



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

AR File Number 46

Groundwater Monitoring
Results Report
for
Defense Depot
Memphis, Tennessee

Volume 3 of 9

Prepared for
U.S. Army Corps of Engineers,
Huntsville Division

Prepared by
Environmental Science
& Engineering, Inc.

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APPENDIX D

CLP-LIKE DATA RESULTS FOR
MW-9, MW-10, MW-11, MW-12,
MW-22, AND MW-37

VOLUMES 3 THROUGH 9

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HUNTSVILLE COE-DDMT
CASE NARRATIVE

000001

CASE NARRATIVE

The Analytical and Supporting Control Data for the inorganic, organic, and chemical agent byproduct methods for the 6 of 37 monitoring wells (CDDMTW*9,10,11,12,22 and 37) and associated QC are contained in this document. CDDMTW*40,41,42, and 43 are duplicate samples of CDDMTW*37,10,12, and 22, respectively. Although these duplicate samples are not part of this CLP-Equivalent data package, their results should be reviewed as part of the standard deliverable for the remaining monitoring wells. SW846 methods were used and a CLP-Equivalent report format was used for these analyses. The report is in six volumes and is separated as outlined in the Table of Contents. The ESE Batch Number (ie. G87853) functioned as the CLP-Equivalent Sample Delivery Group Number (SDG No.).

This document consists of the Case Narrative, a Sample Date, Cross-Reference & Methodologies Report (SDR), the Analytical Results & Raw Data (AR) and the Chain-of-Custody (COC) and Cooler Receipt Forms (CRF). The SDR lists only the methods in this document for the samples listed above. The AR is arranged by analytical method as outlined in the Table of Contents and then chronologically by batch analyses date.

The qualifier codes used on the Form I pages in this document are U, a compound that was analyzed for but not detected and D, all compounds identified in an analysis at a secondary dilution.

EPA holding times were met. In general, project specific and laboratory quality control (QC) requirements were met and sample matrix outliers are due to matrix effects. A few exceptions/special circumstances are noted below.

TOTAL DISSOLVED SOLIDS - A total dissolved solid analysis was requested by EPA method 160.1. All samples were analyzed within required holding times. No sample or standard matrix spikes were required for this method. Relative percent difference for the replicates were reported as acceptable.

METAL ANALYSES - Sample matrix spike recoveries for the metal analyses are acceptable. Aluminum and chromium percent recoveries in one ICAP batch were out of acceptance criteria for the total analysis. (G44525). Filtered fractions of the same samples were in control indicating a possible matrix interference. Two other ICAP batches contain sample matrix spikes out of criteria for total aluminum (G45044, G44952). In these samples also, the filtered fractions are in criteria indicating a matrix interference. Percent matrix spike values for total arsenic in two separate arsenic batches were below accuracy criteria, an indication of possible matrix effect (G45235, G44302). In another batch arsenic for both total and filtered fractions were slightly above criteria (G45541): no arsenic was present in this sample. This too indicates a matrix interference. One set of sample matrix spikes for total mercury were slightly below criteria (G44302). The filtered fraction sample matrix spikes were within criteria indicating a matrix interference. One set of sample matrix spikes for total mercury were slightly below criteria. The filtered fractions were within criteria indicating a matrix interference. One set of sample matrix spikes for total lead were slightly below criteria (G45540). The filtered fractions were within criteria indicating a matrix interference. In another batch on of the filtered sample

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matrix spikes were slightly below criteria while the other was in criteria (G45527). Both sample matrix spikes for the total fraction were within criteria, indicating a possible spiking error or slight spike loss. Data are acceptable. In separate batches one set of filtered sample matrix spikes for selenium (G45535) and 3 sets of total selenium sample matrix spikes were below criteria (G45492, G45234, G45554). Two batches for selenium had sample matrix spikes below criteria in both the total and filtered fractions (G45146, G45207). In each case a matrix interference is indicated. Percent recoveries for the standard matrix spikes for arsenic and selenium were all within acceptance criteria. Standard and sample matrix spikes for thallium and mercury were reported as acceptable.

VOLATILE ORGANICS - A volatile organic analysis was requested by EPA method 8020. All water samples were analyzed for volatiles within the fourteen days holding time. Matrix, surrogate and standard spike recoveries were reported as acceptable. RPD for the matrix spike/matrix spike duplicate recoveries were reported as acceptable.

PAH - Sample, standard and matrix spike recoveries for the PAH analyses are acceptable. Three surrogate spike samples in one batch had recoveries below criteria (G44587). A possible matrix effect was cited by the analyst.

SEMIVOLATILES - A semivolatile organic analysis was requested by method SW 8270. All water samples were analyzed within the required holding times. Sample matrix spikes were in criteria with the following exceptions: Three batches in which 4-nitrophenol, pentachlor (G45213, G45380, G44972) and one batch in which phenol (G44972) were reported above criteria. In these cases the spike solution concentration was suspected. Standard matrix spikes and surrogate spikes recoveries reported were acceptable. The sample matrix spike recovery for 4 chloro 3-methyl phenol, 4-nitrophenol, 2,4, dinitrophenol and pyrene exceed criteria in 3 separate batches (G45378, G44972, G45376). In these cases the spike solution concentration was suspected. The surrogate for one sample in one batch for 2 fluorophenol, phenol-D (5), 2,4,6 tribromophenol was above criteria. Double spiking is the suspected cause. In two separate batches the surrogate terphenol-D(14) for a total of 6 samples (1 in one batch, 5 in another) was below criteria (G45380, G45376). A possible matrix interference is suspected. RPD calculated from the sample matrix spike duplicate recoveries were reported as acceptable. Method blanks were reported as acceptable with the following exceptions: bis(2-Ethylhexyl) phthalate concentration of 1.4 ug/l and 5.8ug/l (G45213, G45215) were reported. The detection limit for this analyte is 1.0 ug/l. Bis (2-ethylhexyl) phthalate was present in some field samples.

OCPs/PCBs - Analyses for OCPs/PCBs were conducted by EPA method SW 8080. All water samples for OCPs/PCBs were analyzed within required holding time. Standard matrix spike recoveries were reported as acceptable. Sample matrix spikes were reported in criteria with the following exceptions: Two sets of DDT sample matrix spikes were below criteria (G45050, G44762). One set each of heptachlor, aldrin and dieldrin were reported below criteria (G45164). Surrogate decachloro-m-xylene was reported below criteria for numerous samples (G45050, G44754, G45164, G45165, G44762, G44766). Tetrachloro-m-xylene however was in criteria for all samples. Analyst indicates that recoveries in both the sample matrix and surrogate spikes are typical of this group of samples which displays extensive matrix interference. Data is considered acceptable. Continuing verification sample (CCV) recoveries

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were within acceptance criteria.

ONOP PESTICIDES - ONOP Pesticides analyses were requested by method SW 8140. All water samples were analyzed within required holding times. Sample matrix spike, standard matrix spike and surrogate spike recoveries were reported as acceptable with the following exception: One of a set of duplicate sample matrix spikes for Guthion was below criteria at 17.5% recovery (acceptable 59-117%) (G45167). No explanation was provided. It appears to be a spiking error since the other sample matrix spike is with in criteria. Data are acceptable.

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SAMPLE DATE, CROSS REFERENCE &
METHODOLOGIES REPORT

000005

MONTVILLE COB

01/07/94

SAMPLE ID	STATION ID	COLLECT	RECEIPT	CLASSIFICATION	EXTRACT	ANALYSIS	C-E	E-A	C-A	ESP	Batch
CD00TW*3	MM3	11/12/93	11/13/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - UM22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	NA NA	9454 9454					
				ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/15/93 11/16/93 11/18/93 11/16/93 11/16/93 11/29/93 12/02/93 12/02/93 11/29/93 12/02/93	12/14/93 11/25/93 12/07/93 12/05/93 12/05/93 12/12/93 12/02/93 12/15/93 12/15/93 11/29/93 12/17/93	3 4 6 4 4 17 20 20 17 20	29 9 19 19 19 3 3 13 13 0 15	32 13 25 23 23 30 20 13 33 17 35	G45213 G44580 G44757 G44766 G44766 G45167 G44525 G45052 G45109 G44301 G45207	
CD00TW*4	MM4	11/15/93	11/16/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - UM22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	NA NA	11/16/93 11/21/93					
				ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/18/93 11/19/93 11/18/93 11/20/93 11/20/93 11/20/93 11/29/93 12/02/93 12/02/93 11/29/93 12/02/93	12/16/93 11/26/93 12/07/93 12/14/93 12/14/93 12/19/93 12/02/93 12/15/93 12/15/93 11/29/93 12/17/93	3 4 3 5 5 14 17 17 14 17	28 7 19 24 24 3 13 13 0 15	31 11 22 29 29 17 30 30 14 32	G43781 G44362 G44362 G45215 G44581 G44757 G45050 G45050 G45170 G44525 G45052 G45109 G44301 G45207	
CD00TW*5	MM5	11/16/93	11/17/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - UM22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	NA NA	11/19/93 11/21/93					
				ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/19/93 11/19/93 11/18/93 11/20/93 11/20/93 11/20/93 12/06/93 12/06/93 12/06/93 11/29/93 12/06/93	12/17/93 11/26/93 12/07/93 12/14/93 12/14/93 12/19/93 12/13/93 01/04/94 01/04/94 11/29/93 01/04/94	3 3 2 4 4 20 20 20 13 20	28 7 19 24 24 7 29 29 0 29	31 10 21 28 28 27 49 49 13 49	G44066 G44362 G44362 G45215 G44581 G44757 G45050 G45050 G45170 G44952 G45541 G45540 G44294 G45492	
CD00TW*6	MM6	11/18/93	11/19/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	NA NA	11/22/93 11/22/93					
				ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/23/93 11/25/93 11/20/93 11/20/93 11/20/93 12/06/93 12/02/93 12/03/93 11/30/93 12/02/93	12/22/93 12/05/93 12/16/93 12/16/93 12/20/93 12/15/93 12/15/93 12/14/93 11/30/93 12/17/93	5 7 2 2 2 18 14 15 12 14	29 10 26 26 30 9 13 0 15 15	34 17 28 28 32 27 27 26 12 29	G44066 G44362 G44362 G45215 G44581 G44757 G45050 G45164 G45168 G45044 G45097 G45056 G44337 G45146	
CD00TW*7	MM7	11/15/93	11/16/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - UM22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	NA NA	11/24/93 11/21/93					
				ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/18/93 11/19/93 11/18/93 11/20/93 11/20/93 11/20/93 12/06/93 12/02/93 12/03/93 11/30/93 12/02/93	12/16/93 11/26/93 12/08/93 12/14/93 12/14/93 12/19/93 12/15/93 12/15/93 12/14/93 11/30/93 12/17/93	3 4 3 5 5 18 14 15 12 14	28 7 20 24 24 9 13 0 15 15	31 11 23 29 29 27 27 26 12 29	G44321 G44362 G44362 G45215 G44581 G44757 G45050 G45164 G45168 G45044 G45097 G45056 G44337 G45146	
CD00TW*8	MM8	11/17/93	11/18/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - UM22	NA NA	11/21/93 11/21/93					
				ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/19/93 11/19/93 11/18/93 11/20/93 11/20/93 11/20/93 12/06/93 12/02/93 12/03/93 11/30/93 12/02/93	12/17/93 11/26/93 12/08/93 12/14/93 12/14/93 12/19/93 12/15/93 12/15/93 12/14/93 11/30/93 12/17/93	2 2 3 5 5 14 17 17 14 17	28 7 20 24 24 9 13 13 0 15	30 11 23 29 29 27 27 26 12 29	G45376 G44581 G44757 G45050 G45050 G45170 G44525 G45052 G45109 G44301 G45207	

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BUNTSVILLE COE
01/07/94

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SAMPLE ID	STATION ID	COLLECT. RECEIPT	CLASSIFICATION	EXTRACT. ANALYSIS	C-B	E-A	C-A	ESE	Batch
CD0MTW*8	MM8	11/17/93 11/18/93	OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL) ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/20/93 12/14/93 12/20/93 12/14/93 11/20/93 12/19/93 12/06/93 12/13/93 12/06/93 01/04/94 12/06/93 01/04/94 11/29/93 11/29/93 12/06/93 01/04/94 NA 11/19/93 NA 11/21/93 NA 11/21/93	3	24	27		G45050 G45050 G45170 G44952 G45541 G45540 G44254 G45452 G44056 G44362 G44362
CD0MTW*9	MM9	11/15/93 11/16/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - UM22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL) ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/18/93 12/15/93 11/18/93 12/07/93 11/18/93 12/08/93 11/18/93 12/04/93 11/18/93 12/04/93 11/18/93 12/11/93 12/03/93 12/06/93 12/16/93 12/17/93 12/03/93 12/14/93 11/29/93 11/29/93 12/16/93 12/22/93 NA 11/19/93 NA 9454 NA 9454	3	27	30		G45214 G44731 G44757 G44754 G44754 G45166 G44666 G45235 G45057 G44302 G45234 G44067
CD0MTW*10	MM10SP	11/11/93 11/12/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - UM22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL) ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/18/93 12/15/93 11/18/93 12/07/93 11/18/93 12/08/93 11/18/93 12/04/93 11/18/93 12/04/93 11/18/93 12/11/93 12/03/93 12/06/93 12/16/93 12/17/93 12/03/93 12/14/93 11/29/93 11/29/93 12/16/93 12/22/93 NA 11/16/93 NA 9454 NA 9454	7	27	34		G45214 G44731 G44757 G44754 G44754 G45166 G44666 G45235 G45057 G44302 G45234 G44258
CD0MTW*11	MM11	11/13/93 11/15/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - UM22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL) ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/18/93 12/16/93 11/18/93 12/07/93 11/18/93 12/08/93 11/18/93 12/04/93 11/18/93 12/04/93 11/18/93 12/11/93 12/03/93 12/06/93 12/16/93 12/17/93 12/03/93 12/14/93 11/29/93 11/29/93 12/16/93 12/22/93 NA 11/16/93 NA 9454 NA 9454	5	28	33		G45214 G44731 G44757 G44754 G44754 G45166 G44666 G45235 G45057 G44302 G45234 G44258
CD0MTW*12	MM12SP	11/11/93 11/12/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - UM22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL) ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/18/93 12/16/93 11/18/93 12/07/93 11/18/93 12/08/93 11/18/93 12/04/93 11/18/93 12/04/93 11/18/93 12/11/93 12/03/93 12/06/93 12/16/93 12/17/93 12/03/93 12/14/93 11/29/93 11/29/93 12/16/93 12/22/93 NA 11/16/93 NA 9454 NA 9454	7	28	35		G45214 G44731 G44757 G44754 G44754 G45166 G44666 G45235 G45057 G44302 G45234 G44258
CD0MTW*13	MM13	11/15/93 11/16/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - UM22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL) ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	11/18/93 12/16/93 11/19/93 11/27/93 11/18/93 12/08/93 11/20/93 12/14/93 11/20/93 12/19/93 12/06/93 12/13/93 NA 11/21/93 NA 11/21/93 NA 11/21/93	3	28	31		G45215 G44581 G44757 G45050 G45050 G45170 G44952

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SAMPLE ID	STATION ID	COLLECT. RECEIPT	CLASSIFICATION	EXTRACT. ANALYSIS	C-B	S-A	C-A	ESH	Batch
CD0MTW*13	MM13	11/15/93 11/16/93	ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	12/02/93 12/15/93 12/03/93 12/14/93 11/29/93 11/29/93 12/02/93 12/17/93 NA 11/19/93 NA 11/21/93 NA 11/21/93	17	13	30		G45097 G45056 G44294 G45146 G44066 G44362 G44362
CD0MTW*14	MM14	11/17/93 11/18/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - DW22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	11/19/93 12/17/93 11/19/93 11/26/93 11/23/93 12/09/93 11/20/93 12/14/93 11/20/93 12/14/93 11/20/93 12/19/93 12/06/93 12/13/93 12/06/93 01/04/94 12/06/93 01/04/94 11/29/93 11/29/93 12/06/93 01/04/94 NA 11/19/93 NA 11/22/93 NA 11/22/93	2	26	30		G45376 G44581 G44759 G45050 G45050 G45170 G44952 G45541 G45540 G44294 G45492 G44066 G44362 G44362
CD0MTW*15	MM15	11/18/93 11/19/93	ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1 PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 THIODIGLYCOL IN WATER - DW22 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	11/23/93 12/22/93 11/25/93 12/04/93 11/22/93 12/09/93 11/20/93 12/14/93 11/20/93 12/14/93 11/20/93 12/19/93 12/06/93 12/13/93 12/20/93 01/05/94 12/20/93 12/21/93 11/29/93 11/29/93 12/20/93 01/05/94 NA 11/24/93 NA 11/19/93 NA 11/19/93	5	29	34		G45380 G44588 G44759 G45050 G45050 G45170 G44952 G45543 G45306 G44294 G45554 G44321 G44136 G44136
CD0MTW*16	MM16	11/09/93 11/10/93	ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1 PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	11/12/93 12/09/93 11/16/93 11/25/93 11/16/93 12/05/93 11/16/93 12/05/93 11/16/93 12/13/93 11/29/93 12/02/93 12/02/93 12/15/93 12/03/93 12/14/93 11/29/93 11/29/93 12/02/93 12/17/93 NA 11/24/93 NA 11/23/93 NA 11/23/93	3	27	30		G44972 G44580 G44766 G44766 G45167 G44525 G45097 G45056 G44301 G45146 G44362 G44363 G44363
CD0MTW*19	MM19	11/19/93 11/20/93	ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1 PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	11/23/93 12/22/93 11/26/93 12/03/93 11/26/93 12/16/93 11/26/93 12/16/93 11/26/93 12/22/93 12/06/93 12/15/93 12/02/93 12/15/93 12/03/93 12/14/93 11/30/93 11/30/93 12/02/93 12/17/93 NA 11/26/93 NA 11/23/93 NA 11/23/93	4	29	33		G45380 G44587 G45165 G45165 G45169 G45044 G45097 G45056 G44337 G45146 G44263 G44363 G44363
CD0MTW*20	MM20	11/19/93 11/20/93	ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1 PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	11/23/93 12/22/93 11/26/93 12/04/93 11/26/93 12/16/93 11/26/93 12/16/93 11/26/93 12/22/93 12/06/93 12/15/93 12/02/93 12/15/93 12/03/93 12/14/93 11/30/93 11/30/93 12/02/93 12/17/93 NA 11/26/93 NA 11/23/93 NA 11/23/93	4	29	33		G45380 G44587 G45165 G45165 G45169 G45044 G45097 G45056 G44337 G45146 G44263 G44363 G44363
CD0MTW*21	MM21	11/18/93 11/19/93	ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1 PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020	11/23/93 12/22/93 11/26/93 12/04/93 11/26/93 12/16/93 11/26/93 12/16/93 11/26/93 12/22/93 12/06/93 12/15/93 12/02/93 12/15/93 12/03/93 12/14/93 11/30/93 11/30/93 12/02/93 12/17/93 NA 11/26/93 NA 11/23/93 NA 11/23/93	4	29	33		G45380 G44587 G45165 G45165 G45169 G45044 G45097 G45056 G44337 G45146 G44263 G44363 G44363

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SAMPLE ID	STATION ID	COLLECT. RECEIPT	CLASSIFICATION	EXTRACT. ANALYSIS	C-E	E-A	C-A	EE	Batch
IIDMTW-21	MW21	11/18/93 11/19/93	SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	11/23/93 12/22/93 11/25/93 12/05/93 11/20/93 12/16/93 11/20/93 12/16/93 11/20/93 12/20/93 12/06/93 12/15/93 12/02/93 12/15/93 12/03/93 12/14/93 11/30/93 11/30/93 12/02/93 12/17/93	5 29 14 7 10 17 2 26 28 2 26 28 2 30 32 18 9 27 14 13 27 15 11 26 12 0 12 14 15 29				G45180 G44588 G45164 G45164 G45168 G45044 G45097 G45056 G44337 G45146
IIDMTW-22	MW22SF	11/17/93 11/18/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	NA 11/24/93 NA 11/24/93 11/23/93 12/21/93 11/22/93 12/05/93 11/22/93 12/04/93 11/22/93 12/04/93 11/22/93 12/10/93 12/03/93 12/06/93 12/16/93 12/17/93 12/03/93 12/14/93 11/29/93 11/29/93 12/16/93 12/17/93	NA NA 6 28 34 5 13 18 5 12 17 5 12 17 5 26 31 16 3 19 29 1 30 16 11 27 12 0 12 29 1 30				G44321 G44363 G44363 G45378 G44589 G44762 G44762 G45171 G44666 G45235 G45057 G44302 G45234
IIDMTW-23	MW23	11/15/93 11/16/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	NA 11/19/93 NA 11/21/93 NA 11/21/93 11/18/93 12/16/93 11/19/93 11/26/93 11/20/93 12/14/93 11/20/93 12/14/93 11/20/93 12/19/93 12/06/93 12/13/93 12/02/93 12/15/93 12/02/93 12/15/93 11/29/93 11/29/93 12/02/93 12/17/93	NA NA NA 3 28 31 4 7 11 5 24 29 5 24 29 5 29 34 21 7 28 17 13 30 17 13 30 14 0 14 17 15 32				G44067 G44362 G44362 G45215 G44581 G45050 G45050 G45170 G44952 G45052 G45109 G44294 G45207
IIDMTW-24	MW24	11/14/93 11/16/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	NA 11/19/93 NA 11/21/93 NA 11/21/93 11/18/93 12/16/93 11/19/93 11/27/93 11/20/93 12/14/93 11/20/93 12/14/93 11/20/93 12/19/93 12/06/93 12/13/93 12/02/93 12/15/93 12/02/93 12/15/93 11/29/93 11/29/93 12/02/93 12/17/93	NA NA NA 4 28 32 5 8 13 6 24 30 6 24 30 6 29 35 22 7 29 18 13 31 18 13 31 15 0 15 18 15 33				G44066 G44362 G44362 G45215 G44581 G45050 G45050 G45170 G44952 G45052 G45109 G44294 G45207
IIDMTW-25	MW25	11/13/93 11/15/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	NA 11/19/93 NA 11/18/93 NA 11/18/93 11/18/93 12/16/93 11/19/93 11/27/93 11/20/93 12/14/93 11/20/93 12/14/93 11/20/93 12/19/93 12/06/93 12/13/93 12/02/93 12/15/93 12/02/93 12/15/93 11/29/93 11/29/93 12/02/93 12/17/93	NA NA NA 5 28 33 6 8 14 7 24 31 7 24 31 7 29 36 22 7 29 18 13 31 18 13 31 15 0 15 18 15 33				G44066 G44136 G44136 G45215 G44581 G45050 G45050 G45170 G44952 G45052 G45109 G44301 G45207
IIDMTW-26	MW26	11/09/93 11/10/93	PURGEABLE HALOCARBONS - EPA 8010 PURGEABLE AROMATICS - EPA 8020 SVOCs - EPA 8270/3520 (CLL) PAH'S - EPA 8310/3520 OCPS/PCBS - EPA 8080/3520 (CLL) PCBS - EPA 8080/3520 (CLL)	NA 11/16/93 NA 11/18/93 NA 11/18/93 11/12/93 12/09/93 11/16/93 11/25/93 11/16/93 12/05/93 11/16/93 12/05/93 11/16/93 12/13/93 11/29/93 12/02/93 12/02/93 12/15/93 12/02/93 12/15/93 11/29/93 11/29/93	NA NA NA 3 27 30 7 9 16 7 19 26 7 19 26 7 27 34 20 3 23 23 13 36 23 13 36 23 13 36				G43781 G44136 G44136 G44972 G44580 G44766 G44766 G45167 G44525 G45052 G45109 G44301

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SAMPLE ID	STATION ID	COLLECT	RECEIPT	CLASSIFICATION	12/02/93	12/17/93	23	15	31					
CIDMTW*26	MM26	11/09/93	11/10/93	SELENIUM - EPA 7740	NA	11/14/93			5		G45207			
				TDS - EPA 160.1	NA	11/23/93			4		G43620			
				PURGEABLE HALOCARBONS - EPA 8010	NA	11/23/93			4		G44363			
				PURGEABLE AROMATICS - EPA 8020	11/23/93	12/22/93	4	29	33		G45380			
				SVOCs - EPA 8270/3520 (CLL)	11/26/93	12/04/93	7	8	15		G44587			
				PAH'S - EPA 8310/3520	11/26/93	12/16/93	7	20	27		G45165			
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/26/93	12/16/93	7	20	27		G45165			
				PCBS - EPA 8080/3520 (CLL)	11/26/93	12/22/93	7	26	33		G45169			
					12/06/93	12/15/93	17	9	26		G45044			
					12/06/93	01/05/94	17	30	47		G45541			
					12/06/93	01/04/94	17	29	46		G45540			
					11/30/93	11/30/93	11	0	11		G44337			
CIDMTW*28	MM28	11/19/93	11/20/93	SELENIUM - EPA 7740	12/06/93	01/04/94	17	29	46		G45492			
				TDS - EPA 160.1	NA	11/26/93			7		G44263			
				PURGEABLE HALOCARBONS - EPA 8010	NA	11/23/93			4		G44362			
				PURGEABLE AROMATICS - EPA 8020	NA	11/23/93			4		G44362			
				SVOCs - EPA 8270/3520 (CLL)	11/19/93	12/18/93	2	29	31		G45376			
				PAH'S - EPA 8310/3520	11/19/93	11/27/93	2	8	10		G44581			
				THIODIGLYCOL IN WATER - UM22	11/22/93	12/09/93	5	17	22		G44759			
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/20/93	12/14/93	3	24	27		G45050			
				PCBS - EPA 8080/3520 (CLL)	11/20/93	12/14/93	3	24	27		G45050			
					11/20/93	12/19/93	3	29	32		G45170			
					12/06/93	12/13/93	19	7	26		G44952			
				CIDMTW*29	MM29	11/17/93	11/18/93	ARSENIC - EPA 7060	12/06/93	01/05/94	19	30	49	
LEAD - EPA 7421	12/06/93	01/04/94	19					29	48		G45540			
MERCURY - EPA 7470	11/29/93	11/29/93	12					0	12		G44294			
SELENIUM - EPA 7740	12/06/93	01/04/94	19					29	46		G45492			
TDS - EPA 160.1	NA	11/19/93							2		G44066			
PURGEABLE HALOCARBONS - EPA 8010	NA	11/23/93							4		G44363			
PURGEABLE AROMATICS - EPA 8020	NA	11/23/93							4		G44363			
SVOCs - EPA 8270/3520 (CLL)	11/23/93	12/22/93	4					29	33		G45380			
PAH'S - EPA 8310/3520	11/26/93	12/04/93	7					8	15		G44587			
OCPS/PCBS - EPA 8080/3520 (CLL)	11/26/93	12/17/93	7					21	28		G45165			
PCBS - EPA 8080/3520 (CLL)	11/26/93	12/17/93	7					21	28		G45165			
	11/26/93	12/22/93	7					26	33		G45169			
CIDMTW*30	MM30	11/19/93	11/20/93		12/06/93	12/15/93	17	9	26		G45044			
				ARSENIC - EPA 7060	12/06/93	01/06/94	17	31	48		G45569			
				LEAD - EPA 7421	12/06/93	01/05/94	17	30	47		G45527			
				MERCURY - EPA 7470	11/30/93	11/30/93	11	0	11		G44337			
				SELENIUM - EPA 7740	12/06/93	01/06/94	17	31	48		G45535			
				TDS - EPA 160.1	NA	11/26/93			7		G44263			
				PURGEABLE HALOCARBONS - EPA 8010	NA	11/23/93			4		G44363			
				PURGEABLE AROMATICS - EPA 8020	NA	11/23/93			4		G44363			
				SVOCs - EPA 8270/3520 (CLL)	11/26/93	12/17/93	7	21	28		G45165			
				PAH'S - EPA 8310/3520	11/26/93	12/04/93	7	8	15		G44587			
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/26/93	12/17/93	7	21	28		G45165			
				PCBS - EPA 8080/3520 (CLL)	11/26/93	12/22/93	7	26	33		G45169			
CIDMTW*31	MM31	11/19/93	11/20/93		12/06/93	12/15/93	17	9	26		G45044			
				ARSENIC - EPA 7060	12/06/93	01/06/94	17	31	48		G45569			
				LEAD - EPA 7421	12/06/93	01/05/94	17	30	47		G45527			
				MERCURY - EPA 7470	11/30/93	11/30/93	11	0	11		G44337			
				SELENIUM - EPA 7740	12/06/93	01/06/94	17	31	48		G45535			
				TDS - EPA 160.1	NA	11/26/93			7		G44263			
				PURGEABLE HALOCARBONS - EPA 8010	NA	11/23/93			4		G44363			
				PURGEABLE AROMATICS - EPA 8020	NA	11/23/93			4		G44363			
				SVOCs - EPA 8270/3520 (CLL)	11/26/93	12/17/93	7	21	28		G45165			
				PAH'S - EPA 8310/3520	11/26/93	12/04/93	7	8	15		G44587			
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/26/93	12/17/93	7	21	28		G45165			
				PCBS - EPA 8080/3520 (CLL)	11/26/93	12/22/93	7	26	33		G45169			
CIDMTW*32	MM32	11/18/93	11/19/93		12/06/93	12/15/93	17	9	26		G45044			
				ARSENIC - EPA 7060	12/06/93	01/06/94	18	31	49		G45569			
				LEAD - EPA 7421	12/06/93	01/05/94	18	30	48		G45527			
				MERCURY - EPA 7470	11/30/93	11/30/93	12	0	12		G44337			
				SELENIUM - EPA 7740	12/06/93	01/06/94	18	31	49		G45535			
				TDS - EPA 160.1	NA	11/24/93			6		G44321			
				PURGEABLE HALOCARBONS - EPA 8010	NA	11/23/93			4		G44363			
				PURGEABLE AROMATICS - EPA 8020	NA	11/23/93			4		G44363			
				SVOCs - EPA 8270/3520 (CLL)	11/23/93	12/22/93	4	29	33		G45380			
				PAH'S - EPA 8310/3520	11/26/93	12/03/93	7	7	14		G44587			
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/26/93	12/17/93	7	21	28		G45165			
				CIDMTW*33	MM33	11/19/93	11/20/93		11/23/93	12/22/93	4	29	33	
PURGEABLE HALOCARBONS - EPA 8010	11/26/93	12/03/93	7					7	14		G44587			
PURGEABLE AROMATICS - EPA 8020	11/26/93	12/17/93	7					21	28		G45165			
SVOCs - EPA 8270/3520 (CLL)														
PAH'S - EPA 8310/3520														
OCPS/PCBS - EPA 8080/3520 (CLL)														
PCBS - EPA 8080/3520 (CLL)														
ARSENIC - EPA 7060														
LEAD - EPA 7421														
MERCURY - EPA 7470														
SELENIUM - EPA 7740														
TDS - EPA 160.1														

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MDMTW*33	MW33	11/19/93 11/20/93	PCBS - EPA 8080/3520 (CLL)	11/26/93 12/17/93	7	21	28		G45165
			ARSENIC - EPA 7060	11/26/93 12/22/93	7	26	33		G45169
			LEAD - EPA 7421	12/06/93 12/15/93	17	9	26		G45044
			MERCURY - EPA 7470	12/06/93 01/06/94	17	31	48		G45569
			SELENIUM - EPA 7740	12/06/93 01/05/94	17	30	47		G45527
			TDS - EPA 160.1	11/30/93 11/30/93	11	0	11		G44337
			PURGEABLE HALOCARBONS - EPA 8010	12/06/93 01/06/94	17	31	48		G45535
			PURGEABLE AROMATICS - EPA 8020	NA 11/26/93			7		G44263
			SVOCs - EPA 8270/3520 (CLL)	NA 11/23/93			4		G44363
			PAH'S - EPA 8310/3520	NA 11/23/93			4		G44363
			OCPS/PCBS - EPA 8080/3520 (CLL)	11/23/93 12/22/93	4	29	33		G45380
			PCBS - EPA 8080/3520 (CLL)	11/26/93 12/04/93	7	8	15		G44587
			ARSENIC - EPA 7060	11/26/93 12/17/93	7	21	28		G45165
			LEAD - EPA 7421	11/26/93 12/22/93	7	26	33		G45169
			MERCURY - EPA 7470	12/06/93 01/06/94	17	9	26		G45044
			SELENIUM - EPA 7740	12/06/93 01/05/94	17	30	47		G45569
			TDS - EPA 160.1	11/30/93 11/30/93	11	0	11		G44337
			PURGEABLE HALOCARBONS - EPA 8010	12/06/93 01/06/94	17	31	48		G45535
			PURGEABLE AROMATICS - EPA 8020	NA 11/26/93			7		G44263
			SVOCs - EPA 8270/3520 (CLL)	NA 11/23/93			4		G44363
			PAH'S - EPA 8310/3520	NA 11/23/93			4		G44363
			THIODIGLYCOL IN WATER - UW22	11/18/93 12/16/93	4	28	32		G45215
			OCPS/PCBS - EPA 8080/3520 (CLL)	11/19/93 11/27/93	5	8	13		G44581
			PCBS - EPA 8080/3520 (CLL)	11/18/93 12/08/93	4	20	24		G44757
			ARSENIC - EPA 7060	11/20/93 12/14/93	6	24	30		G45050
			LEAD - EPA 7421	11/20/93 12/14/93	6	24	30		G45050
			MERCURY - EPA 7470	11/20/93 12/19/93	6	29	35		G45170
			SELENIUM - EPA 7740	12/06/93 12/13/93	22	7	29		G44952
			TDS - EPA 160.1	12/02/93 12/15/93	18	13	31		G45097
			PURGEABLE HALOCARBONS - EPA 8010	12/03/93 12/14/93	19	11	30		G45056
			PURGEABLE AROMATICS - EPA 8020	11/28/93 11/29/93	15	0	15		G44294
			SVOCs - EPA 8270/3520 (CLL)	12/02/93 12/17/93	18	15	33		G45146
			PAH'S - EPA 8310/3520	NA 11/19/93			5		G44066
			THIODIGLYCOL IN WATER - UW22	NA 11/18/93			6		G44136
			OCPS/PCBS - EPA 8080/3520 (CLL)	NA 11/18/93			6		G44136
			PCBS - EPA 8080/3520 (CLL)	11/15/93 12/14/93	3	29	32		G45213
			ARSENIC - EPA 7060	11/16/93 11/25/93	4	9	13		G44580
			LEAD - EPA 7421	11/16/93 12/05/93	4	19	23		G44766
			MERCURY - EPA 7470	11/16/93 12/05/93	4	19	23		G44766
			SELENIUM - EPA 7740	11/16/93 12/13/93	4	27	31		G45167
			TDS - EPA 160.1	11/29/93 12/02/93	17	3	20		G44525
			PURGEABLE HALOCARBONS - EPA 8010	12/02/93 12/15/93	20	13	33		G45097
			PURGEABLE AROMATICS - EPA 8020	12/03/93 12/14/93	21	11	32		G45056
			SVOCs - EPA 8270/3520 (CLL)	11/29/93 11/29/93	17	0	17		G44301
			PAH'S - EPA 8310/3520	12/02/93 12/17/93	20	15	35		G45146
			THIODIGLYCOL IN WATER - UW22	NA 11/18/93			4		G43781
			OCPS/PCBS - EPA 8080/3520 (CLL)	NA 11/23/93			5		G44363
			PCBS - EPA 8080/3520 (CLL)	NA 11/23/93			5		G44363
			ARSENIC - EPA 7060	11/23/93 12/18/93	5	25	30		G45378
			LEAD - EPA 7421	11/22/93 12/05/93	4	13	17		G44589
			MERCURY - EPA 7470	11/22/93 12/09/93	4	17	21		G44759
			SELENIUM - EPA 7740	11/22/93 12/04/93	4	12	16		G44762
			TDS - EPA 160.1	11/22/93 12/04/93	4	12	16		G44762
			PURGEABLE HALOCARBONS - EPA 8010	11/22/93 12/18/93	4	26	30		G45171
			PURGEABLE AROMATICS - EPA 8020	12/03/93 12/06/93	15	3	18		G44666
			SVOCs - EPA 8270/3520 (CLL)	12/16/93 12/17/93	28	1	29		G45235
			PAH'S - EPA 8310/3520	12/03/93 12/16/93	15	11	26		G45057
			THIODIGLYCOL IN WATER - UW22	11/29/93 11/29/93	11	0	11		G44302
			OCPS/PCBS - EPA 8080/3520 (CLL)	12/16/93 12/22/93	28	6	34		G45234
			PCBS - EPA 8080/3520 (CLL)	NA 11/24/93			6		G44321
			ARSENIC - EPA 7060	NA 11/21/93			6		G44362
			LEAD - EPA 7421	NA 11/21/93			6		G44362
			MERCURY - EPA 7470	11/18/93 12/16/93	3	28	31		G45215
			SELENIUM - EPA 7740	11/19/93 11/27/93	4	8	12		G44581
			TDS - EPA 160.1	11/18/93 12/08/93	3	20	23		G44757
			PURGEABLE HALOCARBONS - EPA 8010	11/20/93 12/14/93	5	24	29		G45050
			PURGEABLE AROMATICS - EPA 8020	11/20/93 12/14/93	5	24	29		G45050
			SVOCs - EPA 8270/3520 (CLL)	11/20/93 12/19/93	5	29	34		G45170
			PAH'S - EPA 8310/3520	12/06/93 12/13/93	21	7	28		G44952
			THIODIGLYCOL IN WATER - UW22	12/06/93 02/05/94	21	30	51		G45541
			OCPS/PCBS - EPA 8080/3520 (CLL)	12/06/93 01/04/94	21	29	50		G45540
			PCBS - EPA 8080/3520 (CLL)	11/29/93 11/29/93	14	0	14		G44294
			ARSENIC - EPA 7060						
			LEAD - EPA 7421						
			MERCURY - EPA 7470						

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000MTW*38	MM38	11/15/93	11/16/93	SELENIUM - EPA 7740	12/06/93	01/04/94	21	29	50		G45492
				TDS - EPA 160.1	NA	11/19/93				4	G44066
000MTW*39	MM39	11/15/93	11/16/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/21/93				6	G44362
				PURGEABLE AROMATICS - EPA 8020	NA	11/21/93				6	G44362
				SVOCs - EPA 8270/3520 (CLL)	11/18/93	12/17/93	3	29	32		G45215
				PAH'S - EPA 8310/3520	11/19/93	11/27/93	4	8	12		G44581
				THIODIGLYCOL IN WATER - DW22	11/18/93	12/08/93	3	20	23		G44757
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/20/93	12/14/93	5	24	29		G45050
				PCBS - EPA 8080/3520 (CLL)	11/20/93	12/14/93	5	24	29		G45050
					11/20/93	12/13/93	5	29	34		G45170
				ARSENIC - EPA 7060	12/06/93	12/13/93	21	7	28		G44952
				LEAD - EPA 7421	12/06/93	01/05/94	21	30	51		G45541
				MERCURY - EPA 7470	12/06/93	01/04/94	21	29	50		G45540
				SELENIUM - EPA 7740	11/29/93	11/29/93	14	0	14		G44294
				TDS - EPA 160.1	12/06/93	01/04/94	21	29	50		G45492
000MTW*40	MM40DUP	11/18/93	11/19/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/19/93				4	G44066
				PURGEABLE AROMATICS - EPA 8020	NA	11/23/93				5	G44362
				SVOCs - EPA 8270/3520 (CLL)	NA	11/23/93				5	G44362
				PAH'S - EPA 8310/3520	11/23/93	12/22/93	5	29	34		G45380
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/25/93	12/05/93	7	10	17		G44588
				PCBS - EPA 8080/3520 (CLL)	11/20/93	12/16/93	2	26	28		G45164
					11/20/93	12/16/93	2	26	28		G45164
					11/20/93	12/20/93	2	30	32		G45168
				ARSENIC - EPA 7060	12/06/93	12/15/93	18	9	27		G45044
				LEAD - EPA 7421	12/06/93	01/06/94	18	31	49		G45569
				MERCURY - EPA 7470	12/06/93	01/05/94	18	30	48		G45527
				SELENIUM - EPA 7740	11/30/93	11/30/93	12	0	12		G44337
				TDS - EPA 160.1	12/06/93	01/06/94	18	31	49		G45535
000MTW*41	MM41DUP	11/11/93	11/12/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/24/93				6	G44321
				PURGEABLE AROMATICS - EPA 8020	NA	11/18/93				7	G44136
				SVOCs - EPA 8270/3520 (CLL)	NA	11/18/93				7	G44136
				PAH'S - EPA 8310/3520	11/15/93	12/15/93	4	30	34		G45213
				THIODIGLYCOL IN WATER - DW22	11/16/93	11/26/93	5	10	15		G44580
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/18/93	12/08/93	7	20	27		G44757
				PCBS - EPA 8080/3520 (CLL)	11/16/93	12/05/93	5	19	24		G44766
					11/16/93	12/05/93	5	19	24		G44766
					11/16/93	12/13/93	5	27	32		G45167
				ARSENIC - EPA 7060	11/29/93	12/02/93	18	3	21		G44525
				LEAD - EPA 7421	12/02/93	12/15/93	21	13	34		G45097
				MERCURY - EPA 7470	12/03/93	12/14/93	22	11	33		G45056
				SELENIUM - EPA 7740	11/29/93	11/29/93	18	0	18		G44301
				TDS - EPA 160.1	12/02/93	12/17/93	21	15	36		G45146
000MTW*42	MM42DUP	11/11/93	11/12/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/16/93				5	G43781
				PURGEABLE AROMATICS - EPA 8020	NA	11/18/93				7	G44136
				SVOCs - EPA 8270/3520 (CLL)	NA	11/18/93				7	G44136
				PAH'S - EPA 8310/3520	11/15/93	12/15/93	4	30	34		G45213
				THIODIGLYCOL IN WATER - DW22	11/16/93	11/26/93	5	10	15		G44580
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/18/93	12/08/93	7	20	27		G44757
				PCBS - EPA 8080/3520 (CLL)	11/16/93	12/05/93	5	19	24		G44766
					11/16/93	12/05/93	5	19	24		G44766
					11/16/93	12/13/93	5	27	32		G45167
				ARSENIC - EPA 7060	11/29/93	12/02/93	18	3	21		G44525
				LEAD - EPA 7421	12/02/93	12/15/93	21	13	34		G45097
				MERCURY - EPA 7470	12/03/93	12/14/93	22	11	33		G45056
				SELENIUM - EPA 7740	11/29/93	11/29/93	18	0	18		G44301
				TDS - EPA 160.1	12/02/93	12/17/93	21	15	36		G45146
000MTW*43	MM43DUP	11/17/93	11/18/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/16/93				5	G43781
				PURGEABLE AROMATICS - EPA 8020	NA	11/21/93				4	G44362
				SVOCs - EPA 8270/3520 (CLL)	NA	11/21/93				4	G44362
				PAH'S - EPA 8310/3520	11/19/93	12/18/93	2	29	31		G45376
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/19/93	11/26/93	2	7	9		G44581
				PCBS - EPA 8080/3520 (CLL)	11/20/93	12/14/93	3	24	27		G45050
					11/20/93	12/14/93	3	24	27		G45050
					11/20/93	12/13/93	3	29	32		G45170
				ARSENIC - EPA 7060	12/06/93	12/13/93	19	7	26		G44952
				LEAD - EPA 7421	12/06/93	01/05/94	19	30	49		G45541
				MERCURY - EPA 7470	12/06/93	01/04/94	19	29	48		G45540
				SELENIUM - EPA 7740	11/29/93	11/29/93	12	0	12		G44294
				TDS - EPA 160.1	12/06/93	01/04/94	19	29	48		G45492
000MTW*44	MM44EBLK	11/16/93	11/17/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/19/93				2	G44066
				PURGEABLE AROMATICS - EPA 8020	NA	11/21/93				5	G44362
				SVOCs - EPA 8270/3520 (CLL)	NA	11/21/93				5	G44362
				PAH'S - EPA 8310/3520	11/19/93	12/21/93	3	32	35		G45376
					11/19/93	11/27/93	3	8	11		G44581

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CDDMTW*44	MM44EBLK	11/16/93 11/17/93	THIODIGLYCOL IN WATER - UM22	11/16/93 12/08/93	2	20	22		G44757
			OCPS/PCBS - EPA 8080/3520 (CLL)	11/20/93 12/14/93	4	24	28		G45050
			PCBS - EPA 8080/3520 (CLL)	11/20/93 12/14/93	4	24	28		G45050
				11/20/93 12/19/93	4	29	33		G45170
			ARSENIC - EPA 7060	12/06/93 12/13/93	20	1	27		G44952
			LEAD - EPA 7421	12/06/93 01/05/94	20	30	50		G45541
			MERCURY - EPA 7470	12/06/93 01/04/94	20	29	49		G45540
			SELENIUM - EPA 7740	11/29/93 11/29/93	13	0	13		G44294
			TDS - EPA 160.1	12/06/93 01/04/94	20	29	49		G45492
			NA	11/19/93					
CDDMTW*45	MM45EBLK	11/18/93 11/19/93	PURGEABLE HALOCARBONS - EPA 8010	NA					G44061
			PURGEABLE AROMATICS - EPA 8020	NA					G44367
			SVOCs - EPA 8270/3520 (CLL)	NA					G44362
			PAH'S - EPA 8310/3520	11/23/93 12/23/93	5	30	35		G45380
			THIODIGLYCOL IN WATER - UM22	11/25/93 12/05/93	7	10	17		G44588
			OCPS/PCBS - EPA 8080/3520 (CLL)	11/22/93 12/09/93	4	17	21		G44759
			PCBS - EPA 8080/3520 (CLL)	11/20/93 12/16/93	2	26	28		G45164
				11/20/93 12/16/93	2	26	28		G45164
				11/20/93 12/20/93	2	30	32		G45168
				12/06/93 12/13/93	18	7	25		G44952
CDDMTW*46	MM46EBLK	11/18/93 11/19/93	ARSENIC - EPA 7060	12/06/93 01/05/94	18	30	48		G45541
			LEAD - EPA 7421	12/06/93 01/04/94	18	29	47		G45540
			MERCURY - EPA 7470	11/29/93 11/29/93	11	0	11		G44294
			SELENIUM - EPA 7740	12/06/93 01/04/94	18	29	47		G45492
			TDS - EPA 160.1	NA					G44321
			PURGEABLE HALOCARBONS - EPA 8010	NA					G44362
			PURGEABLE AROMATICS - EPA 8020	NA					G44362
			SVOCs - EPA 8270/3520 (CLL)	11/23/93 12/23/93	5	30	35		G45380
			PAH'S - EPA 8310/3520	11/25/93 12/05/93	7	10	17		G44588
			THIODIGLYCOL IN WATER - UM22	11/22/93 12/09/93	4	17	21		G44759
CDDMTW*47	MM47EBLK	11/18/93 11/19/93	OCPS/PCBS - EPA 8080/3520 (CLL)	11/20/93 12/16/93	2	26	28		G45164
			PCBS - EPA 8080/3520 (CLL)	11/20/93 12/16/93	2	26	28		G45164
				11/20/93 12/20/93	2	30	32		G45168
				12/06/93 12/13/93	18	7	25		G44952
			ARSENIC - EPA 7060	12/06/93 01/05/94	18	30	48		G45541
			LEAD - EPA 7421	12/06/93 01/04/94	18	29	47		G45540
			MERCURY - EPA 7470	11/29/93 11/29/93	11	0	11		G44294
			SELENIUM - EPA 7740	12/06/93 01/04/94	18	29	47		G45492
			TDS - EPA 160.1	NA					G44321
			PURGEABLE HALOCARBONS - EPA 8010	NA					G44362
CDDMTW*48	MM48TS	11/19/93 11/20/93	PURGEABLE AROMATICS - EPA 8020	NA					G44362
			SVOCs - EPA 8270/3520 (CLL)	NA					G44362
			PAH'S - EPA 8310/3520	11/23/93 12/23/93	5	30	35		G45380
			THIODIGLYCOL IN WATER - UM22	11/25/93 12/05/93	7	10	17		G44588
			OCPS/PCBS - EPA 8080/3520 (CLL)	11/22/93 12/09/93	4	17	21		G44759
			PCBS - EPA 8080/3520 (CLL)	11/20/93 12/16/93	2	26	28		G45164
				11/20/93 12/16/93	2	26	28		G45164
				11/20/93 12/20/93	2	30	32		G45168
				12/06/93 12/13/93	18	7	25		G44952
				12/06/93 01/05/94	18	30	48		G45541
CDDMTW*49	MM49TS	11/19/93 11/20/93	12/06/93 01/04/94	18	29	47			G45540
			11/29/93 11/29/93	11	0	11			G44294
			12/06/93 01/04/94	18	29	47			G45492
			NA	11/24/93					G44321
			NA	11/23/93					G44363
			NA	11/23/93					G44363
			11/23/93 12/23/93	4	30	34			G45380
			11/26/93 12/04/93	7	8	15			G44587
			11/24/93 12/08/93	5	14	19			G44758
			11/26/93 12/17/93	7	21	28			G45165
CDDMTW*49	MM49TS	11/19/93 11/20/93	11/26/93 12/17/93	7	21	28			G45165
			11/26/93 12/22/93	7	26	33			G45169
			12/06/93 12/15/93	17	9	26			G45044
			12/06/93 01/06/94	17	31	48			G45569
			12/06/93 01/05/94	17	30	47			G45527
			11/30/93 11/30/93	11	0	11			G44337
			12/06/93 01/06/94	17	31	48			G45535
			NA	11/26/93					G44263
			NA	11/23/93					G44363
			NA	11/23/93					G44363
CDDMTW*49	MM49TS	11/19/93 11/20/93	11/23/93 12/23/93	4					G44363
			11/26/93 12/04/93	7	8	15			G44587
			11/24/93 12/08/93	5	14	19			G44758
			11/26/93 12/16/93	7	20	27			G45165
			11/26/93 12/16/93	7	20	27			G45165
			11/26/93 12/22/93	7	26	33			G45169

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CD00TW*49	MW49TS	11/19/93	11/20/93	ARSENIC - EPA 7060 LEAD - EPA 7421 MERCURY - EPA 7470 SELENIUM - EPA 7740 TDS - EPA 160.1	12/06/93	12/15/93	17	9	26		G45044
				PURGEABLE HALOCARBONS - EPA 8010	12/06/93	01/06/94	17	31	48		G45561
				PURGEABLE AROMATICS - EPA 8020	12/06/93	01/05/94	17	30	47		G45527
				SVOCs - EPA 8270/3520 (CLL)	11/30/93	11/30/93	11	0	11		G44337
				PAH'S - EPA 8310/3520	12/06/93	01/06/94	17	31	48		G45535
CD00TW*50	MW50TS	11/19/93	11/20/93	THIODIGLYCOL IN WATER - UM22	NA	11/26/93				7	G44263
				OCPS/PCBS - EPA 8080/3520 (CLL)	NA	11/23/93				4	G44363
				PCBS - EPA 8080/3520 (CLL)	NA	11/23/93				4	G44363
				ARSENIC - EPA 7060	11/23/93	12/23/93	4	30	34		G45380
				LEAD - EPA 7421	11/26/93	12/04/93	7	8	15		G44587
				MERCURY - EPA 7470	11/24/93	12/08/93	5	14	19		G44758
				SELENIUM - EPA 7740	11/26/93	12/17/93	7	21	28		G45165
				TDS - EPA 160.1	11/26/93	12/17/93	7	21	28		G45165
				PURGEABLE HALOCARBONS - EPA 8010	11/26/93	12/22/93	7	26	33		G45169
				PURGEABLE AROMATICS - EPA 8020	12/06/93	12/15/93	17	9	26		G45044
				SVOCs - EPA 8270/3520 (CLL)	12/06/93	01/06/94	17	31	48		G45561
				PAH'S - EPA 8310/3520	12/06/93	01/05/94	17	30	47		G45527
				THIODIGLYCOL IN WATER - UM22	11/30/93	11/30/93	11	0	11		G44337
				OCPS/PCBS - EPA 8080/3520 (CLL)	12/06/93	01/06/94	17	31	48		G45535
				PCBS - EPA 8080/3520 (CLL)	NA	11/26/93				7	G44263
CD00TW*51	MW51TS	11/19/93	11/20/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/23/93				4	G44363
				PURGEABLE AROMATICS - EPA 8020	NA	11/23/93				4	G44363
				SVOCs - EPA 8270/3520 (CLL)	11/23/93	12/23/93	4	30	34		G45380
				PAH'S - EPA 8310/3520	11/26/93	12/04/93	7	8	15		G44587
				THIODIGLYCOL IN WATER - UM22	11/24/93	12/08/93	5	14	19		G44758
				OCPS/PCBS - EPA 8080/3520 (CLL)	11/26/93	12/17/93	7	21	28		G45165
				PCBS - EPA 8080/3520 (CLL)	11/26/93	12/17/93	7	21	28		G45165
				ARSENIC - EPA 7060	11/26/93	12/22/93	7	26	33		G45169
				LEAD - EPA 7421	12/06/93	12/15/93	17	9	26		G45044
				MERCURY - EPA 7470	12/06/93	01/06/94	17	31	48		G45561
				SELENIUM - EPA 7740	12/06/93	01/05/94	17	30	47		G45527
				TDS - EPA 160.1	11/30/93	11/30/93	11	0	11		G44337
CD00TW*52	MW52TBLK	11/15/93	11/16/93	PURGEABLE HALOCARBONS - EPA 8010	12/06/93	01/06/94	17	31	48		G45535
				PURGEABLE AROMATICS - EPA 8020	NA	11/26/93				7	G44263
CD00TW*53	MW53TBLK	11/11/93	11/12/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/21/93				6	G44362
				PURGEABLE AROMATICS - EPA 8020	NA	11/21/93				6	G44362
CD00TW*55	MW55TBLK	11/14/93	11/16/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/18/93				7	G44136
				PURGEABLE AROMATICS - EPA 8020	NA	11/18/93				7	G44362
CD00TW*56	MW56TBLK	11/13/93	11/15/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/21/93				7	G44362
				PURGEABLE AROMATICS - EPA 8020	NA	11/19/93				5	G44136
CD00TW*57	MW57TBLK	11/09/93	11/10/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/19/93				6	G44136
				PURGEABLE AROMATICS - EPA 8020	NA	11/19/93				10	G44136
CD00TW*58	MW58TBLK	11/10/93	11/11/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/19/93				10	G44136
				PURGEABLE AROMATICS - EPA 8020	NA	11/19/93				9	G44136
CD00TW*60	MW60TBLK	11/12/93	11/13/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/19/93				9	G44136
				PURGEABLE AROMATICS - EPA 8020	NA	11/18/93				6	G44136
CD00TW*61	MW61TBLK	11/17/93	11/18/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/18/93				6	G44136
				PURGEABLE AROMATICS - EPA 8020	NA	11/22/93				5	G44362
CD00TW*62	MW62TBLK	11/19/93	11/20/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/22/93				5	G44362
				PURGEABLE AROMATICS - EPA 8020	NA	11/22/93				3	G44362
CD00TW*64	MW64TBLK	11/18/93	11/19/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/22/93				3	G44362
				PURGEABLE AROMATICS - EPA 8020	NA	11/21/93				3	G44362
CD00TW*1	MW75	11/10/93	11/11/93	PURGEABLE HALOCARBONS - EPA 8010	NA	11/21/93				3	G44362
				PURGEABLE AROMATICS - EPA 8020	NA	11/18/93				8	G44136
				SVOCs - EPA 8270/3520 (CLL)	NA	11/18/93				8	G44136
				ARSENIC - EPA 7060	11/15/93	12/15/93	5	30	35		G45213
				LEAD - EPA 7421	11/29/93	12/02/93	19	3	22		G44525
				MERCURY - EPA 7470	12/02/93	12/15/93	22	13	35		G45052
				SELENIUM - EPA 7740	12/02/93	12/15/93	22	13	35		G45109
CD00TW*2	MW77	11/10/93	11/11/93	PURGEABLE HALOCARBONS - EPA 8010	11/29/93	11/29/93	19	0	19		G44301
				PURGEABLE AROMATICS - EPA 8020	12/02/93	12/17/93	22	15	37		G45207
				SVOCs - EPA 8270/3520 (CLL)	NA	11/18/93				8	G44136
				ARSENIC - EPA 7060	NA	11/18/93				8	G44136
				LEAD - EPA 7421	11/15/93	12/15/93	5	30	35		G45213
				MERCURY - EPA 7470	11/29/93	12/02/93	19	3	22		G44525
				SELENIUM - EPA 7740	12/02/93	12/15/93	22	13	35		G45052
CD00TW*3	MW78	11/10/93	11/11/93	PURGEABLE HALOCARBONS - EPA 8010	12/02/93	12/15/93	22	13	35		G45109
				PURGEABLE AROMATICS - EPA 8020	11/29/93	11/29/93	19	0	19		G44301
				SVOCs - EPA 8270/3520 (CLL)	12/02/93	12/17/93	22	15	37		G45207
				ARSENIC - EPA 7060	11/29/93	12/02/93	19	3	22		G44525
				LEAD - EPA 7421	12/02/93	12/15/93	22	13	35		G45052
				MERCURY - EPA 7470	12/02/93	12/15/93	22	13	35		G45109
				SELENIUM - EPA 7740	11/29/93	11/29/93	19	0	19		G44301

000014

Environmental Science and Engineering, Inc.
HUNTSVILLE COE
01/07/94

PAGE 10

SAMPLE ID	STATION ID	COLLECT	RECEIPT	CLASSIFICATION	EXTRACT	ANALYSIS	C-E	E-A	C-A	ESE	Batch
COUHTWD*3	MM78	11/10/93	11/11/93	SELENIUM - EPA 7740	12/02/93	12/17/93	22	15	37		G45207

000015

ANALYTICAL RESULTS & SUPPORTING DATA

000015

Total Dissolved Solids - 160.1
SDG No. G44258

000017

Lab Name: ESE

Project No.: 7934082G

SDG No: G44258

Client ID	Laboratory ID	Matrix (S/W)	Analysis	Date Collected	Date Received	Date Analyzed
PBLK1	MB*QC*1	W	FINAL WT.	00/00/00	00/00/00	11/16/93
MW10SP	CDDMTW*10	W	FINAL WT.	11/11/93	11/12/93	11/16/93
MW11	CDDMTW*11	W	FINAL WT.	11/13/93	11/15/93	11/16/93
MW12SP	CDDMTW*12	W	FINAL WT.	11/11/93	11/12/93	11/16/93
RP1	RP*CDDMTW*42	W	FINAL WT.	11/11/93	11/12/93	11/16/93

Comments:

ANALYTICAL DATA

000019

46 25

Client ID

ANALYSIS DATA SHEET

PBLK1

Lab Name: ESE Project No.: 7934082G SDG No.: G44258

Matrix: (soil/water) WATER Lab Sample ID: MB*QC*1

Sample wt/vol: Lab File ID:

%Moisture: pH: Dilution Factor: 1.00

Date Analyzed: 11/16/93 Date Received: 00/00/00

CAS NO.

COMPOUND

Q

10-33-3	FINAL WEIGHT (G)	51.0623	U
	INITIAL WEIGHT (G)	51.0622	
	SAMPLE VOLUME (ML)	100.0	
	RESIDUE, DISS (TDS) (MG/L)	10.	

46 26

Client ID

ANALYSIS DATA SHEET

MW10SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44258
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*10
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/16/93 Date Received: 11/12/93

CAS NO.	COMPOUND	Q
10-33-3	FINAL WEIGHT (G) _____	48.7753
	INITIAL WEIGHT (G) _____	48.7602
	SAMPLE VOLUME (ML) _____	50.0
	RESIDUE, DISS (TDS) (MG/L) _____	302.

ANALYSIS DATA SHEET

MW11

Lab Name: ESE Project No.: 7934082G SDG No.: G44258
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*11
Sample wt/vol: . Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/16/93 Date Received: 11/15/93

CAS NO.

COMPOUND

Q

10-33-3	FINAL WEIGHT (G)	60.1618	
	INITIAL WEIGHT (G)	60.1478	
	SAMPLE VOLUME (ML)	50.0	
	RESIDUE, DISS (TDS) (MG/L)	280.	

46 28

Client ID

ANALYSIS DATA SHEET

MW12SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44258
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*12
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/16/93 Date Received: 11/12/93

CAS NO.

COMPOUND

Q

10-33-3	FINAL WEIGHT (G)	56.1025	
	INITIAL WEIGHT (G)	56.0924	
	SAMPLE VOLUME (ML)	50.0	
	RESIDUE, DISS (TDS) (MG/L)	202.	

46 29

Client ID

ANALYSIS DATA SHEET

RP1

Lab Name: ESE Project No.: 7934082G SDG No.: G44258
Matrix: (soil/water) WATER Lab Sample ID: RP*CDDMTW*42
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/16/93 Date Received: 11/12/93

CAS NO.

COMPOUND

Q

FINAL WEIGHT (G)	53.0160	
INITIAL WEIGHT (G)	53.0047	
SAMPLE VOLUME (ML)	50.0	

QUALITY CONTROL DATA

000025

ESE METHOD BLANK SUMMARY

Client ID

PBLK1

Lab Name: ESE

Project No: 7934082G

SDG No.: G44258

Lab Sample ID: MB*QC*1

Lab File ID:

Matrix: (soil/water) WATER

Instrument ID:

Date Analyzed : 11/16/93

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
=====	=====	=====
MW10SP	CDDMTW*10	11/16/93
MW11	CDDMTW*11	11/16/93
MW12SP	CDDMTW*12	11/16/93

COMMENTS:

RAW DATA

000027

WATER QUALITY AND ATMOSPHERIC CHEMISTRY BATCH DOCUMENTATION CHECKLIST

Initial or NA

DLJ Batch printout
DLJ Method-reference and deviations

NA Digestion or Sample Preparation logsheets - copies
NA Instrument logbook pages & identification

DLJ Original raw data, labeled, dated, time indicated
DLJ unused data noted and explained NA

DLJ 12/6/92 DLJ 12/6/92
 Analyst Date Checked by Date
 Initials

Notes:

FORMS 7/8/2294

000028

USE BATCH : 644258

46 34

QC TYPE : FDER/SU
ANALYST : DEANN TRAN
EXTRACTOR :
DATA ENTRY : DEANN TRAN

REPORT DATE/TIME : 11/27/93 14:49:35
ANALYSIS DATE : 11/16/93
EXTRACT DATE :

STATUS :

METHOD BLANK CORRECTION METHOD : NONE

FIELD GRP QC TYPE	PROJECT NUMBER	PROJECT NAME	LAB COORDINATOR
COORDM	7934082G 8201	MUNTSVILLE COE - DORT	PATRICK WILBER

Sample Specific Raw Data

SAMPLE CODE	EXTRACT DATE	ANALYSIS DATE	ANALYSIS TIME	SAMPLE VOL or WT (NA)	EXTRACT VOL or WT (NA)	INJECTION VOLUME (NA)	MOISTURE

NB*QC*1

DA*COORDM*10

DA*COORDM*11

DA*COORDM*12

UN*COORDM*42

RP*COORDM*42

000029

Parameter Specific Raw Data

SAMPLE CODE	STORET METHOD	STATUS	RESPONSE (MG/L)	OIL	TYPE	CURVE	RET TIME	SPIKE SQL CONC (NA)	SPIKE SAMP VOL (NA)	SPIKE VOLUME (NA)	OIL CODE	CALC'D TARGET (NA)
RB-QC-1	99067*0	OK	51.0623									
	99068*0	OK	51.0622									
	96797*0	OK	100.0									
	70300*160.	OK										
DA-CDDNTW=10	99067*0	NRK	48.7753									
	99068*0	NRK	48.7602									
	96797*0	NR	OK 50.0									
	70300*160.	BK										
DA-CDDNTW=11	99067*0	NRK	60.1610									
	99068*0	NRK	60.1470									
	96797*0	NR	OK 50.0									
	70300*160.	BK										
DA-CDDNTW=12	99067*0	NRK	56.1025									
	99068*0	NRK	56.0924									
	96797*0	NR	OK 50.0									
	70300*160.	BK										
UN-CDDNTW=42	99067*0	OK	54.7170									
	99068*0	OK	54.7082									
	96797*0	OK	50.0									
	70300*160.	BK										
RP-CDDNTW=42	99067*0	OK	53.0160									
	99068*0	OK	53.0047									
	96797*0	OK	50.0									
	70300*160.	BK										

000030

STORET: 99067 METHOD: B FINAL WEIGHT, G SOLID

METHOD BLANK(S) *** Optional Quality Control Check ***

SAMPLE ID	CONCENTRATION
QC=1	51.0623

REPLICATE SAMPLE ANALYSIS *** Optional Quality Control Check ***

SAMPLE ID	REP	CONC	'QA' CONC	% DIFFERENCE

STORET: 99068 METHOD: B INITIAL WEIGHT, G SOLID

METHOD BLANK(S) *** Optional Quality Control Check ***

SAMPLE ID	CONCENTRATION
QC=1	51.0622

REPLICATE SAMPLE ANALYSIS *** Optional Quality Control Check ***

SAMPLE ID	REP	CONC	'QA' CONC	% DIFFERENCE

STORET: 99097 METHOD: B SAMPLE VOLUME, ML SOLID

METHOD BLANK(S) *** Optional Quality Control Check ***

SAMPLE ID	CONCENTRATION
QC=1	100.0

REPLICATE SAMPLE ANALYSIS *** Optional Quality Control Check ***

SAMPLE ID	REP	CONC	'QA' CONC	% DIFFERENCE

STORET: 70100 METHOD: 160.1-G RESIDUE DISS (TDS), MG/L SOLID

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 10.0 DATE: 16 NOV 1993 LARGEST RESPONSE= KRSD-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC=1	1

REPLICATE SAMPLE ANALYSIS

SAMPLE ID	REP	CONC	'QA' CONC	% DIFFERENCE

000031

SAMPLE RESULTS

	99067*0	99068*0	96797*0	00*160.1-G
	FINAL WTC	INITIAL WC	SAMPLE VOL	RESIDUE, OI
	WT	IGHT	UME	SS (TDS)
SAMPLE ID	G	G	ML	MG/L
COOHTW*10	48.7753	48.7602	50.0	302
COOHTW*11	60.1618	60.1478	50.0	288
COOHTW*12	56.1025	56.0924	50.0	282

000032

UNITS ENTERED

FINAL CONCENTRATION	MG/L
INJECTION VOLUME	NA
SAMPLE VOLUME	NA
EXTRACT VOLUME	NA
CURVE CONCENTRATION	NA
SPIKE SOLN CONCENTRATION	NA
SPIKE VOLUME	NA
SPIKE SAMPLE VOLUME	NA
TARGET CONCENTRATION	NA
RESPONSE DESCRIPTION	MG/L
CONVERSION FACTOR	NA

$$\text{FINAL CONC} = \frac{\text{CURV CONC} \times \text{EXT VOL} \times \text{DIL}}{\text{INJ VOL} \times \text{SAMP VOL} \times ((100 - \% \text{MOISTURE}) / 100)}$$

$$\text{MG/L} = \frac{(NA) \times (NA)}{(NA) \times (NA)}$$

$$(\text{mg/L}) = \frac{(\text{mg/L}) \times () \times ()}{() \times () \times ((100 - () / 100)}$$

$$\text{TARGET CONC} = \frac{\text{SPIKE SOLN CONC} \times \text{SPIKE VOL}}{\text{SPIKE SAMP VOL} \times ((100 - \% \text{MOISTURE}) / 100)}$$

$$\text{NA} = \frac{(NA) \times (NA)}{(NA)}$$

000033

Batch No.: G44258 Analysis Date: 11/16/93 Analyst: DEANN TRAN

		<u>"Exceptions"</u>	
	<u>Yes</u>	<u>No</u>	<u>Comment / Corrective Action</u>
Are ALL units documented in batch?	X		
Analysis holding time within criteria?	X		
Extract holding time within criteria?	X		
Method blank present?	X		
Method blank within acceptance criteria?	X		
Sample replicate present?	X		
Sample replicate within acceptance criteria?	X		

Note: Any "NO" answer requires a comment.

000034

Environmental Science and Engineering Analytical Services
Internal QA/QC Batch Checklist For Atmospheric Chemistry

46 40

Batch No.: G44258 Analysis Date: 11/16/93 Analyst: DEANN TRAN

	N/A	Yes	No	"Exceptions"	
				Comment /	Corrective Action
Are reported values consistent with the required units?		✓			
Do the calibration standards bracket the concentration equivalent to the method detection limit and the upper certified concentration?	✓				
Is the calibration curve entered correctly?	✓				
If sample concentrations above the certified range are reported, were extracts diluted to within the certified range prior to analysis?	✓				
Are dilution factors entered correctly?	✓				
Have reported sample concentrations been adjusted for percent moisture and sample volume/weight?	✓				
Is the method blank free of contamination? If not, has the data been blank corrected?	✓				
If sample concentrations have been corrected for the method blank, was an appropriate explanation supplied?	✓				
Was the batch checked for data entry errors?		✓			
Were continuing calibration standards (CCV) analyzed at the appropriate frequency?	✓				
Were continuing calibration blanks (CCB) analyzed at the appropriate frequency?	✓				
Is an example calculation provided?		✓			
Was the lot table of contents/checklist been completed?	✓				

Note: Any "NO" answer requires a comment.
Additional Comments:

Completed By: Deann Tran
Date: 12/6/93

Reviewed By: [Signature]
Date: 12/8/93

Notification of appropriate Laboratory Coordinators required for "Exceptions":

Signature	Date	Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

OVERRIDE COMMENTS

BATCH OVERRIDE BY:

000035

NOTEBOOK # 93-1 46 41
 ENVIRONMENTAL SCIENCE & ENGINEERING, INC.
 TOTAL DISSOLVED SOLIDS #21
 TOTAL VOLATILE DISSOLVED SOLIDS

EPA METHOD 160.1 AND 160.4
 STANDARD METHODS 16TH EDITION METHOD 209B AND 209D

G43781

ANALYST Jean DATE 11/11/93 STORET 70300-1 BATCH G43780 (Am)

	SAMPLE	C SAMPLE VOLUME (ml)	B TARE WEIGHT (g)	A DRIED WEIGHT (g)	D WEIGHT (g) AFTER IGNITION	MG SOLID/L
1	MB ₁	100 ml	51.0622	51.0623		-1
2	MB ₂	100 ml	57.3802	57.3799		-3
3	KE12 RSW # 9	100 ml	57.6405	58.3111		
4	12	100 ml	52.41173	52.6035	70300 # 1 crust formed	
5	12 RP	100 ml	56.1680	56.6570		
6	GP132C # 1	50 ml	56.5642	56.5943	G43781 (160.1-6)	
7	2	25 ml	55.0708	55.0872		
8	5	100 ml	52.5872	52.6207		
9	13	100 ml	57.6268	57.6525		
10	16	100 ml	56.3803	56.3803	MB	
11	13 RP	100 ml	59.4140	59.4404		264 (265)
12	GWTR # 2 # 1	100 ml	56.8207	56.8473	70300 # 1	
13	2	100 ml	45.2335	47.2859	crust formed	
14	3	100 ml	45.6209	45.6369		
15	CDDMTW # 3	100 ml	50.8384	50.8656		
16	10	50 ml	48.7602	48.7753	} Separately bottled	
17	11	50 ml	60.1478	60.1618		
18	12	50 ml	56.0924	56.1025		
19	25	50 ml	46.5071	46.5257		

GP132C # 2: leaked embolizer (lost about half), continued usually as RE. S. Michael
 11/15/93.

OVEN TEMPERATURE:

* copied from page 114

CALCULATIONS:

MG TOTAL DISSOLVED SOLIDS / L = (A - B) X 1,000,000 / C

MG DISSOLVED VOLATILE SOLIDS / L = (A - D) X 1,000,000 / C

000036

11/11/93

EPA METHOD 160.1 AND 160.4

STANDARD METHODS 16TH EDITION METHOD 209B AND 209D

ANALYST De 99 Jan DATE 11/16/90 STORET 70300-1 BATCH G 23780-4

(continued)
G 44258

G 4378/C.A.

G 33780-44

[illegible]

OVEN TEMPERATURE: Before: 160°C After: 180°C.

CALCULATIONS:

$$\text{MG TOTAL DISSOLVED SOLIDS / L} = (A - B) \times 1,000,000 / C$$
$$\text{MG DISSOLVED VOLATILE SOLIDS / L} = (A - D) \times 1,000,000 / C$$

000037

~~000115~~

Total Dissolved Solids - 160.1
SDG No. G44321

000038

ANALYTICAL DATA

000039

CROSS REFERENCE TABLE FOR SDG: G44321 15:57:21 10 JAN 1994

THIS SDG INCLUDES THE FOLLOWING BATCHES :
G44321

PRINTED BY : RUBY WYROSDICK

ABBREVIATION	COMPLETE NAME
AA	MW45EBLK
AB	MW46EBLK
AC	MW47EBLK

000040

COVER PAGE

Lab Name: ESE

Project No.: 7934082G

SDG No: G44321

Client ID	Laboratory ID	Matrix (S/W)	Analysis	Date Collected	Date Received	Date Analyzed
PBLK1	MB*QC*1	W	FINAL WT.	00/00/00	00/00/00	11/24/93
MW6	CDDMTW*6	W	FINAL WT.	11/18/93	11/19/93	11/24/93
MW15	CDDMTW*15	W	FINAL WT.	11/18/93	11/19/93	11/24/93
MW21	CDDMTW*21	W	FINAL WT.	11/18/93	11/19/93	11/24/93
MW32	CDDMTW*32	W	FINAL WT.	11/18/93	11/19/93	11/24/93
MW37SP	CDDMTW*37	W	FINAL WT.	11/18/93	11/19/93	11/24/93
MW40DUP	CDDMTW*40	W	FINAL WT.	11/18/93	11/19/93	11/24/93
AA	CDDMTW*45	W	FINAL WT.	11/18/93	11/19/93	11/24/93
AB	CDDMTW*46	W	FINAL WT.	11/18/93	11/19/93	11/24/93
AC	CDDMTW*47	W	FINAL WT.	11/18/93	11/19/93	11/24/93
RP1	RP*CDDMTW*37	W	FINAL WT.	11/18/93	11/19/93	11/24/93
RP2	RP*CDDMTW*40	W	FINAL WT.	11/18/93	11/19/93	11/24/93

Comments:

000041

ANALYSIS DATA SHEET

Client ID ⁴⁶ 47

PBLK1

Lab Name: ESE Project No.: 7934082G SDG No.: G44321
Matrix: (soil/water) WATER Lab Sample ID: MB*QC*1
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/24/93 Date Received: 00/00/00

CAS NO.	COMPOUND	Q
10-33-3	FINAL WEIGHT (G) _____	0.0 U
	INITIAL WEIGHT (G) _____	0.0 U
	SAMPLE VOLUME (ML) _____	0.0 U
	RESIDUE, DISS (TDS) (MG/L) _____	10. U

46 48

Client ID

ANALYSIS DATA SHEET

MW37SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44321
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*37
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/24/93 Date Received: 11/19/93

CAS NO.

COMPOUND

Q

10-33-3	FINAL WEIGHT (G)	58.1351	
	INITIAL WEIGHT (G)	58.1135	
	SAMPLE VOLUME (ML)	100.0	
	RESIDUE, DISS (TDS) (MG/L)	216.	

46 49

Client ID

ANALYSIS DATA SHEET

RP1

Lab Name: ESE Project No.: 7934082G SDG No.: G44321
Matrix: (soil/water) WATER Lab Sample ID: RP*CDDMTW*37
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/24/93 Date Received: 11/19/93

CAS NO.

COMPOUND

Q

10-33-3	FINAL WEIGHT (G)	55.9224	
	INITIAL WEIGHT (G)	55.9011	
	SAMPLE VOLUME (ML)	100.0	
	RESIDUE, DISS (TDS) (MG/L)	213.	

46 50

Client ID

ANALYSIS DATA SHEET

RP2

Lab Name: ESE Project No.: 7934082G SDG No.: G44321
Matrix: (soil/water) WATER Lab Sample ID: RP*CDDMTW*40
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/24/93 Date Received: 11/19/93

CAS NO.

COMPOUND

Q

10-33-3	FINAL WEIGHT (G)	50.3546	
	INITIAL WEIGHT (G)	50.3355	
	SAMPLE VOLUME (ML)	100.0	
	RESIDUE, DISS (TDS) (MG/L)	191.	

QUALITY CONTROL DATA

000046

ESE METHOD BLANK SUMMARY

Client ID 46 52

PBLK1

Lab Name: ESE

Project No: 7934082G

SDG No.: G44321

Lab Sample ID: MB*QC*1

Lab File ID:

Matrix:(soil/water) WATER

Instrument ID:

Date Analyzed : 11/24/93

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
=====	=====	=====
MW6	CDDMTW*6	11/24/93
MW15	CDDMTW*15	11/24/93
MW21	CDDMTW*21	11/24/93
MW32	CDDMTW*32	11/24/93
MW37SP	CDDMTW*37	11/24/93
MW40DUP	CDDMTW*40	11/24/93
AA	CDDMTW*45	11/24/93
AB	CDDMTW*46	11/24/93
AC	CDDMTW*47	11/24/93

COMMENTS:

RAW DATA

000048

WATER QUALITY AND ATMOSPHERIC CHEMISTRY
BATCH DOCUMENTATION CHECKLIST

Initial or NA

KICZ Batch printout
J Method-reference and deviations
KICZ Digestion or Sample Preparation logsheets - copies
J Instrument logbook pages & identification
J Original raw data, labeled, dated, time indicated
unused data noted and explained _____)

DAT
Analyst
Initials

11/30/87
Date

KICZ
Checked by

11/30/87
Date

Notes:

FORM 7-82294

000049

ESE BATCH : S44321

QC TYPE : FDER/Sb

ANALYST : DEANN TRAN

EXTRACTOR :

DATA ENTRY : KATHLEEN ALLEN

REPORT DATE/TIME : 11/30/93 15:19:22

ANALYSIS DATE : 11/24/93

EXTRACT DATE :

STATUS :

METHOD BLANK CORRECTION METHOD : NONE

FIELD GRP QC TYPE	PROJECT NUMBER	PROJECT NAME	LAB COORDINATOR
COOBNH	79340826 0201	HUNTSVILLE COE - ODR	PATRICK WILBER

Sample Specific Raw Data

SAMPLE CODE	EXTRACT DATE	ANALYSIS DATE	ANALYSIS TIME	SAMPLE VOL or WT (NA)	EXTRACT VOL or WT (NA)	INJECTION VOLUME (NA)	MOISTURE
MB*GC*1							
DA*COOBNH*1							
DA*COOBNH*15							
DA*COOBNH*21							
DA*COOBNH*32							
DA*COOBNH*37							
DA*COOBNH*40							
DA*COOBNH*45							
DA*COOBNH*46							
DA*COOBNH*47							
RP*COOBNH*37							
RP*COOBNH*40							

000050

Parameter Specific Raw Data

SAMPLE CODE	STORET METHOD	STATUS	RESPONSE (6)	DIL	TYPE	CURVE	RET TIME	SPIKE SOL CONC (NA)	SPIKE SAMP VOL (NA)	SPIKE VOLUME (NA)	DIL CODE	CALC'D TARGET (NA)
MB*QC+1	99067*0	NA	0									
	70300*160.	OK	-12		FINAL							
DA*CODMTW*6	99067*0	NRK	52.5593*									
	99068*0	NRK	52.5213*									
	96797*0	NR	OK*50*									
	70300*160.	BK										
DA*CODMTW*15	99067*0	NRK	53.4102*									
	99068*0	NRK	53.4035*									
	96797*0	NR	OK*30*									
	70300*160.	BK										
DA*CODMTW*21	99067*0	NRK	58.8844*									
	99068*0	NRK	58.6761*									
	96797*0	NR	OK*50*									
	70300*160.	BK										
DA*CODMTW*32	99067*0	NRK	53.9792*									
	99068*0	NRK	53.9387*									
	96797*0	NR	OK*50*									
	70300*160.	BK										
DA*CODMTW*37	99067*0	NRK	59.1351*									
	99068*0	NRK	58.1135*									
	96797*0	NR	OK*100*									
	70300*160.	BK										
DA*CODMTW*40	99067*0	NRK	52.7907*									
	99068*0	NRK	52.7689*									
	96797*0	NR	OK*100*									
	70300*160.	BK										
DA*CODMTW*45	99067*0	NRK	50.8201*									
	99068*0	NRK	50.8213*									
	96797*0	NR	OK*100*									
	70300*160.	BK										
DA*CODMTW*46	99067*0	NRK	56.3809*									
	99068*0	NRK	56.3298*									
	96797*0	NR	OK*100*									
	70300*160.	BK										
DA*CODMTW*47	99067*0	NRK	53.6952*									
	99068*0	NRK	53.6960*									
	96797*0	NR	OK*100*									
	70300*160.	BK										
RP*CODMTW*37	99067*0	OK	55.9224									
	99068*0	OK	55.9011									
	96797*0	OK	100									
	70300*160.	BK										
RP*CODMTW*40	99067*0	OK	50.3546									
	99068*0	OK	50.3355									
	96797*0	OK	100									
	70300*160.	BK										

000051

ST067: 99067 METHOD: 0 FINAL WEIGHT, 6 SOLID

METHOD BLANK(S) *** Optional Quality Control Check ***

SAMPLE ID CONCENTRATION

REPLICATE SAMPLE ANALYSIS *** Optional Quality Control Check ***

SAMPLE ID REP CONC 'BA' CONC % DIFFERENCE

RP+CD0MTW*37 55.9224 58.1351 3.9

RP+CD0MTW*40 50.3546 52.7903 4.7

ST068: 99068 METHOD: 0 INITIAL WEIGHT, 6 SOLID

METHOD BLANK(S) *** Optional Quality Control Check ***

SAMPLE ID CONCENTRATION

REPLICATE SAMPLE ANALYSIS *** Optional Quality Control Check ***

SAMPLE ID REP CONC 'BA' CONC % DIFFERENCE

RP+CD0MTW*37 55.9011 58.1135 3.9

RP+CD0MTW*40 50.3355 52.7689 4.7

ST069: 99797 METHOD: 0 SAMPLE VOLUME, ML SOLID

METHOD BLANK(S) *** Optional Quality Control Check ***

SAMPLE ID CONCENTRATION

REPLICATE SAMPLE ANALYSIS *** Optional Quality Control Check ***

SAMPLE ID REP CONC 'BA' CONC % DIFFERENCE

RP+CD0MTW*37 100.0 100.0 0.0

RP+CD0MTW*40 100.0 100.0 0.0

ST070: 70300 METHOD: 150.1-6 RESIDUE, DISS (TDS), MG/L SOLID

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 10 DATE: 24 NOV 1993 LARGEST RESPONSE= 1850=

METHOD BLANK(S)

SAMPLE ID CONCENTRATION

QC#1 -12

REPLICATE SAMPLE ANALYSIS

SAMPLE ID REP CONC 'BA' CONC % DIFFERENCE

RP+CD0MTW*37 213 216 1.4

RP+CD0MTW*40 191 214 11.4

000052

SAMPLE RESULTS

	99067*0	99068*0	96797*0	00*160.1-6
	FINAL WT16	INITIAL WT	SAMPLE VOL	RESIDUE, DI
	HT	IGHT	UNE	SS (TDS)
SAMPLE ID	G	G	ML	MG/L
CD0MTW*6	52.5593	52.5213	50.0	760
CD0MTW*15	53.4102	53.4035	30.0	223
CD0MTW*21	58.8844	58.8761	50.0	166
ED0MTW*52	53.9798	53.9387	50.0	822
CD0MTW*37	58.1351	58.1135	100.0	216
CD0MTW*40	52.7903	52.7689	100.0	214
CD0MTW*45	50.8201	50.8213	100.0	<10
CD0MTW*46	56.3809	56.3898	100.0	<10
CD0MTW*47	53.6952	53.6960	100.0	<10

000053

UNITS AND EXAMPLE CALCULATIONS

UNITS ENTERED

FINAL CONCENTRATION	6
INJECTION VOLUME	NA
SAMPLE VOLUME	NA
EXTRACT VOLUME	NA
CURVE CONCENTRATION	NA
SPIKE SOLN CONCENTRATION	NA
SPIKE VOLUME	NA
SPIKE SAMPLE VOLUME	NA
TARGET CONCENTRATION	NA
RESPONSE DESCRIPTION	6
CONVERSION FACTOR	NA

$$\text{FINAL CONC} = \frac{\text{CURR CONC} \times \text{EXT VOL} \times \text{DIL}}{(\text{INJ VOL} \times \text{SAMP VOL} + ((100 - \text{IMDISTURE}) / 100))}$$

$$6 \quad \frac{\langle N_A \rangle}{\langle N_B \rangle} = \frac{\langle N_A \rangle}{\langle N_B \rangle}$$

$$f(s) = \frac{s(s+1)}{(s+1)(s+2)(s+3)(s+4)(s+5)(s+6)(s+7)(s+8)(s+9)(s+10)}$$

$$\text{TARGET CONC} = \frac{\text{SPIKE SAMP CONC} \times \text{SPIKE VOL}}{\text{SPIKE SAMP VOL} \times ((100 - \text{IMDUSTRE}) / 100)}$$

$$E_2 = \frac{(E_1) + (E_2)}{(E_1)}$$

000054

Environmental Science and Engineering Analytical Services
Computer QC Checks

Batch No.: 644321 Analysis Date: 11/24/93 Analyst: DEANN TRAN

	<u>'Exceptions'</u>	
	<u>Yes</u>	<u>No Comment / Corrective Action</u>
Are ALL units documented in batch?	I	
Analysis holding time within criteria?	I	
Extract holding time within criteria?	I	
Method blank present?	I	
Method blank within acceptance criteria?	I	
Sample replicate present?	X	
Sample replicate within acceptance criteria?	X	

Note: Any "NO" answer requires a comment.

000055

Environmental Science and Engineering Analytical Services
Internal QA/QC Batch Checklist For Atmospheric Chemistry

Batch No.: 644321 Analysis Date: 11/24/93 Analyst: DEANN TRAN

	"Exceptions"			Comment / Corrective Action
	N/A	Yes	No	
Are reported values consistent with the required units?	—	/	—	_____
Do the calibration standards bracket the concentration equivalent to the method detection limit and the upper certified concentration?	/	—	—	_____
Is the calibration curve entered correctly?	/	—	—	_____
If sample concentrations above the certified range are reported, were extracts diluted to within the certified range prior to analysis?	/	—	—	_____
Are dilution factors entered correctly?	/	—	—	_____
Have reported sample concentrations been adjusted for percent moisture and sample volume/weight?	—	/	—	_____
Is the method blank free of contamination? If not, has the data been blank corrected?	/	/	—	_____
If sample concentrations have been corrected for the method blank, was an appropriate explanation supplied?	/	—	—	_____
Was the batch checked for data entry errors?	—	/	—	_____
Were continuing calibration standards (CCV) analyzed at the appropriate frequency?	/	—	—	_____
Were continuing calibration blanks (CCB) analyzed at the appropriate frequency?	/	—	—	_____
Is an example calculation provided?	—	/	—	_____
Has the lot table of contents/checklist been completed?	—	/	—	_____

Note: Any "NO" answer requires a comment.
Additional Comments:

Completed By P.T. Tran
Date 11/30/93

Reviewed By [Signature]
Date 11/30/93

000056

Notification of appropriate Laboratory Coordinators required for "Exceptions":
Signature _____ Date _____ Comments _____

46 62

VERRIDE COMMENTS

BATCH OVERRIDE BY:

000057

ENVIRONMENTAL SCIENCE & ENGINEERING, INC.

(TOTAL DISSOLVED SOLIDS) #21
TOTAL VOLATILE DISSOLVED SOLIDSEPA METHOD 160.1 AND 160.4
STANDARD METHODS 16TH EDITION METHOD 209B AND 209DANALYST RL Shaw DATE 11/24/93 STORET 70300 #1 BATCH 614321

#	SAMPLE	C SAMPLE VOLUME (ml)	B TARE WEIGHT (g)	A DRIED WEIGHT (g)	D WEIGHT (g) AFTER IGNITION	MG SOLID/L
1	MB ₁	100 ml	50.3926	50.3915		
2	MB ₂	100 ml	57.9203	57.9290		
3	CDOMTW #6	50 ml	52.5213	52.5593		
4	15	30 ml	53.40435	53.4102		
5	21	50 ml	58.8761	58.8844		
6	32	50 ml	53.9387	53.9798		
7	37	100	58.1135	58.1351		
8	40	100	52.7689	52.7908		
9	45	100 ml	50.8213	50.8201	EB	
10	46	100 ml	56.3818	56.3809	EB	
11	47	100 ml	53.6960	53.6972	EB	
12	37 RP	100 ml	55.90411	55.9224	batch sep.	
13	40 RP	100 ml	50.3355	50.3546		

OVEN TEMPERATURE:

000058

CALCULATIONS:

MG TOTAL DISSOLVED SOLIDS / L = (A - B) X 1,000,000 / C

MG DISSOLVED VOLATILE SOLIDS / L = (A - D) X 1,000,000 / C

000121

Total Dissolved Solids - 160.1

SDG No. G44067

000059

ANALYTICAL DATA

000060

COVER PAGE

Lab Name: ESE

Project No.: 7934082G

SDG No: G44067

Client ID	Laboratory ID	Matrix (S/W)	Analysis	Date Collected	Date Received	Date Analyzed
PBLK1	MB*QC*1	W	FINAL WT.	00/00/00	00/00/00	11/19/93
MW9	CDDMTW*9	W	FINAL WT.	11/15/93	11/16/93	11/19/93
RP1	RP*CDDMTW*9	W	FINAL WT.	11/15/93	11/16/93	11/19/93
MW22SP	CDDMTW*22	W	FINAL WT.	11/17/93	11/18/93	11/19/93
RP2	RP*CDDMTW*22	W	FINAL WT.	11/17/93	11/18/93	11/19/93

Comments:

000061

46 67

Client ID

ANALYSIS DATA SHEET

PBLK1

Lab Name: ESE

Project No.: 7934082G

SDG No.: G44067

Matrix: (soil/water) WATER

Lab Sample ID: MB*QC*1

Sample wt/vol: .

Lab File ID:

%Moisture:

pH:

Dilution Factor: 1.00

Date Analyzed: 11/19/93

Date Received: 00/00/00

CAS NO.

COMPOUND

Q

10-33-3	FINAL WEIGHT (G)	55.1855	
	INITIAL WEIGHT (G)	55.1842	
	SAMPLE VOLUME (ML)	100.0	
	RESIDUE, DISS (TDS) (MG/L)	13.	

Client ID

ANALYSIS DATA SHEET

MWS

Lab Name: ESE Project No.: 7934082G SDG No.: G44067
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*9
Sample wt/vol: . Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/19/93 Date Received: 11/16/93

CAS NO. COMPOUND Q

10-33-3	FINAL WEIGHT (G)	46.0356	
	INITIAL WEIGHT (G)	46.0134	
	SAMPLE VOLUME (ML)	100.0	
	RESIDUE, DISS (TDS) (MG/L)	222.	

46 69
Client ID

ANALYSIS DATA SHEET

RP1

Lab Name: ESE Project No.: 7934082G SDG No.: G44067
Matrix: (soil/water) WATER Lab Sample ID: RP*CDDMTW*9
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/19/93 Date Received: 11/16/93

CAS NO.	COMPOUND	Q
10-33-3	FINAL WEIGHT (G) _____	51.3570
	INITIAL WEIGHT (G) _____	51.3348
	SAMPLE VOLUME (ML) _____	100.0
	RESIDUE, DISS (TDS) (MG/L) _____	222.

46 70

Client ID

ANALYSIS DATA SHEET

MW22SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44067
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*22
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/19/93 Date Received: 11/18/93

CAS NO. COMPOUND Q

10-33-3	FINAL WEIGHT (G)	54.2675	
	INITIAL WEIGHT (G)	54.2387	
	SAMPLE VOLUME (ML)	100.0	
	RESIDUE, DISS (TDS) (MG/L)	288.	

Client ID

RP2

SDG No. : G44067

Lab Sample ID: RP*CDDMTW*22

Lab File ID:

Dilution Factor: 1.00

Date Received: 11/18/93

Q

10-33-3	FINAL WEIGHT (G)	53.5025
	INITIAL WEIGHT (G)	53.4731
	SAMPLE VOLUME (ML)	100.0
	RESIDUE, DISS (TDS) (MG/L)	294.

QUALITY CONTROL DATA

000067

ESE METHOD BLANK SUMMARY

Client ID

PBLK1

Lab Name: ESE

Project No: 7934082G

SDG No.: G44067

Lab Sample ID: MB*QC*1

Lab File ID:

Matrix: (soil/water) WATER

Instrument ID:

Date Analyzed : 11/19/93

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO. -----	LAB SAMPLE ID -----	DATE ANALYZED -----
MW9	CDDMTW*9	11/19/93
MW22SP	CDDMTW*22	11/19/93

COMMENTS:

RAW DATA

000069

WATER QUALITY AND ATMOSPHERIC CHEMISTRY
BATCH DOCUMENTATION CHECKLIST

Initial or NA	
<u>11/10</u>	Batch printout
<u>↓</u>	Method-reference and deviations
<u>11/11</u>	Digestion or Sample Preparation logsheets - copies
<u>↓</u>	Instrument logbook pages & identification
<u>↓</u>	Original raw data, labeled, dated, time indicated
<u>↓</u>	unused data noted and explained _____)

<u>SS/DAT</u>	<u>11/30/97</u>	<u>11/10</u>	<u>11/30/97</u>
Analyst Initials	Date	Checked by	Date

Notes:

FORMS 7/82204

000070

G-14067

103 11/19/97

ESE BATCH : 044867

QC TYPE : FPCR/SN
ANALYST : DEANN TRAN
EXTRACTOR :
DATA ENTRY : SARAH STEWARTREPORT DATE/TIME : 11/22/93 12:28:58
ANALYSIS DATE : 11/19/93
EXTRACT DATE :

STATUS :

METHOD BLANK CORRECTION METHOD : NONE

FIELD GRP QC TYPE	PROJECT NUMBER	PROJECT NAME	LAB COORDINATOR
CDORTW	79348820 8281	HUNTSVILLE COC - DDMT	PATRICK WILBER

Sample Specific Raw Data

SAMPLE CODE	EXTRACT DATE	ANALYSIS DATE	ANALYSIS TIME	SAMPLE VOL or WT (NA)	EXTRACT VOL or WT (NA)	INJECTION VOLUME (NA)	MOISTURE

HB*QC=1
DA*CDORTW=9
RP*CDORTW=9
DA*CDORTW=22
RP*CDORTW=22

000071

Parameter Specific Raw Data

SAMPLE CODE	STORET METHOD	STATUS	RESPONSE (G)	DEL	TYPE	CURVE	RET TIME	SPIKE SOL CONC (NA)	SPIKE SAMP VOL (NA)	SPIKE VOLUME (NA)	DIL CODE	CALC'D TARGET (NA)
RB-QC-1	99067*8	OK	55.1855									
	99068*8	OK	55.1842									
	96797*8	OK	100									
	70300*160.	OK	13.0000		FINAL							
DA-CDDMTW-9	99067*8	NRK	46.0355~									
	99068*8	NRK	46.0134~									
	96797*8	NR	OK~100~									
	70300*160.	OK	222.0000		FINAL							
RP-CDDMTW-9	99067*8	OK	51.3570									
	99068*8	OK	51.3348									
	96797*8	OK	100									
	70300*160.	OK	222.0000		FINAL							
DA-CDDMTW-22	99067*8	NRK	54.2675~									
	99068*8	NRK	54.2307~									
	96797*8	NR	OK~100~									
	70300*160.	OK	288.0000		FINAL							
RP-CDDMTW-22	99067*8	OK	53.5025									
	99068*8	OK	53.4731									
	96797*8	OK	100									
	70300*160.	OK	294.0000		FINAL							

000072

STORE: 99067 METHOD: 0 FINAL WEIGHT, G SOLID

METHOD BLANK(S) *** Optional Quality Control Check ***
 SAMPLE ID CONCENTRATION
 QC#1 55.1855

REPLICATE SAMPLE ANALYSIS *** Optional Quality Control Check ***
 SAMPLE ID REP CONC 'DA' CONC % DIFFERENCE
 RP#CDRTH#9 51.3578 46.8356 10.9
 RP#CDRTH#22 53.5825 54.2675 1.4

STORE: 99068 METHOD: 0 INITIAL WEIGHT, G SOLID

METHOD BLANK(S) *** Optional Quality Control Check ***
 SAMPLE ID CONCENTRATION
 QC#1 55.1842

REPLICATE SAMPLE ANALYSIS *** Optional Quality Control Check ***
 SAMPLE ID REP CONC 'DA' CONC % DIFFERENCE
 RP#CDRTH#9 51.3348 46.8134 10.9
 RP#CDRTH#22 53.4731 54.2387 1.4

STORE: 96797 METHOD: 0 SAMPLE VOLUME, ML SOLID

METHOD BLANK(S) *** Optional Quality Control Check ***
 SAMPLE ID CONCENTRATION
 QC#1 100.0

REPLICATE SAMPLE ANALYSIS *** Optional Quality Control Check ***
 SAMPLE ID REP CONC 'DA' CONC % DIFFERENCE
 RP#CDRTH#9 100.0 100.0 0.0
 RP#CDRTH#22 100.0 100.0 0.0

STORE: 70300 METHOD: 160.1-G RESIDUE DISS (TDS), MG/L SOLID

CALIBRATION CURVE # 1
 CURVE DETECTION LIMIT= 10.0 DATE: 19 NOV 1993 LARGEST RESPONSE= KRSD=

METHOD BLANK(S)
 SAMPLE ID CONCENTRATION
 QC#1 13

REPLICATE SAMPLE ANALYSIS
 SAMPLE ID REP CONC 'DA' CONC % DIFFERENCE
 RP#CDRTH#9 222 222 0.0
 RP#CDRTH#22 294 288 2.1

000073

SAMPLE RESULTS

46

79

	99067*8	99068*8	96797*8	BB-160.1-G
	FINAL WGT	INITIAL WGT	SAMPLE VOL	RESIDUE DI
	HT	IGHT	UME	SS (TDS)
SAMPLE ID	C	G	ML	MG/L
CDR1W*9	46.8156	46.8134	100.8	222
CDR1W*22	54.2675	54.2387	100.8	288

000074

UNITS AND EXAMPLE CALCULATIONS

UNITS ENTERED
 FINAL CONCENTRATION G
 INJECTION VOLUME NA
 SAMPLE VOLUME NA
 EXTRACT VOLUME NA
 CURVE CONCENTRATION NA
 SPIKE SOLN CONCENTRATION NA
 SPIKE VOLUME NA
 SPIKE SAMPLE VOLUME NA
 TARGET CONCENTRATION NA
 RESPONSE DESCRIPTION G
 CONVERSION FACTOR NA

$$\text{FINAL CONC} = \frac{\text{CURV CONC} \times \text{EXT VOL} \times \text{DIL}}{\text{INJ VOL} \times \text{SAMP VOL} \times ((100 - \% \text{MOISTURE}) / 100)}$$

$$G = \frac{(NA) \times (NA)}{(NA) \times (NA)}$$

$$(6) \times \frac{67}{100} = \frac{40.82}{100} = 0.4082$$

$$\text{TARGET CONC} = \frac{\text{SPIKE SOLN CONC} \times \text{SPIKE VOL}}{\text{SPIKE SAMP VOL} \times ((100 - \% \text{MOISTURE}) / 100)}$$

$$NA = \frac{(NA) \times (NA)}{(NA)}$$

000075

Batch No.: 044867 Analysis Date: 11/19/93 Analyst: DIANN TRAN

	<u>Yes</u>	<u>No</u>	<u>"Exceptions"</u> <u>Comment / Corrective Action</u>
Are ALL units documented in batch?	X		
Analysis holding time within criteria?	X		
Extract holding time within criteria?	X		
Method blank present?	X		
Method blank within acceptance criteria?	X		
Sample replicate present?	X		
Sample replicate within acceptance criteria?	X		

Note: Any "NO" answer requires a comment.

000076

Environmental Science and Engineering Analytical Services
Internal QA/QC Batch Checklist for Atmospheric Chemistry

46

82

Batch No.: 044867

Analysis Date: 11/19/93

Analyst: DEANN TRAN

	N/A	Yes	"Exceptions"	
			No	Comment / Corrective Action
Are reported values consistent with the required units?		☒		
Do the calibration standards bracket the concentration equivalent to the method detection limit and the upper certified concentration?	☒			
Is the calibration curve entered correctly?	☒			
If sample concentrations above the certified range are reported, were extracts diluted to within the certified range prior to analysis?	☒			
Are dilution factors entered correctly?	☒			
Have reported sample concentrations been adjusted for percent moisture and sample volume/weight?	☒			
Is the method blank free of contamination? If not, has the data been blank corrected?	☒	☒		
If sample concentrations have been corrected for the method blank, was an appropriate explanation supplied?	☒			
Was the batch checked for data entry errors?		☒		
Were continuing calibration standards (CCV) analyzed at the appropriate frequency?	☒			
Were continuing calibration blanks (CCB) analyzed at the appropriate frequency?	☒			
Is an example calculation provided?		☒		
Has the lot table of contents/checklist been completed?	☒			

Note: Any "NO" answer requires a comment.
Additional Comments:

Completed By [Signature]
Date 11/23/93

Reviewed By [Signature]
Date 11/26/93

Notification of appropriate Laboratory Coordinators required for "Exceptions":
Signature Date Comments

OVERRIDE COMMENTS

BATCH OVERRIDE BY:

000077

ENVIRONMENTAL SCIENCE & ENGINEERING, INC.
TOTAL DISSOLVED SOLIDS
TOTAL VOLATILE DISSOLVED SOLIDS

EPA METHOD 160.1 AND 160.4
STANDARD METHODS 16TH EDITION METHOD 209B AND 209D
* 160.1-6

ANALYST ORF Stewart DATE 11/19/93 STORET 70300-1 BATCH G41066

#	SAMPLE	C SAMPLE VOLUME (ml)	B TARE WEIGHT (g)	A DRIED WEIGHT (g)	D WEIGHT (g) AFTER IGNITION	MG SOLID/L
1	CDDMTW					
1	CDDMTW*	100	57.7359	57.7528		
2	*5	100	55.8062	55.8239		
3	*7	100	53.8809	53.9077		
4	*8	100	45.0040	45.0445		
5	*9	100	46.0134	46.0356		
6	*13	100	56.4707	56.4893		
7	*14	100	54.0261	54.0611		
8	RP*14	100	55.2235	55.2578		
9	*22	100	54.2387	54.2675		
10	RP*22	100	53.4731	53.5025		
11	*23	100	50.2214	50.2612		
12	*24	100	56.5906	56.6087		
13	*29	100	47.3057	47.3485		
14	*35	100	54.6568	54.6764		
15	*38	100	56.5136	56.5302		
16	*39	100	54.6344	54.6542		
17	*43	100	49.7615	49.7894		
18	*44	100	54.2885	54.2885		
19	RP*13	100	55.1842			

(TDS 01/93)

(TDS 01/93)

OVEN TEMPERATURE:

CALCULATIONS:

MG TOTAL DISSOLVED SOLIDS / L = (A - B) X 1,000,000 / C

MG DISSOLVED VOLATILE SOLIDS / L = (A - D) X 1,000,000 / C

000115

000078

Volatile Organics - 8010/8020

000080

Volatile Organics - 8010/8020
SDG No. G44136

000081

ANALYTICAL DATA

Lab Name: ESE

Project No.: 7934082G

SDG No: G44136

Client ID	Laboratory ID	Matrix (S/W)	Analysis	Date Collected	Date Received	Date Analyzed
MW3	CDDMTW*3	W	DCDFM	11/12/93	11/13/93	11/17/93
MW10SP	CDDMTW*10	W	DCDFM	11/11/93	11/12/93	11/17/93
MW11	CDDMTW*11	W	DCDFM	11/13/93	11/15/93	11/17/93
MW12SP	CDDMTW*12	W	DCDFM	11/11/93	11/12/93	11/17/93
MW41DUP	CDDMTW*41	W	DCDFM	11/11/93	11/12/93	11/17/93
PBLK1	MB*1117B*1	W	DCDFM	00/00/00	00/00/00	11/17/93
MW42DUP	CDDMTW*42	W	DCDFM	11/11/93	11/12/93	11/17/93
ICV1	ICV*1117B*1	W	DCDFM	00/00/00	00/00/00	11/18/93
MW76	CDDMTW*1	W	DCDFM	11/10/93	11/11/93	11/18/93
MW77	CDDMTW*2	W	DCDFM	11/10/93	11/11/93	11/18/93
AA	CDDMTW*60	W	DCDFM	11/12/93	11/13/93	11/18/93
MW25	CDDMTW*25	W	DCDFM	11/13/93	11/15/93	11/18/93
MW26	CDDMTW*26	W	DCDFM	11/09/93	11/10/93	11/18/93
MW36	CDDMTW*36	W	DCDFM	11/12/93	11/13/93	11/18/93
CCS1	CCS*1117B*1	W	DCDFM	00/00/00	00/00/00	11/18/93
INFMS	SPM1*TCMM17*	W	DCDFM	11/10/93	11/11/93	11/18/93
INFMSD	SPM2*TCMM17*	W	DCDFM	11/10/93	11/11/93	11/18/93
SP1	SP1*1117B*1	W	DCDFM	00/00/00	00/00/00	11/18/93
AB	CDDMTW*53	W	DCDFM	11/11/93	11/12/93	11/18/93
AC	CDDMTW*56	W	DCDFM	11/13/93	11/15/93	11/19/93
AD	CDDMTW*57	W	DCDFM	11/09/93	11/10/93	11/19/93
AE	CDDMTW*58	W	DCDFM	11/10/93	11/11/93	11/19/93
INF	TCMM17*1	W	DCDFM	11/10/93	11/11/93	11/19/93
EFF	TCMM17*2	W	DCDFM	11/10/93	11/11/93	11/19/93
TRPBLK	TCMM17*3	W	DCDFM	11/10/93	11/11/93	11/19/93
MW16	CDDMTW*16	W	DCDFM	11/09/93	11/10/93	11/19/93
CCS2	CCS*1117B*2	W	DCDFM	00/00/00	00/00/00	11/19/93
CCS3	CCS*1118*3	W	DCDFM	00/00/00	00/00/00	11/19/93
PBLK2	MB*CON*1	W	DCDFM	00/00/00	00/00/00	11/23/93
ICV2	ICV*CON*1	W	DCDFM	00/00/00	00/00/00	11/23/93
CCS4	CCS*CON*2	W	DCDFM	00/00/00	00/00/00	11/24/93

Comments:

ANALYSIS DATA SHEET

PBLK1

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
Matrix: (soil/water) WATER Lab Sample ID: MB*1117B*1
Sample wt/vol: . Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/17/93 Date Received: 00/00/00

CAS NO.	COMPOUND	Q
75-71-8	DICHLORODIFLUORO METHANE (	1.00 U
74-87-3	CHLOROMETHANE (UG/L)	1.00 U
75-01-4	VINYL CHLORIDE (UG/L)	1.00 U
74-83-9	BROMOMETHANE (UG/L)	1.00 U
75-00-3	CHLOROETHANE (UG/L)	1.00 U
75-69-4	TRICHL'FLUOROMETHANE (UG/L)	1.00 U
75-35-4	1,1-DICHLOROETHYLENE (UG/L)	1.00 U
75-09-2	METHYLENE CHLORIDE (UG/L)	1.00 U
156-60-5	TRANS-1,2-DICHLORO ETHENE (U	1.00 U
75-34-3	1,1-DICHLOROETHANE (UG/L)	1.00 U
67-66-3	CHLOROFORM (UG/L)	1.00 U
71-55-6	1,1,1-TRICHL'ETHANE (UG/L)	1.00 U
56-23-5	CARBON TETRACHLORIDE (UG/L)	1.00 U
107-06-2	1,2-DICHLOROETHANE (UG/L)	1.00 U
79-01-6	TRICHLOROETHENE (UG/L)	1.00 U
78-87-5	1,2-DICHLOROPROPANE (UG/L)	1.00 U
75-27-4	BROMODICHLOROMETHANE (UG/L)	1.00 U
110-75-8	2-CHLOROETHYLVINYL ETHER (UG	1.00 U
10061-01-5	CIS-1,3-DICHLORO PROPENE (	1.00 U
10061-02-6	TRANS-1,3-DICHLORO PROPENE (	1.00 U
79-00-5	1,1,2-TRICHL'ETHANE (UG/L)	1.00 U
127-18-4	TETRACHLOROETHENE (UG/L)	1.00 U
124-48-1	DIBROMOCHLOROMETHANE (UG/L)	1.00 U
108-90-7	CHLOROBENZENE (UG/L)	1.00 U
75-25-2	BROMOFORM (UG/L)	1.00 U
79-34-5	1,1,2,2-TETRACHLORO ETHANE (U	1.00 U
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00 U

ANALYSIS DATA SHEET

PBLK1

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
Matrix: (soil/water) WATER Lab Sample ID: MB*1117B*1
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/17/93 Date Received: 00/00/00

CAS NO.	COMPOUND	Q	
1534-04-4	METHYL-T-BUT'ETHER (UG/L) _____	1.00	U
71-43-2	BENZENE (UG/L) _____	1.00	U
108-88-3	TOLUENE (UG/L) _____	1.00	U
108-90-7	CHLOROBENZENE (UG/L) _____	1.00	U
100-41-4	ETHYLBENZENE (UG/L) _____	1.00	U
25321-22-6	DICHLOROBENZENE, TOT. (UG/L) _____	1.00	U
	M-AND/OR-P-XYLENE (UG/L) _____	1.00	U
95-47-6	O-XYLENE, T, (UG/L) _____	1.00	U
100-41-4	O-AND/OR-P XYLENE (UG/L) _____	1.00	U
100-41-4	M-XYLENE (UG/L) _____	1.00	U
	VOA, TOTAL (BTX, T) (UG/L) _____	1.0	U

ANALYSIS DATA SHEET

MW10SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*10
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/17/93 Date Received: 11/12/93

CAS NO.	COMPOUND	Q
75-71-8	DICHLORODIFLUORO METHANE (	1.00 U
74-87-3	CHLOROMETHANE (UG/L)	1.00 U
75-01-4	VINYL CHLORIDE (UG/L)	1.00 U
74-83-9	BROMOMETHANE (UG/L)	1.00 U
75-00-3	CHLOROETHANE (UG/L)	1.00 U
75-69-4	TRICHL'FLUOROMETHANE (UG/L)	1.00 U
75-35-4	1,1-DICHLOROETHYLENE (UG/L)	88.6
75-09-2	METHYLENE CHLORIDE (UG/L)	224. D
156-60-5	TRANS-1,2-DICHLORO ETHENE (U	118. D
75-34-3	1,1-DICHLOROETHANE (UG/L)	3.36
67-66-3	CHLOROFORM (UG/L)	4.22
71-55-6	1,1,1-TRICHL'ETHANE (UG/L)	5.86
56-23-5	CARBON TETRACHLORIDE (UG/L)	1.32
107-06-2	1,2-DICHLOROETHANE (UG/L)	3.56
79-01-6	TRICHLOROETHENE (UG/L)	1020. D
78-87-5	1,2-DICHLOROPROPANE (UG/L)	1.00 U
75-27-4	BROMODICHLOROMETHANE (UG/L)	1.00 U
110-75-8	2-CHLOROETHYL VINYL ETHER (UG	1.00 U
10061-01-5	CIS-1,3-DICHLORO PROPENE (	1.00 U
10061-02-6	TRANS-1,3-DICHLORO PROPENE (	1.00 U
79-00-5	1,1,2-TRICHL'ETHANE (UG/L)	4.14
127-18-4	TETRACHLOROETHENE (UG/L)	143. D
124-48-1	DIBROMOCHLOROMETHANE (UG/L)	1.00 U
108-90-7	CHLOROBENZENE (UG/L)	1.00 U
75-25-2	BROMOFORM (UG/L)	1.00 U
79-34-5	1,1,2,2-TETRACHLORO ETHANE (U	32.1
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00 U

Client ID

ANALYSIS DATA SHEET

MW10SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*10
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 11/17/93 Date Received: 11/12/93

CAS NO.	COMPOUND	Q	
1634-04-4	METHYL-T-BUT' ETHER (UG/L) _____	1.00	U
71-43-2	BENZENE (UG/L) _____	1.00	U
108-88-3	TOLUENE (UG/L) _____	30.7	
108-90-7	CHLOROBENZENE (UG/L) _____	1.00	U
100-41-4	ETHYLBENZENE (UG/L) _____	1.00	U
25321-22-6	DICHLOROBENZENE, TOT. (UG/L) _____	1.00	U
	M-AND/OR-P-XYLENE (UG/L) _____	1.00	U
95-47-6	O-XYLENE, T, (UG/L) _____	1.00	U
100-41-4	O-AND/OR-P XYLENE (UG/L) _____	1.00	U
100-41-4	M-XYLENE (UG/L) _____	1.00	U
	VOA, TOTAL (BTEX, T) (UG/L) _____	1.0	U

ANALYSIS DATA SHEET

MW10SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*10
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 20.0
 Date Analyzed: 11/17/93 Date Received: 11/12/93

CAS NO.	COMPOUND	Q
75-71-8	DICHLORODIFLUORO METHANE (	1.00 U
74-87-3	CHLOROMETHANE (UG/L)	1.00 U
75-01-4	VINYL CHLORIDE (UG/L)	1.00 U
74-83-9	BROMOMETHANE (UG/L)	1.00 U
75-00-3	CHLOROETHANE (UG/L)	1.00 U
75-69-4	TRICHL'FLUOROMETHANE (UG/L)	1.00 U
75-35-4	1,1-DICHLOROETHYLENE (UG/L)	88.6
75-09-2	METHYLENE CHLORIDE (UG/L)	224. D
156-60-5	TRANS-1,2-DICHLORO ETHENE (U	118. D
75-34-3	1,1-DICHLOROETHANE (UG/L)	3.36
67-66-3	CHLOROFORM (UG/L)	4.22
71-55-6	1,1,1-TRICHL'ETHANE (UG/L)	5.86
56-23-5	CARBON TETRACHLORIDE (UG/L)	1.32
107-06-2	1,2-DICHLOROETHANE (UG/L)	3.56
79-01-6	TRICHLOROETHENE (UG/L)	1020. D
78-87-5	1,2-DICHLOROPROPANE (UG/L)	1.00 U
75-27-4	BROMODICHLOROMETHANE (UG/L)	1.00 U
110-75-8	2-CHLOROETHYLVINYL ETHER (UG	1.00 U
10061-01-5	CIS-1,3-DICHLORO PROPENE (	1.00 U
10061-02-6	TRANS-1,3-DICHLORO PROPENE (	1.00 U
79-00-5	1,1,2-TRICHL'ETHANE (UG/L)	4.14
127-18-4	TETRACHLOROETHENE (UG/L)	143. D
124-48-1	DIBROMOCHLOROMETHANE (UG/L)	1.00 U
108-90-7	CHLOROBENZENE (UG/L)	1.00 U
75-25-2	BROMOFORM (UG/L)	1.00 U
79-34-5	1,1,2,2-TETRACHLORO ETHANE (U	32.1
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00 U

ANALYSIS DATA SHEET

MW10SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*10
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 20.0
Date Analyzed: 11/17/93 Date Received: 11/12/93

CAS NO.	COMPOUND	Q	
1634-04-4	METHYL-T-BUT'ETHER (UG/L)	1.00	U
71-43-2	BENZENE (UG/L)	1.00	U
108-88-3	TOLUENE (UG/L)	30.7	
108-90-7	CHLOROBENZENE (UG/L)	1.00	U
100-41-4	ETHYLBENZENE (UG/L)	1.00	U
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00	U
	M-AND/OR-P-XYLENE (UG/L)	1.00	U
95-47-6	O-XYLENE, T. (UG/L)	1.00	U
100-41-4	O-AND/OR-P XYLENE (UG/L)	1.00	U
100-41-4	M-XYLENE (UG/L)	1.00	U
	VOA, TOTAL (BTEX, T) (UG/L)	1.0	U

ANALYSIS DATA SHEET

MW11

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*11
 Sample wt/vol: . Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 11/17/93 Date Received: 11/15/93

CAS NO.	COMPOUND	Q
75-71-8	DICHLORODIFLUORO METHANE (	1.00 U
74-87-3	CHLOROMETHANE (UG/L)	1.00 U
75-01-4	VINYL CHLORIDE (UG/L)	1.00 U
74-83-9	BROMOMETHANE (UG/L)	1.00 U
75-00-3	CHLOROETHANE (UG/L)	1.00 U
75-69-4	TRICHL'FLUOROMETHANE (UG/L)	1.00 U
75-35-4	1,1-DICHLOROETHYLENE (UG/L)	1.00 U
75-09-2	METHYLENE CHLORIDE (UG/L)	1.00 U
156-60-5	TRANS-1,2-DICHLORO ETHENE (U	11.2
75-34-3	1,1-DICHLOROETHANE (UG/L)	1.00 U
67-66-3	CHLOROFORM (UG/L)	2.22
71-55-6	1,1,1-TRICHL'ETHANE (UG/L)	1.00 U
56-23-5	CARBON TETRACHLORIDE (UG/L)	1.00 U
107-06-2	1,2-DICHLOROETHANE (UG/L)	1.00 U
79-01-6	TRICHLOROETHENE (UG/L)	49.2
78-87-5	1,2-DICHLOROPROPANE (UG/L)	1.00 U
75-27-4	BROMODICHLOROMETHANE (UG/L)	1.00 U
110-75-8	2-CHLOROETHYL VINYL ETHER (UG	1.00 U
10061-01-5	CIS-1,3-DICHLORO PROPENE (	1.00 U
10061-02-6	TRANS-1,3-DICHLORO PROPENE (	1.00 U
79-00-5	1,1,2-TRICHL'ETHANE (UG/L)	1.00 U
127-18-4	TETRACHLOROETHENE (UG/L)	11.1
124-48-1	DIBROMOCHLOROMETHANE (UG/L)	1.00 U
108-90-7	CHLOROBENZENE (UG/L)	1.00 U
75-25-2	BROMOFORM (UG/L)	1.00 U
79-34-5	1,1,2,2-TETRACHLORO ETHANE (U	3.58
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00 U

ANALYSIS DATA SHEET

MW11

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*11
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/17/93 Date Received: 11/15/93

CAS NO.	COMPOUND	Q	
1634-04-4	METHYL-T-BUT'ETHER (UG/L)	1.00	U
71-43-2	BENZENE (UG/L)	1.00	U
108-88-3	TOLUENE (UG/L)	1.00	U
108-90-7	CHLOROBENZENE (UG/L)	1.00	U
100-41-4	ETHYLBENZENE (UG/L)	1.00	U
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00	U
	M-AND/OR-P-XYLENE (UG/L)	1.00	U
95-47-6	O-XYLENE, T, (UG/L)	1.00	U
100-41-4	O-AND/OR-P XYLENE (UG/L)	1.00	U
100-41-4	M-XYLENE (UG/L)	1.00	U
	VOA, TOTAL (BTEX, T) (UG/L)	1.0	U

ANALYSIS DATA SHEET

MW12SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*12
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 11/17/93 Date Received: 11/12/93

CAS NO.	COMPOUND	Q
75-71-8	DICHLORODIFLUORO METHANE (	1.00 U
74-87-3	CHLOROMETHANE (UG/L)	1.00 U
75-01-4	VINYL CHLORIDE (UG/L)	1.00 U
74-83-9	BROMOMETHANE (UG/L)	1.00 U
75-00-3	CHLOROETHANE (UG/L)	1.00 U
75-69-4	TRICHL'FLUOROMETHANE (UG/L)	1.00 U
75-35-4	1,1-DICHLOROETHYLENE (UG/L)	1.00 U
75-09-2	METHYLENE CHLORIDE (UG/L)	1.00 U
156-60-5	TRANS-1,2-DICHLORO ETHENE (U	19.6
75-34-3	1,1-DICHLOROETHANE (UG/L)	1.00 U
67-66-3	CHLOROFORM (UG/L)	1.93
71-55-6	1,1,1-TRICHL'ETHANE (UG/L)	1.00 U
56-23-5	CARBON TETRACHLORIDE (UG/L)	1.00 U
107-06-2	1,2-DICHLOROETHANE (UG/L)	1.00 U
79-01-6	TRICHLOROETHENE (UG/L)	1500. D
78-87-5	1,2-DICHLOROPROPANE (UG/L)	1.00 U
75-27-4	BROMODICHLOROMETHANE (UG/L)	1.00 U
110-75-8	2-CHLOROETHYL VINYL ETHER (UG	1.00 U
10061-01-5	CIS-1,3-DICHLORO PROPENE (	1.00 U
10061-02-6	TRANS-1,3-DICHLORO PROPENE (	1.00 U
79-00-5	1,1,2-TRICHL'ETHANE (UG/L)	1.00 U
127-18-4	TETRACHLOROETHENE (UG/L)	14.0
124-48-1	DIBROMOCHLOROMETHANE (UG/L)	1.00 U
108-90-7	CHLOROBENZENE (UG/L)	1.00 U
75-25-2	BROMOFORM (UG/L)	1.00 U
79-34-5	1,1,2,2-TETRACHLORO ETHANE (U	262. D
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00 U

ANALYSIS DATA SHEET

Client ID

MW12SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*12
Sample wt/vol: . Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/17/93 Date Received: 11/12/93

CAS NO.	COMPOUND	Q	
1634-04-4	METHYL-T-BUT'ETHER (UG/L)	1.00	U
71-43-2	BENZENE (UG/L)	1.00	U
108-88-3	TOLUENE (UG/L)	1.00	U
108-90-7	CHLOROBENZENE (UG/L)	1.00	U
100-41-4	ETHYLBENZENE (UG/L)	1.00	U
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00	U
	M-AND/OR-P-XYLENE (UG/L)	1.00	U
95-47-6	O-XYLENE, T, (UG/L)	1.00	U
100-41-4	O-AND/OR-P XYLENE (UG/L)	1.00	U
100-41-4	M-XYLENE (UG/L)	1.00	U
	VOA, TOTAL (BTEX, T) (UG/L)	1.0	U

ANALYSIS DATA SHEET

MW12SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*12
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 20.0
 Date Analyzed: 11/17/93 Date Received: 11/12/93

CAS NO. COMPOUND Q

75-71-8	DICHLORODIFLUORO METHANE (	1.00	U
74-87-3	CHLOROMETHANE (UG/L)	1.00	U
75-01-4	VINYL CHLORIDE (UG/L)	1.00	U
74-83-9	BROMOMETHANE (UG/L)	1.00	U
75-00-3	CHLOROETHANE (UG/L)	1.00	U
75-69-4	TRICHL'FLUOROMETHANE (UG/L)	1.00	U
75-35-4	1,1-DICHLOROETHYLENE (UG/L)	1.00	U
75-09-2	METHYLENE CHLORIDE (UG/L)	1.00	U
156-60-5	TRANS-1,2-DICHLORO ETHENE (U	19.6	
75-34-3	1,1-DICHLOROETHANE (UG/L)	1.00	U
67-66-3	CHLOROFORM (UG/L)	1.93	
71-55-6	1,1,1-TRICHL'ETHANE (UG/L)	1.00	U
56-23-5	CARBON TETRACHLORIDE (UG/L)	1.00	U
107-06-2	1,2-DICHLOROETHANE (UG/L)	1.00	U
79-01-6	TRICHLOROETHENE (UG/L)	1500.	D
78-87-5	1,2-DICHLOROPROPANE (UG/L)	1.00	U
75-27-4	BROMODICHLOROMETHANE (UG/L)	1.00	U
110-75-8	2-CHLOROETHYL VINYL ETHER (UG	1.00	U
10061-01-5	CIS-1,3-DICHLORO PROPENE (	1.00	U
10061-02-6	TRANS-1,3-DICHLORO PROPENE (	1.00	U
79-00-5	1,1,2-TRICHL'ETHANE (UG/L)	1.00	U
127-18-4	TETRACHLOROETHENE (UG/L)	14.0	
124-48-1	DIBROMOCHLOROMETHANE (UG/L)	1.00	U
108-90-7	CHLOROBENZENE (UG/L)	1.00	U
75-25-2	BROMOFORM (UG/L)	1.00	U
79-34-5	1,1,2,2-TETRACHLORO ETHANE (U	262.	D
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00	U

ANALYSIS DATA SHEET

MW12SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*12
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 20.0
Date Analyzed: 11/17/93 Date Received: 11/12/93

CAS NO.	COMPOUND	Q	
1634-04-4	METHYL-T-BUT'ETHER (UG/L) _____	1.00	U
71-43-2	BENZENE (UG/L) _____	1.00	U
108-88-3	TOLUENE (UG/L) _____	1.00	U
108-90-7	CHLOROBENZENE (UG/L) _____	1.00	U
100-41-4	ETHYLBENZENE (UG/L) _____	1.00	U
25321-22-6	DICHLOROBENZENE, TOT. (UG/L) _____	1.00	U
	M-AND/OR-P-XYLENE (UG/L) _____	1.00	U
95-47-6	O-XYLENE, T, (UG/L) _____	1.00	U
100-41-4	O-AND/OR-P XYLENE (UG/L) _____	1.00	U
100-41-4	M-XYLENE (UG/L) _____	1.00	U
	VOA, TOTAL (BTEX, T) (UG/L) _____	1.0	U

ANALYSIS DATA SHEET

INFMS

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
 Matrix: (soil/water) WATER Lab Sample ID: SPM1*TCMM17*1
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 11/18/93 Date Received: 11/11/93

CAS NO.	COMPOUND	Q
75-71-8	DICHLORODIFLUORO METHANE (	1.00 U
74-87-3	CHLOROMETHANE (UG/L)	1.00 U
75-01-4	VINYL CHLORIDE (UG/L)	1.00 U
74-83-9	BROMOMETHANE (UG/L)	1.00 U
75-00-3	CHLOROETHANE (UG/L)	1.00 U
75-69-4	TRICHL'FLUOROMETHANE (UG/L)	26.9
75-35-4	1,1-DICHLOROETHYLENE (UG/L)	23.6
75-09-2	METHYLENE CHLORIDE (UG/L)	1.00 U
156-60-5	TRANS-1,2-DICHLORO ETHENE (U	1.00 U
75-34-3	1,1-DICHLOROETHANE (UG/L)	1.00 U
67-66-3	CHLOROFORM (UG/L)	20.1
71-55-6	1,1,1-TRICHL'ETHANE (UG/L)	21.3
56-23-5	CARBON TETRACHLORIDE (UG/L)	1.00 U
107-06-2	1,2-DICHLOROETHANE (UG/L)	1.00 U
79-01-6	TRICHLOROETHENE (UG/L)	23.9
78-87-5	1,2-DICHLOROPROPANE (UG/L)	1.00 U
75-27-4	BROMODICHLOROMETHANE (UG/L)	1.00 U
110-75-8	2-CHLOROETHYL VINYL ETHER (UG	1.00 U
10061-01-5	CIS-1,3-DICHLORO PROPENE (	19.9
10061-02-6	TRANS-1,3-DICHLORO PROPENE (	19.5
79-00-5	1,1,2-TRICHL'ETHANE (UG/L)	1.00 U
127-18-4	TETRACHLOROETHENE (UG/L)	22.7
124-48-1	DIBROMOCHLOROMETHANE (UG/L)	1.00 U
108-90-7	CHLOROBENZENE (UG/L)	19.5
75-25-2	BROMOFORM (UG/L)	1.00 U
79-34-5	1,1,2,2-TETRACHLORO ETHANE (U	21.3
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00 U

ANALYSIS DATA SHEET

INFMS

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
 Matrix: (soil/water) WATER Lab Sample ID: SPM1*TCMM17*1
 Sample wt/vol: . Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 11/18/93 Date Received: 11/11/93

CAS NO.	COMPOUND	Q	
1634-04-4	METHYL-T-BUT'ETHER (UG/L)	1.00	U
71-43-2	BENZENE (UG/L)	89.4	
108-88-3	TOLUENE (UG/L)	21.9	
108-90-7	CHLOROBENZENE (UG/L)	1.00	U
100-41-4	ETHYLBENZENE (UG/L)	33.0	
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00	U
	M-AND/OR-P-XYLENE (UG/L)	1.00	U
95-47-6	O-XYLENE, T, (UG/L)	1.00	U
100-41-4	O-AND/OR-P XYLENE (UG/L)	1.00	U
100-41-4	M-XYLENE (UG/L)	1.00	U
	VOA, TOTAL (BTEX, T) (UG/L)	1.0	U

ANALYSIS DATA SHEET

INFMSD

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
 Matrix: (soil/water) WATER Lab Sample ID: SPM2*TCMM17*1
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 11/18/93 Date Received: 11/11/93

CAS NO.	COMPOUND	Q
75-71-8	DICHLORODIFLUORO METHANE (	1.00 U
74-87-3	CHLOROMETHANE (UG/L)	1.00 U
75-01-4	VINYL CHLORIDE (UG/L)	1.00 U
74-83-9	BROMOMETHANE (UG/L)	1.00 U
75-00-3	CHLOROETHANE (UG/L)	1.00 U
75-69-4	TRICHL'FLUOROMETHANE (UG/L)	26.7
75-35-4	1,1-DICHLOROETHYLENE (UG/L)	24.2
75-09-2	METHYLENE CHLORIDE (UG/L)	1.00 U
156-60-5	TRANS-1,2-DICHLORO ETHENE (U	1.00 U
75-34-3	1,1-DICHLOROETHANE (UG/L)	1.00 U
67-66-3	CHLOROFORM (UG/L)	18.9
71-55-6	1,1,1-TRICHL'ETHANE (UG/L)	20.2
56-23-5	CARBON TETRACHLORIDE (UG/L)	1.00 U
107-06-2	1,2-DICHLOROETHANE (UG/L)	1.00 U
79-01-6	TRICHLOROETHENE (UG/L)	22.0
78-87-5	1,2-DICHLOROPROPANE (UG/L)	1.00 U
75-27-4	BROMODICHLOROMETHANE (UG/L)	1.00 U
110-75-8	2-CHLOROETHYLVINYL ETHER (UG	1.00 U
10061-01-5	CIS-1,3-DICHLORO PROPENE (	19.5
10061-02-6	TRANS-1,3-DICHLORO PROPENE (	18.5
79-00-5	1,1,2-TRICHL'ETHANE (UG/L)	1.00 U
127-18-4	TETRACHLOROETHENE (UG/L)	21.6
124-48-1	DIBROMOCHLOROMETHANE (UG/L)	1.00 U
108-90-7	CHLOROBENZENE (UG/L)	18.8
75-25-2	BROMOFORM (UG/L)	1.00 U
79-34-5	1,1,2,2-TETRACHLORO ETHANE (U	20.9
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00 U

ANALYSIS DATA SHEET

INFMSD

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
Matrix: (soil/water) WATER Lab Sample ID: SPM2*TCMM17*1
Sample wt/vol: . Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 11/18/93 Date Received: 11/11/93

CAS NO.	COMPOUND	Q
1634-04-4	METHYL-T-BUT'ETHER (UG/L) _____	1.00 U
71-43-2	BENZENE (UG/L) _____	87.4
108-88-3	TOLUENE (UG/L) _____	21.6
108-90-7	CHLOROBENZENE (UG/L) _____	1.00 U
100-41-4	ETHYLBENZENE (UG/L) _____	31.5
25321-22-6	DICHLOROBENZENE, TOT. (UG/L) _____	1.00 U
	M-AND/OR-P-XYLENE (UG/L) _____	1.00 U
95-47-6	O-XYLENE, T, (UG/L) _____	1.00 U
100-41-4	O-AND/OR-P XYLENE (UG/L) _____	1.00 U
100-41-4	M-XYLENE (UG/L) _____	1.00 U
	VOA, TOTAL (BTEX, T) (UG/L) _____	1.0 U

Client ID

ANALYSIS DATA SHEET

SP1

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
 Matrix: (soil/water) WATER Lab Sample ID: SP1*1117B*1
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 11/18/93 Date Received: 00/00/00

CAS NO.	COMPOUND	Q
75-71-8	DICHLORODIFLUORO METHANE (	1.00 U
74-87-3	CHLOROMETHANE (UG/L)	1.00 U
75-01-4	VINYL CHLORIDE (UG/L)	1.00 U
74-83-9	BROMOMETHANE (UG/L)	1.00 U
75-00-3	CHLOROETHANE (UG/L)	1.00 U
75-69-4	TRICHL'FLUOROMETHANE (UG/L)	25.1
75-35-4	1,1-DICHLOROETHYLENE (UG/L)	22.1
75-09-2	METHYLENE CHLORIDE (UG/L)	1.00 U
156-60-5	TRANS-1,2-DICHLORO ETHENE (U	1.00 U
75-34-3	1,1-DICHLOROETHANE (UG/L)	1.00 U
67-66-3	CHLOROFORM (UG/L)	20.2
71-55-6	1,1,1-TRICHL'ETHANE (UG/L)	21.1
56-23-5	CARBON TETRACHLORIDE (UG/L)	1.00 U
107-06-2	1,2-DICHLOROETHANE (UG/L)	1.00 U
79-01-6	TRICHLOROETHENE (UG/L)	21.7
78-87-5	1,2-DICHLOROPROPANE (UG/L)	1.00 U
75-27-4	BROMODICHLOROMETHANE (UG/L)	1.00 U
110-75-8	2-CHLOROETHYL VINYL ETHER (UG	1.00 U
10061-01-5	CIS-1,3-DICHLORO PROPENE (	19.9
10061-02-6	TRANS-1,3-DICHLORO PROPENE (	19.9
79-00-5	1,1,2-TRICHL'ETHANE (UG/L)	1.00 U
127-18-4	TETRACHLOROETHENE (UG/L)	21.4
124-48-1	DIBROMOCHLOROMETHANE (UG/L)	1.00 U
108-90-7	CHLOROBENZENE (UG/L)	19.5
75-25-2	BROMOFORM (UG/L)	1.00 U
79-34-5	1,1,2,2-TETRACHLORO ETHANE (U	21.1
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00 U

ANALYSIS DATA SHEET

SP1

Lab Name: ESE Project No.: 7934082G SDG No.: G44136
 Matrix: (soil/water) WATER Lab Sample ID: SP1*1117B*1
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 11/18/93 Date Received: 00/00/00

CAS NO.	COMPOUND	Q	
1634-04-4	METHYL-T-BUT'ETHER (UG/L)	23.8	
71-43-2	BENZENE (UG/L)	19.6	
108-88-3	TOLUENE (UG/L)	21.3	
108-90-7	CHLOROBENZENE (UG/L)	1.00	U
100-41-4	ETHYLBENZENE (UG/L)	21.0	
25321-22-6	DICHLOROBENZENE, TOT. (UG/L)	1.00	U
	M-AND/OR-P-XYLENE (UG/L)	1.00	U
95-47-6	O-XYLENE, T. (UG/L)	1.00	U
100-41-4	O-AND/OR-P XYLENE (UG/L)	1.00	U
100-41-4	M-XYLENE (UG/L)	1.00	U
	VOA, TOTAL (BTEX, T) (UG/L)	1.0	U

QUALITY CONTROL DATA

000102

CALIBRATION CURVES

46 108

Lab Name: ESE

SDG #: G44136

Analyte: VINYL CHLORIDE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	-.151	0.	.9995
		1.	57230.	1.45	3.49	
		2.5	80573.	2.09	3.49	
		5.	199357.	5.22	3.51	
		10.	393631.	9.89	3.53	
		25.	1362422.	25.0	3.53	

Control Limits: $r = 0.995$

Comments:

000103

FORM II ESE

CALIBRATION CURVES

46 109

Lab Name: ESE

SDG #: G44136

Analyte: TRICHL'FLUOROMETHANE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	0.210	0.	.9999
		1.	118977.	1.53	5.14	
		2.5	170581.	2.11	5.19	
		5.	434812.	5.04	5.26	
		10.	822548.	9.34	5.34	
		25.	2271059.	25.3	5.38	
		100.	9272014.	100.0	5.51	

Control Limits: $r = 0.995$

Comments:

000104

SDG #: G44136

Instrument ID:

Control Limits: $r = 0.995$

Comments:

000105

CALIBRATION CURVES

46 111

Lab Name: ESE

SDG #: G44136

Analyte: METHYLENE CHLORIDE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	- .003	0.	1.0000
		1.02	87779.	0.859	8.75	
		2.55	255369.	2.51	8.85	
		5.1	532997.	5.24	8.98	
		10.2	1053060.	10.4	9.12	
		25.5	2563627.	25.4	9.17	
		102.	0033546.	102.	9.37	

Control Limits: $r = 0.995$

Comments:

000106

FORM II ESE

46 112

SDG #: G44136

Instrument ID:

[illegible]

Comments:

000107

46 113

SDG #: G44136

Instrument ID:

Control Limits: $r = 0.995$

Comments:

000108

46 114

SDG #: G44136

Instrument ID:

Control Limits: $r = 0.995$

Comments:

000109

CALIBRATION CURVES

Lab Name: ESE

SDG #: G44136

Analyte: 1,1,1-TRICHL'ETHANE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	-.214	0.	1.0000
		.98	119328.	0.752	15.89	
		2.45	333675.	2.49	16.04	
		4.9	663086.	5.16	16.13	
		9.8	1283486.	10.2	16.33	
		24.5	3003088.	24.2	16.44	
		98.	1883074.	98.0	16.65	

Control Limits: $r = 0.995$

Comments:

000110

CALIBRATION CURVES

46 116

Lab Name: ESE

SDG #: G44136

Analyte: CARBON TETRACHLORIDE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	-.017	0.	1.0000
		1.01	138860.	0.893	16.35	
		2.525	400073.	2.61	16.51	
		5.05	769939.	5.07	16.59	
		10.1	1528530.	10.2	16.79	
		25.25	3680609.	25.2	16.88	
		101.	3192679.	101.	17.08	

Control Limits: $r = 0.995$

Comments:

000111

46 117

SDG #: G44136

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0. .99 2.475 4.95 9.9 24.75 49.5 99.	0. 63407. 197904. 407091. 798274. 2003079. 4212260. 8060182.	0.346 1.07 2.62 5.04 9.58 23.7 50.3 98.8	0. 17.78 17.92 17.98 18.16 18.23 18.30 18.41	.9999

Comments :

000112

SDG #: G44136

Instrument ID:

Control Limits: $r = 0.995$

000113

SDG #: G44136

Instrument ID:

Control Limits: $r = 0.995$

Comments:

000114

CALIBRATION CURVES

46 120

Lab Name: ESE

SDG #: G44136

Analyte: BROMODICHLOROMETHANE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	0.149	0.	1.0000
		1.03	66205.	0.893	21.94	
		2.575	219626.	2.62	22.02	
		5.15	460972.	5.33	22.09	
		10.3	872399.	9.96	22.22	
		25.75	2277482.	25.9	22.26	
		103.	8954713.	103.	22.42	

Control Limits: $r = 0.995$

Comments:

000115

CALIBRATION CURVES

46 121

Lab Name: ESE

SDG #: G44136

Analyte: CIS-1,3-DICHLORO PROPENE Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	0.159	0.	.9999
		.99	68247.	0.889	23.90	
		2.475	235850.	2.68	23.99	
		4.95	487177.	5.38	24.04	
		9.9	819463.	8.94	24.17	
		24.75	2312421.	25.0	24.22	
		99.	9050154.	99.0	24.34	

Control Limits: $r = 0.995$

Comments:

000116

CALIBRATION CURVES

Lab Name: ESE

SDG #: G44136

Analyte: TRANS-1,3-DICHLORO PROPENE Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	0.313	0.	1.0000
		.99	33094.	0.813	27.13	
		2.475	140648.	2.44	27.20	
		4.95	297349.	4.81	27.22	
		24.75	1609713.	24.8	27.40	
		99.	6365671.	99.0	27.50	

Control Limits: $r = 0.995$

Comments:

000117

CALIBRATION CURVES

46 123

Lab Name: ESE

SDG #: G44136

Analyte: 1,1,2-TRICHL'ETHANE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/23/93	0.	0.	-.144	0.	.9999
		1.	20171.	1.21	27.75	
		2.5	39250.	2.51	27.75	
		5.	73423.	4.92	27.75	
		25.	318468.	25.0	27.75	

Control Limits: $r = 0.995$

Comments:

000118

FORM II ESE

CALIBRATION CURVES

46 124

Lab Name: ESE

SDG #: G44136

Analyte: TETRACHLOROETHENE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	0.136	0.	1.0000
		1.03	6096.	1.10	27.97	
		2.575	16368.	2.71	28.06	
		5.15	31586.	5.09	28.08	
		10.3	62390.	9.83	28.21	
		25.75	171039.	25.9	28.28	
		103.	836793.	103.	28.37	

Control Limits: $r = 0.995$

Comments:

000119

FORM II ESE

CALIBRATION CURVES

46 125

Lab Name: ESE

SDG #: G44136

Analyte: DIBROMOCHLOROMETHANE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	0.311	0.	1.0000
		.99	31181.	0.858	30.45	
		2.475	131934.	2.62	30.47	
		4.95	268100.	5.00	30.52	
		9.9	514735.	9.29	30.63	
		24.75	1429210.	25.0	30.66	
		99.	6041923.	99.0	30.76	

Control Limits: $r = 0.995$

Comments:

000120

46 126

SDG #: G44136

Instrument ID:

[illegible]

Comments :

000121

CALIBRATION CURVES

46 127

Lab Name: ESE

SDG #: G44136

Analyte: 1,1,2,2-TETRACHLORO ETHANE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	-.211	0.	1.0000
		.98	54521.	0.915	38.74	
		2.45	137013.	2.62	38.76	
		4.9	265117.	5.26	38.74	
		9.8	474059.	9.56	38.78	
		24.5	1203926.	24.5	38.79	
		98.	4880232.	98.0	38.79	

Control Limits: $r = 0.995$

Comments:

000122

CALIBRATION CURVES

46 129

Lab Name: ESE

SDG #: G44136

Analyte: BENZENE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	0.06	0.	.9999
		.99	14015.	1.14	17.26	
		2.475	32570.	2.57	17.40	
		4.95	62621.	4.84	17.47	
		9.9	126149.	9.54	17.67	
		24.75	353321.	25.0	17.75	
		49.5	809751.	49.5	17.82	
2	11/17/93	0.	0.	0.65	0.	.9997
		.99	14015.	1.58	17.26	
		2.475	32570.	2.80	17.40	
		4.95	62621.	4.78	17.47	
		9.9	126149.	8.93	17.67	
		24.75	353321.	23.4	17.75	
		49.5	809751.	50.6	17.82	
		99.	1739396.	98.8	17.93	

Control Limits: $r = 0.995$

Comments:

000124

CALIBRATION CURVES

46 130

Lab Name: ESE

SDG #: G44136

Analyte: TOLUENE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	0.17	0.	1.0000
		1.	13100.	1.19	25.09	
		2.5	32847.	2.73	25.21	
		5.	60228.	4.83	25.23	
		10.	118793.	9.29	25.37	
		25.	337596.	25.3	25.43	
		100.	1662947.	100.0	25.55	

Control Limits: $r = 0.995$

Comments:

000125

CALIBRATION CURVES

46 131

Lab Name: ESE

SDG #: G44136

Analyte: ETHYLBENZENE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	0.22	0.	.9999
		1.04	11829.	1.19	34.23	
		2.6	32203.	2.86	34.26	
		5.2	59031.	5.04	34.28	
		10.4	116103.	9.62	34.32	
		26.	331621.	26.3	34.34	
		104.	1588871.	104.	34.40	

Control Limits: $r = 0.995$

Comments:

000126

CALIBRATION CURVES

46 132

Lab Name: ESE

SDG #: G44136

Analyte: M-AND/OR-P-XYLENE

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	-.018	0.	1.0000
		2.	25639.	1.89	34.78	
		5.	71114.	5.22	34.82	
		10.	137035.	9.92	34.83	
		20.	285799.	20.0	34.86	
		50.	821092.	50.0	34.88	

Control Limits: $r = 0.995$

Comments:

000127

CALIBRATION CURVES

Lab Name: ESE

SDG #: G44136

Analyte: O-XYLENE,T,

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	11/17/93	0.	0.	-.089	0.	.9999
		1.1	10822.	0.933	36.24	
		2.75	33589.	3.04	36.26	
		5.5	61979.	5.60	36.27	
		11.	123306.	10.8	36.30	
		27.5	361270.	27.5	36.31	

Control Limits: $r = 0.995$

Comments:

000128

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client ID

INFMS

Lab Name: ESE

Project No.: 7934082G

SDG No.: G44136

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC #	QC LIMITS REC.
=====	=====	=====	=====	=====	=====
TRICHL' FLUOROMETHANE	21.0	0.	26.7	127.1 *	51-127
1,1-DICHLOROETHYLENE	20.0	0.	23.1	115.5	-
CHLOROFORM	19.6	0.	19.8	101.0	-
1,1,1-TRICHL' ETHANE	19.8	0.	21.3	107.6	54-134
TRICHLOROETHENE	20.2	1.56	22.3	110.4	-
CIS-1,3-DICHLORO PRO	19.8	0.	19.7	99.5	-

COMPOUND	SPIKE ADDED	MSD CONCENTRATION	MSD % REC #	% RPD #	QC LIMITS RPD REC.
=====	=====	=====	=====	=====	=====
TRICHL' FLUOROMETHANE	21.0	26.5	126.2	0.7	38 51-127
1,1-DICHLOROETHYLENE	20.0	23.7	118.5	2.6	-
CHLOROFORM	19.6	18.6	94.9	6.2	-
1,1,1-TRICHL' ETHANE	19.8	20.2	102.0	5.3	40 54-134
TRICHLOROETHENE	20.2	20.4	101.0	8.9	-
CIS-1,3-DICHLORO PRO	19.8	19.3	97.5	2.0	-

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENT:

000129

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

INFMS

Lab Name: ESE

Project No.: 7934082G

SDG No.: G44136

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC #	QC LIMITS REC.
=====	=====	=====	=====	=====	=====
TRANS-1,3-DICHLORO PRO	19.8	0.	19.2	97.0	51-137
TETRACHLOROETHENE	20.0	1.12	21.6	108.0	-
CHLOROBENZENE	20.0	0.	19.0	95.0	69-127
1,1,2,2-TETRACHLORO ETH	20.0	0.	21.3	106.5	80-119
BENZENE	19.4	69.7	19.7	101.5	-
TOLUENE	20.2	0.	21.2	105.0	

COMPOUND	SPIKE ADDED	MSD CONCENTRATION	MSD % REC #	% RPD #	QC LIMITS RPD REC.
=====	=====	=====	=====	=====	=====
TRANS-1,3-DICHLORO PRO	19.8	18.2	91.9	5.4	43 51-137
TETRACHLOROETHENE	20.0	20.5	102.5	5.2	-
CHLOROBENZENE	20.0	18.3	91.5	3.8	29 68-126
1,1,2,2-TETRACHLORO ETH	20.0	20.9	104.5	1.9	19. 79-118
BENZENE	19.4	17.7	91.2	10.7	-
TOLUENE	20.2	20.9	103.5	1.4	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENT:

000130

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

46 136
Client ID

INFMS

Lab Name: ESE

Project No.: 7934082G

SDG No.: G44136

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC #	QC LIMITS REC.
=====	=====	=====	=====	=====	=====
ETHYLBENZENE	20.0	9.35	23.7	118.5	

COMPOUND	SPIKE ADDED	MSD CONCENTRATION	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
=====	=====	=====	=====	=====	=====	=====
ETHYLBENZENE	20.0	22.2	111.0	6.5		

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENT:

000131

ESE METHOD BLANK SUMMARY

Client ID 46 137

PBLK1

Lab Name: ESE

Project No: 7934082G

SDG No.: G44136

Lab Sample ID: MB*1117B*1

Lab File ID:

Matrix: (soil/water) WATER

Instrument ID:

Date Analyzed : 11/17/93

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
=====	=====	=====
MW76	CDDMTWD*1	11/18/93
MW77	CDDMTWD*2	11/18/93
MW3DL	CDDMTW*3	11/17/93
MW10SPDL	CDDMTW*10	11/17/93
MW11DL	CDDMTW*11	11/17/93
MW12SPDL	CDDMTW*12	11/17/93
AA	CDDMTW*60	11/18/93
MW25	CDDMTW*25	11/18/93
MW26	CDDMTW*26	11/18/93
MW36	CDDMTW*36	11/18/93
MW41DUP	CDDMTW*41	11/17/93
INFMS	SPM1*TCMM17*1	11/18/93
INFMSD	SPM2*TCMM17*1	11/18/93
MW42DUP	CDDMTW*42	11/17/93
AB	CDDMTW*53	11/18/93
AC	CDDMTW*56	11/19/93
AD	CDDMTW*57	11/19/93
AE	CDDMTW*58	11/19/93
INF	TCMM17*1	11/19/93
EFF	TCMM17*2	11/19/93
TRPBLK	TCMM17*3	11/19/93
MW16	CDDMTW*16	11/19/93

COMMENTS:

Client ID

REFERENCE STANDARD

SP1

Lab Name: ESE

SDG No: G44136

Lab Sample ID: SP1*1117B*1

Date Analyzed: 11/18/93

Standard Source:

Instrument ID:

Analyte	True	Found	C	%Recv	Limits
CCL3F	21.0	25.1		119.5	-
11DCE	20.0	22.1		110.5	51-127
CHCL3	19.6	20.2		103.1	-
111TCEA	19.8	21.1		106.6	-
TRCLE	20.2	21.7		107.4	54-134
C13DCPE	19.8	19.9		100.5	-
T13DCP	19.8	19.9		100.5	-
TCLEE	20.0	21.4		107.0	-
C6H5CL	20.0	19.5		97.5	51-137
1122TCLEA	20.0	21.1		105.5	-
MTBE	19.4	23.8		122.7	-
BENZENE	19.4	19.6		101.0	69-127
TOLUENE	20.2	21.3		105.4	80-119
E' BENZENE	20.0	21.0		105.0	-

Comments:

000133

FORM V ESE

SURROGATE RECOVERIES

46 139

Lab Name: ESE

Contract: 7934082G

SDG No.: G44136

Analyte: BROMOFLUOROBENZENE,H

Limits: 57-121

Client Sample ID	Recv
MW3DL	0
MW3	96
MW10SPDL	0
MW10SP	100
MW11DL	0
MW11	95
MW12SPDL	0
MW12SP	97
MW41DUP	103
MW41DUP	103
MW42DUP	98
MW42DUP	98
MW76	90
MW77	95
MW77DL	0
MW77DL	0
AA	90
MW25	105
MW26	89
MW36	101
INFMS	100
INFMSD	95
AB	92
AC	94
AD	91
AE	95
INF	94
EFF	89
TRPBLK	90
MW16	89

* Values outside of QC limits

000134

CALIBRATION VERIFICATION

ICV1

Lab Name: ESE

Project No: 7934082G

SDG No: G44136

Lab Sample ID: ICV*1117B*1

Date Analyzed: 11/18/93

Instrument ID:

Analyte	True	Found	C	%Diff	Limit
11DCE	20.0	19.6		2.0	
MECL2	20.0	20.3		1.5	
T12DCE	20.0	20.4		2.0	
11DCLEA	20.0	22.5		12.5	
111TCEA	20.0	18.8		6.0	
CCL4	20.0	19.0		5.0	
12DCLEA	20.0	18.7		6.5	
TRCLE	20.0	20.0		0.0	
12DCLP	20.0	19.5		2.5	
C13DCPE	20.0	19.5		2.5	
T13DCP	20.0	18.4		8.0	
112TCEA	20.0	19.7		1.5	
TCLEE	20.0	20.5		2.5	
C6H5CL	20.0	19.1		4.5	
1122TCLEA	20.0	19.7		1.5	
BENZENE	20.0	20.9		4.5	
TOLUENE	20.0	20.0		0.0	
E' BENZENE	20.0	20.7		3.5	

Comments:

000135

RAW DATA

GC OR HPLC BATCH DOCUMENTATION CHECKLIST

Initial or NA	ESE Standard
<u>6-24-94/136</u>	Batch printout (include % moisture)
<u>8010/8020</u>	Method-reference & deviations
<u>BWS</u>	Dilution factors checked
<u>BWS</u>	Sample Arrival Notices
<u>NA</u>	Extraction logsheets - copies
<u>BWS</u>	Chromatographic logsheets or copies
<u>BWS</u>	Instrument logbook pages
	(include instrument ID <u>✓</u>) copies
<u>NA</u>	Extractor notebook pages - copies
<u>BWS</u>	Analyst notebook pages - copies
<u>BWS</u>	Correspondence and memos
<u>BWS</u>	Chromatograms (labeled <u>✓</u>)
	unused chromatograms noted & explained <u>✓</u>
	column used <u>✓</u> , instrument conditions <u>✓</u>
<u>NA</u>	SW-846 Supplement
	Check sample results
	Surrogate results
	Evaluation standard results
	(pesticides only)
	Retention windows
	Navy Supplement
	Control Charts (each required analyte)
<u>✓</u>	Air Force Supplement
	Second column confirmation form
Notes: TCLE quantitated from primary column PID, 1127CE quantitated from secondary column ELCD. BWS 11/30/93	
<u>BWS</u>	<u>11/30/93</u>
Analyst Initials	Date
<u>[Signature]</u>	<u>11/30/93</u>
Checked by	Date

000138

ESE BATCH : 044136

QC TYPE : PDER/SM
ANALYST : BRUCE SMITH
EXTRACTOR :
DATA ENTRY : BRUCE SMITHREPORT DATE/TIME : 11/30/93 09:35:05
ANALYSIS DATE : 11/17/93
EXTRACT DATE :

STATUS :

METHOD BLANK CORRECTION METHOD : NONE

FIELD GRP	QC TYPE	PROJECT NUMBER	PROJECT NAME	LAB COORDINATOR
CDMTW		7934082G 0201	HUNTSVILLE COE - DDMT	PATRICK WILBER
CDMTWD		7934082G 0201	HUNTSVILLE COE - DDMT	PATRICK WILBER
TOMM17	PDER	7934091 0201	TIDY CAR	CHARLES FIORE

Sample Specific Raw Data

SAMPLE CODE	EXTRACT DATE	ANALYSIS DATE	ANALYSIS TIME	SAMPLE VOL or WT (NA)	EXTRACT VOL or WT (NA)	INJECTION VOLUME (NA)	MOISTURE
MS*1117B*1		11/17/93	08:42PM				
ICV*1117B*1		11/18/93	05:28AM				
DA*CDMTWD*1		11/18/93	06:29AM				
DA*CDMTWD*2		11/18/93	07:29AM				
DA*CDMTW*3		11/18/93	08:29AM				
DA*CDMTW*10		11/18/93	09:29AM				
DA*CDMTW*11		11/18/93	10:29AM				
DA*CDMTW*12		11/18/93	11:29AM				
DA*CDMTW*50		11/18/93	12:27PM				
DA*CDMTW*25		11/18/93	02:22PM				
DA*CDMTW*26		11/18/93	03:21PM				
DA*CDMTW*36		11/18/93	04:20PM				
CCS*1117B*1		11/18/93	05:20PM				
DA*CDMTW*41		11/18/93	06:48PM				
SPM*TCMM17*1		11/18/93	07:46PM				
SPM*TCMM17*1		11/18/93	08:46PM				
SP1*1117B*1		11/18/93	09:45PM				
DA*CDMTW*42		11/18/93	10:45PM				
DA*CDMTW*53		11/18/93	11:44PM				
DA*CDMTW*56		11/19/93	12:43AM				
DA*CDMTW*57		11/19/93	01:43AM				
DA*CDMTW*58		11/19/93	02:42AM				
DA*TCMM17*1		11/19/93	03:41AM				
DA*TCMM17*2		11/19/93	04:40AM				
DA*TCMM17*3		11/19/93	05:39AM				
DA*CDMTW*16		11/19/93	06:39AM				
CCS*1117B*2		11/19/93	07:38AM				
CCS*1118*3		11/19/93	05:37PM				
MS*CON*1		11/23/93	05:56PM				
ICV*CON*1		11/23/93	11:21PM				
CCS*CON*2		11/24/93	03:01PM				

000139

Parameter Specific Raw Data

SAMPLE CODE	STORET NAME	STATUS	RESPONSE (PK AREA)	DIL	TYPE	CURVE	RET TIME	SPIKE SOL CONC (UG/ML)	SPIKE SAMP VOL (ML)	SPIKE VOLUME (L)	DIL CODE	CALC'D TARGET (UG/L)
MB*1117B*1	DCDFM	OK	0		FINAL		0					
	CH3CL	OK	0		FINAL		0					
	VC	OK	0		FINAL		0					
	CH3BR	OK	0		FINAL		0					
	C2H5CL	OK	0		FINAL		0					
	CCL3F	OK	0		FINAL		0					
	11DCB	OK	0		FINAL		0					
	MECL2	OK	0		FINAL		0					
	T12DCB	OK	0		FINAL		0					
	11DCLEA	OK	0		FINAL		0					
	CHCL3	OK	0		FINAL		0					
	1117CEA	OK	0		FINAL		0					
	CCl4	OK	0		FINAL		0					
	12DCLEA	OK	0		FINAL		0					
	TRCLE	OK	0		FINAL		0					
	12DCLP	OK	0		FINAL		0					
	CHCL2BR	OK	0		FINAL		0					
	2CEVE	OK	0		FINAL		0					
	C13DCPE	OK	0		FINAL		0					
	T13DCP	OK	0		FINAL		0					
	1127CEA	OK	0		FINAL		0					
	TCLEE	OK	0		FINAL		0					
	CHCLBR2	OK	0		FINAL		0					
	C6H5CL	OK	0		FINAL		0					
	CHBR3	OK	0		FINAL		0					
	BFB, HALL	OK	859476	1	FINAL	1	38.04					817854
	11227CLEA	OK	16646	1		1	38.75					
	DCLBENZ, T	OK	0		FINAL		0					
	MTBE	OK	0		FINAL		0					
	BENZENE	OK	0		FINAL		0					
	TOLUENE	OK	0		FINAL		0					
	C'BENZENE	OK	0		FINAL		0					
	E'BENZENE	OK	0		FINAL		0					
	DCBENZENE	OK	0		FINAL		0					
	M, P-XYL	OK	0		FINAL		0					
	O-XYLENE, T.	OK	0		FINAL		0					
	XYLEN	OK	0		FINAL		0					
	13DMB	OK	0		FINAL		0					
	TVDA	OK	0		FINAL		0					
ICV*1117B*1	DCDFM	NA	0				0					
	11DCB	OK	1676084	1		1	7.49					20.0
	MECL2	OK	2050277	1		1	9.47					20.0
	T12DCB	OK	2084428	1		1	10.32					20.0
	11DCLEA	OK	2214786	1		1	12.51					20.0
	1117CEA	OK	2341017	1		1	16.78					20.0
	CCl4	OK	2807031	1		1	17.19					20.0
	12DCLEA	OK	1576706	1		1	18.50					20.0
	TRCLE	OK	2380932	1		1	20.38					20.0
	12DCLP	OK	1850567	1		1	21.31					20.0
	C13DCPE	OK	1804122	1		1	24.40					20.0
	T13DCP	OK	1192115	1		1	27.58					20.0
	1127CEA	OK	259134	1		1	27.77					20.0
	TCLEK	OK	133430	1		1	28.45					20.0
	C6H5CL	OK	903691	1		1	32.96					20.0
	BFB, HALL	OK	811050	1		1	38.14					817854
	11227CLEA	OK	971434	1		1	38.82					20.0
	BENZENE	OK	290858	1		1	18.04					20.0
	TOLUENE	OK	263728	1		1	25.60					20.0
	E'BENZENE	OK	257394	1		1	34.42					20.0
BA*CDKMTD*1	DCDFM	OK	0				0					
	CH3CL	OK	0				0					
	VC	OK	0				0					
	CH3BR	OK	0				0					
	C2H5CL	OK	0				0					
	CCL3F	OK	0				0					
	11DCB	OK	0				0					
	MECL2	OK	0				0					
	T12DCB	OK	0				0					
	11DCLEA	OK	0				0					
	CHCL3	OK	0				0					
	1117CEA	OK	0				0					
	CCl4	OK	0				0					
	12DCLEA	OK	0				0					
	TRCLE	OK	0				0					

000140

12DCLP	OK	0	0
CHCL2BR	OK	0	0
2CEVE	OK	0	0
C13DCPE	OK	0	0
T13DCP	OK	0	0
112TCEA	OK	0	0
TCLES	OK	0	0
CHCLBR2	OK	0	0
C6H5CL	OK	0	0
CHBR3	OK	0	0
BFB, HALL	OK	717802	1
11227CLEA	OK	10350	1
DCLBENZ, T	OK	0	0
MTBE	NR	OK-0	0
BENZENE	OK	0	0
TOLUENE	OK	0	0
C'BENZENE	OK	0	0
E'BENZENE	OK	0	0
DCBENZENE	OK	0	0
M, P-XYL	OK	0	0
O-XYLENE, T,	OK	0	0
XYLEN	OK	0	0
11DMB	OK	0	0
TVOA	NR	OK-0	0
DCDFM	OK	0	0
CH3CL	OK	0	0
VC	OK	930471	1
CH3BR	OK	0	0
C6H5CL	OK	0	0
CCL3F	OK	0	0
11DCE	OK	0	0
MECL2	OK	1713615	1
T12DCE	OK	1826912	1
11DCLEA	OK	0	0
CHCL3	OK	0	0
111TCEA	OK	1903895	1
CCL4	OK	0	0
12DCLEA	OK	1503470	1
TRCLE	OK	0	0
12DCLP	OK	0	0
CHCL2BR	OK	1641039	1
2CEVE	OK	0	0
C13DCPE	OK	1459989	1
T13DCP	OK	944228	1
112TCEA	OK	0	0
TCLES	OK	98719	1
CHCLBR2	OK	875510	1
C6H5CL	OK	0	0
CHBR3	OK	0	0
BFB, HALL	OK	724751	1
11227CLEA	OK	0	1
DCLBENZ, T	OK	0	0
MTBE	NR	OK-0	0
BENZENE	OK	0	0
TOLUENE	OK	0	0
C'BENZENE	OK	0	0
E'BENZENE	OK	0	0
DCBENZENE	OK	0	0
M, P-XYL	OK	0	0
O-XYLENE, T,	OK	0	0
XYLEN	OK	0	0
11DMB	OK	0	0
TVOA	NR	OK-0	0
DCDFM	OK	0	0
CH3CL	OK	0	0
VC	OK	0	0
CH3BR	OK	0	0
C6H5CL	OK	0	0
CCL3F	OK	0	0
11DCE	OK	3387152	1
MECL2	OK	0	0
T12DCE	OK	7872	1
11DCLEA	OK	96230	1
CHCL3	OK	427457	1
111TCEA	OK	403998	1
CCL4	OK	39869	1
12DCLEA	OK	50245	1
TRCLE	OK	5999191	1
12DCLP	OK	0	0
CHCL2BR	OK	0	0

817854

817854

000141

2CEVE	OK	0	0
CL13DCPE	OK	0	0
TL13DCP	OK	0	0
112TCEA	OK	0	0
TCLES	OK	60908	20
CHCLBR2	OK	0	1 28.19
C6H5CL	OK	0	0
CHBR3	OK	0	0
BFB, HALL	OK	788510	1
1122TCEA	OK	0	1 38.10
DCLBENZ, T	OK	0	0
MTBE	NR	OK-0	0
BENZENE	OK	0	0
TOLUENE	OK	0	0
C'BENZENE	OK	0	0
E'BENZENE	OK	0	0
DCBENZENE	OK	0	0
M, P-XYL	OK	0	0
O-XYLENE, T,	OK	0	0
XYLEN	OK	0	0
11DMS	OK	0	0
TVOA	NR	OK-0	0
DCDFM	OK	0	0
CH3CL	OK	0	0
VC	OK	11594	1
CH3BR	OK	0	1 3.63
C2H5CL	OK	0	0
CCL3F	OK	0	0
11DCE	OK	8207102	1
MECL2	OK	1134485	20
TL12DCE	OK	615981	20
11DCLEA	OK	323445	1
CHCL3	OK	566007	1
111TCEA	OK	749180	1
CCL4	OK	204261	1
12DCLEA	OK	278248	1
TRCLE	OK	5556710	20
12DCLP	OK	0	0
CHCL2BR	OK	0	0
2CEVE	OK	0	0
CL13DCPE	OK	0	0
TL13DCP	OK	0	0
112TCEA	OK	62393	1
TCLES	OK	44902	20
CHCLBR2	OK	0	1 27.67
C6H5CL	OK	0	1 28.16
CHBR3	OK	0	0
BFB, HALL	OK	819649	1
1122TCEA	OK	1577234	1
DCLBENZ, T	OK	0	1 38.10
MTBE	NR	OK-0	1 38.80
BENZENE	OK	5756	0
TOLUENE	OK	414426	1
C'BENZENE	OK	0	1 18.11
E'BENZENE	OK	0	1 25.31
DCBENZENE	OK	0	0
M, P-XYL	OK	0	0
O-XYLENE, T,	OK	0	0
XYLEN	OK	0	0
11DMS	OK	0	0
TVOA	NR	OK-0	0
DCDFM	OK	0	0
CH3CL	OK	0	0
VC	OK	0	0
CH3BR	OK	0	0
C2H5CL	OK	0	0
CCL3F	OK	0	0
11DCE	OK	0	0
MECL2	OK	0	0
TL12DCE	OK	1159910	1
11DCLEA	OK	0	1 9.72
CHCL3	OK	280733	0
111TCEA	OK	0	1 15.87
CCL4	OK	134373	0
12DCLEA	OK	0	1 17.25
TRCLE	OK	5399523	1
12DCLP	OK	0	1 20.01
CHCL2BR	OK	0	0
2CEVE	OK	0	0
CL13DCPE	OK	0	0

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T13DCP	OK	0		0
1127CEA	OK	0		0
TCLE	OK	70242	1	1 28.16
CHCLBR2	OK	0		0
C6H5CL	OK	0		0
CHBR3	OK	0		0
BFB, HALL	OK	775737	1	1 38.10
11227CLEA	OK	183778	1	1 38.81
DCLBENZ, T	OK	0		0
MTBE	NR	OK-0		0
BENZENE	OK	0		0
TOLUENE	OK	0		0
C' BENZENE	OK	0		0
E' BENZENE	OK	0		0
DCBENZENE	OK	0		0
M, P-XYL	OK	0		0
O-XYLENE, T,	OK	0		0
XYLEN	OK	0		0
13DMB	OK	0		0
TVGA	NR	OK-0		0
DCDFM	OK	0		0
CH3CL	OK	0		0
VC	OK	0		0
CH3BR	OK	0		0
C2H5CL	OK	0		0
CCL3F	OK	0		0
11DCB	OK	0		0
MECL2	OK	0		0
T12DCE	OK	2009087	1	1 9.71
11DCLEA	OK	0		0
CHCL3	OK	239403	1	1 15.85
1117CEA	OK	0		0
CCL4	OK	51072	1	1 17.26
12DCLEA	OK	48008	1	1 18.55
TRCLE	OK	7750226	20	1 20.00
12DCLP	OK	0		0
CHCL2BR	OK	0		0
2CEVE	OK	0		0
C13DCPE	OK	0		0
T13DCP	OK	0		0
1127CEA	OK	16993	1	1 27.65
TCLE	OK	89823	1	1 28.48
CHCLBR2	OK	0		0
C6H5CL	OK	24021	1	1 34.52
CHBR3	OK	0		0
BFB, HALL	OK	796150	1	1 38.09
11227CLEA	OK	546597	20	1 38.78
DCLBENZ, T	OK	0		0
MTBE	NR	OK-0		0
BENZENE	OK	0		0
TOLUENE	OK	0		0
C' BENZENE	OK	0		0
E' BENZENE	OK	0		0
DCBENZENE	OK	0		0
M, P-XYL	OK	0		0
O-XYLENE, T,	OK	0		0
XYLEN	OK	0		0
13DMB	OK	0		0
TVGA	NR	OK-0		0
DCDFM	OK	0		0
CH3CL	OK	0		0
VC	OK	0		0
CH3BR	OK	0		0
C2H5CL	OK	0		0
CCL3F	OK	0		0
11DCB	OK	0		0
MECL2	OK	0		0
T12DCE	OK	0		0
11DCLEA	OK	0		0
CHCL3	OK	0		0
1117CEA	OK	0		0
CCL4	OK	0		0
12DCLEA	OK	0		0
TRCLE	OK	131005	1	1 20.29
12DCLP	OK	0		0
CHCL2BR	OK	0		0
2CEVE	OK	0		0
C13DCPE	OK	0		0
T13DCP	OK	0		0
1127CEA	OK	0		0

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TCLE2	OK	0		0
CHCLBR2	OK	0		0
C2H5CL	OK	0		0
CHBR3	OK	0		0
BFB, HALL	OK	736215	1	1 38.17
1122TCLEA	OK	142043	1	1 38.46
DCLBENZ, T	OK	0		0
MTBE	NR	OK-0		0
BENZENE	OK	0		0
TOLOENE	OK	0		0
C' BENZENE	OK	0		0
E' BENZENE	OK	0		0
DCBENZENE	OK	0		0
M, P-XYL	OK	0		0
O-XYLENE, T,	OK	0		0
XYLEN	OK	0		0
13DMB	OK	0		0
TVOA	NR	OK-5		0
DCDFM	OK	0		0
CH3CL	OK	0		0
VC	OK	0		0
CH3BR	OK	0		0
C2H5CL	OK	0		0
CCL3P	OK	0		0
11DCE	OK	0		0
MECL2	OK	0		0
T12DCE	OK	0		0
11DCLEA	OK	0		0
CHCL3	OK	9935	1	1 16.44
111TCBA	OK	0		0
CCL4	OK	127786	1	1 17.48
12DCLEA	OK	0		0
TXCLE	OK	20922	1	1 20.60
12DCLP	OK	0		0
CHCL2BR	OK	0		0
2CEVE	OK	0		0
Cl3DCPE	OK	0		0
T13DCP	OK	0		0
112TCBA	OK	0		0
TCLE2	OK	71606	1	1 28.60
CHCLBR2	OK	0		0
C2H5CL	OK	0		0
CHBR3	OK	0		0
BFB, HALL	OK	861162	1	1 38.17
1122TCLEA	OK	0		0
DCLBENZ, T	OK	0		0
MTBE	NR	OK-0		0
BENZENE	OK	0		0
TOLOENE	OK	0		0
C' BENZENE	OK	0		0
E' BENZENE	OK	0		0
DCBENZENE	OK	0		0
M, P-XYL	OK	0		0
O-XYLENE, T,	OK	0		0
XYLEN	OK	0		0
13DMB	OK	0		0
TVOA	NR	OK-0		0
DCDFM	OK	0		0
CH3CL	OK	0		0
VC	OK	0		0
CH3BR	OK	0		0
C2H5CL	OK	0		0
CCL3P	OK	0		0
11DCE	OK	0		0
MECL2	OK	0		0
T12DCE	OK	0		0
11DCLEA	OK	0		0
CHCL3	OK	87198	1	1 16.04
111TCBA	OK	0		0
CCL4	OK	482127	1	1 16.75
12DCLEA	OK	0		0
TXCLE	OK	136602	1	1 20.10
12DCLP	OK	0		0
CHCL2BR	OK	0		0
2CEVE	OK	0		0
Cl3DCPE	OK	0		0
T13DCP	OK	0		0
112TCBA	OK	0		0
TCLE2	OK	40729	1	1 24.18
CHCLBR2	OK	0		0

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DA*CDMTW*36

C6H5CL	OK	0		0
CHBAJ	OK	0		0
BFB, HALL	OK	728042	1	1 38.09
1122TCLEA	OK	0		0
DCLBENZ, T	OK	0		0
MTBE	NR	OK-0		0
BENZENE	OK	0		0
TOLUENE	OK	0		0
C' BENZENE	OK	0		0
E' BENZENE	OK	0		0
DCBENZENE	OK	0		0
M, P-XYL	OK	0		0
O-XYLENE, T.	OK	0		0
XYLEN	OK	0		0
13DMB	OK	0		0
TVOA	NR	OK-0		0
DCDFM	OK	0		0
CH3CL	OK	0		0
VC	OK	0		0
CH3BR	OK	0		0
C2H5CL	OK	0		0
CCL3F	OK	0		0
11DCE	OK	0		0
MECL2	OK	0		0
T12DCE	OK	0		0
11DCLBA	OK	0		0
CHCL3	OK	0		0
1117CEA	OK	0		0
CCL4	OK	0		0
12DCLBA	OK	0		0
TRCLE	OK	0		0
12DCLP	OK	0		0
CHCL2BR	OK	0		0
2CEVE	OK	0		0
CH3DCPE	OK	0		0
T13DCP	OK	0		0
1127CEA	OK	0		0
TCLEE	OK	0		0
CHCLBR2	OK	0		0
C6H5CL	OK	0		0
CHBR3	OK	0		0
BFB, HALL	OK	822562	1	1 38.09
1122TCLEA	OK	0		0
DCLBENZ, T	OK	0		0
MTBE	NR	OK-0		0
BENZENE	OK	0		0
TOLUENE	OK	3131	1	1 25.29
C' BENZENE	OK	0		0
E' BENZENE	OK	0		0
DCBENZENE	OK	0		0
M, P-XYL	OK	0		0
O-XYLENE, T.	OK	0		0
XYLEN	OK	0		0
13DMB	OK	0		0
TVOA	NR	OK-0		0
DCDFM	NA	0	FINAL	0
C2H5CL	OK	1442513	1 FINAL	1 4.58
CCL3F	OK	2921441	1 FINAL	1 5.23
11DCE	OK	2094755	1 FINAL	1 6.99
MECL2	OK	2742525	1 FINAL	1 8.98
T12DCE	OK	2605789	1 FINAL	1 9.74
11DCLBA	OK	2485628	1 FINAL	1 11.67
CHCL3	OK	3618281	1 FINAL	1 15.91
1117CEA	OK	3201337	1 FINAL	1 16.18
CCL4	OK	3709293	1 FINAL	1 16.64
12DCLBA	OK	2003926	1 FINAL	1 18.02
TRCLE	OK	3010943	1 FINAL	1 20.03
12DCLP	OK	2295748	1 FINAL	1 20.99
CHCL2BR	OK	2236592	1 FINAL	1 22.12
2CEVE	OK	524990	1 FINAL	1 23.64
CH3DCPE	OK	2330089	1 FINAL	1 24.07
T13DCP	OK	1582032	1 FINAL	1 27.22
1127CEA	OK	0	FINAL	
TCLEE	OK	162439	1 FINAL	1 28.08
CHCLBR2	OK	1410731	1 FINAL	1 30.45
C6H5CL	OK	1209125	1 FINAL	1 33.79
CHBR3	OK	749265	1 FINAL	1 37.01
BFB, HALL	OK	861681	1 FINAL	1 38.08
1122TCLEA	OK	1254097	1 FINAL	1 38.77
MTBE	OK	73487	1 FINAL	1 9.86

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1144804
2271059
2010515
2563627
2527463
2428672
3327048
3003088
3680609
2003079
2954039
2288010
2277482
530632
2312421
1609713

171039
1429210
1198732
743563
817854
1203926
83045

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	BENZENE	OK	335402	1	FINAL	1	17.53	
	TOLUENE	OK	317016	1	FINAL	1	25.27	353321
	E' BENZENE	OK	318791	1	FINAL	1	34.27	337596
	M, P-XYL	OK	783578	1	FINAL	1		231621
	O-XYLENE, T,	OK	343538	1	FINAL	1	34.82	821092
	TVDA	OK	0		FINAL	1		361278
DA-CDDMTN-41	DODFM	OK	0				0	
	CH3CL	OK	0				0	
	VC	OK	0				0	
	CH3BR	OK	0				0	
	C6H5CL	OK	0				0	
	CCL3F	OK	0				0	
	11DCE	OK	9287678	1		1	6.94	
	MECL2	OK	1155793	20		1	8.90	
	112DCE	OK	723824	20		1	9.66	
	112DCEA	OK	325620	1		1	13.20	
	CHCL3	OK	559772	1		1	15.88	
	1117CEA	OK	748825	1		1	16.16	
	CCL4	OK	172893	1		1	17.62	
	112DCEA	OK	293677	1		1	18.86	
	TRCLE	OK	6456791	20		1	19.98	
	120DCLP	OK	0				0	
	CHCL2BR	OK	0				0	
	2CEVE	OK	0				0	
	CL3DCPE	OK	0				0	
	113DCP	OK	0				0	
	112TCEA	OK	69753	1		1	27.66	
	TCLE2	OK	50884	20		1	28.11	
	CHCLBR2	OK	0				0	
	C6H5CL	OK	0				0	
	CHBR3	OK	0				0	
	BFB, HALL	OK	839096	1		1	38.06	
	1122TCEA	OK	2044418	1		1	38.76	817854
	DCLBENZ, T	OK	0				0	
	MTSE	NR	OK-0				0	
	BENZENE	OK	0				0	
	TOLUENE	OK	449660	1		1	25.25	
	C' BENZENE	OK	0				0	
	E' BENZENE	OK	0				0	
	DCEBENZENE	OK	0				0	
	M, P-XYL	OK	0				0	
	O-XYLENE, T,	OK	0				0	
	XYLEN	OK	0				0	
	13DMS	OK	0				0	
	TVDA	NR	OK-0				0	
SPM1*TCM17-1	DODFM	NA	0				0	
	CCL3F	OK	2423289	1		1	5.37	21.0
	11DCE	OK	2036994	1		1	7.24	20.0
	CHCL3	OK	2692198	1		1	16.21	19.6
	1117CEA	OK	2650603	1		1	16.48	19.8
	TRCLE	OK	2811079	1		1	20.20	20.2
	CL3DCPE	OK	1834127	1		1	24.21	19.8
	113DCP	OK	1260853	1		1	27.35	19.8
	TCLE2	OK	148422	1		1	28.21	20.0
	C6H5CL	OK	923158	1		1	33.89	20.0
	BFB, HALL	OK	818761	1		1	38.13	817854
	1122TCEA	OK	1045085	1		1	38.82	20.0
	BENZENE	OK	1542828	1		2	17.79	19.4
	TOLUENE	OK	290571	1		1	25.40	20.2
	E' BENZENE	OK	421664	1		1	34.37	20.0
SPM2*TCM17-1	DODFM	NA	0				0	
	CCL3F	OK	2401152	1		1	5.32	21.0
	11DCE	OK	2080514	1		1	7.16	20.0
	CHCL3	OK	2543013	1		1	16.08	19.6
	1117CEA	OK	2507094	1		1	16.39	19.8
	TRCLE	OK	2608565	1		1	20.14	20.2
	CL3DCPE	OK	1798976	1		1	24.18	19.8
	113DCP	OK	1199731	1		1	27.34	19.8
	TCLE2	OK	141428	1		1	28.19	20.0
	C6H5CL	OK	887405	1		1	33.82	20.0
	BFB, HALL	OK	777627	1		1	38.11	817854
	1122TCEA	OK	1025316	1		1	38.80	20.0
	BENZENE	OK	1500132	1		2	17.68	19.4
	TOLUENE	OK	285658	1		1	25.39	20.2
	E' BENZENE	OK	401588	1		1	34.30	20.0
SP2*1117B-1	DODFM	NA	0				0	
	CCL3F	OK	2254142	1		1	5.26	21.0
	11DCE	OK	1904782	1		1	7.10	20.0
	CHCL3	OK	2712047	1		1	15.98	19.6
	1117CEA	OK	2617253	1		1	16.25	19.8

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	TRCLE	OK	2565943	1	1	20.05	20.2
	C13DCPE	OK	1835257	1	1	24.12	19.8
	T13DCP	OK	1286465	1	1	27.30	19.8
	TCLEE	OK	139828	1	1	28.16	20.0
	C6H5CL	OK	919421	1	1	33.86	20.0
	BFB, HALL	OK	790510	1	1	38.09	20.0
	1122TCLEA	OK	1036354	1	1	38.77	817854
	MTBE	OK	72843	1	1	9.85	20.0
	BENZENE	OK	292383	1	2	17.58	19.4
	TOLUENE	OK	281165	1	1	25.32	19.4
	E' BENZENE	OK	261926	1	1	34.33	20.2
DA*CDMTN-42	DCDFM	OK	0			0	20.0
	CH3CL	OK	0			0	
	VC	OK	0			0	
	CH3BR	OK	0			0	
	C2H5CL	OK	0			0	
	CCL3F	OK	0			0	
	11DCE	OK	0			0	
	MECL2	OK	0			0	
	T12DCE	OK	3348449	1	1	9.67	
	112DCEA	OK	0			0	
	CHCL3	OK	387686	1	1	15.99	
	111TCEA	OK	0			0	
	CCL4	OK	102107	1	1	16.72	
	12DCEA	OK	67099	1	1	18.09	
	TRCLE	OK	8721214	20	1	19.98	
	12DCLP	OK	0			0	
	CHCL2BR	OK	0			0	
	2CEVE	OK	0			0	
	C13DCPE	OK	0			0	
	T13DCP	OK	0			0	
	112TCEA	OK	26540	1	1	27.68	
	TCLEE	OK	127306	1	1	28.16	
	CHCLBR2	OK	0			0	
	C6H5CL	OK	0			0	
	CHBR3	OK	0			0	
	BFB, HALL	OK	800285	1	1	38.09	817854
	1122TCLEA	OK	575598	20	1	38.74	
	DCLBENZ, T	OK	0			0	
	MTBE	NR	OK-0			0	
	BENZENE	OK	0			0	
	TOLUENE	OK	0			0	
	C' BENZENE	OK	0			0	
	E' BENZENE	OK	0			0	
	DGBENZENE	OK	0			0	
	M, P-XYL	OK	0			0	
	O-XYLENE, T,	OK	0			0	
	XYLEN	OK	0			0	
	13DGB	OK	0			0	
DA*CDMTN-53	TVGA	NR	OK-0			0	
	DCDFM	OK	0			0	
	CH3CL	OK	0			0	
	VC	OK	0			0	
	CH3BR	OK	0			0	
	C2H5CL	OK	0			0	
	CCL3F	OK	0			0	
	11DCE	OK	0			0	
	MECL2	OK	9195	1	1	9.06	
	T12DCE	OK	0			0	
	112DCEA	OK	0			0	
	CHCL3	OK	0			0	
	111TCEA	OK	0			0	
	CCL4	OK	0			0	
	12DCEA	OK	0			0	
	TRCLE	OK	134726	1	1	20.08	
	12DCLP	OK	0			0	
	CHCL2BR	OK	0			0	
	2CEVE	OK	0			0	
	C13DCPE	OK	0			0	
	T13DCP	OK	0			0	
	112TCEA	OK	0			0	
	TCLEE	OK	0			0	
	CHCLBR2	OK	0			0	
	C6H5CL	OK	0			0	
	CHBR3	OK	0			0	
	BFB, HALL	OK	752478	1	1	38.07	817854
	1122TCLEA	OK	153955	1	1	38.76	
	DCLBENZ, T	OK	0			0	
	MTBE	NR	OK-0			0	
	BENZENE	OK	0			0	

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DA=CDOMTW=56

TOLUENE	OK	0			0
C' BENZENE	OK	0			0
E' BENZENE	OK	0			0
DCBENZENE	OK	0			0
M, P-XYL	OK	0			0
O-XYLENE, T,	OK	0			0
XYLEN	OK	0			0
11DMB	OK	0			0
TVDA	NR	OK-0			
DCDFM	OK	0			0
CH3CL	OK	0			0
VC	OK	0			0
CH3BR	OK	0			0
C2H5CL	OK	0			0
CCL3F	OK	0			0
11DCE	OK	0			0
MECL2	OK	10992	1	1	9.08
T12DCE	OK	0			0
11DCLEA	OK	0			0
CHCL3	OK	0			0
111TCEA	OK	0			0
CCL4	OK	0			0
12DCLEA	OK	0			0
TRCLE	OK	24968	1	1	20.10
12DCLP	OK	0			0
CHCL2BR	OK	0			0
2CEVE	OK	0			0
C13DCPE	OK	0			0
T13DCP	OK	0			0
112TCEA	OK	0			0
TCLSE	OK	0			0
CHCLBR2	OK	0			0
C6H5CL	OK	0			0
CHBR3	OK	0			0
BFB, HALL	OK	766091	1	1	38.10
1122TCEA	OK	13781	1	1	38.83
DCLBENZ, T	OK	0			0
MTBE	NR	OK-0			0
BENZENE	OK	0			0
TOLUENE	OK	0			0
C' BENZENE	OK	0			0
E' BENZENE	OK	0			0
DCBENZENE	OK	0			0
M, P-XYL	OK	0			0
O-XYLENE, T,	OK	0			0
XYLEN	OK	0			0
11DMB	OK	0			0
TVDA	NR	OK-0			
DCDFM	OK	0			0
CH3CL	OK	0			0
VC	OK	0			0
CH3BR	OK	0			0
C2H5CL	OK	0			0
CCL3F	OK	0			0
11DCE	OK	0			0
MECL2	OK	134239	1	1	9.03
T12DCE	OK	0			0
11DCLEA	OK	0			0
CHCL3	OK	0			0
111TCEA	OK	0			0
CCL4	OK	0			0
12DCLEA	OK	0			0
TRCLE	OK	13818	1	1	20.09
12DCLP	OK	0			0
CHCL2BR	OK	0			0
2CEVE	OK	0			0
C13DCPE	OK	0			0
T13DCP	OK	0			0
112TCEA	OK	0			0
TCLSE	OK	0			0
CHCLBR2	OK	0			0
C6H5CL	OK	0			0
CHBR3	OK	0			0
BFB, HALL	OK	746138	1	1	38.05
1122TCEA	OK	0			0
DCLBENZ, T	OK	0			0
MTBE	NR	OK-0			0
BENZENE	OK	0			0
TOLUENE	OK	0			0
C' BENZENE	OK	0			0

DA=CDOMTW=57

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DA-CDDMTV-58

E' BENZENE	OK	0		0
DCBENZENE	OK	0		
M, P-XYL	OK	0		
O-XYLENE, T,	OK	0		0
XYLEN	OK	0		0
13DMB	OK	0		
TVQA	NR	OK-0		
DCDFM	OK	0		0
CH3CL	OK	0		0
VC	OK	0		0
CH3BR	OK	0		0
C2H5CL	OK	0		0
CCL3F	OK	0		0
11DCB	OK	0		0
MECL2	OK	0		0
T12DCE	OK	0		0
11DCLEA	OK	0		0
CHCL3	OK	0		0
111TCEA	OK	0		0
CCL4	OK	0		0
12DCLEA	OK	0		0
TRCLE	OK	0		0
12DCLP	OK	0		0
CHCL3BR	OK	0		0
2CEVE	OK	0		0
C13DCPE	OK	0		0
T13DCP	OK	0		0
112TCEA	OK	0		0
TCLES	OK	0		0
CHCLBR2	OK	0		0
C6H5CL	OK	0		0
CHBR3	OK	0		0
BFB, HALL	OK	773055	1	1 38.10
112TTCLEA	OK	0		0
DCLBENZ, T	OK	0		0
MTBE	NR	OK-0		0
BENZENE	OK	0		0
TOLUENE	OK	0		0
C' BENZENE	OK	0		0
E' BENZENE	OK	0		0
DCBENZENE	OK	0		0
M, P-XYL	OK	0		0
O-XYLENE, T,	OK	0		0
XYLEN	OK	0		0
13DMB	OK	0		0
TVQA	NR	OK-0		
DCDFM	OK	0		0
CH3CL	OK	0		0
VC	OK	0		0
CH3BR	OK	0		0
C2H5CL	OK	0		0
CCL3F	OK	0		0
11DCB	OK	0		0
MECL2	OK	0		0
T12DCE	OK	0		0
11DCLEA	OK	0		0
CHCL3	OK	0		0
111TCEA	OK	0		0
CCL4	OK	0		0
12DCLEA	OK	0		0
TRCLE	OK	171853	1	1 20.13
12DCLP	OK	0		0
CHCL3BR	OK	0		0
2CEVE	OK	0		0
C13DCPE	OK	0		0
T13DCP	OK	0		0
112TCEA	OK	0		0
TCLES	OK	6263	1	1 28.20
CHCLBR2	OK	0		0
C6H5CL	OK	0		0
CHBR3	OK	0		0
BFB, HALL	OK	770064	1	1 38.08
112TTCLEA	OK	0		0
DCLBENZ, T	OK	0		0
MTBE	OK	59388	1	1 9.92
BENZENE	OK	1154994	1	2 17.57
TOLUENE	OK	7166	1	1 25.36
C' BENZENE	OK	0		0
E' BENZENE	OK	112725	1	1 34.33
DCBENZENE	OK	0		0

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000149

DA*TOC#17-3	M, P-XYL	OK	6880	1	1	
	O-XYLENE, T.	OK	8174	1	1	34.85
	XYLEN	OK	0			36.29
	13DMS	OK	0			
	TVOA	OK	79.05			
	DCDFM	OK	0			0
	CH3CL	OK	0			0
	VC	OK	0			0
	CH3BR	OK	0			0
	C2H5CL	OK	0			0
	CCL3F	OK	0			0
	11DCE	OK	0			0
	MECL2	OK	0			0
	T12DCE	OK	0			0
	11DCLEA	OK	0			0
	CHCL3	OK	0			0
	111TCEA	OK	0			0
	CCL4	OK	0			0
	12DCLEA	OK	0			0
	TRCLE	OK	0			0
DA*TOC#17-3	12DCLF	OK	0			0
	CHCL2BR	OK	0			0
	2CEVE	OK	0			0
	Cl3DCPE	OK	0			0
	T13DCP	OK	0			0
	112TCEA	OK	0			0
	TCLEF	OK	12315	1	1	28.19
	CHCLBR2	OK	0			0
	C6H5CL	OK	0			0
	CHBR3	OK	0			0
	BFB, HALL	OK	726142	1	1	38.11
	1122TCLEA	OK	0			0
	DCLBENZ, T	OK	0			0
	MTBE	OK	0			0
	BENZENE	OK	0			0
	TOLUENE	OK	0			0
	C' BENZENE	OK	0			0
	E' BENZENE	OK	0			0
	DCBENZENE	OK	0			0
	M, P-XYL	OK	0			0
DA*TOC#17-3	O-XYLENE, T.	OK	17874	1	1	0
	XYLEN	OK	0			36.23
	13DMS	OK	0			
	TVOA	OK	1.59			
	DCDFM	OK	0			0
	CH3CL	OK	0			0
	VC	OK	0			0
	CH3BR	OK	0			0
	C2H5CL	OK	0			0
	CCL3F	OK	0			0
	11DCE	OK	0			0
	MECL2	OK	25007	1	1	9.08
	T12DCE	OK	0			0
	11DCLEA	OK	0			0
	CHCL3	OK	0			0
	111TCEA	OK	0			0
	CCL4	OK	0			0
	12DCLEA	OK	0			0
	TRCLE	OK	0			0
	12DCLF	OK	0			0
DA*TOC#17-3	CHCL2BR	OK	0			0
	2CEVE	OK	0			0
	Cl3DCPE	OK	0			0
	T13DCP	OK	0			0
	112TCEA	OK	0			0
	TCLEF	OK	0			0
	CHCLBR2	OK	0			0
	C6H5CL	OK	0			0
	CHBR3	OK	0			0
	BFB, HALL	OK	738019	1	1	38.09
	1122TCLEA	OK	0			0
	DCLBENZ, T	OK	0			0
	MTBE	OK	0			0
	BENZENE	OK	0			0
	TOLUENE	OK	0			0
	C' BENZENE	OK	0			0
	E' BENZENE	OK	0			0
	DCBENZENE	OK	0			0
	M, P-XYL	OK	0			0
	O-XYLENE, T.	OK	0			0

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DA*CDMTW*16

KYLEN	OK	0			0
13DMB	OK	0			
TVQA	OK	0			
DCDFM	OK	0			0
CH3CL	OK	0			0
VC	OK	0			0
CH3BR	OK	0			0
C2H5CL	OK	0			0
CCL3F	OK	0			0
11DCE	OK	0			0
MECL2	OK	0			0
T12DCE	OK	0			0
11DCLEA	OK	0			0
CHCL3	OK	0			0
111TCEA	OK	0			0
CCL4	OK	0			0
12DCLEA	OK	0			0
TRCLE	OK	111874	1	1	20.15
12DCLP	OK	0			0
CHCL2BR	OK	0			0
2CEVE	OK	0			0
CL3DCPE	OK	0			0
T13DCP	OK	0			0
112TCEA	OK	0			0
TULEE	OK	0			0
CHCLBR2	OK	0			0
C6H5CL	OK	0			0
CHBR3	OK	0			0
BFB, HALL	OK	723877	1	1	38.10
1122TCEA	OK	0			0
DCLSEN2, T	OK	0			0
MTBE	NR	OK-0			0
BENZENE	OK	0			0
TOLUENE	OK	0			0
C* BENZENE	OK	0			0
E* BENZENE	OK	0			0
DCBENZENE	OK	0			0
M, P-XYL	OK	0			0
O-XYLENE, T.	OK	0			0
KYLEN	OK	0			0
13DMB	OK	0			0
TVQA	NR	OK-0			0
DCDFM	NA	0			0

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CCS*1117B*2

C2H5CL	OK	1321763	1	FINAL	1	4.59	1144804
CCL3F	OK	2735351	1	FINAL	1	5.24	2271059
11DCE	OK	2035198	1	FINAL	1	7.08	2010515
MECL2	OK	2673787	1	FINAL	1	9.04	2563627
T12DCE	OK	2663659	1	FINAL	1	9.82	2527463
11DCLEA	OK	2536004	1	FINAL	1	11.76	2426672
CHCL3	OK	3448932	1	FINAL	1	16.02	3327048
111TCEA	OK	3224887	1	FINAL	1	16.29	3003088
CCL4	OK	3784375	1	FINAL	1	16.73	1680609
12DCLEA	OK	1771845	1	FINAL	1	18.10	2003079
TRCLE	OK	3016371	1	FINAL	1	20.07	3954039
12DCLP	OK	2303067	1	FINAL	1	21.00	2288010
CHCL2BR	OK	2171502	1	FINAL	1	22.16	2277482
2CEVE	OK	818570	1	FINAL	1	23.70	530632
CL3DCPE	OK	2198336	1	FINAL	1	24.11	2312421
T13DCP	OK	1492156	1	FINAL	1	27.31	1609713
112TCEA	OK	0		FINAL			
TULEE	OK	158719	1	FINAL	1	28.18	171039
CHCLBR2	OK	1329747	1	FINAL	1	30.59	1429210
C6H5CL	OK	1194947	1	FINAL	1	33.84	1198732
CHBR3	OK	650815	1	FINAL	1	37.02	743563
BFB, HALL	OK	791734	1	FINAL	1	38.09	817454
1122TCEA	OK	1089996	1	FINAL	1	38.77	1203926
MTBE	OK	78069	1	FINAL	1	9.91	83045
BENZENE	OK	332370	1	FINAL	1	17.62	353321
TOLUENE	OK	321948	1	FINAL	1	25.33	337596
E* BENZENE	OK	315333	1	FINAL	1	34.32	391621
M, P-XYL	OK	772820	1	FINAL	1		821092
O-XYLENE, T.	OK	340099	1	FINAL	1	34.86	361270
DCDFM	NA	0		FINAL		0	
C2H5CL	OK	1307722	1	FINAL	1	4.52	1144804
CCL3F	OK	2724284	1	FINAL	1	5.13	2271059
11DCE	OK	2160510	1	FINAL	1	6.85	2010515
MECL2	OK	2766029	1	FINAL	1	8.82	2563627
T12DCE	OK	2776502	1	FINAL	1	9.58	2527463
11DCLEA	OK	2577008	1	FINAL	1	11.46	2426672
CHCL3	OK	3464886	1	FINAL	1	15.66	3327048

CCS*1118-3

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	1117CEA	OK	3237736	1	FINAL	1	15.95	
	CCLA	OK	3884438	1	FINAL	1	16.41	3003088
	12DCLEA	OK	2004133	1	FINAL	1	17.84	3680609
	TRCLE	OK	3291578	1	FINAL	1	19.89	2003079
	12DCLP	OK	2414339	1	FINAL	1	20.84	2954039
	CHCL2BR	OK	3304785	1	FINAL	1	22.01	2288010
	2CEVE	OK	503100	1	FINAL	1	23.55	2277482
	C13DCPE	OK	2369387	1	FINAL	1	23.98	530632
	T13DCP	OK	1554604	1	FINAL	1	27.17	2312421
	1127CEA	OK	0		FINAL			1609713
	TCLES	OK	160604	1	FINAL	1	28.03	
	CHCLBR2	OK	1374547	1	FINAL	1	30.44	171039
	C6H5CL	OK	1211315	1	FINAL	1	33.78	1429210
	CHBR1	OK	780377	1	FINAL	1	37.02	1194732
	BFB, HALL	OK	857265	1	FINAL	1	38.10	743563
	1122TCLEA	OK	1225573	1	FINAL	1	38.79	817854
	DCLBENZ, T	OK	0		FINAL			1203926
	MTBE	OK	75000	1	FINAL	1	9.64	83045
	BENZENE	OK	323309	1	FINAL	1	17.33	353321
	TOLUENE	OK	309128	1	FINAL	1	25.19	337596
	C' BENZENE	OK	0		FINAL			
	B' BENZENE	OK	307281	1	FINAL	1	34.27	331421
	DCBENZENE	OK	0		FINAL			
	M, P-XYL	OK	759778	1	FINAL	1		821092
	O-XYLENE, T,	OK	335830	1	FINAL	1	34.83	361270
	XYLEN	OK	0		FINAL		36.28	
	13DMS	OK	0		FINAL			
	TVCA	OK	0		FINAL			
MB*CON*1	DCDFM	OK	0		FINAL			
	CH3CL	OK	0		FINAL			
	VC	OK	0		FINAL			
	CH3BR	OK	0		FINAL			
	C2H5CL	OK	0		FINAL			
	CCL3F	OK	0		FINAL			
	11DCE	OK	0		FINAL			
	MECL2	OK	0		FINAL			
	T12DCE	OK	0		FINAL			
	11DCLEA	OK	0		FINAL			
	CHCL3	OK	0		FINAL			
	1117CEA	OK	0		FINAL			
	CCLA	OK	0		FINAL			
	12DCLEA	OK	0		FINAL			
	TRCLE	OK	0		FINAL			
	12DCLP	OK	0		FINAL			
	CHCL2BR	OK	0		FINAL			
	2CEVE	OK	0		FINAL			
	C13DCPE	OK	0		FINAL			
	T13DCP	OK	0		FINAL			
	1127CEA	OK	0		FINAL			
	TCLES	OK	0		FINAL			
	CHCLBR2	OK	0		FINAL			
	C6H5CL	OK	0		FINAL			
	CHBR1	OK	0		FINAL			
	BFB, HALL	OK	94326	1	FINAL	1	35.56	102115
	1122TCLEA	OK	0		FINAL			
	DCLBENZ, T	OK	0		FINAL			
	MTBE	OK	0		FINAL			
	BENZENE	OK	0		FINAL			
	TOLUENE	OK	0		FINAL			
	C' BENZENE	OK	0		FINAL			
	B' BENZENE	OK	0		FINAL			
	DCBENZENE	OK	0		FINAL			
	M, P-XYL	OK	0		FINAL			
	O-XYLENE, T,	OK	0		FINAL			
	XYLEN	OK	0		FINAL			
	13DMS	OK	0		FINAL			
	TVCA	OK	0		FINAL			
ICV*CON*1	DCDFM	NA	0					
	1127CEA	OK	259134	1		1	27.75	20.0
	BFB, HALL	OK	90271	1		1		102115
CCS*CON*2	DCDFM	NA	0		FINAL			
	1127CEA	OK	347215	1	FINAL	1	27.65	318458
	BFB, HALL	OK	110424	1	FINAL	1	35.49	112816

STORET: 14458 METHOD: 8010-G DICHLORODIFLUORO METHANE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= 18SD-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA	0.0	
1117B*2	NA	0.0	
1118*3	NA	0.0	
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELA DIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELA DIFF

STORET: 14418 METHOD: 8010-G CHLOROMETHANE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= 18SD-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA	0.0	
1117B*2	NA	0.0	
1118*3	NA	0.0	
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELA DIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELA DIFF

STORET: 19175 METHOD: 8010-G VINYL CHLORIDE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=1162422 18SD=24.0312

CONC	0	1	2.5	5	10	25
RESP	0	57230	80573	199357	399631	1162422
CONC	-0.151	1.45	2.09	5.22	9.89	25.0
R.T.	0	3.49	3.49	3.51	3.53	3.53

CONC = -1.5099E-01+ 2.8377E-05*RESP- 7.2757E-12*RESP**2. *RESP**3

95% C.I.= 5.1965E-01 1.1445E-06 2.1206E-12

CORRELATION COEFFICIENT = .9995

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA	0.0	
1117B*2	NA	0.0	

000153

1118*3 NA 0.0
CON*2 NA 0.0

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 14413 METHOD: 8010-G BROMOMETHANE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= 185D-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA	0.0	
1117B*2	NA	0.0	
1118*3	NA	0.0	
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 14111 METHOD: 8010-G CHLOROETHANE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= 185D-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	1440000	1140000	26.3 Percent Difference exceeds criteria. (>20)
1117B*2	1320000	1140000	15.8
1118*3	1310000	1140000	14.9
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 14188 METHOD: 8010-G TRICHLOROETHANE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= 9272014 185D=18.5318

CONC	0	1	2.5	5	10	25	100
RESP	0	118977	170581	434812	822546	2271059	9272014
CONC	0.210	1.53	2.11	5.04	9.34	25.3	100.0
R.T.	0	9.14	5.19	5.26	5.14	5.38	5.51

CONC = 2.1000E-01+ 1.1130E-05*RESP+ -3.9735E-14*RESP**2- -RESP**3

000154

95% C.I. = 5.3592E-01 6.7398E-07 7.0309E-14
CORRELATION COEFFICIENT = .9999

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METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B-1	0.0
CON-1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B-1	2920000	2270000	28.6 Percent Difference exceeds criteria. (>20)
1117B-2	2740000	2270000	20.7 Percent Difference exceeds criteria. (>20)
1118-3	2720000	2270000	19.8
CON-2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B-1	NA		
CON-1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF
SP1-1117B-1	0.0	25.1	25.1	21.0	119.5	

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF
SPM1-TOM17-1	0.210	26.9	26.7	21.0	127.1	
SPM2-TOM17-1	0.210	26.7	26.5	21.0	126.2	

STORE: 34501 METHOD: 8010-G 1,1-DICHLOROETHYLENE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=9341225 %RSD=14.1602

CONC	0	1	2.5	5	10	25	50	100
RESP	0	59786	182241	415293	796399	2010515	4569600	9341225
CONC	0.498	1.19	2.61	5.27	9.63	23.3	51.2	99.8
R.T.	0	6.41	6.90	7.03	7.19	7.23	7.32	7.43

CONC = 4.9835E-01+ 1.1541E-05*RESP- -9.7587E-14*RESP**2+ *RESP**3
95% C.I. = 9.6888E-01 8.5301E-07 9.2014E-14
CORRELATION COEFFICIENT = .9997

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B-1	0.0
CON-1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B-1	2090000	2010000	4.0
1117B-3	2040000	2010000	1.5
1118-3	2160000	2010000	7.5
CON-2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B-1	19.6	20.0	2.0
CON-1	NA		

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF
SP1-1117B-1	0.0	22.1	22.1	20.0	110.5	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF
SPM1-TOM17-1	0.498	23.6	23.1	20.0	115.5	
SPM2-TOM17-1	0.498	24.2	23.7	20.0	118.5	2.6

STORE: 34423 METHOD: 8010-G METHYLENE CHLORIDE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=10033546 %RSD=5.7084

CONC	0	1.02	2.55	5.1	10.2	25.5	102
RESP	0	87778	253369	532997	1033060	2563627	10033546
CONC	0.003	0.859	2.51	5.24	10.4	25.4	102
R.T.	0	6.75	6.85	6.98	9.12	9.17	9.37

CONC = -2.7684E-03+ 9.8158E-06*RESP+ 3.4970E-14*RESP**2+ *RESP**3
95% C.I. = 1.6222E-01 1.7824E-07 1.7145E-14
CORRELATION COEFFICIENT = 1.0000

000155

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	2740000	2560000	7.0
1117B*2	2670000	2560000	4.3
1118*3	2770000	2560000	8.2
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	20.3	20.0	1.3
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 14546 METHOD: 8010-G TRANS-1,2-DICHLORO ETHENE, DG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=9500226 WSTD=7.4725

CONC	0	1	2.5	5	10	25	100
RESP	0	88582	264899	537106	1062614	2537463	9500226
CONC	0.048	0.803	2.50	5.14	10.3	24.8	100
R.T.	0	9.48	9.58	9.73	9.87	9.96	10.18

CONC = -4.8163E-02+ 9.5912E-06*RESP+ 9.8284E-14*RESP**2+ *RESP**3

95% C.I.= 2.1536E-01 2.4123E-07 2.4490E-14

CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	2610000	2530000	3.2
1117B*2	2660000	2530000	5.1
1118*3	2780000	2510000	9.9
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	20.4	20.0	2.0
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 14496 METHOD: 8010-G 1,1-DICHLOROETHANE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=9849433 WSTD=12.3734

CONC	0	.99	2.475	4.95	9.9	24.75	99
RESP	0	69460	234311	476418	999790	2426672	9849433
CONC	0.083	0.787	2.46	4.91	10.2	24.6	99.0
R.T.	0	11.34	11.40	11.67	11.84	12.00	12.25

CONC = 8.2719E-02+ 1.0134E-05*RESP+ -9.1837E-15*RESP**2+ *RESP**3

95% C.I.= 2.1593E-01 2.4901E-07 2.4424E-14

CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE

000156

1117B*1*	2490000	2430000	2.5
1117B*2	2540000	2430000	4.5
1118*3	2580000	2430000	6.2
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	22.5	20.0	12.5
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORET: 32106 METHOD: 8010-G CHLOROPFORM, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=11223093 WSTD=14.4393

CONC	0	1	2.5	5	10	25	100
RESP	0	89873	314211	564337	1348887	3327048	11223093
CONC	0.281	0.899	2.45	4.92	9.84	25.1	100.0
R.T.	0	15.61	15.76	15.86	16.07	16.19	16.39

CONC = 2.8075E-01+ 6.8648E-06*RESP+ 1.7996E-13*RESP**2+ *RESP**3
 95% C.I.= 2.0003E-01 1.7780E-07 1.5332E-14
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	3420000	3330000	2.7
1117B*2	3450000	3330000	3.6
1118*3	3460000	3330000	3.9
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SP1=1117B*1	0.0	20.2	20.2	19.6	103.1	

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SPM1=TCM17*1	0.281	20.1	19.8	19.6	101.0	
SPM2=TCM17*1	0.281	18.9	18.6	19.6	94.9	

STORET: 34506 METHOD: 8010-G 1,1,1-TRICHL'ETHANE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=11883074 WSTD=5.4502

CONC	0	9.8	2.45	4.9	9.8	24.5	98
RESP	0	118328	333675	661086	1283486	3003088	11883074
CONC	0.214	0.752	2.45	5.16	10.2	24.2	98.0
R.T.	0	15.89	16.04	16.13	16.33	16.44	16.55

CONC = -2.1407E-01+ 8.0964E-06*RESP+ 1.4273E-14*RESP**2+ *RESP**3
 95% C.I.= 1.4997E-01 3.2353E-07 2.6225E-14
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	3200000	3000000	6.7
1117B*2	3220000	3000000	7.3
1118*3	3240000	3000000	8.0
CON*2	NA	0.0	

000157

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	18.8	20.0	6.0
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF
SPI*1117B*1	0.0	21.1	21.1	19.8	106.6	

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF
SPK1*TCM17*1	0.0	21.3	21.3	19.8	107.6	
SPK2*TCM17*1	0.0	20.2	20.2	19.8	102.0	

STORET: 12102 METHOD: 8010-G CARBON TETRACHLORIDE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=13192679 %RSD=7.0790

CONC	0	1.01	2.525	5.05	10.1	25.25	101
RESP	0	138860	400073	769939	1528530	3680609	13192679
CONC	-0.017	0.893	2.61	5.07	10.2	25.2	101
R.T.	0	16.35	16.51	16.59	16.79	16.88	17.08

CONC = -1.7018E-02+ 6.5392E-05*RESP+ 8.4745E-14*RESP**2+ *RESP**3
 95% C.I.= 9.6095E-02 7.5081E-08 5.4900E-15
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	3710000	3680000	0.8
1117B*2	3780000	3680000	2.7
1118*3	3880000	3680000	5.4
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	19.0	20.0	5.0
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 14531 METHOD: 8010-G 1,2-DICHLOROETHANE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=8060182 %RSD=8.6903

CONC	0	.99	2.475	4.95	9.9	24.75	49.5	99
RESP	0	63407	197904	407091	798274	2001079	4212260	8060182
CONC	0.346	1.07	2.62	5.04	9.58	23.7	50.3	98.8
R.T.	0	17.78	17.92	17.98	18.16	18.23	18.30	18.41

CONC = 3.4551E-01+ 1.1890E-05*RESP+ 9.0427E-14*RESP**2+ *RESP**3
 95% C.I.= 6.4415E-01 6.2890E-07 7.8922E-14
 CORRELATION COEFFICIENT = .9999

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	2000000	2000000	0.0
1117B*2	1770000	2000000	-11.5
1118*3	2000000	2000000	0.0
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	18.7	20.0	6.5
CON*1	NA		

000158

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 39180 METHOD: 8010-G TRICHLOROETHENE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=9795822 WSTD=11.1092

CONC	0	1	2.5	5	10	25	100
RESP	0	92466	293981	606890	1174989	2954039	9795822
CONC	0.233	0.947	2.52	5.00	9.63	25.2	100.0
R.T.	0	19.92	19.92	19.98	20.13	20.17	20.34

CONC = 2.3223E-01+ 7.6976E-05*RESP- 2.5377E-13*RESP**2- *RESP**3
 95% C.I.= 2.6274E-01 2.6417E-07 2.6085E-14
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	3010000	2950000	2.0
1117B*2	3020000	2950000	2.4
1118*1	3290000	2950000	11.5
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	20.0	20.0	0.0
CON*1	NA		

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF
SP1=1117B*1	0.0	21.7	21.7	20.2	107.4	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF
SPM1=TCM17*1	1.56	23.9	22.3	20.2	110.4	
SPM2=TCM17*1	1.56	22.0	20.4	20.2	101.0	8.9

STORET: 34541 METHOD: 8010-G 1,2-DICHLOROPROPANE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=8980669 WSTD=8.8940

CONC	0	1	2.5	5	10	25	50	100
RESP	0	73236	232669	492861	901918	2288010	4718838	8980669
CONC	0.243	0.995	2.43	5.32	9.56	24.2	50.7	99.9
R.T.	0	20.76	20.83	20.92	21.06	21.09	21.18	21.26

CONC = 2.4341E-01+ 1.0249E-05*RESP- 9.3929E-14*RESP**2- *RESP**3
 95% C.I.= 5.5591E-01 4.8643E-07 5.4755E-14
 CORRELATION COEFFICIENT = .9999

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	2300000	2290000	0.4
1117B*2	2300000	2290000	0.4
1118*1	2410000	2290000	5.2
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	19.5	20.0	2.5
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

000159

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=8954713 WSTD=11.3528
 CONC : 0 1.03 2.575 5.15 10.3 25.75 103
 RESP : 0 66205 219625 460972 872399 2277482 8954713
 CONC': 0.149 0.893 2.62 5.33 9.96 25.9 103
 R.T.: 0 21.94 22.02 22.09 22.22 22.26 22.42

CONC = 1.4940E-01 1.1223E-05*RESP- 2.9321E-14*RESP**2- *RESP**3
 95% C.I.= 2.4166E-01 3.0243E-07 3.2643E-14
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
 1117B*1 0.0
 CON*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	2240000	2280000	-1.8
1117B*2	2170000	2280000	-4.8
1118*3	2300000	2280000	0.9
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORET: 34576 METHOD: 8010-G 2-CHLOROETHYL VINYL ETHER, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= WSTD=

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
 1117B*1 0.0
 CON*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	525000	531000	-1.1
1117B*2	419000	531000	-21.1 Percent Difference exceeds criteria. (>20)
1118*3	503000	531000	-5.3
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORET: 34784 METHOD: 8010-G CIS-1,3-DICHLORO PROPENE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=9050154 WSTD=12.3203
 CONC : 0 .99 2.475 4.95 9.9 24.75 99
 RESP : 0 48247 235850 467177 819463 2112421 9050154
 CONC': 0.159 0.889 2.68 5.38 9.94 25.0 99.0
 R.T.: 0 23.90 23.99 24.04 24.17 24.22 24.34

CONC = 1.5914E-01 1.0697E-05*RESP+ 2.4662E-14*RESP**2- *RESP**3
 95% C.I.= 6.0422E-01 7.5187E-07 6.0306E-14
 CORRELATION COEFFICIENT = .9999

METHOD BLANK(S)

SAMPLE ID CONCENTRATION

000150

1117B*1 0.0
CON*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	2330000	2310000	0.9
1117B*2	2200000	2310000	-4.8
111B*3	2370000	2310000	2.6
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	19.5	20.0	2.5
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SP1-1117B*1	0.0	19.9	19.9	19.8	100.5	

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SPM1-TOMM17*1	0.159	19.9	19.7	19.8	99.5	
SPM2-TOMM17*1	0.159	19.5	19.3	19.6	97.5	

STORET: 34699 METHOD: 8010-G TRANS-1,1-DICHLORO PROPENE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=6165671 %RSD=21.2645

CONC	0	1.99	2.475	4.95	24.75	99
RESP	0	33094	140648	297349	1609713	6165671
CONC	0.313	0.813	2.44	4.81	24.8	99.0
R.T.	0	27.13	27.20	27.22	27.40	27.50

CONC = 3.1300E-01+ 1.5107E-05*RESP+ 5.2169E-14*RESP**2. *RESP**3
5% C.I.= 2.4424E-01 4.3409E-07 5.6442E-14
CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	1580000	1610000	-1.9
1117B*2	1490000	1610000	-7.5
111B*3	1550000	1610000	-3.7
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	18.4	20.0	8.0
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SP1-1117B*1	0.0	19.9	19.9	19.8	100.5	

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SPM1-TOMM17*1	0.313	19.5	19.2	19.8	97.0	
SPM2-TOMM17*1	0.313	18.5	18.2	19.6	91.9	

STORET: 34511 METHOD: 8010-G 1,1,2-TRICHL.ETHANE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 23 NOV 1993 LARGEST RESPONSE=318468 %RSD=19.8941

CONC	0	1	2.5	5	25
RESP	0	20171	39250	73423	318468
CONC	-1.244	1.21	2.51	4.92	25.0
R.T.	0	27.75	27.75	27.75	27.75

CONC = -1.4187E-01+ 5.6055E-05*RESP+ 4.0528E-11*RESP**2. *RESP**3
5% C.I.= 2.9876E-01 5.5366E-06 2.4967E-11
CORRELATION COEFFICIENT = .9999

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

000161

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	0.0	0.0	
1117B*2	0.0	0.0	
1118*3	0.0	0.0	
CON*2	347000	318000	9.1

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	19.7	20.0	1.5
CON*1	19.7	20.0	1.5

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORE: 34475 METHOD: 8010-G TETRACHLOROETHENE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=836793 %RSD=12.4972

CONC	0	1.03	2.575	5.15	10.3	25.75	103
RESP	0	6096	16368	31586	62390	171039	836793
CONC*	0.116	1.10	2.71	5.09	9.83	25.9	103
R.T.:	0	27.97	28.06	28.08	28.21	28.28	28.37

CONC = 1.3628E-01+ 1.5806E-04*RESP- -4.1997E-11*RESP**2. *RESP**3
 95% C.I.= 2.9105E-01 4.6587E-06 5.3892E-12
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	162000	171000	-5.3
1117B*2	159000	171000	-7.0
1118*3	161000	171000	-5.6
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	20.5	20.0	2.5
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SP1*1117B*1	0.0	21.4	21.4	20.0	107.0	

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SPM1*TOH17*1	1.12	22.7	21.6	20.0	108.0	
SPM2*TOH17*1	1.12	21.6	20.5	20.0	102.5	

STORE: 32105 METHOD: 8010-G DIBROMOCHLOROMETHANE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=6041923 %RSD=20.1405

CONC	0	.99	2.475	4.95	9.9	24.75	99
RESP	0	11181	131934	268100	514715	1429210	6041923
CONC*	0.111	0.858	2.62	5.00	9.29	25.0	99.0
R.T.:	0	30.45	30.47	30.52	30.63	30.66	30.76

CONC = 3.1104E-01+ 1.7553E-05*RESP- -2.0207E-13*RESP**2. *RESP**3
 95% C.I.= 3.9748E-01 7.8844E-07 1.2635E-13
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	1430000	1430000	-1.4
1117B*2	1330000	1430000	-7.0

000162

1118-3 1370000 1430000 -4.2
CON*2 NA 0.0

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORET: 32301 METHOD: 8010-G CHLOROBENZENE, UG/L COAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=5046514 WRSD=18.4152

CONC	0	1.02	2.55	5.1	10.2	25.5	51	102
RESP	0	26789	108824	216172	438348	1198732	2492792	5046514
CONC	0.493	1.05	2.75	4.97	9.57	25.3	51.4	102
R.T.	0	33.27	33.79	33.81	33.85	33.87	33.89	33.93

CONC = 4.9267E-01+ 2.0760E-05*RESP- 1.3121E-13*RESP**2. *RESP**3
95% C.I.= 4.3703E-01 5.9592E-07 1.3924E-11
CORRELATION COEFFICIENT = .9999

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	1210000	1200000	0.8
1117B*2	1190000	1200000	-1.8
1118-3	1230000	1200000	2.5
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	19.1	20.0	-0.5
CON*1	NA		

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SP1-1117B*1	0.0	19.5	19.5	20.0	97.5	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SPM1-TOM17*1	0.493	19.5	19.0	20.0	95.0	
SPM2-TOM17*1	0.493	18.8	18.3	20.0	91.5	3.8

STORET: 32104 METHOD: 8010-G BROMOFORM, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= WRSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	749000	744000	0.7
1117B*2	650000	744000	-12.6
1118-3	750000	744000	0.8
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

000163

STORET: 98315 METHOD: SUR BROMOFLUOROBENZENE, HALL, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= 1RSB-

STORET: 34516 METHOD: 8010-G 1,1,2,2-TETRACHLORO ETHANE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= 4880232 1RSB=6.5884

CONC	0	.98	2.45	4.9	9.8	24.5	98
RESP	0	54521	117013	265117	474059	1203926	4880232
CONC	-.211	0.915	2.62	5.26	9.58	24.5	98.0
R.T.	0	38.74	38.76	38.74	38.78	38.79	38.79

CONC = -2.1098E-01+ 2.0653E-05*RESP+ -1.0819E-13*RESP**3+ *RESP**3

954 C.I.= 2.8104E-01 6.5707E-07 1.2974E-11

CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID CONCENTRATION

1117B*1 0.546

CON*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID CALC. CONC KNOWN CONC DIFFERENCE

1117B*1 1250000 1200000 4.2

1117B*2 1090000 1200000 -9.2

1118*3 1230000 1200000 2.5

CON*2 NA 0.0

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID CALC. CONC KNOWN CONC DIFFERENCE

1117B*1 19.7 20.0 1.5

CON*1 NA

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID UNSP CONC SPK CONC FOUND TARGET % RECV RELDIFF

SPI*1117B*1 0.546 21.1 20.6 20.0 103.0

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID UNSP CONC SPK CONC FOUND TARGET % RECV RELDIFF

SPI*1117B*1 0.0 21.3 21.3 20.0 106.5

SPI*1117B*1 0.0 20.9 20.9 20.0 104.5

STORET: 81524 METHOD: 8010-G DICHLOROBENZENE, TOT, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= 1RSB-

METHOD BLANK(S)

SAMPLE ID CONCENTRATION

1117B*1 0.0

CON*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID CALC. CONC KNOWN CONC DIFFERENCE

1117B*1 NA 0.0

1117B*2 NA 0.0

1118*3 0.0 0.0

CON*2 NA 0.0

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID CALC. CONC KNOWN CONC DIFFERENCE

1117B*1 NA

CON*1 NA

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID UNSP CONC SPK CONC FOUND TARGET % RECV RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID UNSP CONC SPK CONC FOUND TARGET % RECV RELDIFF

STORET: 81876 METHOD: 8026-G METHYL-T-BUT ETHER, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= 325436 1RSB=5.8092

CONC	0	1	2.5	5	10	25	50	100
RESP	0	1012	7341	14032	30824	83045	181180	325436
CONC	-.097	0.906	2.35	4.56	10.0	27.0	48.5	100

000164

R.T.: 0 9.46 9.70 9.81 9.97 10.03 10.15 10.24

46 170

CONC = -9.6725E-02- 3.3319E-04*RESP- -7.6940E-11*RESP**2- *RESP**3
954 C.I.= 1.1512E-00 2.7871E-05 8.5451E-11
CORRELATION COEFFICIENT = .9996

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	73500	83000	-11.4
1117B*2	78100	83000	-5.9
1118*3	75000	83000	-9.6
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% REC'D	RELADIFF.
SP1*1117B*1	0.0	23.8	23.8	19.4	122.7	

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% REC'D	RELADIFF.

STORET: 34010 METHOD: 8020-G BENZENE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=809751 WRSD=10.0274
CONC : 0 .99 2.475 4.95 9.9 24.75 49.5
RESP : 0 14015 32570 62621 126149 353321 809751
CONC': 0.05 1.14 2.57 4.84 9.54 25.0 49.5
R.T.: 0 17.26 17.40 17.47 17.67 17.75 17.82

CONC = 5.5514E-02- 7.7763E-05*RESP- -2.0659E-11*RESP**2- *RESP**3
954 C.I.= 2.5828E-01 2.6229E-06 3.1859E-12
CORRELATION COEFFICIENT = .9999

CALIBRATION CURVE # 2 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=1739396 WRSD=13.0704
CONC : 0 .99 2.475 4.95 9.9 24.75 49.5 99
RESP : 0 14015 32570 62621 126149 353321 809751 1739396
CONC': 0.05 1.58 2.80 4.78 8.93 23.4 50.6 98.6
R.T.: 0 17.26 17.40 17.47 17.67 17.75 17.82 17.93

CONC = 5.4815E-01- 6.6345E-05*RESP- -5.6957E-12*RESP**2- *RESP**3
954 C.I.= 9.7499E-01 4.7361E-06 2.2380E-12
CORRELATION COEFFICIENT = .9997

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	335000	353000	-5.1
1117B*2	332000	353000	-5.9
1118*3	323000	353000	-8.5
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	20.9	20.0	4.5
CON*1	NA		

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% REC'D	RELADIFF.
SP1*1117B*1	0.0	19.6	19.6	19.4	101.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% REC'D	RELADIFF.
SPM1*TCMH17*1	89.7	89.4	19.7	19.4	101.5	
SPM2*TCMH17*1	89.7	87.4	17.7	19.4	91.2	10.7

000165

STORET: 14010 METHOD: 8020-G TOLUENE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=1662947 %RSD=12.8313

CONC	0	1	2.5	5	10	25	100
RESP	0	13100	12847	60228	118793	337596	1662947
CONC	0.17	1.19	2.73	4.83	9.29	25.3	100.0
R.T.	0	25.09	25.21	25.23	25.37	25.43	25.55

CONC = 1.7279E-01+ 7.8059E-05*RESP+ -1.0845E-11*RESP**2- *RESP**3
 95% C.I.= 4.5271E-01 3.4871E-06 2.1471E-12
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	317000	338000	-6.2
1117B*2	322000	338000	-4.7
1118*3	309000	338000	-8.6
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	20.0	20.0	0.0
CON*1	NA		

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SP1*1117B*1	0.0	21.3	21.3	20.2	105.4	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SPM1*TON117*1	0.73	21.9	21.2	20.2	105.0	
SPM2*TON117*1	0.73	21.6	20.9	20.2	103.5	1.4

STORET: 14101 METHOD: 8020-G CHLOROBENZENE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= %RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA	0.0	
1117B*2	NA	0.0	
1118*3	0.0	0.0	
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORET: 14171 METHOD: 8020-G ETHYLBENZENE, UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=1588871 %RSD=12.5528

CONC	0	1.04	2.6	5.2	10.4	26	104
RESP	0	11829	32203	59031	116103	331621	1588871
CONC	0.22	1.19	2.86	5.04	9.62	26.3	104
R.T.	0	34.23	34.26	34.28	34.32	34.34	34.40

CONC = 2.2163E-01+ 8.2215E-05*RESP+ -1.0640E-11*RESP**2- *RESP**3
 95% C.I.= 4.9327E-01 4.1172E-06 2.5094E-12
 CORRELATION COEFFICIENT = .9999

000166

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	319000	332000	-3.9
1117B*2	315000	332000	-5.1
1118*3	307000	332000	-7.5
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	20.7	20.0	3.5
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF
SP1-1117B*1	0.0	21.0	21.0	20.0	105.0	

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF
SPM1-TOMM17*1	9.35	33.0	23.7	20.0	118.5	
SPM2-TOMM17*1	9.35	31.5	22.2	20.0	111.0	

STORE1: 81524 METHOD: 8020-G DICHLOROBENZENE TOT. UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= 4850

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA	0.0	
1117B*2	NA	0.0	
1118*3	0.0	0.0	
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF

STORE1: 82234 METHOD: 8020-G M-AND/OR-P-XYLENE UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=821092 4850=9.3931

CONC	0	2	5	10	20	50
RESP	0	25639	71114	137035	285799	821092
CONC	-0.018	1.89	5.22	9.92	20.0	50.0
R.T.	0	34.78	34.82	34.83	34.86	34.88

CONC = -1.8120E-02+ 7.4847E-05*RESP- -1.6962E-11*RESP**2. *RESP**3
 95% C.I.= 1.9828E-01 1.8429E-06 2.1757E-12
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	786000	821000	-4.5
1117B*2	773000	821000	-5.8
1118*3	760000	821000	-7.4
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

000167

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL+DIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL+DIFF

STORET: 77135 METHOD: 8020-G O-XYLENE T., UG/L QUAD

CALIBRATION CURVE # 1 (UG/L)

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE=361270 %RSD=10.6925

CONC	0	1.1	3.75	5.5	11	27.5
RESP	0	10822	33509	61979	123304	361270
CONC	-0.089	0.933	3.04	5.60	10.8	27.5
R.T.	0	36.24	36.26	36.27	36.30	36.31

CONC = -8.9416E-02+ 9.5046E-05*RESP- -5.1606E-11*RESP**2- -RESP**3
 95% C.I.= 3.0702E-01 6.5965E-06 1.7282E-11
 CORRELATION COEFFICIENT = .9999

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	344000	361000	-6.7
1117B*2	340000	361000	-5.8
1118*3	336000	361000	-5.9
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL+DIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL+DIFF

STORET: 98554 METHOD: 8020-G O-AND/OR-P XYLENE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= %RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA	0.0	
1117B*2	NA	0.0	
1118*3	0.0	0.0	
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL+DIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL+DIFF

STORET: 98553 METHOD: 8020-G M-XYLENE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= %RSD=

METHOD BLANK(S)

000168

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA	0.0	
1117B*2	NA	0.0	
1118*3	0.0	0.0	
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STDRET: 97512 METHOD: 8030-G VOA TOTAL (HEX, TI, UG/L) FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1 DATE: 17 NOV 1993 LARGEST RESPONSE= VRSD-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1117B*1	0.0
CON*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	0.0	0.0	
1117B*2	NA	0.0	
1118*3	0.0	0.0	
CON*2	NA	0.0	

INITIAL CALIBRATION VERIFICATION STANDARD(S) *** Optional Quality Control Check ***

SAMPLE ID	CALC. CONC	KNOWN CONC	DIFFERENCE
1117B*1	NA		
CON*1	NA		

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SURROGATE SPIKE(S)

QC TYPE*FG*SEQ	PARAMETER	UNIT	FOUND	TARGET	% RECV
MB*1117B*1	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	859000	818000	105.0
ICV*1117B*1	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	811000	818000	99.1
DA*CDMTW*1	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	738000	818000	90.2
DA*CDMTW*2	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	775000	818000	94.7
DA*CDMTW*3	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	769000	818000	96.5
DA*CDMTW*10	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	820000	818000	100.2
DA*CDMTW*11	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	776000	818000	94.9
DA*CDMTW*12	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	796000	818000	97.3
DA*CDMTW*60	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	736000	818000	90.0
DA*CDMTW*25	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	861000	818000	105.3
DA*CDMTW*26	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	738000	818000	89.0
DA*CDMTW*36	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	833000	818000	100.6
CCS*1117B*1	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	862000	818000	105.4
DA*CDMTW*41	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	839000	818000	102.6
SPH1*TPH17*1	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	819000	818000	100.1
SPH2*TPH17*1	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	778000	818000	95.1
SP1*1117B*1	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	791000	818000	96.7
DA*CDMTW*42	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	800000	818000	97.8
DA*CDMTW*53	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	752000	818000	91.9
DA*CDMTW*56	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	764000	818000	93.5
DA*CDMTW*57	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	746000	818000	91.2
DA*CDMTW*58	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	773000	818000	94.5
DA*TPH17*1	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	779000	818000	94.1
DA*TPH17*2	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	726000	818000	88.8
DA*TPH17*3	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	738000	818000	90.2
DA*CDMTW*16	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	724000	818000	88.5
CCS*1117B*2	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	792000	818000	96.8
CCS*1118*3	98315-SUR BROMOFLUOROBENZENE, HALL	UG/L	857000	818000	104.8

000169

MB*CON*1
ICV*CON*1
CCS*CON*2

98315*SUR BROMOFLUOROBENZENE, HALL
98315*SUR BROMOFLUOROBENZENE, HALL
98315*SUR BROMOFLUOROBENZENE, HALL

UG/L
UG/L
UG/L

98300
90200
110000

102000
102000
113000

96.4
88.4
97.3

46 175

000170

SAMPLE RESULTS

46 176

668*8010-G DICHLORODI FLUORO	418*8010-G CHLOROMETH ANE	175*8010-G VINYL CHLO RIDE	413*8010-G BROMOMETHA NE	311*8010-G CHLOROMETHA NE	488*8010-G TRICHL*FLU OROMETHANE	501*8010-G 1,1-DICHLOR OETHYLENE	423*8010-G METHYLENE CHLORIDE	546*8010-G TRANS-1,2- DICHLORO	496*8010-G 1,1-DICHLOR OETHANE
SAMPLE ID	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
CDMTW*1	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*2	<1.00	<1.00	20.0	<1.00	<1.00	<1.00	<1.00	16.9	17.8
CDMTW*3	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	30.5	<1.00
CDMTW*10	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	88.6	224	119
CDMTW*11	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	11.2
CDMTW*12	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	19.6
CDMTW*60	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*25	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*26	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*36	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*41	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*42	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	99.3	228	139
CDMTW*51	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	33.2
CDMTW*56	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*57	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*58	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.32	<1.00
TCM17*1	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
TCM17*2	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
TCM17*3	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*16	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00

106*8010-G CHLOROFORM	506*8010-G 1,1,1-TRIC HL*ETHANE	102*8010-G CARBON TET RACHLORIDE	531*8010-G 1,2-DICHLOR OETHANE	180*8010-G TRICHLOROB ENE	541*8010-G 1,2-DICHLOR OPROPANE	101*8010-G BROMODICHL OROMETHANE	576*8010-G 2-CHLOROET HYLVINYL	704*8010-G CIS-1,3-DI CHLORO	699*8010-G TRANS-1,3- DICHLORO
SAMPLE ID	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
CDMTW*1	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*2	<1.00	15.3	<1.00	17.8	<1.00	<1.00	<1.00	15.8	14.6
CDMTW*3	3.25	3.06	<1.00	<1.00	55.5	<1.00	<1.00	<1.00	<1.00
CDMTW*10	4.22	5.06	1.32	3.56	1020	<1.00	<1.00	<1.00	<1.00
CDMTW*11	2.22	<1.00	<1.00	<1.00	49.2	<1.00	<1.00	<1.00	<1.00
CDMTW*12	1.93	<1.00	<1.00	<1.00	1500	<1.00	<1.00	<1.00	<1.00
CDMTW*60	<1.00	<1.00	<1.00	<1.00	1.25	<1.00	<1.00	<1.00	<1.00
CDMTW*25	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*26	<1.00	<1.00	3.16	<1.00	1.29	<1.00	<1.00	<1.00	<1.00
CDMTW*36	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*41	4.18	6.02	1.12	3.73	1210	<1.00	<1.00	<1.00	<1.00
CDMTW*42	2.97	<1.00	<1.00	1.12	1730	<1.00	<1.00	<1.00	<1.00
CDMTW*51	<1.00	<1.00	<1.00	<1.00	1.27	<1.00	<1.00	<1.00	<1.00
CDMTW*56	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*57	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*58	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
TCM17*1	<1.00	<1.00	<1.00	<1.00	1.56	<1.00	<1.00	<1.00	<1.00
TCM17*2	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
TCM17*3	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
CDMTW*16	<1.00	<1.00	<1.00	<1.00	1.10	<1.00	<1.00	<1.00	<1.00

511*8010-G 1,1,2-TRIC HL*ETHANE	475*8010-G TETRACHLOR OETHENE	105*8010-G DIBROMOCHL OROMETHANE	301*8010-G CHLOROBENZ ENE	104*8010-G BROMOFORM	98315*5UR BROMOFLOOR CBENZENE, H	516*8010-G 1,1,2,2-TE TRACHLORO	524*8010-G DICHLOROB ENZENE, TOT.	676*8020-G METHYL-T-B UT*ETHER	030*8020-G BENZENE
SAMPLE ID	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
CDMTW*1	<1.00	<1.00	<1.00	<1.00	<1.00	738000	<1.00	<1.00	<1.00
CDMTW*2	<1.00	15.3	15.5	<1.00	<1.00	775000	<1.00	<1.00	<1.00
CDMTW*3	<1.00	192	<1.00	<1.00	<1.00	789000	<1.00	<1.00	<1.00
CDMTW*10	4.14	143	<1.00	<1.00	<1.00	820000	32.1	<1.00	<1.00
CDMTW*11	<1.00	11.1	<1.00	<1.00	<1.00	776000	3.58	<1.00	<1.00
CDMTW*12	<1.00	14.0	<1.00	<1.00	<1.00	796000	262	<1.00	<1.00
CDMTW*60	<1.00	<1.00	<1.00	<1.00	<1.00	736000	2.72	<1.00	<1.00
CDMTW*25	<1.00	11.2	<1.00	<1.00	<1.00	861000	<1.00	<1.00	<1.00
CDMTW*26	<1.00	6.50	<1.00	<1.00	<1.00	728000	<1.00	<1.00	<1.00
CDMTW*36	<1.00	<1.00	<1.00	<1.00	<1.00	823000	<1.00	<1.00	<1.00
CDMTW*41	4.66	161	<1.00	<1.00	<1.00	839000	41.6	<1.00	<1.00
CDMTW*42	1.84	19.6	<1.00	<1.00	<1.00	800000	233	<1.00	<1.00
CDMTW*51	<1.00	<1.00	<1.00	<1.00	<1.00	752000	3.09	<1.00	<1.00
CDMTW*56	<1.00	<1.00	<1.00	<1.00	<1.00	766000	<1.00	<1.00	<1.00
CDMTW*57	<1.00	<1.00	<1.00	<1.00	<1.00	746000	<1.00	<1.00	<1.00
CDMTW*58	<1.00	<1.00	<1.00	<1.00	<1.00	773000	<1.00	<1.00	<1.00
TCM17*1	<1.00	1.12	<1.00	<1.00	<1.00	770000	<1.00	<1.00	19.4
TCM17*2	<1.00	2.08	<1.00	<1.00	<1.00	725000	<1.00	<1.00	69.7
TCM17*3	<1.00	<1.00	<1.00	<1.00	<1.00	738000	<1.00	<1.00	<1.00
CDMTW*16	<1.00	<1.00	<1.00	<1.00	<1.00	724000	<1.00	<1.00	<1.00

010*8020-G TOLUENE	101*8020-G CHLOROBENZ	371*8020-G ETHYLBENZ	524*8020-G DICHLOROB	234*8020-G M-AND/OR-P	135*8020-G O-XYLENE, T	55*8020-G O-AND/OR-P	553*8020-G M-XYLENE	512*8020-G VOA, TOTAL

000171

SAMPLE ID	ENE		NE		NZE NE, TOT.		-XYLENE		XYLENE		BTEX, T)	
	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
COOHTW*1	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*2	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*3	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*10	30.7	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*11	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*12	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*60	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*25	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*26	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*36	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*41	33.1	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*42	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*53	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*56	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*57	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
COOHTW*58	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*
TOHML7*1	<1.00	<1.00	9.35	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	79.1
TOHML7*2	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.59	<1.00	<1.00	<1.00	<1.00	1.6
TOHML7*3	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0
COOHTW*16	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR*

UNITS ENTERED
 FINAL CONCENTRATION UG/L
 INJECTION VOLUME NA
 SAMPLE VOLUME NA
 EXTRACT VOLUME NA
 CURVE CONCENTRATION UG/L
 SPIKE SOLN CONCENTRATION UG/ML
 SPIKE VOLUME L
 SPIKE SAMPLE VOLUME ML
 TARGET CONCENTRATION UG/L
 RESPONSE DESCRIPTION PK AREA
 CONVERSION FACTOR NA

$$\text{FINAL CONC} = \frac{\text{CURV CONC} \times \text{EXT VOL} + \text{DIL}}{\text{INJ VOL} \times \text{SAMP VOL} \times ((100 - \% \text{MOISTURE}) / 100)}$$

$$\text{UG/L} = \frac{(\text{UG/L}) \times (\text{NA})}{(\text{NA}) \times (\text{NA})}$$

$$19.60 \text{ (U)} = \frac{19.6 \text{ U/L}}{1 \text{ U/L}} \times \left(\frac{\text{NA}}{\text{NA}} \right) \times \left(\frac{\text{NA}}{\text{NA}} \right) \times \left(\frac{\text{NA}}{100 - (\text{NA})} \right) / 100$$

$$\text{TARGET CONC} = \frac{\text{SPIKE SOLN CONC} \times \text{SPIKE VOL}}{\text{SPIKE SAMP VOL} \times ((100 - \% \text{MOISTURE}) / 100)}$$

$$\text{UG/L} = \frac{(\text{UG/ML}) \times (\text{L})}{(\text{ML})}$$

110CE in IGV
 $\text{resp.} = 1.676084 \times 10^6$

$$\text{conc.} = 4.9835 \times 10^{-1} + \left(1.1541 \times 10^{-5} \times 1.676084 \times 10^6 \right) - \left\{ 9.7587 \times 10^{-14} \left(1.676084 \times 10^6 \right)^2 \right\}$$

≈ 19.6

Environmental Science and Engineering Analytical Services
Computer QC Checks

Batch No.: G44136 Analysis Date: 11/17/91 Analyst: BRUCE SMITH

	<u>"Exceptions"</u>	
	<u>Yes</u>	<u>No</u> <u>Comment / Corrective Action</u>
Are ALL units documented in batch?	X	
Analysis holding time within criteria?	X	
Extract holding time within criteria?	X	
No. of calibration standards present acceptable?	X	
Curve correlation coefficient ≥ 0.9957	X	
Calibration curve y-intercept $<$ curve detection limit?	X	
Sample responses within highest standard response?	X	
Method blank present?	X	
Method blank within acceptance criteria?	X	
Standard matrix spike present?	X	
Standard matrix spike within acceptance criteria?	X	
Sample matrix spike present?	X	
Sample matrix spike within acceptance criteria?	X	
Sample matrix spike duplicate present?	X	
Sample matrix spike duplicate within acceptance criteria?	X	
Surrogate present?	X	
Surrogate within acceptance criteria?	X	

Note: Any "NO" answer requires a comment.

000174

Environmental Science and Engineering Analytical Services
Internal QA/QC Checklist For GC and HPLC Analysis

Batch No.: G44136

Analysis Date: 11/17/93

Analyst: BRUCE SMITH

	N/A	Yes	No	"Exceptions"	
				Comment /	Corrective Action
Is the method blank free of contamination?		✓			
If not, has the data been blank corrected?	✓				
Are all analysis free of contamination from previous analysis?		✓			
If not, does the quality of the data remain unimpaired?	✓				
Are calibration curves entered correctly?		✓			
Are reported values consistent with the required units?		✓			
Are detection limits reported correctly?		✓			
Are dilution factors entered correctly?		✓			
Is the batch checked for data entry error(s)?		✓			
Have sufficient continuing calibration standards (CCS) been analyzed?		✓			
If not, is an appropriate explanation provided?	✓				
Are the CCS within criteria?		✓			
If not, is an appropriate explanation provided?	✓				
Has second column confirmation been performed for all positive identifications made in the primary analysis?	✓			Not Required.	
Have they been performed within analysis holding time?	✓				
Is an example calculation provided?		✓			
Has the batch documentation checklist been completed?		✓			

Note: Any "NO" answer requires a comment.
Additional Comments:

Completed By: BWS
Date: 11/30/93

Reviewed By: [Signature]
Date: 11/30/93

Notification of appropriate Laboratory Coordinators required for "Exceptions":

Signature	Date	Comments

OVERRIDE COMMENTS

BATCH OVERRIDE BY:

Second column
confirmations run
for selected samples
only. Second column
used to quantitate
112TCE. BWS
11/30/93

000175

Sequence File : D:\2700\BRUCE\X\CDDM1117.SEQ
 Created by : on : 6/21/93 9:34 AM
 Edited by : on : 11/22/93 10:02 PM
 Number Of Times Edited : 1

Sequence File Header Information:

Study Name :
 Segment Interface : YES
 Number of Cycles : 44

Cycle	Sample Name	Sample Number	Sequence Sample Descriptions				Mult	Divisor	Addend	Inst File
			Sample Amount	ISTD Amount	Inj. Volume	Dil. Factor				
1	MB*1117B*1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
2	BB2088-1	2	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
3	BB2088-2.5	3	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
4	BB2088-5	4	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
5	BB2088-10	5	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
6	BB2088-25	6	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
7	BB2088-50	7	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
8	BB2088-100	8	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
9	ICV*1117B*1	9	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
10	CDOMTW=1	10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
11	CDOMTW=2	11	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
12	CDOMTW=3	12	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
13	CDOMTW=10	13	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
14	CDOMTW=11	14	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
15	CDOMTW=12	15	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
16	CDOMTW=60	16	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
17	CDOMTW=25	17	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
18	CDOMTW=26	18	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
19	CDOMTW=36	19	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
20	CCS*1117B*1	20	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
21	CDOMTW=41	21	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
22	SPM1+TCM17*1	22	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
23	SPM2+TCM17*1	23	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
24	SP1*1117B*1	24	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
25	CDOMTW=42	25	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
26	CDOMTW=53	26	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
27	CDOMTW=56	27	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
28	CDOMTW=57	28	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
29	CDOMTW=58	29	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
30	TCM17*1	30	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
31	TCM17*2	31	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
32	TCM17*3	32	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
33	CDOMTW=16	33	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
34	CCS*1117B*2	34	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
35	CDOMTW=2 1:20	35	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
36	CDOMTW=3 1:20	36	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
37	CDOMTW=10 1:20	37	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
38	CDOMTW=11 1:20	38	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
39	CDOMTW=12 1:20	39	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
40	CDOMTW=41 1:20	40	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
41	CDOMTW=42 1:20	41	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
42	SPM*CDOMTW=3	42	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
43	SPM*CDOMTW=10	43	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA
44	CCS*111B*3	44	1.000	1.000	1.000	1.000	1.000	1.000	0.000	MEGA

used to verify
 peak i.d. not
 for quantitation
 BMS
 11/30/93

000176

Sequence Process Description - Channel A											
Cycle	Process File	Sample File	Report Format	Raw File	Result File	Baseline File	Modified Raw File	Cal Mode	Level Name	Update RT	Norm. Factor
1	MEGA	MEGA	MEGA	37WA001	37WA001			N		Y	100.0
2	MEGA	MEGA	MEGA	37WA002	37WA002			N		Y	100.0
3	MEGA	MEGA	MEGA	37WA003	37WA003			N		Y	100.0
4	MEGA	MEGA	MEGA	37WA004	37WA004			N		Y	100.0
5	MEGA	MEGA	MEGA	37WA005	37WA005			N		Y	100.0
6	MEGA	MEGA	MEGA	37WA006	37WA006			N		Y	100.0
7	MEGA	MEGA	MEGA	37WA007	37WA007			N		Y	100.0
8	MEGA	MEGA	MEGA	37WA008	37WA008			N		Y	100.0
9	MEGA	MEGA	MEGA	37WA009	37WA009			N		Y	100.0
10	MEGA	MEGA	MEGA	37WA010	37WA010			N		Y	100.0
11	MEGA	MEGA	MEGA	37WA011	37WA011			N		Y	100.0
12	MEGA	MEGA	MEGA	37WA012	37WA012			N		Y	100.0
13	MEGA	MEGA	MEGA	37WA013	37WA013			N		Y	100.0
14	MEGA	MEGA	MEGA	37WA014	37WA014			N		Y	100.0
15	MEGA	MEGA	MEGA	37WA015	37WA015			N		Y	100.0
16	MEGA	MEGA	MEGA	37WA016	37WA016			N		Y	100.0
17	MEGA	MEGA	MEGA	37WA017	37WA017			N		Y	100.0
18	MEGA	MEGA	MEGA	37WA018	37WA018			N		Y	100.0
19	MEGA	MEGA	MEGA	37WA019	37WA019			N		Y	100.0
20	MEGA	MEGA	MEGA	37WA020	37WA020			N		Y	100.0
21	MEGA	MEGA	MEGA	37WA021	37WA021			N		Y	100.0
22	MEGA	MEGA	MEGA	37WA022	37WA022			N		Y	100.0
23	MEGA	MEGA	MEGA	37WA023	37WA023			N		Y	100.0
24	MEGA	MEGA	MEGA	37WA024	37WA024			N		Y	100.0
25	MEGA	MEGA	MEGA	37WA025	37WA025			N		Y	100.0
26	MEGA	MEGA	MEGA	37WA026	37WA026			N		Y	100.0
27	MEGA	MEGA	MEGA	37WA027	37WA027			N		Y	100.0
28	MEGA	MEGA	MEGA	37WA028	37WA028			N		Y	100.0
29	MEGA	MEGA	MEGA	37WA029	37WA029			N		Y	100.0
30	MEGA	MEGA	MEGA	37WA030	37WA030			N		Y	100.0
31	MEGA	MEGA	MEGA	37WA031	37WA031			N		Y	100.0
32	MEGA	MEGA	MEGA	37WA032	37WA032			N		Y	100.0
33	MEGA	MEGA	MEGA	37WA033	37WA033			N		Y	100.0
34	MEGA	MEGA	MEGA	37WA034	37WA034			N		Y	100.0
35	MEGA	MEGA	MEGA	37WA035	37WA035			N		Y	100.0
36	MEGA	MEGA	MEGA	37WA036	37WA036			N		Y	100.0
37	MEGA	MEGA	MEGA	37WA037	37WA037			N		Y	100.0
38	MEGA	MEGA	MEGA	37WA038	37WA038			N		Y	100.0
39	MEGA	MEGA	MEGA	37WA039	37WA039			N		Y	100.0
40	MEGA	MEGA	MEGA	37WA040	37WA040			N		Y	100.0
41	MEGA	MEGA	MEGA	37WA041	37WA041			N		Y	100.0
42	MEGA	MEGA	MEGA	37WA042	37WA042			N		Y	100.0
43	MEGA	MEGA	MEGA	37WA043	37WA043			N		Y	100.0
44	MEGA	MEGA	MEGA	37WA044	37WA044			N		Y	100.0

000177

Sequence Process Description - Channel B											
Cycle	Process File	Sample File	Report Format	Raw File	Result File	Baseline File	Modified Raw File	Cal Mode	Level Name	Update RT	Norm. Factor
1	MEGB	MEGB	MEGB	37WB001	37WB001			N		Y	100.0
2	MEGB	MEGB	MEGB	37WB002	37WB002			N		Y	100.0
3	MEGB	MEGB	MEGB	37WB003	37WB003			N		Y	100.0
4	MEGB	MEGB	MEGB	37WB004	37WB004			N		Y	100.0
5	MEGB	MEGB	MEGB	37WB005	37WB005			N		Y	100.0
6	MEGB	MEGB	MEGB	37WB006	37WB006			N		Y	100.0
7	MEGB	MEGB	MEGB	37WB007	37WB007			N		Y	100.0
8	MEGB	MEGB	MEGB	37WB008	37WB008			N		Y	100.0
9	MEGB	MEGB	MEGB	37WB009	37WB009			N		Y	100.0
10	MEGB	MEGB	MEGB	37WB010	37WB010			N		Y	100.0
11	MEGB	MEGB	MEGB	37WB011	37WB011			N		Y	100.0
12	MEGB	MEGB	MEGB	37WB012	37WB012			N		Y	100.0
13	MEGB	MEGB	MEGB	37WB013	37WB013			N		Y	100.0
14	MEGB	MEGB	MEGB	37WB014	37WB014			N		Y	100.0
15	MEGB	MEGB	MEGB	37WB015	37WB015			N		Y	100.0
16	MEGB	MEGB	MEGB	37WB016	37WB016			N		Y	100.0
17	MEGB	MEGB	MEGB	37WB017	37WB017			N		Y	100.0
18	MEGB	MEGB	MEGB	37WB018	37WB018			N		Y	100.0
19	MEGB	MEGB	MEGB	37WB019	37WB019			N		Y	100.0
20	MEGB	MEGB	MEGB	37WB020	37WB020			N		Y	100.0
21	MEGB	MEGB	MEGB	37WB021	37WB021			N		Y	100.0
22	MEGB	MEGB	MEGB	37WB022	37WB022			N		Y	100.0
23	MEGB	MEGB	MEGB	37WB023	37WB023			N		Y	100.0
24	MEGB	MEGB	MEGB	37WB024	37WB024			N		Y	100.0
25	MEGB	MEGB	MEGB	37WB025	37WB025			N		Y	100.0
26	MEGB	MEGB	MEGB	37WB026	37WB026			N		Y	100.0
27	MEGB	MEGB	MEGB	37WB027	37WB027			N		Y	100.0
28	MEGB	MEGB	MEGB	37WB028	37WB028			N		Y	100.0
29	MEGB	MEGB	MEGB	37WB029	37WB029			N		Y	100.0
30	MEGB	MEGB	MEGB	37WB030	37WB030			N		Y	100.0
31	MEGB	MEGB	MEGB	37WB031	37WB031			N		Y	100.0
32	MEGB	MEGB	MEGB	37WB032	37WB032			N		Y	100.0
33	MEGB	MEGB	MEGB	37WB033	37WB033			N		Y	100.0
34	MEGB	MEGB	MEGB	37WB034	37WB034			N		Y	100.0
35	MEGB	MEGB	MEGB	37WB035	37WB035			N		Y	100.0
36	MEGB	MEGB	MEGB	37WB036	37WB036			N		Y	100.0
37	MEGB	MEGB	MEGB	37WB037	37WB037			N		Y	100.0
38	MEGB	MEGB	MEGB	37WB038	37WB038			N		Y	100.0
39	MEGB	MEGB	MEGB	37WB039	37WB039			N		Y	100.0
40	MEGB	MEGB	MEGB	37WB040	37WB040			N		Y	100.0
41	MEGB	MEGB	MEGB	37WB041	37WB041			N		Y	100.0
42	MEGB	MEGB	MEGB	37WB042	37WB042			N		Y	100.0
43	MEGB	MEGB	MEGB	37WB043	37WB043			N		Y	100.0
44	MEGB	MEGB	MEGB	37WB044	37WB044			N		Y	100.0

000178

ESE ENVIRONMENTAL SCIENCE
AND ENGINEERING, INC.

CHROMATOGRAPHIC ANALYSIS LOG

Date 11/17/93 COLUMN Length 1.05 m INJECTOR Type purge trap DETECTOR Type ELED PID
 Analyst BW OD — Temp °C 200 Attn 1 1
 Project Hunterdale COE ID 1.53 mm Volume 10 ml Range 10 1
 Case No. 500MTW CDDMTW Phase RTX 624 Carrier Gas He Temp °C 250 250
 Instrument ID and TCM17 Thickness 3 mm Type Research Make-up He
 Data System ID 584153 + TCII Support — Flow Rate 20 ml/min
 Analysis Type 9010/8020 Oven Temp. Initial 30 °C for 7.0 Min
 Rate A 4.0 Final Temp A °C 38 for 4.0 Min
 Rate B 5.0 Final Temp B °C 75 for 10.0 Min
 Comments CDDMTW 1117.5 EQ 10.0 190 5.0

Run No.	Sample No.	Run No.	Sample No.	Run No.	Sample No.
1	MB	28	CDDMTW * 57		
2	892088 - 1	29	" * 58		
3	-2.5	30	TCM17 * 1		
4	-5	31	↓ * 2		
5	-10	32	↓ * 3		
6	-25	33	CDDMTW * 16		
7	-50	34	CCS-2		
8	-100	35	CDDMTW * 2 1:20		
9	ICV	36	CDDMTW * 3 1:20		
10	CDDMTW * 1	37	* 10 1:20		
11	" * 2	38	* 11 1:20		
12	CDDMTW * 3	39	* 12 1:20		
13	* 10	40	* 41 1:20		
14	* 11	41	* 42 1:20		
15	* 12	42	* 3 + SP		
16	* 60	43	↓ * 10 + SP		
17	* 25	44	CCS-3		
18	* 26				
19	↓ * 36				
20	CCS-1				
21	CDDMTW * 41				
22	TCM17 * 1 spm1				
23	TCM17 * 1 spm2				
24	SP 1				
25	CDDMTW * 42				
26	* 53				
27	↓ * 56				

000179

FORM 8720

000059

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1244 ***

PROJECT NUMBER 7934082G 0201
FIELD GROUP CDDMTWDPROJECT NAME HUNTSVILLE COE - DDMT
PROJECT MANAGER P.C. WILBER
LAB COORDINATOR PATRICK WILBER

46 185

COLLECTION DATES: A-11/10/93
RECEIPT DATES : A-11/11/93
LAB DUE DATES : A-12/08/93
TURNAROUND :
QC :
COMMENTS/QC PR:MATRIX : W DET. LIMIT SPEC'D : NONE SPECIFIED
SAMPLE FRACTIONS B, B, MS, MS, N, N, VP, VPCOLLECTION DATE CODES: AAA
RECEIPT DATE CODES: AAA
LAB DUE DATE CODES: AAA
SAMPLE SEQ #

			EXTRACT	DET. LMT.	
			GROUP	CRITERIA	123
001	BROMODICHLOROMETHANE	,UG/L	32101*8010-G	501	OCN
002	BROMOFORM	,UG/L	32104*8010-G	501	OCN
003	BROMOMETHANE	,UG/L	34413*8010-G	501	OCN
004	CARBON TETRACHLORIDE	,UG/L	32102*8010-G	501	OCN
005	CHLOROBENZENE	,UG/L	34301*8010-G	501	OCN
006	CHLOROETHANE	,UG/L	34311*8010-G	501	OCN
007	2-CHLOROETHYL VINYL ETHER	,UG/L	34576*8010-G	501	OCN
008	CHLOROFORM	,UG/L	32106*8010-G	501	OCN
009	CHLOROMETHANE	,UG/L	34418*8010-G	501	OCN
010	DIBROMOCHLOROMETHANE	,UG/L	32105*8010-G	501	OCN
011	DICHLOROBENZENE, TOT.	,UG/L	81524*8010-G	501	OCN
012	DICHLORODIFLUORO METHANE	,UG/L	34668*8010-G	501	OCN
013	1,1-DICHLOROETHANE	,UG/L	34496*8010-G	501	OCN
014	1,2-DICHLOROETHANE	,UG/L	34531*8010-G	501	OCN
015	1,1-DICHLOROETHYLENE	,UG/L	34501*8010-G	501	OCN
016	TRANS-1,2-DICHLORO ETHENE	,UG/L	34546*8010-G	501	OCN
017	1,2-DICHLOROPROPANE	,UG/L	34541*8010-G	501	OCN
018	CIS-1,3-DICHLORO PROPENE	,UG/L	34704*8010-G	501	OCN
019	TRANS-1,3-DICHLORO PROPENE	,UG/L	34699*8010-G	501	OCN
020	METHYLENE CHLORIDE	,UG/L	34423*8010-G	501	OCN
021	1,1,2,2-TETRACHLORO ETHANE	,UG/L	34516*8010-G	501	OCN
022	TETRACHLOROETHENE	,UG/L	34475*8010-G	501	OCN
023	1,1,1-TRICHL' ETHANE	,UG/L	34506*8010-G	501	OCN
024	1,1,2-TRICHL' ETHANE	,UG/L	34511*8010-G	501	OCN
025	TRICHLOROETHENE	,UG/L	39180*8010-G	501	OCN
026	TRICHL' FLUOROMETHANE	,UG/L	34488*8010-G	501	OCN
027	VINYL CHLORIDE	,UG/L	39175*8010-G	501	OCN
028	BENZENE	,UG/L	34030*8020-G	502	OCN
029	CHLOROBENZENE	,UG/L	34301*8020-G		OCN
030	DICHLOROBENZENE, TOT.	,UG/L	81524*8020-G		OCN
031	ETHYLBENZENE	,UG/L	34371*8020-G	502	OCN
032	TOLUENE	,UG/L	34010*8020-G	502	OCN
033	M-XYLENE	,UG/L	98553*8020-G		OCN
034	O-XYLENE, T.	,UG/L	77135*8020-G		OCN
035	M-AND/OR-P-XYLENE	,UG/L	97234*8020-G		OCN
036	O-AND/OR-P XYLENE	,UG/L	98554*8020-G		OCN

O-OPEN L-IN LAB S-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED
* STORET* - NOT ON DEPT AVAIL NUMS

000180

Environmental Science and Engineering 11/23/93 STATUS:

P# 1 OF 1

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1244 ***

C# 1 OF 1

PROJECT NUMBER 7934091 0201
FIELD GROUP TOMM17PROJECT NAME TIDY CAR
PROJECT MANAGER C.E. FIORE
LAB COORDINATOR CHARLES FIORECOLLECTION DATES: A-11/10/93
RECEIPT DATES : A-11/11/93
LAB DUE DATES : A-12/01/93
TURNAROUND : 3 WEEKS
QC : FOER
COMMENTS/QC FR:MATRIX : GW DET. LIMIT SPEC'D : N
SAMPLE FRACTIONS ED, ED, N, VP, VP, VP, GCVCOLLECTION DATE CODES: AAA
RECEIPT DATE CODES: AAA
LAB DUE DATE CODES: AAA
SAMPLE SEQ #

					EXTRACT	DET. LMT.	
							CRITERIA 123
001	1,2-DIBROMOETHANE (EDB)	UG/L	77551*804-G	504W		000	
002	BROMODICHLOROMETHANE	UG/L	32101*8010-G	501		000	
003	BROMOFORM	UG/L	32104*8010-G	501		000	
004	BROMOMETHANE	UG/L	34413*8010-G	501		000	
005	CARBON TETRACHLORIDE	UG/L	32102*8010-G	501		000	
006	CHLOROBENZENE	UG/L	34301*8010-G	501		000	
007	CHLOROETHANE	UG/L	34311*8010-G	501		000	
008	2-CHLOROETHYL VINYL ETHER	UG/L	34576*8010-G	501		000	
009	CHLOROFORM	UG/L	32106*8010-G	501		000	
010	CHLOROMETHANE	UG/L	34418*8010-G	501		000	
011	DIBROMOCHLOROMETHANE	UG/L	32105*8010-G	501		000	
012	DICHLOROBENZENE, TOT.	UG/L	81524*8010-G	501		000	
013	DICHLORODIFLUORO METHANE	UG/L	34668*8010-G	501		000	
014	1,1-DICHLOROETHANE	UG/L	34496*8010-G	501		000	
015	1,2-DICHLOROETHANE	UG/L	34511*8010-G	501		000	
016	1,1-DICHLOROETHYLENE	UG/L	34501*8010-G	501		000	
017	TRANS-1,2-DICHLORO ETHENE	UG/L	34546*8010-G	501		000	
018	1,2-DICHLOROPROPANE	UG/L	34541*8010-G	501		000	
019	CIS-1,3-DICHLORO PROPENE	UG/L	34704*8010-G	501		000	
020	TRANS-1,3-DICHLORO PROPENE	UG/L	34699*8010-G	501		000	
021	METHYLENE CHLORIDE	UG/L	34423*8010-G	501		000	
022	1,1,2,2-TETRACHLORO ETHANE	UG/L	34516*8010-G	501		000	
023	TETRACHLOROETHENE	UG/L	34475*8010-G	501		000	
024	1,1,1-TRICHL' ETHANE	UG/L	34506*8010-G	501		000	
025	1,1,2-TRICHL' ETHANE	UG/L	34511*8010-G	501		000	
026	TRICHLOROETHENE	UG/L	39180*8010-G	501		000	
027	TRICHL' FLUOROMETHANE	UG/L	34488*8010-G	501		000	
028	VINYL CHLORIDE	UG/L	39175*8010-G	501		000	
029	BENZENE	UG/L	34030*8020-G	502		000	
030	CHLOROBENZENE	UG/L	34301*8020-G			000	
031	DICHLOROBENZENE, TOT.	UG/L	81524*8020-G			000	
032	ETHYLBENZENE	UG/L	34371*8020-G	502		000	
033	TOLUENE	UG/L	34019*8020-G	502		000	
034	M-XYLENE	UG/L	98553*8020-G			000	
035	O-XYLENE, T.	UG/L	77135*8020-G			000	
036	M-AND/OR-P-XYLENE	UG/L	97234*8020-G			000	
037	O-AND/OR-P XYLENE	UG/L	98554*8020-G			000	
038	METHYL-T-BUT' ETHER	UG/L	98675*8020-G			000	
039	VCA, TOTAL (BTEX, T)	UG/L	97512*8020-G			000	

O-OPEN L-IN LAB E-EXTRACTED R-NOT REQUESTED D-DONE S-SCHEDULED
* "STORET" * NOT ON DEPT AVAIL NUMS

000181

Environmental Science and Engineering 11/21/93 STATUS:

P# 1 OF 1

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1244 ***

C# 2 OF 4

PROJECT NUMBER 7934082G 0201
FIELD GROUP CDDMTNPROJECT NAME HUNTSVILLE COS - EDMT
PROJECT MANAGER P.C. WILBER
LAB COORDINATOR PATRICK WILBERCOLLECTION DATES: A-11/09/93 B-11/10/93 C-11/11/93 D-11/12/93 E-11/13/93 F-11/14/93 G-11/15/93 H-11/16/93 I-11/17/93 J-11/18/93
RECEIPT DATES : A-11/10/93 B-11/11/93 C-11/12/93 D-11/13/93 E-11/14/93 F-11/15/93 G-11/16/93 H-11/17/93 I-11/18/93 J-11/19/93
LAB DUE DATES : A-12/02/93 B-12/03/93 C-12/04/93 D-12/05/93 E-12/06/93 F-12/07/93 G-12/08/93 H-12/09/93 I-12/10/93 J-12/11/93
TURNAROUND : MATRIX : W DET. LIMIT SPEC'D : NONE SPECIFIED
QC : SAMPLE FRACTIONS C, C, EC, EC, EC, EC, LC, LC, LC, LC, MS, MS, MS, N, NP, NP, NP, NP, VP, VP, VP, VP, VP, VP
COMMENTS/QC FR:COLLECTION DATE CODES: SAMPLE SEQ #
RECEIPT DATE CODES: DGHJGIGCECGIJAJIGFRAJFDJGJGJCCJHJJCCEFRANDIJ
LAB DUE DATE CODES: DPGIFWPCCECFHIAJHFFRAHFDJFFICCHGII:PCFRAEDHI
CBFHEGSCDCEGANGEGEDAGHECEHCCGFFHHECEDABOQH

GROUP	EXTRACT	DET. LMT.	1111111222222333333444444555555666
001	BROMODICHLOROMETHANE	UG/L	32101*8010-G
002	BROMOFORM	UG/L	32104*8010-G
003	BROMOMETHANE	UG/L	34413*8010-G
004	CARBON TETRACHLORIDE	UG/L	32102*8010-G
005	CHLOROBENZENE	UG/L	34301*8010-G
006	CHLOROETHANE	UG/L	34311*8010-G
007	2-CHLOROETHYL VINYL ETHER	UG/L	34576*8010-G
008	CHLOROFORM	UG/L	32105*8010-G
009	CHLOROMETHANE	UG/L	34418*8010-G
010	DIBROMOCHLOROMETHANE	UG/L	32105*8010-G
011	DICHLOROBENZENE, TOT.	UG/L	81524*8010-G
012	DICHLORODIFLUORO METHANE	UG/L	34568*8010-G
013	1,1-DICHLOROETHANE	UG/L	34496*8010-G
014	1,2-DICHLOROETHANE	UG/L	34531*8010-G
015	1,1-DICHLOROETHYLENE	UG/L	34501*8010-G
016	TRANS-1,2-DICHLORO ETHENE	UG/L	34546*8010-G
017	1,2-DICHLOROPROPANE	UG/L	34541*8010-G
018	CIS-1,3-DICHLORO PROPENE	UG/L	34704*8010-G
019	TRANS-1,3-DICHLORO PROPENE	UG/L	34699*8010-G
020	METHYLENE CHLORIDE	UG/L	34423*8010-G
021	1,1,2,2-TETRACHLORO ETHANE	UG/L	34516*8010-G
022	TETRACHLOROETHENE	UG/L	34475*8010-G
023	1,1,1-TRICHL ETHANE	UG/L	34506*8010-G
024	1,1,2-TRICHL ETHANE	UG/L	34511*8010-G
025	TRICHLOROETHENE	UG/L	39180*8010-G
026	TRICHL FLUOROMETHANE	UG/L	34488*8010-G
027	VINYL CHLORIDE	UG/L	39175*8010-G
028	BENZENE	UG/L	34030*8020-G
029	CHLOROBENZENE	UG/L	34301*8020-G
030	DICHLOROBENZENE, TOT.	UG/L	81524*8020-G
031	ETHYLBENZENE	UG/L	34371*8020-G
032	TOLUENE	UG/L	34010*8020-G
033	M-XYLENE	UG/L	98553*8020-G
034	O-XYLENE, T.	UG/L	77135*8020-G
035	M-AND/OR-P-XYLENE	UG/L	97234*8020-G
036	O-AND/OR-P XYLENE	UG/L	98554*8020-G

D-OPEN L-IN LAB E-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED
* *STORET* * NOT ON DEPT AVAIL NIMS

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1244 ***

C# 2 OF 4

PROJECT NUMBER 7934882G 0201
FIELD GROUP CDDMTNPROJECT NAME HUNTSVILLE COE - DEMT
PROJECT MANAGER P.C. WILBER
LAB COORDINATOR PATRICK WILBER

COLLECTION DATES: A-11/11/93

RECEIPT DATES : A-11/12/93

LAB DUE DATES : A-12/10/93

TURNAROUND :

QC :

COMMENTS/QC PR:

MATRIX : M

DET. LIMIT SPEC'D : NONE SPECIFIED

SAMPLE FRACTIONS C, C, EC, EC, EC, LC, LC, LC, LC, MS, MS, MS, MS, N, NF, NF, NP, NP, VP, VP, VP, VP, VP.

COLLECTION DATE CODES: AAAAA
RECEIPT DATE CODES: AAAAA
LAB DUE DATE CODES: AAAAA

SAMPLE SEQ #

EXTRACT	DET. LMT.	11445
GROUP	CRITERIA	0212J
001	BROMODICHLOROMETHANE	UG/L 32101*8010-G 601 00000
002	BROMOFORM	UG/L 32104*8010-G 601 00000
003	BROMOMETHANE	UG/L 34413*8010-G 601 00000
004	CARBON TETRACHLORIDE	UG/L 32102*8010-G 601 00000
005	CHLOROBENZENE	UG/L 34301*8010-G 601 00000
006	CHLOROETHANE	UG/L 34311*8010-G 601 00000
007	2-CHLOROETHYL VINYL ETHER	UG/L 34576*8010-G 601 00000
008	CHLOROFORM	UG/L 32106*8010-G 601 00000
009	CHLOROMETHANE	UG/L 34418*8010-G 601 00000
010	DIBROMOCHLOROMETHANE	UG/L 32105*8010-G 601 00000
011	DICHLOROBENZENE, TOT.	UG/L 81524*8010-G 601 00000
012	DICHLORODIFLUORO METHANE	UG/L 34668*8010-G 601 00000
013	1,1-DICHLOROETHANE	UG/L 34496*8010-G 601 00000
014	1,2-DICHLOROETHANE	UG/L 34531*8010-G 601 00000
015	1,1-DICHLOROETHYLENE	UG/L 34501*8010-G 601 00000
016	TRANS-1,2-DICHLORO ETHENE	UG/L 34546*8010-G 601 00000
017	1,2-DICHLOROPROPANE	UG/L 34541*8010-G 601 00000
018	CIS-1,3-DICHLORO PROPENE	UG/L 34704*8010-G 601 00000
019	TRANS-1,3-DICHLORO PROPENE	UG/L 34699*8010-G 601 00000
020	METHYLENE CHLORIDE	UG/L 34423*8010-G 601 00000
021	1,1,2,2-TETRACHLORO ETHANE	UG/L 34516*8010-G 601 00000
022	TETRACHLOROETHENE	UG/L 34475*8010-G 601 00000
023	1,1,1-TRICHLOROETHANE	UG/L 34506*8010-G 601 00000
024	1,1,1,2-TRICHLOROETHANE	UG/L 34511*8010-G 601 00000
025	TRICHLOROETHENE	UG/L 39180*8010-G 601 00000
026	TRICHLOROFLUOROMETHANE	UG/L 34488*8010-G 601 00000
027	VINYL CHLORIDE	UG/L 39175*8010-G 601 00000
028	BENZENE	UG/L 34030*8020-G 602 00000
029	CHLOROBENZENE	UG/L 34301*8020-G 602 00000
030	DICHLOROBENZENE, TOT.	UG/L 81524*8020-G 602 00000
031	ETHYLBENZENE	UG/L 34371*8020-G 602 00000
032	TOLUENE	UG/L 34010*8020-G 602 00000
033	M-XYLENE	UG/L 98553*8020-G 602 00000
034	O-XYLENE, T.	UG/L 77135*8020-G 602 00000
035	M-AND/OR-P-XYLENE	UG/L 97234*8020-G 602 00000
036	O-AND/OR-P-XYLENE	UG/L 98554*8020-G 602 00000

O-OPEN L-IN LAB S-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED
* "STORET" = NOT ON DEPT AVAIL NUMS

000183

Environmental Science and Engineering 11/10/93 STATUS:

1 OF 1

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1244 ***

C# 2 OF 4

PROJECT NUMBER 7934082G 0201
FIELD GROUP CDMTMPROJECT NAME KNOXVILLE COB - DDMT
PROJECT MANAGER P.C. WILBER
LAB COORDINATOR PATRICK WILBER

COLLECTION DATES: A=11/09/93

RECEIPT DATES : A=11/10/93

LAB DUE DATES : A=12/03/93

TURNAROUND :

QC :

COMMENTS/QC FR:

MATRIX : M

DET. LIMIT SPEC'D : NONE SPECIFIED

SAMPLE FRACTIONS C, C, EC, EC, EC, LC, LC, LC, LC, MS, MS, MS, N, NP, NP, NP, VP, VP, VP, VP, VP,

COLLECTION DATE CODES: AAA
RECEIPT DATE CODES: AAA
LAB DUE DATE CODES: AAA

SAMPLE SEQ #

			EXTRACT	DET. LMT. 135
			GROUP	CRITERIA 667
001	BROMODICHLOROMETHANE	,UG/L	32101*8010-G	601 000
002	BROMOFORM	,UG/L	32104*8010-G	601 000
003	BROMOMETHANE	,UG/L	34423*8010-G	601 000
004	CARBON TETRACHLORIDE	,UG/L	32102*8010-G	601 000
005	CHLOROBENZENE	,UG/L	34301*8010-G	601 000
006	CHLOROETHANE	,UG/L	34311*8010-G	601 000
007	2-CHLOROETHYL VINYL ETHER	,UG/L	34576*8010-G	601 000
008	CHLOROFORM	,UG/L	32106*8010-G	601 000
009	CHLOROMETHANE	,UG/L	34418*8010-G	601 000
010	DIBROMOCHLOROMETHANE	,UG/L	32105*8010-G	601 000
011	DICHLOROBENZENE, TOT.	,UG/L	81524*8010-G	601 000
012	DICHLORODIFLUORO METHANE	,UG/L	34668*8010-G	601 000
013	1,1-DICHLOROETHANE	,UG/L	34494*8010-G	601 000
014	1,2-DICHLOROETHANE	,UG/L	34531*8010-G	601 000
015	1,1-DICHLOROETHYLENE	,UG/L	34501*8010-G	601 000
016	TRANS-1,2-DICHLORO ETHENE	,UG/L	34546*8010-G	601 000
017	1,2-DICHLOROPROPANE	,UG/L	34541*8010-G	601 000
018	CIS-1,3-DICHLORO PROPENE	,UG/L	34704*8010-G	601 000
019	TRANS-1,3-DICHLORO PROPENE	,UG/L	34699*8010-G	601 000
020	METHYLENE CHLORIDE	,UG/L	34423*8010-G	601 000
021	1,1,2,2-TETRACHLORO ETHANE	,UG/L	34516*8010-G	601 000
022	TETRACHLOROETHENE	,UG/L	34475*8010-G	601 000
023	1,1,2-TRICHLOROMETHANE	,UG/L	34506*8010-G	601 000
024	1,1,2-TRICHLOROMETHANE	,UG/L	34511*8010-G	601 000
025	TRICHLOROETHENE	,UG/L	34180*8010-G	601 000
026	TRICHLOROFLUOROMETHANE	,UG/L	34488*8010-G	601 000
027	VINYL CHLORIDE	,UG/L	39175*8010-G	601 000
028	BENZENE	,UG/L	34030*8020-G	602 000
029	CHLOROBENZENE	,UG/L	34301*8020-G	602 000
030	DICHLOROBENZENE, TOT.	,UG/L	81524*8020-G	602 000
031	ETHYLBENZENE	,UG/L	34371*8020-G	602 000
032	TOLUENE	,UG/L	34010*8020-G	602 000
033	M-XYLENE	,UG/L	98553*8020-G	602 000
034	O-XYLENE, T.	,UG/L	77135*8020-G	602 000
035	M-AND/OR-P-XYLENE	,UG/L	97234*8020-G	602 000
036	O-AND/OR-P XYLENE	,UG/L	98554*8020-G	602 000

D-OPEN L-IN LAB E-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED
 * "STOKET" - NOT ON DEPT AVAIL NIMS

900184

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1244 ***

C# 2 OF 4

PROJECT NUMBER 79J4082G 0201
FIELD GROUP COMINT

PROJECT NAME HUNTSVILLE CUE - DDMT
PROJECT MANAGER F.C. WILBER
LAB COORDINATOR PATRICK WILBER

COLLECTION DATES: A-11/10/93
RECEIPT DATES : A-11/11/93
LAB DUE DATES : A-12/08/93
TURNAROUND :
QC :
COMMENTS/OC FR:

MATRIX : W DET. LIMIT SPEC'D : NONE SPECIFIED
SAMPLE FRACTIONS C, C, EC, EC, EC, LC, LC, LC, LC, MS, MS, MS, N, NP, NP, NP, VP, VP, VP, VP, VP.

COLLECTION DATE CODES:		SAMPLE SEQ #
RECEIPT DATE CODES:		A
LAB USE DATE CODES:		A

			EXTRACT	DET. LMT.	5
			GROUP	CRITERIA	6
001	BROMODICHLOROMETHANE	,UG/L	32101*8010-G	601	0
002	BROMOFORM	,UG/L	32104*8010-G	601	0
003	BROMOMETHANE	,UG/L	34413*8010-G	601	0
004	CARBON TETRACHLORIDE	,UG/L	32102*8010-G	601	0
005	CHLOROBENZENE	,UG/L	34301*8010-G	601	0
006	CHLOROETHANE	,UG/L	34311*8010-G	601	0
007	2-CHLOROETHYL VINYL ETHER	,UG/L	34576*8010-G	601	0
008	CHLOROFORM	,UG/L	32106*8010-G	601	0
009	CHLOROMETHANE	,UG/L	34410*8010-G	601	0
010	DIBROMOCHLOROMETHANE	,UG/L	32105*8010-G	601	0
011	DICHLOROBENZENE, TOT.	,UG/L	81524*8010-G	601	0
012	DICHLORODIFLUORO METHANE	,UG/L	34566*8010-G	601	0
013	1,1-DICHLOROETHANE	,UG/L	34494*8010-G	601	0
014	1,2-DICHLOROETHANE	,UG/L	34531*8010-G	601	0
015	1,1-DICHLOROETHYLENE	,UG/L	34501*8010-G	601	0
016	TRANS-1,2-DICHLORO ETHENE	,UG/L	34546*8010-G	601	0
017	1,2-DICHLOROPROPANE	,UG/L	34541*8010-G	601	0
018	CIS-1,3-DICHLORO PROPENE	,UG/L	34704*8010-G	601	0
019	TRANS-1,3-DICHLORO PROPENE	,UG/L	34699*8010-G	601	0
020	METHYLENE CHLORIDE	,UG/L	34423*8010-G	601	0
021	1,1,2,2-TETRACHLORO ETHANE	,UG/L	34516*8010-G	601	0
022	TETRACHLOROETHENE	,UG/L	34475*8010-G	601	0
023	1,1,1-TRICHL. ETHANE	,UG/L	34506*8010-G	601	0
024	1,1,2-TRICHL. ETHANE	,UG/L	34511*8010-G	601	0
025	TRICHLOROETHENE	,UG/L	39180*8010-G	601	0
026	TRICHL. FLUOROMETHANE	,UG/L	34488*8010-G	601	0
027	VINYL CHLORIDE	,UG/L	39175*8010-G	601	0
028	BENZENE	,UG/L	34030*8020-G	602	0
029	CHLOROBENZENE	,UG/L	34301*8020-G	601	0
030	DICHLOROBENZENE, TOT.	,UG/L	81524*8020-G	601	0
031	ETHYLENBENZENE	,UG/L	34371*8020-G	602	0
032	TOLUENE	,UG/L	34010*8020-G	602	0
033	M-XYLENE	,UG/L	98553*8020-G	601	0
034	O-XYLENE, T.	,UG/L	77135*8020-G	601	0
035	M-AND/OR-P-XYLENE	,UG/L	97234*8020-G	601	0
036	O-AND/OR-P XYLENE	,UG/L	98554*8020-G	601	0

C-OPEN L-IN LAB S-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED
* "SECRET" * NOT ON DEPT AVAIL NUMS

000185

Environmental Science and Engineering 11/15/93 STATUS:

P# 1 OF 1

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1244 ***

C# 4 OF 4

PROJECT NUMBER 9934062G 0201
FIELD GROUP CDMTMPROJECT NAME HUNTSVILLE COB - DDMT
PROJECT MANAGER P.C. WILBER
LAB COORDINATOR PATRICK WILBERCOLLECTION DATES: A-11/12/93
RECEIPT DATES : A-11/13/93
LAB DUE DATES : A-12/10/93
TURNAROUND :
QC :
COMMENTS/QC FR:MATRIX : M DET. LIMIT SPEC'D : NONE SPECIFIED
SAMPLE FRACTIONS C, C, EC, EC, EC, LC, LC, LC, LC, MS, MS, MS, N, NP, NP, NP, VP, VP, VP, VP, VP.COLLECTION DATE CODES: A
RECEIPT DATE CODES: A
LAB DUE DATE CODES: A
SAMPLE SEQ #

				EXTRACT GROUP	DET. LMT. CRITERIA 1
001	BROMODICHLOROMETHANE	,UG/L	32103*8010-G	601	0
002	BROMOFORM	,UG/L	32104*8010-G	601	0
003	BROMOMETHANE	,UG/L	34413*8010-G	601	0
004	CARBON TETRACHLORIDE	,UG/L	32102*8010-G	601	0
005	CHLOROBENZENE	,UG/L	34301*8010-G	601	0
006	CHLOROETHANE	,UG/L	34311*8010-G	601	0
007	2-CHLOROETHYL VINYL ETHER	,UG/L	34576*8010-G	601	0
008	CHLOROFORM	,UG/L	32106*8010-G	601	0
009	CHLOROMETHANE	,UG/L	34418*8010-G	601	0
010	DIBROMOCHLOROMETHANE	,UG/L	32105*8010-G	601	0
011	DICHLOROBENZENE, TOT.	,UG/L	81524*8010-G	601	0
012	DICHLORODIFLUORO METHANE	,UG/L	34668*8010-G	601	0
013	1,1-DICHLOROETHANE	,UG/L	34495*8010-G	601	0
014	1,2-DICHLOROETHANE	,UG/L	34511*8010-G	601	0
015	1,3-DICHLOROETHYLENE	,UG/L	34501*8010-G	601	0
016	TRANS-1,2-DICHLORO ETHENE	,UG/L	34546*8010-G	601	0
017	1,3-DICHLOROPROPANE	,UG/L	34541*8010-G	601	0
018	CIS-1,3-DICHLORO PROPENE	,UG/L	34704*8010-G	601	0
019	TRANS-1,3-DICHLORO PROPENE	,UG/L	34699*8010-G	601	0
020	METHYLENE CHLORIDE	,UG/L	34423*8010-G	601	0
021	1,1,2,2-TETRACHLORO ETHANE	,UG/L	34516*8010-G	601	0
022	TETRACHLOROETHENE	,UG/L	34475*8010-G	601	0
023	1,1,1-TRICHL'ETHANE	,UG/L	34506*8010-G	601	0
024	1,1,2-TRICHL'ETHANE	,UG/L	34511*8010-G	601	0
025	TRICHLOROETHENE	,UG/L	39180*8010-G	601	0
026	TRICHL'FLUOROMETHANE	,UG/L	34488*8010-G	601	0
027	VINYL CHLORIDE	,UG/L	39175*8010-G	601	0
028	BENZENE	,UG/L	34030*8020-G	602	0
029	CHLOROBENZENE	,UG/L	34301*8020-G	602	0
030	DICHLOROBENZENE, TOT.	,UG/L	81524*8020-G	602	0
031	ETHYLBENZENE	,UG/L	34371*8020-G	602	0
032	TOLUENE	,UG/L	34010*8020-G	602	0
033	M-XYLENE	,UG/L	98553*8020-G	602	0
034	O-XYLENE, T.	,UG/L	77135*8020-G	602	0
035	M-AND/OR-P-XYLENE	,UG/L	97234*8020-G	602	0
036	O-AND/OR-P XYLENE	,UG/L	98554*8020-G	602	0

Q-OPEN L-IN LAB E-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED
* "STORIT" - NOT ON DEPT AVAIL NUMS

000186

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1244 ***

C# 2 OF 4

PROJECT NUMBER 7934082G 0201
FIELD GROUP CDDMTW

PROJECT NAME HUNTSVILLE COX - DDMT
PROJECT MANAGER P.C. WILBER
LAB COORDINATOR PATRICK WILBER

COLLECTION DATES: A-11/12/93
RECEIPT DATES : A-11/13/93
LAE DUE DATES : A-12/10/93

TURNAROUNDS	2
QC	1
COMMENTS/DC	FR

MATRIX : W DET. LIMIT SPEC'D : NONE SPECIFIED
 SAMPLE FRACTIONS C, C, BC, BC, EC, LC, LC, LC, LC, MS, MS, MS, N, NF, NF, NP, VP, VP, VP, VP, VP, VP.

SAMPLE SEQ #

COLLECTION DATE CODES: AAA
RECEIPT DATE CODES: AAA
LAB DUE DATE CODES: AAA

			EXTRACT	DET. LMT.	36
			GROUP	CRITERIA	160
001	BROMODICHLOROMETHANE	,UG/L	32101*8010-G	601	000
002	BROMOFORM	,UG/L	32104*8010-G	601	000
003	BROMOMETHANE	,UG/L	34413*8010-G	601	000
004	CARBON TETRACHLORIDE	,UG/L	32102*8010-G	601	000
005	CHLOROBENZENE	,UG/L	34301*8010-G	601	000
006	CHLOROETHANE	,UG/L	34311*8010-G	601	000
007	2-CHLOROETHYL VINYL ETHER	,UG/L	34576*8010-G	601	000
008	CHLOROFORM	,UG/L	32105*8010-G	601	000
009	CHLOROMETHANE	,UG/L	34418*8010-G	601	000
010	DIBROMOCHLOROMETHANE	,UG/L	32105*8010-G	601	000
011	DICHLOROBENZENE, TOT.	,UG/L	81524*8010-G	601	000
012	DICHLORODIFLUORO METHANE	,UG/L	34669*8010-G	601	000
013	1,1-DICHLOROETHANE	,UG/L	34496*8010-G	601	000
014	1,2-DICHLOROETHANE	,UG/L	34531*8010-G	601	000
015	1,1-DICHLOROETHYLENE	,UG/L	34501*8010-G	601	000
016	TRANS-1,2-DICHLORO ETHENE	,UG/L	34546*8010-G	601	000
017	1,2-DICHLOROPROPANE	,UG/L	34541*8010-G	601	000
018	CIS-1,3-DICHLORO PROPENE	,UG/L	34704*8010-G	601	000
019	TRANS-1,3-DICHLORO PROPENE	,UG/L	34699*8010-G	601	000
020	METHYLENE CHLORIDE	,UG/L	34423*8010-G	601	000
021	1,1,2,2-TETRACHLORO ETHANE	,UG/L	34516*8010-G	601	000
022	TETRACHLOROETHENE	,UG/L	34475*8010-G	601	000
023	1,1,1-TRICHL' ETHANE	,UG/L	34506*8010-G	601	000
024	1,1,2-TRICHL' ETHANE	,UG/L	34511*8010-G	601	000
025	TRICHLOROETHENE	,UG/L	39180*8010-G	601	000
026	TRICHL' FLUOROMETHANE	,UG/L	34486*8010-G	601	000
027	VINYL CHLORIDE	,UG/L	39175*8010-G	601	000
028	BENZENE	,UG/L	34030*8020-G	602	000
029	CHLOROBENZENE	,UG/L	34301*8020-G		000
030	DICHLOROBENZENE, TOT.	,UG/L	81524*8020-G		000
031	ETHYLBENZENE	,UG/L	34371*8020-G	602	000
032	TOLUENE	,UG/L	34010*8020-G	602	000
033	M-XYLENE	,UG/L	38553*8020-G		000
034	O-XYLENE, T.	,UG/L	77135*8020-G		000
035	M-AND/OR-P-XYLENE	,UG/L	97234*8020-G		000
036	O-AND/OR-P-XYLENE	,UG/L	98554*8020-G		000

O-OPEN L-IN LAB E-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED
* "STORET" - NOT ON DEPT AVAIL NUMS

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Notebook No. 882

PROJECT 8010 1°, VOA Standards

Continued From Page

Analyte	ul/10mls	mg/10mls	conc. mg/ml 1°
MGL2	8.0	10.2	1.02
T12CL6	8.2	10.0	1.00
110CL6	8.6	9.9	.99
CHCL3	8.8	10.0	1.00
111TCL6	7.6	9.8	.98
CLL4	6.5	10.1	1.01
120CL6	8.1	9.9	.99
TRCL6	7.0	10.0	1.00
120CPA	8.8	10.0	1.00
CHCL2BR	6.3	10.3	1.03
2CEVE	9.7	10.4	1.04
C130LPE	16.8	19.8	.99
T100LPE	16.8	19.8	.99
112TCL6	6.4	10.0	1.00
TCL6E	6.5	10.3	1.03
CHCLBR2	4.2	9.9	.99
CHBR3	3.4	9.8	.98
1122TCL6A	6.2	9.8	.98
110CL6 (Suplex Cat # 4-0027, LOT# LA36643)			1.00
BFB 1° (Surrogate)	6.0	10.3	1.03

VOA STANDARDS: To 10.0 ml with MGOH

Nominal conc. (mg/L)	1	5	10	50	100
ul 801°	10	50	100	500	1000
ul 80201°	10	50	100	500	1000
ul 110CL6	10	50	100	500	1000

SURELCO

Cat no 4-0027
Storage-REFRIGERATE
Exp date MAY-94
Lot no- LA36643

FOR RESEARCH USE ONLY

1,1-Dichloroethylene
1000ug/ml in methanol
1ml

DANGER-TOXIC-MAY BE FATAL IF SWALLOWED

DANGER-EXTREMELY FLAMMABLE

May be fatal if swallowed. May cause headache, nausea, blindness. Reported animal carcinogen.

BFB (60ppm): 600 ul 1°
diluted to 10.0 ml
with MGOH.

Continued on Page

BWS

Signed

11/11/93

Date

Read and Understood By

Bill Helling

Signed

000189

11-12-93

Date

PROJECT 8020 1°, 8020 Spike

Continued From Page

Analyte	Lot #	ml/10mls	ml/10mls	conc. ml/ml 1°
MTBE	1371	14.0	10.0	1.00
BENZENE		11.5	9.9	.99
TOLUENE		11.6	10.0	1.00
CL BENZ		9.2	10.2	1.02
ET BENZ		11.7	10.4	1.04
m-Xyl		11.7	10.1	1.01
p-Xyl		11.5	9.9	.99
O-Xyl		11.6	11.0	1.10
M-DCB		7.9	10.0	1.00
P-DCB		chunk	9.6	.96
O-DCB		7.8	10.2	1.02
FLB (Sur) 1° 019248T		9.9	10.0	1.00

8020 Working stds to 10.0 ml with MeOH

Normal conc. ug/ml	1	5	10	50	100
U ml 8020 1°	10	50	100	500	1000

FLB (60 ug/ml): 600 ml FLB 1° diluted to 10.0 ml with MeOH

8020 Spike

Soil: Absolute Standards part # 19096, 200 ug/ml, 7 components

Water: Absolute Standards part # 19096, 1.0 ml diluted to 10.0 ml with MeOH (20 ug/ml) 7 components

Continued on Page



Signed

11/10/93

Date

Read and Understood By



Signed

000190

11-10-93

Date

Notebook No. 882

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PROJECT VOA Spike + ICV

Continued From Page

1P (UPM 3000 rpm)			
Analyte	ul/10ml	mg/10ml	conc mg/ml
CCL ₃ F	6.9	10.5	1.05
CH ₂ Cl ₂	6.8	9.8	.98
1,1,1-TCE	7.6	9.9	.99
TRCLE	7.0	10.1	1.01
1,1,2-DCE	16.8 isomers	19.8	.99
1,1,2-DCE			.99
TCLE	6.5	10.0	1.00
1,1,2,2-Tetra	6.2	10.0	1.00
1,1,2,2-Tetra	14.0	9.7	.97
1,1,2,2-Tetra	11.5	9.7	.97
1,1,2,2-Tetra	11.6	10.1	1.01
1,1,2,2-Tetra	11.7	10.0	1.00
1,1,2,2-Tetra	9.0	10.0	1.00
1,1,2,2-Tetra (500 ul of Absolute Std's part # 32251) (Lot # 100192 1,1,2,2-Tetra 20 mg/ml)			1.00

Part Number: 32251 1 mL Lot: 100192
 1,1-Dichloroethane
 20 ug/mL in methanol
 ABSOLUTE STANDARDS INC 800-368-1131 Expir: 10-94

ICV: (20 ug/mL) 1.0 mL Absolute Standards part # 40021 (Lot # 100192) diluted to 10.0 mL with MeOH

Part Number 40021 1 mL Lot
 200 ug/mL in Methanol
 EPA Method 821 Mix 81 Purgeables
 20 components
 ABSOLUTE STANDARDS INC 203 468-7407

40ppm Sp: 400 ul Sp 1P diluted to 10.0 mL with MeOH

4ppm Sp: 40 ul Sp 1P diluted to 10.0 mL with MeOH

Continued on Page

BWS

Signed

11/11/93

Date

Read and Understood By

Bill Schullery

Signed

000191

11-12-93

Date

Early Gases,
PROJECT Styrene + C120CE standards

Notebook No. 882

Continued From Page

For W5033 PG Samples

1st
styrene 0.8 ml (9.7 mg) in 10 ml MeOH 970 mg/L
C120CE 8.7 ml (10.4 mg) in 10 ml MeOH 1040 mg/L

100 ppm (nominal) 1.0 ml 1st diluted to 10.0 ml with MeOH
in 10.0 ml volumetric flask

10 ppm (nominal) 10.0 ml 1st diluted to 10.0 ml with MeOH
in 10.0 ml volumetric flask

1 ppm (nominal) 1.0 ml 1st diluted to 10.0 ml with MeOH
in 10.0 ml volumetric flask

Early Gases

100 ppm: 500 ml Absolute Standards part # 30058, mix #1 Gases 20000 mg/L
diluted to 10.0 ml with MeOH

10 ppm: 50 ml Absolute Standards part # 30058 diluted to
10.0 ml with MeOH

1 ppm: 5 ml Absolute Standards part # 30058 diluted to
10.0 ml with MeOH

Continued on Page

BW Smith
Signed

11/4/93
Date

Read and Understood By

Bill Schilling
Signed

000192
11-10-93
Date

ANALYSIS DATE: 11/17/93

ANALYST: BWS 715

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	OCDFM Area
ME=1117B=1	37WA001.rs	11/17/93	8:42 PM		
882088-1	37WA002.rs	11/17/93	9:57 PM	2.85	8557
882088-2.5	37WA003.rs	11/17/93	11:06 PM	2.86	12112
882088-5	37WA004.rs	11/18/93	12:14 AM	2.82	42666
882088-10	37WA005.rs	11/18/93	1:19 AM	2.81	112604
882088-25	37WA006.rs	11/18/93	2:23 AM	2.77	654245
882088-50	37WA007.rs	11/18/93	3:26 AM	2.78	1475282
882088-100	37WA008.rs	11/18/93	4:27 AM	2.79	2911920
ICV=1117B=1	37WA009.rs	11/18/93	5:28 AM		
CCDMTW=1	37WA010.rs	11/18/93	6:29 AM		
CCDMTW=2	37WA011.rs	11/18/93	7:29 AM		
CCDMTW=3	37WA012.rs	11/18/93	8:29 AM		
CCDMTW=10	37WA013.rs	11/18/93	9:29 AM		
CCDMTW=11	37WA014.rs	11/18/93	10:29 AM		
CCDMTW=12	37WA015.rs	11/18/93	11:28 AM		
CCDMTW=60	37WA016.rs	11/18/93	12:27 PM		
CCDMTW=25	37WA017.rs	11/18/93	2:22 PM		
CCDMTW=26	37WA018.rs	11/18/93	3:21 PM		
CCDMTW=36	37WA019.rs	11/18/93	4:20 PM		
✓ CCS=1117B=1	37WA020.rs	11/18/93	5:20 PM	2.76	1159085
CCDMTW=41	37WA021.rs	11/18/93	6:48 PM		
SPM1=TCM117=1	37WA022.rs	11/18/93	7:46 PM		
SPM2=TCM117=1	37WA023.rs	11/18/93	8:46 PM		
SP1=1117B=1	37WA024.rs	11/18/93	9:45 PM		
CCDMTW=42	37WA025.rs	11/18/93	10:45 PM		
CCDMTW=53	37WA026.rs	11/18/93	11:44 PM		
CCDMTW=56	37WA027.rs	11/19/93	12:43 AM		
CCDMTW=57	37WA028.rs	11/19/93	1:43 AM		
CCDMTW=58	37WA029.rs	11/19/93	2:42 AM		
TCM117=1	37WA030.rs	11/19/93	3:41 AM		
TCM117=2	37WA031.rs	11/19/93	4:40 AM		
TCM117=3	37WA032.rs	11/19/93	5:39 AM		
CCDMTW=16	37WA033.rs	11/19/93	6:39 AM		
CCS=1117B=2	37WA034.rs	11/19/93	7:36 AM	2.74	1196159
CCDMTW=2 1:20	37WA035.rs	11/19/93	8:37 AM		
CCDMTW=3 1:20	37WA036.rs	11/19/93	9:37 AM		
CCDMTW=10 1:20	37WA037.rs	11/19/93	10:37 AM		
CCDMTW=11 1:20	37WA038.rs	11/19/93	11:37 AM		
CCDMTW=12 1:20	37WA039.rs	11/19/93	12:37 PM		
CCDMTW=41 1:20	37WA040.rs	11/19/93	1:37 PM		
CCDMTW=42 1:20	37WA041.rs	11/19/93	2:36 PM		
SPM=CCDMTW=3	37WA042.rs	11/19/93	3:36 PM		
SPM=CCDMTW=10	37WA043.rs	11/19/93	4:36 PM		
CCS=1117B=3	37WA044.rs	11/19/93	5:37 PM	2.74	1035090

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	CH3CL Area
ME=1117B=1	37WA001.rs	11/17/93	8:42 PM		
882088-1	37WA002.rs	11/17/93	9:57 PM		
882088-2.5	37WA003.rs	11/17/93	11:06 PM	3.32	6839
882088-5	37WA004.rs	11/18/93	12:14 AM	3.32	17154
882088-10	37WA005.rs	11/18/93	1:19 AM	3.28	44619
882088-25	37WA006.rs	11/18/93	2:23 AM	3.26	173076
882088-50	37WA007.rs	11/18/93	3:26 AM	3.26	452940
882088-100	37WA008.rs	11/18/93	4:27 AM	3.32	815027
ICV=1117B=1	37WA009.rs	11/18/93	5:28 AM		

000193

COOMTW=1	37WA010.rs	11/18/93	6:29 AM	-----	-----
COOMTW=2	37WA011.rs	11/18/93	7:29 AM	-----	-----
COOMTW=3	37WA012.rs	11/18/93	8:29 AM	-----	-----
COOMTW=10	37WA013.rs	11/18/93	9:29 AM	-----	-----
COOMTW=11	37WA014.rs	11/18/93	10:29 AM	-----	-----
COOMTW=12	37WA015.rs	11/18/93	11:28 AM	-----	-----
COOMTW=60	37WA016.rs	11/18/93	12:27 PM	-----	-----
COOMTW=25	37WA017.rs	11/18/93	2:22 PM	-----	-----
COOMTW=26	37WA018.rs	11/18/93	3:21 PM	-----	-----
COOMTW=36	37WA019.rs	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.rs	11/18/93	5:20 PM	3.24	255403
COOMTW=41	37WA021.rs	11/18/93	6:48 PM	-----	-----
SPM1=TCMH17=1	37WA022.rs	11/18/93	7:46 PM	-----	-----
SPM2=TCMH17=1	37WA023.rs	11/18/93	8:46 PM	-----	-----
SP1=1117B=1	37WA024.rs	11/18/93	9:45 PM	-----	-----
COOMTW=42	37WA025.rs	11/18/93	10:45 PM	-----	-----
COOMTW=53	37WA026.rs	11/18/93	11:44 PM	-----	-----
COOMTW=56	37WA027.rs	11/19/93	12:43 AM	-----	-----
COOMTW=57	37WA028.rs	11/19/93	1:43 AM	-----	-----
COOMTW=58	37WA029.rs	11/19/93	2:42 AM	-----	-----
TCMH17=1	37WA030.rs	11/19/93	3:41 AM	-----	-----
TCMH17=2	37WA031.rs	11/19/93	4:40 AM	-----	-----
TCMH17=3	37WA032.rs	11/19/93	5:39 AM	-----	-----
COOMTW=16	37WA033.rs	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WA034.rs	11/19/93	7:38 AM	3.22	282632
COOMTW=2 1:20	37WA035.rs	11/19/93	8:37 AM	-----	-----
COOMTW=3 1:20	37WA036.rs	11/19/93	9:37 AM	-----	-----
COOMTW=10 1:20	37WA037.rs	11/19/93	10:37 AM	-----	-----
COOMTW=11 1:20	37WA038.rs	11/19/93	11:37 AM	-----	-----
COOMTW=12 1:20	37WA039.rs	11/19/93	12:37 PM	-----	-----
COOMTW=41 1:20	37WA040.rs	11/19/93	1:37 PM	-----	-----
COOMTW=42 1:20	37WA041.rs	11/19/93	2:36 PM	-----	-----
SPM=COOMTW=3	37WA042.rs	11/19/93	3:36 PM	-----	-----
SPM=COOMTW=10	37WA043.rs	11/19/93	4:36 PM	-----	-----
CCS=111B=3	37WA044.rs	11/19/93	5:37 PM	3.19	247386

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
MB=1117B=1	37WA001.rs	11/17/93	8:42 PM	-----	-----
BB2088-1	37WA002.rs	11/17/93	9:57 PM	3.49	57230
BB2088-2.5	37WA003.rs	11/17/93	11:06 PM	3.49	80573
BB2088-5	37WA004.rs	11/18/93	12:14 AM	3.51	199357
BB2088-10	37WA005.rs	11/18/93	1:19 AM	3.53	393601
BB2088-25	37WA006.rs	11/18/93	2:23 AM	3.53	1362422
BB2088-50	37WA007.rs	11/18/93	3:26 AM	3.56	2799462
BB2088-100	37WA008.rs	11/18/93	4:27 AM	3.57	5512956
ICV=1117B=1	37WA009.rs	11/18/93	5:28 AM	-----	-----
COOMTW=1	37WA010.rs	11/18/93	6:29 AM	-----	-----
COOMTW=2	37WA011.rs	11/18/93	7:29 AM	3.58	930471
COOMTW=3	37WA012.rs	11/18/93	8:29 AM	-----	-----
COOMTW=10	37WA013.rs	11/18/93	9:29 AM	3.63	11569
COOMTW=11	37WA014.rs	11/18/93	10:29 AM	-----	-----
COOMTW=12	37WA015.rs	11/18/93	11:28 AM	-----	-----
COOMTW=60	37WA016.rs	11/18/93	12:27 PM	-----	-----
COOMTW=25	37WA017.rs	11/18/93	2:22 PM	-----	-----
COOMTW=26	37WA018.rs	11/18/93	3:21 PM	-----	-----
COOMTW=36	37WA019.rs	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.rs	11/18/93	5:20 PM	3.47	1994451
COOMTW=41	37WA021.rs	11/18/93	6:48 PM	-----	-----
SPM1=TCMH17=1	37WA022.rs	11/18/93	7:46 PM	-----	-----
SPM2=TCMH17=1	37WA023.rs	11/18/93	8:46 PM	-----	-----
SP1=1117B=1	37WA024.rs	11/18/93	9:45 PM	-----	-----
COOMTW=42	37WA025.rs	11/18/93	10:45 PM	-----	-----
COOMTW=53	37WA026.rs	11/18/93	11:44 PM	-----	-----
COOMTW=56	37WA027.rs	11/19/93	12:43 AM	-----	-----
COOMTW=57	37WA028.rs	11/19/93	1:43 AM	-----	-----
COOMTW=58	37WA029.rs	11/19/93	2:42 AM	-----	-----
TCMH17=1	37WA030.rs	11/19/93	3:41 AM	-----	-----

TCM17#2	37WAO31.rs	11/19/93	4:40 AM	-----	-----
TCM17#3	37WAO32.rs	11/19/93	5:39 AM	-----	-----
COOHTW#16	37WAO33.rs	11/19/93	6:39 AM	-----	-----
CCS#1117B#2	37WAO34.rs	11/19/93	7:38 AM	3.47	1911426
COOHTW#2 1:20	37WAO35.rs	11/19/93	8:37 AM	3.54	37191
COOHTW#3 1:20	37WAO36.rs	11/19/93	9:37 AM	-----	-----
COOHTW#10 1:20	37WAO37.rs	11/19/93	10:37 AM	-----	-----
COOHTW#11 1:20	37WAO38.rs	11/19/93	11:37 AM	-----	-----
COOHTW#12 1:20	37WAO39.rs	11/19/93	12:37 PM	-----	-----
COOHTW#41 1:20	37WAO40.rs	11/19/93	1:37 PM	-----	-----
COOHTW#42 1:20	37WAO41.rs	11/19/93	2:36 PM	-----	-----
SPH#COOHTW#3	37WAO42.rs	11/19/93	3:36 PM	-----	-----
SPH#COOHTW#10	37WAO43.rs	11/19/93	4:36 PM	3.51	15813
CCS#111B#3	37WAO44.rs	11/19/93	5:37 PM	3.45	1608760

Sample Name	File Name	Date Of Injection	Time Of Injection	CH3BR	
				Ret. Time	Area
MS#1117B#1	37WAO01.rs	11/17/93	8:42 PM	-----	-----
882088-1	37WAO02.rs	11/17/93	9:57 PM	-----	-----
882088-2.5	37WAO03.rs	11/17/93	11:06 PM	4.38	10882
882088-5	37WAO04.rs	11/18/93	12:14 AM	4.39	41815
882088-10	37WAO05.rs	11/18/93	1:19 AM	4.43	111621
882088-25	37WAO06.rs	11/18/93	2:23 AM	4.43	392929
882088-50	37WAO07.rs	11/18/93	3:26 AM	4.47	966975
882088-100	37WAO08.rs	11/18/93	4:27 AM	4.51	1948064
ICV#1117B#1	37WAO09.rs	11/18/93	5:28 AM	-----	-----
COOHTW#1	37WAO10.rs	11/18/93	6:29 AM	-----	-----
COOHTW#2	37WAO11.rs	11/18/93	7:29 AM	-----	-----
COOHTW#3	37WAO12.rs	11/18/93	8:29 AM	-----	-----
COOHTW#10	37WAO13.rs	11/18/93	9:29 AM	-----	-----
COOHTW#11	37WAO14.rs	11/18/93	10:29 AM	-----	-----
COOHTW#12	37WAO15.rs	11/18/93	11:28 AM	-----	-----
COOHTW#60	37WAO16.rs	11/18/93	12:27 PM	-----	-----
COOHTW#25	37WAO17.rs	11/18/93	2:22 PM	-----	-----
COOHTW#26	37WAO18.rs	11/18/93	3:21 PM	-----	-----
COOHTW#36	37WAO19.rs	11/18/93	4:20 PM	-----	-----
CCS#1117B#1	37WAO20.rs	11/18/93	5:20 PM	4.32	540839
COOHTW#41	37WAO21.rs	11/18/93	6:48 PM	-----	-----
SPH#1TCM17#1	37WAO22.rs	11/18/93	7:46 PM	-----	-----
SPH#2TCM17#1	37WAO23.rs	11/18/93	8:46 PM	-----	-----
SPH#1117B#1	37WAO24.rs	11/18/93	9:45 PM	-----	-----
COOHTW#42	37WAO25.rs	11/18/93	10:45 PM	-----	-----
COOHTW#53	37WAO26.rs	11/18/93	11:44 PM	-----	-----
COOHTW#56	37WAO27.rs	11/19/93	12:43 AM	-----	-----
COOHTW#57	37WAO28.rs	11/19/93	1:43 AM	-----	-----
COOHTW#58	37WAO29.rs	11/19/93	2:42 AM	-----	-----
TCM17#1	37WAO30.rs	11/19/93	3:41 AM	-----	-----
TCM17#2	37WAO31.rs	11/19/93	4:40 AM	-----	-----
TCM17#3	37WAO32.rs	11/19/93	5:39 AM	-----	-----
COOHTW#16	37WAO33.rs	11/19/93	6:39 AM	-----	-----
CCS#1117B#2	37WAO34.rs	11/19/93	7:38 AM	4.35	511279
COOHTW#2 1:20	37WAO35.rs	11/19/93	8:37 AM	-----	-----
COOHTW#3 1:20	37WAO36.rs	11/19/93	9:37 AM	-----	-----
COOHTW#10 1:20	37WAO37.rs	11/19/93	10:37 AM	-----	-----
COOHTW#11 1:20	37WAO38.rs	11/19/93	11:37 AM	-----	-----
COOHTW#12 1:20	37WAO39.rs	11/19/93	12:37 PM	-----	-----
COOHTW#41 1:20	37WAO40.rs	11/19/93	1:37 PM	-----	-----
COOHTW#42 1:20	37WAO41.rs	11/19/93	2:36 PM	-----	-----
SPH#COOHTW#3	37WAO42.rs	11/19/93	3:36 PM	-----	-----
SPH#COOHTW#10	37WAO43.rs	11/19/93	4:36 PM	-----	-----
CCS#111B#3	37WAO44.rs	11/19/93	5:37 PM	4.27	492244

Sample Name	File Name	Date Of Injection	Time Of Injection	CH3CL	
				Ret. Time	Area
MS#1117B#1	37WAO01.rs	11/17/93	8:42 PM	-----	-----

000195

882088-1	37WAO02.rs	11/17/93	9:57 PM	4.53	46989
882088-2.5	37WAO03.rs	11/17/93	11:06 PM	4.57	77085
882088-5	37WAO04.rs	11/18/93	12:14 AM	4.62	190323
882088-10	37WAO05.rs	11/18/93	1:19 AM	4.68	371346
882088-25	37WAO06.rs	11/18/93	2:23 AM	4.70	1144804
882088-50	37WAO07.rs	11/18/93	3:26 AM	4.75	2325830
882088-100	37WAO08.rs	11/18/93	4:27 AM	4.78	4532716
ICV=1117B*1	37WAO09.rs	11/18/93	5:28 AM		
COOHTW=1	37WAO10.rs	11/18/93	6:29 AM		
COOHTW=2	37WAO11.rs	11/18/93	7:29 AM		
COOHTW=3	37WAO12.rs	11/18/93	8:29 AM		
COOHTW=10	37WAO13.rs	11/18/93	9:29 AM		
COOHTW=11	37WAO14.rs	11/18/93	10:29 AM		
COOHTW=12	37WAO15.rs	11/18/93	11:28 AM		
COOHTW=60	37WAO16.rs	11/18/93	12:27 PM		
COOHTW=25	37WAO17.rs	11/18/93	2:22 PM		
COOHTW=26	37WAO18.rs	11/18/93	3:21 PM		
COOHTW=36	37WAO19.rs	11/18/93	4:20 PM		
CCS=1117B*1	37WAO20.rs	11/18/93	5:20 PM	4.58	1442513
COOHTW=41	37WAO21.rs	11/18/93	6:48 PM		
SPM1=TCM17*1	37WAO22.rs	11/18/93	7:46 PM		
SPM2=TCM17*1	37WAO23.rs	11/18/93	8:46 PM		
SP1=1117B*1	37WAO24.rs	11/18/93	9:45 PM		
COOHTW=42	37WAO25.rs	11/18/93	10:45 PM		
COOHTW=53	37WAO26.rs	11/18/93	11:44 PM		
COOHTW=56	37WAO27.rs	11/19/93	12:43 AM		
COOHTW=57	37WAO28.rs	11/19/93	1:43 AM		
COOHTW=58	37WAO29.rs	11/19/93	2:42 AM		
TCM17*1	37WAO30.rs	11/19/93	3:41 AM		
TCM17*2	37WAO31.rs	11/19/93	4:40 AM		
TCM17*3	37WAO32.rs	11/19/93	5:39 AM		
COOHTW=16	37WAO33.rs	11/19/93	6:39 AM		
CCS=1117B*2	37WAO34.rs	11/19/93	7:38 AM	4.59	1321763
COOHTW=2 1:20	37WAO35.rs	11/19/93	8:37 AM		
COOHTW=3 1:20	37WAO36.rs	11/19/93	9:37 AM		
COOHTW=10 1:20	37WAO37.rs	11/19/93	10:37 AM		
COOHTW=11 1:20	37WAO38.rs	11/19/93	11:37 AM		
COOHTW=12 1:20	37WAO39.rs	11/19/93	12:37 PM		
COOHTW=41 1:20	37WAO40.rs	11/19/93	1:37 PM		
COOHTW=42 1:20	37WAO41.rs	11/19/93	2:36 PM		
SPM=COOHTW=3	37WAO42.rs	11/19/93	3:36 PM		
SPM=COOHTW=10	37WAO43.rs	11/19/93	4:36 PM		
CCS=1116*3	37WAO44.rs	11/19/93	5:37 PM	4.52	1307722

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
882088-1	37WAO01.rs	11/17/93	8:42 PM		
882088-2.5	37WAO02.rs	11/17/93	9:57 PM	5.14	118977
882088-5	37WAO03.rs	11/17/93	11:06 PM	5.19	170561
882088-10	37WAO04.rs	11/18/93	12:14 AM	5.26	434812
882088-25	37WAO05.rs	11/18/93	1:19 AM	5.34	822548
882088-50	37WAO06.rs	11/18/93	2:23 AM	5.38	2271059
882088-100	37WAO07.rs	11/18/93	3:26 AM	5.43	4794152
ICV=1117B*1	37WAO08.rs	11/18/93	4:27 AM	5.51	9272014
COOHTW=1	37WAO09.rs	11/18/93	5:28 AM		
COOHTW=2	37WAO10.rs	11/18/93	6:29 AM		
COOHTW=3	37WAO11.rs	11/18/93	7:29 AM		
COOHTW=10	37WAO12.rs	11/18/93	8:29 AM		
COOHTW=11	37WAO13.rs	11/18/93	9:29 AM		
COOHTW=12	37WAO14.rs	11/18/93	10:29 AM		
COOHTW=60	37WAO15.rs	11/18/93	11:28 AM		
COOHTW=25	37WAO16.rs	11/18/93	12:27 PM		
COOHTW=26	37WAO17.rs	11/18/93	2:22 PM		
COOHTW=36	37WAO18.rs	11/18/93	3:21 PM		
CCS=1117B*1	37WAO19.rs	11/18/93	4:20 PM		
COOHTW=41	37WAO20.rs	11/18/93	5:20 PM	5.23	2921441
SPM1=TCM17*1	37WAO21.rs	11/18/93	6:48 PM		
	37WAO22.rs	11/18/93	7:46 PM	5.37	2423269

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SPM2*TCM17*1	37WA023.ra	11/18/93	8:46 PM	5.32	2401152
SP1*1117B*1	37WA024.ra	11/18/93	9:45 PM	5.26	2254142
COOMTW*42	37WA025.ra	11/18/93	10:45 PM	-----	-----
COOMTW*53	37WA026.ra	11/18/93	11:44 PM	-----	-----
COOMTW*56	37WA027.ra	11/19/93	12:43 AM	-----	-----
COOMTW*57	37WA028.ra	11/19/93	1:43 AM	-----	-----
COOMTW*58	37WA029.ra	11/19/93	2:42 AM	-----	-----
TCM17*1	37WA030.ra	11/19/93	3:41 AM	-----	-----
TCM17*2	37WA031.ra	11/19/93	4:40 AM	-----	-----
TCM17*3	37WA032.ra	11/19/93	5:39 AM	-----	-----
COOMTW*16	37WA033.ra	11/19/93	6:39 AM	-----	-----
CCS*1117B*2	37WA034.ra	11/19/93	7:38 AM	5.24	2735351
COOMTW*2 1:20	37WA035.ra	11/19/93	8:37 AM	-----	-----
COOMTW*3 1:20	37WA036.ra	11/19/93	9:37 AM	-----	-----
COOMTW*10 1:20	37WA037.ra	11/19/93	10:37 AM	-----	-----
COOMTW*11 1:20	37WA038.ra	11/19/93	11:37 AM	-----	-----
COOMTW*12 1:20	37WA039.ra	11/19/93	12:37 PM	-----	-----
COOMTW*41 1:20	37WA040.ra	11/19/93	1:37 PM	-----	-----
COOMTW*42 1:20	37WA041.ra	11/19/93	2:36 PM	-----	-----
SPM*COOMTW*3	37WA042.ra	11/19/93	3:36 PM	5.17	2146767
SPM*COOMTW*10	37WA043.ra	11/19/93	4:36 PM	5.11	2353696
CCS*1118*3	37WA044.ra	11/19/93	5:37 PM	5.13	2724284

Sample Name	File Name	Date Of Injection	Time Of Injection	110CE	
				Ret. Time	Area
HB*1117B*1	37WA001.ra	11/17/93	8:42 PM	-----	-----
BB2088-1	37WA002.ra	11/17/93	9:57 PM	6.81	58786
BB2088-2.5	37WA003.ra	11/17/93	11:06 PM	6.90	183241
BB2088-5	37WA004.ra	11/18/93	12:14 AM	7.03	415293
BB2088-10	37WA005.ra	11/18/93	1:19 AM	7.19	796399
BB2088-25	37WA006.ra	11/18/93	2:23 AM	7.23	2010515
BB2088-50	37WA007.ra	11/18/93	3:26 AM	7.32	4569600
BB2088-100	37WA008.ra	11/18/93	4:27 AM	7.43	9341225
ICV*1117B*1	37WA009.ra	11/18/93	5:28 AM	7.49	1676054
COOMTW*1	37WA010.ra	11/18/93	6:29 AM	-----	-----
COOMTW*2	37WA011.ra	11/18/93	7:29 AM	-----	-----
COOMTW*3	37WA012.ra	11/18/93	8:29 AM	7.57	3387152
COOMTW*10	37WA013.ra	11/18/93	9:29 AM	7.57	8207102
COOMTW*11	37WA014.ra	11/18/93	10:29 AM	-----	-----
COOMTW*12	37WA015.ra	11/18/93	11:28 AM	-----	-----
COOMTW*60	37WA016.ra	11/18/93	12:27 PM	-----	-----
COOMTW*25	37WA017.ra	11/18/93	2:22 PM	-----	-----
COOMTW*26	37WA018.ra	11/18/93	3:21 PM	-----	-----
COOMTW*36	37WA019.ra	11/18/93	4:20 PM	-----	-----
CCS*1117B*1	37WA020.ra	11/18/93	5:20 PM	6.99	2094755
COOMTW*41	37WA021.ra	11/18/93	6:48 PM	7.96	9287678
SPM1*TCM17*1	37WA022.ra	11/18/93	7:46 PM	7.24	2036994
SPM2*TCM17*1	37WA023.ra	11/18/93	8:46 PM	7.16	2090534
SP1*1117B*1	37WA024.ra	11/18/93	9:45 PM	7.10	1904782
COOMTW*42	37WA025.ra	11/18/93	10:45 PM	-----	-----
COOMTW*53	37WA026.ra	11/18/93	11:44 PM	-----	-----
COOMTW*56	37WA027.ra	11/19/93	12:43 AM	-----	-----
COOMTW*57	37WA028.ra	11/19/93	1:43 AM	-----	-----
COOMTW*58	37WA029.ra	11/19/93	2:42 AM	-----	-----
TCM17*1	37WA030.ra	11/19/93	3:41 AM	-----	-----
TCM17*2	37WA031.ra	11/19/93	4:40 AM	-----	-----
TCM17*3	37WA032.ra	11/19/93	5:39 AM	-----	-----
COOMTW*16	37WA033.ra	11/19/93	6:39 AM	-----	-----
CCS*1117B*2	37WA034.ra	11/19/93	7:38 AM	7.08	2035198
COOMTW*2 1:20	37WA035.ra	11/19/93	8:37 AM	-----	-----
COOMTW*3 1:20	37WA036.ra	11/19/93	9:37 AM	7.11	83858
COOMTW*10 1:20	37WA037.ra	11/19/93	10:37 AM	7.00	307445
COOMTW*11 1:20	37WA038.ra	11/19/93	11:37 AM	-----	-----
COOMTW*12 1:20	37WA039.ra	11/19/93	12:37 PM	-----	-----
COOMTW*41 1:20	37WA040.ra	11/19/93	1:37 PM	6.94	385835
COOMTW*42 1:20	37WA041.ra	11/19/93	2:36 PM	-----	-----
SPM*COOMTW*3	37WA042.ra	11/19/93	3:36 PM	6.91	5780429
SPM*COOMTW*10	37WA043.ra	11/19/93	4:36 PM	6.83	10145129

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Sample Name	File Name	Date Of Injection	Time Of Injection	MECL2	
				Ret. Time	Area
MB*1117B*1	37WA001.re	11/17/93	8:42 PM		
882088-1	37WA002.re	11/17/93	9:57 PM	8.75	87779
882088-2.5	37WA003.re	11/17/93	11:06 PM	8.83	255269
882088-5	37WA004.re	11/18/93	12:14 AM	8.98	532997
882088-10	37WA005.re	11/18/93	1:19 AM	9.12	1053060
882088-25	37WA006.re	11/18/93	2:23 AM	9.17	2563627
882088-50	37WA007.re	11/18/93	3:26 AM	9.26	5317313
882088-100	37WA008.re	11/18/93	4:27 AM	9.37	10033546
ICV*1117B*1	37WA009.re	11/18/93	5:28 AM	9.47	2050277
COOMTW*1	37WA010.re	11/18/93	6:29 AM		
COOMTW*2	37WA011.re	11/18/93	7:29 AM	9.53	1713615
COOMTW*3	37WA012.re	11/18/93	8:29 AM		
COOMTW*10	37WA013.re	11/18/93	9:29 AM	9.58	13574157
COOMTW*11	37WA014.re	11/18/93	10:29 AM		
COOMTW*12	37WA015.re	11/18/93	11:28 AM		
COOMTW*50	37WA016.re	11/18/93	12:27 PM		
COOMTW*25	37WA017.re	11/18/93	2:22 PM		
COOMTW*26	37WA018.re	11/18/93	3:21 PM		
COOMTW*36	37WA019.re	11/18/93	4:20 PM		
CCS*1117B*1	37WA020.re	11/18/93	5:20 PM	8.98	2742525
COOMTW*41	37WA021.re	11/18/93	6:48 PM	10.01	13942071
SPM1*TCMH17*1	37WA022.re	11/18/93	7:46 PM		
SPM2*TCMH17*1	37WA023.re	11/18/93	8:46 PM		
SP1*1117B*1	37WA024.re	11/18/93	9:45 PM		
COOMTW*42	37WA025.re	11/18/93	10:45 PM		
COOMTW*53	37WA026.re	11/18/93	11:44 PM	9.06	9195
COOMTW*56	37WA027.re	11/19/93	12:43 AM	9.03	10992
COOMTW*57	37WA028.re	11/19/93	1:43 AM	9.03	134239
COOMTW*58	37WA029.re	11/19/93	2:42 AM		
TCMH17*1	37WA030.re	11/19/93	3:41 AM		
TCMH17*2	37WA031.re	11/19/93	4:40 AM		
TCMH17*3	37WA032.re	11/19/93	5:39 AM	9.08	25007
COOMTW*16	37WA033.re	11/19/93	6:39 AM		
CCS*1117B*2	37WA034.re	11/19/93	7:38 AM	9.04	2673767
COOMTW*2 1:20	37WA035.re	11/19/93	8:37 AM	9.07	56658
COOMTW*3 1:20	37WA036.re	11/19/93	9:37 AM		
COOMTW*10 1:20	37WA037.re	11/19/93	10:37 AM	8.98	1134485
COOMTW*11 1:20	37WA038.re	11/19/93	11:37 AM		
COOMTW*12 1:20	37WA039.re	11/19/93	12:37 PM		
COOMTW*41 1:20	37WA040.re	11/19/93	1:37 PM	8.90	1155793
COOMTW*42 1:20	37WA041.re	11/19/93	2:36 PM		
SPM*COOMTW*3	37WA042.re	11/19/93	3:36 PM		
SPM*COOMTW*10	37WA043.re	11/19/93	4:36 PM	8.81	13782567
CCS*1117B*3	37WA044.re	11/19/93	5:37 PM	8.82	2766029

Sample Name	File Name	Date Of Injection	Time Of Injection	F120CE	
				Ret. Time	Area
MB*1117B*1	37WA001.re	11/17/93	8:42 PM		
882088-1	37WA002.re	11/17/93	9:57 PM	9.48	88582
882088-2.5	37WA003.re	11/17/93	11:06 PM	9.58	264899
882088-5	37WA004.re	11/18/93	12:14 AM	9.73	537106
882088-10	37WA005.re	11/18/93	1:19 AM	9.87	1062614
882088-25	37WA006.re	11/18/93	2:23 AM	9.96	2527463
882088-50	37WA007.re	11/18/93	3:26 AM	10.06	5326811
882088-100	37WA008.re	11/18/93	4:27 AM	10.18	9500226
ICV*1117B*1	37WA009.re	11/18/93	5:28 AM	10.32	2084428
COOMTW*1	37WA010.re	11/18/93	6:29 AM		
COOMTW*2	37WA011.re	11/18/93	7:29 AM	10.39	1826912
COOMTW*3	37WA012.re	11/18/93	8:29 AM	10.48	7572
COOMTW*10	37WA013.re	11/18/93	9:29 AM	10.46	10281955
COOMTW*11	37WA014.re	11/18/93	10:29 AM	10.36	1159910

COOHTW=12	37WA015.ra	11/18/93	11:28 AM	10.35	2009087
COOHTW=60	37WA016.ra	11/18/93	12:27 PM	-----	-----
COOHTW=25	37WA017.ra	11/18/93	2:22 PM	-----	-----
COOHTW=26	37WA018.ra	11/18/93	3:21 PM	-----	-----
COOHTW=36	37WA019.ra	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.ra	11/18/93	5:20 PM	9.74	2605789
COOHTW=41	37WA021.ra	11/18/93	6:48 PM	10.91	10482003
SPM1=TCMM17=1	37WA022.ra	11/18/93	7:46 PM	9.99	8560
SPM2=TCMM17=1	37WA023.ra	11/18/93	8:46 PM	-----	-----
SP1=1117B=1	37WA024.ra	11/18/93	9:45 PM	-----	-----
COOHTW=42	37WA025.ra	11/18/93	10:45 PM	9.78	3348449
COOHTW=53	37WA026.ra	11/18/93	11:44 PM	-----	-----
COOHTW=56	37WA027.ra	11/19/93	12:43 AM	-----	-----
COOHTW=57	37WA028.ra	11/19/93	1:43 AM	-----	-----
COOHTW=58	37WA029.ra	11/19/93	2:42 AM	-----	-----
TCMM17=1	37WA030.ra	11/19/93	3:41 AM	-----	-----
TCMM17=2	37WA031.ra	11/19/93	4:40 AM	-----	-----
TCMM17=3	37WA032.ra	11/19/93	5:39 AM	-----	-----
COOHTW=16	37WA033.ra	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WA034.ra	11/19/93	7:38 AM	9.82	2663659
COOHTW=2 1:20	37WA035.ra	11/19/93	8:37 AM	9.83	76775
COOHTW=3 1:20	37WA036.ra	11/19/93	9:37 AM	-----	-----
COOHTW=10 1:20	37WA037.ra	11/19/93	10:37 AM	9.74	615981
COOHTW=11 1:20	37WA038.ra	11/19/93	11:37 AM	9.72	34180
COOHTW=12 1:20	37WA039.ra	11/19/93	12:37 PM	9.71	57878
COOHTW=41 1:20	37WA040.ra	11/19/93	1:37 PM	9.66	723824
COOHTW=42 1:20	37WA041.ra	11/19/93	2:36 PM	9.67	74994
SPM=COOHTW=3	37WA042.ra	11/19/93	3:36 PM	9.65	7772
SPM=COOHTW=10	37WA043.ra	11/19/93	4:36 PM	9.56	10335339
CCS=1118=3	37WA044.ra	11/19/93	5:37 PM	9.58	2776502

Sample Name	File Name	Date Of Injection	Time Of Injection	11DCLE	
				Ret. Time	Area
MS=1117B=1	37WA001.ra	11/17/93	8:42 PM	-----	-----
882088-1	37WA002.ra	11/17/93	9:57 PM	11.34	69460
882088-2.5	37WA003.ra	11/17/93	11:06 PM	11.48	234311
882088-5	37WA004.ra	11/18/93	12:14 AM	11.67	476416
882088-10	37WA005.ra	11/18/93	1:19 AM	11.84	999790
882088-25	37WA006.ra	11/18/93	2:23 AM	12.00	2426672
882088-50	37WA007.ra	11/18/93	3:26 AM	12.12	5144664
882088-100	37WA008.ra	11/18/93	4:27 AM	12.25	9649433
ICV=1117B=1	37WA009.ra	11/18/93	5:28 AM	12.51	2214786
COOHTW=1	37WA010.ra	11/18/93	6:29 AM	-----	-----
COOHTW=2	37WA011.ra	11/18/93	7:29 AM	-----	-----
COOHTW=3	37WA012.ra	11/18/93	8:29 AM	12.71	96230
COOHTW=10	37WA013.ra	11/18/93	9:29 AM	12.69	323445
COOHTW=11	37WA014.ra	11/18/93	10:29 AM	-----	-----
COOHTW=12	37WA015.ra	11/18/93	11:28 AM	-----	-----
COOHTW=60	37WA016.ra	11/18/93	12:27 PM	-----	-----
COOHTW=25	37WA017.ra	11/18/93	2:22 PM	-----	-----
COOHTW=26	37WA018.ra	11/18/93	3:21 PM	-----	-----
COOHTW=36	37WA019.ra	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.ra	11/18/93	5:20 PM	11.67	2485620
COOHTW=41	37WA021.ra	11/18/93	6:48 PM	13.20	325620
SPM1=TCMM17=1	37WA022.ra	11/18/93	7:46 PM	-----	-----
SPM2=TCMM17=1	37WA023.ra	11/18/93	8:46 PM	-----	-----
SP1=1117B=1	37WA024.ra	11/18/93	9:45 PM	-----	-----
COOHTW=42	37WA025.ra	11/18/93	10:45 PM	-----	-----
COOHTW=53	37WA026.ra	11/18/93	11:44 PM	-----	-----
COOHTW=56	37WA027.ra	11/19/93	12:43 AM	-----	-----
COOHTW=57	37WA028.ra	11/19/93	1:43 AM	-----	-----
COOHTW=58	37WA029.ra	11/19/93	2:42 AM	-----	-----
TCMM17=1	37WA030.ra	11/19/93	3:41 AM	-----	-----
TCMM17=2	37WA031.ra	11/19/93	4:40 AM	-----	-----
TCMM17=3	37WA032.ra	11/19/93	5:39 AM	-----	-----
COOHTW=16	37WA033.ra	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WA034.ra	11/19/93	7:38 AM	11.76	2536004
COOHTW=2 1:20	37WA035.ra	11/19/93	8:37 AM	-----	-----

CDOMTW=3 1:20	37WA036.ra	11/19/93	9:37 AM	-----	-----
CDOMTW=10 1:20	37WA037.ra	11/19/93	10:37 AM	-----	-----
CDOMTW=11 1:20	37WA038.ra	11/19/93	11:37 AM	-----	-----
CDOMTW=12 1:20	37WA039.ra	11/19/93	12:37 PM	-----	-----
CDOMTW=41 1:20	37WA040.ra	11/19/93	1:37 PM	-----	-----
CDOMTW=42 1:20	37WA041.ra	11/19/93	2:36 PM	-----	-----
SPM=CDOMTW=3	37WA042.ra	11/19/93	3:36 PM	11.49	119605
SPM=CDOMTW=10	37WA043.ra	11/19/93	4:36 PM	11.42	338561
CCS=111B*3	37WA044.ra	11/19/93	5:37 PM	11.46	2577006

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	C120CE Area
MB=1117B*1	37WA001.ra	11/17/93	8:42 PM	-----	-----
BB208B-1	37WA002.ra	11/17/93	9:57 PM	-----	-----
BB208B-2.5	37WA003.ra	11/17/93	11:06 PM	-----	-----
BB208B-5	37WA004.ra	11/18/93	12:14 AM	-----	-----
BB208B-10	37WA005.ra	11/18/93	1:19 AM	-----	-----
BB208B-25	37WA006.ra	11/18/93	2:23 AM	-----	-----
BB208B-50	37WA007.ra	11/18/93	3:26 AM	-----	-----
BB208B-100	37WA008.ra	11/18/93	4:27 AM	15.01	15035
ICV=1117B*1	37WA009.ra	11/18/93	5:28 AM	-----	-----
CDOMTW=1	37WA010.ra	11/18/93	6:29 AM	-----	-----
CDOMTW=2	37WA011.ra	11/18/93	7:29 AM	-----	-----
CDOMTW=3	37WA012.ra	11/18/93	8:29 AM	15.30	40134
CDOMTW=10	37WA013.ra	11/18/93	9:29 AM	15.29	15977487
CDOMTW=11	37WA014.ra	11/18/93	10:29 AM	15.22	2982477
CDOMTW=12	37WA015.ra	11/18/93	11:28 AM	15.22	7735402
CDOMTW=60	37WA016.ra	11/18/93	12:27 PM	-----	-----
CDOMTW=25	37WA017.ra	11/18/93	2:22 PM	-----	-----
CDOMTW=26	37WA018.ra	11/18/93	3:21 PM	-----	-----
CDOMTW=36	37WA019.ra	11/18/93	4:20 PM	-----	-----
CCS=1117B*1	37WA020.ra	11/18/93	5:20 PM	-----	-----
CDOMTW=41	37WA021.ra	11/18/93	6:48 PM	15.67	15429569
SPM1+TCM17=1	37WA022.ra	11/18/93	7:46 PM	14.81	1236124
SPM2+TCM17=1	37WA023.ra	11/18/93	8:46 PM	14.66	1062486
SP1=1117B*1	37WA024.ra	11/18/93	9:45 PM	-----	-----
CDOMTW=42	37WA025.ra	11/18/93	10:45 PM	14.56	10711132
CDOMTW=53	37WA026.ra	11/18/93	11:44 PM	-----	-----
CDOMTW=56	37WA027.ra	11/19/93	12:43 AM	-----	-----
CDOMTW=57	37WA028.ra	11/19/93	1:43 AM	-----	-----
CDOMTW=58	37WA029.ra	11/19/93	2:42 AM	-----	-----
TCM17=1	37WA030.ra	11/19/93	3:41 AM	14.67	1264715
TCM17=2	37WA031.ra	11/19/93	4:40 AM	-----	-----
TCM17=3	37WA032.ra	11/19/93	5:39 AM	-----	-----
CDOMTW=16	37WA033.ra	11/19/93	6:39 AM	-----	-----
CCS=1117B*2	37WA034.ra	11/19/93	7:38 AM	-----	-----
CDOMTW=2 1:20	37WA035.ra	11/19/93	8:37 AM	-----	-----
CDOMTW=3 1:20	37WA036.ra	11/19/93	9:37 AM	-----	-----
CDOMTW=10 1:20	37WA037.ra	11/19/93	10:37 AM	14.48	2127278
CDOMTW=11 1:20	37WA038.ra	11/19/93	11:37 AM	14.42	192433
CDOMTW=12 1:20	37WA039.ra	11/19/93	12:37 PM	14.37	376225
CDOMTW=41 1:20	37WA040.ra	11/19/93	1:37 PM	14.41	2496515
CDOMTW=42 1:20	37WA041.ra	11/19/93	2:36 PM	14.38	427117
SPM=CDOMTW=3	37WA042.ra	11/19/93	3:36 PM	14.30	39409
SPM=CDOMTW=10	37WA043.ra	11/19/93	4:36 PM	14.18	17494856
CCS=111B*3	37WA044.ra	11/19/93	5:37 PM	14.21	17615

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	CHCL3 Area
MB=1117B*1	37WA001.ra	11/17/93	8:42 PM	-----	-----
BB208B-1	37WA002.ra	11/17/93	9:57 PM	15.61	69873
BB208B-2.5	37WA003.ra	11/17/93	11:06 PM	15.76	314211
BB208B-5	37WA004.ra	11/18/93	12:14 AM	15.86	664337
BB208B-10	37WA005.ra	11/18/93	1:19 AM	16.07	1344887
BB208B-25	37WA006.ra	11/18/93	2:23 AM	15.18	3327048

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BB2088-50	37WA007.re	11/18/93	3:26 AM	16.27	6941387
BB2088-100	37WA008.re	11/18/93	4:27 AM	16.39	11223093
ICV=1117B=1	37WA009.re	11/18/93	5:28 AM	-----	-----
CDOMTW=1	37WA010.re	11/18/93	6:29 AM	-----	-----
CDOMTW=2	37WA011.re	11/18/93	7:29 AM	-----	-----
CDOMTW=3	37WA012.re	11/18/93	8:29 AM	16.64	427457
CDOMTW=10	37WA013.re	11/18/93	9:29 AM	16.64	566007
CDOMTW=11	37WA014.re	11/18/93	10:29 AM	16.58	280733
CDOMTW=12	37WA015.re	11/18/93	11:28 AM	16.59	239403
CDOMTW=60	37WA016.re	11/18/93	12:27 PM	-----	-----
CDOMTW=25	37WA017.re	11/18/93	2:22 PM	16.84	9935
CDOMTW=26	37WA018.re	11/18/93	3:21 PM	16.04	87198
CDOMTW=36	37WA019.re	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.re	11/18/93	5:20 PM	15.91	3418281
CDOMTW=41	37WA021.re	11/18/93	6:48 PM	16.98	559772
SPM1=TCM17=1	37WA022.re	11/18/93	7:46 PM	16.21	2692198
SPM2=TCM17=1	37WA023.re	11/18/93	8:46 PM	16.08	2543013
SP1=1117B=1	37WA024.re	11/18/93	9:45 PM	15.98	2712047
CDOMTW=42	37WA025.re	11/18/93	10:45 PM	15.99	387686
CDOMTW=53	37WA026.re	11/18/93	11:44 PM	-----	-----
CDOMTW=56	37WA027.re	11/19/93	12:43 AM	-----	-----
CDOMTW=57	37WA028.re	11/19/93	1:43 AM	-----	-----
CDOMTW=58	37WA029.re	11/19/93	2:42 AM	-----	-----
TCM17=1	37WA030.re	11/19/93	3:41 AM	-----	-----
TCM17=2	37WA031.re	11/19/93	4:40 AM	-----	-----
TCM17=3	37WA032.re	11/19/93	5:39 AM	-----	-----
CDOMTW=16	37WA033.re	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WA034.re	11/19/93	7:38 AM	16.02	3448932
CDOMTW=2 1:20	37WA035.re	11/19/93	8:37 AM	-----	-----
CDOMTW=3 1:20	37WA036.re	11/19/93	9:37 AM	-----	-----
CDOMTW=10 1:20	37WA037.re	11/19/93	10:37 AM	15.95	11030
CDOMTW=11 1:20	37WA038.re	11/19/93	11:37 AM	15.87	48433
CDOMTW=12 1:20	37WA039.re	11/19/93	12:37 PM	15.86	7495
CDOMTW=41 1:20	37WA040.re	11/19/93	1:37 PM	15.88	15499
CDOMTW=42 1:20	37WA041.re	11/19/93	2:36 PM	-----	-----
SPM=CDOMTW=3	37WA042.re	11/19/93	3:36 PM	15.74	3173077
SPM=CDOMTW=10	37WA043.re	11/19/93	4:36 PM	15.65	3499520
CCS=1116=3	37WA044.re	11/19/93	5:37 PM	15.66	3464680

Sample Name	File Name	Date Of Injection	Time Of Injection	1117CE	
				Ret. Time	Area
MB=1117B=1	37WA001.re	11/17/93	8:42 PM	-----	-----
BB2088-1	37WA002.re	11/17/93	9:57 PM	15.89	119326
BB2088-2.5	37WA003.re	11/17/93	11:06 PM	16.04	332675
BB2088-5	37WA004.re	11/18/93	12:14 AM	16.13	663066
BB2088-10	37WA005.re	11/18/93	1:19 AM	16.35	1283486
BB2088-25	37WA006.re	11/18/93	2:23 AM	16.44	3003088
BB2088-50	37WA007.re	11/18/93	3:26 AM	16.54	6322636
BB2088-100	37WA008.re	11/18/93	4:27 AM	16.65	11883074
ICV=1117B=1	37WA009.re	11/18/93	5:28 AM	16.78	2341017
CDOMTW=1	37WA010.re	11/18/93	6:29 AM	-----	-----
CDOMTW=2	37WA011.re	11/18/93	7:29 AM	16.84	1903895
CDOMTW=3	37WA012.re	11/18/93	8:29 AM	16.88	403998
CDOMTW=10	37WA013.re	11/18/93	9:29 AM	16.88	749180
CDOMTW=11	37WA014.re	11/18/93	10:29 AM	-----	-----
CDOMTW=12	37WA015.re	11/18/93	11:28 AM	-----	-----
CDOMTW=60	37WA016.re	11/18/93	12:27 PM	-----	-----
CDOMTW=25	37WA017.re	11/18/93	2:22 PM	-----	-----
CDOMTW=26	37WA018.re	11/18/93	3:21 PM	-----	-----
CDOMTW=36	37WA019.re	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.re	11/18/93	5:20 PM	16.18	3201337
CDOMTW=41	37WA021.re	11/18/93	6:48 PM	17.20	768825
SPM1=TCM17=1	37WA022.re	11/18/93	7:46 PM	16.48	2650603
SPM2=TCM17=1	37WA023.re	11/18/93	8:46 PM	16.35	2507094
SP1=1117B=1	37WA024.re	11/18/93	9:45 PM	16.25	2617253
CDOMTW=42	37WA025.re	11/18/93	10:45 PM	-----	-----
CDOMTW=53	37WA026.re	11/18/93	11:44 PM	-----	-----
CDOMTW=56	37WA027.re	11/19/93	12:43 AM	-----	-----

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COOHTW=57	37WA028.re	11/19/93	1:43 AM	-----	-----
COOHTW=58	37WA029.re	11/19/93	2:42 AM	-----	-----
TCHM17=1	37WA030.re	11/19/93	3:41 AM	-----	-----
TCHM17=2	37WA031.re	11/19/93	4:40 AM	-----	-----
TCHM17=3	37WA032.re	11/19/93	5:39 AM	-----	-----
COOHTW=16	37WA033.re	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WA034.re	11/19/93	7:38 AM	16.29	3224867
COOHTW=2 1:20	37WA035.re	11/19/93	8:37 AM	16.31	69081
COOHTW=3 1:20	37WA036.re	11/19/93	9:37 AM	-----	-----
COOHTW=10 1:20	37WA037.re	11/19/93	10:37 AM	16.21	16458
COOHTW=11 1:20	37WA038.re	11/19/93	11:37 AM	16.14	29821
COOHTW=12 1:20	37WA039.re	11/19/93	12:37 PM	-----	-----
COOHTW=41 1:20	37WA040.re	11/19/93	1:37 PM	16.16	23163
COOHTW=42 1:20	37WA041.re	11/19/93	2:36 PM	-----	-----
SPM=COOHTW=3	37WA042.re	11/19/93	3:36 PM	16.03	3067370
SPM=COOHTW=10	37WA043.re	11/19/93	4:36 PM	15.94	3626818
CCS=1116=3	37WA044.re	11/19/93	5:37 PM	15.95	3237736

Sample Name	File Name	Date Of Injection	Time Of Injection	CCL4	
				Ret. Time	Area
MB=1117B=1	37WA001.re	11/17/93	8:42 PM	-----	-----
BS208B-1	37WA002.re	11/17/93	9:57 PM	16.35	138860
BS208B-2.5	37WA003.re	11/17/93	11:06 PM	16.51	400073
BS208B-5	37WA004.re	11/18/93	12:14 AM	16.59	769935
BS208B-10	37WA005.re	11/18/93	1:19 AM	16.79	1528530
BS208B-25	37WA006.re	11/18/93	2:23 AM	16.88	3680609
BS208B-50	37WA007.re	11/18/93	3:26 AM	16.96	7600418
BS208B-100	37WA008.re	11/18/93	4:27 AM	17.08	13192679
ICV=1117B=1	37WA009.re	11/18/93	5:28 AM	17.18	2807031
COOHTW=1	37WA010.re	11/18/93	6:29 AM	-----	-----
COOHTW=2	37WA011.re	11/18/93	7:29 AM	-----	-----
COOHTW=3	37WA012.re	11/18/93	8:29 AM	17.31	39865
COOHTW=10	37WA013.re	11/18/93	9:29 AM	17.30	204261
COOHTW=11	37WA014.re	11/18/93	10:29 AM	17.25	134373
COOHTW=12	37WA015.re	11/18/93	11:28 AM	17.26	63072
COOHTW=60	37WA016.re	11/18/93	12:27 PM	-----	-----
COOHTW=25	37WA017.re	11/18/93	2:22 PM	17.46	127786
COOHTW=26	37WA018.re	11/18/93	3:21 PM	16.75	482127
COOHTW=36	37WA019.re	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.re	11/18/93	5:20 PM	16.64	3709293
COOHTW=41	37WA021.re	11/18/93	6:48 PM	17.62	172893
SPM1=TCHM17=1	37WA022.re	11/18/93	7:46 PM	-----	-----
SPM2=TCHM17=1	37WA023.re	11/18/93	8:46 PM	-----	-----
SP1=1117B=1	37WA024.re	11/18/93	9:45 PM	-----	-----
COOHTW=42	37WA025.re	11/18/93	10:45 PM	15.72	102107
COOHTW=53	37WA026.re	11/18/93	11:44 PM	-----	-----
COOHTW=56	37WA027.re	11/19/93	12:43 AM	-----	-----
COOHTW=57	37WA028.re	11/19/93	1:43 AM	-----	-----
COOHTW=58	37WA029.re	11/19/93	2:42 AM	-----	-----
TCHM17=1	37WA030.re	11/19/93	3:41 AM	-----	-----
TCHM17=2	37WA031.re	11/19/93	4:40 AM	-----	-----
TCHM17=3	37WA032.re	11/19/93	5:39 AM	-----	-----
COOHTW=16	37WA033.re	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WA034.re	11/19/93	7:38 AM	16.73	3784375
COOHTW=2 1:20	37WA035.re	11/19/93	8:37 AM	-----	-----
COOHTW=3 1:20	37WA036.re	11/19/93	9:37 AM	-----	-----
COOHTW=10 1:20	37WA037.re	11/19/93	10:37 AM	-----	-----
COOHTW=11 1:20	37WA038.re	11/19/93	11:37 AM	-----	-----
COOHTW=12 1:20	37WA039.re	11/19/93	12:37 PM	-----	-----
COOHTW=41 1:20	37WA040.re	11/19/93	1:37 PM	-----	-----
COOHTW=42 1:20	37WA041.re	11/19/93	2:36 PM	-----	-----
SPM=COOHTW=3	37WA042.re	11/19/93	3:36 PM	16.47	76377
SPM=COOHTW=10	37WA043.re	11/19/93	4:36 PM	16.40	193981
CCS=1116=3	37WA044.re	11/19/93	5:37 PM	16.41	3684438

Sample Name File Name Date Of Time Of Ret. Area

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	Injection	Injection	Time		
MB=1117B*1	37WA001.rs	11/17/93	8:42 PM	-----	-----
BB2088-1	37WA002.rs	11/17/93	9:57 PM	17.75	63407
BB2088-2.5	37WA003.rs	11/17/93	11:06 PM	17.92	197904
BB2088-5	37WA004.rs	11/18/93	12:14 AM	17.98	407091
BB2088-10	37WA005.rs	11/18/93	1:19 AM	18.16	798274
BB2088-25	37WA006.rs	11/18/93	2:23 AM	18.23	2003079
BB2088-50	37WA007.rs	11/18/93	3:26 AM	18.30	4212260
BB2088-100	37WA008.rs	11/18/93	4:27 AM	18.41	8060182
ICV=1117B*1	37WA009.rs	11/18/93	5:28 AM	18.50	1576705
COOHTW=1	37WA010.rs	11/18/93	6:29 AM	-----	-----
COOHTW=2	37WA011.rs	11/18/93	7:29 AM	18.55	1503470
COOHTW=3	37WA012.rs	11/18/93	8:29 AM	18.62	50245
COOHTW=10	37WA013.rs	11/18/93	9:29 AM	18.58	279249
COOHTW=11	37WA014.rs	11/18/93	10:29 AM	-----	-----
COOHTW=12	37WA015.rs	11/18/93	11:28 AM	18.55	48008
COOHTW=60	37WA016.rs	11/18/93	12:27 PM	-----	-----
COOHTW=25	37WA017.rs	11/18/93	2:22 PM	-----	-----
COOHTW=26	37WA018.rs	11/18/93	3:21 PM	-----	-----
COOHTW=36	37WA019.rs	11/18/93	4:20 PM	-----	-----
CES=1117B*1	37WA020.rs	11/18/93	5:20 PM	18.02	2003926
COOHTW=41	37WA021.rs	11/18/93	6:48 PM	18.86	293677
SPM1*TCM17*1	37WA022.rs	11/18/93	7:46 PM	-----	-----
SPM2*TCM17*1	37WA023.rs	11/18/93	8:46 PM	-----	-----
SP1=1117B*1	37WA024.rs	11/18/93	9:45 PM	-----	-----
COOHTW=42	37WA025.rs	11/18/93	10:45 PM	18.09	67099
COOHTW=53	37WA026.rs	11/18/93	11:44 PM	-----	-----
COOHTW=56	37WA027.rs	11/19/93	12:43 AM	-----	-----
COOHTW=57	37WA028.rs	11/19/93	1:43 AM	-----	-----
COOHTW=58	37WA029.rs	11/19/93	2:42 AM	-----	-----
TCM17=1	37WA030.rs	11/19/93	3:41 AM	-----	-----
TCM17=2	37WA031.rs	11/19/93	4:40 AM	-----	-----
TCM17=3	37WA032.rs	11/19/93	5:39 AM	-----	-----
COOHTW=16	37WA033.rs	11/19/93	6:39 AM	-----	-----
CES=1117B*2	37WA034.rs	11/19/93	7:38 AM	18.10	1771845
COOHTW=2 1:20	37WA035.rs	11/19/93	8:37 AM	18.11	50623
COOHTW=3 1:20	37WA036.rs	11/19/93	9:37 AM	-----	-----
COOHTW=10 1:20	37WA037.rs	11/19/93	10:37 AM	-----	-----
COOHTW=11 1:20	37WA038.rs	11/19/93	11:37 AM	-----	-----
COOHTW=12 1:20	37WA039.rs	11/19/93	12:37 PM	-----	-----
COOHTW=41 1:20	37WA040.rs	11/19/93	1:37 PM	-----	-----
COOHTW=42 1:20	37WA041.rs	11/19/93	2:36 PM	-----	-----
SPM=COOHTW*3	37WA042.rs	11/19/93	3:36 PM	17.92	51156
SPM=COOHTW*10	37WA043.rs	11/19/93	4:36 PM	17.81	299936
CES=1118*3	37WA044.rs	11/19/93	5:37 PM	17.84	2004133

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	TRCLE Area
MB=1117B*1	37WA001.rs	11/17/93	8:42 PM	-----	-----
BB2088-1	37WA002.rs	11/17/93	9:57 PM	19.82	92466
BB2088-2.5	37WA003.rs	11/17/93	11:06 PM	19.92	293981
BB2088-5	37WA004.rs	11/18/93	12:14 AM	19.98	606890
BB2088-10	37WA005.rs	11/18/93	1:19 AM	20.13	1174989
BB2088-25	37WA006.rs	11/18/93	2:23 AM	20.17	2954039
BB2088-50	37WA007.rs	11/18/93	3:26 AM	20.22	5877744
BB2088-100	37WA008.rs	11/18/93	4:27 AM	20.34	9795822
ICV=1117B*1	37WA009.rs	11/18/93	5:28 AM	20.38	2380932
COOHTW=1	37WA010.rs	11/18/93	6:29 AM	-----	-----
COOHTW=2	37WA011.rs	11/18/93	7:29 AM	-----	-----
COOHTW=3	37WA012.rs	11/18/93	8:29 AM	20.48	5999391
COOHTW=10	37WA013.rs	11/18/93	9:29 AM	20.47	19463274
COOHTW=11	37WA014.rs	11/18/93	10:29 AM	20.41	5399523
COOHTW=12	37WA015.rs	11/18/93	11:28 AM	20.47	21070752
COOHTW=60	37WA016.rs	11/18/93	12:27 PM	20.29	131005
COOHTW=25	37WA017.rs	11/18/93	2:22 PM	20.60	20922
COOHTW=26	37WA018.rs	11/18/93	3:21 PM	20.10	136602
COOHTW=36	37WA019.rs	11/18/93	4:20 PM	-----	-----

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CCS=1117B=1	37WA020.re	11/18/93	5:20 PM	20.03	3010943
COOHTW=41	37WA021.re	11/18/93	6:48 PM	20.72	19611736
SPH1=TCMH17*1	37WA022.re	11/18/93	7:46 PM	20.20	2811079
SPH2=TCMH17*1	37WA023.re	11/18/93	8:46 PM	20.14	2608565
SP1=1117B=1	37WA024.re	11/18/93	9:45 PM	20.05	2565943
COOHTW=42	37WA025.re	11/18/93	10:45 PM	20.10	24996194
COOHTW=53	37WA026.re	11/18/93	11:44 PM	20.00	134720
COOHTW=56	37WA027.re	11/19/93	12:43 AM	20.10	24968
COOHTW=57	37WA028.re	11/19/93	1:43 AM	20.09	12818
COOHTW=58	37WA029.re	11/19/93	2:42 AM		
TCMH17*1	37WA030.re	11/19/93	3:41 AM	20.13	171853
TCMH17*2	37WA031.re	11/19/93	4:40 AM		
TCMH17*3	37WA032.re	11/19/93	5:39 AM		
COOHTW=16	37WA033.re	11/19/93	6:39 AM	20.15	111874
CCS=1117B=2	37WA034.re	11/19/93	7:38 AM	20.07	3016371
COOHTW=2 1:20	37WA035.re	11/19/93	8:37 AM	20.07	343560
COOHTW=3 1:20	37WA036.re	11/19/93	9:37 AM	20.09	251331
COOHTW=10 1:20	37WA037.re	11/19/93	10:37 AM	20.04	5556710
COOHTW=11 1:20	37WA038.re	11/19/93	11:37 AM	20.01	332489
COOHTW=12 1:20	37WA039.re	11/19/93	12:37 PM	20.00	7750226
COOHTW=41 1:20	37WA040.re	11/19/93	1:37 PM	19.98	6456791
COOHTW=42 1:20	37WA041.re	11/19/93	2:36 PM	19.98	8721214
SPH=COOHTW=3	37WA042.re	11/19/93	3:36 PM	19.95	8640264
SPH=COOHTW=10	37WA043.re	11/19/93	4:36 PM	19.86	20108076
CCS=1118=3	37WA044.re	11/19/93	5:37 PM	19.89	3291578

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
MB=1117B=1	37WA001.re	11/17/93	8:42 PM		
BB2088-1	37WA002.re	11/17/93	9:57 PM	20.76	73236
BB2088-2.5	37WA003.re	11/17/93	11:06 PM	20.85	232669
BB2088-5	37WA004.re	11/18/93	12:14 AM	20.92	492861
BB2088-10	37WA005.re	11/18/93	1:19 AM	21.06	901918
BB2088-25	37WA006.re	11/18/93	2:23 AM	21.09	2288010
BB2088-50	37WA007.re	11/18/93	3:26 AM	21.14	4718838
BB2088-100	37WA008.re	11/18/93	4:27 AM	21.26	8980669
ICV=1117B=1	37WA009.re	11/18/93	5:28 AM	21.31	1830567
COOHTW=1	37WA010.re	11/18/93	6:29 AM		
COOHTW=2	37WA011.re	11/18/93	7:29 AM		
COOHTW=3	37WA012.re	11/18/93	8:29 AM		
COOHTW=10	37WA013.re	11/18/93	9:29 AM		
COOHTW=11	37WA014.re	11/18/93	10:29 AM		
COOHTW=12	37WA015.re	11/18/93	11:28 AM		
COOHTW=50	37WA016.re	11/18/93	12:27 PM		
COOHTW=25	37WA017.re	11/18/93	2:22 PM		
COOHTW=26	37WA018.re	11/18/93	3:21 PM		
COOHTW=36	37WA019.re	11/18/93	4:20 PM		
CCS=1117B=1	37WA020.re	11/18/93	5:20 PM	20.95	2295748
COOHTW=41	37WA021.re	11/18/93	6:48 PM		
SPH1=TCMH17*1	37WA022.re	11/18/93	7:46 PM		
SPH2=TCMH17*1	37WA023.re	11/18/93	8:46 PM		
SP1=1117B=1	37WA024.re	11/18/93	9:45 PM		
COOHTW=42	37WA025.re	11/18/93	10:45 PM		
COOHTW=53	37WA026.re	11/18/93	11:44 PM		
COOHTW=56	37WA027.re	11/19/93	12:43 AM		
COOHTW=57	37WA028.re	11/19/93	1:43 AM		
COOHTW=58	37WA029.re	11/19/93	2:42 AM		
TCMH17*1	37WA030.re	11/19/93	3:41 AM		
TCMH17*2	37WA031.re	11/19/93	4:40 AM		
TCMH17*3	37WA032.re	11/19/93	5:39 AM		
COOHTW=16	37WA033.re	11/19/93	6:39 AM		
CCS=1117B=2	37WA034.re	11/19/93	7:38 AM	21.00	2303067
COOHTW=2 1:20	37WA035.re	11/19/93	8:37 AM		
COOHTW=3 1:20	37WA036.re	11/19/93	9:37 AM		
COOHTW=10 1:20	37WA037.re	11/19/93	10:37 AM		
COOHTW=11 1:20	37WA038.re	11/19/93	11:37 AM		
COOHTW=12 1:20	37WA039.re	11/19/93	12:37 PM		
COOHTW=41 1:20	37WA040.re	11/19/93	1:37 PM		

COOHTW=42 1:20	37WA041.re 11/19/93	2:36 PM	-----	-----
SPM=COOHTW=3	37WA042.re 11/19/93	3:36 PM	-----	-----
SPM=COOHTW=10	37WA043.re 11/19/93	4:36 PM	-----	-----
CCS=1117B=3	37WA044.re 11/19/93	5:37 PM	20.84	2414339

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	CHCLZER Area
MB=1117B=1	37WA001.re	11/17/93	8:42 PM	-----	-----
882088-1	37WA002.re	11/17/93	9:57 PM	21.94	66205
882088-2.5	37WA003.re	11/17/93	11:06 PM	22.02	219626
882088-5	37WA004.re	11/18/93	12:14 AM	22.09	460972
882088-10	37WA005.re	11/18/93	1:19 AM	22.22	872399
882088-25	37WA006.re	11/18/93	2:23 AM	22.26	2277482
882088-50	37WA007.re	11/18/93	3:26 AM	22.30	4646918
882088-100	37WA008.re	11/18/93	4:27 AM	22.42	8954713
ICV=1117B=1	37WA009.re	11/18/93	5:28 AM	-----	-----
COOHTW=1	37WA010.re	11/18/93	6:29 AM	-----	-----
COOHTW=2	37WA011.re	11/18/93	7:29 AM	22.49	1641039
COOHTW=3	37WA012.re	11/18/93	8:29 AM	-----	-----
COOHTW=10	37WA013.re	11/18/93	9:29 AM	-----	-----
COOHTW=11	37WA014.re	11/18/93	10:29 AM	-----	-----
COOHTW=12	37WA015.re	11/18/93	11:28 AM	-----	-----
COOHTW=60	37WA016.re	11/18/93	12:27 PM	-----	-----
COOHTW=25	37WA017.re	11/18/93	2:22 PM	-----	-----
COOHTW=26	37WA018.re	11/18/93	3:21 PM	-----	-----
COOHTW=36	37WA019.re	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.re	11/18/93	5:20 PM	22.12	2236592
COOHTW=41	37WA021.re	11/18/93	6:48 PM	-----	-----
SPM1=TCMM17=1	37WA022.re	11/18/93	7:46 PM	-----	-----
SPM2=TCMM17=1	37WA023.re	11/18/93	8:46 PM	-----	-----
SP1=1117B=1	37WA024.re	11/18/93	9:45 PM	-----	-----
COOHTW=42	37WA025.re	11/18/93	10:45 PM	-----	-----
COOHTW=53	37WA026.re	11/18/93	11:44 PM	-----	-----
COOHTW=56	37WA027.re	11/19/93	12:43 AM	-----	-----
COOHTW=57	37WA028.re	11/19/93	1:43 AM	-----	-----
COOHTW=58	37WA029.re	11/19/93	2:42 AM	-----	-----
TCMM17=1	37WA030.re	11/19/93	3:41 AM	-----	-----
TCMM17=2	37WA031.re	11/19/93	4:40 AM	-----	-----
TCMM17=3	37WA032.re	11/19/93	5:39 AM	-----	-----
COOHTW=16	37WA033.re	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WA034.re	11/19/93	7:38 AM	22.16	2171502
COOHTW=2 1:20	37WA035.re	11/19/93	8:37 AM	22.19	56370
COOHTW=3 1:20	37WA036.re	11/19/93	9:37 AM	-----	-----
COOHTW=10 1:20	37WA037.re	11/19/93	10:37 AM	-----	-----
COOHTW=11 1:20	37WA038.re	11/19/93	11:37 AM	-----	-----
COOHTW=12 1:20	37WA039.re	11/19/93	12:37 PM	-----	-----
COOHTW=41 1:20	37WA040.re	11/19/93	1:37 PM	-----	-----
COOHTW=42 1:20	37WA041.re	11/19/93	2:36 PM	-----	-----
SPM=COOHTW=3	37WA042.re	11/19/93	3:36 PM	-----	-----
SPM=COOHTW=10	37WA043.re	11/19/93	4:36 PM	-----	-----
CCS=1117B=3	37WA044.re	11/19/93	5:37 PM	22.01	2304785

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	ZCEVE Area
MB=1117B=1	37WA001.re	11/17/93	8:42 PM	-----	-----
882088-1	37WA002.re	11/17/93	9:57 PM	23.50	7412
882088-2.5	37WA003.re	11/17/93	11:06 PM	23.59	35607
882088-5	37WA004.re	11/18/93	12:14 AM	23.63	74038
882088-10	37WA005.re	11/18/93	1:19 AM	23.75	164321
882088-25	37WA006.re	11/18/93	2:23 AM	23.80	530632
882088-50	37WA007.re	11/18/93	3:26 AM	23.83	1112018
882088-100	37WA008.re	11/18/93	4:27 AM	23.93	2058341
ICV=1117B=1	37WA009.re	11/18/93	5:28 AM	-----	-----
COOHTW=1	37WA010.re	11/18/93	6:29 AM	-----	-----
COOHTW=2	37WA011.re	11/18/93	7:29 AM	-----	-----

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COOHTW*3	37WA012.re	11/18/93	8:29 AM	-----	-----
COOHTW*10	37WA013.re	11/18/93	9:29 AM	-----	-----
COOHTW*11	37WA014.re	11/18/93	10:29 AM	-----	-----
COOHTW*12	37WA015.re	11/18/93	11:28 AM	-----	-----
COOHTW*60	37WA016.re	11/18/93	12:27 PM	-----	-----
COOHTW*25	37WA017.re	11/18/93	2:22 PM	-----	-----
COOHTW*26	37WA018.re	11/18/93	3:21 PM	-----	-----
COOHTW*36	37WA019.re	11/18/93	4:20 PM	-----	-----
CCS*1117B*1	37WA020.re	11/18/93	5:20 PM	23.64	524990
COOHTW*41	37WA021.re	11/18/93	6:48 PM	-----	-----
SPM1*TCMH17*1	37WA022.re	11/18/93	7:46 PM	-----	-----
SPM2*TCMH17*1	37WA023.re	11/18/93	8:46 PM	-----	-----
SP1*1117B*1	37WA024.re	11/18/93	9:45 PM	-----	-----
COOHTW*42	37WA025.re	11/18/93	10:45 PM	-----	-----
COOHTW*53	37WA026.re	11/18/93	11:44 PM	-----	-----
COOHTW*56	37WA027.re	11/19/93	12:43 AM	-----	-----
COOHTW*57	37WA028.re	11/19/93	1:43 AM	-----	-----
COOHTW*58	37WA029.re	11/19/93	2:42 AM	-----	-----
TCMH17*1	37WA030.re	11/19/93	3:41 AM	-----	-----
TCMH17*2	37WA031.re	11/19/93	4:40 AM	-----	-----
TCMH17*3	37WA032.re	11/19/93	5:39 AM	-----	-----
COOHTW*16	37WA033.re	11/19/93	6:39 AM	-----	-----
CCS*1117B*2	37WA034.re	11/19/93	7:38 AM	23.70	418570
COOHTW*2 1:20	37WA035.re	11/19/93	8:37 AM	-----	-----
COOHTW*3 1:20	37WA036.re	11/19/93	9:37 AM	-----	-----
COOHTW*10 1:20	37WA037.re	11/19/93	10:37 AM	-----	-----
COOHTW*11 1:20	37WA038.re	11/19/93	11:37 AM	-----	-----
COOHTW*12 1:20	37WA039.re	11/19/93	12:37 PM	-----	-----
COOHTW*41 1:20	37WA040.re	11/19/93	1:37 PM	-----	-----
COOHTW*42 1:20	37WA041.re	11/19/93	2:36 PM	-----	-----
SPM*COOHTW*3	37WA042.re	11/19/93	3:36 PM	24.01	1762144
SPM*COOHTW*10	37WA043.re	11/19/93	4:36 PM	-----	-----
CCS*111B*3	37WA044.re	11/19/93	5:37 PM	23.55	503100

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	C13DCPE Area
MB*1117B*1	37WA001.re	11/17/93	8:42 PM	-----	-----
BB2088-1	37WA002.re	11/17/93	9:57 PM	23.90	68247
BB2088-2.5	37WA003.re	11/17/93	11:06 PM	23.99	235850
BB2088-5	37WA004.re	11/18/93	12:14 AM	24.04	487177
BB2088-10	37WA005.re	11/18/93	1:19 AM	24.17	819463
BB2088-25	37WA006.re	11/18/93	2:23 AM	24.22	2312421
BB2088-50	37WA007.re	11/18/93	3:26 AM	24.25	4837741
BB2088-100	37WA008.re	11/18/93	4:27 AM	24.34	9050154
JCV*1117B*1	37WA009.re	11/18/93	5:28 AM	24.40	1804122
COOHTW*1	37WA010.re	11/18/93	6:29 AM	-----	-----
COOHTW*2	37WA011.re	11/18/93	7:29 AM	24.43	1459969
COOHTW*3	37WA012.re	11/18/93	8:29 AM	-----	-----
COOHTW*10	37WA013.re	11/18/93	9:29 AM	-----	-----
COOHTW*11	37WA014.re	11/18/93	10:29 AM	-----	-----
COOHTW*12	37WA015.re	11/18/93	11:28 AM	-----	-----
COOHTW*60	37WA016.re	11/18/93	12:27 PM	-----	-----
COOHTW*25	37WA017.re	11/18/93	2:22 PM	-----	-----
COOHTW*26	37WA018.re	11/18/93	3:21 PM	-----	-----
COOHTW*36	37WA019.re	11/18/93	4:20 PM	-----	-----
CCS*1117B*1	37WA020.re	11/18/93	5:20 PM	24.07	2330069
COOHTW*41	37WA021.re	11/18/93	6:48 PM	-----	-----
SPM1*TCMH17*1	37WA022.re	11/18/93	7:46 PM	24.21	1834127
SPM2*TCMH17*1	37WA023.re	11/18/93	8:46 PM	24.18	1798976
SP1*1117B*1	37WA024.re	11/18/93	9:45 PM	24.12	1835257
COOHTW*42	37WA025.re	11/18/93	10:45 PM	-----	-----
COOHTW*53	37WA026.re	11/18/93	11:44 PM	-----	-----
COOHTW*56	37WA027.re	11/19/93	12:43 AM	-----	-----
COOHTW*57	37WA028.re	11/19/93	1:43 AM	-----	-----
COOHTW*58	37WA029.re	11/19/93	2:42 AM	-----	-----
TCMH17*1	37WA030.re	11/19/93	3:41 AM	-----	-----
TCMH17*2	37WA031.re	11/19/93	4:40 AM	-----	-----
TCMH17*3	37WA032.re	11/19/93	5:39 AM	-----	-----

COOHTW*16	37WA033.rs	11/19/93	6:39 AM	-----	-----
CCS*1117B*2	37WA034.rs	11/19/93	7:38 AM	24.11	2198236
COOHTW*2 1:20	37WA035.rs	11/19/93	8:37 AM	24.15	46461
COOHTW*3 1:20	37WA036.rs	11/19/93	9:37 AM	-----	-----
COOHTW*10 1:20	37WA037.rs	11/19/93	10:37 AM	-----	-----
COOHTW*11 1:20	37WA038.rs	11/19/93	11:37 AM	24.12	13603
COOHTW*12 1:20	37WA039.rs	11/19/93	12:37 PM	-----	-----
COOHTW*41 1:20	37WA040.rs	11/19/93	1:37 PM	-----	-----
COOHTW*42 1:20	37WA041.rs	11/19/93	2:36 PM	-----	-----
SPM*COOHTW*3	37WA042.rs	11/19/93	3:36 PM	-----	-----
SPM*COOHTW*10	37WA043.rs	11/19/93	4:36 PM	23.91	2051176
CCS*111B*3	37WA044.rs	11/19/93	5:37 PM	23.98	2369387

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	T13DCPE Area
ME*1117B*1	37WA001.rs	11/17/93	8:42 PM	-----	-----
882088-1	37WA002.rs	11/17/93	9:57 PM	27.13	33094
882088-2.5	37WA003.rs	11/17/93	11:06 PM	27.20	140648
882088-5	37WA004.rs	11/18/93	12:14 AM	27.22	297349
882088-10	37WA005.rs	11/18/93	1:19 AM	27.34	549133
882088-25	37WA006.rs	11/18/93	2:23 AM	27.40	1609713
882088-50	37WA007.rs	11/18/93	3:26 AM	27.43	3387013
882088-100	37WA008.rs	11/18/93	4:27 AM	27.50	6365671
ICV*1117B*1	37WA009.rs	11/18/93	5:28 AM	27.58	1192115
COOHTW*1	37WA010.rs	11/18/93	6:29 AM	-----	-----
COOHTW*2	37WA011.rs	11/18/93	7:29 AM	27.61	944228
COOHTW*3	37WA012.rs	11/18/93	8:29 AM	-----	-----
COOHTW*10	37WA013.rs	11/18/93	9:29 AM	-----	-----
COOHTW*11	37WA014.rs	11/18/93	10:29 AM	-----	-----
COOHTW*12	37WA015.rs	11/18/93	11:28 AM	-----	-----
COOHTW*60	37WA016.rs	11/18/93	12:27 PM	-----	-----
COOHTW*25	37WA017.rs	11/18/93	2:22 PM	-----	-----
COOHTW*26	37WA018.rs	11/18/93	3:21 PM	-----	-----
COOHTW*36	37WA019.rs	11/18/93	4:20 PM	-----	-----
CCS*1117B*1	37WA020.rs	11/18/93	5:20 PM	27.22	1582032
COOHTW*41	37WA021.rs	11/18/93	6:48 PM	-----	-----
SPM1*TCM17*1	37WA022.rs	11/18/93	7:46 PM	27.35	1260853
SPM2*TCM17*1	37WA023.rs	11/18/93	8:46 PM	27.34	1199731
SP1*1117B*1	37WA024.rs	11/18/93	9:45 PM	27.30	1286465
COOHTW*42	37WA025.rs	11/18/93	10:45 PM	-----	-----
COOHTW*53	37WA026.rs	11/18/93	11:44 PM	-----	-----
COOHTW*56	37WA027.rs	11/19/93	12:43 AM	-----	-----
COOHTW*57	37WA028.rs	11/19/93	1:43 AM	-----	-----
COOHTW*58	37WA029.rs	11/19/93	2:42 AM	-----	-----
TCM17*1	37WA030.rs	11/19/93	3:41 AM	-----	-----
TCM17*2	37WA031.rs	11/19/93	4:40 AM	-----	-----
TCM17*3	37WA032.rs	11/19/93	5:39 AM	-----	-----
COOHTW*16	37WA033.rs	11/19/93	6:39 AM	-----	-----
CCS*1117B*2	37WA034.rs	11/19/93	7:38 AM	27.31	1492156
COOHTW*2 1:20	37WA035.rs	11/19/93	8:37 AM	27.34	28290
COOHTW*3 1:20	37WA036.rs	11/19/93	9:37 AM	-----	-----
COOHTW*10 1:20	37WA037.rs	11/19/93	10:37 AM	-----	-----
COOHTW*11 1:20	37WA038.rs	11/19/93	11:37 AM	-----	-----
COOHTW*12 1:20	37WA039.rs	11/19/93	12:37 PM	-----	-----
COOHTW*41 1:20	37WA040.rs	11/19/93	1:37 PM	-----	-----
COOHTW*42 1:20	37WA041.rs	11/19/93	2:36 PM	-----	-----
SPM*COOHTW*3	37WA042.rs	11/19/93	3:36 PM	27.19	1215039
SPM*COOHTW*10	37WA043.rs	11/19/93	4:36 PM	27.10	1416215
CCS*111B*3	37WA044.rs	11/19/93	5:37 PM	27.17	1554604

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	CHCLBRZ Area
ME*1117B*1	37WA001.rs	11/17/93	8:42 PM	-----	-----
882088-1	37WA002.rs	11/17/93	9:57 PM	30.45	31181
882088-2.5	37WA003.rs	11/17/93	11:06 PM	30.47	131934

000207

882088-5	37WA004.rs	11/18/93	12:14 AM	30.52	268100
882088-10	37WA005.rs	11/18/93	1:19 AM	30.63	514735
882088-25	37WA006.rs	11/18/93	2:23 AM	30.66	1429210
882088-50	37WA007.rs	11/18/93	3:26 AM	30.70	3153587
882088-100	37WA008.rs	11/18/93	4:27 AM	30.76	6041523
ICV=1117B*1	37WA009.rs	11/18/93	5:28 AM	-----	-----
CDOMTW=1	37WA010.rs	11/18/93	6:29 AM	-----	-----
CDOMTW=2	37WA011.rs	11/18/93	7:29 AM	30.88	875510
CDOMTW=3	37WA012.rs	11/18/93	8:29 AM	-----	-----
CDOMTW=10	37WA013.rs	11/18/93	9:29 AM	-----	-----
CDOMTW=11	37WA014.rs	11/18/93	10:29 AM	-----	-----
CDOMTW=12	37WA015.rs	11/18/93	11:28 AM	-----	-----
CDOMTW=60	37WA016.rs	11/18/93	12:27 PM	-----	-----
CDOMTW=25	37WA017.rs	11/18/93	2:22 PM	-----	-----
CDOMTW=26	37WA018.rs	11/18/93	3:21 PM	-----	-----
CDOMTW=36	37WA019.rs	11/18/93	4:20 PM	-----	-----
CCS=1117B*1	37WA020.rs	11/18/93	5:20 PM	30.45	1410731
CDOMTW=41	37WA021.rs	11/18/93	6:48 PM	-----	-----
SPM1=TCM17*1	37WA022.rs	11/18/93	7:46 PM	-----	-----
SPM2=TCM17*1	37WA023.rs	11/18/93	8:46 PM	-----	-----
SP1=1117B*1	37WA024.rs	11/18/93	9:45 PM	-----	-----
CDOMTW=42	37WA025.rs	11/18/93	10:45 PM	-----	-----
CDOMTW=53	37WA026.rs	11/18/93	11:44 PM	-----	-----
CDOMTW=56	37WA027.rs	11/19/93	12:43 AM	-----	-----
CDOMTW=57	37WA028.rs	11/19/93	1:43 AM	-----	-----
CDOMTW=58	37WA029.rs	11/19/93	2:42 AM	-----	-----
TCM17*1	37WA030.rs	11/19/93	3:41 AM	-----	-----
TCM17*2	37WA031.rs	11/19/93	4:40 AM	-----	-----
TCM17*3	37WA032.rs	11/19/93	5:39 AM	-----	-----
CDOMTW=16	37WA033.rs	11/19/93	6:39 AM	-----	-----
CCS=1117B*2	37WA034.rs	11/19/93	7:38 AM	30.59	1329747
CDOMTW=2 1:20	37WA035.rs	11/19/93	8:37 AM	30.62	23475
CDOMTW=3 1:20	37WA036.rs	11/19/93	9:37 AM	-----	-----
CDOMTW=10 1:20	37WA037.rs	11/19/93	10:37 AM	-----	-----
CDOMTW=11 1:20	37WA038.rs	11/19/93	11:37 AM	-----	-----
CDOMTW=12 1:20	37WA039.rs	11/19/93	12:37 PM	-----	-----
CDOMTW=41 1:20	37WA040.rs	11/19/93	1:37 PM	-----	-----
CDOMTW=42 1:20	37WA041.rs	11/19/93	2:36 PM	-----	-----
SPM=CDOMTW=3	37WA042.rs	11/19/93	3:36 PM	-----	-----
SPM=CDOMTW=10	37WA043.rs	11/19/93	4:36 PM	-----	-----
CCS=1118*3	37WA044.rs	11/19/93	5:37 PM	30.44	1374547

Sample Name	File Name	Date Of Injection	Time Of Injection	CLSENZ	
				Ret. Time	Area
MB=1117B*1	37WA001.rs	11/17/93	8:42 PM	-----	-----
882088-1	37WA002.rs	11/17/93	9:57 PM	33.77	26785
882088-2.5	37WA003.rs	11/17/93	11:06 PM	33.79	108824
882088-5	37WA004.rs	11/18/93	12:14 AM	33.81	216172
882088-10	37WA005.rs	11/18/93	1:19 AM	33.85	438345
882088-25	37WA006.rs	11/18/93	2:23 AM	33.87	1198732
882088-50	37WA007.rs	11/18/93	3:26 AM	33.89	2492792
882088-100	37WA008.rs	11/18/93	4:27 AM	33.93	5046514
ICV=1117B*1	37WA009.rs	11/18/93	5:28 AM	33.96	903691
CDOMTW=1	37WA010.rs	11/18/93	6:29 AM	-----	-----
CDOMTW=2	37WA011.rs	11/18/93	7:29 AM	-----	-----
CDOMTW=3	37WA012.rs	11/18/93	8:29 AM	-----	-----
CDOMTW=10	37WA013.rs	11/18/93	9:29 AM	-----	-----
CDOMTW=11	37WA014.rs	11/18/93	10:29 AM	-----	-----
CDOMTW=12	37WA015.rs	11/18/93	11:28 AM	34.52	24021
CDOMTW=60	37WA016.rs	11/18/93	12:27 PM	-----	-----
CDOMTW=25	37WA017.rs	11/18/93	2:22 PM	-----	-----
CDOMTW=26	37WA018.rs	11/18/93	3:21 PM	-----	-----
CDOMTW=36	37WA019.rs	11/18/93	4:20 PM	-----	-----
CCS=1117B*1	37WA020.rs	11/18/93	5:20 PM	33.79	1209125
CDOMTW=41	37WA021.rs	11/18/93	6:48 PM	-----	-----
SPM1=TCM17*1	37WA022.rs	11/18/93	7:46 PM	33.89	923158
SPM2=TCM17*1	37WA023.rs	11/18/93	8:46 PM	33.82	887405
SP1=1117B*1	37WA024.rs	11/18/93	9:45 PM	33.86	919421

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COOHTW#42	37WA025.re	11/18/93	10:45 PM	-----	-----
COOHTW#53	37WA026.re	11/18/93	11:44 PM	-----	-----
COOHTW#56	37WA027.re	11/19/93	12:43 AM	-----	-----
COOHTW#57	37WA028.re	11/19/93	1:43 AM	-----	-----
COOHTW#58	37WA029.re	11/19/93	2:42 AM	-----	-----
TCHM17#1	37WA030.re	11/19/93	3:41 AM	-----	-----
TCHM17#2	37WA031.re	11/19/93	4:40 AM	-----	-----
TCHM17#3	37WA032.re	11/19/93	5:39 AM	-----	-----
COOHTW#16	37WA033.re	11/19/93	6:39 AM	-----	-----
CCS#1117B#2	37WA034.re	11/19/93	7:38 AM	33.64	1194947
COOHTW#2 1:20	37WA035.re	11/19/93	8:37 AM	-----	-----
COOHTW#3 1:20	37WA036.re	11/19/93	9:37 AM	-----	-----
COOHTW#10 1:20	37WA037.re	11/19/93	10:37 AM	-----	-----
COOHTW#11 1:20	37WA038.re	11/19/93	11:37 AM	-----	-----
COOHTW#12 1:20	37WA039.re	11/19/93	12:37 PM	-----	-----
COOHTW#41 1:20	37WA040.re	11/19/93	1:37 PM	-----	-----
COOHTW#42 1:20	37WA041.re	11/19/93	2:36 PM	-----	-----
SPM#COOHTW#3	37WA042.re	11/19/93	3:36 PM	33.78	931814
SPM#COOHTW#10	37WA043.re	11/19/93	4:36 PM	33.76	1007519
CCS#1118#3	37WA044.re	11/19/93	5:37 PM	33.78	1231315

Sample Name	File Name	Date Of Injection	Time Of Injection	CHBR3	
				Ret. Time	Area
MB#1117B#1	37WA001.re	11/17/93	8:42 PM	-----	-----
BB2088-1	37WA002.re	11/17/93	9:57 PM	36.99	9155
BB2088-2.5	37WA003.re	11/17/93	11:06 PM	37.02	59434
BB2088-5	37WA004.re	11/18/93	12:14 AM	37.00	127730
BB2088-10	37WA005.re	11/18/93	1:19 AM	37.03	256700
BB2088-25	37WA006.re	11/18/93	2:23 AM	37.04	743563
BB2088-50	37WA007.re	11/18/93	3:26 AM	37.04	1689429
BB2088-100	37WA008.re	11/18/93	4:27 AM	37.06	3293796
ICV#1117B#1	37WA009.re	11/18/93	5:28 AM	37.11	12998
COOHTW#1	37WA010.re	11/18/93	6:29 AM	-----	-----
COOHTW#2	37WA011.re	11/18/93	7:29 AM	-----	-----
COOHTW#3	37WA012.re	11/18/93	8:29 AM	-----	-----
COOHTW#10	37WA013.re	11/18/93	9:29 AM	-----	-----
COOHTW#11	37WA014.re	11/18/93	10:29 AM	-----	-----
COOHTW#12	37WA015.re	11/18/93	11:28 AM	-----	-----
COOHTW#60	37WA016.re	11/18/93	12:27 PM	-----	-----
COOHTW#25	37WA017.re	11/18/93	2:22 PM	-----	-----
COOHTW#26	37WA018.re	11/18/93	3:21 PM	-----	-----
COOHTW#36	37WA019.re	11/18/93	4:20 PM	-----	-----
CCS#1117B#1	37WA020.re	11/18/93	5:20 PM	37.01	749265
COOHTW#41	37WA021.re	11/18/93	6:46 PM	-----	-----
SPM1#TCHM17#1	37WA022.re	11/18/93	7:46 PM	-----	-----
SPM2#TCHM17#1	37WA023.re	11/18/93	8:46 PM	-----	-----
SP1#1117B#1	37WA024.re	11/18/93	9:45 PM	-----	-----
COOHTW#42	37WA025.re	11/18/93	10:45 PM	-----	-----
COOHTW#53	37WA026.re	11/18/93	11:44 PM	-----	-----
COOHTW#56	37WA027.re	11/19/93	12:43 AM	-----	-----
COOHTW#57	37WA028.re	11/19/93	1:43 AM	-----	-----
COOHTW#58	37WA029.re	11/19/93	2:42 AM	-----	-----
TCHM17#1	37WA030.re	11/19/93	3:41 AM	-----	-----
TCHM17#2	37WA031.re	11/19/93	4:40 AM	-----	-----
TCHM17#3	37WA032.re	11/19/93	5:39 AM	-----	-----
COOHTW#16	37WA033.re	11/19/93	6:39 AM	-----	-----
CCS#1117B#2	37WA034.re	11/19/93	7:38 AM	37.02	650015
COOHTW#2 1:20	37WA035.re	11/19/93	8:37 AM	-----	-----
COOHTW#3 1:20	37WA036.re	11/19/93	9:37 AM	-----	-----
COOHTW#10 1:20	37WA037.re	11/19/93	10:37 AM	-----	-----
COOHTW#11 1:20	37WA038.re	11/19/93	11:37 AM	-----	-----
COOHTW#12 1:20	37WA039.re	11/19/93	12:37 PM	-----	-----
COOHTW#41 1:20	37WA040.re	11/19/93	1:37 PM	-----	-----
COOHTW#42 1:20	37WA041.re	11/19/93	2:36 PM	-----	-----
SPM#COOHTW#3	37WA042.re	11/19/93	3:36 PM	-----	-----
SPM#COOHTW#10	37WA043.re	11/19/93	4:36 PM	-----	-----
CCS#1118#3	37WA044.re	11/19/93	5:37 PM	37.02	750377

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
ME*1117B*1	37WA001.ra	11/17/93	8:42 PM	38.04	859476
882088-1	37WA002.ra	11/17/93	9:57 PM	38.03	826653
882088-2.5	37WA003.ra	11/17/93	11:06 PM	38.06	813566
882088-5	37WA004.ra	11/18/93	12:14 AM	38.06	853645
882088-10	37WA005.ra	11/18/93	1:19 AM	38.08	745569
882088-25	37WA006.ra	11/18/93	2:23 AM	38.11	806184
882088-50	37WA007.ra	11/18/93	3:26 AM	38.10	809373
882088-100	37WA008.ra	11/18/93	4:27 AM	38.11	826368
ICV*1117B*1	37WA009.ra	11/18/93	5:28 AM	38.14	811050
COOHTW*1	37WA010.ra	11/18/93	6:29 AM	38.15	737802
COOHTW*2	37WA011.ra	11/18/93	7:29 AM	38.18	781216
COOHTW*3	37WA012.ra	11/18/93	8:29 AM	38.15	787430
COOHTW*10	37WA013.ra	11/18/93	9:29 AM	38.13	678353
COOHTW*11	37WA014.ra	11/18/93	10:29 AM	38.11	780398
COOHTW*12	37WA015.ra	11/18/93	11:28 AM	38.14	817641
COOHTW*60	37WA016.ra	11/18/93	12:27 PM	38.17	736215
COOHTW*25	37WA017.ra	11/18/93	2:22 PM	38.17	861162
COOHTW*26	37WA018.ra	11/18/93	3:21 PM	38.09	728042
COOHTW*36	37WA019.ra	11/18/93	4:20 PM	38.09	822562
CCS*1117B*1	37WA020.ra	11/18/93	5:20 PM	38.08	861681
COOHTW*41	37WA021.ra	11/18/93	6:48 PM	38.15	819745
SPM1*TCMH17*1	37WA022.ra	11/18/93	7:46 PM	38.13	818761
SPM2*TCMH17*1	37WA023.ra	11/18/93	8:46 PM	38.11	777627
SP1*1117B*1	37WA024.ra	11/18/93	9:45 PM	38.09	790510
COOHTW*42	37WA025.ra	11/18/93	10:45 PM	38.06	787596
COOHTW*53	37WA026.ra	11/18/93	11:44 PM	38.07	752478
COOHTW*56	37WA027.ra	11/19/93	12:43 AM	38.10	766091
COOHTW*57	37WA028.ra	11/19/93	1:43 AM	38.05	746138
COOHTW*58	37WA029.ra	11/19/93	2:42 AM	38.10	773055
TCMH17*1	37WA030.ra	11/19/93	3:41 AM	38.08	770064
TCMH17*2	37WA031.ra	11/19/93	4:40 AM	38.11	726142
TCMH17*3	37WA032.ra	11/19/93	5:39 AM	38.09	738019
COOHTW*16	37WA033.ra	11/19/93	6:39 AM	38.10	723877
CCS*1117B*2	37WA034.ra	11/19/93	7:38 AM	38.09	791734
COOHTW*2 1:20	37WA035.ra	11/19/93	8:37 AM	38.09	774751
COOHTW*3 1:20	37WA036.ra	11/19/93	9:37 AM	38.10	788610
COOHTW*10 1:20	37WA037.ra	11/19/93	10:37 AM	38.10	819649
COOHTW*11 1:20	37WA038.ra	11/19/93	11:37 AM	38.10	775737
COOHTW*12 1:20	37WA039.ra	11/19/93	12:37 PM	38.09	796160
COOHTW*41 1:20	37WA040.ra	11/19/93	1:37 PM	38.06	839096
COOHTW*42 1:20	37WA041.ra	11/19/93	2:36 PM	38.05	800285
SPM*COOHTW*3	37WA042.ra	11/19/93	3:36 PM	38.07	807283
SPM*COOHTW*10	37WA043.ra	11/19/93	4:36 PM	38.08	810604
CCS*1118*3	37WA044.ra	11/19/93	5:37 PM	38.10	857269

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Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
ME*1117B*1	37WA001.ra	11/17/93	8:42 PM	38.75	36648
882088-1	37WA002.ra	11/17/93	9:57 PM	38.74	54521
882088-2.5	37WA003.ra	11/17/93	11:06 PM	38.76	137013
882088-5	37WA004.ra	11/18/93	12:14 AM	38.74	265117
882088-10	37WA005.ra	11/18/93	1:19 AM	38.78	474059
882088-25	37WA006.ra	11/18/93	2:23 AM	38.79	1203926
882088-50	37WA007.ra	11/18/93	3:26 AM	38.79	2595827
882088-100	37WA008.ra	11/18/93	4:27 AM	38.79	4880232
ICV*1117B*1	37WA009.ra	11/18/93	5:28 AM	38.82	971434
COOHTW*1	37WA010.ra	11/18/93	6:29 AM	38.85	10350
COOHTW*2	37WA011.ra	11/18/93	7:29 AM		
COOHTW*3	37WA012.ra	11/18/93	8:29 AM		
COOHTW*10	37WA013.ra	11/18/93	9:29 AM	38.82	1577234
COOHTW*11	37WA014.ra	11/18/93	10:29 AM	38.79	183778
COOHTW*12	37WA015.ra	11/18/93	11:28 AM	38.83	7522052
COOHTW*60	37WA016.ra	11/18/93	12:27 PM	38.86	142043

000210

CDOMTW=25	37WA017.rs	11/18/93	2:22 PM	-----	-----
CDOMTW=26	37WA018.rs	11/18/93	3:21 PM	-----	-----
CDOMTW=36	37WA019.rs	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.rs	11/18/93	5:20 PM	38.77	1254097
CDOMTW=41	37WA021.rs	11/18/93	6:48 PM	38.82	2044418
SPM1=TCMH17=1	37WA022.rs	11/18/93	7:46 PM	38.82	1045085
SPM2=TCMH17=1	37WA023.rs	11/18/93	8:46 PM	38.80	1025316
SP1=1117B=1	37WA024.rs	11/18/93	9:45 PM	38.77	1036354
CDOMTW=42	37WA025.rs	11/18/93	10:45 PM	38.76	8697385
CDOMTW=53	37WA026.rs	11/18/93	11:44 PM	38.76	159955
CDOMTW=56	37WA027.rs	11/19/93	12:43 AM	38.83	13781
CDOMTW=57	37WA028.rs	11/19/93	1:43 AM	-----	-----
CDOMTW=58	37WA029.rs	11/19/93	2:42 AM	-----	-----
TCMH17=1	37WA030.rs	11/19/93	3:41 AM	-----	-----
TCMH17=2	37WA031.rs	11/19/93	4:40 AM	-----	-----
TCMH17=3	37WA032.rs	11/19/93	5:39 AM	-----	-----
CDOMTW=16	37WA033.rs	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WA034.rs	11/19/93	7:38 AM	38.77	1089996
CDOMTW=2 1:20	37WA035.rs	11/19/93	8:37 AM	38.79	20269
CDOMTW=3 1:20	37WA036.rs	11/19/93	9:37 AM	-----	-----
CDOMTW=10 1:20	37WA037.rs	11/19/93	10:37 AM	38.80	95607
CDOMTW=11 1:20	37WA038.rs	11/19/93	11:37 AM	38.81	26756
CDOMTW=12 1:20	37WA039.rs	11/19/93	12:37 PM	38.78	646597
CDOMTW=41 1:20	37WA040.rs	11/19/93	1:37 PM	38.76	81796
CDOMTW=42 1:20	37WA041.rs	11/19/93	2:36 PM	38.74	575598
SPM=CDOMTW=3	37WA042.rs	11/19/93	3:36 PM	38.76	957382
SPM=CDOMTW=10	37WA043.rs	11/19/93	4:36 PM	38.77	2999826
CCS=111B=3	37WA044.rs	11/19/93	5:37 PM	36.79	1226572

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	M-OCB Area
MB=1117B=1	37WA001.rs	11/17/93	8:42 PM	-----	-----
88208C-1	37WA002.rs	11/17/93	9:57 PM	40.89	46962
88208B-2.5	37WA003.rs	11/17/93	11:06 PM	40.90	159355
88208B-5	37WA004.rs	11/18/93	12:14 AM	40.88	321110
88208B-10	37WA005.rs	11/18/93	1:19 AM	40.92	593506
88208B-25	37WA006.rs	11/18/93	2:23 AM	40.94	1567224
88208B-50	37WA007.rs	11/18/93	3:26 AM	40.93	3269227
88208B-100	37WA008.rs	11/18/93	4:27 AM	40.91	5789419
ICV=1117B=1	37WA009.rs	11/18/93	5:28 AM	40.95	1308342
CDOMTW=1	37WA010.rs	11/18/93	6:29 AM	-----	-----
CDOMTW=2	37WA011.rs	11/18/93	7:29 AM	-----	-----
CDOMTW=3	37WA012.rs	11/18/93	8:29 AM	-----	-----
CDOMTW=10	37WA013.rs	11/18/93	9:29 AM	-----	-----
CDOMTW=11	37WA014.rs	11/18/93	10:29 AM	-----	-----
CDOMTW=12	37WA015.rs	11/18/93	11:28 AM	-----	-----
CDOMTW=60	37WA016.rs	11/18/93	12:27 PM	-----	-----
CDOMTW=25	37WA017.rs	11/18/93	2:22 PM	-----	-----
CDOMTW=26	37WA018.rs	11/18/93	3:21 PM	-----	-----
CDOMTW=36	37WA019.rs	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.rs	11/18/93	5:20 PM	40.90	1622452
CDOMTW=41	37WA021.rs	11/18/93	6:48 PM	-----	-----
SPM1=TCMH17=1	37WA022.rs	11/18/93	7:46 PM	-----	-----
SPM2=TCMH17=1	37WA023.rs	11/18/93	8:46 PM	-----	-----
SP1=1117B=1	37WA024.rs	11/18/93	9:45 PM	-----	-----
CDOMTW=42	37WA025.rs	11/18/93	10:45 PM	-----	-----
CDOMTW=53	37WA026.rs	11/18/93	11:44 PM	-----	-----
CDOMTW=56	37WA027.rs	11/19/93	12:43 AM	-----	-----
CDOMTW=57	37WA028.rs	11/19/93	1:43 AM	-----	-----
CDOMTW=58	37WA029.rs	11/19/93	2:42 AM	-----	-----
TCMH17=1	37WA030.rs	11/19/93	3:41 AM	-----	-----
TCMH17=2	37WA031.rs	11/19/93	4:40 AM	-----	-----
TCMH17=3	37WA032.rs	11/19/93	5:39 AM	-----	-----
CDOMTW=16	37WA033.rs	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WA034.rs	11/19/93	7:38 AM	40.93	1557316
CDOMTW=2 1:20	37WA035.rs	11/19/93	8:37 AM	-----	-----
CDOMTW=3 1:20	37WA036.rs	11/19/93	9:37 AM	-----	-----
CDOMTW=10 1:20	37WA037.rs	11/19/93	10:37 AM	-----	-----

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CDOMTW=11 1:20	37WA036.re	11/19/93	11:37 AM	-----	-----
CDOMTW=12 1:20	37WA039.re	11/19/93	12:37 PM	-----	-----
CDOMTW=41 1:20	37WA040.re	11/19/93	1:37 PM	-----	-----
CDOMTW=42 1:20	37WA041.re	11/19/93	2:36 PM	-----	-----
SPM=CDOMTW=3	37WA042.re	11/19/93	3:36 PM	-----	-----
SPM=CDOMTW=10	37WA043.re	11/19/93	4:36 PM	-----	-----
CCS=111B=3	37WA044.re	11/19/93	5:37 PM	40.95	1655797

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
MB=1117B=1	37WA001.re	11/17/93	8:42 PM	-----	-----
BB2088-1	37WA002.re	11/17/93	9:57 PM	41.13	70464
BB2088-2.5	37WA003.re	11/17/93	11:06 PM	41.13	193816
BB2088-5	37WA004.re	11/18/93	12:14 AM	41.12	366275
BB2088-10	37WA005.re	11/18/93	1:19 AM	41.16	630893
BB2088-25	37WA006.re	11/18/93	2:23 AM	41.19	1680433
BB2088-50	37WA007.re	11/18/93	3:26 AM	41.18	3457242
BB2088-100	37WA008.re	11/18/93	4:27 AM	41.16	5990114
ICV=1117B=1	37WA009.re	11/18/93	5:28 AM	41.20	1397368
CDOMTW=1	37WA010.re	11/18/93	6:29 AM	-----	-----
CDOMTW=2	37WA011.re	11/18/93	7:29 AM	-----	-----
CDOMTW=3	37WA012.re	11/18/93	8:29 AM	-----	-----
CDOMTW=10	37WA013.re	11/18/93	9:29 AM	-----	-----
CDOMTW=11	37WA014.re	11/18/93	10:29 AM	-----	-----
CDOMTW=12	37WA015.re	11/18/93	11:28 AM	-----	-----
CDOMTW=60	37WA016.re	11/18/93	12:27 PM	-----	-----
CDOMTW=25	37WA017.re	11/18/93	2:22 PM	-----	-----
CDOMTW=25	37WA018.re	11/18/93	3:21 PM	-----	-----
CDOMTW=36	37WA019.re	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WA020.re	11/18/93	5:20 PM	41.15	1732345
CDOMTW=41	37WA021.re	11/18/93	6:48 PM	-----	-----
SPM1=TCM17=1	37WA022.re	11/18/93	7:46 PM	-----	-----
SPM2=TCM17=1	37WA023.re	11/18/93	8:46 PM	-----	-----
SP1=1117B=1	37WA024.re	11/18/93	9:45 PM	-----	-----
CDOMTW=42	37WA025.re	11/18/93	10:45 PM	-----	-----
CDOMTW=53	37WA026.re	11/18/93	11:44 PM	-----	-----
CDOMTW=56	37WA027.re	11/19/93	12:43 AM	-----	-----
CDOMTW=57	37WA028.re	11/19/93	1:43 AM	-----	-----
CDOMTW=58	37WA029.re	11/19/93	2:42 AM	-----	-----
TCM17=1	37WA030.re	11/19/93	3:41 AM	-----	-----
TCM17=2	37WA031.re	11/19/93	4:40 AM	-----	-----
TCM17=3	37WA032.re	11/19/93	5:39 AM	-----	-----
CDOMTW=16	37WA033.re	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WA034.re	11/19/93	7:38 AM	41.17	1655408
CDOMTW=2 1:20	37WA035.re	11/19/93	8:37 AM	-----	-----
CDOMTW=3 1:20	37WA036.re	11/19/93	9:37 AM	-----	-----
CDOMTW=10 1:20	37WA037.re	11/19/93	10:37 AM	-----	-----
CDOMTW=11 1:20	37WA038.re	11/19/93	11:37 AM	-----	-----
CDOMTW=12 1:20	37WA039.re	11/19/93	12:37 PM	-----	-----
CDOMTW=41 1:20	37WA040.re	11/19/93	1:37 PM	-----	-----
CDOMTW=42 1:20	37WA041.re	11/19/93	2:36 PM	-----	-----
SPM=CDOMTW=3	37WA042.re	11/19/93	3:36 PM	-----	-----
SPM=CDOMTW=10	37WA043.re	11/19/93	4:36 PM	-----	-----
CCS=111B=3	37WA044.re	11/19/93	5:37 PM	41.20	1776013

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
MB=1117B=1	37WA001.re	11/17/93	8:42 PM	-----	-----
BB2088-1	37WA002.re	11/17/93	9:57 PM	42.00	49314
BB2088-2.5	37WA003.re	11/17/93	11:06 PM	42.00	164237
BB2088-5	37WA004.re	11/18/93	12:14 AM	41.98	328166
BB2088-10	37WA005.re	11/18/93	1:19 AM	42.02	593983
BB2088-25	37WA006.re	11/18/93	2:23 AM	42.05	1556075
BB2088-50	37WA007.re	11/18/93	3:26 AM	42.04	3202844
BB2088-100	37WA008.re	11/18/93	4:27 AM	42.01	5709073

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ICV*1117B*1	37WA009.rs 11/18/93	5:28 AM	42.06	1271600
COOHTW*1	37WA010.rs 11/18/93	6:29 AM	-----	-----
COOHTW*2	37WA011.rs 11/18/93	7:29 AM	-----	-----
COOHTW*3	37WA012.rs 11/18/93	8:29 AM	-----	-----
COOHTW*10	37WA013.rs 11/18/93	9:29 AM	-----	-----
COOHTW*11	37WA014.rs 11/18/93	10:29 AM	-----	-----
COOHTW*12	37WA015.rs 11/18/93	11:28 AM	-----	-----
COOHTW*60	37WA016.rs 11/18/93	12:27 PM	-----	-----
COOHTW*25	37WA017.rs 11/18/93	2:22 PM	-----	-----
COOHTW*26	37WA018.rs 11/18/93	3:21 PM	-----	-----
COOHTW*36	37WA019.rs 11/18/93	4:20 PM	-----	-----
CCS*1117B*1	37WA020.rs 11/18/93	5:20 PM	42.01	1544654
COOHTW*41	37WA021.rs 11/18/93	6:48 PM	-----	-----
SPM1*TCM17*1	37WA022.rs 11/18/93	7:46 PM	-----	-----
SPM2*TCM17*1	37WA023.rs 11/18/93	8:46 PM	-----	-----
SP1*1117B*1	37WA024.rs 11/18/93	9:45 PM	-----	-----
COOHTW*42	37WA025.rs 11/18/93	10:45 PM	-----	-----
COOHTW*53	37WA026.rs 11/18/93	11:44 PM	-----	-----
COOHTW*56	37WA027.rs 11/18/93	12:43 AM	-----	-----
COOHTW*57	37WA028.rs 11/19/93	1:43 AM	-----	-----
COOHTW*58	37WA029.rs 11/19/93	2:42 AM	-----	-----
TCM17*1	37WA030.rs 11/19/93	3:41 AM	-----	-----
TCM17*2	37WA031.rs 11/19/93	4:40 AM	-----	-----
TCM17*3	37WA032.rs 11/19/93	5:39 AM	-----	-----
COOHTW*16	37WA033.rs 11/19/93	6:39 AM	-----	-----
CCS*1117B*2	37WA034.rs 11/19/93	7:38 AM	42.04	1457512
COOHTW*2 1:20	37WA035.rs 11/19/93	8:37 AM	-----	-----
COOHTW*3 1:20	37WA036.rs 11/19/93	9:37 AM	-----	-----
COOHTW*10 1:20	37WA037.rs 11/19/93	10:37 AM	-----	-----
COOHTW*11 1:20	37WA038.rs 11/19/93	11:37 AM	-----	-----
COOHTW*12 1:20	37WA039.rs 11/19/93	12:37 PM	-----	-----
COOHTW*41 1:20	37WA040.rs 11/19/93	1:37 PM	-----	-----
COOHTW*42 1:20	37WA041.rs 11/19/93	2:36 PM	-----	-----
SPM*COOHTW*3	37WA042.rs 11/19/93	3:36 PM	-----	-----
SPM*COOHTW*10	37WA043.rs 11/19/93	4:36 PM	-----	-----
CCS*1118*3	37WA044.rs 11/19/93	5:37 PM	42.06	1569382

ASCII File Created Successfully - Stored in: D:\2700\BRUCE\X\CD1ELA.prm

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ANALYSIS DATE: 11/17/93

ANALYST: BWS 715

Sample Name	File Name	Date Of Injection	Time Of Injection	MTBE	
				Ret. Time	Area
MS*1117B*1	37MB001.re	11/17/93	8:42 PM		
882088-1	37MB002.re	11/17/93	9:57 PM	9.48	3012
882088-2.5	37MB003.re	11/17/93	11:06 PM	9.70	7341
882088-5	37MB004.re	11/18/93	12:14 AM	9.81	14032
882088-10	37MB005.re	11/18/93	1:19 AM	9.97	30624
882088-25	37MB006.re	11/18/93	2:23 AM	10.03	83045
882088-50	37MB007.re	11/18/93	3:26 AM	10.15	151180
882088-100	37MB008.re	11/18/93	4:27 AM	10.34	325436
ICV*1117B*1	37MB009.re	11/18/93	5:28 AM	10.29	228443
COOHTW*1	37MB010.re	11/18/93	6:29 AM		
COOHTW*2	37MB011.re	11/18/93	7:29 AM		
COOHTW*3	37MB012.re	11/18/93	8:29 AM		
COOHTW*10	37MB013.re	11/18/93	9:29 AM		
COOHTW*11	37MB014.re	11/18/93	10:29 AM		
COOHTW*12	37MB015.re	11/18/93	11:28 AM		
COOHTW*50	37MB016.re	11/18/93	12:27 PM		
COOHTW*25	37MB017.re	11/18/93	2:22 PM		
COOHTW*26	37MB018.re	11/18/93	3:21 PM		
COOHTW*36	37MB019.re	11/18/93	4:20 PM		
CCS*1117B*1	37MB020.re	11/18/93	5:20 PM	9.86	73487
COOHTW*41	37MB021.re	11/18/93	6:46 PM		
SPM1*TCM17*1	37MB022.re	11/18/93	7:46 PM	10.02	144415
SPM2*TCM17*1	37MB023.re	11/18/93	8:46 PM	9.93	149482
SP1*1117B*1	37MB024.re	11/18/93	9:45 PM	9.86	72845
COOHTW*42	37MB025.re	11/18/93	10:45 PM		
COOHTW*53	37MB026.re	11/18/93	11:44 PM		
COOHTW*56	37MB027.re	11/19/93	12:43 AM		
COOHTW*57	37MB028.re	11/19/93	1:43 AM		
COOHTW*58	37MB029.re	11/19/93	2:42 AM		
TCM17*1	37MB030.re	11/19/93	3:41 AM	9.91	59368
TCM17*2	37MB031.re	11/19/93	4:40 AM		
TCM17*3	37MB032.re	11/19/93	5:39 AM		
COOHTW*16	37MB033.re	11/19/93	6:39 AM		
CCS*1117B*2	37MB034.re	11/19/93	7:38 AM	9.91	78069
COOHTW*2 1:20	37MB035.re	11/19/93	8:37 AM		
COOHTW*3 1:20	37MB036.re	11/19/93	9:37 AM		
COOHTW*10 1:20	37MB037.re	11/19/93	10:37 AM		
COOHTW*11 1:20	37MB038.re	11/19/93	11:37 AM		
COOHTW*12 1:20	37MB039.re	11/19/93	12:37 PM		
COOHTW*41 1:20	37MB040.re	11/19/93	1:37 PM		
COOHTW*42 1:20	37MB041.re	11/19/93	2:36 PM		
SPM*COOHTW*3	37MB042.re	11/19/93	3:36 PM	9.65	63301
SPM*COOHTW*10	37MB043.re	11/19/93	4:36 PM		
CCS*1118*3	37MB044.re	11/19/93	5:37 PM	9.64	75000

Sample Name	File Name	Date Of Injection	Time Of Injection	BENZ	
				Ret. Time	Area
MS*1117B*1	37MB001.re	11/17/93	8:42 PM		
882088-1	37MB002.re	11/17/93	9:57 PM	17.26	14015
882088-2.5	37MB003.re	11/17/93	11:06 PM	17.40	32570
882088-5	37MB004.re	11/18/93	12:14 AM	17.47	62621
882088-10	37MB005.re	11/18/93	1:19 AM	17.67	126149
882088-25	37MB006.re	11/18/93	2:23 AM	17.75	353321
882088-50	37MB007.re	11/18/93	3:26 AM	17.82	809751
882088-100	37MB008.re	11/18/93	4:27 AM	17.93	1739396
ICV*1117B*1	37MB009.re	11/18/93	5:28 AM	18.04	290850

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CDOMTW=1	37WB010.re	11/18/93	6:29 AM	-----	-----
CDOMTW=2	37WB011.re	11/18/93	7:29 AM	-----	-----
CDOMTW=3	37WB012.re	11/18/93	8:29 AM	-----	-----
CDOMTW=10	37WB013.re	11/18/93	9:29 AM	18.11	5756
CDOMTW=11	37WB014.re	11/18/93	10:29 AM	-----	-----
CDOMTW=12	37WB015.re	11/18/93	11:28 AM	-----	-----
CDOMTW=60	37WB016.re	11/18/93	12:27 PM	-----	-----
CDOMTW=25	37WB017.re	11/18/93	2:22 PM	-----	-----
CDOMTW=26	37WB018.re	11/18/93	3:21 PM	-----	-----
CDOMTW=36	37WB019.re	11/18/93	4:20 PM	-----	-----
CCS=1117B=1	37WB020.re	11/18/93	5:20 PM	17.53	335402
CDOMTW=41	37WB021.re	11/18/93	6:48 PM	-----	-----
SPH1=TCMH17=1	37WB022.re	11/18/93	7:46 PM	17.79	1542828
SPH2=TCMH17=1	37WB023.re	11/18/93	8:46 PM	17.68	1500132
SP1=1117B=1	37WB024.re	11/18/93	9:45 PM	17.58	292383
CDOMTW=42	37WB025.re	11/18/93	10:45 PM	-----	-----
CDOMTW=53	37WB026.re	11/18/93	11:44 PM	-----	-----
CDOMTW=56	37WB027.re	11/19/93	12:43 AM	-----	-----
CDOMTW=57	37WB028.re	11/19/93	1:43 AM	-----	-----
CDOMTW=58	37WB029.re	11/19/93	2:42 AM	-----	-----
TCMH17=1	37WB030.re	11/19/93	3:41 AM	17.67	1154994
TCMH17=2	37WB031.re	11/19/93	4:40 AM	-----	-----
TCMH17=3	37WB032.re	11/19/93	5:39 AM	-----	-----
CDOMTW=16	37WB033.re	11/19/93	6:39 AM	-----	-----
CCS=1117B=2	37WB034.re	11/19/93	7:38 AM	17.62	332370
CDOMTW=2 1:20	37WB035.re	11/19/93	8:37 AM	-----	-----
CDOMTW=3 1:20	37WB036.re	11/19/93	9:37 AM	-----	-----
CDOMTW=10 1:20	37WB037.re	11/19/93	10:37 AM	-----	-----
CDOMTW=11 1:20	37WB038.re	11/19/93	11:37 AM	17.48	10224
CDOMTW=12 1:20	37WB039.re	11/19/93	12:37 PM	-----	-----
CDOMTW=41 1:20	37WB040.re	11/19/93	1:37 PM	-----	-----
CDOMTW=42 1:20	37WB041.re	11/19/93	2:36 PM	-----	-----
SPH=CDOMTW=3	37WB042.re	11/19/93	3:36 PM	17.40	256125
SPH=CDOMTW=10	37WB043.re	11/19/93	4:36 PM	17.31	275378
CCS=1118=3	37WB044.re	11/19/93	5:37 PM	17.33	323309

Sample Name	File Name	Date Of Injection	Time Of Injection	TOL	
				Ret. Time	Area
MB=1117B=1	37WB001.re	11/17/93	8:42 PM	-----	-----
882088-1	37WB002.re	11/17/93	9:57 PM	25.09	13100
882088-2.5	37WB003.re	11/17/93	11:06 PM	25.21	32847
882088-5	37WB004.re	11/18/93	12:14 AM	25.23	60228
882088-10	37WB005.re	11/18/93	1:19 AM	25.37	118793
882088-25	37WB006.re	11/18/93	2:23 AM	25.43	337596
882088-50	37WB007.re	11/18/93	3:26 AM	25.45	793627
882088-100	37WB008.re	11/18/93	4:27 AM	25.55	1662947
ICV=1117B=1	37WB009.re	11/18/93	5:28 AM	25.60	263728
CDOMTW=1	37WB010.re	11/18/93	6:29 AM	-----	-----
CDOMTW=2	37WB011.re	11/18/93	7:29 AM	-----	-----
CDOMTW=3	37WB012.re	11/18/93	8:29 AM	-----	-----
CDOMTW=10	37WB013.re	11/18/93	9:29 AM	25.66	414426
CDOMTW=11	37WB014.re	11/18/93	10:29 AM	-----	-----
CDOMTW=12	37WB015.re	11/18/93	11:28 AM	-----	-----
CDOMTW=60	37WB016.re	11/18/93	12:27 PM	-----	-----
CDOMTW=25	37WB017.re	11/18/93	2:22 PM	-----	-----
CDOMTW=26	37WB018.re	11/18/93	3:21 PM	-----	-----
CDOMTW=36	37WB019.re	11/18/93	4:20 PM	25.29	3131
CCS=1117B=1	37WB020.re	11/18/93	5:20 PM	25.27	317016
CDOMTW=41	37WB021.re	11/18/93	6:48 PM	25.83	449560
SPH1=TCMH17=1	37WB022.re	11/18/93	7:46 PM	25.40	290571
SPH2=TCMH17=1	37WB023.re	11/18/93	8:46 PM	25.39	285658
SP1=1117B=1	37WB024.re	11/18/93	9:45 PM	25.32	281165
CDOMTW=42	37WB025.re	11/18/93	10:45 PM	-----	-----
CDOMTW=53	37WB026.re	11/18/93	11:44 PM	-----	-----
CDOMTW=56	37WB027.re	11/19/93	12:43 AM	-----	-----
CDOMTW=57	37WB028.re	11/19/93	1:43 AM	-----	-----
CDOMTW=58	37WB029.re	11/19/93	2:42 AM	-----	-----
TCMH17=1	37WB030.re	11/19/93	3:41 AM	25.36	7166

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TCM17*2	37WB031.re	11/19/93	4:40 AM	-----	-----
TCM17*3	37WB032.re	11/19/93	5:39 AM	-----	-----
COOHTW*16	37WB033.re	11/19/93	6:39 AM	-----	-----
CCS=1117B*2	37WB034.re	11/19/93	7:38 AM	25.33	321948
COOHTW*2 1:20	37WB035.re	11/19/93	8:37 AM	-----	-----
COOHTW*3 1:20	37WB036.re	11/19/93	9:37 AM	-----	-----
COOHTW*10 1:20	37WB037.re	11/19/93	10:37 AM	25.31	13858
COOHTW*11 1:20	37WB038.re	11/19/93	11:37 AM	-----	-----
COOHTW*12 1:20	37WB039.re	11/19/93	12:37 PM	-----	-----
COOHTW*41 1:20	37WB040.re	11/19/93	1:37 PM	25.25	16004
COOHTW*42 1:20	37WB041.re	11/19/93	2:36 PM	-----	-----
SPM*COOHTW*3	37WB042.re	11/19/93	3:36 PM	25.21	242228
SPM*COOHTW*10	37WB043.re	11/19/93	4:36 PM	25.12	714209
CCS=1118*3	37WB044.re	11/19/93	5:37 PM	25.19	309128

Sample Name	File Name	Date Of Injection	Time Of Injection	TCLEE	
				Ret. Time	Area
MB=1117B*1	37WB001.re	11/17/93	8:42 PM	-----	-----
BB2088-1	37WB002.re	11/17/93	9:57 PM	27.97	6096
BB2088-2.5	37WB003.re	11/17/93	11:06 PM	28.06	16368
BB2088-5	37WB004.re	11/18/93	12:14 AM	28.08	31586
BB2088-10	37WB005.re	11/18/93	1:19 AM	28.21	62390
BB2088-25	37WB006.re	11/18/93	2:23 AM	28.28	171039
BB2088-50	37WB007.re	11/18/93	3:26 AM	28.29	394602
BB2088-100	37WB008.re	11/18/93	4:27 AM	28.37	836793
ICV*1117B*1	37WB009.re	11/18/93	5:28 AM	28.45	133430
COOHTW*1	37WB010.re	11/18/93	6:29 AM	-----	-----
COOHTW*2	37WB011.re	11/18/93	7:29 AM	28.49	98719
COOHTW*3	37WB012.re	11/18/93	8:29 AM	28.52	1864376
COOHTW*10	37WB013.re	11/18/93	9:29 AM	28.51	1327612
COOHTW*11	37WB014.re	11/18/93	10:29 AM	28.49	70742
COOHTW*12	37WB015.re	11/18/93	11:28 AM	28.48	89823
COOHTW*60	37WB016.re	11/18/93	12:27 PM	-----	-----
COOHTW*25	37WB017.re	11/18/93	2:22 PM	28.60	71606
COOHTW*26	37WB018.re	11/18/93	3:21 PM	28.18	40729
COOHTW*36	37WB019.re	11/18/93	4:20 PM	-----	-----
CCS=1117B*1	37WB020.re	11/18/93	5:20 PM	28.08	162439
COOHTW*41	37WB021.re	11/18/93	6:48 PM	28.64	1466046
SPM1*TCM17*1	37WB022.re	11/18/93	7:46 PM	28.21	148422
SPM2*TCM17*1	37WB023.re	11/18/93	8:46 PM	28.19	141420
SP1*1117B*1	37WB024.re	11/18/93	9:45 PM	28.16	139628
COOHTW*42	37WB025.re	11/18/93	10:45 PM	28.16	127306
COOHTW*53	37WB026.re	11/18/93	11:44 PM	-----	-----
COOHTW*56	37WB027.re	11/19/93	12:43 AM	-----	-----
COOHTW*57	37WB028.re	11/19/93	1:43 AM	-----	-----
COOHTW*58	37WB029.re	11/19/93	2:42 AM	-----	-----
TCM17*1	37WB030.re	11/19/93	3:41 AM	28.20	6263
TCM17*2	37WB031.re	11/19/93	4:40 AM	28.19	12315
TCM17*3	37WB032.re	11/19/93	5:39 AM	-----	-----
COOHTW*16	37WB033.re	11/19/93	6:39 AM	-----	-----
CCS=1117B*2	37WB034.re	11/19/93	7:38 AM	28.18	158719
COOHTW*2 1:20	37WB035.re	11/19/93	8:37 AM	-----	-----
COOHTW*3 1:20	37WB036.re	11/19/93	9:37 AM	28.19	60908
COOHTW*10 1:20	37WB037.re	11/19/93	10:37 AM	28.16	44902
COOHTW*11 1:20	37WB038.re	11/19/93	11:37 AM	28.16	3475
COOHTW*12 1:20	37WB039.re	11/19/93	12:37 PM	-----	-----
COOHTW*41 1:20	37WB040.re	11/19/93	1:37 PM	28.11	50884
COOHTW*42 1:20	37WB041.re	11/19/93	2:36 PM	-----	-----
SPM*COOHTW*3	37WB042.re	11/19/93	3:36 PM	28.06	2021550
SPM*COOHTW*10	37WB043.re	11/19/93	4:36 PM	27.99	1393956
CCS=1118*3	37WB044.re	11/19/93	5:37 PM	28.03	160604

Sample Name	File Name	Date Of Injection	Time Of Injection	ETBENZ	
				Ret. Time	Area
MB=1117B*1	37WB001.re	11/17/93	8:42 PM	-----	-----

000216

882088-1	37WB002.rs	11/17/93	9:57 PM	34.23	11829
882088-2.5	37WB003.rs	11/17/93	11:06 PM	34.26	32203
882088-5	37WB004.rs	11/18/93	12:14 AM	34.28	59031
882088-10	37WB005.rs	11/18/93	1:19 AM	34.32	116103
882088-25	37WB006.rs	11/18/93	2:23 AM	34.34	331621
882088-50	37WB007.rs	11/18/93	3:26 AM	34.36	763106
882088-100	37WB008.rs	11/18/93	4:27 AM	34.40	1566871
ICV=11178*1	37WB009.rs	11/18/93	5:28 AM	34.42	257394
COOHTW=1	37WB010.rs	11/18/93	6:29 AM	-----	-----
COOHTW=2	37WB011.rs	11/18/93	7:29 AM	-----	-----
COOHTW=3	37WB012.rs	11/18/93	8:29 AM	-----	-----
COOHTW=10	37WB013.rs	11/18/93	9:29 AM	-----	-----
COOHTW=11	37WB014.rs	11/18/93	10:29 AM	-----	-----
COOHTW=12	37WB015.rs	11/18/93	11:28 AM	-----	-----
COOHTW=60	37WB016.rs	11/18/93	12:27 PM	-----	-----
COOHTW=25	37WB017.rs	11/18/93	2:22 PM	-----	-----
COOHTW=26	37WB018.rs	11/18/93	3:21 PM	-----	-----
COOHTW=36	37WB019.rs	11/18/93	4:20 PM	-----	-----
CCS=11178*1	37WB020.rs	11/18/93	5:20 PM	34.27	318791
COOHTW=41	37WB021.rs	11/18/93	6:48 PM	-----	-----
SPM1*TCM17*1	37WB022.rs	11/18/93	7:46 PM	34.37	421654
SPH2*TCM17*1	37WB023.rs	11/18/93	8:46 PM	34.30	401588
SP1=11178*1	37WB024.rs	11/18/93	9:45 PM	34.33	261926
COOHTW=42	37WB025.rs	11/18/93	10:45 PM	-----	-----
COOHTW=53	37WB026.rs	11/18/93	11:44 PM	-----	-----
COOHTW=56	37WB027.rs	11/19/93	12:43 AM	-----	-----
COOHTW=57	37WB028.rs	11/19/93	1:43 AM	-----	-----
COOHTW=58	37WB029.rs	11/19/93	2:42 AM	-----	-----
TCM17*1	37WB030.rs	11/19/93	3:41 AM	34.33	112725
TCM17*2	37WB031.rs	11/19/93	4:40 AM	-----	-----
TCM17*3	37WB032.rs	11/19/93	5:39 AM	-----	-----
COOHTW=16	37WB033.rs	11/19/93	6:39 AM	-----	-----
CCS=11178*2	37WB034.rs	11/19/93	7:36 AM	34.32	315333
COOHTW=2 1:20	37WB035.rs	11/19/93	8:37 AM	-----	-----
COOHTW=3 1:20	37WB036.rs	11/19/93	9:37 AM	-----	-----
COOHTW=10 1:20	37WB037.rs	11/19/93	10:37 AM	-----	-----
COOHTW=11 1:20	37WB038.rs	11/19/93	11:37 AM	-----	-----
COOHTW=12 1:20	37WB039.rs	11/19/93	12:37 PM	-----	-----
COOHTW=41 1:20	37WB040.rs	11/19/93	1:37 PM	-----	-----
COOHTW=42 1:20	37WB041.rs	11/19/93	2:36 PM	-----	-----
SPM=COOHTW=3	37WB042.rs	11/19/93	3:36 PM	34.27	227530
SPM=COOHTW=10	37WB043.rs	11/19/93	4:36 PM	34.24	253657
CCS=1118*3	37WB044.rs	11/19/93	5:37 PM	34.27	307241

Sample Name	File Name	Date Of Injection	Time Of Injection	N,P-XYL	
				Ret. Time	Area
ME=11178*1	37WB001.rs	11/17/93	8:42 PM	-----	-----
882088-1	37WB002.rs	11/17/93	9:57 PM	34.78	25639
882088-2.5	37WB003.rs	11/17/93	11:06 PM	34.82	71114
882088-5	37WB004.rs	11/18/93	12:14 AM	34.83	137035
882088-10	37WB005.rs	11/18/93	1:19 AM	34.86	285799
882088-25	37WB006.rs	11/18/93	2:23 AM	34.88	821092
882088-50	37WB007.rs	11/18/93	3:26 AM	34.90	1810204
882088-100	37WB008.rs	11/18/93	4:27 AM	34.94	3618212
ICV=11178*1	37WB009.rs	11/18/93	5:28 AM	34.95	8286
COOHTW=1	37WB010.rs	11/18/93	6:29 AM	-----	-----
COOHTW=2	37WB011.rs	11/18/93	7:29 AM	-----	-----
COOHTW=3	37WB012.rs	11/18/93	8:29 AM	-----	-----
COOHTW=10	37WB013.rs	11/18/93	9:29 AM	-----	-----
COOHTW=11	37WB014.rs	11/18/93	10:29 AM	-----	-----
COOHTW=12	37WB015.rs	11/18/93	11:28 AM	-----	-----
COOHTW=60	37WB016.rs	11/18/93	12:27 PM	-----	-----
COOHTW=25	37WB017.rs	11/18/93	2:22 PM	-----	-----
COOHTW=26	37WB018.rs	11/18/93	3:21 PM	-----	-----
COOHTW=36	37WB019.rs	11/18/93	4:20 PM	-----	-----
CCS=11178*1	37WB020.rs	11/18/93	5:20 PM	34.82	783578
COOHTW=41	37WB021.rs	11/18/93	6:48 PM	-----	-----
SPM1*TCM17*1	37WB022.rs	11/18/93	7:46 PM	34.91	9045

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SPM2*TCMH17=1	37MB023.re	11/18/93	8:46 PM	34.83	5933
SP1*1117B=1	37MB024.re	11/18/93	9:45 PM	-----	-----
CDOMTW=42	37MB025.re	11/18/93	10:45 PM	-----	-----
CDOMTW=53	37MB026.re	11/18/93	11:44 PM	-----	-----
CDOMTW=56	37MB027.re	11/19/93	12:43 AM	-----	-----
CDOMTW=57	37MB028.re	11/19/93	1:43 AM	-----	-----
CDOMTW=58	37MB029.re	11/19/93	2:42 AM	-----	-----
TCMH17=1	37MB030.re	11/19/93	3:41 AM	34.85	6880
TCMH17=2	37MB031.re	11/19/93	4:40 AM	-----	-----
TCMH17=3	37MB032.re	11/19/93	5:39 AM	-----	-----
CDOMTW=16	37MB033.re	11/19/93	6:39 AM	-----	-----
CCS*1117B=2	37MB034.re	11/19/93	7:38 AM	34.86	772620
CDOMTW=2 1:20	37MB035.re	11/19/93	8:37 AM	-----	-----
CDOMTW=3 1:20	37MB036.re	11/19/93	9:37 AM	-----	-----
CDOMTW=10 1:20	37MB037.re	11/19/93	10:37 AM	-----	-----
CDOMTW=11 1:20	37MB038.re	11/19/93	11:37 AM	-----	-----
CDOMTW=12 1:20	37MB039.re	11/19/93	12:37 PM	-----	-----
CDOMTW=41 1:20	37MB040.re	11/19/93	1:37 PM	-----	-----
CDOMTW=42 1:20	37MB041.re	11/19/93	2:36 PM	-----	-----
SPM*CDOMTW=3	37MB042.re	11/19/93	3:36 PM	-----	-----
SPM*CDOMTW=10	37MB043.re	11/19/93	4:36 PM	-----	-----
CCS*111B=3	37MB044.re	11/19/93	5:37 PM	34.83	759778

Sample Name	File Name	Date Of Injection	Time Of Injection	D-XYL	
				Ret. Time	Area
MB*1117B=1	37MB001.re	11/17/93	8:42 PM	-----	-----
BB208E-1	37MB002.re	11/17/93	9:57 PM	36.24	10822
BB208B-2.5	37MB003.re	11/17/93	11:06 PM	36.26	33589
BB208B-5	37MB004.re	11/18/93	12:14 AM	36.27	61979
BB208B-10	37MB005.re	11/18/93	1:19 AM	36.30	123306
BB208B-25	37MB006.re	11/18/93	2:23 AM	36.31	361270
BB208B-50	37MB007.re	11/18/93	3:26 AM	36.33	827788
BB208B-100	37MB008.re	11/18/93	4:27 AM	36.35	1687590
ICV*1117B=1	37MB009.re	11/18/93	5:28 AM	-----	-----
CDOMTW=1	37MB010.re	11/18/93	6:29 AM	-----	-----
CDOMTW=2	37MB011.re	11/18/93	7:29 AM	-----	-----
CDOMTW=3	37MB012.re	11/18/93	8:29 AM	-----	-----
CDOMTW=10	37MB013.re	11/18/93	9:29 AM	-----	-----
CDOMTW=11	37MB014.re	11/18/93	10:29 AM	-----	-----
CDOMTW=12	37MB015.re	11/18/93	11:28 AM	-----	-----
CDOMTW=60	37MB016.re	11/18/93	12:27 PM	-----	-----
CDOMTW=25	37MB017.re	11/18/93	2:22 PM	-----	-----
CDOMTW=26	37MB018.re	11/18/93	3:21 PM	-----	-----
CDOMTW=36	37MB019.re	11/18/93	4:20 PM	-----	-----
CCS*1117B=1	37MB020.re	11/18/93	5:20 PM	36.27	343538
CDOMTW=41	37MB021.re	11/18/93	6:48 PM	-----	-----
SPM1*TCMH17=1	37MB022.re	11/18/93	7:46 PM	36.35	7880
SPM2*TCMH17=1	37MB023.re	11/18/93	8:46 PM	36.28	33198
SP1*1117B=1	37MB024.re	11/18/93	9:45 PM	36.47	25369
CDOMTW=42	37MB025.re	11/18/93	10:45 PM	-----	-----
CDOMTW=53	37MB026.re	11/18/93	11:44 PM	-----	-----
CDOMTW=56	37MB027.re	11/19/93	12:43 AM	-----	-----
CDOMTW=57	37MB028.re	11/19/93	1:43 AM	-----	-----
CDOMTW=58	37MB029.re	11/19/93	2:42 AM	-----	-----
TCMH17=1	37MB030.re	11/19/93	3:41 AM	36.29	8374
TCMH17=2	37MB031.re	11/19/93	4:40 AM	36.23	17874
TCMH17=3	37MB032.re	11/19/93	5:39 AM	-----	-----
CDOMTW=16	37MB033.re	11/19/93	6:39 AM	-----	-----
CCS*1117B=2	37MB034.re	11/19/93	7:38 AM	36.30	340099
CDOMTW=2 1:20	37MB035.re	11/19/93	8:37 AM	-----	-----
CDOMTW=3 1:20	37MB036.re	11/19/93	9:37 AM	-----	-----
CDOMTW=10 1:20	37MB037.re	11/19/93	10:37 AM	-----	-----
CDOMTW=11 1:20	37MB038.re	11/19/93	11:37 AM	-----	-----
CDOMTW=12 1:20	37MB039.re	11/19/93	12:37 PM	-----	-----
CDOMTW=41 1:20	37MB040.re	11/19/93	1:37 PM	-----	-----
CDOMTW=42 1:20	37MB041.re	11/19/93	2:36 PM	-----	-----
SPM*CDOMTW=3	37MB042.re	11/19/93	3:36 PM	-----	-----
SPM*CDOMTW=10	37MB043.re	11/19/93	4:36 PM	-----	-----

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Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
MB*1117B*1	37WB001.ra	11/17/93	8:42 PM	38.00	589872
BB2088-1	37WB002.ra	11/17/93	9:57 PM	38.00	496480
BB2088-2.5	37WB003.ra	11/17/93	11:06 PM	38.02	471538
BB2088-5	37WB004.ra	11/18/93	12:14 AM	38.02	469071
BB2088-10	37WB005.ra	11/18/93	1:19 AM	38.05	428484
BB2088-25	37WB006.ra	11/18/93	2:23 AM	38.07	431844
BB2088-50	37WB007.ra	11/18/93	3:26 AM	38.07	437322
BB2088-100	37WB008.ra	11/18/93	4:27 AM	38.07	427513
ICV*1117B*1	37WB009.ra	11/18/93	5:28 AM	38.10	435489
COOHTW*1	37WB010.ra	11/18/93	6:29 AM	38.11	444982
COOHTW*2	37WB011.ra	11/18/93	7:29 AM	38.13	462536
COOHTW*3	37WB012.ra	11/18/93	8:29 AM	38.11	425224
COOHTW*10	37WB013.ra	11/18/93	9:29 AM	38.10	444910
COOHTW*11	37WB014.ra	11/18/93	10:29 AM	38.07	437328
COOHTW*12	37WB015.ra	11/18/93	11:28 AM	38.10	439532
COOHTW*60	37WB016.ra	11/18/93	12:27 PM	38.13	440040
COOHTW*25	37WB017.ra	11/18/93	2:22 PM	38.13	490302
COOHTW*26	37WB018.ra	11/18/93	3:21 PM	38.05	387578
COOHTW*36	37WB019.ra	11/18/93	4:20 PM	38.05	476089
CCS*1117B*1	37WB020.ra	11/18/93	5:20 PM	38.04	460221
COOHTW*41	37WB021.ra	11/18/93	6:48 PM	38.11	458959
SPM1*TCM117*1	37WB022.ra	11/18/93	7:46 PM	38.09	459996
SPM2*TCM117*1	37WB023.ra	11/18/93	8:46 PM	38.07	458432
SP1*1117B*1	37WB024.ra	11/18/93	9:45 PM	38.05	435979
COOHTW*42	37WB025.ra	11/18/93	10:45 PM	38.02	411358
COOHTW*53	37WB026.ra	11/18/93	11:44 PM	38.03	436103
COOHTW*56	37WB027.ra	11/19/93	12:43 AM	38.05	452297
COOHTW*57	37WB028.ra	11/19/93	1:43 AM	38.01	439926
COOHTW*58	37WB029.ra	11/19/93	2:42 AM	38.06	465144
TCM117*1	37WB030.ra	11/19/93	3:41 AM	38.04	456693
TCM117*2	37WB031.ra	11/19/93	4:40 AM	38.07	409603
TCM117*3	37WB032.ra	11/19/93	5:39 AM	38.05	426392
COOHTW*16	37WB033.ra	11/19/93	6:39 AM	38.06	413039
CCS*1117B*2	37WB034.ra	11/19/93	7:38 AM	38.05	401992
COOHTW*2 1:20	37WB035.ra	11/19/93	8:37 AM	38.05	435149
COOHTW*3 1:20	37WB036.ra	11/19/93	9:37 AM	38.05	433718
COOHTW*10 1:20	37WB037.ra	11/19/93	10:37 AM	38.06	436720
COOHTW*11 1:20	37WB038.ra	11/19/93	11:37 AM	38.06	428079
COOHTW*12 1:20	37WB039.ra	11/19/93	12:37 PM	38.05	411592
COOHTW*41 1:20	37WB040.ra	11/19/93	1:37 PM	38.02	443520
COOHTW*42 1:20	37WB041.ra	11/19/93	2:36 PM	38.01	422164
SPM*COOHTW*3	37WB042.ra	11/19/93	3:36 PM	38.03	425893
SPM*COOHTW*10	37WB043.ra	11/19/93	4:36 PM	38.04	431902
CCS*1118*3	37WB044.ra	11/19/93	5:37 PM	38.06	424130

$\bar{x} = 469018$

46 224

ASCII File Created Successfully - Stored in: D:\2700\BRUCE\X\CD1PIA.prn

000219

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Sample Name	: MB*1117B*1	Time	: 11/22/93 7:00 PM
Sample Number	: 1	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
 AutoSampler : None attached
 Rack/Vial : 0/0

Data Acquisition Time: 11/17/93 8:42 PM
 Delay Time : 0.00 min.
 End Time : 45.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA001.raw
 Result File : D:\2700\BRUCE\X\37WA001.rst
 Instrument File: D:\2700\BRUCE\MEGA.ins
 Process File : D:\2700\BRUCE\MEGA.prc
 Sample File : D:\2700\BRUCE\MEGA.smp
 Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 800.00
 Sample Amount : 1.0000

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ELCD REPORT

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30M MEGABORE DB624 GC#871237

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Peak #	Ret Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
1	17.81	120CLE	5763 BB	-0.95
3	38.04	BFB	859476 HH	-0.49
5	38.75	1122TCLEA	36645 BB	-0.26
6	40.92	P-OCB	3754 BB	-0.50
8	42.02	O-OCB	6582 BB	0.03

912220

000220

Chromatogram

FileName : D:\2700\ERUCE\X\3749001.raw

Date : 11/22/93 7:00 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

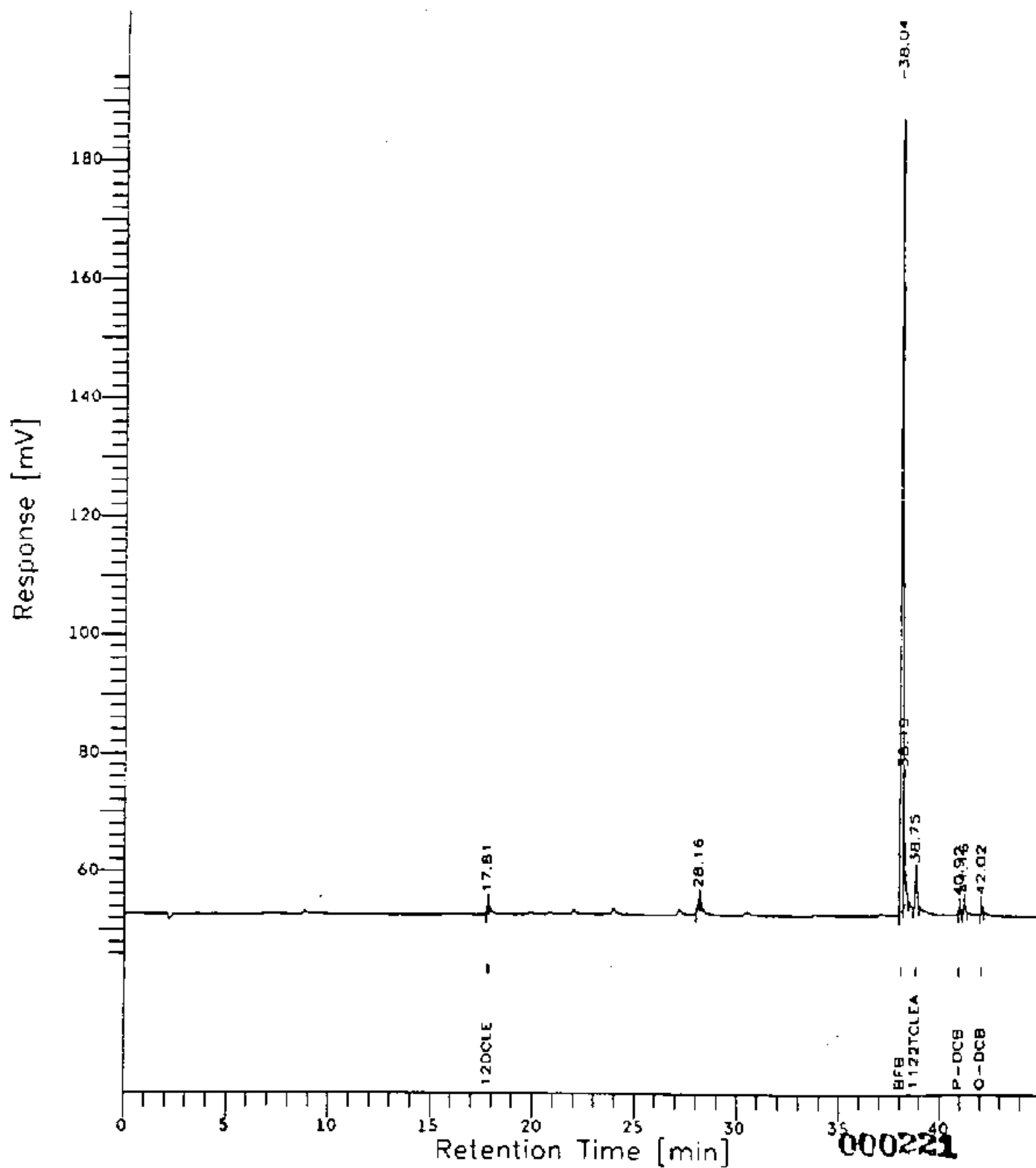
Low Point : 44.21 mV

High Point : 194.21 mV

Scale Factor: -1

Plot Offset: 44 mV

Plot Scale: 150 mV



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Sample Name   : MB*1117B*1           Time       : 11/22/93  7:00 PM
Sample Number : 1                     Study        :
Operator      :

```

```

Interface #   : 5           Channel : B           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/17/93  8:42 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WB001.raw
Result File     : D:\2700\BRUCE\X\37WB001.rst
Instrument File : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGB.pro
Sample File     : D:\2700\BRUCE\MEGB.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ML           Area Reject       : 500.00
Sample Amount  : 1.0000

```

```

=====
                        PID REPORT
=====

```

```

30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]

3	38.00	BFB	589892.68	-0.12

589892

000322

Chromatogram

46 228

FileName : D:\2700\BRUCE\X\3748001.raw

Date : 11/22/93 7:00 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

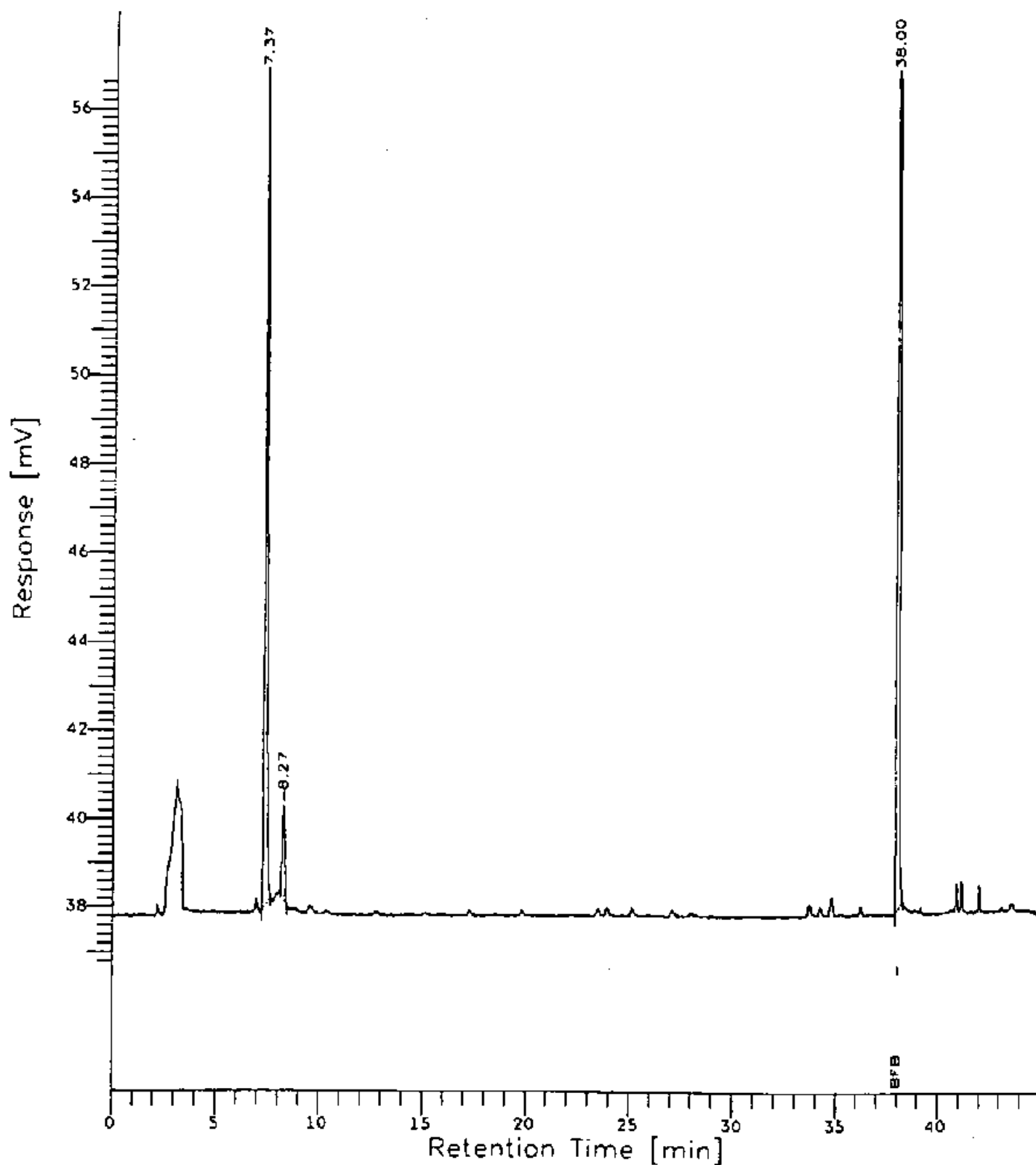
Low Point : 36.75 mV

High Point : 56.75 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000223

```

=====
Sample Name   : 882088-1           Time       : 11/22/93  7:00 PM
Sample Number: 2                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/17/93  9:57 PM
Delay Time      : 0.00 min.
End Time        : 45.00 min.
Sampling Rate   : 2.9412 pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA002.raw
Result File     : D:\2700\BRUCE\X\37WA002.rst
Instrument File : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 800.00
Sample Amount   : 1.0000

```

```

=====
ELCD REPORT
=====

```

```

=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret. Time [min]	Component Name	Area -[uv-sec]	BL Delta RT [%]
1	2.85	DDOFM	8557 MM	1.07
2	3.22	CH3CL	4350 MM	0.00
3	3.49	VC	57230 MM	-0.58
4	4.34	CH3BR	6650 MM	0.00
5	4.53	C2H5CL	46989 MM	-2.08
6	5.14	CCL3F	118977 MM	-2.26
7	5.81	11DCE	59786 BB	-3.14
8	8.75	MECL2	87779 BV	-2.59
9	9.48	T12DCE	88582 VB	-2.56
10	11.34	11DCE	69480 BB	-2.82
11	15.61	CHCL3	89873 BV	0.00
12	15.89	111TCE	119328 VV	0.21
13	16.35	CCL4	138860 VB	-1.40
14	17.78	12DCE	63407 BB	-1.07
15	19.82	TRCLE	92466 BB	-0.79
16	20.76	12DCPA	73236 BB	-0.76
17	21.94	CHCL2BR	66205 BB	-0.69
18	23.50	2CEVE	7412 BV	-0.55
19	23.90	C13OCP	68247 VB	-0.57
20	27.13	T13OCP	33094 BB	-0.33
21	28.07	112TCE+TCLE	186517 BB	-0.32
22	30.45	CHCLBR2	31181 BB	-0.20
23	33.77	CLBENZ	26789 BB	-0.12
24	36.99	CHBR3	9155 BB	-0.67
25	38.03	BFB	828653 MM	-0.50
27	38.74	1122TCLEA	54521 MM	-0.31
28	40.89	M-DCB	46962 BV	-0.58
29	41.13	P-DCB	70464 VB	0.00

000224

2604043

000225

Chromatogram

46 231

FileName : D:\2700\BRUCE\X\37W002.raw

Date : 11/22/93 7:00 PM

Page : of 1

Start Time : 0.00 min

End Time : 45.00 min

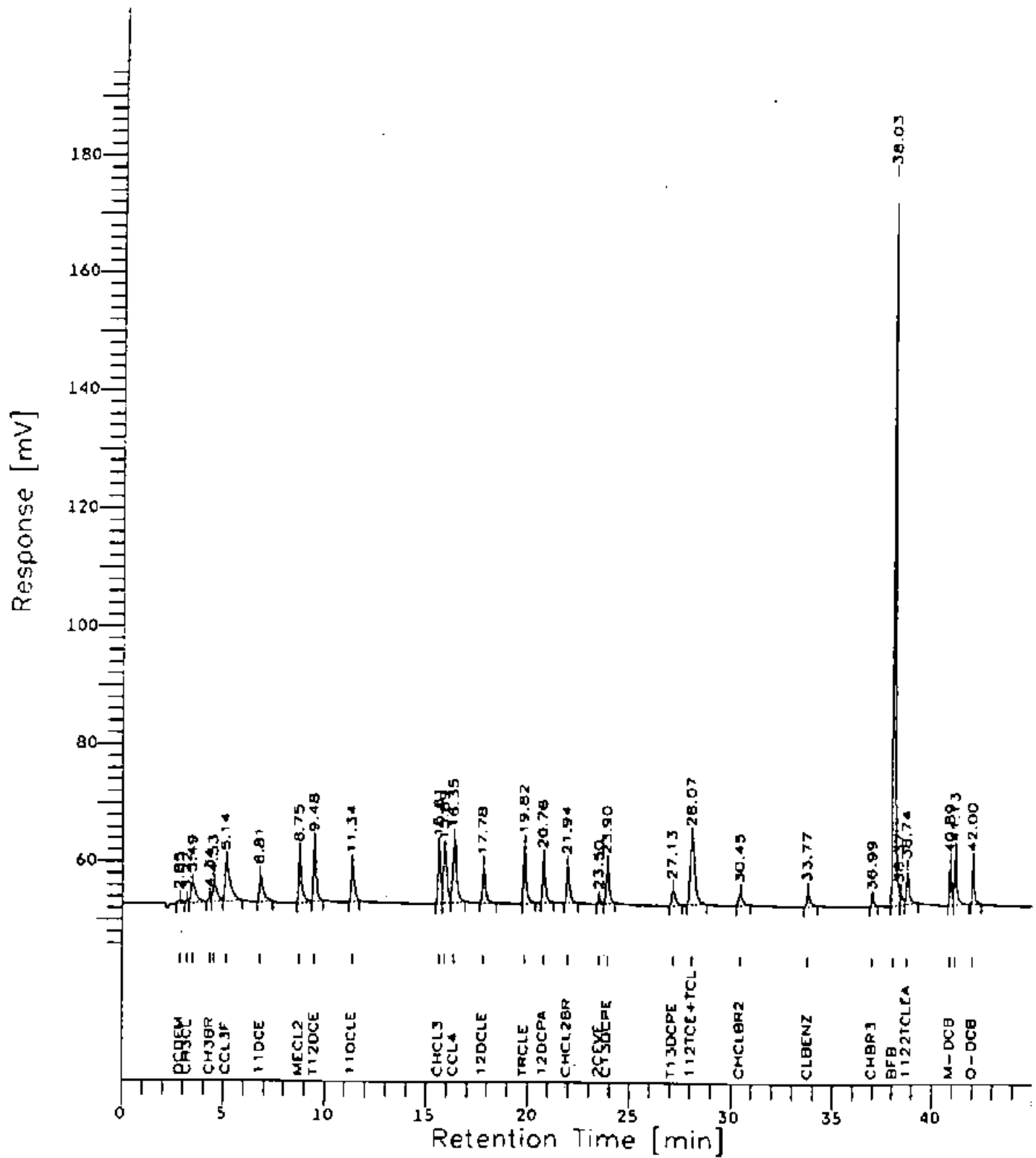
Low Point : 44.24 mV

High Point : 194.24 mV

Scale Factor: -1

Plot Offset: 44 mV

Plot Scale: 150 mV



=====

Sample Name	: 882088-1	Time	: 11/22/93 7:00 PM
Sample Number	: 2	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/17/93 9:57 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB002.raw
Result File : D:\2700\BRUCE\X\37WB002.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 HL Area Reject : 500.00
Sample Amount : 1.0000

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PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
6	9.48	MTBE	3012 MM	0.00
8	17.26	BENZ	14015 BB	-2.31
12	25.09	TOL	13100 BB	-1.09
14	27.97	TCLEE	6096 BB	-0.84
15	33.71	CLBENZ	13243 BB	-0.32
16	34.23	ETBENZ	11829 BB	-0.26
17	34.78	M,P-XYL	25639 BB	-0.23
18	36.24	O-XYL	10822 BB	-0.16
19	38.00	BFB	496480 BB	-0.13
20	40.83	M-OCB	11692 BV	-0.13
21	41.09	P-OCB	11805 VB	-0.11
22	41.95	O-OCB	9190 BB	-0.09

626924

000227

Chromatogram

FileName : D:\2700\BRUCE\X\37MB002.raw

Date : 11/22/93 7:00 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

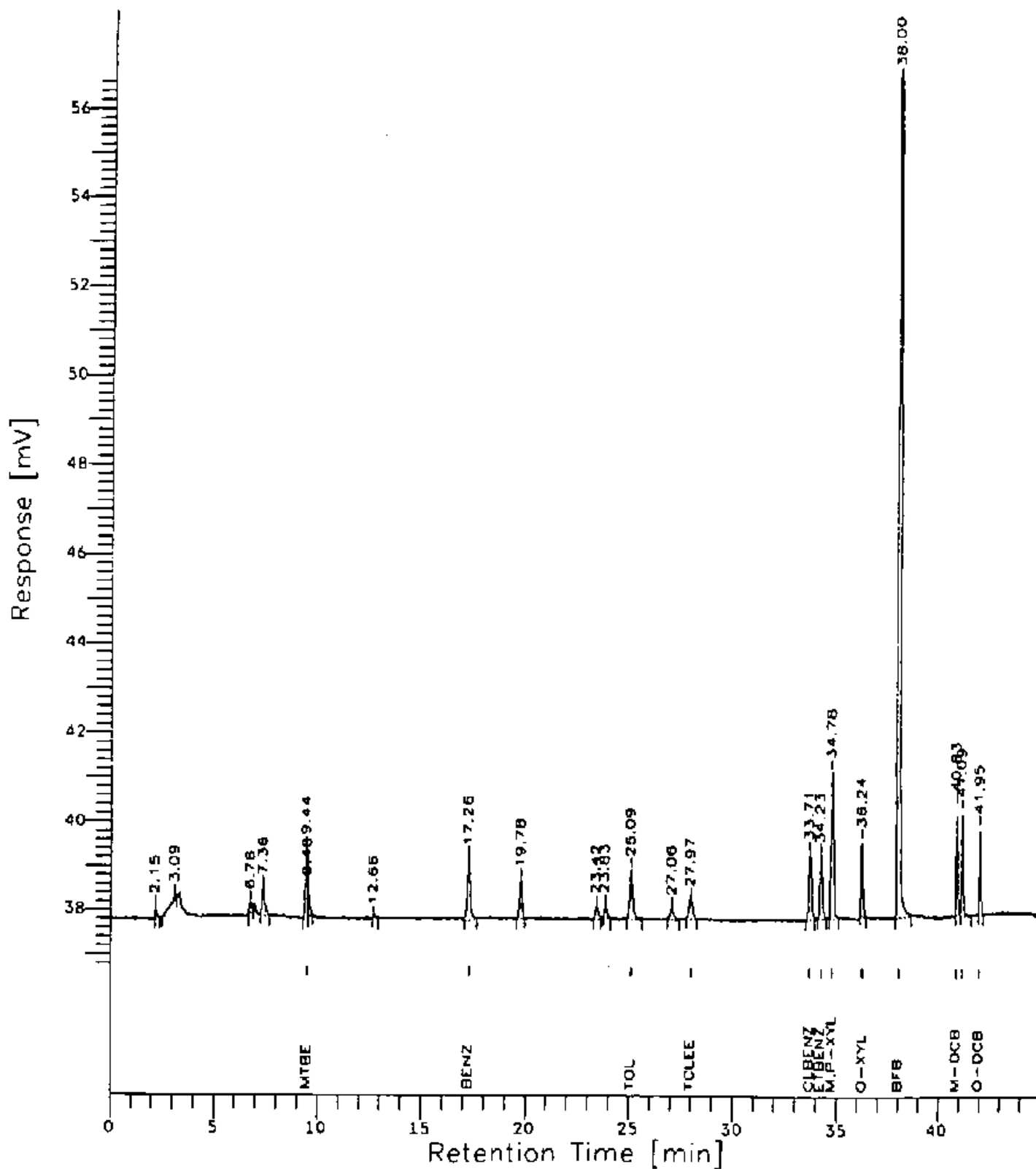
Low Point : 36.74 mV

High Point : 56.74 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000228

```

=====
Sample Name   : 882088-2.5           Time       : 11/22/93  7:00 PM
Sample Number: 3                     Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/17/93  11:06 PM
Delay Time       : 0.00   min.
End Time        : 45.00   min.
Sampling Rate    : 2.9412  pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA003.raw
Result File     : D:\2700\BRUCE\X\37WA003.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ul           Area Reject      : 800.00
Sample Amount  : 1.0000

```

```

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                        ELCD REPORT
=====

```

```

30M MEGABORE DB624 GC#871237
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```

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	2.86	CCDFM	12112 MM	1.47
2	3.32	CH3CL	6839 MM	0.00
3	3.49	VC	80573 MM	-0.74
4	4.38	CH3BR	10882 BV	0.89
5	4.57	C2H5CL	77085 VB	-1.10
6	5.19	CCL3F	170581 BB	-1.29
7	6.90	I1DCE	183241 BB	-1.93
8	8.85	MECL2	255369 BV	-1.51
9	9.58	T12DCE	264899 VB	-1.57
10	11.48	I1DCE	234311 BB	-1.60
11	15.76	CHCL3	314211 BV	-0.82
12	16.04	I117CE	333675 VV	0.00
13	16.51	CCL4	400073 VB	-0.48
14	17.92	I2DCE	197904 BB	-0.32
15	19.92	TRCLE	293981 BB	-0.28
16	20.85	I2OCPM	232669 BB	-0.33
17	22.02	CHCL2ER	219626 BB	-0.31
18	23.59	2CEVE	35607 BV	-0.19
19	23.99	C13OCPM	235850 VB	-0.19
20	27.20	T13OCPM	140648 BB	-0.08
21	28.14	I12TCE+TCLE	368793 BB	0.00
22	30.47	CHCLBR2	131934 BB	-0.15
23	33.79	CLBENZ	108824 BB	-0.07
24	37.02	CHBR3	59434 BB	-0.59
25	38.06	BFB	813566 MM	-0.43
26	38.76	I122TCLEA	137013 MM	-0.25
27	40.90	M-DCB	159355 BV	-0.58
28	41.13	P-DCB	193816 VB	0.00

000229

5037108

000230

Chromatogram

FileName : D:\2700\BRUCE\X\3790003.raw

Date : 11/22/93 7:00 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

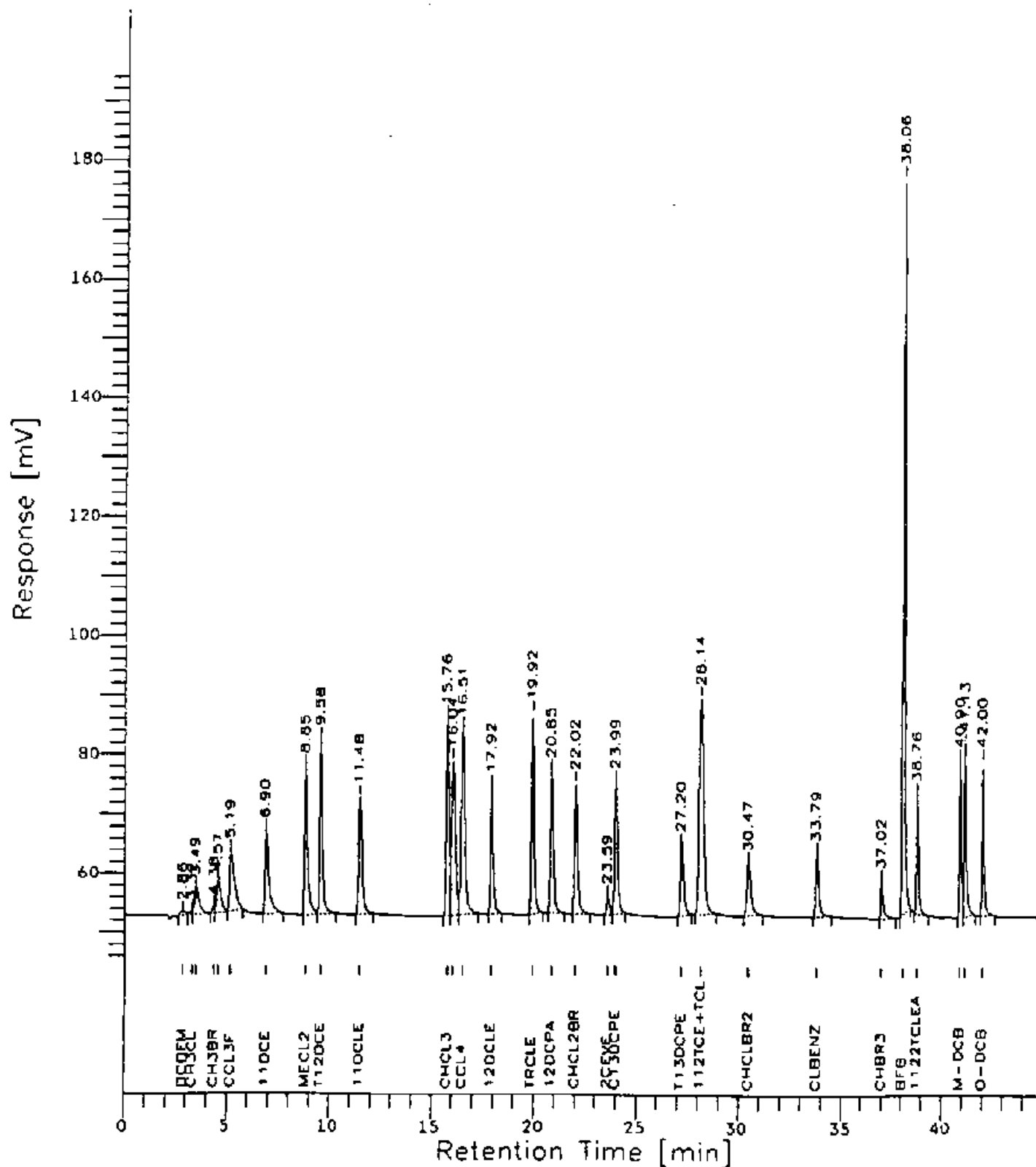
Low Point : 44.45 mV

High Point : 194.45 mV

Scale Factor: -1

Plot Offset: 45 mV

Plot Scale: 150 mV



000231

=====

Sample Name	: 882088-2.5	Time	: 11/22/93 7:01 PM
Sample Number	: 3	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/17/93 11:06 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB003.raw
Result File : D:\2700\BRUCE\X\37WB003.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CODM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time (min)	Component Name	Area [uV-sec]	BL Delta R1 [%]
6	9.70	MTBE	7341 MM	0.00
7	17.40	BENZ	32570 BB	-1.54
11	25.21	TOL	32847 BB	-0.65
13	28.06	TCLEE	16368 BB	-0.54
14	33.74	CLBENZ	35377 BB	-0.22
15	34.26	ETBENZ	32203 BB	-0.18
16	34.82	M,P-XYL	71114 BB	-0.13
17	36.26	O-XYL	33589 BB	-0.09
18	38.02	BFB	471538 BB	-0.06
19	40.06	M-DCB	33279 BV	-0.07
20	41.10	P-DCB	31477 VB	-0.08
21	41.96	O-DCB	25714 BB	-0.08

623417

000232

Chromatogram

46 238

FileName : D:\2700\BRUCE\X\3748003.raw

Date : 11/22/93 7:01 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

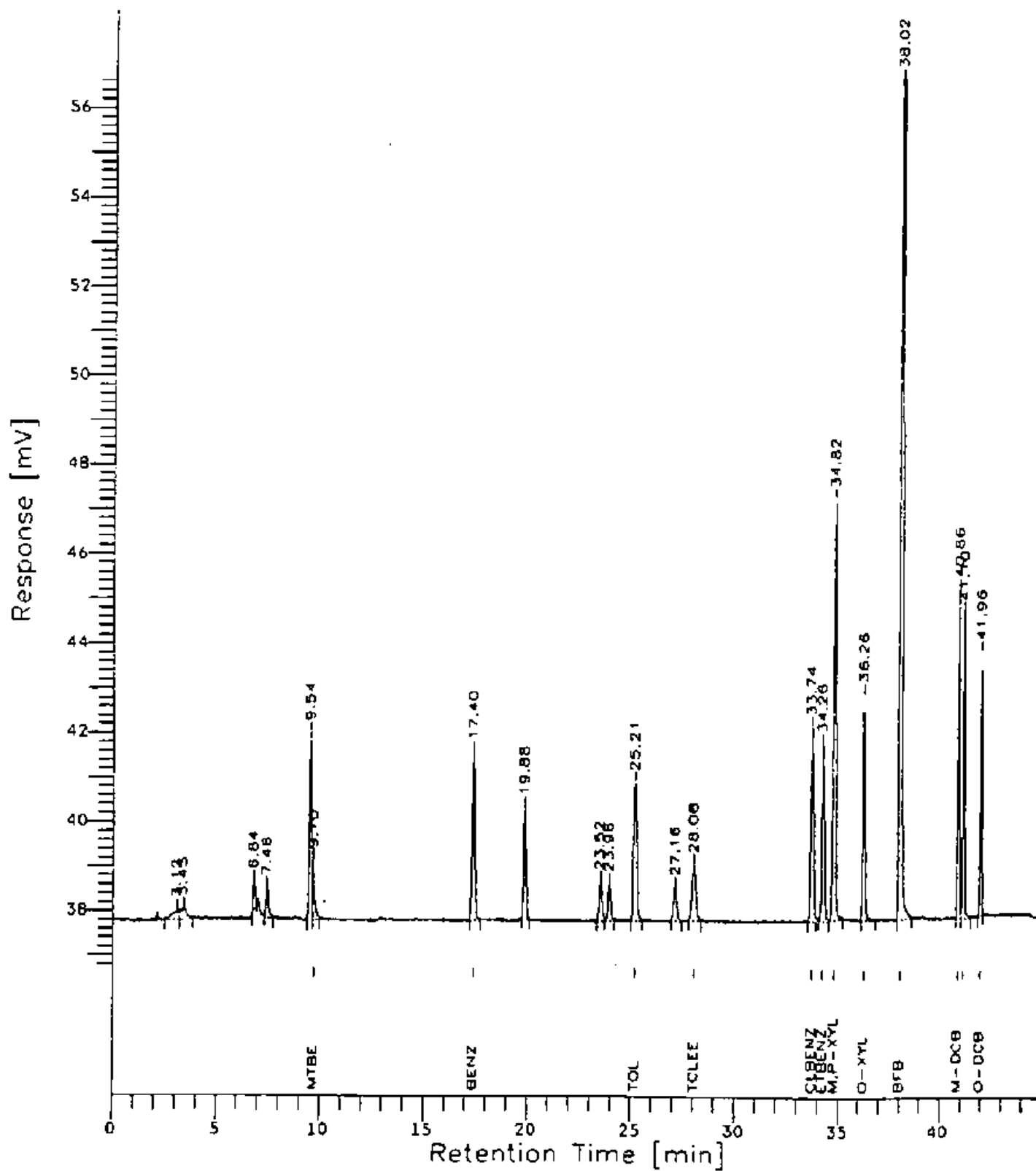
Low Point : 36.73 mV

High Point : 56.73 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



00233

```

=====
Sample Name   : 882088-5           Time       : 11/22/93  7:01 PM
Sample Number : 4                  Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93 12:14 AM
Delay Time       : 0.00 min.
End Time         : 45.00 min.
Sampling Rate    : 2.9412 pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA004.raw
Result File     : D:\2700\BRUCE\X\37WA004.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : 0:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1             ul      Area Reject      : 800.00
Sample Amount   : 1.0000

```

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ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	SL Delta RT [%]
1	2.82	DCDFM	42866 MM	0.26
2	3.32	CH3CL	17154 MM	0.00
3	3.51	VC	199357 MM	0.07
4	4.39	CH3BR	41815 BV	1.15
5	4.62	C2H5CL	190323 VV	-0.00
6	5.26	CCL3F	434812 VB	-0.00
7	7.03	11DCE	415293 BB	0.00
8	8.98	MECL2	532997 BV	-0.00
9	9.73	T12DCE	537106 VB	0.00
10	11.67	11DCE	476418 BB	0.00
11	15.86	CHCL3	664337 BV	-1.13
12	16.13	111TCE	663086 VV	0.00
13	18.59	CCL4	769939 VB	0.00
14	17.98	12DCE	407091 BB	-0.00
15	19.98	TRCLE	606890 BB	-0.00
16	20.92	12DCPA	492861 BB	-0.00
17	22.09	CHCL2BR	460972 BB	0.00
18	23.63	2CEVE	74038 BV	-0.00
19	24.04	CL3DCPE	487177 VB	0.00
20	27.22	T13DCPE	297349 BV	0.00
21	28.16	112TCE+TELEE	1104876 VB	0.00
22	30.52	CHCLBR2	268100 BB	-0.00
23	33.81	CLBENZ	216172 BB	0.00
24	37.00	CHBR3	127730 BB	-0.62
25	38.06	BFB	853645 MM	-0.45
26	38.74	1122TCLEA	265117 MM	-0.29
28	40.88	M-OCB	321110 BV	-0.62
29	41.12	P-OCB	366275 VB	0.00

000234

11663069

000235

Chromatogram

46 241

FileName : D:\2700\BRUCE\K\37W004.raw

Date : 11/22/93 7:01 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

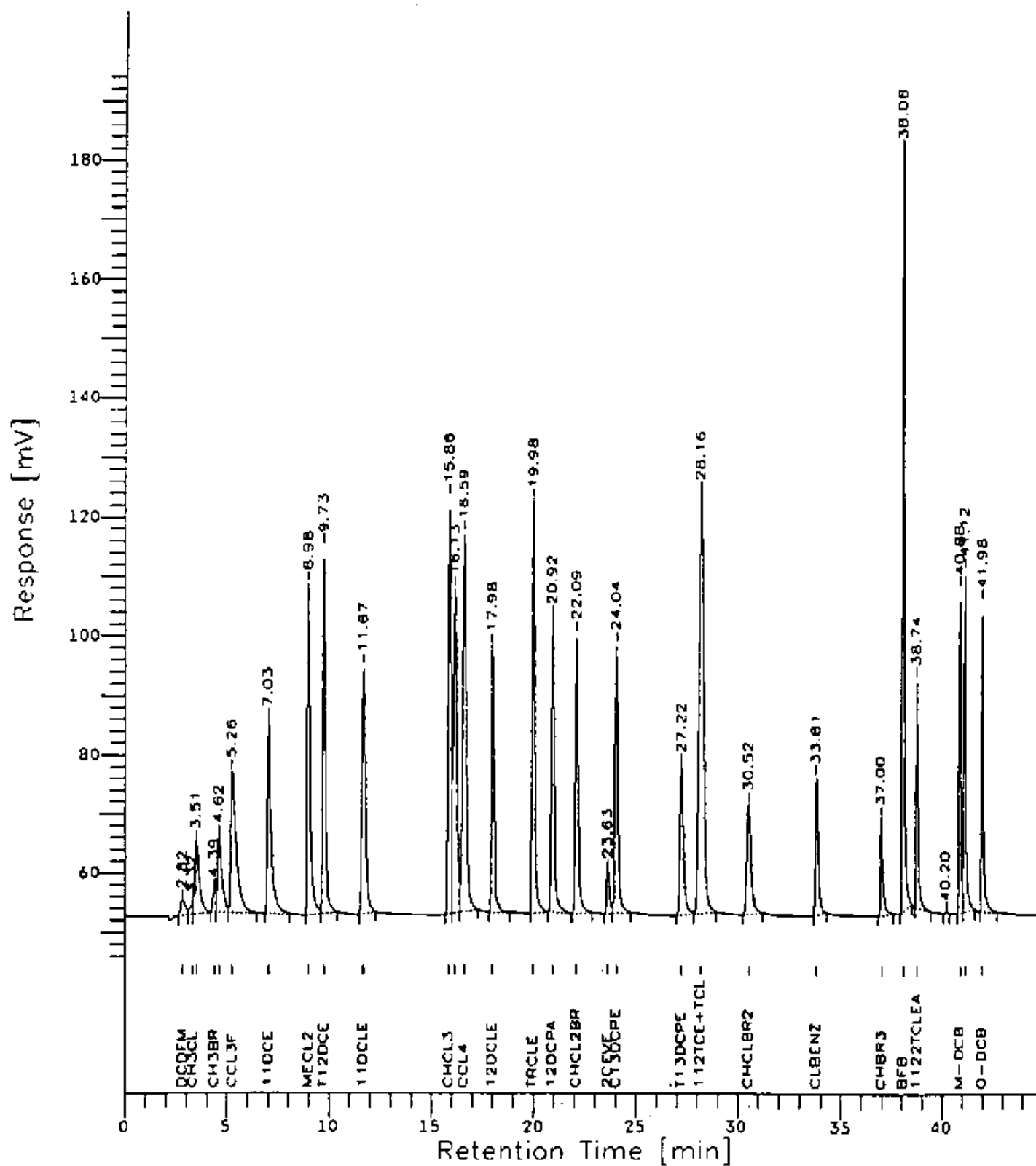
Low Point : 44.40 mV

High Point : 194.40 mV

Scale Factor : -1

Plot Offset : 44 mV

Plot Scale : 150 mV



000236

=====

Sample Name	: 882088-5	Time	: 11/22/93 7:01 PM
Sample Number	: 4	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 12:14 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB004.raw
Result File : D:\2700\BRUCE\X\37WB004.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	BL Delta RT [%]
6	9.81	MTBE	14032 MM	0.00
8	17.47	BENZ	62621 BB	-1.12
12	25.23	TOL	60228 BB	-0.54
14	28.08	TCLEE	31586 BB	-0.46
15	33.77	CLBENZ	66288 BB	-0.13
16	34.28	ETBENZ	59031 BB	-0.12
17	34.83	M,P-XYL	137035 BB	-0.10
18	36.27	O-XYL	61979 BB	-0.08
19	38.02	BFB	469071 BB	-0.07
21	40.84	M-DCB	64909 BV	-0.11
22	41.09	P-DCB	59695 VB	-0.11
23	41.95	O-DCB	50084 BB	-0.09

1136758

000237

Chromatogram

46 243

FileName : D:\2700\BRUCE\374B004.raw

Date : 11/22/93 7:01 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

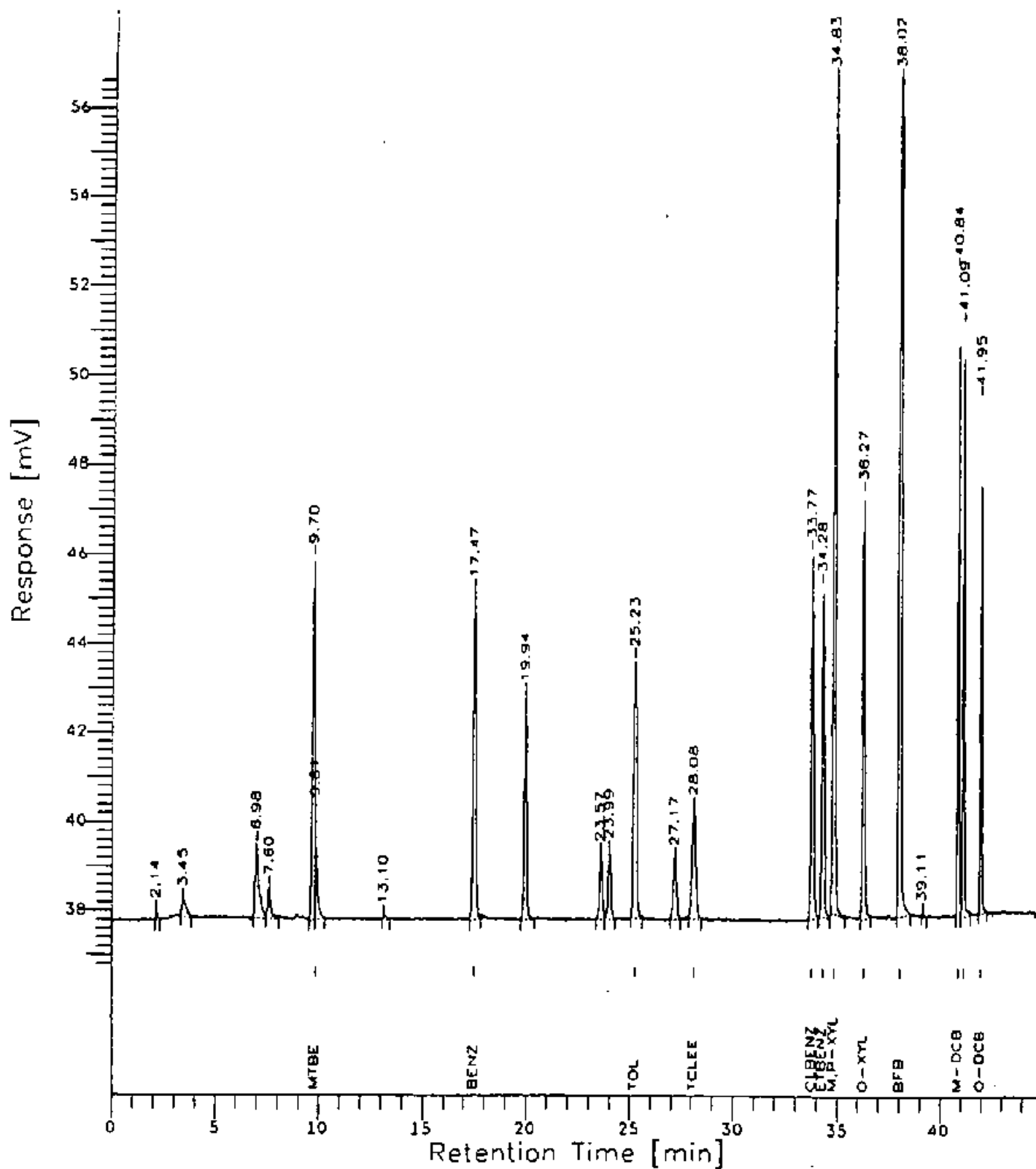
Low Point : 36.73 mV

High Point : 56.73 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000238

```

=====
Sample Name   : 882088-10           Time       : 11/22/93  7:01 PM
Sample Number : 5                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : A       A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  1:19 AM
Delay Time       : 0.00   min.
End Time        : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA005.raw
Result File     : D:\2700\BRUCE\X\37WA005.rst
Instrument File : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ul       Area Reject      : 800.00
Sample Amount  : 1.0000

```

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ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	2.81	DCEFM	112804 BV	-0.34
2	3.26	CH3CL	44619 VV	-1.20
3	3.53	VC	393631 VB	0.39
4	4.43	CH3BR	111621 BV	2.20
5	4.68	C2H5CL	371346 VV	1.10
6	5.34	CCL3F	822548 VB	1.62
7	7.19	11DCE	796399 BB	2.18
8	9.12	MECL2	1053060 BV	1.51
9	9.87	T12DCE	1062614 VB	1.46
10	11.84	11DCLF	999790 BB	1.51
11	16.07	CHCL3	1344887 BV	-0.39
12	16.33	111TCE	1283486 VV	0.00
13	16.79	CCL4	1528530 VB	0.00
14	18.16	12DCLF	798274 BB	1.01
15	20.13	TRELE	1174989 BB	0.77
16	21.06	12DCPA	901918 BB	0.68
17	22.22	CHCL2BR	872399 BB	0.59
18	23.75	2CEVE	164321 BV	-1.20
19	24.17	C13DCPE	819463 VB	0.00
20	27.34	T13DCPE	549133 BV	0.44
21	28.30	112TCE+TCL2E	2063230 VB	0.00
22	30.63	CHCLBR2	514735 BB	0.37
23	33.85	CLBENZ	438348 BB	0.12
24	37.03	CHBR3	256700 BB	-0.56
25	38.08	BFB	745369 HH	-0.37
26	38.78	1122TCL2A	474059 HH	-0.20
28	40.92	M-DCB	593508 BV	-0.50
29	41.16	P-DCB	630893 VB	0.00

21516856

000240

Chromatogram

FileName : D:\2700\BRUCE\X\374A005.raw

Start Time : 0.00 min

End Time : 45.00 min

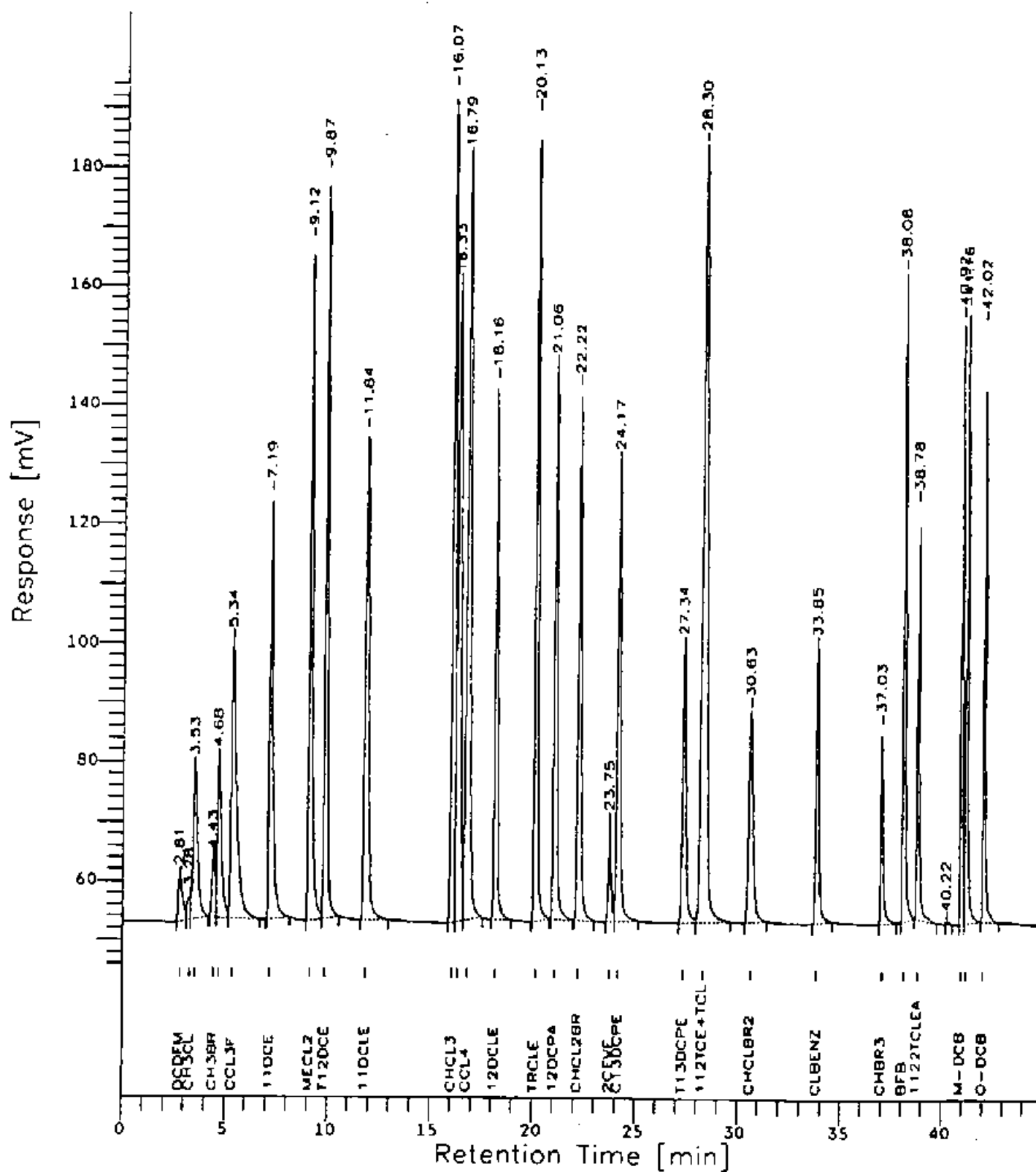
Scale Factor : -1

Plot Offset: 45 mV

Date : 11/22/93 7:01 PM

Low Point : 45.21 mV

Plot Scale: 150 mV

Page 1 of 1
High Point : 195.21 mV

000241

```

=====
Sample Name   : 882088-10           Time       : 11/22/93  7:02 PM
Sample Number : 5                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : B       A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  1:19 AM
Delay Time       : 0.00   min.
End Time        : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WB005.raw
Result File     : D:\2700\BRUCE\X\37WB005.rst
Instrument File : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGB.prc
Sample File     : D:\2700\BRUCE\MEGB.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ML       Area Reject       : 500.00
Sample Amount   : 1.0000

```

```

=====
                        PID REPORT
=====

```

```

30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	SL Delta RT [%]
6	9.97	MTBE	30624 BB	0.00
7	17.67	BENZ	126149 BB	-0.00
11	25.37	TOL	118793 BB	0.00
13	28.21	TCLEE	62390 BB	-0.00
14	33.81	CLBENZ	130825 BB	0.00
15	34.32	ETBENZ	116103 BB	0.00
16	34.86	M,P-XYL	285799 BB	0.00
17	36.30	O-XYL	123306 BB	0.00
18	38.05	BFB	428484 BB	-0.00
19	40.89	M-DCB	131732 BV	-0.00
20	41.13	P-DCB	116693 VB	-0.00
21	41.99	O-DCB	99692 BB	0.00

```

1770788

```

000242

Chromatogram

46 248

Filename : D:\2700\BRUCE\X\3746005.raw

Date : 11/22/93 7:02 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

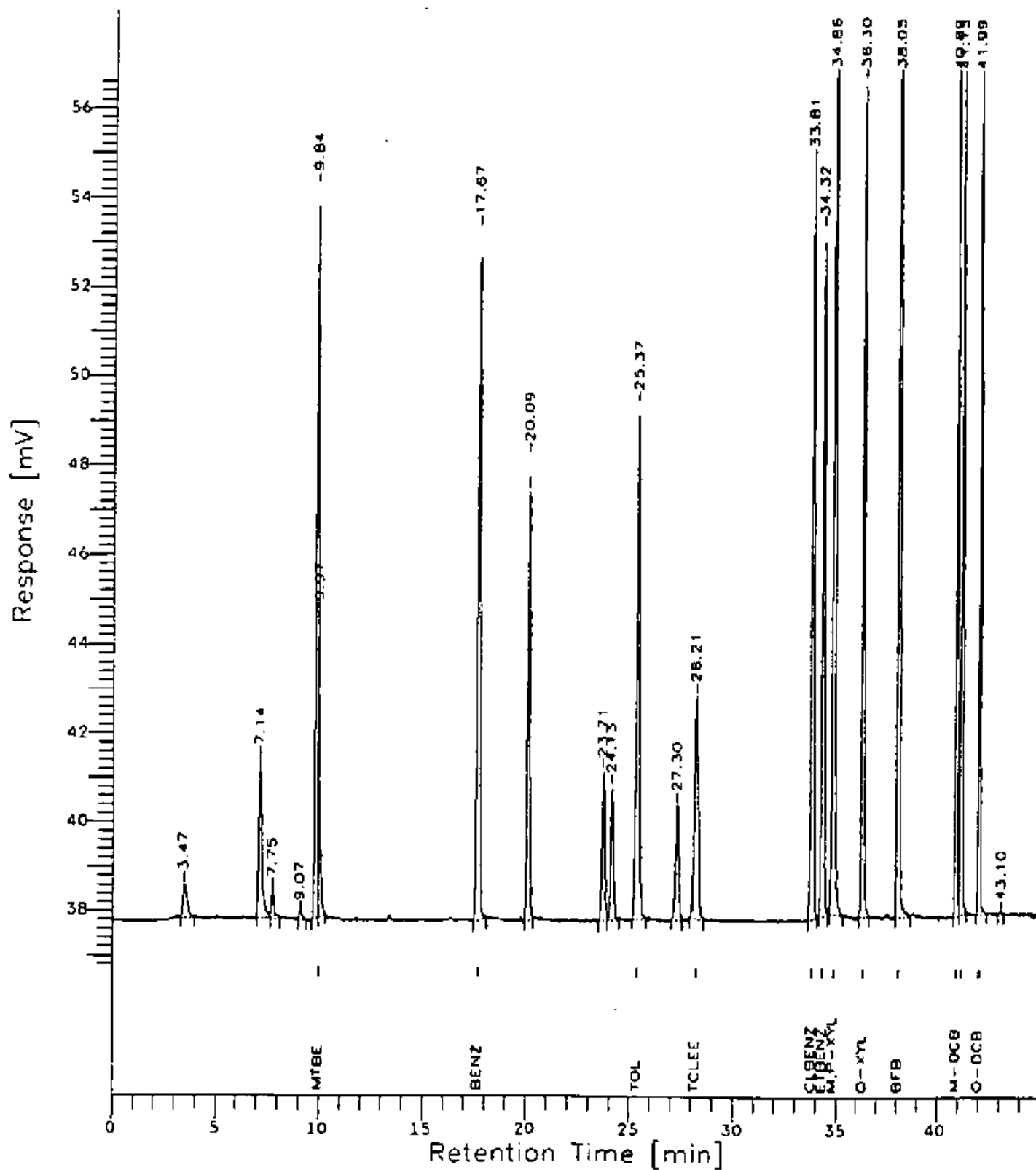
Low Point : 36.74 mV

High Point : 56.74 mV

Scale Factor : -1

Plot Offset : 37 mV

Plot Scale : 20 mV



000243

=====

Sample Name : 882088-25	Time : 11/22/93 7:03 PM
Sample Number: 6	Study :
Operator :	

Interface # : 5 Channel : A A/D mV Range : 10000
 AutoSampler : None attached
 Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 2:23 AM
 Delay Time : 0.00 min.
 End Time : 45.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA006.raw
 Result File : D:\2700\BRUCE\X\37WA006.rst
 Instrument File: D:\2700\BRUCE\MEGA.ins
 Process File : D:\2700\BRUCE\MEGA.prc
 Sample File : D:\2700\BRUCE\MEGA.smp
 Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 800.00
 Sample Amount : 1.0000

=====

ELCD REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [UV-sec]	BL Delta RT [%]
1	2.77	OCDPM	654245 BV	-1.75
2	3.28	CH3CL	173076 VV	-1.20
3	3.53	VC	1362422 VB	0.39
4	4.43	CH3BR	392929 BV	2.20
5	4.70	C2H5CL	1144804 VV	1.59
6	5.38	CCL3F	2271059 VB	2.26
7	7.23	11DCE	2010515 BB	0.55
8	9.17	MECL2	2563627 BB	0.56
9	9.96	T12DCE	2527463 BB	0.86
10	12.00	11DCLF	2426672 BB	2.82
11	16.18	CHCL3	3327048 BV	-0.94
12	16.44	111TCE	3003088 VV	0.00
13	16.88	CCL4	3680609 VB	0.57
14	18.23	12DCLF	2003079 BB	1.42
15	20.17	TRCLE	2954039 BB	0.97
16	21.09	12DCPA	2288010 BB	0.81
17	22.26	CHCL2BR	2277482 BB	0.77
18	23.80	2CEVE	530632 BV	0.22
19	24.22	C13DCPE	2312421 VB	0.21
20	27.40	T13DCPE	1609713 BV	0.67
21	28.36	112TCE+TCLEE	5442833 VB	0.00
22	30.66	CHCLBR2	1429210 BB	0.11
23	33.87	CLBENZ	1198732 BE	0.17
25	37.04	CHBR3	743563 BB	-0.53
26	38.11	BFB	806184 BB	-0.31
27	38.79	1122TCLEA	1203926 BB	-0.16
29	40.94	M-DCB	1587224 BV	0.00
30	41.19	P-DCB	1680433 VB	0.00

31 42.05 O-DCB

1556075 BB 0.06

46 250

55161116

000245

Chromatogram

FileName : D:\2700\BRUCE\X\37W0006.raw

Start Time : 0.00 min

End Time : 45.00 min

Scale Factor: -1

Plot Offset: 45 mV

Date : 11/22/93 7:03 PM

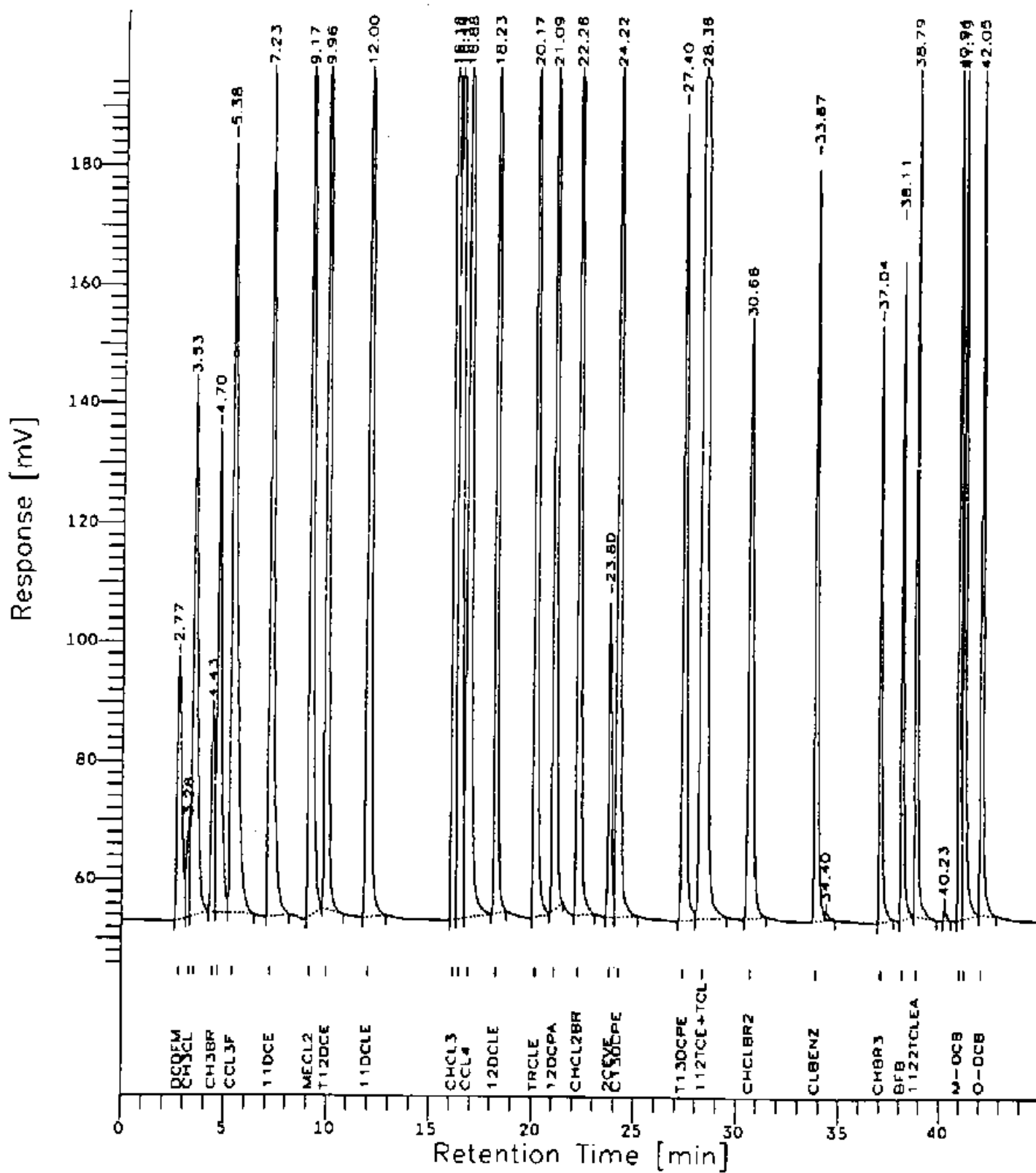
Low Point : 45.31 mV

Plot Scale: 150 mV

46 251

Page 1 of 1

High Point : 195.31 mV



000246

=====

Sample Name	: 882088-25	Time	: 11/22/93 7:06 PM
Sample Number	: 6	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 2:23 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB006.raw
Result File : D:\2700\BRUCE\X\37WB006.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
6	10.03	MTBE	83045 MM	0.00
8	17.75	BENZ	353321 BB	0.45
12	25.43	TOL	337596 BB	0.25
14	28.28	TCLEE	171039 BB	0.24
15	33.83	CLBENZ	377274 BB	0.05
16	34.34	ETBENZ	331521 BB	0.05
17	34.86	M,P-XYL	621092 BB	0.05
18	36.31	O-XYL	361270 BB	0.05
20	38.07	BFB	431844 BB	0.06
21	40.91	M-OCB	380765 BB	0.06
22	41.16	P-OCB	334842 BB	0.06
23	42.01	O-OCB	294814 BB	0.05

4278525

000247

Chromatogram

46 253

Filename : D:\2700\BRUCE\X\37MB006.raw

Date : 11/22/93 7:06 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

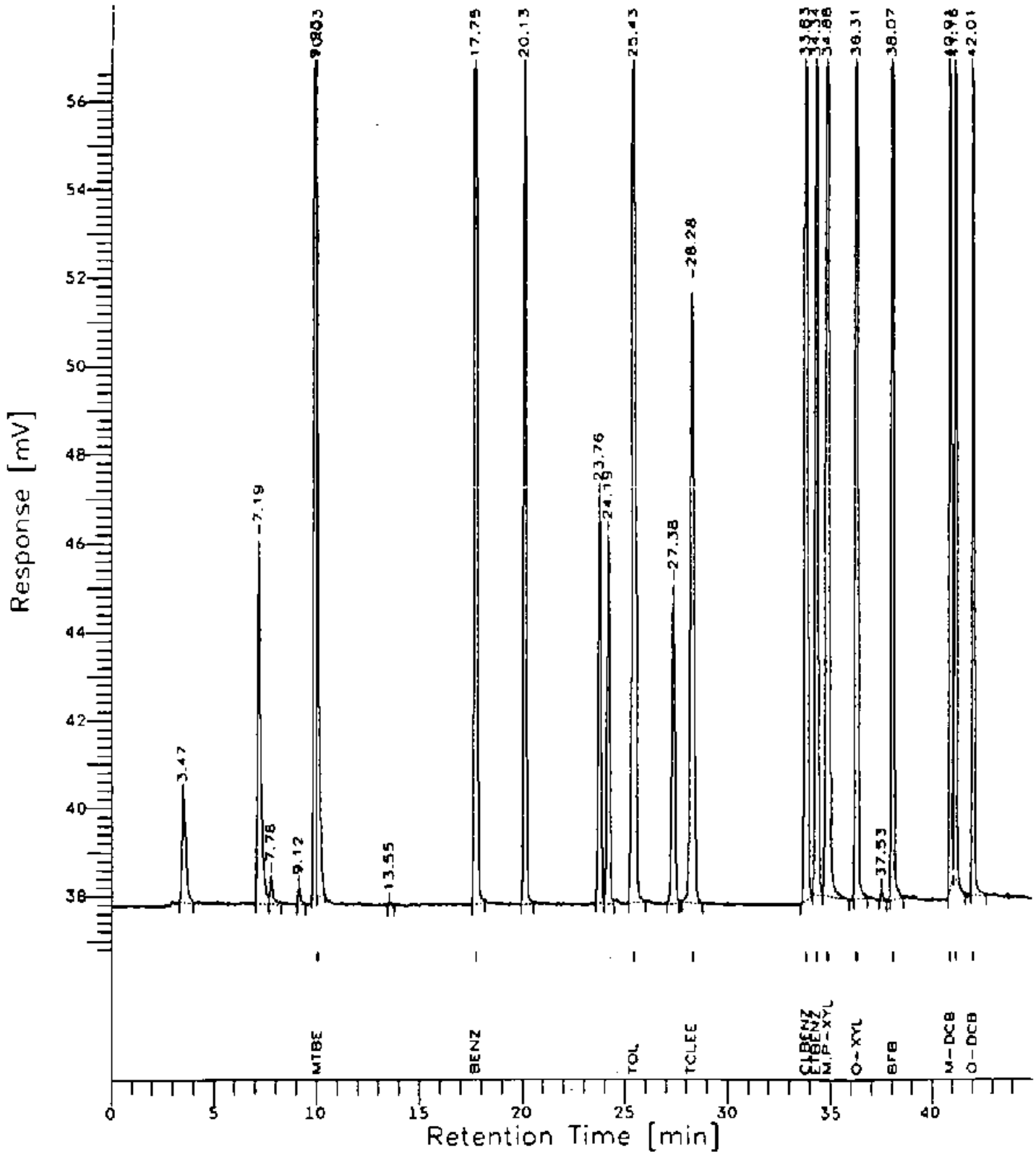
Low Point : 36.74 mV

High Point : 56.74 mV

Scale Factor : -1

Plot Offset : 37 mV

Plot Scale : 20 mV



000248

```

=====
Sample Name   : 882088-50           Time       : 11/22/93  7:08 PM
Sample Number : 7                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  3:26 AM
Delay Time      : 0.00 min.
End Time        : 45.00 min.
Sampling Rate   : 2.9412 pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA007.raw
Result File     : D:\2700\BRUCE\X\37WA007.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ul           Area Reject      : 800.00
Sample Amount   : 1.0000

```

```

=====
ELCD REPORT
=====

```

```

=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	2.78	DCDFH	1475282 BV	-1.35
2	3.26	CH3CL	452940 VV	-1.71
3	3.56	VC	2799482 VB	1.36
4	4.47	CH3BR	968975 BV	-3.31
5	4.75	C2H5CL	2325830 VV	0.00
6	5.43	CCL3F	4794152 VB	3.23
7	7.32	11DCE	4569600 BB	1.89
8	9.26	MECL2	5317313 BB	1.55
9	10.06	T12DCE	5326811 BB	1.89
10	12.12	11DCLF	5144664 BB	3.84
12	16.27	CHCL3	6941387 BV	-1.03
13	16.54	111TCE	6322636 VV	0.00
14	16.96	CCL4	7600418 VB	0.00
15	18.30	12DCLF	4212260 BB	1.83
16	20.22	TRCLE	5877744 BB	1.25
17	21.14	12DCPA	4718838 BB	1.08
18	22.30	CHCL2BR	4646918 BB	0.96
19	23.83	2CEVE	1112018 BV	0.33
20	24.25	C13DCE	4837741 VB	0.33
21	27.43	T13DCE	3387013 BV	0.75
22	28.37	112TCE+TCLEE	10978314 VB	0.00
23	30.70	CHCLER2	3153587 BB	0.24
25	33.89	CLBENZ	2492792 BE	0.00
27	37.04	CHBR3	1689429 BB	-0.52
28	38.10	BFB	809373 MM	-0.33
29	38.79	1122TCLEA	2595827 BE	-0.16
32	40.93	n-DCB	3269227 BV	-0.03
33	41.18	p-DCB	3457242 VB	0.00

000249

114480656

000250

Chromatogram

FileName : D:\2700\BRUCE\37WA007.raw

Date : 11/22/93 7:08 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

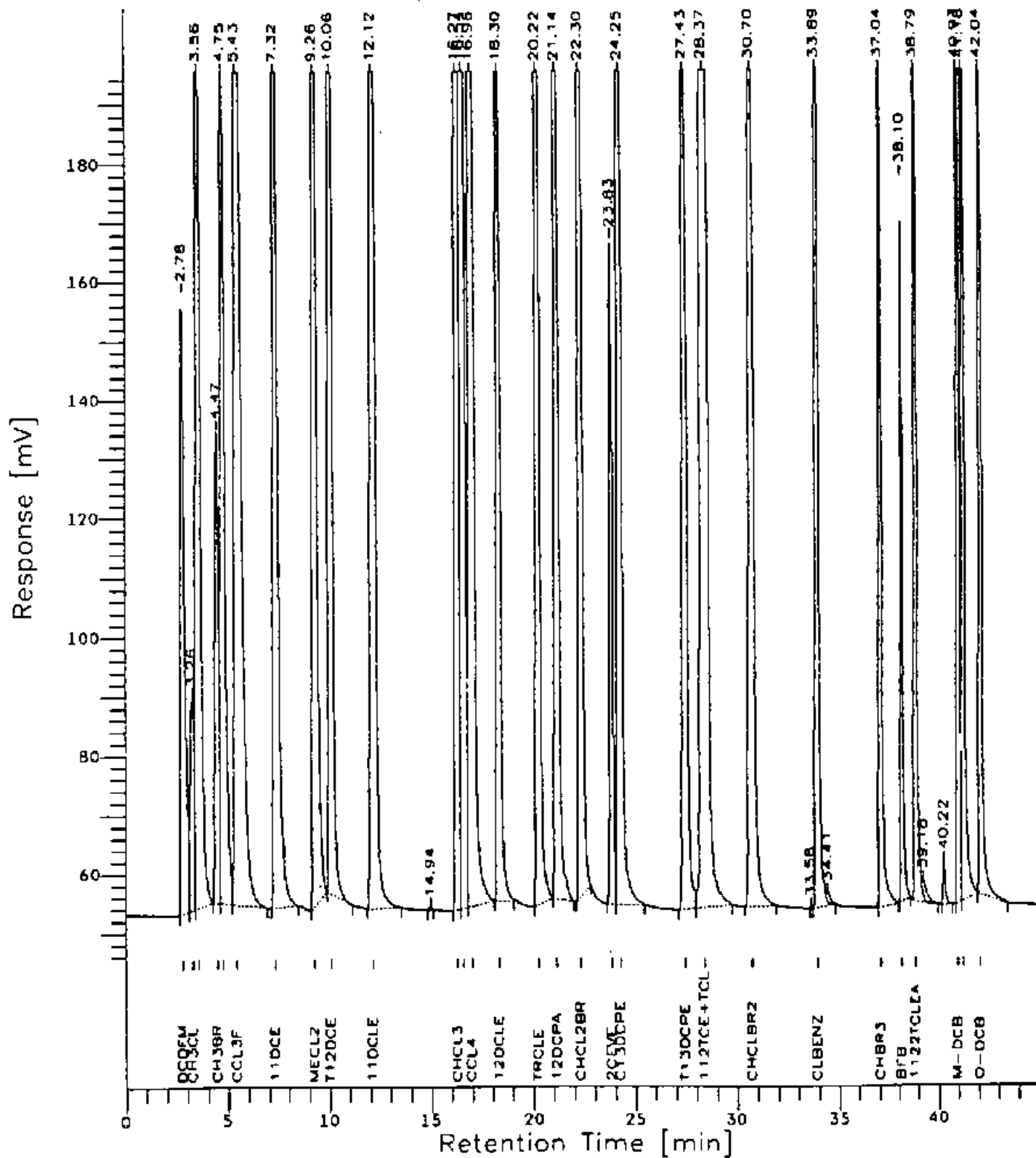
Low Point : 45.46 mV

High Point : 195.46 mV

Scale Factor : -1

Plot Offset : 46 mV

Plot Scale : 150 mV



000251

```

=====
Sample Name   : 882088-50           Time       : 11/22/93  7:10 PM
Sample Number : 7                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : B           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  3:26 AM
Delay Time       : 0.00   min.
End Time        : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WB007.raw
Result File     : D:\2700\BRUCE\X\37WB007.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGB.prp
Sample File     : D:\2700\BRUCE\MEGB.smp
Sequence File   : D:\2700\BRUCE\X\CODM1117.seq

```

```

Inj. Volume     : 1           ML           Area Reject       : 500.00
Sample Amount   : 1.0000

```

```

=====
                          PID REPORT
=====

```

```

30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
8	10.15	MTBE	151180 MM	0.00
12	17.82	BENZ	809751 BB	0.87
17	25.45	TOL	793627 BB	0.31
19	28.29	TCLEE	394602 BB	0.30
20	33.86	CLBENZ	870342 BB	0.13
21	34.36	ETBENZ	763106 BB	0.12
22	34.90	M,P-XYL	1810204 BB	0.11
23	36.33	O-XYL	827788 BB	0.09
25	38.07	BFB	437322 BV	0.06
27	40.90	M-DCB	852269 BB	0.03
28	41.15	P-DCB	752335 BB	0.03
29	42.00	O-DCB	669586 BB	0.03

```

9132112

```

Chromatogram

FileName : D:\2700\BRUCE\X\3748007.raw

Date : 11/22/93 7:10 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

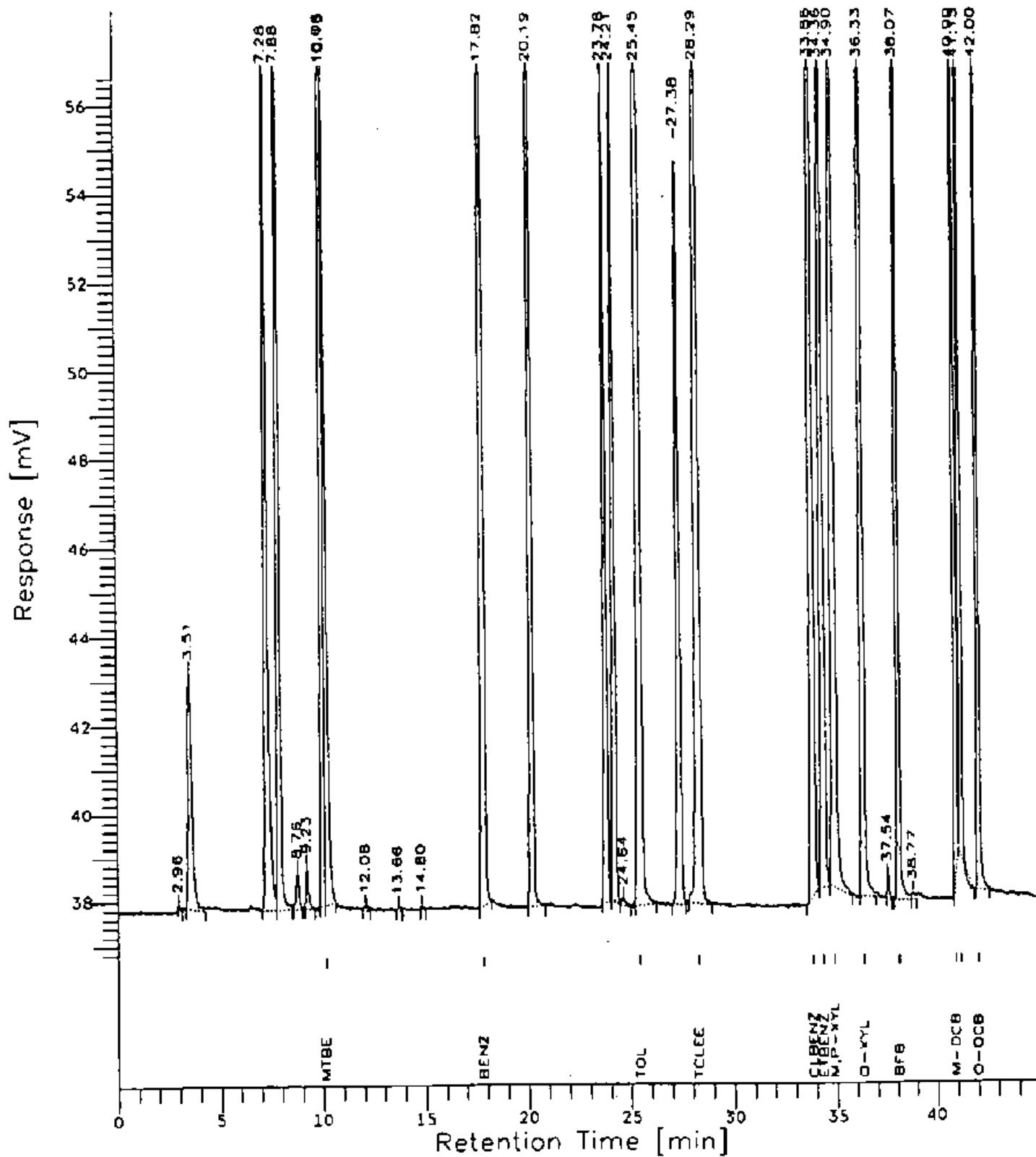
Low Point : 35.71 mV

High Point : 56.71 mV

Scale Factor : -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000253

```

=====
Sample Name   : 882088-100
Sample Number : 8
Operator      :
Time          : 11/22/93  7:11 PM
Study         :

```

```

Interface #   : 5           Channel : A       A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  4:27 AM
Delay Time       : 0.00   min.
End Time        : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA008.raw
Result File     : D:\2700\BRUCE\X\37WA008.rst
Instrument File : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ul      Area Reject      : 800.00
Sample Amount  : 1.0000

```

ELCD REPORT

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=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret. Time [min]	Component Name	Area [UV-sec]	BL	Delta RT [%]
1	2.79	DCDFM	2911920	BV	-0.95
2	3.32	CH3CL	815027	VV	-0.17
3	3.57	VC	5512955	VB	1.68
4	4.51	CH3BR	1948054	BV	0.76
5	4.78	C2H5CL	4532715	VV	0.72
6	5.51	CCL3F	9272014	VB	1.46
7	7.43	11DCE	9341225	BB	3.39
8	9.37	MECL2	10033546	BB	2.80
9	10.18	T12DCE	9500226	BB	3.10
10	12.25	11DCE	9849433	BB	5.00
11	15.01	C12DCE	15035	BB	0.00
13	16.39	CHCL3	11223093	BV	-0.86
14	16.65	111TCE	11863074	VV	0.00
15	17.08	CCL4	13192679	VB	0.70
16	18.41	12DCE	8060182	BE	0.56
18	20.34	TRELE	9795622	BB	0.59
19	21.28	12DPA	8980669	BE	0.54
21	22.42	CHCL2BR	8954713	BB	0.51
22	23.93	2CEVE	2058341	BV	0.00
23	24.34	C13DCE	9050154	VB	0.40
24	27.50	T13DCE	6365671	BB	0.00
25	28.45	112TCE+TCLE	17590664	BB	0.28
26	30.76	CHCLBR2	6041923	BB	0.43
28	33.93	CLBENZ	5046514	BE	0.12
30	37.06	CHBR3	3293798	MM	-0.47
31	38.11	BFB	826368	MM	-0.31
32	38.79	1122TCLEA	4880232	BE	-0.18
35	40.91	H-OCB	5789419	BV	-0.07

000254

36 41.15 P-OCB
37 42.01 O-OCB

5990114 VB 0.00
5709073 BB -0.00

46 260

200464672

000255

Chromatogram

46 261

FileName : 0:\2700\BRUCE\X\374008.raw

Date : 11/22/93 7:11 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

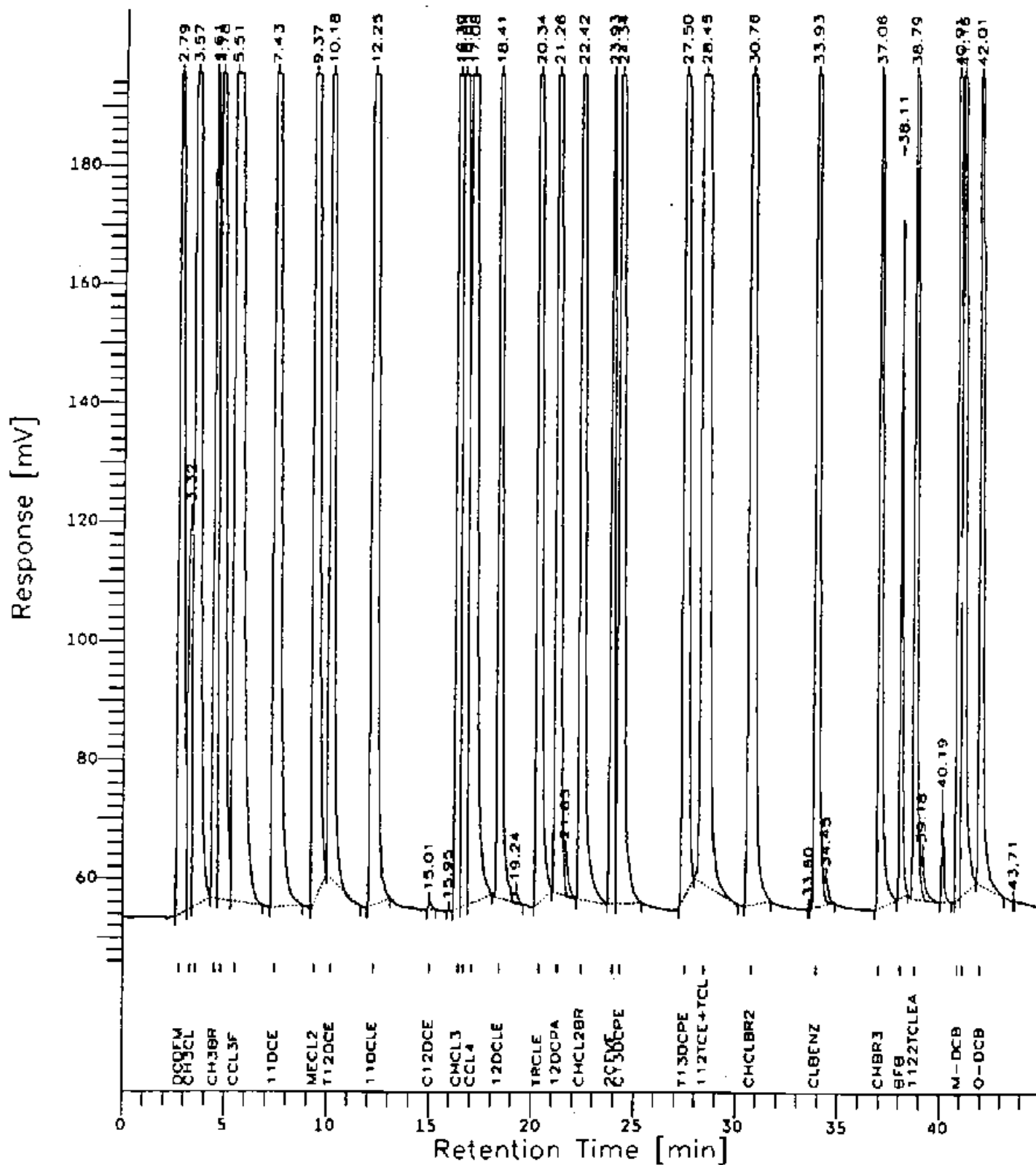
Low Point : 45.53 mV

High Point : 195.53 mV

Scale Factor : -1

Plot Offset: 46 mV

Plot Scale: 150 mV



=====

Sample Name	: 882088-100	Time	: 11/22/93 7:13 PM
Sample Number	: 8	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 4:27 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB008.raw
Result File : D:\2700\BRUCE\X\37WB008.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	BL Delta RT [%]
9	10.34	MTBE	325436 MM	0.00
15	17.93	BENZ	1739396 BB	1.48
21	25.55	TOL	1662947 BB	0.69
23	28.37	TCLEE	836793 BB	0.56
24	33.90	CLBENZ	1814228 BB	0.25
25	34.40	ETBENZ	1588871 BB	0.22
26	34.94	M,P-XYL	3618212 BB	0.21
27	36.35	O-XYL	1687590 BB	0.16
29	38.07	BFB	427513 BB	0.06
32	40.87	M-OCB	1624388 BB	-0.03
33	41.12	P-OCB	1475879 BB	-0.03
34	41.97	O-OCB	1307878 BB	-0.04

18109130

000257

Chromatogram

46 263

FileName : D:\2700\BRUCE\X\3748008.raw

Date : 11/22/93 7:13 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

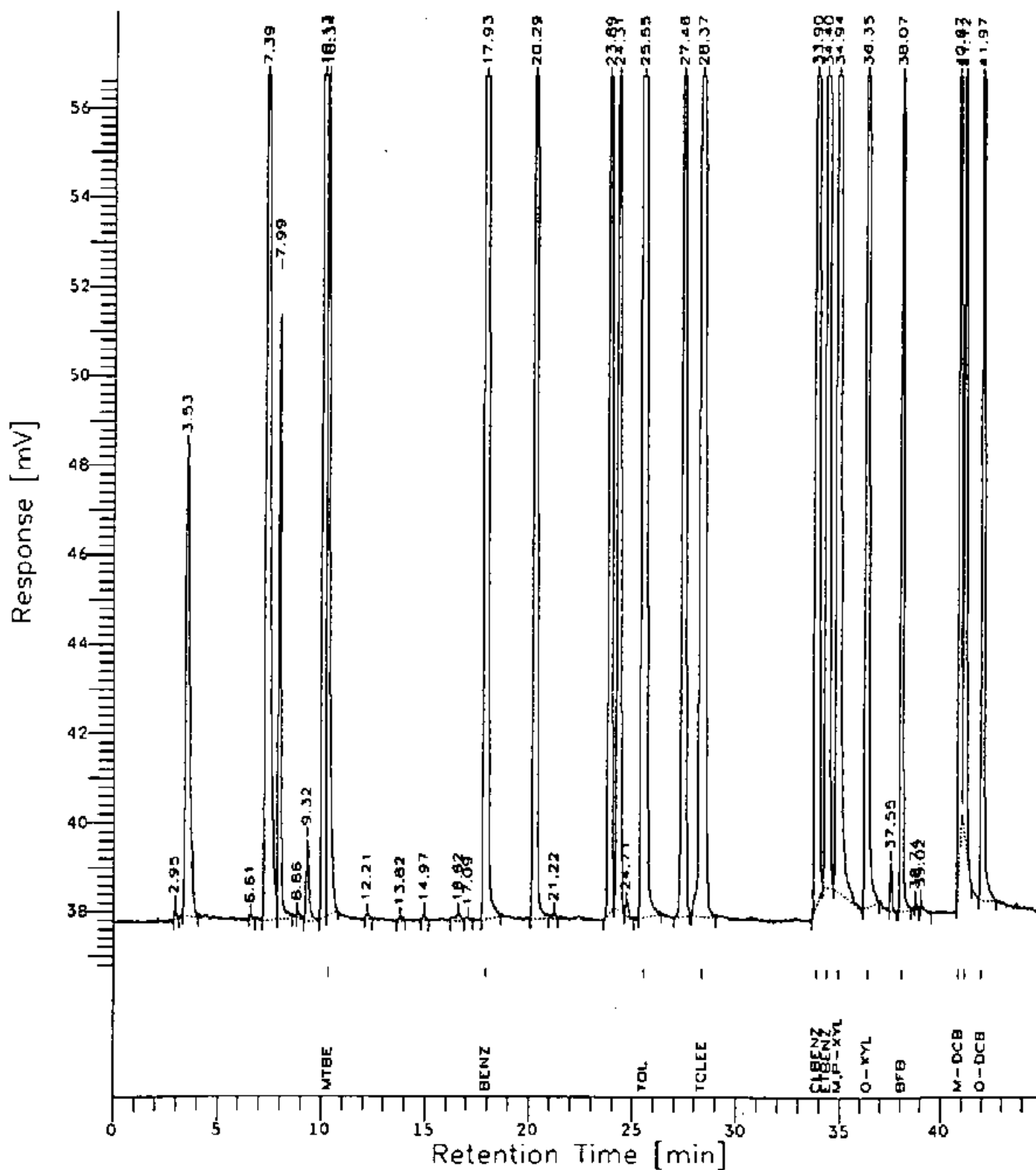
Low Point : 36.74 mV

High Point : 56.74 mV

Scale Factor : -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000258


```

=====
Sample Name   : ICY*1117B*1           Time       : 11/22/93  7:15 PM
Sample Number : 9                     Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  5:28 AM
Delay Time      : 0.00   min.
End Time        : 45.00   min.
Sampling Rate   : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA009.raw
Result File     : D:\2700\BRUCE\X\37WA009.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDOM1117.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 800.00
Sample Amount   : 1.0000

```

ELCD REPORT

```

=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	7.49	11DCE	1676084 BB	0.64
2	9.47	MECL2	2050277 BB	1.03
3	10.32	T12DCE	2084428 BB	1.39
4	12.51	11DCLE	2214786 BB	2.08
5	15.20	C12DCE	2604 BB	-0.67
6	16.78	111TCE	2341017 BV	0.00
7	17.19	CCL4	2607031 VB	0.66
8	18.50	12DCLE	1576706 BB	1.05
9	20.38	TRCLE	2380932 BB	0.79
10	21.31	12DCPA	1850567 BB	0.24
11	22.51	CHCL2BR	4677 BB	0.43
12	24.40	C13DCPE	1804122 BB	0.23
13	27.58	T13DCPE	1192115 BB	0.29
14	28.53	112TCE+TCLE	4289624 BB	0.58
15	30.91	CHCLBR2	5158 BB	0.46
16	33.96	CLBENZ	903691 BB	0.20
17	37.11	CHBR3	12998 BB	-0.35
18	38.14	BFB	811050 BB	-0.22
19	38.82	1122TCLEA	971434 BB	-0.09
21	40.95	M-DCB	1308342 BV	0.03
22	41.20	P-DCB	1397368 VB	0.00
23	42.06	O-DCB	1271600 BB	0.11

32956610

000259

Chromatogram

FileName : D:\2700\BRUCE\X\3744009.raw

Date : 11/22/93 7:15 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

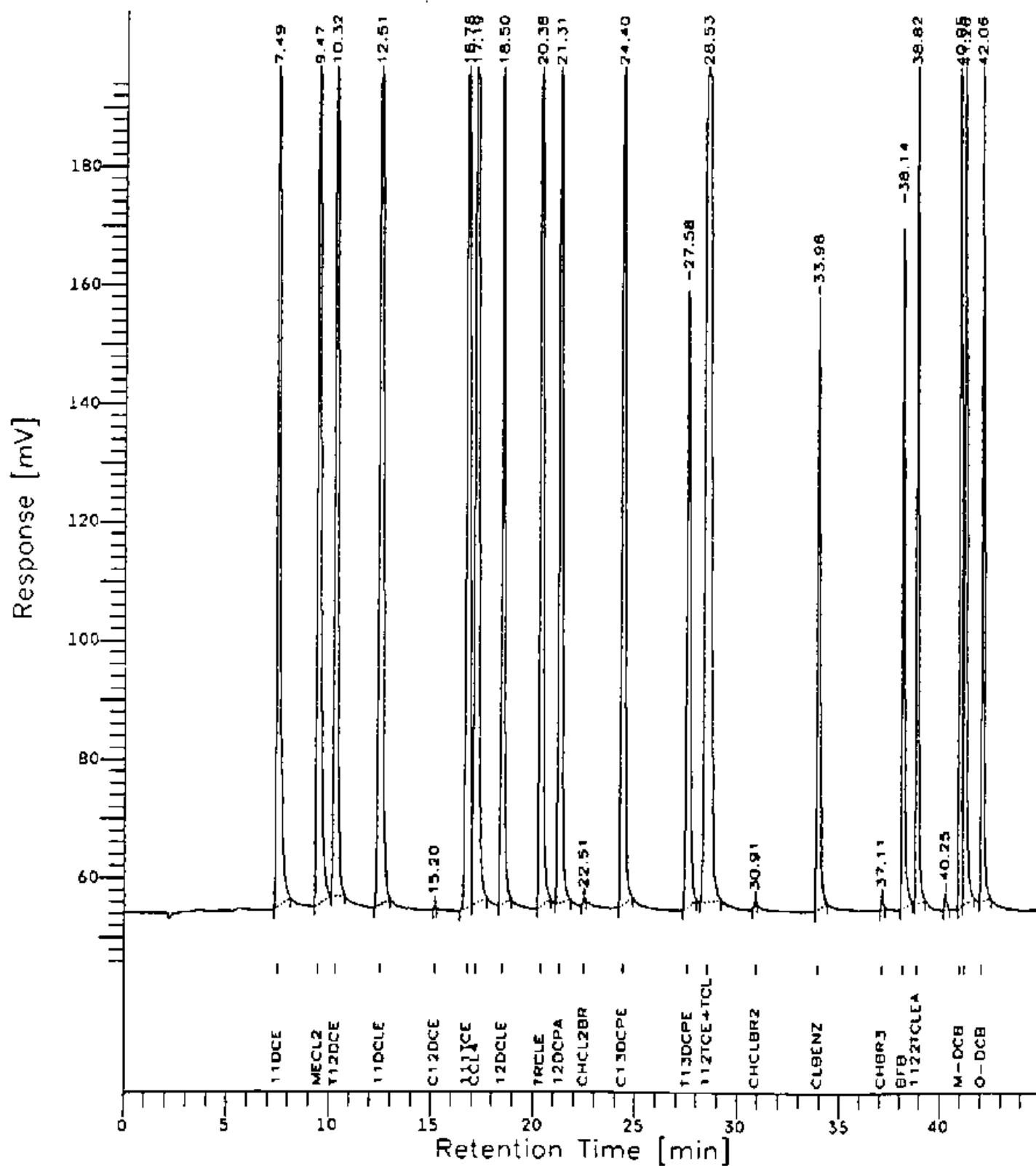
Low Point : 45.52 mV

High Point : 195.52 mV

Scale Factor : -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000260

=====

Sample Name	: ICV*1117B*1	Time	: 11/22/93 7:16 PM
Sample Number	: 9	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 5:28 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB009.raw
Result File : D:\2700\BRUCE\X\37WB009.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	BL	Delta RT [%]
7	10.29	MTBE	228443	BB	-0.54
10	18.04	BENZ	290850	BB	0.60
15	25.60	TOL	263728	BB	0.72
17	28.45	TOLLE	133430	BB	0.29
18	33.92	CLBENZ	297840	BB	0.32
19	34.42	ETBENZ	257394	BB	0.28
20	34.95	M,P-XYL	8286	BB	0.26
21	36.36	O-XYL	2662	BB	0.19
22	38.10	BFB	435489	BB	0.13
23	40.93	M-OCB	307940	BB	0.10
24	41.17	P-OCB	278263	BB	0.08
25	42.02	O-OCB	237160	BB	0.08

2741483

000261

Chromatogram

46 267

FileName : D:\2700\BRUCE\1\37M0009.raw

Date : 11/22/93 7:16 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

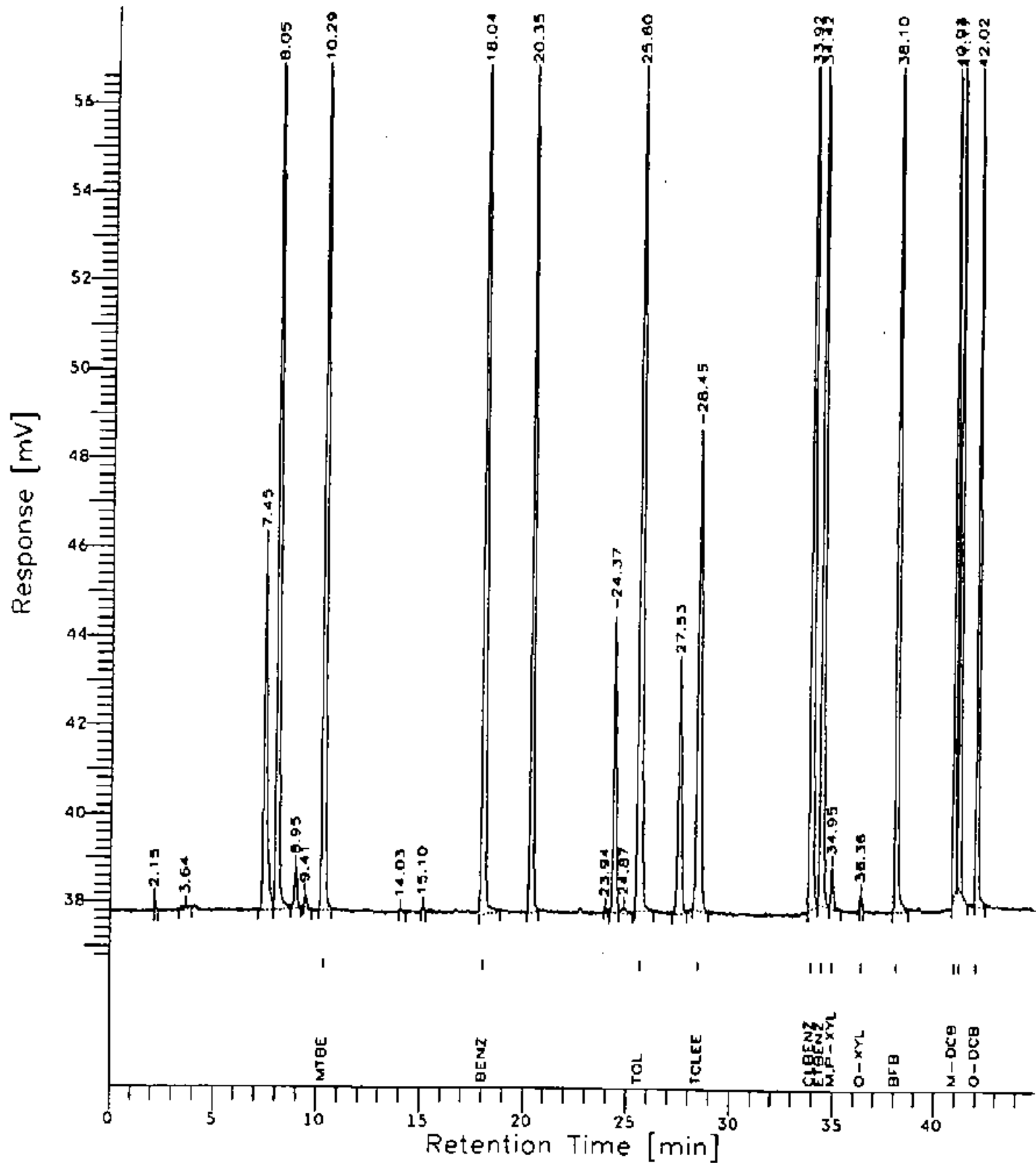
Low Point : 36.72 mV

High Point : 56.72 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



=====

Sample Name	: CDDMTWD*1	Time	: 11/22/93 7:41 PM
Sample Number	: 10	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 6:29 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA010.raw
Result File : D:\2700\BRUCE\X\37WA010.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

=====

ELCD REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time (min)	Component Name	Area [UV-sec]	BL Delta RT [%]

1	38.15	BFB	737802 MM	-0.19
2	38.85	11227CLEA	10350 MM	-0.03

748152

Chromatogram

FileName : D:\2700\BRUCE\X\3744010.raw

Date : 11/22/93 7:41 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

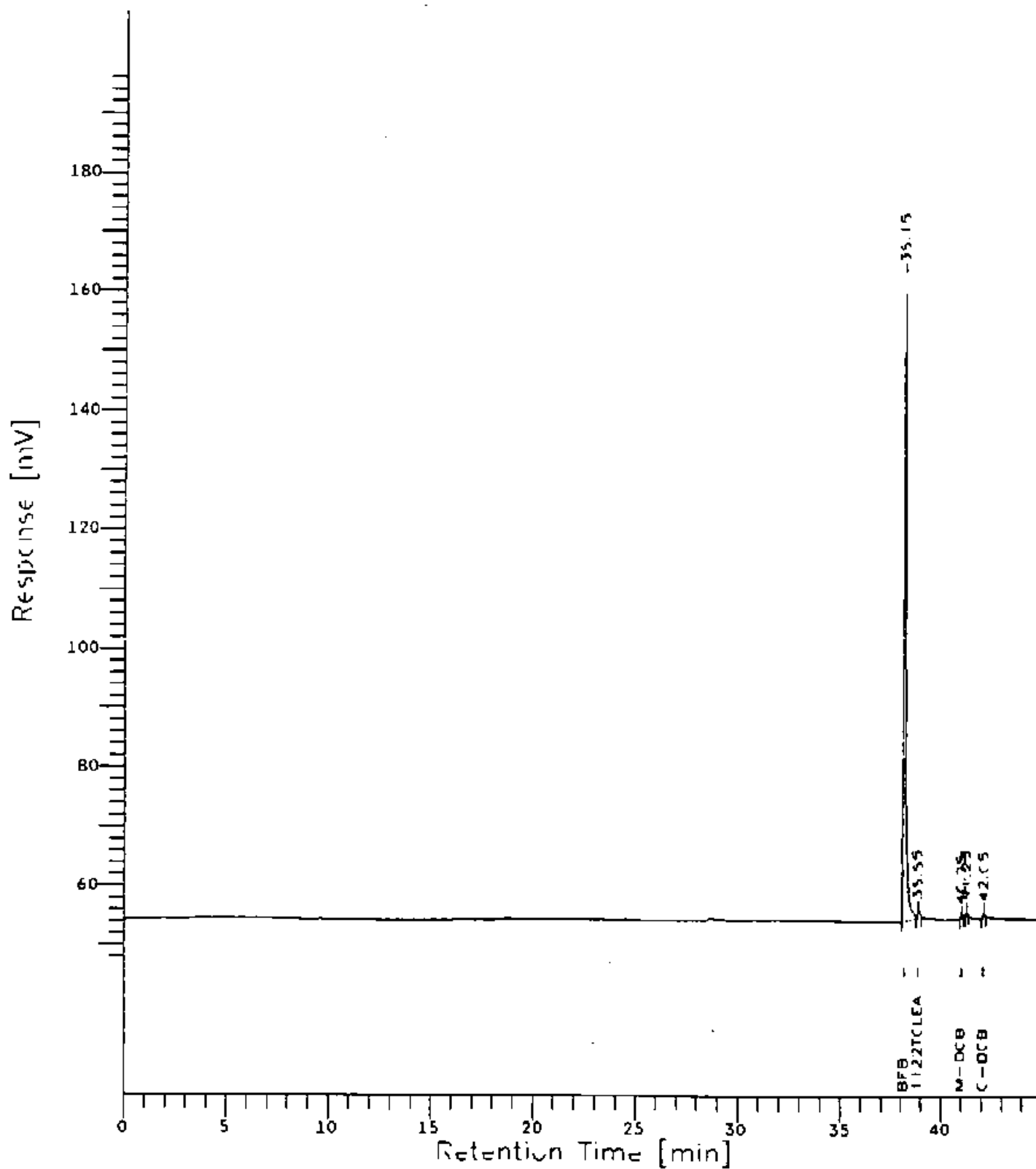
Low Point : 46.36 mV

High Point : 196.36 mV

Scale Factor: -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000264

=====

Sample Name	: CDDMTWO*1	Time	: 11/22/93 7:41 PM
Sample Number	: 10	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 6:29 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB010.raw
Result File : D:\2700\BRUCE\X\37WB010.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
4	25.65	TOL	1010 BB	0.42
5	38.11	BFB	444932 BB	0.16
6	40.91	M-OCB	1452 BB	0.07
7	42.02	O-OCB	1948 BB	0.06

449392

000265

Chromatogram

46 271

FileName : D:\2700\BRUCE\X\J74B010.raw

Date : 11/22/93 7:41 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

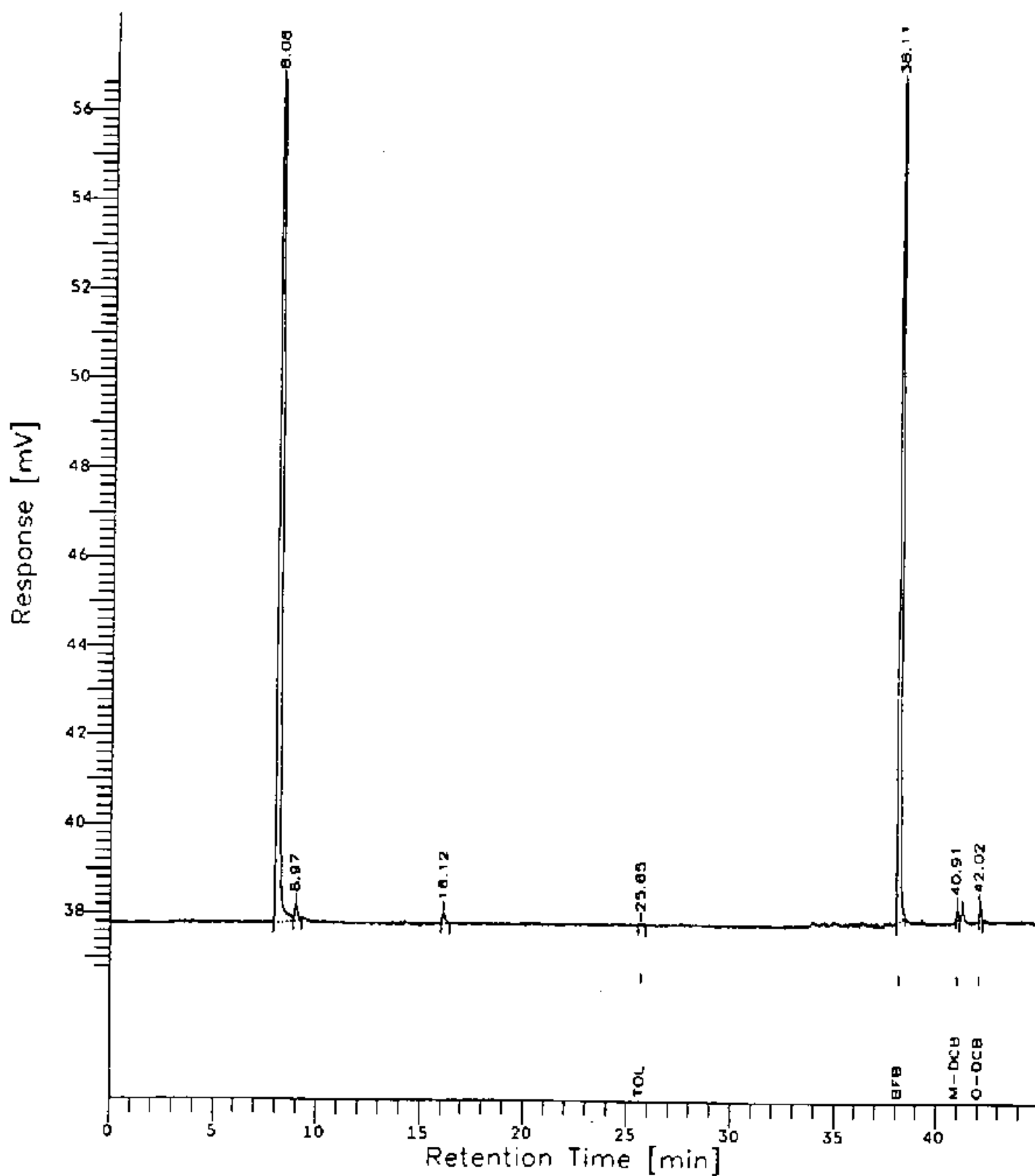
Low Point : 36.71 mV

High Point : 56.71 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000266

=====

Sample Name	: CDDMTWD*2	Time	: 11/22/93 7:41 PM
Sample Number	: 11	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
 AutoSampler : None attached
 Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 7:29 AM
 Delay Time : 0.00 min.
 End Time : 45.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA011.raw
 Result File : D:\2700\BRUCE\X\37WA011.rst
 Instrument File: D:\2700\BRUCE\MEGA.ins
 Process File : D:\2700\BRUCE\MEGA.prc
 Sample File : D:\2700\BRUCE\MEGA.smp
 Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
 Sample Amount : 1.0000

=====

ELCD REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	SL Delta RT [%]
1	3.58	VC	930471 BB	2.00
2	9.53	MECL2	1713615 BB	1.63
3	10.39	T12DCE	1826912 BB	2.06
4	16.84	T11TCE	1903895 BB	0.37
5	18.55	T2DCLE	1503470 BB	1.33
7	22.49	CHCL2BR	1641039 BB	0.33
8	24.43	C13DCPE	1459969 BB	0.35
9	27.61	T13DCPE	944228 BB	0.41
10	28.51	T12TCE+TCLEE	1678696 BB	0.50
11	30.88	CHCLBR2	875510 BB	0.39
12	38.18	BFB	781216 BB	-0.13

15259020

000267

Chromatogram

46 273

Filename : D:\2700\BRUCE\X\37WA011.raw

Date : 11/22/93 7:41 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

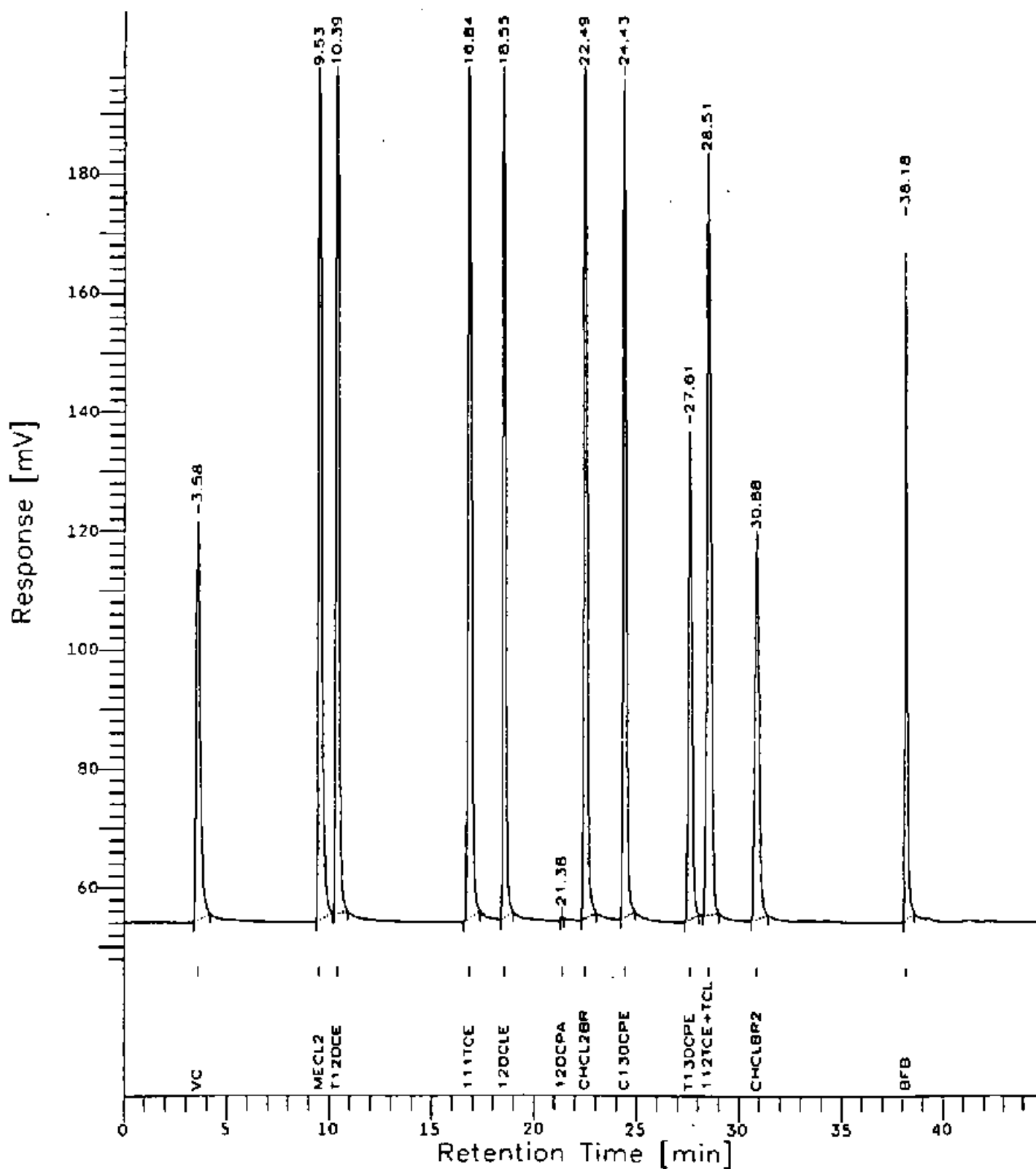
Low Point : 46.51 mV

High Point : 196.51 mV

Scale Factor : -1

Plot Offset : 47 mV

Plot Scale : 150 mV



000268

=====

Sample Name	: CDDMTWD*2	Time	: 11/22/93 7:41 PM
Sample Number	: 11	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 7:29 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB011.raw
Result File : D:\2700\BRUCE\X\37WB011.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
5	10.34	T120CE	195194 BB	0.00
9	28.49	TCLEE	98719 BB	0.42
10	38.13	BFB	462536 BB	0.22

756449

Chromatogram

46 275

FileName : D:\2700\BRUCE\K\3748011.raw

Date : 11/22/93 7:41 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

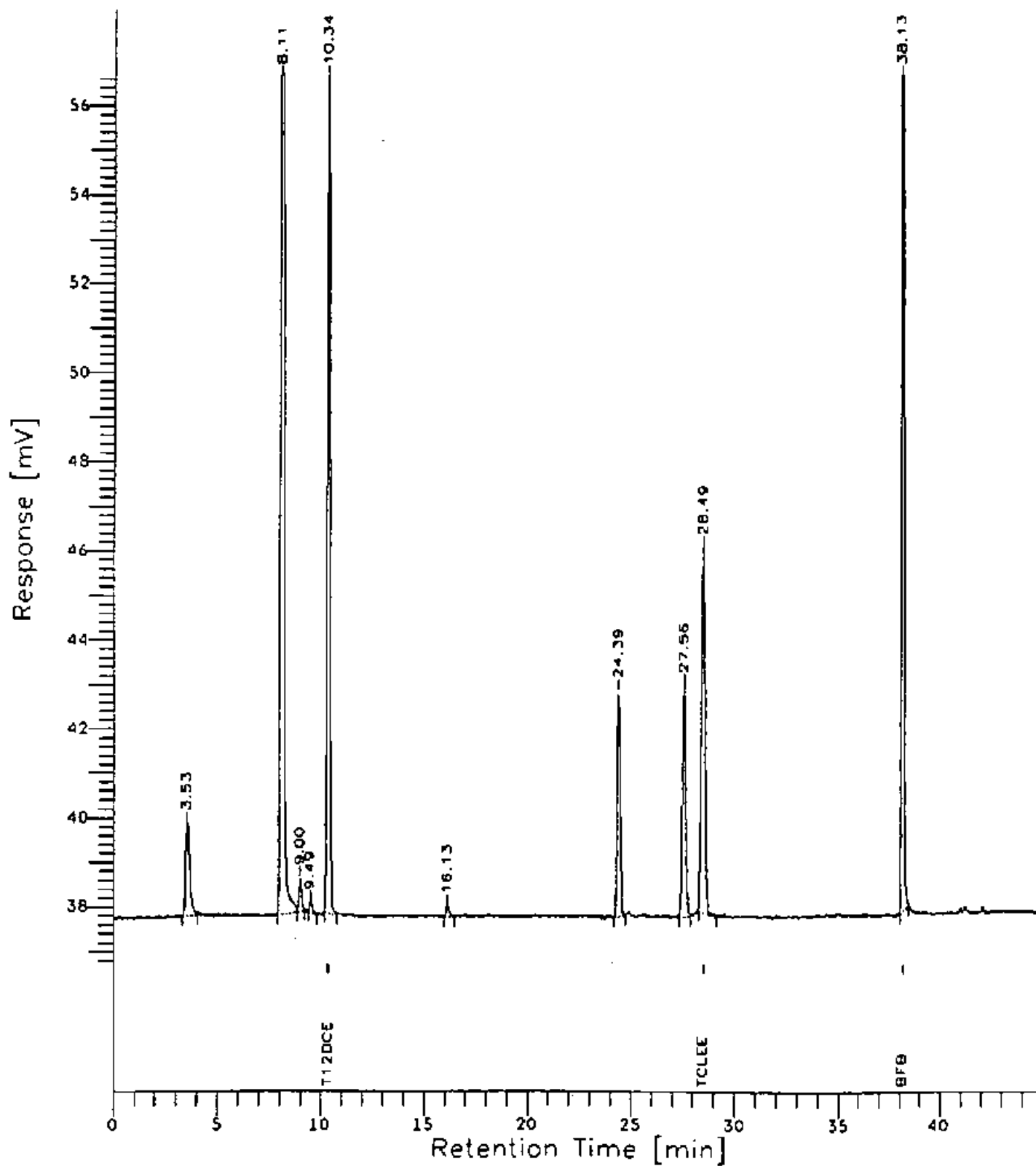
Low Point : 36.71 mV

High Point : 56.71 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000270

```

=====
Sample Name   : CDDMTW*3           Time       : 11/22/93  7:41 PM
Sample Number: 12                 Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  8:29 AM
Delay Time       : 0.00 min.
End Time         : 45.00 min.
Sampling Rate    : 2.9412 pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA012.raw
Result File     : D:\2700\BRUCE\X\37WA012.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 6800.00
Sample Amount   : 1.0000

```

```

=====
ELCD REPORT
=====

```

```

30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta	RT [%]
1	7.57	11DCE	3387152	BB	1.91
2	10.48	T12DCE	7572	BB	2.95
3	12.71	11DCLE	96230	BB	3.70
4	15.30	C12DCE	40134	BB	0.67
5	16.64	CHCL3	427457	BV	-0.81
6	16.88	111TCE	403998	VE	-1.19
7	17.31	CCL4	39869	EB	0.00
8	18.62	12DCLE	50245	BB	1.70
9	20.48	TACLE	5999391	BB	1.26
10	28.57	112TCE+TCLEE	18292782	BB	0.70
11	38.15	BFB	787430	MM	-0.22

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29531760

```

000271

Chromatogram

46 277

FileName : D:\2700\BRUCE\37\W0012.raw

Date : 11/22/93 7:41 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

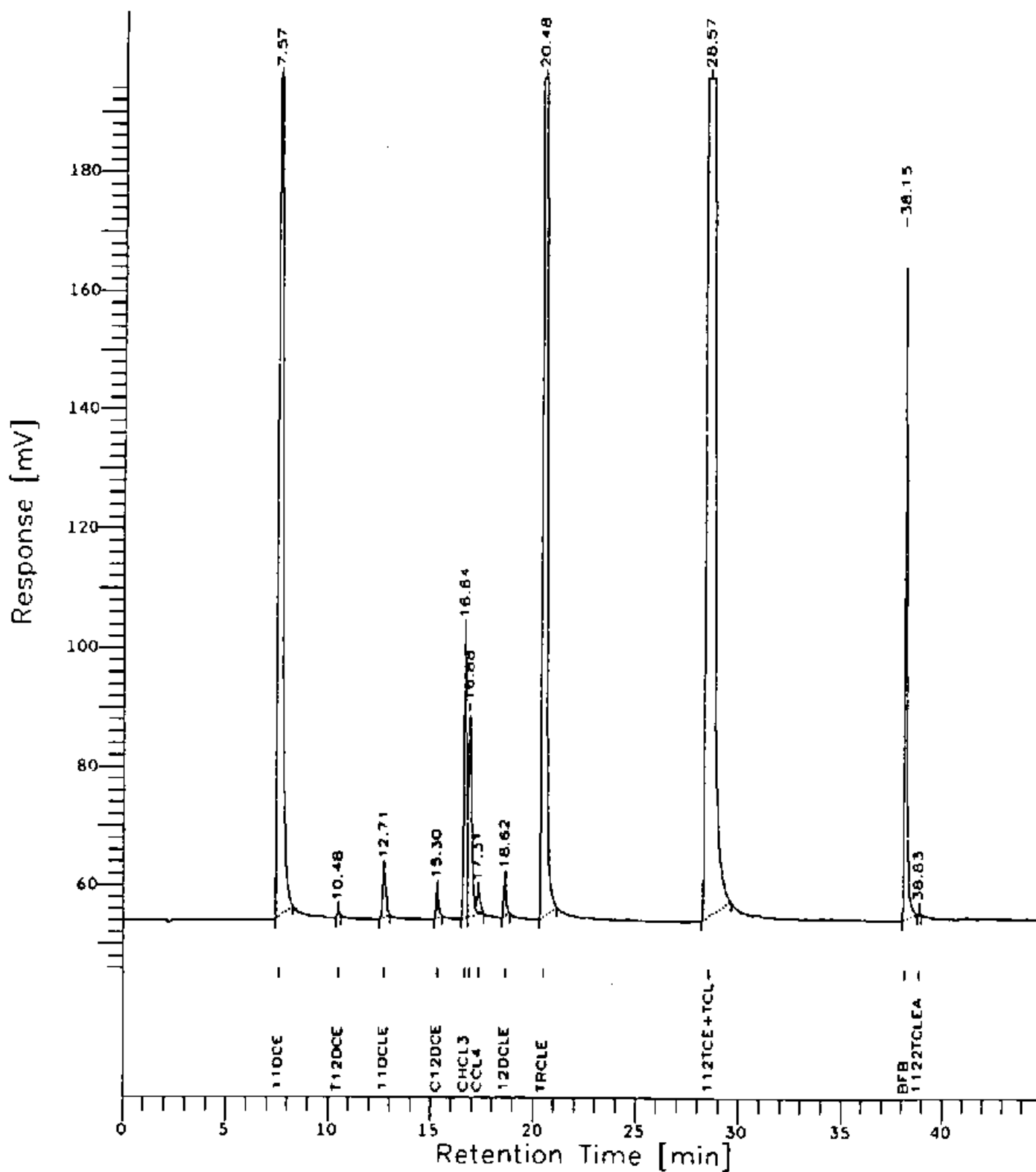
Low Point : 45.91 mV

High Point : 195.91 mV

Scale Factor: -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000272

=====

Sample Name	: CDDMTW*3	Time	: 11/22/93 7:41 PM
Sample Number	: 12	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 8:29 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB012.raw
Result File : D:\2700\BRUCE\X\37WB012.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	SL Delta RT [%]
3	10.41	Ti2DCE	2710 88	0.66
6	18.11	BENZ	870 88	0.98
9	25.69	TOL	1363 88	0.56
10	28.52	TELEE	1864376 88	0.52
11	38.11	BFB	425224 88	0.16
12	40.24	M-OCB	2135 88	-1.58

2296680

000273

Chromatogram

FileName : D:\2700\BRUCE\X\3748012.raw

Date : 11/22/93 7:42 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

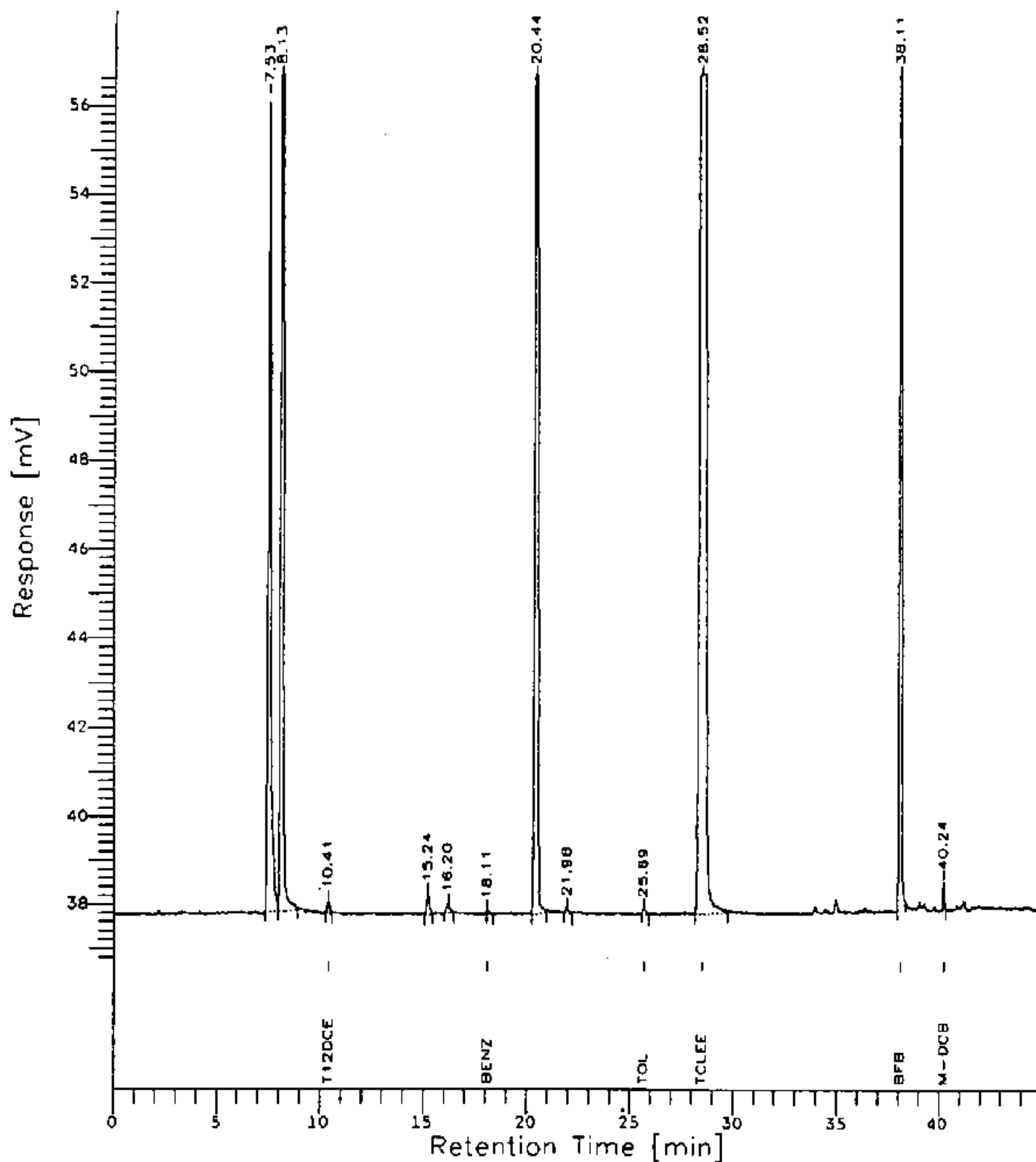
Low Point : 36.70 mV

High Point : 56.70 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV




```

=====
Sample Name   : CDDMTW*10           Time       : 11/22/93  7:42 PM
Sample Number: 13                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  9:29 AM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA013.raw
Result File     : D:\2700\BRUCE\X\37WA013.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 6800.00
Sample Amount   : 1.0000

```

=====

ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [UV-sec]	BL Delta RT [%]
1	3.63	VC	11584 MM	-1.39
2	7.57	11OCE	8207102 BB	-6.36
3	9.58	MECL2	13574157 BB	0.00
4	10.46	11ZDCE	10281955 BB	-0.38
5	12.68	11OCLE	323445 BB	0.00
6	15.29	C12DCE	15977487 BV	0.00
7	16.64	CMCL3	566007 VV	2.05
8	16.88	111TCE	749180 WV	0.00
9	17.30	CCL4	204261 VB	0.00
10	18.58	12OCLE	279249 BB	0.00
11	20.47	TRCLE	19488274 BB	0.00
15	28.55	112TCE+TCLEE	16692336 BB	0.00
21	38.13	BFB	678353 MM	1.19
22	38.82	1122TCLEA	1577234 MM	0.54

88610616

000275

Chromatogram

46 281

FileName : D:\2700\BRUCE\X\3749013.raw

Date : 11/22/93 7:42 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

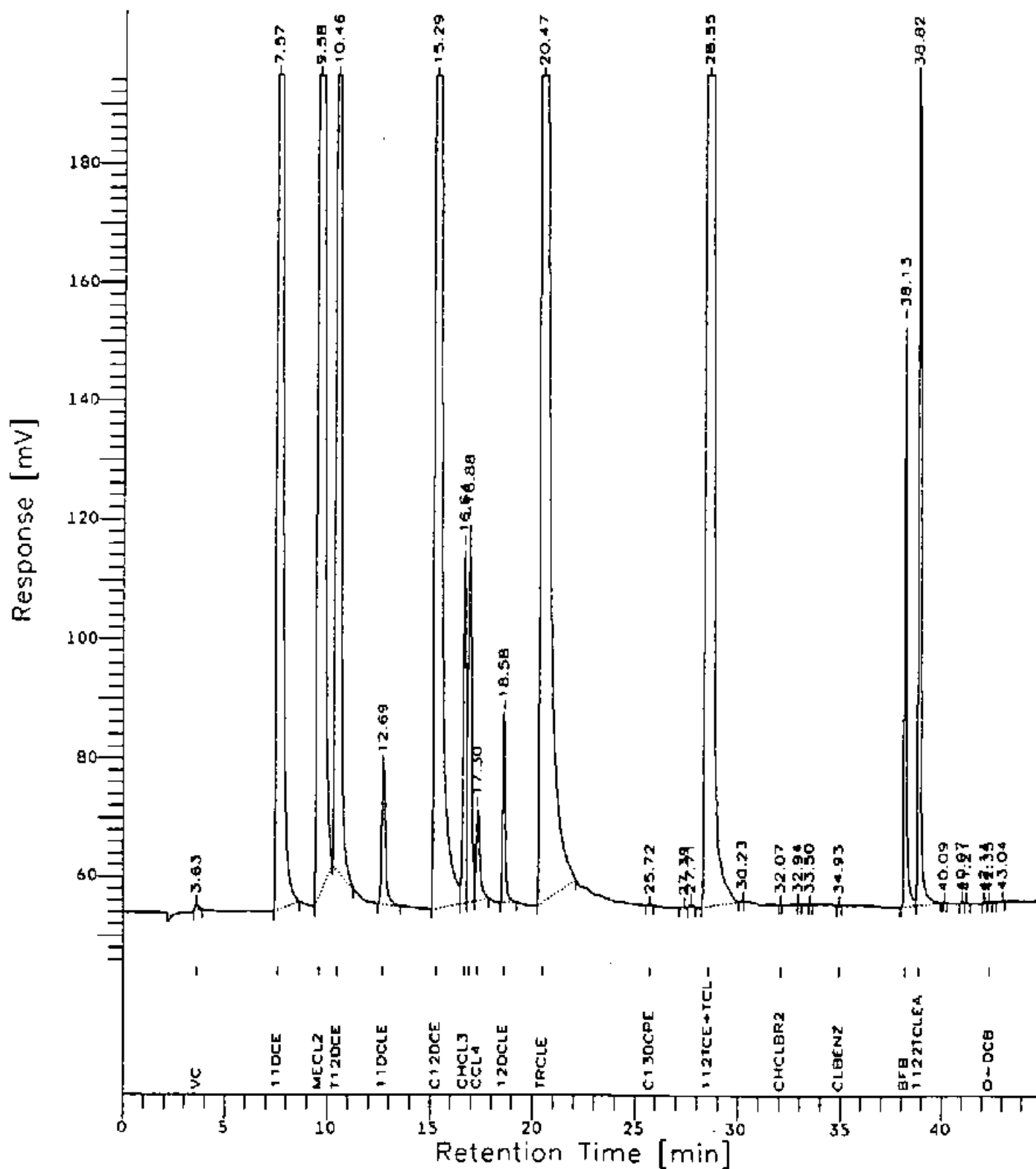
Low Point : 44.77 mV

High Point : 194.77 mV

Scale Factor : -1

Plot Offset : 45 mV

Plot Scale : 150 mV



000276

=====

Sample Name	: CDDMTW*10	Time	: 11/22/93 7:42 PM
Sample Number	: 13	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 9:29 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB013.raw
Result File : D:\2700\BRUCE\X\37WB013.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	BL Delta RT [s]
7	10.40	TIZOC	1636517 BB	0.60
9	10.11	BENZ	5756 BB	1.01
12	25.66	TOL	414426 BB	0.47
13	28.51	TELEE	1327612 BB	0.50
14	34.95	M,P-XYL	789 BB	0.26
15	38.10	SFB	444910 BB	0.13

3830010

Chromatogram

FileName : D:\2700\BRUCE\X\3748013.raw

Date : 11/22/93 7:42 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

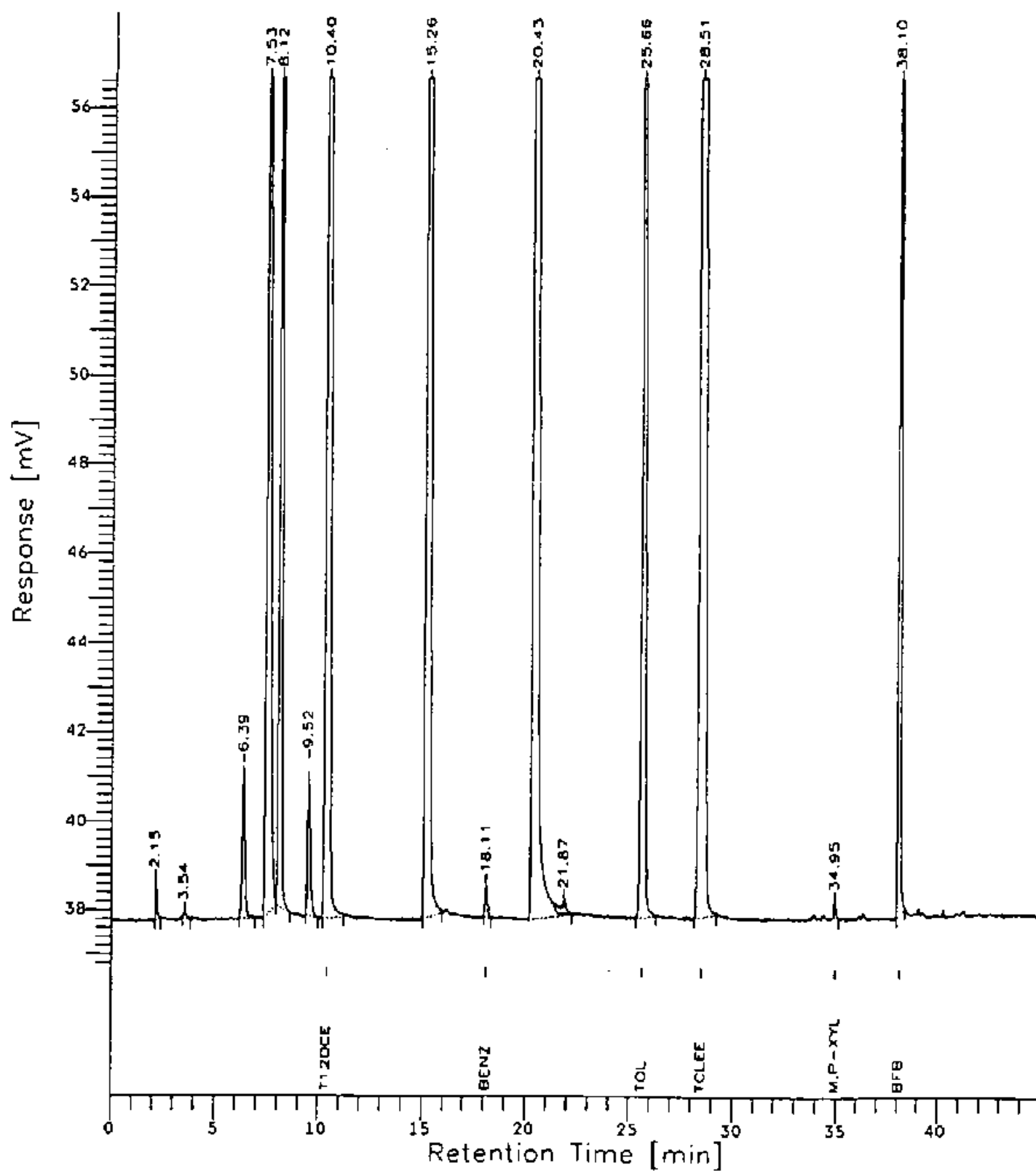
Low Point : 36.70 mV

High Point : 56.70 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000278

```

=====
Sample Name   : CDDMTW*11           Time       : 11/22/93  7:42 PM
Sample Number: 14                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  10:29 AM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA014.raw
Result File     : D:\2700\BRUCE\X\37WA014.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 6800.00
Sample Amount   : 1.0000

```

```

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                        ELCD REPORT
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```

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=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
1	10.36	T12DCE	1159910 BB	1.84
2	15.22	C12DCE	2982477 BB	0.11
3	16.58	CHCL3	280733 BB	-0.41
4	17.25	CCL4	134373 BB	-0.33
5	20.41	TRCLE	5399523 BB	0.90
6	28.53	112TCE+TCLEE	1415015 BB	0.58
7	38.11	BFB	780398 BV	-0.30
8	38.79	1122TCLEA	183778 VB	-0.16

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12336207
=====

```

000279

Chromatogram

46 285

FileName : D:\2700\BRUCE\X\3744014.raw

Date : 11/22/93 7:42 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

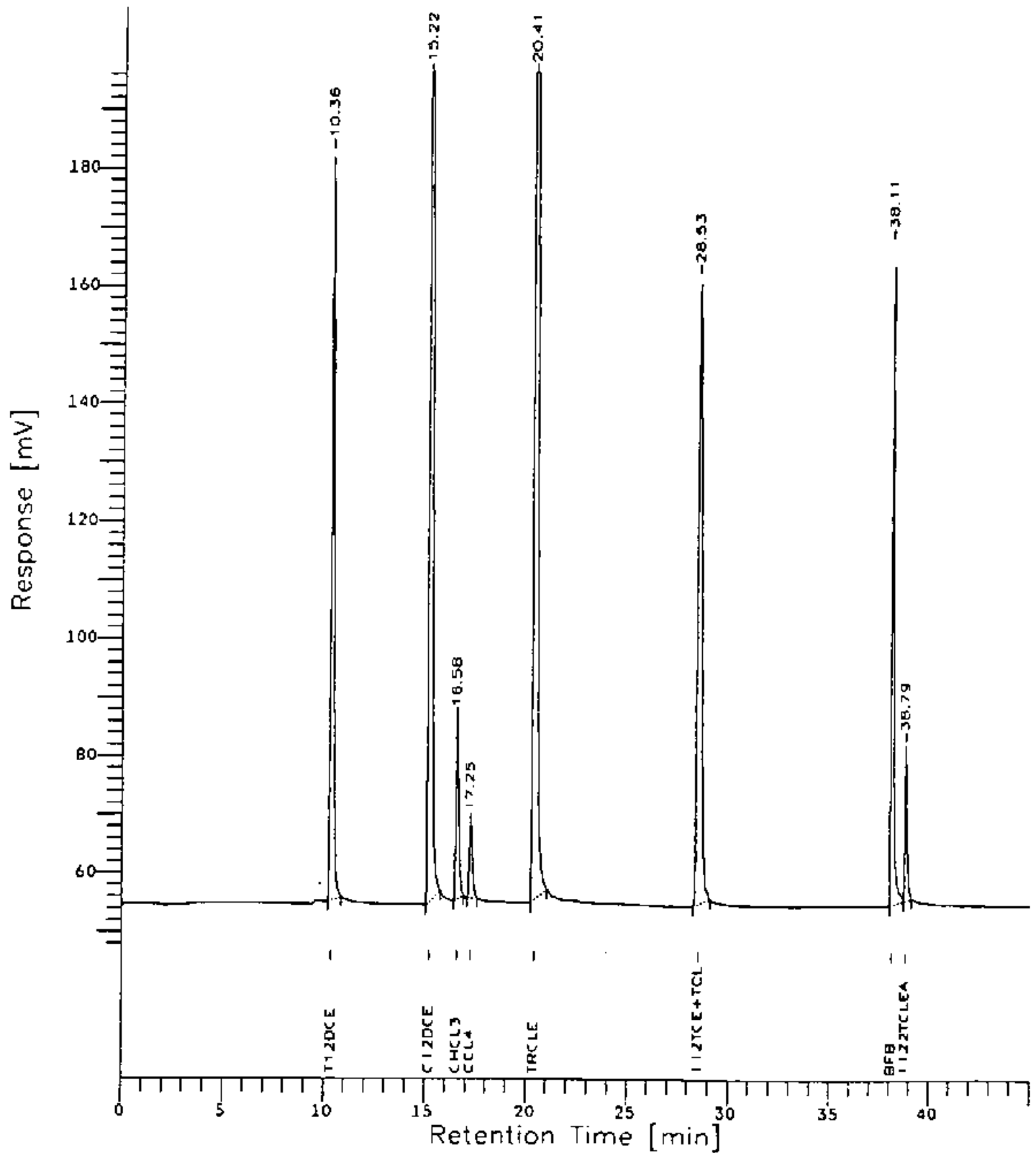
Low Point : 46.63 mV

High Point : 196.63 mV

Scale Factor: -1

Plot Offset: 47 mV

Plot Scale: 150 mV



000280

=====

Sample Name	: CDDMTW*11	Time	: 11/22/93 7:43 PM
Sample Number	: 14	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 10:29 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB014.raw
Result File : D:\2700\BRUCE\X\37WB014.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta	RT [%]
2	10.33	T12DCE	134722	88	-0.11
6	25.68	TOL	1876	88	0.53
7	28.49	TCLLE	70742	88	0.42
8	38.07	BFB	437328	88	0.07

644468

FileName : D:\2700\BRUCE\X\3748014.raw

Date : 11/22/93 7:43 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

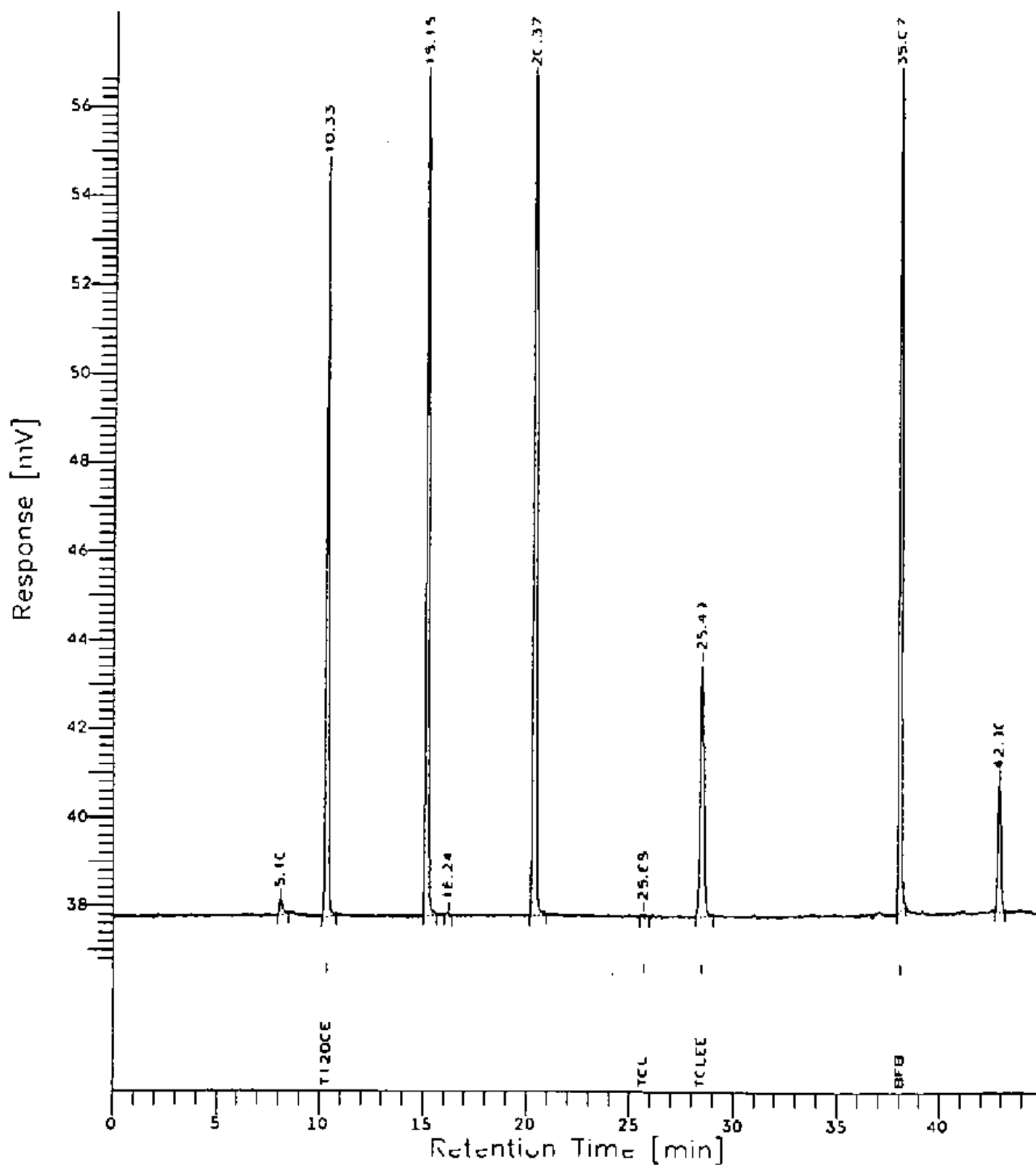
Low Point : 36.70 mV

High Point : 56.70 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000282


```

=====
Sample Name   : CDDMTW*12           Time       : 11/22/93  7:44 PM
Sample Number: 15                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  11:28 AM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA015.raw
Result File     : D:\2700\BRUCE\X\37WA015.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 6800.00
Sample Amount   : 1.0000

```

```

=====
                        ELCD REPORT
=====

```

```

=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area (uV-sec)	BL Delta	RT [%]
1	10.35	T120CE	2009087	BB	1.67
2	15.22	C120CE	7735402	BB	0.15
3	16.59	CHCL3	239403	BB	-0.34
4	17.26	CCL4	63072	BB	-0.26
5	18.55	I20CLE	48008	BB	-0.34
6	20.47	TACLE	21070752	BB	1.21
7	28.52	112TCE+TCLEE	1802768	BB	0.52
8	34.52	CLBENZ	24021	BB	1.86
9	38.14	BFB	817641	BY	-0.24
10	38.83	1122TCLEA	7522052	VB	-0.07

```

41332204

```

FileName : D:\2700\BRUCE\K\37MA015.raw

Date : 11/22/93 7:44 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

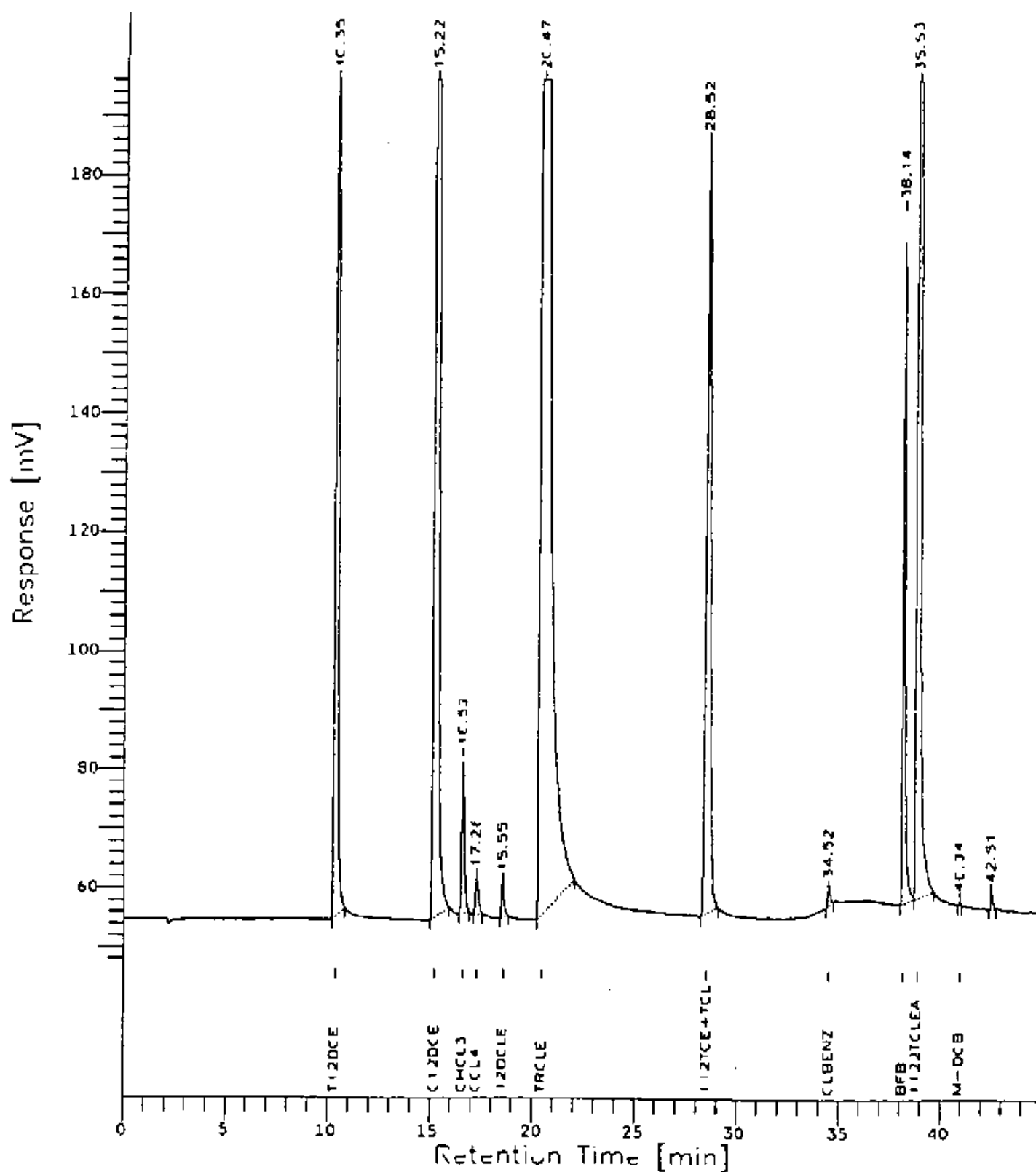
Low Point : 46.36 mV

High Point : 196.36 mV

Scale Factor: -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000284

=====

Sample Name	: CODMTW*12	Time	: 11/22/93 7:46 PM
Sample Number	: 15	Study	:
Operator	:		

Interface # : 5 Channel : 8 A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 11:28 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB015.raw
Result File : D:\2700\BRUCE\X\37WB015.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CODM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
4	10.30	TIZOCE	252518 88	-0.38
6	18.07	BDN2	1658 88	0.76
8	25.60	TOL	848 88	0.22
9	28.48	TCLEE	89823 88	0.38
10	38.10	BFB	439532 88	0.13

784378

000285

Chromatogram

FileName : D:\2700\BRUCE\K13740015.raw

Date : 11/22/93 7:46 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

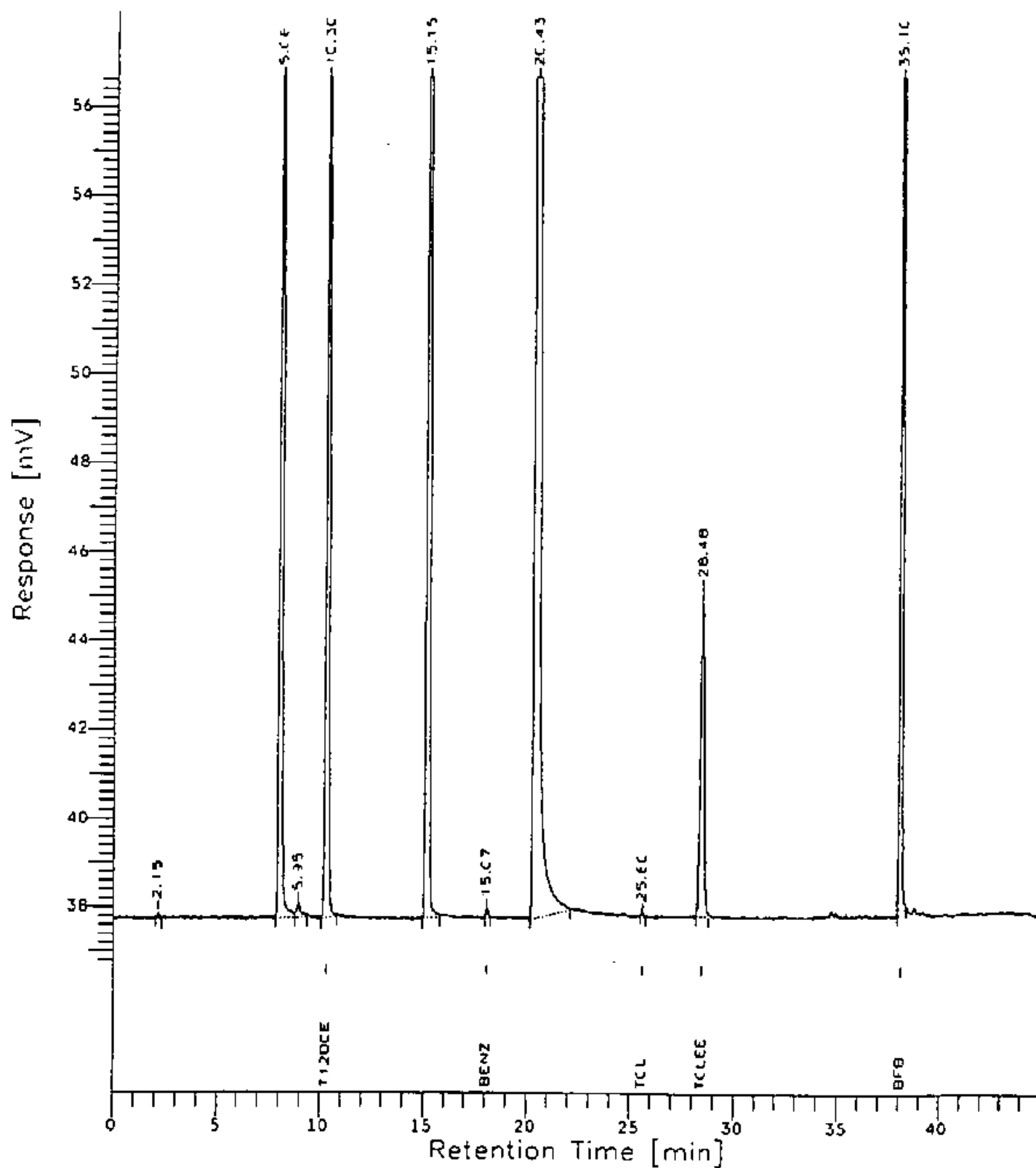
Low Point : 36.70 mV

High Point : 56.70 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000286

```
=====
Sample Name   : CDDMTW*60           Time       : 11/22/93  7:47 PM
Sample Number : 16                   Study        :
Operator      :
```

```
Interface #   : 5           Channel : A       A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0
```

```
Data Acquisition Time: 11/18/93 12:27 PM
Delay Time      : 0.00 min.
End Time        : 45.00 min.
Sampling Rate   : 2.9412 pts/sec
```

```
Raw Data File   : D:\2700\BRUCE\X\37WA016.raw
Result File     : D:\2700\BRUCE\X\37WA016.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq
```

```
Inj. Volume     : 1           ul       Area Reject       : 6800.00
Sample Amount    : 1.0000
```

```
=====
                        ELCD REPORT
=====
```

```
30M MEGABORE DB624 GC#871237
=====
```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta	RT [%]
1	20.29	TACLE	131005 BB	-0.86	
2	36.17	BFB	736215 BV	-0.16	
3	36.66	1122TCLEA	142043 VB	0.00	

1009263

000287

Chromatogram

FileName : D:\2700\BRUCE\X\3749016.raw

Start Time : 0.00 min

End Time : 45.00 min

Date : 11/22/93 7:47 PM

Page 1 of 1

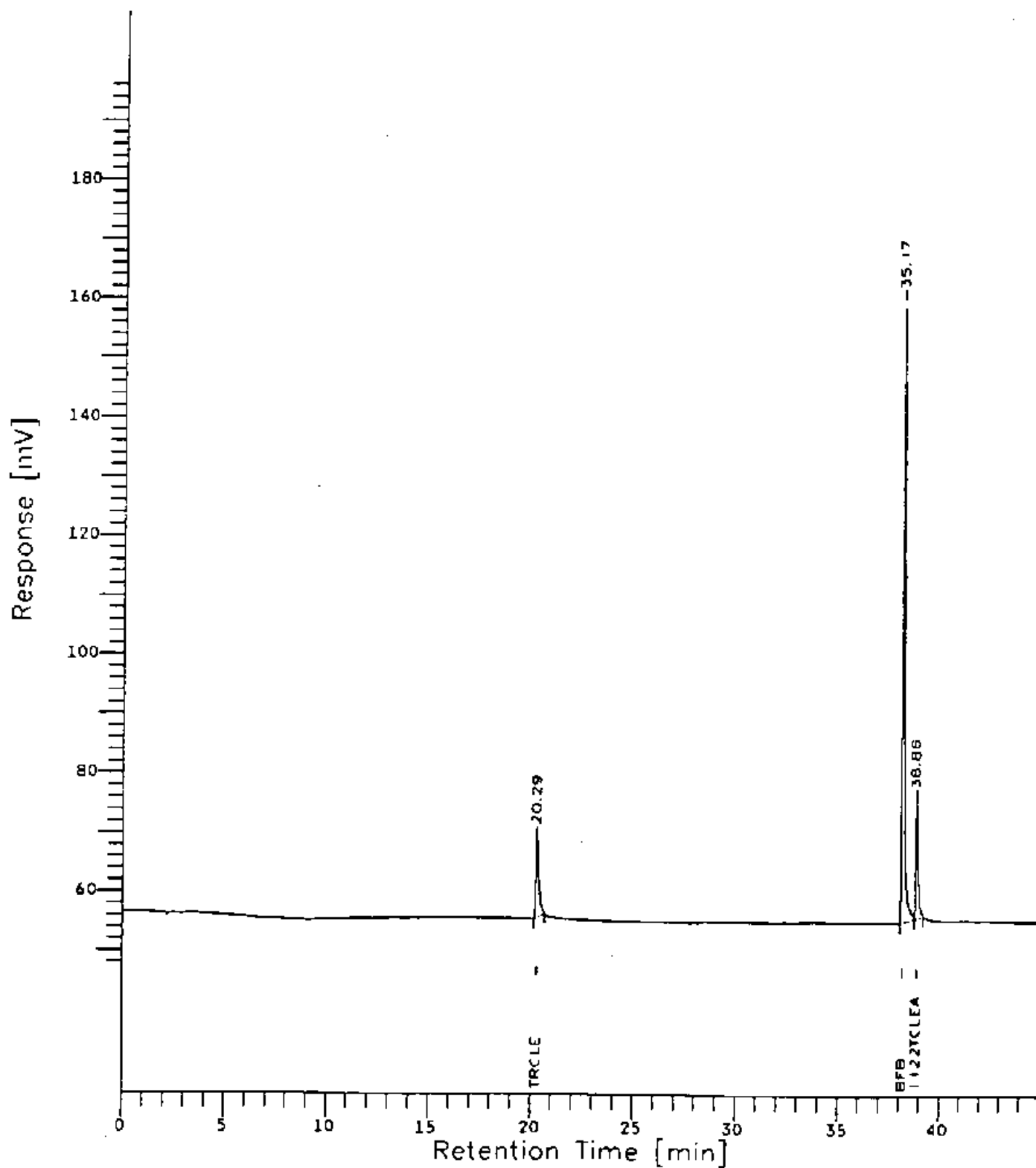
Scale Factor: -1

Plot Offset: 47 mV

Low Point : 47.43 mV

High Point : 197.43 mV

Plot Scale: 150 mV



000288

=====

Sample Name	: CDDMTW*60	Time	: 11/22/93 7:49 PM
Sample Number	: 16	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 12:27 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB016.raw
Result File : D:\2700\BRUCE\X\37WB016.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]

5	38.13	BFB	440040 BB	0.21

440040

Chromatogram

46 295

FileName : D:\2700\BRUCE\X\J74B016.raw

Date : 11/22/93 7:49 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

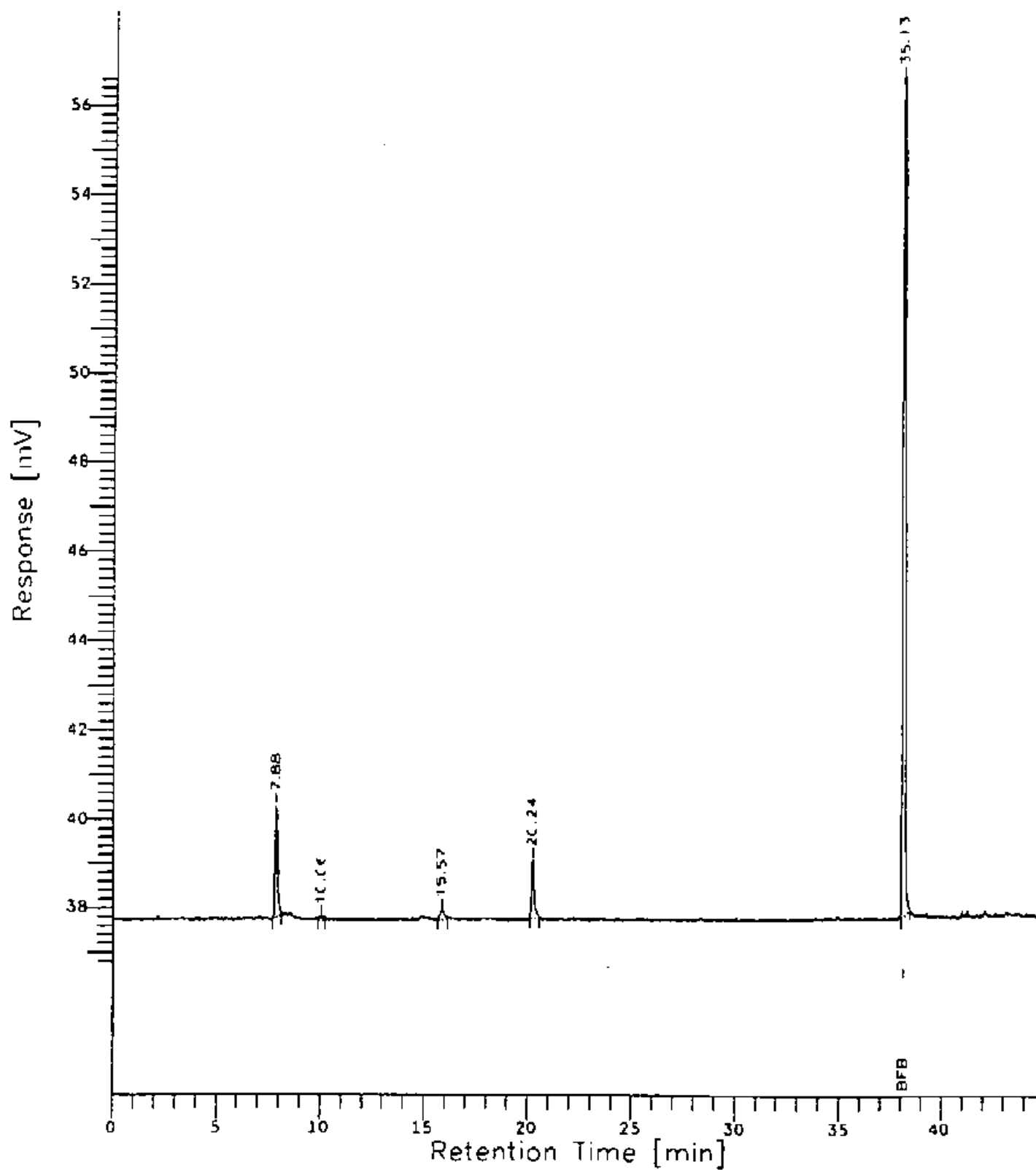
Low Point : 36.69 mV

High Point : 56.69 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000290

=====

Sample Name	: CDDMTW*25	Time	: 11/22/93 7:50 PM
Sample Number	: 17	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 2:22 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA017.raw
Result File : D:\2700\BRUCE\X\37WA017.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

=====

ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	BL Delta RT [%]
1	16.84	CHCL3	9935 BB	-0.20
3	17.46	CCL4	127786 BB	0.88
4	20.60	TRCLE	20922 BB	0.64
5	28.66	112TCE+TCLEE	1336759 BB	1.04
6	38.17	BFB	861162 BB	-0.15

2356564

000291

FileName : D:\2700\BRUCEV\37WAG17.raw

Date : 11/22/93 7:50 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

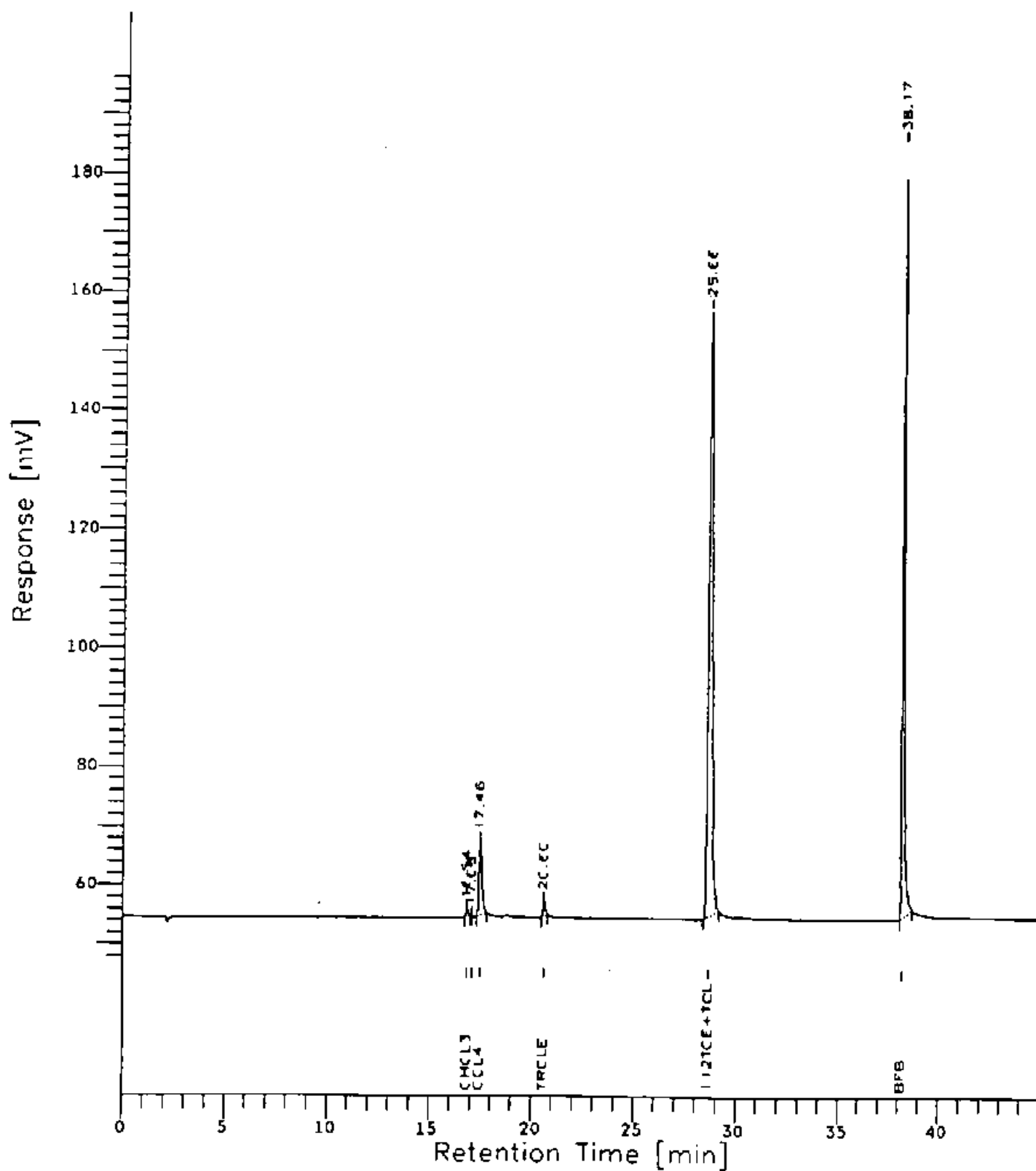
Low Point : 46.04 mV

High Point : 196.04 mV

Scale Factor: -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000292

=====

Sample Name : CDDMTW*25	Time : 11/22/93 7:52 PM
Sample Number: 17	Study :
Operator :	

Interface # : 5 Channel : B A/D mV Range : 10000
 AutoSampler : None attached
 Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 2:22 PM
 Delay Time : 0.00 min.
 End Time : 45.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB017.raw
 Result File : D:\2700\BRUCE\X\37WB017.rst
 Instrument File: D:\2700\BRUCE\MEGA.ins
 Process File : D:\2700\BRUCE\MEG8.prc
 Sample File : D:\2700\BRUCE\MEG8.smp
 Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
 Sample Amount : 1.0000

=====

PID REPORT

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30H MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
7	28.60	TCLEE	71606 88	0.82
8	38.13	BFB	490302 88	0.22
9	40.95	M-DCB	1601 88	0.17

563509

000293

Chromatogram

46 299

Filename : D:\2700\BRUCE\X\J740017.raw

Date : 11/22/93 7:52 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

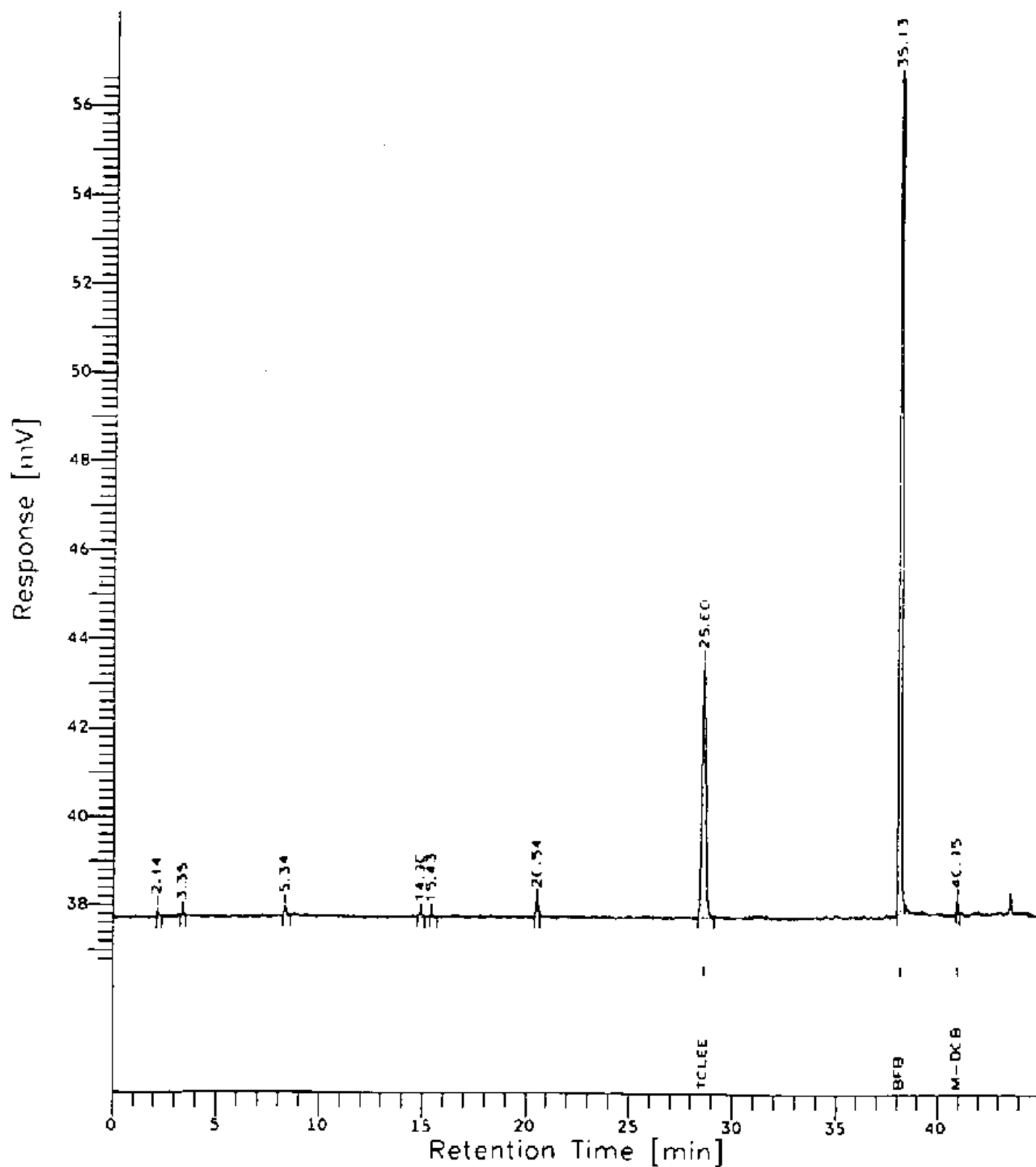
Low Point : 36.67 mV

High Point : 56.67 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000294

```

=====
Sample Name   : CODMTW*26           Time       : 11/22/93  7:53 PM
Sample Number: 18                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  3:21 PM
Delay Time        : 0.00   min.
End Time          : 45.00   min.
Sampling Rate     : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA018.raw
Result File     : D:\2700\BRUCE\X\37WA018.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ul           Area Reject      : 6800.00
Sample Amount  : 1.0000

```

```

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                        ELCD REPORT
=====

```

```

30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	BL Delta RT [%]
1	16.04	CHCL3	87198 BB	0.00
2	16.75	CCL4	482127 BB	-0.17
3	20.10	TRCLE	136602 BB	-1.39
4	28.22	112TCE+TCLEE	819541 BB	-1.09
5	38.09	BFB	728042 MM	-0.14

```

=====
                        2253510
=====

```

000295

Chromatogram

46 301

FileName : D:\2700\BRUCE\X\374401B.raw

Date : 11/22/93 7:53 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

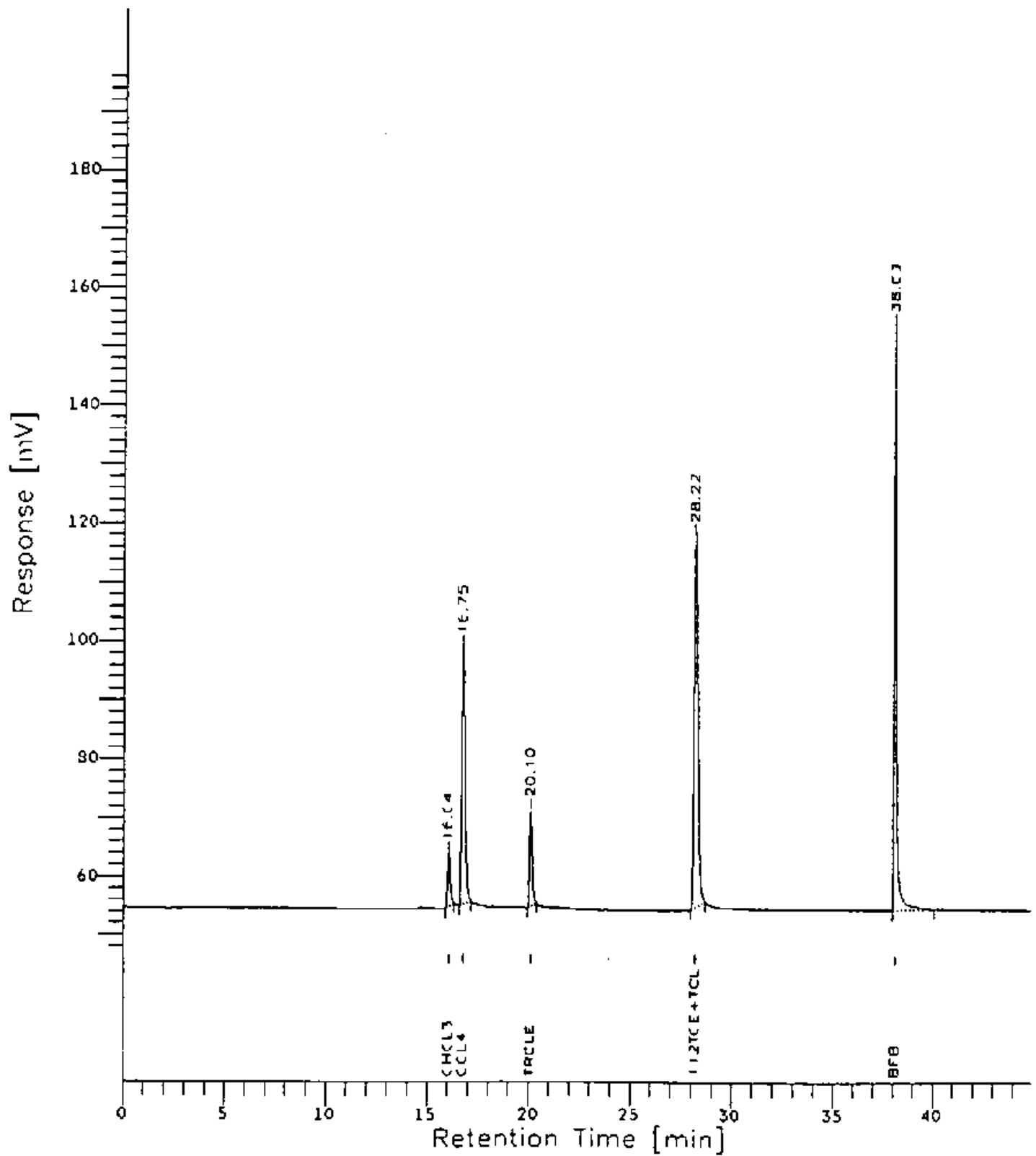
Low Point : 46.60 mV

High Point : 196.60 mV

Scale Factor: -1

Plot Offset: 47 mV

Plot Scale: 150 mV



000296

Sample Name : CDDMTW*26
Sample Number: 18
Operator :

Time : 11/22/93 7:55 PM
Study :

46 302

Interface # : 5 Channel : 8 A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 3:21 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB018.raw
Result File : D:\2700\BRUCE\X\37WB018.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

PID REPORT

30M MEGABORE DB624 GC#871237

Peak #	Ret Time (min)	Component Name	Area [uV-sec]	BL Delta RT [%]
5	25.35	TOL	1567 BB	-0.75
6	28.18	TCLEE	40729 BB	-0.68
7	38.05	6FB	387578 RM	-0.00

429874

000297

Chromatogram

46 303

FileName : D:\2700\BRUCE\X\3740018.raw

Date : 11/22/93 7:55 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

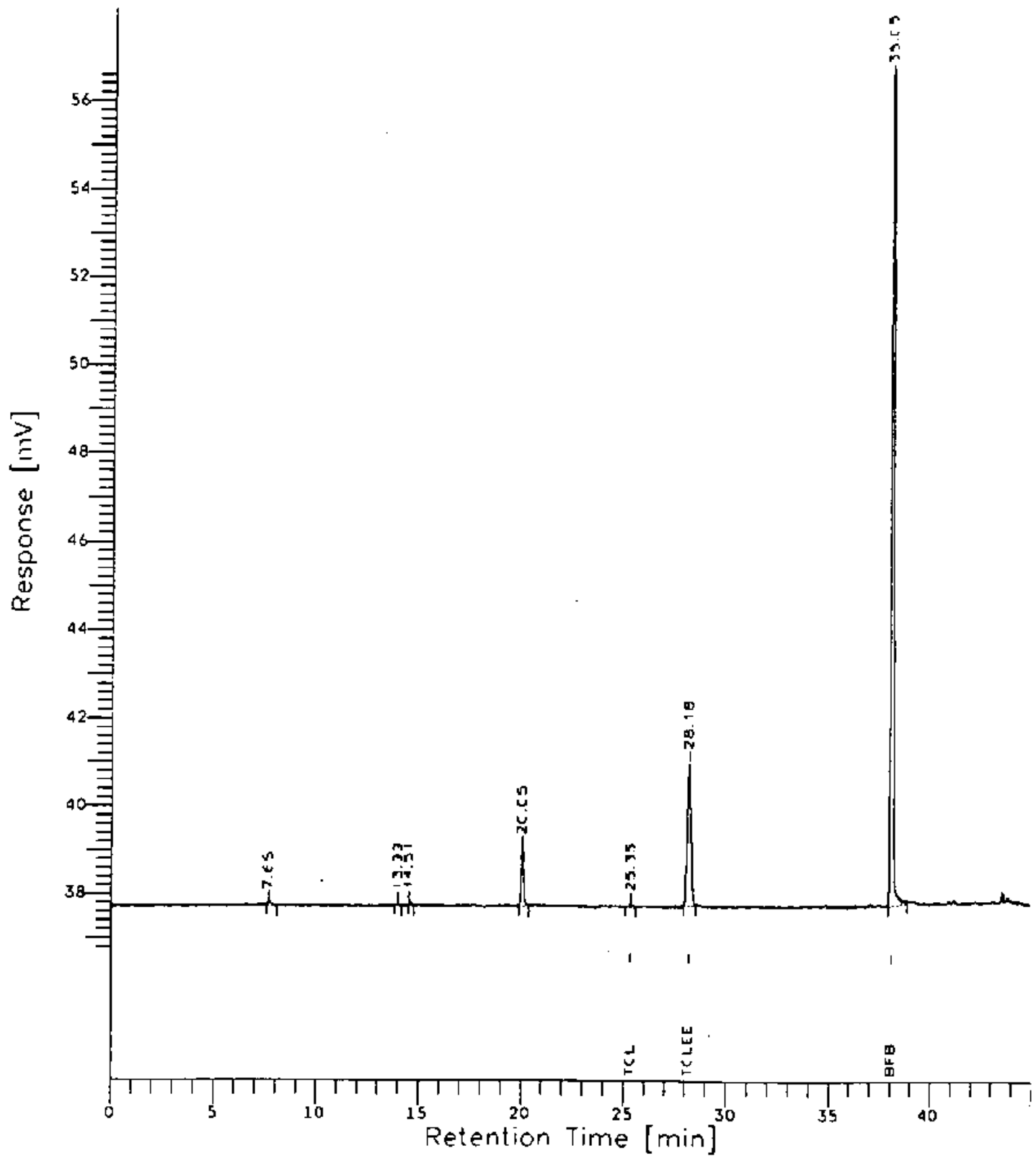
Low Point : 36.66 mV

High Point : 56.66 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000298

=====

Sample Name	: CODMTW*36	Time	: 11/22/93 7:56 PM
Sample Number	: 19	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 4:20 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA019.raw
Result File : D:\2700\BRUCE\X\37WA019.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

=====

ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uv-sec]	EL Delta RT [%]
1	38.09	BFB	822562 MM	-0.36

822562

Chromatogram

46 305

Filename : D:\2700\BRUCE\X\3740019.raw

Date : 11/22/93 7:56 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

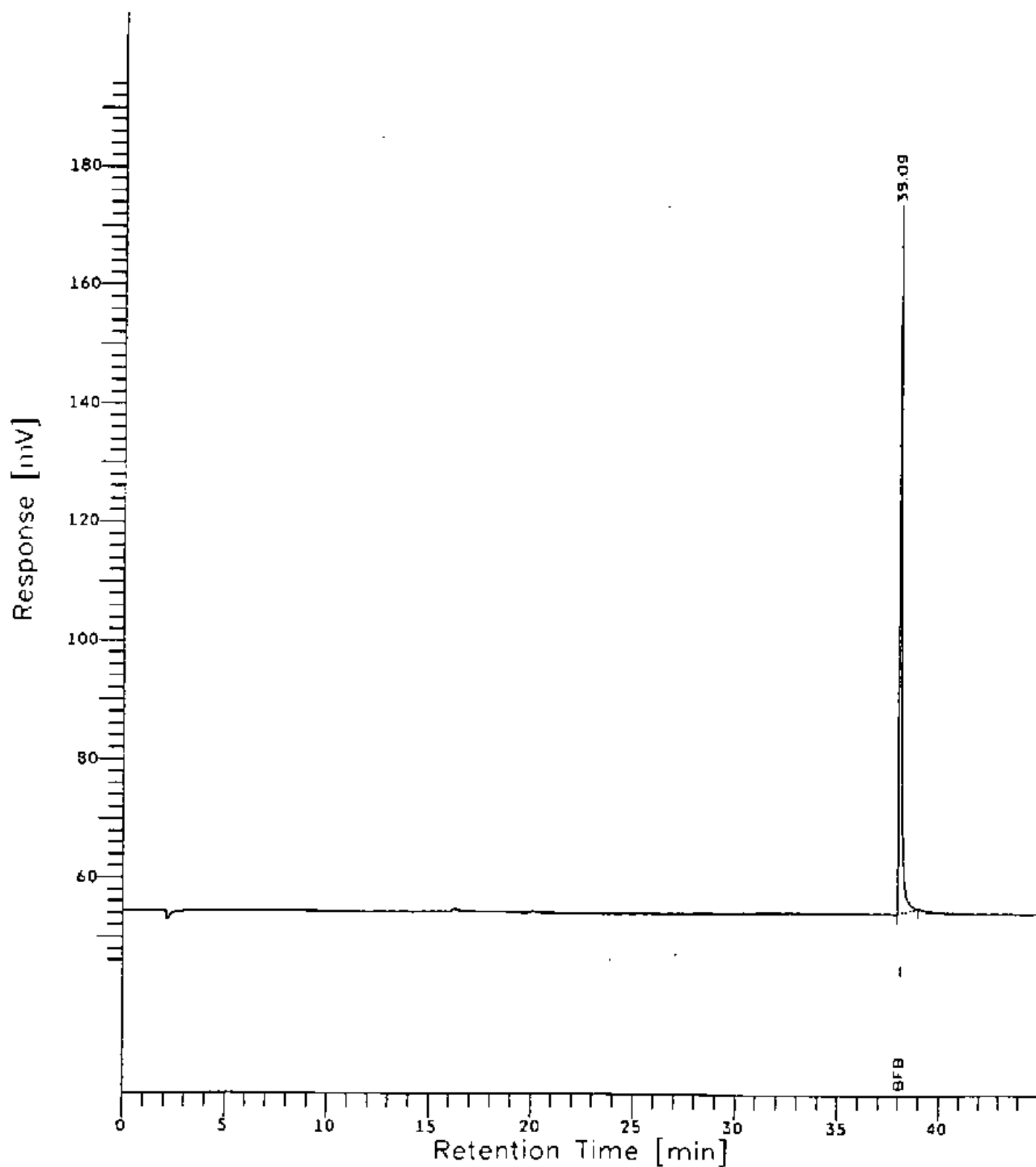
Low Point : 45.28 mV

High Point : 195.28 mV

Scale Factor: -1

Plot Offset: 45 mV

Plot Scale: 150 mV



000300

=====

Sample Name	: CDDMTW*36	Time	: 11/22/93 7:58 PM
Sample Number	: 19	Study	:
Operator	:		

Interface # : 5 Channel : 8 A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 4:20 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB019.raw
Result File : D:\2700\BRUCE\X\37WB019.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

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PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta	RT [%]
7	25.29	TOL	3131 BB	-1.00	
8	38.05	BFB	476069 HH	-0.00	
10	41.79	O-DCB	6497 BB	-0.49	

485710

000301

Chromatogram

FileName : D:\2700\BRUCE\X\374B019.raw

Date : 11/22/93 7:58 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

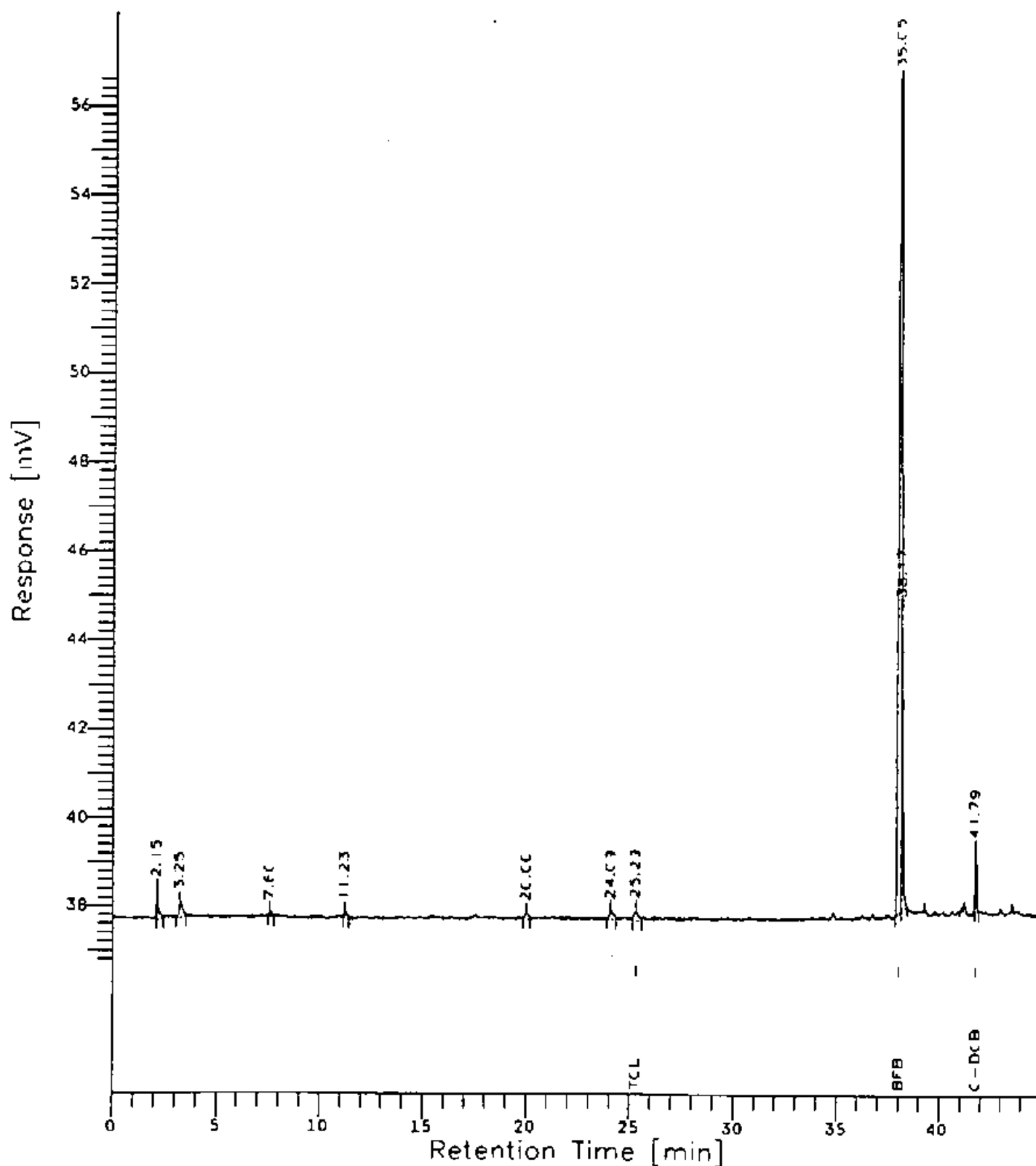
Low Point : 36.67 mV

High Point : 56.67 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000302

=====

Sample Name	: CCS*1117B*1	Time	: 11/22/93 7:59 PM
Sample Number	: 20	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
 AutoSampler : None attached
 Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 5:20 PM
 Delay Time : 0.00 min.
 End Time : 45.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA020.raw
 Result File : D:\2700\BRUCE\X\37WA020.rst
 Instrument File: D:\2700\BRUCE\MEGA.ins
 Process File : D:\2700\BRUCE\MEGA.prc
 Sample File : D:\2700\BRUCE\MEGA.smp
 Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
 Sample Amount : 1.0000

=====

ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	BL Delta	RT [%]
1	2.75	OCDFM	1159085	BV	-1.95
2	3.24	CH3CL	255403	VV	-2.56
3	3.47	VC	1994451	VB	-1.06
4	4.32	CH3BR	540839	BV	-0.00
5	4.58	C2H5CL	1442513	VV	0.00
6	5.23	CCL3F	2921441	VB	-3.76
7	6.99	11DCE	2094755	BB	-5.87
8	8.98	MECL2	2742525	BB	-4.17
9	9.74	T12DCE	2605799	BB	-5.86
10	11.67	11DCE	2485628	BB	0.00
11	15.91	CHCL3	3418281	BV	-0.85
12	16.18	111TCE	3201337	VV	0.00
13	16.64	CCL4	3709293	VB	-0.68
14	18.02	12DCE	2003926	BB	0.00
15	20.03	TRCLE	3010943	BB	-0.37
16	20.95	12DCPA	2295748	BB	-1.44
17	22.12	CHCL2BR	2236592	BB	-1.34
18	23.64	2CEVE	524990	BV	-1.21
19	24.07	C13DCPE	2330089	VB	-1.14
20	27.22	T13DCPE	1582032	BB	-1.01
21	28.16	112TCE+TCLEE	5377097	BB	-0.74
22	30.45	CHCLBR2	1410731	BB	-1.01
23	33.79	CLBENZ	1209125	BB	-0.32
24	37.01	CHBR3	749265	BB	-0.61
25	38.08	BFB	861681	HH	-0.40
26	38.77	1122TCLEA	1254097	BB	-0.23
28	40.90	M-DCB	1622452	BV	-0.10
29	41.16	P-DCB	1732345	VB	0.00

000303

58317096

000304

Chromatogram

46 310

FileName : D:\2700\BRUCE\X\37WAO20.raw

Date : 11/22/93 7:59 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

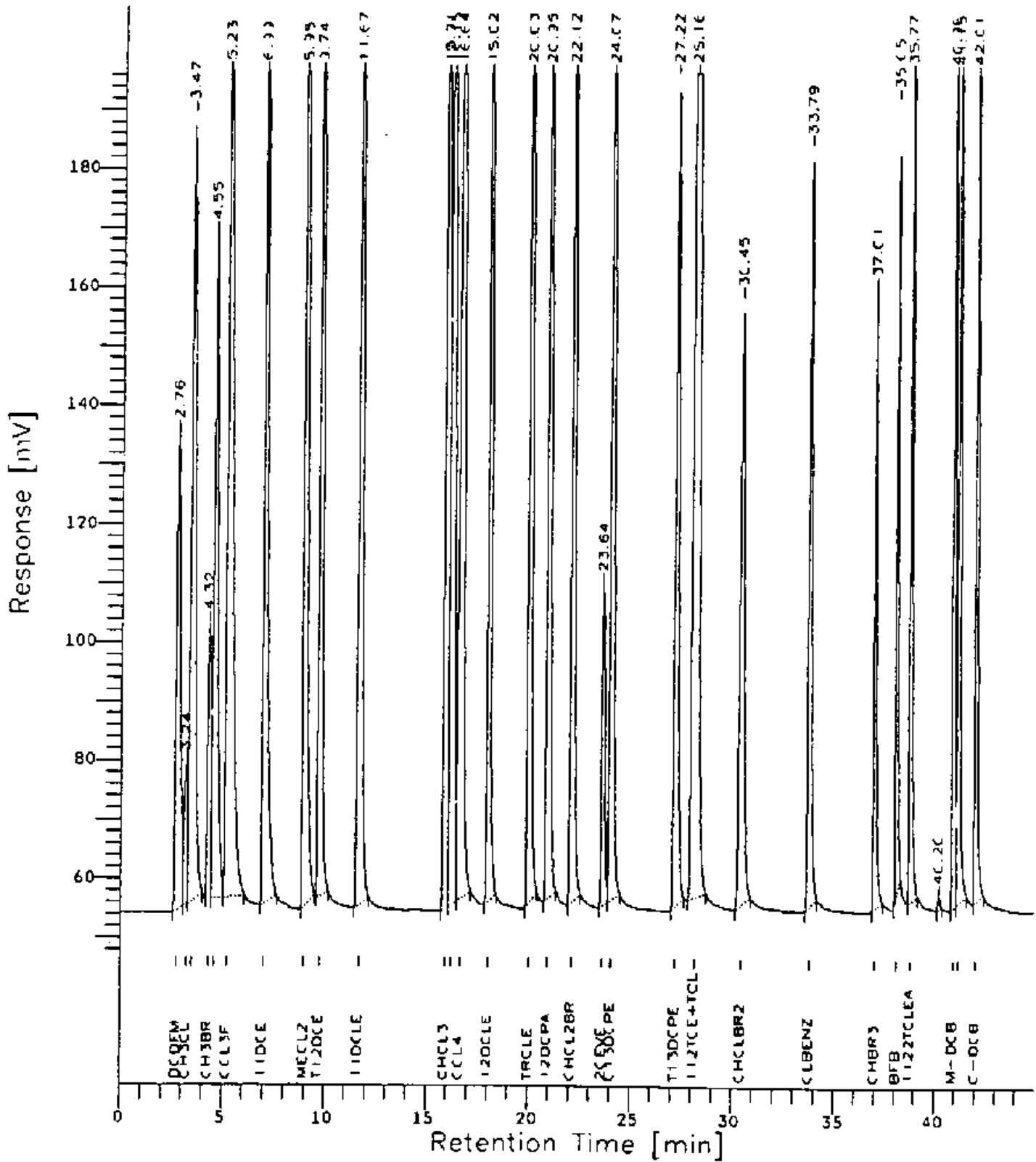
Low Point : 46.64 mV

High Point : 196.64 mV

Scale Factor: -1

Plot Offset: 47 mV

Plot Scale: 150 mV



000305

```

=====
Sample Name   : CCS*1117B*1           Time       : 11/22/93  8:01 PM
Sample Number : 20                     Study        :
Operator      :

```

```

Interface #   : 5           Channel : B       A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  5:20 PM
Delay Time       : 0.00   min.
End Time        : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WB020.raw
Result File     : D:\2700\BRUCE\X\37WB020.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGB.prc
Sample File     : D:\2700\BRUCE\MEGB.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ML      Area Reject      : 500.00
Sample Amount  : 1.0000

```

PID REPORT

```

=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret. Time [min]	Component Name	Area [UV-sec]	BL Delta RT (%)
5	9.71	T12OCE	319621 MM	0.00
6	9.86	MTBE	73487 MM	0.00
7	17.53	BENZ	335402 BB	-2.24
11	25.27	TOL	317016 BB	-1.09
13	28.08	TCLEE	162439 MM	-1.00
14	33.74	CLBENZ	362358 BB	-0.22
15	34.27	ETBENZ	318791 BB	-0.17
16	34.82	M,P-XYL	783578 BB	-0.13
17	36.27	O-XYL	343538 BB	-0.06
18	38.04	BFB	460221 BB	-0.02
19	40.87	M-OCB	362097 BB	-0.04
20	41.11	P-OCB	319114 BB	-0.06
21	41.97	O-OCB	279126 BB	-0.04

4436787

000306

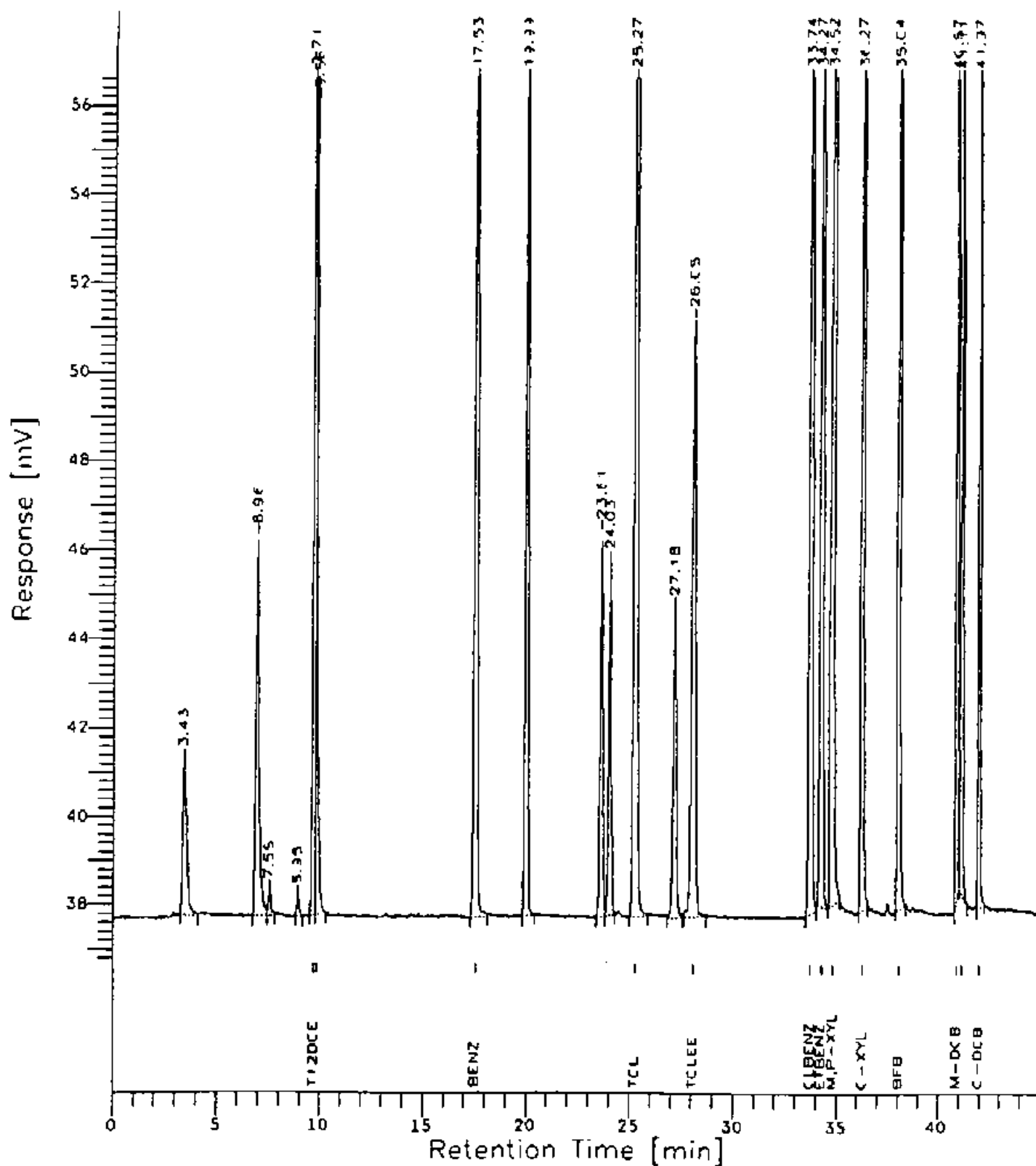
Chromatogram

46 312

FileName : D:\2700\BRUCE\X\3748020.raw
Start Time : 0.00 min End Time : 45.00 min
Scale Factor: -1 Plot Offset: 37 mV

Date : 11/22/93 8:01 PM
Low Point : 36.67 mV
Plot Scale: 20 mV

Page 1 of 1
High Point : 56.67 mV



```

=====
Sample Name   : CDDMTW*41                Time       : 11/22/93  8:03 PM
Sample Number: 21                        Study        :
Operator      :

```

```

Interface #   : 5          Channel : A      A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  6:48 PM
Delay Time        : 0.00   min.
End Time          : 45.00   min.
Sampling Rate     : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA021.raw
Result File     : D:\2700\BRUCE\X\37WA021.rst
Instrument File : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1          ul      Area Reject      : 6800.00
Sample Amount  : 1.0000

```

```

=====
                        ELCD REPORT
=====

```

```

30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret. Time [min]	Component Name	Area [UV-sec]	BL Delta RT [%]
2	7.96	11DCE	9287678 BB	0.00
3	10.01	MECL2	13942071 BB	2.73
4	10.91	T12DCE	10482003 BB	-6.55
5	13.20	11DCE	325620 BB	0.00
6	15.67	C12DCE	15429569 BB	0.00
7	16.98	CHCL3	559772 BV	0.00
8	17.20	111TCE	768625 VV	0.00
9	17.62	CCL4	172893 VB	-2.20
10	18.86	12DCE	293677 BB	0.00
11	20.72	TRCLE	19611736 BB	0.00
12	28.68	112TCE+TCLEE	17291566 BB	1.10
13	38.15	BFB	819745 PM	-0.19
14	38.82	1122TCLEA	2044418 BB	-0.10

```

91029568

```

000308

Chromatogram

46 314

FileName : D:\2700\BRUCE\X\3744021.raw

Date : 11/22/93 8:03 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

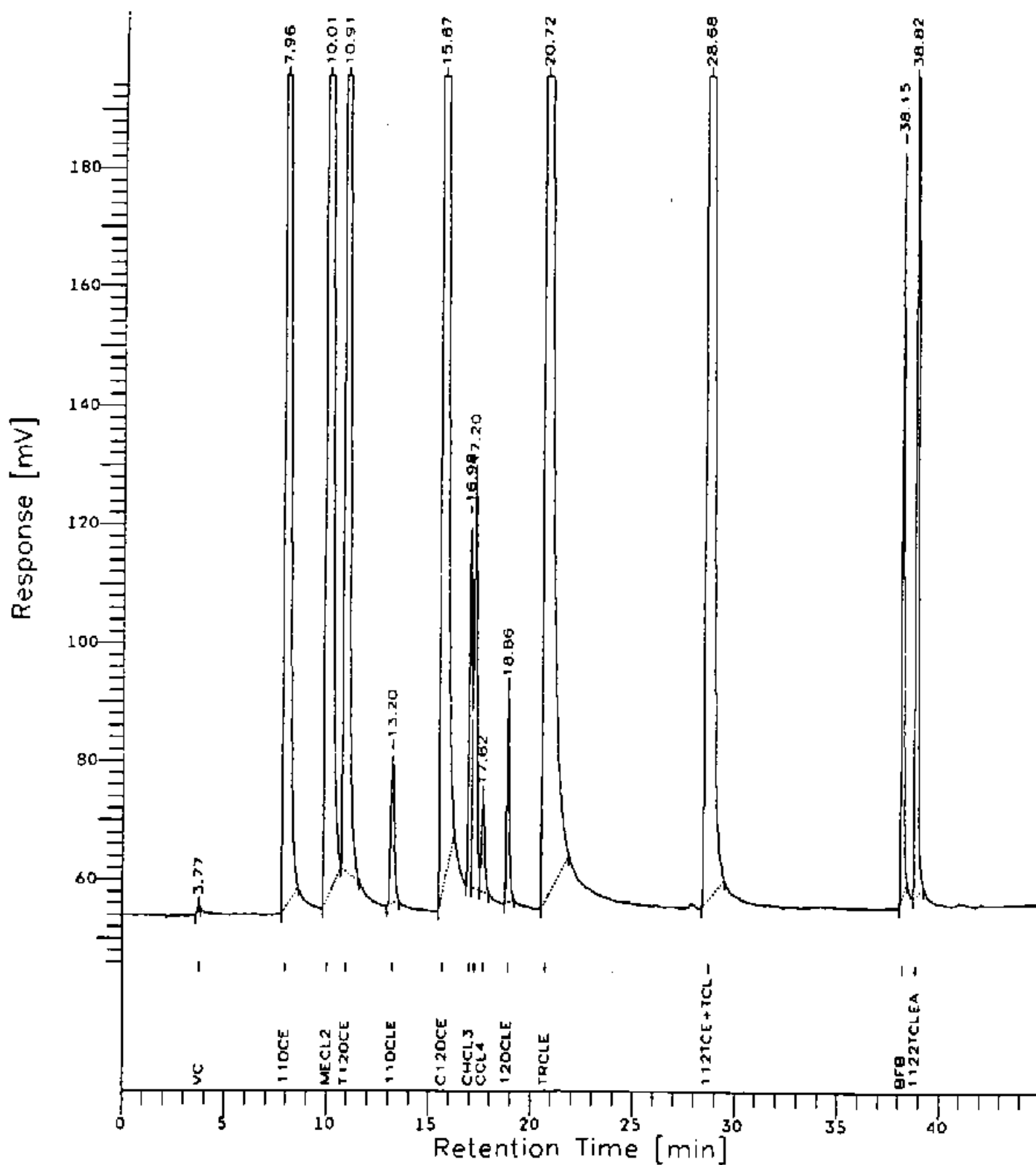
Low Point : 45.87 mV

High Point : 195.87 mV

Scale Factor: -1

Plot Offset: 45 mV

Plot Scale: 150 mV



000309

=====

Sample Name	: CDDMTW*41	Time	: 11/22/93 8:04 PM
Sample Number	: 21	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 6:48 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB021.raw
Result File : D:\2700\BRUCE\X\37WB021.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.pro
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
7	10.86	T12DCE	1419978 BB	0.00
13	25.83	TOL	449660 BB	1.13
14	28.64	TCLEE	1466046 BB	0.96
16	35.00	M,P-XYL	2791 BB	0.39
17	38.11	BFB	438959 BB	0.18

3797435

Chromatogram

46 316

FileName : D:\2700\BRUCE\X\3748021.raw

Date : 11/22/93 8:04 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

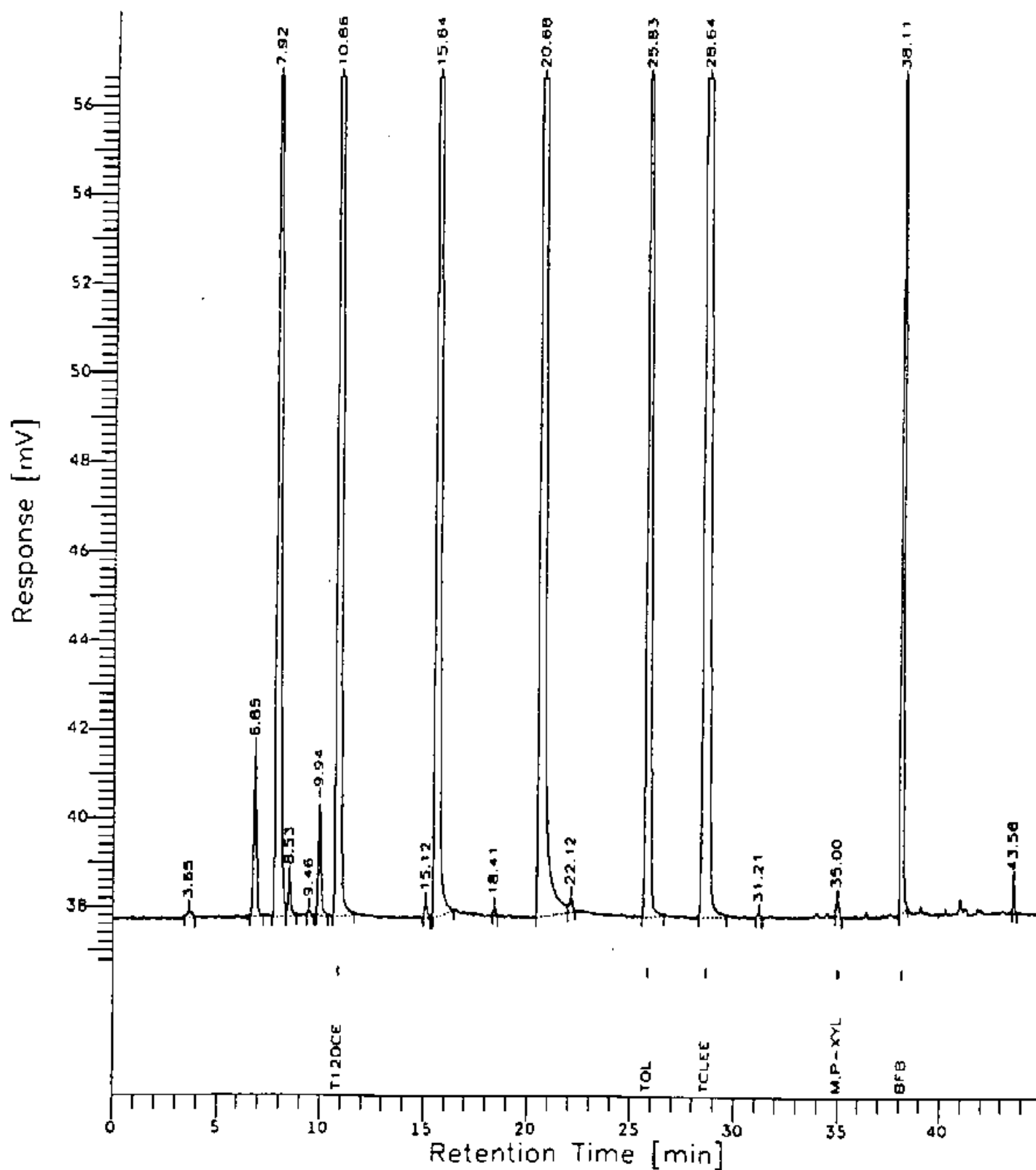
Low Point : 36.65 mV

High Point : 56.65 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



```

=====
Sample Name   : SPM1*TCMM17*1           Time       : 11/22/93  8:05 PM
Sample Number: 22                       Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  7:46 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA022.raw
Result File     : D:\2700\BRUCE\X\37WA022.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 6800.00
Sample Amount   : 1.0000

```

```

=====
                        ELCD REPORT
=====

```

```

=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	5.37	CCL3F	2423289 BB	-1.15
2	7.24	11OCE	2036994 BB	0.00
3	9.99	T12DCE	6500 BB	0.00
4	14.81	C12OCE	1236124 BB	-0.00
5	16.21	CHCL3	2692198 BV	-0.00
6	16.48	111TCE	2650603 V9	0.00
7	20.20	TRCLE	2811079 BB	0.00
8	24.21	C13DCPE	1834127 BB	-0.56
9	27.35	T13DCPE	1260853 BB	-0.56
10	28.26	112TCE+TCLEE	2919499 BB	-0.38
11	33.89	CLBENZ	923158 BB	0.00
12	38.13	BFB	818761 BB	-0.25
13	38.82	1122TCLEA	1045085 BB	-0.10

```

=====
22660350
=====

```

000312

Chromatogram

FileName : D:\2700\BRUCE\X\37WAO22.raw

Date : 11/22/93 8:05 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

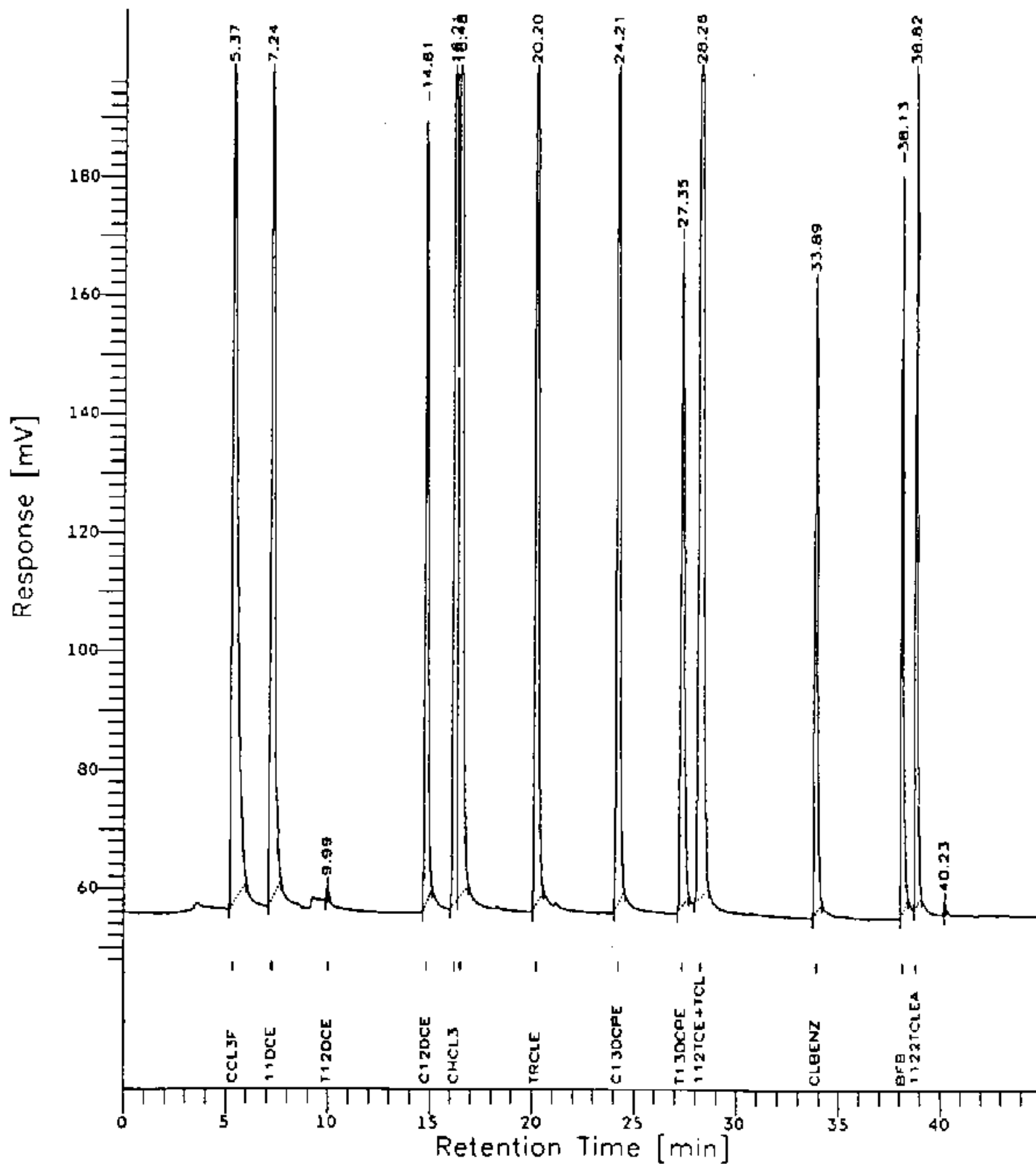
Low Point : 47.52 mV

High Point : 197.52 mV

Scale Factor : -1

Plot Offset: 48 mV

Plot Scale: 150 mV



000313

```

=====
Sample Name   : SPM1*TCMM17*1           Time       : 11/22/93   8:06 PM
Sample Number: 22                       Study        :
Operator      :

```

```

Interface #   : 5           Channel : 8           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93   7:46 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WB022.raw
Result File     : D:\2700\BRUCE\X\37WB022.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGB.prc
Sample File     : D:\2700\BRUCE\MEGB.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ML           Area Reject       : 500.00
Sample Amount   : 1.0000

```

```

=====
                        PID REPORT
=====

```

```

30M MEGAORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
10	10.02	MTBE	144415 BB	1.66
18	17.79	BENZ	1542828 BV	1.49
29	25.40	TOL	290571 BB	-1.69
31	26.21	TCLE	148422 BB	-1.50
33	33.85	CLBENZ	301927 BB	0.10
34	34.37	ETBENZ	421664 BV	0.13
35	34.91	M,P-XYL	9045 VB	0.13
36	36.35	O-XYL	7880 BB	0.14
38	38.09	BFB	459996 BB	0.12
41	40.23	M-DCB	3998 BB	-1.59
42	41.24	P-DCB	2713 BB	0.25
44	42.17	O-DCB	3352 BB	0.43

```

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3336812
=====

```

000314

Chromatogram

46 320

FileName : D:\2700\BRUCE\X\3748022.raw

Date : 11/22/93 8:06 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

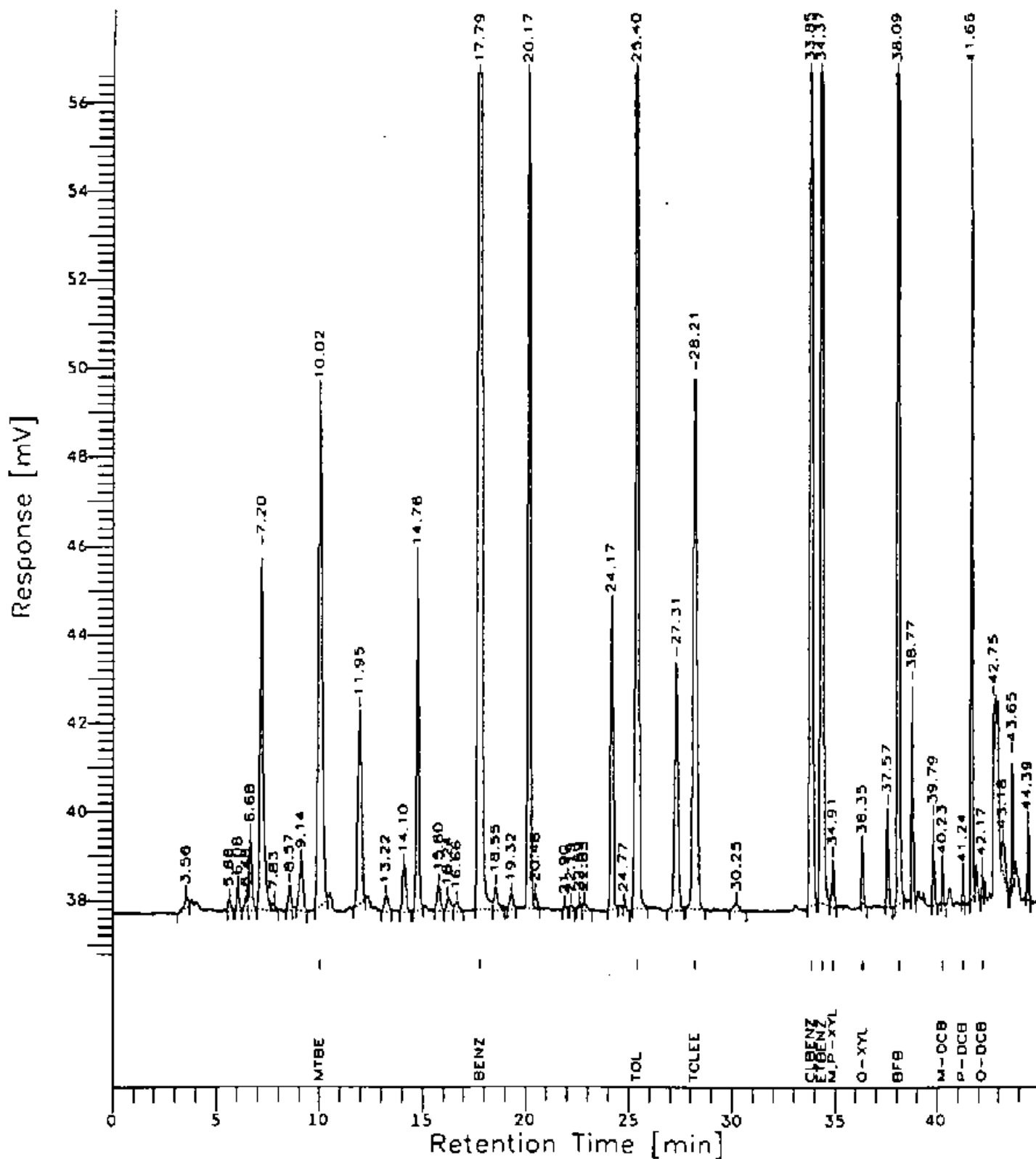
Low Point : 36.66 mV

High Point : 56.66 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



46 321

Sample Name : SPM2*TCMM17*1 Time : 11/22/93 8:08 PM
Sample Number : 23 Study :
Operator :

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 8:46 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA023.raw
Result File : D:\2700\BRUCE\X\37WA023.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

ELCD REPORT

30M MEGABORE DB624 GC#871237

Peak #	Ret Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
1	5.32	CCL3F	2401152 BB	-2.09
2	7.16	110CE	2090534 BB	-1.10
3	14.66	C12DCE	1062486 BB	-1.00
4	16.06	CHCL3	2543013 BV	-0.80
5	16.35	111TCE	2507094 VB	-0.76
6	20.14	TRCLE	2606563 BB	-0.31
7	24.18	C13DCPE	1798976 BB	-0.68
8	27.34	T13DCPE	1199731 BB	-0.60
9	28.24	112TCE+TCLEE	2891059 BB	-0.46
10	33.82	CLBENZ	887405 BB	-0.20
11	38.11	BFB	777627 BB	-0.31
12	38.80	1122TCLEA	1025316 BB	-0.15

21792960

000316

Chromatogram

46 322

Filename : D:\2700\BRUCE\X\3744023.raw

Date : 11/22/93 8:08 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

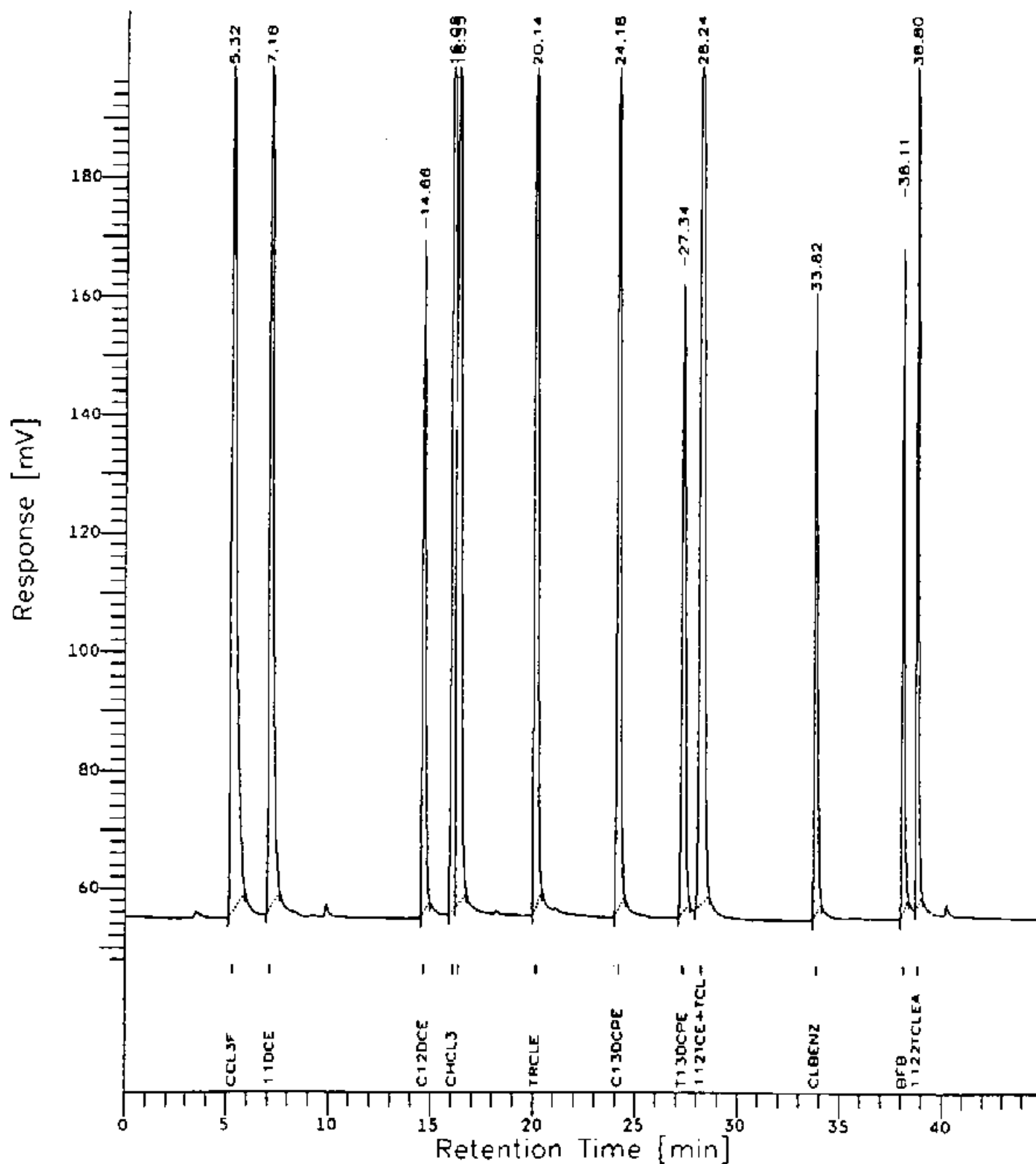
Low Point : 47.19 mV

High Point : 197.19 mV

Scale Factor: -1

Plot Offset: 47 mV

Plot Scale: 150 mV



000317

```

=====
Sample Name   : SPM2*TCMH17*1      Time       : 11/22/93  8:11 PM
Sample Number: 23                  Study        :
Operator      :

```

```

Interface #   : 5          Channel : B          A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  8:46 PM
Delay Time        : 0.00   min.
End Time          : 45.00   min.
Sampling Rate     : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WB023.raw
Result File     : D:\2700\BRUCE\X\37WB023.rst
Instrument File : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGB.prc
Sample File     : D:\2700\BRUCE\MEGB.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1          ML      Area Reject      : 500.00
Sample Amount  : 1.0000

```

PID REPORT

```

=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
9	9.93	MTBE	149482 BB	0.74
19	17.68	BENZ	1500132 BV	-0.61
27	25.39	TOL	285658 BB	-0.02
29	28.19	TCLEE	141420 BB	-0.06
31	33.78	CLBENZ	291084 BB	-0.10
32	34.30	ETBENZ	401588 BB	-0.07
33	34.83	M,P-XYL	5933 BB	-0.08
34	36.28	O-XYL	33198 BB	-0.03
36	38.07	BFB	458432 BB	0.06
40	40.62	M-DCB	4315 BB	-0.64
41	41.26	P-DCB	2785 BB	0.30
43	42.22	O-DCB	3757 BB	0.54

3277783

000318

Chromatogram

FileName : D:\2700\BRUCE\X\J7MB023.raw

Date : 11/22/93 8:11 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

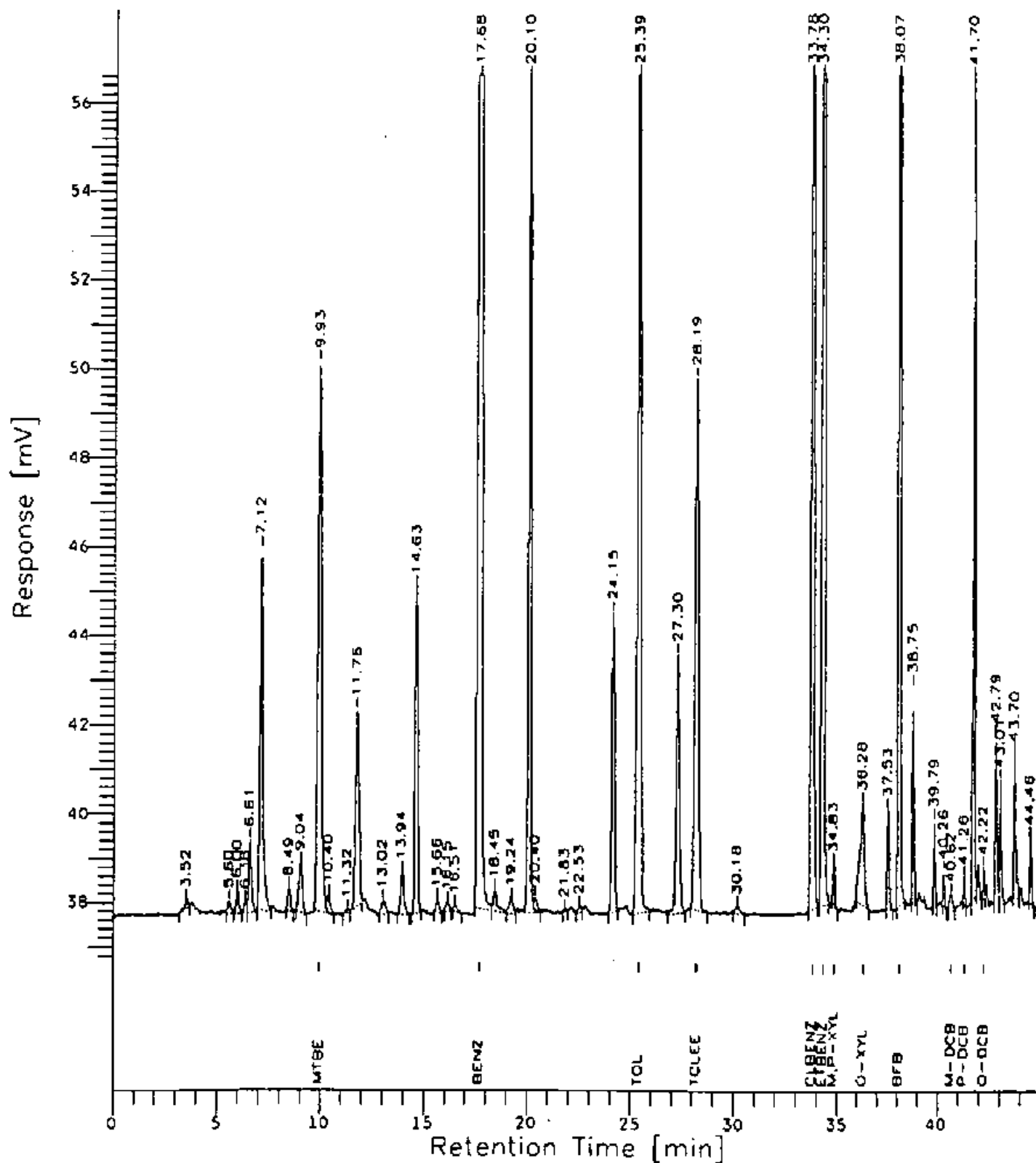
Low Point : 35.66 mV

High Point : 56.66 mV

Scale Factor : -1

Plot Offset : 37 mV

Plot Scale : 20 mV



000319

```

=====
Sample Name   : SP1*1117B*1           Time       : 11/22/93  8:13 PM
Sample Number: 24                     Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  9:45 PM
Delay Time       : 0.00   min.
End Time        : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA024.raw
Result File     : D:\2700\BRUCE\X\37WA024.rst
Instrument File : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ul           Area Reject      : 6800.00
Sample Amount  : 1.0000

```

```

=====
                        ELCD REPORT
=====

```

```

30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	BL Delta	RT [%]
1	5.26	OCL3F	2254142	BB	-3.03
2	7.10	11OCE	1904782	BB	-1.96
3	15.98	CHCL3	2712047	BY	0.00
4	16.25	111TCE	2617253	VB	0.21
5	20.05	TRCLE	2565943	BB	-0.76
6	24.12	C13DCPE	1835257	BB	-0.93
7	27.30	T13DCPE	1286465	BB	-0.74
8	28.19	112TCE+TCLEE	2677662	BB	-0.62
9	33.86	CLBENZ	919421	BB	-0.10
10	38.09	BFB	790510	BB	-0.36
11	38.77	1122TCLEA	1036354	BB	-0.22

```

20599836

```

000320

Chromatogram

FileName : D:\2700\BRUCE\X\3740024.raw

Date : 11/22/93 8:13 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

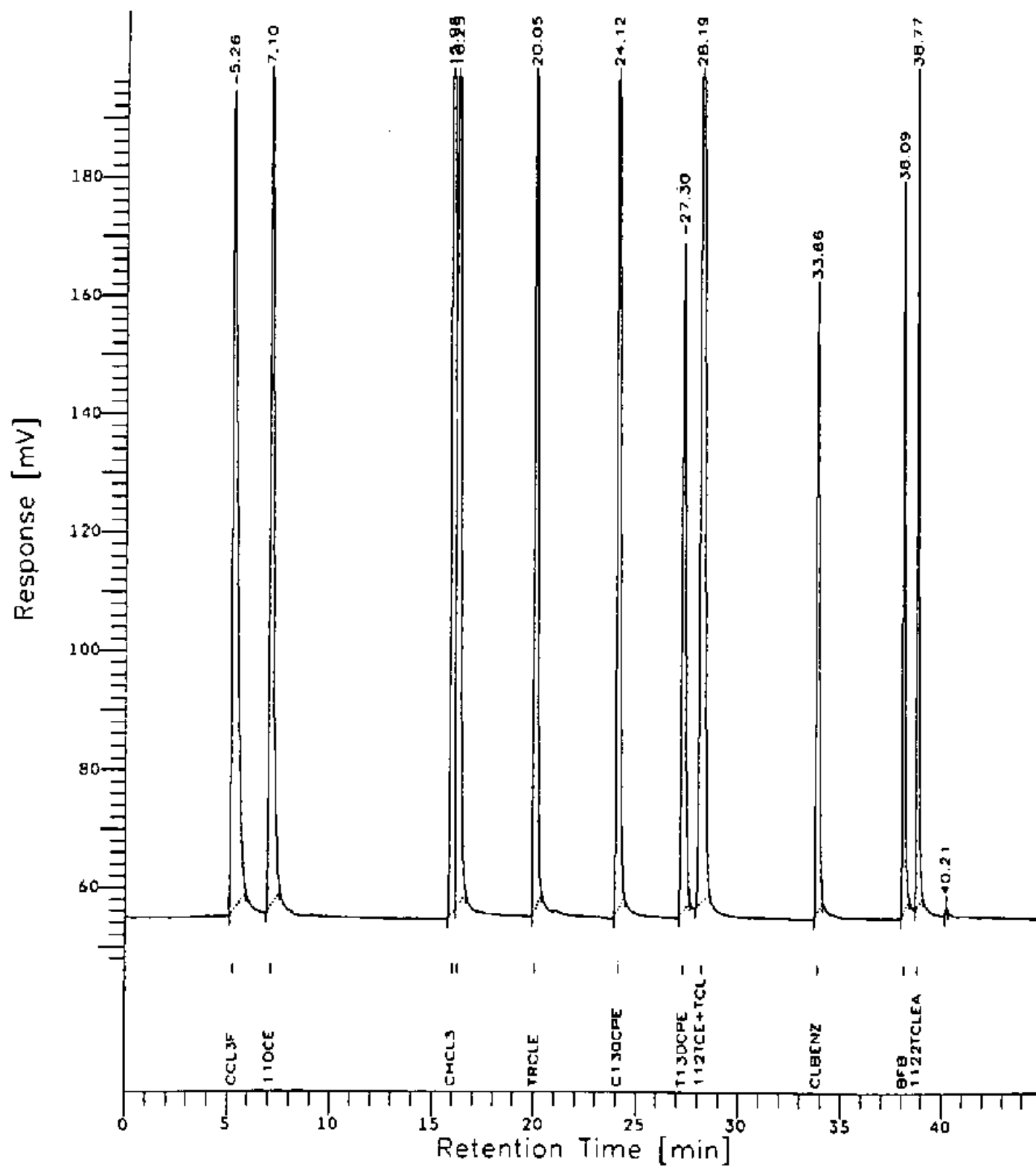
Low Point : 47.07 mV

High Point : 197.07 mV

Scale Factor : -1

Plot Offset : 47 mV

Plot Scale : 150 mV



000321

=====

Sample Name	: SP1*1117B*1	Time	: 11/22/93 8:14 PM
Sample Number	: 24	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 9:45 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WBO24.raw
Result File : D:\2700\BRUCE\X\37WBO24.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
4	9.86	MTBE	72845 MM	0.05
5	17.58	BENZ	292383 BB	-1.15
8	25.32	TOL	781165 BB	-0.31
10	28.16	TCLEE	139828 BB	-0.18
11	33.81	CLBENZ	300655 BB	0.00
12	34.33	ETBENZ	261926 BB	0.03
13	36.47	O-XYL	25369 BB	0.48
14	38.05	BFB	435879 BB	0.02

1810150

000322

Chromatogram

FileName : 0:\2700\BRUCE\A\3748024.raw

Date : 11/22/93 8:14 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

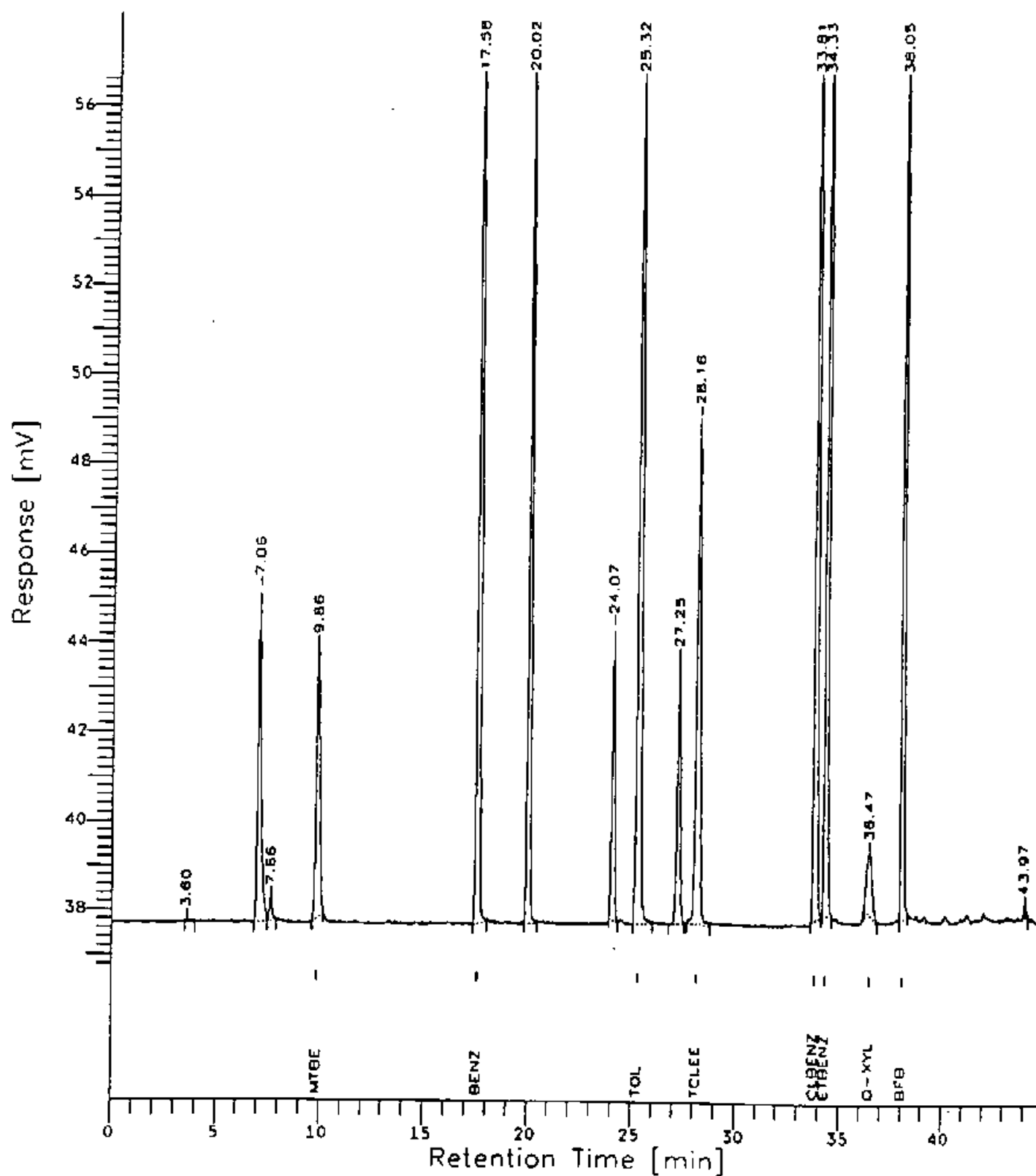
Low Point : 36.63 mV

High Point : 56.63 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000323

Sample Name : CDDMTW*42 Time : 11/22/93 8:16 PM
 Sample Number: 25 Study :
 Operator :

Interface # : 5 Channel : A A/D mV Range : 10000
 AutoSampler : None attached
 Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 10:45 PM
 Delay Time : 0.00 min.
 End Time : 45.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA025.raw
 Result File : D:\2700\BRUCE\X\37WA025.rst
 Instrument File: D:\2700\BRUCE\MEGA.ins
 Process File : D:\2700\BRUCE\MEGA.prc
 Sample File : D:\2700\BRUCE\MEGA.smp
 Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
 Sample Amount : 1.0000

ELCD REPORT

30M MEGABORE DB624 GC#871237

Peak #	Ret. Time [min]	Component Name	Area [UV-sec]	BL Delta RT [%]
1	9.78	112DCE	3348449 BB	-2.10
2	14.56	C12DCE	10711132 BB	-1.65
3	15.99	CHCL3	387686 BV	0.07
4	16.72	CCL4	102107 VB	0.00
5	18.09	12DCE	67099 BB	0.00
6	20.10	TRCLE	24996194 MM	-0.51
8	28.21	112DCE+TCLEE	2725882 BB	-0.54
11	38.06	BFB	787596 BB	-0.45
12	38.76	11227CLEA	8697385 BB	-0.25

91823532

000324

Chromatogram

46 330

FileName : D:\2700\BRUCE\X\3744025.raw

Date : 11/22/93 8:16 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

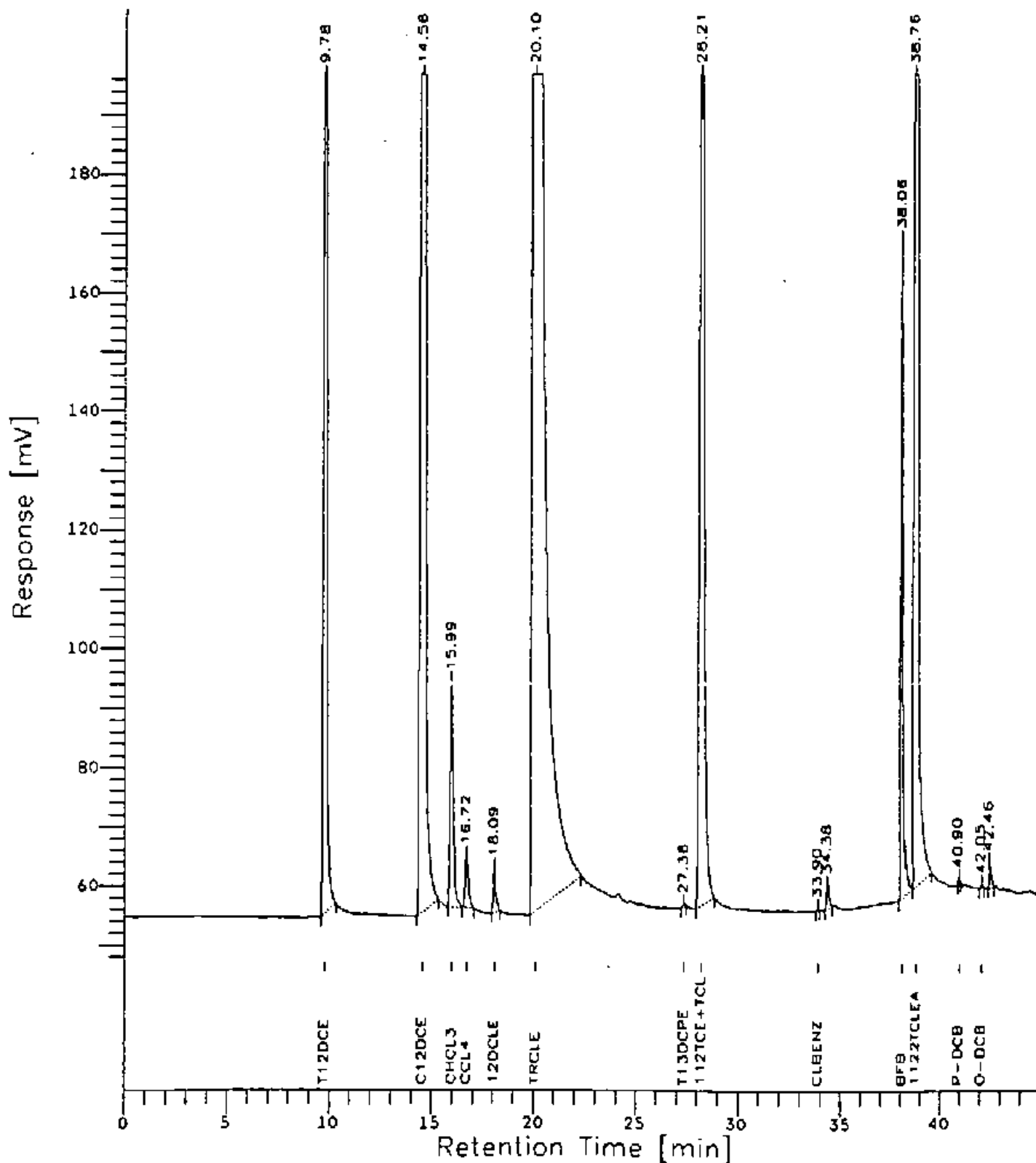
Low Point : 47.08 mV

High Point : 197.08 mV

Scale Factor : -1

Plot Offset: 47 mV

Plot Scale: 150 mV



=====

Sample Name	: CDDMTW*42	Time	: 11/22/93 8:17 PM
Sample Number	: 25	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 10:45 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB025.raw
Result File : D:\2700\BRUCE\X\37WB025.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
1	9.73	T120CE	389795 BB	-1.27
3	17.57	BBN2	1418 BB	-1.24
5	25.30	TOL	1617 BB	-0.40
6	28.16	TCLLE	127306 BB	-0.16
7	38.02	BFB	411358 MM	-0.07

931493

Chromatogram

46 332

FileName : D:\2700\BRUCE\X\J748025.raw

Date : 11/22/93 8:17 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

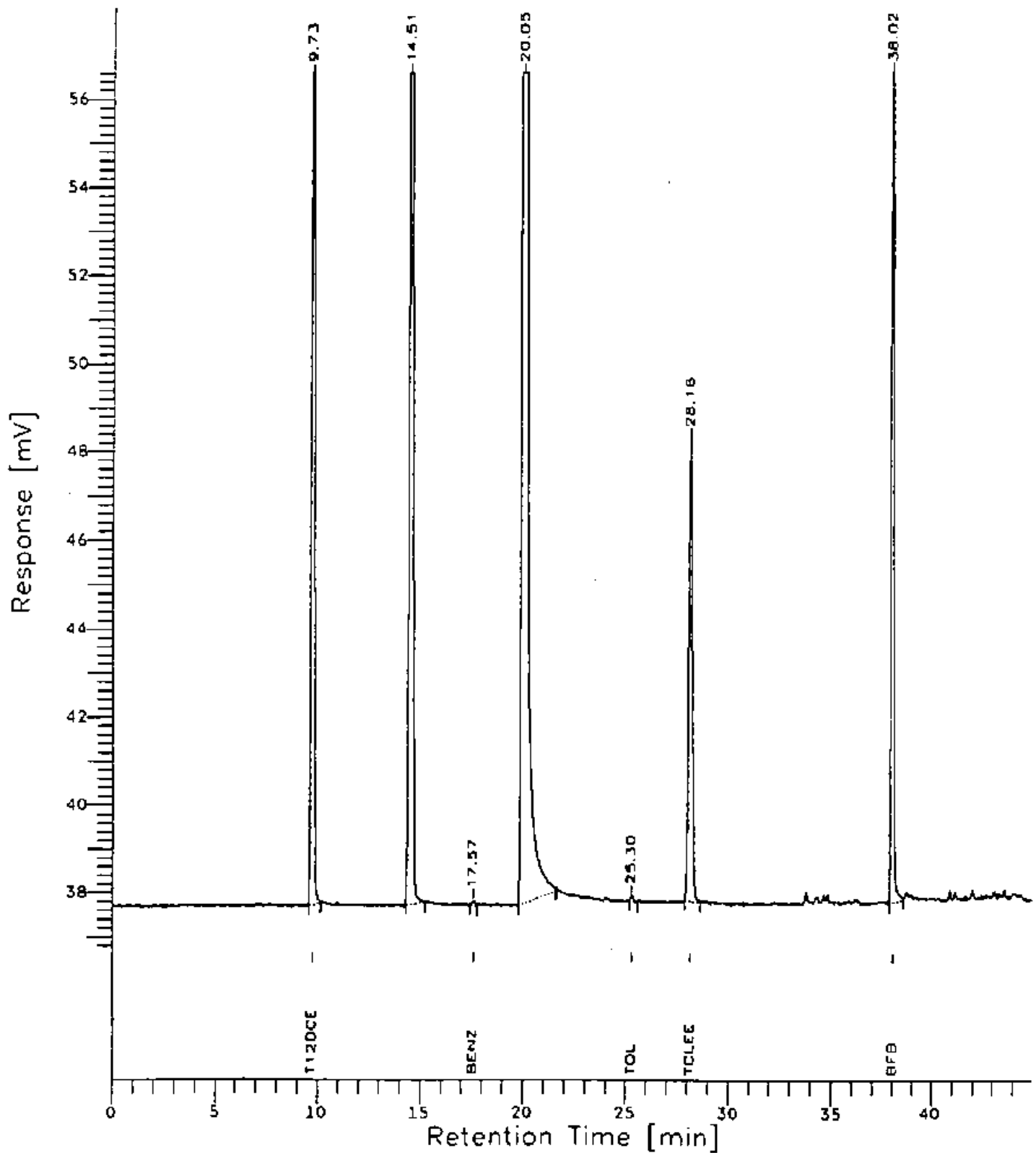
Low Point : 36.64 mV

High Point : 56.64 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000327

```

=====
Sample Name   : CDDMTW*53           Time       : 11/22/93  8:47 PM
Sample Number : 26                  Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/18/93  11:44 PM
Delay Time       : 0.00   min.
End Time        : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA026.raw
Result File     : D:\2700\BRUCE\X\37WA026.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ul           Area Reject       : 6800.00
Sample Amount  : 1.0000

```

```

=====
                        ELCD REPORT
=====

```

```

=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	9.06	MECL2	9195 BB	+2.32
2	20.08	TCLE	134728 BB	-0.59
3	38.07	BFB	752478 MM	-0.42
4	38.76	1122TCLEA	159955 BB	-0.25

```

=====
1056356
=====

```

Chromatogram

46 334

FileName : D:\2700\BRUCE\X\374A026.raw

Date : 11/22/93 8:47 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

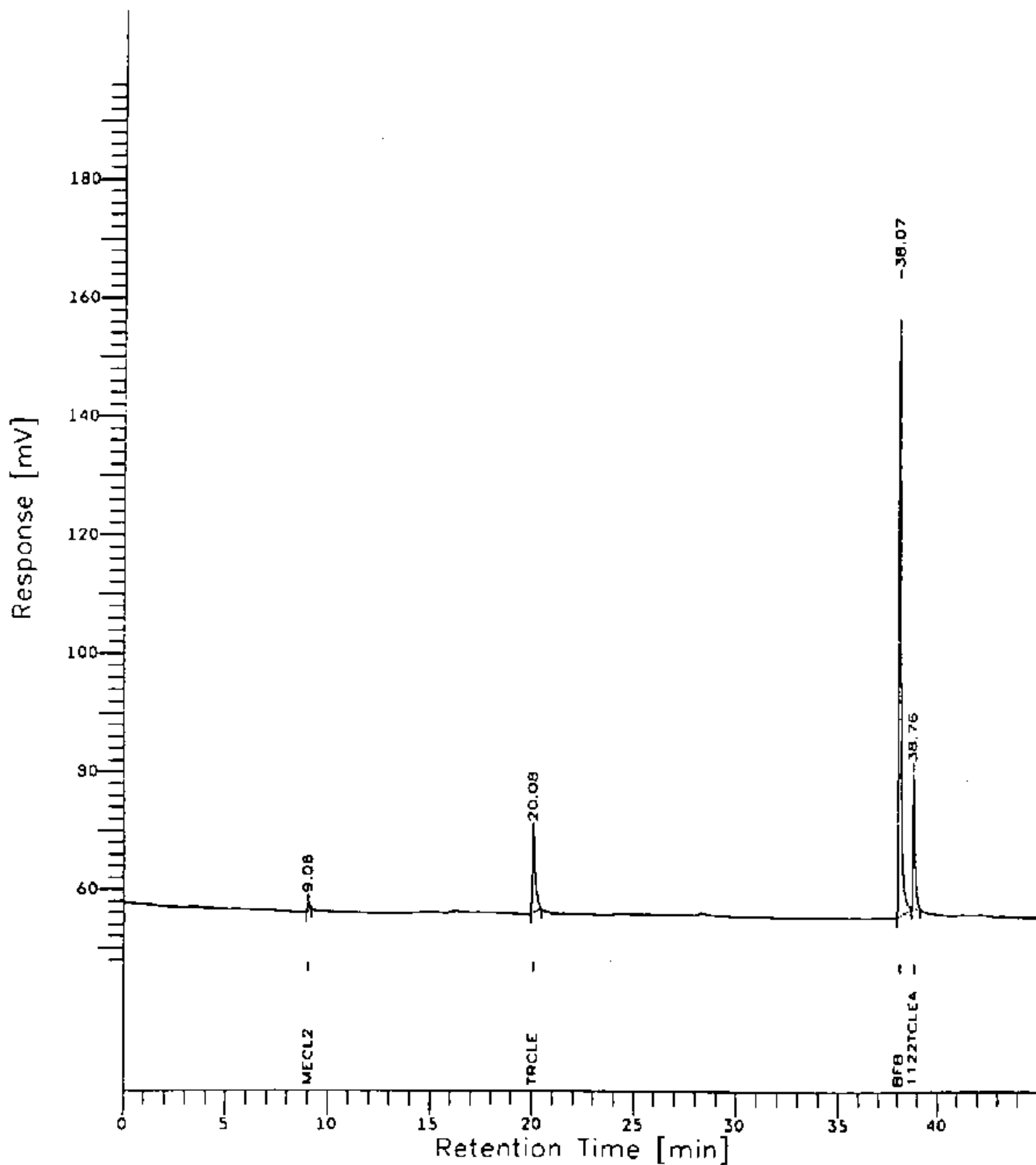
Low Point : 47.71 mV

High Point : 197.71 mV

Scale Factor: -1

Plot Offset: 48 mV

Plot Scale: 150 mV



000329

=====

Sample Name	: CDDMTW*53	Time	: 11/22/93 8:47 PM
Sample Number	: 26	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/18/93 11:44 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB026.raw
Result File : D:\2700\BRUCE\X\37WB026.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]

4	38.03	BFB	436103	BB -0.05

436103

Chromatogram

46 336

FileName : D:\2700\BRUCE\X\37MB026.raw

Date : 11/22/93 8:47 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

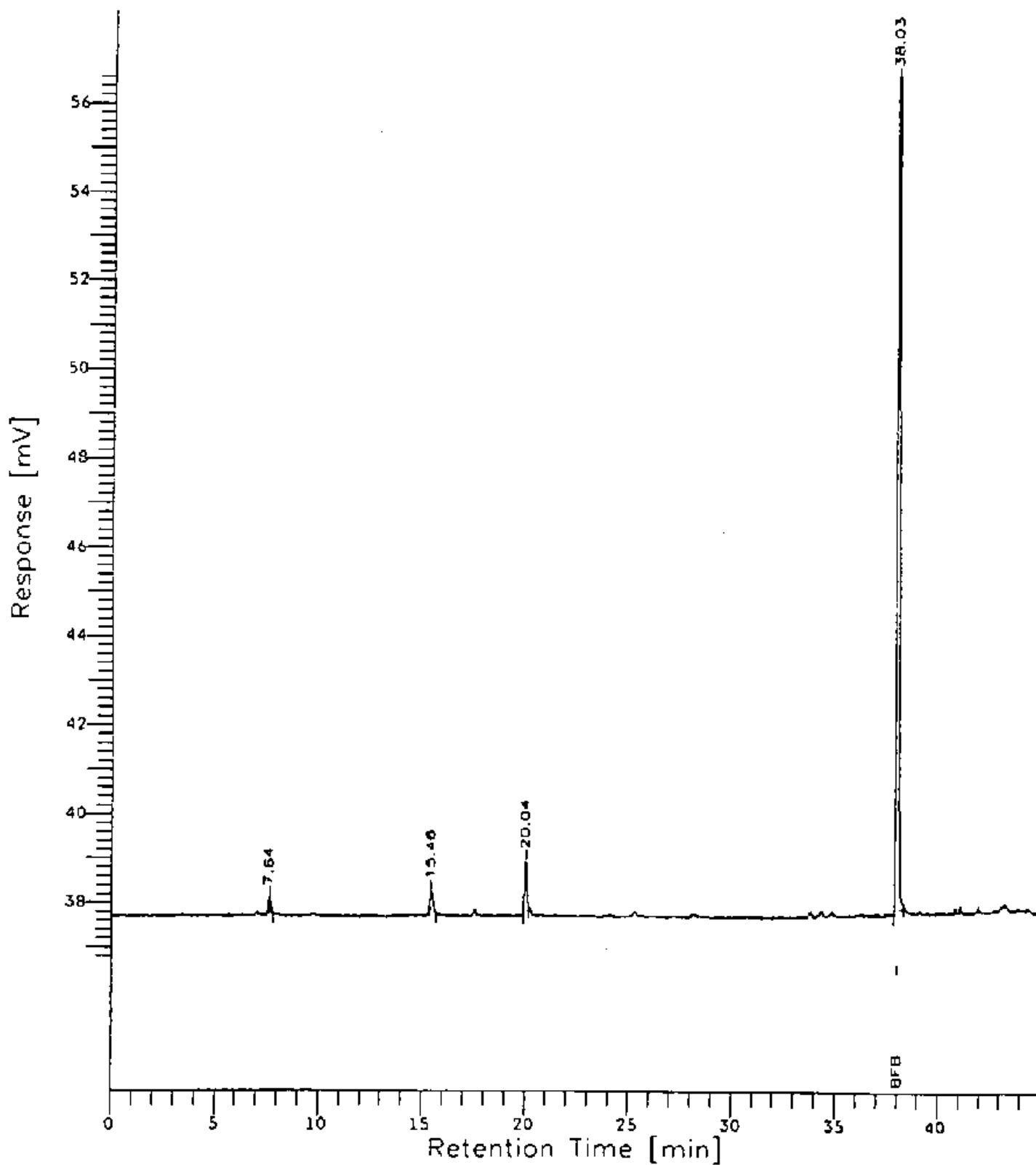
Low Point : 36.64 mV

High Point : 56.64 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000331

=====

Sample Name	: CDDMTW*56	Time	: 11/22/93 8:47 PM
Sample Number	: 27	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 12:43 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA027.raw
Result File : D:\2700\BRUCE\X\37WA027.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

=====

ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
1	9.08	MECL2	10992 BB	-2.02
2	20.10	TRCLE	24968 BB	-0.51
3	38.10	BFB	766091 MM	-0.34
4	38.63	1122TCLEA	13781 MM	-0.09

815632

Chromatogram

46 338

FileName : D:\2700\BRUCE\X\37WAO27.raw

Date : 11/22/93 8:47 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

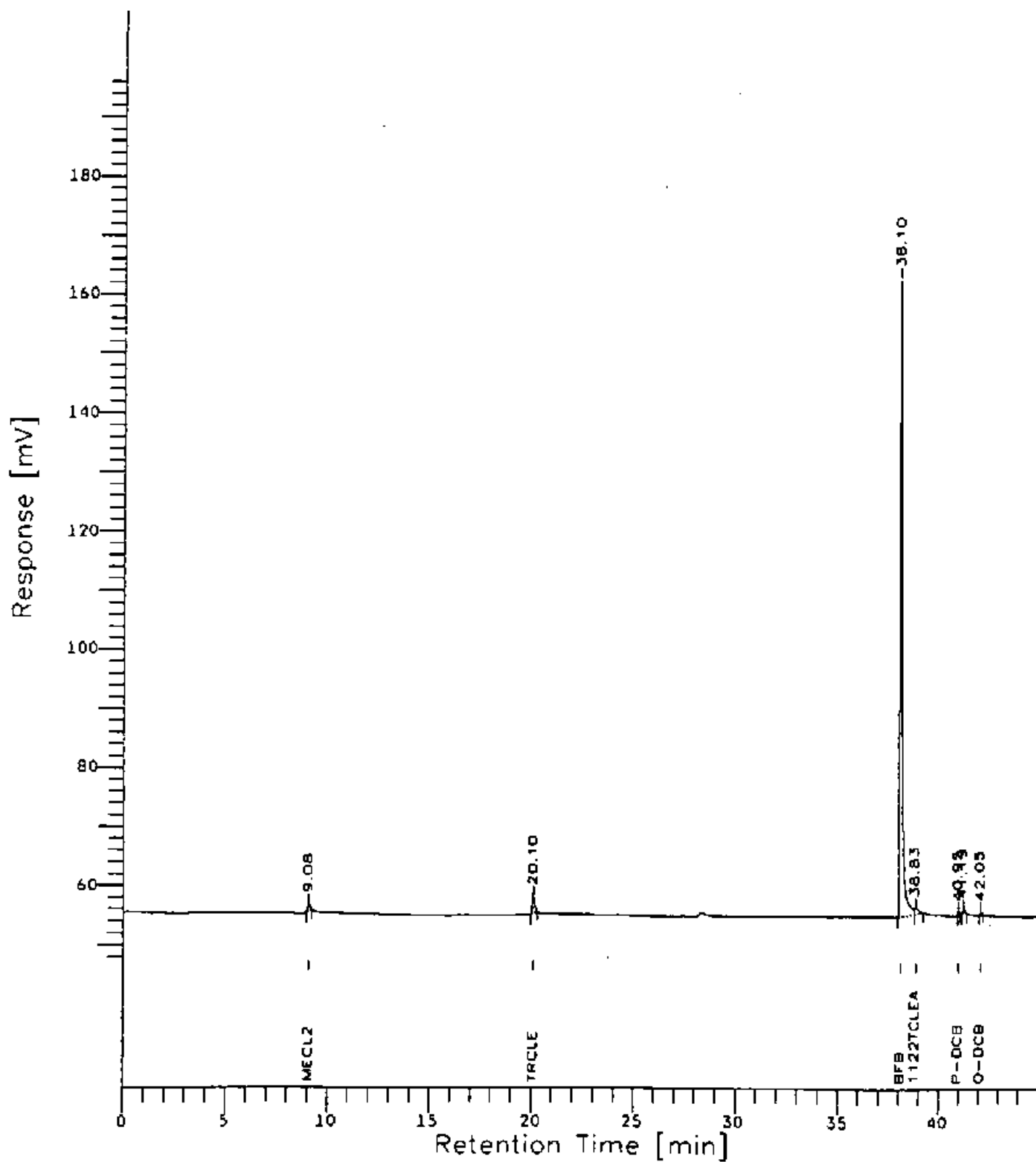
Low Point : 47.23 mV

High Point : 197.23 mV

Scale Factor: -1

Plot Offset: 47 mV

Plot Scale: 150 mV



000333

```

=====
Sample Name   : CDDMTW*56           Time       : 11/22/93  8:47 PM
Sample Number: 27                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : B           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/19/93 12:43 AM
Delay Time        : 0.00 min.
End Time          : 45.00 min.
Sampling Rate     : 2.9412 pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WB027.raw
Result File     : D:\2700\BRUCE\X\37WB027.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGB.prc
Sample File     : D:\2700\BRUCE\MEGB.smp
Sequence File   : D:\2700\BRUCE\X\CODM1117.seq

```

```

Inj. Volume     : 1           ML           Area Reject       : 500.00
Sample Amount   : 1.0000

```

```

=====
                        PID REPORT
=====

```

```

30M MEGABORE DB624 GC#871237
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```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
3	34.87	M,P-XYL	966 BB	0.02
4	38.05	SPB	452297 BB	0.02
5	40.88	M-OCB	2264 BB	-0.01
6	41.12	P-OCB	2739 BB	-0.04
7	41.98	O-OCB	1185 BB	-0.01

```

459451

```

Chromatogram

46 340

FileName : D:\2700\BRUCE\X\3748027.raw

Date : 11/22/93 8:47 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

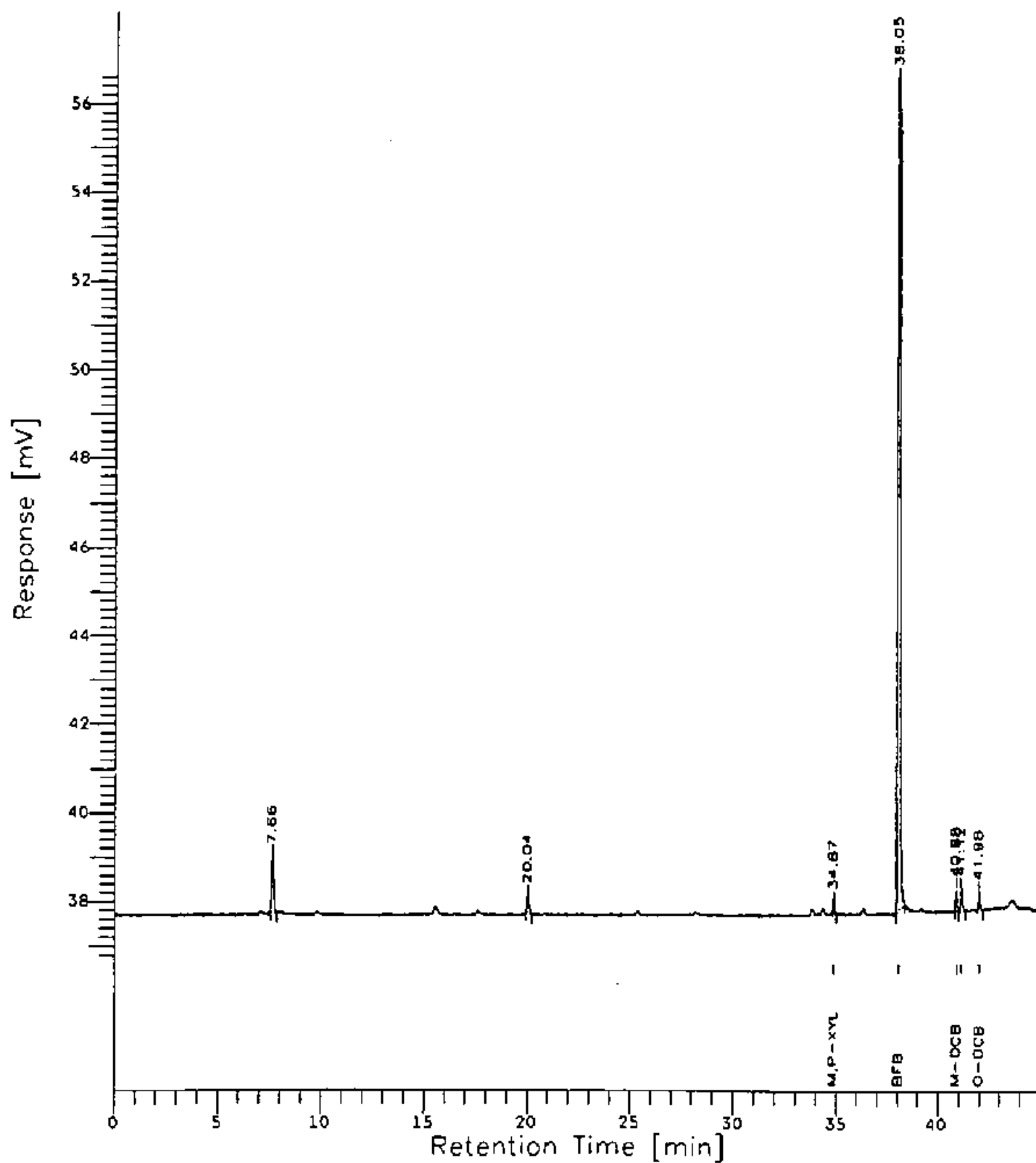
Low Point : 36.63 mV

High Point : 56.63 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000335

=====

Sample Name	: CODMTW*57	Time	: 11/22/93 8:47 PM
Sample Number	: 28	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 1:43 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA028.raw
Result File : D:\2700\BRUCE\X\37WA028.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

=====

ELCD REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	9.03	MECL2	134239 BB	-2.57
2	20.09	TRCLE	12918 BB	-0.56
3	36.05	BFB	746138 MM	-0.47

093195

Chromatogram

46 342

FileName : D:\2700\BRUCE\X\3744028.raw

Date : 11/22/93 8:47 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

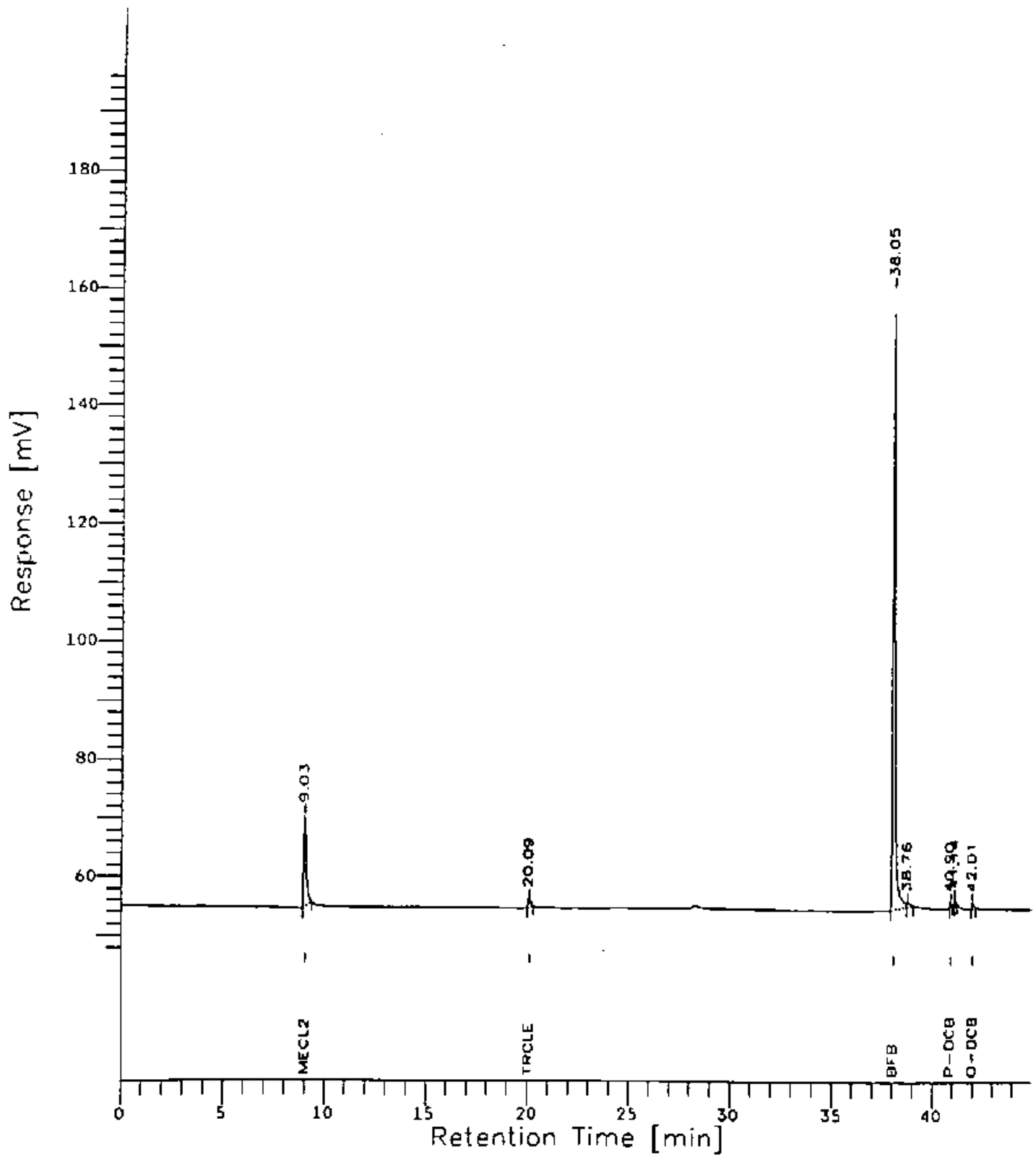
Low Point : 46.87 mV

High Point : 196.87 mV

Scale Factor: -1

Plot Offset: 47 mV

Plot Scale: 150 mV



000337

=====

Sample Name	: CDDMTW*57	Time	: 11/22/93 8:48 PM
Sample Number	: 28	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 1:43 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB028.raw
Result File : D:\2700\BRUCE\X\37WB028.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

=====

30M MEGABORE DB624 GCH871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
3	38.01	BFB	439926 BB	-0.10
4	40.83	M-DCB	3431 BB	-0.13
5	41.08	P-DCB	3210 BB	-0.12
6	41.94	D-DCB	2802 BB	-0.12

449368

000338

Chromatogram

46 344

FileName : D:\2700\BRUCE\X\3748028.raw

Date : 11/22/93 8:48 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

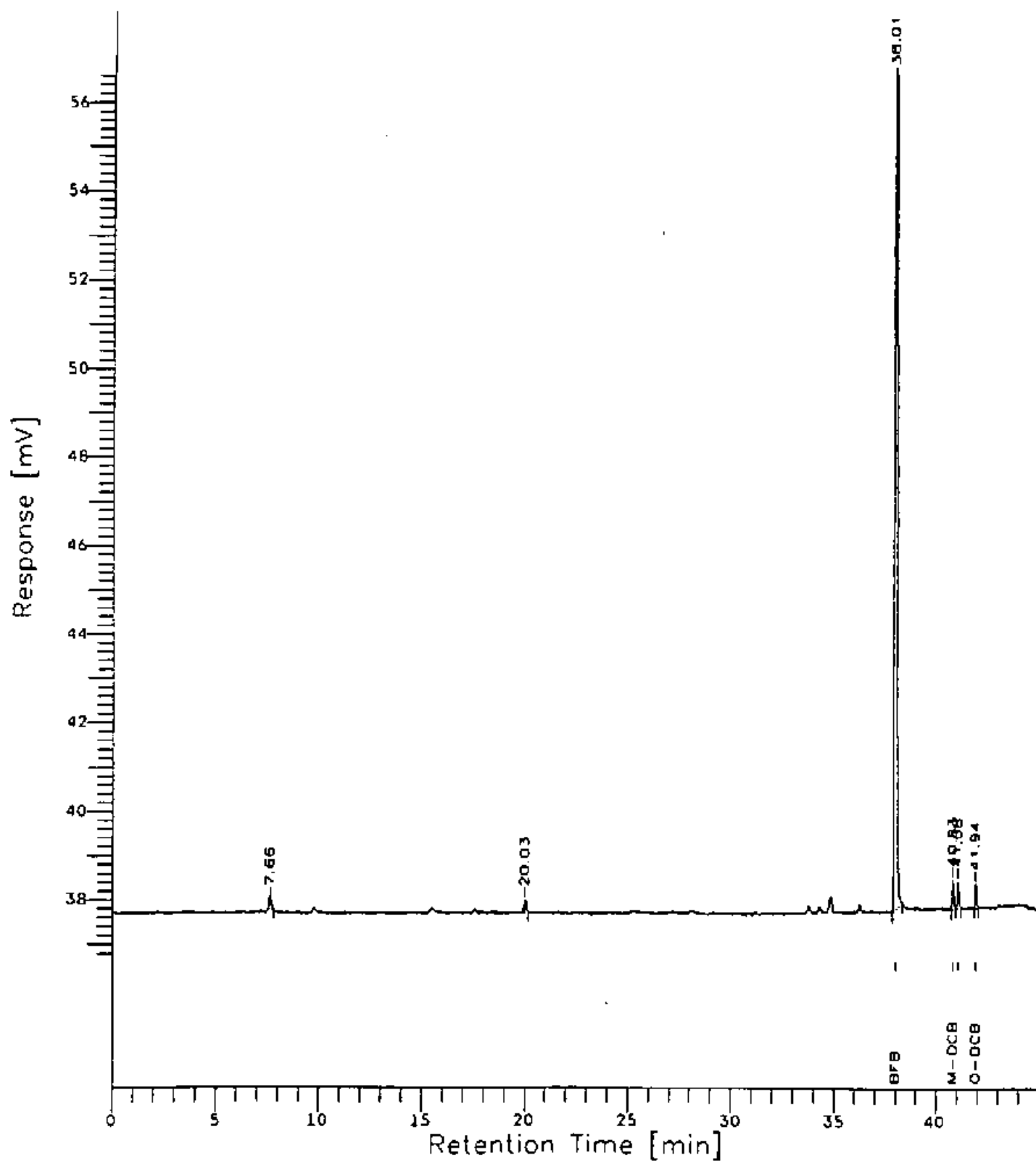
Low Point : 36.63 mV

High Point : 56.63 mV

Scale Factor : -1

Plot Offset : 37 mV

Plot Scale : 20 mV



000339

=====

Sample Name	: CDDMTW*58	Time	: 11/22/93 8:48 PM
Sample Number	: 29	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 2:42 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA029.raw
Result File : D:\2700\BRUCE\X\37WA029.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

=====

ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]

2	36.10	BFB	773055 mV	-0.34

773055

Chromatogram

46 346

FileName : D:\2700\BRUCE\X\3740029.raw

Date : 11/22/93 8:48 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

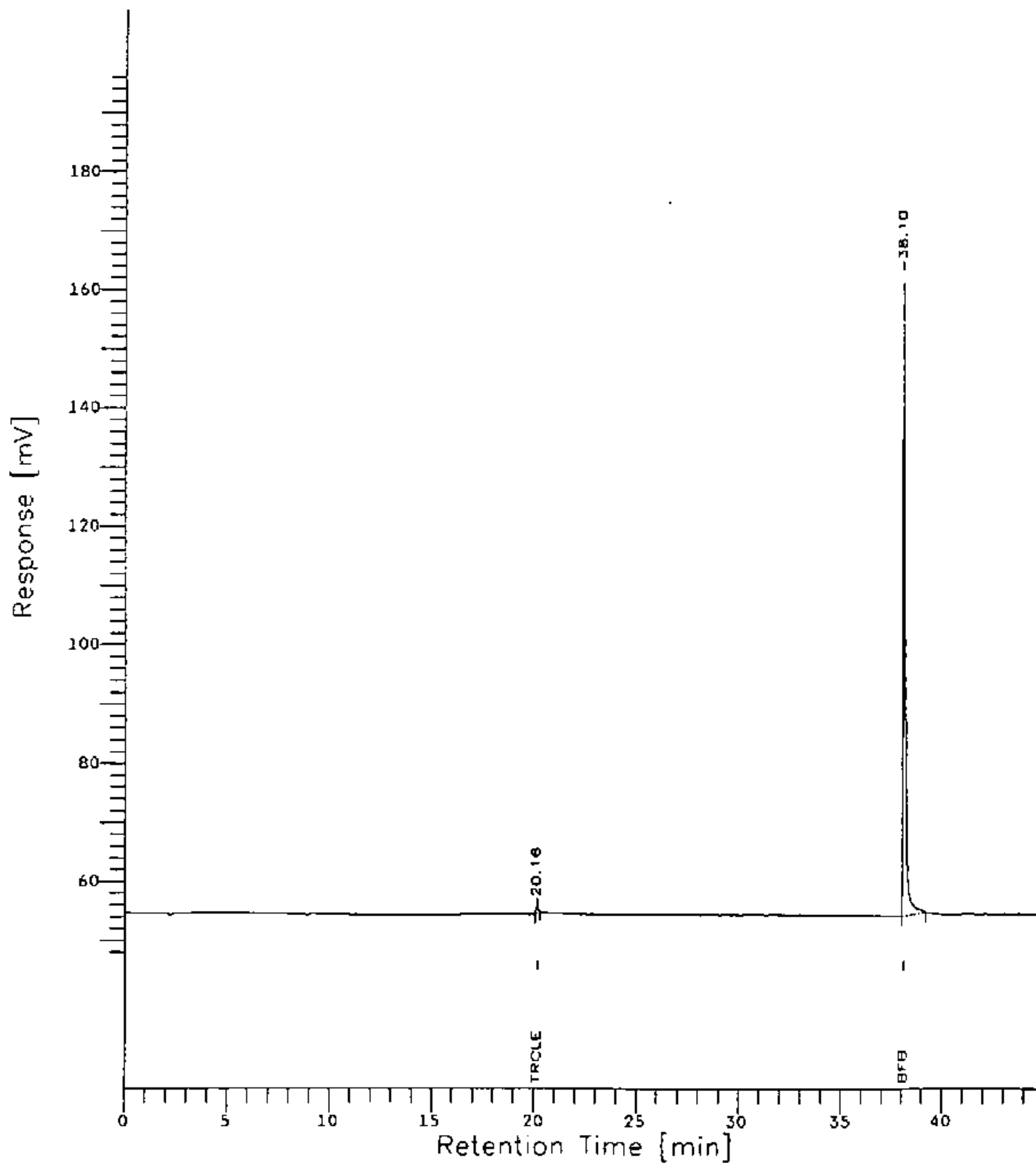
Low Point : 46.57 mV

High Point : 196.57 mV

Scale Factor: -1

Plot Offset: 47 mV

Plot Scale: 150 mV



000341

=====

Sample Name	: CDDMTW*58	Time	: 11/22/93 8:48 PM
Sample Number	: 29	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 2:42 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37W8029.raw
Result File : D:\2700\BRUCE\X\37W8029.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

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PID REPORT

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30M MEGABORE D8624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [UV-sec]	SL Delta RT [%]

2	38.06	BFB	465144	0.03

465144

Chromatogram

46 348

FileName : D:\2700\BRUCE\X\374B029.raw

Date : 11/22/93 8:48 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

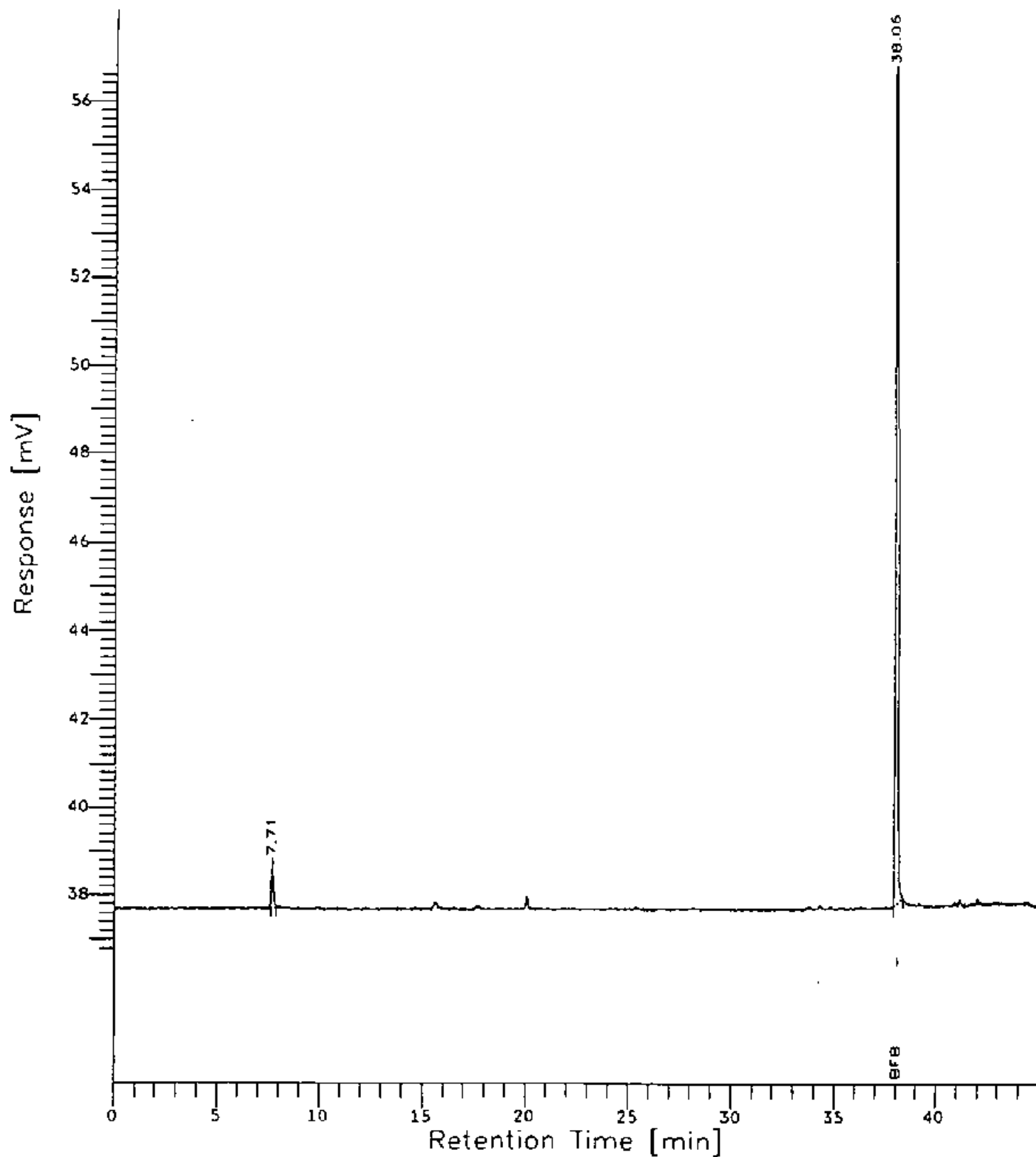
Low Point : 36.63 mV

High Point : 56.63 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000343

=====

Sample Name	: TCMM17*1	Time	: 11/22/93 8:48 PM
Sample Number	: 30	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 3:41 AM
Delay Time : 0.00 min.
End Time : 45.01 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA030.raw
Result File : D:\2700\BRUCE\X\37WA030.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

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ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	BL Delta RT [%]
3	14.67	C12DCE	1264715 BB	-0.96
4	20.13	TRCLE	171853 BB	-0.34
5	28.27	112TCE+TCLEE	113307 BB	-0.36
6	38.08	BFB	770064 MM	-0.40

2319939

Chromatogram

FileName : D:\2700\BRUCE\X\37MA030.raw

Date : 11/22/93 8:48 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.01 min

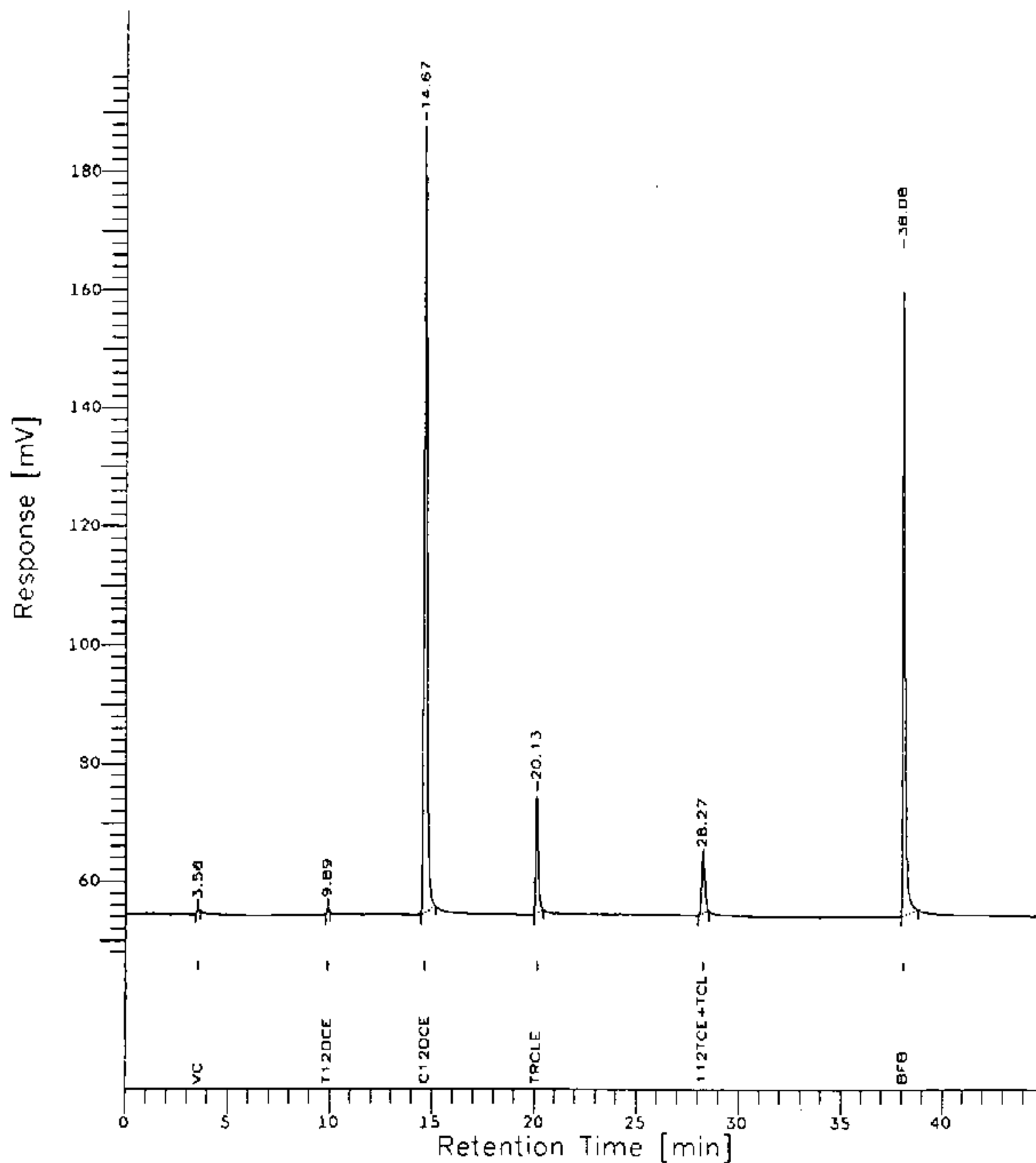
Low Point : 46.43 mV

High Point : 196.43 mV

Scale Factor : -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000345

=====

Sample Name	: TCMM17*1	Time	: 11/22/93 8:48 PM
Sample Number	: 30	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 3:41 AM
Delay Time : 0.00 min.
End Time : 45.01 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB030.raw
Result File : D:\2700\BRUCE\X\37WB030.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

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PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uv-sec]	BL	Delta RT [%]
6	9.91	MTBE	59388	BB	0.51
11	17.67	BENZ	1154994	BB	-0.64
14	25.36	TOL	7166	BB	-0.16
15	28.20	TCLEE	6263	BB	-0.04
16	34.33	ETBENZ	112725	BB	0.02
17	34.85	M,P-XYL	6880	BB	-0.03
18	36.29	O-XYL	8374	BB	-0.02
20	38.04	BFB	436693	BB	-0.03
23	40.19	M-DCB	4376	BB	-1.69
24	41.20	P-DCB	2846	BB	0.17
26	41.67	O-DCB	5516	VB	-0.28

1805219

Chromatogram

46 352

FileName : D:\2700\BRUCE\1\3746030.raw

Date : 11/22/93 8:48 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.01 min

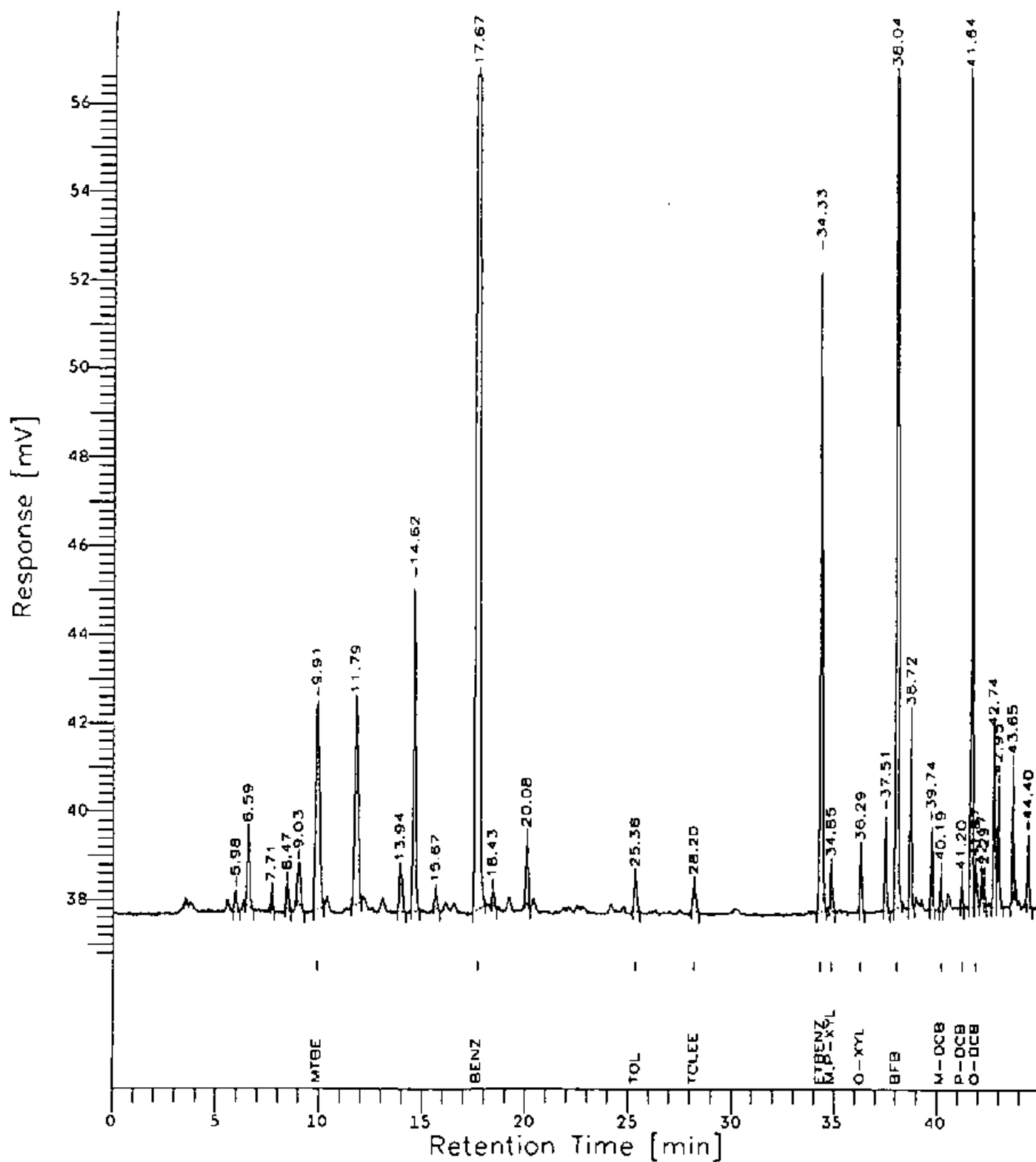
Low Point : 36.64 mV

High Point : 56.64 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000347

=====

Sample Name	: 1CMM17*2	Time	: 11/22/93 9:00 PM
Sample Number	: 31	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 4:40 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA031.raw
Result File : D:\2700\BRUCE\X\37WA031.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

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ELCD REPORT

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30M MEGABORE DB624 GC#B71237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]

1	28.23	112TCE+TCLEE	245381 BB	-0.48
2	38.11	BFB	726142 MM	-0.30

971523

Chromatogram

46 354

FileName : D:\2700\BRUCE\X\37MA031.raw

Date : 11/22/93 9:00 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

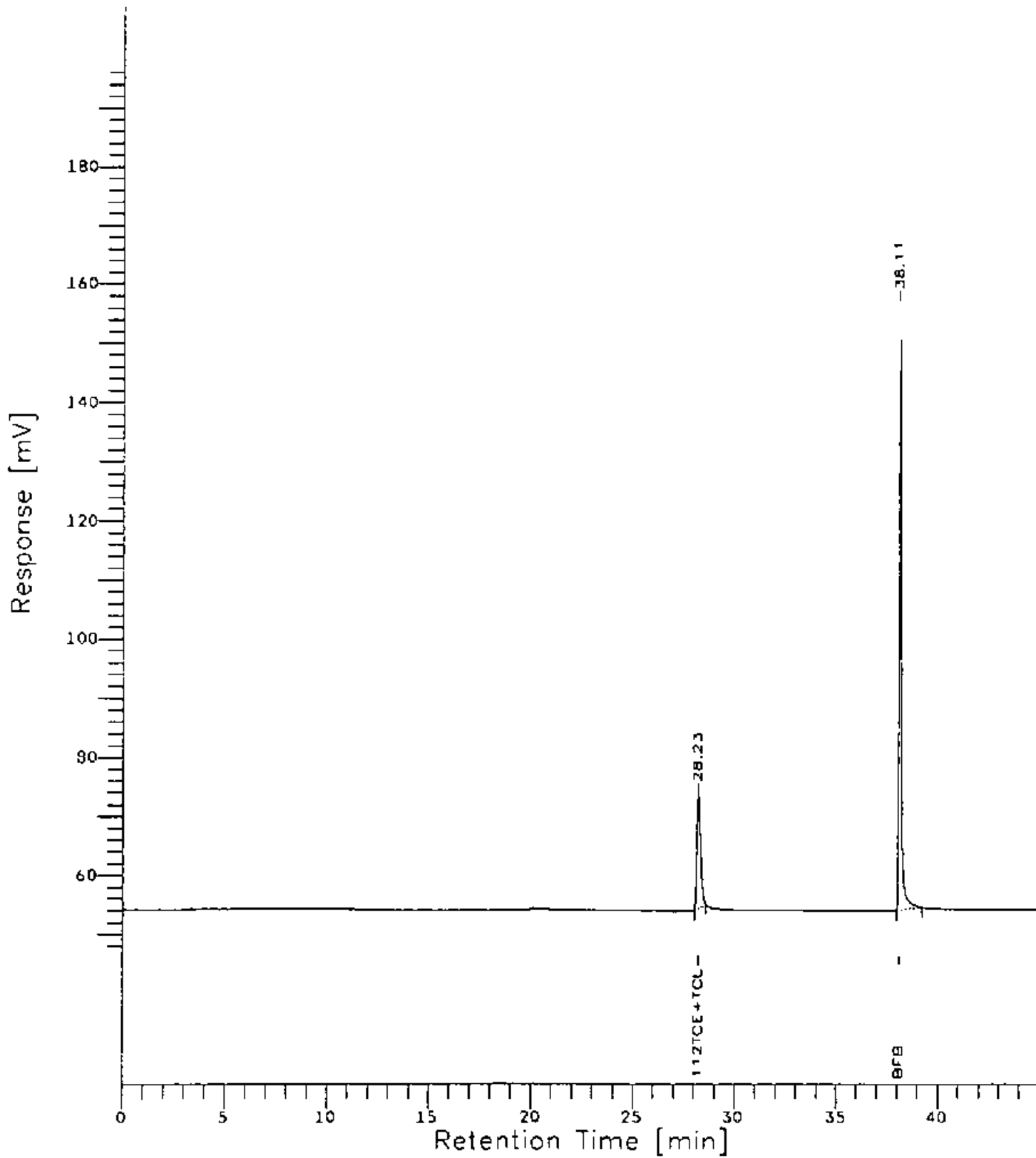
Low Point : 46.38 mV

High Point : 196.38 mV

Scale Factor: -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000349

=====

Sample Name	: TCHM17*2	Time	: 11/22/93 9:00 PM
Sample Number	: 31	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 4:40 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB031.raw
Result File : D:\2700\BRUCE\X\37WB031.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
1	26.19	TCLEE	12315 BB	-0.06
2	36.23	D-XYL	17674 BB	-0.17
3	38.07	BFB	409603 MM	0.06

439792

Chromatogram

46 356

FileName : D:\2700\BRUCE\X\374B031.raw

Date : 11/22/93 9:00 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

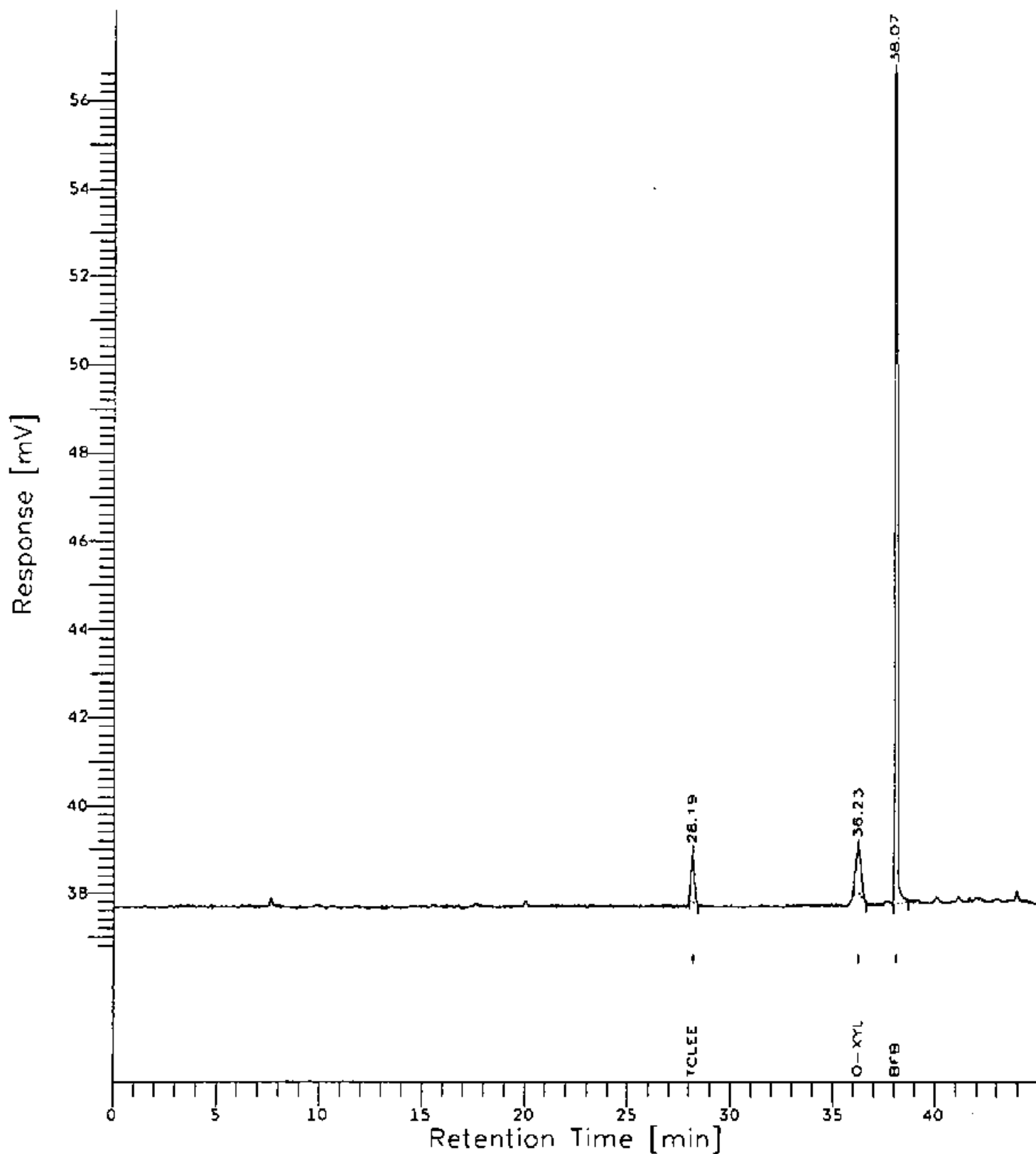
Low Point : 36.62 mV

High Point : 56.62 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000351

=====

Sample Name	: TCMM17*3	Time	: 11/22/93 9:00 PM
Sample Number	: 32	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 5:39 AM
Delay Time : 0.00 min.
End Time : 45.01 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA032.raw
Result File : D:\2700\BRUCE\X\37WA032.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDH1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

=====

ELCD REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta R1 [%]
1	9.06	MECL2	25007 BB	-2.02
3	29.24	112TCE+TCLEE	53372 BB	-0.46
4	38.09	BFB	736019 MH	-0.36

816396

Chromatogram

FileName : D:\2700\BRUCE\X\37WA032.raw

Date : 11/22/93 9:00 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.01 min

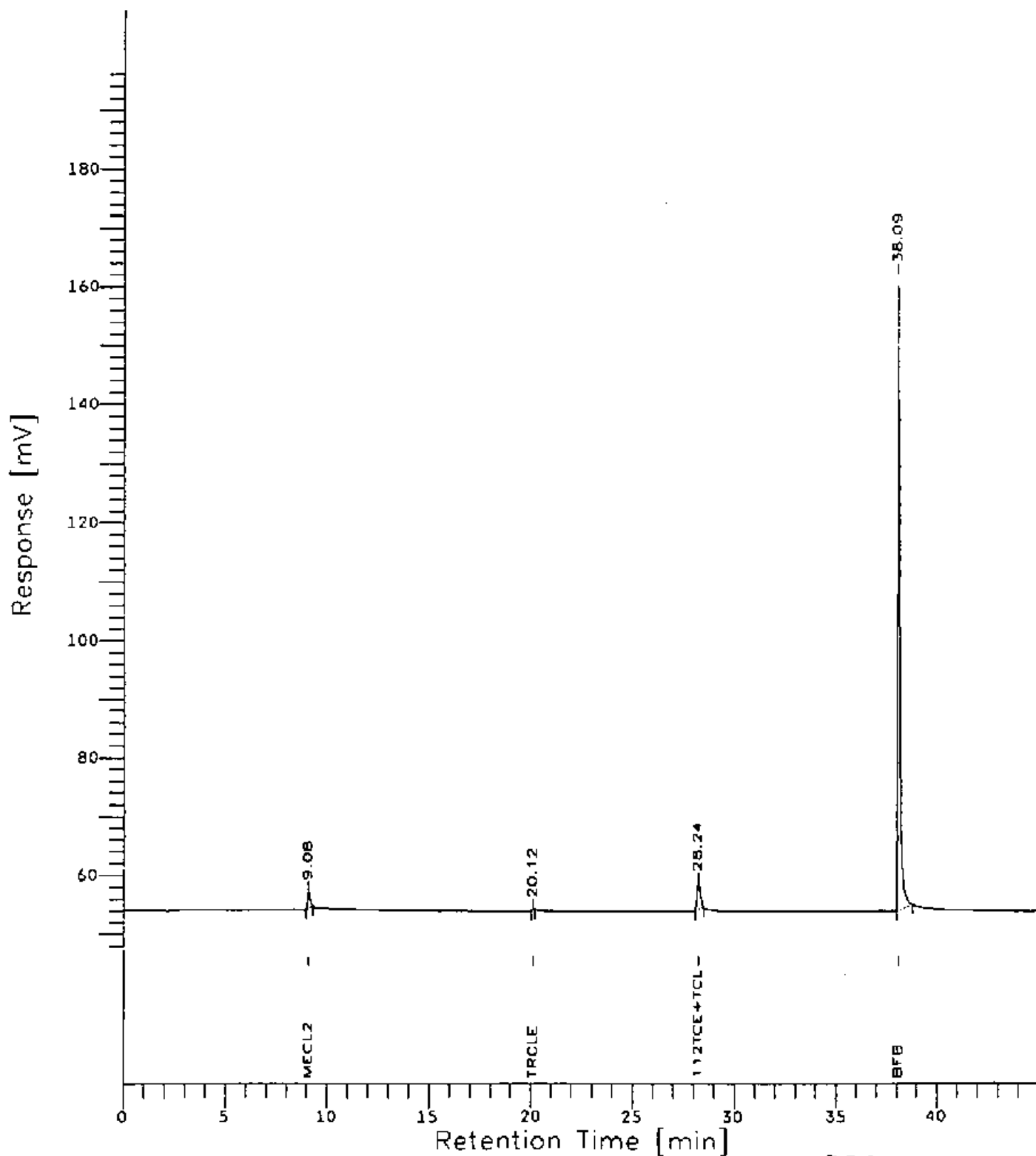
Low Point : 46.28 mV

High Point : 196.28 mV

Scale Factor: -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000353

=====

Sample Name	: TCHM17*3	Time	: 11/22/93 9:00 PM
Sample Number	: 32	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 5:39 AM
Delay Time : 0.00 min.
End Time : 45.01 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB032.raw
Result File : D:\2700\BRUCE\X\37WB032.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
3	36.05	BFB	426392	BB -0.00

426392

Chromatogram

FileName : D:\2700\BRUCE\K\17WB032.raw

Date : 11/22/93 9:00 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.01 min

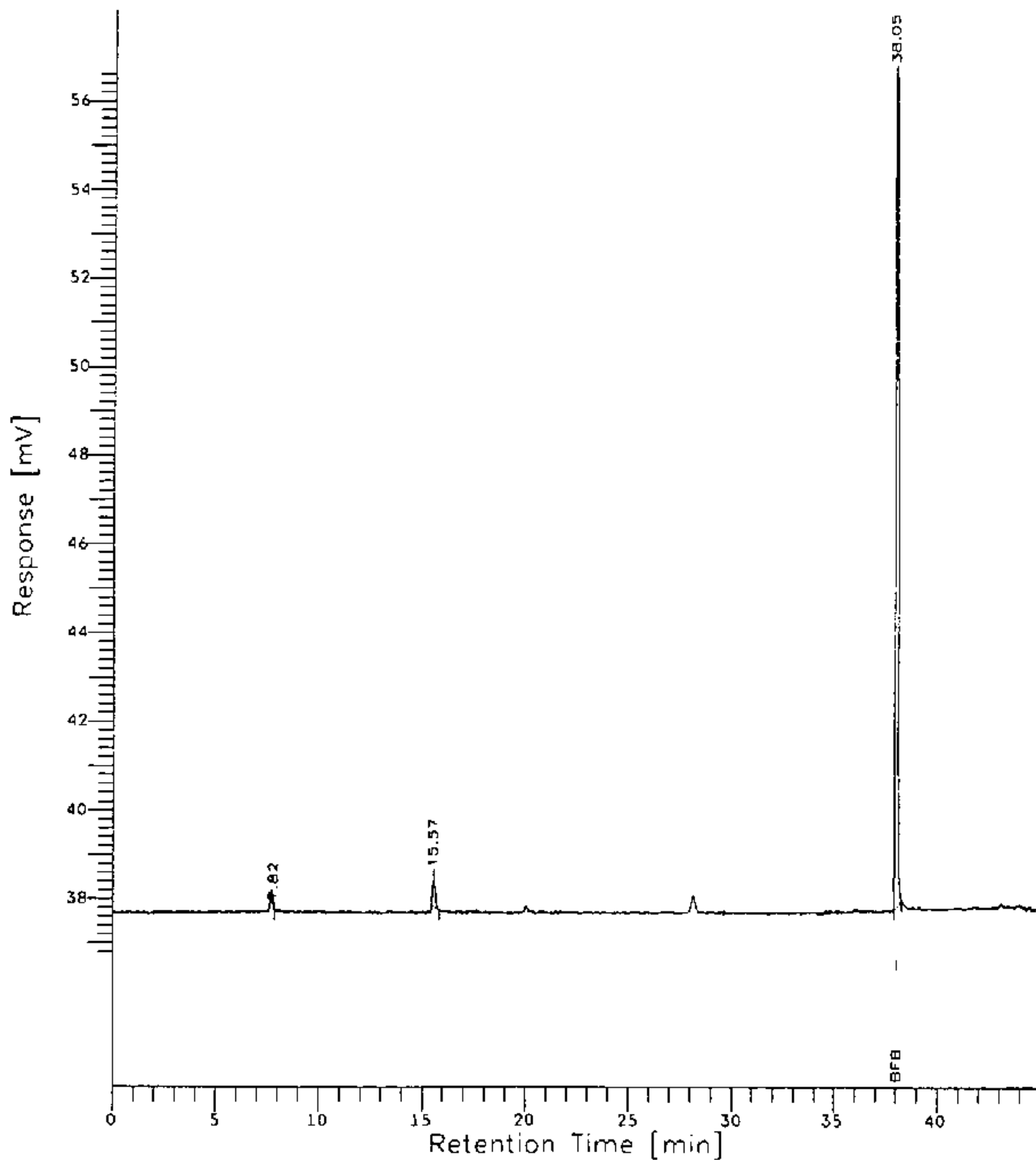
Low Point : 36.62 mV

High Point : 56.62 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000355

=====

Sample Name	: CDDMTW*16	Time	: 11/22/93 9:00 PM
Sample Number	: 33	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 6:39 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA033.raw
Result File : D:\2700\BRUCE\X\37WA033.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

=====

ELCD REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uv-sec]	BL	Delta RT [x]
4	20.15	TCLE	111874	BB	-0.28
5	28.35	112TCE+TCLEE	11033	BB	-0.08
6	38.10	BFB	723877	MM	-0.33

846784

Chromatogram

FileName : D:\2700\BRUCE\X\3714033.raw

Date : 11/22/93 9:00 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

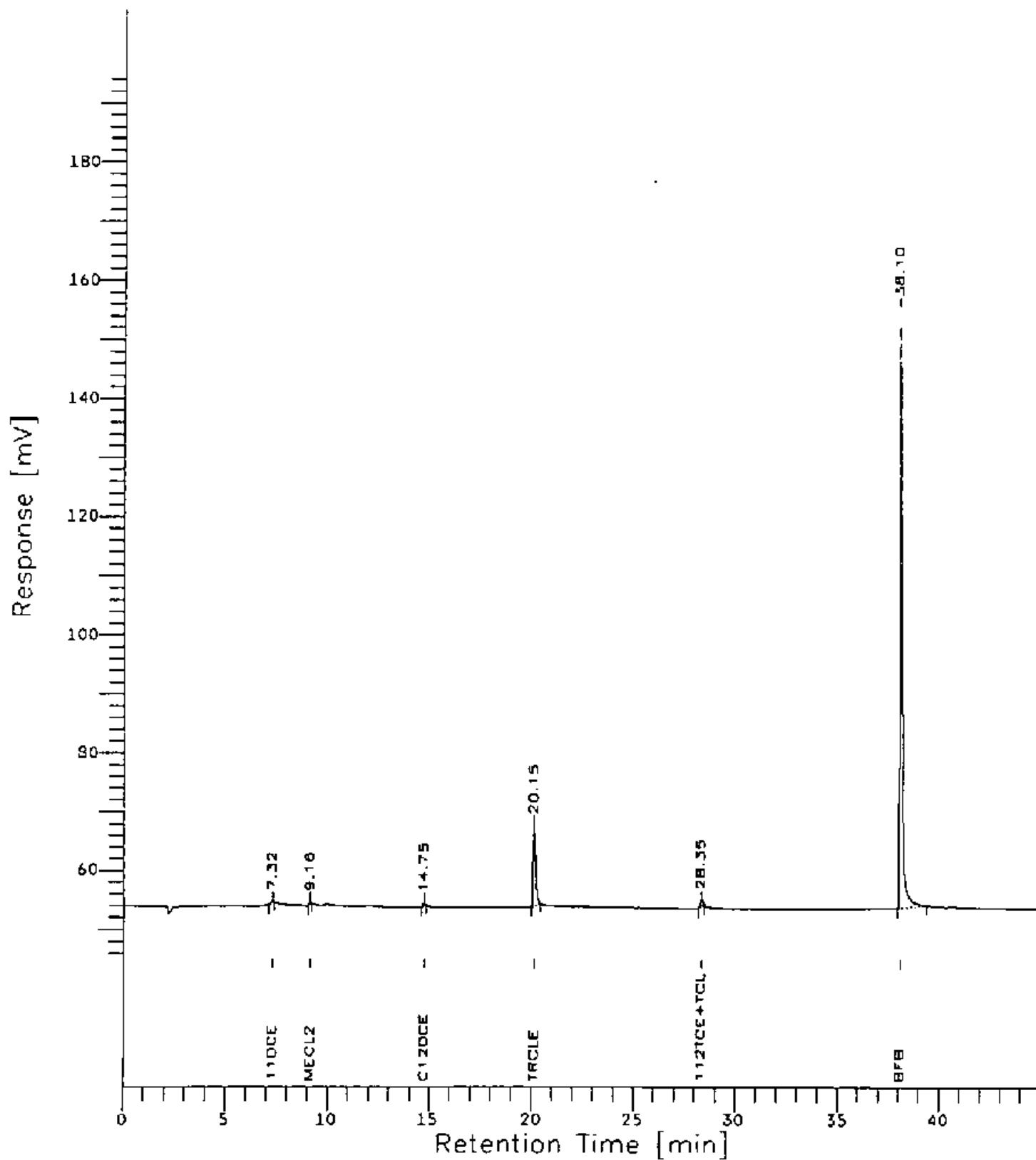
Low Point : 45.01 mV

High Point : 195.01 mV

Scale Factor : -1

Plot Offset: 45 mV

Plot Scale: 150 mV



000357

46 363

=====

Sample Name	: CDDMTW*16	Time	: 11/22/93 9:01 PM
Sample Number	: 33	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 6:39 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB033.raw
Result File : D:\2700\BRUCE\X\37WB033.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

=====

30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BI Delta RT [%]
3	38.06	BFB	413039 MM	0.05

413039

000358

Chromatogram

FileName : D:\2700\BRUCE\X\3746033.raw

Date : 11/22/93 9:01 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

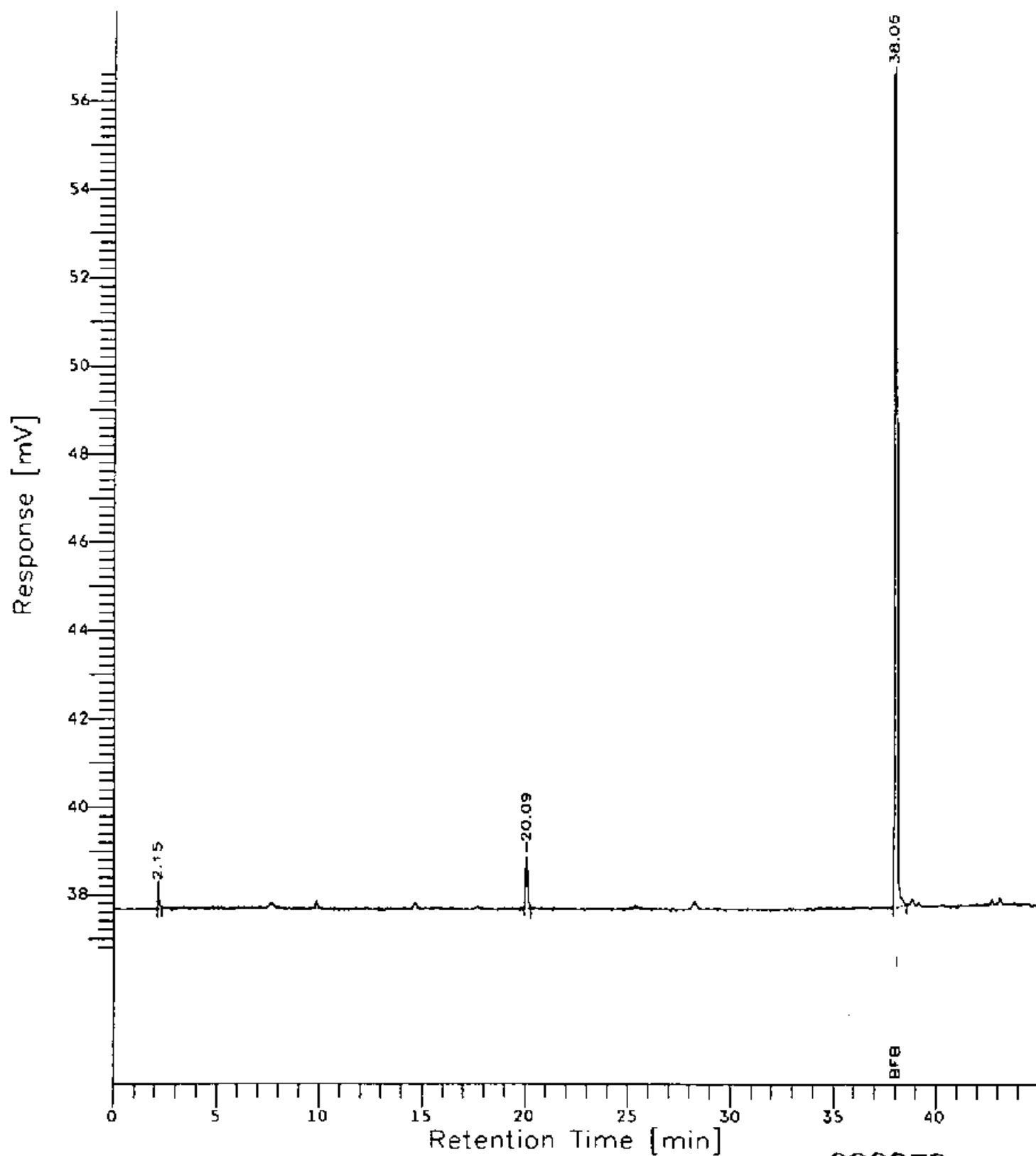
Low Point : 35.61 mV

High Point : 56.61 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000359

```

=====
Sample Name   : CCS*1117B*2           Time       : 11/22/93  9:01 PM
Sample Number: 34                     Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/19/93  7:38 AM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA034.raw
Result File     : D:\2700\BRUCE\X\37WA034.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           u]      Area Reject       : 6800.00
Sample Amount   : 1.0000

```

```

=====
                        ELCD REPORT
=====

```

```

=====
30M MEGABORE DB&24 GC#871237
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	SL Delta RT [%]
1	2.74	DCDFM	1196159 BV	-2.76
2	3.22	CH3CL	282632 VV	-2.90
3	3.47	VC	1911426 VB	-1.23
4	4.35	CH3BR	511279 BV	0.66
5	4.59	CZHSCL	1321763 VV	0.25
6	5.24	CCL3P	2735351 VB	-3.45
7	7.08	11DCE	2035198 BV	-2.27
8	9.04	MECL2	2573787 BV	-2.45
9	9.82	T12DCE	2663659 BV	-1.70
10	11.75	11DCLE	2536004 BV	0.00
11	16.02	CHCL3	3448932 BV	0.25
12	16.29	111TCE	3224987 VV	0.24
13	16.73	CCL4	3784375 VB	0.10
14	18.10	12DCLE	1771845 BV	0.06
15	20.07	TRCLE	3016371 BV	-0.65
16	21.00	12DCPA	2303067 BV	-1.20
17	22.16	CHCL2BR	2171502 BV	-1.14
18	23.70	2CEVE	418570 BV	-0.97
19	24.11	C13DOPE	2198236 VB	-0.95
20	27.31	T13DOPE	1492156 BV	-0.68
21	28.25	112TCE+TCLEE	5196610 VB	-0.42
22	30.59	CHCLBR2	1329747 BV	-0.53
23	33.84	CLBENZ	1194947 BV	-0.15
24	37.02	CHBR3	650015 BV	-0.58
25	38.09	BFB	791734 BV	-0.37
26	38.77	1122TCLEA	1089996 BV	-0.22
28	40.93	M-OCB	1557316 BV	-0.55
29	41.17	P-OCB	1655408 VB	0.00

55620486

000361

Chromatogram

46 367

FileName : D:\2700\BRUCE\X\3749034.raw

Date : 11/22/93 9:01 Pm

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

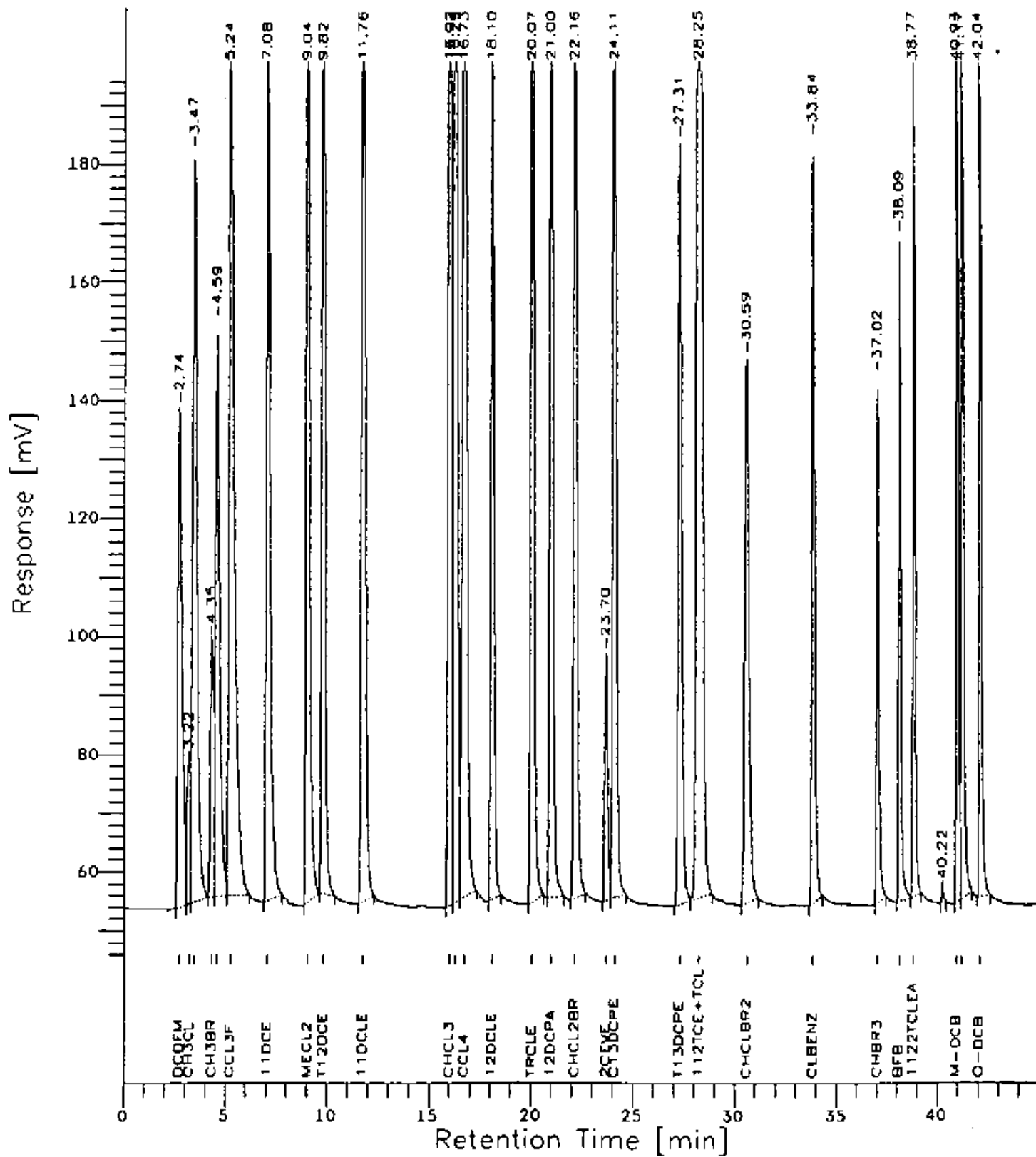
Low Point : 45.88 mV

High Point : 195.88 mV

Scale Factor: -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000362

=====46 368=====

Sample Name	: CCS*1117B*2	Time	: 11/22/93 9:01 PM
Sample Number	: 34	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 7:38 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB034.raw
Result File : D:\2700\BRUCE\X\37WB034.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
5	9.78	TIZOCE	306930 MM	0.52
6	9.91	MTBE	78069 MM	0.00
7	17.62	BENZ	332370 BB	-0.96
11	25.33	TOL	321948 BB	-0.27
13	28.18	TCLEE	158719 BB	-0.10
14	33.81	CLBENZ	354666 BB	-0.02
15	34.32	ETBENZ	315333 BB	-0.02
16	34.86	M,P-XYL	772820 BB	-0.02
17	36.30	O-XYL	340099 BB	0.00
19	38.05	BFB	401992 MM	-0.00
20	40.89	M-DCB	359315 BB	0.01
21	41.14	P-DCB	312807 BB	0.01
22	42.00	O-DCB	267434 BB	0.03

4322504

000363

Chromatogram

46 369

FileName : D:\2700\BRUCE\X\37MB034.raw

Date : 11/22/93 9:01 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

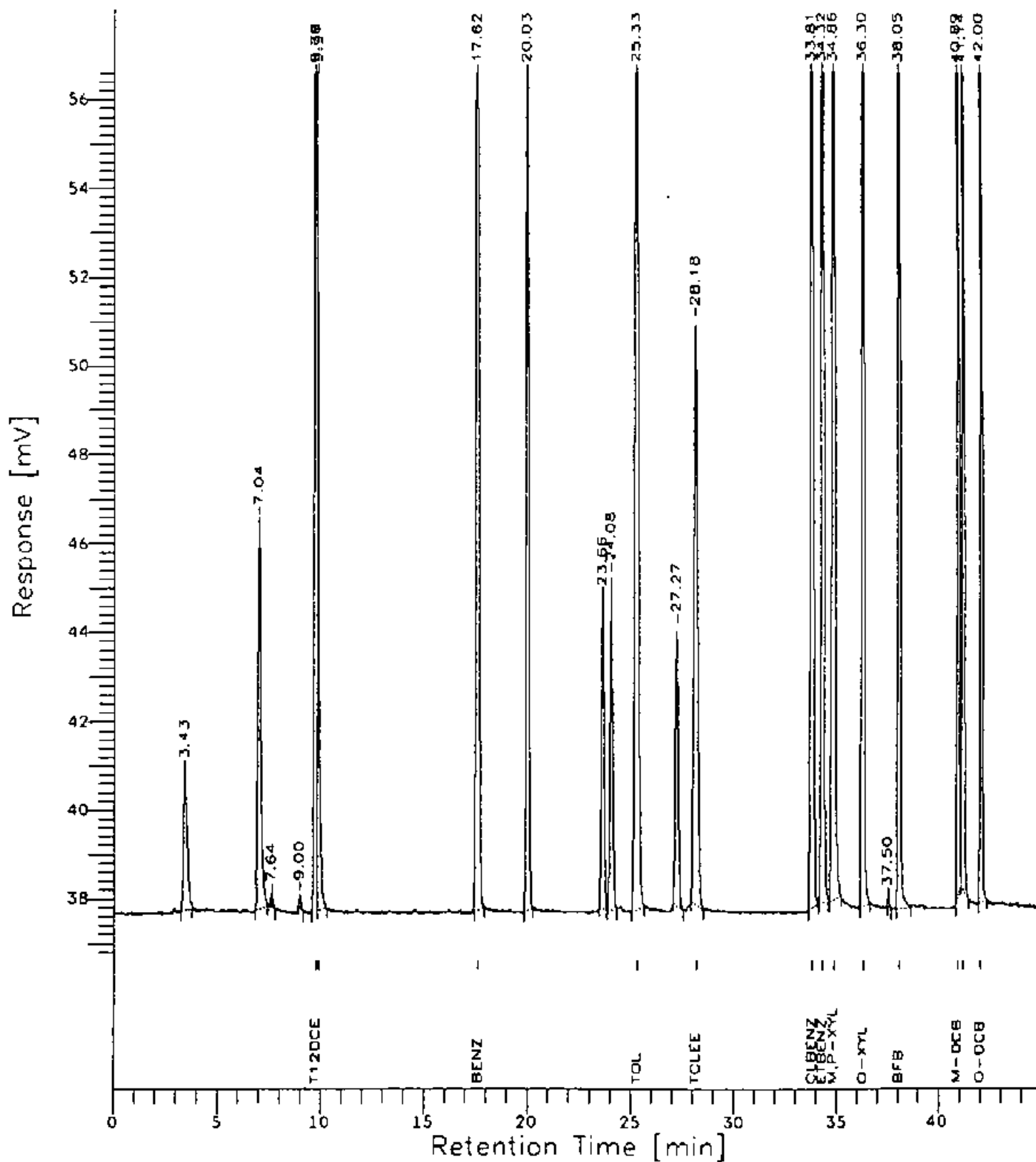
Low Point : 36.61 mV

High Point : 56.61 mV

Scale Factor : -1

Plot Offset : 37 mV

Plot Scale : 20 mV



000364

```

=====
Sample Name   : CDDMTWD*2 1:20           Time       : 11/22/93  9:02 PM
Sample Number : 35                      Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/19/93  8:37 AM
Delay Time       : 0.00   min.
End Time        : 45.00   min.
Sampling Rate    : 2.9412  pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA035.raw
Result File     : D:\2700\BRUCE\X\37WA035.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ul           Area Reject      : 6800.00
Sample Amount  : 1.0000

```

```

=====
                        ELCD REPORT
=====

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=====
30M MEGABORE DB624 GC#871237
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```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	3.54	VC	37191 MM	0.71
2	9.07	MECL2	56658 BB	-2.20
3	9.83	T12DCE	76775 BB	-1.53
4	16.31	111TCE	69081 BB	0.00
5	18.11	120CLE	50623 BB	0.13
6	20.07	TRCLE	343560 BB	-0.67
7	22.19	CHCL2BR	56370 BB	-1.04
8	24.15	C13DCE	46461 BB	-0.82
9	27.34	T13DCE	26290 BB	-0.58
10	28.25	112TCE+TCLEE	106060 BB	-0.40
11	30.62	CHCLBR2	23475 BB	-0.46
12	38.09	BFB	774751 MM	-0.37
13	38.79	1122TCLEA	20269 BB	-0.16

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1689564
=====

```

Chromatogram

46 371

FileName : D:\2700\BRUCE\X\374035.raw

Date : 11/22/93 9:02 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

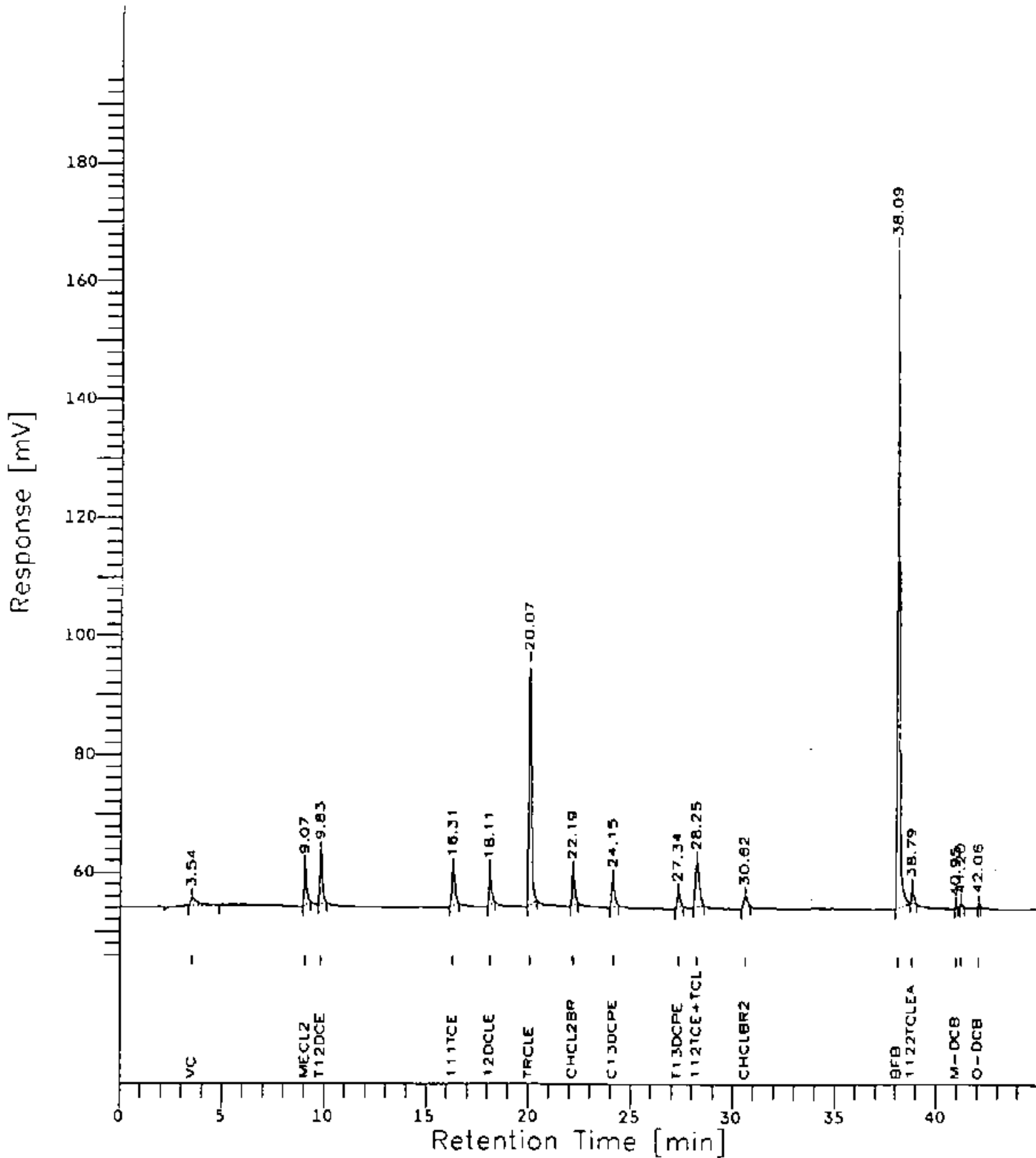
Low Point : 45.86 mV

High Point : 195.86 mV

Scale Factor: -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000366

46 372

=====

Sample Name	: CDDMTWD*2 1:20	Time	: 11/22/93 9:03 PM
Sample Number	: 35	Study	:
Operator	:		

Interface # : 5 Channel : 8 A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 8:37 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB035.raw
Result File : D:\2700\BRUCE\X\37WB035.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
2	9.78	T120CE	9877 86	0.47
4	38.05	BFB	435149 88	-0.00
5	42.00	O-DCB	1734 88	0.01

446760

000367

Chromatogram

46 373

FileName : D:\2700\BRUCE\XY374B035.raw

Date : 11/22/93 9:03 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

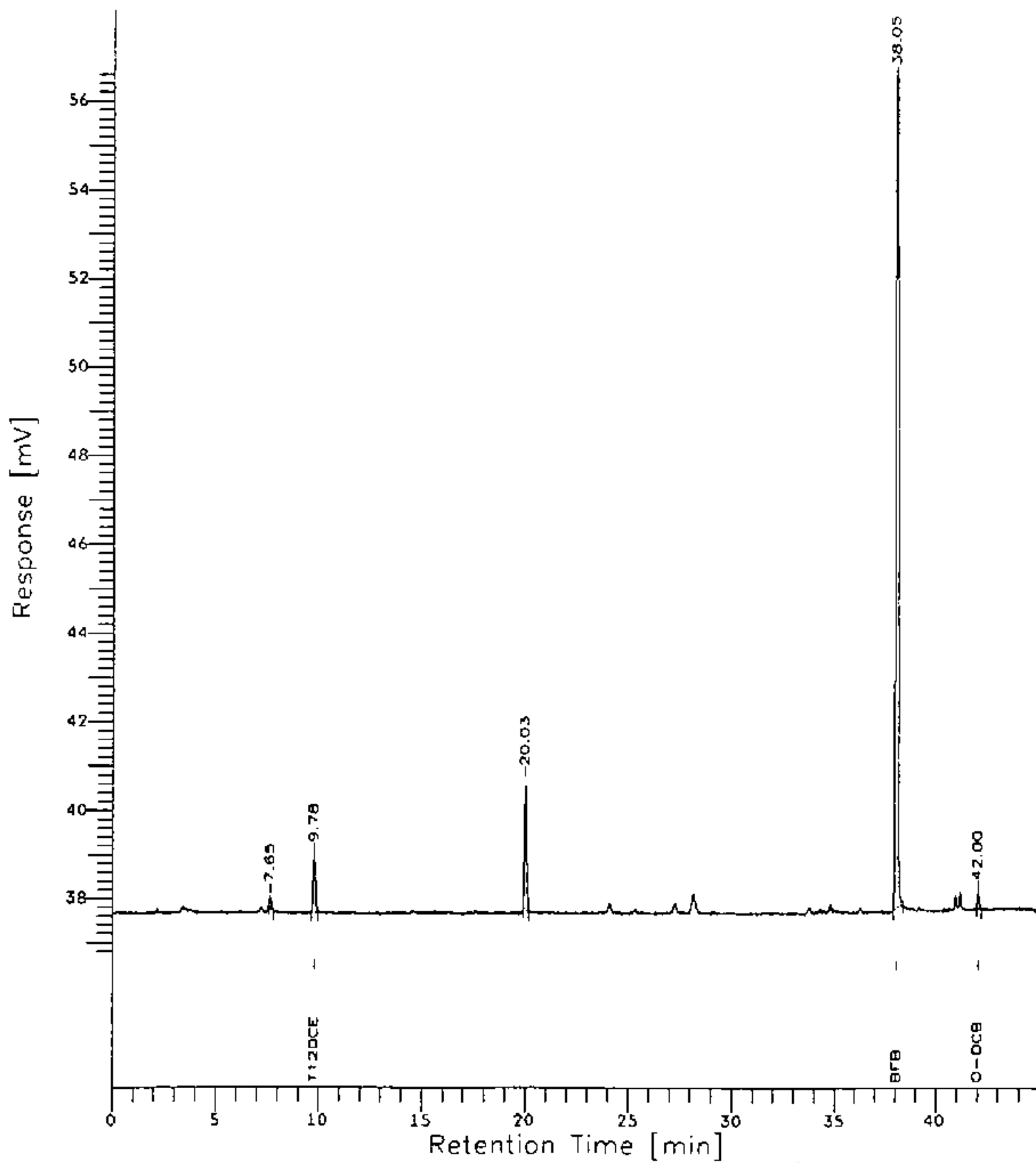
Low Point : 36.61 mV

High Point : 56.61 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000368

```

=====
Sample Name   : CDDMTW*3 1:20           Time       : 11/22/93  9:05 PM
Sample Number : 36                     Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/19/93  9:37 AM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA036.raw
Result File     : D:\2700\BRUCE\X\37WA036.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 6800.00
Sample Amount   : 1.0000

```

```

=====
                        ELCD REPORT
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=====
30M MEGABORE DB624 GC#871237
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```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	7.11	11DCE	83858 BB	-1.60
4	20.09	TRCLE	251331 BB	-0.53
5	28.24	112TCE+TCLEE	1340251 BB	-0.46
6	38.10	BFB	788610 BB	-0.34

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2464050
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```

Chromatogram

46 375

FileName : D:\2700\BRUCE\K\374A036.raw

Date : 11/22/93 9:05 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

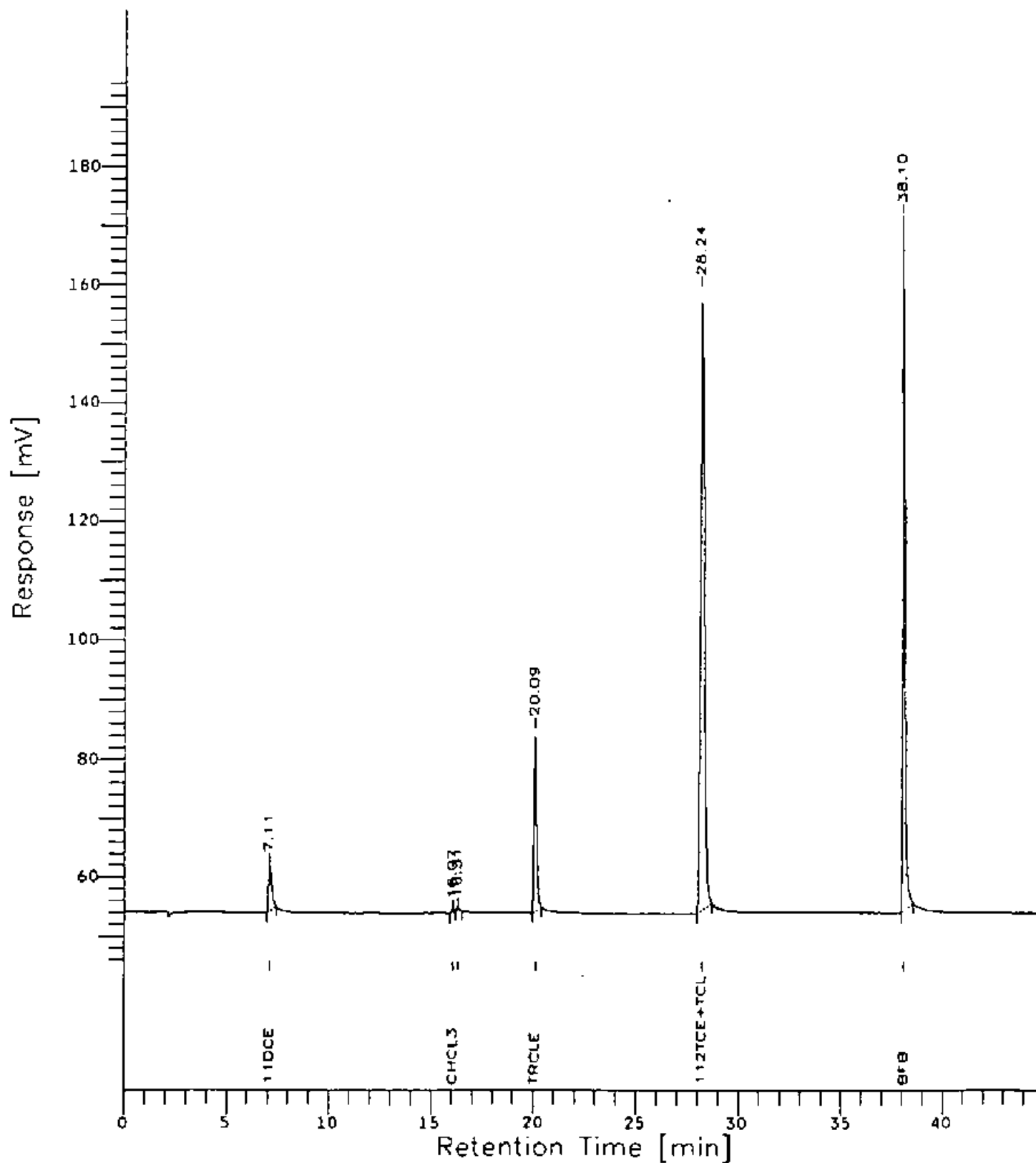
Low Point : 45.60 mV

High Point : 195.60 mV

Scale Factor: -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000370

46 376

=====

Sample Name	: CDDMTW*3 1:20	Time	: 11/22/93 9:06 PM
Sample Number	: 36	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 9:37 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB036.raw
Result File : D:\2700\BRUCE\X\37WB036.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

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Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	Bl. Delta RT [%]
3	26.19	TCLEE	60908 BB	-0.06
4	38.05	BFB	433718 BB	0.02

494625

000371

Chromatogram

46 377

FileName : D:\2700\BRUCE\X\17MB036.raw

Date : 11/22/93 9:06 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

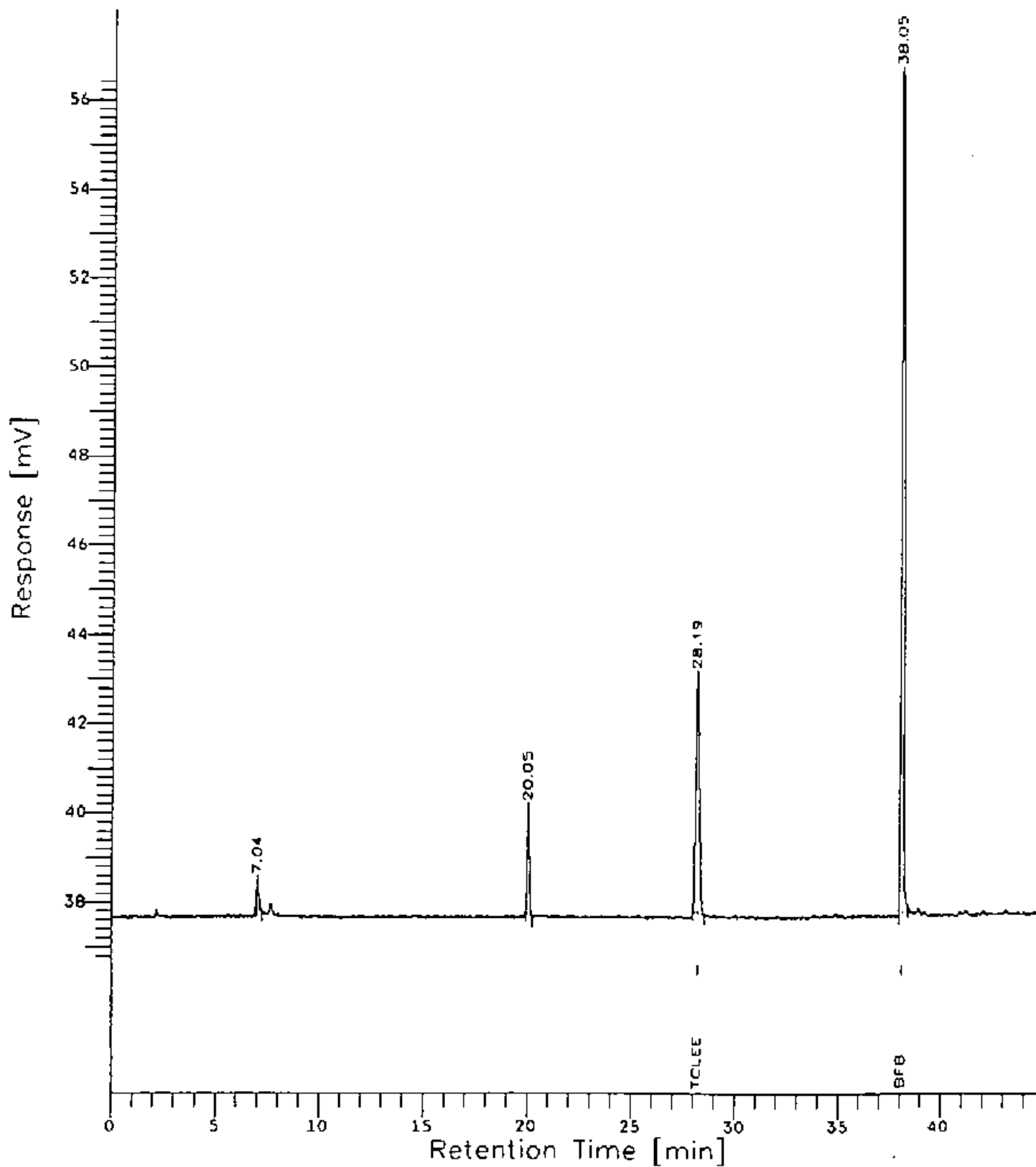
Low Point : 36.60 mV

High Point : 56.60 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000372

=====

Sample Name	: CDDMTW*10 1:20	Time	: 11/22/93 9:07 PM
Sample Number	: 37	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 10:37 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA037.raw
Result File : D:\2700\BRUCE\X\37WA037.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

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ELCD REPORT

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30M MEGABORE DB624 GC#871237

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Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	7.00	11DCE	307445 BB	-3.29
2	8.98	MECL2	1134685 BV	-3.18
3	9.74	T12DCE	615981 VB	-2.44
4	14.48	C12DCE	2127278 BB	0.00
5	15.95	CHCL3	11030 BV	-0.71
6	16.21	111TCE	16458 VB	-0.59
7	20.04	TRCLE	5556710 BB	-0.81
8	28.19	112TCE+TCLEE	1022715 BB	-0.62
9	38.10	BFB	819649 BV	-0.33
10	38.80	1122TCLEA	95607 VB	-0.15

11707357

Chromatogram

46 379

FileName : D:\2700\BRUCE\X\37MA037.raw

Date : 11/22/93 9:07 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

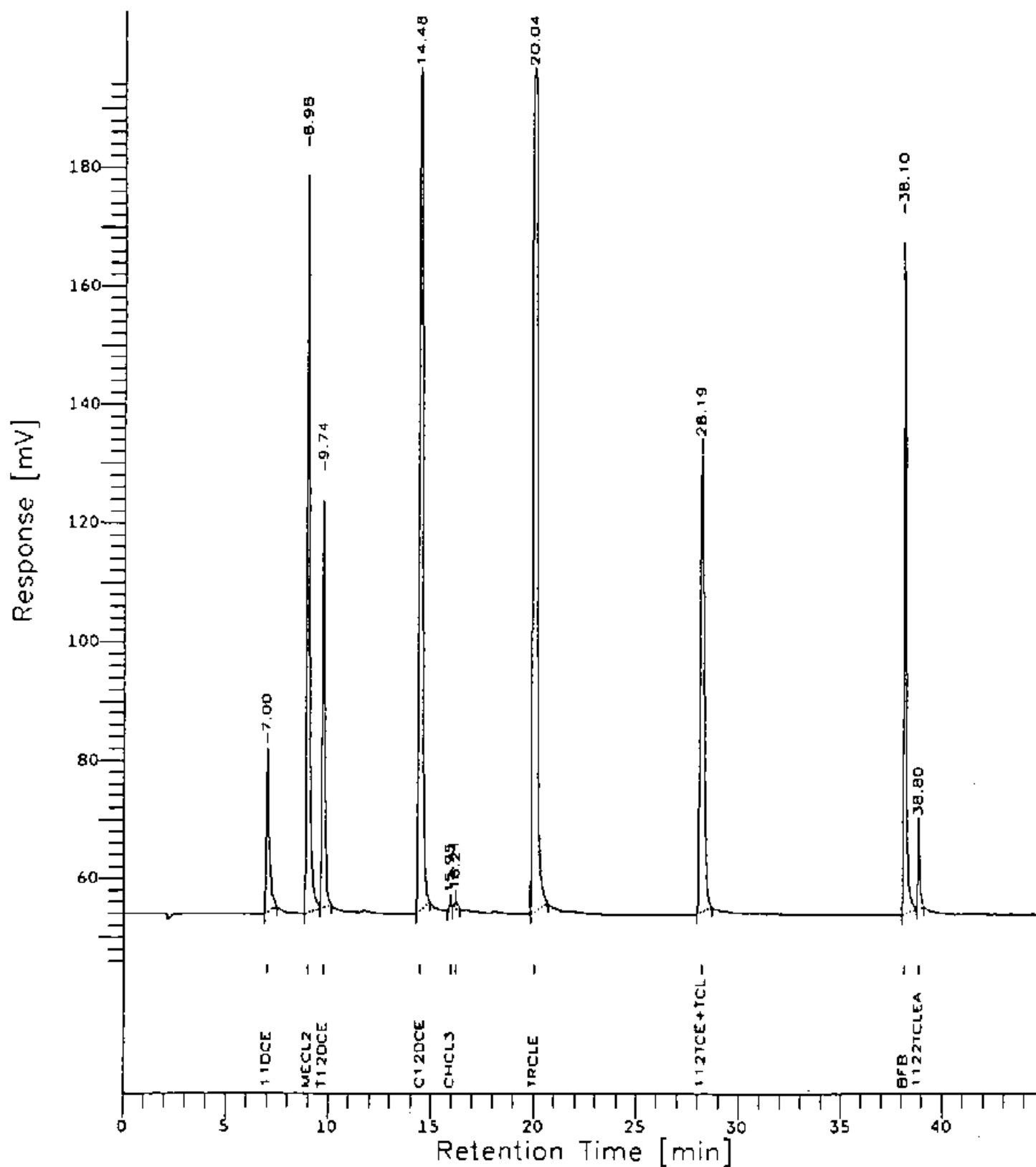
Low Point : 45.43 mV

High Point : 195.43 mV

Scale Factor: -1

Plot Offset: 45 mV

Plot Scale: 150 mV



000374

=====

Sample Name	: CDDMTW*10 1:20	Time	: 11/22/93 9:09 PM
Sample Number	: 37	Study	:
Operator	:		

Interface # : 5 Channel : 8 A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 10:37 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB037.raw
Result File : D:\2700\BRUCE\X\37WB037.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prp
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

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PID REPORT

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30M MEGABORE DB624 GC#871237

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Peak #	Ret Time [min]	Component Name	Area [uv-sec]	BL	Delta RT [%]
3	9.70	T12DCE	57021	BB	-0.35
6	25.31	TOL	13858	BB	-0.34
7	26.16	TCLEE	44902	BB	-0.18
8	38.06	BFB	436720	BB	0.05

552502

000375

Chromatogram

46 381

FileName : D:\2700\BRUCE\X\3748037.raw

Date : 11/22/93 9:09 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

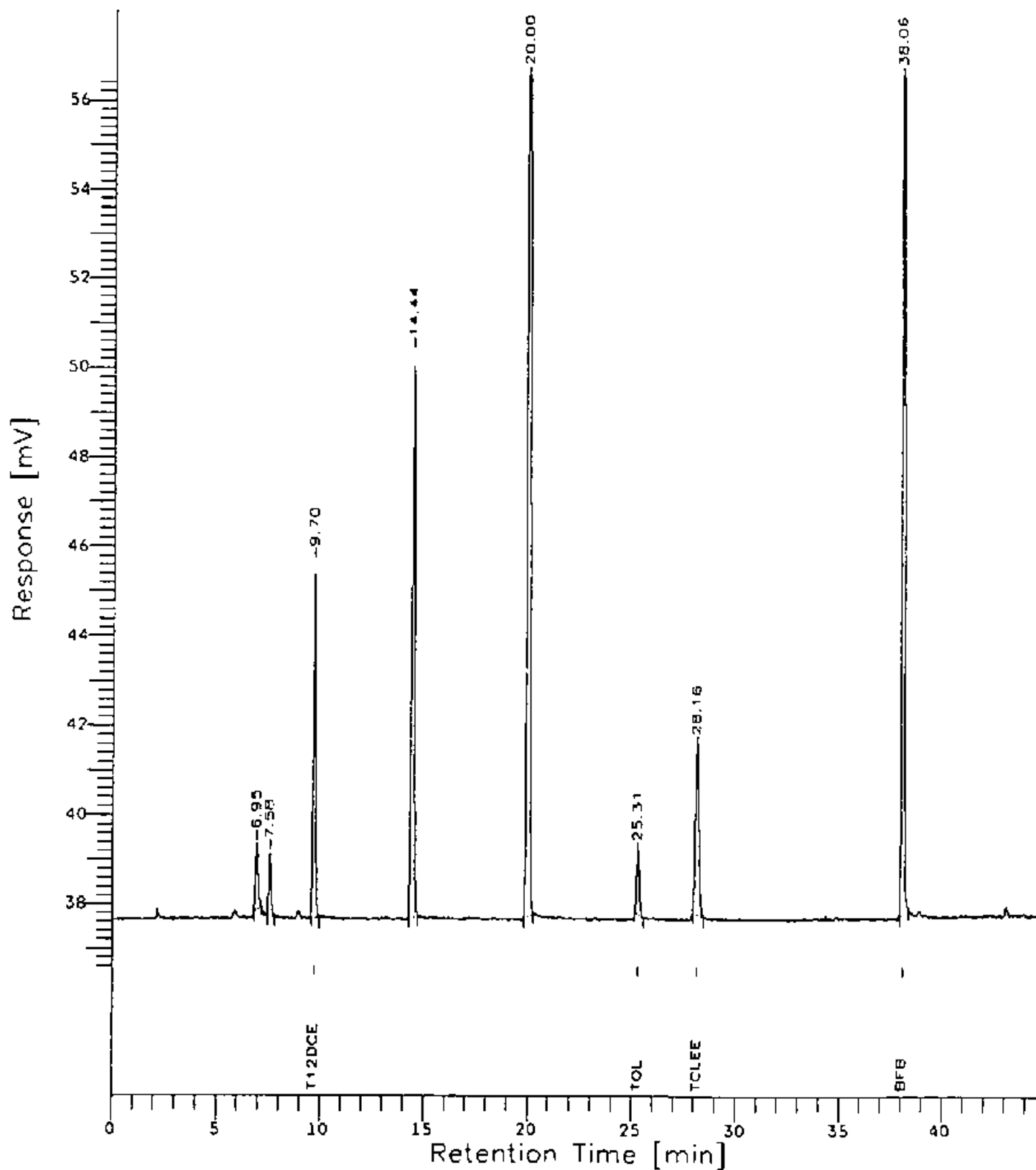
Low Point : 36.59 mV

High Point : 56.59 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000376

=====

Sample Name	: CDDMTW*11 1:20	Time	: 11/22/93 9:10 PM
Sample Number	: 38	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 11:37 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA038.raw
Result File : D:\2700\BRUCE\X\37WA038.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

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ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
2	9.72	T12DCE	34160 BB	-2.61
3	14.42	C12DCE	192433 BB	-0.39
4	15.87	CHCL3	48433 MM	0.00
5	16.14	111TCE	29821 MM	-1.04
7	20.01	TRCLE	332489 BB	-0.95
8	24.12	C13DCPE	13603 BB	-0.93
10	26.19	112TCE+TELEE	89396 BB	-0.62
11	38.10	BFB	775737 MM	-0.33
12	38.81	1122TCLEA	26756 BB	-0.13

1542850

Chromatogram

46 383

FileName : D:\2700\BRUCE\X\37WA038.raw

Date : 11/22/93 9:10 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

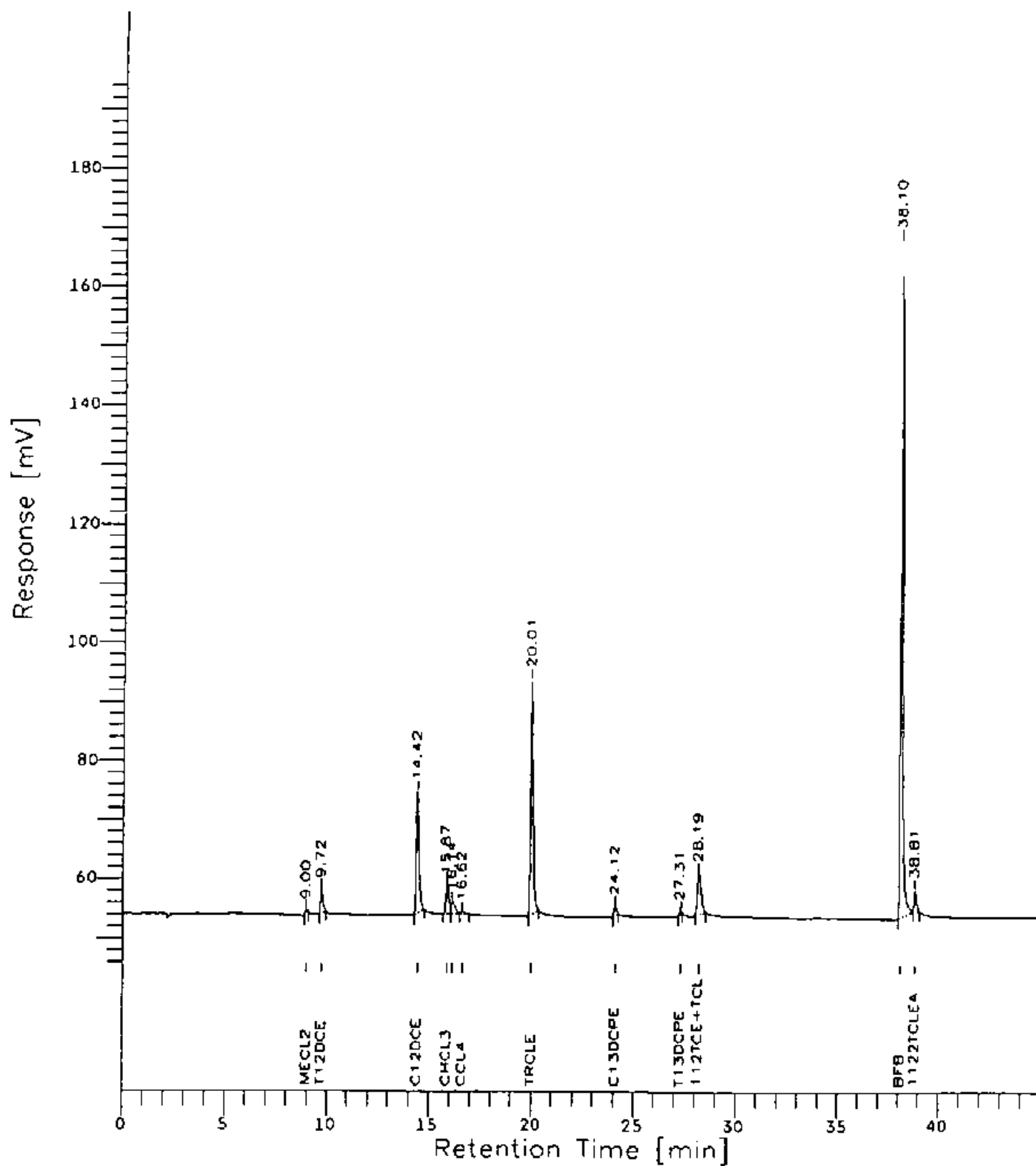
Low Point : 45.73 mV

High Point : 195.73 mV

Scale Factor: -1

Plot Offset: 46 mV

Plot Scale: 150 mV



000378

46 384

=====

Sample Name	: CDDMTW*11 1:20	Time	: 11/22/93 9:12 PM
Sample Number	: 38	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 11:37 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB038.raw
Result File : D:\2700\BRUCE\X\37WB038.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
2	9.67	T12DCE	6341 BB	-0.56
4	17.48	BENZ	10224 BB	-1.72
6	25.30	TOL	2797 BB	-0.40
7	28.16	TCLEE	3475 BB	-0.18
8	33.81	CLBENZ	2618 BB	0.00
9	34.32	ETBENZ	2849 BB	0.00
10	38.06	BFB	428079 BB	0.05

456382

000379

Chromatogram

46 385

FileName : D:\2700\BRUCE\X\3746038.raw

Date : 11/22/93 9:12 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

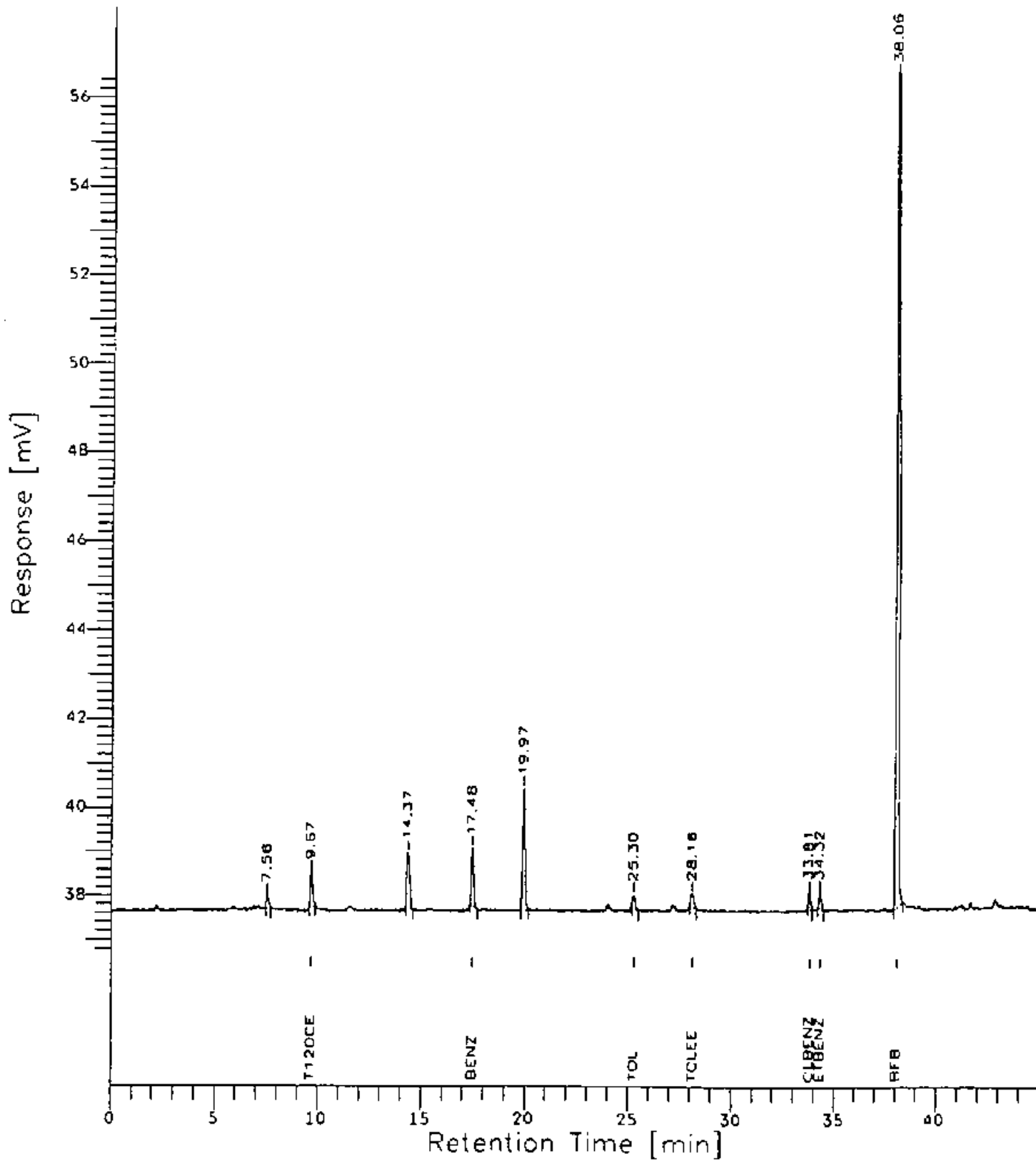
Low Point : 36.60 mV

High Point : 56.60 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000380

46 386

Sample Name : CDDMTW*12 1:20 Time : 11/22/93 9:14 PM
Sample Number: 39 Study :
Operator :

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 12:37 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA039.raw
Result File : D:\2700\BRUCE\X\37WA039.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

ELCD REPORT

30M MEGABORE DB624 GC#871237

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	9.71	T12OCE	57878 BB	-2.78
2	14.37	C12OCE	376225 BB	-0.78
3	15.86	CHCL3	7495 BB	-0.06
4	20.00	TRCLE	7750226 BB	-1.01
6	28.19	112TCE+TCLEE	58996 BB	-0.64
7	38.09	BFB	796160 BV	-0.36
8	38.78	1122TCLEA	646597 VB	-0.20

9703577

000381

Chromatogram

FileName : D:\2700\BRUCE\X\37MA039.raw

Date : 11/22/93 9:14 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

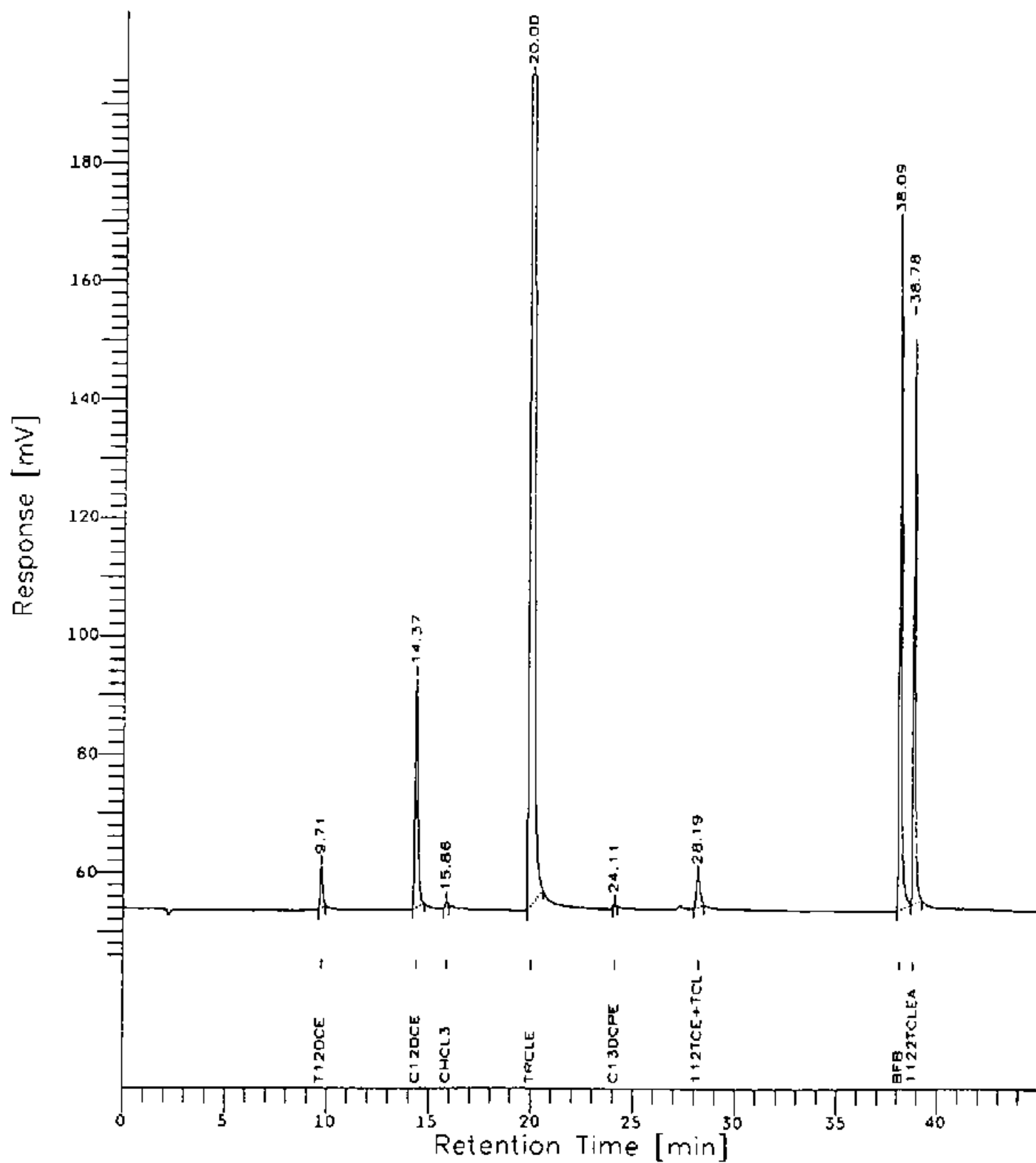
Low Point : 45.15 mV

High Point : 195.15 mV

Scale Factor: -1

Plot Offset: 45 mV

Plot Scale: 150 mV



000382

46 388

=====

Sample Name	: CDDMTW*12 1:20	Time	: 11/22/93 9:15 PM
Sample Number	: 39	Study	:
Operator	:		

Interface # : 5 Channel : 8 A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 12:37 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB039.raw
Result File : D:\2700\BRUCE\X\37WB039.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

P10 REPORT

=====

30M MEGABDRE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
2	9.67	T12DCE	10751 BB	-0.64
4	17.48	BENZ	2213 BB	-1.72
6	38.05	BFB	411592 BB	0.02

424556

000383

Chromatogram

46 389

FileName : D:\2700\BRUCE\X\374B039.raw

Date : 11/22/93 9:15 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

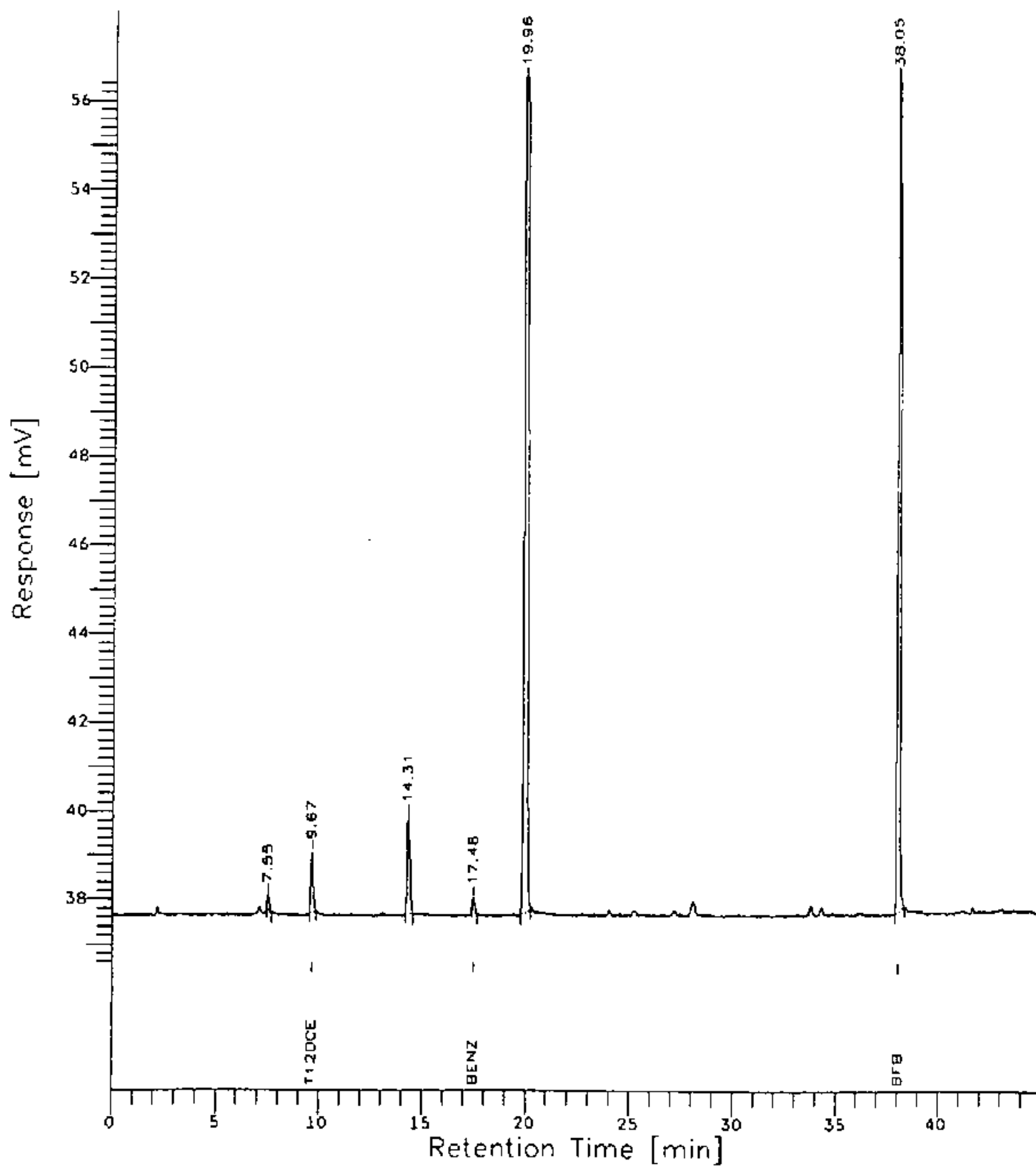
Low Point : 36.59 mV

High Point : 56.59 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000384

```

=====
Sample Name   : CDDMTW*41 1:20           Time       : 11/22/93  9:17 PM
Sample Number: 40                       Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/19/93  1:37 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WA040.raw
Result File     : D:\2700\BRUCE\X\37WA040.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ul           Area Reject    : 6800.00
Sample Amount  : 1.0000

```

```

=====
                        ELCD REPORT
=====

```

```

=====
30M MEGABORE DB624 GC#871237
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```

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	6.94	11DCE	385835 BB	-4.23
2	8.90	MECL2	1155793 BB	-4.03
3	9.66	T12DCE	723824 BB	-3.24
4	14.41	C12DCE	2496515 BB	-0.51
5	15.88	CHCL3	15499 BV	0.05
6	16.16	111TCE	23163 VB	-0.90
8	19.98	TRCLE	6456791 BB	-1.09
9	28.16	112TCE+TCLEE	1242369 BB	-0.74
10	38.06	BFB	839096 BB	-0.43
11	38.76	1122TCLEA	81796 BB	-0.25

```

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13420680
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```

000385

Chromatogram

46 391

FileName : D:\2700\BRUCE\X\37WA040.raw

Date : 11/22/93 9:17 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

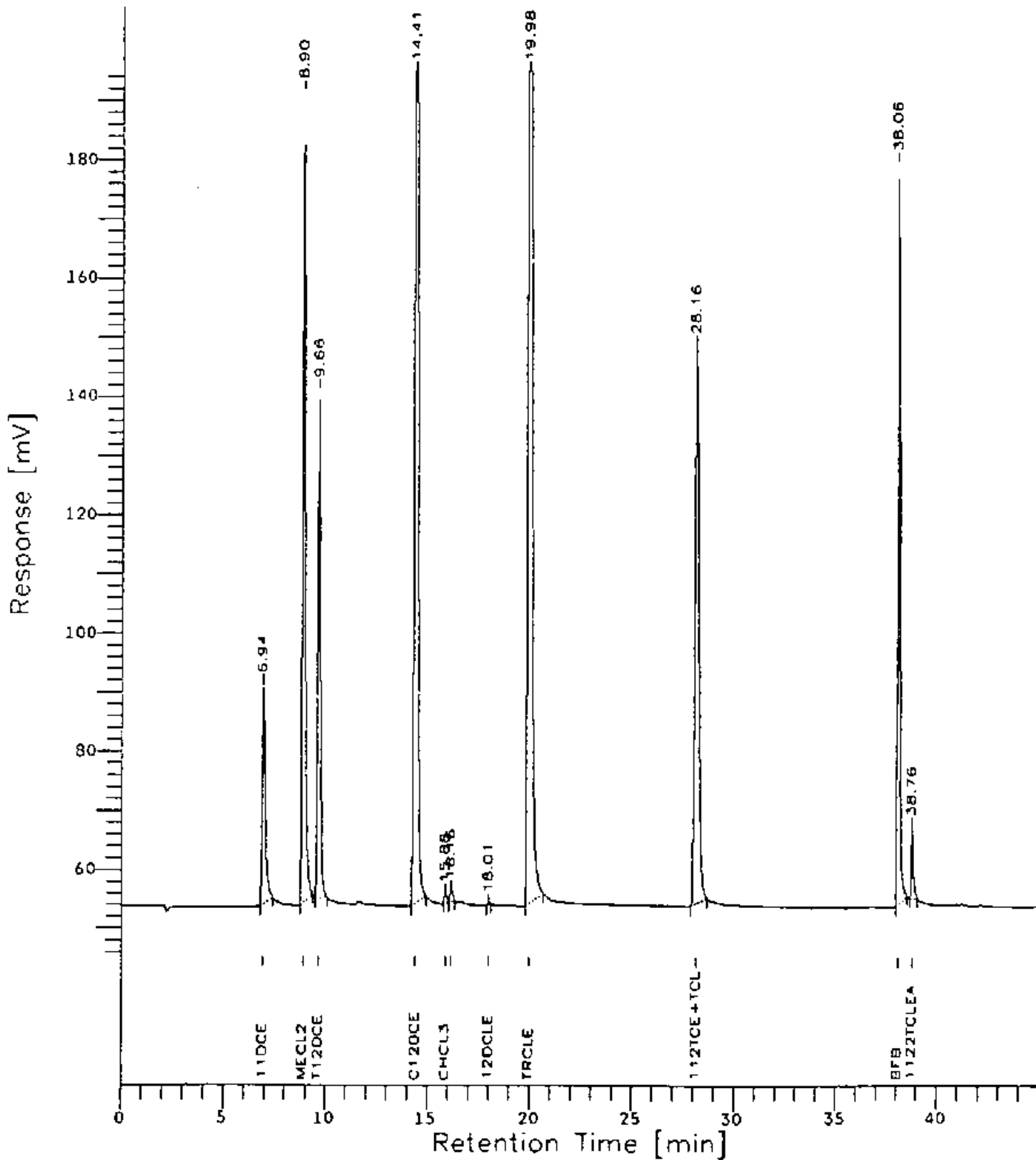
Low Point : 45.10 mV

High Point : 195.10 mV

Scale Factor: -1

Plot Offset: 45 mV

Plot Scale: 150 mV



000386

46 392

=====

Sample Name	: CDDMTW*41 1:20	Time	: 11/22/93 9:18 PM
Sample Number	: 40	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 1:37 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB040.raw
Result File : D:\2700\BRUCE\X\37WB040.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
2	9.62	T120CE	67016 BB	-1.11
5	25.25	TOL	16004 BB	-0.58
6	26.11	TCLEE	50684 BB	-0.34
7	38.02	BFB	443520 BB	-0.06

577424

000287

Chromatogram

46 393

FileName : D:\2700\BRUCE\X\3746040.raw

Date : 11/22/93 9:18 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

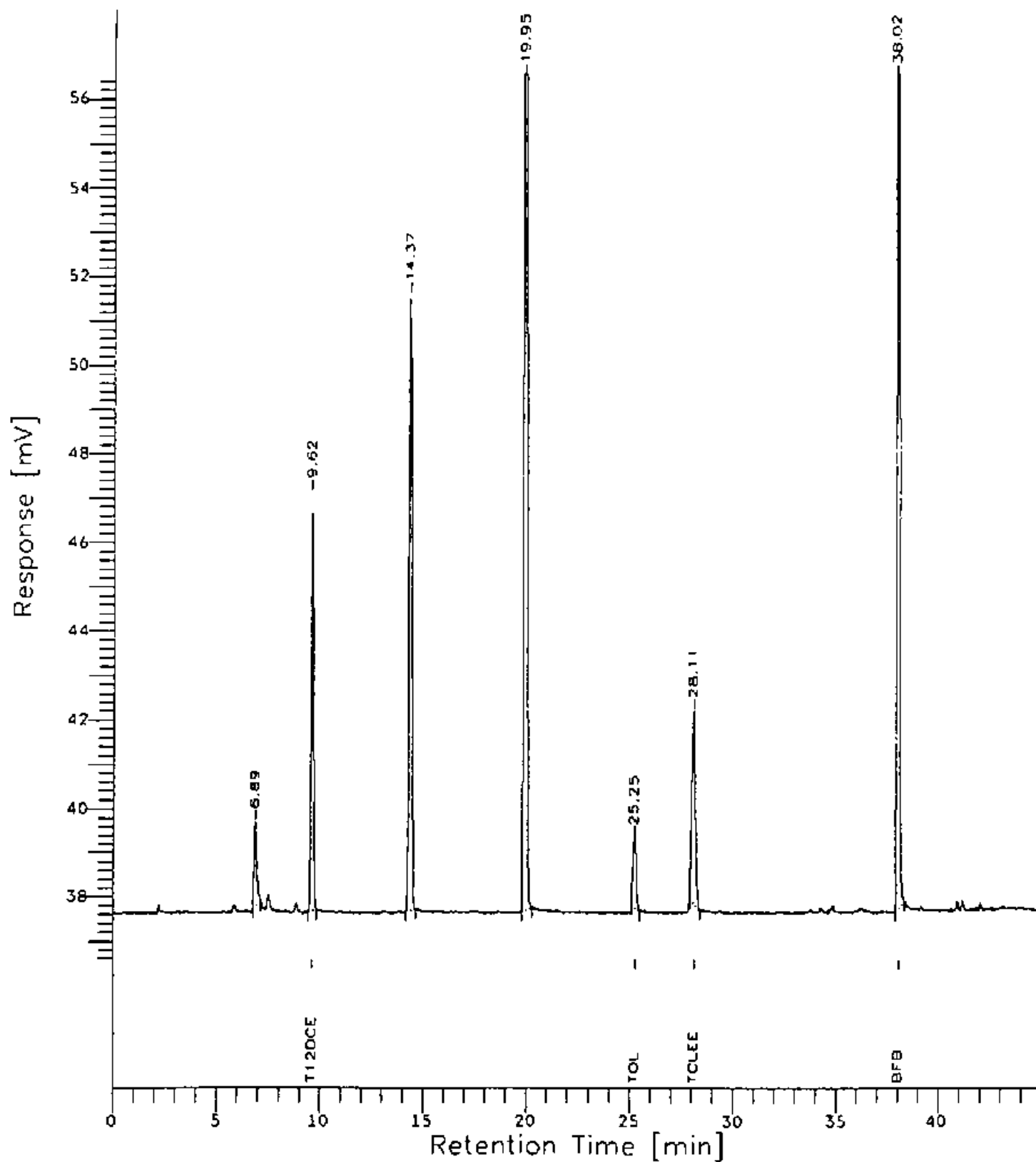
Low Point : 36.59 mV

High Point : 56.59 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000388

=====

Sample Name	: CDDMTW*42 1:20	Time	: 11/22/93 9:19 PM
Sample Number	: 41	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 2:36 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA041.raw
Result File : D:\2700\BRUCE\X\37WA041.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGA.prc
Sample File : D:\2700\BRUCE\MEGA.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
Sample Amount : 1.0000

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ELCD REPORT

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30M MEGABORE DB624 GC#B71237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BI Delta RT [%]
1	9.67	T12DCE	74994 BB	-3.18
2	14.38	C12DCE	427117 BB	-0.67
4	19.98	TRCLE	8721214 BB	-1.09
5	29.09	112TCE+TCLEE	66540 BB	-0.98
6	38.05	BFB	800285 BB	-0.46
7	38.74	1122TCLEA	575598 BB	-0.29

10665747

Chromatogram

FileName : D:\2700\BRUCE\X\374A041.raw

Date : 11/22/93 9:20 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

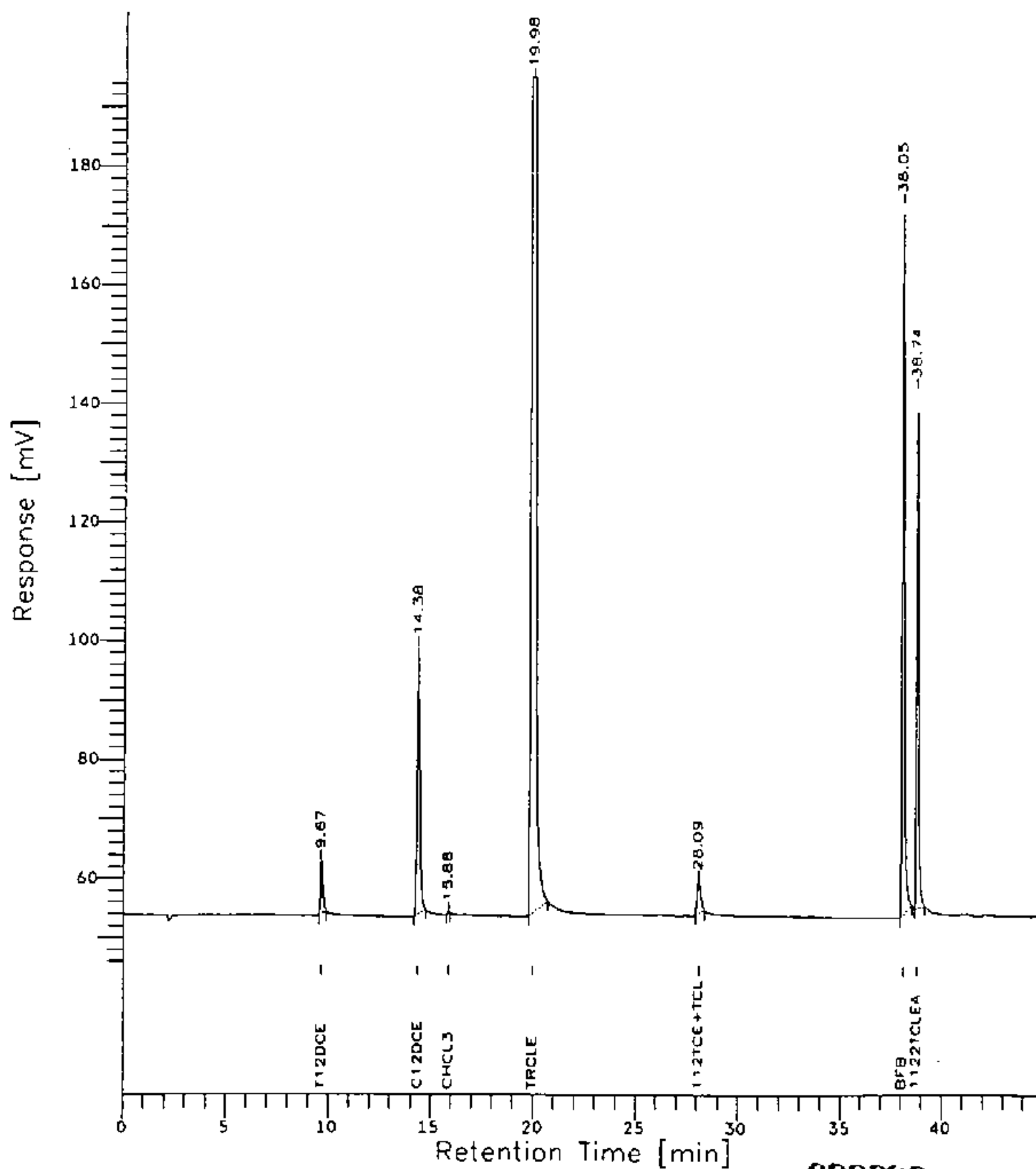
Low Point : 45.18 mV

High Point : 195.18 mV

Scale Factor: -1

Plot Offset: 45 mV

Plot Scale: 150 mV



000390

=====

Sample Name	: CDDMTW*42 1:20	Time	: 11/22/93 9:21 PM
Sample Number	: 41	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 2:36 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB041.raw
Result File : D:\2700\BRUCE\X\37WB041.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
2	9.63	T12DCE	12277 BB	-1.22
5	38.01	BFB	422164 BB	-0.10

434442

Chromatogram

46 397

FileName : D:\2700\BRUCE\K\37WBO41.raw

Date : 11/22/93 9:21 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

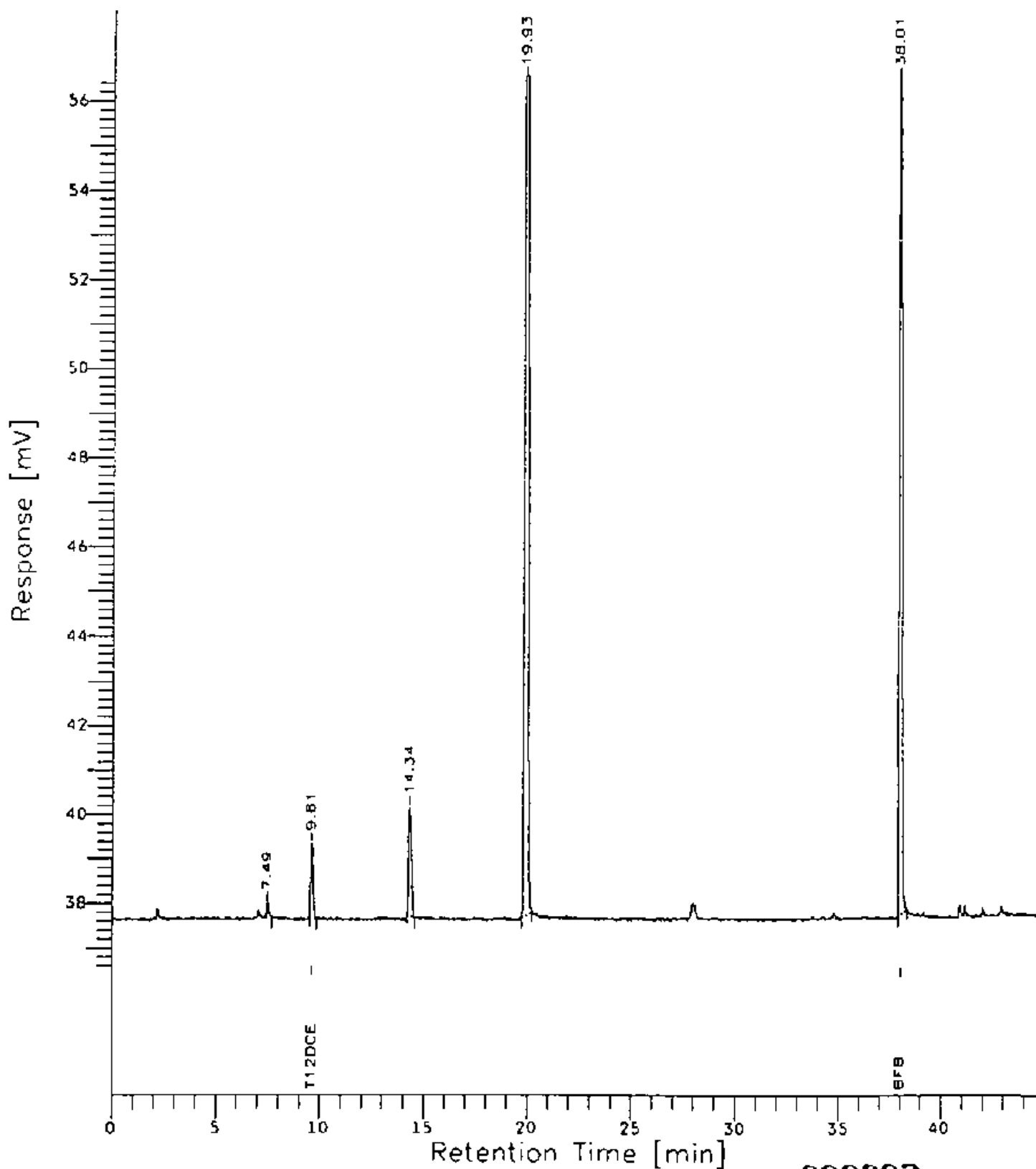
Low Point : 36.59 mV

High Point : 56.59 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000392

=====

Sample Name	: SPM*CDDMTW*3	Time	: 11/22/93 9:22 PM
Sample Number	: 42	Study	:
Operator	:		

Interface # : 5 Channel : A A/D mV Range : 10000
 AutoSampler : None attached
 Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 3:36 PM
 Delay Time : 0.00 min.
 End Time : 45.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA042.raw
 Result File : D:\2700\BRUCE\X\37WA042.rst
 Instrument File: D:\2700\BRUCE\MEGA.ins
 Process File : D:\2700\BRUCE\MEGA.pro
 Sample File : D:\2700\BRUCE\MEGA.smp
 Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 uL Area Reject : 6800.00
 Sample Amount : 1.0000

=====

ELCD REPORT

=====

30M MEGABORE DB624 GC#871237

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	5.17	CCL3F	2146767 BB	-4.80
2	6.91	110CE	5780429 BB	-4.54
3	9.65	T120CE	7772 BB	-3.35
4	11.49	110CLE	119605 BB	-2.35
5	14.30	C120CE	39409 BB	-1.25
6	15.74	CHCL3	3173077 BV	-0.81
7	16.03	111TCE	3067370 VE	0.00
8	16.47	CCL4	76377 BB	-0.92
9	17.92	120CLE	51155 BB	-0.91
10	19.95	TRCLE	8640264 BB	-1.26
11	24.01	2CEVE	1782144 BB	0.33
12	27.19	T130CPE	1215039 BB	-1.13
13	28.09	112TCE+TCLEE	19744142 BB	-0.98
14	33.78	CLBENZ	931814 BB	-0.33
15	38.07	BFB	807283 MM	-0.42
16	38.76	1122TCLEA	957382 MM	-0.26

48540036

Chromatogram

Filename : D:\2700\BRUCE\X\3744042.raw

Date : 11/22/93 9:22 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

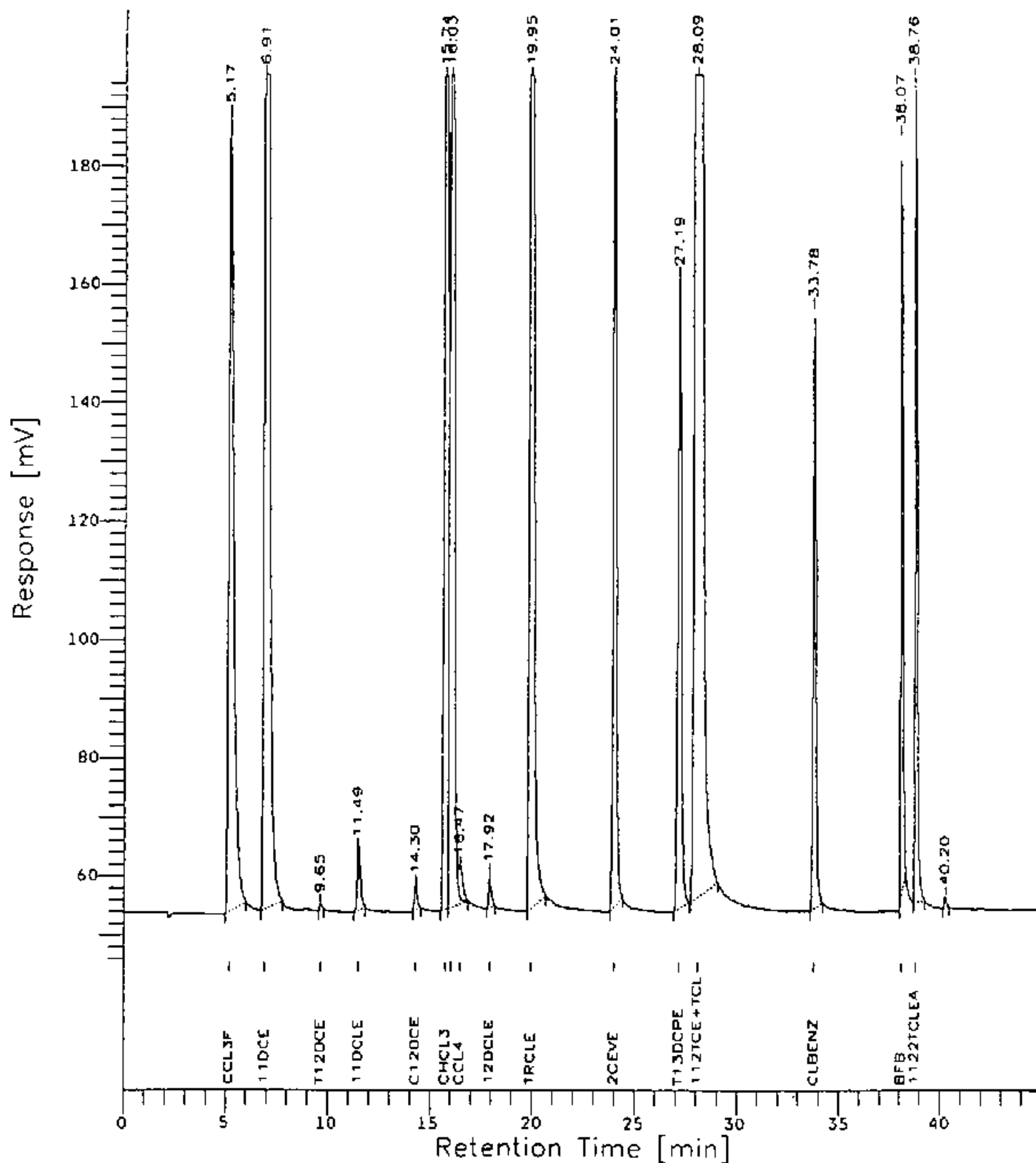
Low Point : 45.44 mV

High Point : 195.44 mV

Scale Factor: -1

Plot Offset: 45 mV

Plot Scale: 150 mV



000394

=====

Sample Name	: SPM*CDDMTW*3	Time	: 11/22/93 9:24 PM
Sample Number	: 42	Study	:
Operator	:		

Interface # : 5 Channel : 8 A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 3:36 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB042.raw
Result File : D:\2700\BRUCE\X\37WB042.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
2	9.65	MTBE	63301 BB	-0.82
4	17.40	BENZ	256125 BB	-2.17
7	25.21	TOL	242228 BB	-0.74
9	28.06	TCLEF	2021550 BB	-0.54
10	33.74	CLBENZ	261285 BB	-0.22
11	34.27	ETBENZ	227530 BB	-0.17
12	38.03	BFB	425893 BB	-0.05
13	40.20	M-DCB	2968 BB	-1.68

=====

3500660

Chromatogram

FileName : D:\2700\BRUCE\003748042.raw

Date : 11/22/93 9:24 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

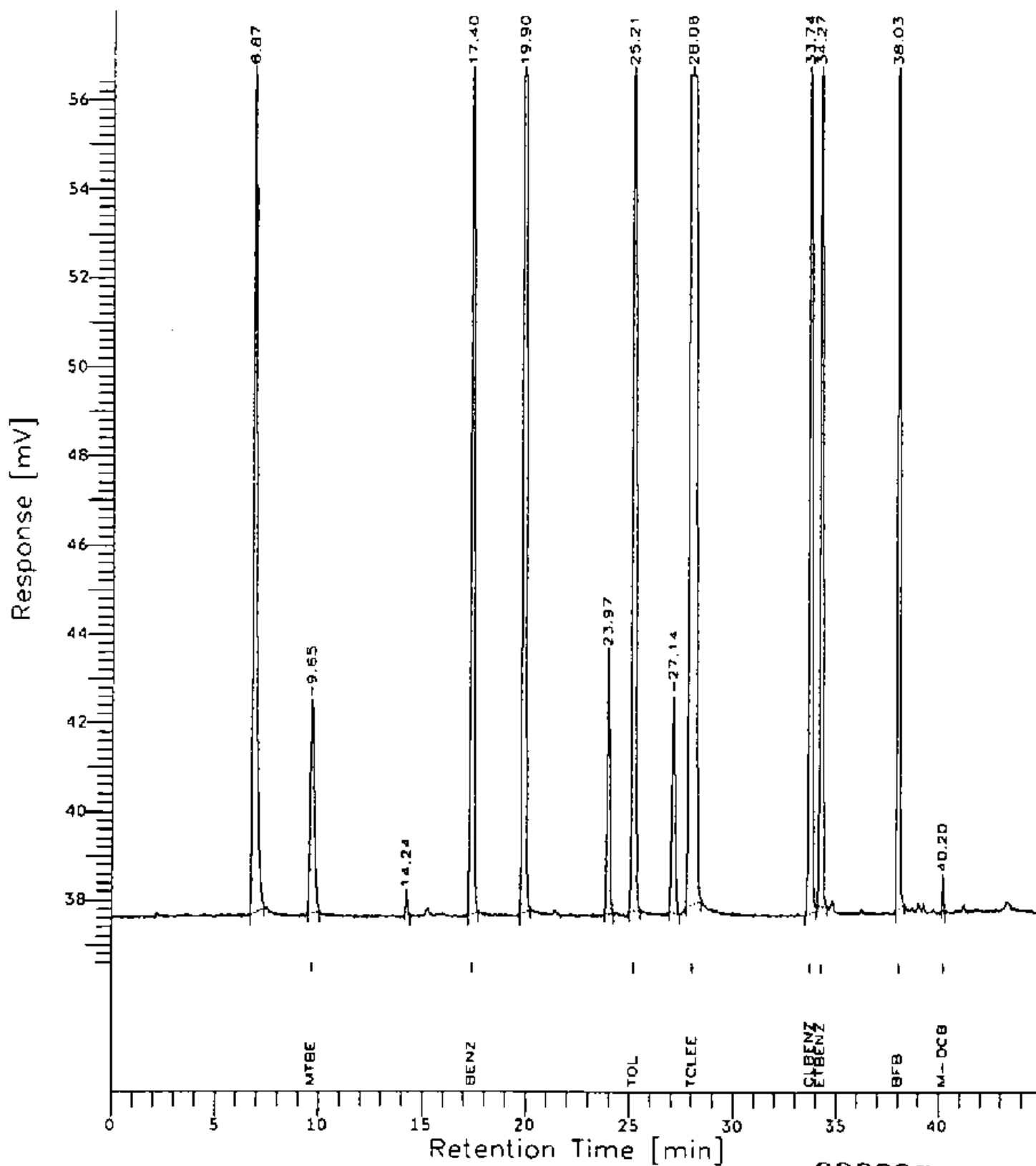
Low Point : 36.58 mV

High Point : 56.58 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000396

=====

Sample Name : SPM*CODMTW*10 Time : 11/22/93 9:25 PM
 Sample Number: 43 Study :
 Operator :

Interface # : 5 Channel : A A/D mV Range : 10000
 AutoSampler : None attached
 Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 4:36 PM
 Delay Time : 0.00 min.
 End Time : 45.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WA043.raw
 Result File : D:\2700\BRUCE\X\37WA043.rst
 Instrument File: D:\2700\BRUCE\MEGA.ins
 Process File : D:\2700\BRUCE\MEGA.prc
 Sample File : D:\2700\BRUCE\MEGA.smp
 Sequence File : D:\2700\BRUCE\X\CODM1117.seq

Inj. Volume : 1 ul Area Reject : 6800.00
 Sample Amount : 1.0000

=====

ELCD REPORT

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30M MEGABORE DB624 GC#871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	3.51	VC	15813 MM	-0.10
2	5.11	CCL3F	2353696 BB	-5.85
3	6.83	11DCE	10145129 BB	-5.63
4	8.81	MECL2	13782567 BV	0.00
5	9.56	T12DCE	10335339 VV	3.12
6	11.42	11OCLE	338561 VB	-2.89
7	14.18	C12DCE	17494856 BV	0.00
8	15.65	CMCL3	3499520 VV	0.00
9	15.94	111TCE	3626818 VE	0.00
10	16.40	CCL4	193981 EB	-1.33
11	17.81	12DCE	299936 BB	-1.57
12	19.86	TRCLE	20108076 BB	-1.68
13	23.91	C13DCPE	2051176 BB	-0.10
15	27.10	T13DCPE	1416215 BV	-1.44
16	28.03	112TCE+TCLEE	17962326 VB	-1.18
18	33.76	CLBENZ	1007519 BB	-0.39
20	38.08	BFB	810604 MM	-0.39
21	38.77	1122TCLEA	2999826 MM	-0.20

108461960

000397

Chromatogram

FileName : O:\2700\BRUCE\X\3744043.raw

Date : 11/22/93 9:25 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

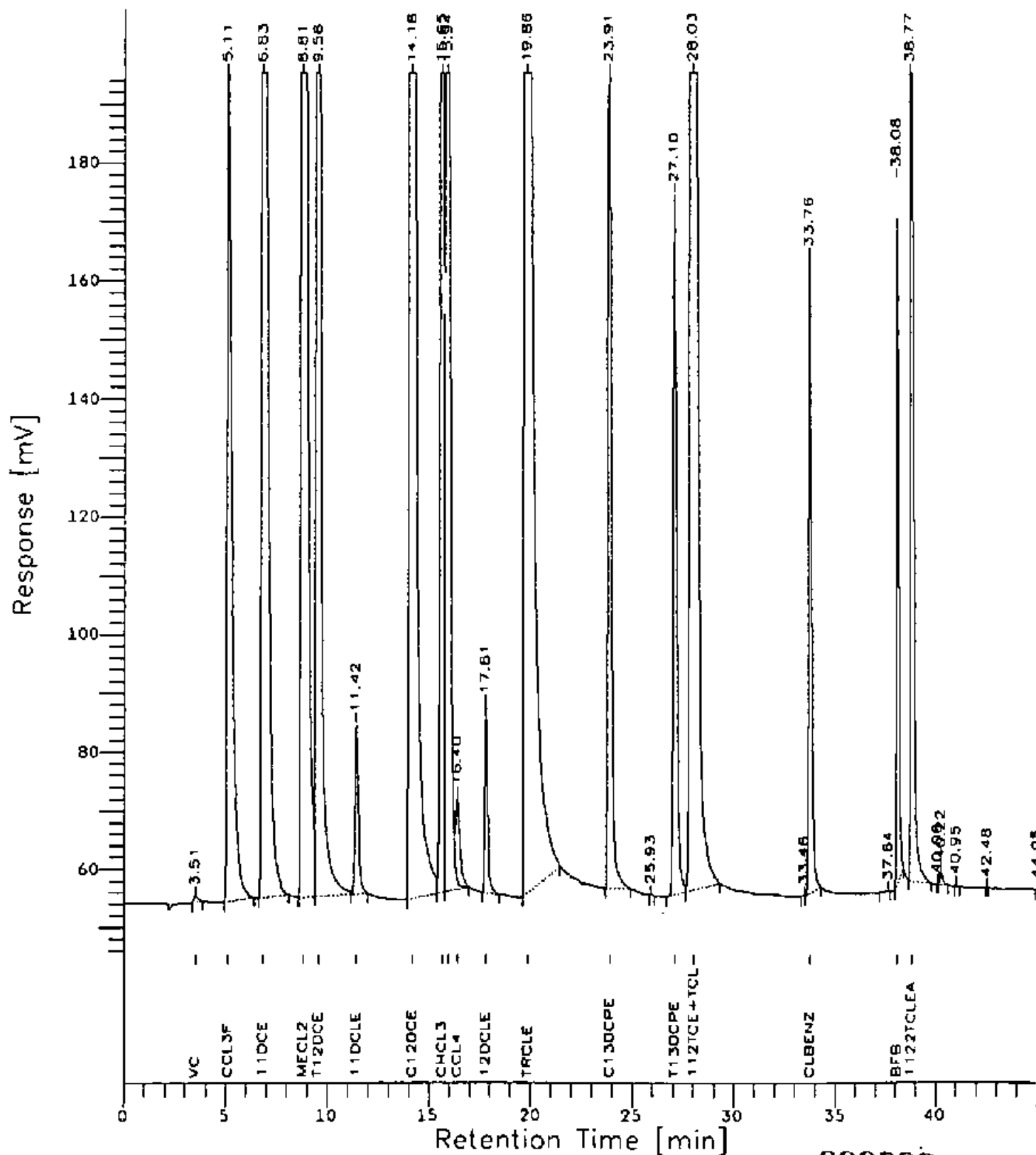
Low Point : 45.39 mV

High Point : 195.39 mV

Scale Factor : -1

Plot Offset : 45 mV

Plot Scale : 150 mV



000398

=====

Sample Name	: SPM*CDDMTW*10	Time	: 11/22/93 9:27 PM
Sample Number	: 43	Study	:
Operator	:		

Interface # : 5 Channel : B A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/19/93 4:36 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\BRUCE\X\37WB043.raw
Result File : D:\2700\BRUCE\X\37WB043.rst
Instrument File: D:\2700\BRUCE\MEGA.ins
Process File : D:\2700\BRUCE\MEGB.prc
Sample File : D:\2700\BRUCE\MEGB.smp
Sequence File : D:\2700\BRUCE\X\CDDM1117.seq

Inj. Volume : 1 ML Area Reject : 500.00
Sample Amount : 1.0000

=====

PID REPORT

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30M MEGABORE DB624 GCH871237

=====

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
6	9.50	T120CE	1624826 BB	-1.53
8	17.31	BENZ	275378 BB	-0.55
11	25.12	TOL	714209 BB	-1.09
13	27.99	TCLEE	1393956 BB	-0.78
14	33.72	CLBENZ	269000 BB	-0.29
15	34.24	ETBENZ	253657 BB	-0.23
16	34.77	M,P-XYL	1799 BB	-0.26
17	38.04	BFB	431902 BB	-0.03
18	41.67	O-DCB	1714 BB	-0.77

4986440

Chromatogram

46 405

FileName : D:\2700\BPUCE\X\3748043.raw

Date : 11/22/93 9:27 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

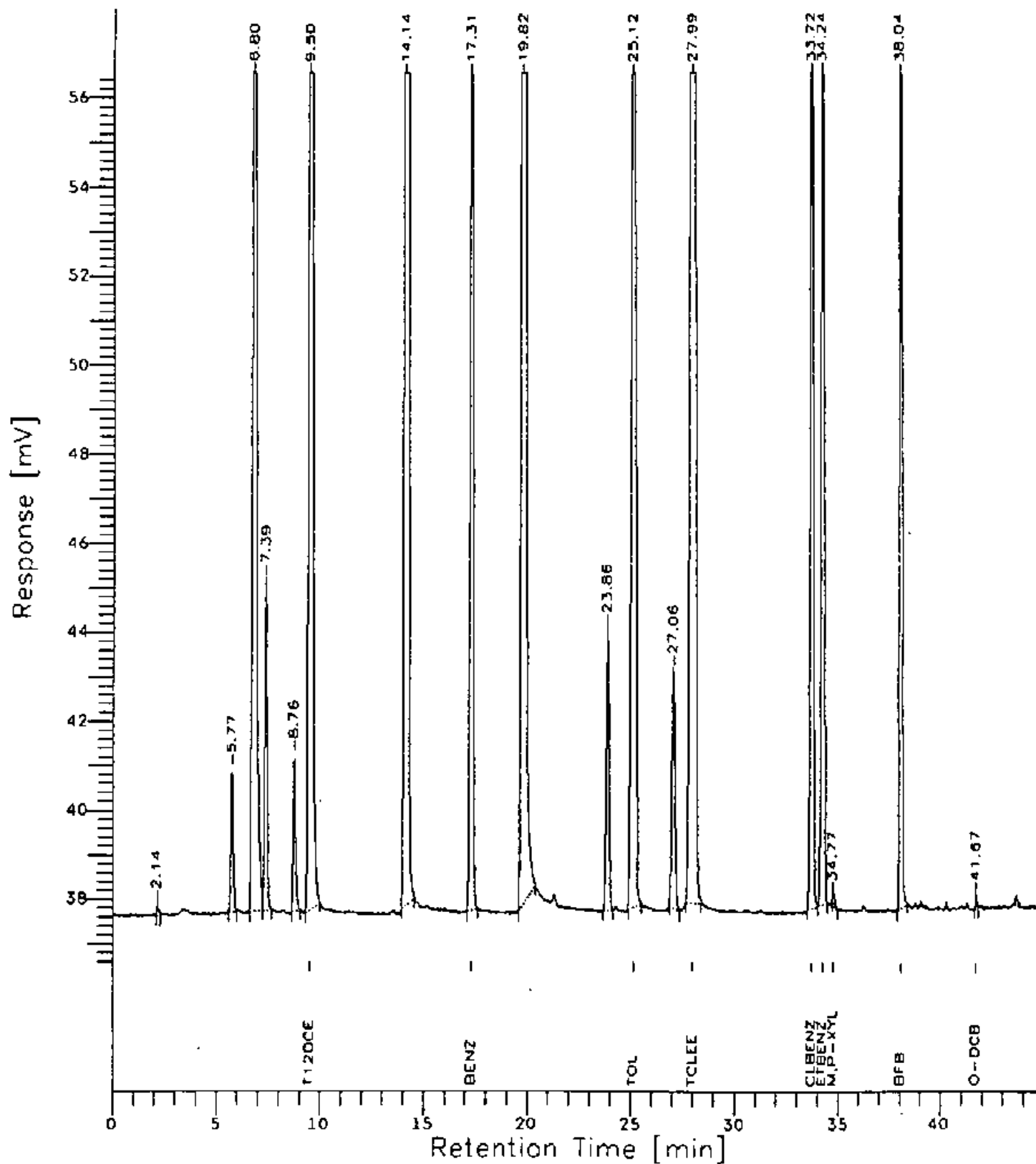
Low Point : 36.58 mV

High Point : 56.58 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000400

```

=====
Sample Name   : CCS*1118*3           Time       : 11/22/93  9:28 PM
Sample Number: 44                     Study        :
Operator      :

```

```

Interface #   : 5           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/19/93  5:37 PM
Delay Time       : 0.00 min.
End Time         : 45.00 min.
Sampling Rate    : 2.9412 pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WAO44.raw
Result File     : D:\2700\BRUCE\X\37WAO44.rst
Instrument File  : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGA.prc
Sample File     : D:\2700\BRUCE\MEGA.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 6800.00
Sample Amount   : 1.0000

```

```

=====
                        ELCD REPORT
=====

```

```

30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	EL Delta RT [%]
1	2.74	DCDFM	1035090 BV	-2.56
2	3.19	CH3CL	247385 VV	-3.93
3	3.45	VC	1808760 VB	-1.87
4	4.27	CH3BR	492244 BV	-1.18
5	4.52	C2H5CL	1307722 VV	-1.36
6	5.13	CCL3F	2724284 VB	-5.43
7	6.85	11DCE	2160510 BB	-5.48
8	8.82	MECL2	2766029 BV	0.19
9	9.58	T12DCE	2776502 VB	0.24
10	11.46	11DCLF	2577008 BB	-2.60
11	14.21	C12DCE	17615 BB	0.20
12	15.66	CHCL3	3464886 BV	0.04
13	15.95	111TCE	3237736 VV	0.07
14	16.41	CCL4	3884438 VB	-1.27
15	17.84	12DCLF	2004133 BB	-1.38
16	19.69	TRCLE	3291578 BB	-1.54
17	20.84	12DCPA	2414339 BB	0.00
18	22.01	CHCL2BR	2304785 BB	-1.82
19	23.55	2CEVE	503100 BV	0.00
20	23.98	C13DCPE	2369387 VB	0.19
21	27.17	T13DCPE	1554604 BV	-1.20
22	28.11	112TCE+TCLEE	5411988 VB	-0.92
23	30.44	CHCLBR2	1374547 BB	-1.03
24	33.78	CLBENZ	1231315 BB	-0.33
25	37.02	CHBR3	750377 BB	-0.58
26	38.10	BFB	857269 MM	-0.34
27	38.79	1122TCLEA	1226572 BB	-0.16
29	40.95	M-OCB	1655797 BV	0.00

000401

30	41.20	P-DCB	1776013 VB	0.00
31	42.06	O-DCB	1569382 BB	0.11

58795396

Chromatogram

46 408

FileName : D:\2700\BRUCE\X\3740044.raw

Date : 11/22/93 9:28 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

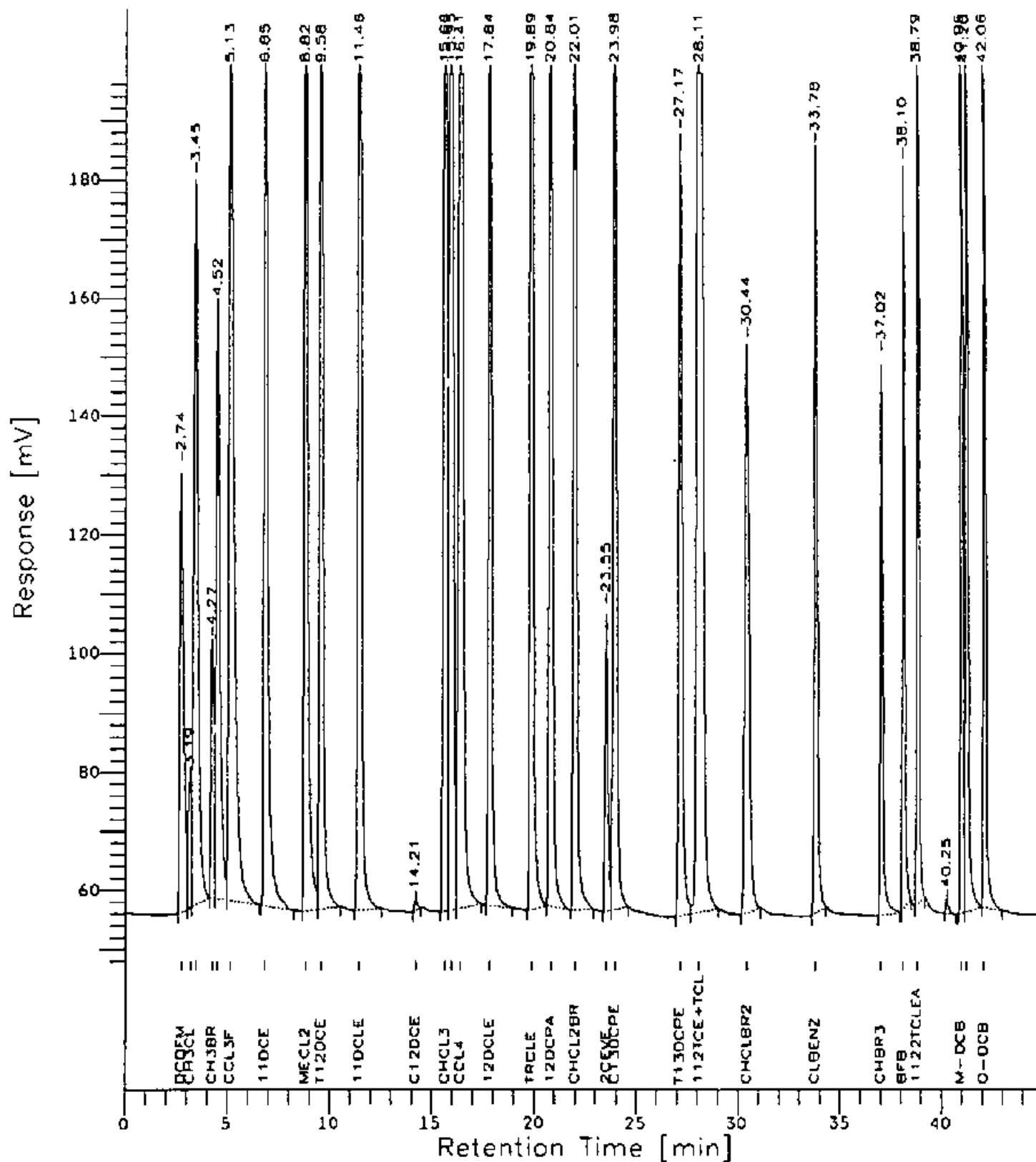
Low Point : 47.96 mV

High Point : 197.96 mV

Scale Factor: -1

Plot Offset: 48 mV

Plot Scale: 150 mV



000403

```

=====
Sample Name   : CCS*1118*3           Time       : 11/22/93  9:30 PM
Sample Number : 44                   Study        :
Operator      :

```

```

Interface #   : 5           Channel : B           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/19/93  5:37 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\BRUCE\X\37WB044.raw
Result File     : D:\2700\BRUCE\X\37WB044.rst
Instrument File : D:\2700\BRUCE\MEGA.ins
Process File    : D:\2700\BRUCE\MEGB.pro
Sample File     : D:\2700\BRUCE\MEGB.smp
Sequence File   : D:\2700\BRUCE\X\CDDM1117.seq

```

```

Inj. Volume    : 1           ML      Area Reject    : 500.00
Sample Amount  : 1.0000

```

PID REPORT

```

=====
30M MEGABORE DB624 GC#871237
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	BL	Delta RT [%]
6	9.56	T12DCE	294946	MM	0.54
7	9.64	MTBE	75000	MM	0.00
9	17.33	BENZ	323309	BB	-0.39
13	25.19	TOL	309128	BB	-0.83
15	28.03	TCLEE	160604	BB	-0.62
16	33.74	CLBENZ	344811	BB	-0.22
17	34.27	ETBENZ	307241	BB	-0.15
18	34.83	M,P-XYL	759778	BB	-0.10
19	36.28	O-XYL	335830	BB	-0.03
21	38.06	BFB	424130	BB	0.03
22	40.91	M-DCB	348106	BB	0.07
23	41.16	P-DCB	301906	BB	0.07
24	42.02	O-DCB	261181	BY	0.06

4245969

Chromatogram

FileName : D:\2700\BRUCE\X\37MB044.raw

Date : 11/22/93 9:30 PM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

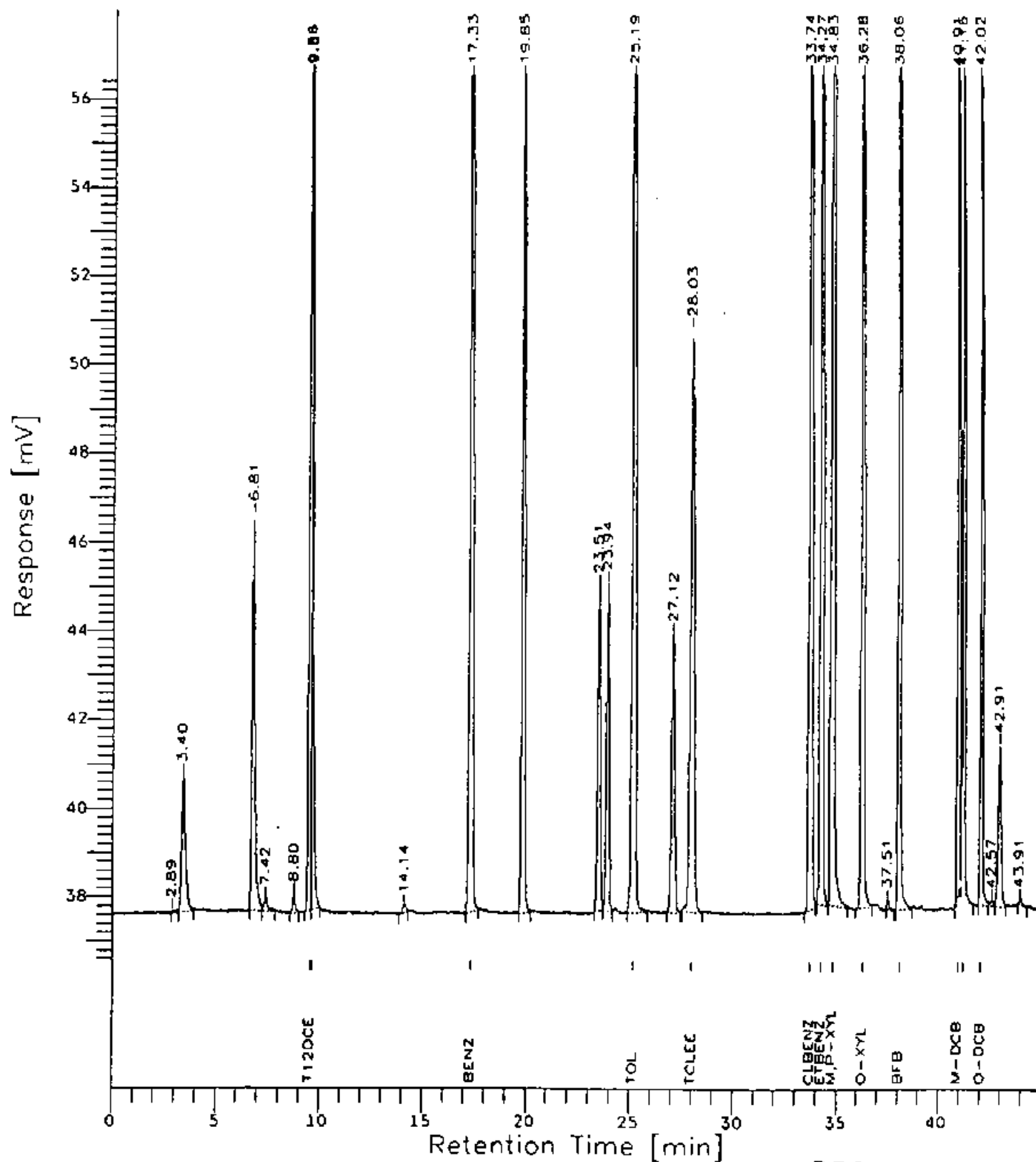
Low Point : 36.57 mV

High Point : 56.57 mV

Scale Factor: -1

Plot Offset: 37 mV

Plot Scale: 20 mV



000405

Sequence File : D:\2700\DATA3\CDDCON2.seq
 Created by : on : 6/21/93 9:34 AM
 Edited by : on : 11/29/93 11:25 AM
 Number Of Times Edited : 0

Sequence File Header Information:

Study Name :
 Segment Interface : YES
 Number of Cycles : 25

Cycle	Sample Name	Sample Number	Sequence Sample Descriptions				Mult	Divisor	Addend	Inst File
			Sample Amount	ISTD Amount	Inj. Volume	Dil. Factor				
1	MB*CON*1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
2	BB2087-1	2	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
3	BB2087-2.5	3	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
4	BB2087-5	4	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
5	BB2087-25	5	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
6	BB2087-50	6	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
7	ICV*CON*1	7	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
8	CDDMTW*6	8	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
9	CDDMTW*15	9	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
10	CDDMTW*31	10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
11	CDDMTW*32	11	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
12	CDDMTW*35	12	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
13	CDDMTW*22	13	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
14	CDDMTW*37	14	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
15	CCS*CON*1	15	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
16	CDDMTW*2 1:2	16	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
17	CDDMTW*3	17	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
18	CDDMTW*10	18	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
19	CDDMTW*11	19	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
20	CDDMTW*12	20	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
21	CDDMTW*25	21	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
22	CDDMTW*26	22	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
23	CDDMTW*41	23	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
24	CDDMTW*42	24	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR
25	CCS*CON*2	25	1.000	1.000	1.000	1.000	1.000	1.000	0.000	RTAPR

These samples in batch G44136.
 112 TCE later quantitated from
 this run. *BWS*
 11/29/93

46 412

Sequence Process Description - Channel A										Cal	Level	Update	Norm.
Cycle	Process	Sample	Report	Raw	Result	Baseline	Modified	Cal	Level				
	File	File	Format	File	File	File	Raw File	Mode	Name	RT	Factor		
1	RTA	RTA	RTA	CDBA001	CDBA001			N		Y	100.0		
2	RTA	RTA	RTA	CDBA002	CDBA002			N		Y	100.0		
3	RTA	RTA	RTA	CDBA003	CDBA003			N		Y	100.0		
4	RTA	RTA	RTA	CDBA004	CDBA004			N		Y	100.0		
5	RTA	RTA	RTA	CDBA005	CDBA005			N		Y	100.0		
6	RTA	RTA	RTA	CDBA006	CDBA006			N		Y	100.0		
7	RTA	RTA	RTA	CDBA007	CDBA007			N		Y	100.0		
8	RTA	RTA	RTA	CDBA008	CDBA008			N		Y	100.0		
9	RTA	RTA	RTA	CDBA009	CDBA009			N		Y	100.0		
10	RTA	RTA	RTA	CDBA010	CDBA010			N		Y	100.0		
11	RTA	RTA	RTA	CDBA011	CDBA011			N		Y	100.0		
12	RTA	RTA	RTA	CDBA012	CDBA012			N		Y	100.0		
13	RTA	RTA	RTA	CDBA013	CDBA013			N		Y	100.0		
14	RTA	RTA	RTA	CDBA014	CDBA014			N		Y	100.0		
15	RTA	RTA	RTA	CDBA015	CDBA015			N		Y	100.0		
16	RTA	RTA	RTA	CDBA016	CDBA016			N		Y	100.0		
17	RTA	RTA	RTA	CDBA017	CDBA017			N		Y	100.0		
18	RTA	RTA	RTA	CDBA018	CDBA018			N		Y	100.0		
19	RTA	RTA	RTA	CDBA019	CDBA019			N		Y	100.0		
20	RTA	RTA	RTA	CDBA020	CDBA020			N		Y	100.0		
21	RTA	RTA	RTA	CDBA021	CDBA021			N		Y	100.0		
22	RTA	RTA	RTA	CDBA022	CDBA022			N		Y	100.0		
23	RTA	RTA	RTA	CDBA023	CDBA023			N		Y	100.0		
24	RTA	RTA	RTA	CDBA024	CDBA024			N		Y	100.0		
25	RTA	RTA	RTA	CDBA025	CDBA025			N		Y	100.0		

000407

ANALYSIS DATE: 11/23/93

ANALYST: BWS 715

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
ME=CON*1	CDBA001.rs	11/23/93	5:56 PM		
BB2087-1	CDBA002.rs	11/23/93	6:49 PM	27.75	20171
BB2087-2.5	CDBA003.rs	11/23/93	7:52 PM	27.75	39250
BB2087-5	CDBA004.rs	11/23/93	8:45 PM	27.75	73423
BB2087-25	CDBA005.rs	11/23/93	9:37 PM	27.75	318468
BB2087-50	CDBA006.rs	11/23/93	10:29 PM	27.75	483171
ICV=CON*1	CDBA007.rs	11/23/93	11:21 PM	27.75	259134
CDOMTWO*2 1:2	CDBA016.rs	11/24/93	7:11 AM		
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM		
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	27.67	62393
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM		
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	27.66	16993
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM		
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM		
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	27.66	69753
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	27.68	26540
CCS=CON*2	CDBA025.rs	11/24/93	3:01 PM	27.65	347215

ASCII File Created Successfully - Stored in: D:\2700\06103\112.prn

000408

***** ELCD SUMMARY REPORT *****

ANALYSIS DATE: 11/23/93

ANALYST: BWS 715

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	DCDFM Area
ME*CON*1	CDBA001.rs	11/23/93	5:56 PM		
882087-1	CDBA002.rs	11/23/93	6:49 PM	6.29	738
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	6.26	1255
882087-5	CDBA004.rs	11/23/93	8:45 PM	6.29	2260
882087-25	CDBA005.rs	11/23/93	9:37 PM	6.30	25335
882087-50	CDBA006.rs	11/23/93	10:29 PM	6.28	63736
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM		
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM		
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM		
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM		
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM		
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM		
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM		
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM		
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	6.24	26764
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM		
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM		
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM		
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM		
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM		
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM		
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM		
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM		
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM		
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	6.23	25347

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	CHSCL Area
ME*CON*1	CDBA001.rs	11/23/93	5:56 PM		
882087-1	CDBA002.rs	11/23/93	6:49 PM	7.06	666
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	7.05	1264
882087-5	CDBA004.rs	11/23/93	8:45 PM	7.07	3155
882087-25	CDBA005.rs	11/23/93	9:37 PM	7.07	23402
882087-50	CDBA006.rs	11/23/93	10:29 PM	7.08	44968
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM		
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM		
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM		
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM		
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM		
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM		
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM		
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM		
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	7.01	23697
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM		
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM		
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM		
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM		
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM		
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM		
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM		
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM		
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM		
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	7.00	24205

VC

000409

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
MB*CON*1	CD8A001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CD8A002.rs	11/23/93	6:49 PM	7.60	1476
882087-2.5	CD8A003.rs	11/23/93	7:52 PM	7.60	2300
882087-5	CD8A004.rs	11/23/93	8:45 PM	7.61	8597
882087-25	CD8A005.rs	11/23/93	9:37 PM	7.74	77525
882087-50	CD8A006.rs	11/23/93	10:29 PM	7.74	164230
ICV*CON*1	CD8A007.rs	11/23/93	11:21 PM	-----	-----
CD8MTW*5	CD8A008.rs	11/24/93	12:13 AM	-----	-----
CD8MTW*15	CD8A009.rs	11/24/93	1:06 AM	-----	-----
CD8MTW*31	CD8A010.rs	11/24/93	1:58 AM	-----	-----
CD8MTW*32	CD8A011.rs	11/24/93	2:50 AM	-----	-----
CD8MTW*35	CD8A012.rs	11/24/93	3:43 AM	-----	-----
CD8MTW*22	CD8A013.rs	11/24/93	4:35 AM	-----	-----
CD8MTW*37	CD8A014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CD8A015.rs	11/24/93	6:19 AM	7.54	75067
CD8MTW*2 1:2	CD8A016.rs	11/24/93	7:11 AM	7.56	38294
CD8MTW*3	CD8A017.rs	11/24/93	8:03 AM	-----	-----
CD8MTW*10	CD8A018.rs	11/24/93	8:56 AM	-----	-----
CD8MTW*11	CD8A019.rs	11/24/93	9:48 AM	-----	-----
CD8MTW*12	CD8A020.rs	11/24/93	10:40 AM	-----	-----
CD8MTW*25	CD8A021.rs	11/24/93	11:32 AM	-----	-----
CD8MTW*26	CD8A022.rs	11/24/93	12:24 PM	-----	-----
CD8MTW*41	CD8A023.rs	11/24/93	1:16 PM	-----	-----
CD8MTW*42	CD8A024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CD8A025.rs	11/24/93	3:01 PM	7.54	72465

CH38R					
Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
MB*CON*1	CD8A001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CD8A002.rs	11/23/93	6:49 PM	-----	-----
882087-2.5	CD8A003.rs	11/23/93	7:52 PM	-----	-----
882087-5	CD8A004.rs	11/23/93	8:45 PM	-----	-----
882087-25	CD8A005.rs	11/23/93	9:37 PM	-----	-----
882087-50	CD8A006.rs	11/23/93	10:29 PM	-----	-----
ICV*CON*1	CD8A007.rs	11/23/93	11:21 PM	-----	-----
CD8MTW*5	CD8A008.rs	11/24/93	12:13 AM	-----	-----
CD8MTW*15	CD8A009.rs	11/24/93	1:06 AM	-----	-----
CD8MTW*31	CD8A010.rs	11/24/93	1:58 AM	-----	-----
CD8MTW*32	CD8A011.rs	11/24/93	2:50 AM	-----	-----
CD8MTW*35	CD8A012.rs	11/24/93	3:43 AM	-----	-----
CD8MTW*22	CD8A013.rs	11/24/93	4:35 AM	-----	-----
CD8MTW*37	CD8A014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CD8A015.rs	11/24/93	6:19 AM	-----	-----
CD8MTW*2 1:2	CD8A016.rs	11/24/93	7:11 AM	-----	-----
CD8MTW*3	CD8A017.rs	11/24/93	8:03 AM	-----	-----
CD8MTW*10	CD8A018.rs	11/24/93	8:56 AM	-----	-----
CD8MTW*11	CD8A019.rs	11/24/93	9:48 AM	-----	-----
CD8MTW*12	CD8A020.rs	11/24/93	10:40 AM	-----	-----
CD8MTW*25	CD8A021.rs	11/24/93	11:32 AM	-----	-----
CD8MTW*26	CD8A022.rs	11/24/93	12:24 PM	-----	-----
CD8MTW*41	CD8A023.rs	11/24/93	1:16 PM	-----	-----
CD8MTW*42	CD8A024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CD8A025.rs	11/24/93	3:01 PM	-----	-----

C2H5CL					
Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	Area
MB*CON*1	CD8A001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CD8A002.rs	11/23/93	6:49 PM	9.05	5854
882087-2.5	CD8A003.rs	11/23/93	7:52 PM	9.04	11812
882087-5	CD8A004.rs	11/23/93	8:45 PM	9.03	39532
882087-25	CD8A005.rs	11/23/93	9:37 PM	9.04	221344
882087-50	CD8A006.rs	11/23/93	10:29 PM	9.03	432666

ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	-----	-----
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	-----	-----
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	-----	-----
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	-----	-----
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	-----	-----
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	8.95	208639

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	CCL3F Area
MB*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	10.00	4664
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	10.02	8824
882087-5	CDBA004.rs	11/23/93	8:45 PM	10.01	29672
882087-25	CDBA005.rs	11/23/93	9:37 PM	10.01	169662
882087-50	CDBA006.rs	11/23/93	10:29 PM	10.00	291806
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	-----	-----
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	-----	-----
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	9.92	194513
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	-----	-----
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	-----	-----
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	9.92	154168

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	110CE Area
MB*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	12.06	6951
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	12.06	22154
882087-5	CDBA004.rs	11/23/93	8:45 PM	12.05	55172
882087-25	CDBA005.rs	11/23/93	9:37 PM	12.07	281790
882087-50	CDBA006.rs	11/23/93	10:29 PM	12.06	459568
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	12.07	225417
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	12.06	748881
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	11.96	176351

000411

CDOMTW=2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW=3	CDBA017.rs	11/24/93	8:03 AM	11.96	561568
CDOMTW=10	CDBA018.rs	11/24/93	8:56 AM	11.97	1071062
CDOMTW=11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW=12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW=25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW=26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW=41	CDBA023.rs	11/24/93	1:16 PM	11.95	1626842
CDOMTW=42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS=CON+2	CDBA025.rs	11/24/93	3:01 PM	11.96	302110

Sample Name	File Name	Date Of Injection	Time Of Injection	MECL2	
				Ret. Time	Area
MB=CON#1	CDBA001.rs	11/23/93	5:56 PM	13.54	54424
BB2067-1	CDBA002.rs	11/23/93	6:49 PM	13.55	141295
BB2067-2.5	CDBA003.rs	11/23/93	7:52 PM	13.55	167860
BB2067-5	CDBA004.rs	11/23/93	8:45 PM	13.54	204372
BB2067-25	CDBA005.rs	11/23/93	9:37 PM	13.54	480053
BB2067-50	CDBA006.rs	11/23/93	10:29 PM	13.54	699397
ICV=CON#1	CDBA007.rs	11/23/93	11:21 PM	13.55	393717
CDOMTW=6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDOMTW=15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDOMTW=31	CDBA010.rs	11/24/93	1:58 AM	-----	-----
CDOMTW=32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDOMTW=35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW=22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW=37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS=CON#1	CDBA015.rs	11/24/93	6:19 AM	13.45	365678
CDOMTW=2 1:2	CDBA016.rs	11/24/93	7:11 AM	13.46	228798
CDOMTW=3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW=10	CDBA018.rs	11/24/93	8:56 AM	13.45	3165627
CDOMTW=11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW=12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW=25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW=26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW=41	CDBA023.rs	11/24/93	1:16 PM	13.42	3615843
CDOMTW=42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS=CON#2	CDBA025.rs	11/24/93	3:01 PM	13.44	474800

Sample Name	File Name	Date Of Injection	Time Of Injection	TIZDCE	
				Ret. Time	Area
MB=CON#1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
BB2067-1	CDBA002.rs	11/23/93	6:49 PM	14.56	17424
BB2067-2.5	CDBA003.rs	11/23/93	7:52 PM	14.55	36662
BB2067-5	CDBA004.rs	11/23/93	8:45 PM	14.55	68669
BB2067-25	CDBA005.rs	11/23/93	9:37 PM	14.56	304324
BB2067-50	CDBA006.rs	11/23/93	10:29 PM	14.55	449946
ICV=CON#1	CDBA007.rs	11/23/93	11:21 PM	14.56	244582
CDOMTW=6	CDBA008.rs	11/24/93	12:13 AM	14.56	253779
CDOMTW=15	CDBA009.rs	11/24/93	1:06 AM	14.56	28931
CDOMTW=31	CDBA010.rs	11/24/93	1:58 AM	14.56	2059409
CDOMTW=32	CDBA011.rs	11/24/93	2:50 AM	14.46	165764
CDOMTW=35	CDBA012.rs	11/24/93	3:43 AM	14.45	221313
CDOMTW=22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW=37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS=CON#1	CDBA015.rs	11/24/93	6:19 AM	14.45	195591
CDOMTW=2 1:2	CDBA016.rs	11/24/93	7:11 AM	14.47	134198
CDOMTW=3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW=10	CDBA018.rs	11/24/93	8:56 AM	14.46	1391525
CDOMTW=11	CDBA019.rs	11/24/93	9:48 AM	14.45	103292
CDOMTW=12	CDBA020.rs	11/24/93	10:40 AM	14.44	304853
CDOMTW=25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW=26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW=41	CDBA023.rs	11/24/93	1:16 PM	14.44	1877855
CDOMTW=42	CDBA024.rs	11/24/93	2:09 PM	14.45	495623

Sample Name	File Name	Date Of Injection	Time Of Injection	11DCLE	
				Ret. Time	Area
HB*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	15.86	13685
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	15.86	32026
882087-5	CDBA004.rs	11/23/93	8:45 PM	15.86	62087
882087-25	CDBA005.rs	11/23/93	9:37 PM	15.86	268962
882087-50	CDBA006.rs	11/23/93	10:29 PM	15.86	380586
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	15.87	274693
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	15.87	27530
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	15.77	172227
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	15.78	16867
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	15.77	46417
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	15.75	57326
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	15.76	300419

Sample Name	File Name	Date Of Injection	Time Of Injection	C12DC6	
				Ret. Time	Area
HB*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	-----	-----
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	-----	-----
882087-5	CDBA004.rs	11/23/93	8:45 PM	-----	-----
882087-25	CDBA005.rs	11/23/93	9:37 PM	17.77	211
882087-50	CDBA006.rs	11/23/93	10:29 PM	-----	-----
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	-----	-----
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	17.75	2603097
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	17.75	144617
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	17.75	4686041
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	17.64	1767372
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	17.65	1057503
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	-----	-----
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	17.67	10149
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	17.65	3381875
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	17.65	319344
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	17.64	985608
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	17.63	4023022
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	17.65	1468119
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	-----	-----

Sample Name	File Name	Date Of Injection	Time Of Injection	CHCL3	
				Ret. Time	Area
HB*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	18.25	20359

BB2087-2.5	CDBA003.rs	11/23/93	7:52 PM	18.24	45110
BB2087-5	CDBA004.rs	11/23/93	8:45 PM	18.24	86165
BB2087-25	CDBA005.rs	11/23/93	9:37 PM	18.25	365298
BB2087-50	CDBA006.rs	11/23/93	10:29 PM	18.25	544534
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	-----	-----
CDDMTW*6	CDBA008.rs	11/24/93	12:13 AM	18.24	300021
CDDMTW*15	CDBA009.rs	11/24/93	1:06 AM	18.25	1845500
CDDMTW*31	CDBA010.rs	11/24/93	1:58 AM	18.25	474574
CDDMTW*32	CDBA011.rs	11/24/93	2:50 AM	18.14	267239
CDDMTW*35	CDBA012.rs	11/24/93	3:43 AM	18.15	59394
CDDMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDDMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	18.15	235045
CDDMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDDMTW*3	CDBA017.rs	11/24/93	8:03 AM	18.16	69697
CDDMTW*10	CDBA018.rs	11/24/93	8:56 AM	18.15	125640
CDDMTW*11	CDBA019.rs	11/24/93	9:48 AM	18.15	43121
CDDMTW*12	CDBA020.rs	11/24/93	10:40 AM	18.14	55836
CDDMTW*25	CDBA021.rs	11/24/93	11:32 AM	18.16	1093
CDDMTW*26	CDBA022.rs	11/24/93	12:24 PM	18.15	18153
CDDMTW*41	CDBA023.rs	11/24/93	1:16 PM	18.13	155233
CDDMTW*42	CDBA024.rs	11/24/93	2:09 PM	18.15	84311
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	18.15	405827

Sample Name	File Name	Date Of Injection	Time Of Injection	111TCE	
				Ret. Time	Area
ME*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
BB2087-1	CDBA002.rs	11/23/93	6:49 PM	19.54	17216
BB2087-2.5	CDBA003.rs	11/23/93	7:52 PM	19.53	38821
BB2087-5	CDBA004.rs	11/23/93	8:45 PM	19.54	73806
BB2087-25	CDBA005.rs	11/23/93	9:37 PM	19.54	325536
BB2087-50	CDBA006.rs	11/23/93	10:29 PM	19.54	488833
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	19.54	296745
CDDMTW*6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDDMTW*15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDDMTW*31	CDBA010.rs	11/24/93	1:58 AM	19.55	44426
CDDMTW*32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDDMTW*35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDDMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDDMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	19.45	199682
CDDMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	19.45	134215
CDDMTW*3	CDBA017.rs	11/24/93	8:03 AM	19.45	53111
CDDMTW*10	CDBA018.rs	11/24/93	8:56 AM	19.45	86004
CDDMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDDMTW*12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDDMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDDMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDDMTW*41	CDBA023.rs	11/24/93	1:16 PM	19.44	121696
CDDMTW*42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	19.44	359030

Sample Name	File Name	Date Of Injection	Time Of Injection	CCL4	
				Ret. Time	Area
ME*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
BB2087-1	CDBA002.rs	11/23/93	6:49 PM	20.37	21586
BB2087-2.5	CDBA003.rs	11/23/93	7:52 PM	20.35	46015
BB2087-5	CDBA004.rs	11/23/93	8:45 PM	20.36	86544
BB2087-25	CDBA005.rs	11/23/93	9:37 PM	20.36	359206
BB2087-50	CDBA006.rs	11/23/93	10:29 PM	20.36	534193
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	20.36	358498
CDDMTW*6	CDBA008.rs	11/24/93	12:13 AM	20.36	785395
CDDMTW*15	CDBA009.rs	11/24/93	1:06 AM	20.36	799832
CDDMTW*31	CDBA010.rs	11/24/93	1:58 AM	20.37	107653
CDDMTW*32	CDBA011.rs	11/24/93	2:50 AM	20.25	710267

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CDOMTW*35	COBA012.rs	11/24/93	3:43 AM	20.27	11094
CDOMTW*22	COBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	COBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	COBA015.rs	11/24/93	6:19 AM	20.26	223527
CDOMTW*2 1:2	COBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW*3	COBA017.rs	11/24/93	8:03 AM	20.29	3747
CDOMTW*10	COBA018.rs	11/24/93	8:56 AM	20.28	16466
CDOMTW*11	COBA019.rs	11/24/93	9:48 AM	20.27	6657
CDOMTW*12	COBA020.rs	11/24/93	10:40 AM	20.26	9897
CDOMTW*25	COBA021.rs	11/24/93	11:32 AM	20.27	3835
CDOMTW*26	COBA022.rs	11/24/93	12:24 PM	20.25	7966.7
CDOMTW*41	COBA023.rs	11/24/93	1:16 PM	20.26	28686
CDOMTW*42	COBA024.rs	11/24/93	2:09 PM	20.28	14970
CCS*CON*2	COBA025.rs	11/24/93	3:01 PM	20.25	410155

Sample Name	File Name	Date Of Injection	Time Of Injection	120CLE	
				Ret. Time	Area
MB*CON*1	COBA001.rs	11/23/93	5:56 PM	-----	-----
BS2087-1	COBA002.rs	11/23/93	6:49 PM	20.70	19368
BS2087-2.5	COBA003.rs	11/23/93	7:52 PM	20.69	40225
BS2087-5	COBA004.rs	11/23/93	8:45 PM	20.70	76647
BS2087-25	COBA005.rs	11/23/93	9:37 PM	20.70	313675
BS2087-50	COBA006.rs	11/23/93	10:29 PM	20.70	471807
ICV*CON*1	COBA007.rs	11/23/93	11:21 PM	20.70	269321
CDOMTW*6	COBA008.rs	11/24/93	12:13 AM	20.68	41601
CDOMTW*15	COBA009.rs	11/24/93	1:06 AM	20.64	33477
CDOMTW*31	COBA010.rs	11/24/93	1:56 AM	20.71	30304
CDOMTW*32	COBA011.rs	11/24/93	2:50 AM	20.52	34153
CDOMTW*35	COBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW*22	COBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	COBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	COBA015.rs	11/24/93	6:19 AM	20.60	209930
CDOMTW*2 1:2	COBA016.rs	11/24/93	7:11 AM	20.61	173720
CDOMTW*3	COBA017.rs	11/24/93	8:03 AM	20.52	12303
CDOMTW*10	COBA018.rs	11/24/93	8:56 AM	20.61	36768
CDOMTW*11	COBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	COBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW*25	COBA021.rs	11/24/93	11:32 AM	20.60	1026
CDOMTW*26	COBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	COBA023.rs	11/24/93	1:16 PM	20.60	41946
CDOMTW*42	COBA024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	COBA025.rs	11/24/93	3:01 PM	20.59	349191

Sample Name	File Name	Date Of Injection	Time Of Injection	FLB	
				Ret. Time	Area
MB*CON*1	COBA001.rs	11/23/93	5:56 PM	-----	-----
BS2087-1	COBA002.rs	11/23/93	6:49 PM	21.43	6896
BS2087-2.5	COBA003.rs	11/23/93	7:52 PM	21.43	7687
BS2087-5	COBA004.rs	11/23/93	8:45 PM	21.43	10297
BS2087-25	COBA005.rs	11/23/93	9:37 PM	21.43	19135
BS2087-50	COBA006.rs	11/23/93	10:29 PM	21.43	19467
ICV*CON*1	COBA007.rs	11/23/93	11:21 PM	21.43	16322
CDOMTW*6	COBA008.rs	11/24/93	12:13 AM	21.44	21015
CDOMTW*15	COBA009.rs	11/24/93	1:06 AM	21.44	20992
CDOMTW*31	COBA010.rs	11/24/93	1:56 AM	21.44	23843
CDOMTW*32	COBA011.rs	11/24/93	2:50 AM	21.33	26727
CDOMTW*35	COBA012.rs	11/24/93	3:43 AM	21.34	16995
CDOMTW*22	COBA013.rs	11/24/93	4:35 AM	21.35	5331
CDOMTW*37	COBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	COBA015.rs	11/24/93	6:19 AM	21.34	21845
CDOMTW*2 1:2	COBA016.rs	11/24/93	7:11 AM	21.35	14627
CDOMTW*3	COBA017.rs	11/24/93	8:03 AM	21.36	9971
CDOMTW*10	COBA018.rs	11/24/93	8:56 AM	21.35	25452
CDOMTW*11	COBA019.rs	11/24/93	9:48 AM	21.34	11812
CDOMTW*12	COBA020.rs	11/24/93	10:40 AM	21.34	14753

CDOMTW=25	CDBA021.rs	11/24/93	11:32 AM	21.34	7347
CDOMTW=26	CDBA022.rs	11/24/93	12:24 PM	21.33	8942
CDOMTW=41	CDBA023.rs	11/24/93	1:16 PM	21.34	30439
CDOMTW=42	CDBA024.rs	11/24/93	2:09 PM	21.35	21444
CCS*CON=2	CDBA025.rs	11/24/93	3:01 PM	21.33	32759

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	TRCLE Area
MB*CON*1	CDBA001.rs	11/23/93	5:56 PM	---	---
882087-1	CDBA002.rs	11/23/93	6:49 PM	22.74	16267
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	22.74	37585
882087-5	CDBA004.rs	11/23/93	8:45 PM	22.74	71724
882087-25	CDBA005.rs	11/23/93	9:37 PM	22.74	316307
882087-50	CDBA006.rs	11/23/93	10:29 PM	22.74	495994
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	22.75	312773
CDOMTW=6	CDBA008.rs	11/24/93	12:13 AM	22.74	2449122
CDOMTW=15	CDBA009.rs	11/24/93	1:06 AM	22.74	839378
CDOMTW=31	CDBA010.rs	11/24/93	1:58 AM	22.75	8349020
CDOMTW=32	CDBA011.rs	11/24/93	2:50 AM	22.63	1804479
CDOMTW=35	CDBA012.rs	11/24/93	3:43 AM	22.64	8534660
CDOMTW=22	CDBA013.rs	11/24/93	4:35 AM	22.65	19608
CDOMTW=37	CDBA014.rs	11/24/93	5:27 AM	---	---
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	22.64	199281
CDOMTW=2 1:2	CDBA016.rs	11/24/93	7:11 AM	---	---
CDOMTW=3	CDBA017.rs	11/24/93	8:03 AM	22.65	762452
CDOMTW=10	CDBA018.rs	11/24/93	8:56 AM	22.65	6037799
CDOMTW=11	CDBA019.rs	11/24/93	9:48 AM	22.64	435591
CDOMTW=12	CDBA020.rs	11/24/93	10:40 AM	22.63	8749325
CDOMTW=25	CDBA021.rs	11/24/93	11:32 AM	22.66	2468
CDOMTW=26	CDBA022.rs	11/24/93	12:24 PM	22.64	25757
CDOMTW=41	CDBA023.rs	11/24/93	1:16 PM	22.63	8058663
CDOMTW=42	CDBA024.rs	11/24/93	2:09 PM	22.62	11341737
CCS*CON=2	CDBA025.rs	11/24/93	3:01 PM	22.63	363031

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	12DCPA Area
MB*CON*1	CDBA001.rs	11/23/93	5:56 PM	---	---
882087-1	CDBA002.rs	11/23/93	6:49 PM	23.24	15588
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	23.24	31976
882087-5	CDBA004.rs	11/23/93	8:45 PM	23.23	62974
882087-25	CDBA005.rs	11/23/93	9:37 PM	23.24	265069
882087-50	CDBA006.rs	11/23/93	10:29 PM	23.23	393916
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	23.24	244516
CDOMTW=6	CDBA008.rs	11/24/93	12:13 AM	---	---
CDOMTW=15	CDBA009.rs	11/24/93	1:06 AM	---	---
CDOMTW=31	CDBA010.rs	11/24/93	1:58 AM	---	---
CDOMTW=32	CDBA011.rs	11/24/93	2:50 AM	---	---
CDOMTW=35	CDBA012.rs	11/24/93	3:43 AM	---	---
CDOMTW=22	CDBA013.rs	11/24/93	4:35 AM	---	---
CDOMTW=37	CDBA014.rs	11/24/93	5:27 AM	---	---
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	23.14	171448
CDOMTW=2 1:2	CDBA016.rs	11/24/93	7:11 AM	---	---
CDOMTW=3	CDBA017.rs	11/24/93	8:03 AM	---	---
CDOMTW=10	CDBA018.rs	11/24/93	8:56 AM	---	---
CDOMTW=11	CDBA019.rs	11/24/93	9:48 AM	---	---
CDOMTW=12	CDBA020.rs	11/24/93	10:40 AM	---	---
CDOMTW=25	CDBA021.rs	11/24/93	11:32 AM	---	---
CDOMTW=26	CDBA022.rs	11/24/93	12:24 PM	---	---
CDOMTW=41	CDBA023.rs	11/24/93	1:16 PM	---	---
CDOMTW=42	CDBA024.rs	11/24/93	2:09 PM	---	---
CCS*CON=2	CDBA025.rs	11/24/93	3:01 PM	23.14	289809

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	CHCL2BR Area

		Injection	Injection	Time		
MB*CON*1		CDBA001.re	11/23/93	5:56 PM		
882087-1		CDBA002.re	11/23/93	6:49 PM	23.95	14470
882087-2.5		CDBA003.re	11/23/93	7:52 PM	23.95	31912
882087-5		CDBA004.re	11/23/93	8:45 PM	23.95	62290
882087-25		CDBA005.re	11/23/93	9:37 PM	23.95	272197
882087-50		CDBA006.re	11/23/93	10:29 PM	23.94	408891
ICV*CON*1		CDBA007.re	11/23/93	11:21 PM		
CDOMTW*6		CDBA008.re	11/24/93	12:13 AM		
CDOMTW*15		CDBA009.re	11/24/93	1:06 AM		
CDOMTW*31		CDBA010.re	11/24/93	1:56 AM		
CDOMTW*32		CDBA011.re	11/24/93	2:50 AM		
CDOMTW*35		CDBA012.re	11/24/93	3:43 AM		
CDOMTW*22		CDBA013.re	11/24/93	4:35 AM		
CDOMTW*37		CDBA014.re	11/24/93	5:27 AM		
CCS*CON*1		CDBA015.re	11/24/93	6:19 AM	23.86	170054
CDOMTW*2 1:2		CDBA016.re	11/24/93	7:11 AM	23.87	145974
CDOMTW*3		CDBA017.re	11/24/93	8:03 AM		
CDOMTW*10		CDBA018.re	11/24/93	8:56 AM		
CDOMTW*11		CDBA019.re	11/24/93	9:48 AM		
CDOMTW*12		CDBA020.re	11/24/93	10:40 AM		
CDOMTW*25		CDBA021.re	11/24/93	11:32 AM		
CDOMTW*26		CDBA022.re	11/24/93	12:24 PM		
CDOMTW*41		CDBA023.re	11/24/93	1:16 PM		
CDOMTW*42		CDBA024.re	11/24/93	2:09 PM		
CCS*CON*2		CDBA025.re	11/24/93	3:01 PM	23.85	295412

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	2CEVE Area
MB*CON*1	CDBA001.re	11/23/93	5:56 PM		
882087-1	CDBA002.re	11/23/93	6:49 PM	24.87	5003
882087-2.5	CDBA003.re	11/23/93	7:52 PM	24.87	10431
882087-5	CDBA004.re	11/23/93	8:45 PM	24.87	22498
882087-25	CDBA005.re	11/23/93	9:37 PM	24.87	110293
882087-50	CDBA006.re	11/23/93	10:29 PM	24.86	166968
ICV*CON*1	CDBA007.re	11/23/93	11:21 PM		
CDOMTW*6	CDBA008.re	11/24/93	12:13 AM		
CDOMTW*15	CDBA009.re	11/24/93	1:06 AM		
CDOMTW*31	CDBA010.re	11/24/93	1:56 AM		
CDOMTW*32	CDBA011.re	11/24/93	2:50 AM		
CDOMTW*35	CDBA012.re	11/24/93	3:43 AM		
CDOMTW*22	CDBA013.re	11/24/93	4:35 AM		
CDOMTW*37	CDBA014.re	11/24/93	5:27 AM		
CCS*CON*1	CDBA015.re	11/24/93	6:19 AM	24.78	67850
CDOMTW*2 1:2	CDBA016.re	11/24/93	7:11 AM		
CDOMTW*3	CDBA017.re	11/24/93	8:03 AM		
CDOMTW*10	CDBA018.re	11/24/93	8:56 AM		
CDOMTW*11	CDBA019.re	11/24/93	9:48 AM		
CDOMTW*12	CDBA020.re	11/24/93	10:40 AM		
CDOMTW*25	CDBA021.re	11/24/93	11:32 AM		
CDOMTW*26	CDBA022.re	11/24/93	12:24 PM		
CDOMTW*41	CDBA023.re	11/24/93	1:16 PM		
CDOMTW*42	CDBA024.re	11/24/93	2:09 PM		
CCS*CON*2	CDBA025.re	11/24/93	3:01 PM	24.78	114694

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	C13OCPE Area
MB*CON*1	CDBA001.re	11/23/93	5:56 PM		
882087-1	CDBA002.re	11/23/93	6:49 PM	25.65	16079
882087-2.5	CDBA003.re	11/23/93	7:52 PM	25.65	32572
882087-5	CDBA004.re	11/23/93	8:45 PM	25.65	61945
882087-25	CDBA005.re	11/23/93	9:37 PM	25.64	271038
882087-50	CDBA006.re	11/23/93	10:29 PM	25.65	409629
ICV*CON*1	CDBA007.re	11/23/93	11:21 PM	25.65	244892

000417

CDOMTW#6	COBA008.re	11/24/93	12:13 AM	-----	-----
CDOMTW#15	COBA009.re	11/24/93	1:06 AM	-----	-----
CDOMTW#31	COBA010.re	11/24/93	1:58 AM	-----	-----
CDOMTW#32	COBA011.re	11/24/93	2:50 AM	-----	-----
CDOMTW#35	COBA012.re	11/24/93	3:43 AM	-----	-----
CDOMTW#22	COBA013.re	11/24/93	4:35 AM	-----	-----
CDOMTW#37	COBA014.re	11/24/93	5:27 AM	-----	-----
CCS=CON#1	COBA015.re	11/24/93	6:19 AM	25.56	164216
CDOMTWO#2 1:2	COBA016.re	11/24/93	7:11 AM	25.57	130349
CDOMTW#3	COBA017.re	11/24/93	8:03 AM	-----	-----
CDOMTW#10	COBA018.re	11/24/93	8:56 AM	-----	-----
CDOMTW#11	COBA019.re	11/24/93	9:48 AM	-----	-----
CDOMTW#12	COBA020.re	11/24/93	10:40 AM	-----	-----
CDOMTW#25	COBA021.re	11/24/93	11:32 AM	-----	-----
CDOMTW#26	COBA022.re	11/24/93	12:24 PM	-----	-----
CDOMTW#41	COBA023.re	11/24/93	1:16 PM	-----	-----
CDOMTW#42	COBA024.re	11/24/93	2:09 PM	-----	-----
CCS=CON#2	COBA025.re	11/24/93	3:01 PM	25.55	284555

Sample Name	File Name	Date Of Injection	Time Of Injection	T13DCPE	
				Ret. Time	Area
MB=CON#1	COBA001.re	11/23/93	5:56 PM	-----	-----
BB2087-1	COBA002.re	11/23/93	6:49 PM	27.23	13326
BB2087-2.5	COBA003.re	11/23/93	7:52 PM	27.23	24902
BB2087-5	COBA004.re	11/23/93	8:45 PM	27.23	47563
BB2087-25	COBA005.re	11/23/93	9:37 PM	27.23	218150
BB2087-50	COBA006.re	11/23/93	10:29 PM	27.23	329919
ICV=CON#1	COBA007.re	11/23/93	11:21 PM	27.23	189071
CDOMTW#6	COBA008.re	11/24/93	12:13 AM	-----	-----
CDOMTW#15	COBA009.re	11/24/93	1:06 AM	-----	-----
CDOMTW#31	COBA010.re	11/24/93	1:58 AM	-----	-----
CDOMTW#32	COBA011.re	11/24/93	2:50 AM	-----	-----
CDOMTW#35	COBA012.re	11/24/93	3:43 AM	-----	-----
CDOMTW#22	COBA013.re	11/24/93	4:35 AM	-----	-----
CDOMTW#37	COBA014.re	11/24/93	5:27 AM	-----	-----
CCS=CON#1	COBA015.re	11/24/93	6:19 AM	27.15	134184
CDOMTWO#2 1:2	COBA016.re	11/24/93	7:11 AM	27.16	120720
CDOMTW#3	COBA017.re	11/24/93	8:03 AM	-----	-----
CDOMTW#10	COBA018.re	11/24/93	8:56 AM	-----	-----
CDOMTW#11	COBA019.re	11/24/93	9:48 AM	-----	-----
CDOMTW#12	COBA020.re	11/24/93	10:40 AM	-----	-----
CDOMTW#25	COBA021.re	11/24/93	11:32 AM	-----	-----
CDOMTW#26	COBA022.re	11/24/93	12:24 PM	-----	-----
CDOMTW#41	COBA023.re	11/24/93	1:16 PM	-----	-----
CDOMTW#42	COBA024.re	11/24/93	2:09 PM	-----	-----
CCS=CON#2	COBA025.re	11/24/93	3:01 PM	27.14	229048

Sample Name	File Name	Date Of Injection	Time Of Injection	112TCE	
				Ret. Time	Area
MB=CON#1	COBA001.re	11/23/93	5:56 PM	-----	-----
BB2087-1	COBA002.re	11/23/93	6:49 PM	27.75	20171
BB2087-2.5	COBA003.re	11/23/93	7:52 PM	27.75	39250
BB2087-5	COBA004.re	11/23/93	8:45 PM	27.75	73423
BB2087-25	COBA005.re	11/23/93	9:37 PM	27.75	318468
BB2087-50	COBA006.re	11/23/93	10:29 PM	27.75	483171
ICV=CON#1	COBA007.re	11/23/93	11:21 PM	27.75	259134
CDOMTW#6	COBA008.re	11/24/93	12:13 AM	27.75	129625
CDOMTW#15	COBA009.re	11/24/93	1:06 AM	-----	-----
CDOMTW#31	COBA010.re	11/24/93	1:58 AM	27.75	94732
CDOMTW#32	COBA011.re	11/24/93	2:50 AM	27.66	111005
CDOMTW#35	COBA012.re	11/24/93	3:43 AM	27.68	11128
CDOMTW#22	COBA013.re	11/24/93	4:35 AM	-----	-----
CDOMTW#37	COBA014.re	11/24/93	5:27 AM	-----	-----
CCS=CON#1	COBA015.re	11/24/93	6:19 AM	27.67	194273
CDOMTWO#2 1:2	COBA016.re	11/24/93	7:11 AM	-----	-----

CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	27.67	62393
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	27.66	16993
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	27.66	69753
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	27.68	26540
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	27.65	347215

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	TCLEE Area
MS*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	28.92	23524
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	28.92	43731
882087-5	CDBA004.rs	11/23/93	8:45 PM	28.92	82917
882087-25	CDBA005.rs	11/23/93	9:37 PM	28.92	346185
882087-50	CDBA006.rs	11/23/93	10:29 PM	28.92	538607
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	28.93	333384
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	28.92	65016
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	28.93	112452
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	28.91	1480302
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	28.83	37611
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	28.83	184889
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	28.85	6530
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	28.83	215905
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	28.84	146726
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	28.84	2569520
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	28.83	1609366
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	28.83	92298
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	28.82	260807
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	28.82	52676
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	28.83	140906
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	28.82	2402853
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	28.83	371865
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	28.83	377053

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	CHCLBRZ Area
MS*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	29.46	13108
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	29.45	24101
882087-5	CDBA004.rs	11/23/93	8:45 PM	29.46	50018
882087-25	CDBA005.rs	11/23/93	9:37 PM	29.45	226267
882087-50	CDBA006.rs	11/23/93	10:29 PM	29.46	342495
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	-----	-----
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	-----	-----
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	29.37	145726
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	29.38	122053
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	-----	-----
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	-----	-----
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	29.37	237348

Sample Name	File Name	Date Of Injection	Time Of Injection	CLBENZ	
				Ret. Time	Area
ME*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	31.58	9183
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	31.58	13454
882087-5	CDBA004.rs	11/23/93	8:45 PM	31.58	28736
882087-25	CDBA005.rs	11/23/93	9:37 PM	31.58	135402
882087-50	CDBA006.rs	11/23/93	10:29 PM	31.57	211200
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	31.57	123981
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	-----	-----
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	31.49	85615
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	-----	-----
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	-----	-----
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	31.48	155757

Sample Name	File Name	Date Of Injection	Time Of Injection	CHBR3	
				Ret. Time	Area
ME*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	34.69	10421
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	34.69	12910
882087-5	CDBA004.rs	11/23/93	8:45 PM	34.69	28120
882087-25	CDBA005.rs	11/23/93	9:37 PM	34.68	152646
882087-50	CDBA006.rs	11/23/93	10:29 PM	34.68	254838
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	-----	-----
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	-----	-----
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	34.61	92145
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	-----	-----
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	-----	-----
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	34.60	168331

Sample Name	File Name	Date Of Injection	Time Of Injection	1122TCLEA	
				Ret. Time	Area
ME*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	35.24	16436
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	35.24	29186

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882087-5	COBA004.ra	11/23/93	8:45 PM	35.24	53237
882087-25	COBA005.ra	11/23/93	9:37 PM	35.24	242963
882087-50	COBA006.ra	11/23/93	10:29 PM	35.24	376043
ICV*CON*1	COBA007.ra	11/23/93	11:21 PM	35.24	224684
CDOMTW*6	COBA008.ra	11/24/93	12:13 AM	35.24	1862604
CDOMTW*15	COBA009.ra	11/24/93	1:06 AM		
CDOMTW*31	COBA010.ra	11/24/93	1:56 AM	35.19	1164749
CDOMTW*32	COBA011.ra	11/24/93	2:50 AM	35.16	1631614
CDOMTW*35	COBA012.ra	11/24/93	3:43 AM	35.15	892582
CDOMTW*22	COBA013.ra	11/24/93	4:35 AM		
CDOMTW*37	COBA014.ra	11/24/93	5:27 AM		
CCS*CON*1	COBA015.ra	11/24/93	6:19 AM	35.16	158249
CDOMTW*2 1:2	COBA016.ra	11/24/93	7:11 AM		
CDOMTW*3	COBA017.ra	11/24/93	8:03 AM		
CDOMTW*10	COBA018.ra	11/24/93	8:56 AM	35.16	497802
CDOMTW*11	COBA019.ra	11/24/93	9:48 AM	35.16	44630
CDOMTW*12	COBA020.ra	11/24/93	10:40 AM	35.15	2085226
CDOMTW*25	COBA021.ra	11/24/93	11:32 AM	35.24	1340
CDOMTW*26	COBA022.ra	11/24/93	12:24 PM		
CDOMTW*41	COBA023.ra	11/24/93	1:16 PM	35.15	535024
CDOMTW*42	COBA024.ra	11/24/93	2:09 PM	35.16	2783402
CCS*CON*2	COBA025.ra	11/24/93	3:01 PM	35.15	284864

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	BFB Area
MB*CON*1	COBA001.ra	11/23/93	5:56 PM	35.56	93326
882087-1	COBA002.ra	11/23/93	6:49 PM	35.56	102195
882087-2.5	COBA003.ra	11/23/93	7:52 PM	35.56	99311
882087-5	COBA004.ra	11/23/93	8:45 PM	35.56	97927
882087-25	COBA005.ra	11/23/93	9:37 PM	35.56	112816
882087-50	COBA006.ra	11/23/93	10:29 PM	35.56	108003
ICV*CON*1	COBA007.ra	11/23/93	11:21 PM	35.57	90221
CDOMTW*6	COBA008.ra	11/24/93	12:13 AM	35.56	115682
CDOMTW*15	COBA009.ra	11/24/93	1:06 AM	35.57	94560
CDOMTW*31	COBA010.ra	11/24/93	1:56 AM	35.51	128768
CDOMTW*32	COBA011.ra	11/24/93	2:50 AM	35.48	143965
CDOMTW*35	COBA012.ra	11/24/93	3:43 AM	35.48	124433
CDOMTW*22	COBA013.ra	11/24/93	4:35 AM	35.49	91236
CDOMTW*37	COBA014.ra	11/24/93	5:27 AM	35.49	91231
CCS*CON*1	COBA015.ra	11/24/93	6:19 AM	35.50	117189
CDOMTW*2 1:2	COBA016.ra	11/24/93	7:11 AM	35.50	86914
CDOMTW*3	COBA017.ra	11/24/93	8:03 AM	35.50	91302
CDOMTW*10	COBA018.ra	11/24/93	8:56 AM	35.49	112114
CDOMTW*11	COBA019.ra	11/24/93	9:48 AM	35.48	97424
CDOMTW*12	COBA020.ra	11/24/93	10:40 AM	35.47	135230
CDOMTW*25	COBA021.ra	11/24/93	11:32 AM	35.48	93123
CDOMTW*26	COBA022.ra	11/24/93	12:24 PM	35.48	93124
CDOMTW*41	COBA023.ra	11/24/93	1:16 PM	35.48	117370
CDOMTW*42	COBA024.ra	11/24/93	2:09 PM	35.48	152512
CCS*CON*2	COBA025.ra	11/24/93	3:01 PM	35.49	110424

K = 102115

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	M-OCB Area
MB*CON*1	COBA001.ra	11/23/93	5:56 PM		
882087-1	COBA002.ra	11/23/93	6:49 PM	39.48	7633
882087-2.5	COBA003.ra	11/23/93	7:52 PM	39.47	18821
882087-5	COBA004.ra	11/23/93	8:45 PM	39.47	34915
882087-25	COBA005.ra	11/23/93	9:37 PM	39.47	181127
882087-50	COBA006.ra	11/23/93	10:29 PM	39.47	274555
ICV*CON*1	COBA007.ra	11/23/93	11:21 PM	39.48	174718
CDOMTW*6	COBA008.ra	11/24/93	12:13 AM		
CDOMTW*15	COBA009.ra	11/24/93	1:06 AM		
CDOMTW*31	COBA010.ra	11/24/93	1:56 AM		
CDOMTW*32	COBA011.ra	11/24/93	2:50 AM		
CDOMTW*35	COBA012.ra	11/24/93	3:43 AM		

000421

CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	39.41	107011
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	-----	-----
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	-----	-----
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	39.40	205746

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	P-OCB Area
MB*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	39.85	8211
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	39.84	19480
882087-5	CDBA004.rs	11/23/93	8:45 PM	39.84	35057
882087-25	CDBA005.rs	11/23/93	9:37 PM	39.84	177574
882087-50	CDBA006.rs	11/23/93	10:29 PM	39.84	269860
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	39.84	175095
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	-----	-----
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	39.77	101044
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	-----	-----
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----
CDOMTW*26	CDBA022.rs	11/24/93	12:24 PM	-----	-----
CDOMTW*41	CDBA023.rs	11/24/93	1:16 PM	-----	-----
CDOMTW*42	CDBA024.rs	11/24/93	2:09 PM	-----	-----
CCS*CON*2	CDBA025.rs	11/24/93	3:01 PM	39.76	206963

Sample Name	File Name	Date Of Injection	Time Of Injection	Ret. Time	O-OCB Area
MB*CON*1	CDBA001.rs	11/23/93	5:56 PM	-----	-----
882087-1	CDBA002.rs	11/23/93	6:49 PM	41.15	8607
882087-2.5	CDBA003.rs	11/23/93	7:52 PM	41.14	19620
882087-5	CDBA004.rs	11/23/93	8:45 PM	41.14	36664
882087-25	CDBA005.rs	11/23/93	9:37 PM	41.13	178242
882087-50	CDBA006.rs	11/23/93	10:29 PM	41.13	275104
ICV*CON*1	CDBA007.rs	11/23/93	11:21 PM	41.14	173456
CDOMTW*6	CDBA008.rs	11/24/93	12:13 AM	-----	-----
CDOMTW*15	CDBA009.rs	11/24/93	1:06 AM	-----	-----
CDOMTW*31	CDBA010.rs	11/24/93	1:58 AM	-----	-----
CDOMTW*32	CDBA011.rs	11/24/93	2:50 AM	-----	-----
CDOMTW*35	CDBA012.rs	11/24/93	3:43 AM	-----	-----
CDOMTW*22	CDBA013.rs	11/24/93	4:35 AM	-----	-----
CDOMTW*37	CDBA014.rs	11/24/93	5:27 AM	-----	-----
CCS*CON*1	CDBA015.rs	11/24/93	6:19 AM	41.07	106325
CDOMTW*2 1:2	CDBA016.rs	11/24/93	7:11 AM	-----	-----
CDOMTW*3	CDBA017.rs	11/24/93	8:03 AM	-----	-----
CDOMTW*10	CDBA018.rs	11/24/93	8:56 AM	-----	-----
CDOMTW*11	CDBA019.rs	11/24/93	9:48 AM	-----	-----
CDOMTW*12	CDBA020.rs	11/24/93	10:40 AM	-----	-----
CDOMTW*25	CDBA021.rs	11/24/93	11:32 AM	-----	-----

000422

COOMTW*26	COBA022.ra 11/24/93 12:24 PM	-----	-----
COOMTW*41	COBA023.ra 11/24/93 1:16 PM	-----	-----
COOMTW*42	COBA024.ra 11/24/93 2:09 PM	-----	-----
CCS*CON*2	COBA025.ra 11/24/93 3:01 PM	41.06	205802

46 428

ASCII File Created Successfully - Stored in: D:\2700\DATA3\CON1.prn

000423

46 429

=====

Sample Name	: MB*CON*1	Time	: 11/29/93 11:29 AM
Sample Number	: 1	Study	:
Operator	:		

Interface # : 4 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/23/93 5:56 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\DATA3\CDBA001.raw
Result File : D:\2700\DATA3\CDBA001.rst
Instrument File: D:\2700\BRUCE\RTAPR.ins
Process File : D:\2700\BRUCE\RTA.prc
Sample File : D:\2700\BRUCE\RTA.smp
Sequence File : D:\2700\DATA3\CDDCON2.seq

Inj. Volume : 1 ul Area Reject : 200.00
Sample Amount : 1.0000

=====

ELCD REPORT

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RTX502.2 105H : GC HP5890 : 01 4551 VIAL AUTOSAMPLER

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]

1	13.54	MECL2	54424 BB	-0.17
2	35.56	BFB	98326 MM	0.06

152750

000424

Chromatogram

46 430

FileName : D:\2700\DATA3\COBA001.raw

Date : 11/29/93 11:29 AM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

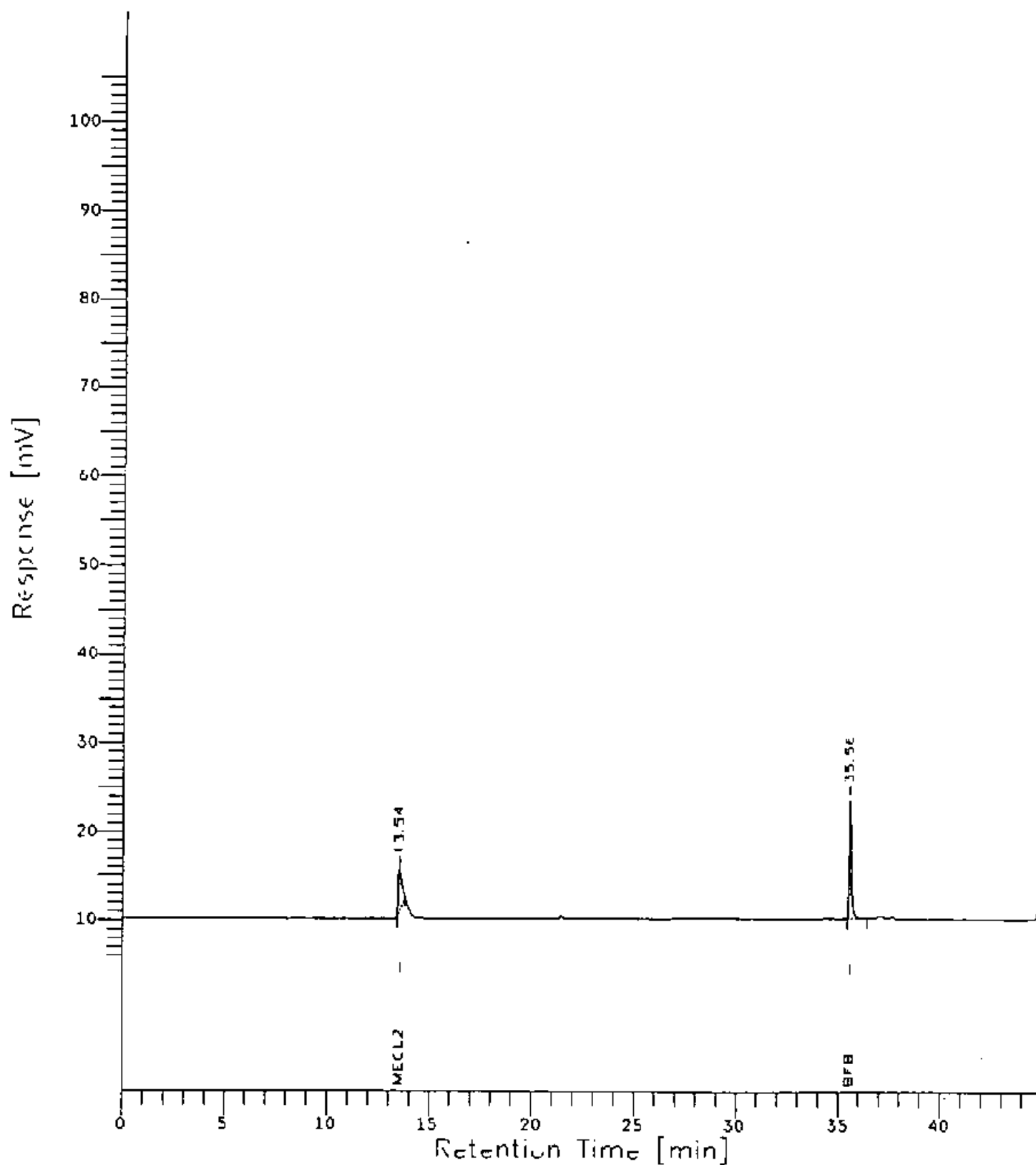
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor: -1

Plot Offset: 5 mV

Plot Scale: 100 mV



000425

```

=====
Sample Name   : 882087-1           Time       : 11/29/93  11:29 AM
Sample Number: 2                   Study        :
Operator      :

```

```

Interface #   : 4           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/23/93  6:49 PM
Delay Time       : 0.00 min.
End Time        : 45.00 min.
Sampling Rate    : 2.9412 pts/sec

```

```

Raw Data File   : D:\2700\DATA3\CDBA002.raw
Result File     : D:\2700\DATA3\CDBA002.rst
Instrument File  : D:\2700\BRUCE\RTAPR.ins
Process File    : D:\2700\BRUCE\RTA.prc
Sample File     : D:\2700\BRUCE\RTA.smp
Sequence File   : D:\2700\DATA3\CDDC0N2.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 200.00
Sample Amount   : 1.0000

```

```

=====
                        ELCD REPORT
=====

```

```

RTX502.2 105M : GC HP5890 : 01 4551 VIAL AUTOSAMPLER
=====

```

Peak #	Ret Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
2	6.29	DCDFM	738 MM	-1.69
3	7.08	CH3CL	666 MM	0.00
4	7.60	VC	1476 MM	0.53
5	9.05	C2HSCL	5854 BV	-0.11
6	10.00	CCL3F	4664 VB	0.43
7	12.06	11DCE	6951 BV	-0.03
8	13.55	MECL2	141295 BV	-0.13
9	14.55	T12DCE	17424 VB	0.35
10	15.86	11DCE	13685 BV	0.25
11	18.25	CHCL3	20359 BV	-0.03
12	19.54	111TCE	17218 BV	0.03
13	20.37	ECL4	21506 BV	0.39
14	20.70	12DCE	19366 VB	-0.11
15	21.43	FLB	6896 VB	0.05
16	22.74	TRCLE	18287 BV	0.05
17	23.24	12DCPA	15588 VB	-0.27
18	23.95	CHCL2BR	14470 BV	0.00
19	24.87	2CEVE	5003 BV	0.11
20	25.65	C13DCPE	16079 BV	0.07
22	27.23	T13DCPE	13328 BV	-0.04
23	27.75	112TCE	20171 VB	0.08
24	28.92	TCLEE	23524 BV	-0.04
25	29.46	CHCLBR2	13108 VB	-0.04
28	31.58	CLBENZ	9183 BV	-0.00
31	34.69	CHBR3	10421 MM	0.11
32	35.24	1122TCLEA	16436 MM	0.24
33	35.56	BFB	102195 BV	0.06
35	39.48	M-OCB	7633 BV	0.04

000426

36 39.85 P-DCB
37 41.15 O-DCB

8211 BB 0.06
8607 BB 0.06

46 432

580422

000427

Chromatogram

46 433

FileName : D:\2700\DATA3\CDBA002.raw

Date : 11/29/93 11:29 AM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

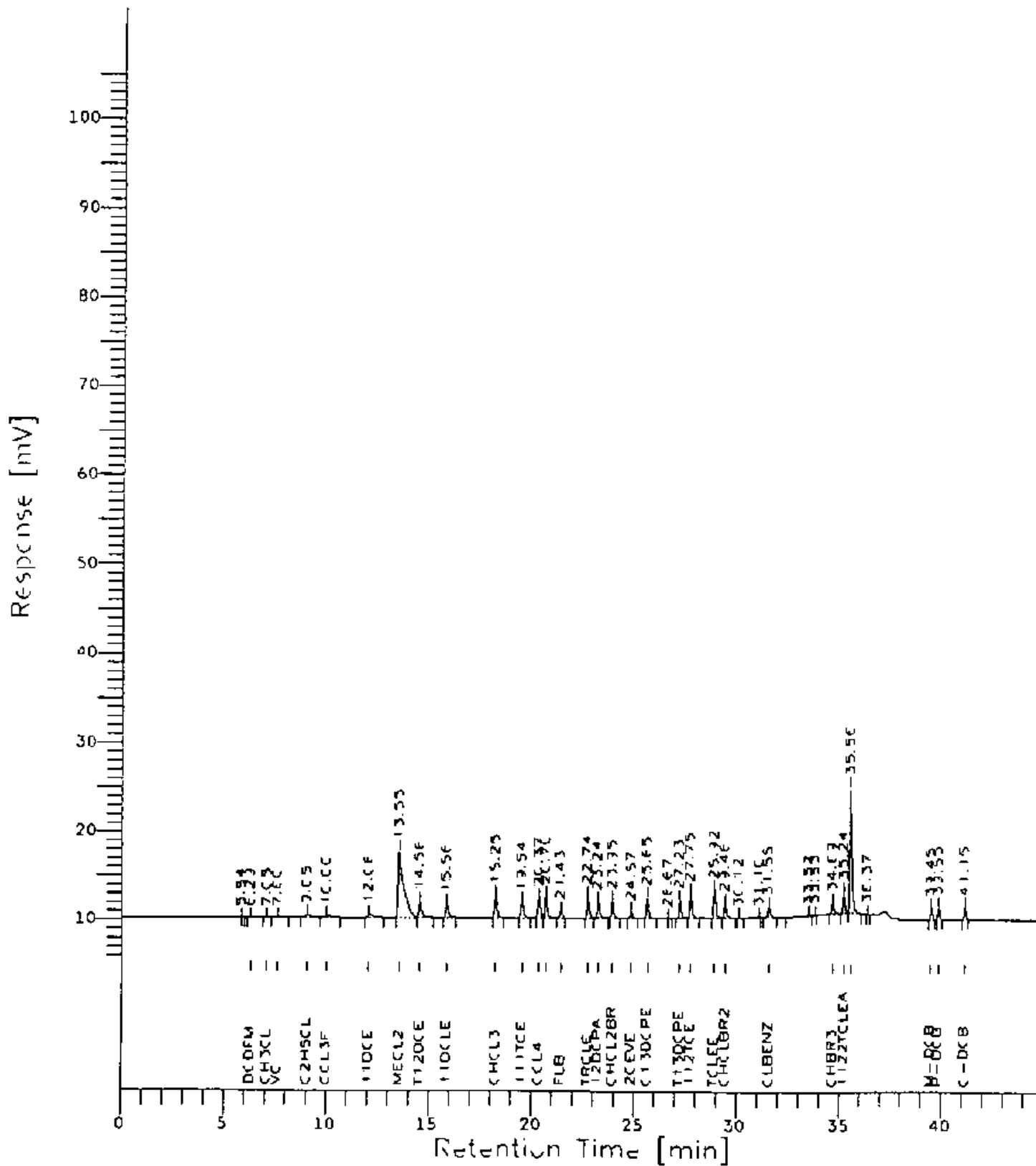
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor : -1

Plot Offset : 5 mV

Plot Scale: 100 mV



000428

```

=====
Sample Name   : 882087-2.5           Time       : 11/29/93  11:29 AM
Sample Number : 3                     Study        :
Operator      :

```

```

Interface #   : 4           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/23/93  7:52 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\DATA3\CDBA003.raw
Result File     : D:\2700\DATA3\CDBA003.rst
Instrument File : D:\2700\BRUCE\RTAPR.ins
Process File    : D:\2700\BRUCE\RTA.prc
Sample File     : D:\2700\BRUCE\RTA.smp
Sequence File   : D:\2700\DATA3\CODCON2.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 200.00
Sample Amount   : 1.0000

```

ELCD REPORT

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RTX502.2 105M : GC HP5890 : 01 4551 VIAL AUTOSAMPLER
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```

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
2	6.26	DODFM	1255 HM	-2.13
3	7.05	CH3CL	1264 HM	-0.56
4	7.60	VC	2300 HM	0.53
5	9.04	C2H5CL	11812 BV	-0.24
6	10.02	CCL3F	8824 VB	0.60
8	12.06	11DCE	22154 BB	-0.03
9	13.55	MECL2	167860 BV	-0.13
10	14.55	112DCE	36662 VB	0.31
11	15.86	110CLE	32026 BB	0.25
12	18.24	CHCL3	45110 BB	-0.09
13	19.53	111TCE	38821 BB	-0.03
14	20.35	CCL4	46015 BV	0.31
15	20.69	120CLE	40225 VB	-0.14
16	21.43	FLB	7687 BB	0.05
17	22.74	TRCLE	37585 BV	0.05
18	23.24	120CPA	31976 VB	-0.27
19	23.95	CHCL2BA	31912 BB	0.00
20	24.87	2CEVE	10431 BB	0.09
21	25.65	C130CPE	32572 BB	0.04
23	27.23	T130CPE	24902 BB	-0.04
24	27.75	112TCE	39250 BB	0.06
25	28.92	TCLEE	43731 BB	-0.04
26	29.45	CHCLBR2	24101 BB	-0.06
27	31.58	CLBENZ	13464 BV	-0.00
30	34.69	CHBR3	12910 BB	0.11
31	35.24	1122TCLEA	29186 BV	0.23
32	35.56	BFB	99311 VB	0.06
33	39.47	M-DCB	18821 BB	0.03

000429

34 39.84 P-OCB
35 41.14 O-OCB

19480 B6 0.03
19620 B8 0.04

46 435

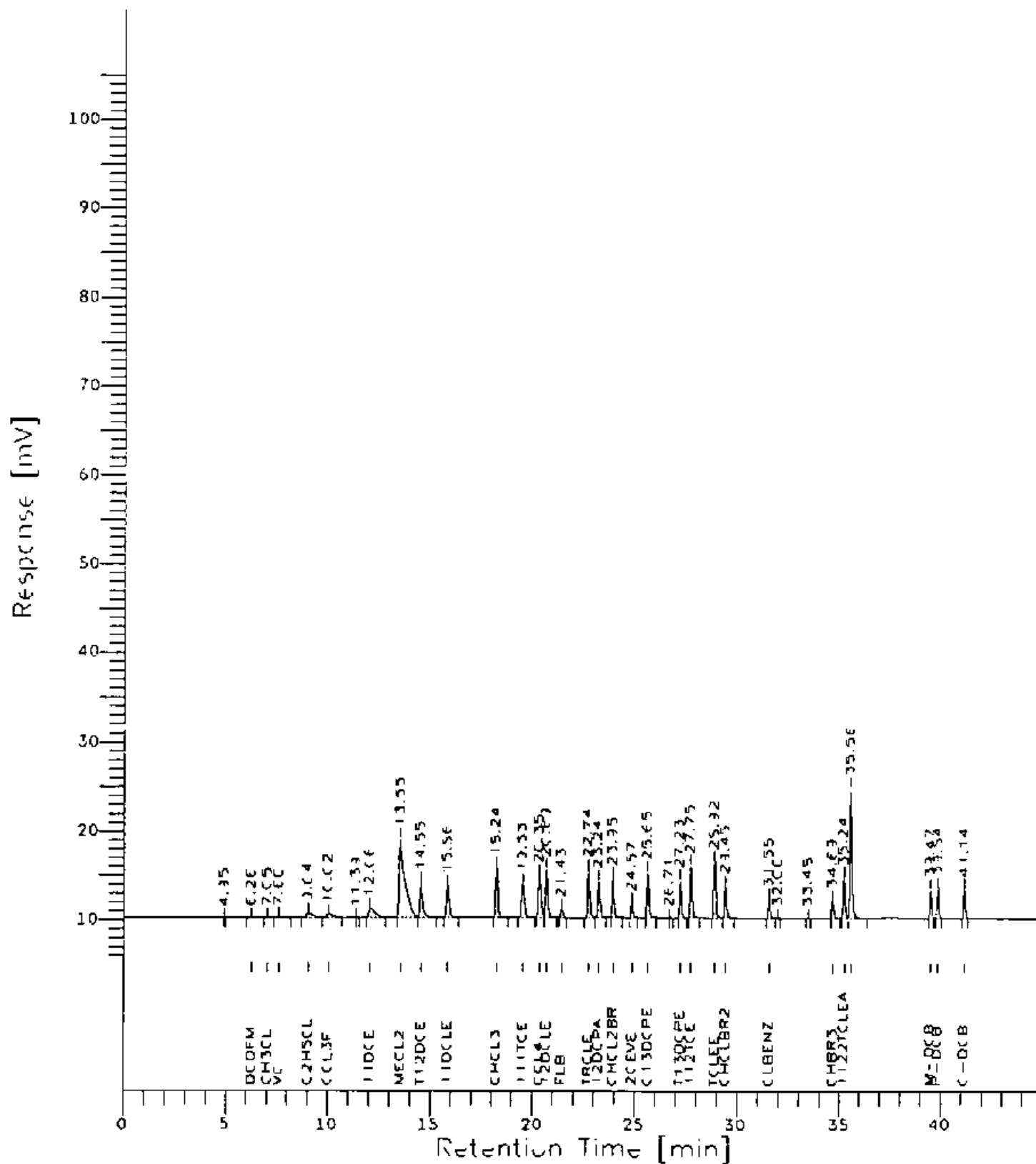
951264

000430

46 436

Date : 11/29/93 11:29 AM
Low Point : 5.22 mV
Plot Scale: 100 mV

Page 1 of 1
High Point : 105.22 mV



000431

Sample Name : 882087-5 Time : 11/29/93 11:29 AM
 Sample Number: 4 Study :
 Operator :

Interface # : 4 Channel : A A/D mV Range : 10000
 AutoSampler : None attached
 Rack/Vial : 0/0

Data Acquisition Time: 11/23/93 8:45 PM
 Delay Time : 0.00 min.
 End Time : 45.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\DATA3\CDBA004.raw
 Result File : D:\2700\DATA3\CDBA004.rst
 Instrument File: D:\2700\BRUCE\RTAPR.ins
 Process File : D:\2700\BRUCE\RTA.prc
 Sample File : D:\2700\BRUCE\RTA.smp
 Sequence File : D:\2700\DATA3\CDDCON2.seq

Inj. Volume : 1 ul Area Reject : 200.00
 Sample Amount : 1.0000

ELCD REPORT

RTX502.2 105M : GC HP5890 : 01 4551 VIAL AUTOSAMPLER

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
2	6.29	DCOFM	2260 MM	-1.69
3	7.07	CH3CL	3155 MM	-0.24
4	7.61	VC	8597 MM	0.68
5	9.03	C2H5CL	39532 BV	-0.36
6	10.01	CCL3F	29672 VB	0.49
7	12.05	11DCE	55172 BB	-0.08
8	13.54	MECL2	204372 BV	-0.17
9	14.55	112DCE	68669 VB	0.31
10	15.86	110CLE	62087 BB	0.22
11	18.24	CHCL3	86165 BB	-0.09
12	19.54	111TCE	73806 BB	0.03
13	20.36	CCL4	86544 BV	0.34
14	20.70	12DCE	76647 VV	-0.11
15	21.43	FLB	10297 VB	0.05
16	22.74	TRCLE	71724 BV	0.05
17	23.23	120CPA	62974 VB	-0.29
18	23.95	CHCL2BR	62290 BB	0.00
19	24.87	2CEVE	22498 BB	0.09
20	25.55	C13DCE	61945 BB	0.04
22	27.23	T13DCE	47563 BB	-0.06
23	27.75	112TCE	73423 BB	0.08
24	28.92	TCLEE	87917 BV	-0.04
25	29.46	CHCLER2	50018 VB	-0.04
26	31.58	CLBENZ	28736 BE	-0.00
30	34.69	CHBR3	26120 BB	0.13
31	35.24	1122TCLEA	53237 BV	0.23
32	35.56	BFB	97927 VB	0.06
33	39.47	M-DCB	34915 BV	0.03

000432

34 39.84 P-DCB
35 41.14 C-DCB

35057 VB 0.04
36564 BB 0.04

46 438

1656980

000433

Chromatogram

46 439

FileName : D:\2700\DATA3\COBA004.raw

Date : 11/29/93 11:29 AM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

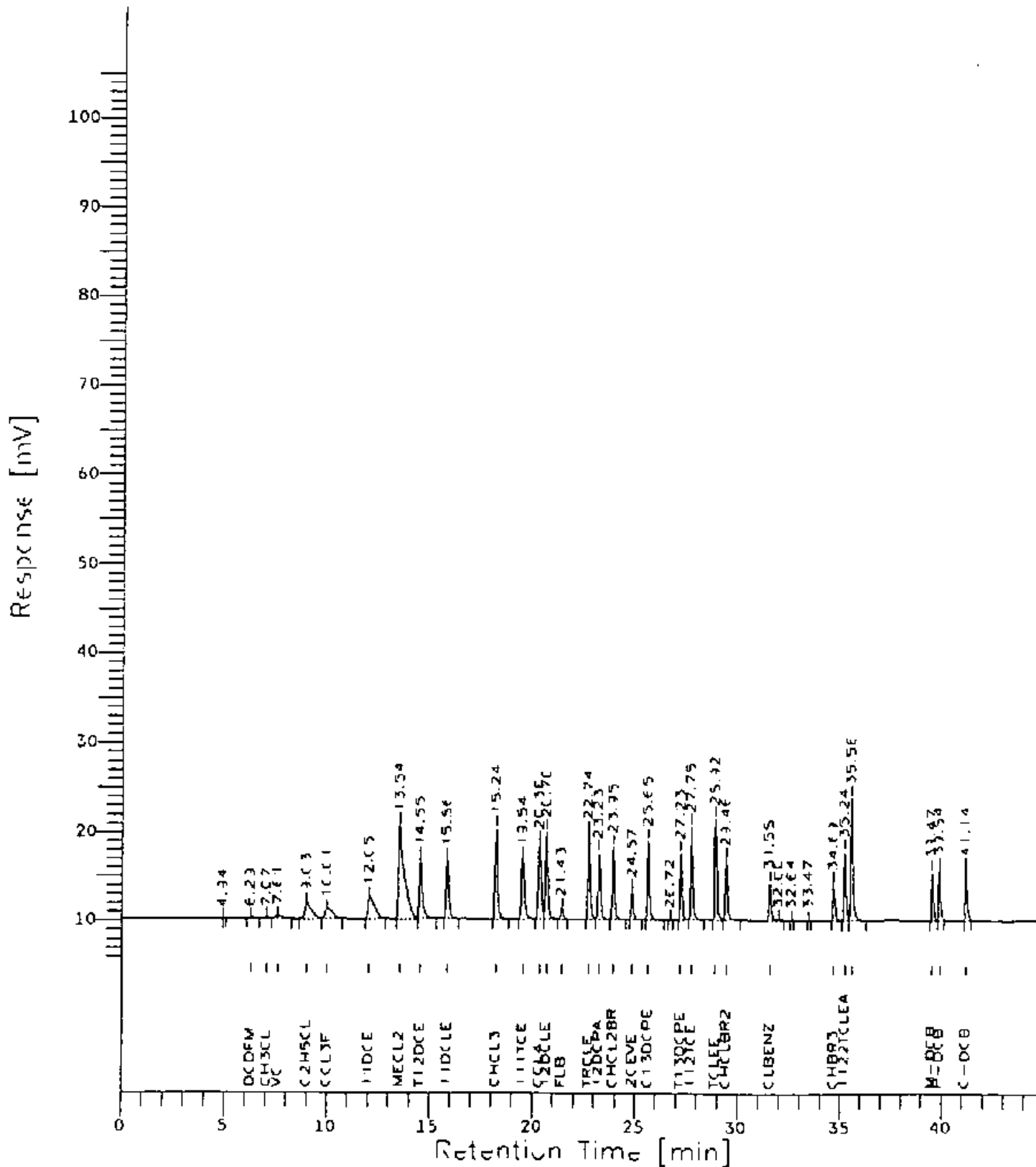
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor : -1

Plot Offset : 5 mV

Plot Scale : 100 mV



000434


```

=====
Sample Name   : B82087-25           Time       : 11/29/93  11:29 AM
Sample Number : 5                   Study        :
Operator      :

```

```

Interface #   : 4           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/23/93  9:37 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\DATA3\CDBA005.raw
Result File     : D:\2700\DATA3\CDBA005.rst
Instrument File : D:\2700\BRUCE\RTAPR.ins
Process File    : D:\2700\BRUCE\RTA.prc
Sample File     : D:\2700\BRUCE\RTA.smp
Sequence File   : D:\2700\DATA3\CDDCON2.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 200.00
Sample Amount   : 1.0000

```

```

=====
ELCD REPORT
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RTX502.2 105M : GC HP5890 : D1 4551 VIAL AUTOSAMPLER
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
2	6.30	OCDFM	25335 BV	-1.51
3	7.07	OX3CL	23402 VV	-0.80
4	7.74	VC	77525 VB	2.32
5	9.04	C2M5CL	221344 BV	-0.24
6	10.01	CCL3F	169662 VB	0.54
7	12.07	11OCE	281790 BB	0.06
8	13.54	MECL2	480053 BV	-0.17
9	14.56	112DCE	304324 VB	0.35
10	15.86	11DCLE	268962 BB	0.22
11	17.77	C12DCE	211 BB	0.21
12	18.25	CHCL3	365298 BB	-0.06
13	19.54	111TCE	325536 BB	0.00
14	20.36	CCL4	359206 BV	0.34
15	20.70	12DCLE	313675 VV	-0.11
16	21.43	FLB	19135 VB	0.03
17	22.74	TRCLE	316307 BV	0.03
18	23.24	12DCPA	265069 VB	-0.27
19	23.95	CHCL2BR	272197 BB	0.00
20	24.87	2CEVE	110293 BB	0.09
21	25.64	C13DCPE	271038 BV	0.02
23	27.23	113DCPE	218150 BV	-0.06
24	27.75	112TCE	318468 VB	0.08
25	28.92	TCLEE	346185 BV	-0.06
26	29.45	CHCLBR2	226267 VB	-0.06
27	31.58	CLBENZ	135402 BE	1.68
31	34.68	CHBR3	152646 BB	0.10
32	35.24	1122TCLEA	242963 BV	0.23
33	35.56	BFB	112816 VB	0.06

34	39.47	M-DCB	181127	8V	0.03
35	39.84	P-DCB	177574	VB	0.03
36	41.13	O-DCB	178242	BB	0.03

46 441

6760200

900436

Chromatogram

FileName : D:\2700\DATA3\COBA005.raw

Date : 11/29/93 11:29 AM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

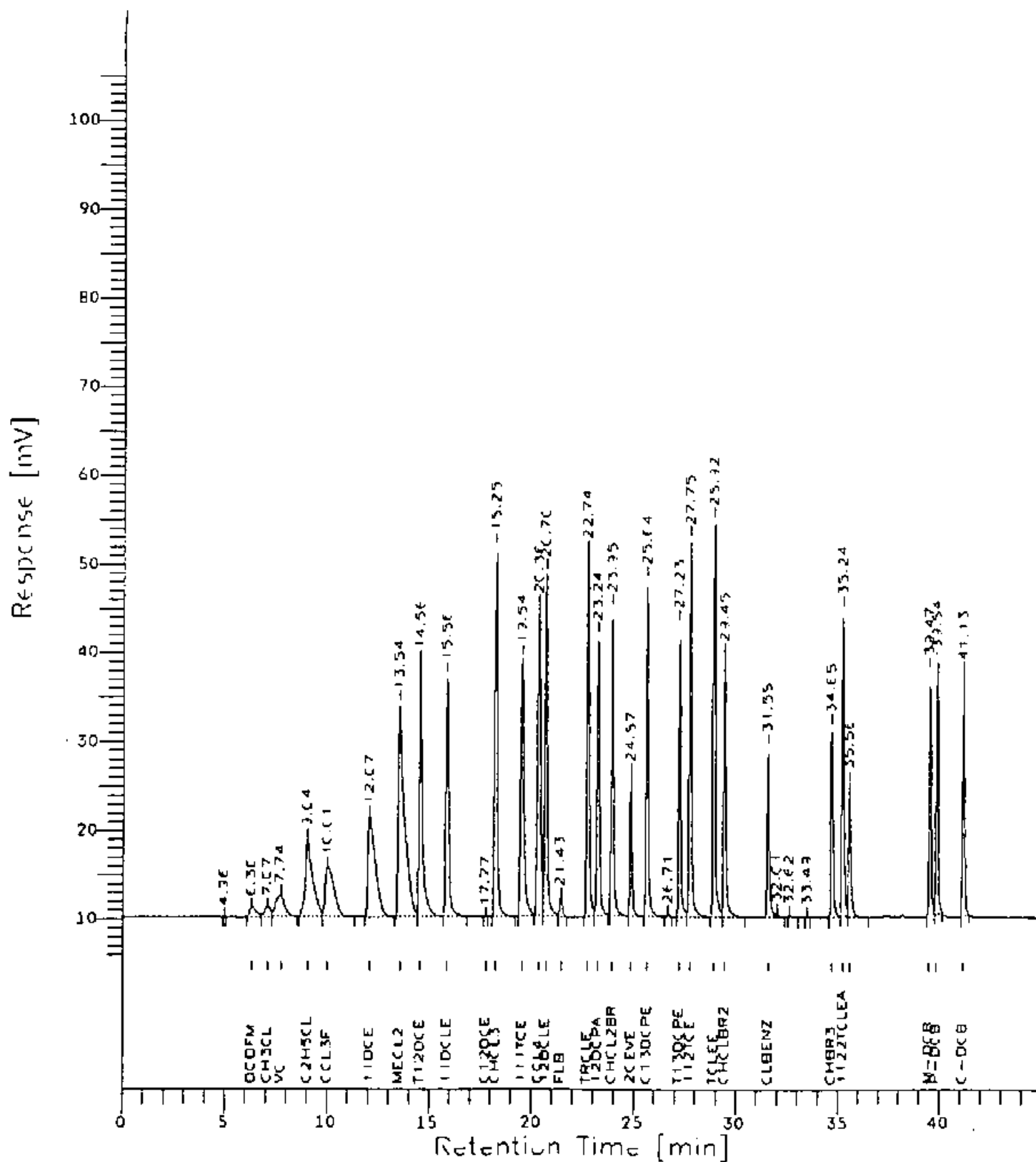
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor: -1

Plot Offset: 5 mV

Plot Scale: 100 mV



000437

```

=====
Sample Name   : 882087-50           Time       : 11/29/93  11:29 AM
Sample Number: 6                     Study        :
Operator      :

```

```

Interface #   : 4           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/23/93  10:29 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\DATA3\CDBA006.raw
Result File     : D:\2700\DATA3\CDBA006.rst
Instrument File : D:\2700\BRUCE\RTAPR.ins
Process File    : D:\2700\BRUCE\RTA.prc
Sample File     : D:\2700\BRUCE\RTA.smp
Sequence File   : D:\2700\DATA3\CDDCON2.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 200.00
Sample Amount   : 1.0000

```

ELCD REPORT

```

=====
RTX502.2 105M : GC HP5890 : OI 4551 VIAL AUTOSAMPLER
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RI [%]
1	6.28	DCDFM	63736 MM	-1.87
2	7.08	CH3CL	44968 MM	-0.64
3	7.74	VC	164230 MM	-0.29
4	9.03	C2H5CL	432666 BV	-0.30
5	10.00	CCL3F	291806 VB	0.43
6	12.06	11DCE	459568 BB	-0.03
7	13.54	MECL2	699397 BV	-0.17
8	14.55	T12DCE	449946 VB	0.31
9	15.86	11DCLF	380586 BB	0.22
10	18.25	CHCL3	544534 BB	-0.06
11	19.54	111TCE	488833 BB	0.03
12	20.36	CCL4	534193 BV	0.08
13	20.70	12DCLF	471807 VB	-0.08
14	21.43	FLB	19467 BB	0.03
15	22.74	TRCLE	495994 BV	0.03
16	23.23	12DCPA	393916 VB	-0.29
17	23.94	CHCL2BR	408891 BB	-0.02
18	24.86	2CEVE	168968 BB	0.07
19	25.65	C13DCPE	409829 BB	0.04
20	27.23	T13DCPE	329919 BV	-0.04
21	27.75	112TCE	483171 VB	0.08
22	28.92	TCLEE	538607 BV	-0.06
23	29.46	CHCLBR2	342495 VB	-0.04
24	31.57	CLBENZ	211200 BB	1.66
26	34.68	CHBR3	254838 BV	0.10
27	35.24	1122TCLEA	376043 WV	0.23
28	35.56	BFB	106003 VB	0.06
29	39.47	M-OCB	274555 BV	0.01

30 39.84 P-DCB
31 41.13 O-DCB

269660 VS 0.03
275104 BS 0.03

46 444

10367127

000439

Chromatogram

46 445

FileName : D:\2700\DATA3\CDBAC06.raw

Date : 11/29/93 11:29 Am

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

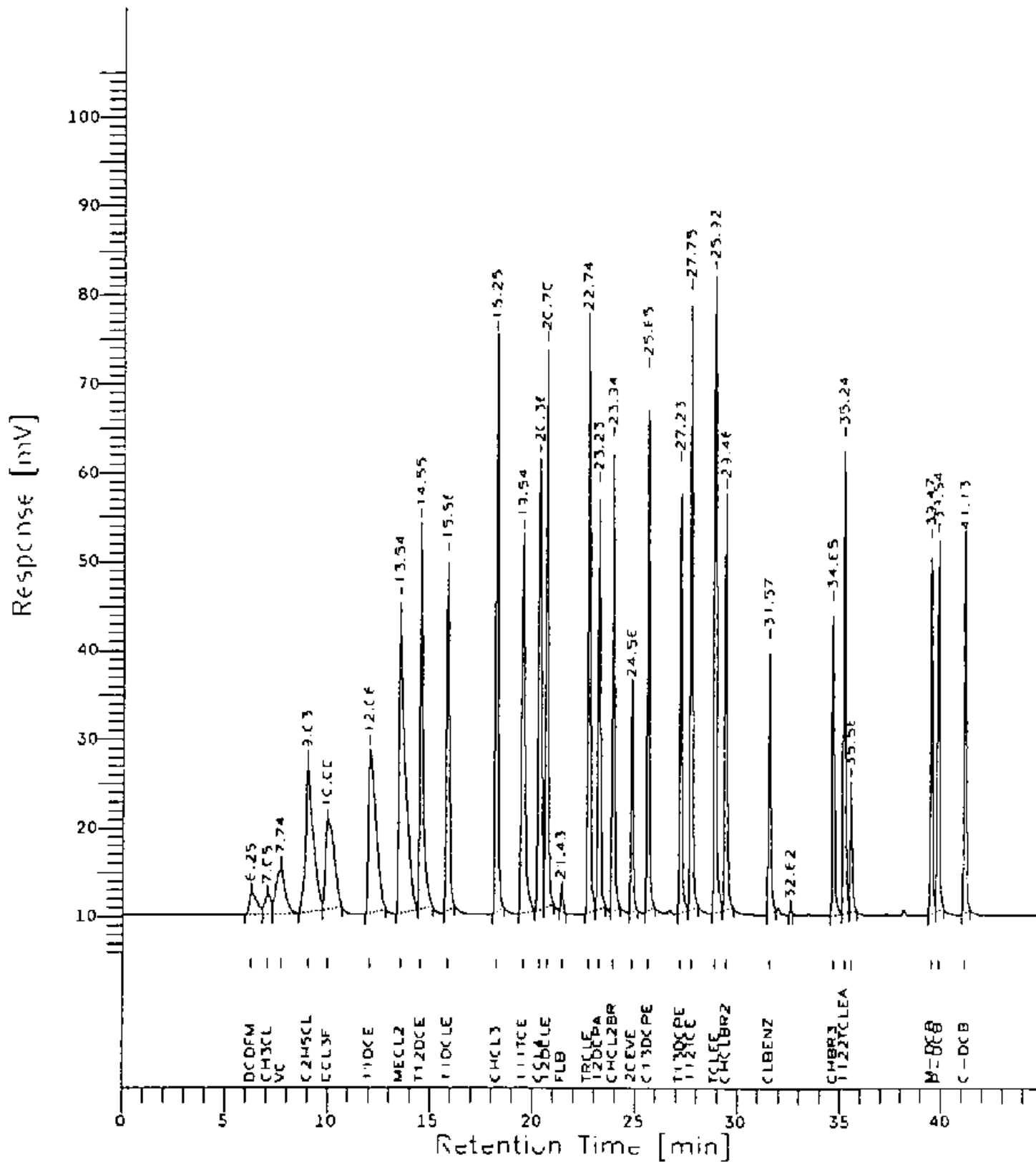
Low Point : 5.23 mV

High Point : 105.23 mV

Scale Factor: -1

Plot Offset: 5 mV

Plot Scale: 100 mV



000440

=====

Sample Name : IGV*CON*1 Time : 11/29/93 11:29 AM
 Sample Number: 7 Study :
 Operator :

Interface # : 4 Channel : A A/D mV Range : 10000
 AutoSampler : None attached
 Rack/Vial : 0/0

Data Acquisition Time: 11/23/93 11:21 PM
 Delay Time : 0.00 min.
 End Time : 45.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\DATA3\CDBA007.raw
 Result File : D:\2700\DATA3\CDBA007.rst
 Instrument File: D:\2700\BRUCE\RTAPR.ins
 Process File : D:\2700\BRUCE\RTA.prc
 Sample File : D:\2700\BRUCE\RTA.smp
 Sequence File : D:\2700\DATA3\CD0CON2.seq

Inj. Volume : 1 ul Area Reject : 200.00
 Sample Amount : 1.0000

=====

ELCD REPORT

=====

RTX502.2 105M : GC HP5890 : 01 4551 VIAL AUTOSAMPLER

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
1	12.07	11DCE	225417 BB	0.06
2	13.55	MECL2	393717 BB	-0.13
3	14.56	T12DCE	244582 BB	0.35
4	15.87	11DCE	274693 BB	0.29
5	16.54	111TCE	296745 BB	0.03
6	20.36	CCL4	358498 BV	0.36
7	20.70	12DCE	269321 VE	-0.11
8	21.43	FLB	16322 BB	0.05
9	22.75	TRCLE	312773 BV	0.08
10	23.24	12DCPA	244516 VB	-0.27
11	25.65	C13DCPE	244892 BB	0.07
12	27.23	T13DCPE	189071 BB	-0.04
13	27.75	112TCE	259134 BB	0.08
14	28.93	TCLE	333384 BB	-0.02
15	31.57	CLBENZ	123981 BB	-0.02
16	35.24	1122TCLEA	224684 BV	0.23
17	35.57	BFB	90221 VB	0.08
18	39.48	M-DCB	174718 BV	0.04
19	39.84	P-DCB	175095 VB	0.04
20	41.14	O-DCB	173456 BB	0.04

4625218

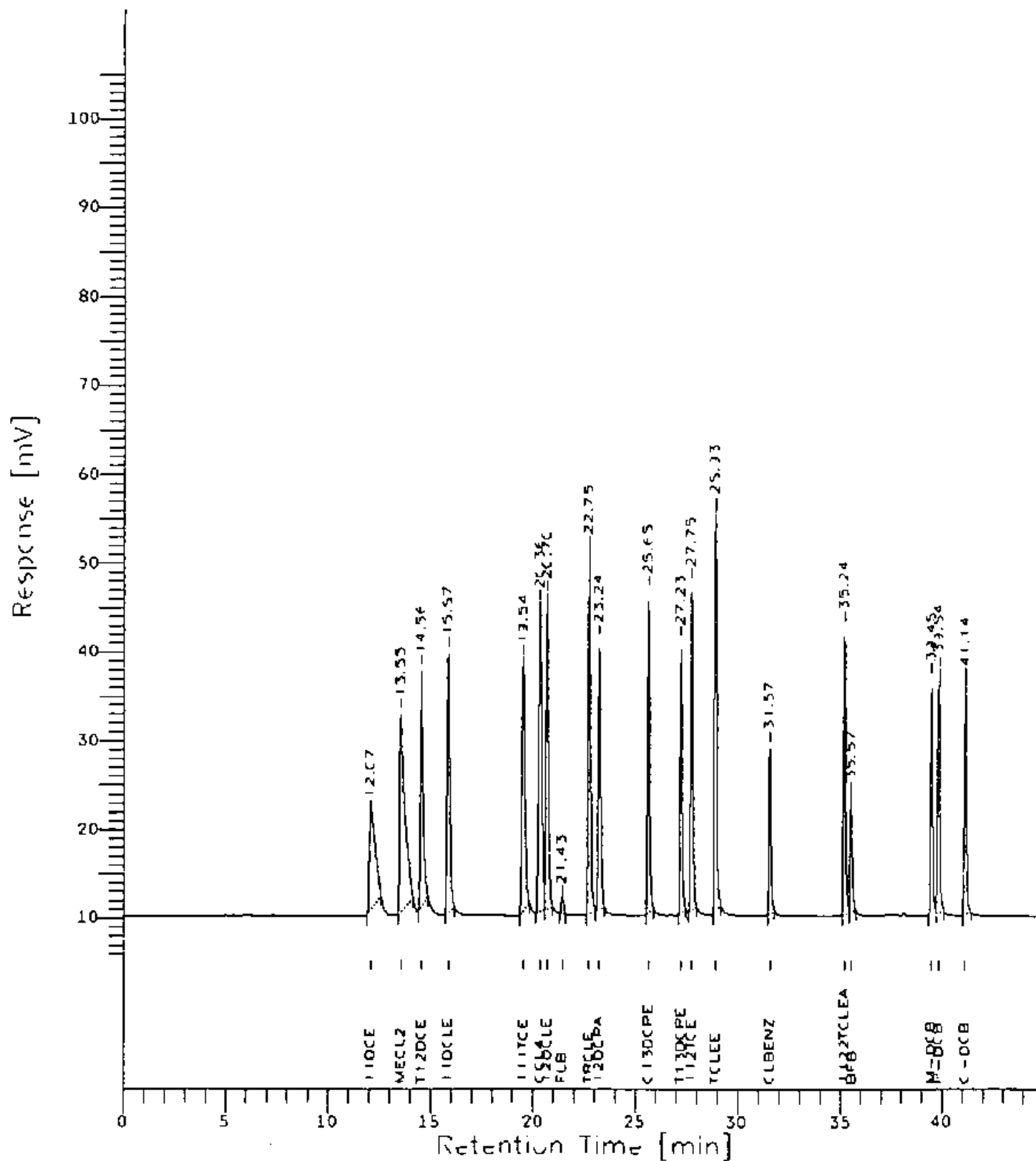
Chromatogram

46 447

FileName : D:\2700\DATA3\EDBA007.raw
Start Time : 0.00 min End Time : 45.00 min
Scale Factor: -1 Plot Offset: 5 mV

Date : 11/29/93 11:29 AM
Low Point : 5.22 mV
Plot Scale: 100 mV

Page 1 of 1
High Point : 105.22 mV



000442


```

=====
Sample Name   : CDDMTWD*2  1:2          Time       : 11/24/93  11:38 AM
Sample Number: 16                      Study      :
Operator      :

```

```

Interface #   : 4          Channel : A          A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition time: 11/24/93  7:11 AM
Delay Time     : 0.00  min.
End Time       : 45.00  min.
Sampling Rate  : 2.9412  pts/sec

```

```

Raw Data File  : D:\2700\DATA3\CDBA016.raw
Result File    : D:\2700\DATA3\CDBA016.rst
Instrument File: D:\2700\BRUCE\RTAPR.ins
Process File   : D:\2700\BRUCE\RTA.prc
Sample File    : D:\2700\BRUCE\RIA.smp
Sequence File  : D:\2700\DATA3\CDDCON2.seq

```

```

Inj. Volume    : 1          ul          Area Reject      : 200.00
Sample Amount  : 1.0000

```

ELCD REPORT

```

=====
RTX502.2 105M : GC HP5890 : 01 4551 VIAL AUTOSAMPLER
=====

```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	7.56	VC	36294 MM	0.00
2	13.46	MECL2	228798 BB	-0.75
3	14.47	T12DCE	134198 BB	-0.27
4	19.45	111TCE	134215 BB	-0.44
5	20.61	12DCE	173720 BB	-0.52
6	21.35	FLB	14827 BB	-0.32
7	23.87	CHCL2BR	145914 BB	-0.33
8	25.57	C13DCPE	130349 BB	-0.24
9	27.16	T13DCPE	120724 BB	-0.33
10	28.84	TCLEE	148726 BB	-0.31
11	29.38	CHCLER2	122053 BB	-0.31
12	35.50	BFB	86914 BB	-0.11

1478733

000443

Chromatogram

Filename : D:\2700\DATA3\CD8A016.raw

Date : 11/29/93 11:38 AM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

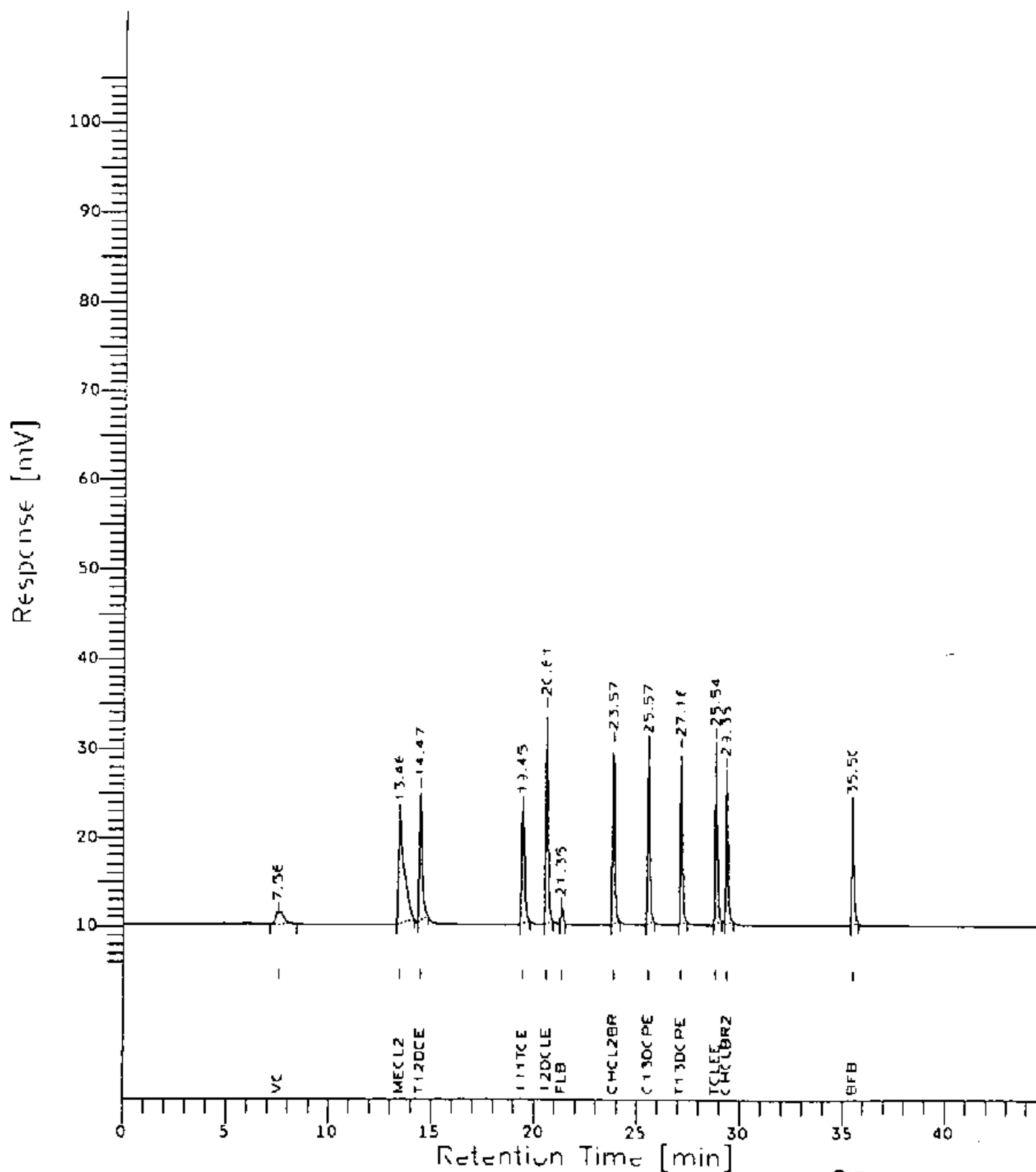
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor: -1

Plot Offset: 5 mV

Plot Scale: 100 mV



000444

=====

Sample Name	: CDDMTW*3	Time	: 11/29/93 11:38 AM
Sample Number	: 17	Study	:
Operator	:		

Interface # : 4 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/24/93 8:03 AM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\DATA3\CDBA017.raw
Result File : D:\2700\DATA3\CDBA017.rst
Instrument File: D:\2700\BRUCE\RTAPR.ins
Process File : D:\2700\BRUCE\RTA.prc
Sample File : D:\2700\BRUCE\RTA.smp
Sequence File : D:\2700\DATA3\CDDCON2.seq

Inj. Volume : 1 ul Area Reject : 200.00
Sample Amount : 1.0000

=====

ELCD REPORT

=====

RTX502.2 105M : GC HP5890 : 01 4551 VIAL AUTOSAMPLER

=====

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	St Delta RT [%]
1	11.96	11DCE	561568 BB	-0.83
2	15.78	11DCE	16867 BB	-0.29
3	17.67	C12DCE	10149 BB	-0.34
4	18.16	CHCL3	69897 BB	-0.56
5	19.45	111TCE	53111 BB	-0.44
6	20.29	CCL4	3747 MM	0.00
7	20.62	12DCLL	12303 BB	-0.49
8	21.36	FLB	9971 BB	-0.29
9	22.65	TRCLE	762452 BB	-0.35
10	28.84	TCLEE	2569520 BB	-0.31
11	35.50	BFB	91302 BB	-0.13

4160866

Chromatogram

46 451

FileName : D:\2700\DATA3\COBA017.raw

Date : 11/29/93 11:36 AM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

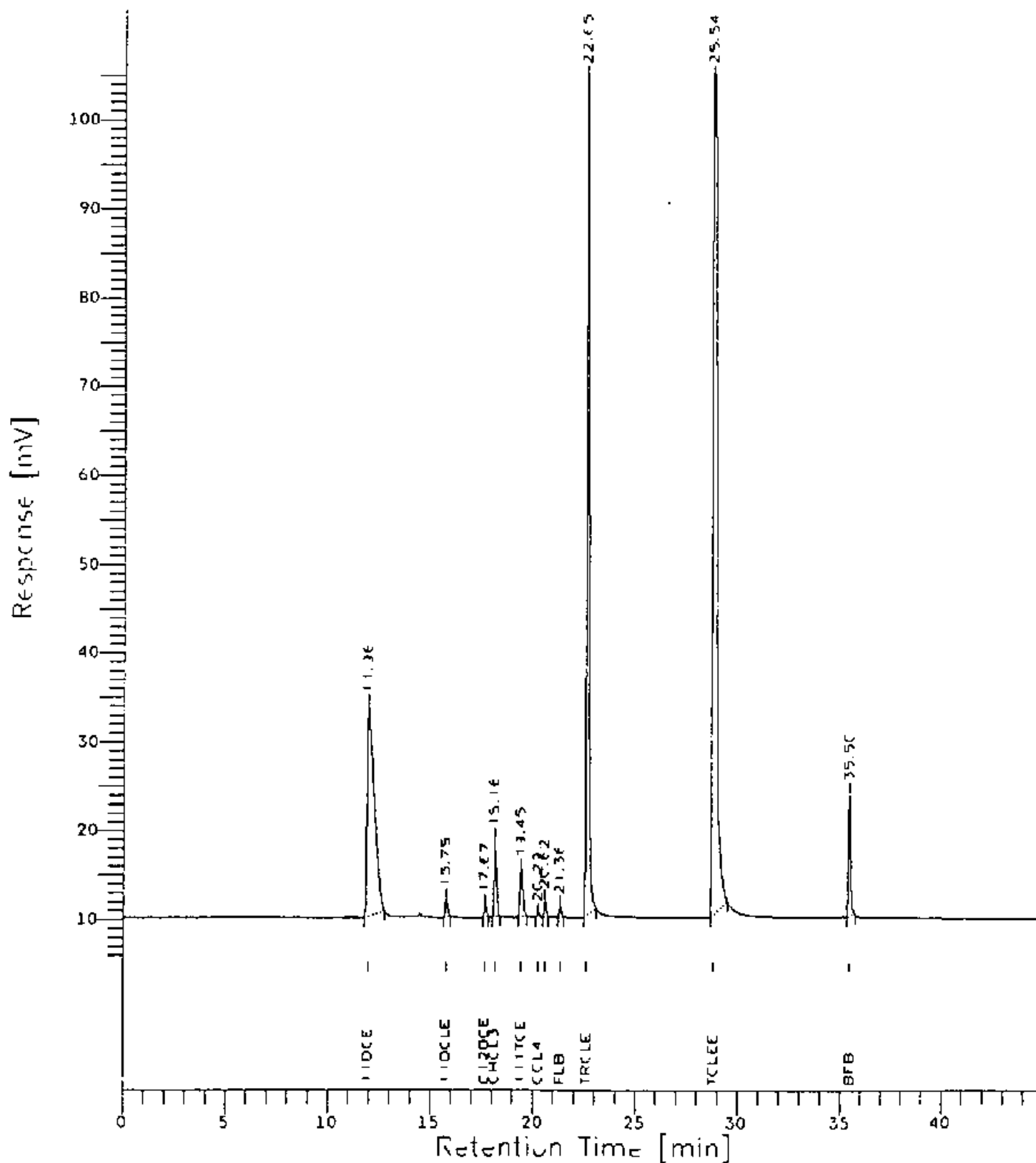
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor : -1

Plot Offset : 5 mV

Plot Scale : 100 mV



000446

```

=====
Sample Name   : CDDMTW*10           Time       : 11/29/93  11:38 AM
Sample Number: 18                   Study        :
Operator      :

```

```

Interface #   : 4           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/24/93  8:56 AM
Delay Time       : 0.00   min.
End Time        : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\DATA3\CDBA018.raw
Result File     : D:\2700\DATA3\CDBA018.rst
Instrument File  : D:\2700\BRUCE\RTAPR.ins
Process File    : D:\2700\BRUCE\RTA.pro
Sample File     : D:\2700\BRUCE\RTA.smp
Sequence File   : D:\2700\DATA3\CDDCON2.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 200.00
Sample Amount   : 1.0000

```

```

=====
ELCD REPORT
=====

```

```

RTX502.2 105M : GC HPS890 : 01 4551 VIAL AUTOSAMPLER
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	11.97	11DCE	1071062	BB -0.76
2	13.45	MECL2	3185627	BV -0.68
3	14.46	112DCE	1391525	VB -0.31
4	15.77	11DCLE	46417	BB -0.32
5	17.65	112DCE	3381875	BE -0.43
6	18.15	CHCL3	125640	EB -0.59
7	19.45	111TCE	86004	BV -0.46
9	20.28	CCL4	16466	BB -0.06
10	20.61	12DCLE	36768	BB -0.52
11	21.35	FLB	25492	BB -0.32
12	22.65	TRCLE	6037799	BB -0.35
13	27.67	112TCE	62393	BB -0.20
14	28.83	TCLEE	1609366	BB -0.35
15	35.16	1122TCLEA	497802	BV 0.00
16	35.49	BFB	112114	VB -0.16

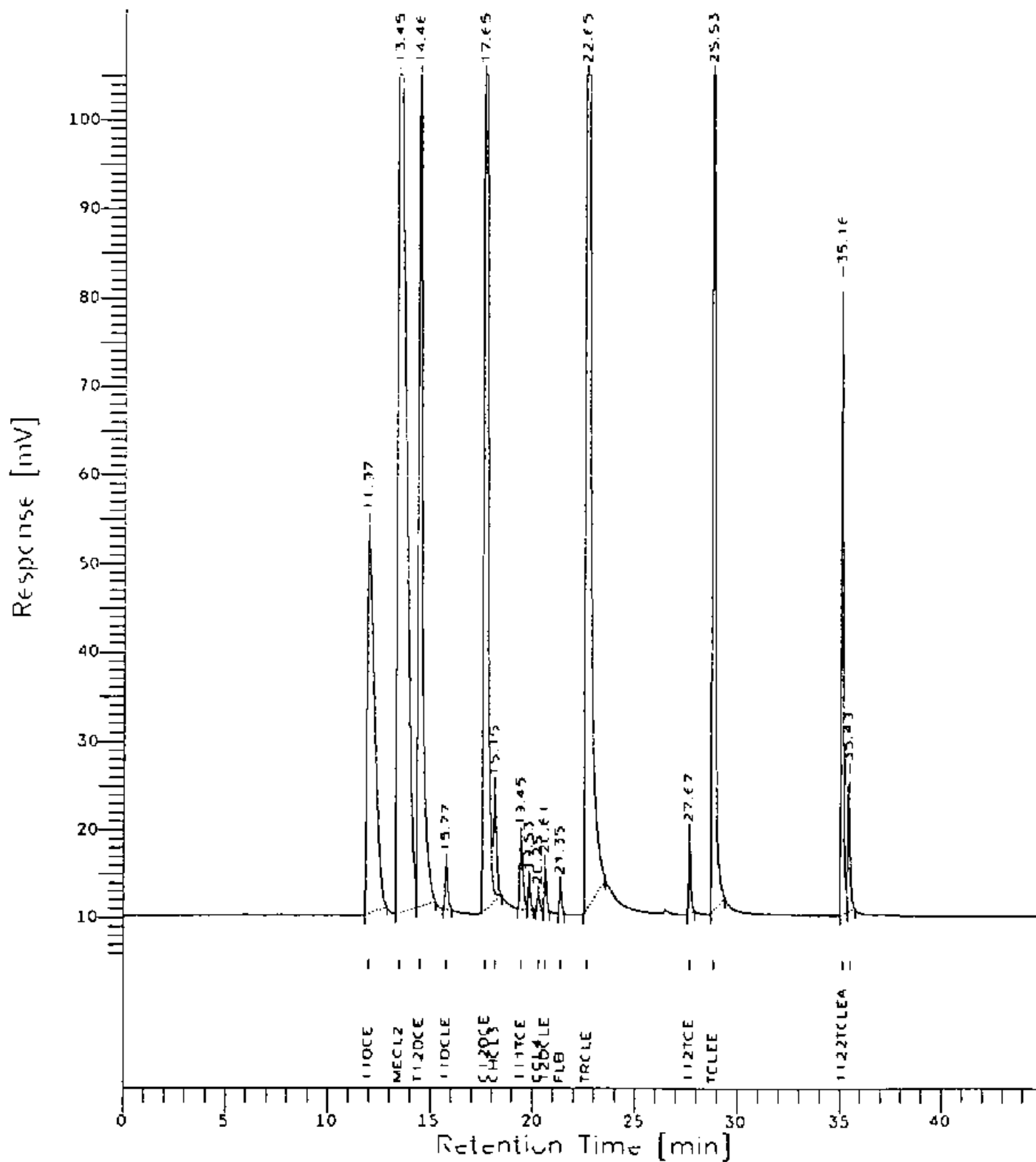
```

-----
17686368

```

46 453

Page 1 of 1
High Point : 105.22 mV



000448

```

=====
Sample Name   : CDDMTW*11           Time       : 11/29/93  11:38 AM
Sample Number: 19                   Study        :
Operator      :

```

```

Interface #   : 4           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/24/93  9:48 AM
Delay Time        : 0.00   min.
End Time          : 45.00   min.
Sampling Rate     : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\DATA3\CDBA019.raw
Result File     : D:\2700\DATA3\CDBA019.rst
Instrument File : D:\2700\BRUCE\RTAPR.ins
Process File    : D:\2700\BRUCE\RTA.prc
Sample File     : D:\2700\BRUCE\RTA.smp
Sequence File   : D:\2700\DATA3\CDDCON2.seq

```

```

Inj. Volume    : 1           ul           Area Reject      : 200.00
Sample Amount  : 1.0000

```

```

=====
                        ELCD REPORT
=====

```

```

=====
RTX502.2 105K : GC HP5890 : DI 4551 VIAL AUTOSAMPLER
=====

```

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	BL	Delta RT [%]
1	14.45	T12DCE	103292	BB	-0.39
2	17.65	C12DCE	319344	BV	-0.46
3	18.15	CHCL3	43121	VB	-0.59
4	20.27	CEL4	6657	BB	-0.08
5	21.34	FLB	11812	BB	-0.37
6	22.64	TRCLE	435591	BB	-0.40
7	28.83	TCLEE	92298	BB	-0.35
8	35.16	1122TCLEA	44630	BV	0.00
9	35.48	BFB	97424	VB	-0.18

```

=====
1154169
=====

```

Chromatogram

FileName : D:\2700\DATA3\CDBA019.raw

Date : 11/29/93 11:38 AM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

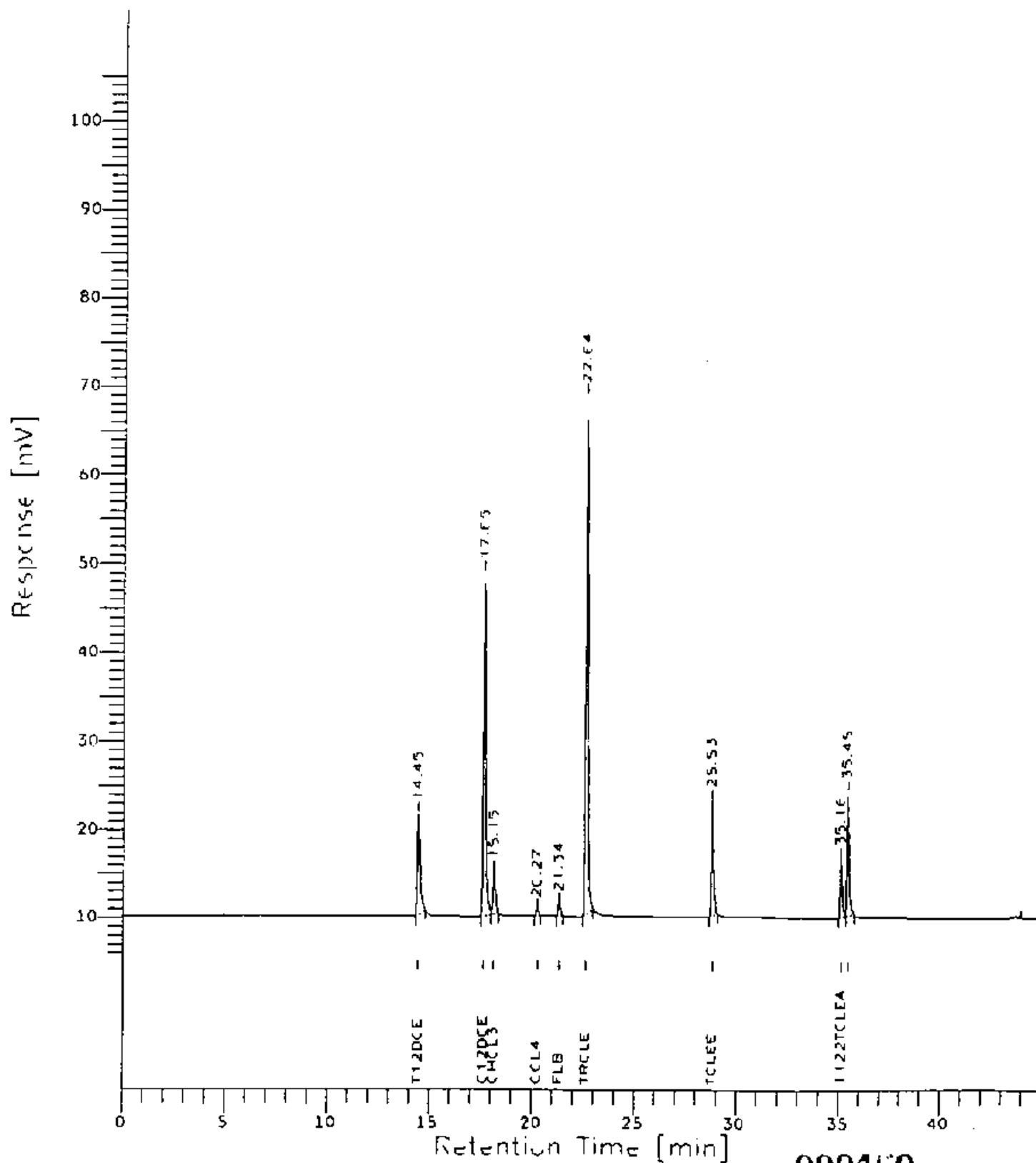
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor: -1

Plot Offset: 5 mV

Plot Scale: 100 mV



000450

=====

Sample Name	: CDDMTW*12	Time	: 11/29/93 11:38 AM
Sample Number	: 20	Study	:
Operator	:		

Interface # : 4 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/24/93 10:40 AM
Delay time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\DATA3\CDBA020.raw
Result File : D:\2700\DATA3\CDBA020.rst
Instrument File: D:\2700\BRUCE\RTAPR.ins
Process File : D:\2700\BRUCE\RTA.prc
Sample File : D:\2700\BRUCE\RTA.smp
Sequence File : D:\2700\DATA3\CDDCON2.seq

Inj. Volume : 1 ul Area Reject : 200.00
Sample Amount : 1.0000

=====

ELCD REPORT

=====

RTX502.2 105M : GC HP5890 : 01 4551 VIAL AUTOSAMPLER

=====

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL Delta RT [%]
1	14.44	T12DCE	304853 BB	-0.43
2	17.64	C12DCE	985608 BV	-0.53
3	18.14	CHCL3	55836 VB	-0.65
5	20.26	CCL4	9897 BB	-0.11
6	21.34	FLB	14753 BB	-0.40
7	22.63	TRCLE	8749325 BB	-0.42
8	27.66	112TCE	16993 BB	-0.25
9	28.82	TCLEE	260807 BB	-0.39
11	35.15	1122TCLEA	2085226 BE	-0.03
12	35.47	BFB	135230 BB	-0.21

12618526

Chromatogram

46 457

FileName : D:\2700\DATA3\COBA020.raw

Date : 11/29/93 11:38 AM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

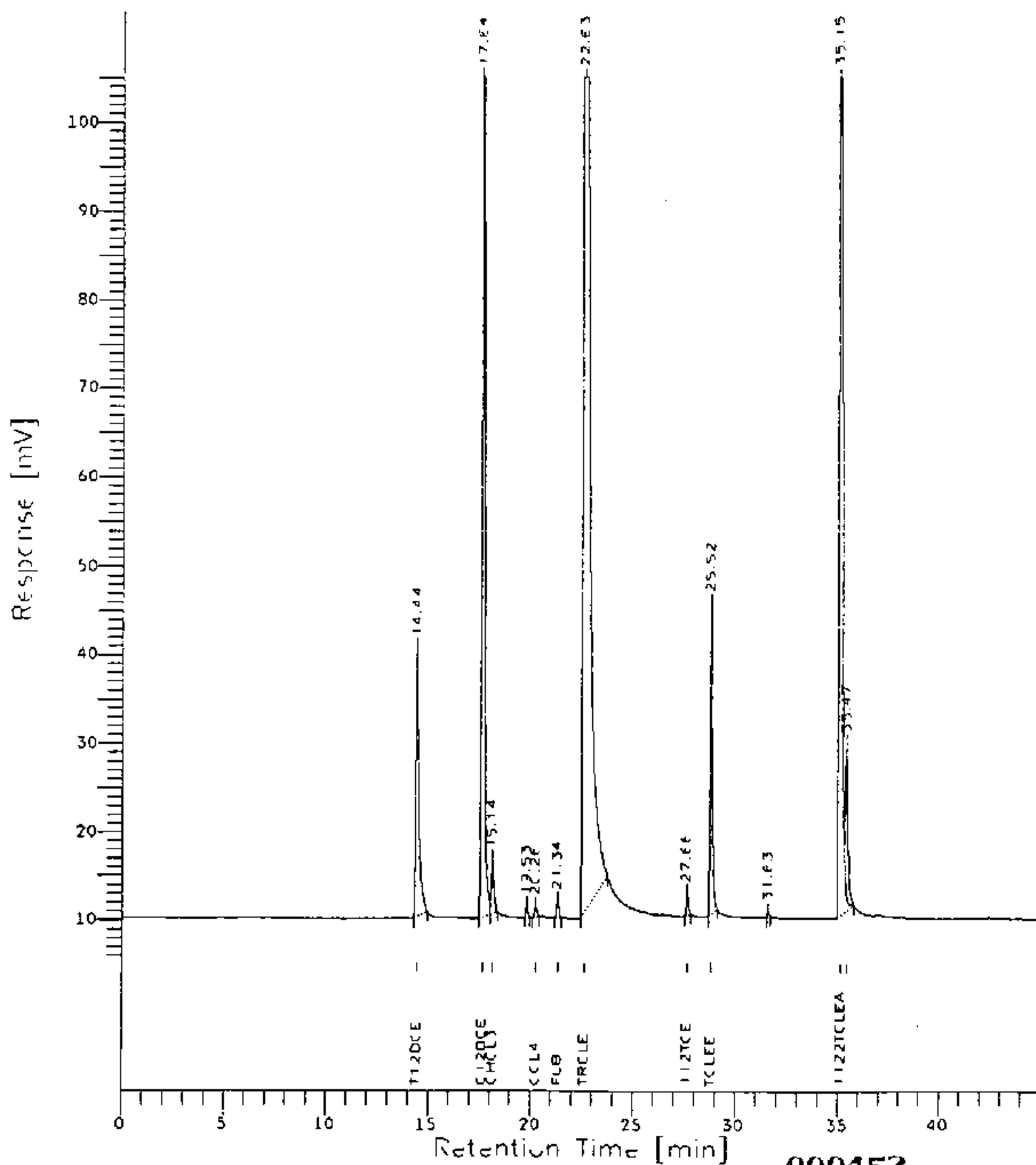
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor : -1

Plot Offset : 5 mV

Plot Scale : 100 mV



000452

```

=====
Sample Name   : CDDMTW*25           Time       : 11/29/93  11:38 AM
Sample Number: 21                   Study        :
Operator      :

```

```

Interface #   : 4           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/24/93  11:32 AM
Delay Time       : 0.00 min.
End Time         : 45.00 min.
Sampling Rate    : 2.9412 pts/sec

```

```

Raw Data File   : D:\2700\DATA3\CDBA021.raw
Result File     : D:\2700\DATA3\CDBA021.rst
Instrument File : D:\2700\BRUCE\RTAPR.ins
Process File    : D:\2700\BRUCE\RTA.prc
Sample File     : D:\2700\BRUCE\RTA.smp
Sequence File   : D:\2700\DATA3\CDDCON2.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 200.00
Sample Amount   : 1.0000

```

``` ===== ELCD REPORT ===== ```

```

RTX502.2 105M : GC HP5890 : 01 4551 VIAL AUTOSAMPLER
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uV-sec]	BL	Delta RT [%]
5	18.16	CHCL3	1093	BB	-0.56
6	20.27	CCL4	3835	BV	-0.08
7	20.60	12DCLE	1026	VB	-0.57
8	21.34	FLB	7347	BB	-0.40
9	22.66	TRCLE	2468	BB	-0.32
11	26.82	TCLEE	52676	BB	-0.39
12	35.24	1127TCLEA	1340	BV	0.23
13	35.48	BFB	93123	VB	-0.18

```

162908

```

Chromatogram

FileName : D:\2700\DATA3\CDBA021.raw

Date : 11/29/93 11:38 AM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

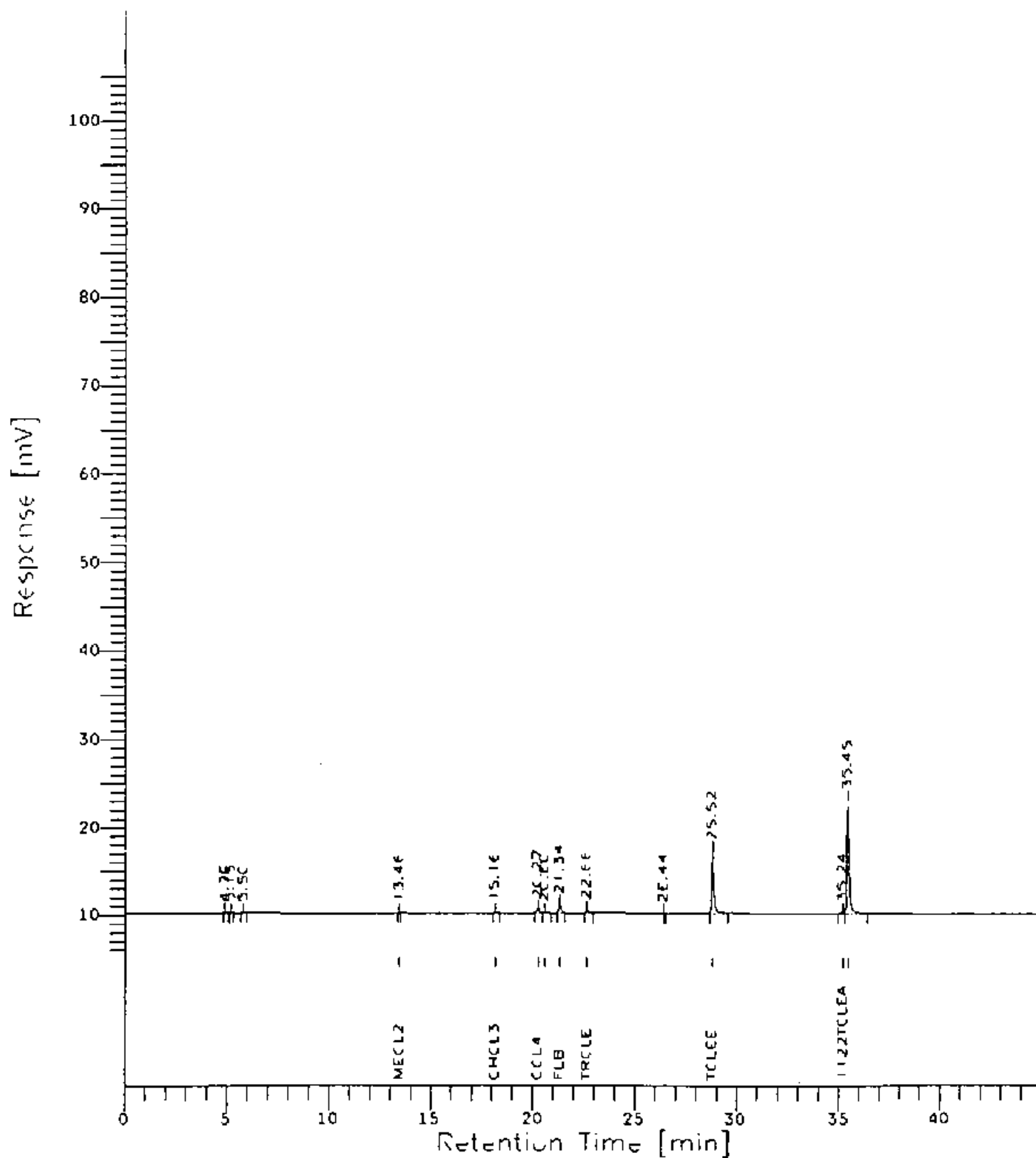
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor: -1

Plot Offset: 5 mV

Plot Scale: 100 mV



000454

=====

Sample Name	: CDDMTW*26	Time	: 11/29/93 11:38 AM
Sample Number	: 22	Study	:
Operator	:		

Interface # : 4 Channel : A A/D mV Range : 10000
AutoSampler : None attached
Rack/Vial : 0/0

Data Acquisition Time: 11/24/93 12:24 PM
Delay Time : 0.00 min.
End Time : 45.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : D:\2700\DATA3\CDBA022.raw
Result File : D:\2700\DATA3\CDBA022.rst
Instrument File: D:\2700\BRUCE\RTAPR.ins
Process File : D:\2700\BRUCE\RTA.prc
Sample File : D:\2700\BRUCE\RTA.smp
Sequence File : D:\2700\DATA3\CDDCON2.seq

Inj. Volume : 1 ul Area Reject : 200.00
Sample Amount : 1.0000

=====

ELCD REPORT

=====

RTX502.2 105M : GC HP5890 : DI 4551 VIAL AUTOSAMPLER

=====

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
1	18.15	CHCL3	18153 BB	-0.59
2	20.25	CCL4	79667 BB	-0.17
3	21.33	FLB	6942 BB	-0.42
4	22.64	TRCLE	25757 BB	-0.40
5	28.83	TCLEE	140906 BB	-0.37
6	35.48	BFB	93124 MM	-0.18

366549

Chromatogram

FileName : D:\2700\DATA3\COBA022.raw

Date : 11/29/93 11:38 AM

Page 1 of 1

Start Time : 0.00 min

End Time : 45.00 min

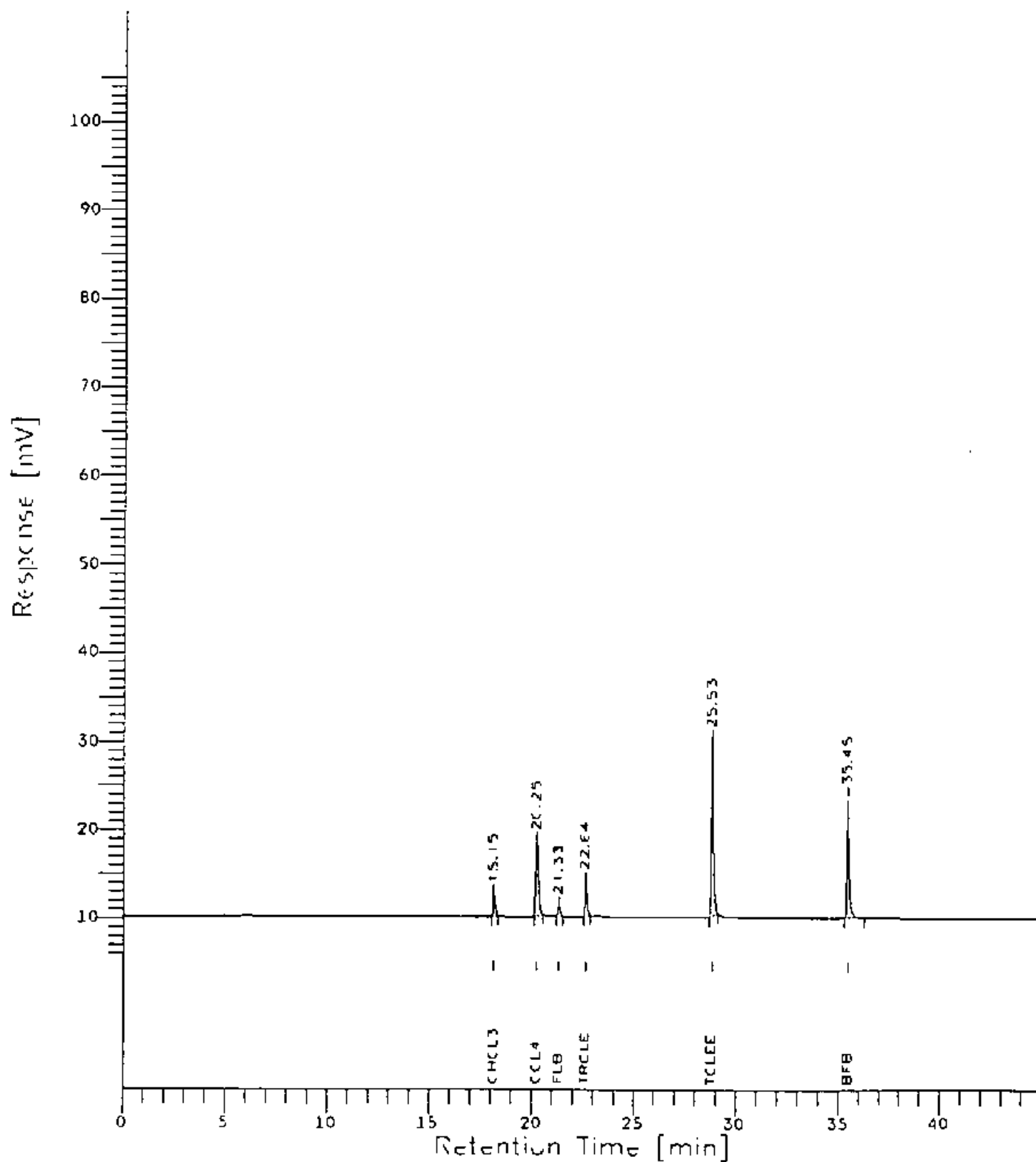
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor : -1

Plot Offset: 5 mV

Plot Scale: 100 mV



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```

=====
Sample Name   : CDDMTW*41           Time       : 11/29/93  11:38 AM
Sample Number: 23                   Study        :
Operator      :

```

```

Interface #   : 4           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/24/93  1:16 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\DATA3\CDBA023.raw
Result File     : D:\2700\DATA3\CDBA023.rst
Instrument File : D:\2700\BRUCE\RTAPR.ins
Process File    : D:\2700\BRUCE\RTA.prc
Sample File     : D:\2700\BRUCE\RTA.smp
Sequence File   : D:\2700\DATA3\CDDCON2.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 200.00
Sample Amount   : 1.0000

```

```

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                        ELCD REPORT
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```

RTX502.2 105M : GC HP5890 : 01 4551 VIAL AUTOSAMPLER
=====

```

Peak #	Ret. Time (min)	Component Name	Area (uV-sec)	BL Delta RT [%]
1	11.95	11DCE	1626E42 BB	-0.92
2	13.42	MECL2	3615843 BV	-1.00
3	14.44	T12DCE	1877855 VB	-0.47
4	15.75	11DCE	57326 BB	-0.43
5	17.63	C12DCE	4023022 BE	-0.56
6	18.13	CHCL3	155233 BB	-0.71
7	19.44	111TCE	121696 BV	-0.49
9	20.26	CCL4	28686 BV	-0.14
10	20.60	12DCE	41946 VB	-0.57
11	21.34	FLB	30439 BB	-0.40
12	22.63	TRCLE	8058663 BB	-0.42
13	27.66	112TCE	69753 BB	-0.25
14	28.82	TCLEE	2402853 BB	-0.39
15	35.15	1122TCLEA	535024 BV	-0.02
16	35.48	BFB	117370 VB	-0.18

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Chromatogram

FileName : D:\2700\DATAJ\CD84023.raw

Date : 11/29/93 11:38 AM

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Start Time : 0.00 min

End Time : 45.00 min

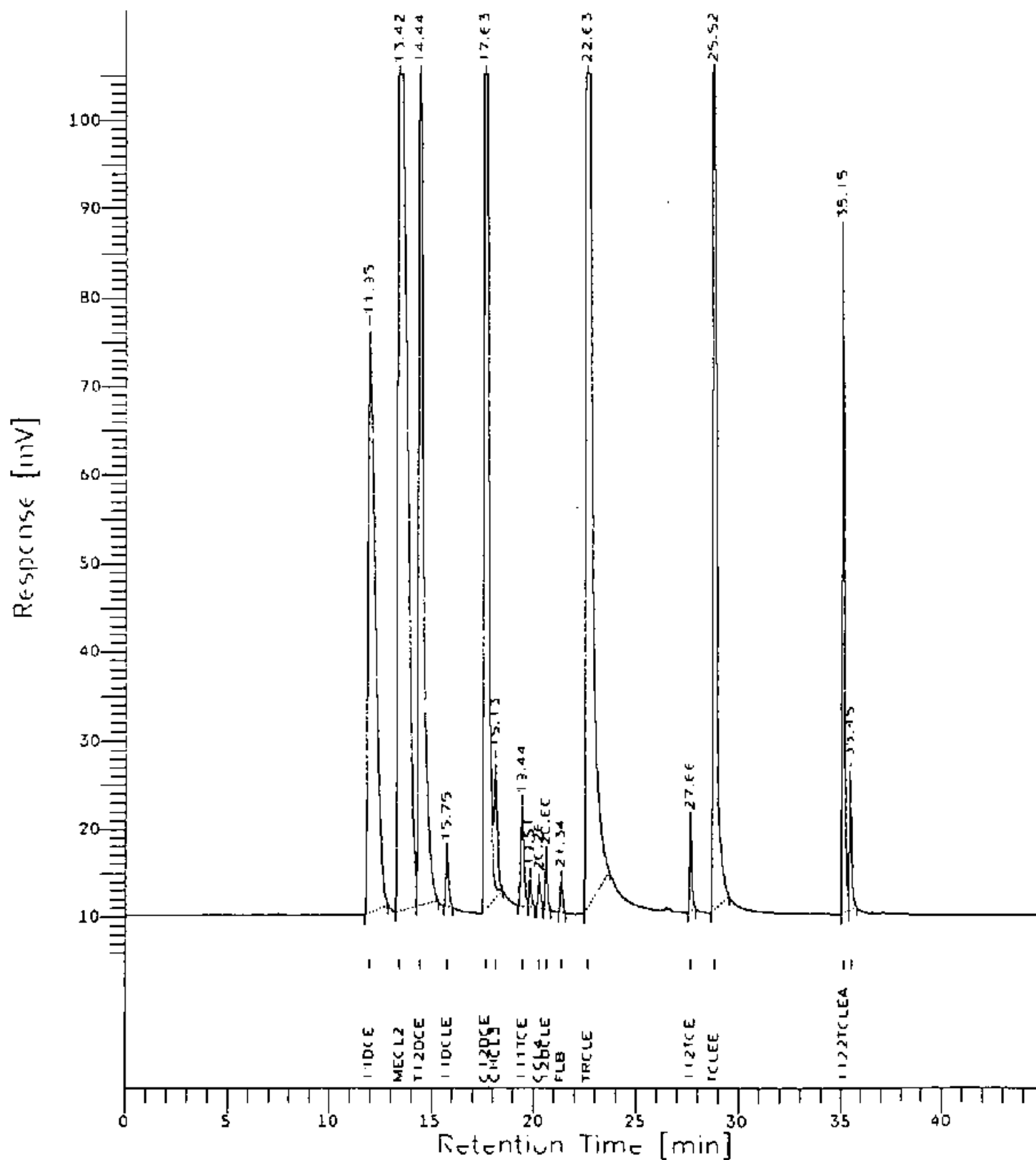
Low Point : 5.23 mV

High Point : 105.23 mV

Scale Factor: -1

Plot Offset: 5 mV

Plot Scale: 100 mV




```

=====
Sample Name   : CDDMTW*42           Time       : 11/29/93  11:38 AM
Sample Number: 24                   Study        :
Operator      :

```

```

Interface #   : 4           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/24/93  2:09 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\DATA3\CDBA024.raw
Result File     : D:\2700\DATA3\CDBA024.rst
Instrument File  : D:\2700\BRUCE\RTAPR.ins
Process File    : D:\2700\BRUCE\RTA.prc
Sample File     : D:\2700\BRUCE\RTA.smp
Sequence File   : D:\2700\DATA3\CDDCON2.seq

```

```

Inj. Volume     : 1           ul           Area Reject : 200.00
Sample Amount   : 1.0000

```

ELCD REPORT

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=====
RTX502.2 10SM : GC HP5890 : 01 4551 VIAL AUTOSAMPLER
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	BL Delta RT [%]
1	14.45	T12DCE	495623 BB	-0.39
2	17.65	C12DCE	1468119 BV	-0.46
3	18.15	CHCL3	84311 VB	-0.59
5	20.28	CCL4	14970 BB	-0.06
6	21.35	FLB	21444 BB	-0.34
7	22.62	TRCLE	11341737 BB	-0.47
8	27.68	112TCE	26540 BB	-0.18
9	28.83	TCLEE	371885 BB	-0.37
11	35.16	1122TCLEA	2763402 BE	0.00
12	35.48	BFB	152512 EB	-0.18

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Chromatogram

FileName : D:\2700\DATA3\0084024.raw

Date : 11/29/93 11:38 Am

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Start Time : 0.00 min

End Time : 45.00 min

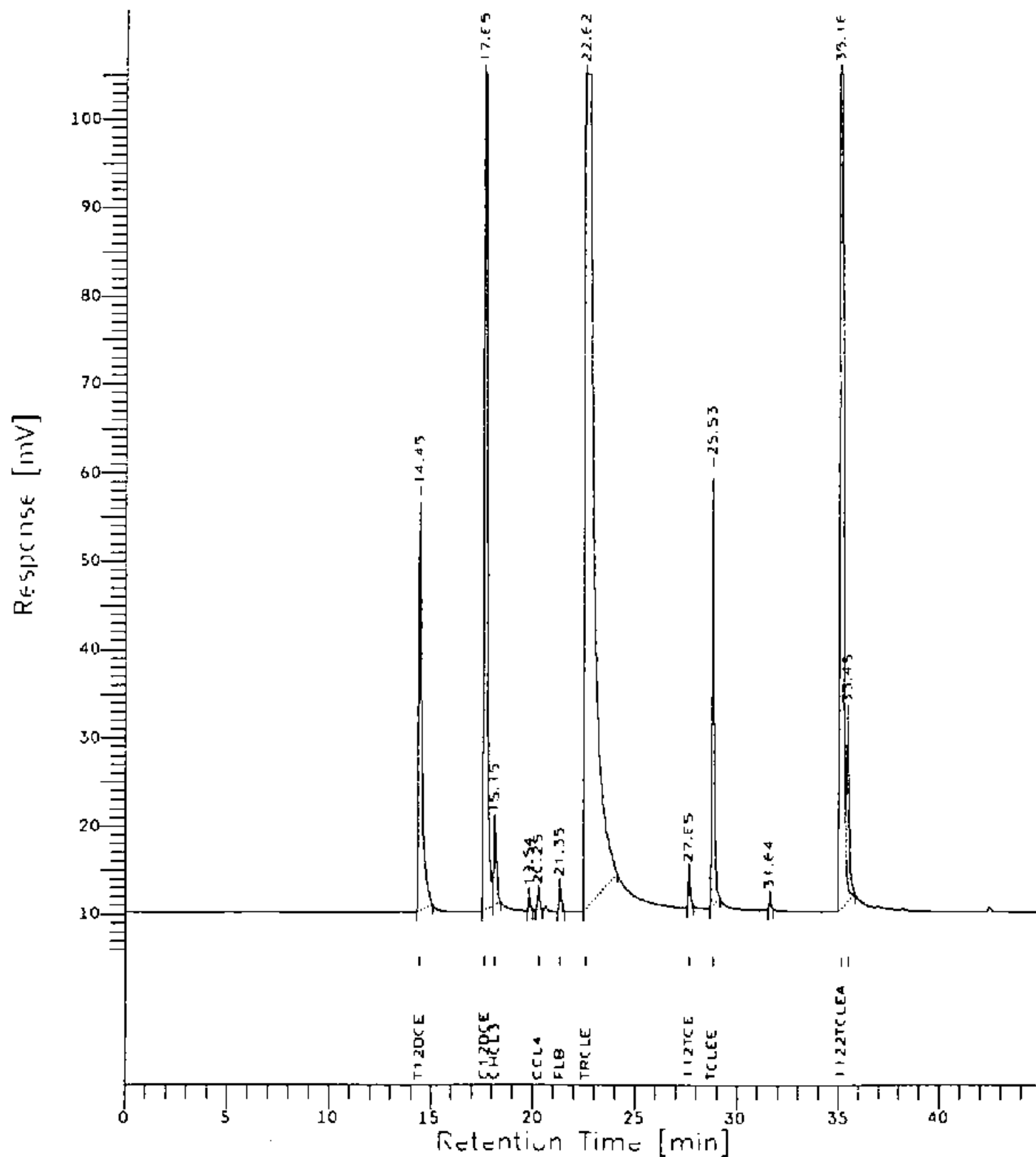
Low Point : 5.22 mV

High Point : 105.22 mV

Scale Factor : -1

Plot Offset: 5 mV

Plot Scale: 100 mV



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```

=====
Sample Name   : CCS*CDN*2           Time       : 11/29/93  11:39 AM
Sample Number: 25                   Study        :
Operator      :

```

```

Interface #   : 4           Channel : A           A/D mV Range : 10000
AutoSampler   : None attached
Rack/Vial     : 0/0

```

```

Data Acquisition Time: 11/24/93  3:01 PM
Delay Time       : 0.00   min.
End Time         : 45.00   min.
Sampling Rate    : 2.9412   pts/sec

```

```

Raw Data File   : D:\2700\DATA3\CDBA025.raw
Result File     : D:\2700\DATA3\CDBA025.rst
Instrument File : D:\2700\BRUCE\RTAPK.ins
Process File    : D:\2700\BRUCE\RTA.pro
Sample File     : D:\2700\BRUCE\RTA.smp
Sequence File   : D:\2700\DATA3\CDDCON2.seq

```

```

Inj. Volume     : 1           ul           Area Reject       : 200.00
Sample Amount   : 1.0000

```

ELCD REPORT

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=====
RTX502.2 105M : GC HP5890 : 01 4551 VIAL AUTOSAMPLER
=====

```

Peak #	Ret. Time [min]	Component Name	Area [uv-sec]	Bl. Delta RT [%]
3	6.23	DCDFM	25347 MM	-2.75
4	7.00	CH3CL	24205 MM	+0.06
5	7.54	VC	72468 MM	-0.23
6	8.95	C2H5CL	208639 MM	0.06
7	9.92	OCL3F	154168 MM	-0.43
8	11.96	11DCE	302110 BB	-0.88
9	13.44	MECL2	474800 BB	+0.92
10	14.45	T12DCE	322296 BB	-0.39
11	15.76	11DCE	300419 BB	-0.39
12	18.15	CHCL3	405827 BB	-0.03
13	19.44	111TCE	359030 BB	-0.52
14	20.25	OCL4	410155 BV	-0.17
15	20.59	12DCE	349191 VB	-0.60
16	21.33	FLB	32759 BB	-0.42
17	22.63	TRCLE	363031 BV	-0.42
18	23.14	12DCPA	289809 VB	-0.71
19	23.85	CHCL2BR	295412 BB	-0.43
20	24.78	2CEVE	114694 BB	-0.28
21	25.55	C13DCPE	284555 BB	-0.33
22	27.14	T13DCPE	229048 BB	-0.40
23	27.65	112TCE	347215 BB	+0.27
24	28.83	TCLEE	377053 BV	-0.37
25	29.37	CHCLBR2	237348 VB	-0.35
26	31.48	CLBENZ	155757 BB	-0.29
27	34.60	CHBR3	168331 BB	-0.13
28	35.15	1122TCLEA	284864 BV	-0.02
29	35.49	BFB	110424 VB	-0.16
30	39.40	M-OCB	205746 BV	-0.17

000461

31 39.76 P-OCB
32 41.06 O-OCB

206863 VB -0.16
205802 BB -0.15

46 467

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Chromatogram

Filename : D:\2700\DATA3\CD8A025.raw

Date : 11/29/93 11:39 AM

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Start Time : 0.00 min

End Time : 45.00 min

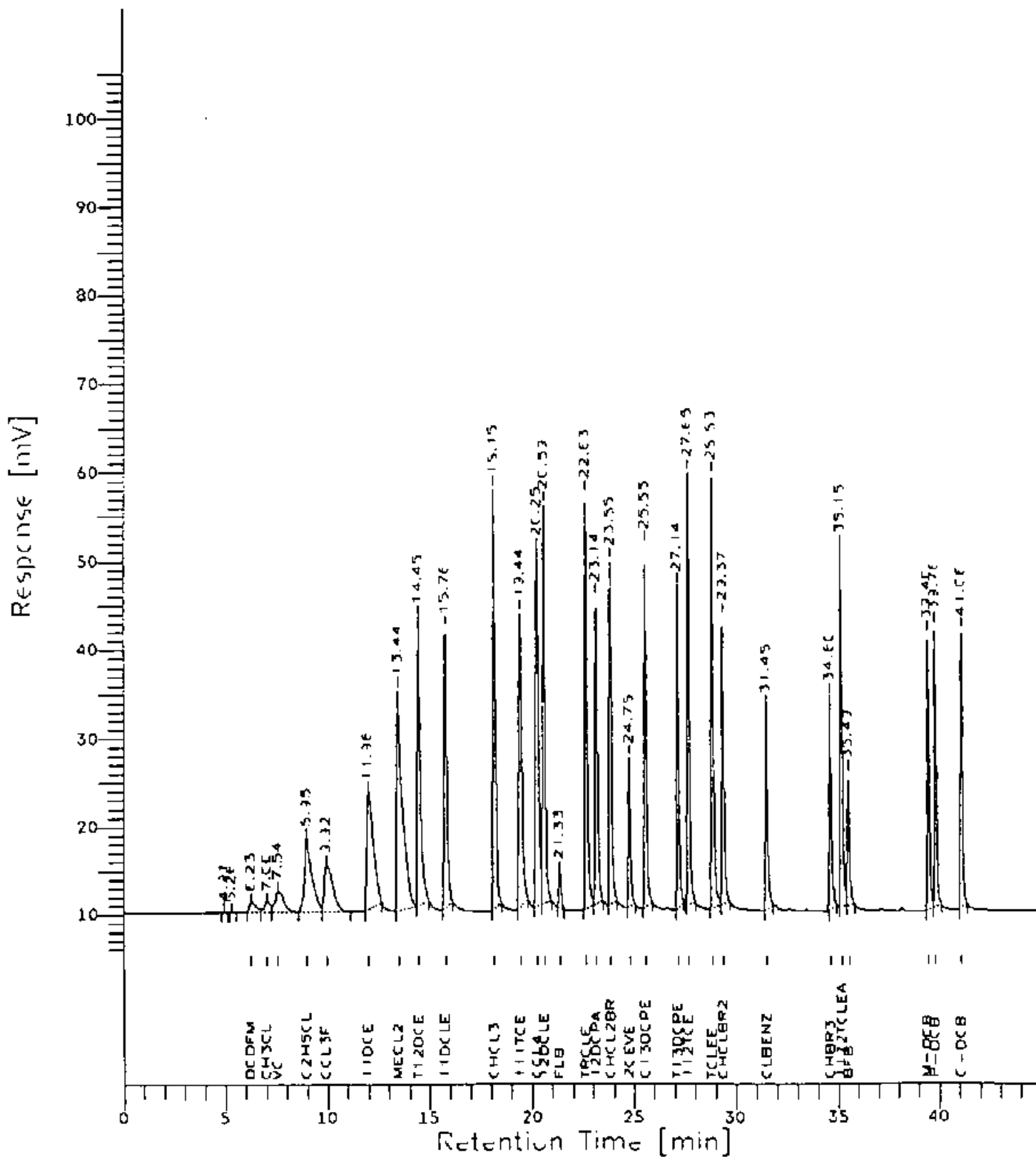
Low Point : 5.23 mV

High Point : 105.23 mV

Scale Factor: -1

Plot Offset: 5 mV

Plot Scale: 100 mV



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FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE

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ADMINISTRATIVE RECORD

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