

VOLUME 3
RESULTS OF ENVIRONMENTAL INVESTIGATIONS
APPENDIX 4, PART 3 OF 5

Of The

COMM 100 ASSOCIATES FACILITY
100 COMMERCIAL STREET
PLAINVIEW, NASSAU COUNTY, NEW YORK
SITE NO. 1-30-075

For

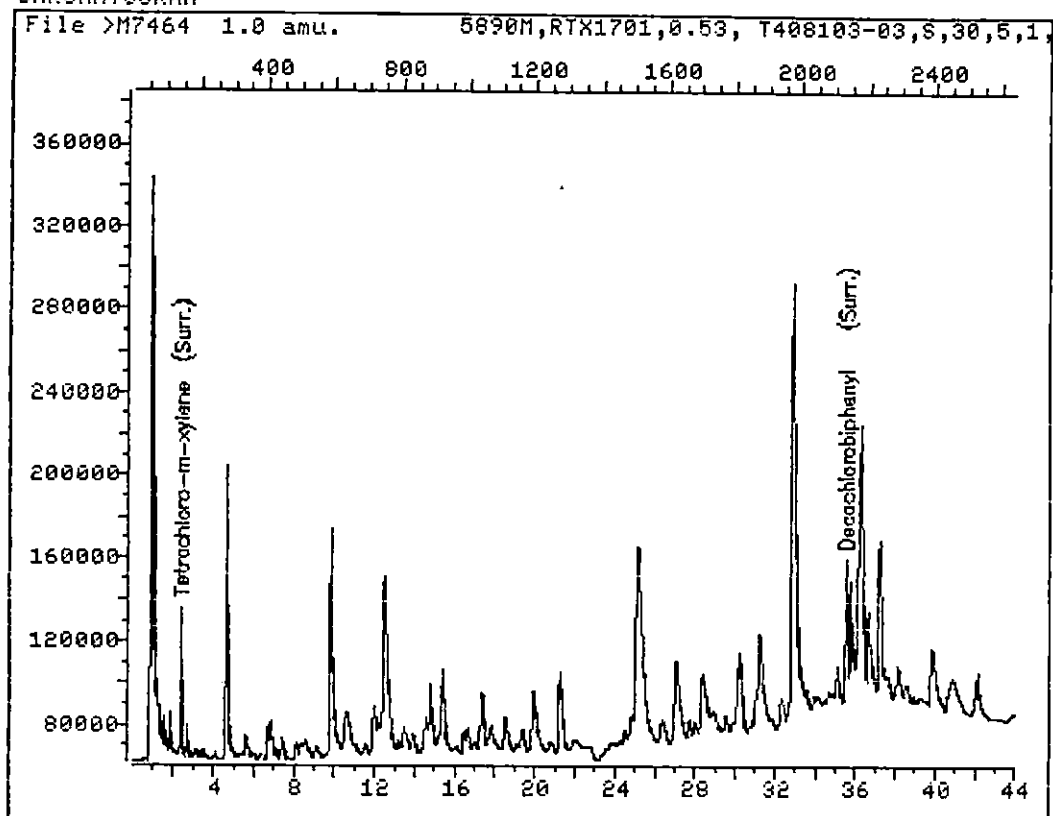
ROBIN S. WEINSTEIN, ESQ.
KENSINGTON & RESSLER, P.C.
400 MADISON AVENUE
NEW YORK, NEW YORK 10017-1910

By

EIKON PLANNING AND DESIGN CORP.
P.O. BOX 469 - 221 HIGH STREET
HACKETTSTOWN, NEW JERSEY 07840

February 1, 1995

CHROMATOGRAM



Data File: >M7464::M1
Name: 5890M,RTX1701,0.53,
Misc: T408103-03,S,30,5,1,SD-3,

Quant Output File: ^M7464::QT
Instrument ID: M

Id File: IDM390::SC
Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
Last Calibration: 930215 09:47 Last Qcal Time: 940823 21:42

Operator ID: MANAGER
Quant Time : 940825 09:53
Injected at: 940825 04:48

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7464::QT
Data File: >M7464::M1
Name: 5890M,RTX1701,0.53,
Misc: T408103-03,S,30,5,1,SD-3,

Quant Rev: 7 Quant Time: 940825 09:53
 Injected at: 940825 04:48
Dilution Factor: 1.00000
Instrument ID: M

) File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

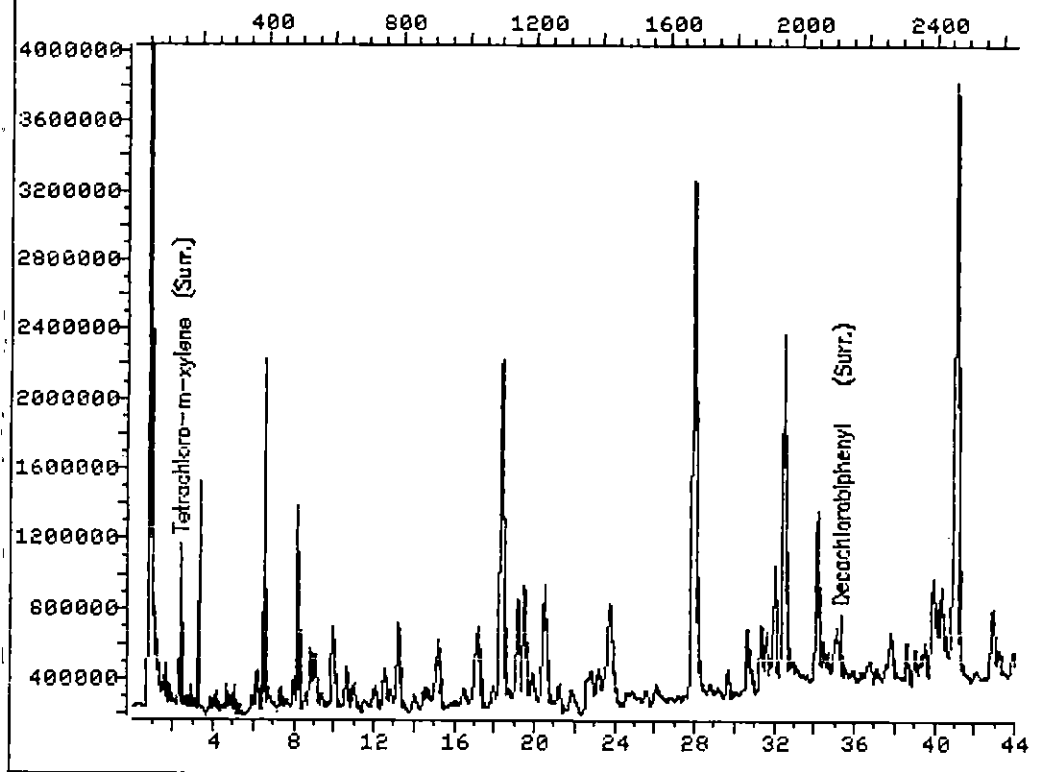
Last Qcal Time: 940823 21:42

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene	(Surr.)	2.37	142	229632	.0831	NG	100
11)	#Decachlorobiphenyl	(Surr.)	35.48	2129	469050M	.106	NG	100

Compound uses ESTD

CHROMATOGRAM

File >N7464 1.0 amu. 5890N,RTX5,0.53, T408103-03,S,30,5,1,



Data File: >N7464::M1
Name: 5890N,RTX5,0.53,
Misc: T408103-03,S,30,5,1,SD-3,

Quant Output File: ^N7464::QT
Instrument ID: N

Id File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Operator ID: MANAGER
Quant Time : 940825 09:55
Injected at: 940825 04:48

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7464::QT
Data File: >N7464::M1
Name: 5890N,RTX5,0.53,
Misc: T408103-03,S,30,5,1,SD-3,

Quant Rev: 7 Quant Time: 940825 09:55
 Injected at: 940825 04:48
Dilution Factor: 1.00000
Instrument ID: N

LD File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.33	140	2601338	.0547	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.28	2117	2335431M	.0480	NG	100

Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSDOP SAMPLE ID

Lab Name: LRI

Contract:

190-4

Lab Code: LRI

CASE No.: 08103

SAS No.:

SOG No.: 810301

Matrix: (soil/water) SOIL

Lab Sample ID: 1488105-04

Sample wt/Vol: 30 (g/ml) G

Lab File ID: >M2465

% Moisture: 5 decanted: (Y/N) N

Date Received: 08/09/94

Extraction: (Seph/Cont/Sonc) SONIC

Date Extracted: 08/11/94

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/25/94

Injection Volume: 2 (uL)

Dilution Factor: 1

GC Cleanup: (Y/N) Y pH:

Sulfur Cleanup: (Y/N) N

CAS NO.

COMPOUND

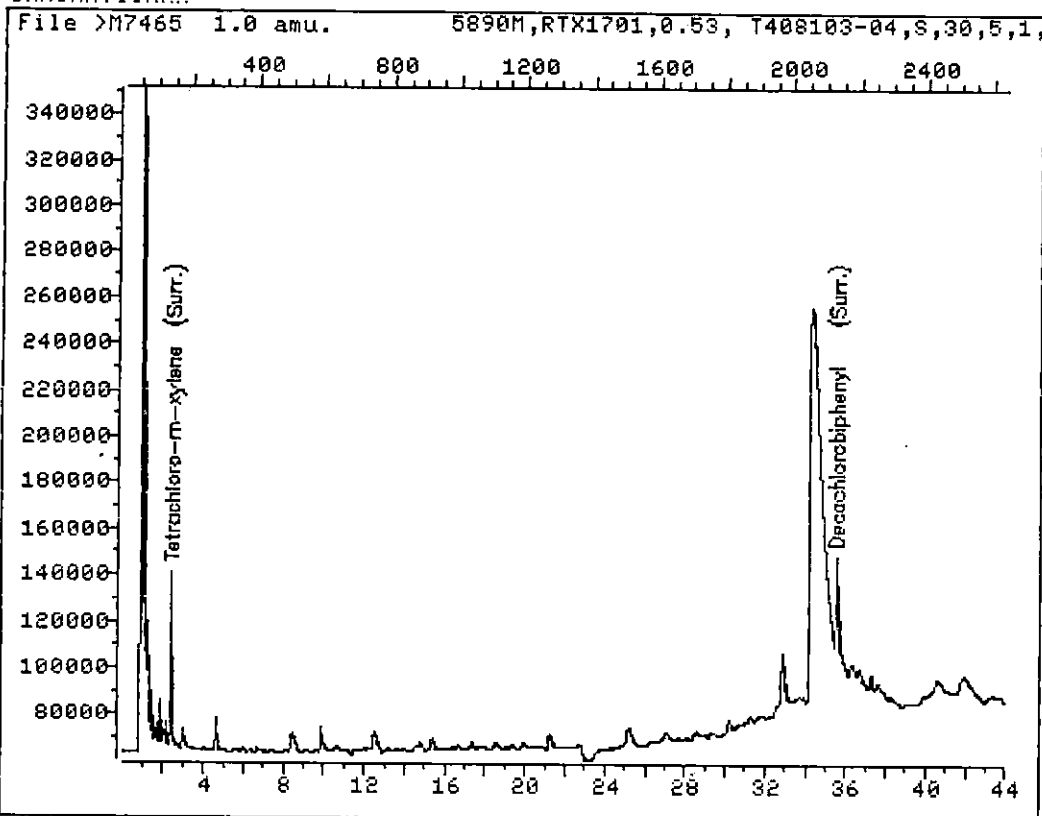
CONCENTRATION UNITS:

(ug/L or ug/kg) ug/L

319-84-6-----	alpha-BHC	1.810
319-85-7-----	beta-BHC	1.810
319-86-8-----	delta-BHC	1.810
58-89-9-----	gamma-BHC (Lindane)	1.810
76-44-8-----	Heptachlor	1.810
309-00-2-----	Aldrin	1.810
1024-57-3-----	Heptachlor epoxide	1.810
959-98-8-----	Endosulfan I	1.810
60-57-1-----	Dieldrin	3.510
72-55-9-----	4,4'-DDE	3.510
72-20-8-----	Endrin	3.510
33213-65-9-----	Endosulfan II	3.510
72-54-8-----	4,4'-DDD	3.510
1031-07-2-----	Endosulfan sulfate	3.510
50-29-3-----	4,4'-DDT	3.510
72-43-5-----	Methoxychlor	1810
53494-70-5-----	Endrin ketone	3.510
7421-93-4-----	Endrin aldehyde	3.510
5103-71-9-----	alpha-Chlordane	1.810
5103-74-2-----	gamma-Chlordane	1.810
8001-35-2-----	Ioxaphene	18010
12674-11-2-----	Aroclor 1016	3510
11104-28-2-----	Aroclor 1221	7010
11141-16-5-----	Aroclor 1232	3510
55469-21-9-----	Aroclor 1242	3510
12672-29-6-----	Aroclor 1248	3510
11097-69-1-----	Aroclor 1254	3510
11096-82-5-----	Aroclor 1260	3510

SDUP: 1/5.44

CHROMATOGRAM



Data File: >M7465::M1

Quant Output File: ^M7465::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: T408103-04,S,30,5,1,SD-4,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940825 09:56

Injected at: 940825 05:39

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940825 09:56

Output File: ^M7465::QT

Injected at: 940825 05:39

Data File: >M7465::M1

Dilution Factor: 1.00000

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: T408103-04,S,30,5,1,SD-4,

Data File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

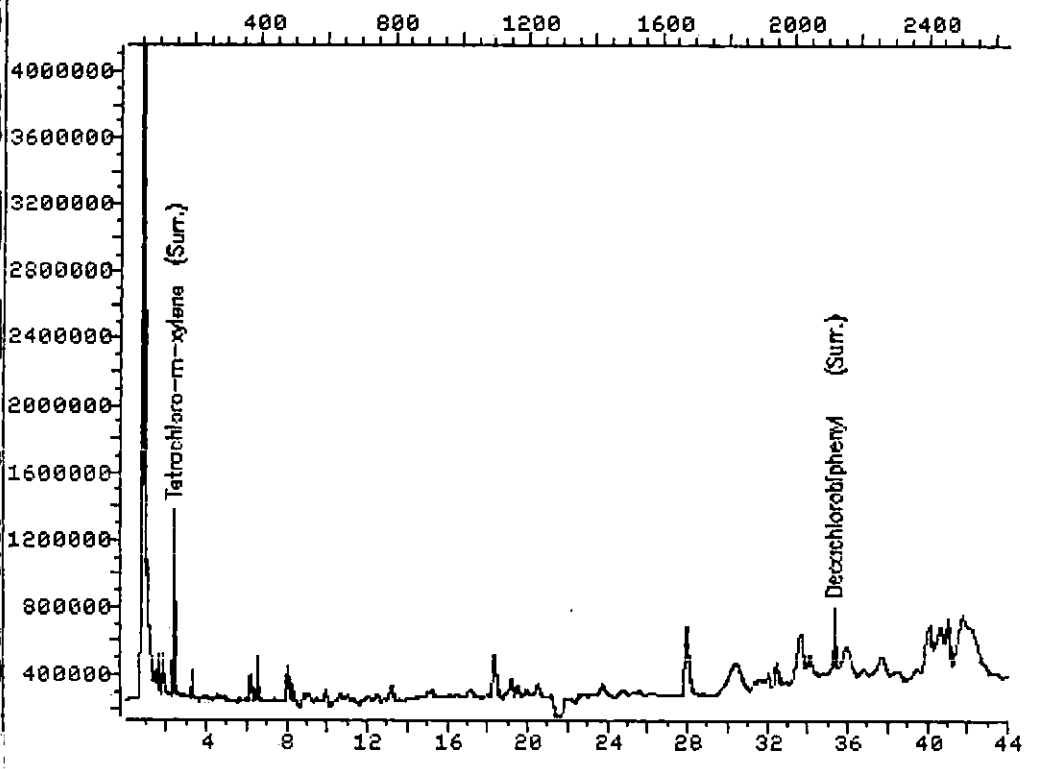
Last Qcal Time: 940823 21:42

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)		2.37	142	228295	.0826	NG	100
11)	#Decachlorobiphenyl (Surr.)		35.48	2129	262277	.0594	NG	100

Compound uses ESTD

CHROMATOGRAM

File >N7465 1.0 amu. 5890N,RTX5,0.53, T408103-04,S,30,5,1,



Data File: >N7465::M1
Name: 5890N,RTX5,0.53,
Misc: T408103-04,S,30,5,1,SD-4,

Quant Output File: ^N7465::QT
Instrument ID: N

Id File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Operator ID: MANAGER
Quant Time : 940825 09:58
Injected at: 940825 05:39

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7465::QT
Data File: >N7465::M1
Name: 5890N,RTX5,0.53,
Misc: T408103-04,S,30,5,1,SD-4,

Quant Rev: 7 Quant Time: 940825 09:58
 Injected at: 940825 05:39
Dilution Factor: 1.00000
Instrument ID: N

File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)		2.33	140	3214280	.0676	NG	100
11)	#Decachlorobiphenyl (Surr.)		35.28	2117	3168730	.0651	NG	100

Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSDAP SAMPLE ID

Lab Name: LRI

Contract:

150-5

Lab Code: LRI

CASE No.: 08103

SAS No.:

SDS No.: 810301

Matrix: (soil/water) SOIL

Lab Sample ID: 1408103-05

Sample wt/vol: 30 (g/ml) G

Lab File ID: >M2466

% Moisture: 6 decanted: (Y/N) N

Date Received: 08/09/94

Extraction: (Seph/Cont/Sond) SOND

Date Extracted: 08/11/94

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/25/94

Injection Volume: 2 (uL)

Dilution Factor: 1

SFC Cleanup: (Y/N) Y pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/kg G

CAS NO.

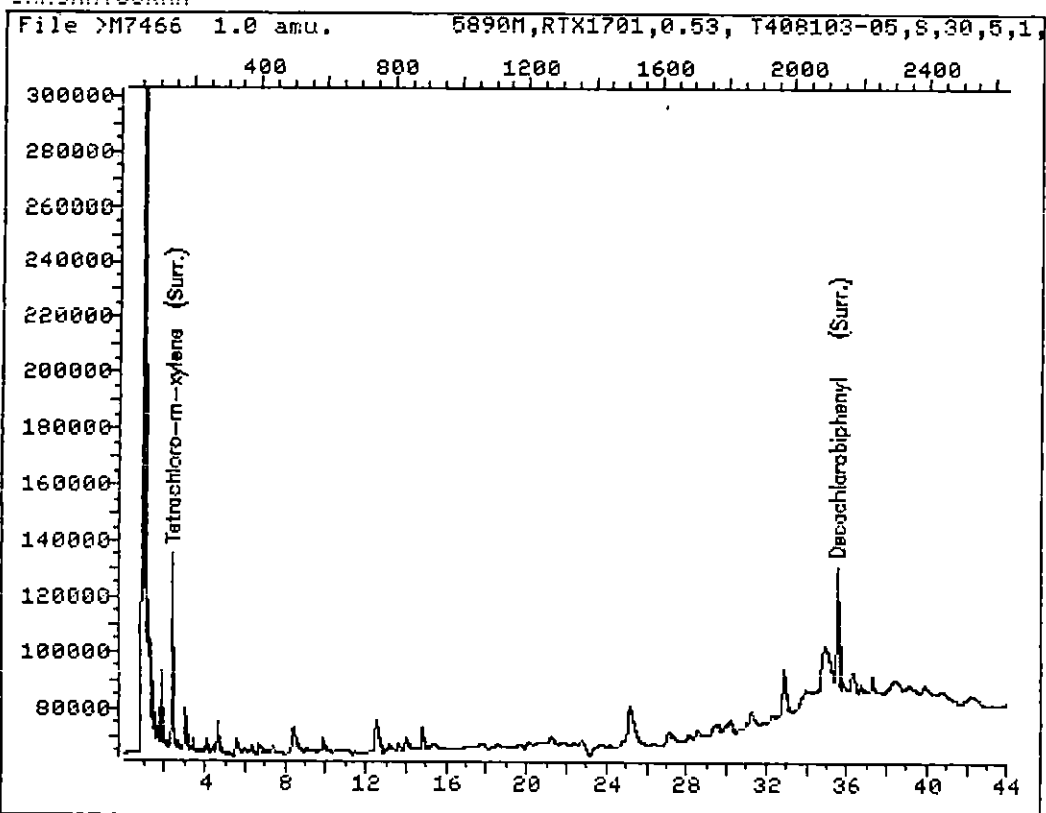
COMPOUND

319-84-6-----	alpha-BHC	1.810
319-85-7-----	beta-BHC	1.810
319-86-8-----	delta-BHC	1.810
58-89-9-----	gamma-BHC (Lindane)	1.810
76-44-8-----	Heptachlor	1.810
309-00-2-----	Aldrin	1.810
1024-52-3-----	Heptachlor epoxide	1.810
959-98-8-----	Endosulfan I	1.810
60-57-1-----	Dieldrin	3.510
72-55-9-----	4,4'-DDE	3.510
72-20-8-----	Endrin	3.510
33213-65-9-----	Endosulfan II	3.510
72-54-8-----	4,4'-DDD	3.510
1051-97-8-----	Endosulfan sulfate	3.510
50-29-3-----	4,4'-DDT	3.510
72-43-5-----	Methoxychlor	1810
55494-70-5-----	Endrin ketone	3.510
7421-95-4-----	Endrin aldehyde	3.510
5103-71-9-----	alpha-Chlordane	1.810
5103-74-2-----	gamma-Chlordane	1.810
8001-35-2-----	Ioxaphene	18010
12674-11-2-----	Aroclor 1016	3510
11104-28-2-----	Aroclor 1221	7110
11141-16-5-----	Aroclor 1232	3510
53459-21-9-----	Aroclor 1242	3510
12672-29-6-----	Aroclor 1248	3510
11077-69-1-----	Aroclor 1254	3510
11096-82-5-----	Aroclor 1260	3510

SAR: 1.22.30

509

CHROMATOGRAM



Data File: >M7466::M1
 Name: 5890M,RTX1701,0.53,
 Misc: T408103-05,S,30,5,1,SD-5,

Quant Output File: ^M7466::QT
 Instrument ID: M

Id File: IDM390::SC
 Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
 Last Calibration: 930215 09:47 Last Qcal Time: 940823 21:42

Operator ID: MANAGER
 Quant Time : 940825 09:59
 Injected at: 940825 06:30

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940825 09:59

Output File: ^M7466::QT

Injected at: 940825 06:30

Data File: >M7466::M1

Dilution Factor: 1.00000

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: T408103-05,S,30,5,1,SD-5,

Data File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

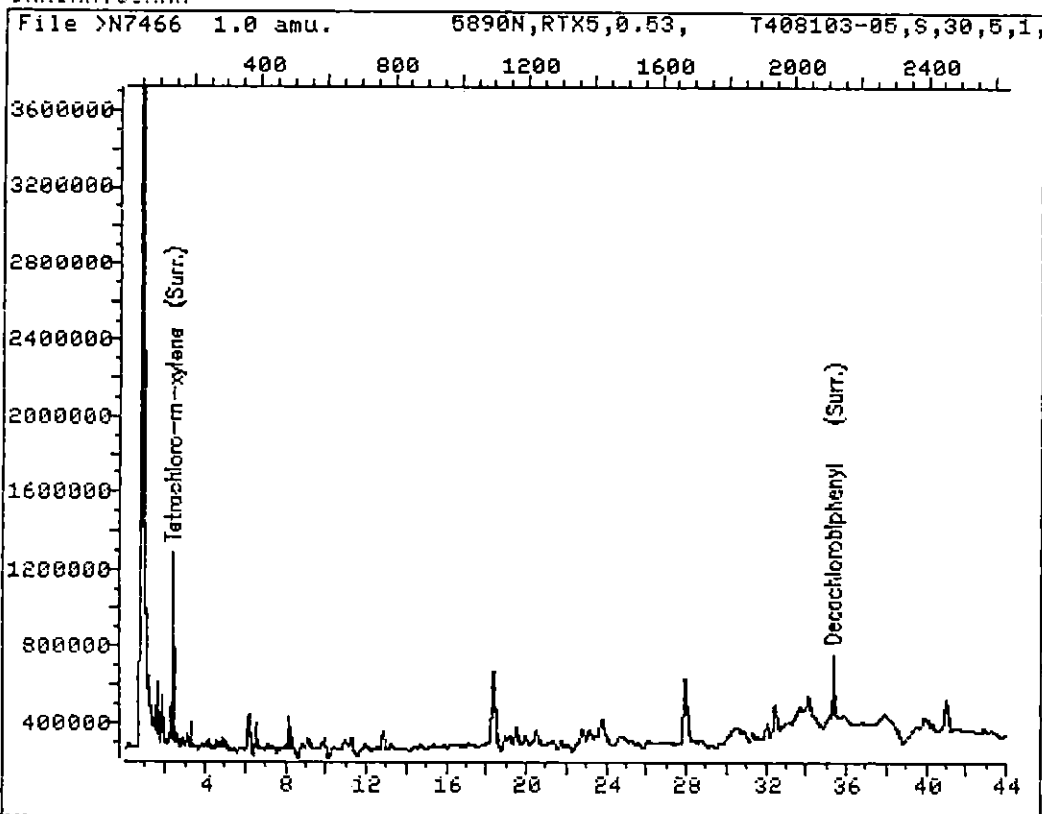
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)		2.37	142	219645	.0795	NG	100
11)	#Decachlorobiphenyl (Surr.)		35.48	2129	294591	.0667	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7466::M1
Name: 5890N,RTX5,0.53,
Misc: T408103-05,S,30,5,1,SD-5,

Quant Output File: ^N7466::QT
Instrument ID: N

Id File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Operator ID: MANAGER
Quant Time : 940825 09:59
Injected at: 940825 06:30

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7466::QT
Data File: >N7466::M1
Name: 5890N,RTX5,0.53,
Misc: T408103-05,S,30,5,1,SD-5,

Quant Rev: 7 Quant Time: 940825 09:59
 Injected at: 940825 06:30
Dilution Factor: 1.00000
Instrument ID: N

File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION

Last Qcal Time: 940823 22:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.33	140	2865906	.0603	NG	100
1)	#Decachlorobiphenyl (Surr.)	35.28	2117	2358027	.0484	NG	100

Compound uses ESTD

10
PESTICIDE ORGANIC ANALYSIS DATA SHEET

ANALYSED SAMPLE NO.

150-6

Lab Name: LRI

Contract:

Lab Code: LRI

CASE No.: 08103

SAS No.:

SUG No.: 810301

Matrix: (soil/water) SOIL

Lab Sample ID: 1408103-06

Sample Wt/Vol: 30 (g/ml) G

Lab File ID: 28/467

% Moisture: 4 decanted: (Y/N) N

Date Received: 08/09/94

Extraction: (Seph/Lont/Sonc) SOIL

Date Extracted: 08/11/94

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/26/94

Injection Volume: 2 (uL)

Dilution Factor: 1

SFU Cleanup: (Y/N) Y

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

LAS NO.

COMPOUND

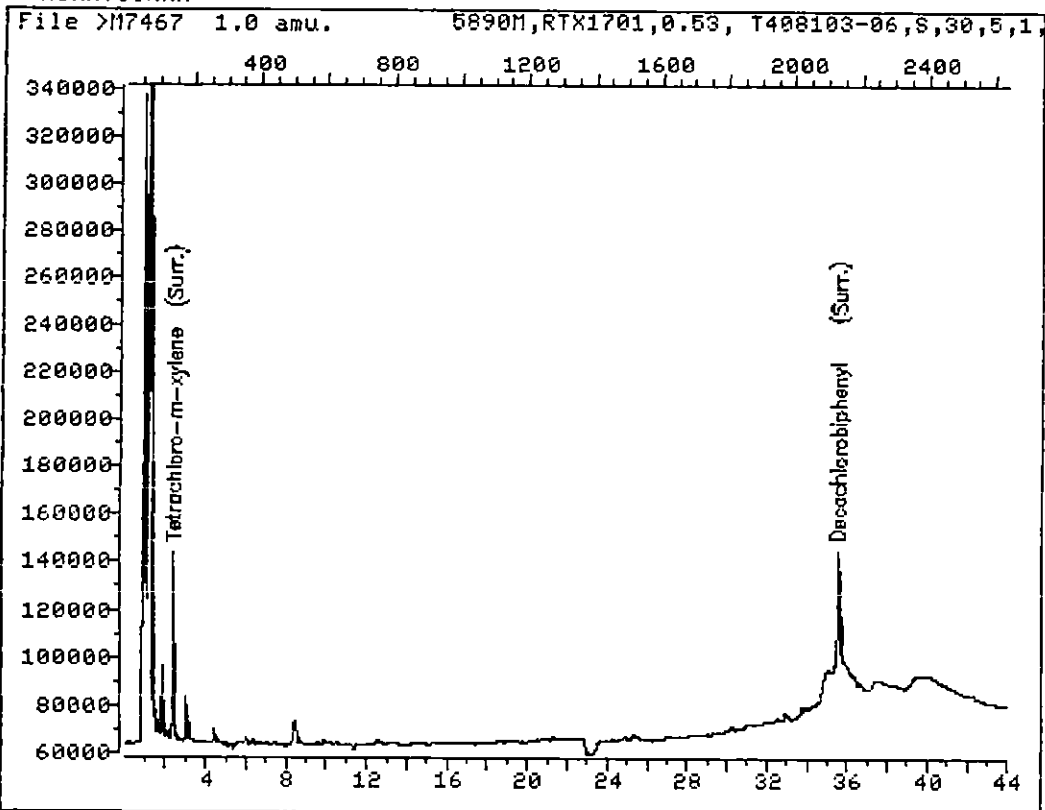
(ug/L or ug/kg) ug/L G

LAS NO.	COMPOUND	(ug/L or ug/kg) ug/L G
519-84-6-----	alpha-BHC	1.710
519-85-7-----	beta-BHC	1.710
519-86-8-----	delta-BHC	1.710
58-89-9-----	gamma-BHC (Lindane)	1.710
76-44-8-----	Heptachlor	1.710
109-00-2-----	Aldrin	1.710
1024-97-3-----	Heptachlor epoxide	1.710
559-98-8-----	Endosulfan I	1.710
60-57-1-----	Dieldrin	3.510
72-69-9-----	4,4'-DDE	3.510
72-20-8-----	Endrin	3.510
33213-85-9-----	Endosulfan II	3.510
72-64-8-----	4,4'-DDD	3.510
1051-07-8-----	Endosulfan sulfate	3.510
59-27-3-----	4,4'-DDT	3.510
72-43-7-----	Permethrin	1.710
53494-70-5-----	Endrin ketone	3.510
7421-93-4-----	Endrin aldehyde	3.510
5103-71-9-----	alpha-Chlordane	1.710
5103-74-2-----	gamma-Chlordane	1.710
8001-35-2-----	toxaphene	12010
12674-11-2-----	Aroclor 1016	3510
11104-28-2-----	Aroclor 1221	6910
11141-16-5-----	Aroclor 1252	3510
53459-21-9-----	Aroclor 1242	3510
12672-29-6-----	Aroclor 1248	3510
11092-69-1-----	Aroclor 1254	3510
11096-82-5-----	Aroclor 1260	3510

SUM: 175.61

514

CHROMATOGRAM



Data File: >M7467::M1
 Name: 5890M,RTX1701,0.53,
 Misc: T408103-06,S,30,5,1,SD-6,

Quant Output File: ^M7467::QT
 Instrument ID: M

Id File: IDM390::SC
 Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
 Last Calibration: 930215 09:47 Last Qcal Time: 940823 21:42

Operator ID: MANAGER
 Quant Time : 940825 10:01
 Injected at: 940825 07:21

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7467::QT
Data File: >M7467::M1
Name: 5890M,RTX1701,0.53,
Misc: T408103-06,S,30,5,1,SD-6,

Quant Rev: 7 Quant Time: 940825 10:01
 Injected at: 940825 07:21
Dilution Factor: 1.00000
Instrument ID: M

File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

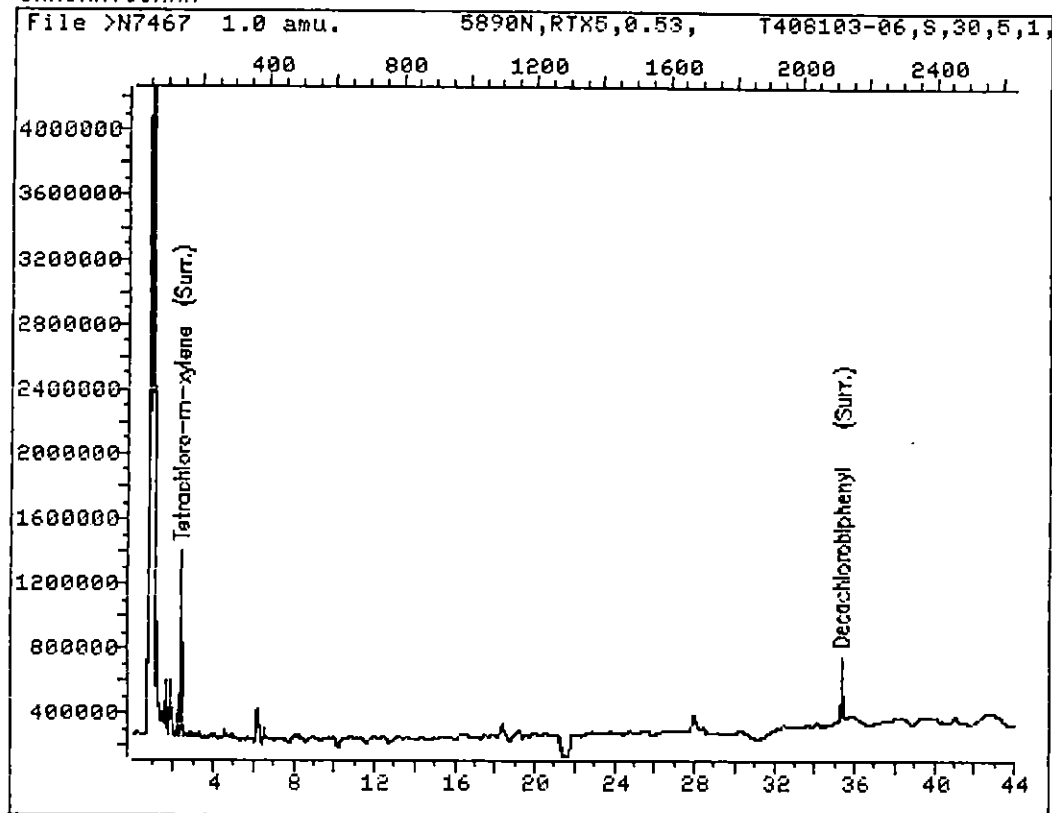
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	237927	.0861	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.48	2129	489236	.111	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7467::M1
Name: 5890N,RTX5,0.53,
Misc: T408103-06,S,30,5,1,SD-6,

Quant Output File: ^N7467::QT
Instrument ID: N

Id File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Operator ID: MANAGER
Quant Time : 940825 10:02
Injected at: 940825 07:21

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7467::QT
Data File: >N7467::M1
Time: 5890N, RTX5, 0.53,
Misc: T408103-06, S, 30, 5, 1, SD-6,

Quant Rev: 7 Quant Time: 940825 10:02
 Injected at: 940825 07:21
Dilution Factor: 1.00000
Instrument ID: N

File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION

Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	3583892	.0754	NG	100
11) #Decachlorobiphenyl (Surr.)	35.28	2117	2828965	.0581	NG	100

Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSED SAMPLE ID

IFLD BLK

Lab Name: LRI

Contract:

Lab Code: LRI

CASE No.: 08103

SAS No.:

SDS No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: 1408103-02

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: >M/460

% Moisture: decanted: (Y/N) N

Date Received: 08/09/94

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 08/11/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/25/94

Injection Volume: 2 (uL)

Dilution Factor: 1

PC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/kg) ug/L

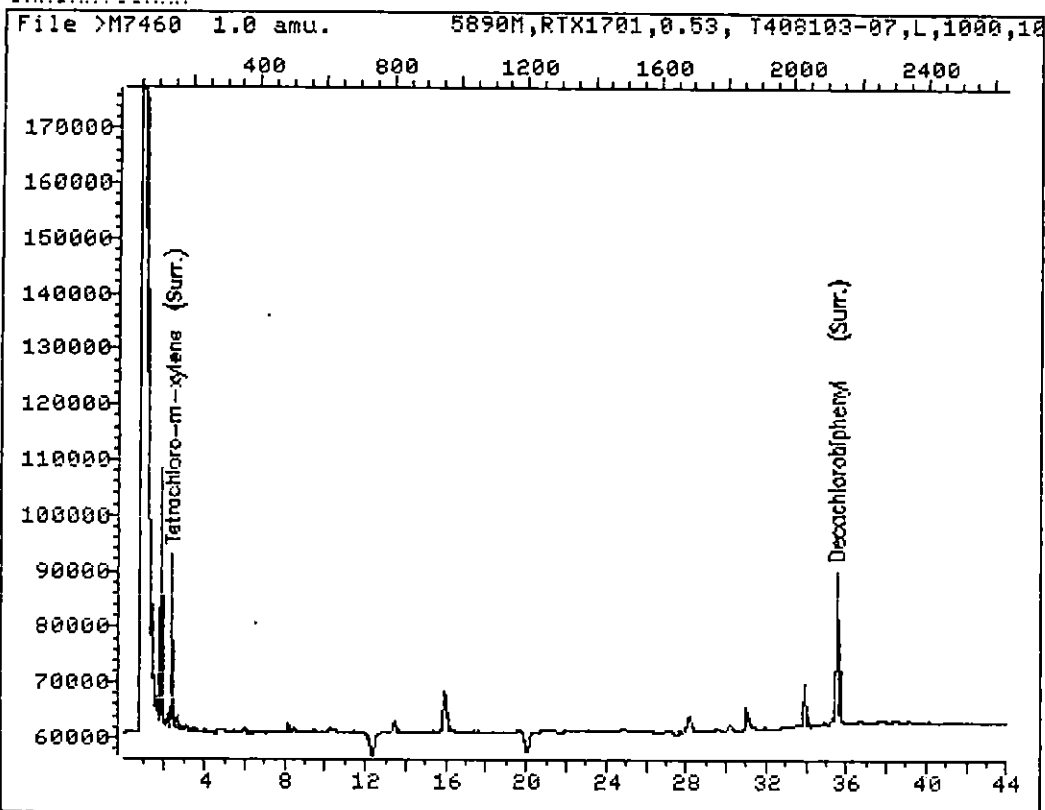
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319-84-6-----	alpha-BHC	.05000
319-85-7-----	beta-BHC	.05000
319-86-8-----	delta-BHC	.05000
58-89-9-----	gamma-BHC (Lindane)	.05000
76-44-8-----	Heptachlor	.05000
309-00-2-----	Aldrin	.05000
1024-52-3-----	Heptachlor epoxide	.05000
959-98-8-----	Endosulfan I	.05000
68-57-1-----	Dieldrin	.1000
72-55-9-----	4,4'-DDE	.1000
72-20-8-----	Endrin	.1000
30213-65-9-----	Endosulfan II	.1000
72-54-8-----	4,4'-DDD	.1000
1031-07-8-----	Endosulfan sulfate	.1000
50-29-3-----	4,4'-DDT	.1000
72-43-5-----	Methoxychlor	.5000
53494-70-5-----	Endrin ketone	.1000
7421-93-4-----	Endrin aldehyde	.1000
5103-71-9-----	alpha-Chlordane	.05000
5103-74-2-----	gamma-Chlordane	.05000
8001-35-2-----	Ioxaphene	5.000
12674-11-2-----	Aroclor 1016	1.000
11104-28-2-----	Aroclor 1221	2.000
11141-16-5-----	Aroclor 1232	1.000
53469-21-9-----	Aroclor 1242	1.000
12672-29-6-----	Aroclor 1248	1.000
11097-69-1-----	Aroclor 1254	1.000
11096-82-5-----	Aroclor 1260	1.000

SAVE: 5.00

519

CHROMATOGRAM



Data File: >M7460::M1

Quant Output File: ^M7460::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: T408103-07,L,1000,10,1,FLD BLK,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940825 09:46

Injected at: 940825 01:23

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940825 09:46
Output File: ^M7460::QT Injected at: 940825 01:23
Data File: >M7460::M1 Dilution Factor: 1.00000
Name: 5890M,RTX1701,0.53, Instrument ID: M
Misc: T408103-07,L,1000,10,1,FLD BLK,

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

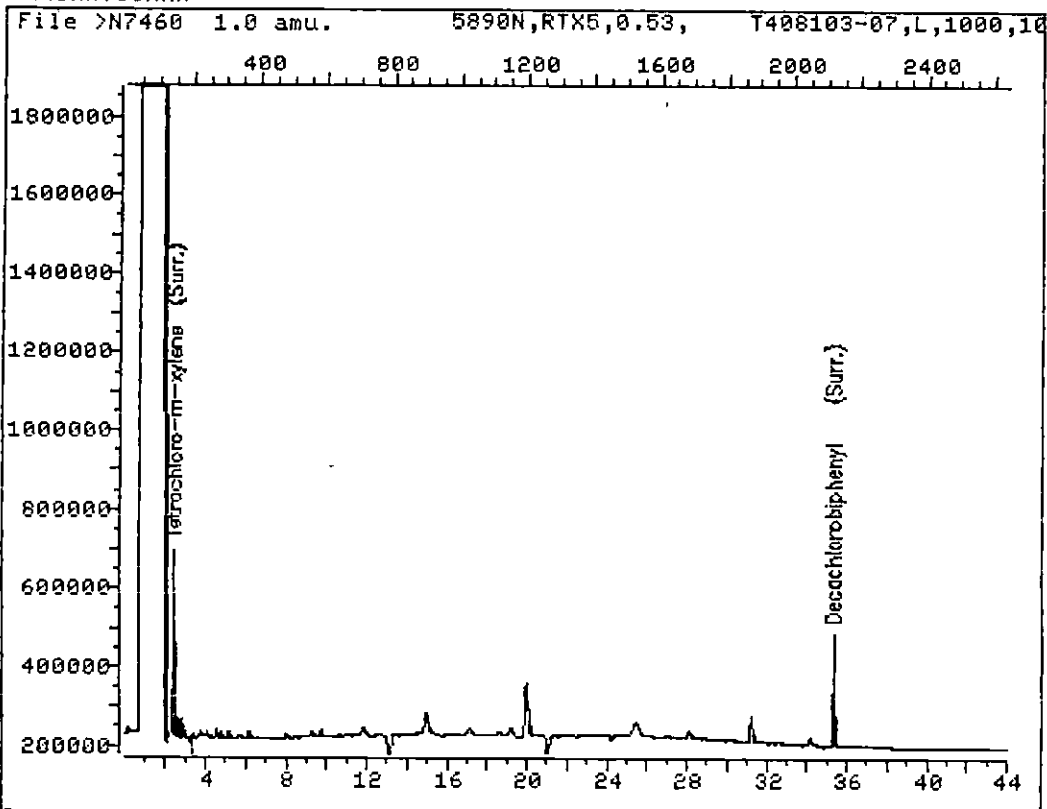
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.37	142	100239	.0363	NG	100
11) #Decachlorobiphenyl (Surr.)	35.47	2128	201937	.0458	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7460::M1

Quant Output File: ^N7460::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: T408103-07,L,1000,10,1,FLD BLK,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940825 09:47

Injected at: 940825 01:23

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7460::QT
Data File: ^N7460::M1

Quant Rev: 7 Quant Time: 940825 09:47
 Injected at: 940825 01:23
Dilution Factor: 1.00000
Instrument ID: N

Name: 5890N,RTX5,0.53,
Misc: T408103-07,L,1000,10,1,FLD BLK,

File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)		2.33	140	1586108	.0334	NG	100
11)	#Decachlorobiphenyl (Surr.)		35.27	2116	1979594	.0407	NG	100

Compound uses ESTD

A.P. G.P.C 1000 LOG Records

CALIBRATION

8-8-94

Position:

1. - Blank

2. - Blank / yk

PEST / PCB

3. - Arochlor

4. - Blank

BNA

SIGNEDDATE

GC

William J. Jacobs

8-8-94

GC/MS

Hewitt

8/8/94

A.P. GPC 1000 LOG Record

ASP Pest-PCB soil → QCG-7385

ASP BNA SOIL → QCG-7383

Position:

BNA

1. - Blank - 02

2. - T408103 - 01

3. - T408103 - 02

4. - -03

5. - -04

6. - -05

7. - -06

8. - Blank - 02

9. - T408103 Blank/Spike

10. - T407140 - 01 (MS)

11. - T407140 - 01 (MSD)

12. - T407140 - 01

13. - Rinse (mecl₂), Blank pest-PCB

14. - T408103 - 01

15. - -02

16. - -03

17. - -04

18. - -05

19. - -06

Pest-PCB

Note * GPC stopped in the sample number T408103-04 and samples T408103-04 T408103-05 T408103-06 were runned after ABC service repaired by 8/16/94.

Continued on Page

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Read and Understood By

Meriam Mervels

8/15/94

Meriam Mervels

8/15/94

GPC 1000 Standards

DATE Performed : 8/8/94

INPUT : 10 MV

Speed : 20 CM/min

Range : 10 (AUFs)

Rise time : 0.3 Sec.

Results

Dump time : 24 min

Collect time : 24 min

Wash time : 12 min

Continued on Page _____

William Mercedes

Signed

8/8/94

Date

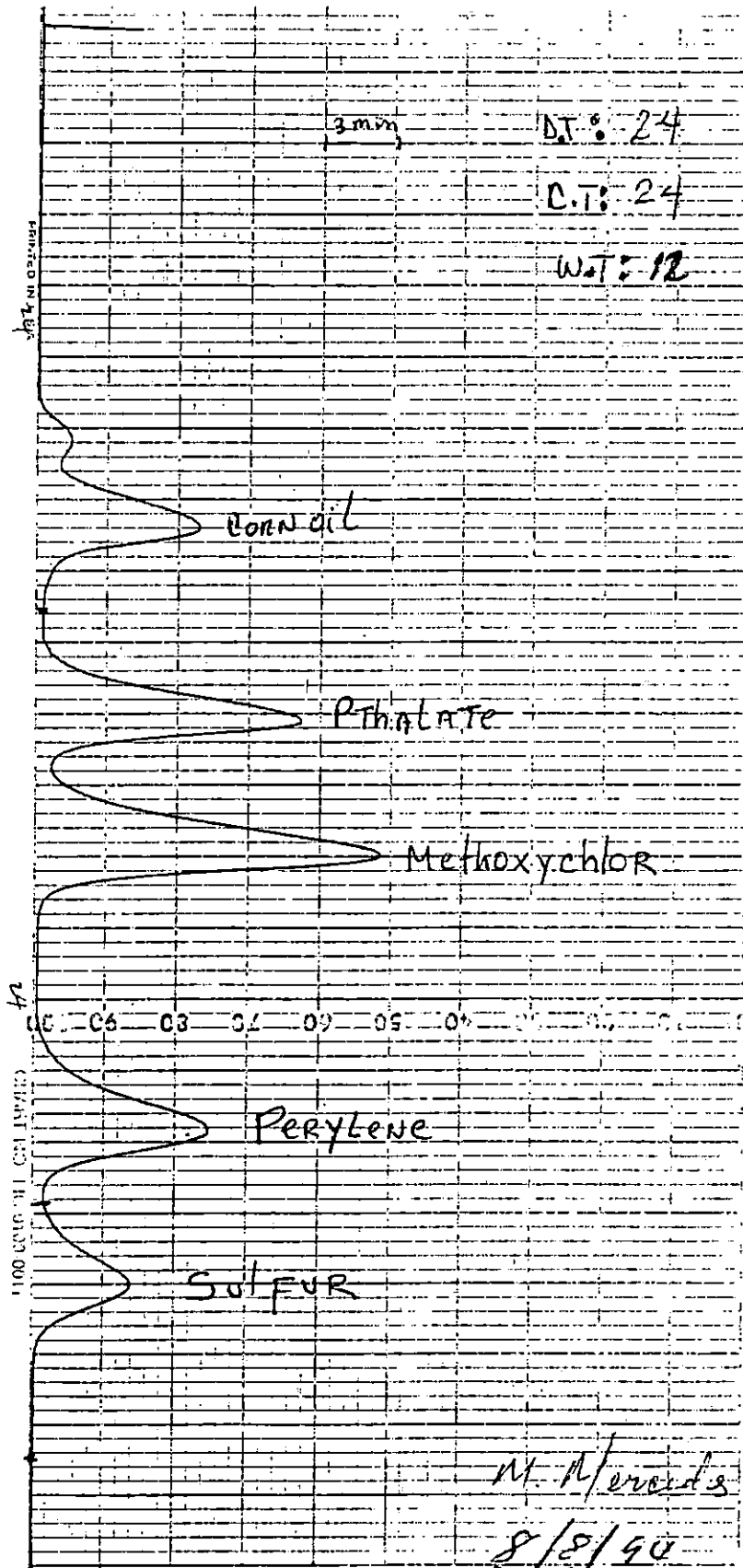
Read and Understood By

W. Mercedes

Signed

526

8/8/94



Continued on Page _____

M. Mercedes
Signed

8/8/94
Date

Read and Understood By

Miriam Mercedes
Signed

527
8/8/94
Date

60
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYSES

Contract:

Lab Name: LRI

Case No.: 08103 SAS No.:

SOG No.: 810301

Instrument ID: 5890M Level (x low): low 1.0 mid 4.0 high 16.0

GC COLUMN: RFX1701 ID: 0.53 (mm) Date(s) Analyzed: 08/23/94 08/24/94

COMPOUND	RT OF STANDARDS			RT		
	MEAN	RT	FWHM	RT	FWHM	TU
=====	=====	=====	=====	=====	=====	=====
alpha-BHC	3.881	3.881	3.881	3.881	3.881	3.931
beta-BHC	8.581	8.581	8.581	8.581	8.581	8.631
delta-BHC	9.771	9.771	9.771	9.771	9.771	9.821
gamma-BHC (Lindane)	4.981	4.981	4.981	4.981	4.981	5.031
Heptachlor	5.621	5.681	5.681	5.681	5.631	5.731
Aldrin	6.701	6.701	6.701	6.701	6.701	6.751
Heptachlor epoxide	10.621	10.631	10.631	10.631	10.631	10.701
Endosulfan I	12.401	12.421	12.421	12.421	12.421	12.481
Dieldrin	15.081	15.101	15.101	15.101	15.091	15.161
4,4'-DDE	14.801	14.801	14.801	14.801	14.731	14.871
Endrin	16.521	16.581	16.581	16.581	16.511	16.651
Endosulfan II	20.681	20.701	20.701	20.691	20.621	20.761
4,4'-DDD	21.221	21.281	21.271	21.271	21.201	21.341
Endosulfan sulfate	22.851	22.851	22.851	22.851	22.781	22.921
4,4'-DDT	22.621	22.631	22.621	22.621	22.551	22.691
Methoxychlor	29.291	29.271	29.291	29.261	29.191	29.331
Endrin ketone	30.131	30.131	30.131	30.131	30.061	30.201
Endrin aldehyde	24.751	24.751	24.751	24.751	24.681	24.821
alpha-Chlordane	15.621	15.621	15.621	15.621	15.551	15.691
gamma-Chlordane	15.121	15.121	15.121	15.121	15.051	15.191
=====	=====	=====	=====	=====	=====	=====
tetrachloro-m-xylene	2.371	2.371	2.371	2.371	2.371	2.421
bacchiorobiphenyl	35.451	35.471	35.471	35.471	35.461	35.561

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Bacchiorobiphenyl.

6E
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: LPI Contract:
 Lab Code: LRI Case No: 08103 SAS No.: SUG No.: 810301
 Instrument ID: 5890M Level (x low): 1.0 mid 4.0 high 16.0
 GC Column: RTX1701 ID: 0.53 (mm) Date(s) Analyzed: 08/23/94 08/24/94

COMPOUND	CALIBRATION FACTORS				%RSD
	LOW	MID	HIGH	MEAN	
alpha-BHC	36647001	43086001	47824631	42519111	13.191
beta-BHC	23952001	22168001	20565501	22228501	7.621
delta-BHC	34087001	39042001	45806501	39645161	14.841
gamma-BHC (Lindane)	34255001	38111751	42397251	38254671	10.651
Heptachlor	29240001	29386001	31656501	30094161	4.501
Aldrin	43151001	46094001	46331251	45192091	3.921
Heptachlor epoxide	47735001	46531751	46054501	46723751	1.851
Endosulfan I	45251001	45147751	45148001	45348921	1.211
Dieldrin	38611501	41306381	42970161	40962681	5.371
4,4'-DDE	36616001	38222001	40079921	38305991	4.531
Endrin	33952001	35096001	36618471	35222161	3.801
Endosulfan II	42599501	40865001	38244901	40569801	5.401
4,4'-DDD	24444001	26011881	29397031	26617631	9.511
Endosulfan sulfate	34280001	32498001	30731921	32503331	5.461
4,4'-DDT	22580001	25832881	29871251	26094711	14.001
Methoxychlor	13583101	13218601	12221271	13007661	5.421
Endrin ketone	38879501	38202881	35837811	37640061	4.241
Endrin aldehyde	32940001	29371001	26496281	29502431	10.901
alpha-Chlordane	49026001	48767251	47630751	48474671	1.531
gamma-Chlordane	48695001	46411751	45971881	47026211	3.111
tetrachloro-m-xylene	29193001	27644251	26330061	27722441	5.171
Decachlorobiphenyl	51827501	44428001	36923591	44393151	16.791

Surrogate calibration factors are measured from Standard Mix A analyses.

%RSD must be less than or equal 20.0 % for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: LRI

Contract:

Lab Code: LRI

Case No.: 08103

SAS No.:

SUG No.: 810301

Instrument ID: 5890N Level (x low): low 1.0 mid 4.0 high 16.0

GC COLUMN: RTX5 ID: 0.53 (mm) Date(s) Analyzed: 08/23/94 08/24/94

COMPOUND	RT OF STANDARDS			MEAN	RT WINDOW	
	LOW	MID	HIGH	RT	FROM	TO
alpha-BHC	2.871	2.871	2.871	2.871	2.821	2.921
beta-BHC	3.321	3.321	3.321	3.321	3.271	3.371
delta-BHC	3.921	3.921	3.931	3.921	3.871	3.971
gamma-BHC (Lindane)	3.431	3.431	3.431	3.431	3.381	3.481
Heptachlor	5.221	5.221	5.221	5.221	5.171	5.271
Aldrin	6.471	6.471	6.471	6.471	6.421	6.521
Heptachlor epoxide	8.381	8.381	8.381	8.381	8.311	8.451
Endosulfan I	10.551	10.571	10.581	10.571	10.501	10.641
Dieldrin	12.381	12.401	12.421	12.401	12.351	12.471
4,4'-DDE	12.721	12.731	12.731	12.731	12.681	12.801
Endrin	13.881	13.921	13.921	13.911	13.841	13.981
Endosulfan II	14.671	14.681	14.681	14.681	14.611	14.751
4,4'-DDD	15.901	15.921	15.921	15.911	15.841	15.981
Endosulfan sulfate	18.031	18.051	18.051	18.041	17.971	18.111
4,4'-DDT	18.821	18.831	18.831	18.831	18.761	18.901
methoxychlor	24.671	24.701	24.701	24.691	24.621	24.761
Endrin ketone	21.521	21.531	21.531	21.531	21.461	21.601
Endrin aldehyde	16.181	16.201	16.201	16.191	16.121	16.261
alpha-Chlordane	10.851	10.851	10.851	10.851	10.781	10.921
gamma-Chlordane	9.801	9.801	9.801	9.801	9.731	9.871
tetrachloro-m-xylene	2.331	2.331	2.331	2.331	2.281	2.381
Decachlorobiphenyl	35.251	35.271	35.271	35.261	35.181	35.361

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

SE
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: LRI Contract:
 Lab Code: LRI Case No: 08102 SAS No.: SUG No.: 810301
 Instrument ID: 5890N Level (x low): 1.0 mid 4.0 high 16.0
 GC Column: RIX5 ID: 0.53 (mm) Date(s) Analyzed: 08/23/94 08/24/94

COMPOUND	CALIBRATION FACTORS				%RSD
	LOW	MID	HIGH	MEAN	
alpha-BHC	706048961	699709441	656093761	687284001	3.961
beta-BHC	362880001	311457261	257169401	310502401	17.021
delta-BHC	803332001	776756961	688896161	76328481	21.421
gamma-BHC (Lindane)	657229001	646243281	596567261	636863041	5.731
Heptachlor	815810081	717411201	625940001	719720481	13.191
Dieldrin	772600961	715908321	619243761	704251041	11.331
Heptachlor epoxide	855558081	761732001	625530161	747540161	15.491
Endosulfan I	804958961	727449441	626270881	719569761	12.411
Chlordane	734340961	684636161	589477761	669485041	11.701
4,4'-DDE	815429441	709870081	599118001	708123201	15.251
Endrin	677027521	628437281	534548801	615337421	11.811
Endosulfan II	788298081	671998721	528703921	663000321	12.611
4,4'-DDD	574273521	551616001	497885681	541255041	7.251
Endosulfan sulfate	727255041	640006161	498486801	621915921	18.561
4,4'-DDT	695088001	633142801	548040161	625423681	11.801
Methoxychlor	348881121	274958561	192379601	273739801	27.681
Endrin ketone	975504481	780965121	587154641	781208161	24.661
Endrin aldehyde	515571041	454382241	352569921	440174401	18.501
alpha-Chlordane	902160961	799975841	677272321	793136481	14.201
gamma-Chlordane	911812961	798791201	682483521	797695841	14.371
tetrachloro-m-xylene	525633041	475339761	407074161	469349041	12.681
Decachlorobiphenyl	633556001	486845281	389491601	503297601	24.411

Surrogate calibration factors are measured from Standard Mix A analyses.

%RSD must be less than or equal 20.0 % for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: LRI

Contract:

Lab Code: LRI

Case No.:

SAS No.:

SUS No.:

Instrument ID: 5890M

Date(s) Analyzed: 08/23/94 08/24/94

GC Column: RTX1201 ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM TO	CALIBRATION FACTOR
=====					
Toxaphene	1.0	1	24.40	24.33 24.47	70520
		2	26.37	26.30 26.44	70956
		3	27.15	26.98 27.12	59451
Aroclor 1016	.2	1	3.18	3.11 3.25	57585
		2	4.05	3.98 4.12	113155
		3	5.40	5.33 5.47	219905
		4	5.88	5.81 5.95	111590
Aroclor 1221	.4	5	6.30	6.23 6.37	75435
		1	1.87	1.80 1.94	35540
		2	2.22	2.15 2.29	3280
		3	2.55	2.48 2.62	15775
		4	2.82	2.75 2.89	43071
Aroclor 1252	.2	5	3.18	3.11 3.25	98097
		1	3.18	3.11 3.25	76135
		2	4.05	3.98 4.12	62120
		3	5.40	5.33 5.47	115280
		4	5.90	5.83 5.97	57835
Aroclor 1242	.2	5	6.30	6.23 6.37	37075
		1	3.18	3.11 3.25	55190
		2	4.05	3.98 4.12	90075
		3	5.40	5.33 5.47	184640
		4	5.88	5.81 5.95	90435
Aroclor 1248	.2	5	6.30	6.23 6.37	60000
		1	5.40	5.33 5.47	144275
		2	6.57	6.50 6.64	88080
		3	7.98	7.91 8.05	150635
		4	8.55	8.48 8.60	329320
Aroclor 1254	.2	5	10.48	10.41 10.55	14550
		1	14.42	14.35 14.49	104480
		2	15.30	15.23 15.37	212555
		3	17.28	17.21 17.35	161200
		4	18.45	18.38 18.52	95595
Aroclor 1260	.2	5	21.18	21.11 21.25	21950
		1	15.45	15.38 15.52	209600
		2	19.20	19.13 19.27	100055
		3	19.77	19.70 19.84	91675
		4	21.17	21.10 21.24	304455
		5	27.65	27.58 27.72	35000

* Denotes required peaks

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: LRI

Contract:

Lab Code: LRI

Case No.:

SAS No.:

SUS No.:

Instrument ID: 589UN

Date(s) Analyzed: 08/23/94 08/24/94

GC Column: RTX5

ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM TO	CALIBRATION FACTOR
Toxaphene	1.0	1	18.701	18.651 18.771	19989191
		2	25.621	25.551 25.691	17021181
		3	27.431	27.161 27.501	11916191
Aroclor 1016	.2	1	3.571	3.501 3.641	21927451
		2	4.001	3.931 4.071	13895051
		3	4.701	4.631 4.771	42275501
		4	5.021	4.951 5.091	19021351
Aroclor 1221	.4	5	5.251	5.181 5.321	12396801
		1	1.791	1.651 1.771	5199251
		2	2.051	1.981 2.121	1433901
		3	2.571	2.501 2.641	7072401
		4	2.721	2.651 2.791	5593701
Aroclor 1232	.2	5	2.821	2.751 2.891	16215951
		1	2.821	2.751 2.891	12822701
		2	3.581	3.511 3.651	13421601
		3	4.001	3.931 4.071	7580891
		4	4.701	4.631 4.771	22816451
Aroclor 1242	.2	5	5.021	4.951 5.091	10228751
		1	2.821	2.751 2.891	9507501
		2	3.581	3.511 3.651	18022401
		3	4.001	3.931 4.071	11612801
		4	4.701	4.631 4.771	35123351
Aroclor 1248	.2	5	5.021	4.951 5.091	15560251
		1	4.701	4.631 4.771	26707201
		2	7.251	7.181 7.321	26249301
		3	9.951	9.881 10.021	28371701
		4	13.681	13.611 13.751	15457601
Aroclor 1254	.2	5	15.071	15.001 15.141	13518151
		1	12.371	12.301 12.441	24476801
		2	13.101	13.031 13.171	40204851
		3	15.081	15.011 15.151	49241851
		4	17.031	16.961 17.101	50682151
Aroclor 1260	.2	5	19.021	18.951 19.091	48646601
		1	14.951	14.881 15.021	36166751
		2	16.921	16.851 16.991	53331201
		3	19.001	18.931 19.071	57091801
		4	25.381	25.311 25.451	75645951
		5	27.951	27.881 28.021	38710701

* Denotes required peaks

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PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: LPI Contract:
 Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301
 GC COLUMN (1): RIX1701 ID: 0.53(mm) Instrument ID (1): 5890M
 NYSDOL Sample No. (Standard 1): RES001 Lab Sample ID (1): RES001
 Date Analyzed: (1): 08/23/94 Time Analyzed (1): 12:21

ANALYTE	RI	RESOLUTION (%)
1,1,1-trichloro-2,2,4-trimethylbenzene (Surr.)	2.351	100
1,1-dichloro-2,2,4-trimethylbenzene	12.321	100
1,1-dichloro-2,2,4-trimethylbenzene	13.021	100
1,1,1-trichloro-2,2,4-trimethylbenzene	14.751	79
1,1-dichloro-2,2,4-trimethylbenzene	15.051	79
1,1-dichloro-2,2,4-trimethylbenzene sulfate	27.801	100
1-methoxychlor	29.221	100
1,1-dichloro-2,2,4-trimethylbenzene ketone	30.101	100
1,1-dichloro-2,2,4-trimethylbenzene (Surr.)	35.431	100

GC Column (2): RIX5 ID: 0.53(mm) Instrument ID (1): 5890M
 NYSDOL Sample No. (STANDARD 2): RES001 LAB Sample ID (2): RES001
 Date Analyzed (2): 08/23/94 Time Analyzed (2): 12:21

ANALYTE	RI	RESOLUTION (%)
1,1,1-trichloro-2,2,4-trimethylbenzene (Surr.)	2.321	100
1,1-dichloro-2,2,4-trimethylbenzene	9.731	100
1,1-dichloro-2,2,4-trimethylbenzene	10.501	100
1,1-dichloro-2,2,4-trimethylbenzene	12.331	90
1,1,1-trichloro-2,2,4-trimethylbenzene	12.651	90
1,1-dichloro-2,2,4-trimethylbenzene sulfate	17.921	100
1,1-dichloro-2,2,4-trimethylbenzene ketone	21.431	100
1-methoxychlor	24.581	100
1,1-dichloro-2,2,4-trimethylbenzene (Surr.)	35.221	100

Resolution of two adjacent peaks must be calculated as a percentage of the height of the smaller peak, and must be greater than or equal to 60.0%

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SOG No.: 810301

GC COLUMN: RTX1701 ID: 0.53 (mm) Initial Calib. Date(s) 08/23/94 08/24/94

PSDEC Sample No.(PIBLK): PIBLK01 Date Analyzed: 08/23/94

Lab Sample No.(PIBLK): PIBLK01 Time Analyzed: 11:30

PSDEC Sample No.(PEM): PEM01 Date Analyzed: 08/23/94

Lab Sample No.(PEM): PEM01 Time Analyzed: 13:12

PEM	RT	RT WINDOW	CALC	NUM	
COMPOUND	RT	FROM TO	AMOUNT	AMOUNT	RPD
			(ng)	(ng)	
=====	=====	=====	=====	=====	=====
alpha-BHC	3.87	3.83 3.93	.036	.020	21.00
beta-BHC	8.53	8.53 8.63	.021	.020	2.52
gamma-BHC (Lindane)	4.95	4.93 5.03	.019	.020	5.62
Endrin	16.52	16.51 16.65	.095	.100	4.65
4,4'-DDT	22.55	22.55 22.69	.195	.200	2.72
Methoxychlor	29.22	29.19 29.33	.438	.500	12.45

4,4 -DDT % breakdown (1): 3.3 Endrin % breakdown (1): 0.0

Combined % breakdown (1): 3.3

QC LIMITS

RPD of amounts in PEM must be less than or equal to 25.0%

4,4 -DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

70
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: LRI

Contract:

Lab Code: LRI

Case No.: 08102

SAS No.:

SOG No.: 810301

GC COLUMN: RTX5

ID: 0.53 (mm)

Initial Lab. Date(s) 08/23/94 08/24/94

DEUC Sample No.(PIBLK): PIBLK01

Date Analyzed: 08/23/94

Lab Sample No.(PIBLK): PIBLK01

Time Analyzed: 11:30

DEUC Sample No.(PEM): PEM01

Date Analyzed: 08/23/94

Lab Sample No.(PEM): PEM01

Time Analyzed: 13:12

PEM	RT	RT WINDOW	CALC	NOM	
COMPOUND	RT	FROM TO	AMOUNT	AMOUNT	RPD
			(ng)	(ng)	
alpha-BHC	2.821	2.821 2.921	.018	.020	111.9%
beta-BHC	3.281	3.221 3.321	.023	.020	115.5%
gamma-BHC (Lindane)	3.421	3.381 3.481	.019	.020	14.42
Endrin	15.831	15.841 15.981	.090	.100	110.04%
4,4'-DDT	18.751	18.761 18.901	.158	.200	120.91%
Methoxychlor	24.581	24.621 24.761	.418	.500	116.45%

4,4 -DDT % breakdown (1): 2.8 Endrin % breakdown (1): 3.3

Combined % breakdown (1): 6.1

QL LIMITS

RPD of amounts in PEM must be less than or equal to 25.0%

4,4 -DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

RESIDUE DETECTION VERIFICATION SUMMARY

70

Lab Name: LRI

Contact:

Lab Code: LRI

Case No.: 08105 CAS No.:

SUB No.: 810301

GC COLUMN: RIX101 ID: 0.5 (mm)

Initial Date: 08/23/94

Final Date: 08/23/94

Lab Sample No. (PRLK): PRLK02

Date Analyzed: 08/24/94

Lab Sample No. (PRLK): PRLK02

Date Analyzed: 08/24/94

Lab Sample No. (PRLK): PRLK02

Date Analyzed: 08/24/94

Lab Sample No. (PRLK): PRLK02

Date Analyzed: 08/24/94

PEM	RI WINDOW	LCALC	NUM
COMPOUND	RI	AMOUNT	AMOUNT
alpha-BHC	3.881	3.831	0.019
beta-BHC	8.601	8.531	0.024
gamma-BHC (Lindane)	4.981	4.931	0.022
Endrin	16.601	16.511	0.110
4,4'-DDT	22.631	22.591	0.232
Methoxychlor	29.221	29.191	0.504
			0.761

4,4'-DDT % breakdown (1): 2.6 Endrin % breakdown (1): 3.5

Combined % breakdown (1): 6.1

GC LIMITS

RIW of amounts in PEM must be less than or equal to 25.0%
 4,4'-DDT breakdown must be less than or equal to 20.0%
 Endrin breakdown must be less than or equal to 20.0%
 Combined breakdown must be less than or equal to 20.0%

FORM 011-LRP-RES1-1

3/90

70
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: LRI

Contract:

Lab Code: LRI

Case No.: 08103

SAS No.:

SOG No.: 810301

GC COLUMN: RTX5

ID: 0.53 (mm)

Initial Calib. Date(s) 08/23/94 08/24/94

PEEL Sample No.(PIBLK): PIBLK02

Date Analyzed: 08/24/94

Lab Sample No.(PIBLK): PIBLK02

Time Analyzed: 01:06

PEM Sample No.(PEM): PEM02

Date Analyzed: 08/24/94

Lab Sample No.(PEM): PEM02

Time Analyzed: 01:57

PEM	RT	RT WINDOW	CALC	NO1	
COMPOUND	PI	FROM TO	AMOUNT	AMOUNT	RPD
			(ng)	(ng)	
alpha-BHC	2.871	2.821 2.921	.020	.028	2.501
beta-BHC	3.321	3.271 3.371	.025	.020	125.841
gamma-BHC (Lindane)	3.431	3.381 3.481	.023	.023	114.021
Endrin	15.921	15.841 15.981	.104	.100	3.511
4,4'-DDT	18.861	18.761 18.961	.131	.200	9.361
Methoxychlor	24.721	24.621 24.761	.475	.500	4.961

4,4'-DDT % breakdown (1): 3.1 Endrin % breakdown (1): 6.2

Combined % breakdown (1): 9.9

QA LIMITS

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

70
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SUB No.: 810301

GC COLUMN: RTX1201 ID: 0.53 (mm) Initial Calib. Date(s) 08/23/94 08/24/94

ISDEL Sample No.(PIBLK): PIBLK04 Date Analyzed: 08/24/94

Lab Sample No.(PIBLK): PIBLK04 Time Analyzed: 23:41

ISDEL Sample No.(PEM): PEM05 Date Analyzed: 08/25/94

Lab Sample No.(PEM): PEM05 Time Analyzed: 00:52

PEM	RT	RT WINDOW	CALC	NLM	
COMPOUND	RT	FROM	TO	AMOUNT	AMOUNT
				(ng)	(ng)
=====	=====	=====	=====	=====	=====
alpha-BHC	3.90	3.83	3.93	.018	.020
beta-BHC	8.62	8.53	8.63	.023	.020
gamma-BHC (Lindane)	9.80	4.9	5.03	.021	.020
Endrin	16.62	16.51	16.65	.104	.100
4,4'-DDT	22.65	22.55	22.69	.208	.200
Methoxychlor	29.28	29.19	29.33	.464	.500

4,4 -DDT % breakdown (1): 3.5 Endrin % breakdown (1): 2.6

Combined % breakdown (1): 6.1

QC LIMITS

RPD of amounts in PEM must be less than or equal to 25.0%

4,4 -DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

70
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

GC COLUMN: RTX5 ID: 0.53 (mm) Initial Calib. Date(s) 08/23/94 08/24/94

YSUED Sample No.(PIBLK): PIBLK04 Date Analyzed: 08/24/94

Lab Sample No.(PIBLK): PIBLK04 Time Analyzed: 23:41

YSUED Sample No.(PEM): PEM03 Date Analyzed: 08/25/94

Lab Sample No.(PEM): PEM03 Time Analyzed: 00:02

PEM	RI	RI WINDOW	CALL	NOM	
COMPOUND	RI	FROM TO	AMOUNT	AMOUNT	RPD
			(ng)	(ng)	
alpha-BHC	2.82	2.82 2.92	.023	.020	15.45
beta-BHC	3.32	3.22 3.32	.024	.020	20.29
gamma-BHC (Lindane)	3.45	3.38 3.48	.025	.020	24.92
Endrin	15.93	15.84 15.98	.111	.100	10.78
4,4'-DDT	18.85	18.75 18.90	.152	.200	4.06
Methoxychlor	24.72	24.62 24.76	.496	.500	.72

4,4 -DDT % breakdown (1): 3.6 Endrin % breakdown (1): 8.6

Combined % breakdown (1): 12.2

QC LIMITS

RPD of amounts in PEM must be less than or equal to 25.0%

4,4 -DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 50.0%

RESIDUE EXTRACTION EFFICIENCY SUMMARY

Contract:

Lab Name: LRI

Case No.: 08103 SRS No.:

SUB No.: 81031

GC COLUMN: RIXI201 ID: 0.15 (mm) Initial (Lab. Detects): 08/24/94 0.0494

INJECT Sample No.(FIRK): FIRK05 Date Analyzed: 08/24/94

Lab Sample No.(FIRK): FIRK05 Time Analyzed: 13:05

INJECT Sample No.(INBR): INBR02 Date Analyzed: 08/24/94

Lab Sample No.(INBR): INBR02 Date Analyzed: 16:02

INDIVIDUAL MIX B	RT	RT WINDOW	LCALC	NVAL	COMPOUND	RT	RT WINDOW	LCALC	NVAL	COMPOUND
1	3.901	3.851	3.951	0.001	alpha-BHC	1	3.901	3.951	0.001	alpha-BHC
2	4.901	4.931	4.931	0.000	gamma-BHC (Lindane)	2	4.901	4.931	0.000	gamma-BHC (Lindane)
3	5.681	5.631	5.731	0.001	Heptachlor	3	5.681	5.731	0.001	Heptachlor
4	12.431	12.341	12.481	0.000	Endosulfan I	4	12.431	12.481	0.000	Endosulfan I
5	15.121	15.021	15.161	0.000	lindrin	5	15.121	15.161	0.000	lindrin
6	16.601	16.511	16.651	0.000	lindrin	6	16.601	16.651	0.000	lindrin
7	21.201	21.201	21.241	0.000	14,4-DDE	7	21.201	21.241	0.000	14,4-DDE
8	22.631	22.551	22.691	0.000	14,4-DDE	8	22.631	22.691	0.000	14,4-DDE
9	24.271	24.191	24.351	0.000	methoxychlor	9	24.271	24.351	0.000	methoxychlor
10	27.371	27.321	27.421	0.000	tetrachloro-m-xylene	10	27.371	27.421	0.000	tetrachloro-m-xylene
11	35.471	35.351	35.591	0.000	1,2-dichlorobiphenyl	11	35.471	35.591	0.000	1,2-dichlorobiphenyl

INDIVIDUAL MIX B	RT	RT WINDOW	LCALC	NVAL	COMPOUND	RT	RT WINDOW	LCALC	NVAL	COMPOUND
1	8.981	8.931	8.931	0.000	beta-BHC	1	8.981	8.931	0.000	beta-BHC
2	9.771	9.721	9.821	0.000	delta-BHC	2	9.771	9.821	0.000	delta-BHC
3	6.701	6.651	6.751	0.000	lindrin	3	6.701	6.751	0.000	lindrin
4	10.671	10.551	10.791	0.000	Heptachlor epoxide	4	10.671	10.791	0.000	Heptachlor epoxide
5	14.801	14.731	14.871	0.000	14,4-DDE	5	14.801	14.871	0.000	14,4-DDE
6	20.681	20.621	20.761	0.000	Endosulfan II	6	20.681	20.761	0.000	Endosulfan II
7	27.851	27.781	27.921	0.000	Endosulfan sulfate	7	27.851	27.921	0.000	Endosulfan sulfate
8	30.131	30.061	30.201	0.000	lindrin ketone	8	30.131	30.201	0.000	lindrin ketone
9	24.751	24.681	24.821	0.000	lindrin aldehyde	9	24.751	24.821	0.000	lindrin aldehyde
10	13.621	13.541	13.691	0.000	alpha-chlordane	10	13.621	13.691	0.000	alpha-chlordane
11	13.121	13.041	13.191	0.000	gamma-chlordane	11	13.121	13.191	0.000	gamma-chlordane
12	27.371	27.321	27.421	0.000	tetrachloro-m-xylene	12	27.371	27.421	0.000	tetrachloro-m-xylene
13	35.471	35.351	35.591	0.000	1,2-dichlorobiphenyl	13	35.471	35.591	0.000	1,2-dichlorobiphenyl

541

NO LIMITS: RND of amounts in the individual mixes must be less than

2c
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: LRI

Contract:

Lab Code: LRI

Case No.: 08103

SAs No.:

SDS No.: 810301

GC COLUMN: RTX5

ID: 0.25 (mm)

Initial Calib. Date(s): 08/23/94 08/24/94

MYSUBC Sample No.(PIBLK): PIBLK03

Date Analyzed: 08/24/94

Lab Sample No.(PIBLK): PIBLK03

Time Analyzed: 13:03

MYSUBC Sample No.(INDA): INDAM02

Date Analyzed: 08/24/94

Lab Sample No.(INDA): INDAM02

Date Analyzed: 16:52

INDIVIDUAL MIX A	RT	RT WINDOW	CALC	NUM	
COMPOUND	RT	FROM TO	AMOUNT	AMOUNT	RPD
			(ng)	(ng)	
alpha-BHC	2.87	2.82 2.92	.036	.040	10
gamma-BHC (Lindane)	3.43	3.38 3.48	.035	.040	13
Heptachlor	5.22	5.17 5.27	.035	.040	2
Endosulfan I	10.57	10.50 10.64	.036	.040	11
Dieldrin	12.40	12.33 12.47	.070	.080	13
Endrin	13.90	13.84 13.96	.069	.080	13
1,4'-DDE	15.90	15.84 15.96	.098	.090	13
1,4'-DDD	18.82	18.76 18.90	.069	.080	14
Methoxychlor	24.67	24.62 24.76	.410	.400	3
Tetrachloro-m-xylene	2.33	2.28 2.38	.035	.040	11
Decachlorobiphenyl	35.25	35.16 35.36	.064	.080	20

ENR Sample No.(INDB): INDBM02

Date Analyzed: 08/24/94

Lab Sample No.(INDB): INDBM02

Time Analyzed: 17:45

INDIVIDUAL MIX B	RT	RT WINDOW	CALC	NUM	
COMPOUND	RT	FROM TO	AMOUNT	AMOUNT	RPD
			(ng)	(ng)	
beta-BHC	3.30	3.22 3.37	.033	.040	18
delta-BHC	3.92	3.87 3.97	.032	.040	10
Aldrin	6.45	6.42 6.52	.032	.040	21
Heptachlor epoxide	8.37	8.31 8.45	.032	.040	19
1,4'-DDE	12.20	12.66 12.80	.075	.080	6
Endosulfan II	14.65	14.61 14.75	.064	.080	20
Endosulfan sulfate	18.02	17.97 18.11	.064	.080	20
Endrin ketone	21.50	21.46 21.60	.080	.080	0
Endrin aldehyde	16.17	16.12 16.26	.065	.080	19
alpha-Chlordane	10.83	10.78 10.92	.032	.040	20
gamma-Chlordane	9.28	9.23 9.37	.033	.040	19
Tetrachloro-m-xylene	2.33	2.28 2.38	.031	.040	12
Decachlorobiphenyl	35.25	35.16 35.36	.060	.080	25

542

GC LIMITS: RPD of amounts in the Individual Mixs must be less than

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: LRI

Contract:

Lab Code: LRI

Case No.: 08103

SAS No.:

SOG No.: 810301

GC COLUMN: RTX1701 ID: 0.53 (mm) Initial Calib. Date(s): 08/23/94 08/24/94

NYSDOL Sample No.(PIBLK): PIBLK05

Date Analyzed: 08/25/94

Lab Sample No.(PIBLK): PIBLK05

Time Analyzed: 09:56

NYSDOL Sample No.(INDA): INDA003

Date Analyzed: 08/25/94

Lab Sample No.(INDA): INDA003

Date Analyzed: 12:57

INDIVIDUAL MIX A	RT	RT WINDOW	CALC	NUM	
COMPOUND	RT	FROM TO	AMOUNT	AMOUNT	RPD
			(ng)	(ng)	
alpha-BHC	5.98	5.85 5.93	.036	.040	20
gamma-BHC (Lindane)	5.00	4.93 5.03	.032	.040	7
Heptachlor	5.70	5.63 5.73	.039	.040	2
Endosulfan I	12.45	12.34 12.48	.038	.040	4
Dieldrin	15.12	15.02 15.16	.022	.080	10
Endrin	16.60	16.51 16.65	.022	.080	10
1,4'-DDD	21.22	21.20 21.34	.026	.080	5
1,4'-DDT	22.63	22.55 22.65	.066	.080	12
Methoxychlor	29.22	29.19 29.33	.320	.400	10
Tetrachloro-m-xylene	2.38	2.32 2.42	.036	.040	10
Decachlorobiphenyl	35.42	35.36 35.56	.063	.080	21

EPA Sample No.(INDB): INDB003

Date Analyzed: 08/25/94

Lab Sample No.(INDB): INDB003

Time Analyzed: 11:48

INDIVIDUAL MIX B	RT	RT WINDOW	CALC	NUM	
COMPOUND	RT	FROM TO	AMOUNT	AMOUNT	RPD
			(ng)	(ng)	
beta-BHC	8.52	8.53 8.63	.039	.040	3
delta-BHC	9.75	9.72 9.82	.040	.040	0
Aldrin	6.70	6.65 6.75	.038	.040	5
Heptachlor epoxide	10.62	10.56 10.70	.038	.040	5
1,4'-DDE	14.72	14.73 14.82	.022	.080	3
Endosulfan II	20.62	20.62 20.76	.025	.080	7
Endosulfan sulfate	22.83	22.78 22.92	.025	.080	6
Endrin ketone	30.13	30.06 30.20	.059	.080	14
Endrin aldehyde	24.70	24.68 24.82	.028	.080	3
alpha-Chlordane	13.60	13.55 13.69	.039	.040	4
gamma-Chlordane	13.12	13.05 13.19	.038	.040	5
Tetrachloro-m-xylene	2.32	2.32 2.42	.035	.040	13
Decachlorobiphenyl	35.42	35.36 35.56	.066	.080	12

543

QC LIMITS: RPD of amounts in the Individual Mixes must be less than

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: LRI

Contract:

Lab Code: LRI

Case No.: 08103

SAS No.:

SUB No.: 810301

GL COLUMN: RTX5

ID: 0.53 (mm)

Initial Calib. Date(s): 08/23/94 08/24/94

NYSDEL Sample No.(PIBLK): PIBLK05

Date Analyzed: 08/25/94

Lab Sample No.(PIBLK): PIBLK05

Time Analyzed: 09:56

NYSDEL Sample No.(INDA): INDAM03

Date Analyzed: 08/25/94

Lab Sample No.(INDA): INDAM05

Date Analyzed: 12:57

INDIVIDUAL MIX A	RT	RT WINDOW	CALC	NUM	
COMPOUND	RT	FROM TO	AMOUNT	AMOUNT	RPD
			(ng)	(ng)	
alpha-BHC	2.87	2.821 2.921	.037	.040	6
gamma-BHC (Lindane)	3.45	3.381 3.481	.036	.040	10
Heptachlor	5.23	5.171 5.271	.037	.040	9
Endosulfan I	10.58	10.501 10.641	.037	.040	8
Dieldrin	12.42	12.331 12.471	.073	.080	8
Endrin	13.92	13.841 13.981	.071	.080	11
14,4'-DDE	15.92	15.841 15.981	.074	.080	7
14,4'-DDD	18.83	18.761 18.901	.061	.080	24
Methoxychlor	24.63	24.621 24.761	.324	.400	19
Tetrachloro-m-xylene	2.33	2.281 2.381	.035	.040	15
Decachlorobiphenyl	35.25	35.161 35.361	.061	.080	24

EPA Sample No.(INDB): INDBM03

Date Analyzed: 08/25/94

Lab Sample No.(INDB): INDBM03

Time Analyzed: 10:48

INDIVIDUAL MIX B	RT	RT WINDOW	CALC	NUM	
COMPOUND	RT	FROM TO	AMOUNT	AMOUNT	RPD
			(ng)	(ng)	
beta-BHC	3.30	3.221 3.371	.032	.040	19
delta-BHC	3.92	3.871 3.971	.033	.040	17
Aldrin	6.45	6.421 6.521	.034	.040	16
Heptachlor epoxide	8.37	8.311 8.451	.034	.040	16
14,4'-DDE	12.70	12.661 12.801	.073	.080	9
Endosulfan II	14.65	14.611 14.751	.067	.080	17
Endosulfan sulfate	18.02	17.971 18.111	.064	.080	20
Endrin ketone	21.50	21.461 21.601	.069	.080	24
Endrin aldehyde	16.17	16.121 16.261	.065	.080	19
alpha-Chlordane	10.82	10.781 10.921	.034	.040	16
gamma-Chlordane	9.78	9.731 9.871	.034	.040	15
Tetrachloro-m-xylene	2.33	2.281 2.381	.031	.040	23
Decachlorobiphenyl	35.25	35.161 35.361	.062	.080	22

544

QC LIMITS: RPD of amounts in the Individual Mixes must be less than

80
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: LRI Contract:
Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301
GC Column: RIX1701 ID:0.53 mm Init. Calib. Date(s): 08/23/94-08/24/94
Instrument ID: 5890M

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
TUX: 2.37		DCB: 35.46			
NYSDEC	LAB	DATE	TIME	TUX	DCB
SAMPLE NO.	SAMPLE ID	ANALYZED	ANALYZED	RT #	RT #
1 IP1BLK01	IP1BLK01	08/23/94	11:30	2.37	35.43
2 IPRES01	IPRES01	08/23/94	12:21	2.35	35.41
3 IPEM01	IPEM01	08/23/94	13:12	2.35	35.43
4 IAR166001	IAR166001	08/23/94	14:03	2.35	35.43
5 IAR122101	IAR122101	08/23/94	14:54	2.35	35.43
6 IAR123201	IAR123201	08/23/94	15:45	2.35	35.43
7 IAR124201	IAR124201	08/23/94	16:36	2.35	35.43
8 IAR124801	IAR124801	08/23/94	17:27	2.35	35.47
9 IAR125401	IAR125401	08/23/94	18:18	2.35	35.41
10 ITUXAPH01	ITUXAPH01	08/23/94	19:09	2.37	35.45
11 IINDAL01	IINDAL01	08/23/94	20:00	2.37	35.45
12 IINDBL01	IINDBL01	08/23/94	20:51	2.37	35.47
13 IINDAM01	IINDAM01	08/23/94	21:42	2.37	35.47
14 IINDBM01	IINDBM01	08/23/94	22:33	2.37	35.47
15 IINDAH01	IINDAH01	08/23/94	23:24	2.37	35.47
16 IINDBH01	IINDBH01	08/24/94	00:15	2.37	35.41
17 IP1BLK02	IP1BLK02	08/24/94	01:06	2.37	35.41
18 IPEM02	IPEM02	08/24/94	01:57	2.37	35.47
19 IPBLK01	I2386-BLK	08/24/94	02:48	2.37	35.47
20 IPBLANK1MS	I2386-BLKSPK	08/24/94	03:39	2.37	35.43
21 IRIN-15	I1408069-07	08/24/94	04:30	2.37	35.45
22 IRIN-15MS	I1408069-07MS	08/24/94	05:21	2.37	35.43
23 IRIN-15MSD	I1408069-07MSD	08/24/94	06:12	2.37	35.48
24 IZZZZZ	IZZZZZ	08/24/94	07:56	2.37	35.41
25 IPBLK02	I2386-BLK2	08/24/94	08:47	2.37	35.47

ADVISORY
QC LIMITS

TUX = tetrachloro-m-xylene (+/- 0.05)
DCB = Decachlorobiphenyl (+/- 0.10)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits

80
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: LRI Contract:
Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301
GC Column: RTX1/01 ID:0.53 mm Inst. Calib. Date(s): 08/23/94-08/24/94
Instrument ID: 5890M

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
TLX: 2.37		DLB: 35.46			
NYSDEC SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TLX RT #1	DLB RT #1
11222222	122222	08/24/94	09:58	2.37	35.47
21GPD BLK 08/07/94	1GPD BLK 08/07/94	08/24/94	10:29	0.00*	35.45
31GPD SPK 08/07/94	1GPD SPK 08/07/94	08/24/94	11:20	0.00*	35.45
41GPD PCB 08/07/94	1GPD PCB 08/07/94	08/24/94	12:11	0.00	35.45
51PIBLK03	1PIBLK03	08/24/94	13:03	2.37	35.55
61INDAM02	1INDAM02	08/24/94	16:52	2.37	35.47
71INDBM02	1INDBM02	08/24/94	17:43	2.37	35.47
81PEBLK03	17385-BLK	08/24/94	18:34	2.37	35.47
91PEBLANKMSB	17385-BLKSPK	08/24/94	19:25	2.37	35.47
101B20-12	11408069-04	08/24/94	20:17	2.37	35.47
111B20-12 MS	11408069-04MS	08/24/94	21:08	2.37	35.47
121B20-12 MSD	11408069-04MSD	08/24/94	21:59	2.37	35.47
131B20-12 22222	11408069-08	08/24/94	22:50	2.37	35.48
141PIBLK04	1PIBLK04	08/24/94	23:41	2.37	35.48
151PEM03	1PEM03	08/25/94	00:32	2.37	35.48
161FLD BLK	11408103-07	08/25/94	01:23	2.37	35.47
171PEBLK04	17385-BLK2	08/25/94	02:14	2.37	35.47
181SD-1	11408103-01	08/25/94	03:05	2.37	35.47
191SD-2	11408103-02	08/25/94	03:56	2.37	35.47
201SD-3	11408103-03	08/25/94	04:48	2.37	35.48
211SD-4	11408103-04	08/25/94	05:39	2.37	35.48
221SD-5	11408103-05	08/25/94	06:30	2.37	35.48
231SD-6	11408103-06	08/25/94	07:21	2.37	35.48
24122222	122222	08/25/94	08:12	2.37	35.48
251PIBLK05	1PIBLK05	08/25/94	09:56	2.37	35.48
261INDAM03	1INDAM03	08/25/94	12:57	2.38	35.47
271INDBM03	1INDBM03	08/25/94	13:48	2.37	35.47

ADVISORY
QC LIMITS
TLX = tetrachloro-m-xylene (+/- 0.05)
DLB = Decachlorobiphenyl (+/- 0.10)

Column used to flag retention time values with an asterisk.
* Values outside of QC Limits

80
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: LRI Contract:
Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301
GC Column: R1X5 ID: 0.53 mm Init. Calib. Date(s): 08/23/94-08/24/94
Instrument ID: 5890N

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION						
ILX: 2.33			DCB: 35.26			
NYSDEL	LAB	DATE	TIME	ILX	DCB	
SAMPLE NO.	SAMPLE ID	ANALYZED	ANALYZED	RT #	RT #	
=====	=====	=====	=====	=====	=====	
1 (P)BLK01	(P)BLK01	08/23/94	11:30	0.00*	0.00*	
2 (R)ESC01	(R)ESC01	08/23/94	12:21	2.32	35.22	
3 (P)EM01	(P)EM01	08/23/94	13:12	2.32	35.22	
4 (R)AR166001	(R)AR166001	08/23/94	14:03	2.32	35.22	
5 (R)AR122101	(R)AR122101	08/23/94	14:54	2.32	35.21	
6 (R)AR123201	(R)AR123201	08/23/94	15:45	2.32	35.22	
7 (R)AR124201	(R)AR124201	08/23/94	16:36	2.32	35.21	
8 (R)AR124801	(R)AR124801	08/23/94	17:27	2.32	35.22	
9 (R)AR125401	(R)AR125401	08/23/94	18:18	2.32	35.22	
10 (I)UXAPH01	(I)UXAPH01	08/23/94	19:09	2.33	35.24	
11 (I)INDAL01	(I)INDAL01	08/23/94	20:00	2.33	35.25	
12 (I)INDBL01	(I)INDBL01	08/23/94	20:51	2.33	35.27	
13 (I)INDAM01	(I)INDAM01	08/23/94	21:42	2.33	35.27	
14 (I)INDBM01	(I)INDBM01	08/23/94	22:33	2.33	35.27	
15 (I)INDAH01	(I)INDAH01	08/23/94	23:24	2.33	35.27	
16 (I)INDBH01	(I)INDBH01	08/24/94	00:15	2.33	35.27	35.27
17 (P)BLK02	(P)BLK02	08/24/94	01:06	2.33	35.27	
18 (P)EM02	(P)EM02	08/24/94	01:57	2.33	35.27	
19 (P)BLK01	(P)386-BLK	08/24/94	02:48	2.35	35.27	
20 (P)BLANKINSE	(P)386-BLKSPK	08/24/94	03:39	2.33	35.27	
21 (R)IN-15	(R)408069-U/	08/24/94	04:30	2.33	35.27	
22 (R)IN-15MS	(R)408069-U/MS	08/24/94	05:21	2.33	35.27	
23 (R)IN-15MSD	(R)408069-U/MSD	08/24/94	06:12	2.33	35.28	
24 (ZZZZZ)	(ZZZZZ)	08/24/94	07:56	2.33	35.27	
25 (P)BLK02	(P)386-BLK2	08/24/94	08:47	2.33	35.25	

ADVISORY
QC LIMITS
ILX = tetrachloro-m-xylene (+/- 0.05)
DCB = Decachlorobiphenyl (+/- 0.10)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits

80
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: LRI Contract:
Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301
GC Column: RTX5 ID: 0.53 mm Init. Calib. Date(s): 08/23/94-08/24/94
Instrument ID: 5890N

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION						
TX: 2.33		DUB: 35.26				
NYSDEC SAMPLE NO.	LAB SAMPLE ID	DATE	TIME	TX RT #1	DUB RT #1	
1 ZZZZZZ	1 ZZZZZZ	08/24/94	09:38	2.33	35.26	
2 IGPC BLK 08/07/94	IGPC BLK 08/07/94	08/24/94	10:29	0.00*	0.00*	
3 IGPC SPK 08/07/94	IGPC SPK 08/07/94	08/24/94	11:20	0.00*	0.00*	
4 IGPC PCB 08/07/94	IGPC PCB 08/07/94	08/24/94	12:11	0.00	0.00	
5 IP1BLK03	IP1BLK03	08/24/94	13:03	2.33	35.26	
6 IINDAM02	IINDAM02	08/24/94	16:52	2.33	35.26	
7 IINDBM02	IINDBM02	08/24/94	17:43	2.33	35.26	
8 IPBLK01	17385-BLK	08/24/94	18:33	2.33	35.26	
9 IPBLANK3MSB	17385-BLKSPK	08/24/94	19:25	2.33	35.26	
10 I820-12	11408069-04	08/24/94	20:17	2.33	35.26	
11 I820-12 MS	11408069-04MS	08/24/94	21:08	2.33	35.26	
12 I820-12 MS0	11408069-04MS0	08/24/94	21:59	2.33	35.26	
13 IPB-7/4 22212	11408069-08	08/24/94	22:50	2.33	35.26	
14 IP1BLK04	IP1BLK04	08/25/94	23:41	2.33	35.26	
15 IPEM03	IPEM03	08/25/94	00:32	2.33	35.26	
16 IFLD BLK	11408103-07	08/25/94	01:23	2.33	35.26	
17 IPBLK04	17385-BLK2	08/25/94	02:14	2.33	35.26	
18 ISD-1	11408103-01	08/25/94	03:05	2.33	35.26	
19 ISD-2	11408103-02	08/25/94	04:56	2.33	35.26	
20 ISD-3	11408103-03	08/25/94	04:48	2.33	35.26	
21 ISD-4	11408103-04	08/25/94	05:39	2.33	35.26	
22 ISD-5	11408103-05	08/25/94	06:30	2.33	35.26	
23 ISD-6	11408103-06	08/25/94	07:21	2.33	35.26	
24 ZZZZZZ	1 ZZZZZZ	08/25/94	08:12	2.33	35.26	
25 IP1BLK05	IP1BLK05	08/25/94	09:56	2.33	35.26	
26 IINDAM03	IINDAM03	08/25/94	12:57	2.33	35.26	
27 IINDBM03	IINDBM03	08/25/94	13:48	2.33	35.26	

ADVISORY
QC LIMITS
TX = Tetrachloro-m-xylene (+/- 0.05)
DUB = Decachlorobiphenyl (+/- 0.10)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

9A
PESTICIDE FLURISIL CARTRIDGE CHECK

Lab Name: LRI Contract:
Lab Code: LRI CASE No.: 08103 SAS No.: SDA No.: 810301
Florisil Cartridge Lot Number: 5900 Date of Analysis: 01/17/94
GC Column(1): RIX-1701 ID: 0.52 (mm) GC Column(2): RIX-5 ID: 0.52 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC. LIMITS REC.
alpha-BHC	.020	.017	87	180-1200
gamma-BHC (Lindane)	.020	.019	96	180-1200
Heptachlor	.020	.020	99	180-1200
Endosulfan I	.020	.020	99	180-1200
Dieldrin	.040	.039	96	180-1200
Endrin	.040	.039	98	180-1200
1,4'-DDO	.040	.037	92	180-1200
1,4'-DDI	.040	.038	96	180-1200
Methoxychlor	.200	.230	115	180-1200
Tetrachloro-m-xylene (Surr.)	.020	.019	96	180-1200
Decachlorobiphenyl (Surr.)	.040	.044	109	180-1200

Column to be used flag recovery with asterisk.
* Values outside of QC limits.

THIS CARTRIDGE LOT APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

NYSDEC SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
11PBLK01	17386-BLK	08/24/94	08/24/94
21PBLANK1MSB	17386-BLKSPK	08/24/94	08/24/94
31RIN-15	11408069-07	08/24/94	08/24/94
41RIN-15MS	11408069-07MS	08/24/94	08/24/94
51RIN-15MSD	11408069-07MSD	08/24/94	08/24/94
61PBLK02	17386-BLK2	08/24/94	08/24/94
71FLD BLK	11408103-07	08/25/94	08/25/94
81PBLK03	17385-BLK	08/24/94	08/24/94
91PBLANK3MSB	17385-BLKSPK	08/24/94	08/24/94
101B20-12	11408069-04	08/24/94	08/24/94
111B20-12 MS	11408069-04MS	08/24/94	08/24/94
121B20-12 MSD	11408069-04MSD	08/24/94	08/24/94
131PBLK04	17385-BLK2	08/25/94	08/25/94
141SD-1	11408103-01	08/25/94	08/25/94
151SD-2	11408103-02	08/25/94	08/25/94
161SD-3	11408103-03	08/25/94	08/25/94
171SD-4	11408103-04	08/25/94	08/25/94
181SD-5	11408103-05	08/25/94	08/25/94
191SD-6	11408103-06	08/25/94	08/25/94

549

9B
PESTICIDE GPC CALIBRATION

Lab Name: LRI

Contract:

Lab Code: LRI

CASE No.: 08103

SAS No.:

SDA No.: 810301

GPC Column: 41246

Calibration Date: 08/24/94
2/5/94

GC Column(1): RIX-1701 ID: 0.53 (mm) GC Column(2): RIX-5 ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	Q.L. LIMITS
gamma-BHC (Lindane)	.100	.101	101	180-110
Heptachlor	.100	.090	90	180-110
Aldrin	.100	.082	82	180-110
Dieldrin	.200	.187	94	180-110
Endrin	.200	.212	106	180-110
1,4'-DDT	.200	.286	143	180-110

Column to be used flag recovery with asterisk.

* Values outside of QL limits.

THIS GPC CALIBRATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

NYSDEC SAMPLE NO.	LAB SAMPLE NO.	DATE ANALYZED 1	DATE ANALYZED 2
1 PBLK03	17385-BLK	08/24/94	08/24/94
2 PBLANK3MSB	17385-BLKSPK	08/24/94	08/24/94
3 B20-12	11408069-04	08/24/94	08/24/94
4 B20-12 MS	11408069-04MS	08/24/94	08/24/94
5 B20-12 MSD	11408069-04MSD	08/24/94	08/24/94
6 PBLK04	17385-BLK2	08/25/94	08/25/94
7 B0-1	11408103-01	08/25/94	08/25/94
8 B0-2	11408103-02	08/25/94	08/25/94
9 B0-3	11408103-03	08/25/94	08/25/94
10 B0-4	11408103-04	08/25/94	08/25/94
11 B0-5	11408103-05	08/25/94	08/25/94
12 B0-6	11408103-06	08/25/94	08/25/94

NYSDCL SAMPLE No.

1 PELANKSME

Contract:

SAS No.: SDG No.: 810301

Date Analyzed: 08/24/94

Instrument ID (2): 589UN

GC Column(1): RIX1701 ID: 0.53 mm GC Column(2): RIX5 ID: 0.53 mm

FURN X-LLP-PEST-1

NYSED SAMPLE NO.

1E20-12 NS

Contract :

SAS No.: SOG No.: 810301

Date Analyzed: 08/24/94

Instrument ID (2): 587UN

GC Column(1): RTX1201 ID: 0.53 mm GC Column(2): RTX5 ID: 0.53 mm

FORM X-CLP-PEST-1

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

NYSDEL SAMPLE NO.

1820-12 MSD

Lab Name: LRI

Contract:

Lab Code: LRI

CASE No.:

SAS No.: SUB No.: 810301

Lab Sample ID: 1408069-04MSD

Date Analyzed: 08/24/94

Instrument ID (1): 5890M

Instrument ID (2): 5890N

GC Column(1): RIX1701 ID: 0.53 mm GC Column(2): RIX5 ID: 0.53 mm

	ID	RETENTION TIME			CONCENTRATION	%
		R	FROM	TO		
gamma-BHC (Lindane)	1	5.00	4.93	5.03	26	43.3
	2	3.45	3.38	3.48	18	
Heptachlor	1	5.70	5.63	5.73	24	39.0
	2	5.23	5.17	5.27	14	
Dieldrin	1	15.15	15.02	15.16	43	45.1
	2	12.45	12.33	12.47	30	
Endrin	1	16.62	16.51	16.65	46	44.0
	2	13.93	13.84	13.98	31	
1,4'-DDT	1	22.65	22.55	22.69	49	61.2
	2	18.85	18.76	18.90	29	
Aldrin	1	6.72	6.65	6.75	12	48.4
	2	6.48	6.42	6.52	15	

FORM X-CLP-PEST-1

NYSDOL SAMPLE NO.

1PBLANK1MEB

Contract:

SUG No. : 810301

Date Analyzed: 08/24/94

Instrument ID (2): 5890N

GC Column(1): RFX1701 ID: 0.55 mm SC Column(2): RFX5 ID: 0.55 mm

FORM X-LLP-FES1-1

NYSDOL SAMPLE N.Y.

100-1505

Contract:

SAS No.: SDG No.: 810301

Date Analyzed: 08/24/94

Instrument 10 (2): 58708

GC Column(1): RIX1701 ID: 0.53 mm GC Column(2): RIX5 ID: 0.53 mm

FORM X-CLP-FES1-1

NYSDEC SAMPLE NO.

IRIN-15MSD

Contract:

SDS No.: 810301

Date Analyzed: 08/24/94

Instrument ID (2): 5890N

GC Column(1): RTX1701 ID: 0.53 mm GC Column(2): RTX5 ID: 0.53 mm

FORM X-ULP-FESI-1

10
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSDOL SAMPLE ID

Lab Name: LRI

Contract:

P18LK01

Lab Code: LRI

CASE No.: 08103

SAS No.:

SDG No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: P18LK01

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: >M7420

% Moisture: decanted: (Y/N) N

Date Received: xxxxxxxx

Extraction: (SepH/Lont/Sonc) SEPF

Date Extracted: xxxxxxxx

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/23/94

Injection Volume: 2 (uL)

Dilution Factor: 1

PL Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/kg) ug/L

CAS NO.

COMPOUND

319-84-6-----	alpha-BHC	.05000
319-85-7-----	beta-BHC	.05000
319-86-8-----	delta-BHC	.05000
58-89-9-----	gamma-BHC (Lindane)	.05000
76-44-8-----	Heptachlor	.05000
309-00-2-----	Aldrin	.05000
1024-57-3-----	Heptachlor epoxide	.05000
959-98-8-----	Endosulfan I	.05000
60-57-1-----	Dieldrin	.1000
72-55-9-----	4,4'-DDE	.1000
72-20-8-----	Endrin	.1000
33213-25-9-----	Endosulfan II	.1000
72-54-8-----	4,4'-DDD	.1000
1051-07-8-----	Endosulfan sulfate	.1000
58-22-3-----	4,4'-DDT	.1000
72-43-5-----	Methoxychlor	.5000
53494-70-5-----	Endrin ketone	.1000
7421-43-4-----	Endrin aldehyde	.1000
5103-71-9-----	alpha-Chlordane	.05000
5103-74-2-----	gamma-Chlordane	.05000
8001-35-2-----	Ioxaphene	5.000
12674-11-2-----	Aroclor 1016	1.000
11104-28-2-----	Aroclor 1221	2.000
11141-16-5-----	Aroclor 1232	1.000
53469-21-9-----	Aroclor 1242	1.000
12672-29-6-----	Aroclor 1248	1.000
11097-69-1-----	Aroclor 1254	1.000
11096-82-5-----	Aroclor 1260	1.000

SADP: 5.00

557

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSDOL SAMPLE ID

Lab Name: LRI

Contract:

P1BLK02

Lab Code: LRI

CASE No.: 08103

SAS No.:

SOS No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: P1BLK02

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: >M/436

% Moisture: decanted: (Y/N) N

Date Received: xxxxxxxx

Extraction: (Seph/Cont/Sonc) SEPF

Date Extracted: xxxxxxxx

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

PC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

LAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

Q

319-84-6-----	alpha-BHC	.0500
319-85-7-----	beta-BHC	.0500
319-86-8-----	delta-BHC	.0500
58-89-9-----	gamma-BHC (Lindane)	.0500
76-44-8-----	Heptachlor	.0500
389-00-2-----	Aldrin	.0500
1024-57-3-----	Heptachlor epoxide	.0500
959-98-8-----	Endosulfan I	.0500
60-57-1-----	Dieldrin	.1000
72-55-9-----	4,4'-DDE	.1000
72-20-8-----	Endrin	.1000
53215-55-9-----	Endosulfan II	.1000
72-54-8-----	4,4'-DDD	.1000
1051-07-8-----	Endosulfan sulfate	.1000
50-29-3-----	4,4'-DDT	.1000
72-43-5-----	Methoxychlor	.5000
53494-70-5-----	Endrin ketone	.1000
7421-93-4-----	Endrin aldehyde	.1000
5103-71-9-----	alpha-Chlordane	.0500
5103-74-2-----	gamma-Chlordane	.0500
8001-35-2-----	Toxaphene	5.000
12674-11-2-----	Aroclor 1016	1.000
11104-28-2-----	Aroclor 1221	2.000
11141-16-5-----	Aroclor 1232	1.000
53469-21-9-----	Aroclor 1242	1.000
12672-29-6-----	Aroclor 1248	1.000
11097-69-1-----	Aroclor 1254	1.000
11096-82-5-----	Aroclor 1260	1.000

SADP: 5.00

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSDOC SAMPLE ID

Lab Name: LRI

Contract:

P1BLK03

Lab Code: LRI

CASE No.: 08103

SAS No.:

SDG No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: P1BLK03

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: >M2449

% Moisture: decanted: (Y/N) N

Date Received: xxxxxxxx

Extraction: (Seph/Cont/Sonc) SEPH

Date Extracted: xxxxxxxx

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

PC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/L U

CAS NO.

COMPOUND

319-84-6-----	alpha-BHC	.05010
319-85-7-----	beta-BHC	.05010
319-86-8-----	delta-BHC	.05010
58-89-9-----	gamma-BHC (Lindane)	.05010
76-44-8-----	Heptachlor	.05010
309-00-2-----	Aldrin	.05010
1024-57-3-----	Heptachlor epoxide	.05010
959-98-8-----	Endosulfan I	.05010
60-57-1-----	Dieldrin	.1010
72-55-9-----	4,4'-DDE	.1010
72-20-8-----	Endrin	.1010
33213-65-9-----	Endosulfan II	.1010
72-54-8-----	4,4'-DDD	.1010
1051-07-8-----	Endosulfan sulfate	.1010
50-29-3-----	4,4'-DDT	.1010
72-43-5-----	Methoxychlor	.5010
53494-20-5-----	Endrin ketone	.1010
7421-93-4-----	Endrin aldehyde	.1010
5103-71-9-----	alpha-Chlordane	.05010
5103-74-2-----	gamma-Chlordane	.05010
8001-35-2-----	Toxaphene	5.010
12674-11-2-----	Aroclor 1016	1.010
11104-28-2-----	Aroclor 1221	2.010
11141-16-5-----	Aroclor 1232	1.010
53469-21-9-----	Aroclor 1242	1.010
12672-29-6-----	Aroclor 1248	1.010
11097-69-1-----	Aroclor 1254	1.010
11096-82-5-----	Aroclor 1260	1.010

SADP: 5.00

559

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSED SAMPLE ID

Lab Name: LRI

Contract:

P1BLK04

Lab Code: LRI

CASE No.: 08103

SAS No.:

SOS No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: P1BLK04

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: >07456

% Moisture: decanted: (Y/N) N

Date Received: xxxxxxxx

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: xxxxxxxx

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

PC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

W

1	319-84-6-----alpha-BHC	.05010
1	319-85-7-----beta-BHC	.05010
1	319-86-8-----delta-BHC	.05010
1	58-89-9-----gamma-BHC (Lindane)	.05010
1	76-44-8-----Heptachlor	.05010
1	309-00-2-----Aldrin	.05010
1	1024-57-3-----Heptachlor epoxide	.05010
1	959-98-8-----Endosulfan I	.05010
1	60-57-1-----Dieldrin	.1010
1	72-55-9-----4,4'-DDE	.1010
1	72-20-8-----Endrin	.1010
1	33213-65-9-----Endosulfan II	.1010
1	72-54-8-----4,4'-DDD	.1010
1	1031-07-8-----Endosulfan sulfate	.1010
1	50-24-3-----4,4'-DDT	.1010
1	72-43-5-----Methoxychlor	.5010
1	53494-70-5-----Endrin ketone	.1010
1	7421-93-4-----Endrin aldehyde	.1010
1	5103-71-9-----alpha-Chlordane	.05010
1	5103-74-2-----gamma-Chlordane	.05010
1	8001-35-2-----Toxaphene	5.010
1	12674-11-2-----Aroclor 1016	1.010
1	11104-28-2-----Aroclor 1221	2.010
1	11141-16-5-----Aroclor 1232	1.010
1	53469-21-4-----Aroclor 1242	1.010
1	12672-29-6-----Aroclor 1248	1.010
1	11097-69-1-----Aroclor 1254	1.010
1	11096-82-5-----Aroclor 1260	1.010

SADP: 5.00

560

10
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE ID:

PIBLK05

Lab Name: LRI

Contract:

Lab Code: LRI

CASE No.: 08103

SAS No.:

SDG No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK05

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: >0/469

% Moisture: decanted: (Y/N) N

Date Received: xxxxxxxx

Extraction: (Seph/Cont/Sonc) SEPH

Date Extracted: xxxxxxxx

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/25/94

Injection Volume: 2 (uL)

Dilution Factor: 1

SPC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

LAS NO.

COMPOUND

(ug/L or ug/kg) ug/L

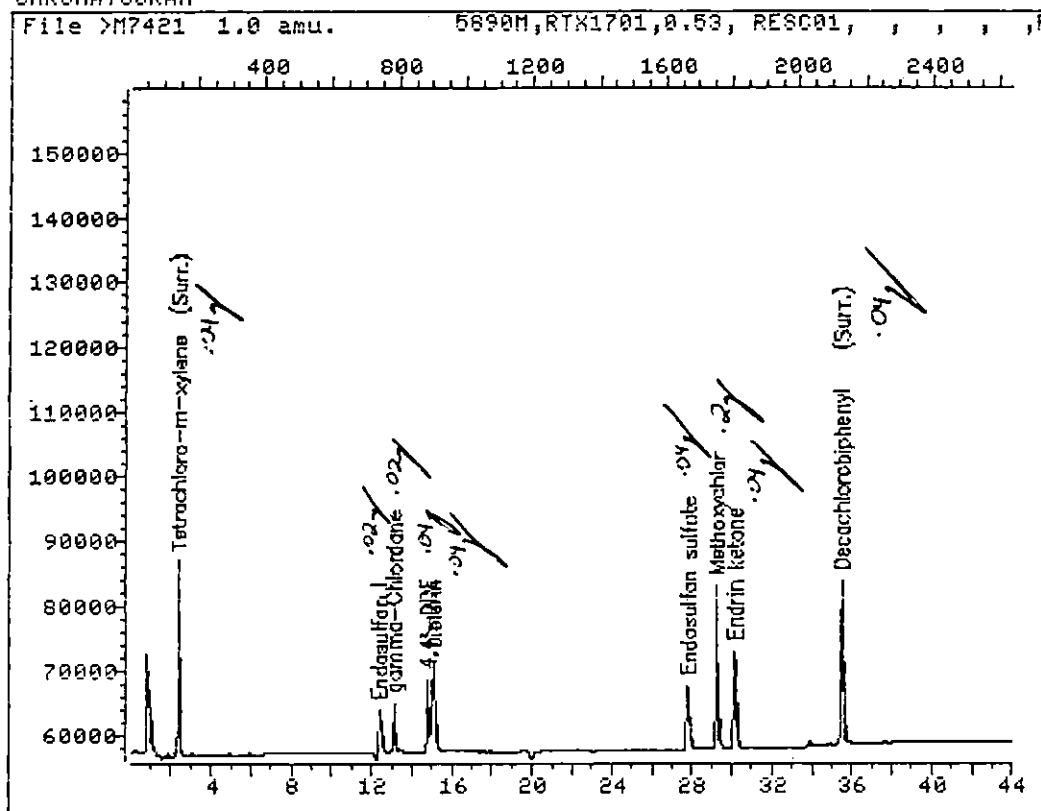
L

319-84-6-----	alpha-BHC	.05000
319-85-7-----	beta-BHC	.05000
319-86-8-----	delta-BHC	.05000
58-89-9-----	gamma-BHC (Lindane)	.05000
76-44-8-----	Heptachlor	.05000
309-00-2-----	Aldrin	.05000
1024-57-3-----	Heptachlor epoxide	.05000
959-98-8-----	Endosulfan I	.05000
60-57-1-----	Dieldrin	.1000
72-55-9-----	4,4'-DDE	.1000
72-20-8-----	Endrin	.1000
33213-65-9-----	Endosulfan II	.1000
72-54-8-----	4,4'-DDD	.1000
1031-07-8-----	Endosulfan sulfate	.1000
50-29-3-----	4,4'-DDT	.1000
72-43-5-----	Methoxychlor	.5000
53494-70-5-----	Endrin ketone	.1000
7421-93-4-----	Endrin aldehyde	.1000
5103-71-9-----	alpha-Chlordane	.05000
5103-74-2-----	gamma-Chlordane	.05000
8001-35-2-----	Ioxaphene	5.000
12674-11-2-----	Aroclor 1016	1.000
11104-28-2-----	Aroclor 1221	2.000
11141-16-5-----	Aroclor 1232	1.000
53469-21-9-----	Aroclor 1242	1.000
12672-29-6-----	Aroclor 1248	1.000
11092-69-1-----	Aroclor 1254	1.000
11096-82-5-----	Aroclor 1260	1.000

SARF: 5.00

561

CHROMATOGRAM

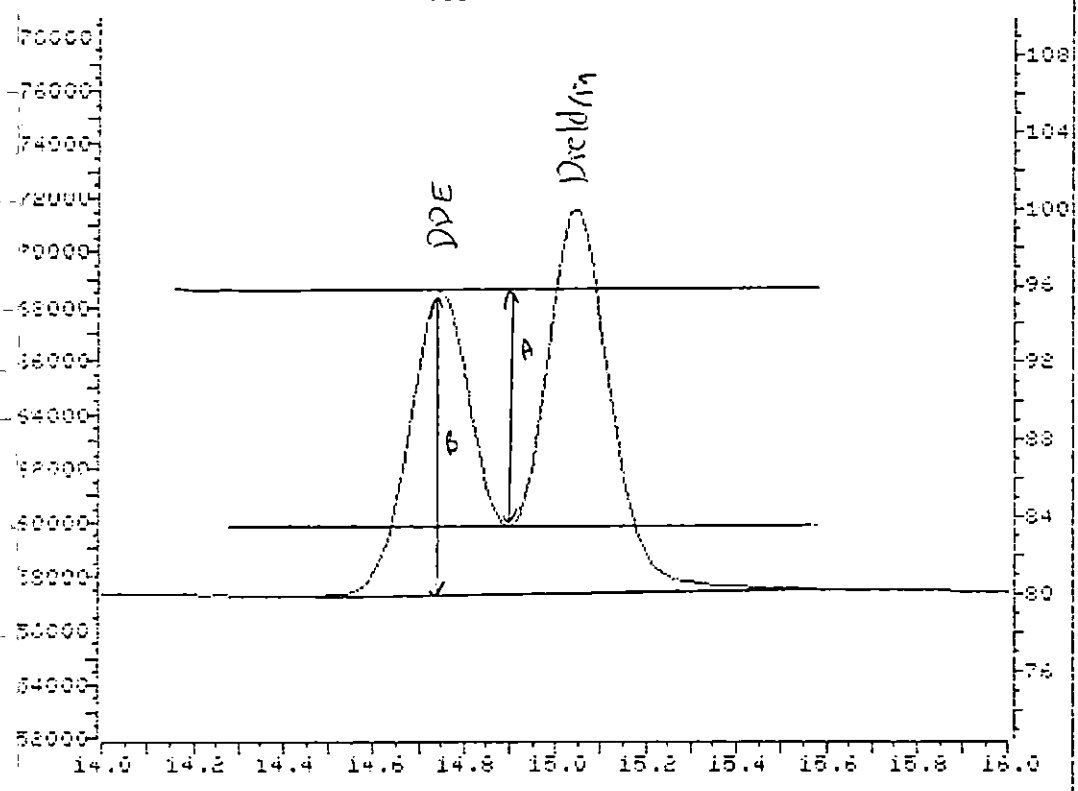


Data File: >M7421::M1
Name: 5890M,RTX1701,0.53,
Misc: RESC01, , , , ,RESC01,

Quant Output File: ^M7421::QT
Instrument ID: M

Id File: IDM390::SC
Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
Last Calibration: 930215 09:47 Last Qcal Time: 940823 21:42

Operator ID: MANAGER
Quant Time : 940824 12:06
Injected at: 940823 12:21



INV-22

$$\% \text{ Resolution} = \frac{A}{B} (100) = \frac{3.15}{4.00} (100) = 79\%$$

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7421::QT
Data File: >M7421::M1
Name: 5890M,RTX1701,0.53,
Misc: RESC01, , , ,RESC01,

Quant Rev: 7 Quant Time: 940824 12:06
 Injected at: 940823 12:21
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

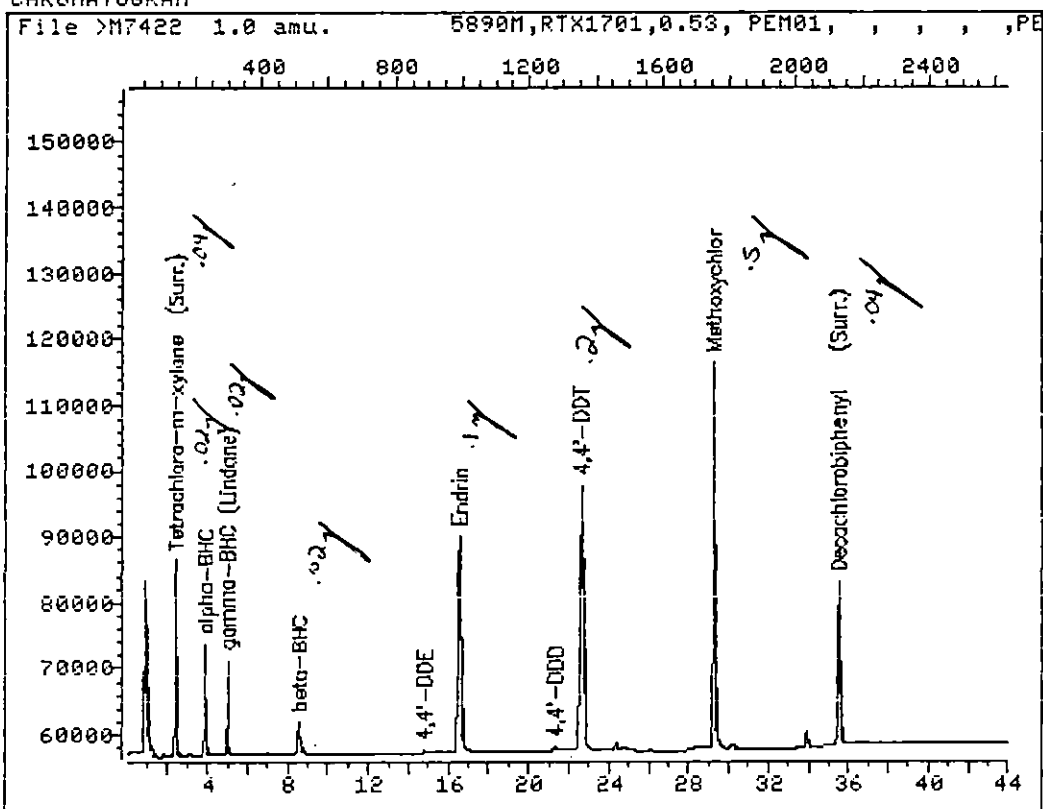
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
4) #Endosulfan I	12.37	742	94647	.0211	NG	100
5) #Dieldrin	15.05	903	144599	.0351	NG	100
9) #Methoxychlor	29.22	1753	246063	.187	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.35	141	102235	.0370	NG	100
11) #Decachlorobiphenyl (Surr.)	35.43	2126	192599	.0436	NG	100
16) #gamma-Chlordane	13.07	784	75615	.0163	NG	100
18) #4,4'-DDE	14.75	885	114783	.0302	NG	100
21) #Endosulfan sulfate	27.80	1668	112576	.0349	NG	100
22) #Endrin ketone	30.10	1806	137287	.0361	NG	100

Compound uses ESTD

CHROMATOGRAM

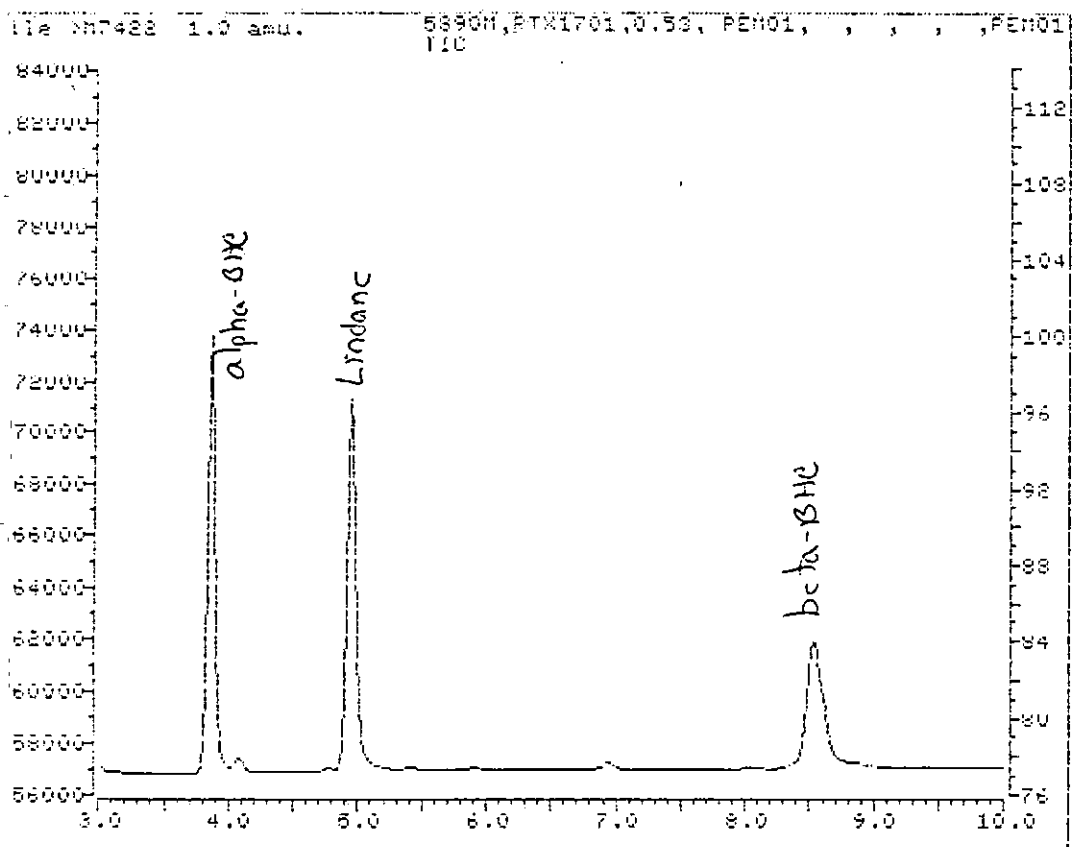


Data File: >M7422::M1
 Name: 5890M,RTX1701,0.53,
 Misc: PEM01, , , ,PEM01,

Quant Output File: ^M7422::QT
 Instrument ID: M

Id File: IDM390::SC
 Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
 Last Calibration: 930215 09:47 Last Qcal Time: 940823 21:42

Operator ID: MANAGER
 Quant Time : 940824 12:10
 Injected at: 940823 13:12



QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7422::QT
Data File: >M7422::M1
Name: 5890M,RTX1701,0.53,
Misc: PEM01, , , ,PEM01,

Quant Rev: 7 Quant Time: 940824 12:10
 Injected at: 940823 13:12
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

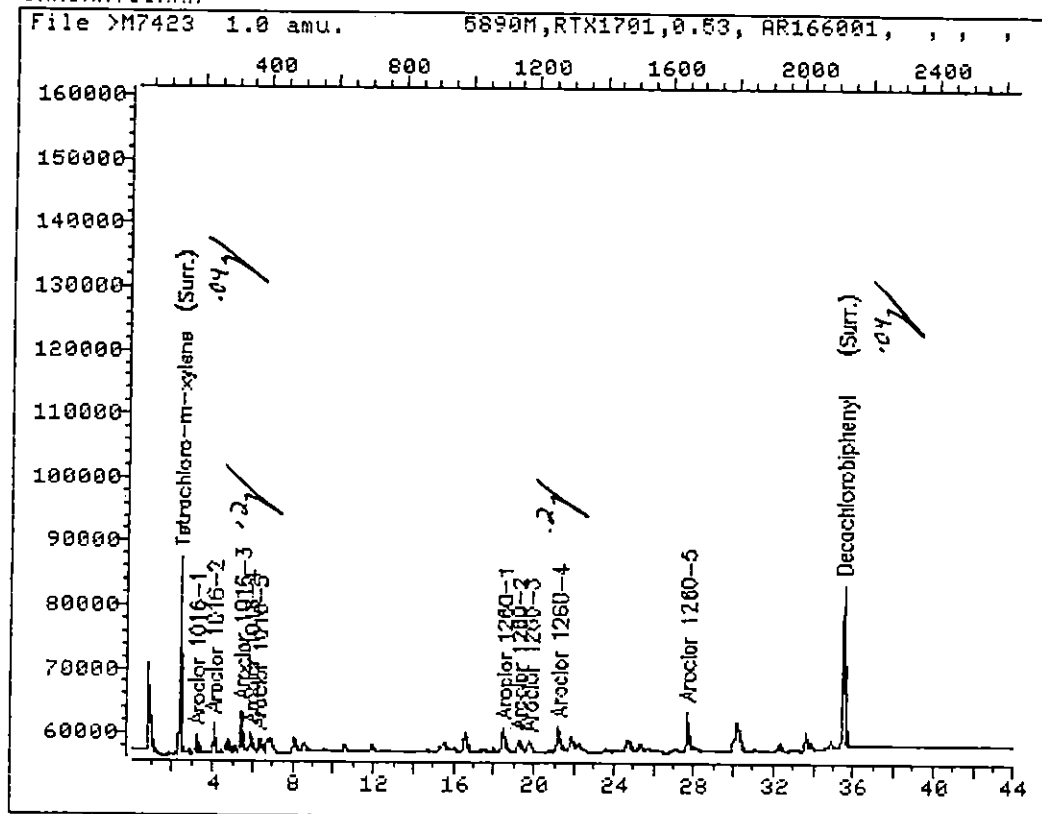
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	3.87	232	68072	.0158	NG	100
2) #gamma-BHC (Lindane)	4.95	297	70402	.0189	NG	100
6) #Endrin	16.52	991	333567	.0954	NG	100
7) #4,4'-DDD	21.30	1278	12872	.00500	NG	100
8) #4,4'-DDT	22.55	1353	494871	.195	NG	100
9) #Methoxychlor	29.22	1753	576584	.438	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.35	141	100433	.0363	NG	100
11) #Decachlorobiphenyl (Surr.)	35.43	2126	186896	.0423	NG	100
13) #beta-BHC	8.53	512	45455	.0205	NG	100
18) #4,4'-DDE	14.77	886	5184	.00136	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7423::M1

Quant Output File: ^M7423::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: AR166001, , , , AR166001,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

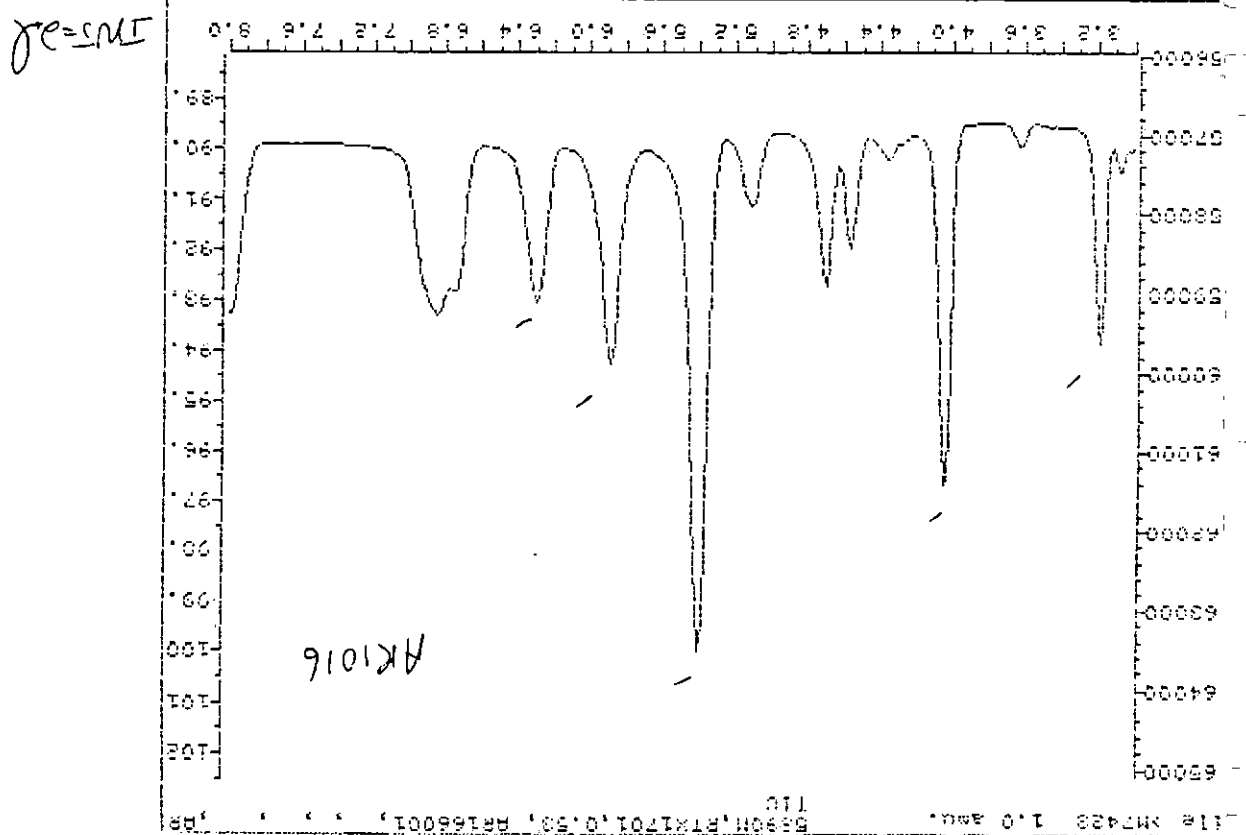
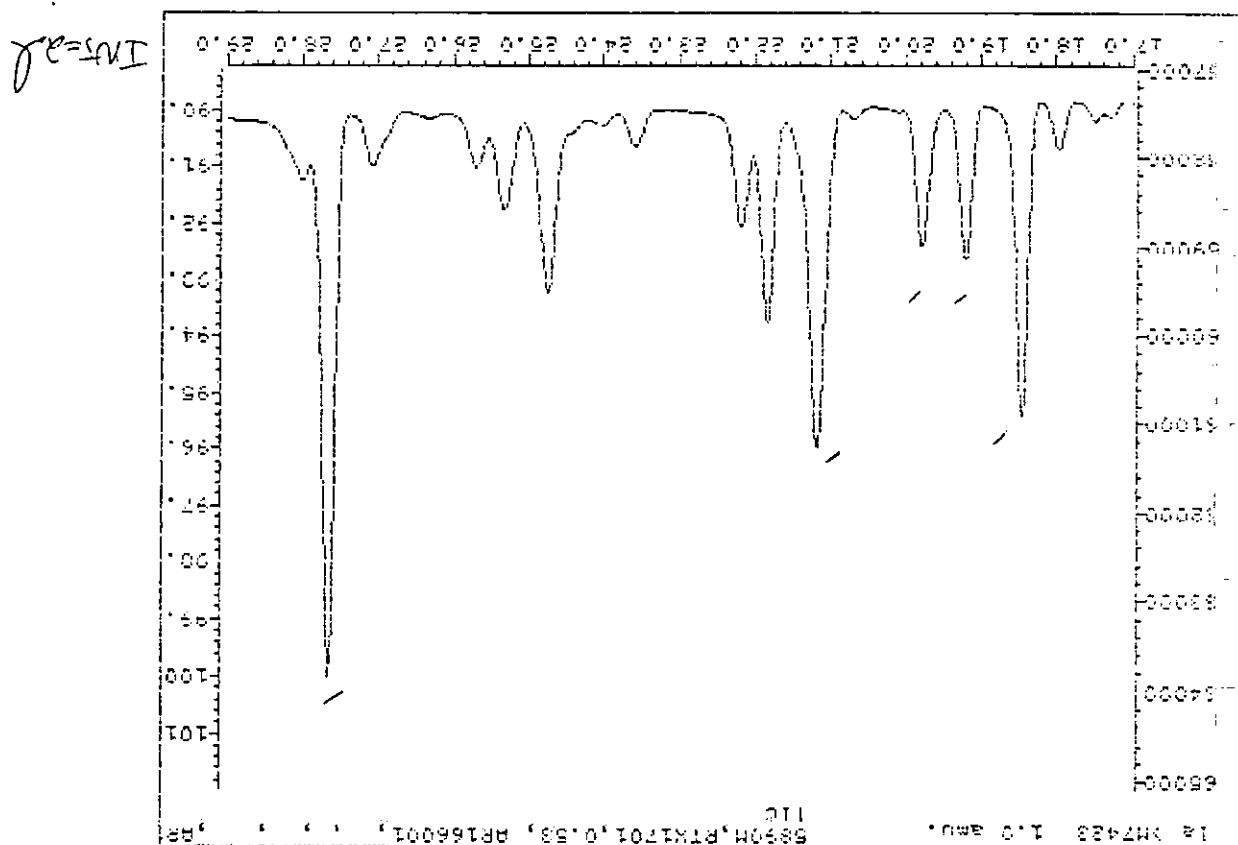
Last Calibration: 930215 09:47

Last Qcal Time: 940816 15:35

Operator ID: MANAGER

Quant Time : 940824 08:07

Injected at: 940823 14:03



QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7423::QT
Data File: >M7423::M1
Name: 5890M,RTX1701,0.53,
Misc: AR166001, , , ,AR166001,

Quant Rev: 7 Quant Time: 940824 08:07
 Injected at: 940823 14:03
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

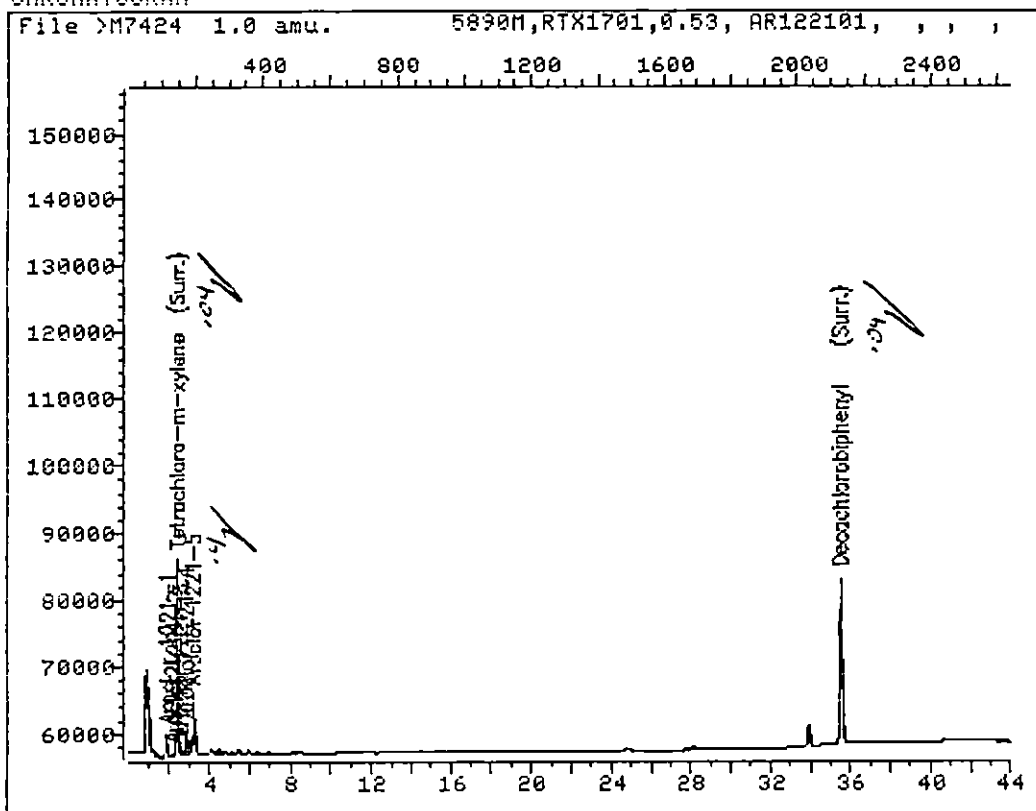
Last Calibration: 930215 09:47

Last Qcal Time: 940816 15:35

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.35	141	103560	.0170	NG	100
11) #Decachlorobiphenyl (Surr.)	35.43	2126	191839	.0245	NG	100
26) #Aroclor 1016-1	3.18	191	11517	.0854	NG	100
27) #Aroclor 1016-2	4.05	243	22631	.0835	NG	100
28) #Aroclor 1016-3	5.40	324	45985	.0805	NG	100
29) #Aroclor 1016-4	5.88	353	22318	.0823	NG	100
30) #Aroclor 1016-5	6.30	378	15087	.0762	NG	100
56) #Aroclor 1260-1	18.45	1107	41920	.0894	NG	100
57) #Aroclor 1260-2	19.20	1152	20007	.0873	NG	100
58) #Aroclor 1260-3	19.77	1186	18335	.0876	NG	100
59) #Aroclor 1260-4	21.17	1270	60896	.0826	NG	100
60) #Aroclor 1260-5	27.65	1659	76000	.0947	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7424::M1

Quant Output File: ^M7424::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: AR122101, , , , AR122101,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

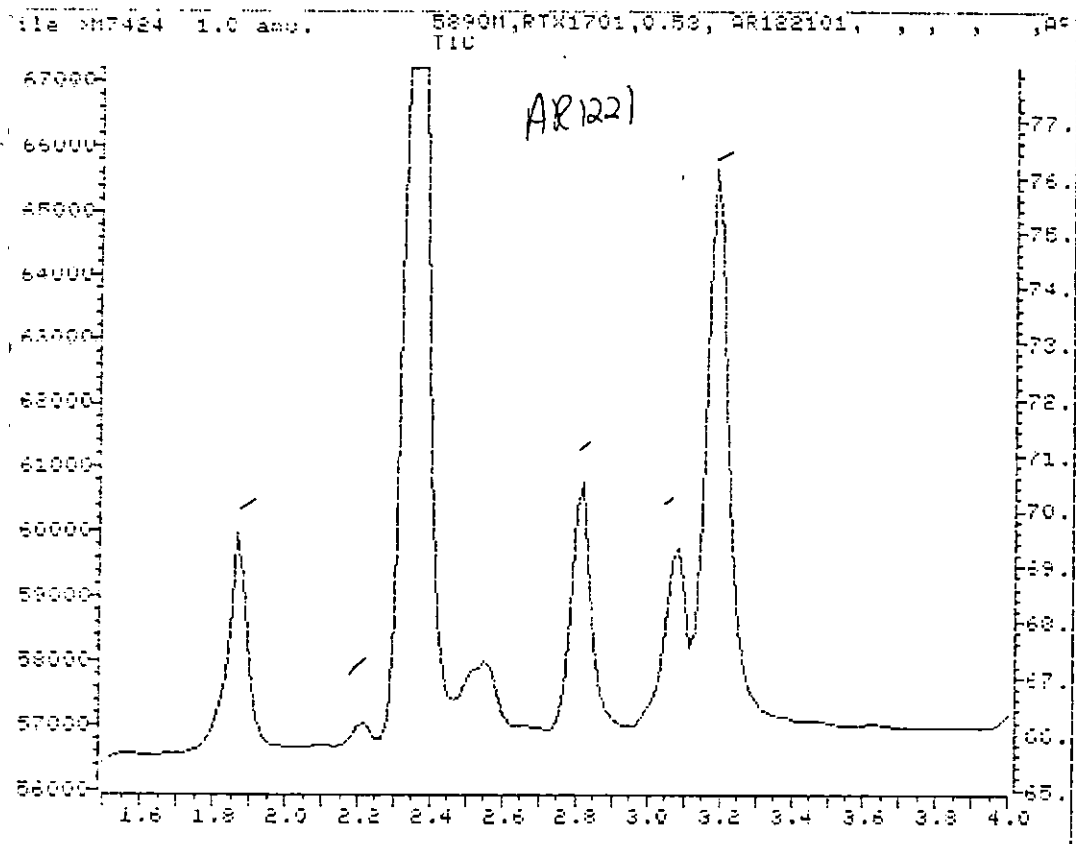
Last Calibration: 930215 09:47

Last Qcal Time: 940816 15:35

Operator ID: MANAGER

Quant Time : 940824 08:10

Injected at: 940823 14:54



QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940824 08:10

Output File: ^M7424::QT

Injected at: 940823 14:54

Data File: >M7424::M1

Dilution Factor: 1.00000

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: AR122101, , , ,AR122101,

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

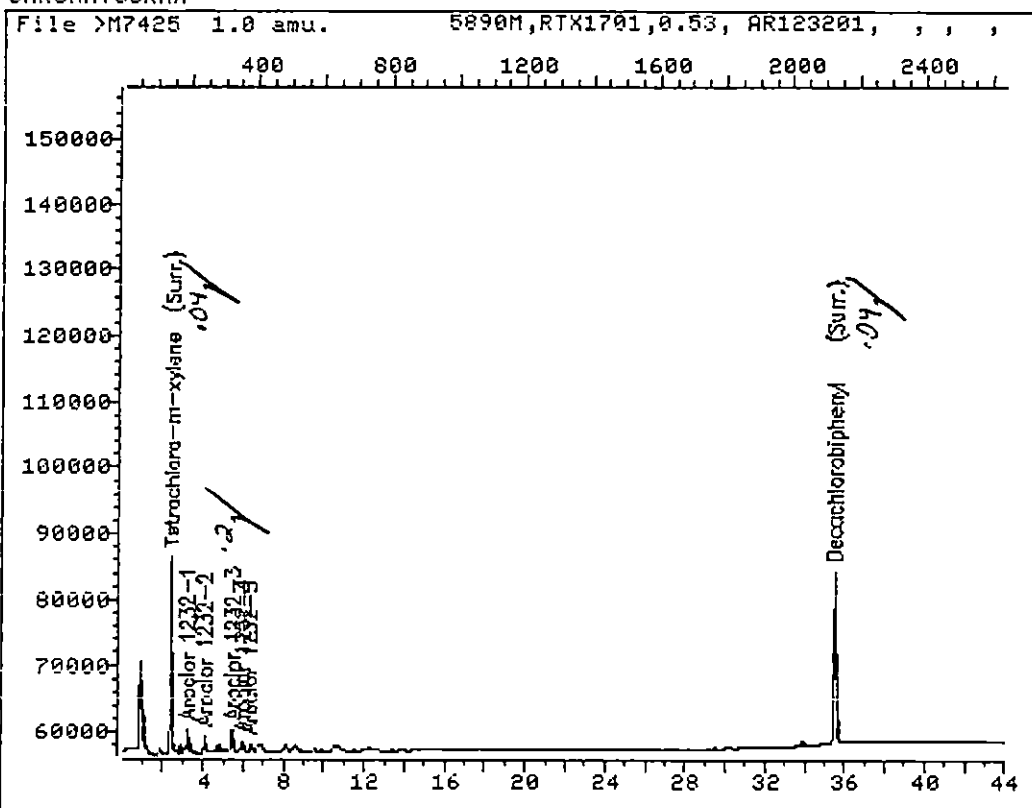
Last Calibration: 930215 09:47

Last Qcal Time: 940816 15:35

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.35	141	100001	.0164	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.43	2126	186112	.0237	NG	100
31)	#Aroclor 1221-1	1.87	112	13416	.156	NG	100
32)	#Aroclor 1221-2	2.22	133	1312	.0877	NG	100
33)	#Aroclor 1221-3	2.55	153	6309M	.0712	NG	100
34)	#Aroclor 1221-4	2.82	169	17229M	.241	NG	100
35)	#Aroclor 1221-5	3.18	191	39239	.169	NG	100

Compound uses ESTD

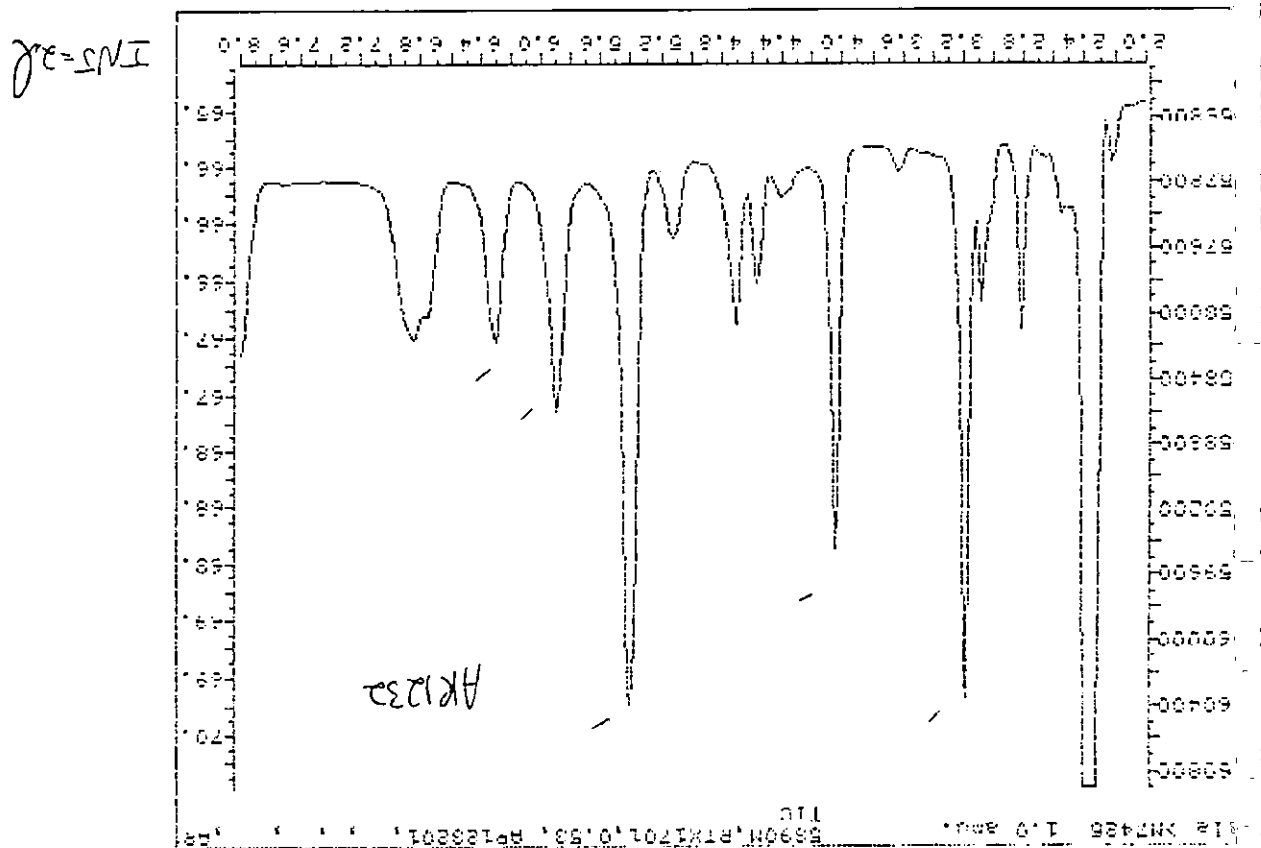
CHROMATOGRAM



Data File: >M7425::M1 Quant Output File: ^M7425::QT
 Name: 5890M,RTX1701,0.53, Instrument ID: M
 Misc: AR123201, , , , AR123201,

 Id File: IDM390::SC
 Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
 Last Calibration: 930215 09:47 Last Qcal Time: 940816 15:35

 Operator ID: MANAGER
 Quant Time : 940824 08:11
 Injected at: 940823 15:45



QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7425::QT
Data File: >M7425::M1
Name: 5890M,RTX1701,0.53,
Misc: AR123201, , , ,AR123201,

Quant Rev: 7 Quant Time: 940824 08:11
 Injected at: 940823 15:45
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

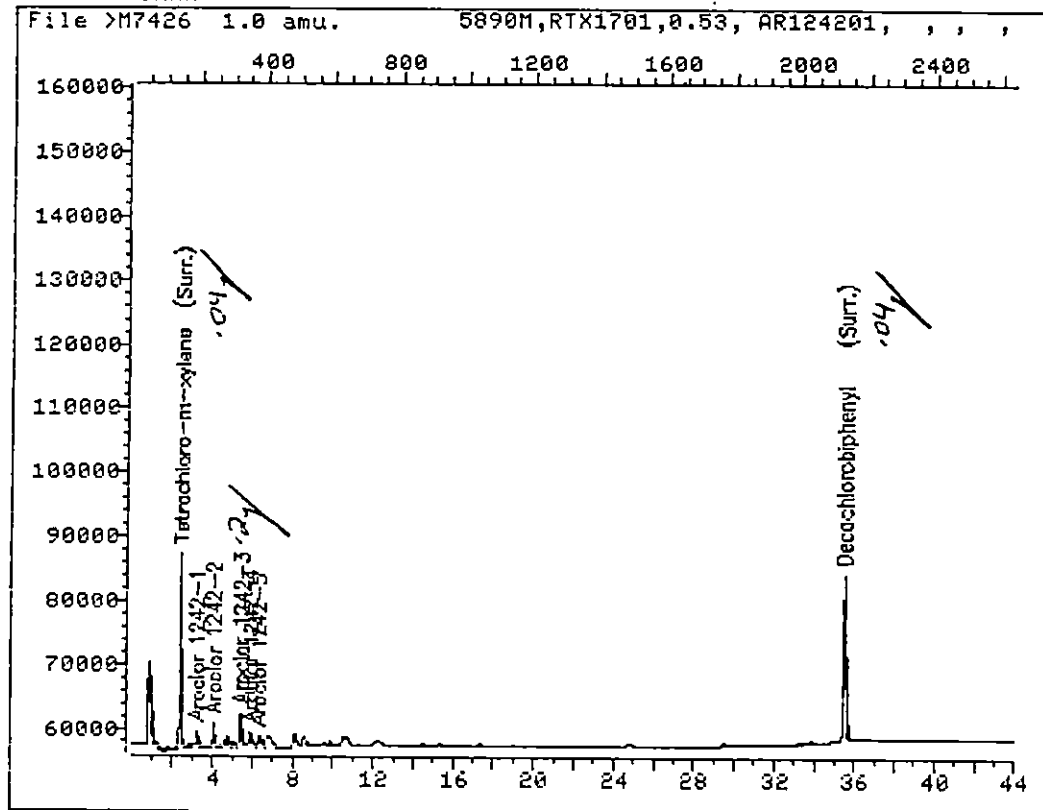
Last Calibration: 930215 09:47

Last Qcal Time: 940816 15:35

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.35	141	104831	.0172	NG	100
11) #Decachlorobiphenyl (Surr.)	35.43	2126	197327	.0252	NG	100
36) #Aroclor 1232-1	3.18	191	15227	.0900	NG	100
37) #Aroclor 1232-2	4.05	243	12424	.0806	NG	100
38) #Aroclor 1232-3	5.40	324	23656	.0796	NG	100
39) #Aroclor 1232-4	5.90	354	11567	.0828	NG	100
40) #Aroclor 1232-5	6.30	378	7415	.0742	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7426::M1

Quant Output File: ^M7426::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: AR124201, , , , AR124201,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

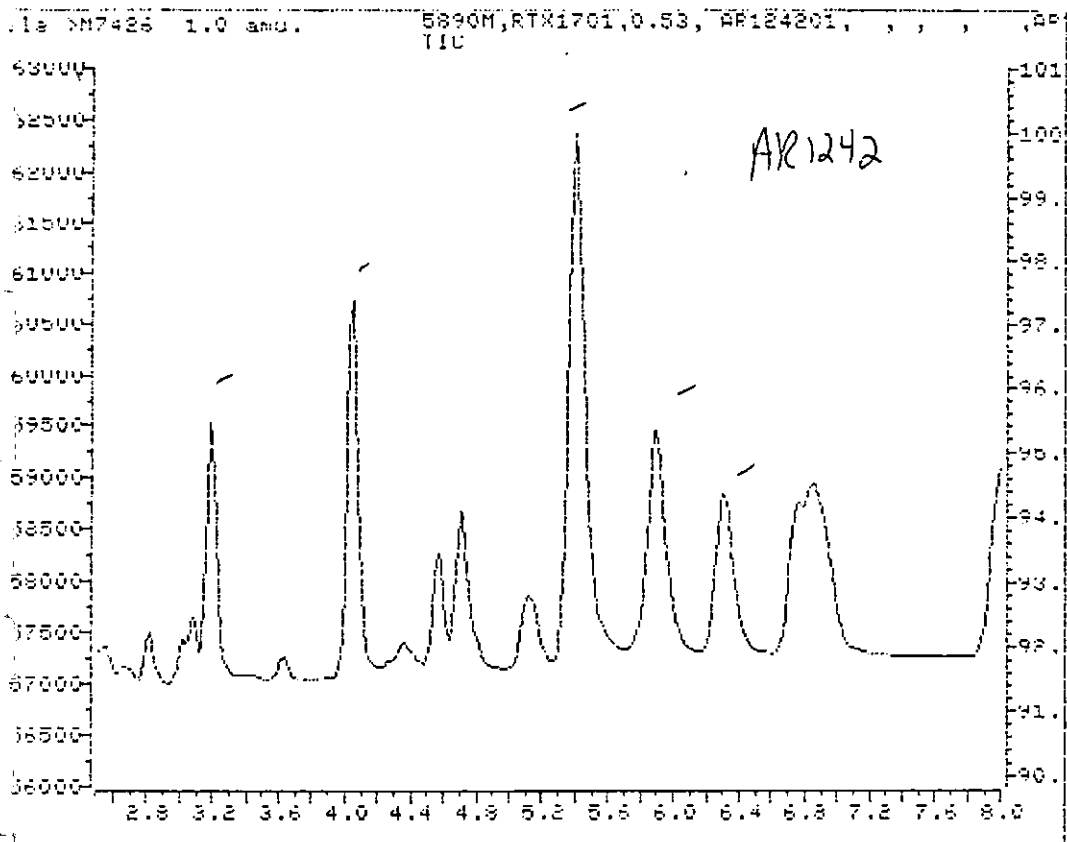
Last Calibration: 930215 09:47

Last Qcal Time: 940816 15:35

Operator ID: MANAGER

Quant Time : 940824 08:12

Injected at: 940823 16:36



QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940824 08:12

Output File: ^M7426::QT

Injected at: 940823 16:36

Data File: >M7426::M1

Dilution Factor: 1.00000

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: AR124201, , , ,AR124201,

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

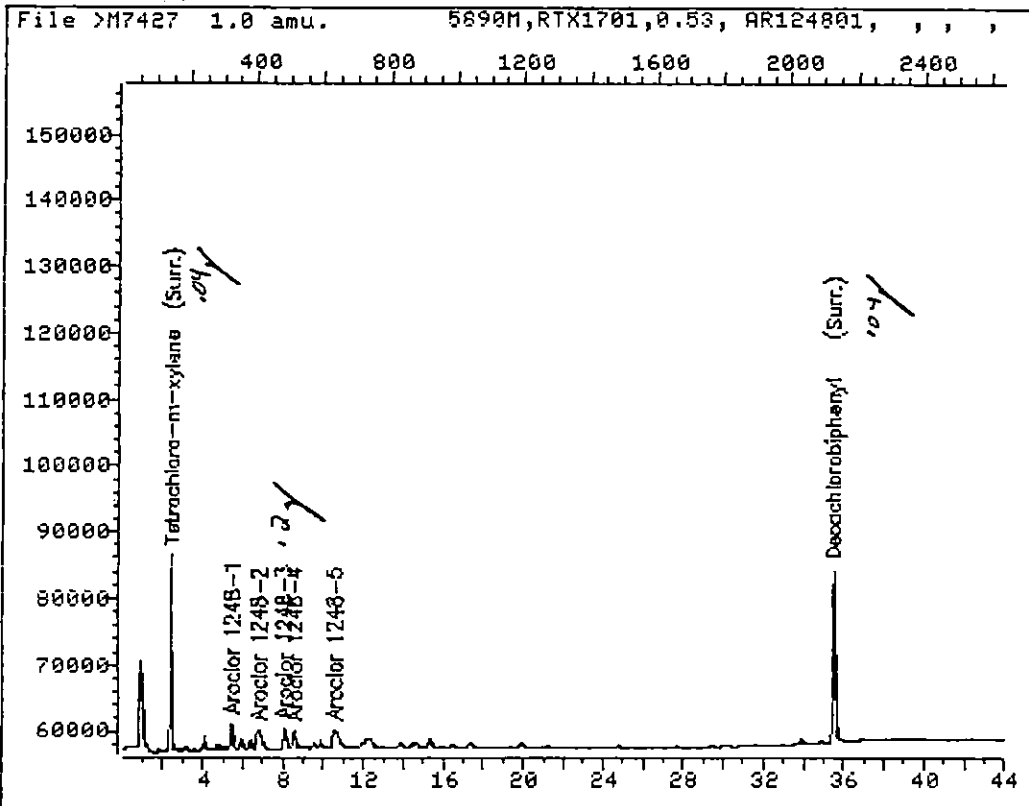
Last Calibration: 930215 09:47

Last Qcal Time: 940816 15:35

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.35	141	106664	.0175	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.43	2126	197167	.0251	NG	100
41)	#Aroclor 1242-1	3.18	191	10638	.0895	NG	100
42)	#Aroclor 1242-2	4.05	243	18015	.0861	NG	100
43)	#Aroclor 1242-3	5.40	324	36928	.0835	NG	100
44)	#Aroclor 1242-4	5.88	353	18087	.0869	NG	100
45)	#Aroclor 1242-5	6.30	378	12000	.0791	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7427::M1

Quant Output File: ^M7427::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: AR124801, , , , AR124801,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

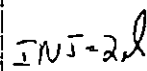
Last Qcal Time: 940816 15:35

Operator ID: MANAGER

Quant Time : 940824 08:12

Injected at: 940823 17:27

TLC



QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7427::QT
Data File: >M7427::M1
Name: 5890M,RTX1701,0.53,
Misc: AR124801, , , ,AR124801,

Quant Rev: 7 Quant Time: 940824 08:12
 Injected at: 940823 17:27
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

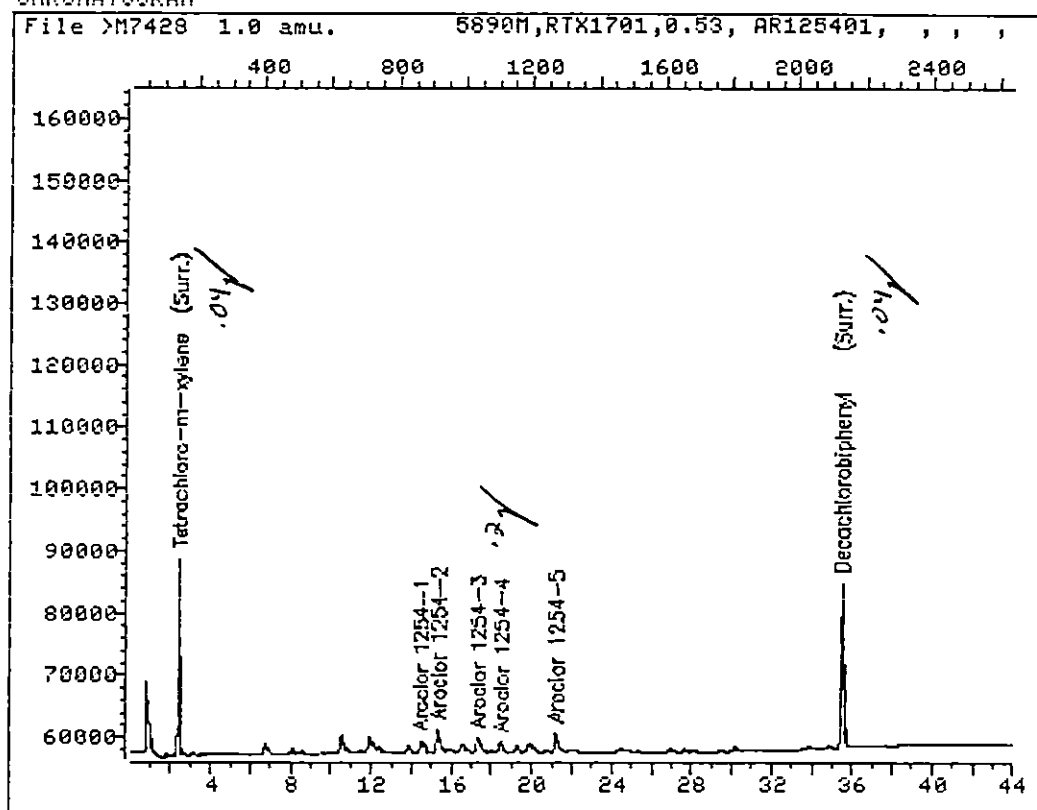
Last Calibration: 930215 09:47

Last Qcal Time: 940816 15:35

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.35	141	108399	.0178	NG	100
11) #Decachlorobiphenyl (Surr.)	35.42	2125	197024	.0251	NG	100
46) #Aroclor 1248-1	5.40	324	28855	.0812	NG	100
47) #Aroclor 1248-2	6.75	405	17616	.0891	NG	100
48) #Aroclor 1248-3	7.98	479	32127	.0821	NG	100
49) #Aroclor 1248-4	8.53	512	25866	.0825	NG	100
50) #Aroclor 1248-5	10.48	629	29160	.0877	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7428::M1

Quant Output File: ^M7428::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: AR125401, , , , AR125401,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

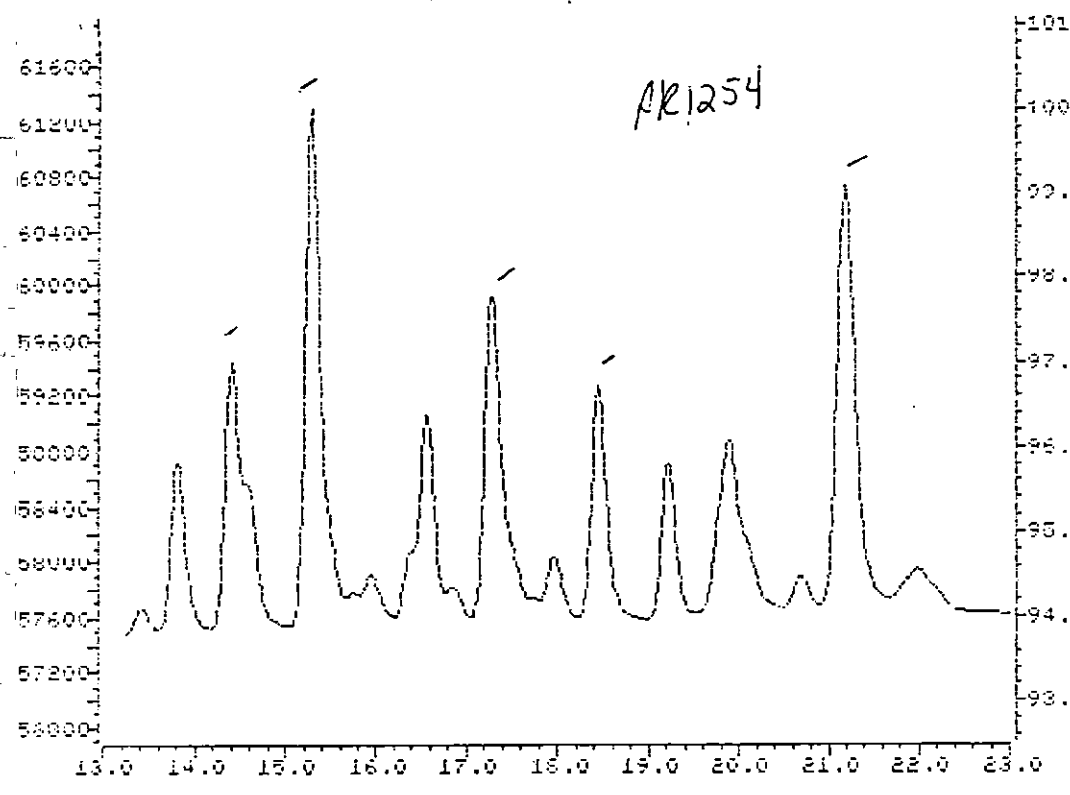
Last Qcal Time: 940816 15:35

Operator ID: MANAGER

Quant Time : 940824 08:13

Injected at: 940823 18:18

File VN7438 1.0 amp. 5890M,RTN1701,0.53, R2125401, . . . , 00
TIC



INS=2.2

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7428::QT
Data File: >M7428::M1
Name: 5890M,RTX1701,0.53,
Misc: AR125401, , , ,AR125401,

Quant Rev: 7 Quant Time: 940824 08:13
 Injected at: 940823 18:18
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

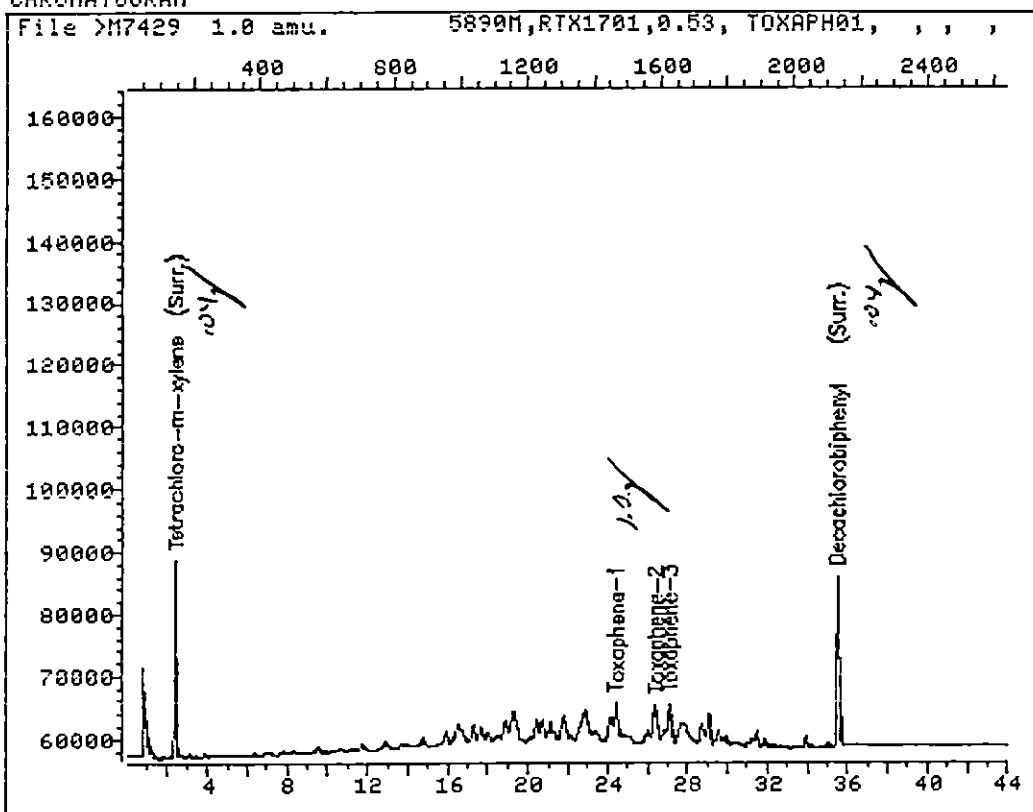
Last Calibration: 930215 09:47

Last Qcal Time: 940816 15:35

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.35	141	109119	.0179	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.43	2126	199225	.0254	NG	100
51)	#Aroclor 1254-1	14.42	865	20896	.0832	NG	100
52)	#Aroclor 1254-2	15.30	918	46471	.0845	NG	100
53)	#Aroclor 1254-3	17.28	1037	32240	.0868	NG	100
54)	#Aroclor 1254-4	18.45	1107	18679	.0817	NG	100
55)	#Aroclor 1254-5	21.18	1271	43918	.0834	NG	100

Compound uses ESTD

CHROMATOGRAM



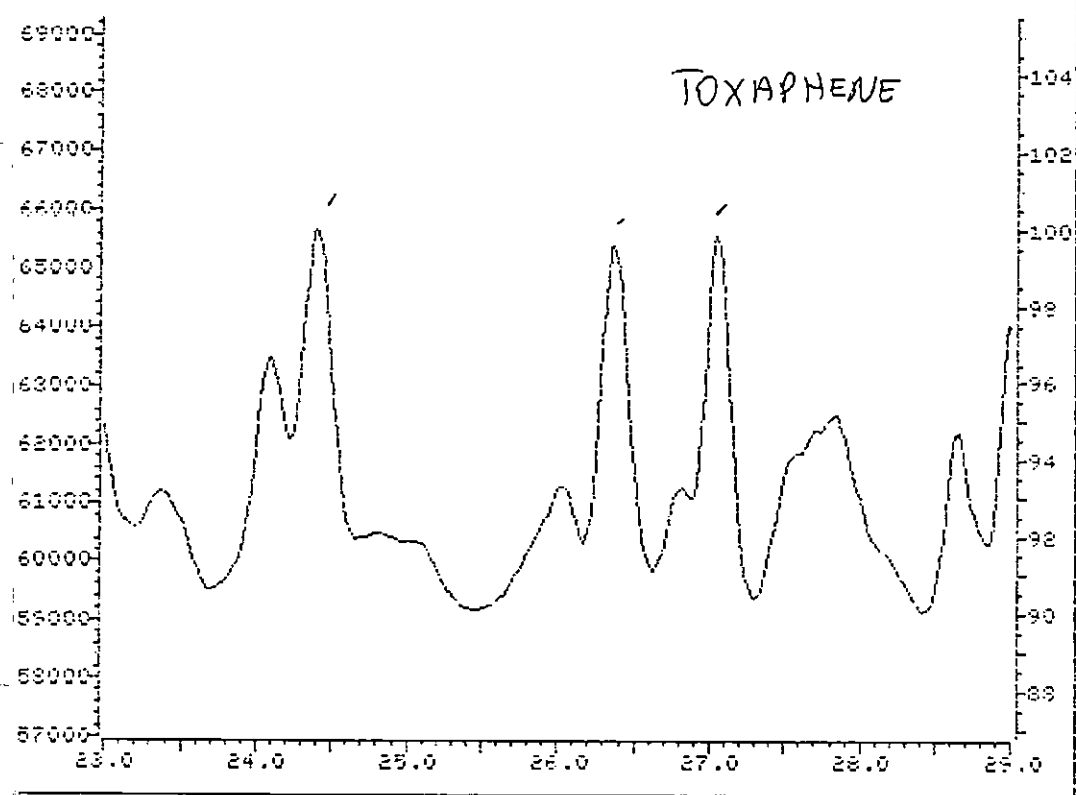
Data File: >M7429::M1
Name: 5890M,RTX1701,0.53,
Misc: TOXAPH01, , , , ,TOXAPH01,

Quant Output File: ^M7429::QT
Instrument ID: M

Id File: IDM390::SC
Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
Last Calibration: 930215 09:47 Last Qcal Time: 940816 15:35

Operator ID: MANAGER
Quant Time : 940824 08:14
Injected at: 940823 19:09

11a SN7429 1.0 amu. 5590M,RTX1701,0.53,TOXAPH01, , , ,.TO
TIC



INT-22

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7429::QT
Data File: >M7429::M1
Name: 5890M,RTX1701,0.53,
Misc: TOXAPH01, , , ,TOXAPH01,

Quant Rev: 7 Quant Time: 940824 08:14
 Injected at: 940823 19:09
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

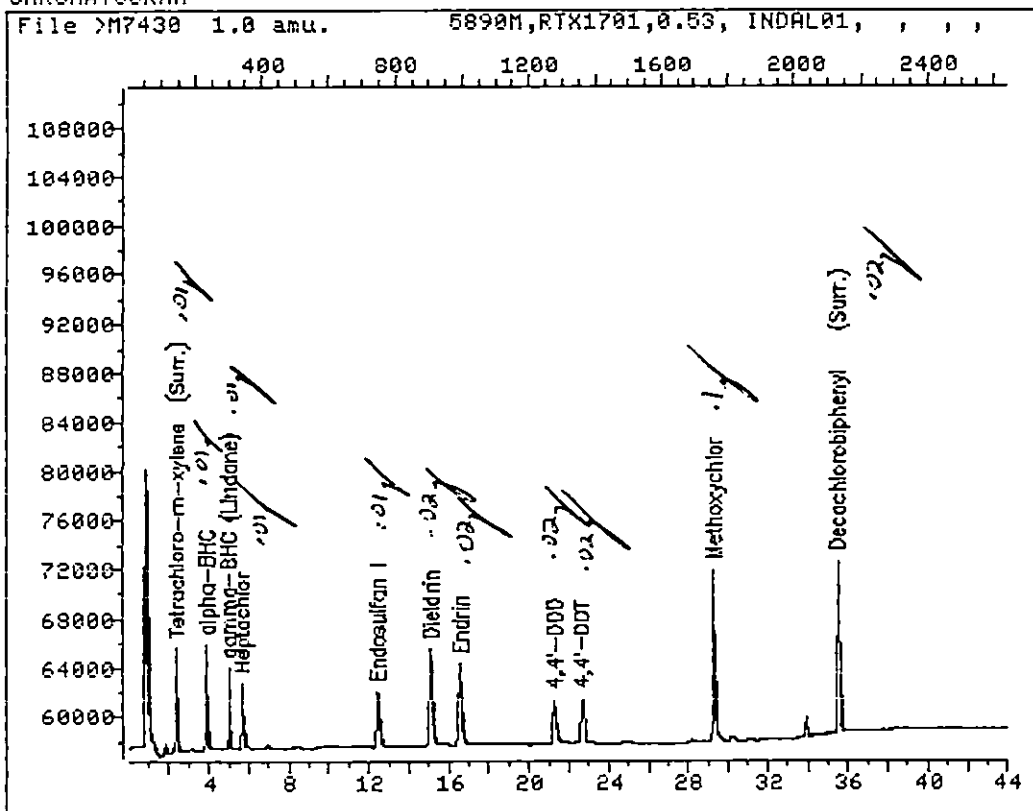
Last Calibration: 930215 09:47

Last Qcal Time: 940816 15:35

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	115591	.0189	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.45	2127	207975	.0265	NG	100
23)	#Toxaphene-1	24.40	1464	70320M	.397	NG	
24)	#Toxaphene-2	26.37	1582	70956M	.400	NG	100
25)	#Toxaphene-3	27.05	1623	69751M	.429	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7430::M1

Quant Output File: ^M7430::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: INDAL01, , , , INDAL01,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 11:16

Injected at: 940823 20:00

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7430::QT
Data File: >M7430::M1
Name: 5890M,RTX1701,0.53,
Misc: INDAL01, , , ,INDAL01,

Quant Rev: 7 Quant Time: 940824 11:16
 Injected at: 940823 20:00
Dilution Factor: 1.00000
Instrument ID: M

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

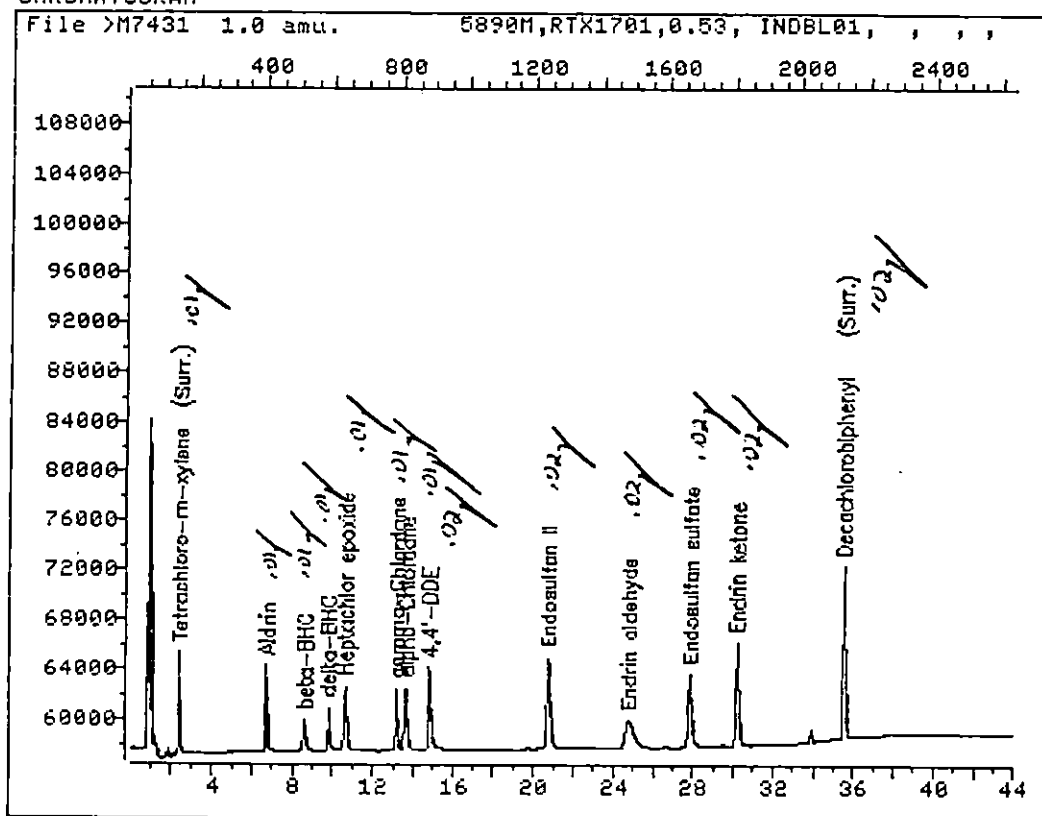
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#alpha-BHC	3.88	233	36647	.00851	NG	100
2)	#gamma-BHC (Lindane)	4.98	299	34255	.00918	NG	100
3)	#Heptachlor	5.67	340	29240	.0102	NG	100
4)	#Endosulfan I	12.40	744	45751	.0102	NG	100
5)	#Dieldrin	15.08	905	77223	.0188	NG	100
6)	#Endrin	16.57	994	67904	.0194	NG	100
7)	#4,4'-DDD	21.27	1276	48888	.0190	NG	100
8)	#4,4'-DDT	22.62	1357	45160	.0178	NG	100
9)	#Methoxychlor	29.25	1755	135831	.103	NG	100
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	29193	.0106	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.45	2127	103655	.0235	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7431::M1

Quant Output File: ^M7431::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: INDBL01, , , , INDBL01,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 11:25

Injected at: 940823 20:51

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7431::QT
Data File: >M7431::M1
Name: 5890M,RTX1701,0.53,
Misc: INDBL01, , , , INDBL01,

Quant Rev: 7 Quant Time: 940824 11:25
 Injected at: 940823 20:51
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

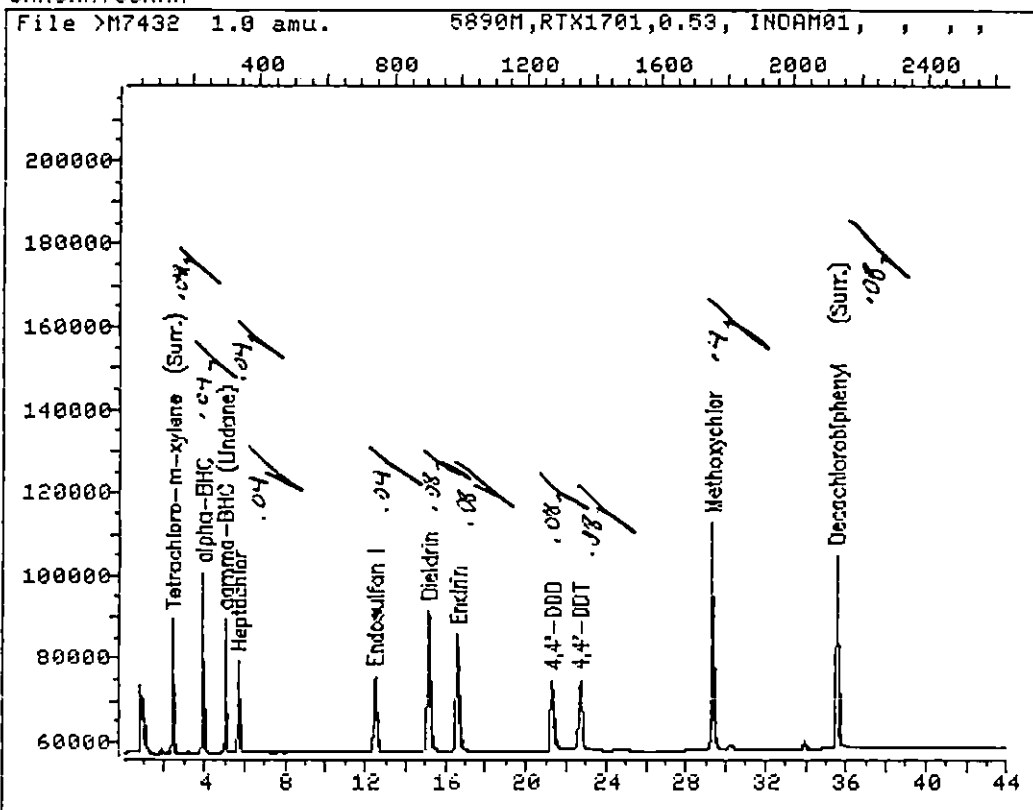
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.37	142	28340	.0103	NG	100
11) #Decachlorobiphenyl (Surr.)	35.47	2128	104560	.0237	NG	100
12) #Aldrin	6.70	402	43151	.00936	NG	100
13) #beta-BHC	8.58	515	23952	.0108	NG	100
14) #delta-BHC	9.77	586	34087	.00873	NG	100
15) #Heptachlor epoxide	10.62	637	47735	.0103	NG	100
16) #gamma-Chlordane	13.12	787	48695	.0105	NG	100
17) #alpha-Chlordane	13.62	817	49026	.0101	NG	100
18) #4,4'-DDE	14.80	888	73232	.0193	NG	100
19) #Endosulfan II	20.68	1241	85199	.0210	NG	100
20) #Endrin aldehyde	24.75	1485	65880	.0233	NG	100
21) #Endosulfan sulfate	27.85	1671	68560	.0212	NG	100
22) #Endrin ketone	30.13	1808	77759	.0204	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7432::M1

Quant Output File: ^M7432::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: INDAM01, , , , INDAM01,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE RtX1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 11:17

Injected at: 940823 21:42

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7432::QT
Data File: ^M7432::M1
Name: 5890M,RTX1701,0.53,
Misc: INDAM01, , , ,INDAM01,

Quant Rev: 7 Quant Time: 940824 11:17
 Injected at: 940823 21:42
Dilution Factor: 1.00000
Instrument ID: M

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

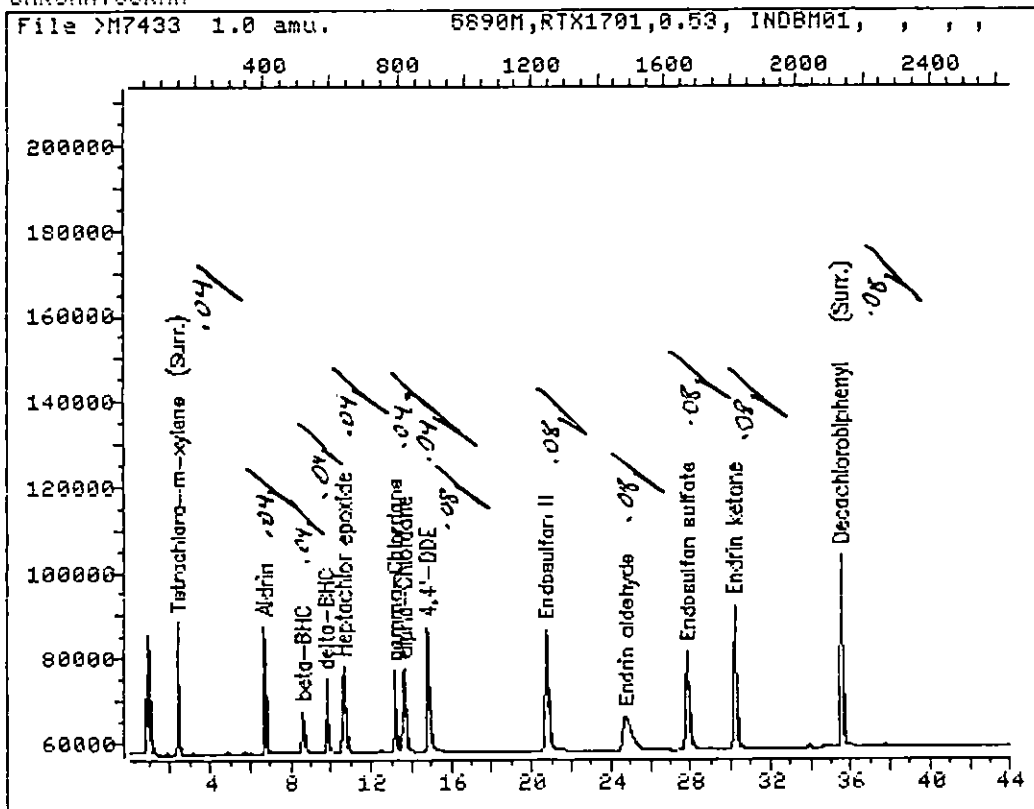
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	3.88	233	172344	.0400	NG	100
2) #gamma-BHC (Lindane)	4.98	299	152447	.0409	NG	100
3) #Heptachlor	5.68	341	117544	.0412	NG	100
4) #Endosulfan I	12.42	745	180591	.0403	NG	100
5) #Dieldrin	15.10	906	330451	.0802	NG	100
6) #Endrin	16.58	995	280768	.0803	NG	100
7) #4,4'-DDD	21.28	1277	208095	.0808	NG	100
8) #4,4'-DDT	22.63	1358	206663	.0812	NG	100
9) #Methoxychlor	29.27	1756	528744	.401	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.37	142	110577	.0400	NG	100
11) #Decachlorobiphenyl (Surr.)	35.47	2128	355424	.0805	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7433::M1

Quant Output File: ^M7433::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: INDBM01, , , , INDBM01,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 11:26

Injected at: 940823 22:33

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7433::QT
Data File: >M7433::M1
Name: 5890M,RTX1701,0.53,
Misc: INDBM01, , , ,INDBM01,

Quant Rev: 7 Quant Time: 940824 11:26
 Injected at: 940823 22:33
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

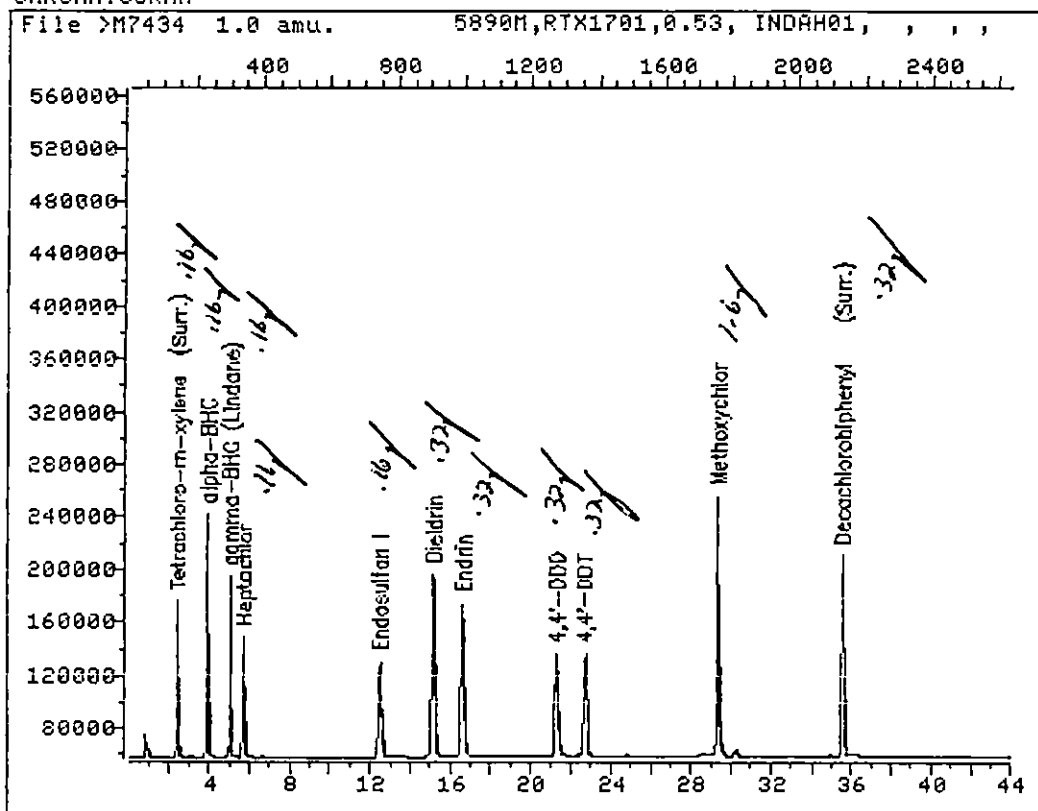
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	102853	.0372	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.47	2128	346816	.0786	NG	100
12)	#Aldrin	6.70	402	184376	.0400	NG	100
13)	#beta-BHC	8.58	515	88672	.0400	NG	100
14)	#delta-BHC	9.77	586	156168	.0400	NG	100
15)	#Heptachlor epoxide	10.63	638	186127	.0402	NG	100
16)	#gamma-Chlordane	13.12	787	185647	.0400	NG	100
17)	#alpha-Chlordane	13.62	817	195069	.0403	NG	100
18)	#4,4'-DDE	14.80	888	305776	.0804	NG	100
19)	#Endosulfan II	20.70	1242	326920	.0805	NG	100
20)	#Endrin aldehyde	24.75	1485	234968	.0831	NG	100
21)	#Endosulfan sulfate	27.85	1671	259984	.0806	NG	100
22)	#Endrin ketone	30.13	1808	305623	.0803	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7434::M1

Quant Output File: ^M7434::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: INDAH01, , , , INDAH01,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

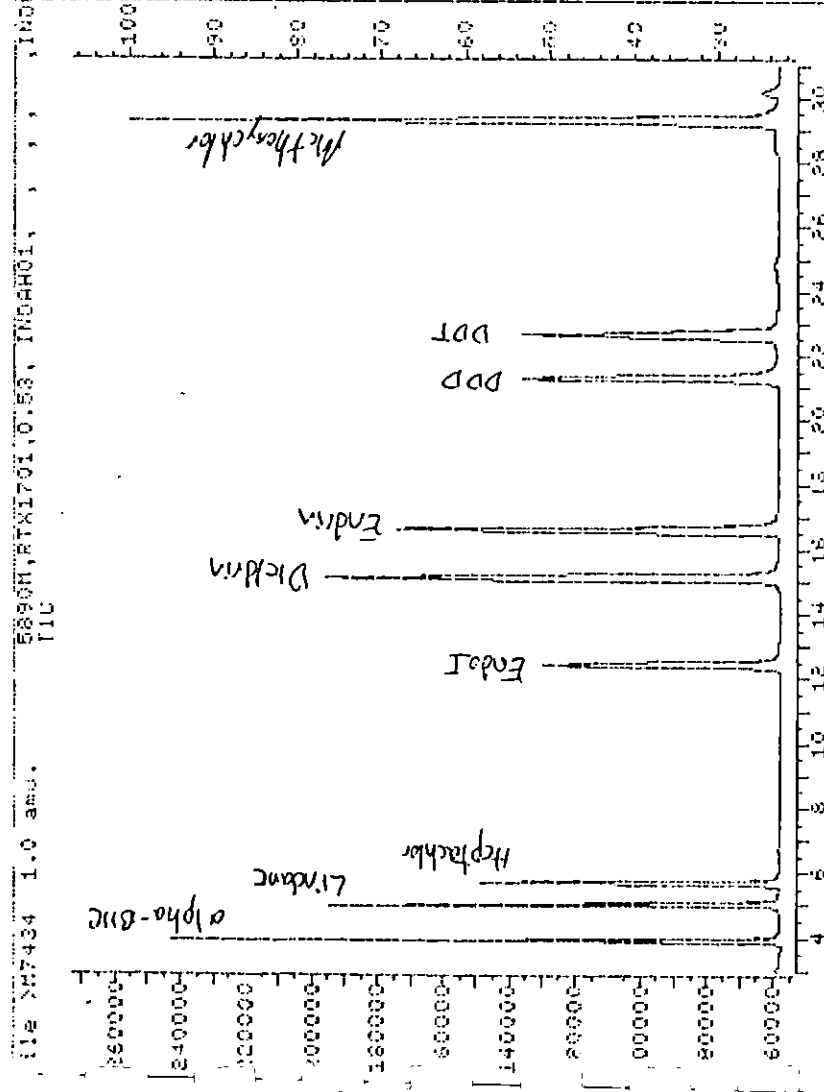
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

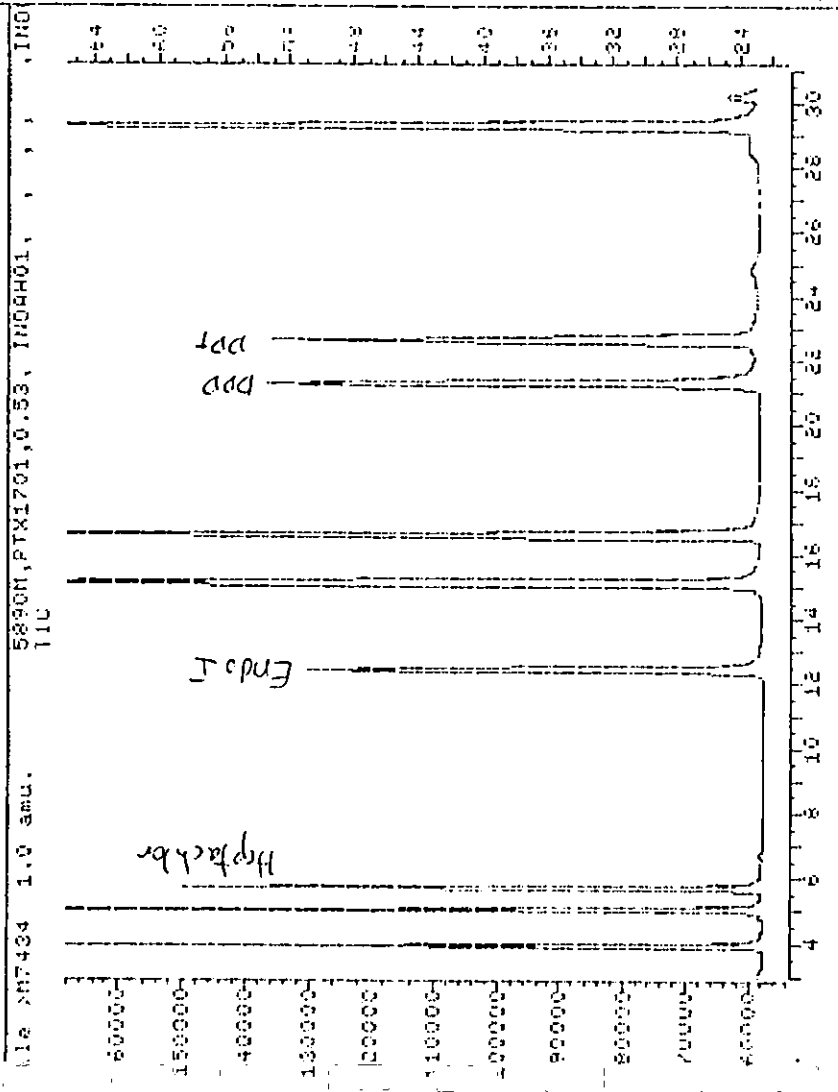
Operator ID: MANAGER

Quant Time : 940824 11:25

Injected at: 940823 23:24



IN05-2d



IN05-2d

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7434::QT
Data File: >M7434::M1
Sample: 5890M, RTX1701, 0.53,
Misc: INDAH01, , , , INDAH01,

Quant Rev: 7 Quant Time: 940824 11:25
 Injected at: 940823 23:24
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

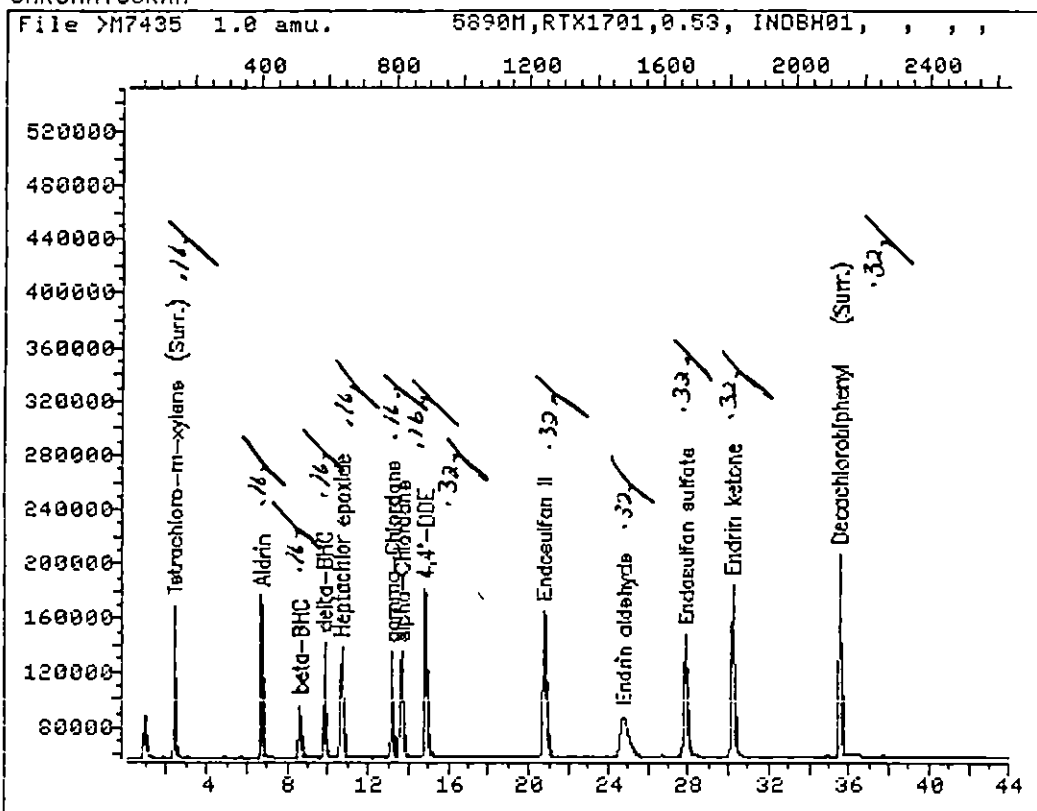
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	3.88	233	765194	.178	NG	100
2) #gamma-BHC (Lindane)	4.98	299	678356	.182	NG	100
3) #Heptachlor	5.68	341	506504	.177	NG	100
4) #Endosulfan I	12.42	745	722368	.161	NG	100
5) #Dieldrin	15.10	906	1375045	.334	NG	100
6) #Endrin	16.58	995	1171791	.335	NG	100
7) #4,4'-DDD	21.27	1276	940705	.365	NG	100
8) #4,4'-DDT	22.62	1357	955880	.376	NG	100
9) #Methoxychlor	29.25	1755	1955404	1.48	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.37	142	421281	.152	NG	100
11) #Decachlorobiphenyl (Surr.)	35.47	2128	1181555	.268	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7435::M1

Quant Output File: ^M7435::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: INDBH01, , , , INDBH01,

Id File: ID390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

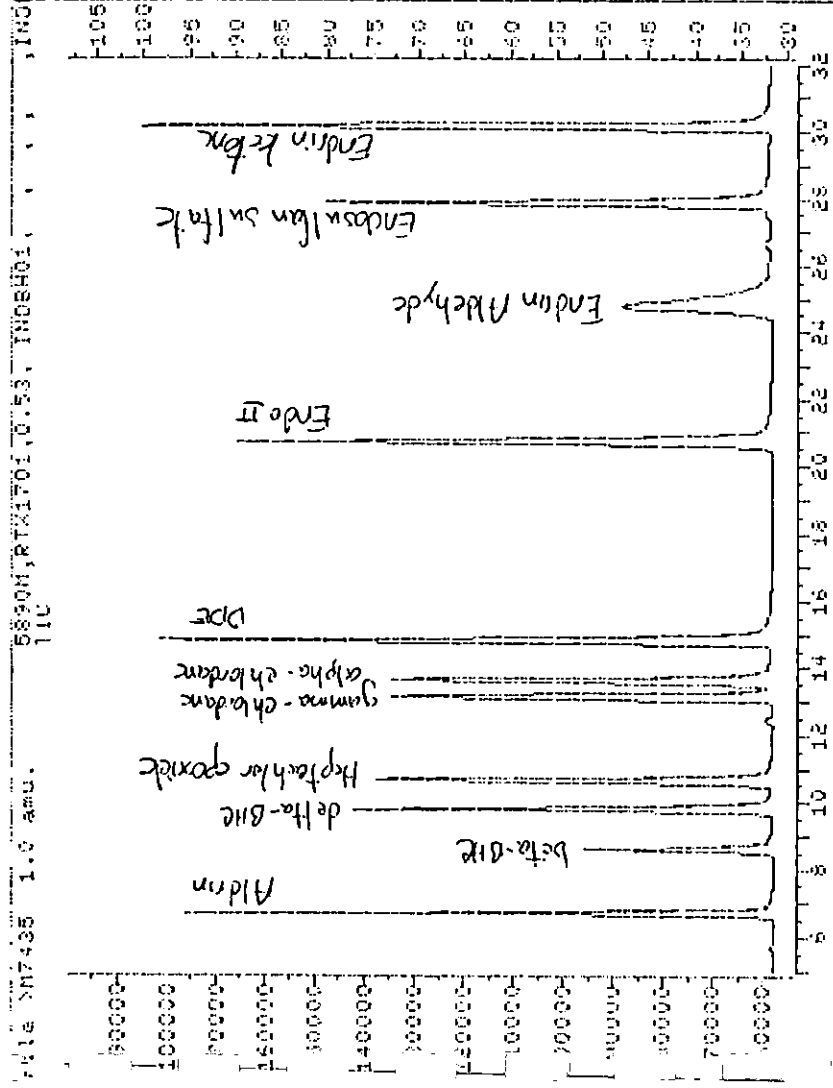
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

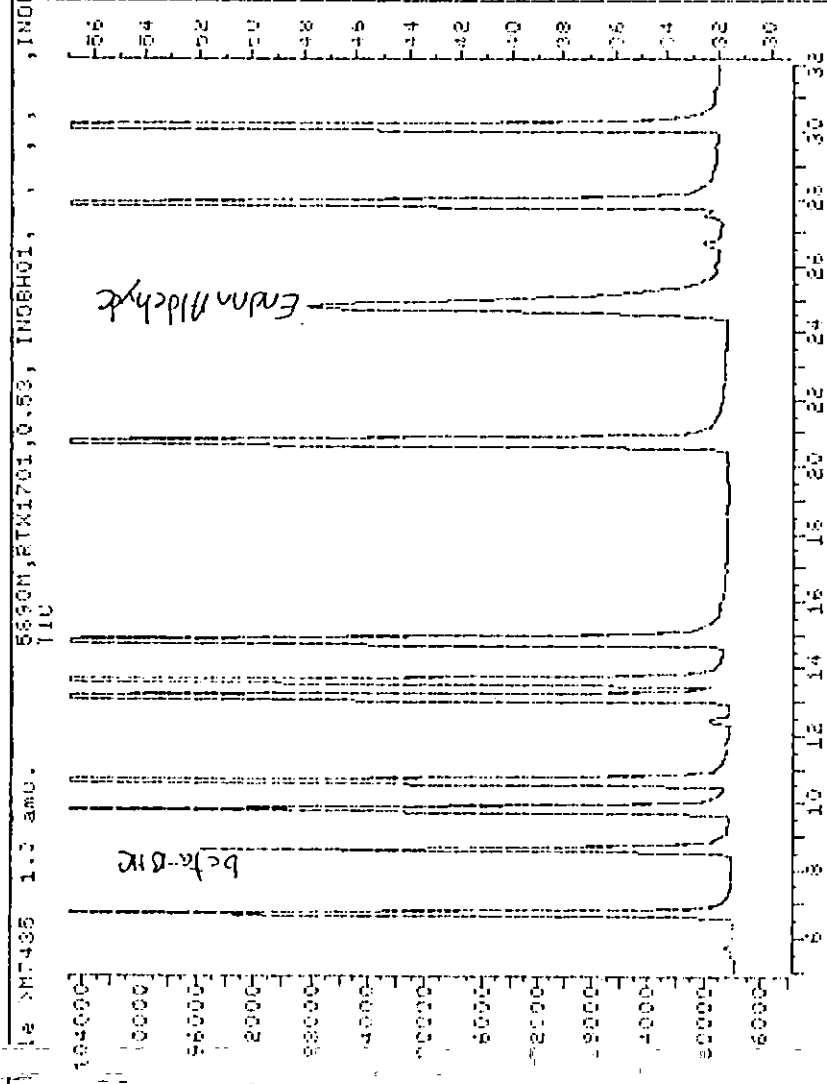
Operator ID: MANAGER

Quant Time : 940824 11:27

Injected at: 940824 00:15



INV-2d



INV-2d

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7435::QT
Data File: >M7435::M1
Name: 5890M, RTX1701, 0.53,
Misc: INDBH01, , , , INDBH01,

Quant Rev: 7 Quant Time: 940824 11:27
 Injected at: 940824 00:15
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

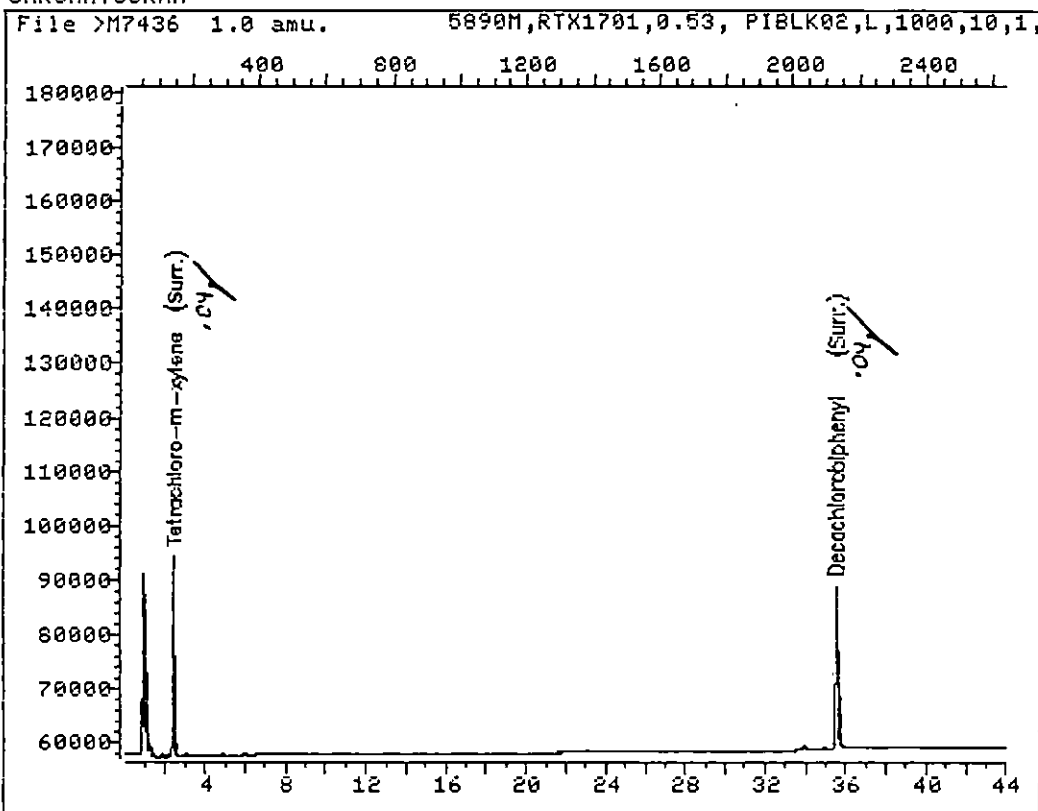
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.37	142	375552	.136	NG	100
11) #Decachlorobiphenyl (Surr.)	35.47	2128	1119541	.254	NG	100
12) #Aldrin	6.70	402	741300	.161	NG	100
13) #beta-BHC	8.58	515	329048	.148	NG	100
14) #delta-BHC	9.77	586	732904	.188	NG	100
15) #Heptachlor epoxide	10.63	638	736872	.159	NG	100
16) #gamma-Chlordane	13.13	788	735550	.158	NG	100
17) #alpha-Chlordane	13.63	818	762092	.158	NG	100
18) #4,4'-DDE	14.80	888	1282559	.337	NG	100
19) #Endosulfan II	20.70	1242	1223837	.301	NG	100
20) #Endrin aldehyde	24.75	1485	847881	.300	NG	100
21) #Endosulfan sulfate	27.85	1671	983423	.305	NG	100
22) #Endrin ketone	30.13	1808	1146810	.301	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7436::M1

Quant Output File: ^M7436::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: PIBLK02,L,1000,10,1,PIBLK02,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 12:13

Injected at: 940824 01:06

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7436::QT
Data File: >M7436::M1
Name: 5890M,RTX1701,0.53,
Misc: PIBLK02,L,1000,10,1,PIBLK02,

Quant Rev: 7 Quant Time: 940824 12:13
 Injected at: 940824 01:06
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

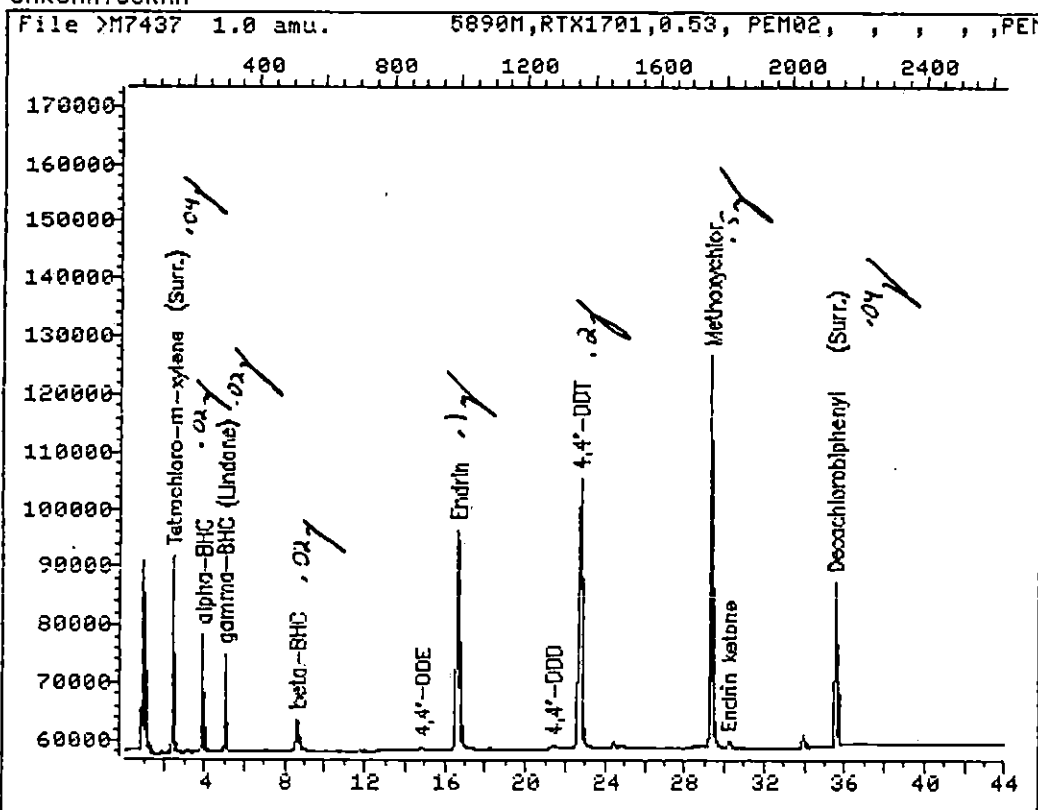
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound		R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene	(Surr.)	2.37	142	123524	.0447	NG	100
11) #Decachlorobiphenyl	(Surr.)	35.47	2128	224317	.0508	NG	100

Compound uses ESTD

CHROMATOGRAM

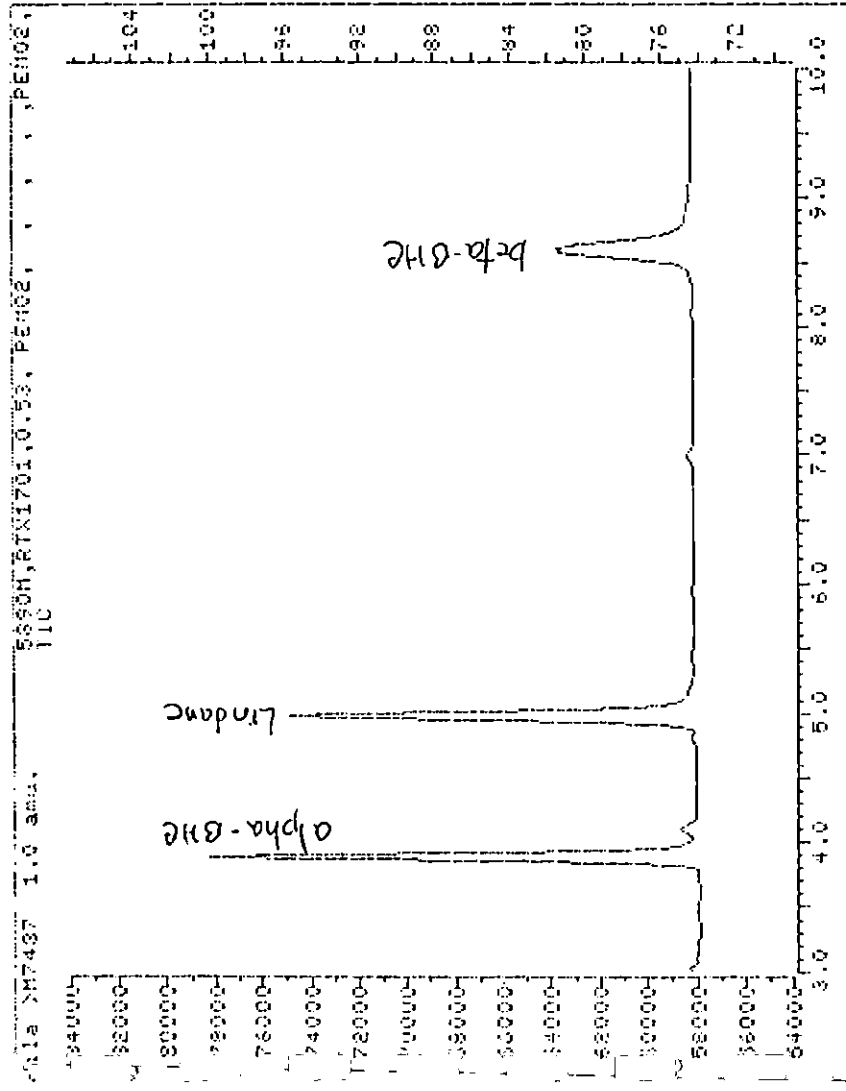


Data File: >M7437::M1
Name: 5890M,RTX1701,0.53,
Misc: PEM02, , , ,PEM02,

Quant Output File: ^M7437::QT
Instrument ID: M

Id File: IDM390::SC
Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
Last Calibration: 930215 09:47 Last Qcal Time: 940823 21:42

Operator ID: MANAGER
Quant Time : 940824 12:14
Injected at: 940824 01:57



QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7437::QT
Data File: >M7437::M1
Name: 5890M,RTX1701,0.53,
Misc: PEM02, , , ,PEM02,

Quant Rev: 7 Quant Time: 940824 12:14
 Injected at: 940824 01:57
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

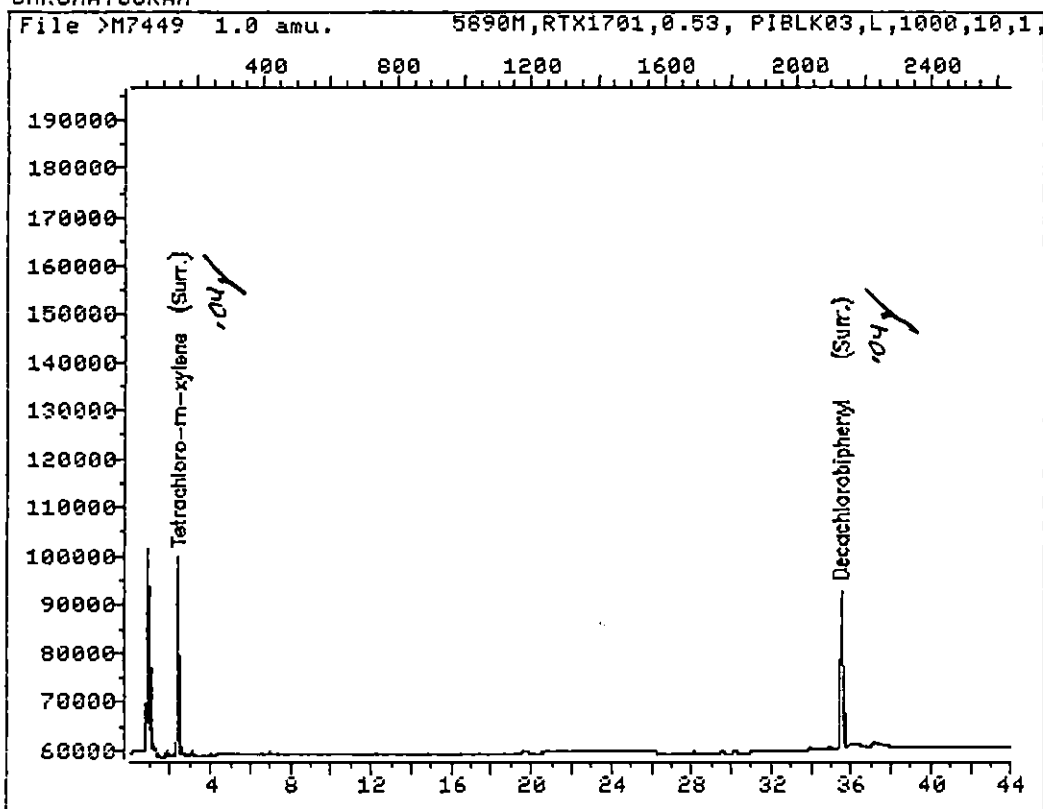
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	3.88	233	80968	.0188	NG	100
2) #gamma-BHC (Lindane)	4.98	299	83744	.0225	NG	100
6) #Endrin	16.60	996	385144	.110	NG	100
7) #4,4'-DDD	21.38	1283	11455	.00445	NG	100
8) #4,4'-DDT	22.63	1358	589240	.232	NG	100
9) #Methoxychlor	29.27	1756	663808	.504	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.37	142	116812	.0423	NG	100
11) #Decachlorobiphenyl (Surr.)	35.47	2128	213302	.0483	NG	100
13) #beta-BHC	8.60	516	53440	.0241	NG	100
18) #4,4'-DDE	14.83	890	5671	.00149	NG	100
22) #Endrin ketone	30.18	1811	14760	.00388	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7449::M1

Quant Output File: ^M7449::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: PIBLK03,L,1000,10,1,PIBLK03,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 13:52

Injected at: 940824 13:03

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7449::QT
Data File: >M7449::M1
Name: 5890M,RTX1701,0.53,
Misc: PIBLK03,L,1000,10,1,PIBLK03,

Quant Rev: 7 Quant Time: 940824 13:52
 Injected at: 940824 13:03
Dilution Factor: 1.00000
Instrument ID: M

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

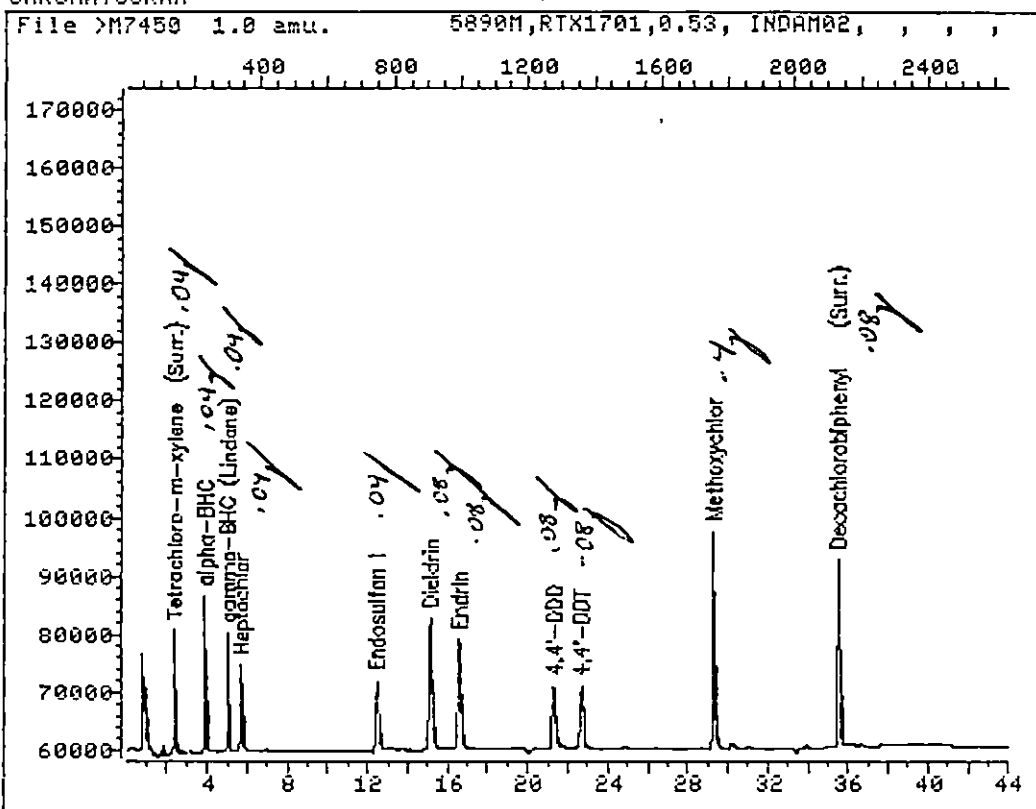
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.37	142	138821	.0502	NG	100
11) #Decachlorobiphenyl (Surr.)	35.45	2127	237486	.0538	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7450::M1

Quant Output File: ^M7450::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: INDAM02, , , , INDAM02,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 17:49

Injected at: 940824 16:52

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7450::QT
Data File: >M7450::M1
Sample: 5890M, RTX1701, 0.53,
Misc: INDAM02, , , , INDAM02,

Quant Rev: 7 Quant Time: 940824 17:49
 Injected at: 940824 16:52
Dilution Factor: 1.00000
Instrument ID: M

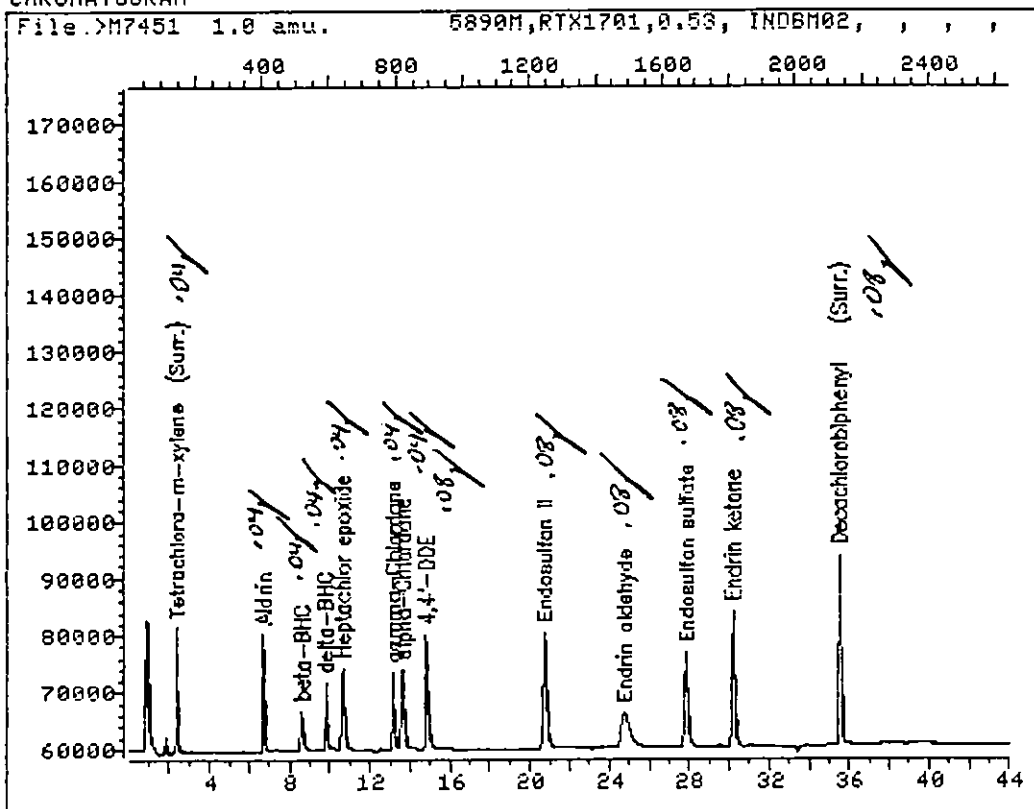
File: ID0390::SC
Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	3.90	234	133872	.0311	NG	100
2) #gamma-BHC (Lindane)	5.00	300	112536	.0302	NG	100
3) #Heptachlor	5.68	341	88909	.0311	NG	100
4) #Endosulfan I	12.43	746	136786	.0305	NG	100
5) #Dieldrin	15.12	907	264351	.0642	NG	100
6) #Endrin	16.60	996	243579	.0696	NG	100
7) #4,4'-DDD	21.30	1278	158200	.0614	NG	100
8) #4,4'-DDT	22.63	1358	162743	.0640	NG	100
9) #Methoxychlor	29.27	1756	458319	.348	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.37	142	92550	.0335	NG	100
11) #Decachlorobiphenyl (Surr.)	35.47	2128	291871	.0661	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7451::M1

Quant Output File: ^M7451::QT

Name: 5890M, RTX1701, 0.53,

Instrument ID: M

Misc: INDBM02, , , , INDBM02,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940825 07:53

Injected at: 940824 17:43

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7451::QT
Data File: >M7451::M1
Name: 5890M,RTX1701,0.53,
Misc: INDBM02, , , , INDBM02,

Quant Rev: 7 Quant Time: 940825 07:53
 Injected at: 940824 17:43
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

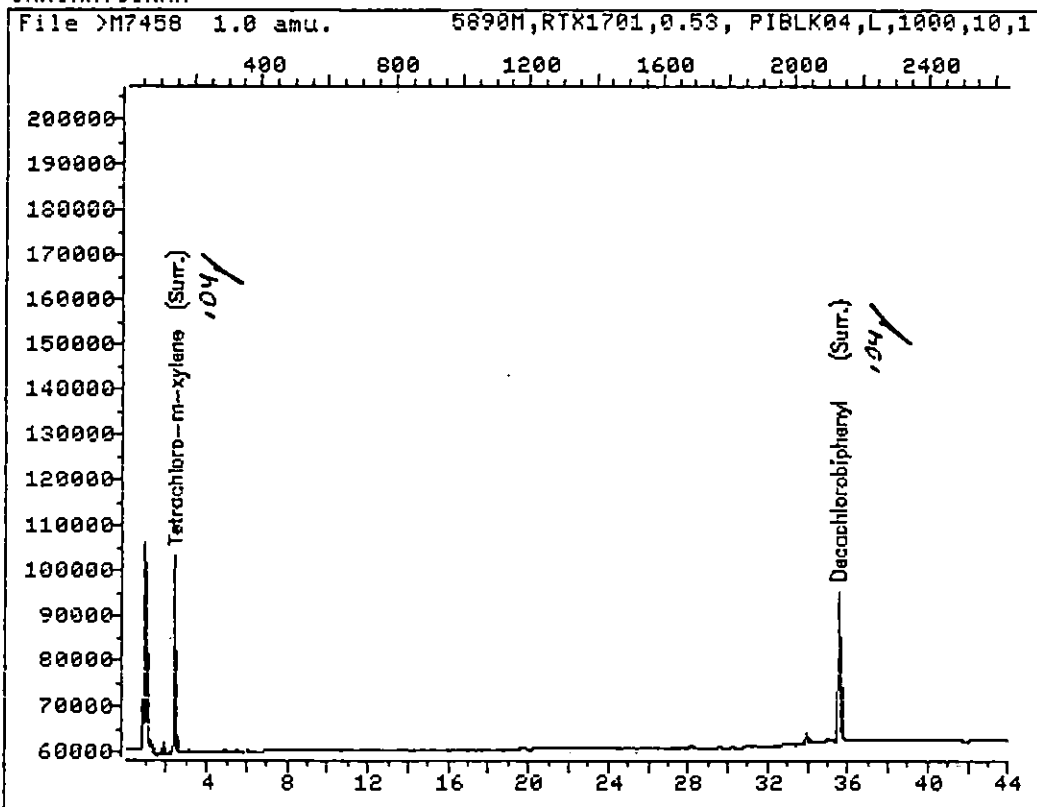
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	82907	.0300	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.47	2128	284777	.0645	NG	100
12)	#Aldrin	6.70	402	150984	.0328	NG	100
13)	#beta-BHC	8.58	515	79063	.0357	NG	100
14)	#delta-BHC	9.77	586	126405	.0324	NG	100
15)	#Heptachlor epoxide	10.62	637	145829	.0315	NG	100
16)	#gamma-Chlordane	13.12	787	143586	.0309	NG	100
17)	#alpha-Chlordane	13.62	817	151955	.0314	NG	100
18)	#4,4'-DDE	14.80	888	237808	.0625	NG	100
19)	#Endosulfan II	20.68	1241	253483	.0624	NG	100
20)	#Endrin aldehyde	24.75	1485	181560	.0642	NG	100
21)	#Endosulfan sulfate	27.85	1671	200424	.0621	NG	100
22)	#Endrin ketone	30.13	1808	232218	.0610	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7458::M1

Quant Output File: ^M7458::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: PIBLK04,L,1000,10,1,PIBLK04,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940825 07:54

Injected at: 940824 23:41

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7458::QT
Data File: >M7458::M1
Name: 5890M,RTX1701,0.53,
Misc: PIBLK04,L,1000,10,1,PIBLK04,

Quant Rev: 7 Quant Time: 940825 07:54
 Injected at: 940824 23:41
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

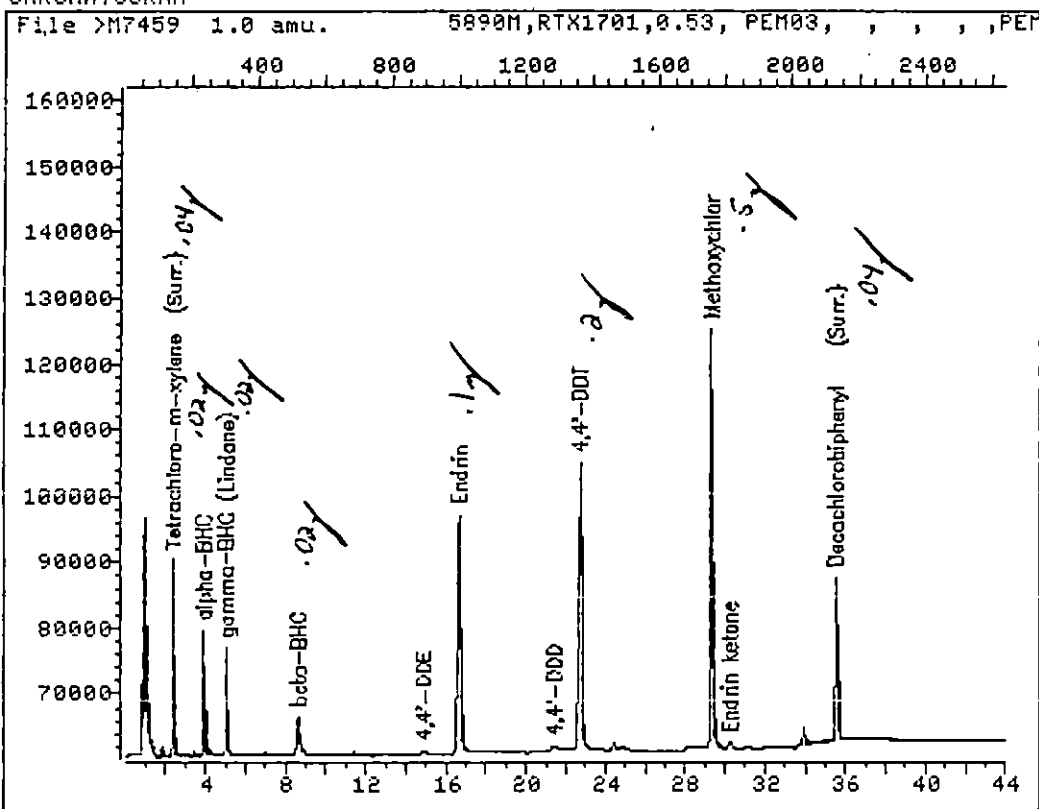
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	152752	.0553	NG	100	
11)	#Decachlorobiphenyl (Surr.)	35.48	2129	248208	.0562	NG	100	

Compound uses ESTD

CHROMATOGRAM

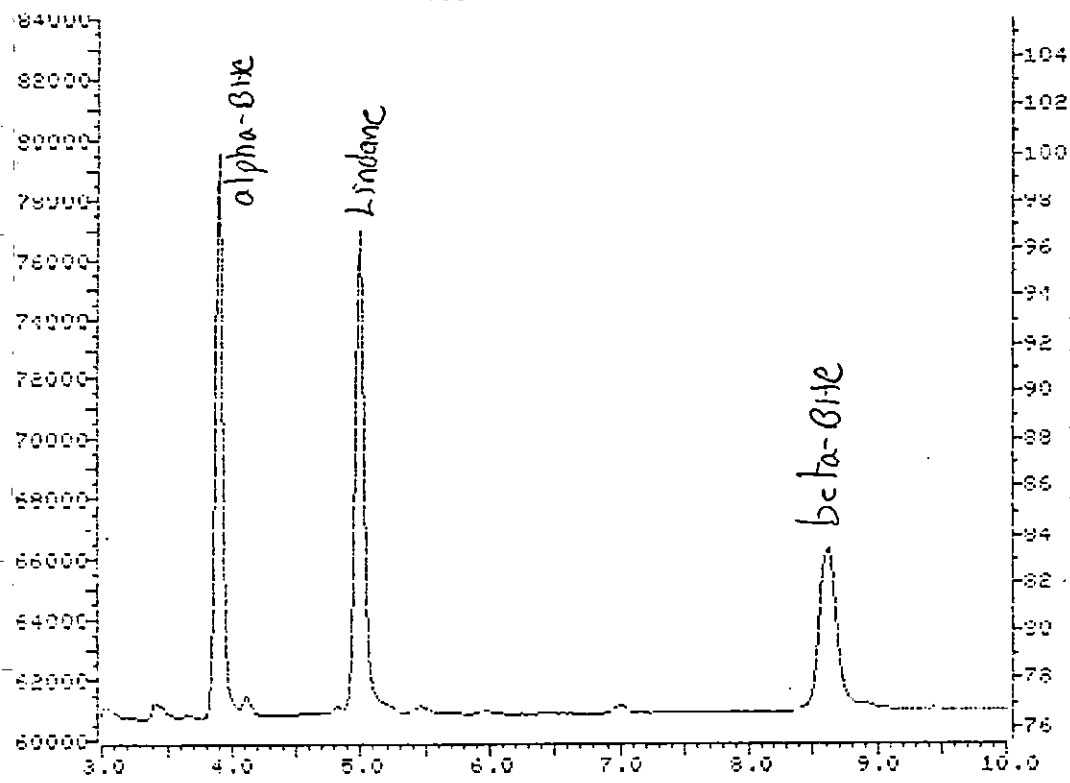


Data File: >M7459::M1
 Name: 5890M,RTX1701,0.53,
 Misc: PEM03, , , ,PEM03,

Quant Output File: ^M7459::QT
 Instrument ID: M

Id File: IDM390::SC
 Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
 Last Calibration: 930215 09:47 Last Qcal Time: 940823 21:42

Operator ID: MANAGER
 Quant Time : 940825 07:54
 Injected at: 940825 00:32



INS=22

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7459::QT
Data File: >M7459::M1
Name: 5890M,RTX1701,0.53,
Misc: PEM03, , , ,PEM03,

Quant Rev: 7 Quant Time: 940825 07:54
 Injected at: 940825 00:32
Dilution Factor: 1.00000
Instrument ID: M

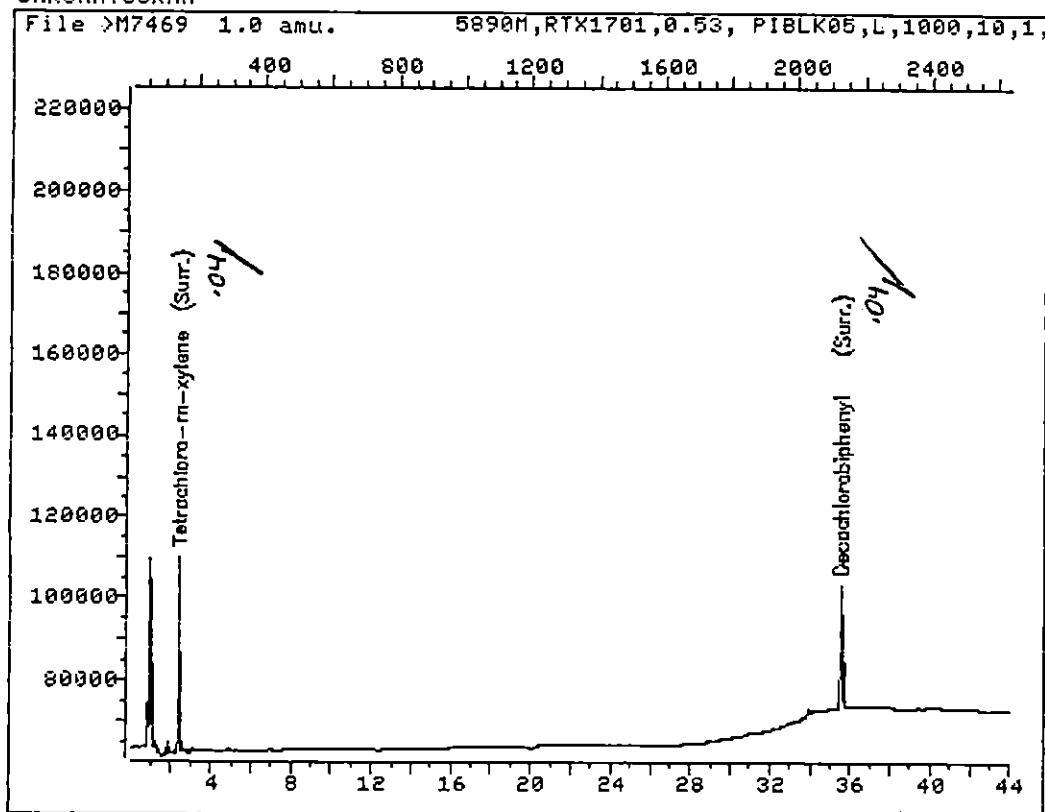
D File: IDM390::SC
Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	3.90	234	77160	.0179	NG	100
2) #gamma-BHC (Lindane)	5.00	300	80184	.0215	NG	100
6) #Endrin	16.62	997	364584	.104	NG	100
7) #4,4'-DDD	21.37	1282	15951	.00619	NG	100
8) #4,4'-DDT	22.65	1359	529416	.208	NG	100
9) #Methoxychlor	29.28	1757	611784	.464	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.37	142	106560	.0385	NG	100
11) #Decachlorobiphenyl (Surr.)	35.48	2129	190832	.0432	NG	100
13) #beta-BHC	8.62	517	51063	.0230	NG	100
18) #4,4'-DDE	14.85	891	3847	.00101	NG	100
22) #Endrin ketone	30.20	1812	10280	.00270	NG	100

* Compound uses ESTD

CHROMATOGRAM



Data File: >M7469::M1

Quant Output File: ^M7469::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: PIBLK05,L,1000,10,1,PIBLK05,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE RtX1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940825 11:45

Injected at: 940825 09:56

QUANT REPORT

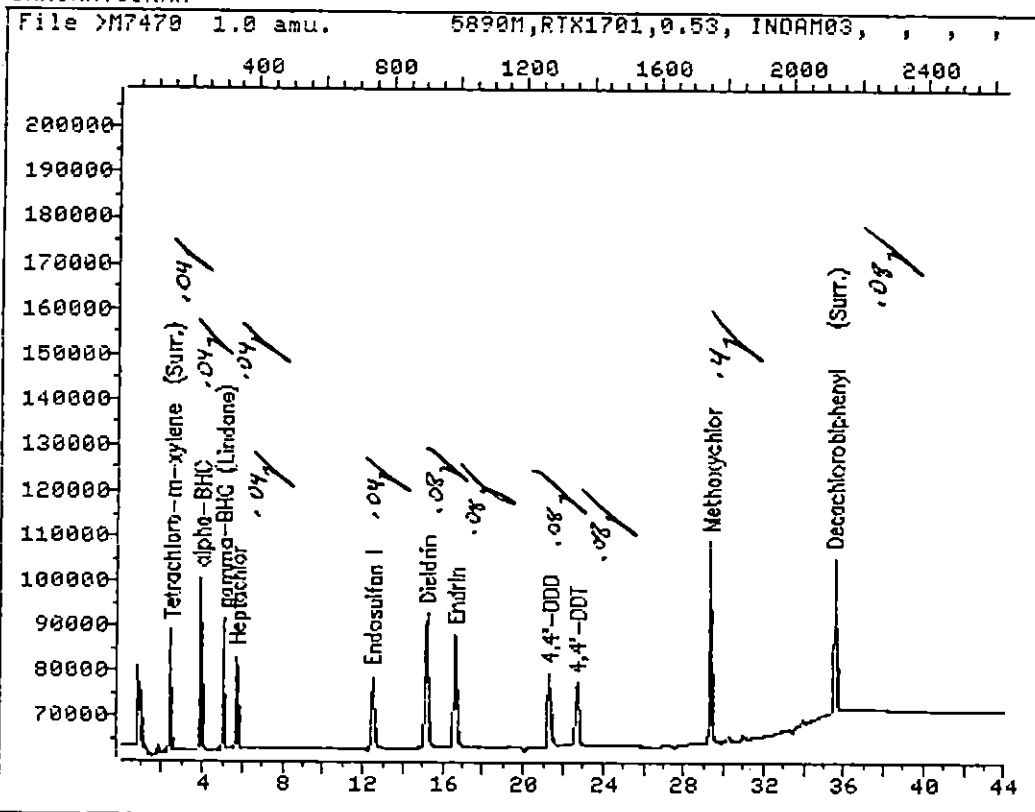
Operator ID: MANAGER Quant Rev: 7 Quant Time: 940825 11:45
 Output File: <M/469::QT Injected at: 940825 09:56
 Data File: >M/469::M1 Dilution Factor: 1.000000
 Name: 5890M,RTX1701,0.53, Instrument ID: M
 Misc: P1BLK05,L,1000,10,1,P1BLK05,

D File: 10M390::SC
 Title: PEST/PCB CLP 10FILE Rtx1701 20L INJECTION
 Last Calibration: 930215 09:47 Last Qual Date: 940823 21:42

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#tetrachloro-m-xylene (Surr.)		2.37	142	160188	.0579	NG	100
11)	#Decachlorobiphenyl (Surr.)		35.48	2129	226945	.0514	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7470::M1

Quant Output File: ^M7470::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: INDAM03, , , , INDAM03,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940825 14:07

Injected at: 940825 12:57

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7470::QT
Data File: >M7470::M1
Name: 5890M,RTX1701,0.53,
Disc: INDAM03, , , ,INDAM03,

Quant Rev: 7 Quant Time: 940825 14:07
Injected at: 940825 12:57
Dilution Factor: 1.00000
Instrument ID: M

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

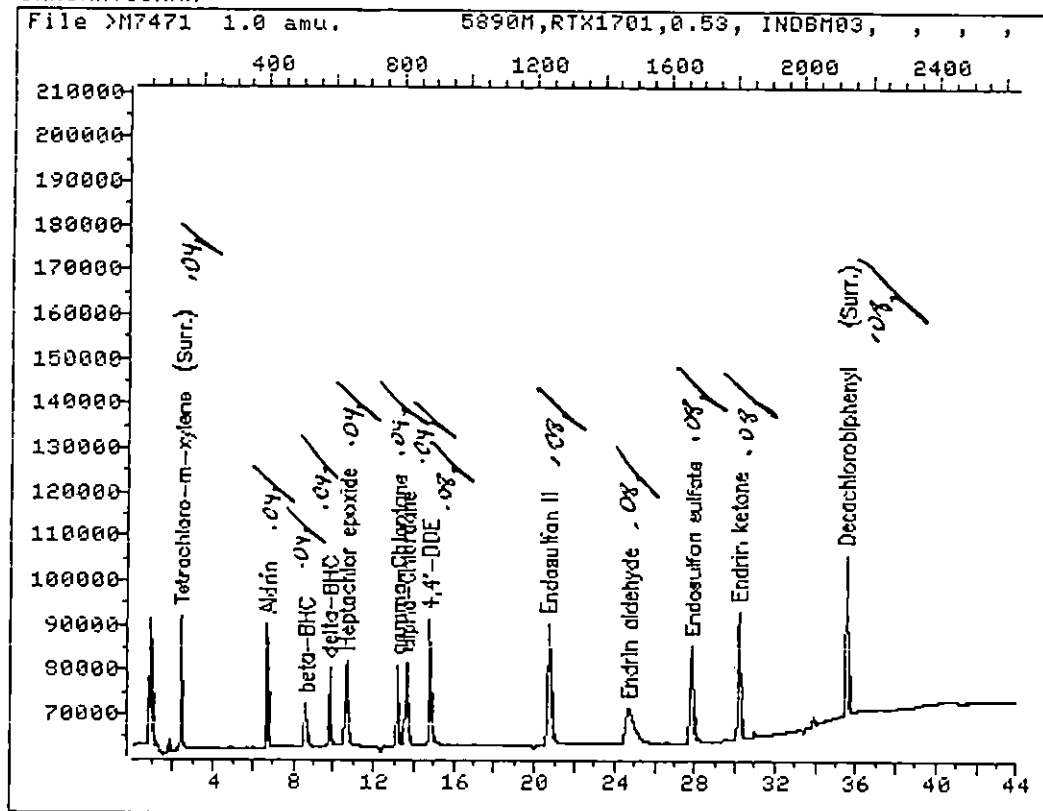
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	3.90	234	155784	.0362	NG	100
2) #gamma-BHC (Lindane)	5.00	300	139319	.0374	NG	100
3) #Heptachlor	5.70	342	112351	.0394	NG	100
4) #Endosulfan I	12.45	747	172096	.0384	NG	100
5) #Dieldrin	15.12	907	295269	.0717	NG	100
6) #Endrin	16.60	996	252912	.0723	NG	100
7) #4,4'-DDD	21.27	1276	195992	.0761	NG	100
8) #4,4'-DDT	22.63	1358	168880	.0664	NG	100
9) #Methoxychlor	29.27	1756	422151	.320	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.38	143	99836	.0361	NG	100
11) #Decachlorobiphenyl (Surr.)	35.47	2128	278449	.0631	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >M7471::M1

Quant Output File: ^M7471::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: INDBM03, , , , INDBM03,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940825 14:48

Injected at: 940825 13:48

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940825 14:48

Output File: ^M7471::QT

Injected at: 940825 13:48

Data File: >M7471::M1

Dilution Factor: 1.00000

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Is: INDBM03, , , , INDBM03,

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

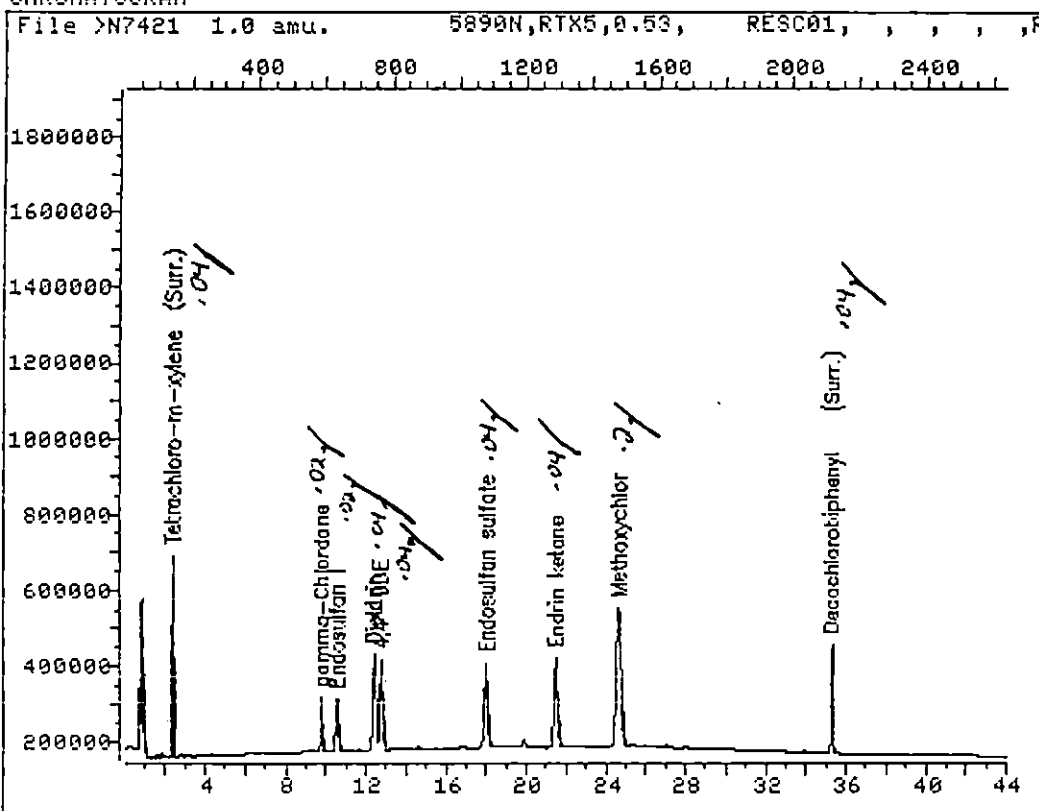
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	96751	.0350	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.47	2128	291993	.0662	NG	100
12)	#Aldrin	6.70	402	175096	.0380	NG	100
13)	#beta-BHC	8.57	514	86064	.0388	NG	100
14)	#delta-BHC	9.75	585	156632	.0401	NG	100
15)	#Heptachlor epoxide	10.62	637	176583	.0381	NG	100
16)	#gamma-Chlordane	13.12	787	176848	.0381	NG	100
17)	#alpha-Chlordane	13.60	816	186561	.0386	NG	100
18)	#4,4'-DDE	14.77	886	294399	.0774	NG	100
19)	#Endosulfan II	20.67	1240	303064	.0746	NG	100
20)	#Endrin aldehyde	24.70	1482	219792	.0778	NG	100
21)	#Endosulfan sulfate	27.83	1670	242752	.0752	NG	100
22)	#Endrin ketone	30.13	1808	260990	.0686	NG	100

Compound uses ESTD

CHROMATOGRAM



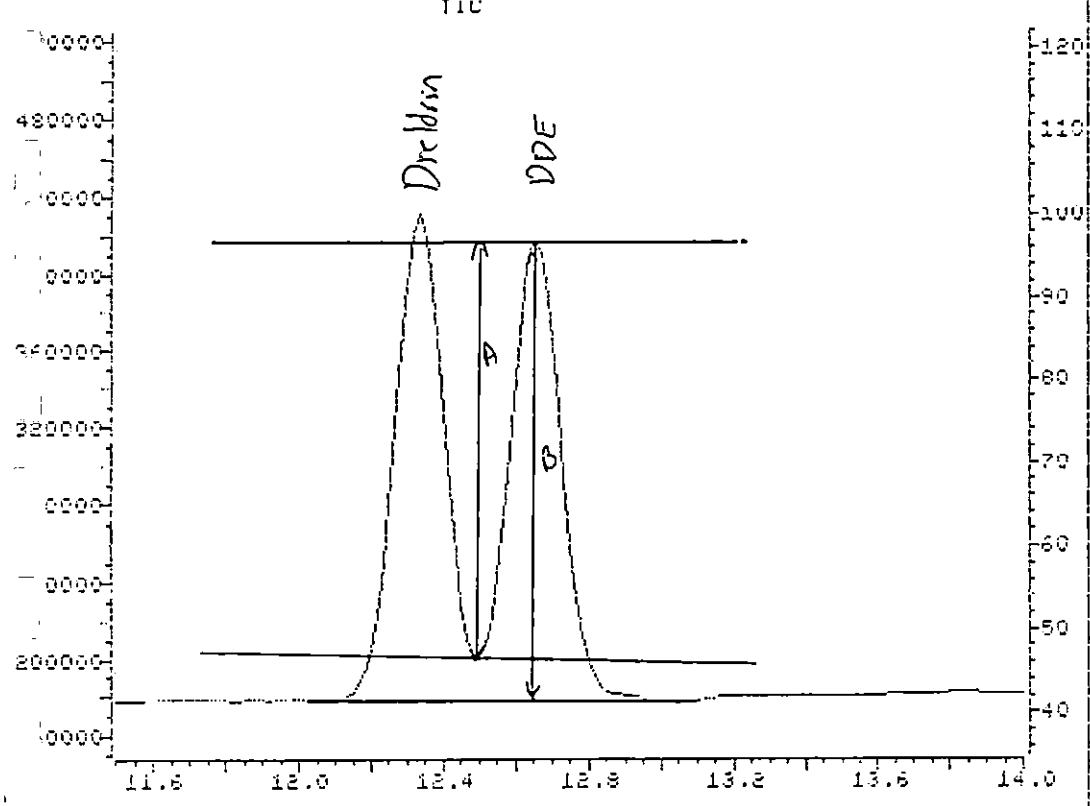
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Name: 5890N,RTX5,0.53,
Misc: RESC01, , , ,RESC01,

Quant Output File: ^N7421::QT
Instrument ID: N

Id File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Operator ID: MANAGER
Quant Time : 940824 12:08
Injected at: 940823 12:21



INT=22

$$\% \text{ Resolution} = \frac{A}{B} (100) = \frac{5.4}{6.0} (100) = 90\%$$

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7421::QT
Data File: >N7421::M1
Name: 5890N,RTX5,0.53,
Misc: RESC01, , , ,RESC01,

Quant Rev: 7 Quant Time: 940824 12:08
 Injected at: 940823 12:21
Dilution Factor: 1.00000
Instrument ID: N

ID File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
4) #Endosulfan I	10.50	630	1302148	.0179	NG	100
5) #Dieldrin	12.33	740	2424222	.0354	NG	100
9) #Methoxychlor	24.58	1475	5786405	.210	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.32	139	1635479	.0344	NG	100
11) #Decachlorobiphenyl (Surr.)	35.22	2113	2044364	.0420	NG	100
16) #gamma-Chlordane	9.73	584	1304392	.0163	NG	100
18) #4,4'-DDE	12.65	759	2345926	.0330	NG	100
21) #Endosulfan sulfate	17.97	1078	2361163	.0369	NG	100
22) #Endrin ketone	21.43	1286	2833819	.0363	NG	100

Compound uses ESTD

CHROMATOGRAM

File >N7422 1.0 amu. 5890N,RTX5,0.53, PEM01, , , , , PE

400 800 1200 1600 2000 2400

1800000

1600000

1400000

1200000

1000000

800000

600000

400000

200000

4 8 12 16 20 24 28 32 36 40 44

1,2,4-trichloro-m-xylene (Surr.) .04

1,2,4-trichloro-benzene (Surr.) .02

1,2,4-trichlorobenzene (Surr.) .02

1,2,4-trichlorobenzene (Surr.) .02

4,4'-DDE

4,4'-DDD

Endrin 1.2

4,4'-DDT 2.2

Endrin ketone

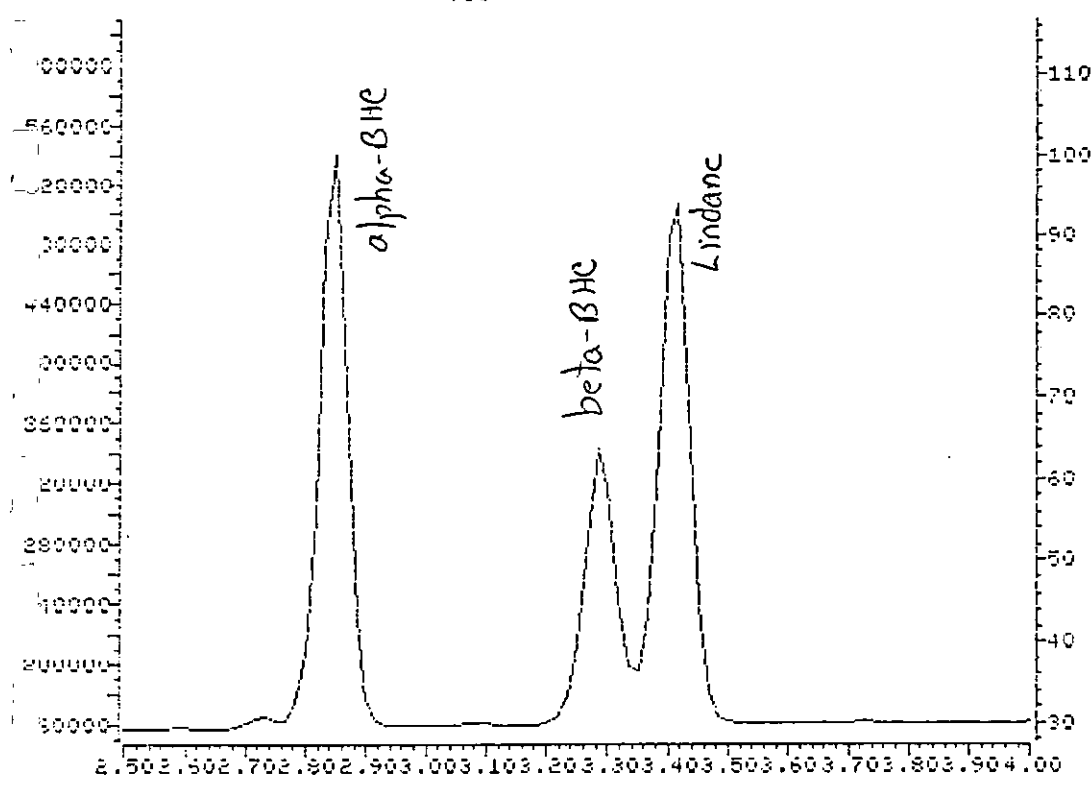
Methoxychlor 5.2

Decachlorobiphenyl (Surr.) 0.4

Quant Output File: ^N7422::QT
Instrument ID: N

2uL INJECTION
Last Qcal Time: 940823 22:33

Operator ID: MANAGER
Quant Time : 940824 12:11
Injected at: 940823 13:12



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QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7422::QT
Data File: >N7422::M1
Name: 5890N,RTX5,0.53,
Misc: PEM01, , , ,PEM01,

Quant Rev: 7 Quant Time: 940824 12:11
 Injected at: 940823 13:12
Dilution Factor: 1.00000
Instrument ID: N

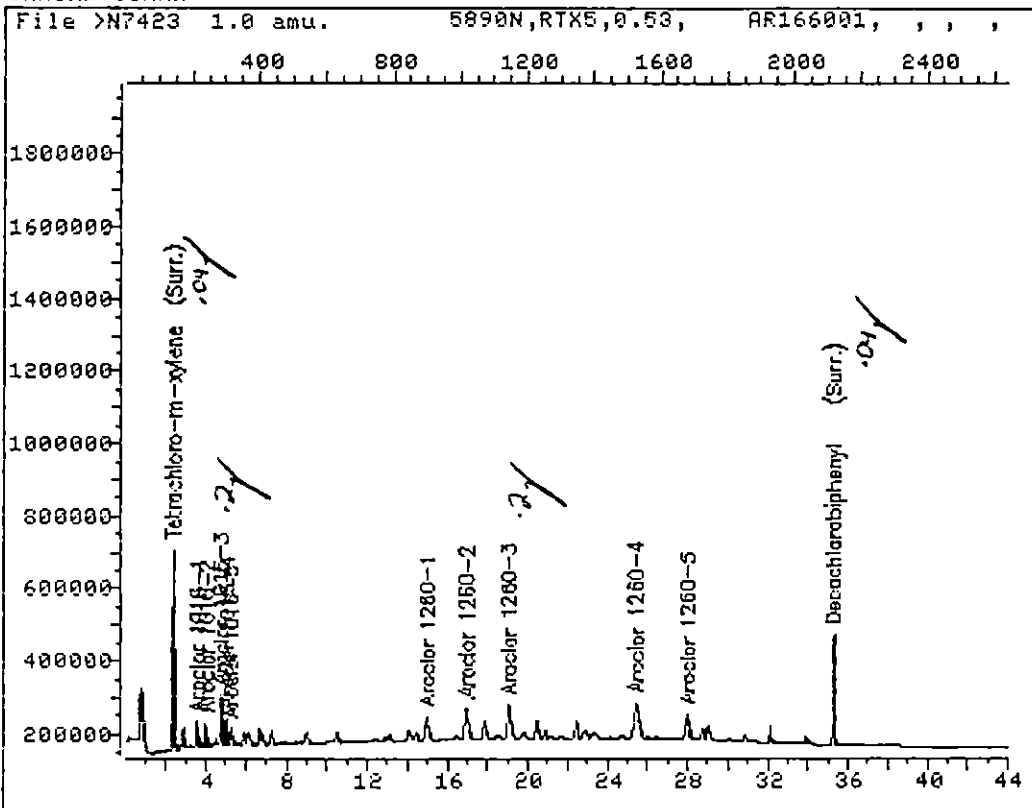
ID File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	2.85	171	1231857	.0176	NG	100
2) #gamma-BHC (Lindane)	3.42	205	1235347	.0191	NG	100
6) #Endrin	13.83	830	5653421	.0900	NG	100
7) #4,4'-DDD	15.88	953	104959	.00190	NG	100
8) #4,4'-DDT	18.75	1125	10014422	.158	NG	100
9) #Methoxychlor	24.58	1475	11482190	.418	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.32	139	1639612	.0345	NG	100
11) #Decachlorobiphenyl (Surr.)	35.22	2113	2048086	.0421	NG	100
12) #beta-BHC	3.28	197	707090	.0227	NG	100
18) #4,4'-DDE	12.65	759	183168	.00258	NG	100
22) #Endrin ketone	21.43	1286	232576	.00298	NG	100

Compound uses ESTD

CHROMATOGRAM



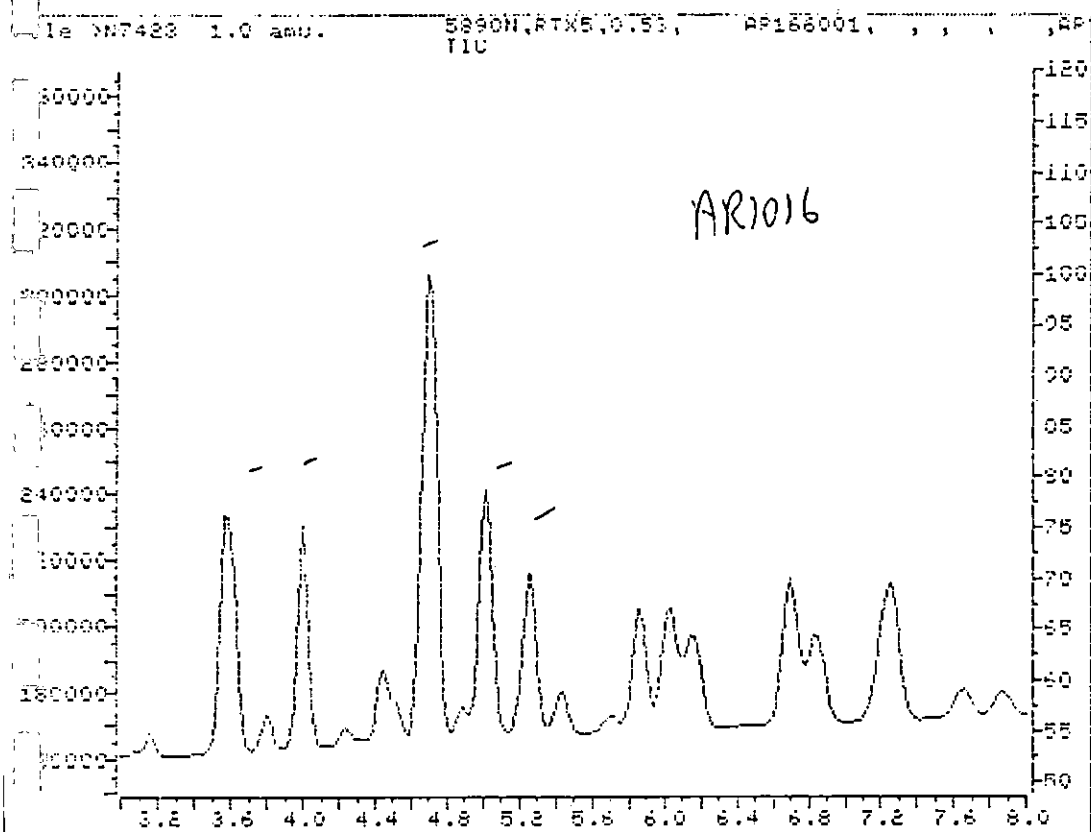
Data File: >N7423::M1
 Name: 5890N,RTX5,0.53,
 Misc: AR166001, , , , AR166001,

Quant Output File: ^N7423::QT
 Instrument ID: N

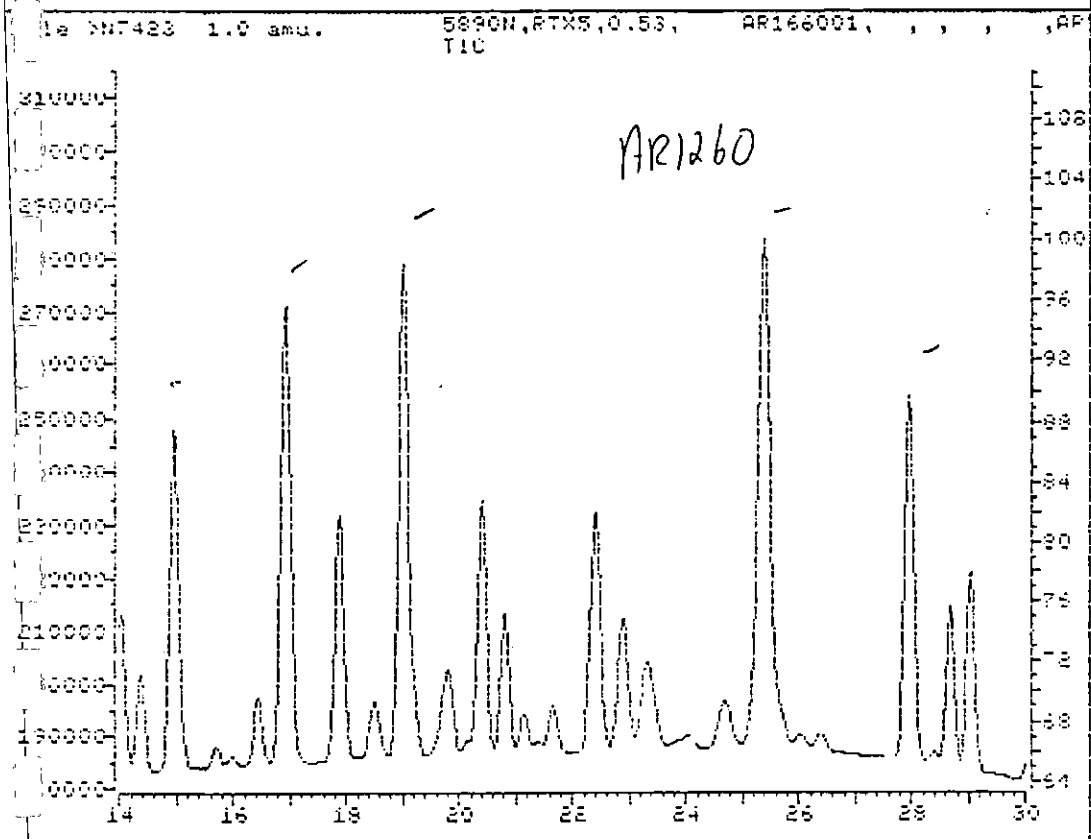
Id File: IDN390::SC
 Title: PEST/PCB CLP IDFILE Rtx5
 Last Calibration: 930218 08:12

2uL INJECTION
 Last Qcal Time: 940816 15:35

Operator ID: MANAGER
 Quant Time : 940824 08:21
 Injected at: 940823 14:03



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INS-22

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7423::QT
Data File: >N7423::M1
Name: 5890N,RTX5,0.53,
Misc: AR166001, , , ,AR166001,

Quant Rev: 7 Quant Time: 940824 08:21
 Injected at: 940823 14:03
Dilution Factor: 1.00000
Instrument ID: N

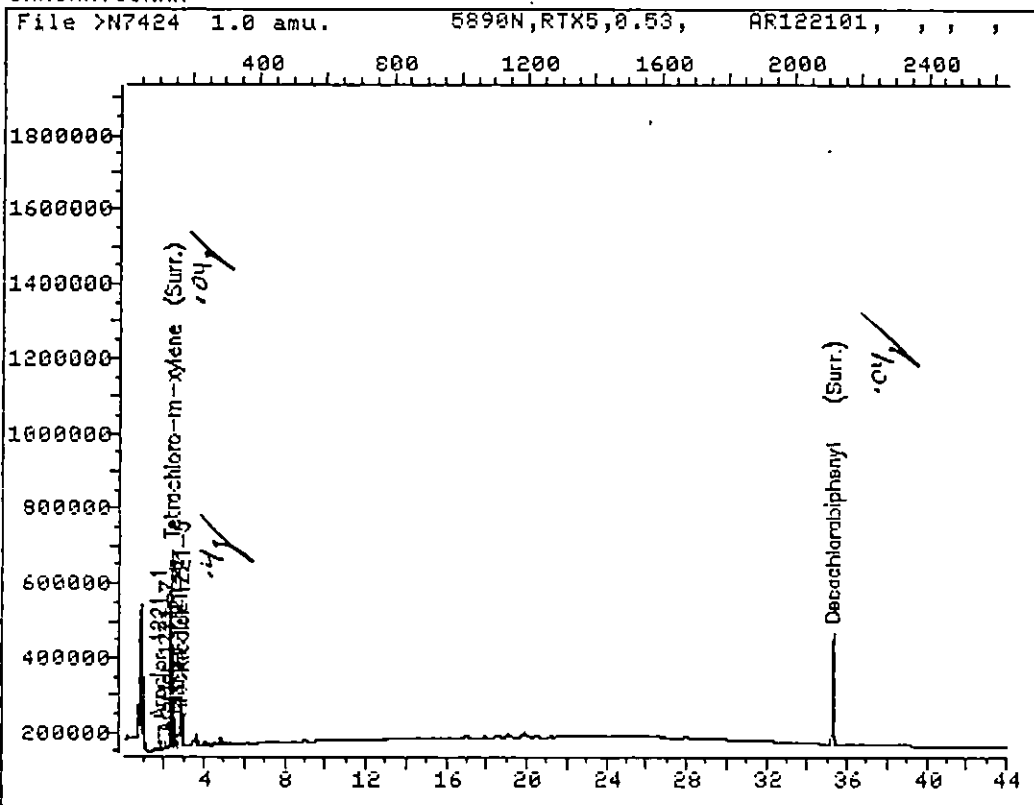
D File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940816 15:35

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.32	139	1741450M	.0681	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.22	2113	2179074M	.0666	NG	
26)	#Aroclor 1016-1	3.57	214	438549	.663	NG	100
27)	#Aroclor 1016-2	4.00	240	277901	.186	NG	100
28)	#Aroclor 1016-3	4.70	282	845512	.327	NG	100
29)	#Aroclor 1016-4	5.02	301	380427	.340	NG	100
30)	#Aroclor 1016-5	5.25	315	247936	.389	NG	100
56)	#Aroclor 1260-1	14.95	897	723327	.358	NG	100
57)	#Aroclor 1260-2	16.92	1015	1066624	.362	NG	100
58)	#Aroclor 1260-3	19.00	1140	1141856	.405	NG	100
59)	#Aroclor 1260-4	25.38	1523	1512919	1.15	NG	100
60)	#Aroclor 1260-5	27.95	1677	774206	.237	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7424::M1

Quant Output File: ^N7424::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: AR122101, , , , AR122101,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

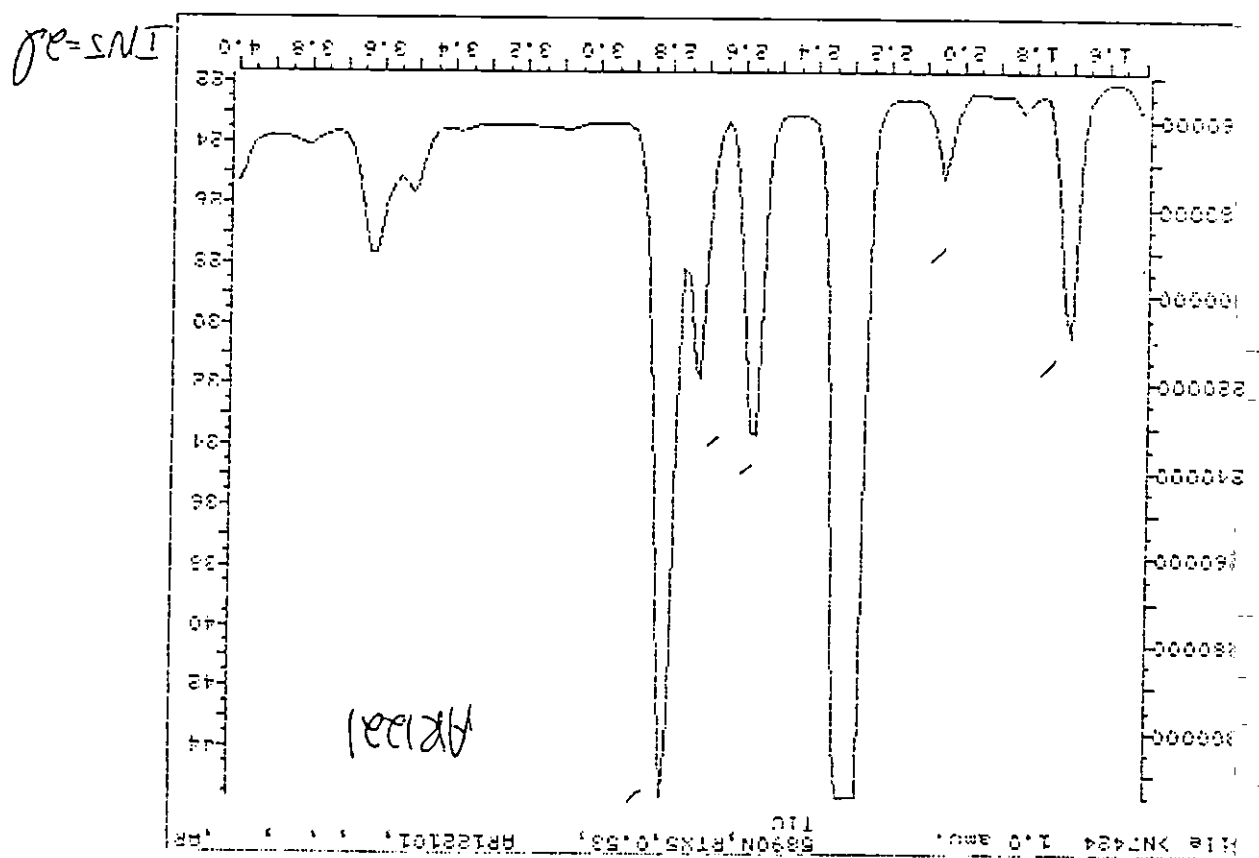
Last Calibration: 930218 08:12

Last Qcal Time: 940816 15:35

Operator ID: MANAGER

Quant Time : 940824 08:23

Injected at: 940823 14:54



QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7424::QT
Data File: >N7424::M1
Name: 5890N,RTX5,0.53,
Misc: AR122101, , , ,AR122101,

Quant Rev: 7 Quant Time: 940824 08:23
 Injected at: 940823 14:54
Dilution Factor: 1.00000
Instrument ID: N

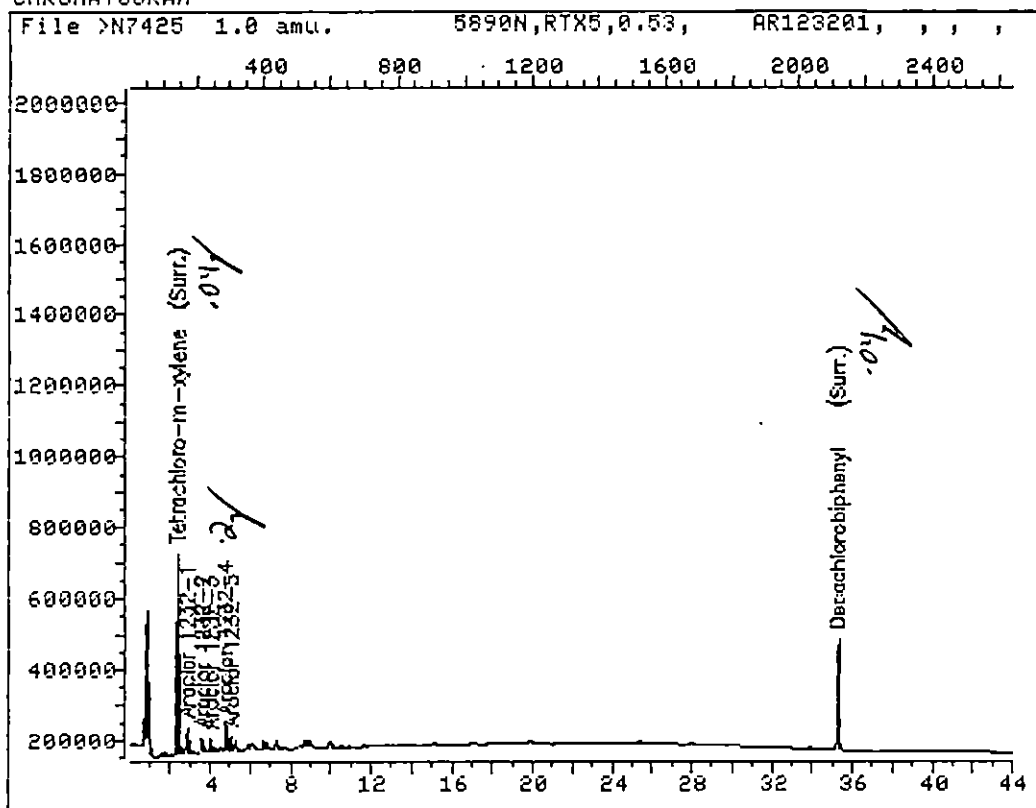
ID File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940816 15:35

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.32	139	1772766M	.0693	NG	100
11) #Decachlorobiphenyl (Surr.)	35.22	2113	2201487M	.0673	NG	
31) #Aroclor 1221-1	1.70	102	207970	.640	NG	100
32) #Aroclor 1221-2	2.05	123	57356M	1.71	NG	100
33) #Aroclor 1221-3	2.57	154	282896M	.692	NG	100
34) #Aroclor 1221-4	2.72	163	223748M	.664	NG	100
35) #Aroclor 1221-5	2.82	169	648638M	.616	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7425::M1

Quant Output File: ^N7425::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: AR123201, , , , AR123201,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

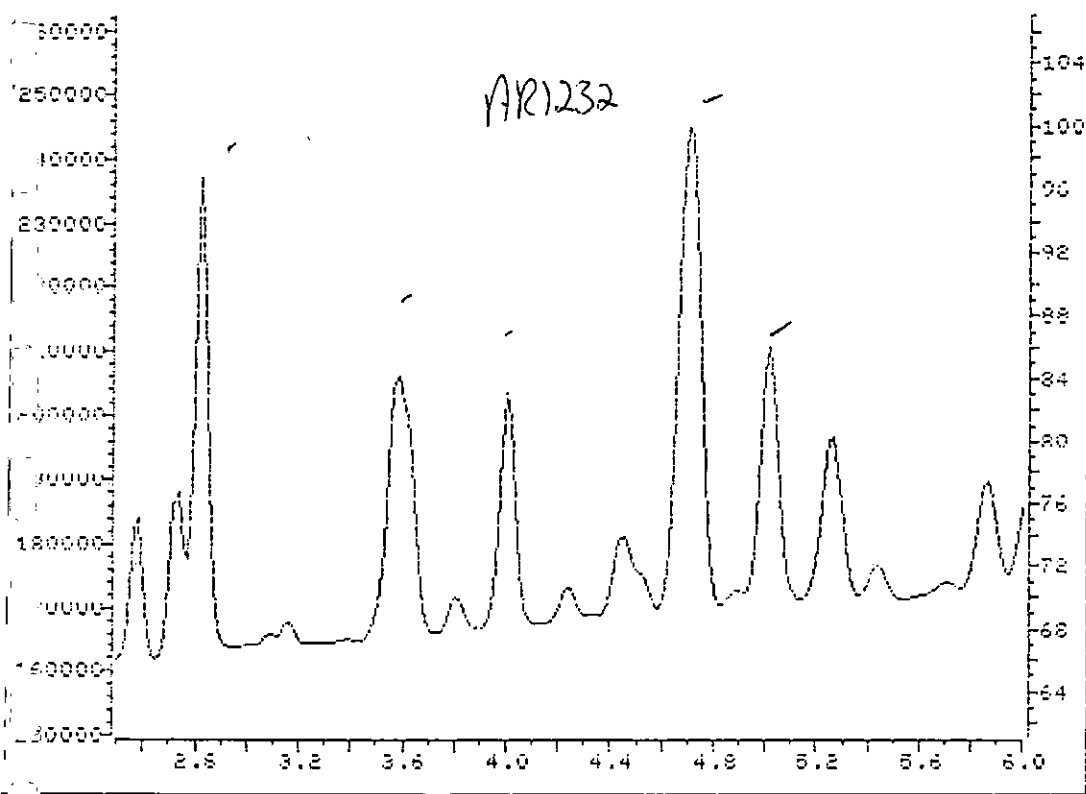
Last Calibration: 930218 08:12

Last Qcal Time: 940816 15:35

Operator ID: MANAGER

Quant Time : 940824 08:23

Injected at: 940823 15:45



QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940824 08:23

Output File: ^N7425::QT

Injected at: 940823 15:45

Data File: >N7425::M1

Dilution Factor: 1.00000

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: AR123201, , , ,AR123201,

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

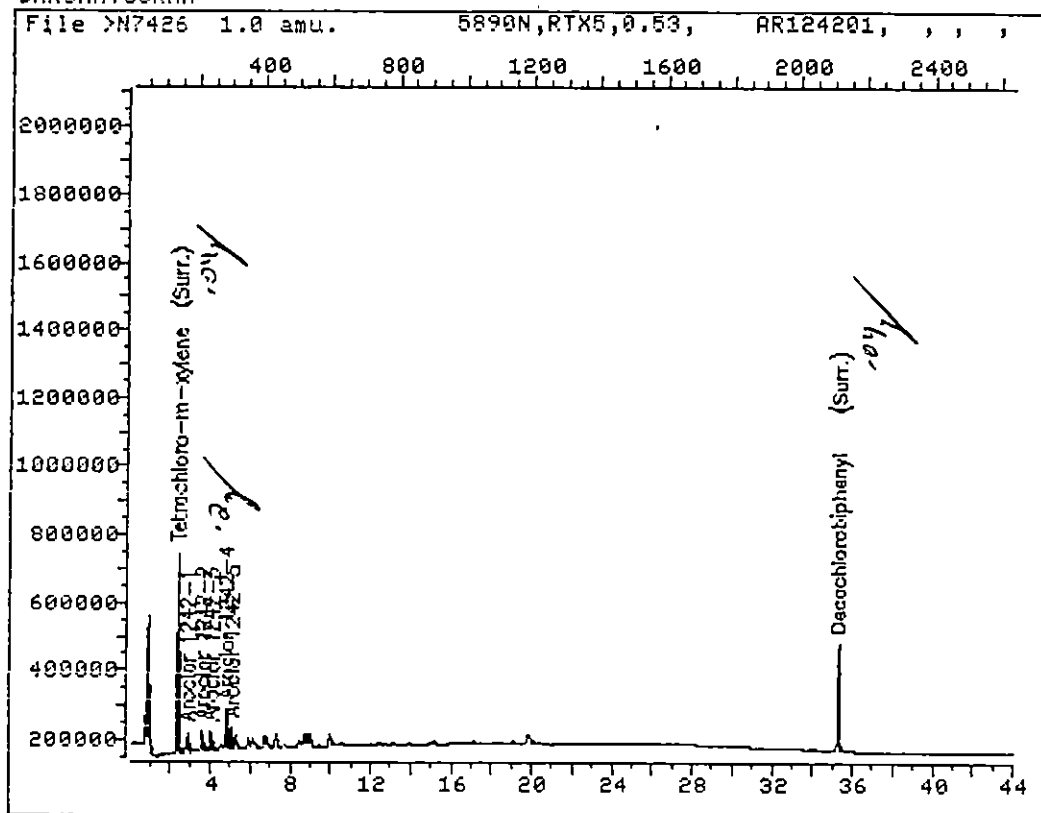
Last Calibration: 930218 08:12

Last Qcal Time: 940816 15:35

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.32	139	1819274M	.0711	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.22	2113	2242364M	.0685	NG	
36)	#Aroclor 1232-1	2.82	169	256454	.295	NG	100
37)	#Aroclor 1232-2	3.58	215	268432	.634	NG	100
38)	#Aroclor 1232-3	4.00	240	151616	.121	NG	100
39)	#Aroclor 1232-4	4.70	282	456329	.843	NG	100
40)	#Aroclor 1232-5	5.02	301	204565	.639	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7426::M1

Quant Output File: ^N7426::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: AR124201, , , , AR124201,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

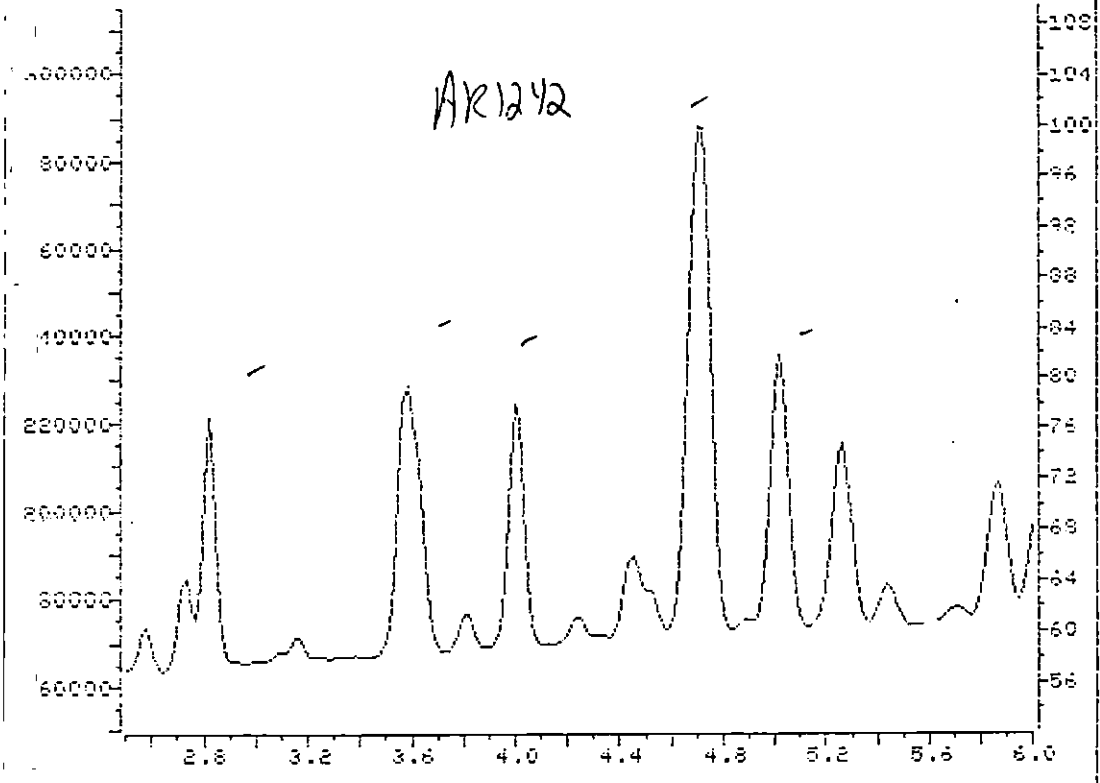
Last Calibration: 930218 08:12

Last Qcal Time: 940816 15:35

Operator ID: MANAGER

Quant Time : 940824 08:24

Injected at: 940823 16:36



INS=2d

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7426::QT
Data File: ^N7426::M1
Name: 5890N,RTX5,0.53,
Misc: AR124201, , , ,AR124201,

Quant Rev: 7 Quant Time: 940824 08:24
 Injected at: 940823 16:36
Dilution Factor: 1.00000
Instrument ID: N

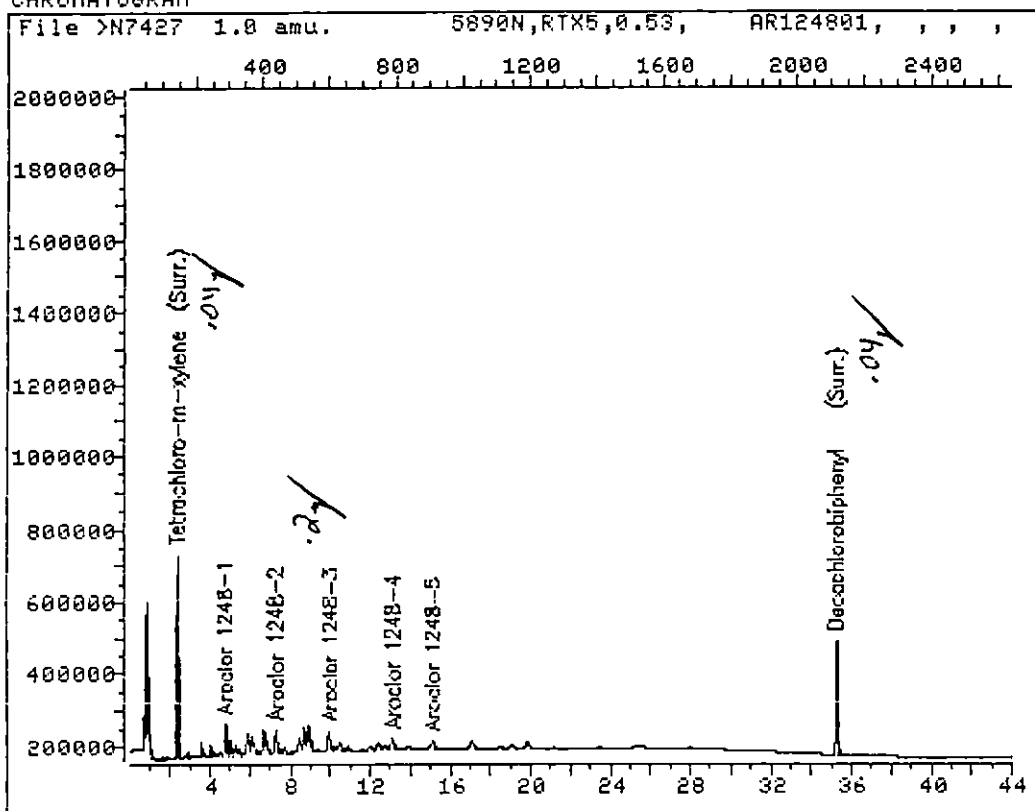
File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940816 15:35

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.32	139	1843707M	.0721	NG	100
11) #Decachlorobiphenyl (Surr.)	35.22	2113	2313443M	.0707	NG	
41) #Aroclor 1242-1	2.82	169	190072	.194	NG	100
42) #Aroclor 1242-2	3.58	215	360448	.637	NG	100
43) #Aroclor 1242-3	4.00	240	232256	.138	NG	100
44) #Aroclor 1242-4	4.70	282	702467	.989	NG	100
45) #Aroclor 1242-5	5.02	301	311205	.751	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7427::M1

Quant Output File: ^N7427::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: AR124801, , , , AR124801,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

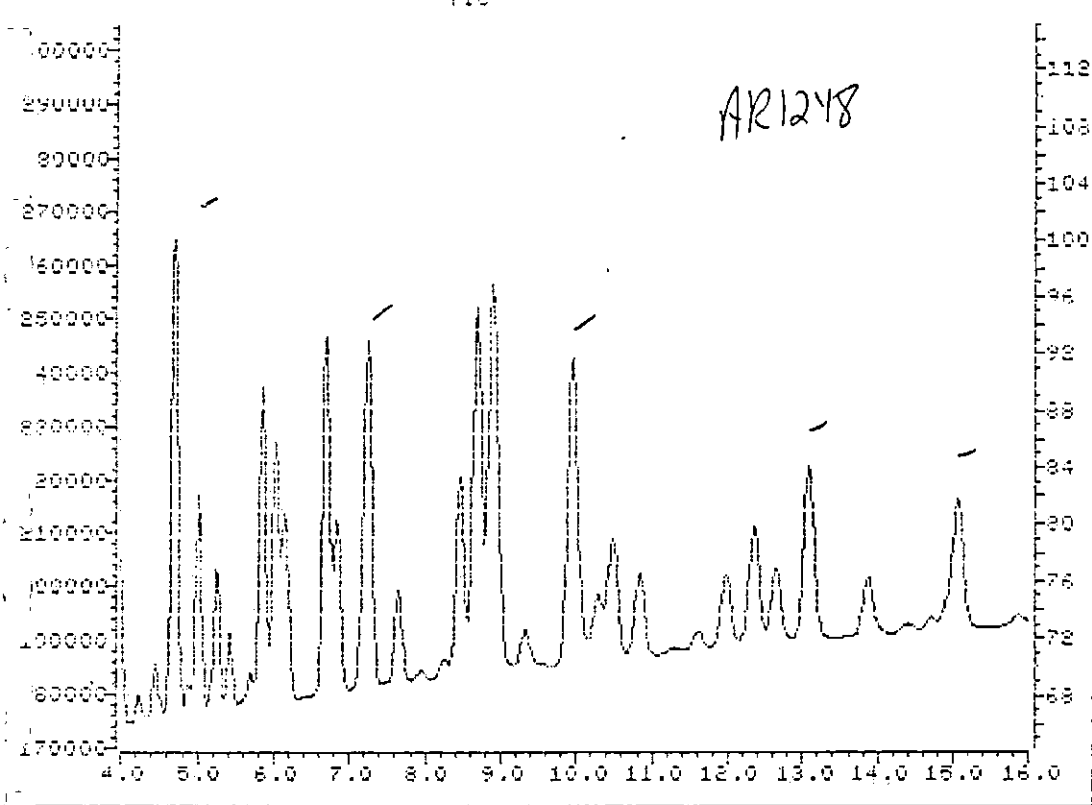
Last Calibration: 930218 08:12

Last Qcal Time: 940816 15:35

Operator ID: MANAGER

Quant Time : 940824 08:25

Injected at: 940823 17:27



INS-22

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940824 08:25

Output File: ^N7427::QT

Injected at: 940823 17:27

Data File: ^N7427::M1

Dilution Factor: 1.00000

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: AR124801, , , ,AR124801,

Data File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

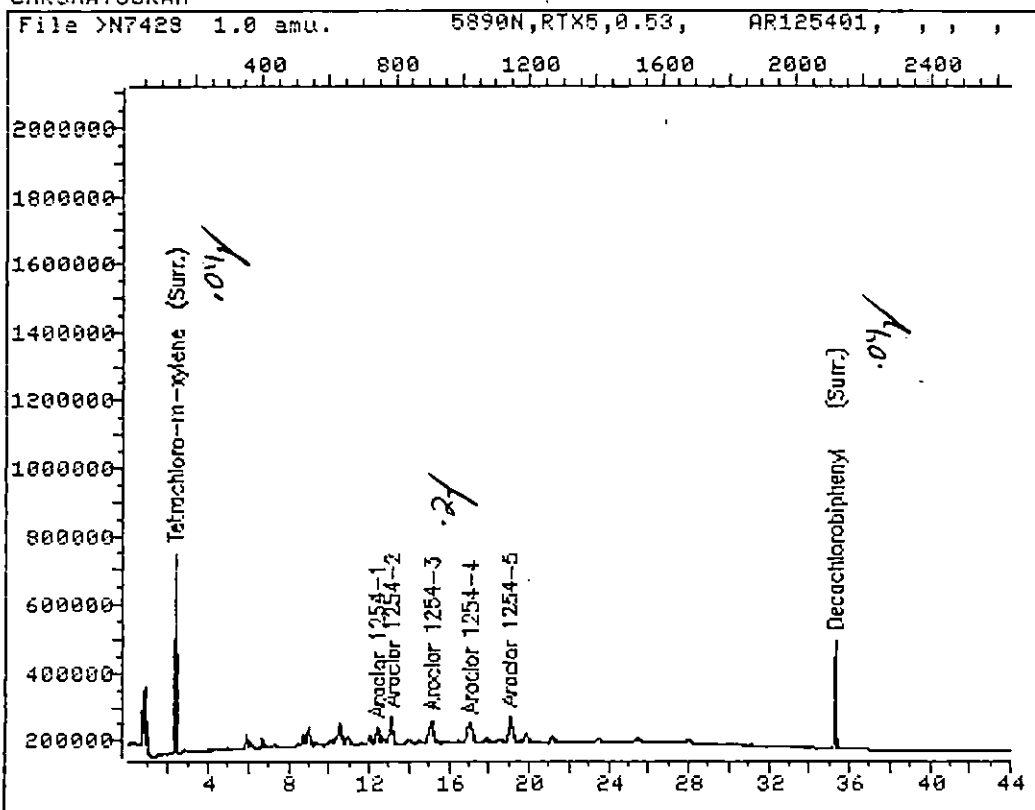
Last Calibration: 930218 08:12

Last Qual Time: 940816 15:35

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.32	139	1817225M	.0710	NG	100
11) #Decachlorobiphenyl (Surr.)	35.20	2112	2270150M	.0694	NG	
46) #Aroclor 1248-1	4.70	282	534144	.349	NG	100
47) #Aroclor 1248-2	7.25	435	524992	.404	NG	100
48) #Aroclor 1248-3	9.95	597	567424	.414	NG	100
49) #Aroclor 1248-4	13.08	785	308672	.212	NG	100
50) #Aroclor 1248-5	15.07	904	270361	.218	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7428::M1

Quant Output File: ^N7428::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: AR125401, , , , AR125401,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE RtX5

2uL INJECTION

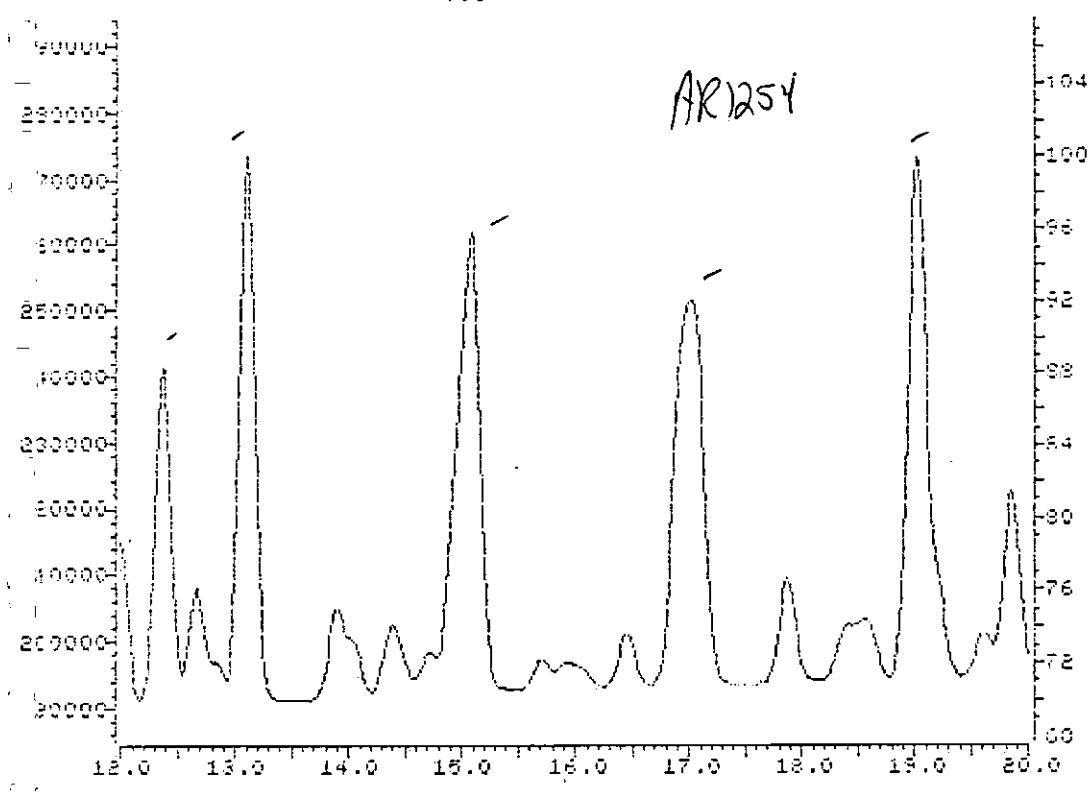
Last Calibration: 930218 08:12

Last Qcal Time: 940816 15:35

Operator ID: MANAGER

Quant Time : 940824 08:25

Injected at: 940823 18:18



INV-22

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940824 08:25

Output File: ^N7428::QT

Injected at: 940823 18:18

Data File: >N7428::M1

Dilution Factor: 1.00000

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: AR125401, , , ,AR125401,

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

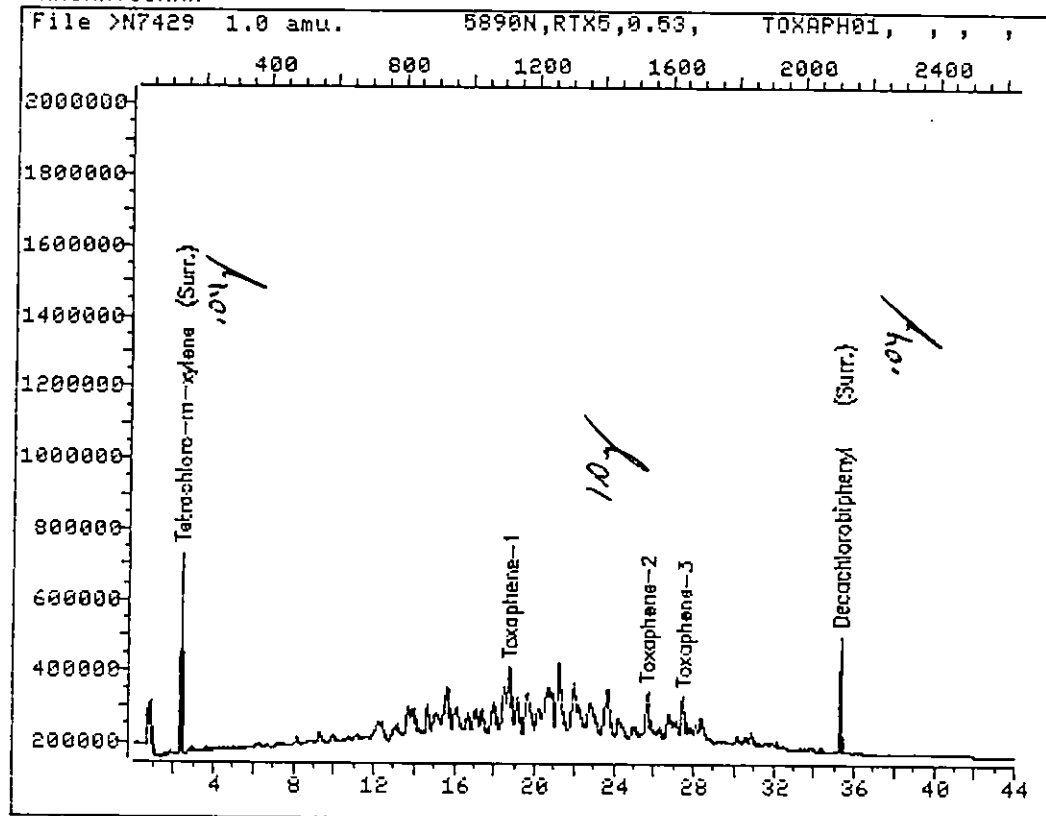
Last Calibration: 930218 08:12

Last Qcal Time: 940816 15:35

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.32	139	1905196M	.0745	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.23	2114	2336745M	.0714	NG	
51)	#Aroclor 1254-1	12.37	742	489536	.294	NG	100
52)	#Aroclor 1254-2	13.10	786	804097	.369	NG	100
53)	#Aroclor 1254-3	15.08	905	984837	.398	NG	100
54)	#Aroclor 1254-4	17.03	1022	1013643	.787	NG	100
55)	#Aroclor 1254-5	19.02	1141	972932	.442	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7429::M1
Name: 5890N,RTX5,0.53,
Misc: TOXAPH01, , , , TOXAPH01,

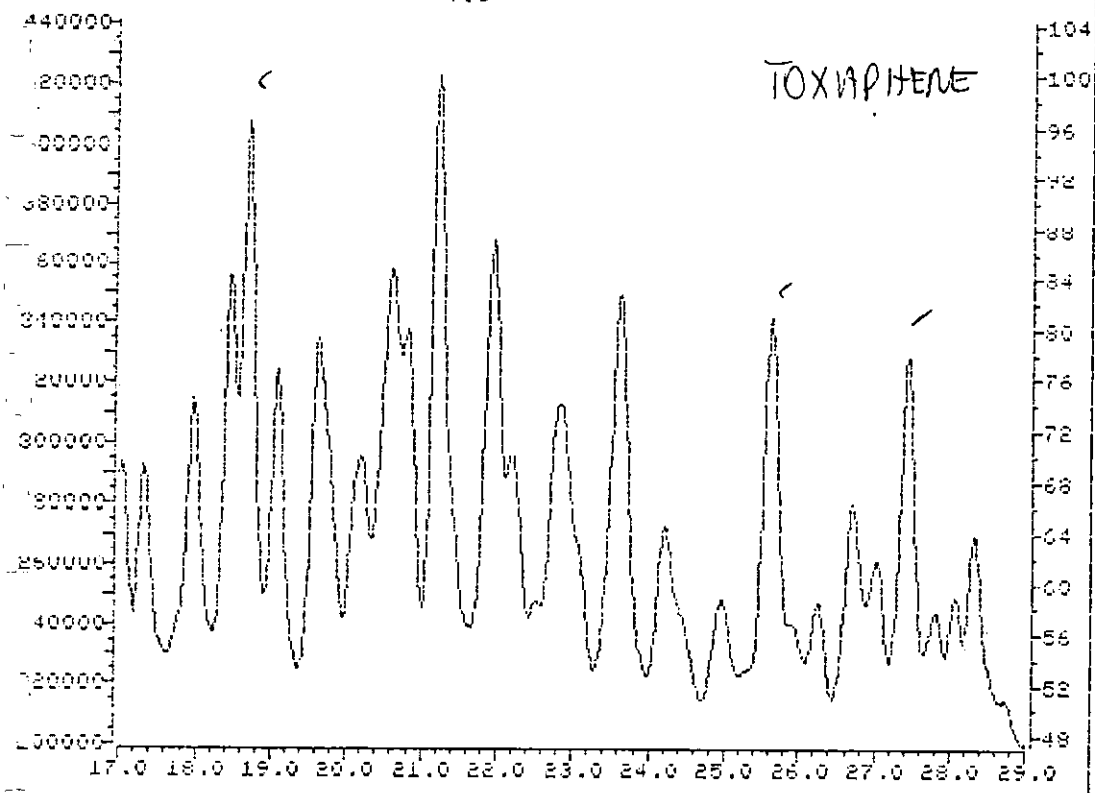
Quant Output File: ^N7429::QT
Instrument ID: N

Id File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940816 15:35

Operator ID: MANAGER
Quant Time : 940824 08:26
Injected at: 940823 19:09

File: 07429 1.0 amu. 5890N, RTN5, 0.53, TOXAPH01, , , , , TO



QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7429::QT
Data File: >N7429::M1
Sample: 5890N, RTX5, 0.53,
Misc: TOXAPH01, , , , TOXAPH01,

Quant Rev: 7 Quant Time: 940824 08:26
 Injected at: 940823 19:09
Dilution Factor: 1.00000
Instrument ID: N

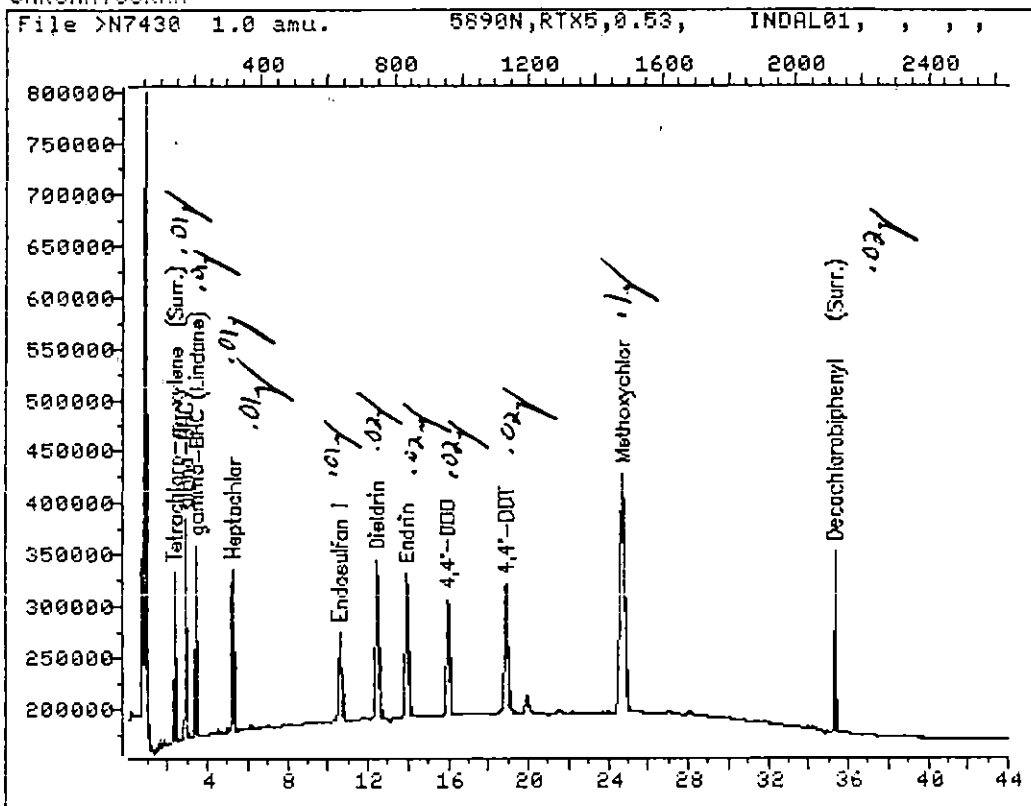
File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940816 15:35

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	1975431M	.0772	NG	100
11) #Decachlorobiphenyl (Surr.)	35.23	2114	2389704M	.0730	NG	
23) #Toxaphene-1	18.70	1122	1990919M	3.09	NG	100
24) #Toxaphene-2	25.62	1537	1722118M	1.82	NG	100
25) #Toxaphene-3	27.43	1646	1191619M	1.64	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7430::M1

Quant Output File: ^N7430::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: INDAL01, , , , INDAL01,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 11:28

Injected at: 940823 20:00

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940824 11:28

Output File: ^N7430::QT

Injected at: 940823 20:00

Data File: ^N7430::M1

Dilution Factor: 1.00000

Name: 5890N, RTX5, 0.53,

Instrument ID: N

Misc: INDAL01, , , , INDAL01,

Data File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

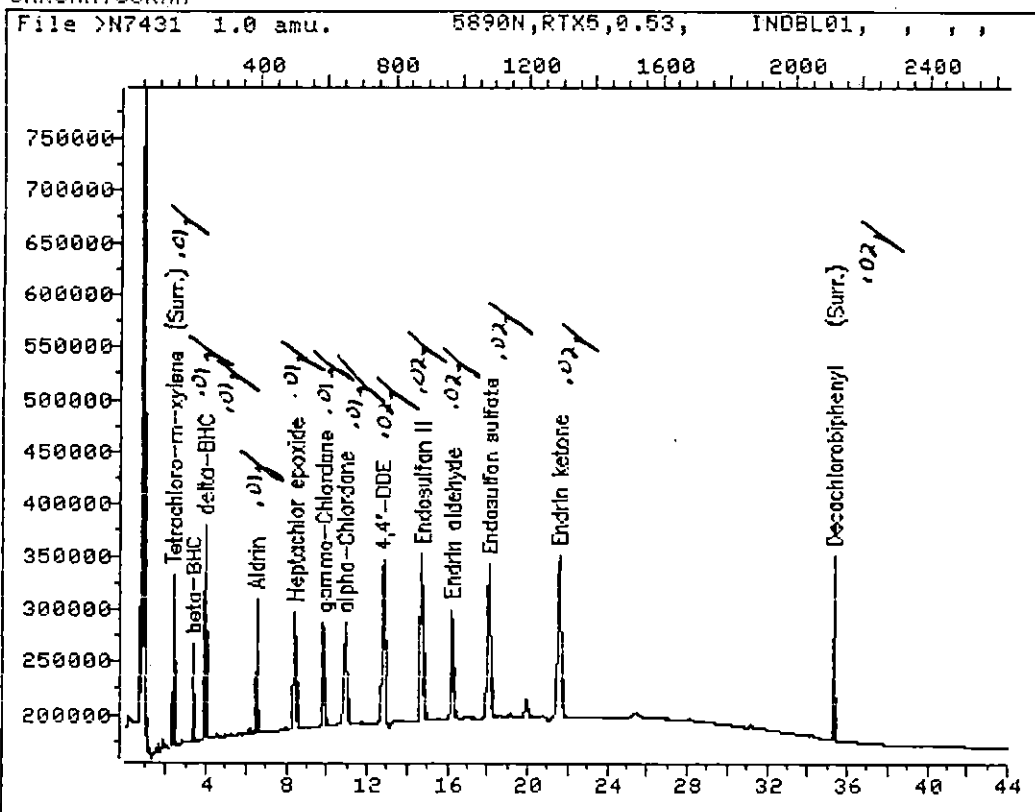
Last Calibration: 930218 08:12

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	2.87	172	706049	.0101	NG	100
2) #gamma-BHC (Lindane)	3.43	206	667778	.0101	NG	100
3) #Heptachlor	5.22	313	815810	.0115	NG	100
4) #Endosulfan I	10.55	633	804989	.0109	NG	100
5) #Dieldrin	12.38	743	1468682	.0214	NG	100
6) #Endrin	13.88	833	1354055	.0215	NG	100
7) #4,4'-DDD	15.90	954	1148547	.0207	NG	100
8) #4,4'-DDT	18.82	1129	1390176	.0219	NG	100
9) #Methoxychlor	24.67	1480	3488811	.123	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	525633	.0111	NG	100
11) #Decachlorobiphenyl (Surr.)	35.25	2115	1267112	.0253	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7431::M1

Quant Output File: ^N7431::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: INDBL01, , , , INDBL01,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 11:29

Injected at: 940823 20:51

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7431::QT
Data File: ^N7431::M1
Sample: 5890N,RTX5,0.53,
Misc: INDBL01, , , ,INDBL01,

Quant Rev: 7 Quant Time: 940824 11:29
 Injected at: 940823 20:51
Dilution Factor: 1.00000
Instrument ID: N

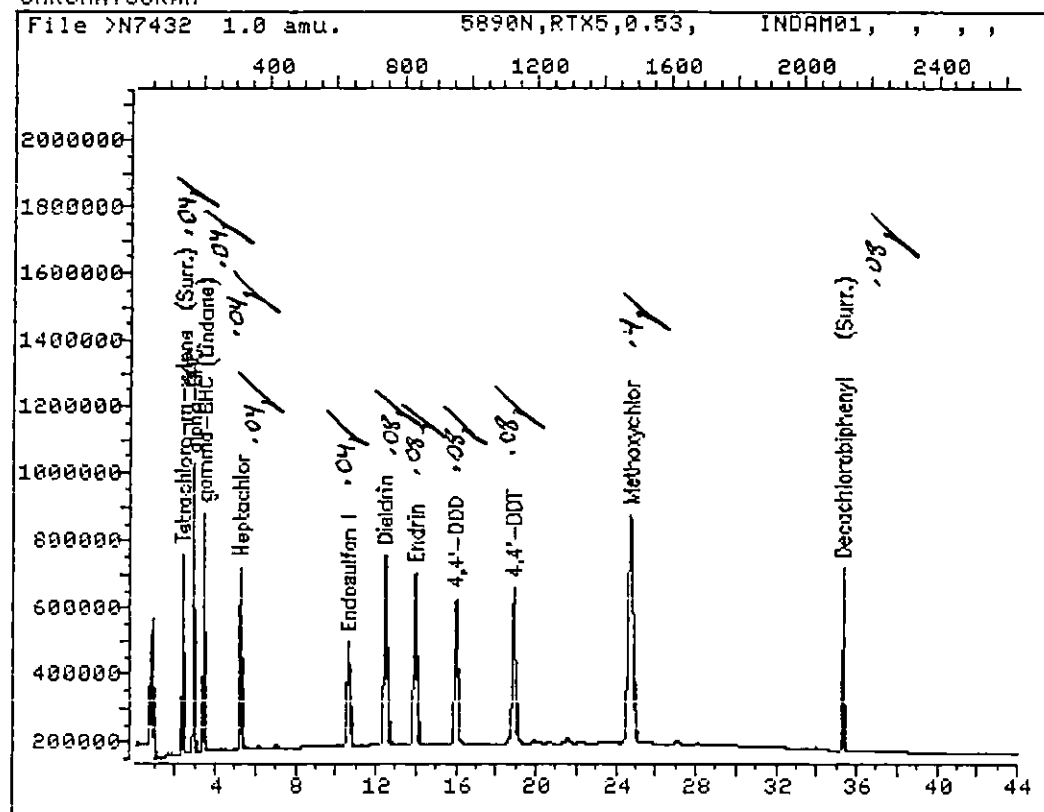
D File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.33	140	537857	.0113	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.27	2116	1250625	.0249	NG	100
12)	#beta-BHC	3.32	199	362880	.0117	NG	100
13)	#delta-BHC	3.92	235	803332	.00985	NG	100
14)	#Aldrin	6.47	388	777601	.0107	NG	100
15)	#Heptachlor epoxide	8.38	503	855558	.0112	NG	100
16)	#gamma-Chlordane	9.80	588	911813	.0114	NG	100
17)	#alpha-Chlordane	10.85	651	902161	.0110	NG	100
18)	#4,4'-DDE	12.72	763	1630859	.0230	NG	100
19)	#Endosulfan II	14.67	880	1576596	.0234	NG	100
20)	#Endrin aldehyde	16.18	971	1027142	.0223	NG	100
21)	#Endosulfan sulfate	18.03	1082	1454510	.0228	NG	100
22)	#Endrin ketone	21.52	1291	1951009	.0252	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7432::M1

Quant Output File: ^N7432::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: INDAM01, , , , INDAM01,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 11:28

Injected at: 940823 21:42

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7432::QT
Data File: >N7432::M1
Name: 5890N,RTX5,0.53,
Misc: INDAM01, , , ,INDAM01,

Quant Rev: 7 Quant Time: 940824 11:28
 Injected at: 940823 21:42
Dilution Factor: 1.00000
Instrument ID: N

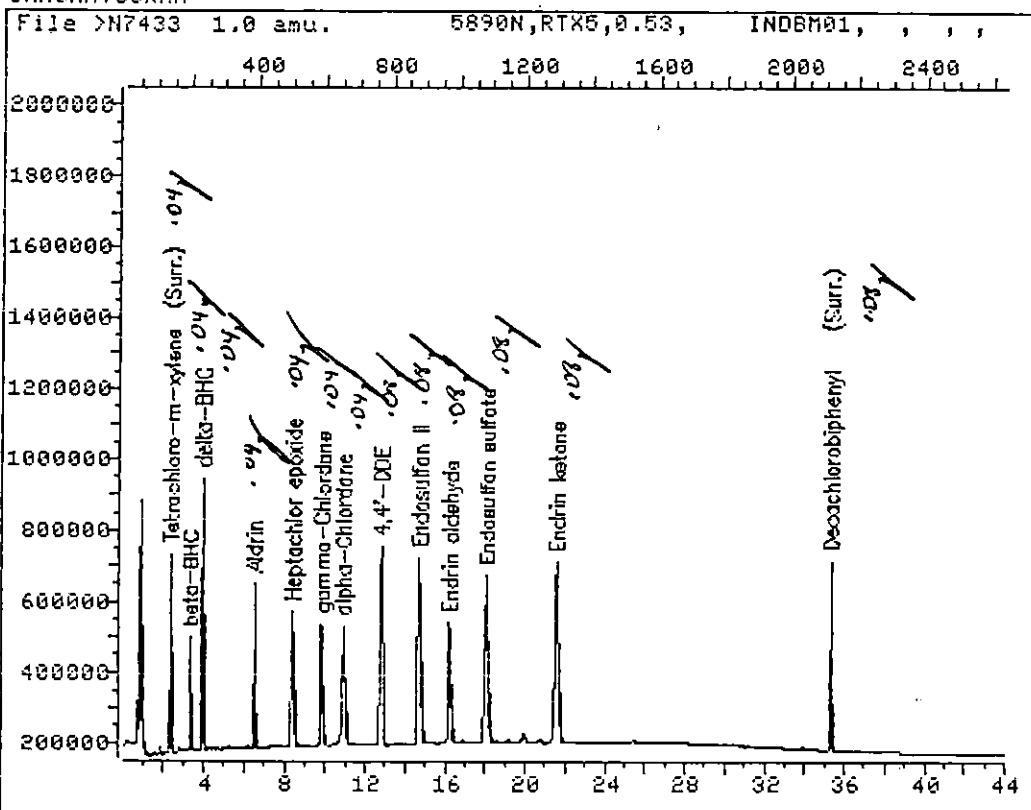
D File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	2.87	172	2798838	.0400	NG	100
2) #gamma-BHC (Lindane)	3.43	206	2584973	.0390	NG	100
3) #Heptachlor	5.22	313	2869645	.0404	NG	100
4) #Endosulfan I	10.57	634	2909798	.0395	NG	100
5) #Dieldrin	12.40	744	5477089	.0799	NG	100
6) #Endrin	13.92	835	5027498	.0797	NG	100
7) #4,4'-DDD	15.92	955	4412848	.0796	NG	100
8) #4,4'-DDT	18.83	1130	5065142	.0799	NG	100
9) #Methoxychlor	24.70	1482	10998342	.387	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	1901359	.0400	NG	100
11) #Decachlorobiphenyl (Surr.)	35.27	2116	3894762	.0777	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7433::M1

Quant Output File: ^N7433::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: INDBM01, , , , INDBM01,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 11:30

Injected at: 940823 22:33

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7433::QT
Data File: >N7433::M1
Name: 5890N,RTX5,0.53,
Misc: INDBM01, , , ,INDBM01,

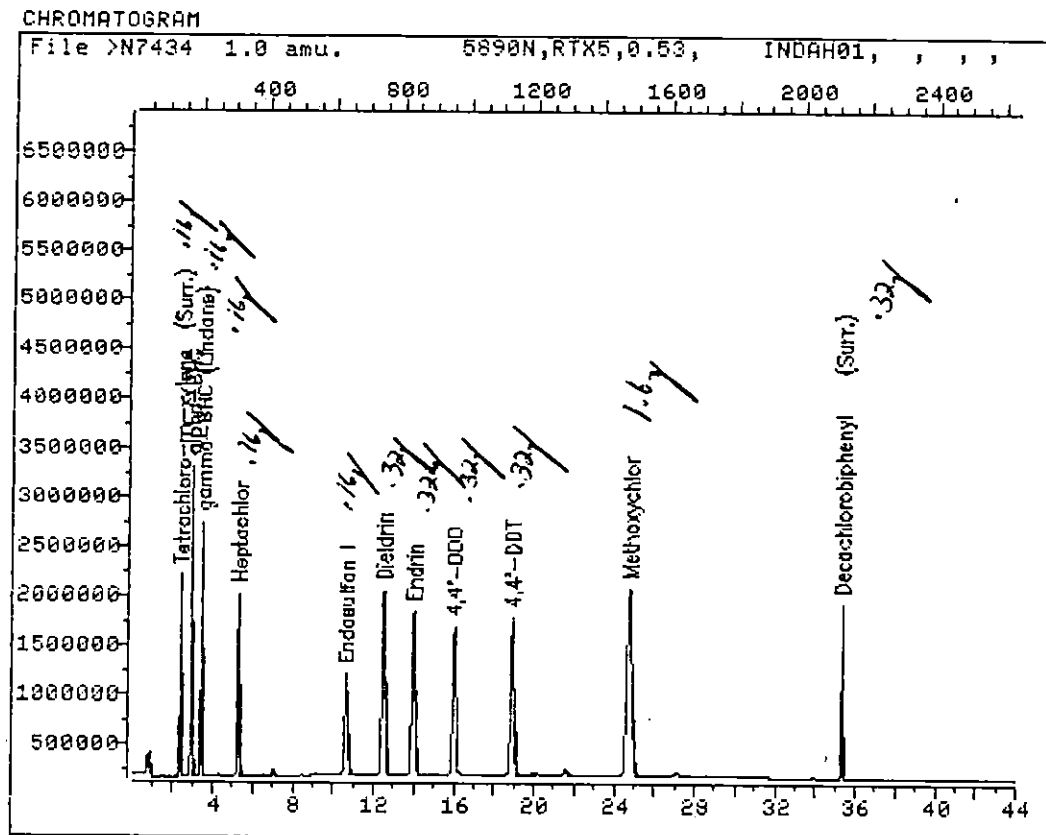
Quant Rev: 7 Quant Time: 940824 11:30
 Injected at: 940823 22:33
Dilution Factor: 1.00000
Instrument ID: N

D File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	1810889	.0381	NG	100
11) #Decachlorobiphenyl (Surr.)	35.27	2116	3836117	.0765	NG	100
12) #beta-BHC	3.32	199	1245831	.0402	NG	100
13) #delta-BHC	3.92	235	3107028	.0381	NG	100
14) #Aldrin	6.47	388	2863633	.0392	NG	100
15) #Heptachlor epoxide	8.38	503	3046928	.0399	NG	100
16) #gamma-Chlordane	9.80	588	3195165	.0401	NG	100
17) #alpha-Chlordane	10.85	651	3199903	.0391	NG	100
18) #4,4'-DDE	12.73	764	5678641	.0801	NG	100
19) #Endosulfan II	14.68	881	5375989	.0800	NG	100
20) #Endrin aldehyde	16.20	972	3635058	.0788	NG	100
21) #Endosulfan sulfate	18.05	1083	5120049	.0802	NG	100
22) #Endrin ketone	21.53	1292	6247721	.0808	NG	100

Compound uses ESTD



Data File: >N7434::M1

Quant Output File: ^N7434::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: INDAH01, , , , INDAH01,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

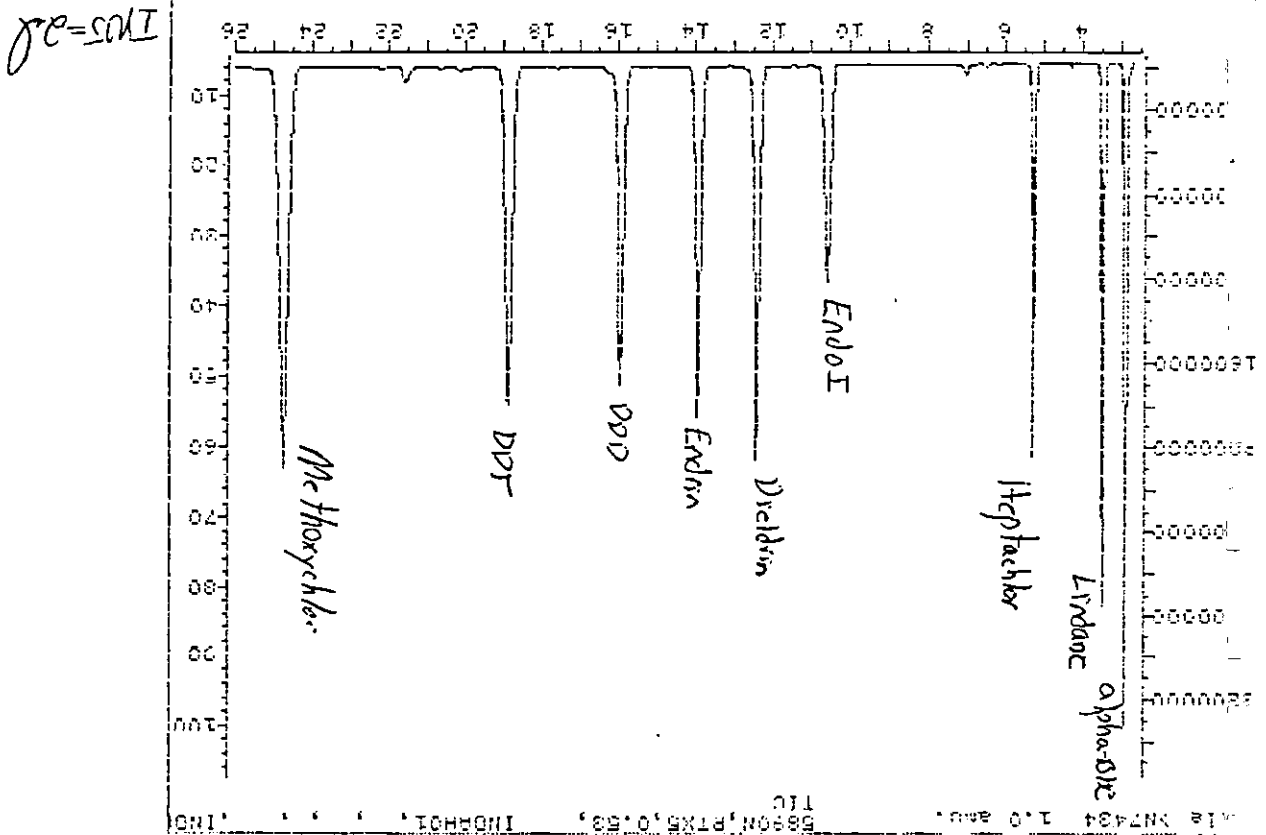
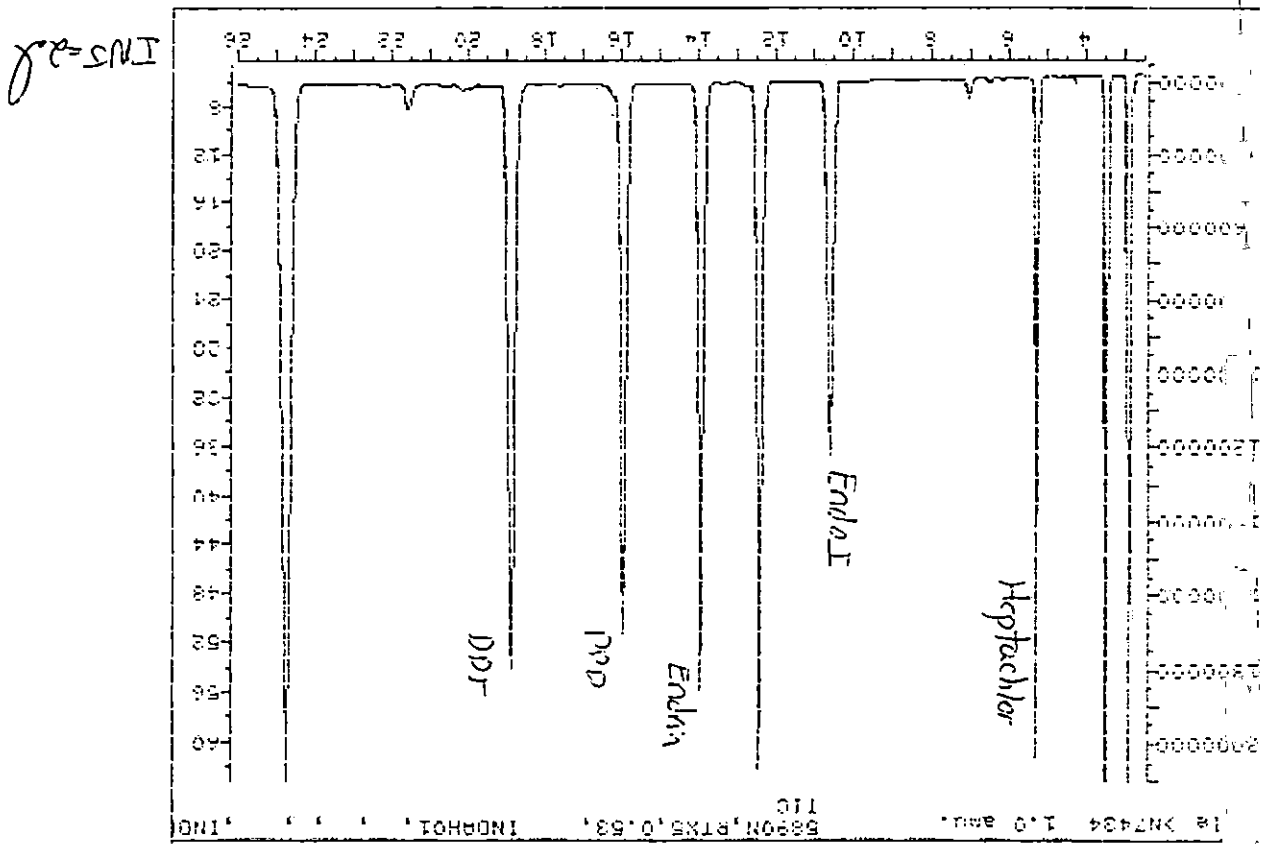
Last Calibration: 930218 08:12

Last Qual Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 11:29

Injected at: 940823 23:24



QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7434::QT
Data File: >N7434::M1
Name: 5890N,RTX5,0.53,
Misc: INDAH01, , , , INDAH01,

Quant Rev: 7 Quant Time: 940824 11:29
 Injected at: 940823 23:24
Dilution Factor: 1.00000
Instrument ID: N

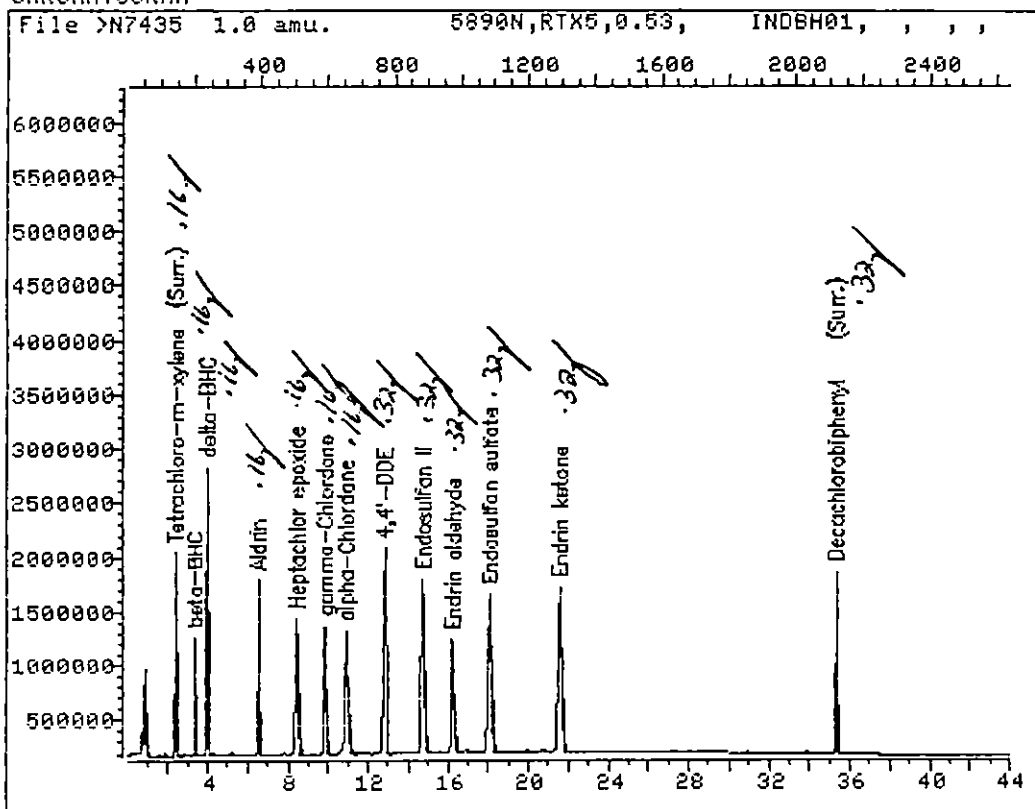
D File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	2.87	172	10497500	.150	NG	100
2) #gamma-BHC (Lindane)	3.43	206	9545084	.144	NG	100
3) #Heptachlor	5.22	313	10015040	.141	NG	100
4) #Endosulfan I	10.58	635	10020334	.136	NG	100
5) #Dieldrin	12.42	745	18863288	.275	NG	100
6) #Endrin	13.92	835	17105560	.271	NG	100
7) #4,4'-DDD	15.92	955	15932342	.288	NG	100
8) #4,4'-DDT	18.83	1130	17537284	.277	NG	100
9) #Methoxychlor	24.70	1482	31580736	1.11	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	6513187	.137	NG	100
11) #Decachlorobiphenyl (Surr.)	35.27	2116	12463732	.249	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7435::M1

Quant Output File: ^N7435::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: INDBH01, , , , INDBH01,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

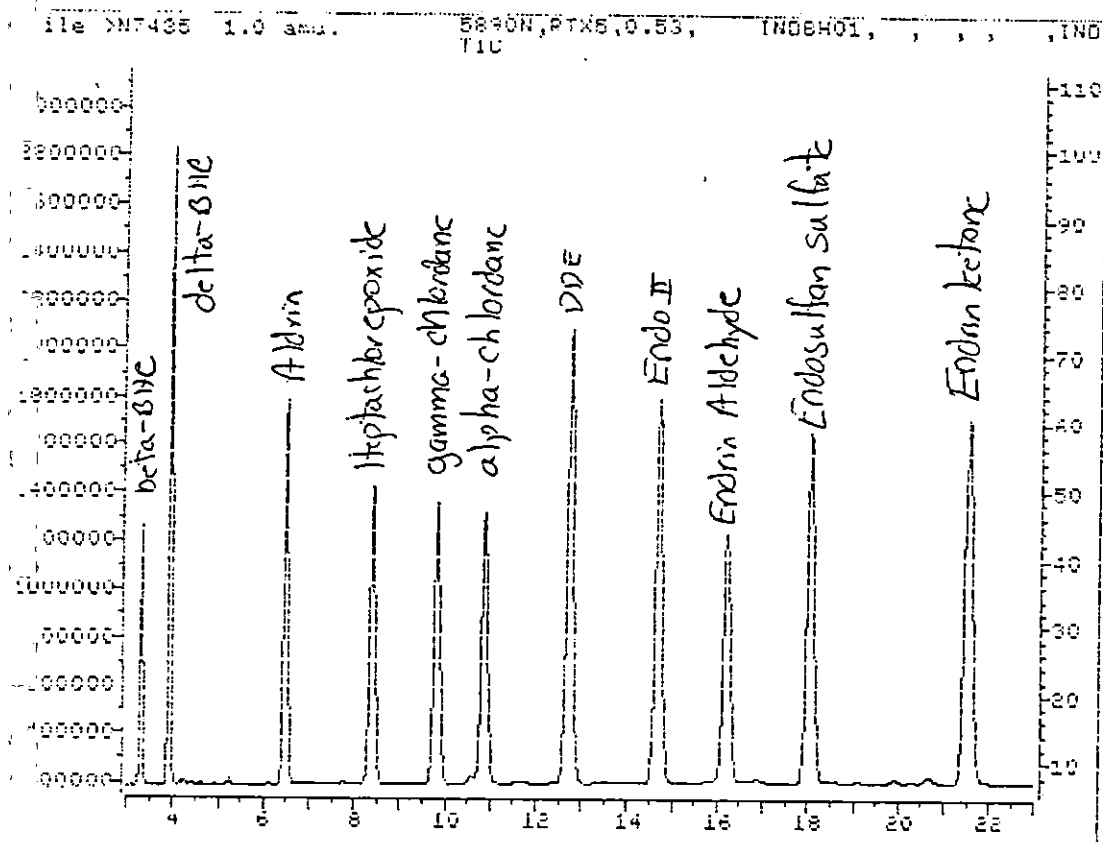
Last Calibration: 930218 08:12

Last Qcal Time: 940823 21:42

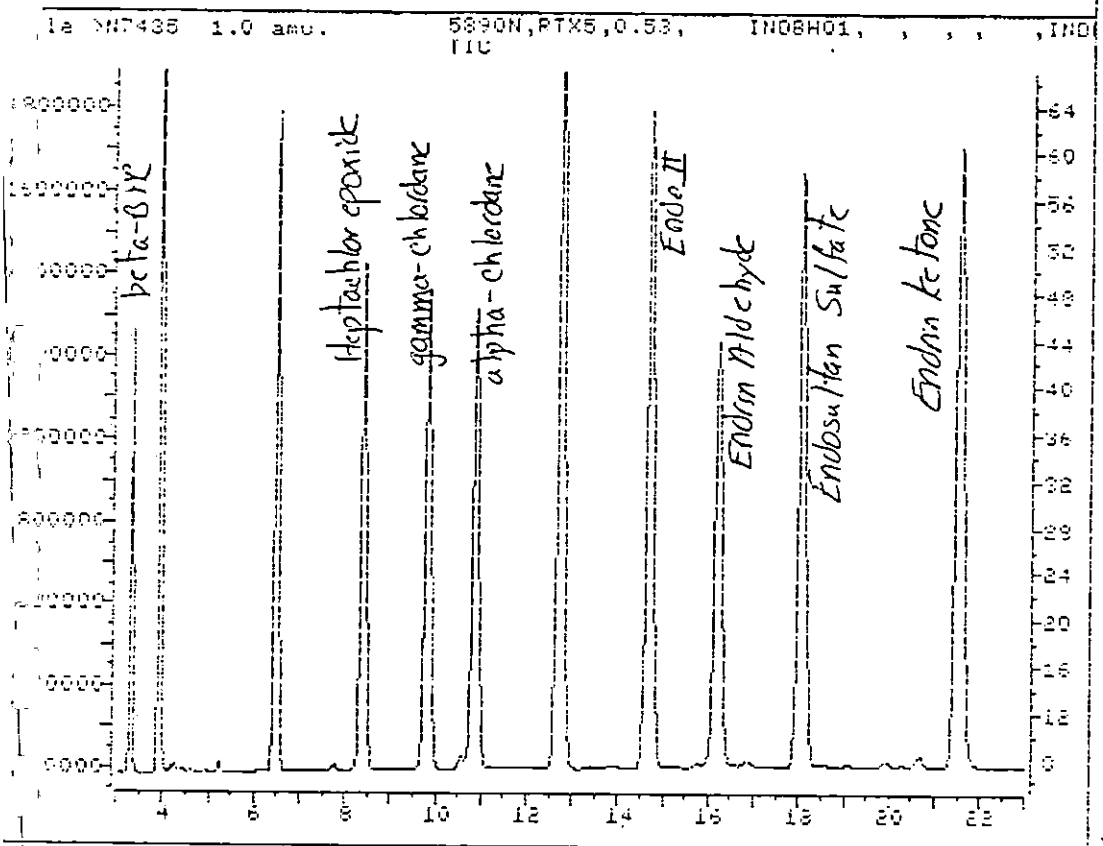
Operator ID: MANAGER

Quant Time : 940824 11:31

Injected at: 940824 00:15



IN05=22



IN05=22

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940824 11:31

Output File: ^N7435::QT

Injected at: 940824 00:15

Data File: >N7435::M1

Dilution Factor: 1.00000

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: INDBH01, , , , INDBH01,

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

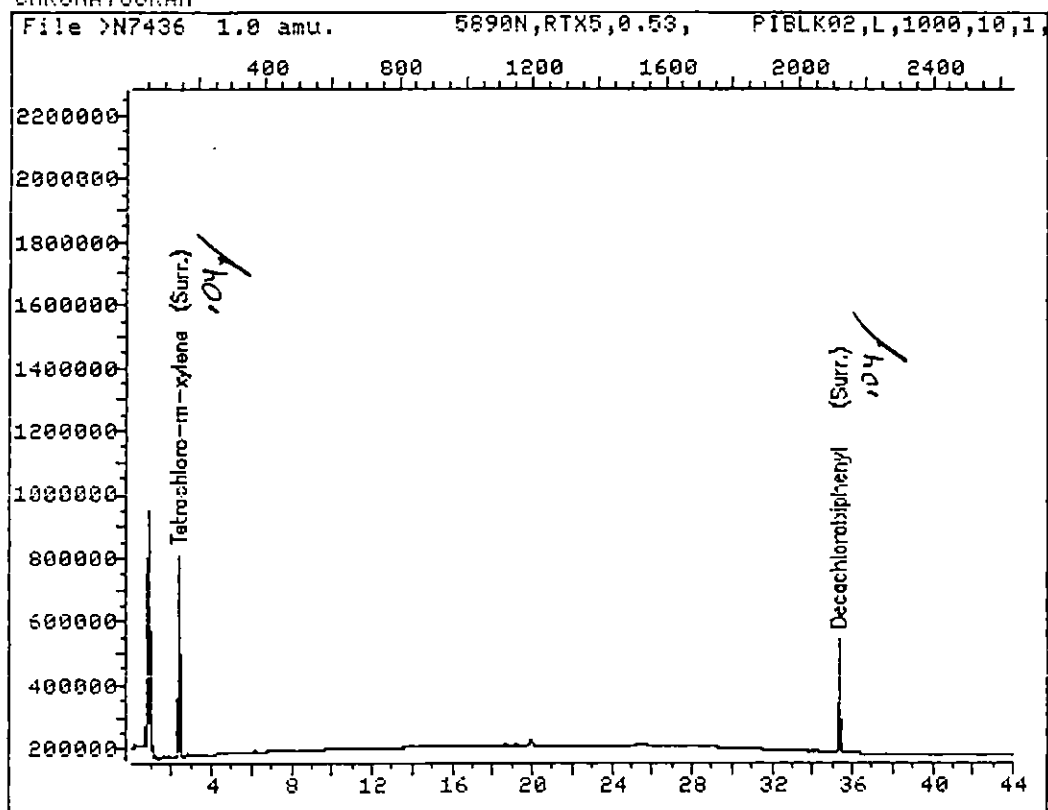
Last Calibration: 930218 08:12

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.33	140	6068767	.128	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.27	2116	11847058	.236	NG	100
12)	#beta-BHC	3.32	199	4114710	.133	NG	100
13)	#delta-BHC	3.93	236	11022338	.135	NG	100
14)	#Aldrin	6.47	388	9907900	.136	NG	100
15)	#Heptachlor epoxide	8.38	503	10005282	.131	NG	100
16)	#gamma-Chlordane	9.80	588	10919736	.137	NG	100
17)	#alpha-Chlordane	10.85	651	10836358	.132	NG	100
18)	#4,4'-DDE	12.73	764	19171520	.270	NG	100
19)	#Endosulfan II	14.68	881	16918524	.252	NG	100
20)	#Endrin aldehyde	16.20	972	11282236	.245	NG	100
21)	#Endosulfan sulfate	18.05	1083	15951578	.250	NG	100
22)	#Endrin ketone	21.53	1292	18788948	.243	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7436::M1
Name: 5890N,RTX5,0.53,
Misc: PIBLK02,L,1000,10,1,PIBLK02,

Quant Output File: ^N7436::QT
Instrument ID: N

Id File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Operator ID: MANAGER
Quant Time : 940824 12:13
Injected at: 940824 01:06

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7436::QT
Data File: ^N7436::M1
Sample: 5890N,RTX5,0.53,
Misc: PIBLK02,L,1000,10,1,PIBLK02,

Quant Rev: 7 Quant Time: 940824 12:13
 Injected at: 940824 01:06
Dilution Factor: 1.00000
Instrument ID: N

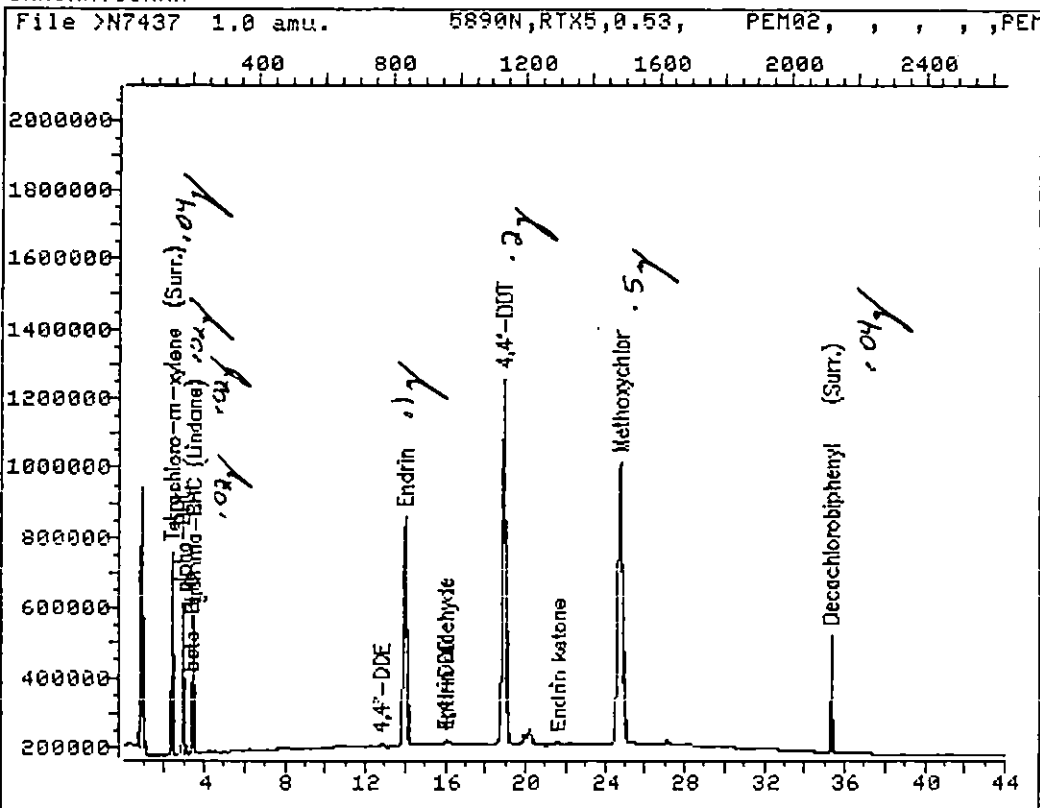
File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene	(Surr.)	2.33	140	2003852	.0422	NG	100
11)	#Decachlorobiphenyl	(Surr.)	35.27	2116	2492373	.0512	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7437::M1
Name: 5890N,RTX5,0.53,
Misc: PEM02, , , ,PEM02,

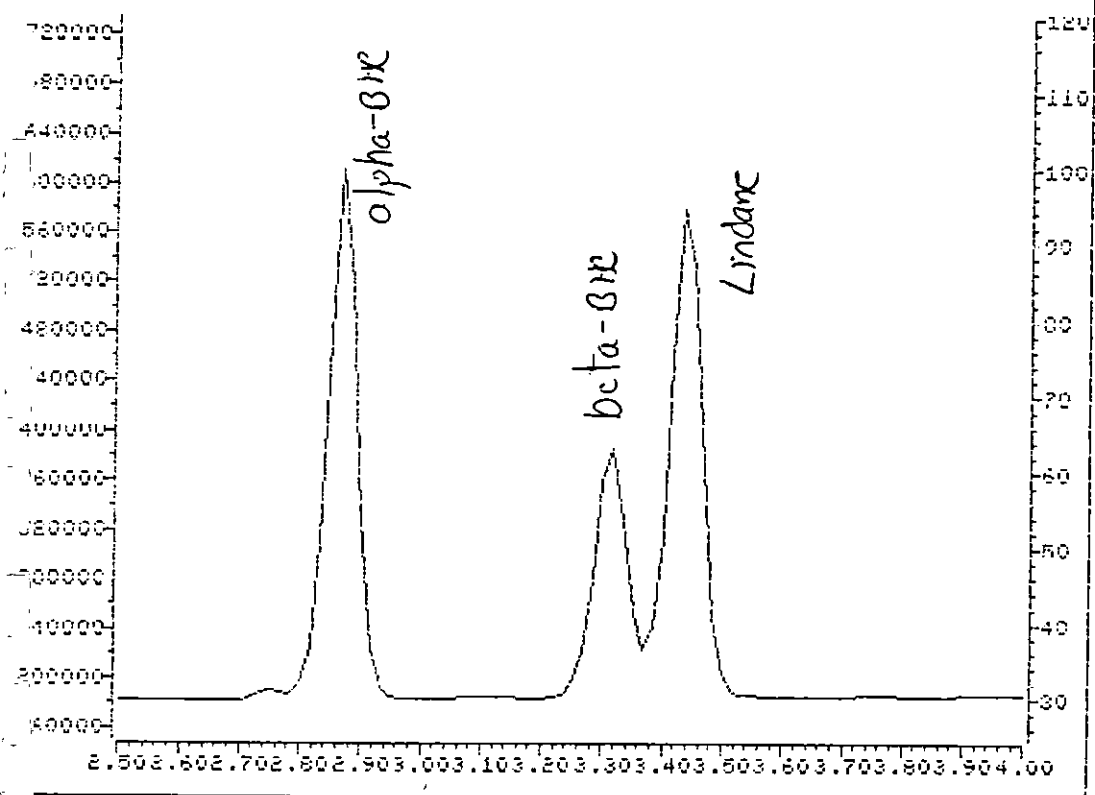
Quant Output File: ^N7437::QT
Instrument ID: N

Id File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Operator ID: MANAGER
Quant Time : 940824 12:15
Injected at: 940824 01:57

File: DN7437 1.0 au. 5890N, RTX5, 0.53, PEN02, , , , PEN02, TIC



INJ=22

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7437::QT
Data File: ^N7437::M1
Sample: 5890N, RTX5, 0.53,
Misc: PEM02, , , , PEM02,

Quant Rev: 7 Quant Time: 940824 12:15
 Injected at: 940824 01:57
Dilution Factor: 1.00000
Instrument ID: N

File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

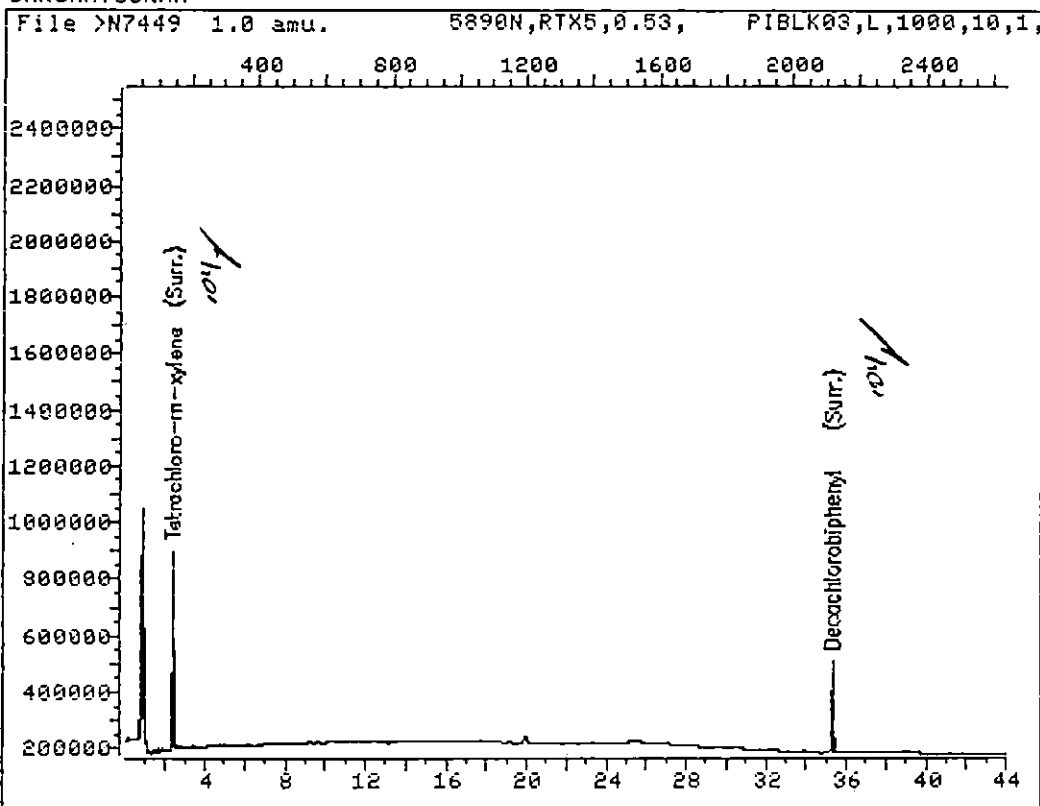
2uL INJECTION

Last Qual Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	2.87	172	1434371	.0205	NG	100
2) #gamma-BHC (Lindane)	3.43	206	1474361	.0228	NG	100
6) #Endrin	13.92	835	6504758	.104	NG	100
7) #4,4'-DDD	15.95	957	159487	.00289	NG	100
8) #4,4'-DDT	18.85	1131	11477536	.181	NG	100
9) #Methoxychlor	24.72	1483	13066260	.475	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	1909683	.0402	NG	100
11) #Decachlorobiphenyl (Surr.)	35.27	2116	2373835	.0488	NG	100
12) #beta-BHC	3.32	199	784196	.0252	NG	100
18) #4,4'-DDE	12.73	764	197951	.00279	NG	100
20) #Endrin aldehyde	15.95	957	159487	.00351	NG	100
22) #Endrin ketone	21.55	1293	270469	.00346	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7449::M1
Name: 5890N,RTX5,0.53,
Misc: PIBLK03,L,1000,10,1,PIBLK03,

Quant Output File: ^N7449::QT
Instrument ID: N

Id File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Operator ID: MANAGER
Quant Time : 940824 13:52
Injected at: 940824 13:03

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7449::QT
Data File: >N7449::M1
Name: 5890N,RTX5,0.53,
Misc: PIBLK03,L,1000,10,1,PIBLK03,

Quant Rev: 7 Quant Time: 940824 13:52
 Injected at: 940824 13:03
Dilution Factor: 1.00000
Instrument ID: N

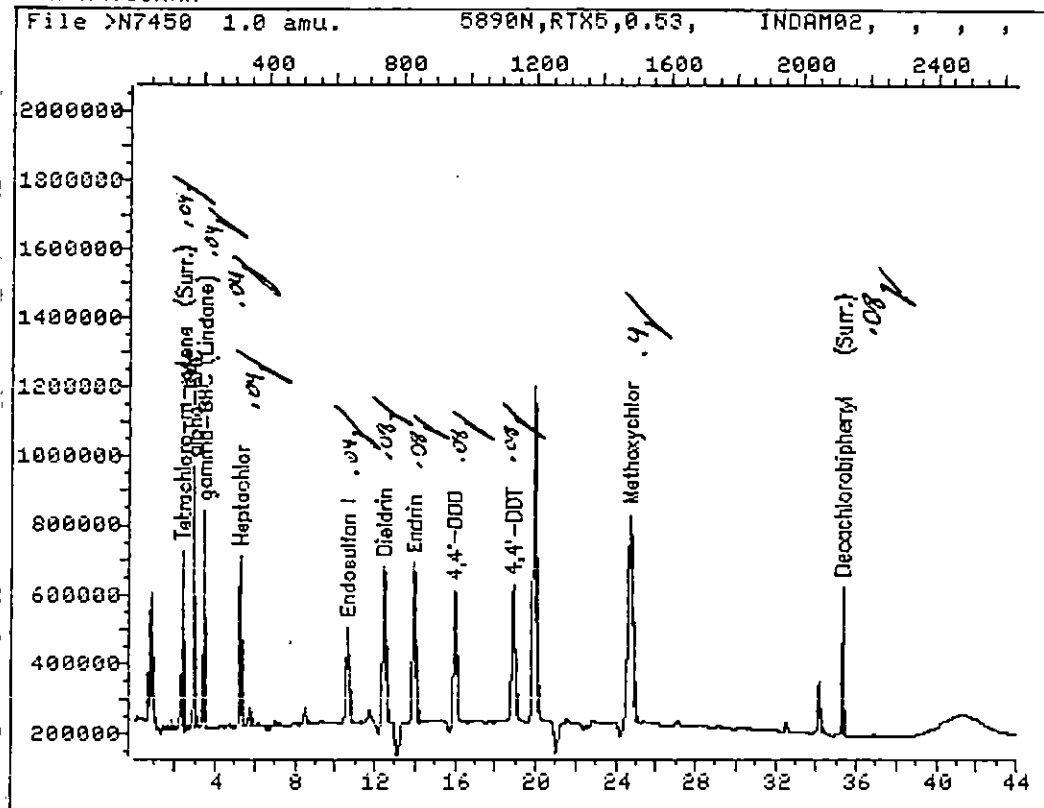
File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	2305099	.0485	NG	100
11) #Decachlorobiphenyl (Surr.)	35.25	2115	2329994	.0479	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7450::M1

Quant Output File: ^N7450::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: INDAM02, , , ,INDAM02,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940824 17:49

Injected at: 940824 16:52

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7450::QT
Data File: >N7450::M1
Name: 5890N,RTX5,0.53,
Misc: INDAM02, , , , ,INDAM02,

Quant Rev: 7 Quant Time: 940824 17:49
 Injected at: 940824 16:52
Dilution Factor: 1.00000
Instrument ID: N

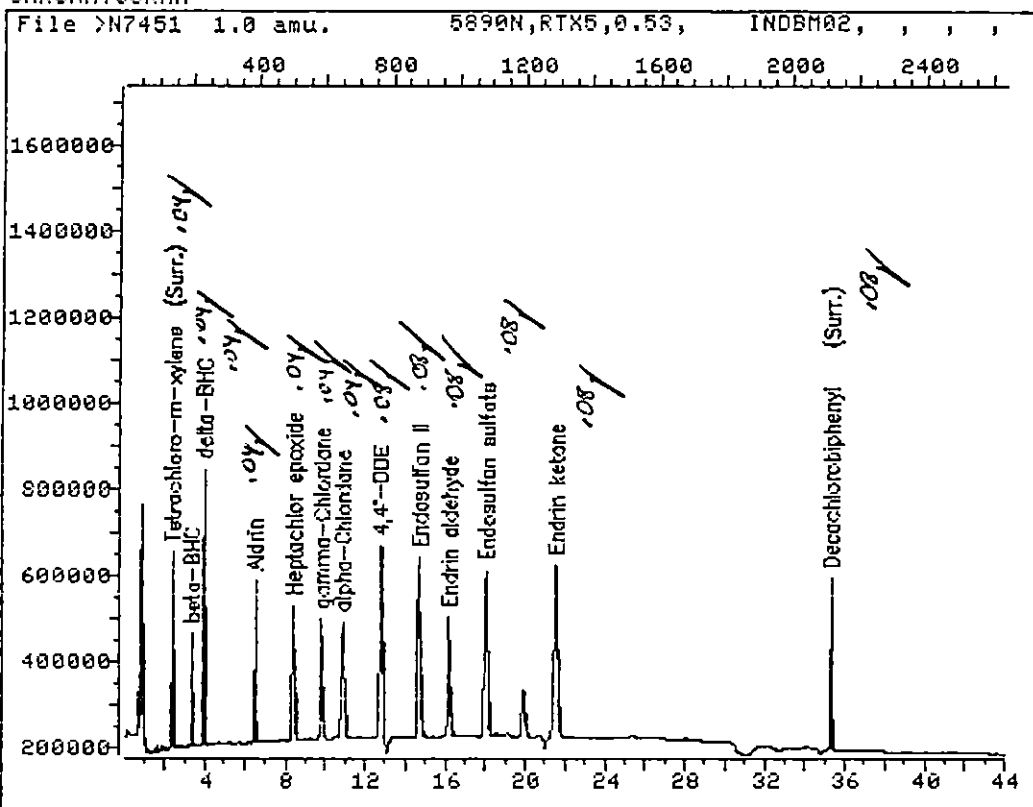
D File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	2.87	172	2521168	.0360	NG	100
2) #gamma-BHC (Lindane)	3.43	206	2240526	.0347	NG	100
3) #Heptachlor	5.22	313	2518417	.0351	NG	100
4) #Endosulfan I	10.57	634	2585754	.0355	NG	100
5) #Dieldrin	12.40	744	4780199	.0698	NG	100
6) #Endrin	13.90	834	4360801	.0694	NG	100
7) #4,4'-DDD	15.90	954	5416441	.0982	NG	100
8) #4,4'-DDT	18.82	1129	4352096	.0687	NG	100
9) #Methoxychlor	24.67	1480	11283478	.410	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	1665861	.0350	NG	100
11) #Decachlorobiphenyl (Surr.)	35.25	2115	3111764	.0639	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7451::M1

Quant Output File: ^N7451::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: INDBM02, , , , INDBM02,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940825 07:53

Injected at: 940824 17:43

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7451::QT
Data File: >N7451::M1
Name: 5890N,RTX5,0.53,
Misc: INDBM02, , , , INDBM02,

Quant Rev: 7 Quant Time: 940825 07:53
 Injected at: 940824 17:43
Dilution Factor: 1.00000
Instrument ID: N

File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

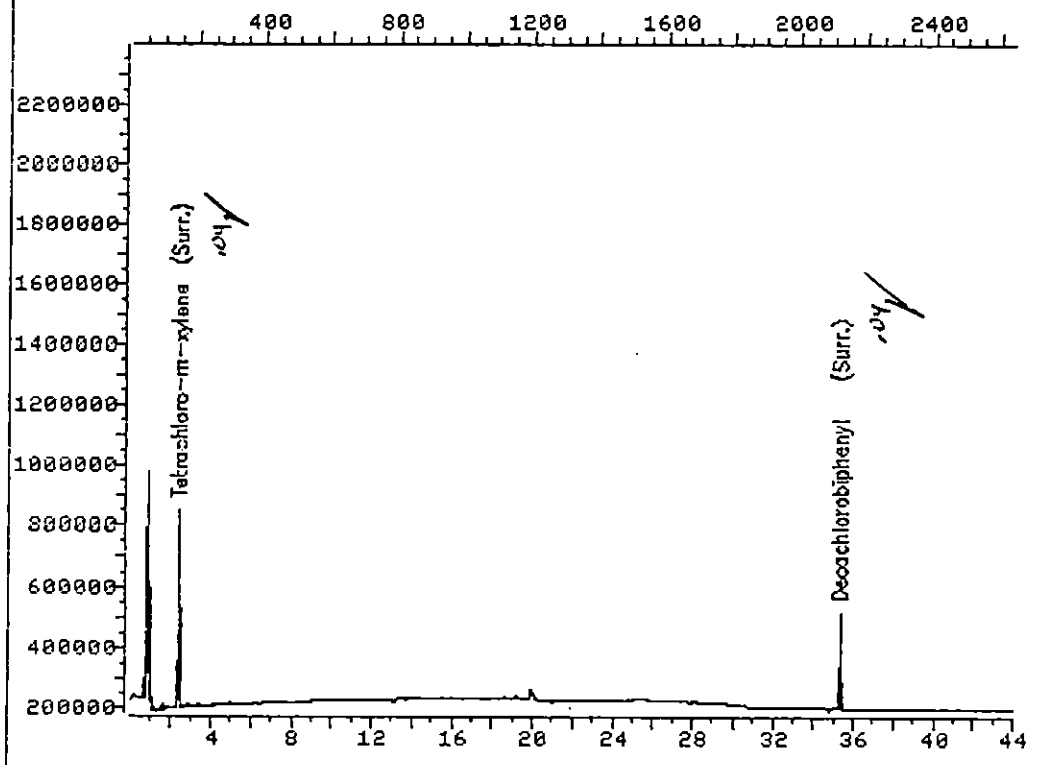
2uL INJECTION
Last Qcal Time: 940823 22:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.33	140	1474601	.0310	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.25	2115	2930650	.0602	NG	100
12)	#beta-BHC	3.30	198	1017248	.0327	NG	100
13)	#delta-BHC	3.92	235	2474065	.0319	NG	100
14)	#Aldrin	6.45	387	2274506	.0318	NG	100
15)	#Heptachlor epoxide	8.37	502	2470292	.0324	NG	100
16)	#gamma-Chlordane	9.78	587	2599395	.0325	NG	100
17)	#alpha-Chlordane	10.83	650	2570688	.0321	NG	100
18)	#4,4'-DDE	12.70	762	5317619	.0749	NG	100
19)	#Endosulfan II	14.65	879	4296350	.0639	NG	100
20)	#Endrin aldehyde	16.17	970	2933762	.0646	NG	100
21)	#Endosulfan sulfate	18.02	1081	4089949	.0639	NG	100
22)	#Endrin ketone	21.50	1290	6251882	.0801	NG	100

Compound uses ESTD

CHROMATOGRAM

File >N7458 1.0 amu. 5890N,RTX5,0.53, PIBLK04,L,1000,10,1,



Data File: >N7458::M1

Quant Output File: ^N7458::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: PIBLK04,L,1000,10,1,PIBLK04,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940825 07:54

Injected at: 940824 23:41

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7458::QT
Data File: ^N7458::M1
Name: 5890N,RTX5,0.53,
Misc: PIBLK04,L,1000,10,1,PIBLK04,

Quant Rev: 7 Quant Time: 940825 07:54
 Injected at: 940824 23:41
Dilution Factor: 1.00000
Instrument ID: N

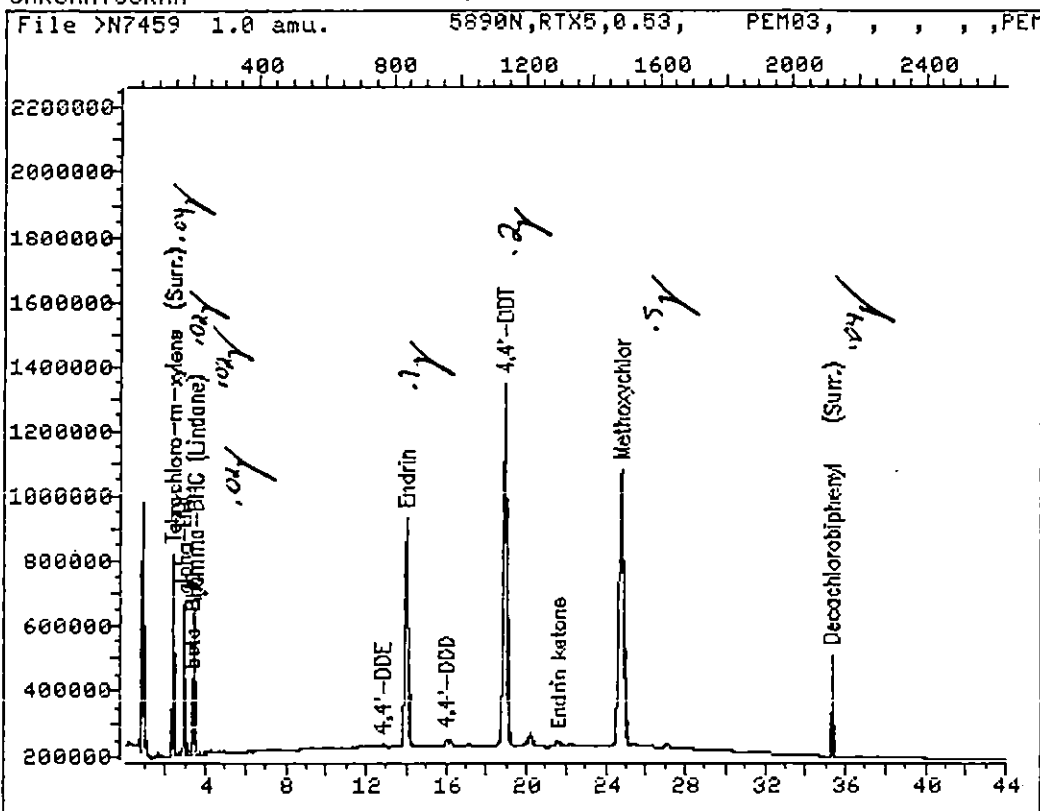
D File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	2340115	.0492	NG	100
11) #Decachlorobiphenyl (Surr.)	35.27	2116	2276826	.0468	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7459::M1
 Name: 5890N,RTX5,0.53,
 Misc: PEM03, , , ,PEM03,

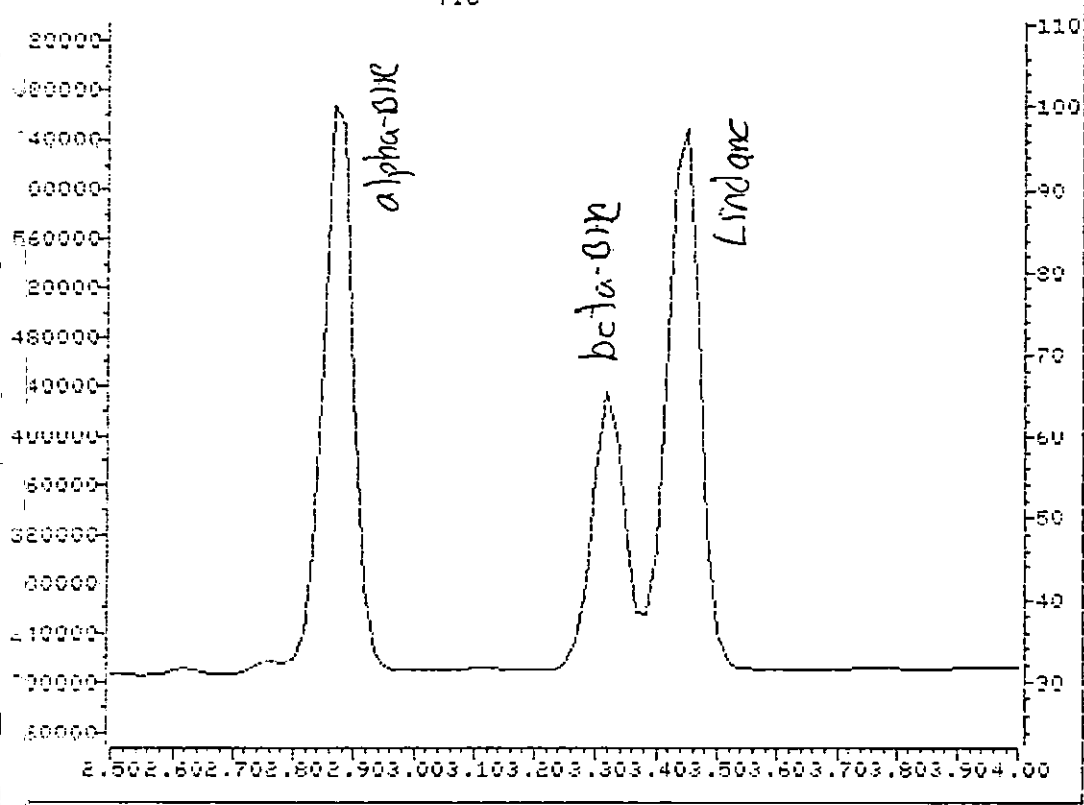
Quant Output File: ^N7459::QT
 Instrument ID: N

Id File: IDN390::SC
 Title: PEST/PCB CLP IDFILE Rtx5
 Last Calibration: 930218 08:12

2uL INJECTION
 Last Qcal Time: 940823 22:33

Operator ID: MANAGER
 Quant Time : 940825 07:55
 Injected at: 940825 00:32

File N7459 1.0 amu. 5890N,RTX5,0.53, PEN03, , , ,PEN03, TIC



INT-22

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7459::QT
Data File: ^N7459::M1
Name: 5890N,RTX5,0.53,
Misc: PEM03, , , ,PEM03,

Quant Rev: 7 Quant Time: 940825 07:55
 Injected at: 940825 00:32
Dilution Factor: 1.00000
Instrument ID: N

D File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION

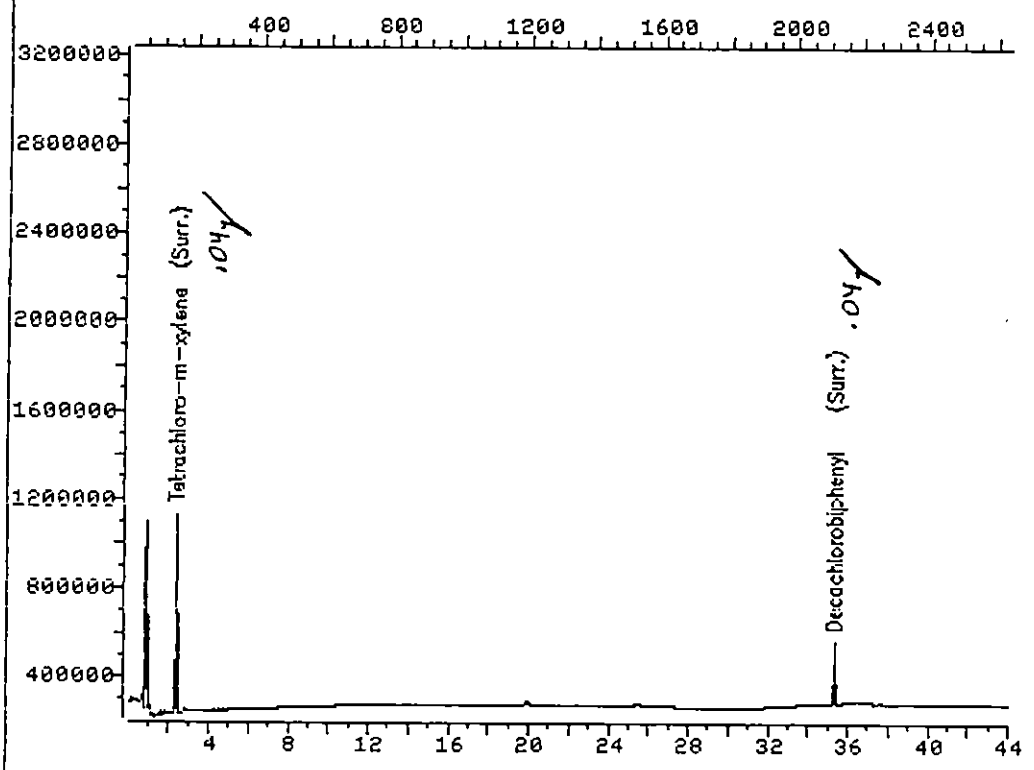
Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #alpha-BHC	2.87	172	1615566	.0231	NG	100
2) #gamma-BHC (Lindane)	3.45	207	1614587	.0250	NG	100
6) #Endrin	13.93	836	6961535	.111	NG	100
7) #4,4'-DDD	15.95	957	250623	.00454	NG	100
8) #4,4'-DDT	18.85	1131	12148364	.192	NG	100
9) #Methoxychlor	24.72	1483	13649188	.496	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	2101763	.0442	NG	100
11) #Decachlorobiphenyl (Surr.)	35.27	2116	2159450	.0444	NG	100
12) #beta-BHC	3.32	199	749306	.0241	NG	100
18) #4,4'-DDE	12.75	765	164671	.00232	NG	100
22) #Endrin ketone	21.55	1293	408910	.00524	NG	100

Compound uses ESTD

CHROMATOGRAM

File >N7469 1.0 amu. 5890N,RTX5,0.53, PIBLK05,L,1000,10,1,



Data File: >N7469::M1

Quant Output File: ^N7469::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: PIBLK05,L,1000,10,1,PIBLK05,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940825 11:46

Injected at: 940825 09:56

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7469::QT
Data File: ^N7469::M1
Name: 5890N,RTX5,0.53,
Disc: PIBLK05,L,1000,10,1,PIBLK05,

Quant Rev: 7 Quant Time: 940825 11:46
 Injected at: 940825 09:56
Dilution Factor: 1.00000
Instrument ID: N

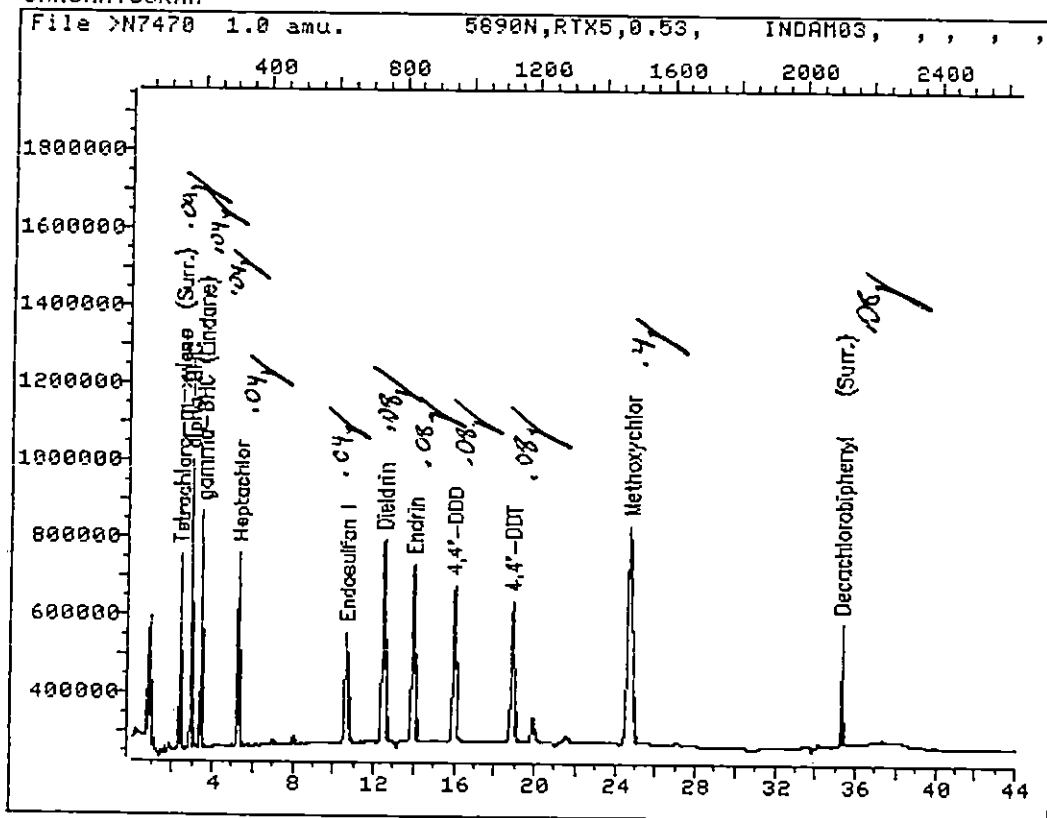
ID File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	2776145	.0584	NG	100
11) #Decachlorobiphenyl (Surr.)	35.27	2116	1983718	.0407	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7470::M1
 Name: 5890N,RTX5,0.53,
 Misc: INDAM03, , , ,INDAM03,

Quant Output File: ^N7470::QT
 Instrument ID: N

Id File: IDN390::SC
 Title: PEST/PCB CLP IDFILE Rtx5
 Last Calibration: 930218 08:12

2uL INJECTION
 Last Qcal Time: 940823 22:33

Operator ID: MANAGER
 Quant Time : 940825 14:08
 Injected at: 940825 12:57

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940825 14:08

Output File: ^N7470::QT

Injected at: 940825 12:57

Data File: >N7470::M1

Dilution Factor: 1.00000

Name: 5890N,RTX5,0.53,

Instrument ID: N

Disc: INDAM03, , , , INDAM03,

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

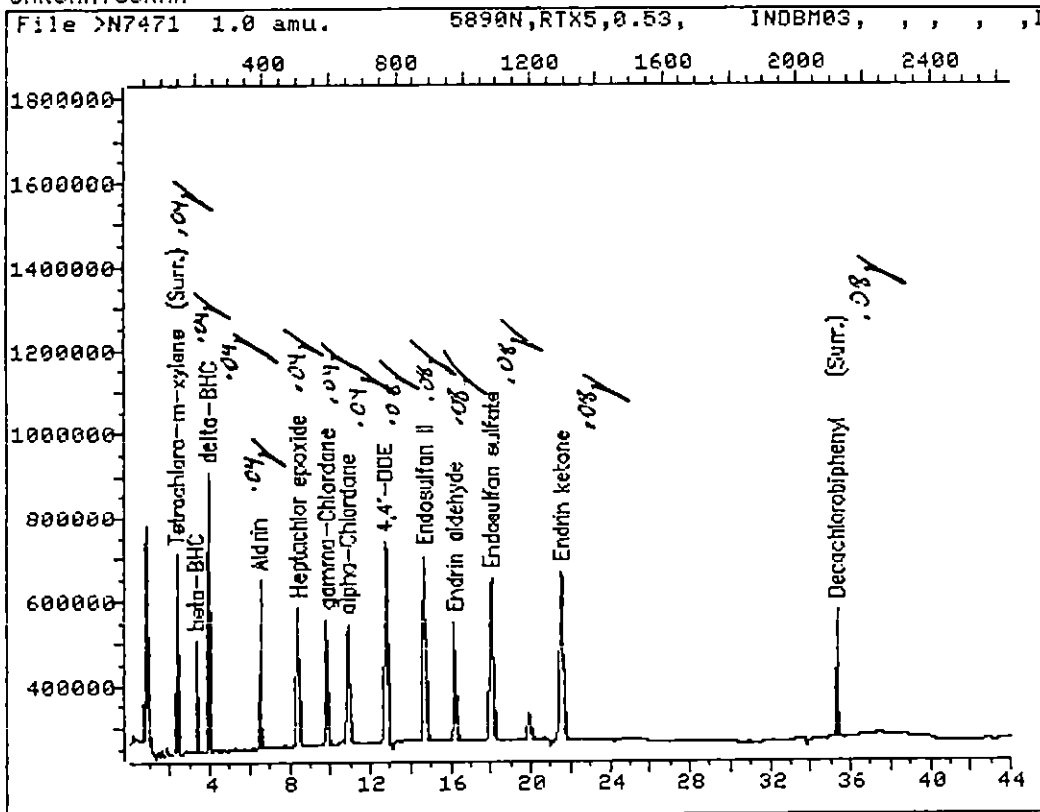
Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#alpha-BHC	2.87	172	2621396	.0375	NG	100
2)	#gamma-BHC (Lindane)	3.45	207	2324135	.0360	NG	100
3)	#Heptachlor	5.23	314	2620702	.0365	NG	100
4)	#Endosulfan I	10.58	635	2690343	.0370	NG	100
5)	#Dieldrin	12.42	745	5024244	.0734	NG	100
6)	#Endrin	13.92	835	4451765	.0708	NG	100
7)	#4,4'-DDD	15.92	955	4103095	.0744	NG	100
8)	#4,4'-DDT	18.83	1130	3860814	.0610	NG	100
9)	#Methoxychlor	24.68	1481	8896354	.324	NG	100
10)	#Tetrachloro-m-xylene (Surr.)	2.33	140	1653392	.0348	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.25	2115	2950372	.0606	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7471::M1
 Name: 5890N,RTX5,0.53,
 Misc: INDBM03, , , , ,INDBM03,

Quant Output File: ^N7471::QT
 Instrument ID: N

Id File: IDN390::SC
 Title: PEST/PCB CLP IDFILE Rtx5
 Last Calibration: 930218 08:12

2uL INJECTION
 Last Qcal Time: 940823 22:33

Operator ID: MANAGER
 Quant Time : 940825 14:49
 Injected at: 940825 13:48

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7471::QT
Data File: >N7471::M1
Name: 5890N,RTX5,0.53,
isc: INDBM03, , , ,INDBM03,

Quant Rev: 7 Quant Time: 940825 14:49
Injected at: 940825 13:48
Dilution Factor: 1.00000
Instrument ID: N

ID File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	1464010	.0308	NG	100
11) #Decachlorobiphenyl (Surr.)	35.25	2115	3030776	.0623	NG	100
12) #beta-BHC	3.30	198	1011779	.0325	NG	100
13) #delta-BHC	3.92	235	2579477	.0332	NG	100
14) #Aldrin	6.45	387	2401560	.0335	NG	100
15) #Heptachlor epoxide	8.37	502	2560223	.0336	NG	100
16) #gamma-Chlordane	9.78	587	2714343	.0340	NG	100
17) #alpha-Chlordane	10.82	649	2694750	.0337	NG	100
18) #4,4'-DDE	12.70	762	5149366	.0725	NG	100
19) #Endosulfan II	14.65	879	4479350	.0667	NG	100
20) #Endrin aldehyde	16.17	970	2953650	.0650	NG	100
21) #Endosulfan sulfate	18.02	1081	4111671	.0642	NG	100
22) #Endrin ketone	21.50	1290	5355428	.0686	NG	100

Compound uses ESTD

10
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE ID

PEBLK03

Lab Name: LRI Contract:

Lab Code: LRI CASE No.: 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) SOIL Lab Sample ID: 7585-BLK

Sample wt/Vol: 30 (g/ml) G Lab File ID: >N/452

% Moisture: decanted: (Y/N) Y Date Received:

Extraction: (Sept/Cont/Sonc) SONC Date Extracted: 08/07/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/24/94

Injection Volume: 2 (uL) Dilution Factor: 1

PC Cleanup: (Y/N) Y pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/kg U

CAS NO.

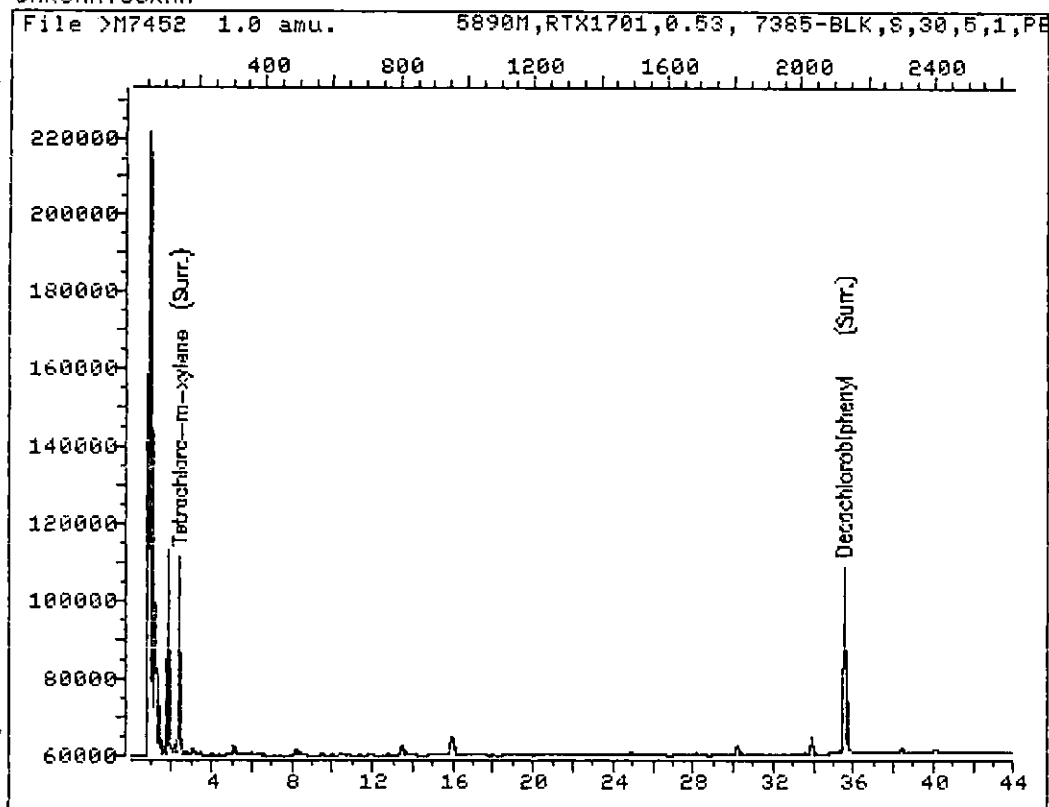
COMPOUND

319-84-6-----	alpha-BHC	1.710
319-85-7-----	beta-BHC	1.710
319-86-8-----	delta-BHC	1.710
58-39-9-----	gamma-BHC (Lindane)	1.710
76-44-8-----	Heptachlor	1.710
309-00-2-----	Aldrin	1.710
1024-57-3-----	Heptachlor epoxide	1.710
959-98-8-----	Endosulfan I	1.710
60-57-1-----	Dieldrin	3.310
72-55-9-----	4,4'-DDE	3.310
72-20-8-----	Endrin	3.310
33213-65-9-----	Endosulfan II	3.310
72-54-8-----	4,4'-DDD	3.310
1031-07-8-----	Endosulfan sulfate	3.310
50-27-3-----	4,4'-DDT	3.310
72-43-6-----	methoxychlor	1.710
53494-70-9-----	Endrin ketone	3.310
7421-93-4-----	Endrin aldehyde	3.310
5103-71-9-----	alpha-Chlordane	1.710
5103-74-2-----	gamma-Chlordane	1.710
8001-35-2-----	Toxaphene	17010
12674-11-2-----	Aroclor 1016	3310
11104-28-2-----	Aroclor 1221	6710
11141-16-5-----	Aroclor 1232	3310
53459-21-9-----	Aroclor 1242	3310
12672-29-6-----	Aroclor 1248	3310
11097-69-1-----	Aroclor 1254	3310
11096-82-5-----	Aroclor 1260	3310

SADP: 166.62

588

CHROMATOGRAM



Data File: >M7452::M1
 Name: 5890M,RTX1701,0.53,
 Misc: 7385-BLK,S,30,5,1,PBLK03,

Quant Output File: ^M7452::QT
 Instrument ID: M

Id File: IDM390::SC
 Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
 Last Calibration: 930215 09:47 Last Qcal Time: 940823 21:42

Operator ID: MANAGER
 Quant Time : 940825 09:37
 Injected at: 940824 18:34

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7452::QT
Data File: >M7452::M1
Name: 5890M,RTX1701,0.53,
sc: 7385-BLK,S,30,5,1,PBLK03,

Quant Rev: 7 Quant Time: 940825 09:37
 Injected at: 940824 18:34
Dilution Factor: 1.00000
Instrument ID: M

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

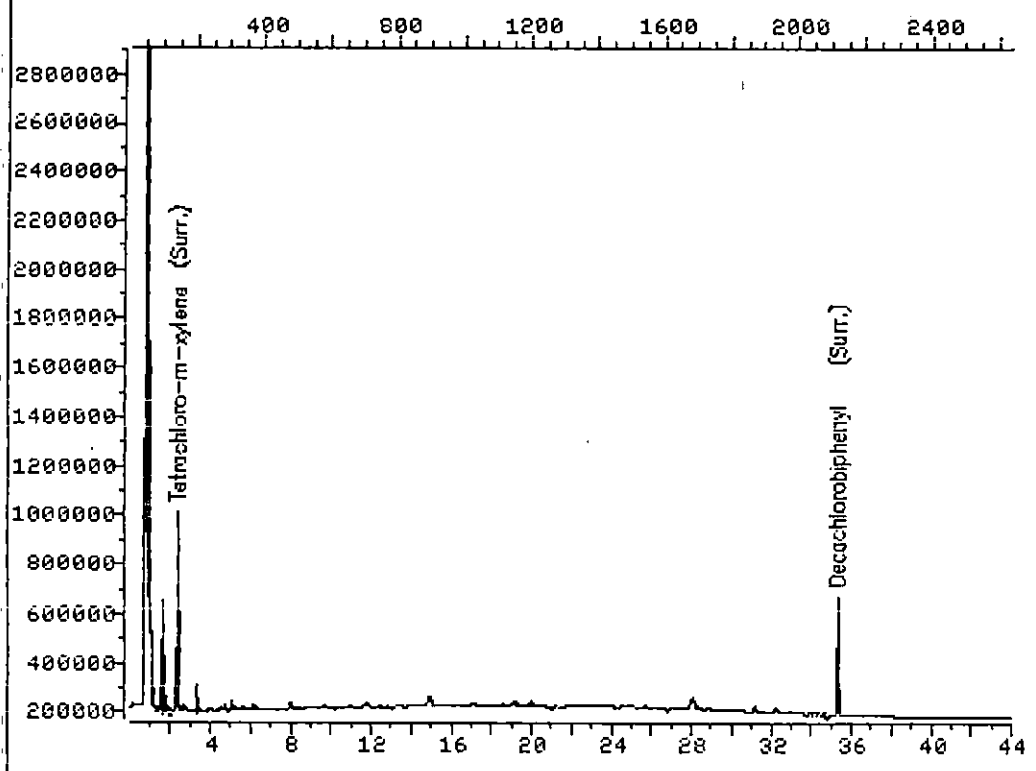
Last Qcal Time: 940823 21:42

	Compound		R.T.	Scan#	Area	Conc	Units	q
0)	#Tetrachloro-m-xylene (Surr.)		2.37	142	176192	.0637	NG	100
1)	#Decachlorobiphenyl (Surr.)		35.47	2128	349164	.0791	NG	100

Compound uses ESTD

CHROMATOGRAM

File >N7452 1.0 amu. 5890N,RTX5,0.53, 7385-BLK,S,30,5,1,PB



Data File: >N7452::M1
Name: 5890N,RTX5,0.53,
Misc: 7385-BLK,S,30,5,1,PBLK03,

Quant Output File: ^N7452::QT
Instrument ID: N

Id File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rt×5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Operator ID: MANAGER
Quant Time : 940825 09:38
Injected at: 940824 18:34

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7452::QT
Data File: >N7452::M1
Time: 5890N,RTX5,0.53,
isc: 7385-BLK,S,30,5,1,PBLK03,

Quant Rev: 7 Quant Time: 940825 09:38
 Injected at: 940824 18:34
Dilution Factor: 1.00000
Instrument ID: N

File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION
Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	2562962	.0539	NG	100
11) #Decachlorobiphenyl (Surr.)	35.25	2115	3398039	.0698	NG	100

Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSDOE SAMPLE ID

Lab Name: LRI

Contract:

IPBLK01

Lab Code: LRI

CASE No.: 08103

SAS No.:

SOG No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: 7-86-BLK

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: >M2438

% Moisture: decanted: (Y/N) N

Date Received: xxxxxxxx

Extraction: (SepF/Cont/Sono) SEPF

Date Extracted: 08/07/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

PC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

LAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

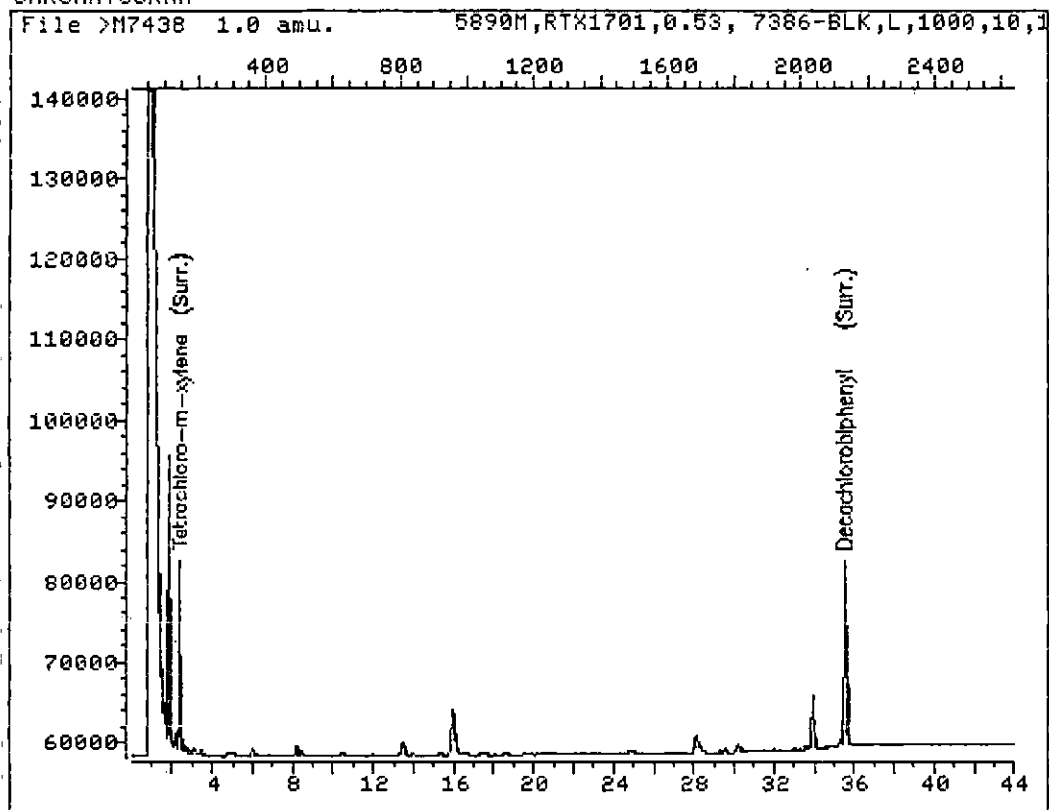
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319-84-6-----	alpha-BHC	.0500
319-85-7-----	beta-BHC	.0500
319-86-8-----	delta-BHC	.0500
58-89-9-----	gamma-BHC (Lindane)	.0500
76-44-8-----	Heptachlor	.0500
309-80-2-----	Aldrin	.0500
1024-57-3-----	Heptachlor epoxide	.0500
959-98-8-----	Endosulfan I	.0500
60-57-1-----	Dieldrin	.1000
72-55-9-----	4,4'-DDE	.1000
72-20-8-----	Endrin	.1000
33213-65-9-----	Endosulfan II	.1000
72-54-8-----	4,4'-DDD	.1000
1031-07-8-----	Endosulfan sulfate	.1000
50-29-3-----	4,4'-DDT	.1000
72-43-5-----	Methoxychlor	.5000
55494-70-5-----	Endrin ketone	.1000
7421-93-4-----	Endrin aldehyde	.1000
5103-71-9-----	alpha-Chlordane	.0500
5103-74-2-----	gamma-Chlordane	.0500
8001-35-2-----	Toxaphene	5.000
12674-11-2-----	Aroclor 1016	1.000
11104-28-2-----	Aroclor 1221	2.000
11141-16-5-----	Aroclor 1232	1.000
55469-21-9-----	Aroclor 1242	1.000
12672-29-6-----	Aroclor 1248	1.000
11097-69-1-----	Aroclor 1254	1.000
11096-82-5-----	Aroclor 1260	1.000

SADF: 5.00

593

CHROMATOGRAM



Data File: >M7438::M1

Quant Output File: ^M7438::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: 7386-BLK,L,1000,10,1,PBLK01,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 12:15

Injected at: 940824 02:48

QUANT REPORT

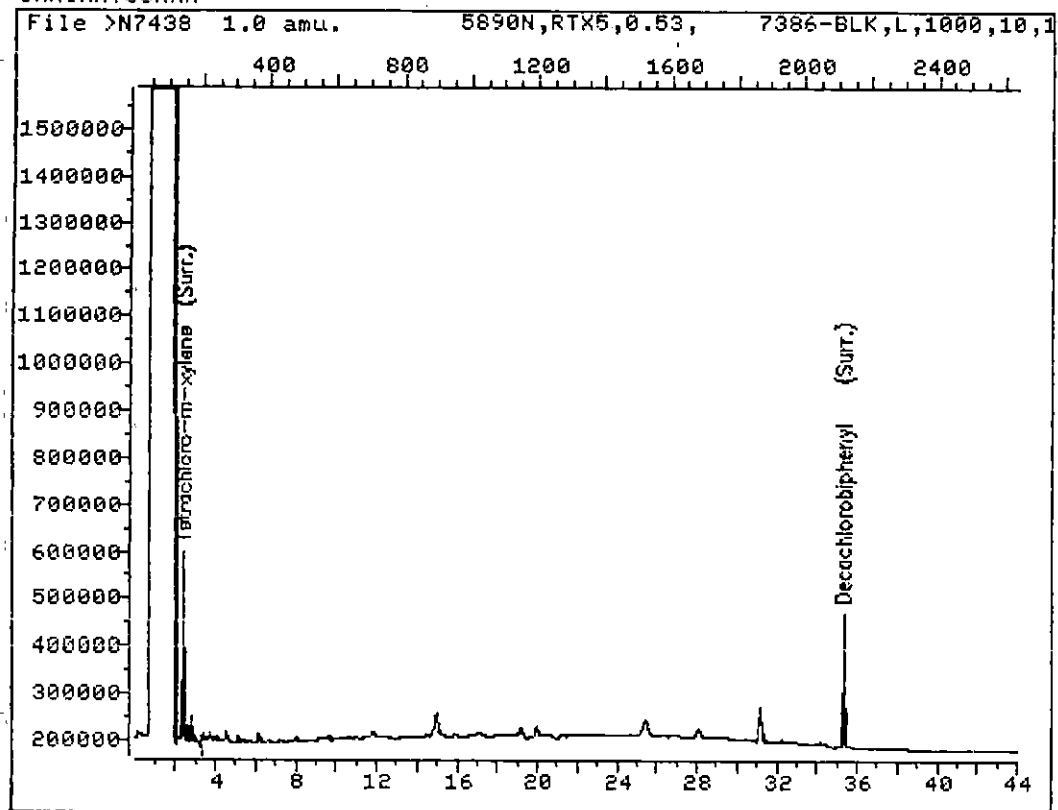
Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940824 12:15
Output File: ^M7438::QT Injected at: 940824 02:48
Data File: >M7438::M1 Dilution Factor: 1.00000
Name: 5890M,RTX1701,0.53, Instrument ID: M
Isotope: 7386-BLK,L,1000,10,1,PBLK01,
ID File: IDM390::SC
Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
Last Calibration: 930215 09:47 Last Qual Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
0)	#Tetrachloro-m-xylene (Surr.)	2.37	142	78880	.0285	NG	100
1)	#Decachlorobiphenyl (Surr.)	35.47	2128	169288	.0384	NG	100

Compound uses ESTD

CHROMATOGRAM



QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7438::QT
Data File: >N7438::M1
Name: 5890N,RTX5,0.53,
Disc: 7386-BLK,L,1000,10,1,PBLK01,

Quant Rev: 7 Quant Time: 940824 12:16
 Injected at: 940824 02:48
Dilution Factor: 1.00000
Instrument ID: N

File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION

Last Qcal Time: 940823 22:33

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)		2.33	140	1319694	.0278	NG	100
11)	#Decachlorobiphenyl (Surr.)		35.27	2116	2038833	.0419	NG	100

* Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

ANALYSED SAMPLE 11

IPBLK04

Lab Name: LRI

Contract:

Lab Code: LRI

CASE No.: 08103

SAS No.:

SUB No.: 810501

Matrix: (soil/water) SOIL

Lab Sample ID: 7385-BLK2

Sample wt/vol: 30 (g/ml) G

Lab File ID: >M7461

% Moisture: decanted: (Y/N) Y

Date Received: 00/00/00

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 08/11/94

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/25/94

Injection Volume: 2 (uL)

Dilution Factor: 1

GPC Cleanup: (Y/N) Y

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/kg) US/mb L

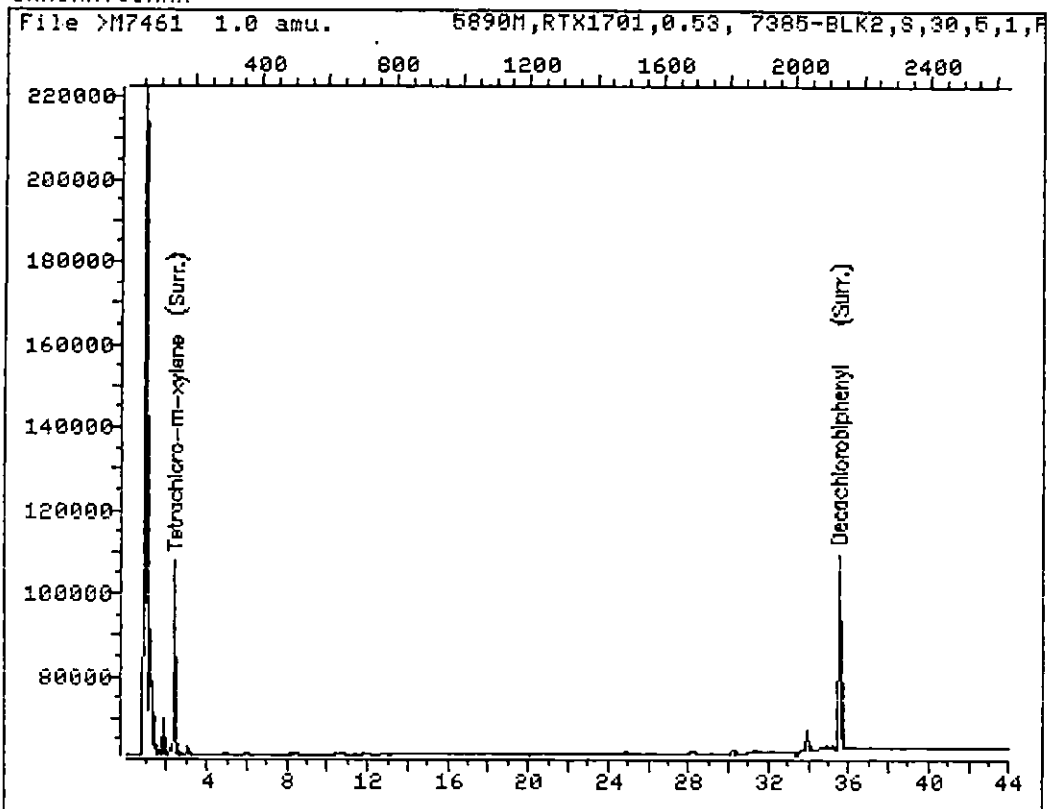
LAS NO.

COMPOUND

319-84-6-----	alpha-BHC	1.710
319-85-7-----	beta-BHC	1.710
319-86-8-----	delta-BHC	1.710
58-89-9-----	gamma-BHC (Lindane)	1.710
76-44-8-----	Heptachlor	1.710
309-00-2-----	Aldrin	1.710
1024-57-3-----	Heptachlor epoxide	1.710
959-98-8-----	Endosulfan I	1.710
60-57-1-----	Dieldrin	3.310
72-55-9-----	4,4'-DDE	3.310
72-20-8-----	Endrin	3.310
35213-65-9-----	Endosulfan II	3.310
72-54-8-----	4,4'-DDD	3.310
1021-07-8-----	Endosulfan sulfate	3.310
50-24-3-----	4,4'-DDT	3.310
72-43-5-----	Methoxychlor	1.710
53494-70-5-----	Endrin ketone	3.310
7421-93-4-----	Endrin aldehyde	3.310
5103-71-9-----	alpha-Chlordane	1.710
5103-74-2-----	gamma-Chlordane	1.710
8001-35-2-----	Toxaphene	17010
12674-11-2-----	Aroclor 1016	3310
11104-28-2-----	Aroclor 1221	6710
11141-16-5-----	Aroclor 1232	3310
53469-21-9-----	Aroclor 1242	3310
12672-29-6-----	Aroclor 1248	3310
11097-69-1-----	Aroclor 1254	3310
11096-82-5-----	Aroclor 1260	3310

SABF: 166.6%

CHROMATOGRAM



Data File: >M7461::M1
 Name: 5890M,RTX1701,0.53,
 Misc: 7385-BLK2,S,30,5,1,PBLK04,

Quant Output File: ^M7461::QT
 Instrument ID: M

Id File: IDM390::SC
 Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
 Last Calibration: 930215 09:47 Last Qcal Time: 940823 21:42

Operator ID: MANAGER
 Quant Time : 940825 09:47
 Injected at: 940825 02:14

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7461::QT
Data File: >M7461::M1
Name: 5890M,RTX1701,0.53,
Misc: 7385-BLK2,S,30,5,1,PBLK04,

Quant Rev: 7 Quant Time: 940825 09:47
 Injected at: 940825 02:14
Dilution Factor: 1.00000
Instrument ID: M

D File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

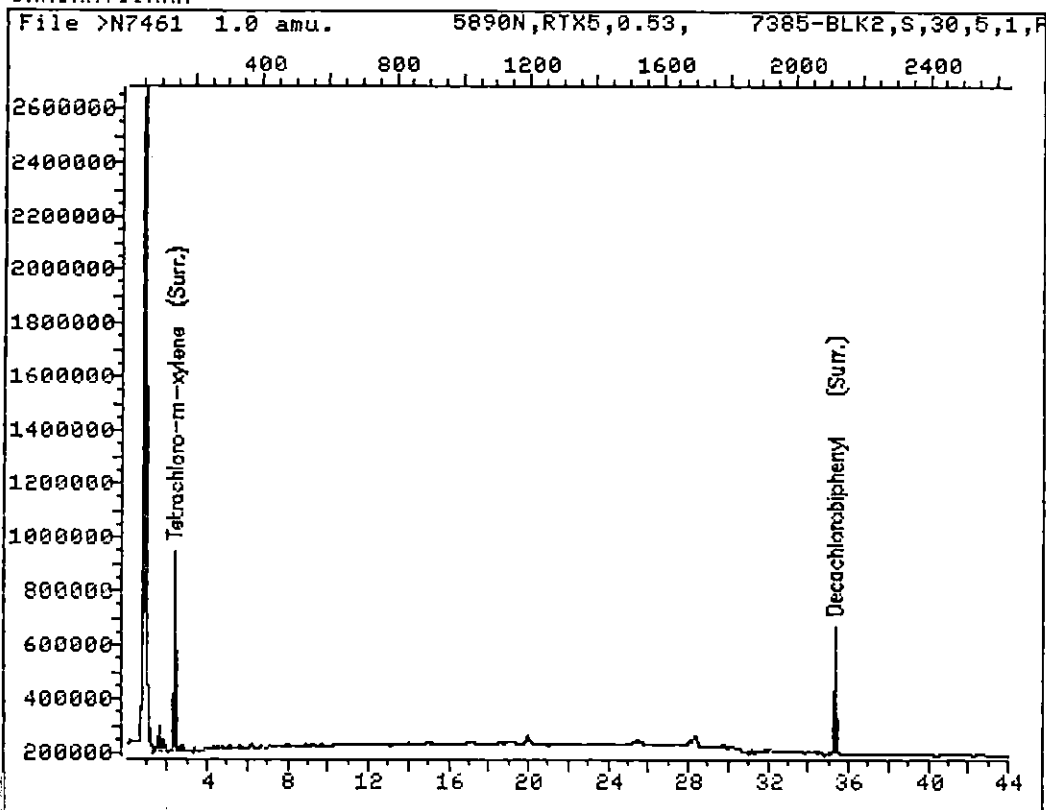
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene	(Surr.)	2.37	142	159947	.0579	NG	100
11)	#Decachlorobiphenyl	(Surr.)	35.47	2128	345520	.0783	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7461::M1
 Name: 5890N,RTX5,0.53,
 Misc: 7385-BLK2,S,30,5,1,PBLK04,

Quant Output File: ^N7461::QT
 Instrument ID: N

Id File: IDN390::SC
 Title: PEST/PCB CLP IDFILE Rtx5
 Last Calibration: 930218 08:12

2uL INJECTION
 Last Qcal Time: 940823 22:33

Operator ID: MANAGER
 Quant Time : 940825 09:48
 Injected at: 940825 02:14

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7461::QT
Data File: >N7461::M1
Name: 5890N,RTX5,0.53,
Misc: 7385-BLK2,S,30,5,1,PBLK04,

Quant Rev: 7 Quant Time: 940825 09:48
 Injected at: 940825 02:14
Dilution Factor: 1.00000
Instrument ID: N

D File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5
Last Calibration: 930218 08:12

2uL INJECTION

Last Qcal Time: 940823 22:33

	Compound		R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)		2.33	140	2318721	.0488	NG	100
11)	#Decachlorobiphenyl (Surr.)		35.27	2116	3339881	.0686	NG	100

Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

MYSEC SAMPLE 11

Lab Name: LRI

Contract:

IPBLK02

Lab Code: LRI

CASE No.: 08103

SAS No.:

SOG No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: 7386-BLK2

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: >M2444

% Moisture: decanted: (Y/N) N

Date Received: 08/04/94

Extraction: (Seph/Cont/Sonc) SEPH

Date Extracted: 08/11/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

PC Cleanup: (Y/N) N

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

CAS NO.

COMPOUND

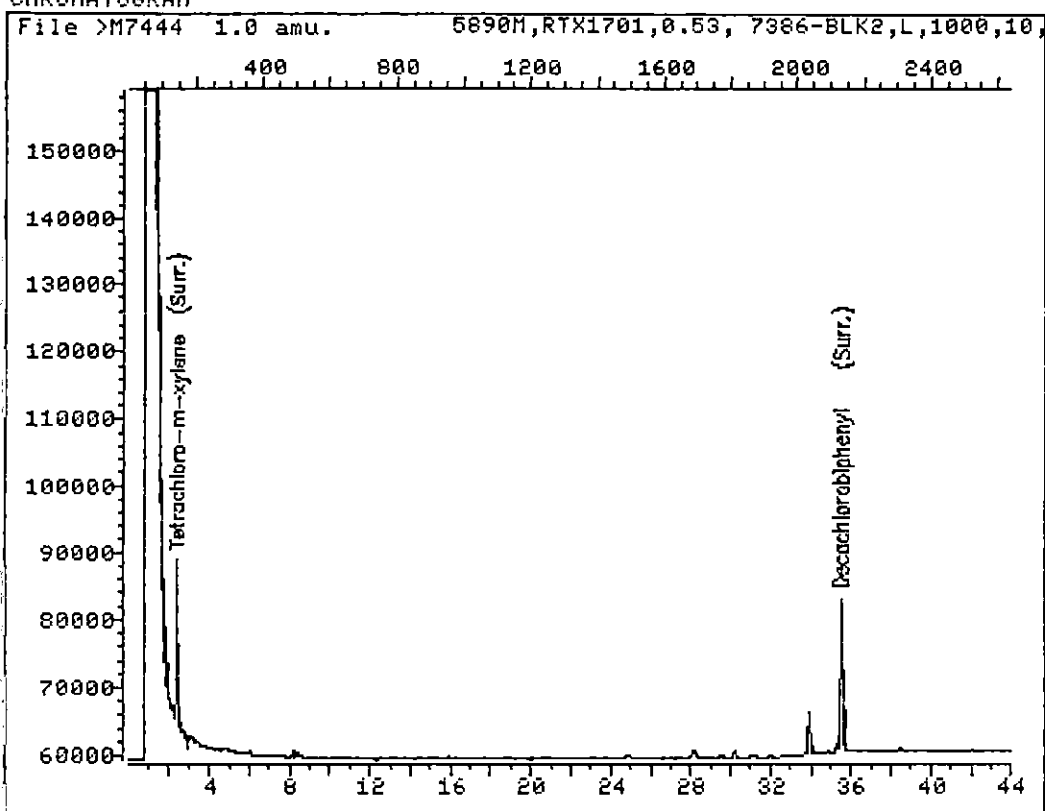
L

519-84-6-----	alpha-BHC	0.0000
519-85-7-----	beta-BHC	0.0000
519-86-8-----	delta-BHC	0.0000
58-59-9-----	gamma-BHC (Lindane)	0.0000
76-44-8-----	Heptachlor	0.0000
309-00-2-----	Aldrin	0.0000
1024-57-3-----	Heptachlor epoxide	0.0000
959-98-8-----	Endosulfan I	0.0000
60-57-1-----	Dieldrin	0.000
72-55-9-----	4,4'-DDE	0.000
72-20-8-----	Endrin	0.000
33213-65-9-----	Endosulfan II	0.000
72-54-8-----	4,4'-DDD	0.000
1051-07-8-----	Endosulfan sulfate	0.000
50-29-3-----	4,4'-DDT	0.000
72-43-5-----	Methoxychlor	0.000
55494-70-5-----	Endrin ketone	0.000
7421-93-4-----	Endrin aldehyde	0.000
5103-71-9-----	alpha-Chlordane	0.0000
5103-74-2-----	gamma-Chlordane	0.0000
8001-35-2-----	Ioxaphene	0.000
12674-11-2-----	Aroclor 1016	0.000
11184-28-2-----	Aroclor 1221	0.000
11141-16-5-----	Aroclor 1232	0.000
53469-21-9-----	Aroclor 1242	0.000
12672-29-6-----	Aroclor 1248	0.000
11097-69-1-----	Aroclor 1254	0.000
11098-82-5-----	Aroclor 1260	0.000

SADF: 5.00

703

CHROMATOGRAM



Data File: >M7444::M1

Quant Output File: ^M7444::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: 7386-BLK2,L,1000,10,1,PBLK02,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 12:23

Injected at: 940824 08:47

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940824 12:23
Output File: ^M7444::QT Injected at: 940824 08:47
Data File: >M7444::M1 Dilution Factor: 1.00000
Name: 5890M,RTX1701,0.53, Instrument ID: M
Misc: 7386-BLK2,L,1000,10,1,PBLK02,

) File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

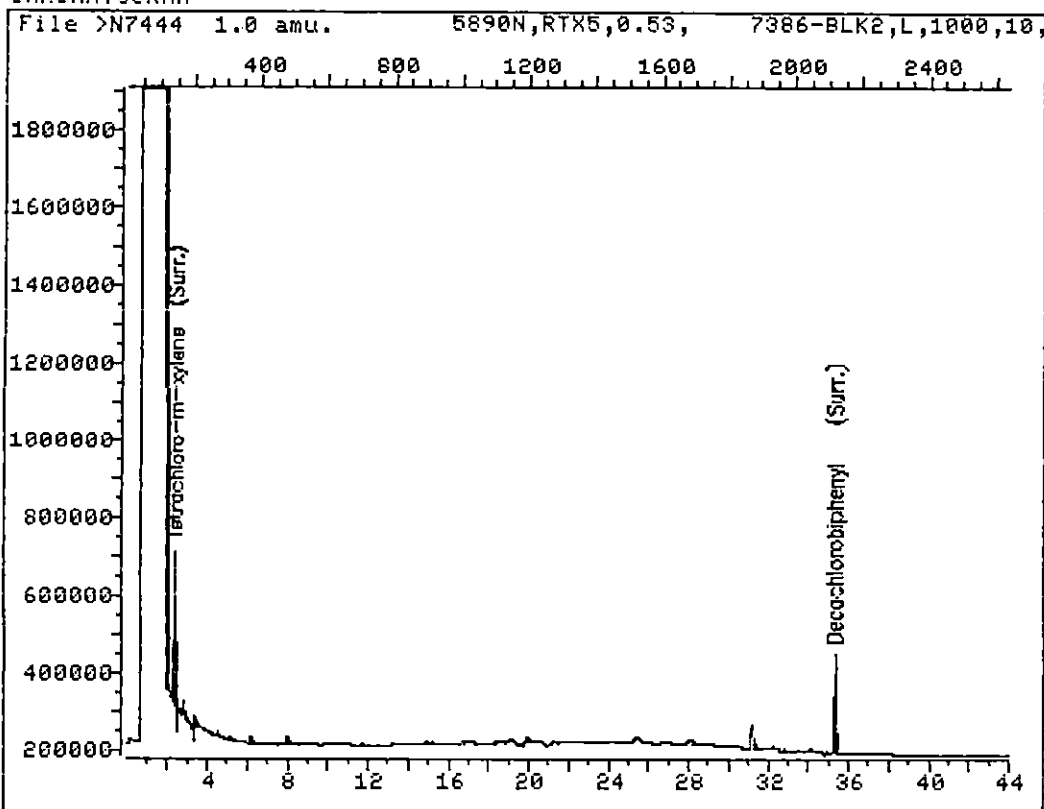
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	95775	.0346	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.47	2128	164440	.0373	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7444::M1

Quant Output File: ^N7444::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: 7386-BLK2,L,1000,10,1,PBLK02,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940824 12:24

Injected at: 940824 08:47

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940824 12:24
Output File: ^N7444::QT Injected at: 940824 08:47
Data File: >N7444::M1 Dilution Factor: 1.00000
Name: 5890N,RTX5,0.53, Instrument ID: N
Misc: 7386-BLK2,L,1000,10,1,PBLK02,

File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	1955347	.0411	NG	100
11) #Decachlorobiphenyl (Surr.)	35.25	2115	1804883	.0371	NG	100

Compound uses ESTD

10
PESTICIDE ORGANIC ANALYSIS DATA SHEET

ANALYST SAMPLE ID

Lab Name: LRI

Contract:

IPBLANK3MSB

Lab Code: LRI

CASE No.: 08103

SAS No.:

SUB No.: 810301

Matrix: (soil/water) SOIL

Lab Sample ID: 7585-BLKSP

Sample wt/Vol: 30 (g/ml) G

Lab File ID: 202453

% Moisture: decanted: (Y/N) Y

Date Received:

Extraction: (SapF/Cont/Sonc) SUNC

Date Extracted: 08/02/94

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

GC Cleanup: (Y/N) Y

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/kg) USE/MS

CAS NO.

COMPOUND

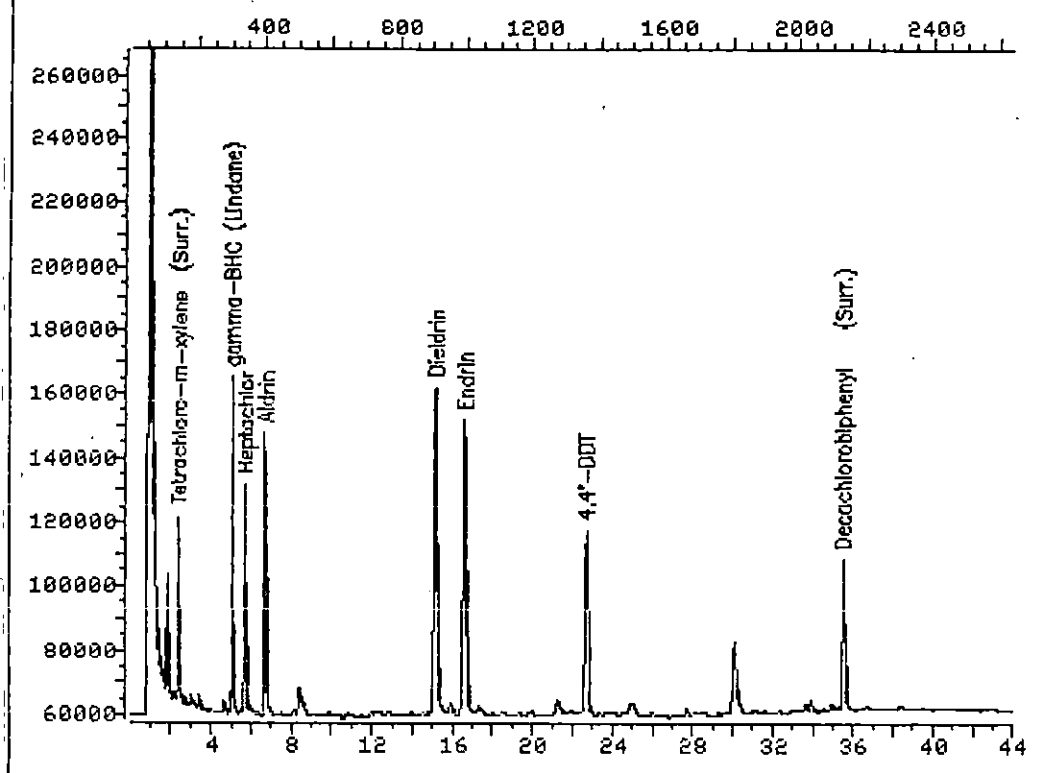
319-84-6-----	alpha-BHC	1.710
319-85-2-----	beta-BHC	1.710
319-86-8-----	delta-BHC	1.710
58-89-9-----	gamma-BHC (Lindane)	181P
75-44-8-----	Heptachlor	151P
319-00-2-----	Aldrin	151P
1024-57-3-----	Heptachlor epoxide	1.710
554-98-8-----	Endosulfan I	1.710
60-57-1-----	Dieldrin	301P
72-55-9-----	4,4'-DDE	3.310
72-20-8-----	Endrin	311P
55213-65-9-----	Endosulfan II	1.510
72-54-8-----	4,4'-DDD	3.310
1151-07-8-----	Endosulfan sulfate	1.510
50-29-3-----	4,4'-DDT	291P
72-43-5-----	Methoxychlor	1710
53494-70-5-----	Endrin ketone	3.310
7221-93-4-----	Endrin aldehyde	1.510
5103-71-9-----	alpha-Chlordane	1.710
5103-74-2-----	gamma-Chlordane	1.710
8001-35-2-----	Toxaphene	12010
12674-11-2-----	Aroclor 1016	3310
11104-28-2-----	Aroclor 1221	6710
11141-16-5-----	Aroclor 1232	3310
52469-21-9-----	Aroclor 1242	3310
12672-29-6-----	Aroclor 1248	3310
11097-69-1-----	Aroclor 1254	3310
11096-82-5-----	Aroclor 1260	3310

SARF: 166.67

708

CHROMATOGRAM

File >M7453 1.0 amu. 5890M,RTX1701,0.53, 7385-BLKSPK,S,30,5,1



Data File: >M7453::M1

Quant Output File: ^M7453::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: 7385-BLKSPK,S,30,5,1,PBLANK3MSB,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940825 09:40

Injected at: 940824 19:25

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940825 09:40

Output File: ^M7453::QT

Injected at: 940824 19:25

Data File: >M7453::M1

Dilution Factor: 1.00000

Name: 5890M,RTX1701,0.53,

Instrument ID: M

sc: 7385-BLKSPK,S,30,5,1,PBLANK3MSB,

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

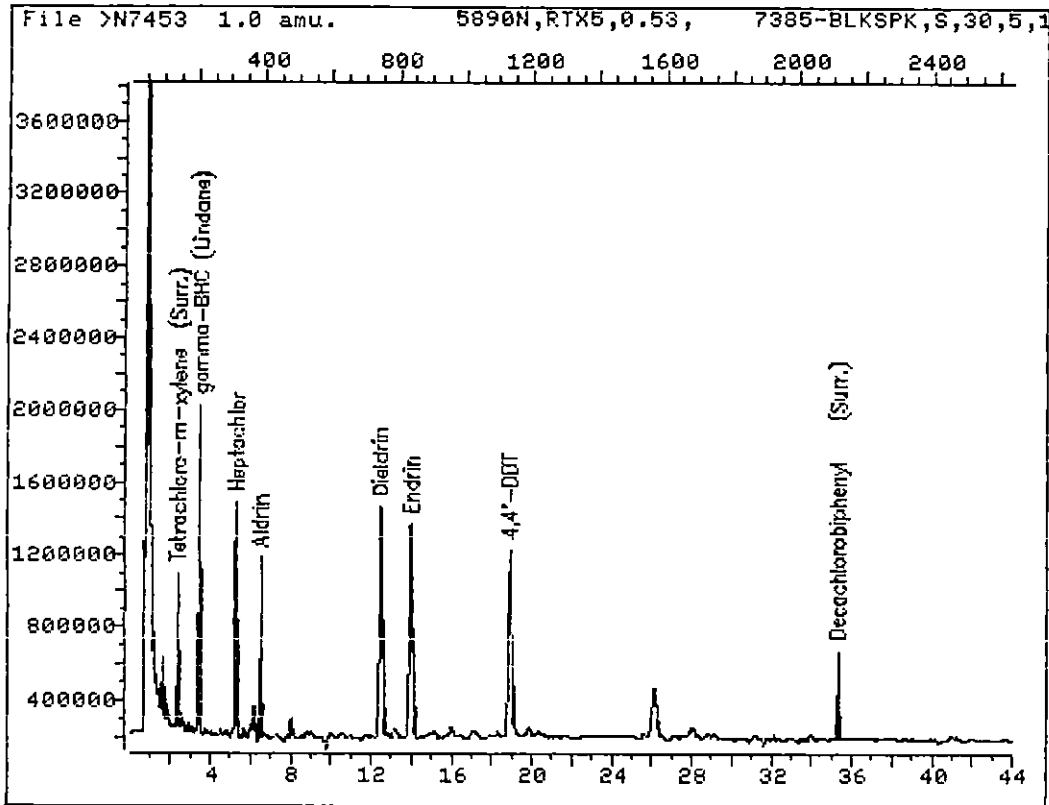
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#gamma-BHC (Lindane)	4.98	299	543675	.146	NG	100
3)	#Heptachlor	5.68	341	392728	.138	NG	100
5)	#Dieldrin	15.12	907	1000715	.243	NG	100
6)	#Endrin	16.60	996	906291	.259	NG	100
8)	#4,4'-DDT	22.63	1358	686819	.270	NG	100
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	180753	.0654	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.47	2128	337901	.0766	NG	100
12)	#Aldrin	6.70	402	560657	.122	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7453::M1

Quant Output File: ^N7453::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: 7385-BLKSPK,S,30,5,1,PBLANK3MSB,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940825 09:40

Injected at: 940824 19:25

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940825 09:40
Output File: ^N7453::QT Injected at: 940824 19:25
Data File: >N7453::M1 Dilution Factor: 1.00000
Name: 5890N,RTX5,0.53, Instrument ID: N
sc: 7385-BLKSPK,S,30,5,1,PBLANK3MSB,

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#gamma-BHC (Lindane)	3.43	206	6992943	.108	NG	100
3)	#Heptachlor	5.22	313	6527975	.0910	NG	100
5)	#Dieldrin	12.40	744	12270410	.179	NG	100
6)	#Endrin	13.92	835	11697678	.186	NG	100
8)	#4,4'-DDT	18.83	1130	10879620	.172	NG	100
10)	#Tetrachloro-m-xylene (Surr.)	2.33	140	2542096	.0535	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.27	2116	3359325	.0690	NG	100
14)	#Aldrin	6.47	388	6407909	.0895	NG	100

Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSLER SAMPLE ID

Lab Name: LRI

Contract:

PELANKIMSB

Lab Code: LRI

CASE No.: 08103

SAS No.:

SUB No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: 7386-BLK/SPH

Sample wt/Vol: 1000 (g/ml) ML

Lab File ID: >M/439

% Moisture: decanted: (Y/N) N

Date Received: xxxxxxxx

Extraction: (Seph/Cont/Sonc) SEPH

Date Extracted: 08/04/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

S-P Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

LAS NO.

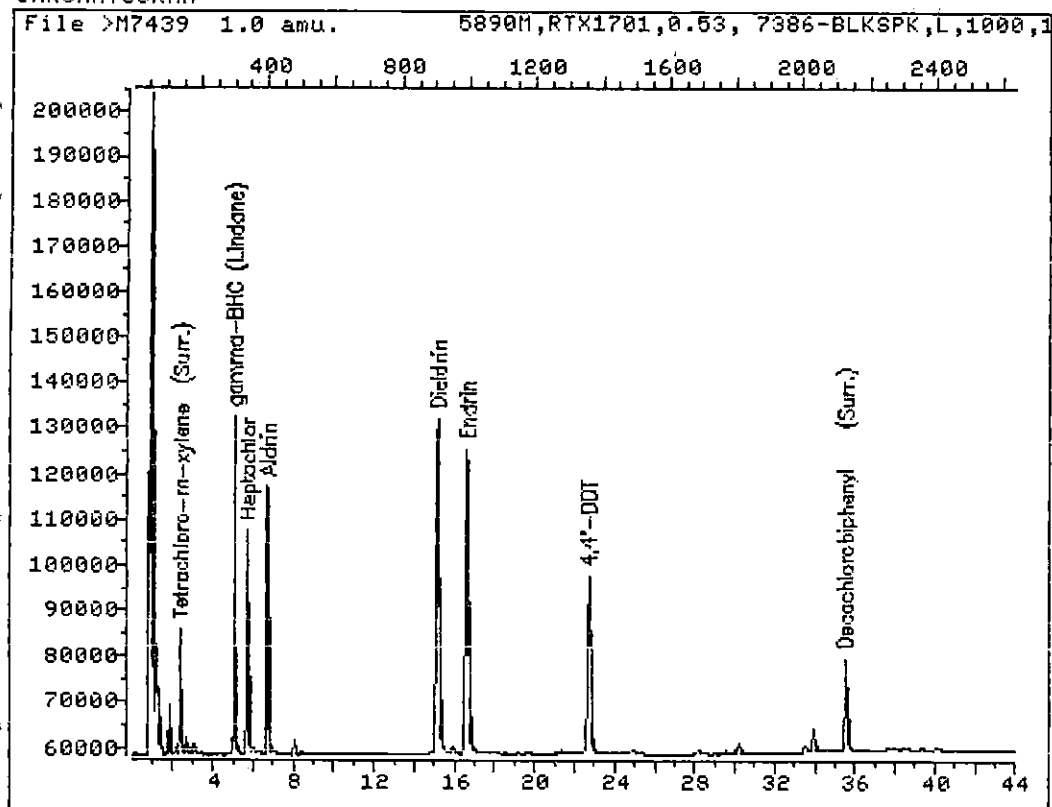
COMPOUND

U

319-84-6-----	alpha-BHC	.05010
319-85-7-----	beta-BHC	.05010
319-86-8-----	delta-BHC	.05010
58-89-9-----	gamma-BHC (Lindane)	.3510
76-44-8-----	Heptachlor	.421
309-00-2-----	Aldrin	.391
1024-57-3-----	Heptachlor epoxide	.05010
959-98-8-----	Endosulfan I	.05010
60-57-1-----	Dieldrin	.851
72-55-9-----	4,4'-DDE	.1010
72-20-8-----	Endrin	.851
53213-65-9-----	Endosulfan II	.1010
72-54-8-----	4,4'-DDD	.1010
1031-07-8-----	Endosulfan sulfate	.1010
50-29-3-----	4,4'-DDT	.851
72-43-5-----	Methoxychlor	.5010
53494-70-5-----	Endrin ketone	.1010
7421-93-4-----	Endrin aldehyde	.1010
5103-71-9-----	alpha-Chlordane	.05010
5103-74-2-----	gamma-Chlordane	.05010
8001-35-2-----	Ioxaphene	5.010
12674-11-2-----	Aroclor 1016	1.010
11104-28-2-----	Aroclor 1221	2.010
11141-16-5-----	Aroclor 1232	1.010
53469-21-9-----	Aroclor 1242	1.010
12672-29-6-----	Aroclor 1248	1.010
11097-69-1-----	Aroclor 1254	1.010
11096-82-5-----	Aroclor 1260	1.010

SADF: 5.00

CHROMATOGRAM



Data File: >M7439::M1

Quant Output File: ^M7439::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: 7386-BLKSPK,L,1000,10,1,PBLANK1MSB,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qual Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 12:17

Injected at: 940824 03:39

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940824 12:17

Output File: ^M7439::QT

Injected at: 940824 03:39

Data File: >M7439::M1

Dilution Factor: 1.00000

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Vsc: 7386-BLKSPK,L,1000,10,1,PBLANK1MSB,

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

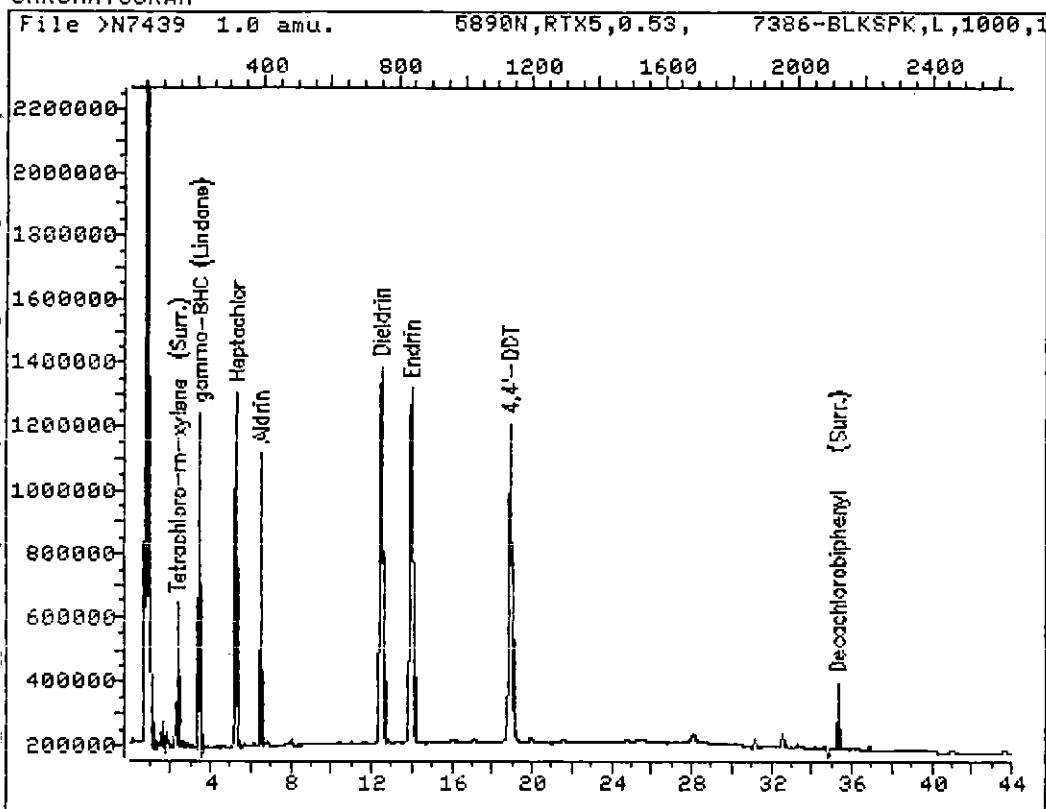
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#gamma-BHC (Lindane)	4.98	299	368479	.0988	NG	100
3)	#Heptachlor	5.68	341	264567	.0927	NG	100
5)	#Dieldrin	15.12	907	709327	.172	NG	100
6)	#Endrin	16.60	996	658129	.188	NG	100
8)	#4,4'-DDT	22.65	1359	480862	.189	NG	100
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	92874	.0336	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.48	2129	147040	.0333	NG	100
12)	#Aldrin	6.70	402	363231	.0788	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7439::M1

Quant Output File: ^N7439::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: 7386-BLKSPK,L,1000,10,1,PBLANK1MSB,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE RtX5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940824 12:18

Injected at: 940824 03:39

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940824 12:18
Output File: ^N7439::QT Injected at: 940824 03:39
Data File: >N7439::M1 Dilution Factor: 1.00000
Name: 5890N,RTX5,0.53, Instrument ID: N
Disc: 7386-BLKSPK,L,1000,10,1,PBLANK1MSB,

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#gamma-BHC (Lindane)	3.43	206	4528023	.0701	NG	100
3)	#Heptachlor	5.23	314	5954614	.0830	NG	100
5)	#Dieldrin	12.42	745	11597422	.169	NG	100
6)	#Endrin	13.92	835	11181350	.178	NG	100
8)	#4,4'-DDT	18.85	1131	10756678	.170	NG	100
10)	#Tetrachloro-m-xylene (Surr.)	2.33	140	1480058	.0311	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.27	2116	1587086	.0326	NG	100
14)	#Aldrin	6.47	388	5675610	.0793	NG	100

Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE ID

Lab Name: LRI

Contract:

1820-12 MS

Lab Code: LRI

CASE No.: 08103

SAS No.:

SOG No.: 810301

Matrix: (soil/water) SOIL

Lab Sample ID: 1408069-04MS

Sample wt/Vol: 30 (g/ml) G

Lab File ID: >M7455

% Moisture: 4 decanted: (Y/N) N

Date Received: 08/04/94

Extraction: (Seph/Cont/Sonc) SONIC

Date Extracted: 08/07/94

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

HL Cleanup: (Y/N) Y

pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

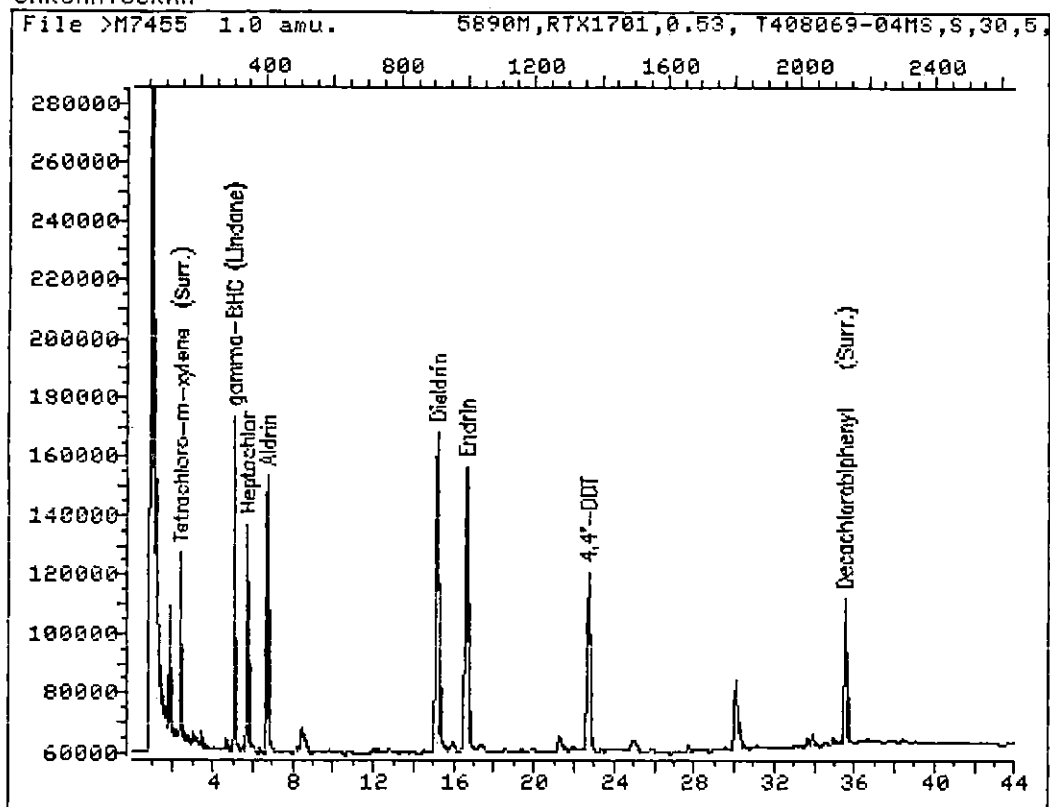
COMPOUND

(ug/L or ug/kg) UG/KG G

319-84-6-----	alpha-BHC	1.710
319-85-7-----	beta-BHC	1.710
319-86-8-----	delta-BHC	1.710
58-89-9-----	gamma-BHC (Lindane)	1910
76-44-8-----	Heptachlor	1610
309-00-2-----	Aldrin	1610
1024-57-3-----	Heptachlor epoxide	1.710
959-98-8-----	Endosulfan I	1.710
60-57-1-----	Dieldrin	3210
72-55-9-----	4,4'-DDE	3.510
72-20-8-----	Endrin	3510
33213-65-9-----	Endosulfan II	3.510
72-54-8-----	4,4'-DDD	3.510
1051-07-8-----	Endosulfan sulfate	3.510
50-29-3-----	4,4'-DDT	2910
72-43-5-----	Methoxychlor	1210
53494-70-5-----	Endrin ketone	3.510
7421-93-4-----	Endrin aldehyde	3.510
5103-21-9-----	alpha-Chlordane	1.710
5103-74-2-----	gamma-Chlordane	1.710
8001-35-2-----	Ioxaphene	12010
12674-11-2-----	Aroclor 1016	3510
11104-28-2-----	Aroclor 1221	6910
11141-16-5-----	Aroclor 1232	3510
53469-21-9-----	Aroclor 1242	3510
12672-29-6-----	Aroclor 1248	3510
11097-69-1-----	Aroclor 1254	3510
11096-82-5-----	Aroclor 1260	3510

SADP: 173.61

CHROMATOGRAM



Data File: >M7455::M1

Quant Output File: ^M7455::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: T408069-04MS,S,30,5,1,B20-12 MS,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940825 09:43

Injected at: 940824 21:08

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7455::QT
Data File: >M7455::M1
Time: 5890M,RTX1701,0.53,
Sc: T408069-04MS,S,30,5,1,B20-12 MS,

Quant Rev: 7 Quant Time: 940825 09:43
 Injected at: 940824 21:08
Dilution Factor: 1.00000
Instrument ID: M

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

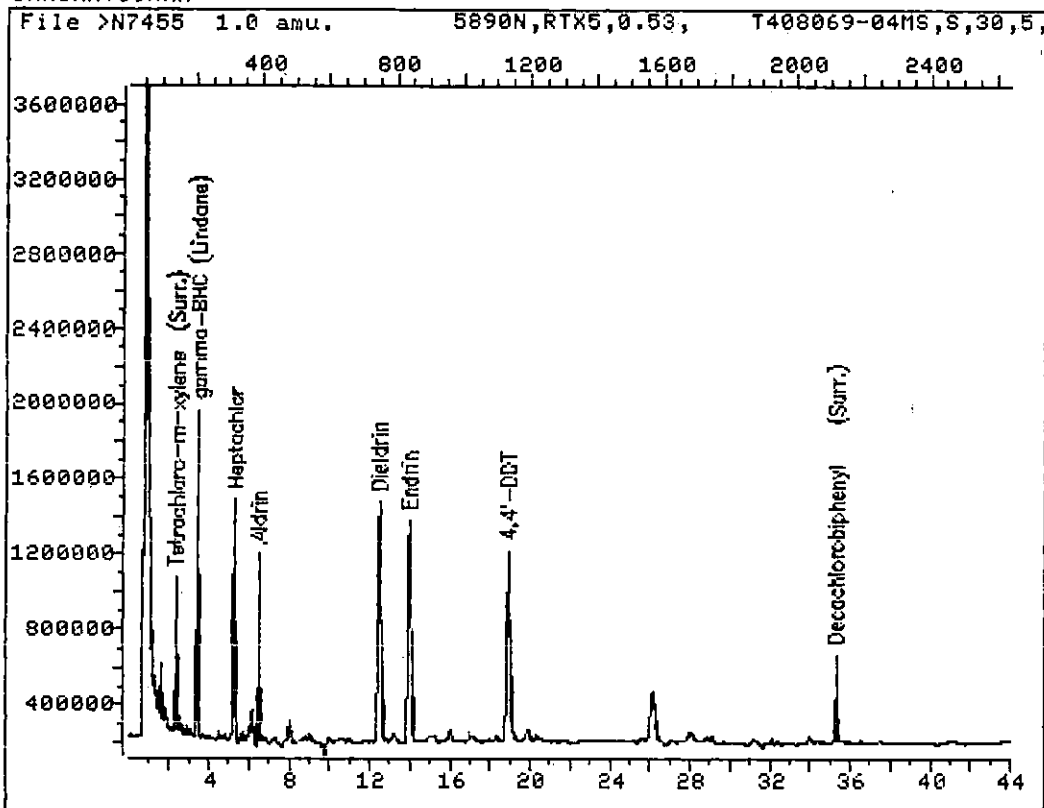
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#gamma-BHC (Lindane)	4.98	299	579209	.155	NG	100
3)	#Heptachlor	5.68	341	423205	.148	NG	100
5)	#Dieldrin	15.13	908	1060436	.257	NG	100
6)	#Endrin	16.60	996	963043	.275	NG	100
8)	#4,4'-DDT	22.65	1359	727803	.286	NG	100
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	191404	.0692	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.47	2128	346133	.0784	NG	100
2)	#Aldrin	6.72	403	596153	.129	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7455::M1

Quant Output File: ^N7455::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: T408069-04MS,S,30,5,1,B20-12 MS,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940825 09:44

Injected at: 940824 21:08

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940825 09:44
Output File: ^N7455::QT Injected at: 940824 21:08
Data File: >N7455::M1 Dilution Factor: 1.00000
Name: 5890N,RTX5,0.53, Instrument ID: N
isc: T408069-04MS,S,30,5,1,B20-12 MS,

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
2) #gamma-BHC (Lindane)	3.43	206	7156985	.111	NG	100
3) #Heptachlor	5.23	314	6642919	.0926	NG	100
5) #Dieldrin	12.42	745	12439818	.182	NG	100
6) #Endrin	13.93	836	11824526	.188	NG	100
8) #4,4'-DDT	18.85	1131	10685834	.169	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	2605263	.0548	NG	100
11) #Decachlorobiphenyl (Surr.)	35.27	2116	3179717	.0653	NG	100
14) #Aldrin	6.47	388	6502757	.0908	NG	100

Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSLER SAMPLE ID

Lab Name: LRI

Contract:

PIN-15MS

Lab Code: LRI

CASE No.: 08103

SAS No.:

SOG No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: T408069-0708

Sample wt/vol: 500 (g/ml) ML

Lab File ID: >M7441

% Moisture: decanted: (Y/N) N

Date Received: 08/04/94

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 08/04/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

SPC Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

CAS NO.

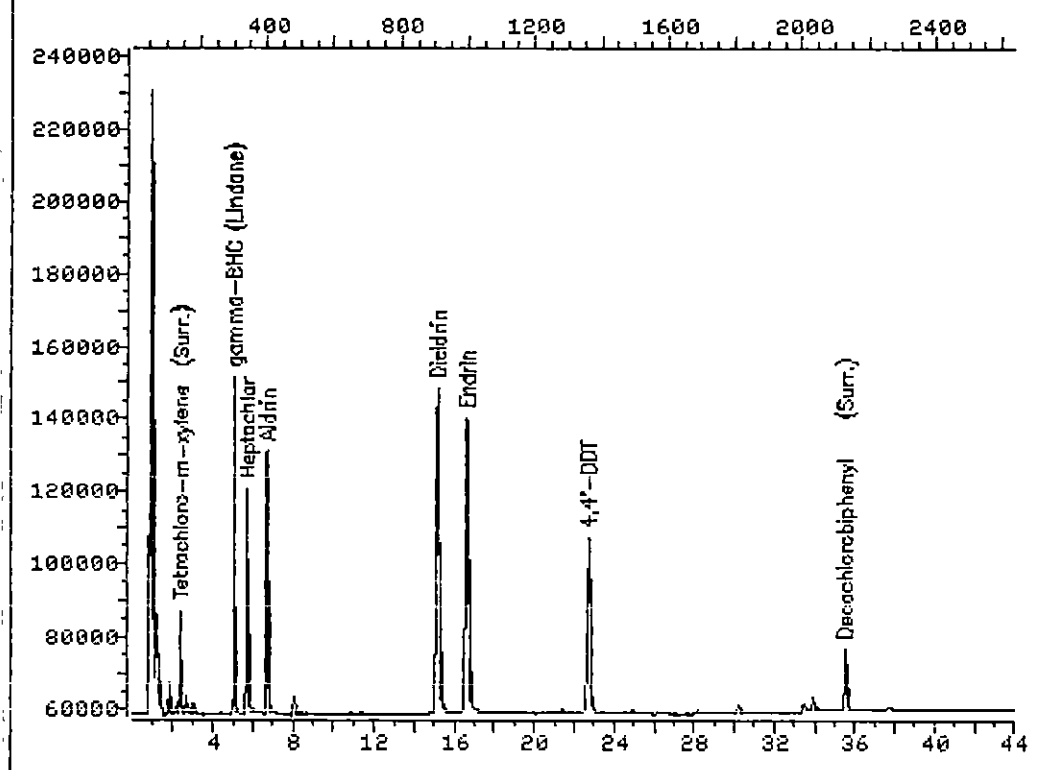
COMPOUND

319-84-6-----	alpha-BHC	.1010
319-85-7-----	beta-BHC	.1010
319-86-8-----	delta-BHC	.1010
58-89-9-----	gamma-BHC (Lindane)	.251P
76-44-8-----	Heptachlor	.861P
309-00-2-----	Aldrin	.821
1024-57-3-----	Heptachlor epoxide	.1010
959-98-8-----	Endosulfan I	.1010
60-52-1-----	Dieldrin	1.81
72-55-9-----	4,4'-DDE	.2010
72-20-8-----	Endrin	1.81P
53213-65-9-----	Endosulfan II	.2010
72-54-8-----	4,4'-DDD	.2010
1031-07-8-----	Endosulfan sulfate	.2010
50-29-3-----	4,4'-DDT	1.81P
72-43-5-----	Methoxychlor	1.010
53494-70-5-----	Endrin ketone	.2010
7421-93-4-----	Endrin aldehyde	.2010
5103-71-9-----	alpha-Chlordane	.1010
5103-74-2-----	gamma-Chlordane	.1010
8001-35-2-----	Toxaphene	.1010
12674-11-2-----	Aroclor 1016	2.010
11104-28-2-----	Aroclor 1221	4.010
11141-16-5-----	Aroclor 1232	2.010
53469-21-9-----	Aroclor 1242	2.010
12672-29-6-----	Aroclor 1248	2.010
11297-69-1-----	Aroclor 1254	2.010
11096-82-5-----	Aroclor 1260	2.010

SADP: 10.00

CHROMATOGRAM

File >M7441 1.0 amu. 5890M,RTX1701,0.53, T408069-07MS,L,500,1



Data File: >M7441::M1

Quant Output File: ^M7441::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: T408069-07MS,L,500,10,1,RIN-15MS,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 12:20

Injected at: 940824 05:21

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^M7441::QT
Data File: >M7441::M1
Name: 5890M,RTX1701,0.53,
Insc: T408069-07MS,L,500,10,1,RIN-15MS,

Quant Rev: 7 Quant Time: 940824 12:20
 Injected at: 940824 05:21
Dilution Factor: 1.00000
Instrument ID: M

AD File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

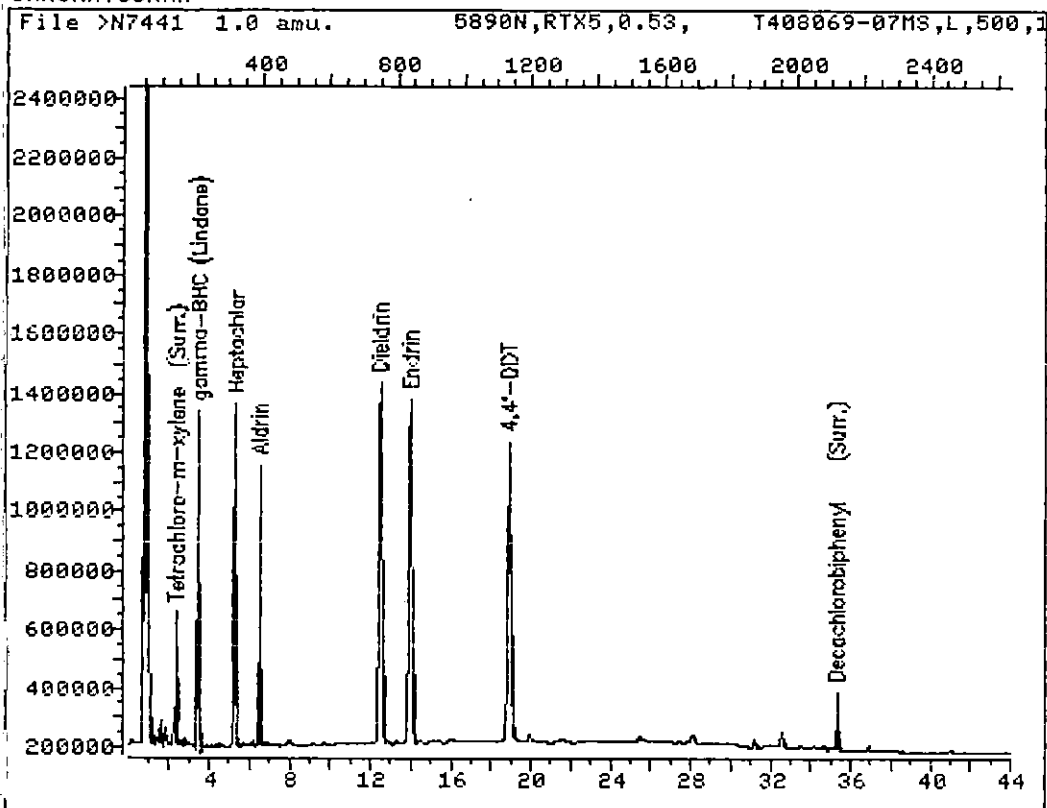
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Compound	R.T.	Scan#	Area	Conc	Units	q
2) #gamma-BHC (Lindane)	4.98	299	446839	.120	NG	100
3) #Heptachlor	5.68	341	332327	.116	NG	100
5) #Dieldrin	15.12	907	894780	.217	NG	100
6) #Endrin	16.60	996	812297	.232	NG	100
8) #4,4'-DDT	22.65	1359	596998	.235	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.37	142	93464	.0338	NG	100
1) #Decachlorobiphenyl (Surr.)	35.48	2129	121727	.0276	NG	100
2) #Aldrin	6.72	403	447064	.0970	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7441::M1

Quant Output File: ^N7441::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: T408069-07MS,L,500,10,1,RIN-15MS,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940824 12:21

Injected at: 940824 05:21

QUANT REPORT

Page 1

Operator ID: MANAGER

Quant Rev: 7

Quant Time: 940824 12:21

Output File: ^N7441::QT

Injected at: 940824 05:21

Data File: >N7441::M1

Dilution Factor: 1.00000

Name: 5890N,RTX5,0.53,

Instrument ID: N

Disc: T408069-07MS,L,500,10,1,RIN-15MS,

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
2) #gamma-BHC (Lindane)	3.43	206	4692567	.0726	NG	100
3) #Heptachlor	5.23	314	6130670	.0855	NG	100
5) #Dieldrin	12.42	745	12090940	.177	NG	100
6) #Endrin	13.93	836	11608178	.185	NG	100
8) #4,4'-DDT	18.85	1131	11221504	.177	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	1434224	.0302	NG	100
11) #Decachlorobiphenyl (Surr.)	35.27	2116	1351409	.0278	NG	100
14) #Aldrin	6.47	388	5859163	.0818	NG	100

Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE ID

Lab Name: LRI

Contract:

1820-12 MSD

Lab Code: LRI

CASE No.: 08103

SAS No.:

SUB No.: 810301

Matrix: (soil/water) SOIL

Lab Sample ID: 1408069-04MSD

Sample wt/vol: 30 (g/ml) G

Lab File ID: >M7456

% Moisture: 4 decanted: (Y/N) N

Date Received: 08/04/94

Extraction: (Seph/Cont/Sonc) SONC

Date Extracted: 08/04/94

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

IPC Cleanup: (Y/N) Y pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/kg) UG/KG U

CAS NO.

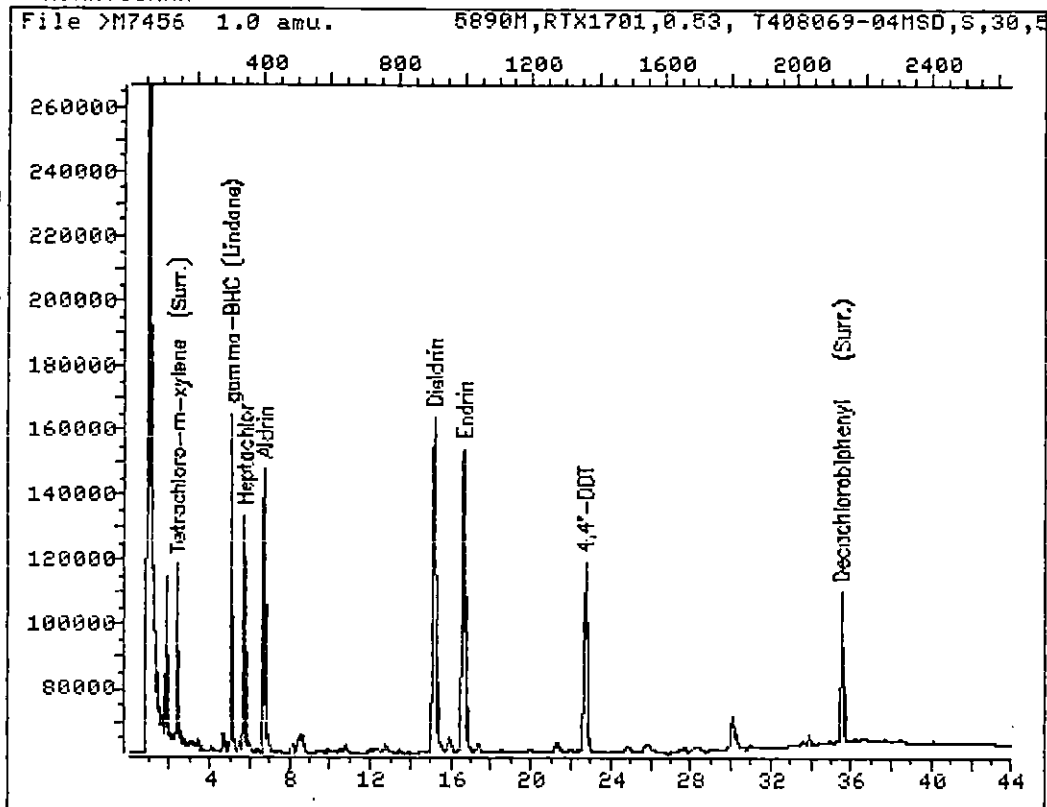
COMPOUND

319-84-6-----	alpha-BHC	1.71U
319-85-7-----	beta-BHC	1.71U
319-86-8-----	delta-BHC	1.71U
58-89-9-----	gamma-BHC (Lindane)	181 ^P
76-44-8-----	Heptachlor	141 ^P
509-00-2-----	Aldrin	151 ^P
1024-51-3-----	Heptachlor epoxide	1.71U
959-98-8-----	Endosulfan I	1.71U
60-57-1-----	Dieldrin	301 ^P
72-55-9-----	4,4'-DDE	3.51U
72-20-5-----	Endrin	311 ^P
35213-65-9-----	Endosulfan II	3.51U
72-54-8-----	4,4'-DDD	3.51U
1031-07-8-----	Endosulfan sulfate	3.51U
50-24-3-----	4,4'-DDT	291 ^P
72-43-5-----	Methoxychlor	171U
55494-70-5-----	Endrin ketone	3.51U
7421-93-4-----	Endrin aldehyde	3.51U
5103-71-9-----	alpha-Chlordane	1.71U
5103-74-2-----	gamma-Chlordane	1.71U
8001-35-2-----	Ioxaphene	1201U
12674-11-2-----	Aroclor 1016	351U
11104-28-2-----	Aroclor 1221	691U
11141-16-5-----	Aroclor 1232	351U
53469-21-9-----	Aroclor 1242	351U
12672-29-6-----	Aroclor 1248	351U
11097-69-1-----	Aroclor 1254	351U
11096-82-5-----	Aroclor 1260	351U

SUM: 173.61

728

CHROMATOGRAM



Data File: >M7456::M1

Quant Output File: ^M7456::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: T408069-04MSD,S,30,5,1,B20-12 MSD,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940825 09:44

Injected at: 940824 21:59

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940825 09:44
Output File: ^M7456::QT Injected at: 940824 21:59
Data File: >M7456::M1 Dilution Factor: 1.00000
Name: 5890M,RTX1701,0.53, Instrument ID: M
Disc: T408069-04MSD,S,30,5,1,B20-12 MSD,

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

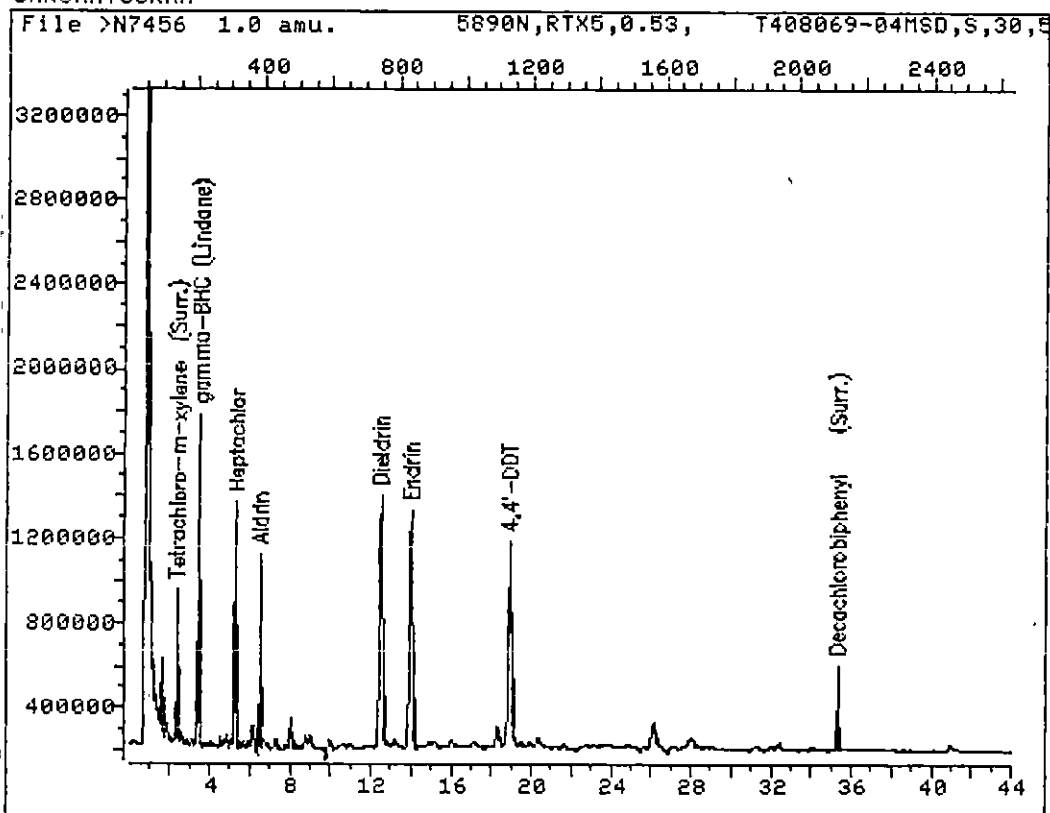
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#gamma-BHC (Lindane)	5.00	300	568882	.153	NG	100
3)	#Heptachlor	5.70	342	400887	.140	NG	100
5)	#Dieldrin	15.13	908	1020140	.248	NG	100
6)	#Endrin	16.62	997	923170	.264	NG	100
8)	#4,4'-DDT	22.65	1359	716179	.282	NG	100
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	182743	.0661	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.47	2128	336914	.0763	NG	100
12)	#Aldrin	6.72	403	579009	.126	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7456::M1

Quant Output File: ^N7456::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: T408069-04MSD,S,30,5,1,B20-12 MSD,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940825 09:45

Injected at: 940824 21:59

QUANT REPORT

Page 1

Operator ID: MANAGER
Output File: ^N7456::QT

Quant Rev: 7 Quant Time: 940825 09:45

Data File: ^N7456::M1

Injected at: 940824 21:59

Time: 5890N,RTX5,0.53,

Dilution Factor: 1.00000

isc: T408069-04MSD,S,30,5,1,B20-12 MSD,

Instrument ID: N

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#gamma-BHC (Lindane)	3.45	207	6879399	.106	NG	100
3)	#Heptachlor	5.23	314	5961886	.0831	NG	100
5)	#Dieldrin	12.43	746	11685194	.171	NG	100
6)	#Endrin	13.93	836	11127950	.177	NG	100
8)	#4,4'-DDT	18.85	1131	10534078	.166	NG	100
10)	#Tetrachloro-m-xylene (Surr.)	2.33	140	2469890	.0520	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.27	2116	2777331	.0570	NG	100
14)	#Aldrin	6.48	389	6061282	.0847	NG	100

Compound uses ESTD

ID
PESTICIDE ORGANIC ANALYSIS DATA SHEET

NYSLER SAMPLE ID

Lab Name: LRI

Contract:

FIN-15MSD

Lab Code: LRI

CASE No.: 08103

SAS No.:

SDS No.: 810301

Matrix: (soil/water) WATER

Lab Sample ID: 1408069-0 MSD

Sample wt/vol: 500 (g/ml) ML

Lab File ID: >M/442

% Moisture: decanted: (Y/N) N

Date Received: 08/04/94

Extraction: (Seph/Cont/Sonc) SEPF

Date Extracted: 08/07/94

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 08/24/94

Injection Volume: 2 (uL)

Dilution Factor: 1

SPL Cleanup: (Y/N) N pH:

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/kg) ug/L

CAS NO.

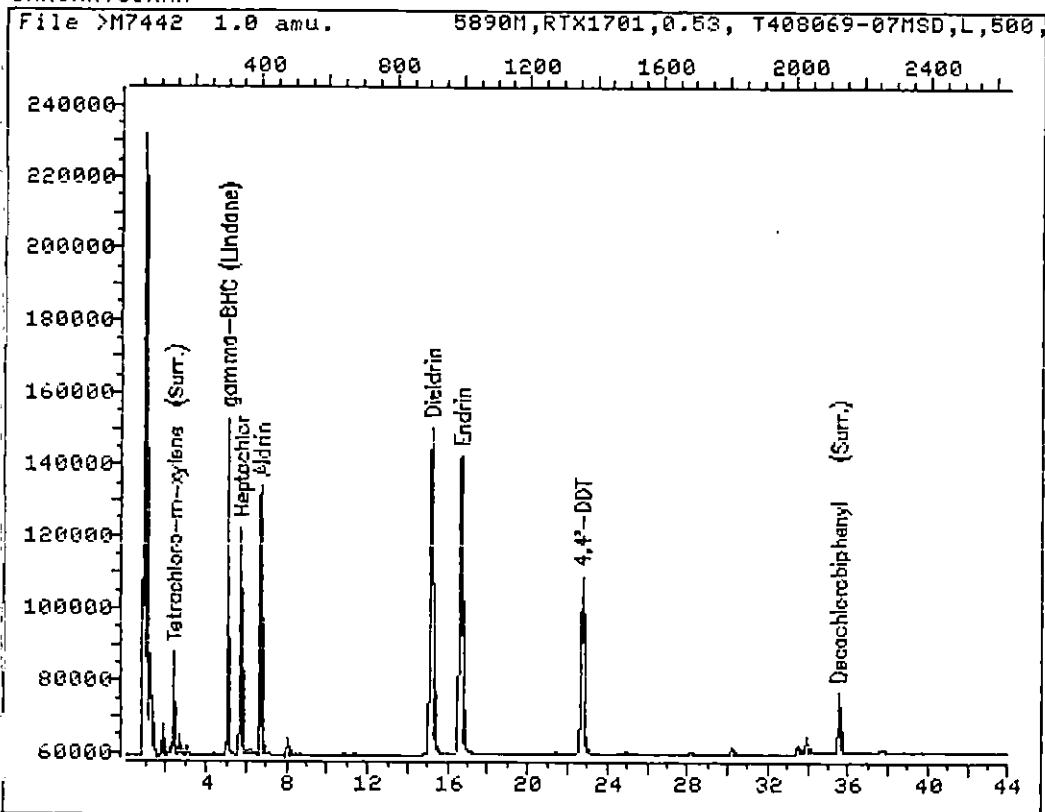
COMPOUND

U

319-84-6-----	alpha-BHC	1010
319-85-7-----	beta-BHC	1010
319-86-8-----	delta-BHC	1010
58-89-9-----	gamma-BHC (Lindane)	1231P
76-44-8-----	Heptachlor	861P
309-00-2-----	Aldrin	831
1024-52-3-----	Heptachlor epoxide	1010
959-98-8-----	Endosulfan I	1010
60-57-1-----	Dieldrin	1.81
72-55-9-----	4,4'-DDE	12010
72-20-8-----	Endrin	1.91P
33213-65-9-----	Endosulfan II	12010
72-54-8-----	4,4'-DDD	12110
1051-07-8-----	Endosulfan sulfate	12010
50-29-3-----	4,4'-DDT	1.81P
72-43-5-----	Methoxychlor	1.010
93494-70-5-----	Endrin ketone	12010
7421-93-4-----	Endrin aldehyde	12010
5103-71-9-----	alpha-Chlordane	1010
5103-74-2-----	gamma-Chlordane	1010
8001-35-2-----	Ioxaphene	1010
12674-11-2-----	Aroclor 1016	2.010
11104-28-2-----	Aroclor 1221	4.010
11141-16-5-----	Aroclor 1232	2.010
53469-21-9-----	Aroclor 1242	2.010
12672-29-6-----	Aroclor 1248	2.010
11097-69-1-----	Aroclor 1254	2.010
11096-82-5-----	Aroclor 1260	2.010

SARF: 10.00

CHROMATOGRAM



Data File: >M7442::M1

Quant Output File: ^M7442::QT

Name: 5890M,RTX1701,0.53,

Instrument ID: M

Misc: T408069-07MSD,L,500,10,1,RIN-15MSD,

Id File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

Operator ID: MANAGER

Quant Time : 940824 12:21

Injected at: 940824 06:12

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940824 12:21
Output File: ^M7442::QT Injected at: 940824 06:12
Data File: >M7442::M1 Dilution Factor: 1.00000
Sample: 5890M,RTX1701,0.53, Instrument ID: M
Disc: T408069-07MSD,L,500,10,1,RIN-15MSD,

File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

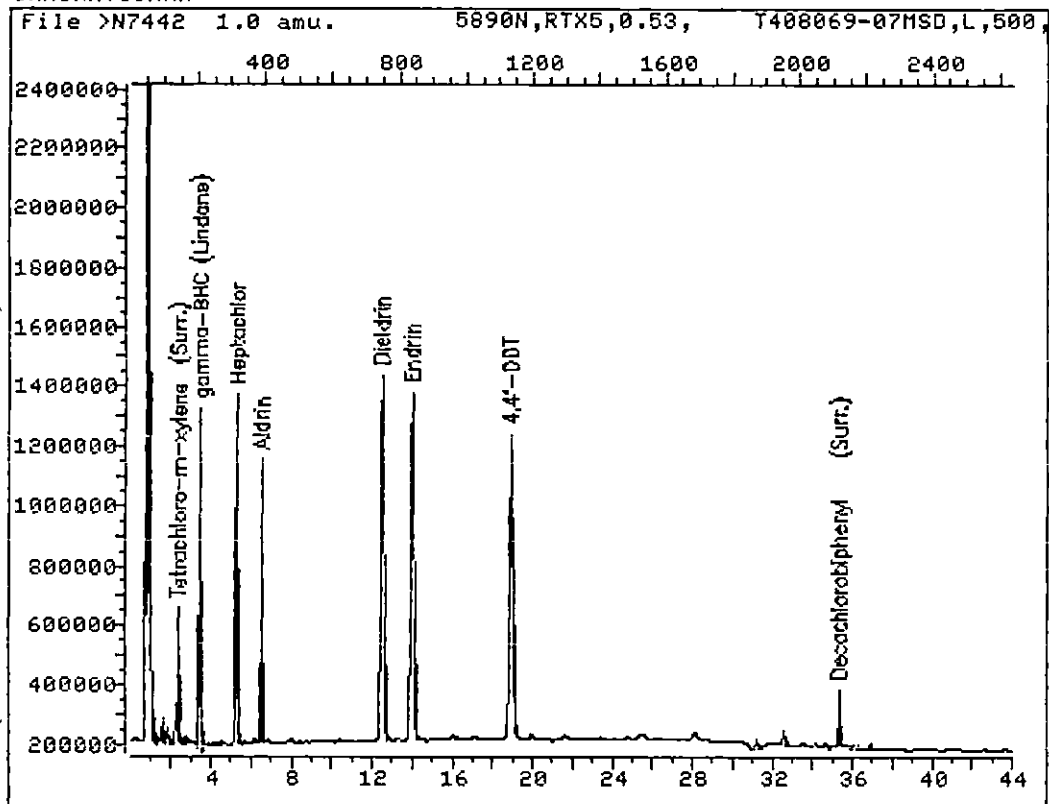
Last Calibration: 930215 09:47

Last Qcal Time: 940823 21:42

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#gamma-BHC (Lindane)	4.98	299	460871	.124	NG	100
3)	#Heptachlor	5.68	341	344063	.121	NG	100
5)	#Dieldrin	15.12	907	895800	.218	NG	100
6)	#Endrin	16.62	997	836257	.239	NG	100
8)	#4,4'-DDT	22.65	1359	618110	.243	NG	100
10)	#Tetrachloro-m-xylene (Surr.)	2.37	142	96352	.0349	NG	100
11)	#Decachlorobiphenyl (Surr.)	35.48	2129	123952	.0281	NG	100
12)	#Aldrin	6.72	403	460687	.0999	NG	100

Compound uses ESTD

CHROMATOGRAM



Data File: >N7442::M1

Quant Output File: ^N7442::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: T408069-07MSD,L,500,10,1,RIN-15MSD,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940824 12:22

Injected at: 940824 06:12

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940824 12:22
Output File: ^N7442::QT Injected at: 940824 06:12
Data File: >N7442::M1 Dilution Factor: 1.00000
Name: 5890N,RTX5,0.53, Instrument ID: N
Disc: T408069-07MSD,L,500,10,1,RIN-15MSD,

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
2) #gamma-BHC (Lindane)	3.43	206	4698647	.0727	NG	100
3) #Heptachlor	5.23	314	6184620	.0862	NG	100
5) #Dieldrin	12.43	746	12152922	.178	NG	100
6) #Endrin	13.93	836	11693278	.186	NG	100
8) #4,4'-DDT	18.87	1132	11293492	.178	NG	100
10) #Tetrachloro-m-xylene (Surr.)	2.33	140	1445246	.0304	NG	100
1) #Decachlorobiphenyl (Surr.)	35.28	2117	1358860	.0279	NG	100
4) #Aldrin	6.47	388	5909917	.0826	NG	100

Compound uses ESTD

CASE NO.

AGFA

ASP BINA SOIL

[illegible]

MATRIX: Solid ☒ Liquid (H2O) ☐ Sludge ☐ Oil ☐ Solvent ☐
Other ☐

TESTS: BN ___ BNA ___ CLP-PCB/Pest & BNA ___ Herb ___
PCB/PEST ___ ASP-PCB/Pest & BNA ☒ Other

METHODS: Low ☒ Medium ☐ Waste Dilution ☐ Other ☐

EXTRACTION: Continuous Sep funnel Soxhlet Sonication ✓
Signature Antonio Guevara Date 8/7/98

CLEANUP: Sulfur GRG Fluorisisl Other
Signature GRG Date 8/10/94

SETUP: Signature William G. Gandy Date 8/7/94

SPIKE	VOL (ml)	CONC (ug/ml)	LOT NO.
Blank Spike	0.5	100/150	94-44
QC			
MS/MSD			
Surrogate	0.5	100/150	94-35

SUPERVISOR

Viriam Norced as

009728

[illegible]

MATRIX: Solid ☐ Liquid (H2O) ☒ Sludge ☐ Oil ☐ Solvent ☐
Other ☐

TESTS: BN ___ BNA ___ CLP-PCB/Pest & BNA ___ Herb ___
PCB/PEST ___ ASP-PCB/Pest & BNA ___ Other ___

METHODS: Low ☒ Medium ☐ Waste Dilution ☐ Other ☐

EXTRACTION: Continuous ☒ Sep funnel ☐ Soxhlet ☐ Sonication ☐
Signature Antonio Gonzalez Date 8/7/98

CLEANUP: Sulfur GPC ✓ Fluorisil Other
Signature M. Morceta Date 8/1/94

SETUP: Signature Antonio Guals Date 8/7/94

SPIKE	VOL (ml)	CONC (ug/ml)	LOT NO.
Blank Spike	0.5	100/150	94-44
QC MS/MSD			
Surrogate	0.5	100/150	94-35

SUPERVISOR

PAGE 1 of

740

PAGE 1 of

011

Date	Sample ID	Dish #	Dish W	D before 105°C	D after 105°C	% S	% M
2/2/09	40P095	7	1501	4.545	4.461		
		12	1486	3.5707	3.479		
1/10/94	BLK	BL	1549	1549	1549		
H.A		71	1539	11.597	11.097	95.58	4.42
P	40P103	1	1550	11.643	11.193	95.54	4.46
JUP		2	1514	11.640	10.828	0	1.0
		3	1526	11.629	10.013		
		4	1543	11.426	10.937		
		5	1495	11.522	10.945		
		6	1310	11.395	11.036		
	40P113	8f	1299	11.299	8.883	75.84	24.16
JUP		1	1336	11.343	8.919	75.77	24.23
						RDE = 0	3.0
		2	1542	11.571	9.523		
		3	1520	11.770	10.501		
		4	1485	11.562	10.381		
		5	1556	11.64	10.653		
		6	1317	11.465	10.435		
	40P112	1	1492	11.518	10.710		
		2	1427	11.745	10.477		
		4	1516	11.561	11.217		
		5	1522	11.531	11.142		
		6	1534	11.557	9.820		
		7	1533	11.431	10.950		
		8	1540	11.572	10.613		
		10	1497	11.769	9.962		
		11	1525	11.561	10.970		
		12	1511	11.673	10.850		
		13	1527	11.554	10.433		
		14	1491	11.546	10.977		

Continued on Page

Read and Understood By

del-f

08/10/94

742

Signed

Date

Signed

Date

DATE (START) July 21, 1994 / END July 23, 1994
 TEST Soil Low Level Initial Calib
 QA/QC TYPE B240 / ASP/CLD
 GC-MS B UL INJ
 TUNE FILE MTB001
 SEQUENCE FILE JCI
 METHOD FILE VOAB
 IDFILE IDB90S IDBS
 CBFILE CBB90S CBBS
 ANALYSTS MEPV
 SUPERVISOR
 BATCH # QB 0122
 CASE #
 TAPE #

STANDARD	CONC PPM	LOT NO	LOT VOL
Mix A	50	VW4087	
Mix B	50	VW4123	
Mix C	50	VW4124	
Purge C	200	VS4113	
I.S. only	50	VW4056	
Surrogate only	50	VW4069	
Surrogate only	250	VS4061	

IDB90S → ID0720 IDBS → IDL22
 COMMENTS
 CBB90S → CB0722 CBBS → CL22
 CL, BL, EX
 ^B = ASP/CLP
 BB = B240

CLIENTS	JOB #

SAMPLE NUMBER	DATA FILE	VOA AMT	DIL FACT	ALS #	INJ TIME	COMMENTS	SUR	IS	TIC
BFB	B5067	10ul	-	15	10:41	RS, 642 Enh -1:1 (-100)			OK
VSTD 010	B5068	5	1	9					
VSTD 020	B5069	5	1	10					
VSTD 050	B5070	5	1	11		NO GOOD DUE TO WRONG CONC. OF I.S. USED MY 7/22/94			
VSTD 100	B5071	5	1	12					
VSTD 150	B5072	5	1	13					
VSTD 200	B5073	5	1	14					
VSTD 150	B5074	5	1	13					
BFB	B5075	10ul	-	15	17:04	RS 643 (ENH-1:1) -100			
VSTD 010	B5076	5	1	1	17:52				
VSTD 010	B5077	5	1	2					
VSTD 020	B5078	5	1	3		No good = No Peak for Chromatogram + Vinyl			
VSTD 020	B5079	5	1	4					
VSTD 050	B5080	5	1	5					
VSTD 050	B5081	5	1	6					
VSTD 100	B5082	5	1	11					
VSTD 100	B5083	5	1	12		> CBUPD, CB CAL (ASP) (B240)			
VSTD 150	B5084	5	1	7					
VSTD 150	B5085	5	1	8					
VSTD 200	B5086	5	1	9	00:30				
VSTD 200	B5087	5	1	10					

STANDARD	CONC PPM	LOT NO	LO VO
50PPM MIXA	50PPM	VW4027	
MIXB	"	VW4129	
Purge C	"	VW4128	
Purge C	200	V54113	
T.S.	25	V54062	
"	50	"	
S.S.	250	V54061	
"	50	V54061	

COMMENTS

CLIENTS.	JOB #

[illegible]

LRI GC-MS ANALYSIS LOG

DATE (START) Aug 1, 1994 END Aug 1, 1994
TEST Soil Low Level
SAC/CC TYPE B240, ASP
JOBS B UL INJ
PHONE FILE MTB001
SEQUENCE FILE MVL, JMI
METHOD FILE VGAB
ID FILE IPBS, IDPBS IDB9AS
CB FILE CBBS CB09AS
ANALYSTS MFPV
SUPERVISOR
BATCH # 260901
CASE #
TYPE # 20C048

STANDARD	CONC PPM	LOT NO	LOT VOL
See p. 29			
QB 0722			
With Heater			

COMMENTS

1. BI, Ex

PD = 5,240

"B" = ASP

CLIENTS.	JOB #

[illegible]

DATE (START) Aug. 8, 1994 END Aug. 8, 1994
TEST Soil Low Level
QA/QC TYPE B240 ASP
GC-MS B UL INJ
TUNE FILE MTBert1
SEQUENCE FILE J01, J02, MV1
METHOD FILE VOAB
ID FILE IPDS, IPDS IPB905
CB FILE CRM5 CRB905
ANALYSTS MEPY
SUPERVISOR _____
BATCH # QB 0808
CASE # _____
TAPE # 040049

STANDARD	CONC PPM	LOT NO	LOT VOL
(See p. 29)			
Q0722			
With Heater			

COMMENTS

B2, C3

$AD = 8241$
 $\wedge P = ASD$

CLIENTS.	JOB #

1 ASP Sample. was to be run but found to be Medium level MY 2/8/94 1:30 P.M.

[illegible]

LRI GC-MS ANALYSIS LOG

DATE (START) Aug-10, 1994 END Aug-10, 1994
TEST GOIT Low Level
QA/QC TYPE Q240 ASP
GC-MS D UL INJ
TUNE FILE MTB001
SEQUENCE FILE MVL, JC1, JC2
METHOD FILE VOAB
IDFILE IDBS, IDPBS IDB9DS
CBFILE CBBS CBP9DS
ANALYSTS MEPY
SUPERVISOR _____
BATCH #3 Q20010
CASE # _____
TAPE # B+C C49

[illegible]

COMMENTS
134, C3
DB Files are for E240
AD Files are for ASD

CLIENTS.	JOB #

[illegible]

LRI GC-MS ANALYSIS LOG

DATE (START) Aug. 10, 1994 END Aug. 10, 1994
TEST Soil Low Level
QA/QC TYPE B240 ASP
GC-MS B UL INJ
TUNE FILE MTB001
SEQUENCE FILE MY1, J01, J02
METHOD FILE VOAB
ID FILE TPBS, TPRS TOP90S
CB FILE QPRS CBP90S
ANALYSTS MEPX
SUPERVISOR _____
BATCH # QB0811
CASE # _____
TAPE # B4C049

[illegible]

COMMENTS
D4, C3
BA is for 0240 Files
AB is for ASP Files

CLIENTS.	JOB #

[illegible]

DATE (START) 8/9/94 END _____
 TEST VOA Water
 QA/QC TYPE ASP 18240
 GC-MS C UL INJ 5
 TUNE FILE MTC001
 SEQUENCE FILE _____
 METHOD FILE VOAC
 IDFILE IDCL (8240) IDC90L (ASP)
 CBFILE CB/L CBC90L
 ANALYSTS Ann Wren
 SUPERVISOR _____
 BATCH # Qc804
 CASE # _____
 TAPE # _____

STANDARD	CONC PPM	LOT NO	LO UD

See 7/28/94

COMMENTS

CLIENTS	JOB #

SAMPLE NUMBER	DATA FILE	VOA AMT	DIL FACT	ALS #	INJ TIME	COMMENTS	SUR	IS	T
SDNG BFB	>C5431				10:22	#278 ENH-1:1 (-100)			
1/STD050	>C5432	1CC5432		2		OK R CAL			
VLK	33	1CC5433		3	8240	ASP/2 OK			
Med. lev. BLK	34	1CC5434		4		ASP/3 OK	✓	✓	
T408084-08	35			5		8240/2 OK	✓	✓	
BLK 4PK (Med. lev.)	36	0.04	125	6		ASP/4 OK	✓	✓	
T408069-4A	>C5437	0.04	125	7		" OK Med. lev. ASP	✓	✓	
MS-4A	38	"	125	8		" OK MS & MSD	✓	✓	
MSD-4A	39	"	125	9		" OK	✓	✓	
T408017-11	40	0.02	250	10		8240/3 OK	✓	✓	
T407390-14	41	0.5	10	11		TCLP/2 OK	✓	✓	
-15	42	"	"	12		" OK S.S. Confirmed by >C5442	2 ✓	✓	
-20	43	"	"	13		" OK	✓	✓	
T408046-05	44	"	"	14		" OK	✓	✓	
T408049-01	45	"	"	15		" OK	✓	✓	
-02	46	"	"	16		" OK	✓	✓	
T407390-15 (RE)	47	"	"	5		" OK reported with >C5442	2 ✓	✓	
T408049-04	48	"	"	6	21:06	" RR	2 ✓	✓	
T408017-13A	49	5	"	7	21:44	8240/2 RR	2 ✓	✓	
T408103-7A	50	"	"	8	22:22	ASP/2 OK RR S.S. Confirmed by >C5483	2 ✓	✓	
	51			1					
	52			2					
	53			3					

[illegible]

COMMENTS

CLIENTS.	JOB #

SAMPLE NUMBER	DATA FILE	UOA AMT	DIL FACT	ALS #	INJ TIME	COMMENTS	SUR	IS	TITR
JONG BFB	>C5472				09:30	#272 ENH-1:1 (-100)			
VSTDQ5D	>C5473					NK QCAL (for 8260)			
VSTDQ5D	>C5474 / CC5474					NK QCAL (for Asp/8240)			
VBLK	>C5479				8:00	OK for 8260			
VBLK	>C5480 / CC5480				8:00	OK for Asp/8240			
T408090-1A	81	5	1	5	8:00	OK	✓	✓	
-4A	82	"	"	6	"	OK ss. confirmed by >C5468	2↑	✓	
T408103-07 (RE)	83	"	"	7	Asp	OK reported from >C5450	2↓	✓	
T408017-13A	84	"	"	8	8:00	OK	✓	✓	
T408049-03	85	0.5	10	9	TOP	OK	✓	✓	
T408049-04	86	0.5	10	10	"	sog stop due to scan box error			
T408105-01	87	0.1	50	11	"	RR 20X			
T408125-01	88	5	1	12	8:00				
-02	89	"	"	13	"				
T408127-8A	90	"	"	14	"				
T408112-3A	91	0.05	100	15	"				
-9A	92	0.025	200	16	"				

[illegible]

CLIENTS .	JOB #

751

[illegible]

COMMENTS NYASP

CLIENTS	JOB #

752

[illegible]

CLIENTS.	JOB #

753 44

[illegible]

CLIENTS.	JOB #

75A

LRI GC ANALYSIS LOG

DATE (START) 8/15/94 END
TEST CLP
QA/QC TYPE CLP
GC m/n UL INJ 2.0
SEQUENCE FILE MRVN MRVN
METHOD FILE MCLP /MCLP
ID FILE IDM390 /IDN390
CB FILE CBM390 /CBN390
ANALYSTS
SUPERVISOR
BATCH #s
CASE #
TAPE #
CARTRIDGE UC

[illegible]

m/n

SAMPLE NUMBER	QUANT	QDEL	DATA FILE	ALS #	DIL. FACTOR	COMMENTS
PTBLK01	/	/	7420	1		
RESC01	/	/	7421	2		
PEM01	/	/	7422	3		
AR166001	/	/	7423	4		
AR122101	✓	/	7424	5		
AR123201	✓	/	7425	6		
AR124201	/	/	7426	7		
AR124901	/	/	7427	8		
AR125401	/	/	7428	9		
TOXAPH01	/	/	7429	10		
JNDAL01	✓	✓	7430	11		
IND0201	✓	/	7431	12		
INDAM01	/	/	7432	13		
INDOM01	✓	/	7433	14		
INDAHO1	✓	/	7434	15		
INDO1401	✓	/	7435	16		
PIBLK02	/	/	7436	17		
PEM02	/	/	7437	18		
7386-BLK	/	/	7438	19		PBLK01
↓ BLK DPK	/	/	7439	20		PBLANK1M20
T408069-07	/	/	7440	21		RSN-15
↓ 07ms	/	/	7441	22		
↓ 07ms	/	/	7442	23		
22222 + 8/23/81	/	/	7443	24		FB-5
7386-BLK 2	/	/	7444	25		

LRI GC ANALYSIS LOG

DATE (START) 8/15/94 END 8/15/94
TEST CLP
QA/QC TYPE CLP
GC M/N UL INJ 2.0
SEQUENCE FILE MRM / MRM
METHOD FILE MCLP / NCLP
ID FILE IDM390 / IDN390
CB FILE CBM390 / CBN390
ANALYSTS RLJ
SUPERVISOR RLJ
BATCH #s _____
CASE # _____
TAPE # _____
CARTRIDGE 6C

[illegible]

SAMPLE NUMBER	QUANT	QDEL	DATA FILE	ALS #	DIL. FACTOR	COMMENTS
8/21 2212 7408103-07	/	/	7445	26		FLD BLK-7/1/98
GPC BLK 8/7/94	/	/	7446	27		
SPK	/	/	7447	28		
PICB	/	/	7448	29		
PIBLK03	/	/	7449	30		
JNDAM02	/	/	7450	31		
JND03MO2	/	/	7451	32		
7385-BLK	/	/	7452	33		
↓ BLKSPK	/	/	7453	34		
7408069-04	/	/	7454	35		B20-12
↓ OYMS	/	/	7455	36		
↓ OYMSD	/	/	7456	37		
M/F 1/19/91 7408069-08	/	/	7457	38		FB-5
270Lk04	/	/	7458	39		
DEM03	/	/	7459	40		
JNDAM			7460	41	M 8/23/94	
JNDBM			7461	42		
GPC BLK			7462	43		
SPK			7463	44		
7408103-07	/	/	7460	41		FLD BLK
7385-BLK-2	/	/	7461	42		PBLK04
8103-01	/	/	7462	43		SD-1
↓ -02	/	/	7463	44		SD-2
↓ -03	/	/	7464	45		SD-3
↓ -04	/	/	7465	46		SD-4

LRI GC ANALYSIS LOG

DATE (START) 8/23/91 END _____
TEST ASP
QA/QC TYPE _____
GC M/N UL INJ 2.0
SEQUENCE FILE MRVN /NRVN
METHOD FILE MCLP /NCLP
ID FILE JAM390 /EDN390
CB FILE CBM390 /CBN390
ANALYSTS Paul J
SUPERVISOR Paul J
BATCH #s _____
CASE # _____
TAPE # _____
CARTRIDGE 6C

[illegible][illegible]

INTERNAL CHAIN OF CUSTODY

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample Laboratory: Laboratory Resources Location: Teterboro
 Name: Krishna Daggumati Title: Spl. Mgmt. Supervisor

Field Sample Seal No. Date Broken 8/9/96 Military Time Seal Broken 9:30

Case No. Analytical Parameter/Fraction

SAMPLE NO.	ALQUOT/EXTRACT NO.	SAMPLE NO.	ALQUOT/EXTRACT NO.
<u>TH08103-01</u>			
<u>-02</u>			
<u>-03</u>			
<u>-04</u>			
<u>-05</u>			
<u>-06</u>			
<u>-07</u>			

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
<u>8/9</u>	<u>13:30</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. Modi</u>	PRINTED NAME <u>E. SMITH</u> SIGNATURE <u>E. Smith</u>	<u>01-06 GC/MS VOA</u> <u>07 → depleted</u>
<u>8/9</u>	<u>14:30</u>	PRINTED NAME <u>E. SMITH</u> SIGNATURE <u>E. Smith</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. Modi</u>	<u>1-6 ret.</u>
<u>8/10</u>	<u>2:30</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. Modi</u>	PRINTED NAME <u>ALLG Hasetsona</u> SIGNATURE <u>ALLG Hasetsona</u>	<u>1-6 moisture</u>
<u>8/10</u>	<u>10</u>	PRINTED NAME <u>ALLG Hasetsona</u> SIGNATURE <u>ALLG Hasetsona</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. Modi</u>	<u>ret</u>
<u>8/11</u>	<u>9:00</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. Modi</u>	PRINTED NAME <u>Vikas parikh</u> SIGNATURE <u>Vikas parikh</u>	<u>01, 02, 03, 04, 05, 06.</u> <u>BNA Sil</u>
<u>8/11</u>	<u>12:10</u>	PRINTED NAME <u>Vikas parikh</u> SIGNATURE <u>Vikas parikh</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. Modi</u>	<u>Returned</u>
<u>8/11</u>	<u>9:00</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. Modi</u>	PRINTED NAME <u>Vikas parikh</u> SIGNATURE <u>Vikas parikh</u>	<u>07 BNA Sil</u> <u>done by Tony</u>
<u>8/11</u>	<u>9:00</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. Modi</u>	PRINTED NAME <u>Vikas parikh</u> SIGNATURE <u>Vikas parikh</u>	<u>07 Post/Pre</u> <u>depleted</u>
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	<u>758</u>

INTERNAL CHAIN OF CUSTODY

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample Laboratory: Laboratory Resources Location: Teterboro
 Name: Krishna Daggumati Title: Spl. Mgmt. Supervisor

Field Sample Seal No. _____ Date Broken / / Military Time Seal Broken
 Case No. _____ Analytical Parameter/Fraction _____

SAMPLE NO.	ALQUOT/EXTRACT NO.	SAMPLE NO.	ALQUOT/EXTRACT NO.
<u>TN08103-01</u>			
<u>-02</u>			
<u>-03</u>			
<u>-04</u>			
<u>-05</u>			
<u>-06</u>			
<u>-07</u>			

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
<u>8/12</u>	<u>9:30</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. MODI</u>	PRINTED NAME <u>Vikas Parikh</u> SIGNATURE <u>Vikas Parikh</u>	<u>03 BVA soil extraction of Not used</u>
<u>8/12</u>	<u>12:30</u>	PRINTED NAME <u>Vikas Parikh</u> SIGNATURE <u>Vikas Parikh</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. MODI</u>	<u>Ret v.p.</u>
<u>8/12</u>	<u>9:30</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. MODI</u>	PRINTED NAME <u>Vikas Parikh</u> SIGNATURE <u>Vikas Parikh</u>	<u>01 extraction Pest/PCB</u>
<u>8/12</u>	<u>10 AM</u>	PRINTED NAME <u>Vikas Parikh</u> SIGNATURE <u>Vikas Parikh</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. MODI</u>	<u>Ret</u>
<u>8/15</u>	<u>11:45</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. MODI</u>	PRINTED NAME <u>Eric Evans</u> SIGNATURE <u>Eric Evans</u>	<u>metals per 01-707</u>
<u>8/15</u>	<u>14 PM</u>	PRINTED NAME <u>Eric Evans</u> SIGNATURE <u>Eric Evans</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. MODI</u>	<u>Ret</u>
<u>8-15</u>	<u>14 PM</u>	PRINTED NAME <u>U. K. Parikh</u> SIGNATURE <u>U. K. Parikh</u>	PRINTED NAME <u>R. TURLA</u> SIGNATURE <u>R. TURLA</u>	<u>1, 2, 3, 4, 5, 6 pH</u>
<u>8/15</u>	<u>12:30</u>	PRINTED NAME <u>R. TURLA</u> SIGNATURE <u>R. TURLA</u>	PRINTED NAME <u>B. MODI</u> SIGNATURE <u>B. MODI</u>	<u>Ret</u>
		PRINTED NAME _____ SIGNATURE _____	PRINTED NAME _____ SIGNATURE _____	<u>759</u>

INTERNAL CHAIN OF CUSTODY

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample Laboratory: Laboratory Resources Location: Teterboro
 Name: Krisna Daggumati Title: Spl. Mgmt. Supervisor

Field Sample Seal No. Date Broken / / Military Time Seal Broken
 Case No. Analytical Parameter/Fraction

SAMPLE NO.	ALQUOT/EXTRACT NO.	SAMPLE NO.	ALQUOT/EXTRACT NO.
<u>T408103-01</u>			
<u>-02</u>			
<u>-03</u>			
<u>-04</u>			
<u>-05</u>			
<u>-06</u>			
<u>-07</u>			

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
<u>8/18</u>	<u>1 PM</u>	PRINTED NAME <u>B. HODI</u> SIGNATURE <u>[Signature]</u>	PRINTED NAME <u>[Signature]</u> SIGNATURE <u>[Signature]</u>	<u>1-6 SOIC</u> <u>#7 FB</u>
<u>8/18</u>	<u>5 PM</u>	PRINTED NAME <u>[Signature]</u> SIGNATURE <u>[Signature]</u>	PRINTED NAME <u>B. HODI</u> SIGNATURE <u>[Signature]</u>	<u>RET</u>
<u>8/19</u>	<u>10:00 AM</u>	PRINTED NAME <u>B. HODI</u> SIGNATURE <u>[Signature]</u>	PRINTED NAME <u>JOHN CALINDAS</u> SIGNATURE <u>[Signature]</u>	<u>#7 PHC-WX</u>
<u>8/19</u>	<u>5 PM</u>	PRINTED NAME <u>JOHN CALINDAS</u> SIGNATURE <u>[Signature]</u>	PRINTED NAME <u>B. HODI</u> SIGNATURE <u>[Signature]</u>	
<u>8/19</u>	<u>1 PM</u>	PRINTED NAME <u>B. HODI</u> SIGNATURE <u>[Signature]</u>	PRINTED NAME <u>O. SECEANU</u> SIGNATURE <u>[Signature]</u>	<u>CYANIDE</u>
<u>8/19</u>	<u>5 PM</u>	PRINTED NAME <u>O. SECEANU</u> SIGNATURE <u>[Signature]</u>	PRINTED NAME <u>B. HODI</u> SIGNATURE <u>[Signature]</u>	<u>RET</u>
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	

INTERNAL CHAIN OF CUSTODY

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample Laboratory: Laboratory Resources Location: Teterboro
Name: Krisnna Daggumati Title: Spl. Mgmt. Supervisor

Field Sample Seal No. Date Broken / / Military Time Seal Broken
Case No. Analytical Parameter/Fraction

SAMPLE NO.	ALQUOT/EXTRACT NO.	SAMPLE NO.	ALQUOT/EXTRACT NO.
T408103-01			
02			
03			
04			
05			
06			
07			

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
8/24	9:30 am	PRINTED NAME <u>B MODI</u> SIGNATURE <u>B MODI</u>	PRINTED NAME <u>JOHN CALINDAS</u> SIGNATURE <u>John Calindas</u>	1-6 PHC-SX
8/24		PRINTED NAME <u>JOHN CALINDAS</u> SIGNATURE <u>John Calindas</u>	PRINTED NAME <u>B MODI</u> SIGNATURE <u>B MODI</u>	Ref
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	

INTERNAL CHAIN OF CUSTODY

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.Laboratory Person Breaking Field
Seal on Sample Shuntle & Accepting
Responsibility for SampleLaboratory: Laboratory Resources Location: Teterboro
Name: MIRIAM MERLEDES Title: EXTRACT, Supervisor

Field Sample Seal No.

Date Broken / /

Military Time Seal Broken

Case No.

Analytical Parameter/Fraction

SAMPLE NO.	ALQUOT/EXTRACT NO.	SAMPLE NO.	ALQUOT/EXTRACT NO.
T408 103 - 01	ASP BNA Soil		
- 02			
- 03			
- 04			
- 05			
- 06			

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUST.
8/11		PRINTED NAME <u>B. HODI</u>	PRINTED NAME <u>Antonio Gonzalez</u>	Extractiong asp/BNA soil
		SIGNATURE <u>B. HODI</u>	SIGNATURE <u>Antonio Gonzalez</u>	
8/17		PRINTED NAME <u>Antonio Gonzalez</u>	PRINTED NAME <u>SOMERAI TLAPOL</u>	Delivered to GC/mis
		SIGNATURE <u>Antonio Gonzalez</u>	SIGNATURE <u>S. Talapol</u>	
8/19		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	

INTERNAL CHAIN OF CUSTODY

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample	Laboratory: <u>Laboratory Resources</u> Location: <u>Teterboro</u> Name: <u>MIRIAM MERCEDES</u> Title: <u>EXTRACT</u> , Supervisor	
Field Sample Seal No.	Date Broken <u> / / </u>	Military Time Seal Broken
Case No. <u>T408103</u>	Analytical Parameter/Fraction	

SAMPLE NO.	ALQUOT/EXTRACT NO.	SAMPLE NO.	ALQUOT/EXTRACT NO.
<u>T408103-07</u>	<u>CLP/ASP GNA Liquid</u>		

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
8/1/94		PRINTED NAME Dawn Conover SIGNATURE Dawn Conover	PRINTED NAME Antonio Gonzalez SIGNATURE Antonio Gonzalez	Extraction from CLP Asphina Liquid-L
8/15/94	9:00 AM	PRINTED NAME Antonio Gonzalez 2. SIGNATURE Antonio Gonzalez	PRINTED NAME SOMERHA1 TULAPOR SIGNATURE S. Tulapor	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Laboratory Resources Location: Teterboro
Name: MIRIAM MERLEDES Title: EXTRACT, Supervisor

Field Sample Seal No.

Date Broken / /

Military Time Seal Broken

Case No.

Analytical Parameter/Fraction

SAMPLE NO.	ALIQUT/EXTRACT NO.	SAMPLE NO.	ALIQUT/EXTRACT NO.
T408103--C1	Asp/Pest/PCB SOIL		
-02			
-03			
-04			
-05			
-06	✓		

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUST.
8/11		PRINTED NAME B. MODI	PRINTED NAME Vickas Parikh	Extension of Asp Pest/PCB Seals
		SIGNATURE B. MODI	SIGNATURE Vickas Parikh	
8/24	2:00	PRINTED NAME Vickas Parikh.	PRINTED NAME Rich Lish	Delivered to GE/me
		SIGNATURE Vickas Parikh	SIGNATURE Rich Lish	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	764
		SIGNATURE	SIGNATURE	
		PRINTED NAME	PRINTED NAME	
		SIGNATURE	SIGNATURE	

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

[illegible]

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
8/11	12:30	PRINTED NAME Dawn Conover SIGNATURE <i>Dawn Conover</i>	PRINTED NAME Vikas Parikh SIGNATURE <i>Vikas Parikh</i>	Extraction of ASP/KL Pcs + / Pch 11Q.
8/12	9:15	PRINTED NAME Vikas Parikh SIGNATURE <i>Vikas Parikh</i>	PRINTED NAME Brynn Lisa SIGNATURE <i>Brynn Lisa</i>	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	

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SAMPLE LOG-IN SHEET				
LAB Name: LABORATORY RESOURCES INC		Page ____ of ____		
Received by (Print Name): KRISHNA B DAGGUMATI		Log-In Date: _____		
Received by (Signature): _____				
Case Number: _____ SOG Number: _____ SAS Number: _____	CORRESPONDING			
	MYSOEC SAMPLE	SAMPLE TAG	ASSIGNED LAB	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
REMARKS: 1. Custody Seal(s) Present/Absent: Intact/Broken _____ 2. Custody Seal _____ Numbers: _____ 3. Chain-of-Custody Present/Absent: Records _____ 4. Contract Lab Present/Absent: Sample Inform. _____ Sheet (CLIS) _____ 5. Airtight Airtight/Sealed Present/Absent: _____ 6. Airtight No.: _____ 7. Sample Tags Present/Absent: Sample Tag Not. Linked/Not Linked on Chain-of-Custody _____ 8. Sample Condition Intact/Broken? Leaking _____ 9. Dose Information on custody rec. _____ CLIS, & sample tags agree Yes/No: _____ 10. Date received at Lab: 8/9/94 11. Time Received: _____	SD-1		T408103-01	Good
	SD-2		-02	
	SD-3		-03	
	SD-4		-04	
	SD-5		-05	
	SD-6		-06	
	FLD BLK 8/9/94		-07	
Sample Transfer				
Fraction: _____ Area #: _____ By: _____ On: _____				

* Contact BTSA and attach record of resolution

Reviewed By: _____

Date: _____

Logbook No.: _____

Logbook Page No.: _____

FORM DC-1

766

CLIENT: EIKON PLANNING & DESIGN CORP.

Updated on 8-10-94 at 11:00 pm

Project: PLAINVIEW

Date received : 08-09-94

Job # T408103

WATCH HOLDING TIMES (for VOA is 7 days from VTSR)

ORGANICS AND INORGANICS FOR NYASP DATA PACKAGE WITH DISKETTE

LAB ID #	Matrix	CLIENT ID #	SAMPLE ID to be used on forms
T408103-01	soil	SD-1	SD-1
T408103-02	soil	SD-2	SD-2
T408103-03	soil	SD-3	SD-3
T408103-04	soil	SD-4	SD-4
T408103-05	soil	SD-5	SD-5
T408103-06	soil	SD-6	SD-6
T408103-07	water	FLD BLK, 8/5/94	FLD BLK

CASE #: 08103 SDG #: 810301

PLEASE NOTE THAT, IT IS REQUIRED AS CLP NYASP DATA PACKAGE WITH BFB, DFTPP and OTHER CRITERIA DIFFERENT TO EPA CLP.

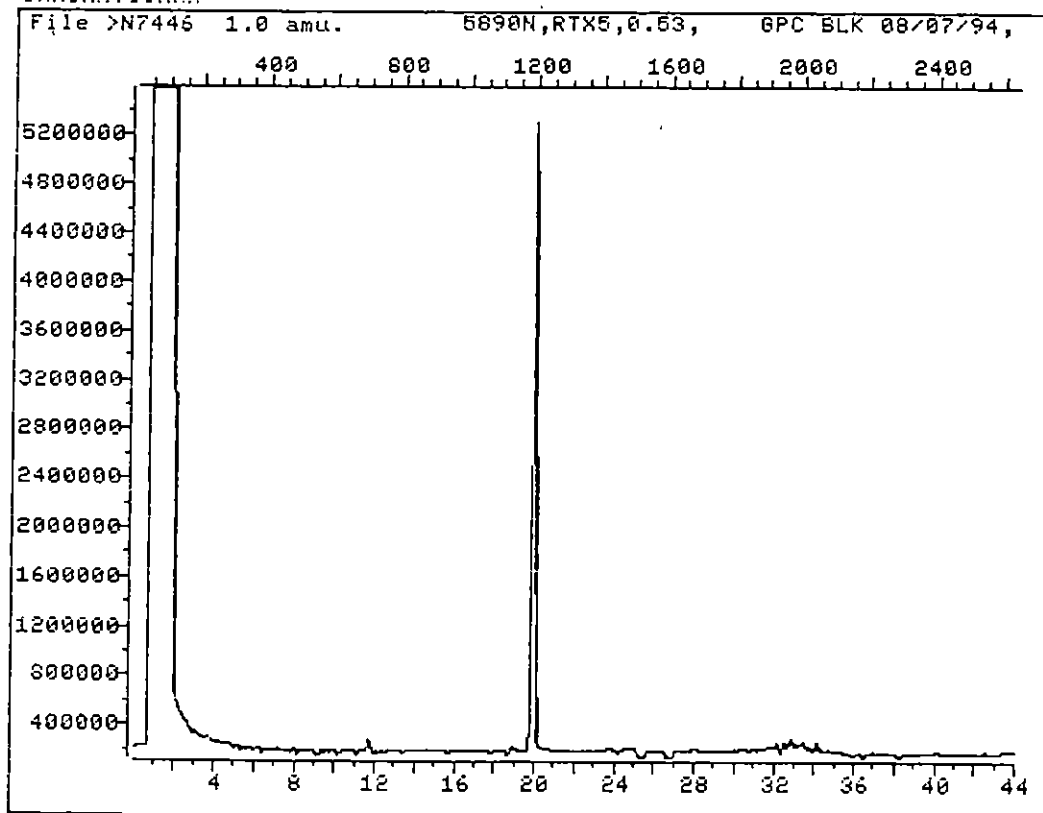
BLANK SPIKE FOR ORGANICS MUST BE ANALYZED FOR NYASP CLP.

PLEASE SUBMIT ALL RAW DATA AND ALSO ALL OTHER LAB PAPER WORK SUCH AS RUN LOG, INTERNAL C-O-C, EXTRACTION LOG, ETC.....

MS/MSD FOR ORGANICS AND MS/DUP FOR INORGANICS IN EVERY 20 SAMPLES OR WITHIN 7 DAYS FOR EACH SDG IS REQUIRED PER EACH MATRIX.

ALL SAMPLES FOR TCL-ORGANICS AND TAL-METALS WITH CYANIDE.

CHROMATOGRAM



Data File: >N7446::M1

Quant Output File: ^N7446::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: GPC BLK 08/07/94, , , , GPC BLK 08/07/94,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940824 12:25

Injected at: 940824 10:29

QUANT REPORT

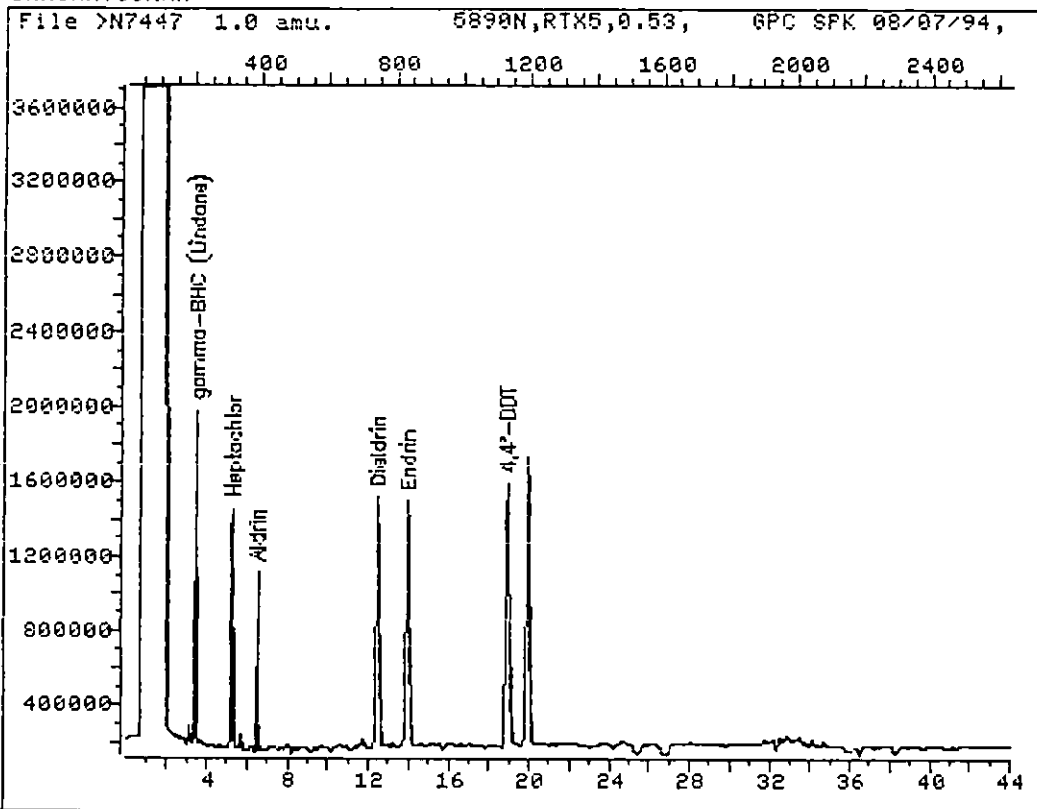
Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940824 12:25
Output File: ^N7446::QT Injected at: 940824 10:29
Data File: >N7446::M1 Dilution Factor: 1.00000
Name: 5890N,RTX5,0.53, Instrument ID: N
Misc: GPC BLK 08/07/94, , , , GPC BLK 08/07/94,

D File: IDN390::SC
Title: PEST/PCB CLP IDFILE Rtx5 2uL INJECTION
Last Calibration: 930218 08:12 Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
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CHROMATOGRAM



Data File: >N7447::M1

Quant Output File: ^N7447::QT

Name: 5890N,RTX5,0.53,

Instrument ID: N

Misc: GPC SPK 08/07/94, , , , GPC SPK 08/07/94,

Id File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Operator ID: MANAGER

Quant Time : 940824 12:26

Injected at: 940824 11:20

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940824 12:26
Output File: ^N7447::QT Injected at: 940824 11:20
Data File: >N7447::M1 Dilution Factor: 1.00000
Name: 5890N,RTX5,0.53, Instrument ID: N
isc: GPC SPK 08/07/94, , , , GPC SPK 08/07/94,

ID File: IDN390::SC

Title: PEST/PCB CLP IDFILE Rtx5

2uL INJECTION

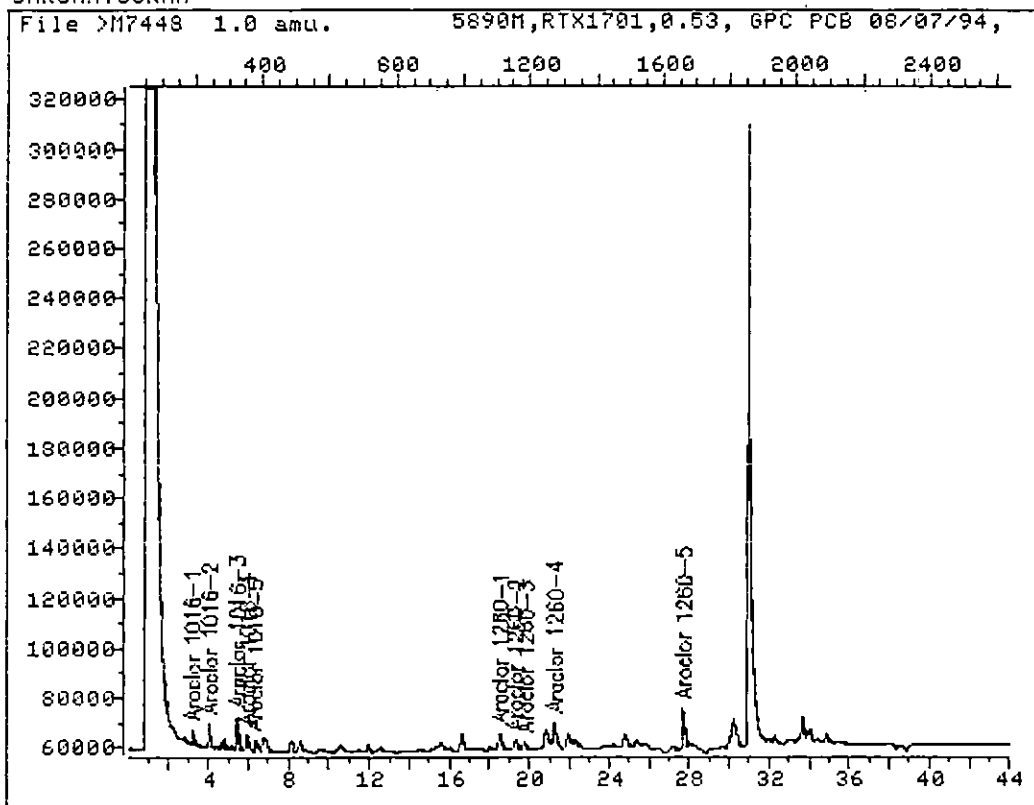
Last Calibration: 930218 08:12

Last Qcal Time: 940823 22:33

Compound	R.T.	Scan#	Area	Conc	Units	q
2) #gamma-BHC (Lindane)	3.43	206	6506444	.101	NG	100
3) #Heptachlor	5.22	313	6456020	.0900	NG	100
5) #Dieldrin	12.38	743	12815168	.187	NG	100
6) #Endrin	13.88	833	13313496	.212	NG	100
8) #4,4'-DDT	18.83	1130	13041590	.206	NG	100
14) #Aldrin	6.45	387	5895336	.0823	NG	100

Compound uses ESTD

CHROMATOGRAM



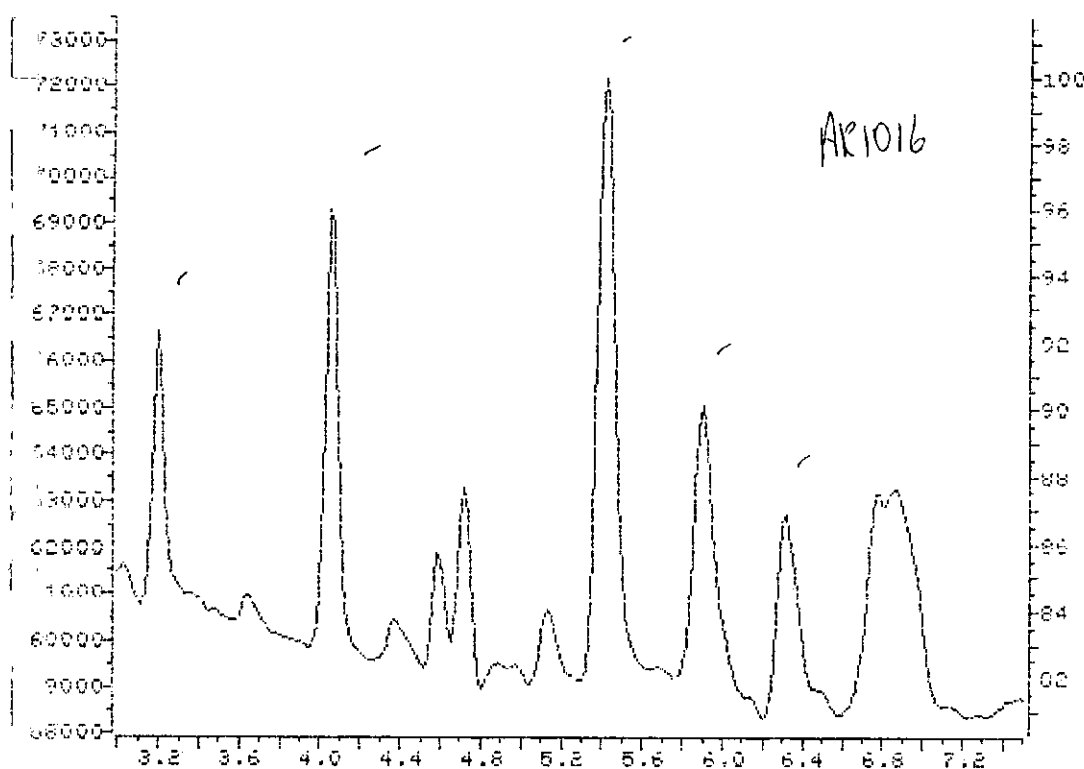
Data File: >M7448::M1
Name: 5890M,RTX1701,0.53,
Misc: GPC PCB 08/07/94, , , , GPC PCB 08/07/94,

Quant Output File: ^M7448::QT
Instrument ID: M

Id File: IDM390::SC
Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION
Last Calibration: 930215 09:47 Last Qcal Time: 940823 21:42

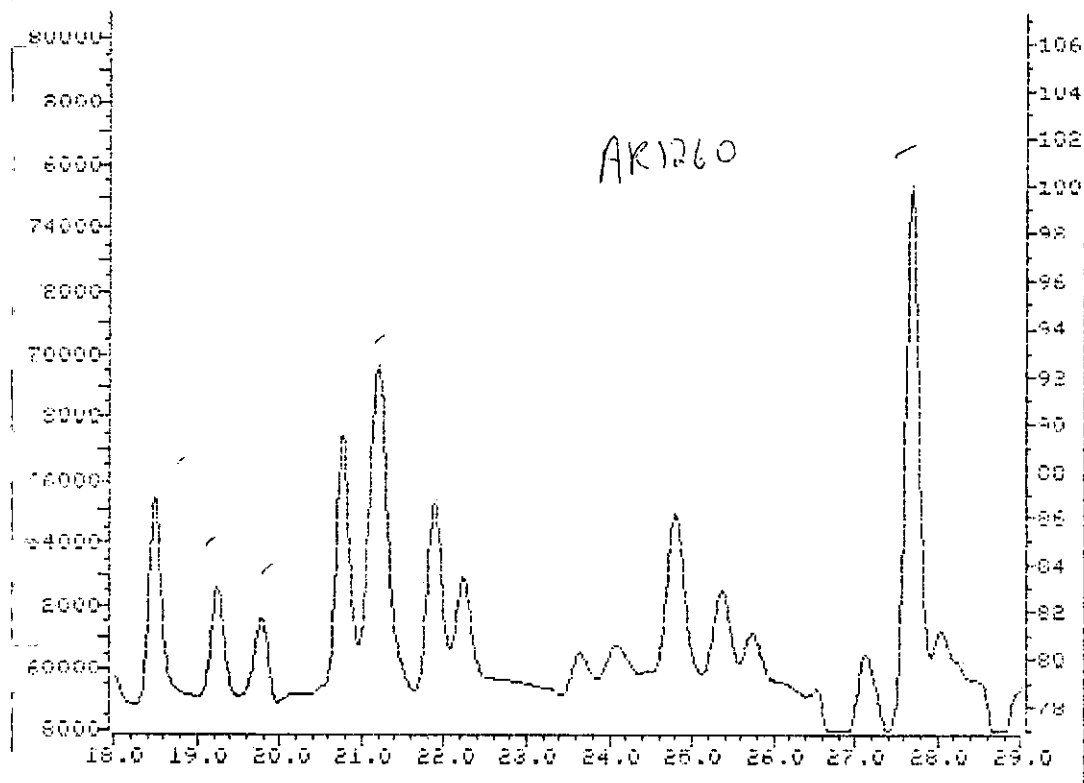
Operator ID: MANAGER
Quant Time : 940824 13:25
Injected at: 940824 12:11

File >M7448 1.0 au. 5890M,RTX1701,0.53, GPC PCB 08-07-94, TIC



INT=22

File >M7448 1.0 au. 5890M,RTX1701,0.53, GPC PCB 08-07-94, TIC



INT=22

QUANT REPORT

Page 1

Operator ID: MANAGER Quant Rev: 7 Quant Time: 940824 13:25
Output File: ^M7448::QT Injected at: 940824 12:11
Data File: >M7448::M1 Dilution Factor: 1.00000
Name: 5890M,RTX1701,0.53, Instrument ID: M
Disc: GPC PCB 08/07/94, , , , GPC PCB 08/07/94,

ID File: IDM390::SC

Title: PEST/PCB CLP IDFILE Rtx1701 2uL INJECTION

Last Calibration: 930215 09:47

Last Qual Time: 940823 21:42

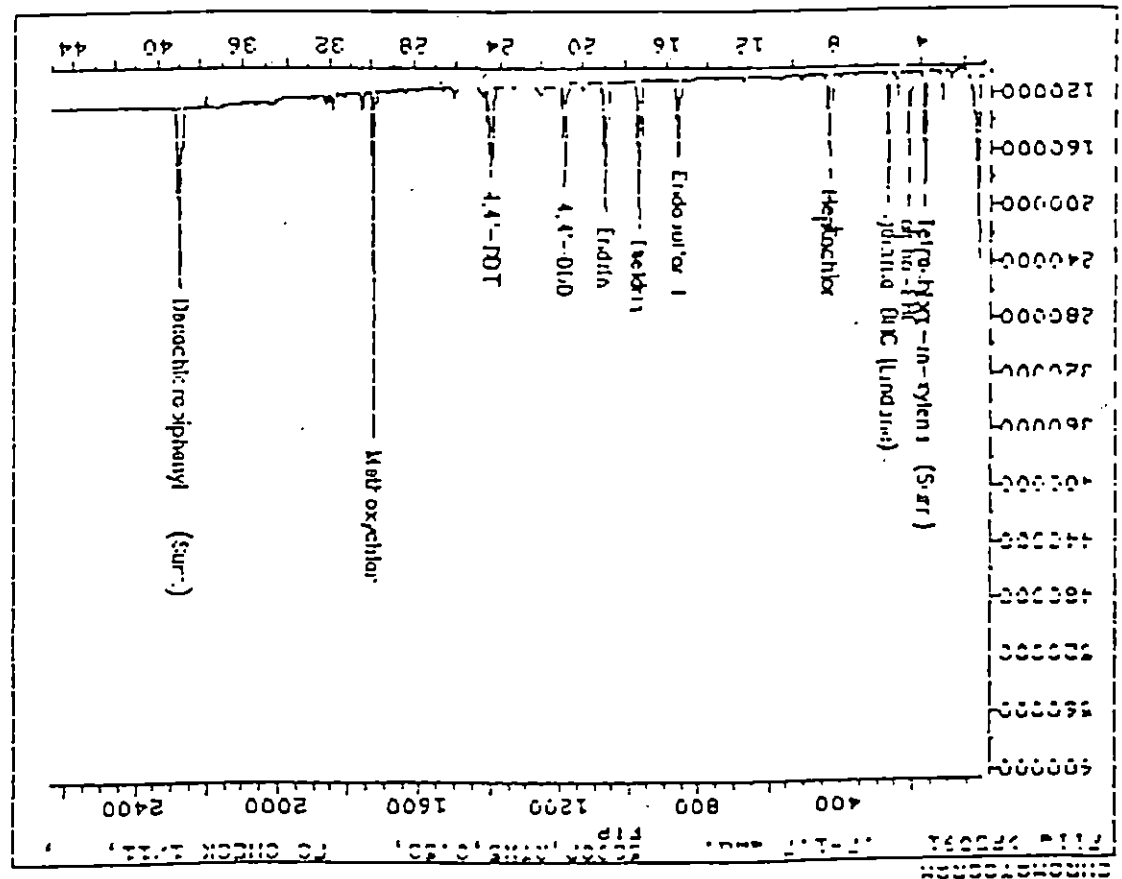
Compound	R.T.	Scan#	Area	Conc	Units	q
26) #Aroclor 1016-1	3.20	192	27631	.205	NG	100
27) #Aroclor 1016-2	4.05	243	46224	.170	NG	100
28) #Aroclor 1016-3	5.42	325	81975	.143	NG	100
29) #Aroclor 1016-4	5.90	354	58344	.215	NG	100
30) #Aroclor 1016-5	6.32	379	35615	.180	NG	100
56) #Aroclor 1260-1	18.48	1109	78543	.168	NG	100
57) #Aroclor 1260-2	19.25	1155	37512	.164	NG	100
58) #Aroclor 1260-3	19.78	1187	30920	.148	NG	100
59) #Aroclor 1260-4	21.20	1272	162240	.220	NG	100
60) #Aroclor 1260-5	27.68	1661	214983	.268	NG	100

Compound uses ESTD

Operator ID: GC1
Queue Time : 940117 08:19
Injected at: 940117 05:28

Id File: 10P390:SC
Title: PEST/PCB CLP IDFILE.RTX 5, INJ:2UL,0.53ID,HP5890P,
Last Calibration: 971204 09:50
Last Deal Time: 940116 22:25

Data File: >P5091:K1
Name: 5890P.RTX5,0.53.
Misc: FC CHECK 1/11.
Quant Output File: >P5091:DT
Instrument ID: P
FC CHECK 1/11.



QUANT REPORT

Page 1

Operator ID: GC1
Output File: ^P5091::QT
Data File: >P5091::K1
Name: 5890P, RTX5, 0.53,
Misc: FC CHECK 1/11, , , , FC CHECK 1/11,

Quant Rev: 7 Quant Time: 940117 08:19
 Injected at: 940117 05:28
 Dilution Factor: 1.00000
 Instrument ID: P

ID File: IDP390::SC

Title: PEST/PCB CLP IDFILE, Rtx 5, INJ: 2uL 0.53 ID, HP5890P,

Last Calibration: 921204 09:56

Last Qcal Time: 940116 22:25

Compound	R.T.	Scan#	Area	Conc	Units
1) #alpha-BHC	4.53	213	436500	.0173	NG
2) #gamma-BHC (Lindane)	5.40	265	492068	.0191	NG
3) #Heptachlor	8.17	431	542222	.0199	NG
4) #Endosulfan I	15.30	859	495320	.0199	NG
5) #Dieldrin	17.27	977	930861	.0386	NG
6) #Endrin	18.88	1074	820345	.0393	NG
7) #4,4'-DDD	20.82	1190	673194M	.0368	NG
8) #4,4'-DDT	24.33	1401	713297M	.0382	NG
9) #Methoxychlor	29.92	1730	2023243	.230	NG
10) #Tetrachloro-m-xylene (Surr.)	3.70	163	476660	.0190	NG
11) #Decachlorobiphenyl (Surr.)	38.88	2274	1108742	.0436	NG

Compound uses ESTD