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ANALYTICAL DATA REPORT PACKAGE

August 15, 1996

ROY F. WESTON, INC.

RFP-1416

9A

PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: ICM, Inc. Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Florisil Cartridge Lot Number: SP1018 Date of Analysis: 07/24/96

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
alpha-BHC	.01	.0088	88	80-120
gamma-BHC (Lindane)	.01	.0093	93	80-120
Heptachlor	.01	.0103	103	80-120
Endosulfan I	.01	.0091	91	80-120
Dieldrin	.02	.018	90	80-120
Endrin	.02	.018	90	80-120
4,4'-DDD	.02	.018	90	80-120
4,4'-DDT	.02	.020	100	80-120
Methoxychlor	.100	.099	99	80-120
Tetrachloro-m-xylene	.01	.0087	87	80-120
Decachlorobiphenyl	.02	.020	100	80-120

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	TP5A DL	240001	07/30/96	07/30/96
02	TP4A DL	240005	07/30/96	07/30/96
03	S29	240006	07/30/96	07/30/96
04	S29 DL	240006	07/30/96	07/30/96
05	TP5A	240001	07/31/96	07/31/96
06	TP5B	240002	07/31/96	07/31/96
07	TP3A	240003	07/31/96	07/31/96
08	TP3B	240004	07/31/96	07/31/96
09	SS23	239997	07/31/96	07/31/96
10	SS24	239999	07/31/96	07/31/96
11	TP1B	239988	07/31/96	07/31/96
12	TP1A	239987	07/31/96	07/31/96
13	TP2A	239989	07/31/96	07/31/96
14	TP1A MS	239987	08/01/96	08/01/96
15	TP1A MSD	239987	08/01/96	08/01/96
16	PBLK21	PBLK21	07/27/96	07/27/96
17	RIN3	239994	07/27/96	07/27/96
18	RIN3 MS	239994	07/27/96	07/27/96
19	RIN3 MSD	239994	07/27/96	07/27/96

9B
PESTICIDE GPC CALIBRATION

Lab Name: ICM, Inc. Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

GPC Column: ENVIROBEAD-XS3 Calibration Date: 07/19/96

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
gamma-BHC (Lindane)	.050	.042	84	80-110
Heptachlor	.050	.046	92	80-110
Aldrin	.050	.043	86	80-110
Dieldrin	.10	.095	95	80-110
Endrin	.10	.095	95	80-110
4,4'-DDT	.10	.095	95	80-110

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

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

	EPA SAMPLE NO.		LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK25		PBLK25	07/27/96	07/27/96
02	TP1A	DL	239987	07/27/96	07/27/96
03	TP2B	DL	239990	07/27/96	07/27/96
04	S23		239996	07/28/96	07/28/96
05	SS23	DL	239997	07/28/96	07/28/96
06	S24		239998	07/28/96	07/28/96
07	SS24	DL	239999	07/28/96	07/28/96
08	S25		240000	07/28/96	07/28/96
09	TP5B	DL	240002	07/28/96	07/28/96
10	TP3A	DL	240003	07/28/96	07/28/96
11	TP3B	DL	240004	07/28/96	07/28/96
12	TP4A		240005	07/28/96	07/28/96
13	TP1B	DL	239988	07/29/96	07/29/96
14	TP2A	DL	239989	07/29/96	07/29/96
15	TP2B		239990	07/29/96	07/29/96
16	TP6A		239991	07/29/96	07/29/96
17	TP6B		239992	07/29/96	07/29/96
18	TP8A		239993	07/30/96	07/30/96
19	S23	DL	239996	07/30/96	07/30/96
20	S24	DL	239998	07/30/96	07/30/96
21	S25	DL	240000	07/30/96	07/30/96
22	TP5A	DL	240001	07/30/96	07/30/96
23	TP4A	DL	240005	07/30/96	07/30/96
24	S29		240006	07/30/96	07/30/96
25	S29	DL	240006	07/30/96	07/30/96
26	TP5A		240001	07/31/96	07/31/96

9B
PESTICIDE GPC CALIBRATION

Lab Name: ICM, Inc. Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

GPC Column: ENVIROBEAD-XS3 Calibration Date: 07/19/96

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
gamma-BHC (Lindane)	.050	.042	84	80-110
Heptachlor	.050	.046	92	80-110
Aldrin	.050	.043	86	80-110
Dieldrin	.10	.095	95	80-110
Endrin	.10	.095	95	80-110
4,4'-DDT	.10	.095	95	80-110

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	TP5B	240002	07/31/96	07/31/96
02	TP3A	240003	07/31/96	07/31/96
03	TP3B	240004	07/31/96	07/31/96
04	SS23	239997	07/31/96	07/31/96
05	SS24	239999	07/31/96	07/31/96
06	TP1B	239988	07/31/96	07/31/96
07	TP1A	239987	07/31/96	07/31/96
08	TP2A	239989	07/31/96	07/31/96
09	TP1A MS	239987	08/01/96	08/01/96
10	TP1A MSD	239987	08/01/96	08/01/96

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

RIN3 MS

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239994 Date(s) Analyzed: 07/27/96 07/27/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	14.34	14.30	14.40	.40	7.5
	2	15.25	15.21	15.31	.43	
Heptachlor	1	15.83	15.79	15.89	.43	.0
	2	16.28	16.24	16.34	.43	
Aldrin	1	17.34	17.29	17.39	.39	5.1
	2	17.55	17.51	17.61	.41	
Dieldrin	1	23.01	22.95	23.09	.91	5.5
	2	23.38	23.32	23.46	.96	
Endrin	1	24.80	24.73	24.87	.90	3.3
	2	24.34	24.28	24.42	.93	
4,4'-DDT	1	27.19	27.12	27.26	.84	2.4
	2	27.42	27.34	27.48	.82	
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

RIN3 MSD

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239994 Date(s) Analyzed: 07/27/96 07/27/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	14.34	14.30	14.40	.42	7.1
	2	15.25	15.21	15.31	.45	
Heptachlor	1	15.83	15.79	15.89	.45	2.3
	2	16.29	16.24	16.34	.44	
Aldrin	1	17.34	17.29	17.39	.40	5.0
	2	17.56	17.51	17.61	.42	
Dieldrin	1	23.01	22.95	23.09	.93	4.3
	2	23.38	23.32	23.46	.97	
Endrin	1	24.80	24.73	24.87	.93	2.2
	2	24.34	24.28	24.42	.95	
4,4'-DDT	1	27.19	27.12	27.26	.86	2.4
	2	27.42	27.34	27.48	.84	
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

TP1A MS

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239987 Date(s) Analyzed: 08/01/96 08/01/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	14.38	14.30	14.40	2000.	4160
	2	15.36	15.21	15.31	47.	
Heptachlor	1	16.02	15.79	15.89	1600.	742.1
	2	16.37	16.24	16.34	190.	
Aldrin	1	17.38	17.29	17.39	240.	733.3
	2	17.43	17.51	17.61	2000.	
Dieldrin	1	22.99	22.95	23.09	2700.	390.9
	2	23.36	23.32	23.46	550.	
Endrin	1	24.82	24.73	24.87	2400.	125.0
	2	24.23	24.28	24.42	5400.	
4,4'-DDT	1	27.09	27.12	27.26	5600.	1340
	2	27.50	27.34	27.48	390.	
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

TP1A MSD

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239987 Date(s) Analyzed: 08/01/96 08/01/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	14.38	14.30	14.40	2100.	4570
	2	15.35	15.21	15.31	45.	
Heptachlor	1	16.02	15.79	15.89	1900.	660.0
	2	16.37	16.24	16.34	250.	
Aldrin	1	17.37	17.29	17.39	320.	650.0
	2	17.43	17.51	17.61	2400.	
Dieldrin	1	22.98	22.95	23.09	3400.	407.5
	2	23.35	23.32	23.46	670.	
Endrin	1	24.82	24.73	24.87	3100.	122.6
	2	24.23	24.28	24.42	6900.	
4,4'-DDT	1	27.09	27.12	27.26	7200.	1750
	2	27.49	27.34	27.48	390.	
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS23

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239997 Date(s) Analyzed: 07/31/96 07/31/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	13000.	15000.	
	2	21.10	21.06	21.20	13000.		
	3	22.98	22.93	23.07	20000.		
	4	23.46	23.45	23.59	12000.		
	5	24.79	24.78	24.92	18000.		
COLUMN 2	1	17.43	17.37	17.51	15000.	23000.	53.3 JN
	2	20.28	20.21	20.35	22000.		
	3	21.08	21.05	21.19	25000.		
	4	23.01	23.02	23.16	26000.		
	5	23.74	23.71	23.85	25000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes
Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS23 DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239997 Date(s) Analyzed: 07/28/96 07/28/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	20.82	20.76	20.90	25000.		
Aroclor-1254_	2	21.12	21.06	21.20	29000.		
	3	22.98	22.93	23.07	38000.		
COLUMN 1	4	23.50	23.45	23.59	41000.	34000.	
	5	24.82	24.78	24.92	37000.		
	1	17.44	17.37	17.51	27000.		14.7
	2	20.28	20.21	20.35	36000.		
	3	21.09	21.05	21.19	43000.		
COLUMN 2	4	23.06	23.02	23.16	50000.	39000.	
	5	23.75	23.71	23.85	41000.		
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS24

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239999 Date(s) Analyzed: 07/31/96 07/31/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.79	20.76	20.90	13000.	15000.	
	2	21.08	21.06	21.20	13000.		
	3	22.95	22.93	23.07	19000.		
	4	23.43	23.45	23.59	12000.		
	5	24.77	24.78	24.92	18000.		
COLUMN 2	1	17.43	17.37	17.51	21000.	12000.	25.0
	2	20.24	20.21	20.35	1900.		
	3	21.07	21.05	21.19	2600.		
	4	23.00	23.02	23.16	1700.		
	5	23.74	23.71	23.85	33000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes
Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS24	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239999 Date(s) Analyzed: 07/28/96 07/28/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_	1	20.82	20.76	20.90	31000.		
	2	21.12	21.06	21.20	36000.		
	3	22.98	22.93	23.07	49000.		
COLUMN 1	4	23.50	23.45	23.59	50000.	41000.	
	5	24.82	24.78	24.92	39000.		
	1	17.44	17.37	17.51	34000.		22.0
	2	20.29	20.21	20.35	55000.		
	3	21.10	21.05	21.19	49000.		
COLUMN 2	4	23.06	23.02	23.16	60000.	50000.	
	5	23.76	23.71	23.85	52000.		
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2 OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S23

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239996 Date(s) Analyzed: 07/28/96 07/28/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.85	20.76	20.90	120000.	150000.	
	2	21.13	21.06	21.20	130000.		
	3	23.00	22.93	23.07	190000.		
	4	23.48	23.45	23.59	120000.		
	5	24.80	24.78	24.92	170000.		
COLUMN 2	1	17.43	17.37	17.51	190000.	250000.	66.7
	2	20.27	20.21	20.35	260000.		
	3	21.08	21.05	21.19	250000.		
	4	23.01	23.02	23.16	260000.		
	5	23.75	23.71	23.85	290000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S23	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239996 Date(s) Analyzed: 07/30/96 07/30/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	200000.	270000.	
	2	21.12	21.06	21.20	230000.		
	3	22.98	22.93	23.07	300000.		
	4	23.51	23.45	23.59	330000.		
	5	24.83	24.78	24.92	270000.		
COLUMN 2	1	17.44	17.37	17.51	230000.	320000.	18.5
	2	20.28	20.21	20.35	290000.		
	3	21.10	21.05	21.19	340000.		
	4	23.06	23.02	23.16	420000.		
	5	23.76	23.71	23.85	330000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S24

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239998 Date(s) Analyzed: 07/28/96 07/28/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	76000.	92000.	
	2	21.11	21.06	21.20	77000.		
	3	22.98	22.93	23.07	110000.		
	4	23.48	23.45	23.59	92000.		
	5	24.82	24.78	24.92	98000.		
COLUMN 2	1	17.43	17.37	17.51	100000.	120000.	30.4
	2	20.28	20.21	20.35	110000.		
	3	21.09	21.05	21.19	120000.		
	4	23.05	23.02	23.16	140000.		
	5	23.75	23.71	23.85	120000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S24	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239998 Date(s) Analyzed: 07/30/96 07/30/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.83	20.76	20.90	85000.	98000.	
	2	21.13	21.06	21.20	86000.		
	3	22.99	22.93	23.07	110000.		
	4	23.51	23.45	23.59	110000.		
	5	24.83	24.78	24.92	98000.		
COLUMN 2	1	17.45	17.37	17.51	120000.	120000.	22.4
	2	20.28	20.21	20.35	110000.		
	3	21.11	21.05	21.19	120000.		
	4	23.08	23.02	23.16	150000.		
	5	23.77	23.71	23.85	120000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S25

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240000 Date(s) Analyzed: 07/28/96 07/28/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.78	20.76	20.90	1500000.	1700000.	
	2	21.07	21.06	21.20	1500000.		
	3	22.93	22.93	23.07	2400000.		
	4	23.42	23.45	23.59	1300000.		
	5	24.83	24.78	24.92	1900000.		
COLUMN 2	1	17.43	17.37	17.51	3800000.	3600000.	111.8 R
	2	20.23	20.21	20.35	3400000.		
	3	21.05	21.05	21.19	3200000.		
	4	22.99	23.02	23.16	3200000.		
	5	23.71	23.71	23.85	4400000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

R Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S25	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240000 Date(s) Analyzed: 07/30/96 07/30/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	4000000.	4700000.	
	2	21.12	21.06	21.20	4200000.		
	3	22.98	22.93	23.07	5400000.		
	4	23.51	23.45	23.59	5700000.		
	5	24.83	24.78	24.92	4400000.		
COLUMN 2	1	17.44	17.37	17.51	4500000.	5500000.	17.0
	2	20.28	20.21	20.35	4700000.		
	3	21.10	21.05	21.19	6000000.		
	4	23.06	23.02	23.16	6900000.		
	5	23.75	23.71	23.85	5500000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S29

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240006 Date(s) Analyzed: 07/30/96 07/30/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_	1	20.83	20.76	20.90	20000000.		
	2	21.13	21.06	21.20	20000000.		
	3	22.99	22.93	23.07	25000000.		
COLUMN 1	4	23.50	23.45	23.59	24000000.	22000000.	
	5	24.83	24.78	24.92	19000000.		
	1	17.44	17.37	17.51	22000000.		18.2
	2	20.28	20.21	20.35	25000000.		
	3	21.10	21.05	21.19	28000000.		
COLUMN 2	4	23.07	23.02	23.16	30000000.	26000000.	
	5	23.76	23.71	23.85	25000000.		
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S29	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240006 Date(s) Analyzed: 07/30/96 07/30/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.83	20.76	20.90	46000000.	51000000.	
	2	21.13	21.06	21.20	46000000.		
	3	22.99	22.93	23.07	58000000.		
	4	23.51	23.45	23.59	56000000.		
	5	24.83	24.78	24.92	48000000.		
COLUMN 2	1	17.45	17.37	17.51	95000000.	67000000.	31.4 J
	2	20.28	20.21	20.35	54000000.		
	3	21.11	21.05	21.19	61000000.		
	4	23.07	23.02	23.16	68000000.		
	5	23.77	23.71	23.85	58000000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

J Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP1A

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239987 Date(s) Analyzed: 07/31/96 07/31/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	75000.	78000.	
	2	21.12	21.06	21.20	64000.		
	3	22.98	22.93	23.07	99000.		
	4	23.50	23.45	23.59	82000.		
	5	24.82	24.78	24.92	72000.		
COLUMN 2	1	17.43	17.37	17.51	58000.	85000.	9.0
	2	20.28	20.21	20.35	87000.		
	3	21.08	21.05	21.19	95000.		
	4	23.04	23.02	23.16	98000.		
	5	23.74	23.71	23.85	89000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP1A	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239987 Date(s) Analyzed: 07/27/96 07/27/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	170000.	180000.	
	2	21.11	21.06	21.20	160000.		
	3	22.98	22.93	23.07	210000.		
	4	23.50	23.45	23.59	160000.		
	5	24.82	24.78	24.92	200000.		
COLUMN 2	1	17.43	17.37	17.51	130000.	190000.	5.6
	2	20.28	20.21	20.35	180000.		
	3	21.09	21.05	21.19	200000.		
	4	23.05	23.02	23.16	240000.		
	5	23.74	23.71	23.85	190000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of ulticomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP1A MS

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239987 Date(s) Analyzed: 08/01/96 08/01/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	60000.	64000.	
	2	21.12	21.06	21.20	52000.		
	3	22.99	22.93	23.07	83000.		
	4	23.50	23.45	23.59	65000.		
	5	24.82	24.78	24.92	60000.		
COLUMN 2	1	17.43	17.37	17.51	48000.	68000.	6.3
	2	20.28	20.21	20.35	68000.		
	3	21.09	21.05	21.19	72000.		
	4	23.05	23.02	23.16	78000.		
	5	23.75	23.71	23.85	72000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2 OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP1A MSD

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239987 Date(s) Analyzed: 08/01/96 08/01/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	73000.	80000.	
	2	21.12	21.06	21.20	65000.		
	3	22.98	22.93	23.07	100000.		
	4	23.49	23.45	23.59	84000.		
	5	24.82	24.78	24.92	76000.		
COLUMN 2	1	17.43	17.37	17.51	59000.	87000.	8.8
	2	20.28	20.21	20.35	87000.		
	3	21.08	21.05	21.19	98000.		
	4	23.04	23.02	23.16	98000.		
	5	23.74	23.71	23.85	94000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP1B

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239988 Date(s) Analyzed: 07/31/96 07/31/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.81	20.76	20.90	63000.	69000.	
	2	21.10	21.06	21.20	61000.		
	3	22.98	22.93	23.07	90000.		
	4	23.47	23.45	23.59	62000.		
	5	24.81	24.78	24.92	67000.		
COLUMN 2	1	17.43	17.37	17.51	65000.	86000.	24.6
	2	20.28	20.21	20.35	82000.		
	3	21.08	21.05	21.19	90000.		
	4	23.04	23.02	23.16	100000.		
	5	23.74	23.71	23.85	89000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP1B	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239988 Date(s) Analyzed: 07/29/96 07/29/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_	1	20.83	20.76	20.90	94000.		
	2	21.13	21.06	21.20	96000.		
	3	22.99	22.93	23.07	120000.		
COLUMN 1	4	23.51	23.45	23.59	110000.	100000.	
	5	24.83	24.78	24.92	96000.		
	1	17.45	17.37	17.51	190000.		40.0
	2	20.28	20.21	20.35	110000.		
	3	21.11	21.05	21.19	120000.		
COLUMN 2	4	23.08	23.02	23.16	140000.	140000.	
	5	23.77	23.71	23.85	120000.		
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2 OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP2A

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239989 Date(s) Analyzed: 07/31/96 07/31/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	83000.	110000.	
	2	21.12	21.06	21.20	94000.		
	3	22.98	22.93	23.07	140000.		
	4	23.48	23.45	23.59	110000.		
	5	24.82	24.78	24.92	120000.		
COLUMN 2	1	17.43	17.37	17.51	100000.	130000.	18.2
	2	20.28	20.21	20.35	110000.		
	3	21.09	21.05	21.19	140000.		
	4	23.05	23.02	23.16	170000.		
	5	23.75	23.71	23.85	140000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes
Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP2A	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239989 Date(s) Analyzed: 07/29/96 07/29/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.83	20.76	20.90	120000.	150000.	
	2	21.13	21.06	21.20	140000.		
	3	23.00	22.93	23.07	170000.		
	4	23.52	23.45	23.59	170000.		
	5	24.83	24.78	24.92	160000.		
COLUMN 2	1	17.45	17.37	17.51	150000.	160000.	6.7
	2	20.28	20.21	20.35	130000.		
	3	21.12	21.05	21.19	170000.		
	4	23.08	23.02	23.16	200000.		
	5	23.77	23.71	23.85	160000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP2B

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239990 Date(s) Analyzed: 07/29/96 07/29/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.83	20.76	20.90	140.	160.	
	2	21.13	21.06	21.20	150.		
	3	23.00	22.93	23.07	160.		
	4	23.53	23.45	23.59	170.		
	5	24.84	24.78	24.92	180.		
COLUMN 2	1	17.46	17.37	17.51	160.	150.	6.7
	2	20.28	20.21	20.35	120.		
	3	21.13	21.05	21.19	140.		
	4	23.10	23.02	23.16	180.		
	5	23.78	23.71	23.85	150.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

* Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP2B	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239990 Date(s) Analyzed: 07/27/96 07/27/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	11000.	14000.	
	2	21.12	21.06	21.20	12000.		
	3	22.98	22.93	23.07	16000.		
	4	23.49	23.45	23.59	17000.		
	5	24.82	24.78	24.92	14000.		
COLUMN 2	1	17.43	17.37	17.51	13000.	16000.	14.3
	2	20.28	20.21	20.35	13000.		
	3	21.09	21.05	21.19	17000.		
	4	23.05	23.02	23.16	20000.		
	5	23.75	23.71	23.85	16000.		
	1						
	2						
	3						
COLUMN 1	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

* Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP3A

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240003 Date(s) Analyzed: 07/31/96 07/31/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	8800.	8700.	
	2	21.12	21.06	21.20	7100.		
	3	22.98	22.93	23.07	11000.		
	4	23.50	23.45	23.59	9100.		
	5	24.82	24.78	24.92	7600.		
COLUMN 2	1	17.43	17.37	17.51	8800.	11000.	26.4 J
	2	20.28	20.21	20.35	11000.		
	3	21.09	21.05	21.19	12000.		
	4	23.05	23.02	23.16	13000.		
	5	23.75	23.71	23.85	9800.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

J Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP3A DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240003 Date(s) Analyzed: 07/28/96 07/28/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.83	20.76	20.90	22000.	23000.	
	2	21.12	21.06	21.20	20000.		
	3	22.99	22.93	23.07	27000.		
	4	23.51	23.45	23.59	27000.		
	5	24.83	24.78	24.92	22000.		
COLUMN 2	1	17.44	17.37	17.51	34000.	29000.	26.1
	2	20.28	20.21	20.35	26000.		
	3	21.10	21.05	21.19	30000.		
	4	23.07	23.02	23.16	31000.		
	5	23.76	23.71	23.85	25000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

* Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP3B

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240004 Date(s) Analyzed: 07/31/96 07/31/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	20.82	20.76	20.90	1400.		
Aroclor-1254_	2	21.11	21.06	21.20	1500.		
	3	22.98	22.93	23.07	1800.		
COLUMN 1	4	23.50	23.45	23.59	1900.	1600.	
	5	24.82	24.78	24.92	1600.		
	1	17.43	17.37	17.51	1600.		25.0
	2	20.28	20.21	20.35	2100.		
	3	21.09	21.05	21.19	2200.		
COLUMN 2	4	23.05	23.02	23.16	2300.	2000.	
	5	23.75	23.71	23.85	1900.		
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

* Peak Concentration excluded from calculation of mean due to additional flags

page 1 of 1

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP3B	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240004 Date(s) Analyzed: 07/28/96 07/28/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.82	20.76	20.90	3700.	4000.	
	2	21.12	21.06	21.20	4000.		
	3	22.98	22.93	23.07	4200.		
	4	23.51	23.45	23.59	4400.		
	5	24.83	24.78	24.92	3700.		
COLUMN 2	1	17.44	17.37	17.51	3900.	4500.	12.5
	2	20.28	20.21	20.35	4500.		
	3	21.11	21.05	21.19	5100.		
	4	23.07	23.02	23.16	4900.		
	5	23.76	23.71	23.85	4100.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

* Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP4A

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240005 Date(s) Analyzed: 07/28/96 07/28/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.79	20.76	20.90	170000.	180000.	
	2	21.08	21.06	21.20	150000.		
	3	22.95	22.93	23.07	230000.		
	4	23.44	23.45	23.59	150000.		
	5	24.78	24.78	24.92	210000.		
COLUMN 2	1	17.43	17.37	17.51	290000.	310000.	72.2 JN
	2	20.26	20.21	20.35	310000.		
	3	21.07	21.05	21.19	310000.		
	4	23.01	23.02	23.16	300000.		
	5	23.74	23.71	23.85	360000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP4A	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240005 Date(s) Analyzed: 07/30/96 07/30/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	20.83	20.76	20.90	360000.		
Aroclor-1254_	2	21.13	21.06	21.20	360000.		
	3	22.99	22.93	23.07	450000.		
COLUMN 1	4	23.51	23.45	23.59	460000.	400000.	
	5	24.83	24.78	24.92	380000.		
	1	17.45	17.37	17.51	420000.		17.5
	2	20.28	20.21	20.35	420000.		
	3	21.11	21.05	21.19	490000.		
COLUMN 2	4	23.07	23.02	23.16	550000.	470000.	
	5	23.77	23.71	23.85	460000.		
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP5A

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240001 Date(s) Analyzed: 07/31/96 07/31/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	20.80	20.76	20.90	100000.		
Aroclor-1254_	2	21.10	21.06	21.20	1200000.		
	3	22.98	22.93	23.07	1700000.		
COLUMN 1	4	23.47	23.45	23.59	1200000.	1100000.	
	5	24.83	24.78	24.92	1300000.		
	1	21.09	17.37	17.51	1800000.		36.4
	2	23.05	20.21	20.35	2400000.		
	3	23.75	21.05	21.19	1400000.		
COLUMN 2	4	24.86	23.02	23.16	960000.	1500000.	
	5	28.41	23.71	23.85	1100000.		
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP5A	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240001 Date(s) Analyzed: 07/30/96 07/30/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.83	20.76	20.90	1700000.	1900000.	
	2	21.13	21.06	21.20	1900000.		
	3	22.99	22.93	23.07	2200000.		
	4	23.52	23.45	23.59	2200000.		
	5	24.83	24.78	24.92	1800000.		
COLUMN 2	1	17.45	17.37	17.51	2300000.	2300000.	21.1
	2	20.28	20.21	20.35	2100000.		
	3	21.12	21.05	21.19	2400000.		
	4	23.08	23.02	23.16	2700000.		
	5	23.77	23.71	23.85	2000000.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP5B

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240002 Date(s) Analyzed: 07/31/96 07/31/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	20.82	20.76	20.90	3300.		
Aroclor-1254_	2	21.12	21.06	21.20	2800.		
	3	22.98	22.93	23.07	3500.		
COLUMN 1	4	23.52	23.45	23.59	3000.	3100.	
	5	24.82	24.78	24.92	2900.		
	1	17.43	17.37	17.51	4600.		25.8
	2	20.28	20.21	20.35	3500.		
	3	21.09	21.05	21.19	3700.		
COLUMN 2	4	23.05	23.02	23.16	4100.	3900.	
	5	23.75	23.71	23.85	3500.		
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP5B	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 240002 Date(s) Analyzed: 07/28/96 07/28/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.83	20.76	20.90	4900.	4600.	
	2	21.13	21.06	21.20	4300.		
	3	22.99	22.93	23.07	4700.		
	4	23.51	23.45	23.59	4700.		
	5	24.83	24.78	24.92	4300.		
COLUMN 2	1	17.45	17.37	17.51	7000.	5500.	19.6
	2	20.28	20.21	20.35	4500.		
	3	21.11	21.05	21.19	5400.		
	4	23.08	23.02	23.16	5700.		
	5	23.77	23.71	23.85	4700.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

* Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP6B

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239992 Date(s) Analyzed: 07/29/96 07/29/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1254_ COLUMN 1	1	20.83	20.76	20.90	33.	37.	
	2	21.13	21.06	21.20	30.		
	3	22.99	22.93	23.07	33.		
	4	23.51	23.45	23.59	33.		
	5	24.83	24.78	24.92	59.		
COLUMN 2	1	17.45	17.37	17.51	66.	41.	10.8
	2	20.28	20.21	20.35	31.		
	3	21.11	21.05	21.19	30.		
	4	23.08	23.02	23.16	39.		
	5	23.77	23.71	23.85	37.		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

TP8A

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Lab Sample ID: 239993 Date(s) Analyzed: 07/30/96 07/30/96

Instrument ID (1): 5890 3 Instrument ID (2): 5890 3

GC Column(1): DB608 ID: .53 (mm) GC Column(2): DB1701 ID: .53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	20.80	20.76	20.90	110.		
Aroclor-1254_	2	21.12	21.06	21.20	46.		
	3	23.05	22.93	23.07	630.		
COLUMN 1	4	23.53	23.45	23.59	110.	240.	
	5	24.95	24.78	24.92	300.		
	1	17.40	17.37	17.51	140.		84.6
	2	20.29	20.21	20.35	190.		
	3	21.09	21.05	21.19	56.		
COLUMN 2	4	23.05	23.02	23.16	140.	130.	
	5	23.76	23.71	23.85	110.		
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

IN

At least 3 peaks for each column are required for identification of multicomponent analytes

Peak Concentration excluded from calculation of mean due to additional flags

FORM X PEST-2

OLM03.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:36
Output File: ^03441::GQ Injected at: 960723 15:41
Data File: >03441::G2 Dilution Factor: 1.00000
Name: RESC01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2204637	17.13	ng/ml	100
9)	#Endosulfan I	0.010	21.58	2590	1130960	10.41	ng/ml	100
10)	#Dieldrin	0.020	23.02	2762	1717956	17.53	ng/ml	100
11)	#4,4'-DDE	0.020	22.80	2736	1457378	15.22	ng/ml	100
15)	#Endosulfan Sulfate	0.020	28.29	3395	1659008	18.57	ng/ml	100
17)	#Methoxychlor	0.100	32.43	3891	3764971	95.73	ng/ml	100
18)	#Endrin ketone	0.020	32.74	3929	1642697	17.39	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4996	2348177	19.71	ng/ml	100
21)	#gamma-Chlordane	0.010	20.76	2491	1129184	8.90	ng/ml	100

Compound uses ESTD

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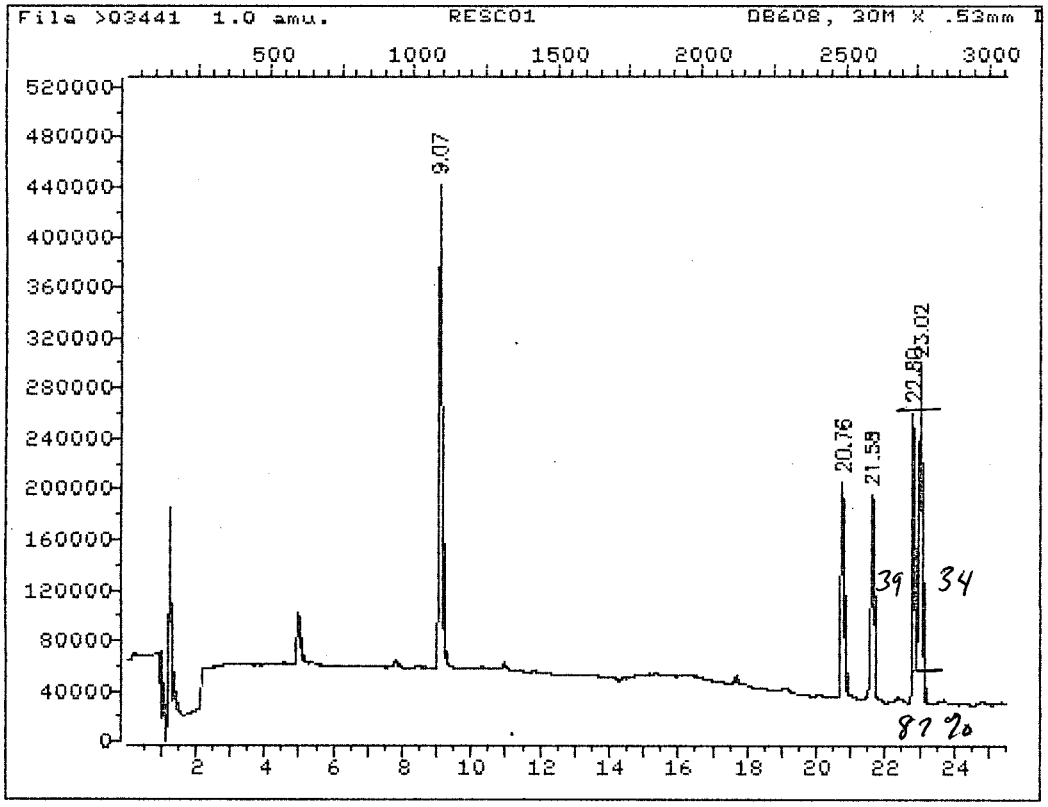
7/30/96



Data File: >03441::G2 Quant Output File: ^03441::GQ
Name: RESC01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:36
Injected at: 960723 15:41

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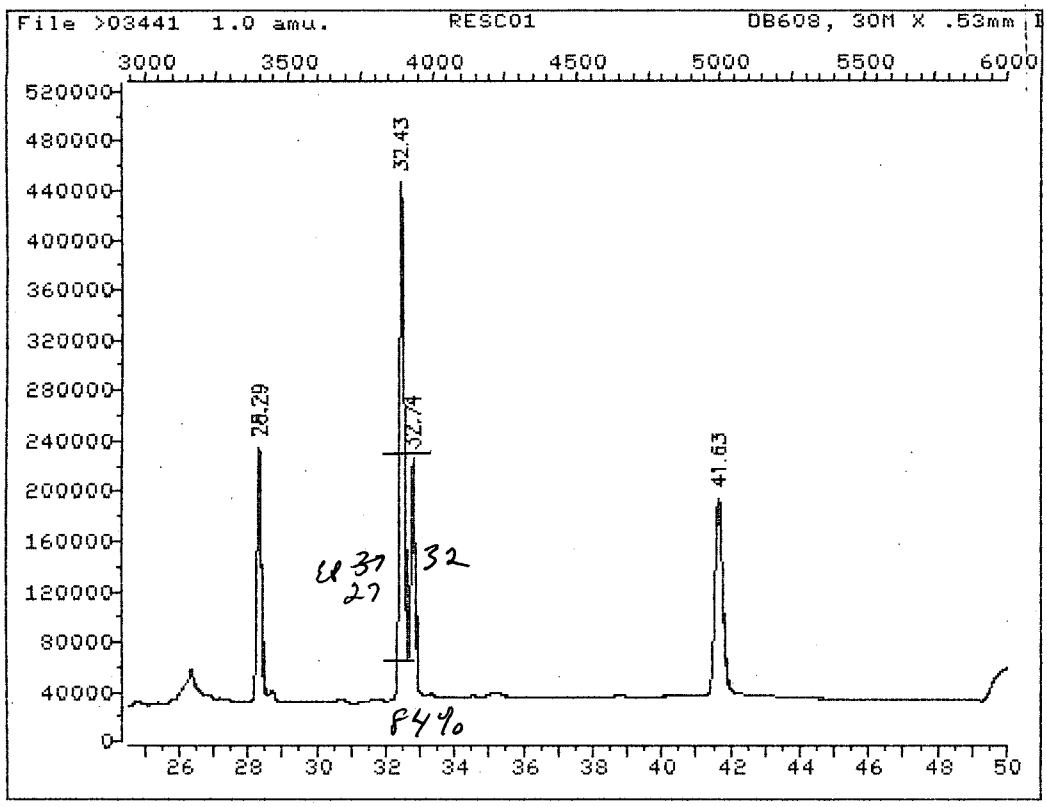

Data File: >03441::G2 Quant Output File: ^03441::GQ
Name: RESC01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:36
Injected at: 960723 15:41

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Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:22
Output File: ^04441::GQ Injected at: 960723 15:41
Data File: >04441::G4 Dilution Factor: 1.00000
Name: RESC01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	794459	17.86	ng/ml	100
9)	#Endosulfan I	0.010	21.75	2610	314778	8.87	ng/ml	100
10)	#Dieldrin	0.020	23.39	2807	567472	17.47	ng/ml	100
11)	#4,4'-DDE	0.020	22.74	2729	474198	16.77	ng/ml	100
15)	#Endosulfan Sulfate	0.020	30.57	3668	433006	15.97	ng/ml	100
17)	#Methoxychlor	0.100	30.83	3699	1206248	92.93	ng/ml	100
18)	#Endrin ketone	0.020	32.91	3949	601467	18.20	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.68	4641	892192	18.97	ng/ml	100
21)	#gamma-Chlordane	0.010	21.98	2637	349037	8.53	ng/ml	100

Compound uses ESTD

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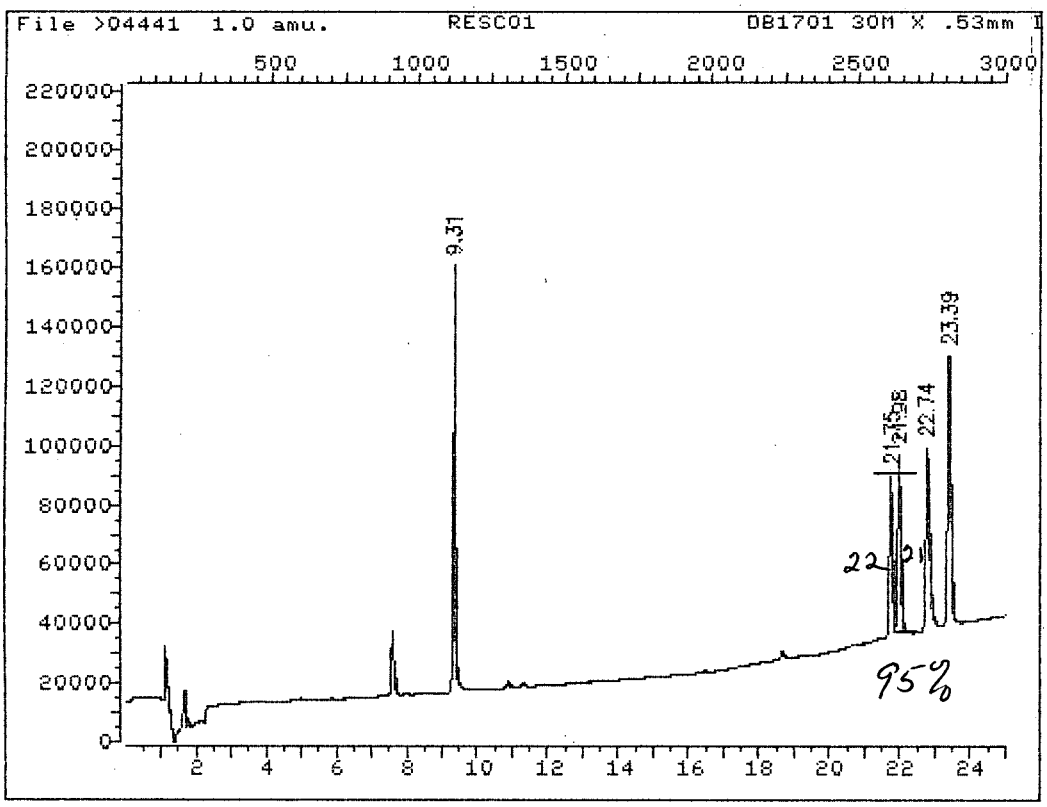
7/30/96



Data File: >04441::G4 Quant Output File: ^04441::GQ
Name: RESC01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:22
Injected at: 960723 15:41

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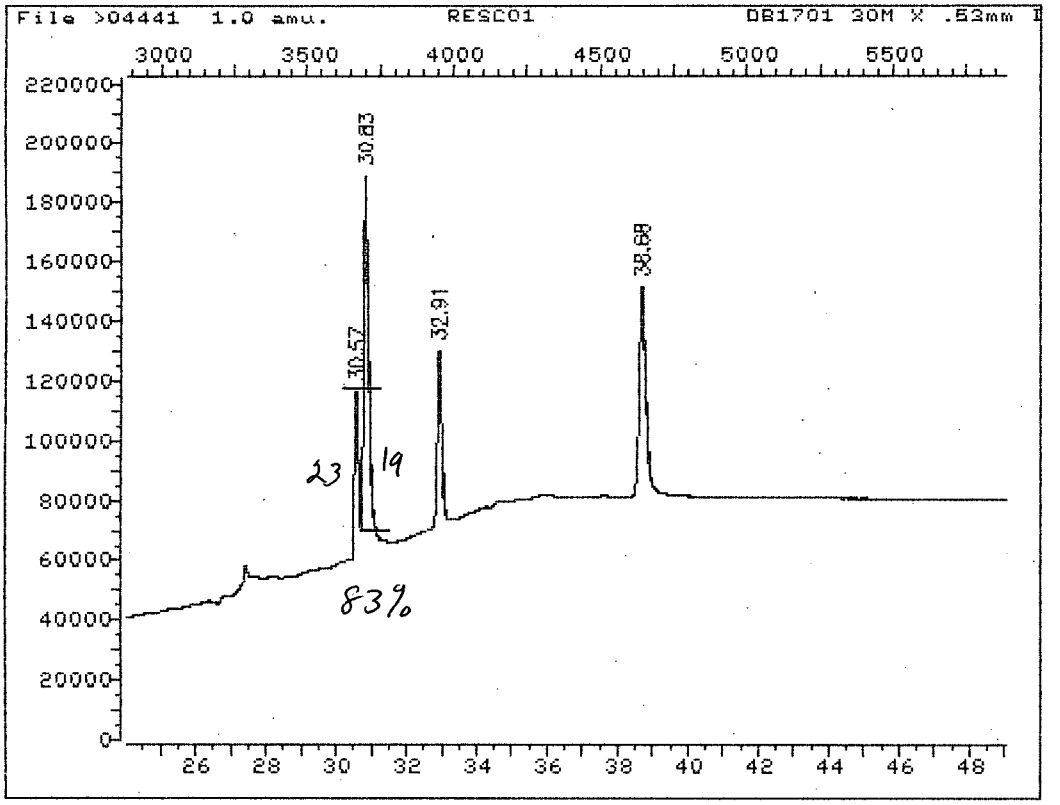

Data File: >04441::G4 Quant Output File: ^04441::GQ
Name: RESC01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:22
Injected at: 960723 15:41

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Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:39
Output File: ^03442::GQ Injected at: 960723 16:36
Data File: >03442::G2 Dilution Factor: 1.00000
Name: PEM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAF1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2317636	18.01	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1419309	9.36	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	787536	9.30	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1293545	9.18	ng/ml	100
11)	#4,4'-DDE		22.81	2737	153211	1.60	ng/ml	100
12)	#Endrin	0.050	24.81	2977	4257428	47.79	ng/ml	100
14)	#4,4'-DDD		25.60	3072	166827	2.73	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3262	6720518	97.75	ng/ml	100
17)	#Methoxychlor	0.250	32.43	3891	9343702	237.57	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4996	2460466	20.65	ng/ml	100
30)	#Endrin aldehyde		27.59	3311	140327	1.72	ng/ml	100

Compound uses ESTD

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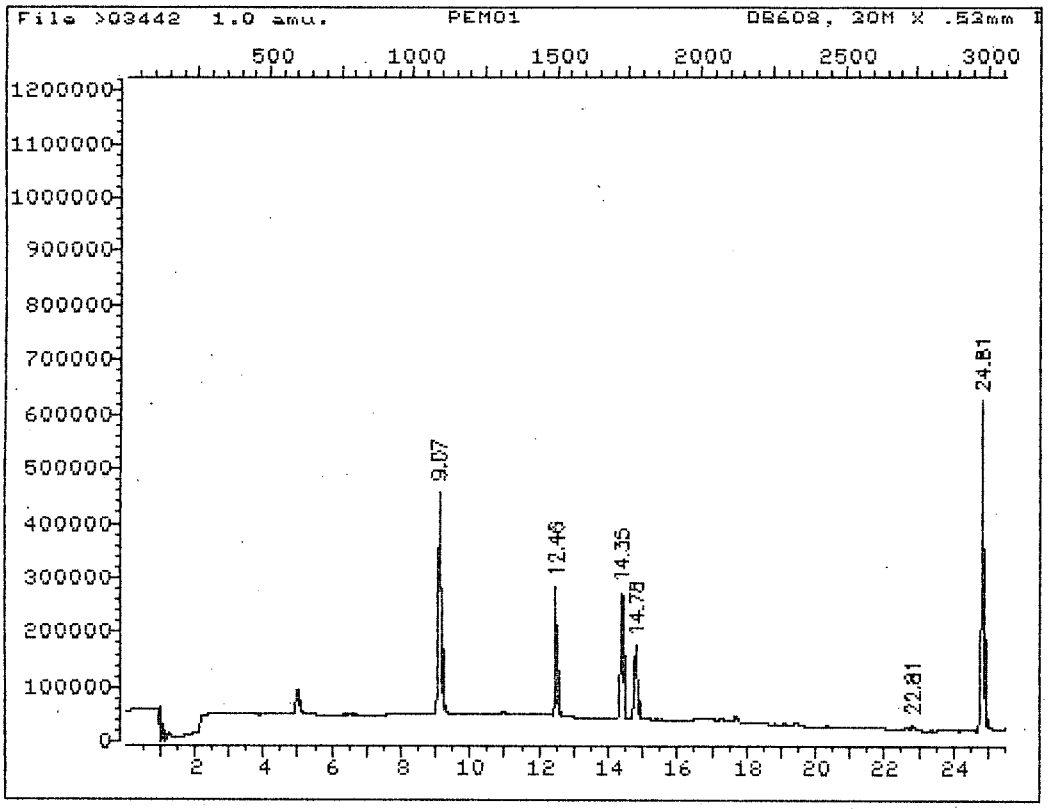
7/30/96



Data File: >03442::G2 Quant Output File: ^03442::GQ
Name: PEM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:39
Injected at: 960723 16:36

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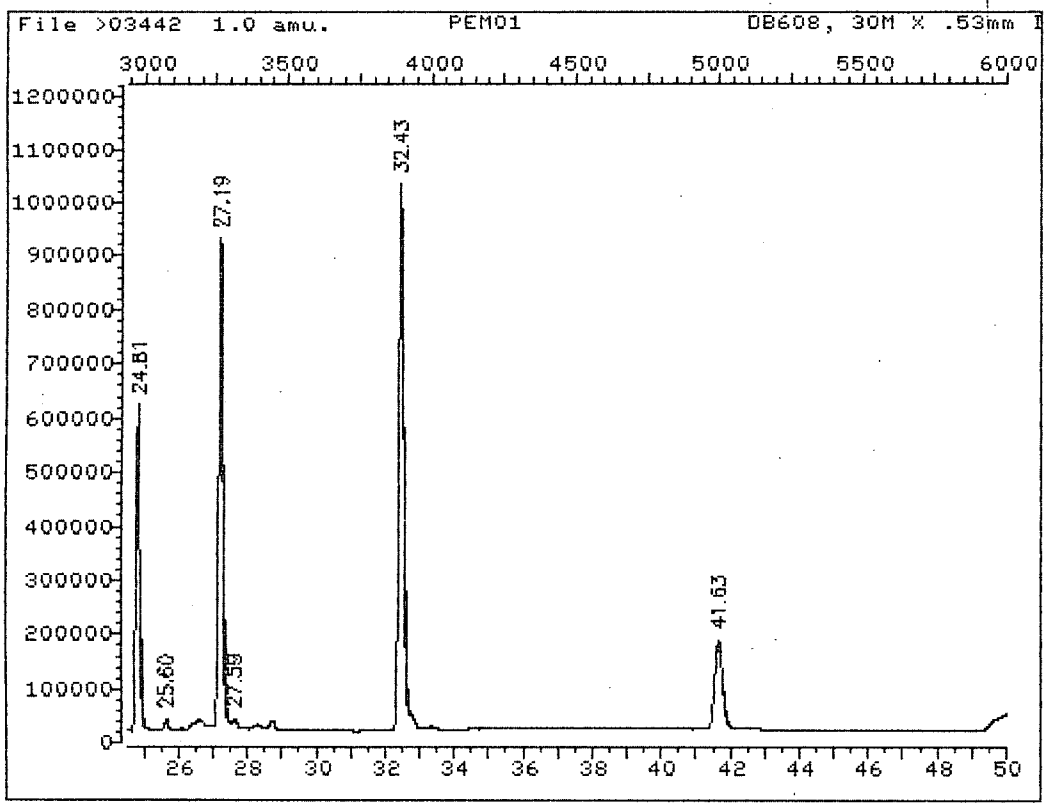

Data File: >03442::G2 Quant Output File: ^03442::GQ
Name: PEM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:39
Injected at: 960723 16:36

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Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:24
Output File: ^04442::GQ Injected at: 960723 16:36
Data File: >04442::G4 Dilution Factor: 1.00000
Name: PEM01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	817578	18.38	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	300404	9.10	ng/ml	100
3)	#beta-BHC	0.010	18.61	2233	251742	9.89	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.26	1831	312388	8.91	ng/ml	100
11)	#4,4'-DDE		22.77	2732	52518	1.86	ng/ml	100
12)	#Endrin	0.050	24.35	2922	1471624	49.65	ng/ml	100
14)	#4,4'-DDD		26.51	3181	85083	4.50	ng/ml	100
16)	#4,4'-DDT	0.100	27.41	3289	1855031	109.36	ng/ml	100
17)	#Methoxychlor	0.250	30.82	3698	3294745	253.84	ng/ml	100
18)	#Endrin ketone		32.91	3949	138556	4.19	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.68	4641	928828	19.75	ng/ml	100
30)	#Endrin aldehyde		28.84	3461	32027	1.00	ng/ml	100

Compound uses ESTD

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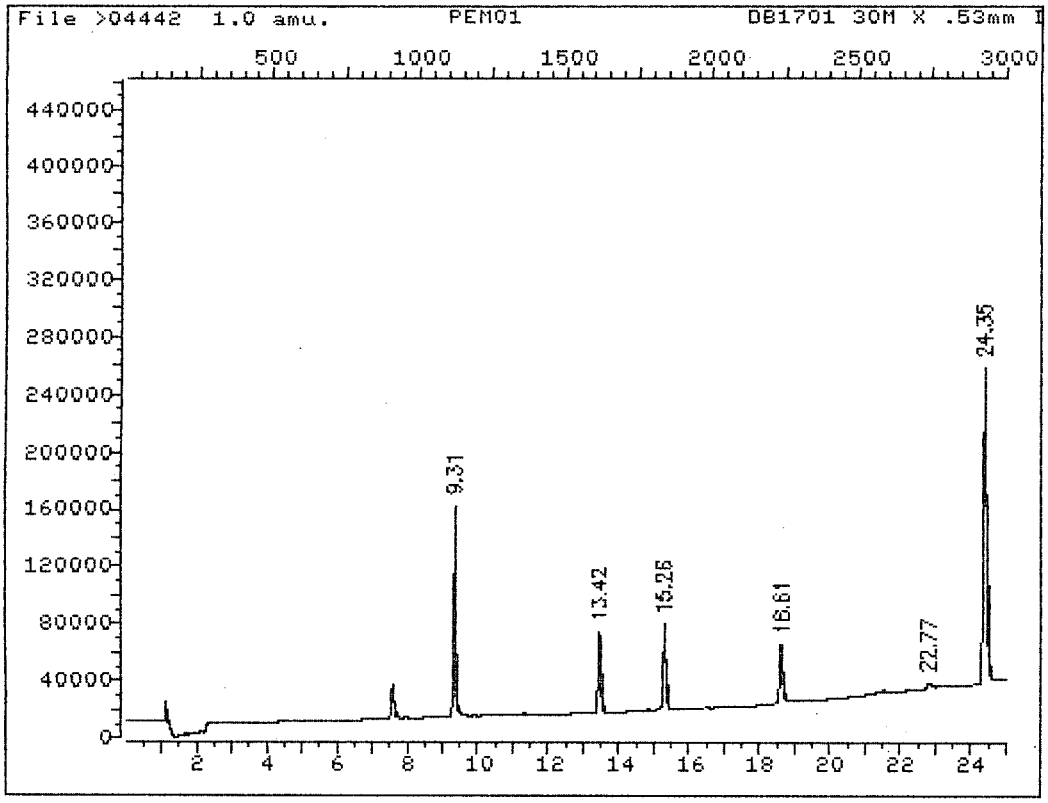

Data File: >04442::G4 Quant Output File: ^04442::GQ
Name: PEM01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:24
Injected at: 960723 16:36

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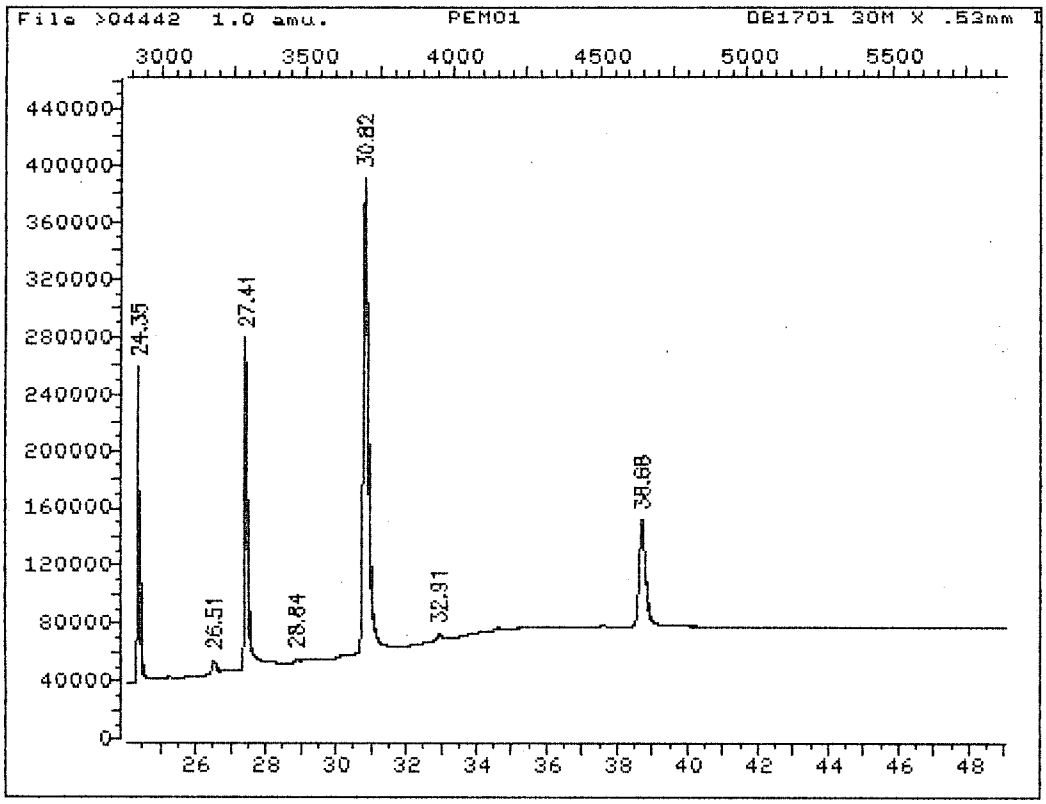

Data File: >04442::G4 Quant Output File: ^04442::GQ
Name: PEM01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:24
Injected at: 960723 16:36

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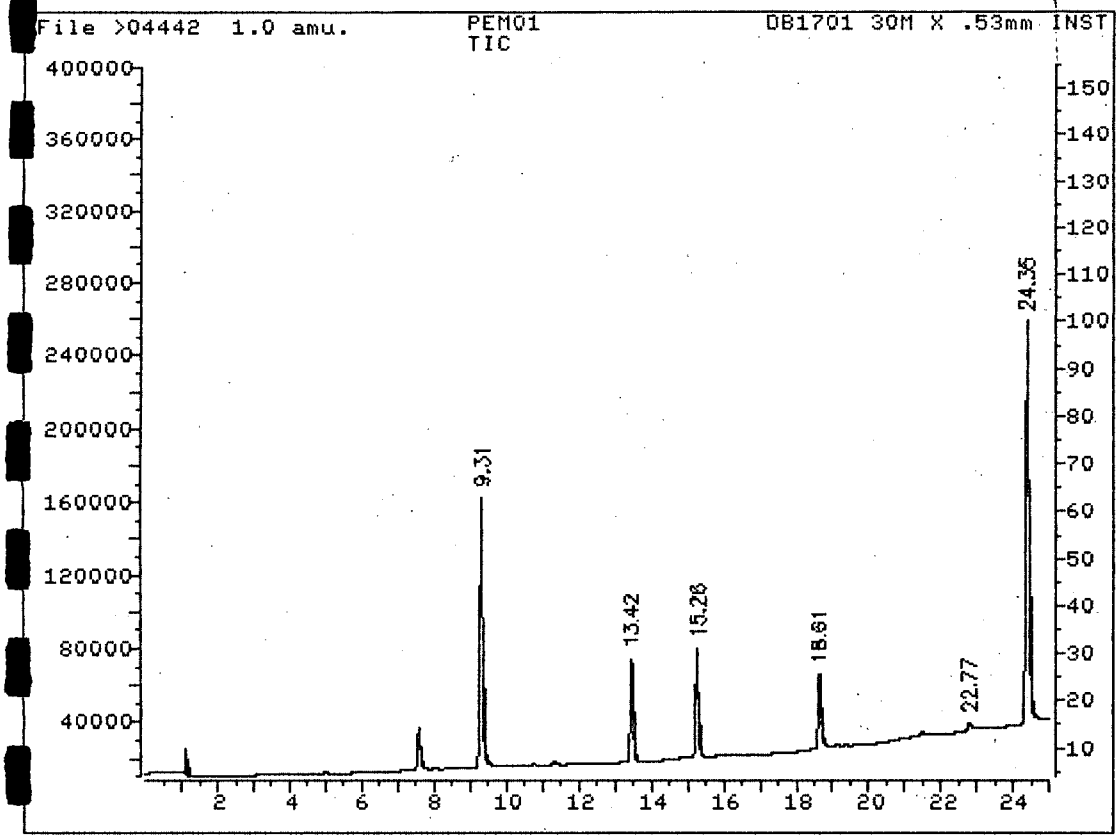
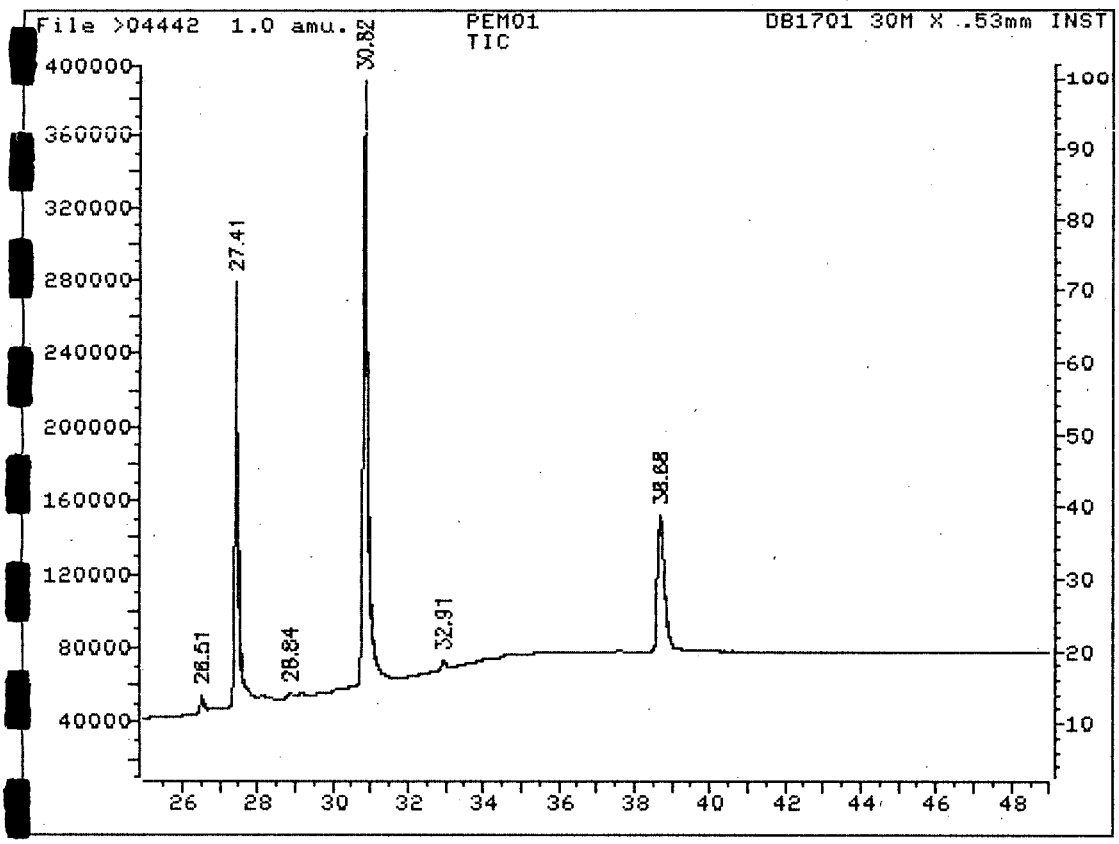


MS data file header from : >04442::G4

Sample: PEM01 Operator: TRFI2 7/23/96 16:36
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04442::G4

Sample: PEM01 Operator: TRFI2 7/23/96 16:36
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:04
Output File: ^03457::GQ Injected at: 960724 06:17
Data File: >03457::G2 Dilution Factor: 1.00000
Name: PEM02 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2428715	18.88	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1431833	9.44	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	807530	9.54	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1350555	9.58	ng/ml	100
11)	#4,4'-DDE		22.83	2739	157649	1.65	ng/ml	100
12)	#Endrin	0.050	24.81	2977	4255723	47.77	ng/ml	100
14)	#4,4'-DDD		25.61	3073	157277	2.57	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3262	6454430	93.88	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3892	8999376	228.81	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4996	2484489	20.86	ng/ml	100
30)	#Endrin aldehyde		27.59	3311	155769	1.91	ng/ml	100

Compound uses ESTD

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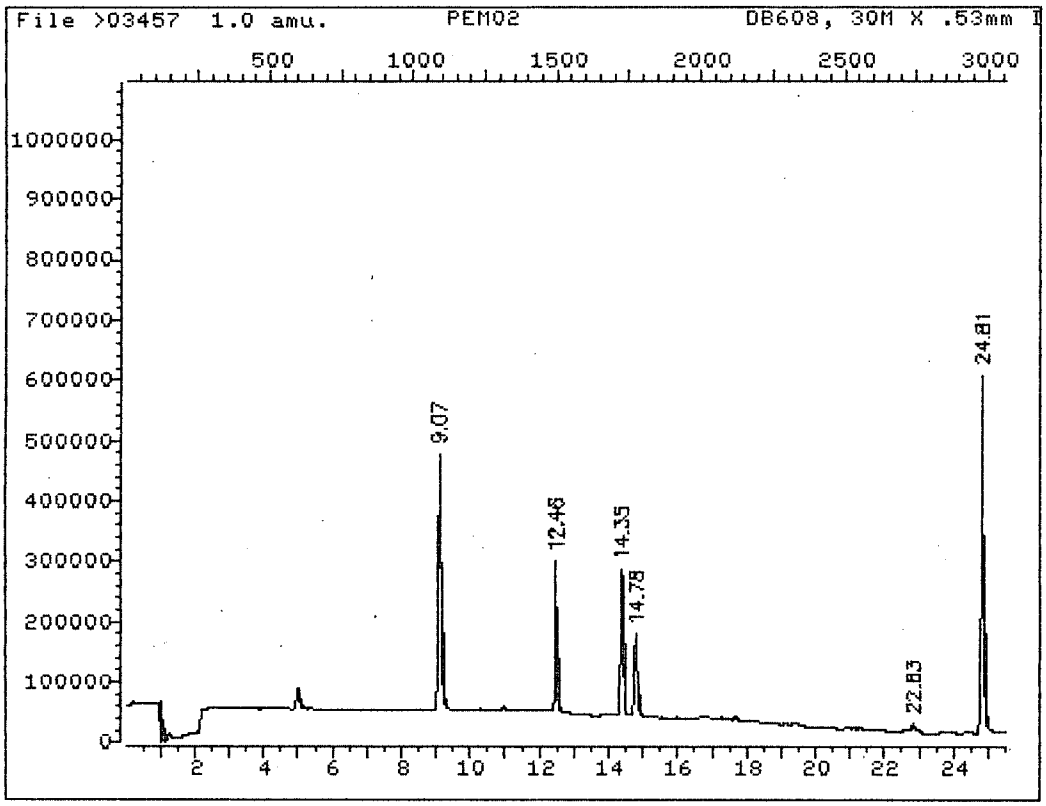
7/21/96



Data File: >03457::G2 Quant Output File: ^03457::GQ
Name: PEM02 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:04
Injected at: 960724 06:17

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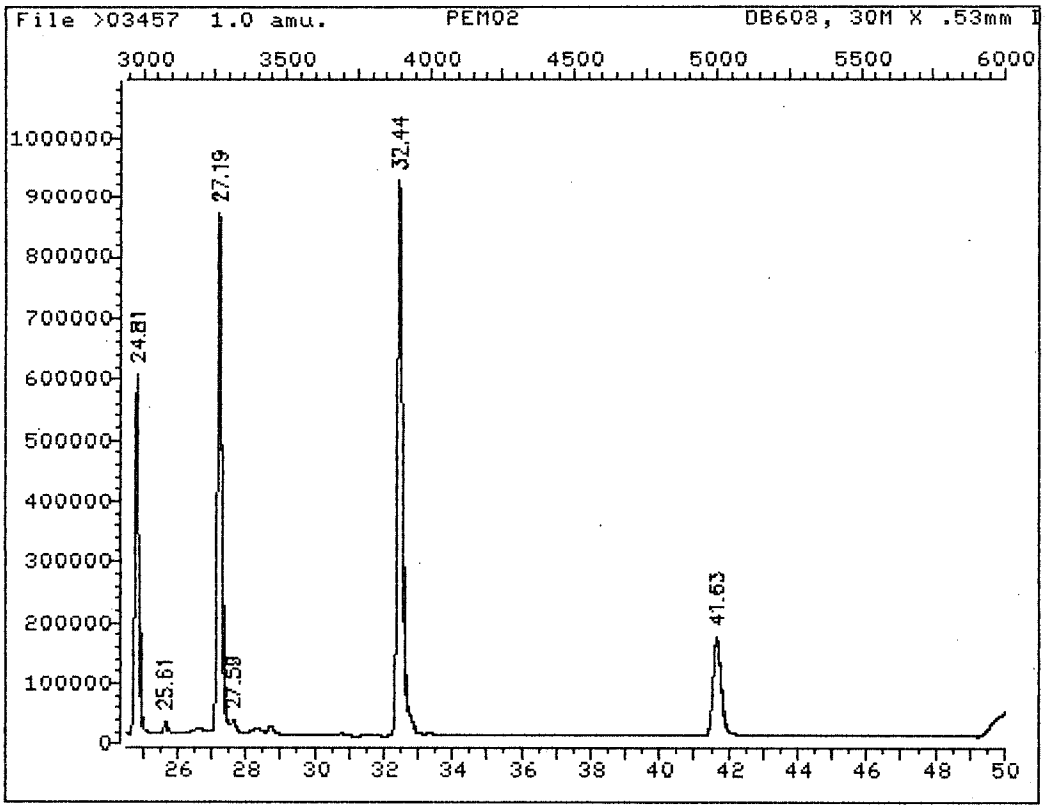

Data File: >03457::G2 Quant Output File: ^03457::GQ
Name: PEM02 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:04
Injected at: 960724 06:17

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:47
Output File: ^04457::GQ Injected at: 960724 06:17
Data File: >04457::G4 Dilution Factor: 1.00000
Name: PEM02 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	833576	18.74	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	304128	9.21	ng/ml	100
3)	#beta-BHC	0.010	18.61	2233	243117	9.55	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.26	1831	317448	9.06	ng/ml	100
11)	#4,4'-DDE		22.79	2735	84312	2.98	ng/ml	100
12)	#Endrin	0.050	24.35	2922	1521789	51.34	ng/ml	100
14)	#4,4'-DDD		26.53	3183	95852	5.06	ng/ml	100
16)	#4,4'-DDT	0.100	27.42	3290	1502693	88.59	ng/ml	100
17)	#Methoxychlor	0.250	30.84	3700	2785456	214.60	ng/ml	100
18)	#Endrin ketone		32.92	3950	46377	1.40	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.69	4643	963266	20.49	ng/ml	100
30)	#Endrin aldehyde		28.85	3462	32378	1.01	ng/ml	100

Compound uses ESTD

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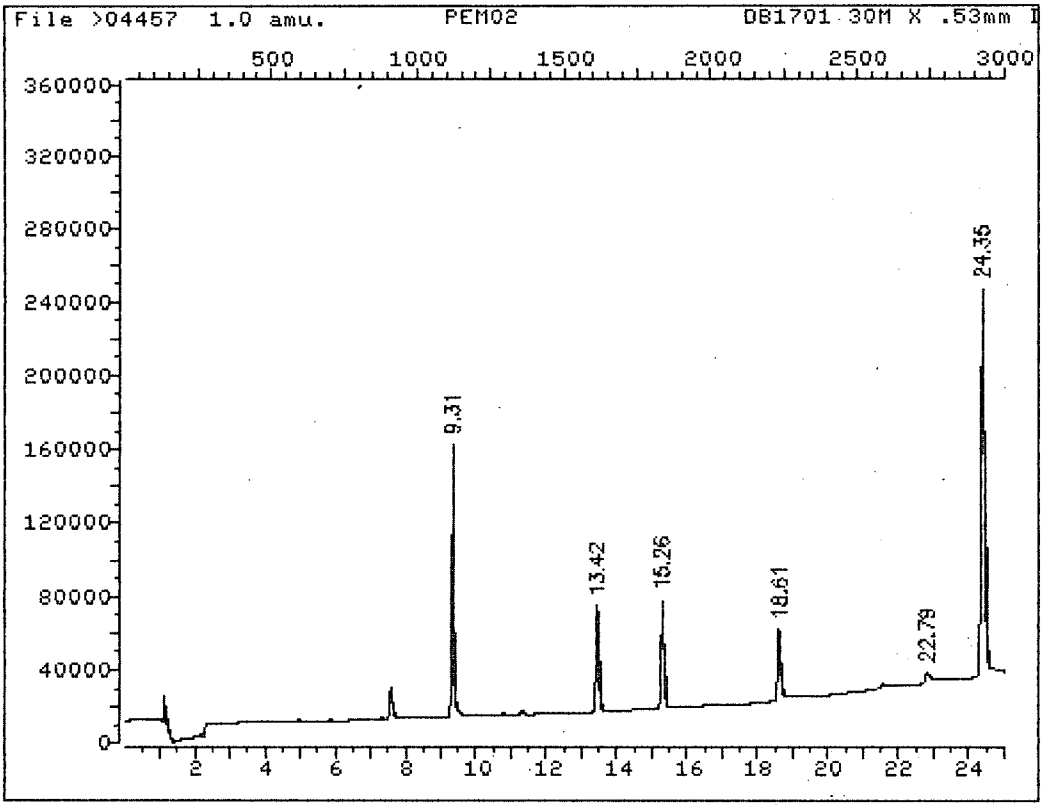
7/31/96



Data File: >04457::G4 Quant Output File: ^04457::GQ
Name: PEM02 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:47
Injected at: 960724 06:17

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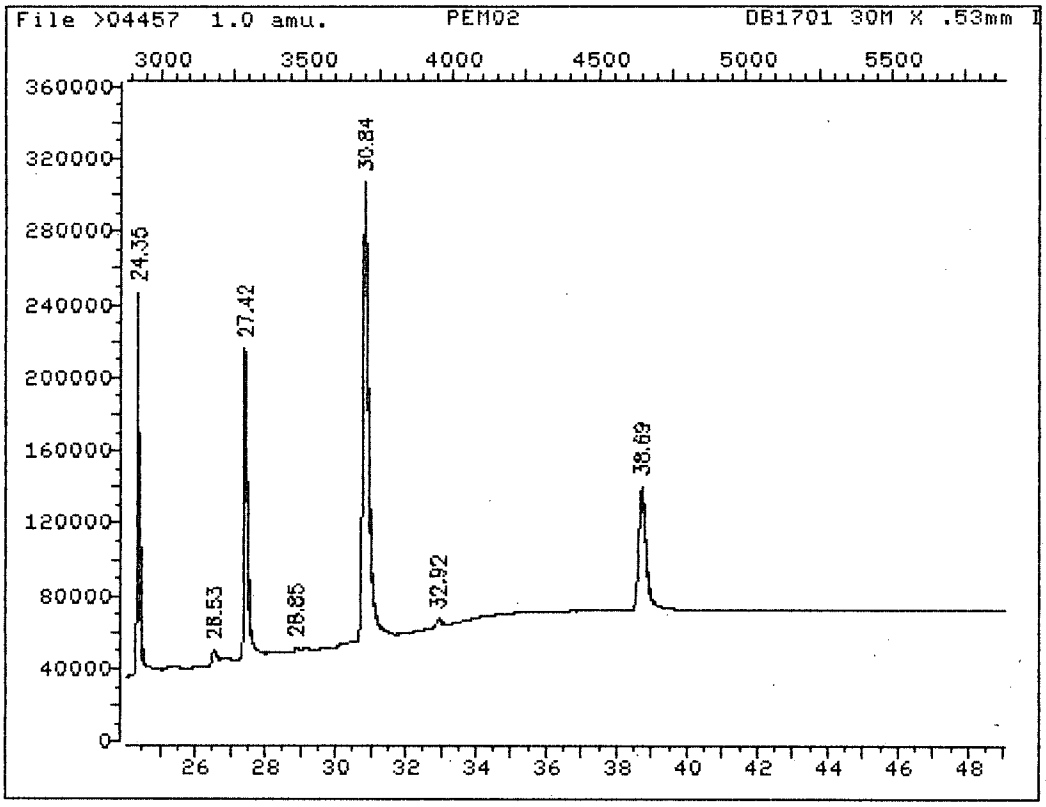

Data File: >04457::G4 Quant Output File: ^04457::GQ
Name: PEM02 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:47
Injected at: 960724 06:17

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 09:40
Output File: ^03481::GQ Injected at: 960725 04:15
Data File: >03481::G2 Dilution Factor: 1.00000
Name: PEM03 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	0.020	9.07	1089	2444556	19.00	ng/ml	100
2) #alpha-BHC	0.010	12.47	1496	1507672	9.94	ng/ml	100
3) #beta-BHC	0.010	14.78	1774	794678	9.39	ng/ml	100
5) #gamma-BHC (Lindane)	0.010 ~~0.000~~	14.36	1723	1339390	9.50	ng/ml	100
11) #4,4'-DDE	EP	22.83	2740	152977	1.60	ng/ml	100
12) #Endrin	0.050	24.82	2978	4213715	47.30	ng/ml	100
14) #4,4'-DDD		25.64	3076	164836	2.70	ng/ml	100
16) #4,4'-DDT	0.100	27.20	3264	6157902	89.57	ng/ml	100
17) #Methoxychlor	0.250	32.44	3893	8623760	219.26	ng/ml	100
19) #Decachlorobiphenyl	0.020	41.66	4999	2523184	21.18	ng/ml	100
30) #Endrin aldehyde		27.60	3312	216027	2.65	ng/ml	100

Compound uses ESTD

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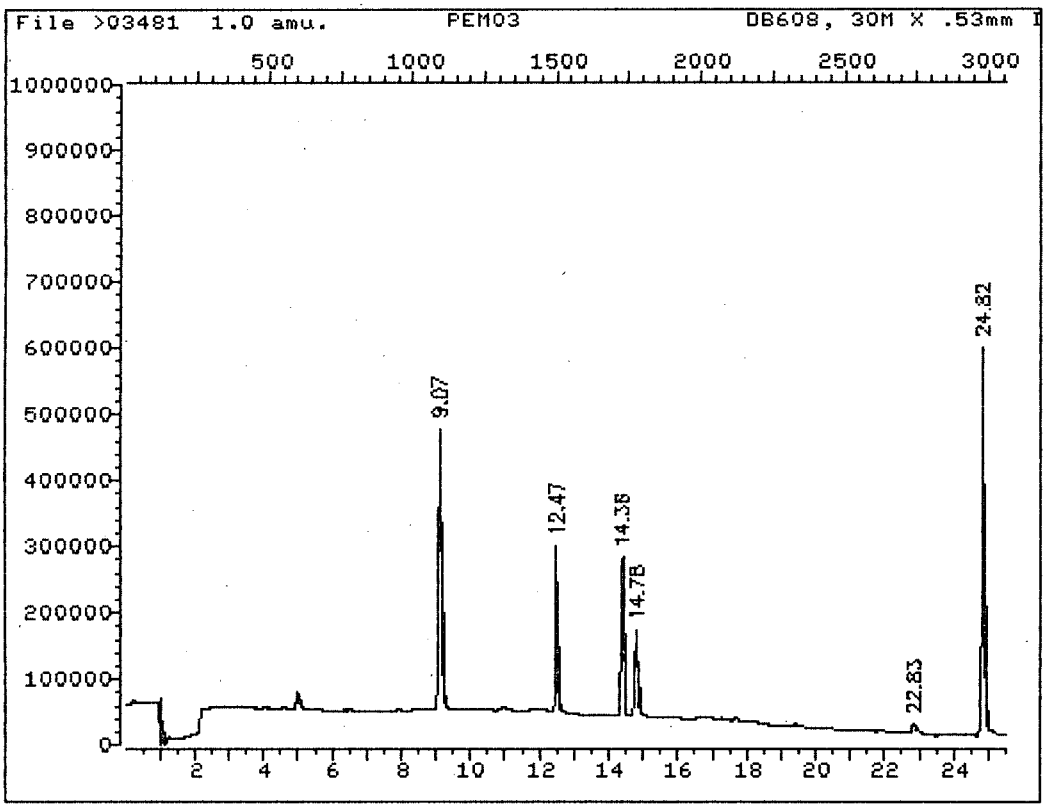
7/30/96



Data File: >03481::G2 Quant Output File: ^03481::GQ
Name: PEM03 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 09:40
Injected at: 960725 04:15

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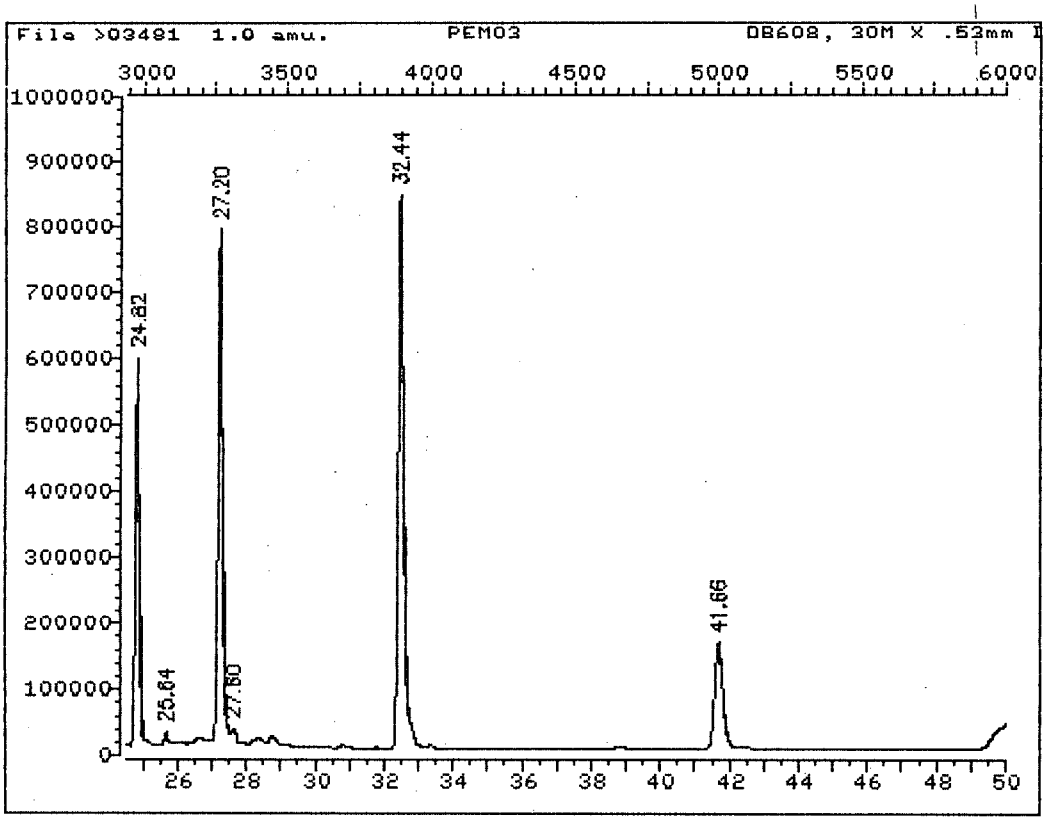

Data File: >03481::G2 Quant Output File: ^03481::GQ
Name: PEM03 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 09:40
Injected at: 960725 04:15

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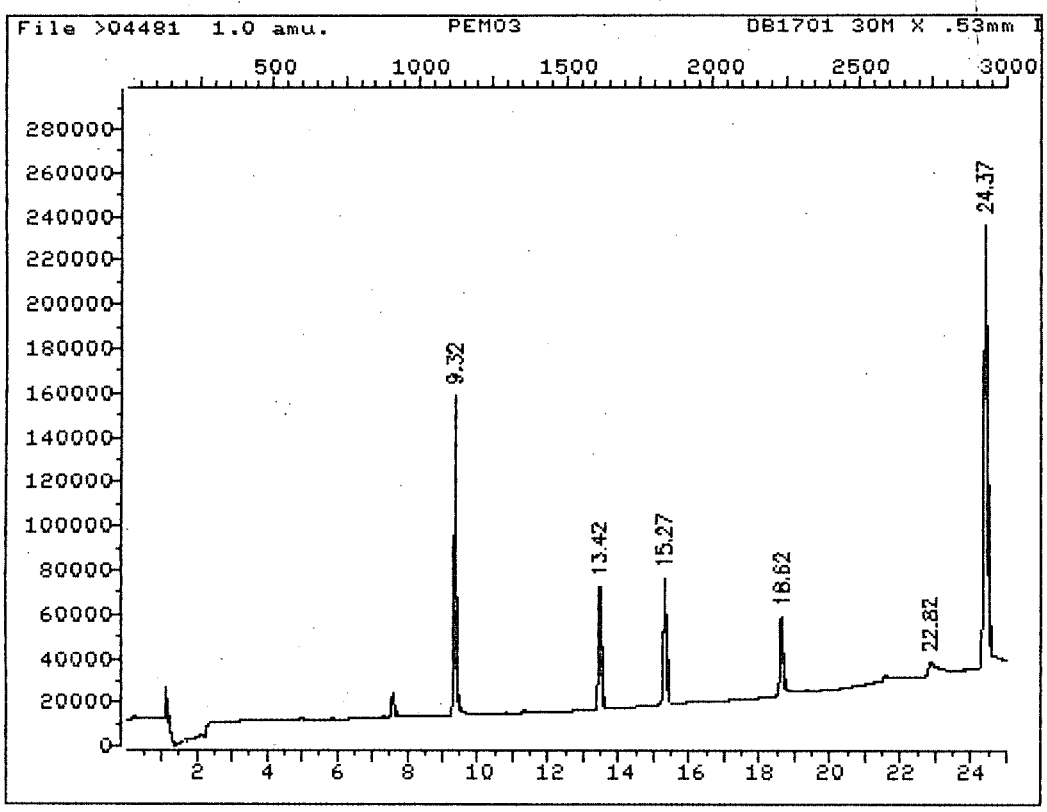
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 10:24
Output File: ^04481::GQ Injected at: 960725 04:15
Data File: >04481::G4 Dilution Factor: 1.00000
Name: PEM03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	825156	18.55	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	299468	9.07	ng/ml	100
3)	#beta-BHC	0.010	18.62	2234	229193	9.00	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1832	317343	9.06	ng/ml	100
11)	#4,4'-DDE		22.82	2738	144133	5.10	ng/ml	100
12)	#Endrin	0.050	24.37	2924	1470752	49.62	ng/ml	100
14)	#4,4'-DDD		26.54	3185	82669	4.37	ng/ml	100
16)	#4,4'-DDT	0.100	27.44	3292	1288449	75.96	ng/ml	100
17)	#Methoxychlor	0.250	30.86	3703	2518165M	194.01	ng/ml	100
18)	#Endrin ketone		32.94	3953	47327	1.43	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.73	4647	939750	19.99	ng/ml	100
30)	#Endrin aldehyde		28.86	3463	30170	.945	ng/ml	100

Compound uses ESTD

EPrui
7/30/96



Data File: >04481::G4 Quant Output File: ^04481::GQ
Name: PEM03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:24
Injected at: 960725 04:15

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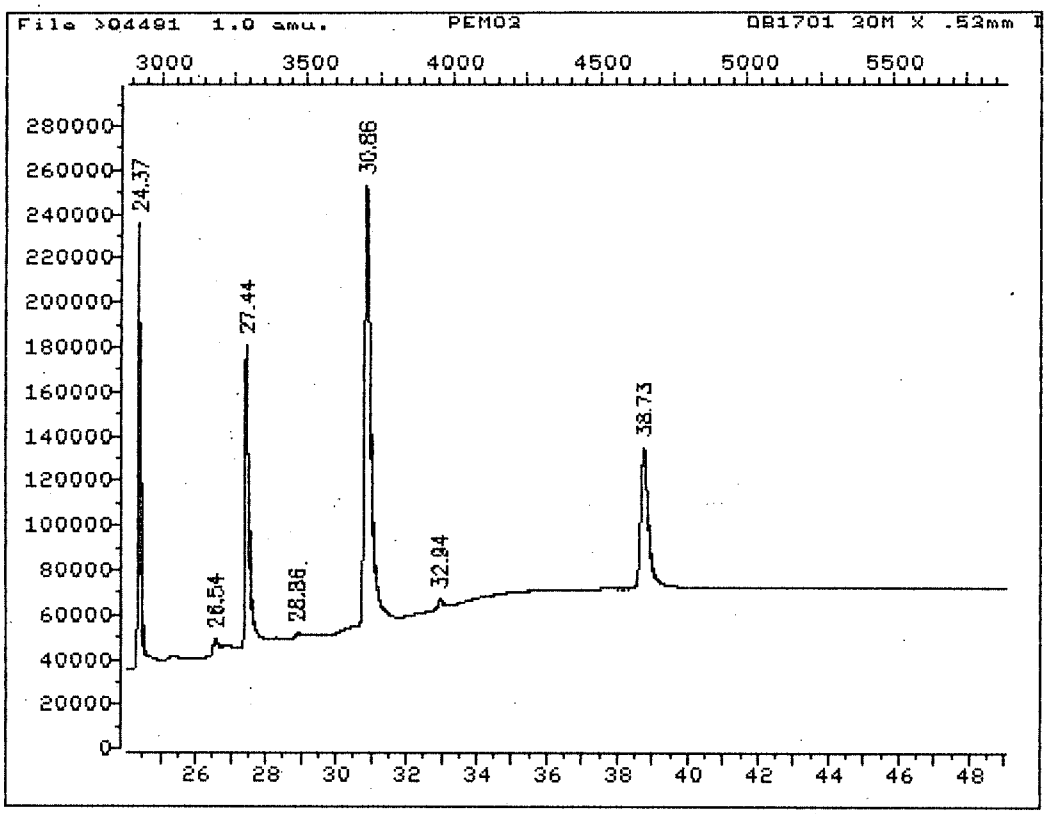

Data File: >04481::G4 Quant Output File: ^04481::GQ
Name: PEM03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:24
Injected at: 960725 04:15

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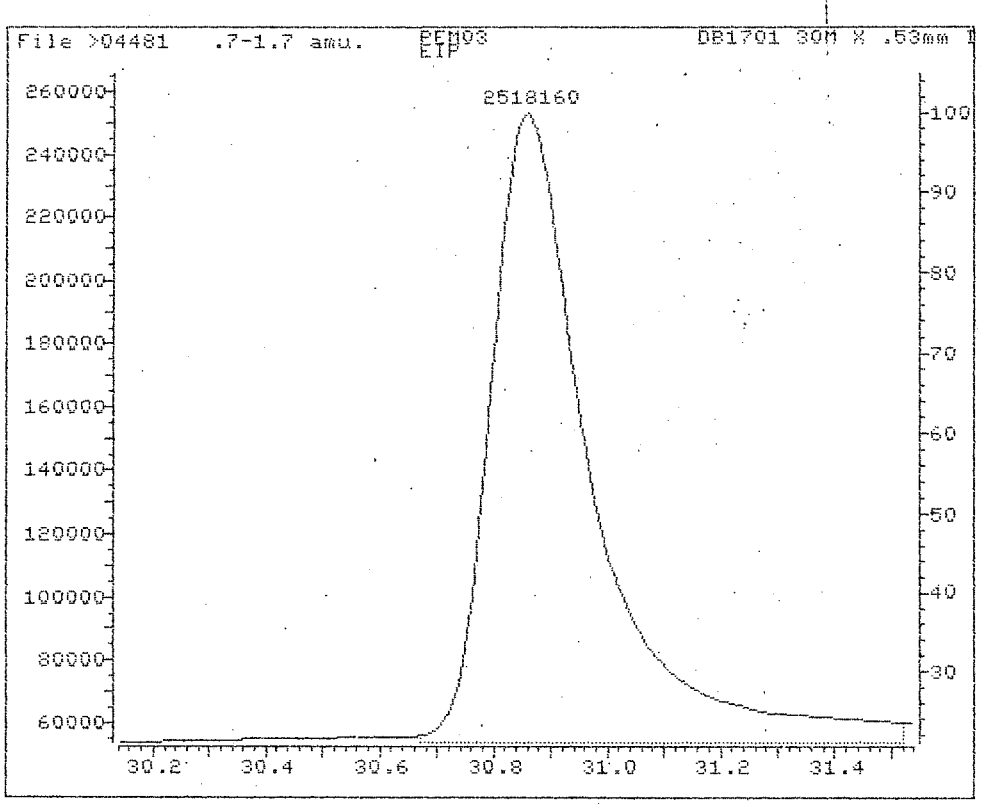


Data File: >04481::G4 Quant Output File: ^04481::GQ
Name: PEM03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ
Quant Time: 960730 10:24 Quant ID File: IDCAP2::SC
Injected at: 960725 04:15 Last Calibration: 941029 10:07

Compound No: 17
Compound Name: Methoxychlor
Scan Number: 3703
Retention Time: 30.86 min.
Quant Ion: 1.0
Area: 2518165M
Concentration: 194.01 ng/ml
q-value: 100

This report was produced by QAREA on: 960730 15:11

QUANT REPORT

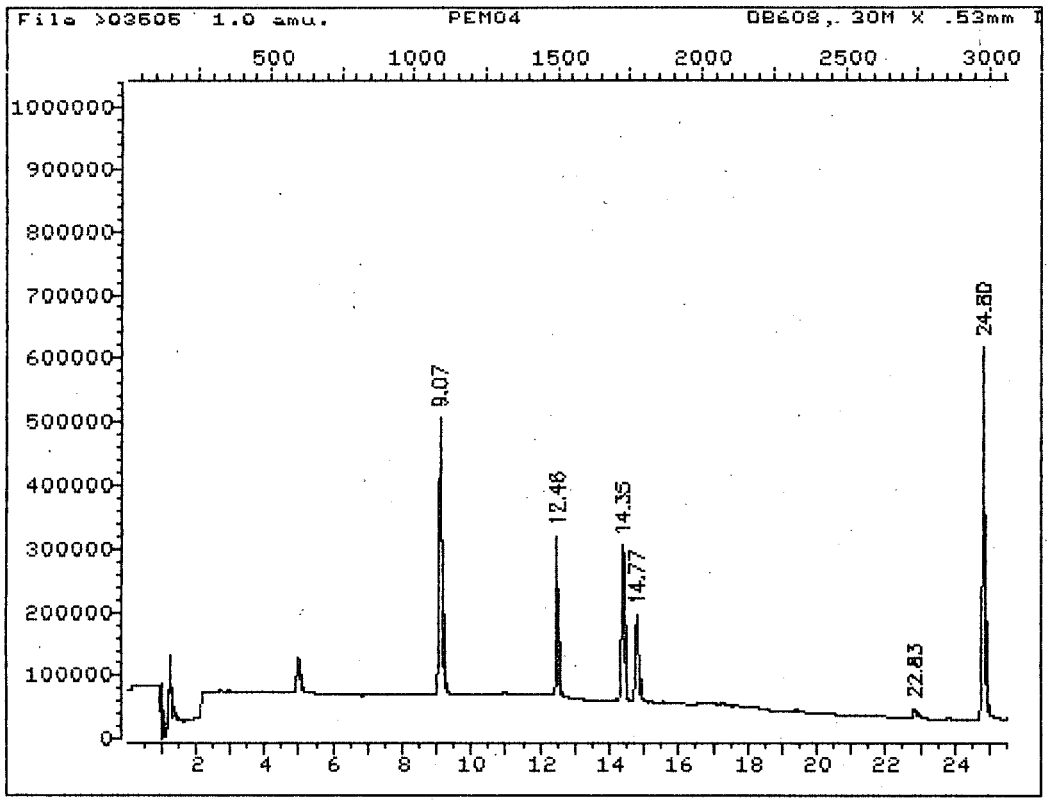
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:02
Output File: ^03505::GQ Injected at: 960726 02:15
Data File: >03505::G2 Dilution Factor: 1.00000
Name: PEM04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound		R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2507241	19.49	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1454367	9.59	ng/ml	100
3)	#beta-BHC	0.010	14.77	1773	817298	9.65	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1365836	9.69	ng/ml	100
11)	#4,4'-DDE		22.83	2740	143778	1.50	ng/ml	100
12)	#Endrin	0.050	24.80	2976	4264780	47.87	ng/ml	100
14)	#4,4'-DDD		25.62	3074	118684	1.94	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3263	6414577	93.30	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3892	8875480	225.66	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.64	4997	2567454	21.55	ng/ml	100
30)	#Endrin aldehyde		27.59	3310	221826	2.72	ng/ml	100

Compound uses ESTD

EPui
7/31/96



Data File: >03505::G2 Quant Output File: ^03505::GQ
Name: PEM04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:02
Injected at: 960726 02:15

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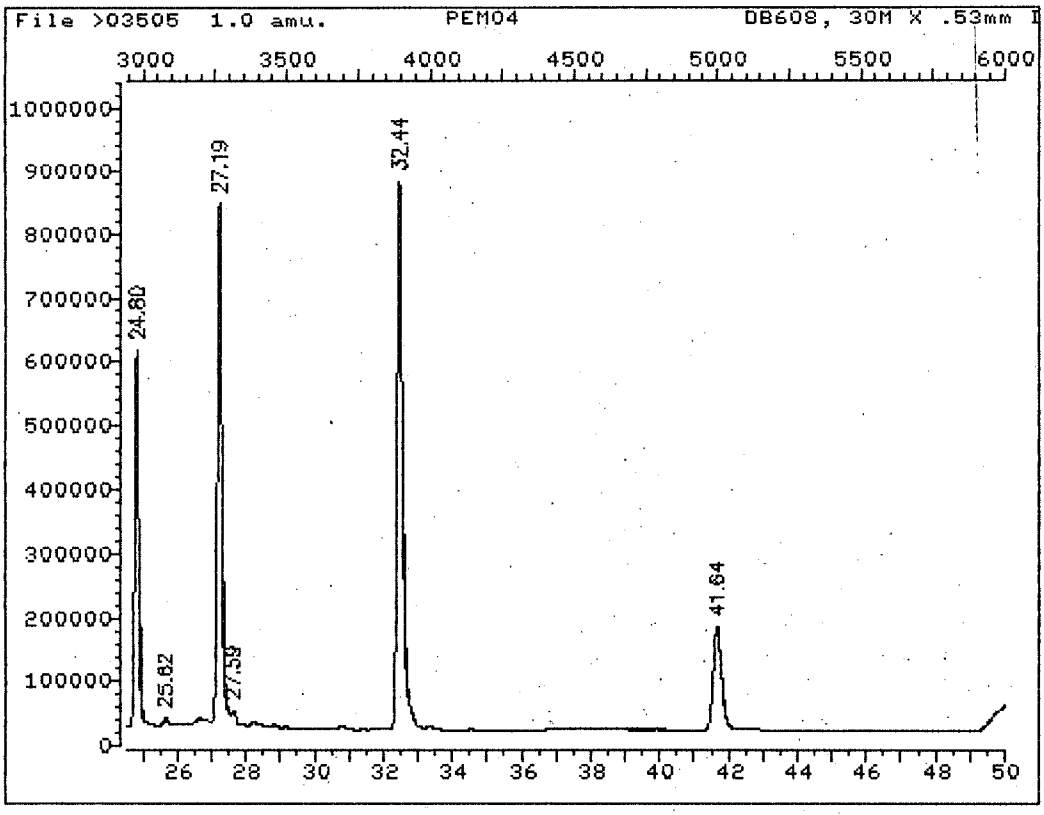

Data File: >03505::G2 Quant Output File: ^03505::GQ
Name: PEM04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:02
Injected at: 960726 02:15

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QUANT REPORT

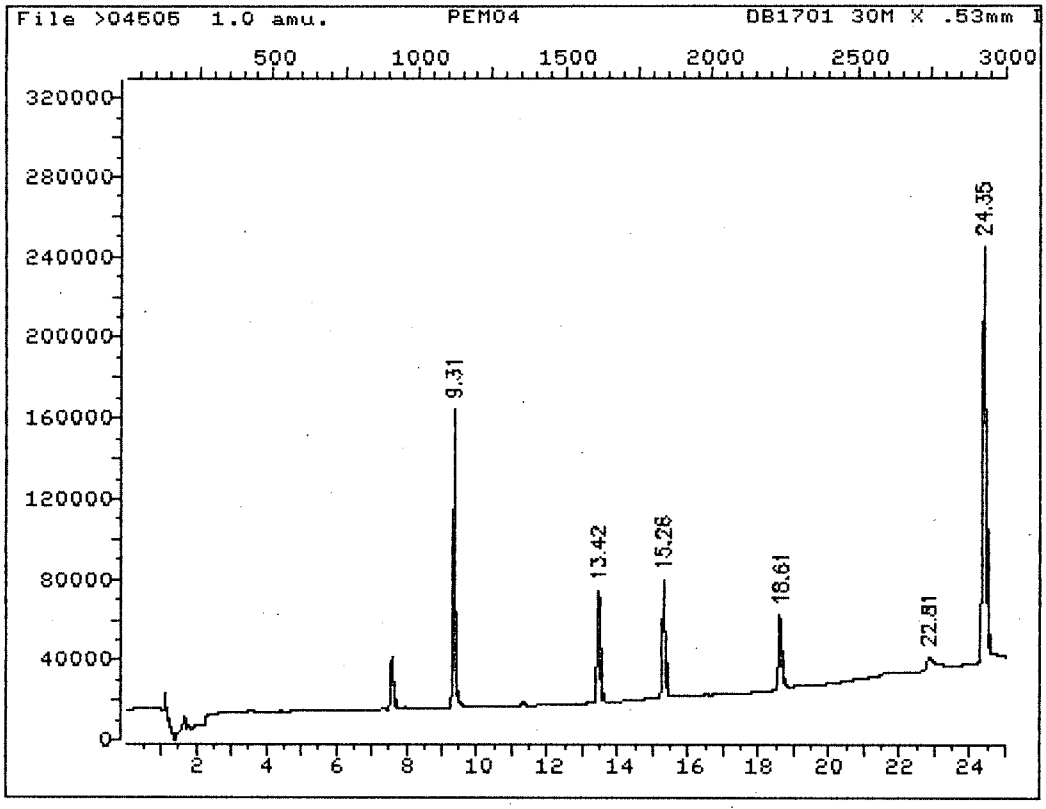
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:34
Output File: ^04505::GQ Injected at: 960726 02:16
Data File: >04505::G4 Dilution Factor: 1.00000
Name: PEM04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	834247	18.75	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	300324	9.09	ng/ml	100
3)	#beta-BHC	0.010	18.61	2233	221301	8.69	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.26	1831	319740	9.12	ng/ml	100
11)	#4,4'-DDE		22.81	2737	137408	4.86	ng/ml	100
12)	#Endrin	0.050	24.35	2922	1501257	50.65	ng/ml	100
14)	#4,4'-DDD		26.54	3184	68805	3.64	ng/ml	100
16)	#4,4'-DDT	0.100	27.43	3291	1564153	92.21	ng/ml	100
17)	#Methoxychlor	0.250	30.85	3702	2821492	217.38	ng/ml	100
18)	#Endrin ketone		32.92	3950	40709	1.23	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.71	4645	958375	20.38	ng/ml	100
30)	#Endrin aldehyde		28.86	3463	32678	1.02	ng/ml	100

Compound uses ESTD

EPrai
7/31/96



Data File: >04505::G4 Quant Output File: ^04505::GQ
Name: PEM04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:34
Injected at: 960726 02:16

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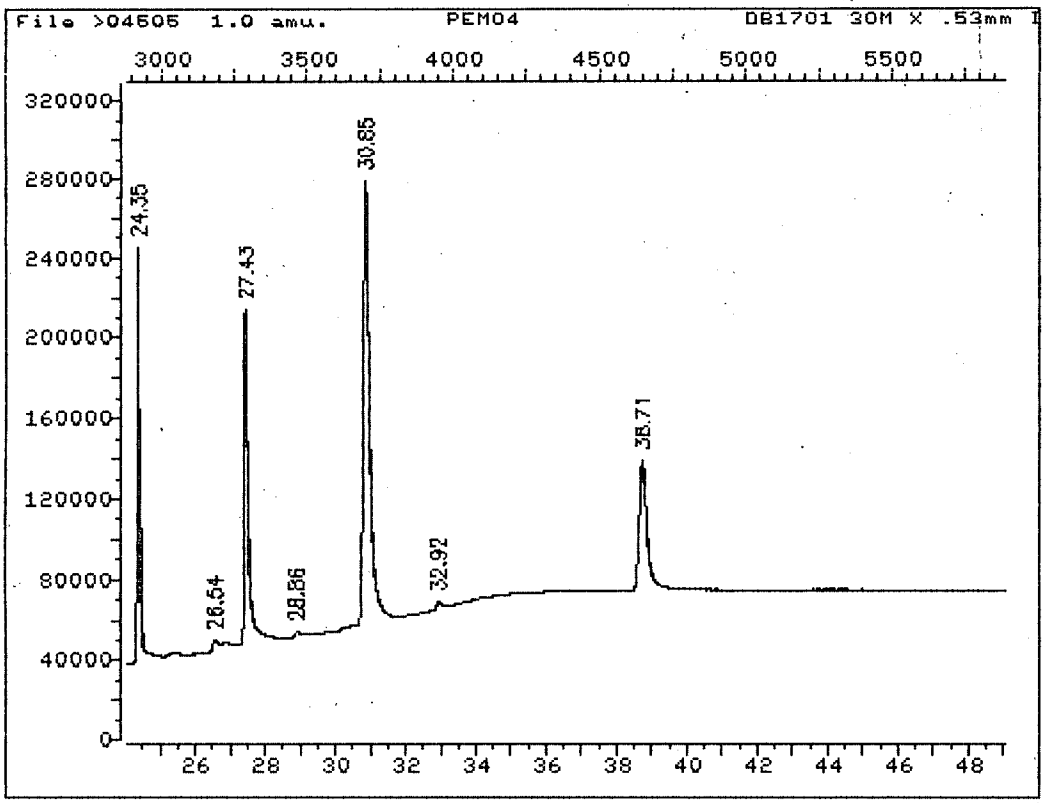

Data File: >04505::G4 Quant Output File: ^04505::GQ
Name: PEM04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:34
Injected at: 960726 02:16

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QUANT REPORT

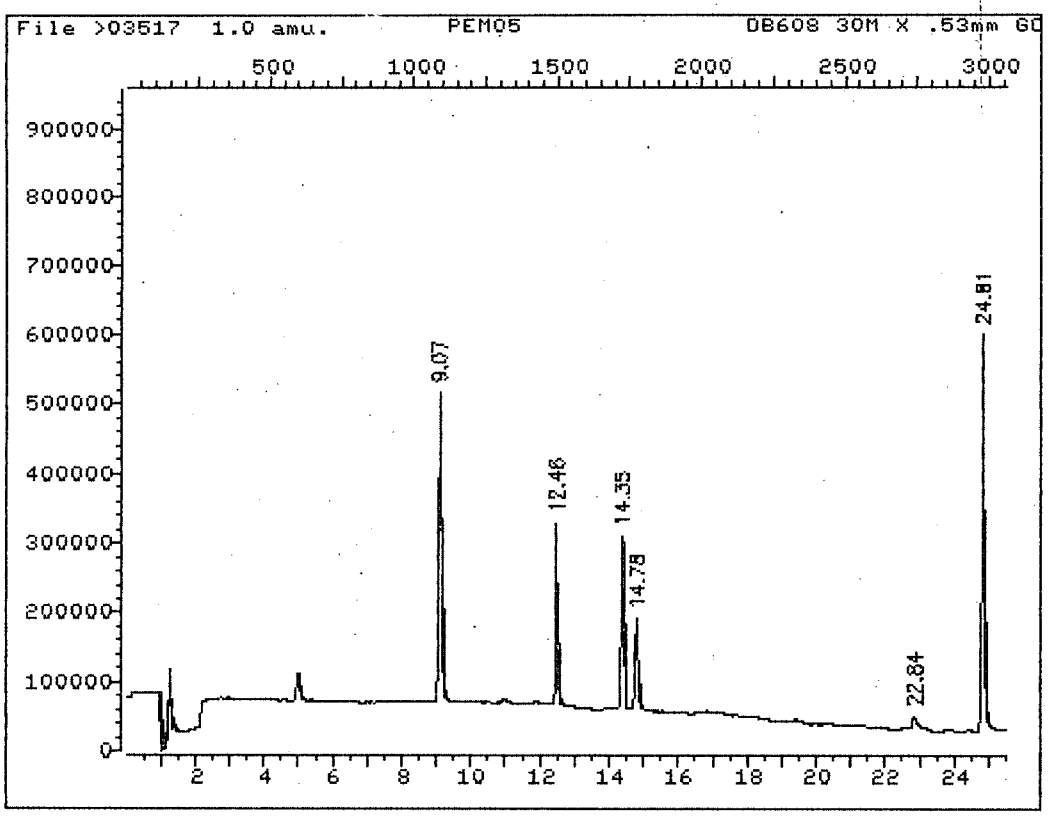
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960726 19:06
Output File: ^03517::GQ Injected at: 960726 13:16
Data File: >03517::G2 Dilution Factor: 1.00000
Name: PEM05 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1 ul inj

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2546419	19.79	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1561405	10.30	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	800907	9.46	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1379097	9.79	ng/ml	100
11)	#4,4'-DDE		22.84	2741	152747	1.60	ng/ml	100
12)	#Endrin	0.050	24.81	2977	4123075	46.28	ng/ml	100
14)	#4,4'-DDD		25.64	3076	115087	1.88	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3263	6218066	90.44	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3893	8545722	217.28	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.65	4998	2591171	21.75	ng/ml	100
30)	#Endrin aldehyde		27.59	3311	354938	4.35	ng/ml	100

Compound uses ESTD

EPui
7/31/96



Data File: >03517::G2 Quant Output File: ^03517::GQ
Name: PEM05 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1 ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960726 19:06
Injected at: 960726 13:16

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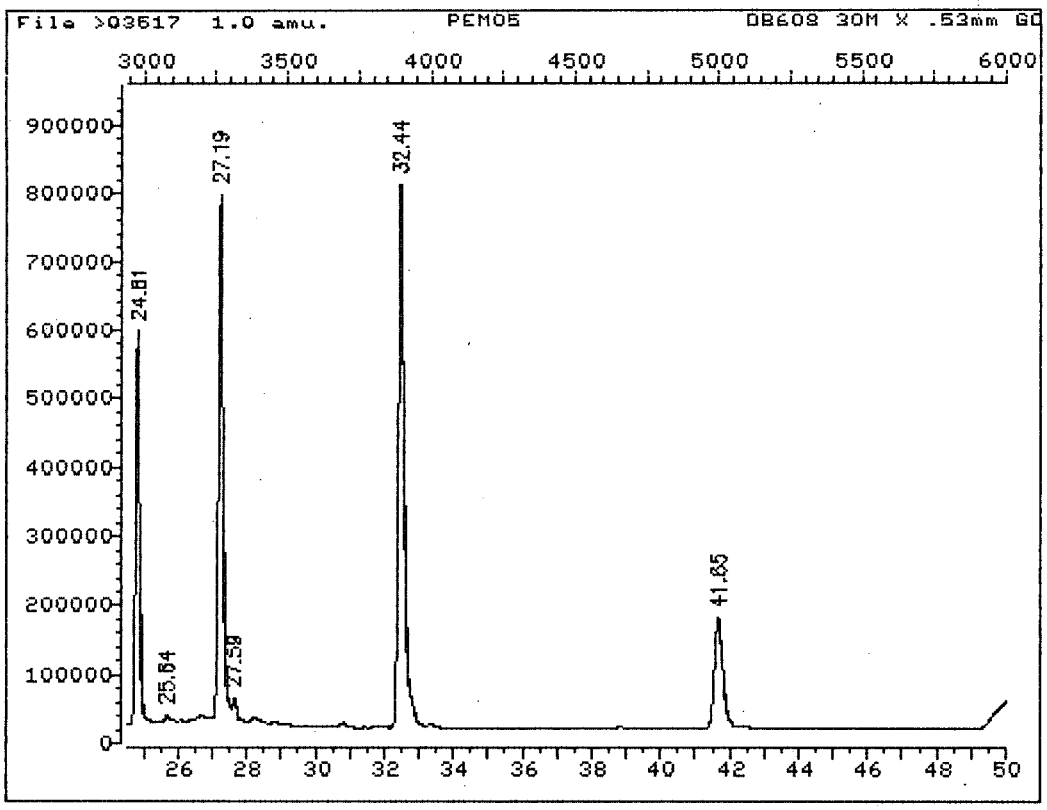

Data File: >03517::G2 Quant Output File: ^03517::GQ
Name: PEM05 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1 ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960726 19:06
Injected at: 960726 13:16

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QUANT REPORT

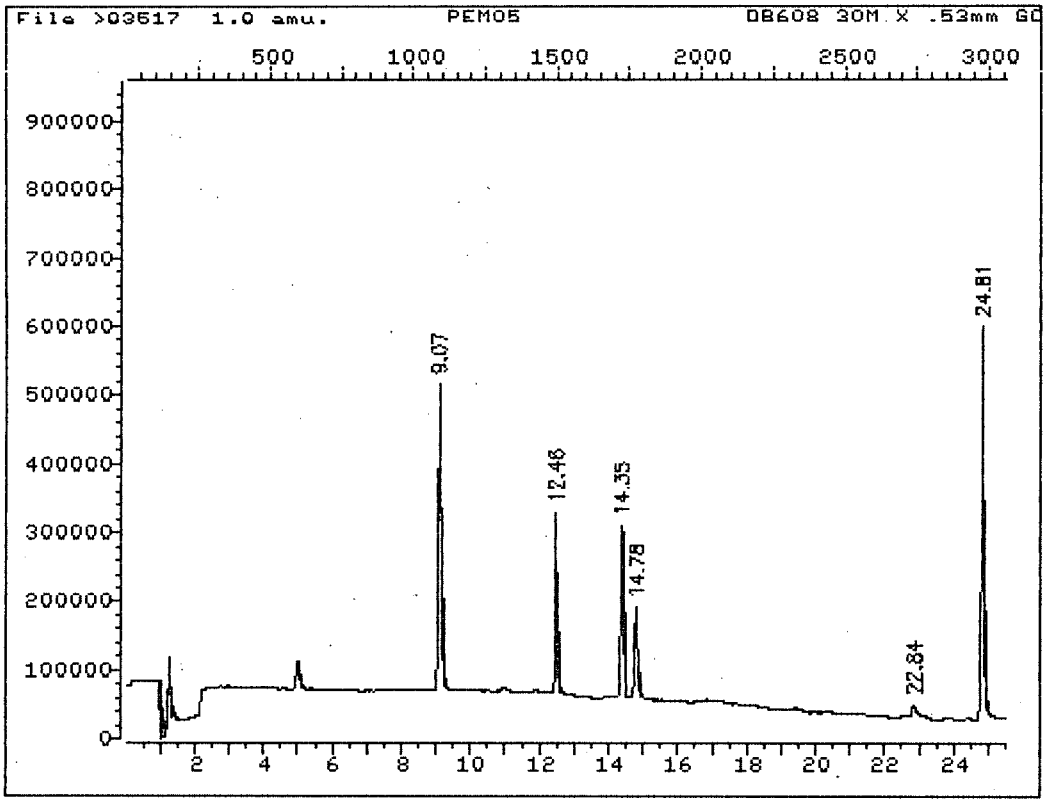
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960726 19:06
Output File: ^03517::GQ Injected at: 960726 13:16
Data File: >03517::G2 Dilution Factor: 1.00000
Name: PEM05 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1 ul inj

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2546419	19.79	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1561405	10.30	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	800907	9.46	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1379097	9.79	ng/ml	100
11)	#4,4'-DDE		22.84	2741	152747	1.60	ng/ml	100
12)	#Endrin	0.050	24.81	2977	4123075	46.28	ng/ml	100
14)	#4,4'-DDD		25.64	3076	115087	1.88	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3263	6218066	90.44	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3893	8545722	217.28	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.65	4998	2591171	21.75	ng/ml	100
30)	#Endrin aldehyde		27.59	3311	354938	4.35	ng/ml	100

Compound uses ESTD

EPui
7/31/96



Data File: >03517::G2 Quant Output File: ^03517::GQ
Name: PEM05 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1 ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960726 19:06
Injected at: 960726 13:16

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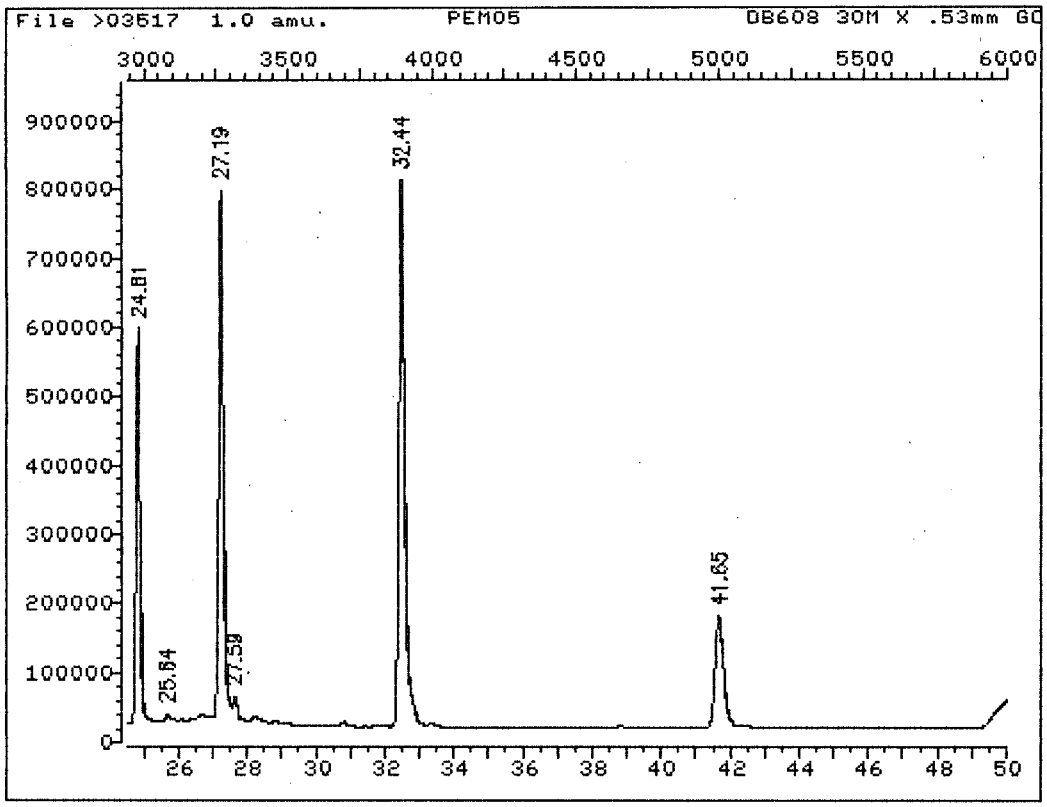

Data File: >03517::G2 Quant Output File: ^03517::GQ
Name: PEM05 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1 ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960726 19:06
Injected at: 960726 13:16

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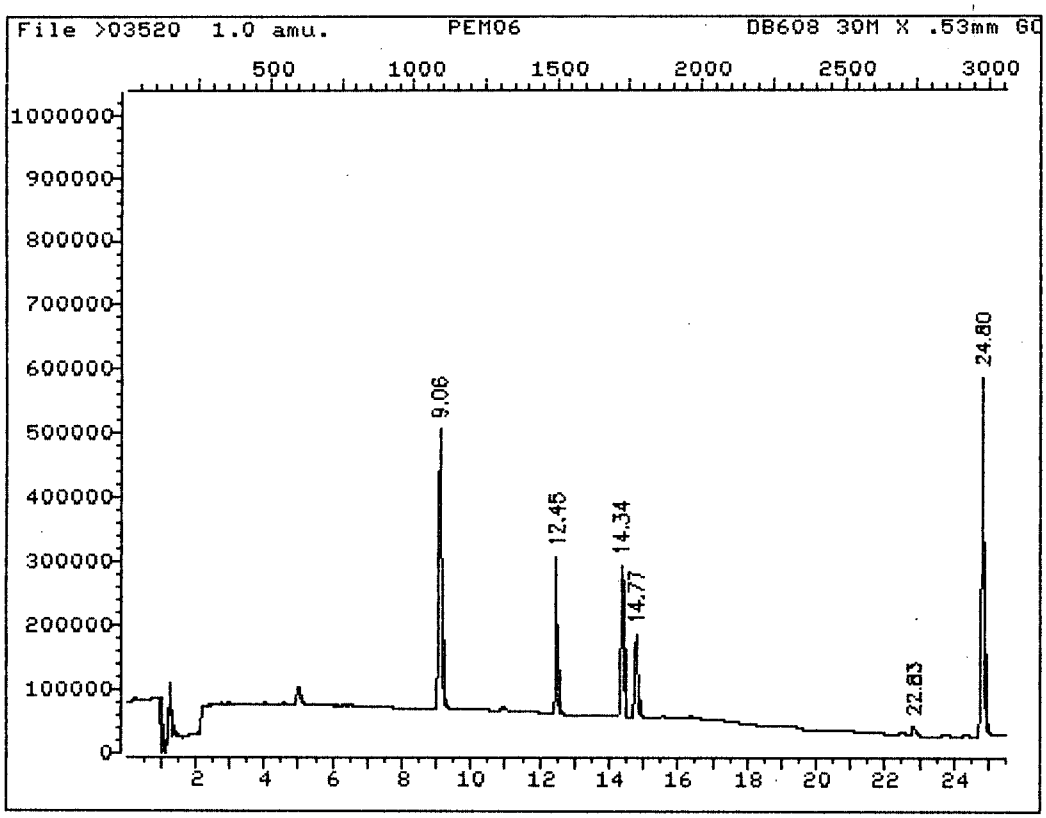
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960727 13:53
Output File: ^03520::GQ Injected at: 960727 13:00
Data File: >03520::G2 Dilution Factor: 1.00000
Name: PEM06 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.820	9.06	1087	2502968	19.45	ng/ml	100
2)	#alpha-BHC	0.010	12.45	1494	1369840	9.03	ng/ml	100
3)	#beta-BHC	0.010	14.77	1773	758052	8.95	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.34	1721	1331214	9.45	ng/ml	100
11)	#4,4'-DDE	0	22.83	2739	192099	2.01	ng/ml	100
12)	#Endrin	0.050	24.80	2976	4080078	45.80	ng/ml	100
14)	#4,4'-DDD		25.62	3074	88408	1.45	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3262	6502723	94.59	ng/ml	100
17)	#Methoxychlor	0.250	32.43	3891	8949954	227.56	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4996	2556588	21.46	ng/ml	100
30)	#Endrin aldehyde		27.59	3311	349669	4.29	ng/ml	100

Compound uses ESTD

E Price
8/8/96



Data File: >03520::G2 Quant Output File: ^03520::GQ
Name: PEM06 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 13:53
Injected at: 960727 13:00

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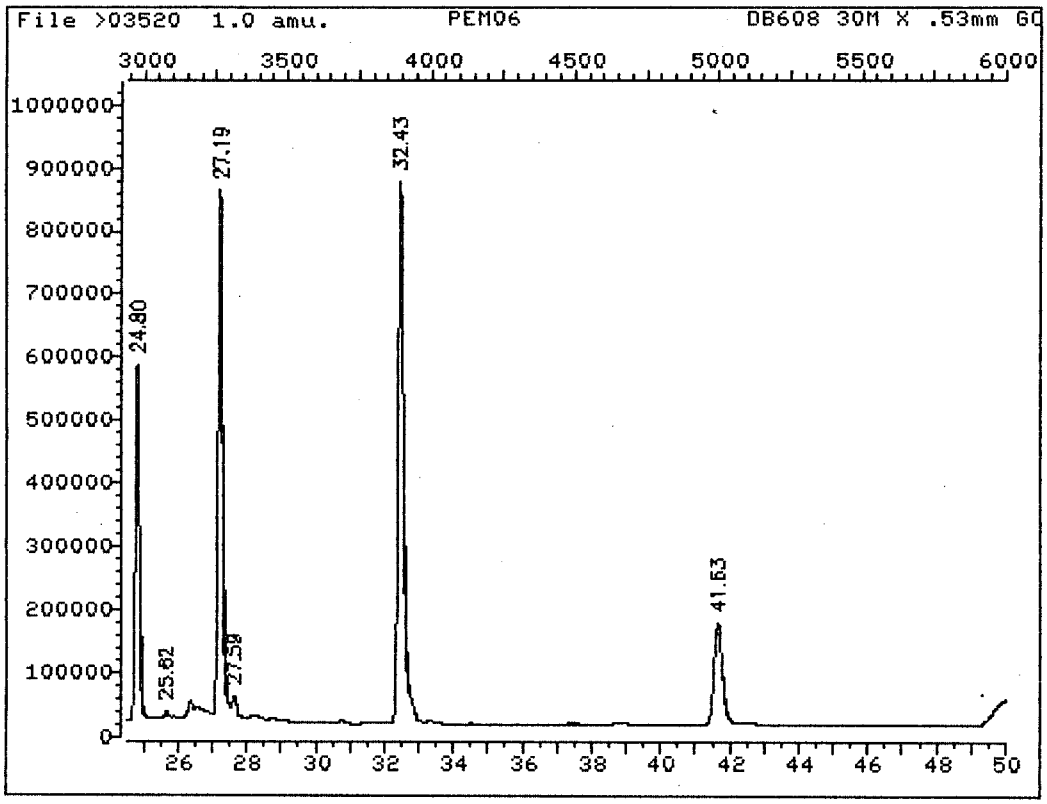

Data File: >03520::G2 Quant Output File: ^03520::GQ
Name: PEM06 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 13:53
Injected at: 960727 13:00

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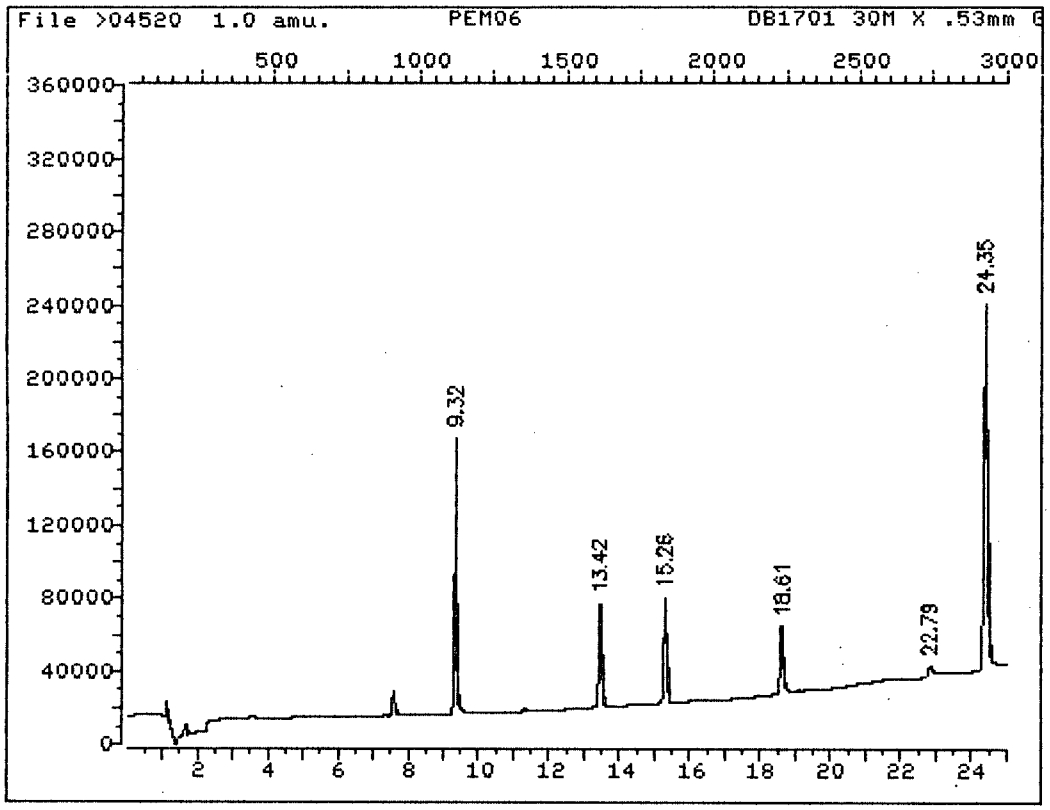
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960727 13:51
Output File: ^04520::GQ Injected at: 960727 13:00
Data File: >04520::G5 Dilution Factor: 1.00000
Name: PEM06 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	851904	19.15	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	297431	9.01	ng/ml	100
3)	#beta-BHC	0.010	18.61	2233	293659	11.53	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.26	1831	313335	8.94	ng/ml	100
11)	#4,4'-DDE		22.79	2735	83245	2.94	ng/ml	100
12)	#Endrin	0.050	24.35	2922	1432579	48.33	ng/ml	100
14)	#4,4'-DDD		26.53	3183	74007	3.91	ng/ml	100
16)	#4,4'-DDT	0.100	27.42	3290	1824021	107.53	ng/ml	100
17)	#Methoxychlor	0.250	30.84	3700	2980411	229.62	ng/ml	100
18)	#Endrin ketone		32.92	3950	141413	4.28	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.70	4644	940101	19.99	ng/ml	100
30)	#Endrin aldehyde		28.85	3462	61213	1.92	ng/ml	100

Compound uses ESTD

EPuci
8/8/96



Data File: >04520::G5 Quant Output File: ^04520::GQ
Name: PEM06 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 13:51
Injected at: 960727 13:00

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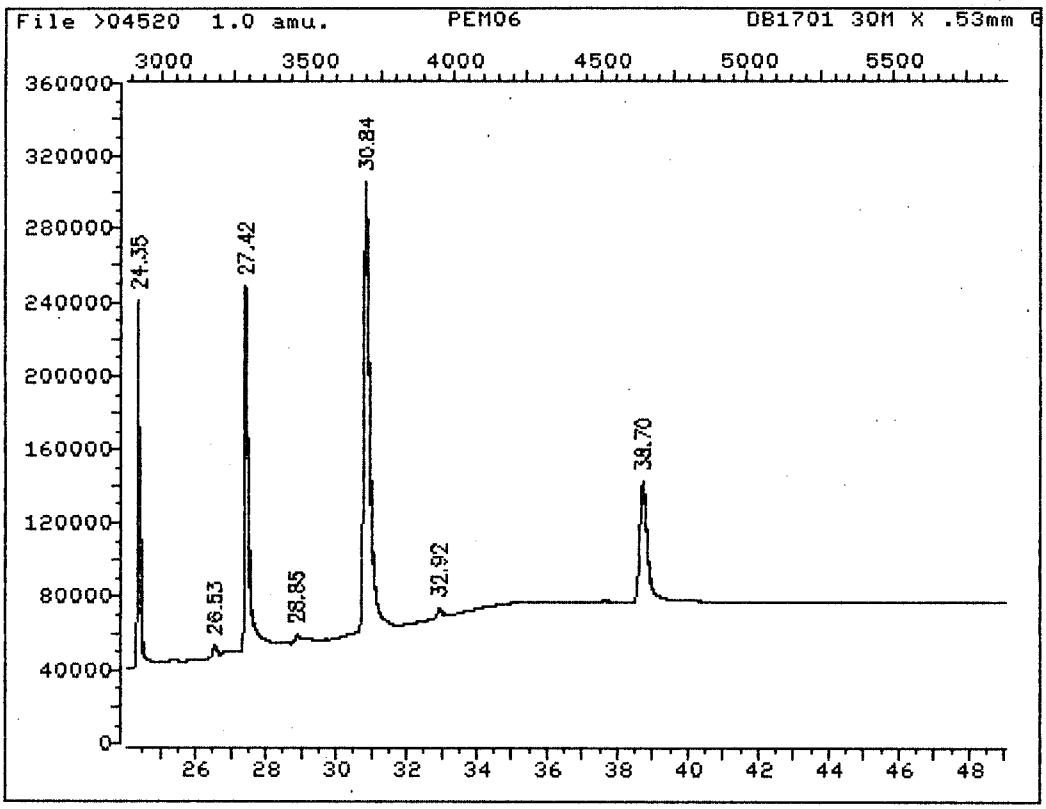

Data File: >04520::G5 Quant Output File: ^04520::GQ
Name: PEM06 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 13:51
Injected at: 960727 13:00

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QUANT REPORT

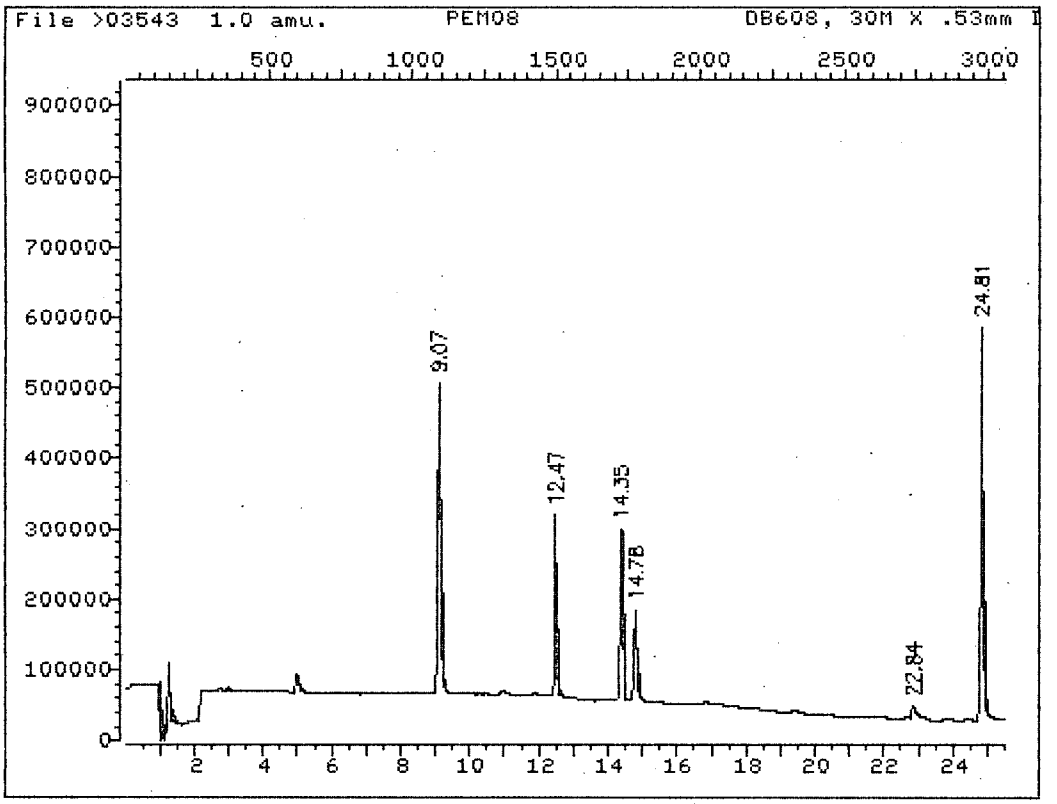
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960728 10:51
Output File: ^03543::GQ Injected at: 960728 09:58
Data File: >03543::G2 Dilution Factor: 1.00000
Name: PEM0807 EP Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2524076	19.62	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1496	1463070	9.65	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	789308	9.32	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1352444	9.60	ng/ml	100
11)	#4,4'-DDE		22.84	2741	142629	1.49	ng/ml	100
12)	#Endrin	0.050	24.81	2977	4070495	45.69	ng/ml	100
14)	#4,4'-DDD		25.64	3077	120929	1.98	ng/ml	100
16)	#4,4'-DDT	0.100	27.20	3264	6144524	89.37	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3893	8469434	215.34	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.66	4999	2538999	21.31	ng/ml	100
30)	#Endrin aldehyde		27.60	3312	332221	4.08	ng/ml	100

Compound uses ESTD

EPuc
8/8/96



Data File: >03543::G2 Quant Output File: ^03543::GQ
Name: PEM~~08~~07 ep Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 10:51
Injected at: 960728 09:58

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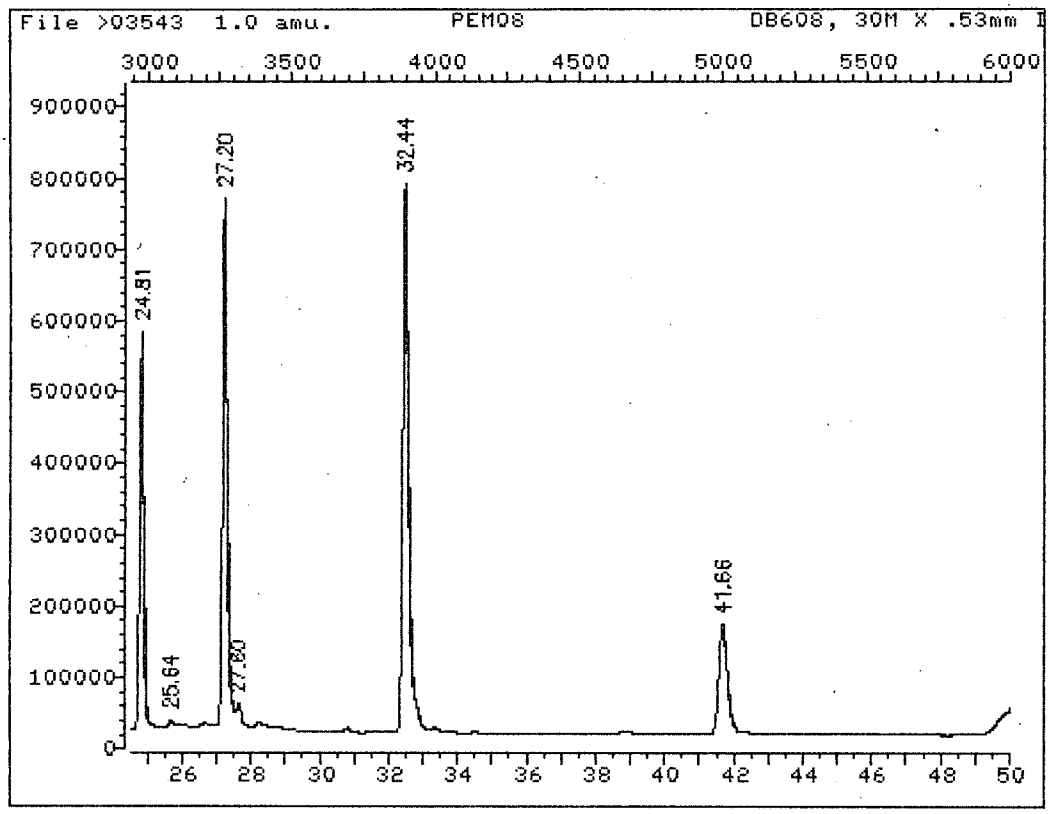

Data File: >03543::G2 Quant Output File: ^03543::GQ
Name: PEM~~08~~07 ℓ0 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 10:51
Injected at: 960728 09:58

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QUANT REPORT

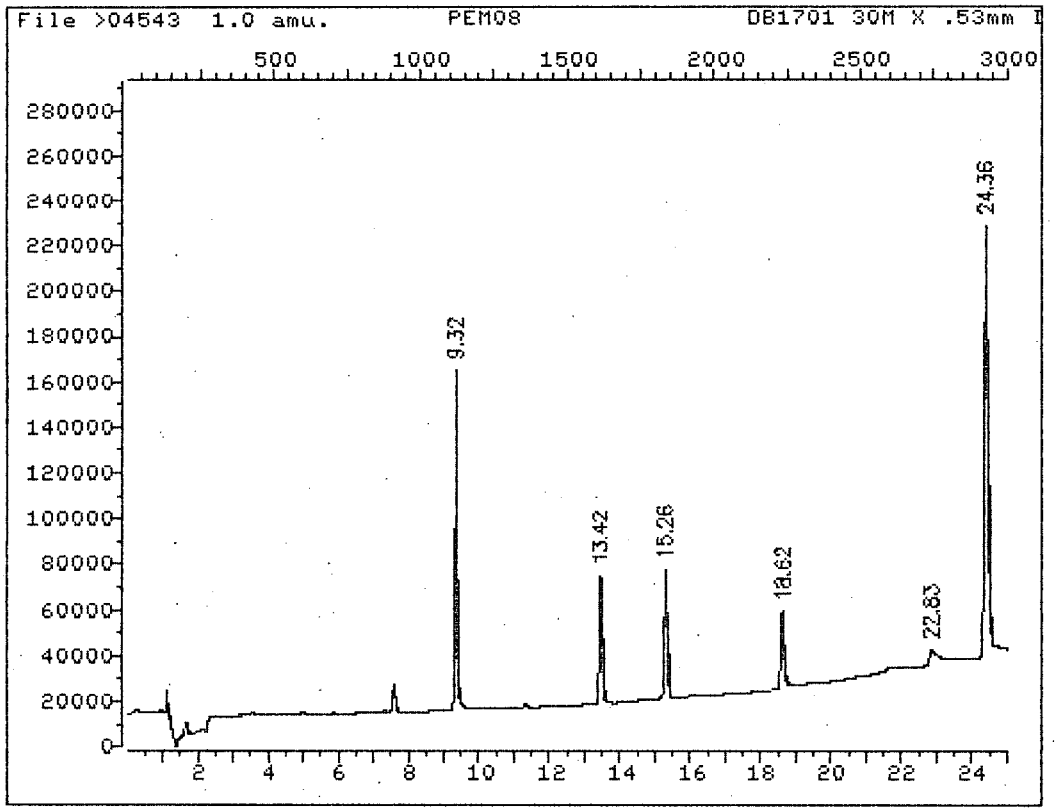
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960728 10:49
Output File: ^04543::GQ Injected at: 960728 09:58
Data File: >04543::G5 Dilution Factor: 1.00000
Name: PEM~~08~~07 EP Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	833836	18.74	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	296168	8.97	ng/ml	100
3)	#beta-BHC	0.010	18.62	2234	214285	8.42	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.26	1831	311640	8.89	ng/ml	100
11)	#4,4'-DDE		22.83	2739	142101	5.03	ng/ml	100
12)	#Endrin	0.050	24.36	2923	1414522	47.73	ng/ml	100
14)	#4,4'-DDD		26.56	3187	74512	3.94	ng/ml	100
16)	#4,4'-DDT	0.100	27.44	3292	1390903	82.00	ng/ml	100
17)	#Methoxychlor	0.250	30.87	3704	2638205	203.26	ng/ml	100
18)	#Endrin ketone		32.93	3951	54048	1.64	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.73	4647	941323	20.02	ng/ml	100
30)	#Endrin aldehyde		28.87	3464	59955	1.88	ng/ml	100

Compound uses ESTD

EPrice
8/8/96



Data File: >04543::G5 Quant Output File: ^04543::GQ
Name: PEM~~08~~07ep Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 10:49
Injected at: 960728 09:58

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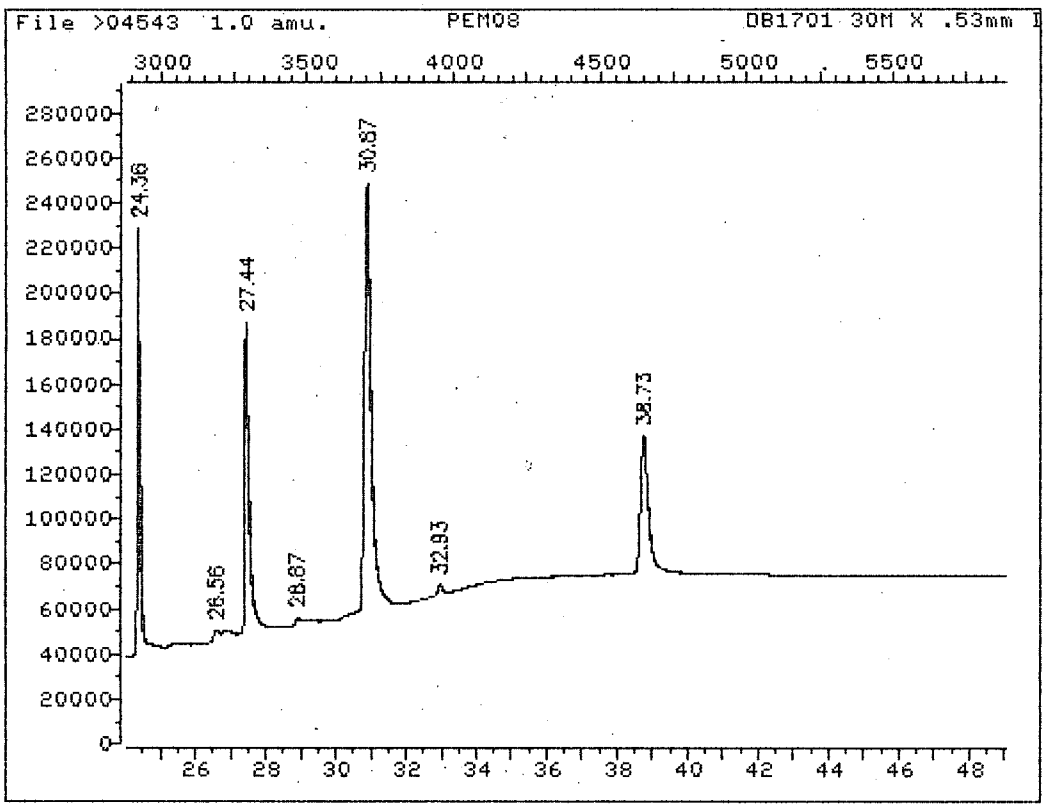

Data File: >04543::G5 Quant Output File: ^04543::GQ
Name: PEM~~08~~07e0 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 10:49
Injected at: 960728 09:58

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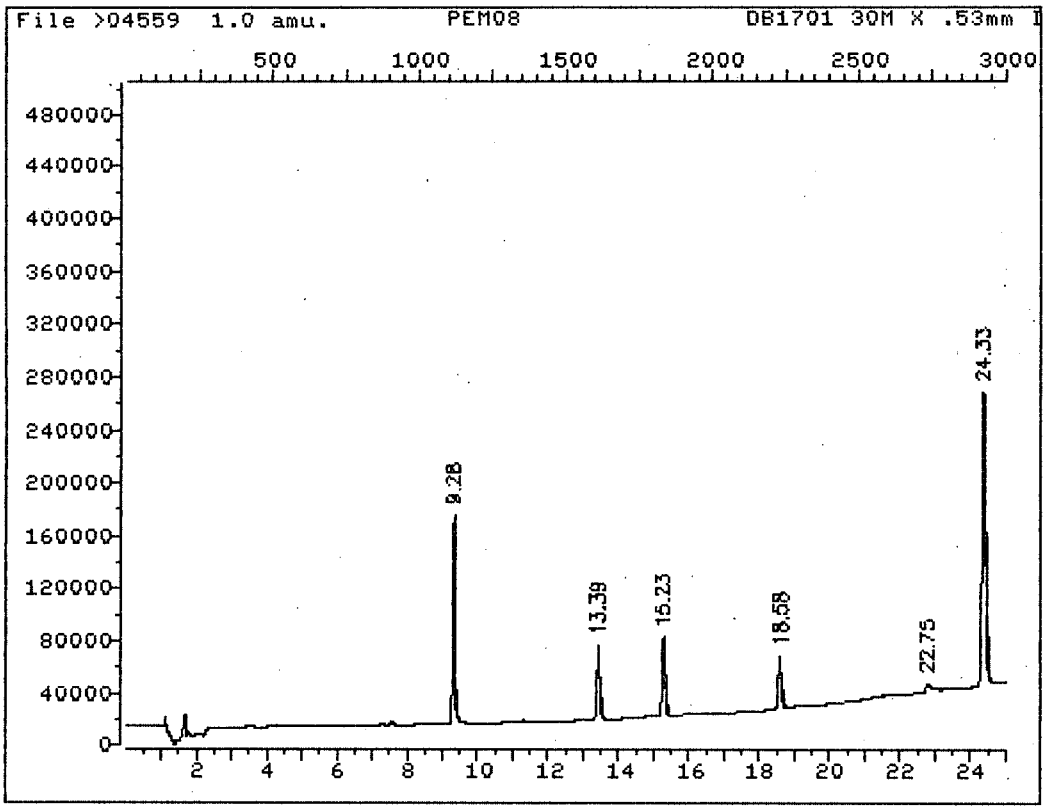
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960814 14:26
Output File: ^04559::QT Injected at: 960729 17:57
Data File: >04559::G5 Dilution Factor: 1.00000
Name: PEM08 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.28	1114	884916	19.89	ng/ml	100
2)	#alpha-BHC	0.010	13.39	1607	302105	9.15	ng/ml	100
3)	#beta-BHC	0.010	18.58	2230	231610	9.10	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.23	1828	316571	9.03	ng/ml	100
11)	#4,4'-DDE		22.75	2730	124612	4.41	ng/ml	100
12)	#Endrin	0.050	24.33	2919	1482841	50.03	ng/ml	100
14)	#4,4'-DDD		26.49	3179	47739	2.52	ng/ml	100
16)	#4,4'-DDT	0.100	27.39	3286	1896879M	111.83	ng/ml	100
17)	#Methoxychlor	0.250	30.80	3696	3594364	276.92	ng/ml	100
18)	#Endrin ketone		32.89	3946	101036	3.06	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.65	4638	965786	20.54	ng/ml	100
30)	#Endrin aldehyde		28.82	3458	20684	.648	ng/ml	100

Compound uses ESTD

EPma
8/14/96



Data File: >04559::G5 Quant Output File: ^04559::QT
Name: PEM08 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960814 14:26
Injected at: 960729 17:57

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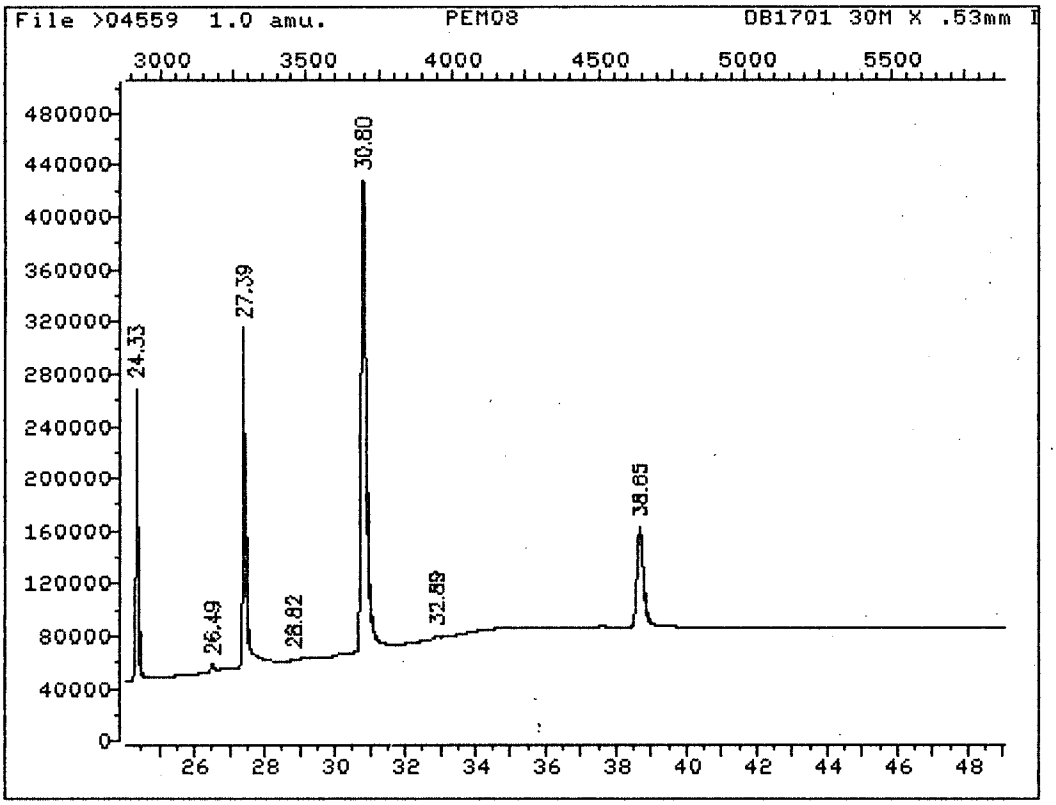

Data File: >04559::G5 Quant Output File: ^04559::QT
Name: PEM08 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960814 14:26
Injected at: 960729 17:57

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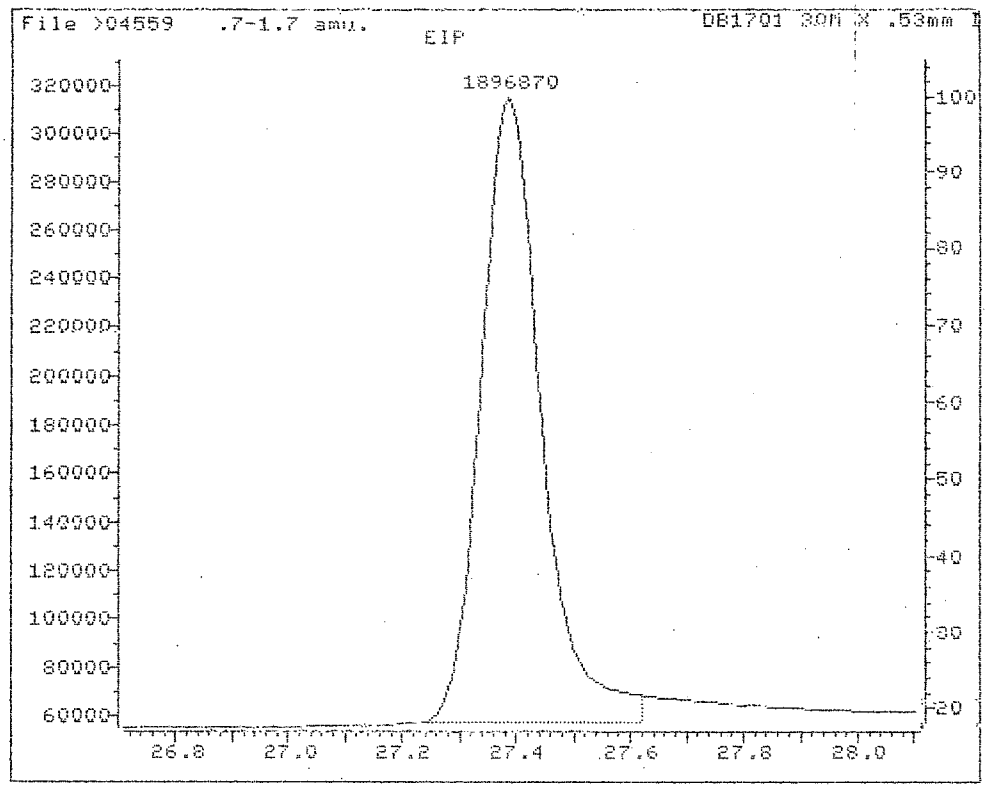
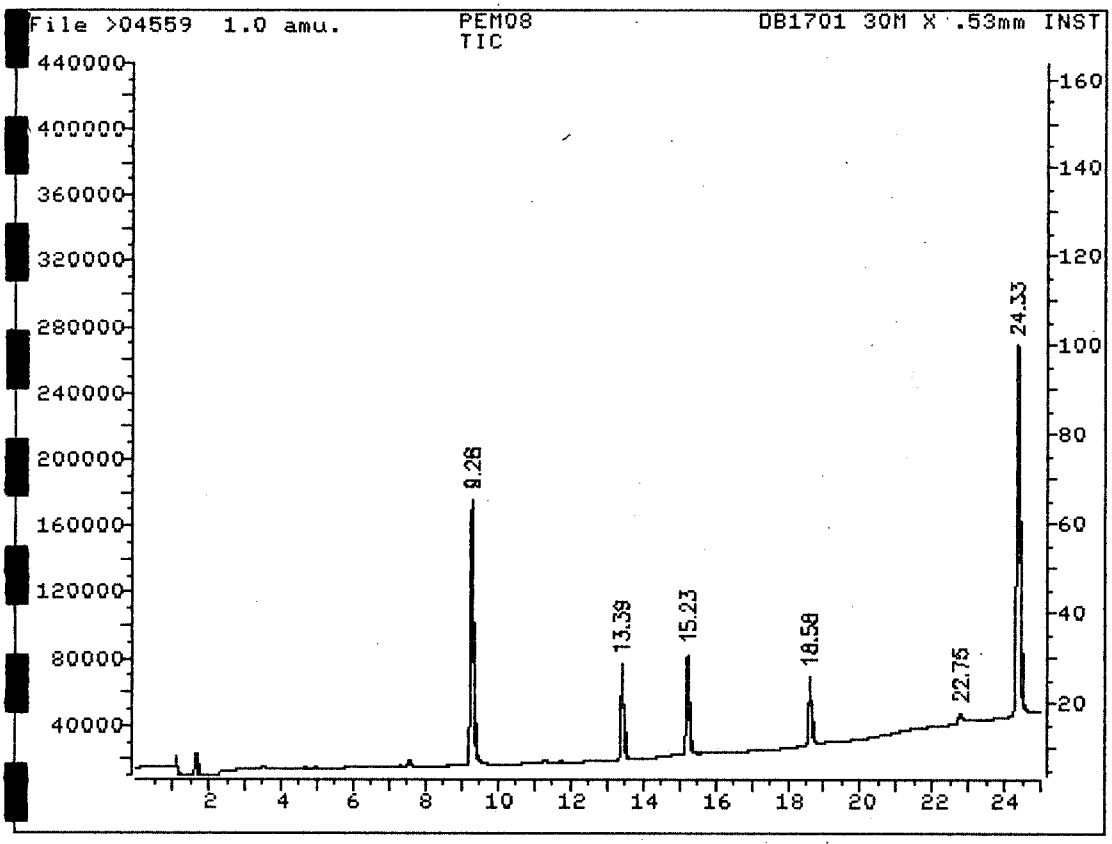


Data File: >04559::65 Quant Output File: ^04559::QT
Name: Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ
Quant Time: 960814 14:26 Quant ID File: IDCAP2::SC
Injected at: 960729 17:57 Last Calibration: 941029 10:07

Compound No: 16
Compound Name: 4,4'-DDT
Scan Number: 3286
Retention Time: 27.39 min.
Quant Ion: 1.0
Area: 1896879M
Concentration: 111.83 ng/ml
q-value: 100

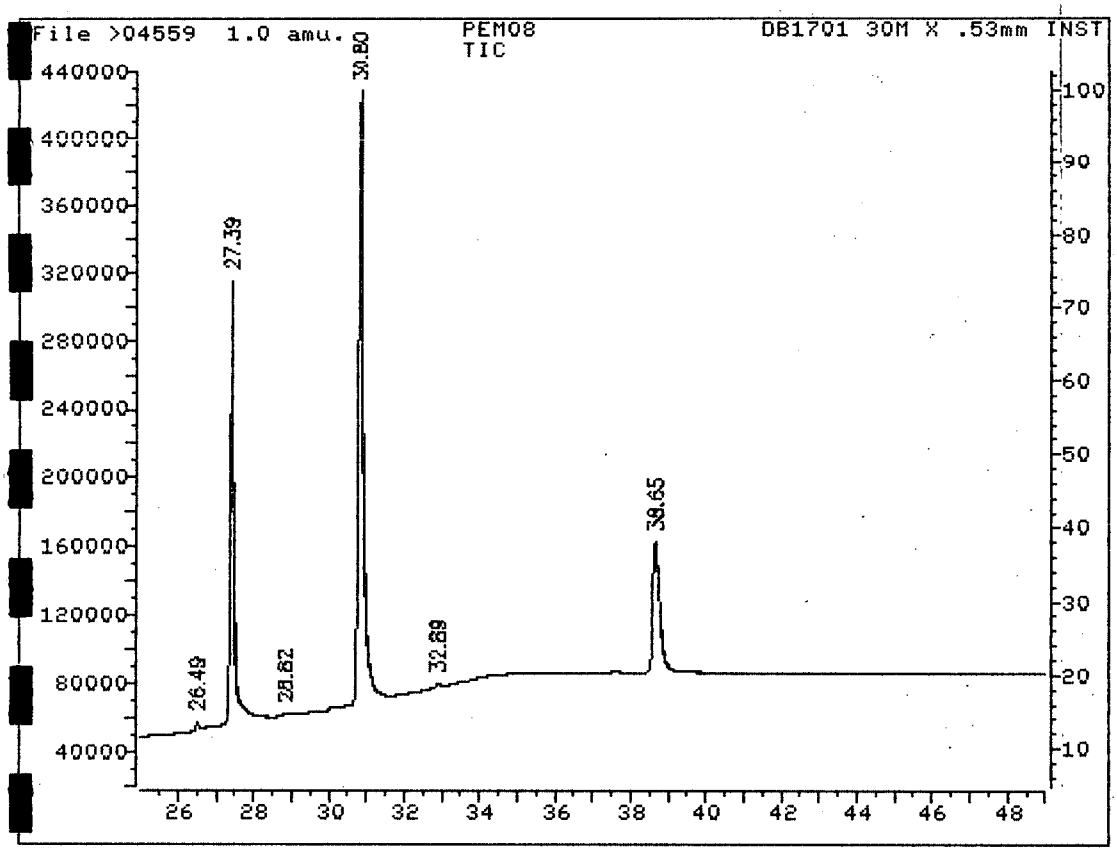
This report was produced by QAREA on: 960814 14:58



MS data file header from : >04559::G5

Sample: PEM08 Operator: TRFI2 7/29/96 17:57
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04559::G5

Sample: PEM08 Operator: TRFI2 7/29/96 17:57
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

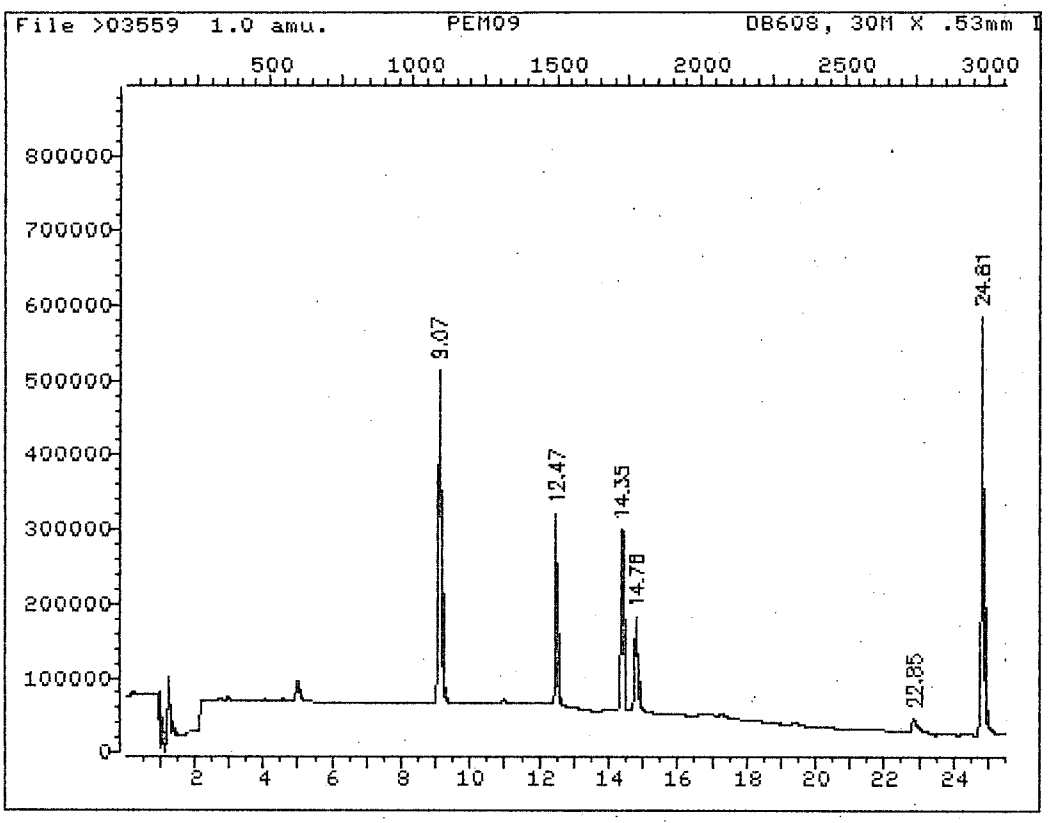
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960729 18:50
Output File: ^03559::GQ Injected at: 960729 17:57
Data File: >03559::G2 Dilution Factor: 1.00000
Name: PEM028 ep Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2543578	19.77	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1496	1469453	9.69	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	784288	9.26	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1359576	9.65	ng/ml	100
11)	#4,4'-DDE		22.85	2742	167343	1.75	ng/ml	100
12)	#Endrin	0.050	24.81	2977	4072781	45.72	ng/ml	100
14)	#4,4'-DDD		25.64	3077	124248	2.03	ng/ml	100
16)	#4,4'-DDT	0.100	27.20	3264	6006626	87.37	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3893	8255110	209.89	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.66	4999	2571675	21.59	ng/ml	100
30)	#Endrin aldehyde		27.60	3312	336484	4.13	ng/ml	100

Compound uses ESTD

EPrui
8/6/96



Data File: >03559::G2 Quant Output File: ^03559::GQ
Name: PEM0~~9~~8 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960729 18:50
Injected at: 960729 17:57

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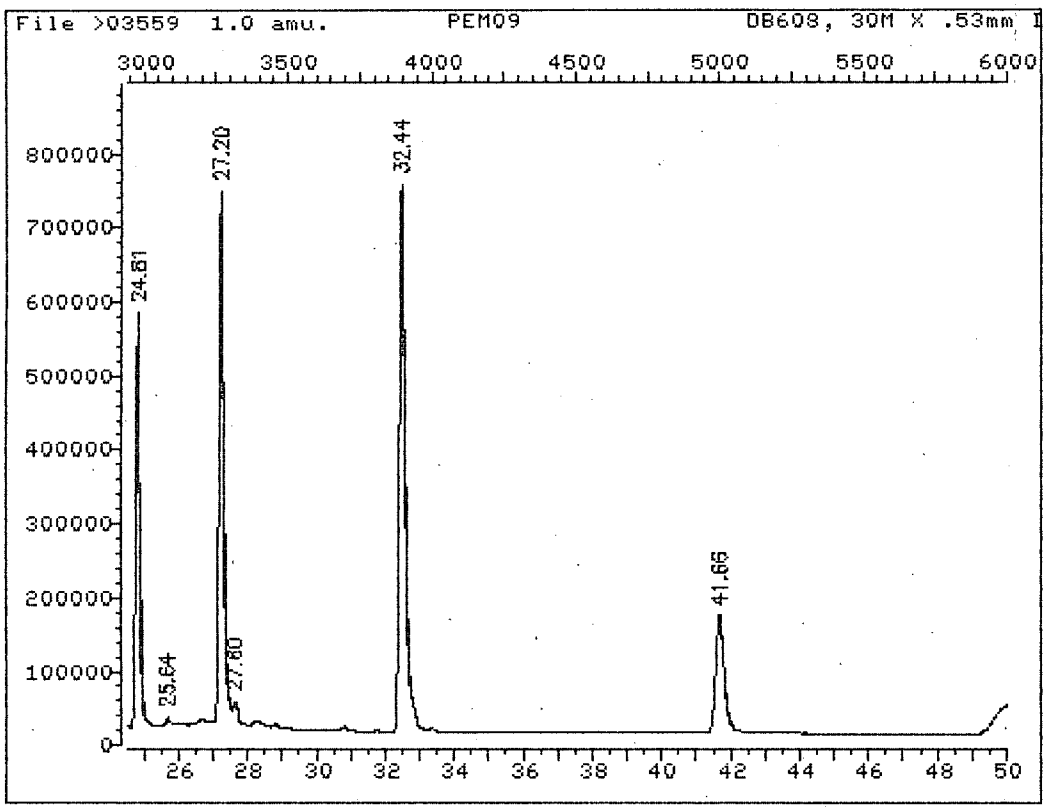

Data File: >03559::G2 Quant Output File: ^03559::GQ
Name: PEM0~~9~~8 Ep Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960729 18:50
Injected at: 960729 17:57

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QUANT REPORT

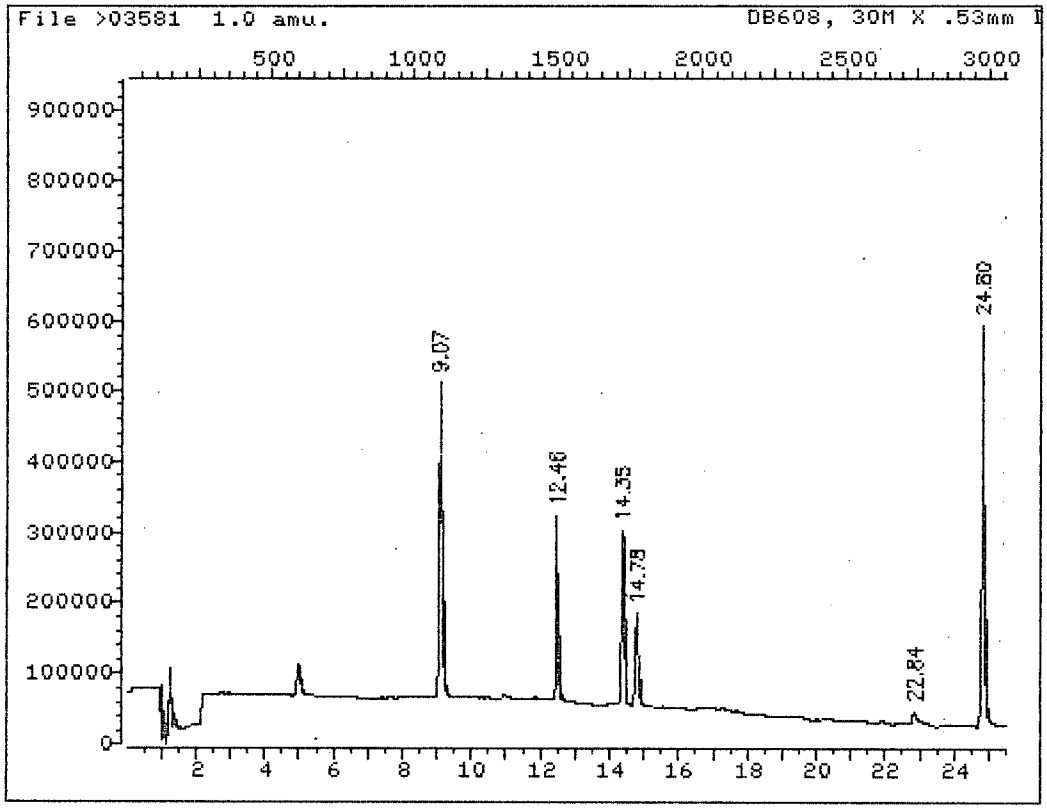
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 17:30
Output File: ^03581::GQ Injected at: 960730 16:36
Data File: >03581::G2 Dilution Factor: 1.00000
Name: PEMH0960 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2560478	19.90	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1490415	9.83	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	796195	9.40	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1374381	9.75	ng/ml	100
11)	#4,4'-DDE		22.84	2741	154376	1.61	ng/ml	100
12)	#Endrin	0.050	24.80	2976	4115162	46.20	ng/ml	100
14)	#4,4'-DDD		25.64	3076	123942	2.03	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3263	6197143	90.14	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3892	8633604	219.51	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.64	4997	2546867	21.38	ng/ml	100
30)	#Endrin aldehyde		27.59	3311	341879	4.19	ng/ml	100

Compound uses ESTD

EPuca
8/8/94



Data File: >03581::G2 Quant Output File: ^03581::GQ
Name: PEM09 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 17:30
Injected at: 960730 16:36

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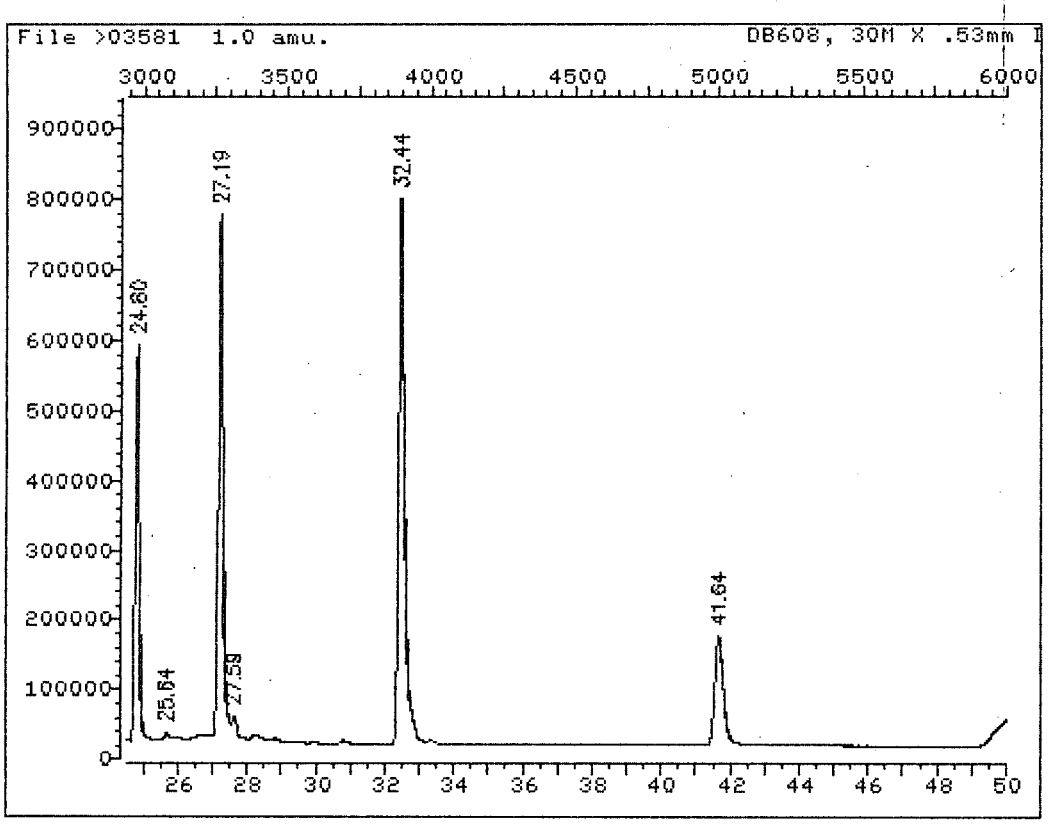

Data File: >03581::G2 Quant Output File: ^03581::GQ
Name: PEm09 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 17:30
Injected at: 960730 16:36

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QUANT REPORT

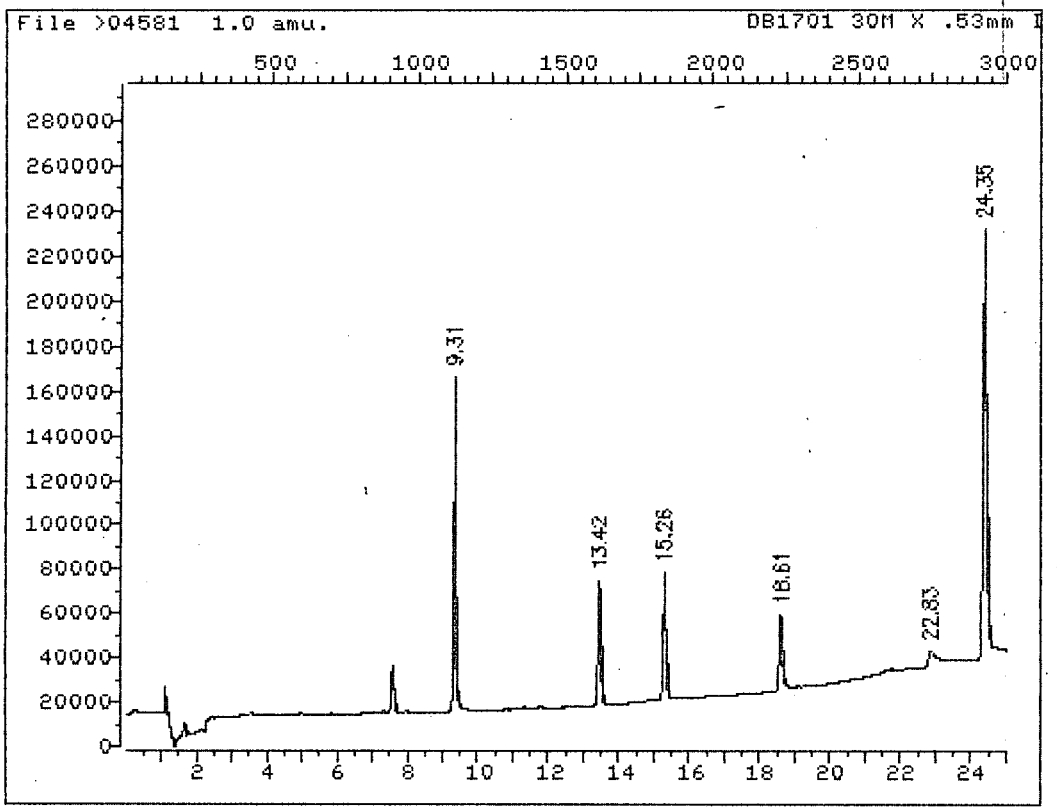
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 17:27
Output File: ^04581::GQ Injected at: 960730 16:36
Data File: >04581::G5 Dilution Factor: 1.00000
Name: PE mog Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	848719	19.08	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	302719	9.17	ng/ml	100
3)	#beta-BHC	0.010	18.61	2233	241878	9.50	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.26	1831	317856	9.07	ng/ml	100
11)	#4,4'-DDE		22.83	2739	165159	5.84	ng/ml	100
12)	#Endrin	0.050	24.35	2922	1424060	48.05	ng/ml	100
14)	#4,4'-DDD		26.54	3185	72905	3.85	ng/ml	100
16)	#4,4'-DDT	0.100	27.43	3291	1399280	82.49	ng/ml	100
17)	#Methoxychlor	0.250	30.86	3703	2663411	205.20	ng/ml	100
18)	#Endrin ketone		32.93	3951	53001	1.60	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.71	4645	937384	19.94	ng/ml	100
30)	#Endrin aldehyde		28.86	3463	52342	1.64	ng/ml	100

Compound uses ESTD

EPrice
8/8/96



Data File: >04581::G5 Quant Output File: ^04581::GQ
Name: PEm09 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 17:27
Injected at: 960730 16:36

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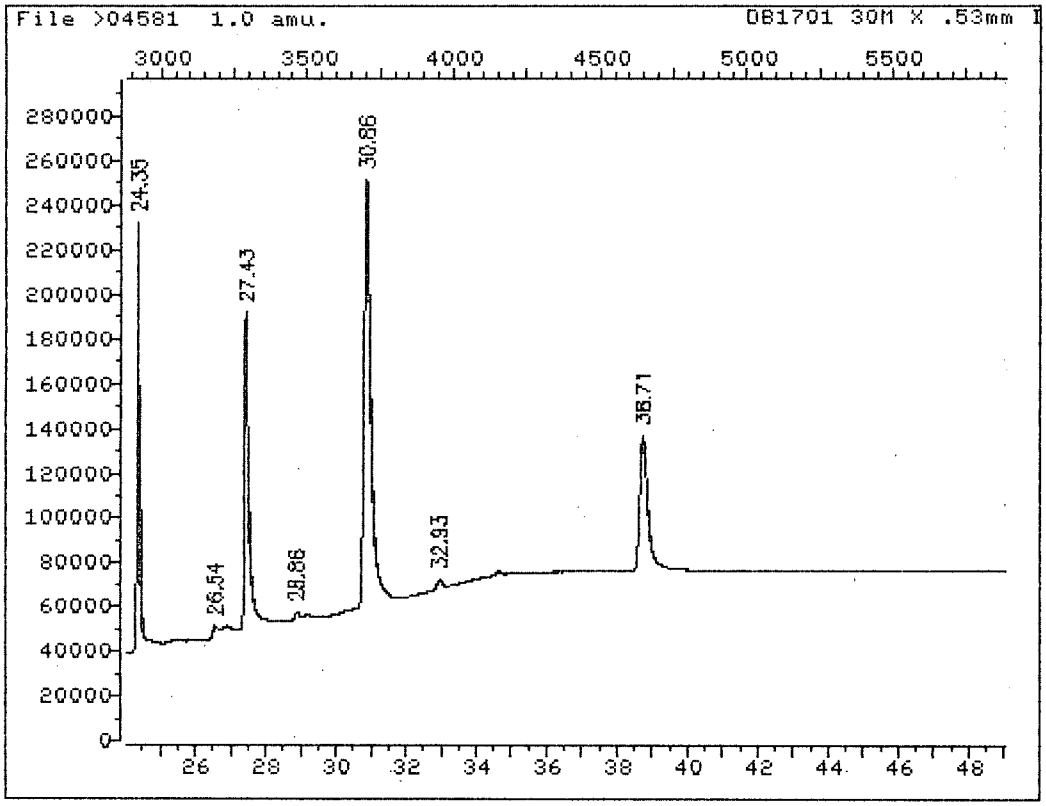

Data File: >04581::G5 Quant Output File: ^04581::GQ
Name: PEM09 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 17:27
Injected at: 960730 16:36

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QUANT REPORT

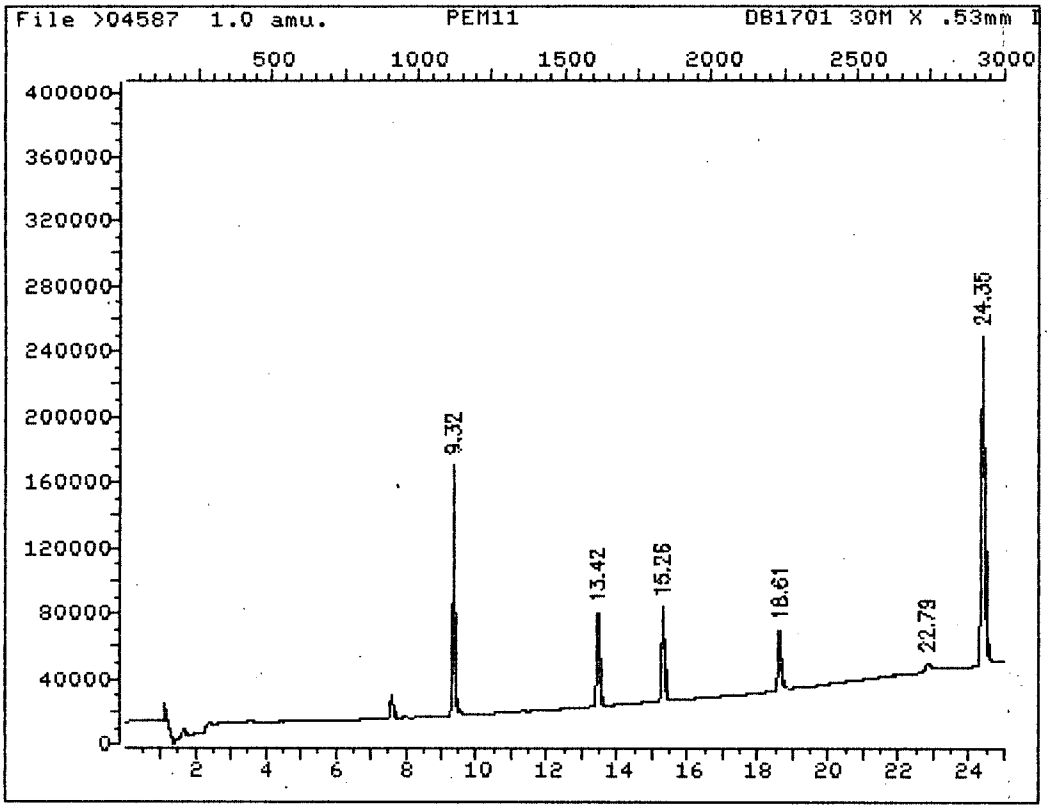
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960813 13:15
Output File: ^04587::F3 Injected at: 960731 11:47
Data File: >04587::G5 Dilution Factor: 1.00000
Name: PEM~~11~~/10 EP Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	848457	19.07	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	293216	8.88	ng/ml	100
3)	#beta-BHC	0.010	18.61	2233	285395	11.21	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.26	1831	303468	8.66	ng/ml	100
11)	#4,4'-DDE	0.050	22.79	2735	67689	2.39	ng/ml	100
12)	#Endrin		24.35	2922	1346786	45.44	ng/ml	100
14)	#4,4'-DDD		26.53	3183	59738	3.16	ng/ml	100
16)	#4,4'-DDT	0.100	27.42	3290	1891693	111.52	ng/ml	100
17)	#Methoxychlor	0.250	30.84	3700	3186949	245.53	ng/ml	100
18)	#Endrin ketone		32.91	3949	51523	1.56	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.70	4644	963260	20.49	ng/ml	100
30)	#Endrin aldehyde		28.85	3462	51612	1.62	ng/ml	100

Compound uses ESTD

EPrice
8/13/96



Data File: >04587::G5 Quant Output File: ^04587::F3
Name: PEM11/0ED Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 13:15
Injected at: 960731 11:47

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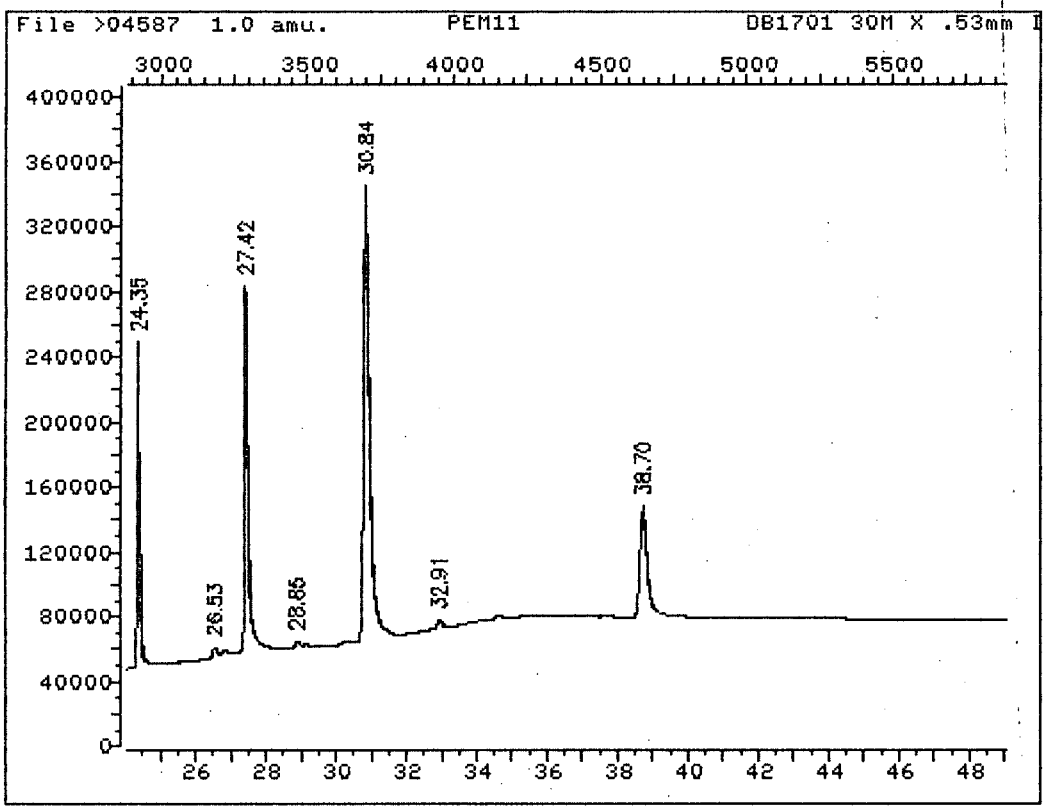

Data File: >04587::G5 Quant Output File: ^04587::F3
Name: PEM~~11~~10 Ep Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 13:15
Injected at: 960731 11:47

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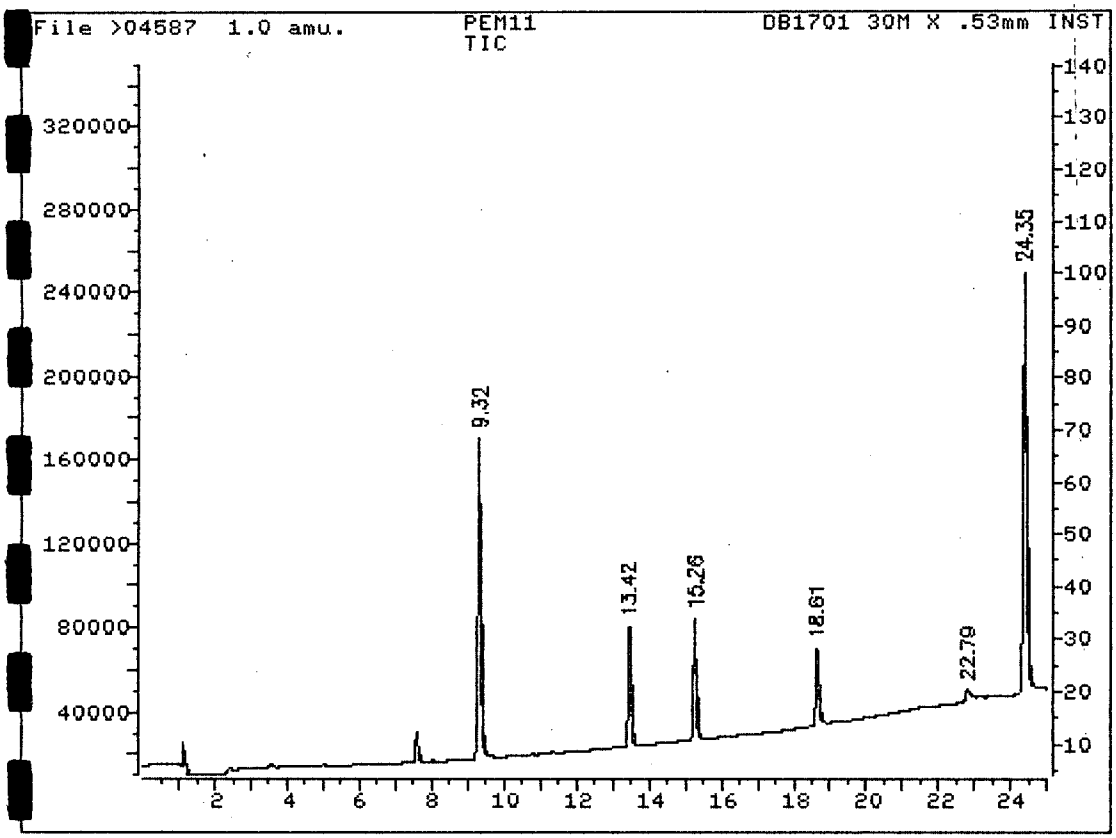
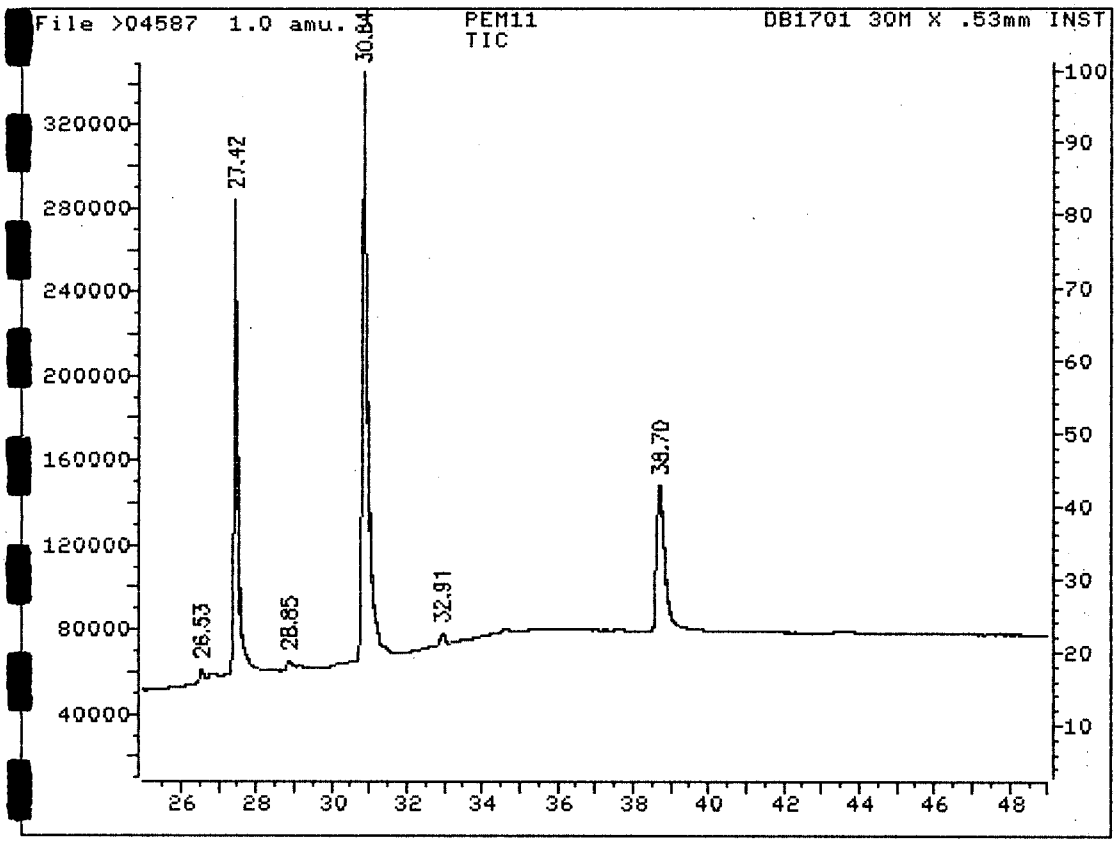


MS data file header from : >04587::G5

Sample: PEM~~11~~10Ep Operator: TRFI2 , 7/31/96 11:47
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04587::G5

Sample: PEM~~11~~10 Ep Operator: TRFI2 7/31/96 11:47
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

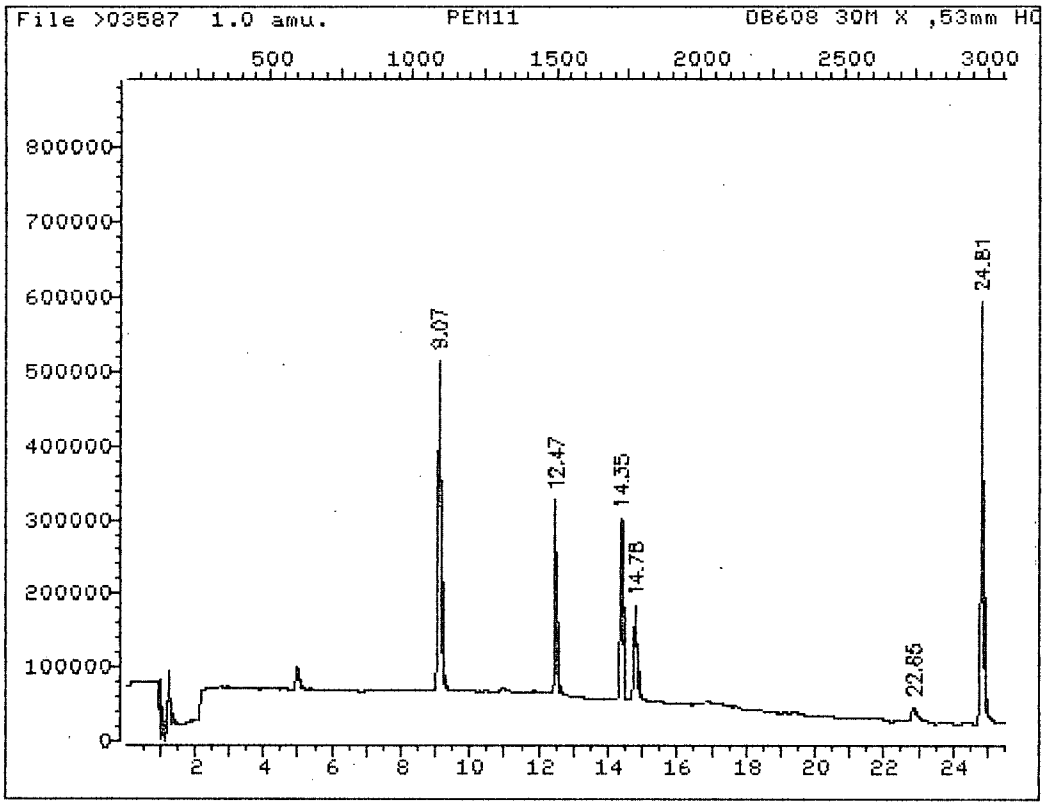
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960731 12:42
Output File: ^03587::GQ Injected at: 960731 11:47
Data File: >03587::G4 Dilution Factor: 1.00000
Name: PEM~~11~~10 EP Instrument ID: GC03
Misc: DB608 30M X ,53mm HC58903 1ul inj.

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2588768	20.12	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1496	1503021	9.91	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	788800	9.32	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1368744	9.71	ng/ml	100
11)	#4,4'-DDE		22.85	2742	188412	1.97	ng/ml	100
12)	#Endrin	0.050	24.81	2977	4159727	46.70	ng/ml	100
14)	#4,4'-DDD		25.64	3077	135835	2.22	ng/ml	100
16)	#4,4'-DDT	0.100	27.20	3264	5971343	86.86	ng/ml	100
17)	#Methoxychlor	0.250	32.45	3894	8164754	207.59	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.66	4999	2593026	21.77	ng/ml	100
30)	#Endrin aldehyde		27.60	3312	326842	4.01	ng/ml	100

Compound uses ESTD

EPNa
8/13/96



Data File: >03587::G4 Quant Output File: ^03587::GQ
Name: PEM~~11~~10 ED Instrument ID: GC03
Misc: DB608 30M X ,53mm HC58903 1ul inj.

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960731 12:42
Injected at: 960731 11:47

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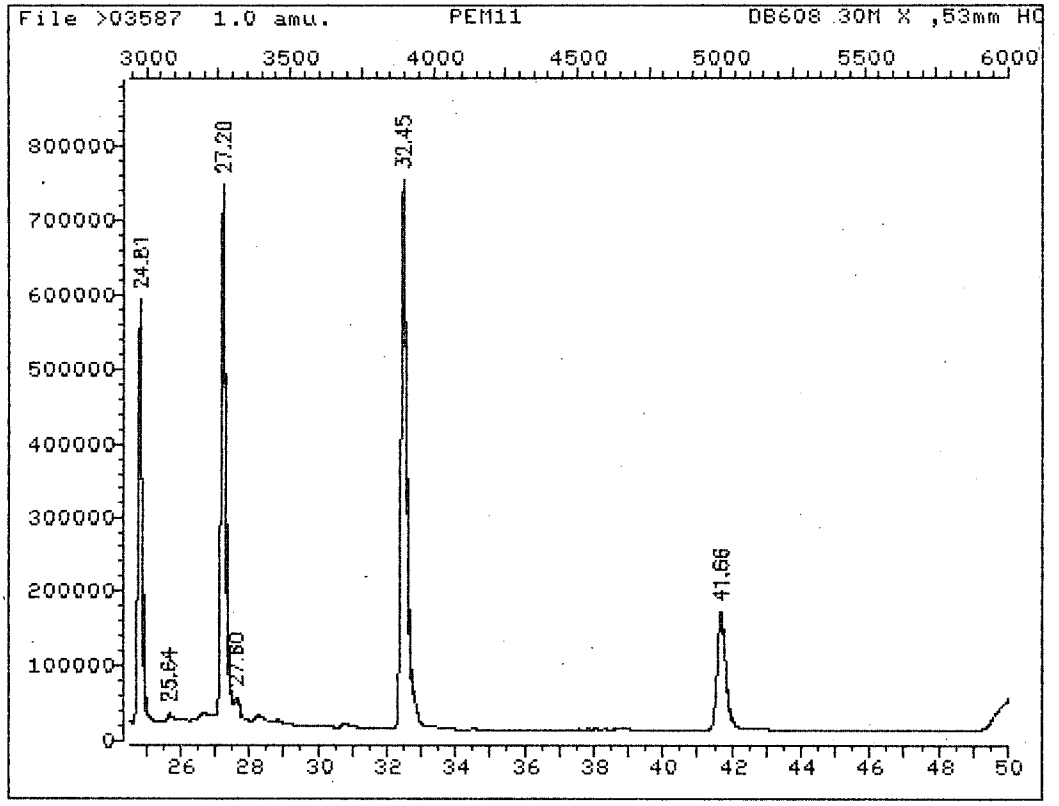

Data File: >03587::G4 Quant Output File: ^03587::GQ
Name: PEM~~11~~ 10 EP Instrument ID: GC03
Misc: DB608 30M X ,53mm HC58903 1ul inj.

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960731 12:42
Injected at: 960731 11:47

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QUANT REPORT

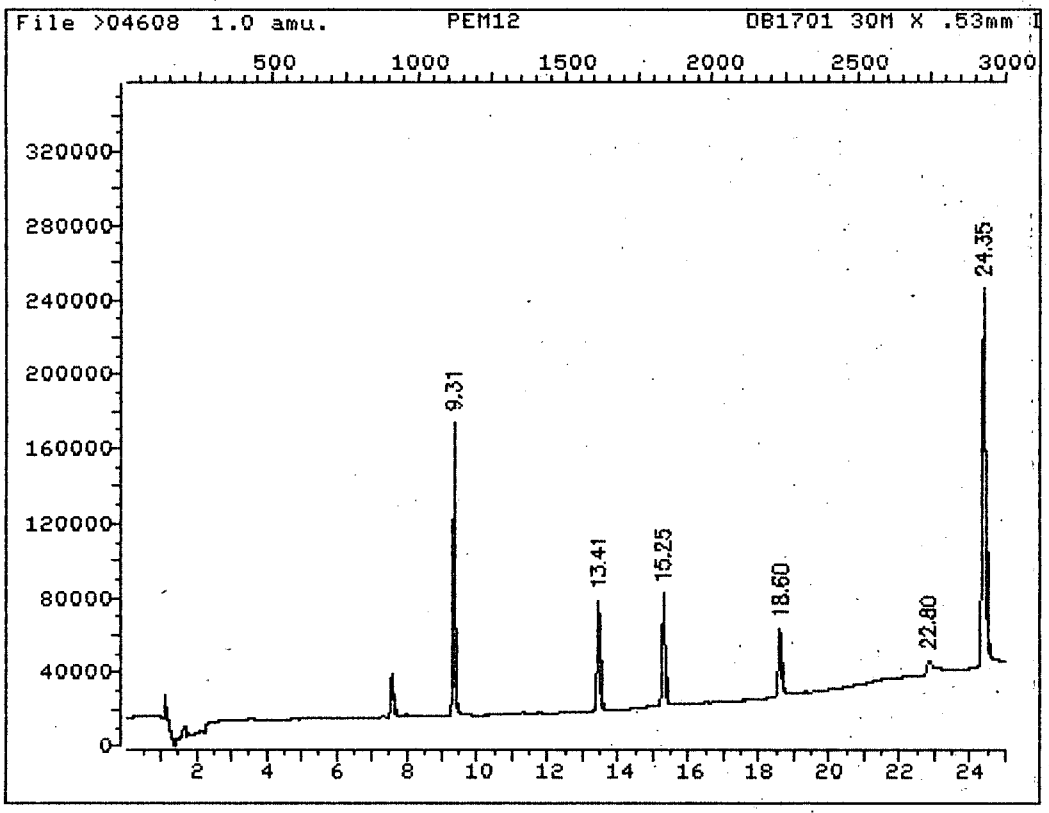
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960813 09:56
Output File: ^04608::F3 Injected at: 960801 05:30
Data File: >04608::G5 Dilution Factor: 1.00000
Name: PEM12/ØED Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	887147	19.94	ng/ml	100
2)	#alpha-BHC	0.010	13.41	1609	313000	9.48	ng/ml	100
3)	#beta-BHC	0.010	18.60	2232	276860	10.87	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.25	1830	329700	9.41	ng/ml	100
11)	#4,4'-DDE		22.80	2736	153034	5.41	ng/ml	100
12)	#Endrin	0.050	24.35	2922	1445686	48.78	ng/ml	100
14)	#4,4'-DDD		26.54	3184	70444	3.72	ng/ml	100
16)	#4,4'-DDT	0.000	27.42	3290	1677058	98.87	ng/ml	100
17)	#Methoxychlor	0.250	30.85	3702	3018720	232.57	ng/ml	100
18)	#Endrin ketone		32.92	3950	49790	1.51	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.69	4643	917748	19.52	ng/ml	100
30)	#Endrin aldehyde		28.86	3463	55160	1.73	ng/ml	100

Compound uses ESTD

E Pui
8/13/96



Data File: >04608::G5 Quant Output File: ^04608::F3
Name: PEM~~12~~ // ep Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:56
Injected at: 960801 05:30

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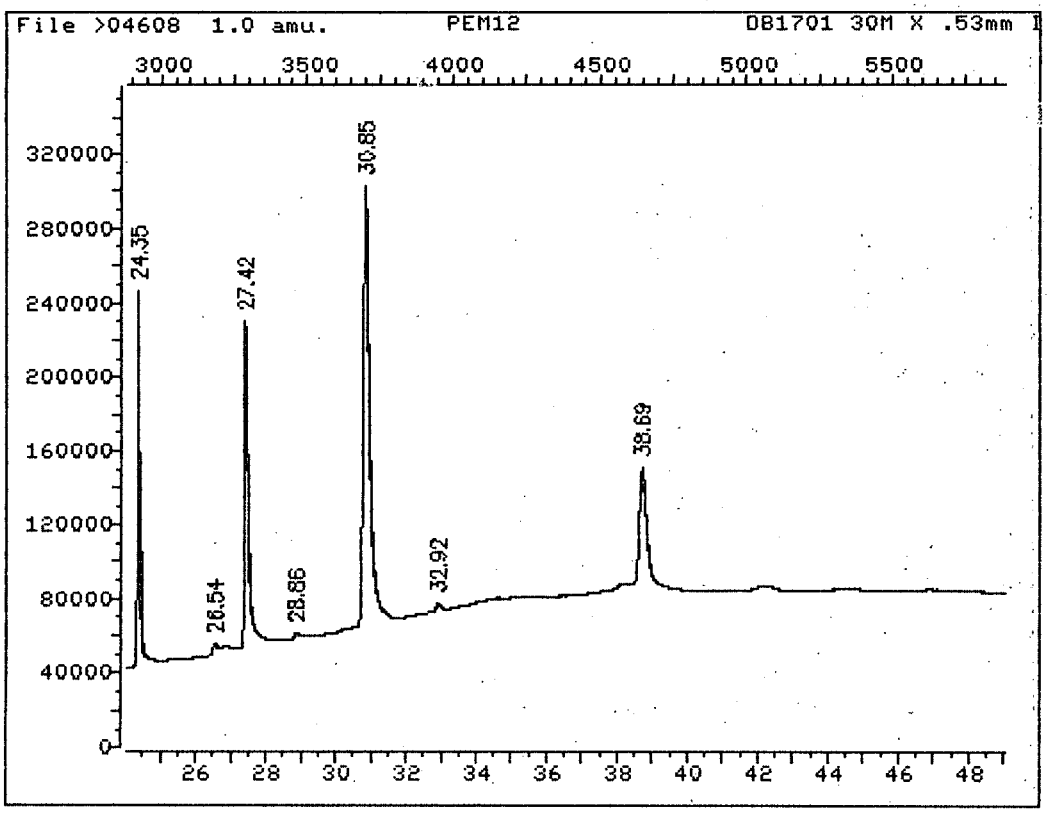

Data File: >04608::G5 Quant Output File: ^04608::F3
Name: PEM12/ED Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:56
Injected at: 960801 05:30

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QUANT REPORT

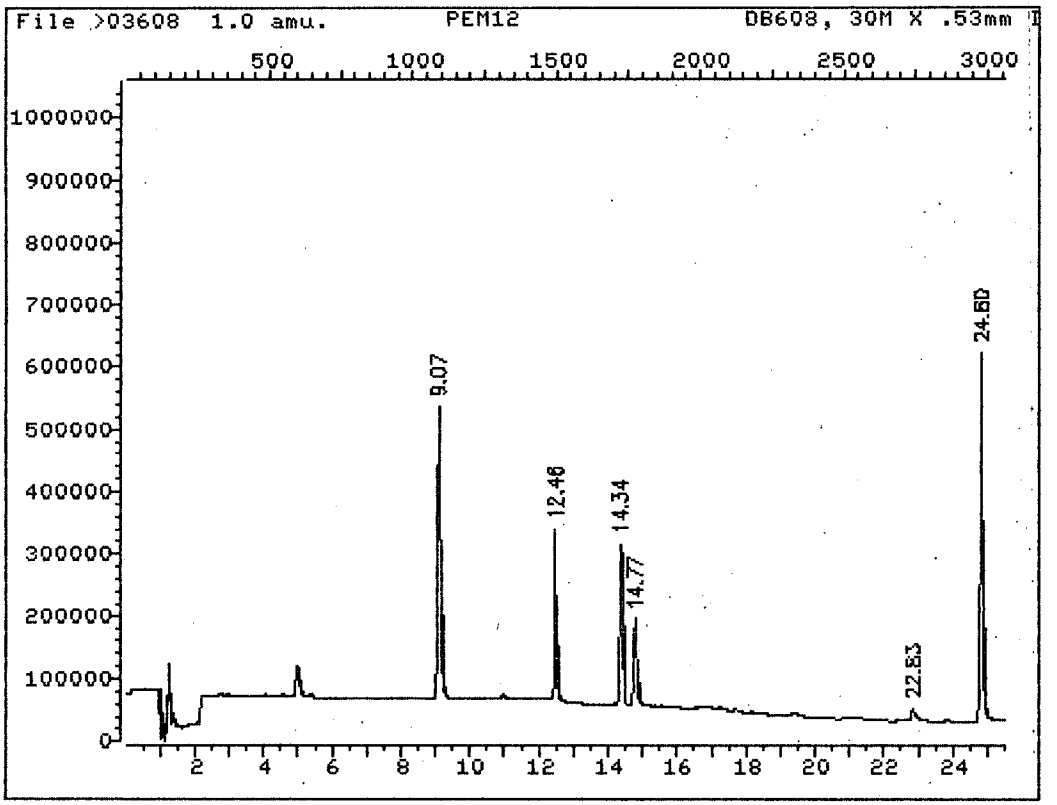
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960813 09:45
Output File: ^03608::F3 Injected at: 960801 05:30
Data File: >03608::G4 Dilution Factor: 1.00000
Name: PEM~~12~~/ED Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAF1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2669107	20.74	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1567457	10.34	ng/ml	100
3)	#beta-BHC	0.010	14.77	1773	833133	9.84	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.34	1721	1441651	10.23	ng/ml	100
11)	#4,4'-DDE		22.83	2740	149506	1.56	ng/ml	100
12)	#Endrin	0.050	24.80	2976	4291387	48.17	ng/ml	100
14)	#4,4'-DDD		25.63	3075	116390	1.91	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3262	6580048	95.71	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3892	8993858	228.67	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4996	2548352	21.39	ng/ml	100
30)	#Endrin aldehyde		27.59	3311	303863	3.73	ng/ml	100

Compound uses ESTD

EPrice
8/13/96



Data File: >03608::G4 Quant Output File: ^03608::F3
Name: PEM12//ED Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:45
Injected at: 960801 05:30

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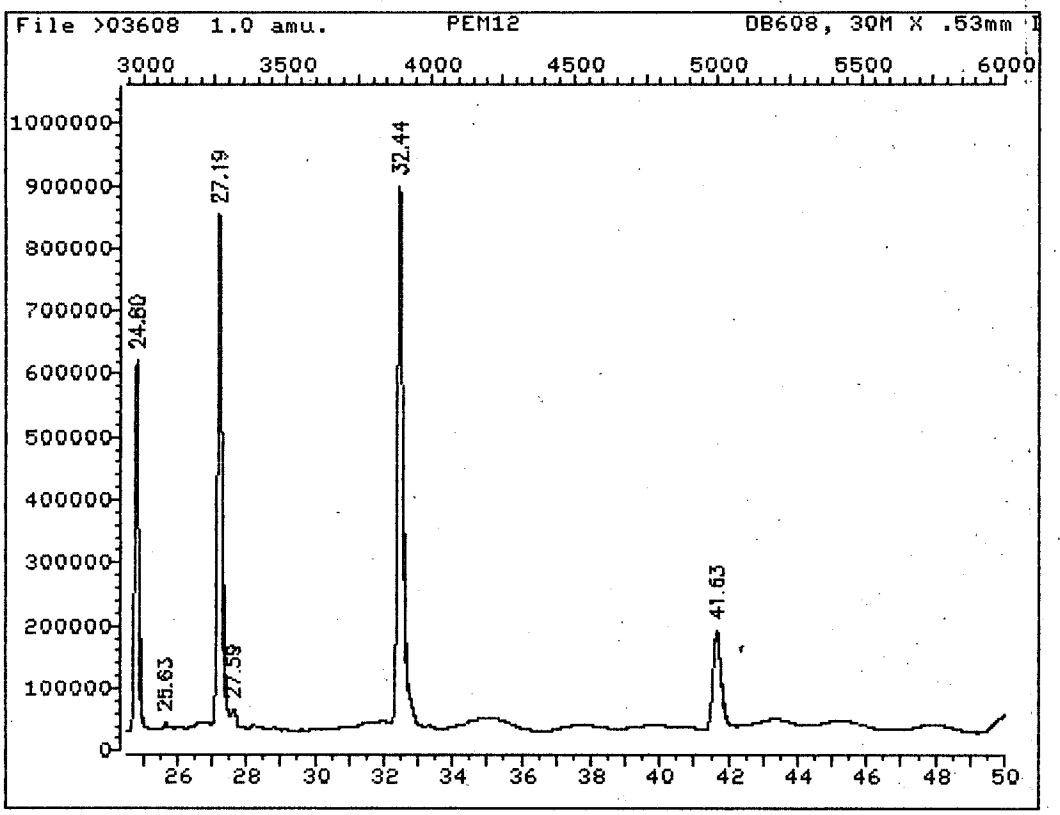

Data File: >03608::G4 Quant Output File: ^03608::F3
Name: PEM12//Eo Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:45
Injected at: 960801 05:30

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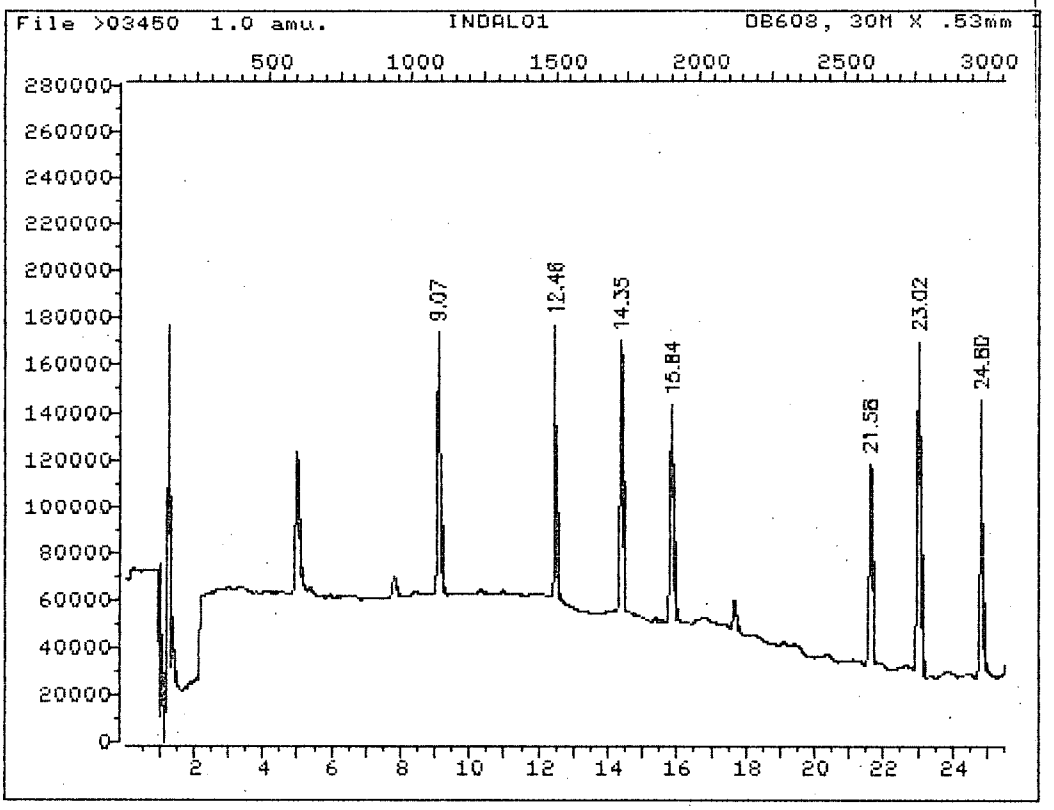
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:51
Output File: ^03450::GQ Injected at: 960723 23:55
Data File: >03450::G2 Dilution Factor: 1.00000
Name: INDAL01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.07	1088	620611	4.82	ng/ml	100
2)	#alpha-BHC	0.005	12.46	1495	701071	4.62	ng/ml	100
5)	#gamma-BHC (Lindane)	0.005	14.35	1722	642126	4.56	ng/ml	100
6)	#Heptachlor	0.005	15.84	1901	609240	5.26	ng/ml	100
9)	#Endosulfan I	0.005	21.58	2590	542643	5.00	ng/ml	100
10)	#Dieldrin	0.010	23.02	2762	936562	9.56	ng/ml	100
12)	#Endrin	0.010	24.80	2976	874940	9.82	ng/ml	100
14)	#4,4'-DDD	0.010	25.61	3073	594215	9.73	ng/ml	100
16)	#4,4'-DDT	0.010	27.19	3262	638717	9.29	ng/ml	100
17)	#Methoxychlor	0.050	32.44	3892	2127778	54.10	ng/ml	100
19)	#Decachlorobiphenyl	0.010	41.63	4996	1267162	10.64	ng/ml	100

Compound uses ESTD

EPrice
7/30/96



Data File: >03450::G2 Quant Output File: ^03450::GQ
Name: INDAL01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:51
Injected at: 960723 23:55

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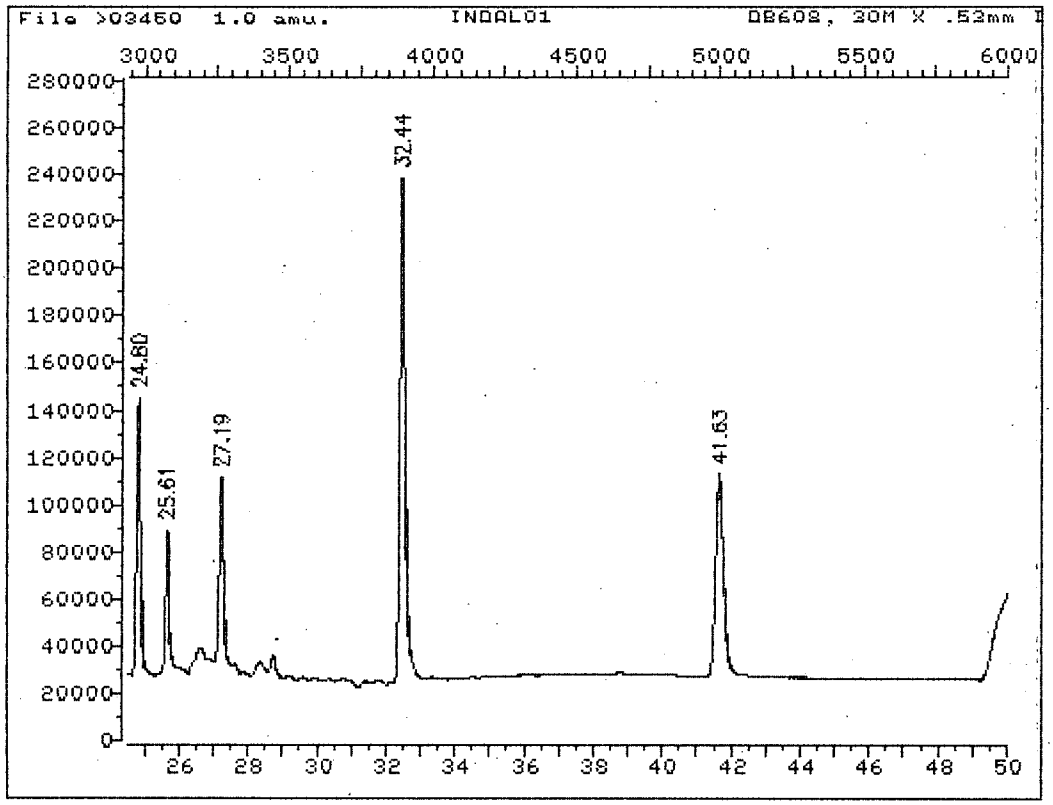

Data File: >03450::G2 Quant Output File: ^03450::GQ
Name: INDAL01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:51
Injected at: 960723 23:55

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QUANT REPORT

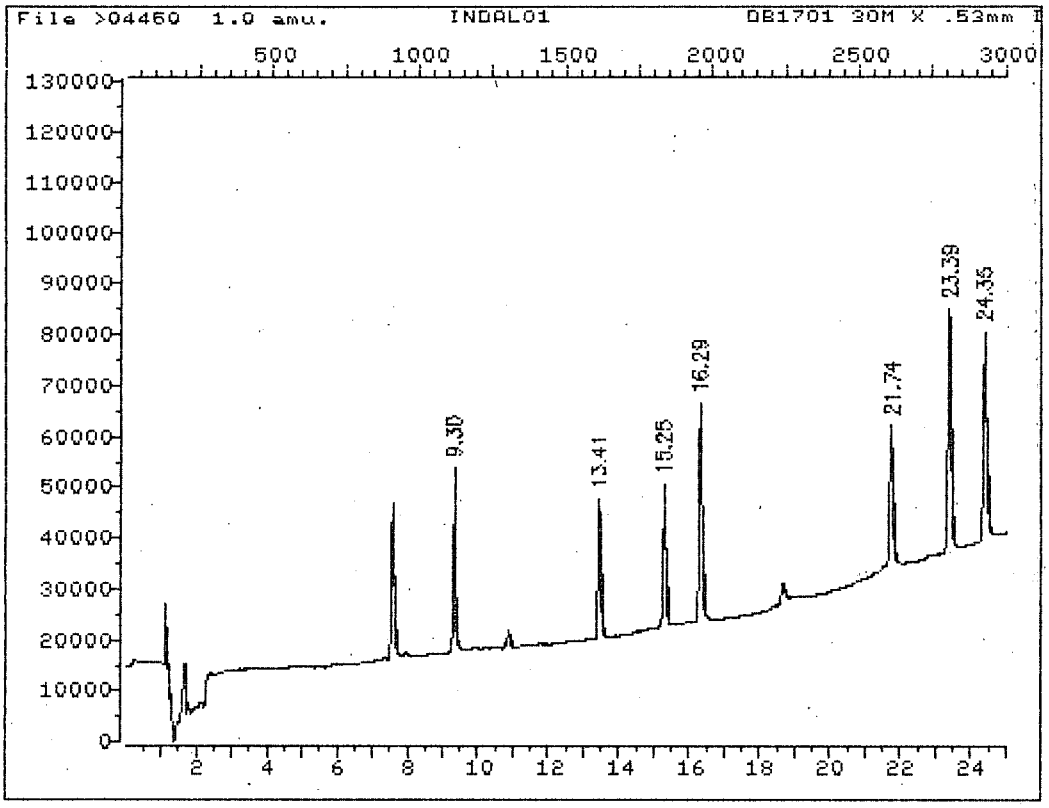
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:38
Output File: ^04450::GQ Injected at: 960723 23:55
Data File: >04450::G4 Dilution Factor: 1.00000
Name: INDAL01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.30	1116	225334	5.06	ng/ml	100
2)	#alpha-BHC	0.005	13.41	1609	148824	4.51	ng/ml	100
5)	#gamma-BHC (Lindane)	0.005	15.25	1830	151340	4.32	ng/ml	100
6)	#Heptachlor	0.005	16.29	1955	249971	5.23	ng/ml	100
9)	#Endosulfan I	0.005	21.74	2609	167307	4.72	ng/ml	100
10)	#Dieldrin	0.010	23.39	2807	305273	9.40	ng/ml	100
12)	#Endrin	0.010	24.35	2922	296841	10.02	ng/ml	100
14)	#4,4'-DDD	0.010	26.54	3184	217738	11.51	ng/ml	100
16)	#4,4'-DDT	0.010	27.42	3290	131949	7.78	ng/ml	100
17)	#Methoxychlor	0.050	30.85	3702	585201	45.09	ng/ml	100
19)	#Decachlorobiphenyl	0.010	38.69	4643	470961	10.02	ng/ml	100

Compound uses ESTD

EPrice
7/30/96



Data File: >04450::G4 Quant Output File: ^04450::GQ
Name: INDAL01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:38
Injected at: 960723 23:55

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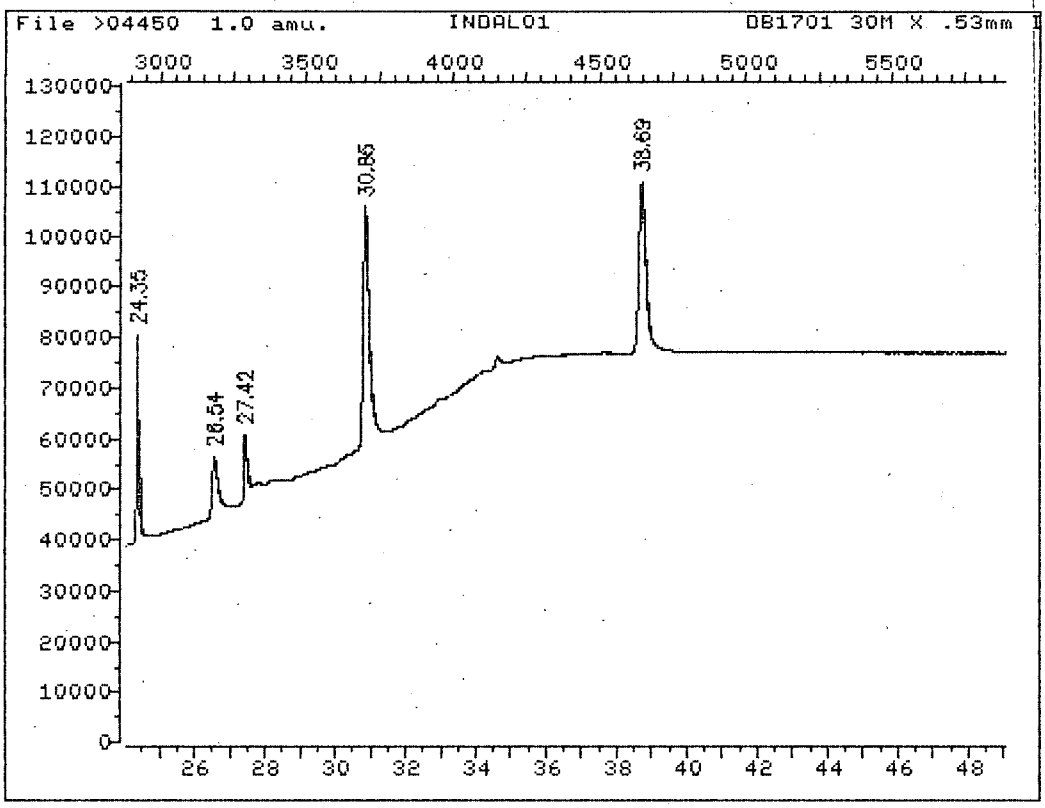

Data File: >04450::G4 Quant Output File: ^04450::GQ
Name: INDAL01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:38
Injected at: 960723 23:55

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:54
Output File: ^03452::GQ Injected at: 960724 01:44
Data File: >03452::G2 Dilution Factor: 1.00000
Name: INDAM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2573300	20.00	ng/ml	100
2)	#alpha-BHC	0.020	12.46	1495	3029042	19.98	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	14.35	1722	2818477	20.00	ng/ml	100
6)	#Heptachlor	0.020	15.84	1901	2316679	20.00	ng/ml	100
9)	#Endosulfan I	0.020	21.58	2590	2171852	20.00	ng/ml	100
10)	#Dieldrin	0.040	23.02	2762	3919320	40.00	ng/ml	100
12)	#Endrin	0.040	24.81	2977	3563283	40.00	ng/ml	100
14)	#4,4'-DDD	0.040	25.61	3073	2461463	40.30	ng/ml	100
16)	#4,4'-DDT	0.040	27.19	3262	2750001	40.00	ng/ml	100
17)	#Methoxychlor	0.200	32.44	3892	7864900	199.97	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.63	4996	4760312	39.96	ng/ml	100

Compound uses ESTD

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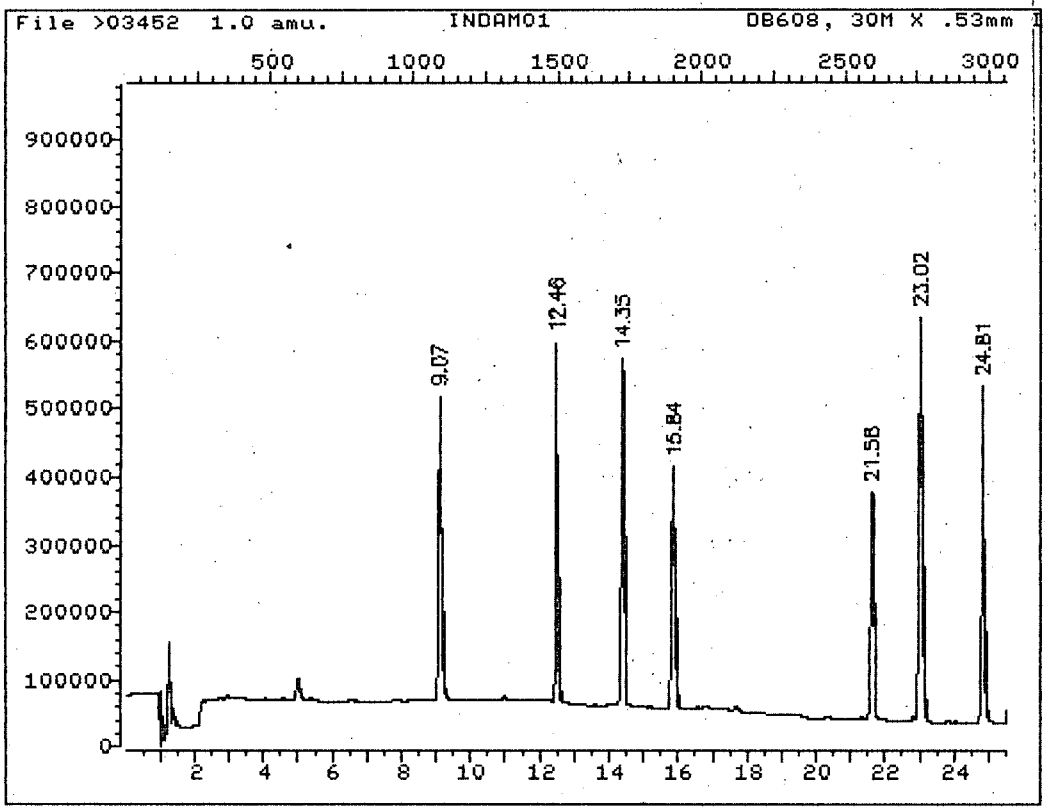
7/30/96



Data File: >03452::G2 Quant Output File: ^03452::GQ
Name: INDAM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:54
Injected at: 960724 01:44

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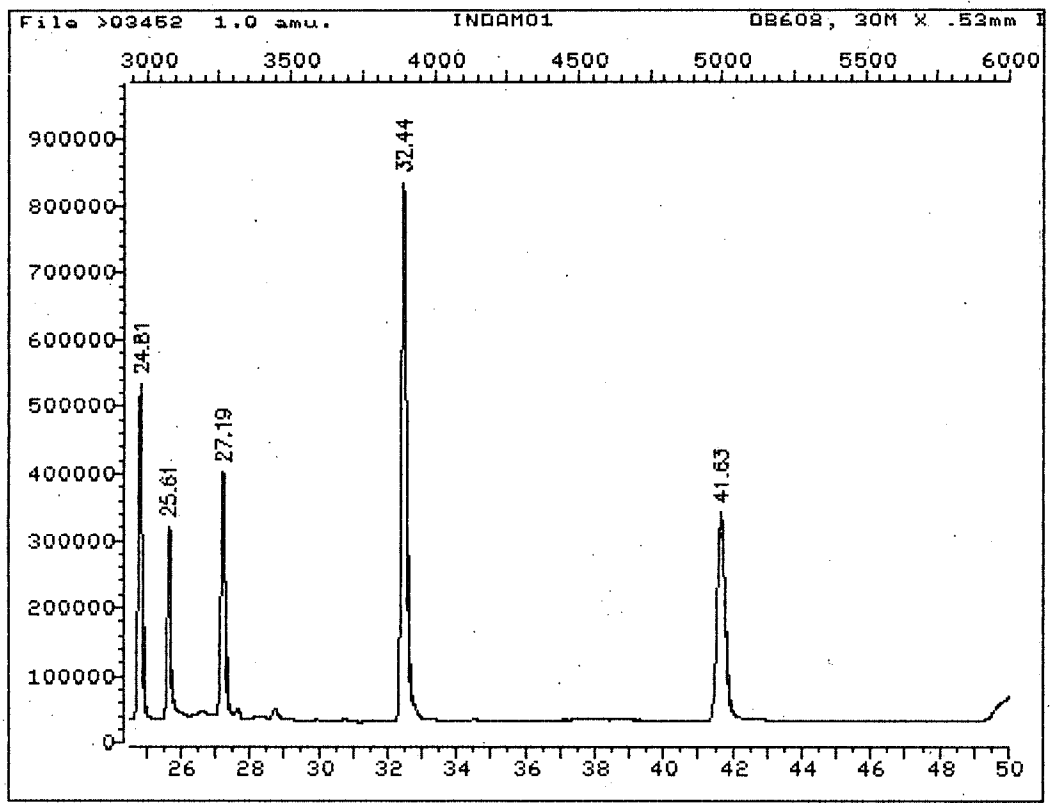

Data File: >03452::G2 Quant Output File: ^03452::GQ
Name: INDAM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:54
Injected at: 960724 01:44

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QUANT REPORT

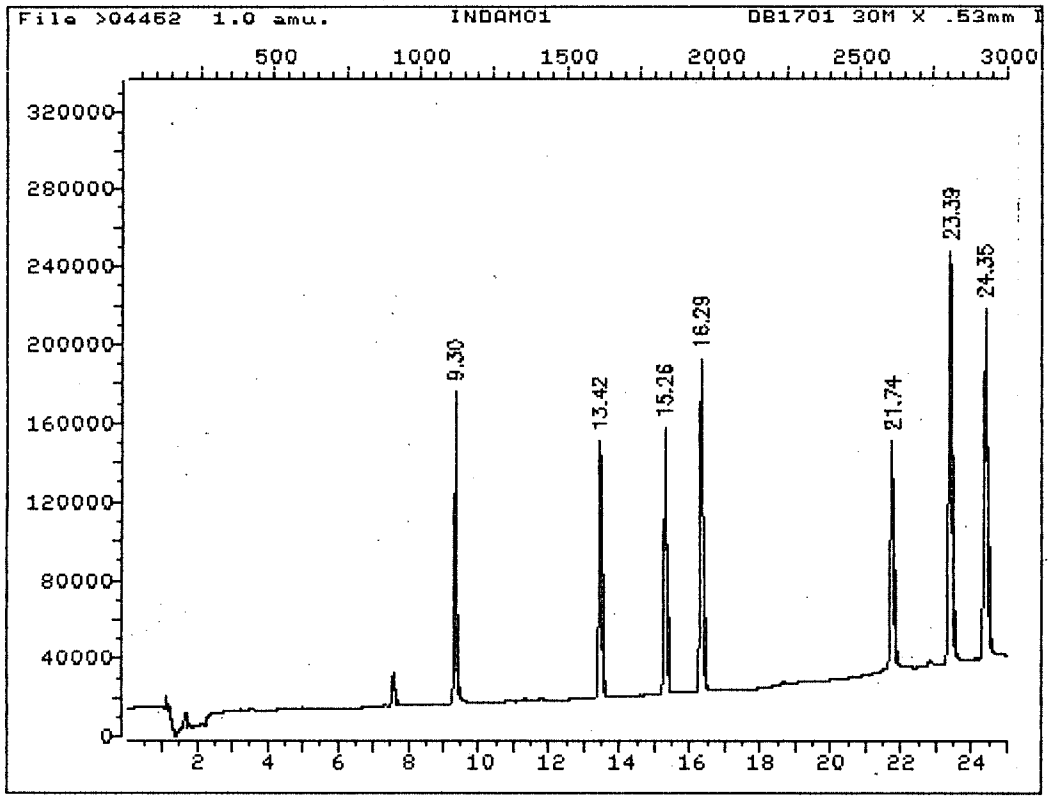
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:40
Output File: ^04452::GQ Injected at: 960724 01:44
Data File: >04452::G4 Dilution Factor: 1.00000
Name: INDAM01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	889810	20.00	ng/ml	100
2)	#alpha-BHC	0.020	13.42	1610	660424	20.00	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	15.26	1831	700854	20.00	ng/ml	100
6)	#Heptachlor	0.020	16.29	1955	956819	20.00	ng/ml	100
9)	#Endosulfan I	0.020	21.74	2609	709479	20.00	ng/ml	100
10)	#Dieldrin	0.040	23.39	2807	1297169	39.94	ng/ml	100
12)	#Endrin	0.040	24.35	2922	1185553	40.00	ng/ml	100
14)	#4,4'-DDD	0.040	26.52	3182	757006	40.00	ng/ml	100
16)	#4,4'-DDT	0.040	27.41	3289	678496	40.00	ng/ml	100
17)	#Methoxychlor	0.200	30.84	3700	2541982	195.84	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.68	4642	1877219	39.92	ng/ml	100

Compound uses ESTD

EPui
7/30/96



Data File: >04452::G4 Quant Output File: ^04452::GQ
Name: INDAM01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:40
Injected at: 960724 01:44

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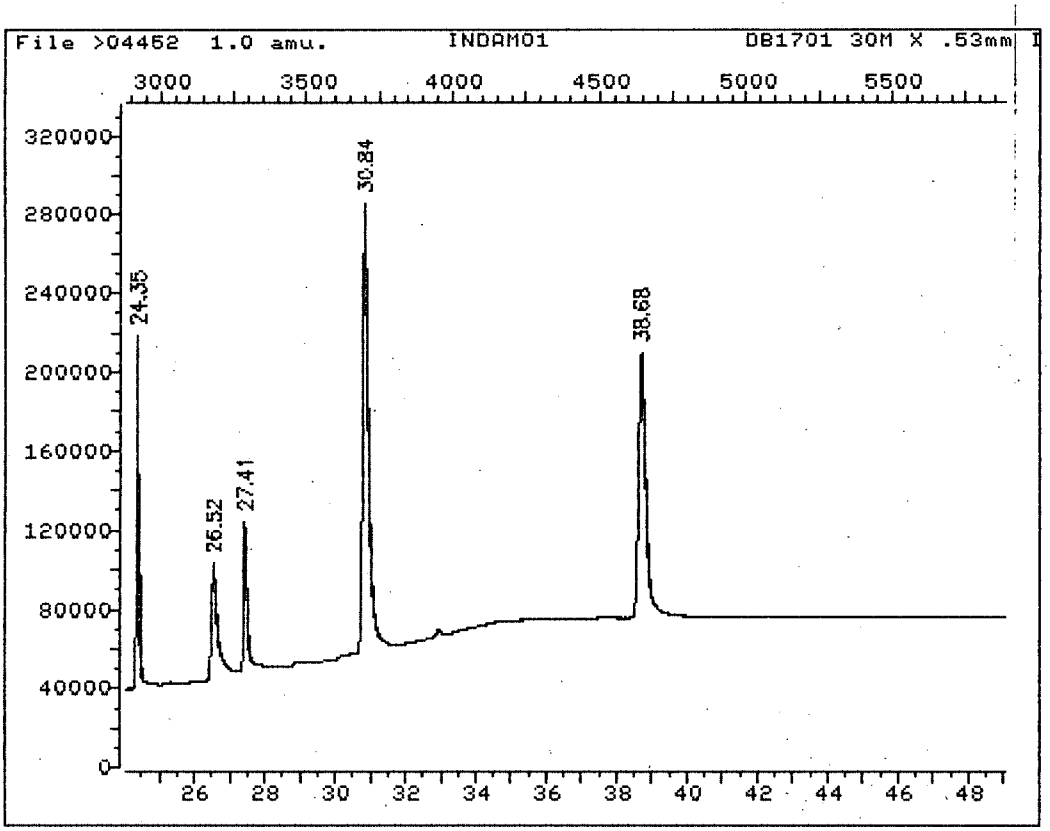

Data File: >04452::G4 Quant Output File: ^04452::GQ
Name: INDAM01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:40
Injected at: 960724 01:44

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QUANT REPORT

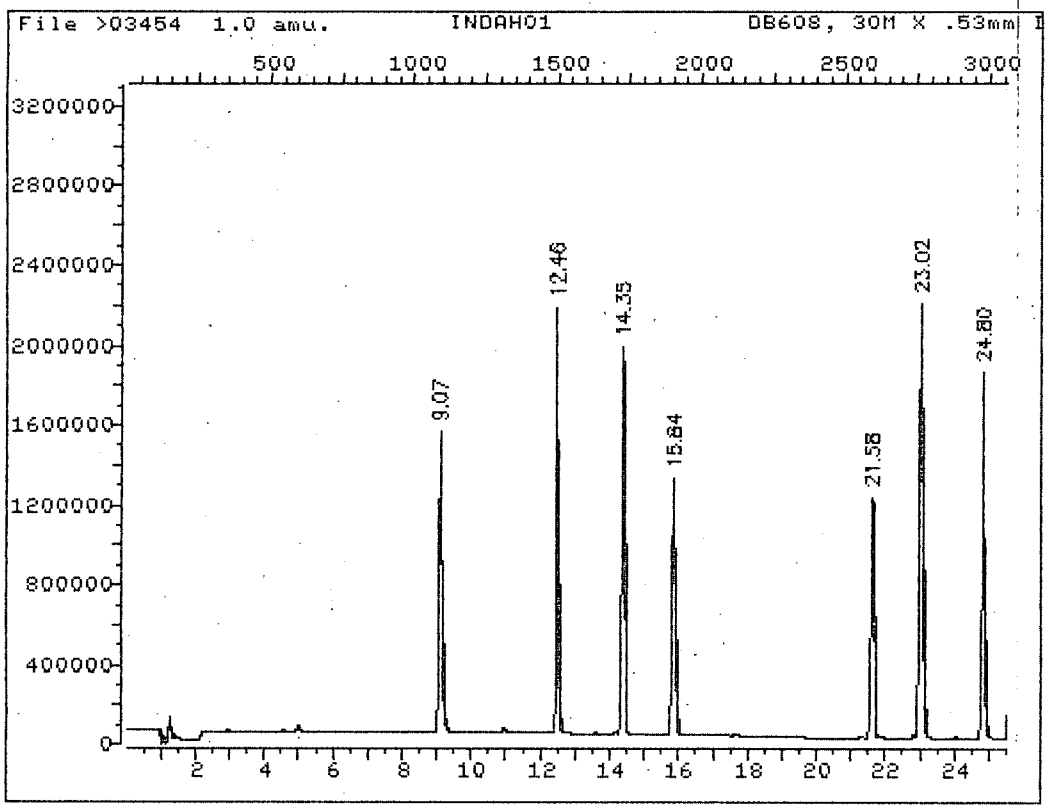
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:57
Output File: ^03454::GQ Injected at: 960724 03:33
Data File: >03454::G2 Dilution Factor: 1.00000
Name: INDAH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.07	1088	8816778	68.53	ng/ml	100
2)	#alpha-BHC	0.080	12.46	1495	11912406	78.56	ng/ml	100
5)	#gamma-BHC (Lindane)	0.080	14.35	1722	11046094	78.38	ng/ml	100
6)	#Heptachlor	0.080	15.84	1901	8318902	71.82	ng/ml	100
9)	#Endosulfan I	0.080	21.58	2590	7902400	72.77	ng/ml	100
10)	#Dieldrin	0.160	23.02	2762	14632498	149.34	ng/ml	100
12)	#Endrin	0.160	24.80	2976	13229460	148.51	ng/ml	100
14)	#4,4'-DDD	0.160	25.59	3071	10181122	166.69	ng/ml	100
16)	#4,4'-DDT	0.160	27.19	3262	10928262	158.96	ng/ml	100
17)	#Methoxychlor	0.800	32.42	3890	25742700	654.52	ng/ml	100
19)	#Decachlorobiphenyl	0.160	41.63	4995	14735338	123.69	ng/ml	100

Compound uses ESTD

EPui
7/30/96



Data File: >03454::G2 Quant Output File: ^03454::GQ
Name: INDAH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:57
Injected at: 960724 03:33

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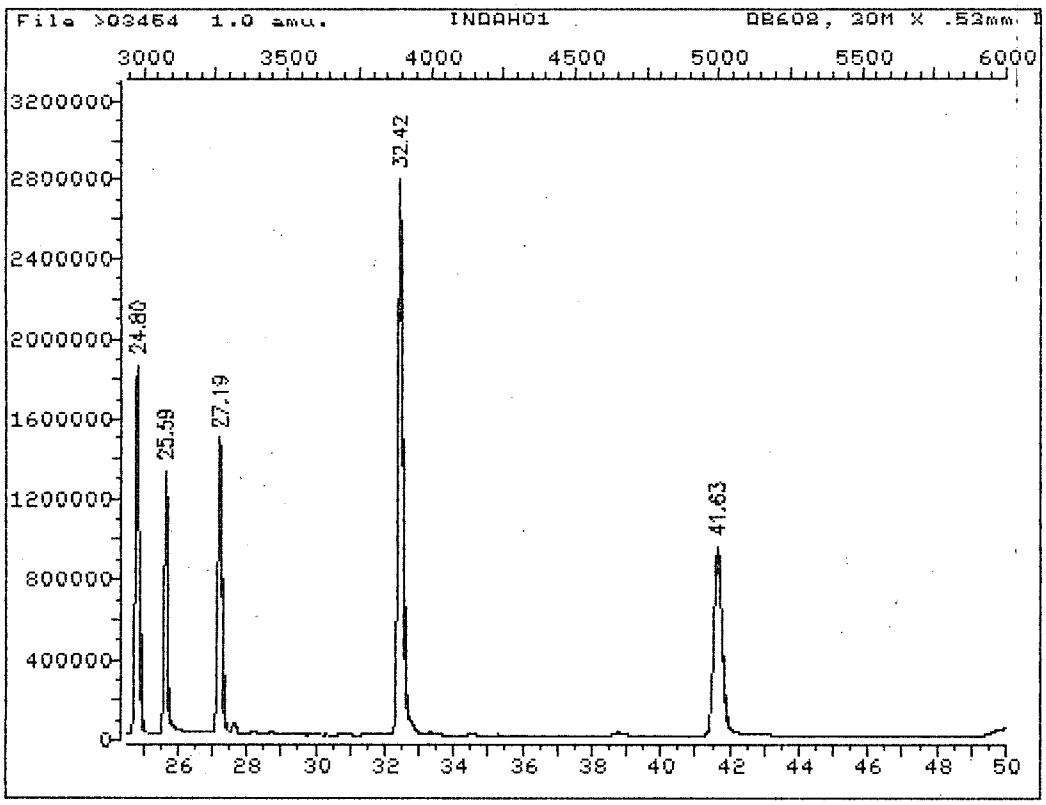

Data File: >03454::G2 Quant Output File: ^03454::GQ
Name: INDAH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:57
Injected at: 960724 03:33

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QUANT REPORT

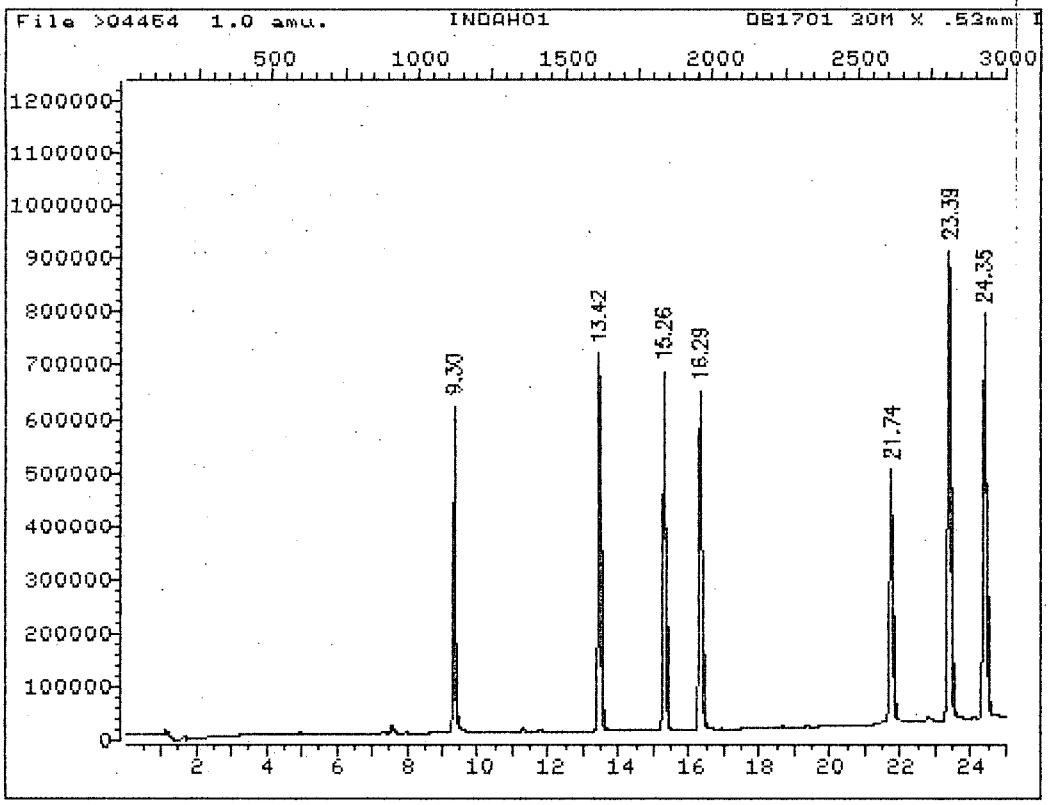
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:43
Output File: ^04454::GQ Injected at: 960724 03:33
Data File: >04454::G4 Dilution Factor: 1.00000
Name: INDAH01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.30	1116	3305713	74.30	ng/ml	100
2)	#alpha-BHC	0.080	13.42	1610	3353031	101.54	ng/ml	100
5)	#gamma-BHC (Lindane)	0.080	15.26	1831	3335339	95.18	ng/ml	100
6)	#Heptachlor	0.080	16.29	1955	3556731	74.34	ng/ml	100
9)	#Endosulfan I	0.080	21.74	2609	2754317	77.64	ng/ml	100
10)	#Dieldrin	0.160	23.39	2807	5335874	164.31	ng/ml	100
12)	#Endrin	0.160	24.35	2922	4790157	161.62	ng/ml	100
14)	#4,4'-DDD	0.160	26.50	3180	3303297	174.55	ng/ml	100
16)	#4,4'-DDT	0.160	27.40	3288	3153661	185.92	ng/ml	100
17)	#Methoxychlor	0.800	30.81	3697	9403090	724.44	ng/ml	100
19)	#Decachlorobiphenyl	0.160	38.68	4641	6266506	133.27	ng/ml	100

Compound uses ESTD

EPrui
7/30/96



Data File: >04454::G4 Quant Output File: ^04454::GQ
Name: INDAH01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:43
Injected at: 960724 03:33

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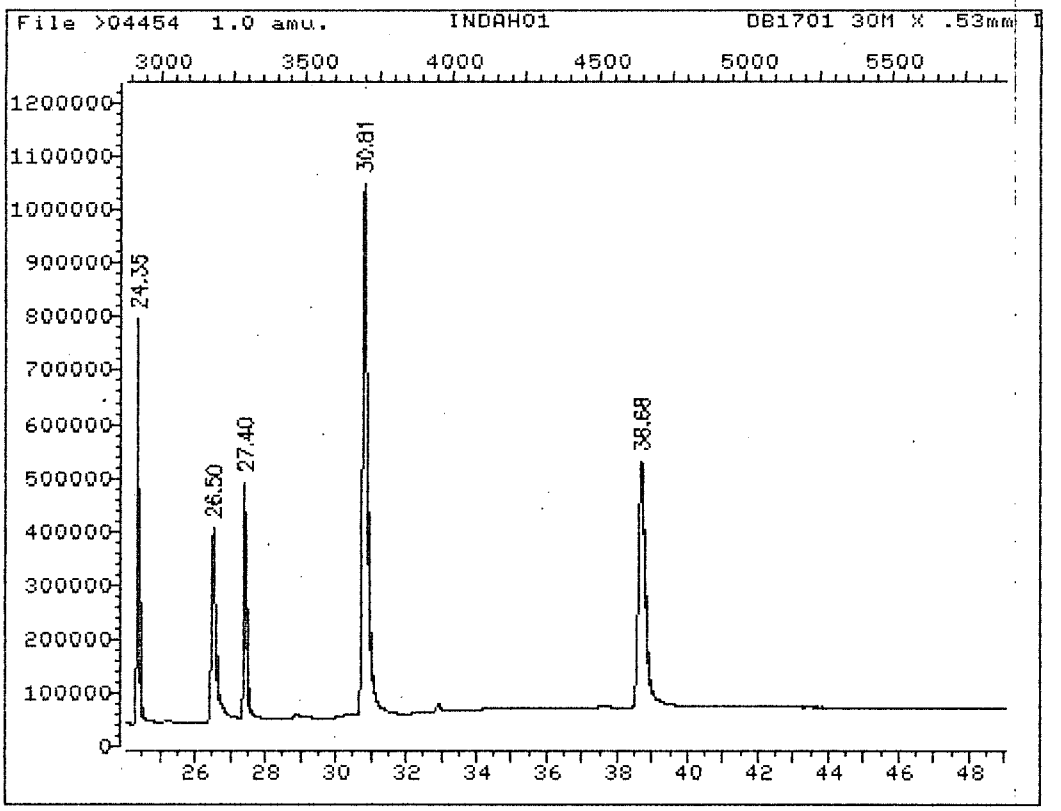

Data File: >04454::G4 Quant Output File: ^04454::GQ
Name: INDAH01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:43
Injected at: 960724 03:33

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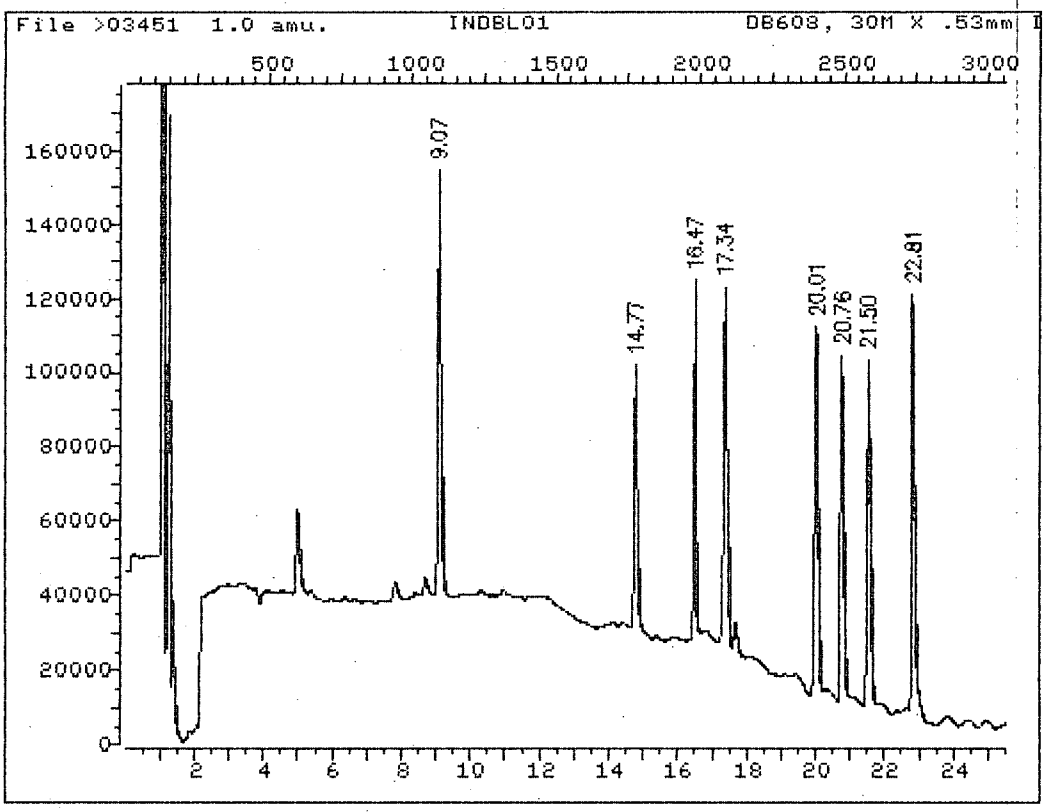
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:52
Output File: ^03451::GQ Injected at: 960724 00:49
Data File: >03451::G2 Dilution Factor: 1.00000
Name: INDBL01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.07	1088	643357	5.00	ng/ml	100
3)	#beta-BHC	0.005	14.77	1773	477486	5.64	ng/ml	100
4)	#delta-BHC	0.005	16.47	1977	535210	4.09	ng/ml	100
7)	#Aldrin	0.005	17.34	2081	646204	4.70	ng/ml	100
8)	#Heptachlor epoxide	0.005	20.01	2401	622443	4.82	ng/ml	100
11)	#4,4'-DDE	0.010	22.81	2737	879334	9.18	ng/ml	100
13)	#Endosulfan II	0.010	25.79	3095	925259	9.18	ng/ml	100
15)	#Endosulfan Sulfate	0.010	28.29	3395	912331	10.21	ng/ml	100
18)	#Endrin ketone	0.010	32.74	3929	860771	9.11	ng/ml	100
19)	#Decachlorobiphenyl	0.010	41.64	4997	1286545	10.80	ng/ml	100
20)	#alpha-Chlordane	0.005	21.50	2580	585100	4.72	ng/ml	100
21)	#gamma-Chlordane	0.005	20.76	2491	598010	4.72	ng/ml	100
30)	#Endrin aldehyde	0.010	27.59	3311	834137	10.23	ng/ml	100

Compound uses ESTD

EPrui
7/30/96



Data File: >03451::G2 Quant Output File: ^03451::GQ
Name: INDBL01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:52
Injected at: 960724 00:49

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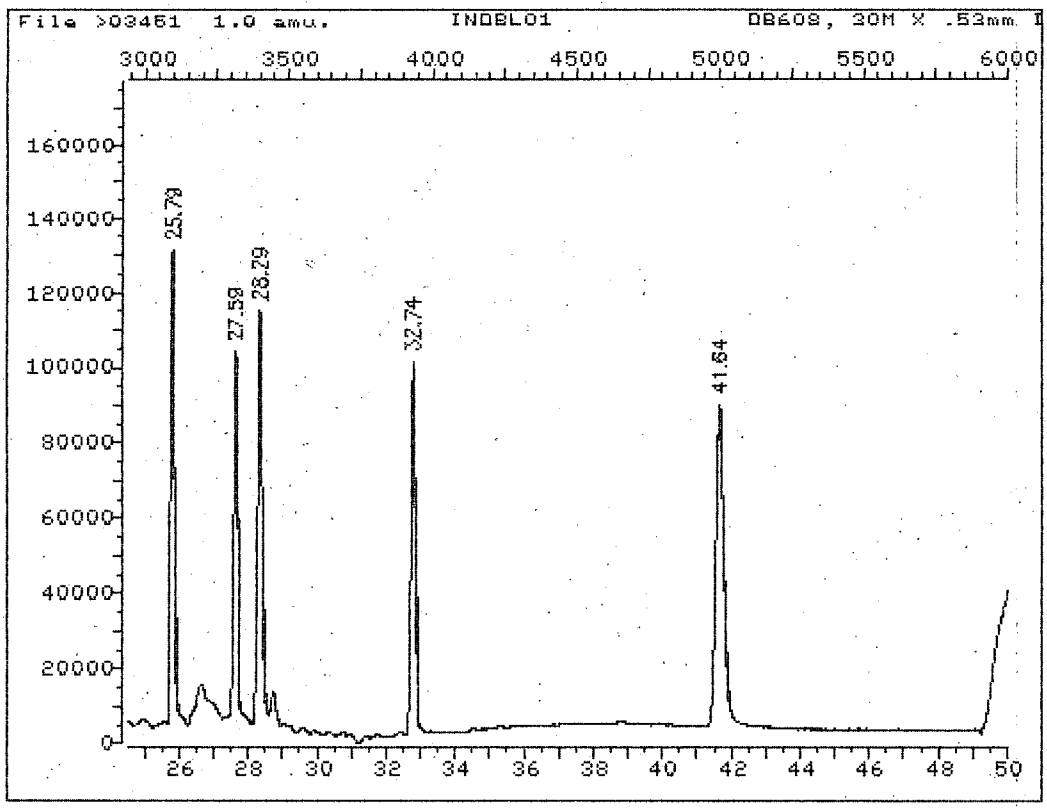

Data File: >03451::G2 Quant Output File: ^03451::GQ
Name: INDBL01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:52
Injected at: 960724 00:49

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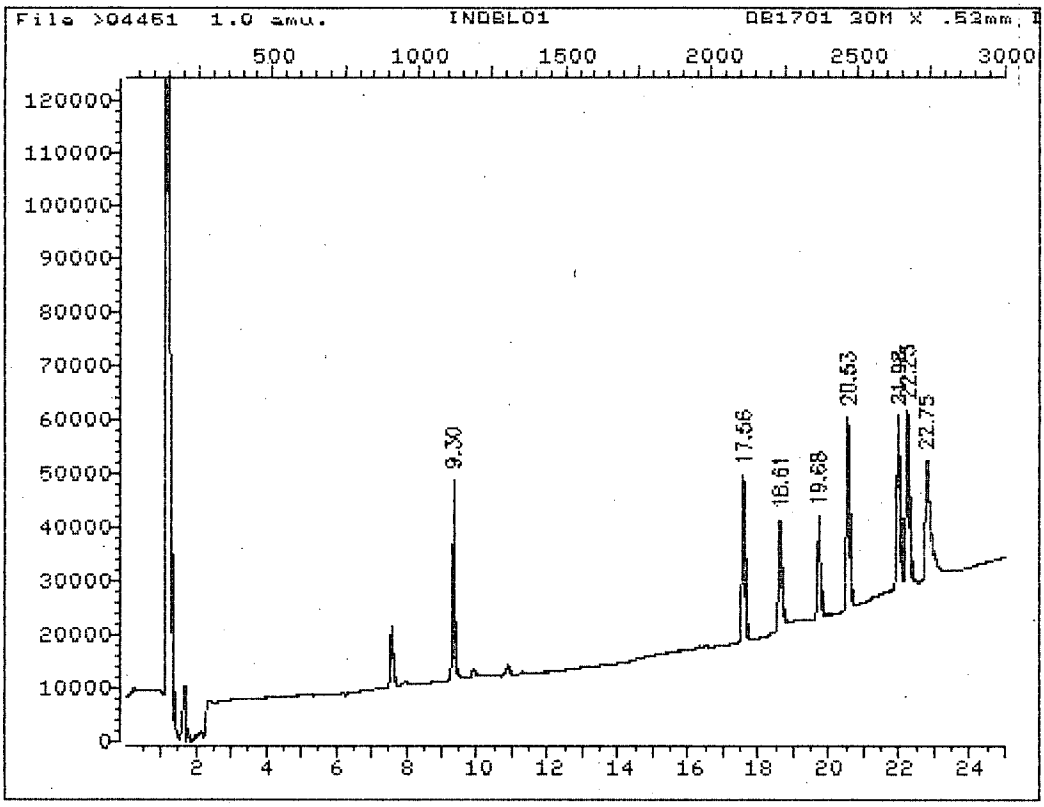
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:39
Output File: ^04451::GQ Injected at: 960724 00:49
Data File: >04451::G4 Dilution Factor: 1.00000
Name: INDBL01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.30	1116	229506	5.16	ng/ml	100
3)	#beta-BHC	0.005	18.61	2233	135903	5.34	ng/ml	100
4)	#delta-BHC	0.005	19.68	2362	107008	4.10	ng/ml	100
7)	#Aldrin	0.005	17.56	2107	186909	4.84	ng/ml	100
8)	#Heptachlor epoxide	0.005	20.53	2464	228784	5.15	ng/ml	100
11)	#4,4'-DDE	0.010	22.75	2730	260378	9.21	ng/ml	100
13)	#Endosulfan II	0.010	26.73	3207	295422	8.39	ng/ml	100
15)	#Endosulfan Sulfate	0.010	30.57	3668	235898	8.70	ng/ml	100
18)	#Endrin ketone	0.010	32.91	3949	368530	11.15	ng/ml	100
19)	#Decachlorobiphenyl	0.010	38.69	4643	479623	10.20	ng/ml	100
20)	#alpha-Chlordane	0.005	22.23	2667	195274	4.56	ng/ml	100
21)	#gamma-Chlordane	0.005	21.98	2637	192894	4.72	ng/ml	100
30)	#Endrin aldehyde	0.010	28.84	3461	317990	9.96	ng/ml	100

Compound uses ESTD

E Ruiz
7/30/96



Data File: >04451::G4 Quant Output File: ^04451::GQ
Name: INDBL01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:39
Injected at: 960724 00:49

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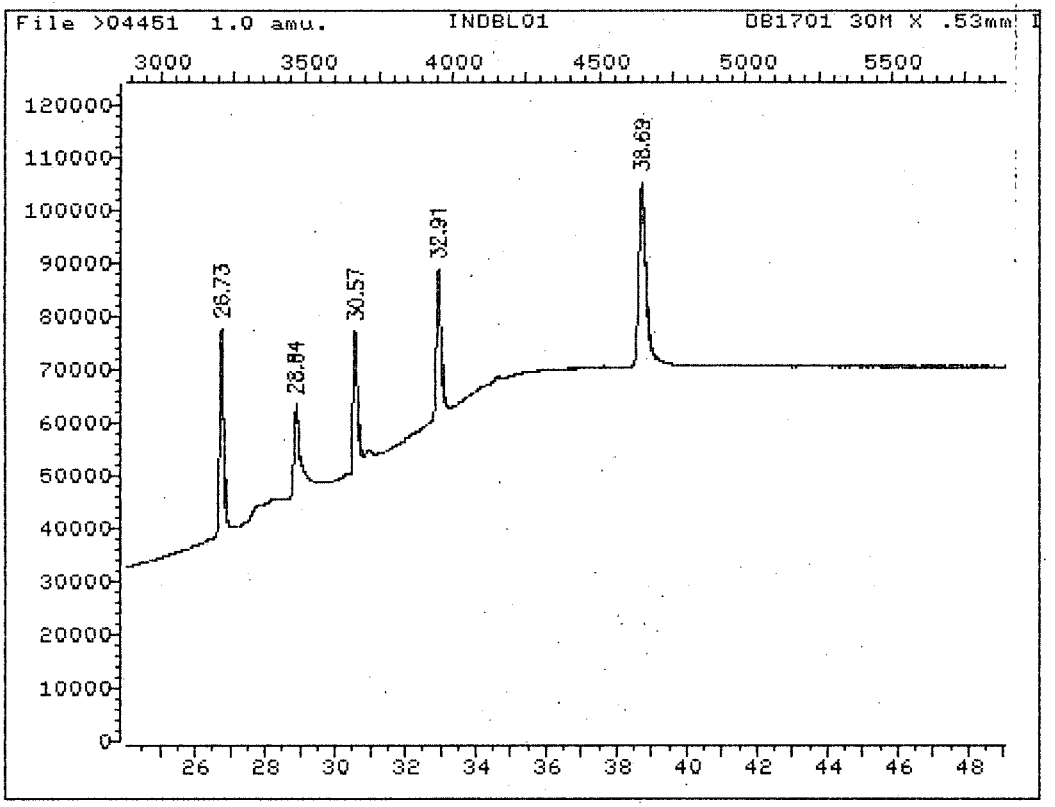

Data File: >04451::G4 Quant Output File: ^04451::GQ
Name: INDBL01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:39
Injected at: 960724 00:49

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QUANT REPORT

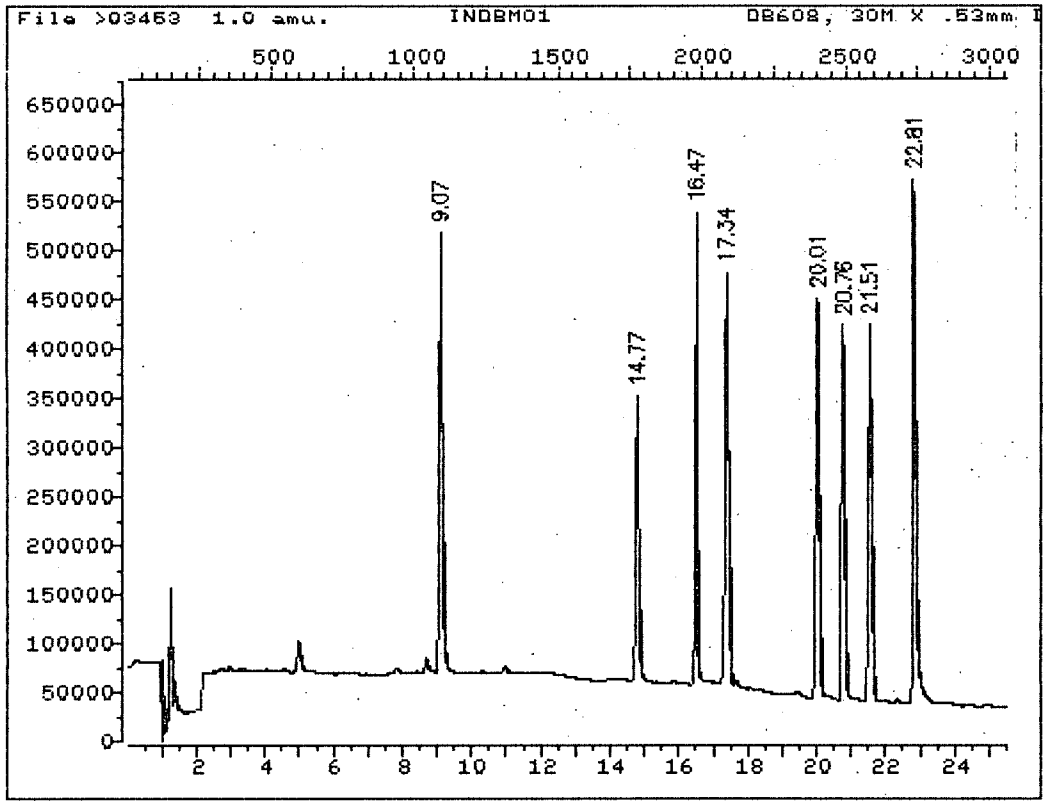
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:55
Output File: ^03453::GQ Injected at: 960724 02:38
Data File: >03453::G2 Dilution Factor: 1.00000
Name: INDBM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2549781	19.82	ng/ml	100
3)	#beta-BHC	0.020	14.77	1773	1693283	20.00	ng/ml	100
4)	#delta-BHC	0.020	16.47	1977	2619947	20.00	ng/ml	100
7)	#Aldrin	0.020	17.34	2081	2749341	20.00	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.01	2401	2584323	20.00	ng/ml	100
11)	#4,4'-DDE	0.040	22.81	2737	3830019	40.00	ng/ml	100
13)	#Endosulfan II	0.040	25.79	3094	4029602	40.00	ng/ml	100
15)	#Endosulfan Sulfate	0.040	28.29	3395	3573031	40.00	ng/ml	100
18)	#Endrin ketone	0.040	32.74	3929	3777434	40.00	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.63	4996	4845287	40.67	ng/ml	100
20)	#alpha-Chlordane	0.020	21.51	2581	2478755	20.00	ng/ml	100
21)	#gamma-Chlordane	0.020	20.76	2491	2536349	20.00	ng/ml	100
30)	#Endrin aldehyde	0.040	27.59	3311	3260263	40.00	ng/ml	100

Compound uses ESTD

EPui
7/30/96



Data File: >03453::G2 Quant Output File: ^03453::GQ
Name: INDBM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:55
Injected at: 960724 02:38

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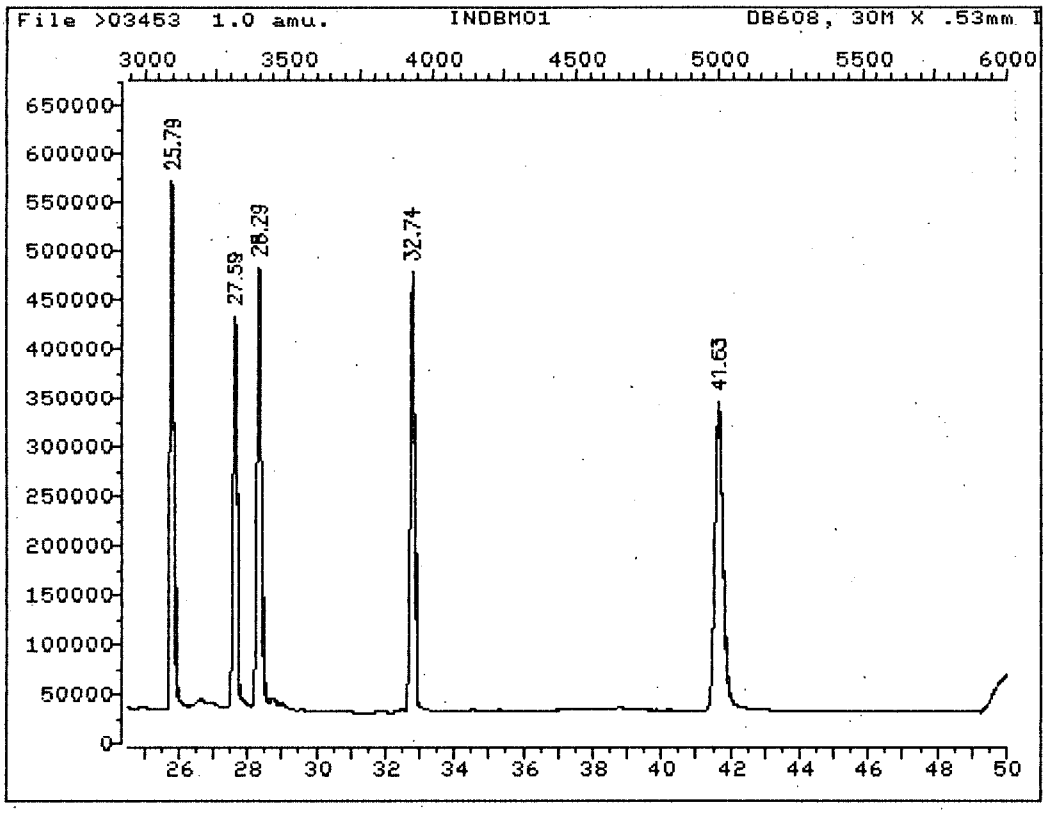

Data File: >03453::G2 Quant Output File: ^03453::GQ
Name: INDBM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:55
Injected at: 960724 02:38

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QUANT REPORT

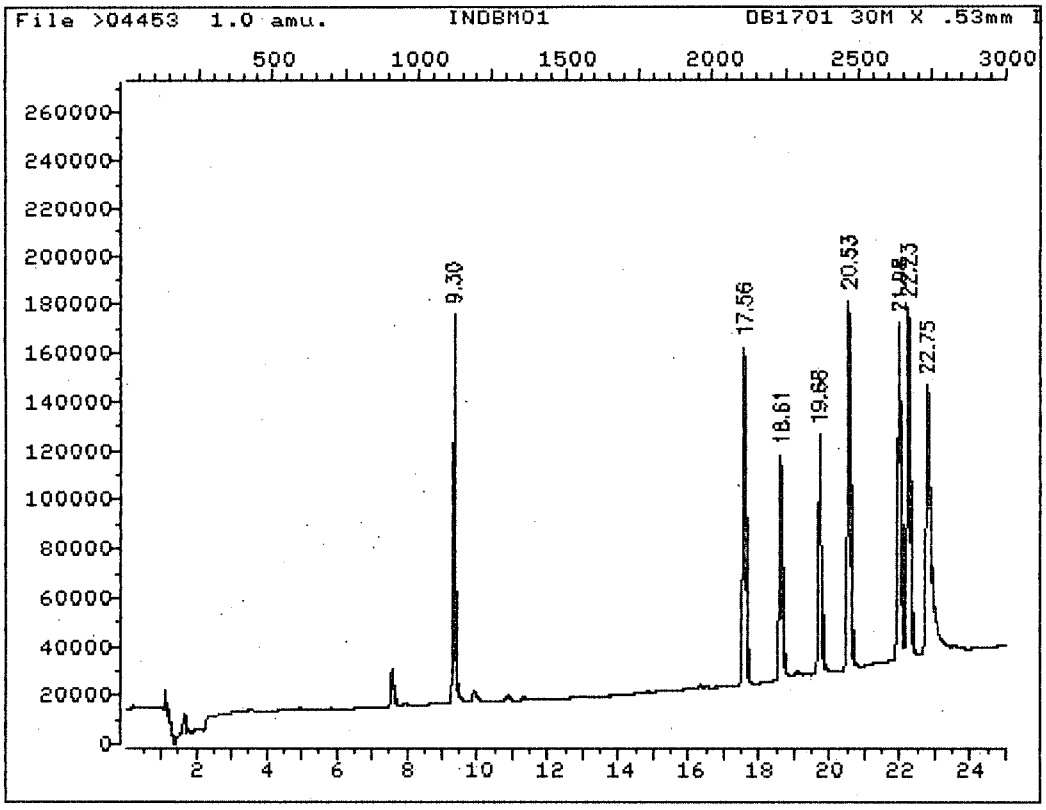
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:42
Output File: ^04453::GQ Injected at: 960724 02:38
Data File: >04453::G4 Dilution Factor: 1.00000
Name: INDBM01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	894146	20.10	ng/ml	100
3)	#beta-BHC	0.020	18.61	2233	507908	19.95	ng/ml	100
4)	#delta-BHC	0.020	19.68	2362	522035	19.98	ng/ml	100
7)	#Aldrin	0.020	17.56	2107	772305	20.00	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.53	2464	888594	20.00	ng/ml	100
11)	#4,4'-DDE	0.040	22.75	2730	1127604	39.88	ng/ml	100
13)	#Endosulfan II	0.040	26.73	3207	1408483	40.00	ng/ml	100
15)	#Endosulfan Sulfate	0.040	30.57	3668	1080679	39.86	ng/ml	100
18)	#Endrin ketone	0.040	32.91	3949	1321730	40.00	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.69	4643	1913486	40.70	ng/ml	100
20)	#alpha-Chlordane	0.020	22.23	2667	855924	20.00	ng/ml	100
21)	#gamma-Chlordane	0.020	21.98	2637	818032	20.00	ng/ml	100
30)	#Endrin aldehyde	0.040	28.84	3460	1264318	39.60	ng/ml	100

Compound uses ESTD

EPMc
7/30/96



Data File: >04453::G4 Quant Output File: ^04453::GQ
Name: INDBM01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:42
Injected at: 960724 02:38

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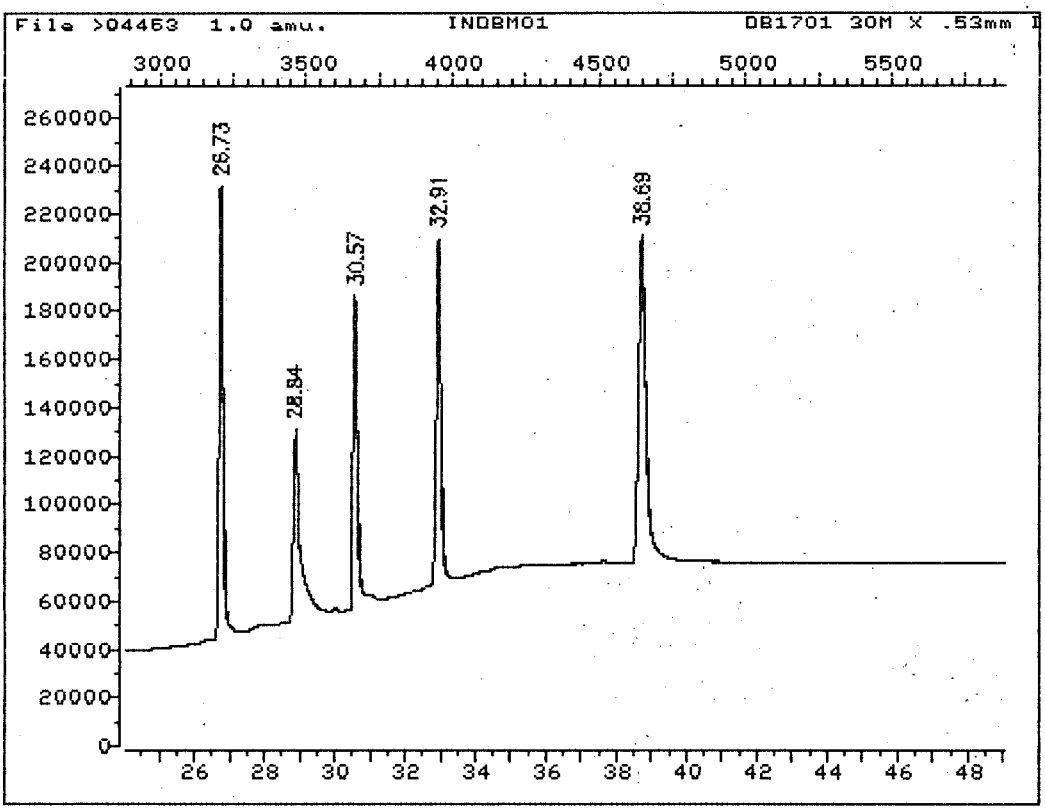

Data File: >04453::G4 Quant Output File: ^04453::GQ
Name: INDBM01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:42
Injected at: 960724 02:38

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Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:01
Output File: ^03455::GQ Injected at: 960724 04:27
Data File: >03455::G2 Dilution Factor: 1.00000
Name: INDBH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.07	1088	8557156	66.51	ng/ml	100
3)	#beta-BHC	0.080	14.77	1773	5744358	67.85	ng/ml	100
4)	#delta-BHC	0.080	16.47	1977	10703462	81.71	ng/ml	100
7)	#Aldrin	0.080	17.34	2081	10023676	72.92	ng/ml	100
8)	#Heptachlor epoxide	0.080	20.01	2401	8999750	69.65	ng/ml	100
11)	#4,4'-DDE	0.160	22.80	2736	14530218	151.75	ng/ml	100
13)	#Endosulfan II	0.160	25.79	3094	13901598	137.99	ng/ml	100
15)	#Endosulfan Sulfate	0.160	28.29	3395	12226514	136.88	ng/ml	100
18)	#Endrin ketone	0.160	32.74	3929	13450570	142.43	ng/ml	100
19)	#Decachlorobiphenyl	0.160	41.63	4995	14651504	122.99	ng/ml	100
20)	#alpha-Chlordane	0.080	21.51	2581	8664688	69.91	ng/ml	100
21)	#gamma-Chlordane	0.080	20.76	2491	8722010	68.78	ng/ml	100
30)	#Endrin aldehyde	0.160	27.59	3310	10965484	134.53	ng/ml	100

Compound uses ESTD

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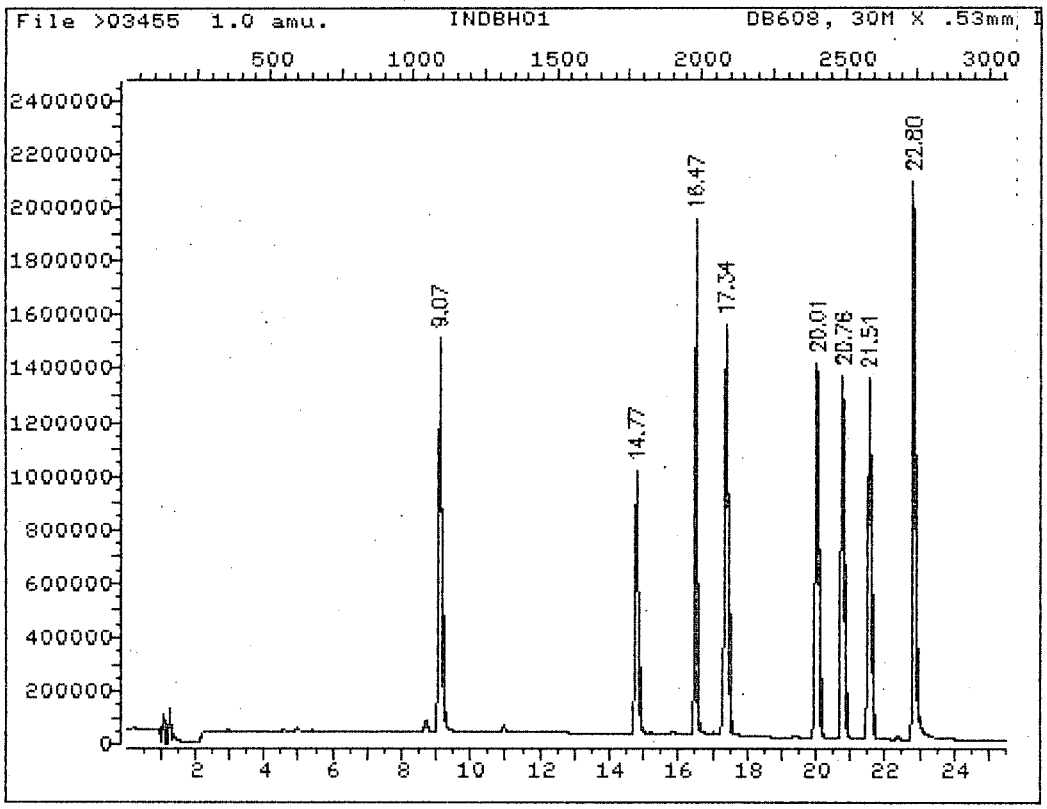
7/30/96



Data File: >03455::G2 Quant Output File: ^03455::GQ
Name: INDBH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:01
Injected at: 960724 04:27

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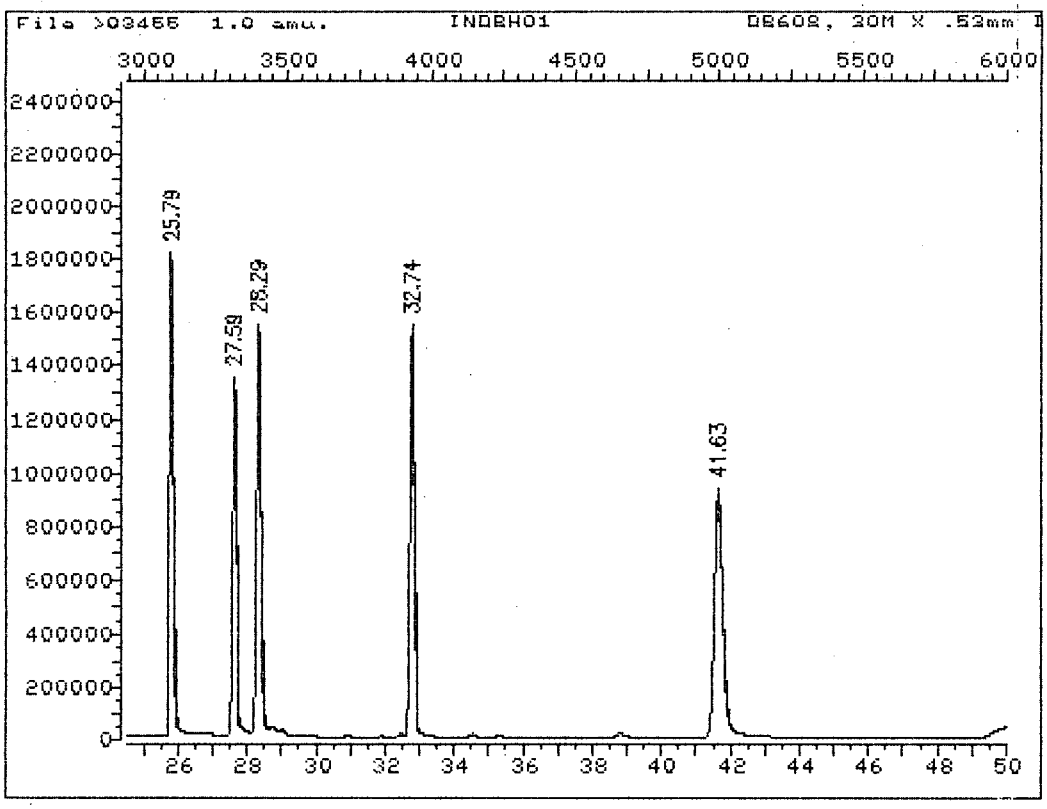

Data File: >03455::G2 Quant Output File: ^03455::GQ
Name: INDBH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:01
Injected at: 960724 04:27

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Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:44
Output File: ^04455::GQ Injected at: 960724 04:27
Data File: >04455::G4 Dilution Factor: 1.00000
Name: INDBH01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.30	1116	3200404	71.93	ng/ml	100
3)	#beta-BHC	0.080	18.61	2233	1989531	78.14	ng/ml	100
4)	#delta-BHC	0.080	19.68	2362	2689043	102.93	ng/ml	100
7)	#Aldrin	0.080	17.56	2107	3139104	81.29	ng/ml	100
8)	#Heptachlor epoxide	0.080	20.53	2464	3253965	73.24	ng/ml	100
11)	#4,4'-DDE	0.160	22.74	2729	4651362	164.50	ng/ml	100
13)	#Endosulfan II	0.160	26.72	3206	5394687	153.21	ng/ml	100
15)	#Endosulfan Sulfate	0.160	30.56	3667	4218168	155.57	ng/ml	100
18)	#Endrin ketone	0.160	32.90	3948	4885577	147.85	ng/ml	100
19)	#Decachlorobiphenyl	0.160	38.68	4641	6237943	132.67	ng/ml	100
20)	#alpha-Chlordane	0.080	22.23	2667	3131271	73.15	ng/ml	100
21)	#gamma-Chlordane	0.080	21.97	2636	3024850	73.95	ng/ml	100
30)	#Endrin aldehyde	0.160	28.83	3459	4462016	139.75	ng/ml	100

Compound uses ESTD

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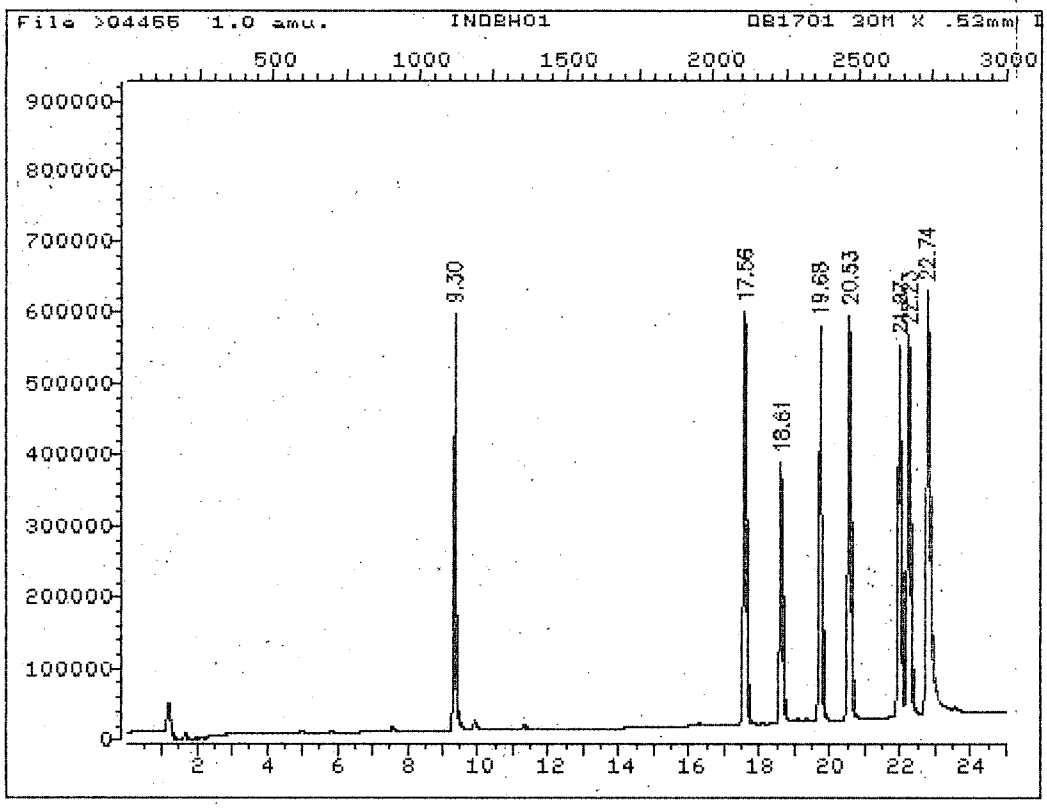
7/30/96



Data File: >04455::G4 Quant Output File: ^04455::GQ
Name: INDBH01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:44
Injected at: 960724 04:27

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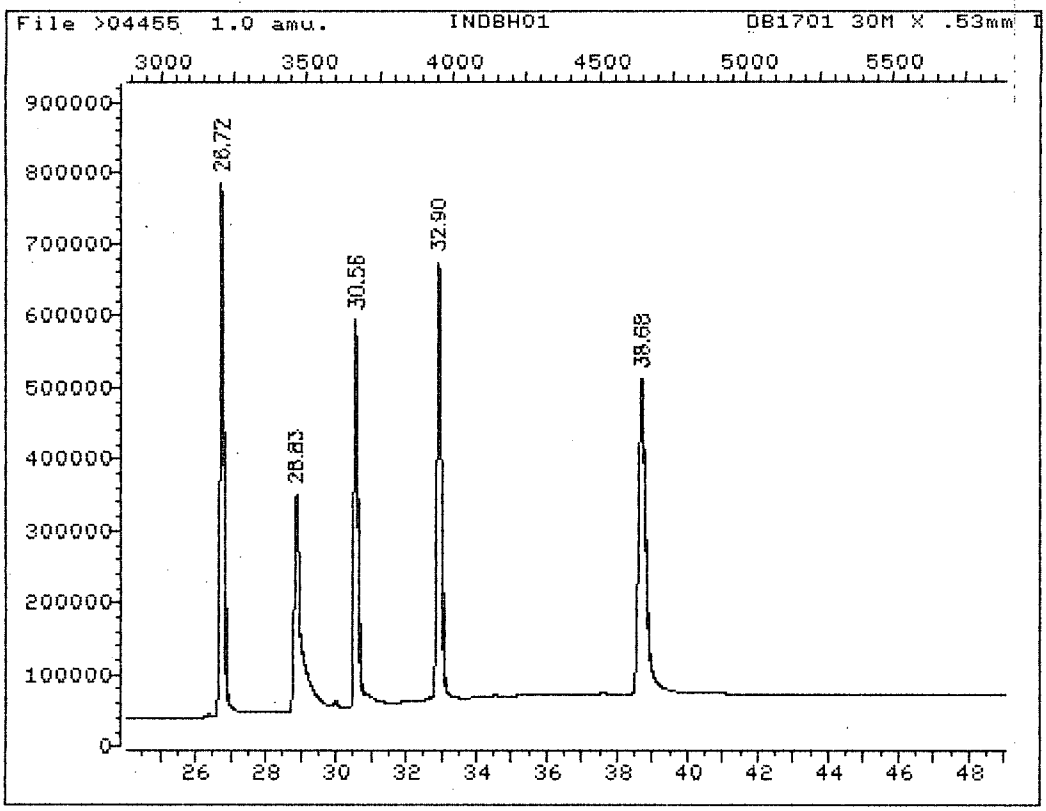

Data File: >04455::G4 Quant Output File: ^04455::GQ
Name: INDBH01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:44
Injected at: 960724 04:27

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:41
Output File: ^03443::GQ Injected at: 960723 17:31
Data File: >03443::G2 Dilution Factor: 1.00000
Name: AR166001 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2303884	17.91	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4995	2439099	20.47	ng/ml	100
23)	#Aroclor-1016(1)	0.100	12.28	1474	275207	100.00	ng/ml	100
29)	#Aroclor-1260(1)	0.100	24.38	2926	621612	100.00	ng/ml	100
34)	#Aroclor-1016(2)	0.100	14.29	1715	587294	99.73	ng/ml	100
35)	#Aroclor-1016(3)	0.100	16.01	1921	1110185	100.00	ng/ml	100
36)	#Aroclor-1016(4)	0.100	16.76	2011	381902	100.00	ng/ml	100
37)	#Aroclor-1016(5)	0.100	19.00	2280	335799	99.95	ng/ml	100
55)	#Aroclor-1260(2)	0.100	24.84	2981	699221	100.00	ng/ml	100
56)	#Aroclor-1260(3)	0.100	26.55	3186	684173	100.00	ng/ml	100
57)	#Aroclor-1260(4)	0.100	30.14	3617	1238504	99.22	ng/ml	100
58)	#Aroclor-1260(5)	0.100	32.91	3949	534719	100.27	ng/ml	100

Compound uses ESTD

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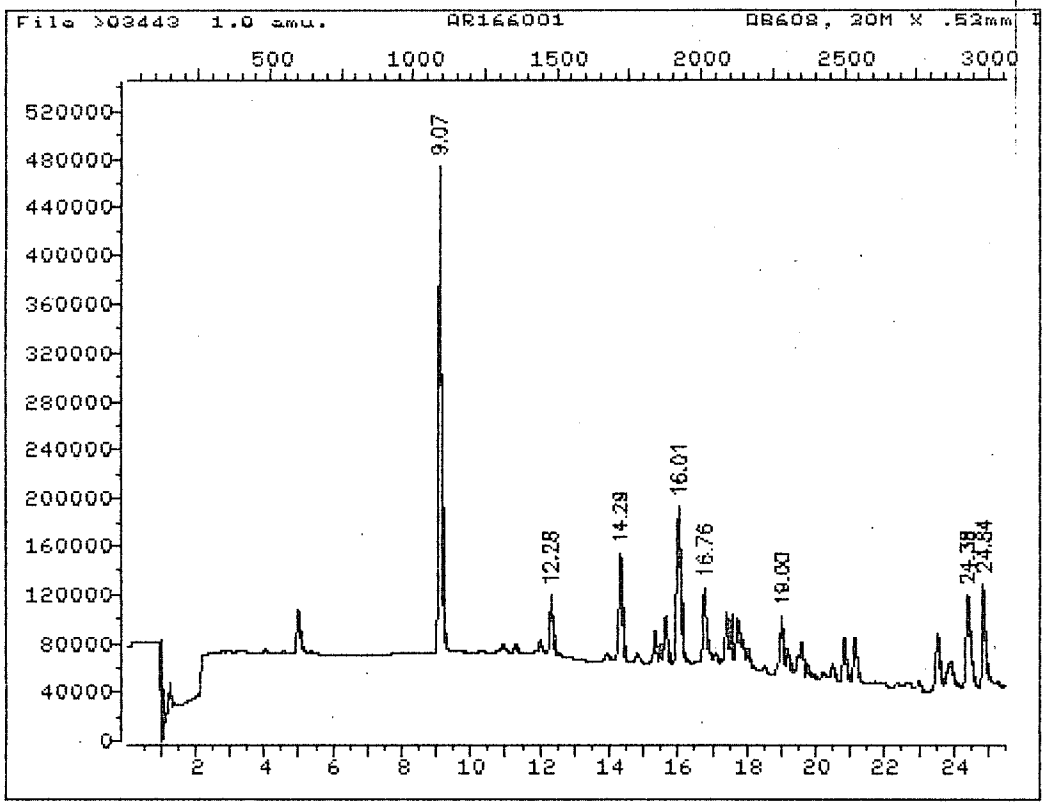
7/30/96



Data File: >03443::G2 Quant Output File: ^03443::GQ
Name: AR166001 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:41
Injected at: 960723 17:31

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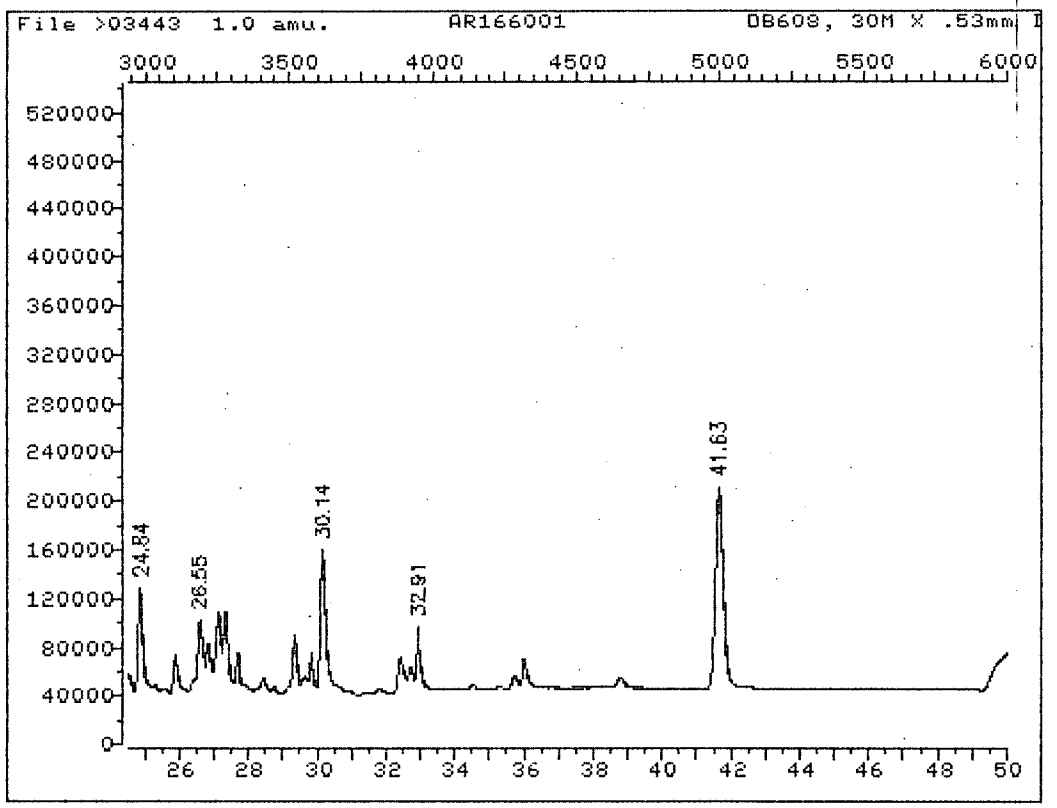

Data File: >03443::G2 Quant Output File: ^03443::GQ
Name: AR166001 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:41
Injected at: 960723 17:31

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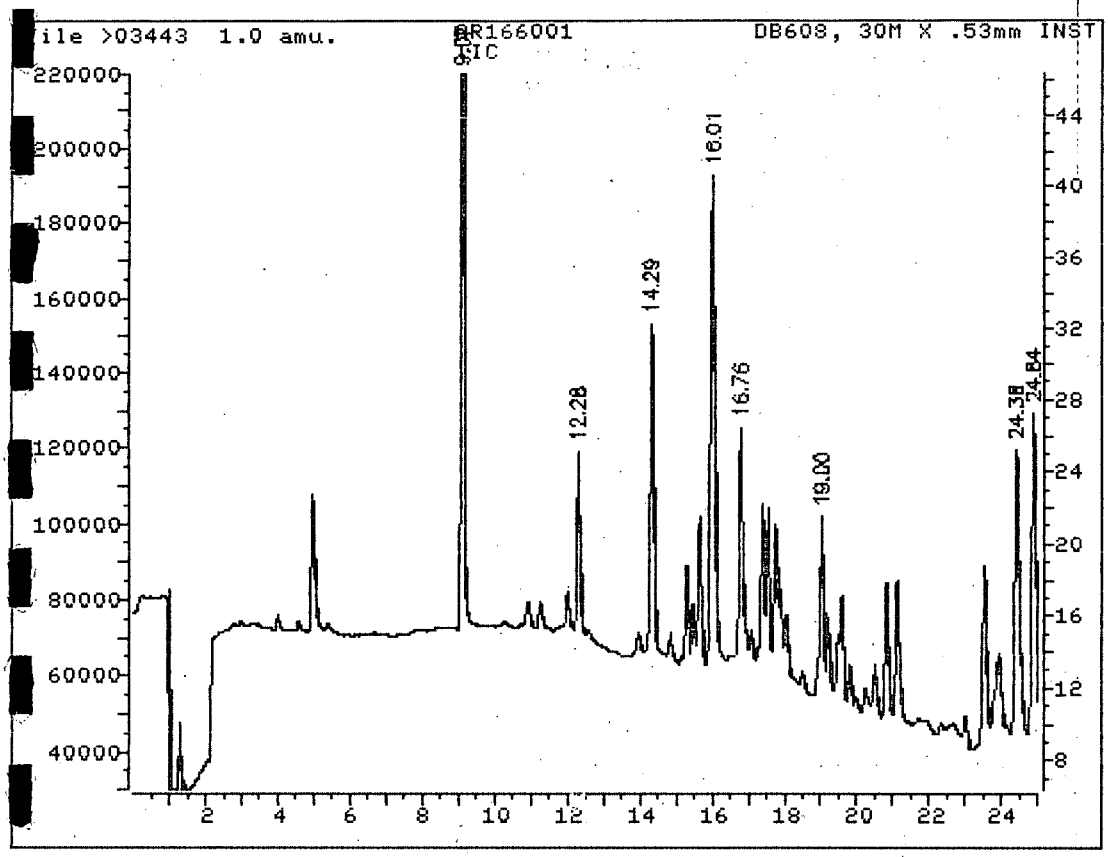
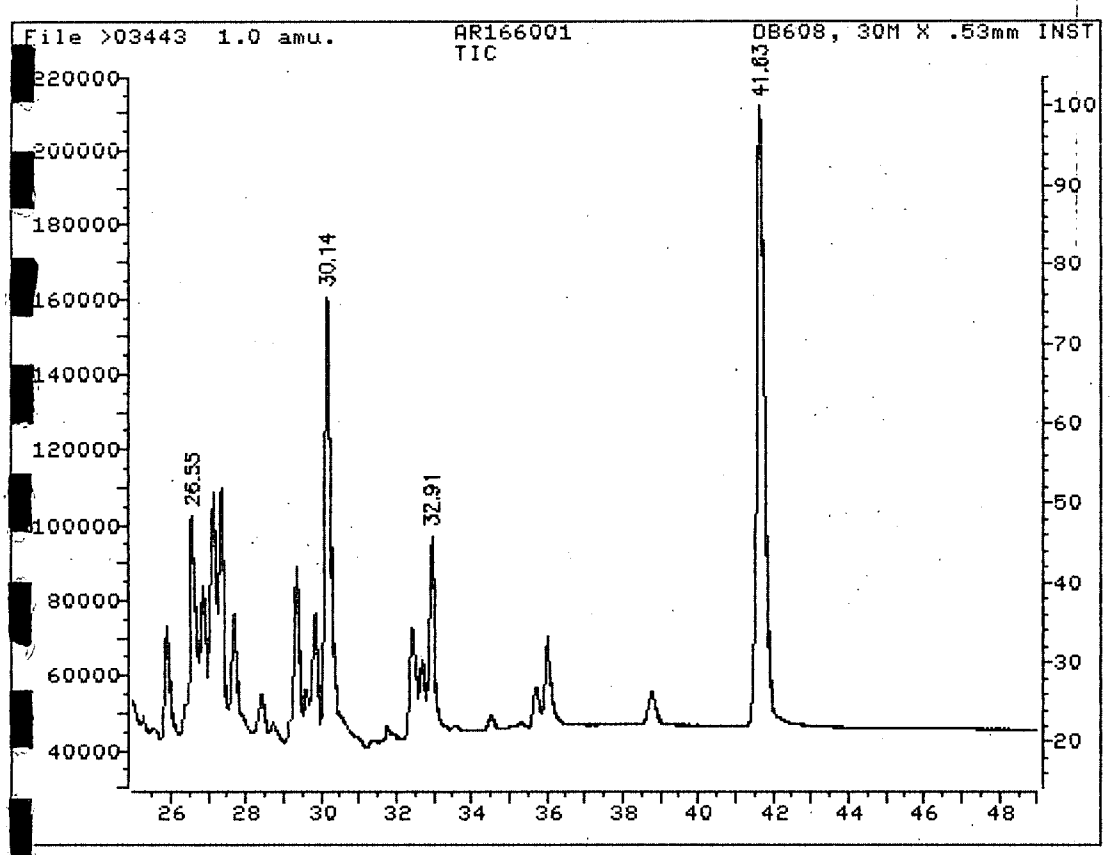


MS data file header from : >03443::G2

Sample: AR166001 Operator: TRFI2 7/23/96 17:31
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03443::G2

Sample: AR166001 Operator: TRFI2 7/23/96 17:31
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:25
Output File: ^04443::GQ Injected at: 960723 17:31
Data File: >04443::G4 Dilution Factor: 1.00000
Name: AR166001 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	811330	18.24	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.68	4641	929381	19.77	ng/ml	100
23)	#Aroclor-1016(1)	0.100	12.07	1448	120101	100.00	ng/ml	100
29)	#Aroclor-1260(1)	0.100	23.77	2852	241761	100.00	ng/ml	100
34)	#Aroclor-1016(2)	0.100	13.83	1660	242074	100.00	ng/ml	100
35)	#Aroclor-1016(3)	0.100	15.97	1916	394135	100.00	ng/ml	100
36)	#Aroclor-1016(4)	0.100	16.52	1983	150708	101.07	ng/ml	100
37)	#Aroclor-1016(5)	0.100	18.55	2226	197590	99.91	ng/ml	100
55)	#Aroclor-1260(2)	0.100	24.89	2987	270655	99.65	ng/ml	100
56)	#Aroclor-1260(3)	0.100	28.43	3411	157739	100.00	ng/ml	100
57)	#Aroclor-1260(4)	0.100	30.05	3606	426285	100.00	ng/ml	100
58)	#Aroclor-1260(5)	0.100	32.02	3842	266740	100.00	ng/ml	100

Compound uses ESTD

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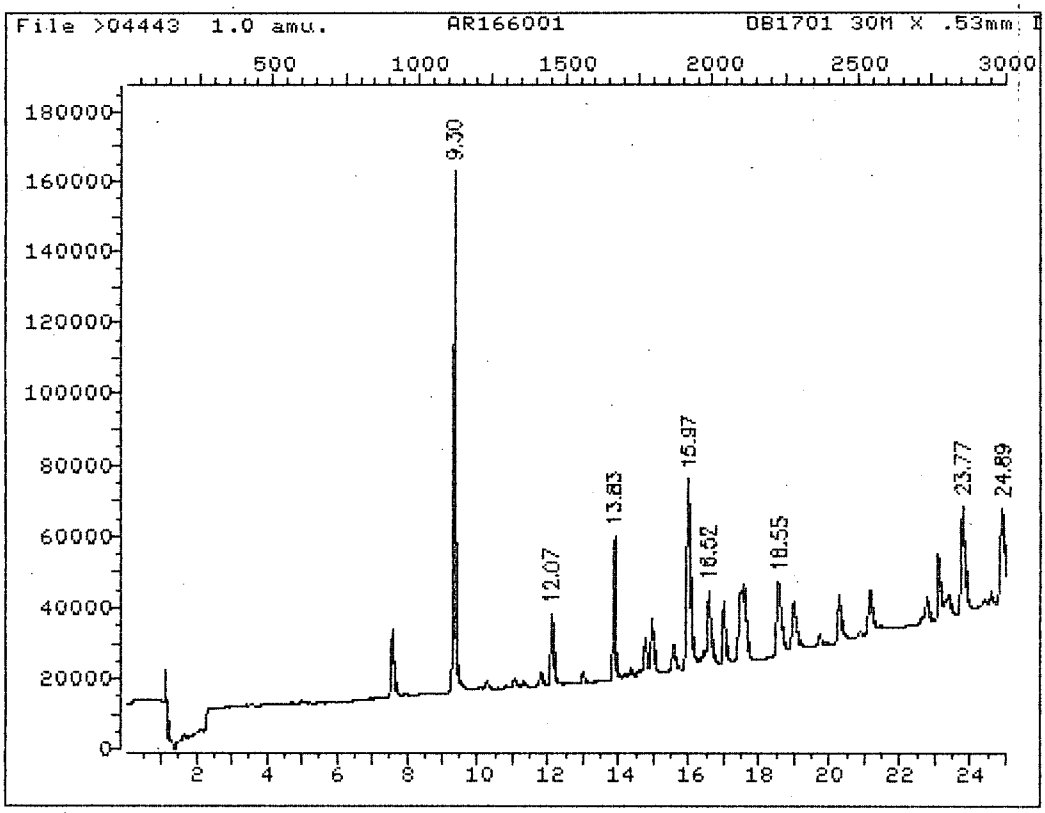

Data File: >04443::G4 Quant Output File: ^04443::GQ
Name: AR166001 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:25
Injected at: 960723 17:31

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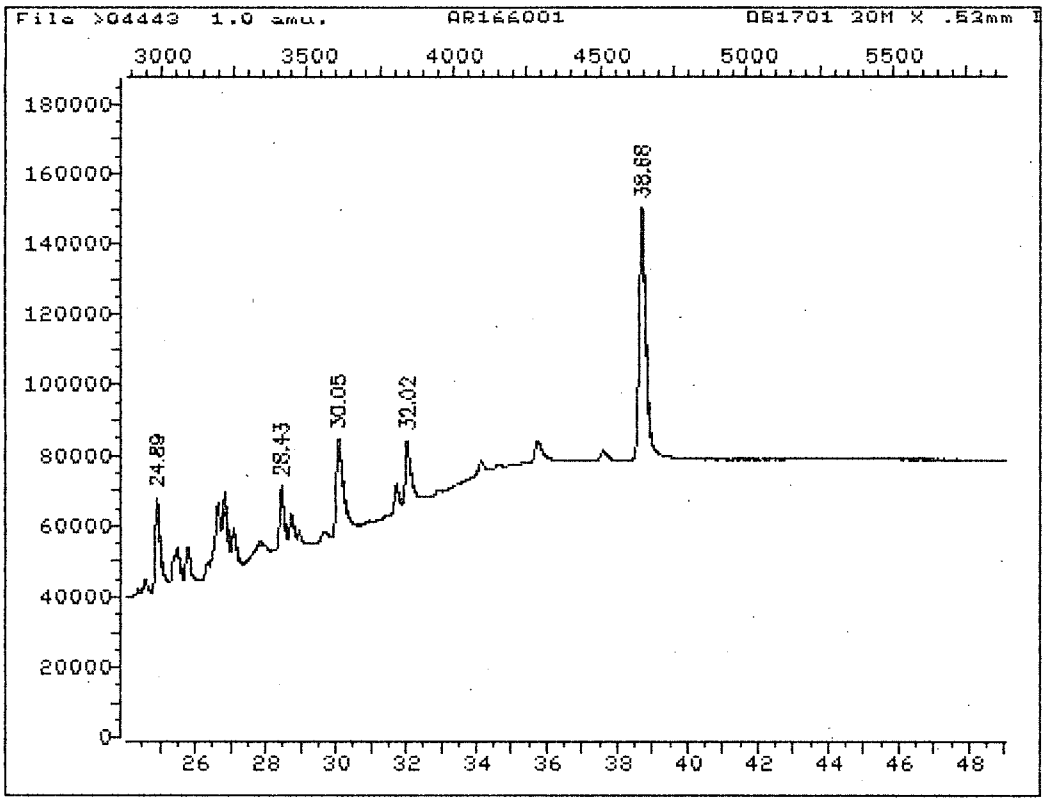

Data File: >04443::G4 Quant Output File: ^04443::GQ
Name: AR166001 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:25
Injected at: 960723 17:31

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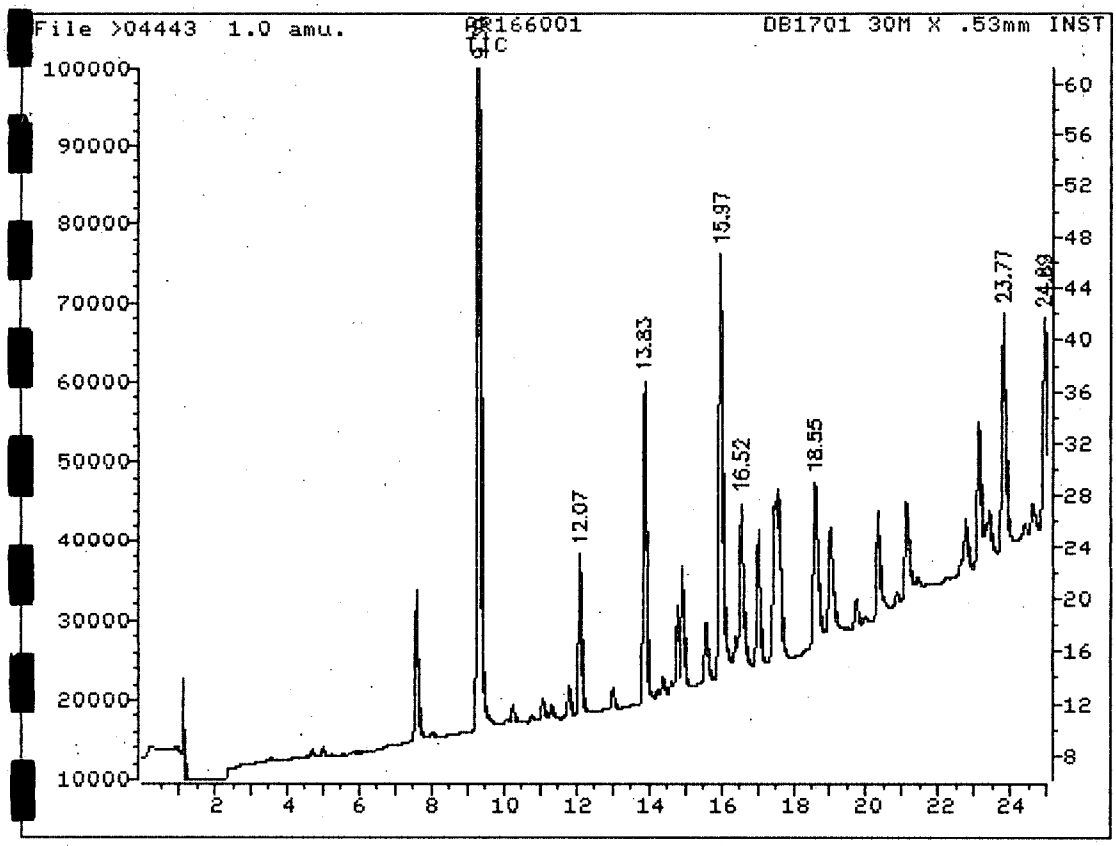
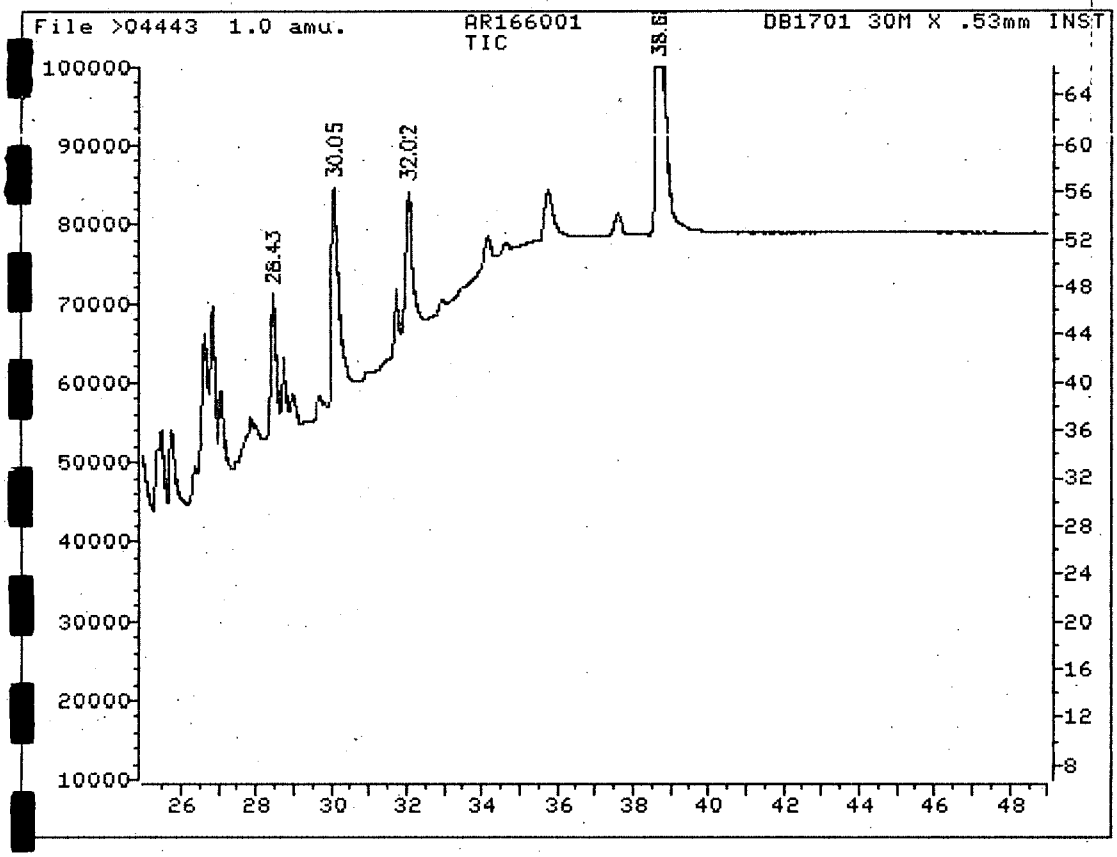


MS data file header from : >04443::G4

Sample: AR166001 Operator: TRFI2 7/23/96 17:31
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04443::G4

Sample: AR166001 Operator: TRFI2 7/23/96 17:31
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:43
Output File: ^03444::GQ Injected at: 960723 18:26
Data File: >03444::G2 Dilution Factor: 1.00000
Name: AR122101 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2234455	17.37	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4996	2370005	19.89	ng/ml	100
24)	#Aroclor-1221(1)	0.200	7.89	947	163507	200.00	ng/ml	100
38)	#Aroclor-1221(2)	0.200	11.25	1350	320184	200.00	ng/ml	100
39)	#Aroclor-1221(3)	0.200	12.28	1474	731238	200.00	ng/ml	100

Compound uses ESTD

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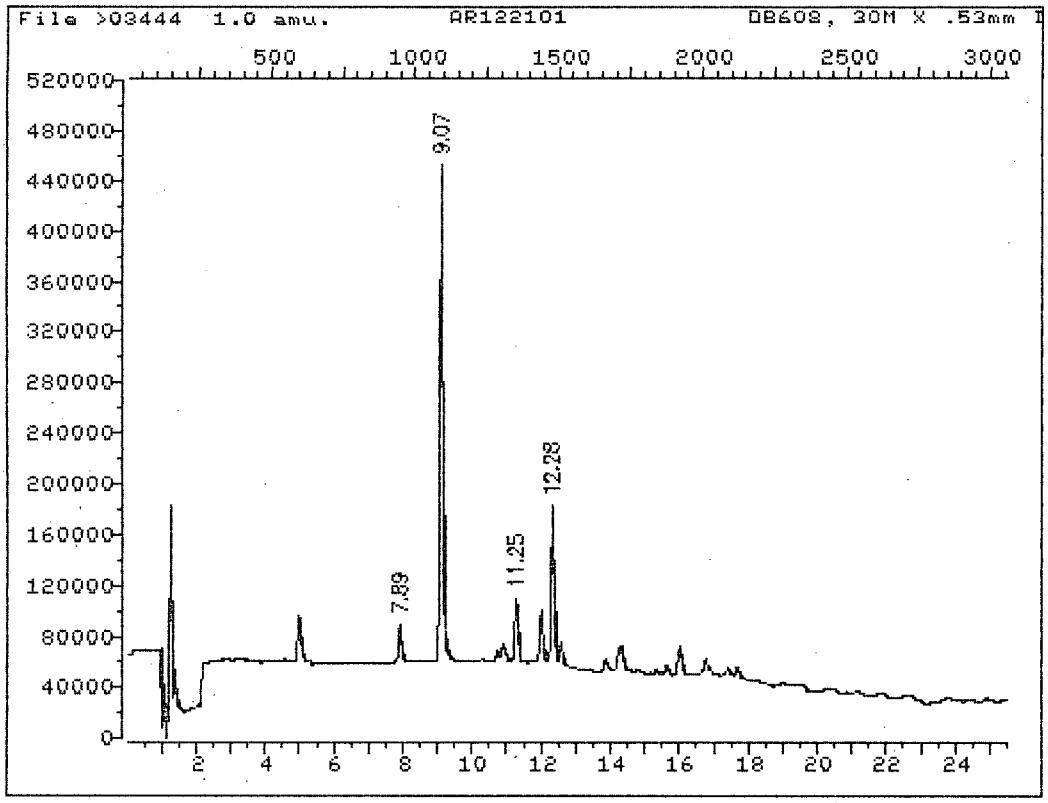
7/30/96



Data File: >03444::G2 Quant Output File: ^03444::GQ
Name: AR122101 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:43
Injected at: 960723 18:26

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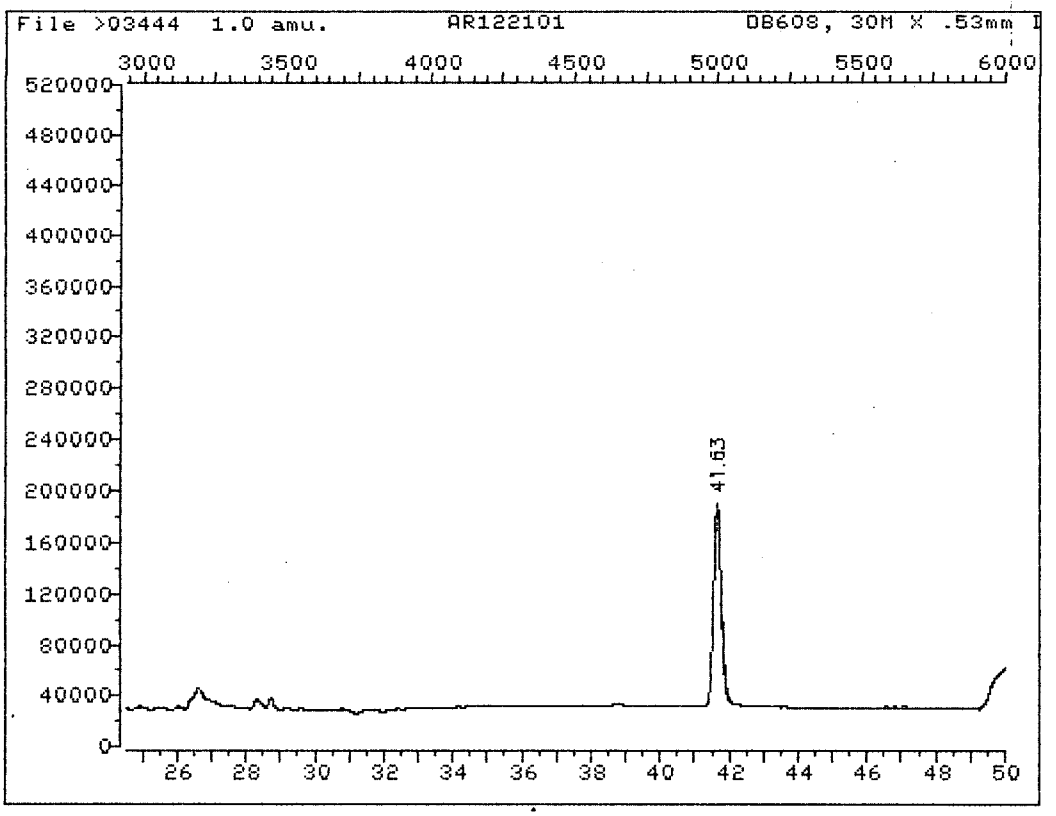

Data File: >03444::G2 Quant Output File: ^03444::GQ
Name: AR122101 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:43
Injected at: 960723 18:26

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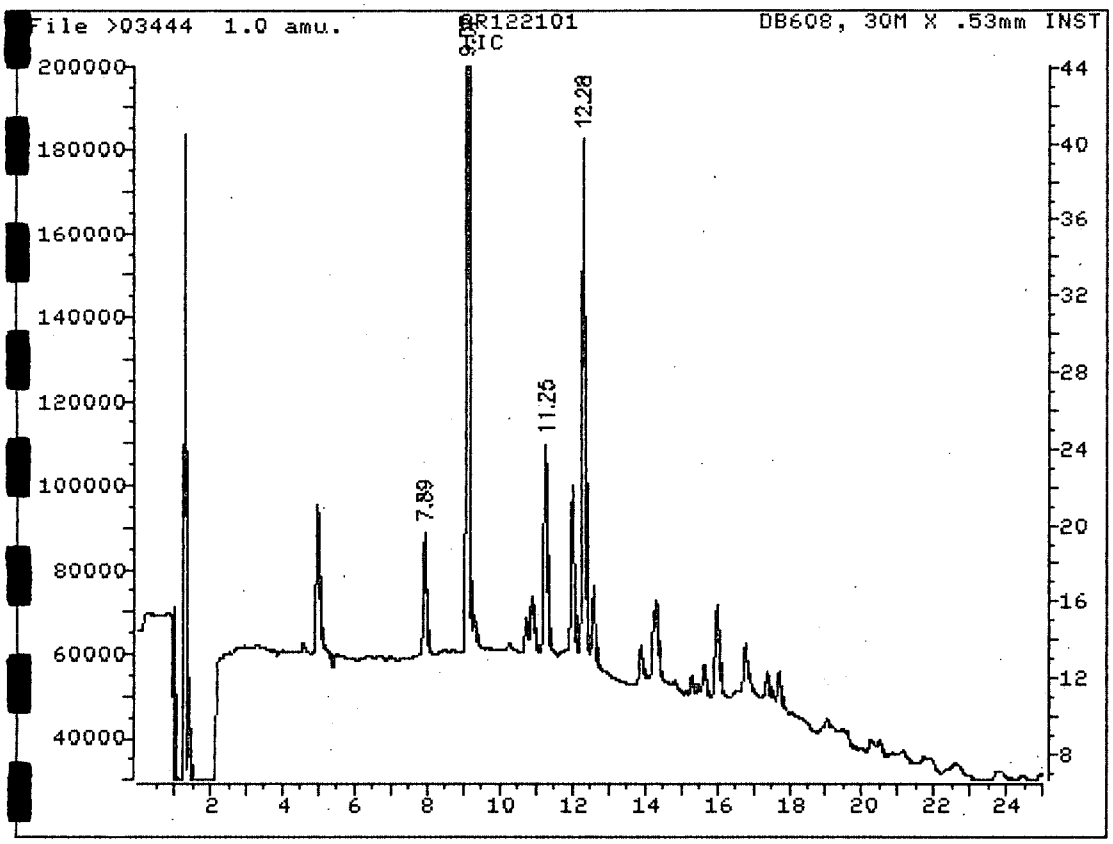
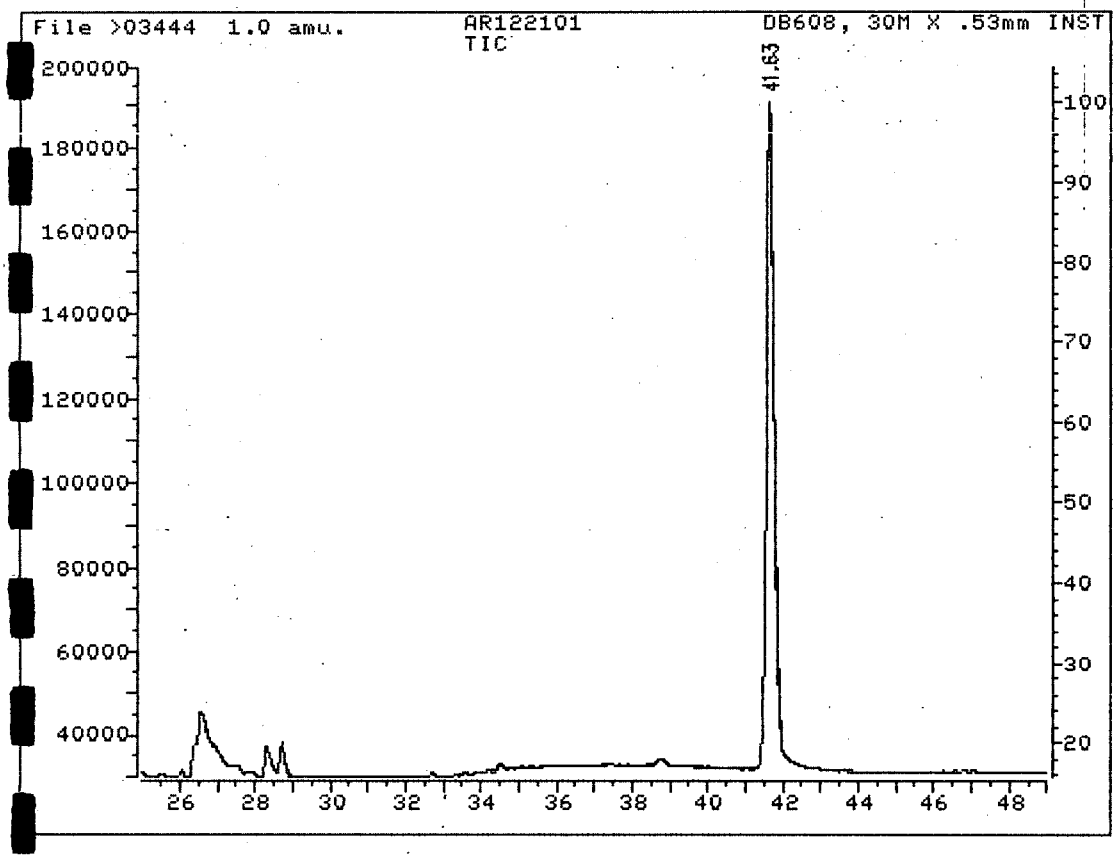


MS data file header from : >03444::G2

Sample: AR122101 Operator: TRFI2 7/23/96 18:26
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03444::G2

Sample: AR122101 Operator: TRFI2 7/23/96 18:26
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:26
Output File: ^04444::GQ Injected at: 960723 18:26
Data File: >04444::G4 Dilution Factor: 1.00000
Name: AR122101 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	767357	17.25	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.68	4642	900195	19.15	ng/ml	100
24)	#Aroclor-1221(1)	0.200	7.57	908	213200	200.00	ng/ml	100
38)	#Aroclor-1221(2)	0.200	11.06	1327	126563	200.00	ng/ml	100
39)	#Aroclor-1221(3)	0.200	12.07	1448	337714	200.00	ng/ml	100

Compound uses ESTD

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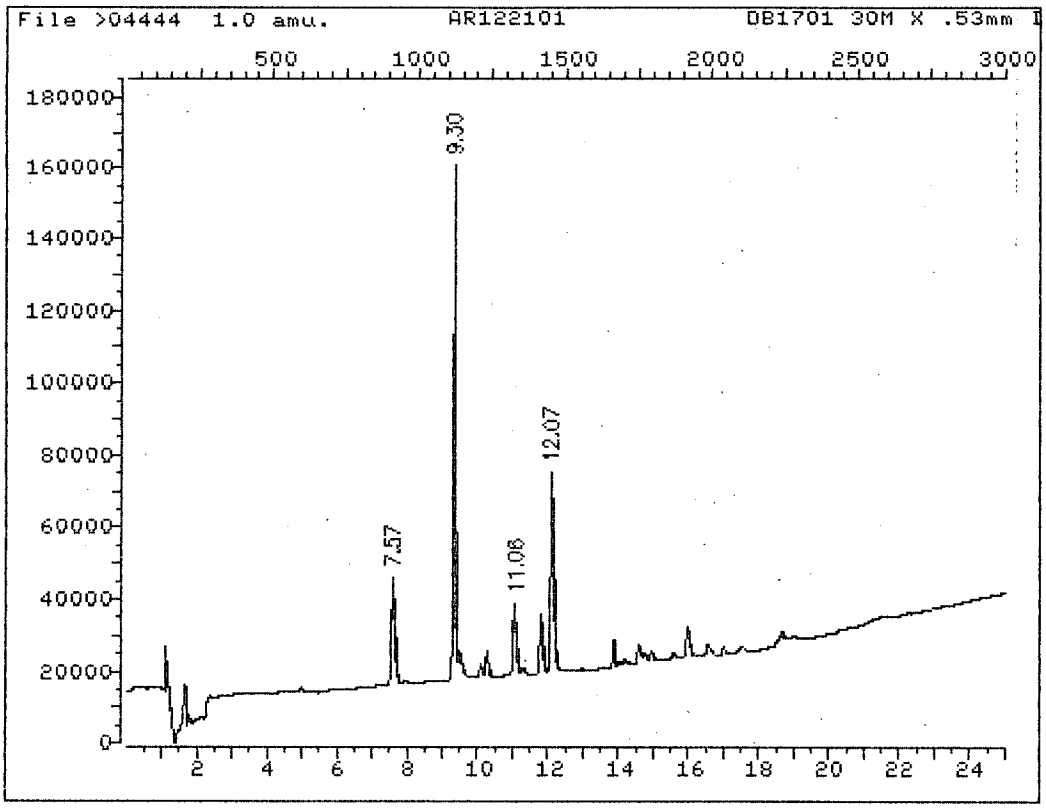
7/30/96



Data File: >04444::G4 Quant Output File: ^04444::GQ
Name: AR122101 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:26
Injected at: 960723 18:26

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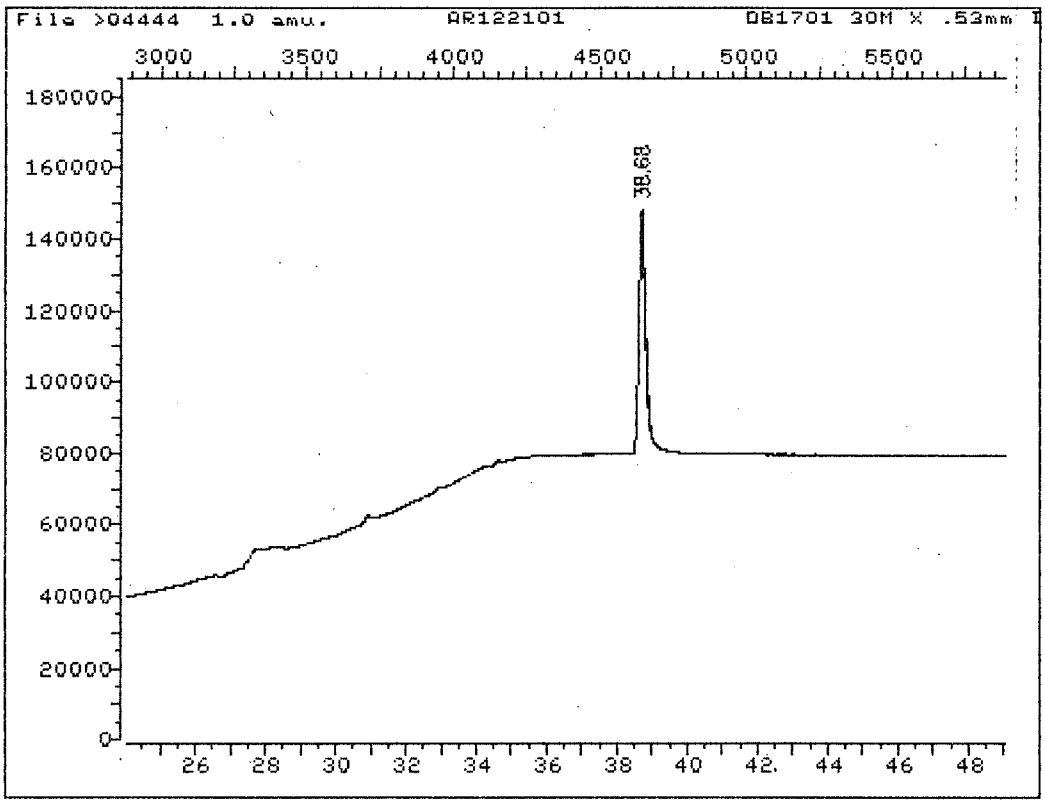

Data File: >04444::G4 Quant Output File: ^04444::GQ
Name: AR122101 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:26
Injected at: 960723 18:26

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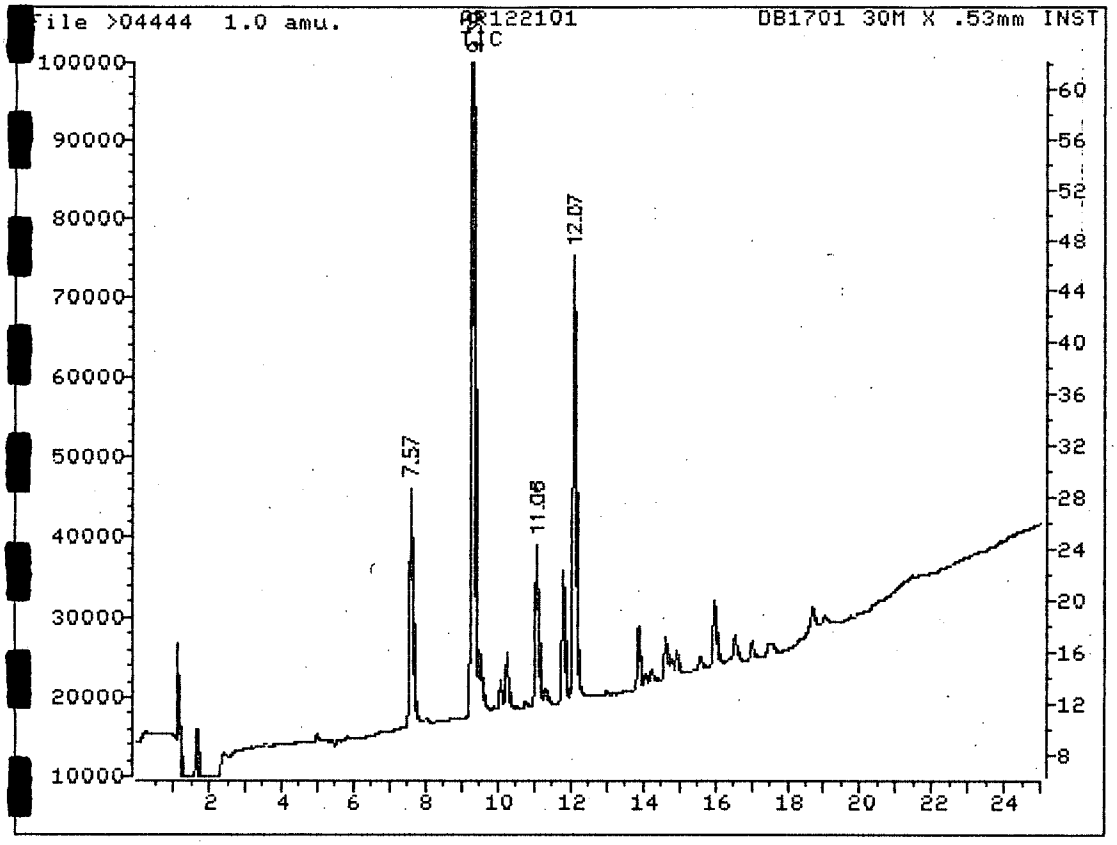
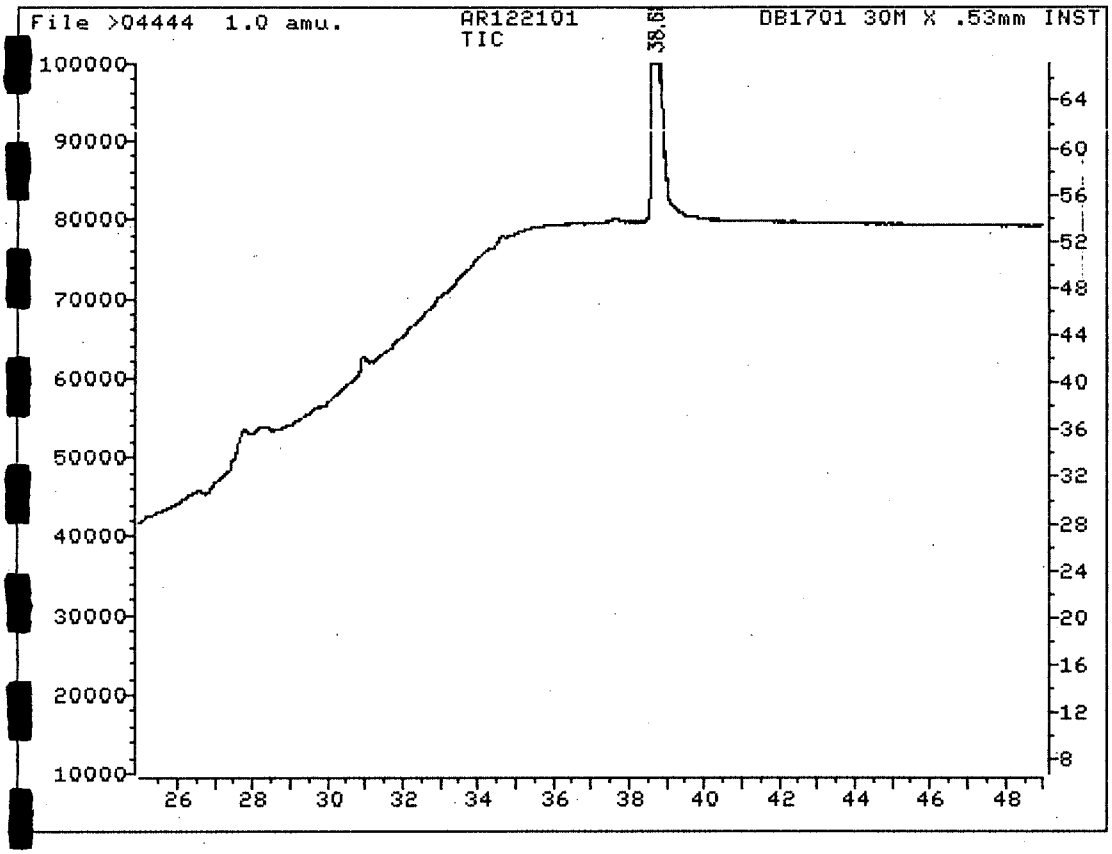


MS data file header from : >04444::G4

Sample: AR122101 Operator: TRFI2 7/23/96 18:26
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS/# : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04444::G4

Sample: AR122101 Operator: TRFI2 7/23/96 18:26
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

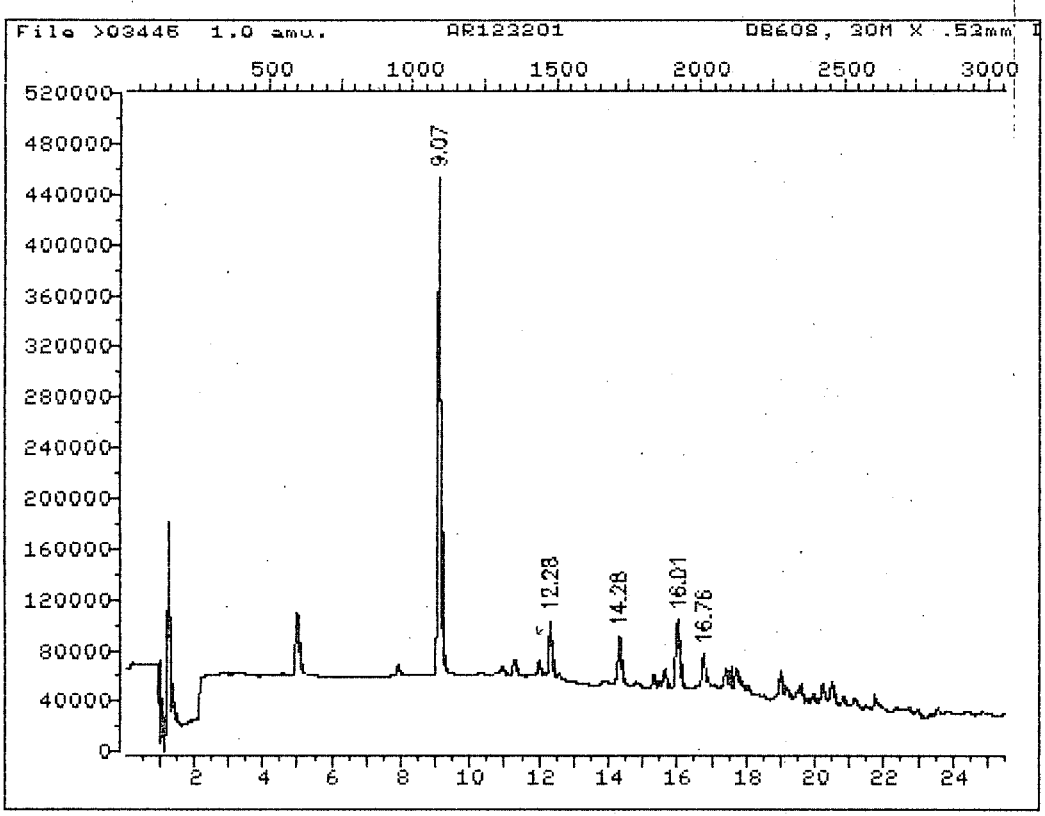
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:44
Output File: ^03445::GQ Injected at: 960723 19:21
Data File: >03445::G2 Dilution Factor: 1.00000
Name: AR123201 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2233320	17.36	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4995	2364305	19.85	ng/ml	100
25)	#Aroclor-1232(1)	0.100	12.28	1474	263230	100.00	ng/ml	100
40)	#Aroclor-1232(2)	0.100	14.28	1714	255179	100.00	ng/ml	100
41)	#Aroclor-1232(3)	0.100	16.01	1921	456490	100.00	ng/ml	100
42)	#Aroclor-1232(4)	0.100	16.76	2011	169446	100.00	ng/ml	100

Compound uses ESTD

EPui
7/30/94



Data File: >03445::G2 Quant Output File: ^03445::GQ
Name: AR123201 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:44
Injected at: 960723 19:21

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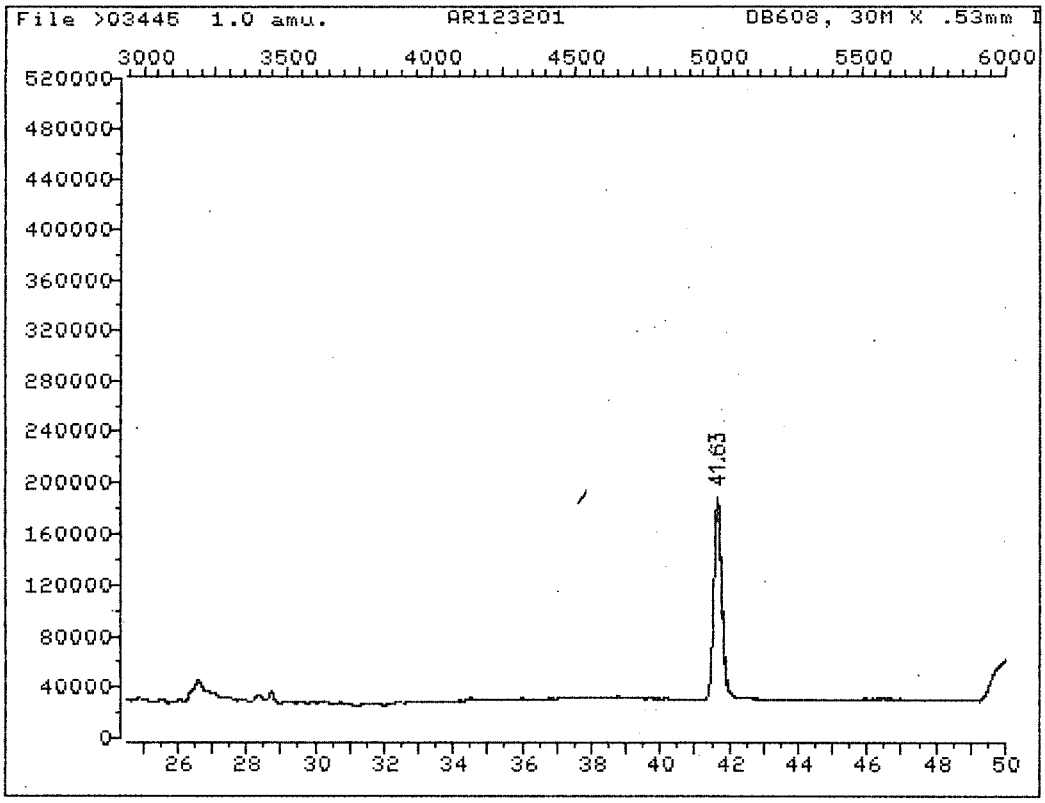

Data File: >03445::G2 Quant Output File: ^03445::GQ
Name: AR123201 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:44
Injected at: 960723 19:21

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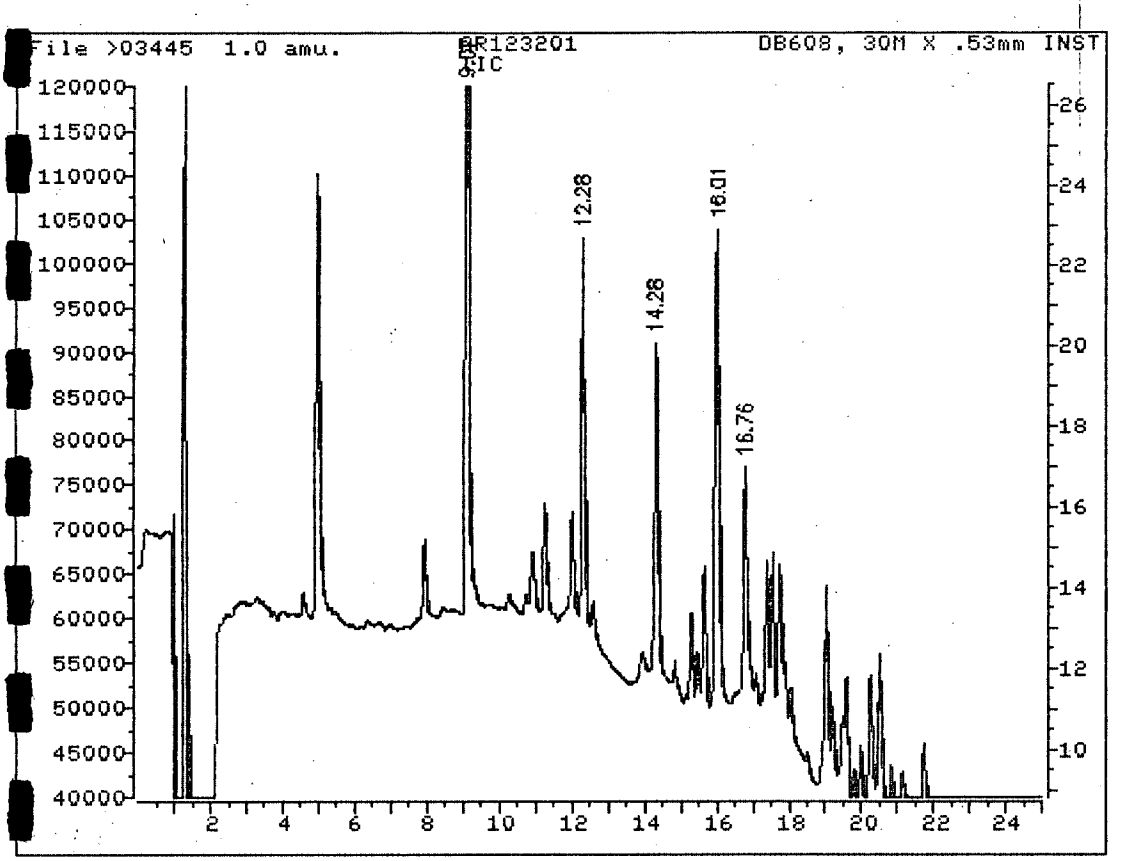
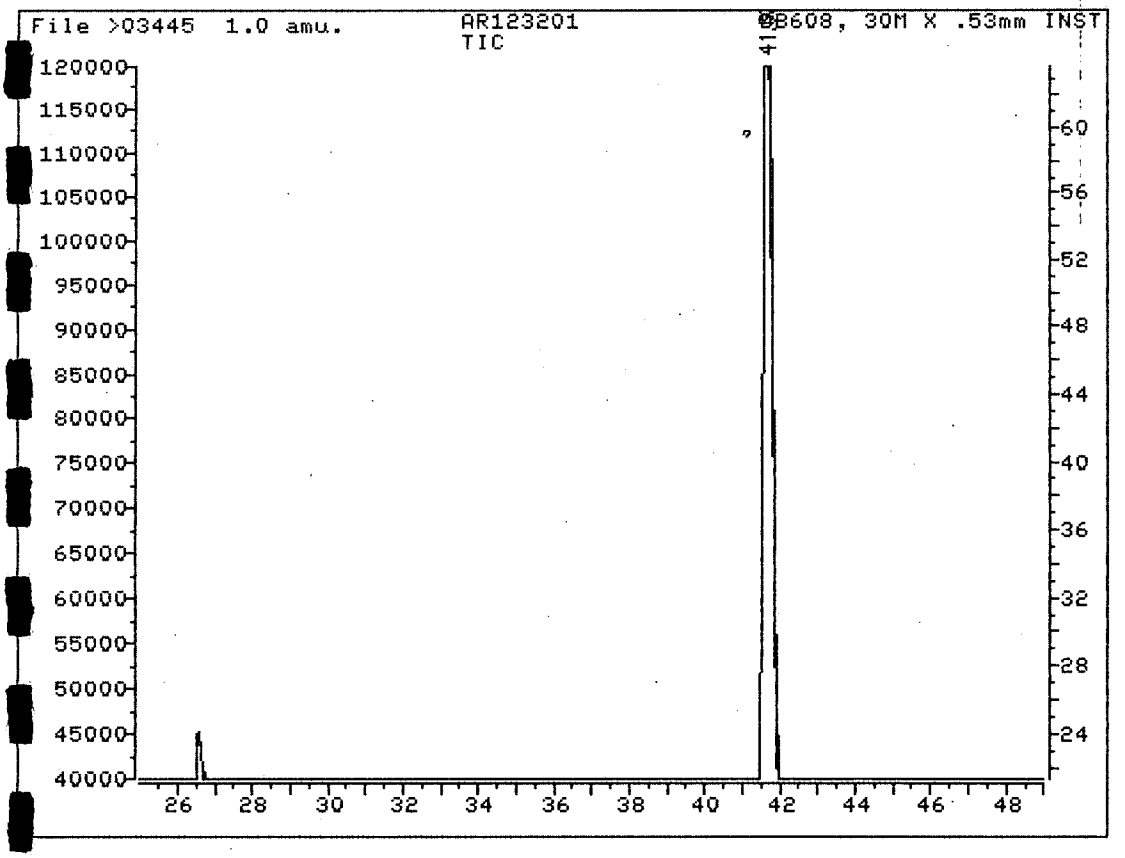


MS data file header from : >03445::G2

Sample: AR123201 Operator: TRFI2 7/23/96 19:21
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03445::G2

Sample: AR123201 Operator: TRFI2 7/23/96 19:21
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

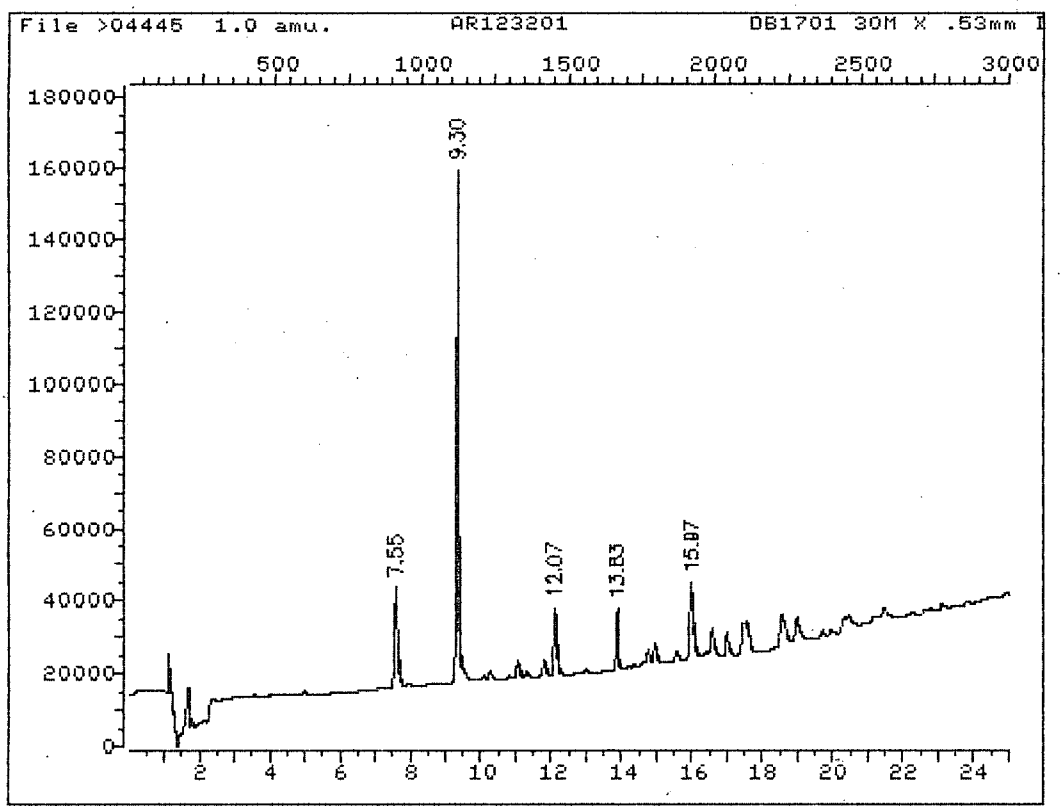
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:29
Output File: ^04445::GQ Injected at: 960723 19:21
Data File: >04445::G4 Dilution Factor: 1.00000
Name: AR123201 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	765521	17.21	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.68	4642	898927	19.12	ng/ml	100
25)	#Aroclor-1232(1)	0.100	7.55	906	176004	100.00	ng/ml	100
40)	#Aroclor-1232(2)	0.100	12.07	1448	110924	100.00	ng/ml	100
41)	#Aroclor-1232(3)	0.100	13.83	1660	98974	100.00	ng/ml	100
42)	#Aroclor-1232(4)	0.100	15.97	1916	158353	100.00	ng/ml	100

Compound uses ESTD

EPmi
7/30/96



Data File: >04445::G4 Quant Output File: ^04445::GQ
Name: AR123201 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:29
Injected at: 960723 19:21

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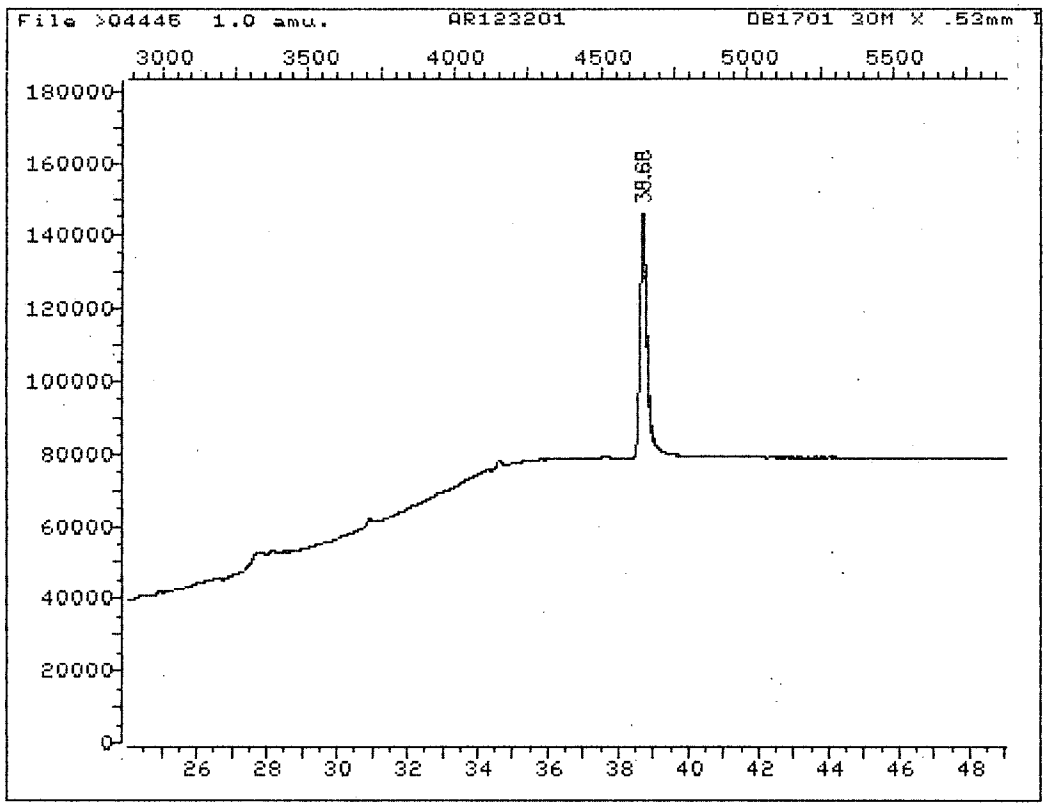

Data File: >04445::G4 Quant Output File: ^04445::GQ
Name: AR123201 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:29
Injected at: 960723 19:21

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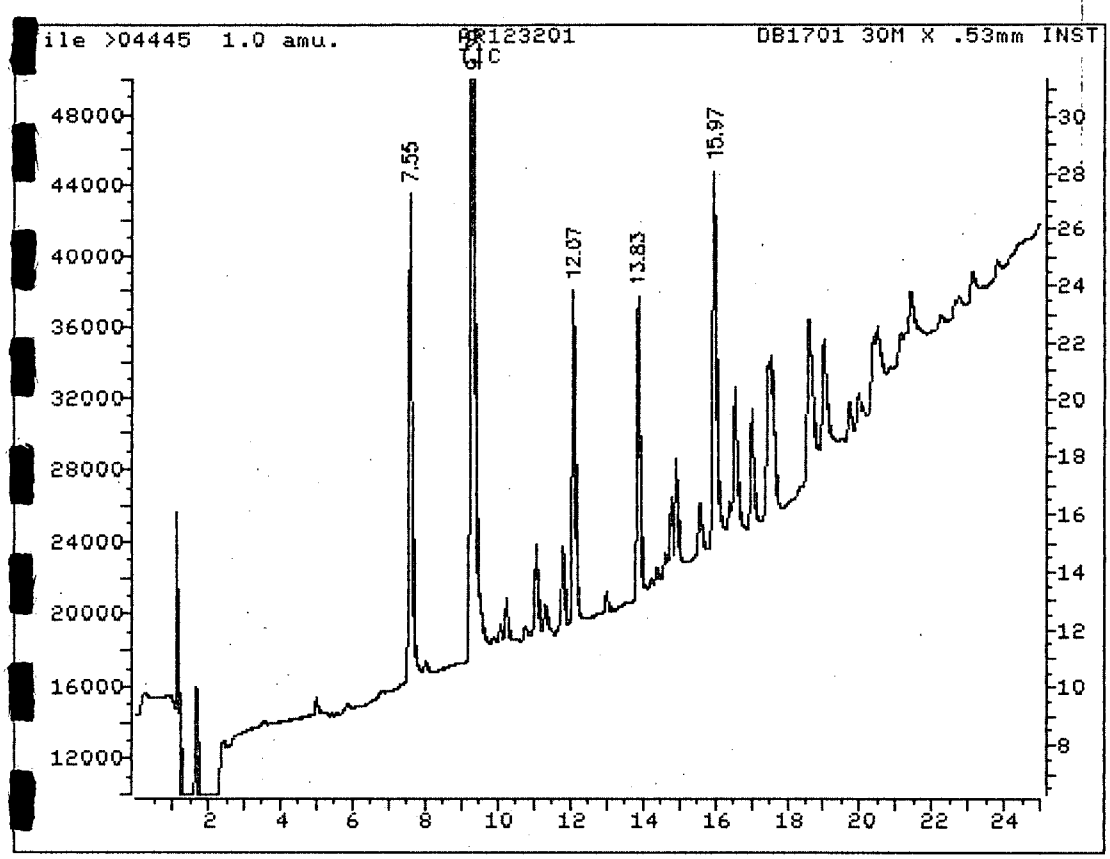
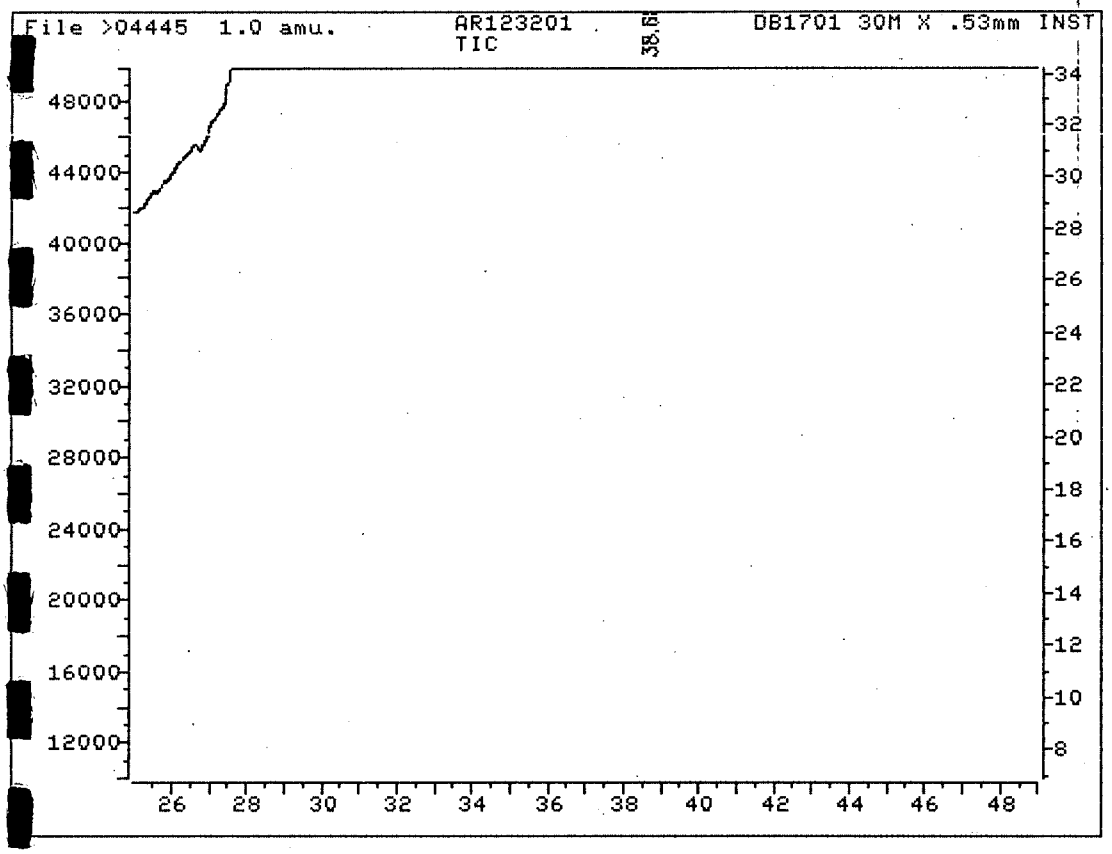


MS data file header from : >04445::G4

Sample: AR123201 Operator: TRFI2 7/23/96 19:21
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04445::G4

Sample: AR123201 Operator: TRFI2 7/23/96 19:21
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:45
Output File: ^03446::GQ Injected at: 960723 20:16
Data File: >03446::G2 Dilution Factor: 1.00000
Name: AR124201 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2287453	17.78	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.64	4997	2403202	20.17	ng/ml	100
26)	#Aroclor-1242(1)	0.100	12.28	1474	235543	100.00	ng/ml	100
43)	#Aroclor-1242(2)	0.100	14.28	1714	455028	100.00	ng/ml	100
44)	#Aroclor-1242(3)	0.100	16.01	1921	879851	100.00	ng/ml	100
45)	#Aroclor-1242(4)	0.100	16.76	2011	333760	100.00	ng/ml	100
46)	#Aroclor-1242(5)	0.100	18.99	2279	286757	100.00	ng/ml	100

Compound uses ESTD

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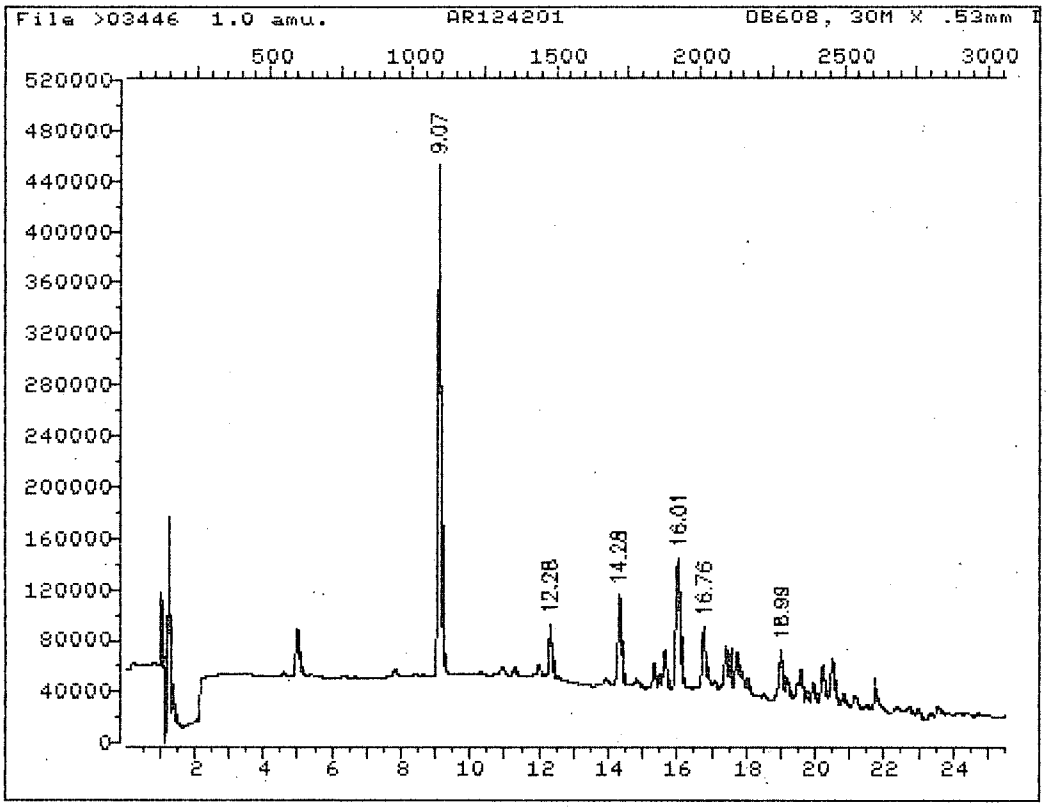
7/30/96



Data File: >03446::G2 Quant Output File: ^03446::GQ
Name: AR124201 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:45
Injected at: 960723 20:16

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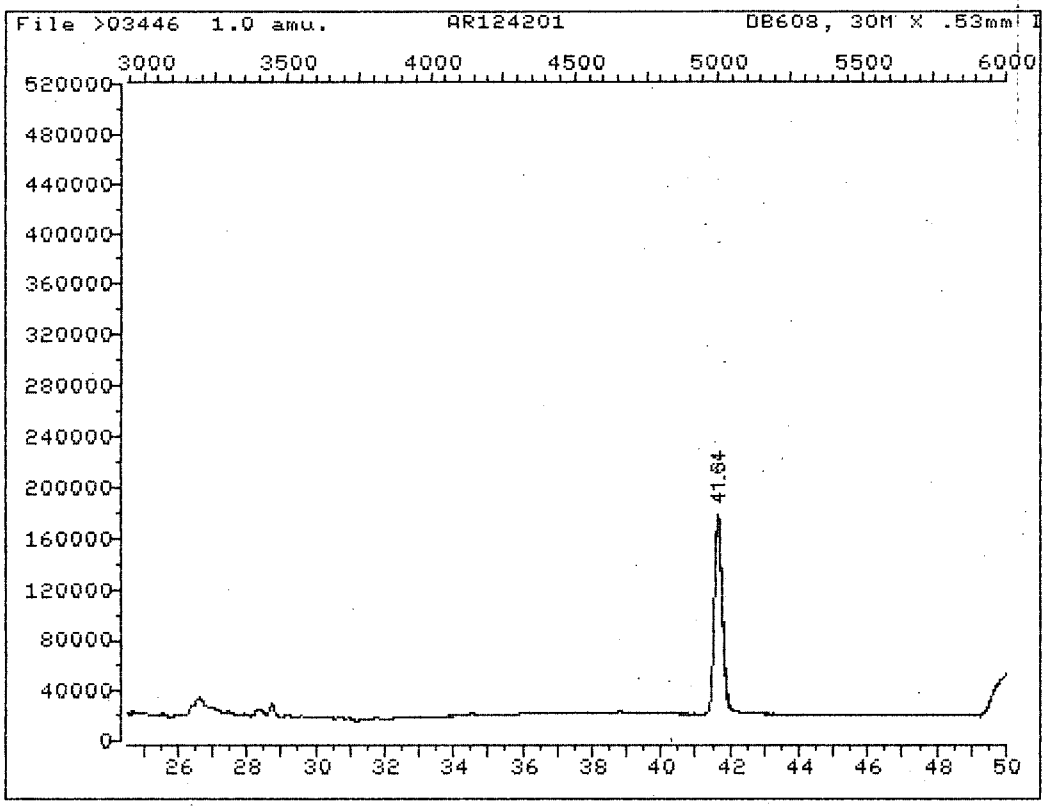

Data File: >03446::G2 Quant Output File: ^03446::GQ
Name: AR124201 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:45
Injected at: 960723 20:16

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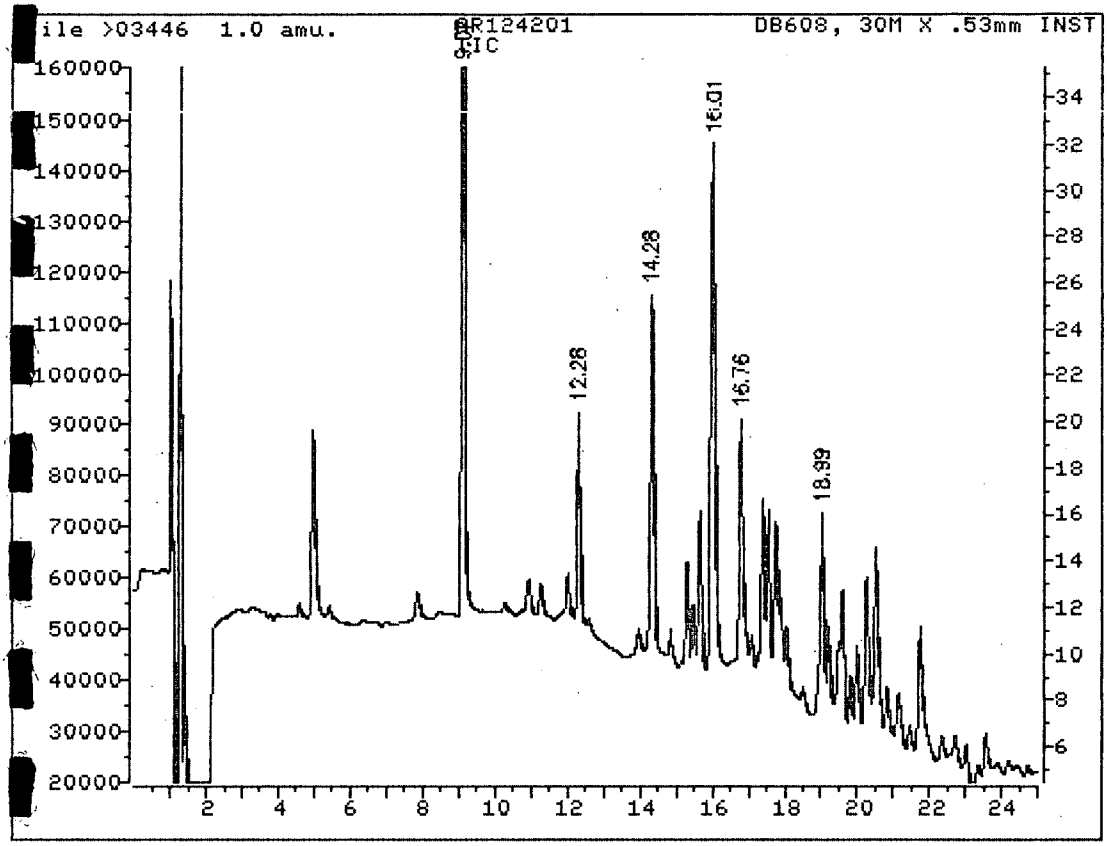
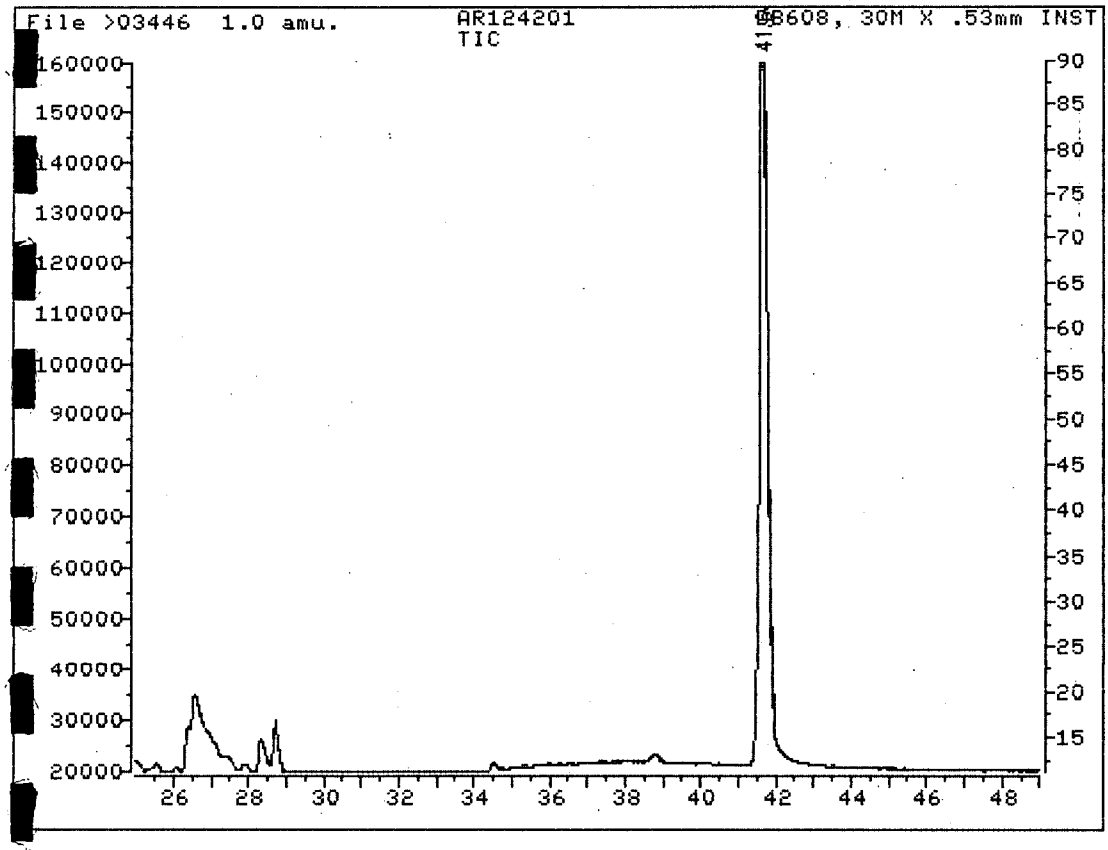


MS data file header from : >03446::G2

Sample: AR124201 Operator: TRFI2 7/23/96 20:16
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03446::G2

Sample: AR124201 Operator: TRFI2 7/23/96 20:16
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

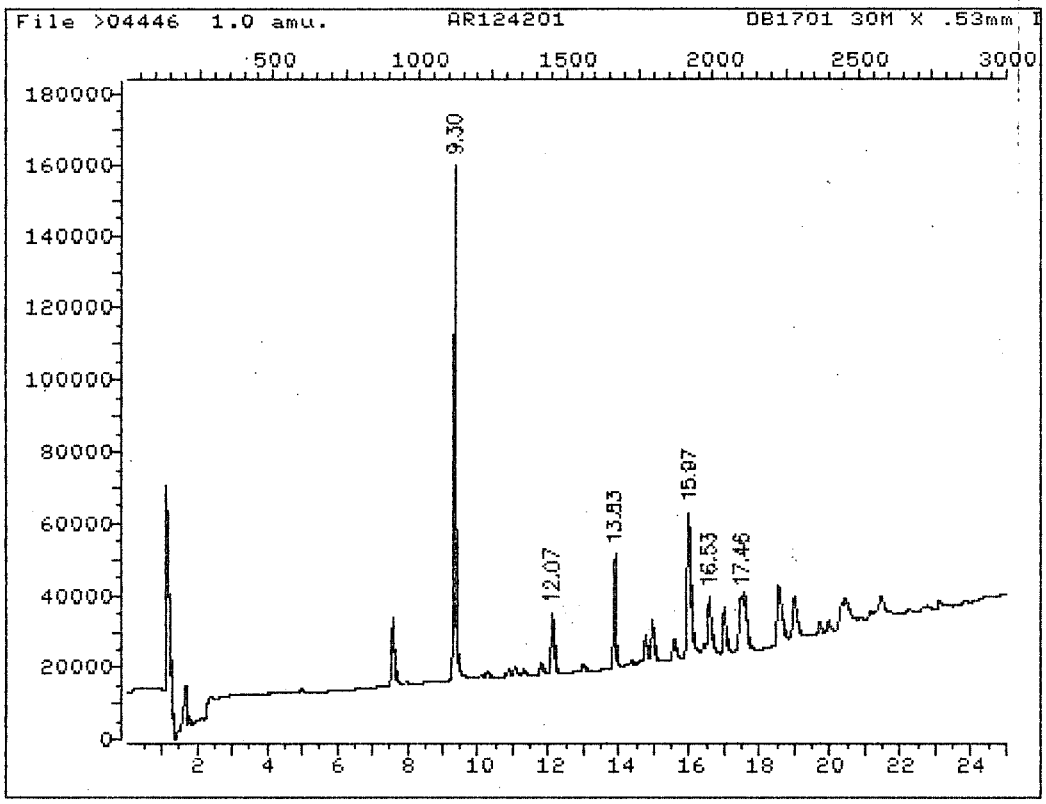
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:32
Output File: ^04446::GQ Injected at: 960723 20:17
Data File: >04446::G4 Dilution Factor: 1.00000
Name: AR124201 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	811292	18.24	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.69	4643	909041	19.33	ng/ml	100
26)	#Aroclor-1242(1)	0.100	12.07	1448	100189	100.00	ng/ml	100
43)	#Aroclor-1242(2)	0.100	13.83	1660	191480	100.00	ng/ml	100
44)	#Aroclor-1242(3)	0.100	15.97	1916	306133	100.00	ng/ml	100
45)	#Aroclor-1242(4)	0.100	16.53	1984	115486	101.95	ng/ml	100
46)	#Aroclor-1242(5)	0.100	17.46	2095	82211	100.00	ng/ml	100

Compound uses ESTD

E Pua
7/30/96



Data File: >04446::G4 Quant Output File: ^04446::GQ
Name: AR124201 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:32
Injected at: 960723 20:17

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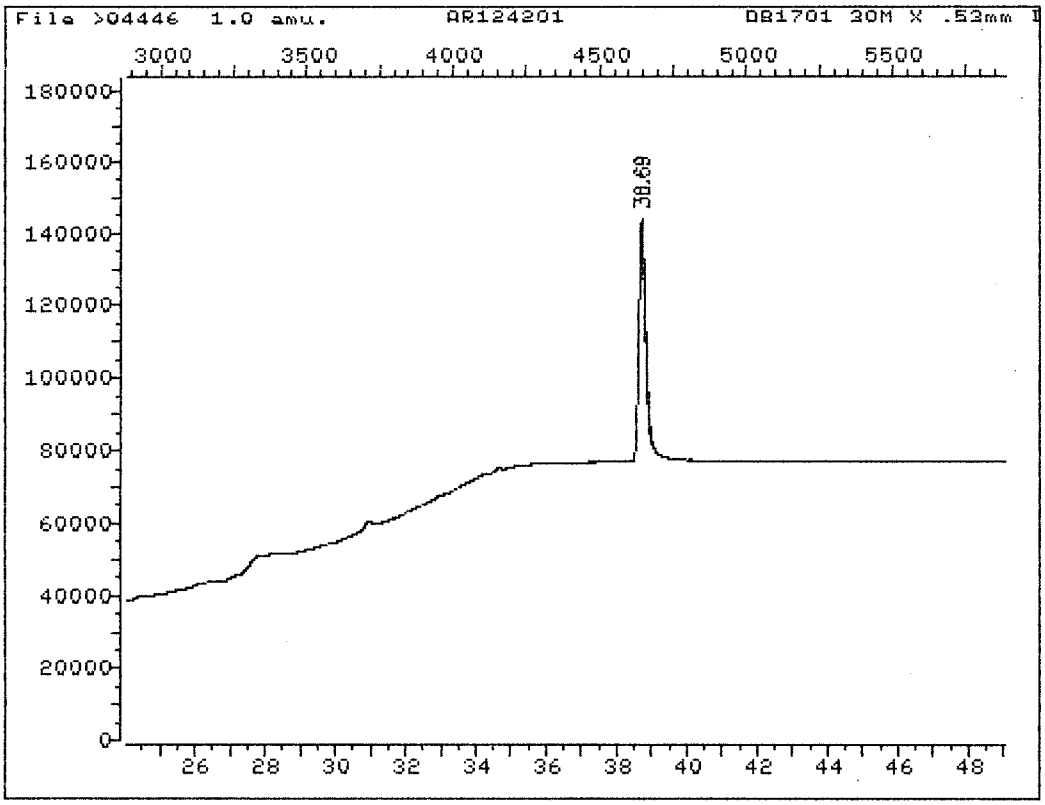

Data File: >04446::G4 Quant Output File: ^04446::GQ
Name: AR124201 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:32
Injected at: 960723 20:17

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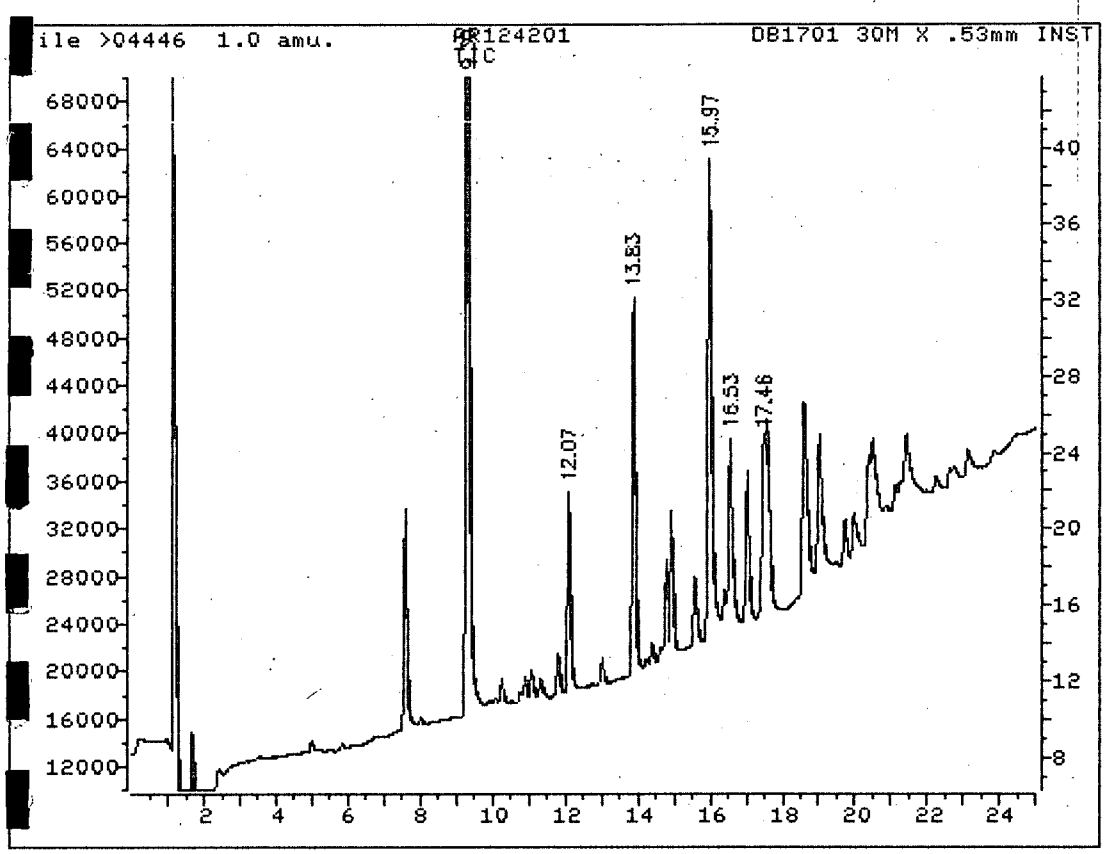
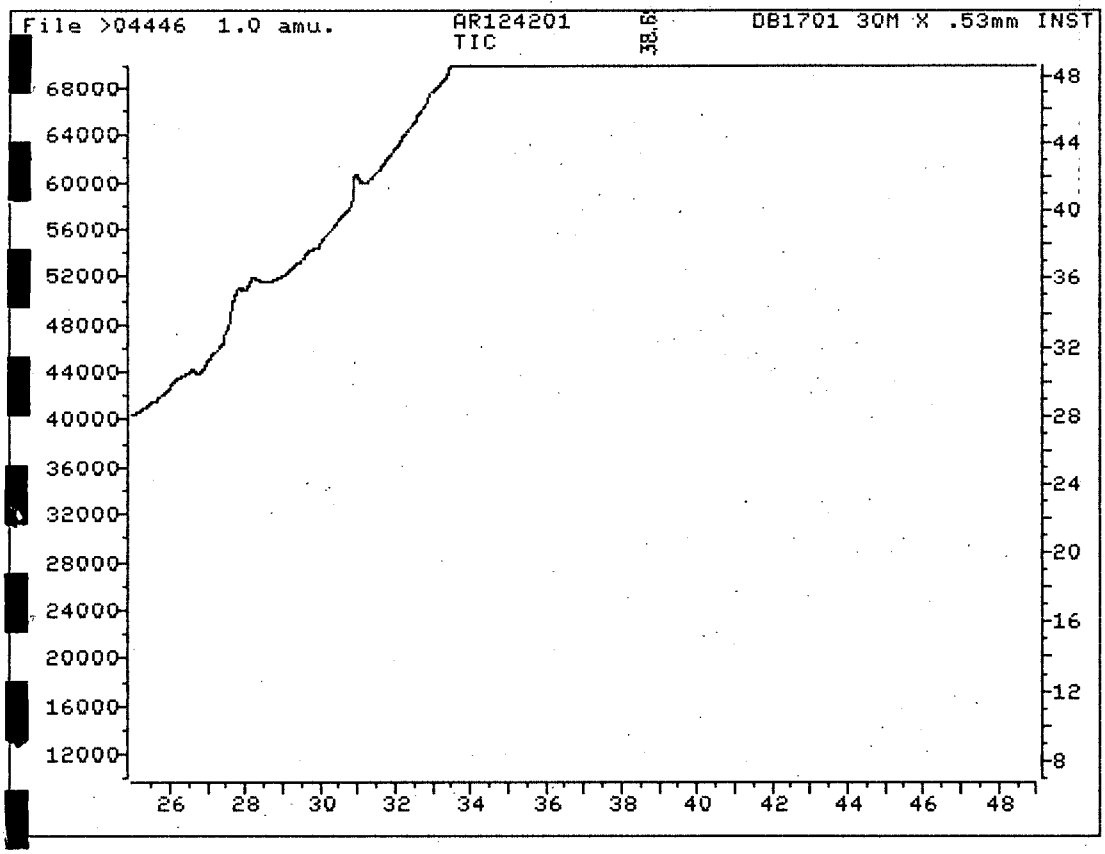


MS data file header from : >04446::G4

Sample: AR124201 Operator: TRFI2 7/23/96 20:17
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04446::G4

Sample: AR124201 Operator: TRFI2 7/23/96 20:17
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

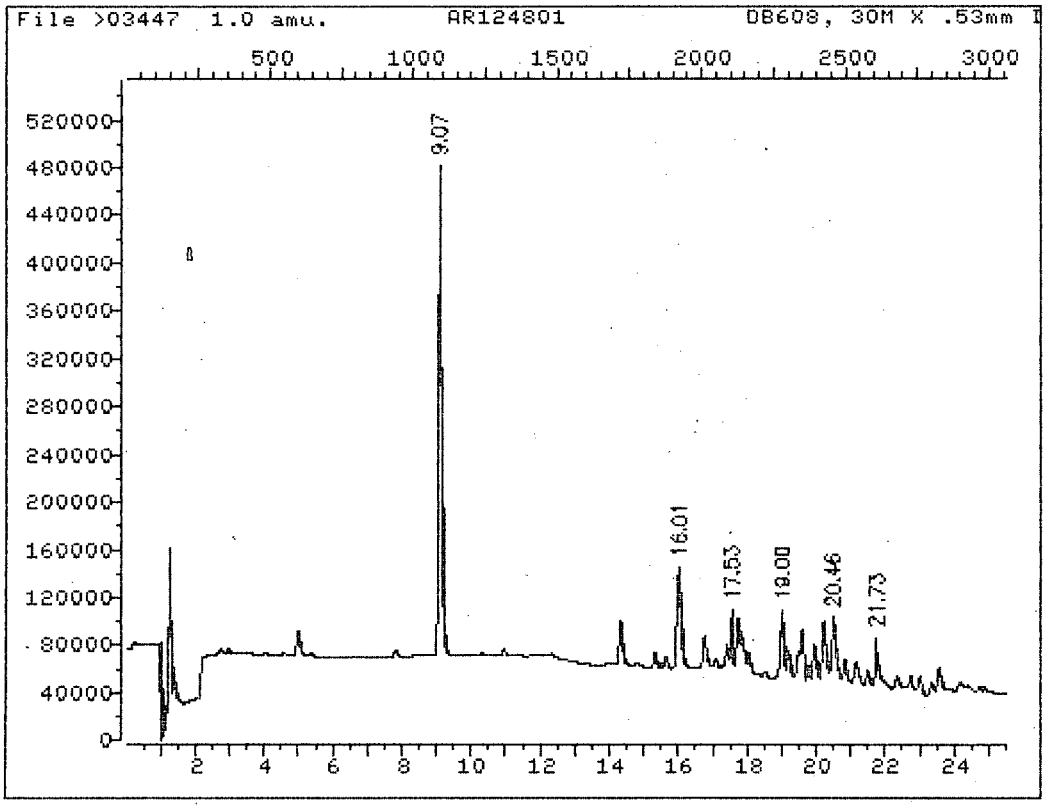
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:47
Output File: ^03447::GQ Injected at: 960723 21:11
Data File: >03447::G2 Dilution Factor: 1.00000
Name: AR124801 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2345936	18.23	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4996	2466721	20.71	ng/ml	100
27)	#Aroclor-1248(1)	0.100	16.01	1921	736697	100.00	ng/ml	100
47)	#Aroclor-1248(2)	0.100	17.53	2103	311818	99.87	ng/ml	100
48)	#Aroclor-1248(3)	0.100	19.00	2280	386356	99.87	ng/ml	100
49)	#Aroclor-1248(4)	0.100	20.46	2455	415108	107.16	ng/ml	100
50)	#Aroclor-1248(5)	0.100	21.73	2607	410126	100.00	ng/ml	100

Compound uses ESTD

EPrice
7/30/96



Data File: >03447::G2 Quant Output File: ^03447::GQ
Name: AR124801 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:47
Injected at: 960723 21:11

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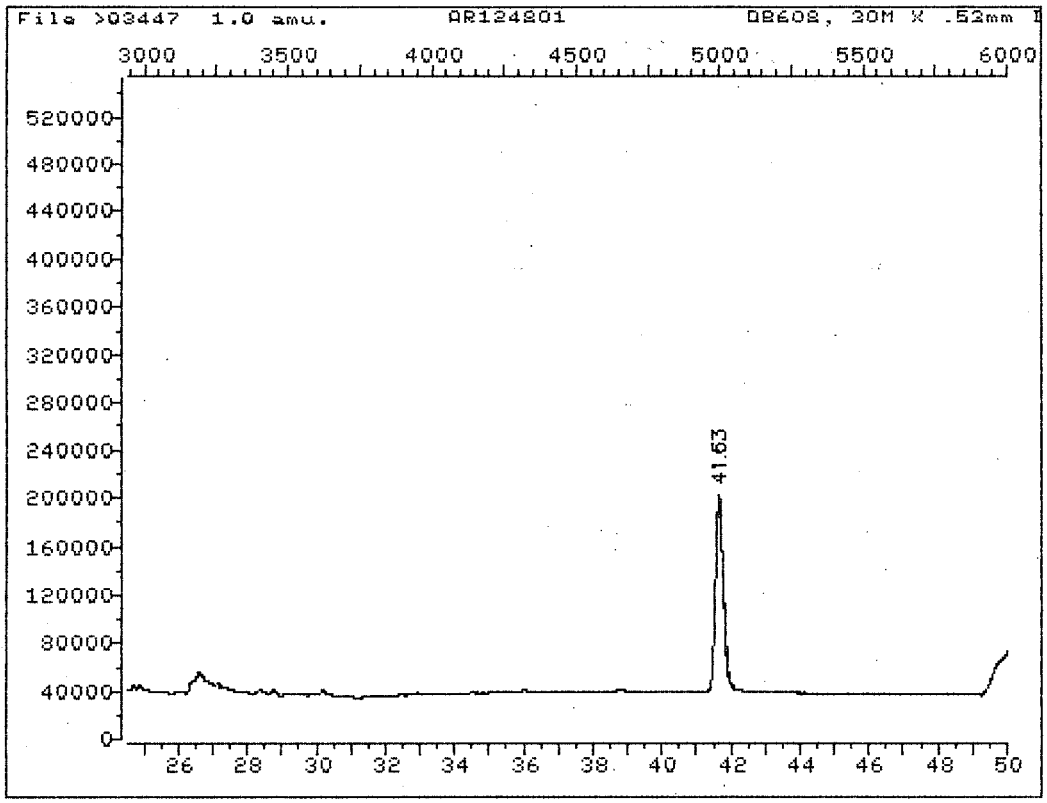

Data File: >03447::G2 Quant Output File: ^03447::GQ
Name: AR124801 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:47
Injected at: 960723 21:11

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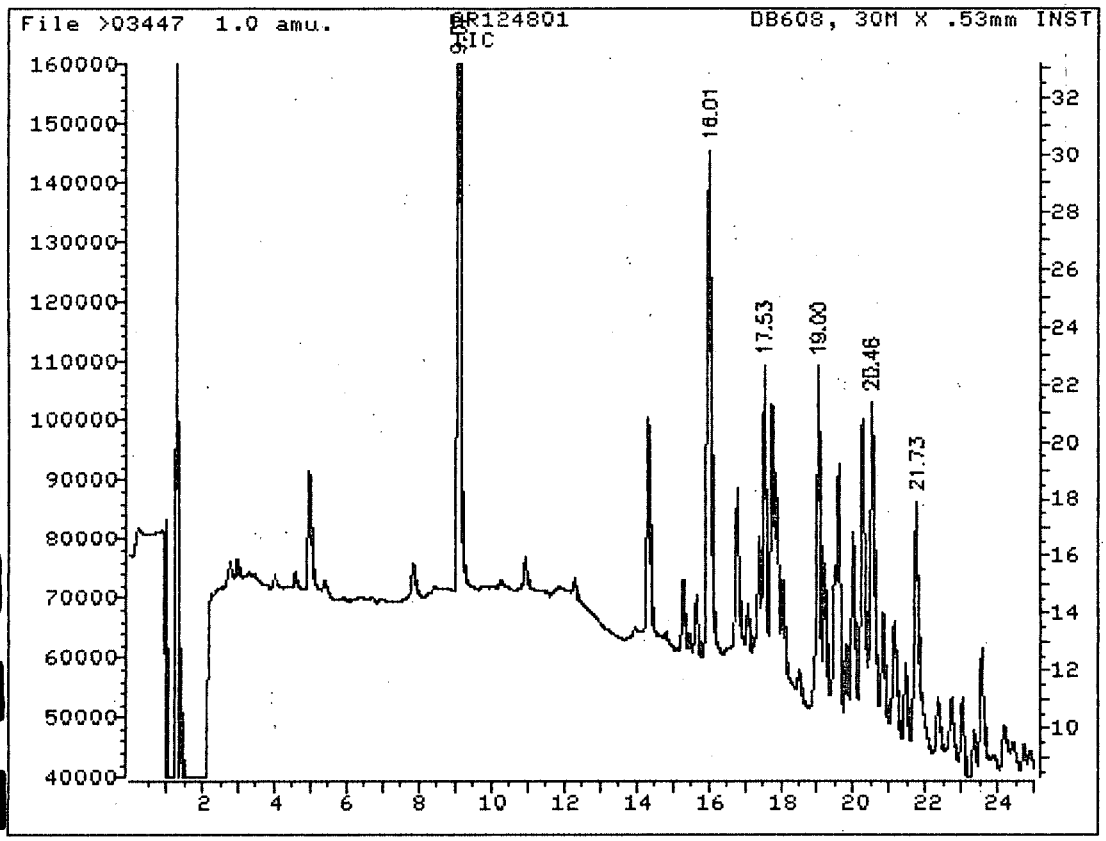
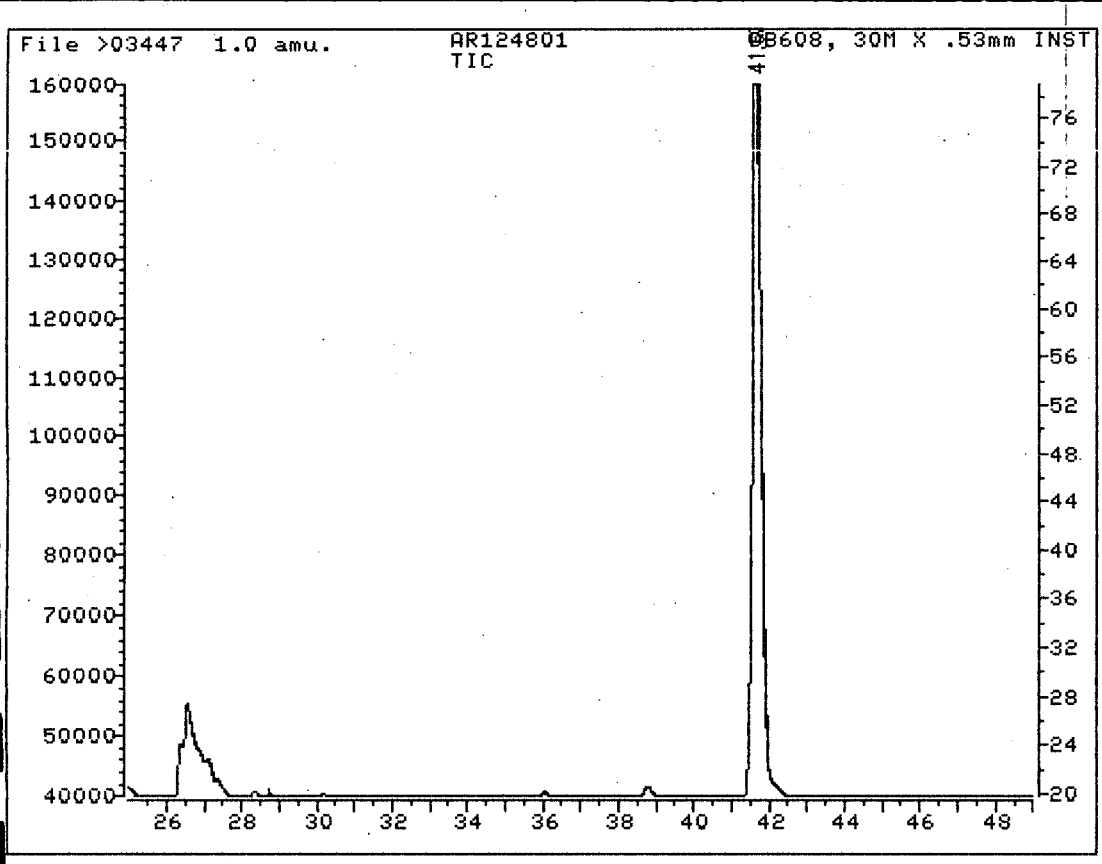


MS data file header from : >03447::G2

Sample: AR124801 Operator: TRFI2 7/23/96 21:11
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03447::G2

Sample: AR124801 Operator: TRFI2 7/23/96 21:11
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:34
Output File: ^04447::GQ Injected at: 960723 21:11
Data File: >04447::G4 Dilution Factor: 1.00000
Name: AR124801 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	828075	18.61	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.69	4643	941249	20.02	ng/ml	100
27)	#Aroclor-1248(1)	0.100	13.83	1660	99839	100.00	ng/ml	100
47)	#Aroclor-1248(2)	0.100	15.97	1917	254787	100.00	ng/ml	100
48)	#Aroclor-1248(3)	0.100	18.55	2226	223717	100.00	ng/ml	100
49)	#Aroclor-1248(4)	0.100	18.98	2277	172172	100.00	ng/ml	100
50)	#Aroclor-1248(5)	0.100	20.33	2440	91043	100.00	ng/ml	100

Compound uses ESTD

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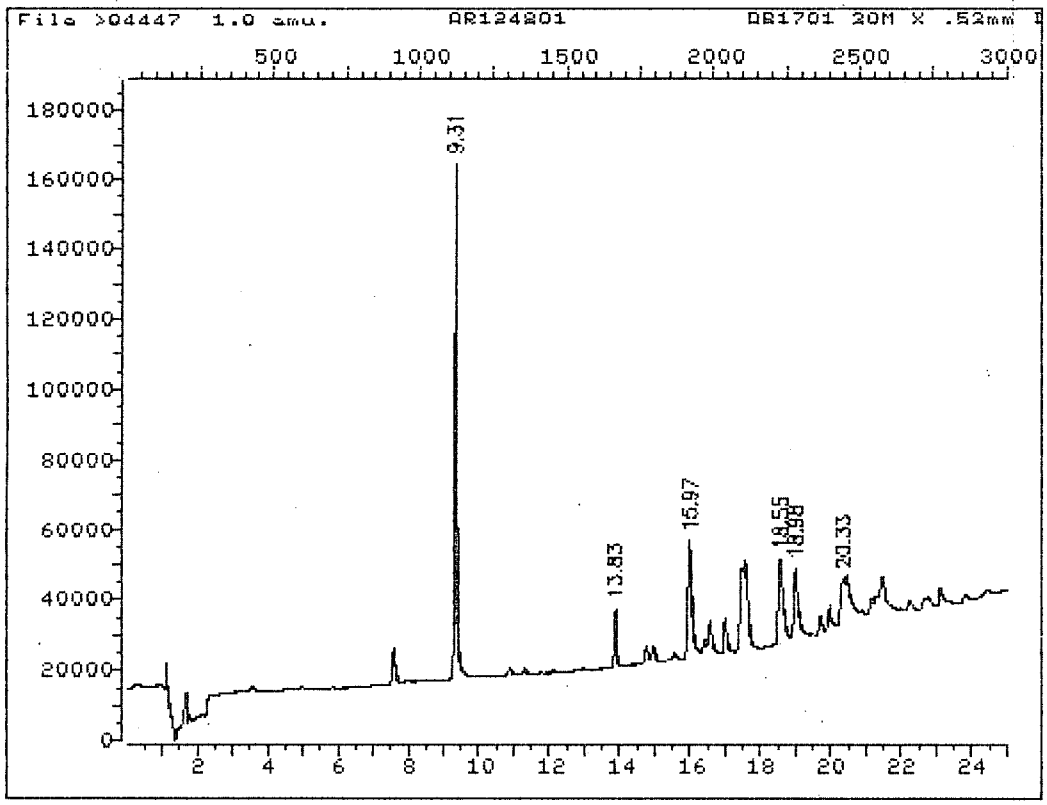

Data File: >04447::G4 Quant Output File: ^04447::GQ
Name: AR124801 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:34
Injected at: 960723 21:11

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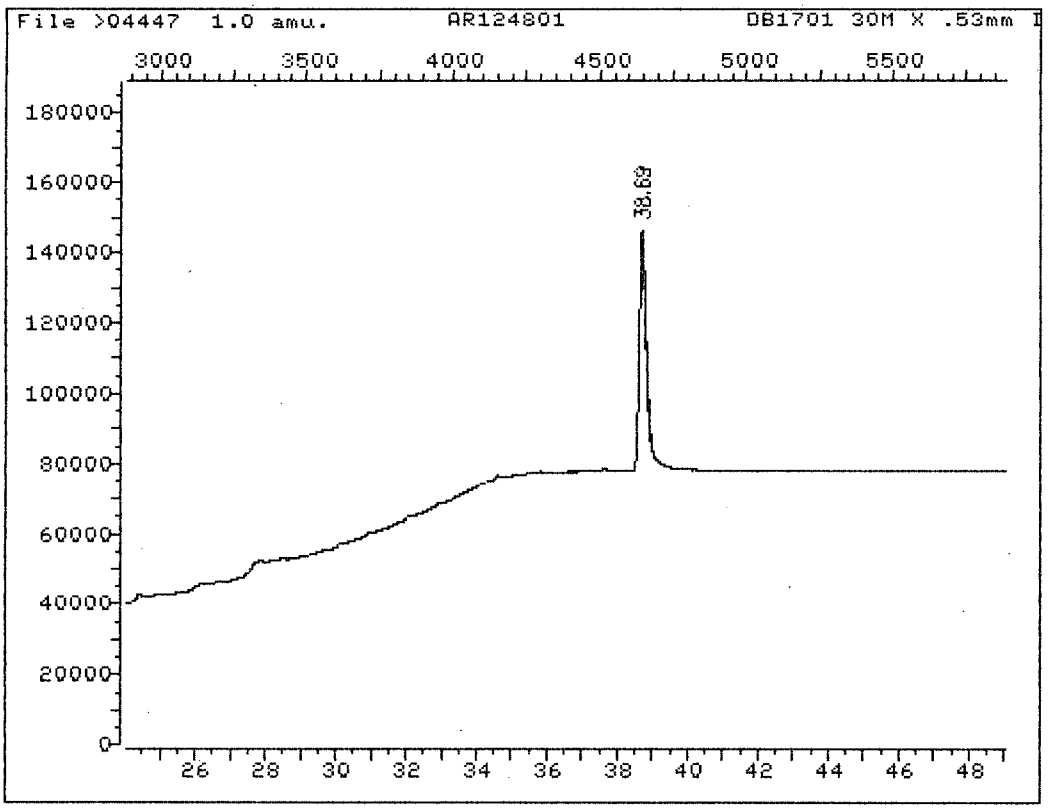

Data File: >04447::G4 Quant Output File: ^04447::GQ
Name: AR124801 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:34
Injected at: 960723 21:11

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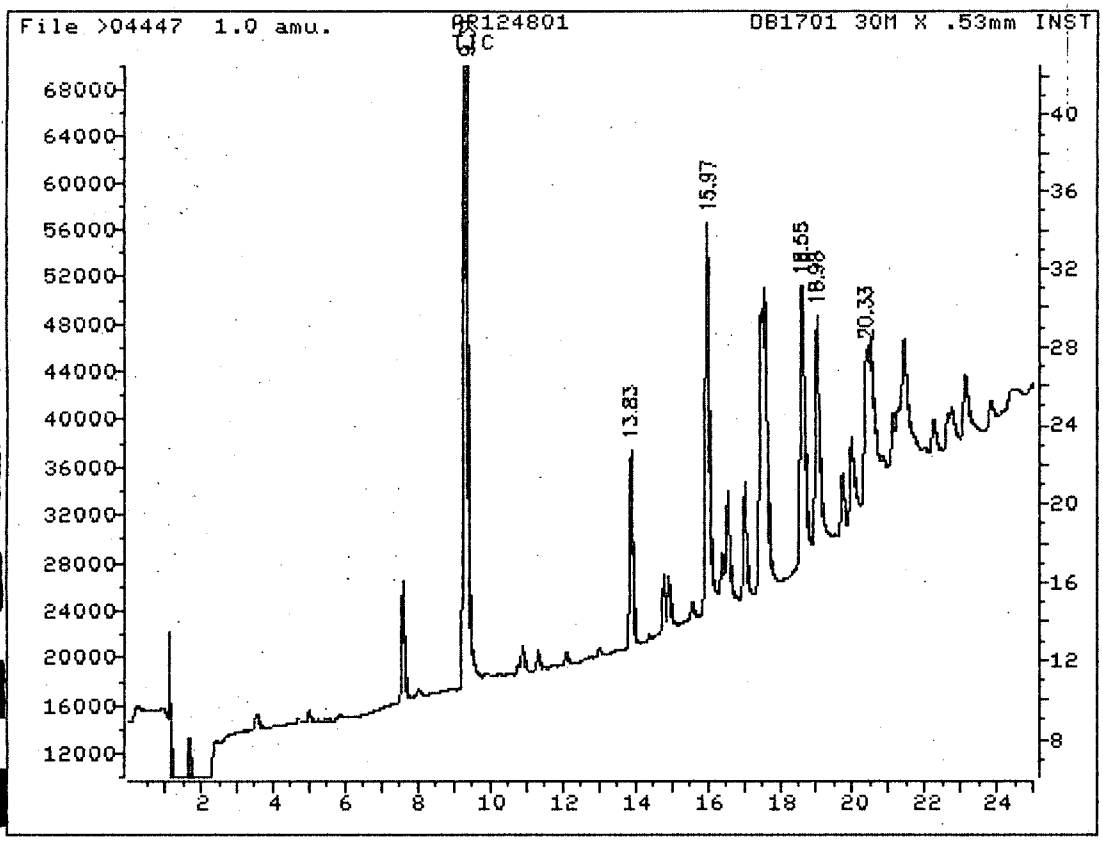
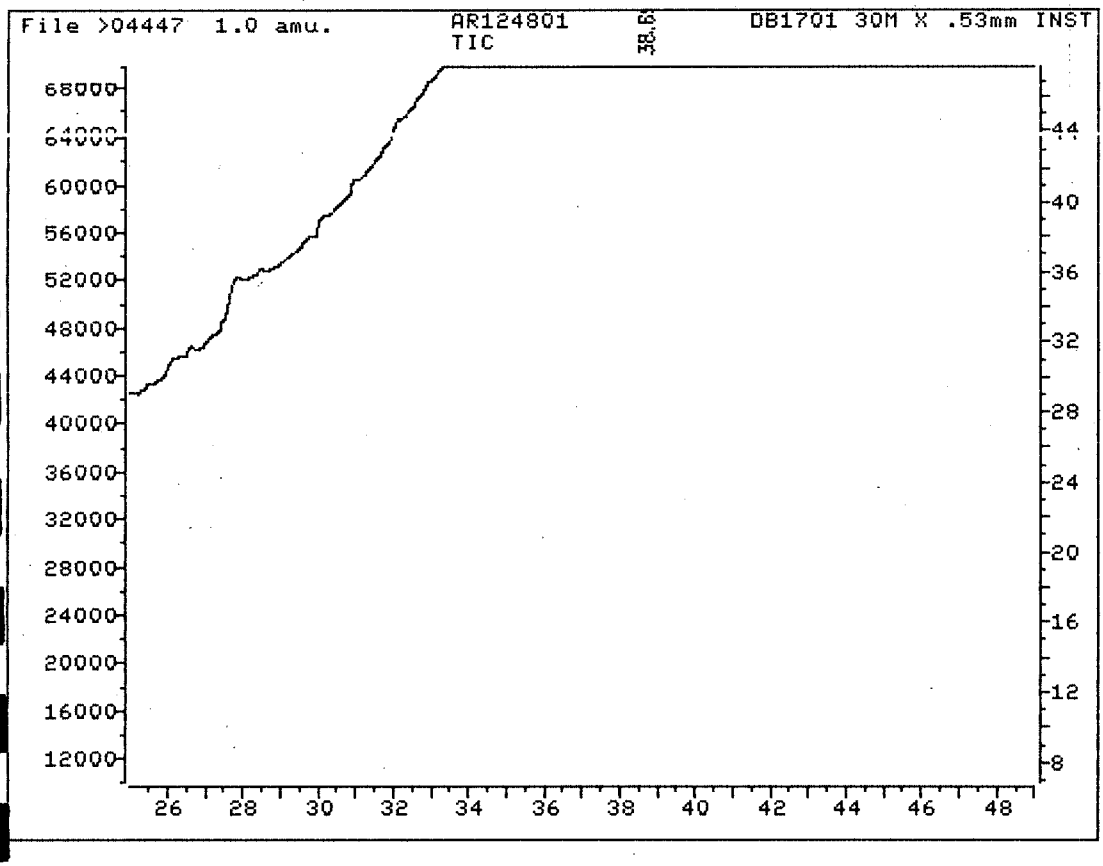


MS data file header from : >04447::G4

Sample: AR124801 Operator: TRFI2 7/23/96 21:11
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04447::G4

Sample: AR124801 Operator: TRFI2 7/23/96 21:11
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

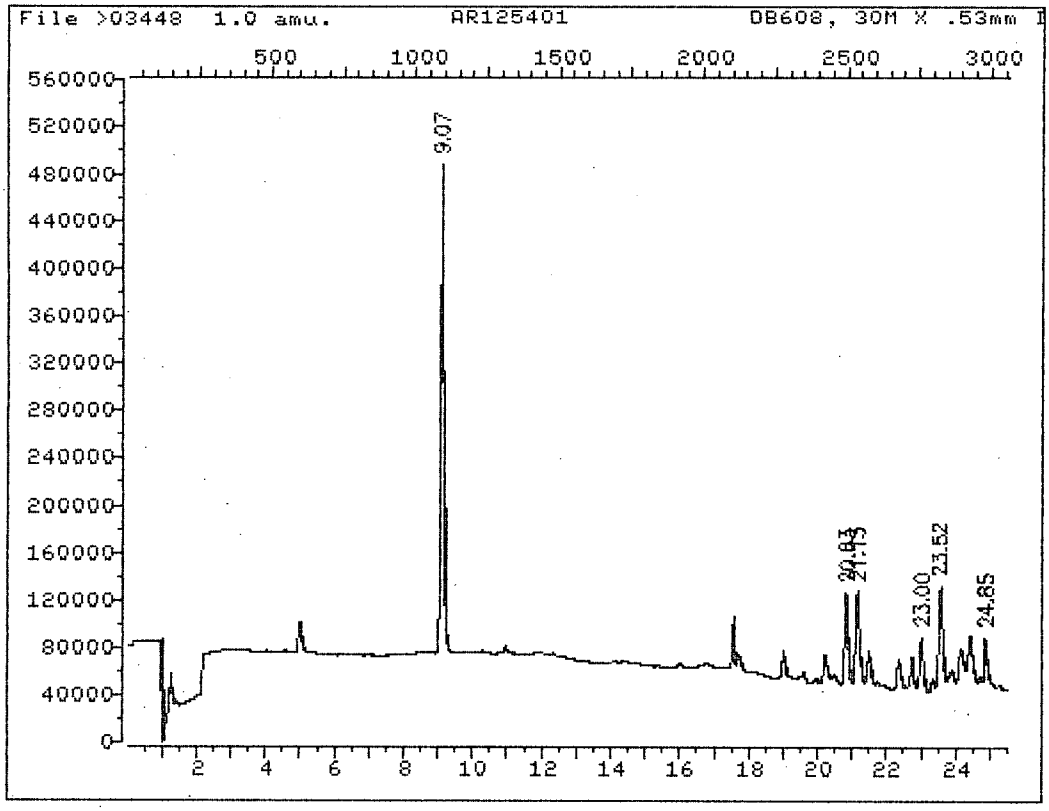
Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:48
Output File: ^03448::GQ Injected at: 960723 22:05
Data File: >03448::G2 Dilution Factor: 1.00000
Name: AR125401 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2359716	18.34	ng/ml	100
19)	#Decachlorobiphenyl	0.080	41.63	4996	2474416	20.77	ng/ml	100
28)	#Aroclor-1254(1)	0.100	20.83	2499	490410	100.00	ng/ml	100
51)	#Aroclor-1254(2)	0.100	21.13	2535	581639	99.80	ng/ml	100
52)	#Aroclor-1254(3)	0.100	23.00	2760	322697	107.27	ng/ml	100
53)	#Aroclor-1254(4)	0.100	23.52	2822	622529	100.00	ng/ml	100
54)	#Aroclor-1254(5)	0.100	24.85	2982	362185	100.00	ng/ml	100

Compound uses ESTD



Data File: >03448::G2 Quant Output File: ^03448::GQ
Name: AR125401 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:48
Injected at: 960723 22:05

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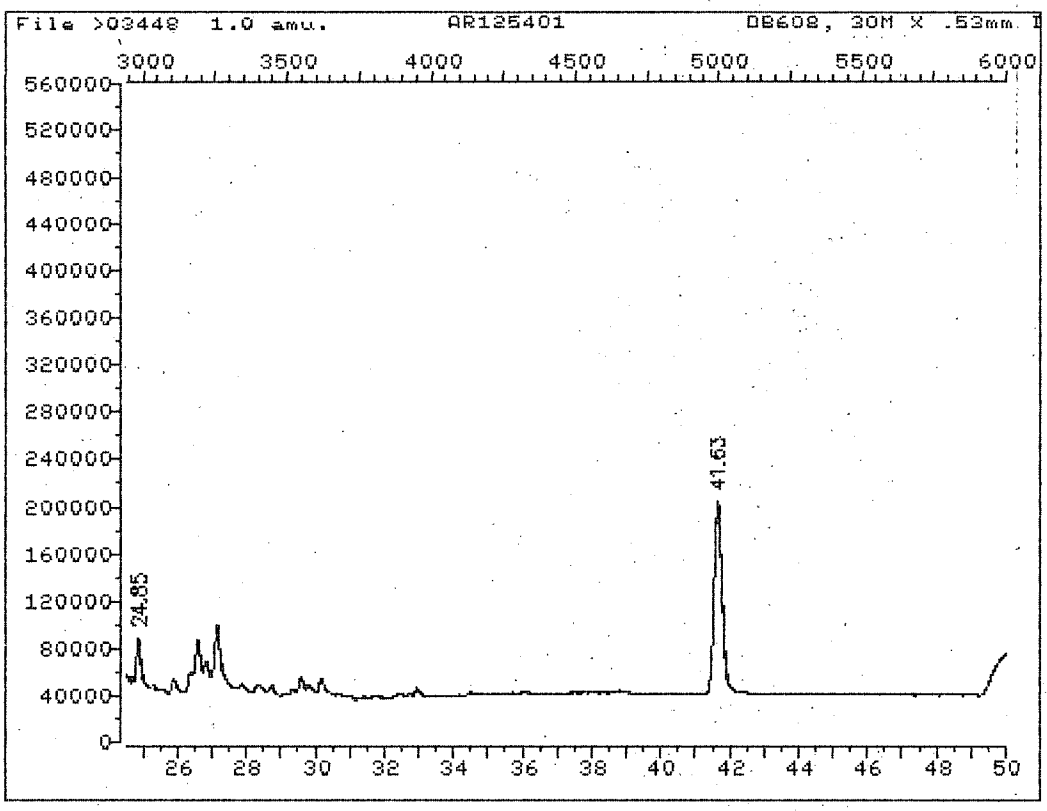

Data File: >03448::G2 Quant Output File: ^03448::GQ
Name: AR125401 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:48
Injected at: 960723 22:05

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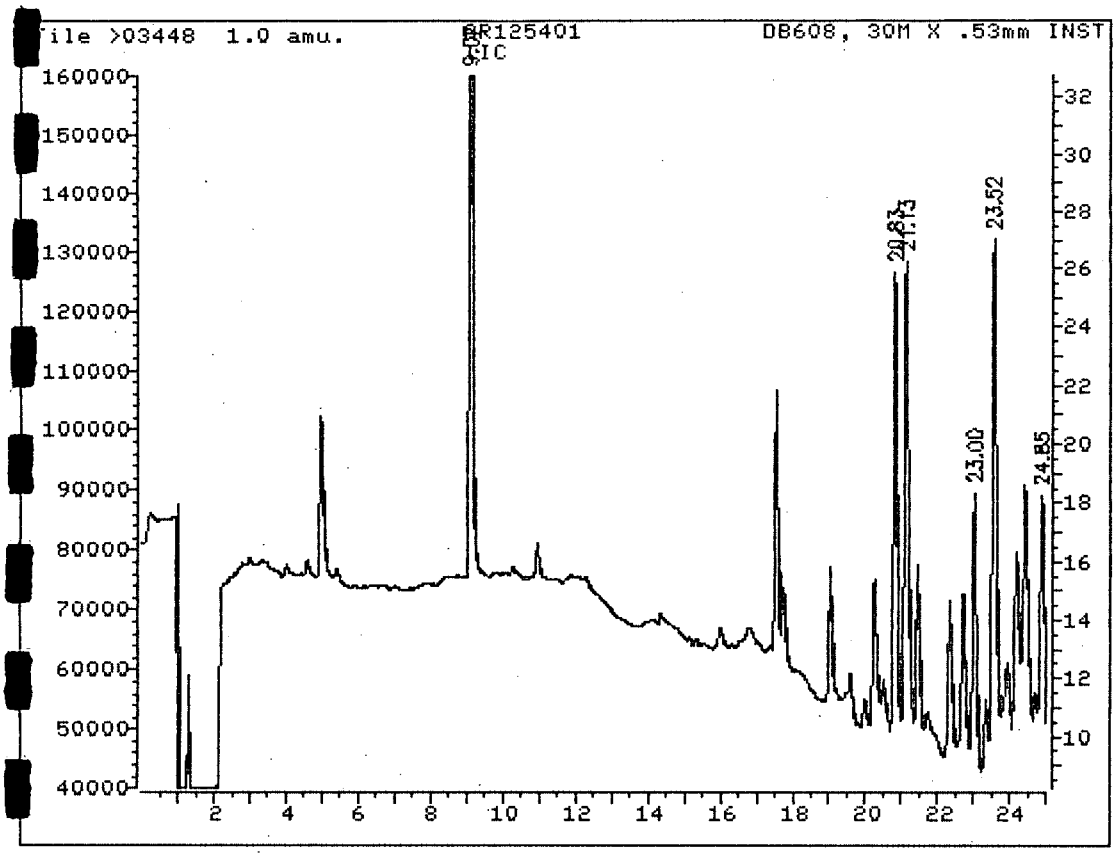
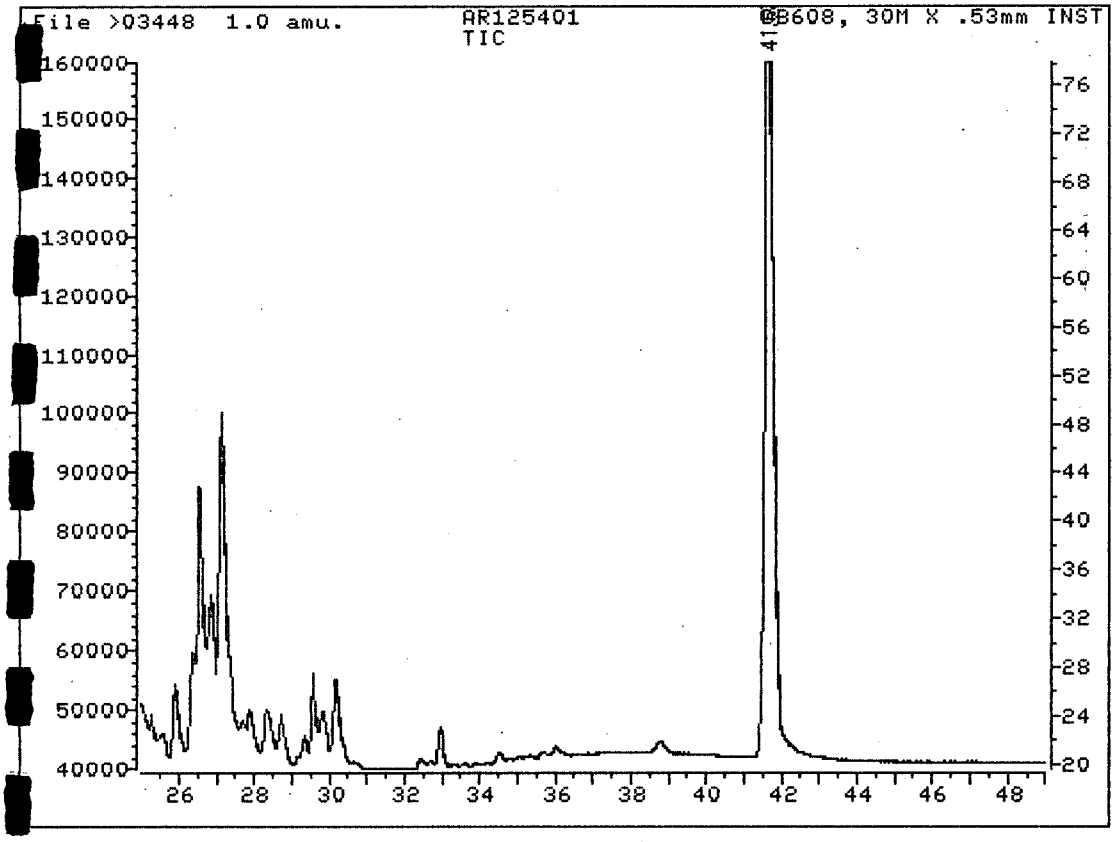


MS data file header from : >03448::G2

Sample: AR125401 Operator: TRFI2 7/23/96 22:05
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03448::G2

Sample: AR125401 Operator: TRFI2 7/23/96 22:05
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:35
Output File: ^04448::GQ Injected at: 960723 22:06
Data File: >04448::G4 Dilution Factor: 1.00000
Name: AR125401 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	819794	18.43	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.69	4643	941609	20.03	ng/ml	100
28)	#Aroclor-1254(1)	0.100	17.44	2093	160387	100.00	ng/ml	100
51)	#Aroclor-1254(2)	0.100	20.28	2434	199991	100.00	ng/ml	100
52)	#Aroclor-1254(3)	0.100	21.12	2534	167281	100.00	ng/ml	100
53)	#Aroclor-1254(4)	0.100	23.09	2771	242055	100.00	ng/ml	100
54)	#Aroclor-1254(5)	0.100	23.78	2853	147085	100.00	ng/ml	100

Compound uses ESTD

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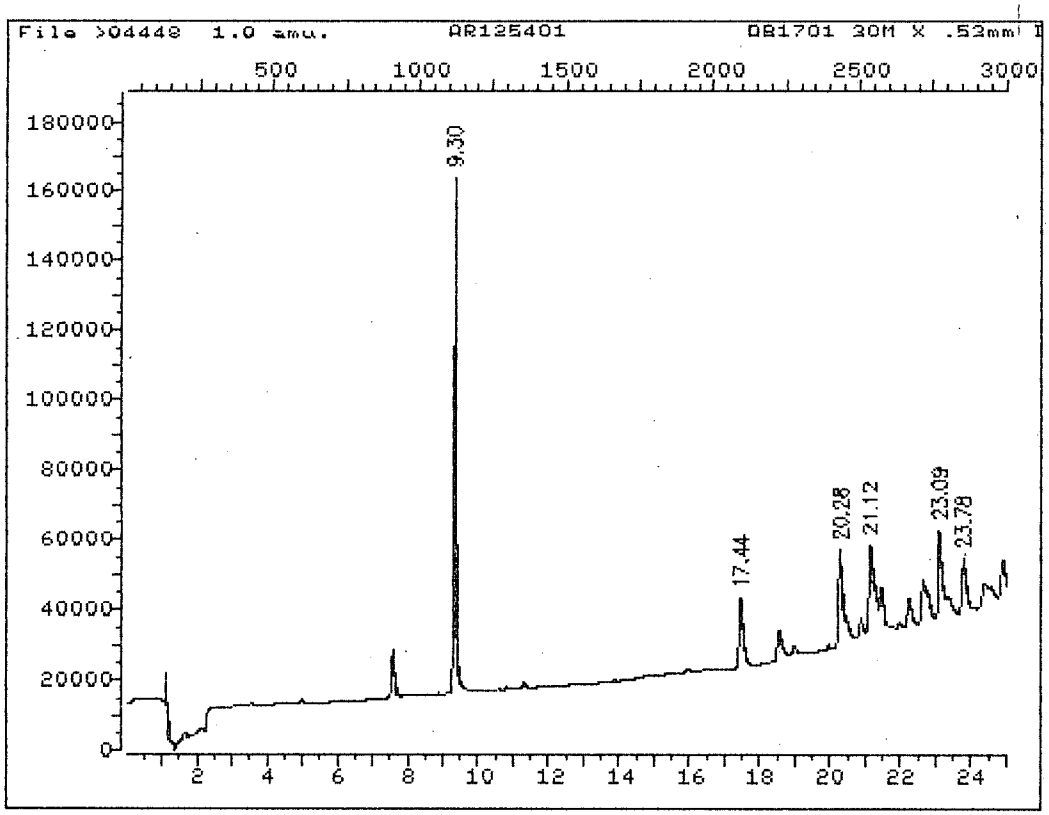

Data File: >04448::G4 Quant Output File: ^04448::GQ
Name: AR125401 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:35
Injected at: 960723 22:06

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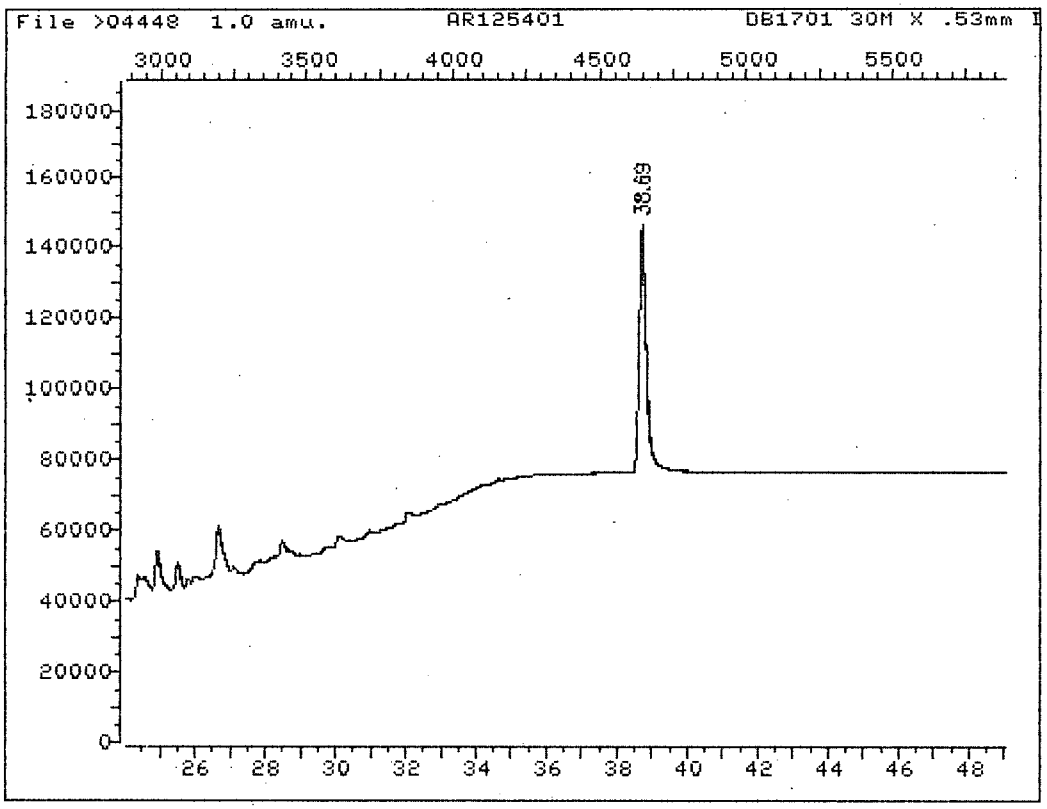

Data File: >04448::G4 Quant Output File: ^04448::GQ
Name: AR125401 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:35
Injected at: 960723 22:06

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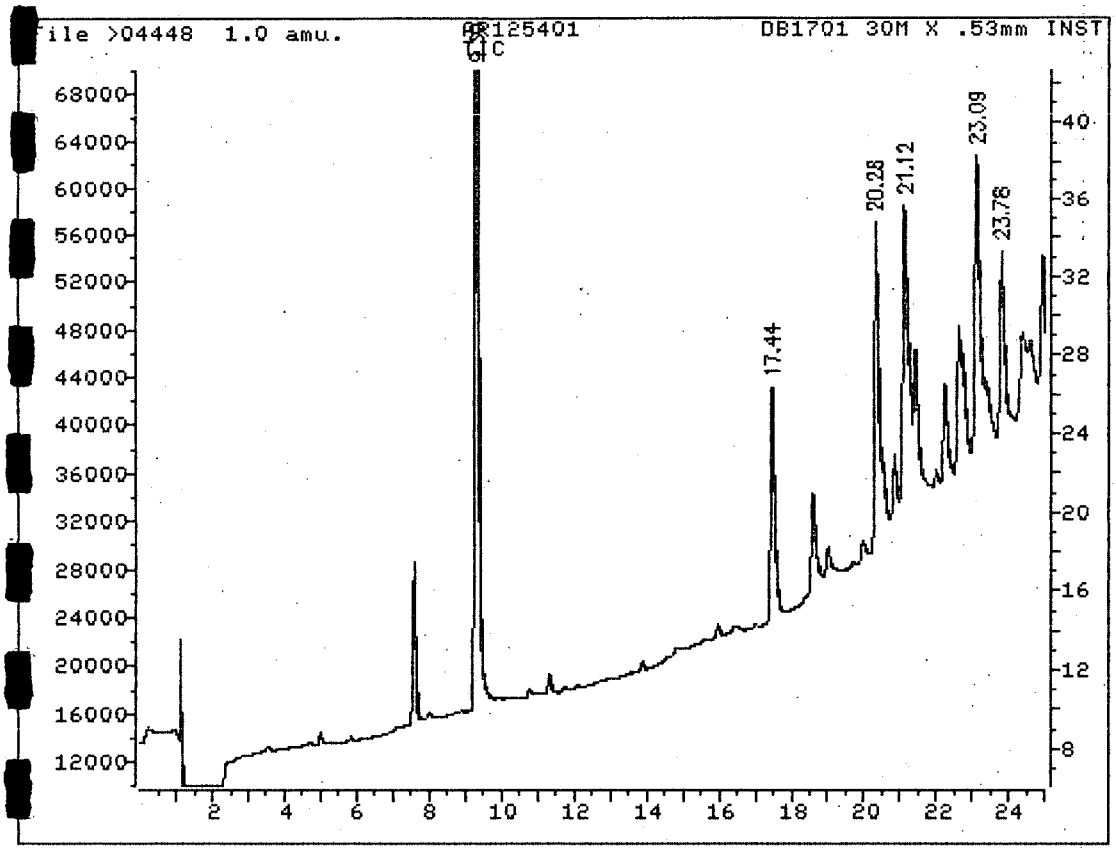
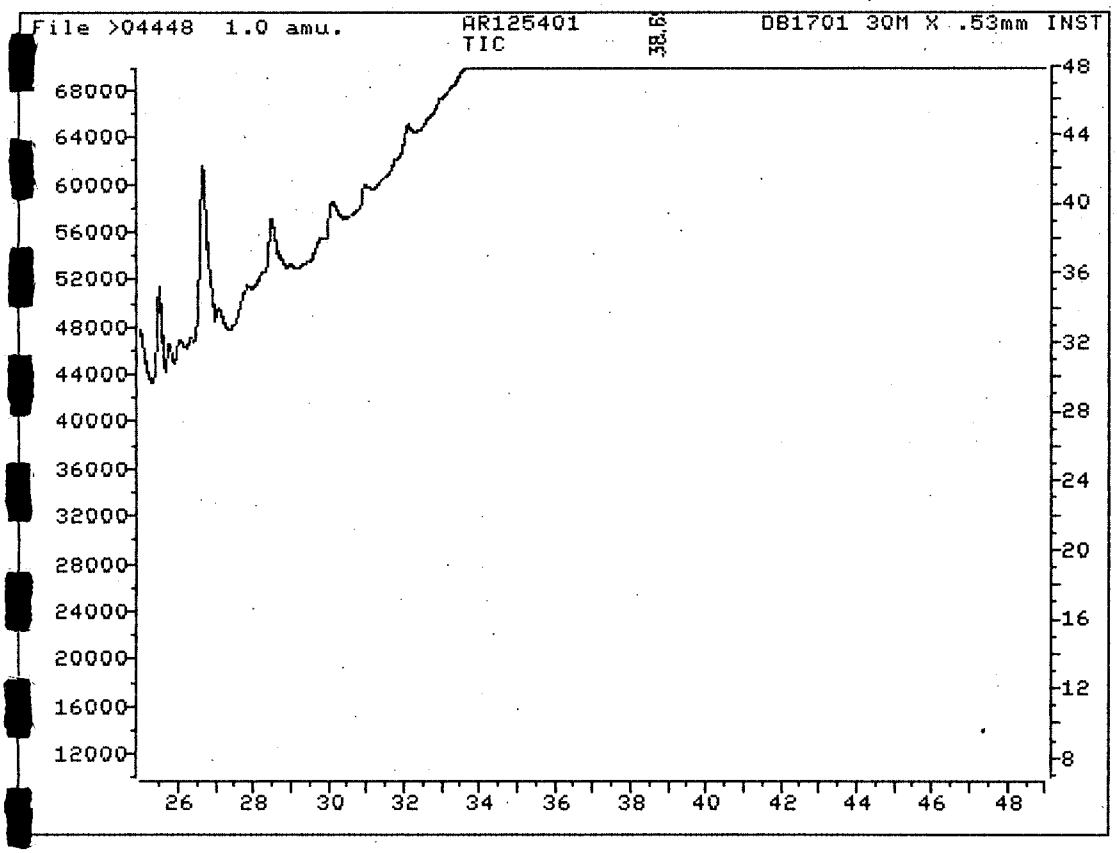


MS data file header from : >04448::G4

Sample: AR125401 Operator: TRFI2 7/23/96 22:06
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04448::G4

Sample: AR125401 Operator: TRFI2 7/23/96 22:06
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 13:50
Output File: ^03449::GQ Injected at: 960723 23:00
Data File: >03449::G2 Dilution Factor: 1.00000
Name: TOXAPH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2309609	17.95	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4996	2418021	20.30	ng/ml	100
22)	#Toxaphene(1)	0.500	23.70	2844	820035	500.00	ng/ml	100
31)	#Toxaphene(2)	0.500	27.55	3306	824497	500.00	ng/ml	100
32)	#Toxaphene(3)	0.500	28.29	3395	1072537	500.00	ng/ml	100
33)	#Toxaphene(4)	0.500	30.44	3653	977475	500.00	ng/ml	100

Compound uses ESTD

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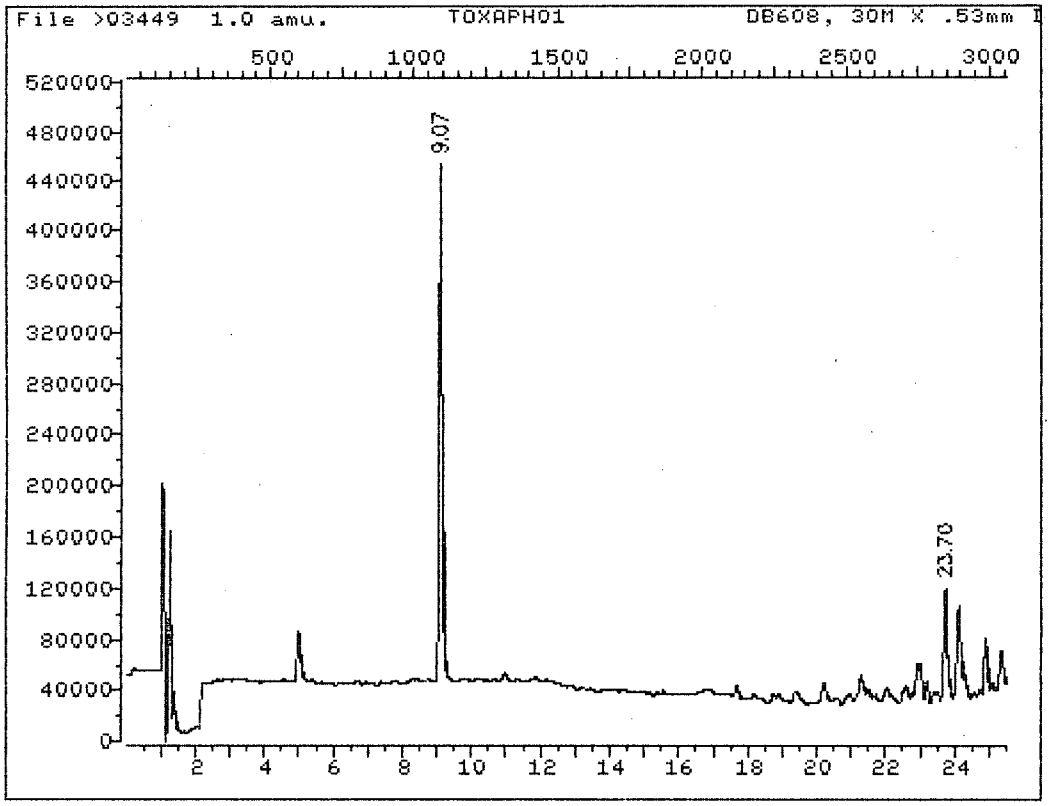

Data File: >03449::G2 Quant Output File: ^03449::GQ
Name: TOXAPH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:50
Injected at: 960723 23:00

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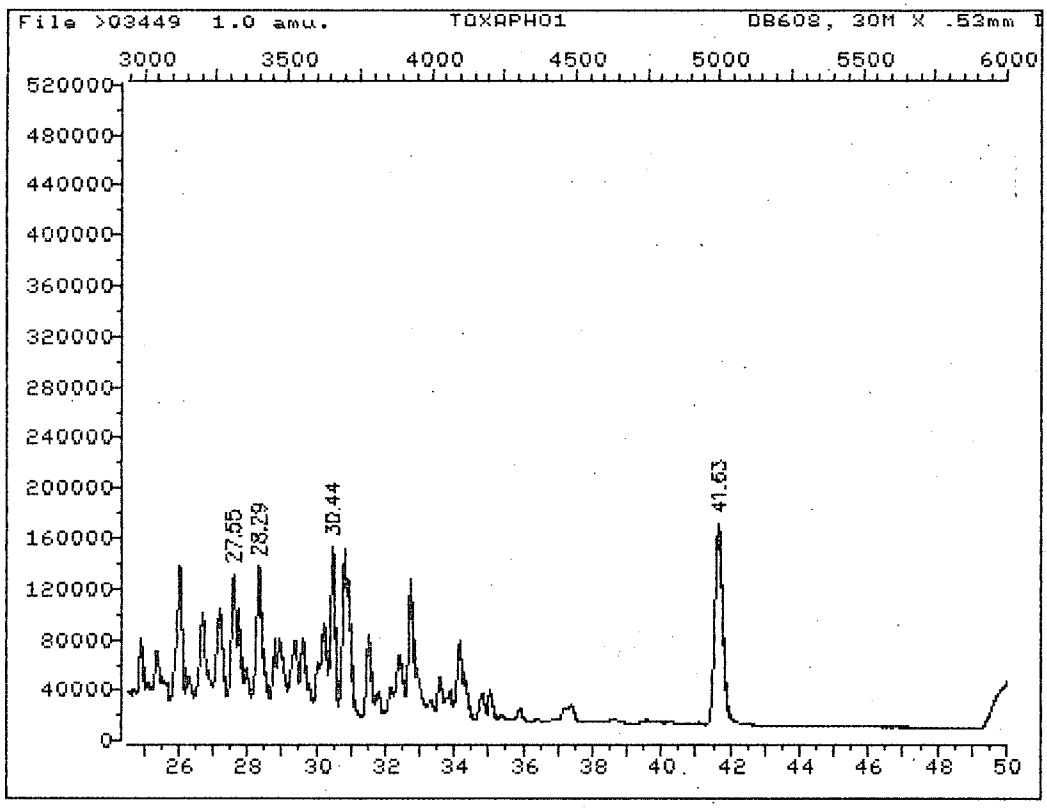

Data File: >03449::G2 Quant Output File: ^03449::GQ
Name: TOXAPH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 13:50
Injected at: 960723 23:00

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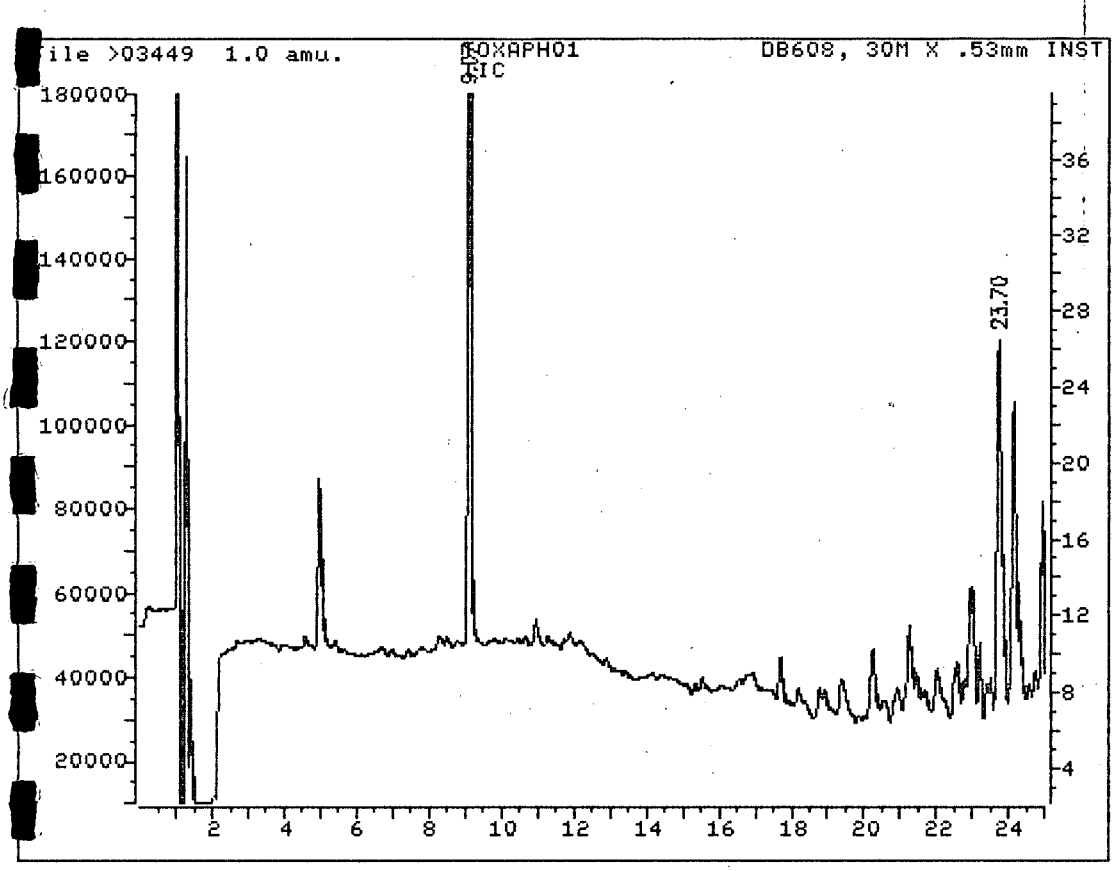
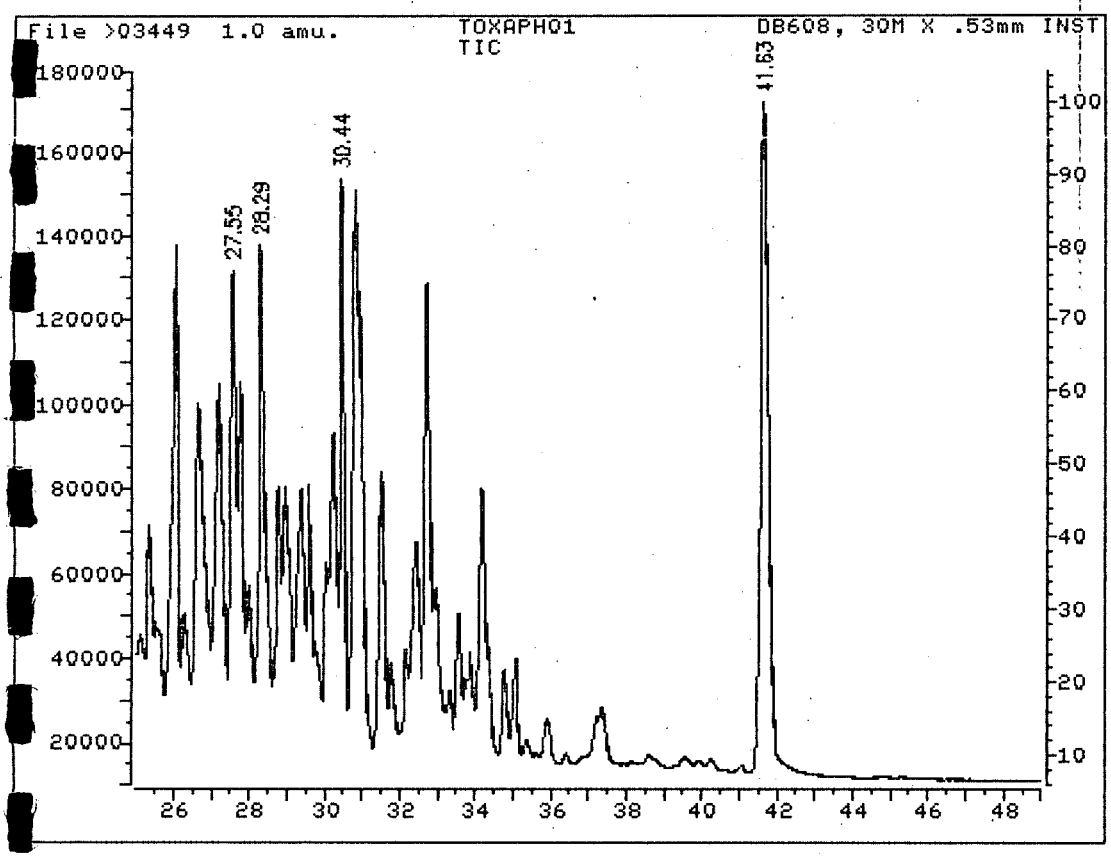


MS data file header from : >03449::G2

Sample: TOXAPH01 Operator: TRFI2 7/23/96 23:00
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03449::G2

Sample: TOXAPH01 Operator: TRFI2 7/23/96 23:00
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:36
Output File: ^04449::GQ Injected at: 960723 23:00
Data File: >04449::G4 Dilution Factor: 1.00000
Name: TOXAPH01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	794413	17.86	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.68	4642	920625	19.58	ng/ml	100
22)	#Toxaphene(1)	0.500	25.15	3018	271465	500.00	ng/ml	100
31)	#Toxaphene(2)	0.500	28.37	3404	344900	500.00	ng/ml	100
32)	#Toxaphene(3)	0.500	30.35	3642	262925	500.00	ng/ml	100
33)	#Toxaphene(4)	0.500	31.78	3813	251287	500.00	ng/ml	100

Compound uses ESTD

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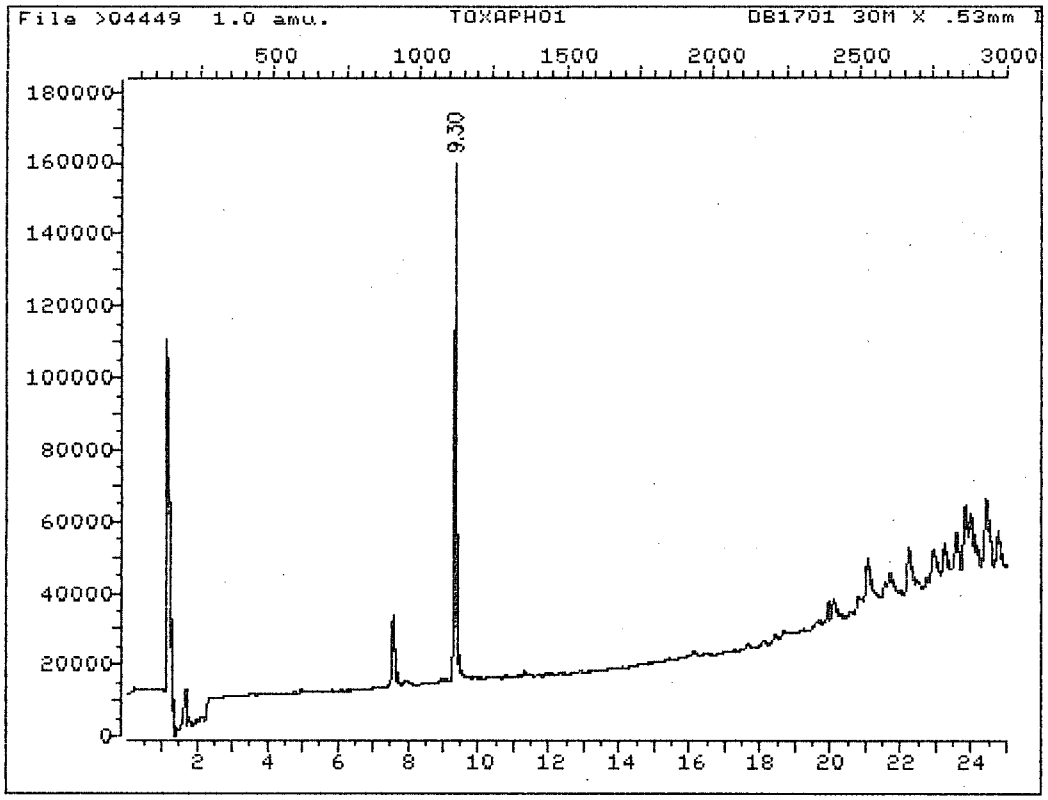

Data File: >04449::G4 Quant Output File: ^04449::GQ
Name: TOXAPH01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:36
Injected at: 960723 23:00

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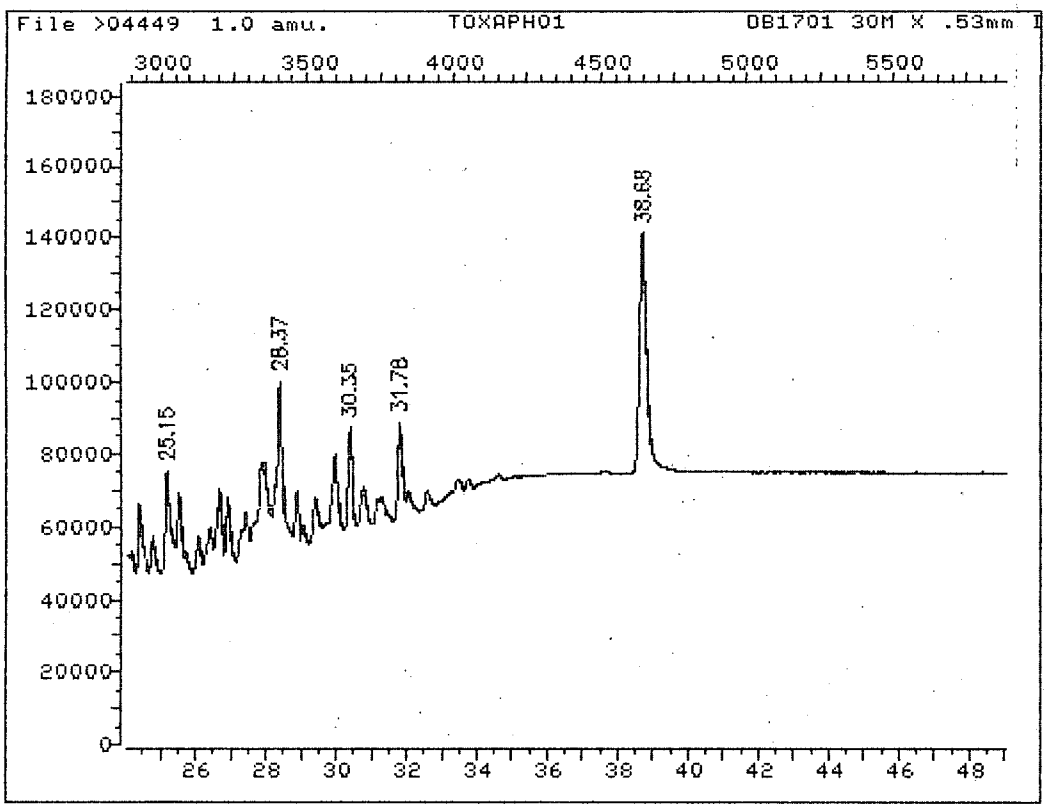

Data File: >04449::G4 Quant Output File: ^04449::GQ
Name: TOXAPH01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:36
Injected at: 960723 23:00

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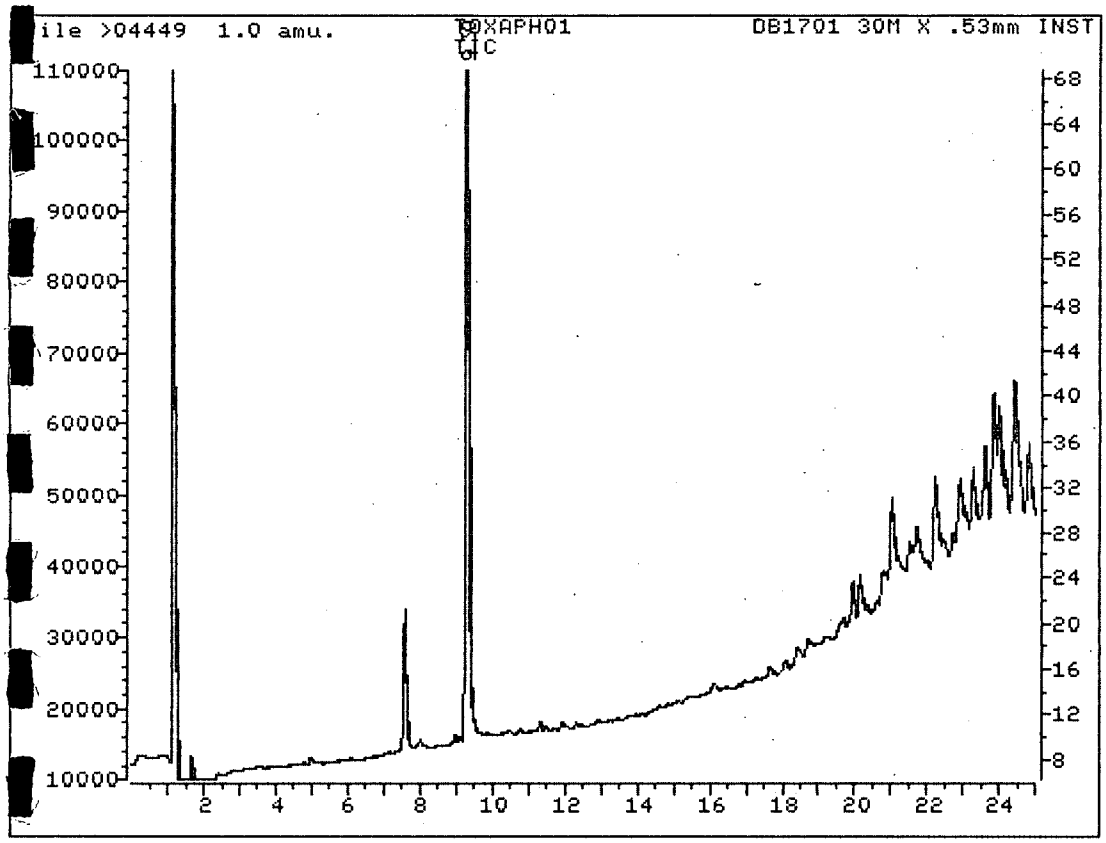
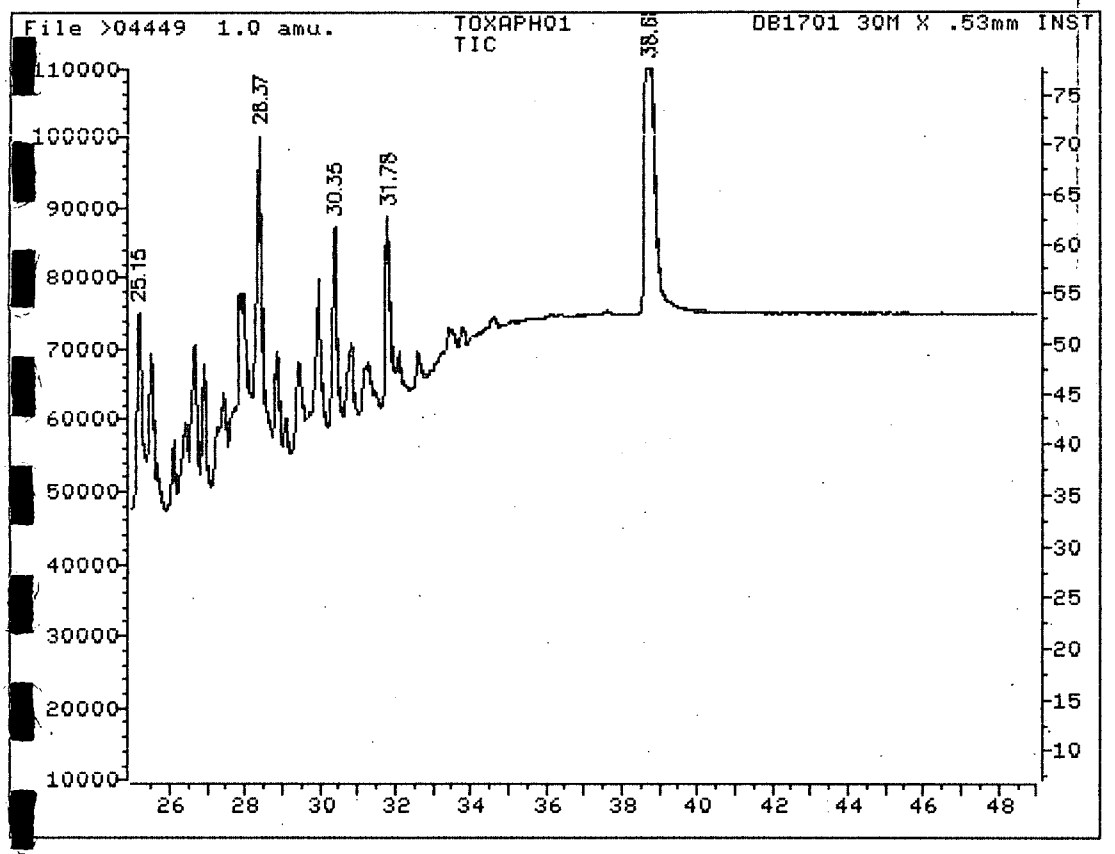


MS data file header from : >04449::G4

Sample: TOXAPH01 Operator: TRFI2 7/23/96 23:00
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04449::G4

Sample: TOXAPH01 Operator: TRFI2 7/23/96 23:00
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 18:11
Output File: ^03469::GQ Injected at: 960724 17:17
Data File: >03469::G2 Dilution Factor: 1.00000
Name: INDAM02 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2629731	20.44	ng/ml	100
2)	#alpha-BHC	0.020	12.46	1495	3030204	19.98	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	14.35	1722	2864313	20.33	ng/ml	100
6)	#Heptachlor	0.020	15.84	1901	2361777	20.39	ng/ml	100
9)	#Endosulfan I	0.020	21.58	2590	2169460	19.98	ng/ml	100
10)	#Dieldrin	0.040	23.02	2762	3969702	40.51	ng/ml	100
12)	#Endrin	0.040	24.81	2977	3554519	39.90	ng/ml	100
14)	#4,4'-DDD	0.040	25.62	3074	2417783	39.58	ng/ml	100
16)	#4,4'-DDT	0.040	27.19	3263	2667617	38.80	ng/ml	100
17)	#Methoxychlor	0.200	32.44	3892	7718198	196.24	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.63	4996	4869995	40.88	ng/ml	100

Compound uses ESTD

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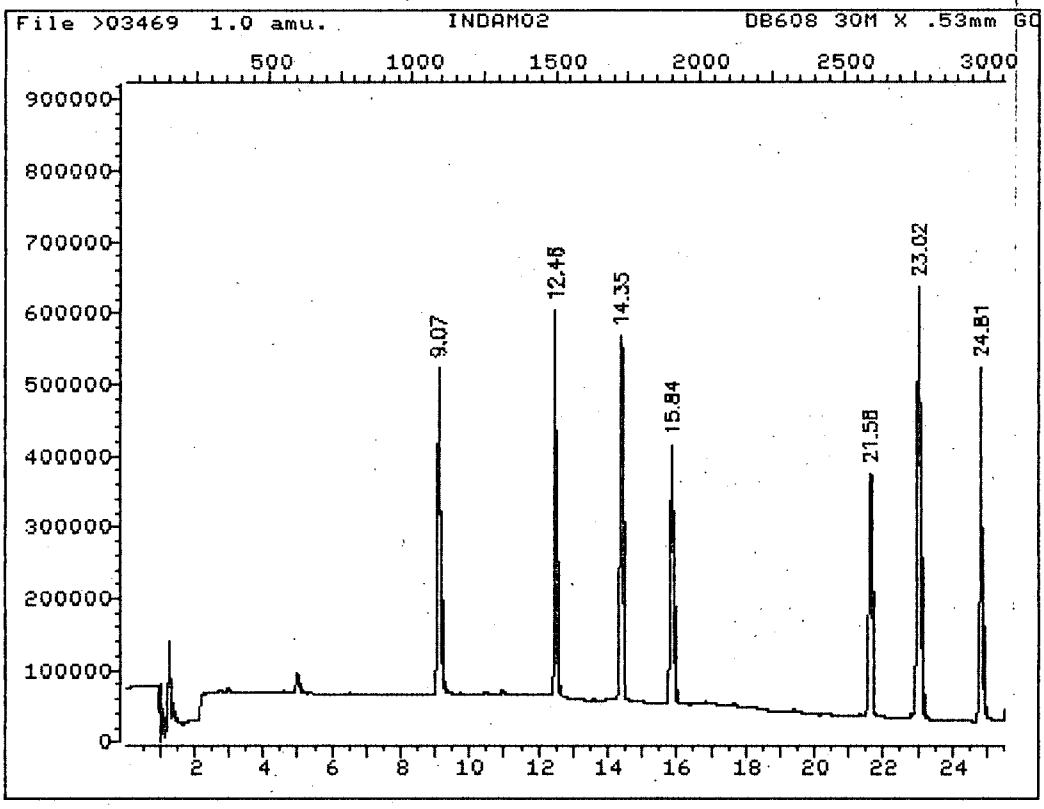
7/30/96



Data File: >03469::G2 Quant Output File: ^03469::GQ
Name: INDAM02 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 18:11
Injected at: 960724 17:17

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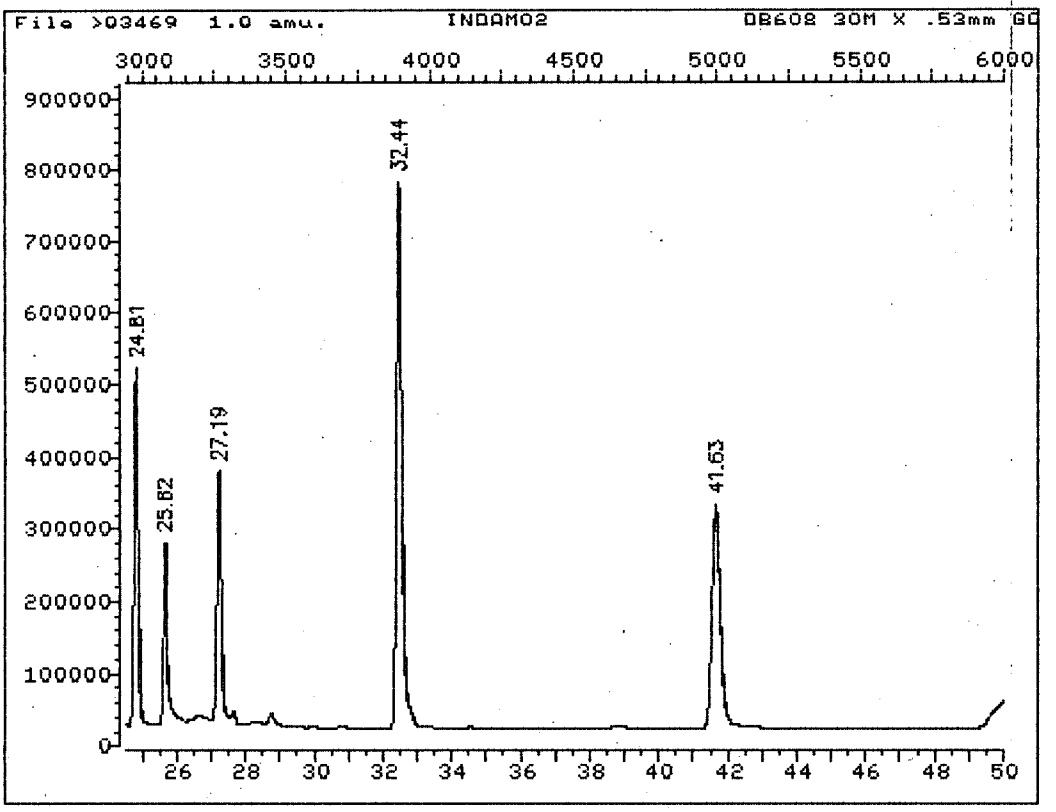

Data File: >03469::G2 Quant Output File: ^03469::GQ
Name: INDAM02 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 18:11
Injected at: 960724 17:17

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 18:09
Output File: ^04469::GQ Injected at: 960724 17:17
Data File: >04469::G4 Dilution Factor: 1.00000
Name: INDAM02 Instrument ID: GC04
Misc: DB1701,30M X .53mm GC58903 1ul inj

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	885719	19.91	ng/ml	100
2)	#alpha-BHC	0.020	13.42	1610	661426	20.03	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	15.26	1831	700029	19.98	ng/ml	100
6)	#Heptachlor	0.020	16.29	1955	949203	19.84	ng/ml	100
9)	#Endosulfan I	0.020	21.74	2609	685004	19.31	ng/ml	100
10)	#Dieldrin	0.040	23.39	2807	1284709	39.56	ng/ml	100
12)	#Endrin	0.040	24.35	2922	1191453	40.20	ng/ml	100
14)	#4,4'-DDD	0.040	26.54	3184	728429	38.49	ng/ml	100
16)	#4,4'-DDT	0.040	27.42	3290	551321	32.50	ng/ml	100
17)	#Methoxychlor	0.200	30.84	3701	2223660	171.32	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.69	4643	1857502	39.50	ng/ml	100

Compound uses ESTD

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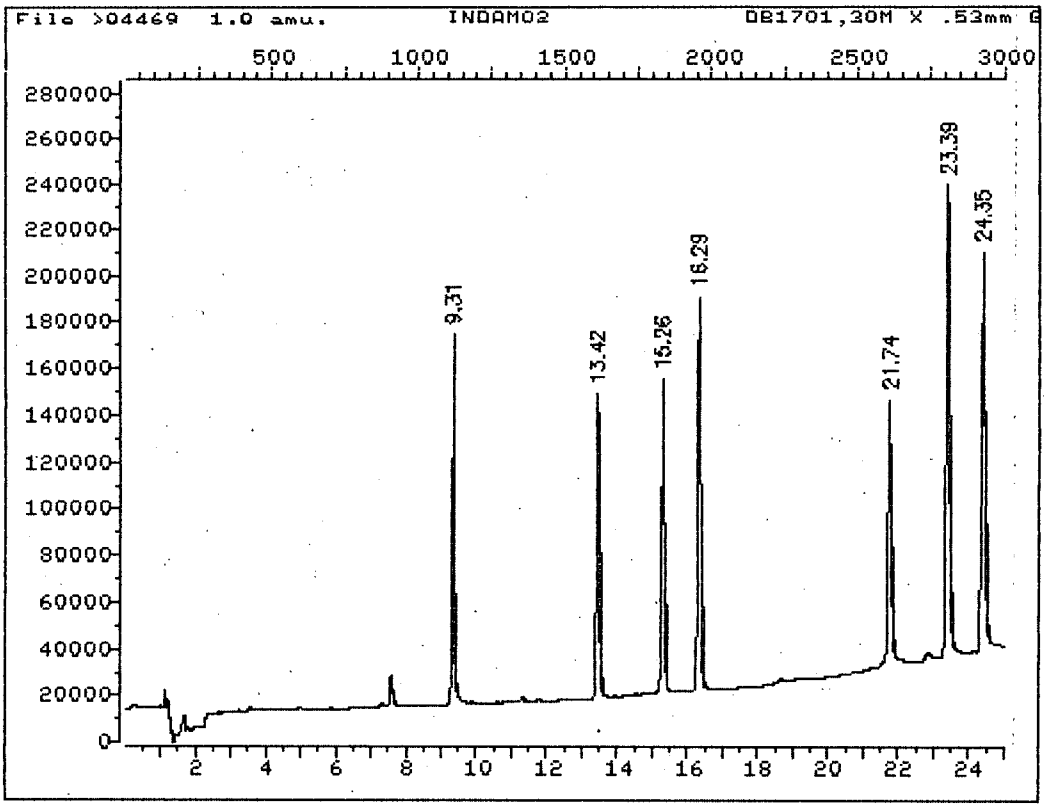
7/30/96



Data File: >04469::G4 Quant Output File: ^04469::GQ
Name: INDAM02 Instrument ID: GC04
Misc: DB1701,30M X .53mm GC58903 1ul inj

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 18:09
Injected at: 960724 17:17

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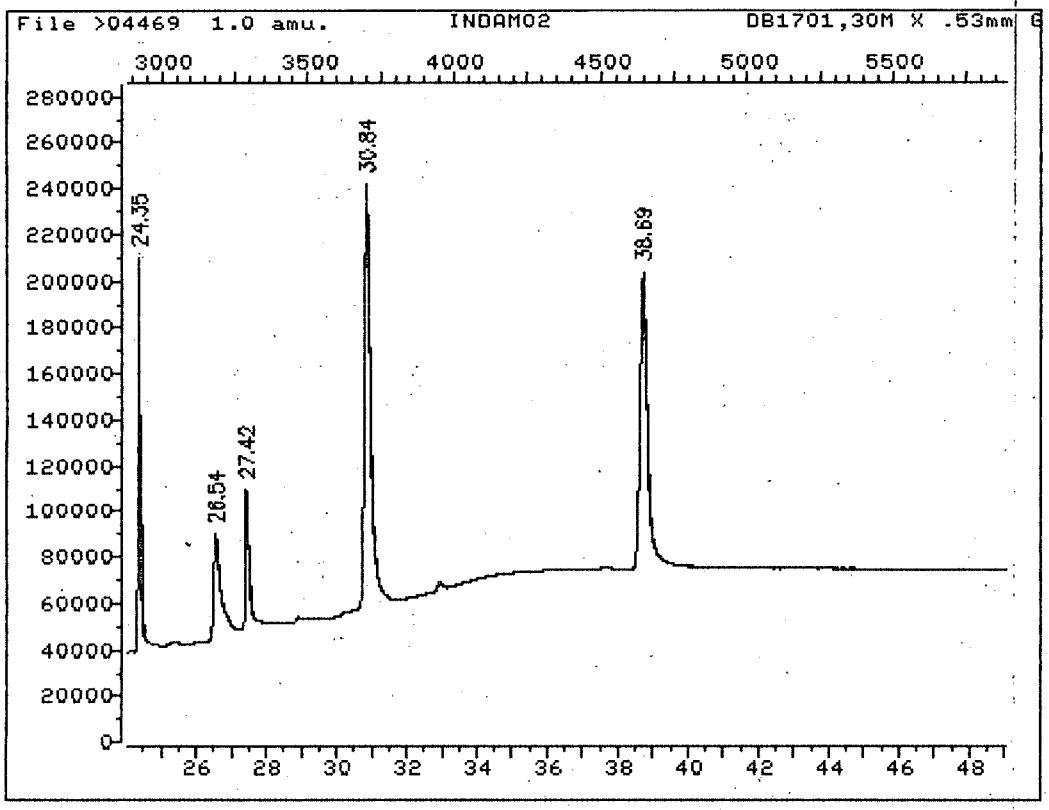

Data File: >04469::G4 Quant Output File: ^04469::GQ
Name: INDAM02 Instrument ID: GC04
Misc: DB1701,30M X .53mm GC58903 1ul inj

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 18:09
Injected at: 960724 17:17

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 10:05
Output File: ^03493::GQ Injected at: 960725 15:16
Data File: >03493::G2 Dilution Factor: 1.00000
Name: INDAM03 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2661832	20.69	ng/ml	100
2)	#alpha-BHC	0.020	12.46	1495	3059842	20.18	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	14.35	1722	2881690	20.45	ng/ml	100
6)	#Heptachlor	0.020	15.84	1901	2333502	20.15	ng/ml	100
9)	#Endosulfan I	0.020	21.58	2590	2158548	19.88	ng/ml	100
10)	#Dieldrin	0.040	23.02	2762	3965196	40.47	ng/ml	100
12)	#Endrin	0.040	24.81	2977	3573526	40.11	ng/ml	100
14)	#4,4'-DDD	0.040	25.62	3074	2372080	38.84	ng/ml	100
16)	#4,4'-DDT	0.040	27.19	3263	2615606	38.05	ng/ml	100
17)	#Methoxychlor	0.200	32.44	3892	7593036	193.06	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.64	4997	4881424	40.98	ng/ml	100

Compound uses ESTD

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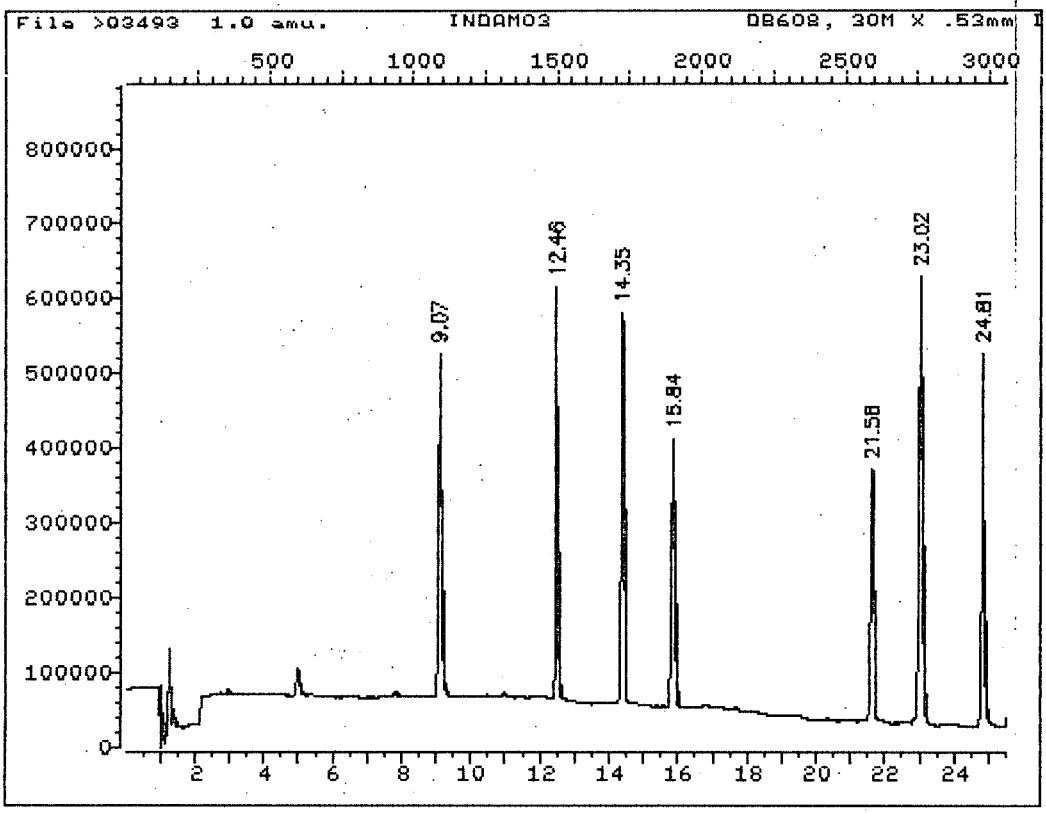
7/30/96



Data File: >03493::G2 Quant Output File: ^03493::GQ
Name: INDAM03 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:05
Injected at: 960725 15:16

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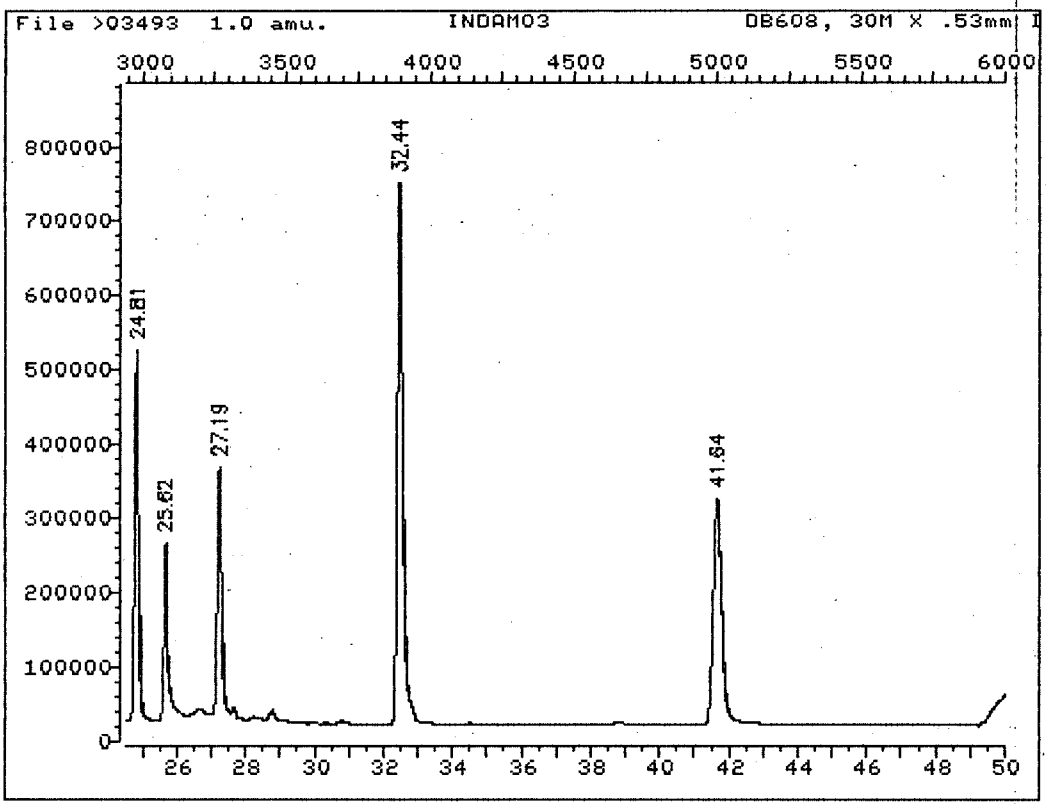

Data File: >03493::G2 Quant Output File: ^03493::GQ
Name: INDAM03 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:05
Injected at: 960725 15:16

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 10:43
Output File: ^04493::GQ Injected at: 960725 15:17
Data File: >04493::G4 Dilution Factor: 1.00000
Name: INDAM03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	887041	19.94	ng/ml	100
2)	#alpha-BHC	0.020	13.42	1610	659029	19.96	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	15.26	1831	695670	19.85	ng/ml	100
6)	#Heptachlor	0.020	16.30	1956	949988	19.86	ng/ml	100
9)	#Endosulfan I	0.020	21.75	2610	781408	22.03	ng/ml	100
10)	#Dieldrin	0.040	23.39	2807	1271130	39.14	ng/ml	100
12)	#Endrin	0.040	24.35	2922	1151765	38.86	ng/ml	100
14)	#4,4'-DDD	0.040	26.54	3185	746633	39.45	ng/ml	100
16)	#4,4'-DDT	0.040	27.43	3291	522539	30.81	ng/ml	100
17)	#Methoxychlor	0.200	30.85	3702	2314143	178.29	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.70	4644	1846483	39.27	ng/ml	100

Compound uses ESTD

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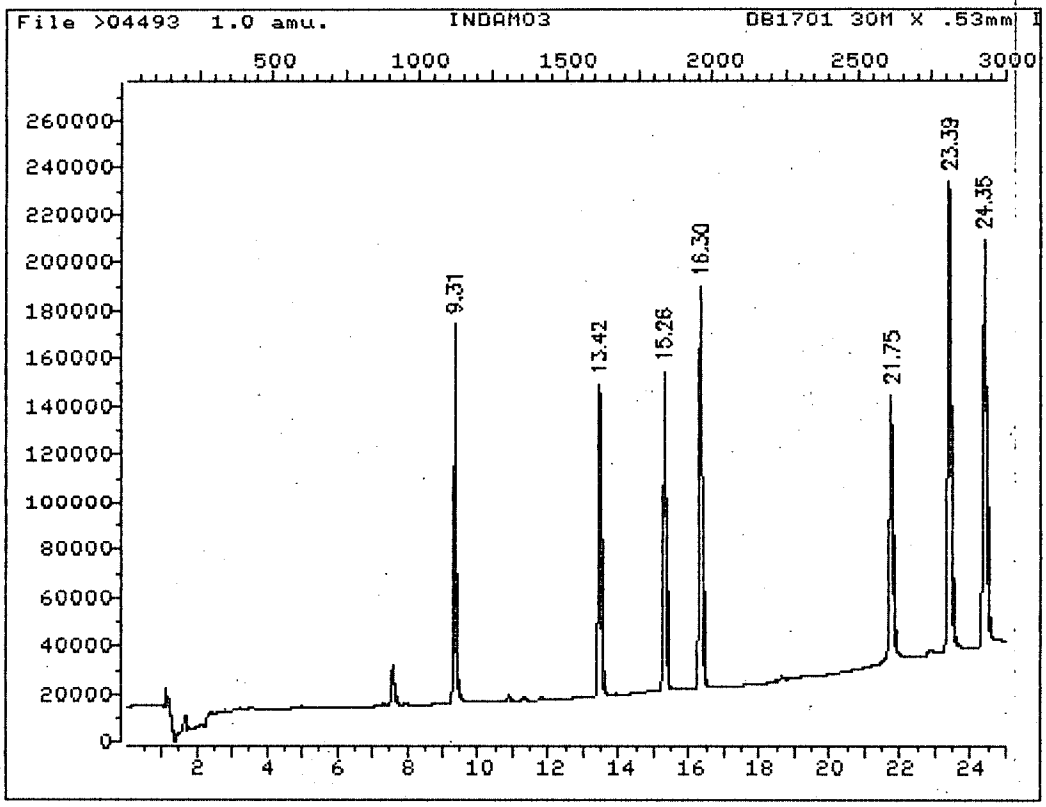

Data File: >04493::G4 Quant Output File: ^04493::GQ
Name: INDAM03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:43
Injected at: 960725 15:17

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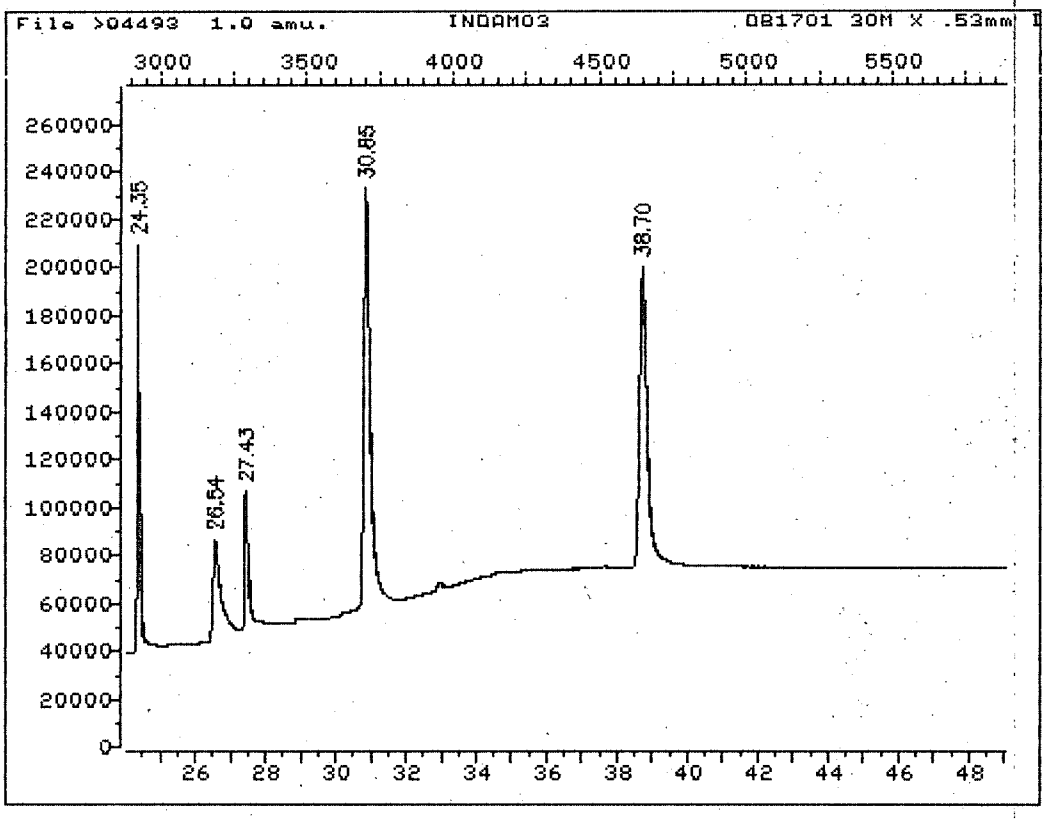

Data File: >04493::G4 Quant Output File: ^04493::GQ
Name: INDAM03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAF2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:43
Injected at: 960725 15:17

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:17
Output File: ^03515::GQ Injected at: 960726 11:25
Data File: >03515::G2 Dilution Factor: 1.00000
Name: INDAM04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2726906	21.19	ng/ml	100
2)	#alpha-BHC	0.020	12.47	1496	3155020	20.81	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	14.35	1722	2953584	20.96	ng/ml	100
6)	#Heptachlor	0.020	15.84	1901	2391821	20.65	ng/ml	100
9)	#Endosulfan I	0.020	21.59	2591	2180504	20.08	ng/ml	100
10)	#Dieldrin	0.040	23.03	2763	4017177	41.00	ng/ml	100
12)	#Endrin	0.040	24.81	2977	3487407	39.15	ng/ml	100
14)	#4,4'-DDD	0.040	25.63	3075	2361064	38.66	ng/ml	100
16)	#4,4'-DDT	0.040	27.20	3264	2551928	37.12	ng/ml	100
17)	#Methoxychlor	0.200	32.44	3893	7376774	187.56	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.64	4997	4889078	41.04	ng/ml	100

Compound uses ESTD

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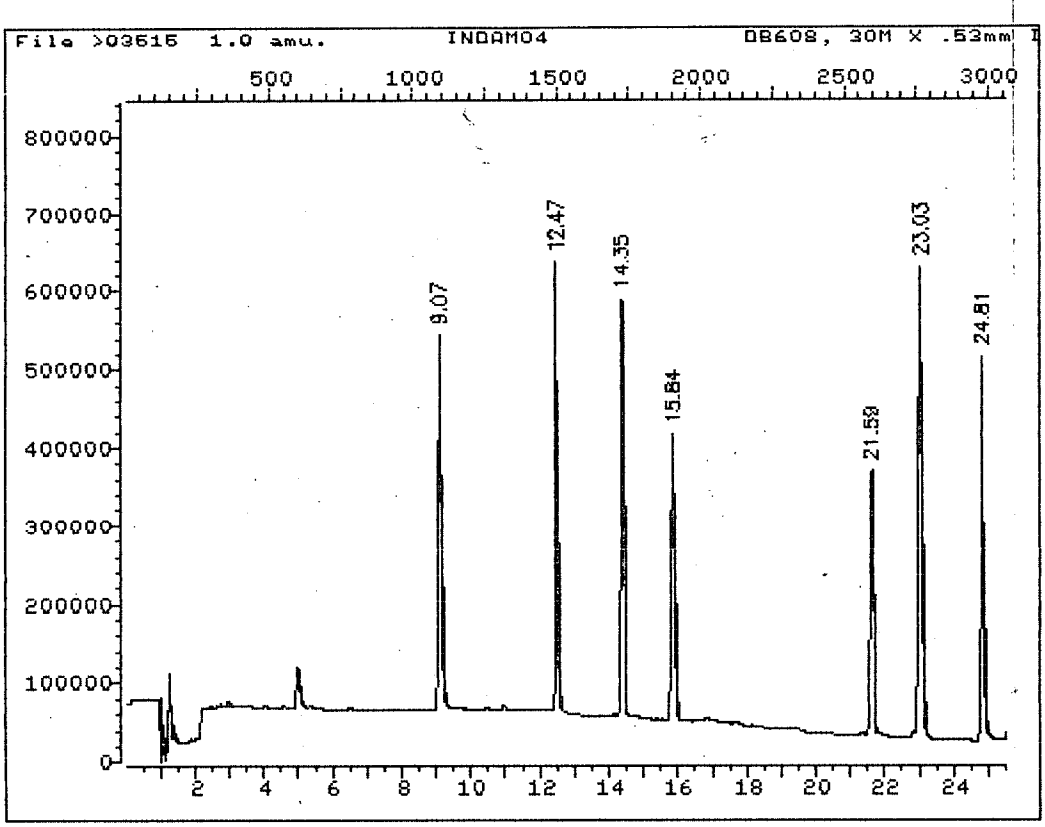
7/31/96



Data File: >03515::G2 Quant Output File: ^03515::GQ
Name: INDAM04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:17
Injected at: 960726 11:25

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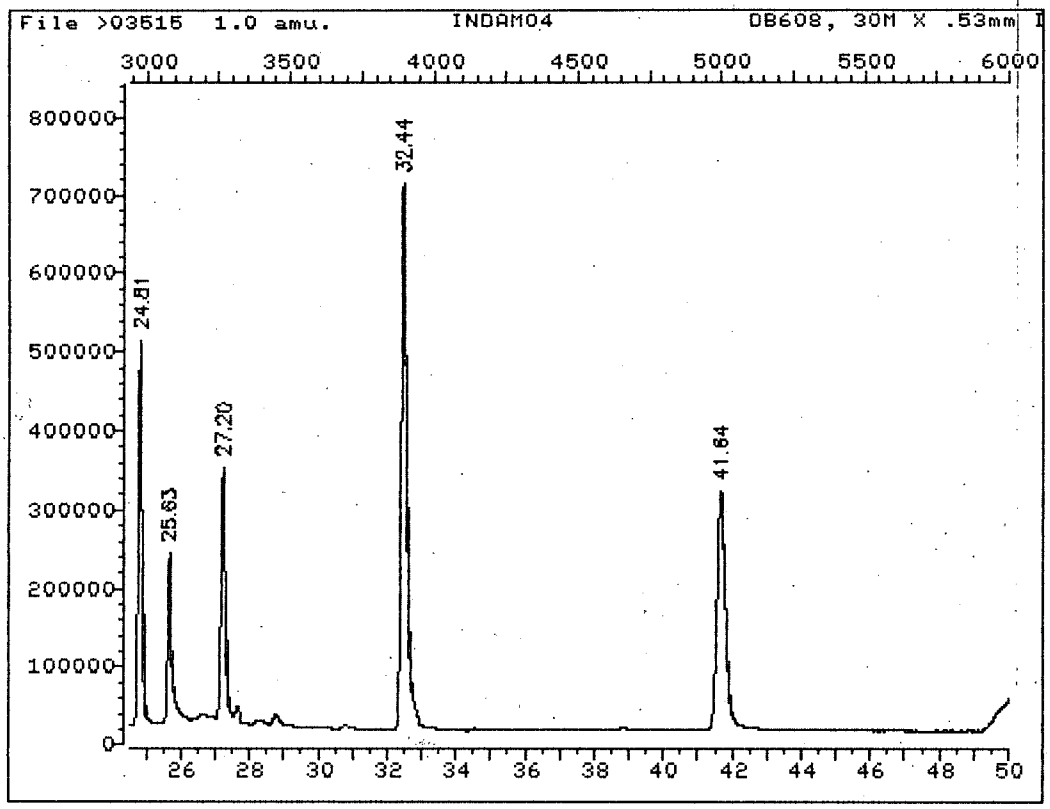

Data File: >03515::G2 Quant Output File: ^03515::GQ
Name: INDAM04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:17
Injected at: 960726 11:25

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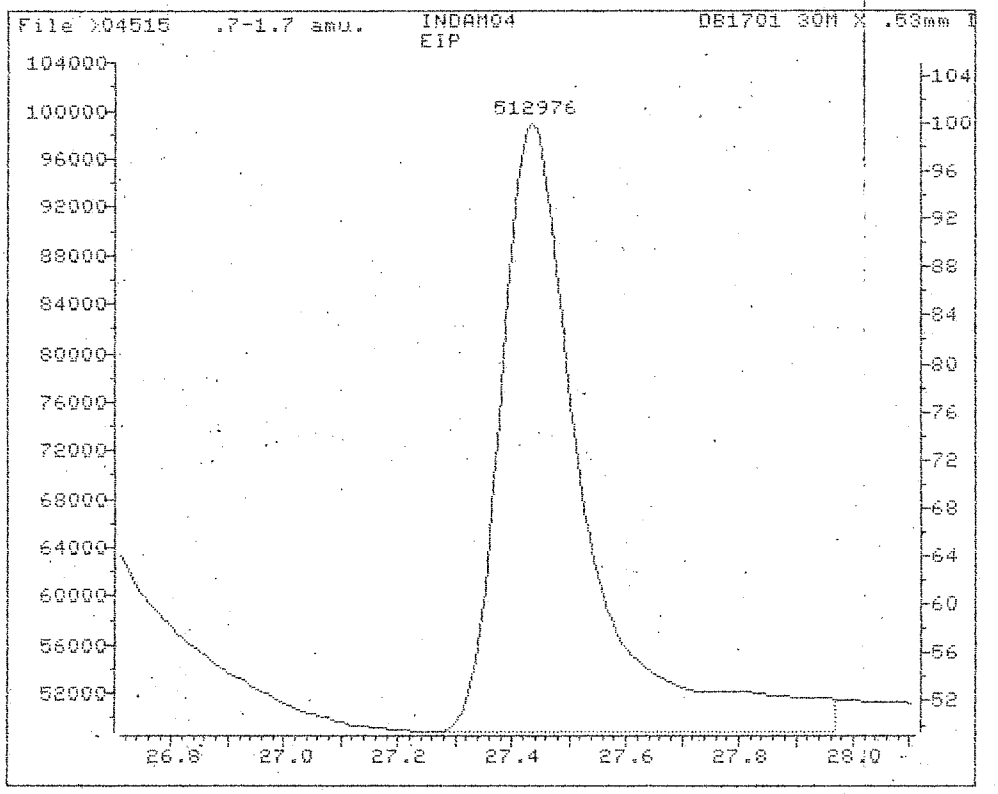


Data File: >04515::G4 Quant Output File: ^04515::GQ
Name: INDAM04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ
Quant Time: 960730 11:47 Quant ID File: IDCAP2::SC
Injected at: 960726 11:26 Last Calibration: 941029 10:07

Compound No: 16
Compound Name: 4,4'-DDT
Scan Number: 3292
Retention Time: 27.44 min.
Quant Ion: 1.0
Area: 512976M
Concentration: 30.24 ng/ml
q-value: 100

This report was produced by QAREA on: 960731 10:39

QUANT REPORT

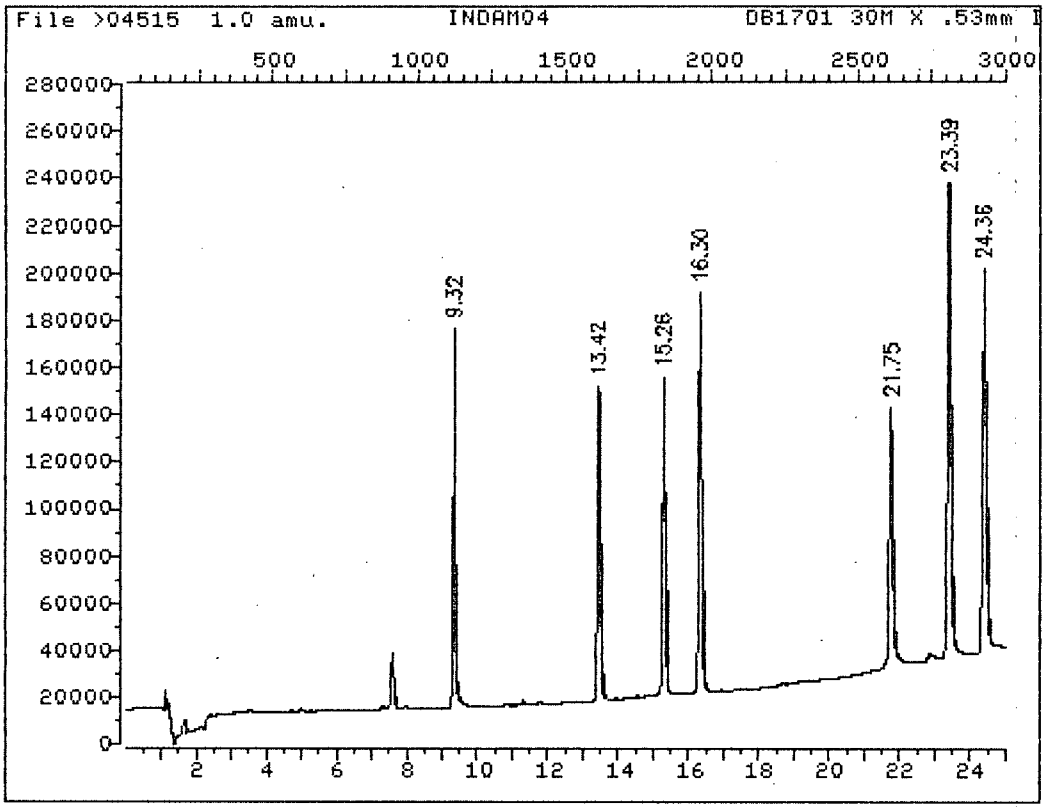
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:47
Output File: ^04515::GQ Injected at: 960726 11:26
Data File: >04515::G4 Dilution Factor: 1.00000
Name: INDAM04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	0.020	9.32	1118	902365	20.28	ng/ml	100
2) #alpha-BHC	0.020	13.42	1610	674666	20.43	ng/ml	100
5) #gamma-BHC (Lindane)	0.020	15.26	1831	706134	20.15	ng/ml	100
6) #Heptachlor	0.020	16.30	1956	952142	19.90	ng/ml	100
9) #Endosulfan I	0.020	21.75	2610	796615	22.46	ng/ml	100
10) #Dieldrin	0.040	23.39	2807	1294974	39.88	ng/ml	100
12) #Endrin	0.040	24.36	2923	1121872	37.85	ng/ml	100
14) #4,4'-DDD	0.040	26.56	3187	732099	38.68	ng/ml	100
16) #4,4'-DDT	0.040	27.44	3292	512976M	30.24	ng/ml	100
17) #Methoxychlor	0.200	30.87	3704	2164460	166.76	ng/ml	100
19) #Decachlorobiphenyl	0.040	38.71	4645	1869249	39.75	ng/ml	100

Compound uses ESTD

EPrice
7/31/96



Data File: >04515::G4 Quant Output File: ^04515::GQ
Name: INDAM04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:47
Injected at: 960726 11:26

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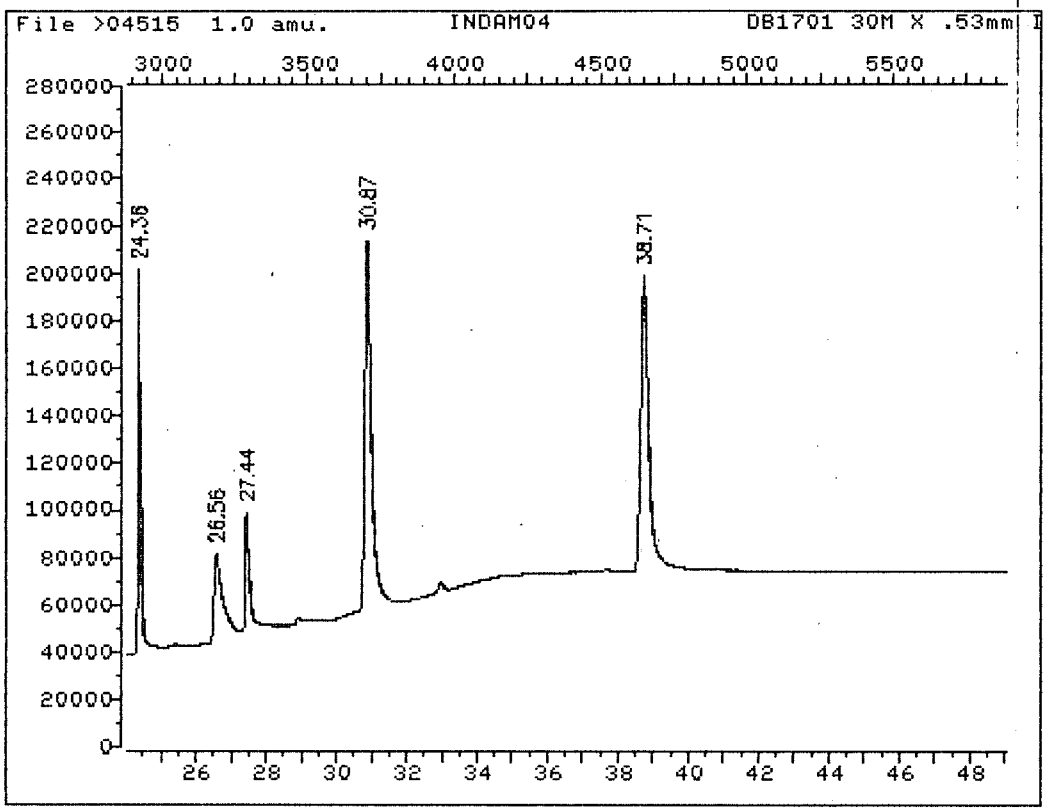

Data File: >04515::G4 Quant Output File: ^04515::GQ
Name: INDAM04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:47
Injected at: 960726 11:26

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QUANT REPORT

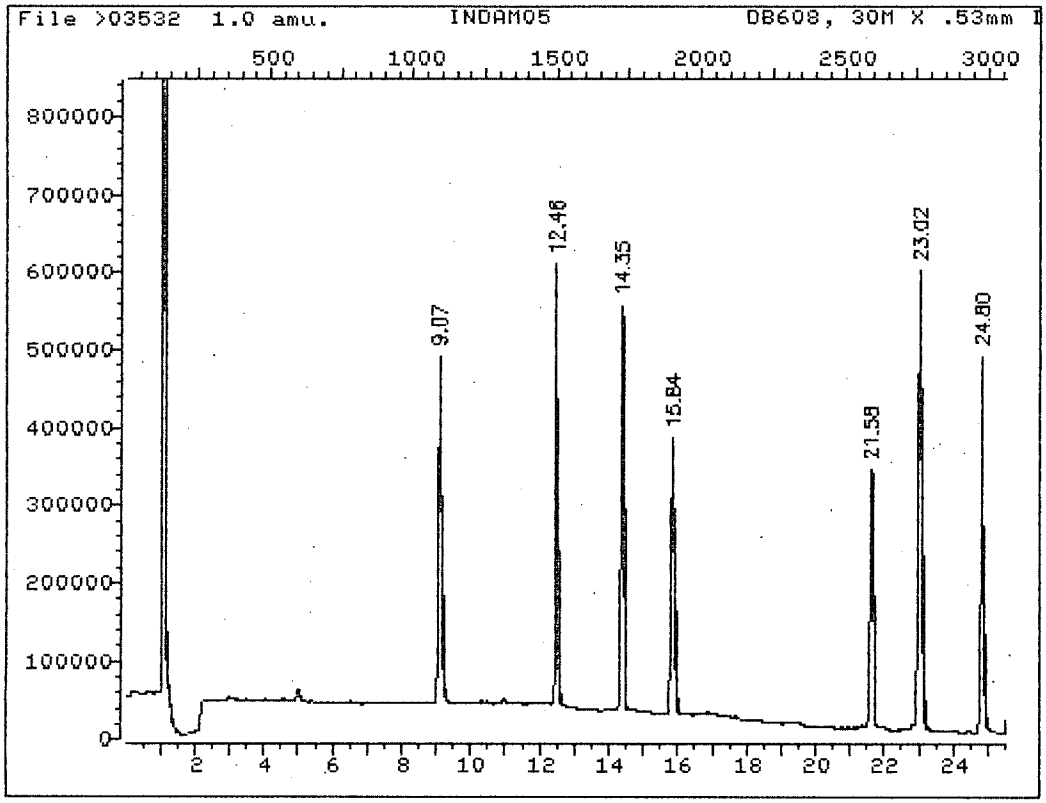
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960728 00:49
Output File: ^03532::GQ Injected at: 960727 23:56
Data File: >03532::G2 Dilution Factor: 1.00000
Name: INDAM05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2556657	19.87	ng/ml	100
2)	#alpha-BHC	0.020	12.46	1495	3139343	20.70	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	14.35	1722	2919966	20.72	ng/ml	100
6)	#Heptachlor	0.020	15.84	1901	2303380	19.89	ng/ml	100
9)	#Endosulfan I	0.020	21.58	2590	2137343	19.68	ng/ml	100
10)	#Dieldrin	0.040	23.02	2762	3942890	40.24	ng/ml	100
12)	#Endrin	0.040	24.80	2976	3498048	39.27	ng/ml	100
14)	#4,4'-DDD	0.040	25.62	3074	2407660	39.42	ng/ml	100
16)	#4,4'-DDT	0.040	27.19	3263	2520129	36.66	ng/ml	100
17)	#Methoxychlor	0.200	32.44	3892	7340130	186.63	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.63	4996	4734545	39.74	ng/ml	100

Compound uses ESTD

E Rice
8/8/96



Data File: >03532::G2 Quant Output File: ^03532::GQ
Name: INDAM05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 00:49
Injected at: 960727 23:56

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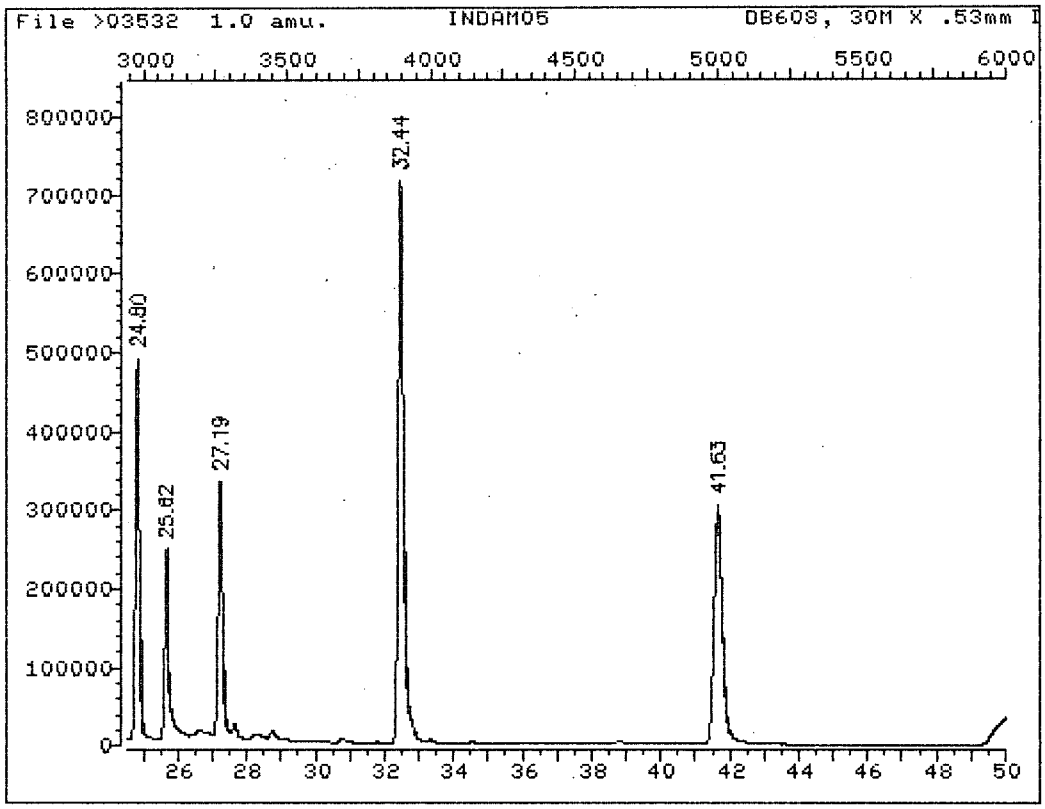

Data File: >03532::G2 Quant Output File: ^03532::GQ
Name: INDAM05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 00:49
Injected at: 960727 23:56

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QUANT REPORT

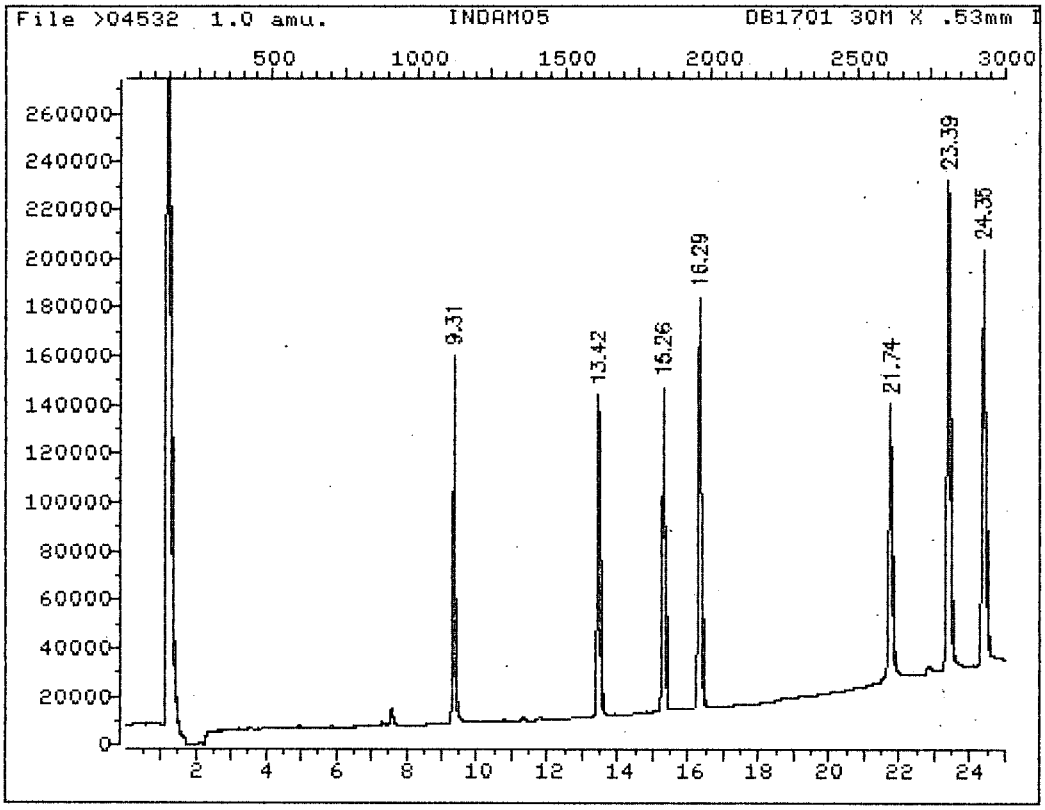
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960728 00:47
Output File: ^04532::GQ Injected at: 960727 23:56
Data File: >04532::G5 Dilution Factor: 1.00000
Name: INDAM05 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	850654	19.12	ng/ml	100
2)	#alpha-BHC	0.020	13.42	1610	669305	20.27	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	15.26	1831	707582	20.19	ng/ml	100
6)	#Heptachlor	0.020	16.29	1955	951392	19.89	ng/ml	100
9)	#Endosulfan I	0.020	21.74	2609	794433	22.39	ng/ml	100
10)	#Dieldrin	0.040	23.39	2807	1295639	39.90	ng/ml	100
12)	#Endrin	0.040	24.35	2922	1167805	39.40	ng/ml	100
14)	#4,4'-DDD	0.040	26.54	3184	750397	39.65	ng/ml	100
16)	#4,4'-DDT	0.040	27.43	3291	513487M	30.27	ng/ml	100
17)	#Methoxychlor	0.200	30.84	3701	2075236	159.88	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.69	4643	1864120	39.65	ng/ml	100

Compound uses ESTD

EPmu
8/8/96



Data File: >04532::G5 Quant Output File: ^04532::GQ
Name: INDAM05 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 00:47
Injected at: 960727 23:56

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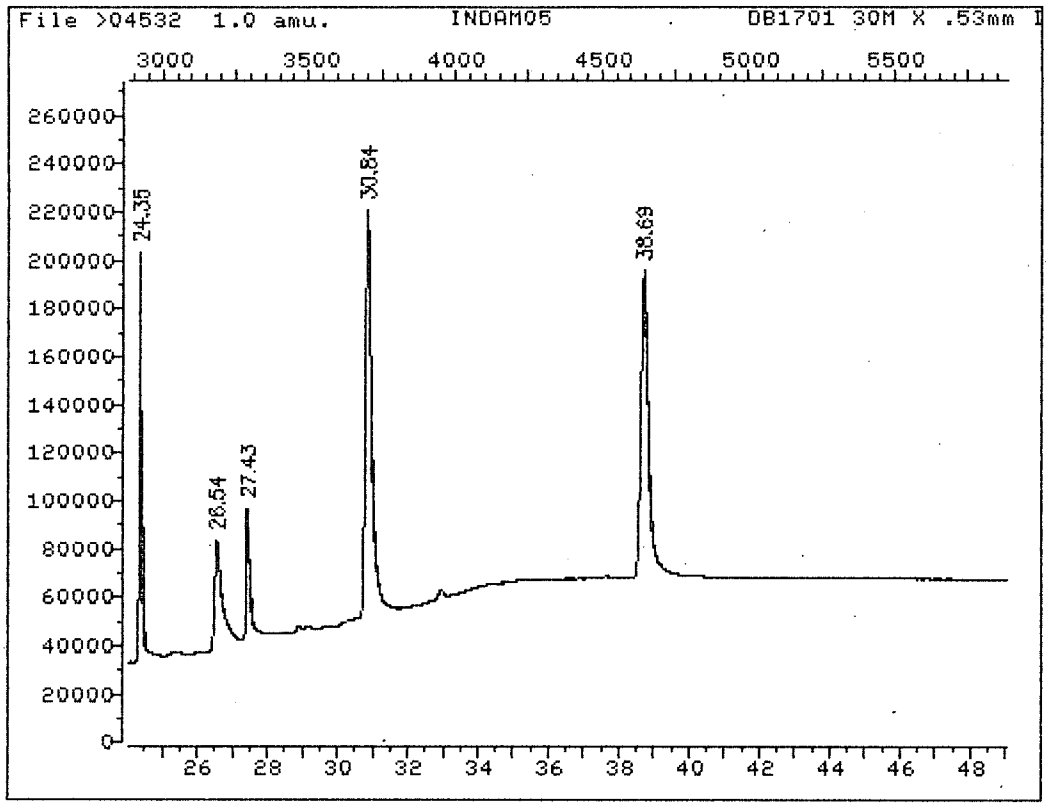

Data File: >04532::G5 Quant Output File: ^04532::GQ
Name: INDAM05 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 00:47
Injected at: 960727 23:56

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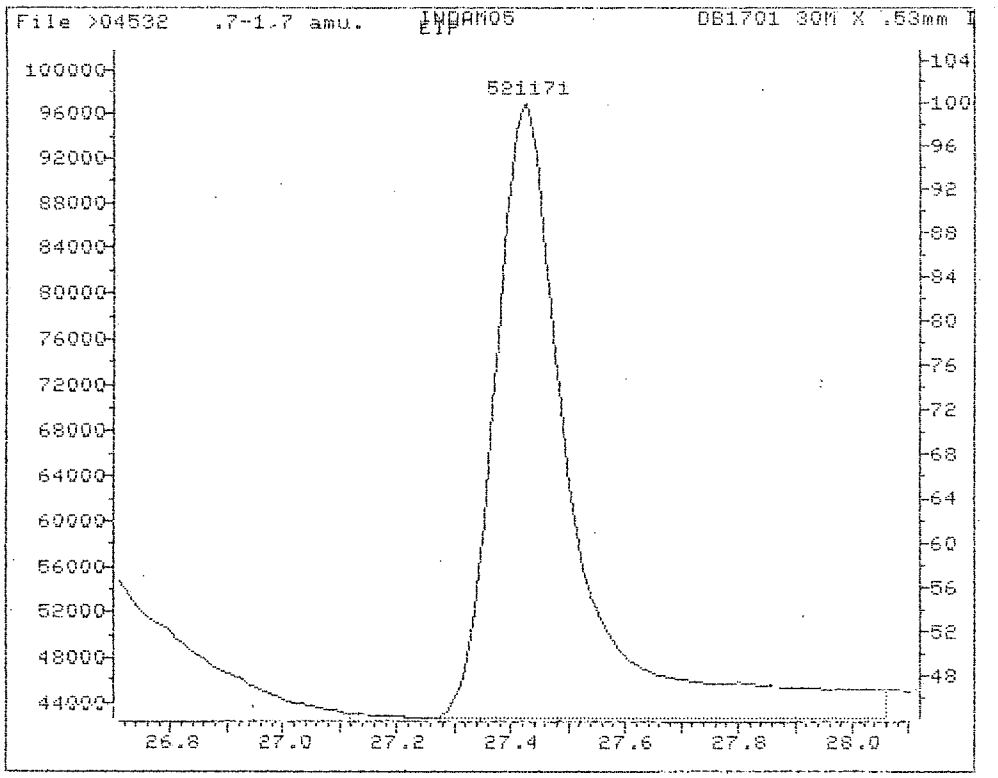


Data File: >04532::G5 Quant Output File: ^04532::GQ
Name: INDAM05 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ
Quant Time: 960728 00:47 Quant ID File: IDCAP2::SC
Injected at: 960727 23:56 Last Calibration: 941029 10:07

Compound No: 16
Compound Name: 4,4'-DDT
Scan Number: 3291
Retention Time: 27.43 min.
Quant Ion: 1.0
Area: 513487M
Concentration: 30.27 ng/ml
q-value: 100

This report was produced by QAREA on: 960813 14:57

QUANT REPORT

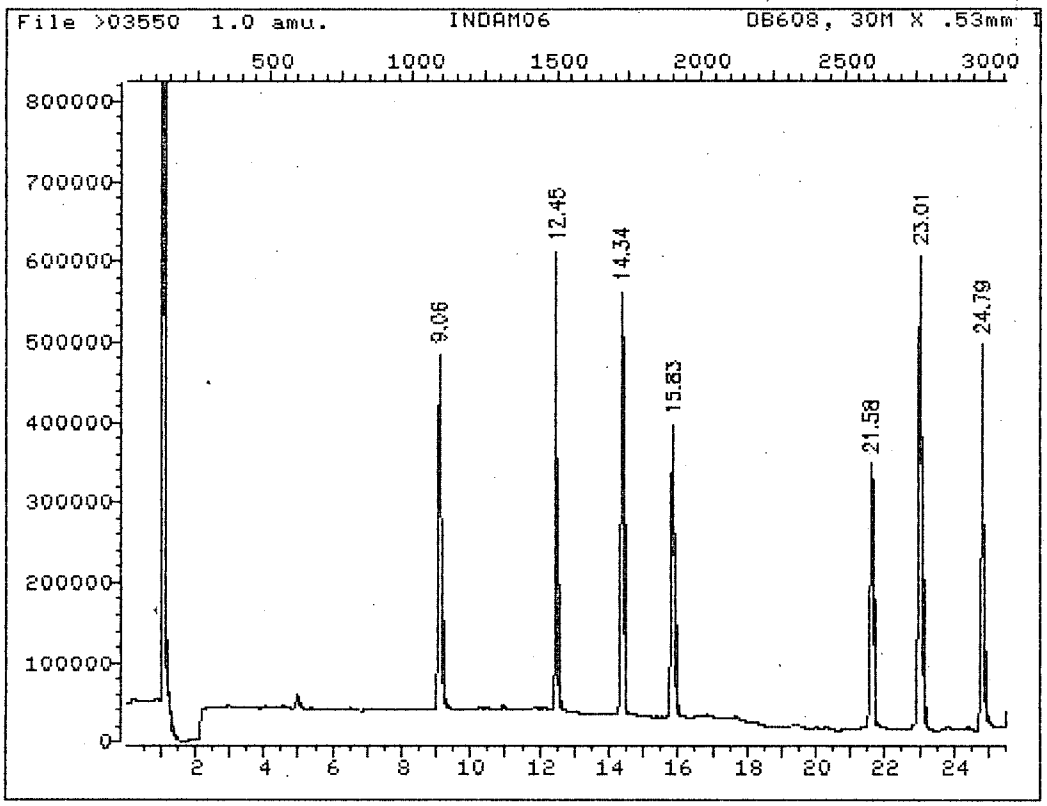
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960728 17:16
Output File: ^03550::GQ Injected at: 960728 16:24
Data File: >03550::G2 Dilution Factor: 1.00000
Name: INDAM06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.06	1087	2575149	20.01	ng/ml	100
2)	#alpha-BHC	0.020	12.45	1494	3148266	20.76	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	14.34	1721	2926526	20.77	ng/ml	100
6)	#Heptachlor	0.020	15.83	1900	2378647	20.53	ng/ml	100
9)	#Endosulfan I	0.020	21.58	2589	2277933	20.98	ng/ml	100
10)	#Dieldrin	0.040	23.01	2761	3962441	40.44	ng/ml	100
12)	#Endrin	0.040	24.79	2975	3520507	39.52	ng/ml	100
14)	#4,4'-DDD	0.040	25.61	3073	2482968	40.65	ng/ml	100
16)	#4,4'-DDT	0.040	27.19	3262	2407945	35.02	ng/ml	100
17)	#Methoxychlor	0.200	32.42	3890	7017377	178.42	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.62	4994	4916455	41.27	ng/ml	100

Compound uses ESTD

E Pucci
8/6/96



Data File: >03550::G2 Quant Output File: ^03550::GQ
Name: INDAM06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 17:16
Injected at: 960728 16:24

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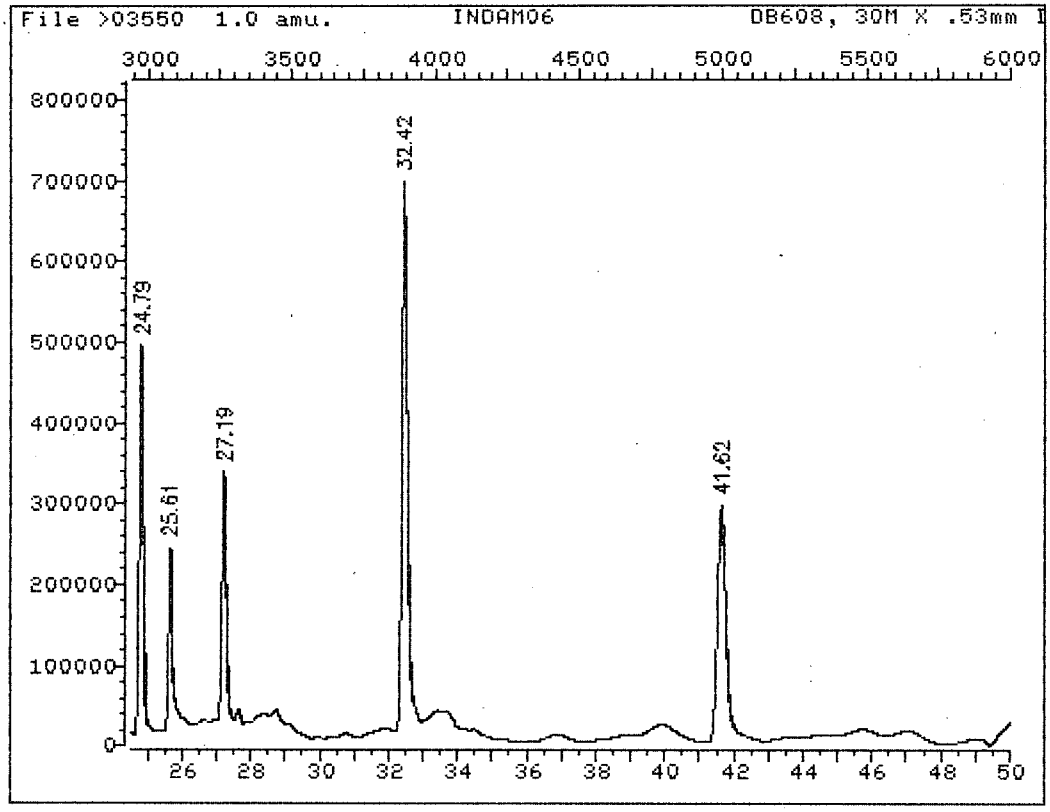

Data File: >03550::G2 Quant Output File: ^03550::GQ
Name: INDAM06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 17:16
Injected at: 960728 16:24

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QUANT REPORT

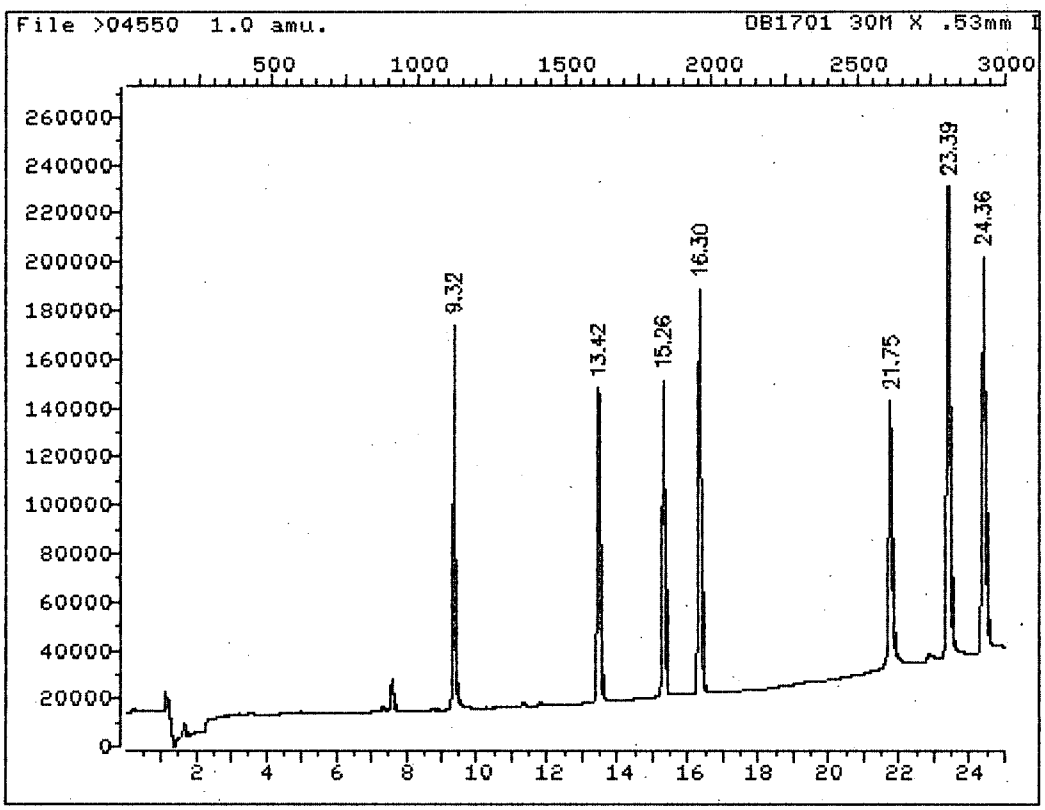
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960814 12:32
Output File: ^04550::QT Injected at: 960728 16:24
Data File: >04550::G5 Dilution Factor: 1.00000
Name: Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	pg injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	895709	20.13	ng/ml	100
2)	#alpha-BHC	0.020	13.42	1610	660502	20.00	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	15.26	1831	688494	19.65	ng/ml	100
6)	#Heptachlor	0.020	16.30	1956	946908	19.79	ng/ml	100
9)	#Endosulfan I	0.020	21.75	2610	763391	21.52	ng/ml	100
10)	#Dieldrin	0.040	23.39	2807	1287916	39.66	ng/ml	100
12)	#Endrin	0.040	24.36	2923	1087832	36.70	ng/ml	100
14)	#4,4'-DDD	0.040	26.56	3187	705709	37.29	ng/ml	100
16)	#4,4'-DDT	0.040	27.44	3292	516251M	30.44	ng/ml	100
17)	#Methoxychlor	0.200	30.87	3704	2188926	168.64	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.71	4645	1841567	39.17	ng/ml	100

Compound uses ESTD

E Price
8/14/96



Data File: >04550::G5 Quant Output File: ^04550::QT
Name: Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960814 12:32
Injected at: 960728 16:24

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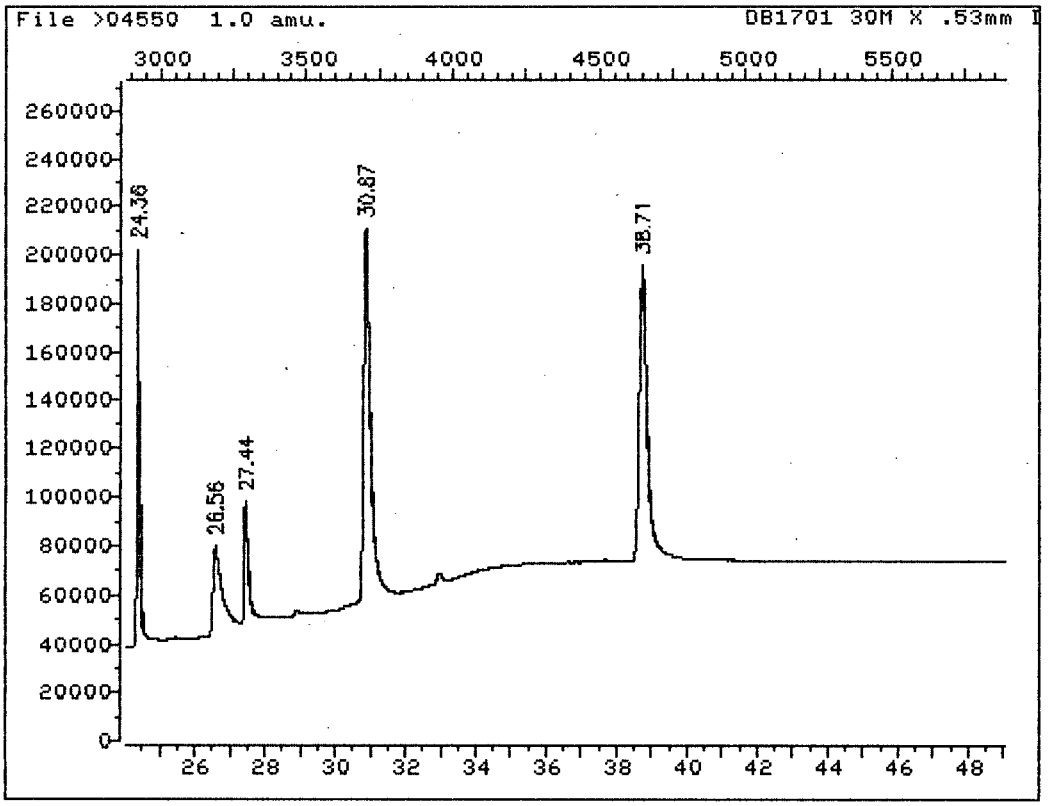

Data File: >04550::G5 Quant Output File: ^04550::QT
Name: Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960814 12:32
Injected at: 960728 16:24

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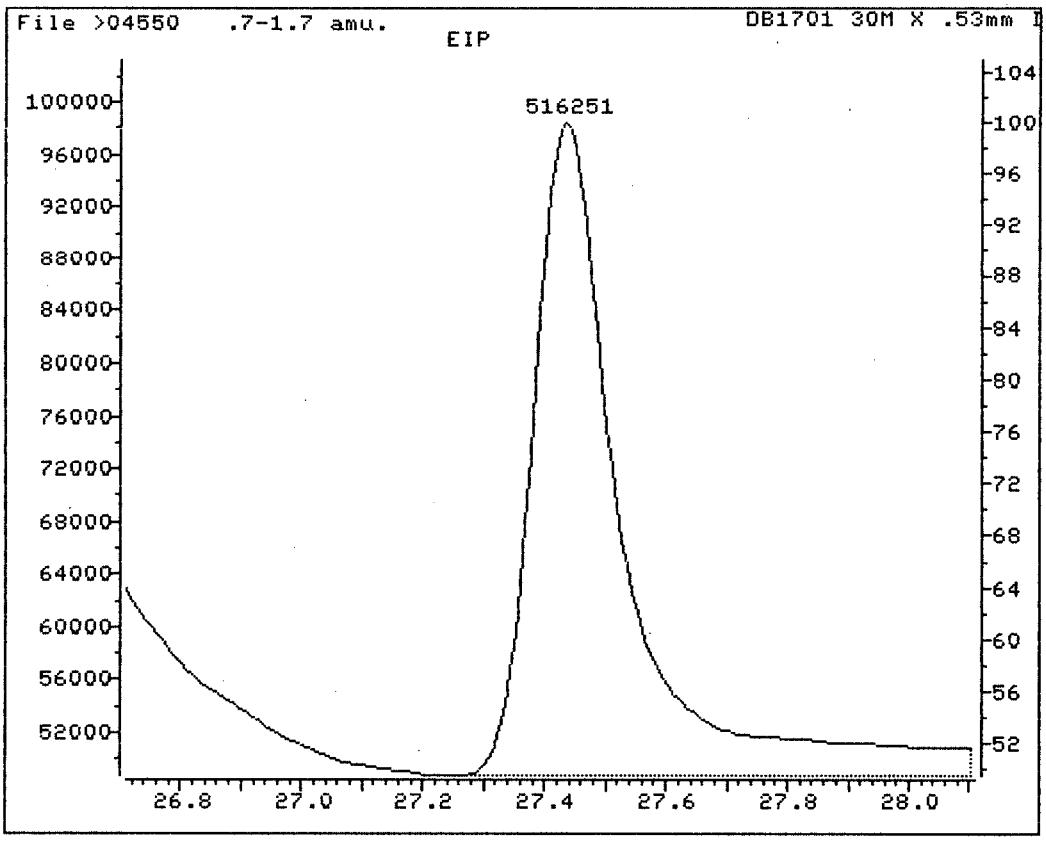


Data File: >04550::G5 Quant Output File: ^04550::QT
Name: Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ
Quant Time: 960814 12:32 Quant ID File: IDCAP2::SC
Injected at: 960728 16:24 Last Calibration: 941029 10:07

Compound No: 16
Compound Name: 4,4'-DDT
Scan Number: 3292
Retention Time: 27.44 min.
Quant Ion: 1.0
Area: 516251M
Concentration: 30.44 ng/ml
q-value: 100

This report was produced by QAREA on: 960814 12:45

QUANT REPORT

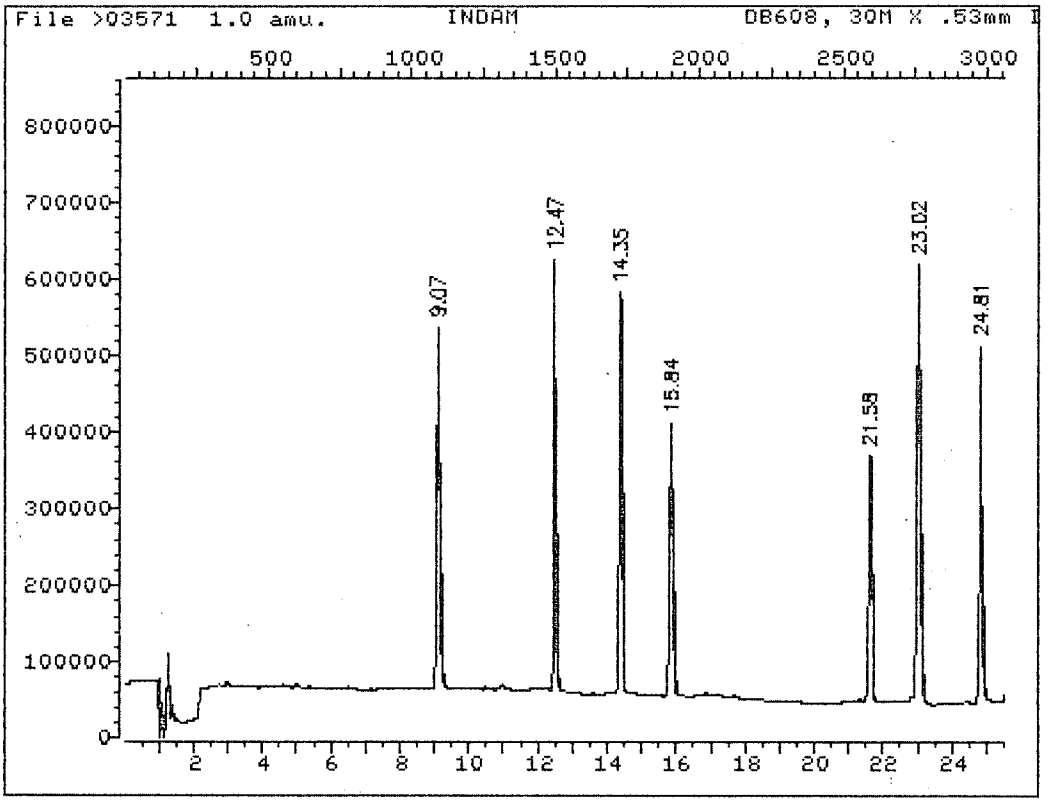
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:56
Output File: ^03571::GQ Injected at: 960730 04:54
Data File: >03571::G2 Dilution Factor: 1.00000
Name: INDAM07 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2710074	21.06	ng/ml	100
2)	#alpha-BHC	0.020	12.47	1496	3121334	20.59	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	14.35	1722	2898728	20.57	ng/ml	100
6)	#Heptachlor	0.020	15.84	1901	2321005	20.04	ng/ml	100
9)	#Endosulfan I	0.020	21.58	2590	2044688	18.83	ng/ml	100
10)	#Dieldrin	0.040	23.02	2762	3849070	39.28	ng/ml	100
12)	#Endrin	0.040	24.81	2977	3342575	37.52	ng/ml	100
14)	#4,4'-DDD	0.040	25.62	3074	2154835	35.28	ng/ml	100
16)	#4,4'-DDT	0.040	27.19	3263	2493081	36.26	ng/ml	100
17)	#Methoxychlor	0.200	32.44	3893	7194607	182.93	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.64	4997	4408205	37.00	ng/ml	100

Compound uses ESTD

E Pua
8/8/96



Data File: >03571::G2 Quant Output File: ^03571::GQ
Name: INDAM Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:56
Injected at: 960730 04:54

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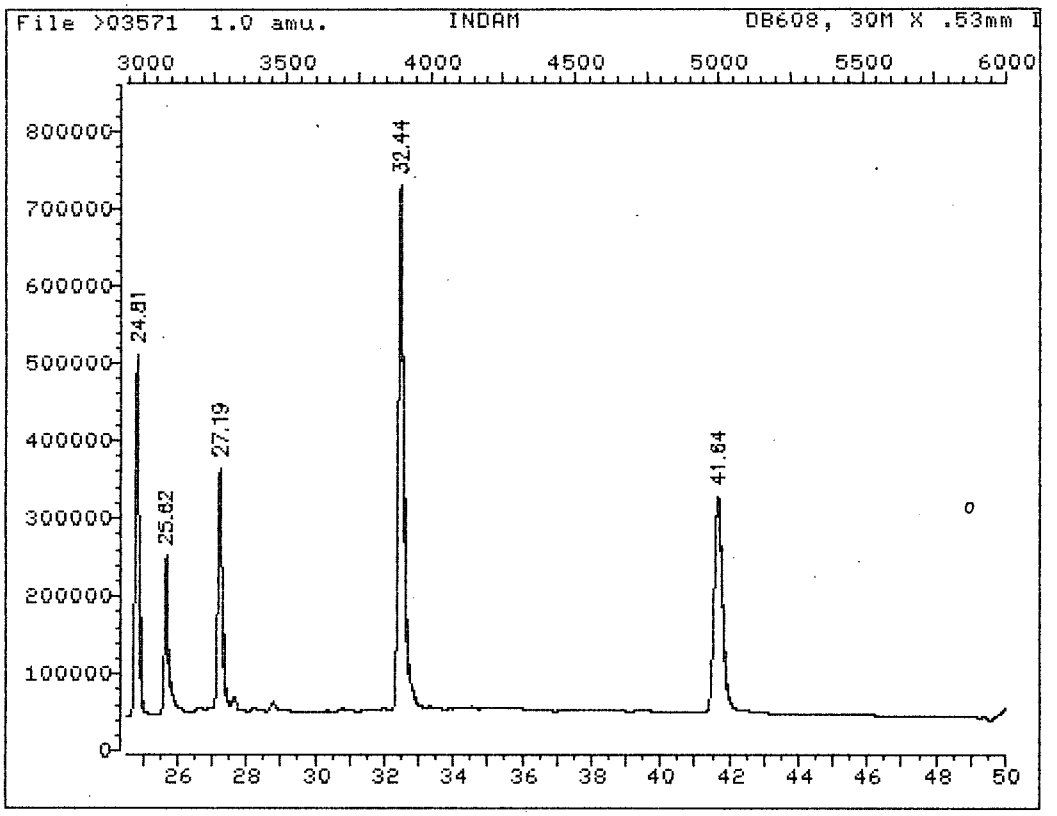

Data File: >03571::G2 Quant Output File: ^03571::GQ
Name: INDAM Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:56
Injected at: 960730 04:54

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QUANT REPORT

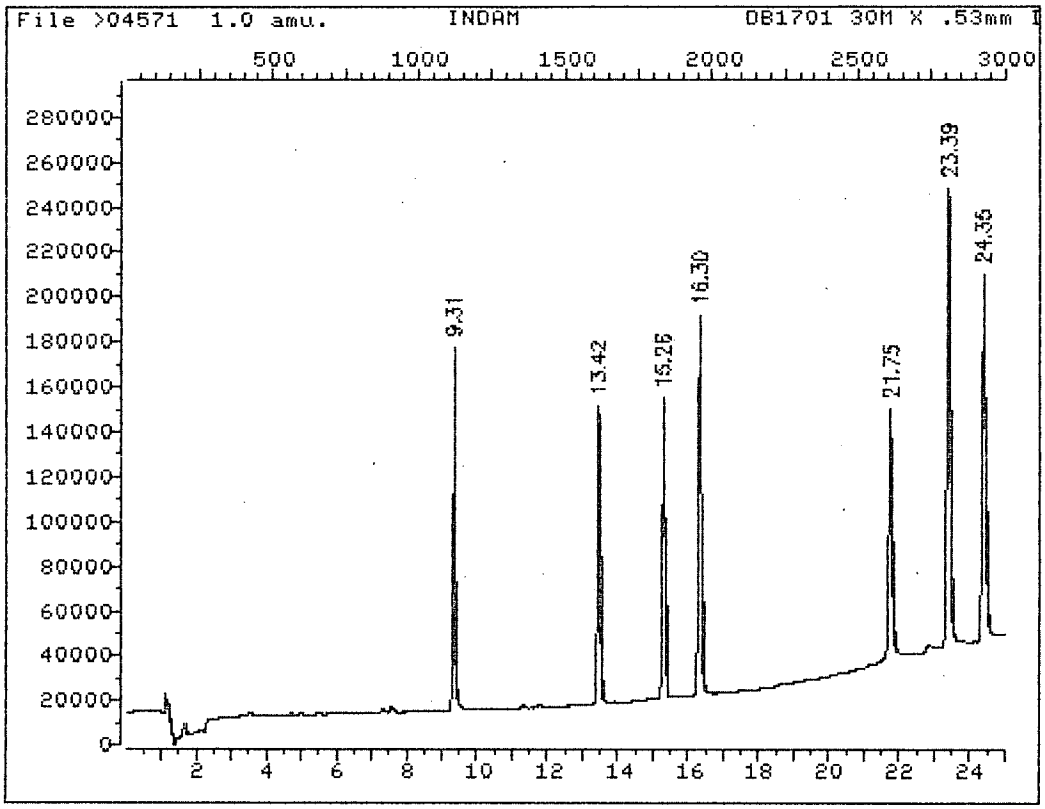
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:54
Output File: ^04571::GQ Injected at: 960730 04:54
Data File: >04571::G5 Dilution Factor: 1.00000
Name: INDAM07 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	910079	20.46	ng/ml	100
2)	#alpha-BHC	0.020	13.42	1610	671830	20.35	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	15.26	1831	700695	20.00	ng/ml	100
6)	#Heptachlor	0.020	16.30	1956	964963	20.17	ng/ml	100
9)	#Endosulfan I	0.020	21.75	2610	687554	19.38	ng/ml	100
10)	#Dieldrin	0.040	23.39	2807	1257742	38.73	ng/ml	100
12)	#Endrin	0.040	24.35	2922	1121297	37.83	ng/ml	100
14)	#4,4'-DDD	0.040	26.55	3186	711862	37.61	ng/ml	100
16)	#4,4'-DDT	0.040	27.43	3291	526421	31.03	ng/ml	100
17)	#Methoxychlor	0.200	30.86	3703	2505212	193.01	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.71	4645	1813753	38.57	ng/ml	100

Compound uses ESTD

EPma
8/8/96



Data File: >04571::G5 Quant Output File: ^04571::GQ
Name: INDAM Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:54
Injected at: 960730 04:54

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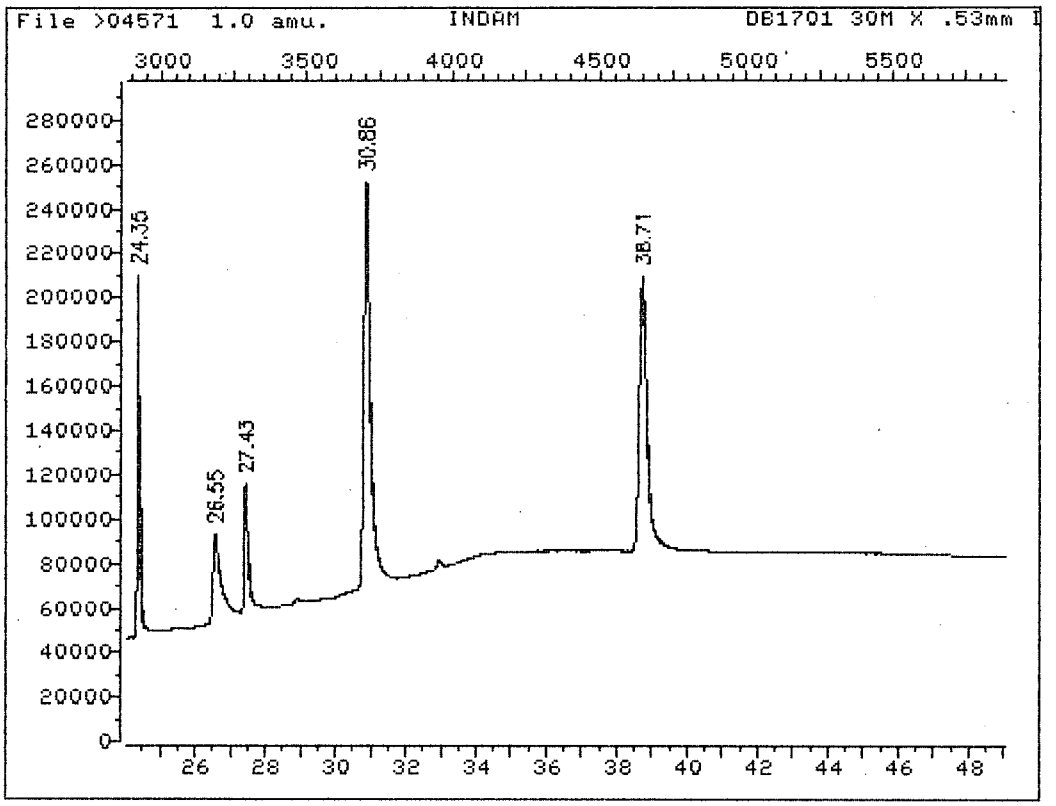

Data File: >04571::G5 Quant Output File: ^04571::GQ
Name: INDAM Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:54
Injected at: 960730 04:54

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QUANT REPORT

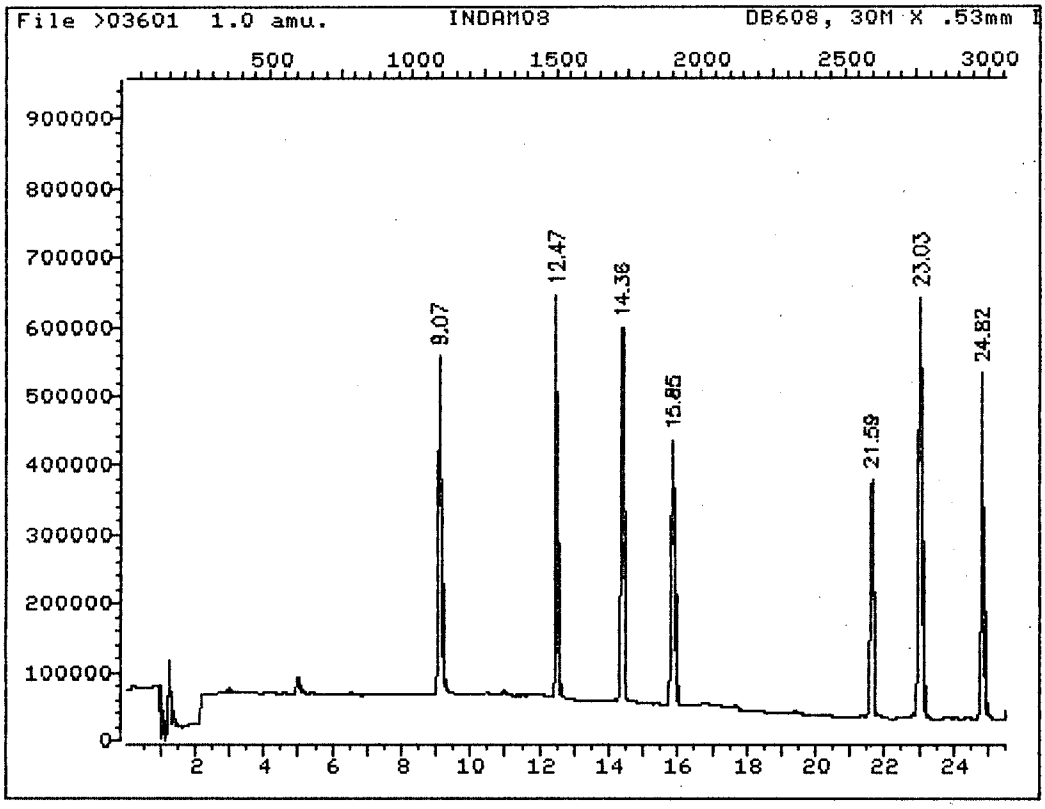
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960813 09:34
Output File: ^03601::F3 Injected at: 960731 23:05
Data File: >03601::G4 Dilution Factor: 1.00000
Name: INDAM08 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2849505	22.15	ng/ml	100
2)	#alpha-BHC	0.020	12.47	1496	3230945	21.31	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	14.36	1723	3021083	21.44	ng/ml	100
6)	#Heptachlor	0.020	15.85	1902	2518696	21.74	ng/ml	100
9)	#Endosulfan I	0.020	21.59	2591	2189255	20.16	ng/ml	100
10)	#Dieldrin	0.040	23.03	2763	4008299	40.91	ng/ml	100
12)	#Endrin	0.040	24.82	2978	3556986	39.93	ng/ml	100
14)	#4,4'-DDD	0.040	25.62	3074	2466658	40.38	ng/ml	100
16)	#4,4'-DDT	0.040	27.20	3264	2750117	40.00	ng/ml	100
17)	#Methoxychlor	0.200	32.44	3893	7856649	199.76	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.65	4998	4864701	40.84	ng/ml	100

Compound uses ESTD

EPma
8/13/96



Data File: >03601::G4 Quant Output File: ^03601::F3
Name: INDAM08 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:34
Injected at: 960731 23:05

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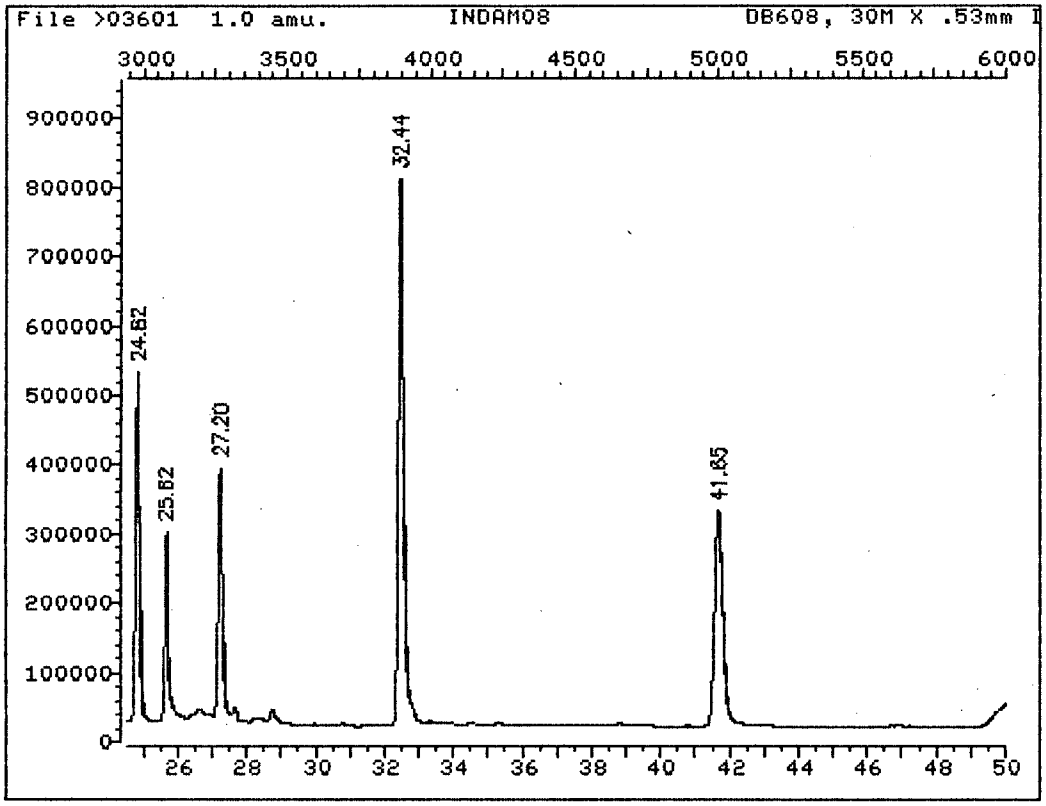

Data File: >03601::G4 Quant Output File: ^03601::F3
Name: INDAM08 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:34
Injected at: 960731 23:05

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QUANT REPORT

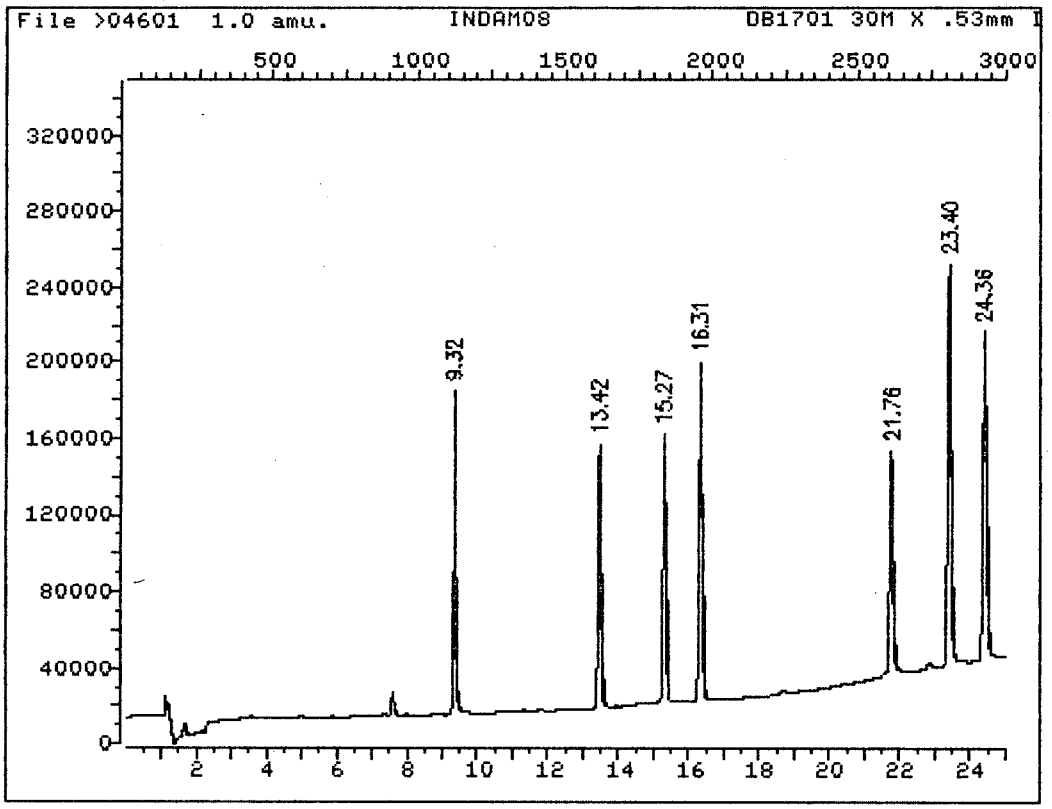
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960813 09:46
Output File: ^04601::F3 Injected at: 960731 23:05
Data File: >04601::G5 Dilution Factor: 1.00000
Name: INDAM08 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	941592	21.16	ng/ml	100
2)	#alpha-BHC	0.020	13.42	1611	690561	20.91	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	15.27	1832	716082	20.43	ng/ml	100
6)	#Heptachlor	0.020	16.31	1957	993551	20.77	ng/ml	100
9)	#Endosulfan I	0.020	21.76	2611	718217	20.25	ng/ml	100
10)	#Dieldrin	0.040	23.40	2808	1316145	40.53	ng/ml	100
12)	#Endrin	0.040	24.36	2923	1174083	39.61	ng/ml	100
14)	#4,4'-DDD	0.040	26.54	3184	738069	39.00	ng/ml	100
16)	#4,4'-DDT	0.040	27.43	3291	632449	37.29	ng/ml	100
17)	#Methoxychlor	0.200	30.84	3701	2743736	211.39	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.70	4644	1858984	39.54	ng/ml	100

Compound uses ESTD

EPrice
8/13/96



Data File: >04601::G5 Quant Output File: ^04601::F3
Name: INDAM08 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:46
Injected at: 960731 23:05

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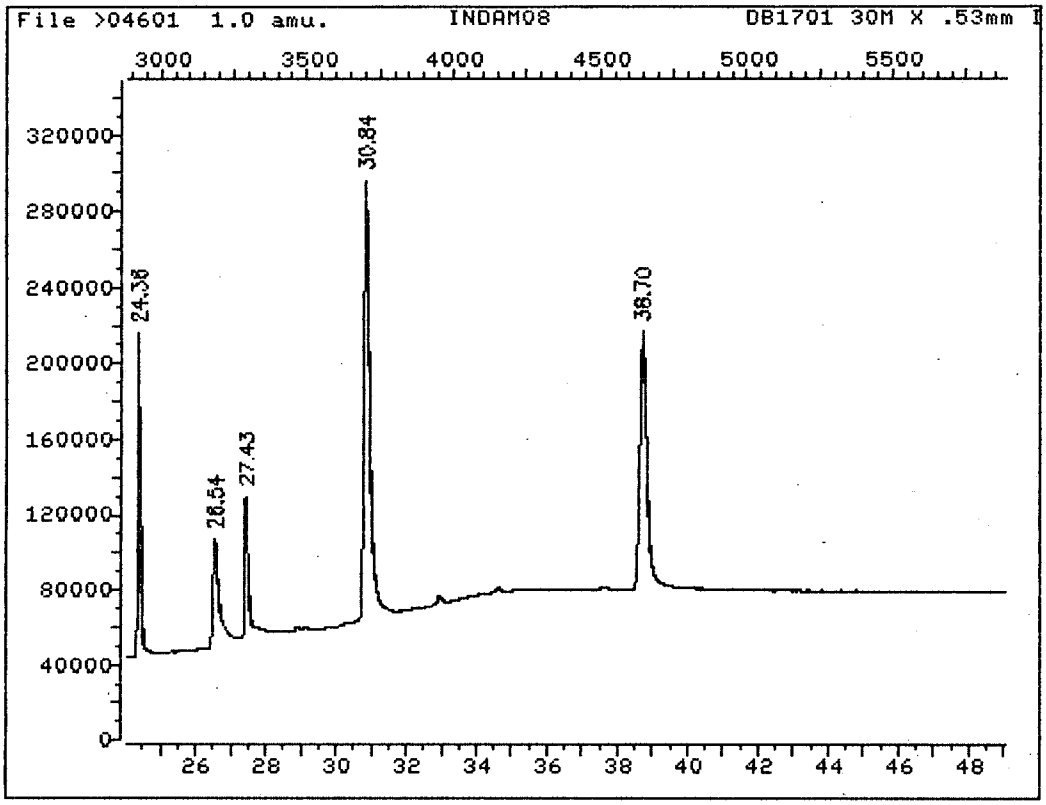

Data File: >04601::G5 Quant Output File: ^04601::F3
Name: INDAM08 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:46
Injected at: 960731 23:05

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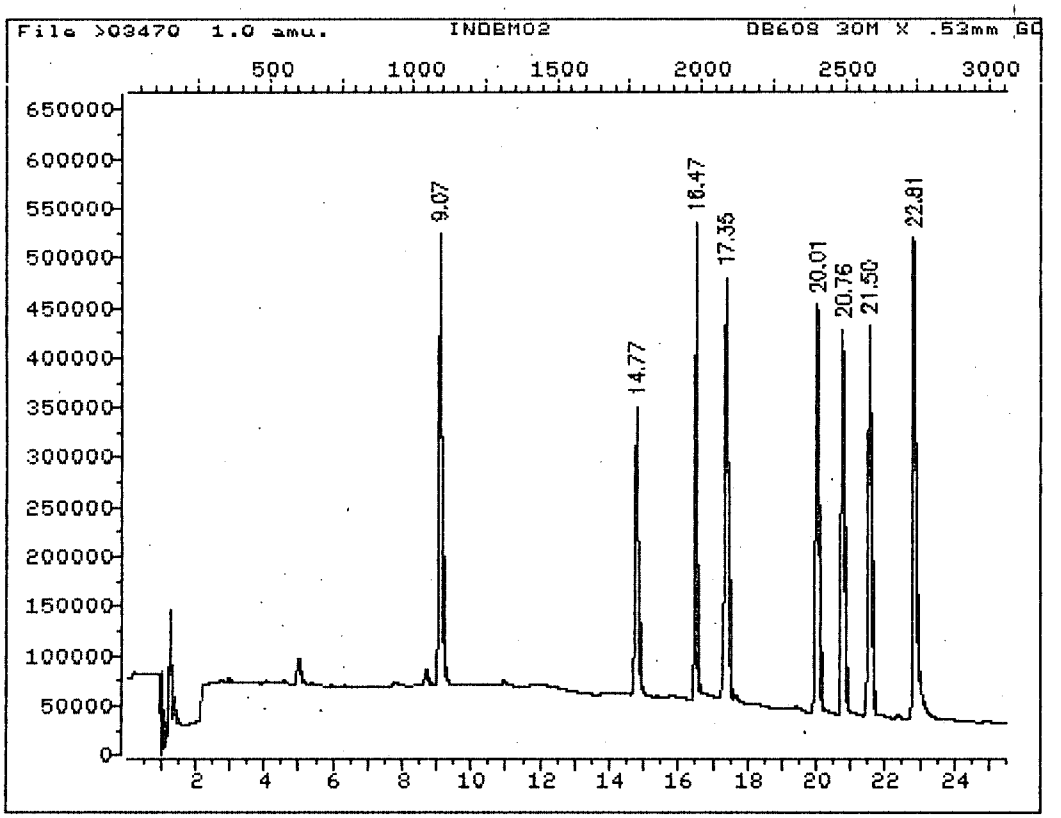
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 09:38
Output File: ^03470::GQ Injected at: 960724 18:12
Data File: >03470::G2 Dilution Factor: 1.00000
Name: INDBM02 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2612528	20.30	ng/ml	100
3)	#beta-BHC	0.020	14.77	1773	1703769	20.12	ng/ml	100
4)	#delta-BHC	0.020	16.47	1977	2685611	20.50	ng/ml	100
7)	#Aldrin	0.020	17.35	2082	2794181	20.33	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.01	2401	2622398	20.29	ng/ml	100
11)	#4,4'-DDE	0.040	22.81	2737	3801521	39.70	ng/ml	100
13)	#Endosulfan II	0.040	25.79	3094	4089123	40.59	ng/ml	100
15)	#Endosulfan Sulfate	0.040	28.30	3396	3572636	40.00	ng/ml	100
18)	#Endrin ketone	0.040	32.74	3929	3811204	40.36	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.64	4997	4971009	41.73	ng/ml	100
20)	#alpha-Chlordane	0.020	21.50	2580	2518918	20.32	ng/ml	100
21)	#gamma-Chlordane	0.020	20.76	2491	2573974	20.30	ng/ml	100
30)	#Endrin aldehyde	0.040	27.59	3311	3230145	39.63	ng/ml	100

Compound uses ESTD

EPrice
7/30/96



Data File: >03470::G2 Quant Output File: ^03470::GQ
Name: INDBM02 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 09:38
Injected at: 960724 18:12

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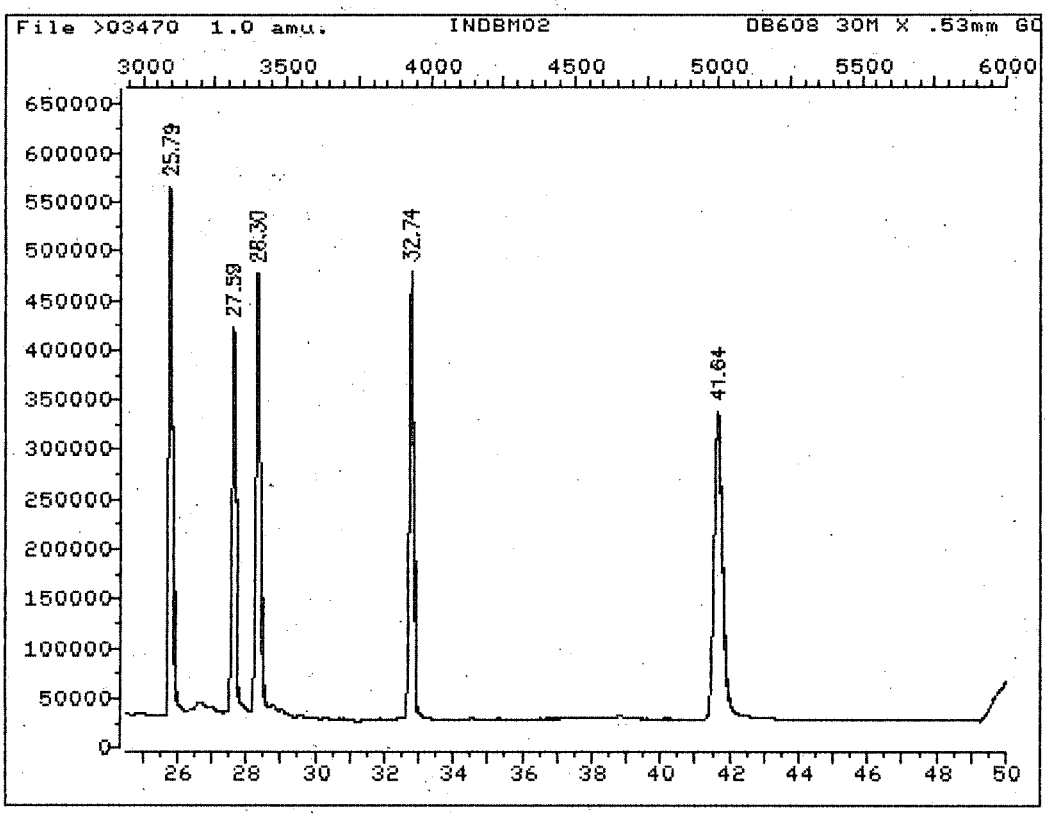

Data File: >03470::G2 Quant Output File: ^03470::GQ
Name: INDBM02 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 09:38
Injected at: 960724 18:12

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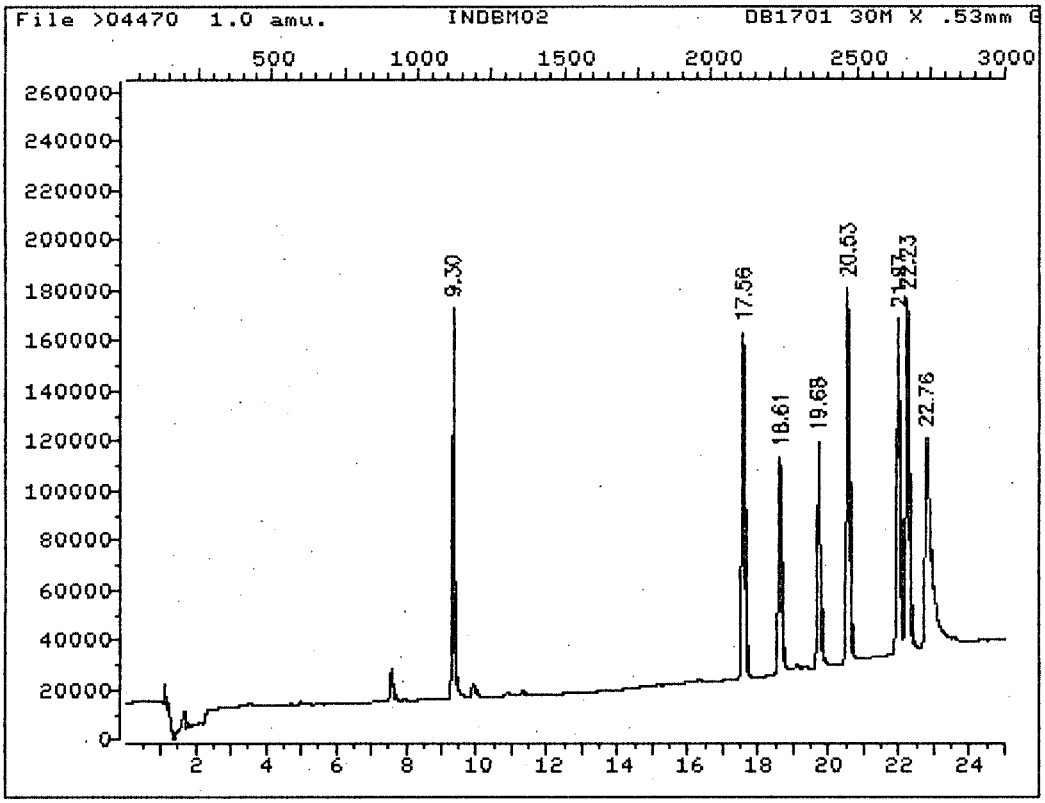
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 19:04
Output File: ^04470::GQ Injected at: 960724 18:12
Data File: >04470::G4 Dilution Factor: 1.00000
Name: INDBM02 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	885686	19.91	ng/ml	100
3)	#beta-BHC	0.020	18.61	2233	535613	21.04	ng/ml	100
4)	#delta-BHC	0.020	19.68	2362	501038	19.18	ng/ml	100
7)	#Aldrin	0.020	17.56	2107	770213	19.95	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.53	2463	883785	19.89	ng/ml	100
11)	#4,4'-DDE	0.040	22.76	2731	1081672	38.25	ng/ml	100
13)	#Endosulfan II	0.040	26.73	3207	1419162	40.30	ng/ml	100
15)	#Endosulfan Sulfate	0.040	30.57	3668	1066520	39.33	ng/ml	100
18)	#Endrin ketone	0.040	32.90	3948	1278271	38.68	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.70	4644	1893398	40.27	ng/ml	100
20)	#alpha-Chlordane	0.020	22.23	2667	827039	19.32	ng/ml	100
21)	#gamma-Chlordane	0.020	21.97	2636	804993	19.68	ng/ml	100
30)	#Endrin aldehyde	0.040	28.84	3460	1222059	38.27	ng/ml	100

Compound uses ESTD



Data File: >04470::G4 Quant Output File: ^04470::GQ
Name: INDBM02 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 19:04
Injected at: 960724 18:12

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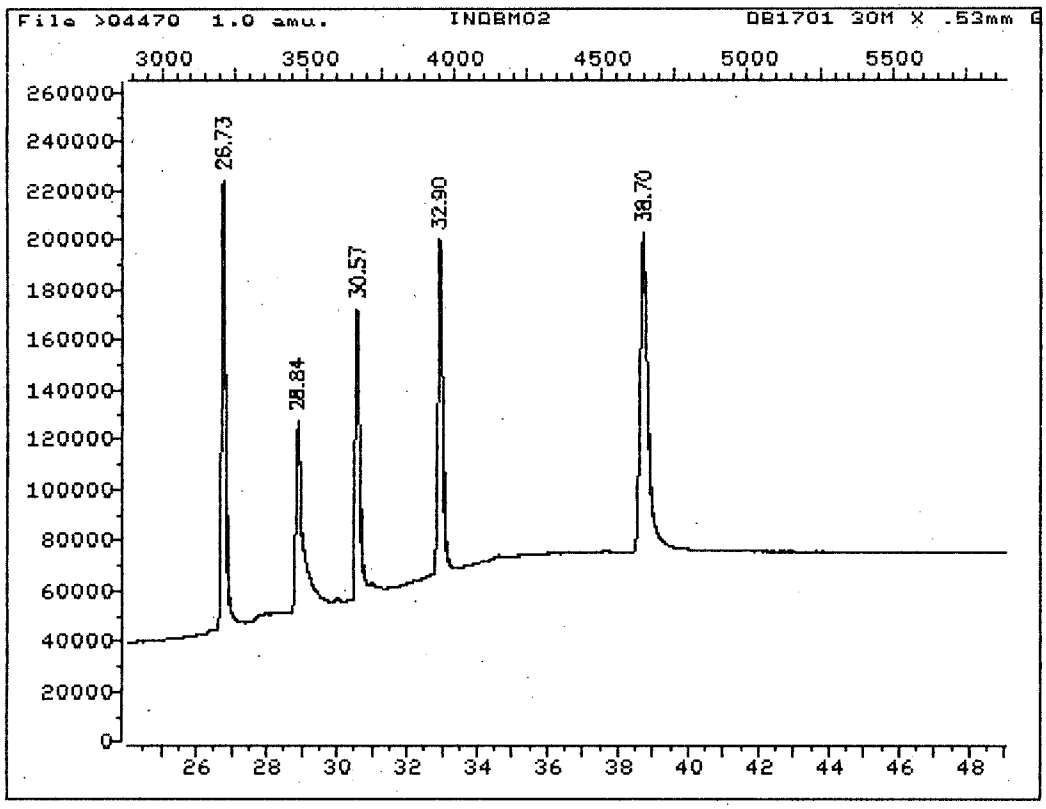

Data File: >04470::G4 Quant Output File: ^04470::GQ
Name: INDBM02 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 19:04
Injected at: 960724 18:12

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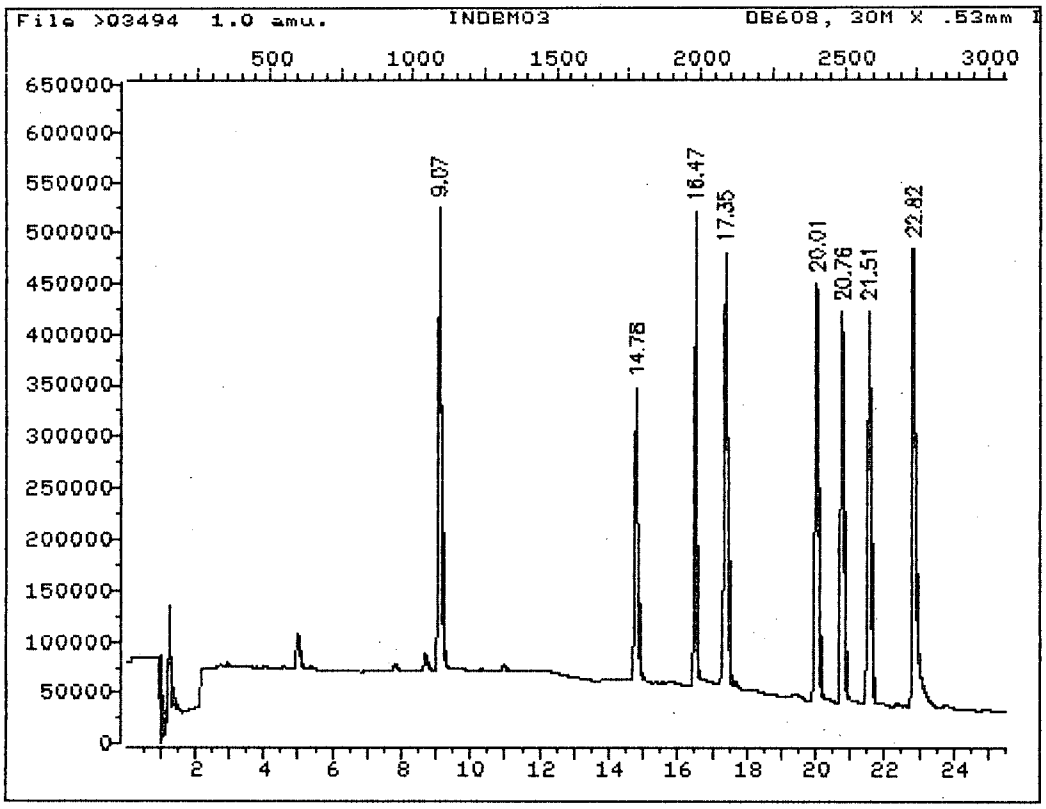
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 10:46
Output File: ^03494::GQ Injected at: 960725 16:11
Data File: >03494::G2 Dilution Factor: 1.00000
Name: INDBM03 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2612538	20.30	ng/ml	100
3)	#beta-BHC	0.020	14.78	1774	1684490	19.90	ng/ml	100
4)	#delta-BHC	0.020	16.47	1977	2642799	20.17	ng/ml	100
7)	#Aldrin	0.020	17.35	2082	2767236	20.13	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.01	2401	2676501	20.71	ng/ml	100
11)	#4,4'-DDE	0.040	22.82	2738	3687513	38.51	ng/ml	100
13)	#Endosulfan II	0.040	25.79	3094	4017144	39.88	ng/ml	100
15)	#Endosulfan Sulfate	0.040	28.30	3396	3495054	39.13	ng/ml	100
18)	#Endrin ketone	0.040	32.74	3929	3730104	39.50	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.65	4998	4912048	41.23	ng/ml	100
20)	#alpha-Chlordane	0.020	21.51	2581	2476708	19.98	ng/ml	100
21)	#gamma-Chlordane	0.020	20.76	2491	2542723	20.05	ng/ml	100
30)	#Endrin aldehyde	0.040	27.59	3311	3203010	39.30	ng/ml	100

Compound uses ESTD

EPui
7/30/96



Data File: >03494::G2 Quant Output File: ^03494::GQ
Name: INDBM03 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:46
Injected at: 960725 16:11

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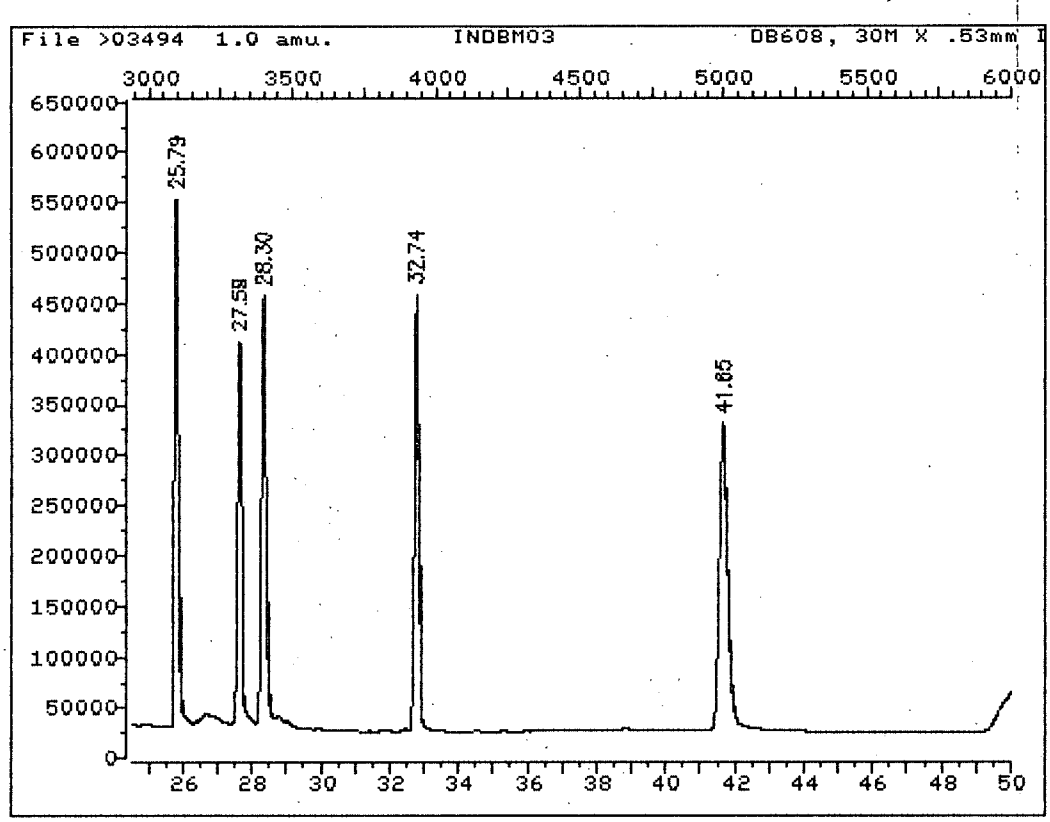

Data File: >03494::G2 Quant Output File: ^03494::GQ
Name: INDBM03 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:46
Injected at: 960725 16:11

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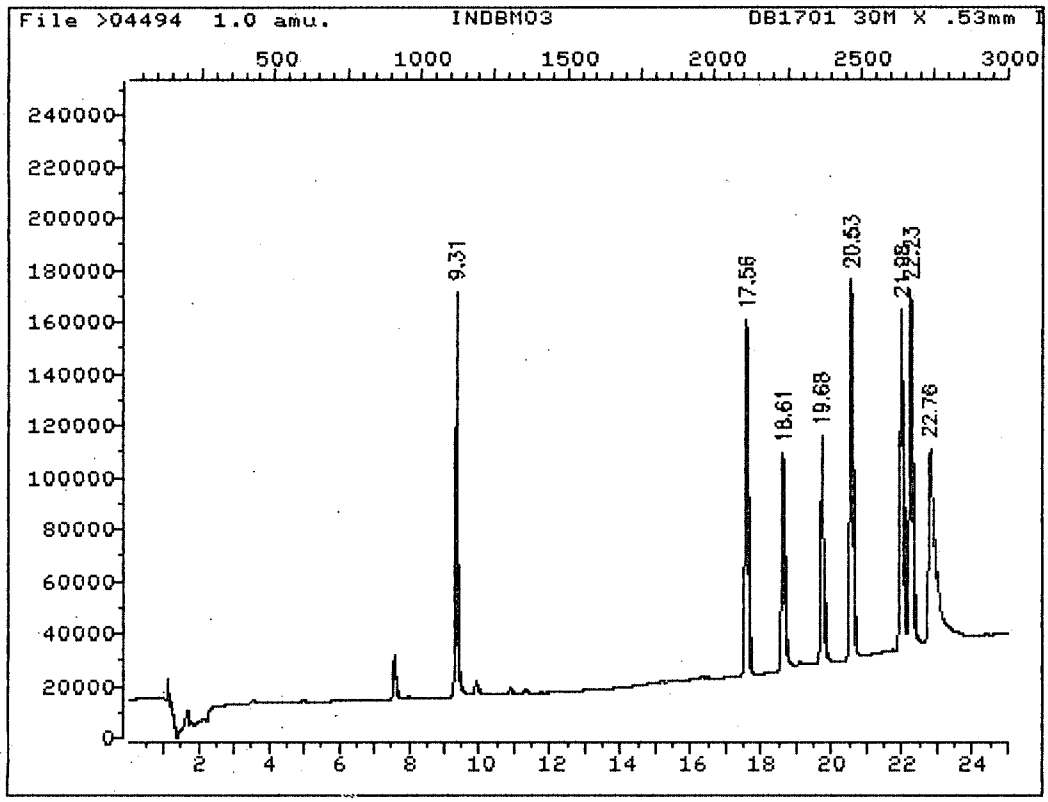
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:18
Output File: ^04494::GQ Injected at: 960725 16:12
Data File: >04494::G4 Dilution Factor: 1.00000
Name: INDBM03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	883217	19.85	ng/ml	100
3)	#beta-BHC	0.020	18.61	2233	513939	20.19	ng/ml	100
4)	#delta-BHC	0.020	19.68	2362	492650	18.86	ng/ml	100
7)	#Aldrin	0.020	17.56	2107	765626	19.83	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.53	2464	868886	19.56	ng/ml	100
11)	#4,4'-DDE	0.040	22.76	2731	1045713	36.98	ng/ml	100
13)	#Endosulfan II	0.040	26.73	3207	1375403	39.06	ng/ml	100
15)	#Endosulfan Sulfate	0.040	30.58	3669	1017415	37.52	ng/ml	100
18)	#Endrin ketone	0.040	32.91	3949	1114624	33.73	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.71	4645	1863179	39.63	ng/ml	100
20)	#alpha-Chlordane	0.020	22.23	2667	812282	18.98	ng/ml	100
21)	#gamma-Chlordane	0.020	21.98	2637	786897	19.24	ng/ml	100
30)	#Endrin aldehyde	0.040	28.84	3461	1199515	37.57	ng/ml	100

Compound uses ESTD

EPui
7/30/96



Data File: >04494::G4 Quant Output File: ^04494::GQ
Name: INDBM03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:18
Injected at: 960725 16:12

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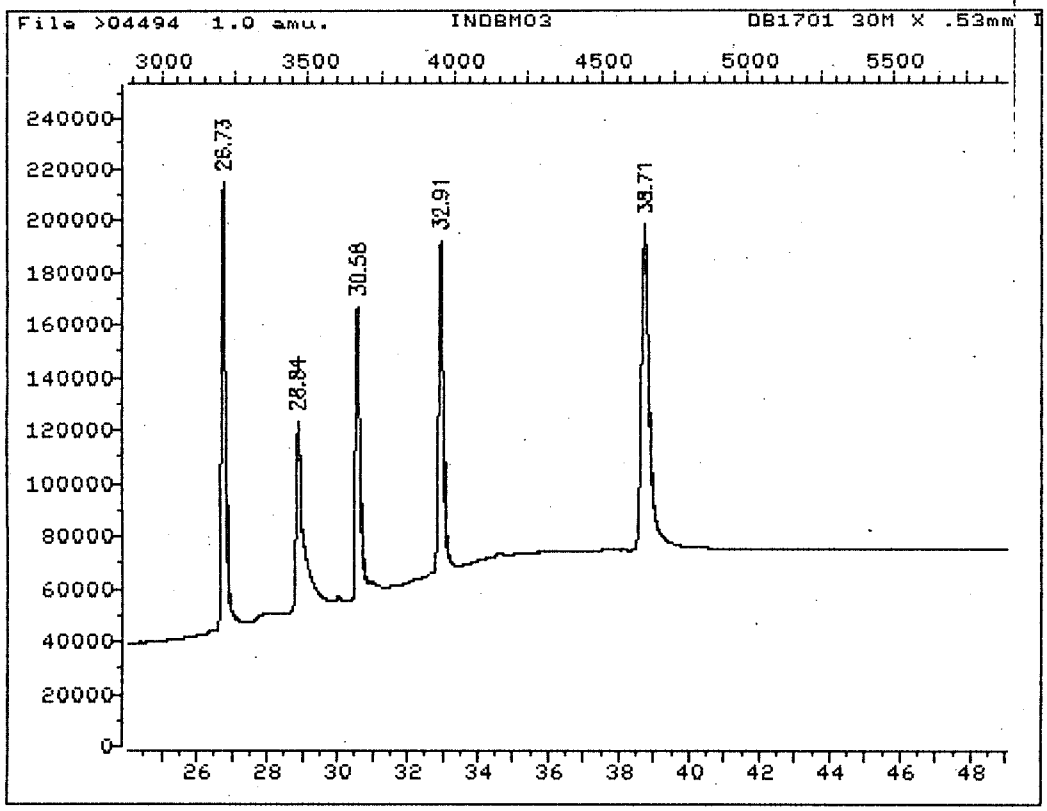

Data File: >04494::G4 Quant Output File: ^04494::GQ
Name: INDBM03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:18
Injected at: 960725 16:12

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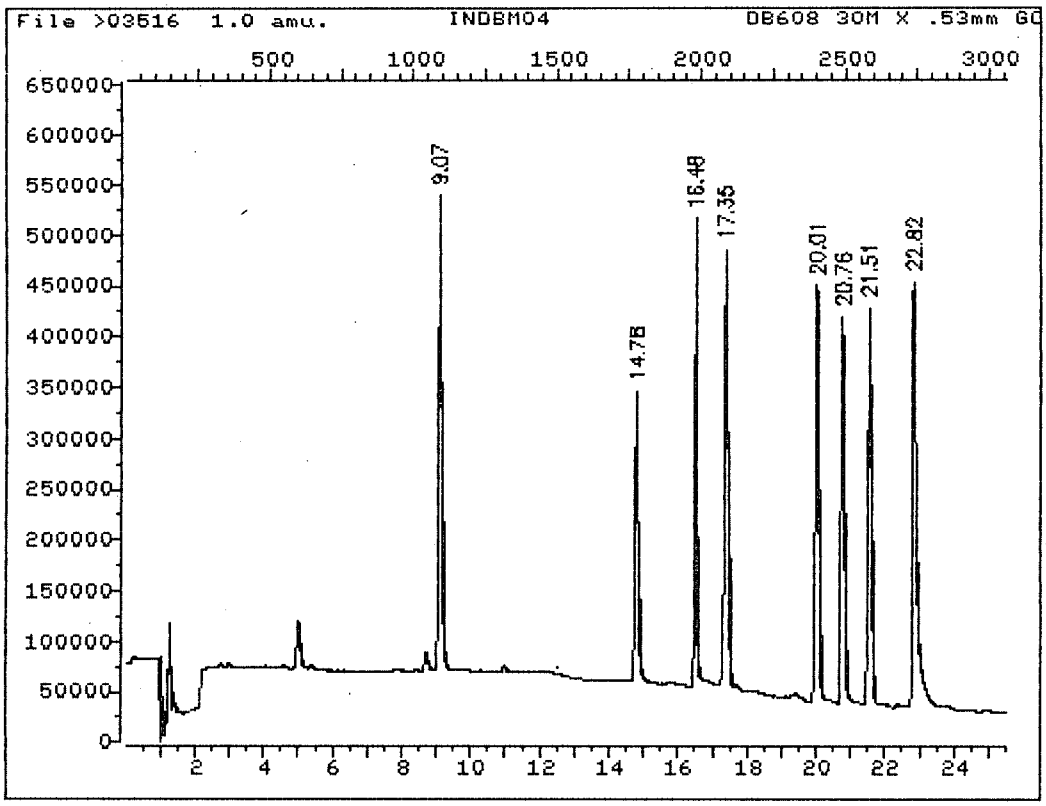
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960726 13:23
Output File: ^03516::GQ Injected at: 960726 12:21
Data File: >03516::G2 Dilution Factor: 1.00000
Name: INDBM04 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	0.020	9.07	1089	2672408	20.77	ng/ml	100
3) #beta-BHC	0.020	14.78	1774	1694657	20.02	ng/ml	100
4) #delta-BHC	0.020	16.48	1978	2607542	19.91	ng/ml	100
7) #Aldrin	0.020	17.35	2082	2815141	20.48	ng/ml	100
8) #Heptachlor epoxide	0.020	20.01	2401	2624538	20.31	ng/ml	100
11) #4,4'-DDE	0.040	22.82	2738	3700409	38.65	ng/ml	100
13) #Endosulfan II	0.040	25.79	3094	4095205	40.65	ng/ml	100
15) #Endosulfan Sulfate	0.040	28.30	3396	3532407	39.55	ng/ml	100
18) #Endrin ketone	0.040	32.74	3929	3825273	40.51	ng/ml	100
19) #Decachlorobiphenyl	0.040	41.64	4997	4971855	41.74	ng/ml	100
20) #alpha-Chlordane	0.020	21.51	2581	2500816	20.18	ng/ml	100
21) #gamma-Chlordane	0.020	20.76	2491	2508062	19.78	ng/ml	100
30) #Endrin aldehyde	0.040	27.59	3311	3241933	39.78	ng/ml	100

Compound uses ESTD

EPua
7/31/96



Data File: >03516::G2 Quant Output File: ^03516::GQ
Name: INDBM04 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960726 13:23
Injected at: 960726 12:21

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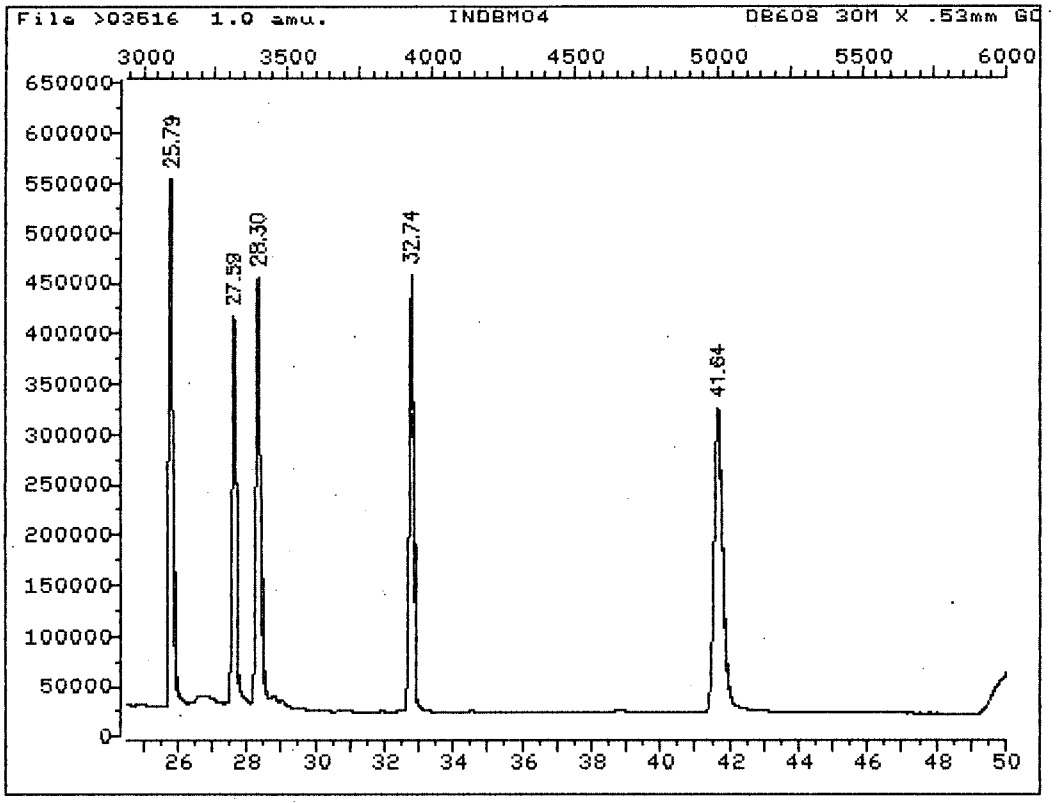

Data File: >03516::G2 Quant Output File: ^03516::GQ
Name: INDBM04 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960726 13:23
Injected at: 960726 12:21

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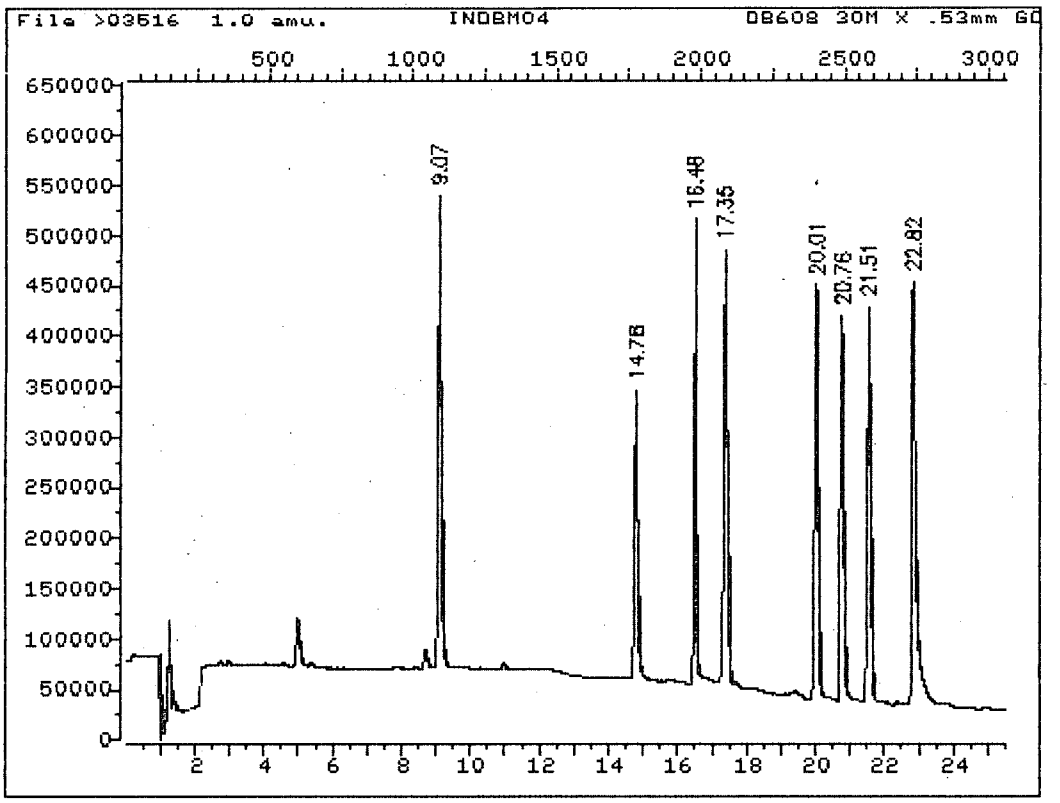
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960726 13:23
Output File: ^03516::GQ Injected at: 960726 12:21
Data File: >03516::G2 Dilution Factor: 1.00000
Name: INDBM04 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2672408	20.77	ng/ml	100
3)	#beta-BHC	0.020	14.78	1774	1694657	20.02	ng/ml	100
4)	#delta-BHC	0.020	16.48	1978	2607542	19.91	ng/ml	100
7)	#Aldrin	0.020	17.35	2082	2815141	20.48	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.01	2401	2624538	20.31	ng/ml	100
11)	#4,4'-DDE	0.040	22.82	2738	3700409	38.65	ng/ml	100
13)	#Endosulfan II	0.040	25.79	3094	4095205	40.65	ng/ml	100
15)	#Endosulfan Sulfate	0.040	28.30	3396	3532407	39.55	ng/ml	100
18)	#Endrin ketone	0.040	32.74	3929	3825273	40.51	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.64	4997	4971855	41.74	ng/ml	100
20)	#alpha-Chlordane	0.020	21.51	2581	2500816	20.18	ng/ml	100
21)	#gamma-Chlordane	0.020	20.76	2491	2508062	19.78	ng/ml	100
30)	#Endrin aldehyde	0.040	27.59	3311	3241933	39.78	ng/ml	100

Compound uses ESTD

EPui
7/31/96



Data File: >03516::G2 Quant Output File: ^03516::GQ
Name: INDBM04 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960726 13:23
Injected at: 960726 12:21

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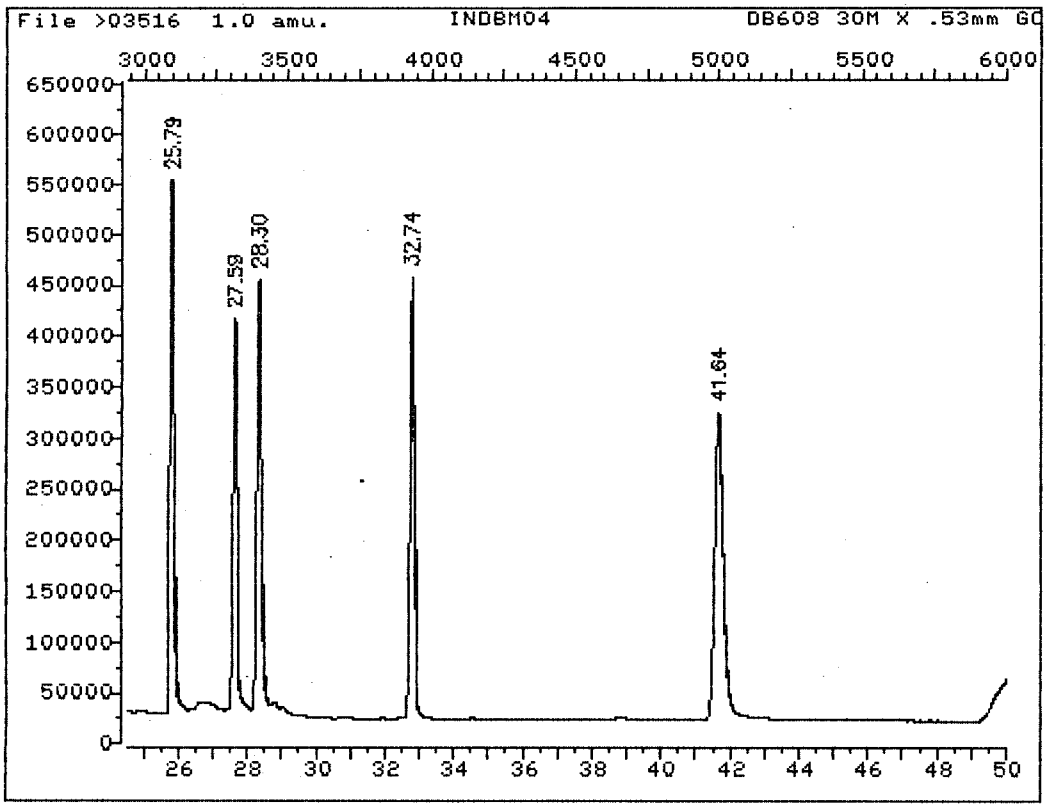

Data File: >03516::G2 Quant Output File: ^03516::GQ
Name: INDBM04 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960726 13:23
Injected at: 960726 12:21

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QUANT REPORT

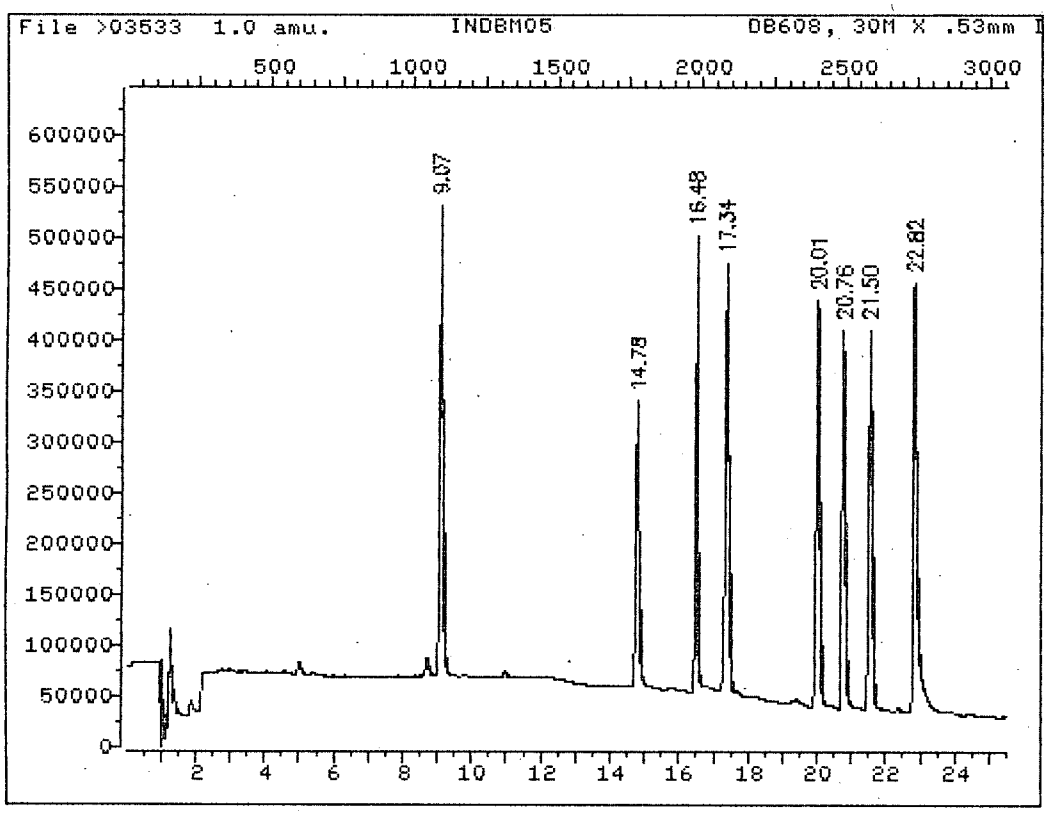
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960728 01:44
Output File: ^03533::GQ Injected at: 960728 00:51
Data File: >03533::G2 Dilution Factor: 1.00000
Name: INDBM05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2665043	20.71	ng/ml	100
3)	#beta-BHC	0.020	14.78	1774	1672326	19.75	ng/ml	100
4)	#delta-BHC	0.020	16.48	1978	2525937	19.28	ng/ml	100
7)	#Aldrin	0.020	17.34	2081	2757408	20.06	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.01	2401	2570326	19.89	ng/ml	100
11)	#4,4'-DDE	0.040	22.82	2738	3634827	37.96	ng/ml	100
13)	#Endosulfan II	0.040	25.79	3094	3984511	39.55	ng/ml	100
15)	#Endosulfan Sulfate	0.040	28.29	3395	3465957	38.80	ng/ml	100
18)	#Endrin ketone	0.040	32.74	3929	3705909	39.24	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.64	4997	4861237	40.81	ng/ml	100
20)	#alpha-Chlordane	0.020	21.50	2580	2434408	19.64	ng/ml	100
21)	#gamma-Chlordane	0.020	20.76	2491	2487982	19.62	ng/ml	100
30)	#Endrin aldehyde	0.040	27.59	3311	3196290	39.22	ng/ml	100

Compound uses ESTD

EPma
8/8/96



Data File: >03533::G2 Quant Output File: ^03533::GQ
Name: INDBM05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 01:44
Injected at: 960728 00:51

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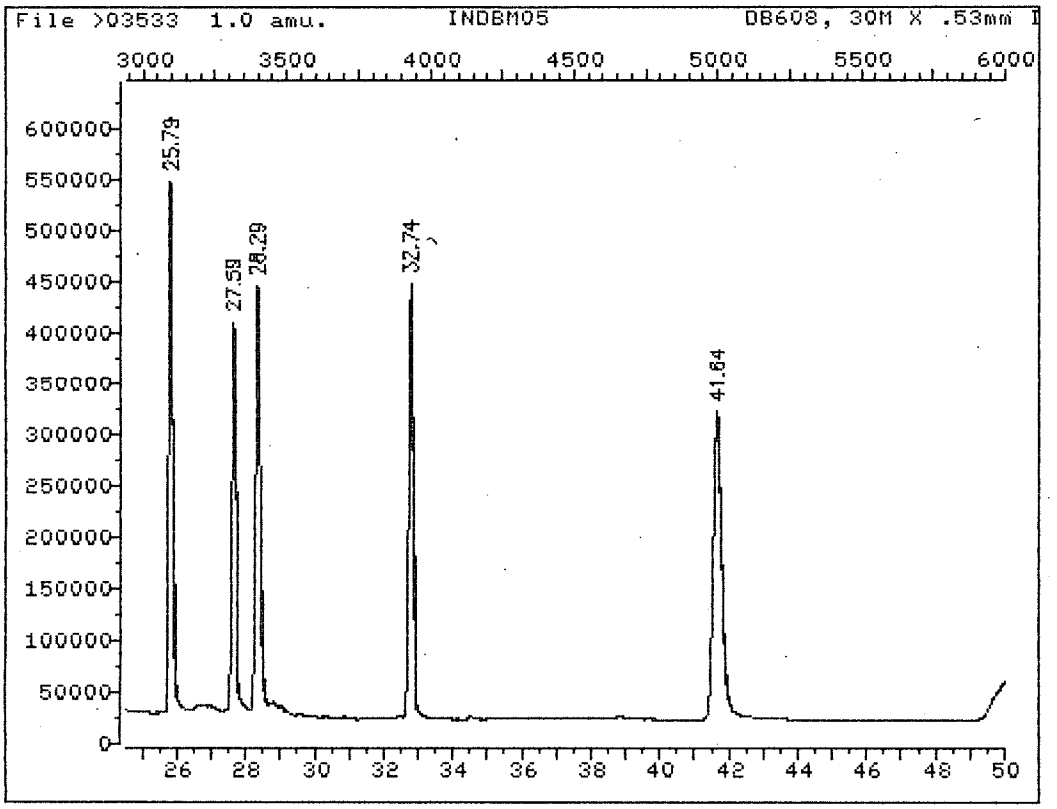

Data File: >03533::G2 Quant Output File: ^03533::GQ
Name: INDBM05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 01:44
Injected at: 960728 00:51

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QUANT REPORT

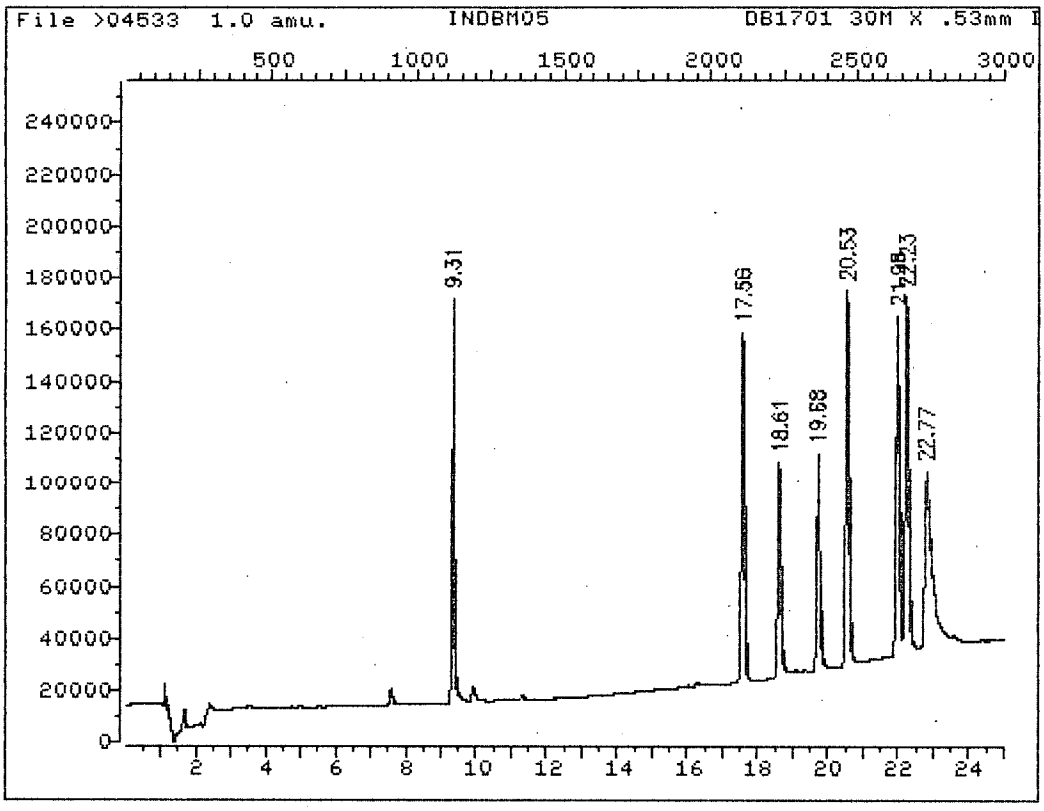
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960728 01:42
Output File: ^04533::GQ Injected at: 960728 00:51
Data File: >04533::G5 Dilution Factor: 1.00000
Name: INDBM05 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	887806	19.95	ng/ml	100
3)	#beta-BHC	0.020	18.61	2233	516227	20.28	ng/ml	100
4)	#delta-BHC	0.020	19.68	2362	477509	18.28	ng/ml	100
7)	#Aldrin	0.020	17.56	2107	766700	19.85	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.53	2464	878853	19.78	ng/ml	100
11)	#4,4'-DDE	0.040	22.77	2732	1039783	36.77	ng/ml	100
13)	#Endosulfan II	0.040	26.73	3207	1409521	40.03	ng/ml	100
15)	#Endosulfan Sulfate	0.040	30.57	3668	1020388	37.63	ng/ml	100
18)	#Endrin ketone	0.040	32.91	3949	1139648	34.49	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.70	4644	1900190	40.41	ng/ml	100
20)	#alpha-Chlordane	0.020	22.23	2667	826245	19.30	ng/ml	100
21)	#gamma-Chlordane	0.020	21.98	2637	799175	19.54	ng/ml	100
30)	#Endrin aldehyde	0.040	28.84	3461	1221920	38.27	ng/ml	100

Compound uses ESTD

EPrice
8/8/96



Data File: >04533::G5 Quant Output File: ^04533::GQ
Name: INDBM05 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 01:42
Injected at: 960728 00:51

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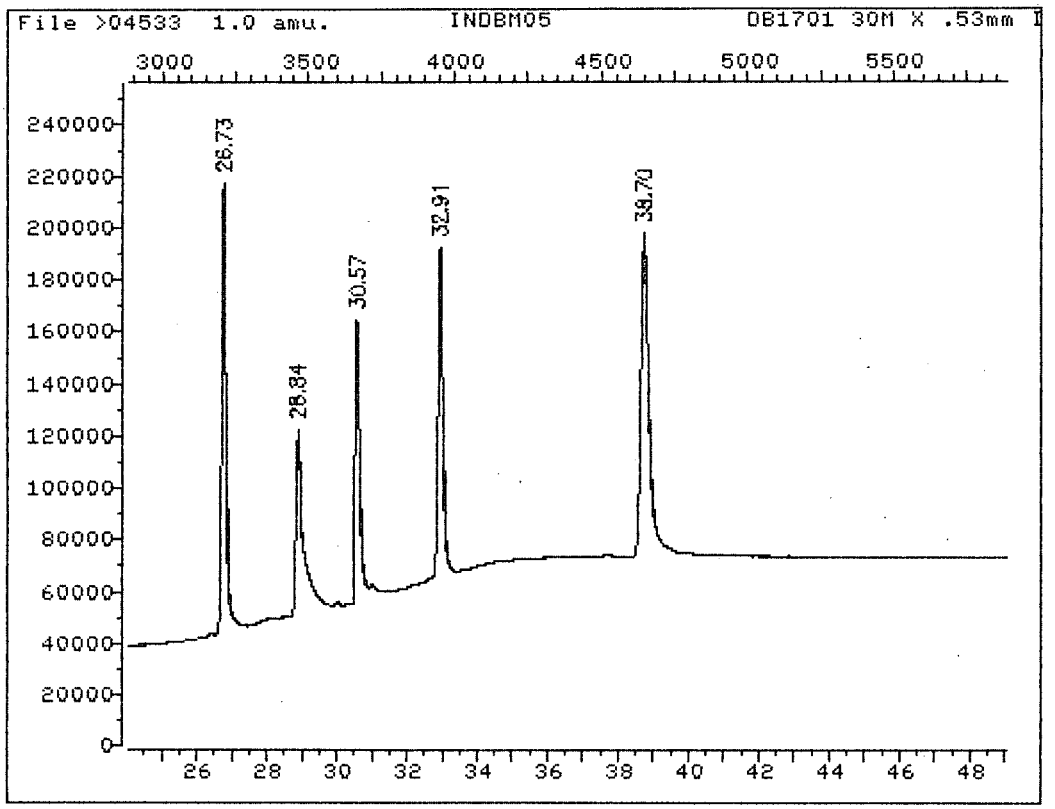

Data File: >04533::G5 Quant Output File: ^04533::GQ
Name: INDBM05 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 01:42
Injected at: 960728 00:51

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QUANT REPORT

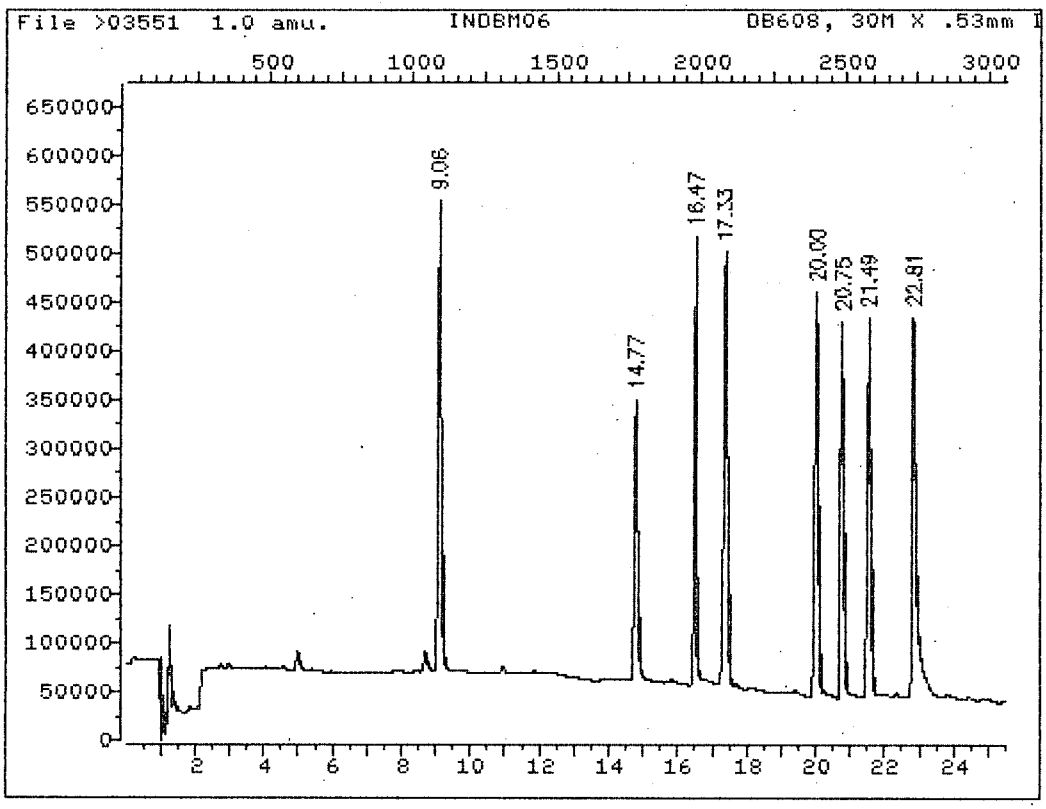
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960728 18:12
Output File: ^03551::GQ Injected at: 960728 17:19
Data File: >03551::G2 Dilution Factor: 1.00000
Name: INDBM06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.06	1087	2763974	21.48	ng/ml	100
3)	#beta-BHC	0.020	14.77	1773	1730621	20.44	ng/ml	100
4)	#delta-BHC	0.020	16.47	1977	2621293	20.01	ng/ml	100
7)	#Aldrin	0.020	17.33	2080	2888749	21.01	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.00	2400	2776526	21.49	ng/ml	100
11)	#4,4'-DDE	0.040	22.81	2737	3693756	38.58	ng/ml	100
13)	#Endosulfan II	0.040	25.78	3093	4102978	40.73	ng/ml	100
15)	#Endosulfan Sulfate	0.040	28.29	3394	3523109	39.44	ng/ml	100
18)	#Endrin ketone	0.040	32.74	3928	3940614	41.73	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.62	4994	4914497	41.25	ng/ml	100
20)	#alpha-Chlordane	0.020	21.49	2579	2555568	20.62	ng/ml	100
21)	#gamma-Chlordane	0.020	20.75	2490	2533228	19.98	ng/ml	100
30)	#Endrin aldehyde	0.040	27.59	3310	3274467	40.17	ng/ml	100

Compound uses ESTD

EPui
8/6/96



Data File: >03551::G2 Quant Output File: ^03551::GQ
Name: INDBM06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 18:12
Injected at: 960728 17:19

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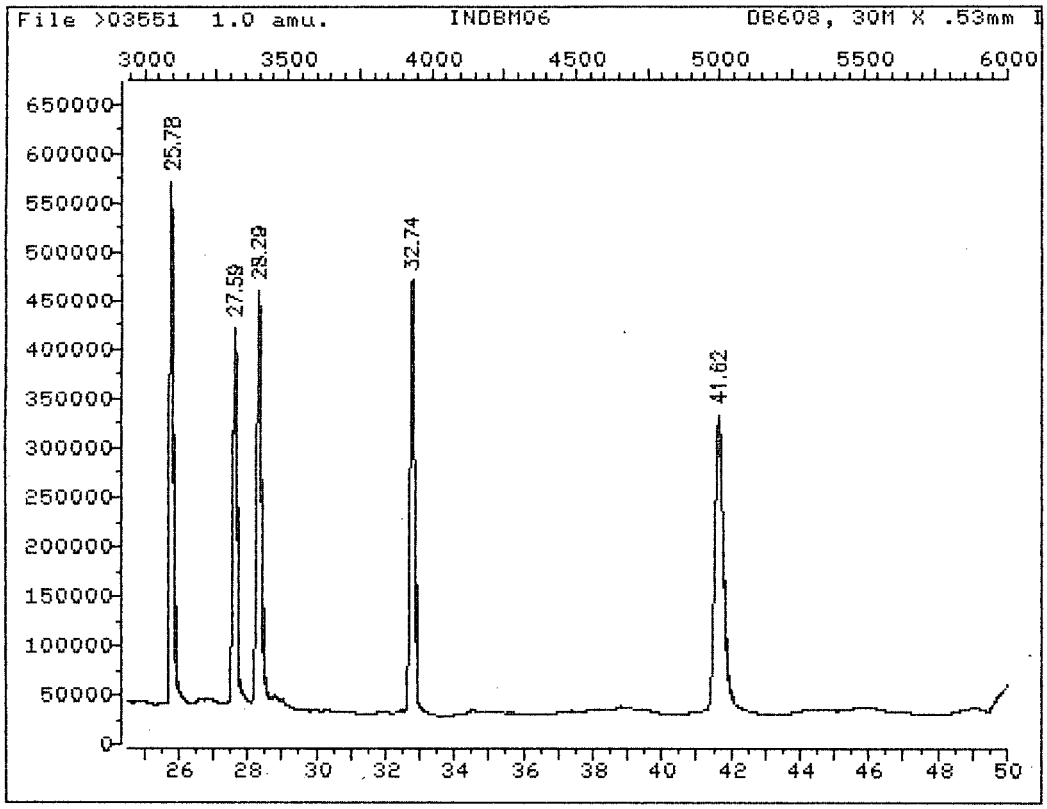

Data File: >03551::G2 Quant Output File: ^03551::GQ
Name: INDBM06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 18:12
Injected at: 960728 17:19

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QUANT REPORT

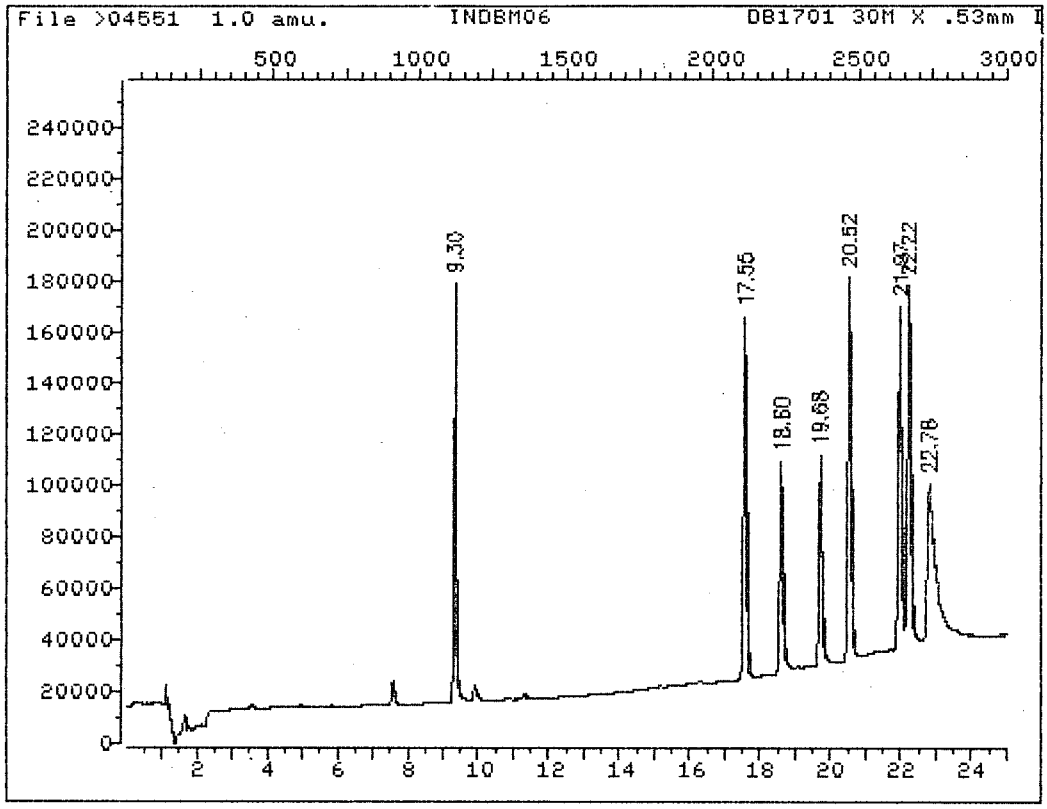
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960728 18:09
Output File: ^04551::GQ Injected at: 960728 17:19
Data File: >04551::G5 Dilution Factor: 1.00000
Name: INDBM06 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	922013	20.72	ng/ml	100
3)	#beta-BHC	0.020	18.60	2232	514232	20.20	ng/ml	100
4)	#delta-BHC	0.020	19.68	2361	485468	18.58	ng/ml	100
7)	#Aldrin	0.020	17.55	2106	814949	21.10	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.52	2462	900016	20.26	ng/ml	100
11)	#4,4'-DDE	0.040	22.78	2733	1032146	36.50	ng/ml	100
13)	#Endosulfan II	0.040	26.72	3206	1468422	41.70	ng/ml	100
15)	#Endosulfan Sulfate	0.040	30.56	3667	1036254	38.22	ng/ml	100
18)	#Endrin ketone	0.040	32.89	3947	1253961	37.95	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.68	4642	1901525	40.44	ng/ml	100
20)	#alpha-Chlordane	0.020	22.22	2666	839497	19.61	ng/ml	100
21)	#gamma-Chlordane	0.020	21.97	2636	814191	19.91	ng/ml	100
30)	#Endrin aldehyde	0.040	28.83	3459	1241845	38.89	ng/ml	100

Compound uses ESTD

E Pui
8/6/96



Data File: >04551::G5 Quant Output File: ^04551::GQ
Name: INDBM06 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 18:09
Injected at: 960728 17:19

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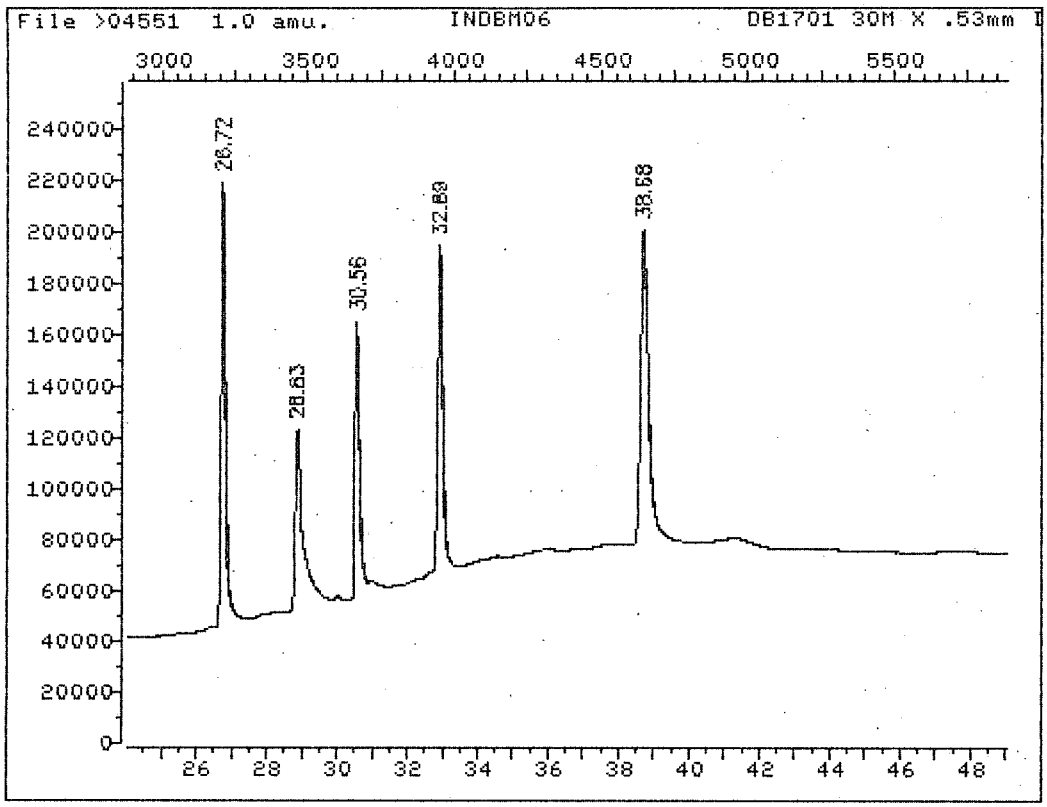

Data File: >04551::G5 Quant Output File: ^04551::GQ
Name: INDBM06 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960728 18:09
Injected at: 960728 17:19

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QUANT REPORT

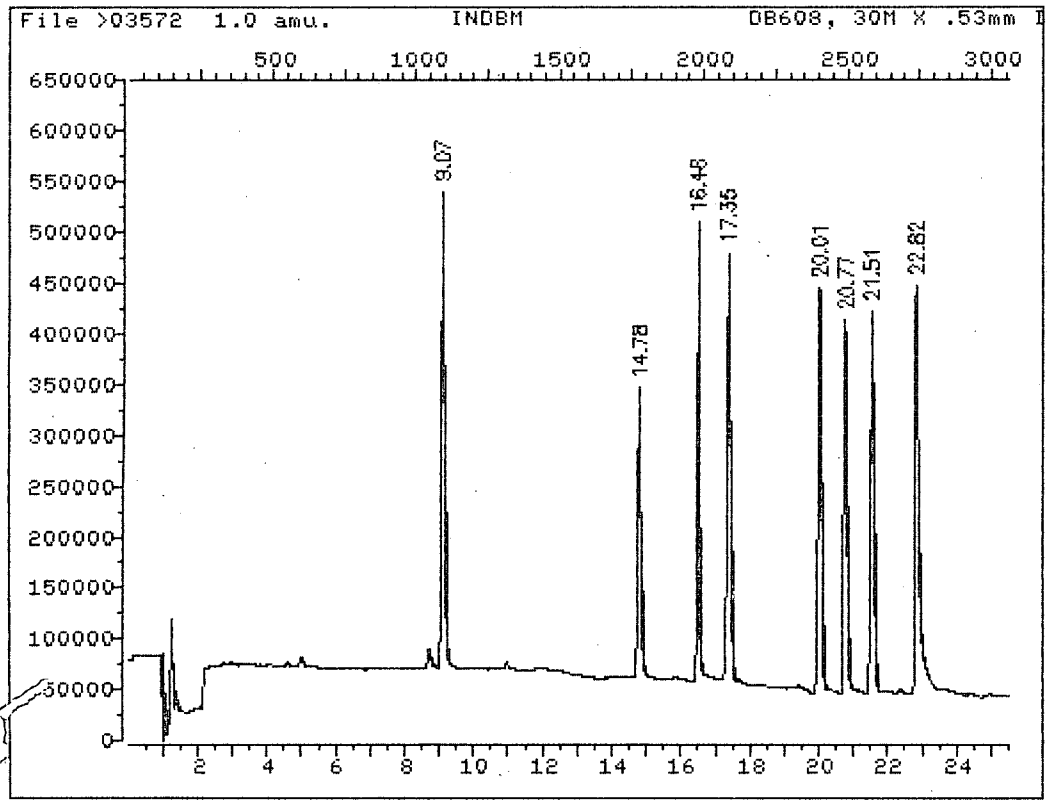
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 12:00
Output File: ^03572::GQ Injected at: 960730 05:49
Data File: >03572::G2 Dilution Factor: 1.00000
Name: INDBM07 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2669135	20.74	ng/ml	100
3)	#beta-BHC	0.020	14.78	1774	1673238	19.76	ng/ml	100
4)	#delta-BHC	0.020	16.48	1978	2547154	19.44	ng/ml	100
7)	#Aldrin	0.020	17.35	2082	2747747	19.99	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.01	2401	2550979	19.74	ng/ml	100
11)	#4,4'-DDE	0.040	22.82	2738	3574840	37.33	ng/ml	100
13)	#Endosulfan II	0.040	25.79	3095	3927248	38.98	ng/ml	100
15)	#Endosulfan Sulfate	0.040	28.30	3396	3385637	37.90	ng/ml	100
18)	#Endrin ketone	0.040	32.74	3929	3571455	37.82	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.65	4998	4594850	38.57	ng/ml	100
20)	#alpha-Chlordane	0.020	21.51	2581	2416313	19.50	ng/ml	100
21)	#gamma-Chlordane	0.020	20.77	2492	2428100	19.15	ng/ml	100
30)	#Endrin aldehyde	0.040	27.59	3311	3084661	37.85	ng/ml	100

Compound uses ESTD

E Price
8/8/09



Data File: >03572::G2 Quant Output File: ^03572::GQ
Name: INDBM Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 12:00
Injected at: 960730 05:49

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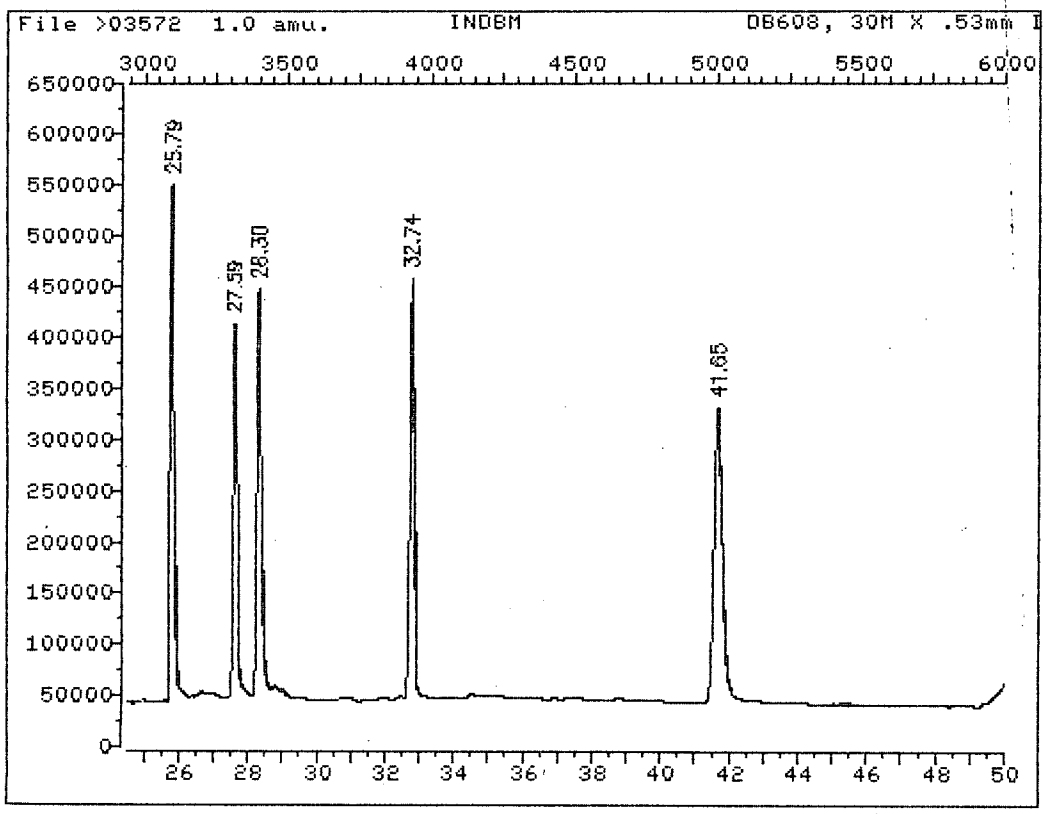

Data File: >03572::G2 Quant Output File: ^03572::GQ
Name: INDBM Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 12:00
Injected at: 960730 05:49

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QUANT REPORT

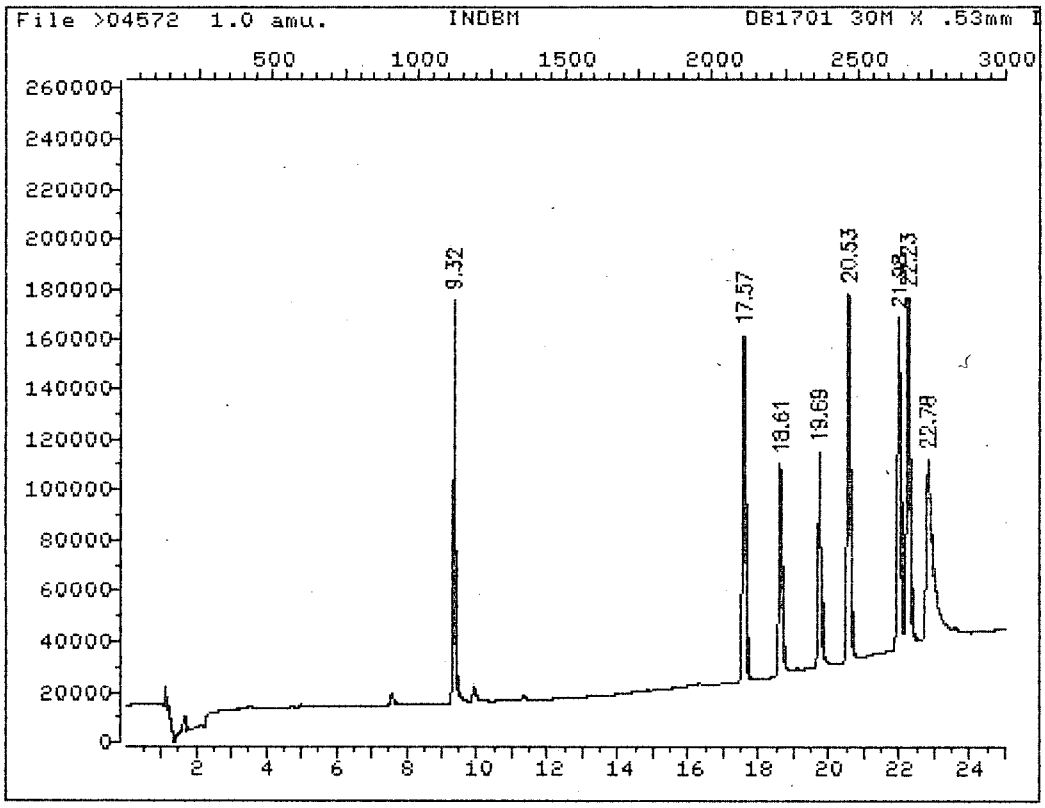
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:58
Output File: ^04572::GQ Injected at: 960730 05:49
Data File: >04572::G5 Dilution Factor: 1.00000
Name: INDBM Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	891084	20.03	ng/ml	100
3)	#beta-BHC	0.020	18.61	2233	511222	20.08	ng/ml	100
4)	#delta-BHC	0.020	19.69	2363	481654	18.44	ng/ml	100
7)	#Aldrin	0.020	17.57	2108	766750	19.86	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.53	2464	877049	19.74	ng/ml	100
11)	#4,4'-DDE	0.040 ~~0.020~~ CP	22.78	2733	1036259	36.65	ng/ml	100
13)	#Endosulfan II	0.040 ~~0.020~~ EP	26.73	3207	1397177	39.68	ng/ml	100
15)	#Endosulfan Sulfate	0.040	30.58	3669	1028913	37.95	ng/ml	100
18)	#Endrin ketone	0.040	32.91	3949	1263531	38.24	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.72	4646	1855705	39.47	ng/ml	100
20)	#alpha-Chlordane	0.020	22.23	2667	814258	19.02	ng/ml	100
21)	#gamma-Chlordane	0.020	21.98	2637	794282	19.42	ng/ml	100
30)	#Endrin aldehyde	0.040	28.84	3461	1195259	37.43	ng/ml	100

Compound uses ESTD

EPma
8/8/96



Data File: >04572::G5 Quant Output File: ^04572::GQ
Name: INDBM Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:58
Injected at: 960730 05:49

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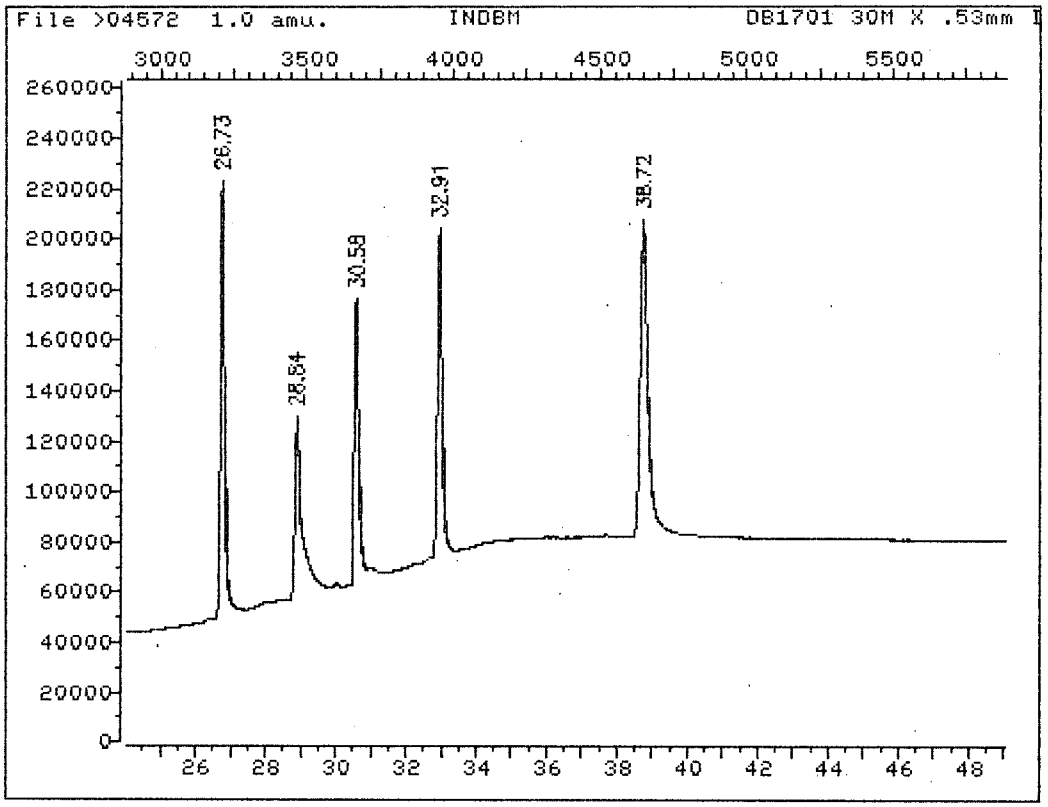

Data File: >04572::G5 Quant Output File: ^04572::GQ
Name: INDBM Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:58
Injected at: 960730 05:49

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QUANT REPORT

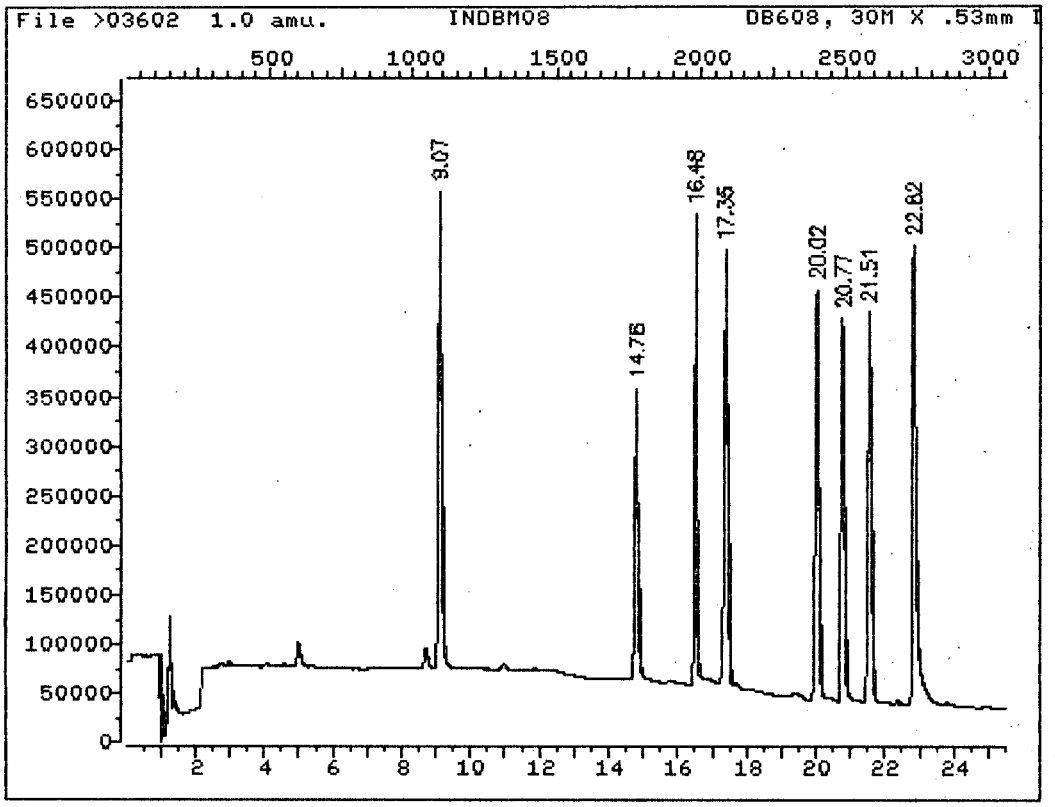
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960813 09:36
Output File: ^03602::F3 Injected at: 960801 00:00
Data File: >03602::G4 Dilution Factor: 1.00000
Name: INDBM08 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2749697	21.37	ng/ml	100
3)	#beta-BHC	0.020	14.78	1774	1748376	20.65	ng/ml	100
4)	#delta-BHC	0.020	16.48	1978	2673124	20.41	ng/ml	100
7)	#Aldrin	0.020	17.35	2082	2874639	20.91	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.02	2402	2742195	21.22	ng/ml	100
11)	#4,4'-DDE	0.040	22.82	2738	3793975	39.62	ng/ml	100
13)	#Endosulfan II	0.040	25.79	3095	4125367	40.95	ng/ml	100
15)	#Endosulfan Sulfate	0.040	28.30	3396	3580780	40.09	ng/ml	100
18)	#Endrin ketone	0.040	32.75	3930	3835926	40.62	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.65	4998	4922205	41.32	ng/ml	100
20)	#alpha-Chlordane	0.020	21.51	2581	2525397	20.38	ng/ml	100
21)	#gamma-Chlordane	0.020	20.77	2492	2533560	19.98	ng/ml	100
30)	#Endrin aldehyde	0.040	27.60	3312	3255221	39.94	ng/ml	100

Compound uses ESTD

E Price
8/13/96



Data File: >03602::G4 Quant Output File: ^03602::F3
Name: INDBM08 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:36
Injected at: 960801 00:00

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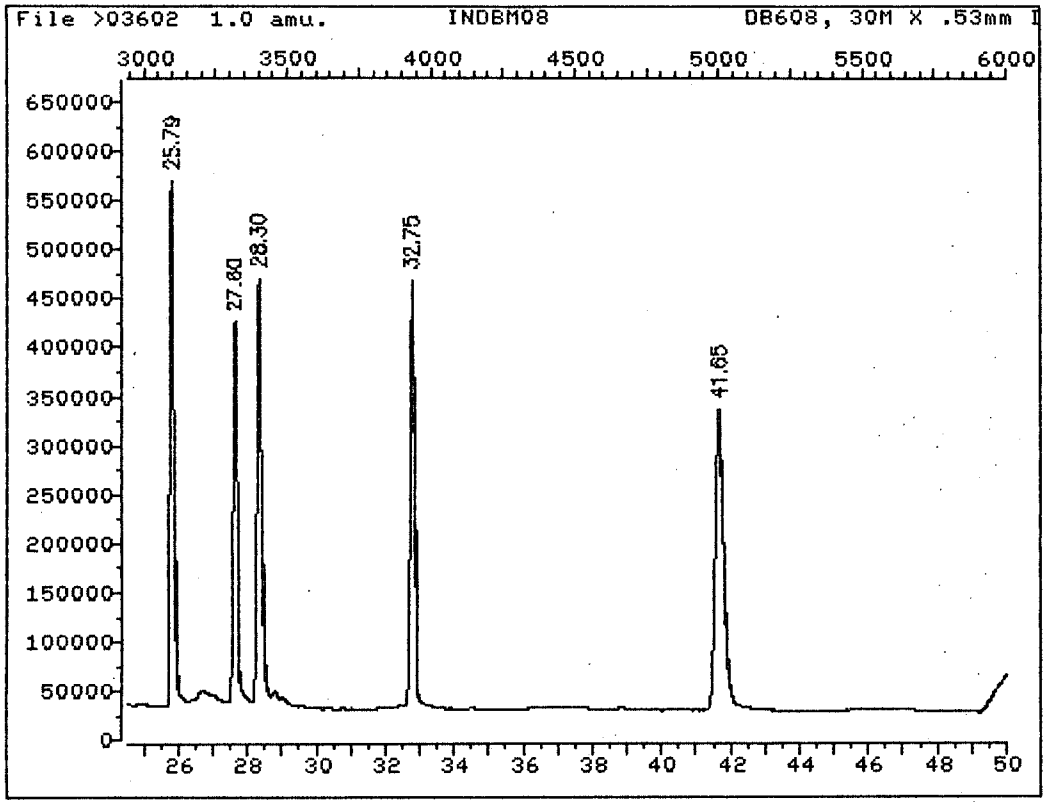

Data File: >03602::G4 Quant Output File: ^03602::F3
Name: INDBM08 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:36
Injected at: 960801 00:00

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960813 09:48
Output File: ^04602::F3 Injected at: 960801 00:00
Data File: >04602::G5 Dilution Factor: 1.00000
Name: INDBM08 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	923086	20.75	ng/ml	100
3)	#beta-BHC	0.020	18.61	2233	534583	21.00	ng/ml	100
4)	#delta-BHC	0.020	19.69	2363	499734	19.13	ng/ml	100
7)	#Aldrin	0.020	17.57	2108	782107	20.25	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.53	2464	895175	20.15	ng/ml	100
11)	#4,4'-DDE	0.040	22.77	2732	1085153	38.38	ng/ml	100
13)	#Endosulfan II	0.040	26.74	3208	1413096	40.13	ng/ml	100
15)	#Endosulfan Sulfate	0.040	30.58	3669	1050582	38.75	ng/ml	100
18)	#Endrin ketone	0.040	32.92	3950	1248772	37.79	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.71	4645	1871181	39.80	ng/ml	100
20)	#alpha-Chlordane	0.020	22.23	2668	854474	19.96	ng/ml	100
21)	#gamma-Chlordane	0.020	21.98	2638	811723	19.85	ng/ml	100
30)	#Endrin aldehyde	0.040	28.84	3461	1209894	37.89	ng/ml	100

Compound uses ESTD

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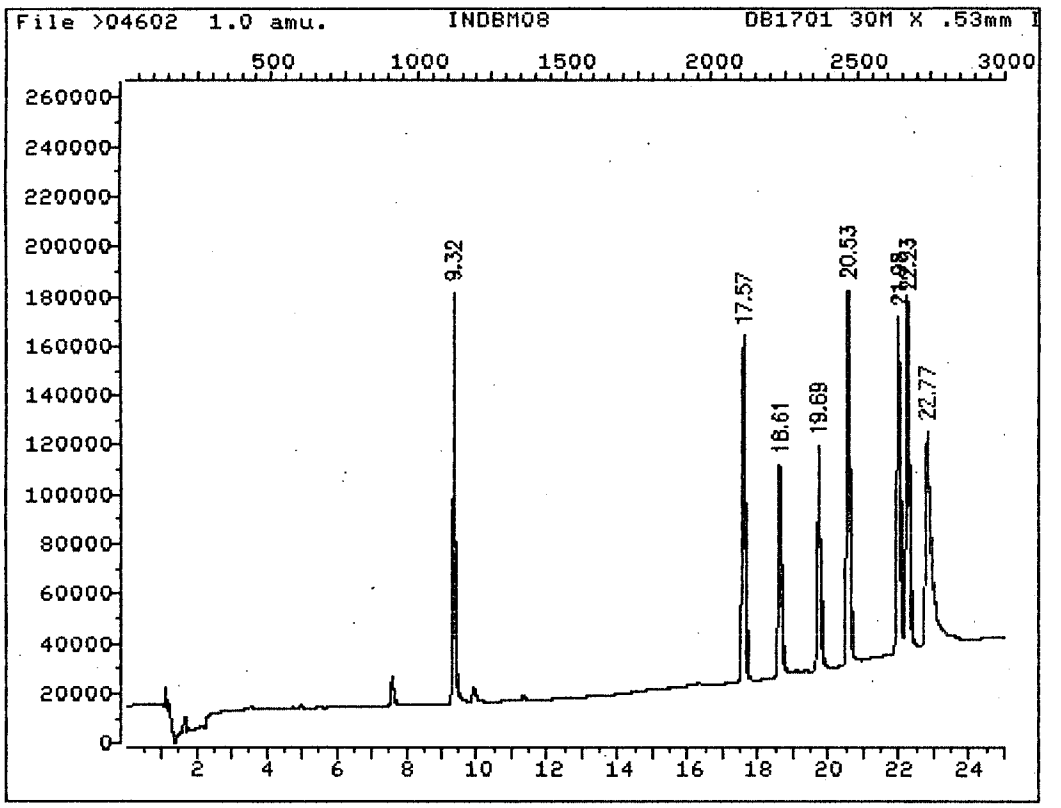
8/13/96



Data File: >04602::G5 Quant Output File: ^04602::F3
Name: INDBM08 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:48
Injected at: 960801 00:00

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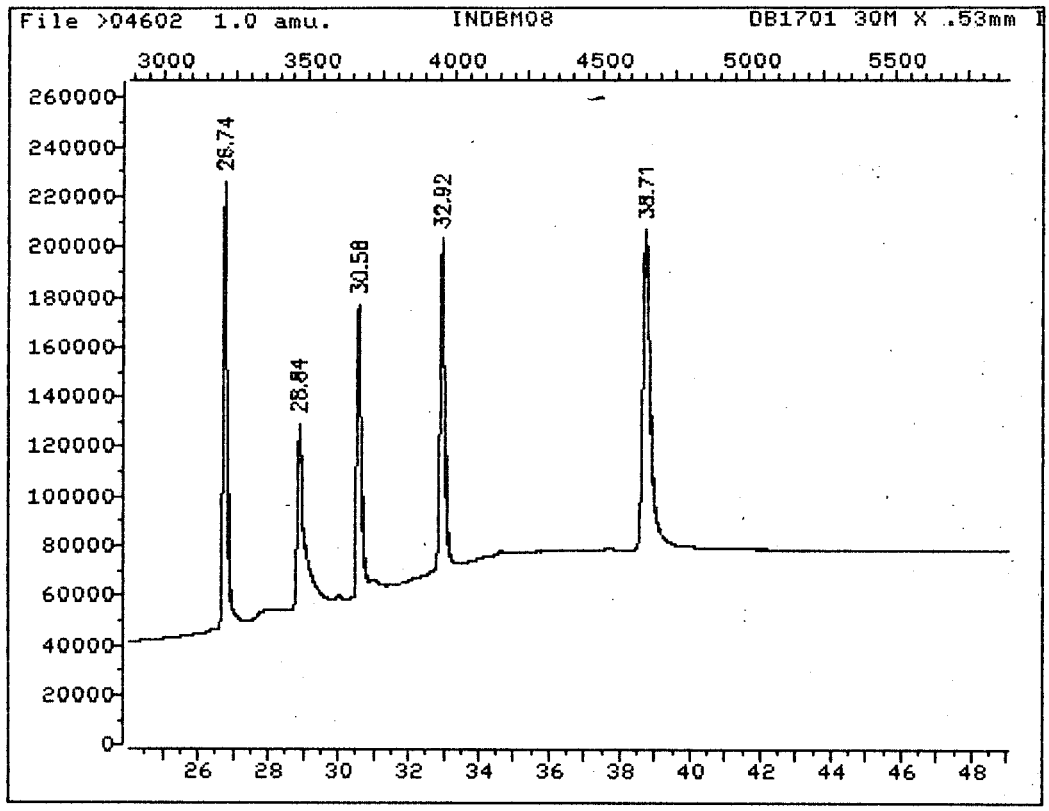

Data File: >04602::G5 Quant Output File: ^04602::F3
Name: INDBM08 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:48
Injected at: 960801 00:00

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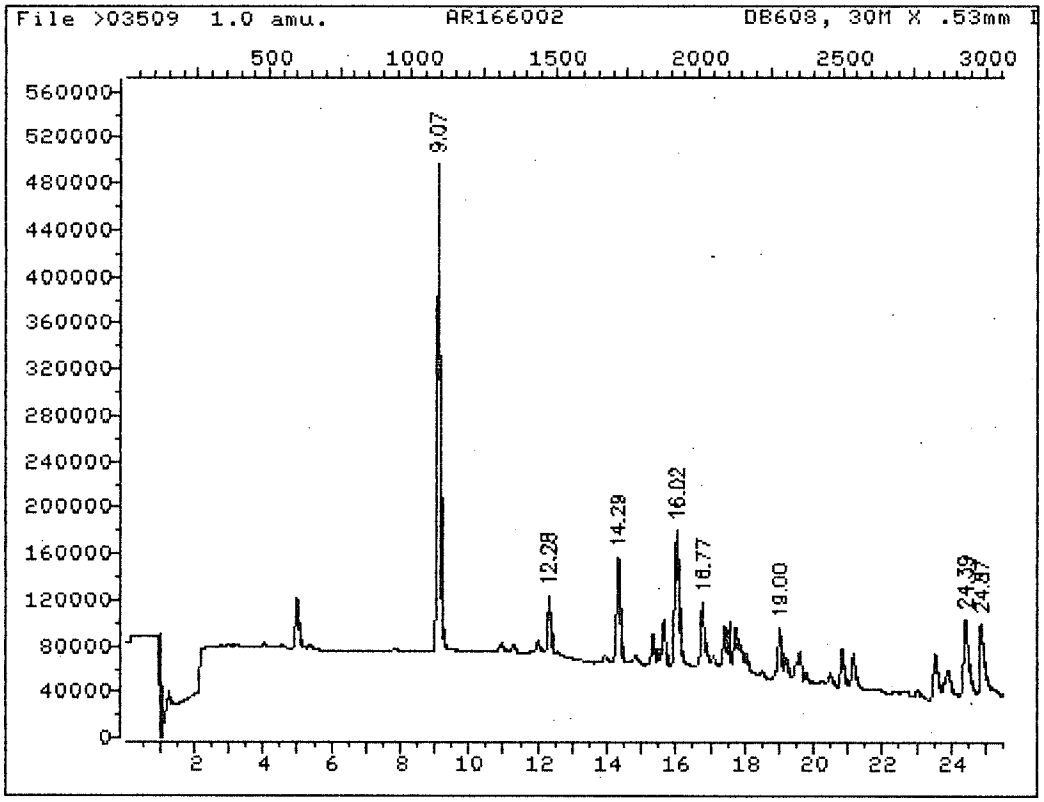
QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:08
Output File: ^03509::GQ Injected at: 960726 05:54
Data File: >03509::G2 Dilution Factor: 1.00000
Name: AR166002 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.07	1088	2455001	19.08	ng/ml	100
19)	#Decachlorobiphenyl	41.66	4999	2520984	21.16	ng/ml	100
23)	#Aroclor-1016(1)	12.28	1474	287895	104.61	ng/ml	100
29)	#Aroclor-1260(1)	24.39	2927	615470	99.01	ng/ml	100
34)	#Aroclor-1016(2)	14.29	1715	614851	104.41	ng/ml	100
35)	#Aroclor-1016(3)	16.02	1922	1061858	95.65	ng/ml	100
36)	#Aroclor-1016(4)	16.77	2012	406519	106.45	ng/ml	100
37)	#Aroclor-1016(5)	19.00	2280	311952	92.85	ng/ml	100
55)	#Aroclor-1260(2)	24.87	2984	635974	90.95	ng/ml	100
56)	#Aroclor-1260(3)	26.58	3189	547702M	80.05	ng/ml	100
57)	#Aroclor-1260(4)	30.18	3621	1212341	97.12	ng/ml	100
58)	#Aroclor-1260(5)	32.94	3953	549249	103.00	ng/ml	100

Compound uses ESTD



Data File: >03509::G2 Quant Output File: ^03509::GQ
Name: AR166002 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:08
Injected at: 960726 05:54

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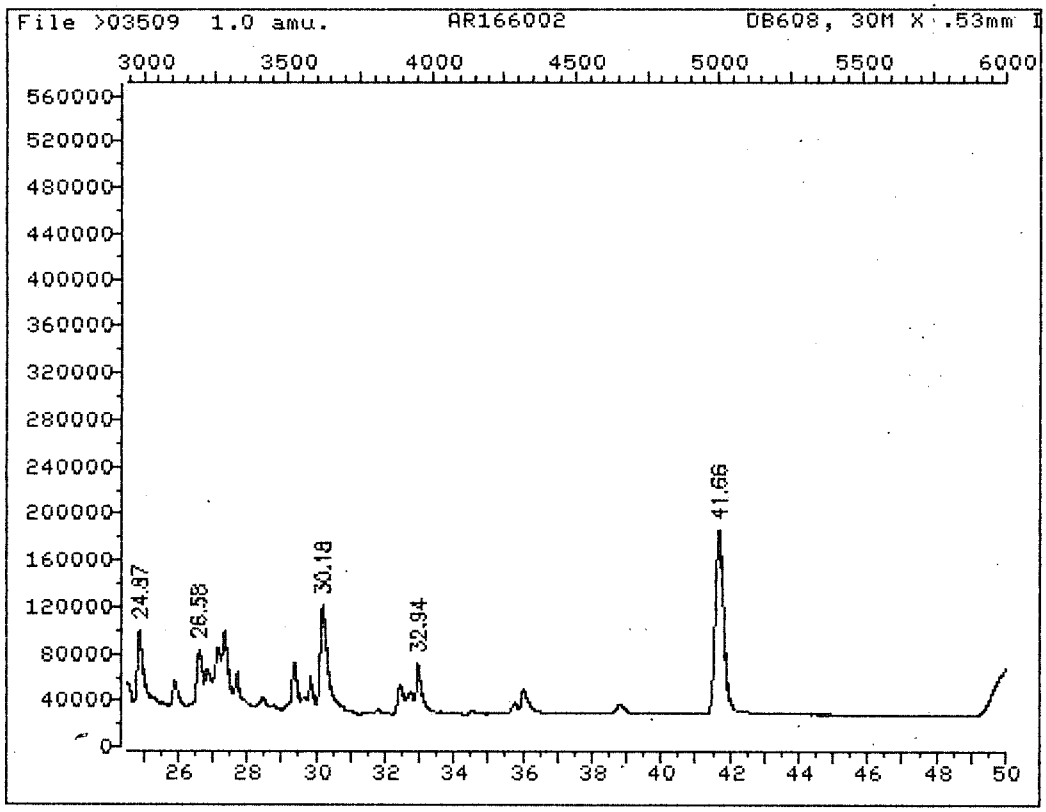

Data File: >03509::G2 Quant Output File: ^03509::GQ
Name: AR166002 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:08
Injected at: 960726 05:54

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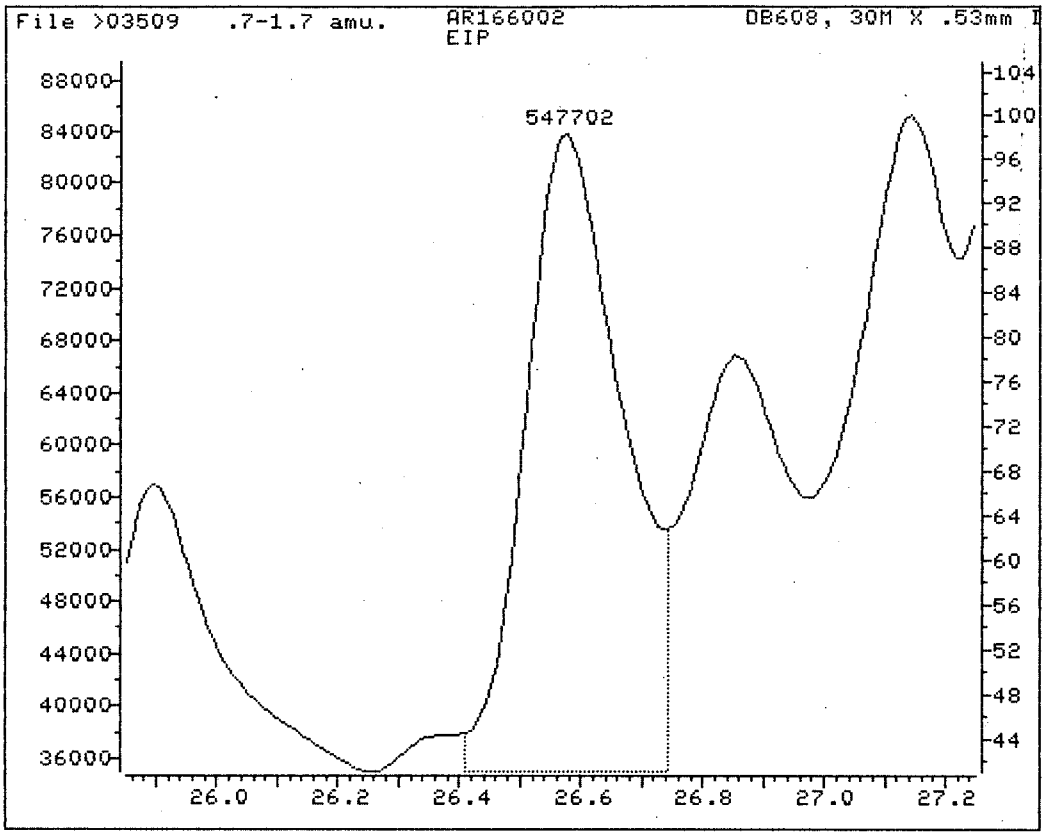
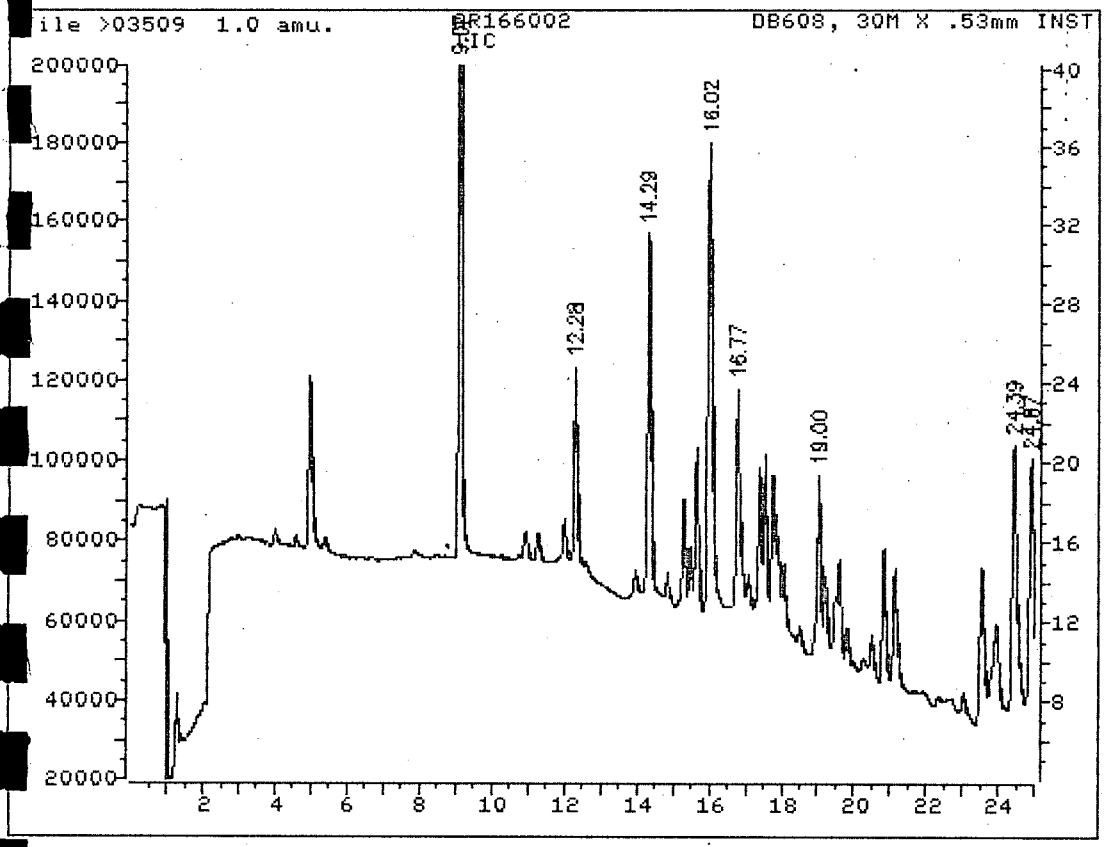


Data File: >03509::G2 Quant Output File: ^03509::GQ
Name: AR166002 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ
Quant Time: 960730 11:08 Quant ID File: IDCAP1::SC
Injected at: 960726 05:54 Last Calibration: 941029 10:07

Compound No: 56
Compound Name: Aroclor-1260(3)
Scan Number: 3189
Retention Time: 26.58 min.
Quant Ion: 1.0
Area: 547702M
Concentration: 80.05 ng/ml
q-value: 100

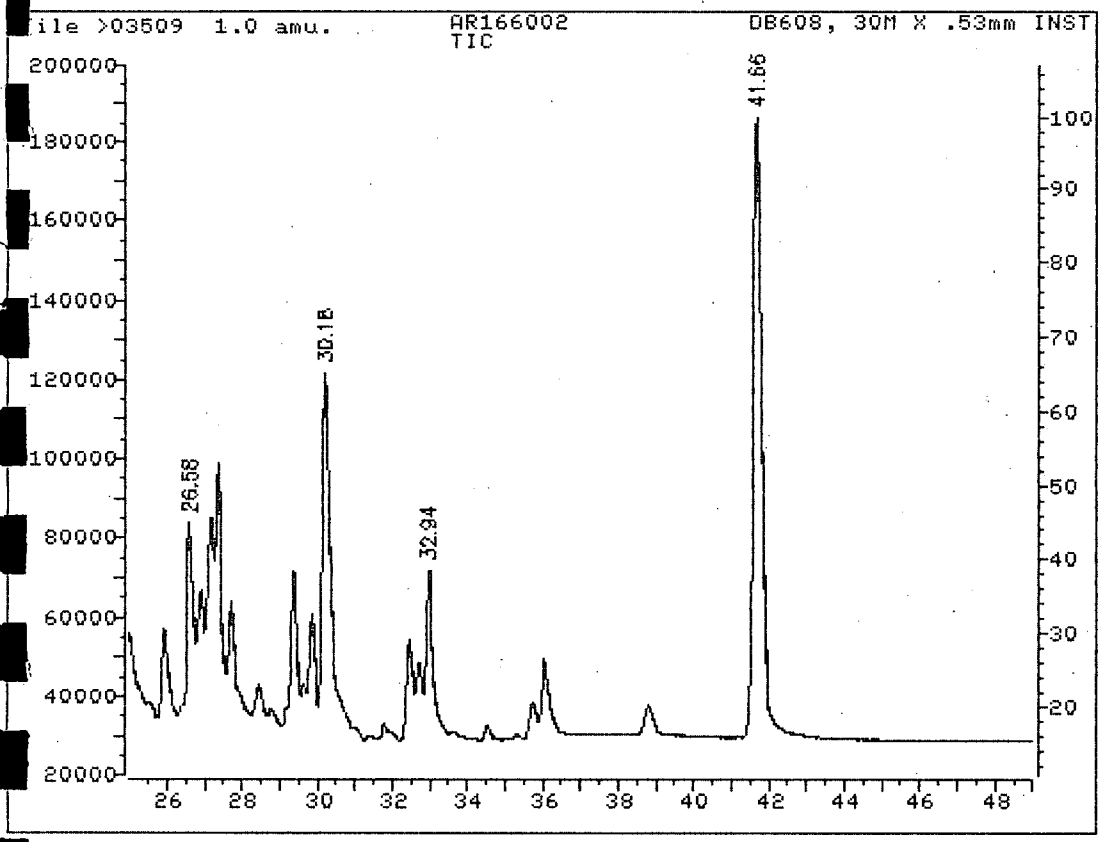
This report was produced by QAREA on: 960731 09:09



MS data file header from : >03509::G2

Sample: AR166002 Operator: TRFI2 7/26/96 5:54
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03509::G2

Sample: AR166002 Operator: TRFI2 7/26/96 5:54
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:39
Output File: ^04509::GQ Injected at: 960726 05:55
Data File: >04509::G4 Dilution Factor: 1.00000
Name: AR166002 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	818806	18.40	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.73	4647	923150	19.63	ng/ml	100
23)	#Aroclor-1016(1)	0.100	12.07	1449	119199	99.25	ng/ml	100
29)	#Aroclor-1260(1)	0.100	23.80	2856	231368	95.70	ng/ml	100
34)	#Aroclor-1016(2)	0.100	13.84	1661	246874	101.98	ng/ml	100
35)	#Aroclor-1016(3)	0.100	15.98	1918	330632	83.89	ng/ml	100
36)	#Aroclor-1016(4)	0.100	16.54	1985	128565	86.22	ng/ml	100
37)	#Aroclor-1016(5)	0.100	18.56	2227	175258	88.62	ng/ml	100
55)	#Aroclor-1260(2)	0.100	24.95	2994	219886	80.96	ng/ml	100
56)	#Aroclor-1260(3)	0.100	28.48	3417	143060	90.69	ng/ml	100
57)	#Aroclor-1260(4)	0.100	30.14	3617	398667	93.52	ng/ml	100
58)	#Aroclor-1260(5)	0.100	32.09	3850	243502	91.29	ng/ml	100

Compound uses ESTD

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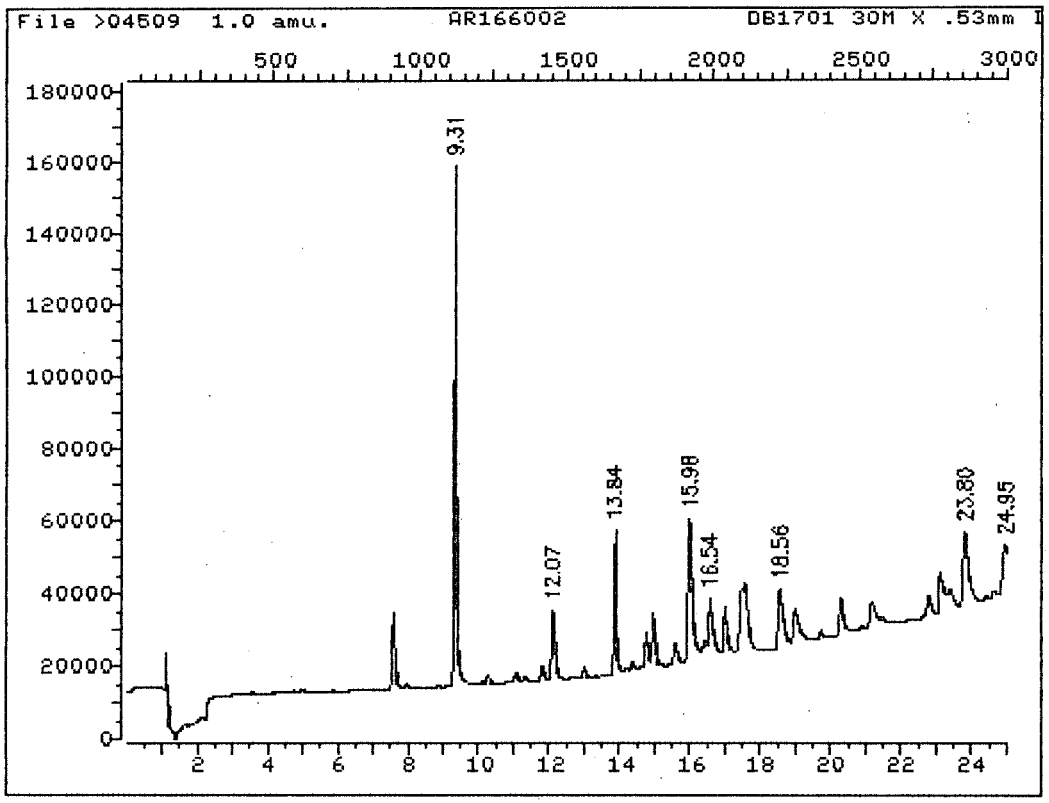
7/31/96



Data File: >04509::G4 Quant Output File: ^04509::GQ
Name: AR166002 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:39
Injected at: 960726 05:55

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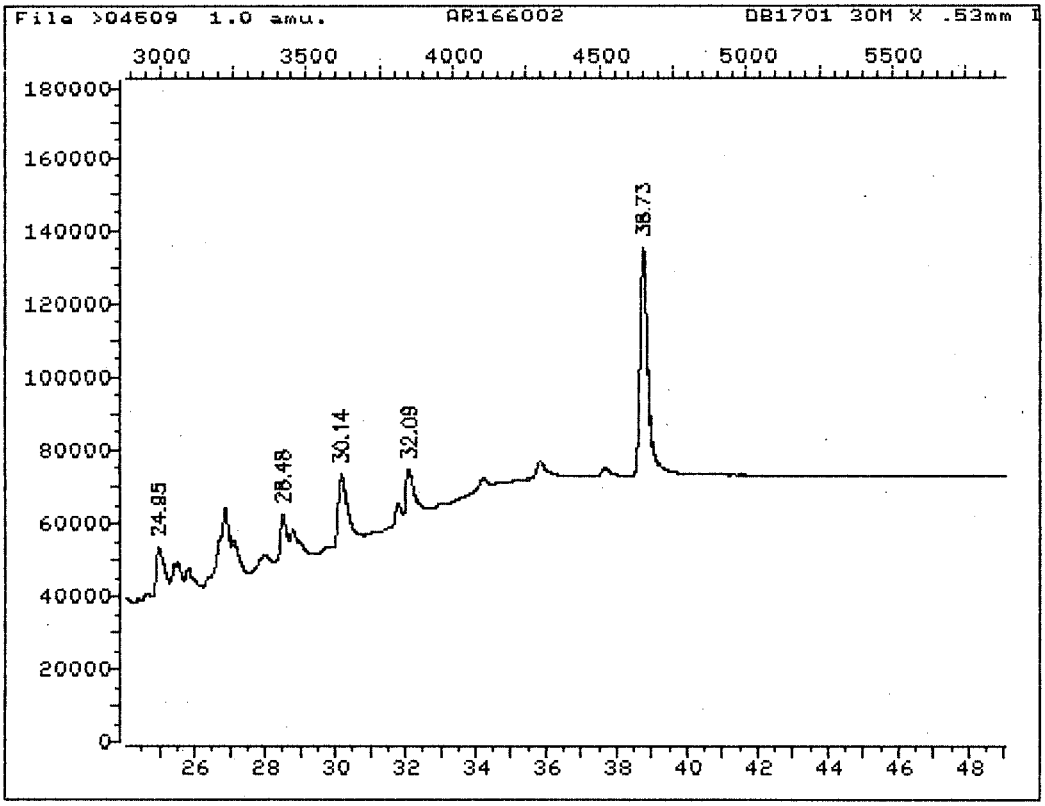

Data File: >04509::G4 Quant Output File: ^04509::GQ
Name: AR166002 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:39
Injected at: 960726 05:55

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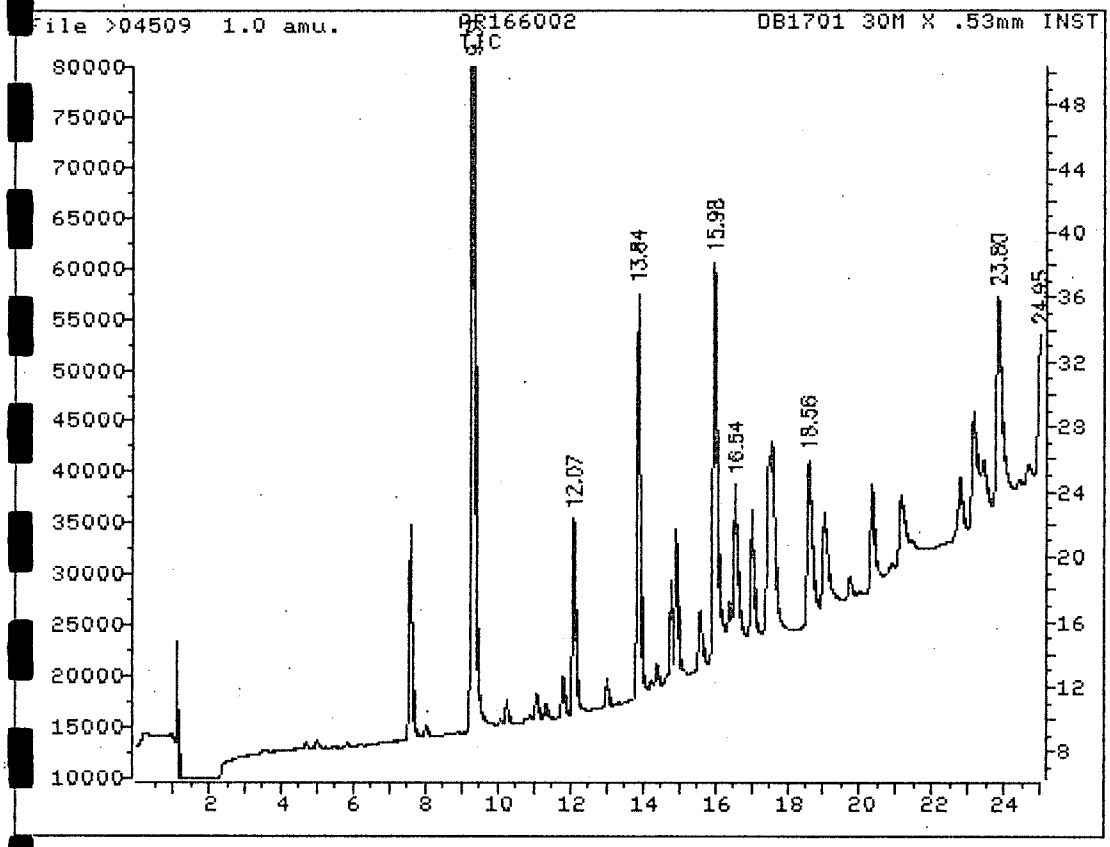
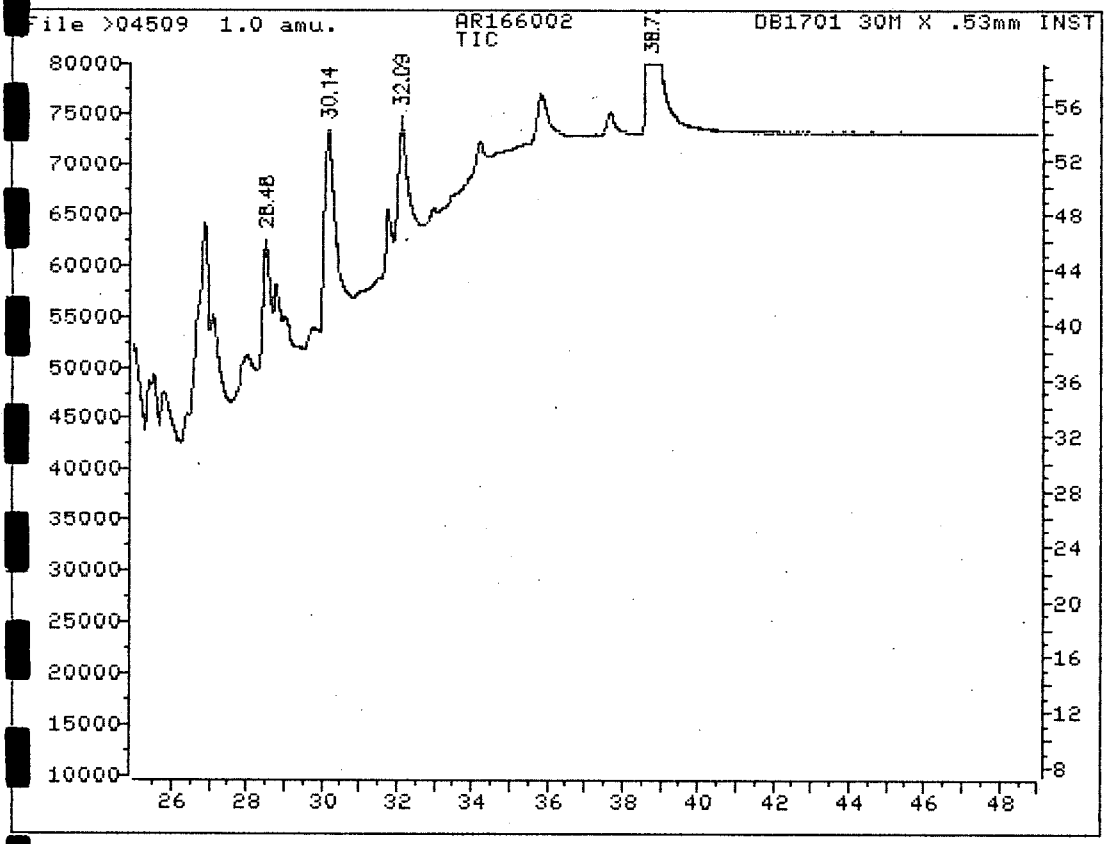


MS data file header from : >04509::G4

Sample: AR166002 Operator: TRFI2 7/26/96 5:55
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04509::G4

Sample: AR166002 Operator: TRFI2 7/26/96 5:55
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:06
Output File: ^03508::GQ Injected at: 960726 04:59
Data File: >03508::G2 Dilution Factor: 1.00000
Name: AR122102 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2366309	18.39	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.65	4998	2405159	20.19	ng/ml	100
24)	#Aroclor-1221(1)	0.200	7.89	947	179471	219.53	ng/ml	100
38)	#Aroclor-1221(2)	0.200	11.25	1350	335962	209.86	ng/ml	100
39)	#Aroclor-1221(3)	0.200	12.28	1474	766084	209.53	ng/ml	100

Compound uses ESTD

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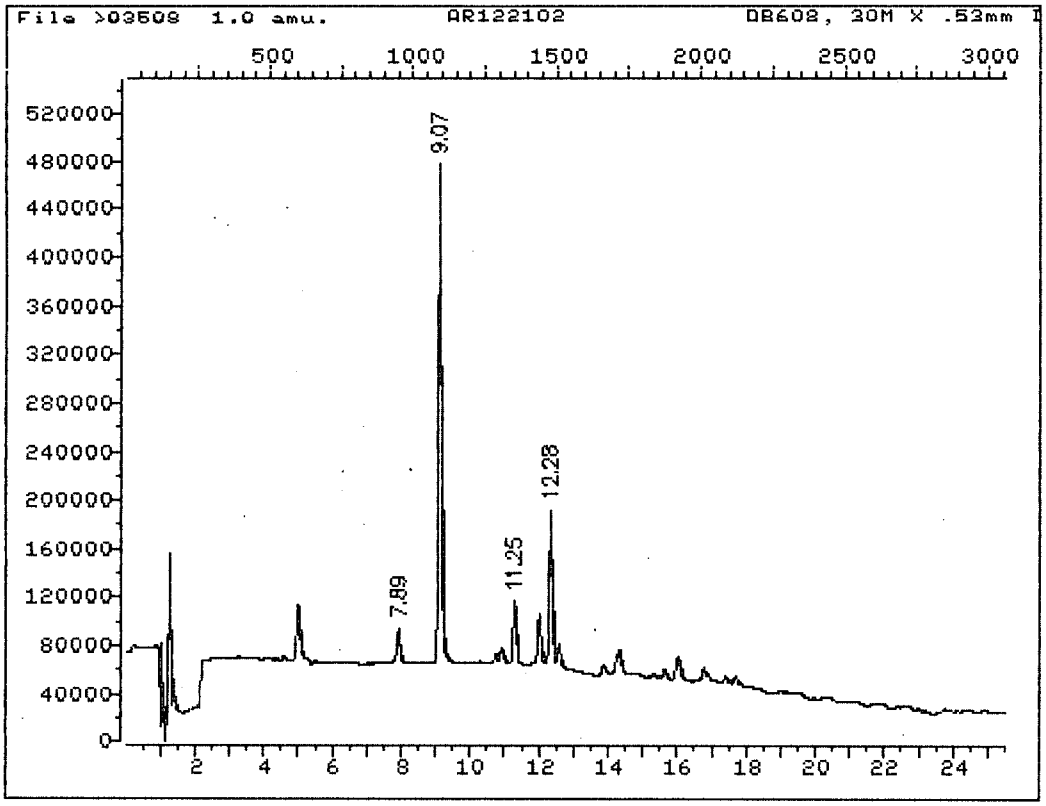
7/31/96



Data File: >03508::G2 Quant Output File: ^03508::GQ
Name: AR122102 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:06
Injected at: 960726 04:59

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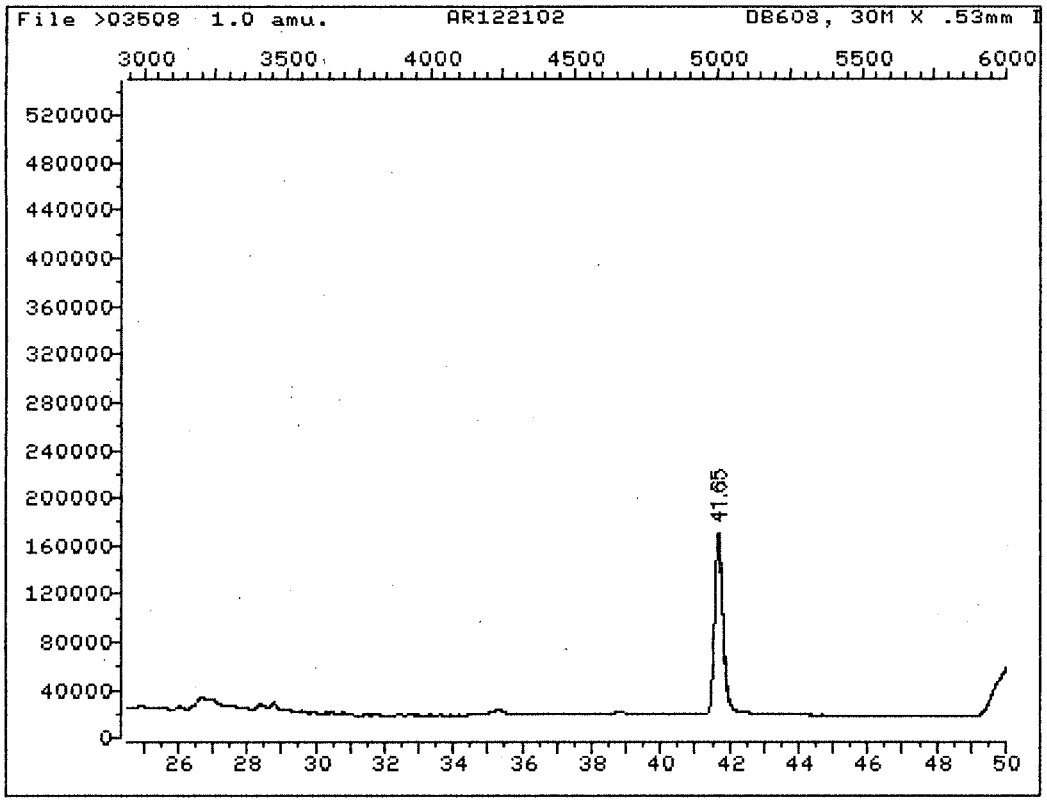

Data File: >03508::G2 Quant Output File: ^03508::GQ
Name: AR122102 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:06
Injected at: 960726 04:59

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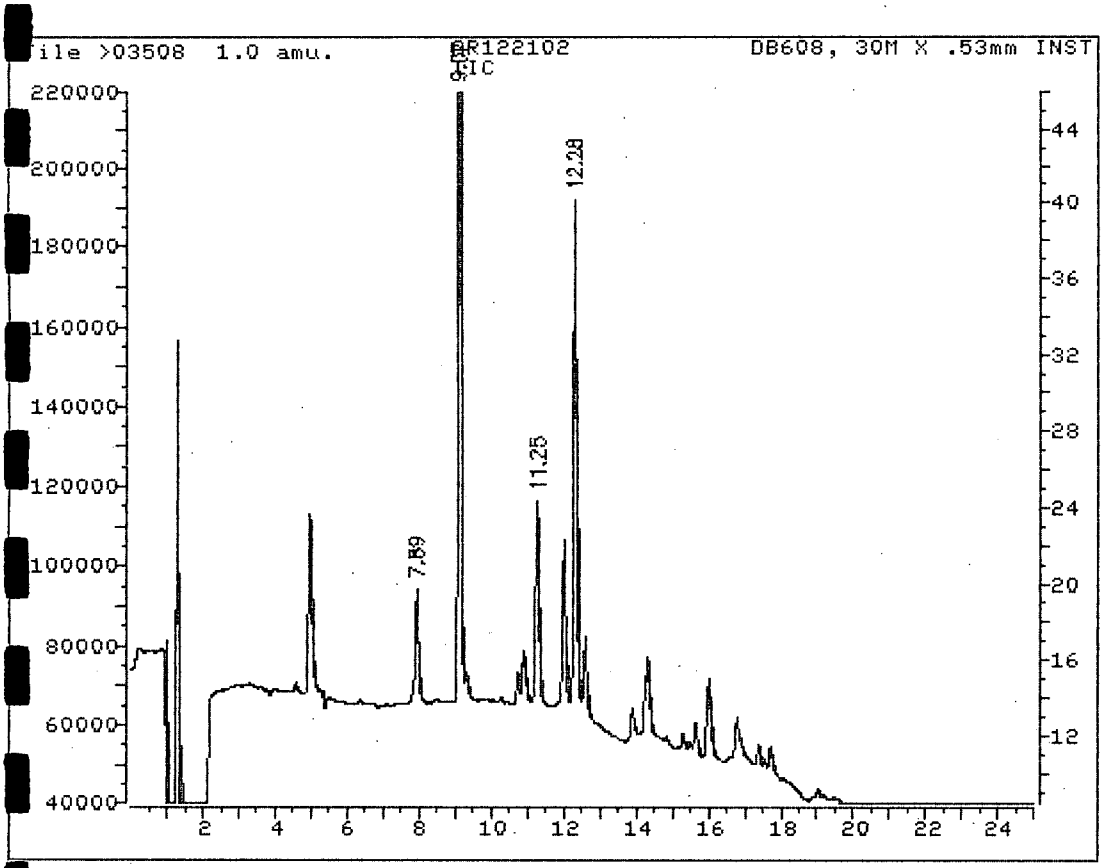
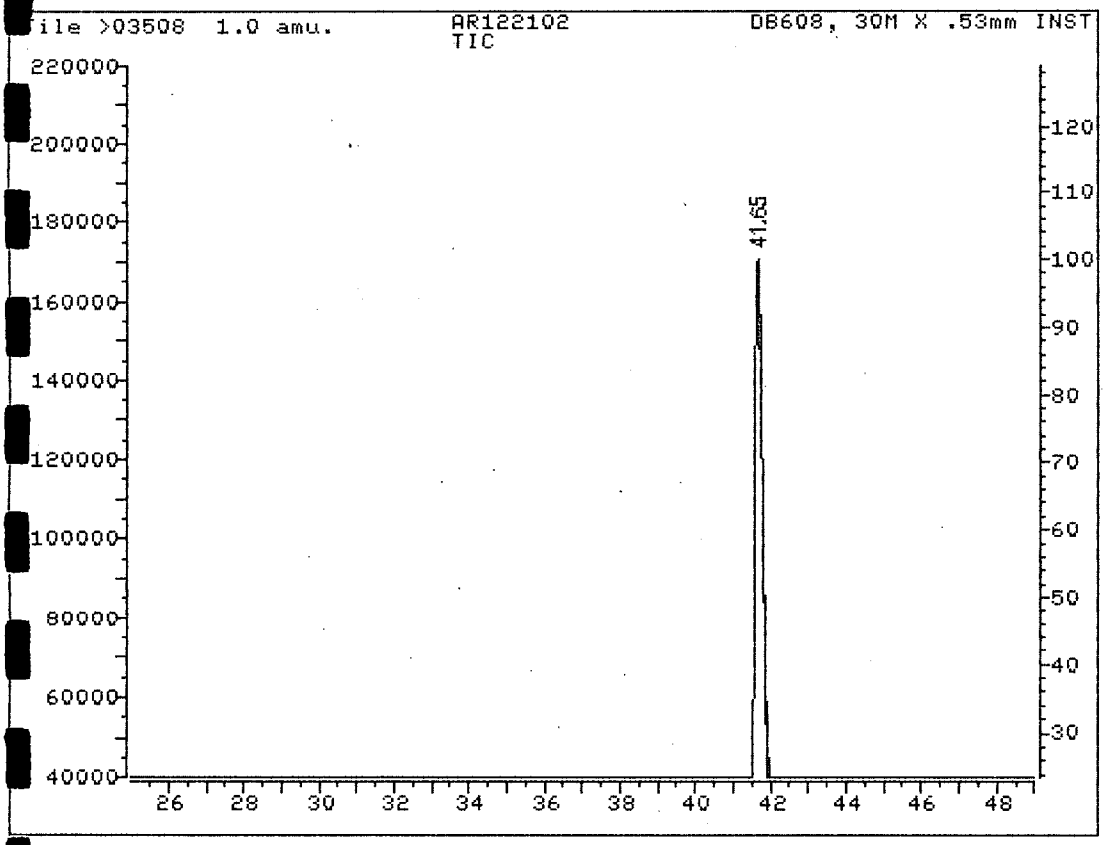


MS data file header from : >03508::G2

Sample: AR122102 Operator: TRFI2 7/26/96 4:59
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03508::G2

Sample: AR122102 Operator: TRFI2 7/26/96 4:59
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

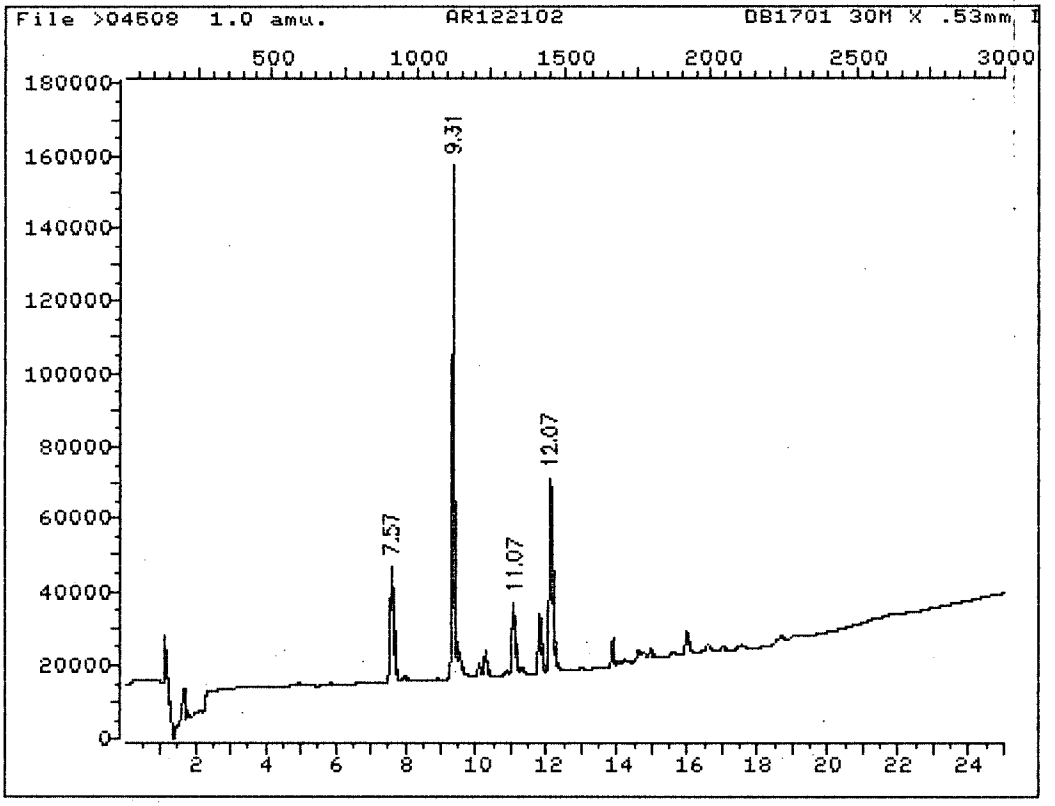
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:38
Output File: ^04508::GQ Injected at: 960726 05:00
Data File: >04508::G4 Dilution Factor: 1.00000
Name: AR122102 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	767698	17.26	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.73	4647	897363	19.08	ng/ml	100
24)	#Aroclor-1221(1)	0.200	7.57	908	218849	205.30	ng/ml	100
38)	#Aroclor-1221(2)	0.200	11.07	1328	121609	192.17	ng/ml	100
39)	#Aroclor-1221(3)	0.200	12.07	1448	336591	199.33	ng/ml	100

Compound uses ESTD

E Pucci
7/31/94



Data File: >04508::G4 Quant Output File: ^04508::GQ
Name: AR122102 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:38
Injected at: 960726 05:00

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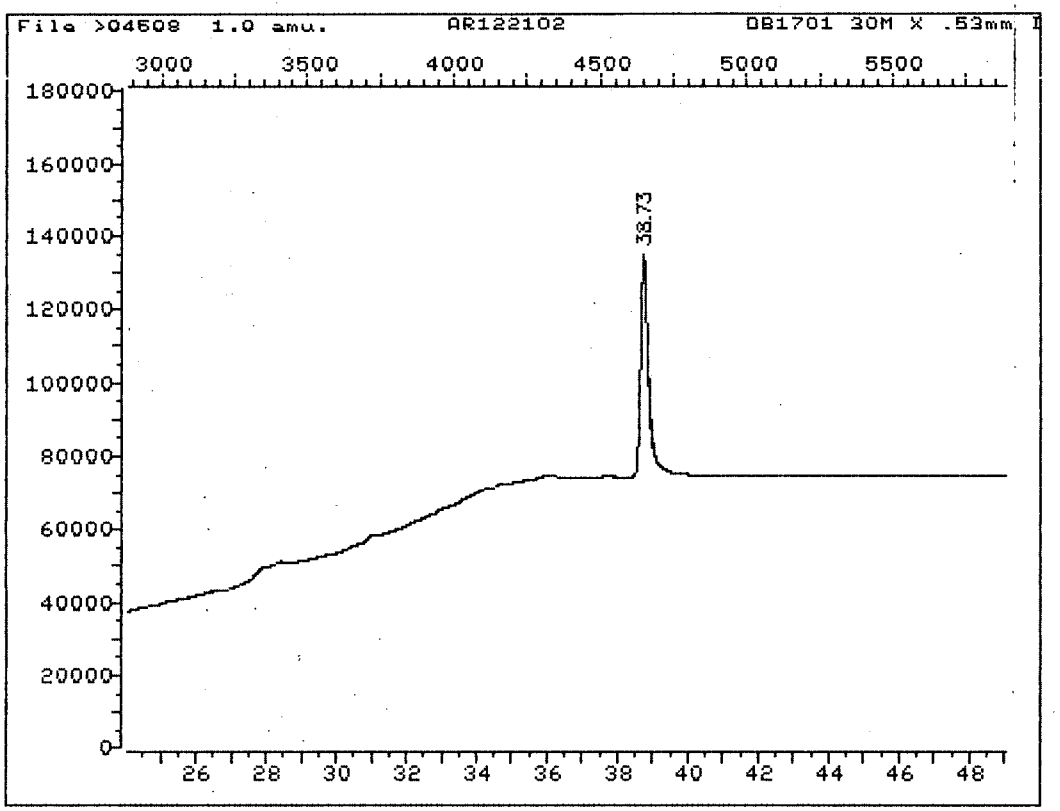

Data File: >04508::G4 Quant Output File: ^04508::GQ
Name: AR122102 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:38
Injected at: 960726 05:00

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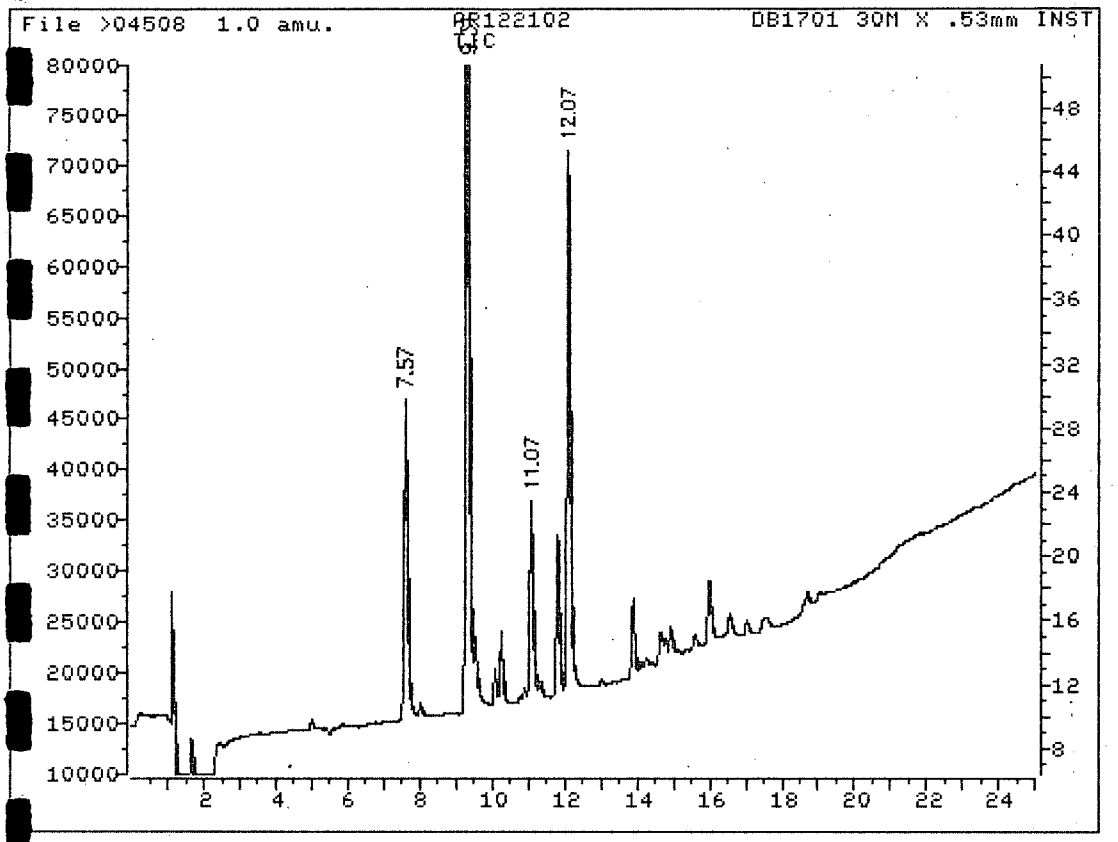
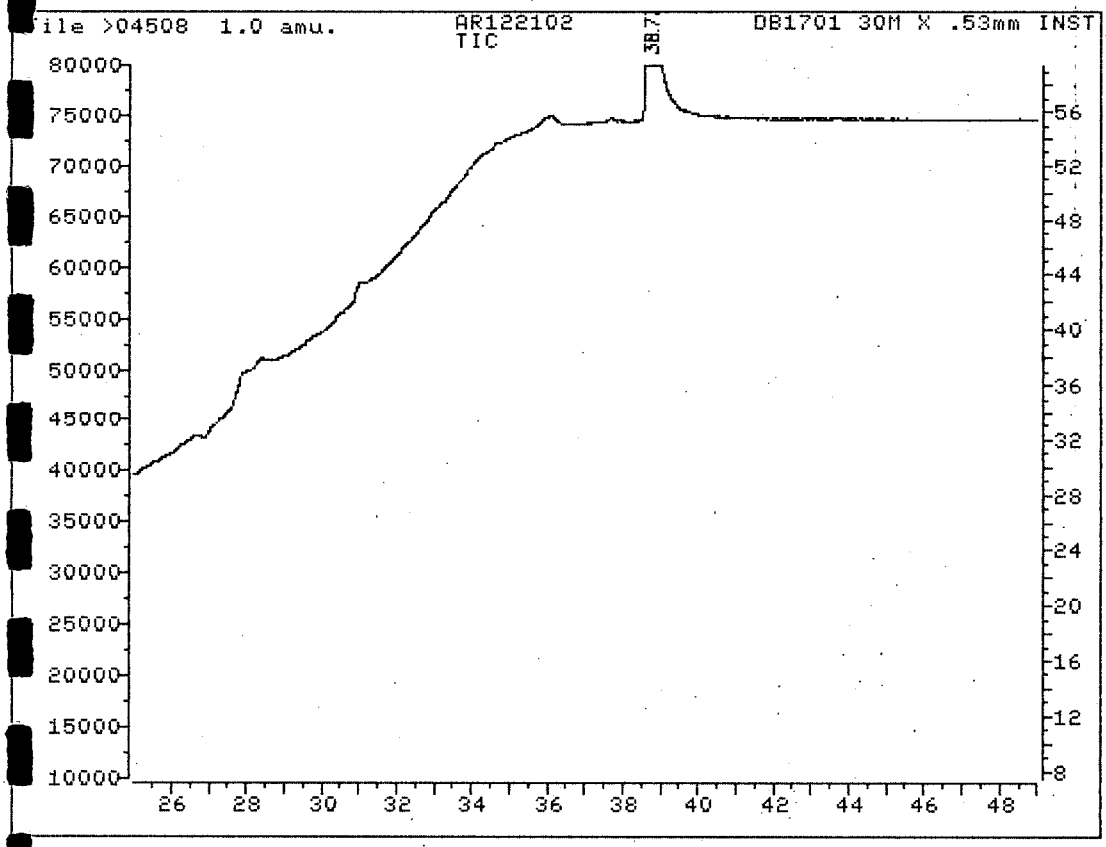


MS data file header from : >04508::G4

Sample: AR122102 Operator: TRFI2 7/26/96 5:00
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04508::G4

Sample: AR122102 Operator: TRFI2 7/26/96 5:00
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: . Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

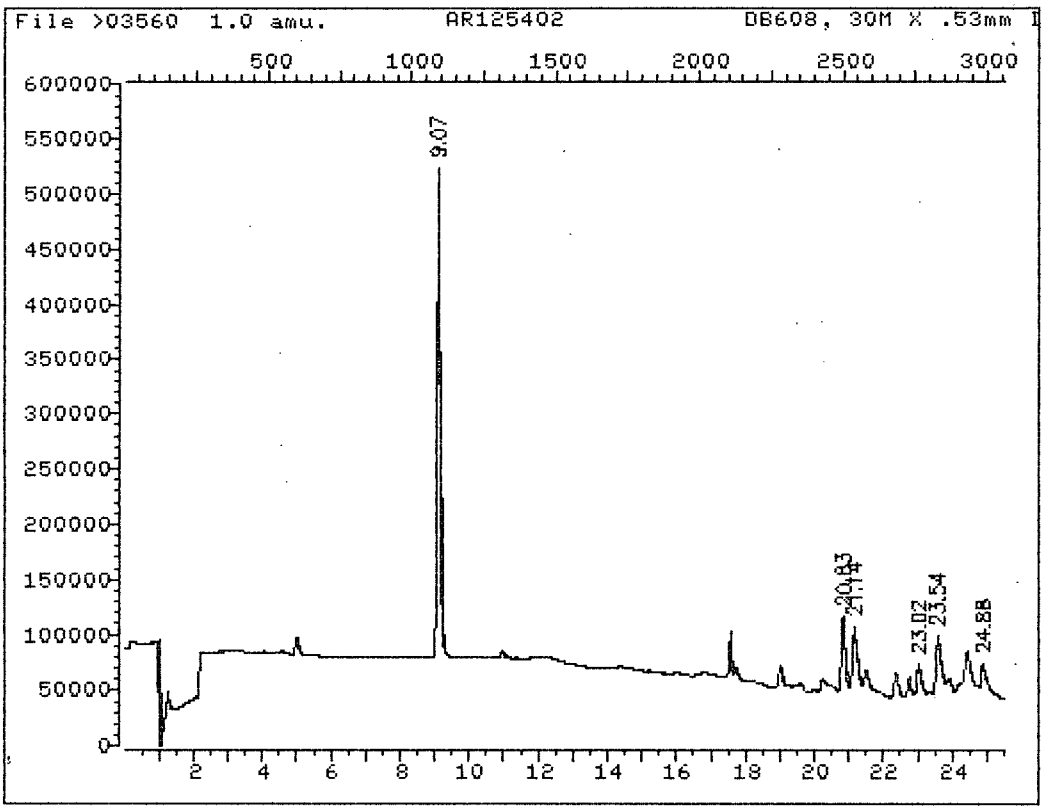
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960729 19:44
Output File: ^03560::GQ Injected at: 960729 18:51
Data File: >03560::G2 Dilution Factor: 1.00000
Name: AR125402 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2550715	19.82	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.66	4999	2578974	21.65	ng/ml	100
28)	#Aroclor-1254(1)	0.100	20.83	2500	474343	96.72	ng/ml	100
51)	#Aroclor-1254(2)	0.100	21.14	2537	522693	89.68	ng/ml	100
52)	#Aroclor-1254(3)	0.100	23.02	2762	222630	74.00	ng/ml	100
53)	#Aroclor-1254(4)	0.100	23.54	2825	562884	90.42	ng/ml	100
54)	#Aroclor-1254(5)	0.100	24.88	2985	305091	84.24	ng/ml	100

Compound uses ESTD

EPuce
8/8/96

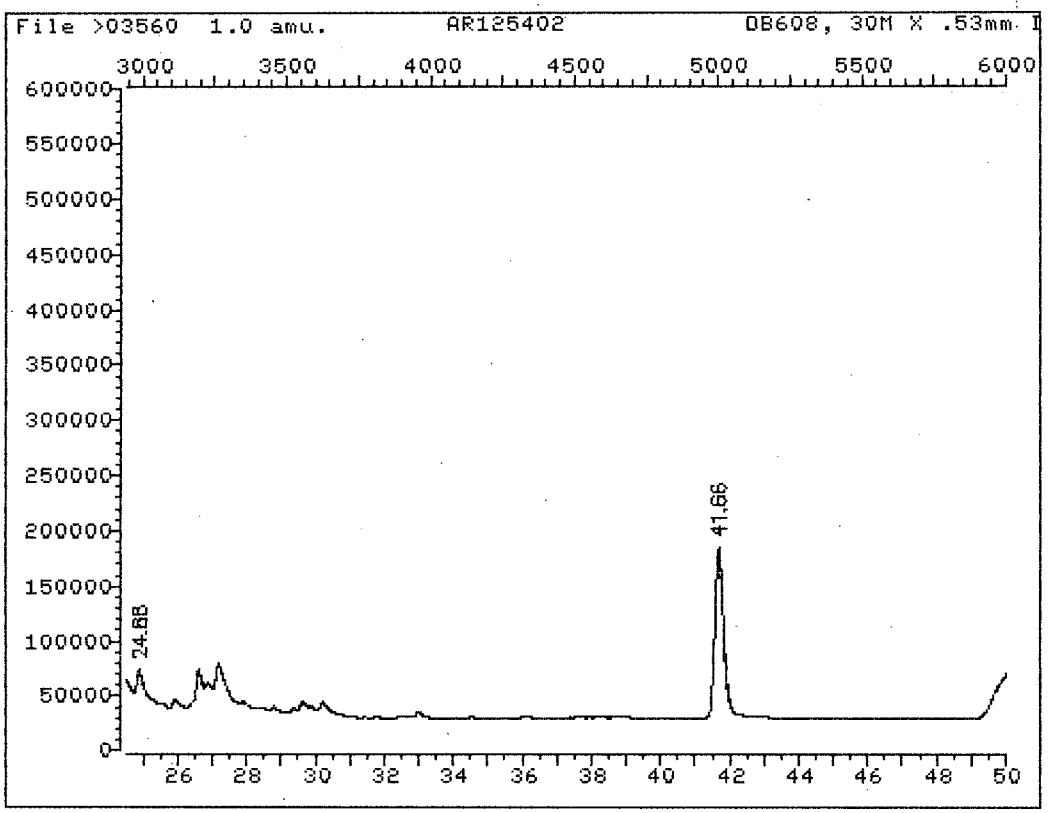


Data File: >03560::G2 Quant Output File: ^03560::GQ
Name: AR125402 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960729 19:44
Injected at: 960729 18:51

Page 1 of 2



Data File: >03560::G2 Quant Output File: ^03560::GQ
Name: AR125402 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960729 19:44
Injected at: 960729 18:51

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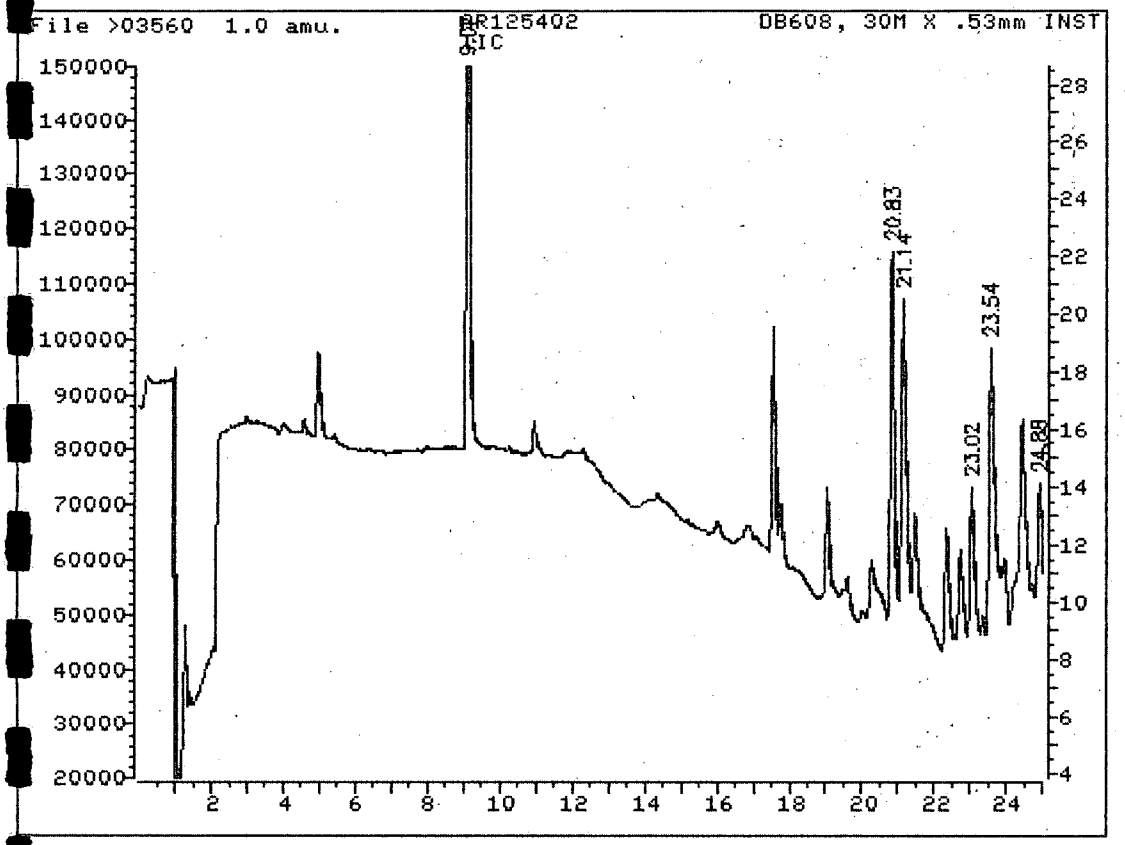
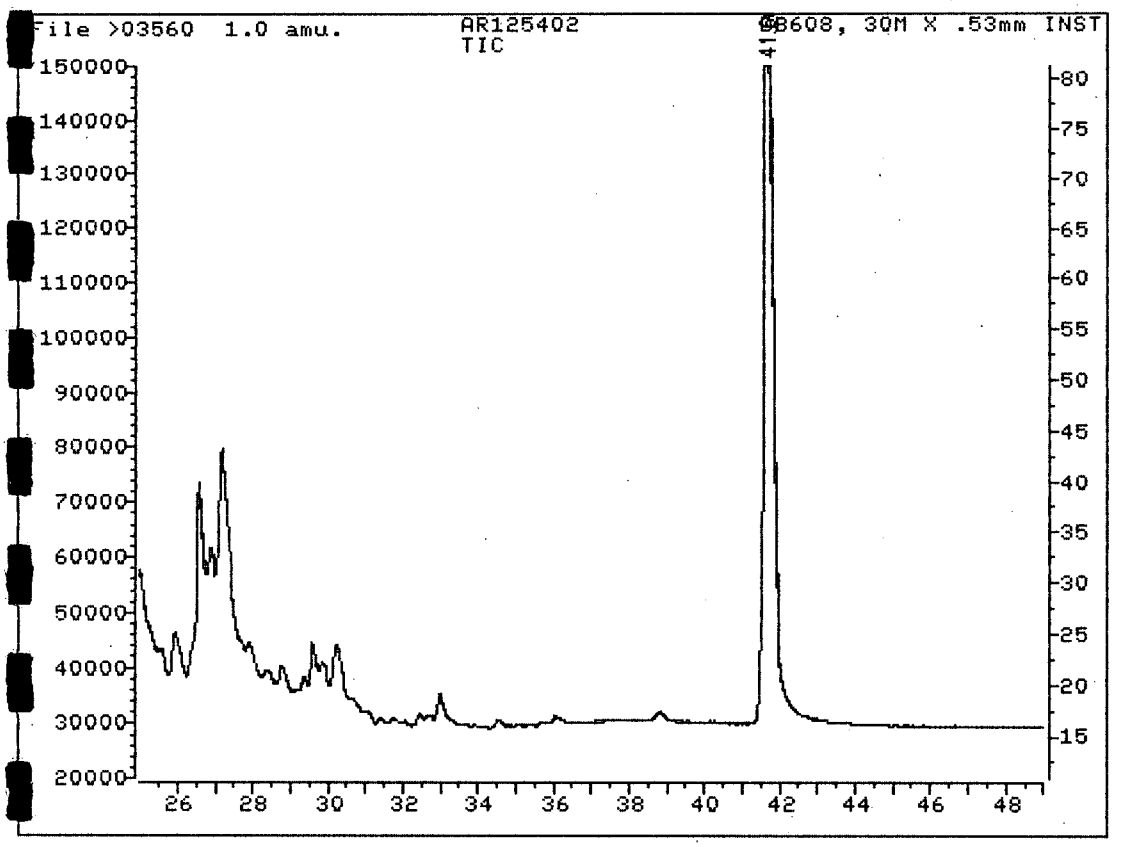


MS data file header from : >03560::G2

Sample: AR125402 Operator: TRFI2 7/29/96 18:51
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03560::G2

Sample: AR125402 Operator: TRFI2 7/29/96 18:51
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

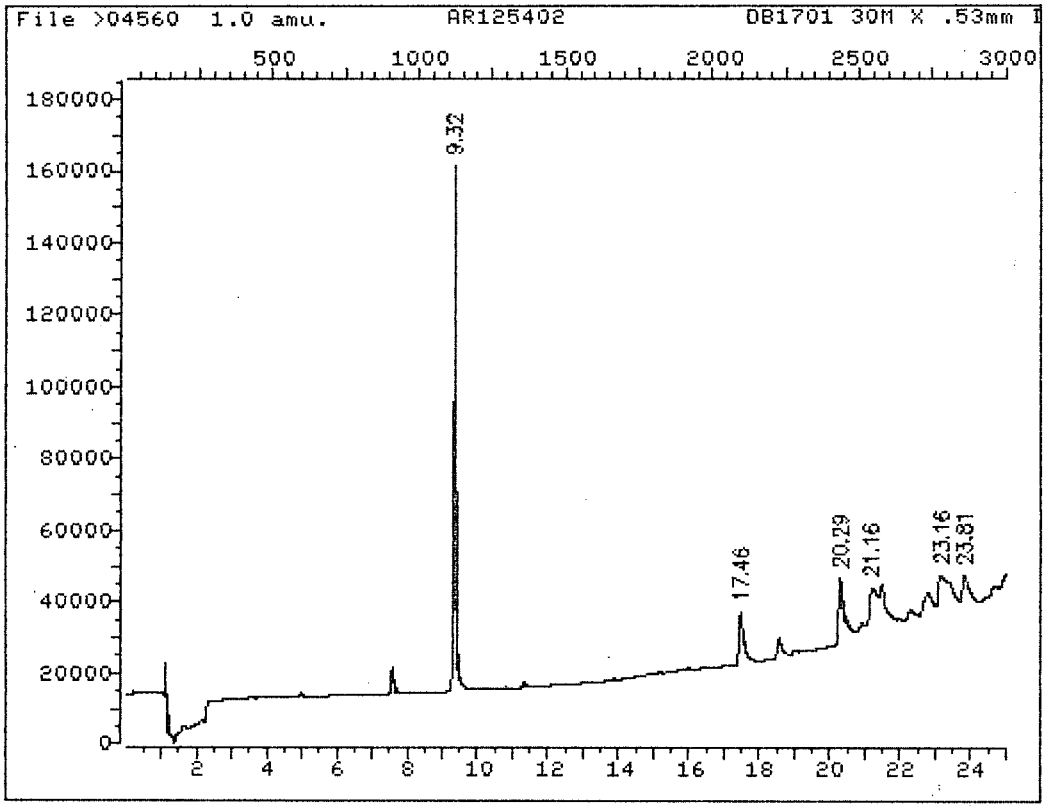
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960729 19:42
Output File: ^04560::GQ Injected at: 960729 18:51
Data File: >04560::G5 Dilution Factor: 1.00000
Name: AR125402 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	830498	18.67	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.74	4649	929720	19.77	ng/ml	100
28)	#Aroclor-1254(1)	0.000	17.46	2095	156041	97.29	ng/ml	100
51)	#Aroclor-1254(2)	0.100	20.29	2435	151540	75.77	ng/ml	100
52)	#Aroclor-1254(3)	0.100	21.16	2539	152482M	91.15	ng/ml	100
53)	#Aroclor-1254(4)	0.100	23.16	2779	225250	93.06	ng/ml	100
54)	#Aroclor-1254(5)	0.100	23.81	2857	90458	61.50	ng/ml	100

Compound uses ESTD

E Price
8/8/94

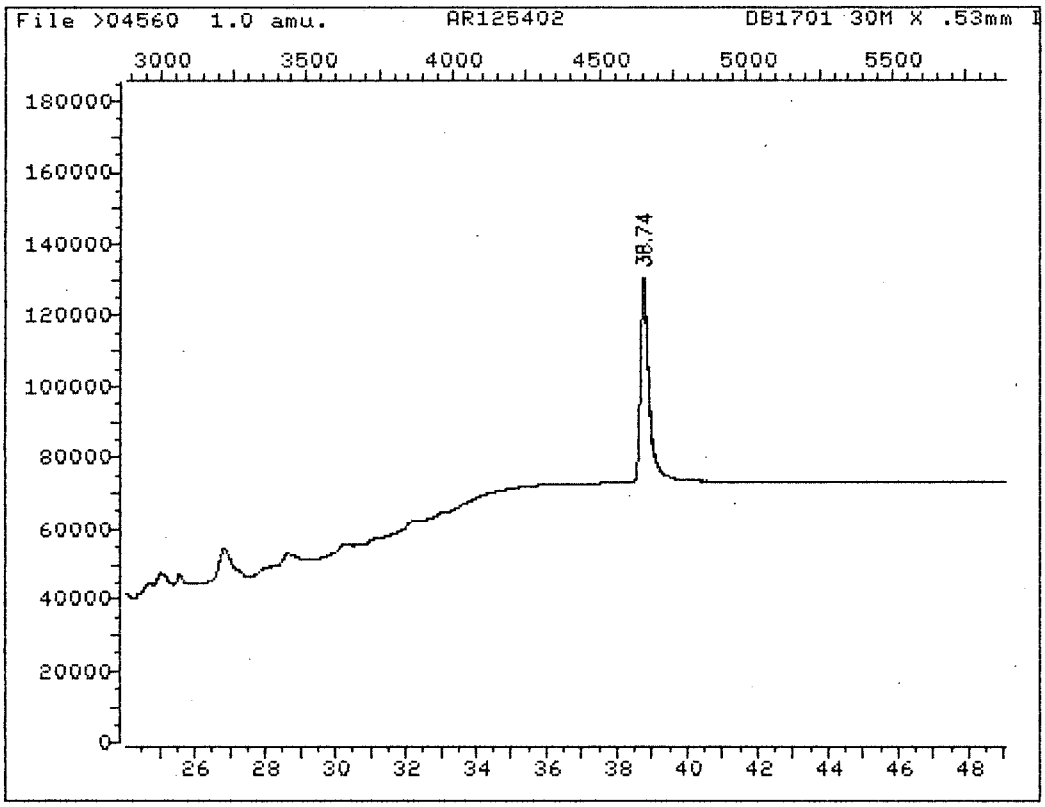


Data File: >04560::G5 Quant Output File: ^04560::GQ
Name: AR125402 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960729 19:42
Injected at: 960729 18:51

Page 1 of 2



Data File: >04560::G5 Quant Output File: ^04560::GQ
Name: AR125402 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960729 19:42
Injected at: 960729 18:51

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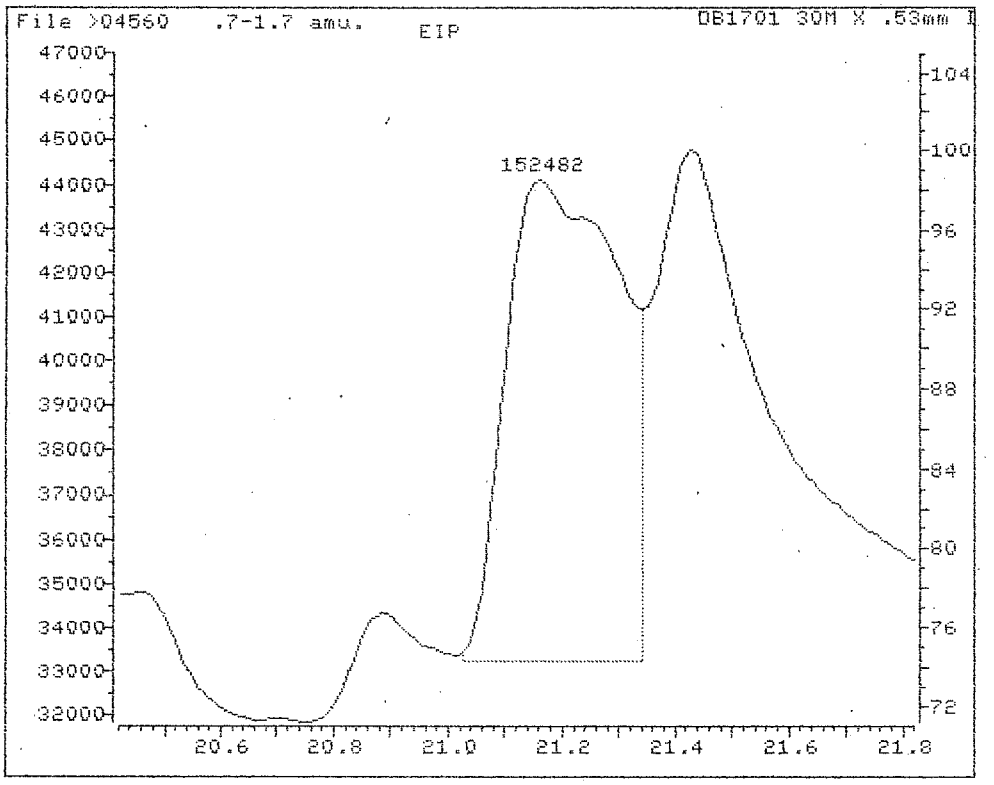
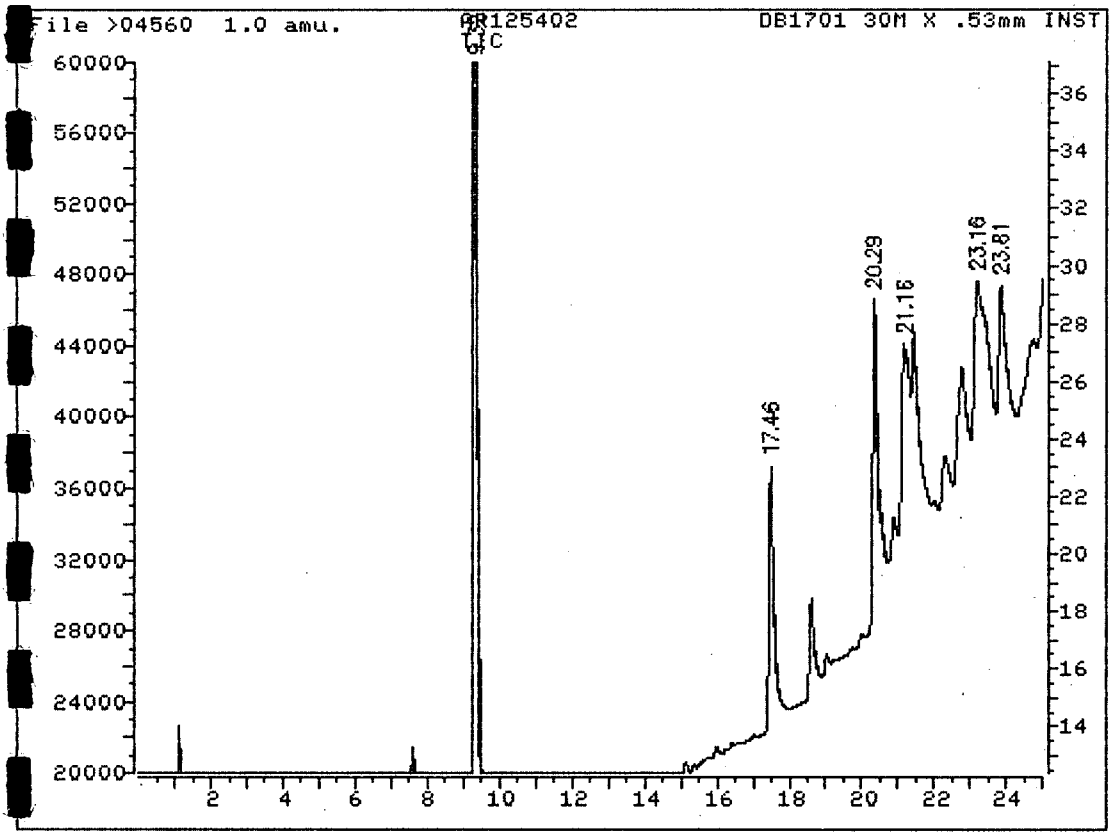


Data File: >04560::GS Quant Output File: ^04560::GQ
Name: Instrument ID: GC04
Misc: DB1701 30M X .53mm°INST 58903, 1ul INJ
Quant Time: 960729 19:42 Quant ID File: IDCAP2::SC
Injected at: 960729 18:51 Last Calibration: 941029 10:07

Compound No: 52
Compound Name: Aroclor-1254(3)
Scan Number: 2539
Retention Time: 21.16 min.
Quant Ion: 1.0
Area: 152482M
Concentration: 91.15 ng/ml
q-value: 100

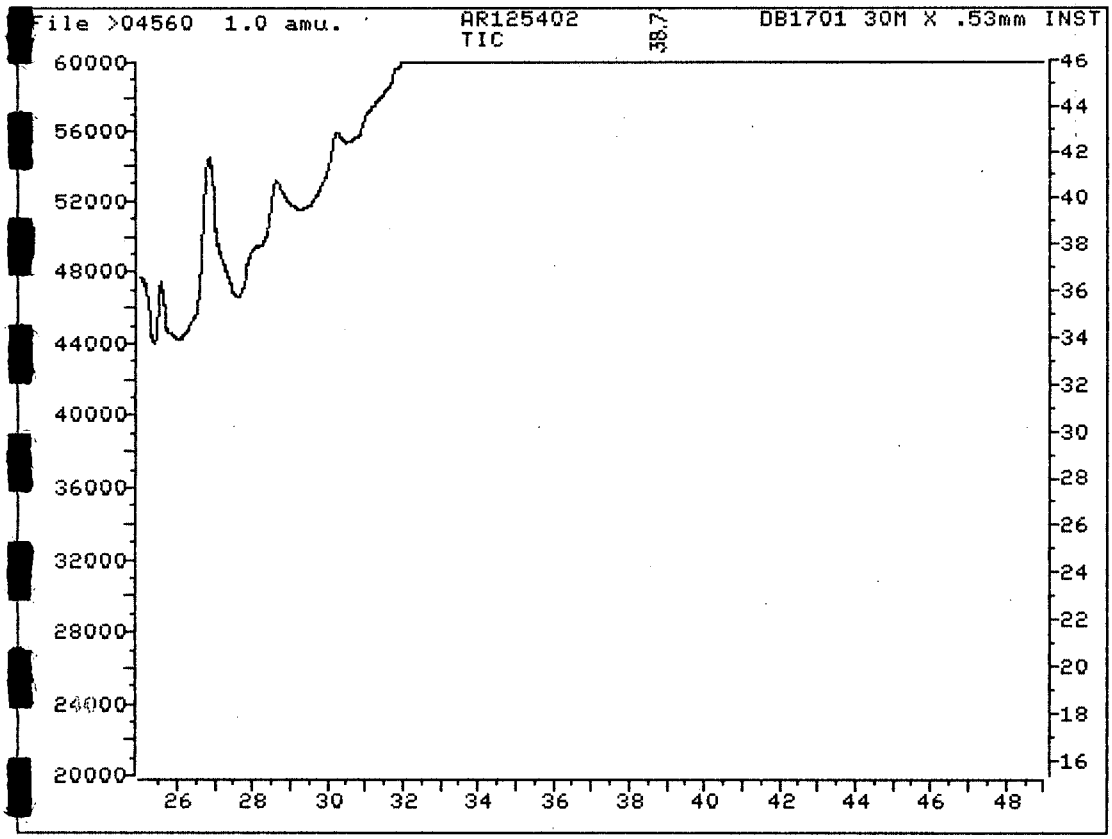
This report was produced by QAREA on: 960730 08:41



MS data file header from : >04560::G5

Sample: AR125402 Operator: TRFI2 7/29/96 18:51
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04560::G5

Sample: AR125402 Operator: TRFI2 7/29/96 18:51
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

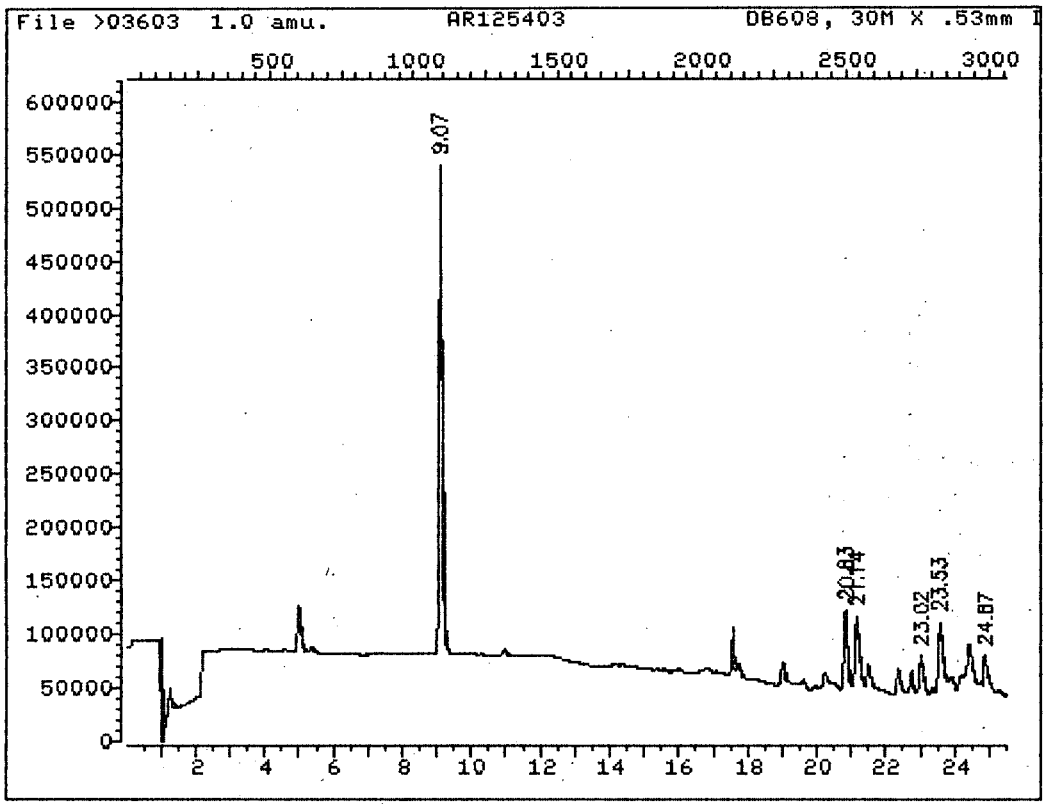
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960813 09:37
Output File: ^03603::F3 Injected at: 960801 00:55
Data File: >03603::G4 Dilution Factor: 1.00000
Name: AR125403 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2631408	20.45	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.66	4999	2598885	21.82	ng/ml	100
28)	#Aroclor-1254(1)	0.100	20.83	2500	493857	100.70	ng/ml	100
51)	#Aroclor-1254(2)	0.100	21.14	2537	568441	97.53	ng/ml	100
52)	#Aroclor-1254(3)	0.100	23.02	2762	267907	89.05	ng/ml	100
53)	#Aroclor-1254(4)	0.100	23.53	2824	614811	98.76	ng/ml	100
54)	#Aroclor-1254(5)	0.100	24.87	2984	345743	95.46	ng/ml	100

Compound uses ESTD

EPrice
8/13/96



Data File: >03603::G4 Quant Output File: ^03603::F3
Name: AR125403 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:37
Injected at: 960801 00:55

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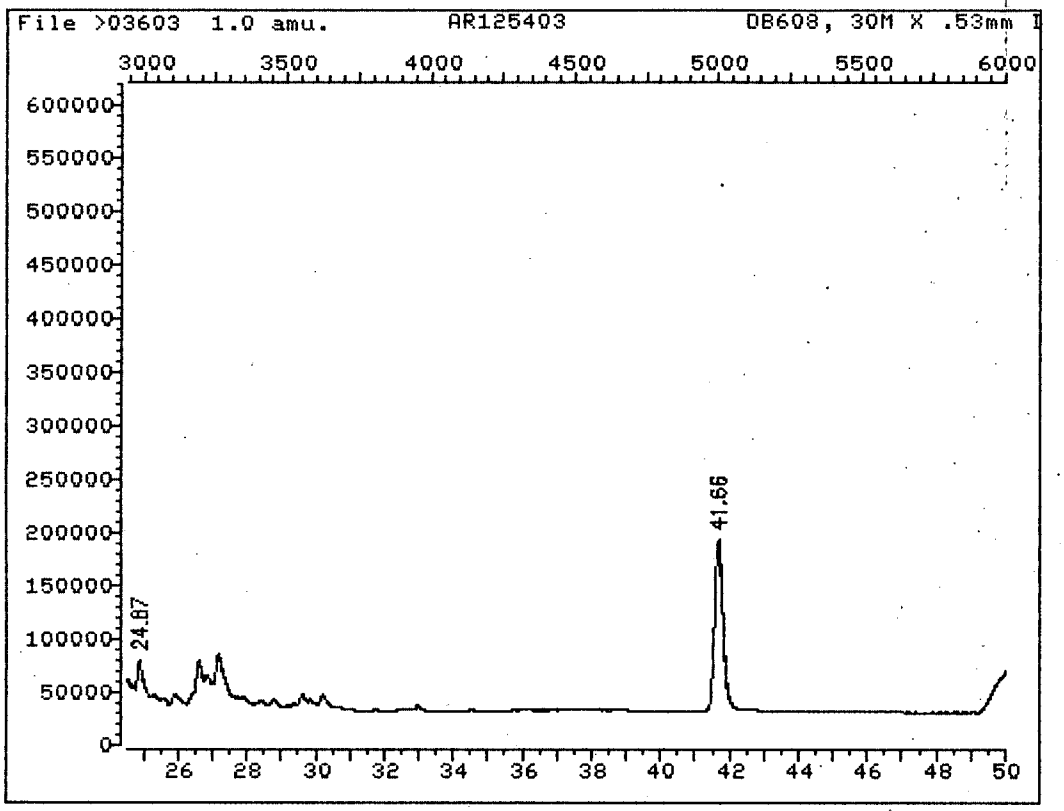

Data File: >03603::G4 Quant Output File: ^03603::F3
Name: AR125403 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:37
Injected at: 960801 00:55

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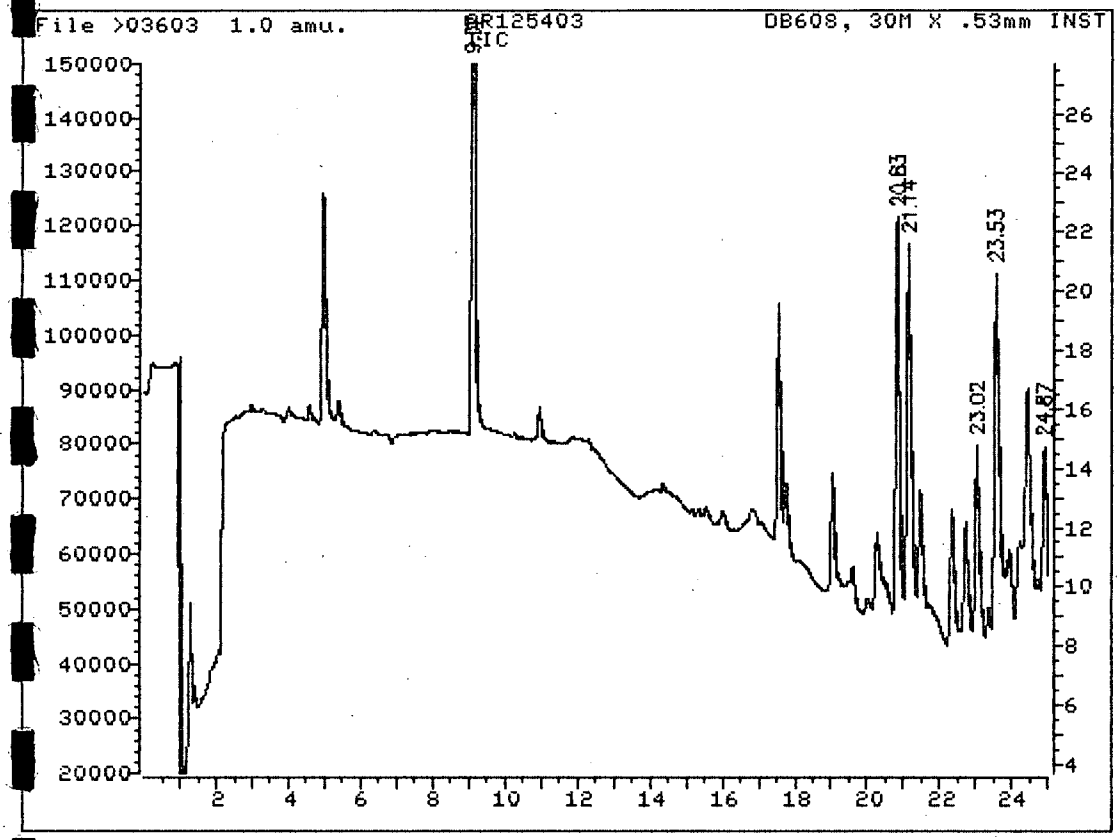
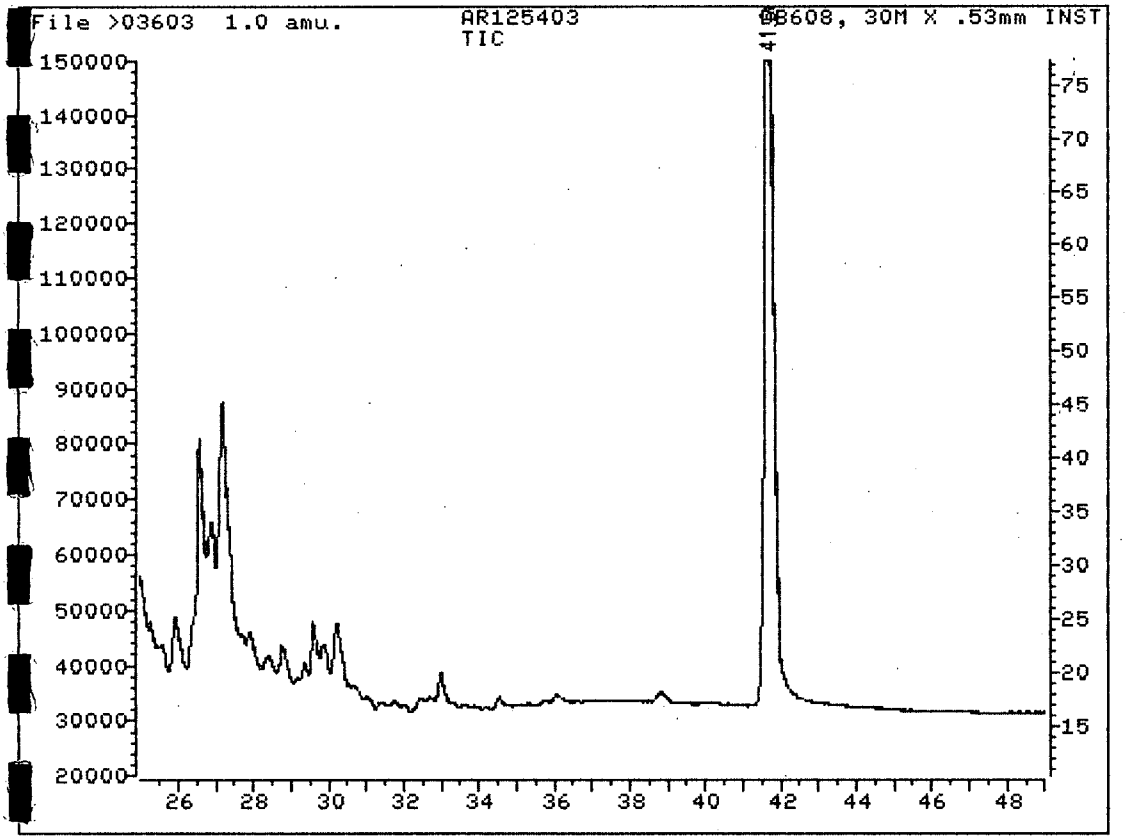


MS data file header from : >03603::G4

Sample: AR125403 Operator: TRFI2 8/01/96 0:55
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03603::G4

Sample: AR125403 Operator: TRFI2 8/01/96 0:55
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

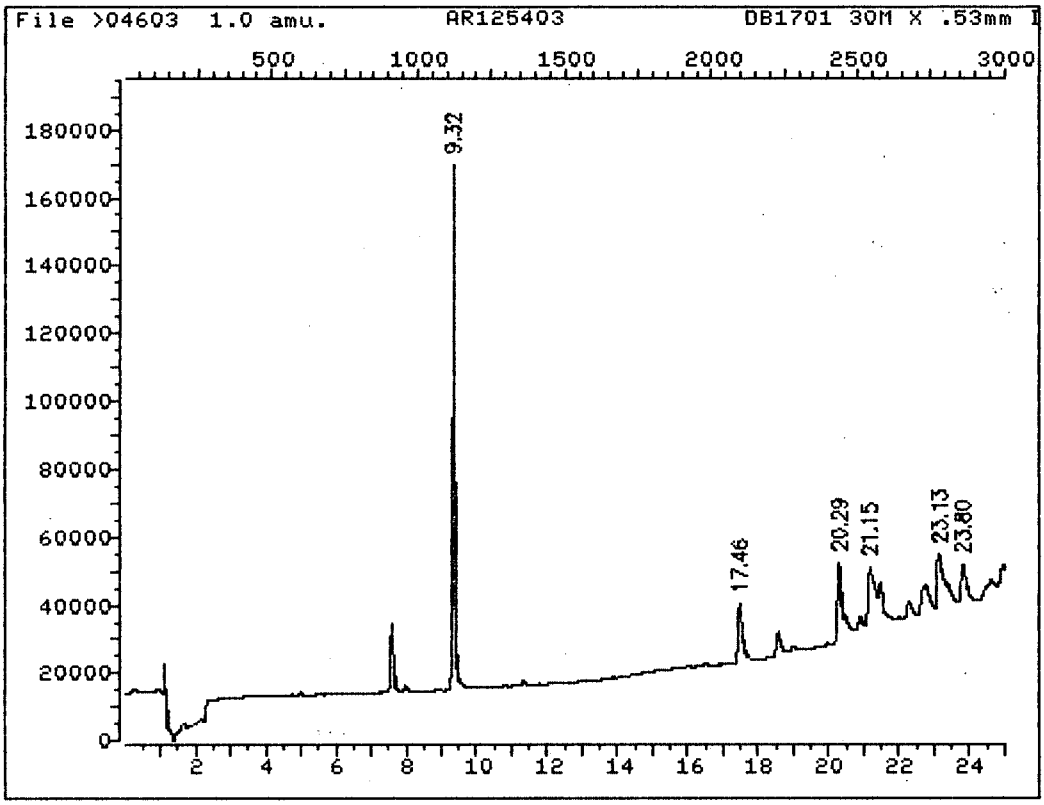
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960813 09:49
Output File: ^04603::F3 Injected at: 960801 00:55
Data File: >04603::G5 Dilution Factor: 1.00000
Name: AR125403 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	875852	19.69	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.73	4647	952045	20.25	ng/ml	100
28)	#Aroclor-1254(1)	0.100	17.46	2095	164728	102.71	ng/ml	100
51)	#Aroclor-1254(2)	0.100	20.29	2435	174274	87.14	ng/ml	100
52)	#Aroclor-1254(3)	0.100	21.15	2538	213843	127.83	ng/ml	100
53)	#Aroclor-1254(4)	0.100	23.13	2776	201329	83.17	ng/ml	100
54)	#Aroclor-1254(5)	0.100	23.80	2856	118384	80.49	ng/ml	100

Compound uses ESTD

EPrice
8/13/96

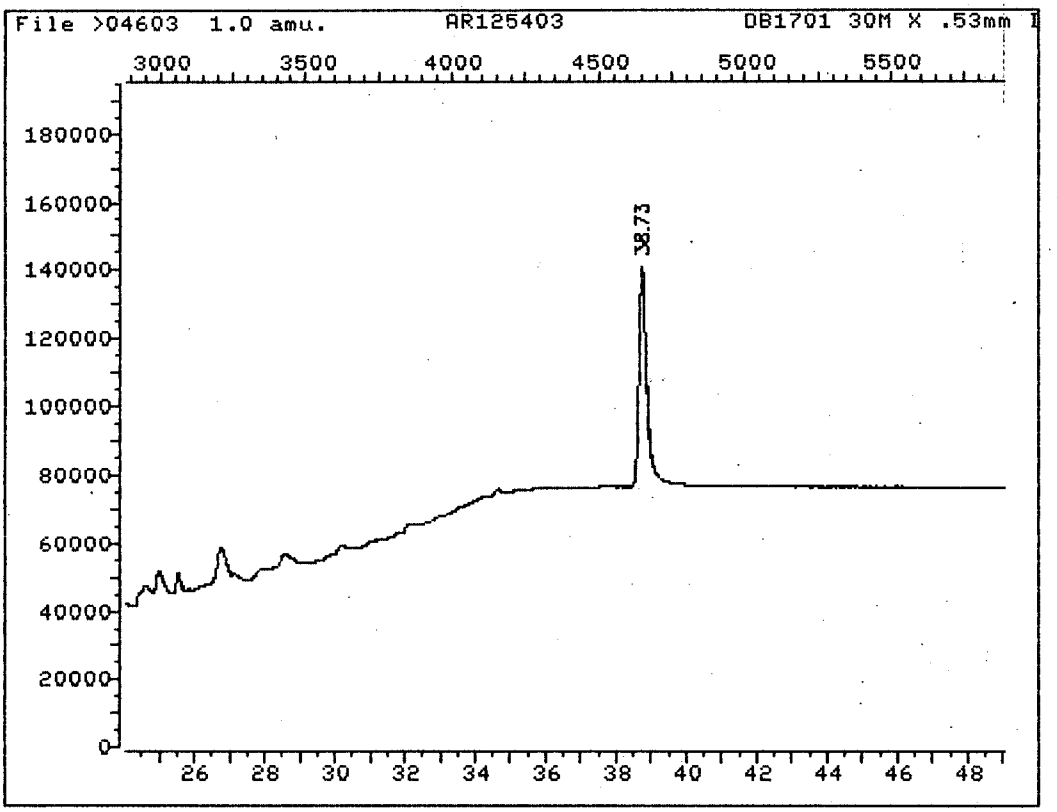


Data File: >04603::G5 Quant Output File: ^04603::F3
Name: AR125403 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:49
Injected at: 960801 00:55

Page 1 of 2



Data File: >04603::G5 Quant Output File: ^04603::F3
Name: AR125403 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960813 09:49
Injected at: 960801 00:55

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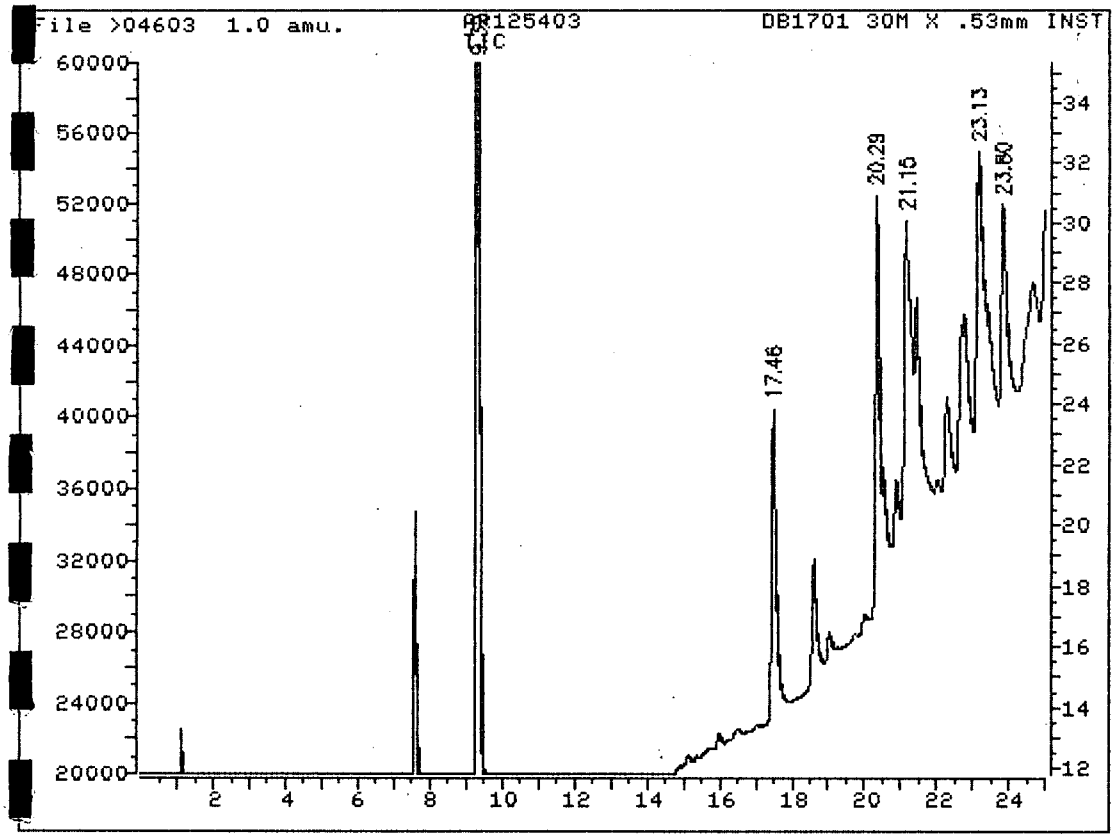
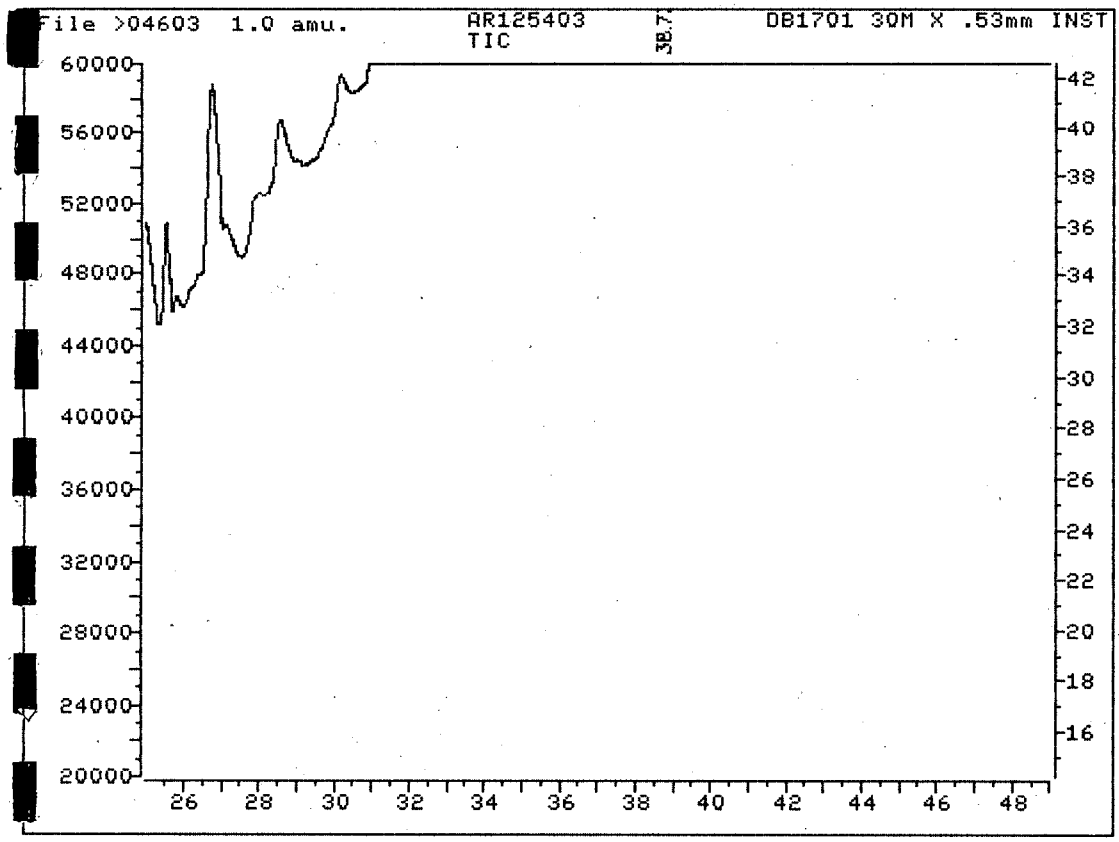


MS data file header from : >04603::G5

Sample: AR125403 Operator: TRFI2 8/01/96 0:55
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04603::G5

Sample: AR125403 Operator: TRFI2 8/01/96 0:55
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK72

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Matrix: (soil/water) SOIL Lab Sample ID: PBLK72

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 03525

% Moisture: 15. decanted: (Y/N) N Date Received: 00/00/00

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/23/96

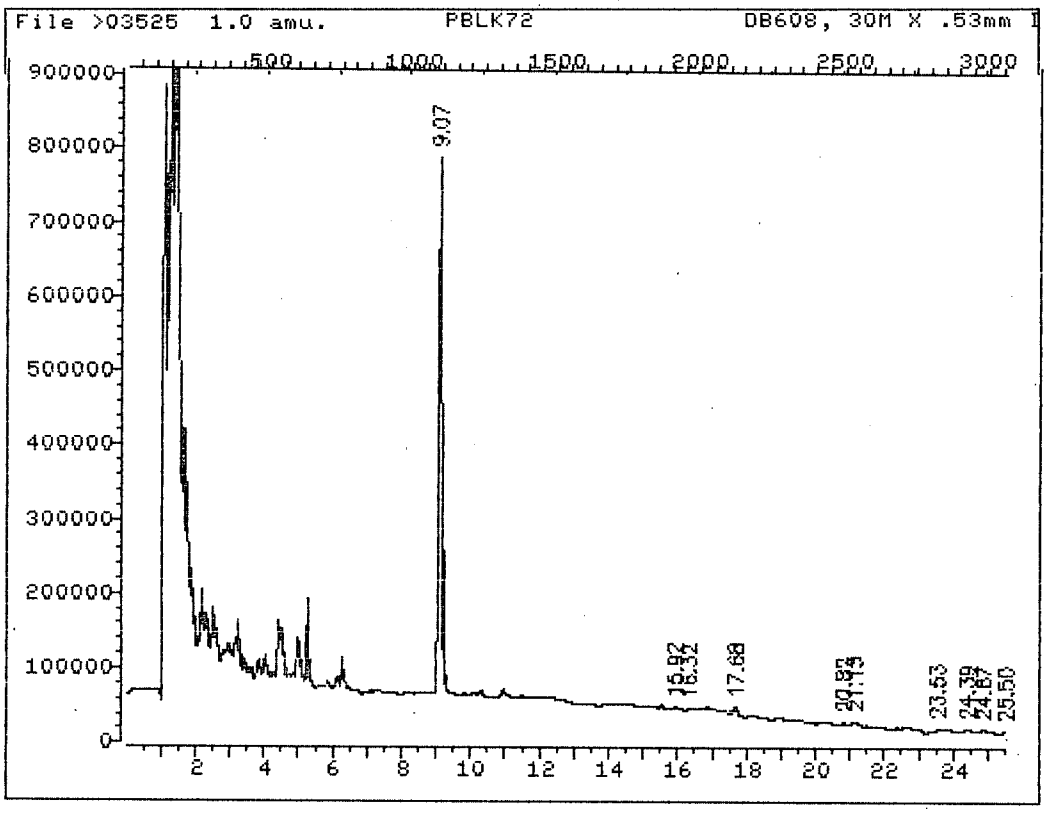
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/27/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan Sulfate	3.9	U
50-29-3	4,4'-DDT	3.9	U
72-43-5	Methoxychlor	20.	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200.	U
12674-11-2	Aroclor-1016	39.	U
11104-28-2	Aroclor-1221	79.	U
11141-16-5	Aroclor-1232	39.	U
53469-21-9	Aroclor-1242	39.	U
12672-29-6	Aroclor-1248	39.	U
11097-69-1	Aroclor-1254	39.	U
11096-82-5	Aroclor-1260	39.	U

Blanks



Data File: >03525::G2 Quant Output File: ^03525::GQ
Name: PBLK72 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 18:27
Injected at: 960727 17:34

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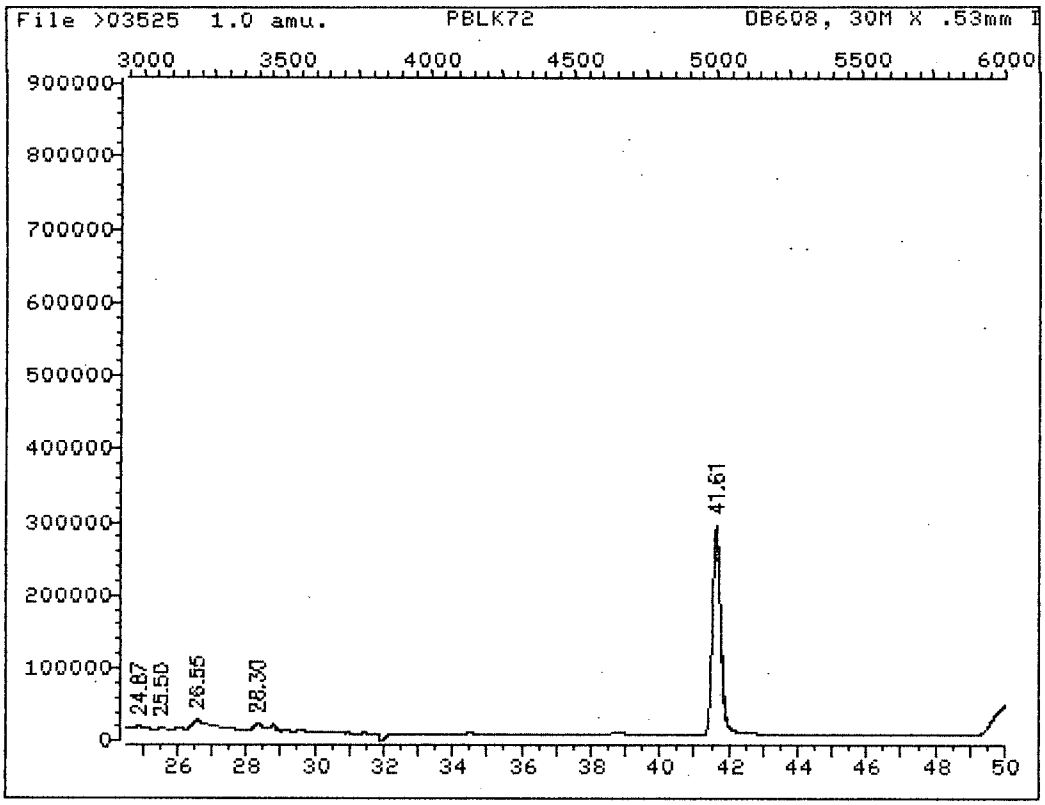

Data File: >03525::G2 Quant Output File: ^03525::GQ
Name: PBLK72 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 18:27
Injected at: 960727 17:34

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QUANT REPORT

Operator ID: TREI2
Output File: >03525::GQ
Data File: >03525::G2
Name: PBLK72
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

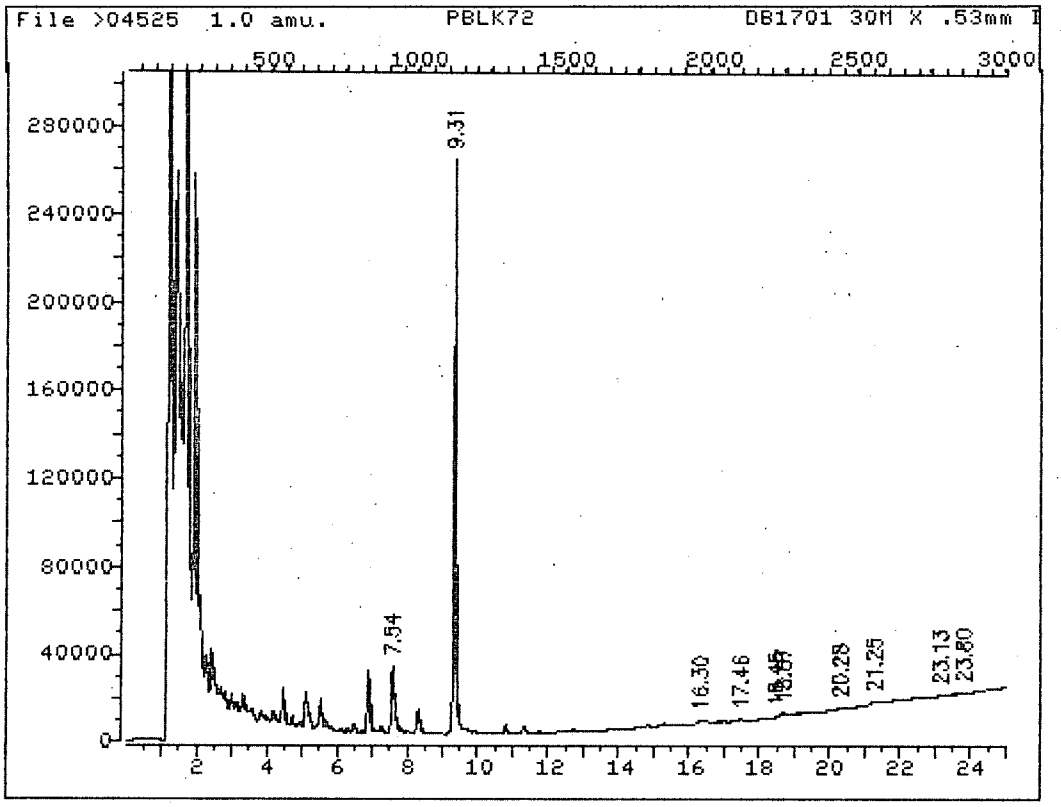
Quant Rev: 7
Quant Time: 960727 18:27
Injected at: 960727 17:34
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.07	1088	4160762	32.34	ng/ml	100
4)	~~#delta-BHC~~	16.32	1958	9554	.0729	ng/ml	100
6)	~~#Heptachlor~~	15.92	1910	20699	.179	ng/ml	100
12)	~~#Endrin~~ NT	24.87	2984	110760	1.24	ng/ml	100
14)	~~#4,4'-DDD~~	25.50	3060	52133	.854	ng/ml	100
15)	~~#Endosulfan Sulfate~~	28.30	3396	119889	1.34	ng/ml	100
19)	#Decachlorobiphenyl	41.61	4993	4488849	37.68	ng/ml	100
21)	~~#gamma Chlordane~~ NT	20.82	2498	27302	.215	ng/ml	100
22)	~~#Toxaphene(1)~~ NP	23.53	2824	35679	21.75	ng/ml	100
27)	~~#Aroclor-1248(1)~~ NP	15.92	1910	20699	2.81	ng/ml	100
28)	~~#Aroclor-1254(1)~~ NP	20.82	2498	24825	5.06	ng/ml	100
29)	~~#Aroclor-1260(1)~~ NP	24.39	2927	41988	6.75	ng/ml	100
32)	~~#Toxaphene(3)~~ NP	28.30	3396	119889	55.89	ng/ml	100
35)	~~#Aroclor-1016(3)~~ NP	15.92	1910	20699	1.86	ng/ml	100
41)	~~#Aroclor-1232(3)~~ NP	15.92	1910	20699	4.53	ng/ml	100
44)	~~#Aroclor-1242(3)~~ NP	15.92	1910	20699	2.35	ng/ml	100
47)	~~#Aroclor-1248(2)~~ NP	17.68	2122	94807	30.37	ng/ml	100
51)	~~#Aroclor-1254(2)~~ NP	21.13	2535	59079	10.14	ng/ml	100
53)	~~#Aroclor-1254(4)~~ NP	23.53	2824	35679	5.73	ng/ml	100
54)	~~#Aroclor-1254(5)~~ NP	24.87	2984	110760	30.58	ng/ml	100
55)	~~#Aroclor-1260(2)~~ NP	24.87	2984	110760	15.84	ng/ml	100
56)	~~#Aroclor-1260(3)~~ NP	26.55	3186	264911	38.72	ng/ml	100

Compound uses ESTD

EPrice
8/6/96



Data File: >04525::G5 Quant Output File: ^04525::GQ
Name: PBLK72 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 18:25
Injected at: 960727 17:34

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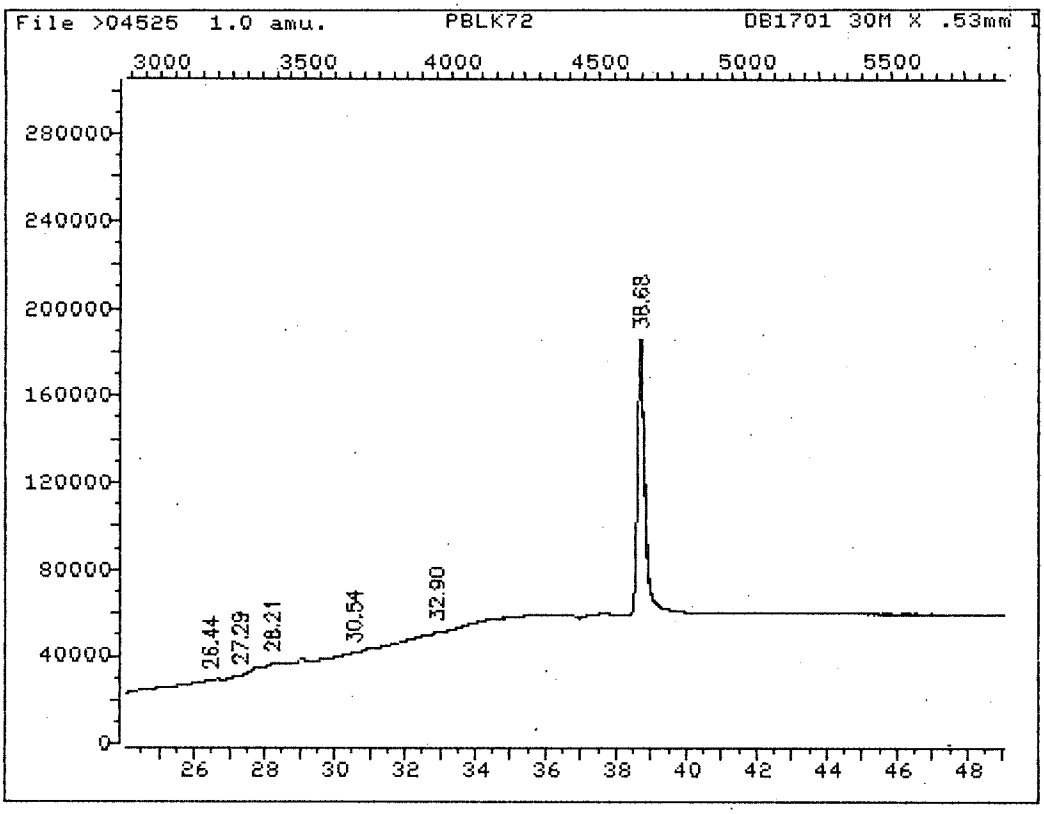

Data File: >04525::G5 Quant Output File: ^04525::GQ
Name: PBLK72 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 18:25
Injected at: 960727 17:34

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960727 18:25
Output File: ^04525::GQ Injected at: 960727 17:34
Data File: >04525::G5 Dilution Factor: 1.00000
Name: PBLK72 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.31	1117	1430401	32.15	ng/ml	100
3)	~~#beta-BHC~~	18.67	2240	12197	.479	ng/ml	100
6)	~~#Heptachlo~~r	16.30	1956	15594	.326	ng/ml	100
7)	~~#Aldrin~~	17.46	2095	8474	.219	ng/ml	100
14)	~~#4,4' DDD~~	26.44	3172	7056	.373	ng/ml	100
15)	~~#Endosulfan Sulfate~~ NT	30.54	3665	49659	1.83	ng/ml	100
16)	~~#4,4' DDT~~	27.29	3274	34930	2.06	ng/ml	100
18)	~~#Endrin ketone~~	32.90	3948	12352	.374	ng/ml	100
19)	#Decachlorobiphenyl	38.68	4642	1745147	37.12	ng/ml	100
24)	~~#Aroclor-1221(1)~~ ND	7.54	905	187413	175.81	ng/ml	100
25)	~~#Aroclor-1232(1)~~ ND	7.54	905	187413	106.48	ng/ml	100
28)	~~#Aroclor-1254(1)~~ ND	17.46	2095	8474	5.28	ng/ml	100
29)	~~#Aroclor-1260(1)~~ ND	23.80	2856	9254	3.83	ng/ml	100
31)	~~#Toxaphene(2)~~ ND	28.21	3385	14083	20.42	ng/ml	100
32)	~~#Toxaphene(3)~~ ND	30.54	3665	49659	94.44	ng/ml	100
37)	~~#Aroclor-1016(5)~~ ND	18.45	2214	6111	3.09	ng/ml	100
46)	~~#Aroclor-1242(5)~~ ND	17.46	2095	8474	10.31	ng/ml	100
48)	~~#Aroclor-1248(3)~~ ND	18.45	2214	6111	2.73	ng/ml	100
50)	~~#Aroclor-1248(5)~~ ND	20.28	2434	9379	10.30	ng/ml	100
51)	~~#Aroclor-1254(2)~~ ND	20.28	2434	9379	4.69	ng/ml	100
52)	~~#Aroclor-1254(3)~~ ND	21.25	2550	18560	11.10	ng/ml	100
53)	~~#Aroclor-1254(4)~~ ND	23.13	2776	8445	3.49	ng/ml	100
54)	~~#Aroclor-1254(5)~~ ND	23.80	2856	9254	6.29	ng/ml	100

Compound uses ESTD

EPrice
8/6/96

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK73

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Matrix: (soil/water) WATER Lab Sample ID: PBLK73

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 03521

% Moisture: _____ decanted: (Y/N)___ Date Received: 00/00/00

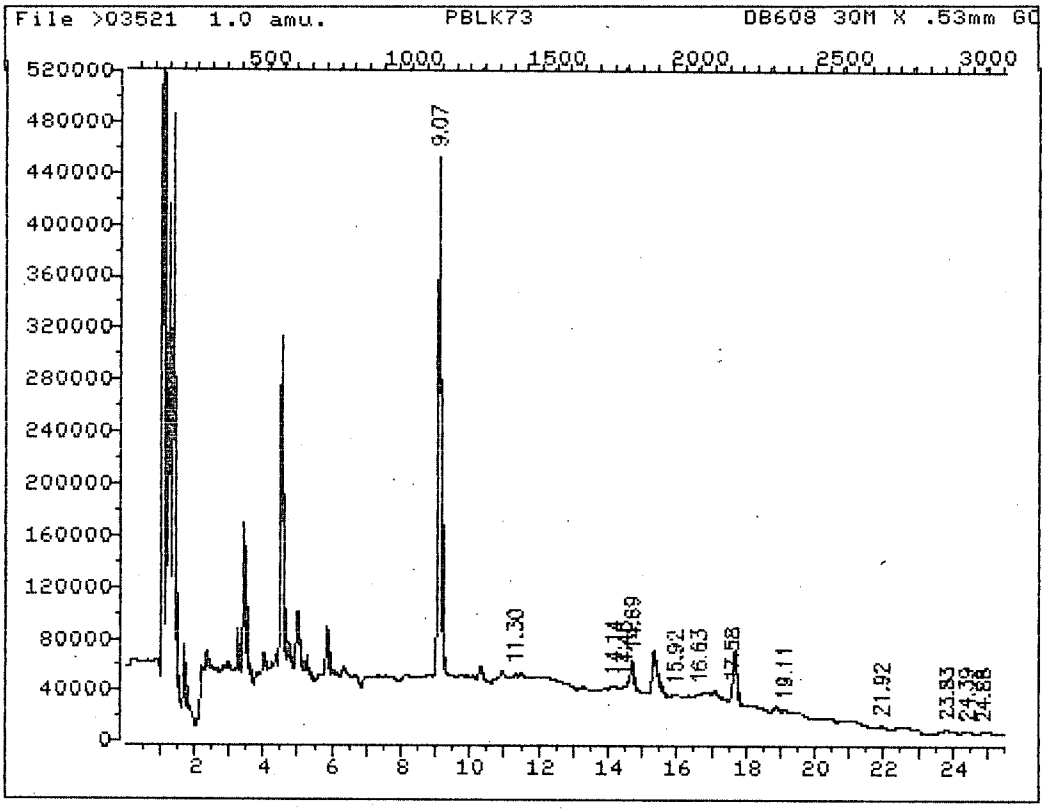
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/22/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/27/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	.050	U
319-85-7	beta-BHC	.050	U
319-86-8	delta-BHC	.050	U
58-89-9	gamma-BHC (Lindane)	.050	U
76-44-8	Heptachlor	.050	U
309-00-2	Aldrin	.050	U
1024-57-3	Heptachlor epoxide	.050	U
959-98-8	Endosulfan I	.050	U
60-57-1	Dieldrin	.10	U
72-55-9	4,4'-DDE	.10	U
72-20-8	Endrin	.10	U
33213-65-9	Endosulfan II	.10	U
72-54-8	4,4'-DDD	.10	U
1031-07-8	Endosulfan Sulfate	.10	U
50-29-3	4,4'-DDT	.10	U
72-43-5	Methoxychlor	.50	U
53494-70-5	Endrin ketone	.10	U
7421-93-4	Endrin aldehyde	.10	U
5103-71-9	alpha-Chlordane	.050	U
5103-74-2	gamma-Chlordane	.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Data File: >03521::G2 Quant Output File: ^03521::GQ
Name: PBLK73 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 14:47
Injected at: 960727 13:55

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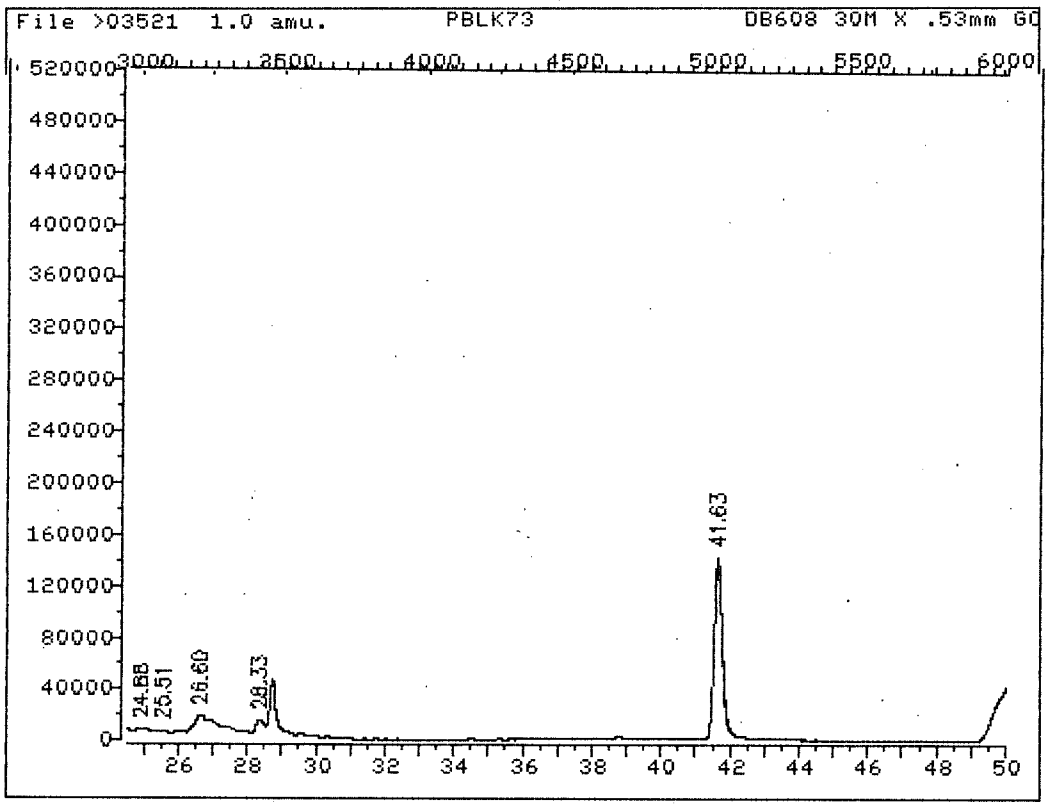

Data File: >03521::G2 Quant Output File: ^03521::GQ
Name: PBLK73 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 14:47
Injected at: 960727 13:55

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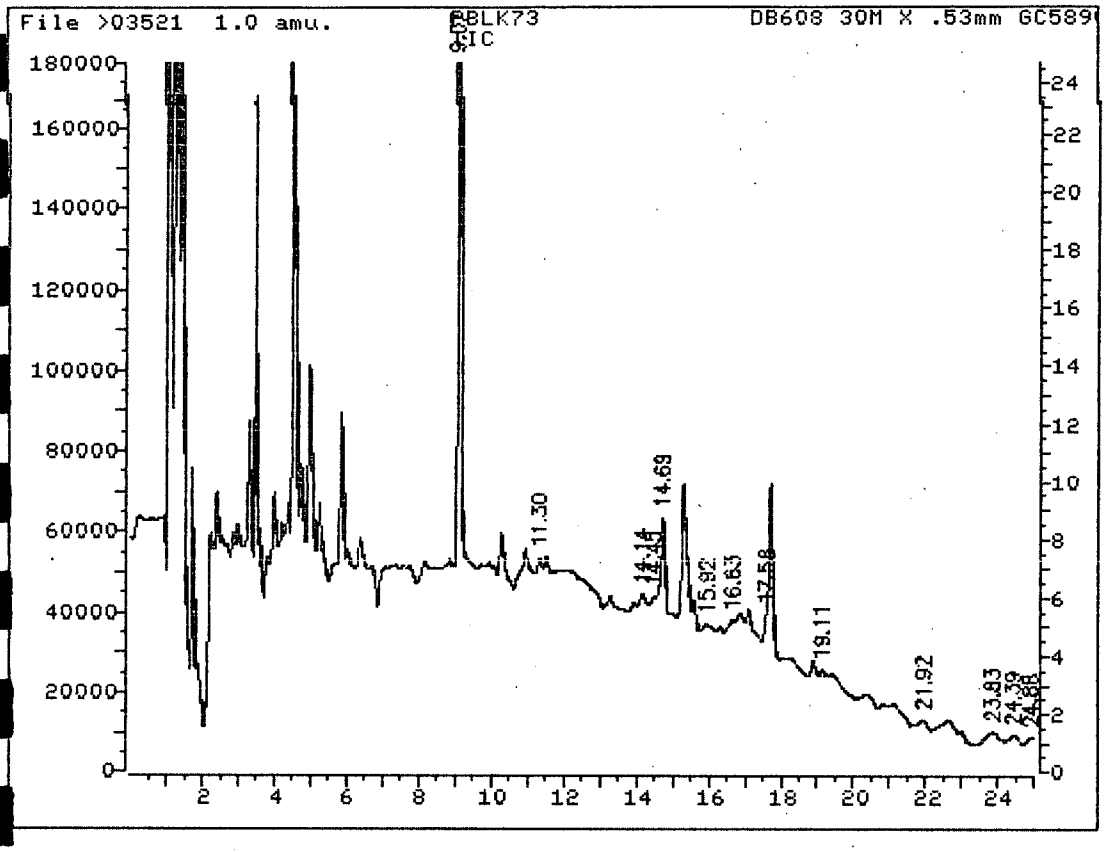
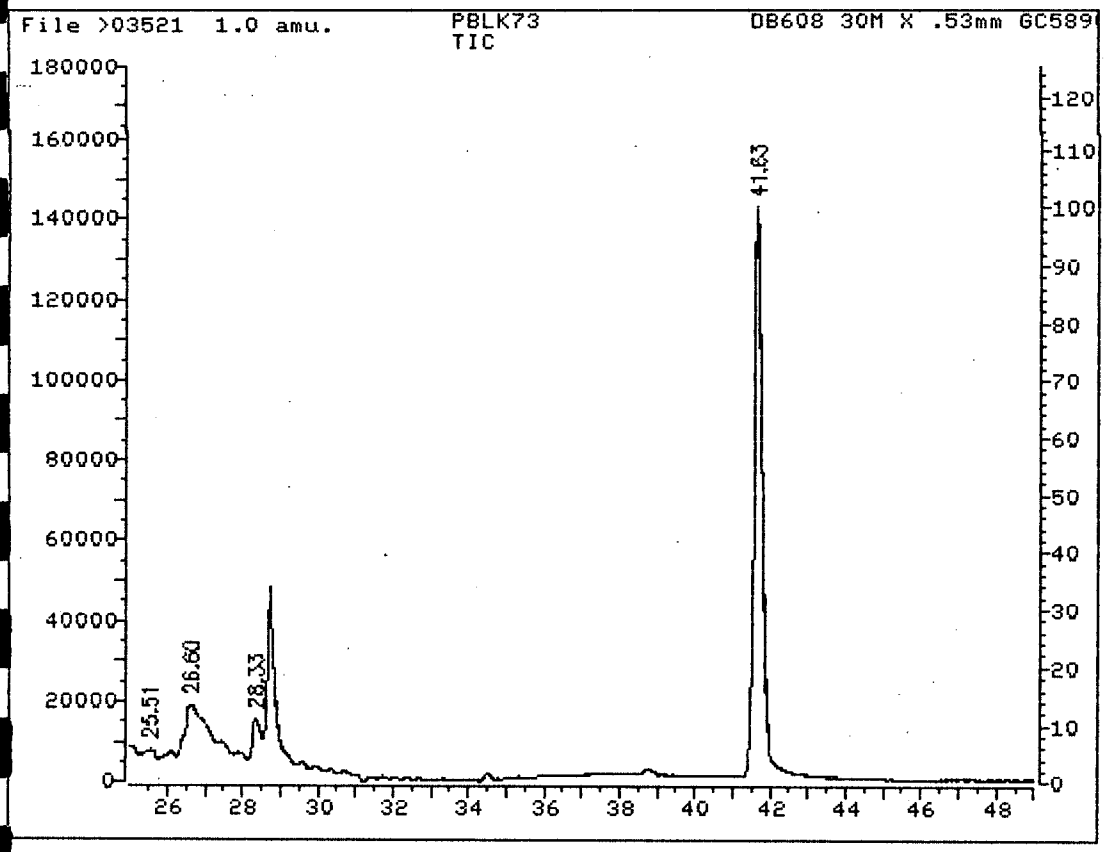


MS data file header from : >03521::G2

Sample: PBLK73 Operator: TRFI2 7/27/96 13:55
Misc : DB608 30M X .53mm GC58903 1ul inj
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03521::G2

Sample: PBLK73 Operator: TRFI2 7/27/96 13:55
Misc : DB608 30M X .53mm GC58903 1ul inj
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TREI2
Output File: 03521::GQ
Data File: >03521::G2
Name: PBLK73
Misc: DB608 30M X .53mm GC58903 1ul inj

Quant Rev: 7
Quant Time: 960727 14:47
Injected at: 960727 13:55
Dilution Factor: 1.00000
Instrument ID: GC03

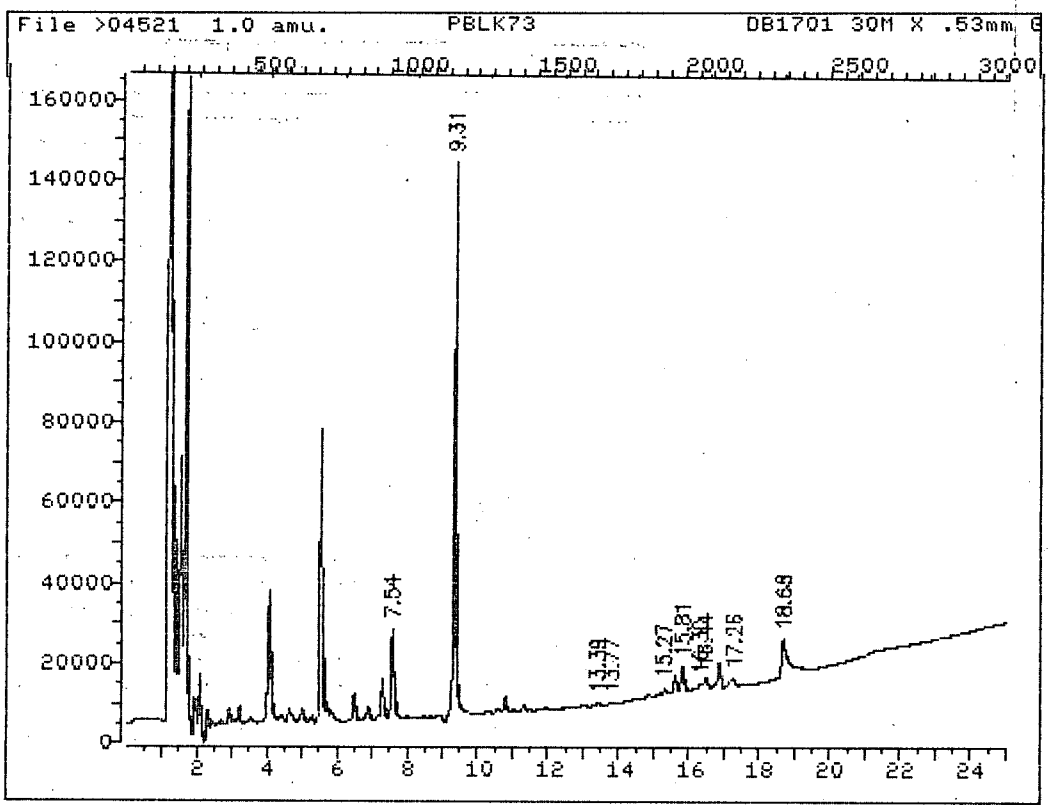
ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07

Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.07	1088	2288278	17.78	ng/ml	100
3)	~~#beta BHC~~	14.69	1763	190831	2.25	ng/ml	100
4)	~~#delta BHC~~	16.63	1996	29845	.228	ng/ml	100
5)	~~#gamma BHC (Lindane)~~	14.45	1734	33695	.239	ng/ml	100
6)	~~#Heptachlor~~	15.92	1911	14124	.122	ng/ml	100
12)	~~#Endrin~~ NT	24.88	2985	11575	.130	ng/ml	100
14)	~~#4,4'-DDD~~	25.51	3061	40374	.661	ng/ml	100
15)	~~#Endosulfan Sulfate~~	28.33	3399	147094	1.65	ng/ml	100
19)	#Decachlorobiphenyl	41.63	4995	2214906	18.59	ng/ml	100
22)	~~#Toxaphene(1)~~ NP	23.83	2859	41420	25.26	ng/ml	100
27)	~~#Aroclor-1248(1)~~ NP	15.92	1911	14124	1.92	ng/ml	100
29)	~~#Aroclor-1260(1)~~ NP	24.39	2927	10862	1.75	ng/ml	100
32)	~~#Toxaphene(3)~~ NP	28.33	3399	147094	68.57	ng/ml	100
34)	~~#Aroclor-1016(2)~~	14.14	1697	56314	9.56	ng/ml	100
35)	~~#Aroclor-1016(3)~~	15.92	1911	14124	1.27	ng/ml	100
36)	~~#Aroclor-1016(4)~~ NP	16.63	1996	25505	6.68	ng/ml	100
37)	~~#Aroclor-1016(5)~~	19.11	2293	8861	2.64	ng/ml	100
38)	~~#Aroclor-1221(2)~~ NP	11.30	1356	22263	13.91	ng/ml	100
40)	~~#Aroclor-1232(2)~~	14.14	1697	56314	22.07	ng/ml	100
41)	~~#Aroclor-1232(3)~~ NP	15.92	1911	14124	3.09	ng/ml	100
42)	~~#Aroclor-1232(4)~~	16.63	1996	25505	15.05	ng/ml	100
43)	~~#Aroclor-1242(2)~~	14.14	1697	56314	12.38	ng/ml	100
44)	~~#Aroclor-1242(3)~~	15.92	1911	14124	1.61	ng/ml	100
45)	~~#Aroclor-1242(4)~~ NP	16.63	1996	25505	7.64	ng/ml	100
46)	~~#Aroclor-1242(5)~~	19.11	2293	8861	3.09	ng/ml	100
47)	~~#Aroclor-1248(2)~~	17.58	2109	30180	9.67	ng/ml	100
48)	~~#Aroclor-1248(3)~~ NP	19.11	2293	8861	2.29	ng/ml	100
50)	~~#Aroclor-1248(5)~~	21.92	2630	6747	1.65	ng/ml	100
54)	~~#Aroclor-1254(5)~~ NP	24.88	2985	11575	3.20	ng/ml	100
55)	~~#Aroclor-1260(2)~~ NP	24.88	2985	11575	1.66	ng/ml	100
56)	~~#Aroclor-1260(3)~~ NP	26.60	3192	179174	26.19	ng/ml	100

Compound uses ESTD

EPrice
8/6/96



Data File: >04521::G5 Quant Output File: ^04521::GQ
Name: PBLK73 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 14:45
Injected at: 960727 13:55

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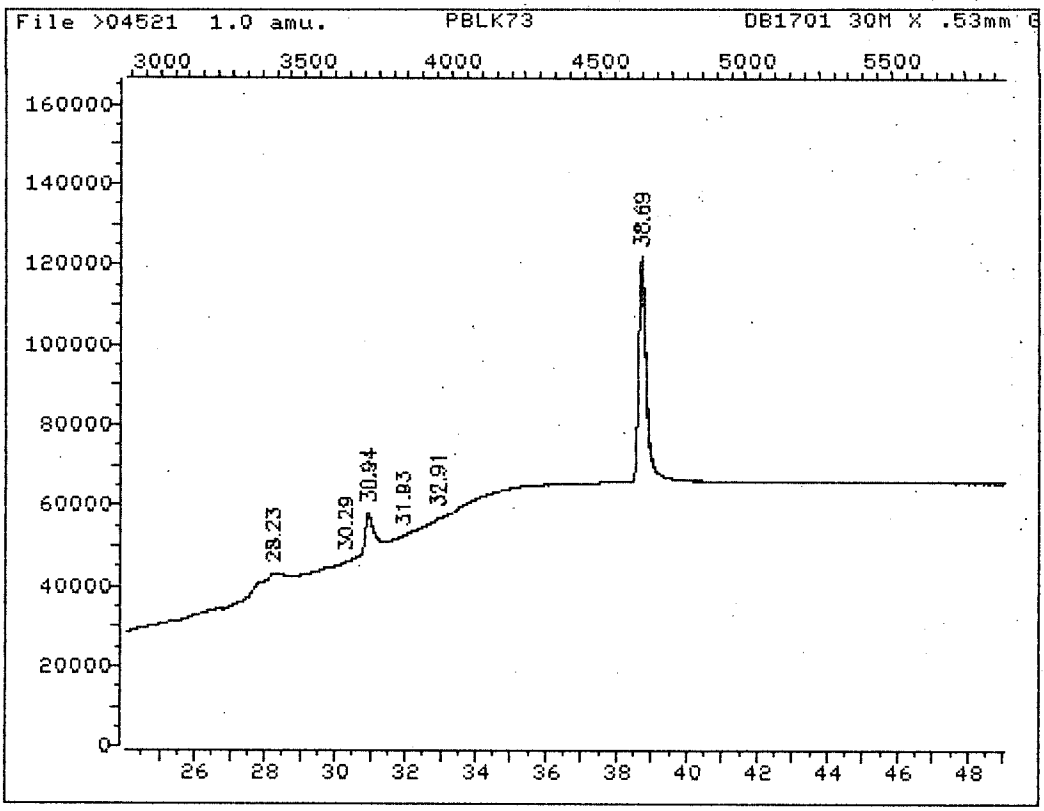

Data File: >04521::G5 Quant Output File: ^04521::GQ
Name: PBLK73 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960727 14:45
Injected at: 960727 13:55

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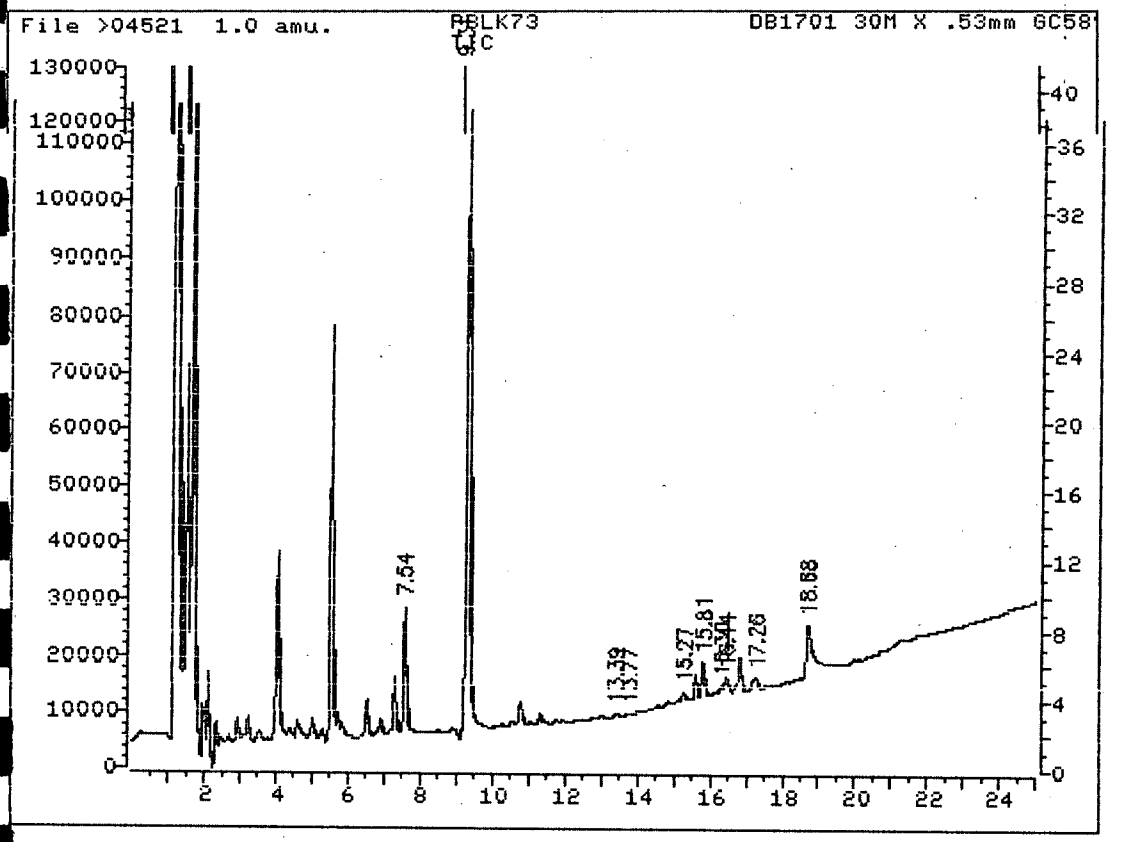
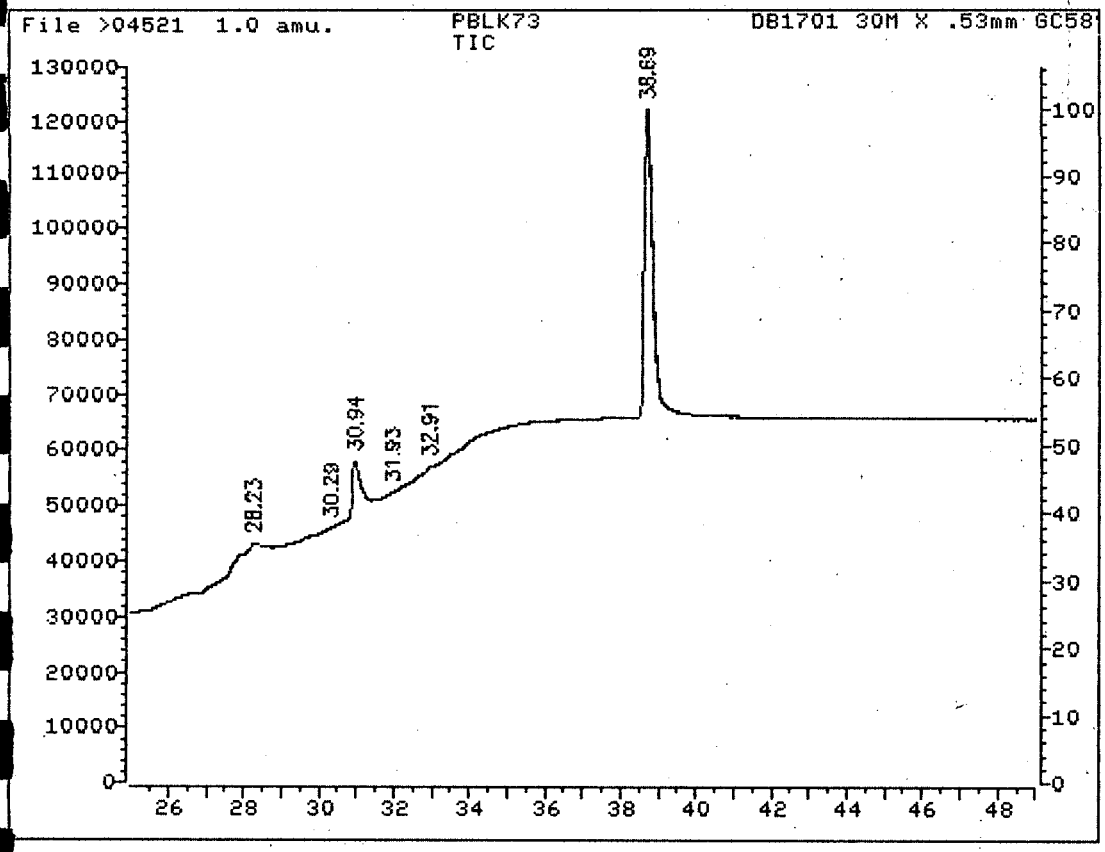


MS data file header from : >04521::G5

Sample: PBLK73 Operator: TRFI2 7/27/96 13:55
Misc : DB1701 30M X .53mm GC58903 1ul inj
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04521::G5

Sample: PBLK73 Operator: TRFI2 7/27/96 13:55
Misc : DB1701 30M X .53mm GC58903 1ul inj
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960727 14:45
Output File: ^04521::GQ Injected at: 960727 13:55
Data File: >04521::G5 Dilution Factor: 1.00000
Name: PBLK73 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.31	1117	864581	19.43	ng/ml	100
2)	~~#alpha-BHC~~	13.39	1607	8245	.250	ng/ml	100
3)	~~#beta-BHC~~	18.68	2241	116526	4.58	ng/ml	100
5)	~~#gamma-BHC (Lindane)~~	15.27	1832	6931	.198	ng/ml	100
6)	~~#Heptachlor~~	16.30	1956	8678	.181	ng/ml	100
17)	~~#Methoxychlor~~	30.94	3712	172114	13.26	ng/ml	100
18)	~~#Endrin ketone~~	32.91	3949	55790	1.69	ng/ml	100
19)	#Decachlorobiphenyl	38.69	4643	811640	17.26	ng/ml	100
24)	~~#Aroclor-1221(1)~~ ND	7.54	905	115338	108.20	ng/ml	100
25)	~~#Aroclor-1232(1)~~ ND	7.54	905	115338	65.53	ng/ml	100
27)	~~#Aroclor-1248(1)~~ ND	13.77	1653	5235	5.24	ng/ml	100
28)	~~#Aroclor-1254(1)~~ ND	17.26	2071	8246	5.14	ng/ml	100
31)	~~#Toxaphene(2)~~	28.23	3387	11199	16.24	ng/ml	100
32)	~~#Toxaphene(3)~~ ND	30.29	3635	15011	28.55	ng/ml	100
33)	~~#Toxaphene(4)~~	31.93	3831	5009	9.97	ng/ml	100
34)	~~#Aroclor-1016(2)~~	13.77	1653	5235	2.16	ng/ml	100
35)	~~#Aroclor-1016(3)~~	15.81	1897	34489	8.75	ng/ml	100
36)	~~#Aroclor-1016(4)~~ ND	16.44	1973	19800	13.28	ng/ml	100
37)	~~#Aroclor-1016(5)~~	18.68	2241	116526	58.92	ng/ml	100
41)	~~#Aroclor-1232(3)~~ ND	13.77	1653	5235	5.29	ng/ml	100
42)	~~#Aroclor-1232(4)~~ ND	15.81	1897	34489	21.78	ng/ml	100
43)	~~#Aroclor-1242(2)~~	13.77	1653	5235	2.73	ng/ml	100
44)	~~#Aroclor-1242(3)~~ ND	15.81	1897	34489	11.27	ng/ml	100
45)	~~#Aroclor-1242(4)~~	16.44	1973	19800	17.48	ng/ml	100
47)	~~#Aroclor-1248(2)~~ ND	15.81	1897	34489	13.54	ng/ml	100
48)	~~#Aroclor-1248(3)~~ ND	18.68	2241	116526	52.09	ng/ml	100
58)	~~#Aroclor-1260(5)~~ ND	31.93	3831	5009	1.88	ng/ml	100

Compound uses ESTD

EPuci
8/6/96

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK01

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Matrix: (soil/water) WATER Lab Sample ID: PIBLK01

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 03456

% Moisture: _____ decanted: (Y/N)___ Date Received: 00/00/00

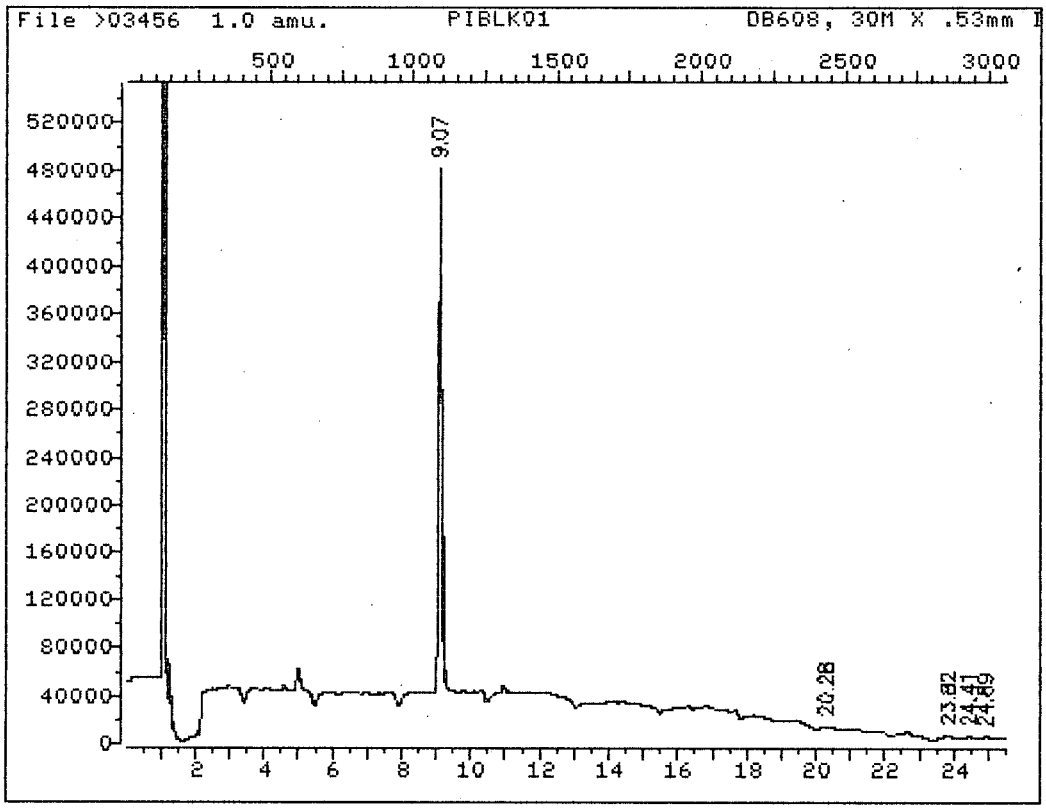
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 00/00/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/24/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	.025	U
319-85-7	beta-BHC	.025	U
319-86-8	delta-BHC	.025	U
58-89-9	gamma-BHC (Lindane)	.025	U
76-44-8	Heptachlor	.025	U
309-00-2	Aldrin	.025	U
1024-57-3	Heptachlor epoxide	.025	U
959-98-8	Endosulfan I	.025	U
60-57-1	Dieldrin	.050	U
72-55-9	4,4'-DDE	.050	U
72-20-8	Endrin	.050	U
33213-65-9	Endosulfan II	.050	U
72-54-8	4,4'-DDD	.050	U
1031-07-8	Endosulfan Sulfate	.050	U
50-29-3	4,4'-DDT	.050	U
72-43-5	Methoxychlor	.25	U
53494-70-5	Endrin ketone	.050	U
7421-93-4	Endrin aldehyde	.050	U
5103-71-9	alpha-Chlordane	.025	U
5103-74-2	gamma-Chlordane	.025	U
8001-35-2	Toxaphene	2.5	U
12674-11-2	Aroclor-1016	.50	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	.50	U
53469-21-9	Aroclor-1242	.50	U
12672-29-6	Aroclor-1248	.50	U
11097-69-1	Aroclor-1254	.50	U
11096-82-5	Aroclor-1260	.50	U

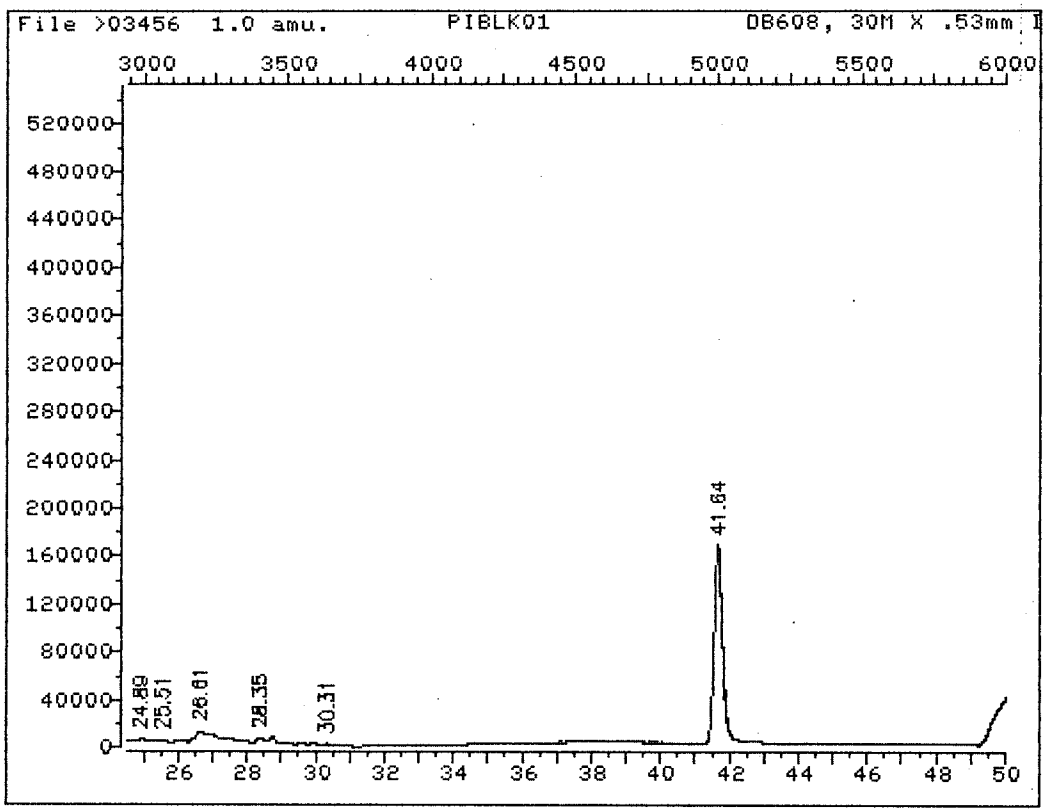


Data File: >03456::G2 Quant Output File: ^03456::GQ
Name: PIBLK01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:02
Injected at: 960724 05:22

Page 1 of 2

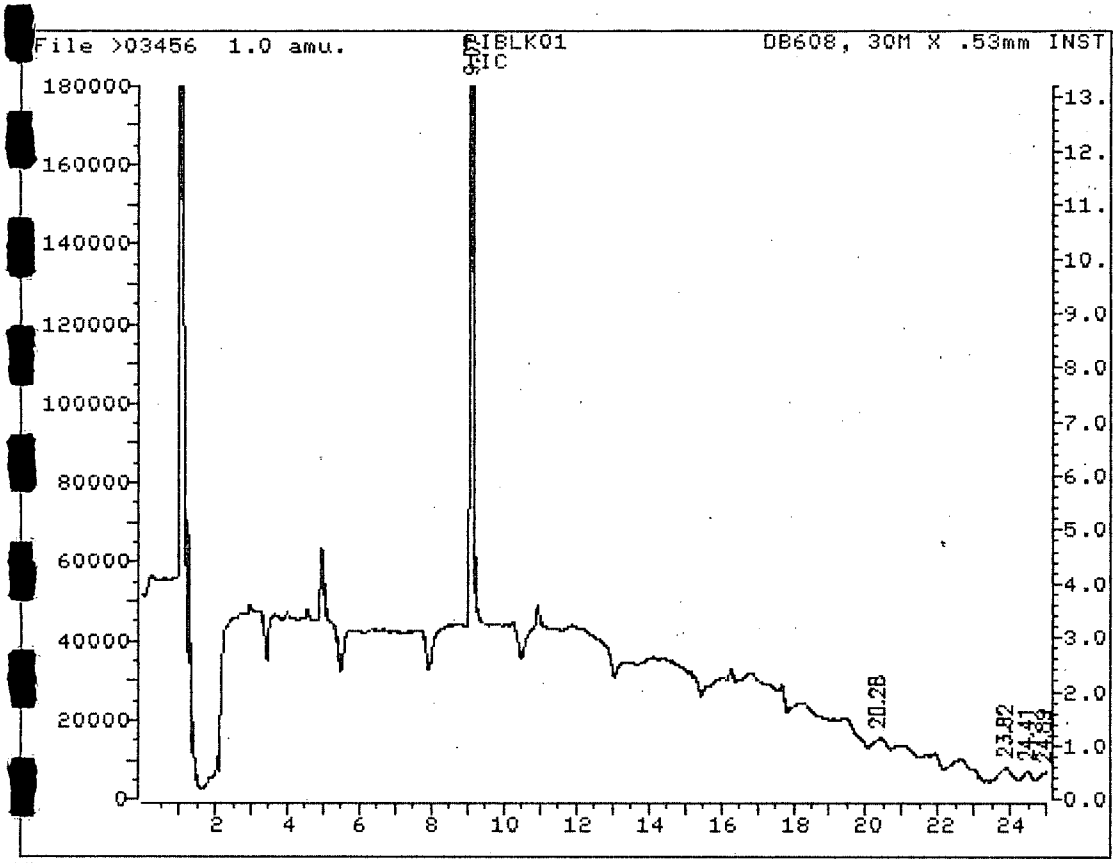


Data File: >03456::G2 Quant Output File: ^03456::GQ
Name: PIBLK01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:02
Injected at: 960724 05:22

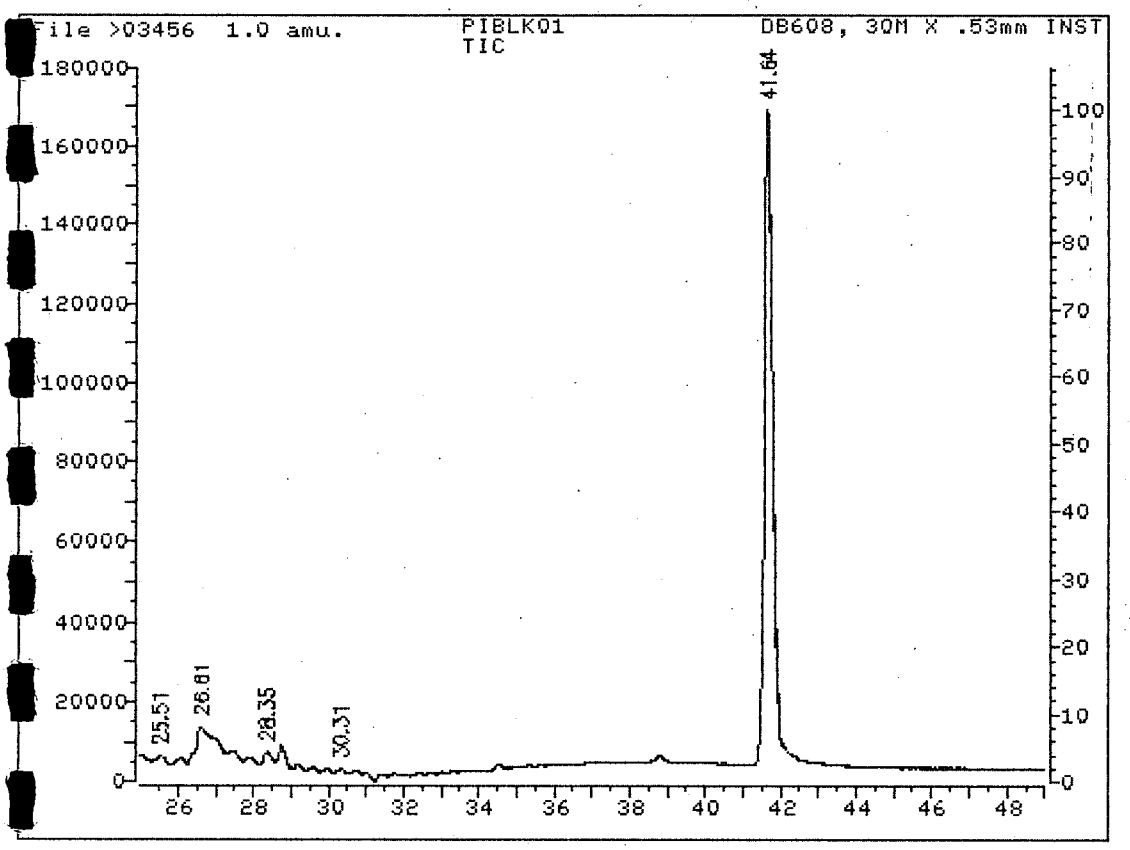
Page 2 of 2



MS data file header from : >03456::G2

Sample: PIBLK01 Operator: TRFI2 7/24/96 5:22
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03456::G2

Sample: PIBLK01 Operator: TRFI2 7/24/96 5:22
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

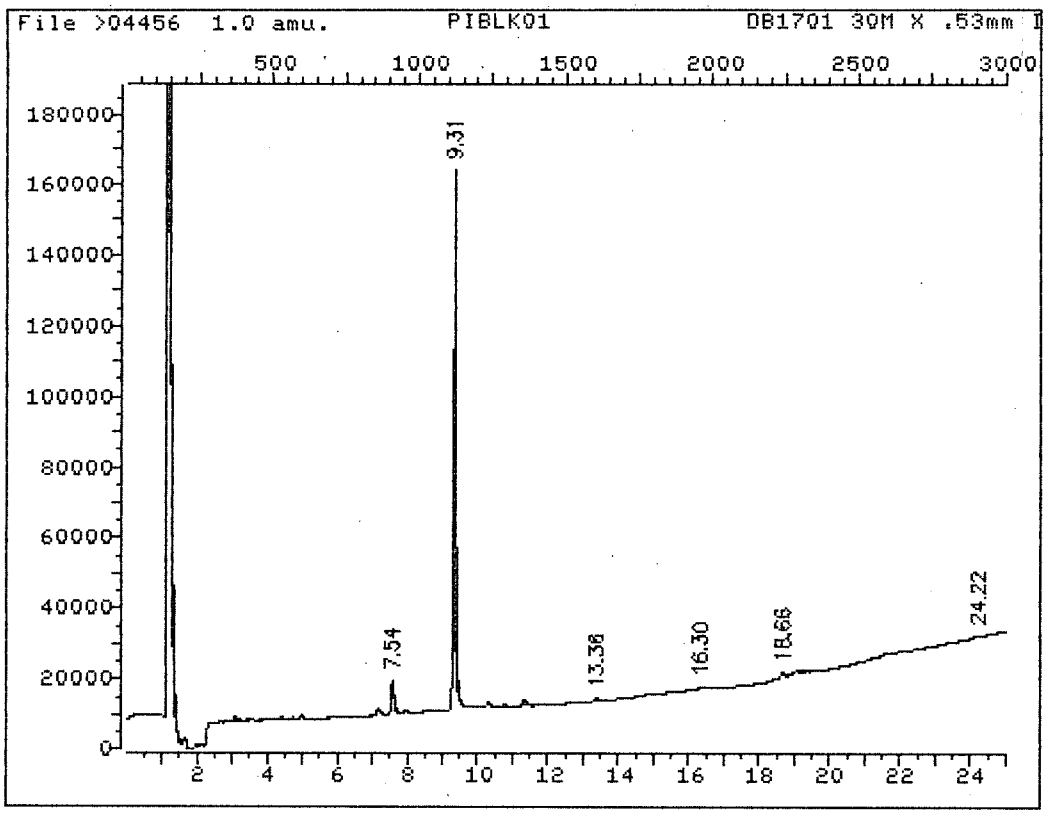
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:02
Output File: ^03456::GQ Injected at: 960724 05:22
Data File: >03456::G2 Dilution Factor: 1.00000
Name: PIBLK01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.07	1088	2501167	19.44	ng/ml	100
12)	#~~Endrin,~~ OW	24.89	2986	12484	.140	ng/ml	100
14)	#4~~,4' DD~~D OW	25.51	3061	31576	.517	ng/ml	100
15)	#E~~ndosulfan Sulfate~~ NC	28.35	3402	21279	.238	ng/ml	100
19)	#Decachlorobiphenyl	41.64	4997	2578914	21.65	ng/ml	100
22)	#~~Toxaphene(~~1) NP	23.82	2858	36241	22.10	ng/ml	100
29)	#A~~roclor-1260(~~1) NP	24.41	2929	26591	4.28	ng/ml	100
32)	#~~Toxaphene(3~~) NP	28.35	3402	21279	9.92	ng/ml	100
49)	#A~~roclor-1248(~~4) NP	20.28	2434	19578	5.05	ng/ml	100
54)	#A~~roclor 1254(~~5) NP	24.89	2986	12484	3.45	ng/ml	100
55)	#A~~roclor 1260(2~~) NP	24.89	2986	12484	1.79	ng/ml	100
56)	#A~~roclor-1260(3~~) NP	26.61	3193	126967	18.56	ng/ml	100
57)	#A~~roclor 1260(4~~) NP	30.31	3637	13064	1.05	ng/ml	100

Compound uses ESTD

EPui
7/31/96



Data File: >04456::G4 Quant Output File: ^04456::GQ
Name: PIBLK01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:46
Injected at: 960724 05:22

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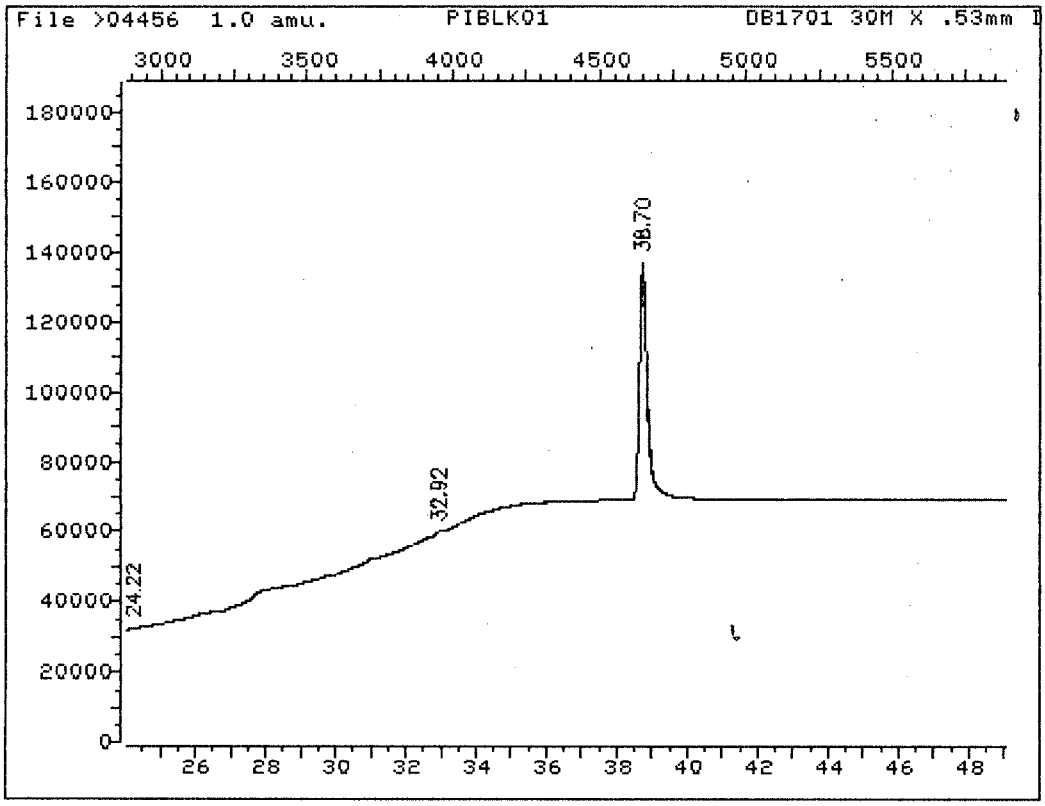

Data File: >04456::G4 Quant Output File: ^04456::GQ
Name: PIBLK01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 14:46
Injected at: 960724 05:22

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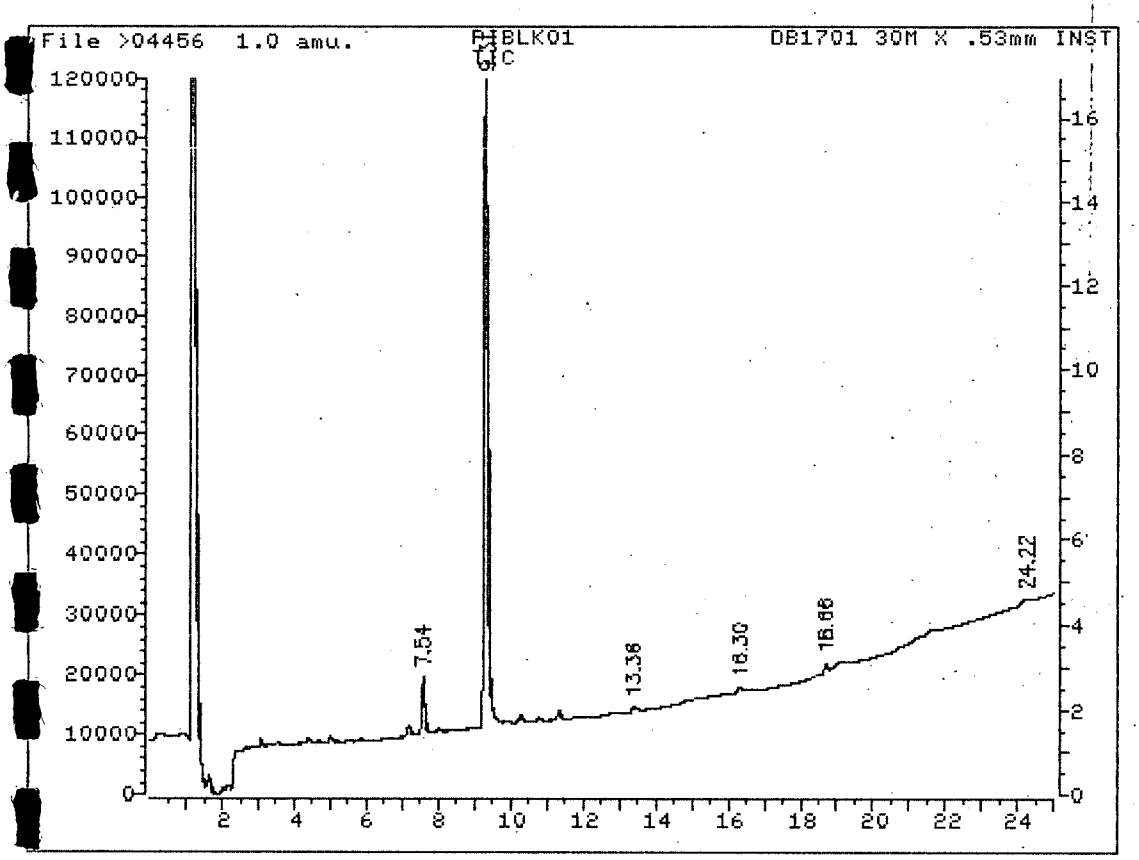
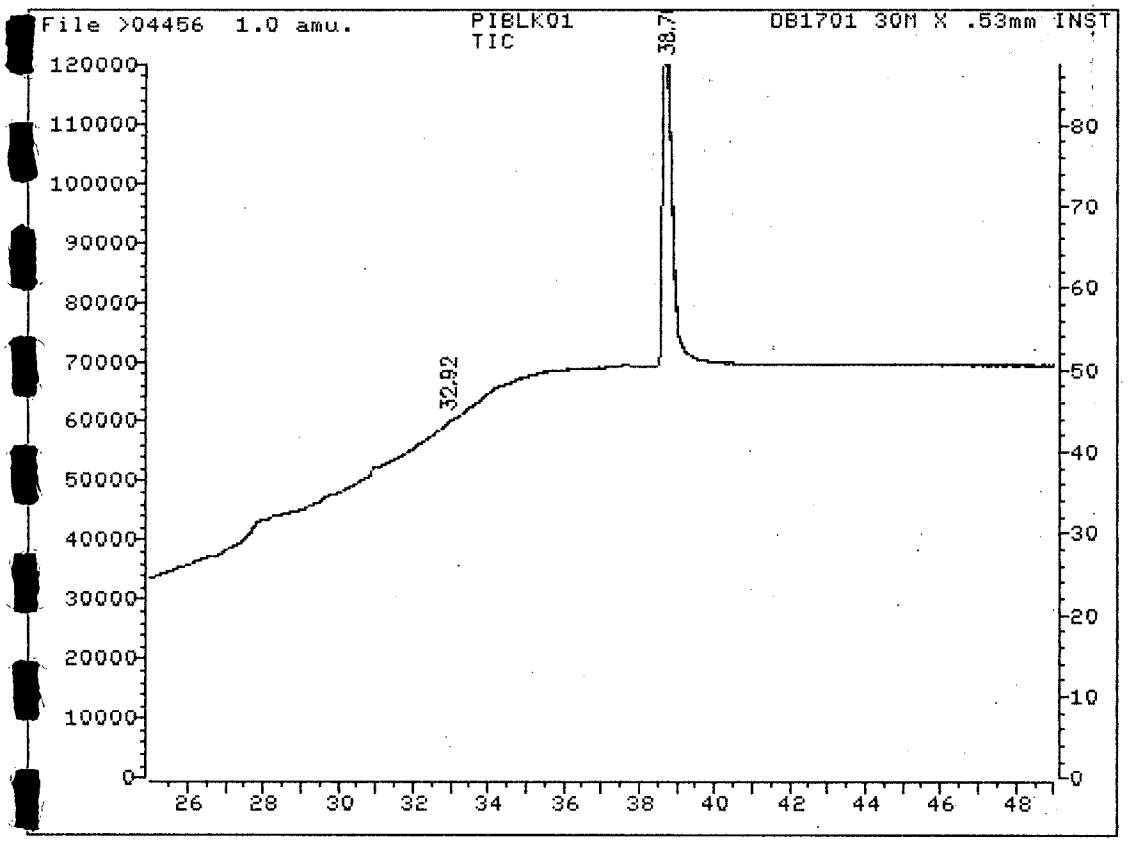


MS data file header from : >04456::G4

Sample: FIBLK01 Operator: TRFI2 7/24/96 5:22
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04456::G4

Sample: PIBLK01 Operator: TRFI2 7/24/96 5:22
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 14:46
Output File: ^04456::GQ Injected at: 960724 05:22
Data File: >04456::G4 Dilution Factor: 1.00000
Name: PIBLK01 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.31	1117	853990	19.19	ng/ml	100
2)	~~#alpha-BHC~~ NC	13.36	1603	9439	.286	ng/ml	100
3)	~~#beta-BHC~~ NC	18.66	2239	12167	.478	ng/ml	100
6)	~~#Heptachlor~~ NC	16.30	1956	10162	.212	ng/ml	100
12)	~~#Endrin~~ NC	24.22	2906	25889	.873	ng/ml	100
18)	~~#Endrin ketone~~ NC	32.92	3950	70687	2.14	ng/ml	100
19)	#Decachlorobiphenyl	38.70	4644	996785	21.20	ng/ml	100
24)	~~#Aroclor 1221(1)~~ NP	7.54	905	51758	48.55	ng/ml	100
25)	~~#Aroclor 1232(1)~~ NP	7.54	905	51317	29.16	ng/ml	100
37)	~~#Aroclor 1016(5)~~ NP	18.66	2239	12167	6.15	ng/ml	100
48)	~~#Aroclor 1248(3)~~ NP	18.66	2239	12167	5.44	ng/ml	100

Compound uses ESTD

EPW
7/31/96

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK02

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Matrix: (soil/water) WATER Lab Sample ID: PIBLK02

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 03468

% Moisture: _____ decanted: (Y/N)___ Date Received: 00/00/00

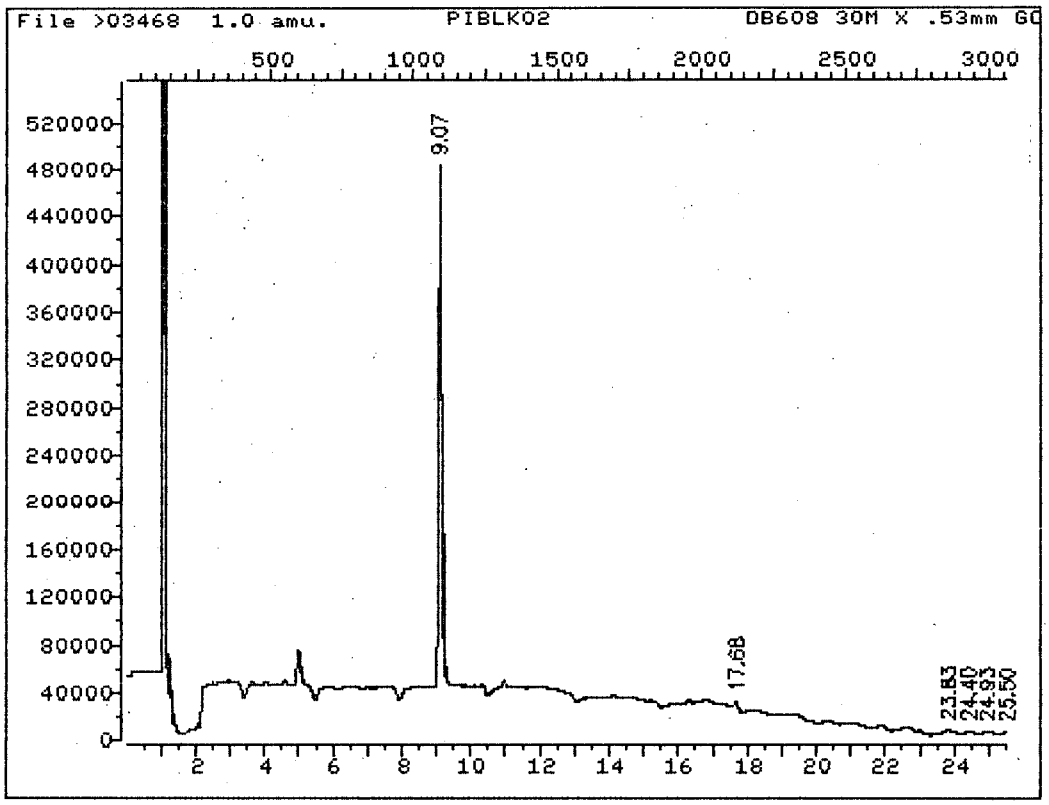
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 00/00/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/24/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	.025	U
319-85-7	beta-BHC	.025	U
319-86-8	delta-BHC	.025	U
58-89-9	gamma-BHC (Lindane)	.025	U
76-44-8	Heptachlor	.025	U
309-00-2	Aldrin	.025	U
1024-57-3	Heptachlor epoxide	.025	U
959-98-8	Endosulfan I	.025	U
60-57-1	Dieldrin	.050	U
72-55-9	4,4'-DDE	.050	U
72-20-8	Endrin	.050	U
33213-65-9	Endosulfan II	.050	U
72-54-8	4,4'-DDD	.050	U
1031-07-8	Endosulfan Sulfate	.050	U
50-29-3	4,4'-DDT	.050	U
72-43-5	Methoxychlor	.25	U
53494-70-5	Endrin ketone	.050	U
7421-93-4	Endrin aldehyde	.050	U
5103-71-9	alpha-Chlordane	.025	U
5103-74-2	gamma-Chlordane	.025	U
8001-35-2	Toxaphene	2.5	U
12674-11-2	Aroclor-1016	.50	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	.50	U
53469-21-9	Aroclor-1242	.50	U
12672-29-6	Aroclor-1248	.50	U
11097-69-1	Aroclor-1254	.50	U
11096-82-5	Aroclor-1260	.50	U



Data File: >03468::G2 Quant Output File: ^03468::GQ
Name: PIBLK02 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 17:17
Injected at: 960724 16:22

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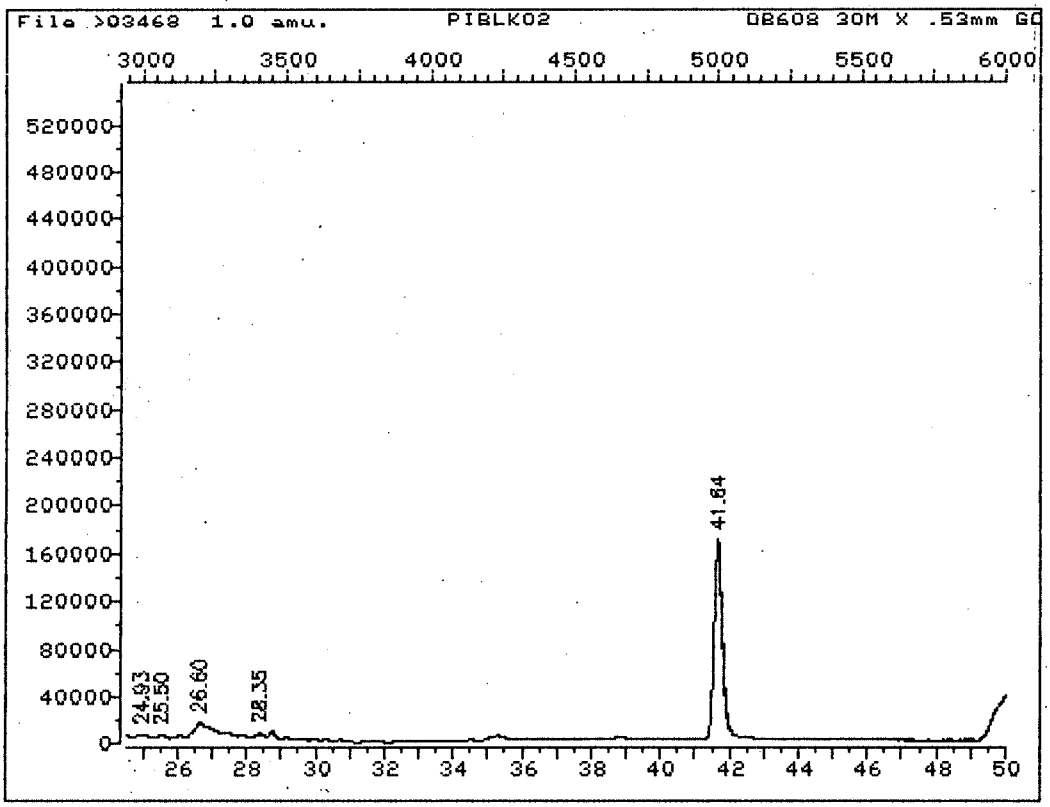

Data File: >03468::G2 Quant Output File: ^03468::GQ
Name: PIBLK02 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 17:17
Injected at: 960724 16:22

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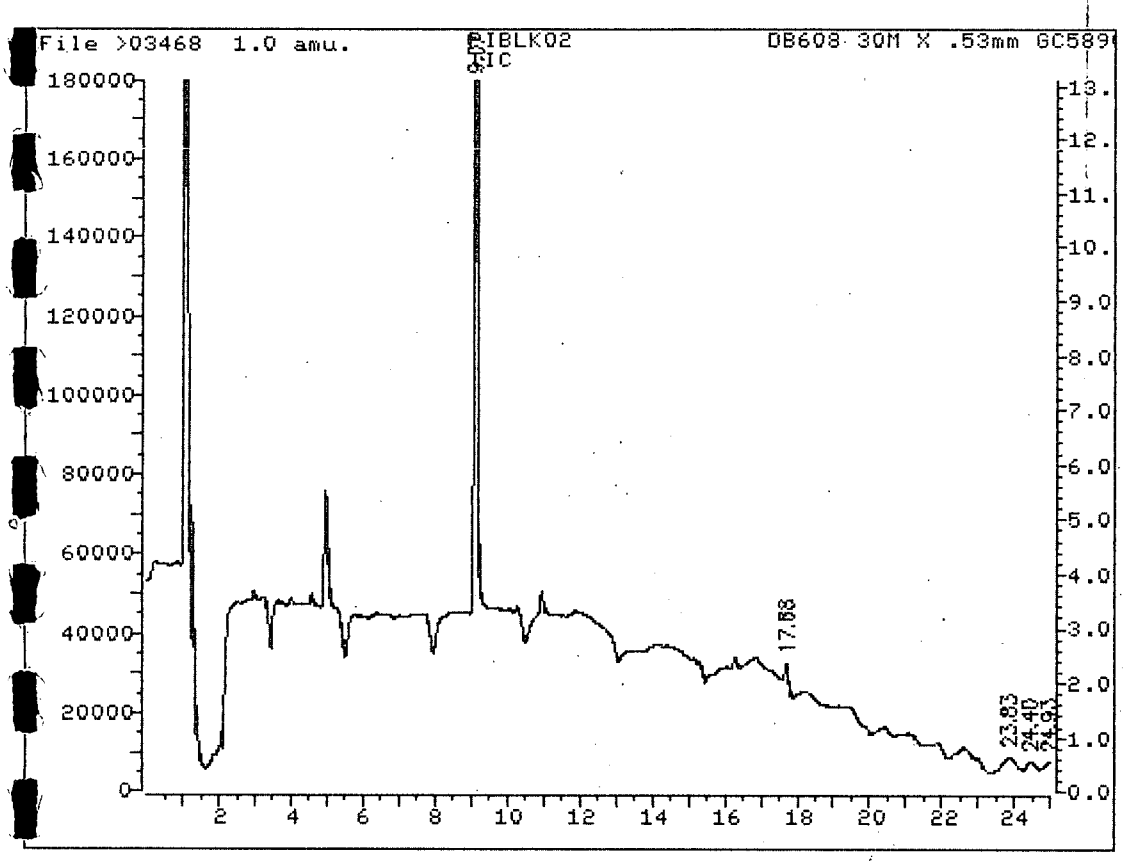
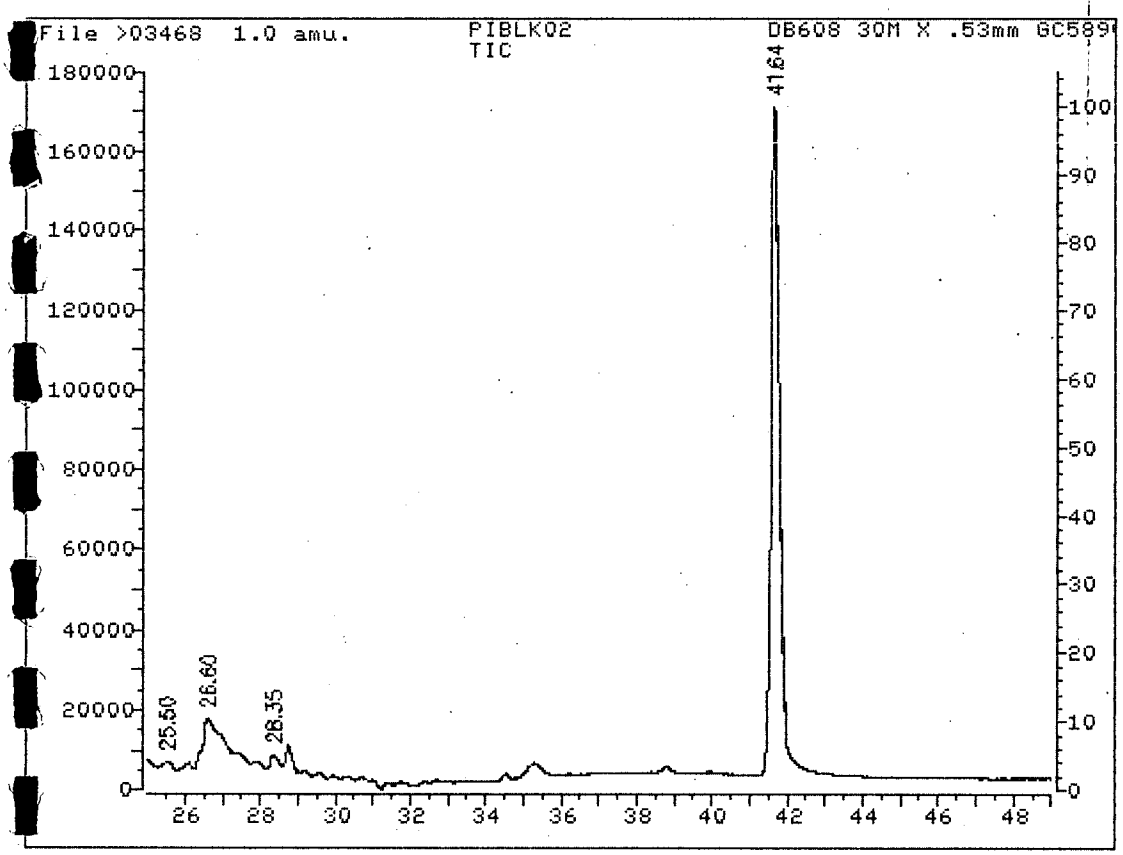


MS data file header from : >03468::G2

Sample: PIBLK02 Operator: TRFI2 7/24/96 16:22
Misc : DB608 30M X .53mm GC58903 1ul inj
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03468::G2

Sample: PIBLK02 Operator: TRFI2 7/24/96 16:22
Misc : DB608 30M X .53mm GC58903 1ul inj
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

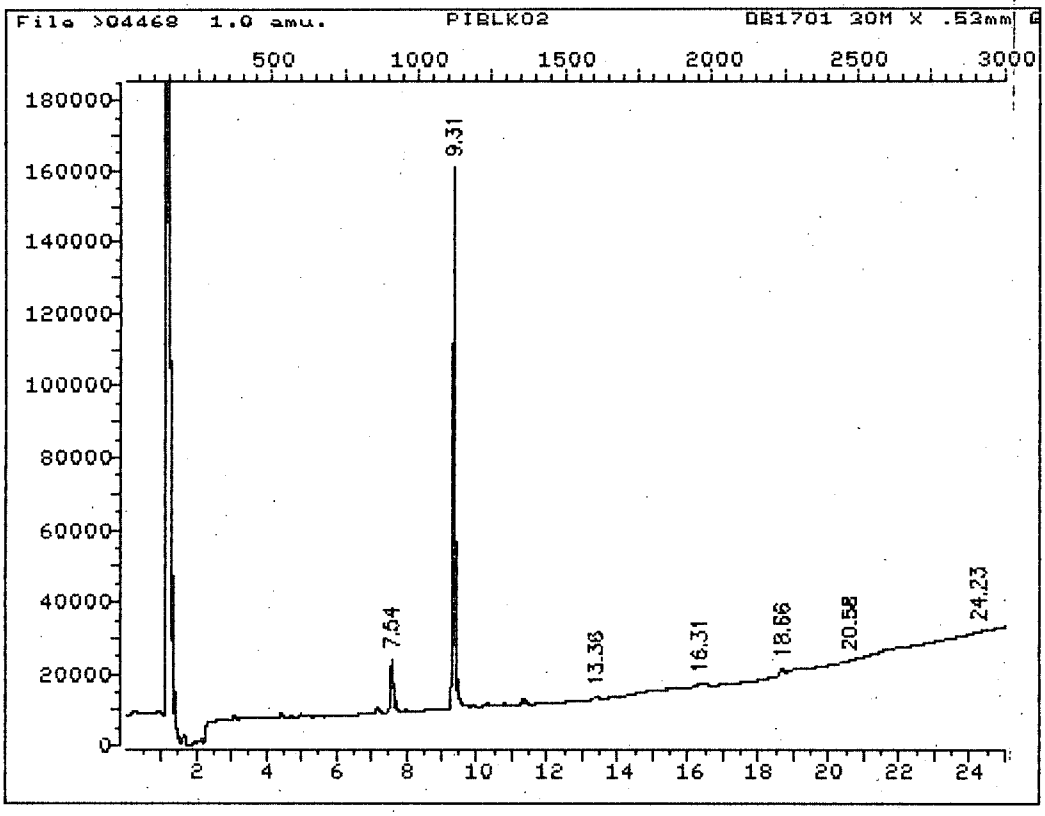
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 17:17
Output File: ^03468::GQ Injected at: 960724 16:22
Data File: >03468::G2 Dilution Factor: 1.00000
Name: PIBLK02 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.07	1088	2520134	19.59	ng/ml	100
12)	~~#Endrin~~ OW	24.93	2991	17634	.198	ng/ml	100
14)	~~#4,4'-DDD~~ OW	25.50	3060	41444	.679	ng/ml	100
15)	~~#Endosulfan Sulfate~~ NC	28.35	3402	54323	.608	ng/ml	100
19)	#Decachlorobiphenyl	41.64	4997	2637903	22.14	ng/ml	100
22)	~~#Toxaphene(1)~~ NP	23.83	2859	79138	48.25	ng/ml	100
29)	~~#Aroclor-1260(1)~~ NP	24.40	2928	12269	1.97	ng/ml	100
32)	~~#Toxaphene(3)~~ NP	28.35	3402	54323	25.32	ng/ml	100
47)	~~#Aroclor-1248(2)~~ NP	17.68	2121	60942	19.52	ng/ml	100
54)	~~#Aroclor-1254(5)~~ NP	24.93	2991	17634	4.87	ng/ml	100
55)	~~#Aroclor-1260(2)~~ NP	24.93	2991	17634	2.52	ng/ml	100
56)	~~#Aroclor-1260(3)~~ NP	26.60	3192	300088	43.86	ng/ml	100

Compound uses ESTD

EPma
7/30/96



Data File: >04468::G4 Quant Output File: ^04468::GQ
Name: PIBLK02 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 17:14
Injected at: 960724 16:22

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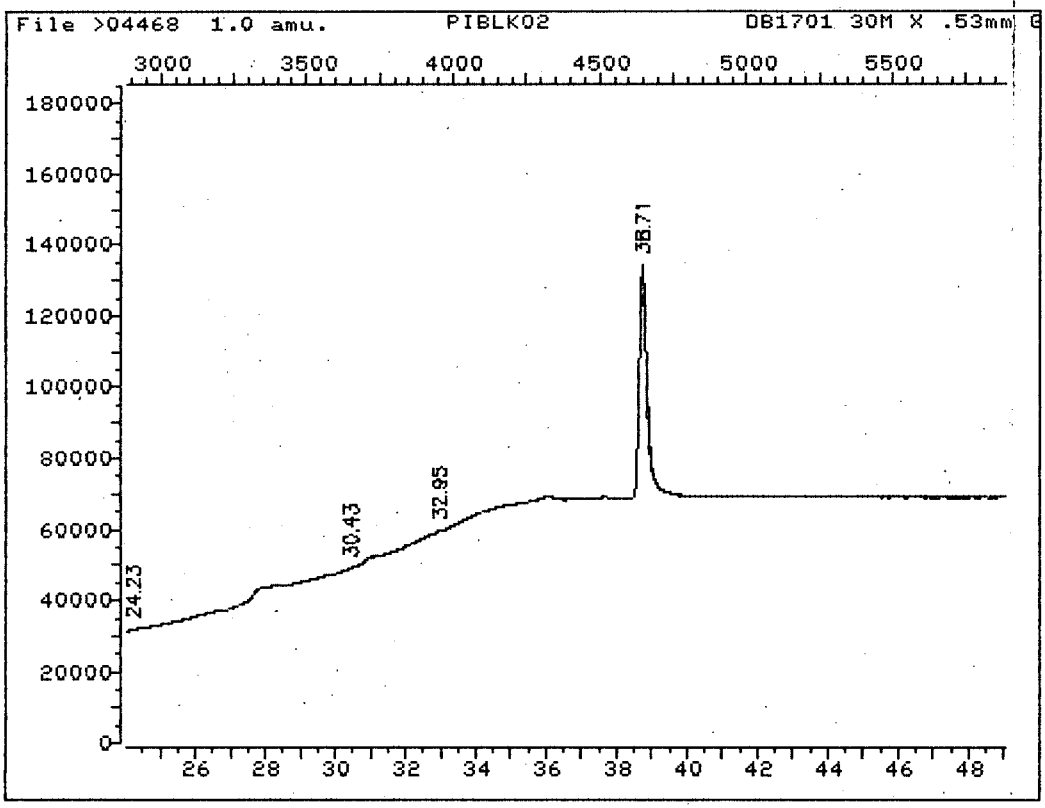

Data File: >04468::G4 Quant Output File: ^04468::GQ
Name: PIBLK02 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960724 17:14
Injected at: 960724 16:22

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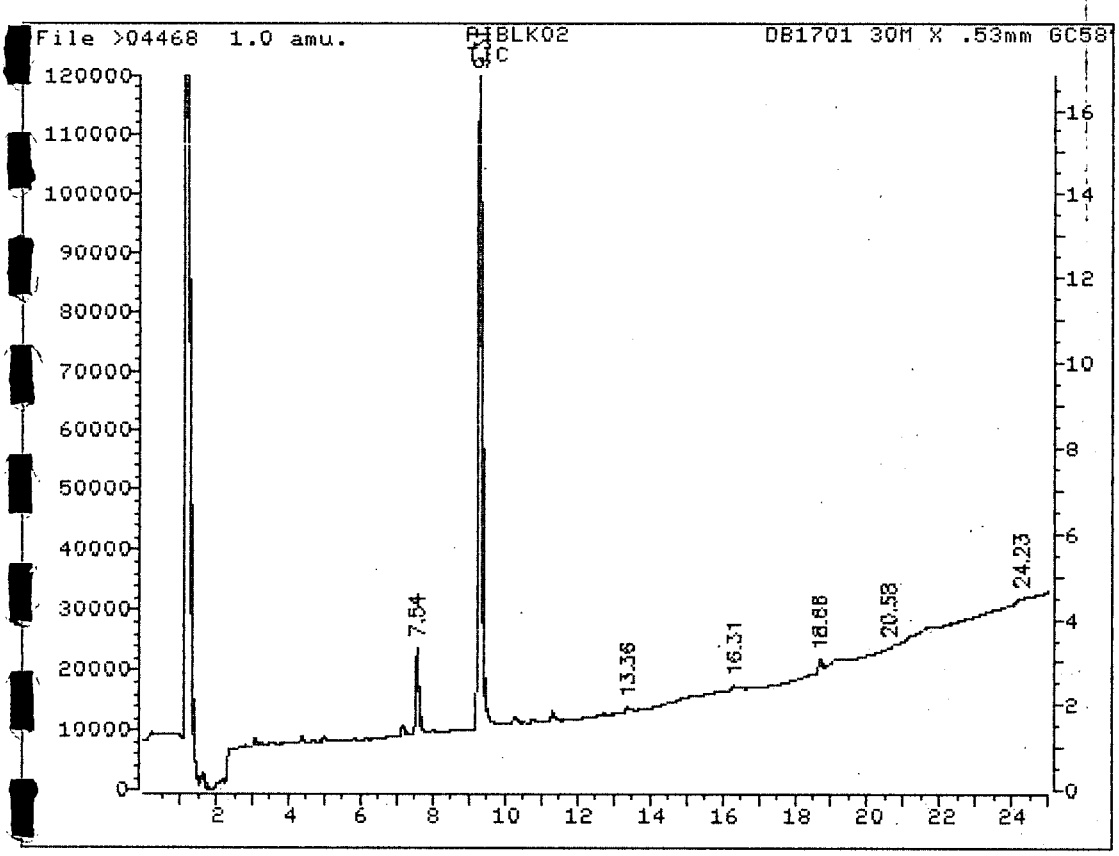
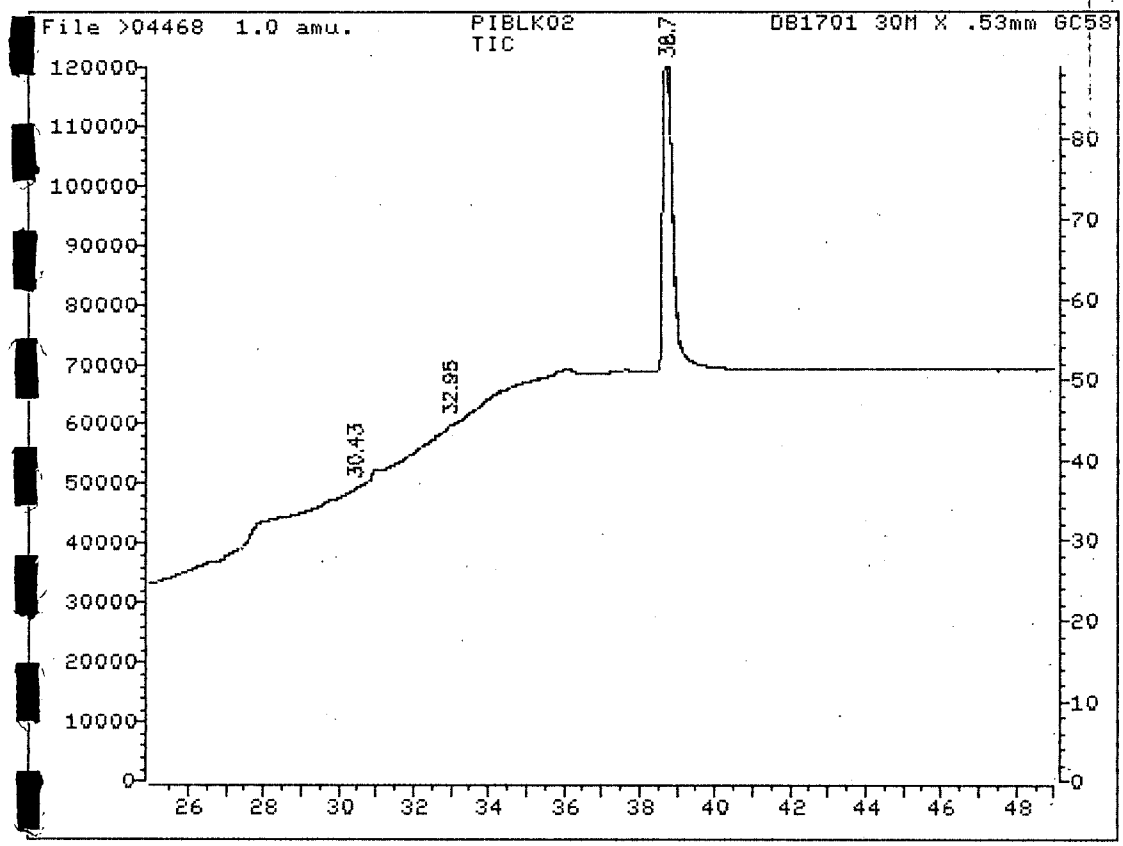


MS data file header from : >04468::G4

Sample: PIBLK02 Operator: TRFI2 7/24/96 16:22
Misc : DB1701 30M X .53mm GC58903 1ul inj
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04468::G4

Sample: PIBLK02 Operator: TRFI2 7/24/96 16:22
Misc : DB1701 30M X .53mm GC58903 1ul inj
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960724 17:14
Output File: ^04468::GQ Injected at: 960724 16:22
Data File: >04468::G4 Dilution Factor: 1.00000
Name: PIBLK02 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.31	1117	855248	19.22	ng/ml	100
2)	~~#alpha-BHC~~ NC	13.36	1603	11080	.336	ng/ml	100
3)	~~#beta-BHC~~ NC	18.66	2239	16768	.659	ng/ml	100
6)	~~#Heptachlor~~ NC	16.31	1957	8649	.181	ng/ml	100
8)	~~#Heptachlor epoxide~~ NC	20.58	2469	9605	.216	ng/ml	100
12)	~~#Endrin~~ OW	24.23	2907	11194	.378	ng/ml	100
15)	~~#Endosulfan Sulfate~~ OW	30.43	3651	27917	1.03	ng/ml	100
18)	~~#Endrin ketone~~ NC	32.95	3954	69790	2.11	ng/ml	100
19)	#Decachlorobiphenyl	38.71	4645	976180	20.76	ng/ml	100
24)	~~#Aroclor-1221(1)~~ ND	7.54	905	79818	74.88	ng/ml	100
25)	~~#Aroclor-1232~~(1) ND	7.54	905	79818	45.35	ng/ml	100
32)	~~#Toxaphene(3)~~ ND	30.43	3651	27665	52.61	ng/ml	100
37)	~~#Aroclor-1016(5)~~ ND	18.66	2239	16768	8.48	ng/ml	100
48)	~~#Aroclor-1248(3)~~ ND	18.66	2239	16768	7.50	ng/ml	100

Compound uses ESTD

EPrice
7/30/96

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK03

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Matrix: (soil/water) WATER Lab Sample ID: PIBLK03

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 03480

% Moisture: _____ decanted: (Y/N)___ Date Received: 00/00/00

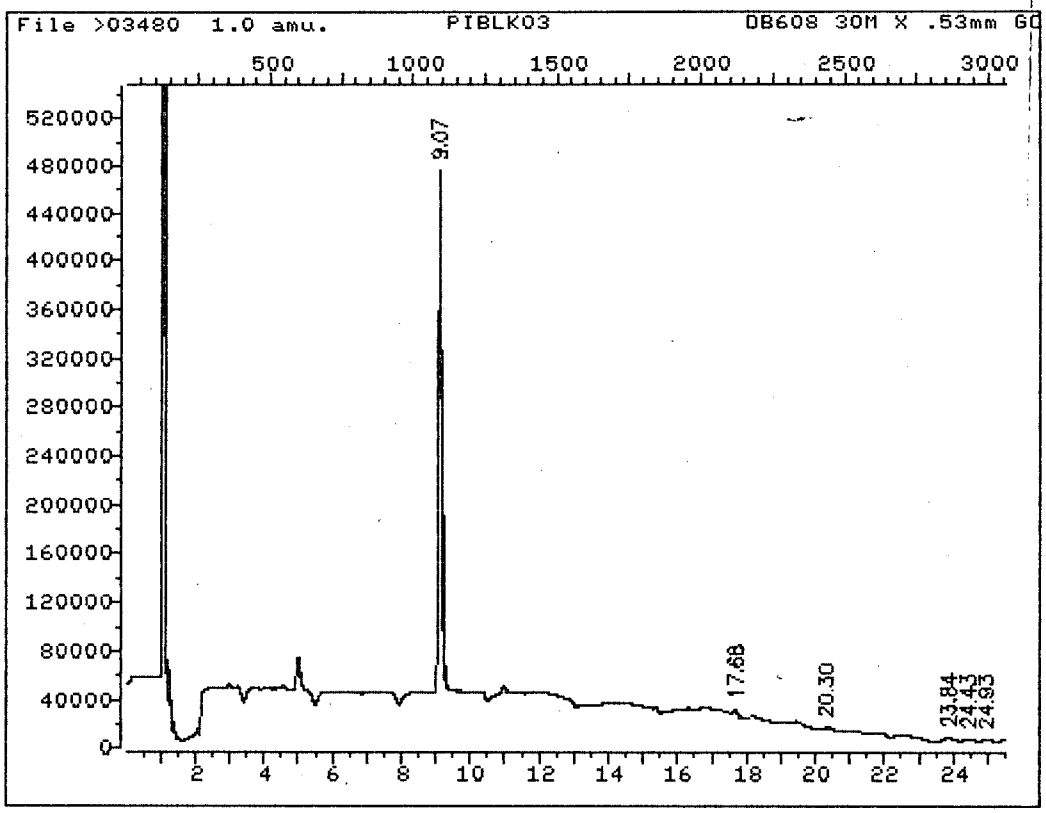
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 00/00/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	.025	U
319-85-7	beta-BHC	.025	U
319-86-8	delta-BHC	.025	U
58-89-9	gamma-BHC (Lindane)	.025	U
76-44-8	Heptachlor	.025	U
309-00-2	Aldrin	.025	U
1024-57-3	Heptachlor epoxide	.025	U
959-98-8	Endosulfan I	.025	U
60-57-1	Dieldrin	.050	U
72-55-9	4,4'-DDE	.050	U
72-20-8	Endrin	.050	U
33213-65-9	Endosulfan II	.050	U
72-54-8	4,4'-DDD	.050	U
1031-07-8	Endosulfan Sulfate	.050	U
50-29-3	4,4'-DDT	.050	U
72-43-5	Methoxychlor	.25	U
53494-70-5	Endrin ketone	.050	U
7421-93-4	Endrin aldehyde	.050	U
5103-71-9	alpha-Chlordane	.025	U
5103-74-2	gamma-Chlordane	.025	U
8001-35-2	Toxaphene	2.5	U
12674-11-2	Aroclor-1016	.50	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	.50	U
53469-21-9	Aroclor-1242	.50	U
12672-29-6	Aroclor-1248	.50	U
11097-69-1	Aroclor-1254	.50	U
11096-82-5	Aroclor-1260	.50	U



Data File: >03480::G2 Quant Output File: ^03480::GQ
Name: PIBLK03 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960725 04:14
Injected at: 960725 03:21

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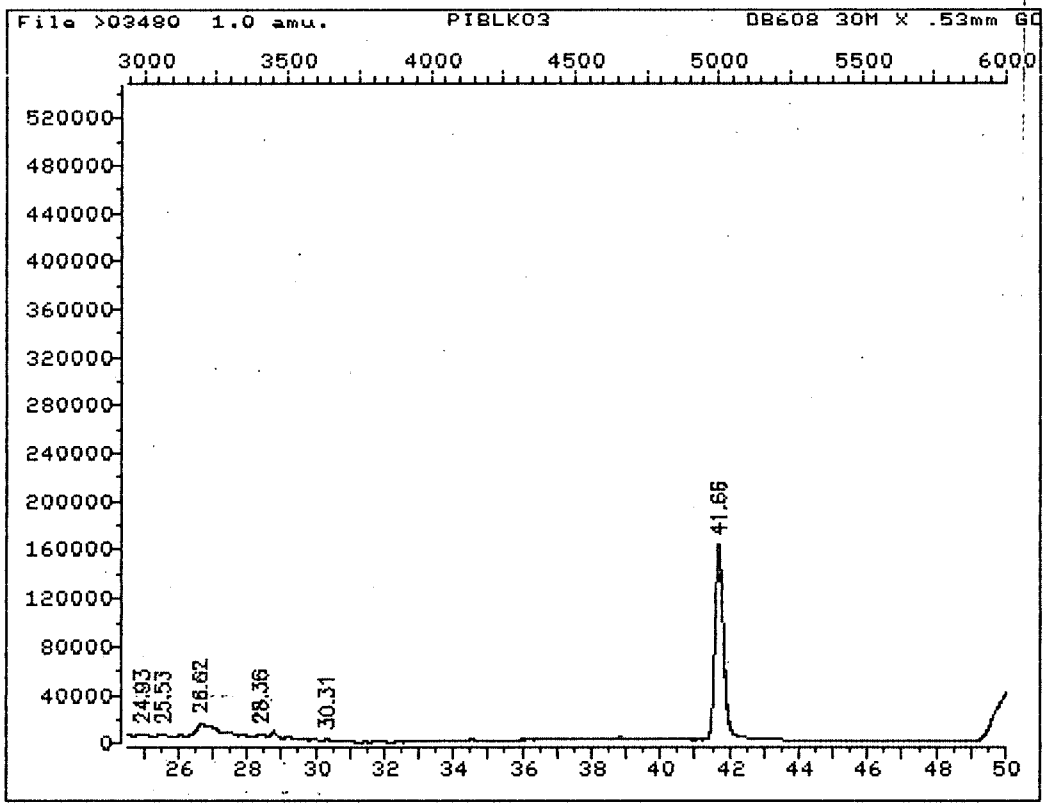

Data File: >03480::G2 Quant Output File: ^03480::GQ
Name: PIBLK03 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960725 04:14
Injected at: 960725 03:21

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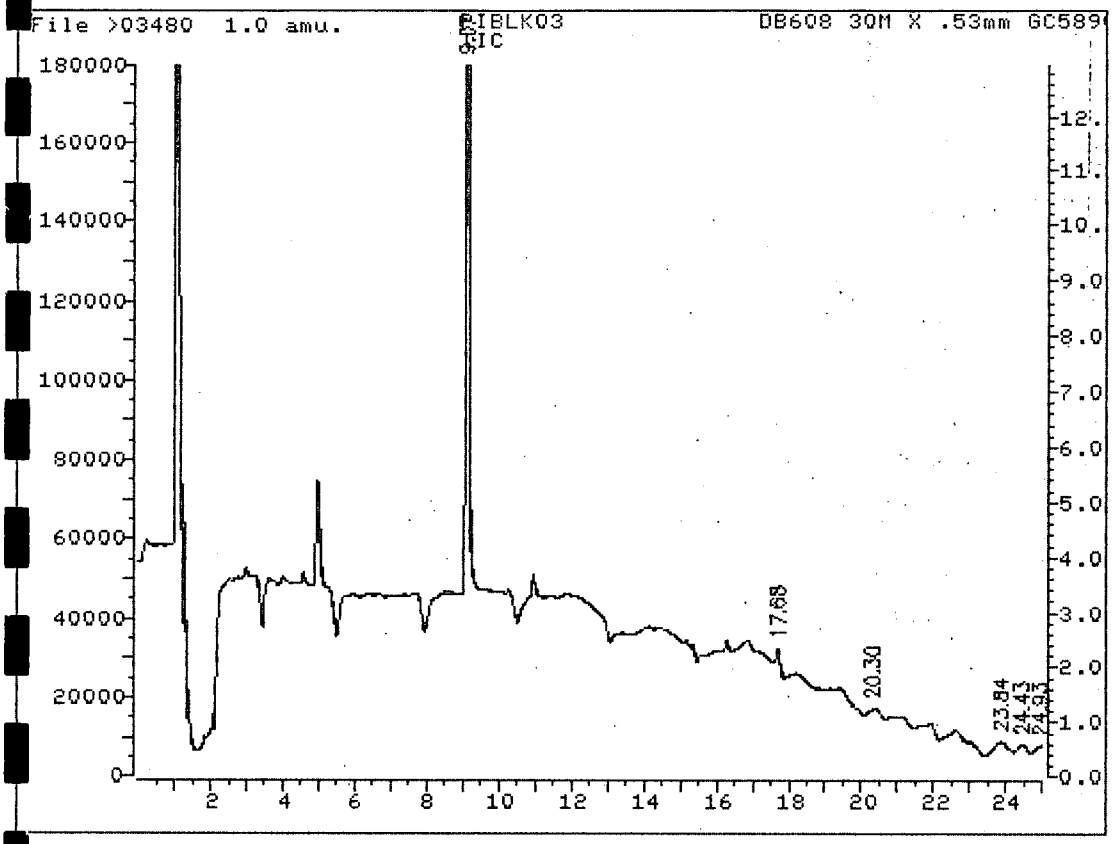
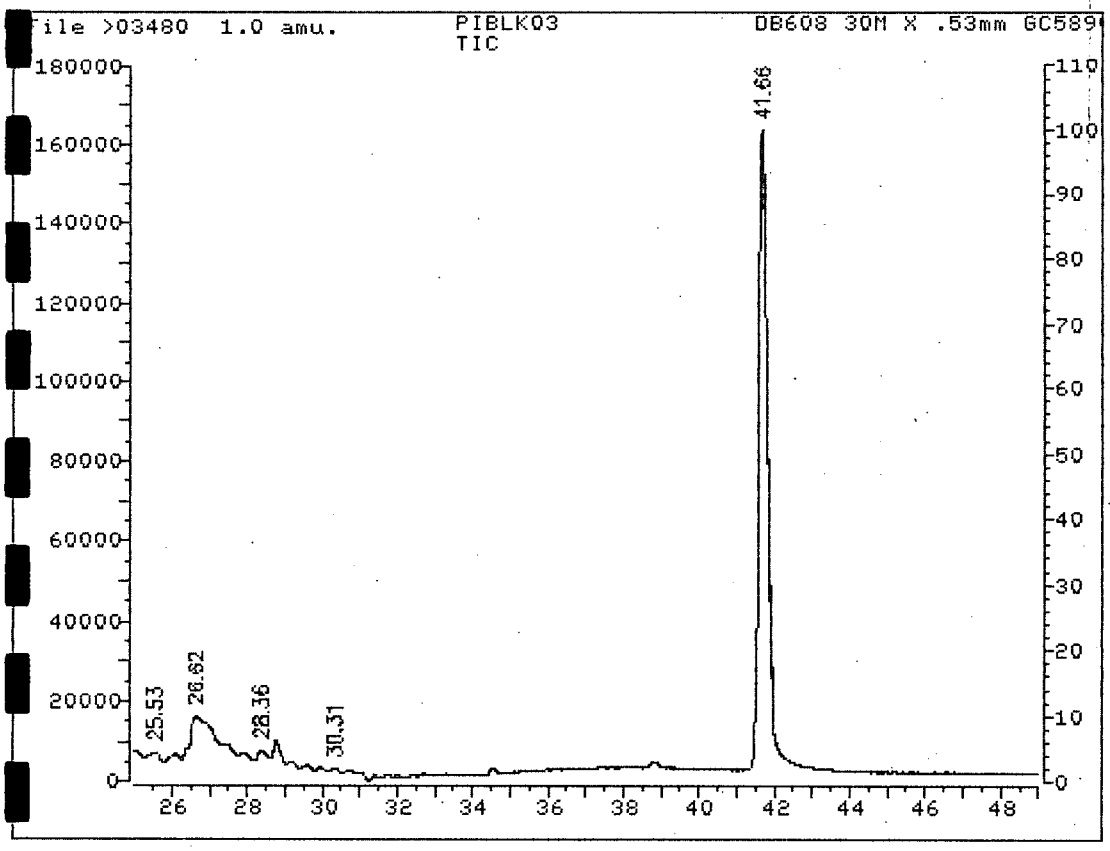


MS data file header from : >03480::G2

Sample: PIBLK03 Operator: TRFI2 7/25/96 3:21
Misc : DB608 30M X .53mm GC58903 1ul inj
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03480::G2

Sample: PIBLK03 Operator: TRFI2 7/25/96 3:21
Misc : DB608 30M X .53mm GC58903 1ul inj
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

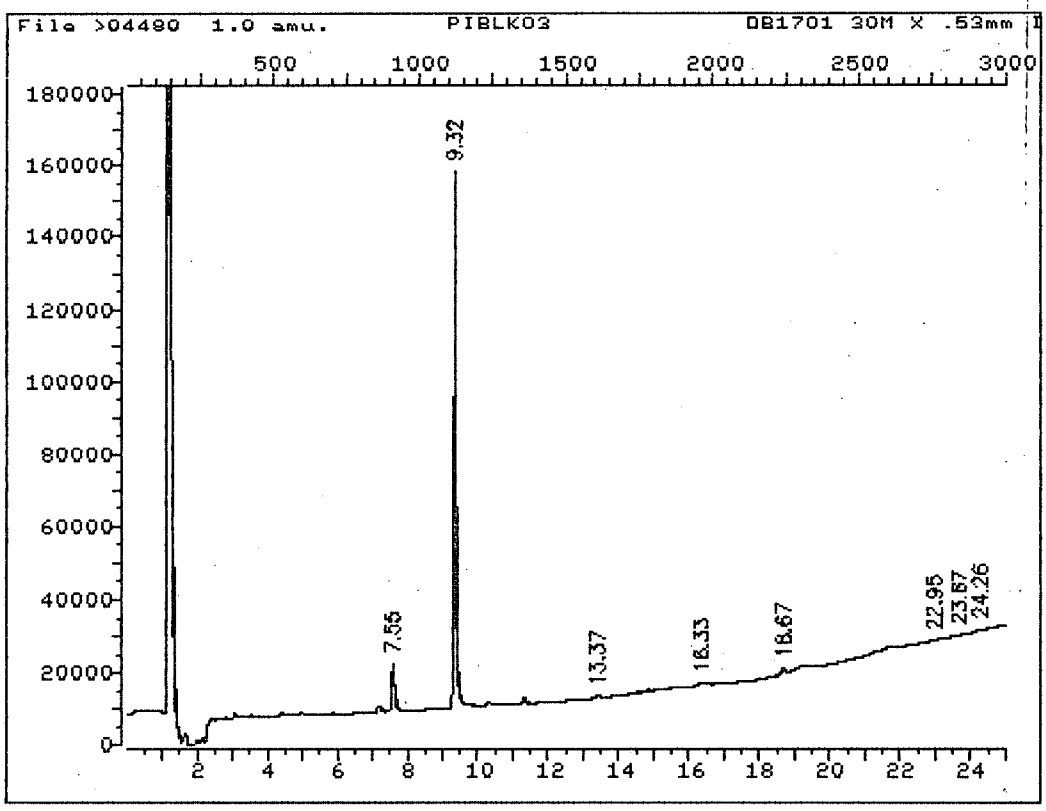
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960725 04:14
Output File: ^03480::GQ Injected at: 960725 03:21
Data File: >03480::G2 Dilution Factor: 1.00000
Name: PIBLK03 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.07	1089	2501243	19.44	ng/ml	100
12)	~~#Endrin~~ OW	24.93	2991	17544	.197	ng/ml	100
14)	~~#4,4'-DDD~~ NC	25.53	3063	41102	.673	ng/ml	100
15)	~~#Endosulfan Sulfate~~ NC	28.36	3403	32136	.360	ng/ml	100
19)	#Decachlorobiphenyl	41.66	4999	2585485	21.70	ng/ml	100
22)	~~#Toxaphene~~(1) NP	23.84	2861	54807	33.42	ng/ml	100
29)	~~#Aroclor 1260(1)~~ NP	24.43	2931	14465	2.33	ng/ml	100
32)	~~#Toxaphene(3)~~ NP	28.36	3403	32136	14.98	ng/ml	100
47)	~~#Aroclor 1248(2)~~ NP	17.68	2121	51687	16.55	ng/ml	100
49)	~~#Aroclor 1248(4)~~ NP	20.30	2436	15585	4.02	ng/ml	100
54)	~~#Aroclor 1254(5)~~ NP	24.93	2991	17544	4.84	ng/ml	100
55)	~~#Aroclor 1260(2)~~ NP	24.93	2991	17544	2.51	ng/ml	100
56)	~~#Aroclor 1260(3)~~ NP	26.62	3194	58737	8.59	ng/ml	100
57)	~~#Aroclor 1260(4)~~ NP	30.31	3637	10464	.838	ng/ml	100

Compound uses ESTD

EPMc
7/30/96



Data File: >04480::G4 Quant Output File: ^04480::GQ
Name: PIBLK03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:22
Injected at: 960725 03:21

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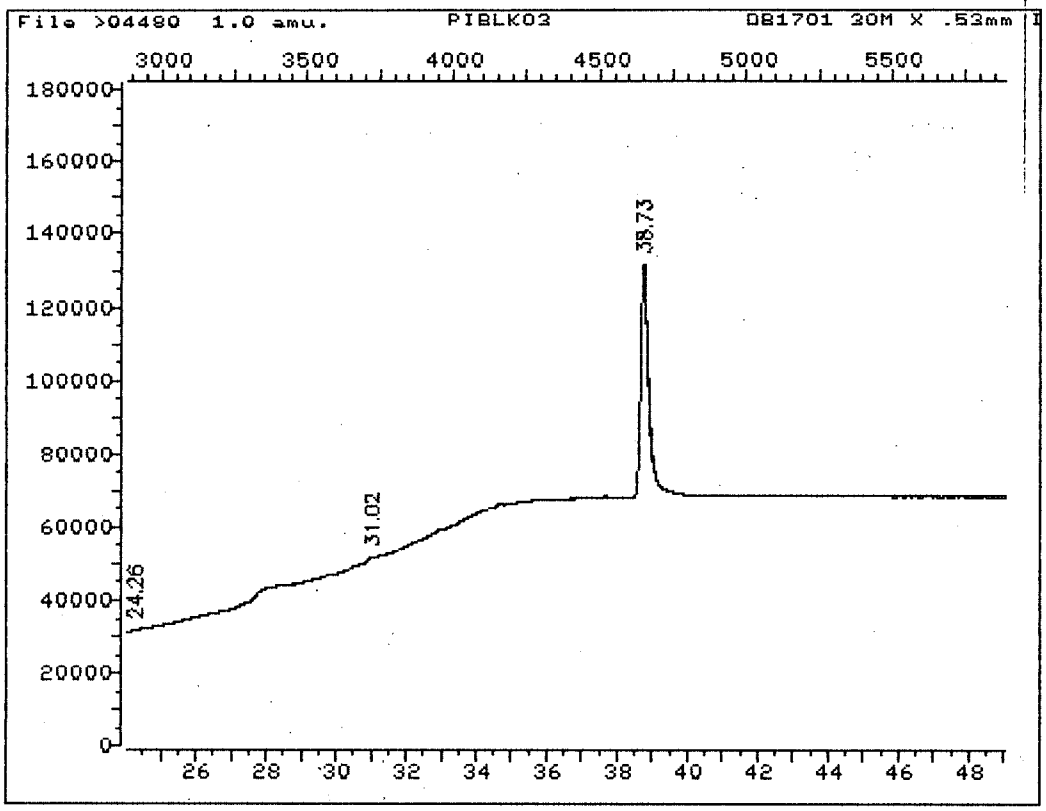

Data File: >04480::G4 Quant Output File: ^04480::GQ
Name: PIBLK03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:22
Injected at: 960725 03:21

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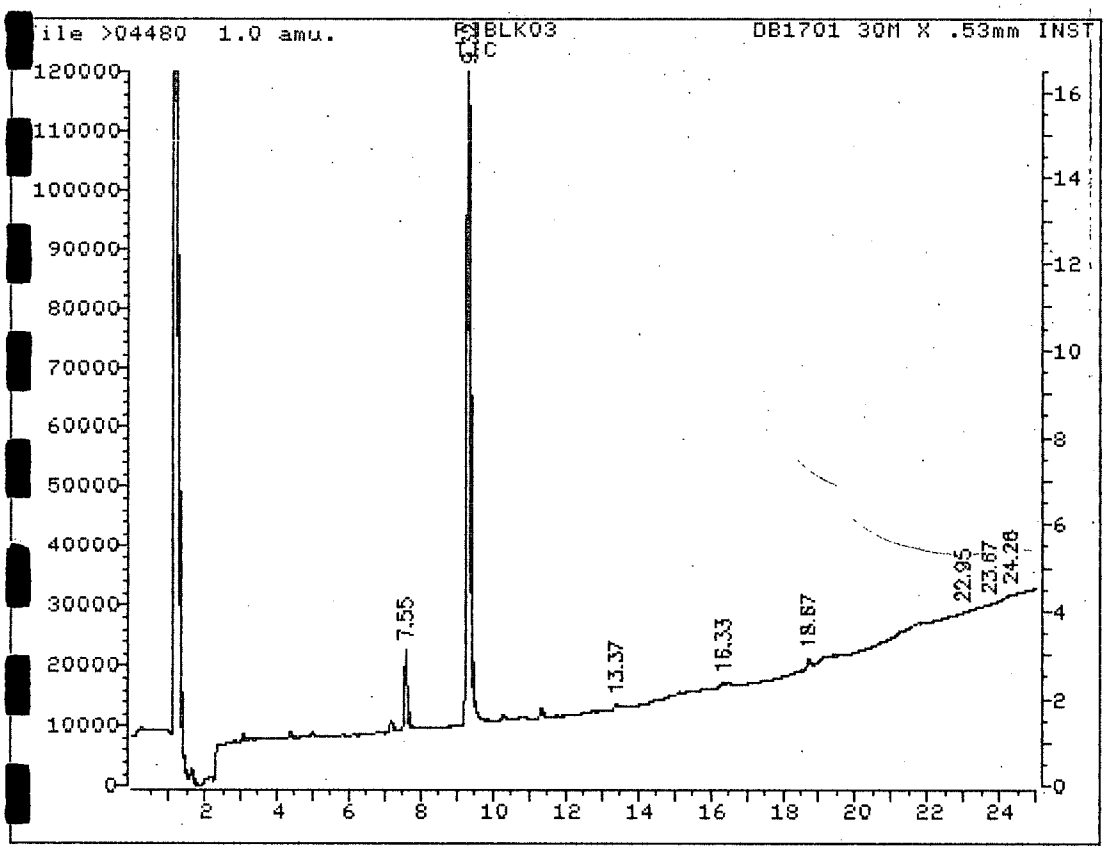
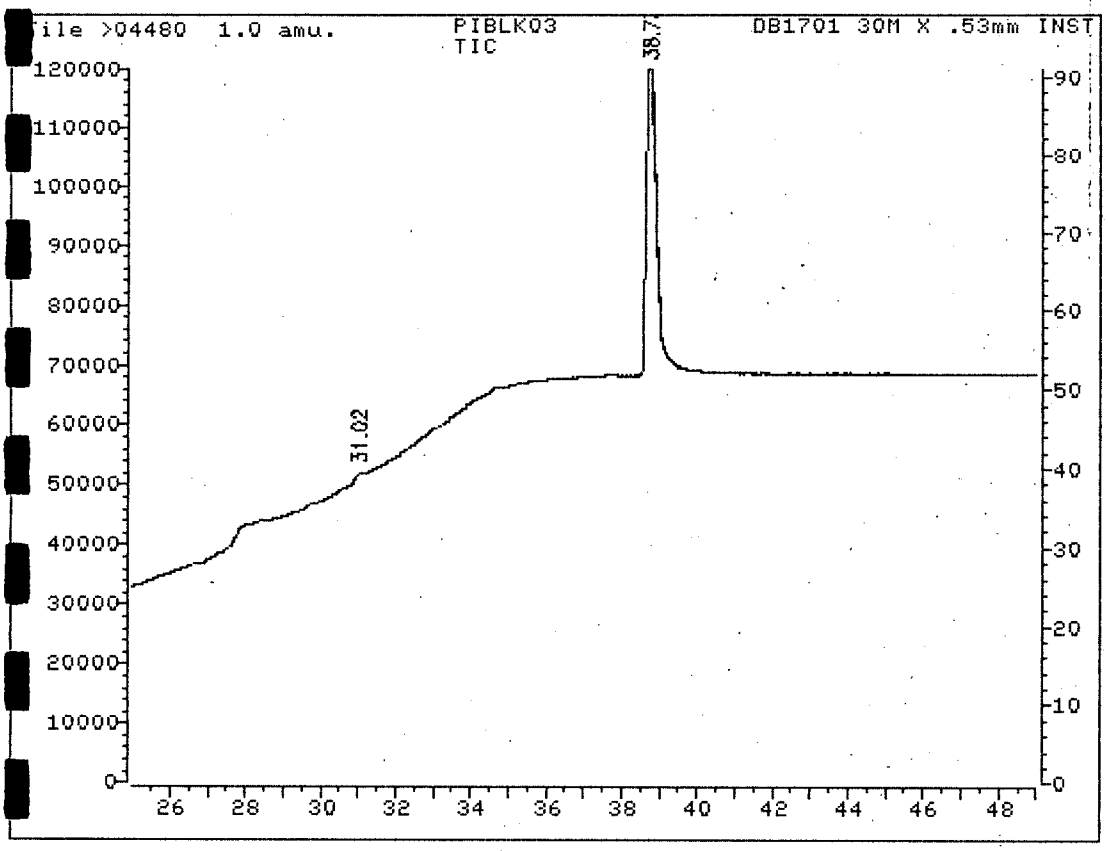


MS data file header from : >04480::G4

Sample: PIBLK03 Operator: TRFI2 7/25/96 3:21
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04480::G4

Sample: PIBLK03 Operator: TRFI2 7/25/96 3:21
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 10:22
Output File: ^04480::GQ Injected at: 960725 03:21
Data File: >04480::G4 Dilution Factor: 1.00000
Name: PIBLK03 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.32	1118	842122	18.93	ng/ml	100
2)	~~#alpha-BHC~~ NC	13.37	1604	11482	.348	ng/ml	100
3)	~~#beta-BHC~~ OW	18.67	2240	13591	.534	ng/ml	100
6)	~~#Heptachlor~~ NC	16.33	1960	9740	.204	ng/ml	100
12)	~~#Endrin~~ OW	24.26	2911	13218	.446	ng/ml	100
17)	~~#Methoxychlor~~ OW	31.02	3722	91207	7.03	ng/ml	100
19)	#Decachlorobiphenyl	38.73	4648	966678	20.56	ng/ml	100
24)	~~#Aroclor-1221(~~1) NP	7.55	906	74478	69.87	ng/ml	100
25)	~~#Aroclor-1232(~~1) NP	7.55	906	74478	42.32	ng/ml	100
29)	~~#Aroclor-1260(~~1) NP	23.67	2840	12022	4.97	ng/ml	100
36)	~~#Aroclor-1016(~~4) NP	16.33	1960	9740	6.53	ng/ml	100
37)	~~#Aroclor-1016(~~5) NP	18.67	2240	13591	6.87	ng/ml	100
48)	~~#Aroclor-1248(~~3) NP	18.67	2240	13591	6.08	ng/ml	100
53)	~~#Aroclor-1254(~~4) NP	22.95	2754	8873	3.67	ng/ml	100
54)	~~#Aroclor-1254(~~5) NP	23.67	2840	12022	8.17	ng/ml	100

Compound uses ESTD

EPuu
7/30/96

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK04

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Matrix: (soil/water) WATER Lab Sample ID: PIBLK04

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 03492

% Moisture: _____ decanted: (Y/N)___ Date Received: 00/00/00

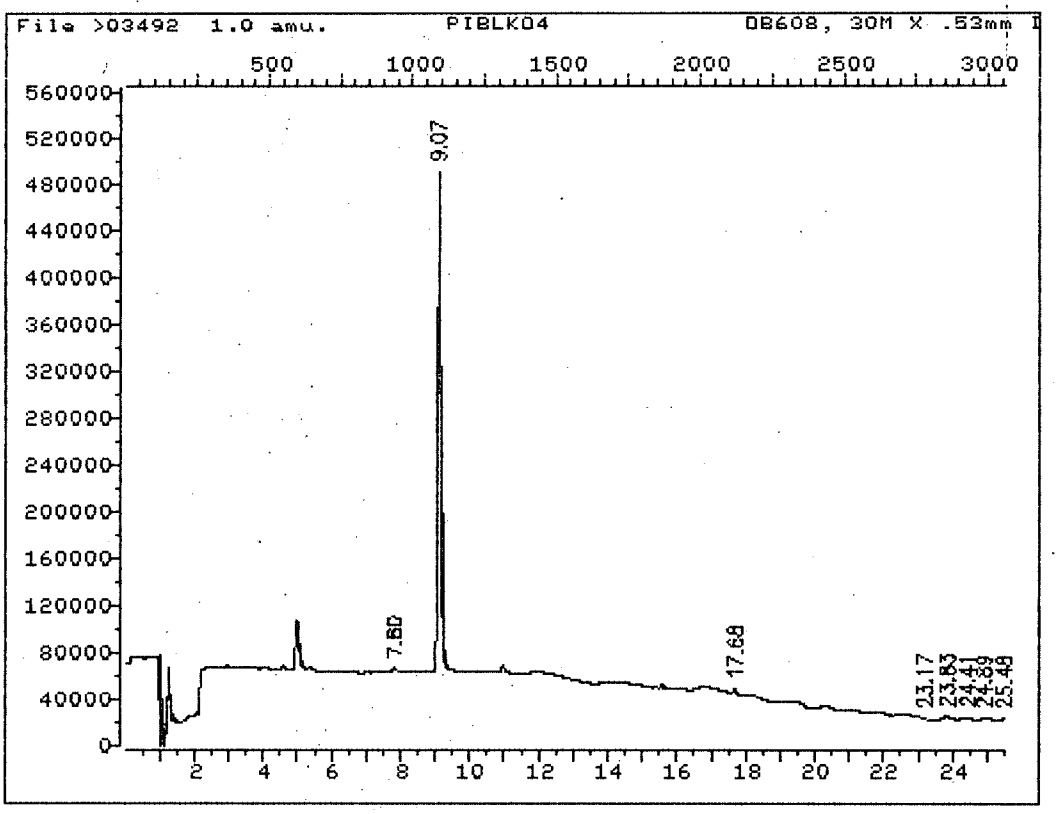
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 00/00/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	.025	U
319-85-7	beta-BHC	.025	U
319-86-8	delta-BHC	.025	U
58-89-9	gamma-BHC (Lindane)	.025	U
76-44-8	Heptachlor	.025	U
309-00-2	Aldrin	.025	U
1024-57-3	Heptachlor epoxide	.025	U
959-98-8	Endosulfan I	.025	U
60-57-1	Dieldrin	.050	U
72-55-9	4,4'-DDE	.050	U
72-20-8	Endrin	.050	U
33213-65-9	Endosulfan II	.050	U
72-54-8	4,4'-DDD	.050	U
1031-07-8	Endosulfan Sulfate	.050	U
50-29-3	4,4'-DDT	.050	U
72-43-5	Methoxychlor	.25	U
53494-70-5	Endrin ketone	.050	U
7421-93-4	Endrin aldehyde	.050	U
5103-71-9	alpha-Chlordane	.025	U
5103-74-2	gamma-Chlordane	.025	U
8001-35-2	Toxaphene	2.5	U
12674-11-2	Aroclor-1016	.50	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	.50	U
53469-21-9	Aroclor-1242	.50	U
12672-29-6	Aroclor-1248	.50	U
11097-69-1	Aroclor-1254	.50	U
11096-82-5	Aroclor-1260	.50	U



Data File: >03492::G2 Quant Output File: ^03492::GQ
Name: PIBLK04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:03
Injected at: 960725 14:21

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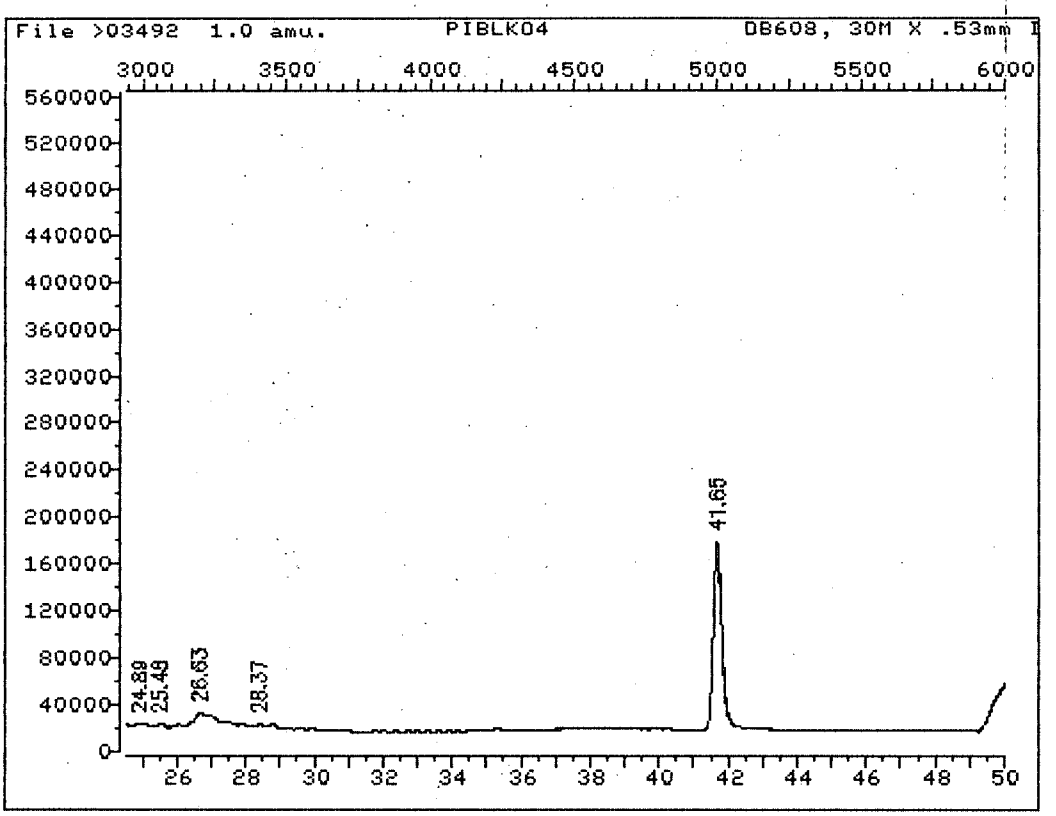
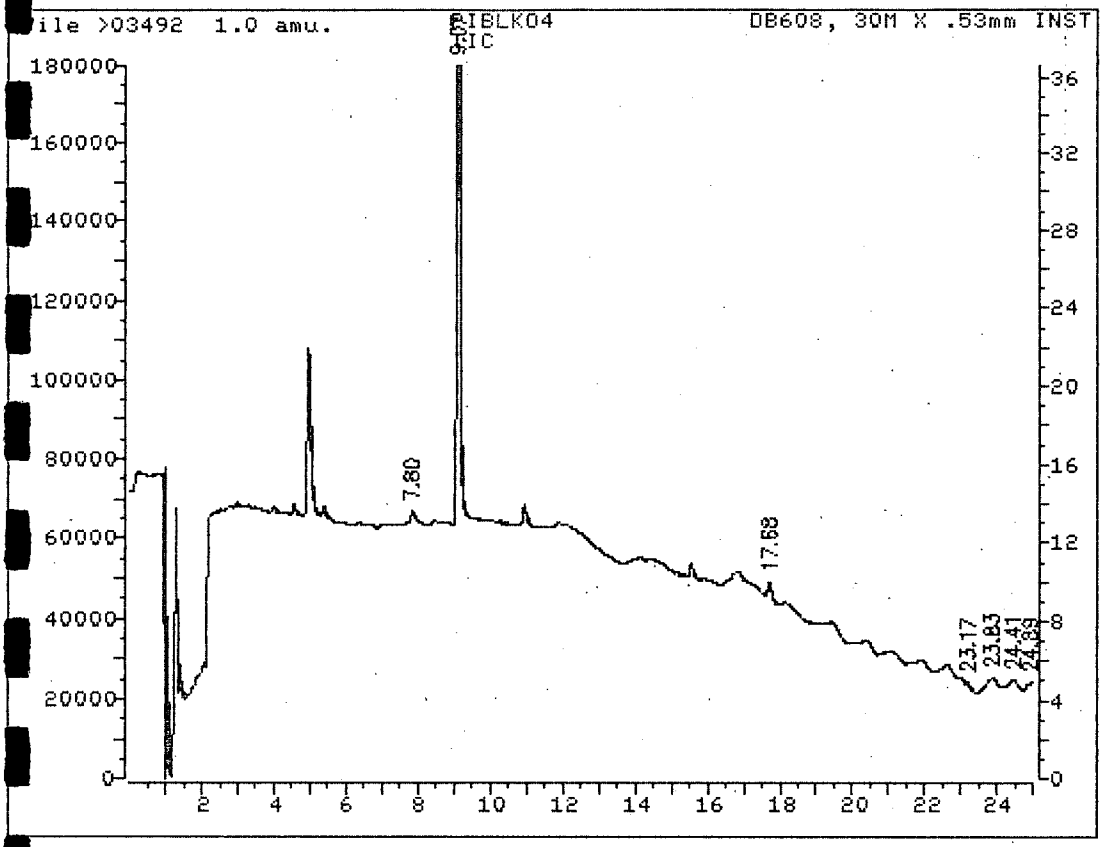


Data File: >03492::G2 Quant Output File: ^03492::GQ
Name: PIBLK04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:03
Injected at: 960725 14:21

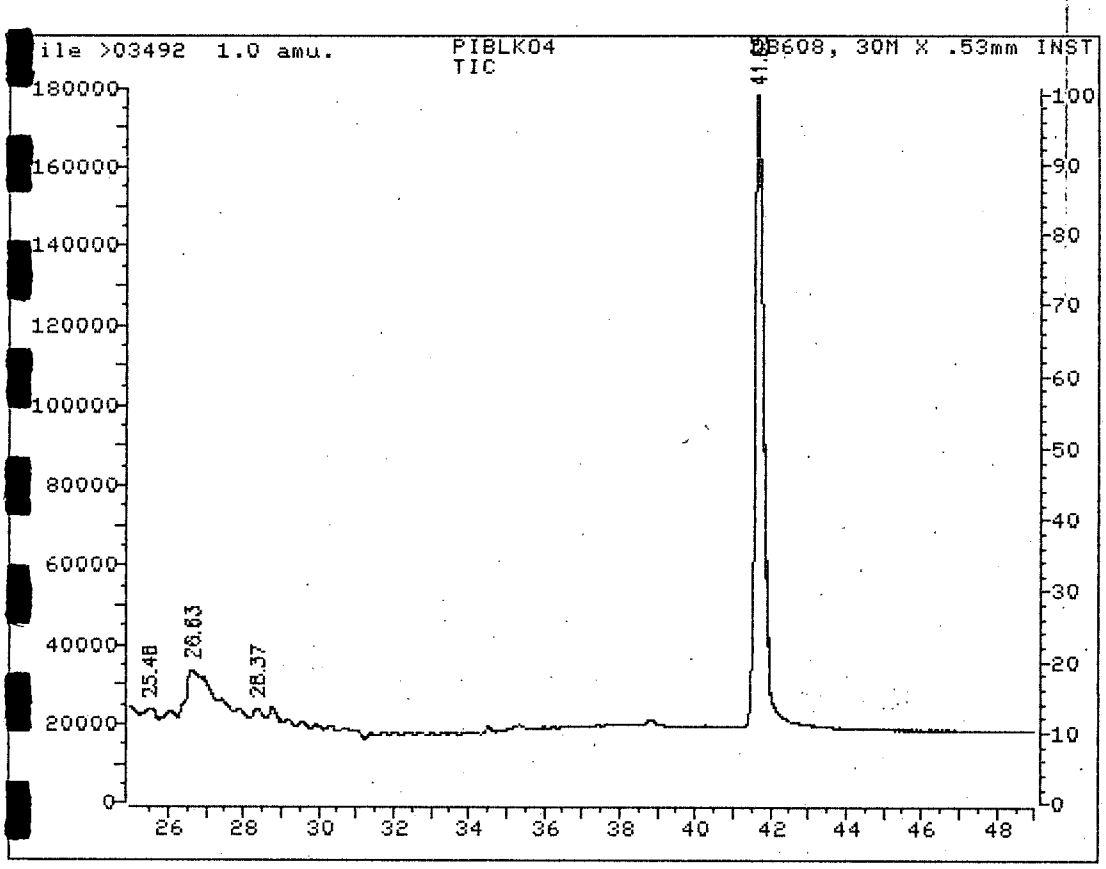
Page 2 of 2



MS data file header from : >03492::G2

Sample: PIBLK04 Operator: TRFI2 7/25/96 14:21
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03492::G2

Sample: PIBLK04 Operator: TRFI2 7/25/96 14:21
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

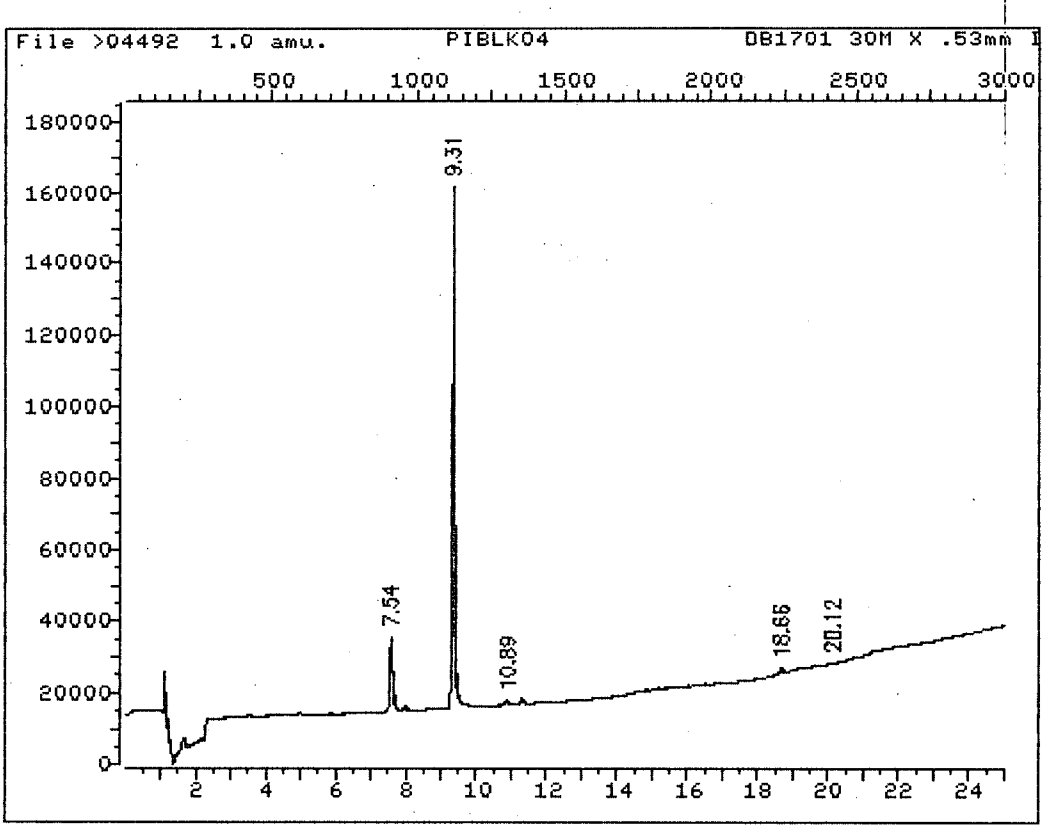
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 10:03
Output File: ^03492::GQ Injected at: 960725 14:21
Data File: >03492::G2 Dilution Factor: 1.00000
Name: PIBLK04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.07	1088	2486157	19.32	ng/ml	100
10)	~~#Dieldrin~~ OW	23.17	2780	19515	.199	ng/ml	100
12)	~~#Endrin~~ OW	24.89	2986	13526	.152	ng/ml	100
14)	~~#4,4'-DDD~~ OW	25.48	3057	13058	.214	ng/ml	100
15)	~~#Endosulfan Sulfate~~ OW	28.37	3404	29323	.328	ng/ml	100
19)	#Decachlorobiphenyl	41.65	4998	2568992	21.56	ng/ml	100
22)	~~#Toxaphene(1)~~ NP	23.83	2860	53006	32.32	ng/ml	100
24)	~~#Aroclor-1221(1)~~ NP	7.80	936	24079	29.45	ng/ml	100
29)	~~#Aroclor-1260(1)~~ NP	24.41	2929	13690	2.20	ng/ml	100
32)	~~#Toxaphene(3)~~ NP	28.37	3404	29323	13.67	ng/ml	100
47)	~~#Aroclor-1248(2)~~ NP	17.68	2122	46585	14.92	ng/ml	100
52)	~~#Aroclor-1254(3)~~ NP	23.17	2780	19515	6.49	ng/ml	100
54)	~~#Aroclor-1254(5)~~ NP	24.89	2986	13526	3.73	ng/ml	100
55)	~~#Aroclor-1260(2)~~ NP	24.89	2986	13526	1.93	ng/ml	100
56)	~~#Aroclor-1260(3)~~ NP	26.63	3195	119142	17.41	ng/ml	100

Compound uses ESTD

EPMc
7/30/96

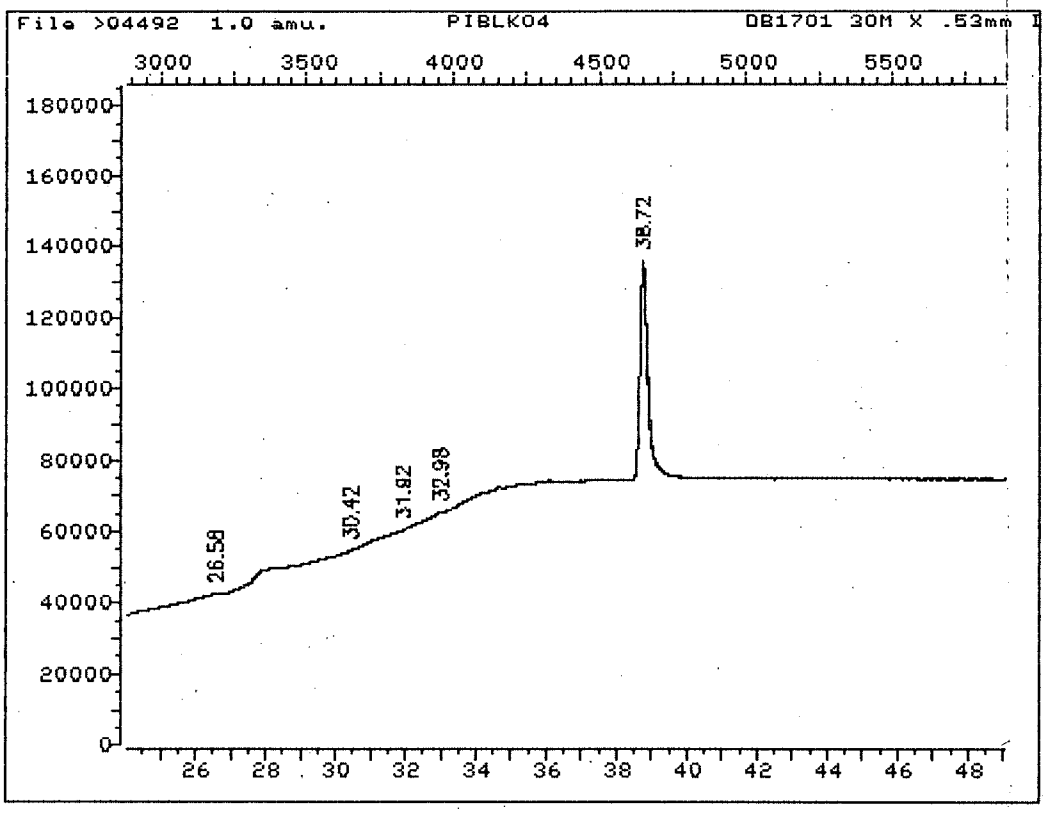


Data File: >04492::G4 Quant Output File: ^04492::GQ
Name: PIBLK04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:41
Injected at: 960725 14:21

Page 1 of 2

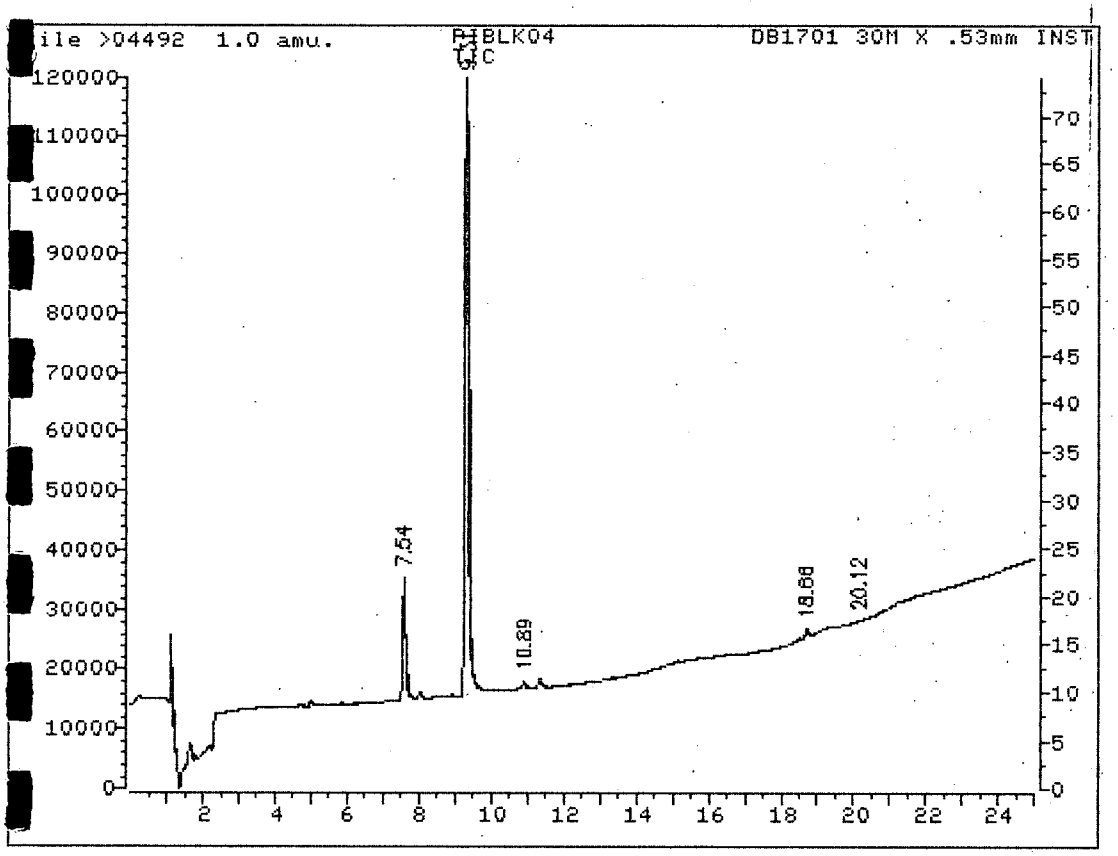


Data File: >04492::G4 Quant Output File: ^04492::GQ
Name: PIBLK04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 10:41
Injected at: 960725 14:21

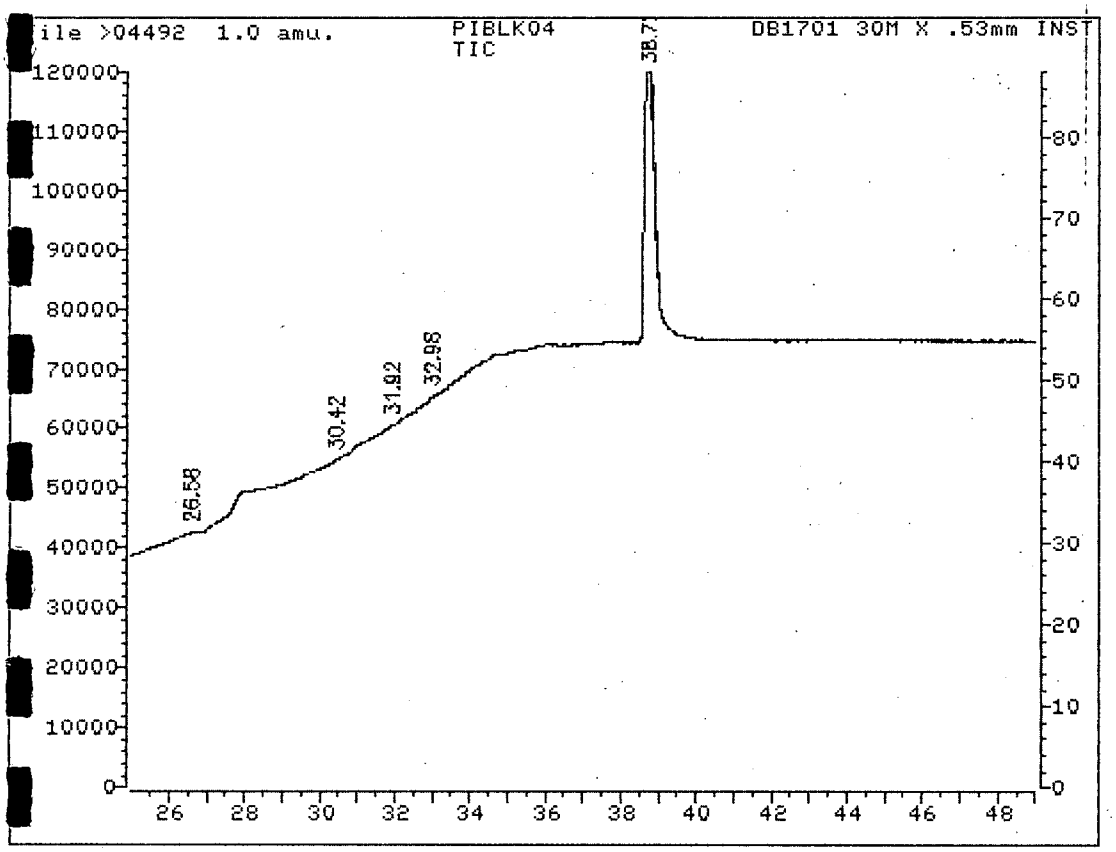
Page 2 of 2



MS data file header from : >04492::G4

Sample: PIBLK04 Operator: TRFI2 7/25/96 14:21
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04492::G4

Sample: PIBLK04 Operator: TRFI2 7/25/96 14:21
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 10:41
Output File: ^04492::GQ Injected at: 960725 14:21
Data File: >04492::G4 Dilution Factor: 1.00000
Name: PIBLK04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.31	1117	826222	18.57	ng/ml	100
3)	~~#beta-BHC~~ NC	18.66	2239	12014	.472	ng/ml	100
13)	~~#Endosulfan~~ II OW	26.58	3189	8080	.229	ng/ml	100
15)	~~#Endosulfan Sulfate~~ OW	30.42	3650	26125	.963	ng/ml	100
18)	~~#Endrin ketone~~ NC	32.98	3957	78868	2.39	ng/ml	100
19)	#Decachlorobiphenyl	38.72	4646	941278	20.02	ng/ml	100
24)	~~#Aroclor 1221~~(1) NP	7.54	905	115899	108.72	ng/ml	100
25)	~~#Aroclor-1232~~(1) NP	7.54	905	115899	65.85	ng/ml	100
32)	~~#Toxaphene(3)~~ NP	30.42	3650	25881	49.22	ng/ml	100
33)	~~#Toxaphene(4)~~ NP	31.92	3830	66010	131.34	ng/ml	100
37)	~~#Aroclor-1016(5)~~ NP	18.66	2239	11314	5.72	ng/ml	100
38)	~~#Aroclor-1221(2)~~ NP	10.89	1307	6059	9.57	ng/ml	100
48)	~~#Aroclor-1248(3)~~ NP	18.66	2239	11314	5.06	ng/ml	100
51)	~~#Aroclor-1254(2)~~ NP	20.12	2414	7649	3.82	ng/ml	100
58)	~~#Aroclor-1260(5)~~ NP	31.92	3830	35676	13.37	ng/ml	100

Compound uses ESTD

EPrice
7/30/96

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK05

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Matrix: (soil/water) WATER Lab Sample ID: PIBLK05

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 03504

% Moisture: _____ decanted: (Y/N)___ Date Received: 00/00/00

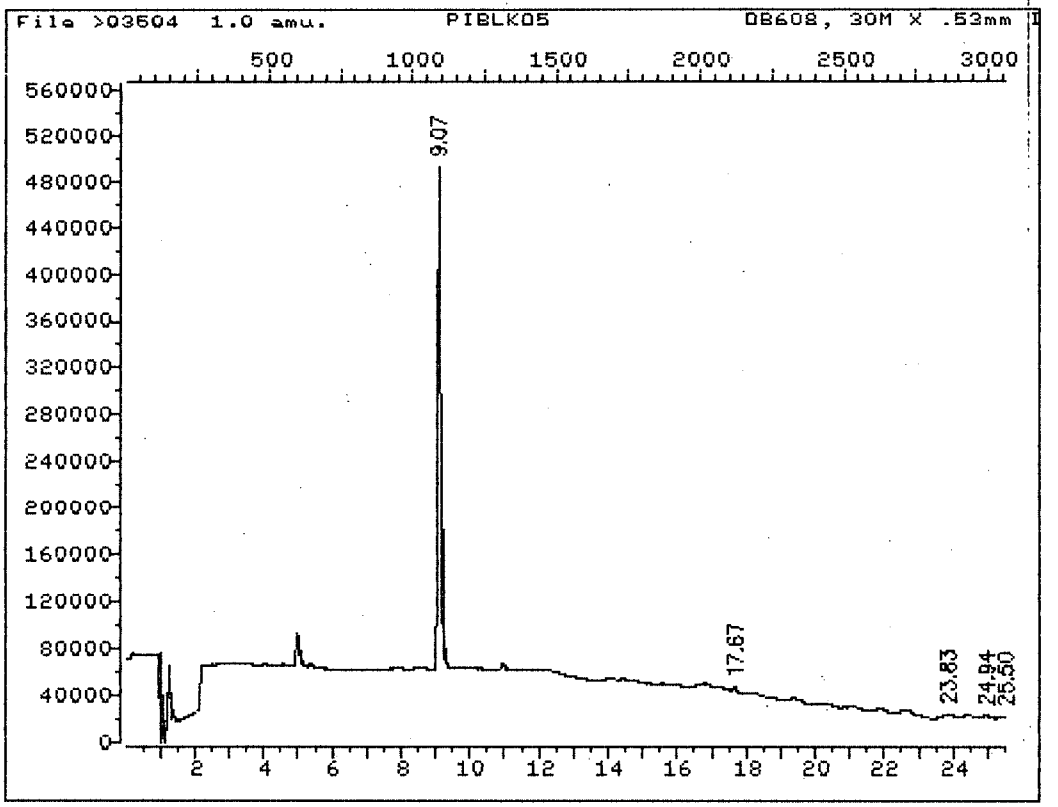
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 00/00/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/26/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	.025	U
319-85-7	beta-BHC	.025	U
319-86-8	delta-BHC	.025	U
58-89-9	gamma-BHC (Lindane)	.025	U
76-44-8	Heptachlor	.025	U
309-00-2	Aldrin	.025	U
1024-57-3	Heptachlor epoxide	.025	U
959-98-8	Endosulfan I	.025	U
60-57-1	Dieldrin	.050	U
72-55-9	4,4'-DDE	.050	U
72-20-8	Endrin	.050	U
33213-65-9	Endosulfan II	.050	U
72-54-8	4,4'-DDD	.050	U
1031-07-8	Endosulfan Sulfate	.050	U
50-29-3	4,4'-DDT	.050	U
72-43-5	Methoxychlor	.25	U
53494-70-5	Endrin ketone	.050	U
7421-93-4	Endrin aldehyde	.050	U
5103-71-9	alpha-Chlordane	.025	U
5103-74-2	gamma-Chlordane	.025	U
8001-35-2	Toxaphene	2.5	U
12674-11-2	Aroclor-1016	.50	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	.50	U
53469-21-9	Aroclor-1242	.50	U
12672-29-6	Aroclor-1248	.50	U
11097-69-1	Aroclor-1254	.50	U
11096-82-5	Aroclor-1260	.50	U

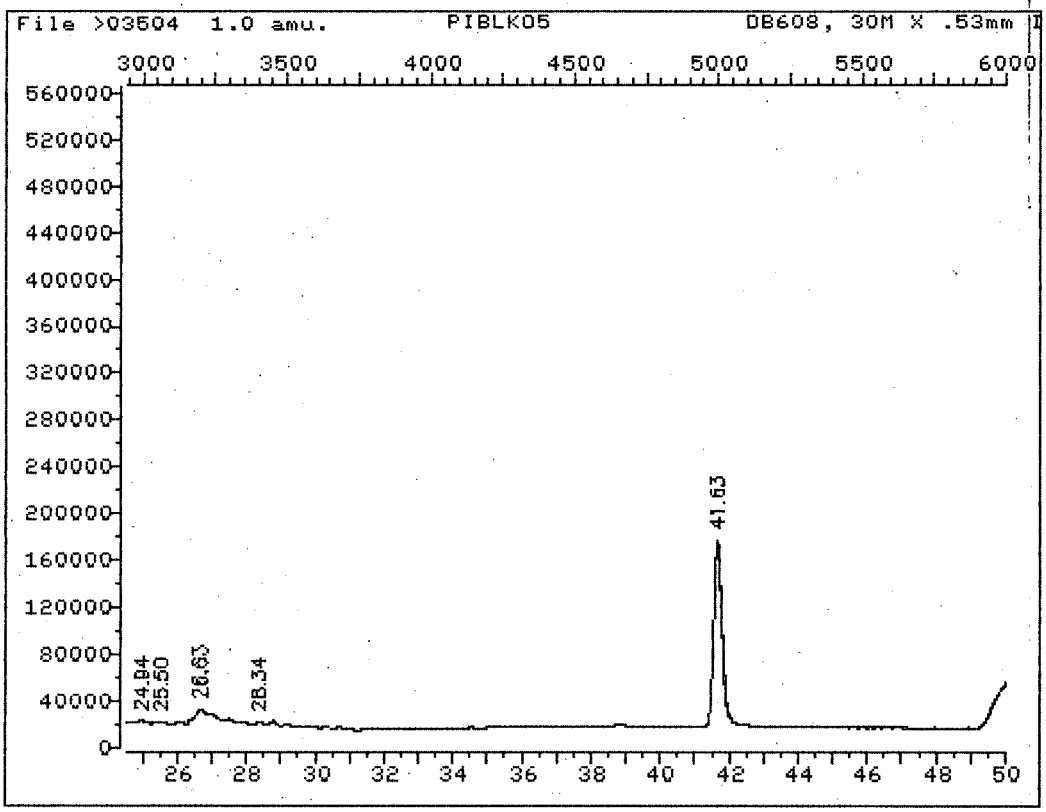


Data File: >03504::G2 Quant Output File: ^03504::GQ
Name: PIBLK05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:00
Injected at: 960726 01:21

Page 1 of 2

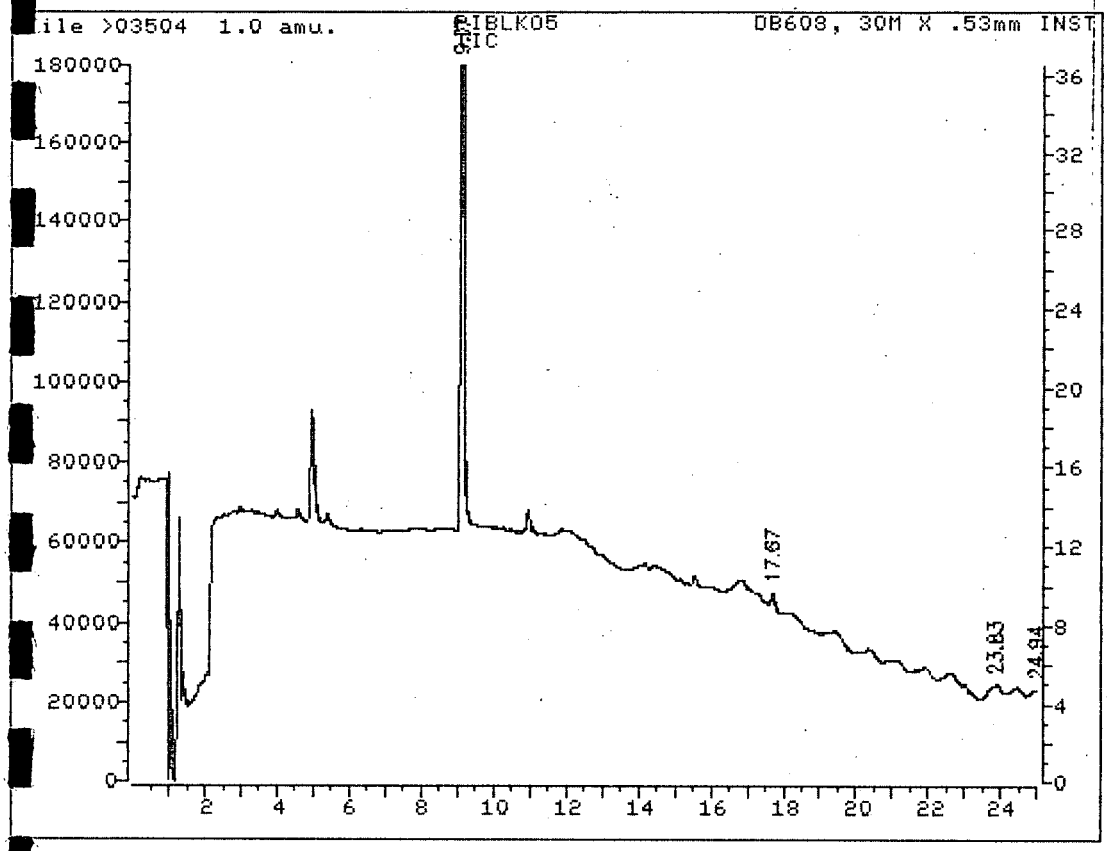


Data File: >03504::G2 Quant Output File: ^03504::GQ
Name: PIBLK05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:00
Injected at: 960726 01:21

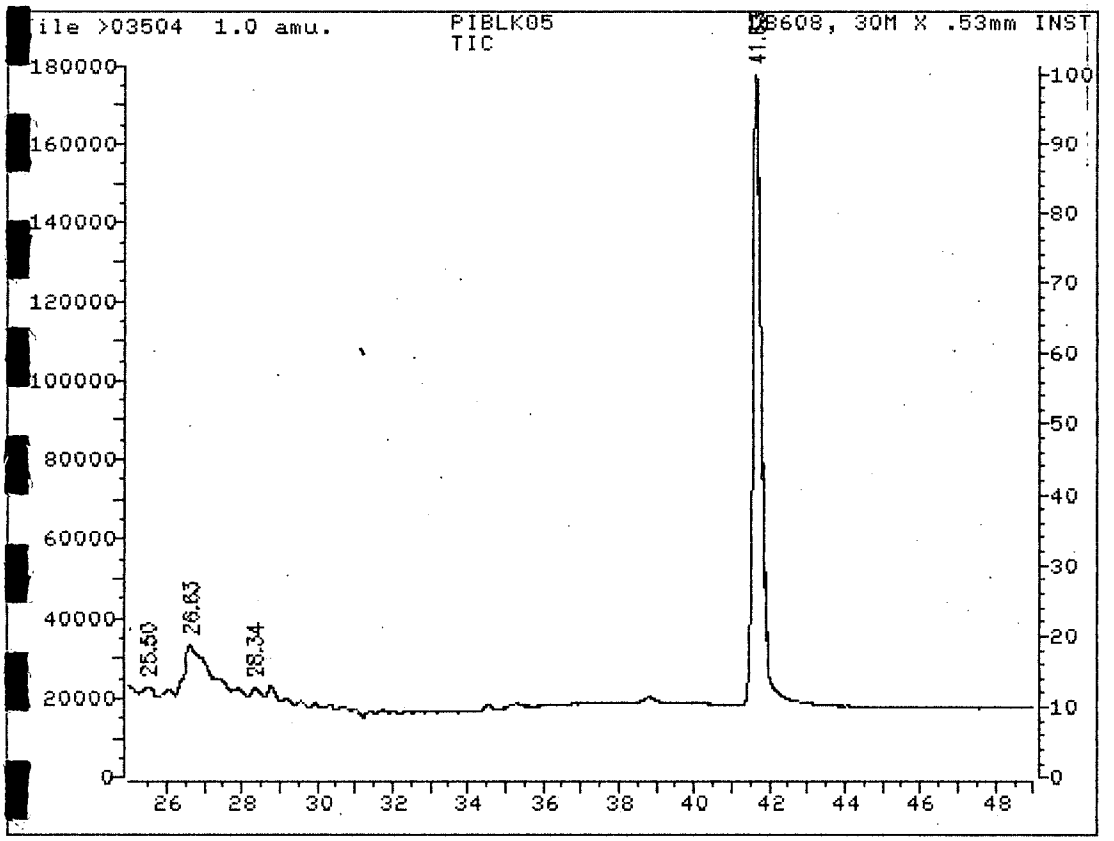
Page 2 of 2



MS data file header from : >03504::G2

Sample: PIBLK05 Operator: TRFI2 7/26/96 1:21
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03504::G2

Sample: PIBLK05 Operator: TRFI2 7/26/96 1:21
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

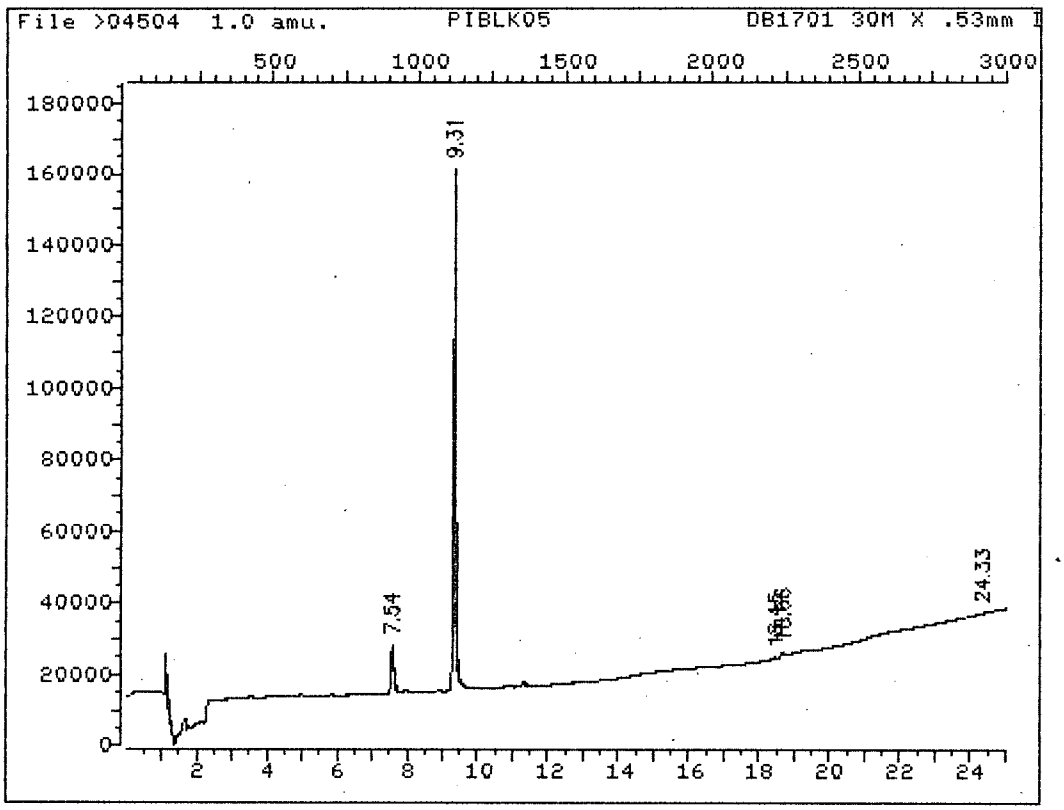
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:00
Output File: ^03504::GQ Injected at: 960726 01:21
Data File: >03504::G2 Dilution Factor: 1.00000
Name: PIBLK05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.07	1088	2477022	19.25	ng/ml	100
12)	~~#Endrin~~ OW	24.94	2993	17627	.198	ng/ml	100
14)	~~#4,4' DDD~~ OW	25.50	3060	29977	.491	ng/ml	100
15)	~~#Endosulfan Sulfate~~ NC	28.34	3400	8530	.0955	ng/ml	100
19)	#Decachlorobiphenyl	41.63	4996	2548450	21.39	ng/ml	100
22)	~~#Toxaphene(1)~~ ND	23.83	2860	45613	27.81	ng/ml	100
32)	~~#Toxaphene(3)~~ NP	28.34	3400	8530	3.98	ng/ml	100
47)	~~#Aroclor-1248(2)~~ NP	17.67	2120	37608	12.05	ng/ml	100
54)	~~#Aroclor-1254(5)~~ NP	24.94	2993	17627	4.87	ng/ml	100
55)	~~#Aroclor-1260(2)~~ NP	24.94	2993	17627	2.52	ng/ml	100
56)	~~#Aroclor-1260(3)~~ ND	26.63	3195	229731	33.58	ng/ml	100

Compound uses ESTD

EPrui
7/31/96



Data File: >04504::G4 Quant Output File: ^04504::GQ
Name: PIBLK05 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:33
Injected at: 960726 01:21

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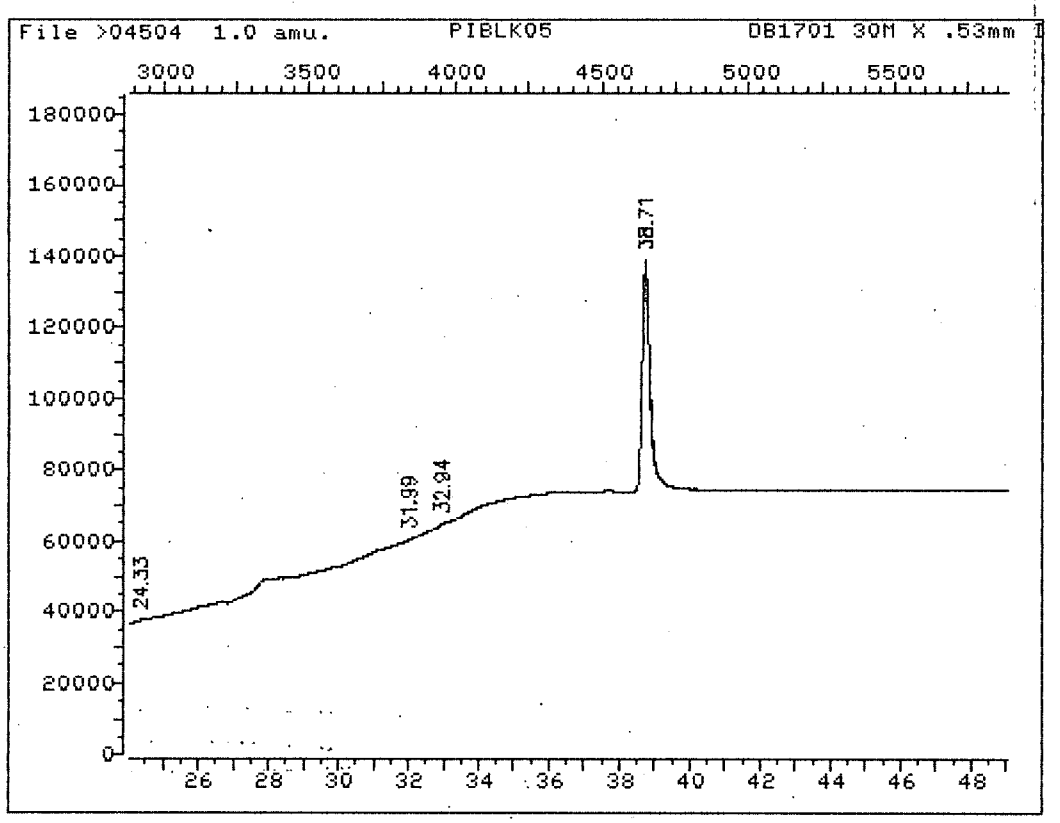

Data File: >04504::G4 Quant Output File: ^04504::GQ
Name: PIBLK05 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:33
Injected at: 960726 01:21

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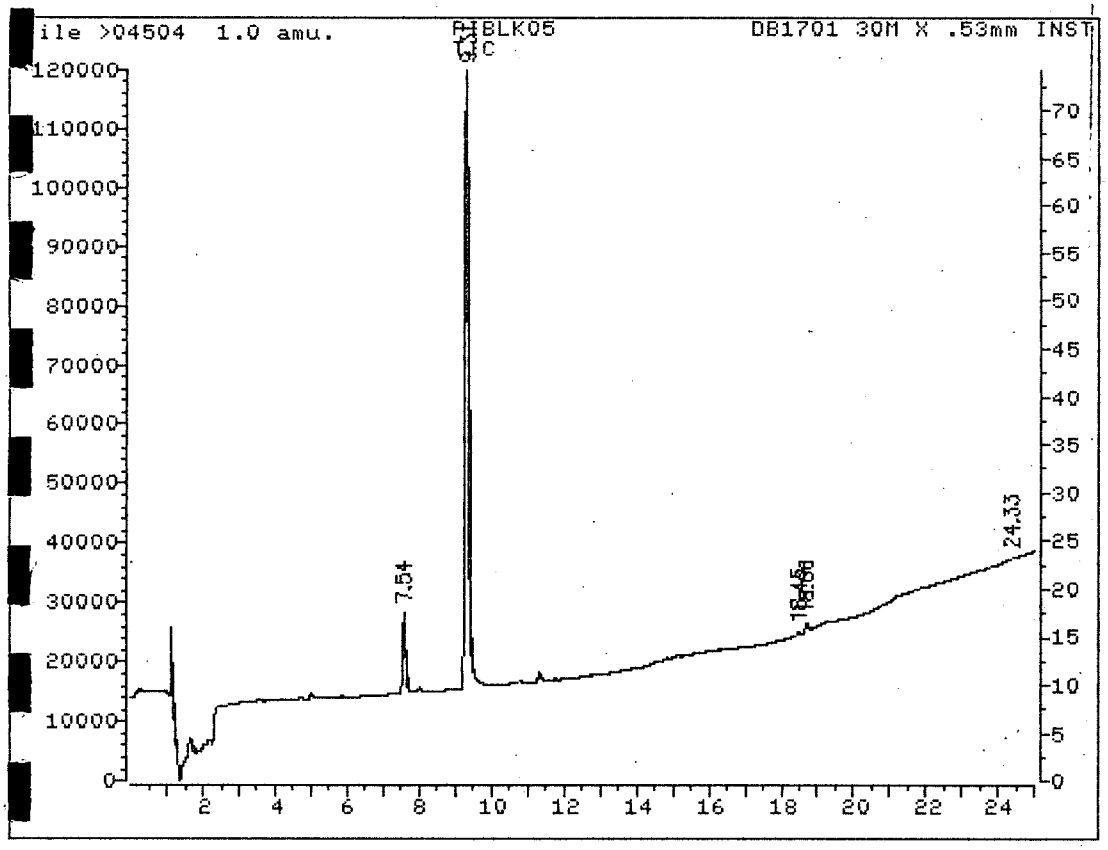
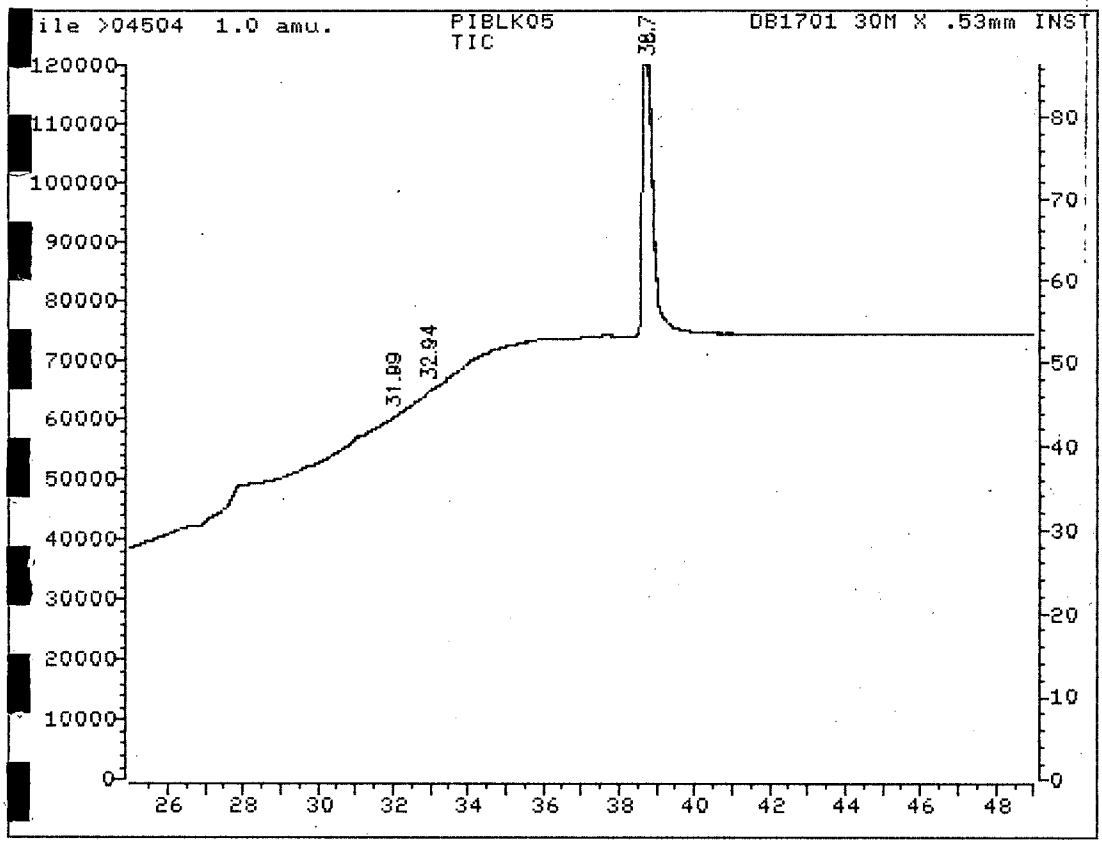


MS data file header from : >04504::G4

Sample: PIBLK05 Operator: TRFI2 7/26/96 1:21
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04504::G4

Sample: PIBLK05 Operator: TRFI2 7/26/96 1:21
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:33
Output File: ^04504::GQ Injected at: 960726 01:21
Data File: >04504::G4 Dilution Factor: 1.00000
Name: PIBLK05 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.31	1117	826854	18.58	ng/ml	100
3)	~~#beta-BHC~~ NC	18.66	2239	9258	.364	ng/ml	100
12)	~~#Endrin~~ NC	24.33	2920	13570	.458	ng/ml	100
18)	~~#Endrin ketone~~ NC	32.94	3953	72657	2.20	ng/ml	100
19)	#Decachlorobiphenyl	38.71	4645	952396	20.26	ng/ml	100
24)	~~#Aroclor-1221(1)~~ ND	7.54	905	74304	69.70	ng/ml	100
25)	~~#Aroclor-1232(1)~~ ND	7.54	905	74304	42.22	ng/ml	100
37)	~~#Aroclor-1016(5)~~ ND	18.45	2214	12242	6.19	ng/ml	100
48)	~~#Aroclor-1248(3)~~ ND	18.45	2214	12242	5.47	ng/ml	100
58)	~~#Aroclor-1260(5)~~ ND	31.99	3839	49373	18.51	ng/ml	100

Compound uses ESTD

EPMi
7/31/96

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK06

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Matrix: (soil/water) WATER Lab Sample ID: PIBLK06

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 03514

% Moisture: _____ decanted: (Y/N)___ Date Received: 00/00/00

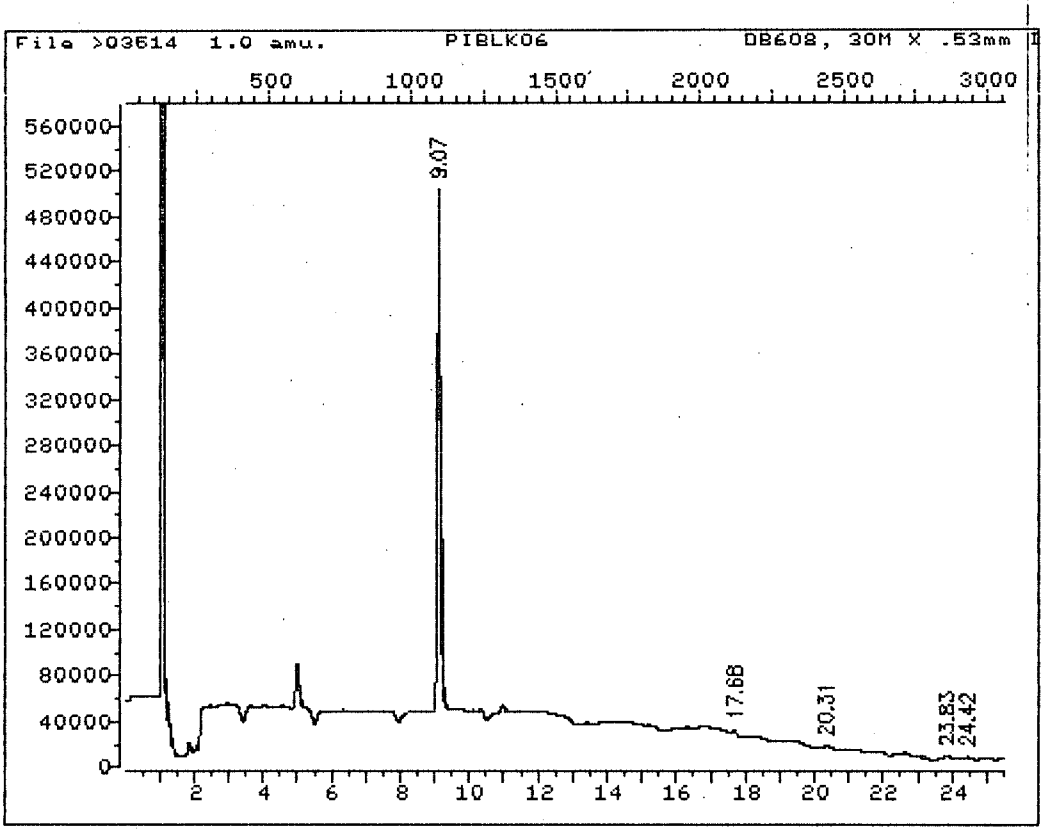
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 00/00/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/26/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	.025	U
319-85-7	beta-BHC	.025	U
319-86-8	delta-BHC	.025	U
58-89-9	gamma-BHC (Lindane)	.025	U
76-44-8	Heptachlor	.025	U
309-00-2	Aldrin	.025	U
1024-57-3	Heptachlor epoxide	.025	U
959-98-8	Endosulfan I	.025	U
60-57-1	Dieldrin	.050	U
72-55-9	4,4'-DDE	.050	U
72-20-8	Endrin	.050	U
33213-65-9	Endosulfan II	.050	U
72-54-8	4,4'-DDD	.050	U
1031-07-8	Endosulfan Sulfate	.050	U
50-29-3	4,4'-DDT	.050	U
72-43-5	Methoxychlor	.25	U
53494-70-5	Endrin ketone	.050	U
7421-93-4	Endrin aldehyde	.050	U
5103-71-9	alpha-Chlordane	.025	U
5103-74-2	gamma-Chlordane	.025	U
8001-35-2	Toxaphene	2.5	U
12674-11-2	Aroclor-1016	.50	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	.50	U
53469-21-9	Aroclor-1242	.50	U
12672-29-6	Aroclor-1248	.50	U
11097-69-1	Aroclor-1254	.50	U
11096-82-5	Aroclor-1260	.50	U

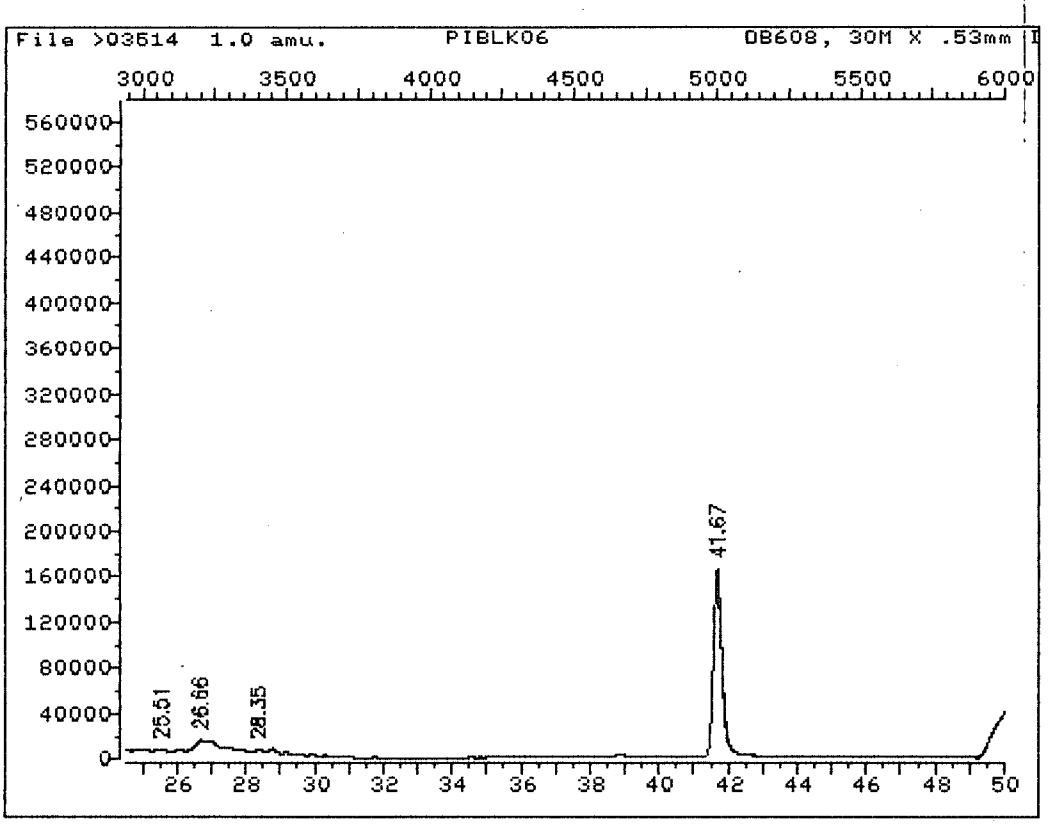


Data File: >03514::G2 Quant Output File: ^03514::GQ
Name: PIBLK06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:15
Injected at: 960726 10:30

Page 1 of 2

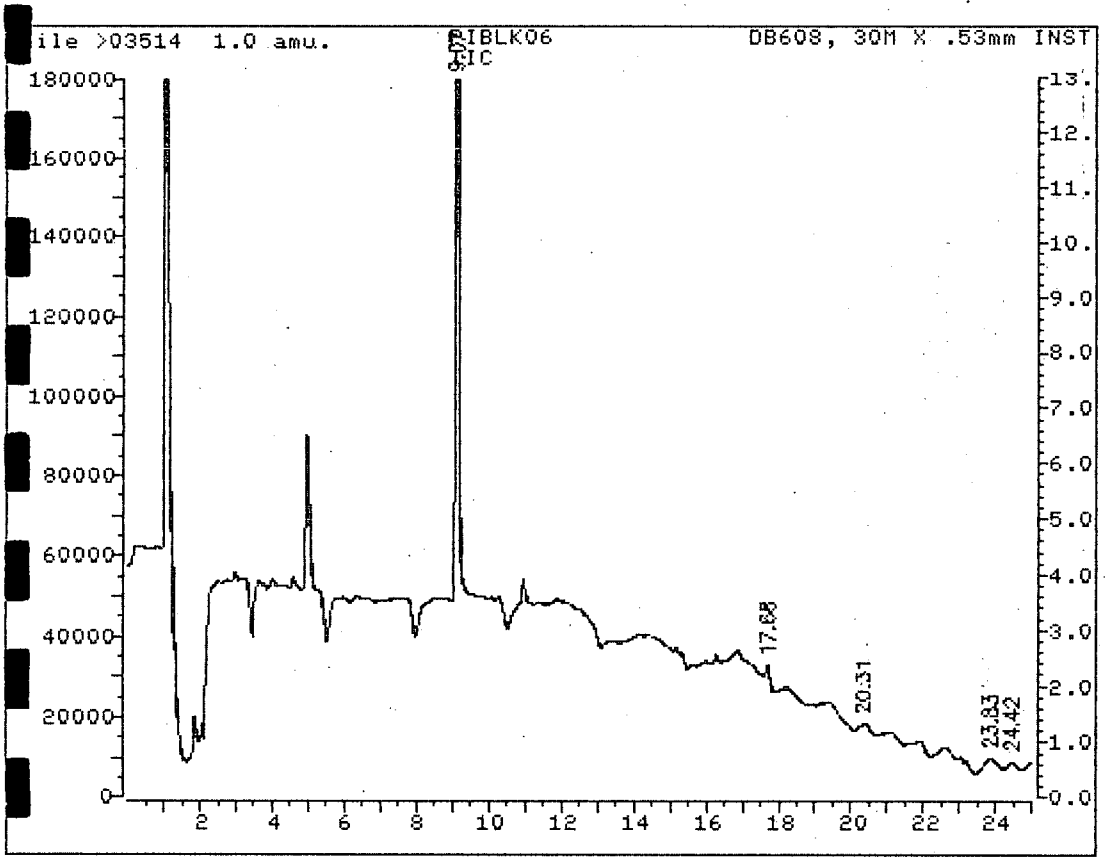


Data File: >03514::G2 Quant Output File: ^03514::GQ
Name: PIBLK06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:15
Injected at: 960726 10:30

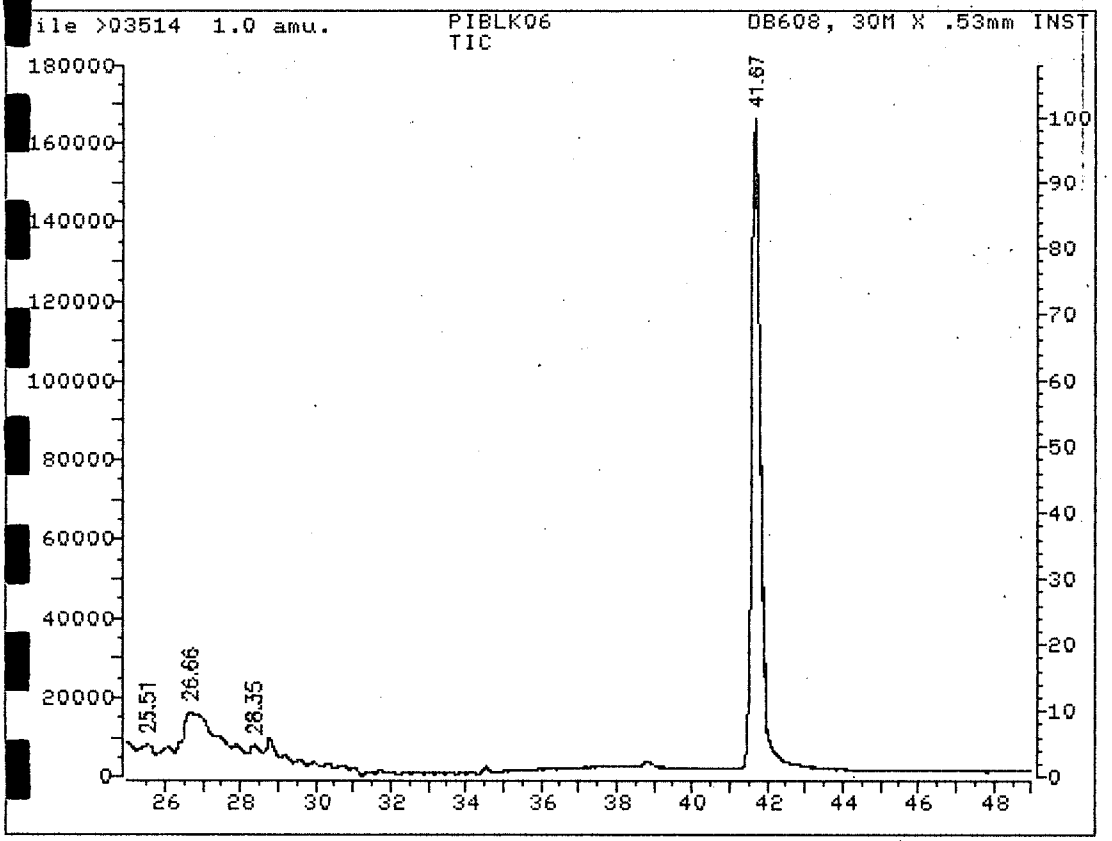
Page 2 of 2



MS data file header from : >03514::G2

Sample: PIBLK06 Operator: TRFI2 7/26/96 10:30
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03514::G2

Sample: PIBLK06 Operator: TRFI2 7/26/96 10:30
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:15
Output File: ^03514::GQ Injected at: 960726 10:30
Data File: >03514::G2 Dilution Factor: 1.00000
Name: PIBLK06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.07	1089	2602568	20.23	ng/ml	100
14)	#~~4,4'-DDD~~ OW	25.51	3061	44198	.724	ng/ml	100
15)	#~~Endosulfan Sulfate~~ NC	28.35	3402	28688	.321	ng/ml	100
19)	#Decachlorobiphenyl	41.67	5000	2660845	22.34	ng/ml	100
22)	#~~Toxaphene(~~1) NP	23.83	2859	44638	27.22	ng/ml	100
29)	#~~Aroclor 1260(1~~)NP	24.42	2930	29561	4.76	ng/ml	100
32)	#~~Toxaphene(3~~) NP	28.35	3402	28688	13.37	ng/ml	100
47)	#~~Aroclor-1248(~~2) NP	17.68	2121	47955	15.36	ng/ml	100
49)	#~~Aroclor 1248(4~~)NP	20.31	2437	12474	3.22	ng/ml	100
56)	#~~Aroclor 1260(~~3)NP	26.66	3199	78272	11.44	ng/ml	100

Compound uses ESTD

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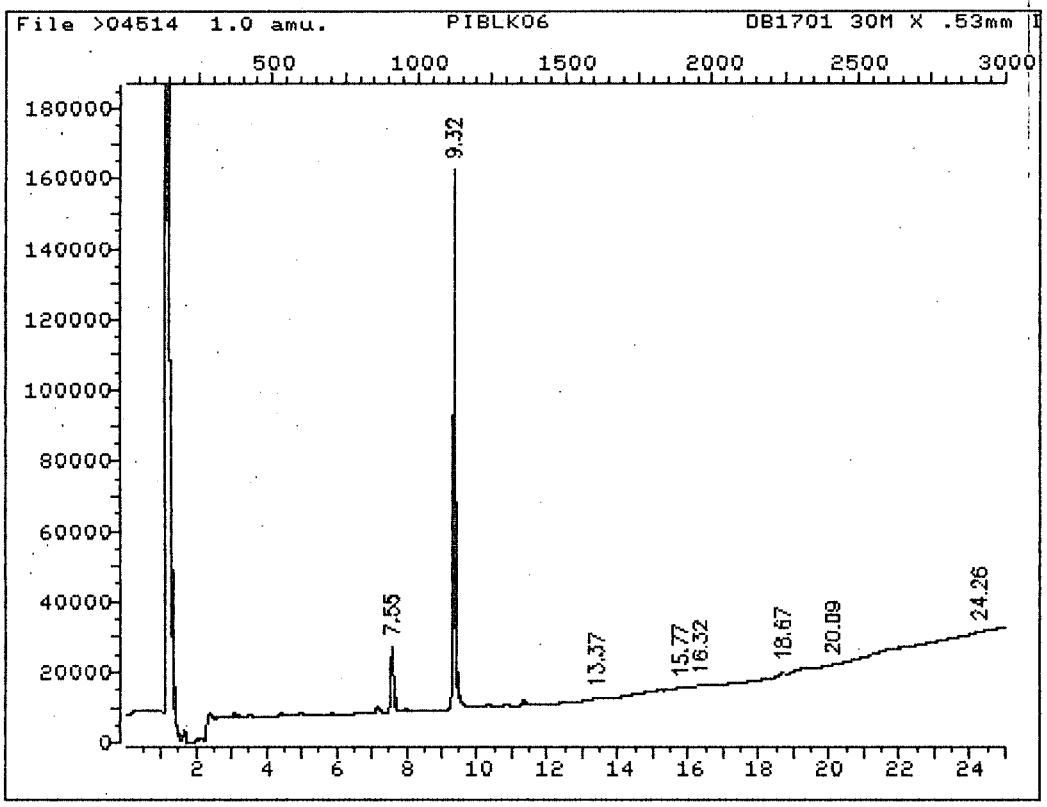

Data File: >04514::G4 Quant Output File: ^04514::GQ
Name: PIBLK06 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:46
Injected at: 960726 10:31

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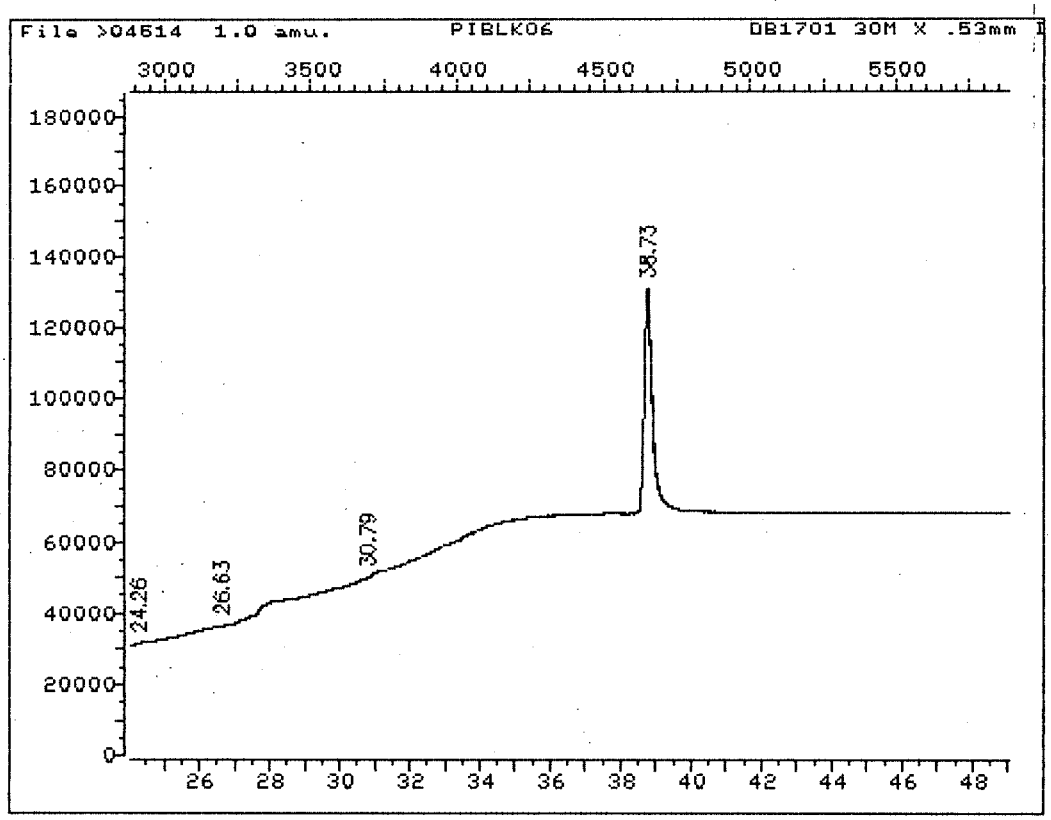

Data File: >04514::G4 Quant Output File: ^04514::GQ
Name: PIBLK06 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960730 11:46
Injected at: 960726 10:31

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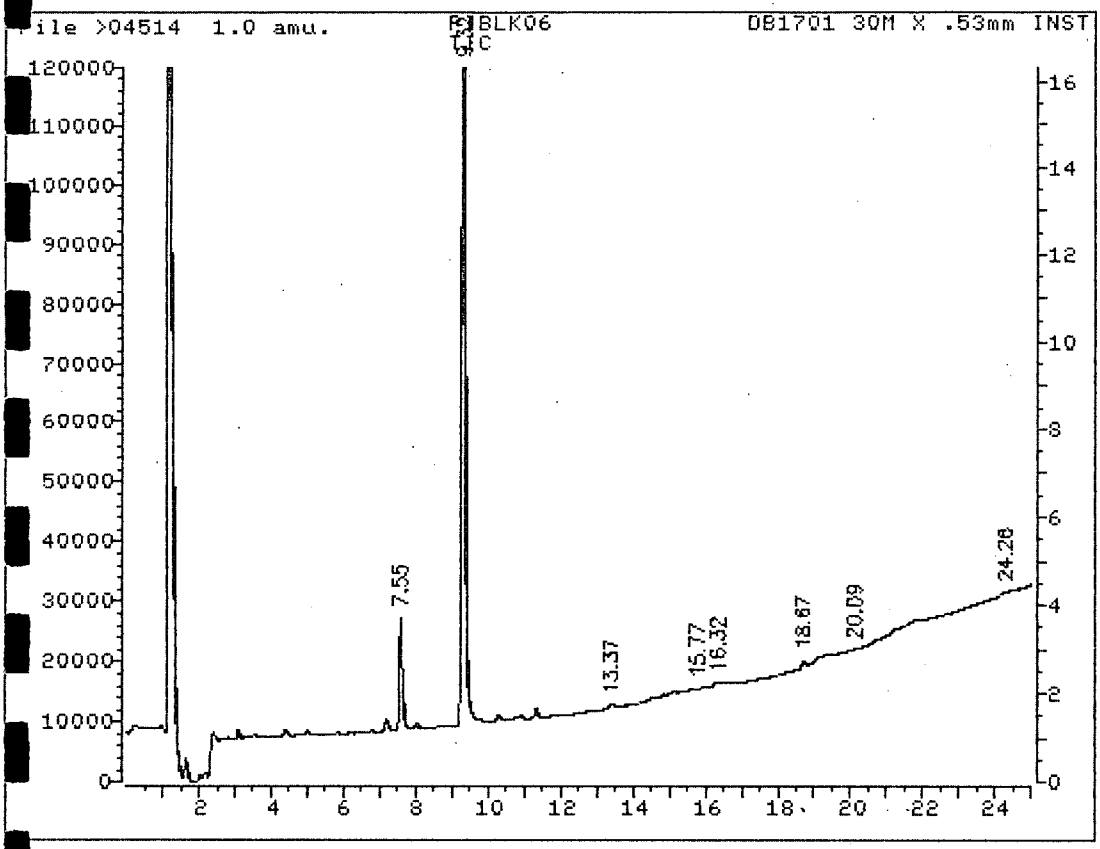
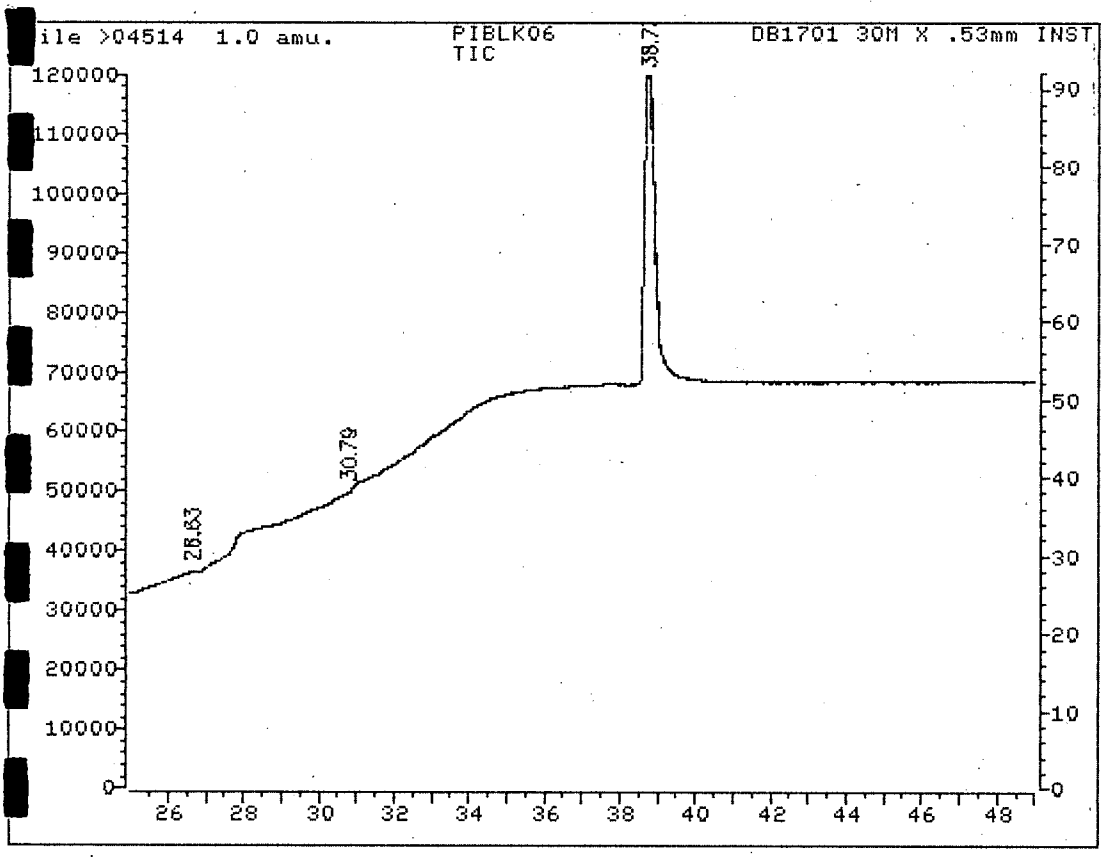


MS data file header from : >04514::G4

Sample: PIBLK06 Operator: TRFI2 7/26/96 10:31
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04514::G4

Sample: PIBLK06 Operator: TRFI2 7/26/96 10:31
Misc : DB1701 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960730 11:46
Output File: ^04514::GQ Injected at: 960726 10:31
Data File: >04514::G4 Dilution Factor: 1.00000
Name: PIBLK06 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	9.32	1118	868604	19.52	ng/ml	100
2)	~~#alpha-~~BHC NC	13.37	1604	10806	.327	ng/ml	100
3)	~~#beta BH~~C NC	18.67	2240	10518	.413	ng/ml	100
6)	~~#Heptachl~~or NC	16.32	1959	8885	.186	ng/ml	100
12)	~~#Endrin~~ NC	24.26	2911	19235	.649	ng/ml	100
13)	~~#Endosulfan II~~ NC	26.63	3195	13739	.390	ng/ml	100
17)	~~#Methoxychlor~~ NC	30.79	3695	44193	3.40	ng/ml	100
19)	#Decachlorobiphenyl	38.73	4648	975285	20.74	ng/ml	100
24)	~~#Aroclor-1221(1)~~ NP	7.55	906	102177	95.85	ng/ml	100
25)	~~#Aroclor-1232(1)~~ NP	7.55	906	102177	58.05	ng/ml	100
35)	~~#Aroclor-1016(3)~~ NP	15.77	1892	7058	1.79	ng/ml	100
37)	~~#Aroclor-1016(5)~~ NP	18.67	2240	10518	5.32	ng/ml	100
42)	~~#Aroclor-1232(4)~~ NP	15.77	1892	7058	4.46	ng/ml	100
44)	~~#Aroclor-1242(3)~~ NP	15.77	1892	7058	2.31	ng/ml	100
48)	~~#Aroclor-1248(3)~~ NP	18.67	2240	10518	4.70	ng/ml	100
51)	~~#Aroclor-1254(2)~~ NP	20.09	2411	8921	4.46	ng/ml	100

Compound uses ESTD

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7/31/96

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK07

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN3

Matrix: (soil/water) WATER Lab Sample ID: PIBLK07

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 03519

% Moisture: _____ decanted: (Y/N)___ Date Received: 00/00/00

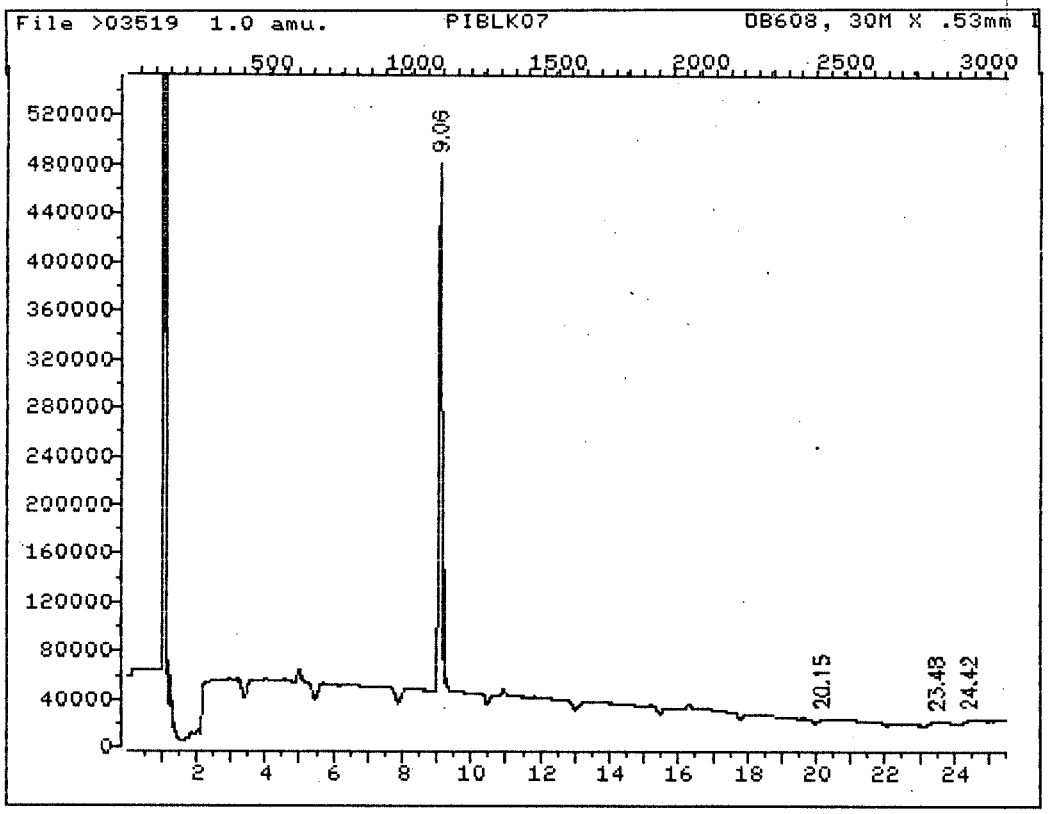
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 00/00/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/27/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	.025	U
319-85-7	beta-BHC	.025	U
319-86-8	delta-BHC	.025	U
58-89-9	gamma-BHC (Lindane)	.025	U
76-44-8	Heptachlor	.025	U
309-00-2	Aldrin	.025	U
1024-57-3	Heptachlor epoxide	.025	U
959-98-8	Endosulfan I	.025	U
60-57-1	Dieldrin	.050	U
72-55-9	4,4'-DDE	.050	U
72-20-8	Endrin	.050	U
33213-65-9	Endosulfan II	.050	U
72-54-8	4,4'-DDD	.050	U
1031-07-8	Endosulfan Sulfate	.050	U
50-29-3	4,4'-DDT	.050	U
72-43-5	Methoxychlor	.25	U
53494-70-5	Endrin ketone	.050	U
7421-93-4	Endrin aldehyde	.050	U
5103-71-9	alpha-Chlordane	.025	U
5103-74-2	gamma-Chlordane	.025	U
8001-35-2	Toxaphene	2.5	U
12674-11-2	Aroclor-1016	.50	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	.50	U
53469-21-9	Aroclor-1242	.50	U
12672-29-6	Aroclor-1248	.50	U
11097-69-1	Aroclor-1254	.50	U
11096-82-5	Aroclor-1260	.50	U

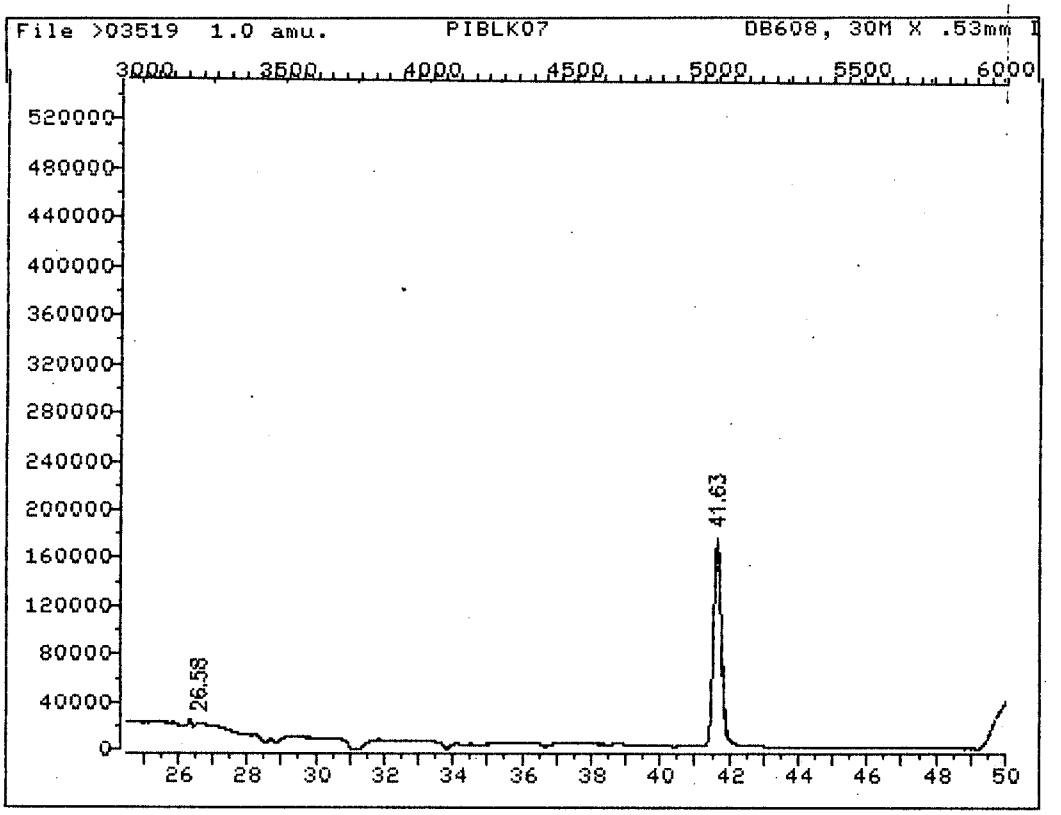


Data File: >03519::G4 Quant Output File: ^03519::F3
Name: PIBLK07 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960814 08:35
Injected at: 960727 11:54

Page 1 of 2

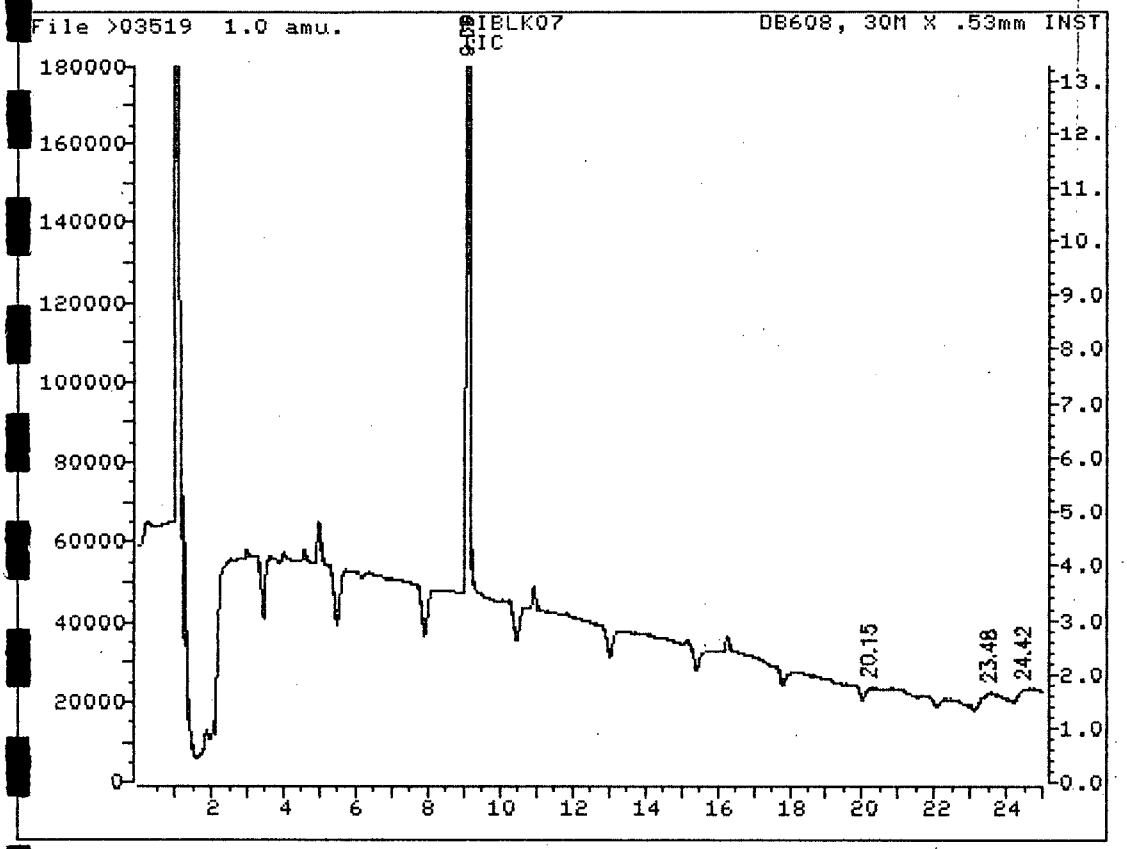


Data File: >03519::G4 Quant Output File: ^03519::F3
Name: PIBLK07 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960814 08:35
Injected at: 960727 11:54

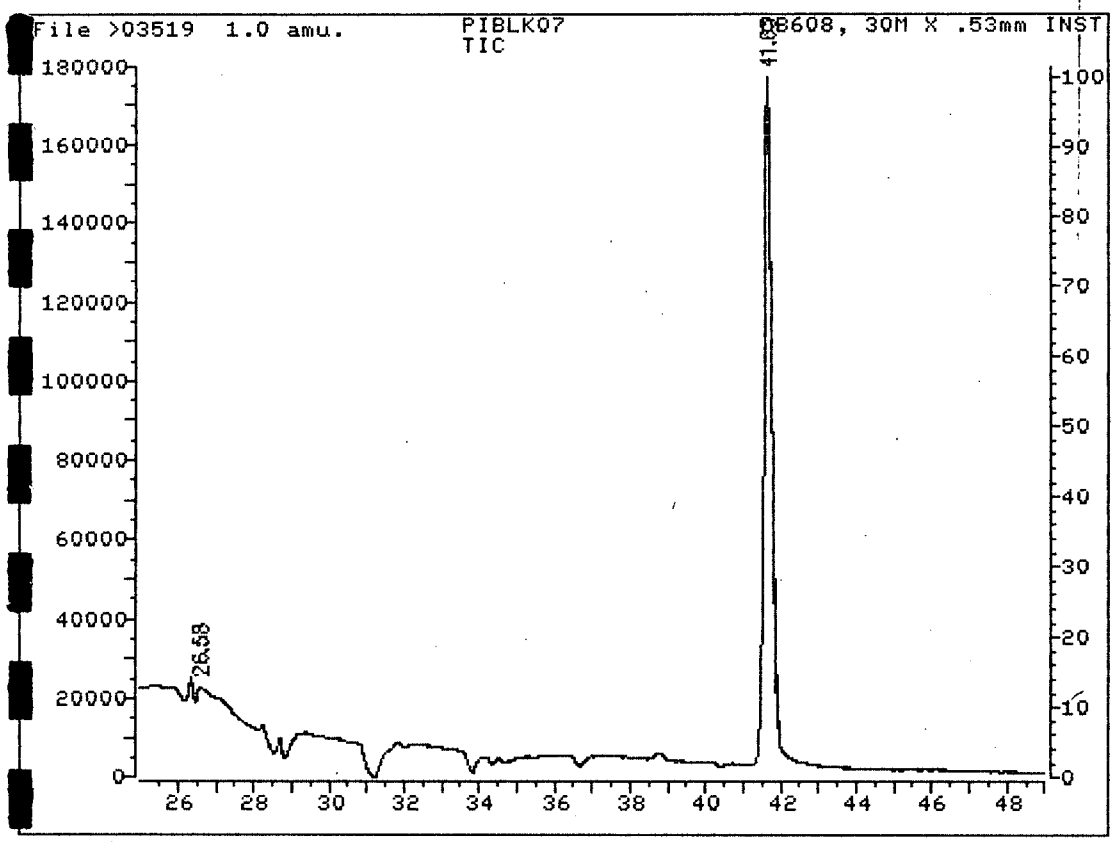
Page 2 of 2



MS data file header from : >03519::G4

Sample: PIBLK07 Operator: TRFI2 7/27/96 11:54
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >03519::G4

Sample: PIBLK07 Operator: TRFI2 7/27/96 11:54
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC03
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

QUANT REPORT

Operator ID: TRFI2
Output File: ^03519::F3
Data File: >03519::G4
Name: PIBLK07
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960814 08:35
Injected at: 960727 11:54
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960724 02:38

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	9.06	1087	2460811	19.13	ng/ml	100
~~8) #Heptachlor epoxide~~ NC	20.15	2418	27785	.215	ng/ml	100
19) #Decachlorobiphenyl	41.63	4995	2588227	21.73	ng/ml	100
~~29) #Aroclor-1260(1)~~ ND	24.42	2930	24404	3.93	ng/ml	100
~~53) #Aroclor-1254(4)~~ ND	23.48	2817	63859	10.26	ng/ml	100
56) ~~#Aroclor-1260(3)~~ ND	26.58	3189	26780	3.91	ng/ml	100

Compound uses ESTD

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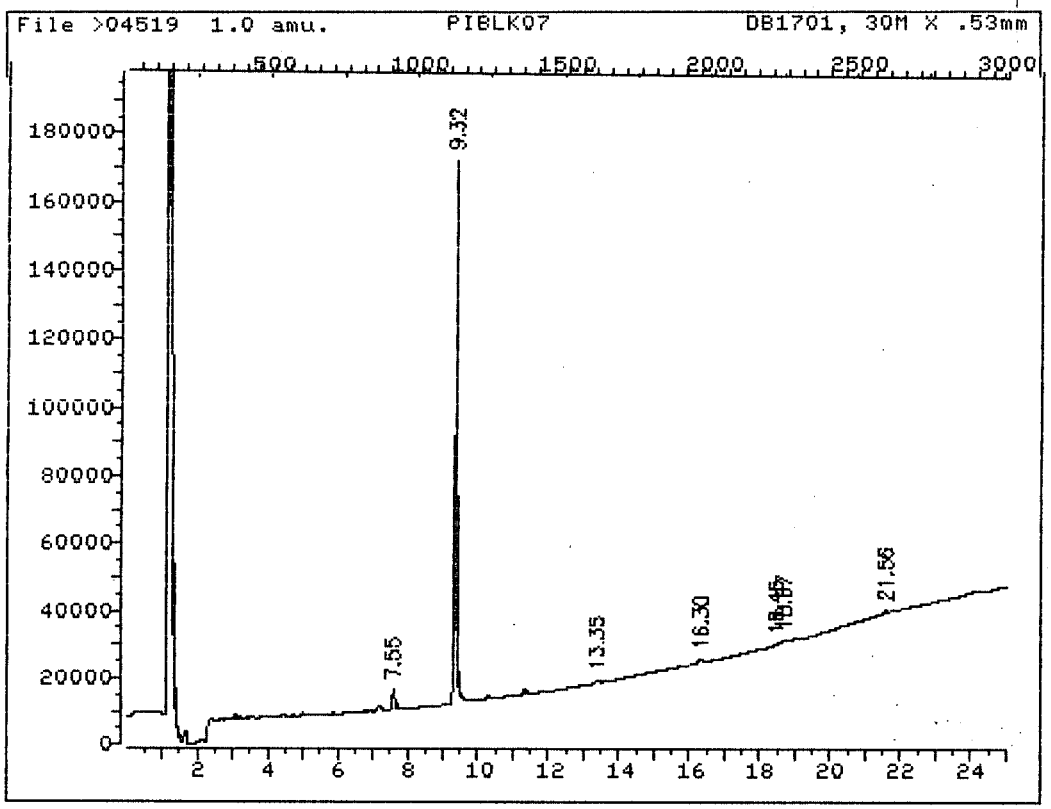

Data File: >04519::G5 Quant Output File: ^04519::F3
Name: PIBLK07 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960814 08:38
Injected at: 960727 11:54

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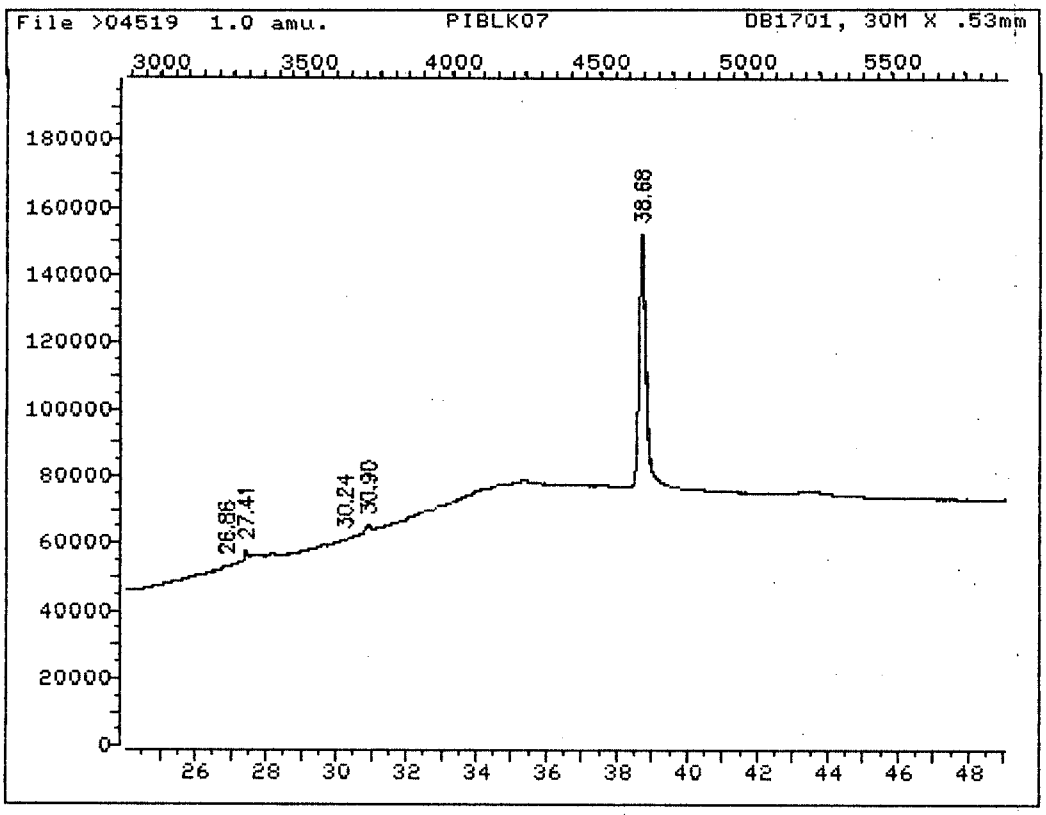

Data File: >04519::G5 Quant Output File: ^04519::F3
Name: PIBLK07 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960724 02:38

Operator ID: TRFI2
Quant Time : 960814 08:38
Injected at: 960727 11:54

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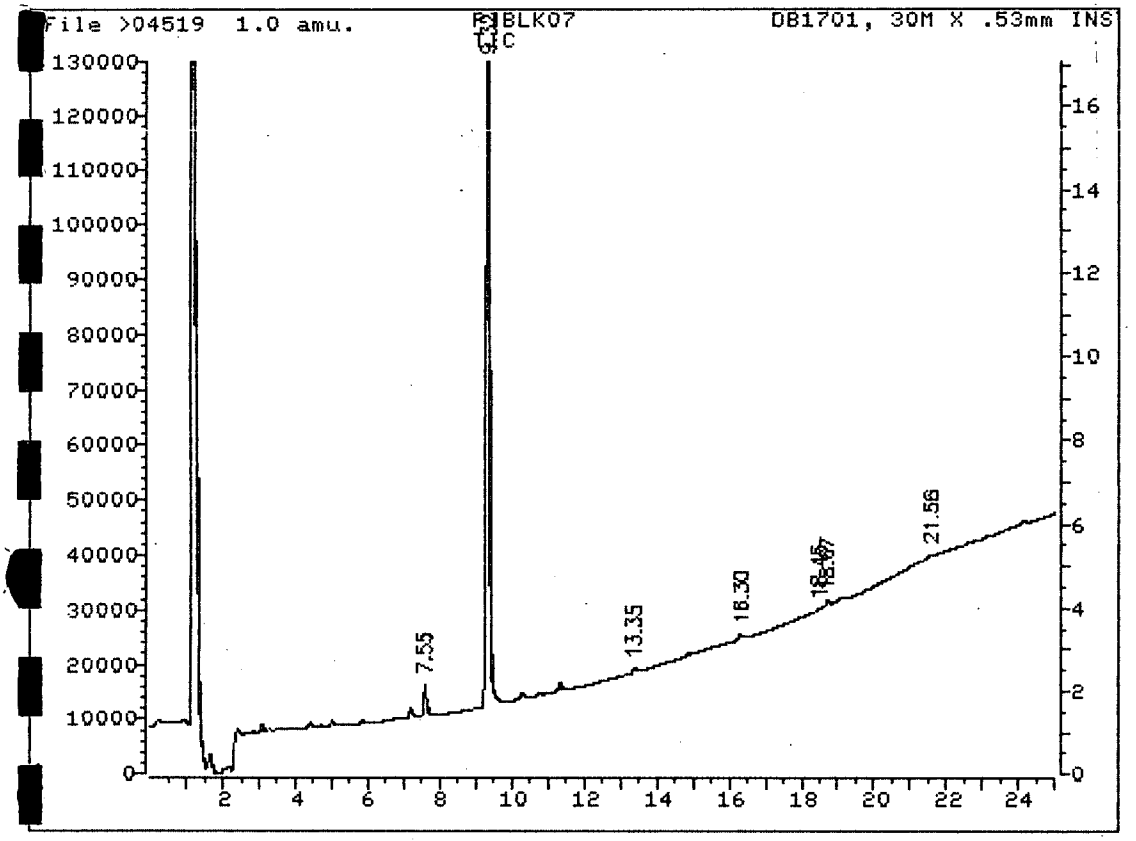
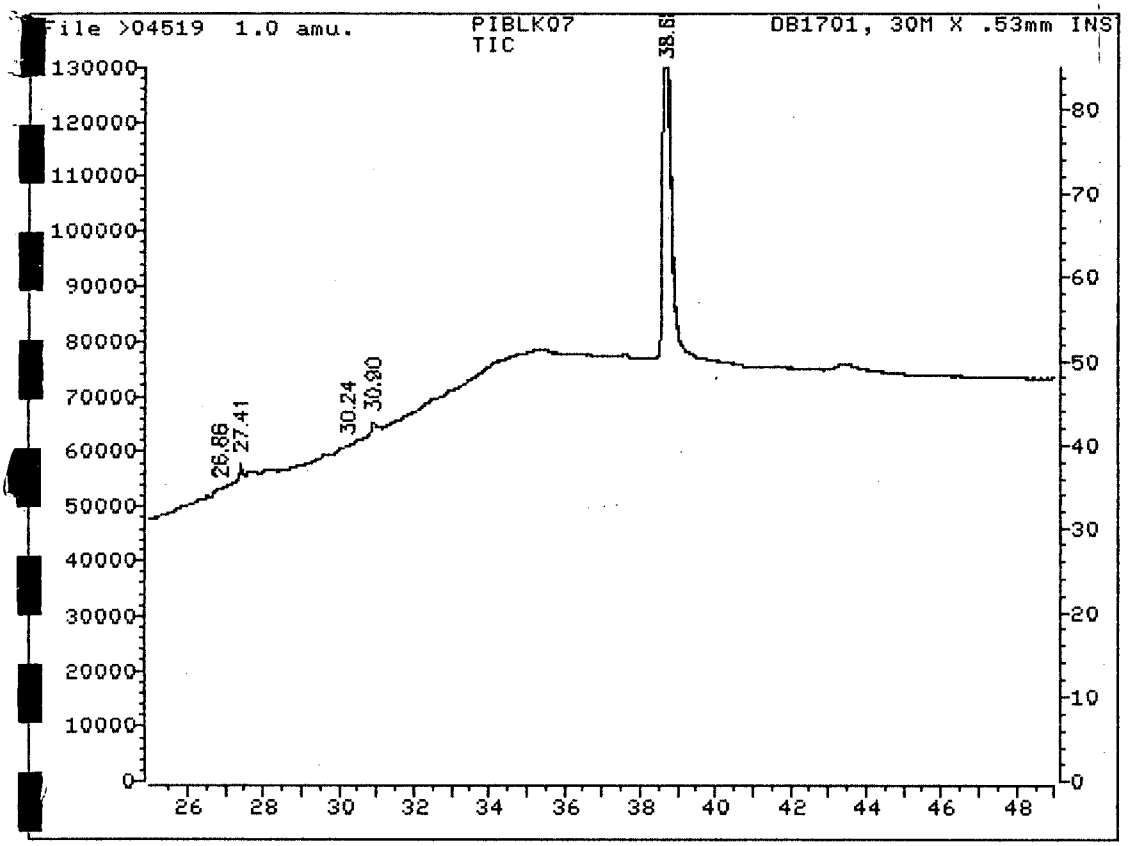


MS data file header from : >04519::G5

Sample: PIBLK07 Operator: TRFI2 7/27/96 11:54
Misc : DB1701, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0



MS data file header from : >04519::G5

Sample: PIBLK07 Operator: TRFI2 7/27/96 11:54
Misc : DB1701, 30M X .53mm INST 58903, 1ul INJ
Sys. #: 0 MS model: 92 SW/HW rev.: F ALS # : 0 Equip ID: GC04
Method file: Tuning file: No. of extra records: 2

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0