211223

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ANALYTICAL DATA REPORT PACKAGE

July 26, 1996

ROY F. WESTON, INC.

RFP-1416

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK16A Date Analyzed : 07/22/96

LAB Sample ID (PIBLK): PIBLK16A Time Analyzed : 08:28

EPA Sample No.(PEM): PEM08A Date Analyzed : 07/22/96

LAB Sample ID (PEM): PEM08A Time Analyzed : 09:23

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.41	13.37	13.47	.010	.010	.0
beta-BHC	18.61	18.58	18.68	.010	.010	.0
gamma-BHC (Lindane)	15.25	15.22	15.32	.009	.010	-10.0
Endrin	24.34	24.30	24.44	.050	.050	.0
4,4'-DDT	27.39	27.36	27.50	.114	.100	14.0
Methoxychlor	30.80	30.77	30.91	.256	.250	2.4

4,4'-DDT % breakdown (1): 7.06 Endrin % breakdown (1): 10.52

Combined % breakdown (1): 17.58

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK02 Date Analyzed : 07/02/96

LAB Sample ID (PIBLK): PIBLK02 Time Analyzed : 14:27

EPA Sample No.(INDA): INDAM02 Date Analyzed : 07/02/96

LAB Sample ID (INDA): INDAM02 Time Analyzed : 15:24

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.47	12.43	12.53	.020	.020	.0
gamma-BHC (Lindane)	14.36	14.31	14.41	.020	.020	.0
Heptachlor	15.85	15.81	15.91	.021	.020	5.0
Endosulfan I	21.60	21.53	21.67	.020	.020	.0
Dieldrin	23.03	22.97	23.11	.041	.040	2.5
Endrin	24.82	24.76	24.90	.041	.040	2.5
4,4'-DDD	25.62	25.56	25.70	.040	.040	.0
4,4'-DDT	27.20	27.14	27.28	.041	.040	2.5
Methoxychlor	32.44	32.39	32.53	.206	.200	3.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.66	41.58	41.78	.040	.040	.0

EPA Sample No.(INDB): INDBM02 Date Analyzed : 07/02/96

LAB Sample ID (INDB): INDBM02 Time Analyzed : 16:21

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	14.78	14.75	14.85	.020	.020	.0
delta-BHC	16.48	16.39	16.49	.021	.020	5.0
Aldrin	17.36	17.31	17.41	.020	.020	.0
Heptachlor epoxide	20.02	19.96	20.10	.020	.020	.0
4,4'-DDE	22.82	22.76	22.90	.041	.040	2.5
Endosulfan II	25.80	25.74	25.88	.041	.040	2.5
Endosulfan Sulfate	28.31	28.25	28.39	.040	.040	.0
Endrin ketone	32.76	32.71	32.85	.040	.040	.0
Endrin aldehyde	27.60	27.55	27.69	.040	.040	.0
alpha-Chlordane	21.52	21.45	21.59	.020	.020	.0
gamma-Chlordane	20.77	20.71	20.85	.020	.020	.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.67	41.58	41.78	.041	.040	2.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK04 Date Analyzed : 07/03/96

LAB Sample ID (PIBLK): PIBLK04 Time Analyzed : 10:22

EPA Sample No.(INDA): INDAM03 Date Analyzed : 07/03/96

LAB Sample ID (INDA): INDAM03 Time Analyzed : 13:03

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.47	12.43	12.53	.018	.020	-10.0
gamma-BHC (Lindane)	14.37	14.31	14.41	.019	.020	- 5.0
Heptachlor	15.86	15.81	15.91	.024	.020	20.0
Endosulfan I	21.61	21.53	21.67	.016	.020	-20.0
Dieldrin	23.04	22.97	23.11	.040	.040	.0
Endrin	24.83	24.76	24.90	.041	.040	2.5
4,4'-DDD	25.63	25.56	25.70	.042	.040	5.0
4,4'-DDT	27.21	27.14	27.28	.043	.040	9.0
Methoxychlor	32.46	32.39	32.53	.217	.200	8.5
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.69	41.58	41.78	.040	.040	.0

EPA Sample No.(INDB): INDBM03 Date Analyzed : 07/03/96

LAB Sample ID (INDB): INDBM03 Time Analyzed : 14:00

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	14.80	14.75	14.85	.020	.020	.0
delta-BHC	16.50	16.39	16.49	.022	.020	10.0
Aldrin	17.38	17.31	17.41	.021	.020	5.0
Heptachlor epoxide	20.03	19.96	20.10	.021	.020	5.0
4,4'-DDE	22.83	22.76	22.90	.044	.040	10.0
Endosulfan II	25.82	25.74	25.88	.041	.040	2.5
Endosulfan Sulfate	28.34	28.25	28.39	.040	.040	.0
Endrin ketone	32.79	32.71	32.85	.041	.040	2.5
Endrin aldehyde	27.63	27.55	27.69	.041	.040	2.5
alpha-Chlordane	21.53	21.45	21.59	.020	.020	.0
gamma-Chlordane	20.78	20.71	20.85	.021	.020	5.0
Tetrachloro-m-xylene	9.08	9.03	9.13	.021	.020	5.0
Decachlorobiphenyl	41.70	41.58	41.78	.040	.040	.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK07 Date Analyzed : 07/06/96

LAB Sample ID (PIBLK): PIBLK07 Time Analyzed : 21:11

EPA Sample No.(INDA): INDAM04 Date Analyzed : 07/06/96

LAB Sample ID (INDA): INDAM04 Time Analyzed : 22:08

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.47	12.43	12.53	.021	.020	5.0
gamma-BHC (Lindane)	14.36	14.31	14.41	.021	.020	5.0
Heptachlor	15.85	15.81	15.91	.021	.020	5.0
Endosulfan I	21.59	21.53	21.67	.019	.020	- 5.0
Dieldrin	23.03	22.97	23.11	.041	.040	2.5
Endrin	24.82	24.76	24.90	.041	.040	2.5
4,4'-DDD	25.62	25.56	25.70	.040	.040	.0
4,4'-DDT	27.20	27.14	27.28	.040	.040	.0
Methoxychlor	32.44	32.39	32.53	.199	.200	- .5
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.66	41.58	41.78	.040	.040	.0

EPA Sample No.(INDB): INDBM04 Date Analyzed : 07/06/96

LAB Sample ID (INDB): INDBM04 Time Analyzed : 23:05

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
eta-BHC	14.78	14.75	14.85	.019	.020	- 5.0
delta-BHC	16.48	16.39	16.49	.018	.020	-10.0
Aldrin	17.36	17.31	17.41	.019	.020	- 5.0
Heptachlor epoxide	20.02	19.96	20.10	.020	.020	.0
4,4'-DDE	22.83	22.76	22.90	.037	.040	- 7.5
Endosulfan II	25.80	25.74	25.88	.037	.040	- 7.5
Endosulfan Sulfate	28.31	28.25	28.39	.035	.040	-12.5
Endrin ketone	32.77	32.71	32.85	.036	.040	-10.0
Endrin aldehyde	27.61	27.55	27.69	.036	.040	-10.0
alpha-Chlordane	21.52	21.45	21.59	.016	.020	-20.0
gamma-Chlordane	20.78	20.71	20.85	.019	.020	- 5.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.68	41.58	41.78	.038	.040	- 5.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK12 Date Analyzed : 07/09/96

LAB Sample ID (PIBLK): PIBLK12 Time Analyzed : 22:48

EPA Sample No.(INDA): INDAM05 Date Analyzed : 07/09/96

LAB Sample ID (INDA): INDAM05 Time Analyzed : 23:40

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.46	12.43	12.53	.022	.020	10.0
gamma-BHC (Lindane)	14.35	14.31	14.41	.021	.020	5.0
Heptachlor	15.84	15.81	15.91	.025	.020	25.0
Endosulfan I	21.58	21.53	21.67	.017	.020	-15.0
Dieldrin	23.01	22.97	23.11	.040	.040	.0
Endrin	24.80	24.76	24.90	.041	.040	2.5
4,4'-DDD	25.59	25.56	25.70	.041	.040	2.5
4,4'-DDT	27.17	27.14	27.28	.044	.040	10.0
Methoxychlor	32.41	32.39	32.53	.207	.200	3.5
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.60	41.58	41.78	.038	.040	- 5.0

EPA Sample No.(INDB): INDBM05 Date Analyzed : 07/10/96

LAB Sample ID (INDB): INDBM05 Time Analyzed : 00:31

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	14.77	14.75	14.85	.021	.020	5.0
delta-BHC	16.47	16.39	16.49	.022	.020	10.0
Aldrin	17.34	17.31	17.41	.020	.020	.0
Heptachlor epoxide	20.00	19.96	20.10	.022	.020	10.0
4,4'-DDE	22.79	22.76	22.90	.042	.040	5.0
Endosulfan II	25.78	25.74	25.88	.040	.040	.0
Endosulfan Sulfate	28.29	28.25	28.39	.039	.040	- 2.5
Endrin ketone	32.74	32.71	32.85	.041	.040	2.5
Endrin aldehyde	27.58	27.55	27.69	.040	.040	.0
alpha-Chlordane	21.50	21.45	21.59	.017	.020	-15.0
gamma-Chlordane	20.75	20.71	20.85	.020	.020	.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.61	41.58	41.78	.038	.040	- 5.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK14 Date Analyzed : 07/10/96

LAB Sample ID (PIBLK): PIBLK14 Time Analyzed : 18:56

EPA Sample No.(INDA): INDAM06 Date Analyzed : 07/10/96

LAB Sample ID (INDA): INDAM06 Time Analyzed : 19:48

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.47	12.43	12.53	.021	.020	5.0
gamma-BHC (Lindane)	14.35	14.31	14.41	.021	.020	5.0
Heptachlor	15.84	15.81	15.91	.025	.020	25.0
Endosulfan I	21.58	21.53	21.67	.017	.020	-15.0
Dieldrin	23.02	22.97	23.11	.039	.040	- 2.5
Endrin	24.80	24.76	24.90	.040	.040	.0
4,4'-DDD	25.59	25.56	25.70	.040	.040	.0
4,4'-DDT	27.18	27.14	27.28	.042	.040	5.0
Methoxychlor	32.42	32.39	32.53	.200	.200	.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.61	41.58	41.78	.037	.040	- 7.5

EPA Sample No.(INDB): INDBM06 Date Analyzed : 07/10/96

LAB Sample ID (INDB): INDBM06 Time Analyzed : 20:40

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	14.77	14.75	14.85	.021	.020	5.0
delta-BHC	16.47	16.39	16.49	.021	.020	5.0
Aldrin	17.34	17.31	17.41	.020	.020	.0
Heptachlor epoxide	20.01	19.96	20.10	.022	.020	10.0
4,4'-DDE	22.80	22.76	22.90	.041	.040	2.5
Endosulfan II	25.78	25.74	25.88	.039	.040	- 2.5
Endosulfan Sulfate	28.29	28.25	28.39	.038	.040	- 5.0
Endrin ketone	32.74	32.71	32.85	.040	.040	.0
Endrin aldehyde	27.59	27.55	27.69	.039	.040	- 2.5
alpha-Chlordane	21.50	21.45	21.59	.019	.020	- 5.0
gamma-Chlordane	20.76	20.71	20.85	.020	.020	.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.62	41.58	41.78	.037	.040	- 7.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK18 Date Analyzed : 07/12/96

LAB Sample ID (PIBLK): PIBLK18 Time Analyzed : 04:58

EPA Sample No.(INDA): INDAM07 Date Analyzed : 07/12/96

LAB Sample ID (INDA): INDAM07 Time Analyzed : 05:49

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.47	12.43	12.53	.021	.020	5.0
gamma-BHC (Lindane)	14.36	14.31	14.41	.021	.020	5.0
Heptachlor	15.85	15.81	15.91	.025	.020	25.0
Endosulfan I	21.58	21.53	21.67	.017	.020	-15.0
Dieldrin	23.02	22.97	23.11	.039	.040	- 2.5
Endrin	24.81	24.76	24.90	.040	.040	.0
4,4'-DDD	25.60	25.56	25.70	.041	.040	2.5
4,4'-DDT	27.19	27.14	27.28	.041	.040	2.5
Methoxychlor	32.43	32.39	32.53	.199	.200	- .5
Tetrachloro-m-xylene	9.08	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.63	41.58	41.78	.038	.040	- 5.0

EPA Sample No.(INDB): INDBM07 Date Analyzed : 07/12/96

LAB Sample ID (INDB): INDBM07 Time Analyzed : 06:41

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	14.78	14.75	14.85	.021	.020	5.0
delta-BHC	16.48	16.39	16.49	.021	.020	5.0
Aldrin	17.35	17.31	17.41	.020	.020	.0
Heptachlor epoxide	20.02	19.96	20.10	.022	.020	10.0
4,4'-DDE	22.80	22.76	22.90	.041	.040	2.5
Endosulfan II	25.79	25.74	25.88	.040	.040	.0
Endosulfan Sulfate	28.29	28.25	28.39	.038	.040	- 5.0
Endrin ketone	32.74	32.71	32.85	.040	.040	.0
Endrin aldehyde	27.59	27.55	27.69	.040	.040	.0
alpha-Chlordane	21.51	21.45	21.59	.017	.020	-15.0
gamma-Chlordane	20.76	20.71	20.85	.020	.020	.0
Tetrachloro-m-xylene	9.08	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.63	41.58	41.78	.038	.040	- 5.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK02A Date Analyzed : 07/14/96

LAB Sample ID (PIBLK): PIBLK02A Time Analyzed : 15:36

EPA Sample No.(INDA): INDAM02A Date Analyzed : 07/14/96

LAB Sample ID (INDA): INDAM02A Time Analyzed : 16:31

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.47	12.42	12.52	.020	.020	.0
gamma-BHC (Lindane)	14.36	14.31	14.41	.020	.020	.0
Heptachlor	15.85	15.81	15.91	.022	.020	10.0
Endosulfan I	21.59	21.53	21.67	.020	.020	.0
Dieldrin	23.03	22.96	23.10	.041	.040	2.5
Endrin	24.82	24.75	24.89	.041	.040	2.5
4,4'-DDD	25.62	25.55	25.69	.040	.040	.0
4,4'-DDT	27.19	27.13	27.27	.041	.040	2.5
Methoxychlor	32.44	32.37	32.51	.202	.200	1.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.65	41.56	41.76	.039	.040	2.5

EPA Sample No.(INDB): INDBM02A Date Analyzed : 07/14/96

LAB Sample ID (INDB): INDBM02A Time Analyzed : 17:26

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	14.79	14.74	14,84	.021	.020	5.0
delta-BHC	16.48	16.44	16.54	.021	.020	5.0
Aldrin	17.36	17.31	17.41	.020	.020	.0
Heptachlor epoxide	20.02	19.96	20.10	.021	.020	5.0
4,4'-DDE	22.82	22.75	22.89	.041	.040	2.5
Endosulfan II	25.80	25.73	25.87	.041	.040	2.5
Endosulfan Sulfate	28.30	28.24	28.38	.040	.040	.0
Endrin ketone	32.76	32.69	32.83	.041	.040	2.5
Endrin aldehyde	27.60	27.54	27.68	.040	.040	.0
alpha-Chlordane	21.51	21.45	21.59	.020	.020	.0
gamma-Chlordane	20.77	20.70	20.84	.020	.020	.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.021	.020	5.0
Decachlorobiphenyl	41.64	41.56	41.76	.041	.040	2.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK05A Date Analyzed : 07/15/96

LAB Sample ID (PIBLK): PIBLK05A Time Analyzed : 12:36

EPA Sample No.(INDA): INDAM03A Date Analyzed : 07/15/96

LAB Sample ID (INDA): INDAM03A Time Analyzed : 13:31

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.47	12.42	12.52	.020	.020	.0
gamma-BHC (Lindane)	14.36	14.31	14.41	.020	.020	.0
Heptachlor	15.86	15.81	15.91	.021	.020	5.0
Endosulfan I	21.60	21.53	21.67	.021	.020	5.0
Dieldrin	23.03	22.96	23.10	.040	.040	.0
Endrin	24.83	24.75	24.89	.040	.040	.0
4,4'-DDD	25.63	25.55	25.69	.039	.040	- 2.5
4,4'-DDT	27.20	27.13	27.27	.039	.040	- 2.5
Methoxychlor	32.45	32.37	32.51	.195	.200	- 2.5
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.66	41.56	41.76	.040	.040	.0

EPA Sample No.(INDB): INDBM03A Date Analyzed : 07/15/96

LAB Sample ID (INDB): INDBM03A Time Analyzed : 14:26

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	14.79	14.74	14.84	.020	.020	.0
delta-BHC	16.49	16.44	16.54	.020	.020	.0
Aldrin	17.36	17.31	17.41	.020	.020	.0
Heptachlor epoxide	20.03	19.96	20.10	.021	.020	5.0
4,4'-DDE	22.83	22.75	22.89	.039	.040	- 2.5
Endosulfan II	25.80	25.73	25.87	.040	.040	.0
Endosulfan Sulfate	28.31	28.24	28.38	.040	.040	.0
Endrin ketone	32.76	32.69	32.83	.040	.040	.0
Endrin aldehyde	27.61	27.54	27.68	.040	.040	.0
alpha-Chlordane	21.52	21.45	21.59	.020	.020	.0
gamma-Chlordane	20.78	20.70	20.84	.020	.020	.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.67	41.56	41.76	.040	.040	.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK09A Date Analyzed : 07/16/96

LAB Sample ID (PIBLK): PIBLK09A Time Analyzed : 09:36

EPA Sample No.(INDA): INDAM04A Date Analyzed : 07/16/96

LAB Sample ID (INDA): INDAM04A Time Analyzed : 10:31

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.47	12.42	12.52	.020	.020	.0
gamma-BHC (Lindane)	14.36	14.31	14.41	.020	.020	.0
Heptachlor	15.86	15.81	15.91	.021	.020	5.0
Endosulfan I	21.60	21.53	21.67	.019	.020	- 5.0
Dieldrin	23.03	22.96	23.10	.039	.040	- 2.5
Endrin	24.83	24.75	24.89	.039	.040	- 2.5
4,4'-DDD	25.63	25.55	25.69	.037	.040	- 7.5
4,4'-DDT	27.20	27.13	27.27	.038	.040	- 5.0
Methoxychlor	32.45	32.37	32.51	.191	.200	- 4.5
Tetrachloro-m-xylene	9.08	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.67	41.56	41.76	.037	.040	- 7.5

EPA Sample No.(INDB): INDBM04A Date Analyzed : 07/16/96

LAB Sample ID (INDB): INDBM04A Time Analyzed : 11:26

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	14.79	14.74	14.84	.020	.020	.0
delta-BHC	16.49	16.44	16.54	.020	.020	.0
Aldrin	17.36	17.31	17.41	.020	.020	.0
Heptachlor epoxide	20.02	19.96	20.10	.020	.020	.0
4,4'-DDE	22.82	22.75	22.89	.039	.040	- 2.5
Endosulfan II	25.80	25.73	25.87	.038	.040	- 5.0
Endosulfan Sulfate	28.31	28.24	28.38	.039	.040	- 2.5
Endrin ketone	32.76	32.69	32.83	.039	.040	- 2.5
Endrin aldehyde	27.61	27.54	27.68	.038	.040	- 5.0
alpha-Chlordane	21.52	21.45	21.59	.020	.020	.0
gamma-Chlordane	20.78	20.70	20.84	.020	.020	.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.020	.020	.0
Decachlorobiphenyl	41.66	41.56	41.76	.039	.040	- 2.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK13A Date Analyzed : 07/17/96

LAB Sample ID (PIBLK): PIBLK13A Time Analyzed : 17:52

EPA Sample No.(INDA): INDAM05A Date Analyzed : 07/17/96

LAB Sample ID (INDA): INDAM05A Time Analyzed : 18:47

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.46	12.42	12.52	.021	.020	5.0
gamma-BHC (Lindane)	14.35	14.31	14.41	.020	.020	.0
Heptachlor	15.84	15.81	15.91	.025	.020	25.0
Endosulfan I	21.58	21.53	21.67	.020	.020	.0
Dieldrin	23.02	22.96	23.10	.040	.040	.0
Endrin	24.80	24.75	24.89	.040	.040	.0
4,4'-DDD	25.60	25.55	25.69	.038	.040	- 5.0
4,4'-DDT	27.19	27.13	27.27	.040	.040	.0
Methoxychlor	32.43	32.37	32.51	.197	.200	- 1.5
Tetrachloro-m-xylene	9.07	9.03	9.13	.021	.020	5.0
Decachlorobiphenyl	41.62	41.56	41.76	.038	.040	- 5.0

EPA Sample No.(INDB): INDBM05A Date Analyzed : 07/17/96

LAB Sample ID (INDB): INDBM05A Time Analyzed : 19:42

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	14.77	14.74	14.84	.020	.020	.0
delta-BHC	16.47	16.44	16.54	.021	.020	5.0
Aldrin	17.34	17.31	17.41	.020	.020	.0
Heptachlor epoxide	20.01	19.96	20.10	.020	.020	.0
4,4'-DDE	22.80	22.75	22.89	.039	.040	- 2.5
Endosulfan II	25.79	25.73	25.87	.039	.040	- 2.5
Endosulfan Sulfate	28.29	28.24	28.38	.039	.040	- 2.5
Endrin ketone	32.74	32.69	32.83	.039	.040	- 2.5
Endrin aldehyde	27.59	27.54	27.68	.039	.040	- 2.5
alpha-Chlordane	21.50	21.45	21.59	.020	.020	.0
gamma-Chlordane	20.76	20.70	20.84	.020	.020	.0
Tetrachloro-m-xylene	9.07	9.03	9.13	.021	.020	5.0
Decachlorobiphenyl	41.63	41.56	41.76	.039	.040	- 2.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK17A Date Analyzed : 07/22/96

LAB Sample ID (PIBLK): PIBLK17A Time Analyzed : 17:28

EPA Sample No.(INDA): INDAM06A Date Analyzed : 07/22/96

LAB Sample ID (INDA): INDAM06A Time Analyzed : 18:23

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	12.45	12.42	12.52	.022	.020	10.0
gamma-BHC (Lindane)	14.34	14.31	14.41	.022	.020	10.0
Heptachlor	15.83	15.81	15.91	.024	.020	20.0
Endosulfan I	21.58	21.53	21.67	.020	.020	.0
Dieldrin	23.01	22.96	23.10	.041	.040	2.5
Endrin	24.79	24.75	24.89	.041	.040	2.5
4,4'-DDD	25.59	25.55	25.69	.042	.040	5.0
4,4'-DDT	27.17	27.13	27.27	.041	.040	2.5
Methoxychlor	32.41	32.37	32.51	.203	.200	1.5
Tetrachloro-m-xylene	9.06	9.03	9.13	.022	.020	10.0
Decachlorobiphenyl	41.60	41.56	41.76	.038	.040	- 5.0

EPA Sample No.(INDB): INDBM06A Date Analyzed : 07/22/96

LAB Sample ID (INDB): INDBM06A Time Analyzed : 19:18

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	14.77	14.74	14.84	.022	.020	10.0
delta-BHC	16.47	16.44	16.54	.022	.020	10.0
Aldrin	17.34	17.31	17.41	.021	.020	5.0
Heptachlor epoxide	20.00	19.96	20.10	.020	.020	.0
4,4'-DDE	22.79	22.75	22.89	.041	.040	2.5
Endosulfan II	25.78	25.73	25.87	.040	.040	.0
Endosulfan Sulfate	28.28	28.24	28.38	.041	.040	2.5
Endrin ketone	32.73	32.69	32.83	.040	.040	.0
Endrin aldehyde	27.58	27.54	27.68	.040	.040	.0
alpha-Chlordane	21.49	21.45	21.59	.020	.020	.0
gamma-Chlordane	20.75	20.70	20.84	.021	.020	5.0
Tetrachloro-m-xylene	9.06	9.03	9.13	.022	.020	10.0
Decachlorobiphenyl	41.61	41.56	41.76	.039	.040	- 2.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK02 Date Analyzed : 07/02/96

LAB Sample ID (PIBLK): PIBLK02 Time Analyzed : 14:27

EPA Sample No.(INDA): INDAM02 Date Analyzed : 07/02/96

LAB Sample ID (INDA): INDAM02 Time Analyzed : 15:24

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.42	13.38	13.48	.020	.020	.0
gamma-BHC (Lindane)	15.27	15.22	15.32	.020	.020	.0
Heptachlor	16.30	16.26	16.36	.020	.020	.0
Endosulfan I	21.75	21.69	21.83	.020	.020	.0
Dieldrin	23.40	23.34	23.48	.040	.040	.0
Endrin	24.36	24.30	24.44	.041	.040	2.5
4,4'-DDD	26.53	26.47	26.61	.041	.040	2.5
4,4'-DDT	27.43	27.37	27.51	.035	.040	-12.5
Methoxychlor	30.84	30.79	30.93	.197	.200	- 1.5
Tetrachloro-m-xylene	9.31	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.69	38.61	38.81	.040	.040	.0

EPA Sample No.(INDB): INDBM02 Date Analyzed : 07/02/96

LAB Sample ID (INDB): INDBM02 Time Analyzed : 16:21

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.63	18.58	18.68	.021	.020	5.0
delta-BHC	19.70	19.66	19.76	.020	.020	.0
Aldrin	17.57	17.52	17.62	.021	.020	5.0
Heptachlor epoxide	20.54	20.48	20.62	.020	.020	.0
4,4'-DDE	22.76	22.70	22.84	.041	.040	2.5
Endosulfan II	26.74	26.68	26.82	.040	.040	.0
Endosulfan Sulfate	30.59	30.54	30.68	.040	.040	.0
Endrin ketone	32.93	32.87	33.01	.040	.040	.0
Endrin aldehyde	28.86	28.80	28.94	.041	.040	2.5
alpha-Chlordane	22.23	22.17	22.31	.020	.020	.0
gamma-Chlordane	21.98	21.92	22.06	.020	.020	.0
Tetrachloro-m-xylene	9.31	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.71	38.61	38.81	.041	.040	2.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK04 Date Analyzed : 07/03/96

LAB Sample ID (PIBLK): PIBLK04 Time Analyzed : 10:22

EPA Sample No.(INDA): INDAM03 Date Analyzed : 07/03/96

LAB Sample ID (INDA): INDAM03 Time Analyzed : 13:03

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.44	13.38	13.48	.021	.020	5.0
gamma-BHC (Lindane)	15.28	15.22	15.32	.021	.020	5.0
Heptachlor	16.32	16.26	16.36	.021	.020	5.0
Endosulfan I	21.78	21.69	21.83	.020	.020	.0
Dieldrin	23.43	23.34	23.48	.040	.040	.0
Endrin	24.38	24.30	24.44	.042	.040	5.0
4,4'-DDD	26.54	26.47	26.61	.041	.040	2.5
4,4'-DDT	27.44	27.37	27.51	.045	.040	12.5
Methoxychlor	30.86	30.79	30.93	.218	.200	9.0
Tetrachloro-m-xylene	9.32	9.26	9.36	.021	.020	5.0
Decachlorobiphenyl	38.72	38.61	38.81	.040	.040	.0

EPA Sample No.(INDB): INDBM03 Date Analyzed : 07/03/96

LAB Sample ID (INDB): INDBM03 Time Analyzed : 13:59

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.64	18.58	18.68	.019	.020	- 5.0
delta-BHC	19.72	19.66	19.76	.022	.020	10.0
Aldrin	17.58	17.52	17.62	.021	.020	5.0
Heptachlor epoxide	20.56	20.48	20.62	.021	.020	5.0
4,4'-DDE	22.78	22.70	22.84	.047	.040	17.5
Endosulfan II	26.76	26.68	26.82	.041	.040	2.5
Endosulfan Sulfate	30.62	30.54	30.68	.041	.040	2.5
Endrin ketone	32.96	32.87	33.01	.042	.040	5.0
Endrin aldehyde	28.89	28.80	28.94	.042	.040	5.0
alpha-Chlordane	22.25	22.17	22.31	.020	.020	.0
gamma-Chlordane	22.00	21.92	22.06	.020	.020	.0
Tetrachloro-m-xylene	9.32	9.26	9.36	.022	.020	10.0
Decachlorobiphenyl	38.73	38.61	38.81	.040	.040	.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK07 Date Analyzed : 07/06/96

LAB Sample ID (PIBLK): PIBLK07 Time Analyzed : 21:11

EPA Sample No.(INDA): INDAM04 Date Analyzed : 07/06/96

LAB Sample ID (INDA): INDAM04 Time Analyzed : 22:08

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.42	13.38	13.48	.020	.020	.0
gamma-BHC (Lindane)	15.27	15.22	15.32	.020	.020	.0
Heptachlor	16.30	16.26	16.36	.020	.020	.0
Endosulfan I	21.75	21.69	21.83	.020	.020	.0
Dieldrin	23.40	23.34	23.48	.040	.040	.0
Endrin	24.36	24.30	24.44	.041	.040	2.5
4,4'-DDD	26.54	26.47	26.61	.038	.040	- 5.0
4,4'-DDT	27.43	27.37	27.51	.031	.040	-22.5
Methoxychlor	30.85	30.79	30.93	.180	.200	-10.0
Tetrachloro-m-xylene	9.31	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.70	38.61	38.81	.040	.040	.0

EPA Sample No.(INDB): INDBM04 Date Analyzed : 07/06/96

LAB Sample ID (INDB): INDBM04 Time Analyzed : 23:05

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.63	18.58	18.68	.018	.020	10.0
delta-BHC	19.70	19.66	19.76	.017	.020	15.0
Aldrin	17.57	17.52	17.62	.018	.020	10.0
Heptachlor epoxide	20.54	20.48	20.62	.019	.020	5.0
4,4'-DDE	22.76	22.70	22.84	.036	.040	10.0
Endosulfan II	26.74	26.68	26.82	.036	.040	10.0
Endosulfan Sulfate	30.59	30.54	30.68	.034	.040	15.0
Endrin ketone	32.94	32.87	33.01	.035	.040	12.5
Endrin aldehyde	28.86	28.80	28.94	.035	.040	12.5
alpha-Chlordane	22.23	22.17	22.31	.018	.020	10.0
gamma-Chlordane	21.98	21.92	22.06	.018	.020	10.0
Tetrachloro-m-xylene	9.31	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.72	38.61	38.81	.038	.040	5.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK12 Date Analyzed : 07/09/96

LAB Sample ID (PIBLK): PIBLK12 Time Analyzed : 22:48

EPA Sample No.(INDA): INDAM05 Date Analyzed : 07/09/96

LAB Sample ID (INDA): INDAM05 Time Analyzed : 23:40

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.42	13.38	13.48	.021	.020	5.0
gamma-BHC (Lindane)	15.27	15.22	15.32	.021	.020	5.0
Heptachlor	16.30	16.26	16.36	.020	.020	.0
Endosulfan I	21.76	21.69	21.83	.020	.020	.0
Dieldrin	23.40	23.34	23.48	.040	.040	.0
Endrin	24.37	24.30	24.44	.044	.040	10.0
4,4'-DDD	26.51	26.47	26.61	.049	.040	22.5
4,4'-DDT	27.42	27.37	27.51	.041	.040	2.5
Methoxychlor	30.84	30.79	30.93	.214	.200	7.0
Tetrachloro-m-xylene	9.30	9.26	9.36	.021	.020	5.0
Decachlorobiphenyl	38.69	38.61	38.81	.039	.040	-2.5

EPA Sample No.(INDB): INDBM05 Date Analyzed : 07/10/96

LAB Sample ID (INDB): INDBM05 Time Analyzed : 00:31

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.63	18.58	18.68	.022	.020	10.0
delta-BHC	19.70	19.66	19.76	.025	.020	25.0
Aldrin	17.57	17.52	17.62	.020	.020	.0
Heptachlor epoxide	20.54	20.48	20.62	.019	.020	5.0
4,4'-DDE	22.74	22.70	22.84	.045	.040	12.5
Endosulfan II	26.74	26.68	26.82	.048	.040	20.0
Endosulfan Sulfate	30.59	30.54	30.68	.041	.040	2.5
Endrin ketone	32.94	32.87	33.01	.042	.040	5.0
Endrin aldehyde	28.86	28.80	28.94	.040	.040	.0
alpha-Chlordane	22.24	22.17	22.31	.020	.020	.0
gamma-Chlordane	21.98	21.92	22.06	.021	.020	5.0
Tetrachloro-m-xylene	9.31	9.26	9.36	.021	.020	5.0
Decachlorobiphenyl	38.70	38.61	38.81	.039	.040	2.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK14 Date Analyzed : 07/10/96

LAB Sample ID (PIBLK): PIBLK14 Time Analyzed : 18:56

EPA Sample No.(INDA): INDAM06 Date Analyzed : 07/10/96

LAB Sample ID (INDA): INDAM06 Time Analyzed : 19:48

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.40	13.38	13.48	.020	.020	.0
gamma-BHC (Lindane)	15.25	15.22	15.32	.020	.020	.0
Heptachlor	16.28	16.26	16.36	.020	.020	.0
Endosulfan I	21.73	21.69	21.83	.019	.020	- 5.0
Dieldrin	23.38	23.34	23.48	.038	.040	- 5.0
Endrin	24.33	24.30	24.44	.040	.040	.0
4,4'-DDD	26.49	26.47	26.61	.042	.040	5.0
4,4'-DDT	27.39	27.37	27.51	.034	.040	-15.0
Methoxychlor	30.81	30.79	30.93	.190	.200	- 5.0
Tetrachloro-m-xylene	9.28	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.66	38.61	38.81	.038	.040	- 5.0

EPA Sample No.(INDB): INDBM06 Date Analyzed : 07/10/96

LAB Sample ID (INDB): INDBM06 Time Analyzed : 20:40

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.60	18.58	18.68	.020	.020	.0
delta-BHC	19.68	19.66	19.76	.022	.020	10.0
Aldrin	17.54	17.52	17.62	.021	.020	5.0
Heptachlor epoxide	20.52	20.48	20.62	.019	.020	- 5.0
4,4'-DDE	22.73	22.70	22.84	.038	.040	- 5.0
Endosulfan II	26.71	26.68	26.82	.040	.040	.0
Endosulfan Sulfate	30.56	30.54	30.68	.039	.040	- 2.5
Endrin ketone	32.89	32.87	33.01	.040	.040	.0
Endrin aldehyde	28.82	28.80	28.94	.038	.040	- 5.0
alpha-Chlordane	22.21	22.17	22.31	.019	.020	- 5.0
gamma-Chlordane	21.96	21.92	22.06	.020	.020	.0
Tetrachloro-m-xylene	9.28	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.66	38.61	38.81	.038	.040	- 5.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

EPA Sample No.(PIBLK): PIBLK18 Date Analyzed : 07/12/96

LAB Sample ID (PIBLK): PIBLK18 Time Analyzed : 04:58

EPA Sample No.(INDA): INDAM07 Date Analyzed : 07/12/96

LAB Sample ID (INDA): INDAM07 Time Analyzed : 05:49

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.41	13.38	13.48	.020	.020	.0
gamma-BHC (Lindane)	15.25	15.22	15.32	.020	.020	.0
Heptachlor	16.29	16.26	16.36	.019	.020	- 5.0
Endosulfan I	21.74	21.69	21.83	.019	.020	- 5.0
Dieldrin	23.38	23.34	23.48	.039	.040	- 2.5
Endrin	24.34	24.30	24.44	.039	.040	- 2.5
4,4'-DDD	26.49	26.47	26.61	.030	.040	- 25.0
4,4'-DDT	27.40	27.37	27.51	.031	.040	-22.5
Methoxychlor	30.83	30.79	30.93	.181	.200	- 9.5
Tetrachloro-m-xylene	9.29	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.68	38.61	38.81	.039	.040	- 2.5

EPA Sample No.(INDB): INDBM07 Date Analyzed : 07/12/96

LAB Sample ID (INDB): INDBM07 Time Analyzed : 06:41

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.61	18.58	18.68	.020	.020	.0
delta-BHC	19.68	19.66	19.76	.022	.020	10.0
Aldrin	17.56	17.52	17.62	.021	.020	5.0
Heptachlor epoxide	20.53	20.48	20.62	.019	.020	- 5.0
4,4'-DDE	22.73	22.70	22.84	.036	.040	-10.0
Endosulfan II	26.72	26.68	26.82	.039	.040	- 2.5
Endosulfan Sulfate	30.57	30.54	30.68	.039	.040	- 2.5
Endrin ketone	32.91	32.87	33.01	.043	.040	7.5
Endrin aldehyde	28.84	28.80	28.94	.039	.040	- 2.5
alpha-Chlordane	22.22	22.17	22.31	.020	.020	.0
gamma-Chlordane	21.97	21.92	22.06	.020	.020	.0
Tetrachloro-m-xylene	9.29	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.68	38.61	38.81	.040	.040	.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK02A Date Analyzed : 07/14/96

LAB Sample ID (PIBLK): PIBLK02A Time Analyzed : 15:37

EPA Sample No.(INDA): INDAM02A Date Analyzed : 07/14/96

LAB Sample ID (INDA): INDAM02A Time Analyzed : 16:31

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.42	13.37	13.47	.020	.020	.0
gamma-BHC (Lindane)	15.27	15.22	15.32	.020	.020	.0
Heptachlor	16.31	16.26	16.36	.020	.020	.0
Endosulfan I	21.75	21.69	21.83	.020	.020	.0
Dieldrin	23.40	23.33	23.47	.039	.040	- 2.5
Endrin	24.36	24.30	24.44	.041	.040	2.5
4,4'-DDD	26.53	26.45	26.59	.041	.040	2.5
4,4'-DDT	27.43	27.36	27.50	.036	.040	-10.0
Methoxychlor	30.84	30.77	30.91	.201	.200	.5
Tetrachloro-m-xylene	9.31	9.26	9.36	.021	.020	5.0
Decachlorobiphenyl	38.69	38.61	38.81	.040	.040	.0

EPA Sample No.(INDB): INDBM02A Date Analyzed : 07/14/96

LAB Sample ID (INDB): INDBM02A Time Analyzed : 17:26

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.62	18.58	18.68	.022	.020	10.0
delta-BHC	19.69	19.65	19.75	.021	.020	5.0
Aldrin	17.57	17.52	17.62	.021	.020	5.0
Heptachlor epoxide	20.54	20.47	20.61	.020	.020	.0
4,4'-DDE	22.75	22.69	22.83	.041	.040	2.5
Endosulfan II	26.74	26.67	26.81	.040	.040	.0
Endosulfan Sulfate	30.59	30.52	30.66	.039	.040	2.5
Endrin ketone	32.92	32.86	33.00	.037	.040	7.5
Endrin aldehyde	28.85	28.79	28.93	.040	.040	.0
alpha-Chlordane	22.23	22.17	22.31	.020	.020	.0
gamma-Chlordane	21.98	21.91	22.05	.020	.020	.0
Tetrachloro-m-xylene	9.31	9.26	9.36	.021	.020	5.0
Decachlorobiphenyl	38.69	38.61	38.81	.040	.040	.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK05A Date Analyzed : 07/15/96

LAB Sample ID (PIBLK): PIBLK05A Time Analyzed : 12:36

EPA Sample No.(INDA): INDAM03A Date Analyzed : 07/15/96

LAB Sample ID (INDA): INDAM03A Time Analyzed : 13:31

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.42	13.37	13.47	.020	.020	.0
gamma-BHC (Lindane)	15.27	15.22	15.32	.021	.020	5.0
Heptachlor	16.31	16.26	16.36	.020	.020	.0
Endosulfan I	21.76	21.69	21.83	.020	.020	.0
Dieldrin	23.41	23.33	23.47	.040	.040	.0
Endrin	24.37	24.30	24.44	.041	.040	2.5
4,4'-DDD	26.54	26.45	26.59	.039	.040	- 2.5
4,4'-DDT	27.44	27.36	27.50	.032	.040	-20.0
Methoxychlor	30.86	30.77	30.91	.187	.200	- 6.5
Tetrachloro-m-xylene	9.31	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.72	38.61	38.81	.040	.040	.0

EPA Sample No.(INDB): INDBM03A Date Analyzed : 07/15/96

LAB Sample ID (INDB): INDBM03A Time Analyzed : 14:26

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.63	18.58	18.68	.020	.020	.0
delta-BHC	19.70	19.65	19.75	.020	.020	.0
Aldrin	17.58	17.52	17.62	.020	.020	.0
Heptachlor epoxide	20.54	20.47	20.61	.020	.020	.0
4,4'-DDE	22.76	22.69	22.83	.039	.040	- 2.5
Endosulfan II	26.74	26.67	26.81	.040	.040	.0
Endosulfan Sulfate	30.59	30.52	30.66	.038	.040	- 5.0
Endrin ketone	32.93	32.86	33.00	.040	.040	.0
Endrin aldehyde	28.86	28.79	28.93	.039	.040	- 2.5
alpha-Chlordane	22.24	22.17	22.31	.020	.020	.0
gamma-Chlordane	21.98	21.91	22.05	.020	.020	.0
Tetrachloro-m-xylene	9.31	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.72	38.61	38.81	.040	.040	.0

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK09A Date Analyzed : 07/16/96

LAB Sample ID (PIBLK): PIBLK09A Time Analyzed : 09:36

EPA Sample No.(INDA): INDAM04A Date Analyzed : 07/16/96

LAB Sample ID (INDA): INDAM04A Time Analyzed : 10:31

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.43	13.37	13.47	.020	.020	.0
gamma-BHC (Lindane)	15.27	15.22	15.32	.020	.020	.0
Heptachlor	16.31	16.26	16.36	.020	.020	.0
Endosulfan I	21.76	21.69	21.83	.020	.020	.0
Dieldrin	23.41	23.33	23.47	.039	.040	- 2.5
Endrin	24.37	24.30	24.44	.039	.040	- 2.5
4,4'-DDD	26.54	26.45	26.59	.037	.040	- 7.5
4,4'-DDT	27.44	27.36	27.50	.033	.040	-17.5
Methoxychlor	30.85	30.77	30.91	.200	.200	.0
Tetrachloro-m-xylene	9.31	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.71	38.61	38.81	.039	.040	- 2.5

EPA Sample No.(INDB): INDBM04A Date Analyzed : 07/16/96

LAB Sample ID (INDB): INDBM04A Time Analyzed : 11:26

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.62	18.58	18.68	.021	.020	5.0
delta-BHC	19.70	19.65	19.75	.020	.020	.0
Aldrin	17.57	17.52	17.62	.020	.020	.0
Heptachlor epoxide	20.54	20.47	20.61	.020	.020	.0
4,4'-DDE	22.76	22.69	22.83	.039	.040	- 2.5
Endosulfan II	26.74	26.67	26.81	.039	.040	- 2.5
Endosulfan Sulfate	30.59	30.52	30.66	.038	.040	- 5.0
Endrin ketone	32.93	32.86	33.00	.036	.040	-10.0
Endrin aldehyde	28.85	28.79	28.93	.038	.040	- 5.0
alpha-Chlordane	22.23	22.17	22.31	.020	.020	.0
gamma-Chlordane	21.98	21.91	22.05	.019	.020	- 5.0
Tetrachloro-m-xylene	9.31	9.26	9.36	.021	.020	5.0
Decachlorobiphenyl	38.71	38.61	38.81	.039	.040	- 2.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK13A Date Analyzed : 07/17/96

LAB Sample ID (PIBLK): PIBLK13A Time Analyzed : 17:52

EPA Sample No.(INDA): INDAM05A Date Analyzed : 07/17/96

LAB Sample ID (INDA): INDAM05A Time Analyzed : 18:47

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.42	13.37	13.47	.020	.020	.0
gamma-BHC (Lindane)	15.26	15.22	15.32	.020	.020	.0
Heptachlor	16.29	16.26	16.36	.021	.020	5.0
Endosulfan I	21.74	21.69	21.83	.020	.020	.0
Dieldrin	23.38	23.33	23.47	.039	.040	- 2.5
Endrin	24.35	24.30	24.44	.040	.040	.0
4,4'-DDD	26.51	26.45	26.59	.044	.040	10.0
4,4'-DDT	27.41	27.36	27.50	.042	.040	5.0
Methoxychlor	30.83	30.77	30.91	.218	.200	9.0
Tetrachloro-m-xylene	9.30	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.67	38.61	38.81	.040	.040	.0

EPA Sample No.(INDB): INDBM05A Date Analyzed : 07/17/96

LAB Sample ID (INDB): INDBM05A Time Analyzed : 19:42

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.61	18.58	18.68	.021	.020	5.0
delta-BHC	19.68	19.65	19.75	.020	.020	.0
Aldrin	17.56	17.52	17.62	.020	.020	.0
Heptachlor epoxide	20.53	20.47	20.61	.020	.020	.0
4,4'-DDE	22.73	22.69	22.83	.040	.040	.0
Endosulfan II	26.72	26.67	26.81	.040	.040	.0
Endosulfan Sulfate	30.56	30.52	30.66	.039	.040	- 2.5
Endrin ketone	32.90	32.86	33.00	.040	.040	.0
Endrin aldehyde	28.83	28.79	28.93	.040	.040	.0
alpha-Chlordane	22.23	22.17	22.31	.020	.020	.0
gamma-Chlordane	21.97	21.91	22.05	.020	.020	.0
Tetrachloro-m-xylene	9.30	9.26	9.36	.020	.020	.0
Decachlorobiphenyl	38.68	38.61	38.81	.039	.040	- 2.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

EPA Sample No.(PIBLK): PIBLK17A Date Analyzed : 07/22/96

LAB Sample ID (PIBLK): PIBLK17A Time Analyzed : 17:28

EPA Sample No.(INDA): INDAM06A Date Analyzed : 07/22/96

LAB Sample ID (INDA): INDAM06A Time Analyzed : 18:23

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	13.41	13.37	13.47	.021	.020	5.0
gamma-BHC (Lindane)	15.25	15.22	15.32	.021	.020	5.0
Heptachlor	16.28	16.26	16.36	.021	.020	5.0
Endosulfan I	21.73	21.69	21.83	.021	.020	5.0
Dieldrin	23.38	23.33	23.47	.041	.040	2.5
Endrin	24.34	24.30	24.44	.041	.040	2.5
4,4'-DDD	26.49	26.45	26.59	.046	.040	15.0
4,4'-DDT	27.39	27.36	27.50	.038	.040	- 5.0
Methoxychlor	30.81	30.77	30.91	.213	.200	6.5
Tetrachloro-m-xylene	9.29	9.26	9.36	.021	.020	5.0
Decachlorobiphenyl	38.65	38.61	38.81	.040	.040	.0

EPA Sample No.(INDB): INDBM06A Date Analyzed : 07/22/96

LAB Sample ID (INDB): INDBM06A Time Analyzed : 19:18

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	18.60	18.58	18.68	.022	.020	10.0
delta-BHC	19.68	19.65	19.75	.021	.020	5.0
Aldrin	17.55	17.52	17.62	.021	.020	5.0
Heptachlor epoxide	20.53	20.47	20.61	.020	.020	.0
4,4'-DDE	22.73	22.69	22.83	.042	.040	5.0
Endosulfan II	26.71	26.67	26.81	.041	.040	2.5
Endosulfan Sulfate	30.55	30.52	30.66	.040	.040	.0
Endrin ketone	32.89	32.86	33.00	.040	.040	.0
Endrin aldehyde	28.82	28.79	28.93	.040	.040	.0
alpha-Chlordane	22.22	22.17	22.31	.020	.020	.0
gamma-Chlordane	21.97	21.91	22.05	.020	.020	.0
Tetrachloro-m-xylene	9.29	9.26	9.36	.021	.020	5.0
Decachlorobiphenyl	38.66	38.61	38.81	.040	.040	.0

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.08 DCB: 41.68

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESC01	RESC01	07/01/96	13:49	9.08	41.69
02	PEM01	PEM01	07/01/96	14:46	9.08	41.68
03	AR166001	AR166001	07/01/96	15:43	9.08	41.68
04	AR122101	AR122101	07/01/96	16:40	9.08	41.68
05	AR123201	AR123201	07/01/96	17:37	9.08	41.68
06	AR124201	AR124201	07/01/96	18:34	9.08	41.68
07	AR124801	AR124801	07/01/96	19:30	9.08	41.68
08	AR15401	AR125401	07/01/96	20:27	9.08	41.67
09	TOXAPH01	TOXAPH01	07/01/96	21:23	9.07	41.68
10	INDAL01	INDAL01	07/01/96	22:20	9.07	41.68
11	INDBL01	INDBL01	07/01/96	23:16	9.07	41.68
12	INDAM01	INDAM01	07/02/96	00:13	9.08	41.68
13	INDBM01	INDBM01	07/02/96	01:09	9.08	41.68
14	INDAH01	INDAH01	07/02/96	02:06	9.08	41.68
15	INDBH01	INDBH01	07/02/96	03:03	9.08	41.68
16	PIBLK01	PIBLK01	07/02/96	04:00	9.08	41.70
17	PEM02	PEM02	07/02/96	04:57	9.08	41.69
18	ZZZZZ		07/02/96	08:45	9.08	41.68
19	ZZZZZ		07/02/96	09:42	9.08	41.67
20	ZZZZZ		07/02/96	10:39	9.08	41.67
21	ZZZZZ		07/02/96	11:36	9.07	41.65
22	ZZZZZ		07/02/96	12:33	9.07	41.65
23	ZZZZZ		07/02/96	13:30	9.07	41.66
24	PIBLK02	PIBLK02	07/02/96	14:27	9.07	41.66
25	INDAM02	INDAM02	07/02/96	15:24	9.07	41.66
26	INDBM02	INDBM02	07/02/96	16:21	9.07	41.67
27	ZZZZZ		07/02/96	17:18	9.07	41.66
28	ZZZZZ		07/02/96	18:15	9.07	41.65
29	ZZZZZ		07/02/96	19:12	9.07	41.67
30	ZZZZZ		07/02/96	20:09	9.07	41.66
31	ZZZZZ		07/02/96	21:06	9.07	41.65
32	ZZZZZ		07/02/96	22:04	9.07	41.66

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.08 DCB: 41.68

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ZZZZZ		07/02/96	23:00	9.07	41.66
02	ZZZZZ		07/02/96	23:57	9.07	41.67
03	PIBLK03	PIBLK03	07/03/96	00:53	9.08	41.68
04	PEM03	PEM03	07/03/96	01:50	9.08	41.68
05	ZZZZZ		07/03/96	02:47	9.08	41.68
06	ZZZZZ		07/03/96	03:43	9.08	41.68
07	ZZZZZ		07/03/96	04:40	9.08	41.68
08	ZZZZZ		07/03/96	05:37	9.08	41.68
09	ZZZZZ		07/03/96	06:34	9.08	41.68
10	ZZZZZ		07/03/96	07:32	9.08	41.68
11	ZZZZZ		07/03/96	08:29	9.08	41.68
12	ZZZZZ		07/03/96	09:25	9.08	41.68
13	PIBLK04	PIBLK04	07/03/96	10:22	9.08	41.69
14	INDAM03	INDAM03	07/03/96	13:03	9.07	41.69
15	INDBM03	INDBM03	07/03/96	14:00	9.08	41.70
16	ZZZZZ		07/03/96	18:40	9.08	41.68
17	ZZZZZ		07/03/96	19:36	9.08	41.68
18	ZZZZZ		07/03/96	20:32	9.08	41.68
19	ZZZZZ		07/03/96	21:28	9.08	41.68
20	ZZZZZ		07/03/96	22:24	9.08	*
21	ZZZZZ		07/03/96	23:20	9.08	41.68
22	PIBLK05	PIBLK05	07/04/96	00:16	9.08	41.69
23	PEM04	PEM04	07/04/96	01:12	9.08	41.69
24	PIBLK06	PIBLK06	07/06/96	11:41	9.07	41.66
25	PEM05	PEM05	07/06/96	12:38	9.07	41.67
26	PBLK34	PBLK34	07/06/96	13:35	9.07	41.66
27	RIN1A	238543	07/06/96	14:32	9.07	41.66
28	RIN1AMS	238543	07/06/96	15:29	9.07	41.66
29	RIN1AMSD	238543	07/06/96	16:26	9.07	41.66
30	ZZZZZ		07/06/96	17:23	9.07	41.66
31	ZZZZZ		07/06/96	18:20	9.07	41.66
32	ZZZZZ		07/06/96	19:17	9.07	41.66

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.08 DCB: 41.68

	EPA SAMPLE NO.		LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PBLK31		PBLK31	07/06/96	20:14	9.07		41.64	
02	PIBLK07		PIBLK07	07/06/96	21:11	9.07		41.66	
03	INDAM04		INDAM04	07/06/96	22:08	9.07		41.66	
04	INDBM04		INDBM04	07/06/96	23:05	9.07		41.68	
05	ZZZZZ			07/07/96	00:02	9.07		41.64	
06	ZZZZZ			07/07/96	00:59	9.07		41.76	
07	ZZZZZ			07/07/96	01:55	9.07		41.66	
08	S3		238539	07/07/96	02:52	9.07		41.65	
09	SS3		238540	07/07/96	03:48	9.07		41.65	
10	ZZZZZ			07/07/96	04:45	9.07		41.65	
11	PIBLK08		PIBLK08	07/07/96	05:41	9.07		41.66	
12	PIBLK09		PIBLK09	07/07/96	06:38	9.07		41.67	
13	PIBLK10		PIBLK10	07/07/96	07:35	9.07		41.67	
14	PEM06		PEM06	07/07/96	08:32	9.07		41.67	
15	PIBLK11		PIBLK11	07/09/96	13:17	9.09		41.68	
16	PEM07		PEM07	07/09/96	14:09	9.09		41.68	
17	AR125402		AR125402	07/09/96	15:00	9.10		41.68	
18	ZZZZZ			07/09/96	15:52	9.09		41.66	
19	S2	DL	238537	07/09/96	16:45	9.08		41.63	
20	SS2		238538	07/09/96	17:37	9.08		41.64	
21	S3	DL	238539	07/09/96	18:29	9.09		41.68	
22	S4	DL	238541	07/09/96	19:21	9.08		41.63	
23	SS4	DL	238542	07/09/96	20:13	9.08		41.67	
24	S5	DL	238545	07/09/96	21:05		*	41.67	
25	ZZZZZ			07/09/96	21:56		*	41.67	
26	PIBLK12		PIBLK12	07/09/96	22:48	9.09		41.67	
27	INDAM05		INDAM05	07/09/96	23:40	9.07		41.60	
28	INDBM05		INDBM05	07/10/96	00:31	9.07		41.61	
29	ZZZZZ			07/10/96	01:23		*	41.68	
30	SS6	DL	238548	07/10/96	02:14		*	41.68	
31				07/10/96	03:06		*	41.68	
32	SS26	DL	238550	07/10/96	03:58		*		*

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.08 DCB: 41.68

	EPA SAMPLE NO.		LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	S7	DL	238551	07/10/96	04:50	9.09			*
02	ZZZZZ			07/10/96	05:41	9.09		41.67	
03	S8	DL	238553	07/10/96	06:34	9.08		41.65	
04	SS8		238554	07/10/96	07:26	9.08		41.66	
05	PIBLK13		PIBLK13	07/10/96	08:19	9.08		41.68	
06	PEM08		PEM08	07/10/96	09:11	9.09		41.68	
07	ZZZZZ			07/10/96	10:03	9.08			*
08	SS9		238556	07/10/96	10:55	9.08		41.64	
09	S10		238557	07/10/96	11:47	9.08		41.62	
10	SS5	DL	238546	07/10/96	16:21		*	41.65	
11	S1	DL	238535	07/10/96	17:13	9.07		41.62	
12	PIBLK14		PIBLK14	07/10/96	18:56	9.07		41.62	
13	INDAM06		INDAM06	07/10/96	19:48	9.07		41.61	
14	INDBM06		INDBM06	07/10/96	20:40	9.07		41.62	
15	S26		238549	07/10/96	21:32		*	41.63	
16	SS7		238552	07/10/96	22:23	9.06		41.62	
17	S9	DL	238555	07/10/96	23:15	9.07			*
18	S1		238535	07/11/96	00:07	9.08		41.63	
19	S2		238537	07/11/96	00:58	9.07		41.73	
20	S4		238541	07/11/96	02:42	9.08		41.58	
21	PIBLK16		PIBLK16	07/11/96	04:25	9.07		41.62	
22	PEM09		PEM09	07/11/96	05:17	9.07		41.62	
23	PIBLK17		PIBLK17	07/11/96	20:23	9.07		41.62	
24	PEM10		PEM10	07/11/96	21:14	9.07		41.62	
25	SS2	RE	238538	07/11/96	22:06	9.07		41.60	
26	SS4		238542	07/11/96	23:49	9.07		41.60	
27	S5		238545	07/12/96	00:40	9.07		41.60	
28	SS5		238546	07/12/96	01:32	9.07		41.63	
29	S6		238547	07/12/96	02:23	9.06		41.63	
30	SS6		238548	07/12/96	03:15	9.06		41.63	
31	S26		238549	07/12/96	04:06	9.06		41.63	
32	PIBLK18		PIBLK18	07/12/96	04:58	9.07		41.63	

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.08 DCB: 41.68

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDAM07	INDAM07	07/12/96	05:49	9.08	41.63
02	INDAM07	INDAM07	07/12/96	06:41	9.08	41.63
03	SS26	238550	07/12/96	07:33	9.06	41.63
04	S8	238553	07/12/96	08:24	9.07	*
05	S7	238551	07/12/96	09:16	9.08	*
06	S9	238555	07/12/96	10:08	9.08	*
07	S1 MS	238535	07/12/96	11:00	9.08	*
08	S1 MSD	238535	07/12/96	12:03	9.07	41.59
09	PIBLK19	PIBLK19	07/12/96	12:57	9.07	41.63
10	S6 DL	238547	07/12/96	13:51	*	41.61
11	AR125403	AR125403	07/12/96	14:46	9.07	41.63
12	PIBLK20	PIBLK20	07/12/96	15:55	9.07	41.61
13	PEM11	PEM11	07/12/96	16:49	9.07	41.62
14						
15						
16						
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18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.08 DCB: 41.66

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESC01	RESC01	07/13/96	14:40	9.07	41.65
02	PEM01	PEM01	07/13/96	15:35	9.07	41.66
03	AR166001	AR166001	07/13/96	16:30	9.07	41.65
04	AR122101	AR122101	07/13/96	17:26	9.07	41.66
05	AR123201	AR123201	07/13/96	18:21	9.07	41.66
06	AR124201	AR124201	07/13/96	19:16	9.08	41.65
07	AR124801	AR124801	07/13/96	20:11	9.07	41.66
08	AR125401	AR125401	07/13/96	21:06	9.07	41.66
09	TOXAPH01	TOXAPH01	07/13/96	22:00	9.08	41.66
10	INDAL01	INDAL01	07/13/96	22:55	9.07	41.66
11	INDBL01	INDBL01	07/13/96	23:50	9.08	41.66
12	INDAM01	INDAM01	07/14/96	00:44	9.08	41.66
13	INDBM01	INDBM01	07/14/96	01:39	9.08	41.66
14	INDAH01	INDAH01	07/14/96	02:33	9.07	41.65
15	INDBH01	INDBH01	07/14/96	03:28	9.07	41.65
16	PIBLK01	PIBLK01	07/14/96	04:22	9.08	41.66
17	PEM02	PEM02	07/14/96	05:17	9.08	41.66
18	PBLK32	PBLK32	07/14/96	06:11	9.07	41.65
19	ZZZZZ		07/14/96	07:06	9.06	41.66
20	ZZZZZ		07/14/96	08:01	*	*
21	ZZZZZ		07/14/96	08:56	9.07	*
22	S12	238561	07/14/96	09:51	9.07	41.67
23	ZZZZZ		07/14/96	10:45	9.07	*
24	ZZZZZ		07/14/96	11:40	9.07	41.62
25	ZZZZZ		07/14/96	12:52	9.08	41.59
26	ZZZZZ		07/14/96	13:47	9.07	41.73
27	ZZZZZ		07/14/96	14:42	9.07	*
28	PIBLK02	PIBLK02	07/14/96	15:36	9.07	41.67
29	INDAM02	INDAM02	07/14/96	16:31	9.07	41.65
30	INDBM02	INDBM02	07/14/96	17:26	9.07	41.64
31	ZZZZZ		07/14/96	18:20	9.07	41.62
32	ZZZZZ		07/14/96	19:15	9.07	41.64

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.08 DCB: 41.66

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	ZZZZZ		07/14/96	20:09	9.07		41.61	
02	SS1	238536	07/14/96	21:03	9.07		41.62	
03	SS10	238558	07/14/96	21:58	9.07		41.64	
04	ZZZZZ		07/14/96	22:52	9.07		41.64	
05	S11	238559	07/14/96	23:47	9.07		41.60	
06	SS12	238562	07/15/96	00:43	9.06		41.61	
07	ZZZZZ		07/15/96	01:37	9.07		41.62	
08	PIBLK03	PIBLK03	07/15/96	02:32	9.07		41.64	
09	PEM03	PEM03	07/15/96	03:26	9.07		41.64	
10	ZZZZZ		07/15/96	04:21	9.07		41.62	
11	SS11	238560	07/15/96	05:16	9.06			*
12	ZZZZZ		07/15/96	06:11		*		*
13	ZZZZZ		07/15/96	07:06	9.05		41.63	
14	ZZZZZ		07/15/96	08:01	9.07			*
15	ZZZZZ		07/15/96	08:56	9.07		41.64	
16	SS1	238536	07/15/96	09:51	9.07		41.65	
17	SS10	238558	07/15/96	10:46	9.07		41.63	
18	PIBLK04	PIBLK04	07/15/96	11:41	9.07		41.66	
19	PIBLK05	PIBLK05	07/15/96	12:36	9.07		41.67	
20	INDAM03	INDAM03	07/15/96	13:31	9.07		41.66	
21	INDBM03	INDBM03	07/15/96	14:26	9.07		41.67	
22	S11	238559	07/15/96	15:21	9.07		41.60	
23	ZZZZZ		07/15/96	16:16	9.07		41.65	
24	S15	238913	07/15/96	17:12	9.08		41.62	
25	ZZZZZ		07/15/96	18:07	9.07		41.63	
26	ZZZZZ		07/15/96	19:01	9.07		41.53	*
27	ZZZZZ		07/15/96	19:56	9.06		41.63	
28	ZZZZZ		07/15/96	20:51	9.07		41.63	
29	ZZZZZ		07/15/96	21:45	9.07		41.64	
30	PIBLK06	PIBLK06	07/15/96	22:40	9.07		41.67	
31	PIBLK07	PIBLK07	07/15/96	23:36	9.08		41.67	
32	PEM04	PEM04	07/16/96	00:31	9.08		41.68	

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.08 DCB: 41.66

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ZZZZZ		07/16/96	01:25	9.08	41.64
02	ZZZZZ		07/16/96	02:20	9.08	*
03	ZZZZZ		07/16/96	03:15	9.08	41.59
04	ZZZZZ		07/16/96	04:09	9.08	41.77 *
05	ZZZZZ		07/16/96	05:04	9.08	41.65
06	ZZZZZ		07/16/96	05:59	9.07	41.64
07	ZZZZZ		07/16/96	06:54	9.08	41.63
08	ZZZZZ		07/16/96	07:50	9.07	41.63
09	ZZZZZ		07/16/96	09:20	*	*
10	PIBLK09	PIBLK09	07/16/96	09:36	9.08	41.68
11	INDAM04	INDAM04	07/16/96	10:31	9.08	41.67
12	INDBM04	INDBM04	07/16/96	11:26	9.07	41.66
13	ZZZZZ		07/16/96	12:21	9.06	*
14	ZZZZZ		07/16/96	13:16	9.07	41.63
15	ZZZZZ		07/16/96	14:11	*	*
16	ZZZZZ		07/16/96	15:06	9.08	41.65
17	ZZZZZ		07/16/96	16:01	9.07	41.62
18	ZZZZZ		07/16/96	16:56	9.07	*
19	ZZZZZ		07/16/96	17:51	9.07	41.61
20	PIBLK10	PIBLK10	07/16/96	18:47	9.07	41.63
21	PIBLK11	PIBLK11	07/16/96	19:42	9.07	41.64
22	PEM05	PEM05	07/16/96	20:37	9.07	41.64
23	PIBLK12	PIBLK12	07/17/96	07:39	9.07	41.64
24	PEM06	PEM06	07/17/96	08:41	9.07	41.63
25	AR125402	AR125402	07/17/96	09:36	9.07	41.66
26	S12	238562	07/17/96	10:31	9.06	41.62
27	S12	238561	07/17/96	11:26	9.06	*
28	SS1 MS	238536	07/17/96	12:21	9.07	41.63
29	SS1 MSD	238536	07/17/96	13:16	9.07	41.63
30	ZZZZZ		07/17/96	14:11	9.07	41.58
31	ZZZZZ		07/17/96	15:06	9.05	*
32	ZZZZZ		07/17/96	16:01	9.07	41.58

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB608 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.08 DCB: 41.66

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	ZZZZZ		07/17/96	16:57	9.07		41.58	
02	PIBLK13	PIBLK13	07/17/96	17:52	9.07		41.61	
03	INDAM05	INDAM05	07/17/96	18:47	9.07		41.62	
04	INDBM05	INDBM05	07/17/96	19:42	9.07		41.63	
05	ZZZZZ		07/17/96	20:37	9.06		41.47	*
06	ZZZZZ		07/17/96	21:32	9.06		41.58	
07	ZZZZZ		07/17/96	22:26	9.06			*
08	ZZZZZ		07/17/96	23:21	9.06		41.61	
09	ZZZZZ		07/18/96	00:15	9.06		41.61	
10	ZZZZZ		07/18/96	01:10	9.07			*
11	ZZZZZ		07/18/96	02:05	9.07			*
12	PIBLK14	PIBLK14	07/18/96	02:59	9.07		41.65	
13	PIBLK15	PIBLK15	07/18/96	03:54	9.07		41.65	
14	PEM07	PEM07	07/18/96	04:48	9.07		41.65	
15	ZZZZZ		07/22/96	07:33	9.05		41.60	
16	PIBLK16	PIBLK16	07/22/96	08:28	9.07		41.61	
17	PEM08	PEM08	07/22/96	09:23	9.07		41.61	
18	SS7	238552	07/22/96	10:46	9.06		41.60	
19	SS9	238556	07/22/96	11:42	9.07		41.61	
20	S10	238557	07/22/96	12:36	9.07		41.60	
21	SS11	238560	07/22/96	13:31	9.05		41.59	
22	SS8	238554	07/22/96	14:42	9.06		41.60	
23	ZZZZZ		07/22/96	15:37	9.07		41.61	
24	AR125403	AR125403	07/22/96	16:33	9.07		41.61	
25	PIBLK17	PIBLK17	07/22/96	17:28	9.06		41.61	
26	INDAM06	INDAM06	07/22/96	18:23	9.06		41.60	
27	INDBM06	INDBM06	07/22/96	19:18	9.06		41.61	
28								
29								
30								
31								
32								

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.31 DCB: 38.71

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESC01	RESC01	07/01/96	13:49	9.32	38.72
02	PEM01	PEM01	07/01/96	14:46	9.32	38.70
03	AR166001	AR166001	07/01/96	15:43	9.32	38.72
04	AR122101	AR122101	07/01/96	16:40	9.32	38.71
05	AR123201	AR123201	07/01/96	17:36	9.32	38.71
06	AR124201	AR124201	07/01/96	18:33	9.31	38.70
07	AR124801	AR124801	07/01/96	19:30	9.31	38.71
08	AR125401	AR125401	07/01/96	20:27	9.31	38.71
09	TOXAPH01	TOXAPH01	07/01/96	21:23	9.31	38.71
10	INDAL01	INDAL01	07/01/96	22:20	9.31	38.71
11	INDBL01	INDBL01	07/01/96	23:16	9.31	38.72
12	INDAM01	INDAM01	07/02/96	00:13	9.31	38.71
13	INDBM01	INDBM01	07/02/96	01:09	9.32	38.72
14	INDAH01	INDAH01	07/02/96	02:06	9.32	38.71
15	INDBH01	INDBH01	07/02/96	03:03	9.32	38.71
16	PIBLK01	PIBLK01	07/02/96	04:00	9.32	38.73
17	PEM02	PEM02	07/02/96	04:57	9.32	38.73
18	ZZZZZ		07/02/96	08:45	9.32	38.72
19	ZZZZZ		07/02/96	09:42	9.32	38.70
20	ZZZZZ		07/02/96	10:39	9.31	38.70
21	ZZZZZ		07/02/96	11:36	9.31	38.68
22	ZZZZZ		07/02/96	12:33	9.30	38.68
23	ZZZZZ		07/02/96	13:30	9.30	38.69
24	PIBLK02	PIBLK02	07/02/96	14:27	9.31	38.71
25	INDAM02	INDAM02	07/02/96	15:24	9.31	38.69
26	INDBM02	INDBM02	07/02/96	16:21	9.31	38.71
27	ZZZZZ		07/02/96	17:18	9.31	38.69
28	ZZZZZ		07/02/96	18:15	9.31	38.68
29	ZZZZZ		07/02/96	19:12	9.31	38.70
30	ZZZZZ		07/02/96	20:09	9.31	38.69
31	ZZZZZ		07/02/96	21:06	9.31	38.67
32	ZZZZZ		07/02/96	22:03	9.30	38.68

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.31 DCB: 38.71

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ZZZZZ		07/02/96	23:00	9.30	38.68
02	ZZZZZ		07/02/96	23:56	9.30	38.70
03	PIBLK03	PIBLK03	07/03/96	00:53	9.31	38.72
04	PEM03	PEM03	07/03/96	01:50	9.31	38.72
05	ZZZZZ		07/03/96	02:47	9.31	38.69
06	ZZZZZ		07/03/96	03:43	9.31	38.71
07	ZZZZZ		07/03/96	04:40	9.32	38.71
08	ZZZZZ		07/03/96	05:37	9.32	38.71
09	ZZZZZ		07/03/96	06:34	9.32	38.70
10	ZZZZZ		07/03/96	07:31	9.32	38.72
11	ZZZZZ		07/03/96	08:29	9.32	38.71
12	ZZZZZ		07/03/96	09:25	9.32	38.70
13	PIBLK04	PIBLK04	07/03/96	10:22	9.32	38.73
14	INDAM03	INDAM03	07/03/96	13:03	9.32	38.72
15	INDBM03	INDBM03	07/03/96	13:59	9.32	38.73
16	ZZZZZ		07/03/96	18:40	9.32	38.72
17	ZZZZZ		07/03/96	19:36	9.32	38.71
18	ZZZZZ		07/03/96	20:32	9.32	38.73
19	ZZZZZ		07/03/96	21:28	9.32	38.69
20	ZZZZZ		07/03/96	23:04	9.31	38.70
21	ZZZZZ		07/03/96	23:20	9.31	38.70
22	PIBLK05	PIBLK05	07/04/96	00:16	9.31	38.73
23	PEM04	PEM04	07/04/96	01:12	9.32	38.73
24	PIBLK06	PIBLK06	07/06/96	11:41	9.31	38.69
25	PEM05	PEM05	07/06/96	12:38	9.31	38.70
26	PBLK34	PBLK34	07/06/96	13:35	9.31	38.70
27	RIN1A	238543	07/06/96	14:32	9.31	38.69
28	RIN1AMS	238543	07/06/96	15:29	9.31	38.70
29	RIN1AMSD	238543	07/06/96	16:26	9.30	38.69
30	ZZZZZ		07/06/96	17:23	9.31	38.69
31	ZZZZZ		07/06/96	18:20	9.30	38.70
32	ZZZZZ		07/06/96	19:17	9.30	38.69

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.31 DCB: 38.71

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PBLK31	PBLK31	07/06/96	20:14	9.30	38.68
02	PIBLK07	PIBLK07	07/06/96	21:11	9.31	38.72
03	INDAM04	INDAM04	07/06/96	22:08	9.31	38.70
04	INDBM04	INDBM04	07/06/96	23:05	9.31	38.72
05	ZZZZZ		07/07/96	00:01	9.31	38.67
06	ZZZZZ		07/07/96	00:59	9.30	38.68
07	ZZZZZ		07/07/96	01:55	9.30	38.68
08	S3	238539	07/07/96	02:52	9.29	38.69
09	SS3	238540	07/07/96	03:48	9.30	38.68
10	ZZZZZ		07/07/96	04:45	9.30	38.68
11	PIBLK08	PIBLK08	07/07/96	05:41	9.30	38.69
12	PIBLK09	PIBLK09	07/07/96	06:38	9.30	38.70
13	PIBLK10	PIBLK10	07/07/96	07:35	9.30	38.70
14	PEM06	PEM06	07/07/96	08:32	9.30	38.70
15	PIBLK11	PIBLK11	07/09/96	13:17	9.32	38.72
16	PEM07	PEM07	07/09/96	14:09	9.31	38.73
17	AR125402	AR125402	07/09/96	15:00	9.30	38.72
18	ZZZZZ		07/09/96	15:52	9.30	38.69
19	S2 DL	238537	07/09/96	16:45	9.30	38.69
20	SS2	238538	07/09/96	17:37	9.30	38.69
21	S3 DL	238539	07/09/96	18:29	9.30	38.69
22	S4 DL	238541	07/09/96	19:21	9.30	38.68
23	SS4 DL	238542	07/09/96	20:13	9.30	38.69
24	S5 DL	238545	07/09/96	21:05	*	38.70
25	ZZZZZ		07/09/96	21:56	*	*
26	PIBLK12	PIBLK12	07/09/96	22:48	9.30	38.70
27	INDAM05	INDAM05	07/09/96	23:40	9.30	38.69
28	INDBM05	INDBM05	07/10/96	00:31	9.31	38.70
29	ZZZZZ		07/10/96	01:23	*	38.70
30	SS6 DL	238548	07/10/96	02:14	*	38.71
31			07/10/96	03:06	*	38.70
32	SS26 DL	238550	07/10/96	03:58	*	38.70

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.31 DCB: 38.71

	EPA SAMPLE NO.		LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	S7	DL	238551	07/10/96	04:50	9.31		38.69	
02	ZZZZZ			07/10/96	05:41	9.31		38.70	
03	S8	DL	238553	07/10/96	06:34	9.32		38.71	
04	SS8		238554	07/10/96	07:26	9.31		38.70	
05	PIBLK13		PIBLK13	07/10/96	08:19	9.31		38.72	
06	PEM08		PEM08	07/10/96	09:11	9.30		38.71	
07	ZZZZZ			07/10/96	10:03	9.31		38.52	*
08	SS9		238556	07/10/96	10:54	9.31		38.68	
09	S10		238557	07/10/96	11:47	9.30		38.68	
10	SS5	DL	238546	07/10/96	16:21		*	38.72	
11	S1	DL	238535	07/10/96	17:13	9.29		38.66	
12	PIBLK14		PIBLK14	07/10/96	18:56	9.28		38.67	
13	INDAM06		INDAM06	07/10/96	19:48	9.28		38.66	
14	INDBM06		INDBM06	07/10/96	20:40	9.28		38.66	
15	S26		238549	07/10/96	21:32		*	38.71	
16	SS7		238552	07/10/96	22:23	9.31		38.68	
17	S9	DL	238555	07/10/96	23:15	9.30		38.66	
18	S1		238535	07/11/96	00:07	9.30		38.66	
19	S2		238537	07/11/96	00:58	9.29		38.64	
20	S4		238541	07/11/96	02:42	9.28		38.63	
21	PIBLK16		PIBLK16	07/11/96	04:25	9.28		38.66	
22	PEM09		PEM09	07/11/96	05:17	9.28		38.66	
23	PIBLK17		PIBLK17	07/11/96	20:23	9.28		38.67	
24	PEM10		PEM10	07/11/96	21:14	9.28		38.66	
25	SS2	RE	238538	07/11/96	22:06	9.29		38.63	
26	SS4		238542	07/11/96	23:49	9.28		38.64	
27	S5		238545	07/12/96	00:40	9.28		38.65	
28	SS5		238546	07/12/96	01:32		*	38.66	
29	S6		238547	07/12/96	02:23	9.26	*	38.67	
30	SS6		238548	07/12/96	03:15	9.26	*	38.67	
31	S26		238249	07/12/96	04:06	9.26	*	38.67	
32	PIBLK18		PIBLK18	07/12/96	04:58	9.29		38.67	

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/01/96 07/02/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.31 DCB: 38.71

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDAM07	INDAM07	07/12/96	05:49	9.29	38.68
02	INDAM07	INDAM07	07/12/96	06:41	9.29	38.68
03	SS26	238550	07/12/96	07:33	9.27	38.68
04	S8	238553	07/12/96	08:24	9.30	*
05	S7	238551	07/12/96	09:16	9.30	*
06	S9	238555	07/12/96	10:08	9.30	*
07	S1 MS	238535	07/12/96	11:00	9.30	38.65
08	S1 MSD	238535	07/12/96	12:03	9.31	38.64
09	PIBLK19	PIBLK19	07/12/96	12:57	9.29	38.66
10	S6 DL	238547	07/12/96	13:51	*	*
11	AR125403	AR125403	07/12/96	14:46	9.29	38.67
12	PIBLK20	PIBLK20	07/12/96	15:55	9.30	38.66
13	PEM11	PEM11	07/12/96	16:49	9.29	38.66
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.31 DCB: 38.71

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESC01	RESC01	07/13/96	14:40	9.31	38.70
02	PEM01	PEM01	07/13/96	15:35	9.31	38.69
03	AR166001	AR166001	07/13/96	16:30	9.31	38.70
04	AR122101	AR122101	07/13/96	17:26	9.31	38.70
05	AR123201	AR123201	07/13/96	18:21	9.31	38.71
06	AR124201	AR124201	07/13/96	19:16	9.31	38.71
07	AR124801	AR124801	07/13/96	20:11	9.31	38.70
08	AR125401	AR125401	07/13/96	21:06	9.31	38.71
09	TOXAPH01	TOXAPH01	07/13/96	22:00	9.31	38.70
10	INDAL01	INDAL01	07/13/96	22:55	9.31	38.71
11	INDBL01	INDBL01	07/13/96	23:50	9.31	38.71
12	INDAM01	INDAM01	07/14/96	00:44	9.31	38.71
13	INDBM01	INDBM01	07/14/96	01:39	9.31	38.71
14	INDAH01	INDAH01	07/14/96	02:33	9.31	38.70
15	INDBH01	INDBH01	07/14/96	03:28	9.31	38.69
16	PIBLK01	PIBLK01	07/14/96	04:22	9.31	38.72
17	PEM02	PEM02	07/14/96	05:17	9.31	38.71
18	PBLK32	PBLK32	07/14/96	06:12	9.31	38.69
19	ZZZZZ		07/14/96	07:06	*	38.70
20	ZZZZZ		07/14/96	08:01	*	*
21	ZZZZZ		07/14/96	08:56	*	*
22	S12	238561	07/14/96	09:51	*	*
23	ZZZZZ		07/14/96	10:45	*	*
24	ZZZZZ		07/14/96	11:40	9.32	38.68
25	ZZZZZ		07/14/96	12:52	9.32	38.71
26	ZZZZZ		07/14/96	13:47	9.32	38.75
27	ZZZZZ		07/14/96	14:42	9.31	38.70
28	PIBLK02	PIBLK02	07/14/96	15:37	9.31	38.72
29	INDAM02	INDAM02	07/14/96	16:31	9.31	38.69
30	INDBM02	INDBM02	07/14/96	17:26	9.31	38.69
31	ZZZZZ		07/14/96	18:20	9.30	38.69
32	ZZZZZ		07/14/96	19:15	9.30	38.67

QC LIMITS
TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.31 DCB: 38.71

	EPA SAMPLE NO.		LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	ZZZZZ			07/14/96	20:09	9.30		38.66	
02	SS1		238536	07/14/96	21:03	9.30		38.68	
03	SS10	RE	238558	07/14/96	21:58	9.30		38.68	
04	ZZZZZ			07/14/96	22:52	9.30		38.68	
05	S11	RE	238559	07/14/96	23:48	9.31		38.66	
06	SS12	RE	238562	07/15/96	00:43	9.32		38.67	
07	ZZZZZ			07/15/96	01:37	9.30		38.66	
08	PIBLK03		PIBLK03	07/15/96	02:32	9.30		38.70	
09	PEM03		PEM03	07/15/96	03:26	9.30		38.70	
10	ZZZZZ			07/15/96	04:21	9.32		38.67	
11	SS11	RE	238560	07/15/96	05:16	9.32		38.65	
12	ZZZZZ			07/15/96	06:11		*	38.71	
13	ZZZZZ			07/15/96	07:06		*	38.68	
14	ZZZZZ			07/15/96	08:01		*		*
15	ZZZZZ			07/15/96	08:56	9.30		38.68	
16	SS1		238536	07/15/96	09:51	9.31		38.68	
17	SS10		238558	07/15/96	10:46	9.31		38.68	
18	PIBLK04		PIBLK04	07/15/96	11:41	9.31		38.73	
19	PIBLK05		PIBLK05	07/15/96	12:36	9.31		38.73	
20	INDAM03		INDAM03	07/15/96	13:31	9.31		38.72	
21	INDBM03		INDBM03	07/15/96	14:26	9.31		38.72	
22	S11		238559	07/15/96	15:21	9.32		38.67	
23	ZZZZZ			07/15/96	16:17	9.31		38.69	
24	S15		238913	07/15/96	17:12	9.32		38.68	
25	ZZZZZ			07/15/96	18:07	9.32		38.68	
26	ZZZZZ			07/15/96	19:02	9.32		38.68	
27	ZZZZZ			07/15/96	19:56	9.51	*	38.68	
28	ZZZZZ			07/15/96	20:51	9.31		38.68	
29	ZZZZZ			07/15/96	21:45	9.31		38.68	
30	PIBLK06		PIBLK06	07/15/96	22:41	9.31		38.73	
31	PIBLK07		PIBLK07	07/15/96	23:36	9.32		38.73	
32	PEM04		PEM04	07/16/96	00:31	9.32		38.73	

QC LIMITS
TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.31 DCB: 38.71

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	ZZZZZ		07/16/96	01:26	9.32		38.69	
02	ZZZZZ		07/16/96	02:20	9.32			*
03	ZZZZZ		07/16/96	03:15	9.32		38.69	
04	ZZZZZ		07/16/96	04:10	9.32		38.69	
05	ZZZZZ		07/16/96	05:04	9.32		38.69	
06	ZZZZZ		07/16/96	05:59	9.31		38.68	
07	ZZZZZ		07/16/96	06:55	9.31		38.68	
08	ZZZZZ		07/16/96	07:50	9.31		38.68	
09	ZZZZZ		07/16/96	08:45	9.31		38.73	
10	PIBLK09	PIBLK09	07/16/96	09:36	9.32		38.73	
11	INDAM04	INDAM04	07/16/96	10:31	9.31		38.71	
12	INDBM04	INDBM04	07/16/96	11:26	9.31		38.71	
13	ZZZZZ		07/16/96	12:21	9.12	*		*
14	ZZZZZ		07/16/96	13:16	9.31		38.67	
15	ZZZZZ		07/16/96	14:11		*	38.72	
16	ZZZZZ		07/16/96	15:07	9.31			*
17	ZZZZZ		07/16/96	16:02	9.30		38.66	
18	ZZZZZ		07/16/96	16:57	9.30			*
19	ZZZZZ		07/16/96	17:52	9.30		38.66	
20	PIBLK10	PIBLK10	07/16/96	18:47	9.30		38.70	
21	PIBLK11	PIBLK11	07/16/96	19:42	9.30		38.70	
22	PEM05	PEM05	07/16/96	20:37	9.30		38.69	
23	PIBLK12	PIBLK12	07/17/96	07:39	9.32		38.68	
24	PEM06	PEM06	07/17/96	08:41	9.32		38.68	
25	AR125402	AR125402	07/17/96	09:36	9.31		38.71	
26	S12	238562	07/17/96	10:31	9.32		38.67	
27	S12	238561	07/17/96	11:26	9.31		38.66	
28	SS1 MS	238536	07/17/96	12:21	9.31		38.67	
29	SS1 MSD	238536	07/17/96	13:16	9.31		38.65	
30	ZZZZZ		07/17/96	14:11	9.31		38.66	
31	ZZZZZ		07/17/96	15:06		*	38.66	
32	ZZZZZ		07/17/96	16:01	9.30		38.65	

QC LIMITS
TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GC Column: DB1701 ID: .53 (mm) Init. Calib. Date(s): 07/13/96 07/14/96

Instrument ID: 5890 3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.31 DCB: 38.71

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	ZZZZZ		07/17/96	16:56	9.30		38.65	
02	PIBLK13	PIBLK13	07/17/96	17:52	9.30		38.66	
03	INDAM05	INDAM05	07/17/96	18:47	9.30		38.67	
04	INDBM05	INDBM05	07/17/96	19:42	9.30		38.68	
05	ZZZZZ		07/17/96	20:37	9.30		38.63	
06	ZZZZZ		07/17/96	21:32	9.29		38.63	
07	ZZZZZ		07/17/96	22:26	9.29			*
08	ZZZZZ		07/17/96	23:21	9.30		38.64	
09	ZZZZZ		07/18/96	00:15	9.29		38.65	
10	ZZZZZ		07/18/96	01:10	9.30			*
11	ZZZZZ		07/18/96	02:05	9.31			*
12	PIBLK14	PIBLK14	07/18/96	02:59	9.31		38.70	
13	PIBLK15	PIBLK15	07/18/96	03:54	9.31		38.70	
14	PEM07	PEM07	07/18/96	04:48	9.31		38.69	
15	ZZZZZ		07/22/96	07:33	9.30		38.65	
16	PIBLK16	PIBLK16	07/22/96	08:28	9.30		38.66	
17	PEM08	PEM08	07/22/96	09:23	9.30		38.66	
18	SS7	238552	07/22/96	10:46	9.31		38.65	
19	SS9	238556	07/22/96	11:42	9.30		38.65	
20	S10	238557	07/22/96	12:36	9.30		38.65	
21	SS11	238560	07/22/96	13:31	9.27		38.63	
22	SS8	238554	07/22/96	14:43	9.29		38.64	
23	ZZZZZ		07/22/96	15:38	9.29		38.66	
24	AR125403	AR125403	07/22/96	16:33	9.29		38.66	
25	PIBLK17	PIBLK17	07/22/96	17:28	9.29		38.67	
26	INDAM06	INDAM06	07/22/96	18:23	9.29		38.65	
27	INDBM06	INDBM06	07/22/96	19:18	9.29		38.66	
28								
29								
30								
31								
32								

QC LIMITS
TCX = Tetrachloro-m-xylene (+- .05 MINUTES)
DCB = Decachlorobiphenyl (+- .10 MINUTES)

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

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: ICM, Inc. Contract:
Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A
Florisil Cartridge Lot Number: SP1018 Date of Analysis: 06/12/96
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	.0100	100	80-120
gamma-BHC (Lindane)	.01	.0092	92	80-120
Heptachlor	.01	.0101	101	80-120
Endosulfan I	.01	.0097	97	80-120
Dieldrin	.02	.019	94	80-120
Endrin	.02	.020	98	80-120
4,4'-DDD	.02	.019	93	80-120
4,4'-DDT	.02	.018	88	80-120
Methoxychlor	.100	.103	103	80-120
Tetrachloro-m-xylene	.01	.0103	103	80-120
Decachlorobiphenyl	.02	.021	105	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	PBLK34	PBLK34	07/06/96	07/06/96
02	RIN1A	238543	07/06/96	07/06/96
03	RIN1AMS	238543	07/06/96	07/06/96
04	RIN1AMSD	238543	07/06/96	07/06/96
05				
06				
07				
08				
09				
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COMMENTS:
page 1 of 3

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: ICM, Inc. Contract:
Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A
Florisil Cartridge Lot Number: SP1018 Date of Analysis: 06/12/96
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	.0100	100	80-120
gamma-BHC (Lindane)	.01	.0092	92	80-120
Heptachlor	.01	.0101	101	80-120
Endosulfan I	.01	.0097	97	80-120
Dieldrin	.02	.019	94	80-120
Endrin	.02	.020	98	80-120
4,4'-DDD	.02	.019	93	80-120
4,4'-DDT	.02	.018	88	80-120
Methoxychlor	.100	.103	103	80-120
Tetrachloro-m-xylene	.01	.0103	103	80-120
Decachlorobiphenyl	.02	.021	105	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	PBLK31		PBLK31	07/06/96	07/06/96
02	S3		238539	07/07/96	07/07/96
03	SS3		238540	07/07/96	07/07/96
04	S2	DL	238537	07/09/96	07/09/96
05	SS2		238538	07/09/96	07/09/96
06	S3	DL	238539	07/09/96	07/09/96
07	S4	DL	238541	07/09/96	07/09/96
08	SS4	DL	238542	07/09/96	07/09/96
09	S5	DL	238545	07/09/96	07/09/96
10	SS6	DL	238548	07/10/96	07/10/96
11	SS26	DL	238550	07/10/96	07/10/96
12	S7	DL	238551	07/10/96	07/10/96
13	S8	DL	238553	07/10/96	07/10/96
14	SS8	DL	238554	07/10/96	07/10/96
15	SS9	DL	238556	07/10/96	07/10/96
16	S10	DL	238557	07/10/96	07/10/96
17	SS5	DL	238546	07/10/96	07/10/96
18	S1	DL	238535	07/10/96	07/10/96
19	S26		238549	07/10/96	07/10/96
20	SS7	DL	238552	07/10/96	07/10/96
21	S9	DL	238555	07/10/96	07/10/96
22	S1		238535	07/11/96	07/11/96
23	S2		238537	07/11/96	07/11/96
24	S4		238541	07/11/96	07/11/96
25	SS2	DL	238538	07/11/96	07/11/96
26	SS4		238542	07/11/96	07/11/96
27	S5		238545	07/12/96	07/12/96
28	SS5		238546	07/12/96	07/12/96
29	S6		238547	07/12/96	07/12/96
30	SS6		238548	07/12/96	07/12/96

31	S26	238549	07/12/96	07/12/96
32	SS26	238550	07/12/96	07/12/96
33	S8	238553	07/12/96	07/12/96
34	S7	238551	07/12/96	07/12/96
35	S9	238555	07/12/96	07/12/96
36	S1 MS	238535	07/12/96	07/12/96
37	S1 MSD	238535	07/12/96	07/12/96
38	S6 DL	238547	07/12/96	07/12/96
39	SS7	238552	07/22/96	07/22/96
40	SS9	238556	07/22/96	07/22/96
41	S10	238557	07/22/96	07/22/96
42	SS8	238554	07/22/96	07/22/96

COMMENTS:

9A

PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: ICM, Inc. Contract:
Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A
Florisil Cartridge Lot Number: SP1018 Date of Analysis: 06/12/96
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	.0100	100	80-120
gamma-BHC (Lindane)	.01	.0092	92	80-120
Heptachlor	.01	.0101	101	80-120
Endosulfan I	.01	.0097	97	80-120
Dieldrin	.02	.019	94	80-120
Endrin	.02	.020	98	80-120
4,4'-DDD	.02	.019	93	80-120
4,4'-DDT	.02	.018	88	80-120
Methoxychlor	.100	.103	103	80-120
Tetrachloro-m-xylene	.01	.0103	103	80-120
Decachlorobiphenyl	.02	.021	105	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	PBLK32	PBLK32	07/14/96	07/14/96
02	S12 DL	238561	07/14/96	07/14/96
03	SS1 DL	238536	07/14/96	07/14/96
04	SS10 DL	238558	07/14/96	07/14/96
05	S11 DL	238559	07/14/96	07/14/96
06	SS12 DL	238562	07/15/96	07/15/96
07	SS11 DL	238560	07/15/96	07/15/96
08	SS1	238536	07/15/96	07/15/96
09	SS10	238558	07/15/96	07/15/96
10	S11	238559	07/15/96	07/15/96
11	SS12	238562	07/17/96	07/17/96
12	S12	238561	07/17/96	07/17/96
13	SS1 MS	238536	07/17/96	07/17/96
14	SS1 MSD	238536	07/17/96	07/17/96
15	SS11	238560	07/22/96	07/22/96
16				
17				
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25				
26				

COMMENTS:

9B

PESTICIDE GPC CALIBRATION

Lab Name: ICM, Inc. Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GPC Column: ENVIROBEAD-XS3 Calibration Date: 07/02/96

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	.041	82	80-110
Heptachlor	.050	.045	90	80-110
Aldrin	.050	.042	84	80-110
Dieldrin	.10	.096	96	80-110
Endrin	.10	.096	96	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	PBLK34	PBLK34	07/06/96	07/06/96
02	RIN1A	238543	07/06/96	07/06/96
03	RIN1AMS	238543	07/06/96	07/06/96
04	RIN1AMSD	238543	07/06/96	07/06/96
05				
06				
07				
08				
09				
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9B

PESTICIDE GPC CALIBRATION

Lab Name: ICM, Inc. Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: 37_0

GPC Column: ENVIROBEAD-XS3 Calibration Date: 07/02/96

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	.041	82	80-110
Heptachlor	.050	.045	90	80-110
Aldrin	.050	.042	84	80-110
Dieldrin	.10	.096	96	80-110
Endrin	.10	.096	96	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	PBLK31		PBLK31	07/06/96	07/06/96
02	S3		238539	07/07/96	07/07/96
03	SS3		238540	07/07/96	07/07/96
04	S2	DL	238537	07/09/96	07/09/96
05	SS2		238538	07/09/96	07/09/96
06	S3	DL	238539	07/09/96	07/09/96
07	S4	DL	238541	07/09/96	07/09/96
08	SS4	DL	238542	07/09/96	07/09/96
09	S5	DL	238545	07/09/96	07/09/96
10	SS6	DL	238548	07/10/96	07/10/96
11	SS26	DL	238550	07/10/96	07/10/96
12	S7	DL	238551	07/10/96	07/10/96
13	S8	DL	238553	07/10/96	07/10/96
14	SS8	DL	238554	07/10/96	07/10/96
15	SS9	DL	238556	07/10/96	07/10/96
16	S10	DL	238557	07/10/96	07/10/96
17	SS5	DL	238546	07/10/96	07/10/96
18	S1	DL	238535	07/10/96	07/10/96
19	S26		238549	07/10/96	07/10/96
20	SS7	DL	238552	07/10/96	07/10/96
21	S9	DL	238555	07/10/96	07/10/96
22	S1		238535	07/11/96	07/11/96
23	S2		238537	07/11/96	07/11/96
24	S4		238541	07/11/96	07/11/96
25	SS2	DL	238538	07/11/96	07/11/96
26	SS4		238542	07/11/96	07/11/96
27	S5		238545	07/12/96	07/12/96
28	SS5		238546	07/12/96	07/12/96
29	S6		238547	07/12/96	07/12/96
30	SS6		238548	07/12/96	07/12/96
31	S26		238549	07/12/96	07/12/96

32	SS26		238550	07/12/96	07/12/96
33	S8		238553	07/12/96	07/12/96
34	S7		238551	07/12/96	07/12/96
35	S9		238555	07/12/96	07/12/96
36	S1	MS	238535	07/12/96	07/12/96
37	S1	MSD	238535	07/12/96	07/12/96
38	S6	DL	238547	07/12/96	07/12/96
39	SS7		238552	07/22/96	07/22/96
40	SS9		238556	07/22/96	07/22/96
41	S10		238557	07/22/96	07/22/96
42	SS8		238554	07/22/96	07/22/96

FORM IX PEST-2 OLM03.0

9B

PESTICIDE GPC CALIBRATION

Lab Name: ICM, Inc. Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

GPC Column: ENVIROBEAD-XS3 Calibration Date: 07/02/96

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	.041	82	80-110
Heptachlor	.050	.045	90	80-110
Aldrin	.050	.042	84	80-110
Dieldrin	.10	.096	96	80-110
Endrin	.10	.096	96	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	PBLK32	PBLK32	07/14/96	07/14/96
02	S12 DL	238561	07/14/96	07/14/96
03	SS1 DL	238536	07/14/96	07/14/96
04	SS10 DL	238558	07/14/96	07/14/96
05	S11 DL	238559	07/14/96	07/14/96
06	SS12 DL	238562	07/15/96	07/15/96
07	SS11 DL	238560	07/15/96	07/15/96
08	SS1	238536	07/15/96	07/15/96
09	SS10	238558	07/15/96	07/15/96
10	S11	238559	07/15/96	07/15/96
11	SS12	238562	07/17/96	07/17/96
12	S12	238561	07/17/96	07/17/96
13	SS1 MS	238536	07/17/96	07/17/96
14	SS1 MSD	238536	07/17/96	07/17/96
15	SS11	238560	07/22/96	07/22/96
16				
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10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

RIN1AMS

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238543 Date(s) Analyzed: 07/06/96 07/06/96

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	14.36	14.31	14.41	.37	5.4
	2	15.27	15.22	15.32	.39	
Heptachlor	1	15.85	15.81	15.91	.57	26.7
	2	16.30	16.26	16.36	.45	
Aldrin	1	17.36	17.31	17.41	.41	7.3
	2	17.56	17.52	17.62	.44	
Dieldrin	1	23.03	22.97	23.11	.92	1.1
	2	23.40	23.34	23.48	.93	
Endrin	1	24.82	24.76	24.90	.93	3.2
	2	24.36	24.30	24.44	.96	
4,4'-DDT	1	27.20	27.14	27.28	.89	7.9
	2	27.42	27.37	27.51	.96	
	1					
	2					
	1					
	2					

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

RIN1AMSD

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238543 Date(s) Analyzed: 07/06/96 07/06/96

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	14.36	14.31	14.41	.38	5.3
	2	15.27	15.22	15.32	.40	
Heptachlor	1	15.85	15.81	15.91	.60	27.7
	2	16.30	16.26	16.36	.47	
Aldrin	1	17.35	17.31	17.41	.43	4.7
	2	17.56	17.52	17.62	.45	
Dieldrin	1	23.03	22.97	23.11	.95	2.1
	2	23.40	23.34	23.48	.97	
Endrin	1	24.82	24.76	24.90	.96	2.1
	2	24.36	24.30	24.44	.98	
4,4'-DDT	1	27.20	27.14	27.28	.91	7.7
	2	27.42	27.37	27.51	.98	
	1					
	2					
	1					
	2					

10A

PESTICIDE IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS1 MS

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238536 Date(s) Analyzed: 07/17/96 07/17/96

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	14.32	14.31	14.41	12.	313.8
	2	15.26	15.22	15.32	2.9	
Heptachlor	1	15.85	15.81	15.91	4.0	87.5
	2	16.39	16.26	16.36	7.5	
Aldrin	1	17.38	17.31	17.41	29.	1210
	2	17.44	17.52	17.62	380.	
Dieldrin	1	22.99	22.96	23.10	310.	229.8
	2	23.37	23.33	23.47	94.	
Endrin	1	24.83	24.75	24.89	310.	122.6
	2	24.25	24.30	24.44	690.	
4,4'-DDT	1	27.09	27.13	27.27	680.	5130
	2	27.41	27.36	27.50	13.	
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SS1 MSD

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238536 Date(s) Analyzed: 07/17/96 07/17/96

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	14.31	14.31	14.41	40.	325.5
	2	15.26	15.22	15.32	9.4	
Heptachlor	1	16.02	15.81	15.91	390.	1600
	2	16.38	16.26	16.36	23.	
Aldrin	1	17.37	17.31	17.41	98.	920.4
	2	17.43	17.52	17.62	1000.	
Dieldrin	1	22.99	22.96	23.10	920.	240.7
	2	23.37	23.33	23.47	270.	
Endrin	1	24.83	24.75	24.89	890.	136.0
	2	24.23	24.30	24.44	2100.	
4,4'-DDT	1	27.07	27.13	27.27	260.	420.0
	2	27.40	27.36	27.50	50.	
	1					
	2					
	1					
	2					

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10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

S1 MS

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238535 Date(s) Analyzed: 07/12/96 07/12/96

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	14.35	14.31	14.41	13.	154.9
	2	15.26	15.22	15.32	5.1	
Heptachlor	1	15.86	15.81	15.91	11.	266.7
	2	16.30	16.26	16.36	3.0	
Aldrin	1	17.37	17.31	17.41	15.	1170
	2	17.43	17.52	17.62	190.	
Dieldrin	1	22.99	22.97	23.11	170.	220.8
	2	23.37	23.34	23.48	53.	
Endrin	1	24.83	24.76	24.90	160.	131.3
	2	24.23	24.30	24.44	370.	
4,4'-DDT	1	27.08	27.14	27.28	47.	176.5
	2	27.39	27.37	27.51	17.	
	1					
	2					
	1					
	2					

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

S1	MSD

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238535 Date(s) Analyzed: 07/12/96 07/12/96

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	14.31	14.41	12.	135.3
	2	15.27	15.22	15.32	5.1	
Heptachlor	1	15.84	15.81	15.91	10.	177.8
	2	16.31	16.26	16.36	3.6	
Aldrin	1	17.37	17.31	17.41	14.	1260
	2	17.44	17.52	17.62	190.	
Dieldrin	1	22.98	22.97	23.11	160.	213.7
	2	23.37	23.34	23.48	51.	
Endrin	1	24.82	24.76	24.90	160.	125.0
	2	24.23	24.30	24.44	360.	
4,4'-DDT	1	27.07	27.14	27.28	30.	20.0
	2	27.39	27.37	27.51	25.	
	1					
	2					
	1					
	2					

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10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS1

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238536 Date(s) Analyzed: 07/15/96 07/15/96

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	18000.	21000.	
	2	21.12	21.06	21.20	18000.		
	3	22.69	22.64	22.78	31000.		
	4	23.53	23.46	23.60	19000.		
	5	24.83	24.78	24.92	20000.		
COLUMN 2	1	17.44	17.39	17.53	24000.	25000.	19.0
	2	20.28	20.22	20.36	23000.		
	3	21.10	21.06	21.20	24000.		
	4	23.06	23.02	23.16	29000.		
	5	23.76	23.71	23.85	27000.		
_____ 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

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PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS1 DC

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238536 Date(s) Analyzed: 07/14/96 07/14/96

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	31000.	37000.	
	2	21.13	21.06	21.20	32000.		
	3	22.69	22.64	22.78	50000.		
	4	23.52	23.46	23.60	40000.		
	5	24.83	24.78	24.92	34000.		
COLUMN 2	1	17.44	17.39	17.53	43000.	41000.	10.8
	2	20.28	20.22	20.36	37000.		
	3	21.10	21.06	21.20	40000.		
	4	23.07	23.02	23.16	45000.		
	5	23.76	23.71	23.85	41000.		
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

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS1 MS

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238536 Date(s) Analyzed: 07/17/96 07/17/96

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	6200.	7900.	
	2	21.13	21.06	21.20	6600.		
	3	22.69	22.64	22.78	11000.		
	4	23.51	23.46	23.60	8700.		
	5	24.83	24.78	24.92	7400.		
COLUMN 2	1	17.44	17.39	17.53	8900.	9000.	13.9
	2	20.28	20.22	20.36	8100.		
	3	21.10	21.06	21.20	8300.		
	4	23.06	23.02	23.16	10000.		
	5	23.76	23.71	23.85	9400.		
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

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10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS1 MSD

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238536 Date(s) Analyzed: 07/17/96 07/17/96

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	18000.	21000.	
	2	21.11	21.06	21.20	18000.		
	3	22.68	22.64	22.78	31000.		
	4	23.48	23.46	23.60	19000.		
	5	24.83	24.78	24.92	21000.		
COLUMN 2	1	17.43	17.39	17.53	24000.	26000.	23.8
	2	20.28	20.22	20.36	23000.		
	3	21.09	21.06	21.20	24000.		
	4	23.05	23.02	23.16	30000.		
	5	23.75	23.71	23.85	27000.		
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.

SS2

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238538 Date(s) Analyzed: 07/11/96 07/11/96

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	20.77	20.91	39000.	50000.	
	2	21.10	21.07	21.21	38000.		
	3	22.68	22.64	22.78	77000.		
	4	23.46	23.47	23.61	42000.		
	5	24.81	24.79	24.93	54000.		
COLUMN 2	1	17.42	17.39	17.53	35000.	54000.	8.0
	2	20.26	20.22	20.36	46000.		
	3	21.08	21.06	21.20	52000.		
	4	23.03	23.04	23.18	70000.		
	5	23.73	23.71	23.85	66000.		
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

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10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS2 DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238538 Date(s) Analyzed: 07/09/96 07/09/96

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	20.84	20.77	20.91	68000.		
	2	21.13	21.07	21.21	75000.		
	3	22.71	22.64	22.78	120000.		
	4	23.53	23.47	23.61	100000.	92000.	
	5	24.84	24.79	24.93	93000.		
COLUMN 2	1	17.45	17.39	17.53	59000.		4.5
	2	20.28	20.22	20.36	76000.		
	3	21.11	21.06	21.20	90000.		
	4	23.07	23.04	23.18	110000.	88000.	
	5	23.77	23.71	23.85	110000.		
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.

SS3

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238540 Date(s) Analyzed: 07/07/96 07/07/96

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	20.77	20.91	62.		
	2	21.13	21.07	21.21	78.		
	3	22.71	22.64	22.78	73.		
	4	23.52	23.47	23.61	79.	77.	
	5	24.84	24.79	24.93	93.		
COLUMN 2	1	17.45	17.39	17.53	68.		7.8
	2	20.29	20.22	20.36	74.		
	3	21.11	21.06	21.20	79.		
	4	23.07	23.04	23.18	86.	83.	
	5	23.77	23.71	23.85	110.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS4

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238542 Date(s) Analyzed: 07/11/96 07/11/96

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	20.77	20.91	6700.		
	2	21.11	21.07	21.21	7100.		
	3	22.68	22.64	22.78	12000.		
	4	23.51	23.47	23.61	8400.	8200.	
	5	24.82	24.79	24.93	6900.		
COLUMN 2	1	17.43	17.39	17.53	9200.		15.9
	2	20.27	20.22	20.36	9300.		
	3	21.08	21.06	21.20	9000.		
	4	23.03	23.04	23.18	10000.	9500.	
	5	23.73	23.71	23.85	9700.		
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.

SS4	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238542 Date(s) Analyzed: 07/09/96 07/09/96

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	20.84	20.77	20.91	11000.	14000.	
	2	21.13	21.07	21.21	12000.		
	3	22.71	22.64	22.78	19000.		
	4	23.53	23.47	23.61	15000.		
	5	24.84	24.79	24.93	13000.		
COLUMN 2	1	17.45	17.39	17.53	15000.	15000.	7.1
	2	20.29	20.22	20.36	15000.		
	3	21.11	21.06	21.20	13000.		
	4	23.07	23.04	23.18	16000.		
	5	23.77	23.71	23.85	15000.		
_____ 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.

SS5

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238546 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	2500000.	3100000.	
	2	21.10	21.07	21.21	2600000.		
	3	22.68	22.64	22.78	5000000.		
	4	23.47	23.47	23.61	2600000.		
	5	24.82	24.79	24.93	2700000.		
COLUMN 2	1	17.43	17.39	17.53	3200000.	3600000.	16.1
	2	20.26	20.22	20.36	3200000.		
	3	21.08	21.06	21.20	3600000.		
	4	23.04	23.04	23.18	4200000.		
	5	23.74	23.71	23.85	3900000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS5	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238546 Date(s) Analyzed: 07/10/96 07/10/96

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	20.77	20.91	4400000.	5000000.	
	2	21.13	21.07	21.21	4500000.		
	3	22.69	22.64	22.78	7100000.		
	4	23.52	23.47	23.61	5100000.		
	5	24.83	24.79	24.93	3900000.		
COLUMN 2	1	17.44	17.39	17.53	5100000.	5100000.	2.0
	2	20.27	20.22	20.36	4500000.		
	3	21.10	21.06	21.20	5100000.		
	4	23.06	23.04	23.18	5500000.		
	5	23.76	23.71	23.85	5200000.		
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

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS6

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238548 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	1200000.	1600000.	
	2	21.13	21.07	21.21	1300000.		
	3	22.68	22.64	22.78	2600000.		
	4	23.48	23.47	23.61	1300000.		
	5	24.83	24.79	24.93	1600000.		
COLUMN 2	1	17.43	17.39	17.53	1500000.	1900000.	18.8
	2	20.28	20.22	20.36	1800000.		
	3	21.08	21.06	21.20	1900000.		
	4	23.04	23.04	23.18	2200000.		
	5	23.74	23.71	23.85	2100000.		
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.

SS6	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238548 Date(s) Analyzed: 07/10/96 07/10/96

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	20.84	20.77	20.91	1900000.	2700000.	
	2	21.14	21.07	21.21	2300000.		
	3	22.71	22.64	22.78	3900000.		
	4	23.53	23.47	23.61	2900000.		
	5	24.85	24.79	24.93	2600000.		
COLUMN 2	1	17.45	17.39	17.53	2300000.	2700000.	.0
	2	20.30	20.22	20.36	2700000.		
	3	21.12	21.06	21.20	2400000.		
	4	23.08	23.04	23.18	3100000.		
	5	23.78	23.71	23.85	3100000.		
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

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PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS7

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238552 Date(s) Analyzed: 07/22/96 07/22/96

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	1600.	2100.	
	2	21.11	21.06	21.20	1800.		
	3	22.68	22.64	22.78	2600.		
	4	23.51	23.46	23.60	2000.		
	5	24.81	24.78	24.92	2300.		
COLUMN 2	1	17.43	17.39	17.53	1700.	2400.	14.3
	2	20.28	20.22	20.36	2100.		
	3	21.09	21.06	21.20	2400.		
	4	23.05	23.02	23.16	3000.		
	5	23.75	23.71	23.85	2800.		
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

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10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS7 DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238552 Date(s) Analyzed: 07/10/96 07/10/96

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	20.77	20.91	2300.	3300.	
	2	21.12	21.07	21.21	2900.		
	3	22.68	22.64	22.78	4000.		
	4	23.50	23.47	23.61	3700.		
	5	24.82	24.79	24.93	3500.		
COLUMN 2	1	17.45	17.39	17.53	2500.	3700.	12.1
	2	20.29	20.22	20.36	3200.		
	3	21.11	21.06	21.20	3800.		
	4	23.07	23.04	23.18	4400.		
	5	23.76	23.71	23.85	4300.		
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

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10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS8

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238554 Date(s) Analyzed: 07/22/96 07/22/96

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	640.	1100.	
	2	21.12	21.06	21.20	760.		
	3	22.68	22.64	22.78	1100.		
	4	23.50	23.46	23.60	1200.		
	5	24.82	24.78	24.92	1900.		
COLUMN 2	1	17.43	17.39	17.53	420.	1000.	10.0
	2	20.27	20.22	20.36	1100.		
	3	21.08	21.06	21.20	980.		
	4	23.04	23.02	23.16	1300.		
	5	23.74	23.71	23.85	1300.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS8 DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238554 Date(s) Analyzed: 07/10/96 07/10/96

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	20.77	20.91	1100.		
	2	21.13	21.07	21.21	1300.		
	3	22.71	22.64	22.78	2000.		
	4	23.53	23.47	23.61	1800.	1800.	
	5	24.85	24.79	24.93	2800.		
COLUMN 2	1	17.44	17.39	17.53	970.		12.5
	2	20.30	20.22	20.36	1700.		
	3	21.11	21.06	21.20	1400.		
	4	23.07	23.04	23.18	2200.	1600.	
	5	23.77	23.71	23.85	2000.		
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

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10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS9

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238556 Date(s) Analyzed: 07/22/96 07/22/96

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	2000.	2400.	
	2	21.10	21.06	21.20	2000.		
	3	22.68	22.64	22.78	3700.		
	4	23.54	23.46	23.60	2100.		
	5	24.80	24.78	24.92	2100.		
COLUMN 2	1	17.43	17.39	17.53	2100.	3200.	33.3
	2	20.28	20.22	20.36	3000.		
	3	21.08	21.06	21.20	3200.		
	4	23.03	23.02	23.16	4000.		
	5	23.74	23.71	23.85	3700.		
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.

SS9 DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238556 Date(s) Analyzed: 07/10/96 07/10/96

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	20.77	20.91	3700.	5400.	
	2	21.13	21.07	21.21	4300.		
	3	22.70	22.64	22.78	7000.		
	4	23.52	23.47	23.61	6000.		
	5	24.83	24.79	24.93	6100.		
COLUMN 2	1	17.44	17.39	17.53	3500.	5400.	.0
	2	20.28	20.22	20.36	5200.		
	3	21.10	21.06	21.20	5200.		
	4	23.06	23.04	23.18	6700.		
	5	23.76	23.71	23.85	6300.		
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

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10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS10

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238558 Date(s) Analyzed: 07/15/96 07/15/96

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	42000.	56000.	
	2	21.12	21.06	21.20	45000.		
	3	22.69	22.64	22.78	82000.		
	4	23.53	23.46	23.60	49000.		
	5	24.83	24.78	24.92	61000.		
COLUMN 2	1	17.44	17.39	17.53	36000.	61000.	8.9
	2	20.28	20.22	20.36	55000.		
	3	21.10	21.06	21.20	63000.		
	4	23.06	23.02	23.16	77000.		
	5	23.76	23.71	23.85	75000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS10 PL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238558 Date(s) Analyzed: 07/14/96 07/15/96

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	75000.	100000.	
	2	21.13	21.06	21.20	84000.		
	3	22.69	22.64	22.78	130000.		
	4	23.52	23.46	23.60	110000.		
	5	24.83	24.78	24.92	100000.		
COLUMN 2	1	17.44	17.39	17.53	64000.	100000.	.0
	2	20.28	20.22	20.36	90000.		
	3	21.10	21.06	21.20	110000.		
	4	23.06	23.02	23.16	120000.		
	5	23.76	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

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10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS11

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238560 Date(s) Analyzed: 07/22/96 07/22/96

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	20.80	20.76	20.90	1700.	1500.	
	2	21.12	21.06	21.20	880.		
	3	22.68	22.64	22.78	1700.		
	4	23.49	23.46	23.60	1300.		
	5	24.90	24.78	24.92	2100.		
COLUMN 2	1	17.50	17.39	17.53	750.	1700.	13.3
	2	20.24	20.22	20.36	3000.		
	3	21.08	21.06	21.20	1200.		
	4	23.04	23.02	23.16	1900.		
	5	23.74	23.71	23.85	1600.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS11 DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238560 Date(s) Analyzed: 07/15/96 07/22/96

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	2700.	2000.	
	2	21.12	21.06	21.20	1600.		
	3	22.69	22.64	22.78	2200.		
	4	23.51	23.46	23.60	2200.		
	5	24.83	24.78	24.92	1500.		
COLUMN 2	1	17.50	17.39	17.53	750.	1700.	17.6
	2	20.24	20.22	20.36	3000.		
	3	21.08	21.06	21.20	1200.		
	4	23.04	23.02	23.16	1900.		
	5	23.74	23.71	23.85	1600.		
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

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS12

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238562 Date(s) Analyzed: 07/17/96 07/17/96

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	3800.		
	2	21.13	21.06	21.20	4200.		
	3	22.69	22.64	22.78	6100.		
	4	23.50	23.46	23.60	5200.	5000.	
	5	24.83	24.78	24.92	5800.		
COLUMN 2	1	17.45	17.39	17.53	2600.		4.0
	2	20.28	20.22	20.36	4900.		
	3	21.10	21.06	21.20	5400.		
	4	23.06	23.02	23.16	7000.	5200.	
	5	23.76	23.71	23.85	6300.		
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.

SS12 DC

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238562 Date(s) Analyzed: 07/15/96 07/15/96

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	6000.	7500.	
	2	21.13	21.06	21.20	6900.		
	3	22.69	22.64	22.78	9000.		
	4	23.51	23.46	23.60	8300.		
	5	24.83	24.78	24.92	7400.		
COLUMN 2	1	17.45	17.39	17.53	4000.	7500.	.0
	2	20.28	20.22	20.36	6700.		
	3	21.11	21.06	21.20	8500.		
	4	23.07	23.02	23.16	9600.		
	5	23.76	23.71	23.85	8900.		
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.

SS26

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238550 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	890000.	1200000.	
	2	21.12	21.07	21.21	1100000.		
	3	22.68	22.64	22.78	1900000.		
	4	23.48	23.47	23.61	1100000.		
	5	24.82	24.79	24.93	1100000.		
COLUMN 2	1	17.43	17.39	17.53	1100000.	1300000.	8.3
	2	20.28	20.22	20.36	1300000.		
	3	21.08	21.06	21.20	1300000.		
	4	23.04	23.04	23.18	1500000.		
	5	23.74	23.71	23.85	1500000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SS26 DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238550 Date(s) Analyzed: 07/10/96 07/10/96

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	20.84	20.77	20.91	1400000.	1900000.	
	2	21.14	21.07	21.21	1700000.		
	3	22.71	22.64	22.78	2800000.		
	4	23.53	23.47	23.61	2000000.		
	5	24.85	24.79	24.93	1800000.		
COLUMN 2	1	17.45	17.39	17.53	1700000.	1900000.	.0
	2	20.30	20.22	20.36	2000000.		
	3	21.12	21.06	21.20	1600000.		
	4	23.08	23.04	23.18	2200000.		
	5	23.77	23.71	23.85	2200000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S1

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238535 Date(s) Analyzed: 07/11/96 07/11/96

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	20.77	20.91	2900.		
	2	21.13	21.07	21.21	3000.		
	3	22.69	22.64	22.78	5300.		
	4	23.48	23.47	23.61	3500.	3500.	
	5	24.83	24.79	24.93	3000.		
COLUMN 2	1	17.43	17.39	17.53	3900.		20.0
	2	20.27	20.22	20.36	3800.		
	3	21.09	21.06	21.20	4100.		
	4	23.05	23.04	23.18	4900.	4200.	
	5	23.75	23.71	23.85	4600.		
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

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S1	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238535 Date(s) Analyzed: 07/10/96 07/10/96

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	20.77	20.91	5000.	6200.	
	2	21.13	21.07	21.21	5300.		
	3	22.69	22.64	22.78	8700.		
	4	23.51	23.47	23.61	6600.		
	5	24.83	24.79	24.93	5200.		
COLUMN 2	1	17.43	17.39	17.53	6400.	6600.	6.5
	2	20.27	20.22	20.36	6000.		
	3	21.09	21.06	21.20	6400.		
	4	23.05	23.04	23.18	7300.		
	5	23.75	23.71	23.85	6900.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S1 MS

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238535 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	3300.	4100.	
	2	21.13	21.07	21.21	3300.		
	3	22.69	22.64	22.78	6100.		
	4	23.48	23.47	23.61	3600.		
	5	24.83	24.79	24.93	3900.		
COLUMN 2	1	17.43	17.39	17.53	4500.	4800.	17.1
	2	20.27	20.22	20.36	4200.		
	3	21.09	21.06	21.20	4600.		
	4	23.05	23.04	23.18	5400.		
	5	23.75	23.71	23.85	5100.		
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.

S1	MSD

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238535 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	3100.	3900.	
	2	21.11	21.07	21.21	3300.		
	3	22.68	22.64	22.78	5800.		
	4	23.52	23.47	23.61	3600.		
	5	24.82	24.79	24.93	3800.		
COLUMN 2	1	17.44	17.39	17.53	4500.	4700.	20.5
	2	20.28	20.22	20.36	4100.		
	3	21.09	21.06	21.20	4400.		
	4	23.05	23.04	23.18	5300.		
	5	23.75	23.71	23.85	5000.		
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

Page 1 of 1

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S2

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238537 Date(s) Analyzed: 07/11/96 07/11/96

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	20.77	20.91	23000.	29000.	
	2	21.14	21.07	21.21	21000.		
	3	22.69	22.64	22.78	47000.		
	4	23.50	23.47	23.61	22000.		
	5	24.83	24.79	24.93	31000.		
COLUMN 2	1	17.43	17.39	17.53	27000.	36000.	24.1
	2	20.27	20.22	20.36	31000.		
	3	21.09	21.06	21.20	38000.		
	4	23.03	23.04	23.18	41000.		
	5	23.75	23.71	23.85	45000.		
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

Page 1 of 1

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S2	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238537 Date(s) Analyzed: 07/09/96 07/09/96

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	20.84	20.77	20.91	46000.	61000.	
	2	21.14	21.07	21.21	50000.		
	3	22.71	22.64	22.78	82000.		
	4	23.53	23.47	23.61	68000.		
	5	24.84	24.79	24.93	62000.		
COLUMN 2	1	17.45	17.39	17.53	45000.	59000.	3.4
	2	20.29	20.22	20.36	51000.		
	3	21.11	21.06	21.20	52000.		
	4	23.07	23.04	23.18	75000.		
	5	23.77	23.71	23.85	73000.		
_____ 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.

S3

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238539 Date(s) Analyzed: 07/07/96 07/07/96

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	20.77	20.91	1200.	1800.	
	2	21.13	21.07	21.21	1500.		
	3	22.70	22.64	22.78	2600.		
	4	23.50	23.47	23.61	1700.		
	5	24.83	24.79	24.93	2200.		
COLUMN 2	1	17.44	17.39	17.53	1400.	2000.	11.1
	2	20.28	20.22	20.36	1800.		
	3	21.10	21.06	21.20	2100.		
	4	23.06	23.04	23.18	2300.		
	5	23.76	23.71	23.85	2400.		
_____ 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

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S3	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238539 Date(s) Analyzed: 07/09/96 07/09/96

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	20.84	20.77	20.91	2600.		
	2	21.13	21.07	21.21	3200.		
	3	22.71	22.64	22.78	5100.		
	4	23.53	23.47	23.61	3900.	3900.	
	5	24.84	24.79	24.93	4400.		
COLUMN 2	1	17.45	17.39	17.53	2700.		8.3
	2	20.29	20.22	20.36	3300.		
	3	21.11	21.06	21.20	3300.		
	4	23.07	23.04	23.18	4200.	3600.	
	5	23.76	23.71	23.85	4600.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S4

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238541 Date(s) Analyzed: 07/11/96 07/11/96

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	20.77	20.91	6000.	7900.	
	2	21.10	21.07	21.21	6500.		
	3	22.68	22.64	22.78	13000.		
	4	23.52	23.47	23.61	6300.		
	5	24.81	24.79	24.93	7800.		
COLUMN 2	1	17.43	17.39	17.53	8600.	9900.	25.3
	2	20.27	20.22	20.36	9800.		
	3	21.08	21.06	21.20	9300.		
	4	23.03	23.04	23.18	11000.		
	5	23.74	23.71	23.85	11000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S4	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238541 Date(s) Analyzed: 07/09/96 07/09/96

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	20.84	20.77	20.91	12000.	16000.	
	2	21.13	21.07	21.21	13000.		
	3	22.70	22.64	22.78	22000.		
	4	23.53	23.47	23.61	17000.		
	5	24.84	24.79	24.93	14000.		
COLUMN 2	1	17.44	17.39	17.53	15000.	16000.	.0
	2	20.29	20.22	20.36	16000.		
	3	21.11	21.06	21.20	14000.		
	4	23.07	23.04	23.18	18000.		
	5	23.77	23.71	23.85	18000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S5

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238545 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	400000.	520000.	
	2	21.11	21.07	21.21	430000.		
	3	22.68	22.64	22.78	860000.		
	4	23.47	23.47	23.61	440000.		
	5	24.82	24.79	24.93	490000.		
COLUMN 2	1	17.43	17.39	17.53	430000.	610000.	17.3
	2	20.27	20.22	20.36	610000.		
	3	21.08	21.06	21.20	600000.		
	4	23.03	23.04	23.18	710000.		
	5	23.73	23.71	23.85	700000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S5	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238545 Date(s) Analyzed: 07/09/96 07/09/96

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	20.77	20.91	780000.	1000000.	
	2	21.13	21.07	21.21	840000.		
	3	22.71	22.64	22.78	1400000.		
	4	23.53	23.47	23.61	1100000.		
	5	24.84	24.79	24.93	880000.		
COLUMN 2	1	17.44	17.39	17.53	1400000.	1100000.	10.0
	2	20.28	20.22	20.36	1100000.		
	3	21.10	21.06	21.20	990000.		
	4	23.07	23.04	23.18	1200000.		
	5	23.76	23.71	23.85	1200000.		
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

Page 1 of 1

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S6

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238547 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	2000000.	2200000.	
	2	21.11	21.07	21.21	2100000.		
	3	22.68	22.64	22.78	3500000.		
	4	23.48	23.47	23.61	2000000.		
	5	24.82	24.79	24.93	1600000.		
COLUMN 2	1	17.43	17.39	17.53	3400000.	2800000.	27.3
	2	20.27	20.22	20.36	3000000.		
	3	21.08	21.06	21.20	2800000.		
	4	23.04	23.04	23.18	2500000.		
	5	23.74	23.71	23.85	2500000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S6	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238547 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	2900000.	3000000.	
	2	21.13	21.07	21.21	3100000.		
	3	22.68	22.64	22.78	4200000.		
	4	23.51	23.47	23.61	2900000.		
	5	24.83	24.79	24.93	2000000.		
COLUMN 2	1	17.43	17.39	17.53	5000000.	3700000.	23.3
	2	20.28	20.22	20.36	4100000.		
	3	21.10	21.06	21.20	3300000.		
	4	23.05	23.04	23.18	3200000.		
	5	23.75	23.71	23.85	3200000.		
_____ 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

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FORM X PEST-2 OLM03.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S7

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238551 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	45000.	60000.	
	2	21.13	21.07	21.21	47000.		
	3	22.68	22.64	22.78	94000.		
	4	23.49	23.47	23.61	50000.		
	5	24.83	24.79	24.93	63000.		
COLUMN 2	1	17.43	17.39	17.53	49000.	69000.	15.0
	2	20.28	20.22	20.36	63000.		
	3	21.09	21.06	21.20	69000.		
	4	23.05	23.04	23.18	85000.		
	5	23.75	23.71	23.85	81000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S7	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238551 Date(s) Analyzed: 07/10/96 07/10/96

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	20.84	20.77	20.91	74000.	100000.	
	2	21.14	21.07	21.21	85000.		
	3	22.71	22.64	22.78	140000.		
	4	23.53	23.47	23.61	110000.		
	5	24.85	24.79	24.93	100000.		
COLUMN 2	1	17.45	17.39	17.53	78000.	100000.	.0
	2	20.29	20.22	20.36	96000.		
	3	21.12	21.06	21.20	87000.		
	4	23.07	23.04	23.18	130000.		
	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.

S8

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238553 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	32000.		
	2	21.12	21.07	21.21	37000.		
	3	22.68	22.64	22.78	60000.		
	4	23.48	23.47	23.61	41000.	43000.	
	5	24.83	24.79	24.93	47000.		
COLUMN 2	1	17.43	17.39	17.53	22000.		7.0
	2	20.27	20.22	20.36	41000.		
	3	21.08	21.06	21.20	46000.		
	4	23.04	23.04	23.18	62000.	46000.	
	5	23.74	23.71	23.85	60000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S8	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238553 Date(s) Analyzed: 07/10/96 07/10/96

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	20.84	20.77	20.91	57000.	92000.	
	2	21.14	21.07	21.21	72000.		
	3	22.71	22.64	22.78	130000.		
	4	23.53	23.47	23.61	100000.		
	5	24.85	24.79	24.93	98000.		
COLUMN 2	1	17.46	17.39	17.53	51000.	90000.	2.2
	2	20.30	20.22	20.36	81000.		
	3	21.12	21.06	21.20	90000.		
	4	23.08	23.04	23.18	120000.		
	5	23.78	23.71	23.85	110000.		
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.

S9

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238555 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	33000.	45000.	
	2	21.12	21.07	21.21	38000.		
	3	22.68	22.64	22.78	62000.		
	4	23.48	23.47	23.61	42000.		
	5	24.83	24.79	24.93	51000.		
COLUMN 2	1	17.43	17.39	17.53	23000.	47000.	4.4
	2	20.28	20.22	20.36	43000.		
	3	21.09	21.06	21.20	47000.		
	4	23.05	23.04	23.18	62000.		
	5	23.74	23.71	23.85	61000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S9	DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238555 Date(s) Analyzed: 07/10/96 07/10/96

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	20.77	20.91	54000.	74000.	
	2	21.13	21.07	21.21	62000.		
	3	22.69	22.64	22.78	95000.		
	4	23.51	23.47	23.61	83000.		
	5	24.83	24.79	24.93	74000.		
COLUMN 2	1	17.44	17.39	17.53	37000.	73000.	1.4
	2	20.28	20.22	20.36	64000.		
	3	21.10	21.06	21.20	76000.		
	4	23.06	23.04	23.18	96000.		
	5	23.75	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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S10

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238557 Date(s) Analyzed: 07/22/96 07/22/96

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	4700.		
	2	21.10	21.06	21.20	4300.		
	3	22.68	22.64	22.78	8500.		
	4	23.46	23.46	23.60	4300.	5400.	
	5	24.80	24.78	24.92	5100.		
COLUMN 2	1	17.43	17.39	17.53	5200.		29.6
	2	20.28	20.22	20.36	6400.		
	3	21.08	21.06	21.20	6600.		
	4	23.03	23.02	23.16	8200.	7000.	
	5	23.74	23.71	23.85	8500.		
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.

S10 DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238557 Date(s) Analyzed: 07/10/96 07/10/96

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	20.77	20.91	8900.	12000.	
	2	21.13	21.07	21.21	9200.		
	3	22.70	22.64	22.78	16000.		
	4	23.52	23.47	23.61	13000.		
	5	24.83	24.79	24.93	11000.		
COLUMN 2	1	17.44	17.39	17.53	5300.	11000.	9.1
	2	20.29	20.22	20.36	11000.		
	3	21.10	21.06	21.20	11000.		
	4	23.06	23.04	23.18	14000.		
	5	23.76	23.71	23.85	15000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S11

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238559 Date(s) Analyzed: 07/15/96 07/15/96

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	3100.	4500.	
	2	21.13	21.06	21.20	3500.		
	3	22.69	22.64	22.78	5500.		
	4	23.51	23.46	23.60	4400.		
	5	24.83	24.78	24.92	6200.		
COLUMN 2	1	17.44	17.39	17.53	3700.	4900.	8.9
	2	20.29	20.22	20.36	4600.		
	3	21.10	21.06	21.20	4700.		
	4	23.06	23.02	23.16	5800.		
	5	23.76	23.71	23.85	5600.		
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

10B

PESTICIDE IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S11 DC

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238559 Date(s) Analyzed: 07/14/96 07/15/96

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	5200.		
	2	21.13	21.06	21.20	5900.		
	3	22.69	22.64	22.78	8600.		
	4	23.51	23.46	23.60	7800.	7300.	
	5	24.83	24.78	24.92	8900.		
COLUMN 2	1	17.44	17.39	17.53	3700.		49.0
	2	20.29	20.22	20.36	4600.		
	3	21.10	21.06	21.20	4700.		
	4	23.06	23.02	23.16	5800.	4900.	
	5	23.76	23.71	23.85	5600.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S12

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238561 Date(s) Analyzed: 07/17/96 07/17/96

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	100000.		
	2	21.12	21.06	21.20	100000.		
	3	22.69	22.64	22.78	180000.		
	4	23.52	23.46	23.60	150000.	130000.	
	5	24.83	24.78	24.92	130000.		
COLUMN 2	1	17.44	17.39	17.53	83000.		7.7
	2	20.28	20.22	20.36	130000.		
	3	21.10	21.06	21.20	140000.		
	4	23.06	23.02	23.16	180000.	140000.	
	5	23.76	23.71	23.85	170000.		
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.

S12 DC

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238561 Date(s) Analyzed: 07/14/96 07/14/96

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	20.84	20.76	20.90	150000.	190000.	
	2	21.13	21.06	21.20	160000.		
	3	22.71	22.64	22.78	250000.		
	4	23.53	23.46	23.60	200000.		
	5	24.85	24.78	24.92	180000.		
COLUMN 2	1	17.47	17.39	17.53	130000.	190000.	.0
	2	20.31	20.22	20.36	170000.		
	3	21.13	21.06	21.20	190000.		
	4	23.09	23.02	23.16	230000.		
	5	23.78	23.71	23.85	210000.		
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

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S26

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238549 Date(s) Analyzed: 07/12/96 07/12/96

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	20.77	20.91	2300000.	2500000.	
	2	21.15	21.07	21.21	2400000.		
	3	22.68	22.64	22.78	4300000.		
	4	23.52	23.47	23.61	1900000.		
	5	24.82	24.79	24.93	1900000.		
COLUMN 2	1	17.43	17.39	17.53	4100000.	3400000.	36.0
	2	20.27	20.22	20.36	3700000.		
	3	21.08	21.06	21.20	3300000.		
	4	23.05	23.04	23.18	3100000.		
	5	23.74	23.71	23.85	3000000.		
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

page 1 of 1

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

S26 DL

Lab Name: ICM Contract:

Lab Code: ICM Case No.: SAS No.: SDG No.: RIN1A

Lab Sample ID: 238549 Date(s) Analyzed: 07/10/96 07/10/96

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	20.77	20.91	3700000.	3900000.	
	2	21.12	21.07	21.21	4000000.		
	3	22.68	22.64	22.78	5700000.		
	4	23.51	23.47	23.61	3500000.		
	5	24.83	24.79	24.93	2600000.		
COLUMN 2	1	17.43	17.39	17.53	6500000.	4500000.	15.4
	2	20.27	20.22	20.36	4500000.		
	3	21.10	21.06	21.20	4200000.		
	4	23.07	23.04	23.18	3800000.		
	5	23.76	23.71	23.85	3600000.		
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

QUANT REPORT

Operator ID: TRFIL Quant Rev: 7 Quant Time: 960705 17:07
Output File: ^03087::F3 Injected at: 960701 13:49
Data File: >03087::G3 Dilution Factor: 1.00000
Name: RES01 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: 960702 00:13

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2346474	18.75	ng/ml	100
9)	#Endosulfan I	0.010	21.61	2593	1312743	10.77	ng/ml	100
10)	#Dieldrin	0.020	23.05	2766	1726260	18.26	ng/ml	100
11)	#4,4'-DDE	0.020	22.83	2740	1411925M	15.43	ng/ml	100
15)	#Endosulfan Sulfate	0.020	28.33	3399	1741197	19.64	ng/ml	100
17)	#Methoxychlor	0.100	32.47	3896	3662021	94.32	ng/ml	100
18)	#Endrin ketone	0.020	32.79	3934	1535169	17.05	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.69	5003	2414622	20.17	ng/ml	100
21)	#gamma-Chlordane	0.010	20.78	2494	999313	8.48	ng/ml	100

Compound uses ESTD

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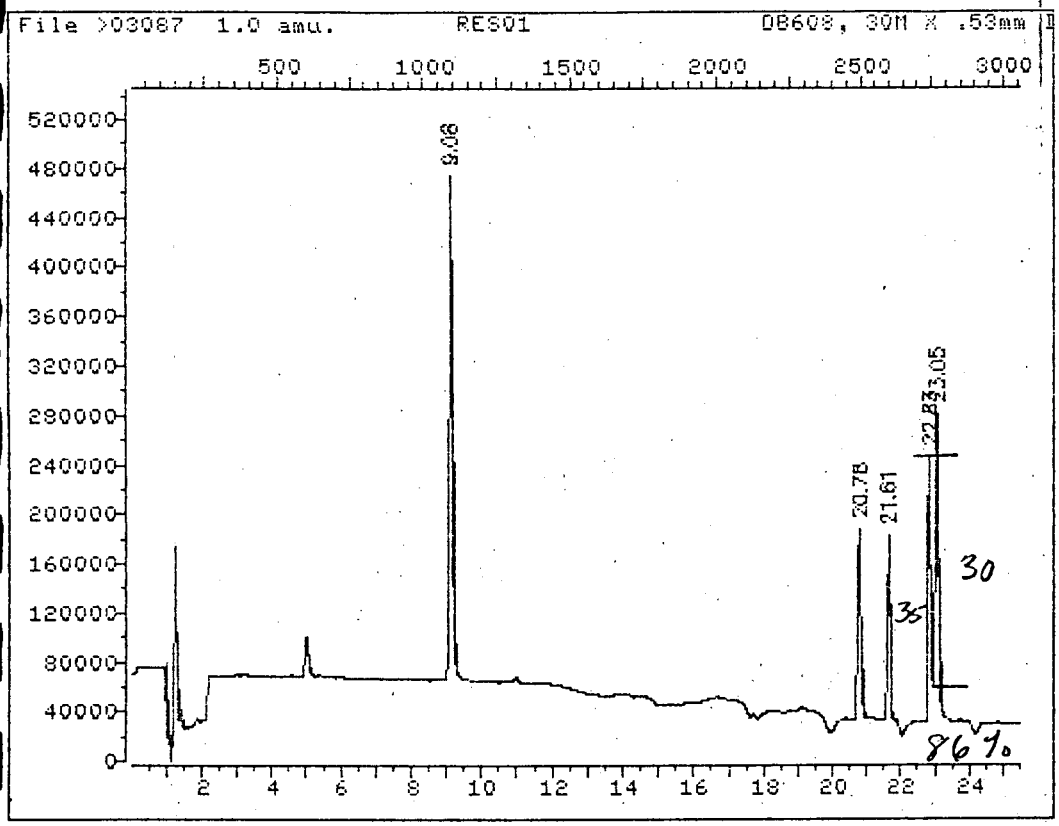
7/10/96

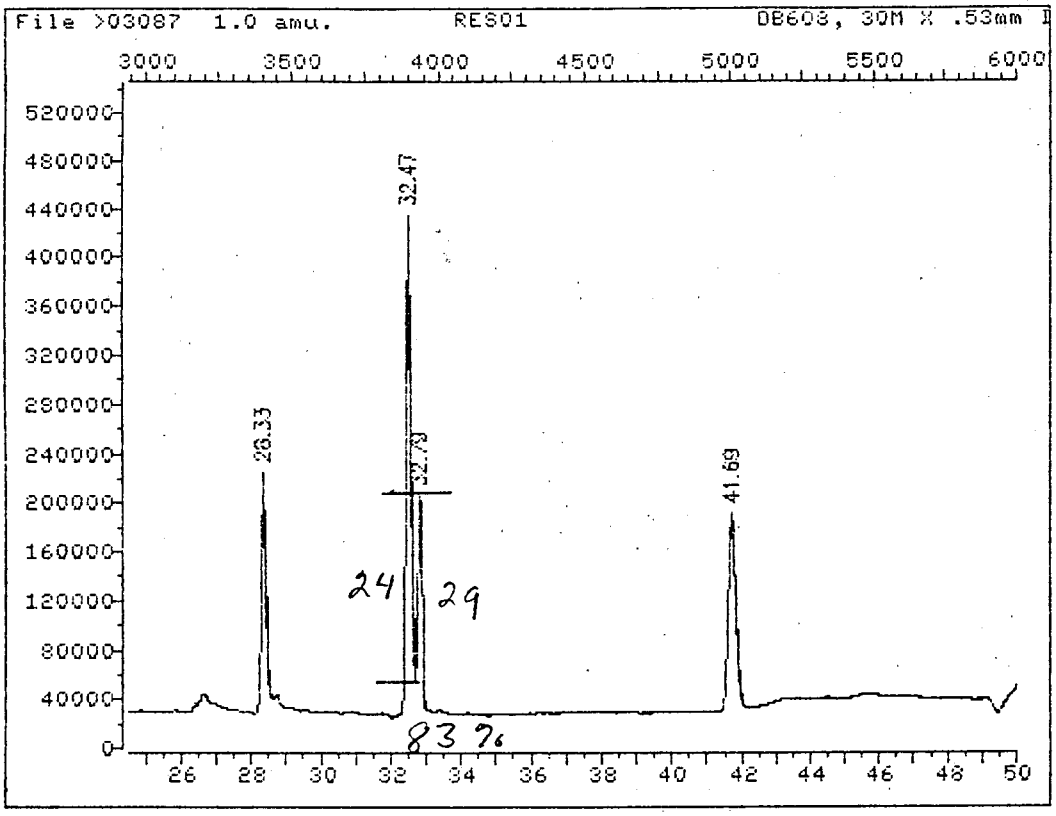


Data File: >03087::G3 Quant Output File: ^03087::F3
Name: RES01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960705 17:07
Injected at: 960701 13:49

Page 1 of 2

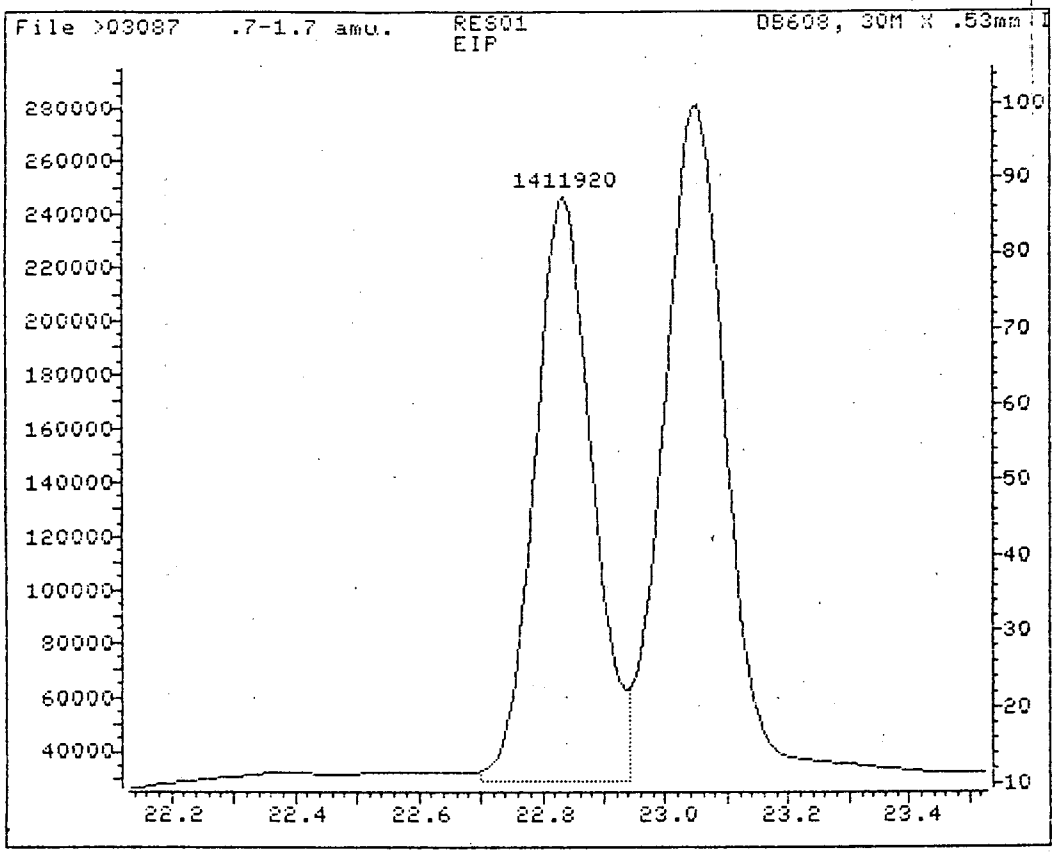


Data File: >03087::G3 Quant Output File: ^03087::F3
Name: RES01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960705 17:07
Injected at: 960701 13:49

Page 2 of 2



Data File: >03087::G3 Quant Output File: ^03087::F3
Name: RES01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ
Quant Time: 960705 17:07 Quant ID File: IDCAP1::SC
Injected at: 960701 13:49 Last Calibration: 941029 10:07

Compound No: 11
Compound Name: 4,4'-DDE
Scan Number: 2740
Retention Time: 22.83 min.
Quant Ion: 1.0
Area: 1411925M
Concentration: 15.43 ng/ml
q-value: 100

This report was produced by QAREA on: 960709 16:47

QUANT REPORT

Operator ID: TRFIL
Output File: ^04087::F3
Data File: >04087::G5
Name: RES01 RESC01
Misc: DB1701. 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960705 17:11
Injected at: 960701 13:49
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	795367	19.20	ng/ml	100
9)	#Endosulfan I	0.010	21.77	2612	299487	8.39	ng/ml	100
10)	#Dieldrin	0.020	23.42	2810	557479	17.17	ng/ml	100
1)	#4,4'-DDE	0.020	22.76	2731	475940	17.14	ng/ml	100
5)	#Endosulfan Sulfate	0.020	30.61	3673	415876	15.72	ng/ml	100
17)	#Methoxychlor	0.100	30.86	3703	1212101	90.05	ng/ml	100
8)	#Endrin ketone	0.020	32.95	3954	465470	16.53	ng/ml	100
9)	#Decachlorobiphenyl	0.020	38.72	4646	879775	18.84	ng/ml	100
21)	#gamma-Chlordane	0.010	21.99	2639	338421	8.47	ng/ml	100

Compound uses ESTD

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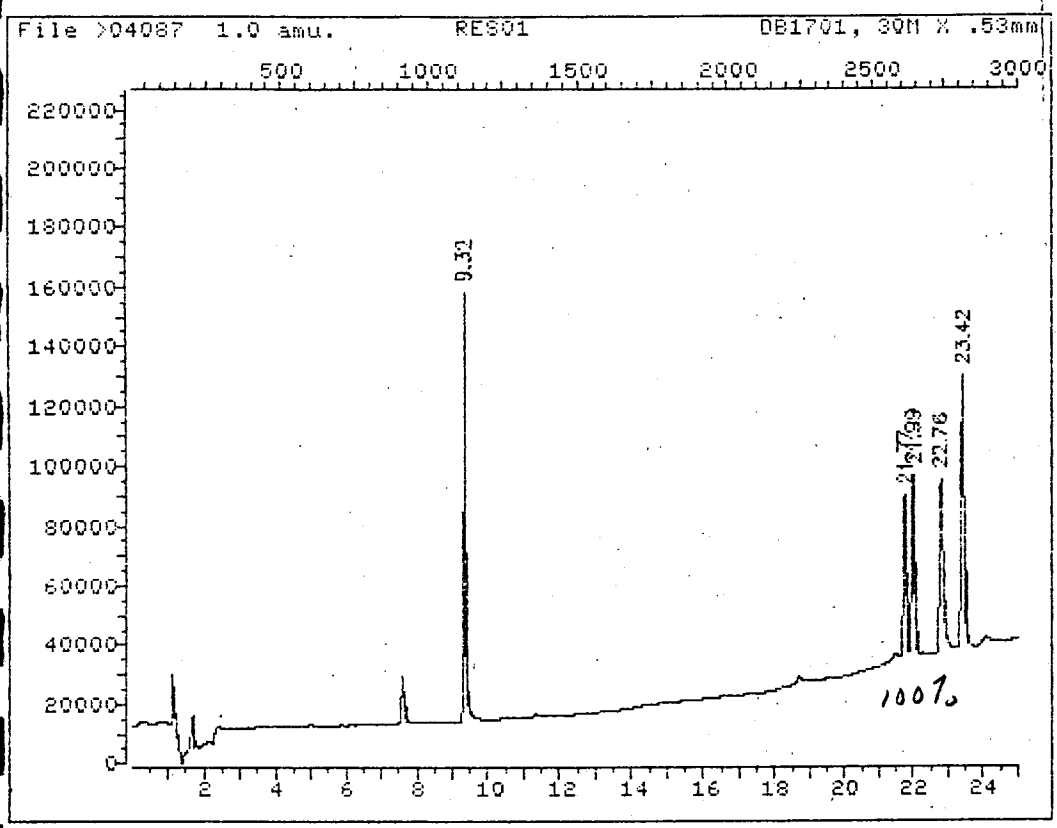
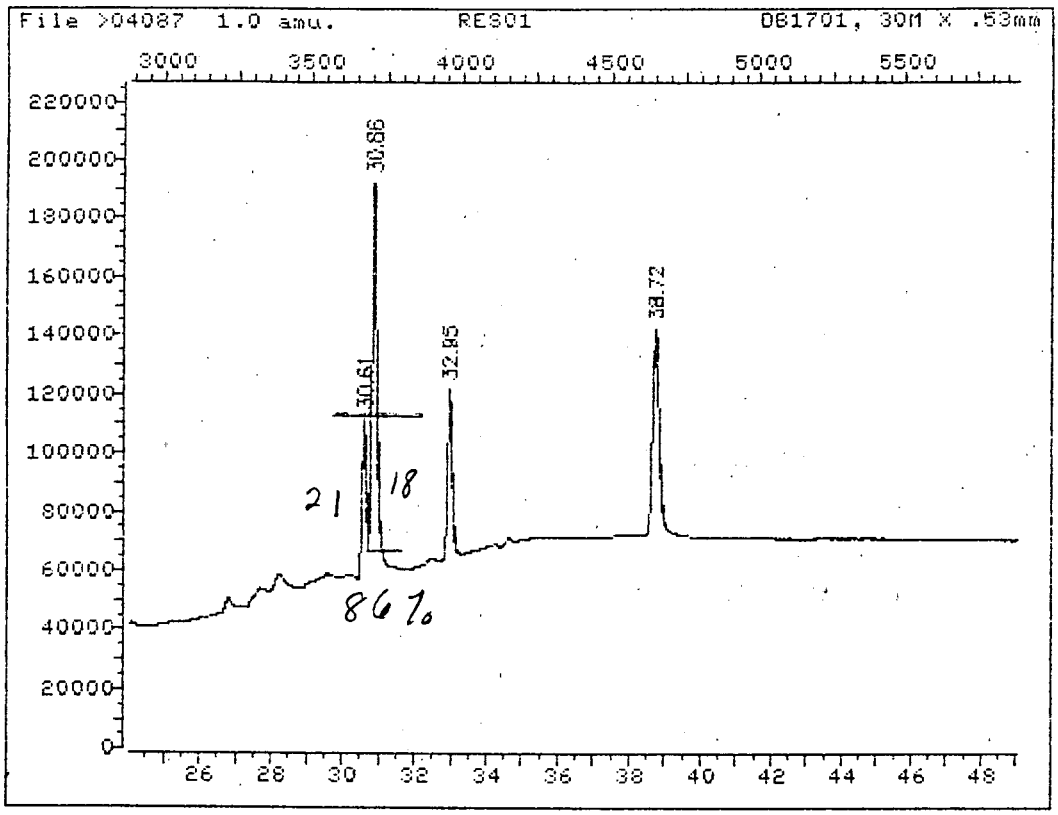


Data File: >04087::G5 Quant Output File: ^04087::F3
Name: RES01 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960705 17:11
Injected at: 960701 13:49

Page 1 of 2



Data File: >04087::G5 Quant Output File: ^04087::F3
Name: RES01 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: 960701 21:23

Operator ID: TRFIL
Quant Time : 960705 17:11
Injected at: 960701 13:49

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960719 13:53
Output File: ^03296::GQ Injected at: 960713 14:40
Data File: >03296::F3 Dilution Factor: 1.00000
Name: RESC01A Instrument ID: GC03
Misc: DB608. 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2234490	18.68	ng/ml	100
9)	#Endosulfan I	0.010	21.59	2591	1192413	11.23	ng/ml	100
10)	#Dieldrin	0.020	23.03	2763	1681465	17.82	ng/ml	100
11)	#4,4'-DDE	0.020	22.82	2738	1495227	16.19	ng/ml	100
15)	#Endosulfan Sulfate	0.020	28.30	3396	1650052	18.76	ng/ml	100
17)	#Methoxychlor	0.100	32.44	3893	3850550	96.78	ng/ml	100
18)	#Endrin ketone	0.020	32.76	3931	1635411	17.64	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.65	4998	2318258	20.05	ng/ml	100
21)	#gamma-Chlordane	0.010	20.77	2492	1089407	9.01	ng/ml	100

Compound uses ESTD

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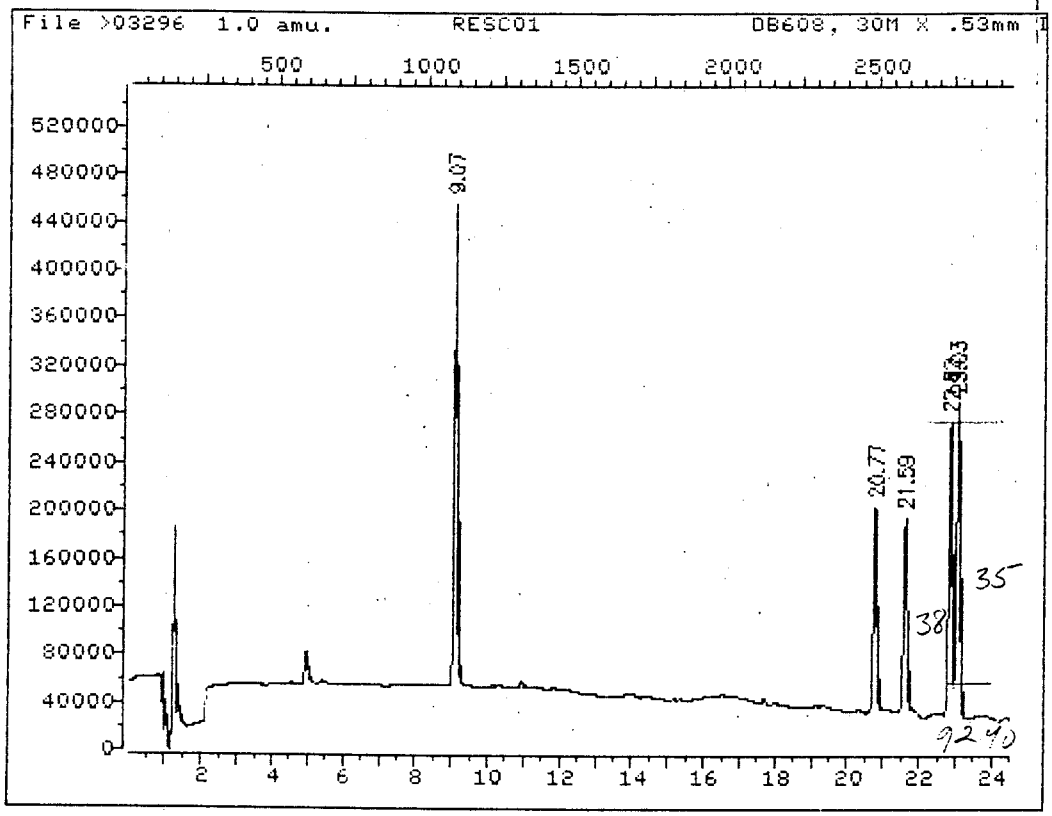
7/22/96



Data File: >03296::F3 Quant Output File: ^03296::GQ
Name: RESC01A Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 13:53
Injected at: 960713 14:40

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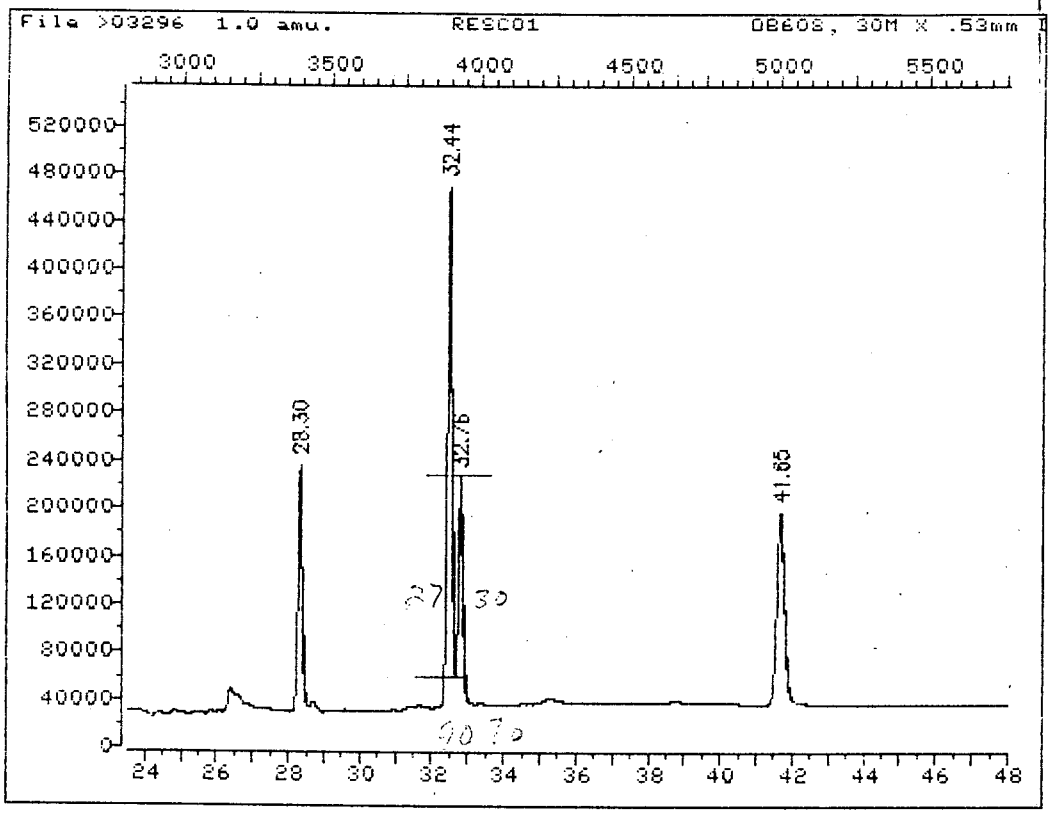

Data File: >03296::F3 Quant Output File: ^03296::GQ
Name: RESC01A Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 13:53
Injected at: 960713 14:40

Page 2 of 2

QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960719 14:13
Output File: ^04296::GQ Injected at: 960713 14:40
Data File: >04296::G1 Dilution Factor: 1.00000
Name: RESC01A Instrument ID: GC04
Misc: DB1701, 30M X .53mmINST 58903, 1ul INJ

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	799119	19.53	ng/ml	100
9)	#Endosulfan I	0.010	21.76	2611	316405	9.07	ng/ml	100
10)	#Dieldrin	0.020	23.41	2809	571606	17.81	ng/ml	100
11)	#4,4'-DDE	0.020	22.75	2730	494695	17.47	ng/ml	100
15)	#Endosulfan Sulfate	0.020	30.59	3671	529974	19.32	ng/ml	100
17)	#Methoxychlor	0.100	30.84	3701	1271928	95.02	ng/ml	100
18)	#Endrin ketone	0.020	32.93	3951	606312	19.11	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.70	4644	907781	19.79	ng/ml	100
21)	#gamma-Chlordane	0.010	21.98	2638	348464	8.70	ng/ml	100

Compound uses ESTD

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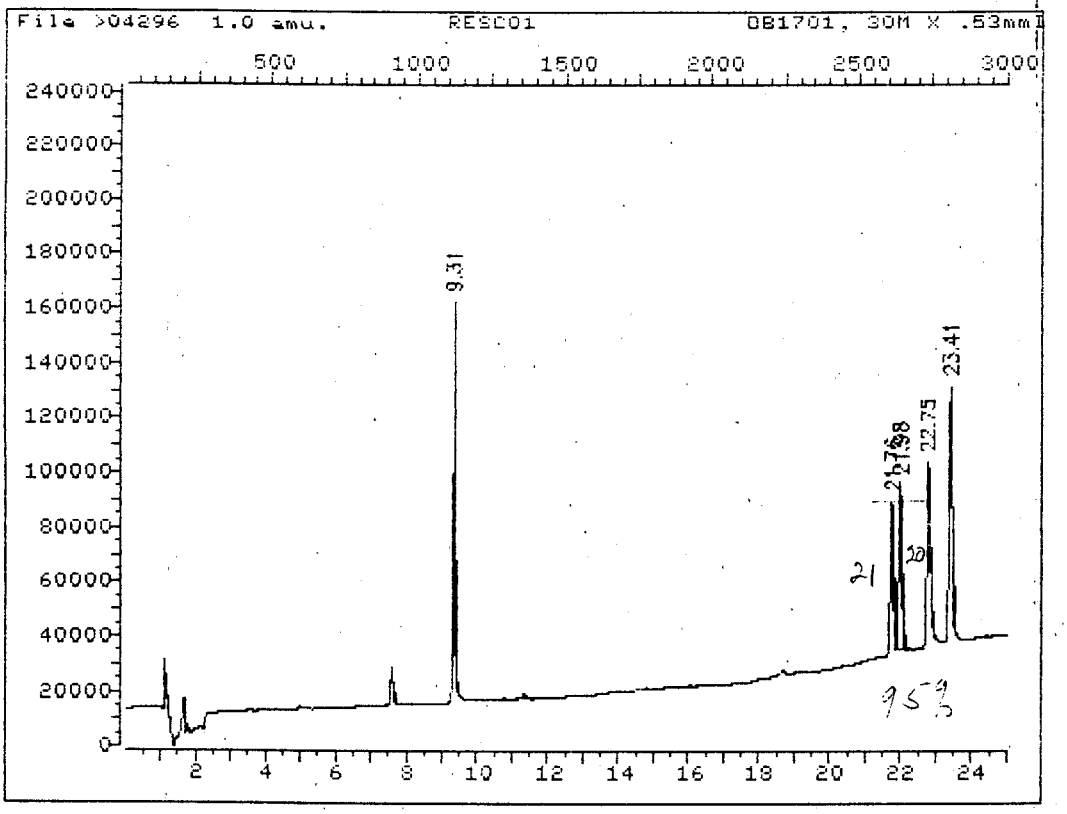
7/22/96



Data File: >04296::G1 Quant Output File: ^04296::GQ
Name: RESC01A Instrument ID: GC04
Misc: DB1701, 30M X .53mmINST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:13
Injected at: 960713 14:40

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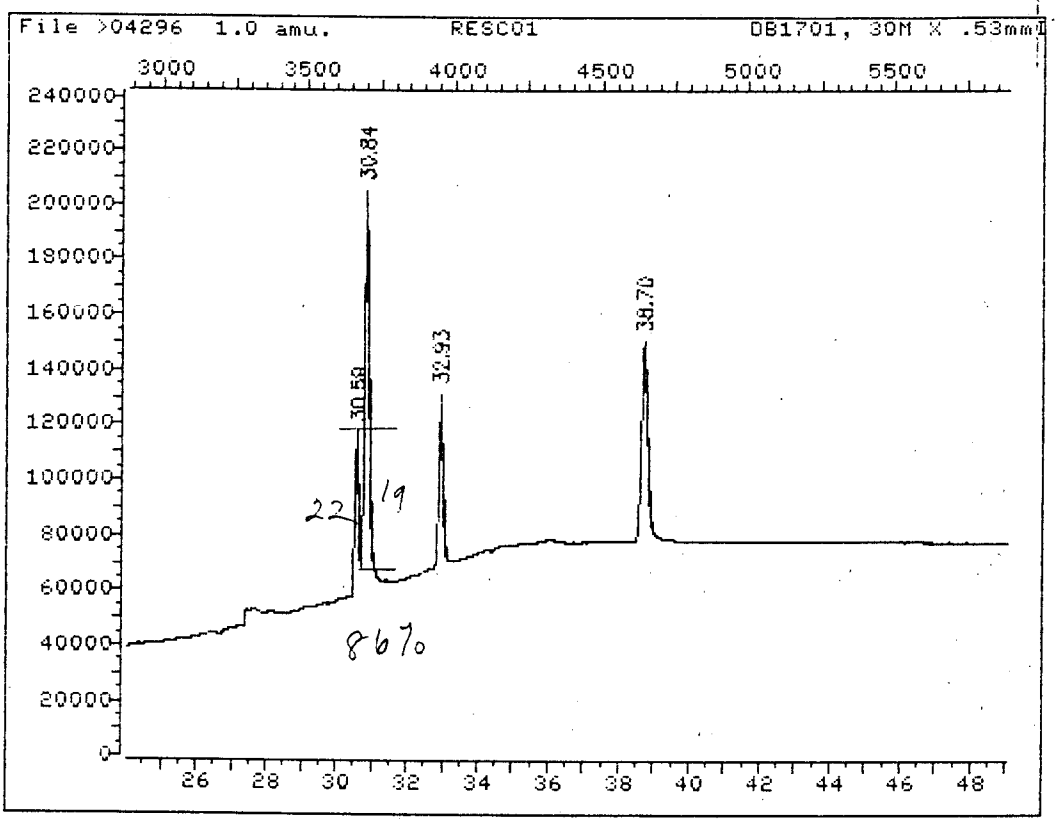

Data File: >04296::G1 Quant Output File: ^04296::GQ
Name: RESC01A Instrument ID: GC04
Misc: DB1701, 30M X .53mmINST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:13
Injected at: 960713 14:40

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QUANT REPORT

Operator ID: TRFIL Quant Rev: 7 Quant Time: 960705 17:09
Output File: ^03088::F3 Injected at: 960701 14:46
Data File: >03088::G3 Dilution Factor: 1.00000
Name: PEM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2409059	19.25	ng/ml	100
2)	#alpha-BHC	0.010	12.48	1498	1414741	9.56	ng/ml	100
3)	#beta-BHC	0.010	14.80	1776	764439	9.31	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.37	1724	1265841	9.26	ng/ml	100
11)	#4,4'-DDE		22.83	2740	97584	1.07	ng/ml	100
12)	#Endrin	0.050	24.84	2980	4100276	47.90	ng/ml	100
14)	#4,4'-DDD		25.64	3076	32235	.560	ng/ml	100
16)	#4,4'-DDT	0.100	27.21	3265	6501286	100.30	ng/ml	100
17)	#Methoxychlor	0.250	32.45	3894	9274120	238.87	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.68	5002	2506115	20.94	ng/ml	100
30)	#Endrin aldehyde		27.62	3314	78062	.990	ng/ml	100

Compound uses ESTD

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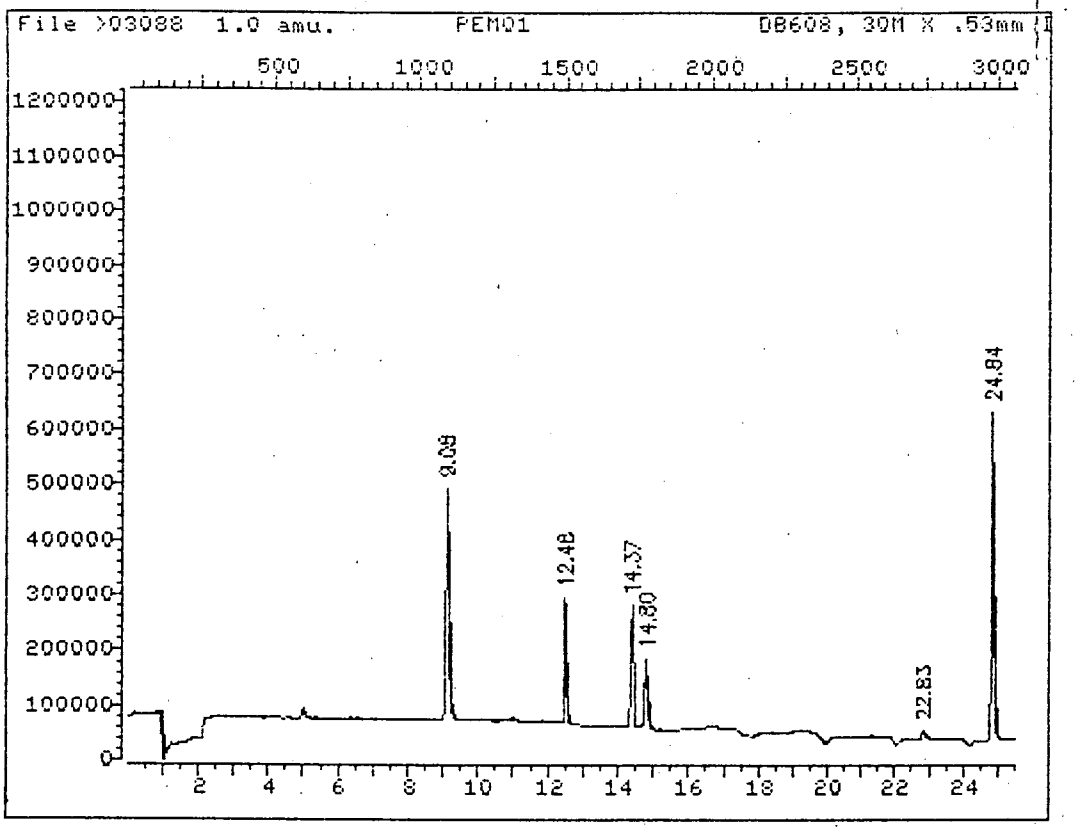
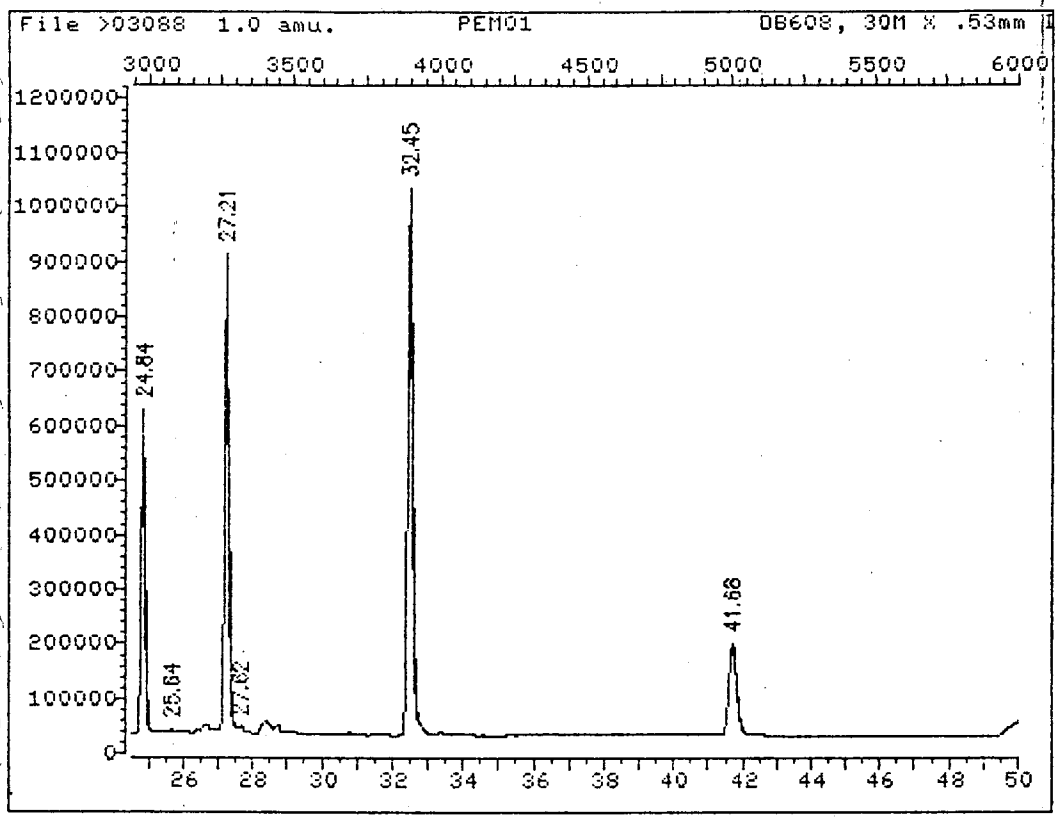


Data File: >03088::G3 Quant Output File: ^03088::F3
Name: PEM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960705 17:09
Injected at: 960701 14:46

Page 1 of 2



Data File: >03088::G3 Quant Output File: ^03088::F3
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: 960702 00:13

Operator ID: TRFIL
Quant Time : 960705 17:09
Injected at: 960701 14:46

Page 2 of 2

QUANT REPORT

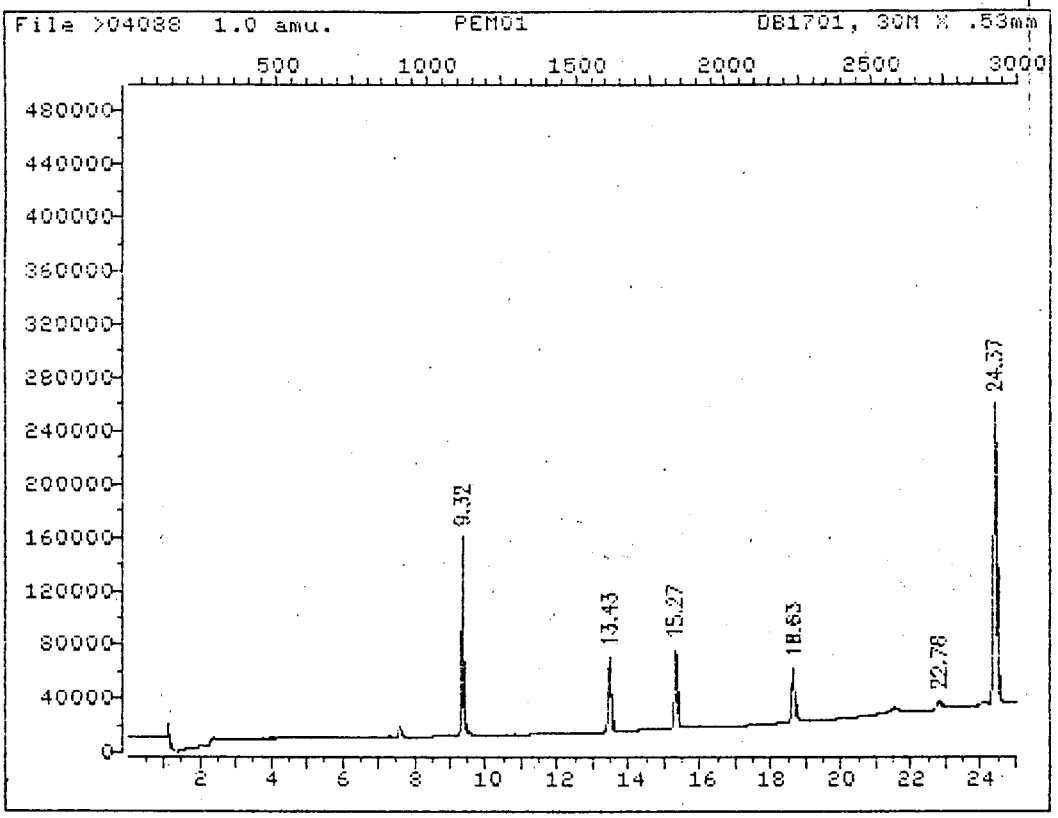
Operator ID: TRFIL Quant Rev: 7 Quant Time: 960702 21:51
Output File: ^04088::F3 Injected at: 960701 14:46
Data File: >04088::G5 Dilution Factor: 1.00000
Name: PEM01 Instrument ID: GC04
Disc: DB1701, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	820457	19.81	ng/ml	100
2)	#alpha-BHC	0.010	13.43	1612	293517	8.96	ng/ml	100
3)	#beta-BHC	0.010	18.63	2236	237662	9.04	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1833	300012	8.82	ng/ml	100
11)	#4,4'-DDE		22.78	2733	69711	2.51	ng/ml	100
12)	#Endrin	0.050	24.37	2924	1417114	48.89	ng/ml	100
14)	#4,4'-DDD		26.54	3184	63108	2.99	ng/ml	100
16)	#4,4'-DDT	0.100	27.43	3291	1882251	114.22	ng/ml	100
17)	#Methoxychlor	0.250	30.84	3701	3399375	253.01	ng/ml	100
18)	#Endrin ketone		32.94	3952	23497	.834	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.70	4644	950866	20.36	ng/ml	100
30)	#Endrin aldehyde		28.87	3464	14738	.485	ng/ml	100

Compound uses ESTD

EPmi
7/10/96



Data File: >04088::G5 Quant Output File: ^04088::F3
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: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 21:51
Injected at: 960701 14:46

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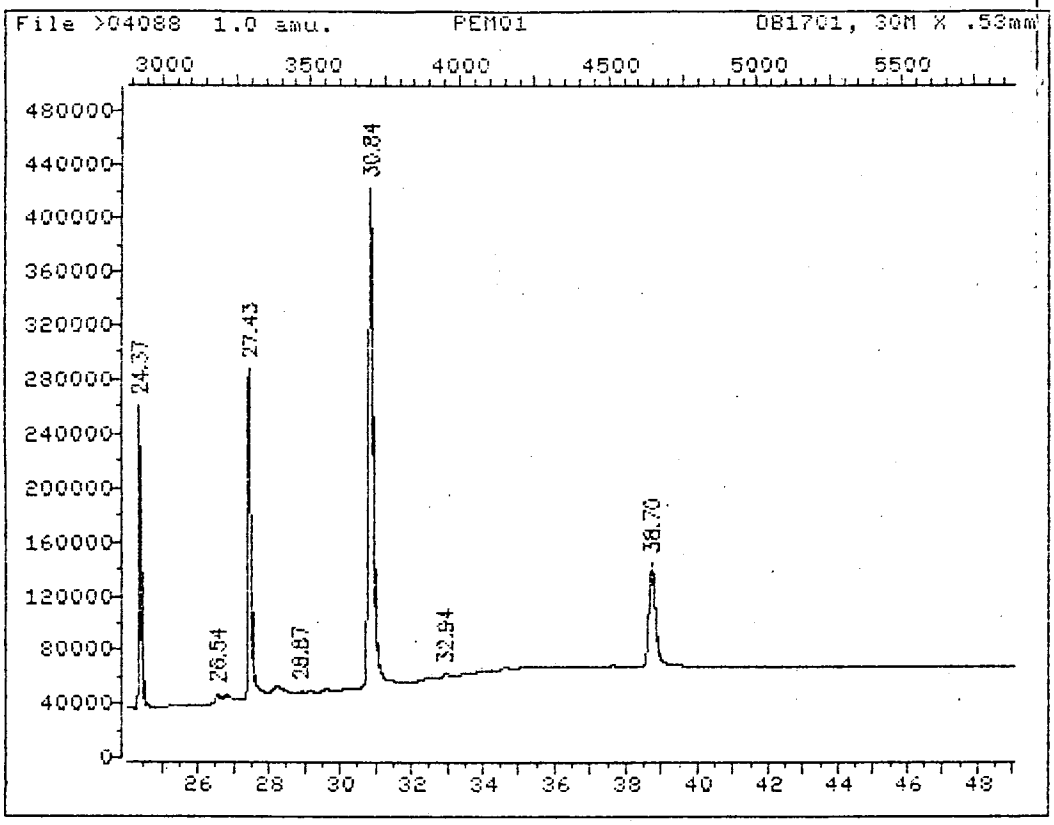

Data File: >04088::G5 Quant Output File: ^04088::F3
Name: PEM01 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 21:51
Injected at: 960701 14:46

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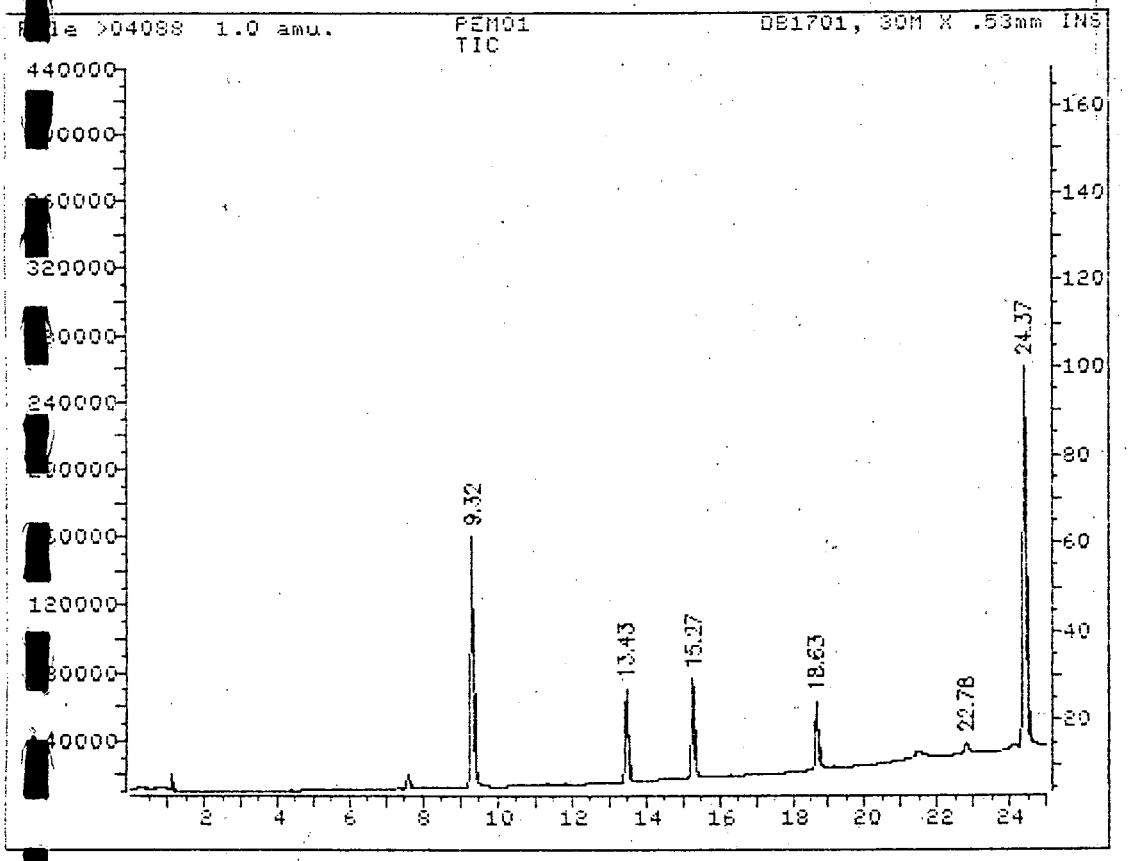
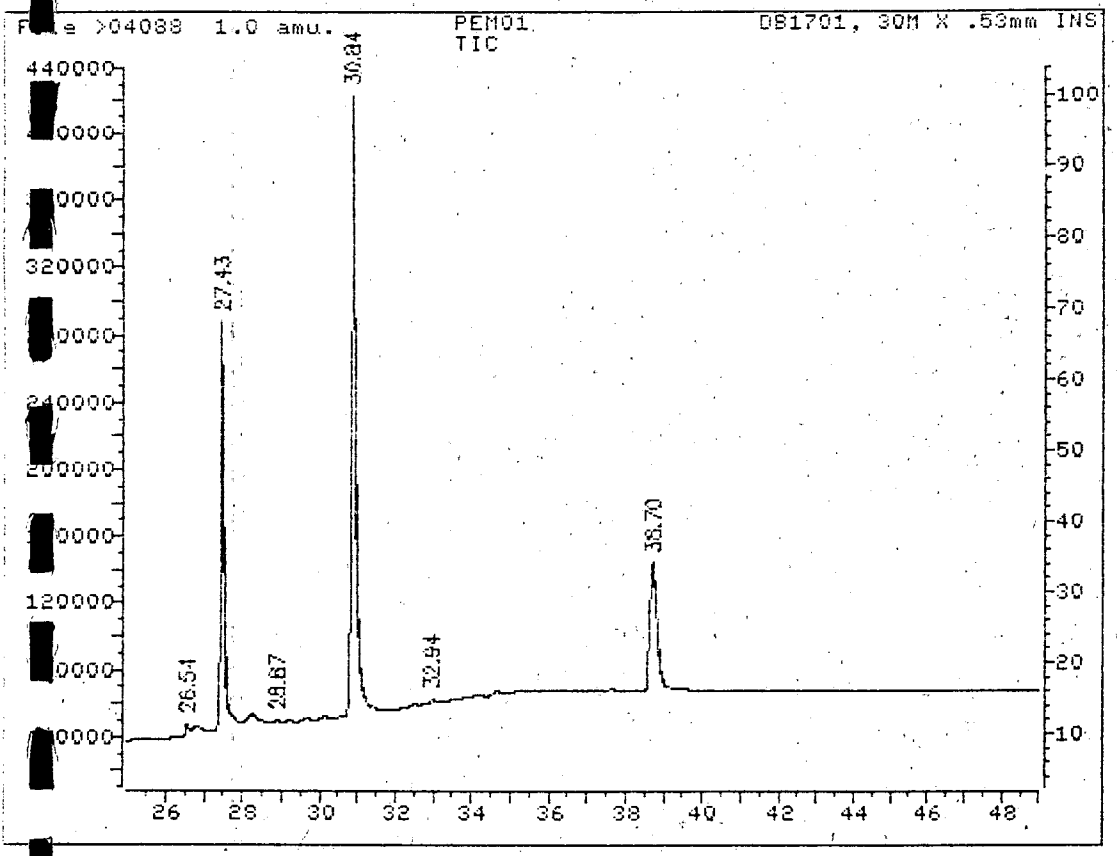


MS data file header from : >04088::G5

Sample: PEM01 Operator: TRFIL 7/01/96 14:46
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 : >04088::G5

Sample: PEM01 Operator: TRFIL 7/01/96 14:46
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

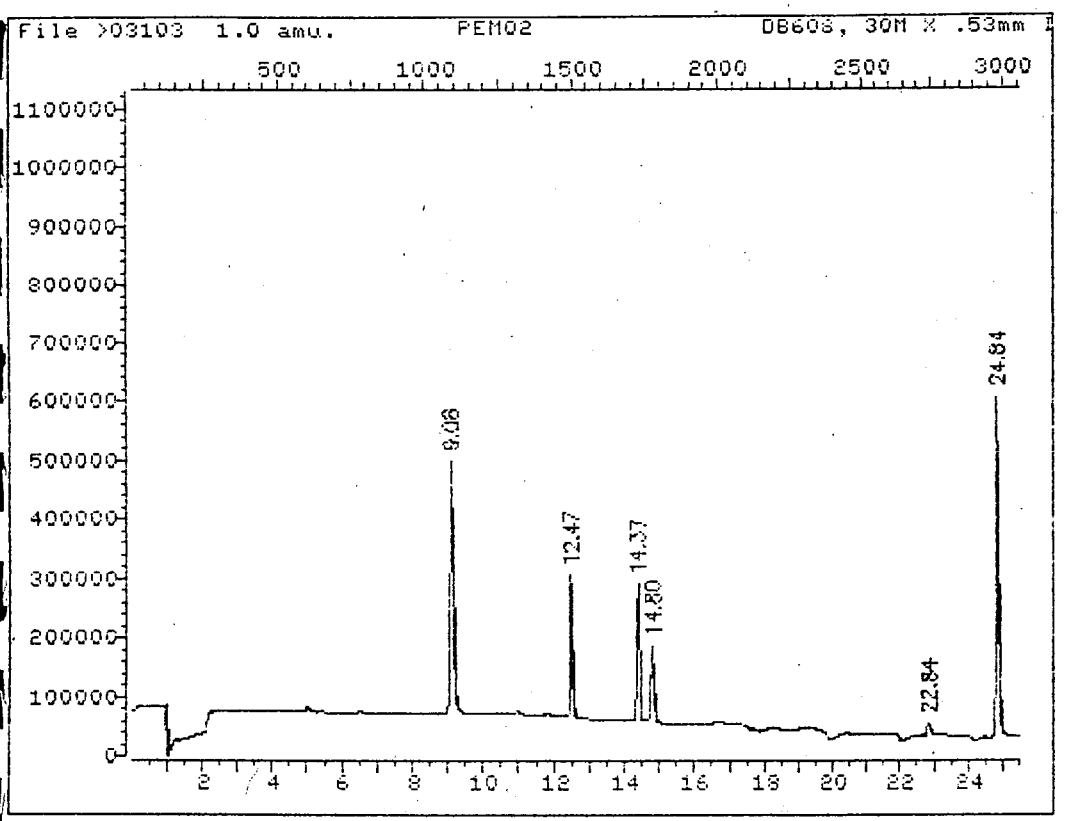
Operator ID: TRFIL Quant Rev: 7 Quant Time: 960705 17:16
Output File: ^03103::F3 Injected at: 960702 04:57
Data File: >03103::G3 Dilution Factor: 1.00000
Name: PEM02 Instrument ID: GC03
Disc: DB608. 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

	Compound	NG INJ	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2441996	19.51	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1497	1322235	8.93	ng/ml	100
3)	#beta-BHC	0.010	14.80	1776	791710	9.65	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.37	1724	1295717	9.48	ng/ml	100
11)	#4,4'-DDE		22.84	2741	175436	1.92	ng/ml	100
12)	#Endrin	0.050	24.84	2980	4141582	48.39	ng/ml	100
14)	#4,4'-DDD		25.64	3077	54904	.953	ng/ml	100
16)	#4,4'-DDT		27.22	3266	6265038	96.66	ng/ml	100
17)	#Methoxychlor	0.100	32.46	3895	8957544	230.72	ng/ml	100
19)	#Decachlorobiphenyl	0.250 0.020	41.69	5003	2560074	21.39	ng/ml	100
30)	#Endrin aldehyde		27.62	3314	186113	2.36	ng/ml	100

Compound uses ESTD

JPMo 7/13/96



Data File: >03103::G3 Quant Output File: ^03103::F3
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: 960702 00:13

Operator ID: TRFIL
Quant Time : 960705 17:16
Injected at: 960702 04:57

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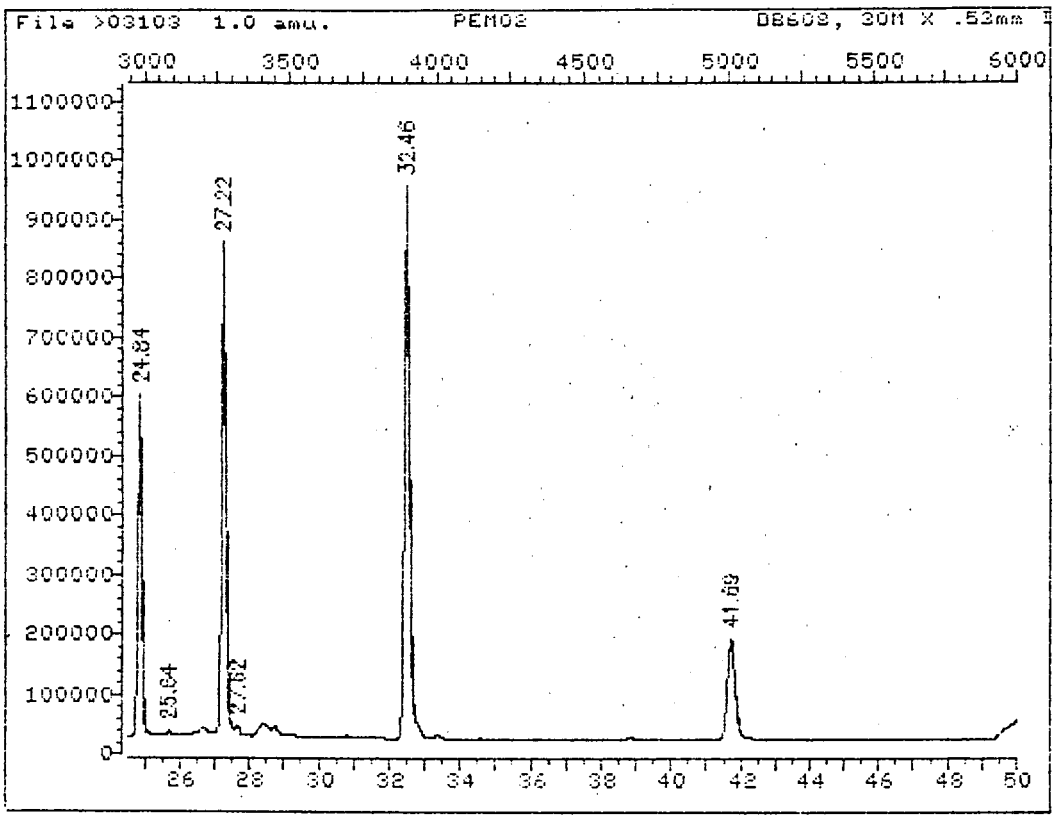

Data File: >03103::G3 Quant Output File: ^03103::F3
Name: PEM02 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960705 17:16
Injected at: 960702 04:57

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QUANT REPORT

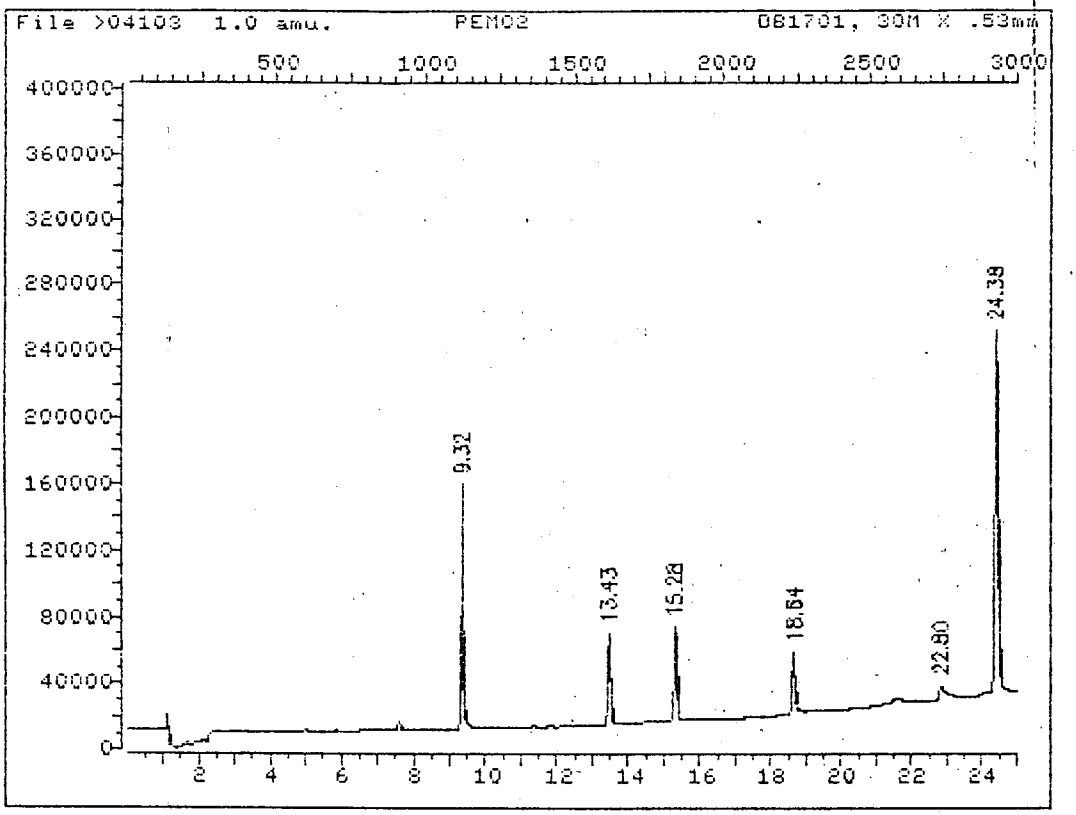
Operator ID: TRFIL Quant Rev: 7 Quant Time: 960702 22:10
Output File: ^04103::F3 Injected at: 960702 04:57
Data File: >04103::G5 Dilution Factor: 1.00000
Name: PEM02 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903. 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

	Compound	NG INJ	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	814681	19.67	ng/ml	100
2)	#alpha-BHC	0.010	13.43	1612	293138	8.95	ng/ml	100
3)	#beta-BHC	0.010	18.64	2237	236316	8.99	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.28	1834	299500	8.81	ng/ml	100
11)	#4,4'-DDE		22.80	2736	146439	5.28	ng/ml	100
12)	#Endrin	0.050	24.38	2925	1431121	49.37	ng/ml	100
14)	#4,4'-DDD		26.55	3186	68972	3.26	ng/ml	100
16)	#4,4'-DDT	0.100	27.44	3293	1591935	96.60	ng/ml	100
17)	#Methoxychlor	0.250	30.86	3703	3049405	226.96	ng/ml	100
18)	#Endrin ketone		32.95	3954	29280	1.04	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.73	4648	979457	20.97	ng/ml	100
20)	#Endrin aldehyde		28.89	3466	19960	.657	ng/ml	100

Compound uses ESTD

7/16/96



Data File: >04103::G5 Quant Output File: ^04103::F3
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: 960701 21:23

Operator ID: TRFIL
Quant.Time : 960702 22:10
Injected at: 960702 04:57

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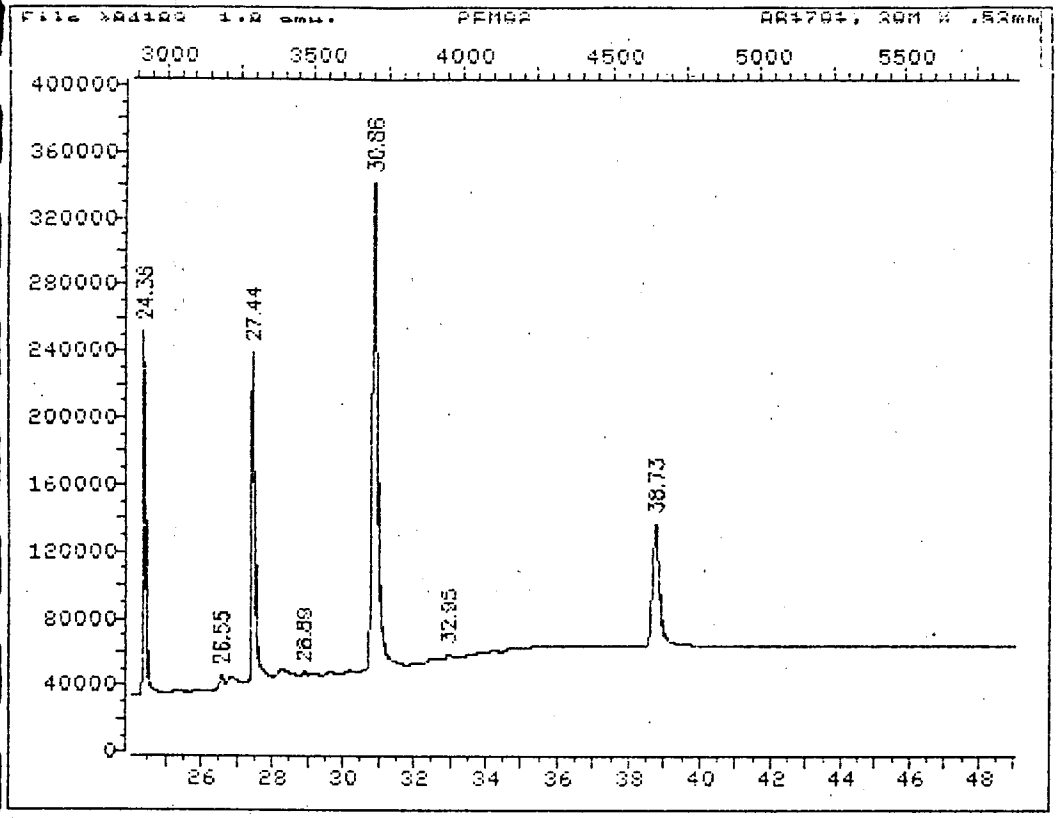

Data File: >04103::G5 Quant Output File: ^04103::F3
Name: PEM02 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:10
Injected at: 960702 04:57

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QUANT REPORT

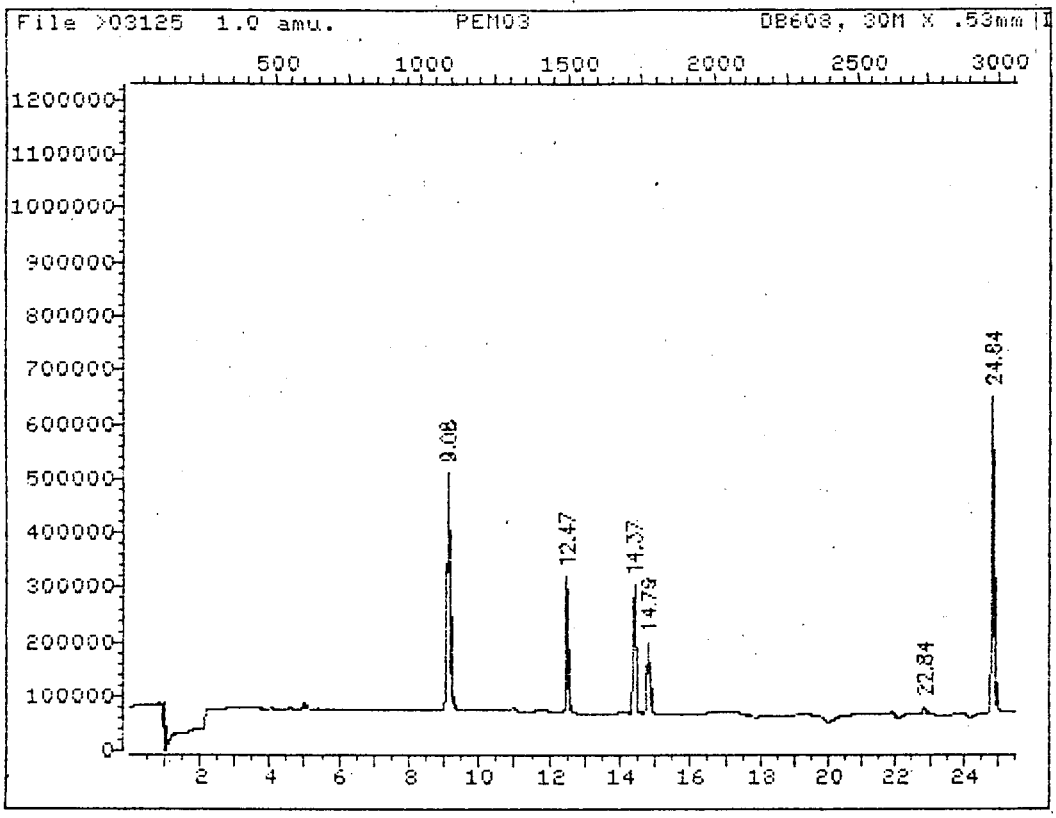
Operator ID: TRFIL
Quant Rev: 7
Quant Time: 960705 17:47
Output File: ^03125::F3
Injected at: 960703 01:50
Data File: >03125::G3
Dilution Factor: 1.00000
Name: PEM03
Instrument ID: GC03
Disc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960702 00:13

	Compound	NJ INJ	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2492498	19.92	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1497	1394820	9.42	ng/ml	100
3)	#beta-BHC	0.010	14.79	1775	779508	9.50	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.37	1724	1315479	9.63	ng/ml	100
11)	#4,4'-DDE		22.84	2741	104374	1.14	ng/ml	100
12)	#Endrin	0.050	24.84	2980	4090625	47.79	ng/ml	100
14)	#4,4'-DDD		25.64	3076	8997	.156	ng/ml	100
16)	#4,4'-DDT	0.100	27.21	3265	6375697	98.36	ng/ml	100
17)	#Methoxychlor	0.250	32.46	3895	8826674	227.35	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.68	5002	2694230	22.51	ng/ml	100

Compound uses ESTD

7/13/96



Data File: >03125::G3 Quant Output File: ^03125::F3
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: 960702 00:13

Operator ID: TRFIL
Quant Time : 960705 17:47
Injected at: 960703 01:50

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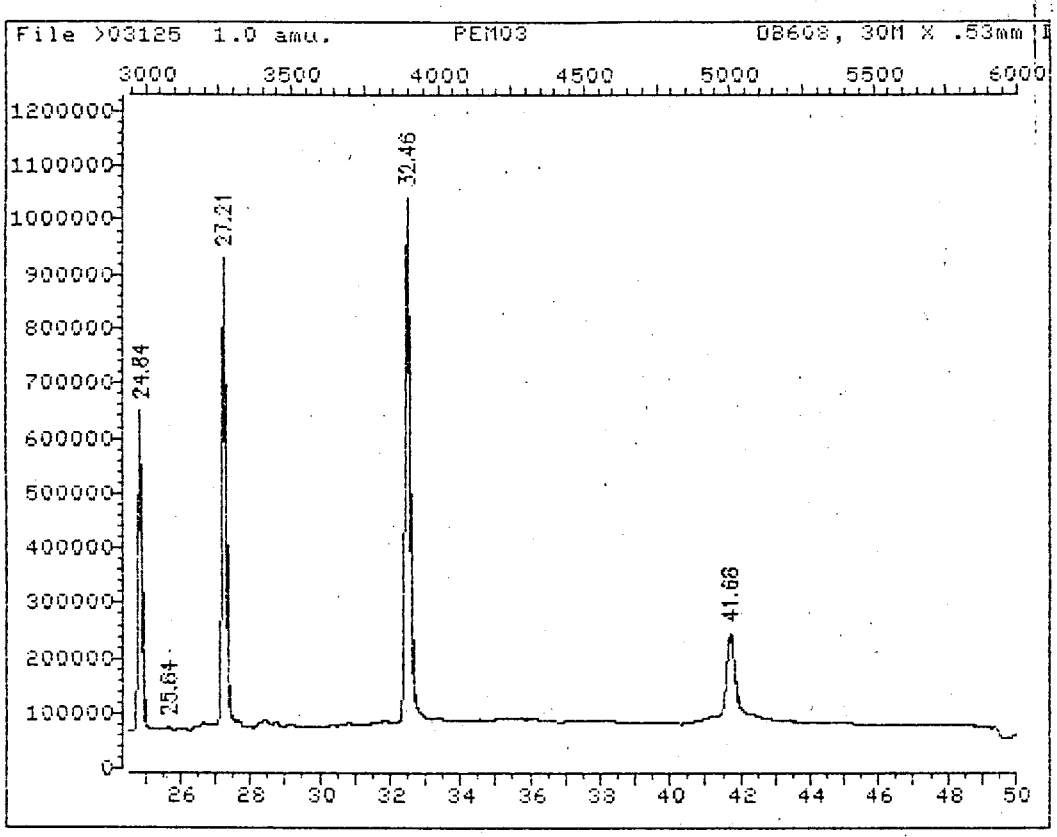

Data File: >03125::G3 Quant Output File: ^03125::F3
Name: PEM03 Instrument ID: GC03
Misc: DB608. 30M X .53mm INST 58903. 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960705 17:47
Injected at: 960703 01:50

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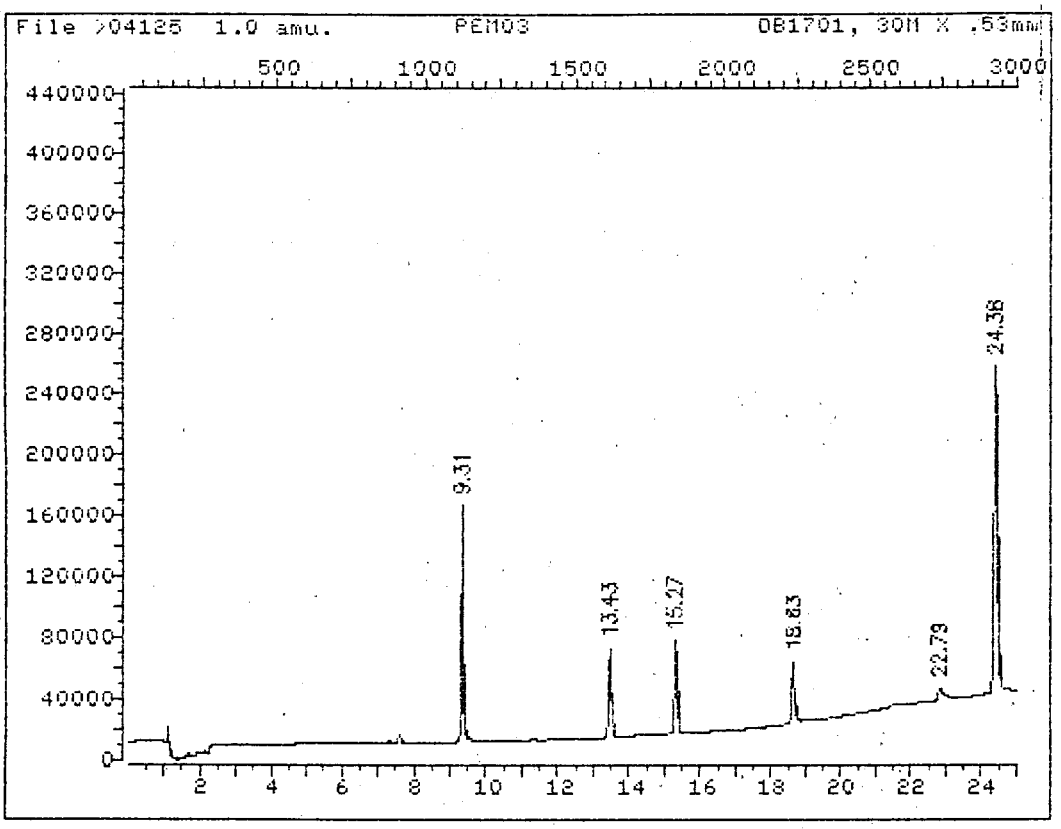
Operator ID: TRFIL Quant Rev: 7 Quant Time: 960708 12:20
Output File: ^04125::F3 Injected at: 960703 01:50
Data File: >04125::G5 Dilution Factor: 1.00000
Name: PEM03 Instrument ID: GC04
Disc: DB1701, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

	Compound	NG INJ	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	842174	20.34	ng/ml	100
2)	#alpha-BHC	0.010	13.43	1612	303801	9.27	ng/ml	100
3)	#beta-BHC	0.010	18.63	2236	311767	11.87	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1833	313189	9.21	ng/ml	100
11)	#4,4'-DDE		22.79	2735	100853	3.63	ng/ml	100
12)	#Endrin	0.050	24.38	2925	1425578	49.18	ng/ml	100
14)	#4,4'-DDD		26.54	3185	127490	6.03	ng/ml	100
16)	#4,4'-DDT	0.100	27.44	3292	1679114	101.89	ng/ml	100
17)	#Methoxychlor	0.200	30.86	3703	3259867	242.19	ng/ml	100
18)	#Endrin ketone		32.95	3954	21901	.778	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.72	4646	914333	19.58	ng/ml	100
20)	#Endrin aldehyde		28.89	3466	16811	.553	ng/ml	100

Compound uses ESTD

7/16/96



Data File: >04125::G5 Quant Output File: ^04125::F3
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: 960701 21:23

Operator ID: TRFIL
Quant Time : 960708 12:20
Injected at: 960703 01:50

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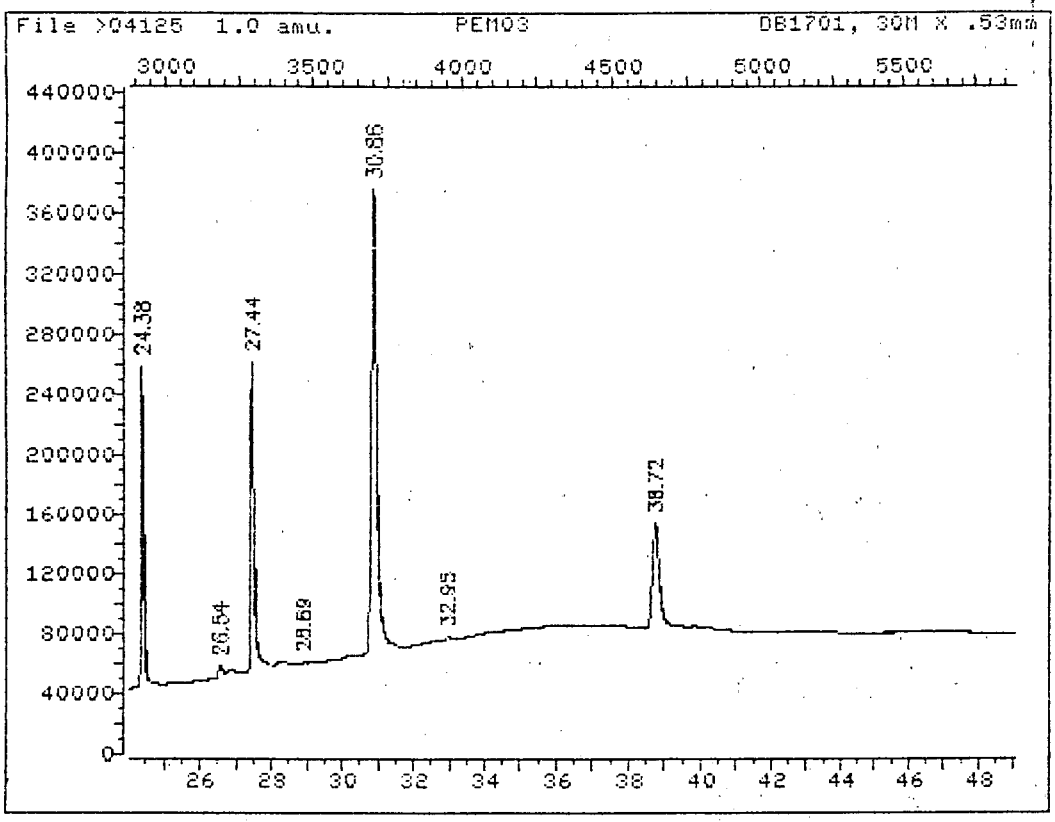

Data File: >04125::G5 Quant Output File: ^04125::F3
Name: PEM03 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58905, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960708 12:20
Injected at: 960703 01:50

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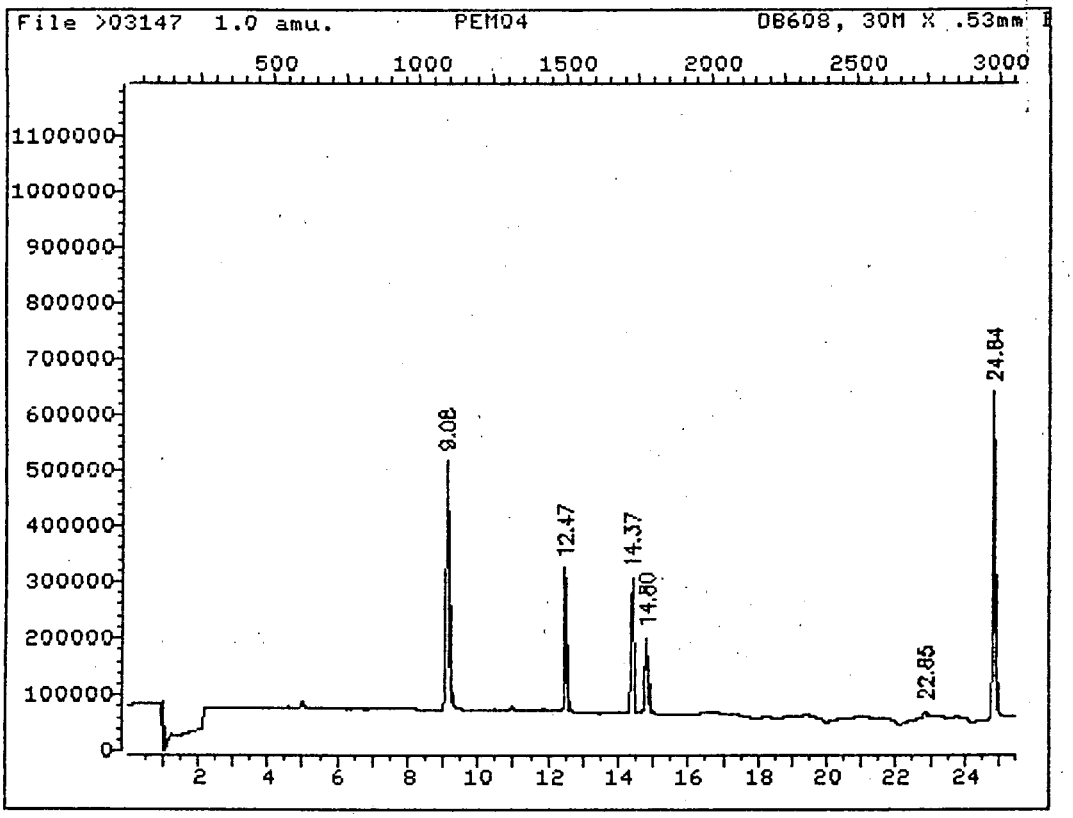
QUANT REPORT

Operator ID: TRFIL Quant Rev: 7 Quant Time: 960715 12:22
Output File: ^03147::GQ Injected at: 960704 01:12
Data File: >03147::G3 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: 960702 00:13

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2522534	20.16	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1497	1418350	9.58	ng/ml	100
3)	#beta-BHC	0.010	14.80	1776	781687	9.52	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.37	1724	1325335	9.70	ng/ml	100
11)	#4,4'-DDE		22.85	2742	109085	1.19	ng/ml	100
12)	#Endrin	0.050	24.84	2980	4154452	48.54	ng/ml	100
14)	#4,4'-DDD		25.64	3077	16235	.282	ng/ml	100
16)	#4,4'-DDT	0.100	27.21	3265	6422063	99.08	ng/ml	100
17)	#Methoxychlor	0.250	32.47	3896	8967362	230.97	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.69	5003	2312792	19.32	ng/ml	100

Compound uses ESTD



Data File: >03147::G3 Quant Output File: ^03147::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: 960702 00:13

Operator ID: TRFIL
Quant Time : 960715 12:22
Injected at: 960704 01:12

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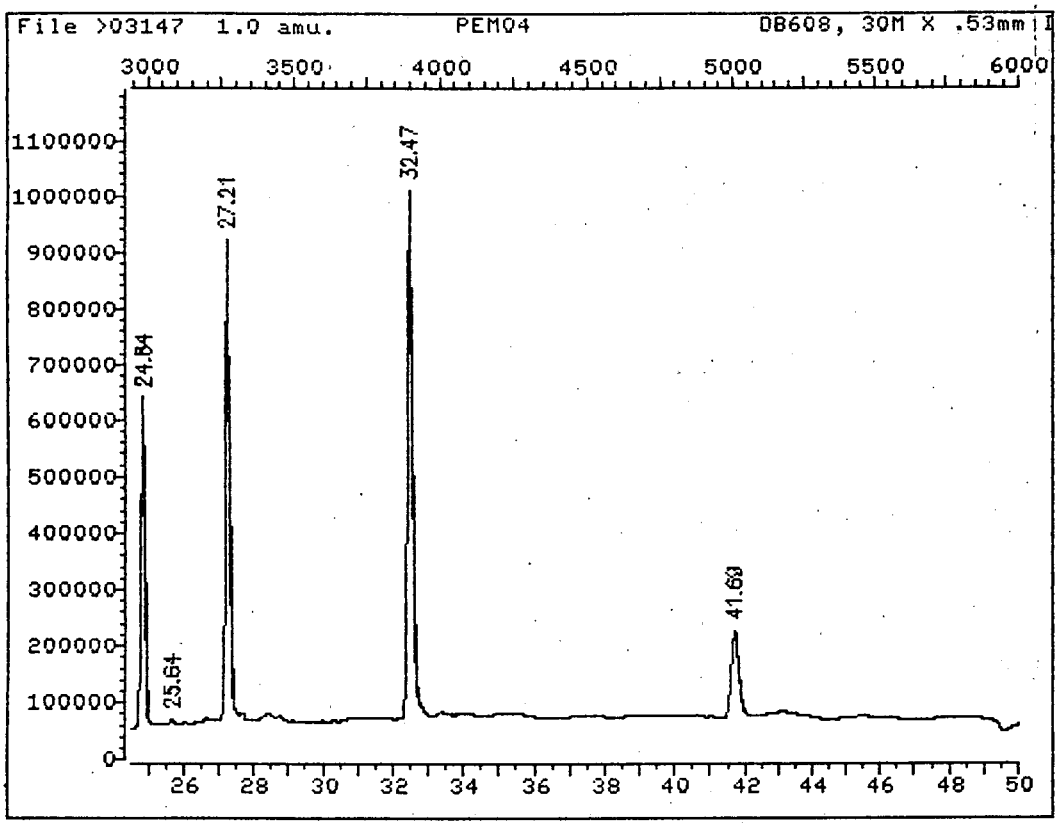

Data File: >03147::G3 Quant Output File: ^03147::GQ
Name: PEM04 Instrument ID: GC03
Misc: DB608. 30M X .53mm INST 58903. 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960715 12:22
Injected at: 960704 01:12

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QUANT REPORT

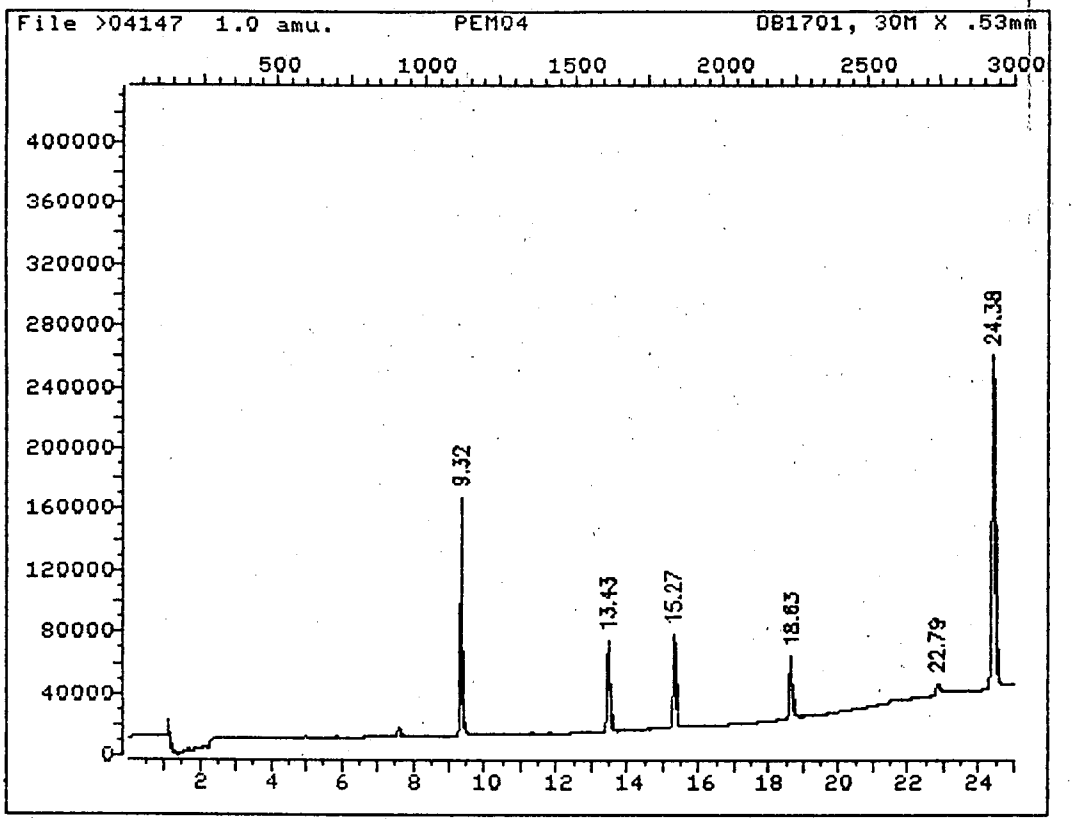
Operator ID: TRFIL Quant Rev: 7 Quant Time: 960715 12:25
Output File: ^04147::GQ Injected at: 960704 01:12
Data File: >04147::G5 Dilution Factor: 1.00000
Name: PEM04 Instrument ID: GC04
Disc: DB1701, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

	Compound	Ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	838281	20.24	ng/ml	100
2)	#alpha-BHC	0.010	13.43	1612	305414	9.32	ng/ml	100
3)	#beta-BHC	0.010	18.63	2236	295115	11.23	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1833	314004	9.23	ng/ml	100
11)	#4,4'-DDE		22.79	2735	95033	3.42	ng/ml	100
12)	#Endrin	0.050	24.38	2925	1414818	48.81	ng/ml	100
14)	#4,4'-DDD		26.54	3185	71329	3.38	ng/ml	100
16)	#4,4'-DDT	0.100	27.44	3293	1641038	99.58	ng/ml	100
17)	#Methoxychlor	0.250	30.86	3703	3109369	231.01	ng/ml	100
18)	#Endrin ketone		32.96	3955	23153	.822	ng/ml	100
19)	#Decachlorobiphenyl	0.200	38.73	4648	932281	19.96	ng/ml	100
30)	#Endrin aldehyde		28.89	3466	19151	.630	ng/ml	100

Compound uses ESTD

7/16/96



Data File: >04147::G5 Quant Output File: ^04147::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: 960701 21:23

Operator ID: TRFIL
Quant Time : 960715 12:25
Injected at: 960704 01:12

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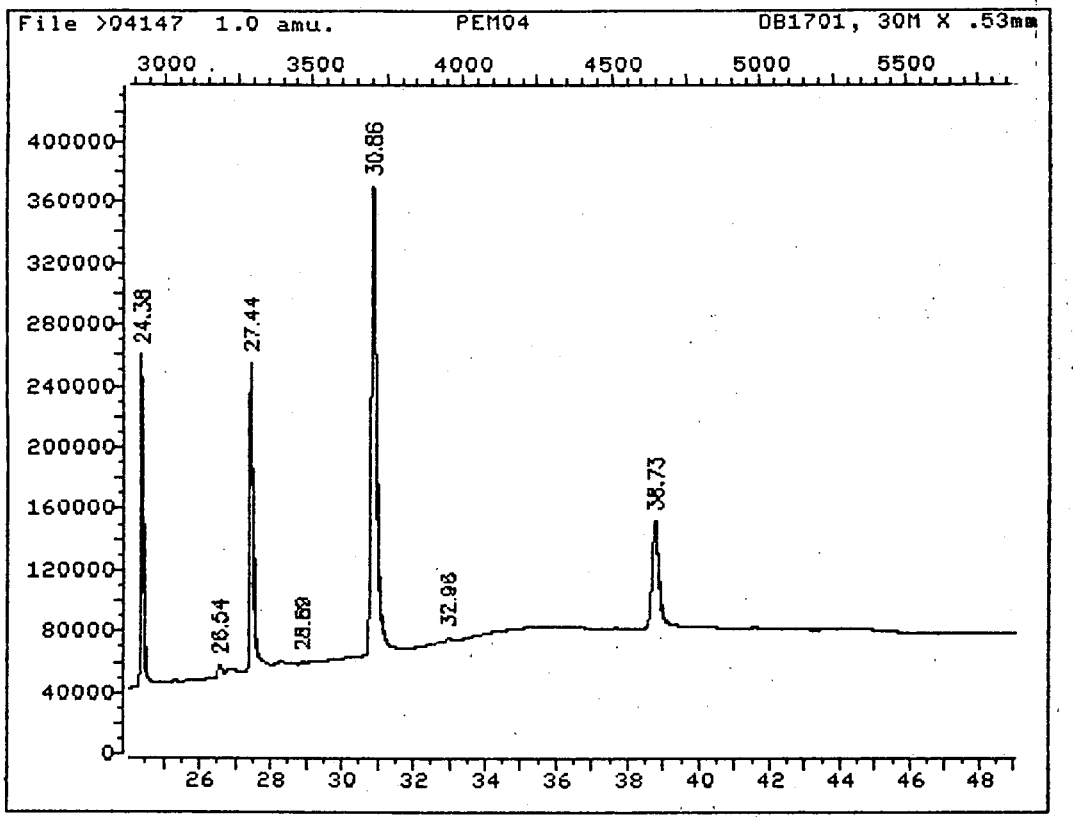

Data File: >04147::G5 Quant Output File: ^04147::GQ
Name: PEM04 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960715 12:25
Injected at: 960704 01:12

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QUANT REPORT

Operator ID: TRFIL
Output File: ^03149::F3
Data File: >03149::G3
Name: PEM0~~1~~5 LP
Desc: DB608, 30M X .53mm INST 58903, 1ul INJ

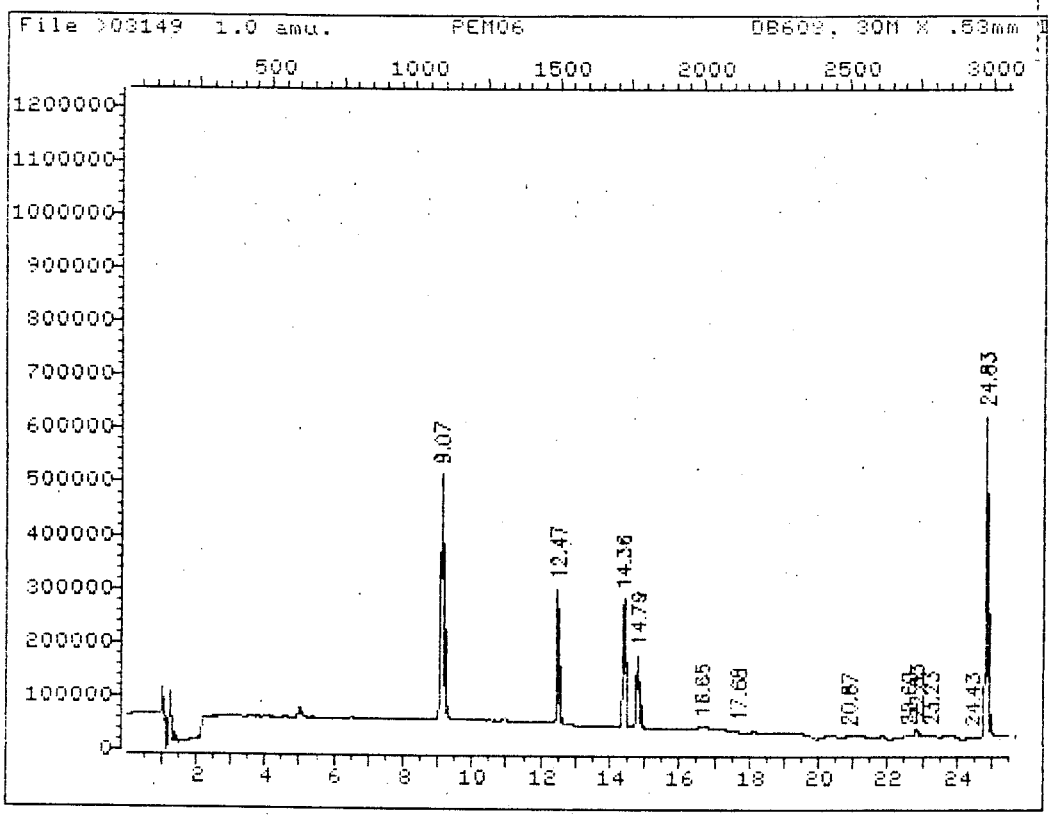
Quant Rev: 7
Quant Time: 960706 13:31
Injected at: 960706 12:38
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960702 00:13

Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	0.020	9.07	1089	2625262	20.98	ng/ml	100
2) #alpha-BHC	0.010	12.47	1497	1482653	10.02	ng/ml	100
3) #beta-BHC	0.010	14.79	1775	793073	9.66	ng/ml	100
5) #gamma-BHC (Lindane)	0.010	14.36	1723	1335557	9.77	ng/ml	100
11) #4,4'-DDE		22.83	2739	96369	1.05	ng/ml	100
12) #Endrin	0.050	24.83	2979	4256346	49.73	ng/ml	100
14) #4,4'-DDD		25.63	3075	34503	.599	ng/ml	100
16) #4,4'-DDT	0.100	27.20	3264	6772450	104.49	ng/ml	100
17) #Methoxychlor	0.250	32.44	3893	9506944	239.72	ng/ml	100
19) #Decachlorobiphenyl	0.020	41.67	5000	2455295	20.51	ng/ml	100
20) #Endrin aldehyde		27.61	3313	103678	1.31	ng/ml	100

Compound uses ESTD

E Pina
7/9/96



Data File: >03149::G3 Quant Output File: ^03149::F3
Name: PEM0~~6~~5 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: 960702 00:13

Operator ID: TRFIL
Quant Time : 960706 13:31
Injected at: 960706 12:38

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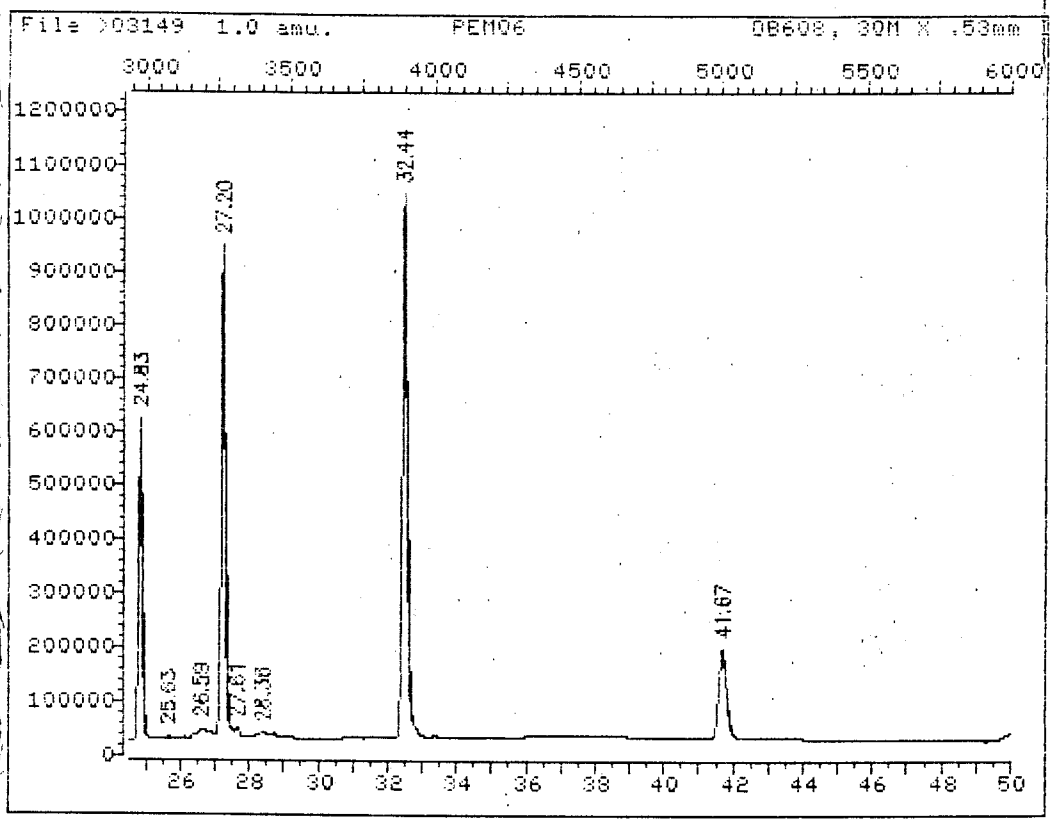

Data File: >03149::G3 Quant Output File: ^03149::F3
Name: PEM0~~6~~5 EP Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960706 13:31
Injected at: 960706 12:38

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QUANT REPORT

Operator ID: TRFIL
Output File: ^04149::F3
Data File: >04149::G5
Name: PEM05
Disc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960706 13:29
Injected at: 960706 12:38
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	873720	21.10	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1611	293459	8.96	ng/ml	100
3)	#beta-BHC	0.010	18.63	2235	262522	9.99	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1833	305684	8.99	ng/ml	100
11)	#4,4'-DDE		22.78	2733	65006	2.34	ng/ml	100
12)	#Endrin	0.050	24.37	2924	1467571	50.63	ng/ml	100
14)	#4,4'-DDD		26.53	3183	68671	3.25	ng/ml	100
16)	#4,4'-DDT	0.100	27.43	3291	1761643M	106.90	ng/ml	100
17)	#Methoxychlor	0.250	30.84	3701	3432211	255.00	ng/ml	100
18)	#Endrin ketone		32.94	3953	20763	.737	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.70	4644	965720	20.68	ng/ml	100
30)	#Endrin aldehyde		28.87	3464	23532	.774	ng/ml	100

Compound uses ESTD

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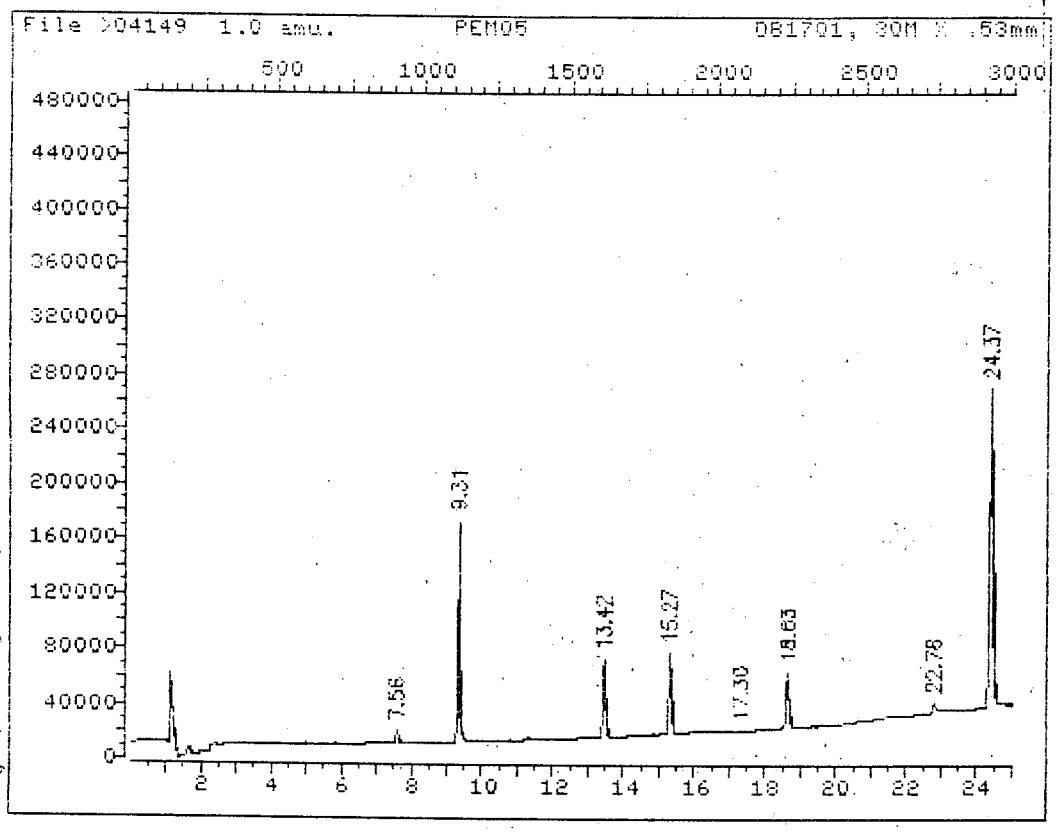

Data File: >04149::G5 Quant Output File: ^04149::F3
Name: PEM05 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960706 13:29
Injected at: 960706 12:38

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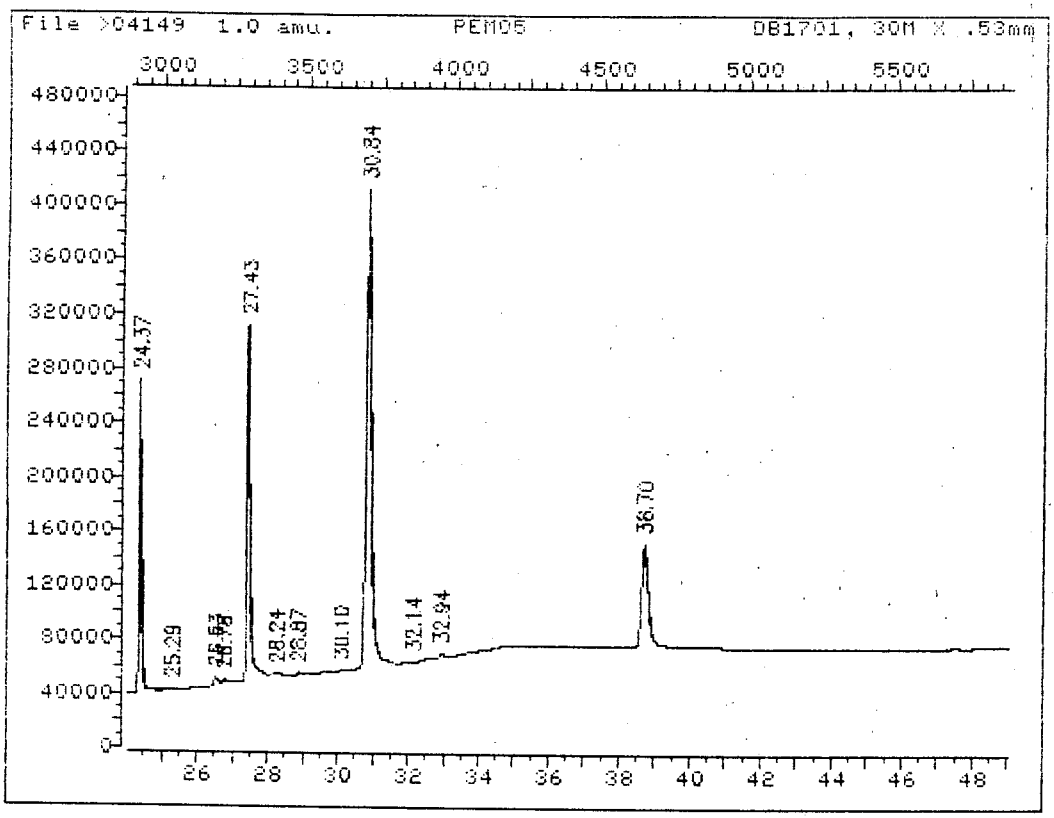

Data File: >04149::G5 Quant Output File: ^04149::F3
Name: PEM05 Instrument ID: GC04
Misc: DB1701. 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960706 13:29
Injected at: 960706 12:38

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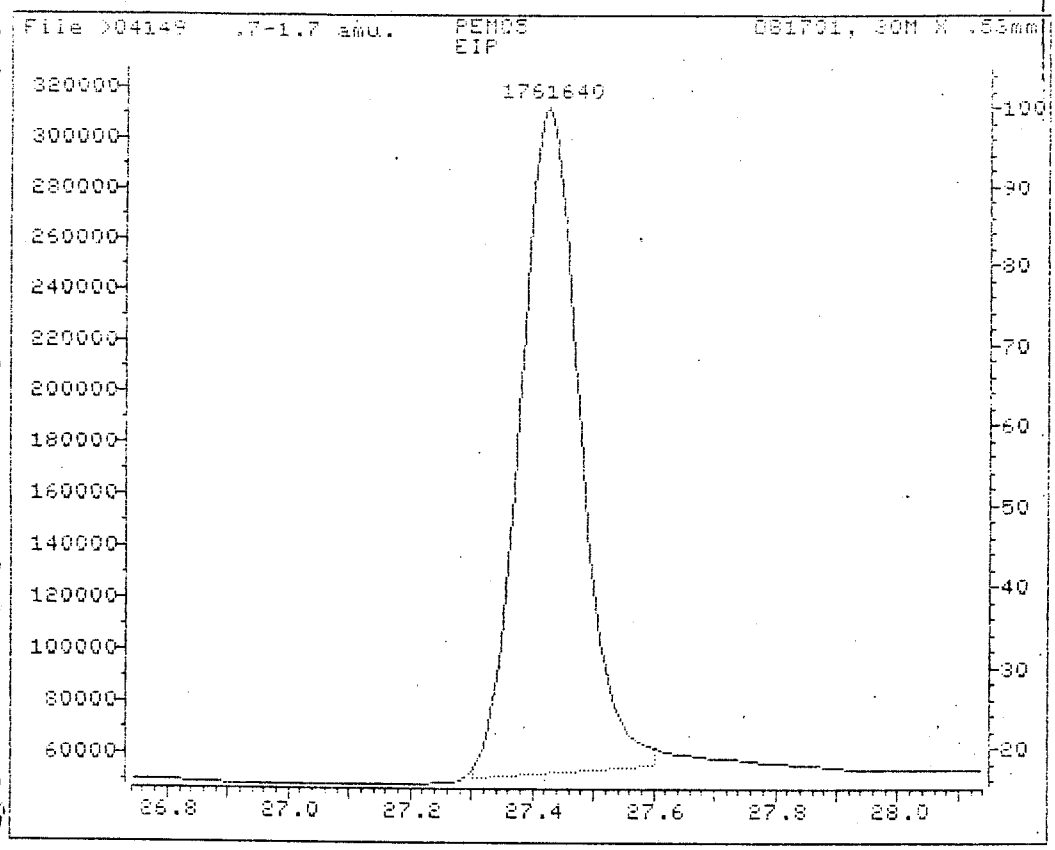
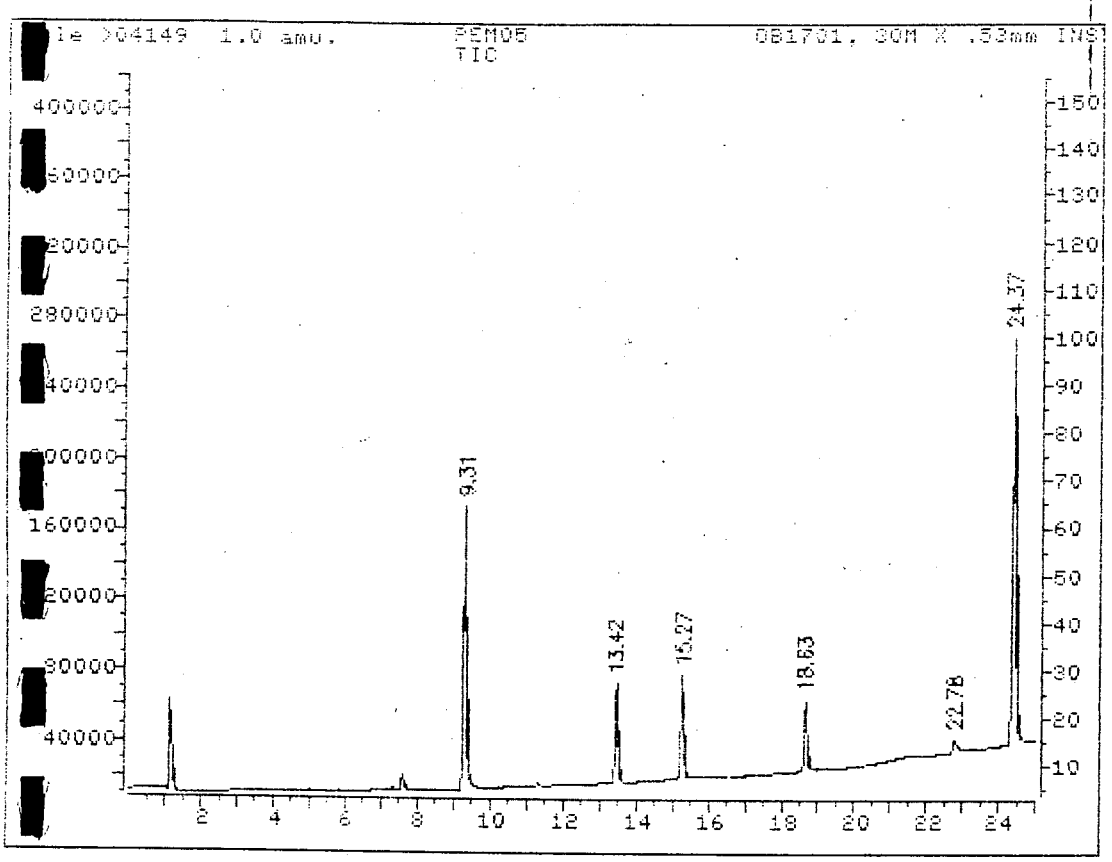


Data File: >04149::G5 Quant Output File: ^04149::F3
Name: PEM05 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ
Quant Time: 960706 13:29 Quant ID File: IDCAP2::SC
Injected at: 960706 12:38 Last Calibration: 941029 10:07

Compound No: 16
Compound Name: 4,4'-DDT
Scan Number: 3291
Retention Time: 27.43 min.
Quant Ion: 1.0
Area: 1761643M
Concentration: 106.90 ng/ml
q-value: 100

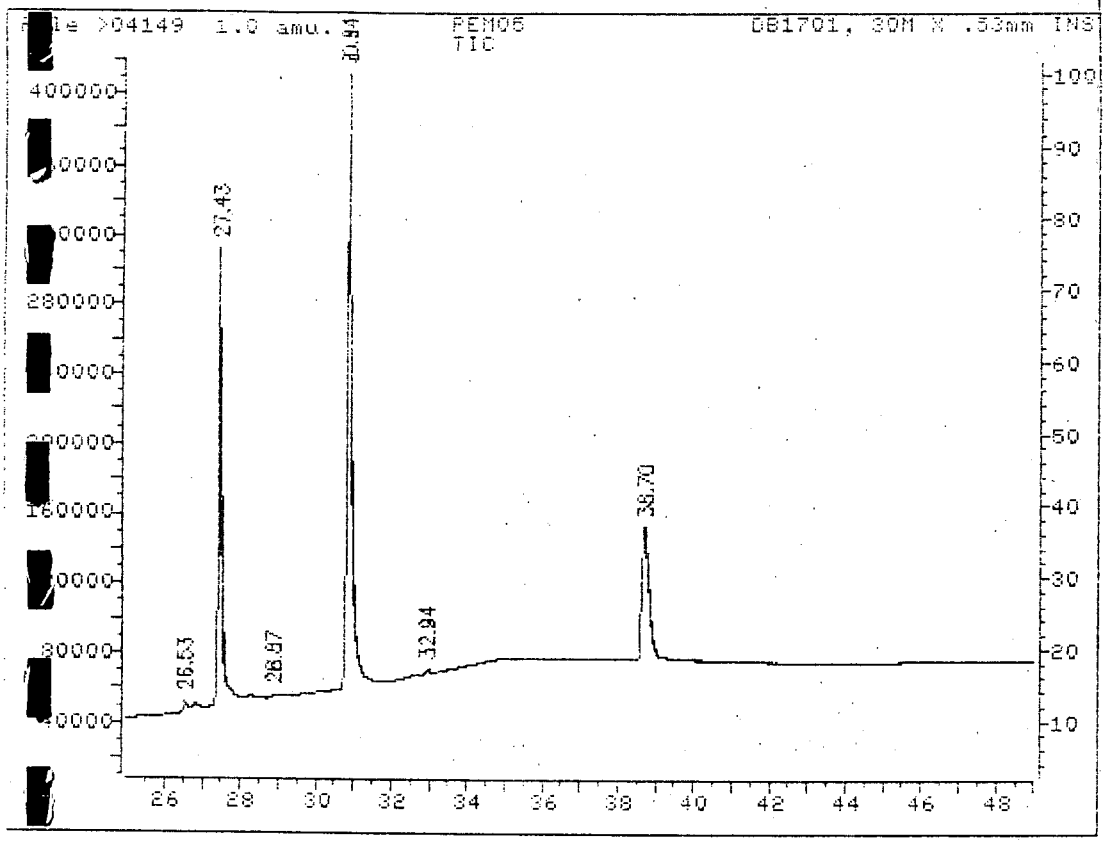
This report was produced by QAREA on: 960709 13:47



MS data file header from : >04149::G5

Sample: PEM05 Operator: TRFIL 7/06/96 12:38
Disc : 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 : >04149::G5

Sample: PEM05 Operator: TRFIL 7/06/96 12:38
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

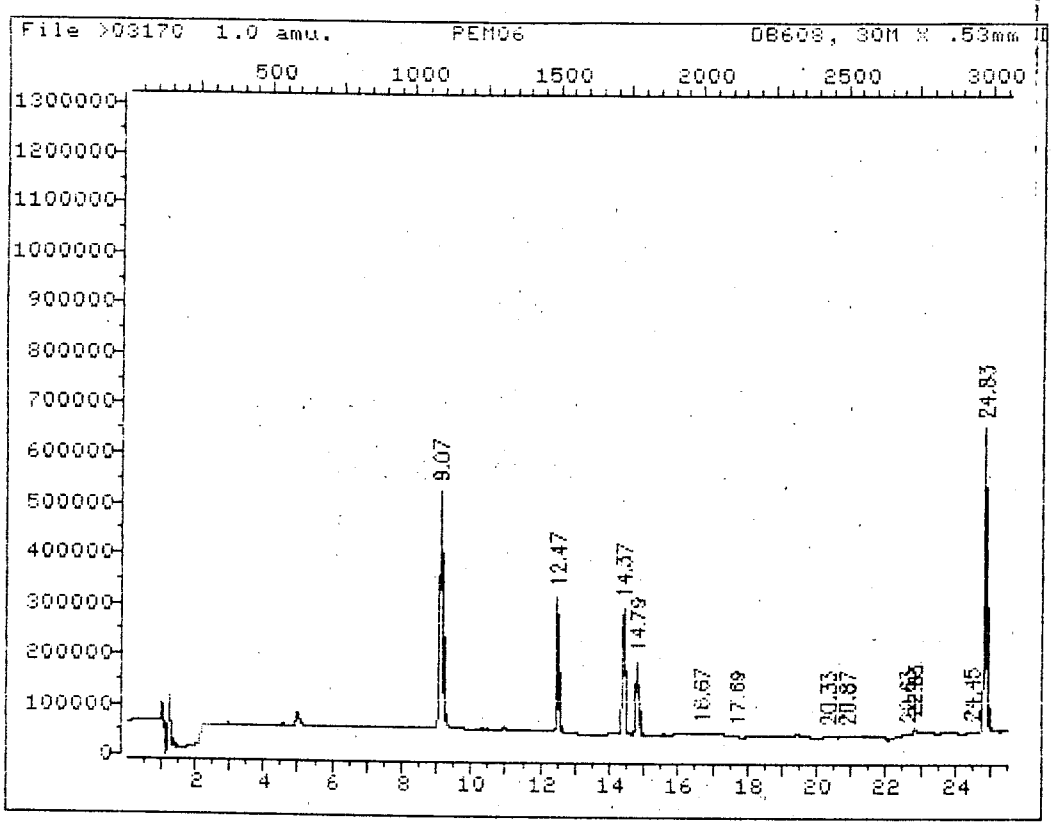
Operator ID: TRFIL Quant Rev: 7 Quant Time: 960707 09:25
Output File: ^03170::F3 Injected at: 960707 08:32
Data File: >03170::G3 Dilution Factor: 1.00000
Name: PEM06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	0.020	9.07	1089	2730299	21.82	ng/ml	100
2) #alpha-BHC	0.010	12.47	1497	1504540	10.16	ng/ml	100
3) #beta-BHC	0.010	14.79	1775	822253	10.02	ng/ml	100
5) #gamma-BHC (Lindane)	0.010	14.37	1724	1410933	10.32	ng/ml	100
11) #4,4'-DDE		22.83	2740	69918	.764	ng/ml	100
12) #Endrin	0.050	24.83	2979	4215301	49.25	ng/ml	100
14) #4,4'-DDD		25.63	3075	62742	1.09	ng/ml	100
16) #4,4'-DDT	0.100	27.21	3265	6770469	104.45	ng/ml	100
17) #Methoxychlor	0.250	32.45	3894	9029118	232.56	ng/ml	100
19) #Decachlorobiphenyl	0.020	41.67	5000	2252607	18.82	ng/ml	100

Compound uses ESTD

E Ruiz
7/9/96



Data File: >03170::G3 Quant Output File: ^03170::F3
Name: PEM06 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: 960702 00:13

Operator ID: TRFIL
Quant Time : 960707 09:25
Injected at: 960707 08:32

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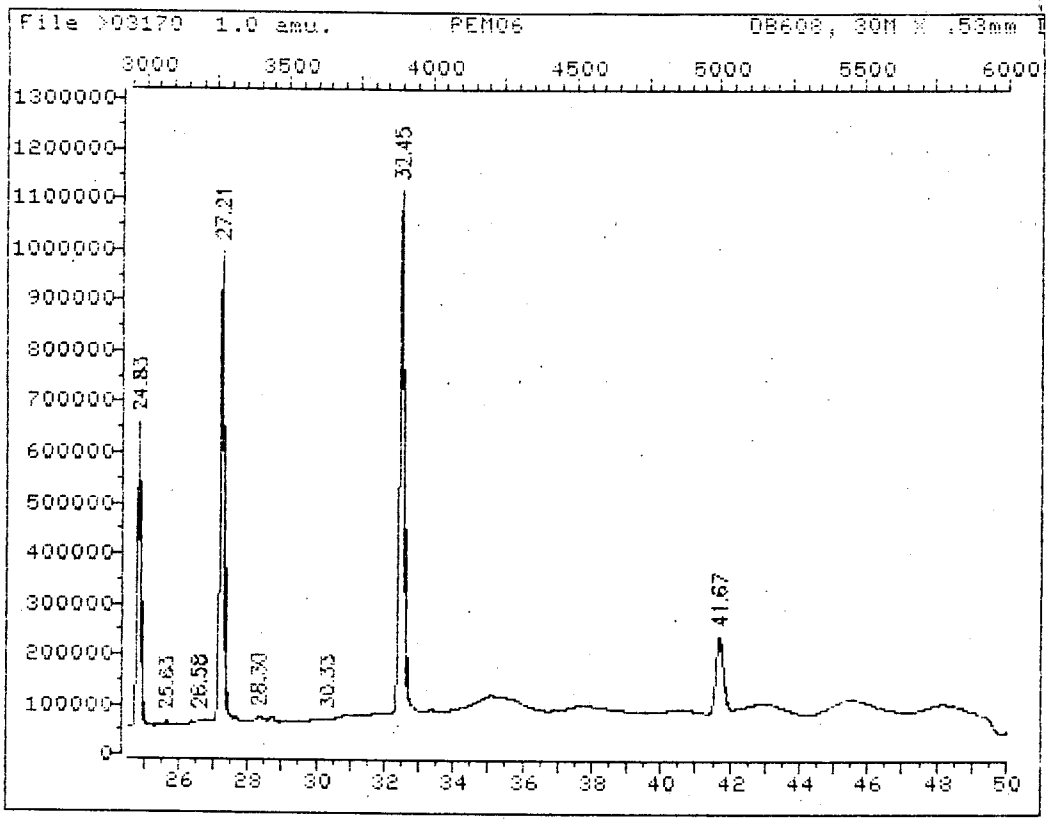

Data File: >03170::G3 Quant Output File: ^03170::F3
Name: PEM06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960707 09:25
Injected at: 960707 08:32

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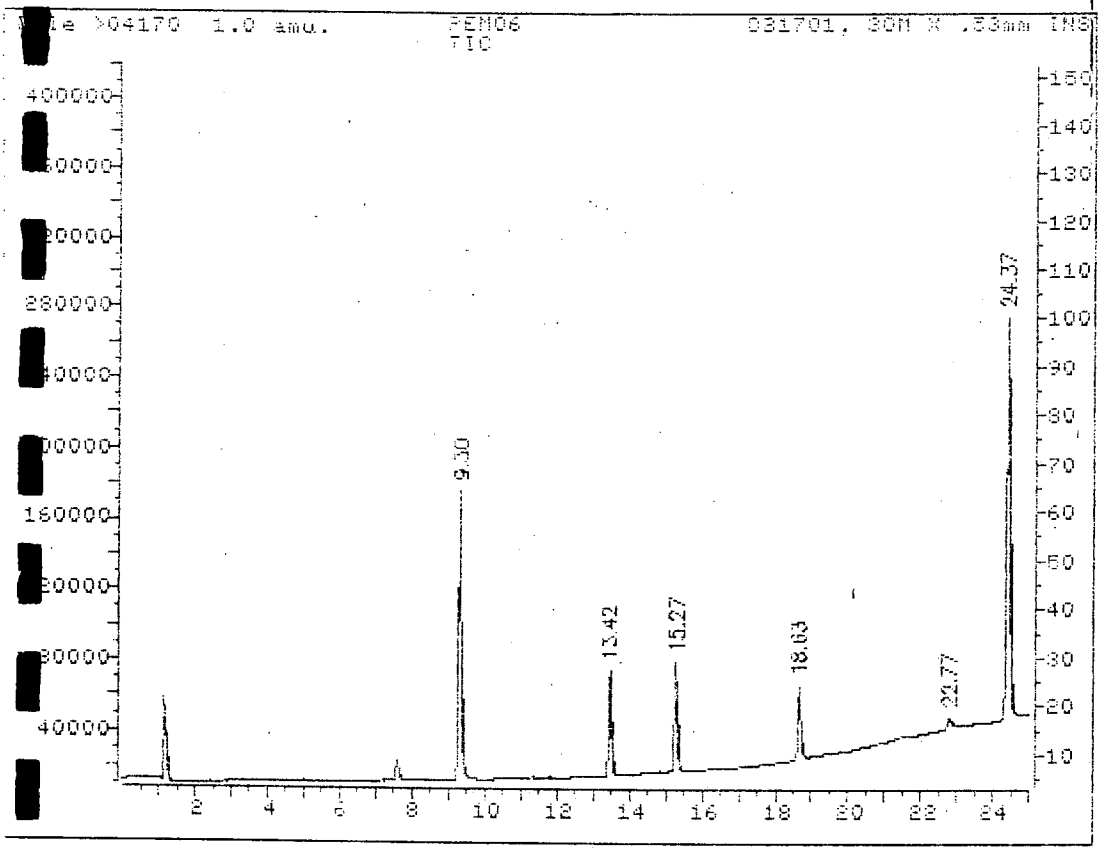
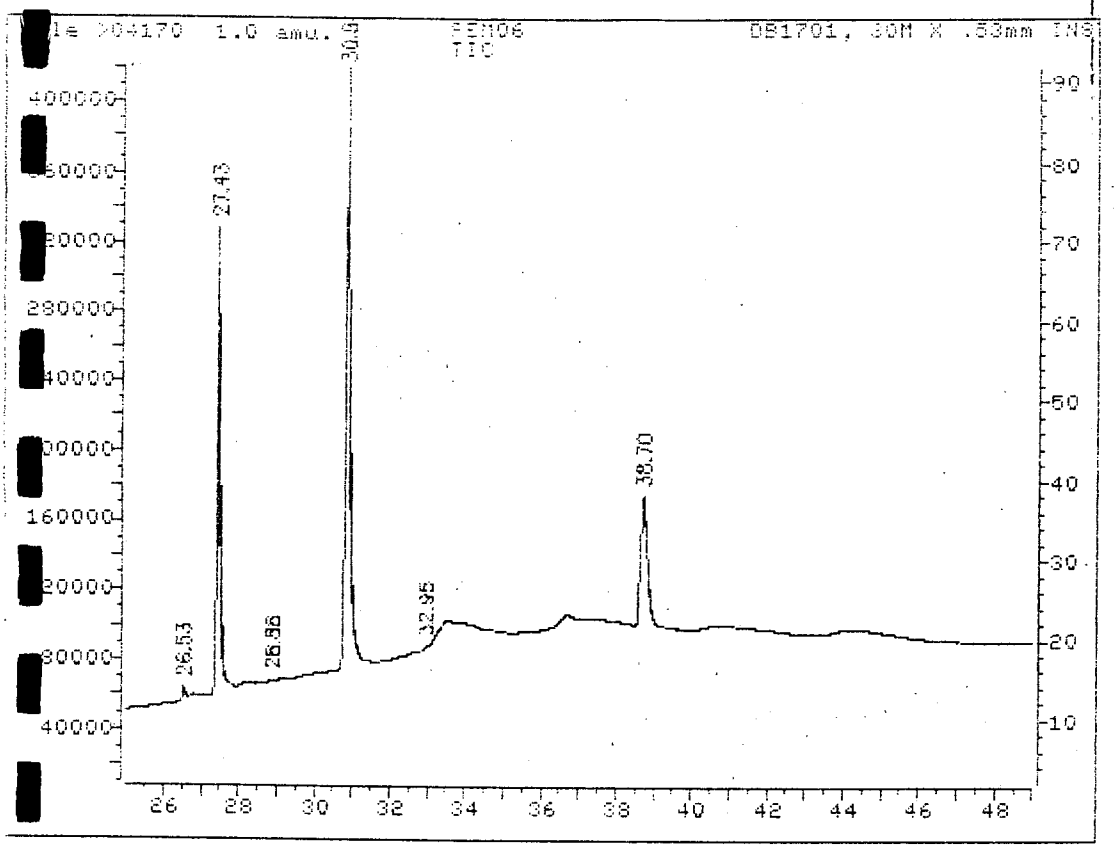


MS data file header from : >04170::G5

ample: PEM06 Operator: TRFIL 7/07/96 8:32
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 : >04170::G5

ample: PEM06 Operator: TRFIL 7/07/96 8:32
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: TRFIL
Output File: >04170::F3
Data File: >04170::G5
Name: PEM06
Disc: DB1701. 30M X .53mm INST 58903. 1ul INJ

Quant Rev: 7
Quant Time: 960707 09:23
Injected at: 960707 08:32
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960701 21:23

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	890437	21.50	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1611	307269	9.38	ng/ml	100
3)	#beta-BHC	0.010	18.63	2235	310478	11.82	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1833	319512	9.40	ng/ml	100
11)	#4,4'-DDE		22.77	2732	142830	5.15	ng/ml	100
12)	#Endrin	0.050	24.37	2924	1441338	49.72	ng/ml	100
14)	#4,4'-DDD		26.53	3183	132175	6.26	ng/ml	100
16)	#4,4'-DDT	0.100	27.43	3291	1977142	119.98	ng/ml	100
17)	#Methoxychlor	0.250	30.84	3701	3382598	251.31	ng/ml	100
18)	#Endrin ketone		32.95	3954	135880	4.83	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.70	4644	922635	19.76	ng/ml	100
30)	#Endrin aldehyde		28.88	3465	19752	.650	ng/ml	100

Compound uses ESTD

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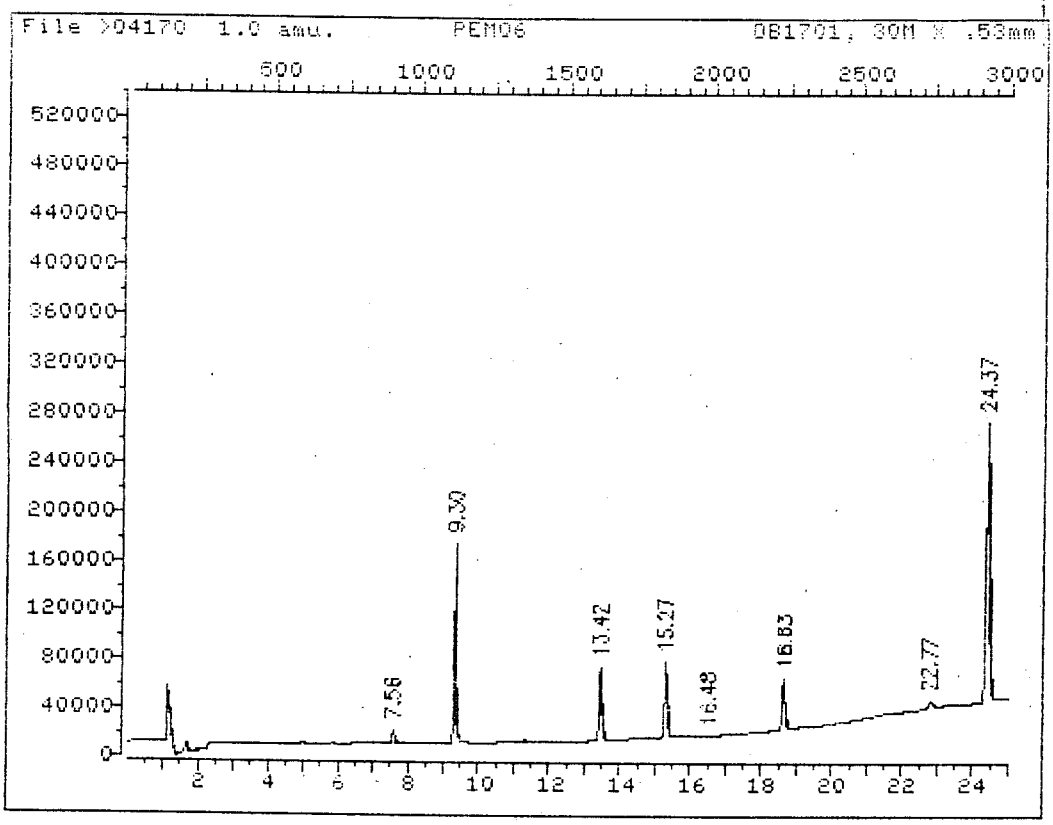
7/9/96



Data File: >04170::G5 Quant Output File: ^04170::F3
Name: PEM06 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: 960701 21:23

Operator ID: TRFIL
Quant Time : 960707 09:23
Injected at: 960707 08:32

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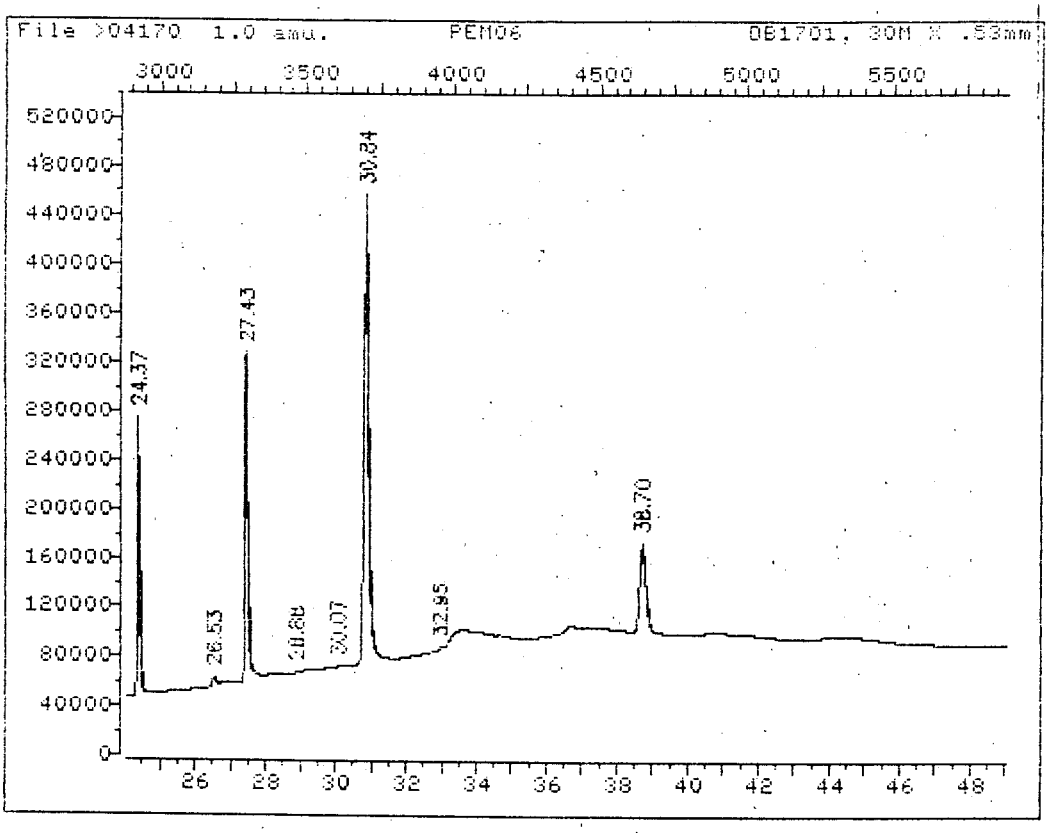

Data File: >04170::G5 Quant Output File: ^04170::F3
Name: PEM06 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960707 09:23
Injected at: 960707 08:32

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QUANT REPORT

Operator ID: TRFIL Quant Rev: 7 Quant Time: 960709.16:29
Output File: 03216::F3 Injected at: 960709 14:09
Data File: 03216::S3 Dilution Factor: 1.00000
Name: FSM07 Instrument ID: SC05
Misc: DB608, 30M X .53mm INST FS903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941028 10:07 Last Cool Time: 960702 00:15

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.09	1091	2623624	20.97	ng/ml	100
2)	#alpha-BHC	0.010	12.49	1499	1616059	10.92	ng/ml	100
3)	#beta-BHC	0.010	14.90	1776	265697	10.52	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.37	1725	1431891	10.48	ng/ml	100
11)	#4,4'-DDE		22.35	2740	39883	.436	ng/ml	100
12)	#Endrin	0.050	24.54	2980	4547777	53.13	ng/ml	100
14)	#4,4'-DDD		25.43	3075	97284	1.69	ng/ml	100
16)	#4,4'-DDT	0.100	27.21	3265	7113006	109.74	ng/ml	100
17)	#Methoxychlor	0.250	32.45	3894	9442052	243.20	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.68	5002	2428617	20.29	ng/ml	100

Compound uses ESTD

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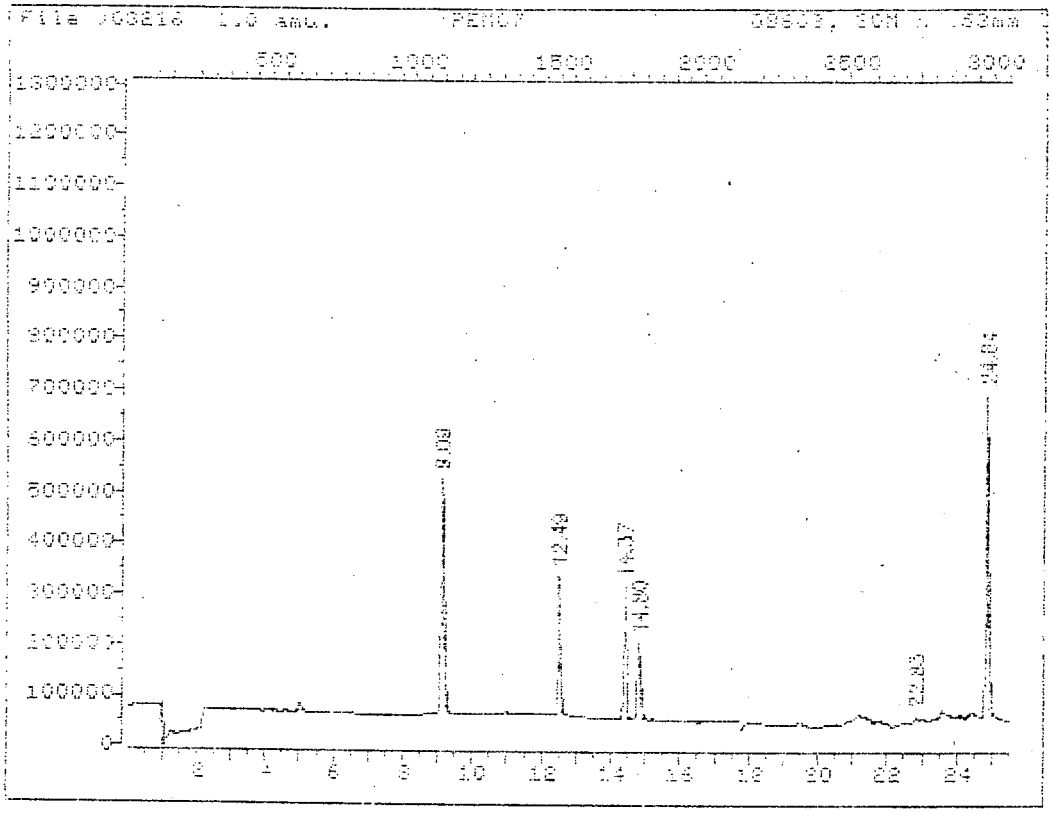
7/13/96



Data File: >03216::G3 Quant Output File: ^03216::F3
Name: PEM07 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 59905, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960709 16:29
Injected at: 960709 14:09

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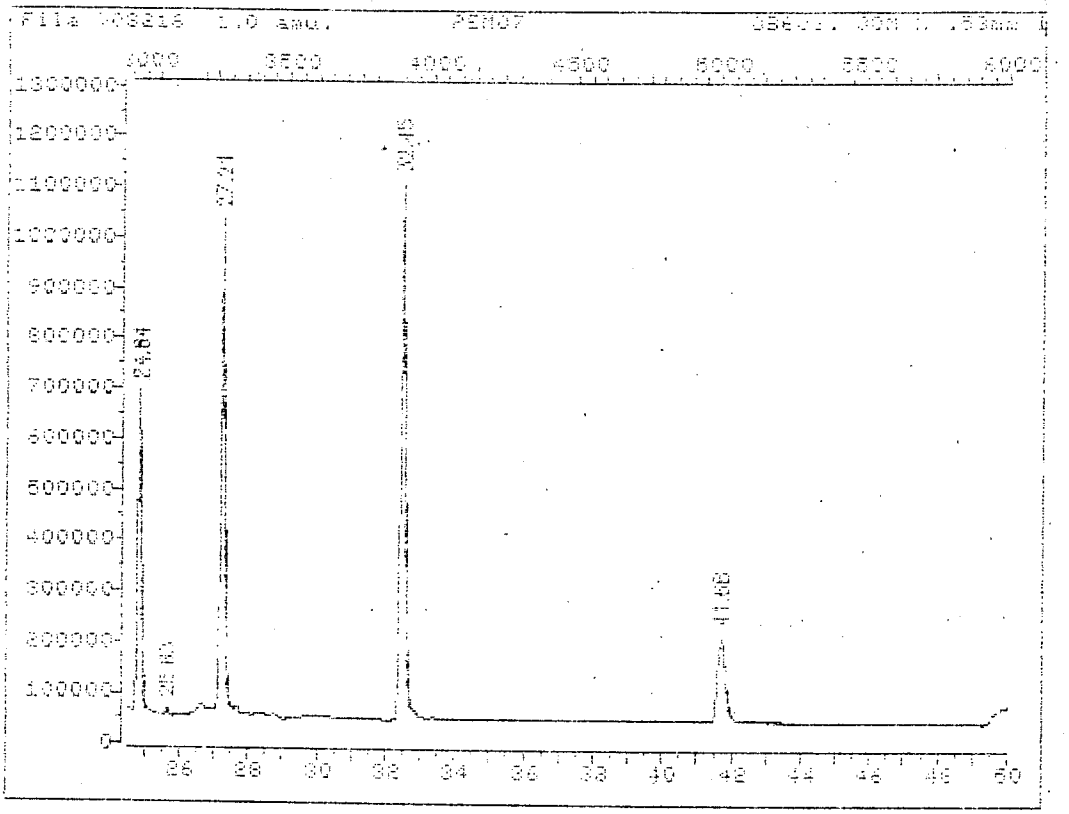

Data File: >03216::GF
Name: PEM07
Misc: DB608. 30M X .53mm INST 58903. 1ul INJ

Quant Output File: >03216::F3
Instrument ID: GC03

Id File: IDCAP1::SC
Title: Capillary Column ID 608
Last Calibration: 941029 10:07

Last Cal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960709 16:29
Injected at: 960709 14:39

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QUANT REPORT

Operator ID: TRFL Quant Rev: 7 Quant Time: 960709 16:27
Output File: 104216.FS Injected at: 960709 14:09
Data File: 104216.D1 Dilution Factor: 1.00000
Name: PEM07 Instrument ID: GC04
Misc: DB1701 30M x .53mm 1053903 1ul inj.

ID File: ICCAPZ.SC
Title: Capillary Column DB1701
Last Calibration: 941021 13:07 Last Scan Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	855931	20.67	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1611	307037	9.57	ng/ml	100
3)	#beta-BHC	0.010	18.63	2236	272706	10.39	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1833	321092	9.44	ng/ml	100
11)	#4,4'-DDE	0.010	22.77	2732	98080	2.09	ng/ml	100
12)	#Endrin	0.050	24.78	2125	1507777	52.31	ng/ml	100
14)	#4,4'-DDD		26.84	3194	131657	6.23	ng/ml	100
16)	#4,4'-DDT	0.100	27.43	3291	1681487	102.03	ng/ml	100
17)	#Methoxychlor	0.250	30.84	3701	5140317	233.31	ng/ml	100
18)	#Endrin ketone		32.96	3953	37814	1.34	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.73	4647	919159	19.68	ng/ml	100
30)	#Endrin aldehyde		28.87	3464	12146	.400	ng/ml	100

Compound uses ISTD

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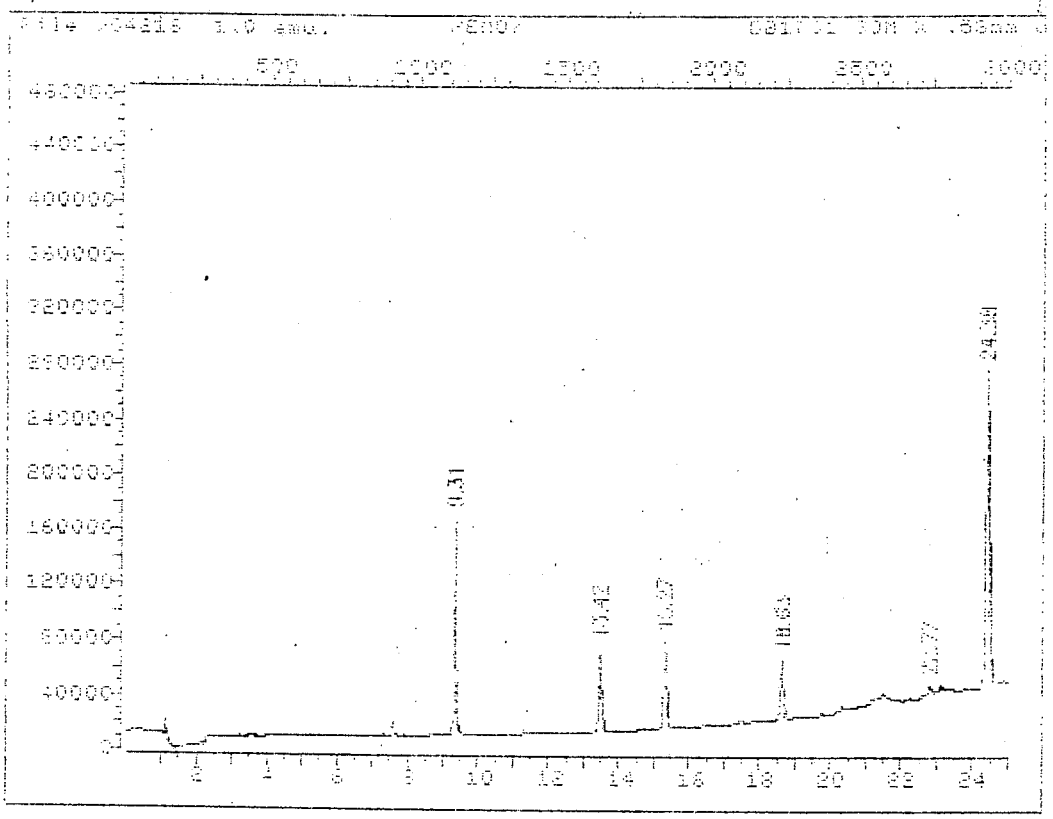

Data File: 04216::G1 Quant Output File: 04216::F3
Name: PEM07 Instrument ID: GC04
Misc: DB1701 30M X .53mm CBS903 1ul inj.

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Scal Time: 960701 21:23

Operator ID: TRFIL
Quant Time: 960709 18:27
Injected at: 960709 14:09

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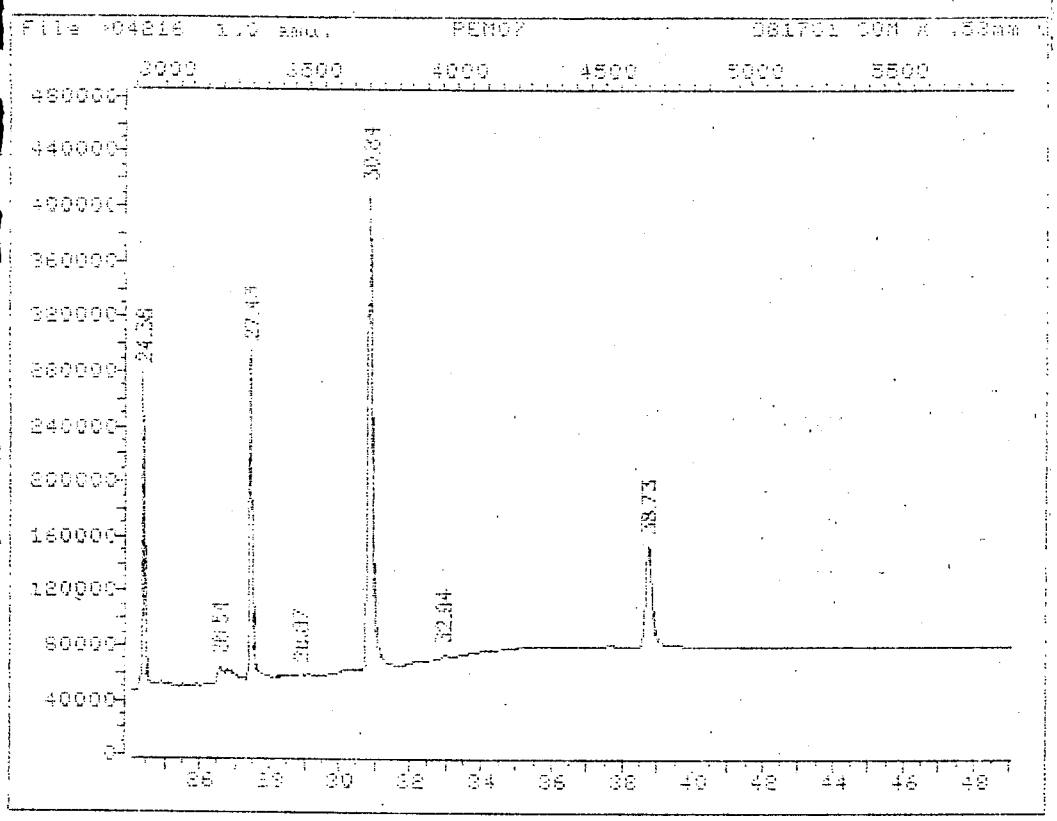

Data File: >04216::G1 Quant Output File: ^04216::F3
Name: PEM07 Instrument ID: GC04
Misc: DB1701 30M X .53mm CC58903 1ul inj.

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Seal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960709 16:27
Injected at: 960709 14:09

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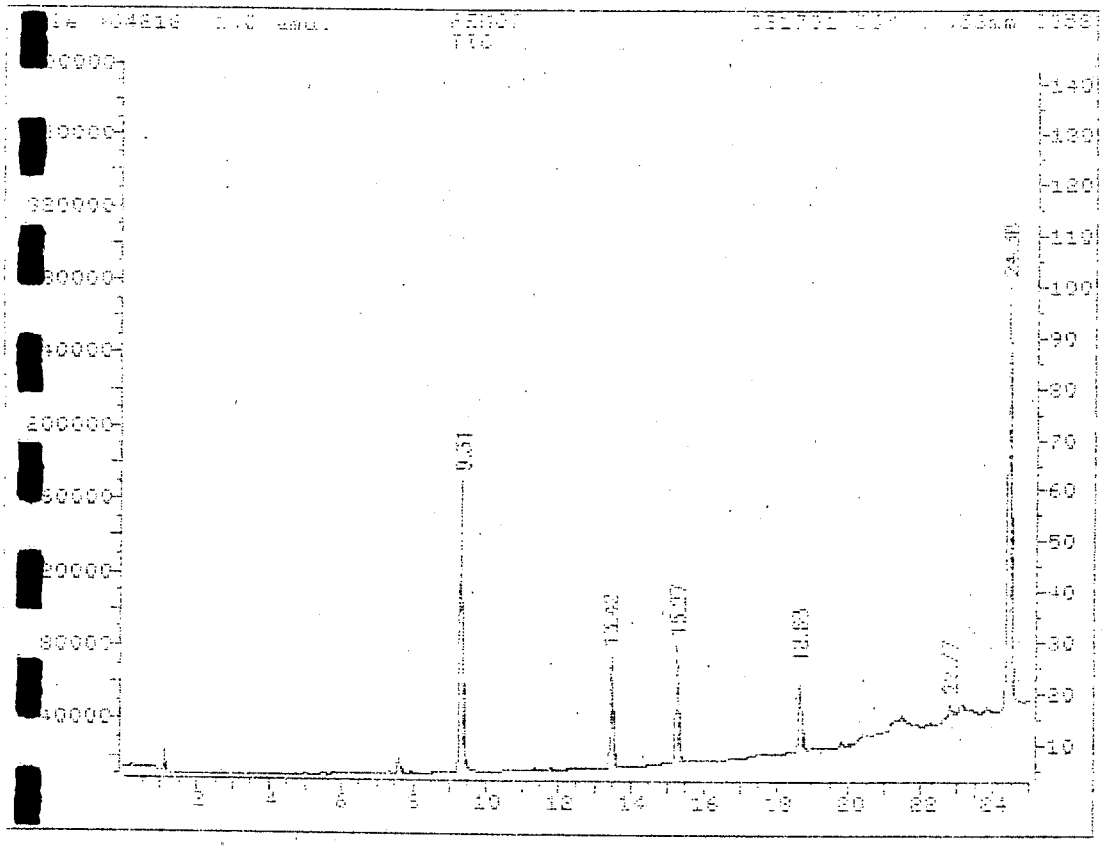
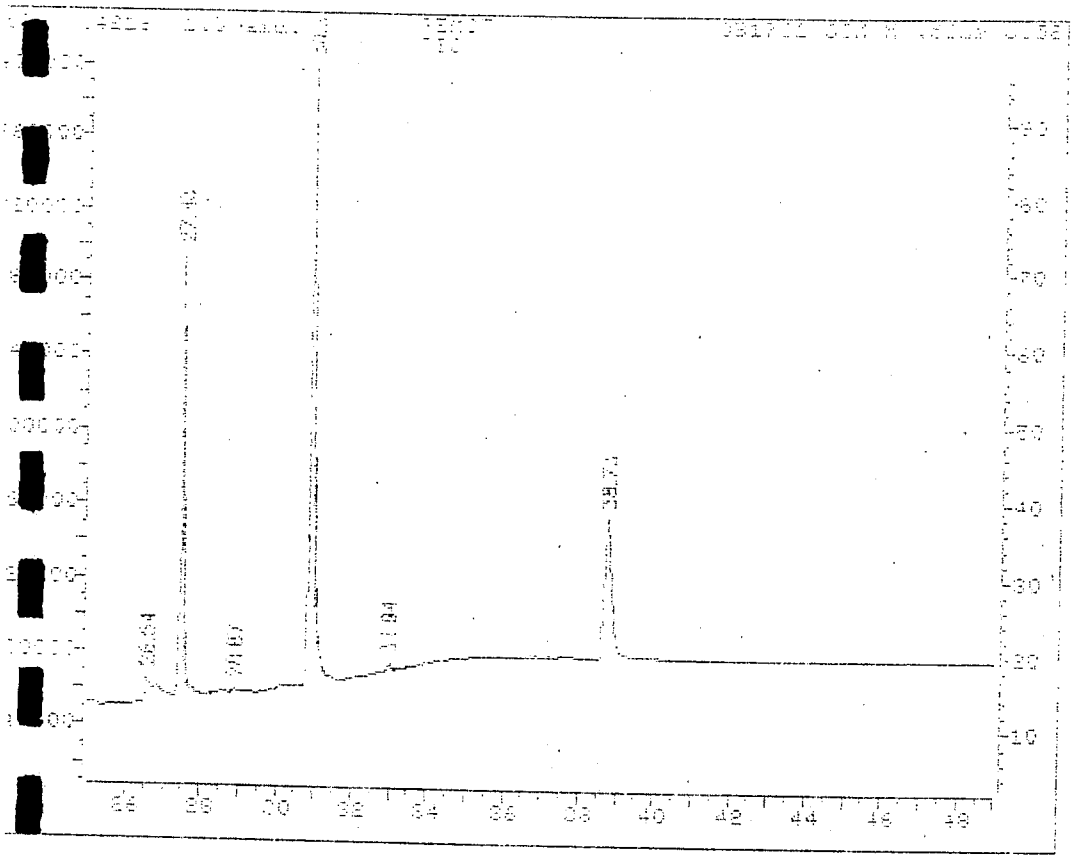


MS data file header from : 04216::G1

Sample: SEM17 Operator: TRFIL 7/09/91 14:09
File: DB1701 FOM X .55mm [illegible]
Sys. #: 0 MS mode: 92 8%/4% rev.: F ALI # : 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



Data file header from : >04216::G1

File: PEMOF Operator: TRFIL 7/07/93 14:09
: 0B1701 30M X .25mm 0.25um 1.1 inj.
Inj. #: 0 MS mode: F2 EM/HM 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

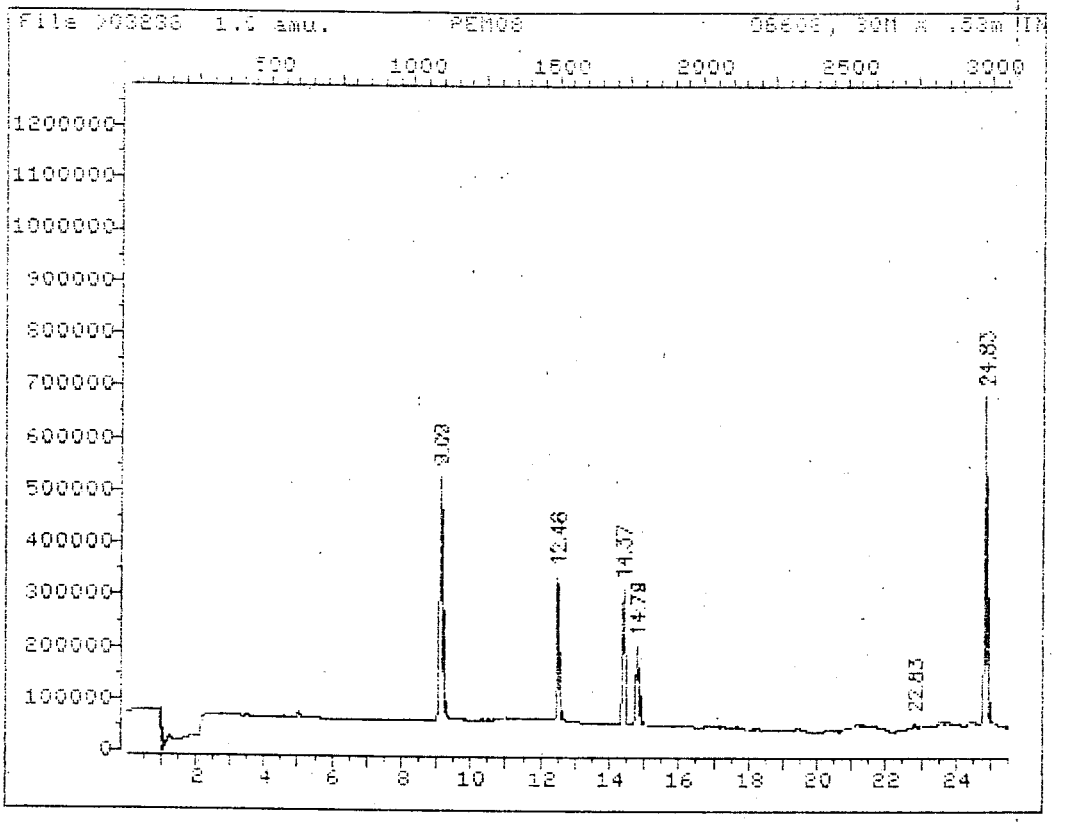
Operator ID: TRFIL Quant Rev: 7 Quant Time: 960710 10:05
Output File: ^03238::F3 Injected at: 960710 09:11
Data File: >03238::G3 Dilution Factor: 1.00000
Name: PEM08 Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.09	1091	2665095	21.30	ng/ml	100
2)	#alpha-BHC	0.010	12.48	1498	1644904	11.11	ng/ml	100
3)	#beta-BHC	0.010	14.79	1775	865123	10.54	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.37	1724	1457429	10.67	ng/ml	100
11)	#4,4'-DDE		22.83	2739	59374	.649	ng/ml	100
12)	#Endrin	0.050	24.85	2979	4521530	52.82	ng/ml	100
14)	#4,4'-DDD		25.62	3074	100842	1.75	ng/ml	100
16)	#4,4'-DDT	0.100	27.20	3264	7117525	109.81	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3893	9680710	249.35	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.68	5001	2495608	20.85	ng/ml	100

Compound uses ESTD

EBruce
7/10/96



Data File: >03238::G3 Quant Output File: ^03238::F3
Name: PEM08 Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960710 10:05
Injected at: 960710 09:11

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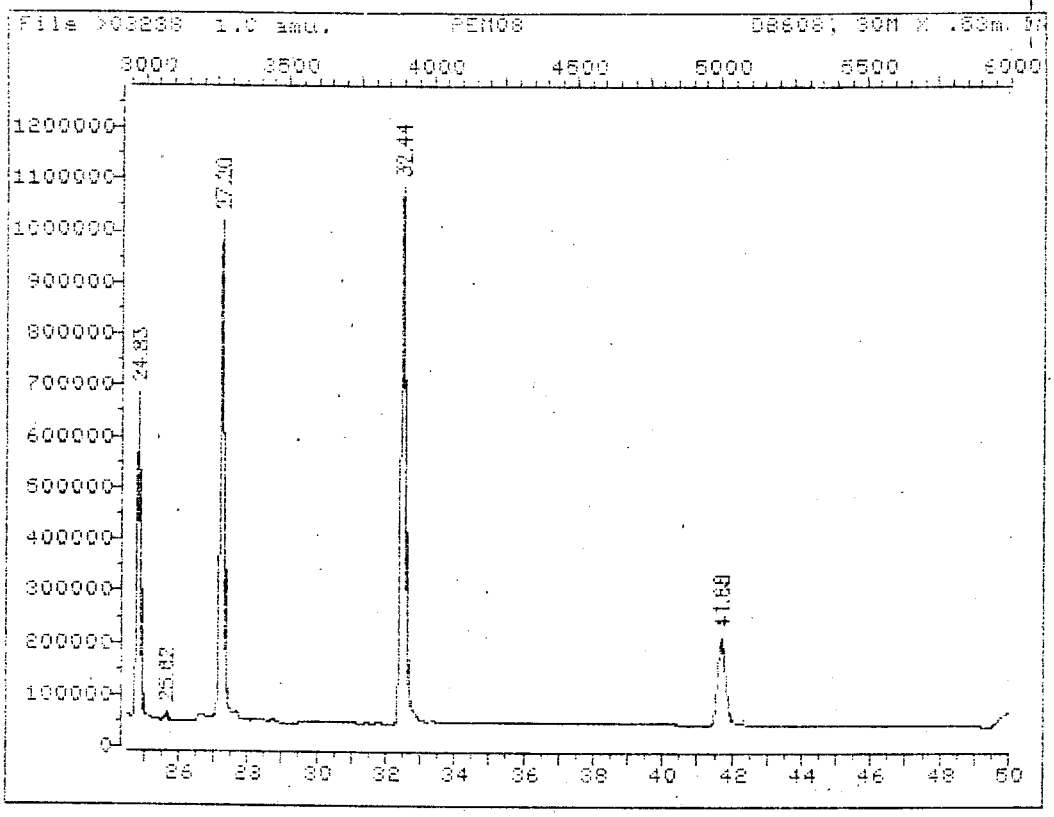

Data File: >03238::G3 Quant Output File: ^03238::F3
Name: PEM08 Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qual Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960710 10:05
Injected at: 960710 09:11

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QUANT REPORT

Operator ID: TRFIL
Output File: ^04238::F3
Data File: >04238::G1
Name: PEM08
Misc: DB1701, 30M X .53m INST #8903, 1ul INJ

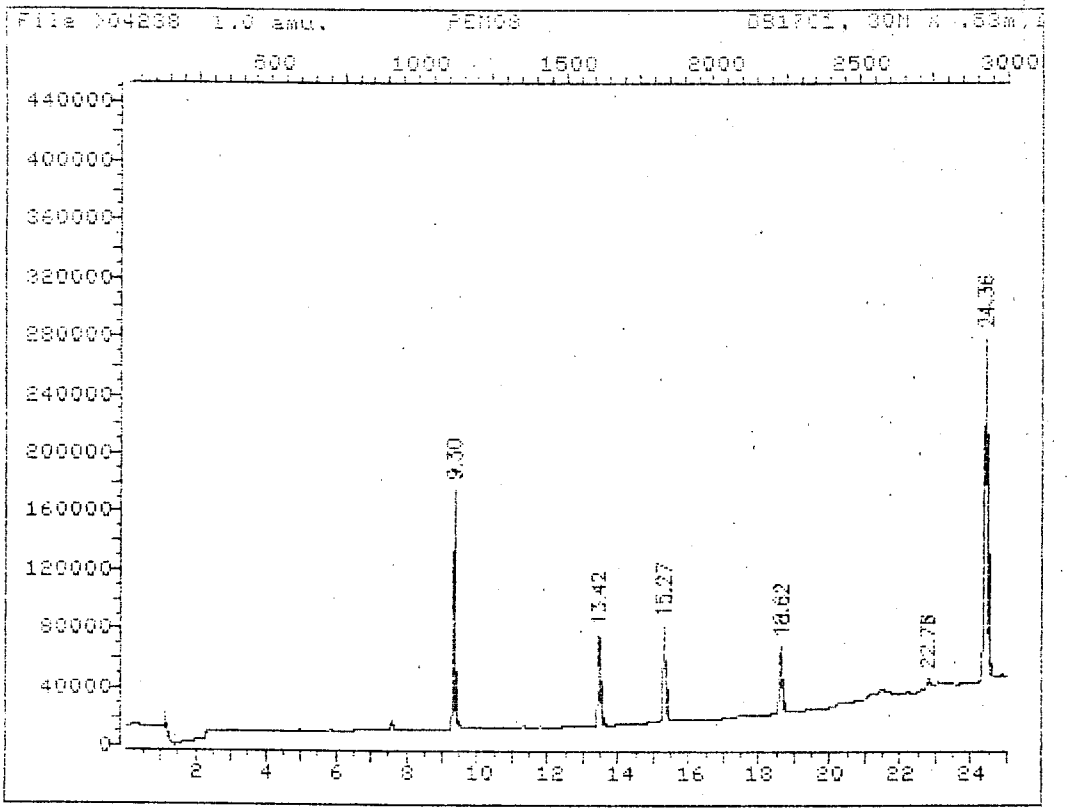
Quant Rev: 7
Quant Time: 960710 10:03
Injected at: 960710 09:11
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Cal Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	873165	21.08	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	314449	9.60	ng/ml	100
3)	#beta-BHC	0.010	18.62	2234	259683	9.88	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1832	330932	9.73	ng/ml	100
11)	#4,4'-DDE		22.76	2731	56515	2.04	ng/ml	100
12)	#Endrin	0.050	24.36	2923	1498777	51.70	ng/ml	100
14)	#4,4'-DDD		26.52	3182	103151	4.88	ng/ml	100
16)	#4,4'-DDT	0.100	27.42	3290	1718267	104.27	ng/ml	100
17)	#Methoxychlor	0.250	30.84	3700	3303516	245.44	ng/ml	100
18)	#Endrin ketone		32.93	3951	39747	1.41	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.71	4645	964642	20.66	ng/ml	100
30)	#Endrin aldehyde		28.85	3462	16275	.536	ng/ml	100

Compound uses ESTD

EPrui
7/10/94



Data File: >04238::G1 Quant Output File: ^04238::F3
Name: PEM08 Instrument ID: GC04
Misc: DB1701. 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960710 10:03
Injected at: 960710 09:11

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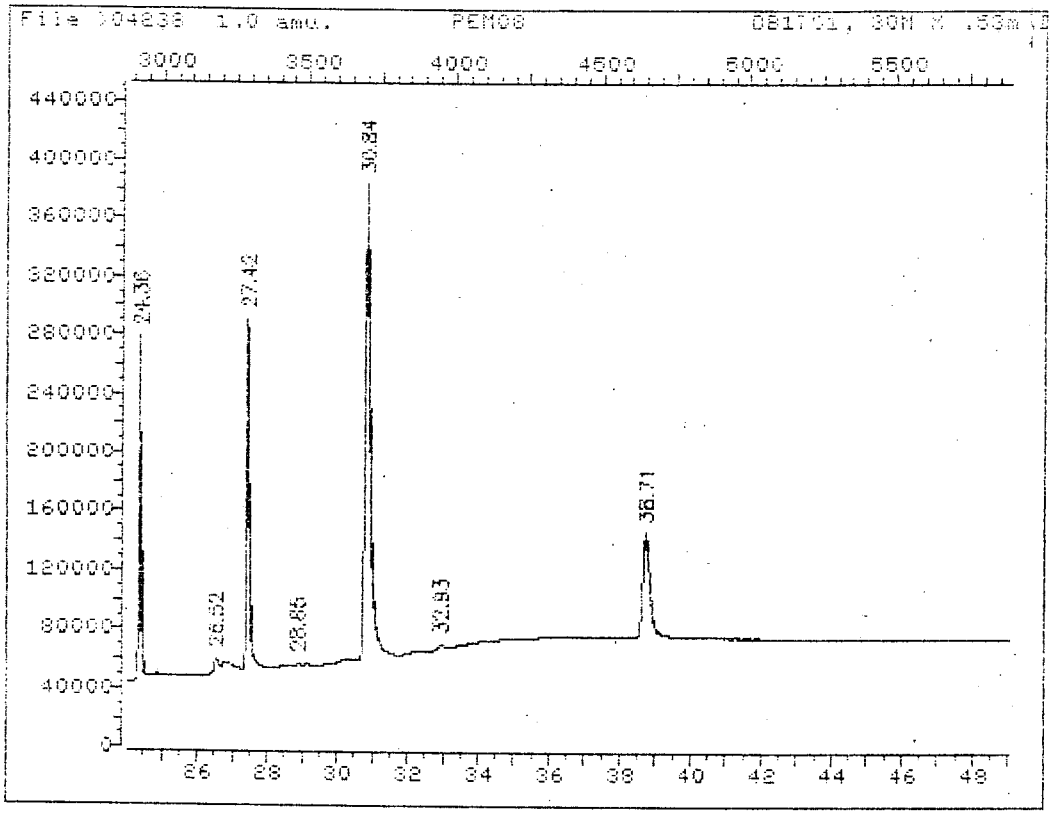

Data File: >04238::G1 Quant Output File: ^04238::F3
Name: PEM08 Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960710 10:03
Injected at: 960710 09:11

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SUR REPORT Page

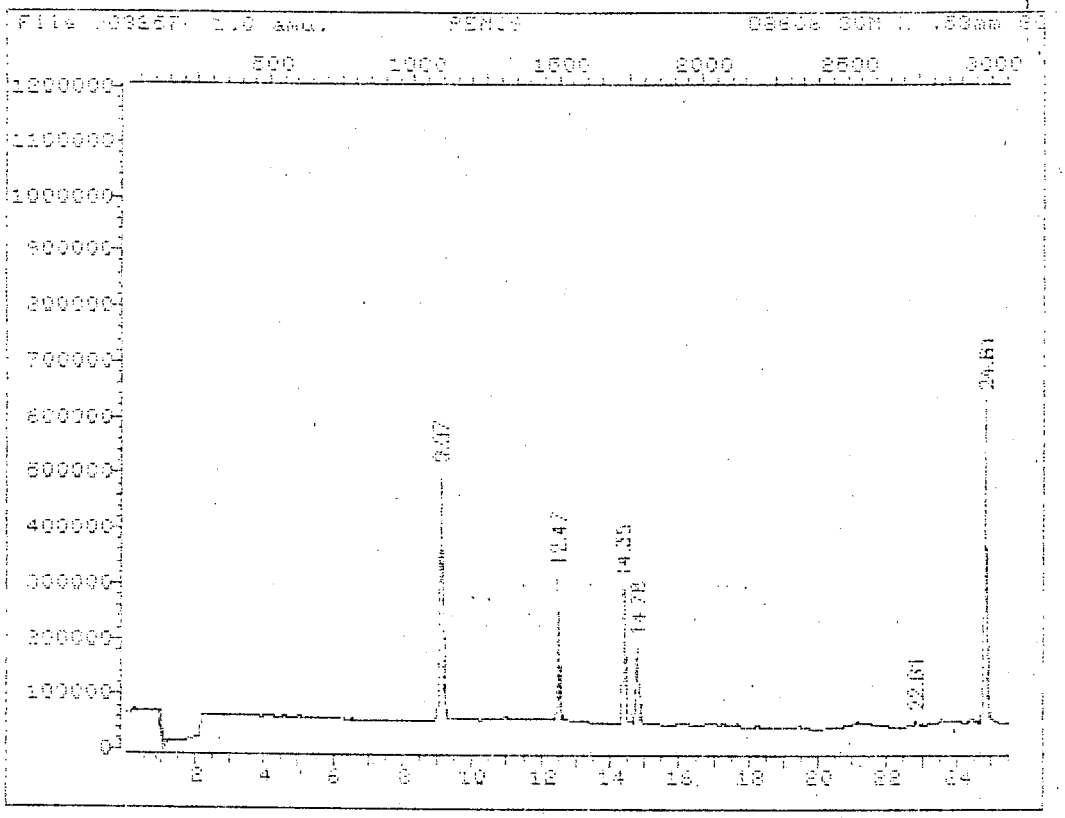
Operator ID: TRFIZ Quant Rev: 7 Quant Time: 960712 13:18
Output File: 103257.:60 Injected at: 960711 05:17
Data File: 103257.:63 Dilution Factor: 1.00000
Name: PEM09 Instrument ID: GC03
Misc: DB608 30M X .53mm 0.50903 1ul inj

ID File: IDCAP1.:SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Std Time: 960702 00:13

Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	0.020	9.67	1089	2508889	20.05	ng/ml	100
2) #alpha-BHC	0.010	12.47	1496	1527946	10.32	ng/ml	100
3) #beta-BHC	0.010	14.78	1774	828108	10.09	ng/ml	100
5) #gamma-BHC (Lindane)	0.010	14.35	1722	1372682	10.04	ng/ml	100
11) #4,4'-DDE		22.81	2737	39979	.481	ng/ml	100
12) #Endrin	0.050	24.81	2977	4062444	47.46	ng/ml	100
14) #4,4'-DDD		25.59	3071	141508	2.46	ng/ml	100
16) #4,4'-DDT	0.100	27.18	3261	6463472	99.72	ng/ml	100
17) #Methoxychlor	0.250	32.42	3890	8853824	227.53	ng/ml	100
19) #Decachlorobiphenyl	0.020	41.62	4994	2205655	18.43	ng/ml	100

Compound uses ESTD

EPMcc
7/13/96



Data File: >03257::03 Quant Output File: ^05257::GQ
Name: PEM09 Instrument ID: GC03
Misc: DB608 30M X .53mm SC58903 1ul inj.

Id File: IDC0P1::SC
Title: Capillary Column DS 608
Last Calibration: 941028 10:07 Last Qual Time: 960702 00:13

Operator ID: TRFIE
Quant Time: 960712 13:18
Injected at: 960711 05:17

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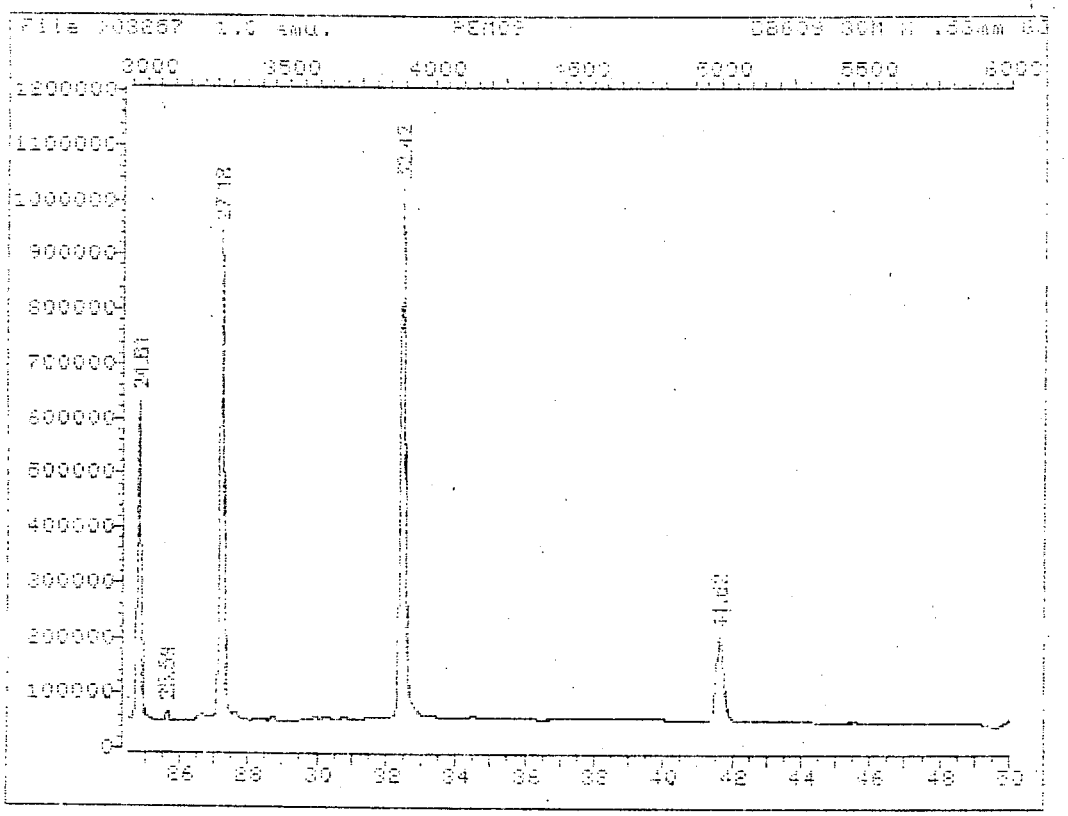

Data File: >03257::G3 Quant Output File: ^03257::G0
Name: PEM09 Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 _1 inj.

Id File: IDCAP1::SC
Title: Capillary Column CS 608
Last Calibration: 941029 10:07 Last Scal Time: 960702 00:13

Operator ID: *RFI2
Quant Time : 960712 13:19
Injected at: 960711 05:17

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SUMMARY REPORT

Operator ID: TRFIZ
Output File: ^04257::00
Data File: ^04257::G1
Name: PSMOP
Misc: DB1701 30M X .33mm 0058903 1ul .mg.

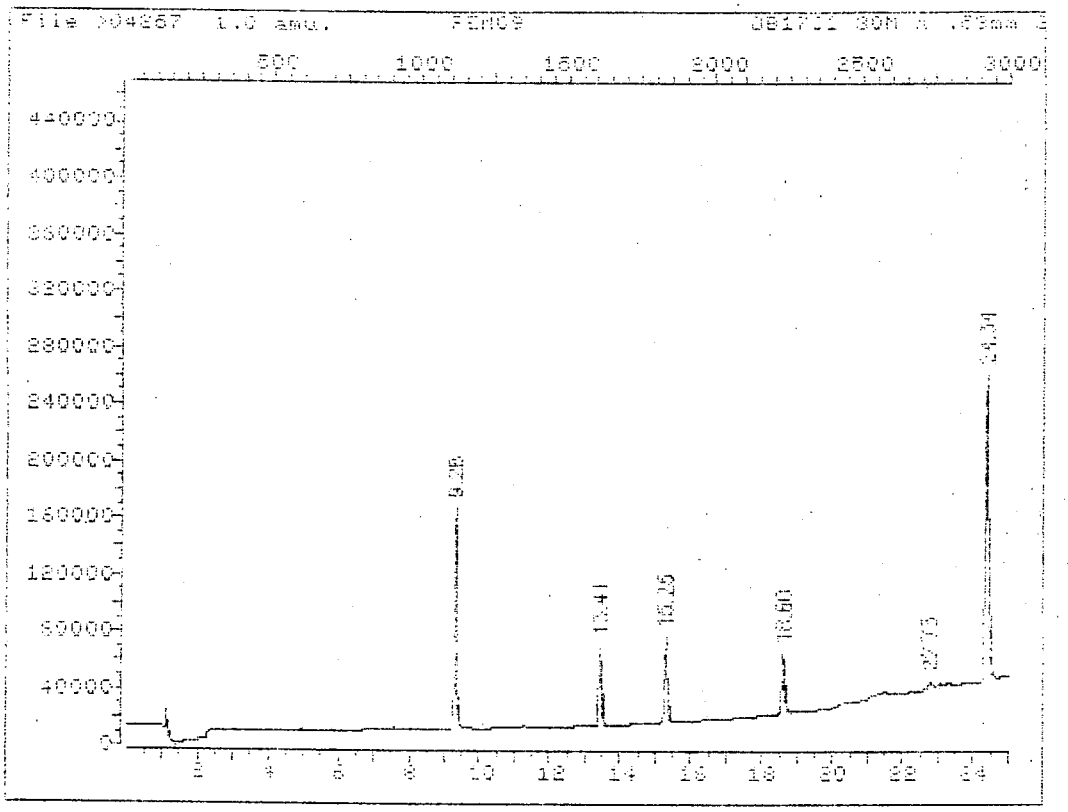
Quant Seq: 7
Quant Time: 960712 13:36
Injected at: 960711 05:17
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941025 10:07
Last Qual Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.28	1114	816153	19.71	ng/ml	100
2)	#alpha-BHC	0.010	13.41	1609	291989	8.91	ng/ml	100
3)	#beta-BHC	0.010	13.60	1632	274843	10.46	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.25	1830	305272	8.98	ng/ml	100
11)	#4,4'-DDE		22.77	2728	42390	1.55	ng/ml	100
12)	#Endrin	0.050	24.34	2921	1403542	48.42	ng/ml	100
14)	#4,4'-DDD		26.49	3179	112556	5.33	ng/ml	100
16)	#4,4'-DDT	0.100	27.39	3287	1619480	98.27	ng/ml	100
17)	#Methoxychlor	0.250	30.91	3697	3126205	231.82	ng/ml	100
18)	#Endrin ketone		32.69	3947	34587	1.23	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.66	4639	866921	18.56	ng/ml	100
30)	#Endrin aldehyde		28.83	3459	13431	.442	ng/ml	100

Compound uses ESTD

CPrui
7/13/96



Data File: .04257::G1 Quant Output File: ^04257::GQ
Name: PEM09 Instrument ID: GC04
Misc: DB1701 30M X .53mm 0158903 1ul inj.

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941021 10:07 Last Acq Time: 960701 21:23

Operator ID: TRF12
Quant Time : 960712 13:36
Injected at: 960711 05:17

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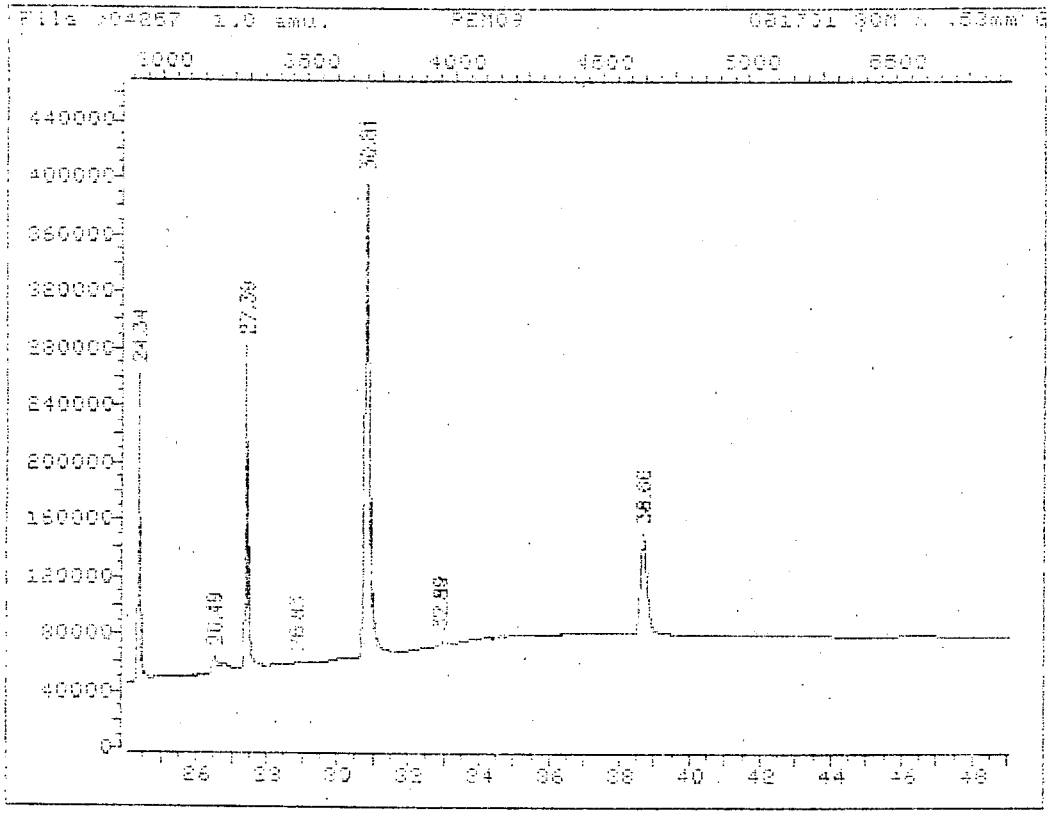

Data File: >04257::C1 Quant Output File: ^04257::GQ
Name: PEM09 Instrument ID: GC04
Misc: DB1701 30M X .53mm 0C58903 1ul inj.

Id File: IDCAP2::GC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Goal Time: 960701 21:23

Operator ID: TRFI2
Quant Time : 960712 13:36
Injected at: 960711 05:17

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QUANT REPORT

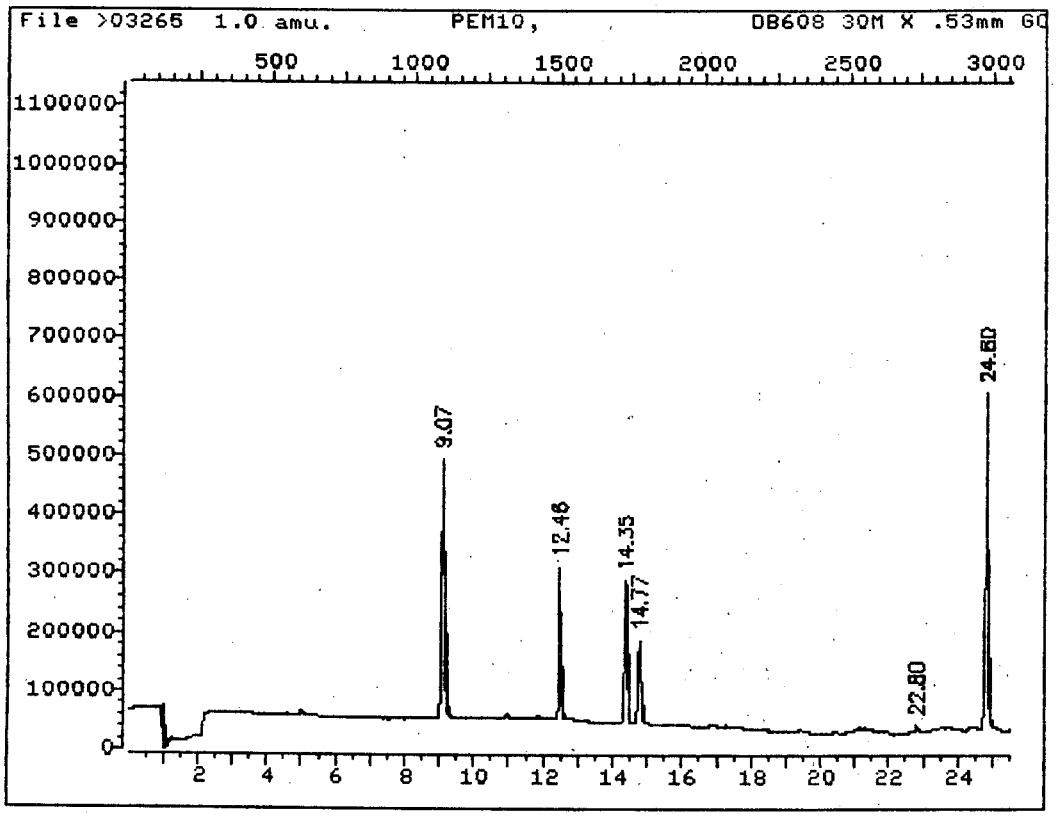
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960712 13:43
Output File: ^03265::GQ Injected at: 960711 21:14
Data File: >03265::G3 Dilution Factor: 1.00000
Name: PEM10, Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj.

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

	Compound	NG INJ	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2497736	19.96	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1547973	10.46	ng/ml	100
3)	#beta-BHC	0.010	14.77	1773	830086	10.11	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1355176	9.92	ng/ml	100
11)	#4,4'-DDE		22.80	2736	58826	.643	ng/ml	100
12)	#Endrin	0.050	24.80	2976	4122424	48.16	ng/ml	100
14)	#4,4'-DDD		25.59	3071	140939	2.45	ng/ml	100
16)	#4,4'-DDT	0.100	27.18	3261	6438830	99.34	ng/ml	100
17)	#Methoxychlor	0.250	32.41	3889	8895418	229.12	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.62	4994	2376757	19.86	ng/ml	100
30)	#Endrin aldehyde	0	27.58	3309	146759	1.86	ng/ml	100

Compound uses ESTD

7/19/96



Data File: >03265::G3 Quant Output File: ^03265::GQ
Name: PEM10, 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: 960702 00:13

Operator ID: TRFI2
Quant Time : 960712 13:43
Injected at: 960711 21:14

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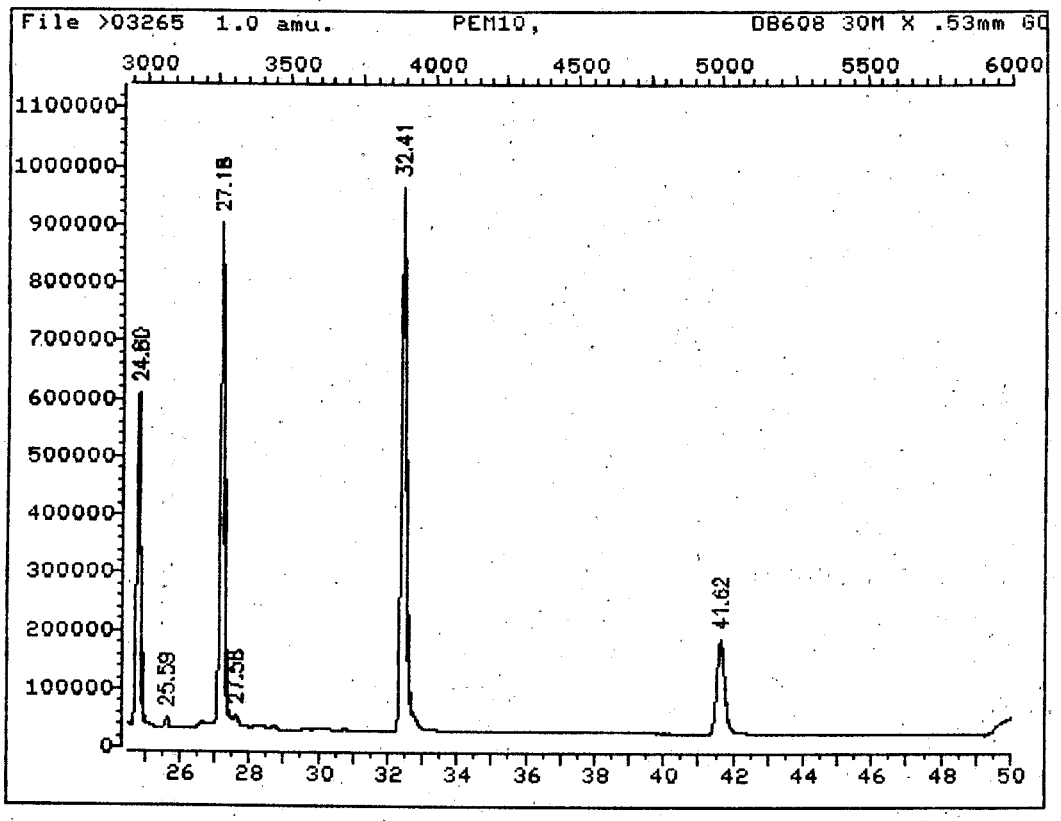

Data File: >03265::G3 Quant Output File: ^03265::GQ
Name: PEM10, Instrument ID: GC03
Misc: DB608 30M X .53mm GC58903 1ul inj.

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFI2
Quant Time : 960712 13:43
Injected at: 960711 21:14

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QUANT REPORT

Page

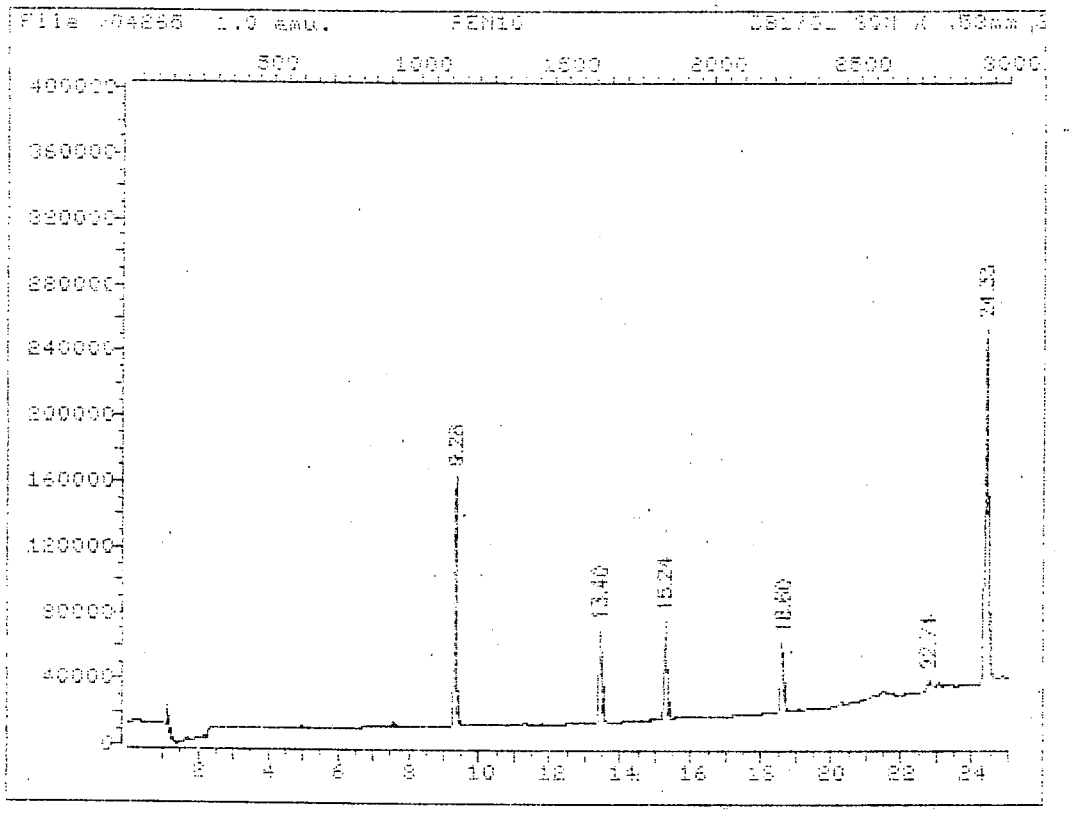
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960712 07:24
Output File: 04265::SC Injected at: 960711 21:14
Data File: .04265::SC Dilution Factor: 1.00000
Name: PEM10 Instrument ID: GC04
Mass: DB1701 30M X .53mm. 1158963 1:1 inj.

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Cal Time: 960701 21:23

Compound	ng injected	RT	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	0.020	9.28	1114	914407	19.66	ng/ml	100
2) #alpha-BHC	0.010	13.40	1608	291461	8.90	ng/ml	100
3) #beta-BHC	0.010	18.69	2232	342386	9.22	ng/ml	100
5) #gamma-BHC (Lindane)	0.010	15.24	1827	304230	8.95	ng/ml	100
11) #4,4'-DDE		22.74	2729	54677	1.97	ng/ml	100
12) #Endrin	0.050	24.77	2920	1360628	46.94	ng/ml	100
14) #4,4'-DDD		26.49	3179	133353	6.31	ng/ml	100
16) #4,4'-DDT	0.100	27.39	3287	1306952	91.44	ng/ml	100
17) #Methoxychlor	0.250	30.80	3696	2958353	219.79	ng/ml	100
18) #Endrin ketone		32.89	3947	100028	3.55	ng/ml	100
19) #Decachlorobiphenyl	0.026	38.66	4639	936780	20.06	ng/ml	100

Compound uses ESTD

CPui
7/13/96



Data File: :04265::G1 Quant Output File: ^04265::G0
Name: PEM10 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj.

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941027 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFI2
Quant Time : 960712 07:24
Injected at: 960711 21:14

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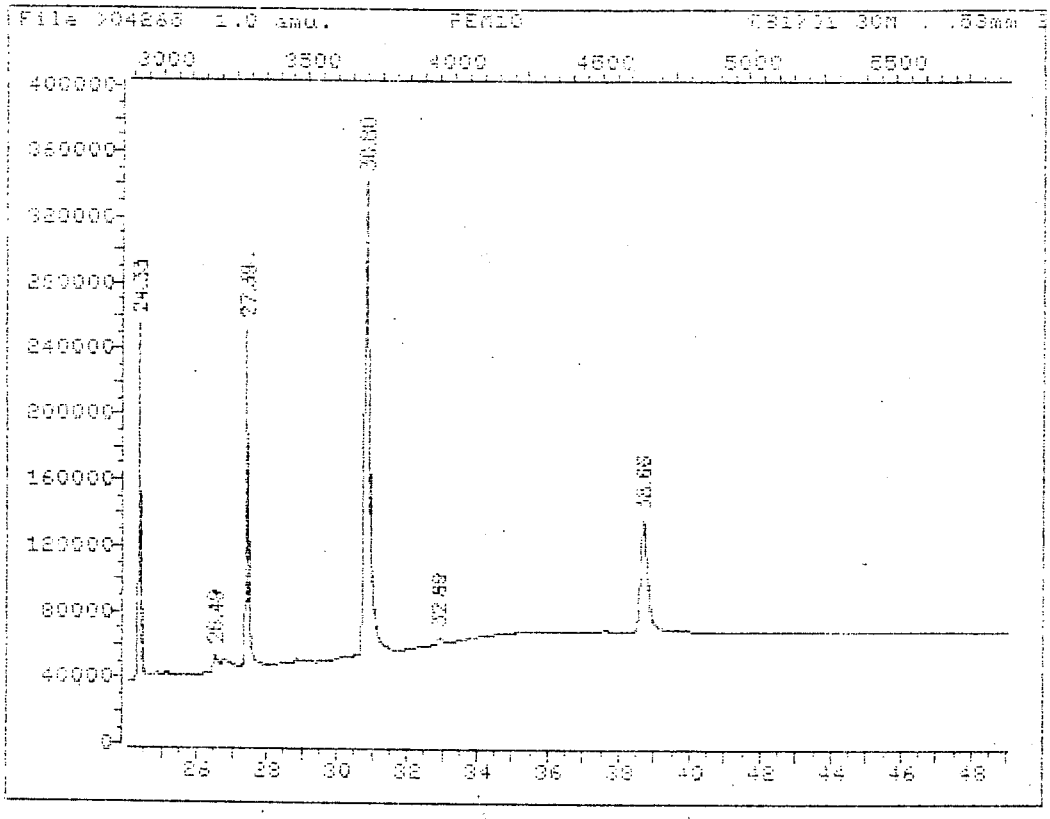

Data File: >04265::G1 Quant Output File: ^04265::GQ
Name: PEM10 Instrument ID: GC04
Misc: DB1701 30M X .53mm G258905 1ul inj.

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qual Time: 960701 21:23

Operator ID: TBFI2
Quant Time : 960712 07:24
Injected at: 960711 21:14

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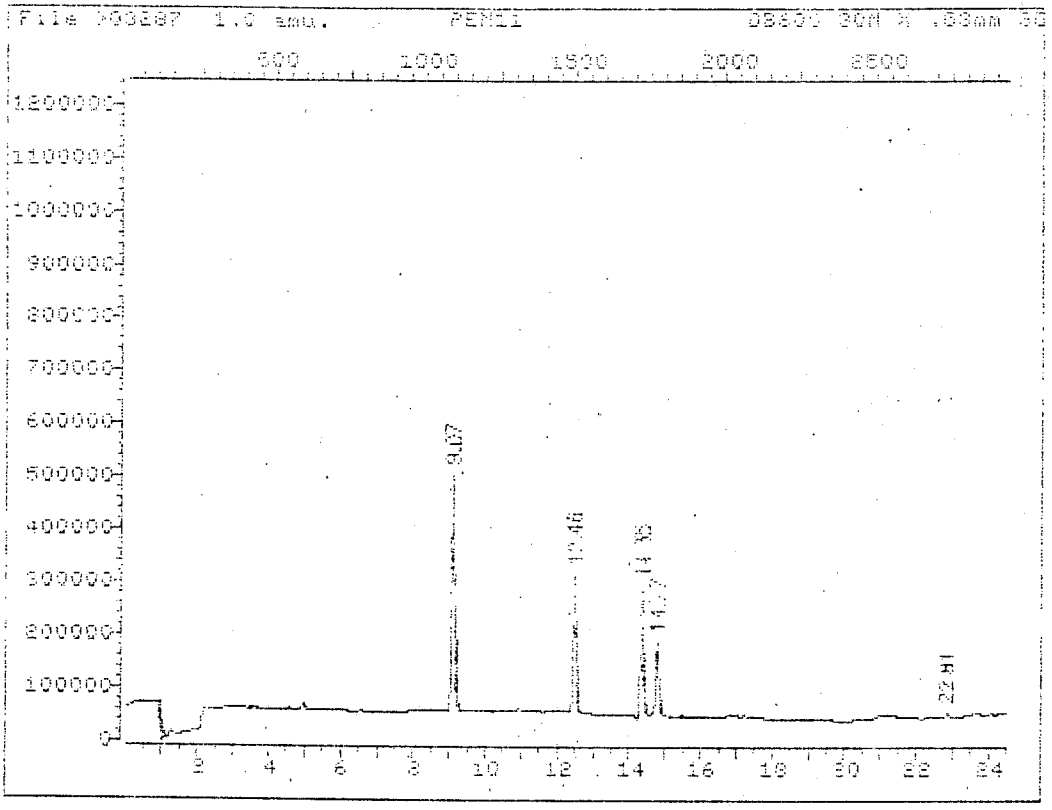
QUANT REPORT

Operator ID: TRFIE Quant Rev: 7 Quant Time: 960712 17:39
Output File: 003297.GC Injected at: 960712 16:49
Data File: 003287.FF Dilution Factor: 1.00000
Name: PEM11 Instrument ID: GC03
Filter: DB608 30M X .53mm SC58903 1ul inj.

ID File: IDCRPI.SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Cal Time: 960702 00:13

	Compound	NG INJ	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2520057	20.14	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1525577	10.31	ng/ml	100
3)	#beta-BHC	0.010	14.77	1773	302570	9.78	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1496[illegible]	10.95	ng/ml	100
11)	#4,4'-DDE		22.81	2737	32275	.353	ng/ml	100
12)	#Endrin	0.050	24.80	2976	3951195	46.16	ng/ml	100
14)	#4,4'-DDD		25.59	3071	128971	2.24	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3261	6406617	98.84	ng/ml	100
17)	#Methoxychlor	0.250	32.42	3890	8496200	218.84	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.62	4994	2125008	17.75	ng/ml	100
30)	#Endrin aldehyde		27.59	3309	63698	.808	ng/ml	100

Compound uses ESTD



Data File: >05287::F3 Quant Output File: ^05287::GQ
Name: PEM11 Instrument ID: GC03
Misc: DB608 30M X .55mm 0C50903 1ul inj.

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 19:07 Last Scal Time: 960702 00:13

Operator ID: TRF/2
Quant Time : 960712 17:59
Injected at: 960712 16:49

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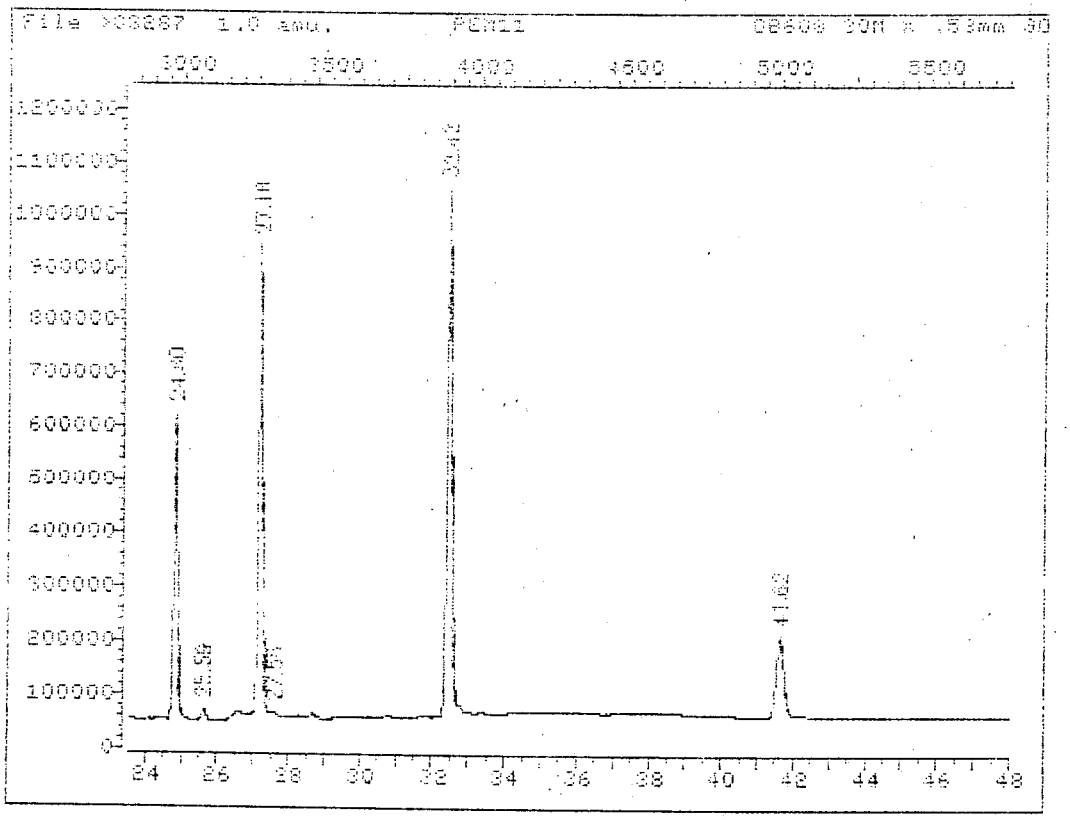

Data File: >03287::F5 Quant Output File: ^03287::GQ
Name: PEM11 Instrument ID: GC03
Misc: DB608 30M X .53mm GC98903 1ul inj.

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qual Time: 960702 00:13

Operator ID: TRFI2
Quant Time : 960712 17:39
Injected at: 960712 16:49

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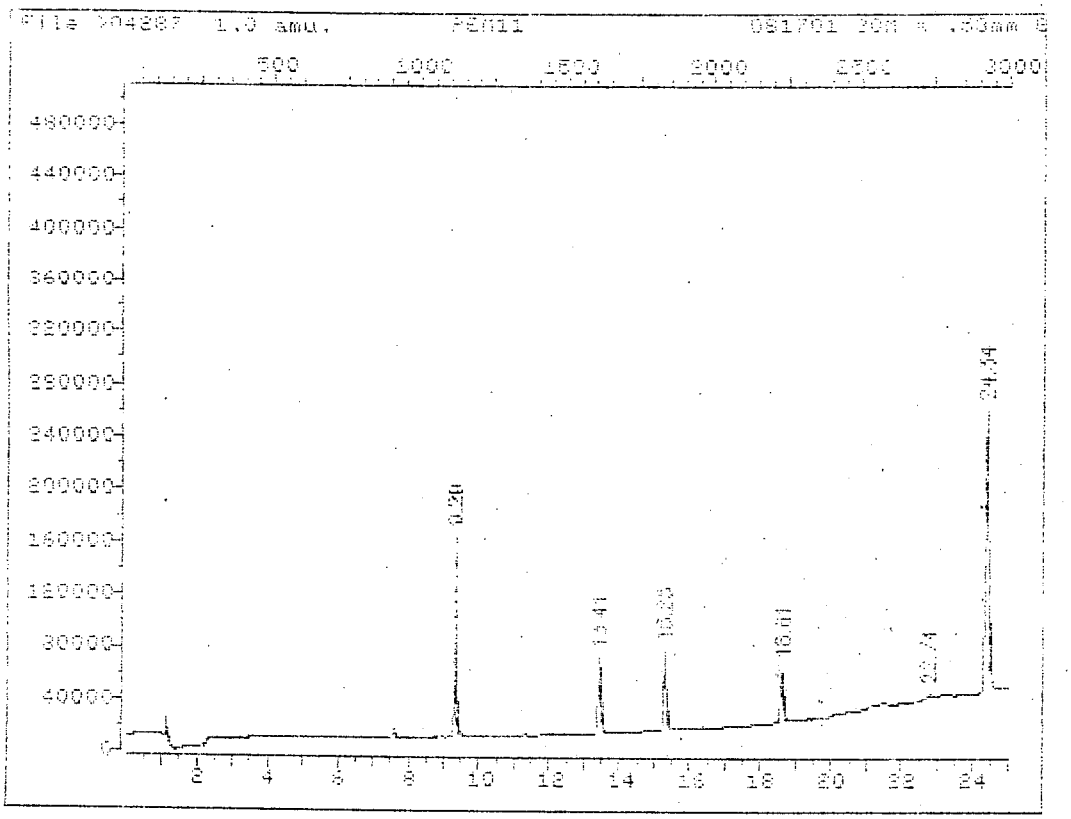
QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960712 17:44
Output File: :94287::S0 Injected at: 960711 16:49
Data File: :94287::G1 Dilution Factor: 1.00000
Name: SEM11 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC58903 1ul inj.

ID File: IDCAPC::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Ocal Time: 960701 21:23

Compound	NG INJ	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	0.020	9.29	1115	812440	19.62	ng/ml	100
2) #alpha-BHC	0.010	13.41	1609	299734	9.15	ng/ml	100
3) #beta-BHC	0.010	18.61	2233	279219	10.63	ng/ml	100
5) #gamma-BHC (Lindane)	0.010	15.25	1830	305220	8.98	ng/ml	100
11) #4,4'-DDE		22.74	2729	27704	.998	ng/ml	100
12) #Endrin	0.050	24.34	2921	1379452	47.59	ng/ml	100
14) #4,4'-DDD		26.49	3179	135974	6.43	ng/ml	100
16) #4,4'-DDT	0.100	27.39	3287	1743408	105.79	ng/ml	100
17) #Methoxychlor	0.250	30.81	3697	3205761	238.17	ng/ml	100
18) #Endrin ketone		32.90	3948	124281	4.41	ng/ml	100
19) #Decachlorobiphenyl	0.020	38.66	4639	856503	18.34	ng/ml	100
30) #Endrin aldehyde		28.84	3460	14219	.468	ng/ml	100

Compound uses ESTD



Data File: >04287::G1 Quant Output File: >04287::G0
Name: PEM11 Instrument ID: GC04
Misc: DB1701 30M X .53mm GC98903 1ul inj.

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Cal Time: 960701 21:23

Operator ID: TRFI2
Quant Time : 960712 17:44
Injected at: 960712 16:49

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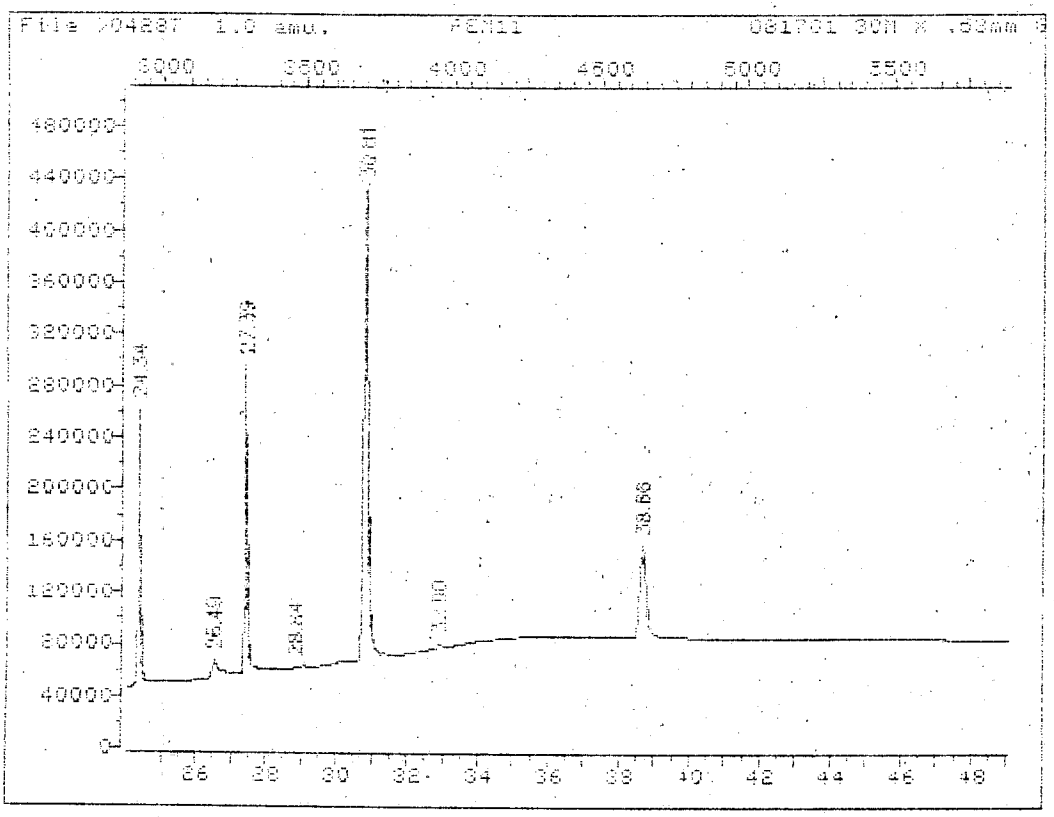

Data File: 04287::G1 Quant Output File: 04287::G0
Name: PEM11 Instrument ID: GC04
Misc: 081701 30M X .53mm GC5890F 1ul inj

Id File: IDCAP2::GC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Ccal Time: 960701 21:23

Operator ID: TRFI2
Quant Time : 960712 17:44
Injected at: 960712 16:49

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960719 13:55
Output File: ^03297::GQ Injected at: 960713 15:35
Data File: >03297::F3 Dilution Factor: 1.00000
Name: PEM01A Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.026	9.07	1089	2374203	19.85	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1497	1393655	9.35	ng/ml	100
3)	#beta-BHC	0.010	14.79	1775	813590	9.95	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.36	1723	1338857	9.66	ng/ml	100
11)	#4,4'-DDE		22.83	2739	147555	1.60	ng/ml	100
12)	#Endrin	0.050	24.82	2978	4335837	49.61	ng/ml	100
14)	#4,4'-DDD		25.61	3073	154263	2.50	ng/ml	100
16)	#4,4'-DDT	0.100	27.20	3264	6959740	102.45	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3893	9697108	243.74	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.66	4999	2451609	21.20	ng/ml	100
30)	#Endrin aldehyde		27.60	3312	131538	1.63	ng/ml	100

Compound uses ESTD

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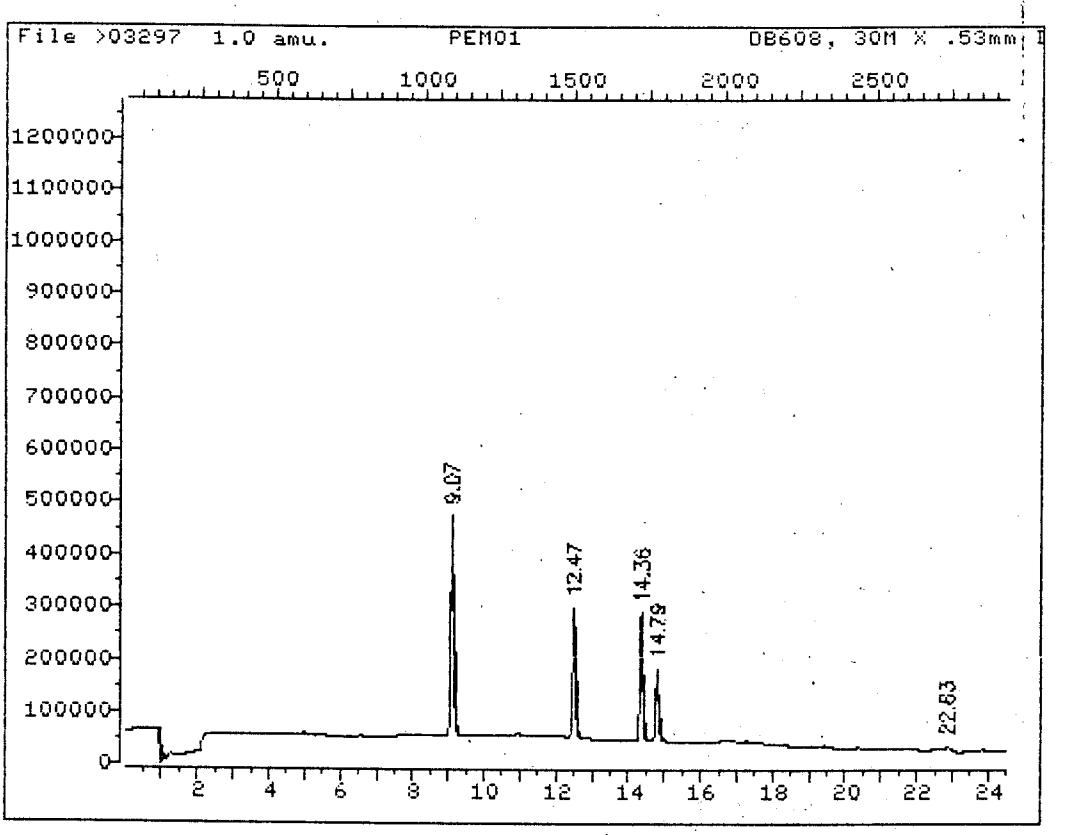

Data File: >03297::F3 Quant Output File: ^03297::GQ
Name: PEM01A Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 13:55
Injected at: 960713 15:35

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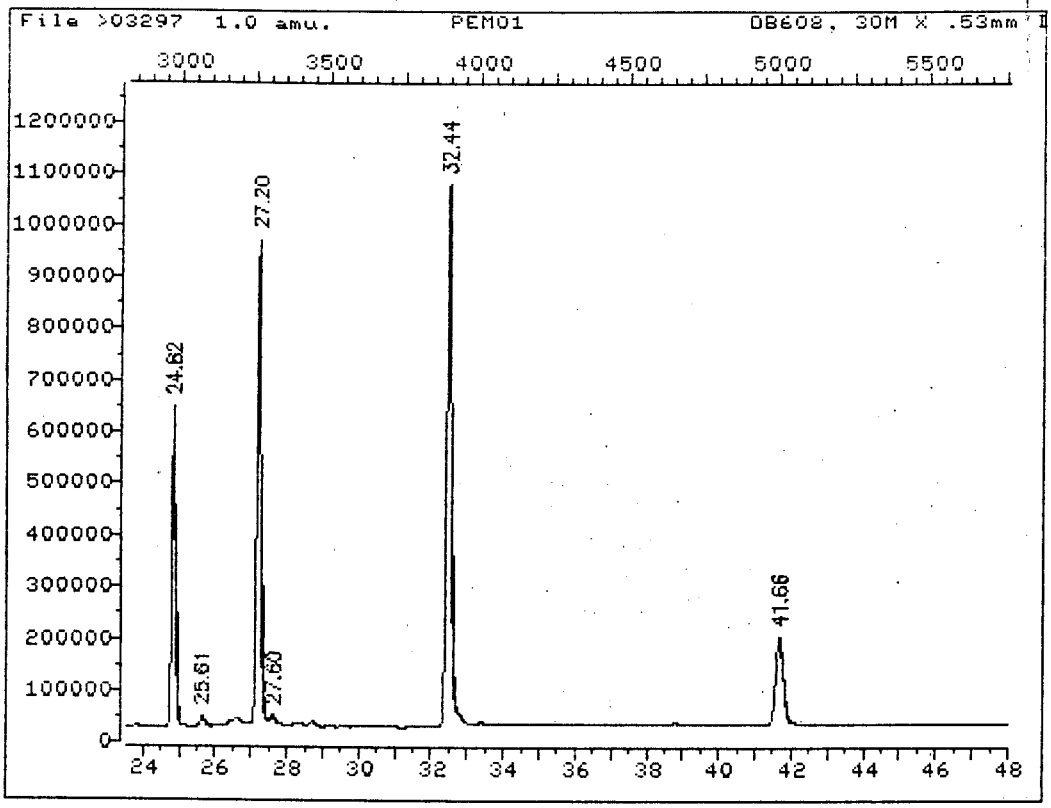

Data File: >03297::F3 Quant Output File: ^03297::GQ
Name: PEM01A Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 13:55
Injected at: 960713 15:35

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QUANT REPORT

Operator ID: TRFI2
Output File: ^04297::GQ
Data File: >04297::G1
Name: PEM01A
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960719 14:14
Injected at: 960713 15:35
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	828248	20.24	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1611	304695	9.36	ng/ml	100
3)	#beta-BHC	0.010	18.63	2235	240899	9.60	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1832	318996	9.38	ng/ml	100
11)	#4,4'-DDE		22.77	2732	55867	1.97	ng/ml	100
12)	#Endrin	0.050	24.37	2924	1477803	50.89	ng/ml	100
14)	#4,4'-DDD		26.52	3182	85462	4.45	ng/ml	100
16)	#4,4'-DDT	0.100	27.42	3290	2026752	115.97	ng/ml	100
17)	#Methoxychlor	0.250	30.83	3699	3445318	257.39	ng/ml	100
18)	#Endrin ketone		32.93	3951	40258	1.27	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.69	4643	957921	20.89	ng/ml	100
30)	#Endrin aldehyde		28.86	3463	34619	1.08	ng/ml	100

Compound uses ESTD

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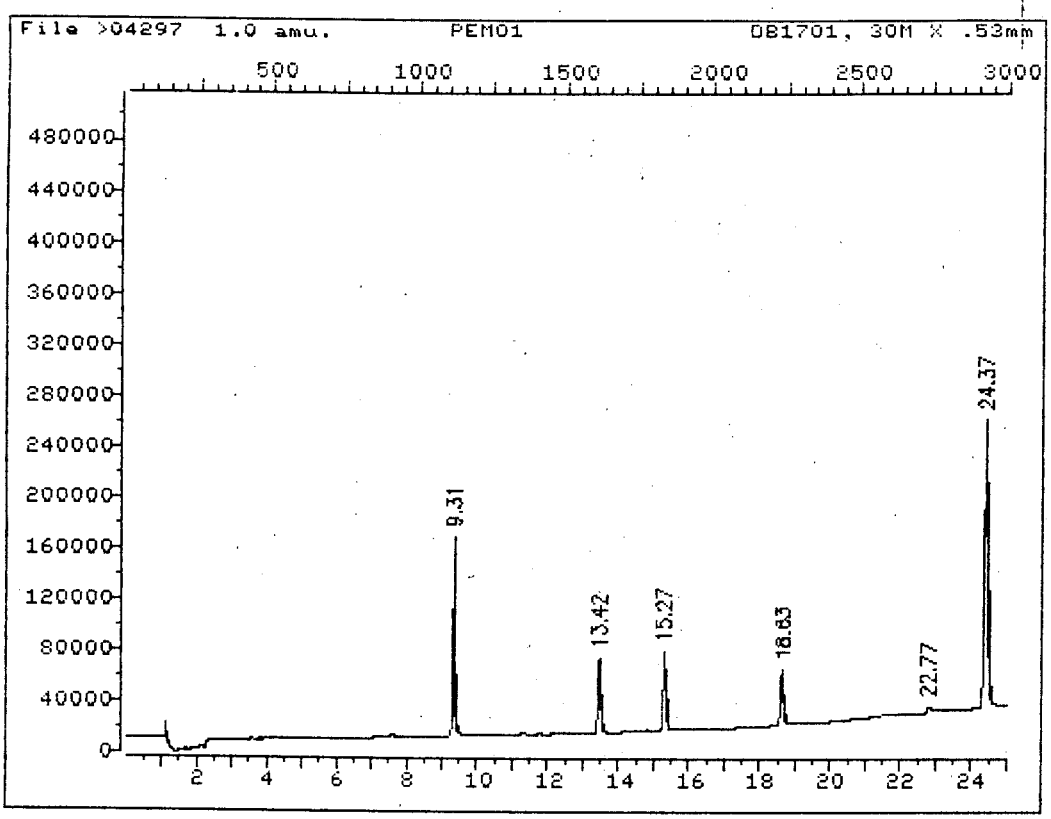
7/22/96



Data File: >04297::G1 Quant Output File: ^04297::GQ
Name: PEM01A Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:14
Injected at: 960713 15:35

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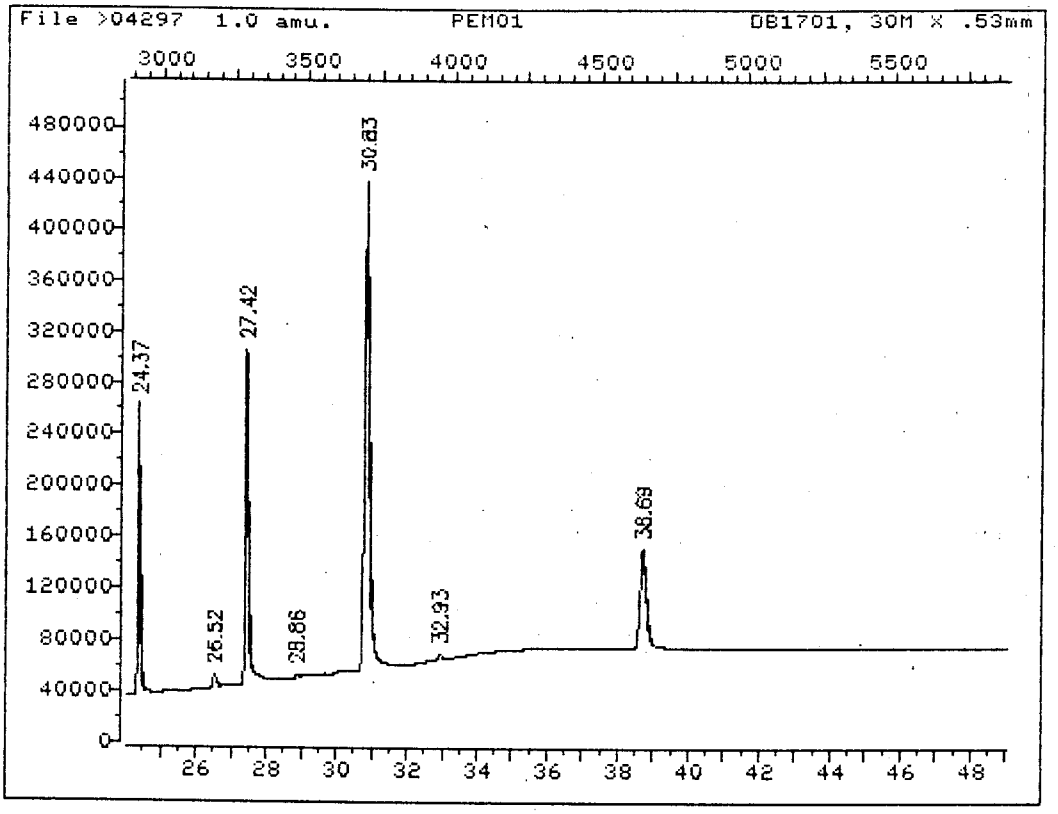

Data File: >04297::G1 Quant Output File: ^04297::GQ
Name: PEM01A Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:14
Injected at: 960713 15:35

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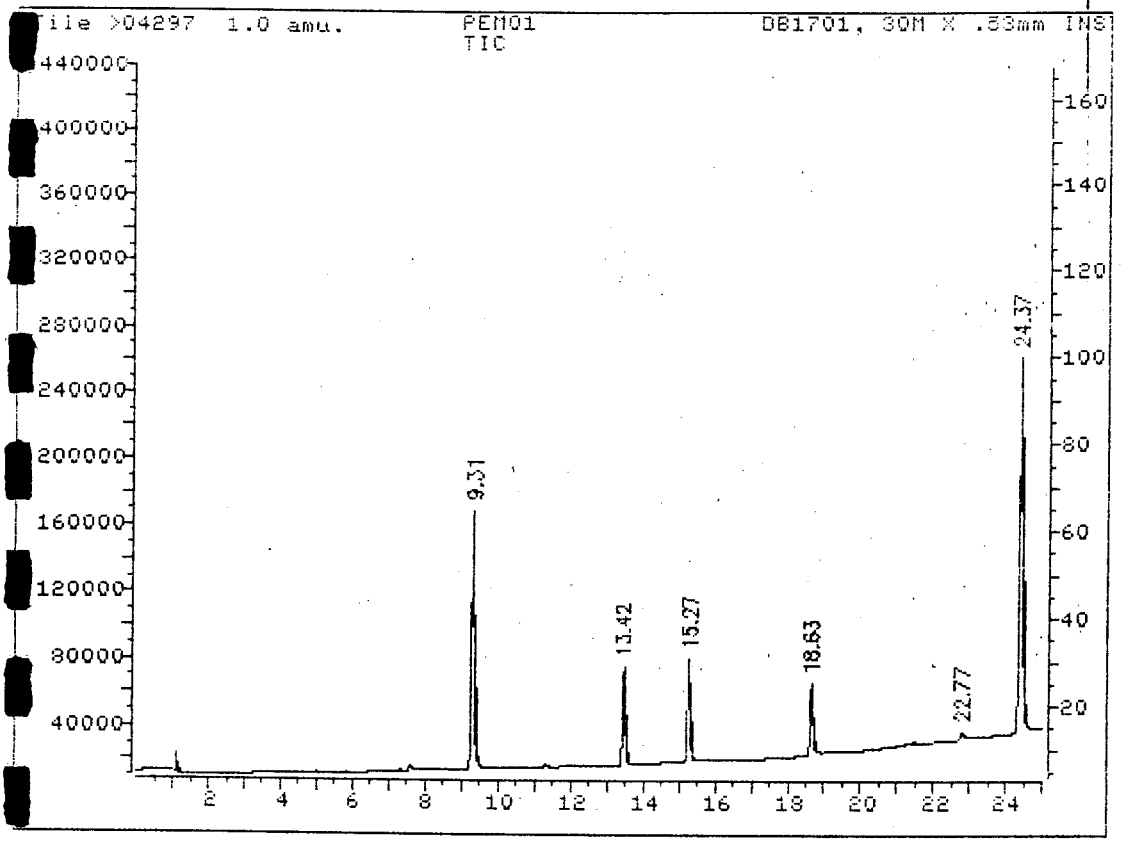
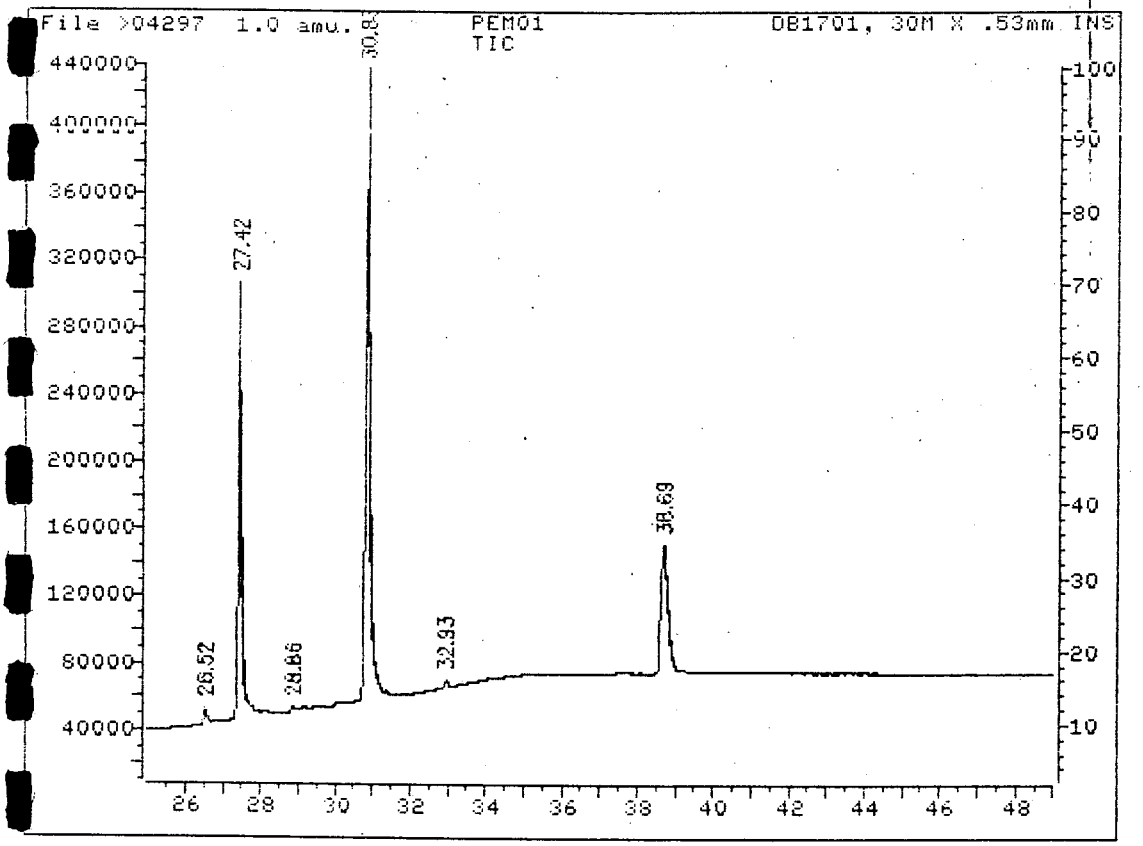


MS data file header from : >04297::G1

Sample: PEM01A Operator: TRFI2 7/13/96 15:35
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 : >04297::G1

Sample: PEM01A Operator: TRFI2 7/13/96 15:35
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: 960715 08:55
Output File: ^03312::GQ Injected at: 960714 05:17
Data File: >03312::F3 Dilution Factor: 1.00000
Name: PEM02A Instrument ID: GC03
Disc: DB608, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2381929	19.91	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1497	1386140	9.30	ng/ml	100
3)	#beta-BHC	0.010	14.79	1775	803014	9.82	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.36	1723	1324985	9.56	ng/ml	100
11)	#4,4'-DDE		22.83	2740	155733	1.69	ng/ml	100
12)	#Endrin	0.050	24.82	2978	4243560	48.55	ng/ml	100
14)	#4,4'-DDD		25.62	3074	106647	1.73	ng/ml	100
16)	#4,4'-DDT	0.100	27.20	3264	6626307	97.55	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3893	9257702	232.70	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.66	4999	2450640	21.20	ng/ml	100

Compound uses ESTD

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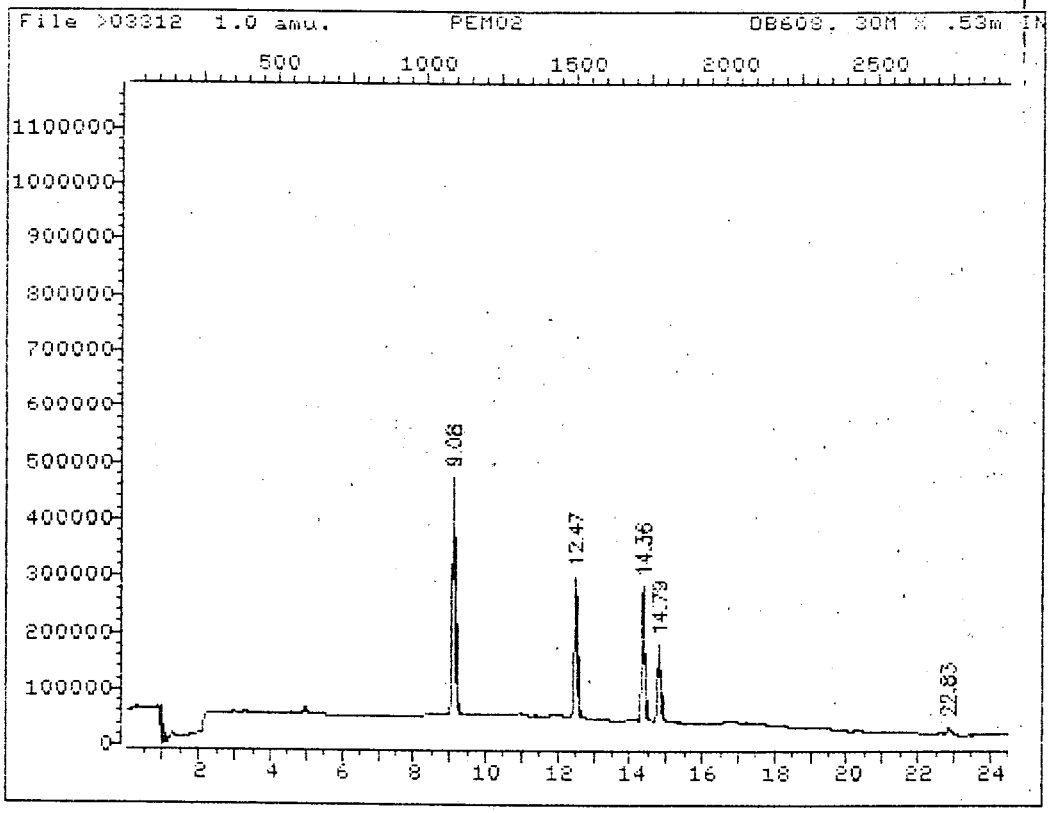
7/22/96



Data File: >03312::F3 Quant Output File: ^03312::GQ
Name: PEM02 Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960715 08:55
Injected at: 960714 05:17

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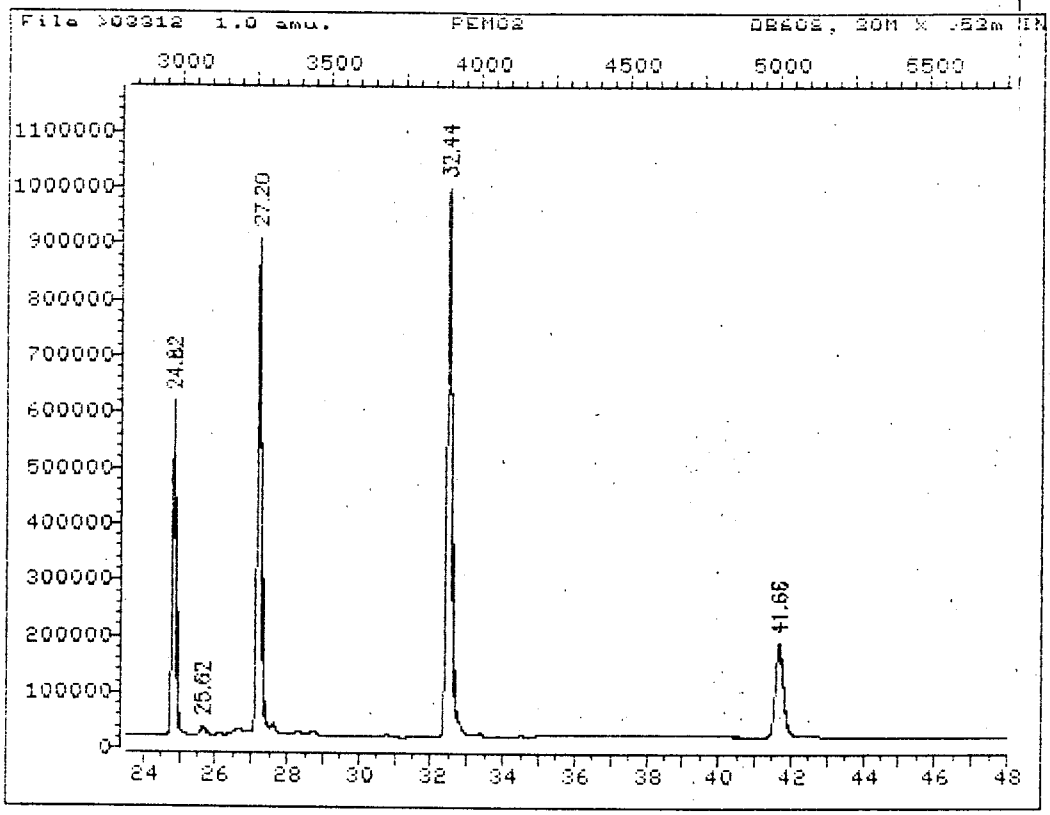

Data File: >03312::F3 Quant Output File: ^03312::GQ
Name: PEM02 Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960715 08:55
Injected at: 960714 05:17

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960715 09:21
Output File: ^04312::GQ Injected at: 960714 05:17
Data File: >04312::G1 Dilution Factor: 1.00000
Name: PEM02A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	0.020	9.31	1117	819186	20.02	ng/ml	100
2) #alpha-BHC	0.010	13.42	1611	297383	9.14	ng/ml	100
3) #beta-BHC	0.010	18.63	2235	232686	9.27	ng/ml	100
5) #gamma-BHC (Lindane)	0.010	15.27	1832	307236	9.03	ng/ml	100
11) #4,4'-DDE		22.79	2735	74968	2.65	ng/ml	100
12) #Endrin	0.050	24.37	2924	1498604	51.61	ng/ml	100
14) #4,4'-DDD		26.54	3184	94242	4.90	ng/ml	100
16) #4,4'-DDT	0.100	27.43	3291	1703546	97.47	ng/ml	100
17) #Methoxychlor	0.250	30.84	3701	3173445	237.08	ng/ml	100
18) #Endrin ketone		32.94	3952	121750	3.84	ng/ml	100
19) #Decachlorobiphenyl	0.020	38.71	4645	966018	21.06	ng/ml	100
30) #Endrin aldehyde		28.87	3464	31861	.991	ng/ml	100

Compound uses ESTD

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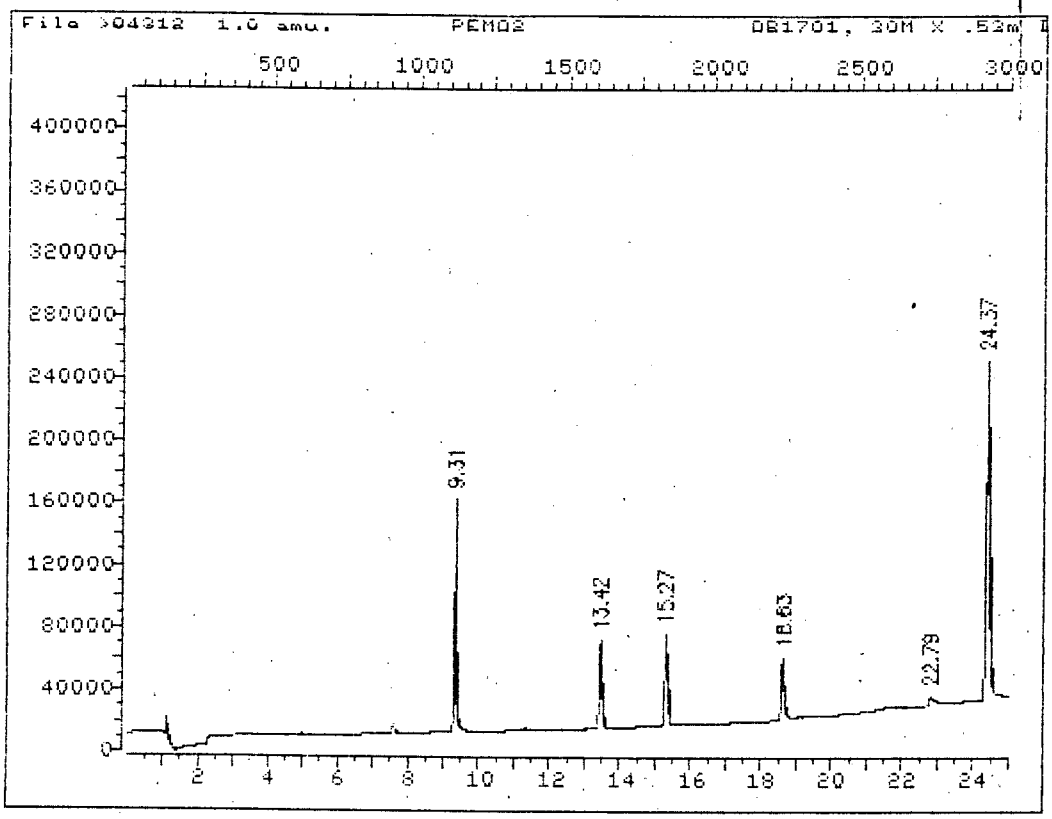
7/22/96



Data File: >04312::G1 Quant Output File: ^04312::GQ
Name: PEM02 Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960715 09:21
Injected at: 960714 05:17

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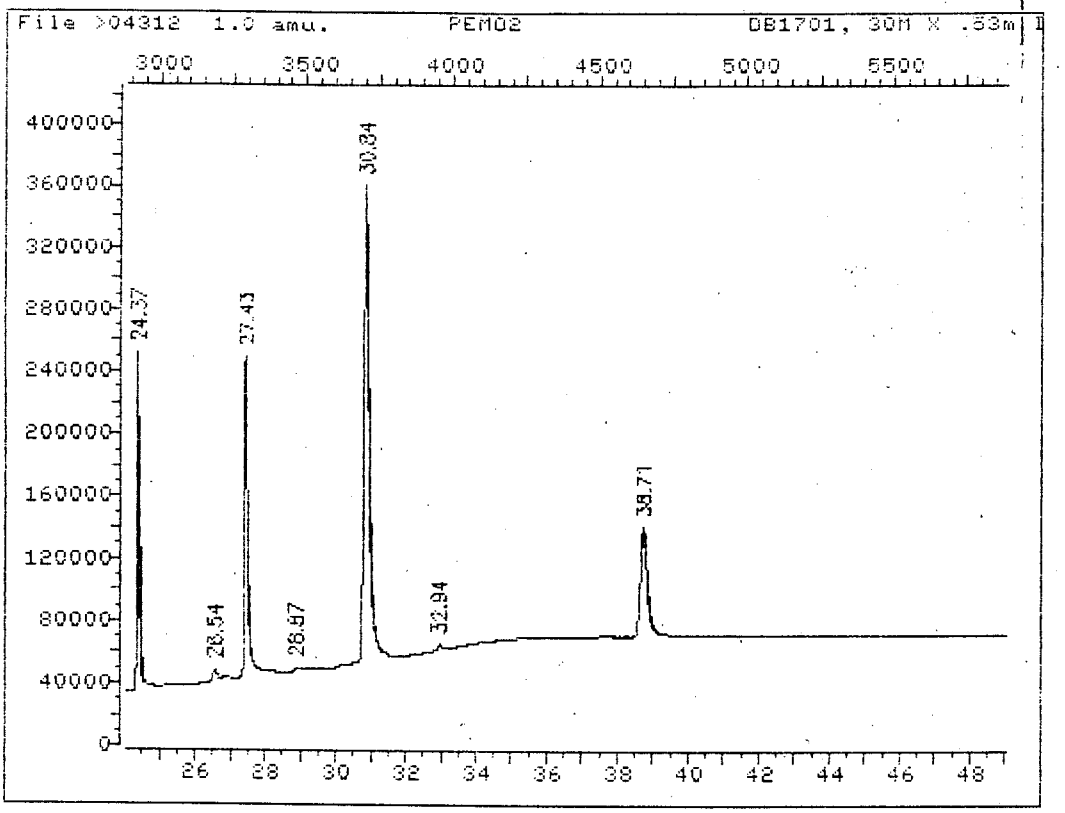

Data File: >04312::G1 Quant Output File: ^04312::GQ
Name: PEM02 Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960715 09:21
Injected at: 960714 05:17

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QUANT REPORT

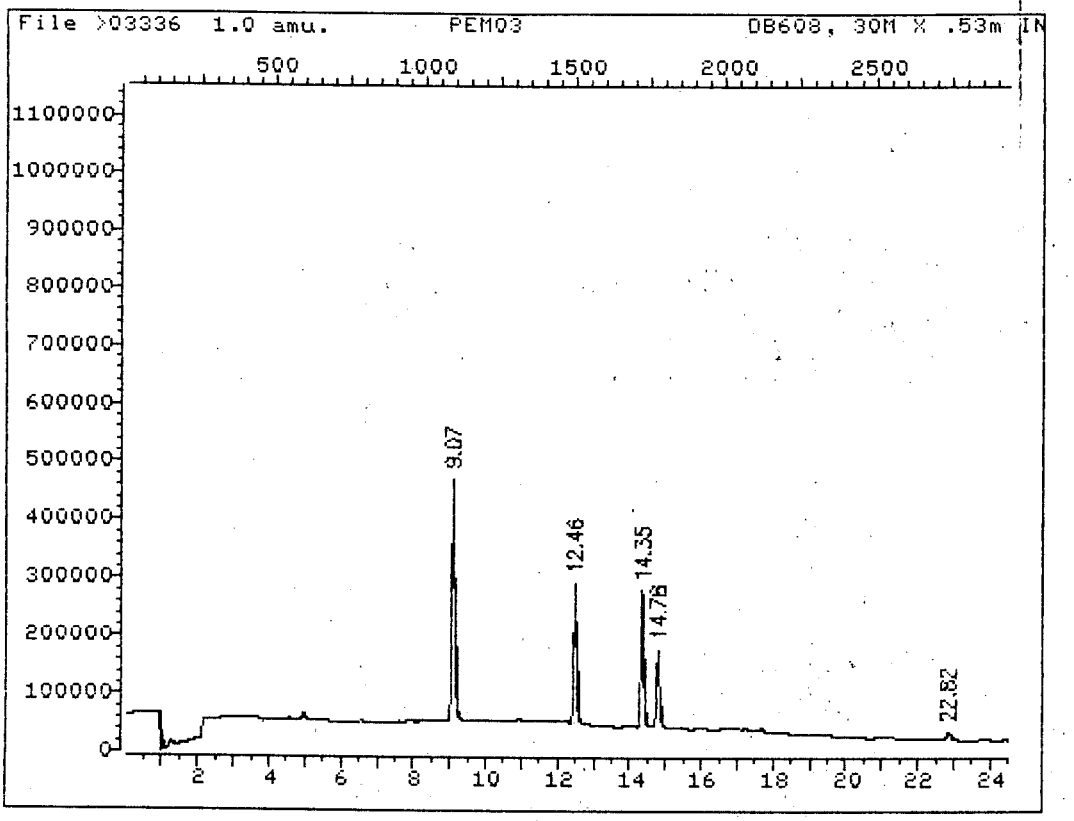
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960715 09:15
Output File: ^03336::GQ Injected at: 960715 03:26
Data File: >03336::F3 Dilution Factor: 1.00000
Name: PEM03A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2393872	20.01	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1460237	9.80	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	795583	9.73	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1318520	9.52	ng/ml	100
11)	#4,4'-DDE		22.82	2738	61800	.669	ng/ml	100
12)	#Endrin	0.050	24.81	2977	4209126	48.16	ng/ml	100
14)	#4,4'-DDD		25.62	3074	84474	1.37	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3262	6483473	95.44	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3892	9081414	228.26	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.64	4997	2427843	21.00	ng/ml	100

Compound uses ESTD

7/21/96



Data File: >03336::F3 Quant Output File: ^03336::GQ
Name: PEM03 Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960715 09:15
Injected at: 960715 03:26

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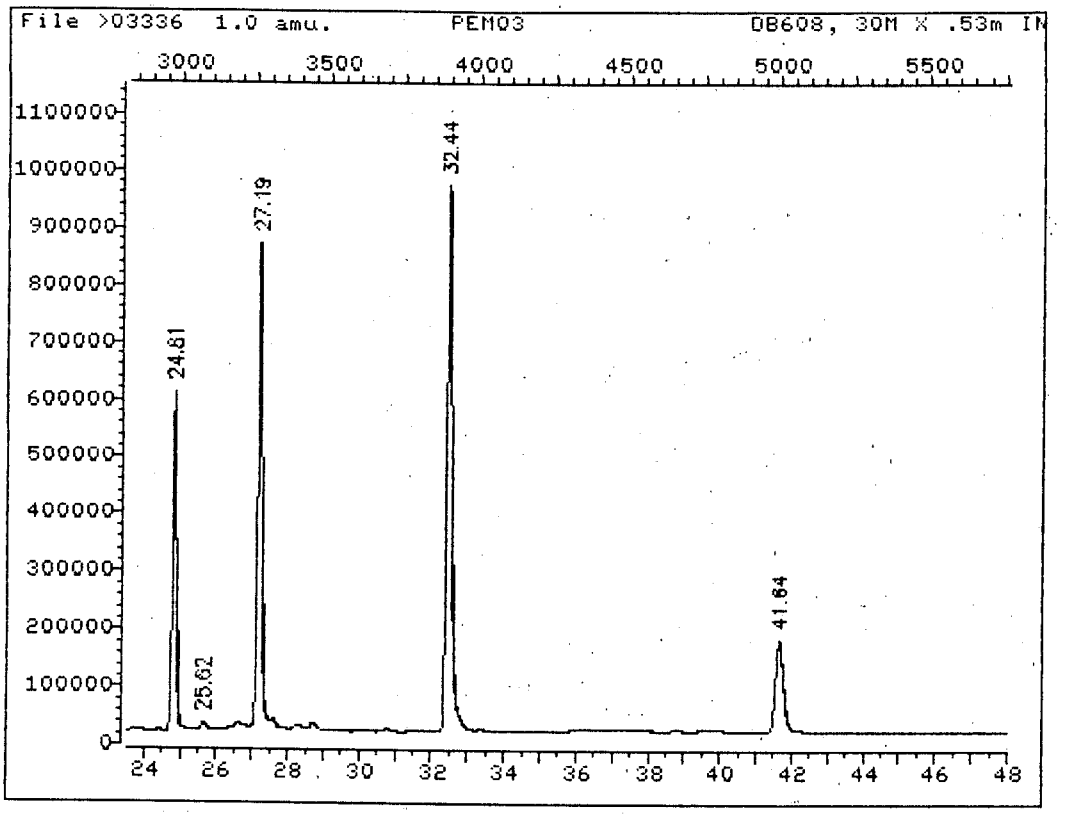

Data File: >03336::F3 Quant Output File: ^03336::GQ
Name: PEM03 Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960715 09:15
Injected at: 960715 03:26

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QUANT REPORT

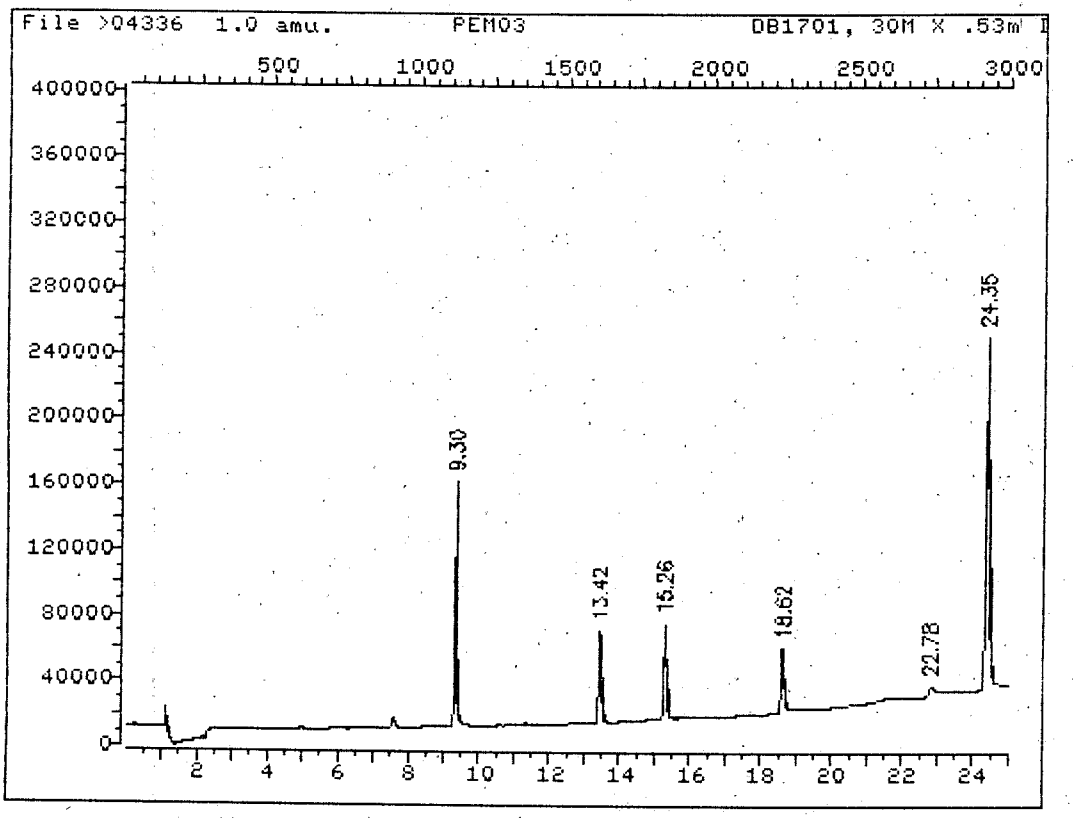
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960715 09:43
Output File: ^04336::GQ Injected at: 960715 03:26
Data File: >04336::G1 Dilution Factor: 1.00000
Name: PEM03A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	Ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	831086	20.31	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	297585	9.14	ng/ml	100
3)	#beta-BHC	0.010	18.62	2234	238257	9.49	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.26	1831	313848	9.23	ng/ml	100
11)	#4,4'-DDE		22.78	2734	84977	3.00	ng/ml	100
12)	#Endrin	0.050	24.35	2922	1474518	50.78	ng/ml	100
14)	#4,4'-DDD		26.52	3182	94682	4.93	ng/ml	100
16)	#4,4'-DDT	0.100	27.42	3290	1664600	95.24	ng/ml	100
17)	#Methoxychlor	0.250	30.84	3701	3146755	235.08	ng/ml	100
18)	#Endrin ketone		32.92	3950	35403	1.12	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.70	4644	949490	20.70	ng/ml	100
30)	#Endrin aldehyde		28.86	3463	24213	.753	ng/ml	100

Compound uses ESTD

7/21/96



Data File: >04336::G1 Quant Output File: ^04336::GQ
Name: PEM03 Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960715 09:43
Injected at: 960715 03:26

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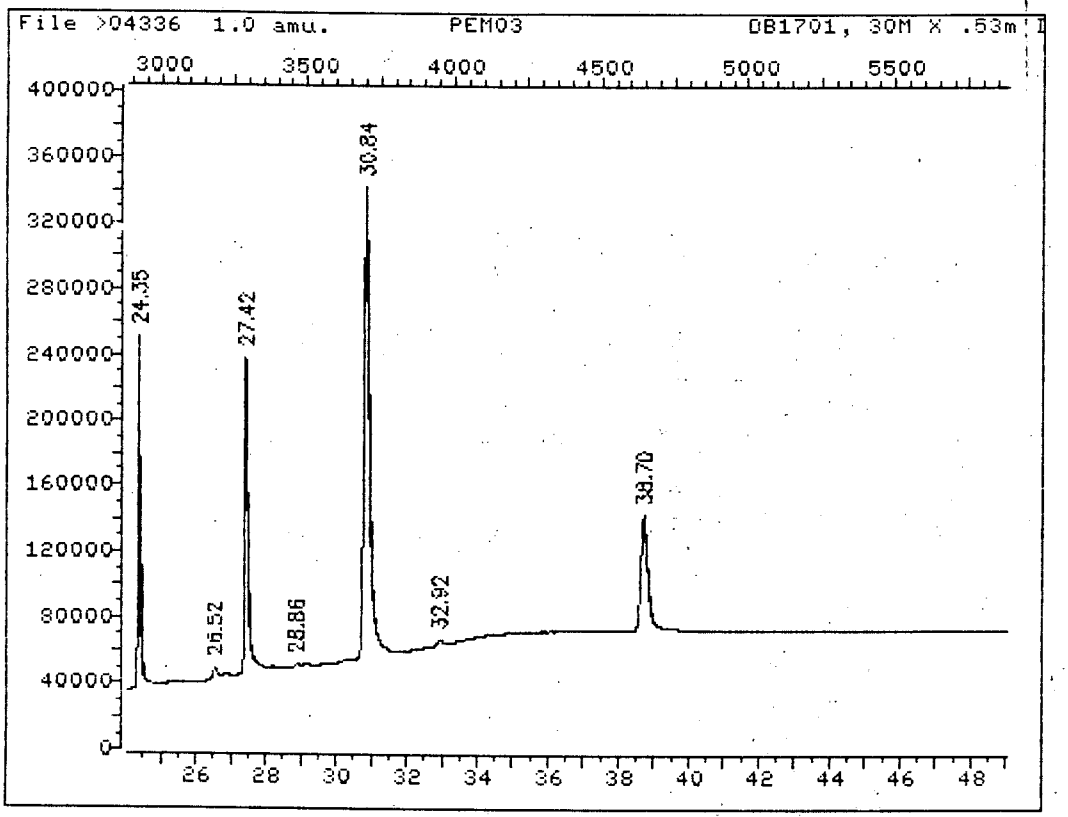

Data File: >04336::G1 Quant Output File: ^04336::GQ
Name: PEM03 Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960715 09:43
Injected at: 960715 03:26

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QUANT REPORT

Operator ID: TRFI2
Output File: ^03359::GQ
Data File: >03359::F3
Name: PEM04 A
Disc: DB608, 30M X .53m INST 58903, 1ul INJ

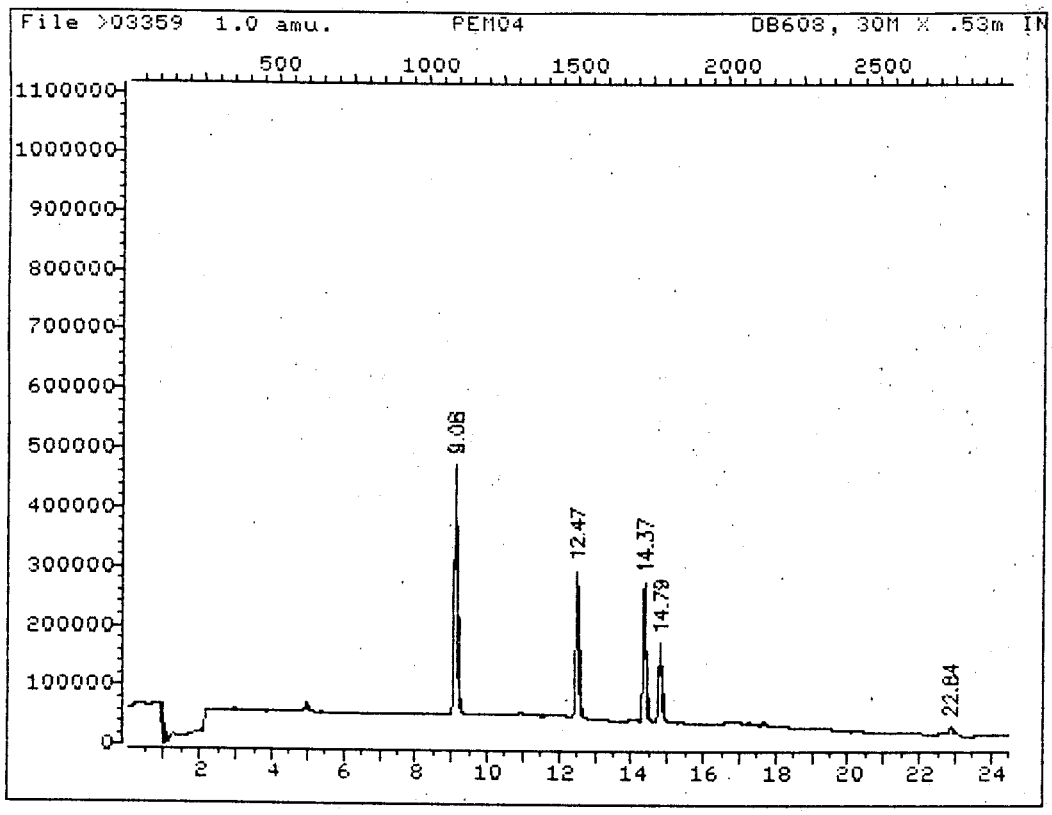
Quant Rev: 7
Quant Time: 960716 01:21
Injected at: 960716 00:31
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	Ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2412423	20.17	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1497	1400929	9.40	ng/ml	100
3)	#beta-BHC	0.010	14.79	1775	796858	9.74	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.37	1724	1320117	9.53	ng/ml	100
11)	#4,4'-DDE		22.84	2741	163377	1.77	ng/ml	100
12)	#Endrin	0.050	24.83	2979	4204488	48.10	ng/ml	100
14)	#4,4'-DDD		25.64	3076	103938	1.68	ng/ml	100
16)	#4,4'-DDT	0.100	27.20	3264	6441269	94.82	ng/ml	100
17)	#Methoxychlor	0.250	32.45	3894	9043746	227.32	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.68	5001	2419227	20.92	ng/ml	100
30)	#Endrin aldehyde		27.61	3313	123934	1.53	ng/ml	100

Compound uses ESTD

7/19/96



Data File: >03359::F3 Quant Output File: ^03359::GQ
Name: PEM04 Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960716 01:21
Injected at: 960716 00:31

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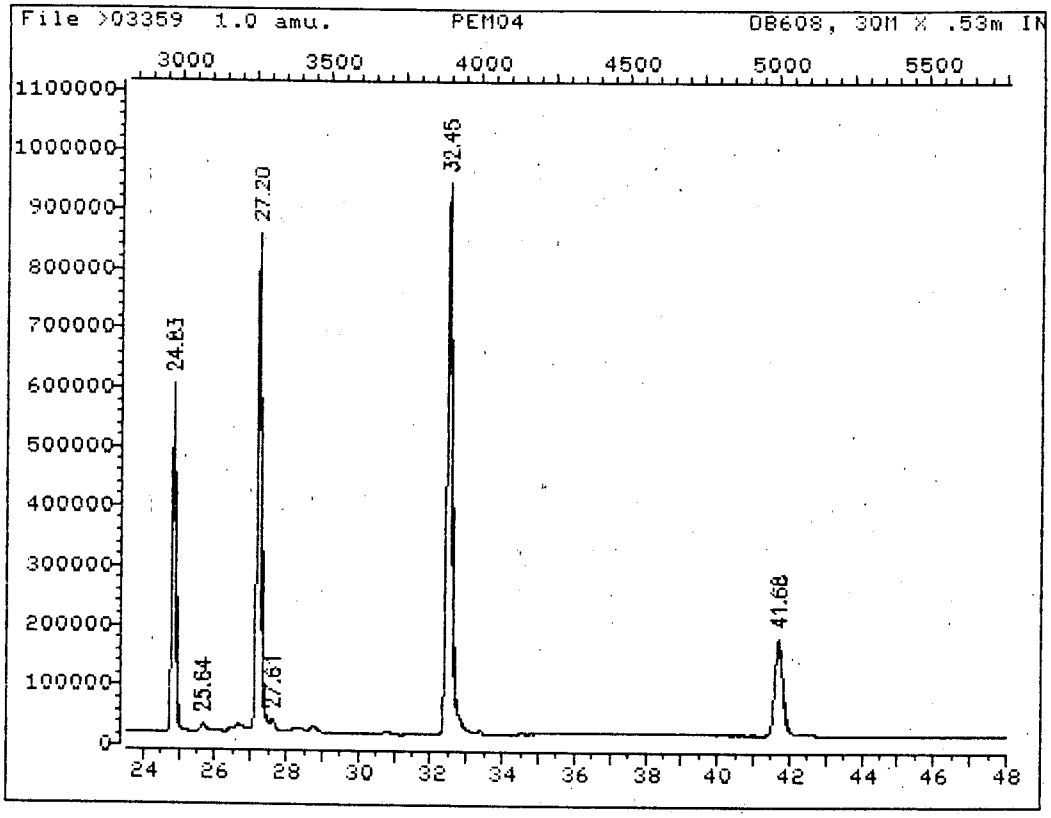

Data File: >03359::F3 Quant Output File: ^03359::GQ
Name: PEM04 Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960716 01:21
Injected at: 960716 00:31

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QUANT REPORT

Operator ID: TRFI2
Output File: ^04359::GQ
Data File: >04359::G1
Name: PEM04 A
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

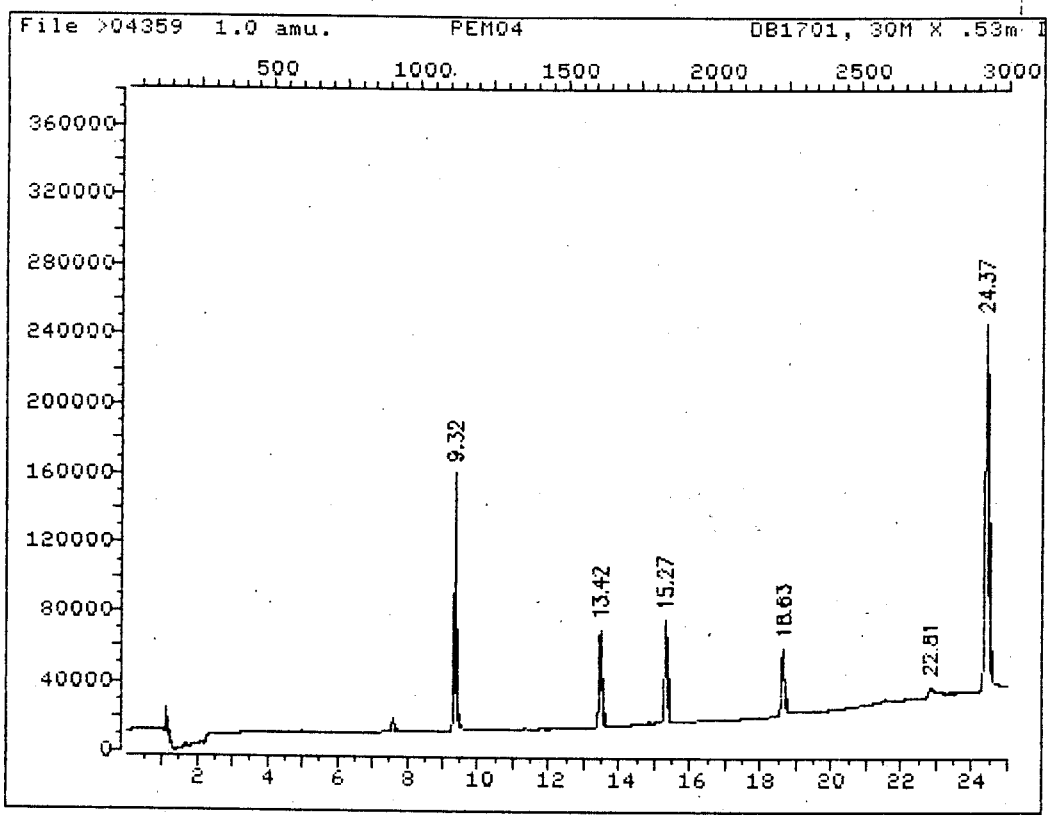
Quant Rev: 7
Quant Time: 960716 01:23
Injected at: 960716 00:31
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	Ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	818965	20.02	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1611	297722	9.15	ng/ml	100
3)	#beta-BHC	0.010	18.63	2235	277854	11.07	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1833	311515	9.16	ng/ml	100
11)	#4,4'-DDE		22.81	2737	88614	3.13	ng/ml	100
12)	#Endrin	0.050	24.37	2924	1434915	49.41	ng/ml	100
14)	#4,4'-DDD		26.54	3185	88429	4.60	ng/ml	100
16)	#4,4'-DDT	0.100	27.44	3292	1597991	91.43	ng/ml	100
17)	#Methoxychlor	0.250	30.86	3703	3020191	225.63	ng/ml	100
18)	#Endrin ketone		32.94	3952	122643	3.87	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.73	4647	959695	20.93	ng/ml	100
30)	#Endrin aldehyde		28.88	3465	27766	.864	ng/ml	100

Compound uses ESTD

7/19/96



Data File: >04359::G1 Quant Output File: ^04359::GQ
Name: PEM04 Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960716 01:23
Injected at: 960716 00:31

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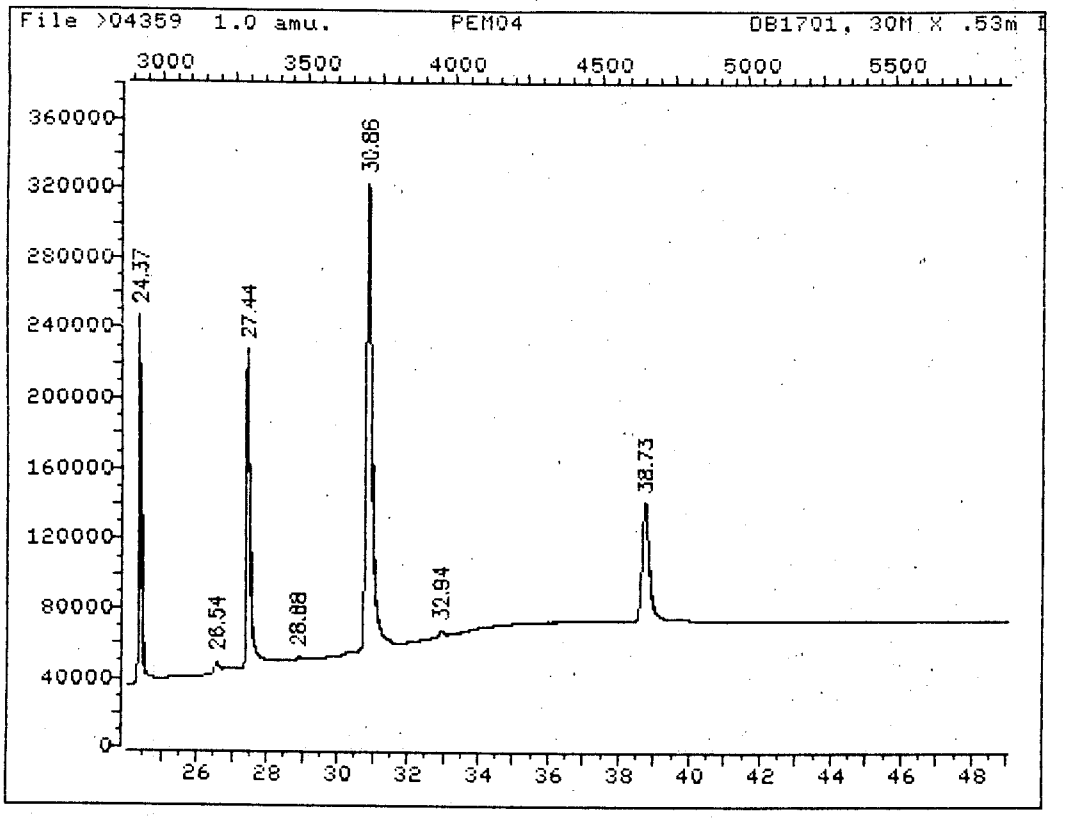

Data File: >04359::G1 Quant Output File: ^04359::GQ
Name: PEM04 Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960716 01:23
Injected at: 960716 00:31

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960716 21:27
Output File: ^03381::GQ Injected at: 960716 20:37
Data File: >03381::F3 Dilution Factor: 1.00000
Name: ~~PEM04~~ PEM05A Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ
TMo 7/24/96

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	NG (MU)	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2409722	20.14	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1496	1473861	9.89	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	800921	9.79	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.35	1722	1318690	9.52	ng/ml	100
11)	#4,4'-DDE		22.83	2739	157016	1.70	ng/ml	100
12)	#Endrin	0.050	24.81	2977	4172153	47.73	ng/ml	100
14)	#4,4'-DDD		25.62	3074	84806	1.37	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3262	6424058	94.57	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3892	9010316	226.48	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.64	4997	2371584	20.51	ng/ml	100

Compound uses ESTD

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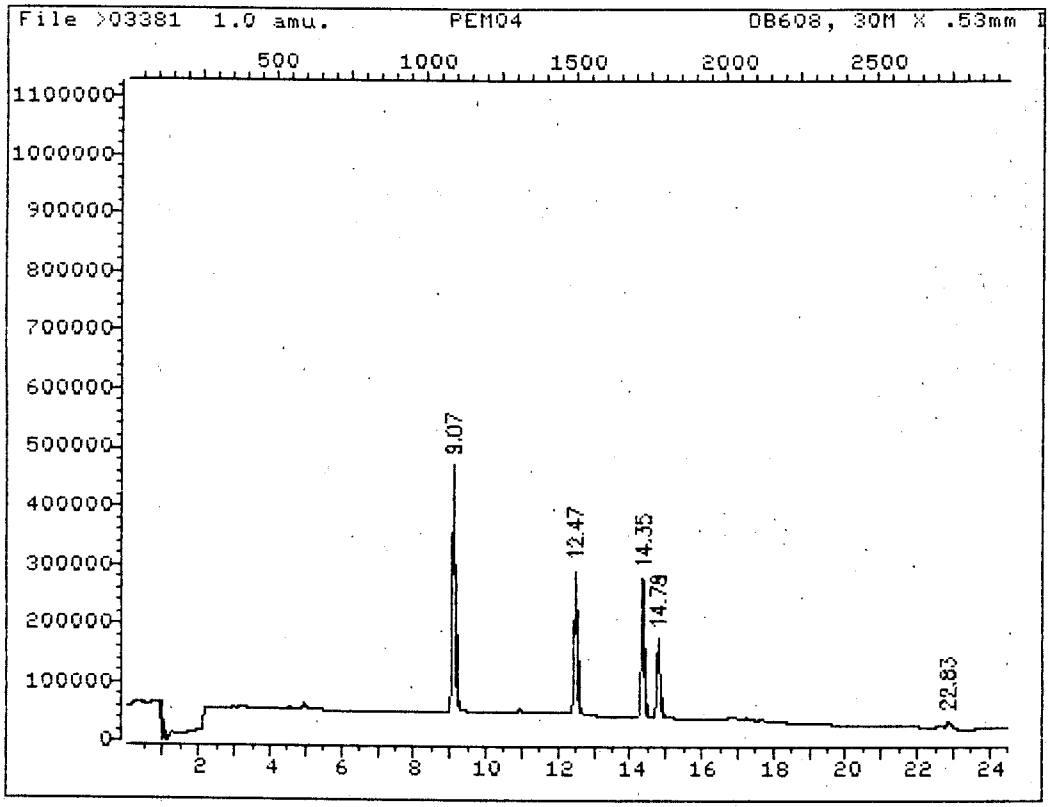

Data File: >03381::F3 Quant Output File: ^03381::GQ
Name: PEM04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960716 21:27
Injected at: 960716 20:37

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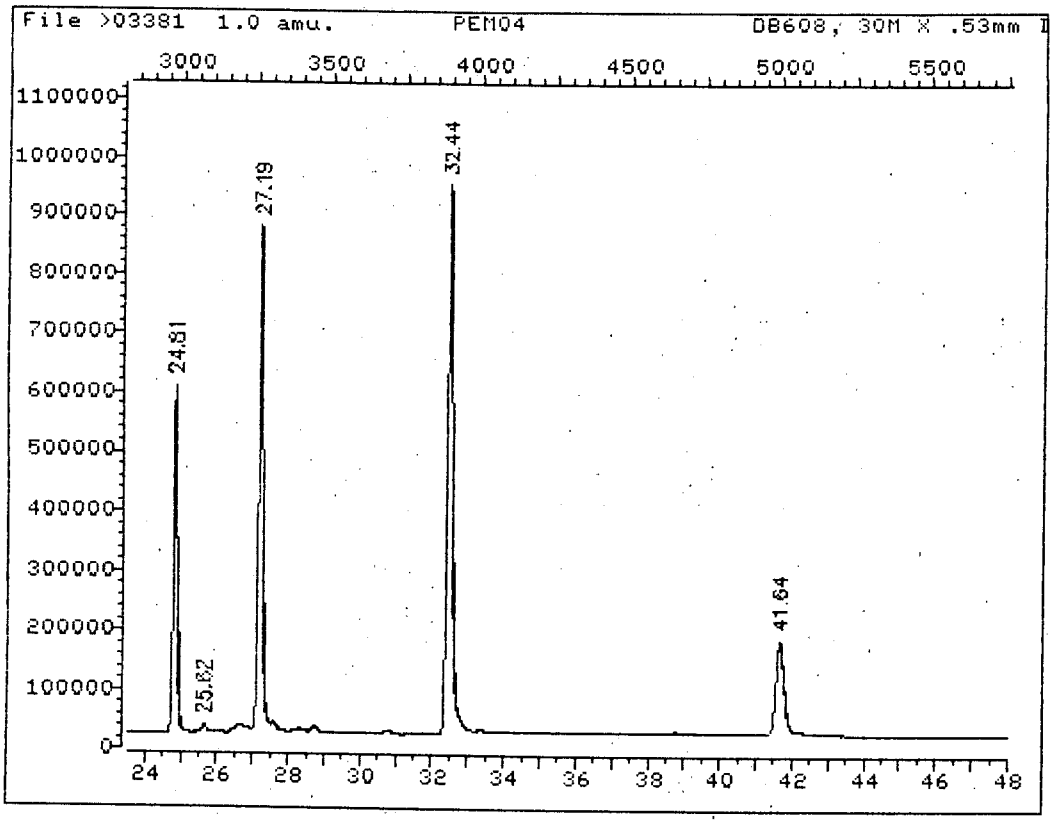

Data File: >03381::F3 Quant Output File: ^03381::GQ
Name: PEM04 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960716 21:27
Injected at: 960716 20:37

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QUANT REPORT

Operator ID: TRFI2
Output File: ^04381::GQ
Data File: >04381::G1
Name: PEM0~~7~~5A
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960716 21:29
Injected at: 960716 20:37
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	NG INJ	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	833111	20.36	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1610	301181	9.25	ng/ml	100
3)	#beta-BHC	0.010	18.62	2234	263156	10.49	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.26	1831	312407	9.19	ng/ml	100
11)	#4,4'-DDE		22.78	2734	65101	2.30	ng/ml	100
12)	#Endrin	0.050	24.36	2923	1469986	50.62	ng/ml	100
14)	#4,4'-DDD		26.53	3183	107150	5.57	ng/ml	100
16)	#4,4'-DDT	0.100	27.42	3290	1673263	95.74	ng/ml	100
17)	#Methoxychlor	0.200	30.84	3700	3261036	243.62	ng/ml	100
18)	#Endrin ketone		32.92	3950	118391	3.73	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.69	4643	937841	20.45	ng/ml	100
30)	#Endrin aldehyde		28.85	3462	23901	.743	ng/ml	100

Compound uses ESTD

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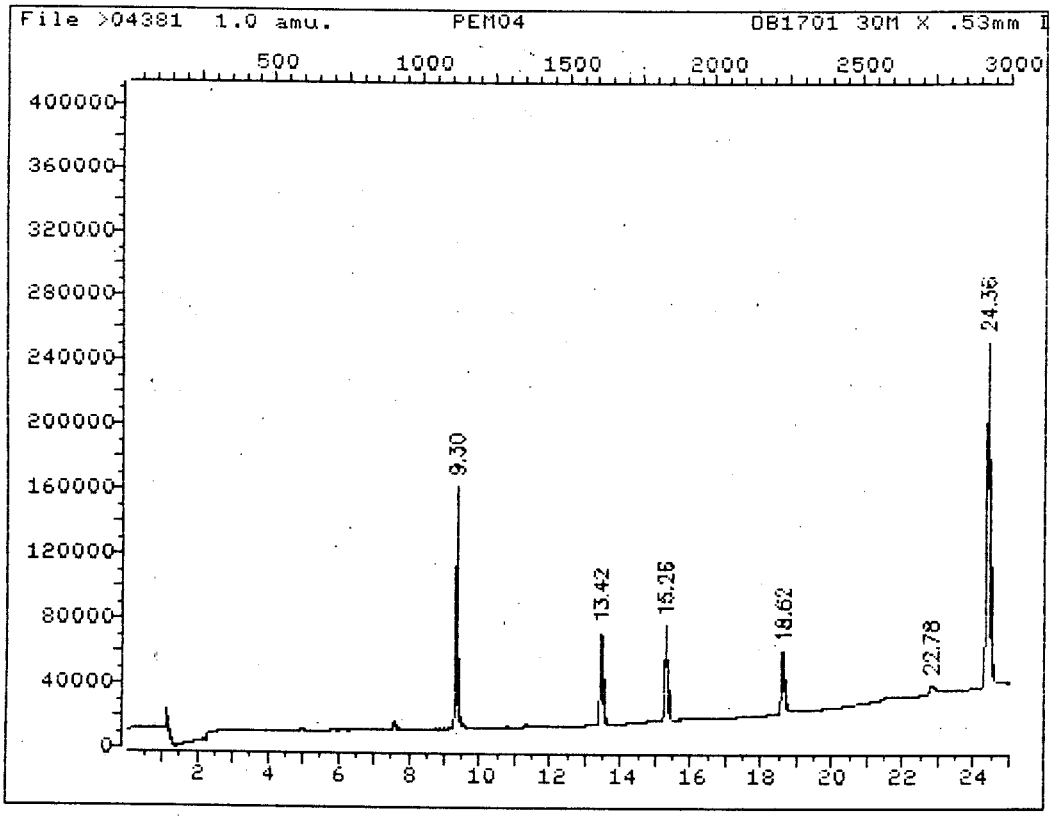
7/22/96



Data File: >04381::G1 Quant Output File: ^04381::GQ
Name: PEM04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960716 21:29
Injected at: 960716 20:37

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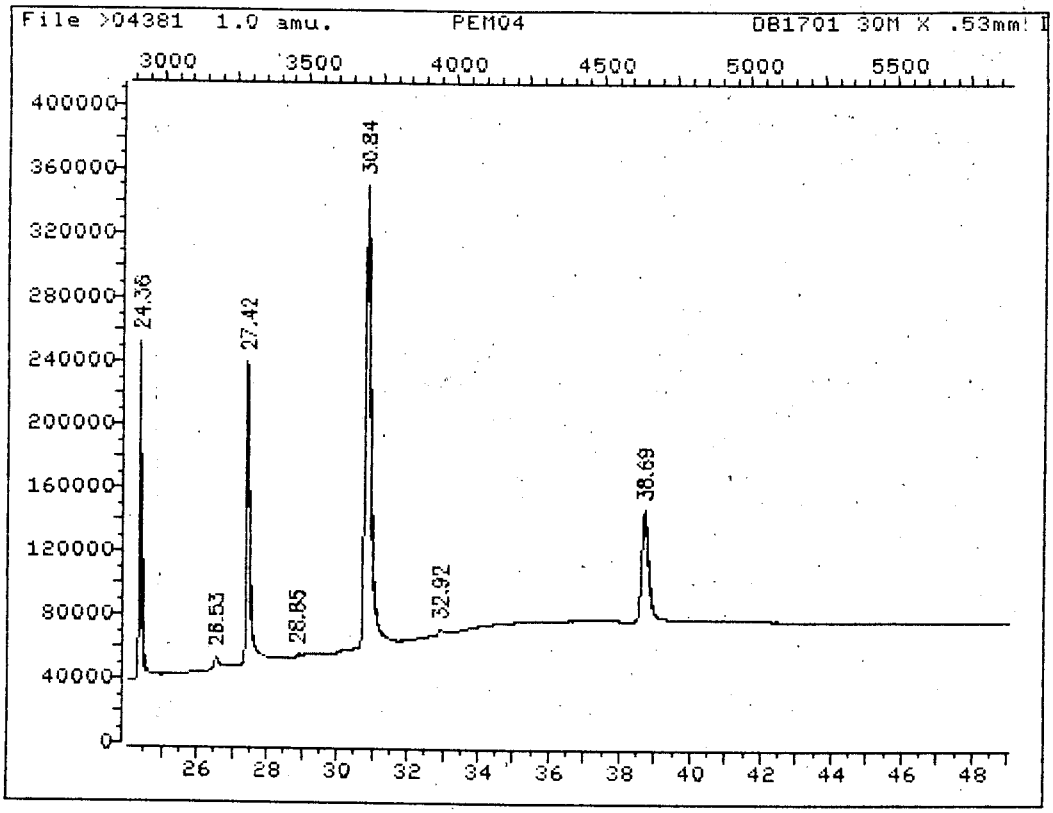

Data File: >04381::G1 Quant Output File: ^04381::GQ
Name: PEM04 Instrument ID: GC04
Misc: DB1701 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960716 21:29
Injected at: 960716 20:37

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QUANT REPORT

Operator ID: TRFI2
Output File: ^03395::GQ
Data File: >03395::G2
Name: ~~PEM05~~ PEM06A
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ
7/24/96
ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07

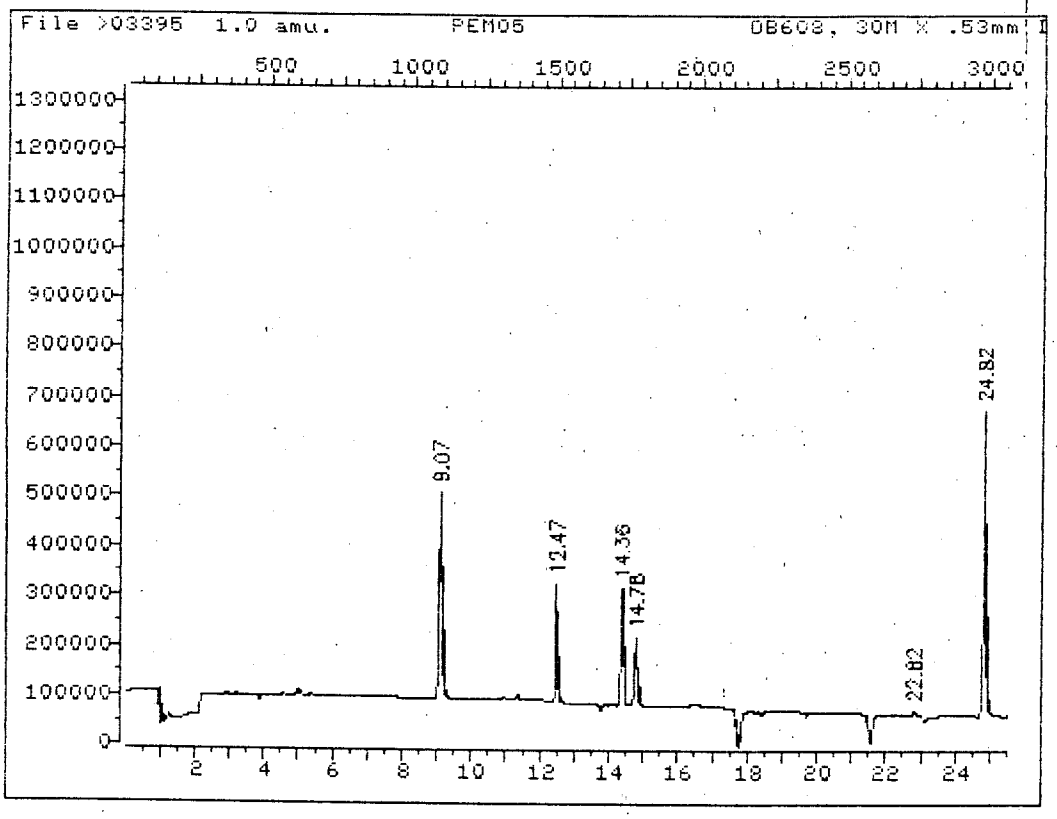
Quant Rev: 7
Quant Time: 960717 09:34
Injected at: 960717 08:41
Dilution Factor: 1.00000
Instrument ID: GC03

Last Qcal Time: 960713 22:00

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2385130	19.94	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1496	1320153	8.86	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	759946	9.29	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.36	1723	1336179	9.64	ng/ml	100
11)	#4,4'-DDE		22.82	2738	238052	2.58	ng/ml	100
12)	#Endrin	0.050	24.82	2978	4361557	49.90	ng/ml	100
14)	#4,4'-DDD		25.60	3072	145931	2.36	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3263	6938501	102.14	ng/ml	100
17)	#Methoxychlor	0.250	32.43	3891	9201996	231.30	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.63	4996	2396586	20.73	ng/ml	100
30)	#Endrin aldehyde		27.59	3311	53030	.656	ng/ml	100

Compound uses ESTD

EPrice
7/22/96



Data File: >03395::G2 Quant Output File: ^03395::GQ
Name: PEM05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960717 09:34
Injected at: 960717 08:41

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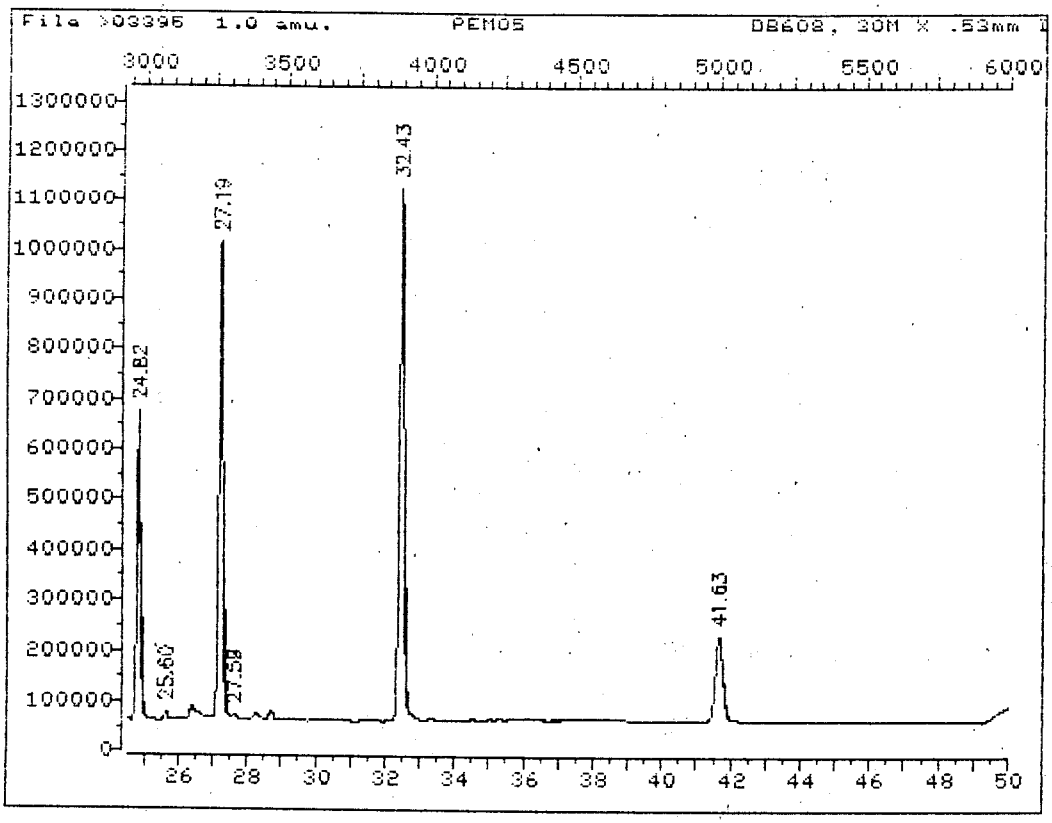

Data File: >03395::G2 Quant Output File: ^03395::GQ
Name: PEM05 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960717 09:34
Injected at: 960717 08:41

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QUANT REPORT

Operator ID: TRFI2
Output File: ^04395::GQ
Data File: >04395::G4
Name: ~~PEM05A~~ PEM06A
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7 Quant Time: 960717 09:32
Injected at: 960717 08:41
Dilution Factor: 1.00000
Instrument ID: GC04

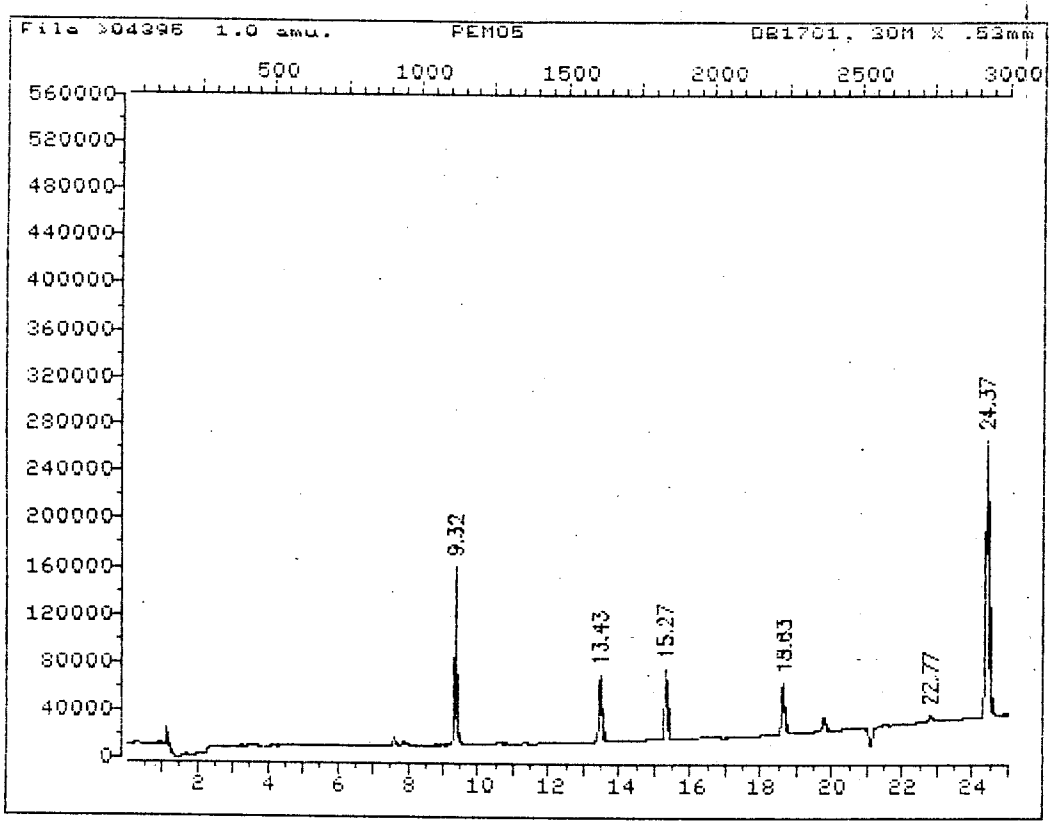
JYM 7/24/96

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	816262	19.95	ng/ml	100
2)	#alpha-BHC	0.010	13.43	1612	293915	9.03	ng/ml	100
3)	#beta-BHC	0.010	18.63	2235	299151	11.92	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1833	315783	9.28	ng/ml	100
11)	#4,4'-DDE		22.77	2732	48323	1.71	ng/ml	100
12)	#Endrin	0.050	24.37	2924	1492940	51.41	ng/ml	100
14)	#4,4'-DDD		26.51	3181	124329	6.47	ng/ml	100
16)	#4,4'-DDT	0.100	27.41	3289	1973046	112.89	ng/ml	100
17)	#Methoxychlor	0.250	30.83	3699	3544914	264.83	ng/ml	100
18)	#Endrin ketone		32.91	3949	111571	3.52	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.68	4642	945966	20.63	ng/ml	100
30)	#Endrin aldehyde		28.85	3462	13902	.432	ng/ml	100

Compound uses ESTD

EPrice
7/22/96



Data File: >04395::G4 Quant Output File: ^04395::GQ
Name: PEM05 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960717 09:32
Injected at: 960717 08:41

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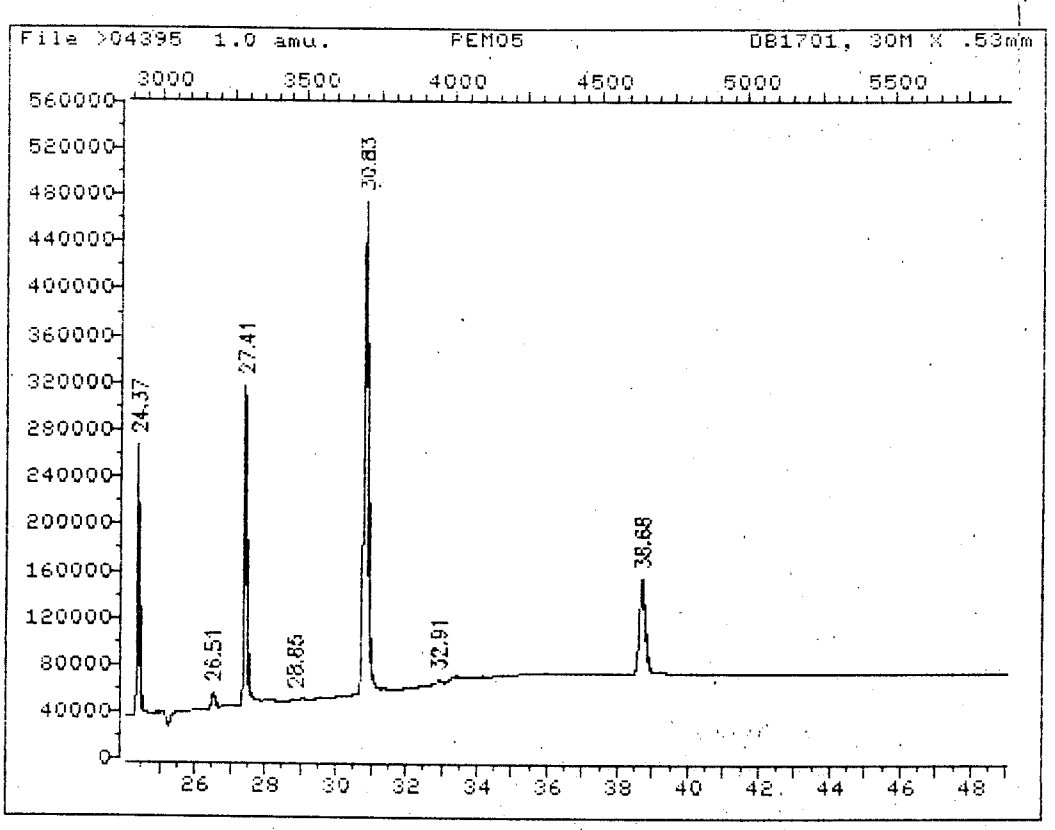

Data File: >04395::G4 Quant Output File: ^04395::GQ
Name: PEM05 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960717 09:32
Injected at: 960717 08:41

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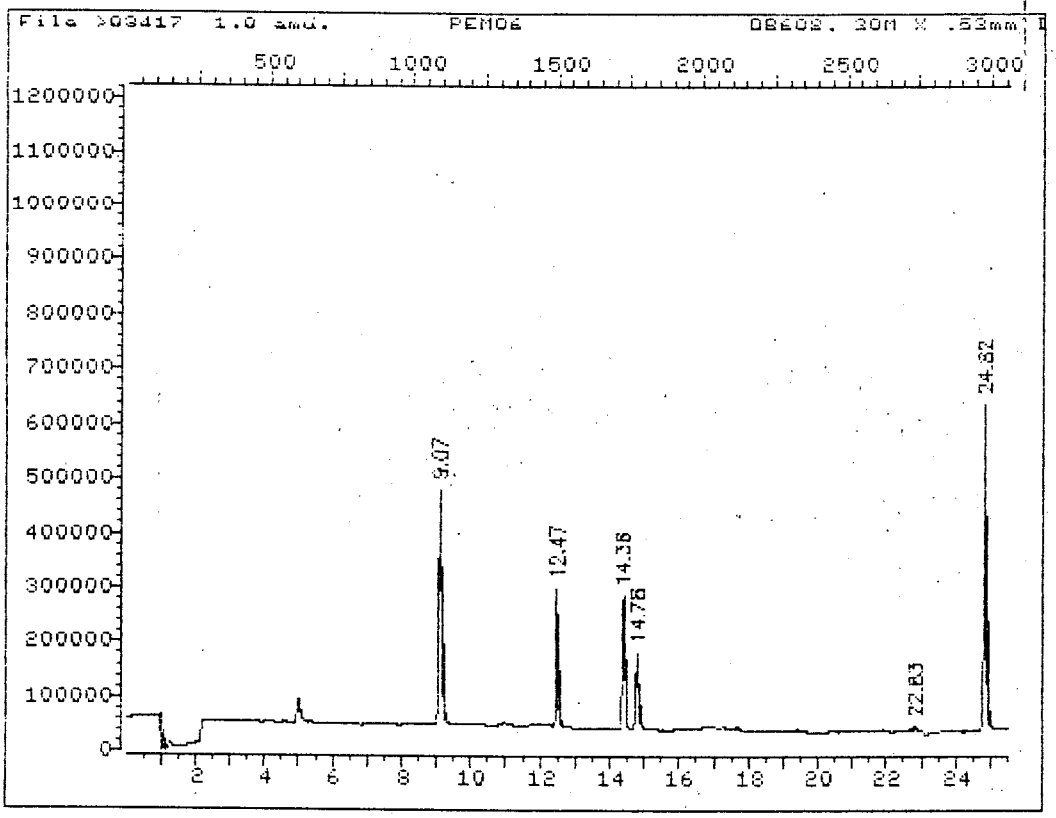
QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7. Quant Time: 960718 05:41
Output File: ^03417::GQ Injected at: 960718 04:48
Data File: >03417::G2 Dilution Factor: 1.00000
Name: ~~PEM06~~ PEM07A Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ
JMo 7/24/96
ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1089	2459216	20.56	ng/ml	100
2)	#alpha-BHC	0.010	12.47	1496	1535571	10.30	ng/ml	100
3)	#beta-BHC	0.010	14.78	1774	804222	9.83	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.36	1723	1366725	9.86	ng/ml	100
11)	#4,4'-DDE		22.83	2739	44118	.478	ng/ml	100
12)	#Endrin	0.050	24.82	2978	4227355	48.36	ng/ml	100
14)	#4,4'-DDD		25.61	3073	117437	1.90	ng/ml	100
16)	#4,4'-DDT	0.100	27.19	3263	6546928	96.38	ng/ml	100
17)	#Methoxychlor	0.250	32.44	3892	9158382	230.20	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.65	4998	2217444	19.18	ng/ml	100
30)	#Endrin aldehyde		27.59	3311	61282	.758	ng/ml	100

Compound uses ESTD

E Price
7/22/96

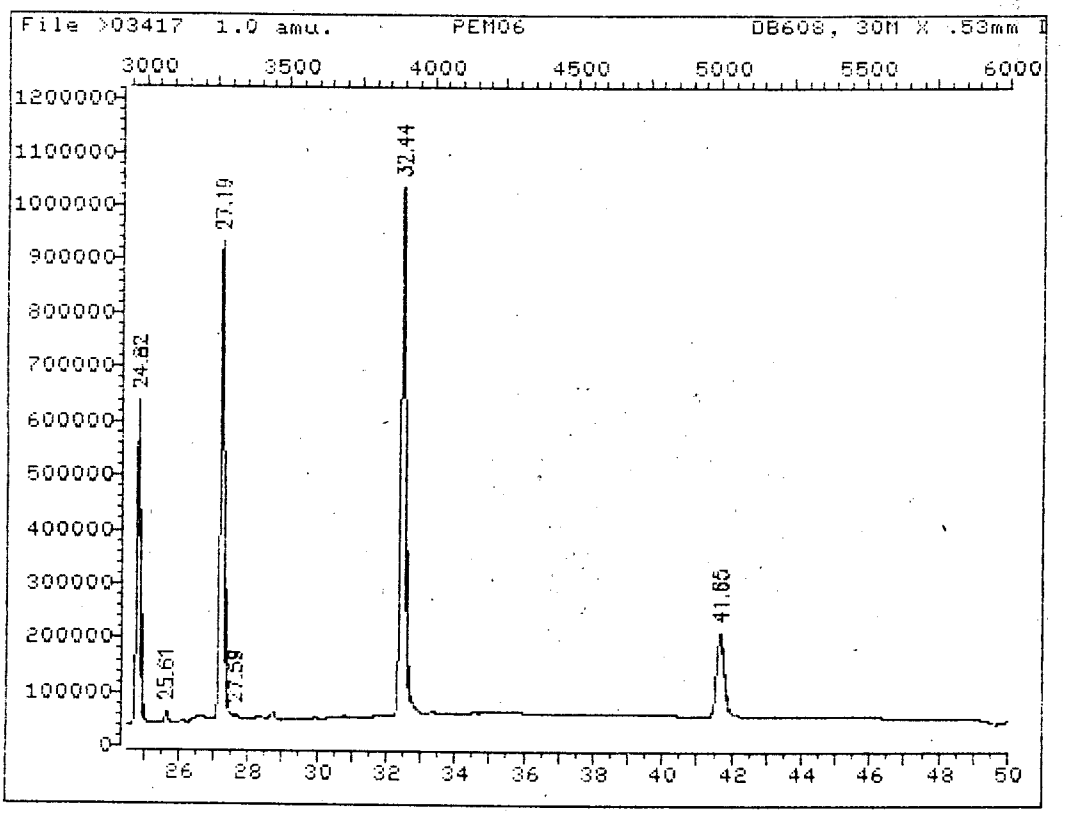


Data File: >03417::G2 Quant Output File: ^03417::GQ
Name: PEM06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960718 05:41
Injected at: 960718 04:48

Page 1 of 2



Data File: >03417::G2 Quant Output File: ^03417::GQ
Name: PEM06 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960718 05:41
Injected at: 960718 04:48

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960718 05:39
Output File: ^04417::G0 Injected at: 960718 04:48
Data File: >04417::G4 Dilution Factor: 1.00000
Name: ~~PEM06~~ PEM07A Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ
7/28/96
ID File: IDCAF6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	834166	20.39	ng/ml	100
2)	#alpha-BHC	0.010	13.42	1611	303463	9.32	ng/ml	100
3)	#beta-BHC	0.010	18.62	2234	220275M	8.78	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.27	1832	316844	9.32	ng/ml	100
11)	#4,4'-DDE		22.78	2733	47890	1.69	ng/ml	100
12)	#Endrin	0.050	24.36	2923	1512577	52.09	ng/ml	100
14)	#4,4'-DDD		26.52	3182	78892	4.10	ng/ml	100
16)	#4,4'-DDT	0.100	27.42	3290	1958317	112.05	ng/ml	100
17)	#Methoxychlor	0.250	30.84	3700	3418556	255.39	ng/ml	100
18)	#Endrin ketone		32.92	3950	31808	1.00	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.69	4643	928974	20.26	ng/ml	100
30)	#Endrin aldehyde		28.85	3462	12582	.391	ng/ml	100

Compound uses ESTD

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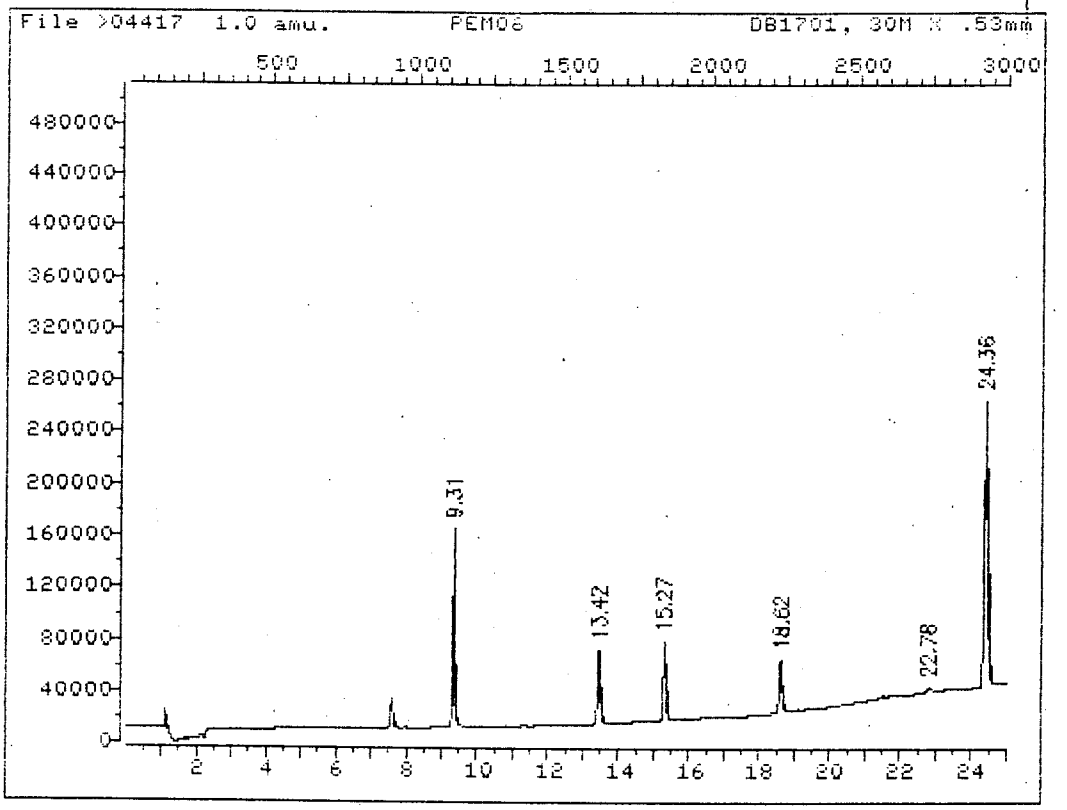
7/22/96



Data File: >04417::G4 Quant Output File: ^04417::GQ
Name: PEM06 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960718 05:39
Injected at: 960718 04:48

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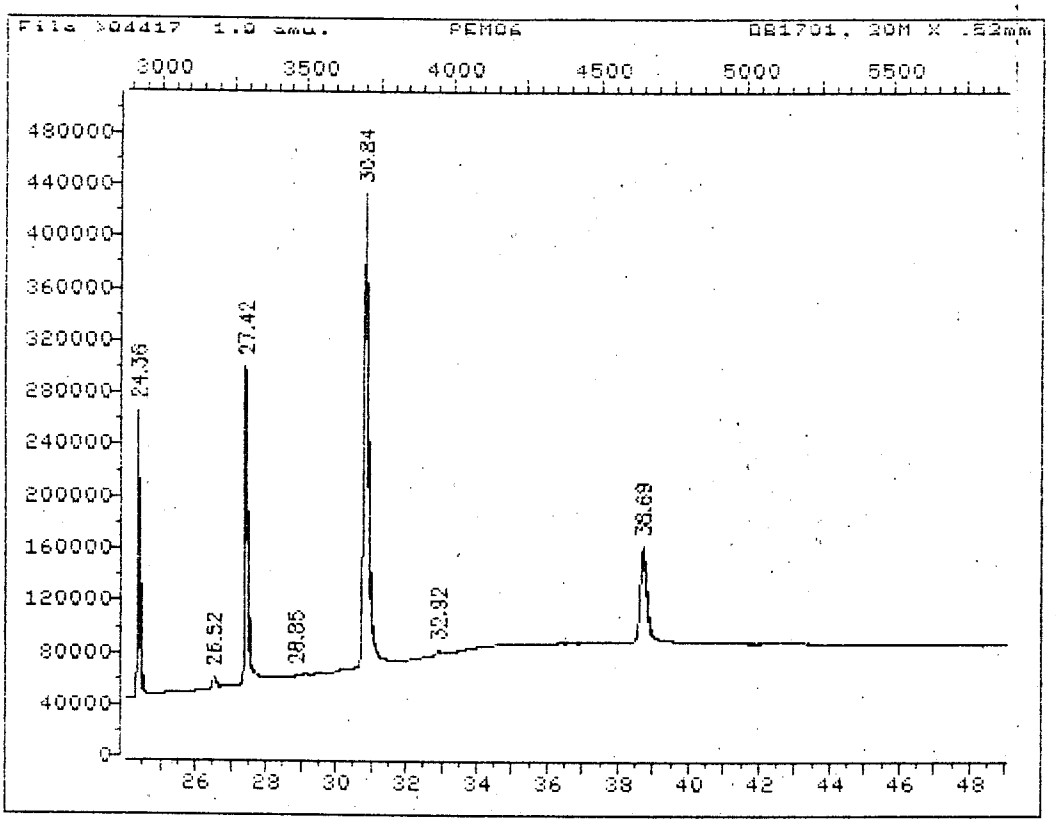

Data File: >04417::G4 Quant Output File: ^04417::GQ
Name: PEM06 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960718 05:39
Injected at: 960718 04:48

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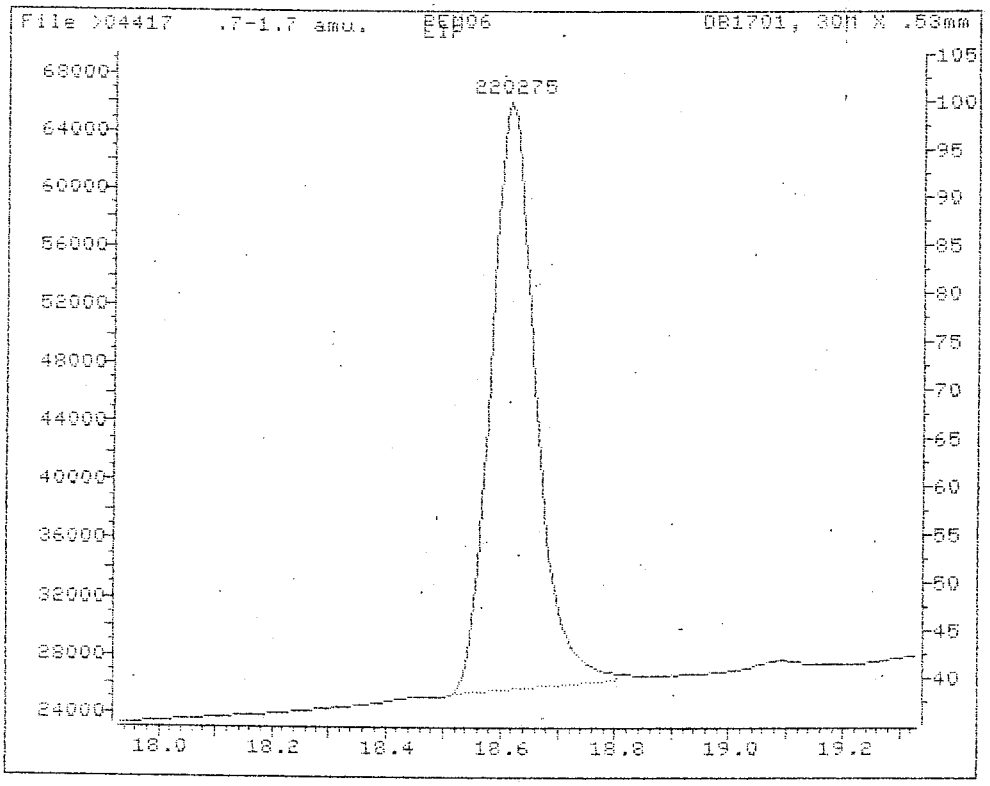
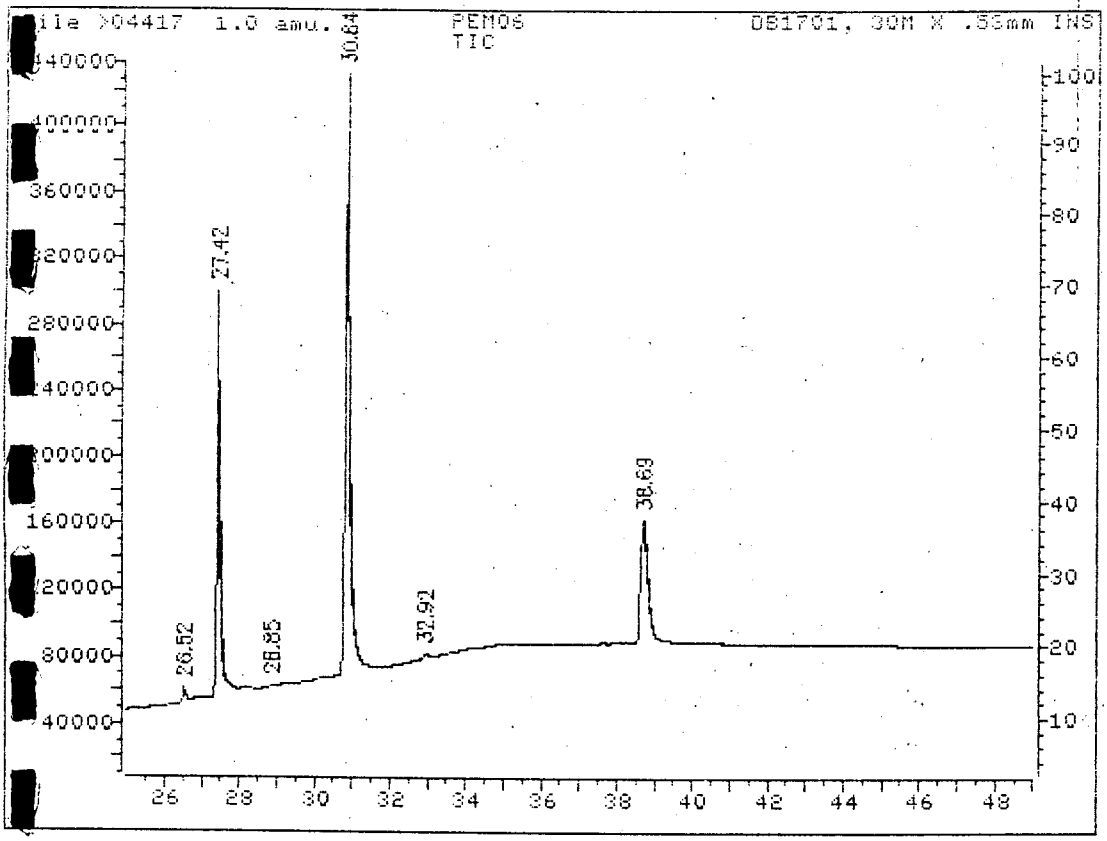


Data File: >04417::G4 Quant Output File: ^04417::GQ
Name: PEM06 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ
Quant Time: 960718 05:39 Quant ID File: IDCAP6::SC
Injected at: 960718 04:48 Last Calibration: 941029 10:07

Compound No: 3
Compound Name: beta-BHC
Scan Number: 2234
Retention Time: 18.62 min.
Quant Ion: 1.0
Area: 220275M
Concentration: 8.78 ng/ml
q-value: 100

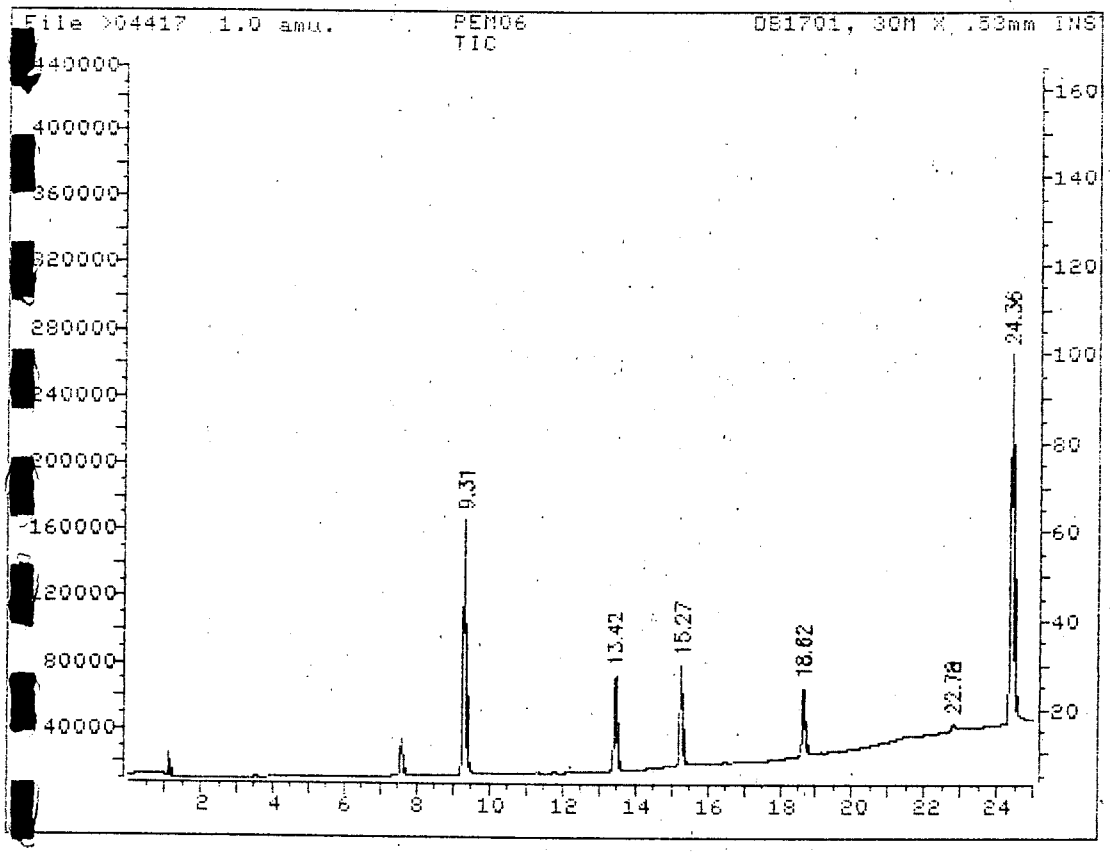
This report was produced by QAREA on: 960723 10:21



MS data file header from : >04417::G4

Sample: PEM06 Operator: TRFI2 7/18/96 4:48
Disc : 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 : >04417::G4

Sample: PEM06 Operator: TRFI2 7/18/96 4:48
Disc : 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: 960722 11:51
Output File: ^03426::GQ Injected at: 960722 09:23
Data File: >03426::G2 Dilution Factor: 1.00000
Name: PEM078EQA Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.07	1088	2524424	21.10	ng/ml	100
2)	#alpha-BHC	0.010	12.46	1495	1452556	9.75	ng/ml	100
3)	#beta-BHC	0.010	14.77	1773	858000	10.49	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	14.34	1721	1399407	10.10	ng/ml	100
11)	#4,4'-DDE		22.79	2735	135815	1.47	ng/ml	100
12)	#Endrin	0.050	24.80	2976	4265226	48.80	ng/ml	100
14)	#4,4'-DDD		25.59	3071	162295	2.63	ng/ml	100
16)	#4,4'-DDT	0.100	27.18	3261	6774379	99.72	ng/ml	100
17)	#Methoxychlor	0.250	32.41	3889	9001484	226.26	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.61	4993	2431200	21.03	ng/ml	100
30)	#Endrin aldehyde		27.59	3310	121318	1.50	ng/ml	100

Compound uses ESTD

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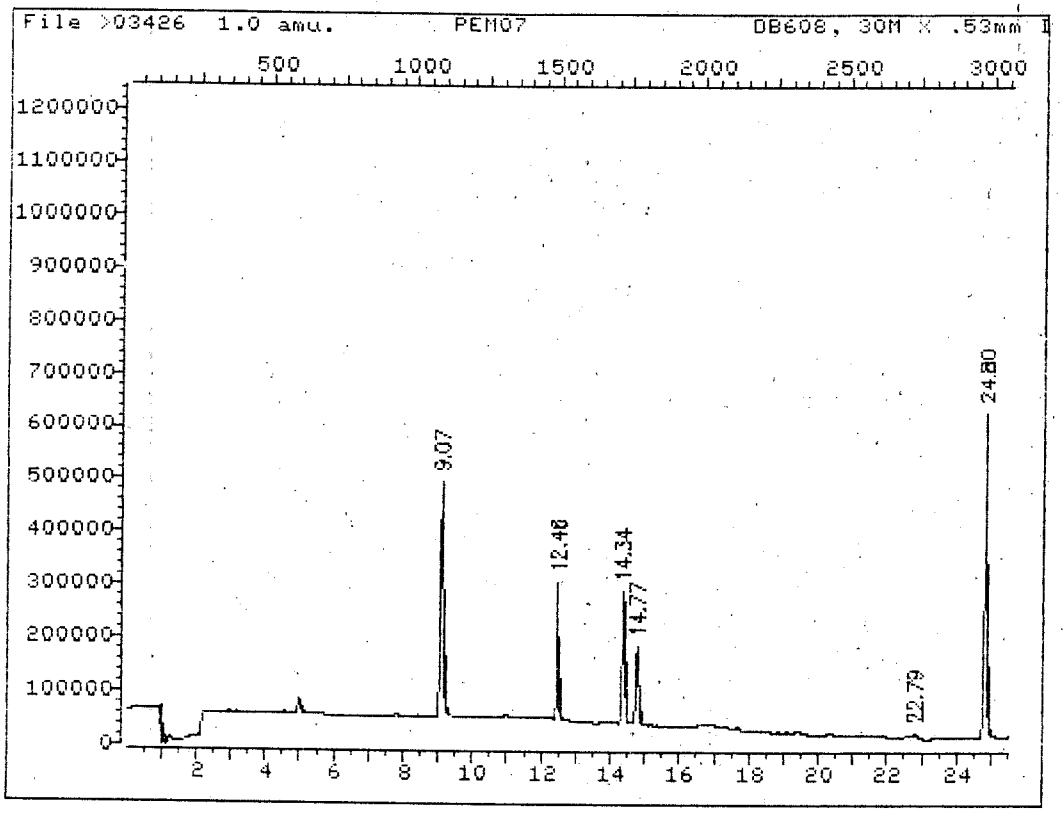
7/23/96



Data File: >03426::G2 Quant Output File: ^03426::GQ
Name: PEM078 Ep Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960722 11:51
Injected at: 960722 09:23

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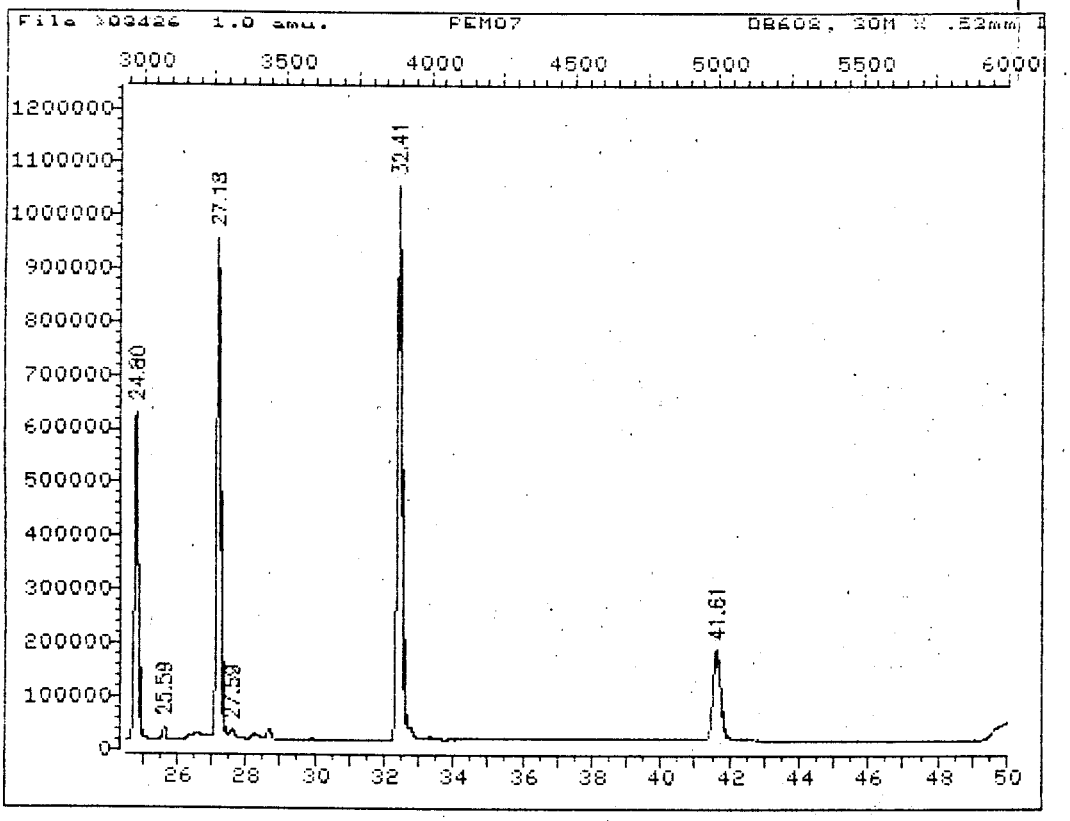

Data File: >03426::G2 Quant Output File: ^03426::GQ
Name: PEM078 EP Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960722 11:51
Injected at: 960722 09:23

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960722 11:48
Output File: ^04426::GQ Injected at: 960722 09:23
Data File: >04426::G4 Dilution Factor: 1.00000
Name: PEM0~~7~~8 EPA Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.30	1116	863466	21.10	ng/ml	100
2)	#alpha-BHC	0.010	13.41	1609	309451	9.51	ng/ml	100
3)	#beta-BHC	0.010	18.61	2233	246967	9.84	ng/ml	100
5)	#gamma-BHC (Lindane)	0.010	15.25	1830	321956	9.47	ng/ml	100
11)	#4,4'-DDE		22.74	2729	35591	1.26	ng/ml	100
12)	#Endrin	0.050	24.34	2921	1444718	49.75	ng/ml	100
14)	#4,4'-DDD		26.49	3179	111553	5.80	ng/ml	100
16)	#4,4'-DDT	0.100	27.39	3287	1998526	114.35	ng/ml	100
17)	#Methoxychlor	0.250	30.80	3696	3424822	255.86	ng/ml	100
18)	#Endrin ketone		32.90	3948	134329	4.23	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.66	4639	927034	20.21	ng/ml	100
30)	#Endrin aldehyde		28.84	3460	33135	1.03	ng/ml	100

Compound uses ESTD

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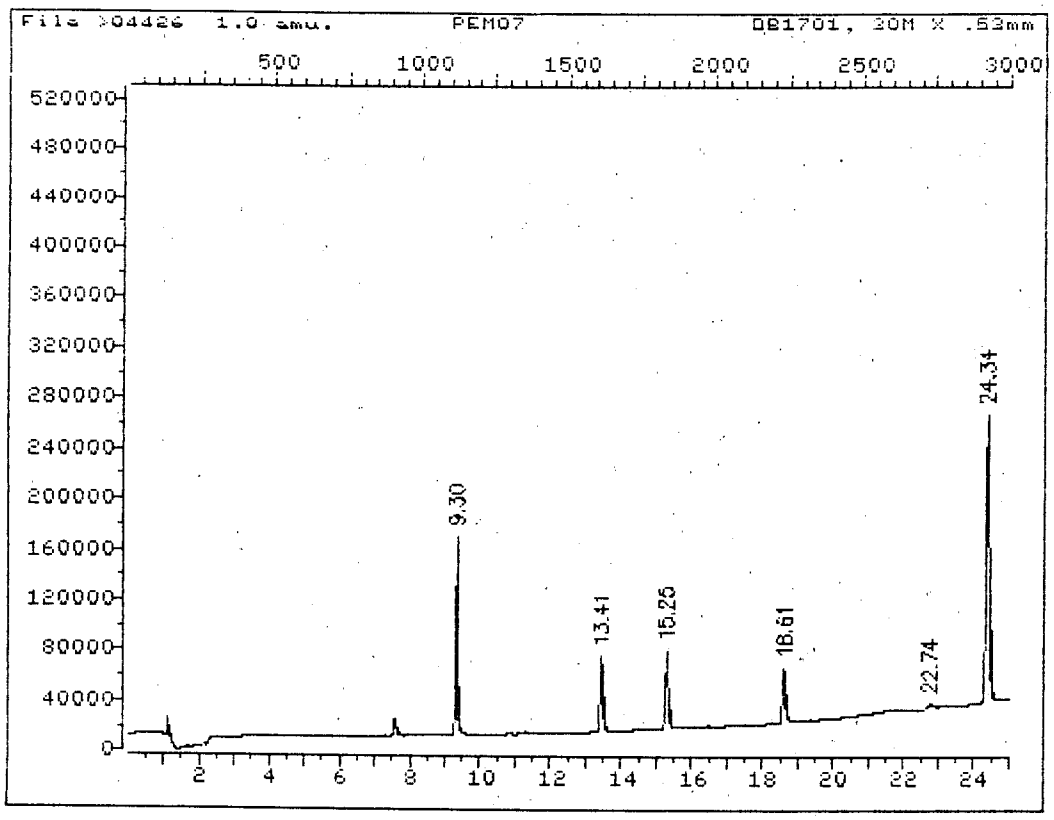
7/23/96



Data File: >04426::G4 Quant Output File: ^04426::GQ
Name: PEM078 Ep Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960722 11:48
Injected at: 960722 09:23

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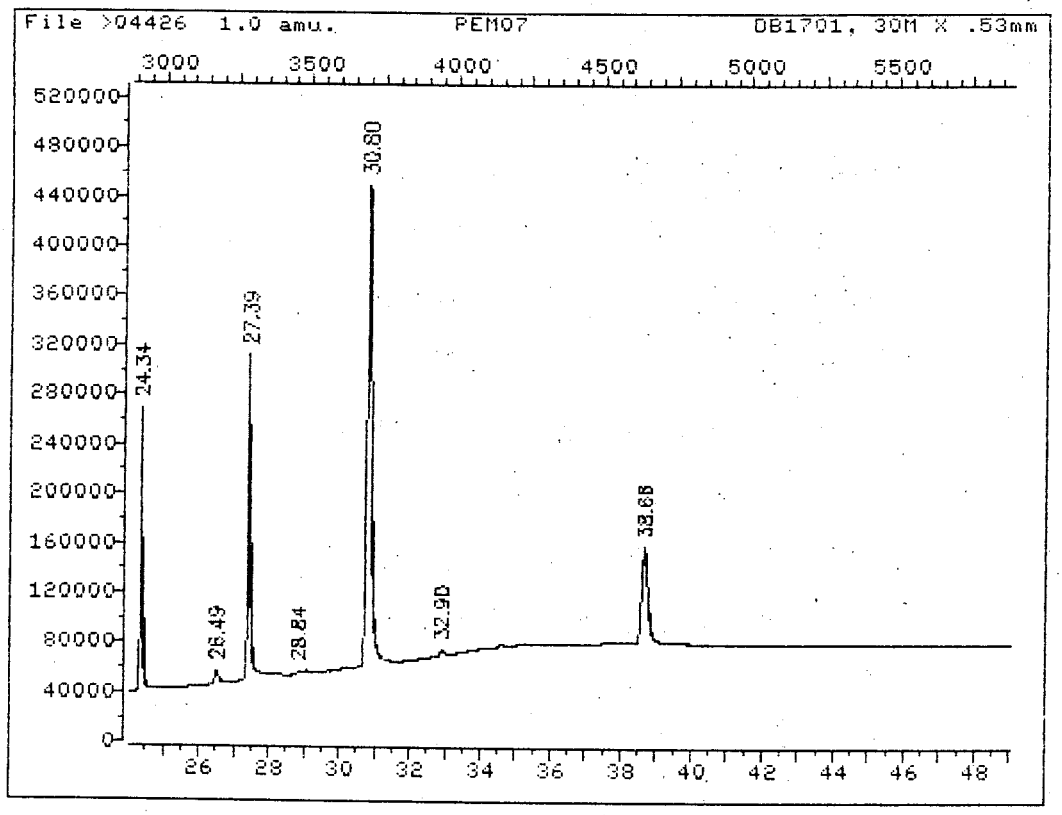

Data File: >04426::G4 Quant Output File: ^04426::GQ
Name: PEM07~~8~~ Ep Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960722 11:48
Injected at: 960722 09:23

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QUANT REPORT

Operator ID: TRFIL
Output File: ^03096::F3
Data File: >03096::G3
Name: INDAL01
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960704 15:19
Injected at: 960701 22:20
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960701 19:30

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.07	1089	664099	5.31	ng/ml	100
2)	#alpha-BHC	0.005	12.47	1497	682511	4.61	ng/ml	100
5)	#gamma-BHC (Lindane)	0.005	14.36	1723	657767	4.81	ng/ml	100
6)	#Heptachlor	0.005	15.86	1903	450850	5.78	ng/ml	100
9)	#Endosulfan I	0.005	21.60	2592	509053	4.18	ng/ml	100
10)	#Dieldrin	0.010	23.03	2764	956470	10.12	ng/ml	100
12)	#Endrin	0.010	24.83	2979	846330	9.89	ng/ml	100
14)	#4,4'-DDD	0.010	25.64	3076	528933	9.18	ng/ml	100
16)	#4,4'-DDT	0.010	27.21	3265	609034	9.40	ng/ml	100
17)	#Methoxychlor	0.050	32.46	3895	2240729	57.73	ng/ml	100
19)	#Decachlorobiphenyl	0.010	41.68	5001	1346931	11.29	ng/ml	100

Compound uses ESTD

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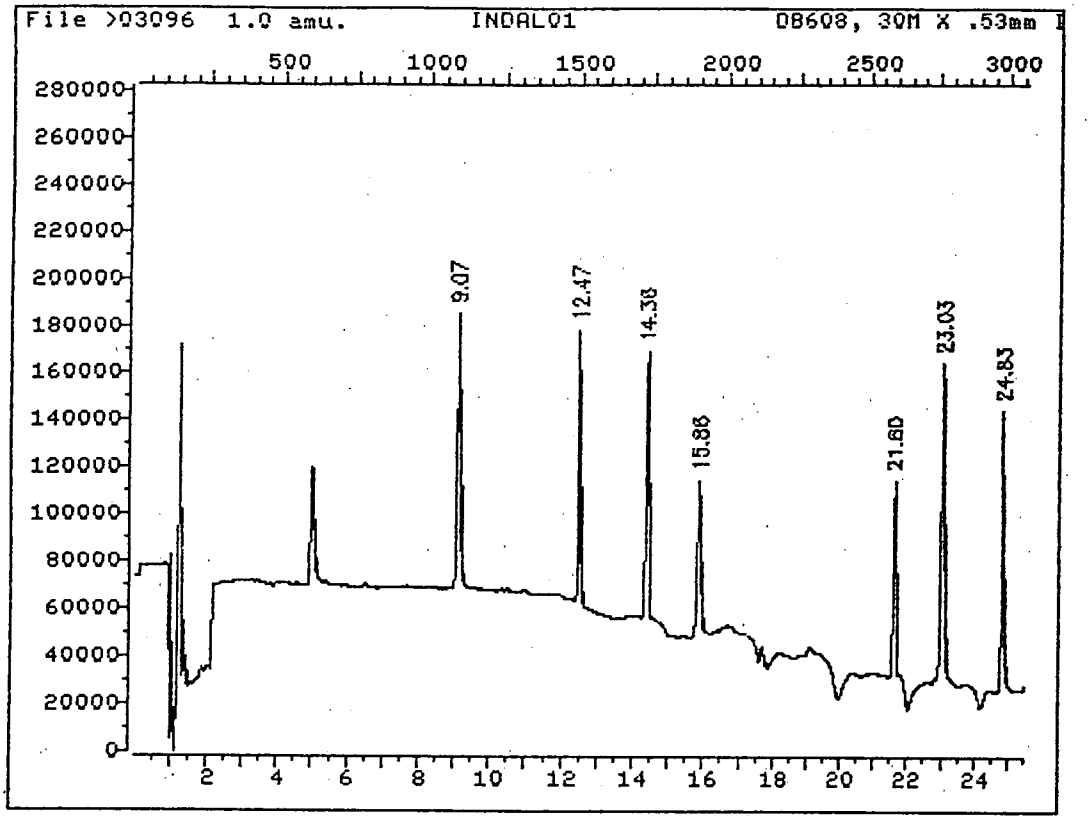
7/9/96



Data File: >03096::G3 Quant Output File: ^03096::F3
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: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:19
Injected at: 960701 22:20

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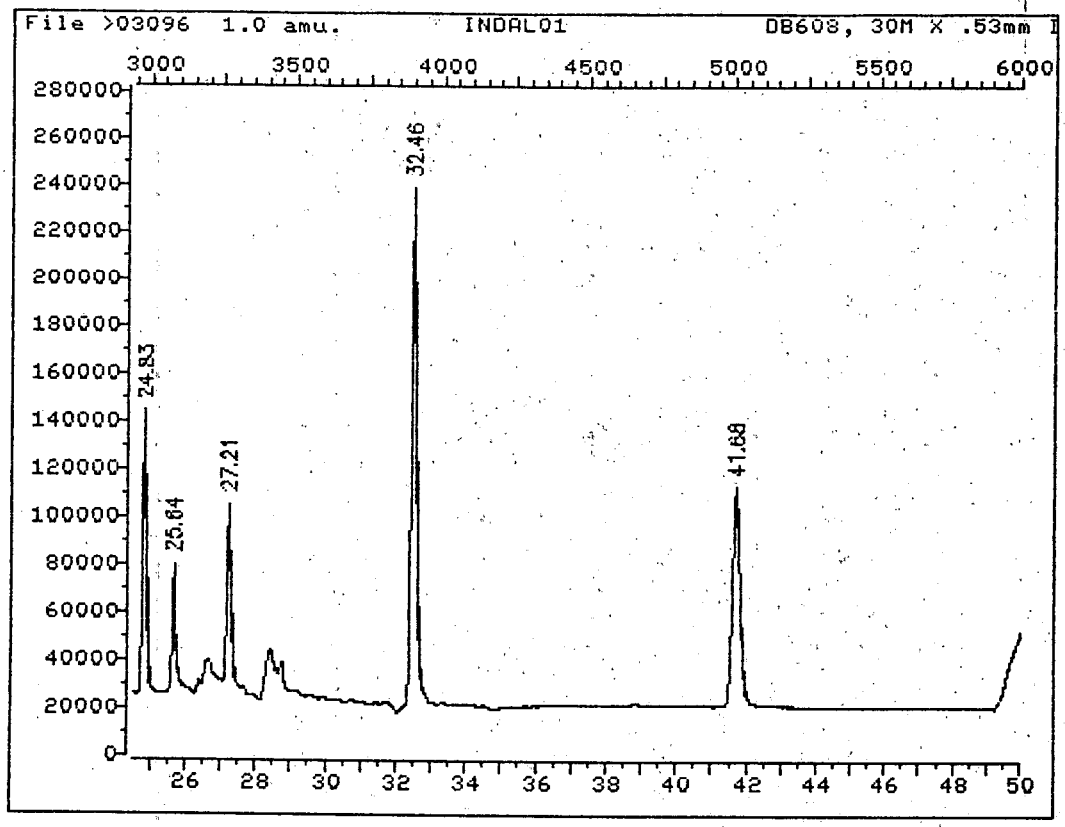

Data File: >03096::G3 Quant Output File: ^03096::F3
Name: INDAL01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:19
Injected at: 960701 22:20

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QUANT REPORT

Operator ID: TRFIL
Output File: ^04096::F3
Data File: >04096::G5
Name: INDAL01
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960702 22:03
Injected at: 960701 22:20
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.31	1117	209296	5.05	ng/ml	100
2)	#alpha-BHC	0.005	13.42	1611	147796	4.51	ng/ml	100
5)	#gamma-BHC (Lindane)	0.005	15.27	1833	147396	4.33	ng/ml	100
6)	#Heptachlor	0.005	16.31	1957	252246	5.32	ng/ml	100
9)	#Endosulfan I	0.005	21.76	2611	169088	4.74	ng/ml	100
10)	#Dieldrin	0.010	23.40	2808	310262	9.55	ng/ml	100
12)	#Endrin	0.010	24.37	2924	280977	9.69	ng/ml	100
14)	#4,4'-DDD	0.010	26.55	3186	134544	6.37	ng/ml	100
16)	#4,4'-DDT	0.010	27.44	3293	124960	7.58	ng/ml	100
17)	#Methoxychlor	0.050	30.87	3704	724906	53.95	ng/ml	100
19)	#Decachlorobiphenyl	0.010	38.71	4645	500781	10.72	ng/ml	100

Compound uses ESTD

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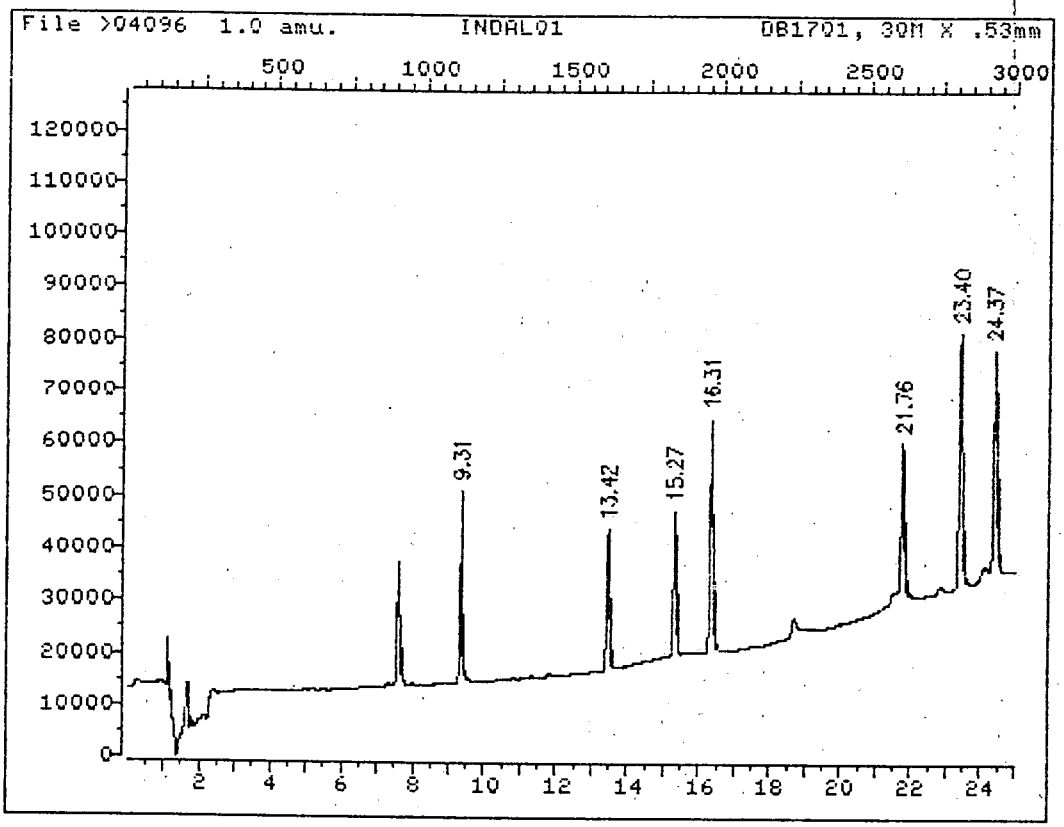
7/10/96



Data File: >04096::G5 Quant Output File: ^04096::F3
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: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:03
Injected at: 960701 22:20

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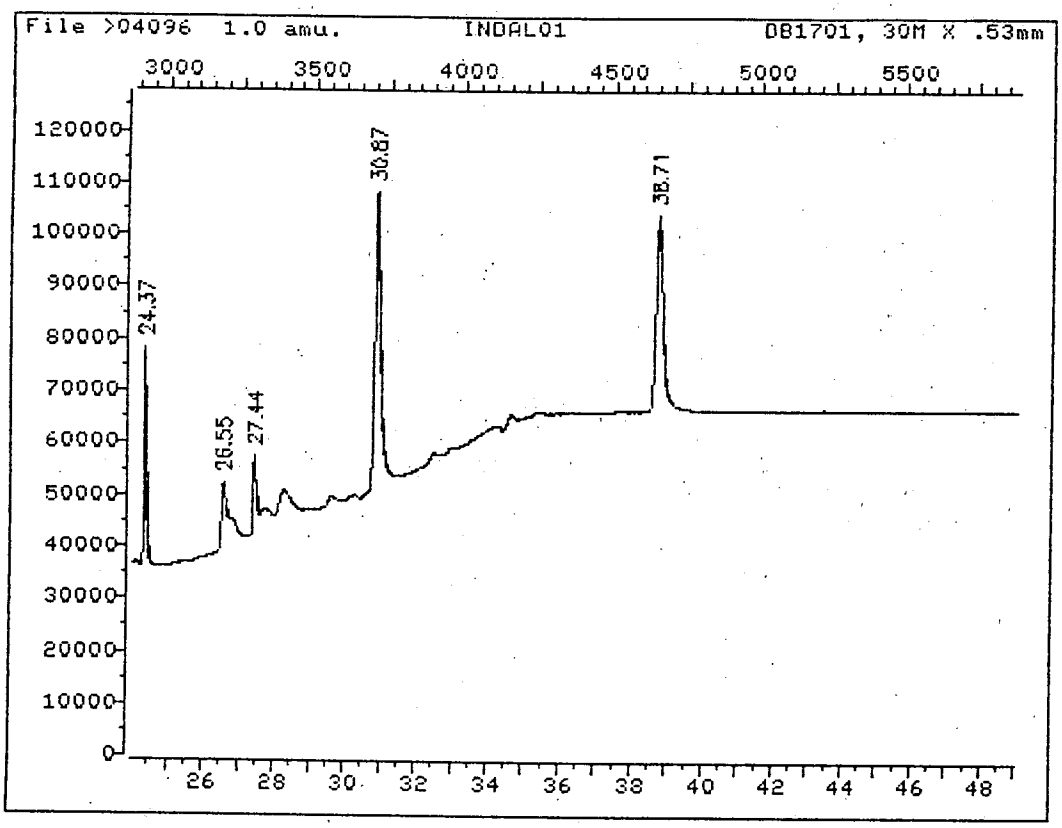

Data File: >04096::G5 Quant Output File: ^04096::F3
Name: INDAL01 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:03
Injected at: 960701 22:20

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QUANT REPORT

Operator ID: TRFIL
Output File: ^03098::F3
Data File: >03098::G3
Name: INDAM01
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960704 15:21
Injected at: 960702 00:13
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960701 19:30

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2502822	20.00	ng/ml	100
2)	#alpha-BHC	0.020	12.47	1497	2960652	20.00	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	14.37	1724	2733103	20.00	ng/ml	100
6)	#Heptachlor	0.020	15.86	1903	1560500	20.00	ng/ml	100
9)	#Endosulfan I	0.020	21.60	2592	2436935	20.00	ng/ml	100
10)	#Dieldrin	0.040	23.04	2765	3782044	40.00	ng/ml	100
12)	#Endrin	0.040	24.83	2979	3423695	40.00	ng/ml	100
14)	#4,4'-DDD	0.040	25.63	3075	2303959	40.00	ng/ml	100
16)	#4,4'-DDT	0.040	27.21	3265	2592689	40.00	ng/ml	100
17)	#Methoxychlor	0.200	32.46	3895	7764862	200.05	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.68	5001	4771763	40.00	ng/ml	100

Compound uses ESTD

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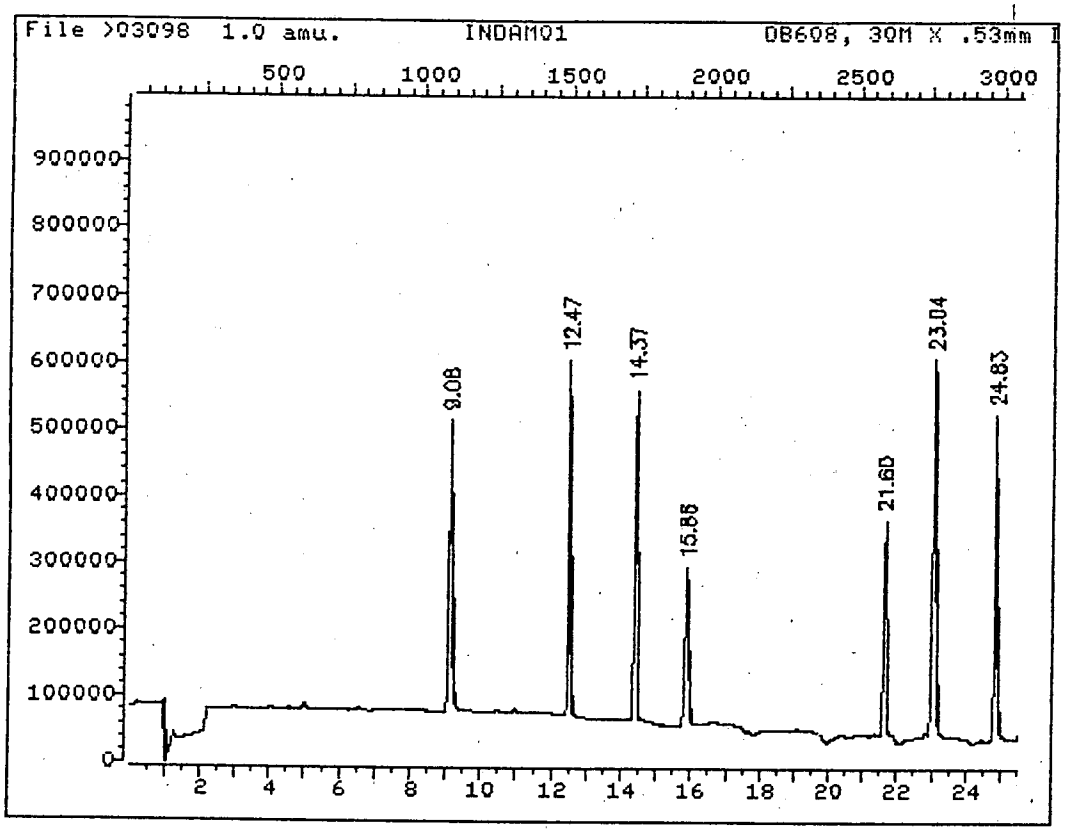
7/9/96



Data File: >03098::G3 Quant Output File: ^03098::F3
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: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:21
Injected at: 960702 00:13

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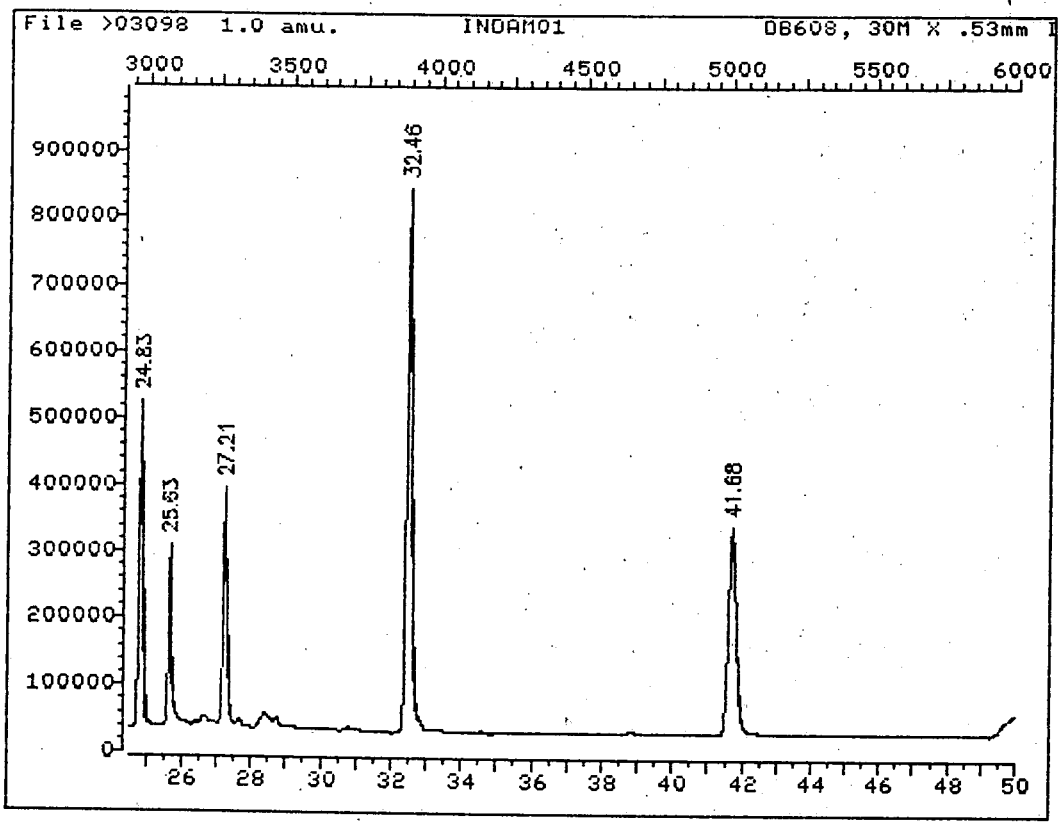

Data File: >03098::G3 Quant Output File: ^03098::F3
Name: INDAM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:21
Injected at: 960702 00:13

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QUANT REPORT

Operator ID: TRFIL
Output File: ^04098::F3
Data File: >04098::G5
Name: INDAM01
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960702 22:05
Injected at: 960702 00:13
Dilution Factor: 1.00000
Instrument ID: GC04

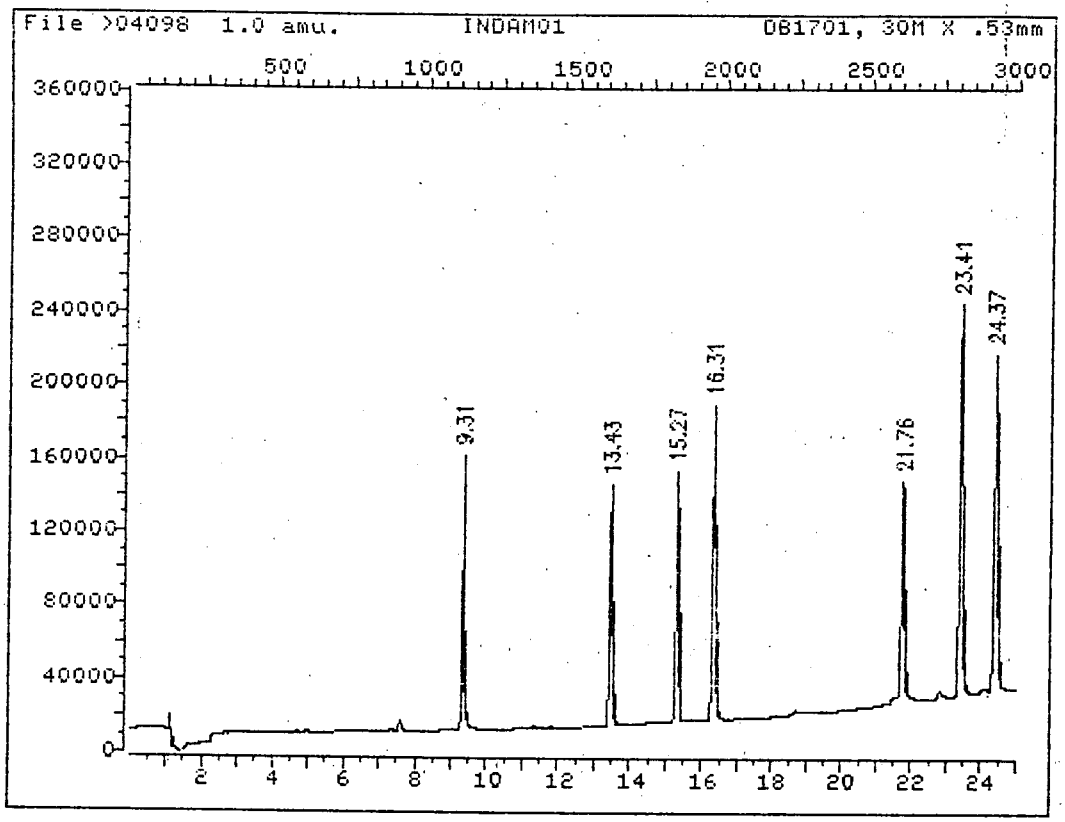
ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07

Last Qcal Time: 960701 21:23

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	828292	20.00	ng/ml	100
2)	#alpha-BHC	0.020	13.43	1612	655302	20.00	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	15.27	1833	680084	20.00	ng/ml	100
6)	#Heptachlor	0.020	16.31	1957	948588	20.00	ng/ml	100
9)	#Endosulfan I	0.020	21.76	2611	714109	20.00	ng/ml	100
10)	#Dieldrin	0.040	23.41	2809	1298987	40.00	ng/ml	100
12)	#Endrin	0.040	24.37	2924	1159534	40.00	ng/ml	100
14)	#4,4'-DDD	0.040	26.54	3184	845236	40.00	ng/ml	100
16)	#4,4'-DDT	0.040	27.44	3292	659176	40.00	ng/ml	100
17)	#Methoxychlor	0.200	30.85	3702	2691965	200.36	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.71	4645	1867929	40.00	ng/ml	100

Compound uses ESTD

EPmi
7/10/96



Data File: >04098::G5 Quant Output File: ^04098::F3
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: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:05
Injected at: 960702 00:13

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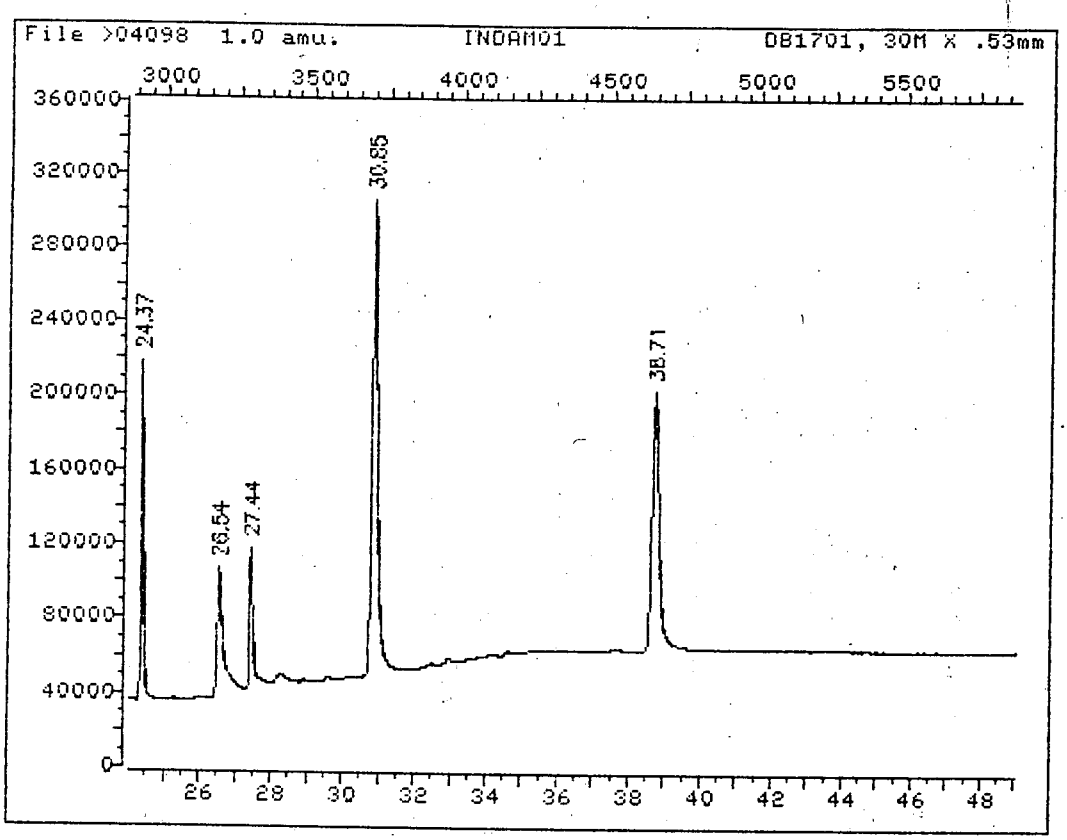

Data File: >04098::G5 Quant Output File: ^04098::F3
Name: INDAM01 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:05
Injected at: 960702 00:13

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QUANT REPORT

Operator ID: TRFIL
Output File: ^03100::F3
Data File: >03100::G3
Name: INDAH01
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

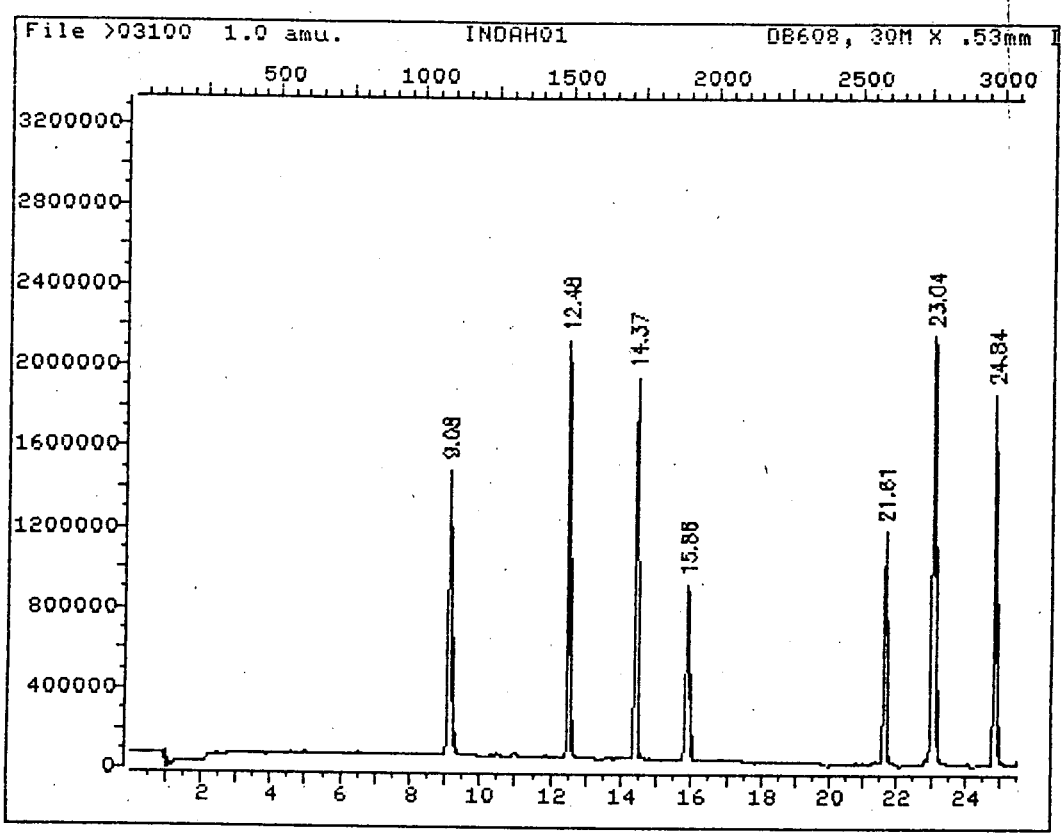
Quant Rev: 7
Quant Time: 960704 15:23
Injected at: 960702 02:06
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960701 19:30

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.08	1090	8405454	67.17	ng/ml	100
2)	#alpha-BHC	0.080	12.48	1498	11661868	78.78	ng/ml	100
5)	#gamma-BHC (Lindane)	0.080	14.37	1724	10682612	78.17	ng/ml	100
6)	#Heptachlor	0.080	15.86	1903	5725931	73.39	ng/ml	100
9)	#Endosulfan I	0.080	21.61	2593	7826182	64.23	ng/ml	100
10)	#Dieldrin	0.160	23.04	2765	14244400	150.65	ng/ml	100
12)	#Endrin	0.160	24.84	2980	13015558	152.06	ng/ml	100
14)	#4,4'-DDD	0.160	25.63	3075	9654886	167.62	ng/ml	100
16)	#4,4'-DDT	0.160	27.21	3265	10446712	161.17	ng/ml	100
17)	#Methoxychlor	0.800	32.45	3894	25427624	655.11	ng/ml	100
19)	#Decachlorobiphenyl	0.160	41.68	5002	14605898	122.44	ng/ml	100

Compound uses ESTD

EPrice
7/9/96



Data File: >03100::G3 Quant Output File: ^03100::F3
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: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:23
Injected at: 960702 02:06

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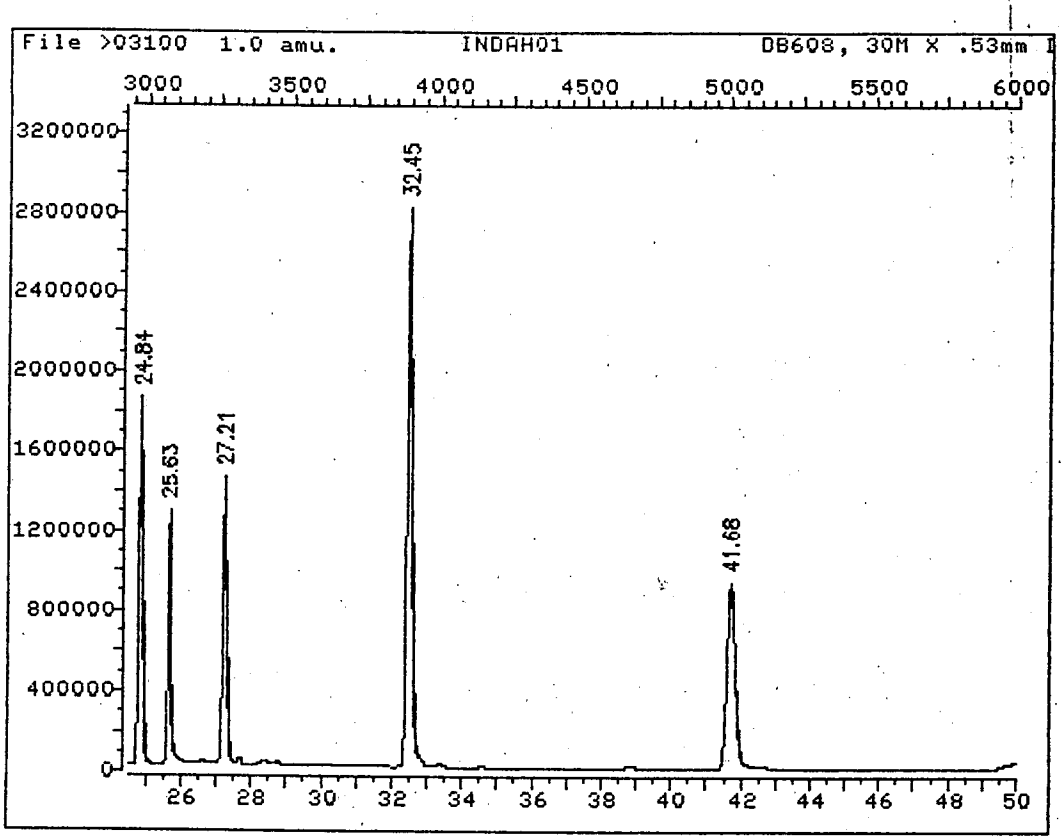

Data File: >03100::G3 Quant Output File: ^03100::F3
Name: INDAH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:23
Injected at: 960702 02:06

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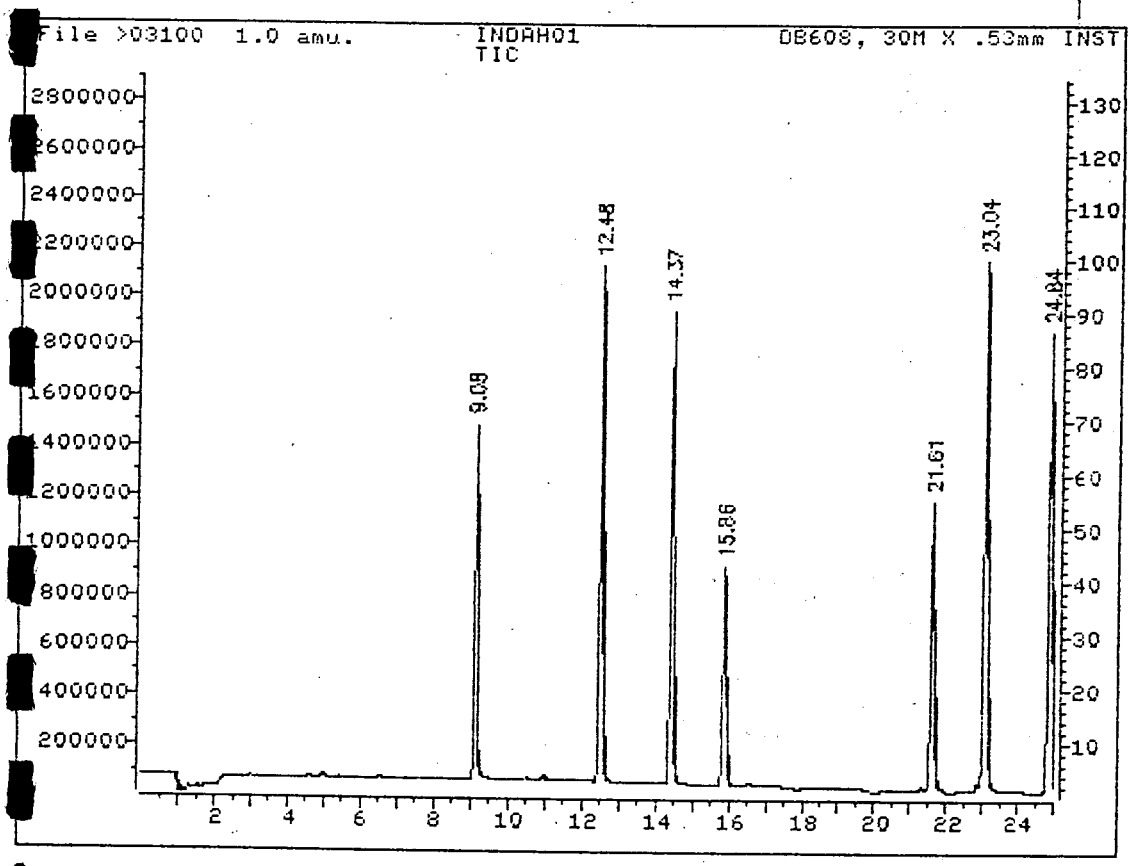
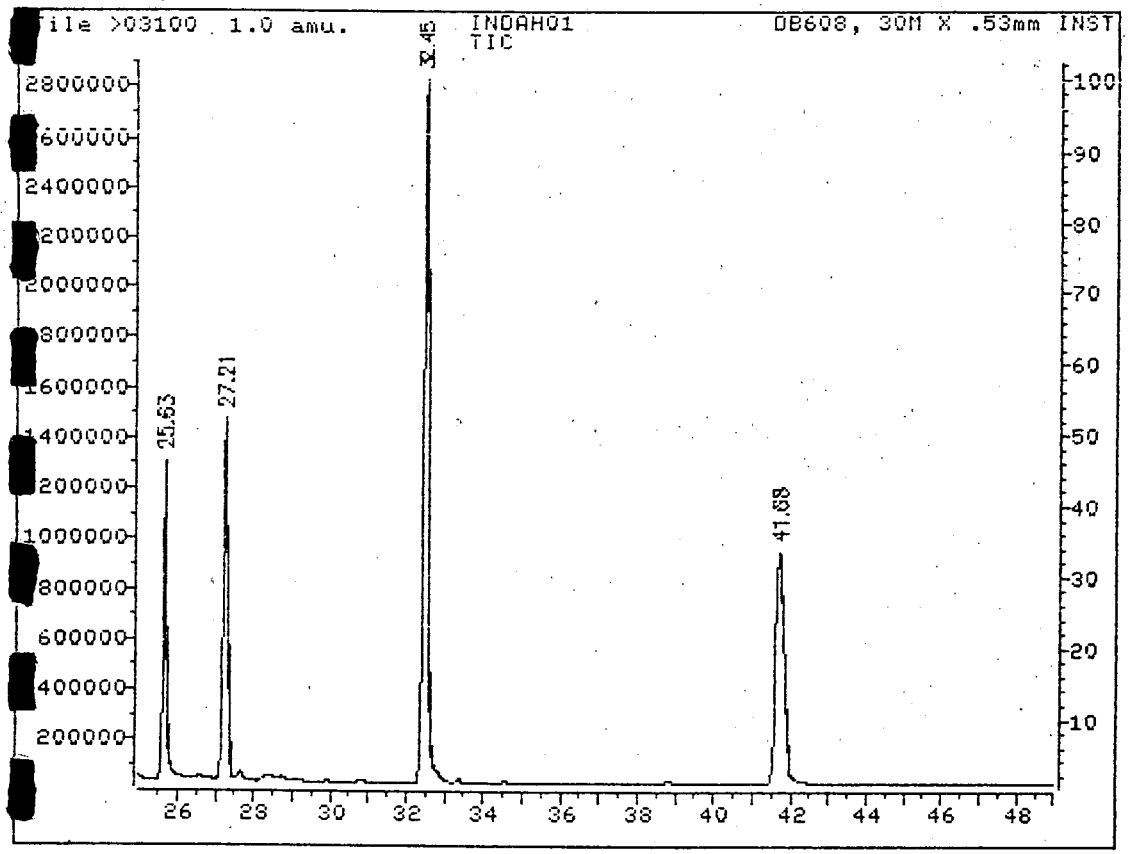


MS data file header from : >03100::G3

Sample: INDAH01 Operator: TRFIL 7/02/96 2:06
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 : >03100::G3

Sample: INDAH01 Operator: TRFIL 7/02/96 2:06
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: TRFIL
Output File: ^04100::F3
Data File: >04100::G5
Name: INDAH01
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960702 22:07
Injected at: 960702 02:06
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960701 21:23

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.32	1118	3106622	75.01	ng/ml	100
2)	#alpha-BHC	0.080	13.43	1612	3345394	102.10	ng/ml	100
5)	#gamma-BHC (Lindane)	0.080	15.27	1833	3290215	96.76	ng/ml	100
6)	#Heptachlor	0.080	16.31	1957	3513489	74.08	ng/ml	100
9)	#Endosulfan I	0.080	21.77	2612	2698935	75.59	ng/ml	100
10)	#Dieldrin	0.160	23.41	2809	5280509	162.60	ng/ml	100
12)	#Endrin	0.160	24.38	2925	4736116	163.38	ng/ml	100
14)	#4,4'-DDD	0.160	26.53	3183	3384967	160.19	ng/ml	100
16)	#4,4'-DDT	0.160	27.43	3291	3005909	182.40	ng/ml	100
17)	#Methoxychlor	0.800	30.84	3701	9647140	718.02	ng/ml	100
19)	#Decachlorobiphenyl	0.160	38.71	4645	6051036	129.58	ng/ml	100

Compound uses ESTD

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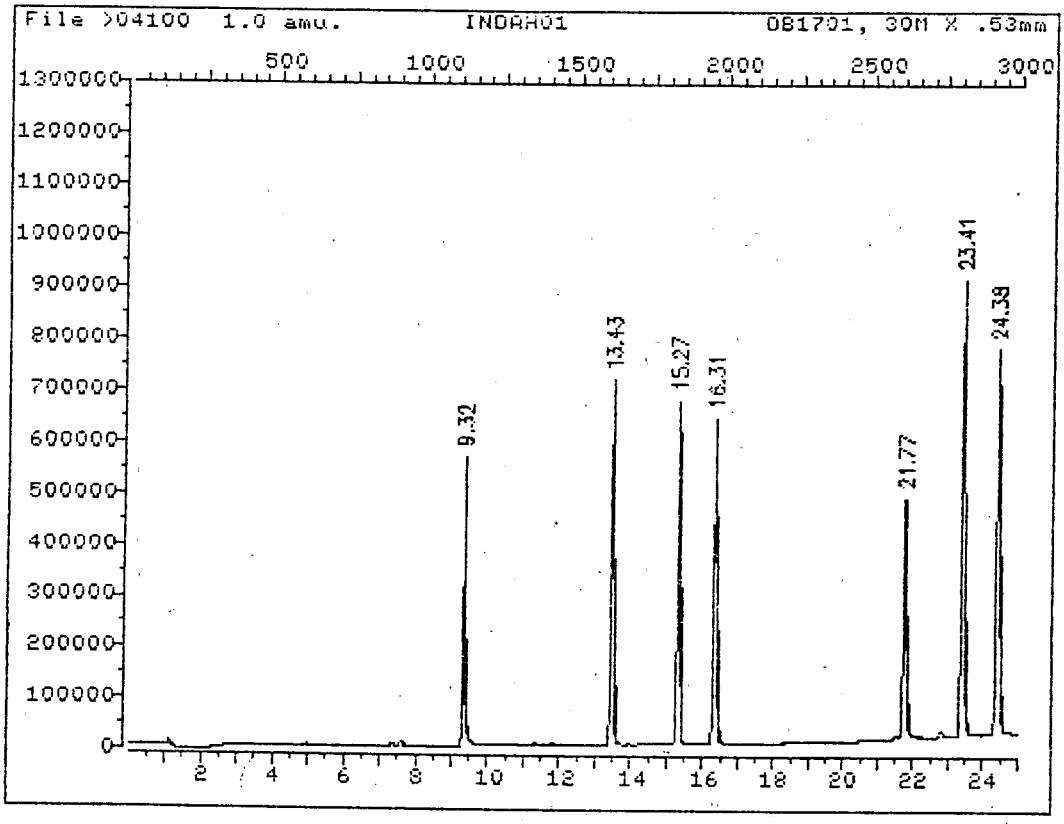
7/10/96



Data File: >04100::G5 Quant Output File: ^04100::F3
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: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:07
Injected at: 960702 02:06

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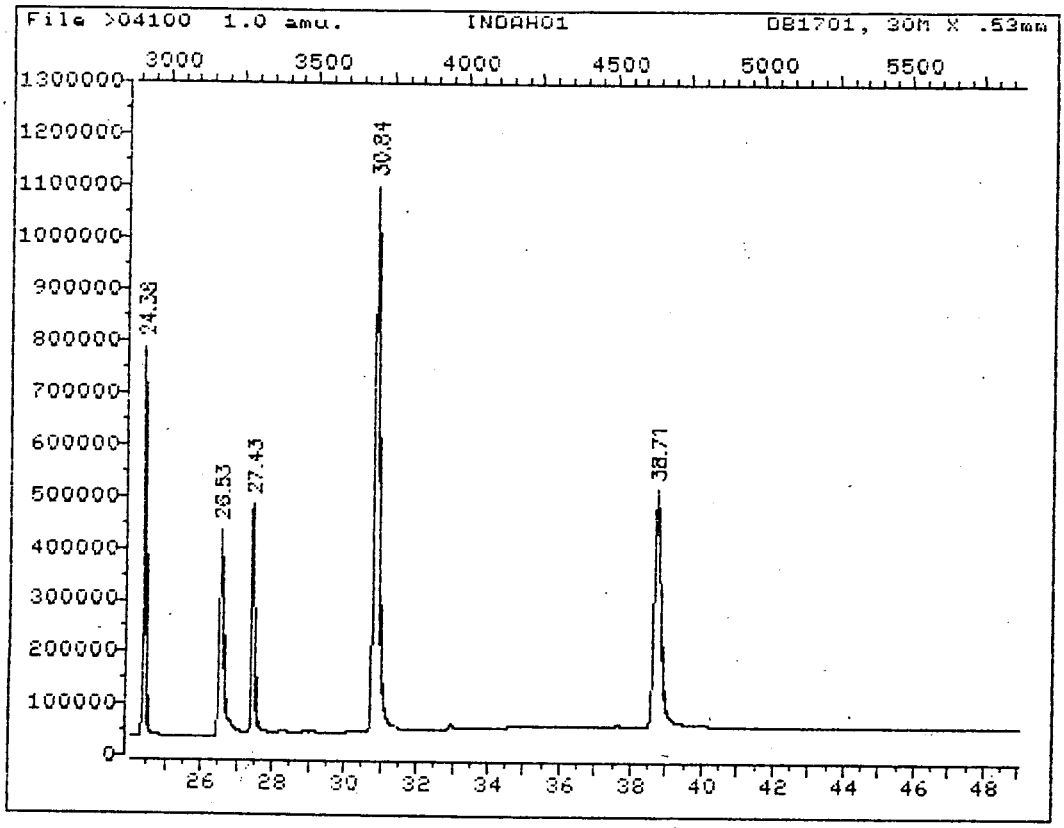

Data File: >04100::G5 Quant Output File: ^04100::F3
Name: INDAH01 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:07
Injected at: 960702 02:06

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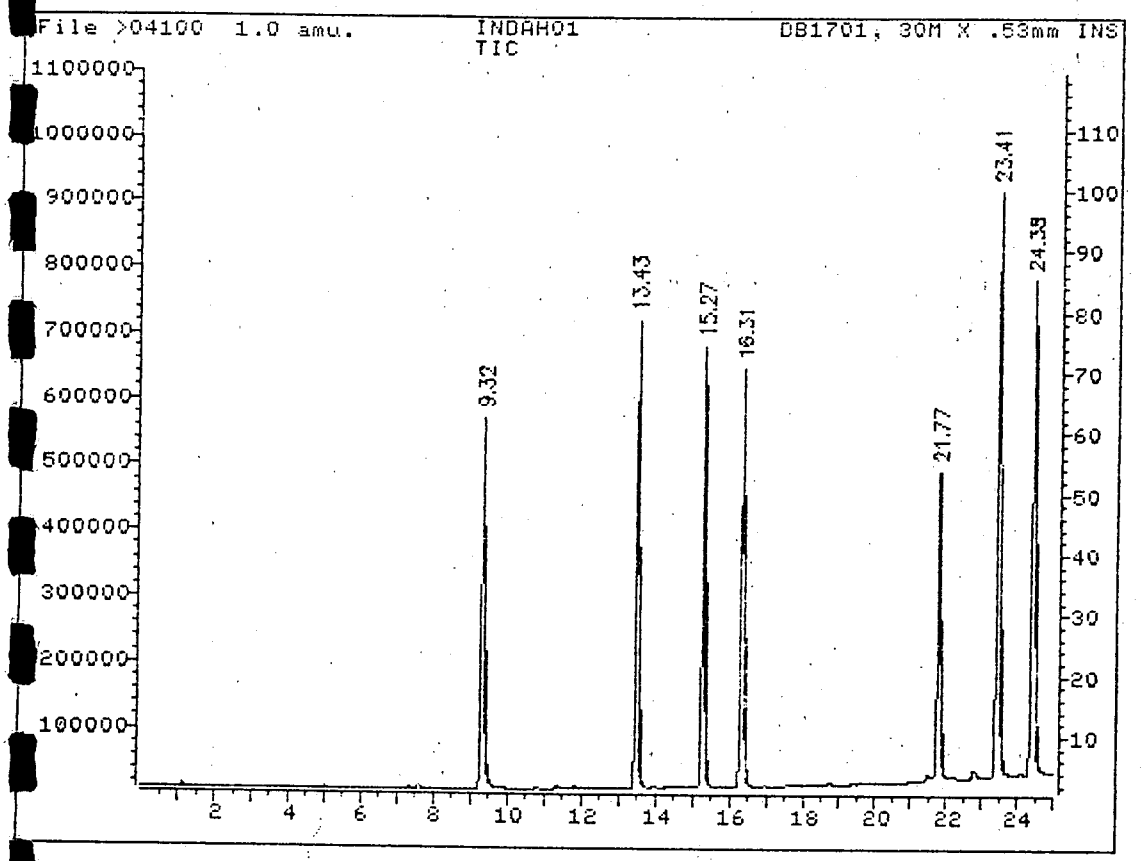
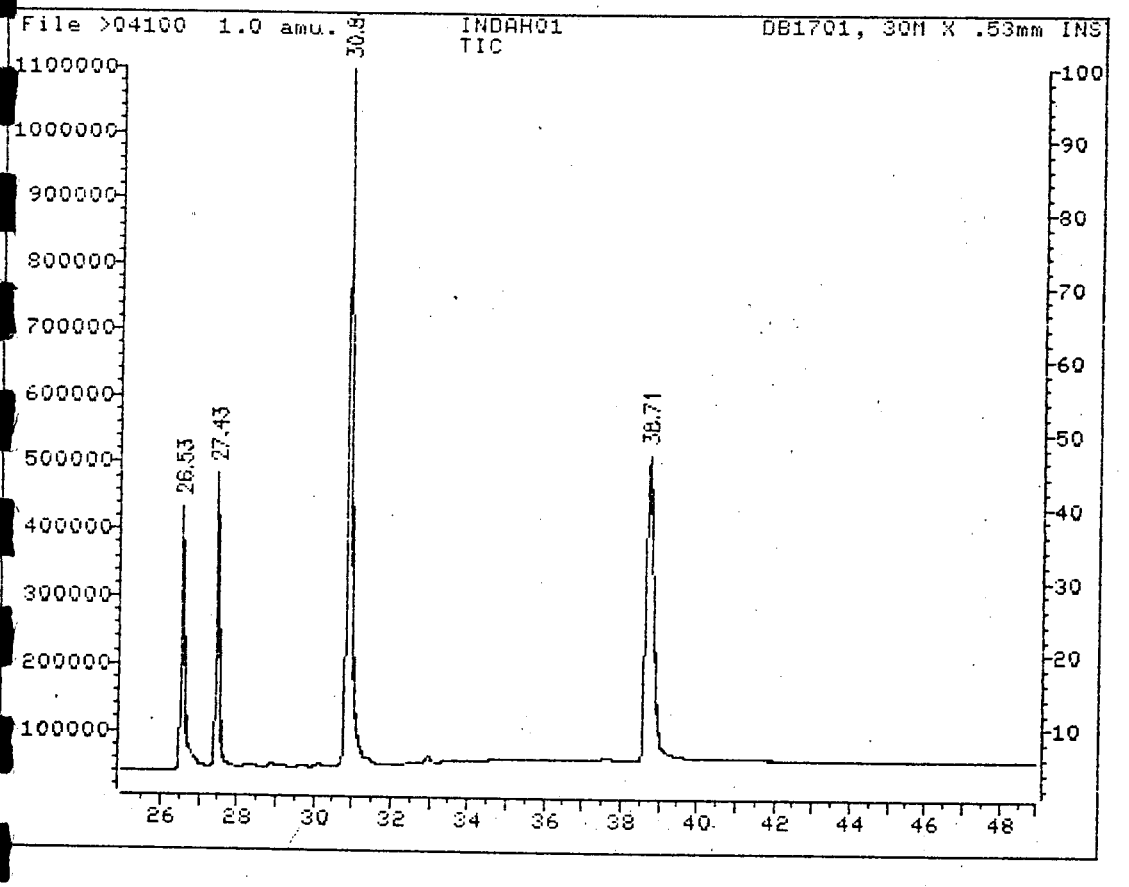


MS data file header from : >04100::G5

Sample: INDAH01 Operator: TRFIL 7/02/96 2:06
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 : >04100::G5

Sample: INDAH01 Operator: TRFIL 7/02/96 2:06
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
Output File: ^03305::GQ
Data File: >03305::F3
Name: INDAL01 A
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960719 14:05
Injected at: 960713 22:55
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.07	1089	621350	5.19	ng/ml	100
2)	#alpha-BHC	0.005	12.47	1496	695834	4.67	ng/ml	100
5)	#gamma-BHC (Lindane)	0.005	14.36	1723	664578	4.80	ng/ml	100
6)	#Heptachlor	0.005	15.86	1903	567934	5.41	ng/ml	100
9)	#Endosulfan I	0.005	21.60	2592	538261	5.07	ng/ml	100
10)	#Dieldrin	0.010	23.03	2764	930896	9.87	ng/ml	100
12)	#Endrin	0.010	24.82	2978	875203	10.01	ng/ml	100
14)	#4,4'-DDD	0.010	25.62	3074	558693	9.05	ng/ml	100
16)	#4,4'-DDT	0.010	27.20	3264	623486	9.18	ng/ml	100
17)	#Methoxychlor	0.050	32.45	3894	2231913	56.10	ng/ml	100
19)	#Decachlorobiphenyl	0.010	41.66	4999	1245243	10.77	ng/ml	100

Compound uses ESTD

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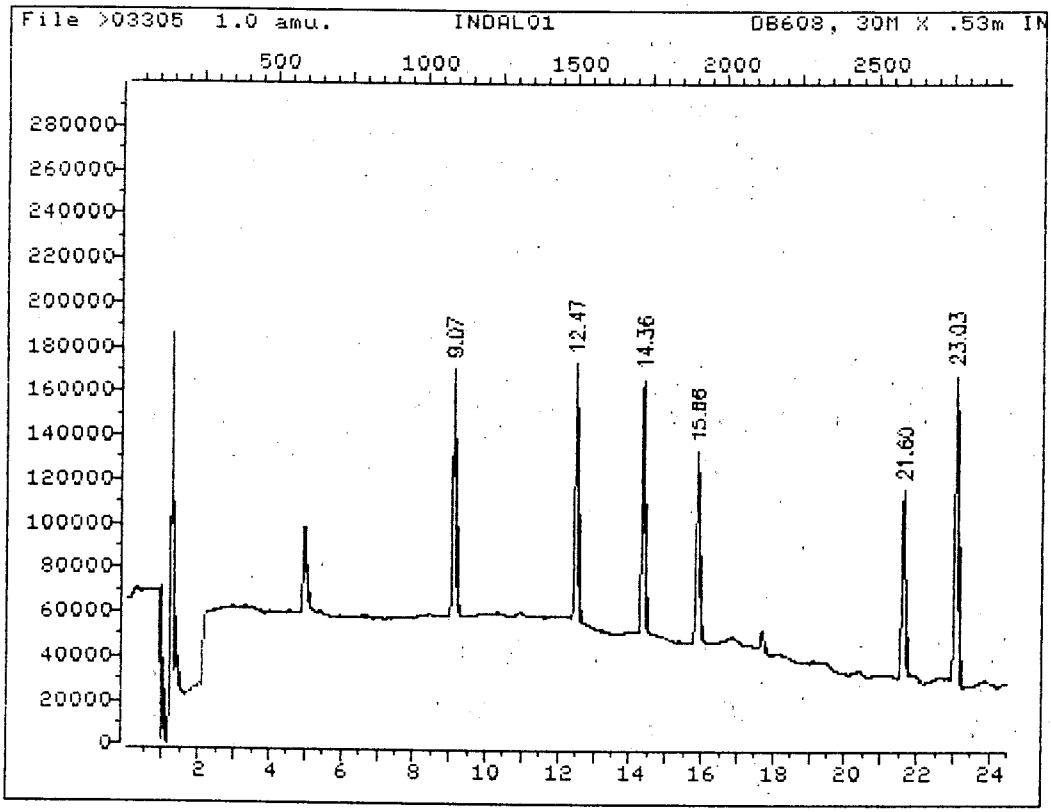
7/22/96



Data File: >03305::F3 Quant Output File: ^03305::GQ
Name: INDAL01 A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:05
Injected at: 960713 22:55

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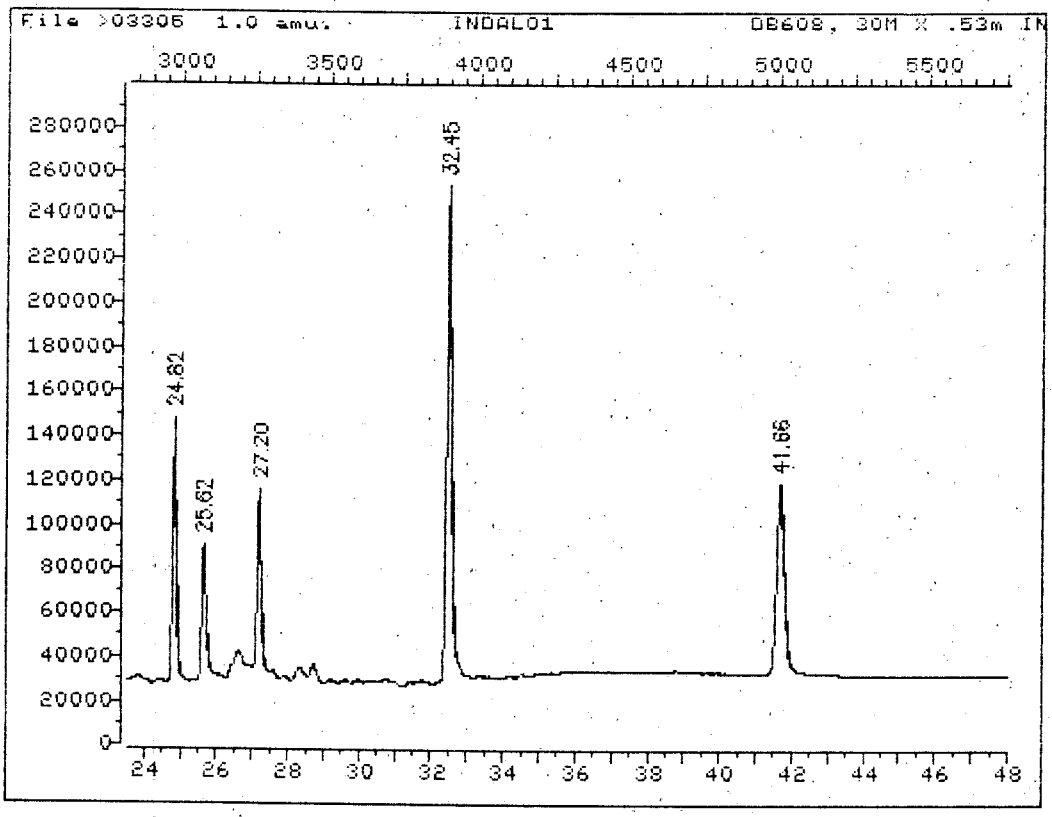

Data File: >03305::F3 Quant Output File: ^03305::GQ
Name: INDAL01A Instrument ID: GC03
Misc: DB608. 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:05
Injected at: 960713 22:55

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Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960719 14:23
Output File: ^04305::GQ Injected at: 960713 22:55
Data File: >04305::G1 Dilution Factor: 1.00000
Name: INDAL01 A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.31	1117	212350	5.19	ng/ml	100
2)	#alpha-BHC	0.005	13.42	1611	147600	4.54	ng/ml	100
5)	#gamma-BHC (Lindane)	0.005	15.27	1832	153688	4.52	ng/ml	100
6)	#Heptachlor	0.005	16.31	1957	247796	5.30	ng/ml	100
9)	#Endosulfan I	0.005	21.76	2611	167701	4.81	ng/ml	100
10)	#Dieldrin	0.010	23.40	2808	305530	9.52	ng/ml	100
12)	#Endrin	0.010	24.37	2924	305465	10.52	ng/ml	100
14)	#4,4'-DDD	0.010	26.54	3184	160567	8.35	ng/ml	100
16)	#4,4'-DDT	0.010	27.44	3292	146716	8.39	ng/ml	100
17)	#Methoxychlor	0.050	30.86	3703	654243	48.88	ng/ml	100
19)	#Decachlorobiphenyl	0.010	38.71	4645	474949	10.36	ng/ml	100

Compound uses ESTD

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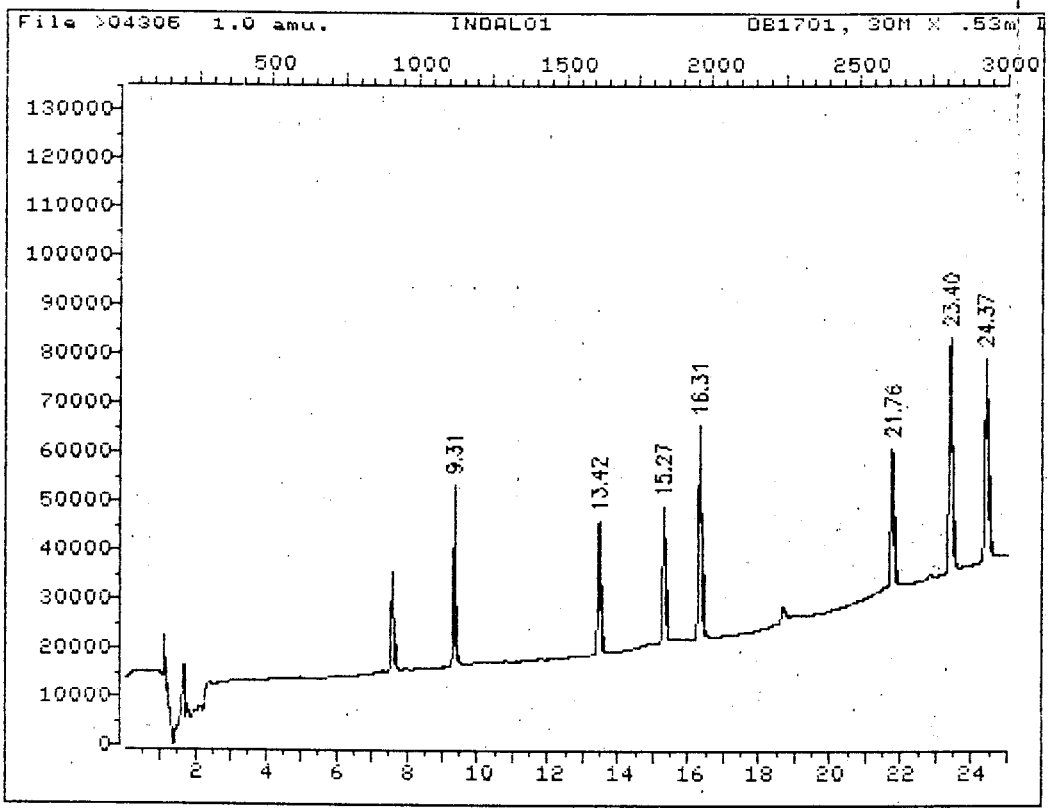
7/22/96



Data File: >04305::G1 Quant Output File: ^04305::GQ
Name: INDAL01A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:23
Injected at: 960713 22:55

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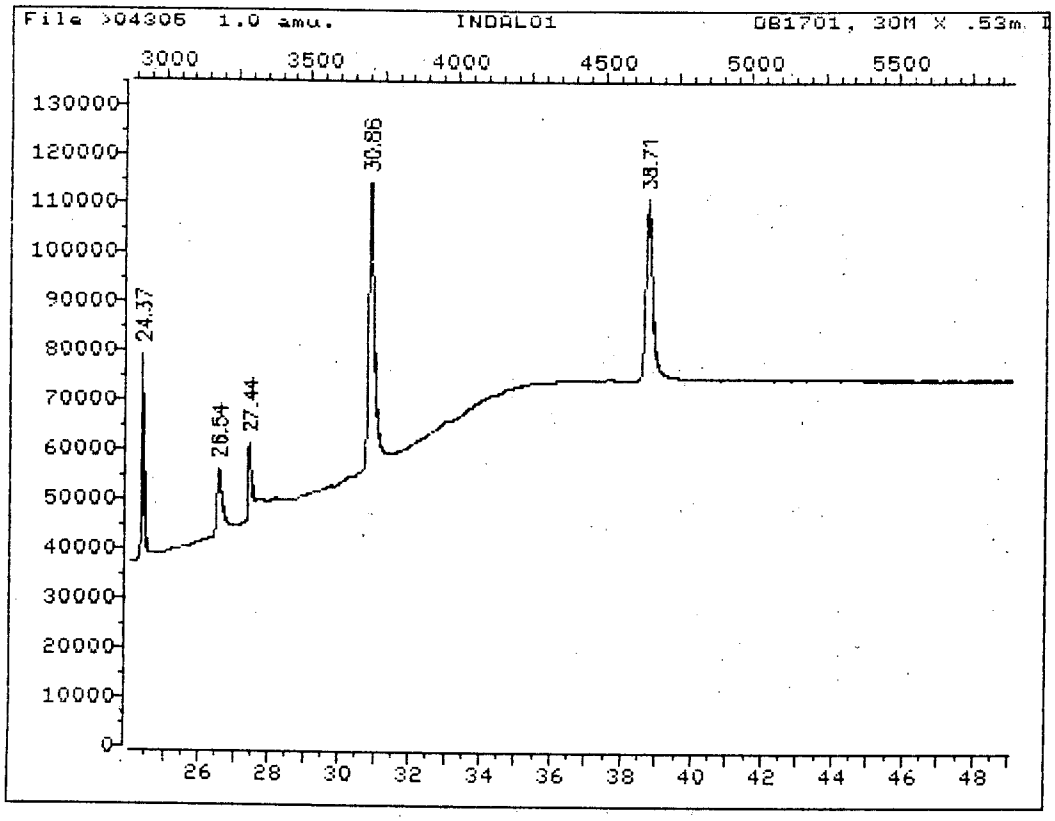

Data File: >04305::G1 Quant Output File: ^04305::GQ
Name: INDAL01A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:23
Injected at: 960713 22:55

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QUANT REPORT

Operator ID: TRFI2
Output File: ^03307::GQ
Data File: >03307::F3
Name: INDAM01A
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

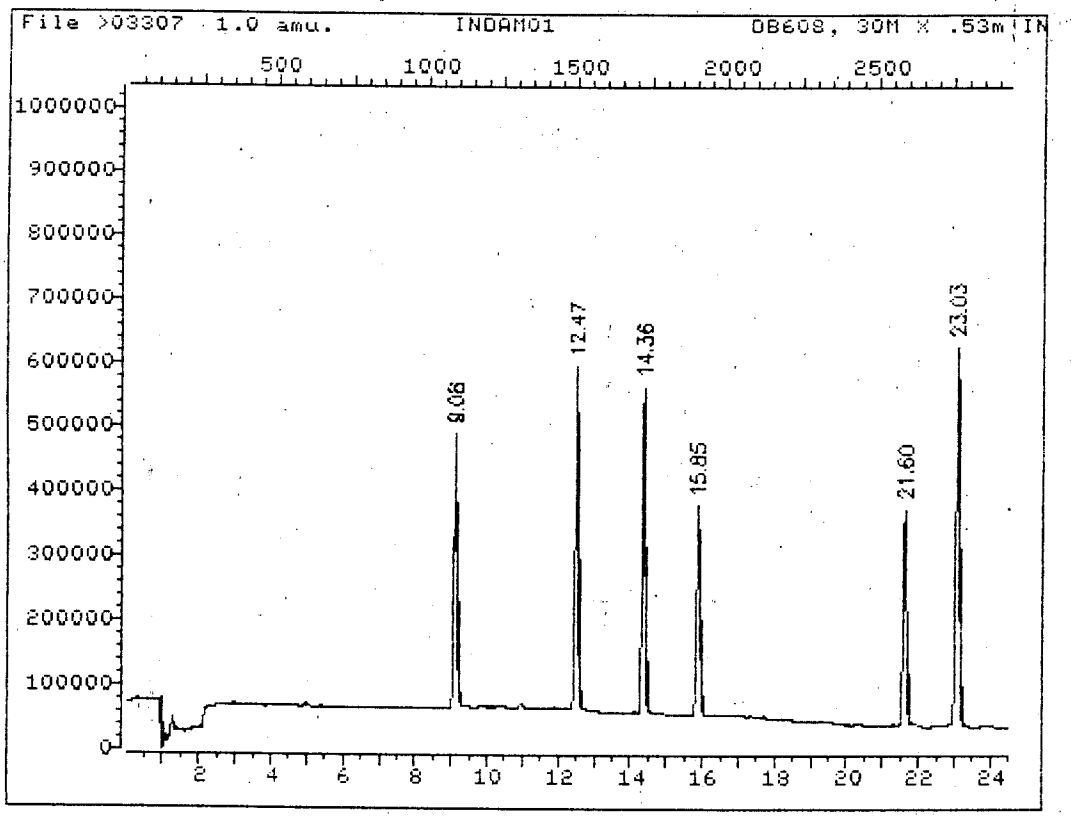
Quant Rev: 7
Quant Time: 960719 14:07
Injected at: 960714 00:44
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2392532	20.00	ng/ml	100
2)	#alpha-BHC	0.020	12.47	1497	2980602	20.00	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	14.36	1723	2771193	20.00	ng/ml	100
6)	#Heptachlor	0.020	15.85	1902	2101125	20.00	ng/ml	100
9)	#Endosulfan I	0.020	21.60	2592	2122758	20.00	ng/ml	100
10)	#Dieldrin	0.040	23.03	2764	3773441	40.00	ng/ml	100
12)	#Endrin	0.040	24.83	2979	3496214	40.00	ng/ml	100
14)	#4,4'-DDD	0.040	25.62	3074	2451702	39.71	ng/ml	100
16)	#4,4'-DDT	0.040	27.20	3264	2717228	40.00	ng/ml	100
17)	#Methoxychlor	0.200	32.44	3893	7953076	199.90	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.66	4999	4620732	39.97	ng/ml	100

Compound uses ESTD

EPrice
7/22/96



Data File: >03307::F3 Quant Output File: ^03307::GQ
Name: INDAM01 A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:07
Injected at: 960714 00:44

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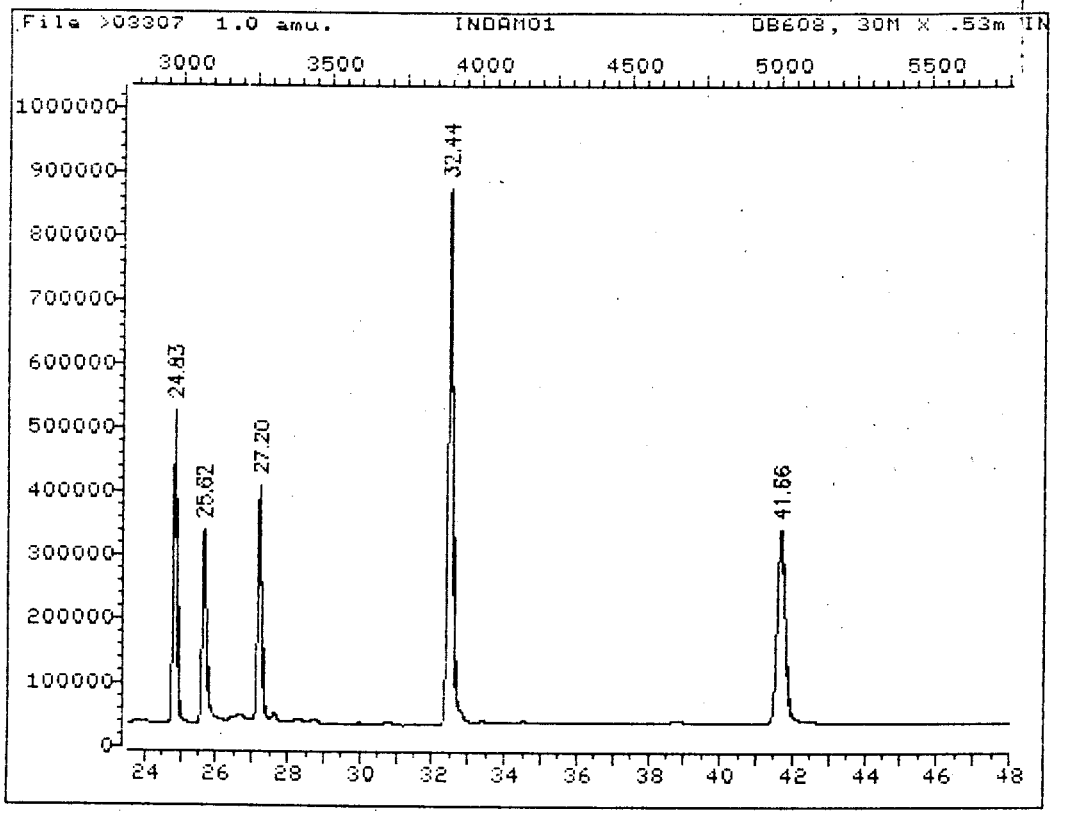

Data File: >03307::F3 Quant Output File: ^03307::GQ
Name: INDAM01 A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:07
Injected at: 960714 00:44

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960719 14:25
Output File: ^04307::GQ Injected at: 960714 00:44
Data File: >04307::G1 Dilution Factor: 1.00000
Name: INDAM01 A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	818276	20.00	ng/ml	100
2)	#alpha-BHC	0.020	13.42	1611	650885	20.00	ng/ml	100
5)	#gamma-BHC (Lindane)	0.020	15.27	1832	680219	20.00	ng/ml	100
6)	#Heptachlor	0.020	16.31	1957	935589	20.00	ng/ml	100
9)	#Endosulfan I	0.020	21.76	2611	697867	20.00	ng/ml	100
10)	#Dieldrin	0.040	23.40	2808	1283458	39.99	ng/ml	100
12)	#Endrin	0.040	24.37	2924	1161525	40.00	ng/ml	100
14)	#4,4'-DDD	0.040	26.53	3183	768887	40.00	ng/ml	100
16)	#4,4'-DDT	0.040	27.43	3291	699086	40.00	ng/ml	100
17)	#Methoxychlor	0.200	30.84	3701	2677130	200.00	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.71	4645	1834418	40.00	ng/ml	100

Compound uses ESTD

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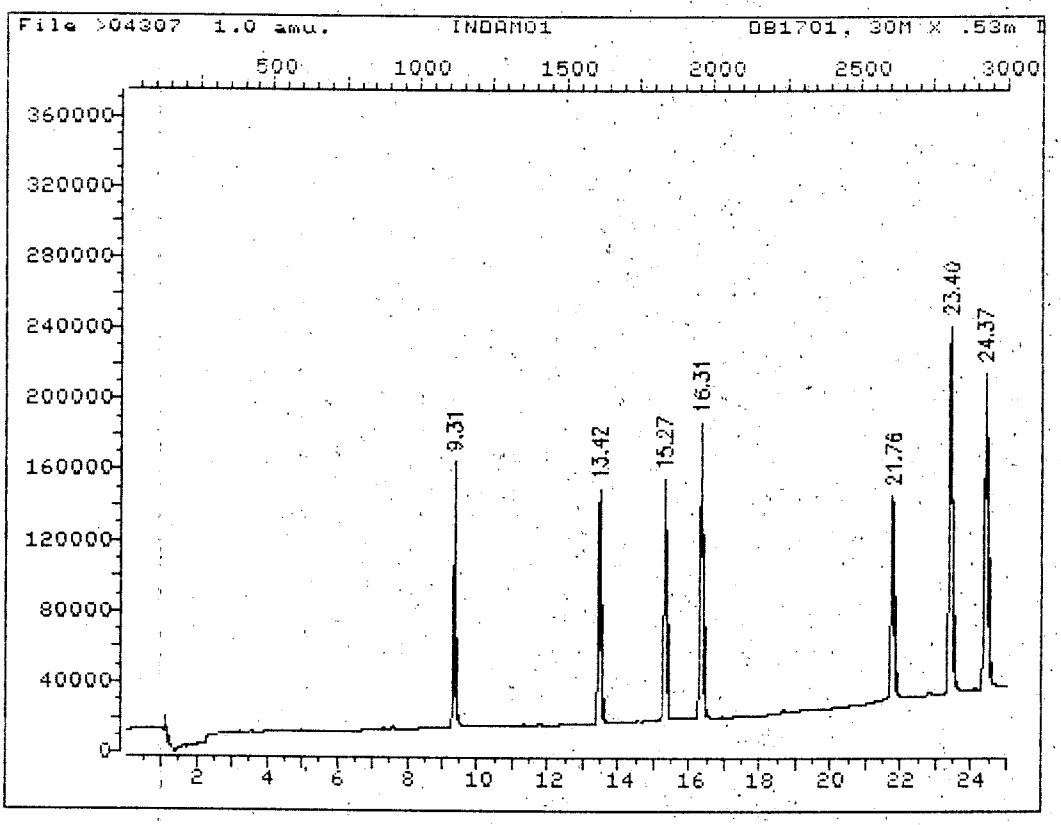

Data File: >04307::G1 Quant Output File: ^04307::GQ
Name: INDAM01A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:25
Injected at: 960714 00:44

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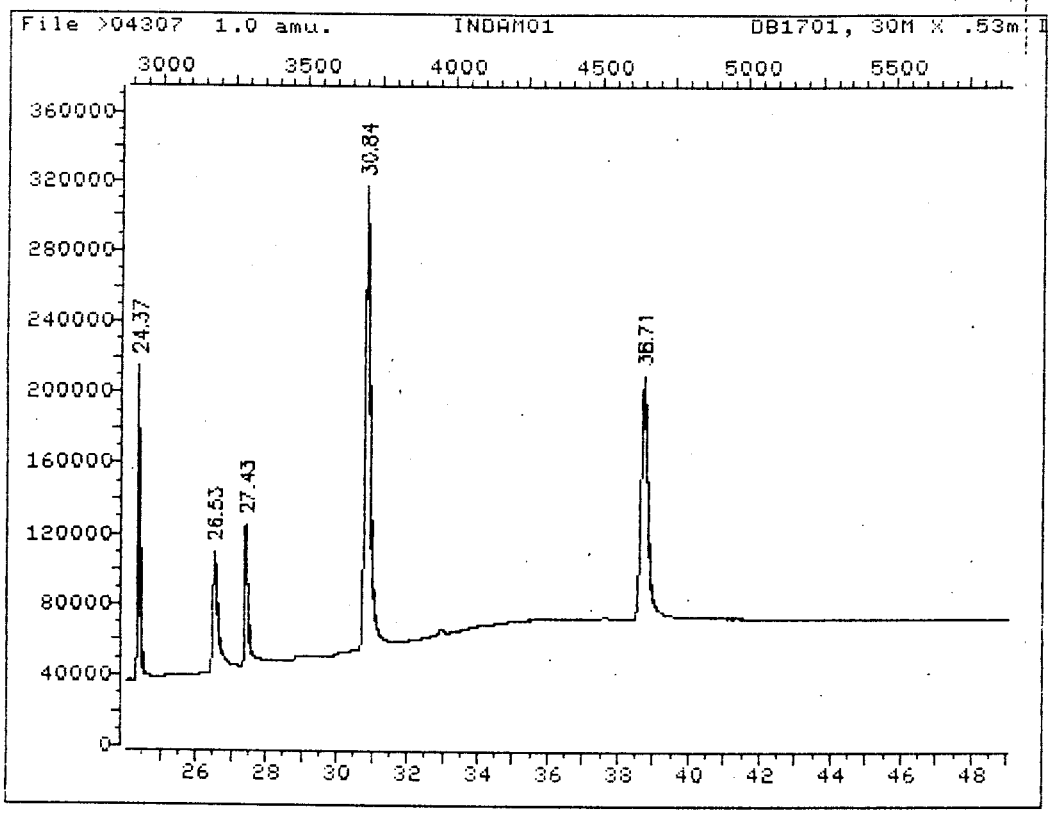

Data File: >04307::G1 Quant Output File: ^04307::GQ
Name: INDAM01A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:25
Injected at: 960714 00:44

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QUANT REPORT

Operator ID: TRFI2
Quant Rev: 7
Quant Time: 960719 14:10
Output File: ^03309::GQ
Injected at: 960714 02:33
Data File: >03309::F3
Dilution Factor: 1.00000
Name: INDAH01A
Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.07	1089	8311706	69.48	ng/ml	100
2)	#alpha-BHC	0.080	12.47	1497	12017956	80.64	ng/ml	100
5)	#gamma-BHC (Lindane)	0.080	14.36	1723	11095022	80.07	ng/ml	100
6)	#Heptachlor	0.080	15.86	1903	7763797	73.90	ng/ml	100
9)	#Endosulfan I	0.080	21.59	2591	7940062	74.81	ng/ml	100
10)	#Dieldrin	0.160	23.03	2764	14653404	155.33	ng/ml	100
12)	#Endrin	0.160	24.82	2978	13385048	153.14	ng/ml	100
14)	#4,4'-DDD	0.160	25.61	3073	10353114	167.67	ng/ml	100
16)	#4,4'-DDT	0.160	27.19	3263	11067664	162.93	ng/ml	100
17)	#Methoxychlor	0.800	32.44	3892	25818428	648.96	ng/ml	100
19)	#Decachlorobiphenyl	0.160	41.65	4998	14703094	127.17	ng/ml	100

Compound uses ESTD

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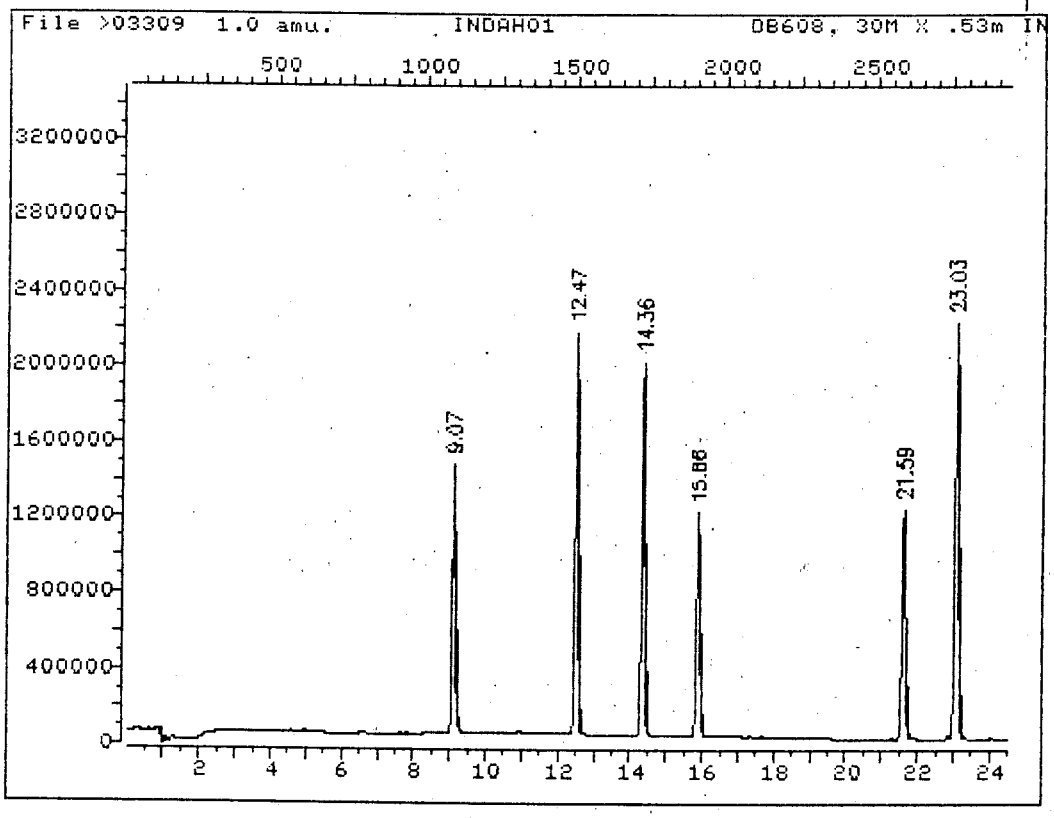

Data File: >03309::F3 Quant Output File: ^03309::GQ
Name: INDAH01A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:10
Injected at: 960714 02:33

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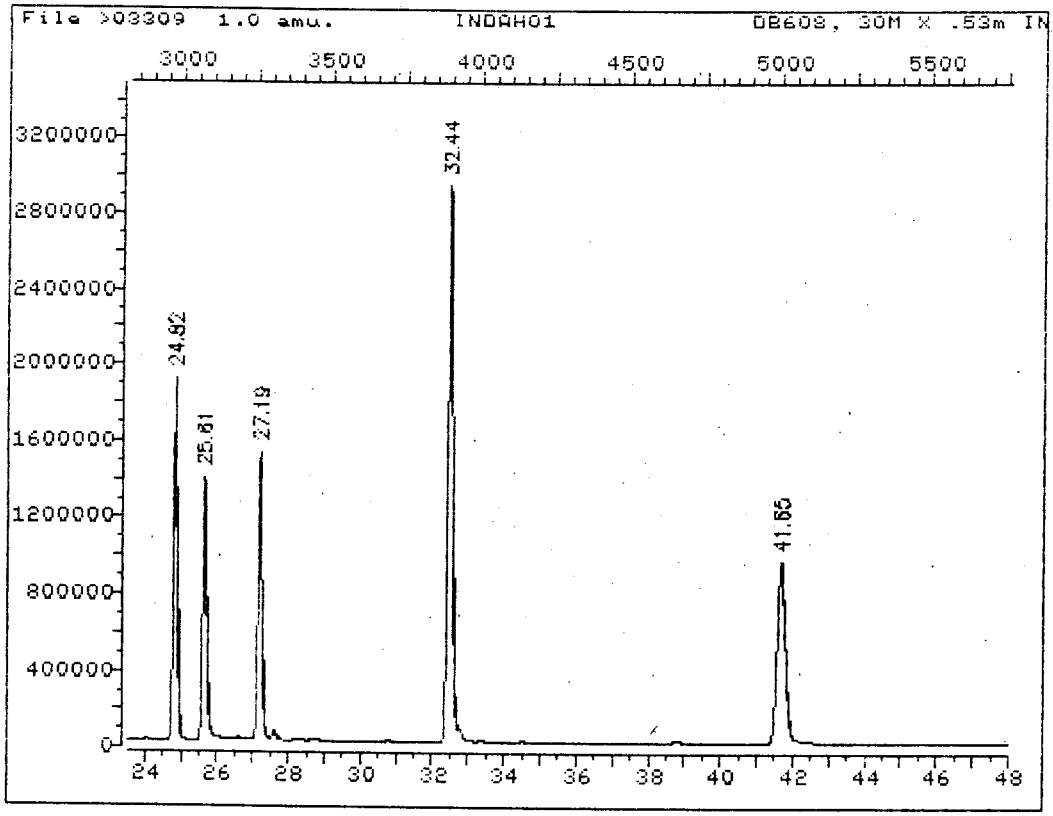

Data File: >03309::F3 Quant Output File: ^03309::GQ
Name: INDAH01 A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:10
Injected at: 960714 02:33

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960719 14:27
Output File: ^04309::GQ Injected at: 960714 02:33
Data File: >04309::G1 Dilution Factor: 1.00000
Name: INDAH01A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.31	1117	3122583	76.32	ng/ml	100
2)	#alpha-BHC	0.080	13.42	1611	3407177	104.69	ng/ml	100
5)	#gamma-BHC (Lindane)	0.080	15.27	1832	3380703	99.40	ng/ml	100
6)	#Heptachlor	0.080	16.31	1957	3574471	76.41	ng/ml	100
9)	#Endosulfan I	0.080	21.76	2611	2778474	79.63	ng/ml	100
10)	#Dieldrin	0.160	23.41	2809	5420871	168.91	ng/ml	100
12)	#Endrin	0.160	24.36	2923	4871158	167.75	ng/ml	100
14)	#4,4'-DDD	0.160	26.51	3181	3383367	176.01	ng/ml	100
16)	#4,4'-DDT	0.160	27.42	3290	3212571	183.82	ng/ml	100
17)	#Methoxychlor	0.800	30.83	3699	10010602	747.86	ng/ml	100
19)	#Decachlorobiphenyl	0.160	38.70	4644	6198480	135.16	ng/ml	100

Compound uses ESTD

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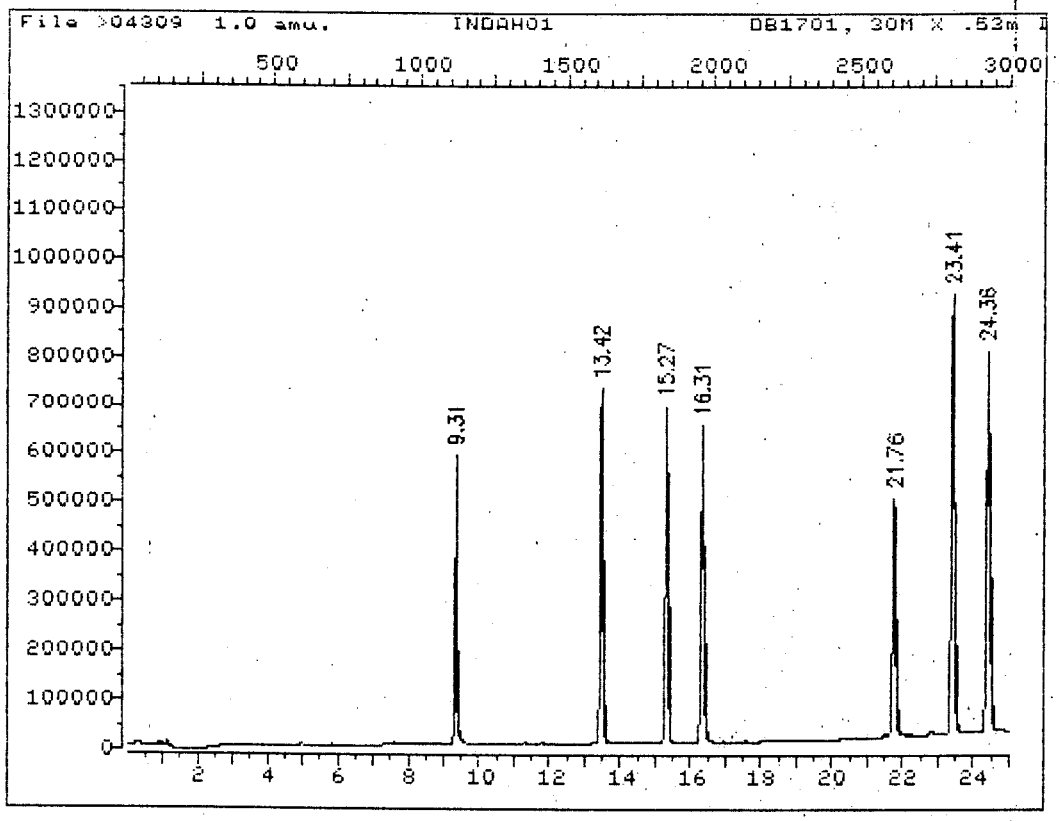

Data File: >04309::G1 Quant Output File: ^04309::GQ
Name: INDAH01 A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:27
Injected at: 960714 02:33

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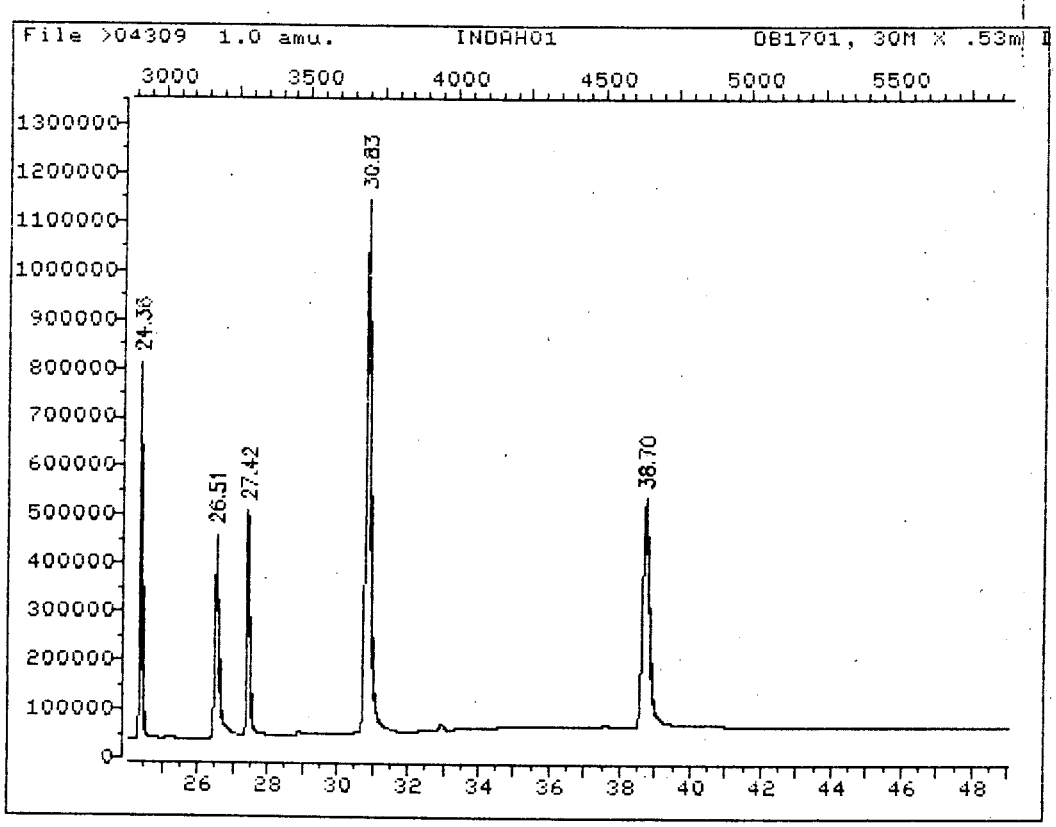

Data File: >04309::G1 Quant Output File: ^04309::GQ
Name: INDAH01A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:27
Injected at: 960714 02:33

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QUANT REPORT

Operator ID: TRFIL
Output File: ^03097::F3
Data File: >03097::G3
Name: INDBL01
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960704 15:20
Injected at: 960701 23:16
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960701 19:30

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.07	1089	663807	5.30	ng/ml	100
3)	#beta-BHC	0.005	14.79	1775	455150	5.55	ng/ml	100
4)	#delta-BHC	0.005	16.49	1979	521599	4.31	ng/ml	100
7)	#Aldrin	0.005	17.36	2083	719517	5.34	ng/ml	100
8)	#Heptachlor epoxide	0.005	20.03	2403	554726	5.05	ng/ml	100
11)	#4,4'-DDE	0.010	22.83	2739	790063	8.64	ng/ml	100
13)	#Endosulfan II	0.010	25.81	3097	926903	9.62	ng/ml	100
15)	#Endosulfan Sulfate	0.010	28.32	3398	1077148	12.15	ng/ml	100
18)	#Endrin ketone	0.010	32.77	3932	807450	8.97	ng/ml	100
19)	#Decachlorobiphenyl	0.010	41.68	5001	1340498	11.24	ng/ml	100
20)	#alpha-Chlordane	0.005	21.52	2582	553692	4.03	ng/ml	100
21)	#gamma-Chlordane	0.005	20.78	2493	577845	4.90	ng/ml	100
30)	#Endrin aldehyde	0.010	27.62	3314	837878	10.62	ng/ml	100

Compound uses ESTD

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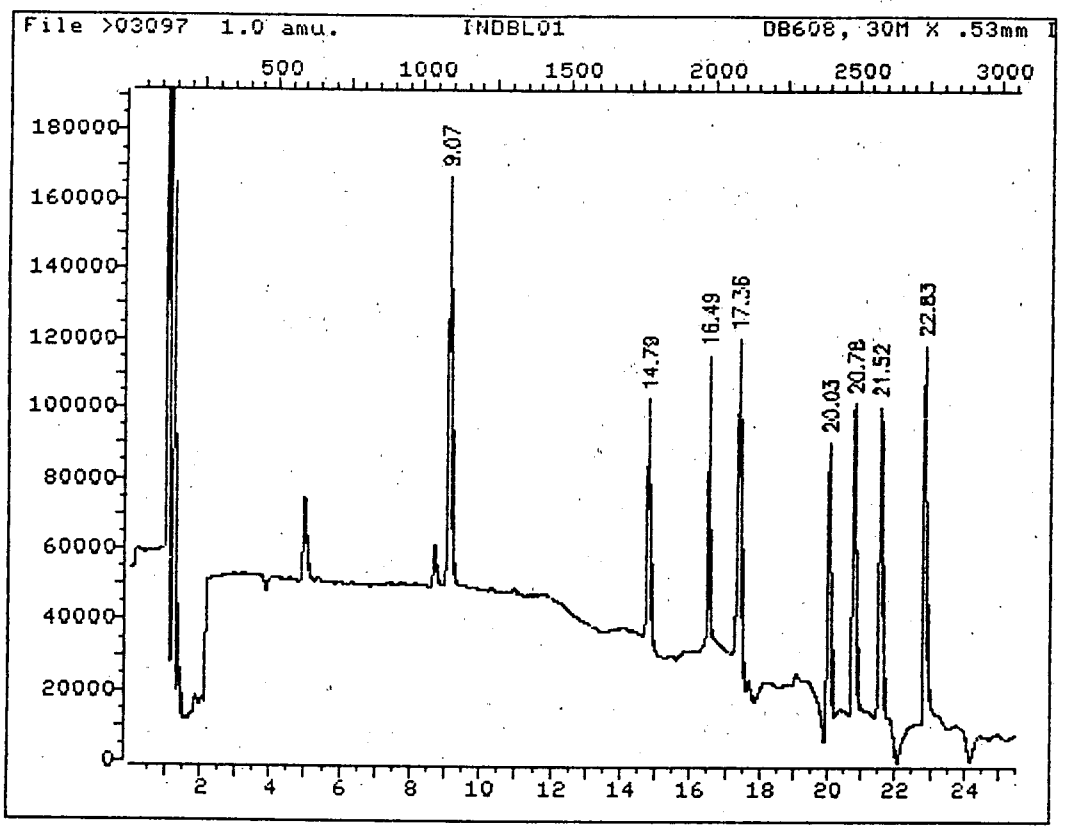

Data File: >03097::G3 Quant Output File: ^03097::F3
Name: INDBL01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:20
Injected at: 960701 23:16

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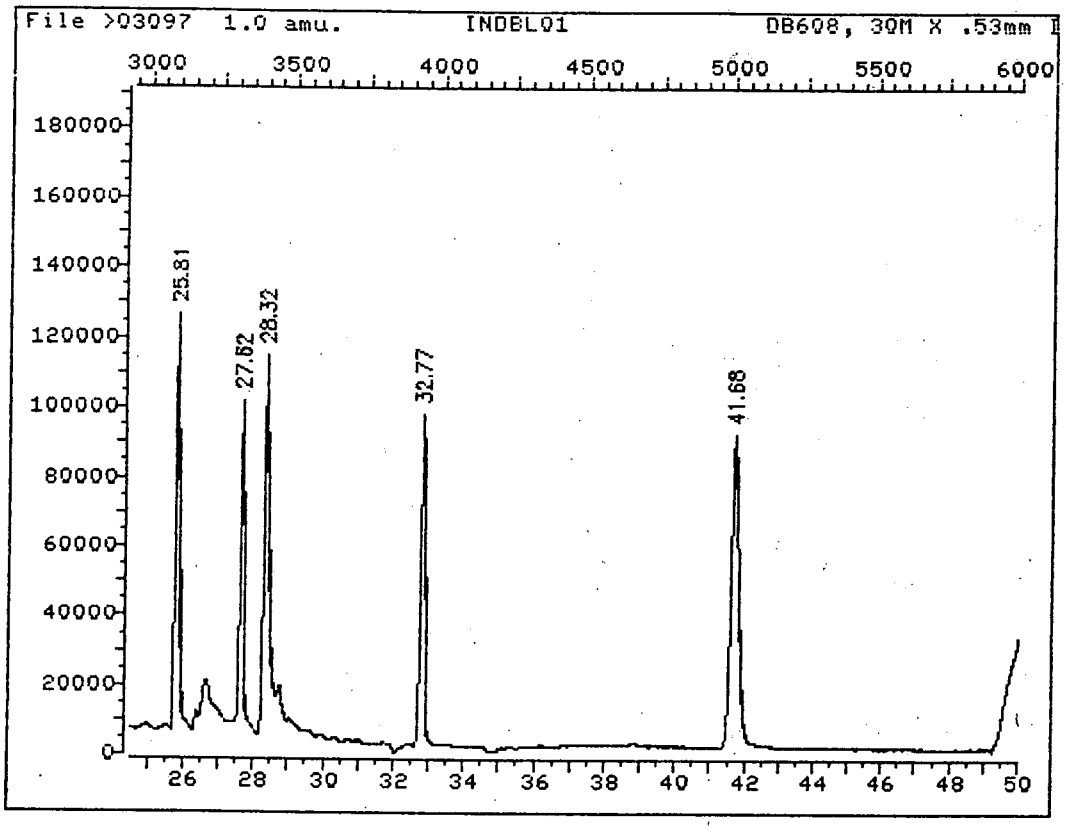

Data File: >03097::G3 Quant Output File: ^03097::F3
Name: INDBL01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:20
Injected at: 960701 23:16

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QUANT REPORT

Operator ID: TRFIL
Output File: ^04097::F3
Data File: >04097::G5
Name: INDBL01
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960702 22:04
Injected at: 960701 23:16
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07

Last Qcal Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.31	1117	214739	5.19	ng/ml	100
3)	#beta-BHC	0.005	18.63	2236	159996	6.09	ng/ml	100
4)	#delta-BHC	0.005	19.70	2364	94150	3.86	ng/ml	100
7)	#Aldrin	0.005	17.57	2108	175630	4.66	ng/ml	100
8)	#Heptachlor epoxide	0.005	20.54	2465	217042	4.97	ng/ml	100
11)	#4,4'-DDE	0.010	22.77	2732	263881	9.51	ng/ml	100
13)	#Endosulfan II	0.010	26.75	3210	381643	10.66	ng/ml	100
15)	#Endosulfan Sulfate	0.010	30.61	3673	235354	8.90	ng/ml	100
18)	#Endrin ketone	0.010	32.94	3953	249110	8.85	ng/ml	100
19)	#Decachlorobiphenyl	0.010	38.72	4646	502321	10.76	ng/ml	100
20)	#alpha-Chlordane	0.005	22.24	2669	191509	4.59	ng/ml	100
21)	#gamma-Chlordane	0.005	21.98	2638	190945	4.78	ng/ml	100
30)	#Endrin aldehyde	0.010	28.86	3463	259379	8.54	ng/ml	100

Compound uses ESTD

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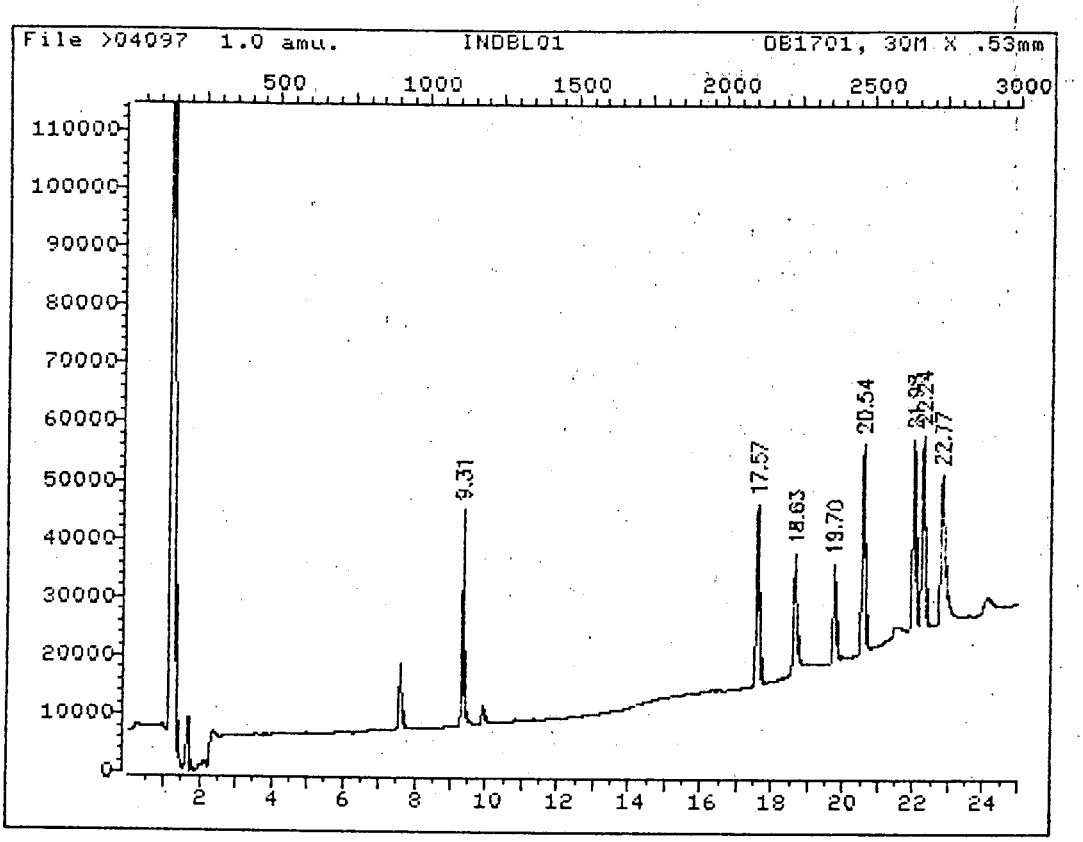

Data File: >04097::G5 Quant Output File: ^04097::F3
Name: INDBL01 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:04
Injected at: 960701 23:16

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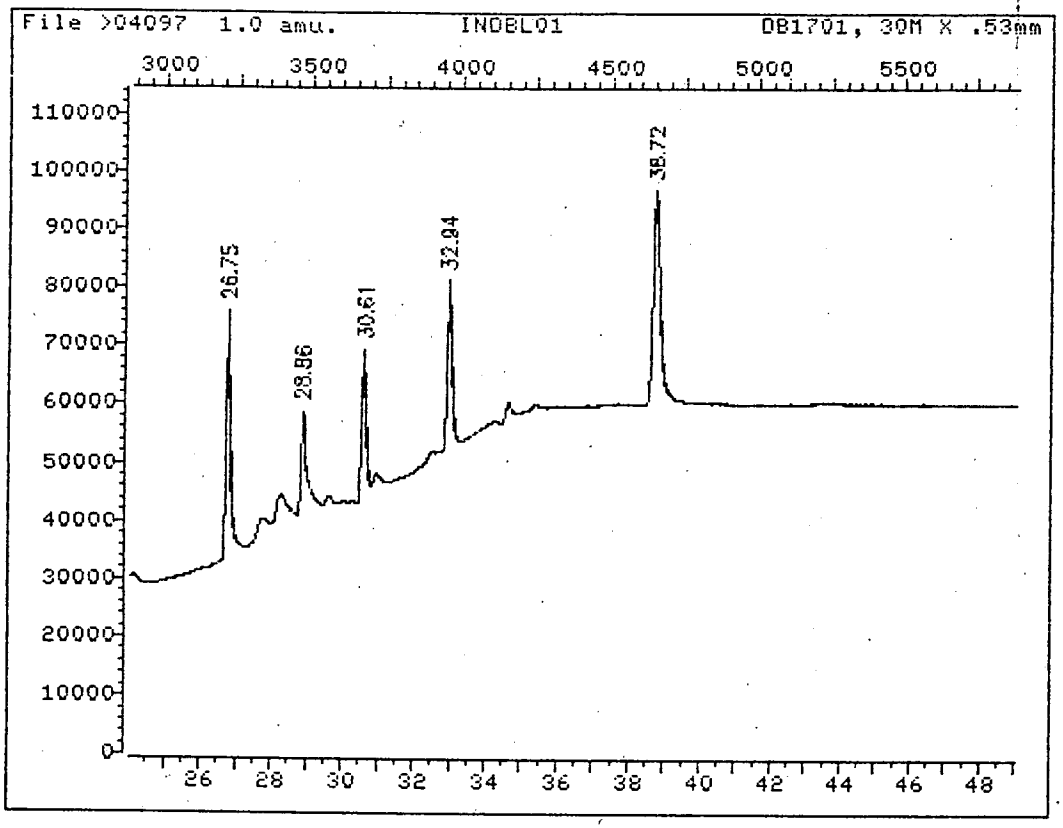

Data File: >04097::G5 Quant Output File: ^04097::F3
Name: INDBL01 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:04
Injected at: 960701 23:16

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QUANT REPORT

Operator ID: TRFIL
Output File: ^03099::F3
Data File: >03099::G3
Name: INDBM01
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960704 15:22
Injected at: 960702 01:09
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960701 19:30

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2478569	19.81	ng/ml	100
3)	#beta-BHC	0.020	14.80	1776	1641629	20.00	ng/ml	100
4)	#delta-BHC	0.020	16.50	1980	2417660	20.00	ng/ml	100
7)	#Aldrin	0.020	17.37	2084	2695028	20.00	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.03	2404	2196866	20.00	ng/ml	100
11)	#4,4'-DDE	0.040 ~~0.020~~	22.83	2740	3659165	40.01	ng/ml	100
13)	#Endosulfan II	0.040	25.81	3097	3852477	40.00	ng/ml	100
15)	#Endosulfan Sulfate	0.040	28.33	3399	3545364	40.00	ng/ml	100
18)	#Endrin ketone	0.040	32.78	3933	3601385	40.00	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.68	5002	4787890	40.14	ng/ml	100
20)	#alpha-Chlordane	0.020	21.53	2583	2746479	20.00	ng/ml	100
21)	#gamma-Chlordane	0.020	20.78	2494	2356816	20.00	ng/ml	100
30)	#Endrin aldehyde	0.040	27.62	3314	3155127	40.00	ng/ml	100

Compound uses ESTD

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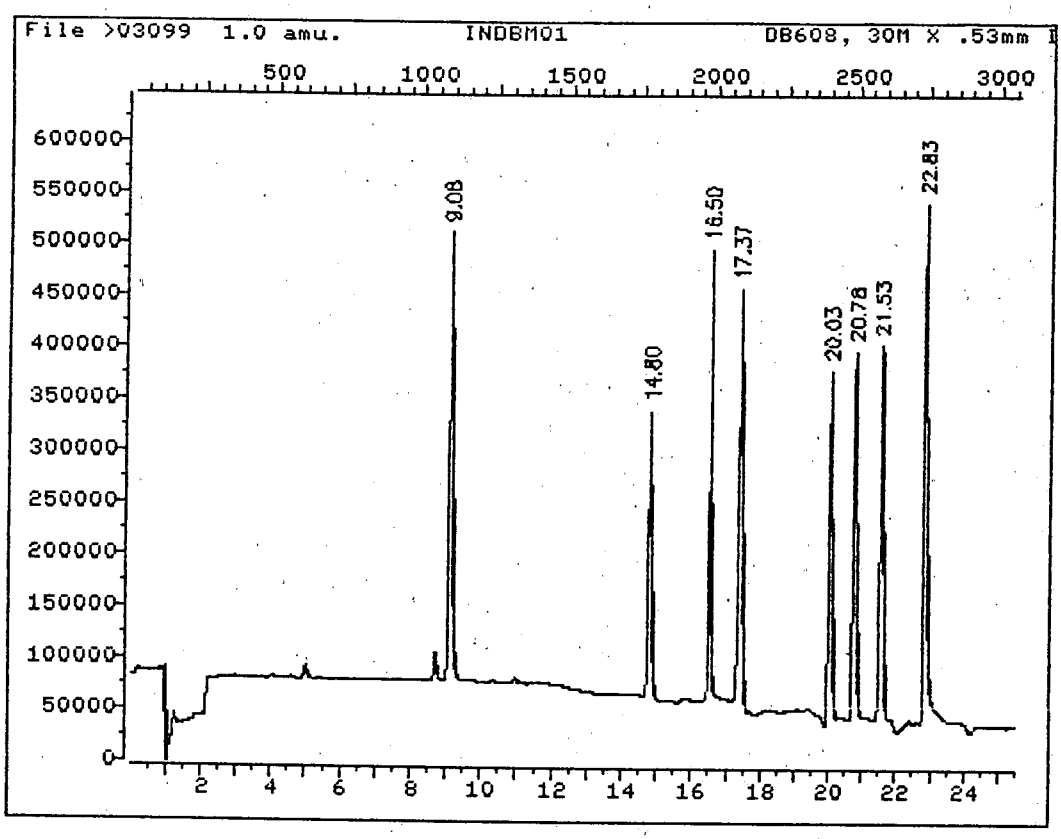

Data File: >03099::G3 Quant Output File: ^03099::F3
Name: INDBM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:22
Injected at: 960702 01:09

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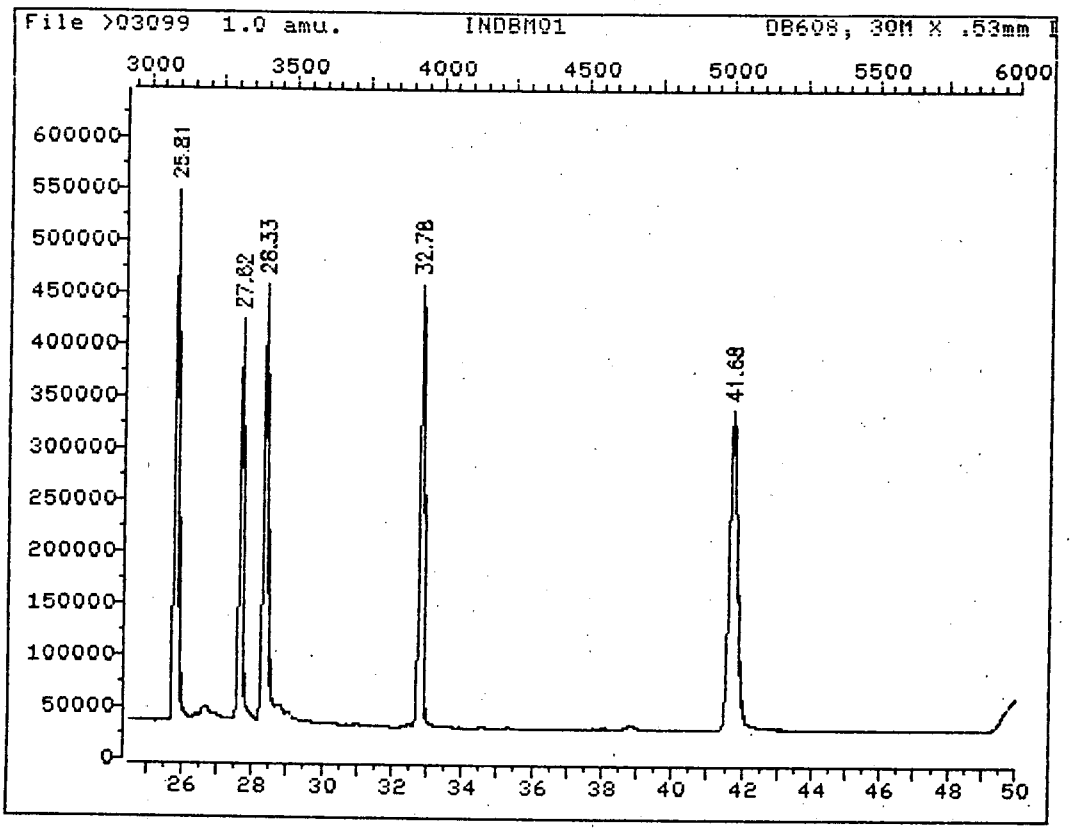

Data File: >03099::G3 Quant Output File: ^03099::F3
Name: INDBM01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:22
Injected at: 960702 01:09

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QUANT REPORT

Operator ID: TRFIL
Output File: ^04099::F3
Data File: >04099::G5
Name: INDBM01
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960702 22:06
Injected at: 960702 01:09
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	828305	20.00	ng/ml	100
3)	#beta-BHC	0.020	18.63	2236	525511	20.00	ng/ml	100
4)	#delta-BHC	0.020	19.71	2365	487440	20.00	ng/ml	100
7)	#Aldrin	0.020	17.58	2109	753212	20.00	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.55	2466	873389	20.00	ng/ml	100
11)	#4,4'-DDE	0.040	22.77	2732	1110389	40.00	ng/ml	100
13)	#Endosulfan II	0.040	26.75	3210	1431609	40.00	ng/ml	100
15)	#Endosulfan Sulfate	0.040	30.61	3673	1058271	40.00	ng/ml	100
18)	#Endrin ketone	0.040	32.94	3953	1126314	40.00	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.72	4646	1878491	40.23	ng/ml	100
20)	#alpha-Chlordane	0.020	22.24	2669	834085	20.00	ng/ml	100
21)	#gamma-Chlordane	0.020	21.99	2639	799259	20.00	ng/ml	100
30)	#Endrin aldehyde	0.040	28.87	3464	1215421	40.00	ng/ml	100

Compound uses ESTD

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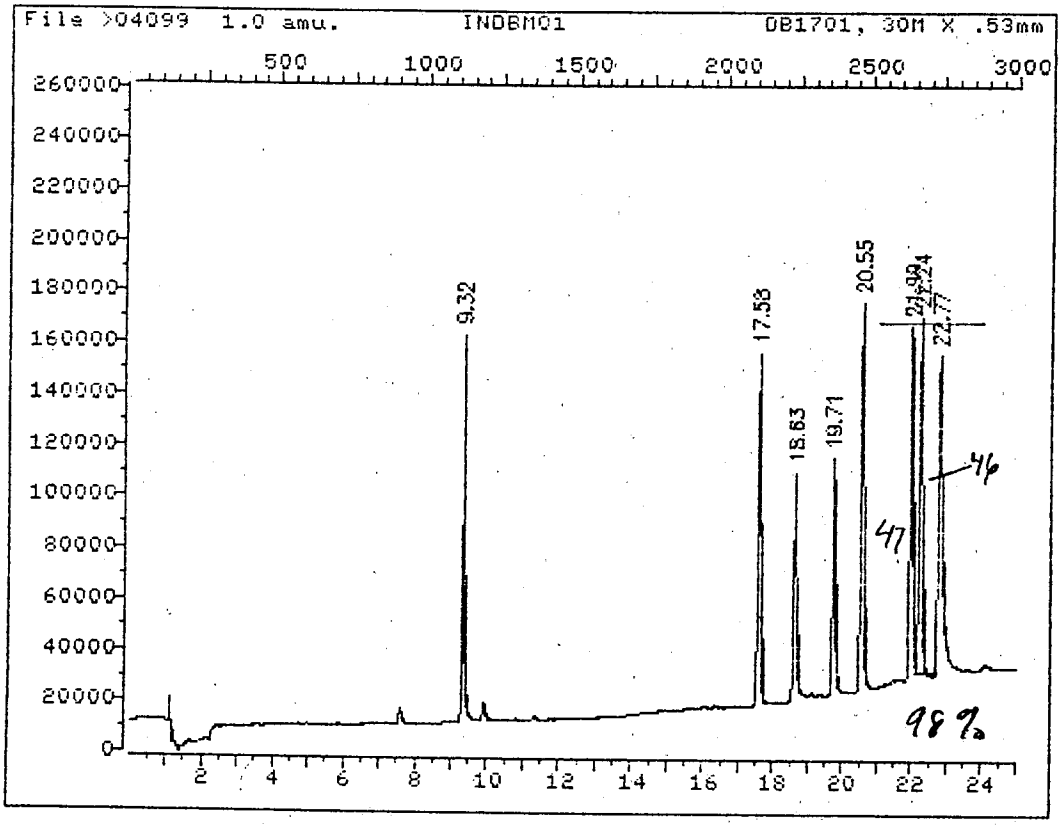

Data File: >04099::G5 Quant Output File: ^04099::F3
Name: INDBM01 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:06
Injected at: 960702 01:09

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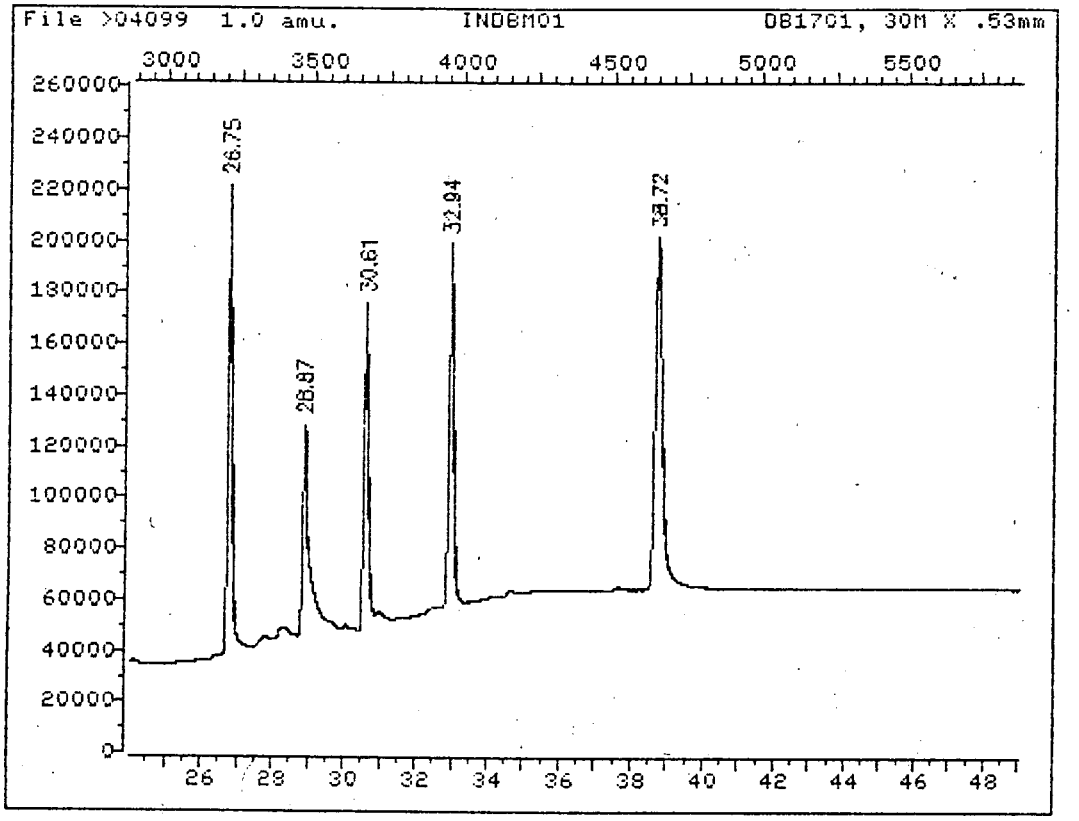

Data File: >04099::G5 Quant Output File: ^04099::F3
Name: INDBM01 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:06
Injected at: 960702 01:09

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QUANT REPORT

Operator ID: TRFIL
Quant Rev: 7
Quant Time: 960704 15:24
Output File: ^03101::F3
Injected at: 960702 03:03
Data File: >03101::G3
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: 960701 19:30

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.08	1090	8488088	67.83	ng/ml	100
3)	#beta-BHC	0.080	14.80	1776	5639722	68.71	ng/ml	100
4)	#delta-BHC	0.080	16.50	1980	10247194	84.77	ng/ml	100
7)	#Aldrin	0.080	17.37	2084	9938430	73.75	ng/ml	100
8)	#Heptachlor epoxide	0.080	20.03	2404	8122314	73.94	ng/ml	100
11)	#4,4'-DDE	0.160	22.83	2739	14264670	155.97	ng/ml	100
13)	#Endosulfan II	0.160	25.81	3097	13703798	142.29	ng/ml	100
15)	#Endosulfan Sulfate	0.160	28.33	3399	12064850	136.12	ng/ml	100
18)	#Endrin ketone	0.160	32.78	3933	13249010	147.15	ng/ml	100
19)	#Decachlorobiphenyl	0.160	41.68	5002	14702270	123.24	ng/ml	100
20)	#alpha-Chlordane	0.080	21.53	2583	8794210	64.04	ng/ml	100
21)	#gamma-Chlordane	0.080	20.78	2494	8431358	71.55	ng/ml	100
30)	#Endrin aldehyde	0.160	27.62	3314	10939432	138.69	ng/ml	100

Compound uses ESTD

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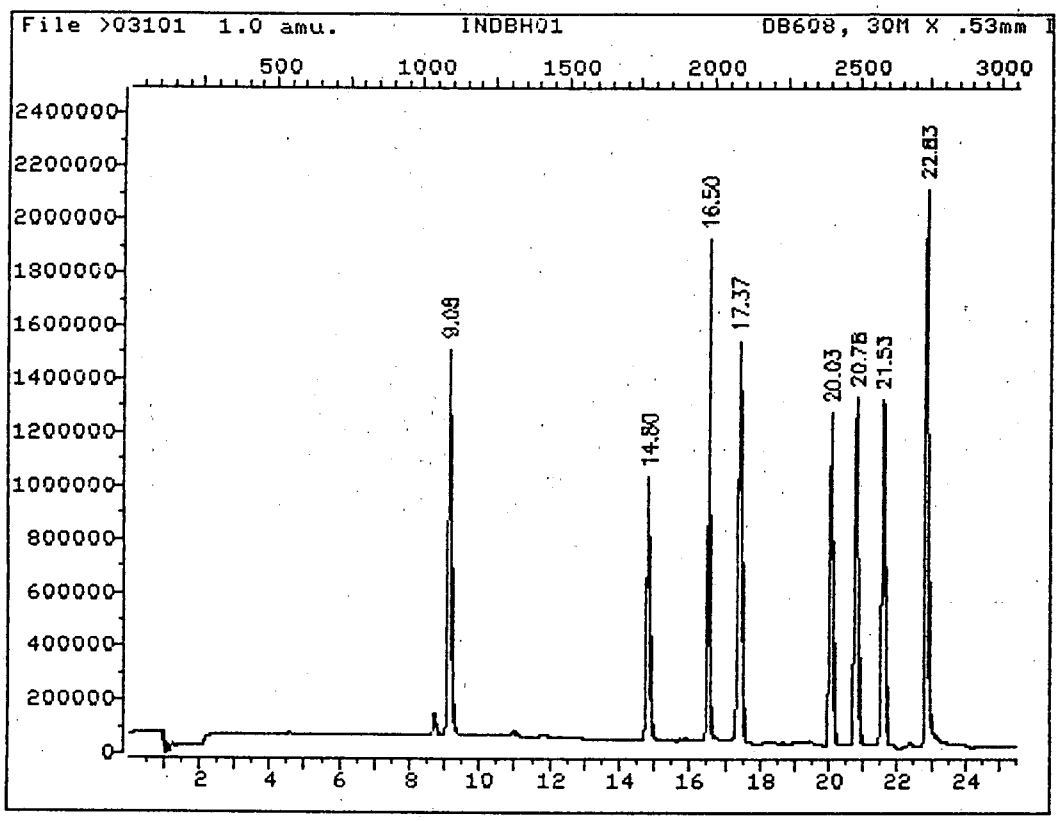
7/9/96



Data File: >03101::G3 Quant Output File: ^03101::F3
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: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:24
Injected at: 960702 03:03

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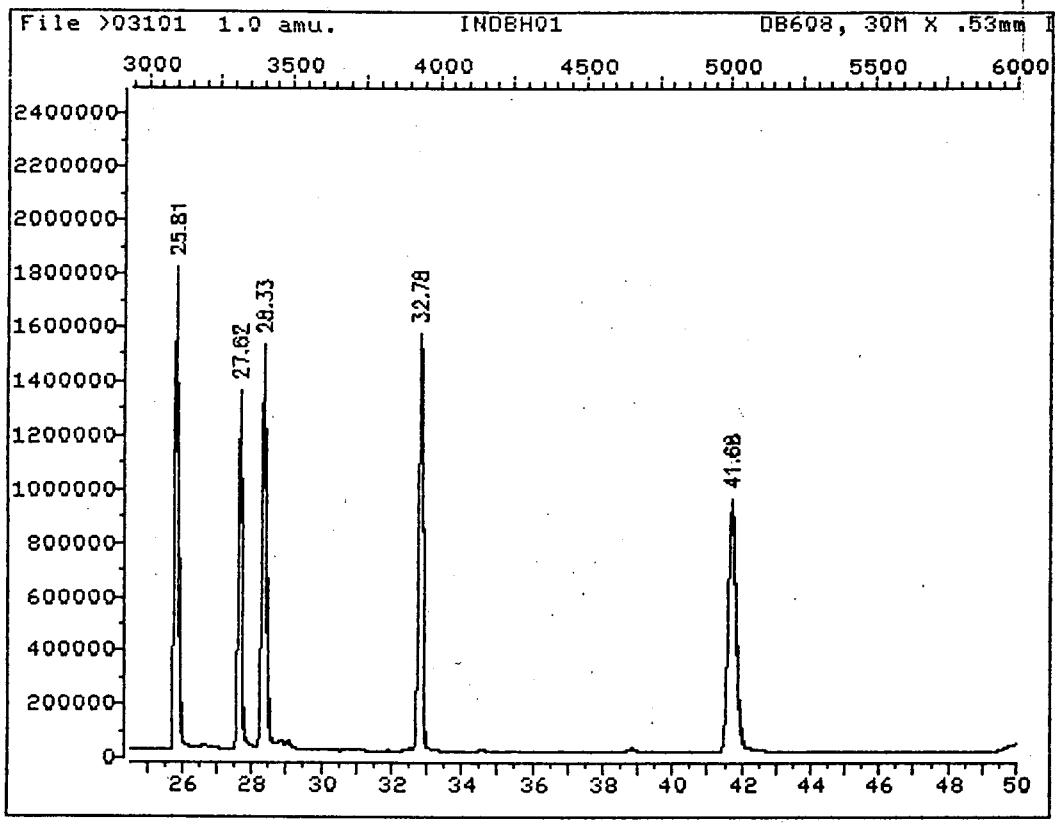

Data File: >03101::G3 Quant Output File: ^03101::F3
Name: INDBH01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960701 19:30

Operator ID: TRFIL
Quant Time : 960704 15:24
Injected at: 960702 03:03

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QUANT REPORT

Operator ID: TRFIL
Output File: ^04101::F3
Data File: >04101::G5
Name: INDBH01
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960702 22:08
Injected at: 960702 03:03
Dilution Factor: 1.00000
Instrument ID: GC04

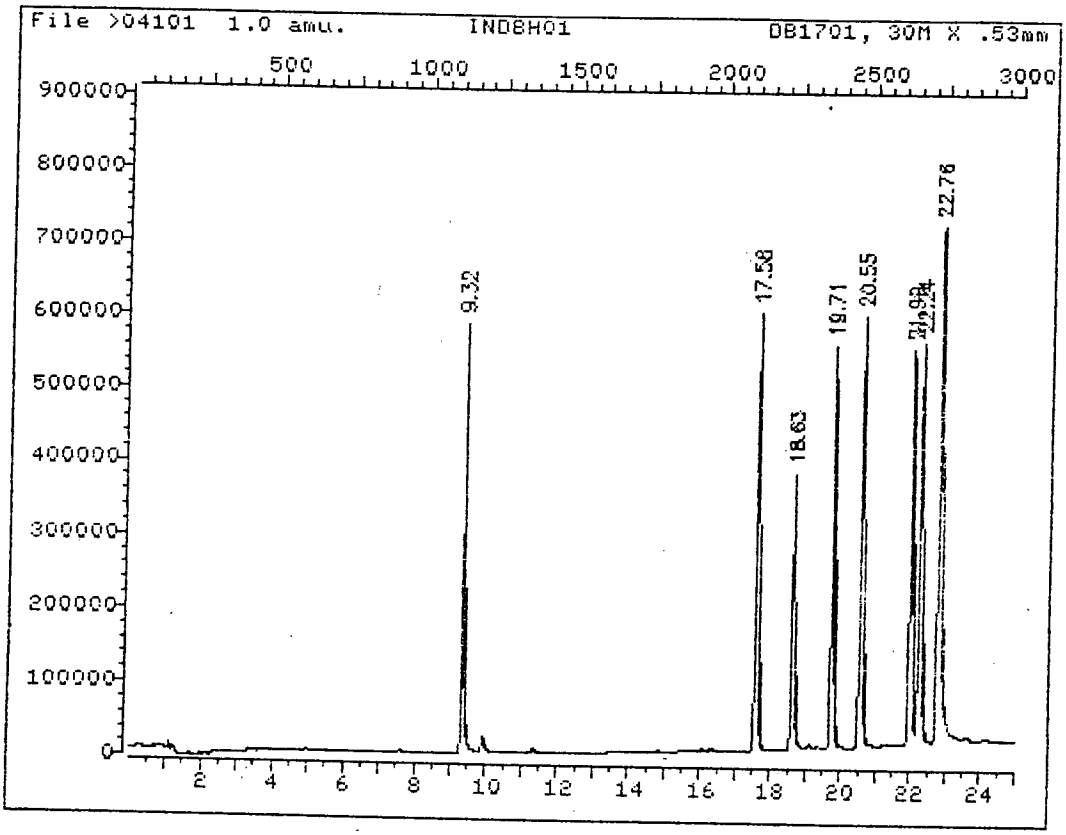
ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07

Last Qcal Time: 960701 21:23

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.32	1118	3126685	75.50	ng/ml	100
3)	#beta-BHC	0.080	18.63	2236	1967079	74.86	ng/ml	100
4)	#delta-BHC	0.080	19.71	2365	2631699	107.98	ng/ml	100
7)	#Aldrin	0.080	17.58	2109	3183800	84.54	ng/ml	100
8)	#Heptachlor epoxide	0.080	20.55	2466	3287481	75.28	ng/ml	100
11)	#4,4'-DDE	0.160	22.76	2731	4864399	175.23	ng/ml	100
13)	#Endosulfan II	0.160	26.74	3209	5286350	147.70	ng/ml	100
15)	#Endosulfan Sulfate	0.160	30.60	3672	4288517	162.10	ng/ml	100
18)	#Endrin ketone	0.160	32.94	3953	4826871	171.42	ng/ml	100
19)	#Decachlorobiphenyl	0.160	38.71	4645	6123523	131.13	ng/ml	100
20)	#alpha-Chlordane	0.080	22.24	2669	3150562	75.55	ng/ml	100
21)	#gamma-Chlordane	0.080	21.99	2639	3044363	76.18	ng/ml	100
30)	#Endrin aldehyde	0.160	28.87	3464	4564840	150.23	ng/ml	100

Compound uses ESTD

EPrui
7/10/96



Data File: >04101::G5
Name: INDBH01
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Output File: ^04101::F3
Instrument ID: GC04

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07

Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:08
Injected at: 960702 03:03

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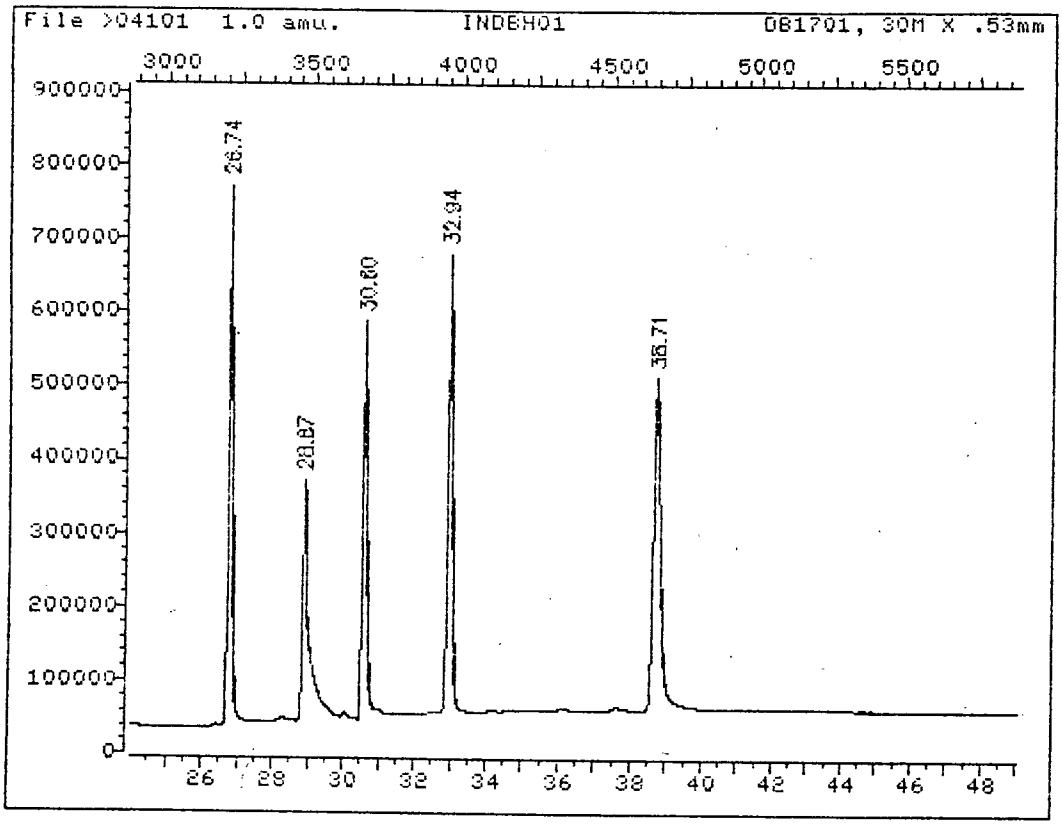

Data File: >04101::G5 Quant Output File: ^04101::F3
Name: INDBH01 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 22:08
Injected at: 960702 03:03

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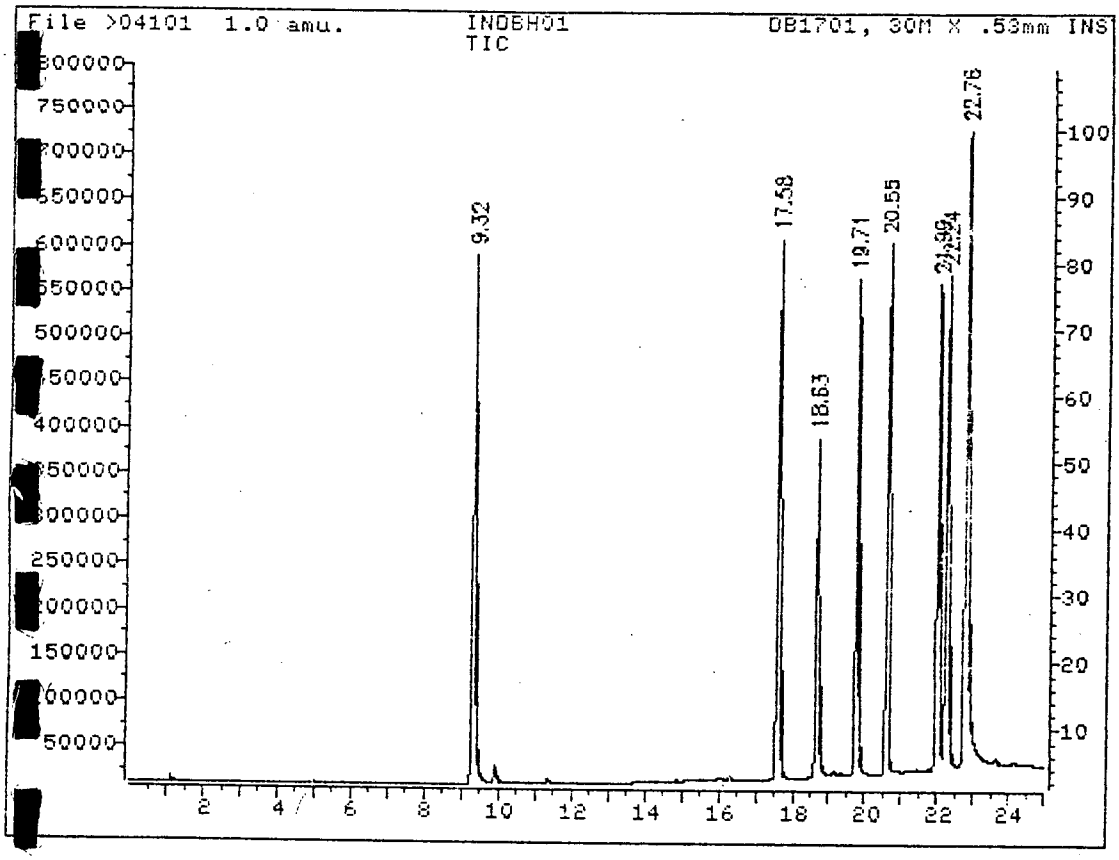
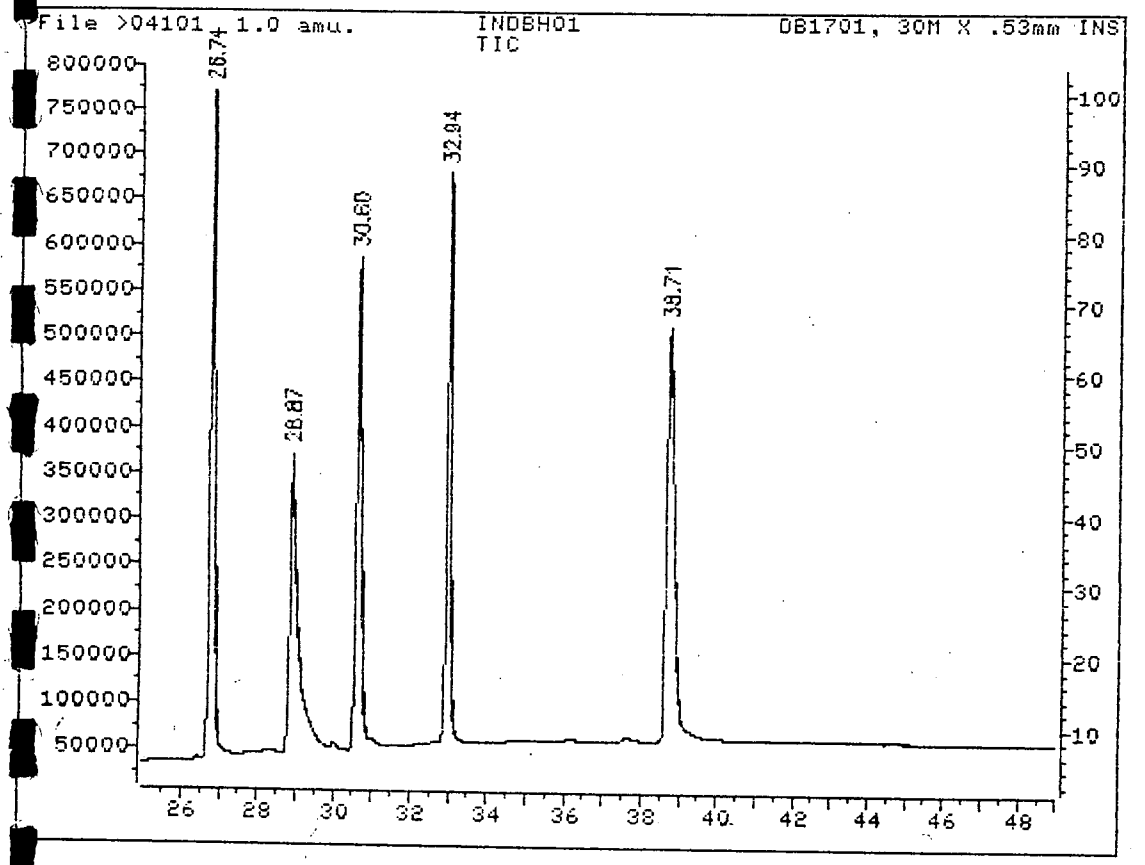


S data file header from : >04101::G5

ample: INDBH01 Operator: TRFIL 7/02/96 3:03
isc : 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 : >04101::G5

Sample: INDBH01 Operator: TRFIL 7/02/96 3:03
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
Output File: ^03306::GQ
Data File: >03306::F3
Name: INDBL01 A
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

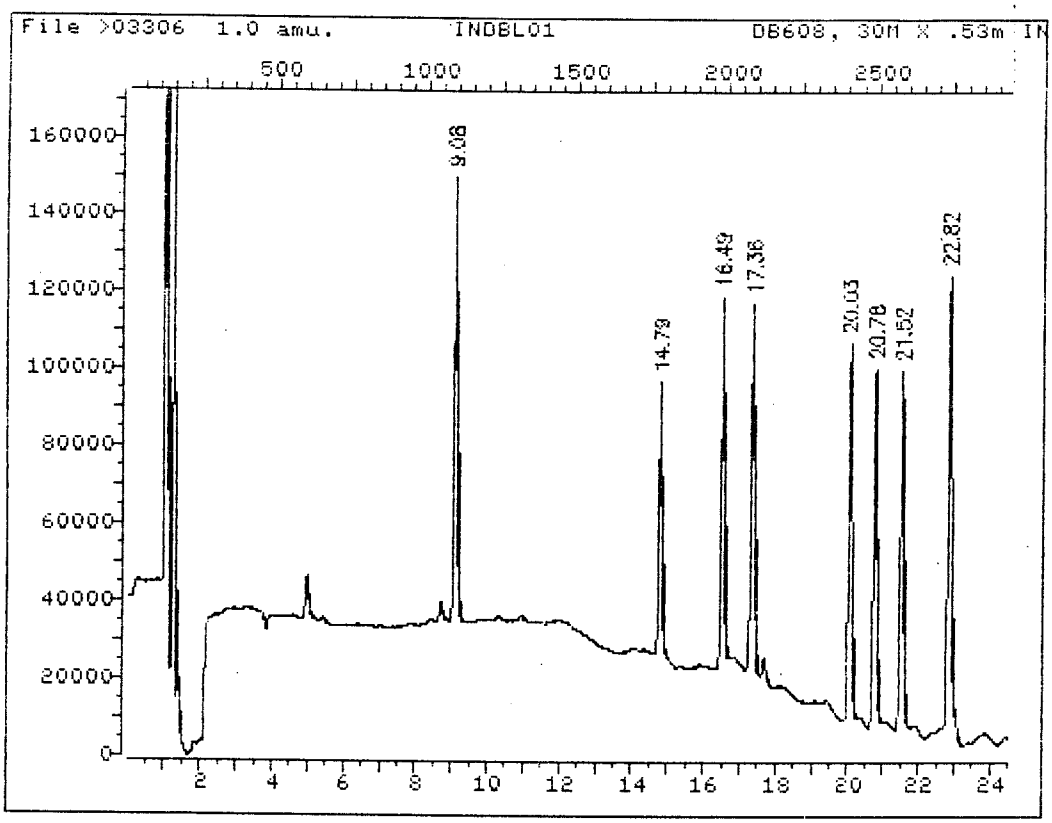
Quant Rev: 7
Quant Time: 960719 14:06
Injected at: 960713 23:50
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.08	1090	631866	5.28	ng/ml	100
3)	#beta-BHC	0.005	14.79	1775	437164	5.34	ng/ml	100
4)	#delta-BHC	0.005	16.49	1979	537266	4.18	ng/ml	100
7)	#Aldrin	0.005	17.36	2083	637167	4.77	ng/ml	100
8)	#Heptachlor epoxide	0.005	20.03	2403	604363	4.84	ng/ml	100
11)	#4,4'-DDE	0.010	22.82	2738	891206	9.65	ng/ml	100
13)	#Endosulfan II	0.010	25.80	3096	944866	9.55	ng/ml	100
15)	#Endosulfan Sulfate	0.010	28.31	3397	902240	10.26	ng/ml	100
18)	#Endrin ketone	0.010	32.76	3931	859224	9.27	ng/ml	100
19)	#Decachlorobiphenyl	0.010	41.66	4999	1251304	10.82	ng/ml	100
20)	#alpha-Chlordane	0.005	21.52	2582	586285	4.87	ng/ml	100
21)	#gamma-Chlordane	0.005	20.78	2493	598639	4.95	ng/ml	100
30)	#Endrin aldehyde	0.010	27.61	3313	834497	10.32	ng/ml	100

Compound uses ESTD

EPrice
7/22/96



Data File: >03306::F3 Quant Output File: ^03306::GQ
Name: INDBL01A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:06
Injected at: 960713 23:50

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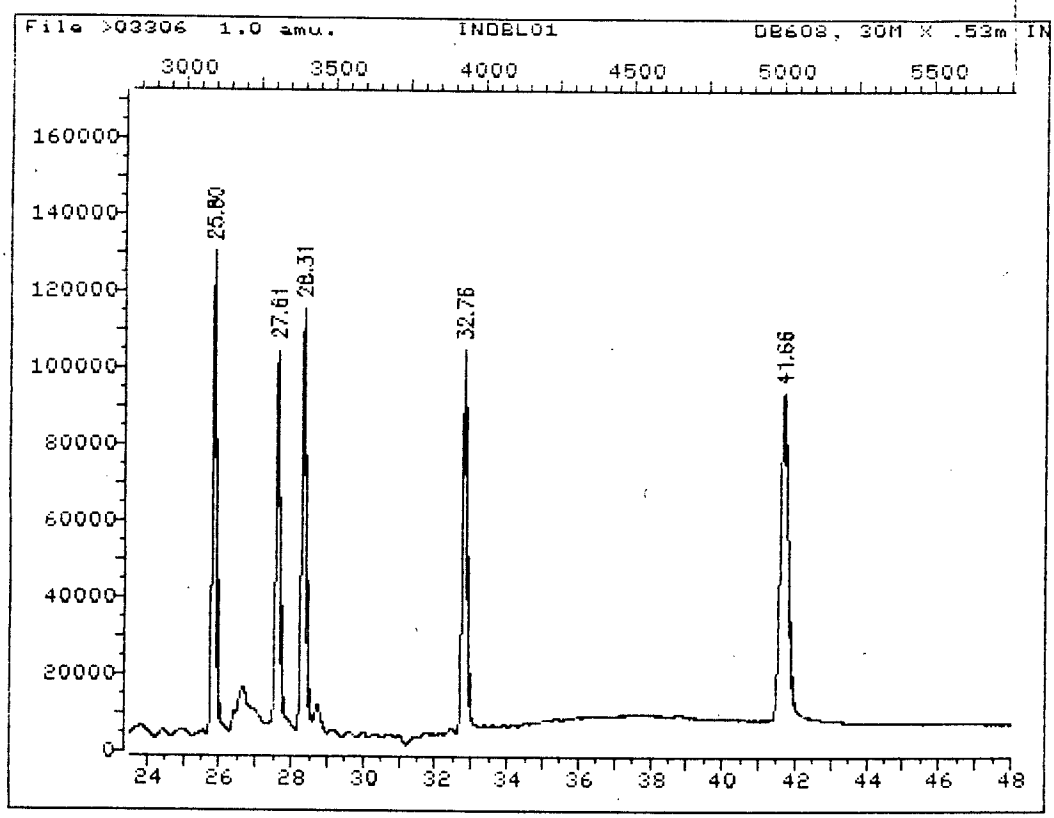

Data File: >03306::F3 Quant Output File: ^03306::GQ
Name: INDBL01A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:06
Injected at: 960713 23:50

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QUANT REPORT

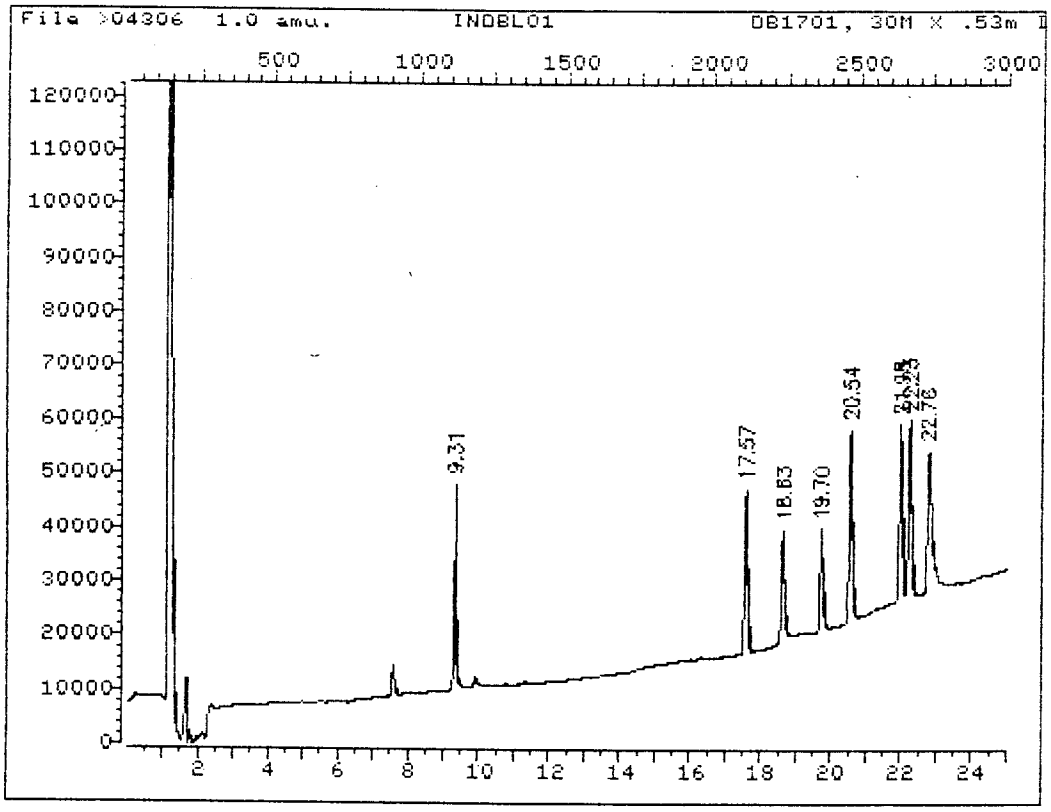
Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960719 14:24
Output File: ^04306::GQ Injected at: 960713 23:50
Data File: >04306::G1 Dilution Factor: 1.00000
Name: INDBL01 A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.005	9.31	1117	217288	5.31	ng/ml	100
3)	#beta-BHC	0.005	18.63	2235	133512	5.32	ng/ml	100
4)	#delta-BHC	0.005	19.70	2364	108311	4.13	ng/ml	100
7)	#Aldrin	0.005	17.57	2108	173543	4.63	ng/ml	100
8)	#Heptachlor epoxide	0.005	20.54	2465	226603	5.25	ng/ml	100
11)	#4,4'-DDE	0.010	22.76	2731	273667	9.66	ng/ml	100
13)	#Endosulfan II	0.010	26.74	3209	299305	8.74	ng/ml	100
15)	#Endosulfan Sulfate	0.010	30.59	3671	240769	8.78	ng/ml	100
18)	#Endrin ketone	0.010	32.94	3952	371389	11.71	ng/ml	100
19)	#Decachlorobiphenyl	0.010	38.71	4645	484061	10.56	ng/ml	100
20)	#alpha-Chlordane	0.005	22.23	2668	195384	4.69	ng/ml	100
21)	#gamma-Chlordane	0.005	21.98	2638	193309	4.82	ng/ml	100
30)	#Endrin aldehyde	0.010	28.86	3463	329965	10.26	ng/ml	100

Compound uses ESTD

EPrice
7/22/96



Data File: >04306::G1 Quant Output File: ^04306::GQ
Name: INDBL01 A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:24
Injected at: 960713 23:50

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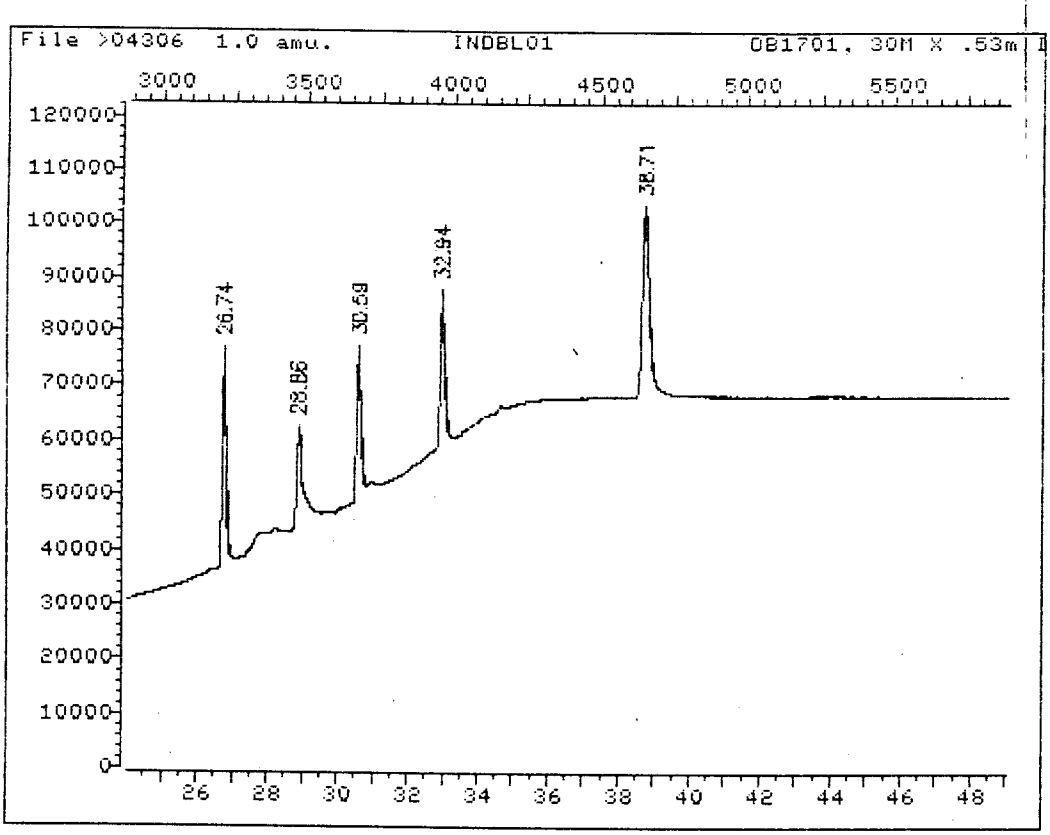

Data File: >04306::G1 Quant Output File: ^04306::GQ
Name: INDBL01A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:24
Injected at: 960713 23:50

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QUANT REPORT

Operator ID: TRFI2 Quant Rev: 7 Quant Time: 960719 14:09
Output File: ^03308::GQ Injected at: 960714 01:39
Data File: >03308::F3 Dilution Factor: 1.00000
Name: INDBM01 A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2394607	20.02	ng/ml	100
3)	#beta-BHC	0.020	14.79	1775	1635921	20.00	ng/ml	100
4)	#delta-BHC	0.020	16.49	1979	2572240	20.00	ng/ml	100
7)	#Aldrin	0.020	17.36	2083	2670313	20.00	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.03	2403	2496892	20.00	ng/ml	100
11)	#4,4'-DDE	0.040	22.82	2738	3693567	40.00	ng/ml	100
13)	#Endosulfan II	0.040	25.80	3096	3958235	40.00	ng/ml	100
15)	#Endosulfan Sulfate	0.040	28.31	3397	3517552	40.00	ng/ml	100
18)	#Endrin ketone	0.040	32.76	3931	3709415	40.00	ng/ml	100
19)	#Decachlorobiphenyl	0.040	41.66	4999	4637164	40.11	ng/ml	100
20)	#alpha-Chlordane	0.020	21.52	2582	2410080	20.00	ng/ml	100
21)	#gamma-Chlordane	0.020	20.78	2493	2418310	20.00	ng/ml	100
30)	#Endrin aldehyde	0.040	27.61	3313	3235794	40.00	ng/ml	100

Compound uses ESTD

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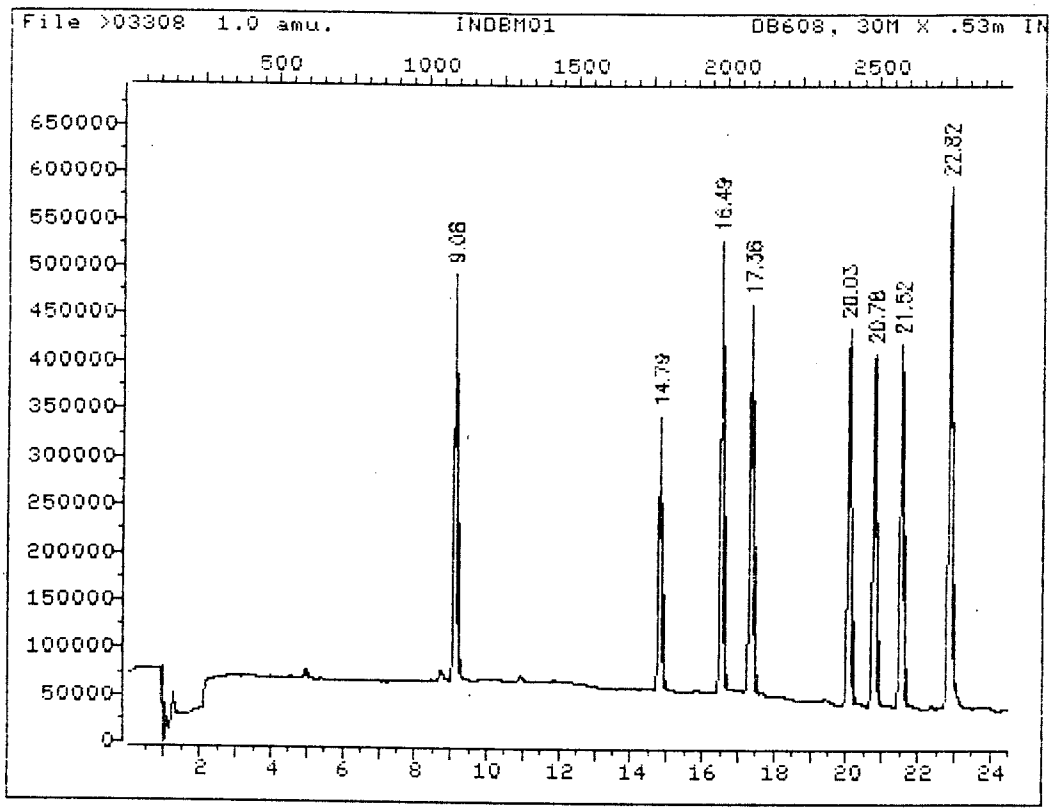
7/22/96



Data File: >03308::F3 Quant Output File: ^03308::GQ
Name: INDBM01 A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:09
Injected at: 960714 01:39

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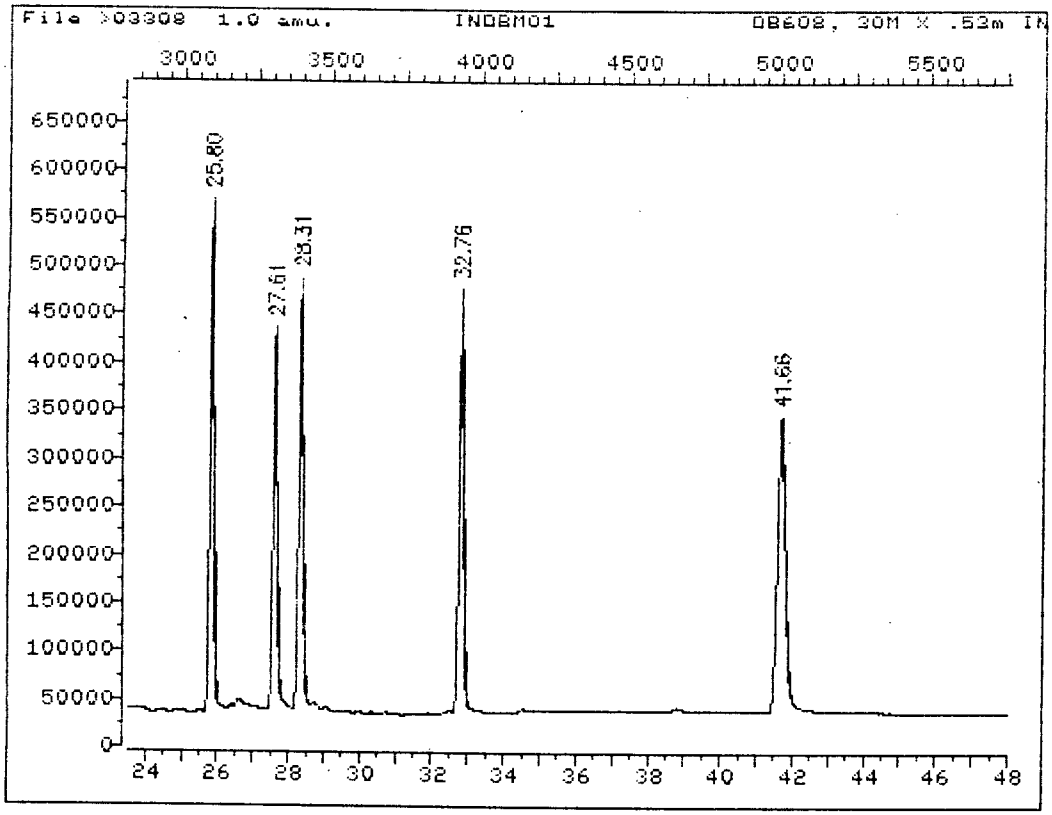

Data File: >03308::F3 Quant Output File: ^03308::GQ
Name: INDBM01A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:09
Injected at: 960714 01:39

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QUANT REPORT

Operator ID: TRFI2
Output File: ^04308::GQ
Data File: >04308::G1
Name: INDBM01A
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

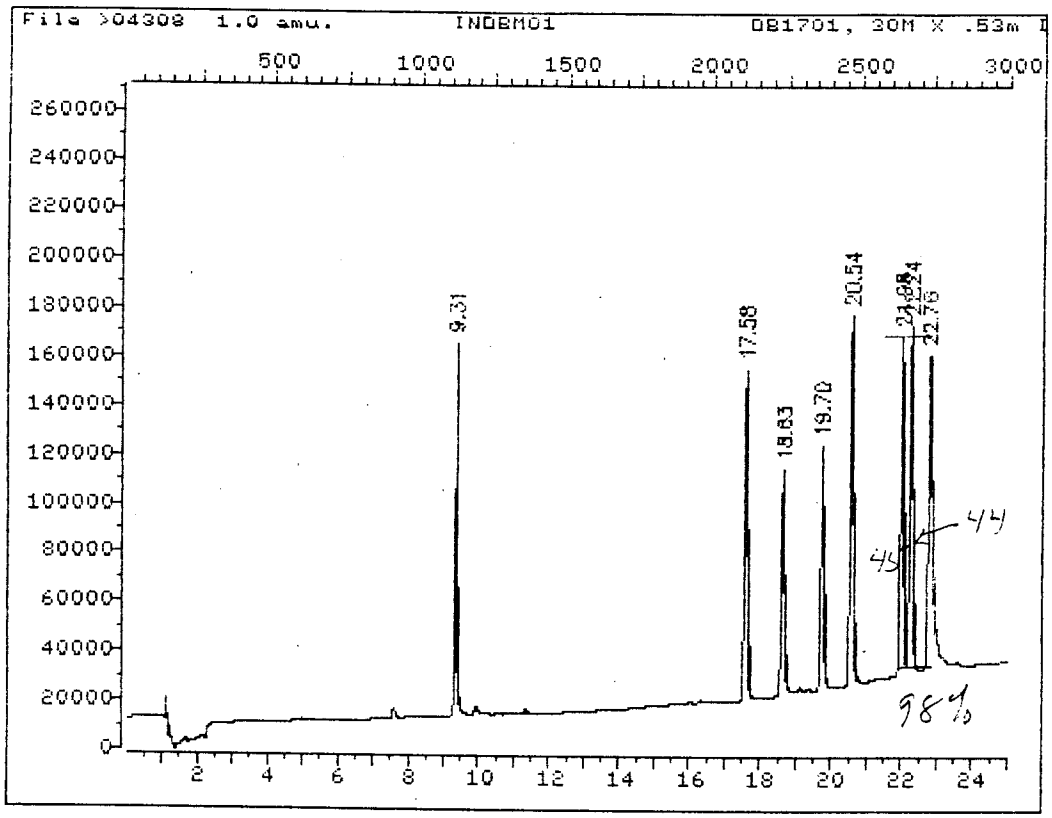
Quant Rev: 7
Quant Time: 960719 14:26
Injected at: 960714 01:39
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.31	1117	828791	20.26	ng/ml	100
3)	#beta-BHC	0.020	18.63	2235	501884	20.00	ng/ml	100
4)	#delta-BHC	0.020	19.70	2364	524544	20.00	ng/ml	100
7)	#Aldrin	0.020	17.58	2109	748904	20.00	ng/ml	100
8)	#Heptachlor epoxide	0.020	20.54	2465	863765	20.00	ng/ml	100
11)	#4,4'-DDE	0.040	22.76	2731	1131253	39.95	ng/ml	100
13)	#Endosulfan II	0.040	26.74	3208	1369407	40.00	ng/ml	100
15)	#Endosulfan Sulfate	0.040	30.59	3670	1097507	40.00	ng/ml	100
18)	#Endrin ketone	0.040	32.93	3951	1268794	40.00	ng/ml	100
19)	#Decachlorobiphenyl	0.040	38.71	4645	1854296	40.43	ng/ml	100
20)	#alpha-Chlordane	0.020	22.24	2669	833262	20.00	ng/ml	100
21)	#gamma-Chlordane	0.020	21.98	2638	801383	20.00	ng/ml	100
30)	#Endrin aldehyde	0.040	28.85	3462	1279675	39.80	ng/ml	100

Compound uses ESTD

EPrice
7/22/96



Data File: >04308::G1 Quant Output File: ^04308::GQ
Name: INDBM01 A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:26
Injected at: 960714 01:39

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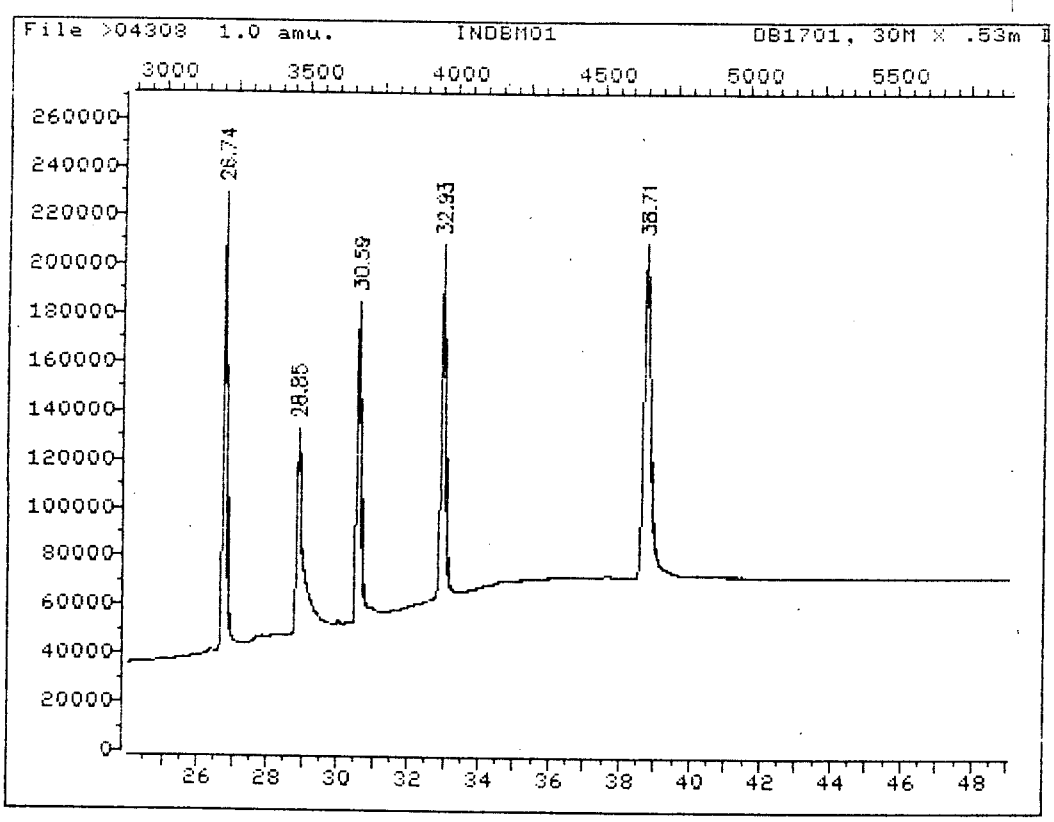

Data File: >04308::G1 Quant Output File: ^04308::GQ
Name: INDBM01A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:26
Injected at: 960714 01:39

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QUANT REPORT

Operator ID: TRFI2
Output File: ^03310::GQ
Data File: >03310::F3
Name: INDBH01 A
Disc: DB608, 30M X .53m INST 58903, 1ul INJ

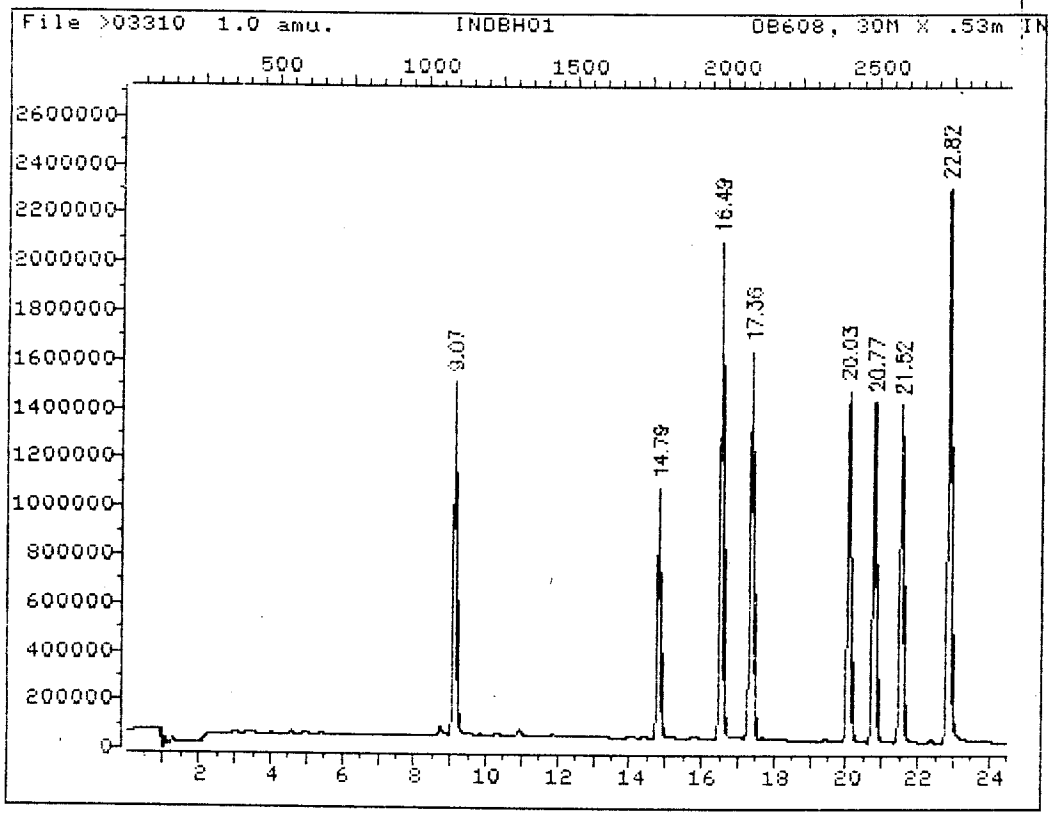
Quant Rev: 7
Quant Time: 960719 14:11
Injected at: 960714 03:28
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.07	1089	8399502	70.21	ng/ml	100
3)	#beta-BHC	0.080	14.79	1775	5929218	72.49	ng/ml	100
4)	#delta-BHC	0.080	16.49	1979	11219696	87.24	ng/ml	100
7)	#Aldrin	0.080	17.36	2083	10473286	78.44	ng/ml	100
8)	#Heptachlor epoxide	0.080	20.03	2403	9327234	74.71	ng/ml	100
11)	#4,4'-DDE	0.160	22.82	2738	15182104	164.42	ng/ml	100
13)	#Endosulfan II	0.160	25.80	3096	14573768	147.28	ng/ml	100
15)	#Endosulfan Sulfate	0.160	28.30	3396	12887676	146.55	ng/ml	100
18)	#Endrin ketone	0.160	32.76	3931	14203294	153.16	ng/ml	100
19)	#Decachlorobiphenyl	0.160	41.65	4998	15001490	129.75	ng/ml	100
20)	#alpha-Chlordane	0.080	21.52	2582	9017222	74.83	ng/ml	100
21)	#gamma-Chlordane	0.080	20.77	2492	9075926	75.06	ng/ml	100
30)	#Endrin aldehyde	0.160	27.60	3312	11605426	143.46	ng/ml	100

Compound uses ESTD

EPrui
7/22/96



Data File: >03310::F3 Quant Output File: ^03310::GQ
Name: INDBH01A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:11
Injected at: 960714 03:28

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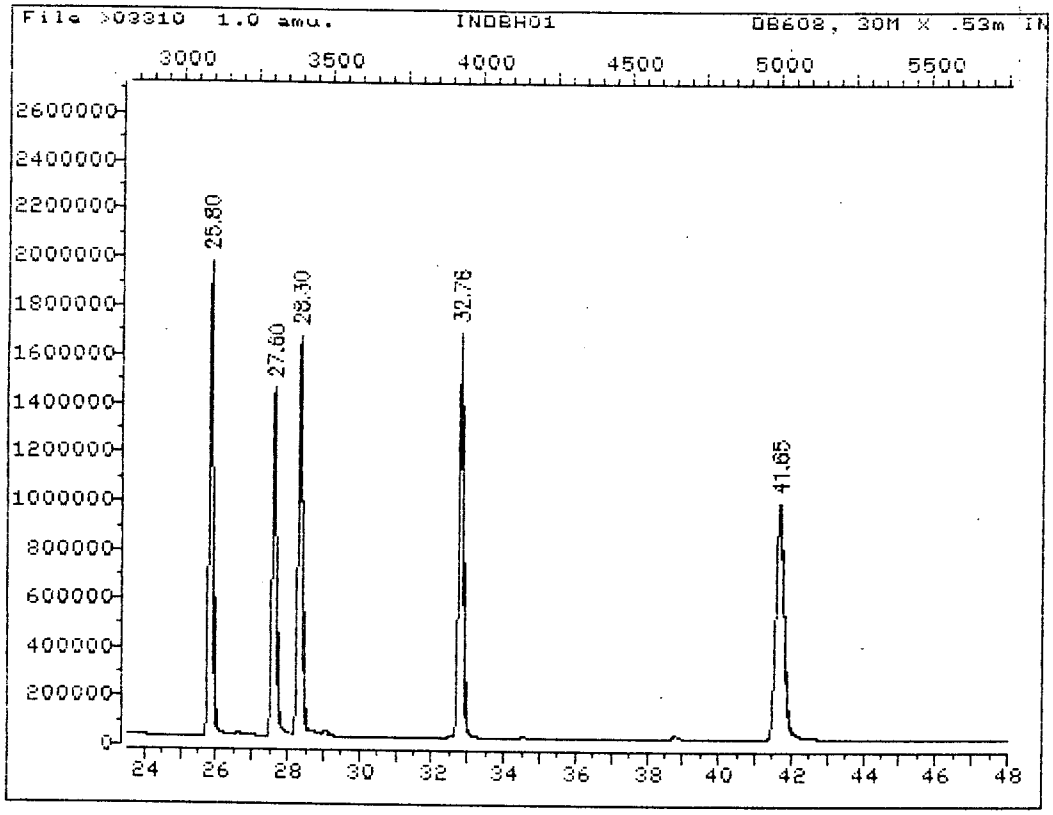

Data File: >03310::F3 Quant Output File: ^03310::GQ
Name: INDBH01A Instrument ID: GC03
Misc: DB608, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP5::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:11
Injected at: 960714 03:28

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QUANT REPORT

Operator ID: TRFI2
Output File: ^04310::GQ
Data File: >04310::G1
Name: INDAH02 A
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

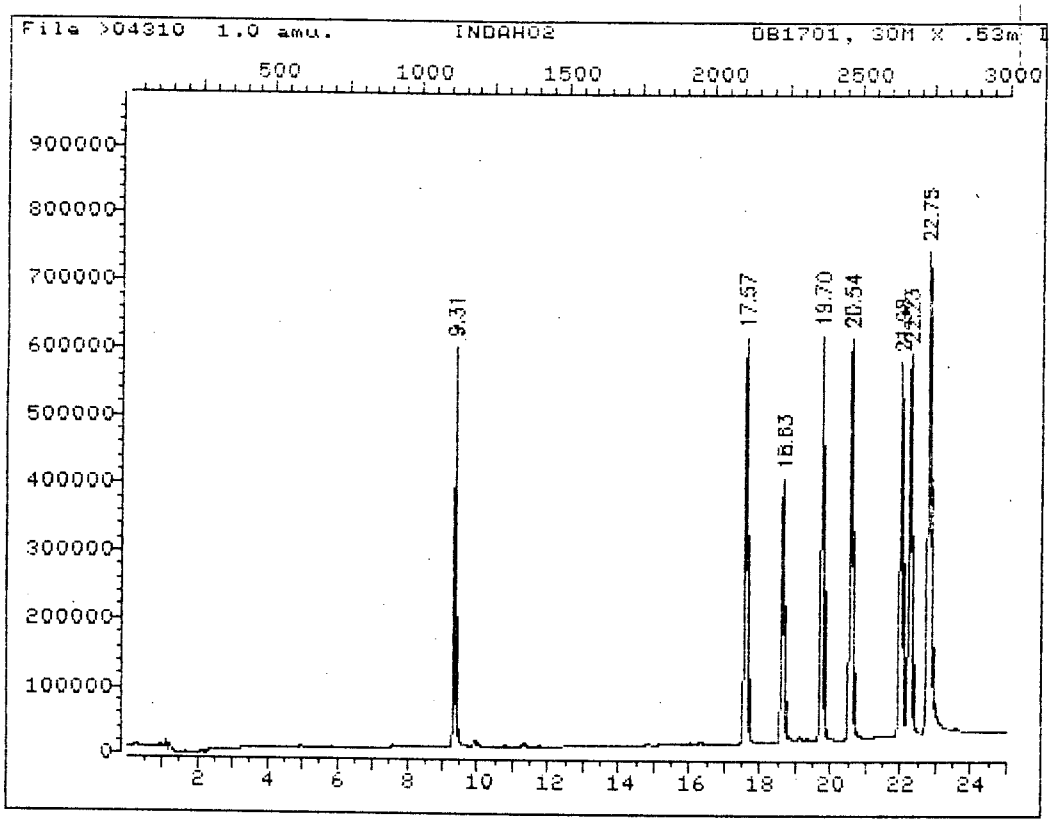
Quant Rev: 7
Quant Time: 960719 14:28
Injected at: 960714 03:28
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960713 22:00

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.080	9.31	1117	3159951	77.23	ng/ml	100
3)	#beta-BHC	0.080	18.63	2235	2093165	83.41	ng/ml	100
4)	#delta-BHC	0.080	19.70	2364	2907993	110.88	ng/ml	100
7)	#Aldrin	0.080	17.57	2108	3259188	87.04	ng/ml	100
8)	#Heptachlor epoxide	0.080	20.54	2465	3381136	78.29	ng/ml	100
11)	#4,4'-DDE	0.160	22.75	2730	5051843	178.40	ng/ml	100
13)	#Endosulfan II	0.160	26.74	3208	5616834	164.07	ng/ml	100
15)	#Endosulfan Sulfate	0.160	30.59	3670	4535045	165.29	ng/ml	100
18)	#Endrin ketone	0.160	32.92	3950	5153581	162.47	ng/ml	100
19)	#Decachlorobiphenyl	0.160	38.69	4643	6334345	138.12	ng/ml	100
20)	#alpha-Chlordane	0.080	22.23	2668	3260902	78.27	ng/ml	100
21)	#gamma-Chlordane	0.080	21.98	2638	3157477	78.80	ng/ml	100
30)	#Endrin aldehyde	0.160	28.85	3462	4787241	148.90	ng/ml	100

Compound uses ESTD

EPma
7/22/96



Data File: >04310::G1 Quant Output File: ^04310::GQ
Name: INDAH02A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:28
Injected at: 960714 03:28

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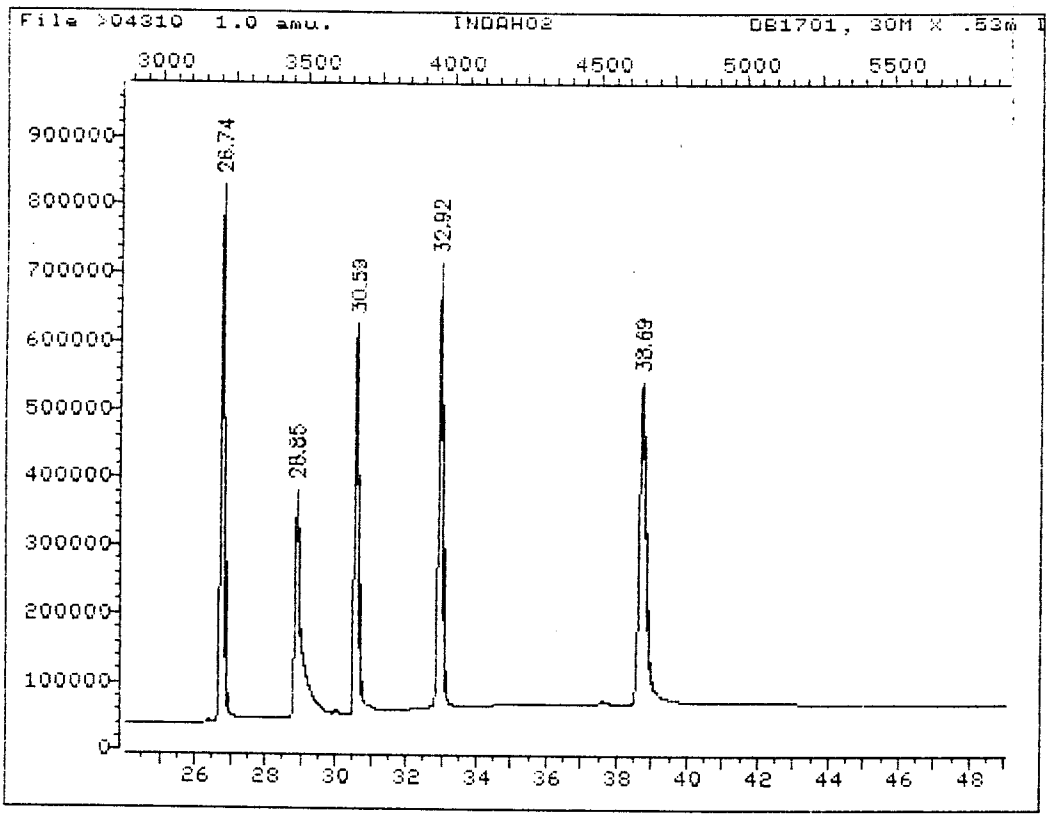

Data File: >04310::G1 Quant Output File: ^04310::GQ
Name: INDAH02 A Instrument ID: GC04
Misc: DB1701, 30M X .53m INST 58903, 1ul INJ

Id File: IDCAP6::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960713 22:00

Operator ID: TRFI2
Quant Time : 960719 14:28
Injected at: 960714 03:28

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QUANT REPORT

Operator ID: TRFIL
Output File: ^03089::F3
Data File: >03089::G3
Name: AR1660-01
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960702 21:18
Injected at: 960701 15:43
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960702 01:09

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2412180	19.28	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.68	5002	2532246	21.23	ng/ml	100
23)	#Aroclor-1016(1)	0.100	12.30	1476	293975	100.00	ng/ml	100
29)	#Aroclor-1260(1)	0.100	24.41	2929	775205	100.88	ng/ml	100
34)	#Aroclor-1016(2)	0.100	14.31	1717	653698	100.00	ng/ml	100
35)	#Aroclor-1016(3)	0.100	16.03	1924	1104573	100.00	ng/ml	100
36)	#Aroclor-1016(4)	0.100	16.78	2014	373455	100.00	ng/ml	100
37)	#Aroclor-1016(5)	0.100	19.02	2282	339766	100.34	ng/ml	100
55)	#Aroclor-1260(2)	0.100	24.87	2984	700438	100.00	ng/ml	100
56)	#Aroclor-1260(3)	0.100	26.59	3190	522025	100.00	ng/ml	100
57)	#Aroclor-1260(4)	0.100	30.18	3621	1080466	100.00	ng/ml	100
58)	#Aroclor-1260(5)	0.100	32.94	3953	552100	100.39	ng/ml	100

Compound uses ESTD

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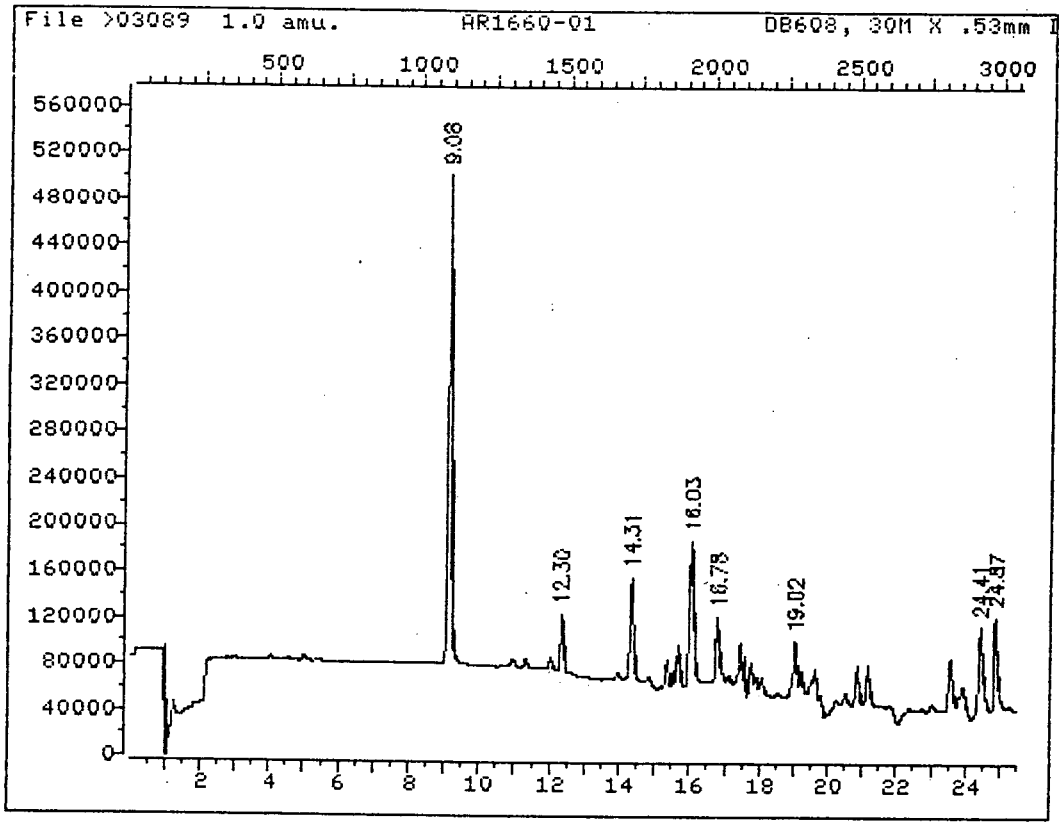

Data File: >03089::G3 Quant Output File: ^03089::F3
Name: AR1660-01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 01:09

Operator ID: TRFIL
Quant Time : 960702 21:18
Injected at: 960701 15:43

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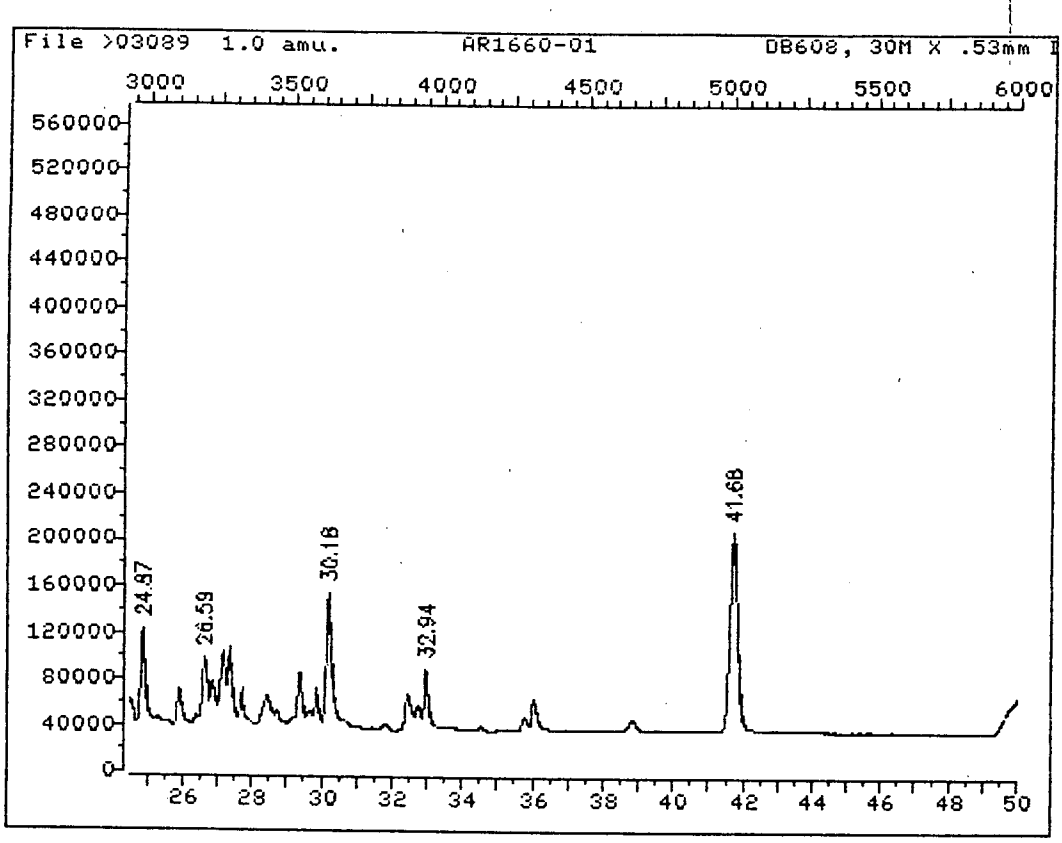

Data File: >03089::G3 Quant Output File: ^03089::F3
Name: AR1660-01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 01:09

Operator ID: TRFIL
Quant Time : 960702 21:18
Injected at: 960701 15:43

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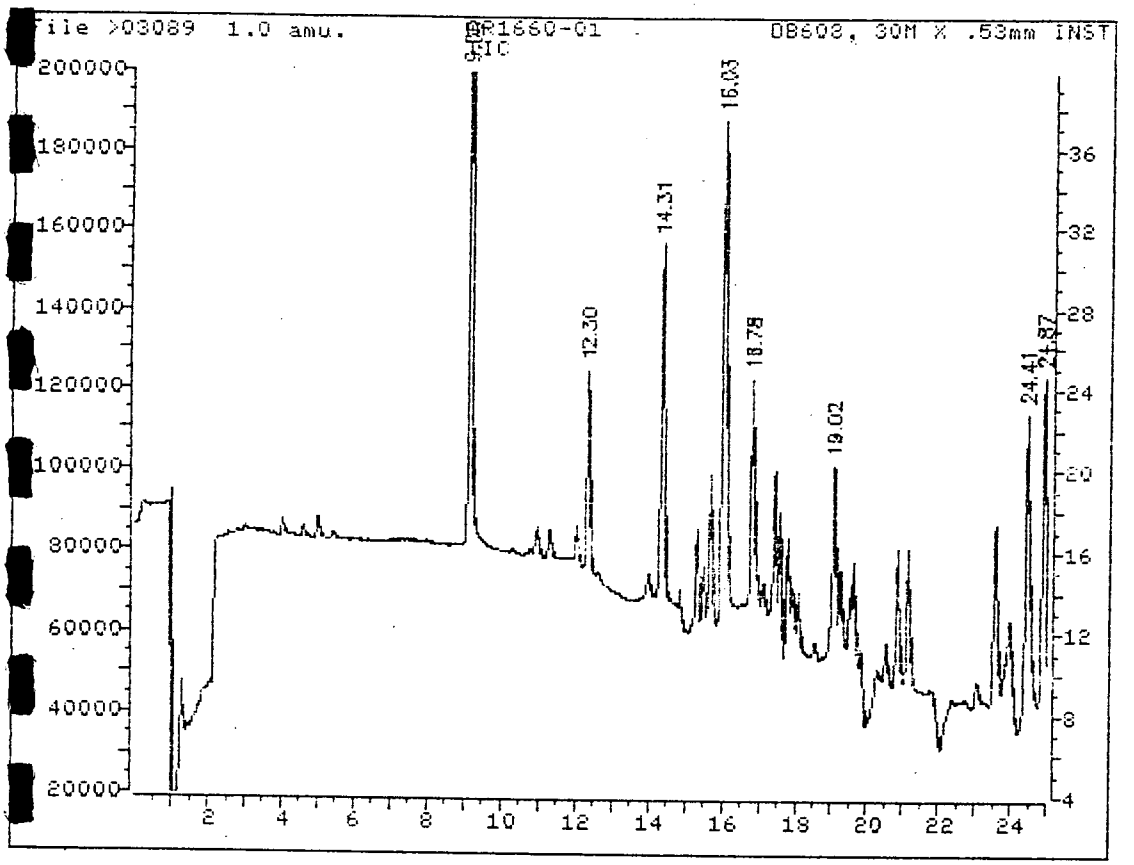
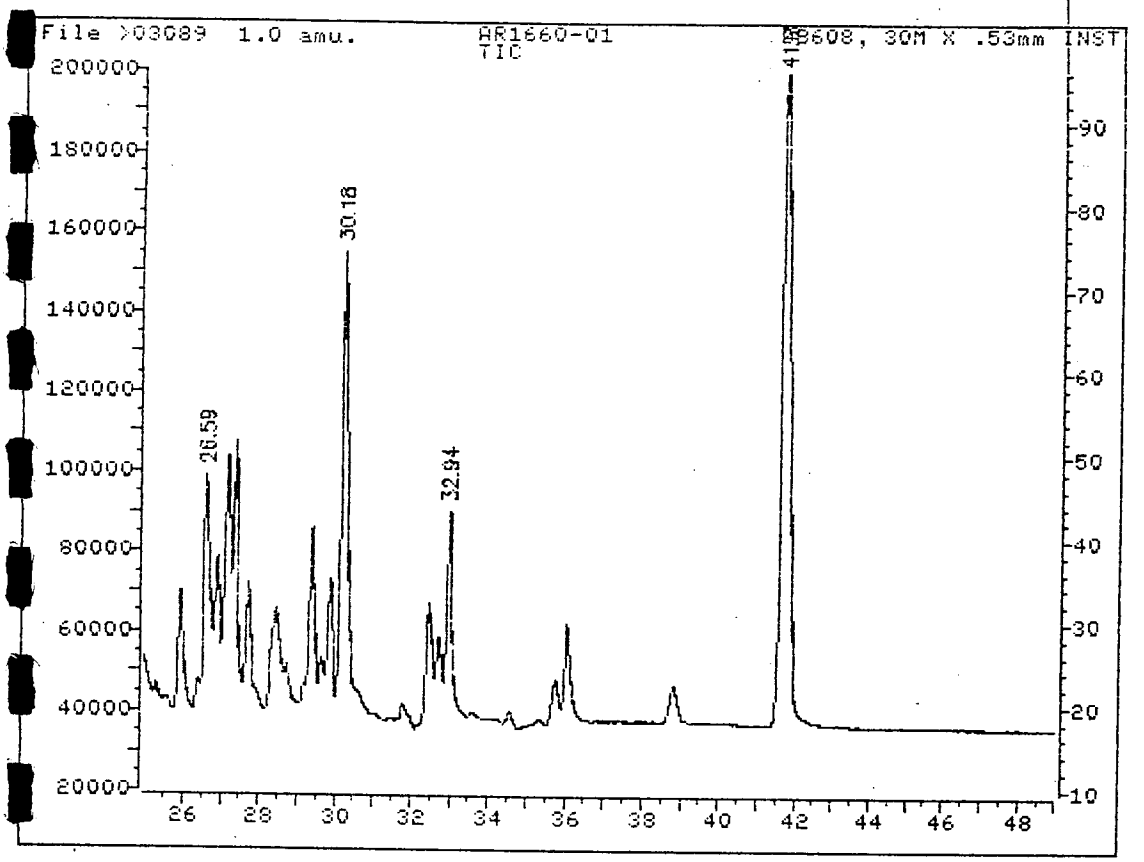


MS data file header from : >03089::G3

Sample: AR1660-01 Operator: TRFIL 7/01/96 15:43
Misc : DB608, 30M X .53mm INST 58903, 1ul INJ
Svs. #: 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 : >03089::G3

Sample: AR1660-01 Operator: TRFIL 7/01/96 15:43
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: TRFIL
Output File: ^04089::F3
Data File: >04089::G5
Name: AR166001
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960705 17:13
Injected at: 960701 15:43
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	811919	19.60	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.72	4646	955931	20.47	ng/ml	100
23)	#Aroclor-1016(1)	0.100	12.08	1450	123501	100.00	ng/ml	100
29)	#Aroclor-1260(1)	0.100	23.78	2854	231033	100.00	ng/ml	100
34)	#Aroclor-1016(2)	0.100	13.85	1662	244473	100.00	ng/ml	100
35)	#Aroclor-1016(3)	0.100	15.98	1918	387913	100.00	ng/ml	100
36)	#Aroclor-1016(4)	0.100	16.55	1986	145632	100.00	ng/ml	100
37)	#Aroclor-1016(5)	0.100	18.57	2228	206068	100.00	ng/ml	100
55)	#Aroclor-1260(2)	0.100	24.92	2990	271511	100.00	ng/ml	100
56)	#Aroclor-1260(3)	0.100	28.45	3414	177484	100.00	ng/ml	100
57)	#Aroclor-1260(4)	0.100	30.07	3608	393158	100.00	ng/ml	100
58)	#Aroclor-1260(5)	0.100	32.05	3846	248345	100.00	ng/ml	100

Compound uses ESTD

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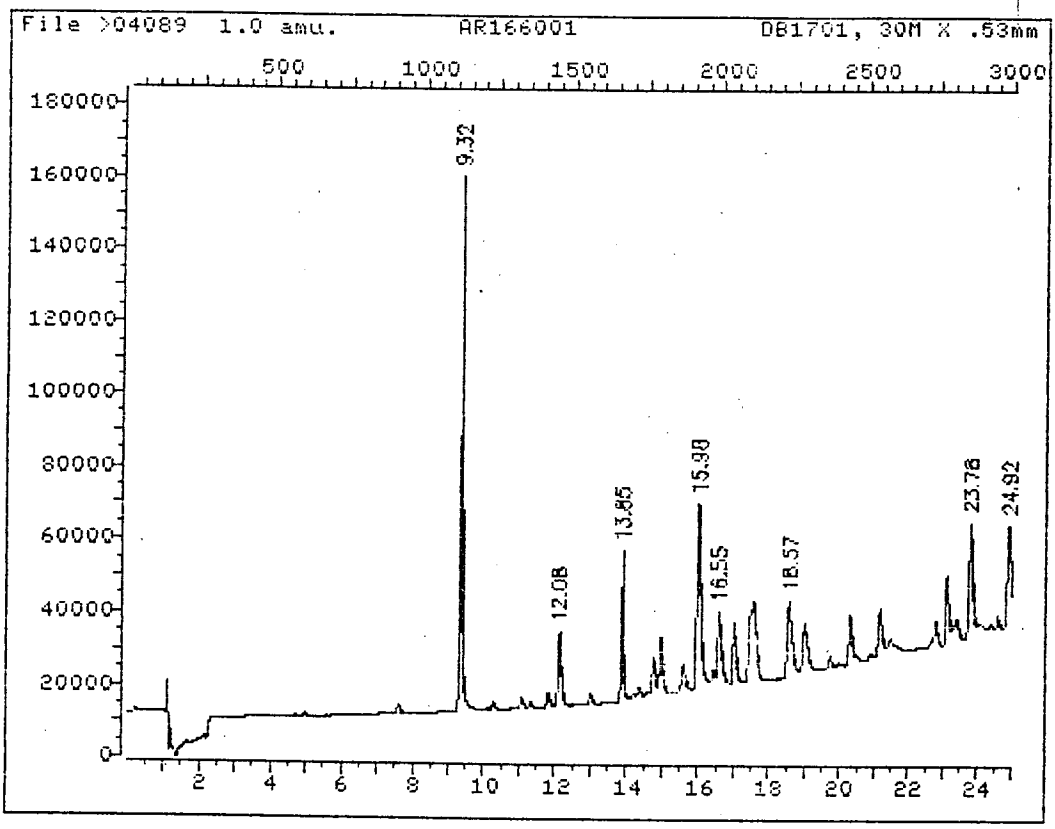
7/10/96



Data File: >04089::G5 Quant Output File: ^04089::F3
Name: AR166001 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941027 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960705 17:13
Injected at: 960701 15:43

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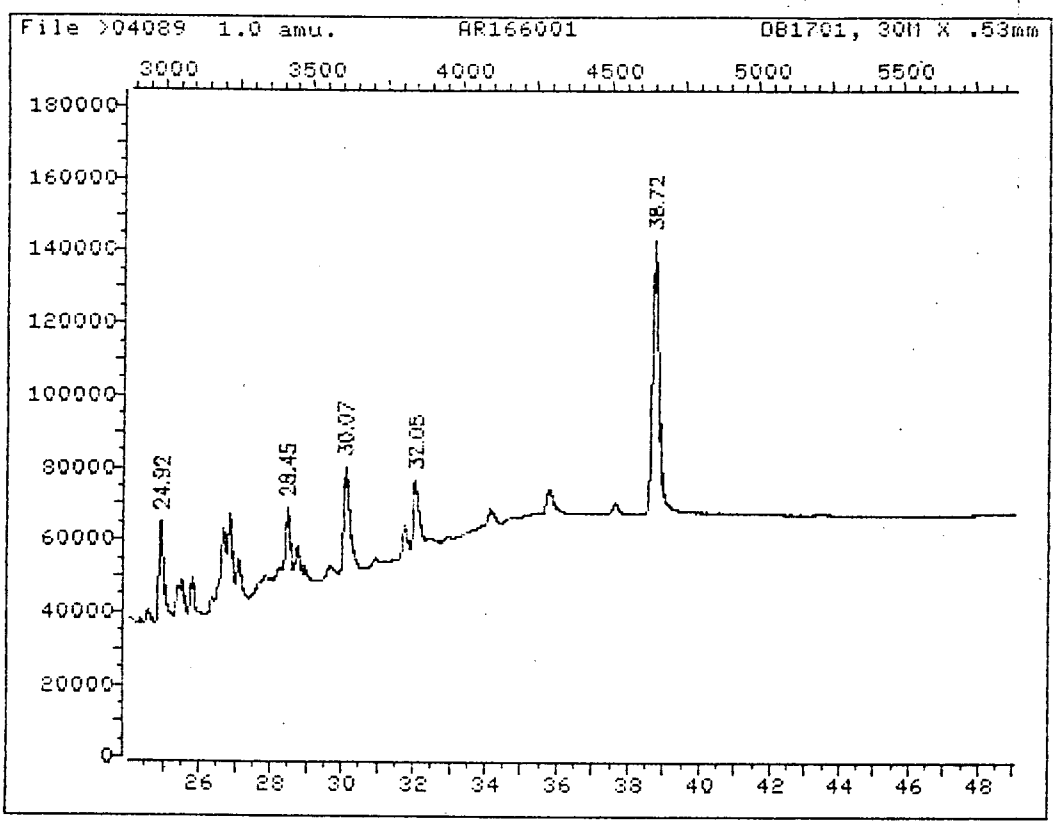

Data File: >04089::G5 Quant Output File: ^04089::F3
Name: AR166001 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960705 17:13
Injected at: 960701 15:43

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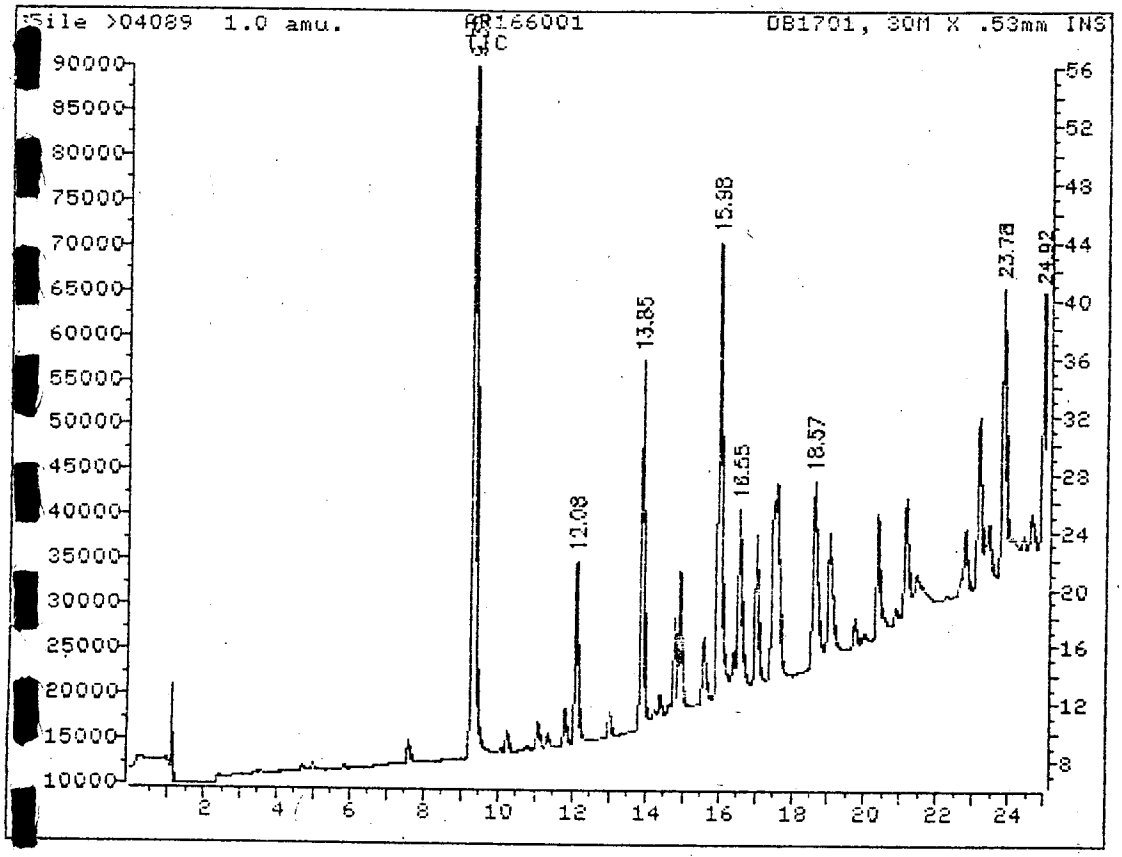
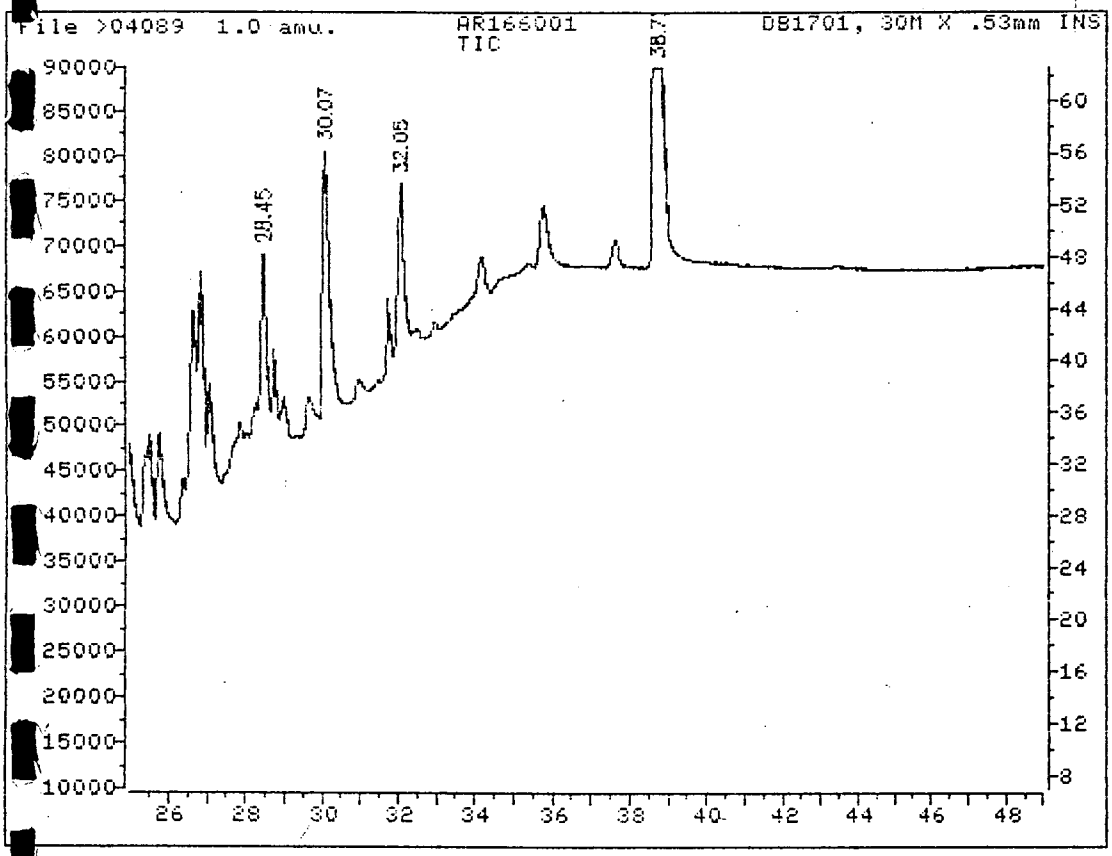


MS data file header from : >04089::G5

Sample: AR166001 Operator: TRFIL 7/01/96 15:43
Disc : 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 : >04089::G5

Sample: AR166001 Operator: TRFIL 7/01/96 15:43
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: TRFIL
Output File: ^03090::F3
Data File: >03090::G3
Name: AR1221-01
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960705 14:44
Injected at: 960701 16:40
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960702 00:13

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2341440	18.71	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.68	5002	2455494	20.51	ng/ml	100
24)	#Aroclor-1221(1)	0.200	7.91	949	167080	197.02	ng/ml	100
38)	#Aroclor-1221(2)	0.200	11.27	1352	336060	200.00	ng/ml	100
39)	#Aroclor-1221(3)	0.200	12.30	1476	763228	200.00	ng/ml	100

Compound uses ESTD

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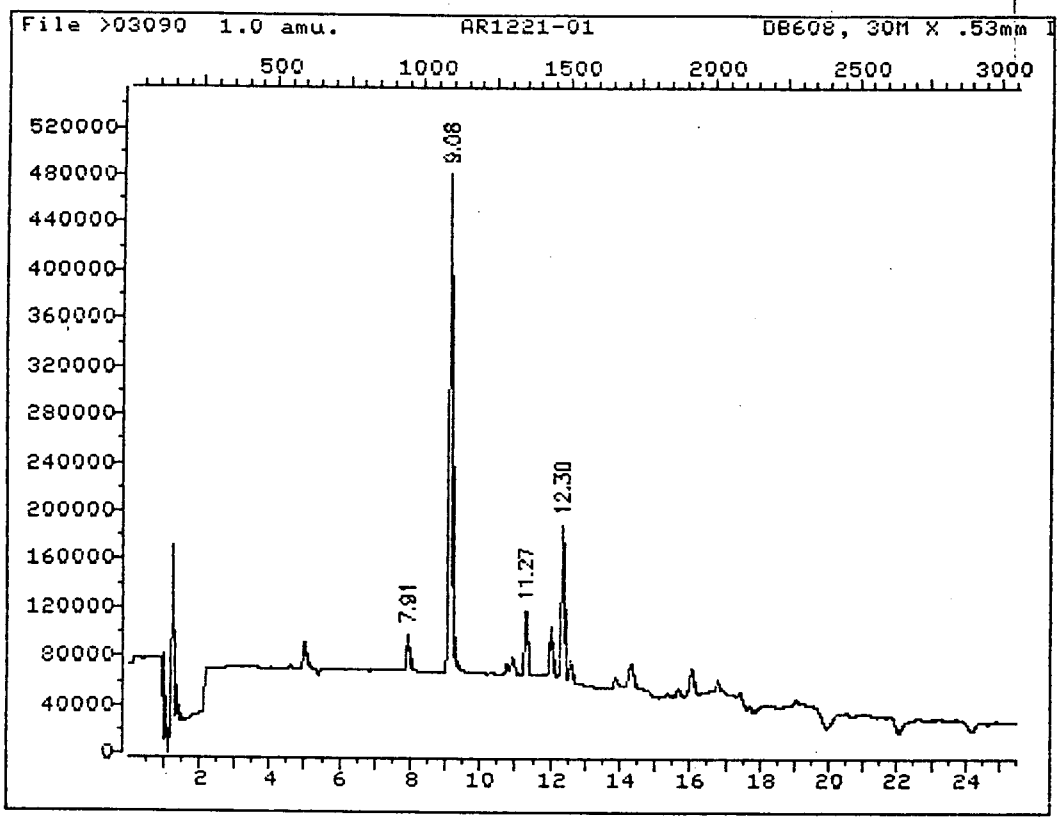
7/9/96



Data File: >03090::G3 Quant Output File: ^03090::F3
Name: AR1221-01 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: 960702 00:13

Operator ID: TRFIL
Quant Time : 960705 14:44
Injected at: 960701 16:40

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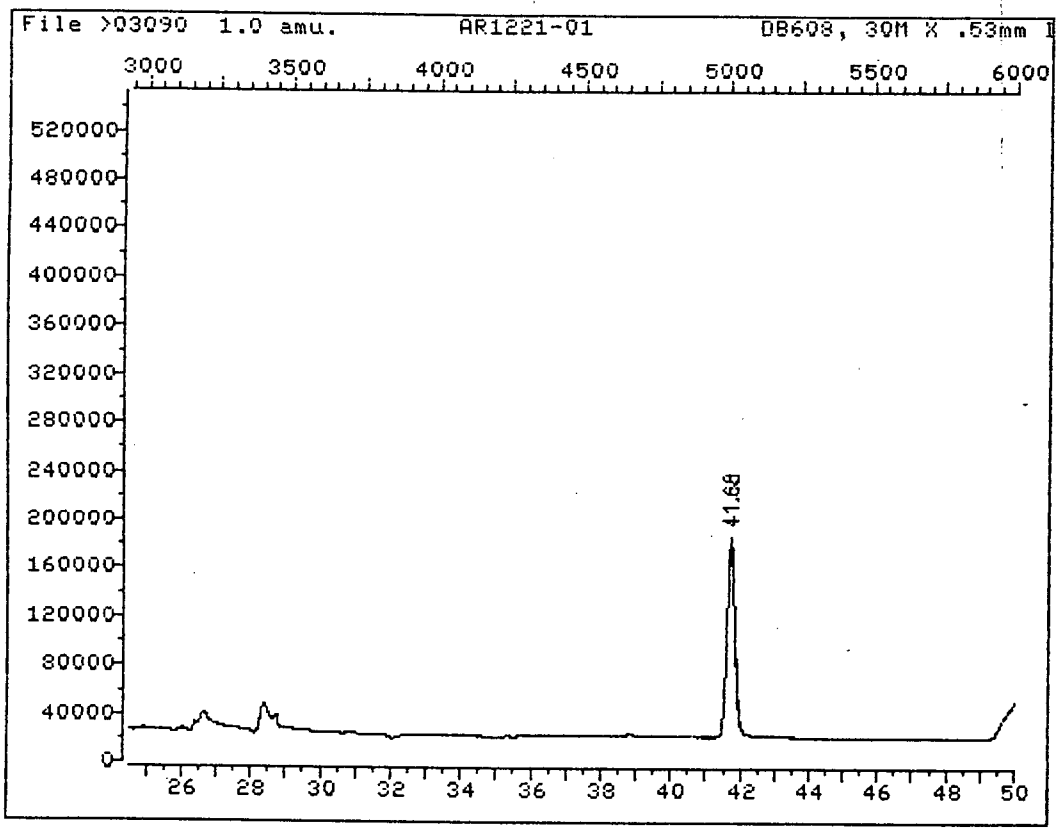

Data File: >03090::G3 Quant Output File: ^03090::F3
Name: AR1221-01 Instrument ID: GC03
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07 Last Qcal Time: 960702 00:13

Operator ID: TRFIL
Quant Time : 960705 14:44
Injected at: 960701 16:40

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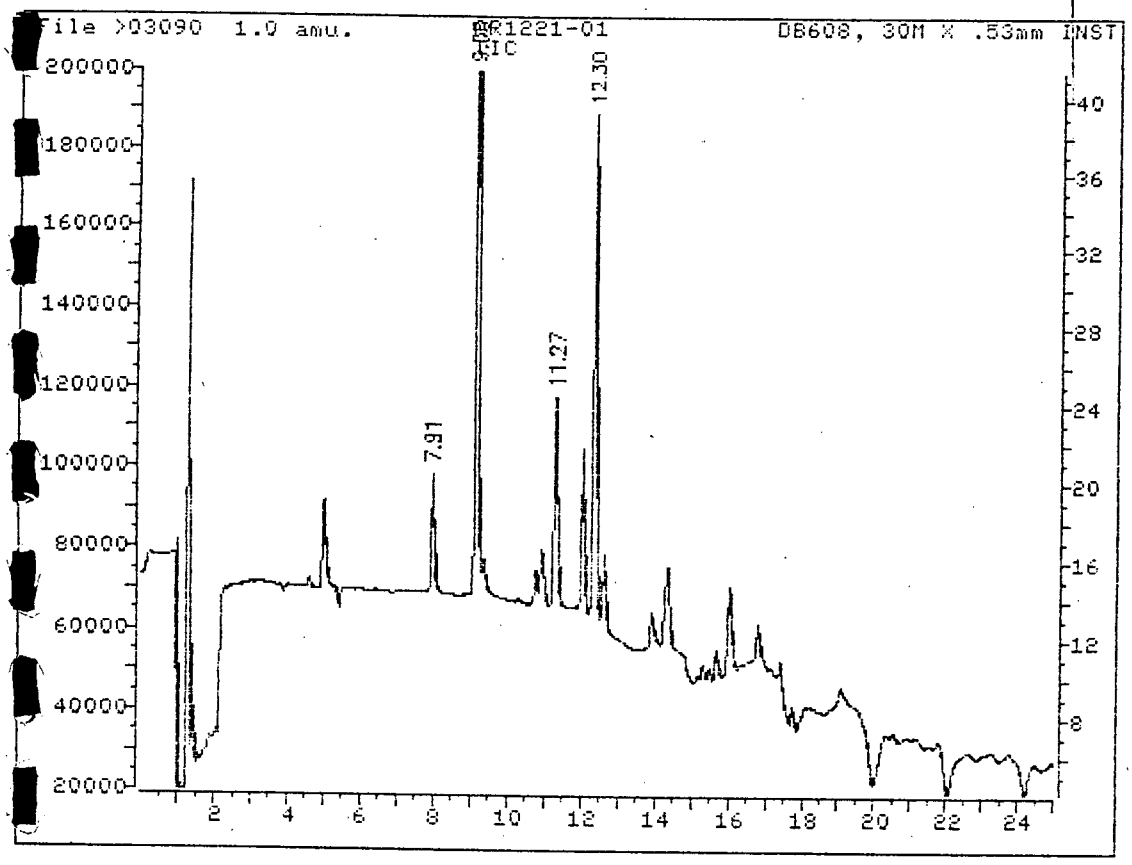
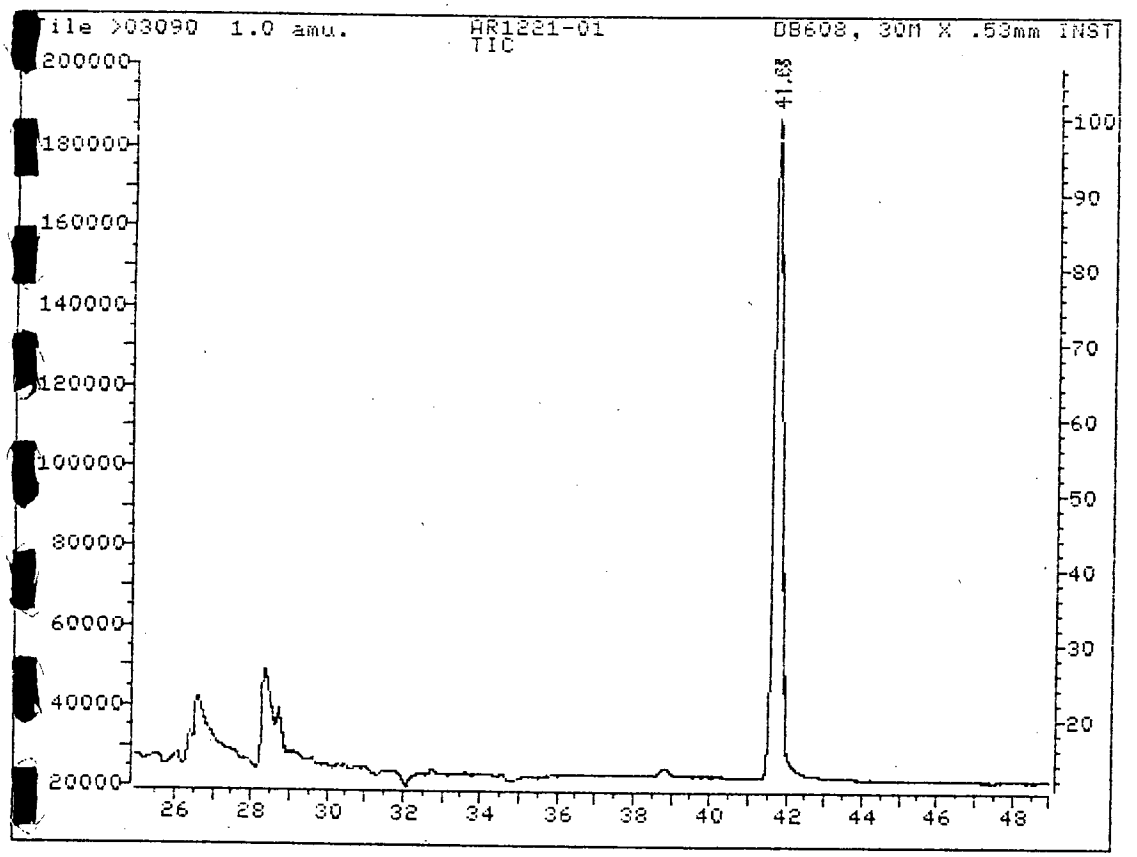


MS data file header from : >03090::G3

Sample: AR1221-01 Operator: TRFIL 7/01/96 16:40
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 : >03090::G3

Sample: AR1221-01 Operator: TRFIL 7/01/96 16:40
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: TRFIL
Output File: ^04090::F3
Data File: >04090::G5
Name: AR122101
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960702 21:53
Injected at: 960701 16:40
Dilution Factor: 1.00000
Instrument ID: GC04

ID File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07
Last Qcal Time: 960701 21:23

	Compound	ng injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.32	1118	769356	18.58	ng/ml	100
19)	#Decachlorobiphenyl	0.020	38.71	4645	928554	19.88	ng/ml	100
24)	#Aroclor-1221(1)	0.200	7.58	910	158166	200.00	ng/ml	100
38)	#Aroclor-1221(2)	0.200	11.07	1329	131182	200.00	ng/ml	100
39)	#Aroclor-1221(3)	0.200	12.08	1450	343047	200.00	ng/ml	100

Compound uses ESTD

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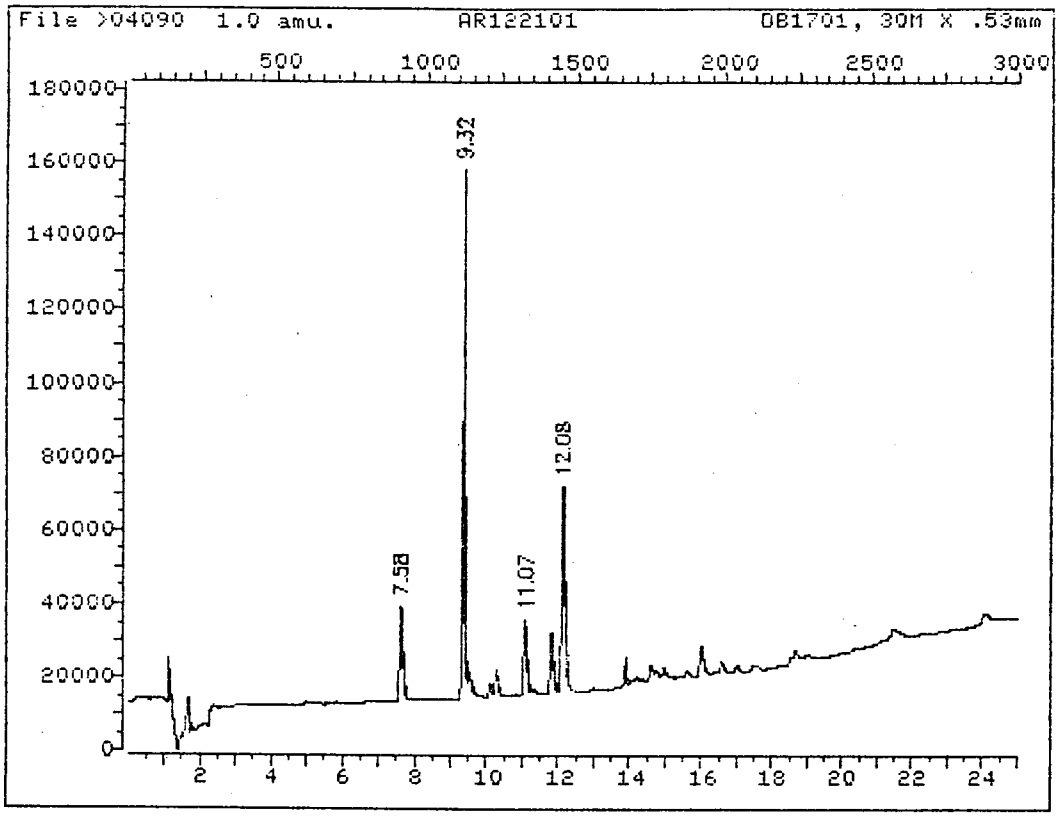
7/10/96



Data File: >04090::G5 Quant Output File: ^04090::F3
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: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 21:53
Injected at: 960701 16:40

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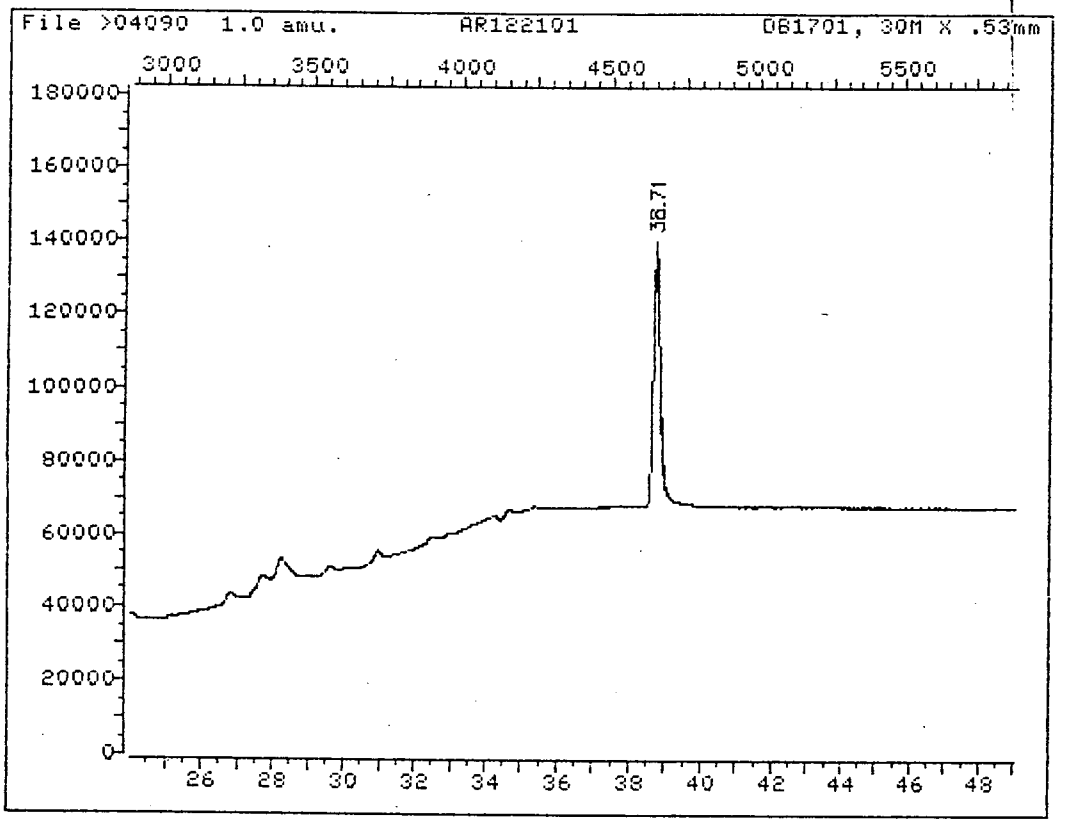
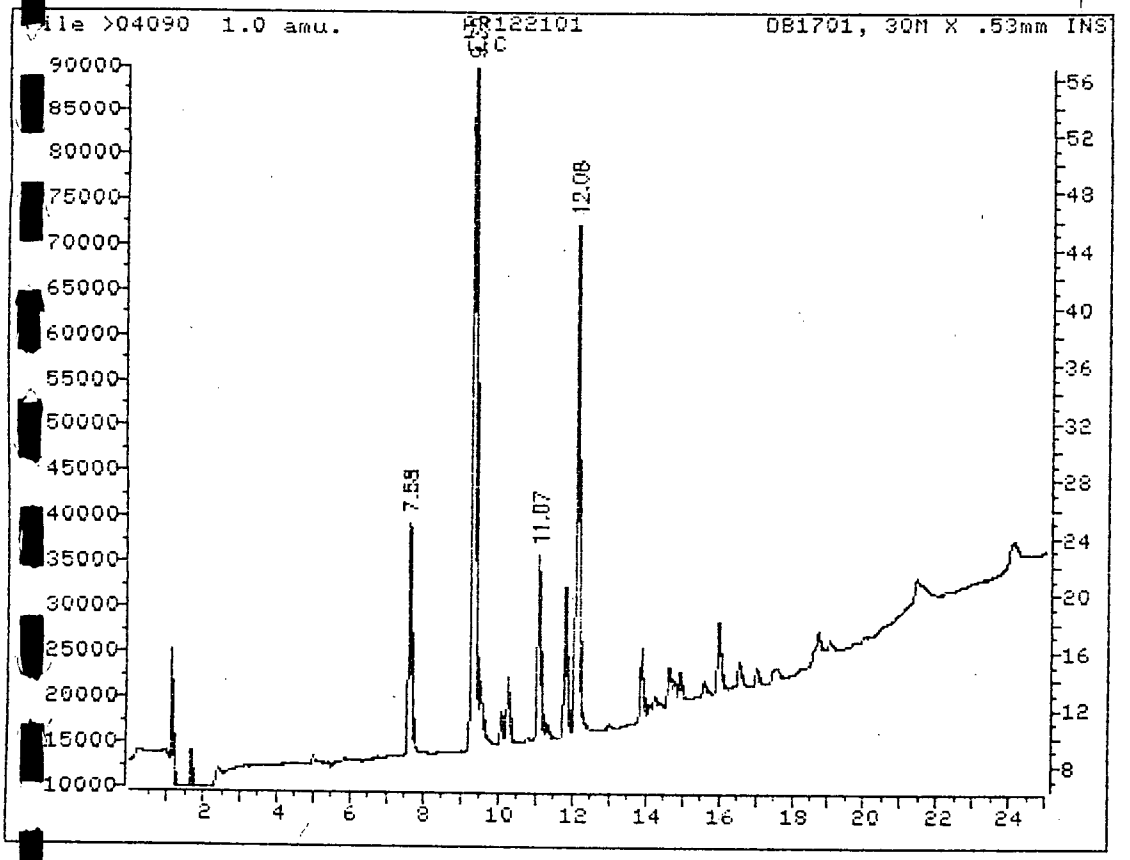


Data File: >04090::G5 Quant Output File: ^04090::F3
Name: AR122101 Instrument ID: GC04
Misc: DB1701, 30M X .53mm INST 58903, 1ul INJ

Id File: IDCAP2::SC
Title: Capillary Column DB1701
Last Calibration: 941029 10:07 Last Qcal Time: 960701 21:23

Operator ID: TRFIL
Quant Time : 960702 21:53
Injected at: 960701 16:40

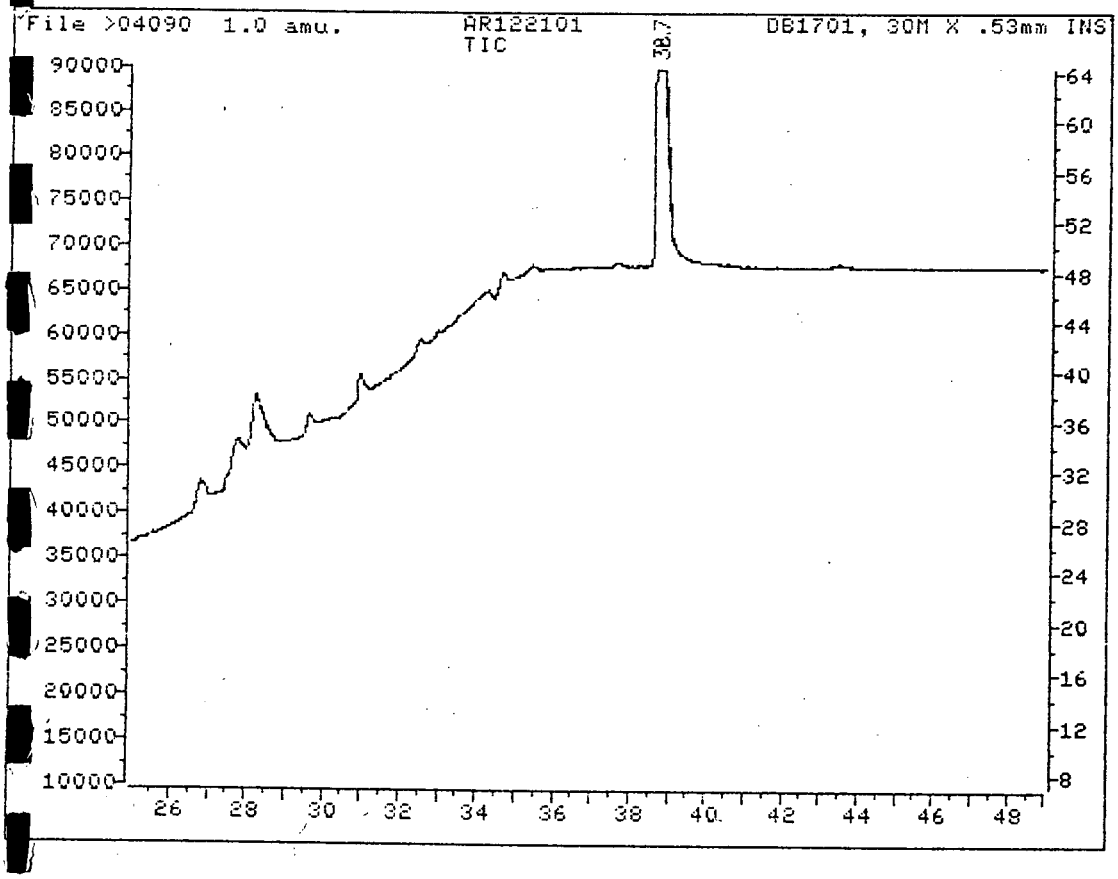
Page 2 of 2



G5 data file header from : >04090::G5

Sample: AR122101 Operator: TRFIL 7/01/96 16:40
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 : >04090::G5

Sample: AR122101 Operator: TRFIL 7/01/96 16:40
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: TRFIL
Output File: ^03091::F3
Data File: >03091::G3
Name: AR1232-01
Misc: DB608, 30M X .53mm INST 58903, 1ul INJ

Quant Rev: 7
Quant Time: 960704 15:14
Injected at: 960701 17:37
Dilution Factor: 1.00000
Instrument ID: GC03

ID File: IDCAP1::SC
Title: Capillary Column DB 608
Last Calibration: 941029 10:07
Last Qcal Time: 960701 19:30

	Compound	ng Injected	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	0.020	9.08	1090	2418003	19.32	ng/ml	100
19)	#Decachlorobiphenyl	0.020	41.68	5001	2500223	20.96	ng/ml	100
25)	#Aroclor-1232(1)	0.100	12.30	1476	286482	100.00	ng/ml	100
40)	#Aroclor-1232(2)	0.100	14.31	1717	282204	100.00	ng/ml	100
41)	#Aroclor-1232(3)	0.100	16.02	1923	470463	100.00	ng/ml	100
42)	#Aroclor-1232(4)	0.100	16.77	2013	172174	100.00	ng/ml	100

Compound uses ESTD

E Pucci
7/9/96