

ENVIRONMENTAL PROTECTION COMMISSION  
OF HILLSBOROUGH COUNTY  
GAS CHROMATOGRAPHIC ANALYSIS REPORT

LABORATORY IDENTIFICATION Stillwater Lake (005001)  
SAMPLED BY R. Malloy DATE 05-01-90 TIME 9:10  
SAMPLE MATRIX water

ORGANOCHLORINE PESTICIDE SCAN

PARAMETER	MINIMUM DETECTABLE VALUE ug/L	LABORATORY VALUE ug/L
ALDRIN	0.33	ND
a BHC	0.002	ND
b BHC	0.014	ND
d BHC	0.06	ND
g BHC	0.015	ND
CHLORDANE	0.21	ND
p,p'-DDD	0.08	ND
p,p'-DDE	0.7	ND
p,p'-DDT	-	ND
DIELDRIN	0.004	ND
ENDOSULFAN I	0.003	ND
ENDOSULFAN II	0.015	ND
ENDOSULFAN SULFATE	0.152	ND
ENDRIN	0.002	ND
ENDRIN ALDEHYDE	0.014	ND
HEPTACHLOR	0.007	ND
HEPTACHLOR EPOXIDE	0.024	ND

ND = NOT DETECTED

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

LABORATORY SUPERVISOR James J. Olejowski  
ANALYST Bill Barr  
DATE 5-23-90

HRS Certification #E44057

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

\*\*\*\*\* 05-22-1990 16:14:56 Version 5.1 \*\*\*\*\*

\* Sample Name: 005001 Data File: E:lastrun \*

\* Date: 05-22-1990 16:08:58 Method: 60858B 05-15-1990 07:54:52 # 265 \*

\* Interface: 0 Cycle#: 4 Operator DF Channel#: 0 Vial#: N.A. \*

\* Starting Peak Width: 10 Threshold: 1 Area Threshold: 100 \*

\*\*\*\*\*

\* Instrument Type: HP 5890 Column Type: Ultra 2 \*

\* Solvent Description: Helium \*

\* Conditions: 55/160 @25 160/230 @2 \*

\* Detector 0: ECD Detector 1: \*

\* Misc. Information: \*

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Starting Delay: 0.00 Ending retention time: 40.00

Area reject: 3500 One sample per 1.000 sec.

Amount injected: 1.00 Dilution factor: 1.00

Sample Weight: 1.00000

PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/L	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	9.733		0.0000	0.0000%	14737	749	19.7 1			0.0000E+00
2	10.867		0.0000	0.0000%	75222	1884	39.9 2			0.0000E+00
3	11.950		0.0000	0.0000%	18268	1364	13.4 2			0.0000E+00
4	12.300		0.0000	0.0000%	9834	772	12.7 2			0.0000E+00
5	13.033		0.0000	0.0000%	10726	1129	9.5 1			0.0000E+00
6	13.433		0.0000	0.0000%	87768	2264	38.8 2			0.0000E+00
7	14.333		0.0000	0.0000%	36746	2137	17.2 2			0.0000E+00
8	14.617		0.0000	0.0000%	45280	1890	24.0 2			0.0000E+00
9	15.267	Heptachlor	1.3206	49.3027%	73740	2761	26.7 2	9	0	1.7909E-05
10	15.817		0.0000	0.0000%	132756	3682	36.1 2			0.0000E+00
11	17.167	Aldrin	1.3580	50.6973%	73394	3029	24.2 2	11	0	1.8502E-05
12	18.133		0.0000	0.0000%	20191	578	34.9 2			0.0000E+00
13	18.950		0.0000	0.0000%	32043	2083	15.4 2			0.0000E+00
14	22.983		0.0000	0.0000%	11303	489	23.1 2			0.0000E+00
15	23.600		0.0000	0.0000%	19447	282	68.9 1			0.0000E+00
16	32.450		0.0000	0.0000%	4501	177	25.4 1			0.0000E+00

TOTAL AMOUNT = 2.6786

PEAKS NOT FOUND IN THIS RUN

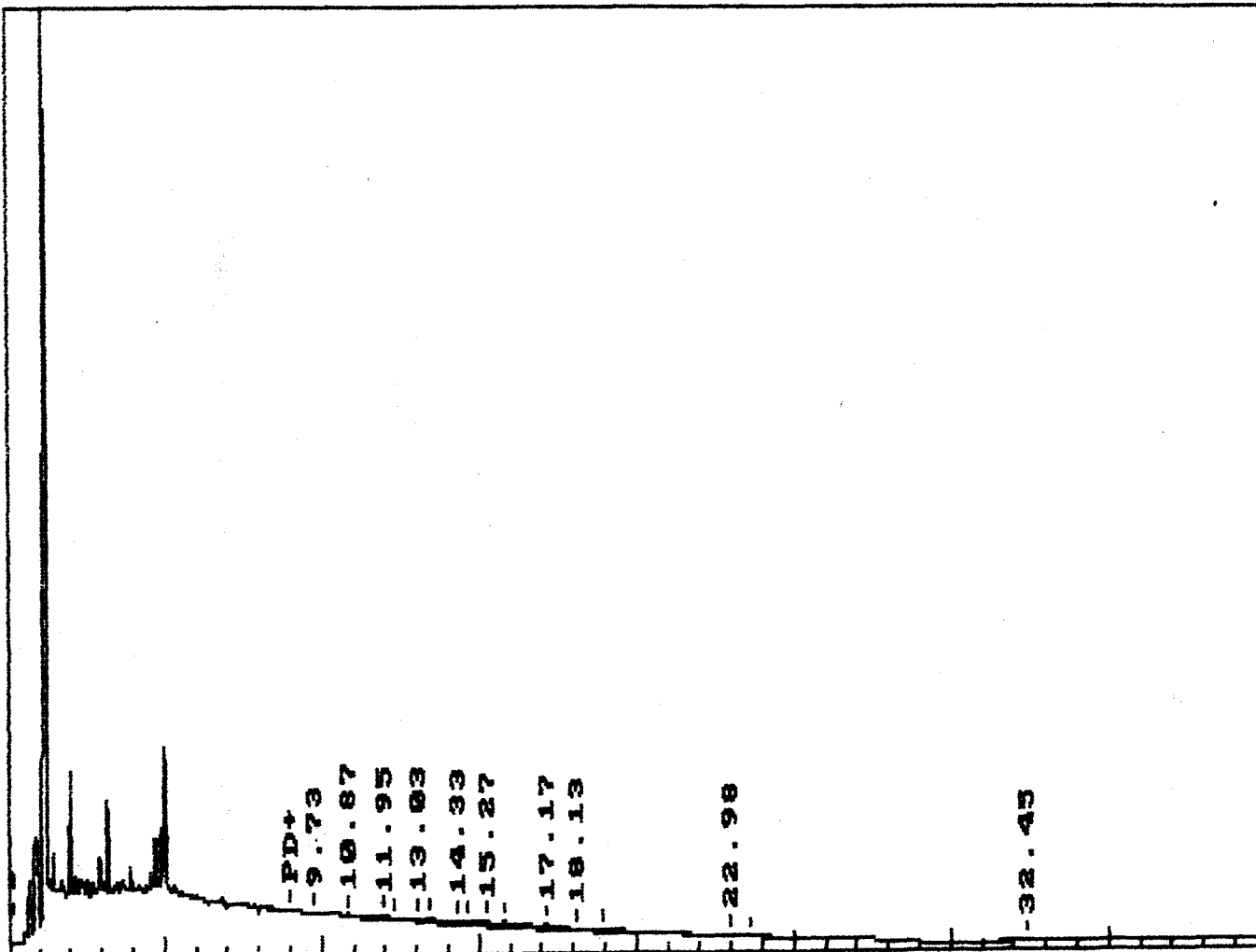
NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
A BHC	10.42	A BHC
B BHC	11.50	B BHC
G BHC	11.75	G BHC
D BHC	12.86	D BHC
Heptachlor epox	19.78	Heptachlor epox
Endosulfan I	22.21	Endosulfan I
Dieldrin	24.10	Dieldrin
DDE	24.50	DDE
Endrin	25.63	Endrin
Endosulfan II	26.40	Endosulfan II
DDD	27.69	DDD
Endrin Aldehyde	27.96	Endrin Aldehyde
ENDOSULFAN SO4	29.84	ENDOSULFAN SO4
DDT	30.60	DDT

GROUP NUMBER GROUP AMOUNT GROUP PERCENT

Data File = E:lastrun.PTS Printed on 05-22-1990 at 16:15:08

Start time: 0.00 min. Stop time: 40.00 min. Offset: -1 mv.

Low Value: 62574 uv High Value: 976129 uv Scale factor: 1.0



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***** EXTERNAL STANDARD TABLE *****
***** 05-22-1990 16:17:13 Version 5.1 *****
* Sample Name: hexane blank Data File: E:lastrun *
* Date: 05-22-1990 16:16:36 Method: 60858B 05-15-1990 07:54:52 # 265 *
* Interface: 0 Cycle#: 5 Operator DF Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 10 Threshold: 1 Area Threshold: 100 *
*****
* Instrument Type: HP 5890 Column Type: Ultra 2 *
* Solvent Description: Helium *
* Conditions: 55/160 @25 160/230 @2 *
* Detector 0: ECD Detector 1: *
* Misc. Information: *
*****
Starting Delay: 0.00 Ending retention time: 40.00
Area reject: 3500 One sample per 1.000 sec.
Amount injected: 1.00 Dilution factor: 1.00
Sample Weight: 1.00000

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PEAK NUM	RET TIME	PEAK NAME	CONCENTRATION in ug/L	NORMALIZED CONC	AREA	HEIGHT	AREA/ HEIGHT BL	REF PEAK	% DELTA RET TIME	CONC/AREA
1	9.633		0.0000	0.0000%	9617	442	21.8 1			0.0000E+00
3	13.400		0.0000	0.0000%	12535	453	27.7 1			0.0000E+00
4	17.183	Aldrin	0.1729	100.0000%	9344	461	20.3 1	4	0	1.8502E-05

TOTAL AMOUNT = 0.1729

PEAKS NOT FOUND IN THIS RUN

NAME	ADJUSTED RET.TIME.	REFERENCE PEAK
A BHC	10.42	A BHC
B BHC	11.50	B BHC
G BHC	11.75	G BHC
D BHC	12.86	D BHC
Heptachlor	15.28	Heptachlor
Heptachlor epox	19.80	Heptachlor epox
Endosulfan I	22.23	Endosulfan I
Dieldrin	24.13	Dieldrin
DDE	24.52	DDE
Endrin	25.65	Endrin
Endosulfan II	26.43	Endosulfan II
DDD	27.71	DDD
Endrin Aldehyde	27.99	Endrin Aldehyde
ENDOSULFAN S04	29.86	ENDOSULFAN S04
DDT	30.63	DDT

GROUP NUMBER      GROUP AMOUNT      GROUP PERCENT

Data File = E:lastrun.PTS Printed on 05-22-1990 at 16:17:21  
 Start time: 0.00 min. Stop time: 40.00 min. Offset: -1 mv.  
 Low Value: 66521 uv High Value: 716693 uv Scale factor: 1.0

