

PESTICIDE/PCB DATA



RECRA
ENVIRONMENTAL
INC.

QC SUMMARY



RECRA
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SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: RECRA ENVIRON Contract: C002412Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
	=====	=====	=====	=====	=====	=====	=====	=====
01	PBLK75	72	73	72	80			0
02	SP1B	78	83	95	99			0
03	SP1SSW	68	71	70	76			0

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene

(60-150)

DCB = Decachlorobiphenyl

(60-150)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

4C
PESTICIDE METHOD BLANK SUMMARY

10418
EPA SAMPLE NO.

PBLK75

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECN Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Lab Sample ID: AG001123 Lab File ID: _____
 Matrix: (soil/water) SOIL Extraction: (SepF/Cont/Sonc) SONC
 Sulfur Cleanup: (Y/N) N Date Extracted: 08/19/93
 Date Analyzed (1): 09/01/93 Date Analyzed (2): 09/01/93
 Time Analyzed (1): 1213 Time Analyzed (2): 1213
 Instrument ID (1): 5890A9 Instrument ID (2): 5890B9
 GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (mm)

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

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
01	SP1B	AS042456	09/01/93	09/01/93
02	SP1SSW	AS042455	09/01/93	09/01/93

COMMENTS:

SAMPLE DATA



RECRA
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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

10420
EPA SAMPLE NO.

SP1B

Lab Name: RECRA ENVIRON Contract: C002412

Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393

Matrix: (soil/water) SOIL Lab Sample ID: AS042456

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 6 decanted: (Y/N) N Date Received: 08/17/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/19/93

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/01/93

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.7 Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.5	U
72-55-9	4,4'-DDE	3.5	U
72-20-8	Endrin	3.5	U
33213-65-9	Endosulfan II	3.5	U
72-54-8	4,4'-DDD	3.5	U
1031-07-8	Endosulfan sulfate	3.5	U
50-29-3	4,4'-DDT	1.8	J
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.5	U
7421-93-4	Endrin aldehyde	3.5	U
5103-71-9	alpha-Chlordane	0.51	JP
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	70	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	35	U

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 Software Version: 3.2 <10J29>
 Sample Name : SP1B Time : 09/01/93 16:10
 Sample Number: SS9265 Study : AS042456
 Operator :

Instrument : 970_-9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 09/01/93 13:44
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33238.raw
 Result File : f:\turbo32\khorvat\9a33238.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

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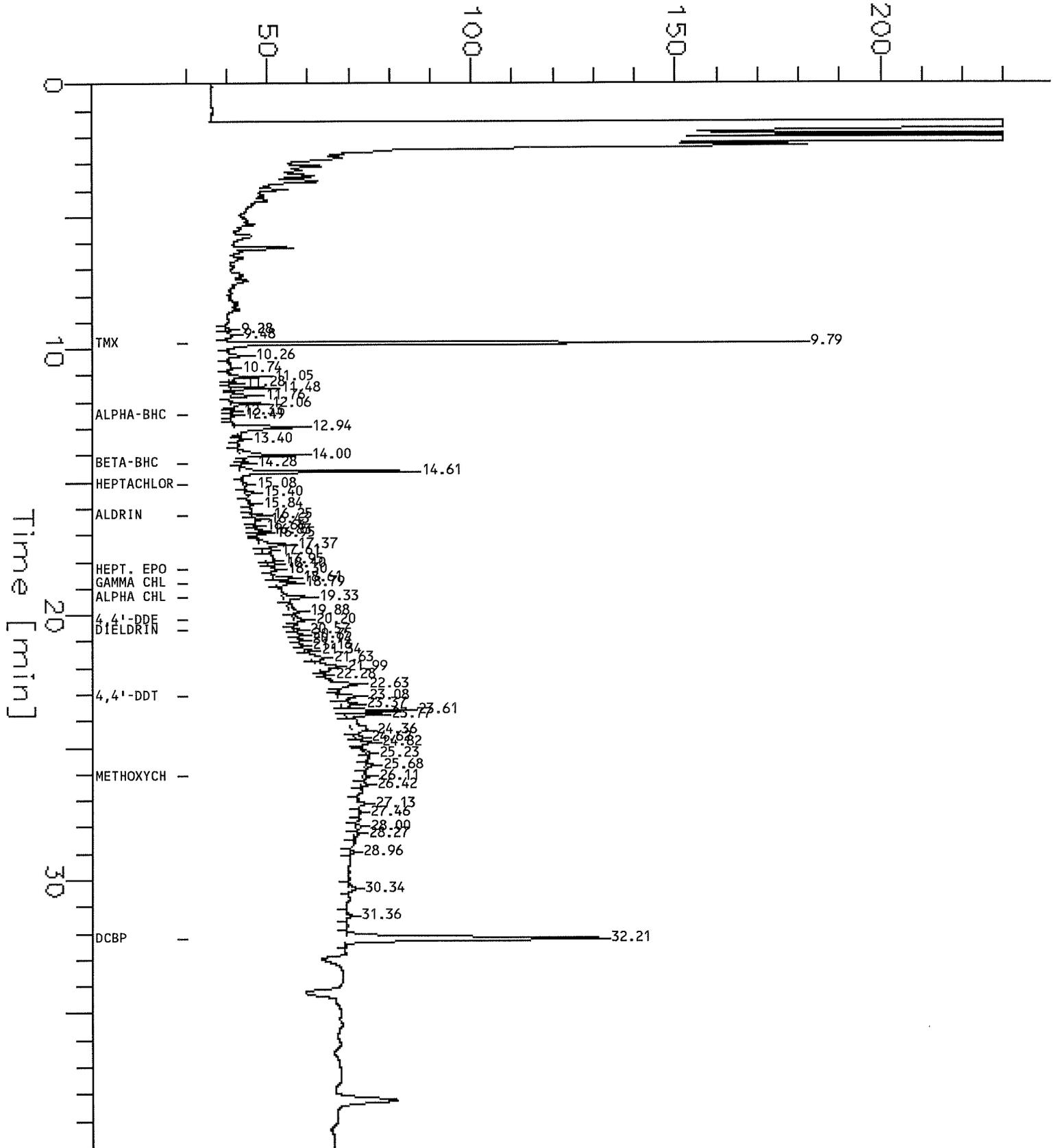
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
2	9.48	18989		2208.24	VV	0.0190
3	9.79	670702	TMX	140708.77	VV	0.0313
4	10.26	30774		4826.91	VV	0.0308
5	10.74	19416		1422.42	VV	0.0194
6	11.05	53881		9225.06	VV	0.0539
7	11.28	10084		1998.19	VB	0.0101
8	11.48	43219		10081.51	BB	0.0432
9	11.76	32352		6280.69	BB	0.0324
10	12.06	37723		7724.93	BB	0.0377
13	12.94	130395		16767.57	BB	0.1304
15	14.00	94594		15025.62	BB	0.0946
17	14.61	228271		42394.71	BB	0.2283
19	15.40	17818		2140.64	BB	0.0178
20	15.84	10152		1421.19	BB	0.0102
21	16.25	17096	Aldrin	3304.49	BV	0.0011
22	16.43	15191		2120.50	VV	0.0152
24	16.83	10655		1954.92	VV	0.0107
25	16.95	11544		2505.06	VB	0.0115
26	17.37	58992		6971.73	BV	0.0590
27	17.61	22294		2281.58	VV	0.0223
28	17.95	36624		2172.72	VV	0.0366
29	18.10	15260		2312.48	VV	0.0153
30	18.30	15137	Hept. epoxide	2128.88	VB	0.0009
31	18.61	39844		5039.32	BV	0.0398
32	18.79	37772	gamma-chlordane	4939.95	VV	0.0021
33	19.33	61516	alpha chlordane	6616.08	VV	0.0034
34	19.88	34209		2557.45	VV	0.0342
35	20.20	24035	4,4'-DDE	2965.76	VB	0.0019
37	20.75	10624		1908.82	VV	0.0106
40	21.34	10064		1979.09	BV	0.0101
41	21.63	42420		3510.52	VV	0.0424
42	21.99	72754		5098.07	VB	0.0728
44	22.63	69206		6825.14	BB	0.0692
45	23.08	49211	4,4'-DDT	5544.15	BV	0.0051 <i>0.0509 check pm</i>
46	23.37	37859		4131.67	VV	0.0379
47	23.61	97135		16074.20	VV	0.0971
48	23.77	64711		9163.56	VV	0.0647
49	24.36	97823		4008.17	VV	0.0978
50	24.62	19407		1859.96	VV	0.0194
51	24.82	30176		3908.33	VB	0.0302
52	25.23	13319		1008.08	BB	0.0133
53	25.68	18633		2091.01	BV	0.0186
54	26.11	14617	Methoxychlor	1673.99	VV	0.0036
55	26.42	13446		1567.29	VB	0.0135
56	27.13	18946		2145.53	BV	0.0190
58	28.00	17076		1500.99	BV	0.0171
59	28.27	14008		1327.77	VB	0.0140
61	30.34	18394		1673.98	BB	0.0184
62	31.36	13485		1402.41	BB	0.0135
63	32.21	638143	DCBP	62679.50	BB	0.0381

AKK2

Sample Name : SP1B
FileName : f:\turbo32\khorvat\9a33238.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

Sample #: SS9265
Date : 09/01/93 16:10
Time of Injection: 09/01/93 13:44
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



Time [min]

TMX

ALPHA-BHC

BETA-BHC

HEPTACHLOR

ALDRIN

HEPT. EPO

GAMMA CHL

ALPHA CHL

4,4'-DDE

DIELDRIN

4,4'-DDT

METHOXYCH

DCBP

- 9.28
- 9.79
- 10.26
- 10.74
- 11.05
- 11.48
- 11.76
- 12.06
- 12.49
- 12.94
- 13.40
- 14.00
- 14.28
- 14.61
- 15.08
- 15.40
- 15.84
- 16.25
- 16.66
- 17.07
- 17.37
- 17.91
- 18.30
- 18.69
- 19.33
- 19.88
- 20.20
- 20.75
- 21.14
- 21.53
- 21.93
- 22.28
- 22.63
- 23.08
- 23.51
- 23.91
- 24.36
- 24.82
- 25.23
- 25.68
- 26.11
- 26.42
- 27.13
- 27.46
- 28.00
- 28.27
- 28.96
- 30.34
- 31.36
- 32.21

Software Version: 3.2 <10J29>
 Sample Name : SP1B Time : 09/01/93 16:10
 Sample Number: SS9265 Study : AS042456
 Operator :

Instrument : 970_-9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 09/01/93 13:44
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33238.raw
 Result File : f:\turbo32\khorvat\9b33238.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

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Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	10.45	44204		6347.26 BB	0.0442
2	10.75	697768	TMX	167628.94 BB	0.0330
3	11.22	22571		5024.48 BB	0.0226
7	11.95	36874		9539.27 BB	0.0369
9	12.42	80810		16166.03 BB	0.0808
10	12.96	35290		8059.59 BB	0.0353
12	13.78	170894		42526.21 BB	0.1709
17	15.45	23889	gamma-BHC	5938.67 BB	0.0015
20	16.11	260350		50698.52 BB	0.2604
24	17.77	32724		6005.90 BB	0.0327
26	18.34	37618		7699.55 BB	0.0376
30	19.21	22895		3256.49 VB	0.0229
32	19.60	82847		18303.42 VV	0.0829
34	20.39	24937	Endosulfan I	4235.68 BV	0.0016
36	20.69	29794	alpha chlordane	7160.35 BB	0.0015
43	22.44	82172		4696.84 VV	0.0822
44	22.58	22785		4180.38 VV	0.0228
48	23.25	27982		5487.44 VB	0.0280
50	23.64	35516		7016.55 VB	0.0355
51	24.08	85750	4,4'-DDT	12700.27 BV	0.0057
52	24.24	98356		21096.96 VB	0.0984
53	24.63	25631		3923.62 BV	0.0256
54	24.77	41440		7048.86 VB	0.0414
59	25.72	55977		8866.79 BB	0.0560
67	31.69	955137	DCBP	113979.88 BB	0.0395
68	32.19	35829		4667.98 BB	0.0358
69	33.34	27369		3326.09 BB	0.0274

3097407 *a/s* 555582.00

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5890-9	DB1701	COLUMN #163	Channel B
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Sample Name : SP1B

FileName : f:\turbo32\khorvat\9b33238.raw

Method : 9-33D.ins

Start Time : 0.00 min

Scale Factor: 0

End Time : 40.00 min

Plot Offset: 0 mV

Sample #: SS9265

Date : 09/01/93 16:10

Time of Injection: 09/01/93 13:44

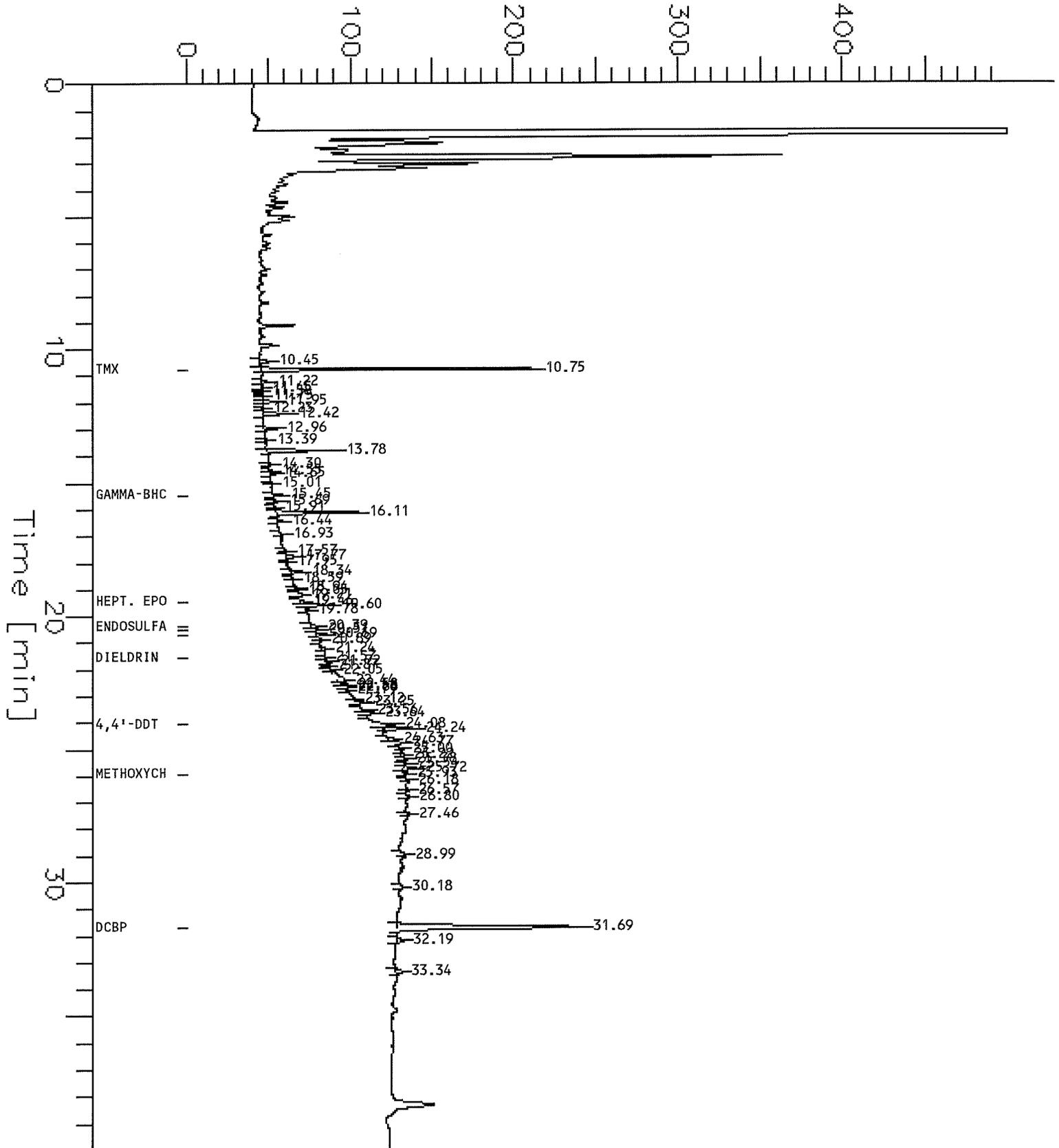
Low Point : 0.00 mV

Plot Scale: 500 mV

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High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

SP1SSW

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) SOIL Lab Sample ID: AS042455
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____
 % Moisture: 2 decanted: (Y/N) N Date Received: 08/17/93
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/19/93
 Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/01/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) Y pH: 5.6 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO. COMPOUND

319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.4	U
72-55-9	4,4'-DDE	3.4	U
72-20-8	Endrin	3.4	U
33213-65-9	Endosulfan II	3.4	U
72-54-8	4,4'-DDD	3.4	U
1031-07-8	Endosulfan sulfate	3.4	U
50-29-3	4,4'-DDT	0.37	JP
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.4	U
7421-93-4	Endrin aldehyde	3.4	U
5103-71-9	alpha-Chlordane	0.39	J
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	34	U
11104-28-2	Aroclor-1221	68	U
11141-16-5	Aroclor-1232	34	U
53469-21-9	Aroclor-1242	34	U
12672-29-6	Aroclor-1248	34	U
11097-69-1	Aroclor-1254	34	U
11096-82-5	Aroclor-1260	34	U

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 Software Version: 3.2 <10J29>
 Sample Name : SP1SSW Time : 09/01/93 16:08
 Sample Number: SS9264 Study : AS042455
 Operator :

Instrument : 970_-9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 09/01/93 12:59
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33237.raw
 Result File : f:\turbo32\khorvat\9a33237.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

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Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.31	10448		1975.46 BV	0.0105
2	9.48	29749		6120.46 VB	0.0298
3	9.80	586331	TMX	115235.87 BV	0.0274
4	10.26	41574		8963.68 VB	0.0416
6	10.91	13593		1969.36 VV	0.0136
7	11.06	50016		7341.91 VV	0.0500
8	11.29	11397		2204.80 VV	0.0114
9	11.48	48091		8557.85 VV	0.0481
10	11.76	77342		8007.83 VV	0.0773
11	12.07	98951		15798.72 VB	0.0990
12	12.99	68796		6832.33 BB	0.0688
13	13.87	11718	gamma-BHC	1156.07 BV	0.0007
14	14.28	11390	beta-BHC	1615.02 VB	0.0011
16	14.68	17687		2189.23 VB	0.0177
19	16.97	16114		955.05 BB	0.0161
20	17.39	23878		2197.94 BB	0.0239
21	17.94	19020		1630.11 BV	0.0190
24	18.79	38605	gamma-chlordane	4068.86 VB	0.0021
25	19.35	21235	alpha chlordan	3296.54 BB	0.0012
28	21.34	12064		2181.27 BB	0.0121
30	22.12	15329	4,4'-DDD	2422.22 BB	0.0017
31	22.66	34525		5290.22 BB	0.0345
32	23.09	11719		2307.84 BV	0.0117
33	23.19	10602	4,4'-DDT	1864.10 VV	0.0011
37	23.96	23311	Endo. sulfate	4646.17 VV	0.0022
38	24.37	34661		2292.54 VV	0.0347
39	24.66	10473		888.04 VV	0.0105
40	24.82	17334		2554.55 VB	0.0173
41	25.25	13743		1695.55 BB	0.0137
42	26.12	10092	Methoxychlor	1141.39 BV	0.0025
43	26.44	16709		1632.80 VV	0.0167
44	26.68	13980		1591.09 VB	0.0140
45	27.14	40034		5648.63 BB	0.0400
46	32.22	474395	DCBP	48086.77 BB	0.0283
47	33.21	23689		769.82 BB	0.0237

 1958599 285130.03

ak

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 5890-9 DB608 COLUMN #152 Channel A
 =====

Sample Name : SP1SSW

FileName : f:\turbo32\khorvat\9a33237.raw

Method : 9-33D.ins

Start Time : 0.00 min

Scale Factor: 0

End Time : 40.00 min

Plot Offset: 30 mV

Sample #: SS9264

Date : 09/01/93 16:09

Time of Injection: 09/01/93 12:59

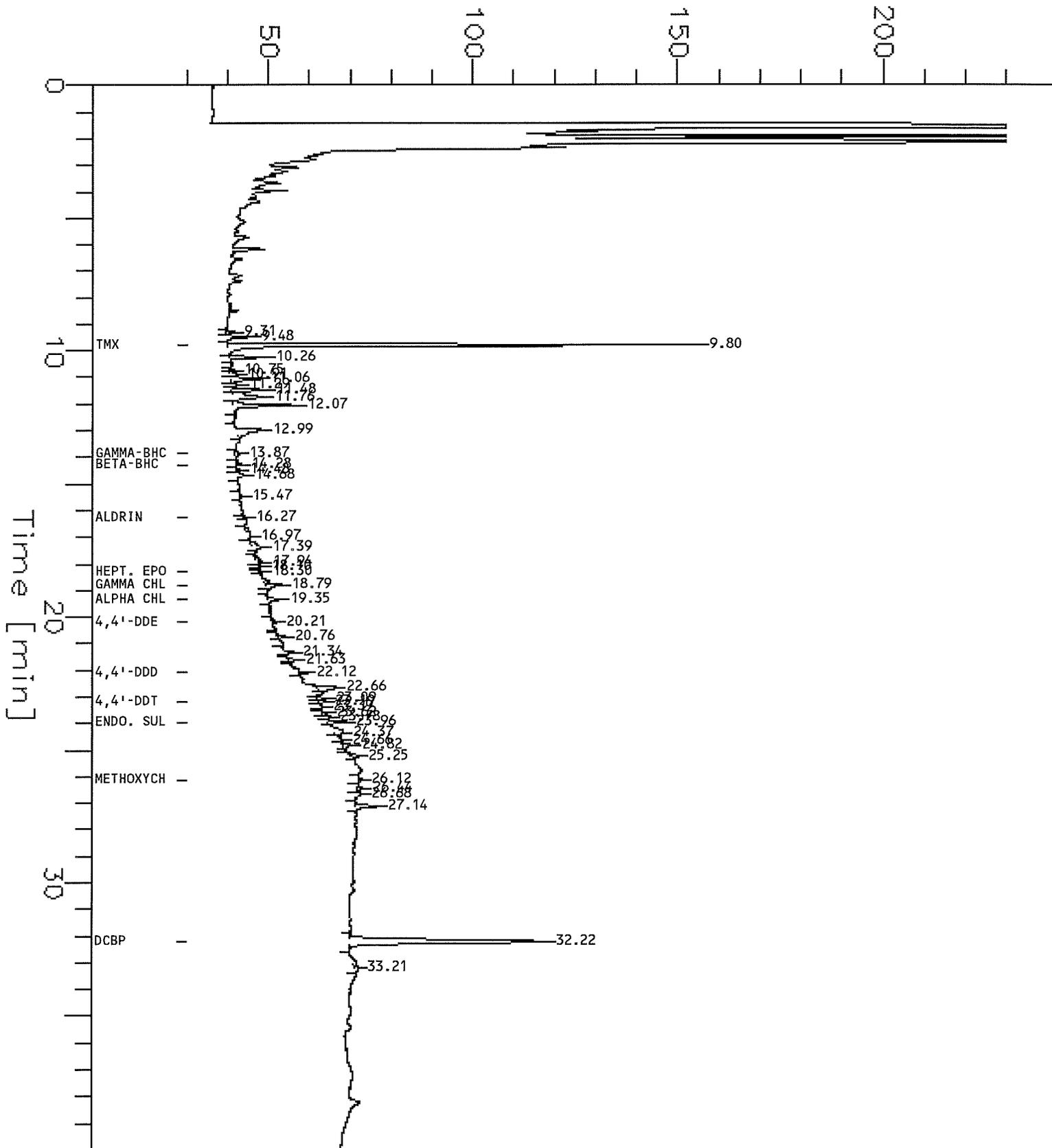
Low Point : 30.00 mV

Plot Scale: 200 mV

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High Point : 230.00 mV

DB608



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 Software Version: 3.2 <10J29>
 Sample Name : SP1SSW Time : 09/01/93 16:09
 Sample Number: SS9264 Study : AS042455
 Operator :

Instrument : 970_-_9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 09/01/93 12:59
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33237.raw
 Result File : f:\turbo32\khorvat\9b33237.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

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Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	10.46	41705		8040.40 BB	0.0417
2	10.75	600754	TMX	142246.92 BB	0.0284
3	11.22	38712		9620.90 BB	0.0387
4	11.95	24489		6234.94 BV	0.0245
6	12.41	63362		11700.34 BB	0.0634
8	12.96	65620		16092.36 BB	0.0656
10	13.79	111862		27403.90 BB	0.1119
20	19.61	40488		9053.39 VV	0.0405
24	20.70	23187	alpha chlordan	5534.54 VB	0.0011
30	23.57	21343		5025.20 BV	0.0213
32	24.09	66761	4,4'-DDT	11688.93 BB	0.0044
34	24.79	47258		10253.68 VV	0.0473
41	27.45	24971		3664.27 BB	0.0250
42	28.13	41890		6526.94 BB	0.0419
43	31.70	740372	DCBP	90324.98 BB	0.0306
			1952771	363411.69	

9/2/93

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 5890-9 DB1701 COLUMN #163 Channel B
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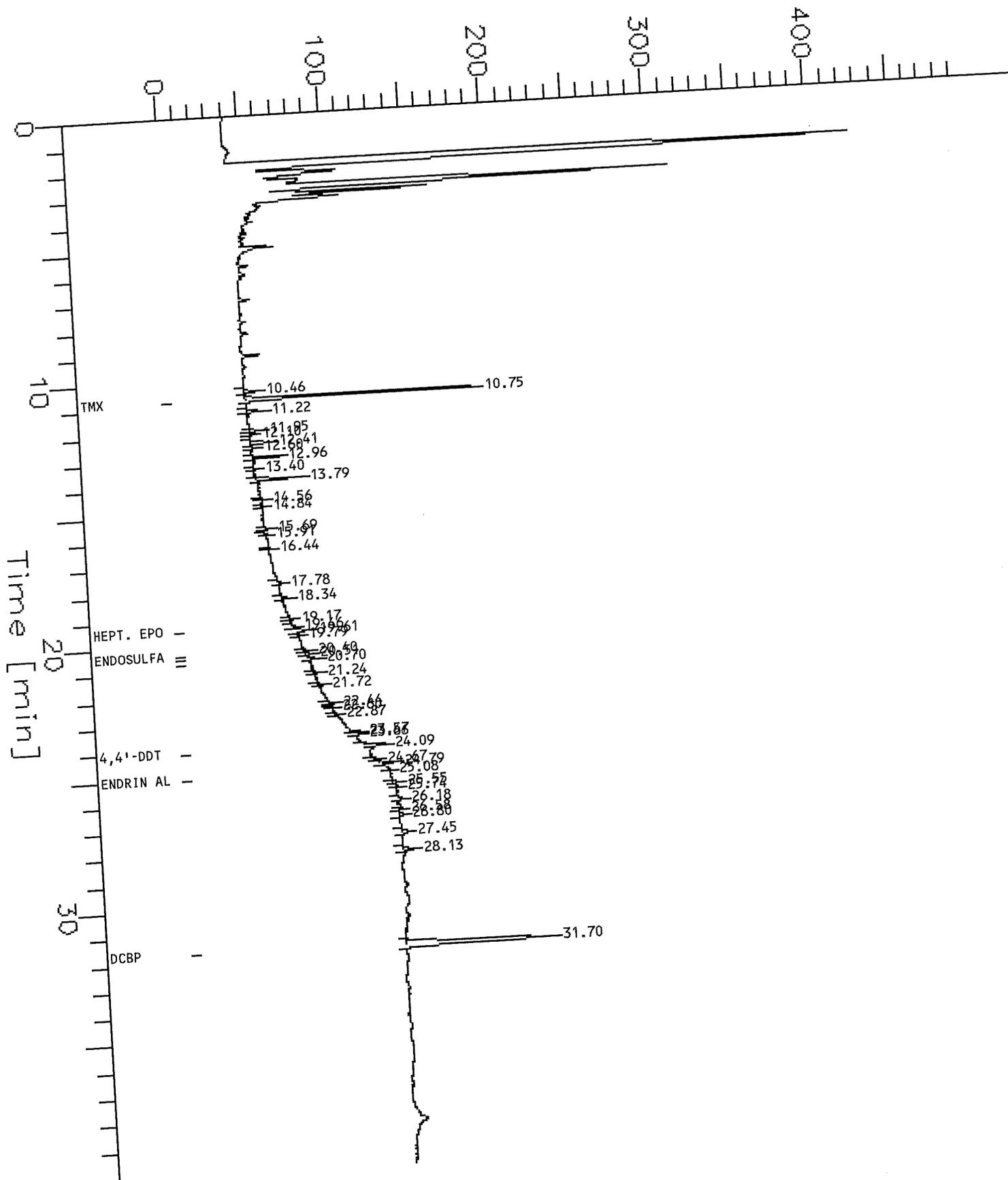
5890B9 1.0ul Inj

Sample Name : SP1SSW
File Name : f:\turbo32\khorvat\9b33237.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset : 0 mV

Sample #: SS9264
Date : 09/01/93 16:09
Time of Injection: 09/01/93 12:59
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



Software Version: 3.2 <10J29>
 Sample Name : *Floxal Check* Time : 5/6/93 15:57
 Sample Number: Study :
 Operator : *159AC-5-93*

Instrument : 2970_-12 Channel : A A/D mV Range : 1000
 Sampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 3090270362 Data Acquisition Time: 5/5/93 23:28
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : F:\TURBO32\GRUDZ\LA01020.RAW
 Result File : C:\windows\temp\rst183F.rst
 Instrument File: f:\turbo32\grudz\12-01D.ins
 Process File : f:\turbo32\grudz\12-01A.prc
 Sample File : f:\turbo32\grudz\12-01AX.smp
 Sequence File : <none>

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====							
5890-9 DB608 COLUMN #152 Channel A							
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng		
1	7.62	47496	TCP	10268.18	BB	0.0022	<i>446</i>
5	11.80	140722	TMX	32240.76	BV	0.0094	<i>94</i>
8	14.55	96560	alpha-BHC	23943.32	BB	0.0088	<i>88</i>
9	16.06	111568	gamma-BHC	24605.11	BB	0.0098	<i>98</i>
11	17.31	155665	Heptachlor	28600.88	BB	0.0115	<i>115</i>
21	20.51	18272	Hept-epoxide	3793.81	VB	0.0045	
26	21.79	110220	Endosulfan I	21519.17	BB	0.0105	<i>105</i>
30	22.86	217004	Dieldrin	44787.68	VE	0.0187	<i>94</i>
34	24.14	136340	Endrin	28963.05	BV	0.0181	<i>91</i>
35	24.34	165442	4,4'-DDD	39181.35	VB	0.0170	<i>85</i>
37	25.38	171104	4,4'-DDT	38137.86	BB	0.0194	<i>97</i>
38	25.85	96770	Endrin-aldehyde	15367.16	BB	0.0105	
40	29.02	544300	Methoxychlor	85155.53	BB	0.0959	<i>96</i>
42	29.95	15397	Endrin-ketone	2324.02	BB	0.0012	
43	38.02	386011	DCBP	32093.42	BB	0.0199	<i>100</i>
				2412870			
				430981.31			

=====

5890-9	DB608 COLUMN #152	Channel A
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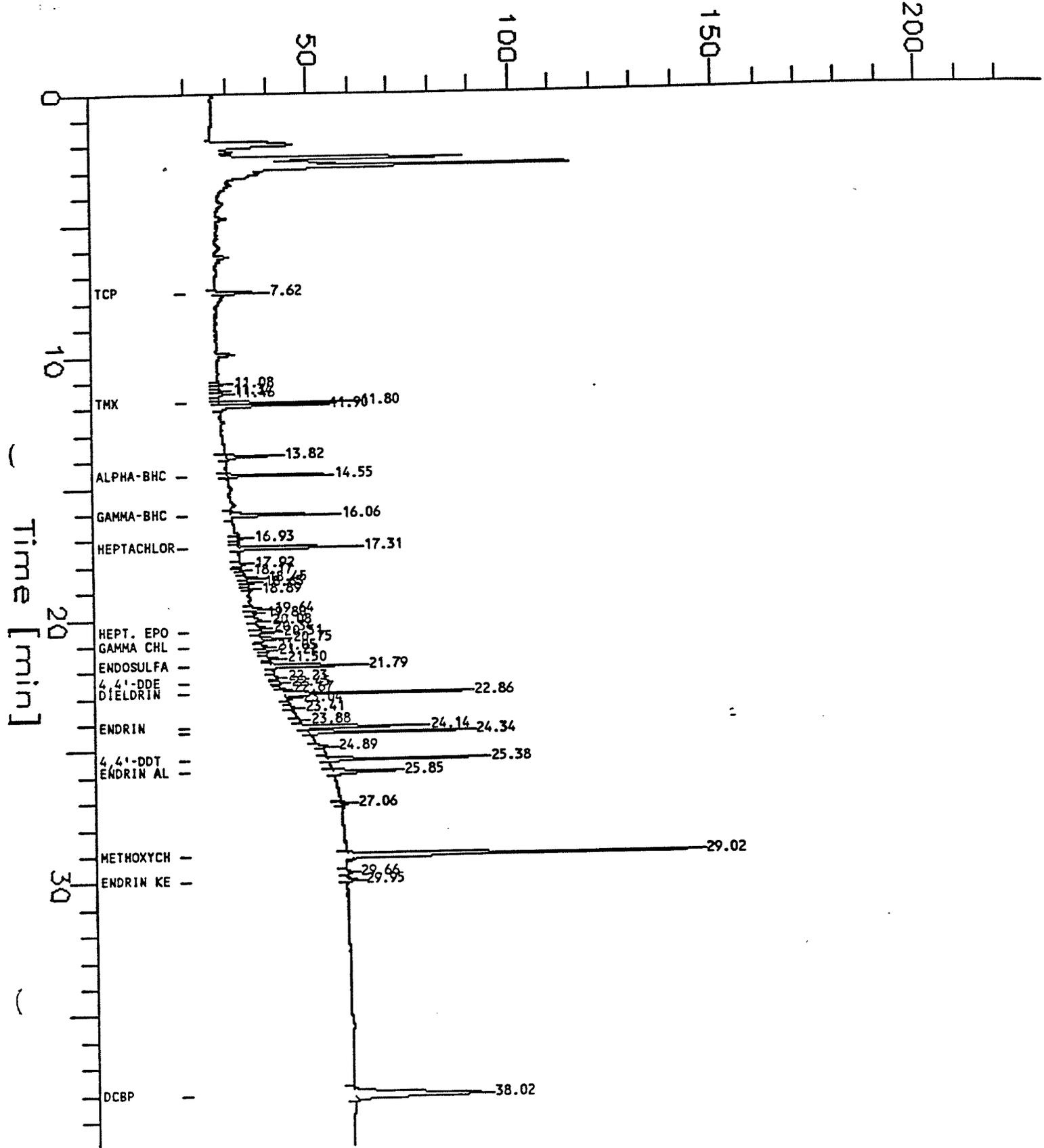
=====

Sample Name : Florisil Check
 FileName : F:\TURBO32\GRUDZ\LA01020.raw
 Method : 12-01D.ins
 Time : 0.00 min
 Factor : 0

End Time : 40.00 min
 Plot Offset: 20 mV

Sample #:
 Date : 5/6/93 16:00
 Time of Injection: 5/5/93 23:28
 Low Point : 20.00 mV
 Plot Scale: 200 mV
 High Point : 220.00 mV

DB608



STANDARDS DATA



RECRA
ENVIRONMENTAL
INC.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Instrument ID: 5890A9 Level (x low): low 1.0 mid 4.0 high 16.0
 GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 08/23/93 08/23/93

COMPOUND	RT OF STANDARDS			MEAN RT	RT WINDOW	
	LOW	MID	HIGH		FROM	TO
alpha-BHC	12.45	12.46	12.46	12.46	12.41	12.51
beta-BHC	14.25	14.24	14.23	14.24	14.19	14.29
delta-BHC	15.56	15.56	15.55	15.56	15.51	15.61
gamma-BHC (Lindane)	13.92	13.92	13.92	13.92	13.87	13.97
Heptachlor	15.08	15.09	15.09	15.09	15.04	15.14
Aldrin	16.26	16.27	16.27	16.27	16.22	16.32
Heptachlor epoxide	18.24	18.25	18.25	18.25	18.18	18.32
Endosulfan I	19.47	19.47	19.48	19.47	19.40	19.54
Dieldrin	20.51	20.52	20.52	20.52	20.45	20.59
4,4'-DDE	20.27	20.26	20.25	20.26	20.19	20.33
Endrin	21.75	21.76	21.76	21.76	21.69	21.83
Endosulfan II	22.38	22.38	22.38	22.38	22.31	22.45
4,4'-DDD	22.17	22.16	22.15	22.16	22.09	22.23
Endosulfan sulfate	23.89	23.89	23.89	23.89	23.82	23.96
4,4'-DDT	23.14	23.14	23.14	23.14	23.07	23.21
Methoxychlor	26.07	26.07	26.06	26.07	26.00	26.14
Endrin ketone	26.54	26.54	26.54	26.54	26.47	26.61
Endrin aldehyde	23.47	23.47	23.47	23.47	23.40	23.54
alpha Chlordane	19.37	19.37	19.37	19.37	19.30	19.44
gamma Chlordane	18.82	18.82	18.82	18.82	18.75	18.89
Tetrachloro-m-xylene	9.82	9.83	9.82	9.82	9.77	9.87
Decachlorobiphenyl	32.28	32.29	32.28	32.28	32.18	32.38

* Surrogate retention times are measured from Standard Mix A analyses

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

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Instrument ID: 5890B9 Level (x low): low 1.0 mid 4.0 high 16.0
 GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 08/23/93 08/23/93

COMPOUND	RT OF STANDARDS			MEAN RT	RT WINDOW	
	LOW	MID	HIGH		FROM	TO
alpha-BHC	14.02	14.03	14.03	14.03	13.98	14.08
beta-BHC	17.87	17.88	17.87	17.87	17.82	17.92
delta-BHC	18.76	18.77	18.77	18.77	18.72	18.82
gamma-BHC (Lindane)	15.45	15.45	15.46	15.45	15.40	15.50
Heptachlor	16.26	16.26	16.27	16.26	16.21	16.31
Aldrin	17.25	17.26	17.26	17.26	17.21	17.31
Heptachlor epoxide	19.47	19.48	19.48	19.48	19.41	19.55
Endosulfan I	20.43	20.43	20.44	20.43	20.36	20.50
Dieldrin	21.60	21.61	21.62	21.61	21.54	21.68
4,4'-DDE	20.98	20.99	20.99	20.99	20.92	21.06
Endrin	22.29	22.30	22.30	22.30	22.23	22.37
Endosulfan II	23.78	23.79	23.78	23.78	23.71	23.85
4,4'-DDD	23.48	23.49	23.49	23.49	23.42	23.56
Endosulfan sulfate	26.09	26.09	26.09	26.09	26.02	26.16
4,4'-DDT	24.05	24.05	24.06	24.05	23.98	24.12
Methoxychlor	25.95	25.95	25.93	25.94	25.87	26.01
Endrin ketone	27.74	27.75	27.75	27.75	27.68	27.82
Endrin aldehyde	25.06	25.06	25.06	25.06	24.99	25.13
alpha Chlordane	20.72	20.72	20.72	20.72	20.65	20.79
gamma Chlordane	20.54	20.54	20.54	20.54	20.47	20.61
Tetrachloro-m-xylene	10.75	10.76	10.76	10.76	10.71	10.81
Decachlorobiphenyl	31.75	31.76	31.76	31.76	31.66	31.86

* Surrogate retention times are measured from Standard Mix A analyses

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

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Instrument ID: 5890A9 Level (x low): low 1.0 mid 4.0 high 16.0
 GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 08/23/93 08/23/93

COMPOUND	CALIBRATION FACTORS				%RSD
	LOW	MID	HIGH	MEAN	
alpha-BHC	19800000	18100000	21200000	19700000	7.9
beta-BHC	11300000	10200000	10400000	10600000	5.5
delta-BHC	17800000	16200000	19200000	17700000	8.5
gamma-BHC (Lindane)	18300000	16400000	18500000	17700000	6.5
Heptachlor	22700000	17800000	17300000	19300000	15.5
Aldrin	19600000	16200000	17400000	17700000	9.7
Heptachlor epoxide	21200000	17100000	16900000	18400000	13.2
Endosulfan I	16300000	13800000	14000000	14700000	9.4
Dieldrin	15000000	13100000	14300000	14100000	6.8
4,4'-DDE	13900000	12400000	14400000	13600000	7.7
Endrin	10800000	9530000	10400000	10200000	6.3
Endosulfan II	14300000	12200000	12600000	13000000	8.6
4,4'-DDD	9750000	9170000	10300000	9740000	5.8
Endosulfan sulfate	12200000	10700000	11800000	11600000	6.7
4,4'-DDT	10500000	9660000	10700000	10300000	5.4
Methoxychlor	4330000	4100000	4270000	4230000	2.8
Endrin ketone	13600000	12500000	13700000	13300000	5.0
Endrin aldehyde	9700000	8710000	8700000	9040000	6.4
alpha Chlordane	22300000	18000000	17300000	19200000	14.1
gamma Chlordane	22700000	18100000	17500000	19400000	14.6
Tetrachloro-m-xylene	24900000	21400000	21400000	22600000	9.0
Decachlorobiphenyl	19700000	16800000	15400000	17300000	12.7

* Surrogate calibration factors are measured from Standard Mix A analyses

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

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Instrument ID: 5890B9 Level (x low): low 1.0 mid 4.0 high 16.0
 GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 08/23/93 08/23/93

COMPOUND	CALIBRATION FACTORS				%RSD
	LOW	MID	HIGH	MEAN	
alpha-BHC	15500000	16600000	24400000	18800000	25.8
beta-BHC	11900000	10300000	11400000	11200000	7.3
delta-BHC	15900000	16400000	22000000	18100000	18.7
gamma-BHC (Lindane)	14900000	15500000	20000000	16800000	16.6
Heptachlor	22800000	20700000	24300000	22600000	8.0
Aldrin	17900000	17700000	23600000	19700000	17.0
Heptachlor epoxide	20100000	18900000	23000000	20700000	10.2
Endosulfan I	16100000	15300000	19000000	16800000	11.6
Dieldrin	16200000	16700000	22100000	18300000	17.8
4,4'-DDE	15500000	16700000	21800000	18000000	18.6
Endrin	12400000	12800000	16800000	14000000	17.4
Endosulfan II	15800000	15500000	19400000	16900000	12.8
4,4'-DDD	11800000	12600000	16900000	13800000	19.9
Endosulfan sulfate	13900000	13400000	16600000	14600000	11.8
4,4'-DDT	18700000	15000000	18600000	17400000	12.1
Methoxychlor	8910000	8700000	7700000	8440000	7.7
Endrin ketone	17400000	17000000	20900000	18400000	11.6
Endrin aldehyde	8090000	9540000	10600000	9410000	13.4
alpha Chlordane	22100000	20300000	23500000	22000000	7.3
gamma Chlordane	21800000	20700000	24100000	22200000	7.8
Tetrachloro-m-xylene	22500000	21100000	24100000	22600000	6.7
Decachlorobiphenyl	26100000	24200000	24800000	25000000	3.9

* Surrogate calibration factors are measured from Standard Mix A analyses

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

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393Instrument ID: 5890A9 Date(s) Analyzed: 08/23/93 08/23/93GC Column: DB608 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	0.500	*1	25.14	25.07	25.21	293000
		*2	25.35	25.28	25.42	364000
		*3	25.74	25.67	25.81	71300
		4				
		5				
Aroclor 1016	0.100	*1	12.32	12.25	12.39	354000
		*2	13.85	13.78	13.92	963000
		*3	15.21	15.14	15.28	1430000
		4				
		5				
Aroclor 1221	0.200	*1	11.50	11.43	11.57	179000
		*2	12.07	12.00	12.14	140000
		*3	12.32	12.25	12.39	449000
		4				
		5				
Aroclor 1232	0.100	*1	12.33	12.26	12.40	367000
		*2	13.85	13.78	13.92	448000
		*3	15.22	15.15	15.29	496000
		4				
		5				
Aroclor 1242	0.100	*1	12.33	12.26	12.40	286000
		*2	13.85	13.78	13.92	824000
		*3	15.21	15.14	15.28	1150000
		4				
		5				
Aroclor 1248	0.100	*1	16.30	16.23	16.37	813000
		*2	17.44	17.37	17.51	853000
		*3	17.87	17.80	17.94	719000
		4				
		5				
Aroclor 1254	0.100	*1	18.81	18.74	18.88	850000
		*2	19.04	18.97	19.11	1000000
		*3	19.30	19.23	19.37	326000
		4				
		5				
Aroclor 1260	0.100	*1	20.78	20.71	20.85	599000
		*2	21.38	21.31	21.45	1130000
		*3	21.68	21.61	21.75	1120000
		4				
		5				

* Denotes required peaks

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393Instrument ID: 5890B9 Date(s) Analyzed: 08/23/93 08/23/93GC Column: DB1701 ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	0.500	*1	24.54	24.47	24.61	630000
		*2	24.73	24.66	24.80	738000
		*3	25.07	25.00	25.14	327000
		4				
		5				
Aroclor 1016	0.100	*1	12.92	12.85	12.99	434000
		*2	14.29	14.22	14.36	965000
		*3	15.92	15.85	15.99	1590000
		4				
		5				
Aroclor 1221	0.200	*1	12.12	12.05	12.19	190000
		*2	12.69	12.62	12.76	145000
		*3	12.92	12.85	12.99	505000
		4				
		5				
Aroclor 1232	0.100	*1	12.92	12.85	12.99	497000
		*2	14.29	14.22	14.36	568000
		*3	15.92	15.85	15.99	711000
		4				
		5				
Aroclor 1242	0.100	*1	12.92	12.85	12.99	376000
		*2	14.29	14.22	14.36	816000
		*3	15.92	15.85	15.99	1340000
		4				
		5				
Aroclor 1248	0.100	*1	17.03	16.96	17.10	920000
		*2	17.10	17.03	17.17	1010000
		*3	17.89	17.82	17.96	1100000
		4				
		5				
Aroclor 1254	0.100	*1	19.20	19.13	19.27	1160000
		*2	19.79	19.72	19.86	941000
		*3	21.26	21.19	21.33	1140000
		4				
		5				
Aroclor 1260	0.100	*1	25.58	25.51	25.65	1470000
		*2	26.62	26.55	26.69	291000
		*3	26.85	26.78	26.92	1080000
		4				
		5				

* Denotes required peaks

6G

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column (1): DB608 ID: 0.53(mm) Instrument ID (1): 5890A9
 EPA Sample No. (Standard 1): RESC01 Lab Sample ID (1): ICM2AB01
 Date Analyzed (1): 08/23/93 Time Analyzed (1): 1148

	ANALYTE	RT	RESOLUTION (%)
	=====	=====	=====
01	Tetrachloro-m-xylene	9.83	100.0
02	gamma-Chlordane	18.83	100.0
03	Endosulfan I	19.48	100.0
04	4,4'-DDE	20.27	95.0
05	Dieldrin	20.52	100.0
06	Endosulfan sulfate	23.90	100.0
07	Methoxychlor	26.08	100.0
08	Endrin ketone	26.56	100.0
09	Decachlorobiphenyl	32.31	

GC Column (2): DB1701 ID: 0.53(mm) Instrument ID (2): 5890B9
 EPA Sample No. (Standard 2): RESC01 Lab Sample ID (2): ICM2AB01
 Date Analyzed (2): 08/23/93 Time Analyzed (2): 1148

	ANALYTE	RT	RESOLUTION (%)
	=====	=====	=====
01	Tetrachloro-m-xylene	10.77	100.0
02	Endosulfan I	20.44	67.0
03	gamma-Chlordane	20.55	100.0
04	4,4'-DDE	20.99	100.0
05	Dieldrin	21.62	100.0
06	Methoxychlor	25.96	61.0
07	Endosulfan sulfate	26.10	100.0
08	Endrin ketone	27.76	100.0
09	Decachlorobiphenyl	31.77	

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK01 Date Analyzed : 08/23/93
 Lab Sample ID (PIBLK): ICM3EB01 Time Analyzed : 1234
 EPA Sample No. (PEM): PEM01 Date Analyzed : 08/23/93
 Lab Sample ID (PEM): ICM1DB01 Time Analyzed : 1320

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.46	12.41	12.51	0.009	0.010	10.0
beta-BHC	14.24	14.19	14.29	0.009	0.010	10.0
gamma-BHC (Lindane)	13.92	13.87	13.97	0.010	0.010	0.0
Endrin	21.75	21.69	21.83	0.045	0.050	10.0
4,4'-DDT	23.14	23.07	23.21	0.089	0.100	11.0
Methoxychlor	26.06	26.00	26.14	0.198	0.250	20.8

4,4'-DDT % breakdown (1): 2.3 Endrin % breakdown (1): 10.4
 Combined % breakdown (1): 12.7

QC LIMITS:

- RPD of amounts in PEM must be less than or equal to 25.0%
- 4,4'-DDT breakdown must be less than or equal to 20.0%
- Endrin breakdown must be less than or equal to 20.0%
- Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK02 Date Analyzed : 08/24/93
 Lab Sample ID (PIBLK): ICM3EB02 Time Analyzed : 0002
 EPA Sample No. (PEM): PEM02 Date Analyzed : 08/24/93
 Lab Sample ID (PEM): ICM1DB02 Time Analyzed : 0048

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.46	12.41	12.51	0.009	0.010	10.0
beta-BHC	14.26	14.19	14.29	0.009	0.010	10.0
gamma-BHC (Lindane)	13.93	13.87	13.97	0.010	0.010	0.0
Endrin	21.76	21.69	21.83	0.046	0.050	8.0
4,4'-DDT	23.14	23.07	23.21	0.088	0.100	12.0
Methoxychlor	26.07	26.00	26.14	0.231	0.250	7.6

4,4'-DDT % breakdown (1): 2.2 Endrin % breakdown (1): 9.0
 Combined % breakdown (1): 11.2

QC LIMITS:

- RPD of amounts in PEM must be less than or equal to 25.0%
- 4,4'-DDT breakdown must be less than or equal to 20.0%
- Endrin breakdown must be less than or equal to 20.0%
- Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECN Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK04 Date Analyzed : 08/24/93
 Lab Sample ID (PIBLK): ICM3EB04 Time Analyzed : 2128
 EPA Sample No. (PEM): PEM03 Date Analyzed : 08/24/93
 Lab Sample ID (PEM): ICM1DB03 Time Analyzed : 2213

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
=====	=====	=====	=====	=====	=====	=====
alpha-BHC	12.43	12.41	12.51	0.009	0.010	10.0
beta-BHC	14.19	14.19	14.29	0.009	0.010	10.0
gamma-BHC (Lindane)	13.89	13.87	13.97	0.009	0.010	10.0
Endrin	21.73	21.69	21.83	0.046	0.050	8.0
4,4'-DDT	23.11	23.07	23.21	0.085	0.100	15.0
Methoxychlor	26.03	26.00	26.14	0.252	0.250	0.8

4,4'-DDT % breakdown (1): 2.2 Endrin % breakdown (1): 3.2
 Combined % breakdown (1): 5.4

QC LIMITS:

- RPD of amounts in PEM must be less than or equal to 25.0%
- 4,4'-DDT breakdown must be less than or equal to 20.0%
- Endrin breakdown must be less than or equal to 20.0%
- Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK06 Date Analyzed : 08/25/93
 Lab Sample ID (PIBLK): ICM3EB06 Time Analyzed : 1921
 EPA Sample No. (PEM): PEM04 Date Analyzed : 08/25/93
 Lab Sample ID (PEM): ICM1DB04 Time Analyzed : 2007

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.43	12.41	12.51	0.009	0.010	10.0
beta-BHC	14.21	14.19	14.29	0.010	0.010	0.0
gamma-BHC (Lindane)	13.89	13.87	13.97	0.010	0.010	0.0
Endrin	21.73	21.69	21.83	0.050	0.050	0.0
4,4'-DDT	23.11	23.07	23.21	0.098	0.100	2.0
Methoxychlor	26.03	26.00	26.14	0.273	0.250	9.2

4,4'-DDT % breakdown (1): 4.2Endrin % breakdown (1): 9.6Combined % breakdown (1): 13.8

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK08 Date Analyzed : 08/26/93
 Lab Sample ID (PIBLK): ICM3EB08 Time Analyzed : 1645
 EPA Sample No. (PEM): PEM05 Date Analyzed : 08/26/93
 Lab Sample ID (PEM): ICM1DB05 Time Analyzed : 1731

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.41	12.41	12.51	0.009	0.010	10.0
beta-BHC	14.18	14.19	14.29	0.011	0.010	10.0
gamma-BHC (Lindane)	13.88	13.87	13.97	0.010	0.010	0.0
Endrin	21.71	21.69	21.83	0.049	0.050	2.0
4,4'-DDT	23.09	23.07	23.21	0.093	0.100	7.0
Methoxychlor	26.01	26.00	26.14	0.286	0.250	14.4

4,4'-DDT % breakdown (1): 3.5 Endrin % breakdown (1): 5.2
 Combined % breakdown (1): 8.7

QC LIMITS:

- RPD of amounts in PEM must be less than or equal to 25.0%
- 4,4'-DDT breakdown must be less than or equal to 20.0%
- Endrin breakdown must be less than or equal to 20.0%
- Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK10 Date Analyzed : 08/27/93
 Lab Sample ID (PIBLK): ICM3EB10 Time Analyzed : 1330
 EPA Sample No. (PEM): PEM06 Date Analyzed : 08/27/93
 Lab Sample ID (PEM): ICM1DB06 Time Analyzed : 1416

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC _____	12.43	12.41	12.51	0.009	0.010	10.0
beta-BHC _____	14.20	14.19	14.29	0.010	0.010	0.0
gamma-BHC (Lindane) _____	13.89	13.87	13.97	0.009	0.010	10.0
Endrin _____	21.73	21.69	21.83	0.046	0.050	8.0
4,4'-DDT _____	23.10	23.07	23.21	0.081	0.100	19.0
Methoxychlor _____	26.03	26.00	26.14	0.226	0.250	9.6

4,4'-DDT % breakdown (1): 6.0 Endrin % breakdown (1): 4.6
 Combined % breakdown (1): 10.6

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%
 4,4'-DDT breakdown must be less than or equal to 20.0%
 Endrin breakdown must be less than or equal to 20.0%
 Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK12 Date Analyzed : 08/28/93
 Lab Sample ID (PIBLK): ICM3EB12 Time Analyzed : 1055
 EPA Sample No. (PEM): PEM07 Date Analyzed : 08/28/93
 Lab Sample ID (PEM): ICM1DB07 Time Analyzed : 1141

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.44	12.41	12.51	0.009	0.010	10.0
beta-BHC	14.22	14.19	14.29	0.010	0.010	0.0
gamma-BHC (Lindane)	13.90	13.87	13.97	0.009	0.010	10.0
Endrin	21.74	21.69	21.83	0.048	0.050	4.0
4,4'-DDT	23.12	23.07	23.21	0.088	0.100	12.0
Methoxychlor	26.04	26.00	26.14	0.247	0.250	1.2

4,4'-DDT % breakdown (1): 5.3Endrin % breakdown (1): 5.8Combined % breakdown (1): 11.1

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK14 Date Analyzed : 08/29/93
 Lab Sample ID (PIBLK): ICM3EB14 Time Analyzed : 0818
 EPA Sample No. (PEM): PEM08 Date Analyzed : 08/29/93
 Lab Sample ID (PEM): ICM1DB08 Time Analyzed : 0904

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.45	12.41	12.51	0.008	0.010	20.0
beta-BHC	14.23	14.19	14.29	0.010	0.010	0.0
gamma-BHC (Lindane)	13.91	13.87	13.97	0.009	0.010	10.0
Endrin	21.75	21.69	21.83	0.045	0.050	10.0
4,4'-DDT	23.13	23.07	23.21	0.077	0.100	23.0
Methoxychlor	26.05	26.00	26.14	0.230	0.250	8.0

4,4'-DDT % breakdown (1): 9.4Endrin % breakdown (1): 10.6Combined % breakdown (1): 20.0

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93

EPA Sample No. (PIBLK): PIBLK15 Date Analyzed : 08/30/93
 Lab Sample ID (PIBLK): ICM3EB15 Time Analyzed : 1248
 EPA Sample No. (PEM): PEM09 Date Analyzed : 08/30/93
 Lab Sample ID (PEM): ICM1DB09 Time Analyzed : 1334

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.43	12.41	12.51	0.009	0.010	10.0
beta-BHC	14.20	14.19	14.29	0.010	0.010	0.0
gamma-BHC (Lindane)	13.89	13.87	13.97	0.009	0.010	10.0
Endrin	21.73	21.69	21.83	0.047	0.050	6.0
4,4'-DDT	23.10	23.07	23.21	0.083	0.100	17.0
Methoxychlor	26.02	26.00	26.14	0.223	0.250	10.8

4,4'-DDT % breakdown (1): 8.1Endrin % breakdown (1): 4.8Combined % breakdown (1): 12.9

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK17 Date Analyzed : 08/31/93
 Lab Sample ID (PIBLK): ICM3EB17 Time Analyzed : 0842
 EPA Sample No. (PEM): PEM10 Date Analyzed : 08/31/93
 Lab Sample ID (PEM): ICM1DB10 Time Analyzed : 0928

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.43	12.41	12.51	0.009	0.010	10.0
beta-BHC	14.21	14.19	14.29	0.010	0.010	0.0
gamma-BHC (Lindane)	13.89	13.87	13.97	0.009	0.010	10.0
Endrin	21.72	21.69	21.83	0.047	0.050	6.0
4,4'-DDT	23.11	23.07	23.21	0.084	0.100	16.0
Methoxychlor	26.03	26.00	26.14	0.240	0.250	4.0

4,4'-DDT % breakdown (1): 7.3Endrin % breakdown (1): 6.8Combined % breakdown (1): 14.1

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK19 Date Analyzed : 09/01/93
 Lab Sample ID (PIBLK): ICM3EB19 Time Analyzed : 0606
 EPA Sample No. (PEM): PEM11 Date Analyzed : 09/01/93
 Lab Sample ID (PEM): ICM1DB11 Time Analyzed : 0652

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.46	12.41	12.51	0.008	0.010	20.0
beta-BHC	14.24	14.19	14.29	0.009	0.010	10.0
gamma-BHC (Lindane)	13.92	13.87	13.97	0.009	0.010	10.0
Endrin	21.75	21.69	21.83	0.044	0.050	12.0
4,4'-DDT	23.13	23.07	23.21	0.077	0.100	23.0
Methoxychlor	26.06	26.00	26.14	0.225	0.250	10.0

4,4'-DDT % breakdown (1): 8.7

Endrin % breakdown (1): 10.4

Combined % breakdown (1): 19.1

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK01 Date Analyzed : 08/23/93
 Lab Sample ID (PIBLK): ICM3EB01 Time Analyzed : 1234
 EPA Sample No. (PEM): PEM01 Date Analyzed : 08/23/93
 Lab Sample ID (PEM): ICM1DB01 Time Analyzed : 1320

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.03	13.98	14.08	0.008	0.010	20.0
beta-BHC	17.87	17.82	17.92	0.010	0.010	0.0
gamma-BHC (Lindane)	15.45	15.40	15.50	0.009	0.010	10.0
Endrin	22.29	22.23	22.37	0.046	0.050	8.0
4,4'-DDT	24.05	23.98	24.12	0.094	0.100	6.0
Methoxychlor	25.95	25.87	26.01	0.219	0.250	12.4

4,4'-DDT % breakdown (1): 2.0 Endrin % breakdown (1): 2.8
 Combined % breakdown (1): 4.8

QC LIMITS:

- RPD of amounts in PEM must be less than or equal to 25.0%
- 4,4'-DDT breakdown must be less than or equal to 20.0%
- Endrin breakdown must be less than or equal to 20.0%
- Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK02 Date Analyzed : 08/24/93
 Lab Sample ID (PIBLK): ICM3EB02 Time Analyzed : 0002
 EPA Sample No. (PEM): PEM02 Date Analyzed : 08/24/93
 Lab Sample ID (PEM): ICM1DB02 Time Analyzed : 0048

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.03	13.98	14.08	0.008	0.010	20.0
beta-BHC	17.88	17.82	17.92	0.010	0.010	0.0
gamma-BHC (Lindane)	15.45	15.40	15.50	0.009	0.010	10.0
Endrin	22.30	22.23	22.37	0.047	0.050	6.0
4,4'-DDT	24.06	23.98	24.12	0.095	0.100	5.0
Methoxychlor	25.96	25.87	26.01	0.232	0.250	7.2

4,4'-DDT % breakdown (1): 2.2 Endrin % breakdown (1): 2.8
 Combined % breakdown (1): 5.0

QC LIMITS:

- RPD of amounts in PEM must be less than or equal to 25.0%
- 4,4'-DDT breakdown must be less than or equal to 20.0%
- Endrin breakdown must be less than or equal to 20.0%
- Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93

EPA Sample No. (PIBLK): PIBLK04 Date Analyzed : 08/24/93
 Lab Sample ID (PIBLK): ICM3EB04 Time Analyzed : 2128
 EPA Sample No. (PEM): PEM03 Date Analyzed : 08/24/93
 Lab Sample ID (PEM): ICM1DB03 Time Analyzed : 2213

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.01	13.98	14.08	0.008	0.010	20.0
beta-BHC	17.85	17.82	17.92	0.009	0.010	10.0
gamma-BHC (Lindane)	15.43	15.40	15.50	0.009	0.010	10.0
Endrin	22.27	22.23	22.37	0.049	0.050	2.0
4,4'-DDT	24.03	23.98	24.12	0.100	0.100	0.0
Methoxychlor	25.92	25.87	26.01	0.252	0.250	0.8

4,4'-DDT % breakdown (1): 1.9Endrin % breakdown (1): 4.4Combined % breakdown (1): 6.3

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK06 Date Analyzed : 08/25/93
 Lab Sample ID (PIBLK): ICM3EB06 Time Analyzed : 1921
 EPA Sample No. (PEM): PEM04 Date Analyzed : 08/25/93
 Lab Sample ID (PEM): ICM1DB04 Time Analyzed : 2007

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.01	13.98	14.08	0.008	0.010	20.0
beta-BHC	17.85	17.82	17.92	0.010	0.010	0.0
gamma-BHC (Lindane)	15.43	15.40	15.50	0.009	0.010	10.0
Endrin	22.27	22.23	22.37	0.049	0.050	2.0
4,4'-DDT	24.03	23.98	24.12	0.102	0.100	2.0
Methoxychlor	25.92	25.87	26.01	0.248	0.250	0.8

4,4'-DDT % breakdown (1): 4.0Endrin % breakdown (1): 0.0Combined % breakdown (1): 4.0

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK08 Date Analyzed : 08/26/93
 Lab Sample ID (PIBLK): ICM3EB08 Time Analyzed : 1645
 EPA Sample No. (PEM): PEM05 Date Analyzed : 08/26/93
 Lab Sample ID (PEM): ICM1DB05 Time Analyzed : 1731

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	13.99	13.98	14.08	0.009	0.010	10.0
beta-BHC	17.83	17.82	17.92	0.010	0.010	0.0
gamma-BHC (Lindane)	15.41	15.40	15.50	0.009	0.010	10.0
Endrin	22.26	22.23	22.37	0.053	0.050	6.0
4,4'-DDT	24.01	23.98	24.12	0.107	0.100	7.0
Methoxychlor	25.90	25.87	26.01	0.270	0.250	8.0

4,4'-DDT % breakdown (1): 19.1 Endrin % breakdown (1): 0.0
 Combined % breakdown (1): 19.1

QC LIMITS:

- RPD of amounts in PEM must be less than or equal to 25.0%
- 4,4'-DDT breakdown must be less than or equal to 20.0%
- Endrin breakdown must be less than or equal to 20.0%
- Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93

EPA Sample No. (PIBLK): PIBLK10 Date Analyzed : 08/27/93
 Lab Sample ID (PIBLK): ICM3EB10 Time Analyzed : 1330
 EPA Sample No. (PEM): PEM06 Date Analyzed : 08/27/93
 Lab Sample ID (PEM): ICM1DB06 Time Analyzed : 1416

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.00	13.98	14.08	0.008	0.010	20.0
beta-BHC	17.84	17.82	17.92	0.009	0.010	10.0
gamma-BHC (Lindane)	15.42	15.40	15.50	0.008	0.010	20.0
Endrin	22.27	22.23	22.37	0.047	0.050	6.0
4,4'-DDT	24.02	23.98	24.12	0.095	0.100	5.0
Methoxychlor	25.91	25.87	26.01	0.226	0.250	9.6

4,4'-DDT % breakdown (1): 4.5Endrin % breakdown (1): 2.4Combined % breakdown (1): 6.9

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK12 Date Analyzed : 08/28/93
 Lab Sample ID (PIBLK): ICM3EB12 Time Analyzed : 1055
 EPA Sample No. (PEM): PEM07 Date Analyzed : 08/28/93
 Lab Sample ID (PEM): ICM1DB07 Time Analyzed : 1141

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC _____	14.01	13.98	14.08	0.008	0.010	20.0
beta-BHC _____	17.85	17.82	17.92	0.009	0.010	10.0
gamma-BHC (Lindane) _____	15.43	15.40	15.50	0.009	0.010	10.0
Endrin _____	22.28	22.23	22.37	0.048	0.050	4.0
4,4'-DDT _____	24.04	23.98	24.12	0.094	0.100	6.0
Methoxychlor _____	25.93	25.87	26.01	0.239	0.250	4.4

4,4'-DDT % breakdown (1): 2.6Endrin % breakdown (1): 0.0Combined % breakdown (1): 2.6

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93

EPA Sample No. (PIBLK): PIBLK14 Date Analyzed : 08/29/93
 Lab Sample ID (PIBLK): ICM3EB14 Time Analyzed : 0818
 EPA Sample No. (PEM): PEM08 Date Analyzed : 08/29/93
 Lab Sample ID (PEM): ICM1DB08 Time Analyzed : 0904

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.02	13.98	14.08	0.008	0.010	20.0
beta-BHC	17.86	17.82	17.92	0.009	0.010	10.0
gamma-BHC (Lindane)	15.45	15.40	15.50	0.009	0.010	10.0
Endrin	22.29	22.23	22.37	0.048	0.050	4.0
4,4'-DDT	24.05	23.98	24.12	0.086	0.100	14.0
Methoxychlor	25.94	25.87	26.01	0.224	0.250	10.4

4,4'-DDT % breakdown (1): 5.7Endrin % breakdown (1): 2.8Combined % breakdown (1): 8.5

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93

EPA Sample No. (PIBLK): PIBLK15 Date Analyzed : 08/30/93
 Lab Sample ID (PIBLK): ICM3EB15 Time Analyzed : 1248
 EPA Sample No. (PEM): PEM09 Date Analyzed : 08/30/93
 Lab Sample ID (PEM): ICM1DB09 Time Analyzed : 1334

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.00	13.98	14.08	0.008	0.010	20.0
beta-BHC	17.84	17.82	17.92	0.009	0.010	10.0
gamma-BHC (Lindane)	15.42	15.40	15.50	0.008	0.010	20.0
Endrin	22.27	22.23	22.37	0.048	0.050	4.0
4,4'-DDT	24.02	23.98	24.12	0.091	0.100	9.0
Methoxychlor	25.91	25.87	26.01	0.224	0.250	10.4

4,4'-DDT % breakdown (1): 19.7

Endrin % breakdown (1): 2.4

Combined % breakdown (1): 22.1

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK17 Date Analyzed : 08/31/93
 Lab Sample ID (PIBLK): ICM3EB17 Time Analyzed : 0842
 EPA Sample No. (PEM): PEM10 Date Analyzed : 08/31/93
 Lab Sample ID (PEM): ICM1DB10 Time Analyzed : 0928

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.00	13.98	14.08	0.008	0.010	20.0
beta-BHC	17.83	17.82	17.92	0.009	0.010	10.0
gamma-BHC (Lindane)	15.42	15.40	15.50	0.008	0.010	20.0
Endrin	22.27	22.23	22.37	0.047	0.050	6.0
4,4'-DDT	24.02	23.98	24.12	0.089	0.100	11.0
Methoxychlor	25.91	25.87	26.01	0.229	0.250	8.4

4,4'-DDT % breakdown (1): 4.3 Endrin % breakdown (1): 3.0
 Combined % breakdown (1): 7.3

QC LIMITS:

- RPD of amounts in PEM must be less than or equal to 25.0%
- 4,4'-DDT breakdown must be less than or equal to 20.0%
- Endrin breakdown must be less than or equal to 20.0%
- Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93

EPA Sample No. (PIBLK): PIBLK19 Date Analyzed : 09/01/93
 Lab Sample ID (PIBLK): ICM3EB19 Time Analyzed : 0606
 EPA Sample No. (PEM): PEM11 Date Analyzed : 09/01/93
 Lab Sample ID (PEM): ICM1DB11 Time Analyzed : 0652

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.02	13.98	14.08	0.008	0.010	20.0
beta-BHC	17.86	17.82	17.92	0.009	0.010	10.0
gamma-BHC (Lindane)	15.44	15.40	15.50	0.008	0.010	20.0
Endrin	22.29	22.23	22.37	0.044	0.050	12.0
4,4'-DDT	24.05	23.98	24.12	0.081	0.100	19.0
Methoxychlor	25.94	25.87	26.01	0.210	0.250	16.0

4,4'-DDT % breakdown (1): 5.6 Endrin % breakdown (1): 3.6
 Combined % breakdown (1): 9.2

QC LIMITS:

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

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

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK03 Date Analyzed : 08/24/93
 Lab Sample ID (PIBLK): ICM3EB03 Time Analyzed : 0958
 EPA Sample No. (INDA): INDAM02 Date Analyzed : 08/24/93
 Lab Sample ID (INDA): ICM4CE02 Time Analyzed : 1044

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.45	12.41	12.51	0.0196	0.0200	2.0
gamma-BHC (Lindane)	13.91	13.87	13.97	0.0198	0.0200	1.0
Heptachlor	15.08	15.04	15.14	0.0201	0.0200	0.5
Endosulfan I	19.46	19.40	19.54	0.0200	0.0200	0.0
Dieldrin	20.50	20.45	20.59	0.0400	0.0400	0.0
Endrin	21.74	21.69	21.83	0.0409	0.0400	2.2
4,4'-DDD	22.16	22.09	22.23	0.0396	0.0400	1.0
4,4'-DDT	23.13	23.07	23.21	0.0388	0.0400	3.0
Methoxychlor	26.05	26.00	26.14	0.216	0.200	8.0
Tetrachloro-m-xylene	9.82	9.77	9.87	0.0200	0.0200	0.0
Decachlorobiphenyl	32.26	32.18	32.38	0.0403	0.0400	0.8

EPA Sample No. (INDB): INDBM02 Date Analyzed : 08/24/93
 Lab Sample ID (INDB): ICM5BF02 Time Analyzed : 1130

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	14.24	14.19	14.29	0.0193	0.0200	3.5
delta-BHC	15.55	15.51	15.61	0.0198	0.0200	1.0
Aldrin	16.25	16.22	16.32	0.0200	0.0200	0.0
Heptachlor epoxide	18.23	18.18	18.32	0.0201	0.0200	0.5
4,4'-DDE	20.25	20.19	20.33	0.0386	0.0400	3.5
Endosulfan II	22.37	22.31	22.45	0.0398	0.0400	0.5
Endosulfan sulfate	23.88	23.82	23.96	0.0404	0.0400	1.0
Endrin ketone	26.53	26.47	26.61	0.0402	0.0400	0.5
Endrin aldehyde	23.46	23.40	23.54	0.0401	0.0400	0.2
alpha-Chlordane	19.36	19.30	19.44	0.0198	0.0200	1.0
gamma-Chlordane	18.81	18.75	18.89	0.0199	0.0200	0.5
Tetrachloro-m-xylene	9.82	9.77	9.87	0.0198	0.0200	1.0
Decachlorobiphenyl	32.25	32.18	32.38	0.0405	0.0400	1.2

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK05 Date Analyzed : 08/25/93
 Lab Sample ID (PIBLK): ICM3EB05 Time Analyzed : 0637
 EPA Sample No. (INDA): INDAM03 Date Analyzed : 08/25/93
 Lab Sample ID (INDA): ICM4CE03 Time Analyzed : 0723

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.45	12.41	12.51	0.0198	0.0200	1.0
gamma-BHC (Lindane)	13.92	13.87	13.97	0.0198	0.0200	1.0
Heptachlor	15.09	15.04	15.14	0.0204	0.0200	2.0
Endosulfan I	19.47	19.40	19.54	0.0190	0.0200	5.0
Dieldrin	20.52	20.45	20.59	0.0384	0.0400	4.0
Endrin	21.75	21.69	21.83	0.0412	0.0400	3.0
4,4'-DDD	22.14	22.09	22.23	0.0390	0.0400	2.5
4,4'-DDT	23.13	23.07	23.21	0.0379	0.0400	5.2
Methoxychlor	26.06	26.00	26.14	0.234	0.200	17.0
Tetrachloro-m-xylene	9.82	9.77	9.87	0.0198	0.0200	1.0
Decachlorobiphenyl	32.28	32.18	32.38	0.0375	0.0400	6.2

EPA Sample No. (INDB): INDBM03 Date Analyzed : 08/25/93
 Lab Sample ID (INDB): ICM5BF03 Time Analyzed : 0810

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	14.22	14.19	14.29	0.0201	0.0200	0.5
delta-BHC	15.54	15.51	15.61	0.0202	0.0200	1.0
Aldrin	16.27	16.22	16.32	0.0186	0.0200	7.0
Heptachlor epoxide	18.24	18.18	18.32	0.0191	0.0200	4.5
4,4'-DDE	20.25	20.19	20.33	0.0400	0.0400	0.0
Endosulfan II	22.37	22.31	22.45	0.0374	0.0400	6.5
Endosulfan sulfate	23.88	23.82	23.96	0.0377	0.0400	5.8
Endrin ketone	26.53	26.47	26.61	0.0382	0.0400	4.5
Endrin aldehyde	23.46	23.40	23.54	0.0363	0.0400	9.2
alpha-Chlordane	19.37	19.30	19.44	0.0193	0.0200	3.5
gamma-Chlordane	18.82	18.75	18.89	0.0188	0.0200	6.0
Tetrachloro-m-xylene	9.82	9.77	9.87	0.0197	0.0200	1.5
Decachlorobiphenyl	32.27	32.18	32.38	0.0377	0.0400	5.8

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK07 Date Analyzed : 08/26/93
 Lab Sample ID (PIBLK): ICM3EB07 Time Analyzed : 0517
 EPA Sample No. (INDA): INDAM04 Date Analyzed : 08/26/93
 Lab Sample ID (INDA): ICM4CE04 Time Analyzed : 0603

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.46	12.41	12.51	0.0203	0.0200	1.5
gamma-BHC (Lindane)	13.92	13.87	13.97	0.0201	0.0200	0.5
Heptachlor	15.09	15.04	15.14	0.0204	0.0200	2.0
Endosulfan I	19.48	19.40	19.54	0.0191	0.0200	4.5
Dieldrin	20.52	20.45	20.59	0.0372	0.0400	7.0
Endrin	21.76	21.69	21.83	0.0400	0.0400	0.0
4,4'-DDD	22.14	22.09	22.23	0.0395	0.0400	1.2
4,4'-DDT	23.13	23.07	23.21	0.0354	0.0400	11.5
Methoxychlor	26.06	26.00	26.14	0.239	0.200	19.5
Tetrachloro-m-xylene	9.82	9.77	9.87	0.0213	0.0200	6.5
Decachlorobiphenyl	32.28	32.18	32.38	0.0356	0.0400	11.0

EPA Sample No. (INDB): INDBM04 Date Analyzed : 08/26/93
 Lab Sample ID (INDB): ICM5BF04 Time Analyzed : 0649

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	14.22	14.19	14.29	0.0205	0.0200	2.5
delta-BHC	15.54	15.51	15.61	0.0208	0.0200	4.0
Aldrin	16.27	16.22	16.32	0.0165	0.0200	17.5
Heptachlor epoxide	18.25	18.18	18.32	0.0204	0.0200	2.0
4,4'-DDE	20.24	20.19	20.33	0.0403	0.0400	0.8
Endosulfan II	22.37	22.31	22.45	0.0363	0.0400	9.2
Endosulfan sulfate	23.88	23.82	23.96	0.0376	0.0400	6.0
Endrin ketone	26.54	26.47	26.61	0.0374	0.0400	6.5
Endrin aldehyde	23.47	23.40	23.54	0.0368	0.0400	8.0
alpha-Chlordane	19.37	19.30	19.44	0.0207	0.0200	3.5
gamma-Chlordane	18.82	18.75	18.89	0.0215	0.0200	7.5
Tetrachloro-m-xylene	9.82	9.77	9.87	0.0212	0.0200	6.0
Decachlorobiphenyl	32.27	32.18	32.38	0.0360	0.0400	10.0

QC LIMITS: RPD of amounts in the Individual Mixes must be less than
or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK09 Date Analyzed : 08/27/93
 Lab Sample ID (PIBLK): ICM3EB09 Time Analyzed : 0241
 EPA Sample No. (INDA): INDAM05 Date Analyzed : 08/27/93
 Lab Sample ID (INDA): ICM4CE05 Time Analyzed : 0327

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.45	12.41	12.51	0.0202	0.0200	1.0
gamma-BHC (Lindane)	13.91	13.87	13.97	0.0200	0.0200	0.0
Heptachlor	15.08	15.04	15.14	0.0209	0.0200	4.5
Endosulfan I	19.47	19.40	19.54	0.0189	0.0200	5.5
Dieldrin	20.51	20.45	20.59	0.0383	0.0400	4.2
Endrin	21.75	21.69	21.83	0.0405	0.0400	1.2
4,4'-DDD	22.14	22.09	22.23	0.0416	0.0400	4.0
4,4'-DDT	23.13	23.07	23.21	0.0366	0.0400	8.5
Methoxychlor	26.05	26.00	26.14	0.221	0.200	10.5
Tetrachloro-m-xylene	9.82	9.77	9.87	0.0208	0.0200	4.0
Decachlorobiphenyl	32.27	32.18	32.38	0.0367	0.0400	8.2

EPA Sample No. (INDB): INDBM05 Date Analyzed : 08/27/93
 Lab Sample ID (INDB): ICM5BF05 Time Analyzed : 0413

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	14.22	14.19	14.29	0.0203	0.0200	1.5
delta-BHC	15.54	15.51	15.61	0.0207	0.0200	3.5
Aldrin	16.27	16.22	16.32	0.0182	0.0200	9.0
Heptachlor epoxide	18.25	18.18	18.32	0.0188	0.0200	6.0
4,4'-DDE	20.25	20.19	20.33	0.0426	0.0400	6.5
Endosulfan II	22.38	22.31	22.45	0.0368	0.0400	8.0
Endosulfan sulfate	23.88	23.82	23.96	0.0387	0.0400	3.2
Endrin ketone	26.53	26.47	26.61	0.0372	0.0400	7.0
Endrin aldehyde	23.46	23.40	23.54	0.0317	0.0400	20.8
alpha-Chlordane	19.37	19.30	19.44	0.0204	0.0200	2.0
gamma-Chlordane	18.82	18.75	18.89	0.0187	0.0200	6.5
Tetrachloro-m-xylene	9.82	9.77	9.87	0.0200	0.0200	0.0
Decachlorobiphenyl	32.27	32.18	32.38	0.0367	0.0400	8.2

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK11 Date Analyzed : 08/28/93
 Lab Sample ID (PIBLK): ICM3EB11 Time Analyzed : 0014
 EPA Sample No. (INDA): INDAM06 Date Analyzed : 08/28/93
 Lab Sample ID (INDA): ICM4CE06 Time Analyzed : 0100

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.43	12.41	12.51	0.0198	0.0200	1.0
gamma-BHC (Lindane)	13.89	13.87	13.97	0.0200	0.0200	0.0
Heptachlor	15.06	15.04	15.14	0.0197	0.0200	1.5
Endosulfan I	19.45	19.40	19.54	0.0214	0.0200	7.0
Dieldrin	20.49	20.45	20.59	0.0374	0.0400	6.5
Endrin	21.73	21.69	21.83	0.0445	0.0400	11.2
4,4'-DDD	22.12	22.09	22.23	0.0411	0.0400	2.8
4,4'-DDT	23.11	23.07	23.21	0.0476	0.0400	19.0
Methoxychlor	26.03	26.00	26.14	0.242	0.200	21.0
Tetrachloro-m-xylene	9.80	9.77	9.87	0.0223	0.0200	11.5
Decachlorobiphenyl	32.22	32.18	32.38	0.0384	0.0400	4.0

EPA Sample No. (INDB): INDBM06 Date Analyzed : 08/28/93
 Lab Sample ID (INDB): ICM5BF06 Time Analyzed : 0145

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	14.21	14.19	14.29	0.0214	0.0200	7.0
delta-BHC	15.52	15.51	15.61	0.0209	0.0200	4.5
Aldrin	16.24	16.22	16.32	0.0195	0.0200	2.5
Heptachlor epoxide	18.22	18.18	18.32	0.0196	0.0200	2.0
4,4'-DDE	20.23	20.19	20.33	0.0427	0.0400	6.8
Endosulfan II	22.35	22.31	22.45	0.0388	0.0400	3.0
Endosulfan sulfate	23.86	23.82	23.96	0.0399	0.0400	0.2
Endrin ketone	26.51	26.47	26.61	0.0402	0.0400	0.5
Endrin aldehyde	23.44	23.40	23.54	0.0370	0.0400	7.5
alpha-Chlordane	19.35	19.30	19.44	0.0198	0.0200	1.0
gamma-Chlordane	18.80	18.75	18.89	0.0194	0.0200	3.0
Tetrachloro-m-xylene	9.80	9.77	9.87	0.0201	0.0200	0.5
Decachlorobiphenyl	32.23	32.18	32.38	0.0393	0.0400	1.8

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK13 Date Analyzed : 08/28/93
 Lab Sample ID (PIBLK): ICM3EB13 Time Analyzed : 2137
 EPA Sample No. (INDA): INDAM07 Date Analyzed : 08/28/93
 Lab Sample ID (INDA): ICM4CE07 Time Analyzed : 2223

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.44	12.41	12.51	0.0200	0.0200	0.0
gamma-BHC (Lindane)	13.91	13.87	13.97	0.0198	0.0200	1.0
Heptachlor	15.08	15.04	15.14	0.0203	0.0200	1.5
Endosulfan I	19.46	19.40	19.54	0.0193	0.0200	3.5
Dieldrin	20.50	20.45	20.59	0.0378	0.0400	5.5
Endrin	21.74	21.69	21.83	0.0408	0.0400	2.0
4,4'-DDD	22.13	22.09	22.23	0.0433	0.0400	8.2
4,4'-DDT	23.12	23.07	23.21	0.0344	0.0400	14.0
Methoxychlor	26.05	26.00	26.14	0.210	0.200	5.0
Tetrachloro-m-xylene	9.81	9.77	9.87	0.0210	0.0200	5.0
Decachlorobiphenyl	32.26	32.18	32.38	0.0376	0.0400	6.0

EPA Sample No. (INDB): INDBM07 Date Analyzed : 08/28/93
 Lab Sample ID (INDB): ICM5BF07 Time Analyzed : 2308

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	14.22	14.19	14.29	0.0198	0.0200	1.0
delta-BHC	15.53	15.51	15.61	0.0202	0.0200	1.0
Aldrin	16.26	16.22	16.32	0.0193	0.0200	3.5
Heptachlor epoxide	18.24	18.18	18.32	0.0186	0.0200	7.0
4,4'-DDE	20.24	20.19	20.33	0.0392	0.0400	2.0
Endosulfan II	22.37	22.31	22.45	0.0371	0.0400	7.2
Endosulfan sulfate	23.88	23.82	23.96	0.0386	0.0400	3.5
Endrin ketone	26.53	26.47	26.61	0.0361	0.0400	9.8
Endrin aldehyde	23.46	23.40	23.54	0.0353	0.0400	11.8
alpha-Chlordane	19.36	19.30	19.44	0.0184	0.0200	8.0
gamma-Chlordane	18.81	18.75	18.89	0.0184	0.0200	8.0
Tetrachloro-m-xylene	9.81	9.77	9.87	0.0204	0.0200	2.0
Decachlorobiphenyl	32.26	32.18	32.38	0.0376	0.0400	6.0

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK16 Date Analyzed : 08/30/93
 Lab Sample ID (PIBLK): ICM3EB16 Time Analyzed : 2245
 EPA Sample No. (INDA): INDAM08 Date Analyzed : 08/30/93
 Lab Sample ID (INDA): ICM4CE08 Time Analyzed : 2331

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.42	12.41	12.51	0.0207	0.0200	3.5
gamma-BHC (Lindane)	13.88	13.87	13.97	0.0207	0.0200	3.5
Heptachlor	15.05	15.04	15.14	0.0208	0.0200	4.0
Endosulfan I	19.44	19.40	19.54	0.0201	0.0200	0.5
Dieldrin	20.48	20.45	20.59	0.0405	0.0400	1.2
Endrin	21.72	21.69	21.83	0.0427	0.0400	6.8
4,4'-DDD	22.11	22.09	22.23	0.0445	0.0400	11.2
4,4'-DDT	23.10	23.07	23.21	0.0383	0.0400	4.2
Methoxychlor	26.02	26.00	26.14	0.217	0.200	8.5
Tetrachloro-m-xylene	9.79	9.77	9.87	0.0208	0.0200	4.0
Decachlorobiphenyl	32.20	32.18	32.38	0.0409	0.0400	2.2

EPA Sample No. (INDB): INDBM08 Date Analyzed : 08/31/93
 Lab Sample ID (INDB): ICM5BF08 Time Analyzed : 0017

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	14.20	14.19	14.29	0.0216	0.0200	8.0
delta-BHC	15.51	15.51	15.61	0.0208	0.0200	4.0
Aldrin	16.23	16.22	16.32	0.0201	0.0200	0.5
Heptachlor epoxide	18.21	18.18	18.32	0.0196	0.0200	2.0
4,4'-DDE	20.22	20.19	20.33	0.0419	0.0400	4.8
Endosulfan II	22.34	22.31	22.45	0.0394	0.0400	1.5
Endosulfan sulfate	23.85	23.82	23.96	0.0414	0.0400	3.5
Endrin ketone	26.49	26.47	26.61	0.0398	0.0400	0.5
Endrin aldehyde	23.43	23.40	23.54	0.0360	0.0400	10.0
alpha-Chlordane	19.34	19.30	19.44	0.0196	0.0200	2.0
gamma-Chlordane	18.79	18.75	18.89	0.0195	0.0200	2.5
Tetrachloro-m-xylene	9.79	9.77	9.87	0.0208	0.0200	4.0
Decachlorobiphenyl	32.20	32.18	32.38	0.0404	0.0400	1.0

QC LIMITS: RPD of amounts in the Individual Mixes must be less than
or equal to 25.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK18 Date Analyzed : 08/31/93
 Lab Sample ID (PIBLK): ICM3EB18 Time Analyzed : 2010
 EPA Sample No. (INDA): INDAM09 Date Analyzed : 08/31/93
 Lab Sample ID (INDA): ICM4CE09 Time Analyzed : 2056

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.42	12.41	12.51	0.0201	0.0200	0.5
gamma-BHC (Lindane)	13.89	13.87	13.97	0.0201	0.0200	0.5
Heptachlor	15.05	15.04	15.14	0.0205	0.0200	2.5
Endosulfan I	19.44	19.40	19.54	0.0199	0.0200	0.5
Dieldrin	20.48	20.45	20.59	0.0398	0.0400	0.5
Endrin	21.72	21.69	21.83	0.0415	0.0400	3.8
4,4'-DDD	22.12	22.09	22.23	0.0429	0.0400	7.2
4,4'-DDT	23.10	23.07	23.21	0.0367	0.0400	8.2
Methoxychlor	26.02	26.00	26.14	0.214	0.200	7.0
Tetrachloro-m-xylene	9.80	9.77	9.87	0.0204	0.0200	2.0
Decachlorobiphenyl	32.21	32.18	32.38	0.0402	0.0400	0.5

EPA Sample No. (INDB): INDBM09 Date Analyzed : 08/31/93
 Lab Sample ID (INDB): ICM5BF09 Time Analyzed : 2142

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	14.21	14.19	14.29	0.0209	0.0200	4.5
delta-BHC	15.52	15.51	15.61	0.0202	0.0200	1.0
Aldrin	16.23	16.22	16.32	0.0199	0.0200	0.5
Heptachlor epoxide	18.22	18.18	18.32	0.0197	0.0200	1.5
4,4'-DDE	20.23	20.19	20.33	0.0410	0.0400	2.5
Endosulfan II	22.35	22.31	22.45	0.0391	0.0400	2.2
Endosulfan sulfate	23.86	23.82	23.96	0.0407	0.0400	1.8
Endrin ketone	26.50	26.47	26.61	0.0395	0.0400	1.2
Endrin aldehyde	23.44	23.40	23.54	0.0388	0.0400	3.0
alpha-Chlordane	19.34	19.30	19.44	0.0195	0.0200	2.5
gamma-Chlordane	18.79	18.75	18.89	0.0194	0.0200	3.0
Tetrachloro-m-xylene	9.80	9.77	9.87	0.0199	0.0200	0.5
Decachlorobiphenyl	32.22	32.18	32.38	0.0402	0.0400	0.5

QC LIMITS: RPD of amounts in the Individual Mixes must be less than
 or equal to 25.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK20 Date Analyzed : 09/01/93
 Lab Sample ID (PIBLK): ICM3EB20 Time Analyzed : 1648
 EPA Sample No. (INDA): INDAM10 Date Analyzed : 09/01/93
 Lab Sample ID (INDA): ICM4CE10 Time Analyzed : 1734

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	12.42	12.41	12.51	0.0204	0.0200	2.0
gamma-BHC (Lindane)	13.88	13.87	13.97	0.0203	0.0200	1.5
Heptachlor	15.05	15.04	15.14	0.0206	0.0200	3.0
Endosulfan I	19.44	19.40	19.54	0.0200	0.0200	0.0
Dieldrin	20.48	20.45	20.59	0.0386	0.0400	3.5
Endrin	21.72	21.69	21.83	0.0405	0.0400	1.2
4,4'-DDD	22.11	22.09	22.23	0.0440	0.0400	10.0
4,4'-DDT	23.10	23.07	23.21	0.0344	0.0400	14.0
Methoxychlor	26.02	26.00	26.14	0.239	0.200	19.5
Tetrachloro-m-xylene	9.79	9.77	9.87	0.0206	0.0200	3.0
Decachlorobiphenyl	32.20	32.18	32.38	0.0372	0.0400	7.0

EPA Sample No. (INDB): INDBM10 Date Analyzed : 09/01/93
 Lab Sample ID (INDB): ICM5BF10 Time Analyzed : 2034

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	14.22	14.19	14.29	0.0196	0.0200	2.0
delta-BHC	15.54	15.51	15.61	0.0202	0.0200	1.0
Aldrin	16.26	16.22	16.32	0.0189	0.0200	5.5
Heptachlor epoxide	18.24	18.18	18.32	0.0180	0.0200	10.0
4,4'-DDE	20.24	20.19	20.33	0.0408	0.0400	2.0
Endosulfan II	22.37	22.31	22.45	0.0351	0.0400	12.2
Endosulfan sulfate	23.88	23.82	23.96	0.0379	0.0400	5.2
Endrin ketone	26.53	26.47	26.61	0.0362	0.0400	9.5
Endrin aldehyde	23.46	23.40	23.54	0.0360	0.0400	10.0
alpha-Chlordane	19.36	19.30	19.44	0.0188	0.0200	6.0
gamma-Chlordane	18.82	18.75	18.89	0.0190	0.0200	5.0
Tetrachloro-m-xylene	9.82	9.77	9.87	0.0200	0.0200	0.0
Decachlorobiphenyl	32.25	32.18	32.38	0.0362	0.0400	9.5

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK03 Date Analyzed : 08/24/93
 Lab Sample ID (PIBLK): ICM3EB03 Time Analyzed : 0958
 EPA Sample No. (INDA): INDAM02 Date Analyzed : 08/24/93
 Lab Sample ID (INDA): ICM4CE02 Time Analyzed : 1044

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.02	13.98	14.08	0.0201	0.0200	0.5
gamma-BHC (Lindane)	15.44	15.40	15.50	0.0201	0.0200	0.5
Heptachlor	16.25	16.21	16.31	0.0203	0.0200	1.5
Endosulfan I	20.42	20.36	20.50	0.0202	0.0200	1.0
Dieldrin	21.60	21.54	21.68	0.0405	0.0400	1.2
Endrin	22.28	22.23	22.37	0.0408	0.0400	2.0
4,4'-DDD	23.47	23.42	23.56	0.0402	0.0400	0.5
4,4'-DDT	24.04	23.98	24.12	0.0420	0.0400	5.0
Methoxychlor	25.94	25.87	26.01	0.207	0.200	3.5
Tetrachloro-m-xylene	10.75	10.71	10.81	0.0201	0.0200	0.5
Decachlorobiphenyl	31.73	31.66	31.86	0.0406	0.0400	1.5

EPA Sample No. (INDB): INDBM02 Date Analyzed : 08/24/93
 Lab Sample ID (INDB): ICM5BF02 Time Analyzed : 1130

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	17.86	17.82	17.92	0.0199	0.0200	0.5
delta-BHC	18.75	18.72	18.82	0.0198	0.0200	1.0
Aldrin	17.24	17.21	17.31	0.0200	0.0200	0.0
Heptachlor epoxide	19.46	19.41	19.55	0.0202	0.0200	1.0
4,4'-DDE	20.97	20.92	21.06	0.0395	0.0400	1.2
Endosulfan II	23.77	23.71	23.85	0.0402	0.0400	0.5
Endosulfan sulfate	26.07	26.02	26.16	0.0400	0.0400	0.0
Endrin ketone	27.73	27.68	27.82	0.0402	0.0400	0.5
Endrin aldehyde	25.04	24.99	25.13	0.0400	0.0400	0.0
alpha-Chlordane	20.71	20.65	20.79	0.0200	0.0200	0.0
gamma-Chlordane	20.52	20.47	20.61	0.0200	0.0200	0.0
Tetrachloro-m-xylene	10.75	10.71	10.81	0.0200	0.0200	0.0
Decachlorobiphenyl	31.72	31.66	31.86	0.0406	0.0400	1.5

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK05 Date Analyzed : 08/25/93
 Lab Sample ID (PIBLK): ICM3EB05 Time Analyzed : 0637
 EPA Sample No. (INDA): INDAM03 Date Analyzed : 08/25/93
 Lab Sample ID (INDA): ICM4CE03 Time Analyzed : 0723

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.03	13.98	14.08	0.0203	0.0200	1.5
gamma-BHC (Lindane)	15.45	15.40	15.50	0.0203	0.0200	1.5
Heptachlor	16.27	16.21	16.31	0.0202	0.0200	1.0
Endosulfan I	20.43	20.36	20.50	0.0220	0.0200	10.0
Dieldrin	21.61	21.54	21.68	0.0403	0.0400	0.8
Endrin	22.30	22.23	22.37	0.0424	0.0400	6.0
4,4'-DDD	23.49	23.42	23.56	0.0406	0.0400	1.5
4,4'-DDT	24.06	23.98	24.12	0.0424	0.0400	6.0
Methoxychlor	25.95	25.87	26.01	0.221	0.200	10.5
Tetrachloro-m-xylene	10.76	10.71	10.81	0.0203	0.0200	1.5
Decachlorobiphenyl	31.76	31.66	31.86	0.0406	0.0400	1.5

EPA Sample No. (INDB): INDBM03 Date Analyzed : 08/25/93
 Lab Sample ID (INDB): ICM5BF03 Time Analyzed : 0810

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	17.87	17.82	17.92	0.0201	0.0200	0.5
delta-BHC	18.76	18.72	18.82	0.0200	0.0200	0.0
Aldrin	17.26	17.21	17.31	0.0199	0.0200	0.5
Heptachlor epoxide	19.48	19.41	19.55	0.0186	0.0200	7.0
4,4'-DDE	20.99	20.92	21.06	0.0409	0.0400	2.2
Endosulfan II	23.78	23.71	23.85	0.0402	0.0400	0.5
Endosulfan sulfate	26.09	26.02	26.16	0.0403	0.0400	0.8
Endrin ketone	27.74	27.68	27.82	0.0402	0.0400	0.5
Endrin aldehyde	25.06	24.99	25.13	0.0393	0.0400	1.8
alpha-Chlordane	20.72	20.65	20.79	0.0197	0.0200	1.5
gamma-Chlordane	20.54	20.47	20.61	0.0197	0.0200	1.5
Tetrachloro-m-xylene	10.76	10.71	10.81	0.0201	0.0200	0.5
Decachlorobiphenyl	31.75	31.66	31.86	0.0406	0.0400	1.5

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK07 Date Analyzed : 08/26/93
 Lab Sample ID (PIBLK): ICM3EB07 Time Analyzed : 0517
 EPA Sample No. (INDA): INDAM04 Date Analyzed : 08/26/93
 Lab Sample ID (INDA): ICM4CE04 Time Analyzed : 0603

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.04	13.98	14.08	0.0203	0.0200	1.5
gamma-BHC (Lindane)	15.46	15.40	15.50	0.0201	0.0200	0.5
Heptachlor	16.27	16.21	16.31	0.0198	0.0200	1.0
Endosulfan I	20.44	20.36	20.50	0.0220	0.0200	10.0
Dieldrin	21.62	21.54	21.68	0.0395	0.0400	1.2
Endrin	22.30	22.23	22.37	0.0414	0.0400	3.5
4,4'-DDD	23.49	23.42	23.56	0.0412	0.0400	3.0
4,4'-DDT	24.06	23.98	24.12	0.0403	0.0400	0.8
Methoxychlor	25.95	25.87	26.01	0.214	0.200	7.0
Tetrachloro-m-xylene	10.77	10.71	10.81	0.0205	0.0200	2.5
Decachlorobiphenyl	31.76	31.66	31.86	0.0402	0.0400	0.5

EPA Sample No. (INDB): INDBM04 Date Analyzed : 08/26/93
 Lab Sample ID (INDB): ICM5BF04 Time Analyzed : 0649

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	17.87	17.82	17.92	0.0199	0.0200	0.5
delta-BHC	18.76	18.72	18.82	0.0198	0.0200	1.0
Aldrin	17.26	17.21	17.31	0.0197	0.0200	1.5
Heptachlor epoxide	19.48	19.41	19.55	0.0168	0.0200	16.0
4,4'-DDE	20.99	20.92	21.06	0.0408	0.0400	2.0
Endosulfan II	23.79	23.71	23.85	0.0398	0.0400	0.5
Endosulfan sulfate	26.09	26.02	26.16	0.0402	0.0400	0.5
Endrin ketone	27.75	27.68	27.82	0.0409	0.0400	2.2
Endrin aldehyde	25.06	24.99	25.13	0.0389	0.0400	2.8
alpha-Chlordane	20.72	20.65	20.79	0.0193	0.0200	3.5
gamma-Chlordane	20.54	20.47	20.61	0.0192	0.0200	4.0
Tetrachloro-m-xylene	10.76	10.71	10.81	0.0204	0.0200	2.0
Decachlorobiphenyl	31.76	31.66	31.86	0.0404	0.0400	1.0

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK09 Date Analyzed : 08/27/93
 Lab Sample ID (PIBLK): ICM3EB09 Time Analyzed : 0241
 EPA Sample No. (INDA): INDAM05 Date Analyzed : 08/27/93
 Lab Sample ID (INDA): ICM4CE05 Time Analyzed : 0327

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.03	13.98	14.08	0.0201	0.0200	0.5
gamma-BHC (Lindane)	15.45	15.40	15.50	0.0201	0.0200	0.5
Heptachlor	16.26	16.21	16.31	0.0198	0.0200	1.0
Endosulfan I	20.43	20.36	20.50	0.0197	0.0200	1.5
Dieldrin	21.61	21.54	21.68	0.0398	0.0400	0.5
Endrin	22.29	22.23	22.37	0.0416	0.0400	4.0
4,4'-DDD	23.48	23.42	23.56	0.0424	0.0400	6.0
4,4'-DDT	24.05	23.98	24.12	0.0398	0.0400	0.5
Methoxychlor	25.95	25.87	26.01	0.223	0.200	11.5
Tetrachloro-m-xylene	10.76	10.71	10.81	0.0201	0.0200	0.5
Decachlorobiphenyl	31.75	31.66	31.86	0.0404	0.0400	1.0

EPA Sample No. (INDB): INDBM05 Date Analyzed : 08/27/93
 Lab Sample ID (INDB): ICM5BF05 Time Analyzed : 0413

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	17.87	17.82	17.92	0.0195	0.0200	2.5
delta-BHC	18.76	18.72	18.82	0.0196	0.0200	2.0
Aldrin	17.26	17.21	17.31	0.0194	0.0200	3.0
Heptachlor epoxide	19.48	19.41	19.55	0.0180	0.0200	10.0
4,4'-DDE	20.99	20.92	21.06	0.0413	0.0400	3.2
Endosulfan II	23.78	23.71	23.85	0.0396	0.0400	1.0
Endosulfan sulfate	26.08	26.02	26.16	0.0398	0.0400	0.5
Endrin ketone	27.74	27.68	27.82	0.0394	0.0400	1.5
Endrin aldehyde	25.05	24.99	25.13	0.0321	0.0400	19.8
alpha-Chlordane	20.72	20.65	20.79	0.0192	0.0200	4.0
gamma-Chlordane	20.54	20.47	20.61	0.0192	0.0200	4.0
Tetrachloro-m-xylene	10.76	10.71	10.81	0.0197	0.0200	1.5
Decachlorobiphenyl	31.75	31.66	31.86	0.0401	0.0400	0.2

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E
 PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK11 Date Analyzed : 08/28/93
 Lab Sample ID (PIBLK): ICM3EB11 Time Analyzed : 0014
 EPA Sample No. (INDA): INDAM06 Date Analyzed : 08/28/93
 Lab Sample ID (INDA): ICM4CE06 Time Analyzed : 0100

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.00	13.98	14.08	0.0196	0.0200	2.0
gamma-BHC (Lindane)	15.43	15.40	15.50	0.0196	0.0200	2.0
Heptachlor	16.24	16.21	16.31	0.0187	0.0200	6.5
Endosulfan I	20.41	20.36	20.50	0.0297	0.0200	48.5
Dieldrin	21.59	21.54	21.68	0.0376	0.0400	6.0
Endrin	22.27	22.23	22.37	0.0435	0.0400	8.8
4,4'-DDD	23.46	23.42	23.56	0.0382	0.0400	4.5
4,4'-DDT	24.03	23.98	24.12	0.0482	0.0400	20.5
Methoxychlor	25.92	25.87	26.01	0.231	0.200	15.5
Tetrachloro-m-xylene	10.74	10.71	10.81	0.0202	0.0200	1.0
Decachlorobiphenyl	31.71	31.66	31.86	0.0399	0.0400	0.2

EPA Sample No. (INDB): INDBM06 Date Analyzed : 08/28/93
 Lab Sample ID (INDB): ICM5BF06 Time Analyzed : 0145

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	17.85	17.82	17.92	0.0198	0.0200	1.0
delta-BHC	18.74	18.72	18.82	0.0200	0.0200	0.0
Aldrin	17.24	17.21	17.31	0.0199	0.0200	0.5
Heptachlor epoxide	19.45	19.41	19.55	0.0191	0.0200	4.5
4,4'-DDE	20.97	20.92	21.06	0.0414	0.0400	3.5
Endosulfan II	23.76	23.71	23.85	0.0404	0.0400	1.0
Endosulfan sulfate	26.06	26.02	26.16	0.0405	0.0400	1.2
Endrin ketone	27.71	27.68	27.82	0.0404	0.0400	1.0
Endrin aldehyde	25.03	24.99	25.13	0.0370	0.0400	7.5
alpha-Chlordane	20.70	20.65	20.79	0.0197	0.0200	1.5
gamma-Chlordane	20.52	20.47	20.61	0.0197	0.0200	1.5
Tetrachloro-m-xylene	10.75	10.71	10.81	0.0199	0.0200	0.5
Decachlorobiphenyl	31.72	31.66	31.86	0.0409	0.0400	2.2

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK13 Date Analyzed : 08/28/93
 Lab Sample ID (PIBLK): ICM3EB13 Time Analyzed : 2137
 EPA Sample No. (INDA): INDAM07 Date Analyzed : 08/28/93
 Lab Sample ID (INDA): ICM4CE07 Time Analyzed : 2223

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	14.02	13.98	14.08	0.0199	0.0200	0.5
gamma-BHC (Lindane)	15.44	15.40	15.50	0.0198	0.0200	1.0
Heptachlor	16.26	16.21	16.31	0.0193	0.0200	3.5
Endosulfan I	20.42	20.36	20.50	0.0209	0.0200	4.5
Dieldrin	21.60	21.54	21.68	0.0394	0.0400	1.5
Endrin	22.29	22.23	22.37	0.0414	0.0400	3.5
4,4'-DDD	23.47	23.42	23.56	0.0444	0.0400	11.0
4,4'-DDT	24.04	23.98	24.12	0.0365	0.0400	8.8
Methoxychlor	25.94	25.87	26.01	0.198	0.200	1.0
Tetrachloro-m-xylene	10.76	10.71	10.81	0.0201	0.0200	0.5
Decachlorobiphenyl	31.74	31.66	31.86	0.0403	0.0400	0.8

EPA Sample No. (INDB): INDBM07 Date Analyzed : 08/28/93
 Lab Sample ID (INDB): ICM5BF07 Time Analyzed : 2308

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	17.86	17.82	17.92	0.0192	0.0200	4.0
delta-BHC	18.75	18.72	18.82	0.0194	0.0200	3.0
Aldrin	17.25	17.21	17.31	0.0193	0.0200	3.5
Heptachlor epoxide	19.47	19.41	19.55	0.0191	0.0200	4.5
4,4'-DDE	20.98	20.92	21.06	0.0405	0.0400	1.2
Endosulfan II	23.77	23.71	23.85	0.0397	0.0400	0.8
Endosulfan sulfate	26.07	26.02	26.16	0.0400	0.0400	0.0
Endrin ketone	27.73	27.68	27.82	0.0390	0.0400	2.5
Endrin aldehyde	25.04	24.99	25.13	0.0357	0.0400	10.8
alpha-Chlordane	20.71	20.65	20.79	0.0192	0.0200	4.0
gamma-Chlordane	20.53	20.47	20.61	0.0191	0.0200	4.5
Tetrachloro-m-xylene	10.76	10.71	10.81	0.0199	0.0200	0.5
Decachlorobiphenyl	31.74	31.66	31.86	0.0401	0.0400	0.2

QC LIMITS: RPD of amounts in the Individual Mixes must be less than
 or equal to 25.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK16 Date Analyzed : 08/30/93
 Lab Sample ID (PIBLK): ICM3EB16 Time Analyzed : 2245
 EPA Sample No. (INDA): INDAM08 Date Analyzed : 08/30/93
 Lab Sample ID (INDA): ICM4CE08 Time Analyzed : 2331

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	13.99	13.98	14.08	0.0205	0.0200	2.5
gamma-BHC (Lindane)	15.41	15.40	15.50	0.0206	0.0200	3.0
Heptachlor	16.23	16.21	16.31	0.0201	0.0200	0.5
Endosulfan I	20.40	20.36	20.50	0.0204	0.0200	2.0
Dieldrin	21.57	21.54	21.68	0.0412	0.0400	3.0
Endrin	22.26	22.23	22.37	0.0420	0.0400	5.0
4,4'-DDD	23.45	23.42	23.56	0.0435	0.0400	8.8
4,4'-DDT	24.02	23.98	24.12	0.0406	0.0400	1.5
Methoxychlor	25.91	25.87	26.01	0.205	0.200	2.5
Tetrachloro-m-xylene	10.74	10.71	10.81	0.0204	0.0200	2.0
Decachlorobiphenyl	31.68	31.66	31.86	0.0407	0.0400	1.8

EPA Sample No. (INDB): INDBM08 Date Analyzed : 08/31/93
 Lab Sample ID (INDB): ICM5BF08 Time Analyzed : 0017

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	17.83	17.82	17.92	0.0196	0.0200	2.0
delta-BHC	18.72	18.72	18.82	0.0198	0.0200	1.0
Aldrin	17.22	17.21	17.31	0.0199	0.0200	0.5
Heptachlor epoxide	19.44	19.41	19.55	0.0198	0.0200	1.0
4,4'-DDE	20.95	20.92	21.06	0.0407	0.0400	1.8
Endosulfan II	23.74	23.71	23.85	0.0403	0.0400	0.8
Endosulfan sulfate	26.04	26.02	26.16	0.0401	0.0400	0.2
Endrin ketone	27.68	27.68	27.82	0.0397	0.0400	0.8
Endrin aldehyde	25.01	24.99	25.13	0.0354	0.0400	11.5
alpha-Chlordane	20.69	20.65	20.79	0.0198	0.0200	1.0
gamma-Chlordane	20.50	20.47	20.61	0.0197	0.0200	1.5
Tetrachloro-m-xylene	10.74	10.71	10.81	0.0199	0.0200	0.5
Decachlorobiphenyl	31.68	31.66	31.86	0.0407	0.0400	1.8

QC LIMITS: RPD of amounts in the Individual Mixes must be less than
 or equal to 25.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK18 Date Analyzed : 08/31/93
 Lab Sample ID (PIBLK): ICM3EB18 Time Analyzed : 2010
 EPA Sample No. (INDA): INDAM09 Date Analyzed : 08/31/93
 Lab Sample ID (INDA): ICM4CE09 Time Analyzed : 2056

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	13.99	13.98	14.08	0.0201	0.0200	0.5
gamma-BHC (Lindane)	15.41	15.40	15.50	0.0202	0.0200	1.0
Heptachlor	16.23	16.21	16.31	0.0199	0.0200	0.5
Endosulfan I	20.40	20.36	20.50	0.0202	0.0200	1.0
Dieldrin	21.57	21.54	21.68	0.0406	0.0400	1.5
Endrin	22.26	22.23	22.37	0.0399	0.0400	0.2
4,4'-DDD	23.45	23.42	23.56	0.0424	0.0400	6.0
4,4'-DDT	24.02	23.98	24.12	0.0393	0.0400	1.8
Methoxychlor	25.91	25.87	26.01	0.200	0.200	0.0
Tetrachloro-m-xylene	10.74	10.71	10.81	0.0201	0.0200	0.5
Decachlorobiphenyl	31.69	31.66	31.86	0.0402	0.0400	0.5

EPA Sample No. (INDB): INDBM09 Date Analyzed : 08/31/93
 Lab Sample ID (INDB): ICM5BF09 Time Analyzed : 2142

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	17.83	17.82	17.92	0.0194	0.0200	3.0
delta-BHC	18.72	18.72	18.82	0.0196	0.0200	2.0
Aldrin	17.23	17.21	17.31	0.0199	0.0200	0.5
Heptachlor epoxide	19.44	19.41	19.55	0.0196	0.0200	2.0
4,4'-DDE	20.95	20.92	21.06	0.0399	0.0400	0.2
Endosulfan II	23.75	23.71	23.85	0.0401	0.0400	0.2
Endosulfan sulfate	26.04	26.02	26.16	0.0398	0.0400	0.5
Endrin ketone	27.69	27.68	27.82	0.0394	0.0400	1.5
Endrin aldehyde	25.02	24.99	25.13	0.0384	0.0400	4.0
alpha-Chlordane	20.69	20.65	20.79	0.0197	0.0200	1.5
gamma-Chlordane	20.51	20.47	20.61	0.0197	0.0200	1.5
Tetrachloro-m-xylene	10.74	10.71	10.81	0.0196	0.0200	2.0
Decachlorobiphenyl	31.70	31.66	31.86	0.0402	0.0400	0.5

QC LIMITS: RPD of amounts in the Individual Mixes must be less than
or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No. (PIBLK): PIBLK20 Date Analyzed : 09/01/93
 Lab Sample ID (PIBLK): ICM3EB20 Time Analyzed : 1648
 EPA Sample No. (INDA): INDAM10 Date Analyzed : 09/01/93
 Lab Sample ID (INDA): ICM4CE10 Time Analyzed : 1734

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	13.99	13.98	14.08	0.0205	0.0200	2.5
gamma-BHC (Lindane)	15.41	15.40	15.50	0.0204	0.0200	2.0
Heptachlor	16.23	16.21	16.31	0.0198	0.0200	1.0
Endosulfan I	20.40	20.36	20.50	0.0238	0.0200	19.0
Dieldrin	21.57	21.54	21.68	0.0406	0.0400	1.5
Endrin	22.26	22.23	22.37	0.0415	0.0400	3.8
4,4'-DDD	23.44	23.42	23.56	0.0454	0.0400	13.5
4,4'-DDT	24.02	23.98	24.12	0.0392	0.0400	2.0
Methoxychlor	25.90	25.87	26.01	0.201	0.200	0.5
Tetrachloro-m-xylene	10.74	10.71	10.81	0.0205	0.0200	2.5
Decachlorobiphenyl	31.69	31.66	31.86	0.0410	0.0400	2.5

EPA Sample No. (INDB): INDBM10 Date Analyzed : 09/01/93
 Lab Sample ID (INDB): ICM5BF10 Time Analyzed : 2034

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	17.84	17.82	17.92	0.0192	0.0200	4.0
delta-BHC	18.74	18.72	18.82	0.0194	0.0200	3.0
Aldrin	17.24	17.21	17.31	0.0190	0.0200	5.0
Heptachlor epoxide	19.46	19.41	19.55	0.0183	0.0200	8.5
4,4'-DDE	20.97	20.92	21.06	0.0406	0.0400	1.5
Endosulfan II	23.76	23.71	23.85	0.0426	0.0400	6.5
Endosulfan sulfate	26.05	26.02	26.16	0.0391	0.0400	2.2
Endrin ketone	27.71	27.68	27.82	0.0388	0.0400	3.0
Endrin aldehyde	25.03	24.99	25.13	0.0377	0.0400	5.8
alpha-Chlordane	20.70	20.65	20.79	0.0191	0.0200	4.5
gamma-Chlordane	20.52	20.47	20.61	0.0190	0.0200	5.0
Tetrachloro-m-xylene	10.75	10.71	10.81	0.0195	0.0200	2.5
Decachlorobiphenyl	31.73	31.66	31.86	0.0395	0.0400	1.2

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7F

PESTICIDE CONTINUING CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No.: AR125402 Date Analyzed: 08/28/93
 Lab Sample No.: ICM54DA02 Time Analyzed: 1313

COMPOUND	PEAK	RT	RT WINDOW		CALC AMOUNT	NOM AMOUNT	RPD
			FROM	TO			
=====	=====	=====	=====	=====	=====	=====	=====
Toxaphene	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1016	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1221	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1232	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1242	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1248	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1254	*1	18.80	18.74	18.88	0.114	0.100	14.0
	*2	19.02	18.97	19.11	0.113	0.100	13.0
	*3	19.27	19.23	19.37	0.134	0.100	34.0
	4						
	5						
Aroclor 1260	*1						
	*2						
	*3						
	4						
	5						

* Denotes required peaks

THIS IS NOT A DELIVERABLE

PESTICIDE CONTINUING CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No.: AR124202 Date Analyzed: 08/28/93
 Lab Sample No.: ICM42CG02 Time Analyzed: 1358

COMPOUND	PEAK	RT	RT WINDOW		CALC AMOUNT	NOM AMOUNT	RPD
			FROM	TO			
Toxaphene	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1016	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1221	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1232	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1242	*1	12.30	12.26	12.40	0.144	0.100	44.0
	*2	13.83	13.78	13.92	0.120	0.100	20.0
	*3	15.18	15.14	15.28	0.129	0.100	29.0
	4						
	5						
Aroclor 1248	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1254	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1260	*1						
	*2						
	*3						
	4						
	5						

* Denotes required peaks

THIS IS NOT A DELIVERABLE

PESTICIDE CONTINUING CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No.: AR124802 Date Analyzed: 08/28/93
 Lab Sample No.: ICM48DL02 Time Analyzed: 1444

COMPOUND	PEAK	RT	RT WINDOW		CALC AMOUNT	NOM AMOUNT	RPD
			FROM	TO			
----- Toxaphene	*1 *2 *3 4 5						
Aroclor 1016	*1 *2 *3 4 5						
Aroclor 1221	*1 *2 *3 4 5						
Aroclor 1232	*1 *2 *3 4 5						
Aroclor 1242	*1 *2 *3 4 5						
Aroclor 1248	*1 *2 *3 4 5	16.28	16.23	16.37	0.0874	0.100	12.6
		17.42	17.37	17.51	0.105	0.100	5.0
		17.85	17.80	17.94	0.103	0.100	3.0
Aroclor 1254	*1 *2 *3 4 5						
Aroclor 1260	*1 *2 *3 4 5						

* Denotes required peaks

THIS IS NOT A DELIVERABLE

PESTICIDE CONTINUING CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No.: AR166002 Date Analyzed: 08/28/93
 Lab Sample No.: ICM66DA02 Time Analyzed: 1530

COMPOUND	PEAK	RT	RT WINDOW		CALC AMOUNT	NOM AMOUNT	RPD
			FROM	TO			
=====	=====	=====	=====	=====	=====	=====	=====
Toxaphene	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1016	*1	12.30	12.25	12.39	0.135	0.100	35.0
	*2	13.83	13.78	13.92	0.116	0.100	16.0
	*3	15.17	15.14	15.28	0.122	0.100	22.0
	4						
	5						
Aroclor 1221	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1232	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1242	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1248	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1254	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1260	*1	20.75	20.71	20.85	0.106	0.100	6.0
	*2	21.36	21.31	21.45	0.107	0.100	7.0
	*3	21.65	21.61	21.75	0.105	0.100	5.0
	4						
	5						

* Denotes required peaks

THIS IS NOT A DELIVERABLE

PESTICIDE CONTINUING CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No.: AR125402 Date Analyzed: 08/28/93
 Lab Sample No.: ICM54DA02 Time Analyzed: 1313

COMPOUND	PEAK	RT	RT WINDOW		CALC AMOUNT	NOM AMOUNT	RPD
			FROM	TO			
=====	=====	=====	=====	=====	=====	=====	=====
Toxaphene	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1016	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1221	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1232	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1242	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1248	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1254	*1	19.19	19.13	19.27	0.115	0.100	15.0
	*2	19.78	19.72	19.86	0.112	0.100	12.0
	*3	21.25	21.19	21.33	0.120	0.100	20.0
	4						
	5						
Aroclor 1260	*1						
	*2						
	*3						
	4						
	5						

* Denotes required peaks

THIS IS NOT A DELIVERABLE

7F

PESTICIDE CONTINUING CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No.: AR124202 Date Analyzed: 08/28/93
 Lab Sample No.: ICM42CG02 Time Analyzed: 1358

COMPOUND	PEAK	RT	RT WINDOW		CALC AMOUNT	NOM AMOUNT	RPD
			FROM	TO			
Toxaphene	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1016	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1221	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1232	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1242	*1	12.91	12.85	12.99	0.108	0.100	8.0
	*2	14.28	14.22	14.36	0.107	0.100	7.0
	*3	15.91	15.85	15.99	0.114	0.100	14.0
	4						
	5						
Aroclor 1248	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1254	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1260	*1						
	*2						
	*3						
	4						
	5						

* Denotes required peaks

THIS IS NOT A DELIVERABLE

7F

PESTICIDE CONTINUING CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: RECRA ENVIRONContract: C002412Lab Code: RECNYCase No.: RA093

SAS No.: _____

SDG No.: 81393GC Column: DB1701 ID: 0.53(mm)Init. Calib. Date(s): 08/23/93 08/24/93EPA Sample No.: AR124802Date Analyzed: 08/28/93Lab Sample No.: ICM48DL02Time Analyzed: 1444

COMPOUND	PEAK	RT	RT WINDOW		CALC AMOUNT	NOM AMOUNT	RPD
			FROM	TO			
Toxaphene	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1016	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1221	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1232	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1242	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1248	*1	17.02	16.96	17.10	0.106	0.100	6.0
	*2	17.09	17.03	17.17	0.109	0.100	9.0
	*3	17.88	17.82	17.96	0.114	0.100	14.0
	4						
	5						
Aroclor 1254	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1260	*1						
	*2						
	*3						
	4						
	5						

* Denotes required peaks

THIS IS NOT A DELIVERABLE

PESTICIDE CONTINUING CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 EPA Sample No.: AR166002 Date Analyzed: 08/28/93
 Lab Sample No.: ICM66DA02 Time Analyzed: 1530

COMPOUND	PEAK	RT	RT WINDOW		CALC AMOUNT	NOM AMOUNT	RPD
			FROM	TO			
=====	=====	=====	=====	=====	=====	=====	=====
Toxaphene	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1016	*1	12.91	12.85	12.99	0.108	0.100	8.0
	*2	14.28	14.22	14.36	0.113	0.100	13.0
	*3	15.91	15.85	15.99	0.112	0.100	12.0
	4						
	5						
Aroclor 1221	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1232	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1242	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1248	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1254	*1						
	*2						
	*3						
	4						
	5						
Aroclor 1260	*1	25.56	25.51	25.65	0.112	0.100	12.0
	*2	26.60	26.55	26.69	0.115	0.100	15.0
	*3	26.83	26.78	26.92	0.114	0.100	14.0
	4						
	5						

* Denotes required peaks

THIS IS NOT A DELIVERABLE

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 Instrument ID: 5890A9

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
TCX: 9.82		DCB: 32.28			
EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
=====	=====	=====	=====	=====	=====
01	RESC01	ICM2AB01	08/23/93	1148	9.83 32.31
02	PIBLK01	ICM3EB01	08/23/93	1234	9.83 32.30
03	PEM01	ICM1DB01	08/23/93	1320	9.82 32.28
04	AR166001	ICM66DA01	08/23/93	1406	9.82 32.27
05	AR122101	ICM21CS01	08/23/93	1452	9.82 32.27
06	AR123201	ICM32CX01	08/23/93	1538	9.82 32.28
07	AR124201	ICM42CG01	08/23/93	1624	9.82 32.27
08	AR124801	ICM48DL01	08/23/93	1710	9.82 32.27
09	AR125401	ICM54DA01	08/23/93	1756	9.82 32.27
10	TOXAPH01	ICM14DM01	08/23/93	1842	9.82 32.28
11	INDAL01	ICM4CD01	08/23/93	1928	9.82 32.28
12	INDBL01	ICM5BE01	08/23/93	2013	9.82 32.28
13	INDAM01	ICM4CE01	08/23/93	2059	9.83 32.29
14	INDBM01	ICM5BF01	08/23/93	2145	9.83 32.29
15	INDAH01	ICM4CF01	08/23/93	2231	9.82 32.28
16	INDBH01	ICM5BG01	08/23/93	2317	9.82 32.28
17	PIBLK02	ICM3EB02	08/24/93	0002	9.83 32.29
18	PEM02	ICM1DB02	08/24/93	0048	9.83 32.29
19	PIBLK03	ICM3EB03	08/24/93	0958	9.82 32.26
20	INDAM02	ICM4CE02	08/24/93	1044	9.82 32.26
21	INDBM02	ICM5BF02	08/24/93	1130	9.82 32.25
22	PIBLK04	ICM3EB04	08/24/93	2128	9.80 32.22
23	PEM03	ICM1DB03	08/24/93	2213	9.80 32.22
24	PIBLK05	ICM3EB05	08/25/93	0637	9.82 32.28
25	INDAM03	ICM4CE03	08/25/93	0723	9.82 32.28
26	INDBM03	ICM5BF03	08/25/93	0810	9.82 32.27
27	PIBLK06	ICM3EB06	08/25/93	1921	9.80 32.21
28	PEM04	ICM1DB04	08/25/93	2007	9.80 32.22
29	PIBLK07	ICM3EB07	08/26/93	0517	9.82 32.28
30	INDAM04	ICM4CE04	08/26/93	0603	9.82 32.28
31	INDBM04	ICM5BF04	08/26/93	0649	9.82 32.27
32	PIBLK08	ICM3EB08	08/26/93	1645	9.79 32.19

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
 DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 Instrument ID: 5890A9

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION						
TCX: 9.82		DCB: 32.28				
EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #	
=====	=====	=====	=====	=====	=====	
01	PEM05	ICM1DB05	08/26/93	1731	9.78	32.18
02	PIBLK09	ICM3EB09	08/27/93	0241	9.81	32.26
03	INDAM05	ICM4CE05	08/27/93	0327	9.82	32.27
04	INDBM05	ICM5BF05	08/27/93	0413	9.82	32.27
05	PIBLK10	ICM3EB10	08/27/93	1330	9.81	32.23
06	PEM06	ICM1DB06	08/27/93	1416	9.80	32.21
07	PIBLK11	ICM3EB11	08/28/93	0014	9.80	32.22
08	INDAM06	ICM4CE06	08/28/93	0100	9.80	32.22
09	INDBM06	ICM5BF06	08/28/93	0145	9.80	32.23
10	PIBLK12	ICM3EB12	08/28/93	1055	9.81	32.25
11	PEM07	ICM1DB07	08/28/93	1141	9.81	32.24
12	ZZZZZ	AS042096	08/28/93	1227	9.81	32.24
13	AR125402	ICM54DA02	08/28/93	1313	9.81	32.24
14	AR124202	ICM42CG02	08/28/93	1358	9.80	32.23
15	AR124802	ICM48DL02	08/28/93	1444	9.80	32.24
16	AR166002	ICM66DA02	08/28/93	1530	9.81	32.23
17	ZZZZZ	AG001102	08/28/93	1616	9.81	32.23
18	ZZZZZ	AS042430	08/28/93	1748	9.79	32.22
19	ZZZZZ	AS042430MS	08/28/93	1833	9.79	32.22
20	ZZZZZ	AS042430SD	08/28/93	1919	9.79	32.22
21	ZZZZZ	AS042431	08/28/93	2005	9.80	32.24
22	ZZZZZ	AS042432	08/28/93	2051	9.81	32.25
23	PIBLK13	ICM3EB13	08/28/93	2137	9.81	32.26
24	INDAM07	ICM4CE07	08/28/93	2223	9.81	32.26
25	INDBM07	ICM5BF07	08/28/93	2308	9.81	32.26
26	PIBLK14	ICM3EB14	08/29/93	0818	9.82	32.27
27	PEM08	ICM1DB08	08/29/93	0904	9.82	32.27
28	PIBLK15	ICM3EB15	08/30/93	1248	9.81	32.23
29	PEM09	ICM1DB09	08/30/93	1334	9.80	32.22
30	PIBLK16	ICM3EB16	08/30/93	2245	9.79	32.21
31	INDAM08	ICM4CE08	08/30/93	2331	9.79	32.20
32	INDBM08	ICM5BF08	08/31/93	0017	9.79	32.20

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
 DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 Instrument ID: 5890A9

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
		TCX: 9.82	DCB: 32.28		
EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
=====	=====	=====	=====	=====	=====
01	PIBLK17	ICM3EB17	08/31/93	0842	9.80 32.22
02	PEM10	ICM1DB10	08/31/93	0928	9.80 32.22
03	PIBLK18	ICM3EB18	08/31/93	2010	9.80 32.21
04	INDAM09	ICM4CE09	08/31/93	2056	9.80 32.21
05	INDBM09	ICM5BF09	08/31/93	2142	9.80 32.22
06	PIBLK19	ICM3EB19	09/01/93	0606	9.82 32.27
07	PEM11	ICM1DB11	09/01/93	0652	9.82 32.28
08	ZZZZZ	AS041209	09/01/93	0738	9.81 32.25
09	ZZZZZ	AS041212	09/01/93	0823	9.81 32.25
10	ZZZZZ	AS041215	09/01/93	0910	9.81 32.25
11	ZZZZZ	AS041217	09/01/93	0955	9.80 32.23
12	ZZZZZ	AS041217MS	09/01/93	1041	9.80 32.23
13	ZZZZZ	AS041217SD	09/01/93	1127	9.80 32.22
14	PBLK75	AG001123	09/01/93	1213	9.80 32.23
15	SP1SSW	AS042455	09/01/93	1259	9.80 32.22
16	SP1B	AS042456	09/01/93	1344	9.79 32.21
17	ZZZZZ	AS041427	09/01/93	1431	9.78
18	ZZZZZ	AS041429	09/01/93	1516	32.19
19	PIBLK20	ICM3EB20	09/01/93	1648	9.79 32.20
20	INDAM10	ICM4CE10	09/01/93	1734	9.79 32.20
21	INDBM10	ICM5BF10	09/01/93	2034	9.82 32.25

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
 DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 Instrument ID: 5890B9

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION							
				TCX: 10.76	DCB: 31.76		
EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
=====	=====	=====	=====	=====	=====	=====	=====
01	RESC01	ICM2AB01	08/23/93	1148	10.77	31.77	
02	PIBLK01	ICM3EB01	08/23/93	1234	10.76	31.76	
03	PEM01	ICM1DB01	08/23/93	1320	10.76	31.75	
04	AR166001	ICM66DA01	08/23/93	1406	10.75	31.74	
05	AR122101	ICM21CS01	08/23/93	1452	10.75	31.74	
06	AR123201	ICM32CX01	08/23/93	1538	10.75	31.75	
07	AR124201	ICM42CG01	08/23/93	1624	10.75	31.74	
08	AR124801	ICM48DL01	08/23/93	1710	10.75	31.74	
09	AR125401	ICM54DA01	08/23/93	1756	10.75	31.74	
10	TOXAPH01	ICM14DM01	08/23/93	1842	10.75	31.75	
11	INDAL01	ICM4CD01	08/23/93	1928	10.75	31.75	
12	INDBL01	ICM5BE01	08/23/93	2013	10.75	31.75	
13	INDAM01	ICM4CE01	08/23/93	2059	10.76	31.76	
14	INDBM01	ICM5BF01	08/23/93	2145	10.76	31.76	
15	INDAH01	ICM4CF01	08/23/93	2231	10.76	31.76	
16	INDBH01	ICM5BG01	08/23/93	2317	10.76	31.75	
17	PIBLK02	ICM3EB02	08/24/93	0002	10.76	31.75	
18	PEM02	ICM1DB02	08/24/93	0048	10.76	31.76	
19	PIBLK03	ICM3EB03	08/24/93	0958	10.75	31.73	
20	INDAM02	ICM4CE02	08/24/93	1044	10.75	31.73	
21	INDBM02	ICM5BF02	08/24/93	1130	10.75	31.72	
22	PIBLK04	ICM3EB04	08/24/93	2128	10.74	31.71	
23	PEM03	ICM1DB03	08/24/93	2213	10.74	31.71	
24	PIBLK05	ICM3EB05	08/25/93	0637	10.77	31.76	
25	INDAM03	ICM4CE03	08/25/93	0723	10.76	31.76	
26	INDBM03	ICM5BF03	08/25/93	0810	10.76	31.75	
27	PIBLK06	ICM3EB06	08/25/93	1921	10.74	31.70	
28	PEM04	ICM1DB04	08/25/93	2007	10.74	31.70	
29	PIBLK07	ICM3EB07	08/26/93	0517	10.77	31.76	
30	INDAM04	ICM4CE04	08/26/93	0603	10.77	31.76	
31	INDBM04	ICM5BF04	08/26/93	0649	10.76	31.76	
32	PIBLK08	ICM3EB08	08/26/93	1645	10.73	31.68	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
 DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 Instrument ID: 5890B9

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
		TCX: 10.76		DCB: 31.76	
EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
=====	=====	=====	=====	=====	=====
01	PEM05	ICM1DB05	08/26/93	1731	10.73
02	PIBLK09	ICM3EB09	08/27/93	0241	10.76
03	INDAM05	ICM4CE05	08/27/93	0327	10.76
04	INDBM05	ICM5BF05	08/27/93	0413	10.76
05	PIBLK10	ICM3EB10	08/27/93	1330	10.74
06	PEM06	ICM1DB06	08/27/93	1416	10.74
07	PIBLK11	ICM3EB11	08/28/93	0014	10.74
08	INDAM06	ICM4CE06	08/28/93	0100	10.74
09	INDBM06	ICM5BF06	08/28/93	0145	10.75
10	PIBLK12	ICM3EB12	08/28/93	1055	10.76
11	PEM07	ICM1DB07	08/28/93	1141	10.75
12	ZZZZZ	AS042096	08/28/93	1227	10.75
13	AR125402	ICM54DA02	08/28/93	1313	10.75
14	AR124202	ICM42CG02	08/28/93	1358	10.75
15	AR124802	ICM48DL02	08/28/93	1444	10.75
16	AR166002	ICM66DA02	08/28/93	1530	10.75
17	ZZZZZ	AG001102	08/28/93	1616	10.75
18	ZZZZZ	AS042430	08/28/93	1748	10.74
19	ZZZZZ	AS042430MS	08/28/93	1833	10.74
20	ZZZZZ	AS042430SD	08/28/93	1919	10.75
21	ZZZZZ	AS042431	08/28/93	2005	10.75
22	ZZZZZ	AS042432	08/28/93	2051	10.75
23	PIBLK13	ICM3EB13	08/28/93	2137	10.76
24	INDAM07	ICM4CE07	08/28/93	2223	10.76
25	INDBM07	ICM5BF07	08/28/93	2308	10.76
26	PIBLK14	ICM3EB14	08/29/93	0818	10.77
27	PEM08	ICM1DB08	08/29/93	0904	10.76
28	PIBLK15	ICM3EB15	08/30/93	1248	10.75
29	PEM09	ICM1DB09	08/30/93	1334	10.75
30	PIBLK16	ICM3EB16	08/30/93	2245	10.74
31	INDAM08	ICM4CE08	08/30/93	2331	10.74
32	INDBM08	ICM5BF08	08/31/93	0017	10.74

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
 DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 08/23/93 08/24/93
 Instrument ID: 5890B9

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION							
		TCX: 10.76		DCB: 31.76			
EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
=====	=====	=====	=====	=====	=====	=====	=====
01	PIBLK17	ICM3EB17	08/31/93	0842	10.75	31.69	
02	PEM10	ICM1DB10	08/31/93	0928	10.74	31.70	
03	PIBLK18	ICM3EB18	08/31/93	2010	10.74	31.69	
04	INDAM09	ICM4CE09	08/31/93	2056	10.74	31.69	
05	INDBM09	ICM5BF09	08/31/93	2142	10.74	31.70	
06	PIBLK19	ICM3EB19	09/01/93	0606	10.77	31.74	
07	PEM11	ICM1DB11	09/01/93	0652	10.77	31.75	
08	ZZZZZ	AS041209	09/01/93	0738	10.76	31.73	
09	ZZZZZ	AS041212	09/01/93	0823	10.76	31.73	
10	ZZZZZ	AS041215	09/01/93	0910	10.76	31.73	
11	ZZZZZ	AS041217	09/01/93	0955	10.76	31.71	
12	ZZZZZ	AS041217MS	09/01/93	1041	10.76	31.71	
13	ZZZZZ	AS041217SD	09/01/93	1127	10.75	31.70	
14	PBLK75	AG001123	09/01/93	1213	10.75	31.71	
15	SP1SSW	AS042455	09/01/93	1259	10.75	31.70	
16	SP1B	AS042456	09/01/93	1344	10.75	31.69	
17	ZZZZZ	AS041427	09/01/93	1431	10.74		
18	ZZZZZ	AS041429	09/01/93	1516		31.70	
19	PIBLK20	ICM3EB20	09/01/93	1648	10.74	31.68	
20	INDAM10	ICM4CE10	09/01/93	1734	10.74	31.69	
21	INDBM10	ICM5BF10	09/01/93	2034	10.75	31.73	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
 DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

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

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: RECRA ENVIRON Contract: C002412

Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393

Florisil Cartridge Lot Number: 159AC 5-93 Date of Analysis: 05/05/93

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
alpha-BHC	0.010	0.00880	88	80-120
gamma-BHC (Lindane)	0.010	0.00980	98	80-120
Heptachlor	0.010	0.0115	115	80-120
Endosulfan I	0.010	0.0105	105	80-120
Dieldrin	0.020	0.0187	94	80-120
Endrin	0.020	0.0181	90	80-120
4,4'-DDD	0.020	0.0170	85	80-120
4,4'-DDT	0.020	0.0194	97	80-120
Methoxychlor	0.100	0.0959	96	80-120
Tetrachloro-m-xylene	0.010	0.00940	94	80-120
Decachlorobiphenyl	0.020	0.0199	100	80-120

Column to be used to flag recovery with an asterisk.

* Values outside of QC limits

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

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK75	AG001123	09/01/93	09/01/93
02	SP1SSW	AS042455	09/01/93	09/01/93
03	SP1B	AS042456	09/01/93	09/01/93

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Florisil Cartridge Lot Number: 159AC_5-93 Date of Analysis: 05/05/93
 GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
alpha-BHC	0.010	0.00880	88	80-120
gamma-BHC (Lindane)	0.010	0.00980	98	80-120
Heptachlor	0.010	0.0115	115	80-120
Endosulfan I	0.010	0.0105	105	80-120
Dieldrin	0.020	0.0187	94	80-120
Endrin	0.020	0.0181	90	80-120
4,4'-DDD	0.020	0.0170	85	80-120
4,4'-DDT	0.020	0.0194	97	80-120
Methoxychlor	0.100	0.0959	96	80-120
Tetrachloro-m-xylene	0.010	0.00940	94	80-120
Decachlorobiphenyl	0.020	0.0199	100	80-120

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK75	AG001123	09/01/93	09/01/93
02	SP1SSW	AS042455	09/01/93	09/01/93
03	SP1B	AS042456	09/01/93	09/01/93

9B
PESTICIDE GPC CALIBRATION

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 GPC Column: A_08-17-93 Calibration Date: 08/17/93
 GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
gamma-BHC (Lindane)	0.050	0.0478	96	80-110
Heptachlor	0.050	0.0434	87	80-110
Aldrin	0.050	0.0405	81	80-110
Dieldrin	0.100	0.0853	85	80-110
Endrin	0.100	0.0809	81	80-110
4,4'-DDT	0.100	0.0893	89	80-110

Column to be used to flag recovery 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	PBLK75	AG001123	09/01/93	09/01/93
02	SP1SSW	AS042455	09/01/93	09/01/93
03	SP1B	AS042456	09/01/93	09/01/93

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SP1B

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Lab Sample ID : AS042456 Dates(s) Analyzed: 09/01/93 09/01/93
 Instrument ID (1): 5890A9 Instrument ID (2): 5890B9
 GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
=====	====	=====	=====	=====	=====	=====
4,4'-DDT	1	23.08	23.07	23.21	1.78	
	2	24.08	23.98	24.12	2.00	12.4
alpha-Chlordane	1	19.33	19.30	19.44	1.20	
	2	20.69	20.65	20.79	0.514	133.5

10A
 PESTICIDE IDENTIFICATION SUMMARY
 FOR SINGLE COMPONENT ANALYTES

SP1SSW

Lab Name: RECRA ENVIRON Contract: C002412

Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393

Lab Sample ID : AS042455 Dates(s) Analyzed: 09/01/93 09/01/93

Instrument ID (1): 5890A9 Instrument ID (2): 5890B9

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
=====	====	=====	=====	=====	=====	=====
4,4'-DDT	1	23.19	23.07	23.21	0.372	
	2	24.09	23.98	24.12	1.51	305.9
alpha-Chlordane	1	19.35	19.30	19.44	0.400	
	2	20.70	20.65	20.79	0.387	3.4

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

PBLK75

Lab Name: RECRA ENVIRON Contract: C002412

Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393

Lab Sample ID : AG001123 Dates(s) Analyzed: 09/01/93 09/01/93

Instrument ID (1): 5890A9 Instrument ID (2): 5890B9

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
beta-BHC	1	14.20	14.19	14.29	0.416	
	2	17.87	17.82	17.92	0.870	109.1

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM2AB           Time       : 8/24/93 11:44
Sample Number: RESC01         Study      :
Operator      :

Instrument   : 970_-9           Channel   : A      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93 11:48
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9a33001.raw
Result File   : f:\turbo32\khorvat\9a33001.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
Peak Ret Time      Area          Component          Height  BL Concentration
#      [min]      [uV/sec]          Name              [uV]      ng
-----
  1     9.83      335476 TMX              63881.39 BB      0.0157
  4    18.83      141471 gamma chlordan  27434.13 BB      0.0078
  5    19.48      112220 Endosulfan I    22255.20 BB      0.0081
  6    20.27      190563 4,4'-DDE     34485.78 BV      0.0154
  7    20.52      206532 Dieldrin         40900.34 VB      0.0158
  8    22.77       87696              7898.64 BB      0.0877
 10    23.90      151934 Endo. sulfate     29092.33 VB      0.0143
 11    26.08      288271 Methoxychlor     49902.91 BB      0.0703
 12    26.56      187141 Endrin ketone    32177.33 BB      0.0149
 13    32.31      262808 DCBP              26650.69 BB      0.0157
  
```

```

-----
                    1964110          334678.75
  
```

8/24 8:24:193

```

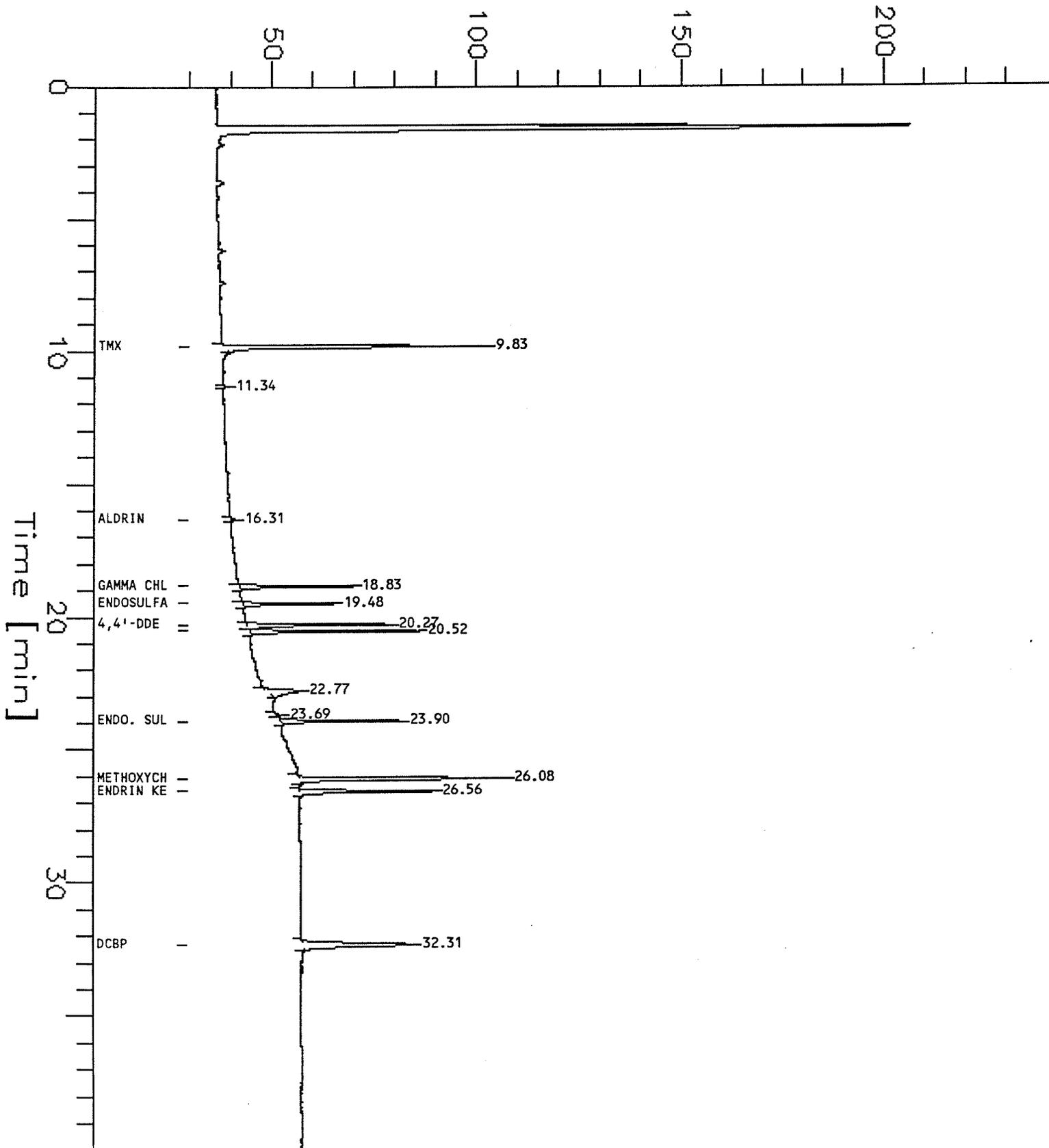
=====
                    5890-9      DB608 COLUMN #152      Channel A
=====
  
```

Sample Name : ICM2AB
FileName : f:\turbo32\khorvat\9a33001.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: RESC01
Date : 8/24/93 11:44
Time of Injection: 8/23/93 11:48
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608

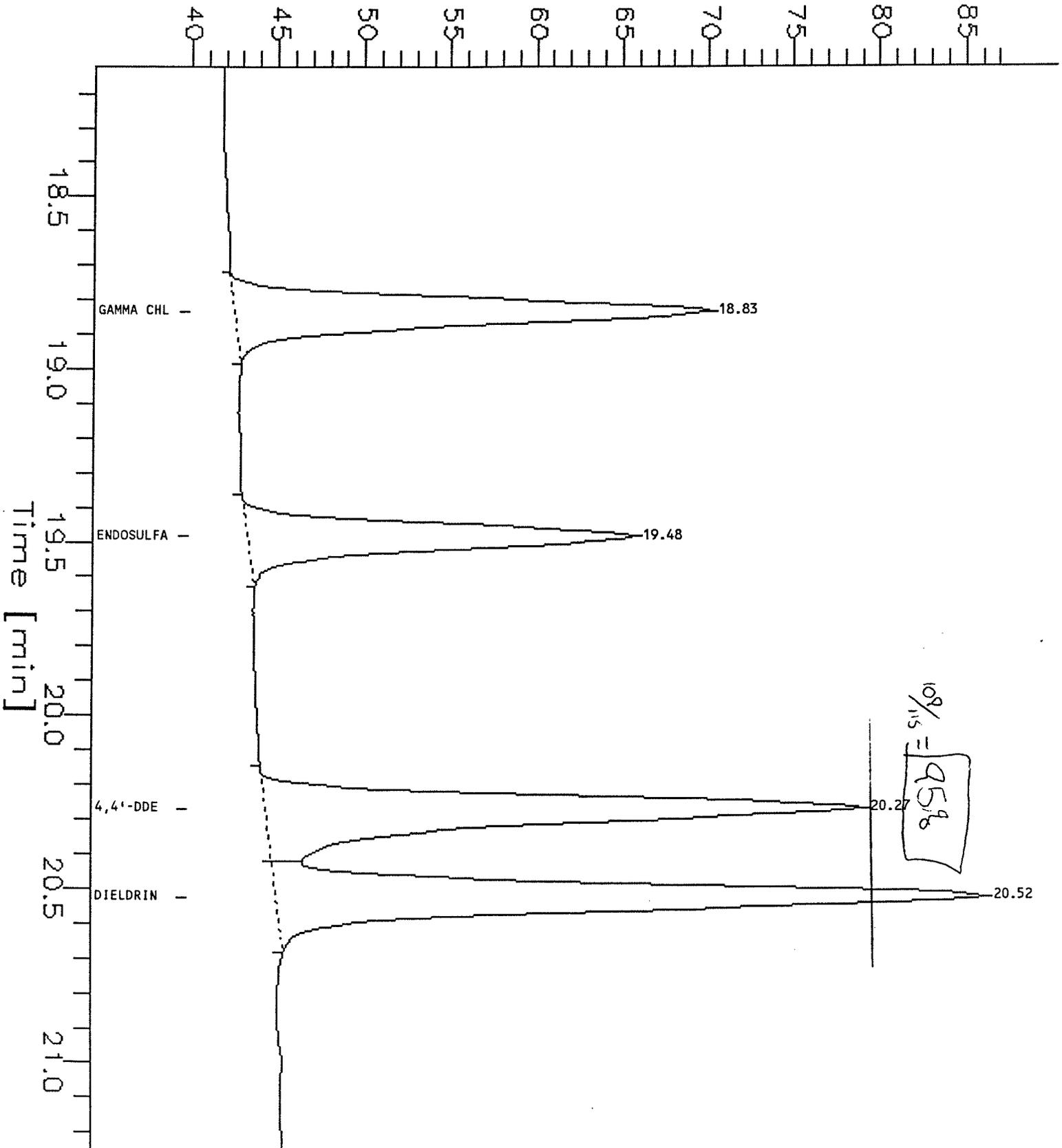


Sample Name : ICM2AB
FileName : F:\TURBO32\KHORVAT\9a33001.raw
Method : 9-33D.ins
Start Time : 18.12 min
Scale Factor: 0

End Time : 21.26 min
Plot Offset: 40 mV

Sample #: RESC01
Date : 8/24/93 13:44
Time of Injection: 8/23/93 11:48
Low Point : 39.92 mV
Plot Scale: 48 mV
High Point : 87.61 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM66DA           Time       : 8/24/93  11:51
Sample Number: AR166001        Study      :
Operator      :

Instrument   : 970_-9           Channel  : A    A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  14:06
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File  : f:\turbo32\khorvat\9a33004.raw
Result File    : f:\turbo32\khorvat\9a33004.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33A.prc
Sample File    : f:\turbo32\khorvat\9-33AN.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
  
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.82	400366	TMX	73541.12	BB	0.0187
5	12.32	α 35374	1016	5872.46	BB	0.0354
7	13.85	α 96339		15730.08	BB	0.0963
9	14.62	23742		4388.94	BV	0.0237
10	14.76	11225		2038.65	VV	0.0112
11	14.91	38678		6818.66	VB	0.0387
12	15.21	α 143331		14280.11	BB	0.1433
13	15.77	59858		6752.16	BB	0.0599
14	16.30	73886		10144.96	BV	0.0739
15	16.48	38695		6564.97	VV	0.0387
16	16.59	30809		5111.29	VV	0.0308
17	16.70	15639		3093.47	VB	0.0156
19	17.44	51835		8469.86	BV	0.0518
20	17.58	23799		3870.67	VV	0.0238
21	17.87	37656		4618.53	VV	0.0377
24	18.57	17148		2503.59	VV	0.0172
25	18.82	41438		8069.39	VB	0.0414
26	19.04	37077		6355.64	BB	0.0371
28	20.78	α 59859	1260	9335.11	BV	0.0599
29	21.07	48229		5138.43	VV	0.0482
30	21.38	α 113412		17545.58	VV	0.1134
31	21.68	α 112076		17205.49	VE	0.1121
33	22.35	33050		6013.85	BB	0.0331
34	22.79	131448		17408.82	BV	0.1315
35	22.95	60014		9271.51	VV	0.0600
36	23.13	84193		13742.54	VV	0.0842
37	23.22	80469		14260.37	VV	0.0805
38	23.43	30433		5603.25	VB	0.0304
39	23.89	12499		1735.17	BB	0.0125
40	24.42	54217		9946.44	BV	0.0542
41	24.56	11772		2390.78	VV	0.0118
42	24.69	33923		6654.88	VV	0.0339
43	24.87	123877		20657.43	VB	0.1239
44	26.15	28030		4380.21	BV	0.0280
45	26.33	23752		3258.86	VV	0.0238
46	26.49	58791		8965.81	VB	0.0588
48	28.50	25940		3450.76	VB	0.0259
50	32.27	323883	DCBP	32234.00	BB	0.0193

2626760 397423.81

8/24/93

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
  
```

Sample Name : ICM66DA

Sample #: AR166001

Page 1 of 1

FileName : f:\turbo32\khorvat\9a33004.raw

Date : 8/24/93 11:51

Method : 9-33D.ins

Time of Injection: 8/23/93 14:06

Start Time : 0.00 min

End Time : 40.00 min

Low Point : 30.00 mV

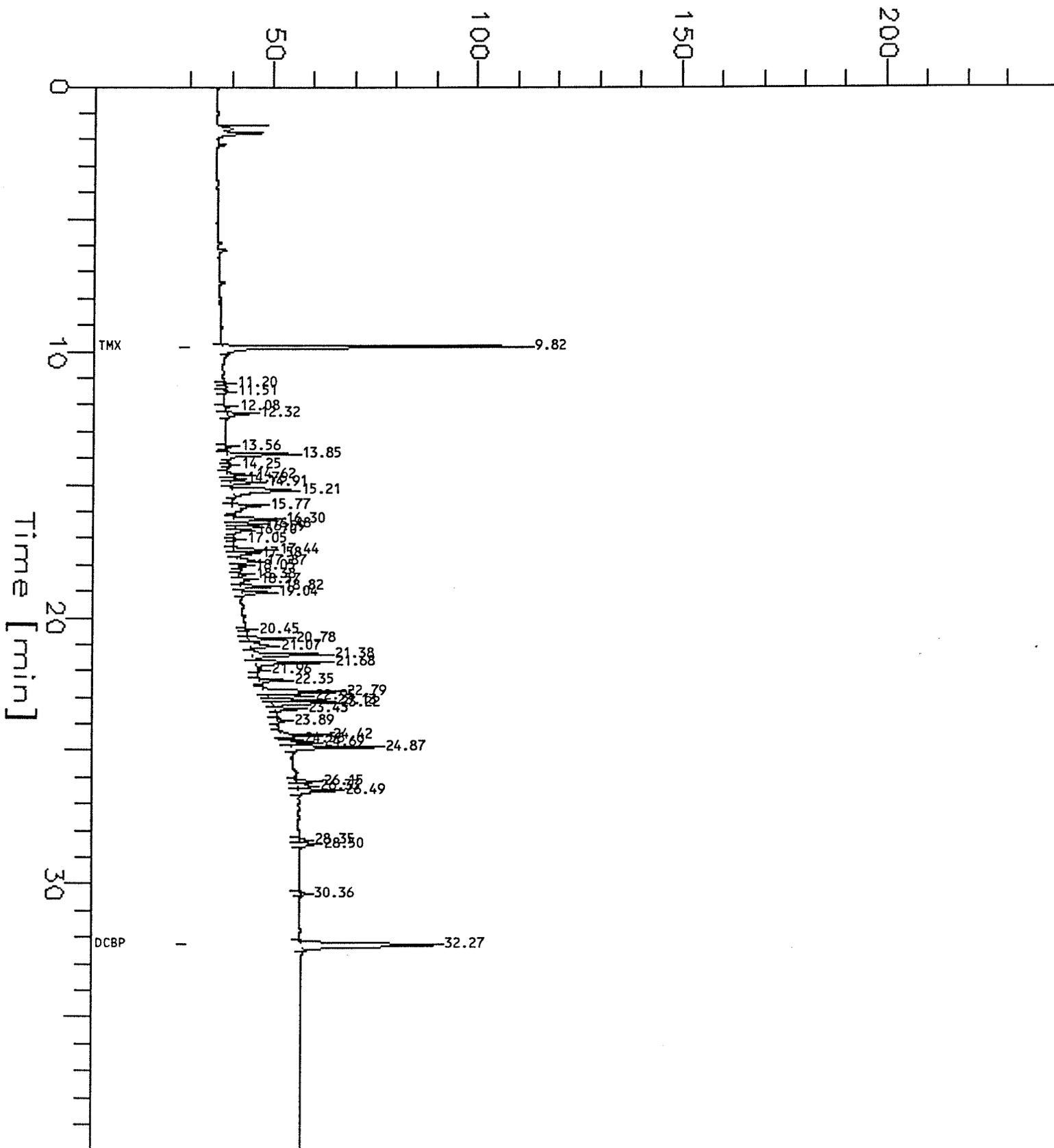
High Point : 230.00 mV

Scale Factor: 0

Plot Offset: 30 mV

Plot Scale: 200 mV

DB608



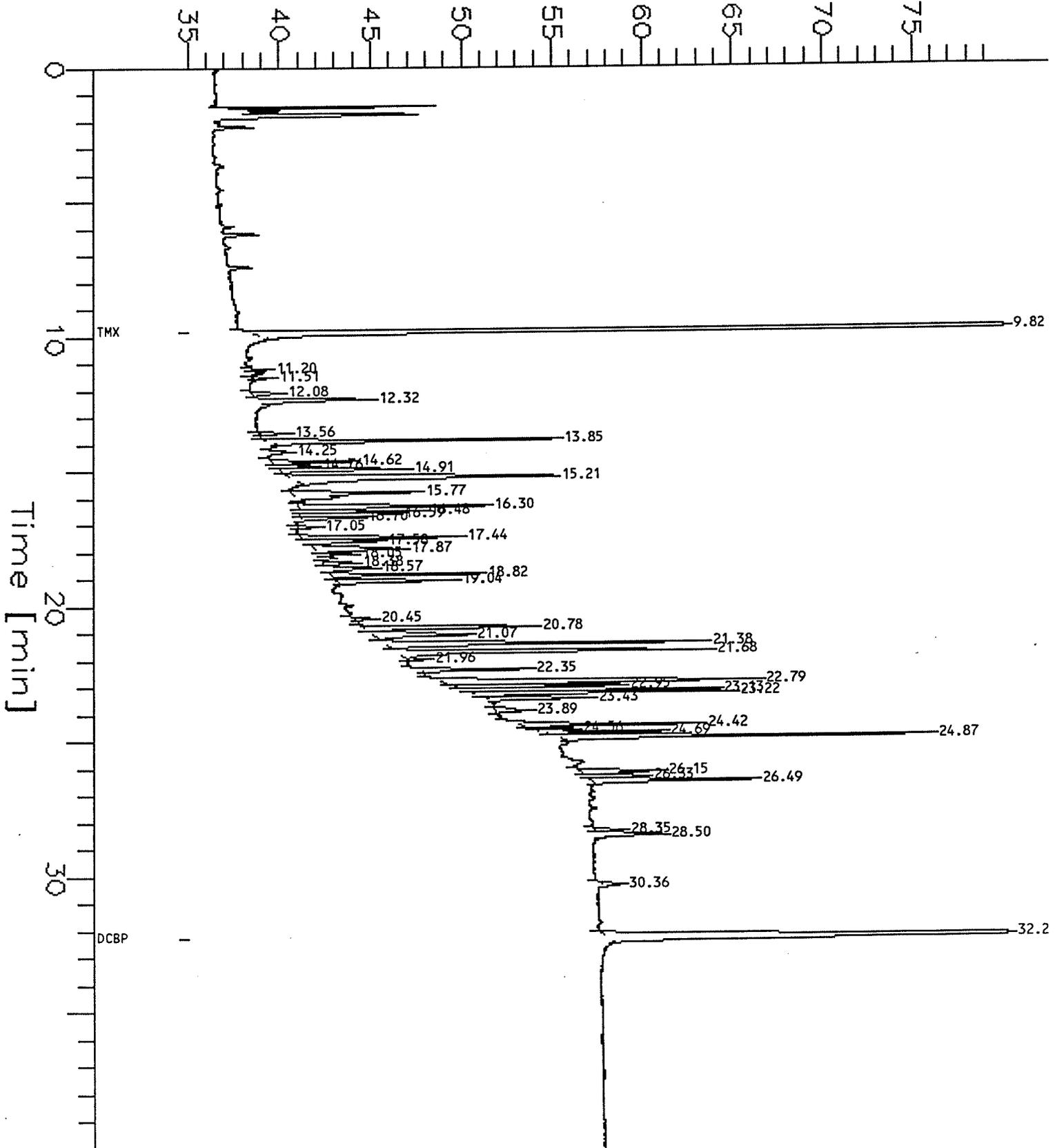
Sample Name : ICM66DA
FileName : f:\turbo32\khorvat\9a33004.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: AR166001
Date : 08/24/93 12:47
Time of Injection: 08/23/93 14:06
Low Point : 35.00 mV
Plot Scale: 45 mV

High Point : 80.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM21CS           Time       : 8/24/93  11:54
Sample Number: AR122101         Study      :
Operator      :

Instrument    : 970_-_9           Channel   : A      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  14:52
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9a33005.raw
Result File     : f:\turbo32\khorvat\9a33005.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33AN.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject   : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

		5890-9		DB608 COLUMN #152		Channel A	
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration	ng
1	9.82	325956	TMX	63954.26	BB	0.0152	
3	11.19	11445		2525.54	VB	0.0115	
4	11.50	α 35812	122)	6075.35	BB	0.0358	
5	12.07	α 28043		4652.54	BV	0.0280	
6	12.32	α 89770	↓	13270.34	VE	0.0898	
7	12.53	10966		1987.78	EB	0.0110	
8	13.85	25361		4160.83	BB	0.0254	
11	15.22	22092		2607.89	BB	0.0221	
13	16.30	13397		2110.88	BB	0.0134	
19	22.78	109777		8067.72	BV	0.1098	
20	23.14	17999		2481.62	VB	0.0180	
22	32.27	289029	DCBP	29285.21	BB	0.0173	
		979645		141179.97			

```

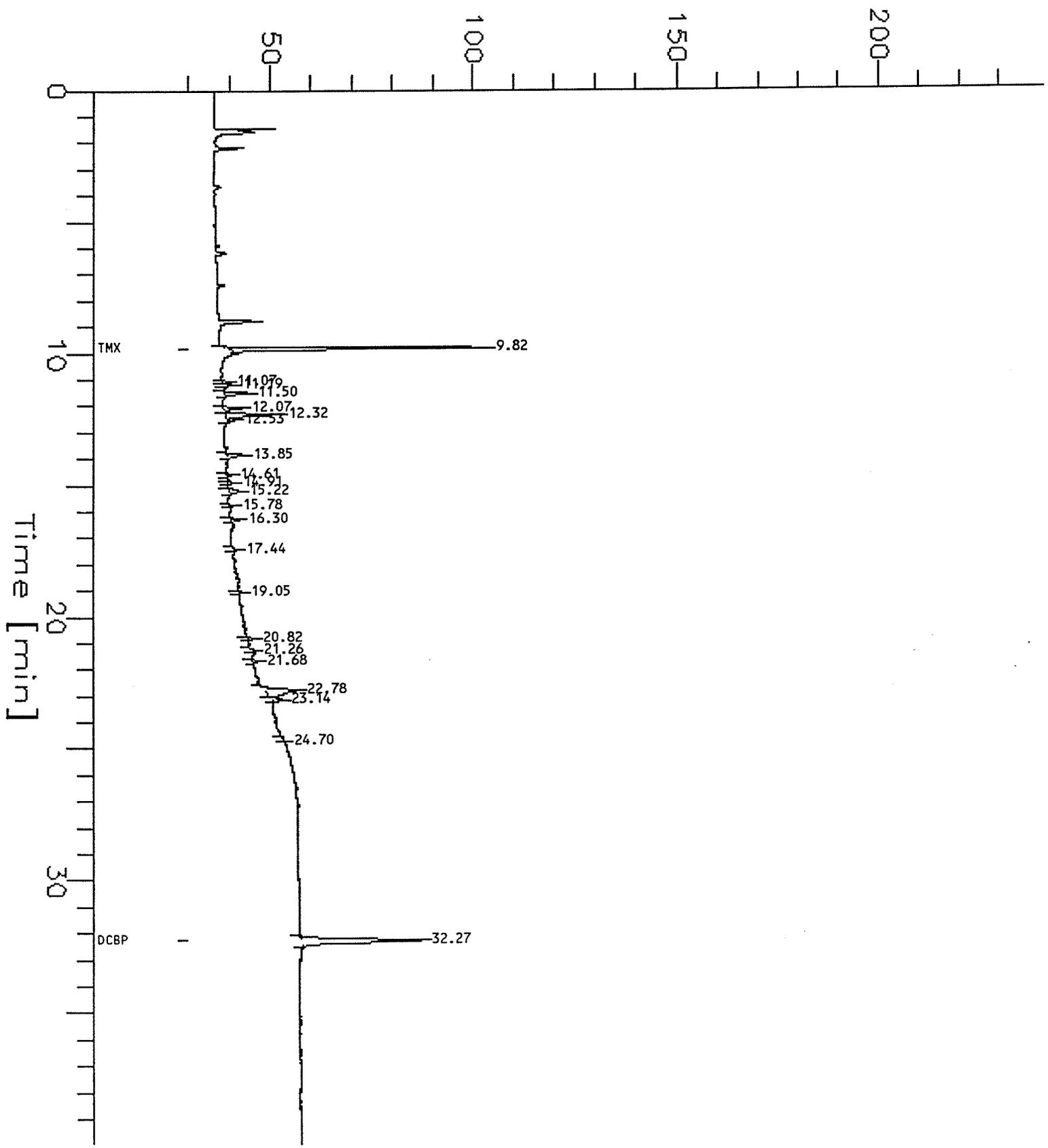
=====
                               8/24/93
=====
5890-9      DB608 COLUMN #152      Channel A
=====
  
```

Sample Name : ICM21CS
FileName : f:\turbo32\khorvat\9a33005.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset : 30 mV

Sample #: AR122101
Date : 8/24/93 11:54
Time of Injection: 8/23/93 14:52
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



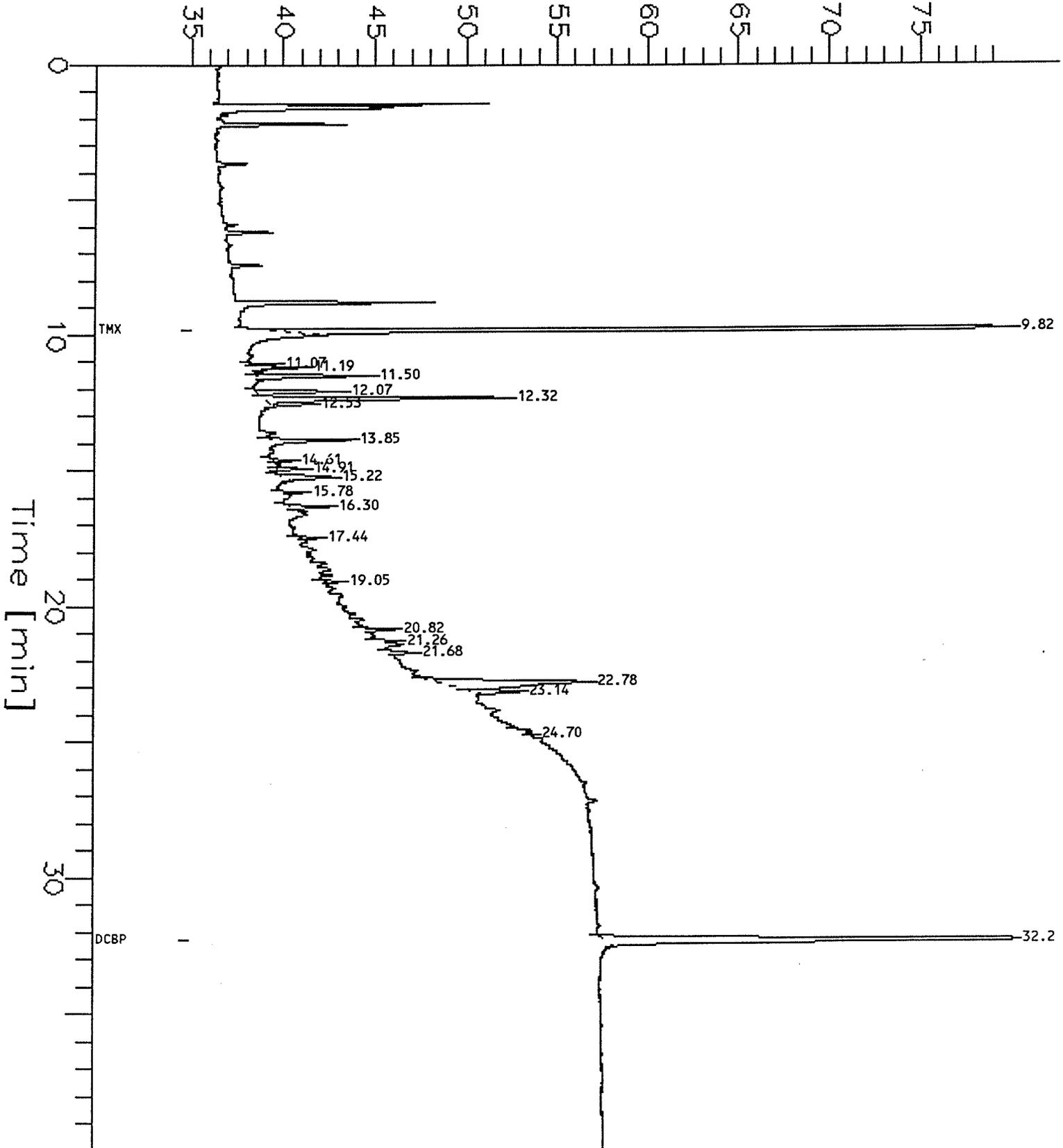
Sample Name : ICM21CS
FileName : f:\turbo32\khorvat\9a33005.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: AR122101
Date : 08/24/93 12:48
Time of Injection: 08/23/93 14:52
Low Point : 35.00 mV
Plot Scale: 45 mV

High Point : 80.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM32CX           Time       : 8/24/93  11:56
Sample Number: AR123201         Study      :
Operator      :

Instrument    : 970_-9           Channel   : A      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  15:38
Delay Time        : 0.00  min.
End Time          : 40.00  min.
Sampling Rate     : 2.9412  pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9a33006.raw
Result File     : f:\turbo32\khorvat\9a33006.rst
Instrument File  : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33AN.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject   : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

```

=====
  
```

		5890-9	DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.82	365882	TMX	64958.50	BB 0.0171
3	11.51	10209		1993.62	BB 0.0102
4	12.08	10090		1785.84	BB 0.0101
5	12.33	36690	1232	6080.35	BB 0.0367
7	13.85	44767		7347.04	BB 0.0448
9	14.91	14762		2839.56	BB 0.0148
10	15.22	49650		5639.33	BB 0.0497
11	15.78	12081		2295.06	BB 0.0121
12	16.30	26915		4188.94	BB 0.0269
14	17.45	14263		2900.28	BB 0.0143
15	17.88	12383		1671.35	BB 0.0124
17	18.39	10935		1753.90	BV 0.0109
18	18.60	12830		1830.71	VB 0.0128
20	22.80	65021		5515.08	BB 0.0650
21	32.28	293623	DCBP	29556.30	BB 0.0175
		980099		140355.84	

```

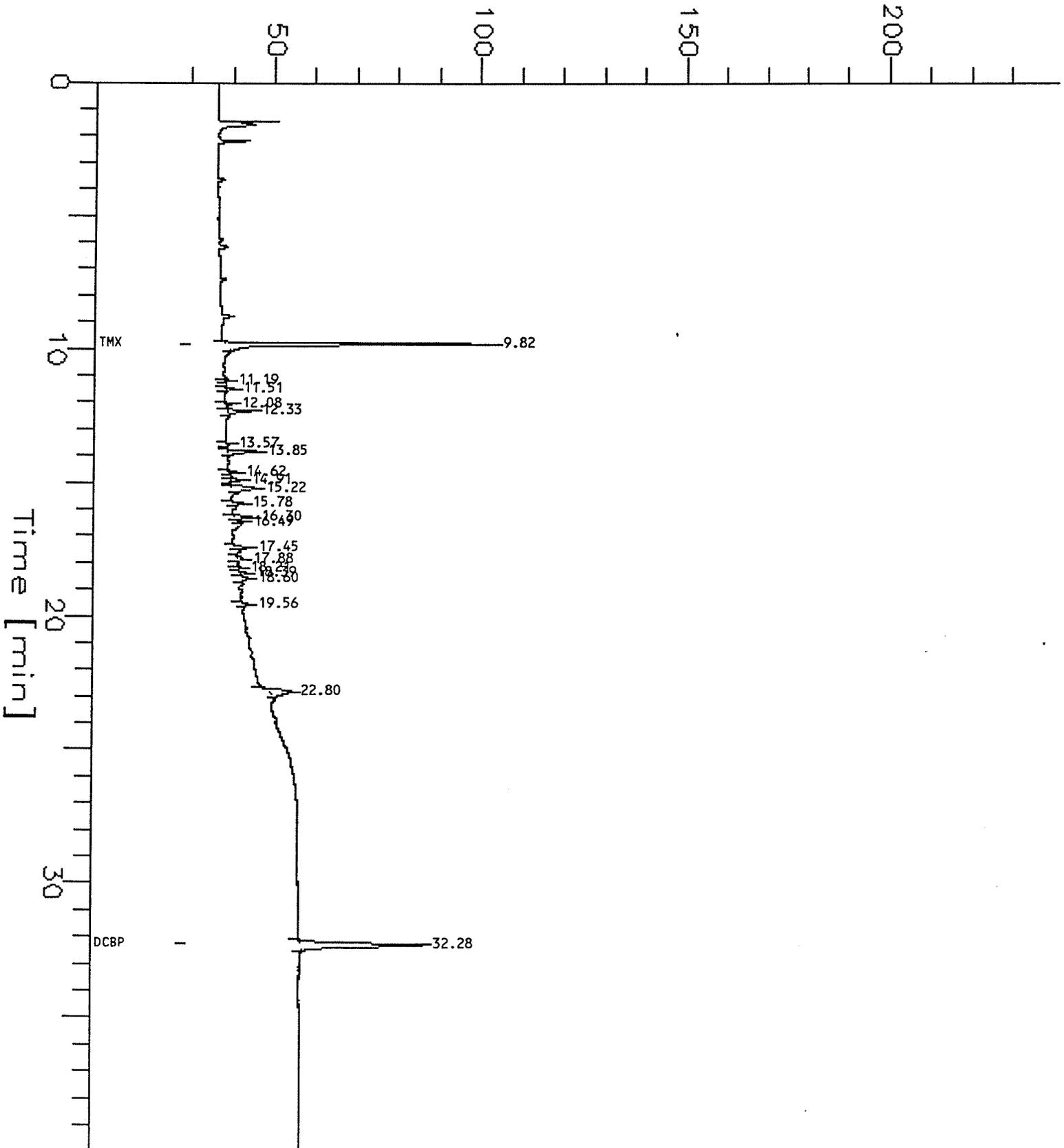
=====
4/24 8/24/93
=====
5890-9      DB608 COLUMN #152      Channel A
=====
  
```

Sample Name : ICM32CX
FileName : f:\turbo32\khorvat\9a33006.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: AR123201
Date : 8/24/93 11:56
Time of Injection: 8/23/93 15:38
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



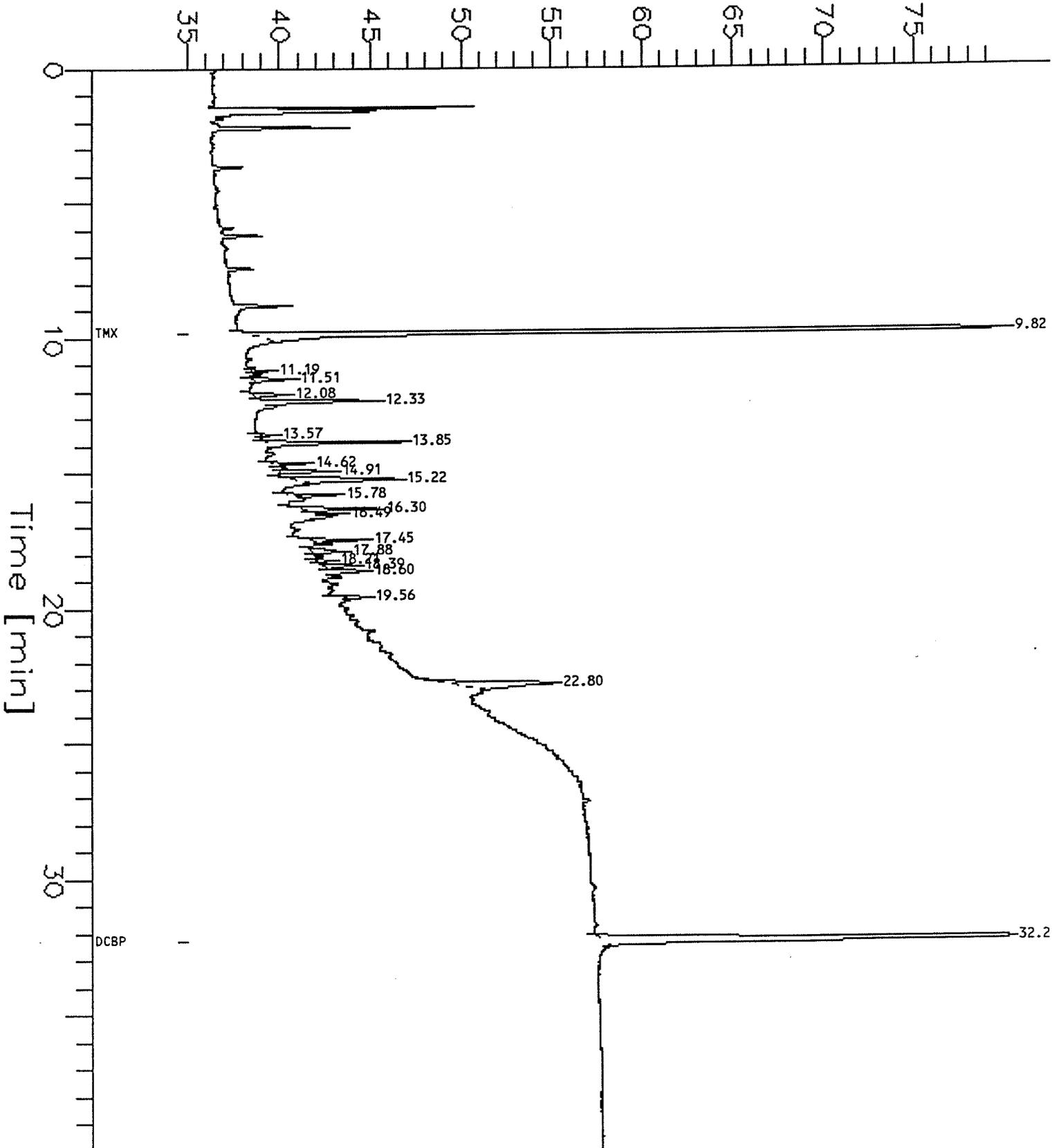
Sample Name : ICM32CX
FileName : f:\turbo32\khorvat\9a33006.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: AR123201
Date : 08/24/93 12:48
Time of Injection: 08/23/93 15:38
Low Point : 35.00 mV
Plot Scale: 45 mV

Page 1 of 1
High Point : 80.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM42CG           Time       : 8/24/93  11:59
Sample Number: AR124201         Study      :
Operator      :

Instrument    : 970_-9           Channel   : A      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  16:24
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9a33007.raw
Result File     : f:\turbo32\khorvat\9a33007.rst
Instrument File  : f:\turbo32\khorvat\9-330.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33AN.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume     : 1 ul           Area Reject    : 10000.00
Sample Amount   : 1.0000        Dilution Factor : 1.00
  
```

=====

		5890-9	DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.82	403250	TMX	73607.54	BB 0.0188
4	12.33	28649	1242	4754.96	BB 0.0287
6	13.85	82354		13113.84	BB 0.0824
7	14.62	20240		3585.86	BV 0.0202
9	14.91	32621		5666.01	VB 0.0326
10	15.21	115457		11048.67	BB 0.1155
11	15.78	26394		4453.59	BB 0.0264
12	16.30	52538		7671.63	BV 0.0525
13	16.48	22302		4193.39	VV 0.0223
14	16.59	12154		2540.68	VB 0.0122
16	17.44	44889		7102.51	BV 0.0449
17	17.58	22586		3488.72	VV 0.0226
18	17.87	37815		4209.26	VV 0.0378
20	18.20	15890		2403.86	VV 0.0159
21	18.38	35153		4667.04	VV 0.0352
22	18.59	45972		5093.54	VV 0.0460
23	18.81	13368		2304.69	VB 0.0134
26	19.55	21892		3229.45	BB 0.0219
32	22.80	46429		4347.14	BB 0.0464
33	32.27	330269	DCBP	32590.40	BB 0.0197

1410220

200072.75

NAI 8/24/93

```

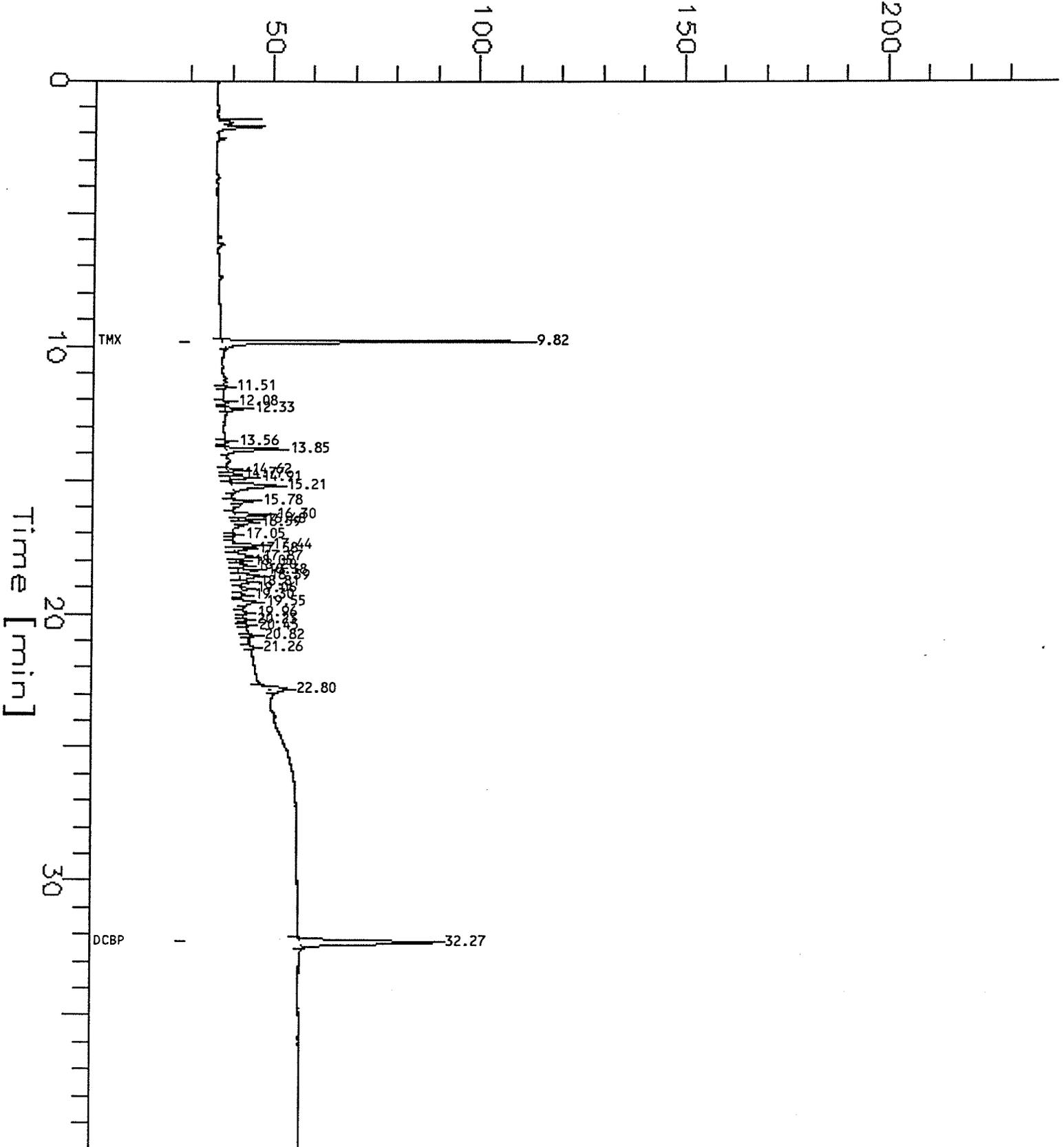
=====
5890-9          DB608 COLUMN #152          Channel A
=====
  
```

Sample Name : ICM42CG
FileName : f:\turbo32\khorvat\9a33007.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: AR124201
Date : 8/24/93 11:59
Time of Injection: 8/23/93 16:24
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



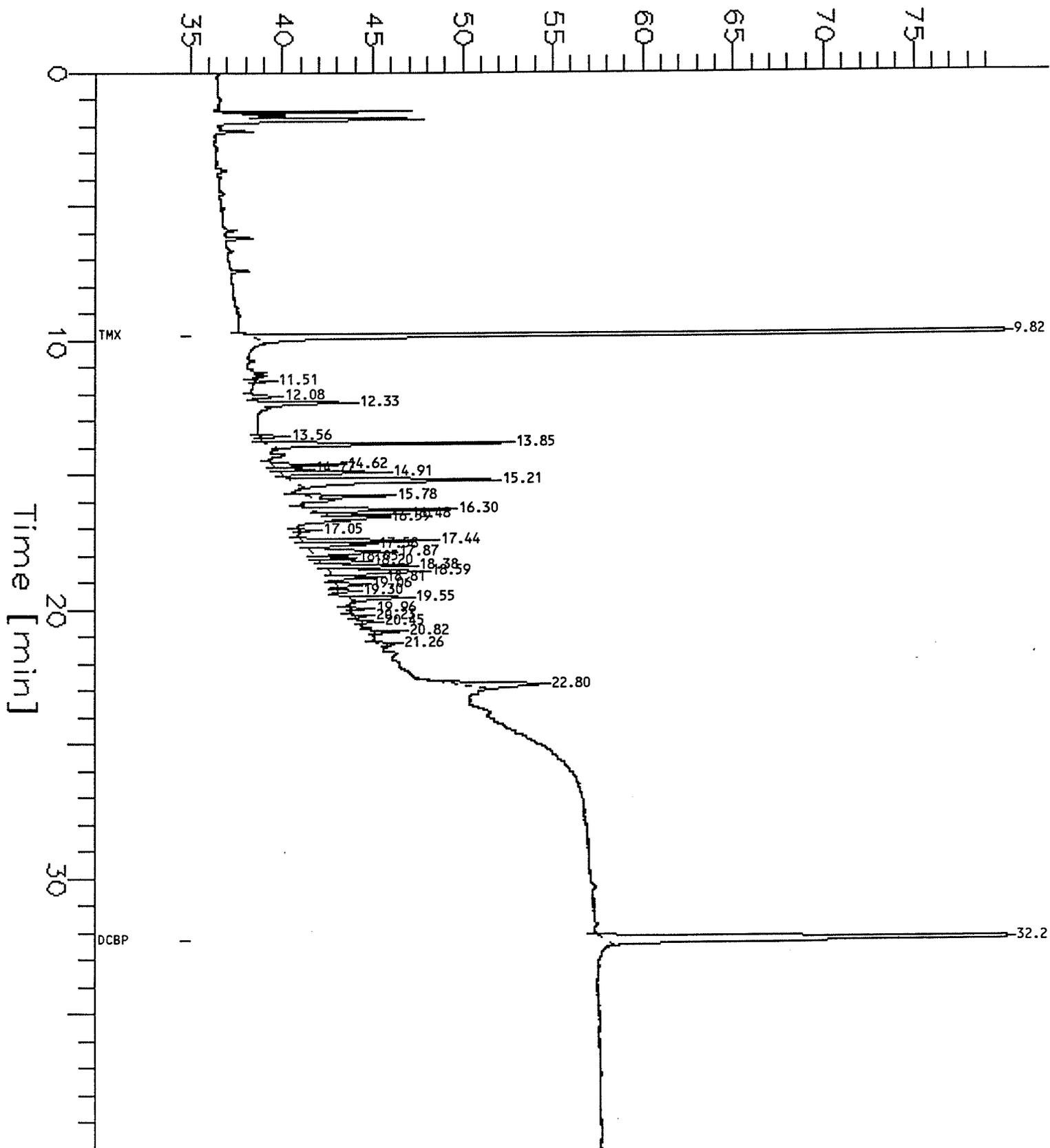
Sample Name : ICM42CG
FileName : f:\turbo32\khorvat\9a33007.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: AR124201
Date : 08/24/93 12:49
Time of Injection: 08/23/93 16:24
Low Point : 35.00 mV
Plot Scale: 45 mV

High Point : 80.00 mV

DB608



5890A9

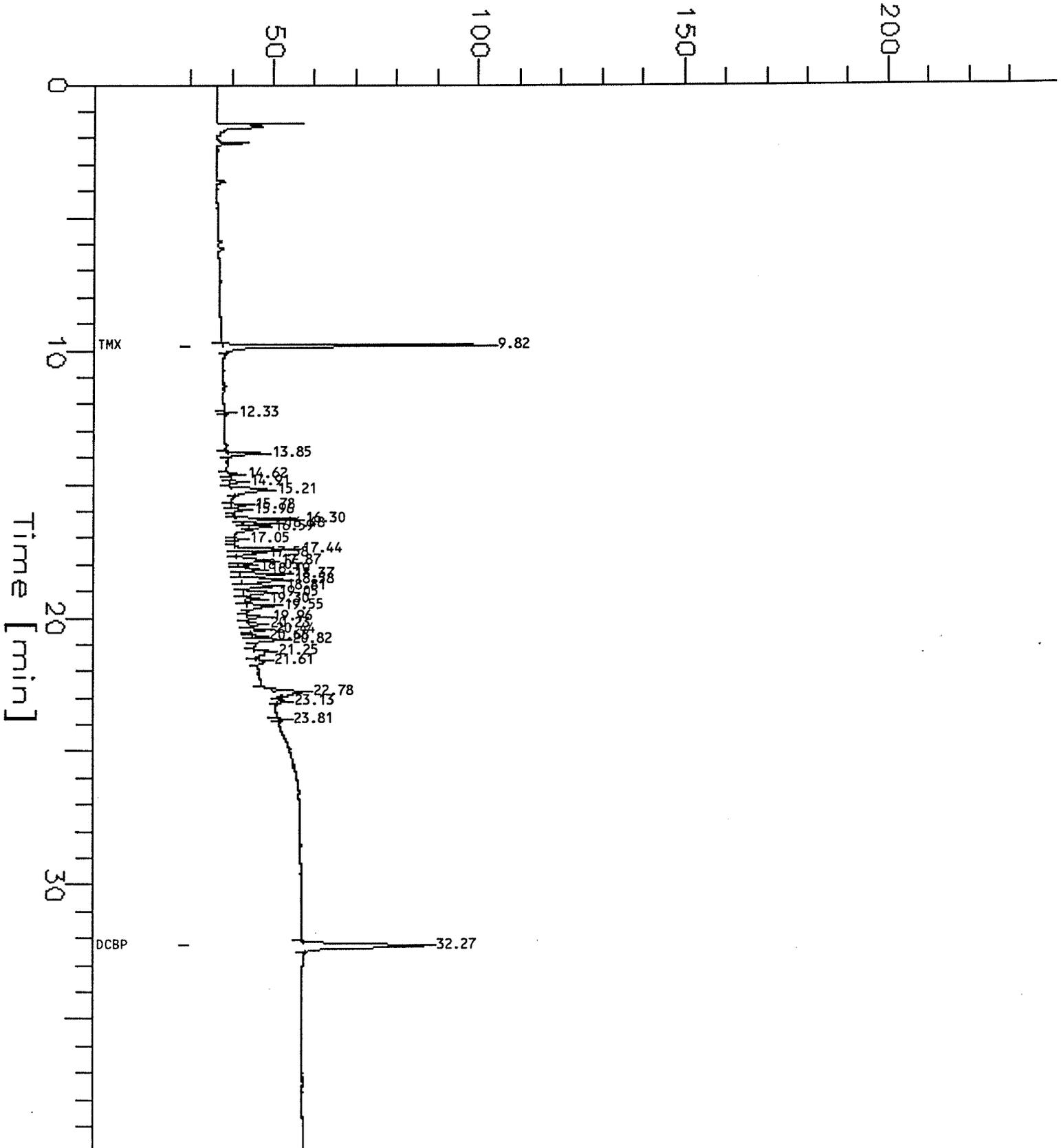
1.0ul Inj

Sample Name : ICM48DL
FileName : f:\turbo32\khorvat\9a33008.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: AR124801
Date : 8/24/93 12:01
Time of Injection: 8/23/93 17:10
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



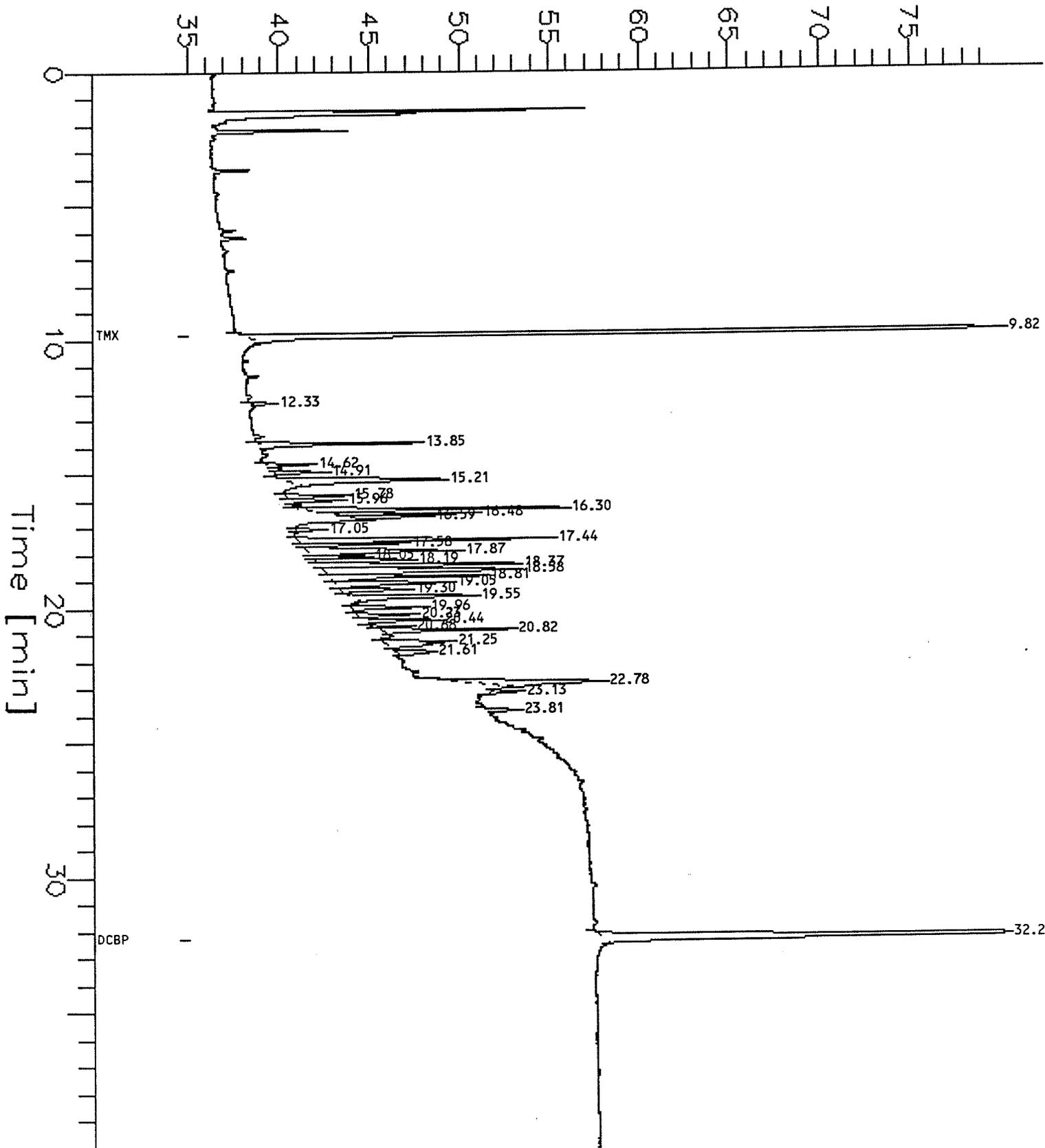
Sample Name : ICM48DL
FileName : f:\turbo32\khorvat\9a33008.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: AR124801
Date : 08/24/93 12:49
Time of Injection: 08/23/93 17:10
Low Point : 35.00 mV
Plot Scale: 45 mV

High Point : 80.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM54DA           Time      : 8/24/93 12:04
Sample Number: AR125401        Study       :
Operator      :

Instrument   : 970_-_9           Channel  : A    A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93 17:56
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9a33009.raw
Result File   : f:\turbo32\khorvat\9a33009.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
  
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.82	405474	TMX	73676.73	BB	0.0189
3	16.31	52663		8919.57	BV	0.0527
5	17.44	20844		3999.20	BB	0.0208
8	18.38	21787		3501.00	BB	0.0218
9	18.81	α 85032	1254	15589.55	BV	0.0850
10	19.04	α 99978		14232.75	VV	0.1000
11	19.30	α 32644	↓	5631.68	VB	0.0326
12	19.96	34095		5908.80	BV	0.0341
13	20.23	31167		5020.72	VV	0.0312
14	20.44	49538		8347.20	VV	0.0495
15	20.68	11032		2410.78	VV	0.0110
16	20.81	115576		16946.54	VE	0.1156
17	21.06	22113		3002.89	EV	0.0221
18	21.24	53227		8352.32	VV	0.0532
19	21.38	70321		9833.67	VV	0.0703
20	21.68	55806		8043.76	VB	0.0558
21	22.35	13468		2371.57	BB	0.0135
22	22.78	70503		9144.64	BB	0.0705
23	23.13	60681		9668.45	BB	0.0607
26	24.56	15477		2898.49	VV	0.0155
27	24.69	10777		1795.02	VV	0.0108
30	32.27	339756	DCBP	33892.81	BB	0.0203
1671960				253188.13		

MA 8/24/93

```

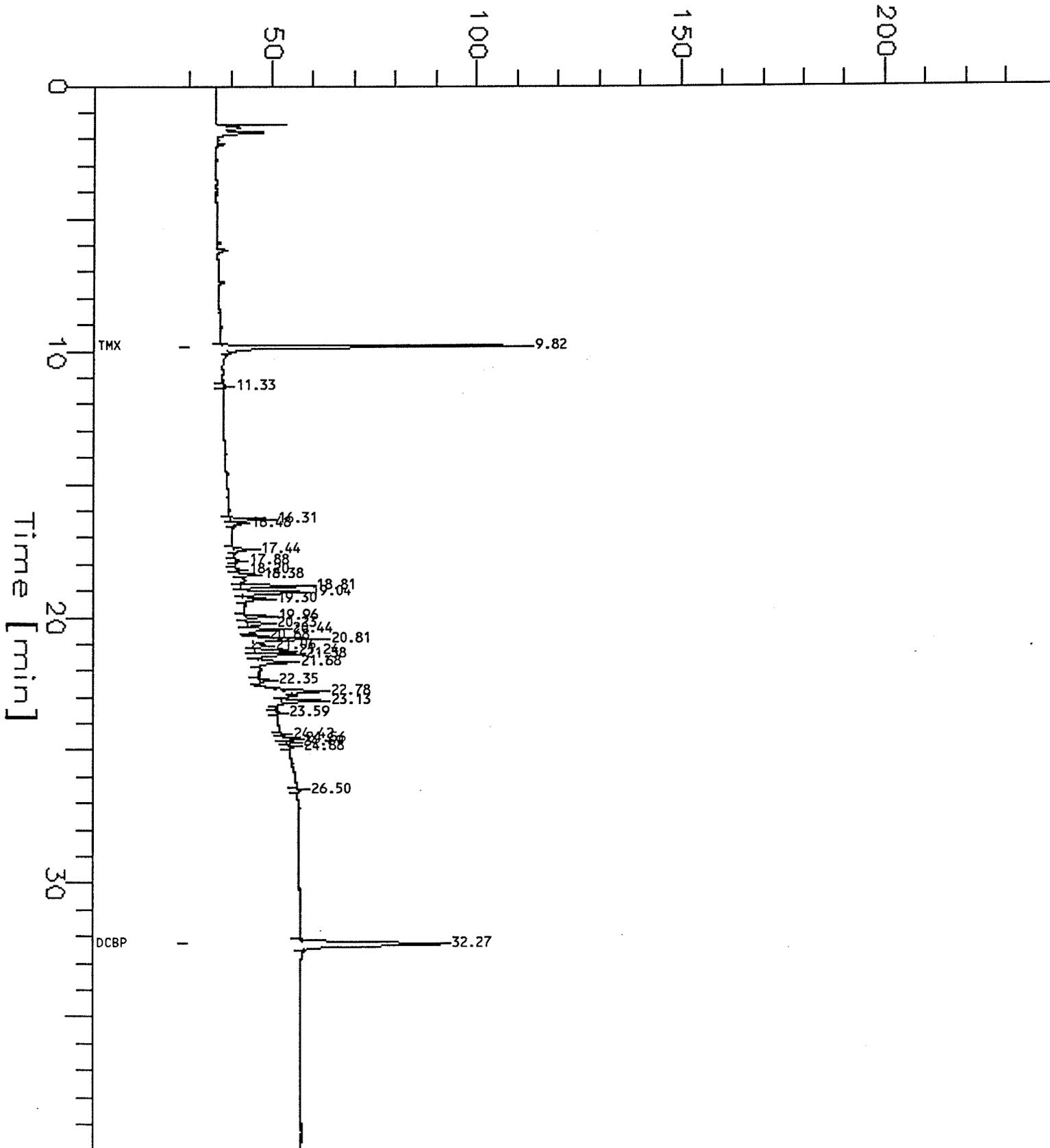
=====
                    5890-9      DB608 COLUMN #152      Channel A
  
```

Sample Name : ICM54DA
FileName : f:\turbo32\khorvat\9a33009.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: AR125401
Date : 8/24/93 12:04
Time of Injection: 8/23/93 17:56
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608

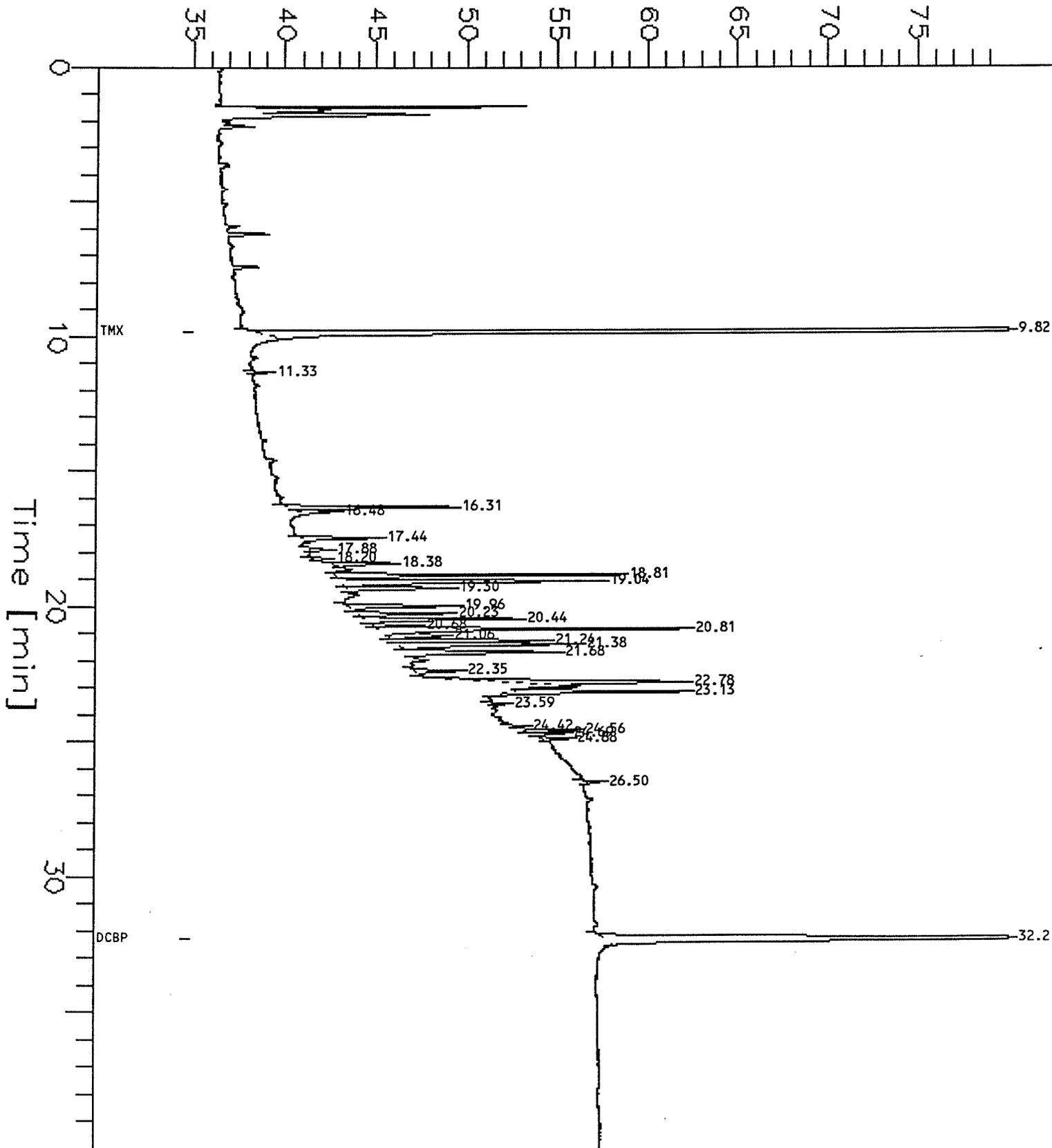


Sample Name : ICM54DA
FileName : f:\turbo32\khorvat\9a33009.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: AR125401
Date : 08/24/93 12:50
Time of Injection: 08/23/93 17:56
Low Point : 35.00 mV
High Point : 80.00 mV
Plot Scale: 45 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM14DM
Sample Number: TOXAPH01
Operator :

Time : 8/24/93 12:06
Study :

Instrument : 970_-9
AutoSampler : NONE
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

```

```

Interface Serial # : 2135574868 Data Acquisition Time: 8/23/93 18:42
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec

```

```

Raw Data File : f:\turbo32\khorvat\9a33010.raw
Result File : f:\turbo32\khorvat\9a33010.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000

Area Reject : 10000.00
Dilution Factor : 1.00

```

```

=====

```

		5890-9	DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.82	344701	TMX	62018.50	BB 0.0161
4	17.30	20211		3554.70	BB 0.0202
7	18.89	26615		4495.21	BB 0.0266
8	19.16	22196		3421.47	BB 0.0222
9	19.82	34273		3049.27	BB 0.0343
10	20.10	23784		4681.84	BV 0.0238
11	20.39	63943		7058.37	VV 0.0639
12	20.48	20628		4867.30	VV 0.0206
13	20.60	12743		3055.06	VB 0.0127
14	20.83	10957		2642.48	BV 0.0110
15	20.97	73953		10663.59	VV 0.0740
16	21.23	68557		11132.36	VV 0.0686
18	21.77	37622		8065.60	BV 0.0376
19	21.90	27136		4799.08	VB 0.0271
20	22.14	47604		5187.14	BB 0.0476
21	22.49	144094		17631.63	BB 0.1441
22	22.69	18847		4317.24	BV 0.0189
23	22.89	89170		10802.07	VV 0.0892
24	22.97	59549		10182.35	VV 0.0596
25	23.19	122441		16024.20	VV 0.1224
26	23.47	90279		14707.50	VV 0.0903
27	23.57	76787		14619.22	VV 0.0768
28	23.71	19483		5031.80	VB 0.0195
29	23.88	64780		12214.02	BB 0.0648
30	24.18	47659		8865.18	BV 0.0477
31	24.34	38530		6522.73	VV 0.0385
32	24.50	47497		8052.08	VV 0.0475
33	24.65	67684		8208.94	VV 0.0677
34	24.92	28897		6355.22	VV 0.0289
35	25.01	49702		8216.21	VV 0.0497
36	25.14	α146315	TOXAPH	26739.89	VB 0.1463
37	25.35	α182066	↓	28485.68	BB 0.1821
38	25.74	α35647		7092.56	BV 0.0357
40	26.10	20070		3219.53	BV 0.0201
41	26.26	35646		4377.78	VB 0.0357
42	26.50	70946		12488.39	BB 0.0710
44	27.07	16306		2896.08	BB 0.0163
45	27.40	36789		5986.14	BV 0.0368
46	27.56	22317		3703.13	VB 0.0223
48	28.57	13283		1892.33	BB 0.0133
49	32.28	287721	DCBP	28602.63	BB 0.0172

2667428

415926.44

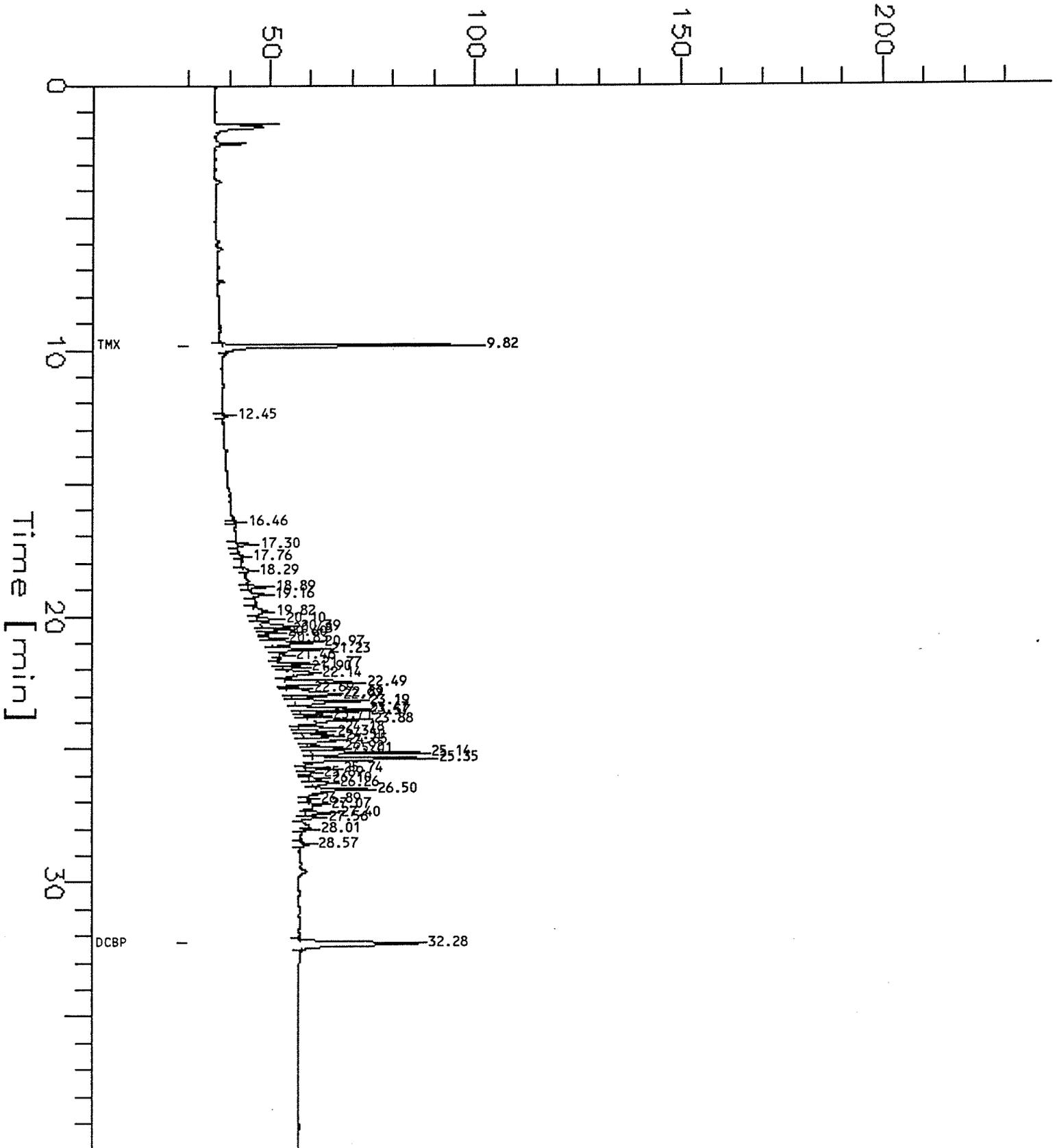
7/21 8:20 143

Sample Name : ICM14DM
FileName : f:\turbo32\khorvat\9a33010.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: TOXAPH01
Date : 8/24/93 12:06
Time of Injection: 8/23/93 18:42
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



5890A9

1.0ul Inj

10523

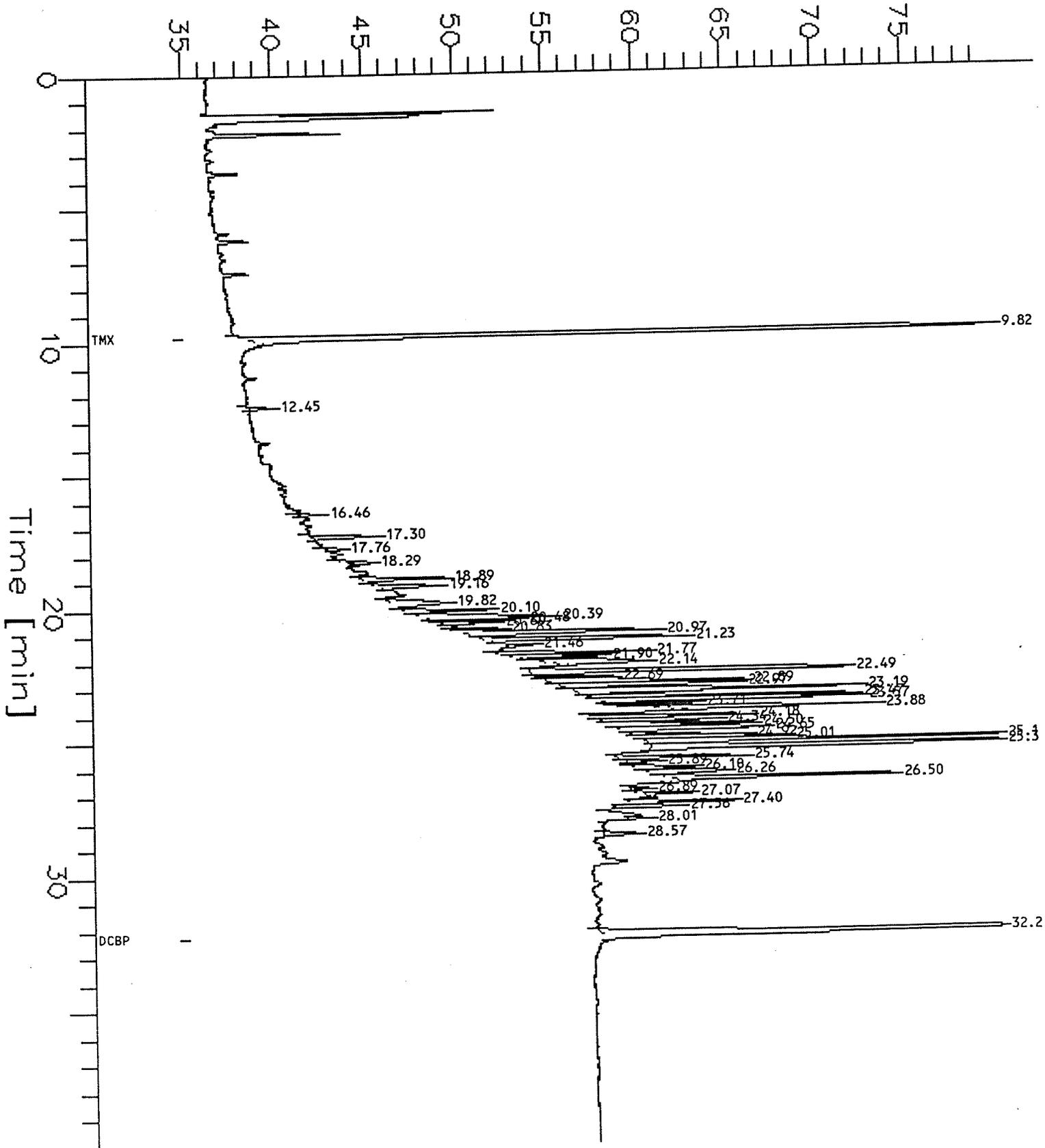
Sample Name : ICM14DM
FileName : f:\turbo32\khorvat\9a33010.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: TOXAPH01
Date : 08/24/93 12:50
Time of Injection: 08/23/93 18:42
Low Point : 35.00 mV
Plot Scale: 45 mV
High Point : 80.00 mV

Page 1 of 1

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM54DA           Time       : 8/31/93 09:10
Sample Number: AR125402        Study      :
Operator    :

Instrument  : 970 -_9           Channel   : A       A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/28/93 13:13
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9a33147.raw
Result File   : f:\turbo32\khorvat\9a33147.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
Peak Ret Time      Area      Component      Height BL Concentration
# [min] [uV/sec] Name [uV] ng
-----
  1  9.81      463814 TMX      80875.98 BB      0.0217
  3 11.64      11183          954.23 BB      0.0112
  4 16.29      60009          10534.71 BV      0.0600
  5 16.46      18973          2761.64 VB      0.0190
  6 17.42      26382          4781.21 BB      0.0264
  9 18.34      36185          5129.38 VV      0.0362
 10 18.56      15339          1846.14 VV      0.0153
 11 18.80      96821 12541          17735.10 VV      0.0968
 12 19.02      112736          17016.97 VV      0.1127
 13 19.27      43855          6960.56 VE      0.0439
 15 19.94      35889          6576.17 BV      0.0359
 16 20.20      33066          5747.10 VV      0.0331
 17 20.42      51335          9605.24 VB      0.0513
 18 20.65      11098          2653.58 BV      0.0111
 19 20.79      119609         19351.27 VE      0.1196
 20 21.03      19643          2597.99 EV      0.0196
 21 21.21      62365          10009.69 VV      0.0624
 22 21.36      61136          9936.08 VB      0.0611
 23 21.65      56074          8947.03 BV      0.0561
 25 22.33      15191          2788.58 BB      0.0152
 26 22.76      86429          9817.16 BB      0.0864
 27 23.11      70040          11655.32 BB      0.0700
 32 32.24      371594 DCBP      37422.91 BB      0.0222
-----
  
```

1878765 285704.06

8/31/93

```

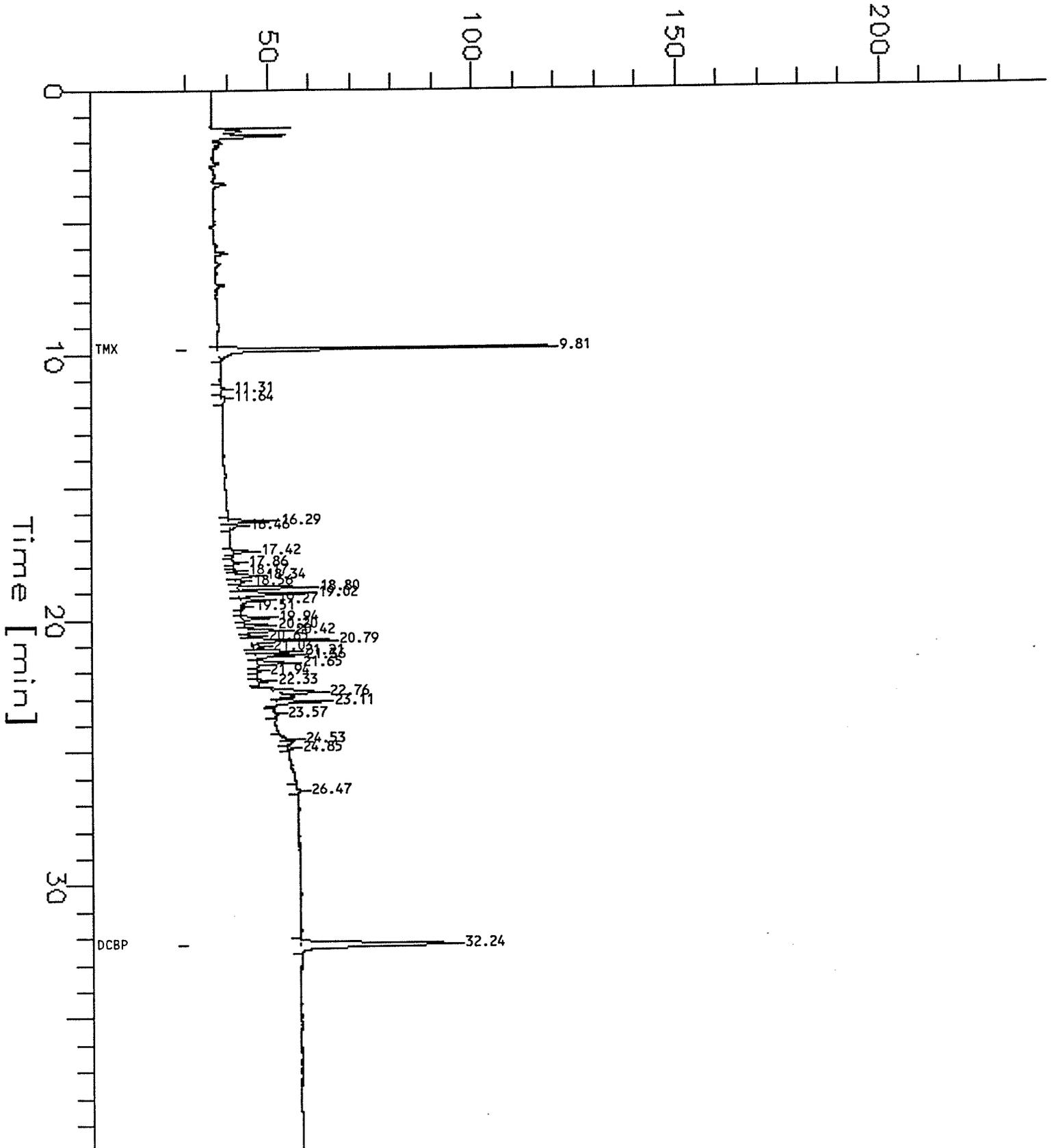
=====
                    5890-9      DB608 COLUMN #152      Channel A
  
```

Sample Name : ICM54DA
FileName : f:\turbo32\khorvat\9a33147.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: AR125402
Date : 8/31/93 09:10
Time of Injection: 8/28/93 13:13
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM42CG          Time       : 8/31/93 09:12
Sample Number: AR124202       Study      :
Operator      :

Instrument   : 970 -_9         Channel  : A    A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial   : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/28/93 13:58
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate    : 2.9412 pts/sec

```

```

Raw Data File : f:\turbo32\khorvat\9a33148.raw
Result File   : f:\turbo32\khorvat\9a33148.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume   : 1 ul          Area Reject : 10000.00
Sample Amount : 1.0000       Dilution Factor : 1.00

```

```

=====

```

		5890-9	DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.80	434354	TMX	81697.13	BB 0.0203
2	11.25	14967		1366.92	BB 0.0150
6	12.30	41095	<i>12u2</i>	6238.74	VB 0.0411
8	13.83	99305		15835.22	VV 0.0993
10	14.60	23365		4302.95	BV 0.0234
11	14.74	11545		2179.89	VV 0.0116
12	14.88	36554		6636.15	VV 0.0366
13	15.18	148279		15397.92	VB 0.1483
14	15.74	47869		7370.82	BV 0.0479
15	15.94	10107		1972.60	VB 0.0101
16	16.30	30281		6022.39	BV 0.0303
17	16.45	18625		4234.72	VB 0.0186
18	17.03	10103		1241.21	BV 0.0101
19	17.41	71780		10534.69	VV 0.0718
20	17.56	39175		5371.21	VV 0.0392
21	17.84	74693		7478.27	VV 0.0747
22	18.02	33034		5074.37	VV 0.0330
23	18.15	54203		7141.99	VV 0.0542
24	18.33	91604		11064.79	VV 0.0916
25	18.55	136661		13769.49	VV 0.1367
26	18.79	63120		7560.48	VV 0.0631
27	19.00	62848		7471.88	VB 0.0629
28	19.27	69341		5570.20	BV 0.0693
29	19.50	64061		7784.43	VB 0.0641
34	20.78	13517		2495.74	VB 0.0135
37	22.70	111635		8344.58	BV 0.1116
38	23.14	19675		2388.66	VB 0.0197
40	27.15	73794		802.05	BB 0.0738
41	32.23	357664	DCBP	36686.94	BB 0.0214

```

-----
                2263251                294036.38

```

```

=====
8/31/93
5890-9          DB608 COLUMN #152          Channel A
=====

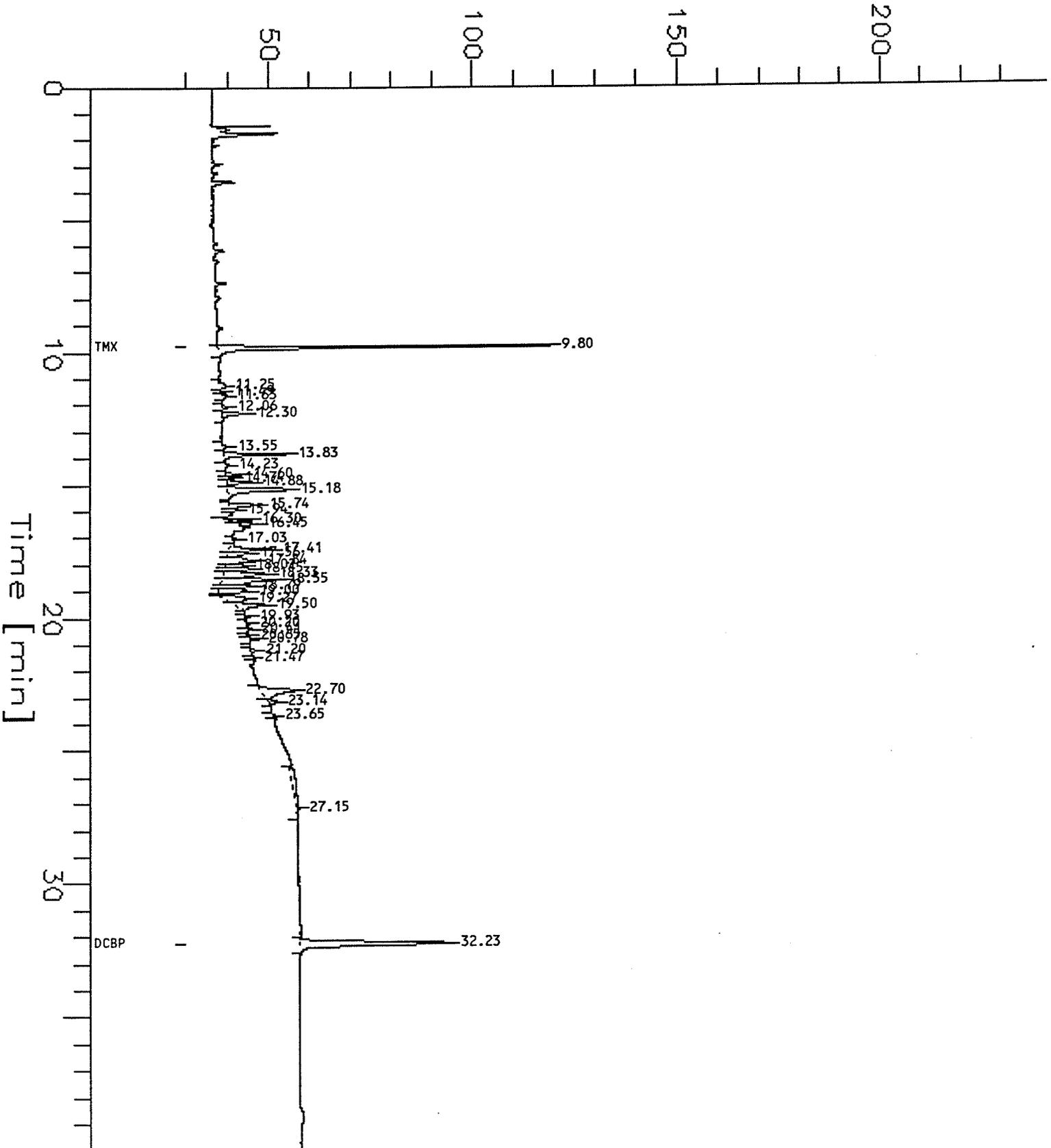
```

Sample Name : ICM42CG
FileName : f:\turbo32\khorvat\9a33148.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: AR124202
Date : 8/31/93 09:12
Time of Injection: 8/28/93 13:58
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM48D
Sample Number: AR124802
Operator :

Time : 8/31/93 09:15
Study :

Instrument : 970 -_9
AutoSampler : NONE
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000
    
```

```

Interface Serial # : 2135574868 Data Acquisition Time: 8/28/93 14:44
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9a33149.raw
Result File : f:\turbo32\khorvat\9a33149.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000

Area Reject : 10000.00
Dilution Factor : 1.00
    
```

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.80	377168	TMX	69699.01	BB	0.0176
4	13.83	57677		9399.06	BB	0.0577
5	14.60	11187		2316.72	BB	0.0112
6	14.89	13507		2780.95	BB	0.0135
7	15.18	107649		10238.30	BB	0.1077
8	15.75	23728		3795.67	BV	0.0237
9	15.94	13575		2700.73	VB	0.0136
10	16.28	71048	1248	14147.67	BB	0.0711
11	16.46	25445		6274.96	BB	0.0254
13	17.42	89269		15471.84	BV	0.0893
14	17.56	34058		5807.03	VV	0.0341
15	17.85	73972		9032.15	VV	0.0740
16	18.03	16710		3189.03	VV	0.0167
17	18.16	40460		6191.34	VV	0.0405
18	18.34	91059		12801.67	VV	0.0911
19	18.55	102635		12471.21	VV	0.1026
20	18.79	54288		8766.88	VV	0.0543
21	19.02	53645		7050.36	VV	0.0536
22	19.27	25647		4382.32	VV	0.0257
23	19.51	67972		8775.04	VV	0.0680
24	19.94	24990		4306.20	VV	0.0250
25	20.20	22047		3539.94	VV	0.0221
26	20.42	24354		4623.22	VB	0.0244
27	20.65	10805		2420.79	BV	0.0108
28	20.79	47623		8371.45	VB	0.0476
29	21.22	17571		3336.11	BB	0.0176
30	21.59	18184		2090.63	BB	0.0182
32	22.75	134374		8856.04	BV	0.1344
33	23.11	30114		3266.74	VB	0.0301
34	23.79	10046		1611.22	BB	0.0101
35	24.87	14274		561.00	BB	0.0143
36	32.24	312940	DCBP	31409.70	BB	0.0187
		2018022		289684.94		

8/31/93 JRC

```

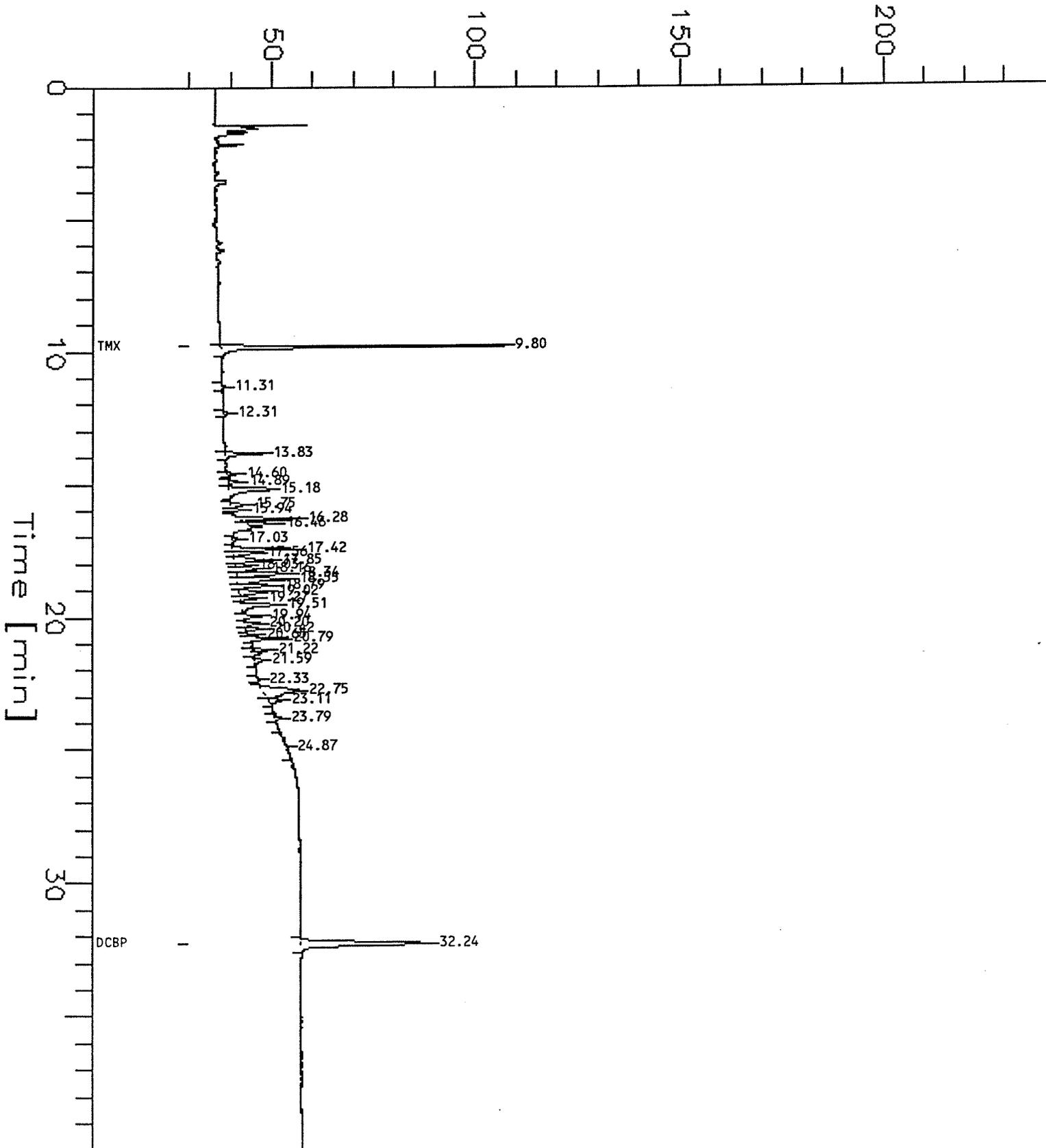
=====
5890-9 DB608 COLUMN #152 Channel A
=====
    
```

Sample Name : ICM48D L *PM 7/1/93*
FileName : f:\turbo32\khorvat\9a33149.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: AR124802
Date : 8/31/93 09:15
Time of Injection: 8/28/93 14:44
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM66DA           Time       : 08/30/93  10:51
Sample Number: AR166002         Study      :
Operator      :

Instrument    : 970_-_9           Channel   : A      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/28/93  15:30
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9a33150.raw
Result File     : f:\turbo32\khorvat\9a33150.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33AN.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject   : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
  
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.81	441529	TMX	79985.31	BB	0.0206
5	12.30	47636	1016	6972.40	VB	0.0476
7	13.83	111310		17720.33	VV	0.1113
9	14.60	27112		5006.10	BV	0.0271
10	14.74	14121		2666.54	VV	0.0141
11	14.88	42592		7691.63	VV	0.0426
12	15.17	173782		17924.00	VB	0.1738
13	15.74	56572		8506.53	BV	0.0566
14	15.94	11279		2299.69	VB	0.0113
15	16.29	38543		7518.11	BV	0.0385
16	16.45	26085		5672.21	VV	0.0261
17	16.57	14865		3008.56	VB	0.0149
19	17.42	64985		10596.28	VV	0.0650
20	17.56	29225		4803.96	VV	0.0292
21	17.85	56432		6495.36	VV	0.0564
22	18.02	18947		3206.56	VV	0.0190
23	18.15	18976		2572.23	VV	0.0190
24	18.34	28024		3672.83	VV	0.0280
25	18.54	44994		5053.80	VV	0.0450
26	18.79	66721		10764.31	VV	0.0667
27	19.01	55134		9764.01	VB	0.0551
28	19.50	36497		1342.13	BB	0.0365
31	20.75	63238	1260	10930.01	BV	0.0632
32	21.05	48180		5174.30	VV	0.0482
33	21.36	121202		19621.30	VV	0.1212
34	21.65	117434		20791.50	VV	0.1174
36	22.32	36809		7208.22	BB	0.0368
37	22.76	124714		16729.71	BV	0.1247
38	22.92	35024		6947.15	VB	0.0350
39	23.10	33925		8222.22	BB	0.0339
40	23.41	29531		6011.08	BB	0.0295
41	23.87	13184		1856.77	BB	0.0132
42	24.39	56049		11052.25	BV	0.0561
43	24.53	12022		2651.79	VV	0.0120
44	24.66	32446		7011.55	VB	0.0325
45	24.84	131511		24209.29	BB	0.1315
46	25.78	31082		2120.61	BV	0.0311
47	26.13	55329		6009.94	VV	0.0553
48	26.31	26065		4286.89	VV	0.0261
49	26.46	73102		11276.70	VB	0.0731
50	28.31	11364		1826.37	BV	0.0114
51	28.46	33344		4330.16	VB	0.0333
52	30.31	11678		1467.94	BB	0.0117
53	32.23	353705	DCBP	36464.30	BB	0.0211

2876296

439442.88

Handwritten notes:
 8/31/93
 [Signature]

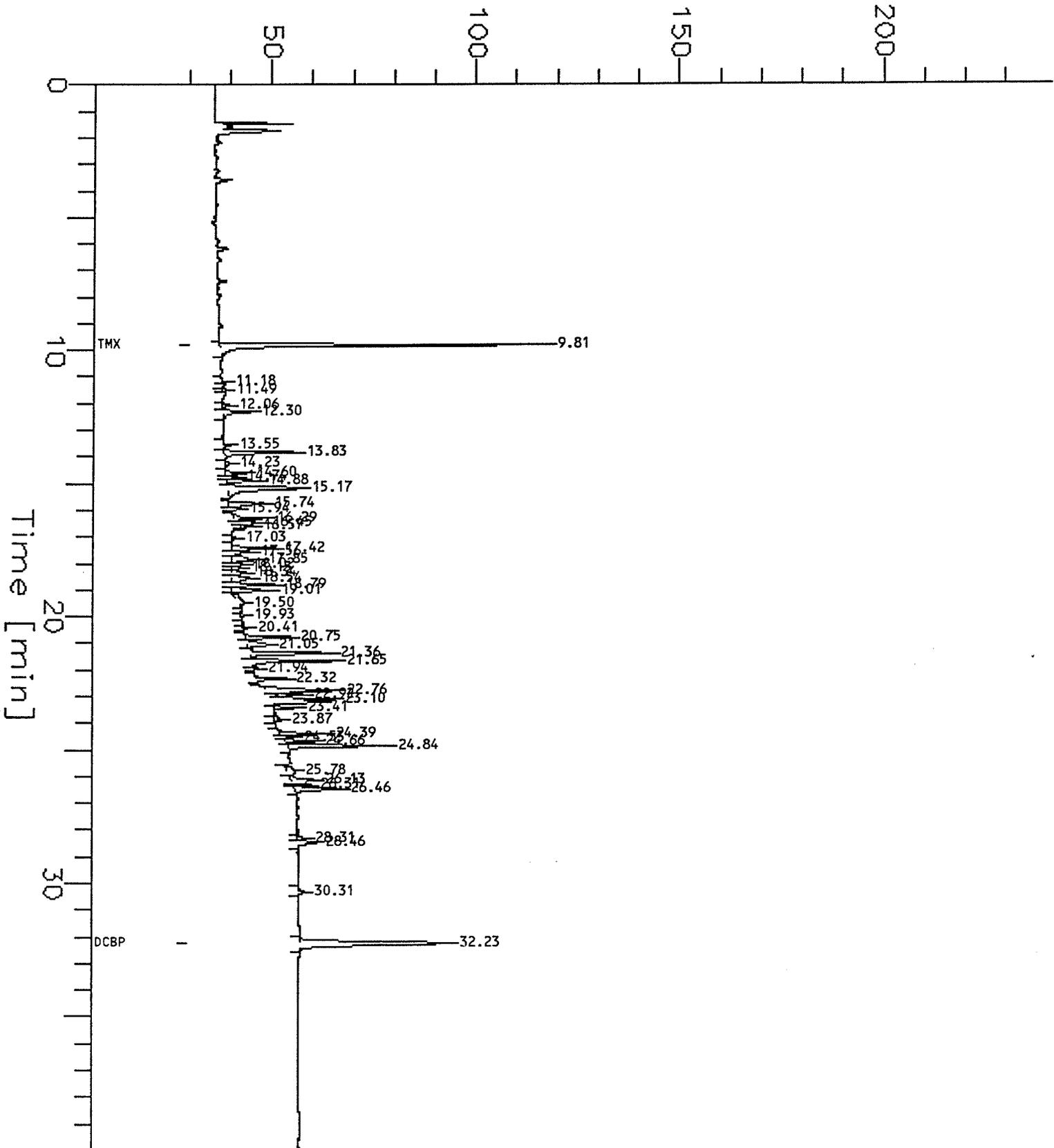
Sample Name : ICM66DA
FileName : f:\turbo32\khorvat\9a33150.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: AR166002
Date : 08/30/93 10:51
Time of Injection: 08/28/93 15:30
Low Point : 30.00 mV
Plot Scale: 200 mV

High Point : 230.00 mV

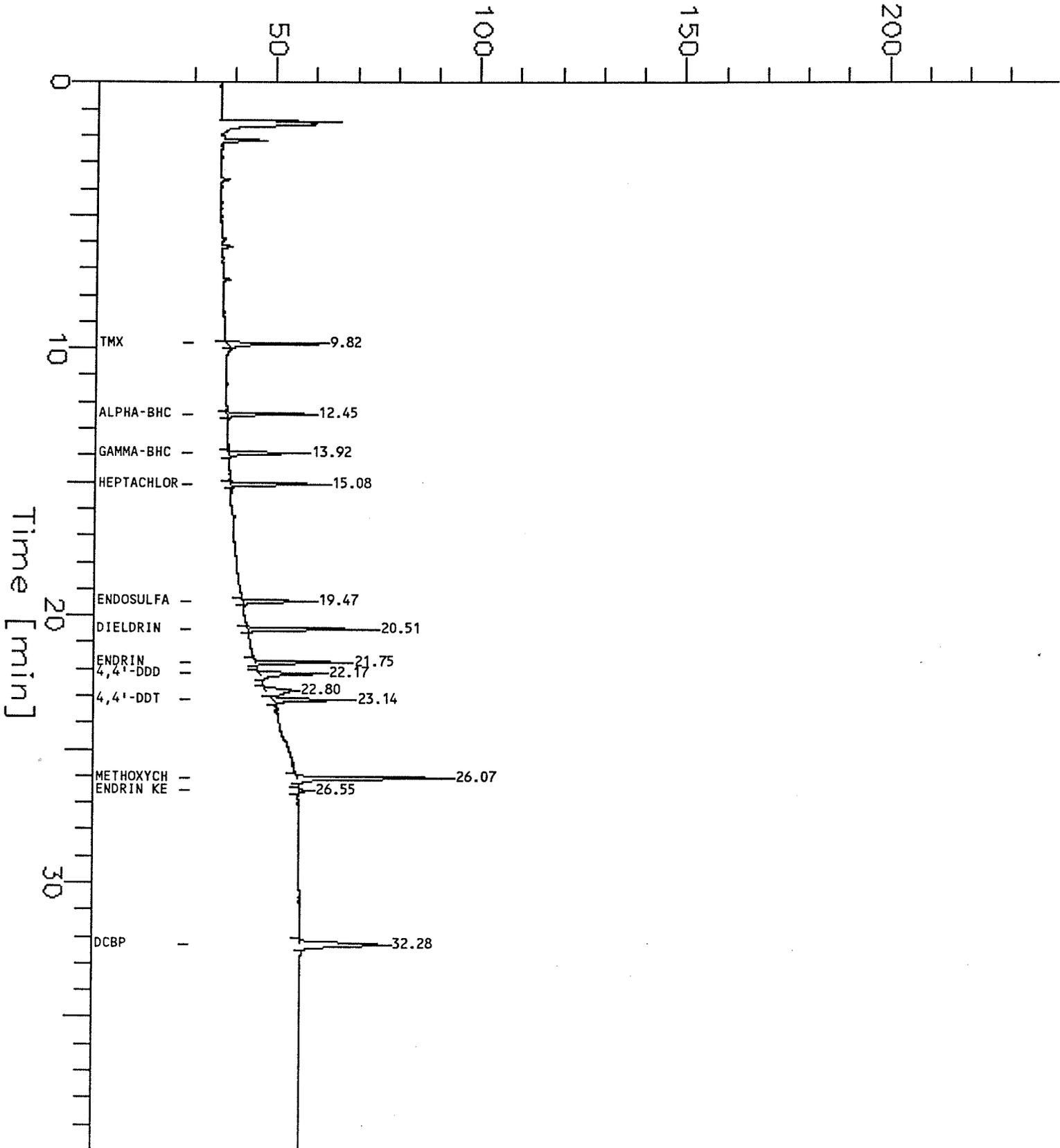
DB608



Sample Name : ICM4CD
FileName : f:\turbo32\khorvat\9a33011.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0

Sample #: INDAL01
Date : 08/24/93 09:38
Time of Injection: 08/23/93 19:28
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



=====

Software Version: 3.2 <10J29>

Sample Name : ICM5BE Time : 08/24/93 09:40
 Sample Number: INDBL01 Study :
 Operator :

Instrument : 970_-9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/23/93 20:13
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33012.raw
 Result File : f:\turbo32\khorvat\9a33012.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33A.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.82	127454	TMX	22938.32	0.0050
2	14.25	56303	beta-BHC	8836.23	0.0050
3	15.56	88989	delta-BHC	14117.04	0.0050
4	16.26	98085	Aldrin	19270.63	0.0050
5	18.24	106031	Hept. epoxide	20950.83	0.0050
6	18.82	113732	gamma chlordane	21681.48	0.0050
7	19.37	111484	alpha chlordane	21375.16	0.0050
8	20.27	139063	4,4'-DDE	22907.14	0.0100
9	22.38	143069	Endosulfan II	27241.92	0.0100
10	22.82	55604		4842.89	0.0556
11	23.47	96991	Endrin aldehyde	17856.32	0.0100
12	23.89	122108	Endo. sulfate	23356.89	0.0100
13	26.54	136350	Endrin ketone	22562.44	0.0100
14	32.28	203870	DCBP	20525.81	0.0100
1599131			268463.06		

9/18/8 8/24/93

=====

5890-9	DB608 COLUMN #152	Channel A
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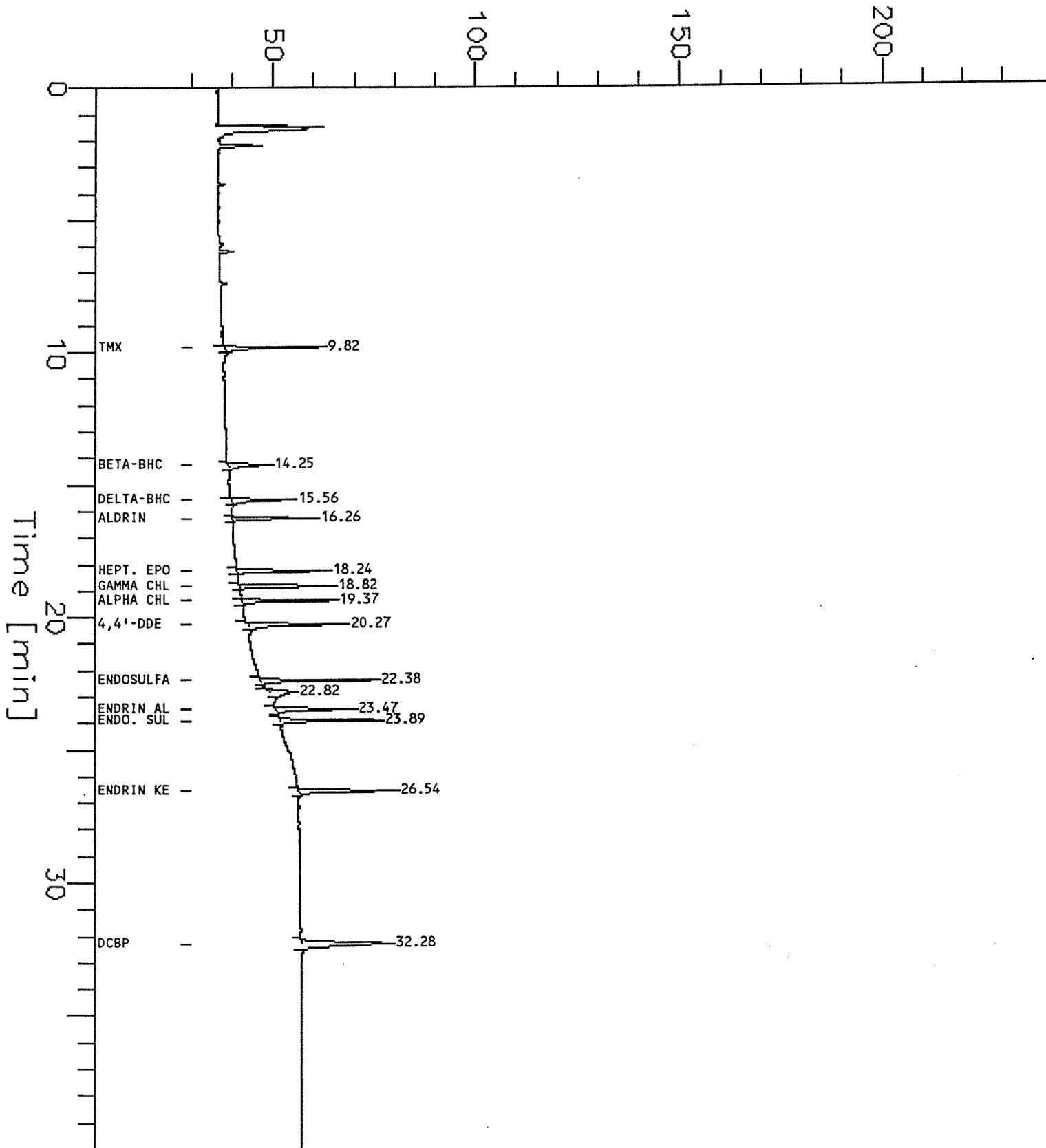
=====

Sample Name : ICM5BE
FileName : f:\turbo32\khorvat\9a33012.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDBL01
Date : 08/24/93 09:40
Time of Injection: 08/23/93 20:13
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM4CE           Time       : 08/24/93 09:36
Sample Number: INDAM01          Study      :
Operator      :
  
```

```

Instrument   : 970 - 9           Channel    : A      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/23/93 20:59
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9a33013.raw
Result File     : f:\turbo32\khorvat\9a33013.rst
Instrument File  : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33A.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject   : 10000.00
Sample Amount   : 1.0000       Dilution Factor : 1.00
  
```

```

=====

```

		5890-9		DB608 COLUMN #152		Channel A	
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration	ng
1	9.83	428317	TMX	75905.21	BB	0.0200	
2	12.46	361041	alpha-BHC	73433.72	BB	0.0200	
3	13.92	328659	gamma-BHC	64504.78	BB	0.0200	
4	15.09	356964	Heptachlor	67865.91	BB	0.0200	
6	19.47	275776	Endosulfan I	52685.43	BB	0.0200	
7	20.52	522713	Dieldrin	105201.05	BB	0.0400	
8	21.76	381004	Endrin	78243.91	BB	0.0400	
9	22.16	366806	4,4'-DDD	57471.98	BB	0.0400	
10	22.79	76616		5802.68	BV	0.0766	
11	23.14	386249	4,4'-DDT	71587.27	VV	0.0400	
12	23.48	16287	Endrin aldehyde	3191.54	VV	0.0400	
15	26.07	820613	Methoxychlor	134708.22	BB	0.2000	
16	26.55	37992	Endrin ketone	6235.92	BB	0.0400	
17	32.29	670106	DCBP	67118.57	BB	0.0400	
		5029144		863956.25			

Handwritten: 8/24/93

```

=====
5890-9      DB608 COLUMN #152      Channel A
=====

```

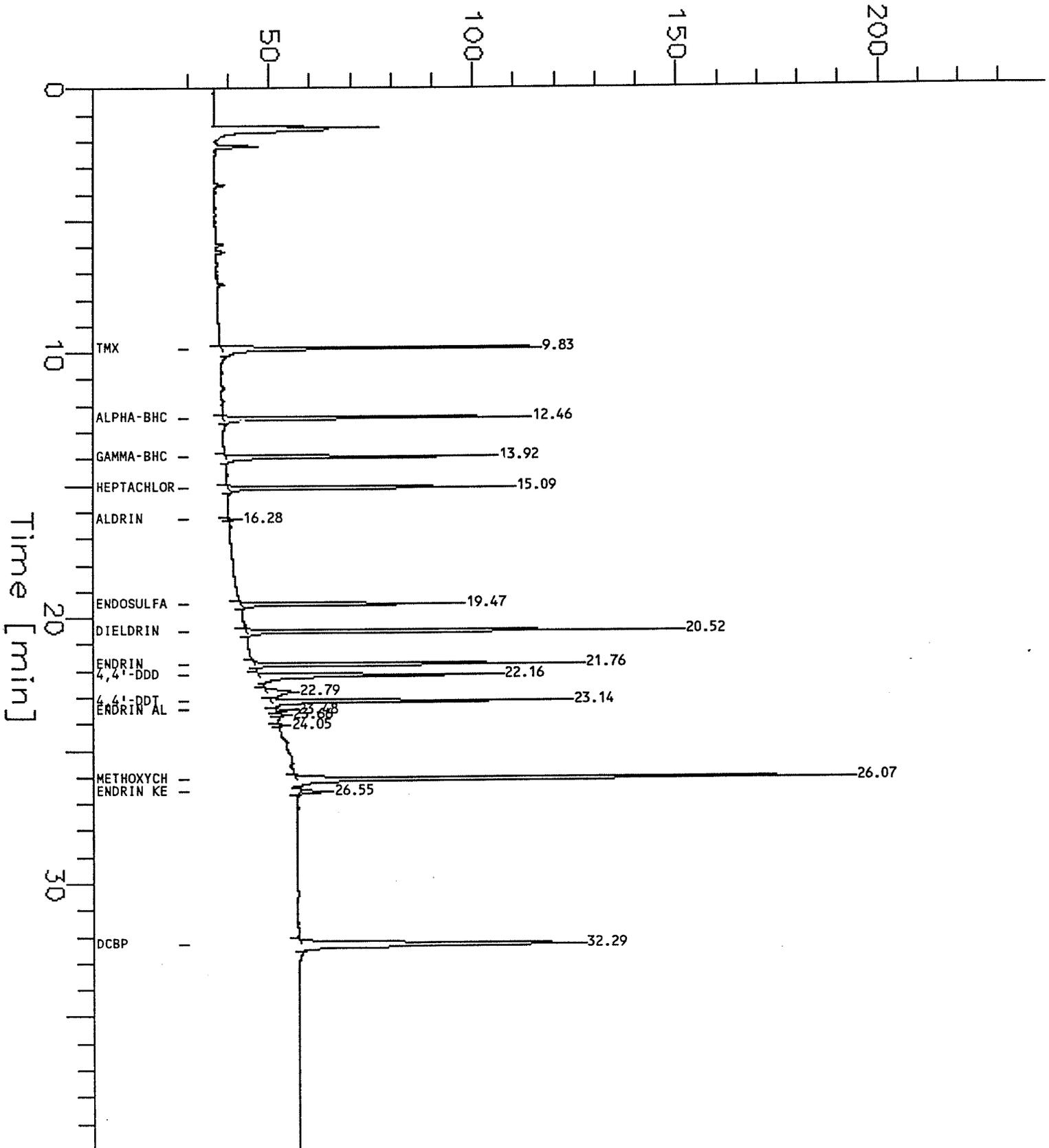
Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9a33013.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAM01
Date : 08/24/93 09:36
Time of Injection: 08/23/93 20:59
Low Point : 30.00 mV
Plot Scale: 200 mV

Page 1 of 1
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name   : 1CM5BF           Time       : 08/24/93 09:37
Sample Number: INDBM01         Study      :
Operator      :

```

```

Instrument   : 970_-9           Channel    : A      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/23/93 21:45
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec

```

```

Raw Data File   : f:\turbo32\khorvat\9a33014.raw
Result File     : f:\turbo32\khorvat\9a33014.rst
Instrument File  : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33A.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume    : 1 ul           Area Reject   : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00

```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	5890-9	DB608	COLUMN #152	Channel A
				Height [uV]	BL	Concentration	ng
1	9.83	437653	TMX	77083.48	BB	0.0200	
3	14.24	204458	beta-BHC	32519.57	BB	0.0200	
5	15.56	323995	delta-BHC	53715.36	BB	0.0200	
6	16.27	324931	Aldrin	64680.31	BB	0.0200	
7	18.25	342727	Hept. epoxide	68036.66	BB	0.0200	
8	18.82	362643	gamma chlordane	68708.71	BB	0.0200	
9	19.37	360784	alpha chlordane	67752.50	BB	0.0200	
10	20.26	494701	4,4'-DDE	86473.59	BB	0.0400	
11	22.38	486604	Endosulfan II	93435.27	BB	0.0400	
12	22.81	47964		4554.64	BB	0.0480	
13	23.47	348343	Endrin aldehyde	62142.48	BV	0.0400	
14	23.89	426405	Endo. sulfate	81413.84	VB	0.0400	
15	26.54	501317	Endrin ketone	84672.55	BB	0.0400	
16	32.29	673183	DCBP	66739.86	BB	0.0400	
				5335708		911928.81	

9/11/93 5:24:19

```

=====
5890-9      DB608 COLUMN #152      Channel A
=====

```

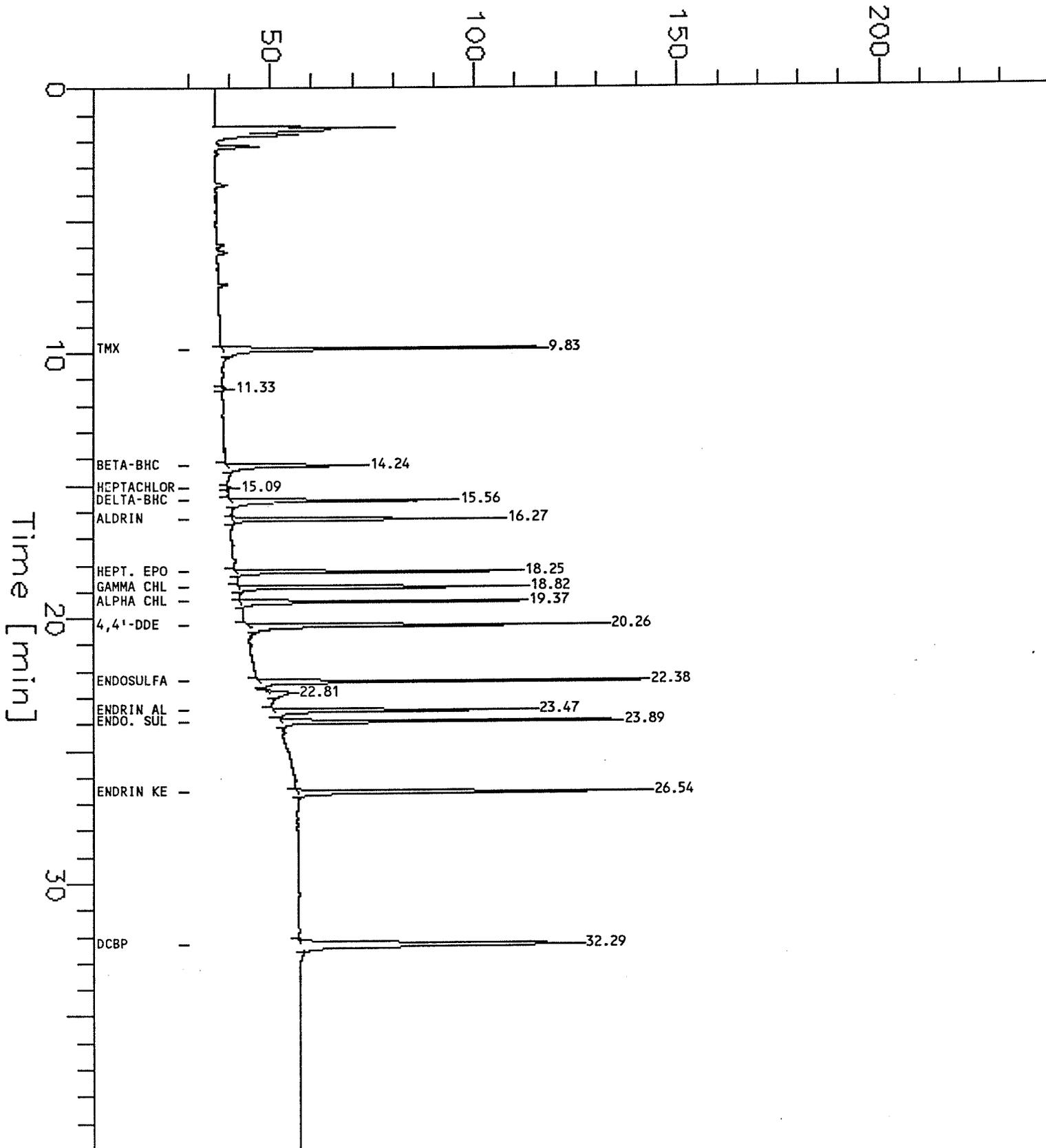
Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9a33014.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDBM01
Date : 08/24/93 09:37
Time of Injection: 08/23/93 21:45
Low Point : 30.00 mV
Plot Scale: 200 mV

High Point : 230.00 mV

DB608



=====
 Software Version: 3.2 <10J29>

Sample Name : ICM4CF Time : 08/24/93 09:41
 Sample Number: INDAH01 Study :
 Operator :

Instrument : 970_9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/23/93 22:31
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33015.raw
 Result File : f:\turbo32\khorvat\9a33015.rst
 Instrument File: f:\turbo32\khorvat\9-330.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33A.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB608 COLUMN #152 Channel A

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.82	1709481	TMX	310569.88	BB	0.0800
3	11.33	19017		3727.55	BB	0.0190
4	11.81	59234		10504.38	BB	0.0592
5	12.46	1699385	alpha-BHC	355855.56	BB	0.0800
6	13.92	1476560	gamma-BHC	293940.38	BB	0.0800
8	15.09	1385352	Heptachlor	269705.69	BB	0.0800
10	16.27	18142	Aldrin	3567.83	BB	0.0800
12	19.48	1120145	Endosulfan I	220969.16	BB	0.0800
14	20.52	2283631	Dieldrin	469709.59	BB	0.1600
15	21.76	1664231	Endrin	337467.41	BB	0.1600
16	22.15	1653018	4,4'-DDD	284280.38	BB	0.1600
17	22.77	56550		4952.58	BV	0.0566
18	23.14	1717804	4,4'-DDT	344060.31	VV	0.1600
19	23.48	70318	Endrin-aldehyde	13373.39	VV	0.1600
20	23.65	29772		4872.72	VB	0.0298
21	24.05	24116		4144.41	BB	0.0241
22	24.67	17360		1990.14	BB	0.0174
23	26.06	3416051	Methoxychlor	582086.31	BV	0.8000
24	26.55	168650	Endrin-ketone	25182.84	VB	0.1600
25	30.36	11961		1609.33	BB	0.0120
26	31.77	16011		1718.99	BB	0.0160
27	32.28	2457430	DCBP	235051.17	BB	0.1600
				21074220		3.77e6

MAN 8/24/93

=====
 5890-9 DB608 COLUMN #152 Channel A
 =====

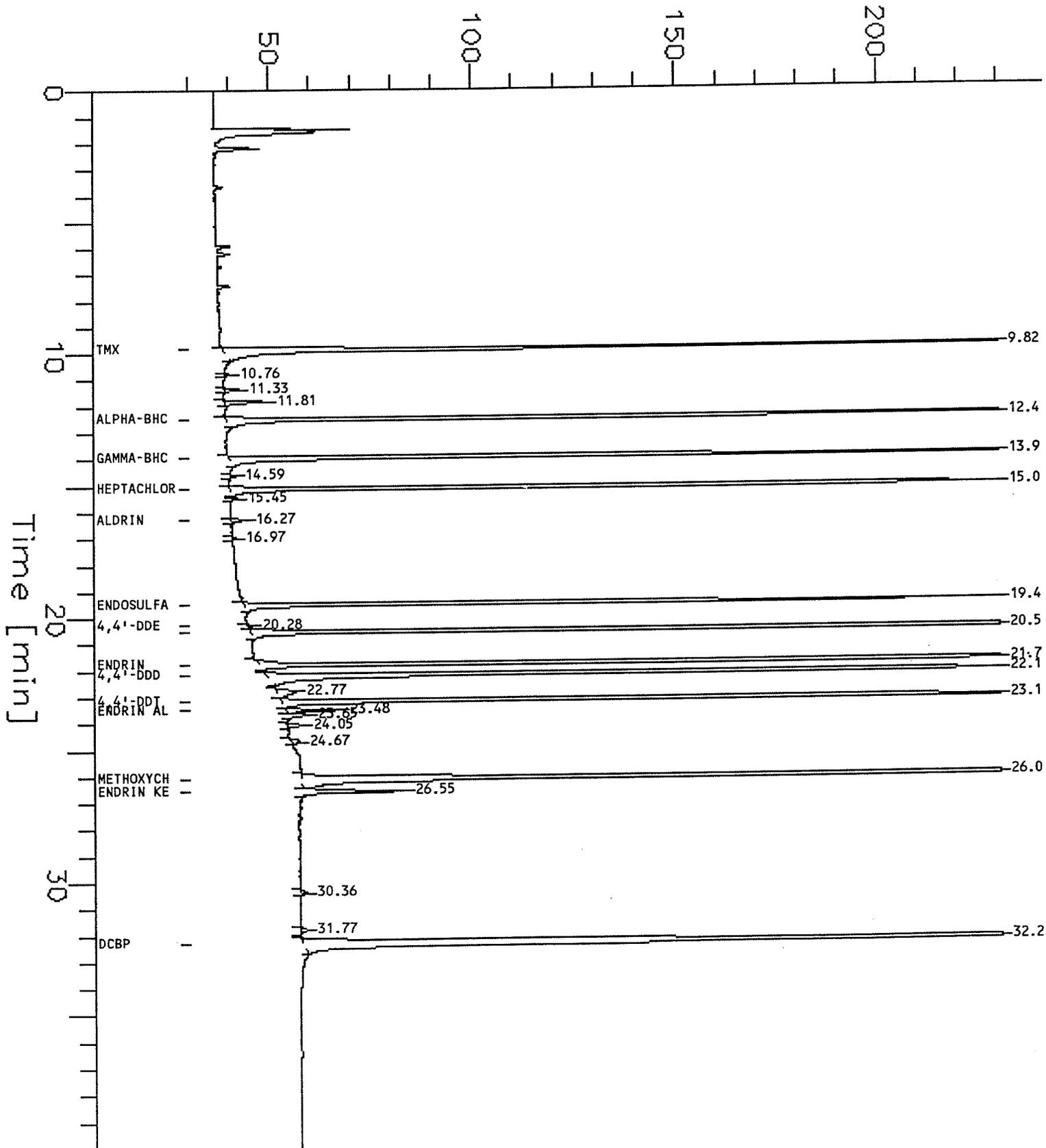
Sample Name : ICM4CF
FileName : f:\turbo32\khorvat\9a33015.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAH01
Date : 08/24/93 09:41
Time of Injection: 08/23/93 22:31
Low Point : 30.00 mV
Plot Scale: 200 mV

Page 1 of 1
High Point : 230.00 mV

DB608



=====
 Software Version: 3.2 <10J29>

Sample Name : ICM58G Time : 08/24/93 09:42
 Sample Number: INDBH01 Study :
 Operator :

Instrument : 970 _9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/23/93 23:17

Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33016.raw
 Result File : f:\turbo32\khorvat\9a33016.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33A.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB608 COLUMN #152 Channel A

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.82	1668267	TMX	306826.97	BB	0.0800
3	11.33	18711		3612.87	BB	0.0187
4	11.81	12459		2408.74	BB	0.0125
5	14.23	833891	beta-BHC	137224.66	BE	0.0800
6	14.58	15725		2309.72	EB	0.0157
7	15.08	16742	Heptachlor	3298.72	BB	0.0800
8	15.55	1535670	delta-BHC	275389.06	BB	0.0800
9	16.27	1394192	Aldrin	287131.78	BB	0.0800
11	17.82	12837		2182.70	BB	0.0128
12	18.25	1352966	Hept. epoxide	273553.44	BB	0.0800
13	18.82	1402002	gamma chlordane	271153.72	BB	0.0800
14	19.37	1381564	alpha chlordane	268695.22	BB	0.0800
15	20.25	2301735	4,4'-DDE	419839.81	BB	0.1600
16	20.99	12581		2960.39	BB	0.0126
17	22.38	2022966	Endosulfan II	396482.84	BV	0.1600
18	22.80	58186		4804.06	VB	0.0582
19	23.47	1392793	Endrin aldehyde	250131.84	BV	0.1600
20	23.89	1884778	Endo. sulfate	354250.72	VE	0.1600
21	24.31	19054		2699.25	EB	0.0191
23	26.09	10102	Methoxychlor	2101.23	BB	0.8000
24	26.54	2193586	Endrin ketone	371773.91	BB	0.1600
25	27.75	11141		2010.41	BB	0.0111
26	30.36	11315		1500.73	BB	0.0113
27	31.75	13574		1630.11	BB	0.0136
28	32.28	2458966	DCBP	240702.67	BB	0.1600
				22035800	3.88e6	

7/9/93 8/24/93

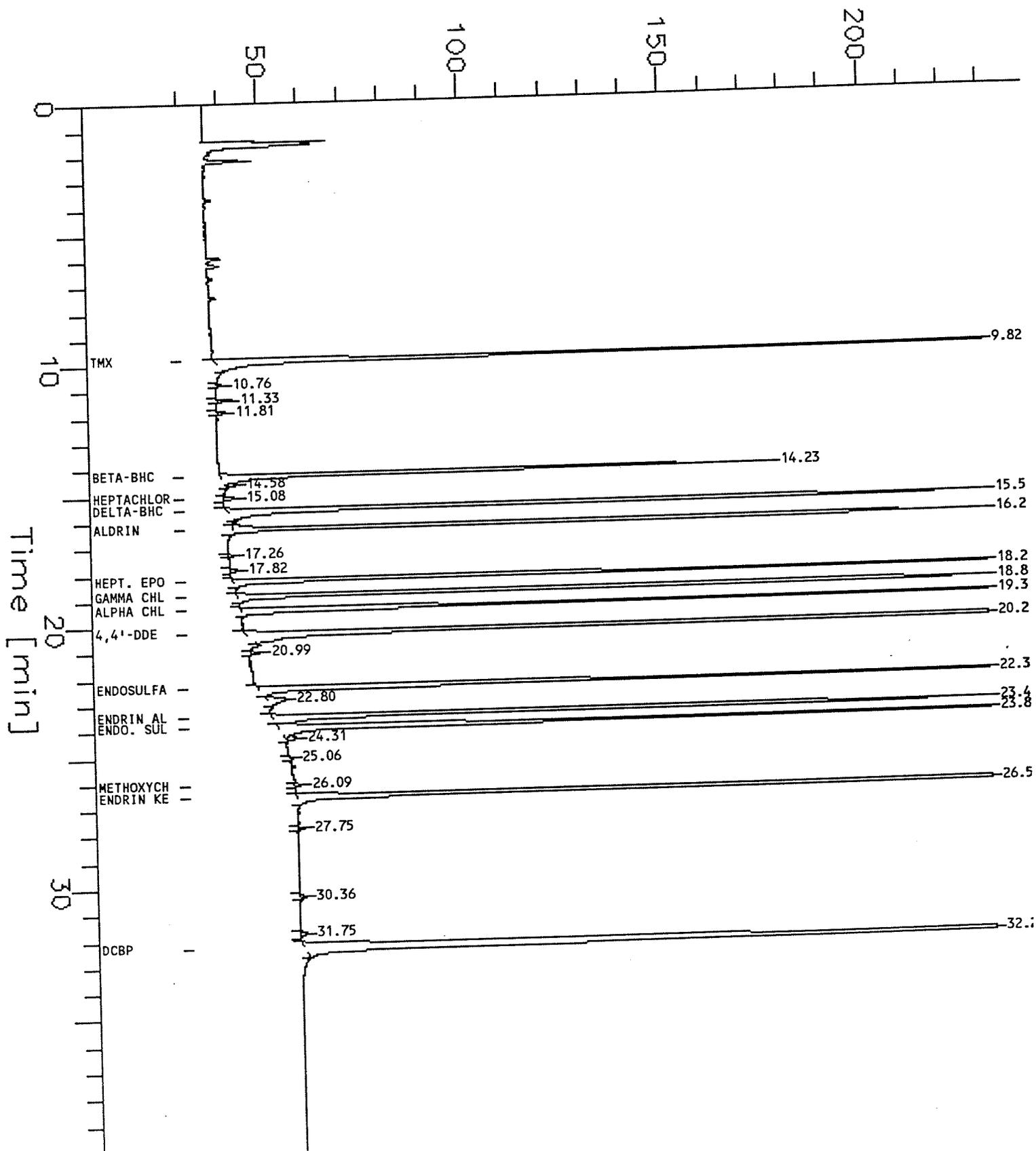
=====
 5890-9 DB608 COLUMN #152 Channel A
 =====

Sample Name : ICM5BG
FileName : f:\turbo32\khorvat\9a33016.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDBH01
Date : 08/24/93 09:42
Time of Injection: 08/23/93 23:17
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time       : 8/24/93  11:49
Sample Number: PEM01          Study        :
Operator      :

Instrument   : 970_ _9         Channel : A      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  13:20
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9a33003.raw
Result File     : f:\turbo32\khorvat\9a33003.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33AX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject    : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

```

=====
  
```

		5890-9		DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration	ng
1	9.82	347340	TMX	64647.68	BB	0.0162
2	12.46	160570	alpha-BHC	32493.30	BB	0.0089
3	13.92	156947	gamma-BHC	30794.16	BB	0.0096
4	14.24	96868	beta-BHC	15728.73	BB	0.0095
8	21.75	428864	Endrin	87310.86	BB	0.0450
9	22.17	21386	4,4'-DDD	3911.64	BB	0.0023
10	22.76	104954		7922.29	BV	0.1050
11	23.14	856415	4,4'-DDT	159953.56	VE	0.0887
12	23.48	22947	Endrin aldehyde	3547.74	EV	0.0026
13	23.65	13119		1887.53	VV	0.0131
16	26.06	813804	Methoxychlor	137243.89	BB	0.1983
17	26.55	32111	Endrin ketone	5370.92	BB	0.0026
18	32.28	283852	DCBP	28938.04	BB	0.0169
		3339177		579750.44		

Handwritten: 8/24/93

```

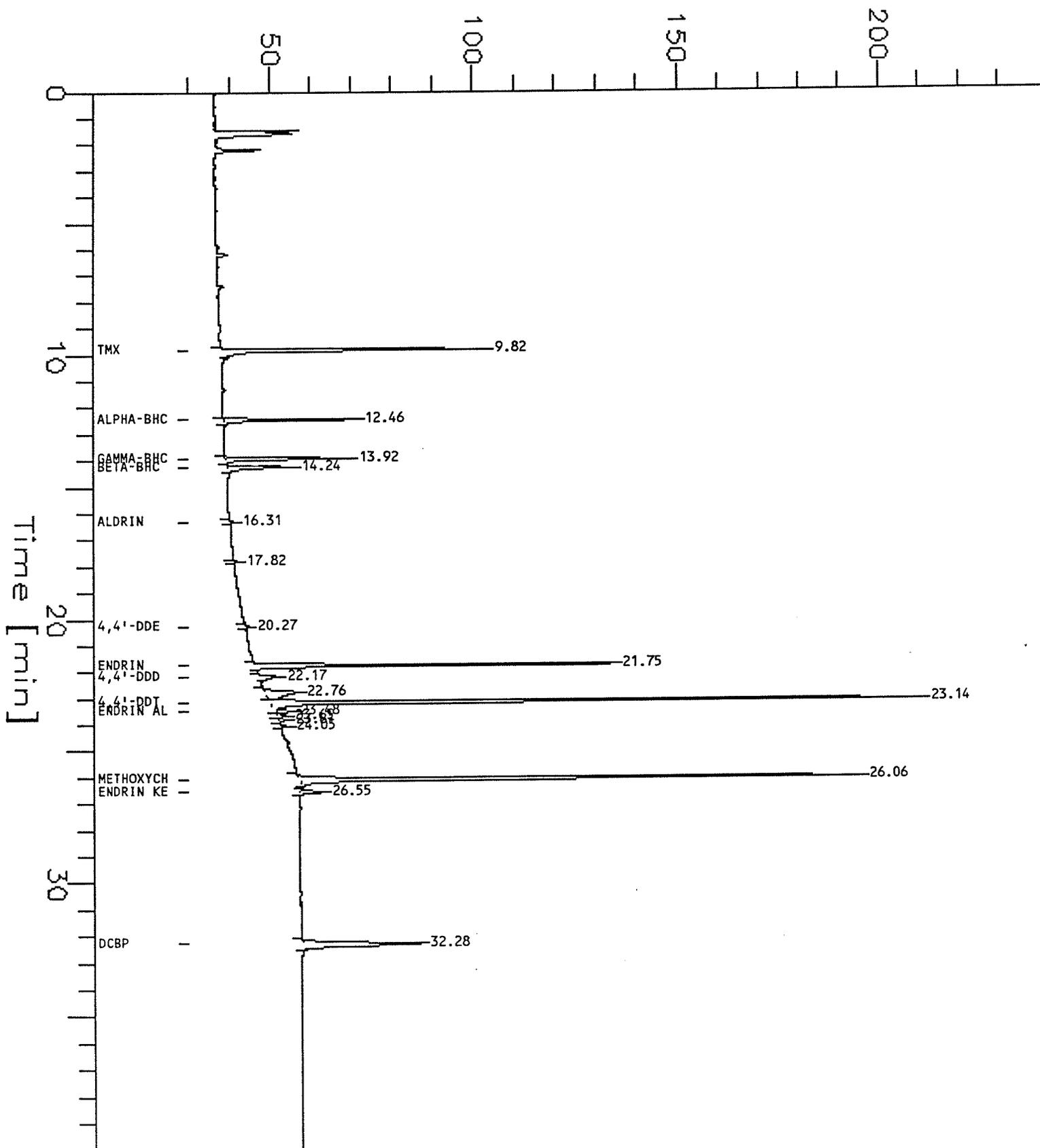
=====
5890-9          DB608 COLUMN #152      Channel A
=====
  
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33003.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM01
Date : 8/24/93 11:49
Time of Injection: 8/23/93 13:20
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB Time : 08/24/93 12:32
Sample Number: PEM02 Study :
Operator :

Instrument : 970_-9 Channel : A A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/24/93 (12:48) : 0048
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec

*med
9/7/93*

Raw Data File : f:\turbo32\khorvat\9a33018.raw
Result File : f:\turbo32\khorvat\9a33018.rst
Instrument File: f:\turbo32\khorvat\9-330.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
Sample Amount : 1.0000 Dilution Factor : 1.00

=====

		5890-9	DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.83	351276	TMX	61364.80	BB 0.0164
2	12.46	161760	alpha-BHC	31790.21	BB 0.0090
3	13.93	159551	gamma-BHC	30077.02	BB 0.0097
4	14.26	95921	beta-BHC	14567.25	BB 0.0094
7	21.76	440388	Endrin	88433.63	BB 0.0462
8	22.18	20231	4,4'-DDD	3682.62	BB 0.0022
9	22.80	21181		2811.96	BB 0.0212
10	23.14	853624	4,4'-DDT	161438.08	BV 0.0884
11	23.48	16069	Endrin aldehyde	2919.67	VB 0.0019
14	26.07	948602	Methoxychlor	156515.30	BB 0.2312
15	26.55	33431	Endrin ketone	5424.24	BB 0.0027
16	32.29	294034	DCBP	29554.65	BB 0.0176
		3396069		588579.44	

7/91 8/24/93

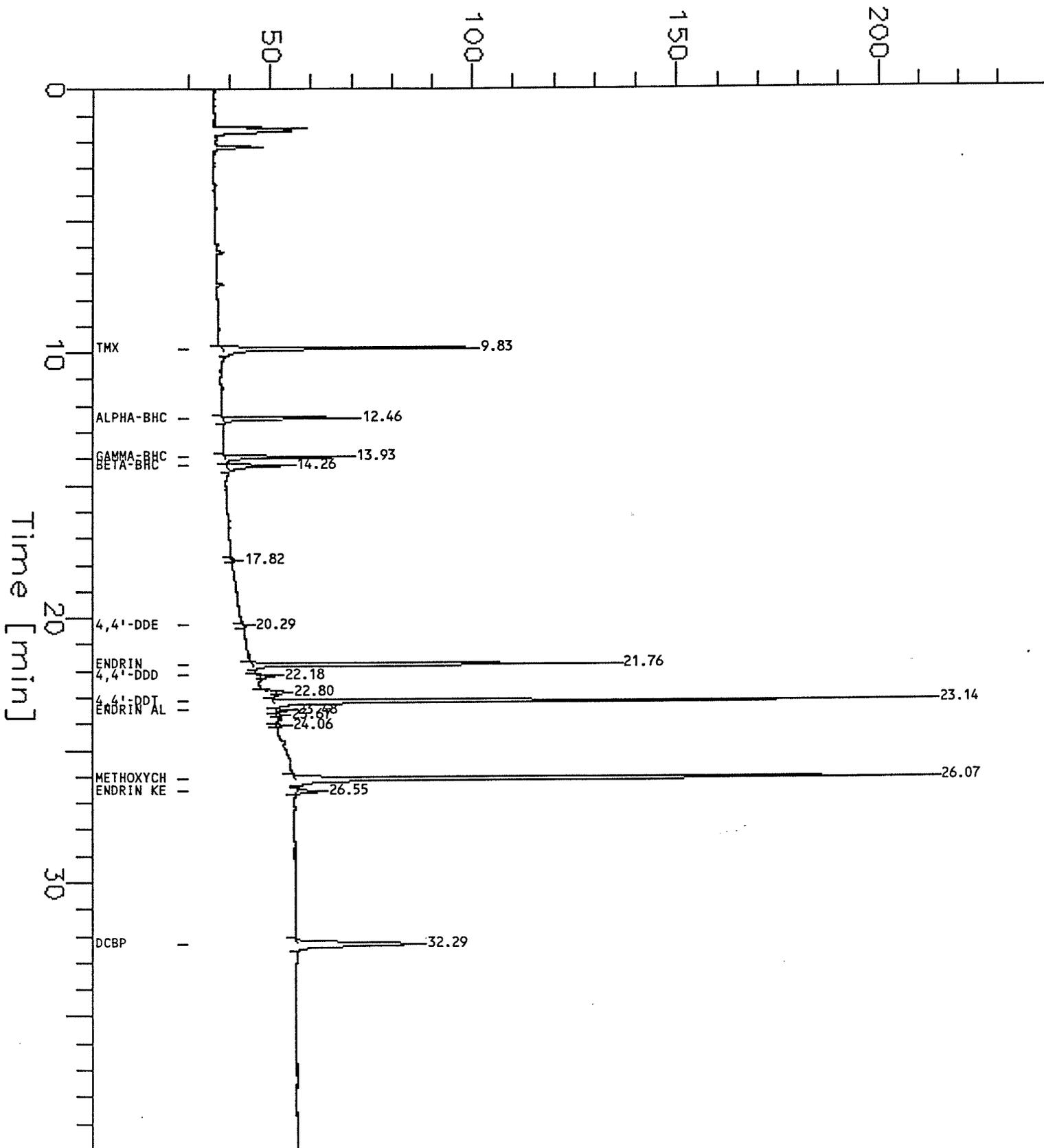
=====
5890-9 DB608 COLUMN #152 Channel A
=====

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33018.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM02
Date : 08/24/93 12:32
Time of Injection: 08/24/93 (42.48) X 4.8
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB
Sample Number: PEM03
Operator :
Time : 08/25/93 08:50
Study :
Instrument : 970_-9
AutoSampler : NONE
Rack/Vial : 0/0
Channel : A A/D mV Range : 1000
=====

```

```

Interface Serial # : 2135574868 Data Acquisition Time: 08/24/93 22:13
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
=====

```

```

Raw Data File : f:\turbo32\khorvat\9a33045.raw
Result File : f:\turbo32\khorvat\9a33045.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
=====

```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000
Area Reject : 10000.00
Dilution Factor : 1.00
=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.80	349906	TMX	72932.76	BB 0.0163
3	12.43	160333	alpha-BHC	35415.46	BB 0.0089
4	13.89	154657	gamma-BHC	33231.59	BB 0.0094
5	14.19	95868	beta-BHC	19045.58	BB 0.0094
7	21.73	436288	Endrin	91151.82	BB 0.0458
8	22.12	19842	4,4'-DDD	4020.25	BB 0.0022
9	22.69	57463		6613.08	BB 0.0575
10	23.11	822215	4,4'-DDT	177387.23	BB 0.0852
14	25.50	80114		813.95	VB 0.0801
15	26.03	1031148	Methoxychlor	196144.08	BB 0.2513
16	26.51	20083	Endrin ketone	3443.99	BB 0.0016
17	32.22	252403	DCBP	26668.97	BB 0.0151
3480320			666868.75		

8/25/93 *SR*

```

=====
5890-9 DB608 COLUMN #152 Channel A
=====

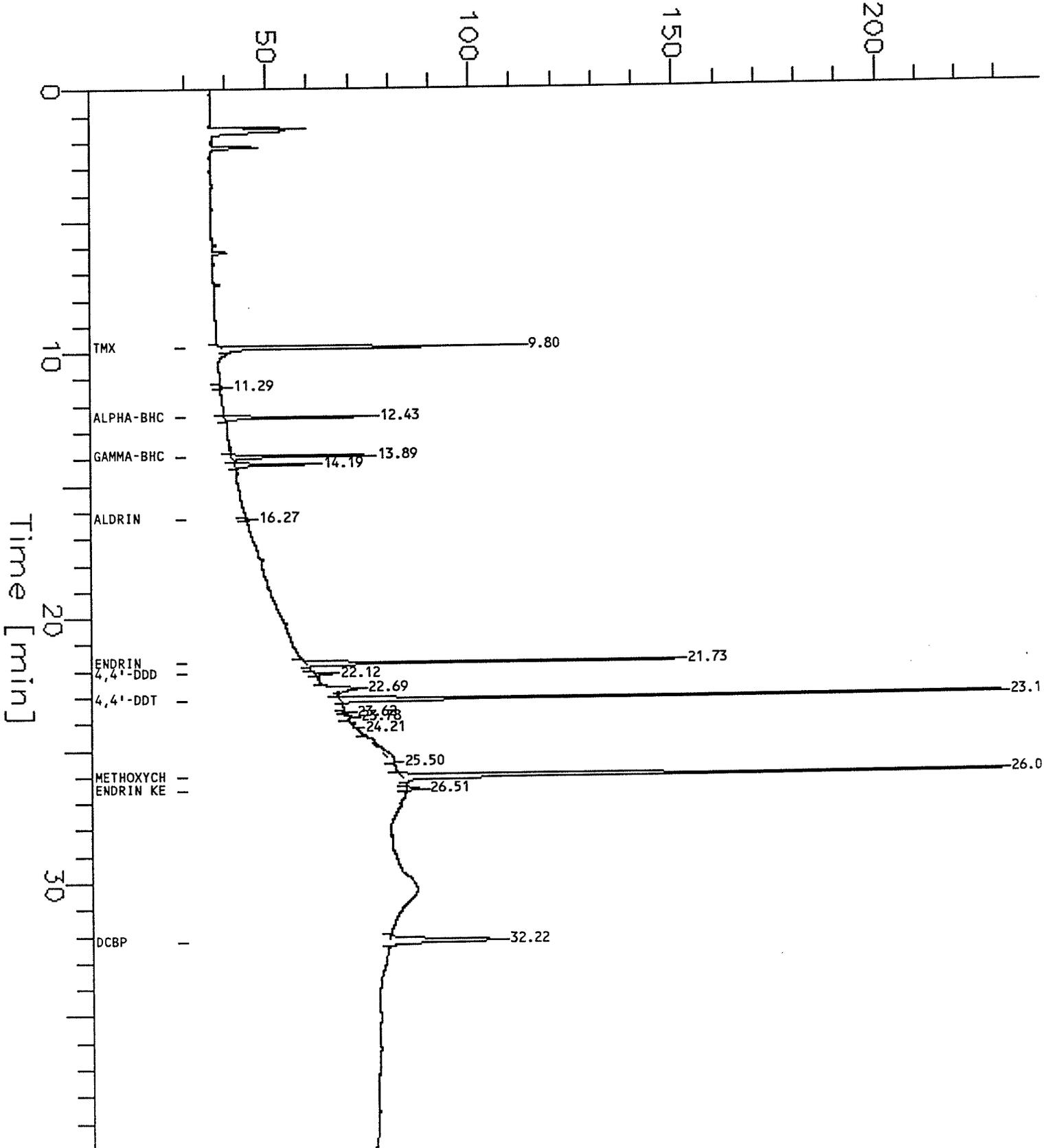
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33045.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM03
Date : 08/25/93 08:50
Time of Injection: 08/24/93 22:13
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



=====

Software Version: 3.2 <10J29>
 Sample Name : ICM1DB Time : 8/30/93 16:23
 Sample Number: PEM04 Study :
 Operator :
 Instrument : 970_-_9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/25/93 20:07
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33066.raw
 Result File : f:\turbo32\khorvat\9a33066.rst
 Instrument File: f:\turbo32\khorvat\9-330.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.80	398600	TMX	68039.06	0.0186
3	12.43	166526	alpha-BHC	34432.50	0.0092
4	13.89	160357	gamma-BHC	32209.18	0.0098
5	14.21	106469	beta-BHC	18027.60	0.0104
9	21.73	478433	Endrin	98654.32	0.0502
10	22.13	38398	4,4'-DDD	5437.24	0.0042
11	22.71	128070		9811.62	0.1281
12	23.11	943107	4,4'-DDT	186180.33	0.0977
13	23.45	18341	Endrin aldehyde	2343.97	0.0021
14	23.63	15354		1938.35	0.0154
15	23.78	14891		2022.02	0.0149
16	24.03	10092		1570.90	0.0101
18	26.03	1117712	Methoxychlor	195595.63	0.2724
19	26.51	34002	Endrin ketone	5001.01	0.0027
21	32.22	297941	DCBP	31023.39	0.0178
3928291			692287.06		

=====

8/31/93

=====

5890-9 DB608 COLUMN #152 Channel A

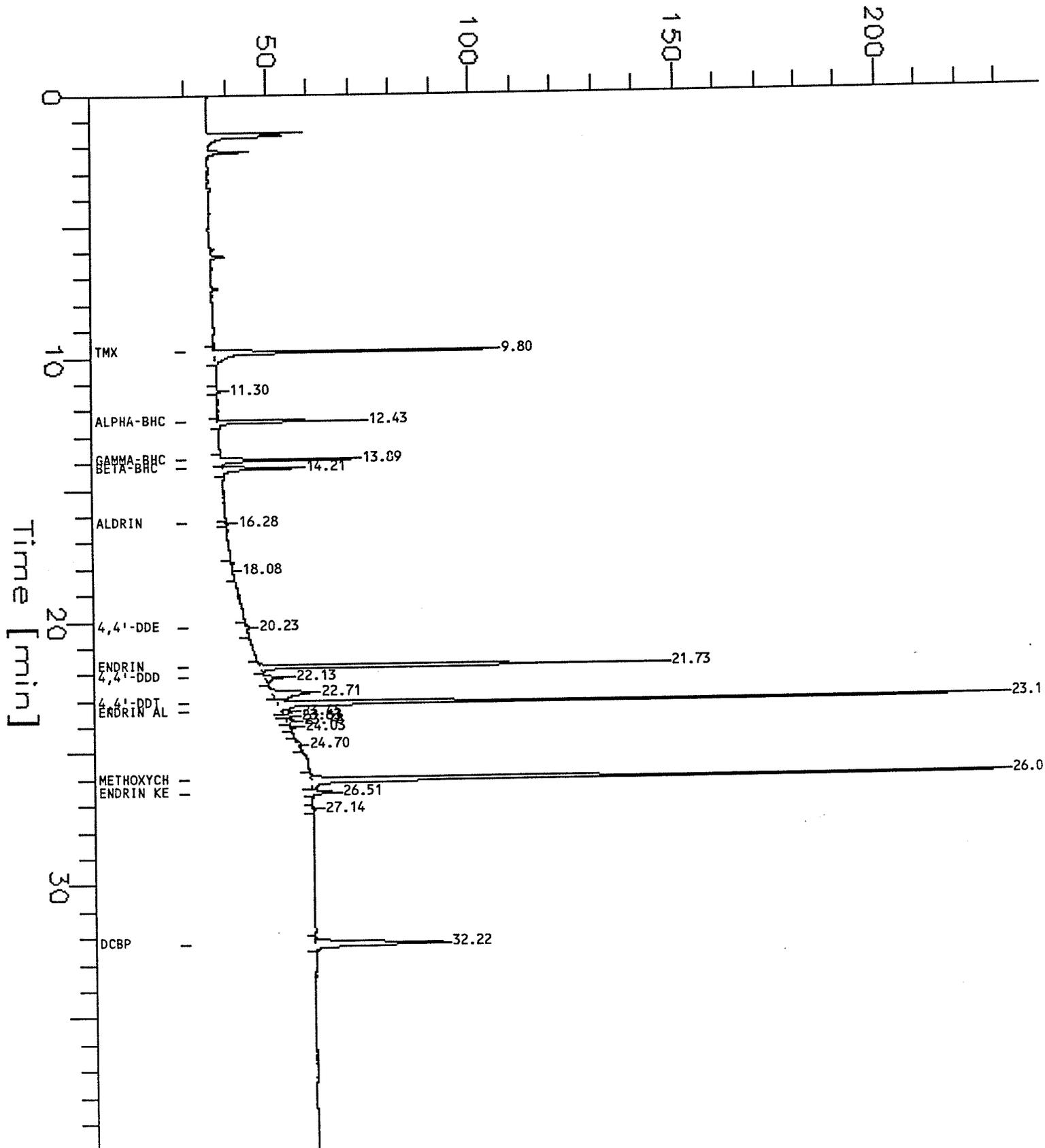
=====

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33066.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM04
Date : 8/30/93 16:23
Time of Injection: 8/25/93 20:07
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time       : 8/27/93 09:16
Sample Number: PEM05          Study      :
Operator   :

Instrument  : 970 _ _9        Channel : A   A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/26/93 17:31
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File  : f:\turbo32\khorvat\9a33093.raw
Result File    : f:\turbo32\khorvat\9a33093.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33A.prc
Sample File    : f:\turbo32\khorvat\9-33AX.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
Peak Ret Time      Area          Component          Height      BL Concentration
# [min] [uV/sec]      Name              [uV]        ng
-----
  1   9.78      386300  TMX                73174.06  BB      0.0180
  4  12.41      166815  alpha-BHC          35968.14  BB      0.0092
  5  13.88      160657  gamma-BHC          34508.38  BV      0.0098
  6  14.18      107950  beta-BHC           20419.96  VB      0.1080 0.0106
  7  17.61      160907                          387.05   BV      0.1609
 10  19.83      153757                          1625.00  BB      0.1538
 11  21.71      468645  Endrin             99531.35  BB      0.0492
 12  22.10      32547   4,4'-DDD           6754.15  BB      0.0036
 13  22.66      115416                          9759.33  BV      0.1154
 14  23.09      901398  4,4'-DDT          193266.13  VB      0.0934
 18  24.62      31598                          2019.22  VV      0.0316
 19  25.47      63032                          1841.67  VV      0.0630
 20  26.01      1171317  Methoxychlor       209370.17  VV      0.2855
 21  26.49      32858   Endrin ketone      4544.85  VB      0.0026
 22  32.18      278484  DCBP               29723.47  BB      0.0166
-----
                    4231681          722893.00
  
```

8/31/93

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
=====
  
```

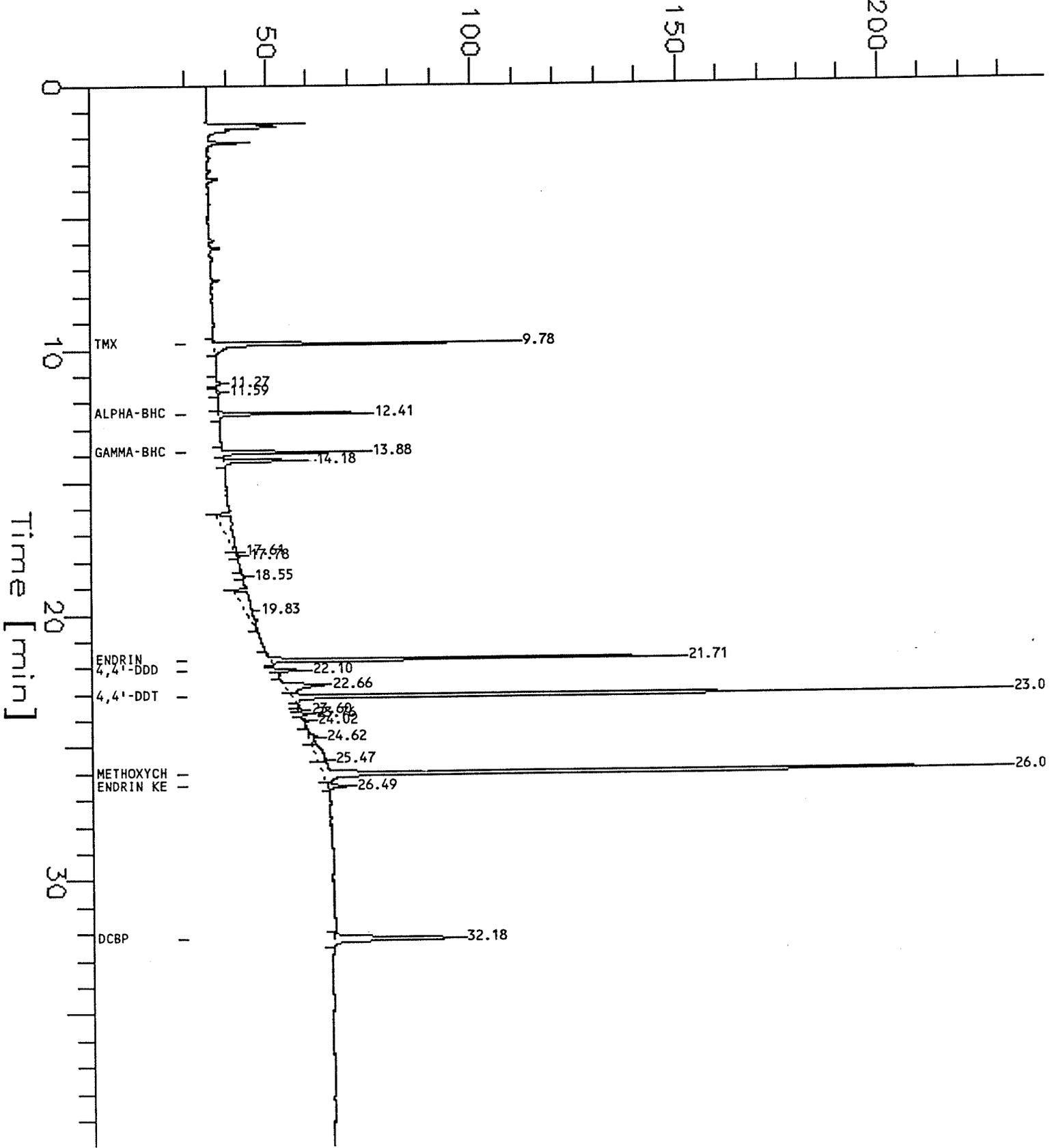
Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33093.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM05
Date : 8/27/93 09:16
Time of Injection: 8/26/93 17:31
Low Point : 30.00 mV
Plot Scale: 200 mV

Page 1 of 1
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time       : 8/30/93 16:29
Sample Number: PEM06          Study      :
Operator    :

Instrument  : 970_-9           Channel   : A      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/27/93 14:16
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
    
```

```

Raw Data File : F:\TURBO32\KHORVAT\9a33117.raw
Result File   : C:\windows\temp\~rst3E36.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : <none>
    
```

```

Inj. Volume   : 1 ul           Area Reject : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
    
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.80	338415	TMX	66307.48	BB	0.0158
3	12.43	154781	alpha-BHC	33127.60	BB	0.0086
4	13.89	149410	gamma-BHC	31232.33	BV	0.0091
5	14.20	100151	beta-BHC	18228.54	VB	0.0098
10	21.73	433962	Endrin	90101.06	BV	0.0456
11	22.12	55393	4,4'-DDD	8777.87	VB	0.0060
12	22.69	142780		11082.04	BV	0.1428
13	23.10	786038	4,4'-DDT	163940.80	VB	0.0814
18	24.64	11333		1569.35	BB	0.0113
19	26.03	927104	Methoxychlor	171726.84	BB	0.2260
20	26.51	28618	Endrin ketone	4919.12	BB	0.0023
21	32.21	263456	DCBP	27785.51	BB	0.0157

			3391443	628798.50		

8/30/93 *qa*

```

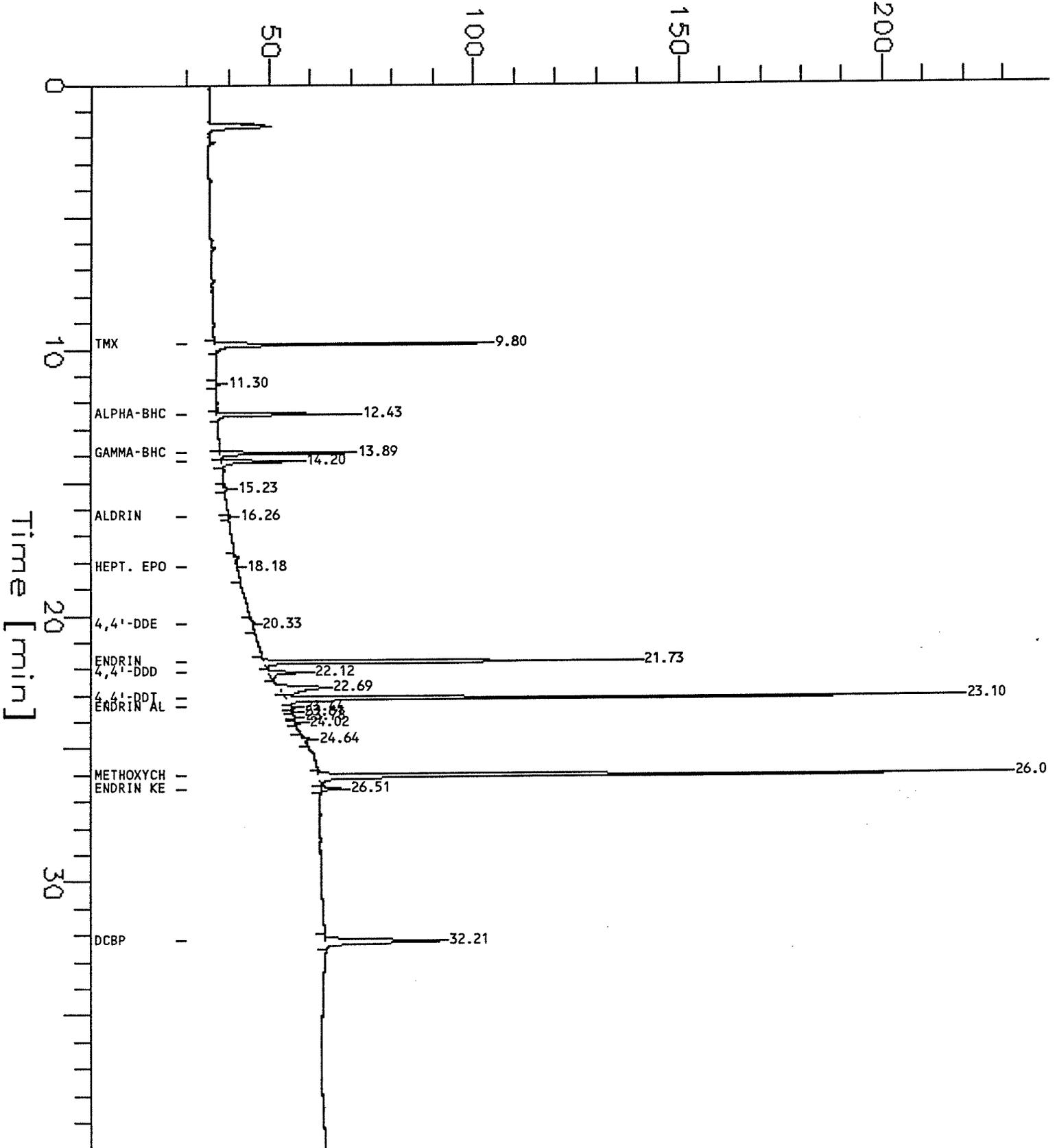
=====
                    5890-9      DB608 COLUMN #152      Channel A
    
```

Sample Name : ICM1DB
FileName : F:\TURBO32\KHORVAT\9a33117.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM06
Date : 8/30/93 16:29
Time of Injection: 8/27/93 14:16
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time      : 08/30/93  10:45
Sample Number: PEM07          Study       :
Operator      :

Instrument   : 970 -_9         Channel  : A    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/28/93  11:41
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9a33145.raw
Result File   : f:\turbo32\khorvat\9a33145.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume : 1 ul           Area Reject : 10000.00
Sample Amount : 1.0000      Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
Peak Ret Time      Area          Component          Height   BL Concentration
# [min] [uV/sec]      Name              [uV]     ng
-----
  1   9.81      343768  TMX                61729.94 BB    0.0161
  3  12.44      156253  alpha-BHC          32010.72 BB    0.0087
  4  13.90      151932  gamma-BHC          30290.56 BV    0.0093
  5  14.22       99834  beta-BHC           16401.48 VB    0.0098
  9  21.74      453331  Endrin             91544.88 BV    0.0476
 10  22.14       48904  4,4'-DDD           6427.74 VB    0.0053
 11  22.73       81067                   5885.55 BV    0.0811
 12  23.12      845764  4,4'-DDT          167020.56 VE   0.0876
 17  26.04     1013454  Methoxychlor       175836.81 BV    0.2470
 18  26.52       35958  Endrin ketone      5281.43 VB    0.0029
 19  32.24      284358  DCBP               28624.94 BB    0.0170
-----
                    3514623                621054.63
    
```

8/31/93

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
=====
    
```

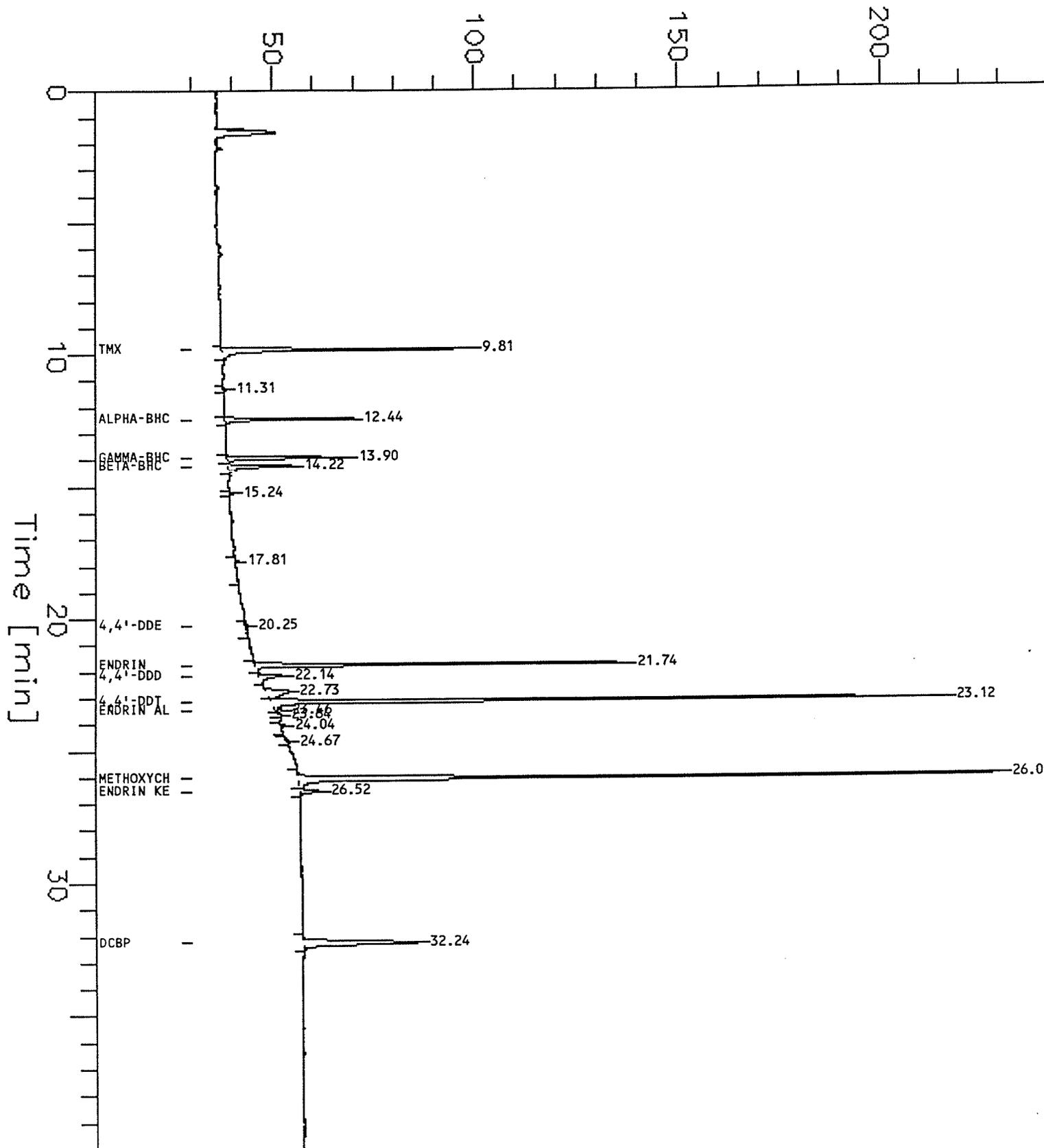
Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33145.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM07
Date : 08/30/93 10:46
Time of Injection: 08/28/93 11:41
Low Point : 30.00 mV
Plot Scale: 200 mV

Page 1 of 1
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB          Time       : 08/30/93  11:13
Sample Number: PEM08         Study        :
Operator   :
Instrument  : 970_-9         Channel   : A      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/29/93  09:04
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9a33173.raw
Result File   : f:\turbo32\khorvat\9a33173.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume : 1 ul          Area Reject : 10000.00
Sample Amount : 1.0000     Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
Peak Ret Time      Area          Component          Height   BL Concentration
#      [min]      [uV/sec]      Name          [uV]      ng
-----
  1     9.82      332498  TMX          60493.88  BB      0.0155
  3    12.45      150447  alpha-BHC    31818.83  BB      0.0083
  4    13.91      145906  gamma-BHC    29794.50  BV      0.0089
  5    14.23      96935   beta-BHC     16844.67  VB      0.0095
  9    21.75      430796  Endrin       87791.10  BV      0.0452
 10    22.15      85746   4,4'-DDD    11956.74  VV      0.0094
 11    22.73      85482   4,4'-DDD    5630.80   VV      0.0855
 12    23.13      746612  4,4'-DDT    150998.41 VE      0.0773
 13    23.47      17220   Endrin aldehyde 2061.29  EV      0.0020
 14    23.65      14453   4,4'-DDD    1766.63  VV      0.0145
 15    23.80      14514   4,4'-DDD    1583.65  VV      0.0145
 16    24.05      26010   4,4'-DDD    1866.06  VV      0.0260
 17    25.08      112770  4,4'-DDD    1351.66  VV      0.1128
 18    26.05      943768  Methoxychlor 159567.38 VV      0.2300
 19    26.53      41466   Endrin ketone 5892.10  VB      0.0033
 20    32.27      270886  DCBP        27451.42  BB      0.0162
-----
                    3515508          596869.13
    
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
=====
    
```

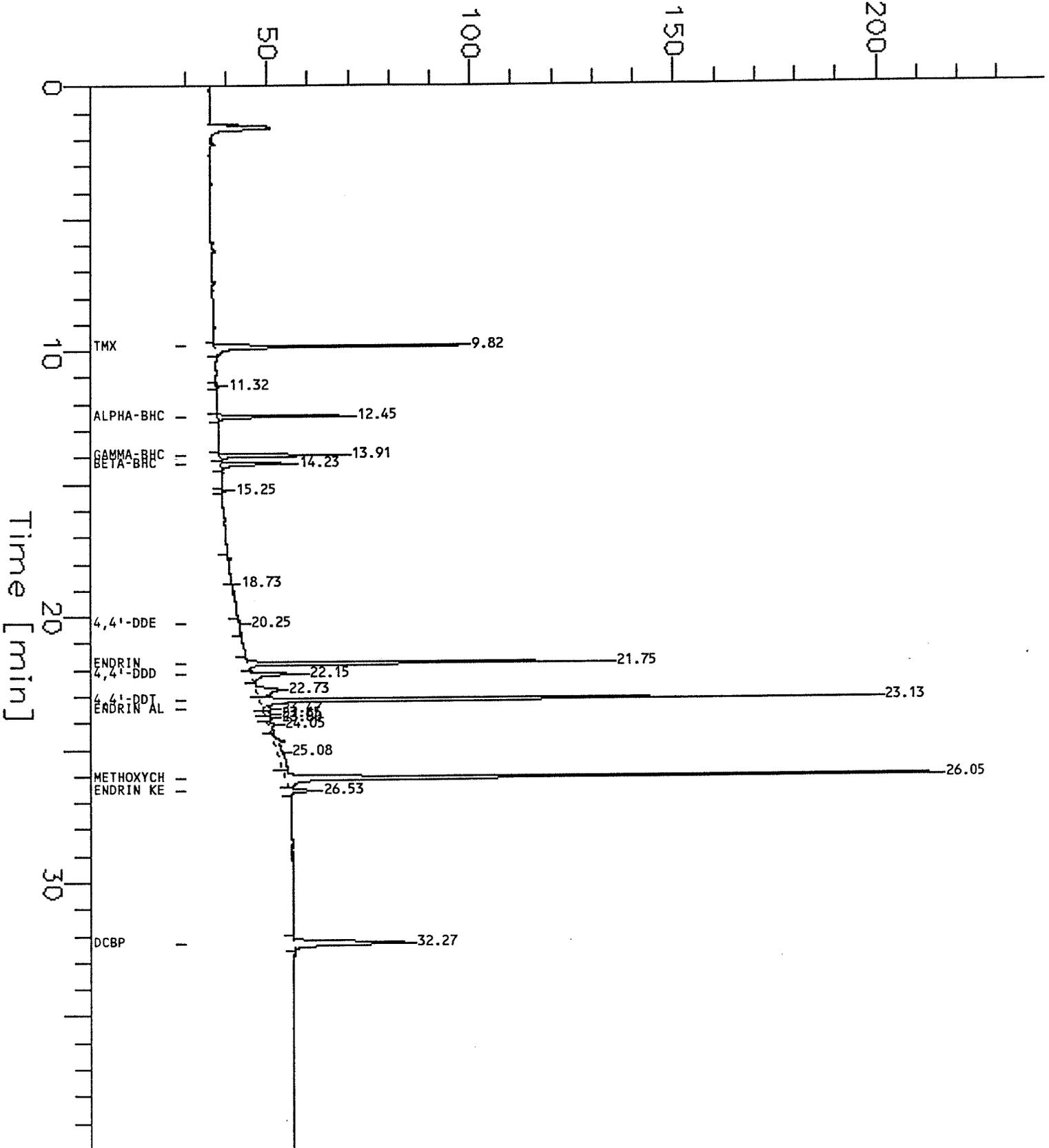
Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33173.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM08
Date : 08/30/93 11:13
Time of Injection: 08/29/93 09:04
Low Point : 30.00 mV
Plot Scale: 200 mV

Page 1 of 1
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM1DB           Time       : 08/30/93  14:43
Sample Number: PEM09           Study      :
Operator      :

Instrument    : 970_-_9         Channel   : A      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/30/93  13:34
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
    
```

```

Raw Data File   : f:\turbo32\khorvat\9a33175.raw
Result File     : f:\turbo32\khorvat\9a33175.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33AX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume    : 1 ul           Area Reject   : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
    
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.80	349727	TMX	65732.06	BB	0.0163
4	12.43	158230	alpha-BHC	33749.44	BB	0.0088
5	13.89	155688	gamma-BHC	32737.40	BV	0.0095
6	14.20	104436	beta-BHC	19073.34	VB	0.0102
8	16.58	80851		2363.37	BB	0.0809
10	18.56	15537		2445.81	BB	0.0155
11	18.95	36669		4687.39	BB	0.0367
12	19.38	112623	alpha-chlordane	3770.23	BB	0.0062
14	21.73	445885	Endrin	91954.00	BV	0.0468
15	22.12	73910	4,4'-DDD	12158.63	VB	0.0081
16	22.68	120616		9705.71	BV	0.1206
17	23.10	801758	4,4'-DDT	169611.34	VB	0.0830
21	24.63	16711		2364.75	BB	0.0167
22	26.02	914274	Methoxychlor	166757.73	BB	0.2228
23	26.50	29832	Endrin ketone	5201.17	BB	0.0024
24	32.22	282847	DCBP	28697.96	BB	0.0169
		3699592		651010.38		

```

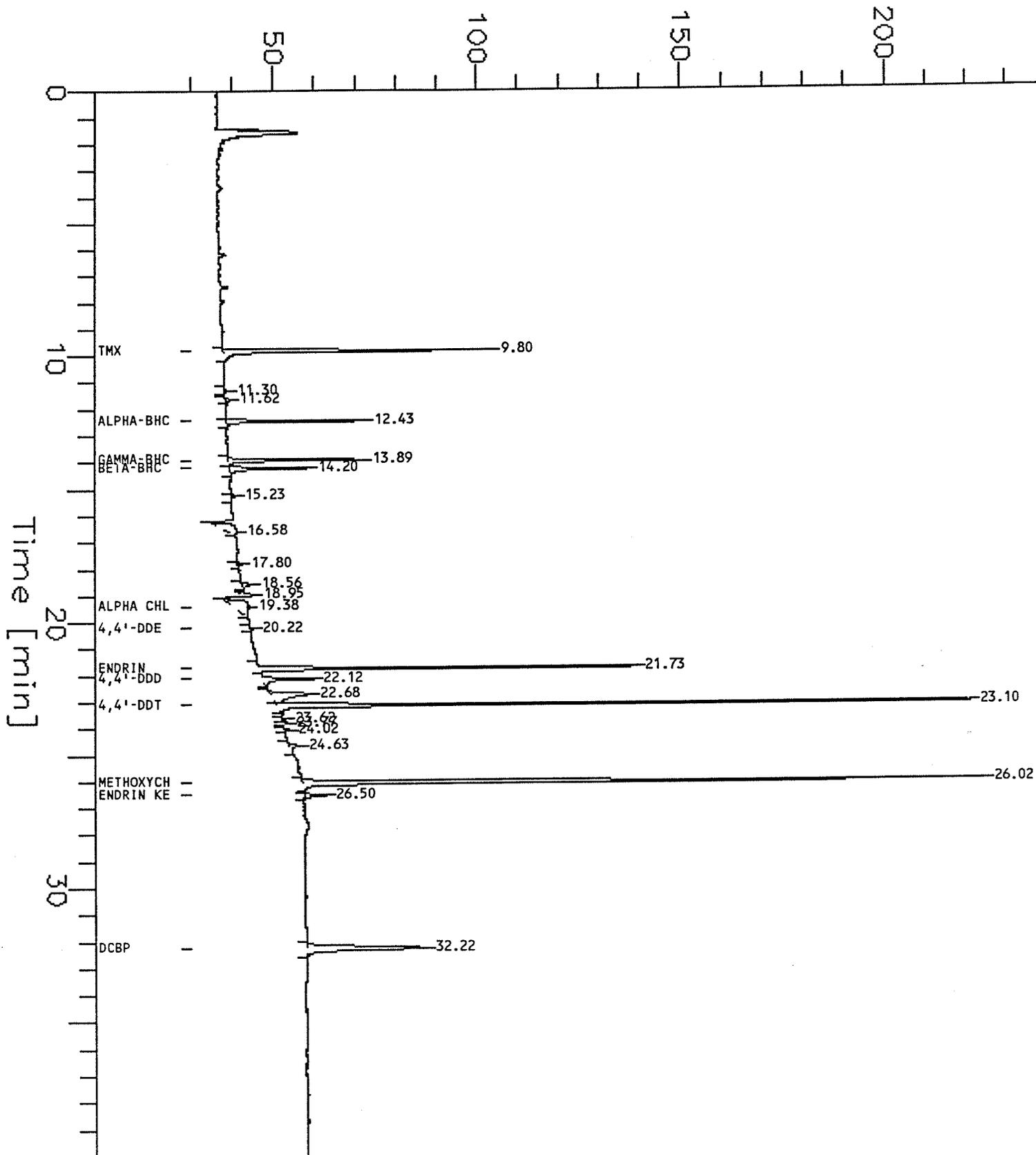
=====
                    5890-9      DB608 COLUMN #152      Channel A
    
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33175.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM09
Date : 08/30/93 14:43
Time of Injection: 08/30/93 13:34
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB
Sample Number: PEM10
Operator :

Time : 08/31/93 11:36
Study :

Instrument : 970_-9
AutoSampler : NONE
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000
  
```

```

Interface Serial # : 2135574868 Data Acquisition Time: 08/31/93 09:28
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9a33201.raw
Result File : f:\turbo32\khorvat\9a33201.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000

Area Reject : 10000.00
Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
Peak Ret Time      Area      Component      Height      BL Concentration
# [min] [uV/sec]      Name [uV]      ng
-----
  1   9.80   349312  TMX           62637.27  BB   0.0163
  3  12.43   159202  alpha-BHC     32690.06  BB   0.0088
  4  13.89   152223  gamma-BHC     30535.38  BV   0.0093
  5  14.21   100141  beta-BHC      16522.69  VB   0.0098
  9  21.72   447624  Endrin        91264.14  BV   0.0470
 10  22.13    67385  4,4'-DDD      9142.30  VB   0.0074
 11  22.73    87316                5914.27  BV   0.0873
 12  23.11   807259  4,4'-DDT     157605.66  VE   0.0836
 16  24.65    10108                1352.91  BB   0.0101
 17  26.03   985997  Methoxychlor  168551.83  BV   0.2403
 18  26.51    42932  Endrin ketone  6348.78  VB   0.0034
 19  32.22   288883  DCBP          28972.52  BB   0.0172
-----
                    3498382      611537.75
  
```

313143 gn

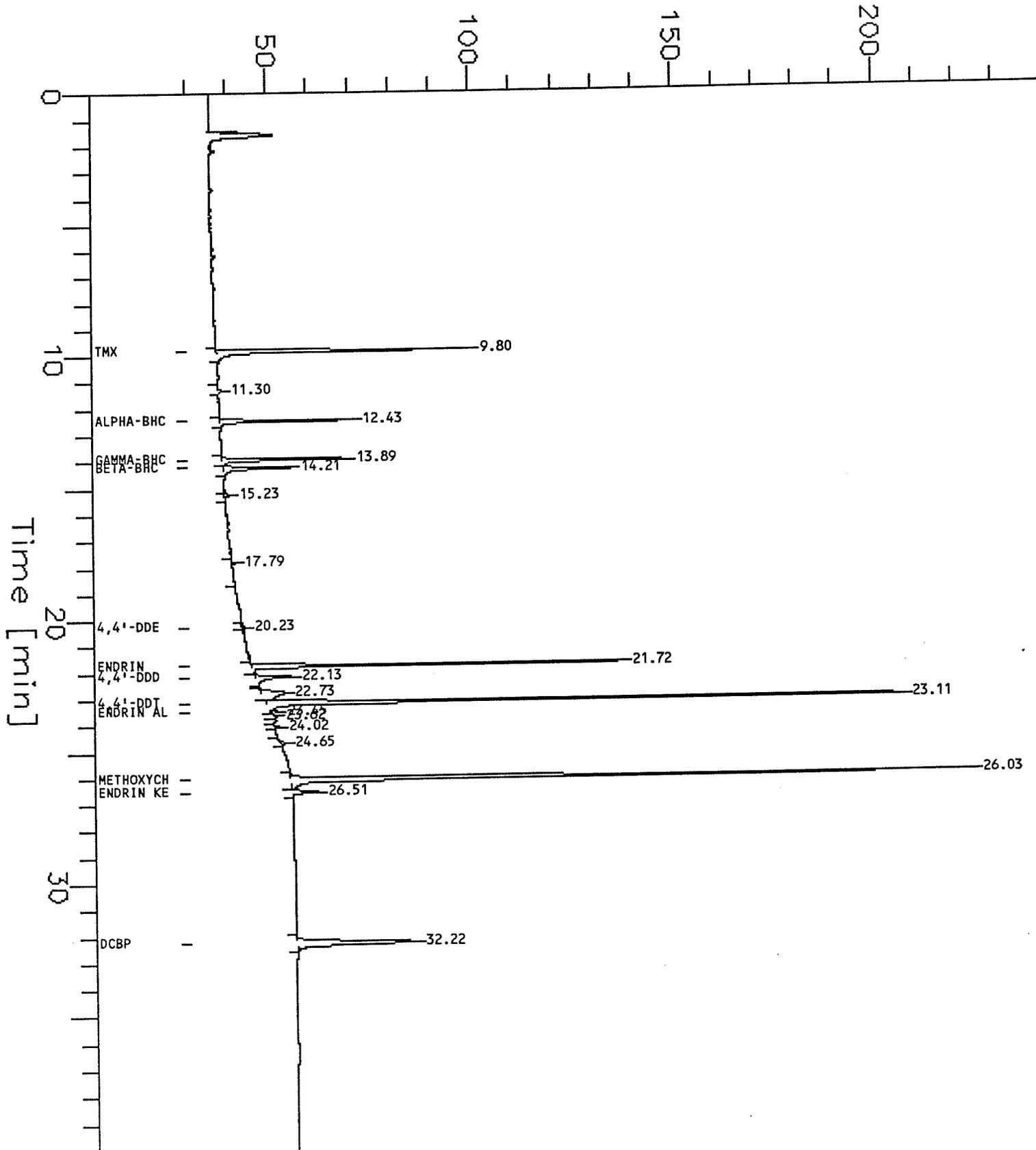
```

=====
                    5890-9      DB608 COLUMN #152      Channel A
=====
  
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33201.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

Sample #: PEM10
Date : 08/31/93 11:36
Time of Injection: 08/31/93 09:28
Low Point : 30.00 mV
Plot Scale: 200 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB          Time      : 09/01/93  08:39
Sample Number: PEM11         Study       :
Operator      :

Instrument   : 970_-9         Channel  : A      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 09/01/93  06:52
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9a33229.raw
Result File   : f:\turbo32\khorvat\9a33229.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume   : 1 ul          Area Reject   : 10000.00
Sample Amount : 1.0000       Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
Peak Ret Time      Area          Component          Height  BL Concentration
#      [min]      [uV/sec]      Name              [uV]    ng
-----
  1      9.82      336027 TMX                62393.94 BB      0.0157
  3     12.46      153295 alpha-BHC          31921.80 BB      0.0085
  4     13.92      147952 gamma-BHC         29595.41 BV      0.0090
  5     14.24       96285 beta-BHC           16124.38 VB      0.0094
  9     21.75      419373 Endrin             85975.66 BV      0.0440
 10     22.15      80175 4,4'-DDD           10996.65 VV      0.0087
 11     22.75       65172                    4625.97 VV      0.0652
 12     23.13      742237 4,4'-DDT          145968.31 VE      0.0769
 13     23.47       16094 Endrin aldehyde     2200.50 EV      0.0019
 14     23.65       12682                    1634.63 VV      0.0127
 17     24.67       13350                    1775.33 VB      0.0134
 18     26.06      920719 Methoxychlor          158699.39 BV      0.2244
 19     26.54       41890 Endrin ketone        6349.16 VB      0.0033
 20     32.28      266780 DCBP                26432.17 BB      0.0159
-----
                    3312031                584693.31
    
```

5/1/93

```

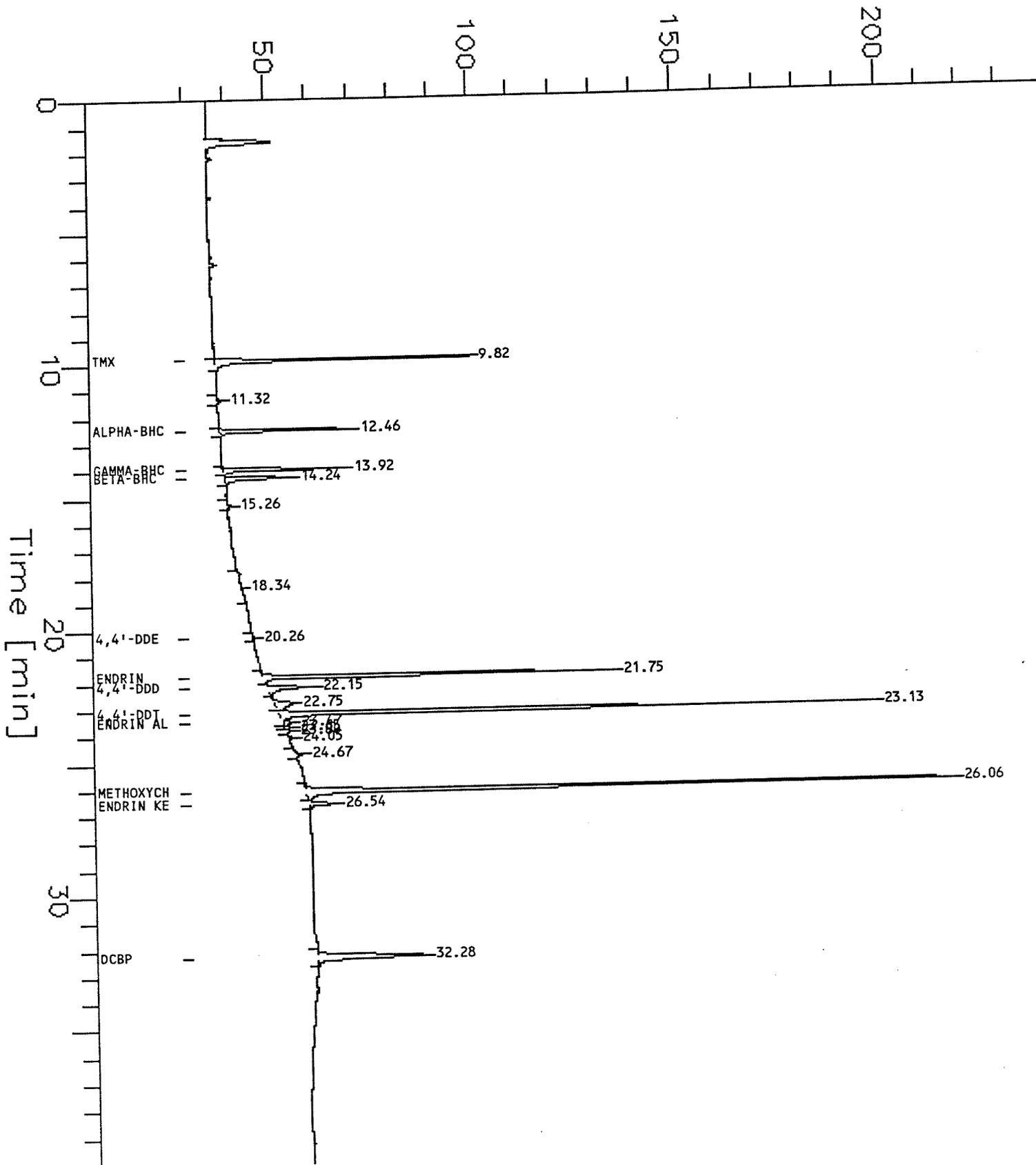
=====
                    5890-9      DB608 COLUMN #152      Channel A
=====
    
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33229.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM11
Date : 09/01/93 08:39
Time of Injection: 09/01/93 06:52
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



=====
 Software Version: 3.2 <10J29>

Sample Name : ICM4CE Time : 08/24/93 14:09
 Sample Number: INDAM02 Study :
 Operator :

Instrument : 970 -_9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/24/93 10:44
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33031.raw
 Result File : f:\turbo32\khorvat\9a33031.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB608 COLUMN #152 Channel A

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.82	428155	TMX	72175.09	BB	0.0200
2	12.45	353951	alpha-BHC	70864.43	BB	0.0196
3	13.91	324355	gamma-BHC	61694.48	BB	0.0197
4	15.08	357094	Heptachlor	68207.19	BB	0.0200
6	19.46	275311	Endosulfan I	52220.18	BB	0.0200
7	20.50	524665	Dieldrin	105195.57	BB	0.0402
8	21.74	389559	Endrin	78287.95	BB	0.0409
9	22.16	363067	4,4'-DDD	53820.18	BB	0.0396
10	22.78	77625		6206.80	BV	0.0776
11	23.13	374877	4,4'-DDT	69339.20	VB	0.0388
12	23.47	12769	Endrin aldehyde	2670.08	BB	0.0015
15	26.05	884627	Methoxychlor	144551.77	BB	0.2156
16	26.53	36228	Endrin ketone	5991.97	BB	0.0029
17	32.26	677683	DCBP	66826.79	BB	0.0405

 5079965 858051.63

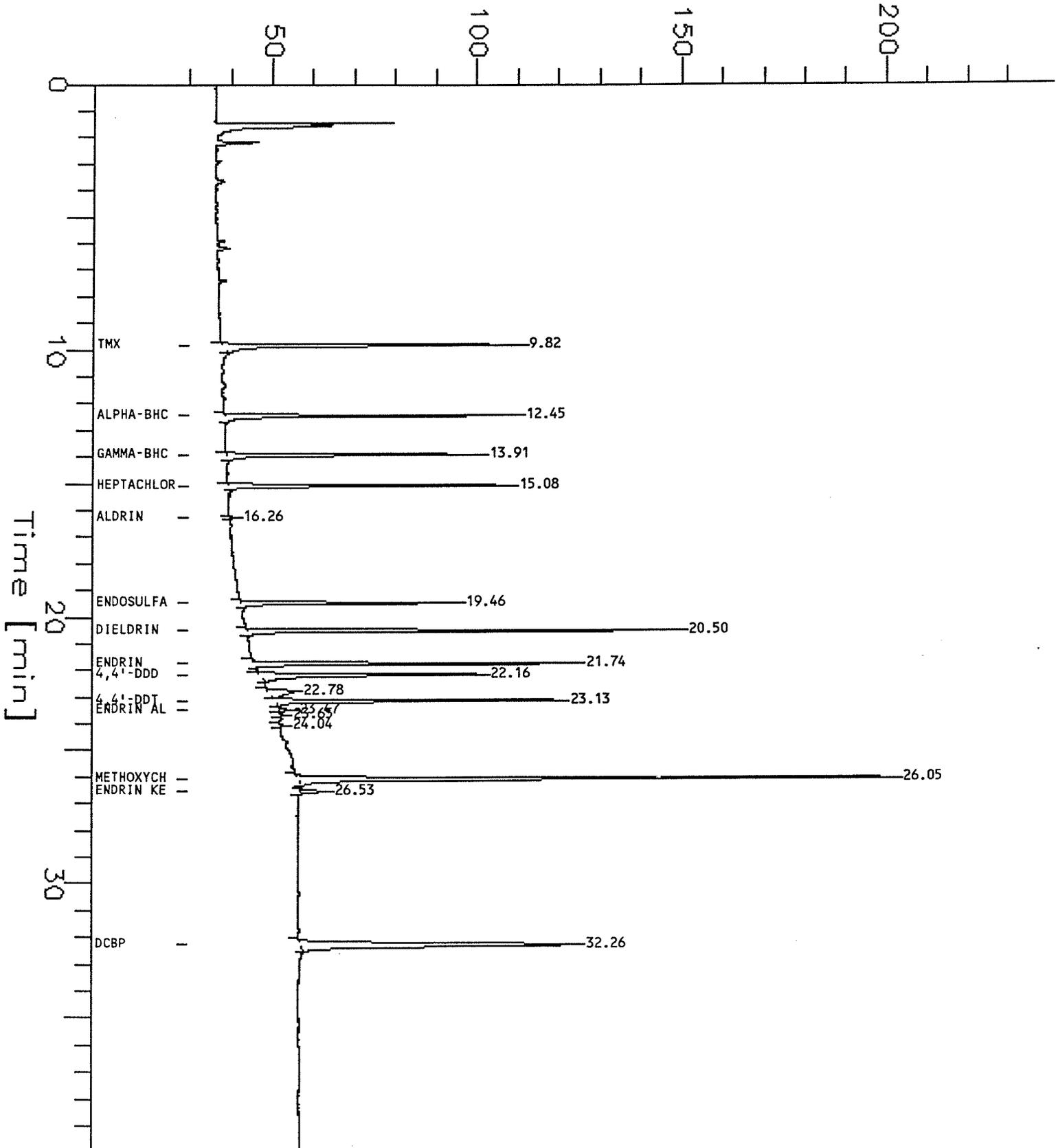
=====
 8/23/93 90
 5890-9 DB608 COLUMN #152 Channel A
 =====

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9a33031.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAM02
Date : 08/24/93 14:09
Time of Injection: 08/24/93 10:44
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BF           Time       : 08/24/93  14:12
Sample Number: INDBM02        Study      :
Operator   :

Instrument  : 970 - _9         Channel : A   A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/24/93  11:30
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
    
```

```

Raw Data File   : f:\turbo32\khorvat\9a33032.raw
Result File    : f:\turbo32\khorvat\9a33032.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33A.prc
Sample File    : f:\turbo32\khorvat\9-33AX.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume    : 1 ul           Area Reject   : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
    
```

```

=====
    
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.82	423749	TMX	71818.39	BB	0.0198
2	14.24	197233	beta-BHC	29917.61	BB	0.0193
3	15.55	320223	delta-BHC	49186.68	BB	0.0198
4	16.25	324166	Aldrin	63747.32	BB	0.0200
5	18.23	343087	Hept. epoxide	67075.00	BB	0.0200
6	18.81	359830	gamma chlordane	67544.66	BB	0.0198
7	19.36	357024	alpha chlordane	66758.02	BB	0.0198
8	20.25	478256	4,4'-DDE	79151.21	BB	0.0387
9	22.37	485841	Endosulfan II	91310.34	BB	0.0399
10	22.81	60940		5238.14	BB	0.0609
11	23.46	349144	Endrin aldehyde	60768.85	BV	0.0401
12	23.88	431724	Endo. sulfate	80215.33	VB	0.0405
13	26.53	502924	Endrin ketone	83903.36	BB	0.0401
14	32.25	679653	DCBP	66756.18	BB	0.0406
			5313792	883391.13		

8/25/93

```

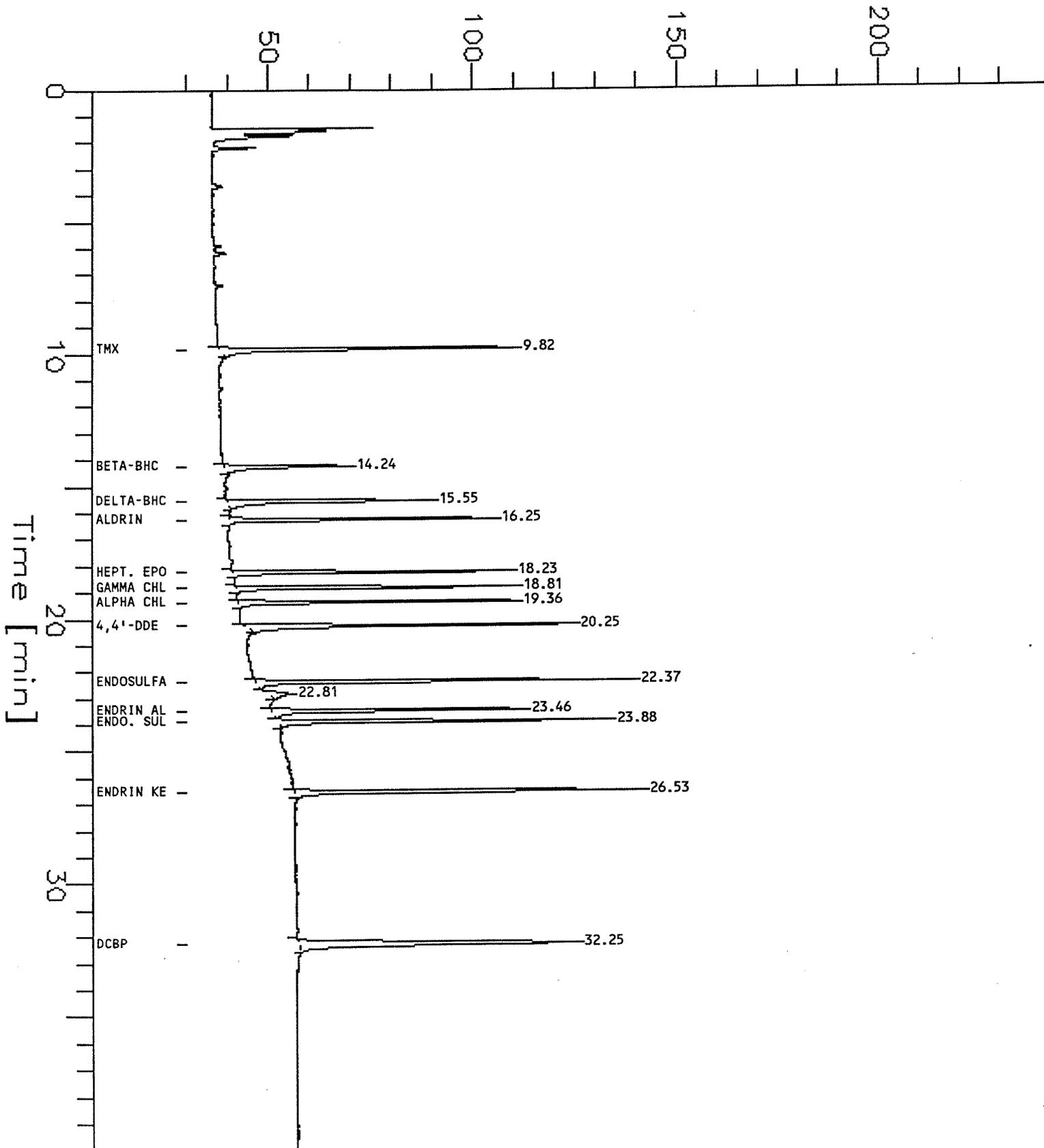
=====
                    5890-9          DB608 COLUMN #152          Channel A
=====
    
```

Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9a33032.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDBM02
Date : 08/24/93 14:12
Time of Injection: 08/24/93 11:30
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



=====
Software Version: 3.2 <10J29>

Sample Name : ICM4CE Time : 08/25/93 09:03
Sample Number: INDAM03 Study :
Operator :

Instrument : 970 - 9 Channel : A A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/25/93 07:23
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33057.raw
Result File : f:\turbo32\khorvat\9a33057.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
Sample Amount : 1.0000 Dilution Factor : 1.00

=====
5890-9 DB608 COLUMN #152 Channel A

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.82	424469	TMX	83557.55	BB	0.0198
3	12.45	358491	alpha-BHC	77819.41	BB	0.0199
4	13.92	325234	gamma-BHC	69360.59	BB	0.0198
5	15.09	362971	Heptachlor	71179.18	BB	0.0203
7	19.47	262473	Endosulfan I	52960.82	BB	0.0190
8	20.52	503085	Dieldrin	105384.70	BB	0.0385
9	21.75	392585	Endrin	82762.98	BB	0.0412
10	22.14	357909	4,4'-DDD	68157.30	BB	0.0390
11	22.72	47338		5371.01	BB	0.0473
12	23.13	365864	4,4'-DDT	78634.76	BB	0.0379
16	26.06	960198	Methoxychlor	171133.61	BB	0.2340
17	26.54	26823	Endrin ketone	4680.28	BB	0.0021
18	32.28	629454	DCBP	65035.39	BB	0.0376
5016892				936037.56		

8/25/93
=====
5890-9 DB608 COLUMN #152 Channel A
=====

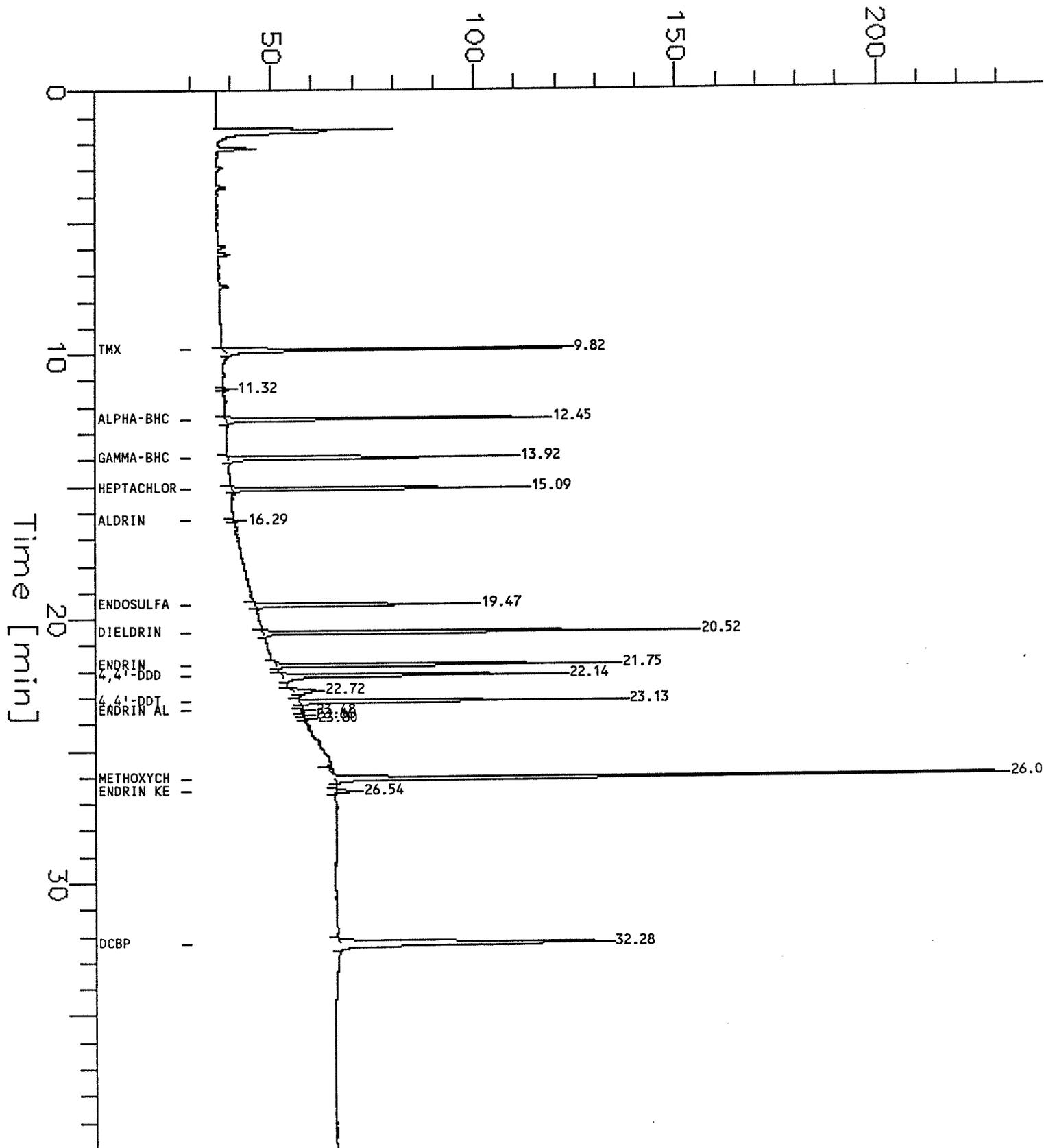
Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9a33057.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAM03
Date : 08/25/93 09:03
Time of Injection: 08/25/93 07:23
Low Point : 30.00 mV
Plot Scale: 200 mV

High Point : 230.00 mV

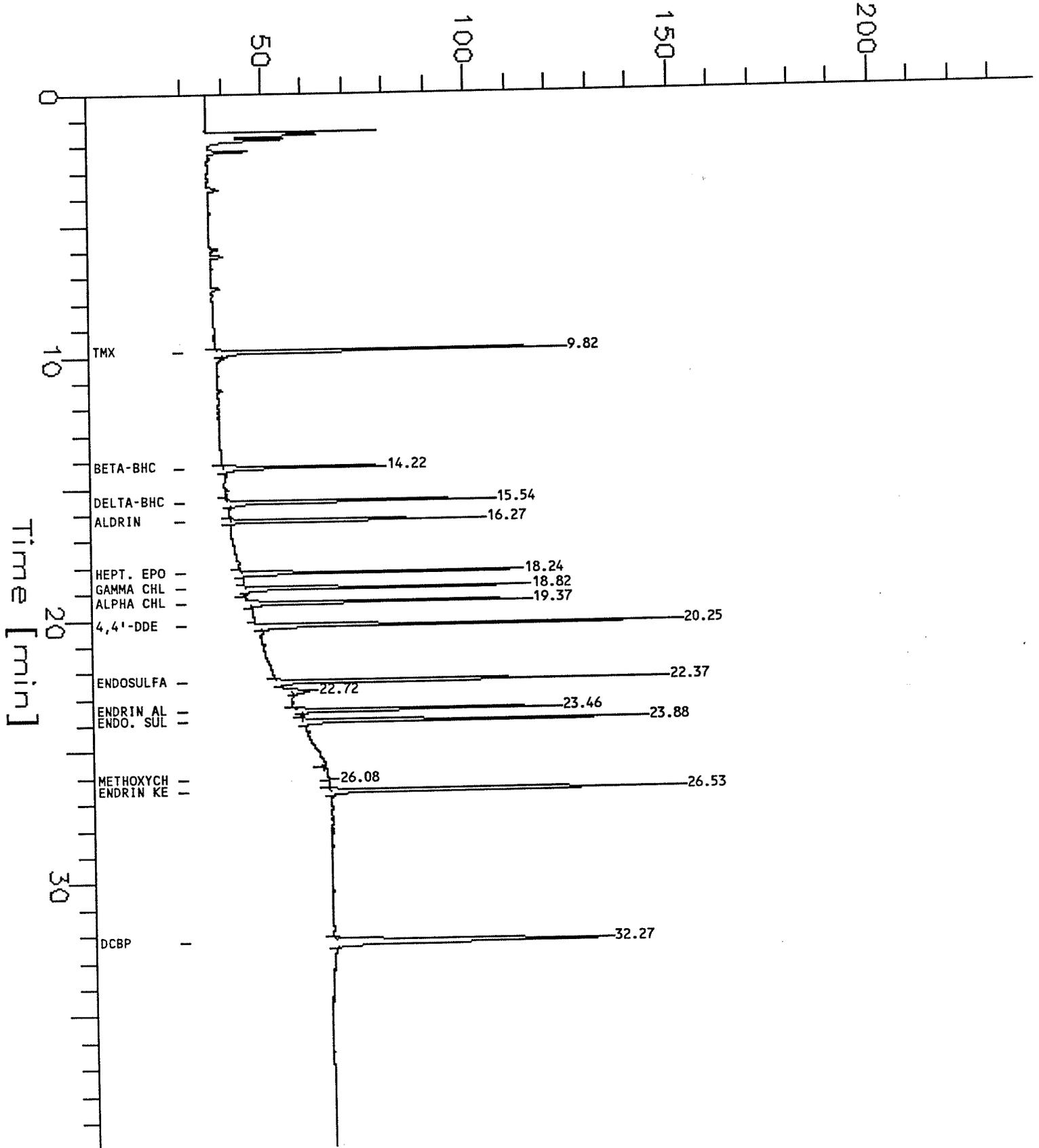
DB608



Sample Name : ICM5BF
File Name : f:\turbo32\khorvat\9a33058.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor : 0

Sample #: INDBM03
Date : 8/25/93 09:38
Time of Injection: 8/25/93 08:10
Low Point : 30.00 mV
High Point : 230.00 mV
End Time : 40.00 min
Plot Offset: 30 mV
Plot Scale: 200 mV

DB608



=====

Software Version: 3.2 <10J29>
 Sample Name : ICM4CE Time : 8/26/93 12:30
 Sample Number: INDAM04 Study :
 Operator :
 Instrument : 970_-_9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/26/93 06:03
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33079.raw
 Result File : f:\turbo32\khorvat\9a33079.rst
 Instrument File : f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

		5890-9	DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.82	456197	TMX	88223.80 BB	0.0213
3	12.46	367234	alpha-BHC	82504.07 BB	0.0203
4	13.92	329120	gamma-BHC	71000.70 BB	0.0200
5	15.09	364053	Heptachlor	70413.07 BB	0.0204
7	19.48	264031	Endosulfan I	52783.99 BB	0.0192
8	20.52	486623	Dieldrin	103691.24 BB	0.0372
9	21.76	381019	Endrin	79646.20 BV	0.0400
10	22.14	362484	4,4'-DDD	71315.21 VB	0.0395
11	22.71	64054		5895.87 BV	0.0641
12	23.13	341558	4,4'-DDT	74699.46 VB	0.0354
16	24.67	54650		2597.11 VV	0.0547
17	25.51	104319		2305.49 VV	0.1043
18	26.06	978865	Methoxychlor	170458.09 VV	0.2386
19	26.54	39291	Endrin ketone	5379.21 VB	0.0031
20	32.28	598374	DCBP	62339.76 BB	0.0357
		5191872		943253.19	

8/21/93

=====

5890-9 DB608 COLUMN #152 Channel A

=====

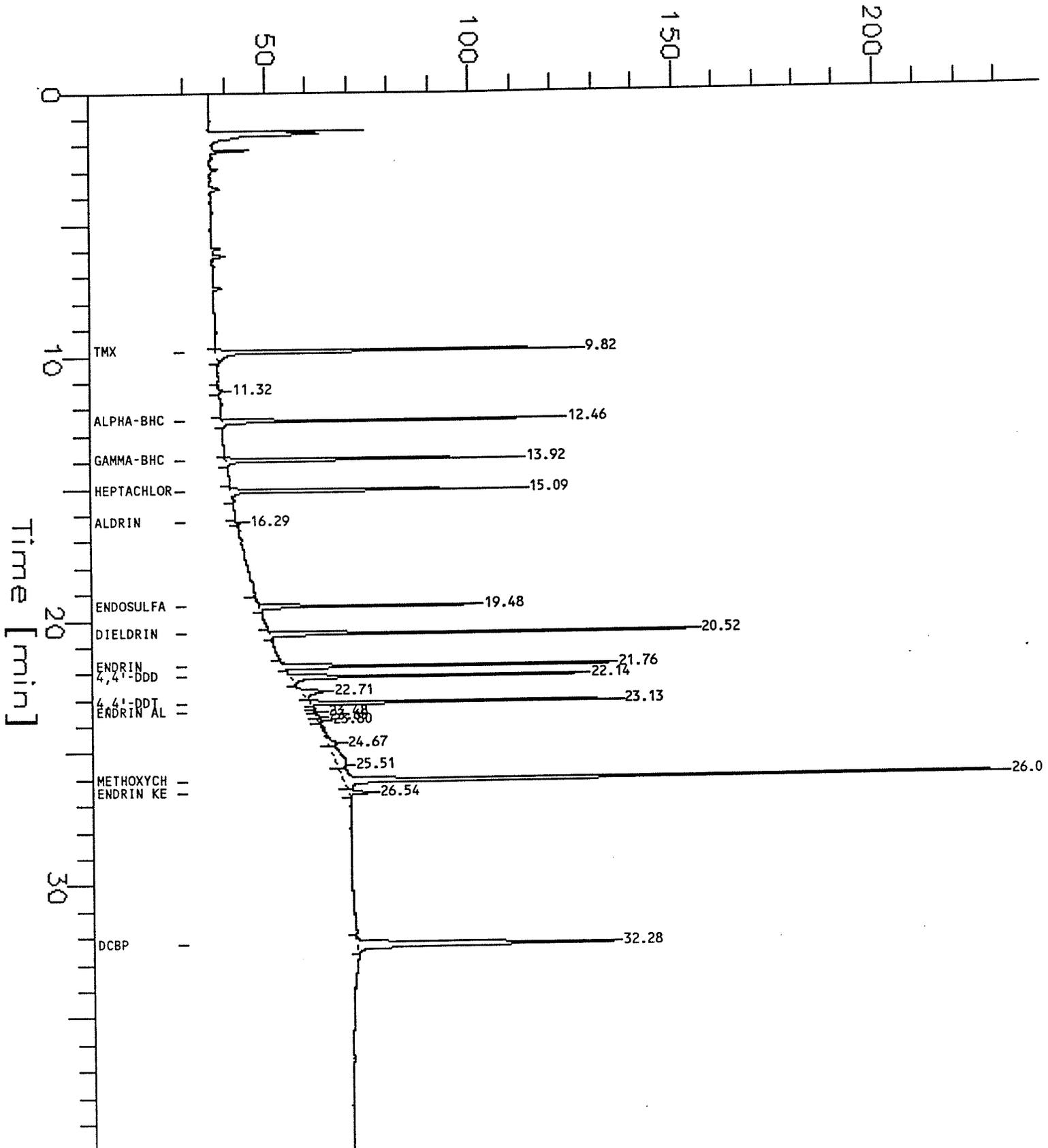
Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9a33079.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAM04
Date : 8/26/93 12:30
Time of Injection: 8/26/93 06:03
Low Point : 30.00 mV
Plot Scale: 200 mV

High Point : 230.00 mV

DB608

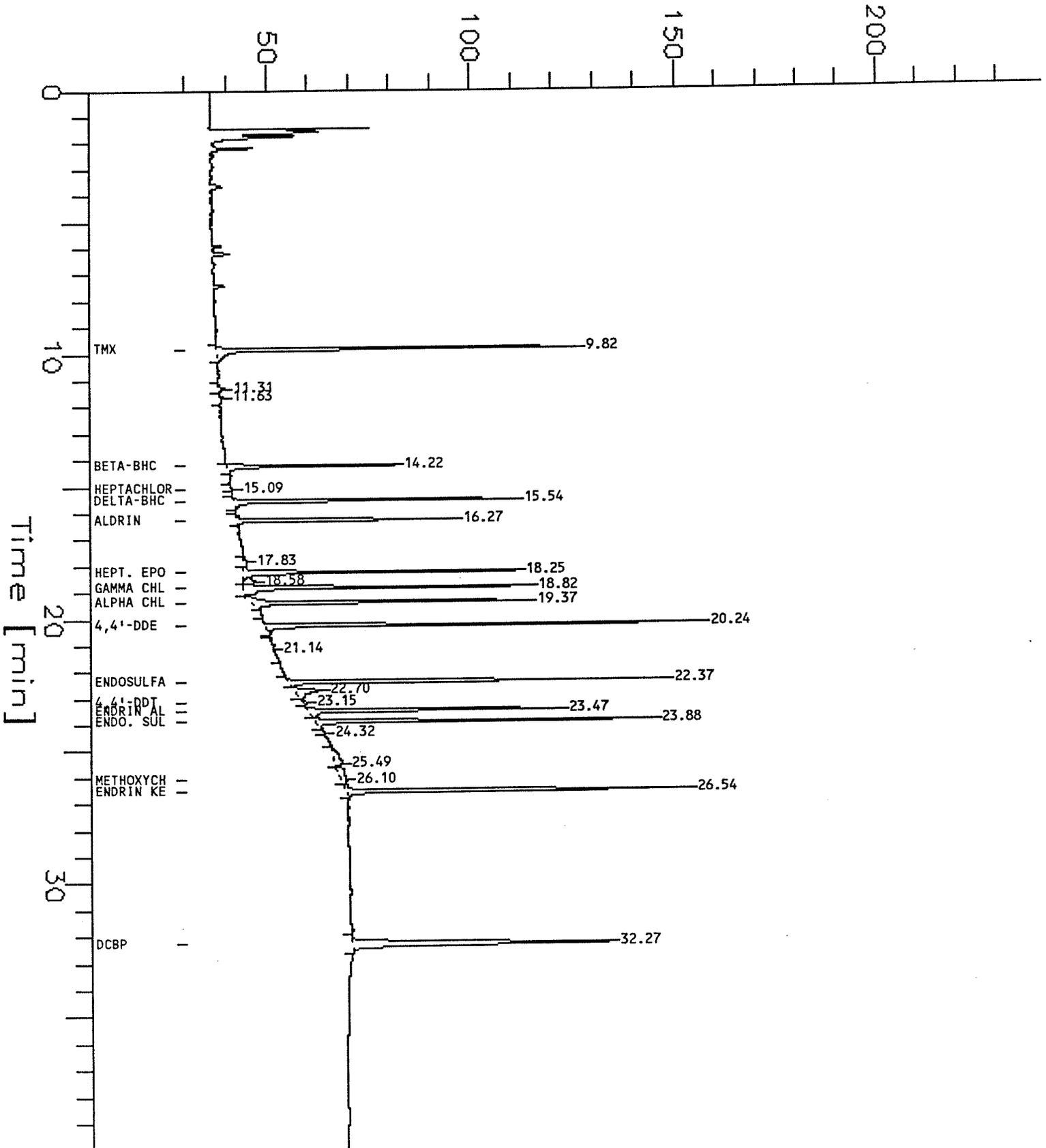


Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9a33080.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDBM04
Date : 8/26/93 12:33
Time of Injection: 8/26/93 06:49
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CE           Time       : 9/1/93 13:49
Sample Number: INDAM05        Study      :
Operator      :

```

```

Instrument : 970_-9           Channel : A    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/27/93 03:27
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec

```

```

Raw Data File : F:\TURBO32\KHORVAT\9a33106.raw
Result File   : f:\turbo32\khorvat\9a33106.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume : 1 ul           Area Reject : 10000.00
Sample Amount : 1.0000      Dilution Factor : 1.00

```

```

=====

```

5890-9 DB608 COLUMN #152 Channel A					
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.82	445671	TMX	86362.47 BB	0.0208
3	12.45	364628	alpha-BHC	80843.63 BB	0.0202
4	13.91	327832	gamma-BHC	70749.22 BB	0.0200
5	15.08	371736	Heptachlor	71182.74 BB	0.0208
8	19.47	261224	Endosulfan I	53397.79 BB	0.0189
9	20.51	502283	Dieldrin	106277.27 BB	0.0384
10	21.75	386254	Endrin	81150.02 BB	0.0406
11	22.14	381538	4,4'-DDD	71881.62 BV	0.0416
12	22.72	83360		6305.68 VV	0.0834
13	23.13	353534	4,4'-DDT	73586.03 VV	0.0366
17	24.66	10367		1574.38 BB	0.0104
18	26.05	904472	Methoxychlor	159362.09 BV	0.2204
19	26.53	35468	Endrin ketone	5646.79 VB	0.0028
20	32.27	615843	DCBP	63188.15 BB	0.0368

```

-----
5044210 931507.94

```

9/1/93

```

=====
5890-9 DB608 COLUMN #152 Channel A
=====

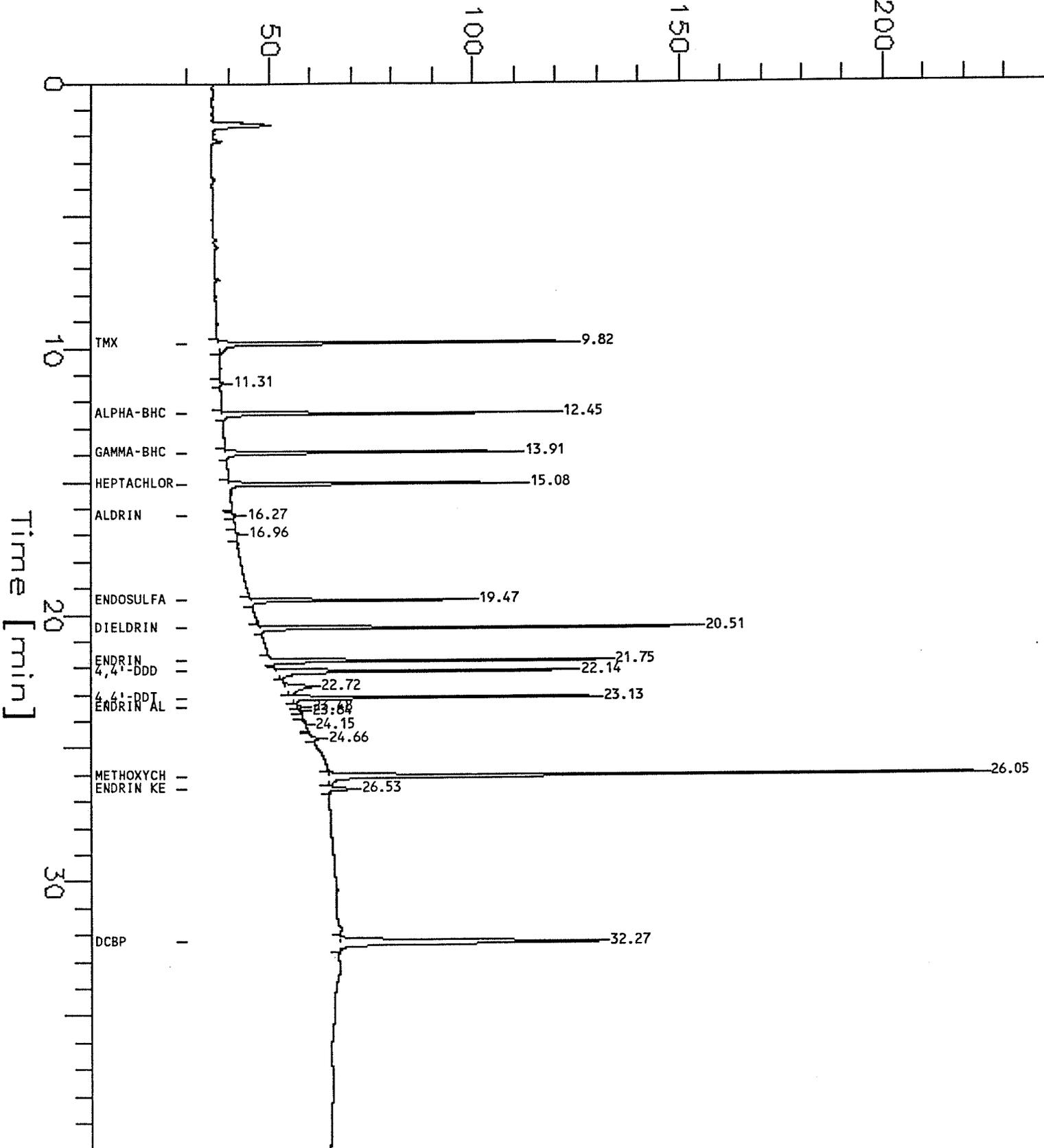
```

Sample Name : ICM4CE
FileName : F:\TURBO32\KHORVAT\9a33106.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAM05
Date : 9/1/93 13:49
Time of Injection: 8/27/93 03:27
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM58F           Time       : 8/27/93 09:53
Sample Number: INDBM05        Study      :
Operator   :

Instrument  : 970_ _9          Channel : A    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/27/93 04:13
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9a33107.raw
Result File     : f:\turbo32\khorvat\9a33107.rst
Instrument File  : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33AX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject   : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	5890-9	DB608	COLUMN #152	Channel A
				Height [uV]	BL	Concentration	ng
1	9.82	427557	TMX	84577.56	BB	0.0200	
3	14.22	206895	beta-BHC	39324.43	BB	0.0202	
5	15.54	335217	delta-BHC	66509.13	BB	0.0207	
6	16.27	295473	Aldrin	59066.76	BB	0.0182	
8	18.25	321412	Hept. epoxide	66210.25	VB	0.0188	
9	18.82	338710	gamma chlordane	67894.27	BB	0.0187	
10	19.37	366679	alpha chlordane	67215.23	BV	0.0203	
11	19.88	27561		3399.40	VV	0.0276	
12	20.25	527631	4,4'-DDE	107362.73	VV	0.0427	
13	21.38	13065		39.13	VB	0.0131	
14	22.38	449233	Endosulfan II	92736.56	BV	0.0369	
15	22.71	65224		5758.06	VB	0.0652	
16	23.46	275971	Endrin aldehyde	52627.00	BV	0.0317	
17	23.88	413647	Endo. sulfate	82754.48	VV	0.0388	
19	26.53	465134	Endrin ketone	84885.08	BB	0.0371	
20	32.27	616453	DCBP	63495.92	BB	0.0368	
				5145863	943856.00		

8/31/93 DR

```

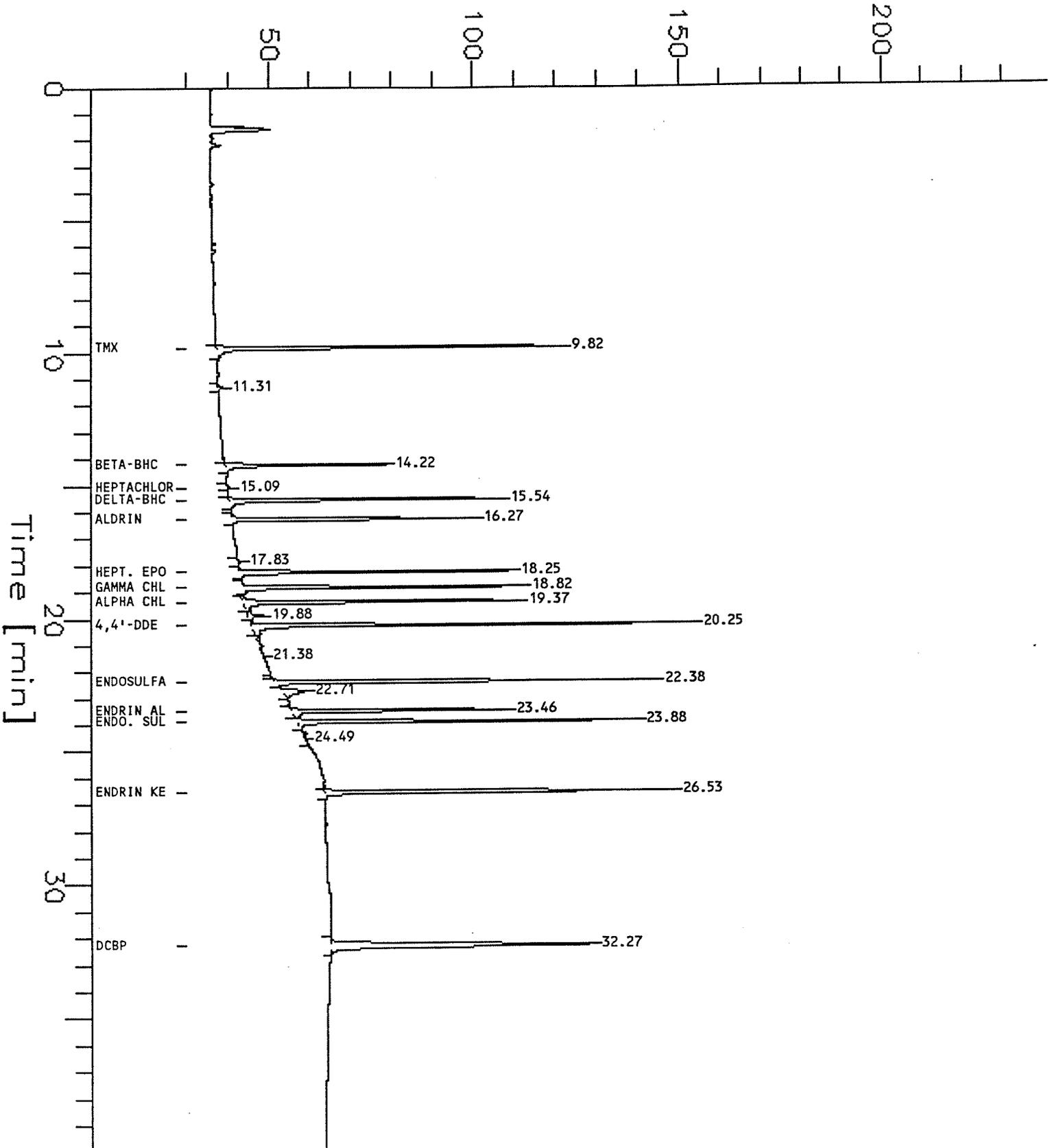
=====
5890-9          DB608 COLUMN #152          Channel A
=====

```

Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9a33107.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

Sample #: INDBM05
Date : 8/27/93 09:53
Time of Injection: 8/27/93 04:13
Low Point : 30.00 mV
Plot Scale: 200 mV

DB608



=====

Software Version: 3.2 <10J29>

Sample Name : 1CM4CE Time : 9/1/93 13:50

Sample Number: INDAM06 Study :

Operator :

Instrument : 970 -_9 Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/28/93 01:00

Delay Time : 0.00 min.

End Time : 40.00 min.

Sampling Rate : 2.9412 pts/sec

Raw Data File : F:\TURBO32\KHORVAT\9a33131.raw

Result File : f:\turbo32\khorvat\9a33131.rst

Instrument File: f:\turbo32\khorvat\9-33D.ins

Process File : f:\turbo32\khorvat\9-33A.prc

Sample File : f:\turbo32\khorvat\9-33AX.smp

Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00

Sample Amount : 1.0000 Dilution Factor : 1.00

=====

		5890-9		DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration	ng
1	9.80	476425	TMX	83803.81	BB	0.0223
3	12.43	358251	alpha-BHC	77534.81	BB	0.0199
4	13.89	327781	gamma-BHC	68270.13	BV	0.0200
6	15.06	351229	Heptachlor	67191.54	BB	0.0197
7	16.56	36950		1190.81	BB	0.0370
8	19.45	295810	Endosulfan I	53400.75	BB	0.0215
9	20.49	489919	Dieldrin	102353.86	BB	0.0375
10	21.73	422660	Endrin	87605.22	BB	0.0444
11	22.12	373102	4,4'-DDD	70562.84	BV	0.0407
12	22.69	117448		9102.56	VV	0.1175
13	23.11	452635	4,4'-DDT	89483.15	VE	0.0469
14	23.45	13539	Endrin-alddehyde	1919.51	EV	0.0016
15	23.63	13030		1676.76	VV	0.0130
16	23.78	11576		1489.72	VV	0.0116
17	24.15	15673		369.95	VV	0.0157
18	24.64	25860		1668.74	VV	0.0259
19	25.47	30901		822.60	VB	0.0309
20	26.03	993977	Methoxychlor	181056.50	BV	0.2423
21	26.51	34696	Endrin-ketone	5579.28	VB	0.0028
22	32.22	645821	DCBP	66778.09	BB	0.0386

5487283

971860.56

01/13
92

=====

5890-9 DB608 COLUMN #152 Channel A

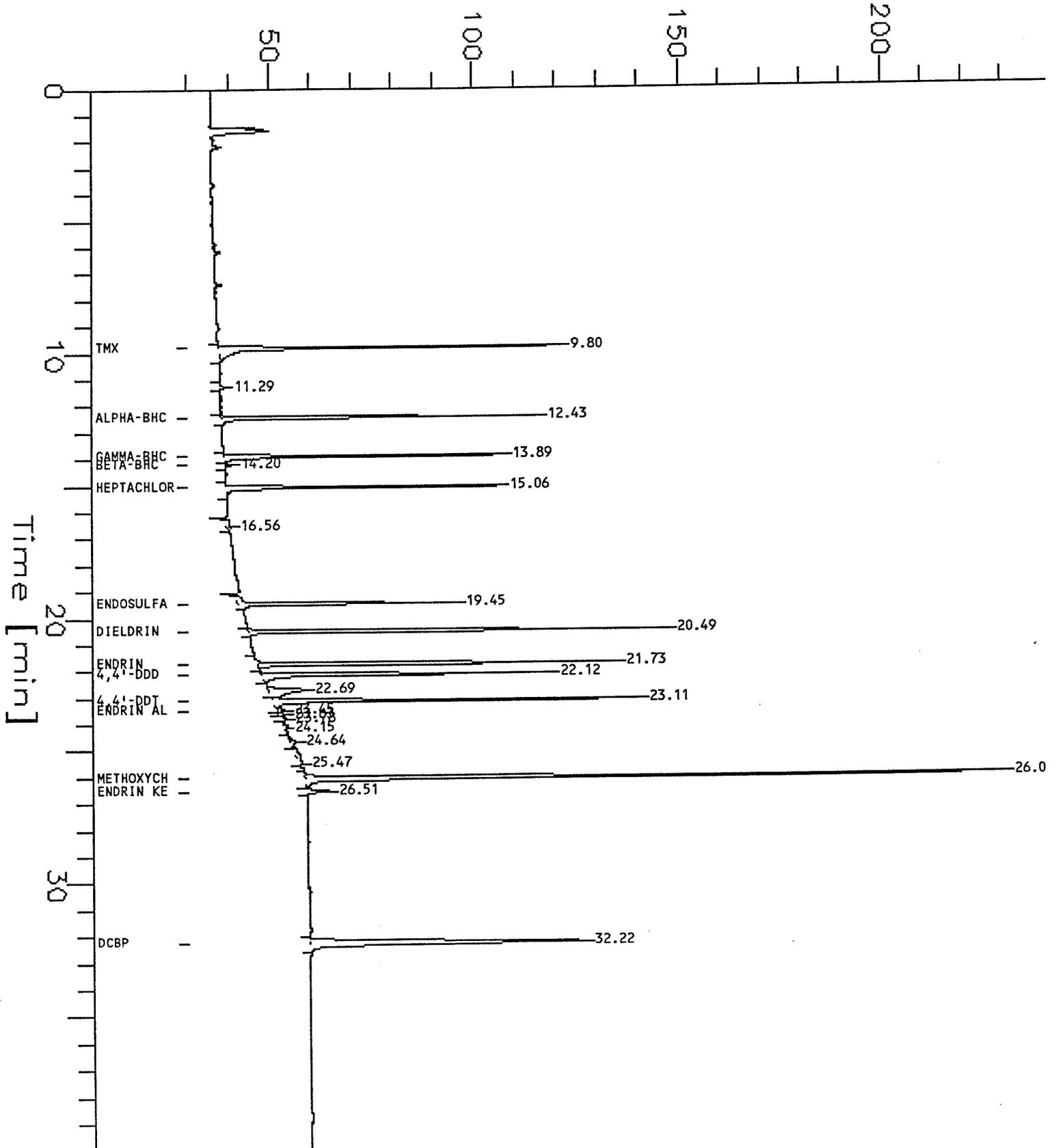
=====

Sample Name : ICM4CE
FileName : F:\TURBO32\KHORVAT\9a33131.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAM06
Date : 9/1/93 13:50
Time of Injection: 8/28/93 01:00
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



=====
 Software Version: 3.2 <10J29>

Sample Name : ICM5BF Time : 08/30/93 10:32
 Sample Number: INDBM06 Study :
 Operator :

Instrument : 970 - 9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/28/93 01:45
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33132.raw
 Result File : f:\turbo32\khorvat\9a33132.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB608 COLUMN #152 Channel A

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.80	429679	TMX	80833.45	BB	0.0201
3	14.21	218487	beta-BHC	37284.53	BB	0.0214
5	15.52	339216	delta-BHC	63582.94	BB	0.0209
6	16.24	315323	Aldrin	63122.01	BB	0.0194
8	18.22	335077	Hept. epoxide	67735.46	BB	0.0196
9	18.80	351425	gamma chlordane	68683.23	BB	0.0194
10	19.35	356641	alpha chlordane	68102.84	BV	0.0198
12	20.23	529159	4,4'-DDE	101502.84	BV	0.0428
14	22.35	473149	Endosulfan II	95668.44	BV	0.0389
15	22.72	97479		7372.44	VB	0.0975
16	23.44	321886	Endrin aldehyde	60680.17	BV	0.0370
17	23.86	427310	Endo. sulfate	85466.92	VB	0.0401
19	26.06	16376	Methoxychlor	715.75	BV	0.0040
20	26.51	502944	Endrin ketone	87569.27	VB	0.0401
21	32.23	659655	DCBP	66622.81	BB	0.0394

 5373806 954943.13

8/31/93 02

=====
 5890-9 DB608 COLUMN #152 Channel A
 =====

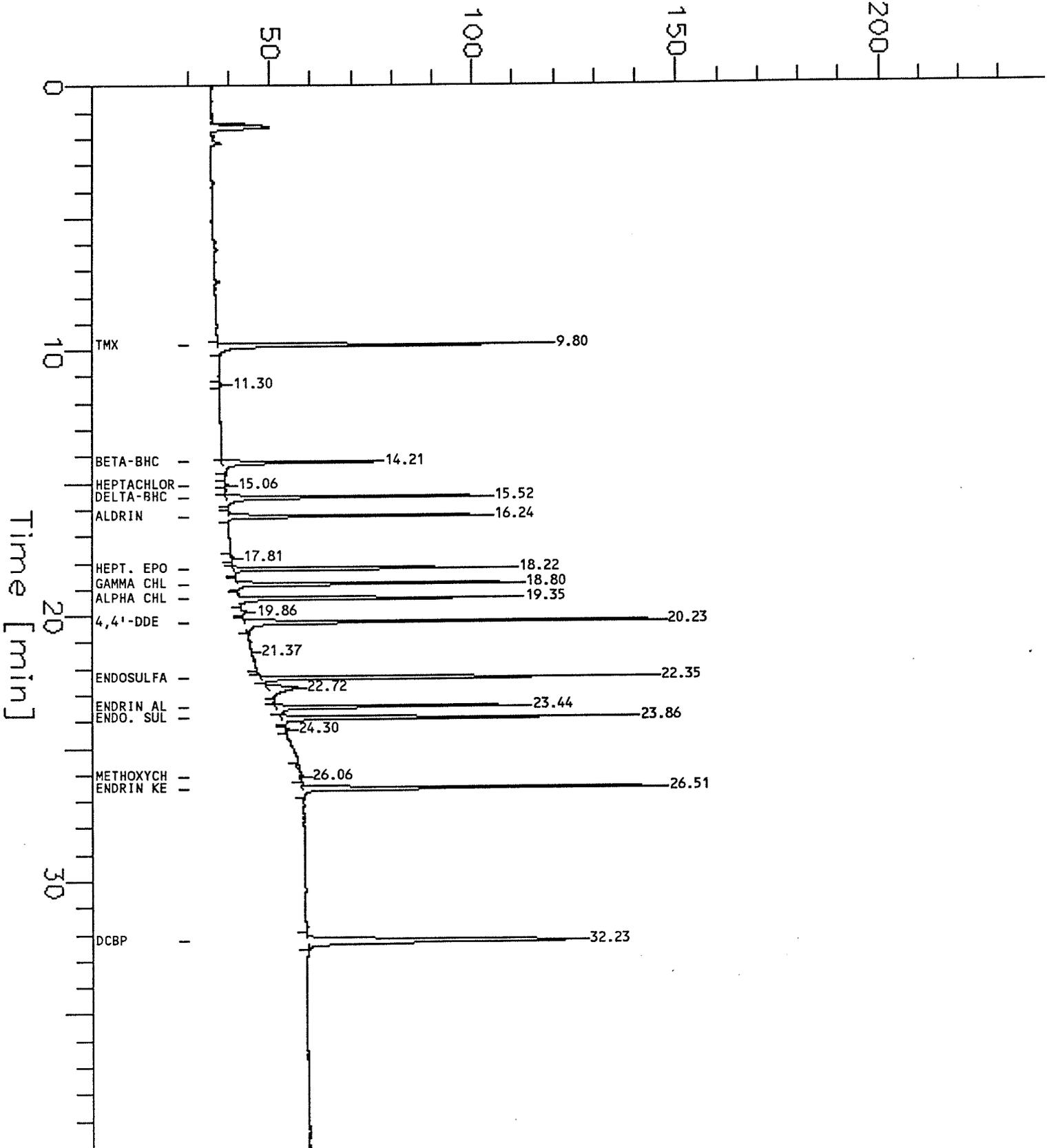
Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9a33132.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDBM06
Date : 08/30/93 10:32
Time of Injection: 08/28/93 01:45
Low Point : 30.00 mV
Plot Scale: 200 mV

Page 1 of 1
High Point : 230.00 mV

DB608



=====

Software Version: 3.2 <10J29>

Sample Name : ICM4CE Time : 08/30/93 11:00
 Sample Number: INDAM07 Study :
 Operator :

Instrument : 970 -_9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/28/93 22:23
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33159.raw
 Result File : f:\turbo32\khorvat\9a33159.rst
 Instrument File : f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.81	450371	TMX	83790.64	BB	0.0210
3	12.44	361100	alpha-BHC	79629.33	BB	0.0200
4	13.91	324544	gamma-BHC	69649.24	BB	0.0198
5	15.08	361678	Heptachlor	70538.78	BB	0.0203
8	19.46	266270	Endosulfan I	52931.52	BB	0.0193
9	20.50	495503	Dieldrin	103604.02	BB	0.0379
10	21.74	388477	Endrin	80850.01	BV	0.0408
11	22.13	397372	4,4'-DDD	73940.06	VV	0.0433
12	22.72	84643		6080.23	VV	0.0846
13	23.12	332279	4,4'-DDT	67001.02	VE	0.0344
18	24.65	15230		2310.95	BB	0.0152
19	26.05	859729	Methoxychlor	155447.73	BV	0.2095
20	26.53	35873	Endrin ketone	5581.16	VB	0.0029
21	32.26	631992	DCBP	64664.79	BB	0.0377
				5005059		
				916019.56		

8/30/93 OK

=====

5890-9 DB608 COLUMN #152 Channel A

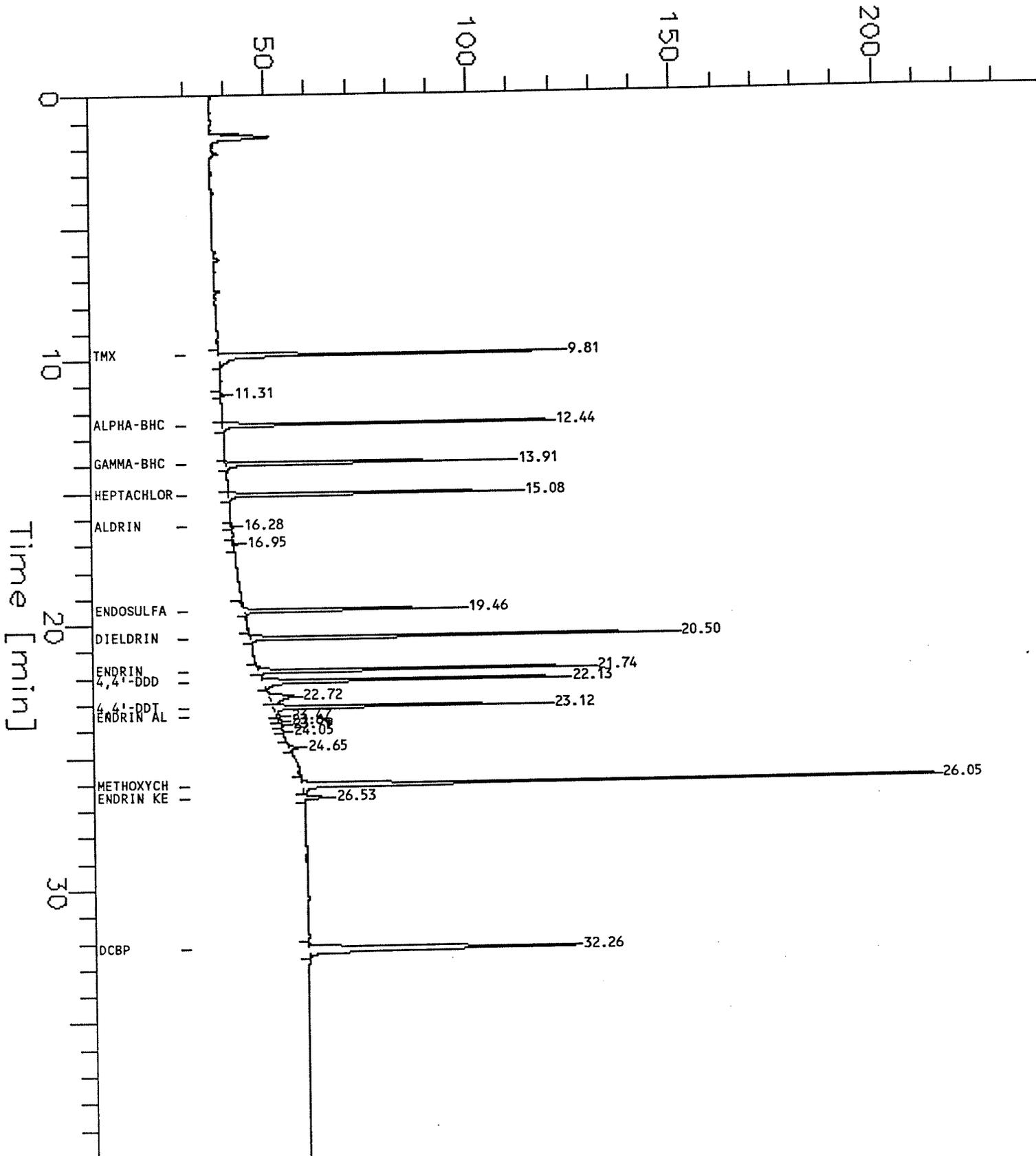
=====

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9a33159.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAM07
Date : 08/30/93 11:00
Time of Injection: 08/28/93 22:23
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BF
Sample Number: INDBM07
Operator :
Time : 08/30/93 11:01
Study :
  
```

```

Instrument : 970_-9
AutoSampler : NONE
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
  
```

```

Interface Serial # : 2135574868
Data Acquisition Time: 08/28/93 23:08
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9a33160.raw
Result File : f:\turbo32\khorvat\9a33160.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000
Area Reject : 10000.00
Dilution Factor : 1.00
  
```

=====

5890-9 DB608 COLUMN #152 Channel A					
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.81	436585	TMX	81402.67	BB 0.0204
3	14.22	201600	beta-BHC	37860.87	BB 0.0197
5	15.53	327040	delta-BHC	63689.19	BB 0.0202
6	16.26	313276	Aldrin	63351.09	BB 0.0193
7	18.24	318299	Hept. epoxide	65852.75	BB 0.0186
8	18.81	333440	gamma chlordane	66254.53	BB 0.0184
9	19.36	331060	alpha chlordane	66322.09	BB 0.0184
11	20.24	485914	4,4'-DDE	98307.15	BB 0.0393
13	22.37	452295	Endosulfan II	92212.68	BV 0.0372
14	22.73	62250		4744.76	VB 0.0623
15	23.46	307217	Endrin aldehyde	57850.29	BV 0.0353
16	23.88	412473	Endo. sulfate	81661.17	VV 0.0387
18	26.53	451270	Endrin ketone	81779.53	BB 0.0360
19	32.26	632573	DCBP	64318.70	BB 0.0378
		5065292		925607.44	

8/3/93

```

=====
5890-9 DB608 COLUMN #152 Channel A
=====
  
```

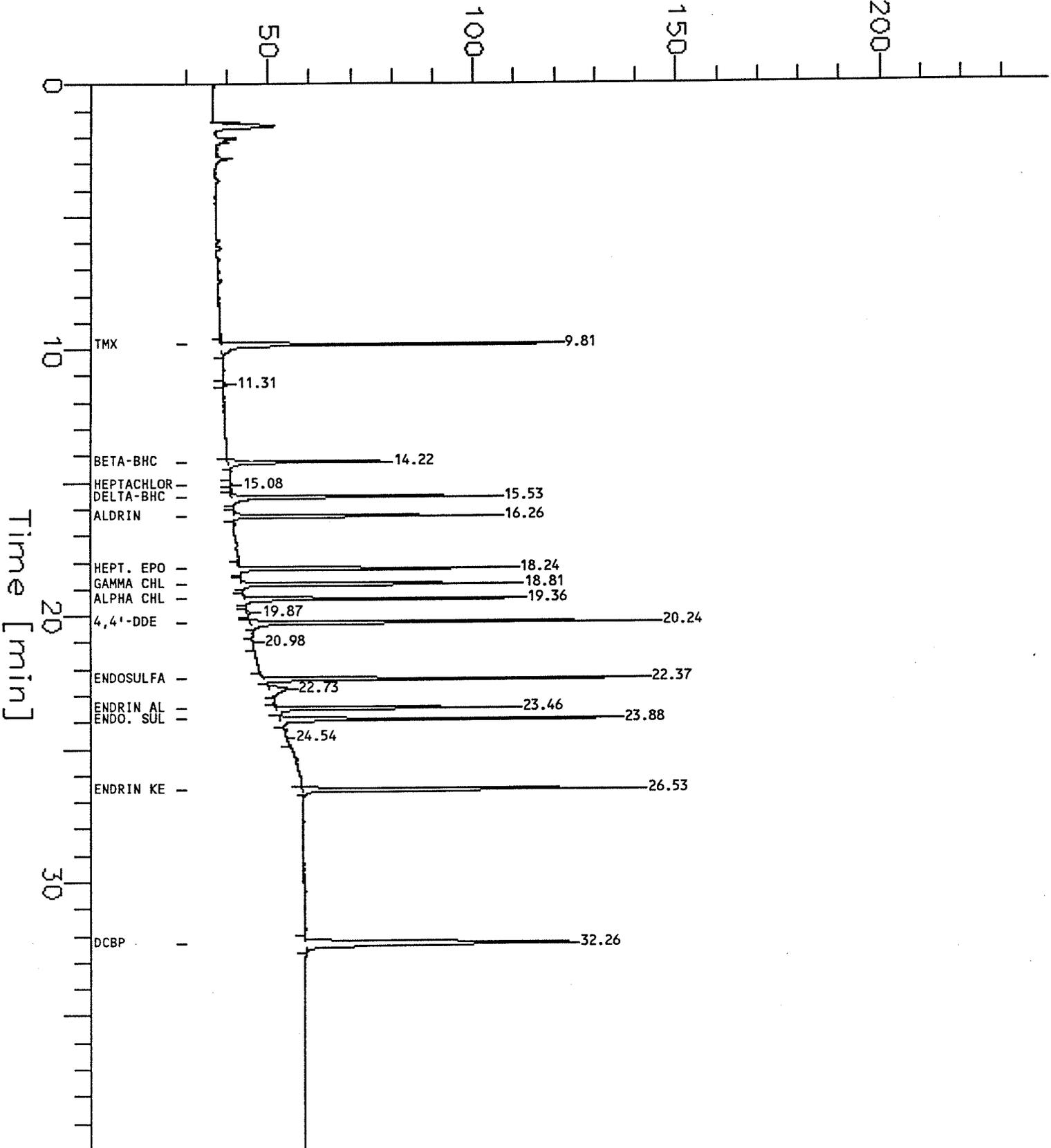
Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9a33160.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDBM07
Date : 08/30/93 11:01
Time of Injection: 08/28/93 23:08
Low Point : 30.00 mV
Plot Scale: 200 mV

High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CE           Time       : 08/31/93  07:57
Sample Number: INDAM08        Study      :
Operator   :

Instrument  : 970_-9           Channel   : A      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/30/93  23:31
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec

```

```

Raw Data File  : f:\turbo32\khorvat\9a33188.raw
Result File    : f:\turbo32\khorvat\9a33188.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33A.prc
Sample File    : f:\turbo32\khorvat\9-33AX.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00

```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.79	445049	TMX	81740.47 BB	0.0208
3	12.42	373965	alpha-BHC	80226.22 BB	0.0207
4	13.88	339454	gamma-BHC	69377.75 BB	0.0207
5	15.05	370195	Heptachlor	71660.12 BB	0.0207
7	19.44	277526	Endosulfan I	55459.61 BB	0.0201
8	20.48	530181	Dieldrin	109079.87 BB	0.0406
9	21.72	406827	Endrin	82502.15 BB	0.0427
10	22.11	407739	4,4'-DDD	66249.35 BV	0.0445
11	22.73	92673		6027.39 VV	0.0927
12	23.10	370363	4,4'-DDT	71131.23 VV	0.0384
13	23.44	11594	Endrin aldehyde	2093.20 VV	0.0013
16	24.64	10927		1520.65 BB	0.0109
17	26.02	891324	Methoxychlor	152283.38 BV	0.2172
18	26.50	45781	Endrin ketone	6973.43 VB	0.0037
19	32.20	686880	DCBP	67299.31 BB	0.0410
5260476				923624.13	

5/2/93 22

```

=====
5890-9      DB608 COLUMN #152      Channel A
=====

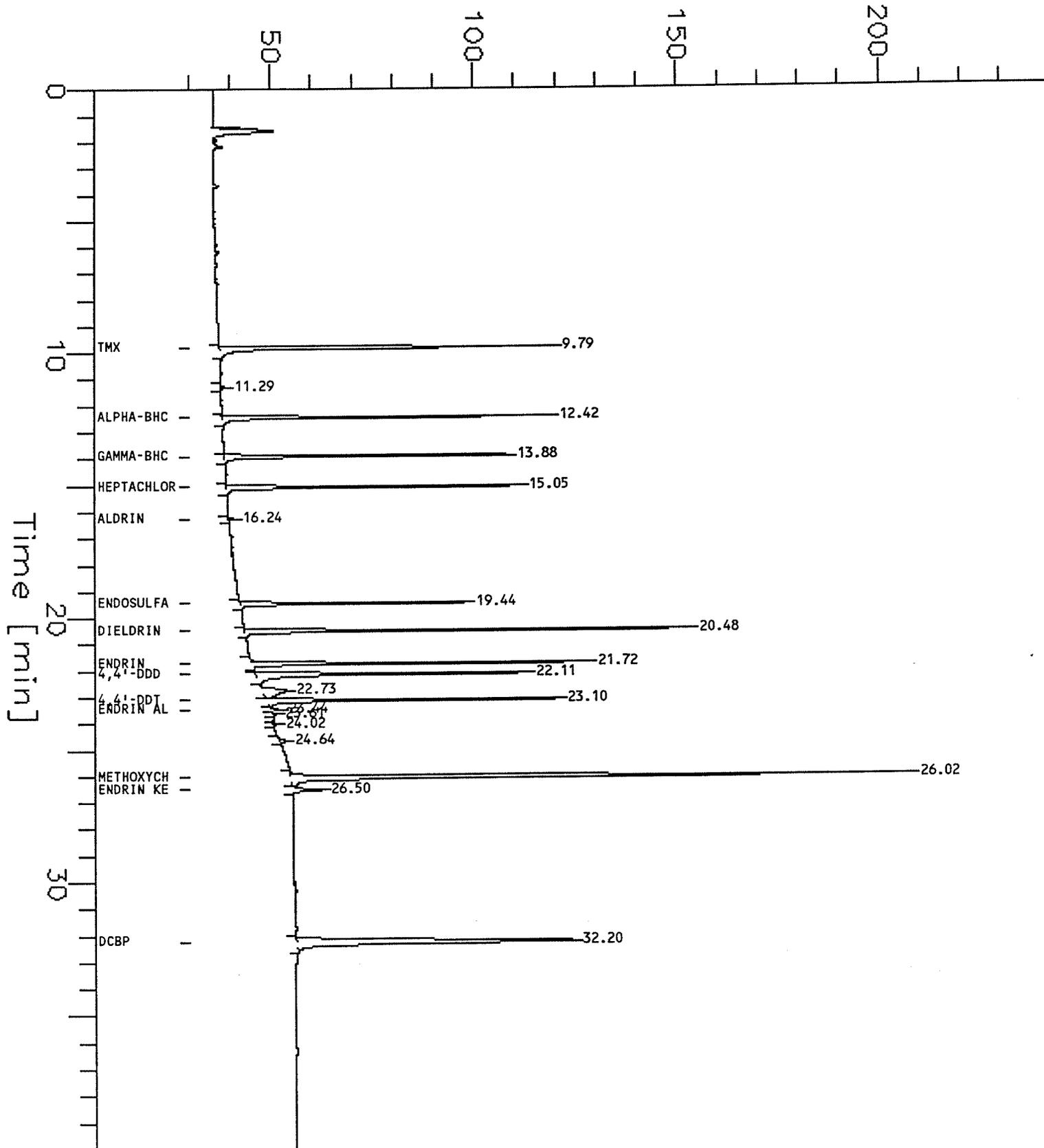
```

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9a33188.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAM08
Date : 08/31/93 07:57
Time of Injection: 08/30/93 23:31
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BF           Time       : 08/31/93 07:58
Sample Number: INDBM08        Study      :
Operator    :

Instrument  : 970 -_9          Channel   : A    A/D mV Range : 1000
AutoSampler: NONE
Rack/Vial  : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/31/93 (42:17) 0067
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
    
```

*med
9/7/93*

```

Raw Data File : f:\turbo32\khorvat\9a33189.raw
Result File   : f:\turbo32\khorvat\9a33189.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume   : 1 ul           Area Reject : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
Peak Ret Time      Area          Component          Height  BL Concentration
# [min] [uV/sec]      Name              [uV]    ng
-----
1   9.79      444559 TMX              77473.00 BB  0.0208
3  14.20      220039 beta-BHC         35509.69 BB  0.0215
4  15.51      336549 delta-BHC       59164.22 BB  0.0208
5  16.23      325256 Aldrin         65126.13 BB  0.0200
7  18.21      335236 Hept. epoxide   67414.81 BB  0.0196
8  18.79      353713 gamma chlordane 69107.12 BB  0.0195
9  19.34      352498 alpha chlordane 67939.22 BB  0.0195
10 19.84       11348                  2226.63 BB  0.0114
11 20.22      519216 4,4'-DDE       91238.27 BB  0.0420
13 22.34      480261 Endosulfan II      94688.23 BV  0.0395
14 22.75       86055                  5600.65 VB  0.0861
15 23.43      313815 Endrin aldehyde     57373.04 BV  0.0360
16 23.85      443114 Endo. sulfate       84016.38 VV  0.0416
19 26.49      498099 Endrin ketone       85285.41 BB  0.0397
20 32.20      678234 DCBP           67233.83 BB  0.0405
-----
                    5397990      929396.56
    
```

```

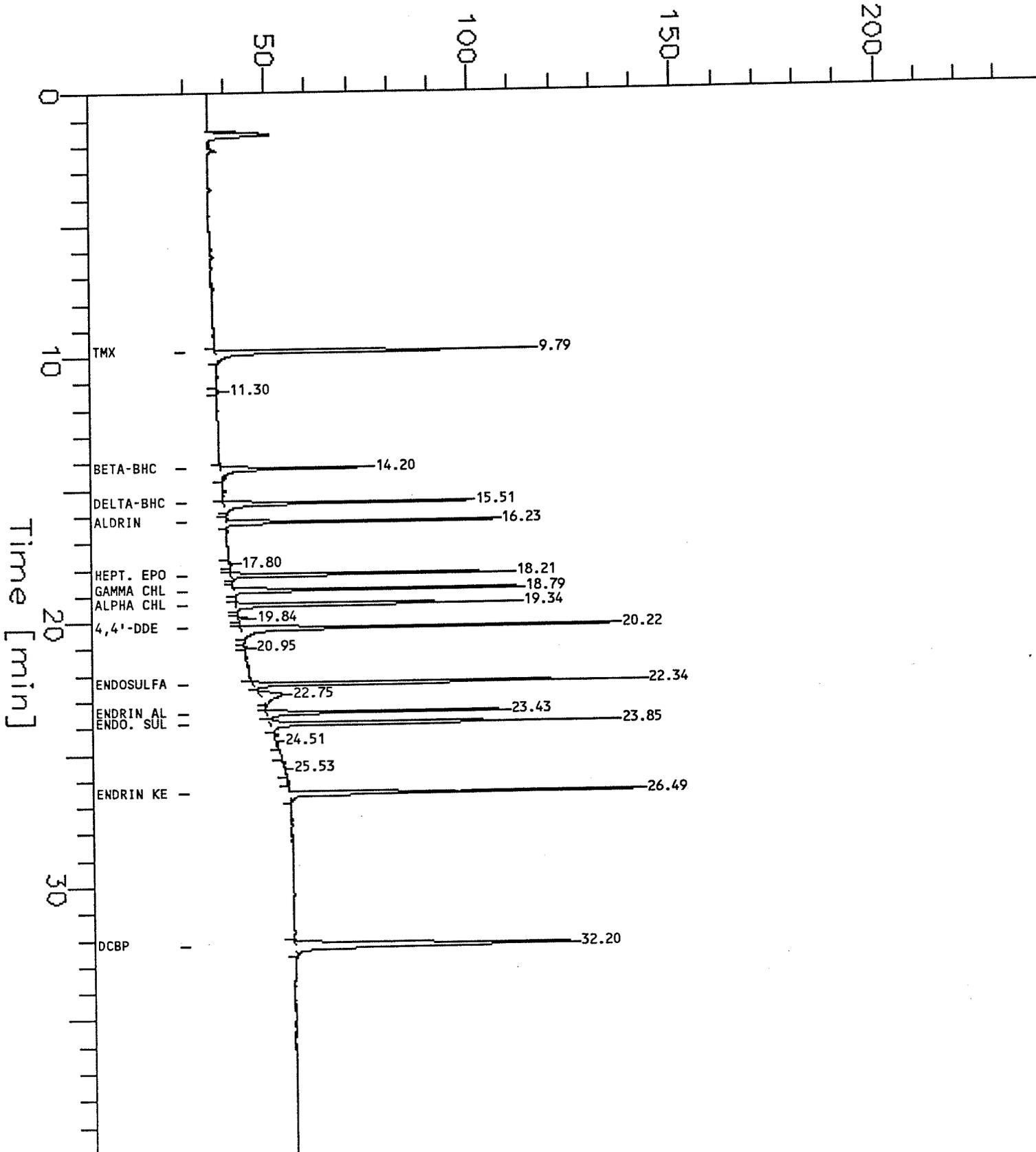
=====
                    5890-9      DB608 COLUMN #152      Channel A
=====
    
```

Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9a33189.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDBM08
Date : 08/31/93 07:58
Time of Injection: 08/31/93 (12:17) 0017
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM4CE Time : 09/01/93 08:23
 Sample Number: INDAM09 Study :
 Operator :

Instrument : 970_-9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/31/93 20:56
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33216.raw
 Result File : f:\turbo32\khorvat\9a33216.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB608 COLUMN #152 Channel A

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.80	436198	TMX	75808.73	BB	0.0204
3	12.42	363316	alpha-BHC	74414.73	BB	0.0201
4	13.89	329312	gamma-BHC	65668.67	BB	0.0200
5	15.05	364679	Heptachlor	69600.16	BB	0.0204
7	19.44	275107	Endosulfan I	53987.08	BB	0.0200
8	20.48	521839	Dieldrin	104372.89	BB	0.0399
9	21.72	395185	Endrin	78914.65	BB	0.0415
10	22.12	393615	4,4'-DDD	59274.69	BV	0.0429
11	22.76	76506		5188.52	VV	0.0765
12	23.10	354575	4,4'-DDT	68451.74	VB	0.0367
13	23.44	10242	Endrin aldehyde	2185.07	BB	0.0012
16	24.65	10688		1226.38	BB	0.0107
17	26.02	878184	Methoxychlor	144345.11	BV	0.2140
18	26.50	49979	Endrin ketone	7239.93	VB	0.0040
19	32.21	676175	DCBP	64429.16	BB	0.0404
		5135601		875107.50		

9/1/93

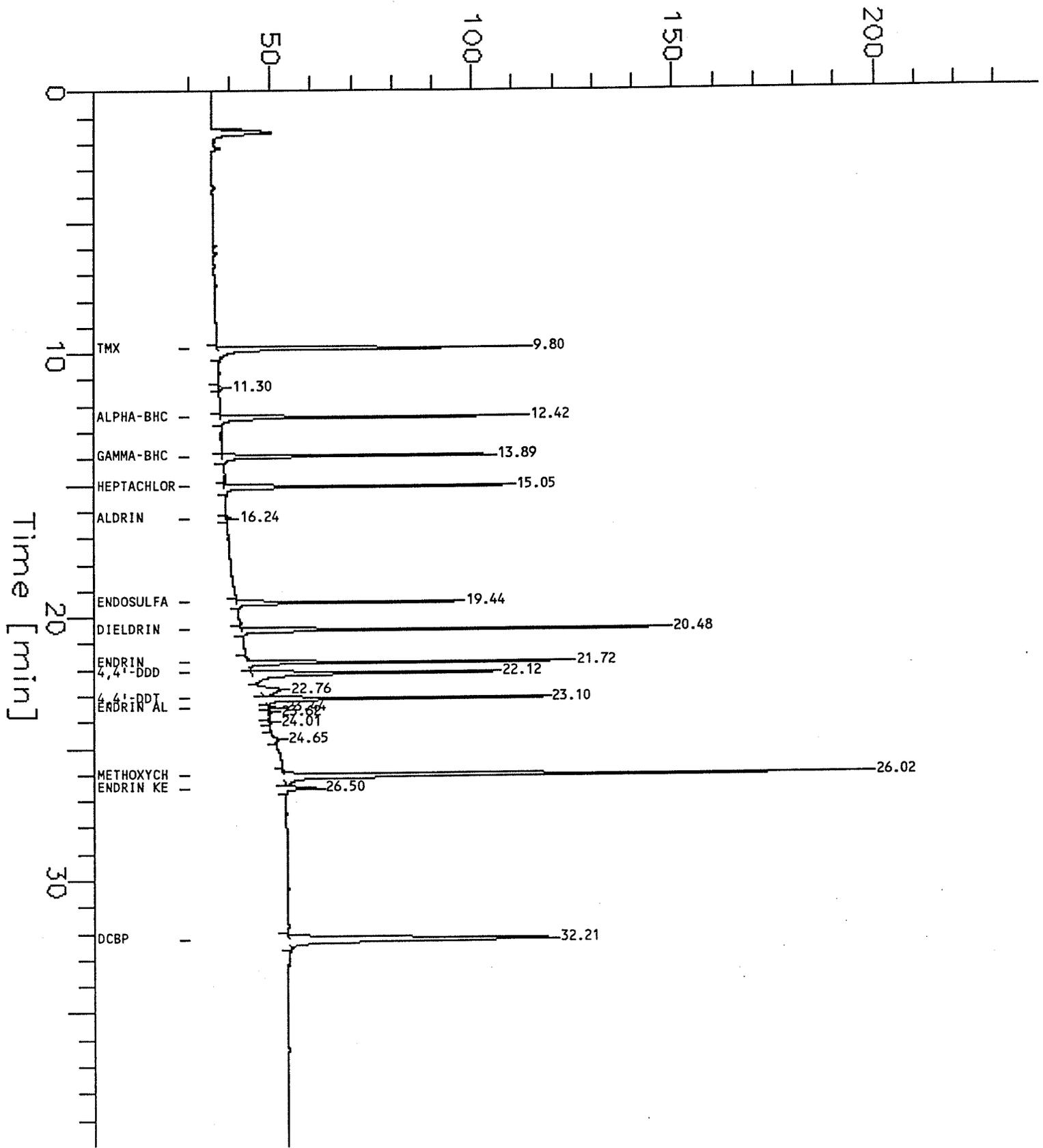
=====
 5890-9 DB608 COLUMN #152 Channel A
 =====

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9a33216.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAM09
Date : 09/01/93 08:24
Time of Injection: 08/31/93 20:56
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BF           Time       : 09/01/93  08:24
Sample Number: INDBM09        Study      :
Operator   :

Instrument  : 970_ -_9         Channel   : A      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/31/93  21:42
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9a33217.raw
Result File     : f:\turbo32\khorvat\9a33217.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33AX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject    : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
  
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.80	426485	TMX	74819.82	BB	0.0199
3	14.21	213514	beta-BHC	32955.04	BB	0.0209
4	15.52	327535	delta-BHC	55022.36	BB	0.0202
5	16.23	322594	Aldrin	63748.83	BB	0.0199
7	18.22	336234	Hept. epoxide	66668.78	BB	0.0196
8	18.79	351210	gamma chlordane	67558.38	BB	0.0194
9	19.34	350429	alpha chlordane	67593.93	BB	0.0194
11	20.23	508025	4,4'-DDE	86169.79	BB	0.0411
12	22.35	476671	Endosulfan II	93663.52	BB	0.0392
13	22.77	65369		4572.07	BB	0.0654
14	23.44	338231	Endrin aldehyde	61412.47	BV	0.0388
15	23.86	435486	Endo. sulfate	81970.25	VB	0.0409
17	26.50	494256	Endrin ketone	82899.80	BB	0.0394
18	32.22	675652	DCBP	64535.63	BB	0.0403
		5321690		903590.69		

9/1/93 *sk*

```

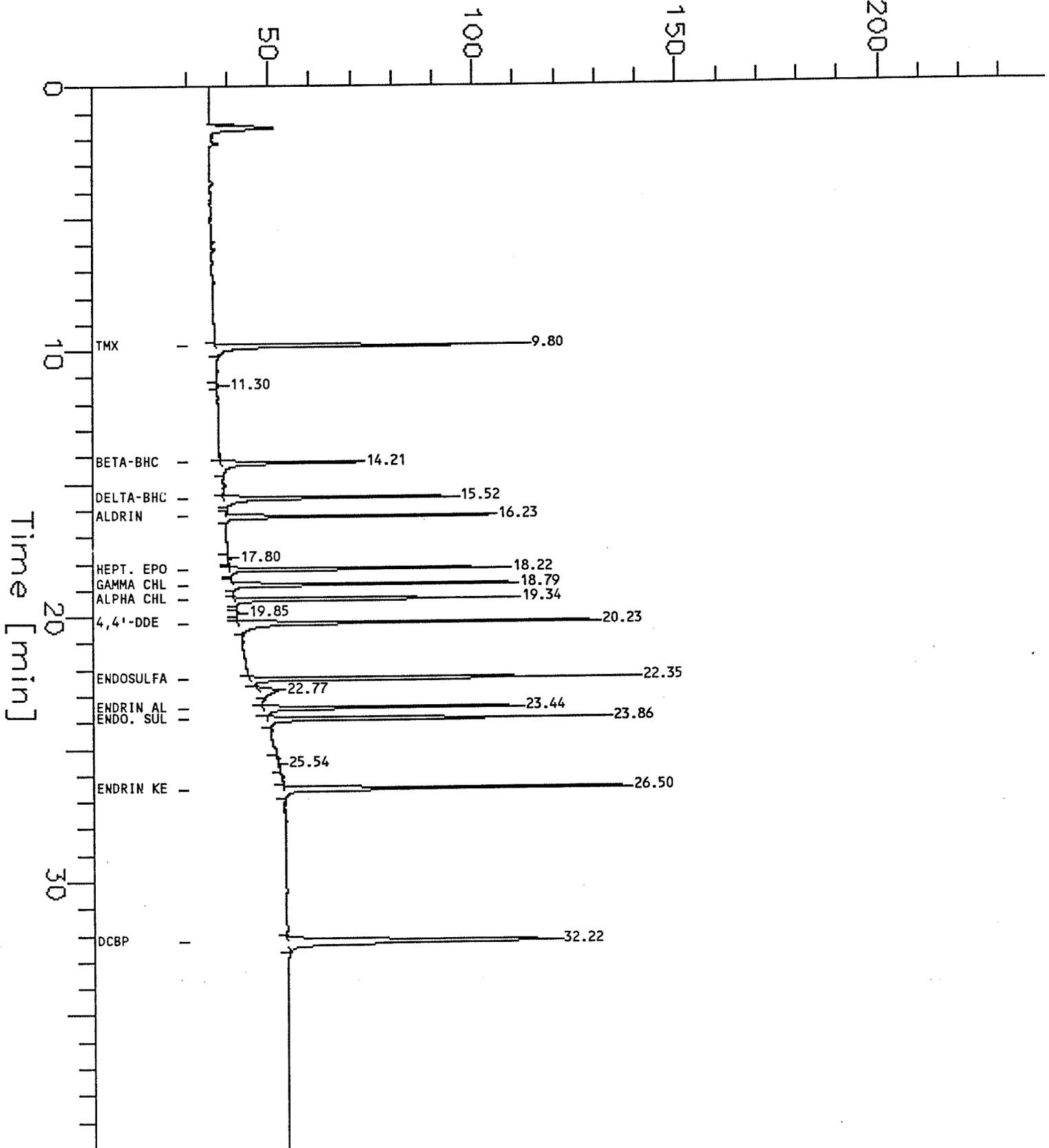
=====
                    5890-9      DB608 COLUMN #152      Channel A
  
```

Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9a33217.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDBM09
Date : 09/01/93 08:24
Time of Injection: 08/31/93 21:42
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CE           Time       : 09/01/93  20:52
Sample Number: INDAM10        Study      :
Operator   :

Instrument  : 970 -_9          Channel : A    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 09/01/93  17:34
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File  : f:\turbo32\khorvat\9a33243.raw
Result File    : f:\turbo32\khorvat\9a33243.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33A.prc
Sample File    : f:\turbo32\khorvat\9-33AX.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

		5890-9	DB608 COLUMN #152	Channel A	
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.79	440592	TMX	85359.77	BB 0.0206
2	11.27	10027		1354.89	BB 0.0100
3	12.42	368535	alpha-BHC	81115.02	BB 0.0204
4	13.88	333046	gamma-BHC	70026.25	BB 0.0203
5	15.05	366844	Heptachlor	71884.66	BB 0.0206
6	16.93	21182		1039.51	BB 0.0212
7	19.44	275628	Endosulfan I	53547.49	BB 0.0200
8	20.48	505824	Dieldrin	105298.19	BB 0.0387
9	21.72	385748	Endrin	79847.02	BB 0.0405
10	22.11	403543	4,4'-DDD	74328.42	BV 0.0440
11	22.69	108093		7798.89	VV 0.1081
12	23.10	332367	4,4'-DDT	68210.37	VV 0.0344
16	24.63	28278		3039.23	VV 0.0283
17	26.02	980464	Methoxychlor	155175.52	VV 0.2390
18	26.50	43165	Endrin Ketone	6918.81	VB 0.0034
19	32.20	624073	DCBP	62265.63	BB 0.0373
		5227409		927209.69	

9/6/93

```

=====
5890-9          DB608 COLUMN #152          Channel A
=====

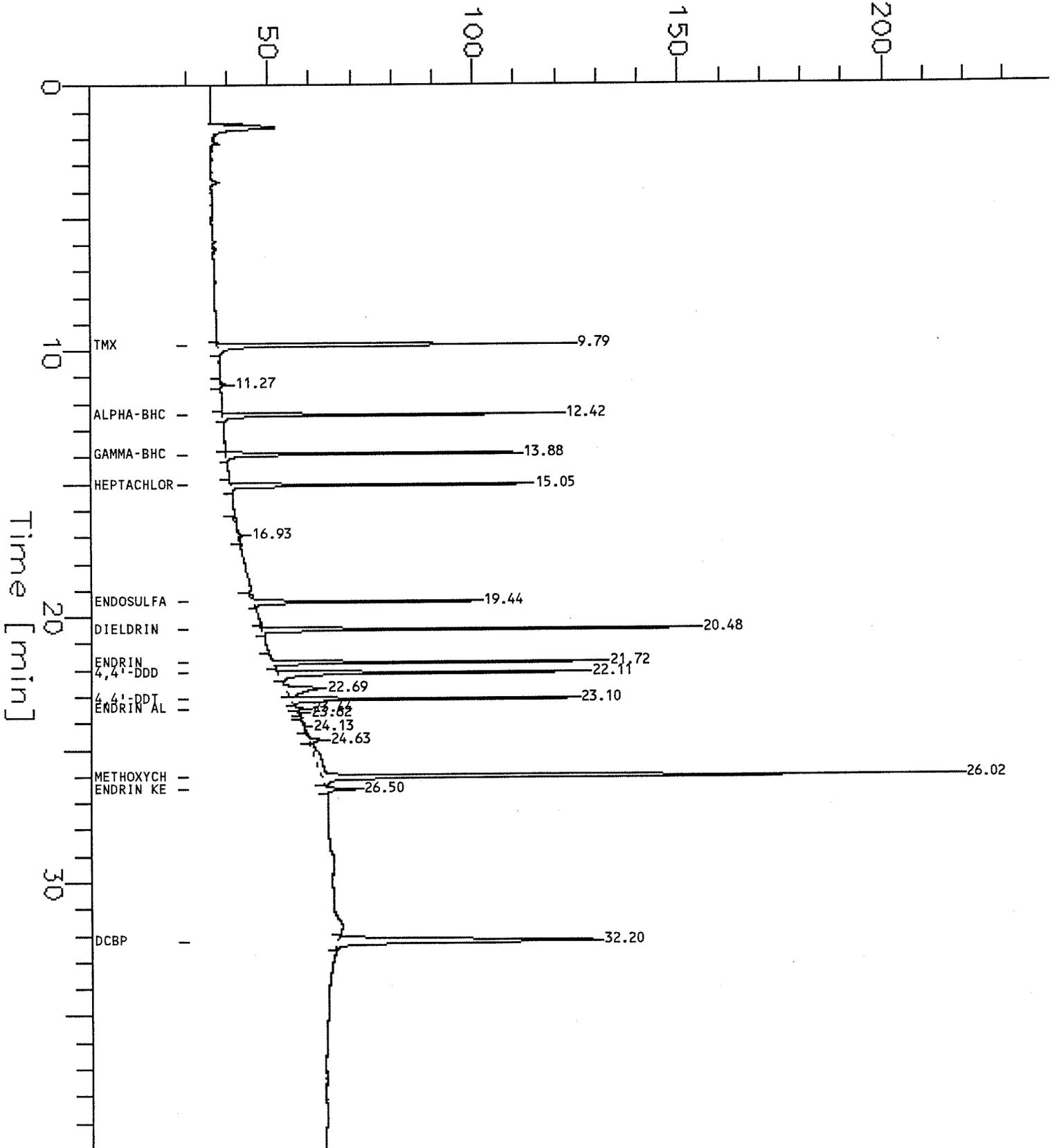
```

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9a33243.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDAM10
Date : 09/01/93 20:52
Time of Injection: 09/01/93 17:34
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM5BF Time : 9/7/93 09:40
 Sample Number: INDBM10 Study :
 Operator :

Instrument : 970_-9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 9/1/93 20:34
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : F:\TURBO32\KHORVAT\9a33244.raw
 Result File : f:\turbo32\khorvat\9a33244.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB608 COLUMN #152 Channel A
 Peak Ret Time Area Component Height BL Concentration
 # [min] [uV/sec] Name [uV] ng

 1 9.82 427598 TMX 82907.45 BB 0.0200
 3 14.22 199496 beta-BHC 38192.25 BB 0.0195
 5 15.54 327815 delta-BHC 66387.73 BB 0.0202
 6 16.26 305885 Aldrin 61702.50 BB 0.0188
 7 18.24 307474 Hept. epoxide 63645.97 BV 0.0179
 8 18.82 343066 gamma chlordane 66518.49 VB 0.0189
 9 19.36 338582 alpha chlordane 64933.91 BV 0.0188
 11 20.24 506382 4,4'-DDE 104846.97 BB 0.0409
 13 22.37 427724 Endosulfan II 89892.99 BB 0.0352
 14 22.64 67200 7325.44 BB 0.0672
 15 23.46 313813 Endrin aldehyde 59144.88 BV 0.0360
 16 23.88 405970 Endo. sulfate 81322.07 VB 0.0381
 18 26.53 451979 Endrin ketone 82892.16 BB 0.0361
 19 32.25 607779 DCBP 61454.23 BB 0.0363

5030762

931167.00

5759 dn

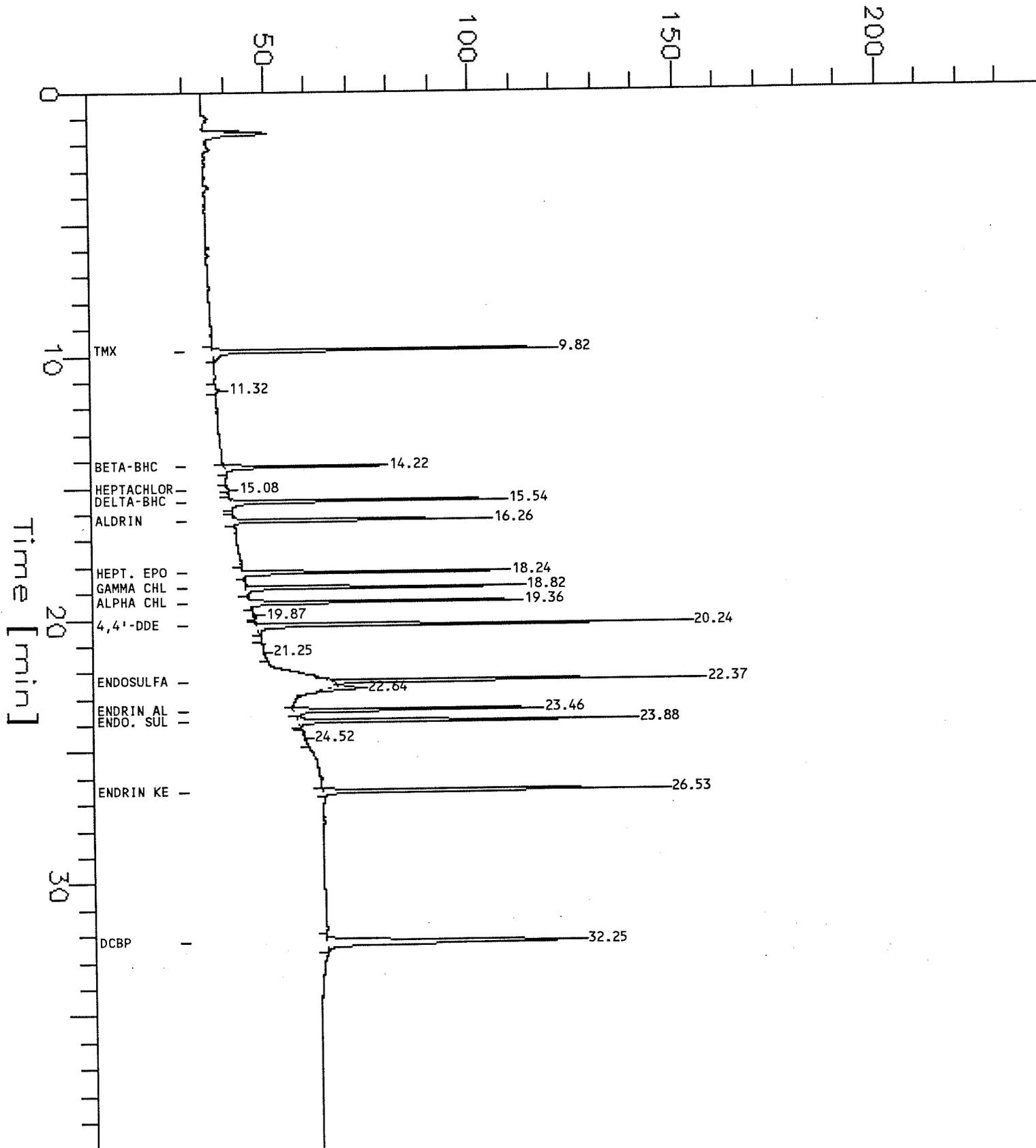
=====
 5890-9 DB608 COLUMN #152 Channel A
 =====

Sample Name : ICM5BF
FileName : F:\TURBO32\KHORVAT\9a33244.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: INDBM10
Date : 9/7/93 09:41
Time of Injection: 9/1/93 20:34
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time       : 09/07/93 09:29
Sample Number: PEM12          Study      :
Operator      :

Instrument   : 970_-_9         Channel  : A    A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 09/02/93 04:58
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9a33255.raw
Result File   : f:\turbo32\khorvat\9a33255.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
Peak Ret Time      Area          Component          Height  BL Concentration
# [min] [uV/sec]      Name              [uV]     ng
-----
1   9.82    327236  TMX                65757.56 BB    0.0153
2  11.27    18337   18337              3151.90 BB    0.0183
4  12.45    143741  alpha-BHC         32042.99 BB    0.0080
5  13.91    138408  gamma-BHC        29778.03 BV    0.0084
6  14.22    90063   beta-BHC         17974.31 VB    0.0088
7  16.67    140508  140508           5093.25 BV    0.1405
8  18.35    471277  471277           4871.45 VV    0.4713
9  18.57    120301  120301           7230.03 VV    0.1203
10 18.96    95645   95645            5166.67 VB    0.0956
11 19.87    227393  227393           2465.49 BB    0.2274
12 21.48    18265   18265            3738.36 BB    0.0183
13 21.75    359565  Endrin            77064.22 BB    0.0378
14 22.13    70642   4,4'-DDD         12760.64 BB    0.0077
15 22.69    42330   42330            4414.17 BB    0.0423
16 23.12    631616  4,4'-DDT         137177.38 BV    0.0654
19 23.79    11789   11789            1703.92 VV    0.0118
21 24.65    32998   32998            3176.90 BB    0.0330
22 25.50    20802   20802            813.50 BB    0.0208
23 26.05    835263  Methoxychlor     155723.56 BV    0.2036
24 26.53    45247   Endrin ketone    5791.01 VB    0.0036
25 27.72    19572   19572            1204.49 BB    0.0196
26 32.26    218963  DCBP             22536.23 BB    0.0131
-----
                    4079960      599636.13
  
```

9/7/93

```

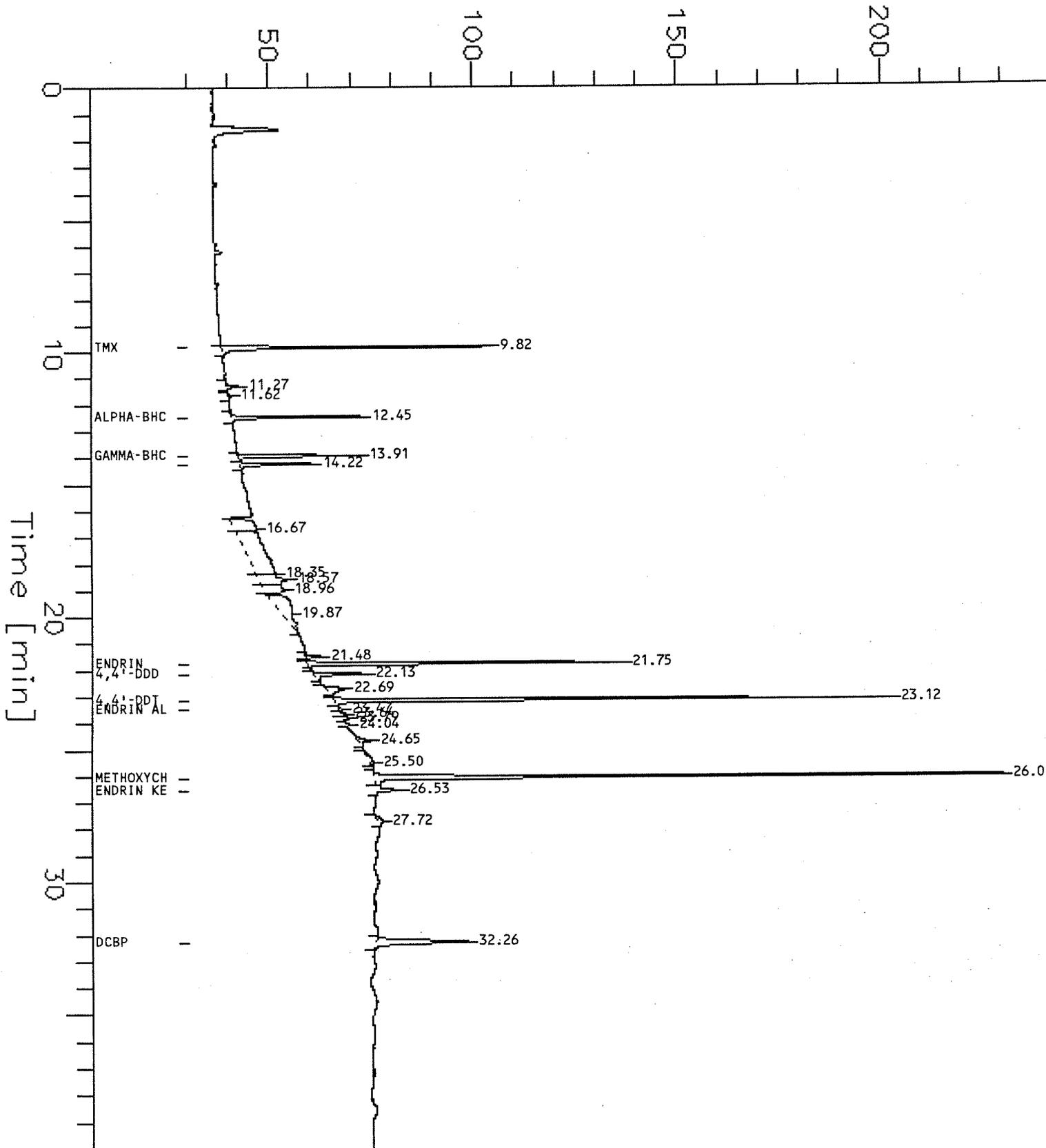
=====
                    5890-9      DB608 COLUMN #152      Channel A
  
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9a33255.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PEM12
Date : 09/07/93 09:29
Time of Injection: 09/02/93 04:58
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM2AB           Time      : 08/24/93  12:12
Sample Number: RESC01         Study       :
Operator      :

Instrument   : 970_-_9         Channel  : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/23/93  11:48
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33001.raw
Result File   : f:\turbo32\khorvat\9b33001.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB1701  COLUMN #163      Channel B
Peak Ret Time      Area          Component      Height   BL Concentration
#      [min]      [uV/sec]      Name          [uV]     ng
-----
  2    10.77      324613  TMX           80370.35  BB      0.0154
  5    20.44      114287  Endosulfan I  27253.49  BV      0.0075
  6    20.55      145697  gamma chlordane  33672.94  VB      0.0070
  7    20.99      216037  4,4'-DDE     52563.79  BB      0.0130
  8    21.62      233216  Dieldrin     56403.78  BB      0.0139
 10    24.14       80847                12701.97  BB      0.0809
 11    25.29       36773                810.54   BB      0.0368
 12    25.96      622230  Methoxychlor 132305.36  BV      0.0716
 13    26.10      176048  Endo. sulfate 37053.89  VB      0.0132
 14    27.76      246647  Endrin ketone 44307.32  BB      0.0140
 15    31.77      369746  DCBP         44504.43  BB      0.0153
-----
  
```

```

                    2566141          521947.81
  
```

8/24/93

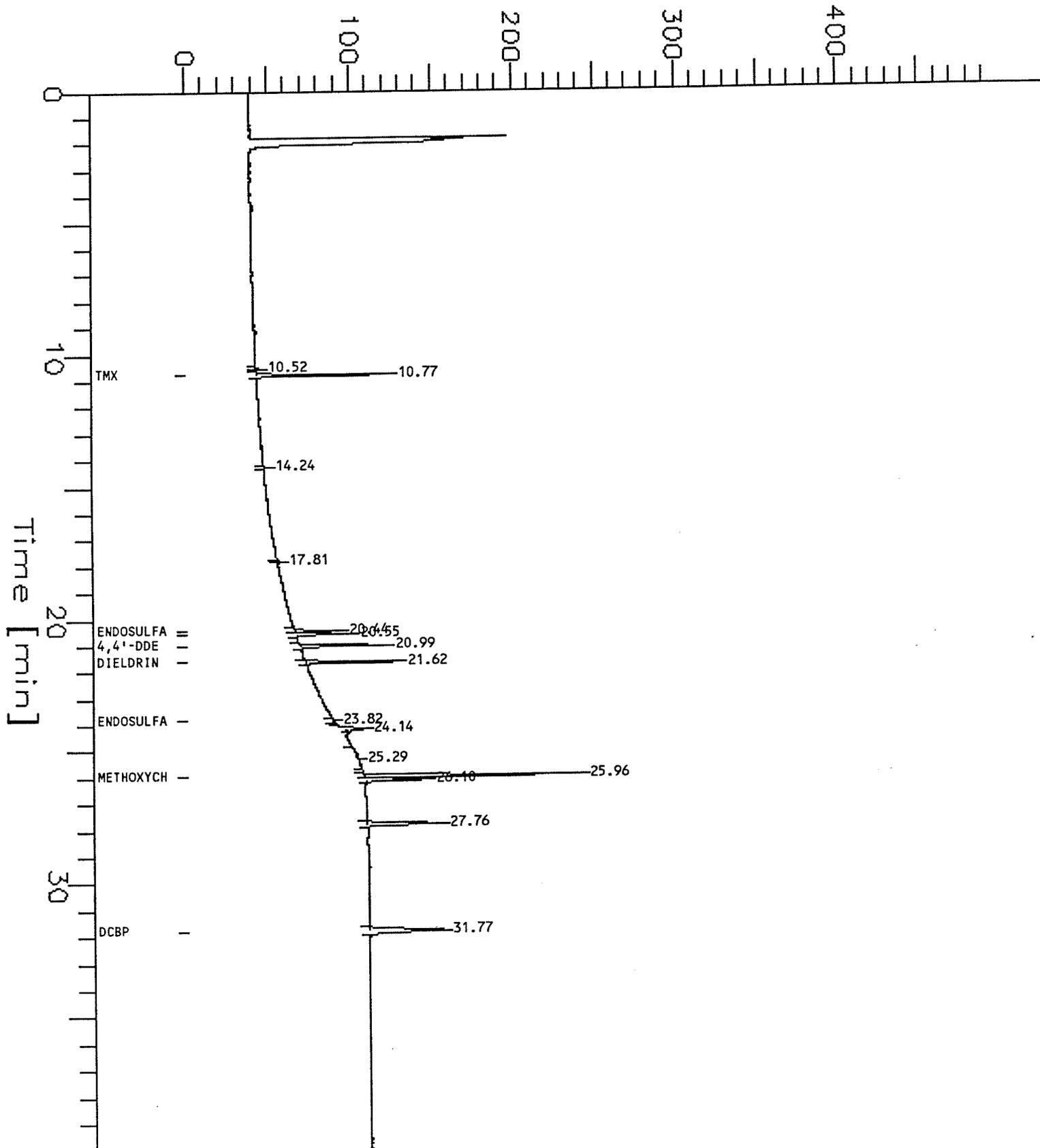
```

=====
                    5890-9      DB1701  COLUMN #163      Channel B
=====
  
```

Sample Name : ICM2AB
FileName : f:\turbo32\khorvat\9b33001.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

Sample #: RESC01
Date : 8/24/93 11:45
Time of Injection: 8/23/93 11:48
Low Point : 0.00 mV
Plot Scale: 500 mV
Page 1 of 1
High Point : 500.00 mV

DB1701

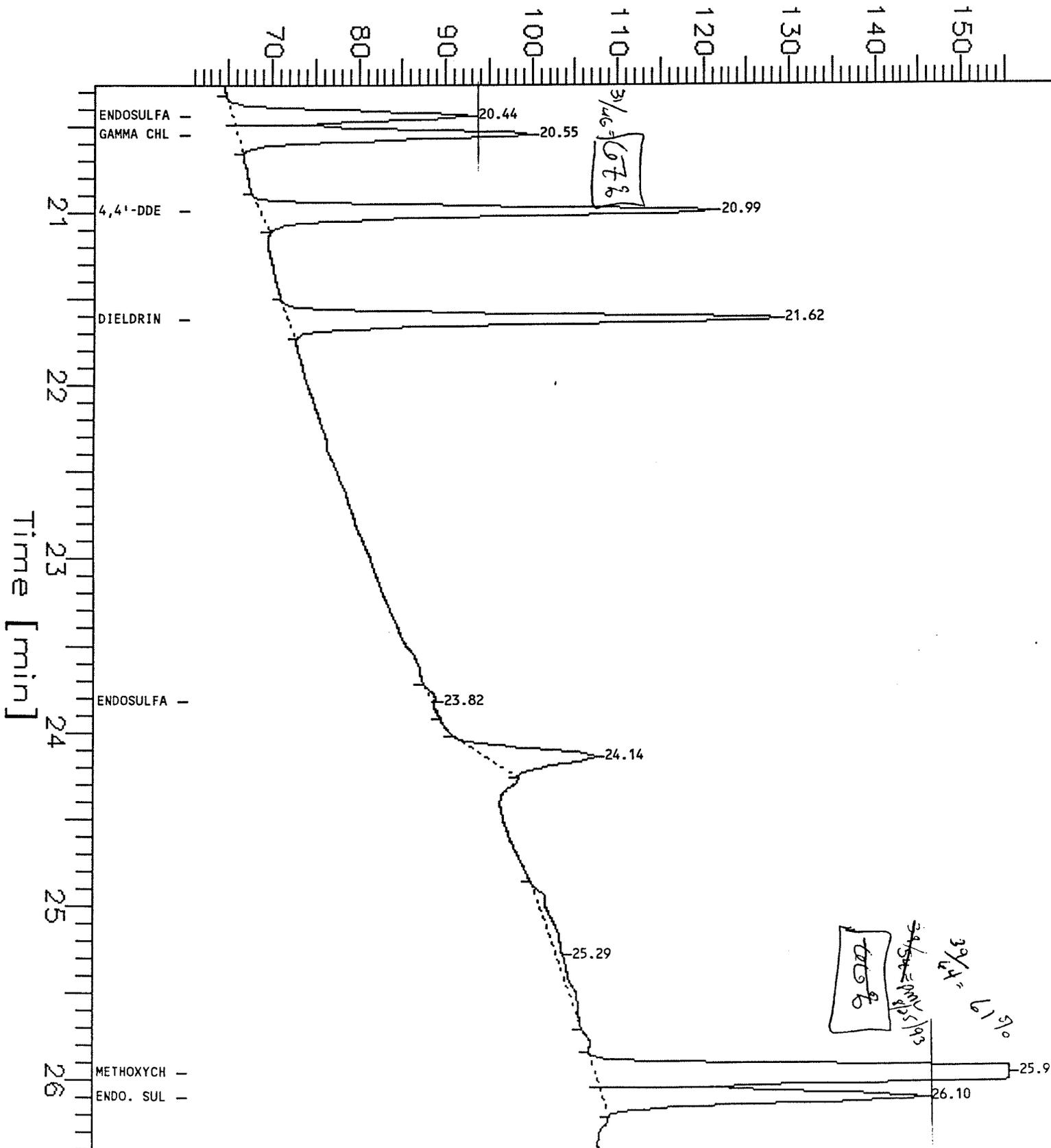


Sample Name : ICM2AB
FileName : F:\TURBO32\KHORVAT\9b33001.raw
Method : 9-33D.ins
Start Time : 20.26 min
Scale Factor: 0

End Time : 26.40 min
Plot Offset: 61 mV

Sample #: RESC01
Date : 8/24/93 13:44
Time of Injection: 8/23/93 11:48
Low Point : 60.49 mV
Plot Scale: 95 mV
High Point : 155.31 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM66DA           Time      : 8/24/93  11:53
Sample Number: AR166001        Study     :
Operator      :

Instrument   : 970_-9           Channel  : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  14:06
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9b33004.raw
Result File   : f:\turbo32\khorvat\9b33004.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume   : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
    
```

=====

		5890-9	DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.75	387200	TMX	96188.95	BB 0.0183
7	12.92	43376	1016	10283.91	BB 0.0434
9	14.29	96456		21352.92	BB 0.0965
12	14.99	20744		5025.75	VV 0.0207
13	15.15	31736		7356.85	VB 0.0317
15	15.92	159218		31054.01	BB 0.1592
17	16.37	56534		12088.12	VB 0.0565
18	16.73	42672		10306.79	BB 0.0427
19	17.03	28145		7413.27	BV 0.0281
21	17.89	70814		11881.33	BB 0.0708
22	18.21	29536		7584.71	BB 0.0295
26	19.20	44540		10370.49	BB 0.0445
28	19.80	39752		9256.86	BB 0.0398
31	21.27	61744		14181.62	VV 0.0617
32	21.47	23563		3606.01	VB 0.0236
33	21.74	100594		22242.42	BB 0.1006
36	22.47	116188		25276.23	BB 0.1162
37	22.81	20033		5409.81	BV 0.0200
38	22.88	35649		7816.24	VV 0.0357
39	23.03	43991		10214.50	VB 0.0440
41	23.58	129578		21019.31	VV 0.1296
42	23.68	75345		16314.65	VV 0.0753
43	23.84	34820		7421.45	VB 0.0348
44	24.14	87997		12050.16	BV 0.0880
46	24.68	73791		15612.37	BV 0.0738
47	24.84	34490		7567.03	VV 0.0345
50	25.58	146516	1260	28612.27	BB 0.1465
51	26.62	29088		5659.58	BV 0.0291
52	26.85	107770		14903.90	VB 0.1078
54	29.48	31170		4742.20	BB 0.0312
55	31.74	450468	DCBP	53919.46	BB 0.0186
		2653515		516733.19	

8/24/93

```

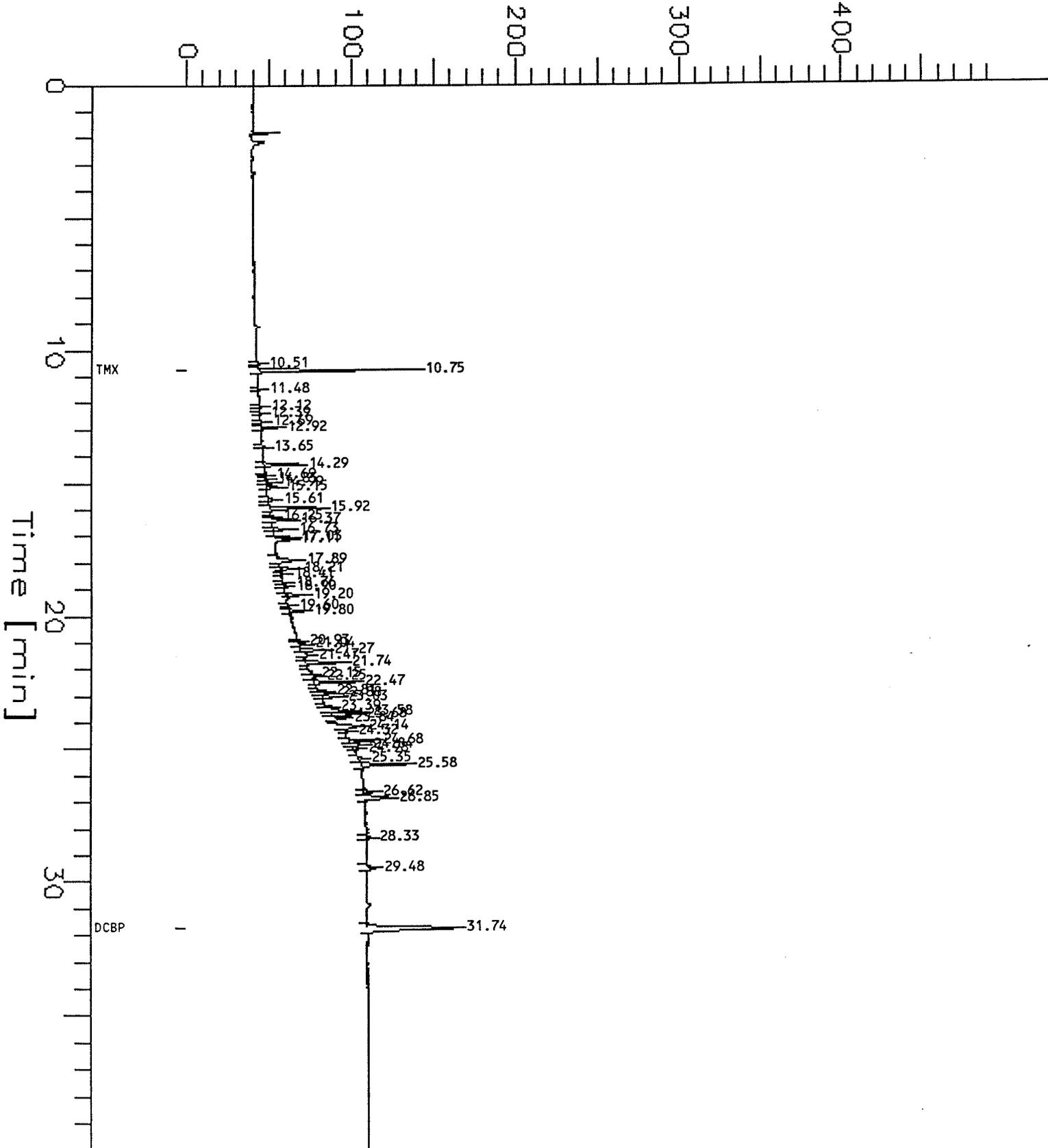
=====
5890-9      DB1701 COLUMN #163      Channel B
=====
    
```

Sample Name : ICM66DA
FileName : f:\turbo32\khorvat\9b33004.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: AR166001
Date : 8/24/93 11:53
Time of Injection: 8/23/93 14:06
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701

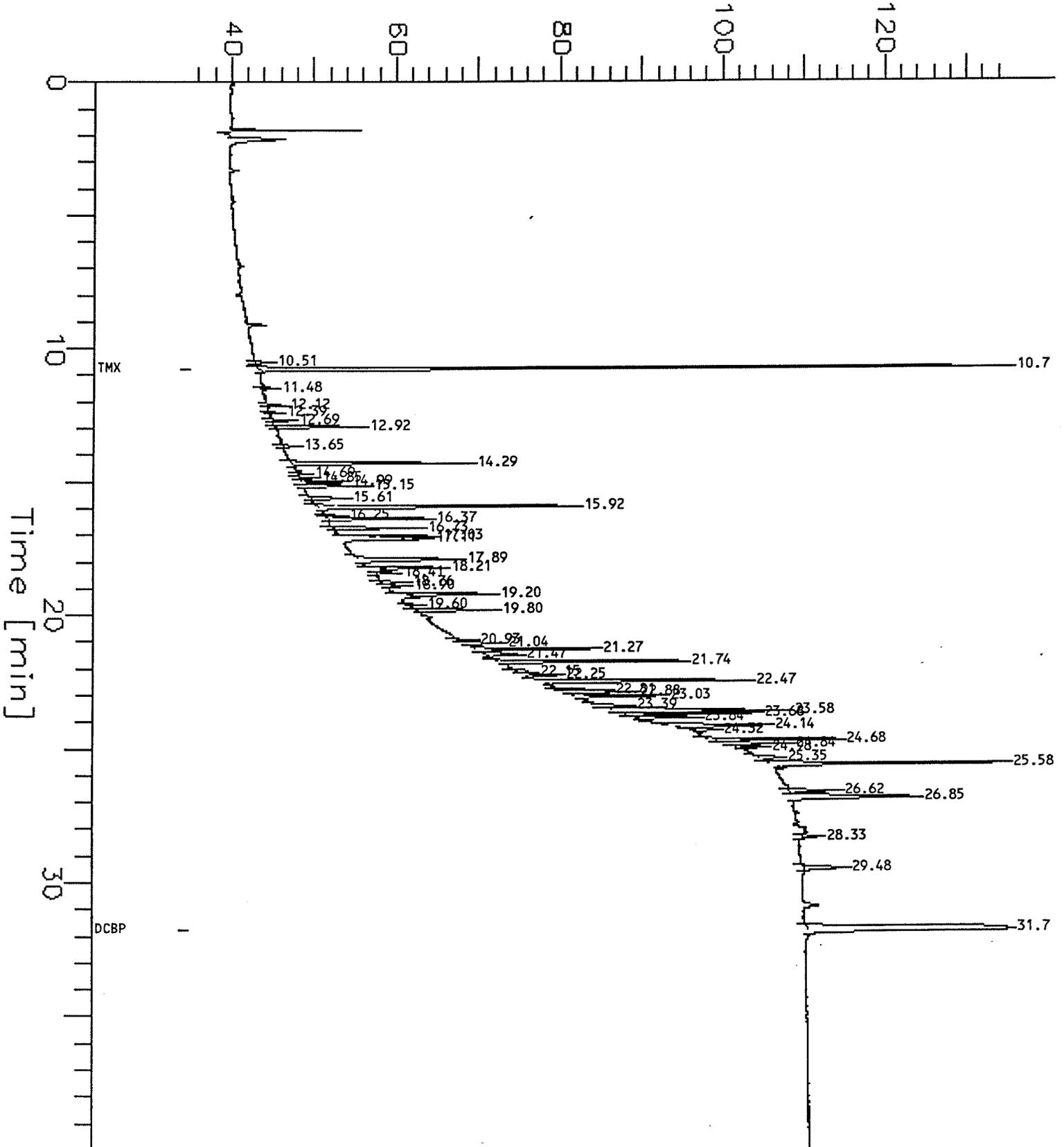


Sample Name : ICM66DA
FileName : f:\turbo32\khorvat\9b33004.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: AR166001
Date : 08/24/93 12:48
Time of Injection: 08/23/93 14:06
Low Point : 35.00 mV
High Point : 135.00 mV
Plot Scale: 100 mV

DB1701



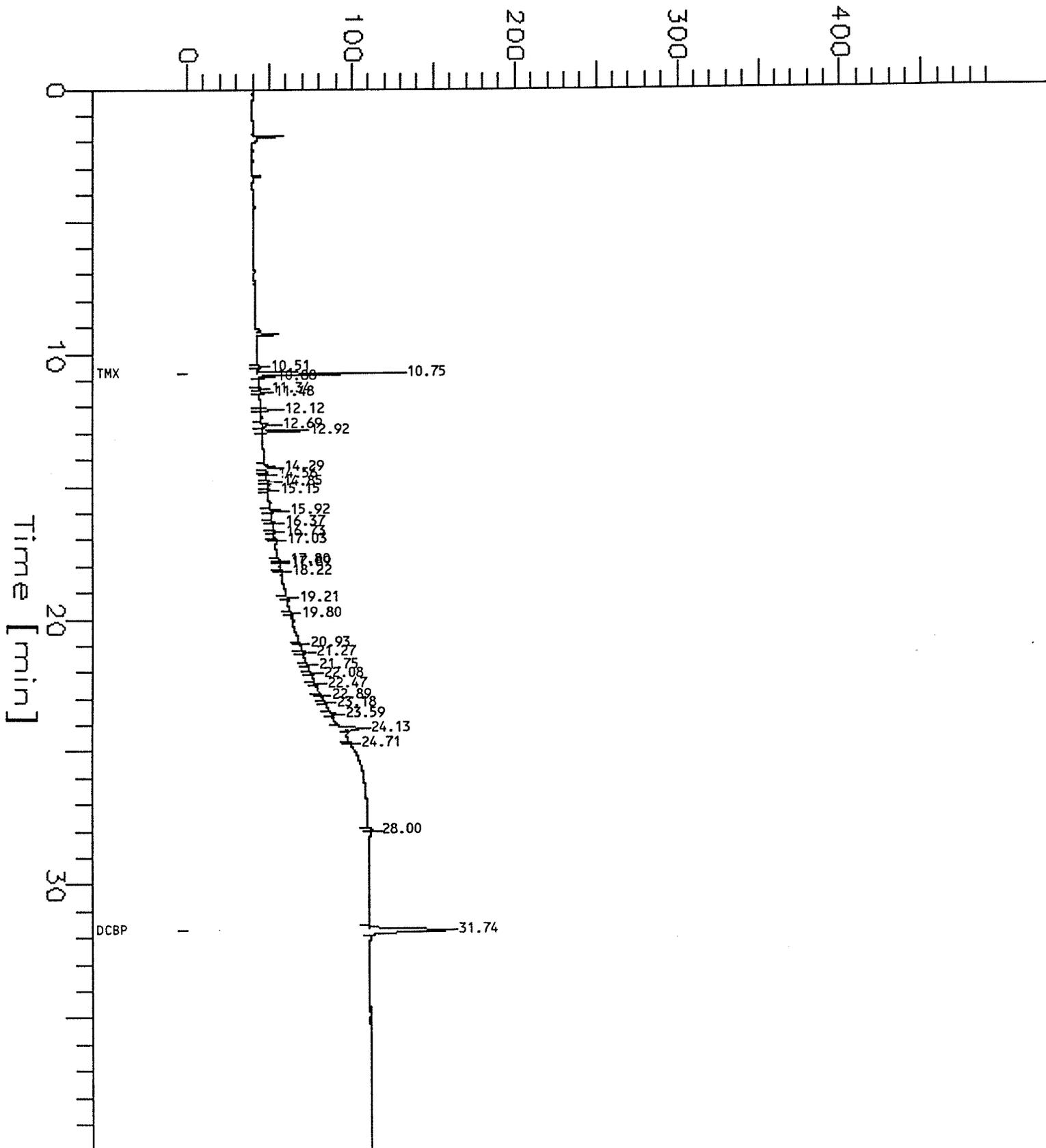
5890B9 1.0ul Inj

Sample Name : ICM21CS
FileName : f:\turbo32\khorvat\9b33005.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: AR122101
Date : 8/24/93 11:55
Time of Injection: 8/23/93 14:52
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701

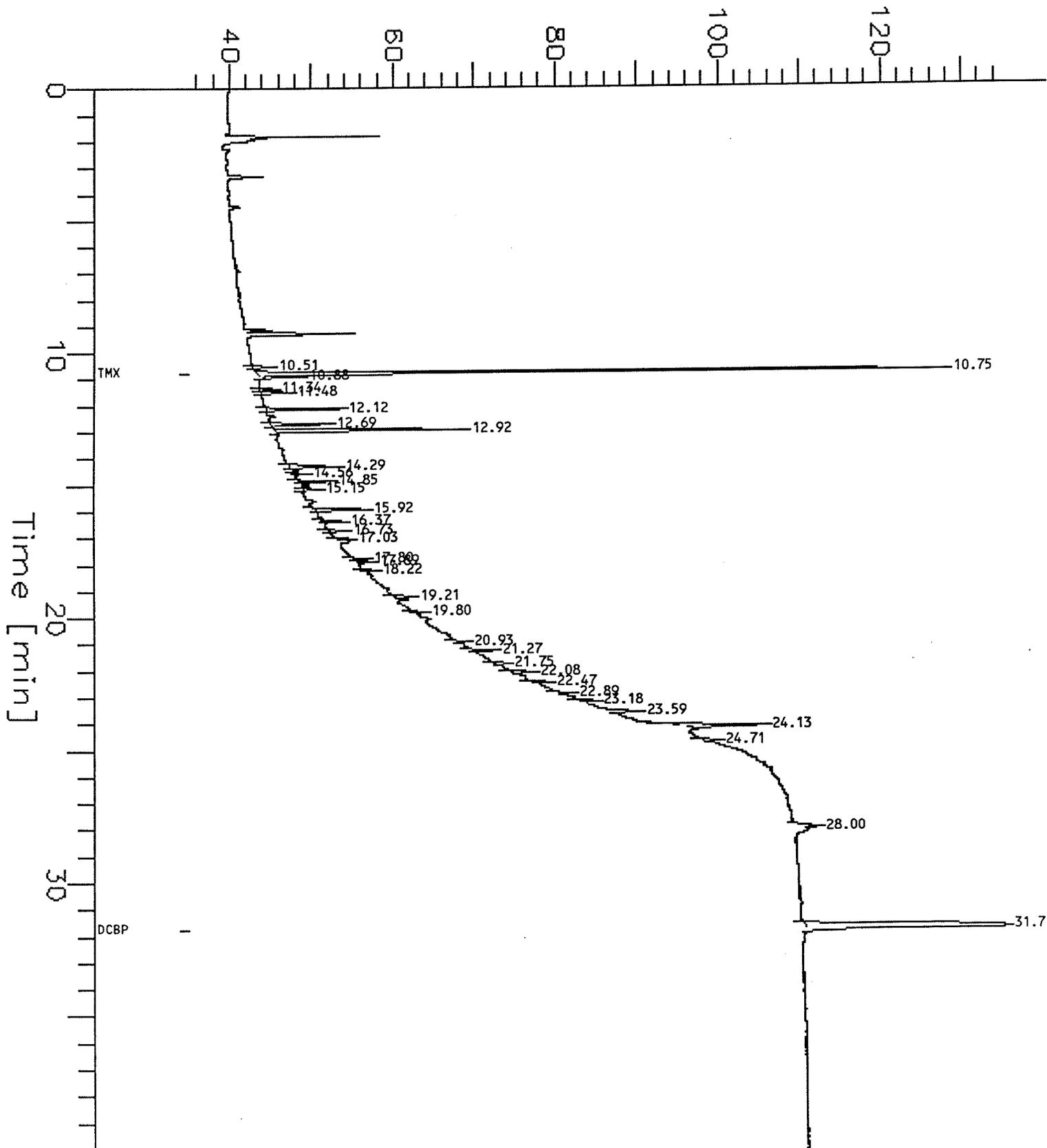


5890B9 1.0ul Inj

Sample Name : ICM21CS
FileName : f:\turbo32\khorvat\9b33005.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

Sample #: AR122101
Date : 08/24/93 12:48
Time of Injection: 08/23/93 14:52
Low Point : 35.00 mV
High Point : 135.00 mV
Plot Scale: 100 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM32CX          Time      : 8/24/93  11:57
Sample Number: AR123201       Study    :
Operator    :

Instrument  : 970_-9          Channel : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  15:38
Delay Time   : 0.00 min.
End Time     : 40.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33006.raw
Result File   : f:\turbo32\khorvat\9b33006.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume  : 1 ul          Area Reject : 20000.00
Sample Amount : 1.0000      Dilution Factor : 1.00
=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.75	340738	TMX	85678.83	BB 0.0161
6	12.92	49724	1232	11628.84	BB 0.0497
7	14.29	56755		10452.40	BB 0.0568
12	15.92	71091		14108.20	BB 0.0711
13	16.37	22017		5260.04	BB 0.0220
17	17.89	33339		5157.95	BB 0.0333
22	19.22	22065		4862.26	BV 0.0221
27	24.14	67953		9803.34	BB 0.0680
28	31.75	401225	DCBP	47552.84	BB 0.0166
		1064905		194504.66	

```

=====
8/24/93
5890-9          DB1701 COLUMN #163          Channel B
=====

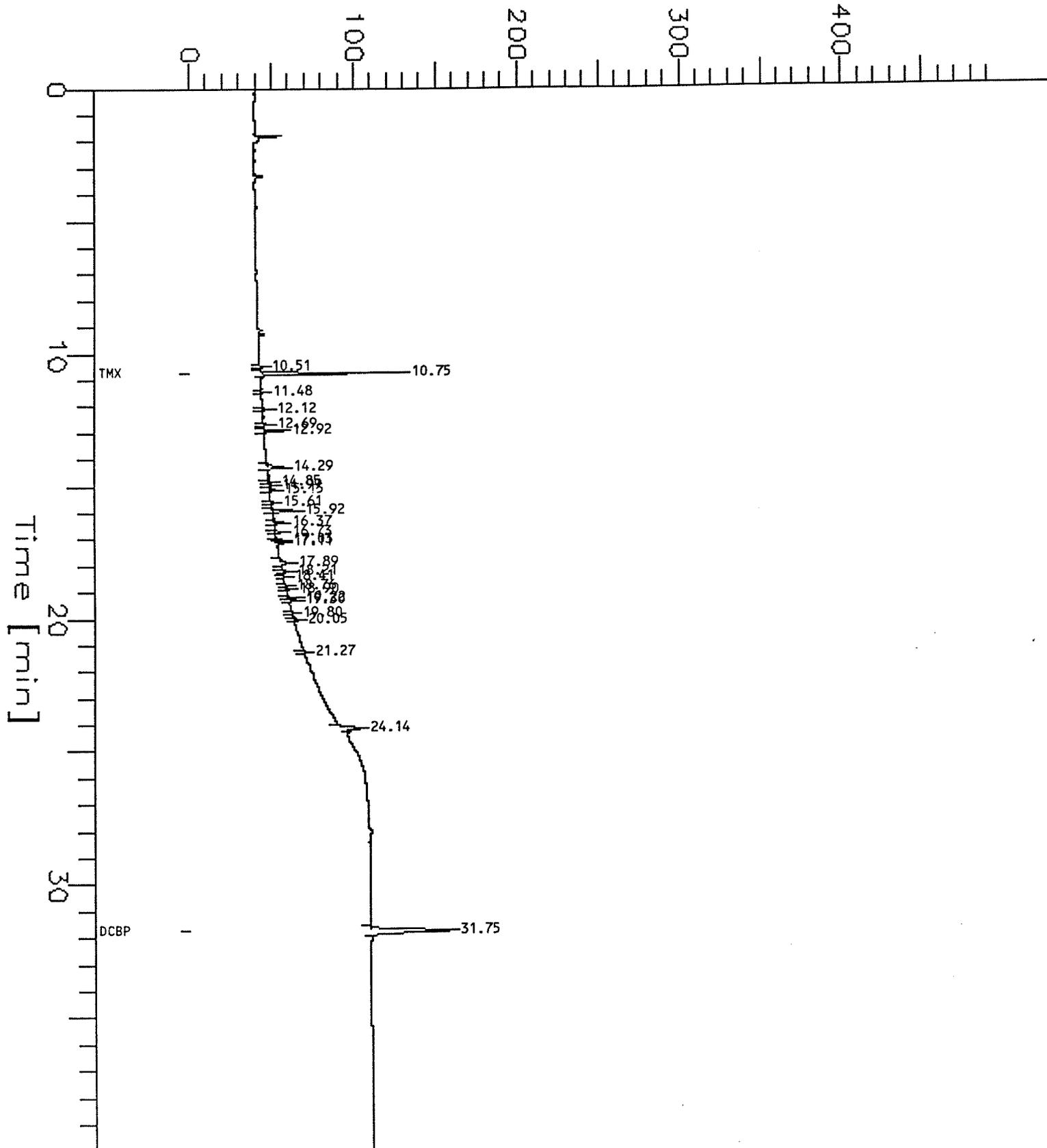
```

5890B9 1.0ul Inj

Sample Name : ICM32CX
FileName : f:\turbo32\khorvat\9b33006.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

Sample #: AR123201
Date : 8/24/93 11:58
Time of Injection: 8/23/93 15:38
Low Point : 0.00 mV
Plot Scale: 500 mV

DB1701

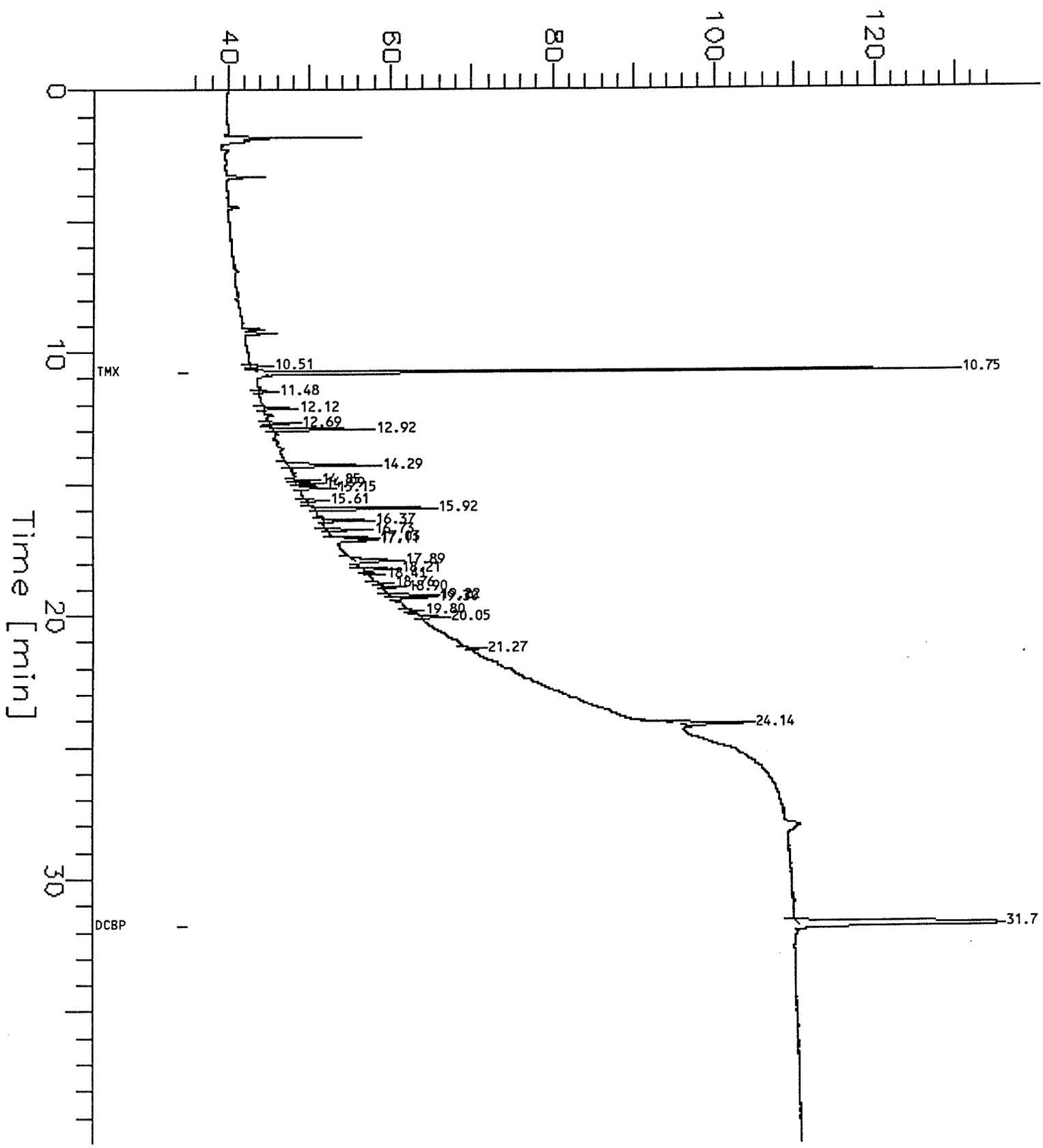


Sample Name : ICM32CX
FileName : f:\turbo32\khorvat\9b33006.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: AR123201
Date : 08/24/93 12:49
Time of Injection: 08/23/93 15:38
Low Point : 35.00 mV
Plot Scale: 100 mV
High Point : 135.00 mV

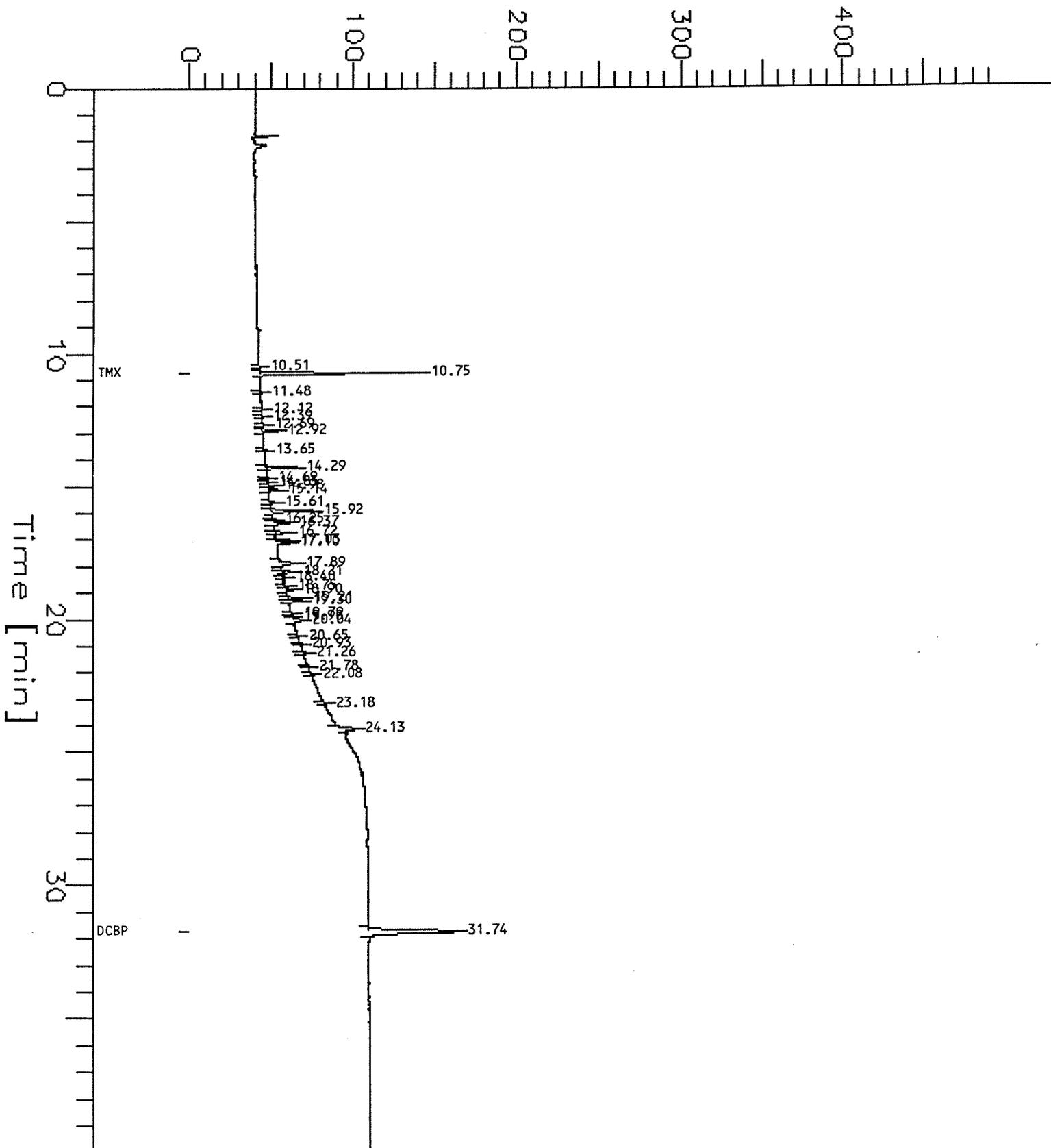
DB1701



Sample Name : ICM42CG
FileName : f:\turbo32\khorvat\9b33007.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

Sample # : AR124201
Date : 8/24/93 12:00
Time of Injection : 8/23/93 16:24
Low Point : 0.00 mV
Plot Scale : 500 mV

DB1701



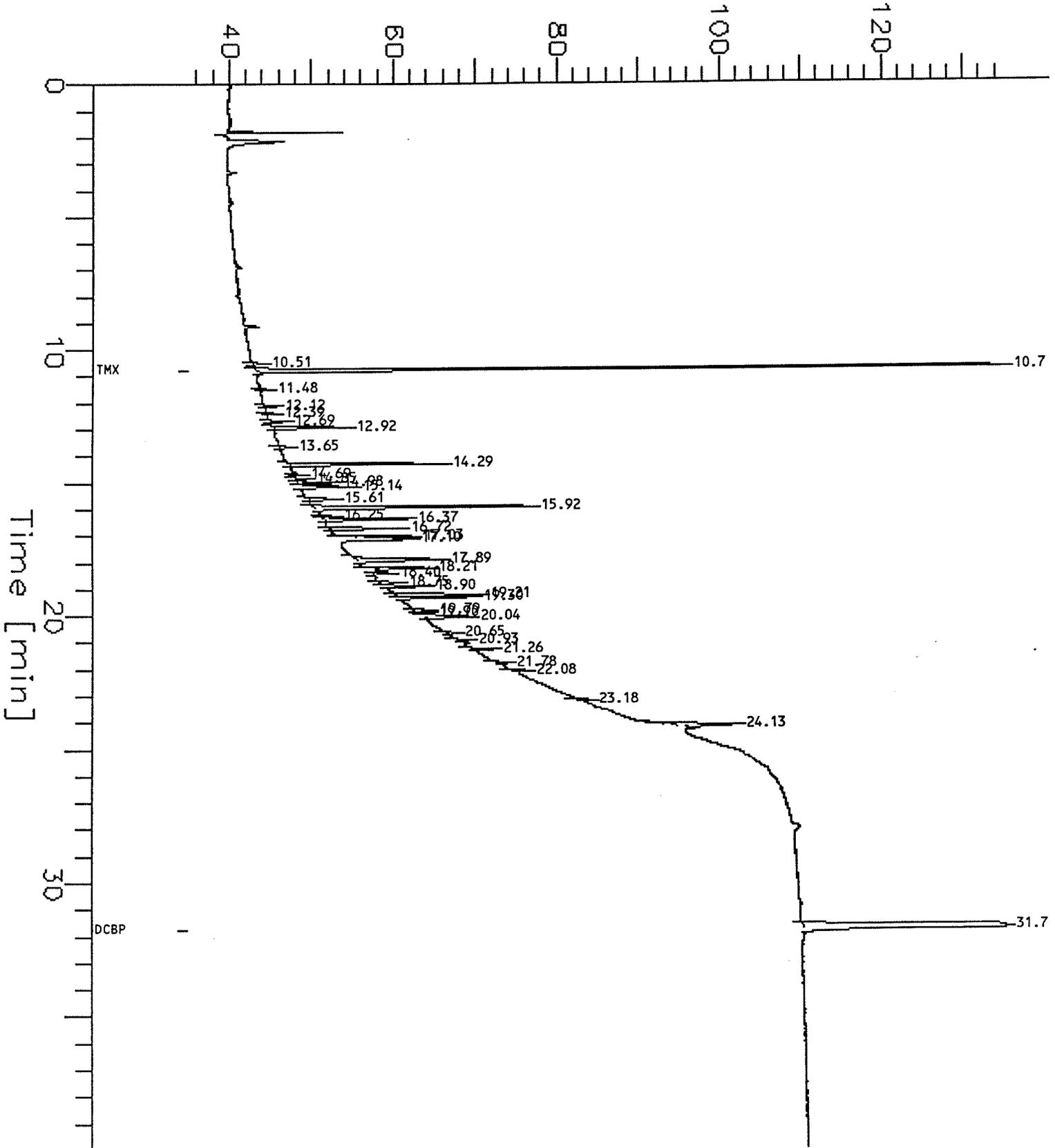
Sample Name : ICM42CG
FileName : f:\turbo32\khorvat\9b33007.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset : 35 mV

Sample #: AR124201
Date : 08/24/93 12:49
Time of Injection: 08/23/93 16:24
Low Point : 35.00 mV
Plot Scale: 100 mV

Page 1 of 1
High Point : 135.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM48DL           Time      : 8/24/93 12:02
Sample Number: AR124801        Study       :
Operator      :

Instrument   : 970_-_9           Channel  : B    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93 17:10
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33008.raw
Result File   : f:\turbo32\khorvat\9b33008.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
Peak Ret Time      Area          Component      Height   BL Concentration
# [min] [uV/sec]      Name          [uV]      ng
-----
  1  10.75      346299 TMX          86589.50 BB      0.0164
  3  14.29      51335           11963.24 BB      0.0513
  7  15.92     105998           20782.61 BB      0.1060
  9  16.36      28165           6527.02 VB      0.0282
 10  16.73      31303           7549.64 BB      0.0313
 11  17.03      92032           20693.75 BV      0.0920
 12  17.10     101177           16391.05 VB      0.1012
 13  17.89     110004           20109.89 BB      0.1100
 14  18.21      76510           15264.37 BE      0.0765
 17  18.90      43134           9700.95 VB      0.0431
 18  19.21     121155           24927.99 BV      0.1212
 19  19.30      83291           18239.53 VB      0.0833
 21  19.79      32080           7560.87 BV      0.0321
 23  20.05      79764           12465.66 VB      0.0798
 25  20.93      24924           5730.95 BV      0.0249
 27  21.26      47974           11045.47 BB      0.0480
 29  22.07      29301           6497.12 BB      0.0293
 32  23.18      20553           4647.31 BB      0.0206
 34  24.13      75702           11464.11 BB      0.0757
 37  31.74     404408 DCBP          48411.05 BB      0.0167
-----
                    1905109      366562.06
  
```

8/24/93 QR

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
=====
  
```

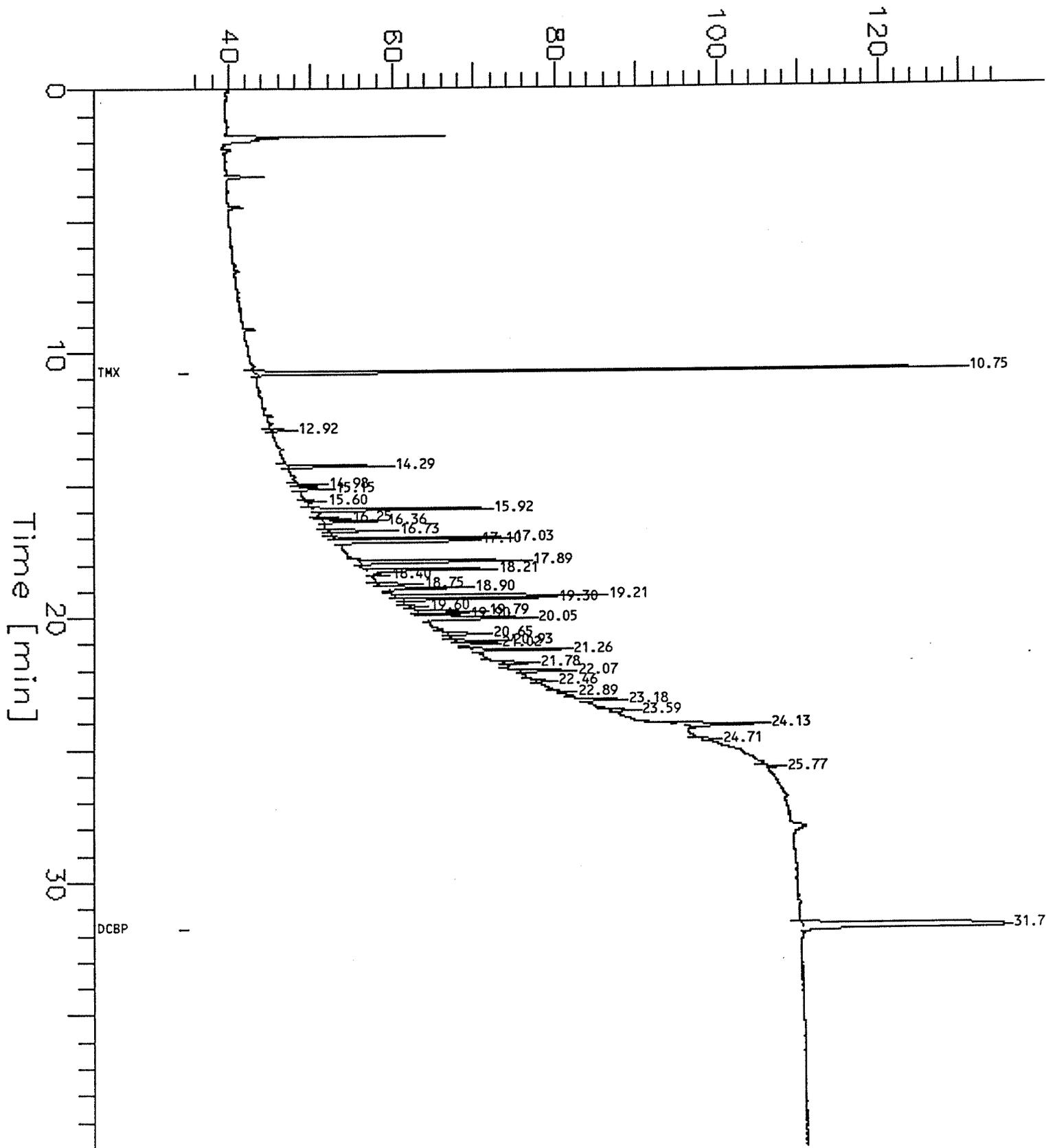

Sample Name : ICM48DL
FileName : f:\turbo32\khorvat\9b33008.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: AR124801
Date : 08/24/93 12:50
Time of Injection: 08/23/93 17:10
Low Point : 35.00 mV
Plot Scale: 100 mV

High Point : 135.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM54DA           Time : 8/24/93 12:05
Sample Number: AR125401        Study :
Operator :

Instrument : 970_-9             Channel : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93 17:56
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33009.raw
Result File : f:\turbo32\khorvat\9b33009.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33B.prc
Sample File : f:\turbo32\khorvat\9-33BN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000      Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
Peak Ret Time      Area      Component      Height      BL Concentration
# [min] [uV/sec] Name [uV] ng
-----
  2  10.75      405159 TMX      100482.90 BB      0.0192
  5  17.03      66017          12558.17 BB      0.0660
  6  17.89      28155          5674.63 BB      0.0282
  9  19.20      α116470 12541 23282.83 BV      0.1165
 10  19.32      22691          4820.06 VB      0.0227
 12  19.79      α94126          21189.16 VV      0.0941
 13  19.90      33972          8444.34 VB      0.0340
 14  20.07      30738          7082.00 BB      0.0307
 16  20.65      33696          7535.05 BB      0.0337
 17  20.93      54133          12294.22 BV      0.0541
 18  21.03      26301          5752.64 VB      0.0263
 19  21.26      α113718          26265.82 BB      0.1137
 21  21.74      53616          10171.44 BB      0.0536
 22  22.07      88817          16996.88 BV      0.0888
 24  22.46      49225          11141.74 BB      0.0492
 25  22.88      29158          6740.21 BV      0.0292
 27  23.17      35625          8131.73 BB      0.0356
 29  23.58      98451          17959.07 VB      0.0985
 31  24.13      67333          10267.26 BB      0.0673
 32  24.70      22563          4978.00 BB      0.0226
 36  31.74      468997 DCBP      55812.18 BB      0.0194
-----
                    1938959      377580.31
  
```

8/24/93 g

```

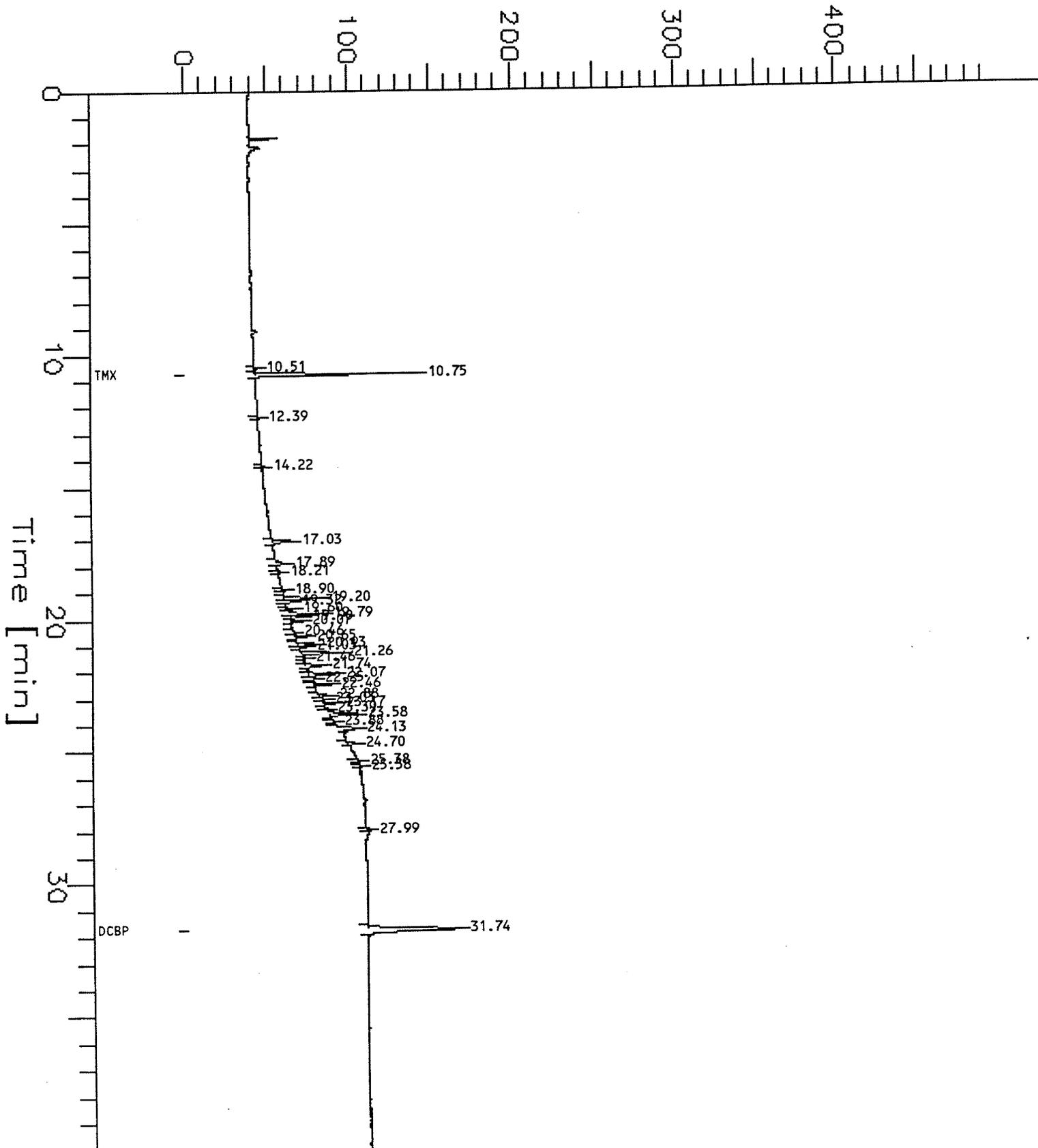
=====
                    5890-9      DB1701 COLUMN #163      Channel B
  
```

Sample Name : ICM54DA
FileName : f:\turbo32\khorvat\9b33009.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: AR125401
Date : 8/24/93 12:05
Time of Injection: 8/23/93 17:56
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701

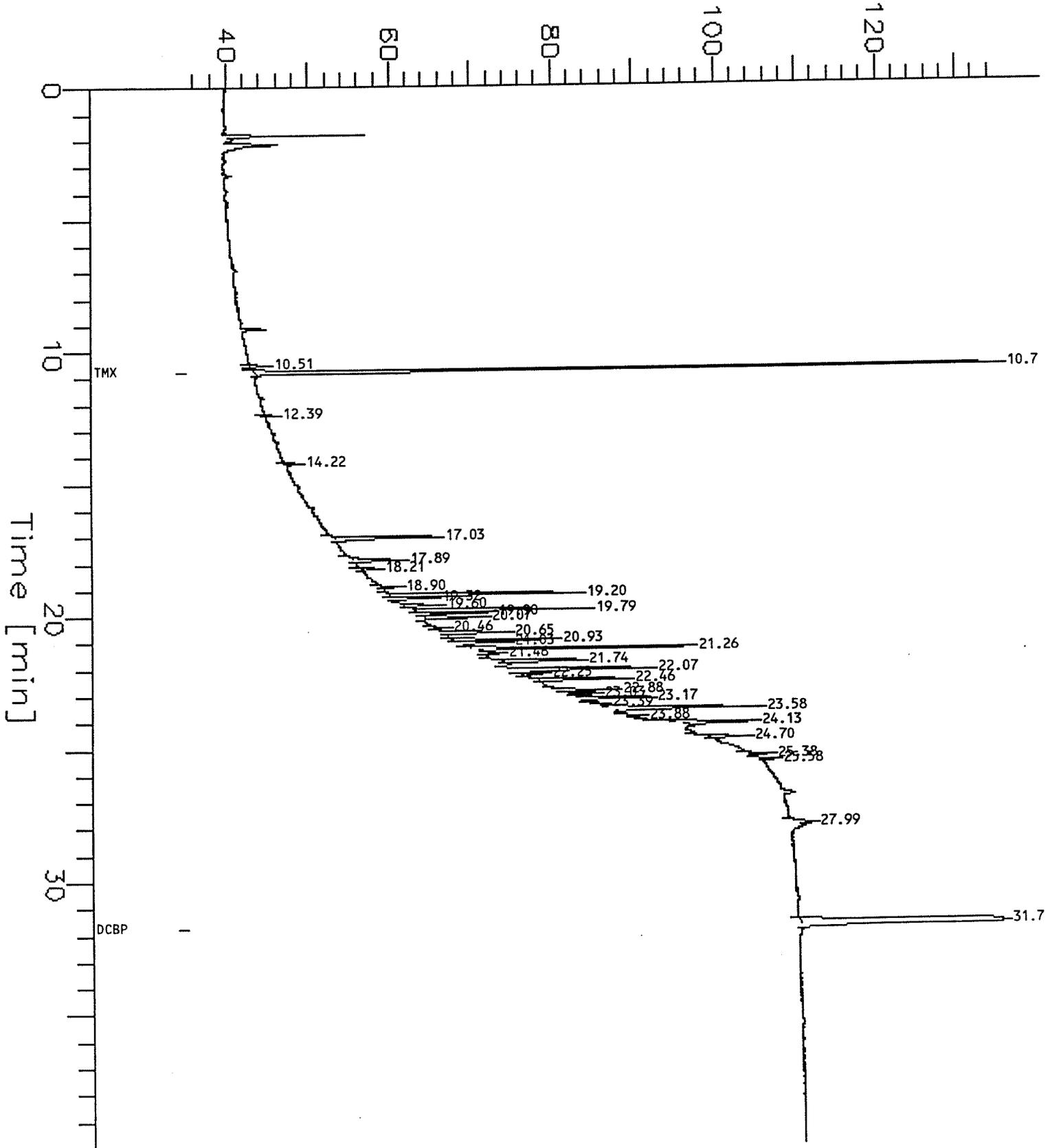


Sample Name : ICM54DA
FileName : f:\turbo32\khorvat\9b33009.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: AR125401
Date : 08/24/93 12:50
Time of Injection: 08/23/93 17:56
Low Point : 35.00 mV
Plot Scale: 100 mV
High Point : 135.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM14DM           Time       : 8/24/93 12:07
Sample Number: TOXAPH01        Study      :
Operator      :

Instrument   : 970_-_9          Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93 18:42
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9b33010.raw
Result File   : f:\turbo32\khorvat\9b33010.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB1701  COLUMN #163      Channel B
Peak Ret Time      Area          Component      Height  BL Concentration
# [min] [uV/sec]      Name           [uV]     ng
-----
  2  10.75      336797 TMX          83424.88 BB      0.0159
 17  21.70      45854              6882.95 BV      0.0459
 18  21.83      53353              10136.28 VV     0.0534
 19  21.95      32727              7347.67 VV     0.0327
 20  22.10      81107              8582.12 VV     0.0811
 21  22.28      64779              11643.93 VB     0.0648
 22  22.55      67669              8686.47 BV     0.0677
 23  22.73     117232              12855.40 VV     0.1172
 24  22.97     104533              20309.69 VV     0.1045
 25  23.16     54510               8887.20 VV     0.0545
 26  23.30     59723              9263.11 VV     0.0597
 27  23.41     48547              9454.75 VV     0.0486
 28  23.55     73936              11197.43 VV     0.0739
 29  23.70     121517             18273.22 VV     0.1215
 30  23.87     146217             24841.37 VV     0.1462
 31  24.11     171343             27023.42 VV     0.1713
 32  24.22     151467             24113.28 VV     0.1515
 33  24.36     75402              14010.21 VV     0.0754
 34  24.54     <314958 TOXAPH    35785.97 VV     0.3150
 35  24.73     v368942           40314.43 VV     0.3689
 36  24.96     84204             13585.40 VV     0.0842
 37  25.07     x163504           28327.51 VV     0.1635
 38  25.19     106553            15083.28 VV     0.1066
 39  25.37     81419             14272.99 VV     0.0814
 40  25.45     62409             13785.41 VV     0.0624
 41  25.58     120729            19029.96 VV     0.1207
 42  25.75     283479            32308.85 VV     0.2835
 43  25.99     307870            36621.87 VV     0.3079
 44  26.23     140221            19088.04 VV     0.1402
 45  26.45     92542             17121.29 VV     0.0925
 46  26.55     37009             8349.61 VB     0.0370
 47  26.93     148367            21745.59 BE     0.1484
 49  27.46     44364             7266.01 BB     0.0444
 51  27.94     35474             6266.00 BB     0.0355
 56  31.75     392623 DCBP       46343.93 BB     0.0163
-----
                    4591377              692229.56
    
```

```

=====
                    5890-9      DB1701  COLUMN #163      Channel B
=====
    
```

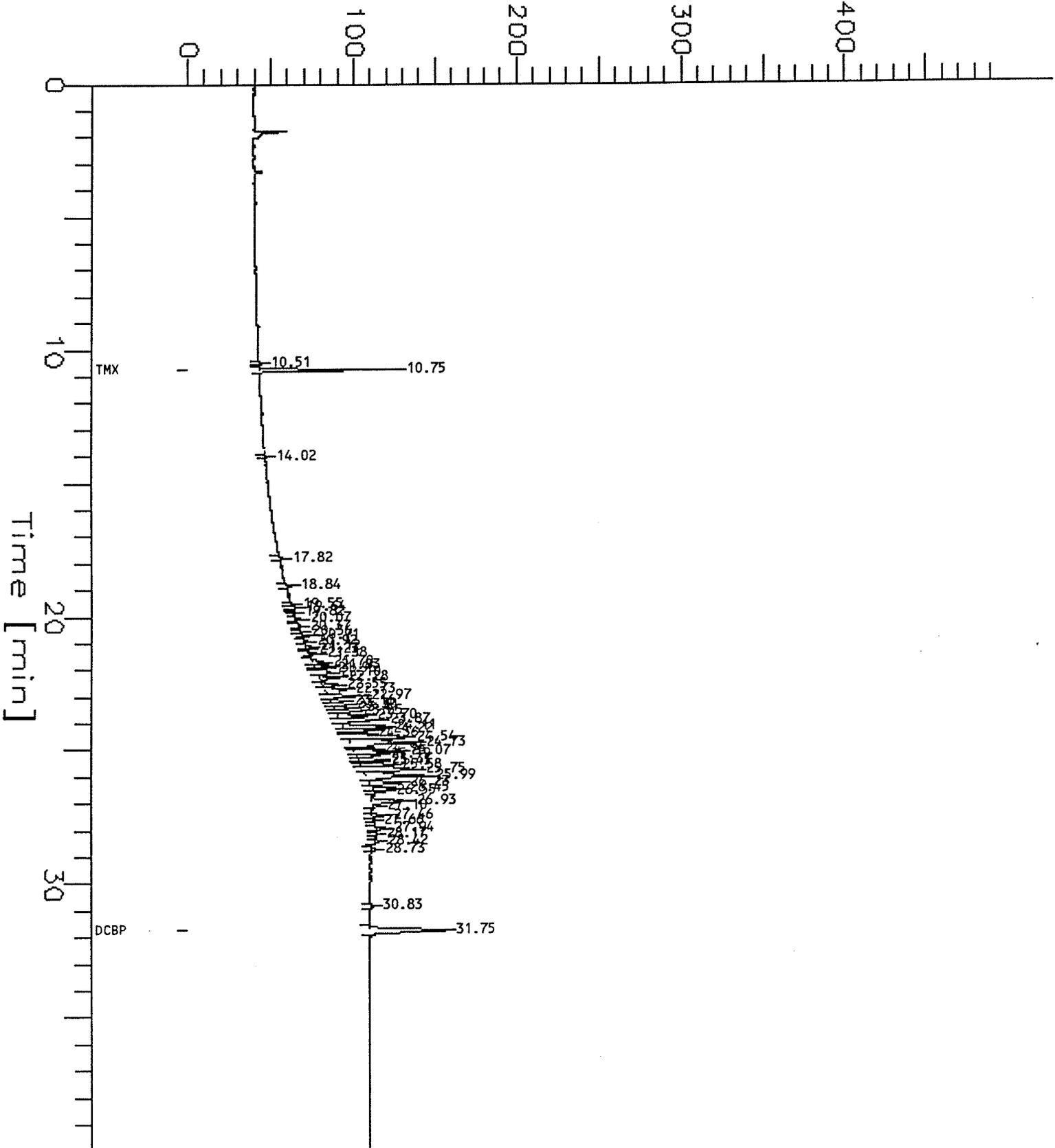
5890B9 1.0ul Inj

Sample Name : ICM14DM
FileName : f:\turbo32\khorvat\9b33010.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: TOXAPH01
Date : 8/24/93 12:08
Time of Injection: 8/23/93 18:42
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



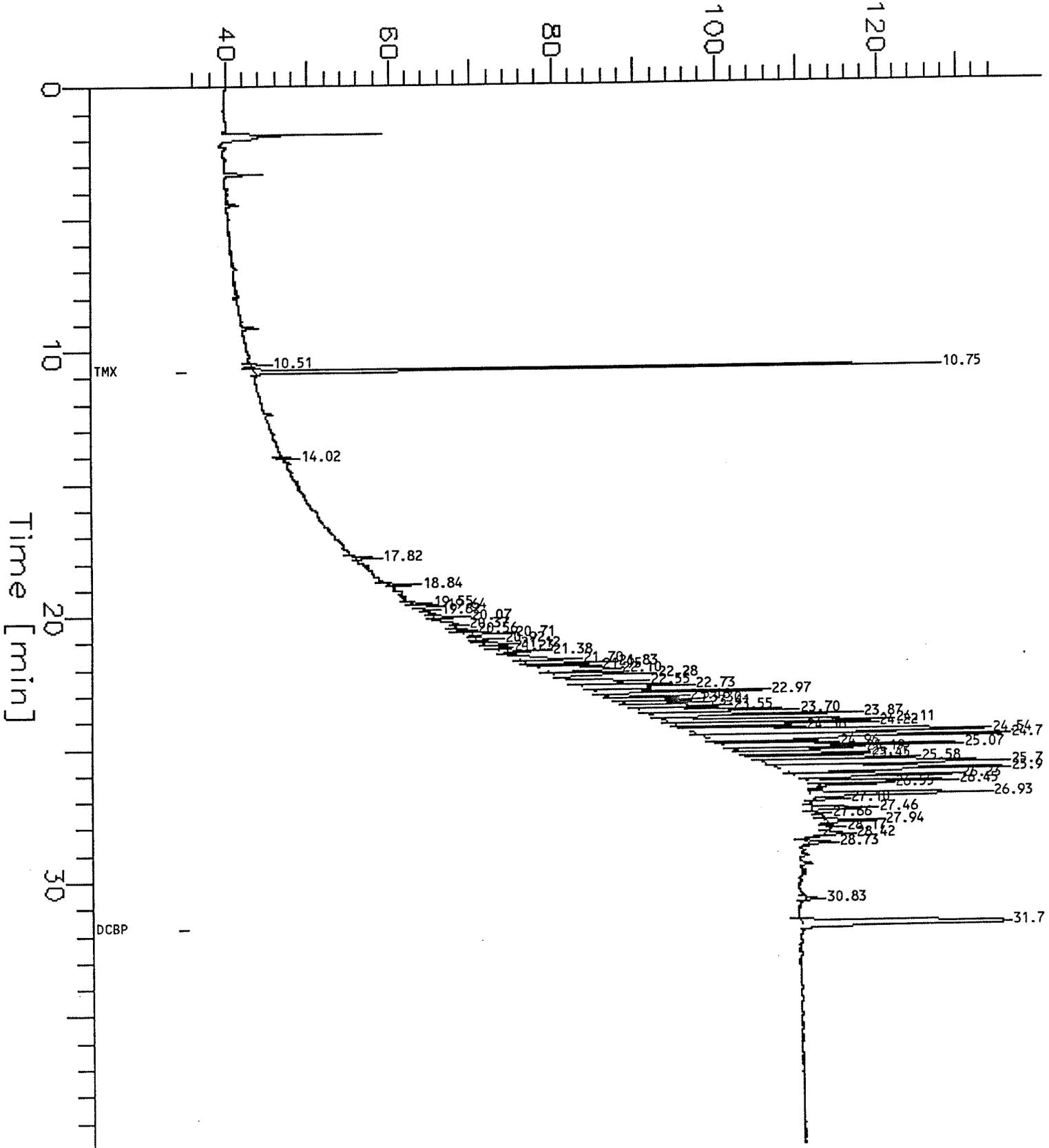
Sample Name : ICM14DM
FileName : f:\turbo32\khorvat\9b33010.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 35 mV

Sample #: TOXAPH01
Date : 08/24/93 12:50
Time of Injection: 08/23/93 18:42
Low Point : 35.00 mV
Plot Scale: 100 mV

High Point : 135.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICMS4DA           Time       : 8/31/93 09:11
Sample Number: AR125402        Study      :
Operator   :

Instrument  : 970_-9           Channel : B    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/28/93 13:13
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33147.raw
Result File   : f:\turbo32\khorvat\9b33147.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB1701  COLUMN #163      Channel B
Peak Ret Time      Area      Component      Height  BL Concentration
#      [min]      [uV/sec]      Name          [uV]      ng
-----
  2     10.75      446532  TMX          108547.45  BB      0.0211
  6     17.02      73675   13865.04  BB      0.0737
  8     17.88      27578   6271.47  VB      0.0276
 11     19.19      133462  125u        26270.51  BV      0.1335
 12     19.31      27849   5747.18  VB      0.0279
 14     19.78      105080  23743.71  VV      0.1051
 15     19.89      38642   9466.71  VB      0.0386
 16     20.06      33924   7855.04  BB      0.0339
 18     20.64      38504   8485.52  BB      0.0385
 19     20.92      60431   13938.67  BV      0.0604
 20     21.02      28608   6325.67  VB      0.0286
 21     21.25      136898  30178.99  BE      0.1369
 23     21.73      60437   11469.67  BB      0.0604
 24     22.06      105600  19691.53  BE      0.1056
 26     22.45      56739   12662.68  BB      0.0567
 27     22.87      33491   7637.16  BV      0.0335
 29     23.16      42521   9669.48  VB      0.0425
 31     23.57      113287  21110.84  VB      0.1133
 33     24.11      75914   11943.15  BB      0.0759
 34     24.69      26313   5852.54  BB      0.0263
 38     27.96      50759   5434.02  BB      0.0508
 39     31.72      522189  63448.09  BB      0.0216
-----
                    2238433      429615.13
  
```

8/31/93 &

```

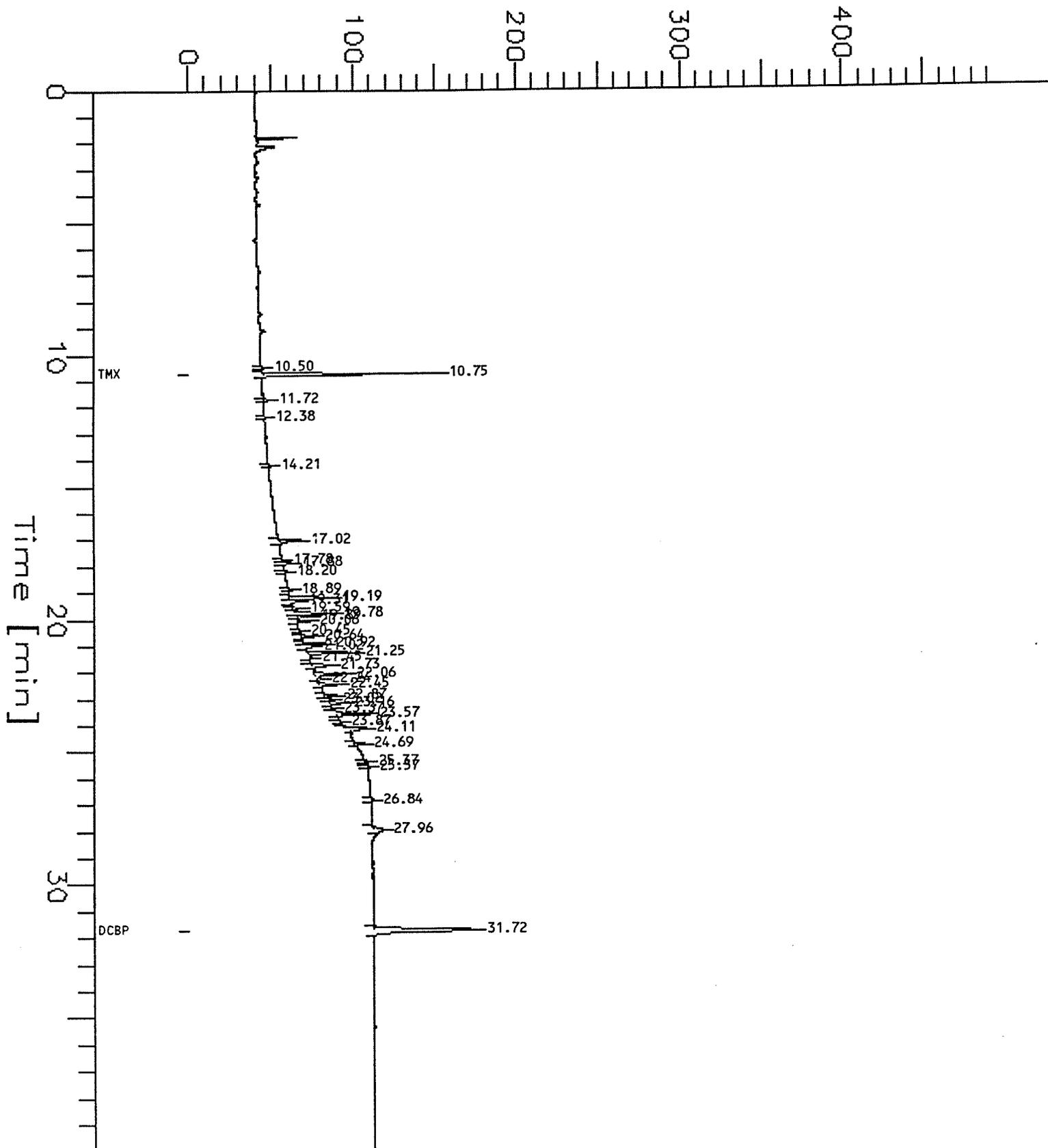
=====
                    5890-9      DB1701  COLUMN #163      Channel B
=====
  
```

5890B9 1.0ul Inj

Sample Name : ICM54DA
FileName : f:\turbo32\khorvat\9b33147.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

Sample #: AR125402
Date : 8/31/93 09:11
Time of Injection: 8/28/93 13:13
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM42CG           Time       : 8/31/93 09:14
Sample Number: AR124202        Study      :
Operator      :

Instrument   : 970_-9           Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/28/93 13:58
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9b33148.raw
Result File   : f:\turbo32\khorvat\9b33148.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume   : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
    
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.75	431372	TMX	106242.90	BB 0.0204
5	11.72	22325		5210.37	BB 0.0223
9	12.91	40682	1242	9609.57	BB 0.0407
11	14.28	87126		20162.97	BB 0.0871
15	15.13	29835		6828.67	VB 0.0298
17	15.91	152208		29758.33	BB 0.1522
19	16.36	47122		11106.99	BB 0.0471
20	16.71	41506		9969.84	BB 0.0415
21	17.02	24030		6425.51	BV 0.0240
23	17.88	68465		11303.27	BB 0.0685
24	18.20	28603		7431.30	BB 0.0286
26	18.57	44567		7796.32	VV 0.0446
27	18.74	43597		6235.01	VV 0.0436
28	18.88	81832		10979.71	VV 0.0818
29	19.09	91448		14984.56	VV 0.0915
30	19.20	117047		22693.31	VV 0.1171
31	19.28	115767		19388.65	VB 0.1158
32	19.78	148032		7371.50	BV 0.1480
33	19.89	22437		4921.19	VV 0.0224
34	20.03	62954		8240.25	VB 0.0630
41	23.16	225604		1892.66	BB 0.2256
43	24.10	81016		13791.15	BB 0.0810
44	25.75	119975		650.10	BB 0.1200
45	27.95	446262		36958.16	BB 0.4463
46	31.71	509106	DCBP	61723.96	BB 0.0211
3082917				441676.22	

8/31/93

```

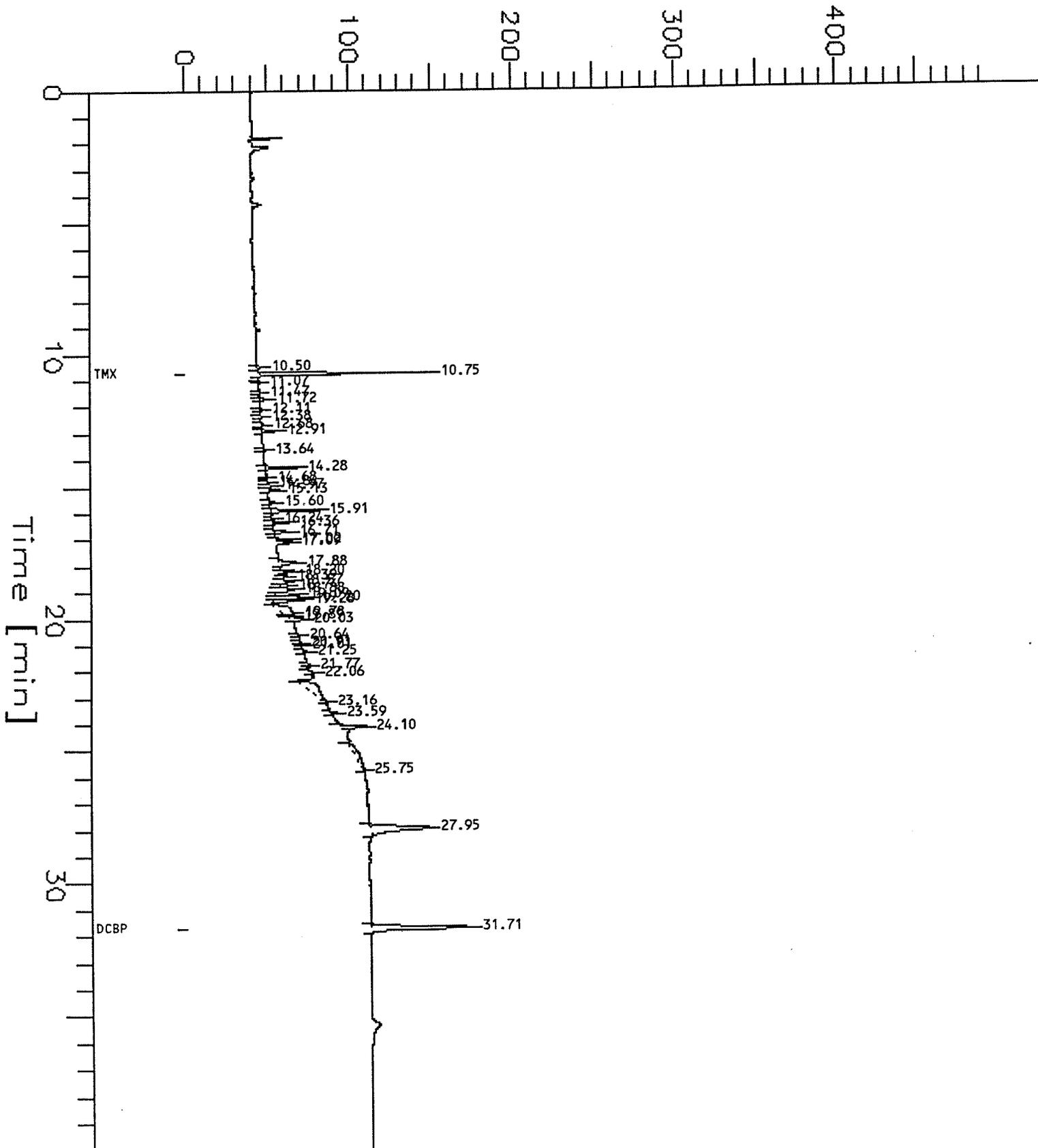
=====
                    5890-9      DB1701 COLUMN #163      Channel B
    
```

Sample Name : ICM42CG
FileName : f:\turbo32\khorvat\9b33148.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: AR124202
Date : 8/31/93 09:14
Time of Injection: 8/28/93 13:58
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM48D&L          Time      : 8/31/93 09:16
Sample Number: AR124802        Study     :
Operator   :
Instrument  : 970_-9           Channel  : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/28/93 14:44
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33149.raw
Result File   : f:\turbo32\khorvat\9b33149.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BN.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB1701  COLUMN #163      Channel B
Peak Ret Time      Area          Component      Height  BL Concentration
#      [min]      [uV/sec]      Name          [uV]      ng
-----
  1     10.75      370246  TMX          91768.20  BB      0.0175
  5     14.28      54632                12656.63  BB      0.0546
  9     15.91      114342                22424.76  BB      0.1143
 11     16.36      30227                 7041.90  VB      0.0302
 12     16.72      33635                8151.31  BB      0.0336
 13     17.02      97378                22215.16  BV      0.0974
 14     17.09      110325  12 ug          17545.54  VB      0.1103
 15     17.88      124867                22034.57  BB      0.1249
 16     18.20      85612                16487.81  BE      0.0856
 18     18.74      20010                4699.93   BV      0.0200
 19     18.89      47660                10783.45  VB      0.0477
 20     19.20      134069               27750.06  BV      0.1341
 21     19.29      94237                20467.78  VB      0.0942
 23     19.78      34997                8280.65   BV      0.0350
 24     19.89      21667                5422.41   VV      0.0217
 25     20.04      88065                13705.47  VB      0.0881
 27     20.64      21789                5031.74   BB      0.0218
 28     20.91      27403                6328.96   BV      0.0274
 30     21.25      52849                12193.36  BB      0.0529
 31     21.76      22289                4207.32   BB      0.0223
 32     22.06      34028                7651.35   BB      0.0340
 35     23.16      24067                5578.70   BB      0.0241
 37     24.11      81394                12182.84  BB      0.0814
 41     31.72      434057  DCBP          52149.58  BB      0.0180
-----
                    2159844          416759.44
  
```

```

=====
                    8/31/93
                    5890-9      DB1701  COLUMN #163      Channel B
=====
  
```

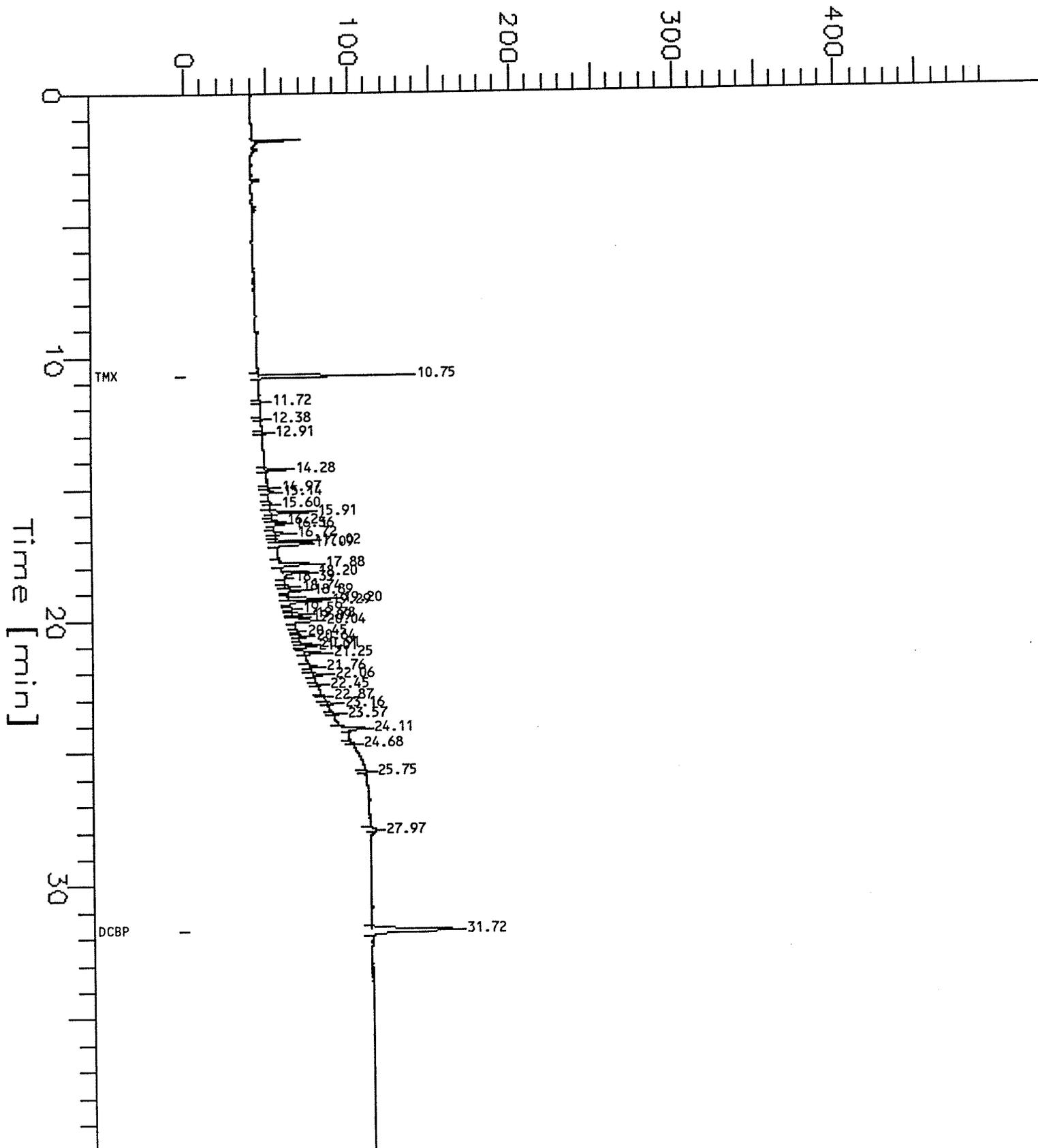
5890B9 1.0ul Inj

Sample Name : ICM4808 L PM 9/1/93
FileName : f:\turbo32\khorvat\9b33149.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: AR124802
Date : 8/31/93 09:16
Time of Injection: 8/28/93 14:44
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



Software Version: 3.2 <10J29>
 Sample Name : ICM66DA Time : 08/30/93 10:52
 Sample Number: AR166002 Study :
 Operator :

Instrument : 970 _ _9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/28/93 15:30
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33150.raw
 Result File : f:\turbo32\khorvat\9b33150.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BN.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
2	10.75	426971	TMX	104777.91	BB	0.0202
8	12.91	47048	1016	11188.81	BB	0.0471
10	14.28	108956		23246.56	BB	0.1090
13	14.97	22283		5521.78	VV	0.0223
14	15.13	34483		7991.68	VB	0.0345
15	15.60	21602		4412.30	BB	0.0216
16	15.91	177741		34622.51	BB	0.1777
18	16.36	60880		13260.81	VB	0.0609
19	16.71	48498		11650.97	BB	0.0485
20	17.02	53127		12642.11	BV	0.0531
21	17.09	75921		11431.34	VB	0.0759
22	17.88	79253		13115.83	BB	0.0793
23	18.20	32634		8499.46	BB	0.0326
28	19.18	56205		13071.03	BB	0.0562
29	19.59	21912		2130.30	BB	0.0219
30	19.78	44763		10437.21	BB	0.0448
34	21.25	69950		16088.09	BV	0.0700
35	21.45	25383		3955.30	VB	0.0254
36	21.72	112264		25111.81	BB	0.1123
38	22.23	30708		5816.76	BB	0.0307
39	22.45	150739		31647.57	BB	0.1507
40	22.80	22649		6189.77	BV	0.0227
41	22.86	40338		8774.52	VV	0.0403
42	23.01	50154		11643.16	VB	0.0502
44	23.48	30886		8329.21	VV	0.0309
45	23.57	123825		25186.53	VV	0.1238
46	23.67	78599		17982.58	VV	0.0786
47	23.82	38633		8530.48	VB	0.0386
48	24.10	97426		14510.86	BV	0.0974
50	24.66	81744		18255.82	BV	0.0817
51	24.82	38453		8667.04	VV	0.0385
54	25.56	165352	1260	33654.95	BB	0.1654
55	26.60	33444		6561.91	BV	0.0334
56	26.83	122950		17578.21	VB	0.1230
57	27.96	139275		11321.68	BV	0.1393
59	29.45	36006		5707.08	BB	0.0360
61	31.71	501863	DCBP	60475.44	BB	0.0208

3302914 633989.25

81.183

5890-9 DB1701 COLUMN #163 Channel B

5890B9

1.0ul Inj

00635

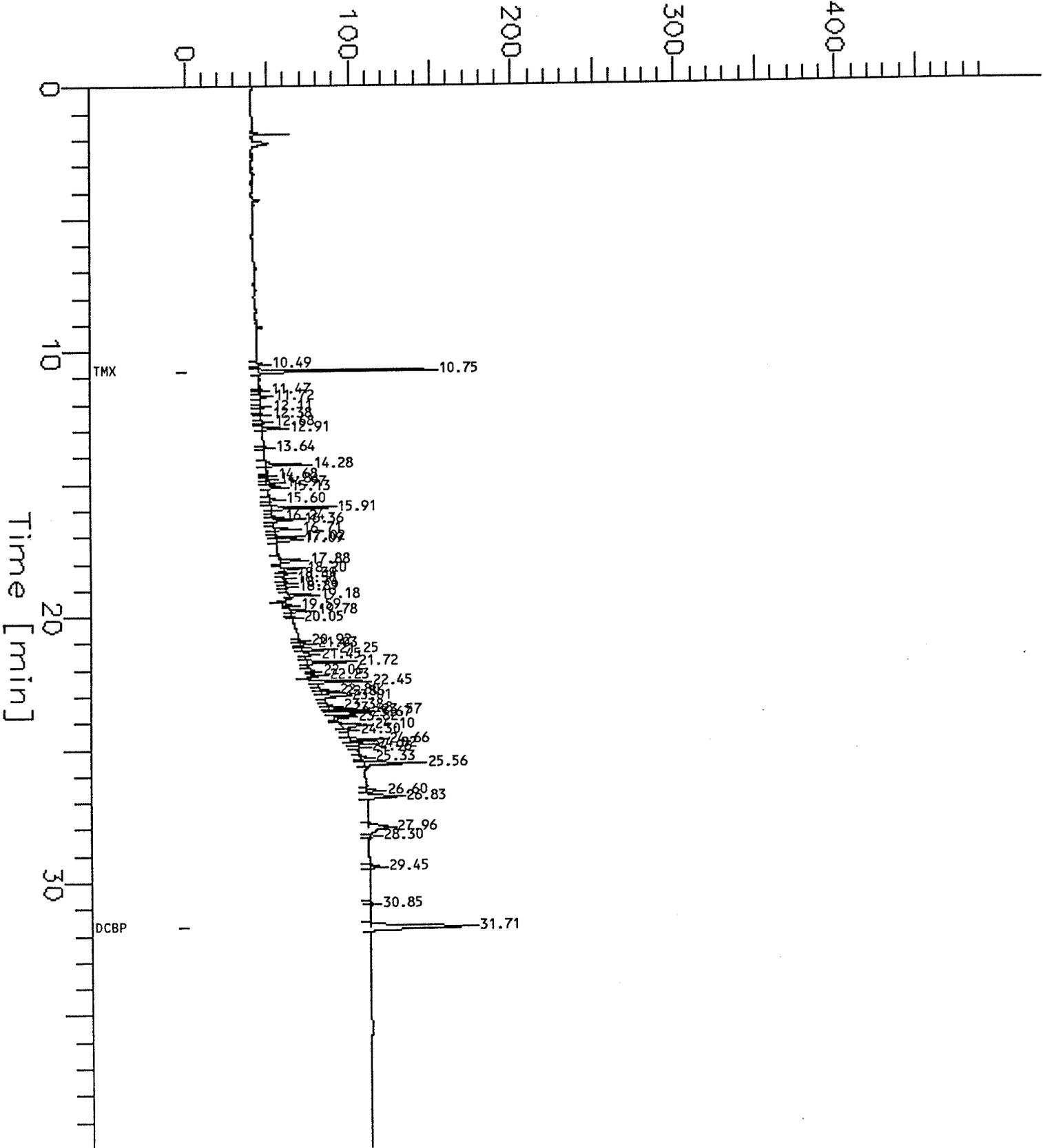
Sample Name : ICM66DA
FileName : f:\turbo32\khorvat\9b33150.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: AR166002
Date : 08/30/93 10:52
Time of Injection: 08/28/93 15:30
Low Point : 0.00 mV
Plot Scale: 500 mV

Page 1 of 1
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM4CD           Time       : 8/24/93  10:32
Sample Number: INDAL01         Study      :
Operator      :

Instrument    : 970_-9           Channel   : B      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  19:28
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33011.raw
Result File   : f:\turbo32\khorvat\9b33011.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33B.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
2	10.75	112456	TMX	28146.71	BB	0.0050
3	14.02	77519	alpha-BHC	20616.07	BB	0.0050
5	15.45	74651	gamma-BHC	19470.28	BB	0.0050
6	16.26	114024	Heptachlor	27357.56	BB	0.0050
8	20.43	80357	Endosulfan I	19129.31	BB	0.0050
9	21.60	161647	Dieldrin	38333.16	BB	0.0100
10	22.29	123672	Endrin	29675.36	BB	0.0100
11	23.48	118358	4,4'-DDD	27515.77	BB	0.0100
12	24.05	187088	4,4'-DDT	29783.50	BB	0.0100
13	25.95	445287	Methoxychlor	86586.62	BB	0.0500
15	31.75	261243	DCBP	31229.68	BB	0.0100

				1756301	357844.03	

8/24/93

```

=====
5890-9          DB1701 COLUMN #163          Channel B
=====
  
```

Sample Name : ICM4CD
FileName : f:\turbo32\khorvat\9b33011.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0

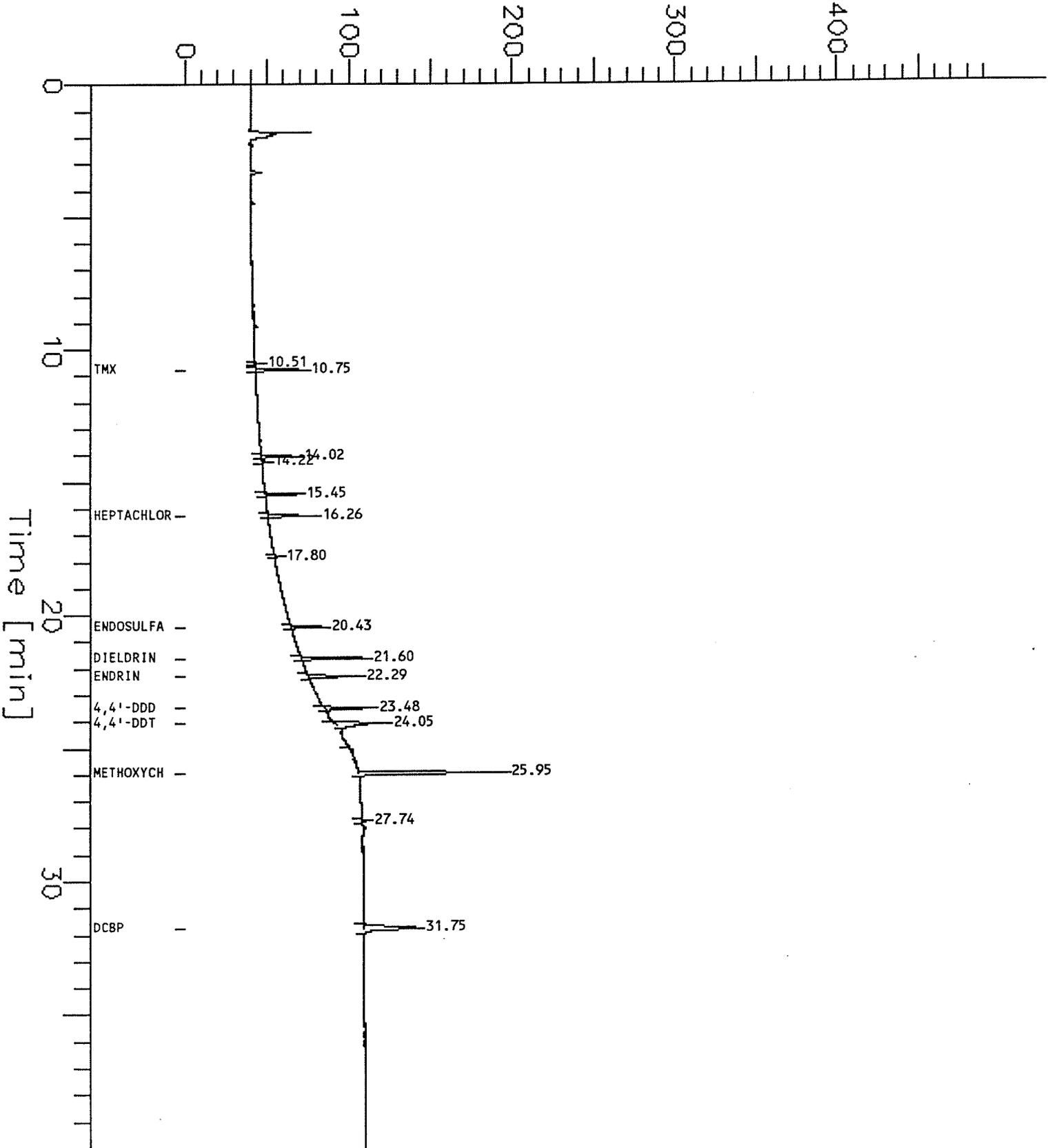
End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDAL01
Date : 08/24/93 09:39
Time of Injection: 08/23/93 19:28
Low Point : 0.00 mV
Plot Scale: 500 mV

Page 1 of 1

High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM58E           Time       : 8/24/93  10:32
Sample Number: INDBL01        Study      :
Operator      :

Instrument   : 970 -_9         Channel  : B      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  20:13
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33012.raw
Result File   : f:\turbo32\khorvat\9b33012.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33B.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
  
```

		5890-9	DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.75	114015	TMX	28500.63	BB 0.0050
3	17.25	89261	Aldrin	21888.06	BB 0.0050
4	17.87	59319	beta-BHC	14159.53	BB 0.0050
5	18.76	79490	delta-BHC	20875.77	BB 0.0050
6	19.47	100397	Hept. epoxide	24105.93	BB 0.0050
7	20.54	108927	gamma chlordane	25598.18	BV 0.0050
8	20.72	110513	alpha chlordane	25908.89	VB 0.0050
9	20.98	155266	4,4'-DDE	36801.87	BB 0.0100
10	23.78	158395	Endosulfan II	37266.75	BB 0.0100
11	24.14	58613		8698.68	BB 0.0586
12	25.06	80909	Endrin aldehyde	15223.61	BB 0.0100
13	26.09	139085	Endo. sulfate	28886.99	BB 0.0100
14	27.74	174031	Endrin ketone	30452.85	BB 0.0100
15	31.75	272007	DCBP	32583.40	BB 0.0100
		1700228		350951.13	

8/24/93 ga

```

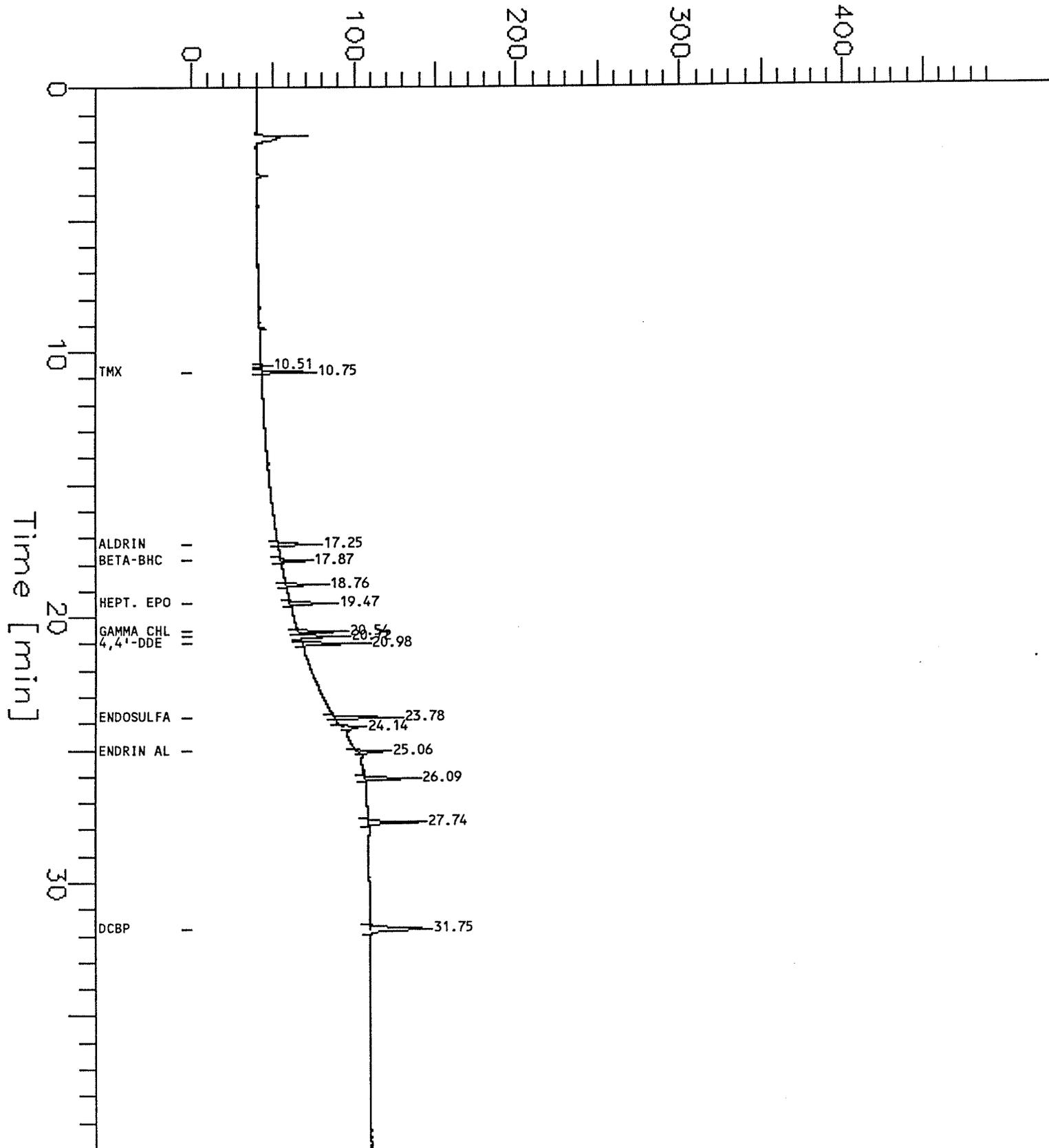
=====
5890-9      DB1701 COLUMN #163      Channel B
=====
  
```

Sample Name : ICM5BE
FileName : f:\turbo32\khorvat\9b33012.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDBL01
Date : 08/24/93 09:40
Time of Injection: 08/23/93 20:13
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CE           Time       : 8/24/93  10:31
Sample Number: INDAM01        Study      :
Operator   :
  
```

```

Instrument : 970_ _9           Channel : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  20:59
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33013.raw
Result File   : f:\turbo32\khorvat\9b33013.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33B.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.76	422631	TMX	104944.64	BB 0.0200
4	14.03	331060	alpha-BHC	90361.20	BV 0.0200
6	15.45	309351	gamma-BHC	82013.20	BB 0.0200
7	16.26	414811	Heptachlor	98089.34	BB 0.0200
10	20.43	306882	Endosulfan I	73563.11	BB 0.0200
11	21.61	669852	Dieldrin	163038.25	BB 0.0400
12	22.30	511185	Endrin	122509.21	BB 0.0400
13	23.49	505838	4,4'-DDD	118736.22	BB 0.0400
14	24.05	601796	4,4'-DDT	126843.63	BB 0.0400
16	25.95	1739026	Methoxychlor	351965.72	BE 0.2000
18	27.75	33533	Endrin ketone	5714.97	BB 0.0400
20	31.76	966641	DCBP	113747.77	BB 0.0400
			6812605	1.45e6	

```

=====
5890-9          DB1701 COLUMN #163          Channel B
=====

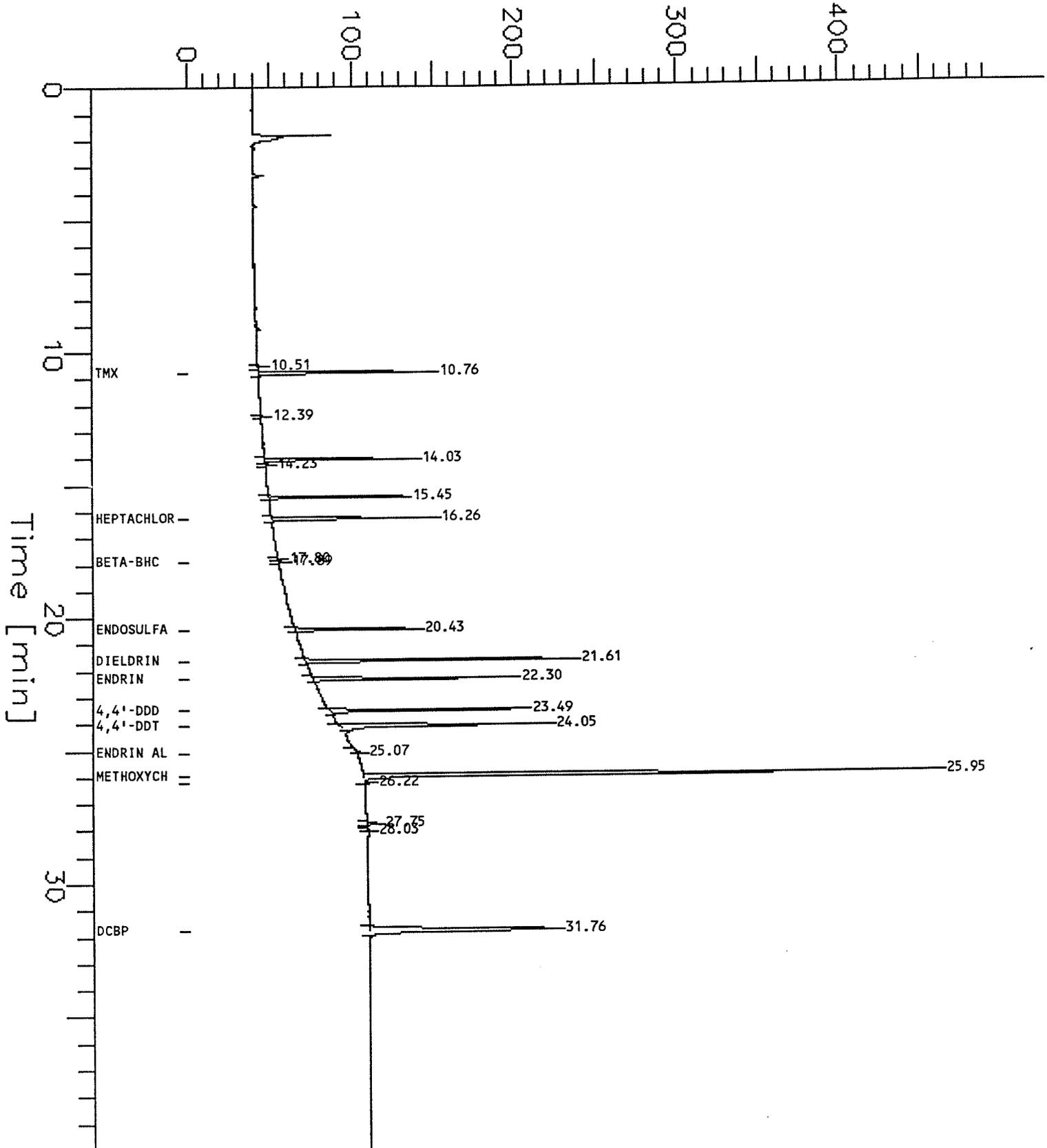
```

5890B9 1.0ul Inj

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9b33013.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

Sample #: INDAM01
Date : 08/24/93 09:37
Time of Injection: 08/23/93 20:59
Low Point : 0.00 mV
Plot Scale: 500 mV

DB1701



Software Version: 3.2 <10J29>
Sample Name : ICM5BF Time : 8/24/93 10:31
Sample Number: INDBM01 Study :
Operator :

Instrument : 970 -_9 Channel : B A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/23/93 21:45
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33014.raw
Result File : f:\turbo32\khorvat\9b33014.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33B.prc
Sample File : f:\turbo32\khorvat\9-33B.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
Sample Amount : 1.0000 Dilution Factor : 1.00

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration
2	10.76	424945	TMX	105521.52	BB 0.0200
5	17.26	353797	Aldrin	88707.65	BB 0.0200
6	17.88	206935	beta-BHC	51539.09	BB 0.0200
7	18.77	327364	delta-BHC	87477.60	BB 0.0200
8	19.48	378578	Hept. epoxide	91590.41	BB 0.0200
9	20.54	413668	gamma chlordane	95583.50	BV 0.0200
10	20.72	406880	alpha chlordane	94937.00	VB 0.0200
11	20.99	666609	4,4'-DDE	162184.02	BB 0.0400
12	23.79	621557	Endosulfan II	146138.56	BB 0.0400
13	24.14	58749		9017.26	BB 0.0588
14	25.06	381468	Endrin aldehyde	58474.21	BB 0.0400
15	26.09	535558	Endo. sulfate	111442.21	BB 0.0400
16	27.75	678930	Endrin ketone	121438.75	BB 0.0400
17	31.76	976414	DCBP	114964.09	BB 0.0400

6431451 1.33e6

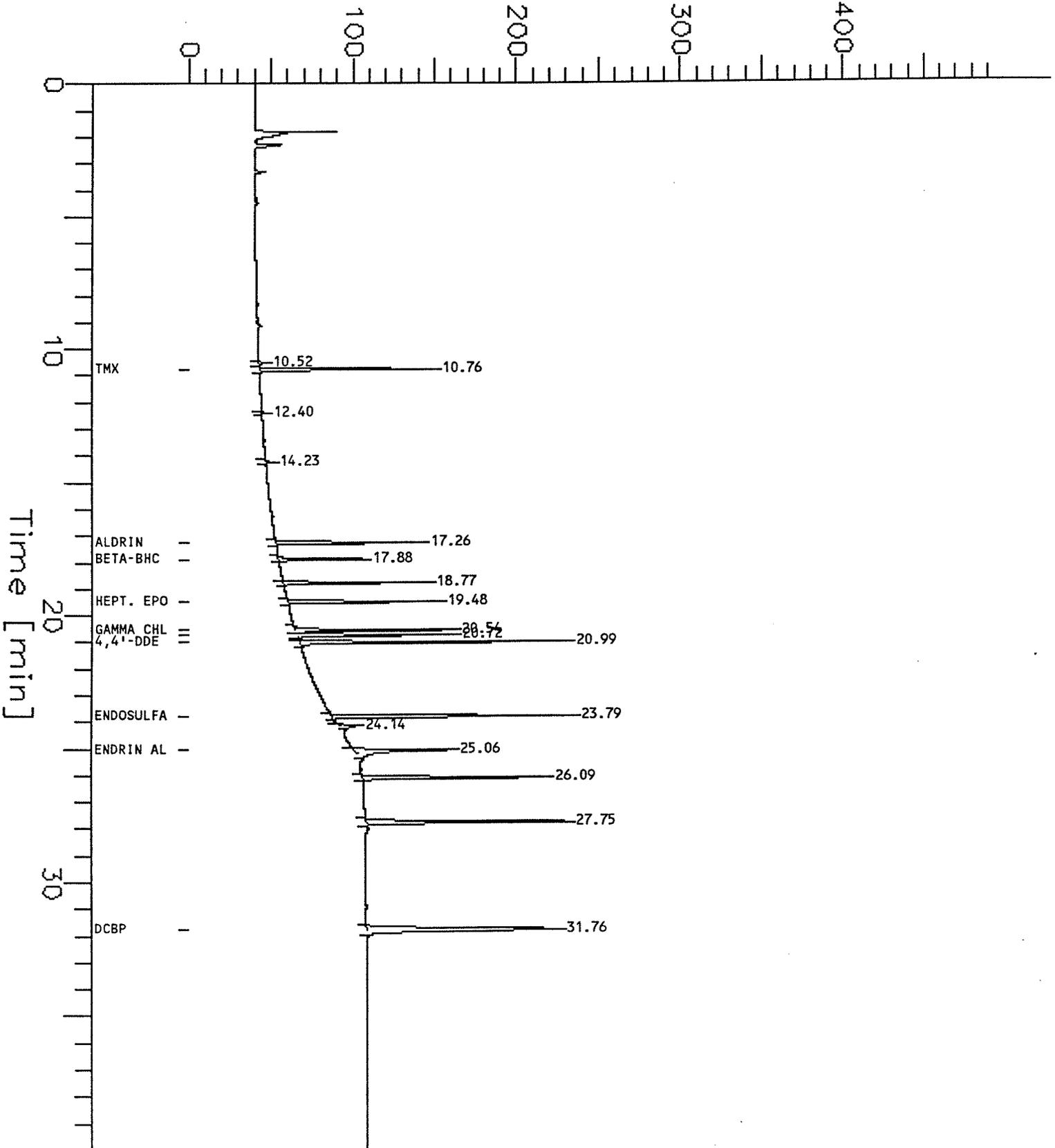
8/24/93

5890-9 DB1701 COLUMN #163 Channel B

Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9b33014.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0
End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDBM01
Date : 08/24/93 09:38
Time of Injection: 08/23/93 21:45
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CF           Time       : 8/24/93  11:01
Sample Number: INDAH01        Study      :
Operator      :

Instrument   : 970 -_9         Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  22:31
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : F:\TURBO32\KHORVAT\9b33015.raw
Result File   : f:\turbo32\khorvat\9b33015.rst
Instrument File: f:\turbo32\khorvat\9-330.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33B.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

		5890-9	DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.76	1930454	TMX	465087.66	BB 0.0800
3	12.40	70739		17230.20	BB 0.0707
4	14.03	1948474	alpha-BHC	504762.91	BV 0.0800
7	15.46	1599091	gamma-BHC	422692.84	BB 0.0800
8	16.27	1942573	Heptachlor	459922.16	BB 0.0800
10	17.89	48733	beta-BHC	9457.56	BB 0.0800
11	20.44	1520677	Endosulfan I	357590.00	BB 0.0800
13	21.62	3539317	Dieldrin	827687.63	BB 0.1600
14	22.30	2684240	Endrin	623874.75	BB 0.1600
15	23.49	2700637	4,4'-DDD	614672.63	BE 0.1600
17	24.06	2973278	4,4'-DDT	662648.75	BB 0.1600
19	25.07	37025	Endrin aldehyde	7443.36	VB 0.1600
21	25.93	6161502	Methoxychlor	895924.19	BV 0.8000
22	26.22	72228		13545.93	VB 0.0722
23	27.75	115850	Endrin ketone	20154.15	BB 0.1600
25	31.76	3974734	DCBP	459670.69	BB 0.1600
		31319552		6.36e6	

slow R3

```

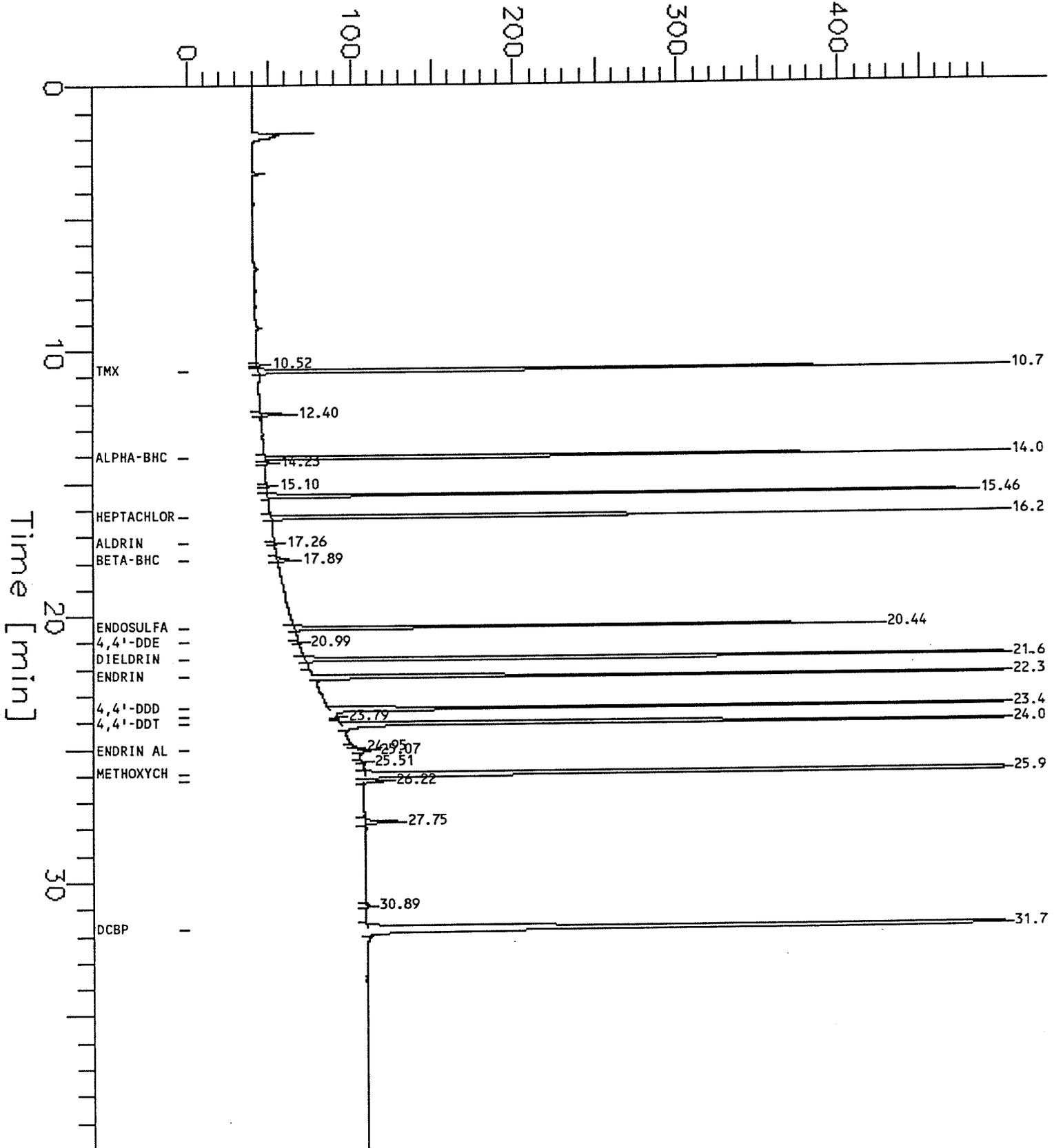
=====
5890-9      DB1701 COLUMN #163      Channel B
=====

```

Sample Name : 1CM4CF
 FileName : f:\turbo32\khorvat\9b33015.raw
 Method : 9-33D.ins
 Start Time : 0.00 min
 Scale Factor: 0

Sample #: INDAH01
 Date : 08/24/93 09:42
 Time of Injection: 08/23/93 22:31
 Low Point : 0.00 mV
 Plot Scale: 500 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BG                      Time       : 8/24/93  11:01
Sample Number: INDBH01                    Study      :
Operator   :
  
```

```

Instrument : 970_-9                      Channel : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  23:17
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : F:\TURBO32\KHORVAT\9b33016.raw
Result File   : f:\turbo32\khorvat\9b33016.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33B.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume : 1 ul                      Area Reject : 20000.00
Sample Amount : 1.0000                  Dilution Factor : 1.00
  
```

```

=====

```

		5890-9	DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.76	1908199	TMX	460364.72	BB 0.0800
3	12.39	27060		6915.75	BB 0.0271
7	17.26	1887294	Aldrin	461226.06	BB 0.0800
8	17.87	914368	beta-BHC	222520.91	BB 0.0800
11	18.77	1761956	delta-BHC	464167.09	BB 0.0800
12	19.48	1837463	Hept. epoxide	429785.97	BB 0.0800
13	20.54	1928161	gamma chlordane	443554.28	BV 0.0800
14	20.72	1876370	alpha chlordane	431312.84	VB 0.0800
15	20.99	3482223	4,4'-DDE	839675.63	BB 0.1600
17	23.78	3101573	Endosulfan II	711453.88	BB 0.1600
18	24.14	53907		8322.55	BB 0.0539
19	25.06	1688240	Endrin aldehyde	263086.88	BB 0.1600
21	26.09	2651599	Endo. sulfate	542229.69	BB 0.1600
22	27.75	3338158	Endrin ketone	577315.06	BB 0.1600
24	31.75	4004219	DCBP	465323.94	BB 0.1600
		30460786		6.32e6	

8/24/93 ds

```

=====
5890-9      DB1701 COLUMN #163      Channel B
=====

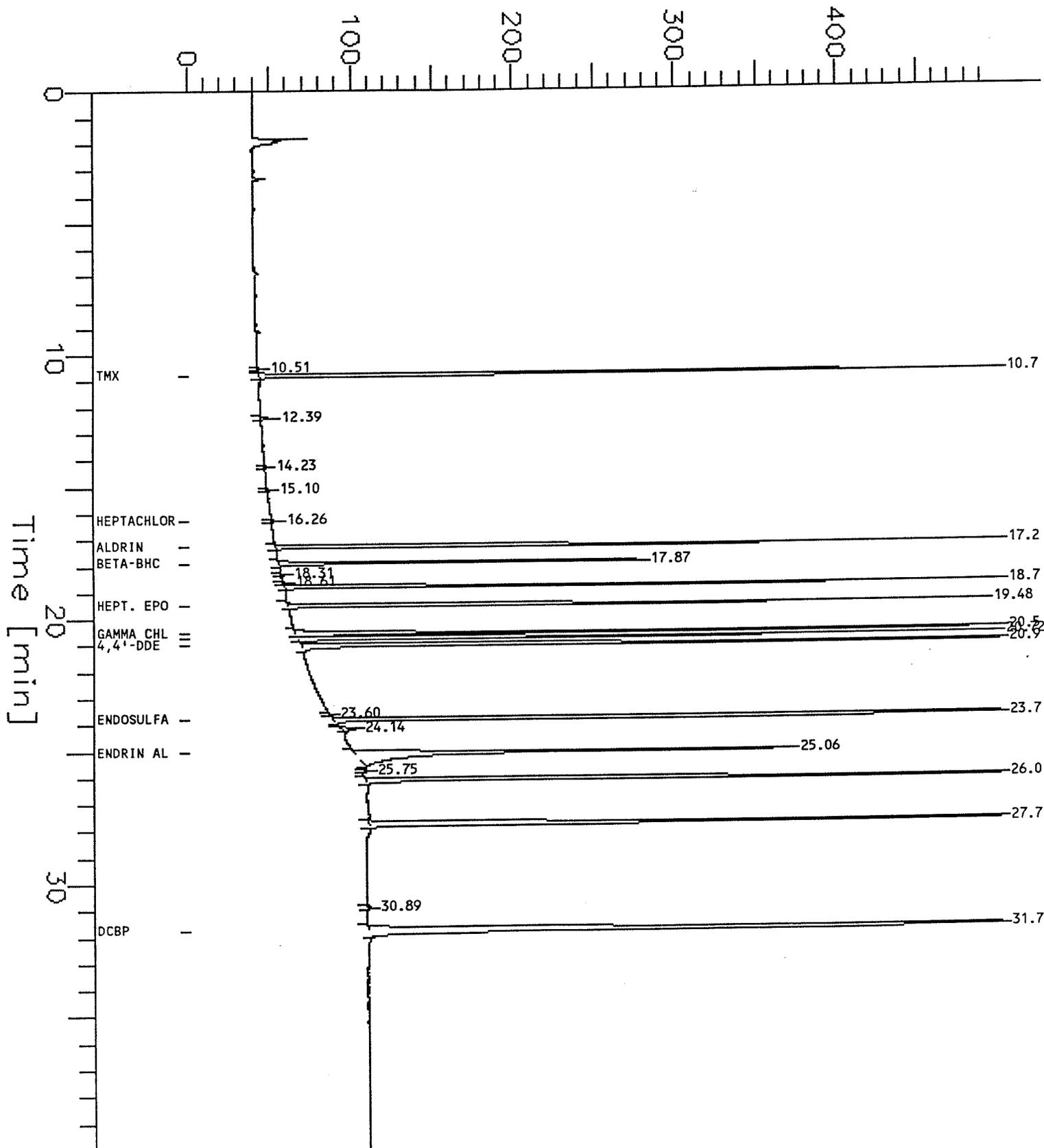
```

Sample Name : ICM5BG
 FileName : f:\turbo32\khorvat\9b33016.raw
 Method : 9-33D.ins
 Start Time : 0.00 min
 Scale Factor: 0

End Time : 40.00 min
 Plot Offset: 0 mV

Sample #: INDBH01
 Date : 08/24/93 09:43
 Time of Injection: 08/23/93 23:17
 Low Point : 0.00 mV
 Plot Scale: 500 mV
 High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM1DB           Time       : 08/24/93 12:13
Sample Number: PEM01           Study      :
Operator      :

Instrument    : 970 -_9          Channel : B    A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/23/93 13:20
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9b33003.raw
Result File     : f:\turbo32\khorvat\9b33003.rst
Instrument File  : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33B.prc
Sample File     : f:\turbo32\khorvat\9-33BX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject   : 20000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.76	334159	TMX	83509.87	0.0158
3	14.03	131755	alpha-BHC	35642.65	0.0077
5	15.45	133434	gamma-BHC	35269.35	0.0083
6	17.87	98218	beta-BHC	24001.60	0.0095
7	22.29	584229	Endrin	141464.80	0.0457
8	23.50	25399	4,4'-DDD	5596.64	0.0020
9	24.05	1414842	4,4'-DDT	314086.50	0.0940
13	25.95	1901671	Methoxychlor	381942.97	0.2187
15	27.75	23427	Endrin ketone	4151.72	0.0013
16	31.75	390999	DCBP	46970.82	0.0162
				5038134	1.07e6

Stark 96

```

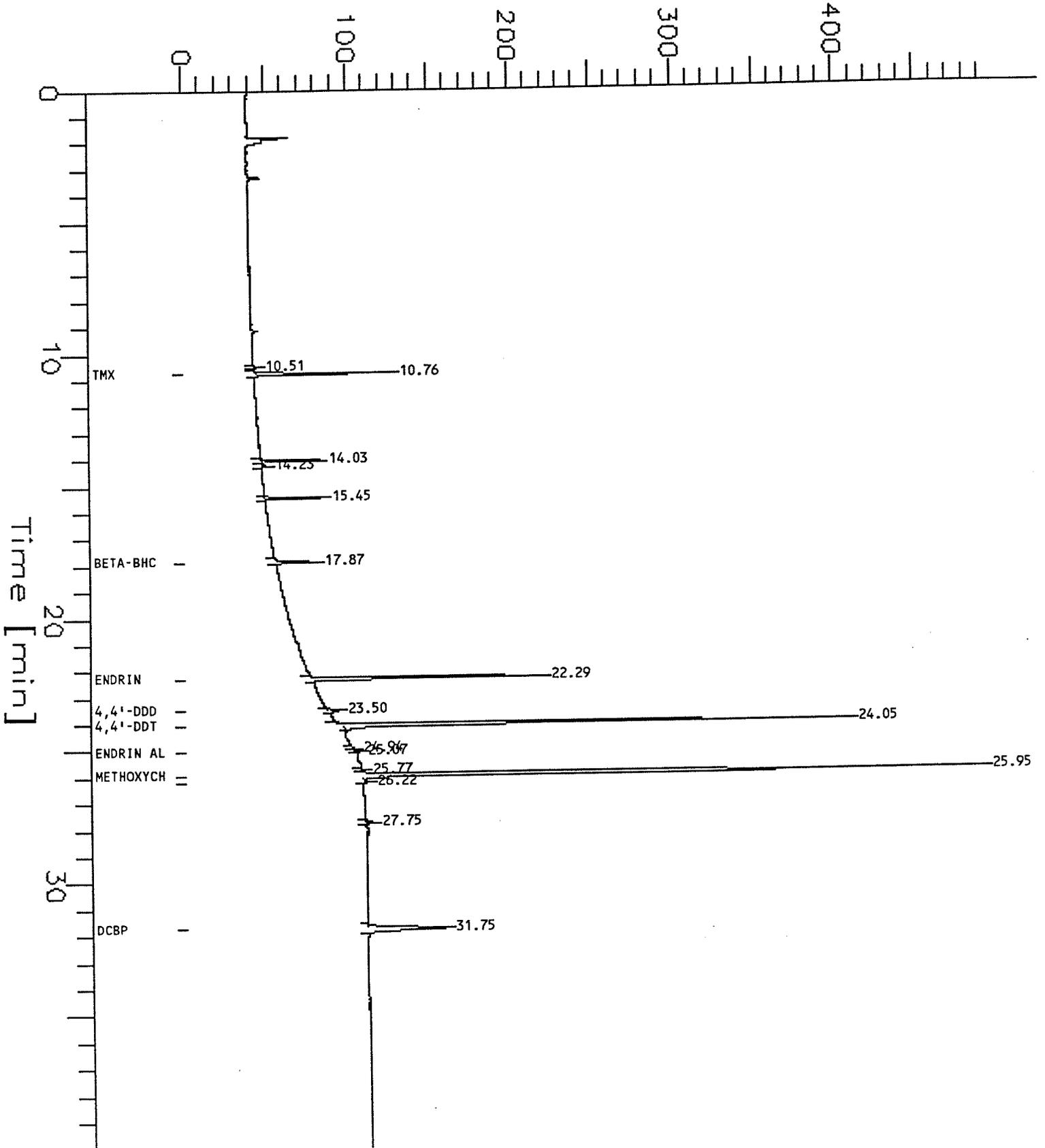
=====
5890-9        DB1701 COLUMN #163        Channel B
=====
  
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33003.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PEM01
Date : 8/24/93 11:50
Time of Injection: 8/23/93 13:20
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time      : 08/24/93 12:32
Sample Number: PEM02          Study       :
Operator      :

Instrument   : 970_-9          Channel  : B    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/24/93 (12:48) 0008
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
    
```

*med
9/1/93*

```

Raw Data File : f:\turbo32\khorvat\9b33018.raw
Result File   : f:\turbo32\khorvat\9b33018.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume   : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
Peak Ret Time      Area          Component      Height   BL Concentration
# [min] [uV/sec]      Name           [uV]     ng
-----
  2   10.76    340683  TMX                84822.90  BB    0.0161
  3   14.03    134175  alpha-BHC          36141.59  BV    0.0079
  5   15.45    136167  gamma-BHC          35600.81  BB    0.0085
  6   17.88     98448  beta-BHC           24293.67  BB    0.0095
  7   22.30    603023  Endrin             145222.80  BB    0.0472
  8   23.50     27486  4,4'-DDD           5834.62   BB    0.0022
  9   24.06   1418375  4,4'-DDT           321448.19  BB    0.0943
 12   25.96   2020282  Methoxychlor       404330.84  VE    0.2324
 14   27.75     23274  Endrin ketone       4169.11   BB    0.0013
 16   31.76     402070  DCBP                48132.30  BB    0.0166
-----
                    5203983                1.10e6
    
```

8/24/93 dk

```

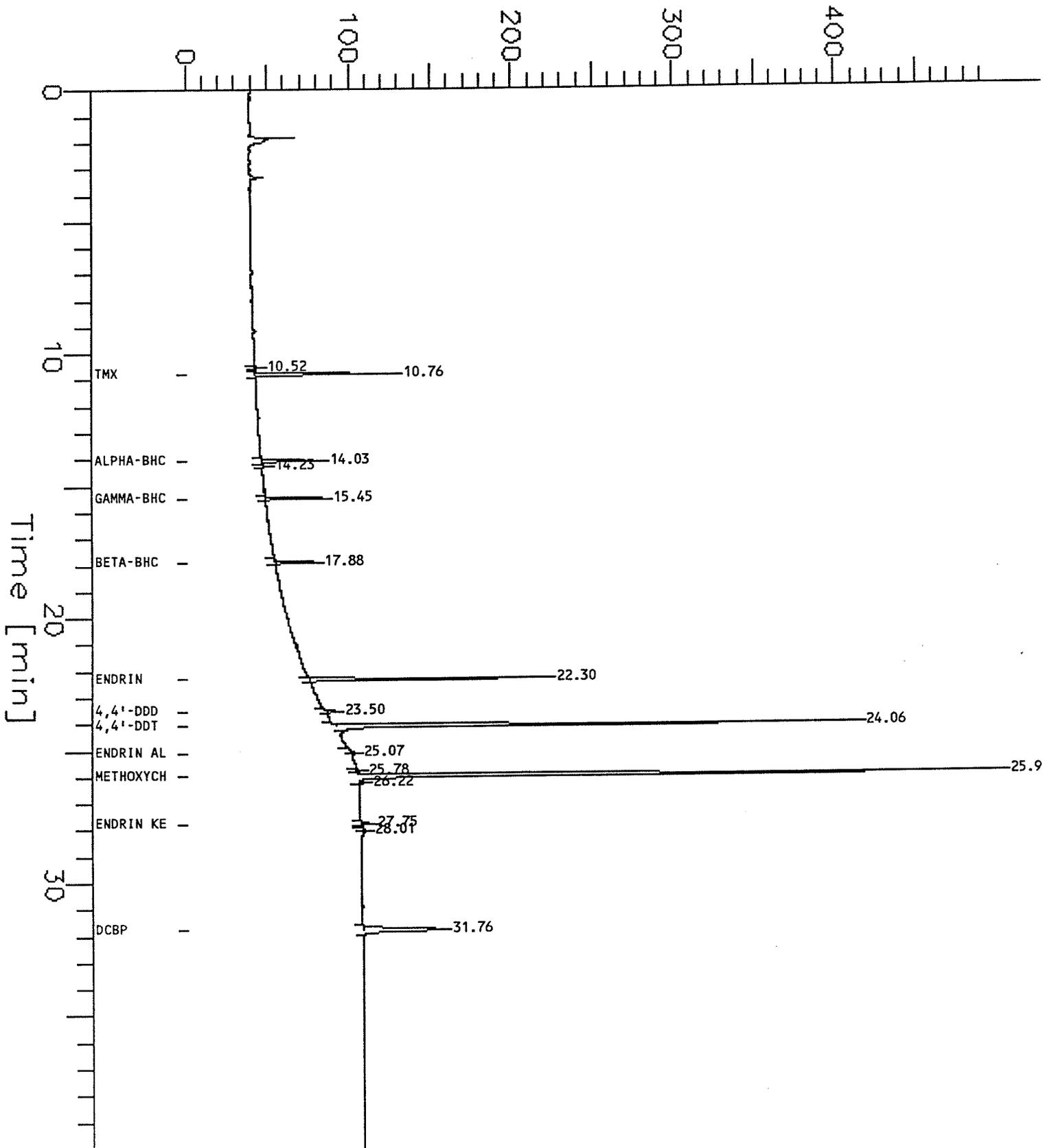
=====
                    5890-9      DB1701 COLUMN #163      Channel B
=====
    
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33018.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PEM02
Date : 08/24/93 12:32
Time of Injection: 08/24/93 (12:48) 2048
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time       : 08/25/93 08:51
Sample Number: PEM03          Study      :
Operator      :

Instrument   : 970_-_9         Channel  : B    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/24/93 22:13
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
    
```

```

Raw Data File   : f:\turbo32\khorvat\9b33045.raw
Result File    : f:\turbo32\khorvat\9b33045.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33B.prc
Sample File    : f:\turbo32\khorvat\9-33BX.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
Peak Ret Time      Area          Component      Height  BL Concentration
# [min] [uV/sec]      Name           [uV]      ng
-----
  2  10.74      346028  TMX                86706.54  BB      0.0164
  4  14.01      133773  alpha-BHC          36215.72  BV      0.0078
  6  15.43      134720  gamma-BHC          35631.53  BB      0.0084
  7  17.85       96474  beta-BHC           23720.54  BB      0.0093
  9  22.27      630448  Endrin             152164.53  BB      0.0493
 10  23.47      23767   4,4'-DDD           5772.76   BB      0.0019
 11  24.03     1499484  4,4'-DDT          335302.53  BB      0.0997
 12  25.08       21351  Endrin aldehyde    1062.01   BB      0.0022
 14  25.92     2190311  Methoxychlor       450232.00  VV      0.2519
 18  31.71     386384  DCBP                47941.65  BB      0.0160
-----
                    5462740                1.17e6
    
```

8/25/93 dx

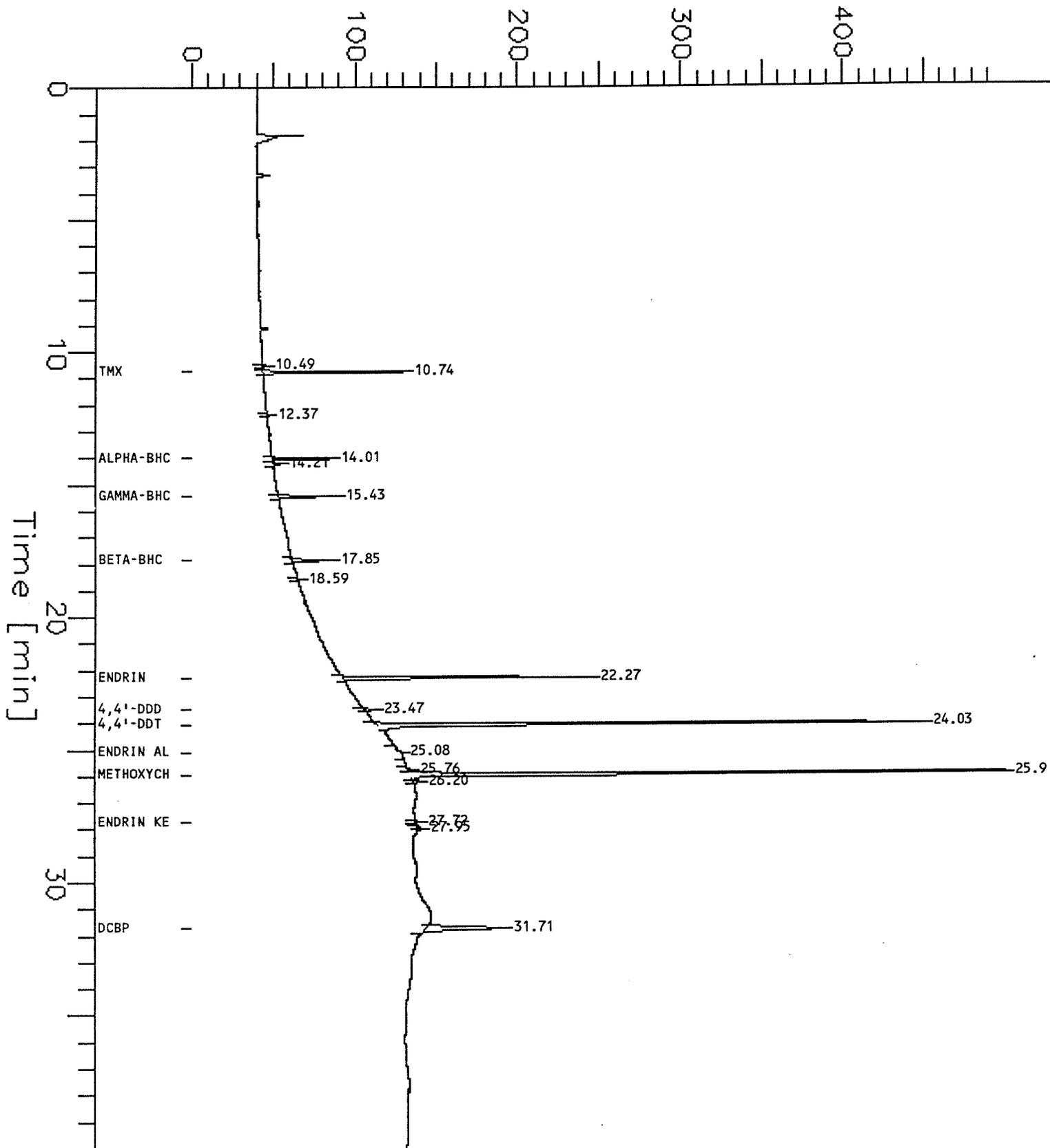
```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
    
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33045.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

Sample #: PEM03
Date : 08/25/93 08:51
Time of Injection: 08/24/93 22:13
Low Point : 0.00 mV
Plot Scale: 500 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time      : 8/30/93 16:24
Sample Number: PEM04          Study       :
Operator      :

Instrument   : 970_ _9         Channel  : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/25/93 20:07
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33066.raw
Result File   : f:\turbo32\khorvat\9b33066.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

		5890-9		DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
2	10.74	342920	TMX	84614.85	BB	0.0162
4	14.01	134519	alpha-BHC	36094.43	BV	0.0079
6	15.43	136683	gamma-BHC	35886.88	BB	0.0085
7	17.85	100634	beta-BHC	24702.82	BB	0.0097
9	20.97	29167	4,4'-DDE	452.34	BB	0.0018
10	22.27	626282	Endrin	152302.92	BB	0.0490
11	23.47	28802	4,4'-DDD	6852.99	BB	0.0023
12	24.03	1534711	4,4'-DDT	334661.47	BB	0.1020
15	25.92	2159318	Methoxychlor	439200.22	VE	0.2483
18	27.96	31685		3781.14	BB	0.0317
19	31.70	407545	DCBP	49424.32	BB	0.0169

		5532266		1.16e6		

```

=====
                        8/31/93  2
=====
5890-9      DB1701 COLUMN #163      Channel B
=====
  
```

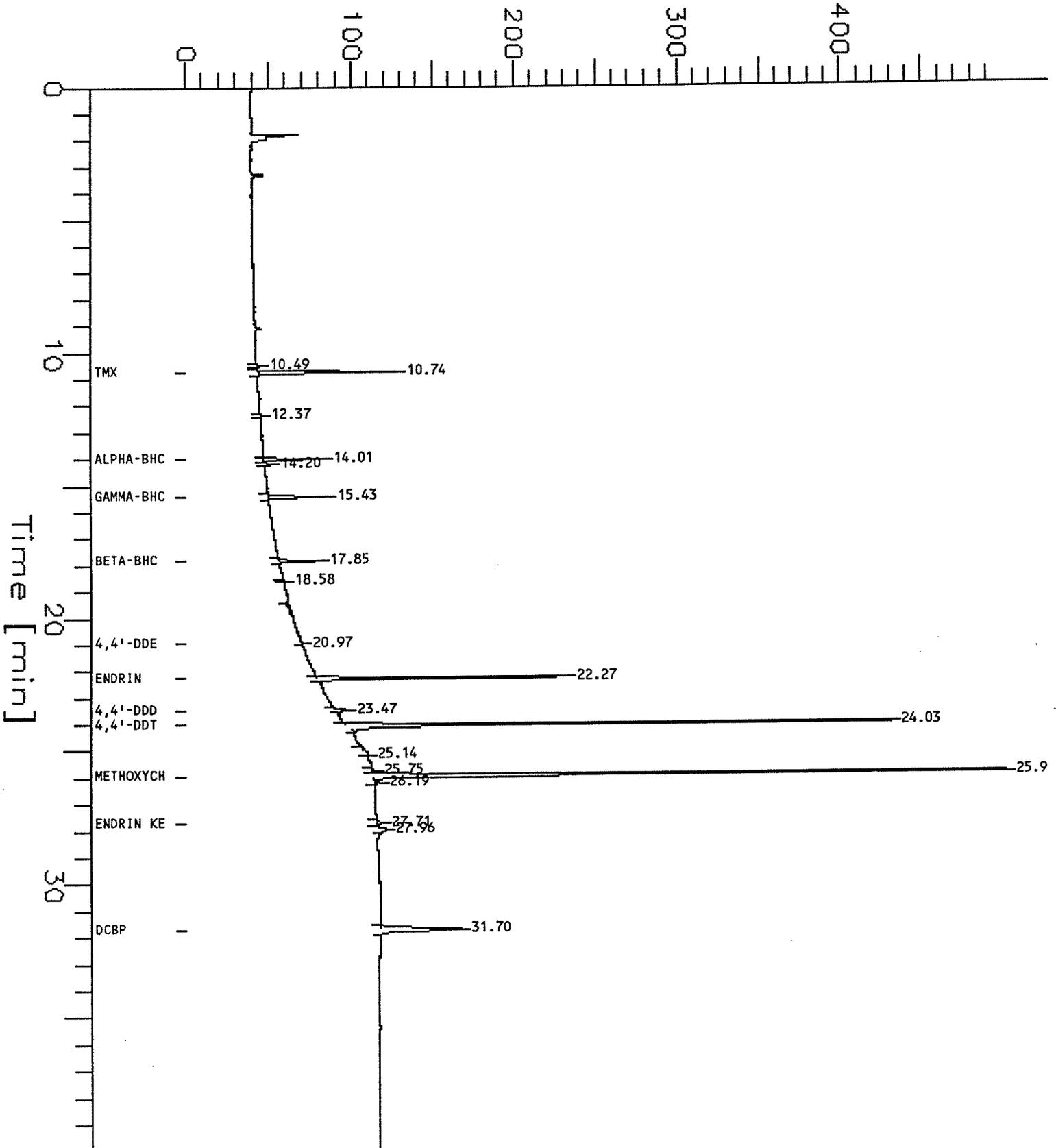
Sample Name : ICM1DB
 FileName : f:\turbo32\khorvat\9b33066.raw
 Method : 9-33D.ins
 Start Time : 0.00 min
 Scale Factor : 0

End Time : 40.00 min
 Plot Offset: 0 mV

Sample #: PEM04
 Date : 8/30/93 16:24
 Time of Injection: 8/25/93 20:07
 Low Point : 0.00 mV
 Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB
Sample Number: PEM05
Operator :
Time : 8/27/93 09:17
Study :
  
```

```

Instrument : 970_9
AutoSampler : NONE
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
  
```

```

Interface Serial # : 2135574868
Data Acquisition Time: 8/26/93 17:31
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33093.raw
Result File : f:\turbo32\khorvat\9b33093.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33B.prc
Sample File : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000
Area Reject : 20000.00
Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB1701  COLUMN #163      Channel B
Peak Ret Time      Area      Component      Height  BL Concentration
#      [min]      [uV/sec]      Name      [uV]      ng
-----
  2    10.73      363189  TMX      90139.97  BB      0.0172
  5    13.99      142705  alpha-BHC  38425.36  BV      0.0084
  7    15.41      144331  gamma-BHC  38543.92  BB      0.0090
  8    17.83      104338  beta-BHC   25879.07  BB      0.0101
 10    19.07        76034             2873.49  BB      0.0760
 11    20.95      262559  4,4'-DDE   595.75   BB      0.0158
 12    22.26      676170  Endrin     166279.38  BB      0.0529
 14    23.45      42664   4,4'-DDD   9701.50  BV      0.0034
 16    24.01      1608425  4,4'-DDT   363181.84  BB      0.1069
 20    25.90      2346638  Methoxychlor  488293.28  VV      0.2699
 23    27.92      133665             12137.14  VB      0.1337
 24    31.67      433859  DCBP      53422.22  BB      0.0180
-----
                    6334575                    1.28e6
  
```

8/27/93

```

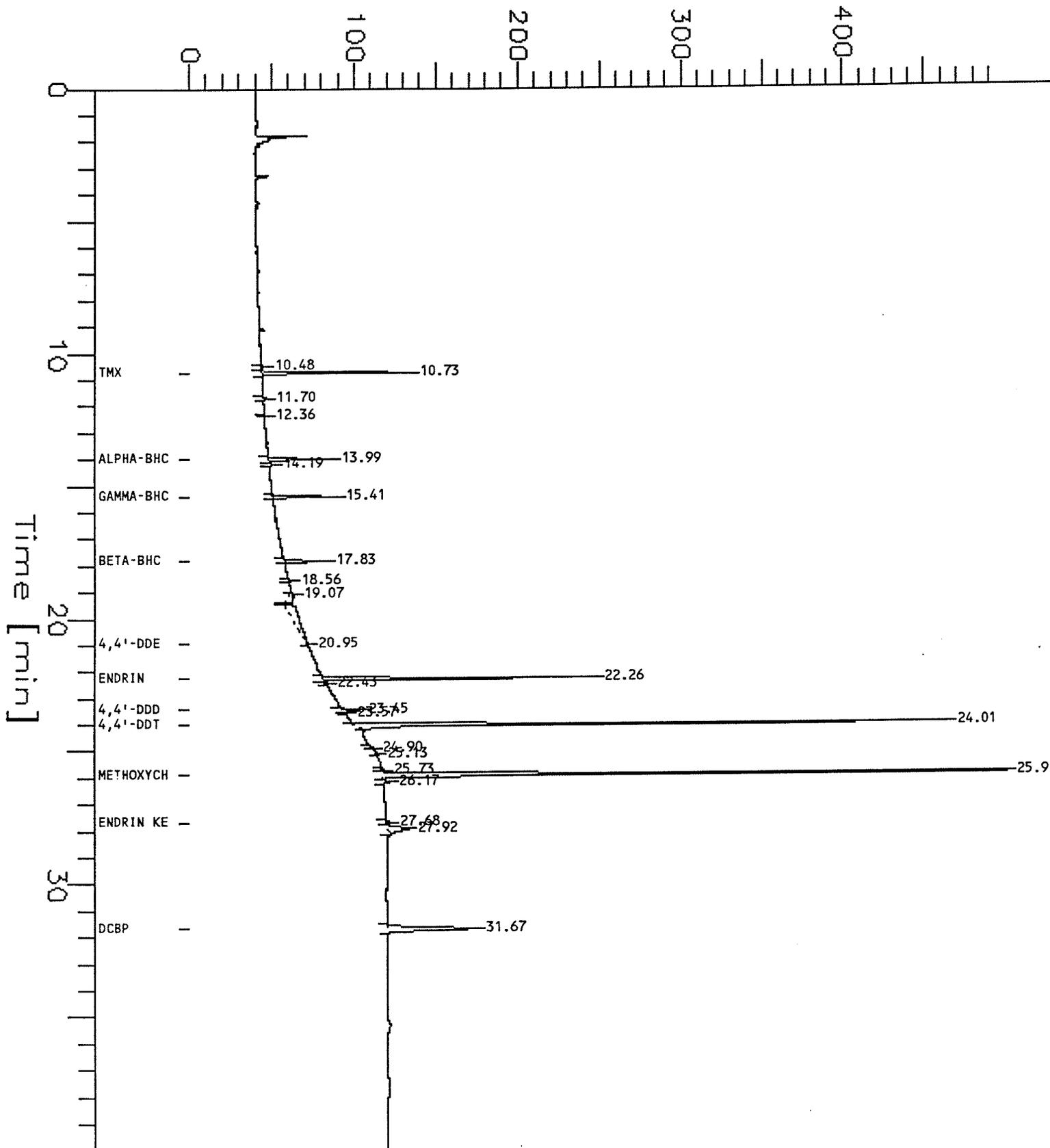
=====
                    5890-9      DB1701  COLUMN #163      Channel B
=====
  
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33093.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PEM05
Date : 8/27/93 09:17
Time of Injection: 8/26/93 17:31
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time       : 08/30/93 10:17
Sample Number: PEM06          Study      :
Operator   :

Instrument  : 970_-9           Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/27/93 14:16
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File  : f:\turbo32\khorvat\9b33117.raw
Result File    : f:\turbo32\khorvat\9b33117.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33B.prc
Sample File    : f:\turbo32\khorvat\9-33BX.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
  
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration
1	10.74	327948	TMX	81993.20	BB 0.0155
2	14.00	128839	alpha-BHC	34834.25	BB 0.0076
3	15.42	131266	gamma-BHC	34771.52	BB 0.0082
4	17.84	94904	beta-BHC	23675.02	BB 0.0092
7	22.27	596965	Endrin	144628.91	BB 0.0467
8	23.46	57051	4,4'-DDD	12900.90	BB 0.0045
9	24.02	1426586	4,4'-DDT	306602.91	BB 0.0948
11	25.56	42396		537.00	VB 0.0424
12	25.91	1969732	Methoxychlor	406405.31	BV 0.2265
14	27.70	20382	Endrin ketone	3876.15	BB 0.0012
15	31.69	388075	DCBP	47065.50	BB 0.0161
				5184146	1.09e6

5/1/83

```

=====
5890-9      DB1701 COLUMN #163      Channel B
=====
  
```

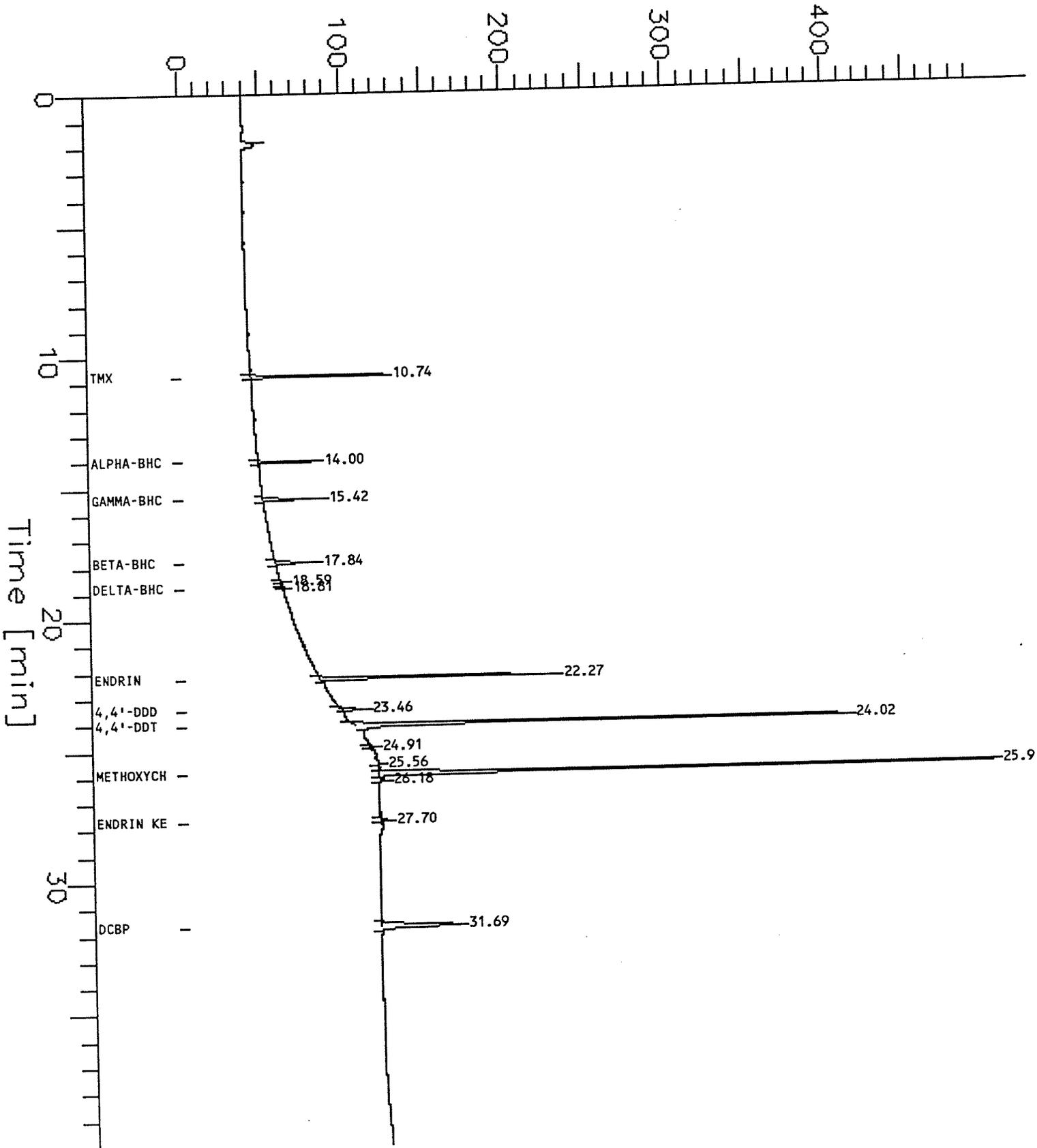
5890B9 1.0ul Inj

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33117.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PEM06
Date : 08/30/93 10:18
Time of Injection: 08/27/93 14:16
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701




```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB
Sample Number: PEM07
Operator :

Time : 08/30/93 10:46
Study :

Instrument : 970_-9
AutoSampler : NONE
Rack/Vial : 0/0

Channel : B A/D mV Range : 1000
    
```

```

Interface Serial # : 2135574868 Data Acquisition Time: 08/28/93 11:41
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9b33145.raw
Result File : f:\turbo32\khorvat\9b33145.rst
Instrument File: f:\turbo32\khorvat\9-330.ins
Process File : f:\turbo32\khorvat\9-33B.prc
Sample File : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000

Area Reject : 20000.00
Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
Peak Ret Time      Area          Component          Height   BL Concentration
# [min] [uV/sec]      Name              [uV]      ng
-----
  1  10.75    332168 TMX                82380.57 BB    0.0157
  2  14.01    130938 alpha-BHC           35247.93 BB    0.0077
  3  15.43    133500 gamma-BHC      34864.09 BB    0.0083
  4  17.85     95756 beta-BHC        23872.50 BB    0.0093
  6  22.28    618112 Endrin         148905.75 BB   0.0484
  7  23.47     32967 4,4'-DDD        7764.56 BB    0.0026
  8  24.04   1414005 4,4'-DDT      320768.59 BB   0.0940
  9  25.61     39448                  138.34 BB    0.0395
 10  25.93   2080132 Methoxychlor   423265.53 BV   0.2392
 13  31.72     392838 DCBP           47287.43 BB    0.0163
-----
                    5269863                        1.12e6
    
```

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```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
=====
    
```

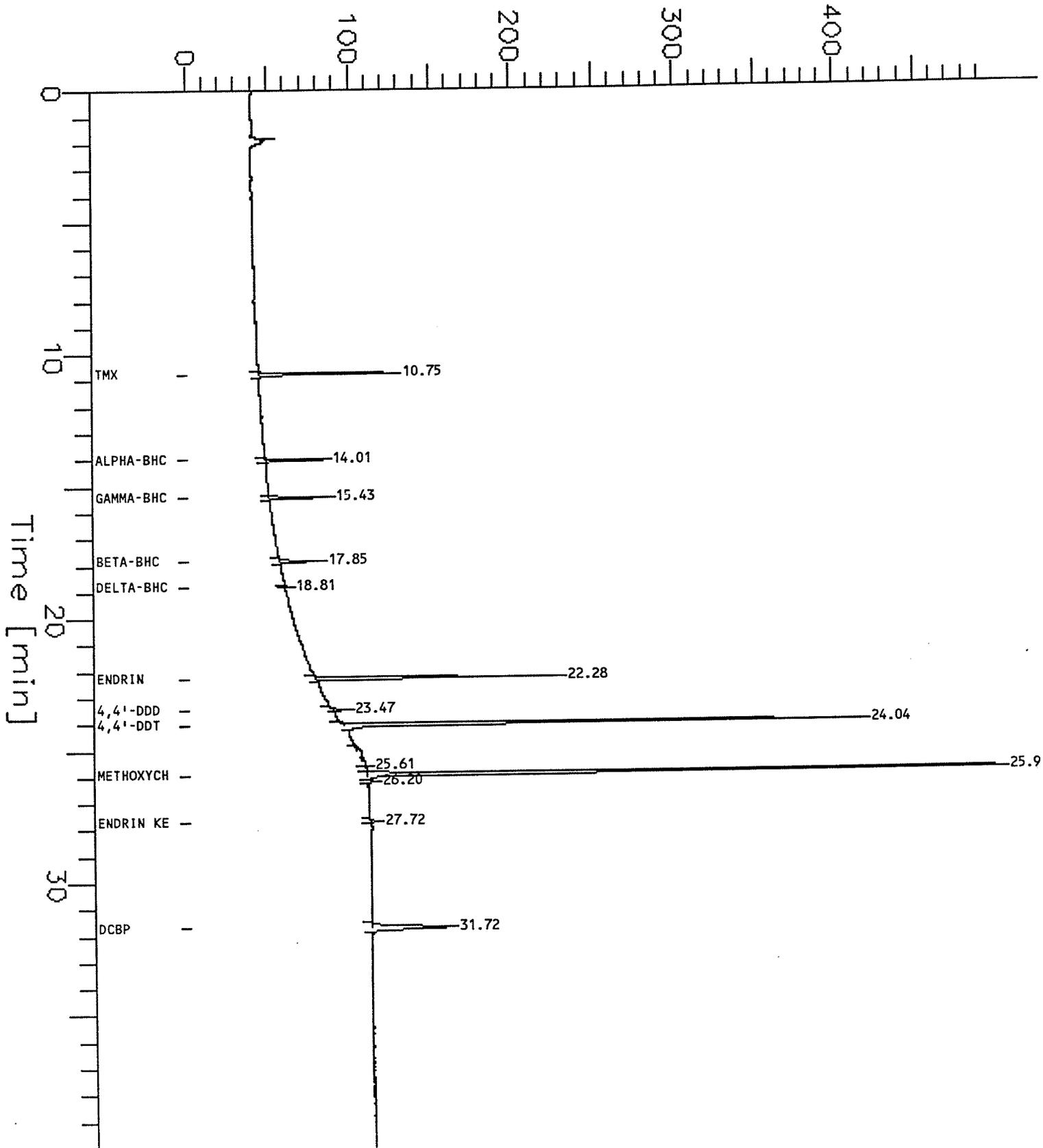
Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33145.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PEM07
Date : 08/30/93 10:46
Time of Injection: 08/28/93 11:41
Low Point : 0.00 mV
Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



=====

Software Version: 3.2 <10J29>
 Sample Name : ICM1DB Time : 08/30/93 11:13
 Sample Number: PEM08 Study :
 Operator :
 Instrument : 970_-_9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/29/93 09:04
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33173.raw
 Result File : f:\turbo32\khorvat\9b33173.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

			5890-9	DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
2	10.76	333904	TMX	82129.63	BB	0.0158
3	14.02	131516	alpha-BHC	35305.32	BB	0.0077
4	15.45	133930	gamma-BHC	35011.92	BB	0.0084
5	17.86	97017	beta-BHC	24029.90	BB	0.0094
8	22.29	613993	Endrin	148210.27	BB	0.0480
9	23.48	71949	4,4'-DDD	17250.81	BB	0.0057
10	24.05	1290572	4,4'-DDT	293587.06	BB	0.0858
12	25.33	41317		787.49	VB	0.0413
13	25.94	1948582	Methoxychlor	401347.50	BV	0.2241
15	27.73	23095	Endrin ketone	4322.31	BB	0.0013
17	31.75	398408	DCBP	47949.24	BB	0.0165
				5084283		1.08e6

8/31/93 as

=====

5890-9	DB1701	COLUMN #163	Channel B
--------	--------	-------------	-----------

=====

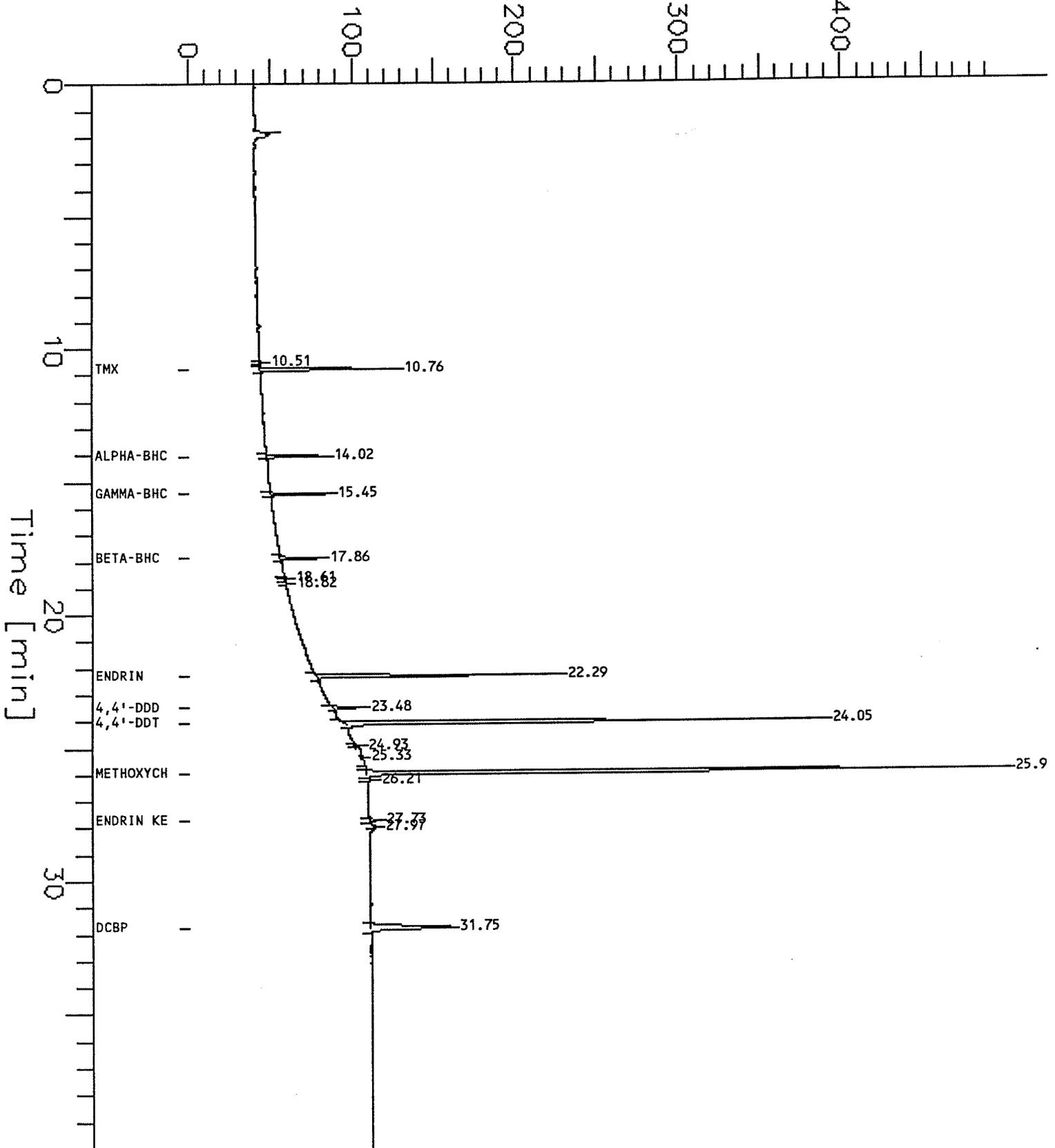
Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33173.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PEM08
Date : 08/30/93 11:13
Time of Injection: 08/29/93 09:04
Low Point : 0.00 mV
Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



=====

Software Version: 3.2 <10J29>
 Sample Name : ICM1DB Time : 08/30/93 14:43
 Sample Number: PEM09 Study :
 Operator :
 Instrument : 970_9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/30/93 13:34
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33175.raw
 Result File : f:\turbo32\khorvat\9b33175.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.75	328792	TMX	80788.50	0.0156
4	14.00	128479	alpha-BHC	34791.16	0.0075
5	15.42	130002	gamma-BHC	34243.47	0.0081
6	17.84	95924	beta-BHC	23735.57	0.0093
7	18.57	26033		6259.59	0.0260
8	19.18	94574		9281.39	0.0946
9	21.25	421781		274.98	0.4218
10	22.01	33802		2443.13	0.0338
11	22.27	618419	Endrin	147839.36	0.0484
12	23.45	248676	4,4'-DDD	17945.09	0.0197
14	24.02	1360551	4,4'-DDT	301335.28	0.0904
16	25.91	1945680	Methoxychlor	407640.75	0.2238
18	27.70	21061	Endrin ketone	3952.12	0.0012
19	27.93	387747		32233.41	0.3878
20	31.70	394714	DCBP	47691.53	0.0163
				1.15e6	

signature

=====

5890-9 DB1701 COLUMN #163 Channel B

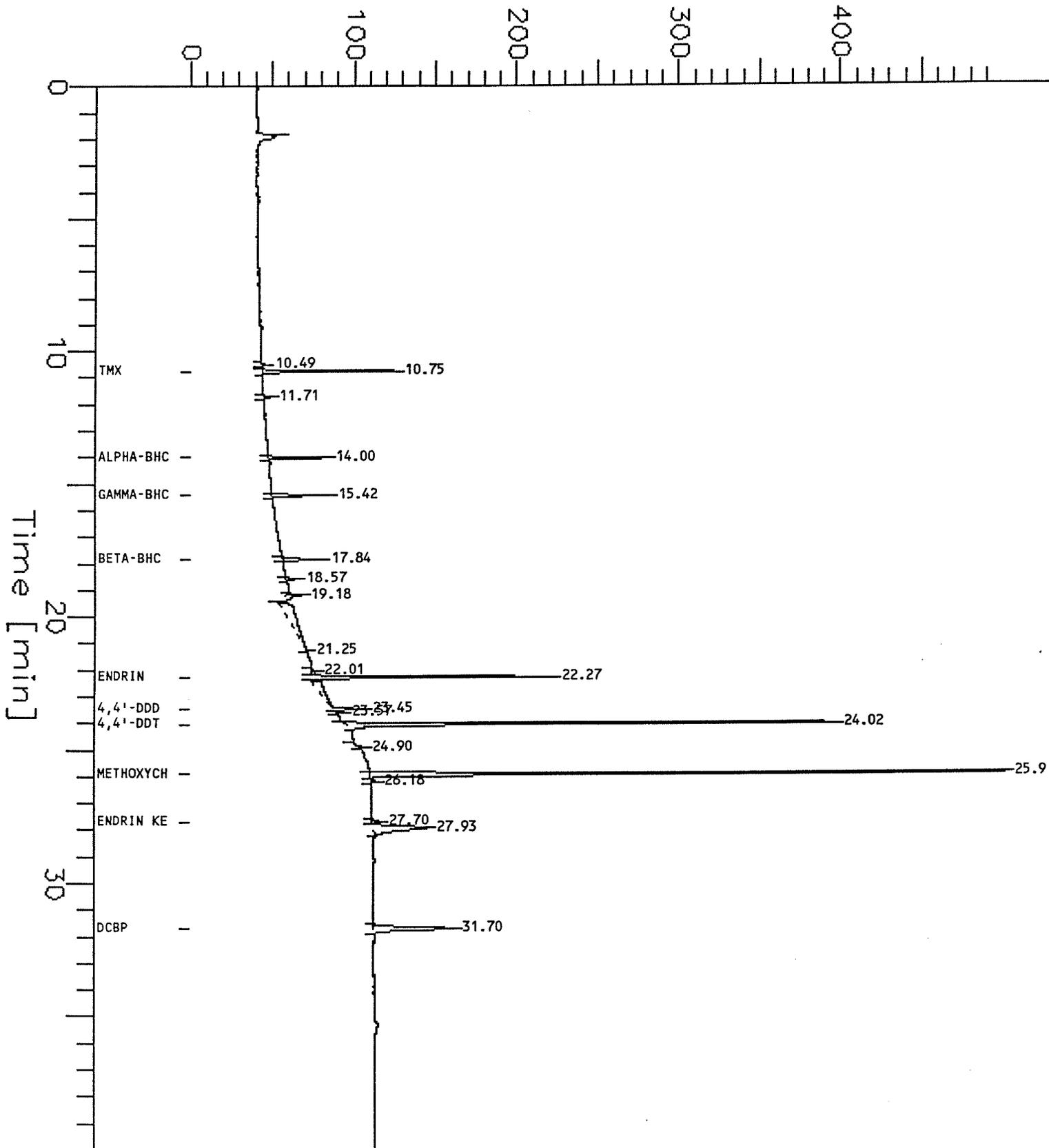
=====

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33175.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PEM09
Date : 08/30/93 14:43
Time of Injection: 08/30/93 13:34
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB
Sample Number: PEM10
Operator :

Time : 08/31/93 11:36
Study :

Instrument : 970_-9
AutoSampler : NONE
Rack/Vial : 0/0

Channel : B A/D mV Range : 1000
    
```

```

Interface Serial # : 2135574868 Data Acquisition Time: 08/31/93 09:28
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9b33201.raw
Result File : f:\turbo32\khorvat\9b33201.rst
Instrument File: f:\turbo32\khorvat\9-330.ins
Process File : f:\turbo32\khorvat\9-33B.prc
Sample File : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000

Area Reject : 20000.00
Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
Peak Ret Time      Area      Component      Height      BL Concentration
#      [min]      [uV/sec]      Name      [uV]      ng
-----
1      10.74      327789      TMX      80428.46      BB      0.0155
2      14.00      129113      alpha-BHC      34644.95      BB      0.0076
3      15.42      131489      gamma-BHC      34350.30      BB      0.0082
4      17.83      94975      beta-BHC      23540.24      BB      0.0092
7      22.27      597850      Endrin      144866.86      BB      0.0468
8      23.45      53775      4,4'-DDD      12489.32      BB      0.0043
9      24.02      1337937      4,4'-DDT      298384.97      BB      0.0889
11     25.74      104458      2377.04      VV      0.1045
12     25.91      1988665      Methoxychlor      398588.34      VE      0.2287
14     27.69      25505      Endrin ketone      4651.27      BB      0.0014
15     31.70      389538      DCBP      47051.44      BB      0.0161
-----
                    5181093      1.08e6
    
```

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```

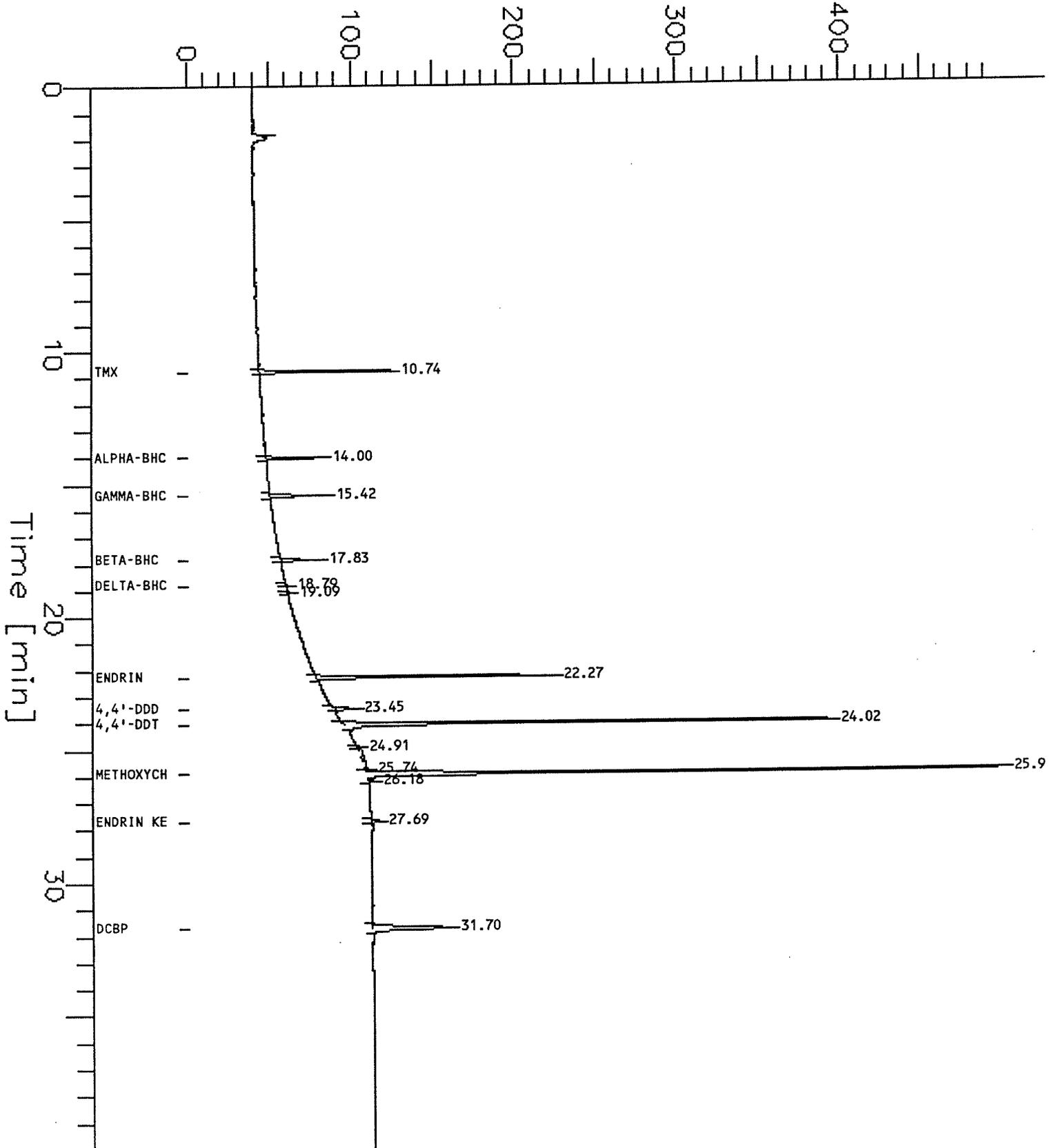
=====
                    5890-9      DB1701 COLUMN #163      Channel B
=====
    
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33201.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PEM10
Date : 08/31/93 11:36
Time of Injection: 08/31/93 09:28
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time       : 9/1/93 09:49
Sample Number: PEM11          Study      :
Operator    :

Instrument  : 970_-_9          Channel   : B      A/D mV Range : 1000
AutoSampler: NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 9/1/93 06:52
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : F:\TURBO32\KHORVAT\9B33229.raw
Result File   : f:\turbo32\khorvat\9b33229.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

=====

		5890-9	DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	10.77	320319	TMX	78822.66	BB 0.0152
2	14.02	129011	alpha-BHC	33948.82	BB 0.0076
3	15.44	127908	gamma-BHC	33541.40	BB 0.0080
4	17.86	90804	beta-BHC	22747.89	BB 0.0088
5	22.29	564457	Endrin	136808.14	BB 0.0442
6	23.48	70083	4,4'-DDD	16031.82	BB 0.0055
7	24.05	1207976	4,4'-DDT	274126.59	BB 0.0803
11	25.94	1824060	Methoxychlor	364788.25	VV 0.2098
13	27.72	31443	Endrin ketone	5552.89	BB 0.0018
14	31.75	380916	DCBP	45648.70	BB 0.0158
		4746978		1.01e6	

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```

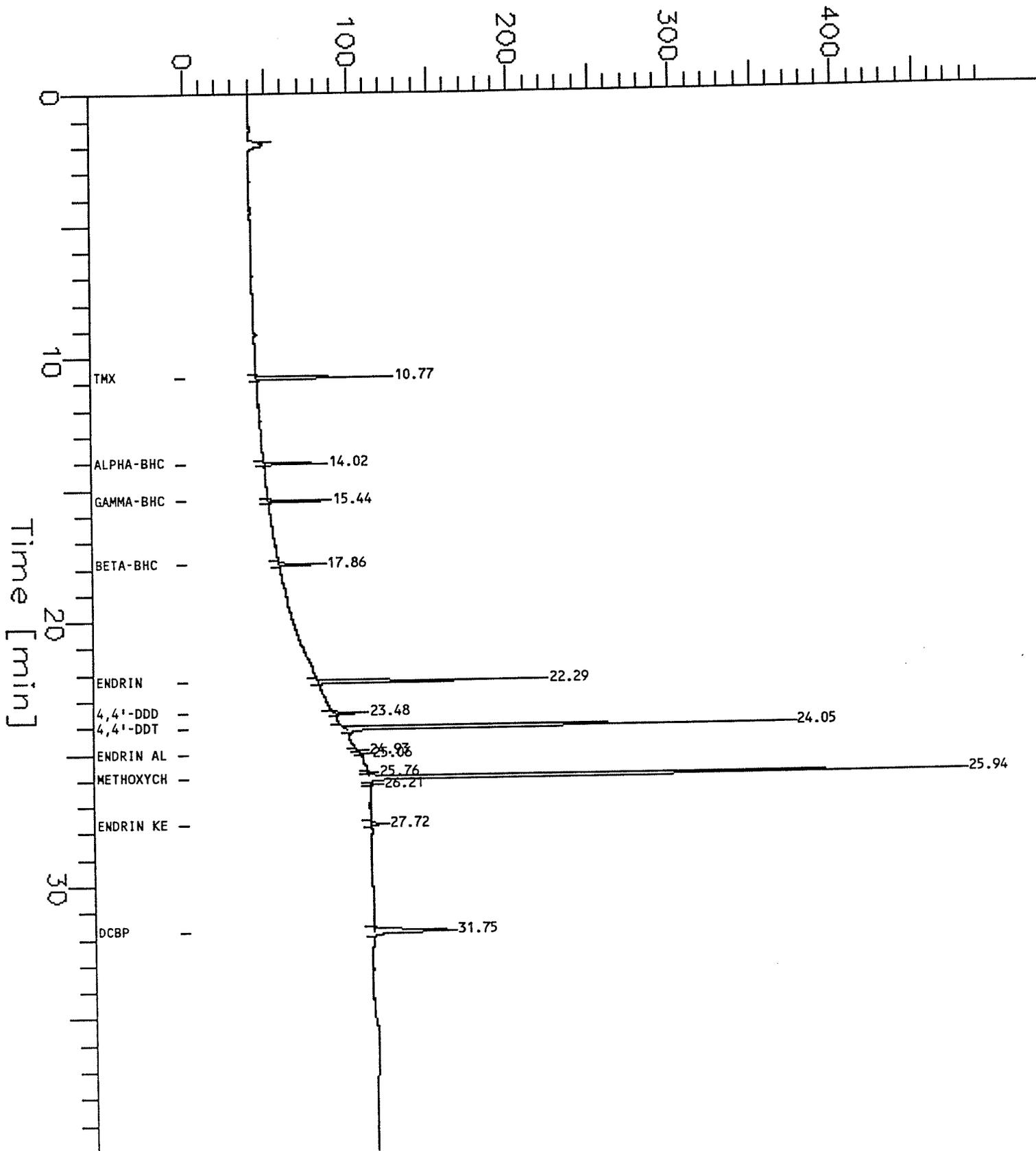
=====
5890-9      DB1701 COLUMN #163      Channel B
=====
  
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33229.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PEM11
Date : 09/01/93 08:39
Time of Injection: 09/01/93 06:52
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CE           Time       : 9/1/93  14:24
Sample Number: INDAMO2        Study      :
Operator      :

Instrument   : 970 - 9         Channel  : B    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/24/93  10:44
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec

```

```

Raw Data File : f:\turbo32\khorvat\9b33031.raw
Result File   : f:\turbo32\khorvat\9b33031.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00

```

```

=====

```

		5890-9	DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.75	424439	TMX	103917.28	BB 0.0201
4	14.02	333256	alpha-BHC	91207.65	BV 0.0201
6	15.44	311282	gamma-BHC	82254.40	BB 0.0201
7	16.25	419722	Heptachlor	98988.08	BB 0.0202
10	20.42	309514	Endosulfan I	73763.25	BB 0.0202
11	21.60	675626	Dieldrin	163907.50	BB 0.0403
12	22.28	522182	Endrin	125225.26	BB 0.0409
13	23.47	505884	4,4'-DDD	117391.79	BB 0.0400
14	24.04	629770	4,4'-DDT	129094.62	BB 0.0419
16	25.94	1798684	Methoxychlor	360182.81	BE 0.2069
18	27.73	31079	Endrin ketone	5304.95	BB 0.0018
20	31.73	982552	DCBP	115985.10	BB 0.0407
		6943988		1.46e6	

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```

=====
5890-9      DB1701 COLUMN #163      Channel B
=====

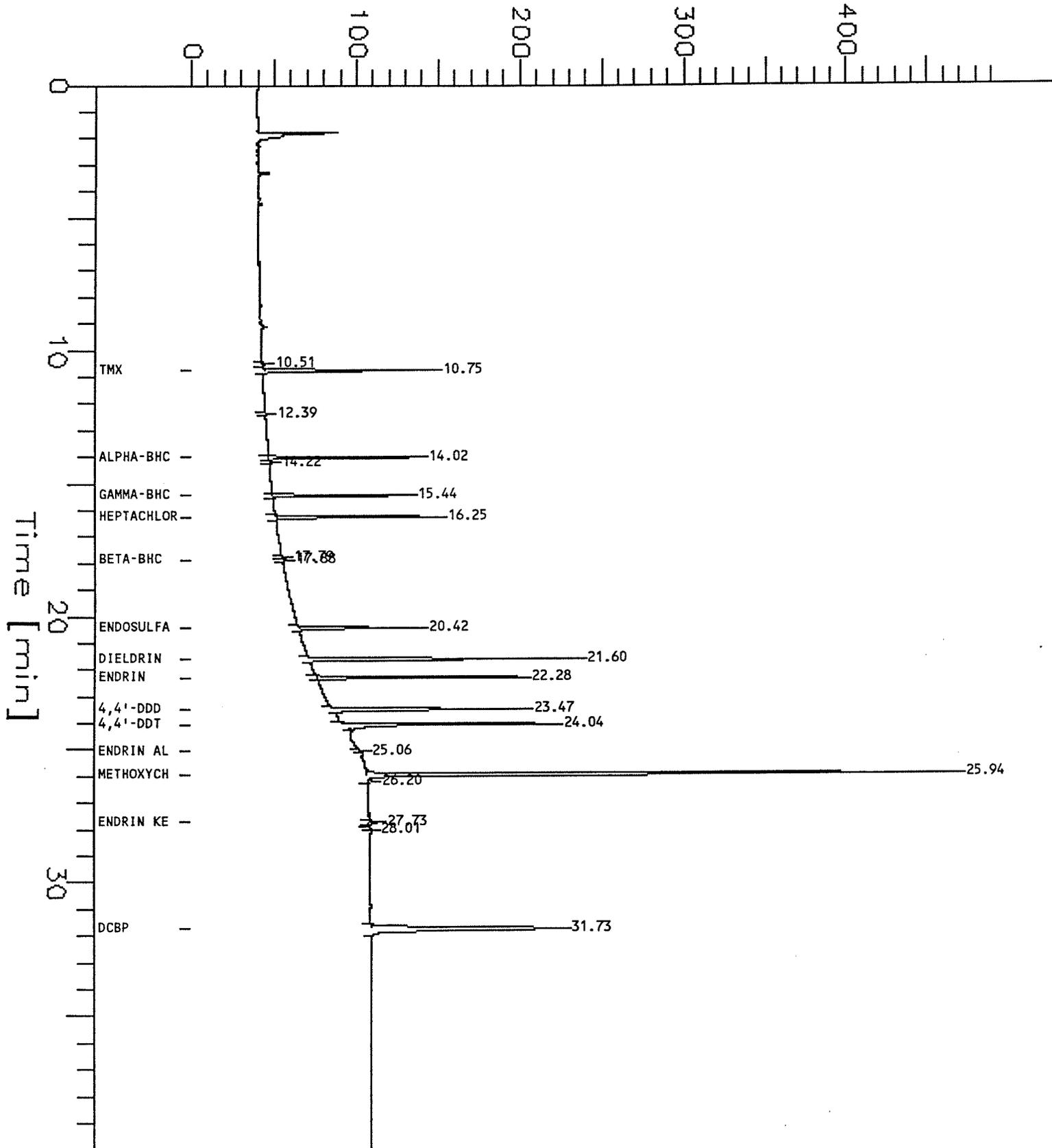
```

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9b33031.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDAM02
Date : 08/24/93 14:11
Time of Injection: 08/24/93 10:44
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BF           Time       : 9/1/93  14:25
Sample Number: INDBM02        Study      :
Operator   :

Instrument  : 970_-9           Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/24/93  11:30
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33032.raw
Result File   : f:\turbo32\khorvat\9b33032.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.75	421406	TMX	102505.88	BB 0.0199
5	17.24	353846	Aldrin	87726.85	BB 0.0200
6	17.86	205025	beta-BHC	50366.77	BB 0.0198
7	18.75	324012	delta-BHC	85702.56	BB 0.0192
8	19.46	381209	Hept. epoxide	90948.21	BB 0.0201
9	20.52	413164	gamma chlordane	95219.42	BV 0.0200
10	20.71	406710	alpha chlordane	94412.59	VB 0.0200
11	20.97	659667	4,4'-DDE	157342.13	BB 0.0396
12	23.77	623416	Endosulfan II	145809.53	BB 0.0401
13	24.13	74009		10546.16	BB 0.0740
14	25.04	381375	Endrin aldehyde	58199.63	BB 0.0400
15	26.07	536266	Endo. sulfate	111149.84	BB 0.0401
16	27.73	682757	Endrin ketone	121869.51	BB 0.0402
17	31.72	981322	DCBP	115788.49	BB 0.0406
6444184				1.32e6	

```

-----

```

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```

=====
5890-9      DB1701 COLUMN #163      Channel B
=====

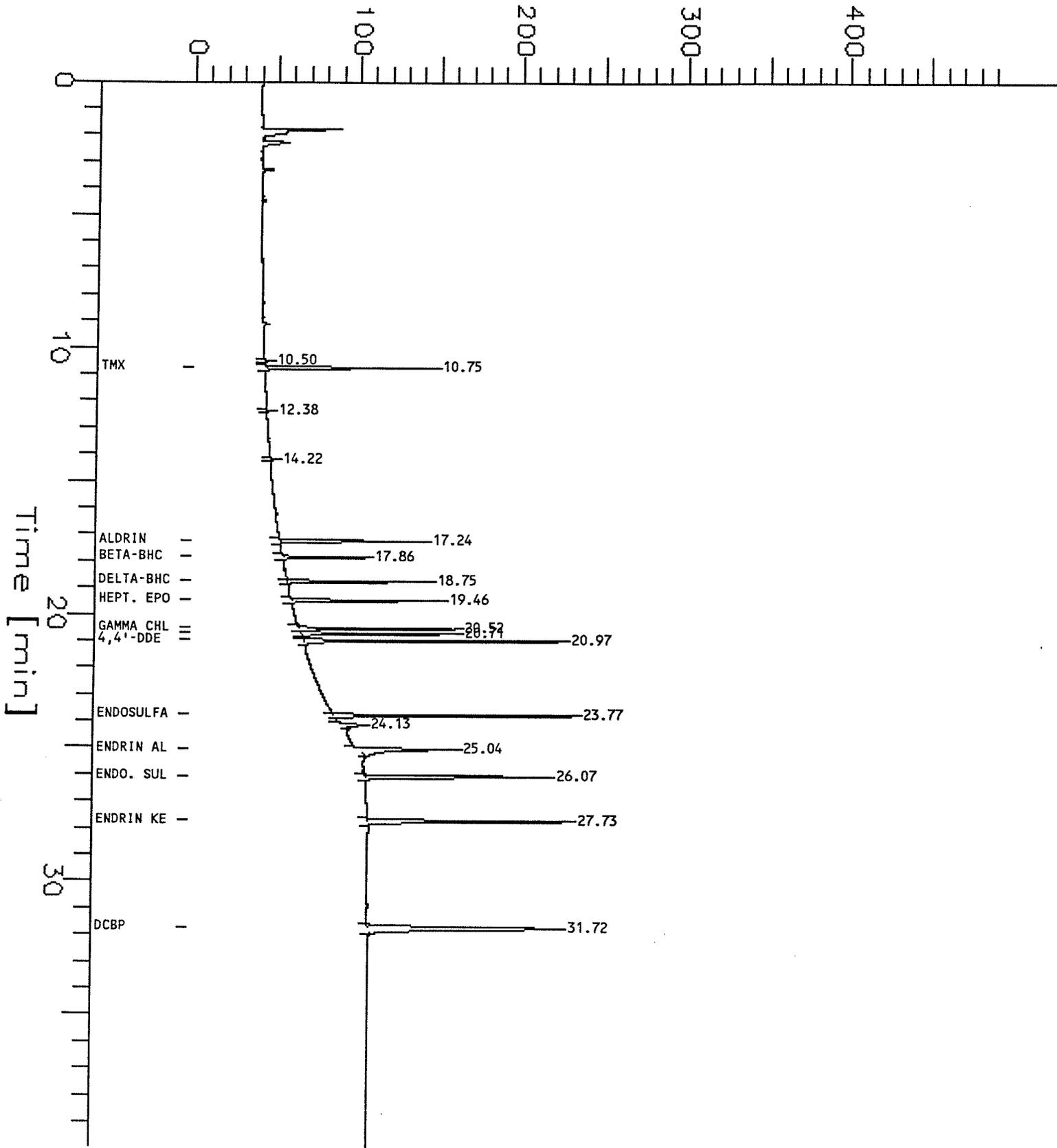
```

Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9b33032.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDBM02
Date : 08/24/93 14:13
Time of Injection: 08/24/93 11:30
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CE           Time       : 9/1/93  14:25
Sample Number: INDAM03        Study      :
Operator   :
  
```

```

Instrument : 970_-_9           Channel : B    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/25/93  07:23
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33057.raw
Result File : f:\turbo32\khorvat\9b33057.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33B.prc
Sample File : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000      Dilution Factor : 1.00
  
```

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.76	428076	TMX	106123.56	BB 0.0203
4	14.03	336450	alpha-BHC	91374.25	BV 0.0203
6	15.45	314117	gamma-BHC	83069.73	BB 0.0203
7	16.27	418255	Heptachlor	99165.47	BB 0.0202
10	20.43	337123	Endosulfan I	73508.27	BB 0.0220
11	21.61	672343	Dieldrin	163790.00	BB 0.0402
12	22.30	542957	Endrin	132712.98	BB 0.0425
13	23.49	512036	4,4'-DDD	125461.72	BB 0.0405
14	24.06	636176	4,4'-DDT	136134.55	BB 0.0423
17	25.95	1920556	Methoxychlor	391817.66	VV 0.2209
20	28.00	39414		4617.84	BB 0.0394
21	31.76	982216	DCBP	117629.95	BB 0.0406
7139719				1.52e6	

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```

=====
5890-9          DB1701 COLUMN #163      Channel B
=====
  
```

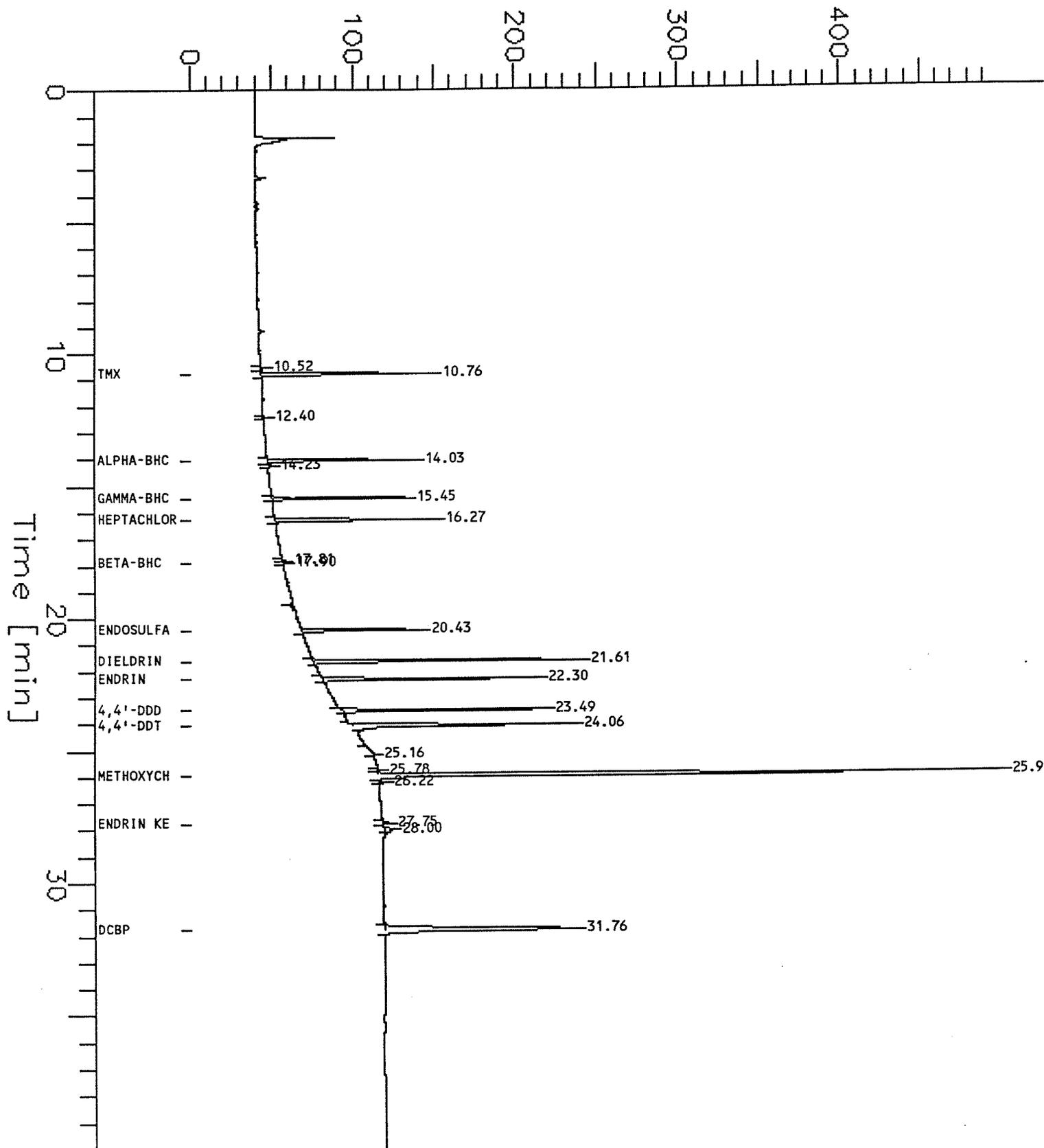
Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9b33057.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDAM03
Date : 08/25/93 09:04
Time of Injection: 08/25/93 07:23
Low Point : 0.00 mV
Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



=====
 Software Version: 3.2 <10J29>

Sample Name : ICM5BF Time : 9/1/93 14:25
 Sample Number: INDBM03 Study :
 Operator :

Instrument : 970_ _9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/25/93 08:10
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33058.raw
 Result File : f:\turbo32\khorvat\9b33058.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB1701 COLUMN #163 Channel B

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
2	10.76	423412	TMX	104402.88	BB	0.0200
5	17.26	352124	Aldrin	87708.07	BB	0.0199
6	17.87	207208	beta-BHC	51146.50	BB	0.0200
8	18.76	327167	delta-BHC	87441.00	VB	0.0194
9	19.48	352050	Hept. epoxide	86140.31	BB	0.0186
10	20.54	407068	gamma chlordane	94443.91	BV	0.0197
11	20.72	399709	alpha chlordane	93347.52	VB	0.0197
12	20.99	683200	4,4'-DDE	169631.22	BB	0.0410
13	23.62	36955		602.25	BB	0.0370
14	23.78	622448	Endosulfan II	148887.09	BB	0.0401
15	24.13	65841		11007.29	BB	0.0658
16	25.06	374311	Endrin aldehyde	59453.87	BB	0.0393
18	26.09	540598	Endo. sulfate	112850.45	BB	0.0404
19	27.74	682926	Endrin ketone	122721.53	BB	0.0402
21	31.75	982431	DCBP	117599.70	BB	0.0407
				6457447		1.34e6

9/1/93

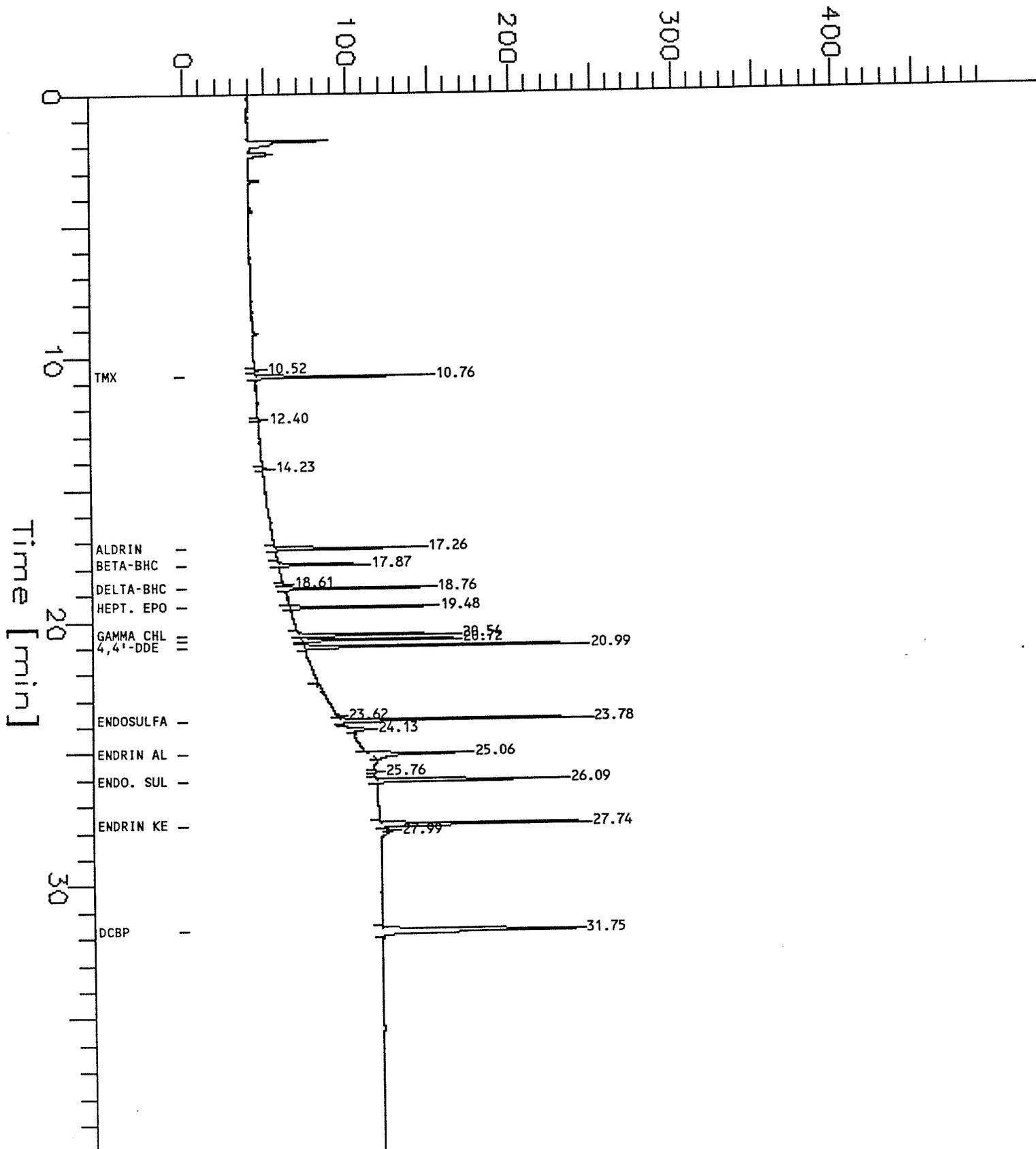
=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

5890B9 1.0ul Inj

Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9b33058.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

Sample #: INDBM03
Date : 8/25/93 09:39
Time of Injection: 8/25/93 08:10
Low Point : 0.00 mV
Plot Scale: 500 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CE
Sample Number: INDAM04
Operator :
Time : 9/1/93 14:25
Study :
  
```

```

Instrument : 970 _ _9
AutoSampler : NONE
Rack/Vial : 0/0
Channel : B A/D mV Range : 1000
  
```

```

Interface Serial # : 2135574868 Data Acquisition Time: 8/26/93 06:03
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33079.raw
Result File : f:\turbo32\khorvat\9b33079.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33B.prc
Sample File : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000
Area Reject : 20000.00
Dilution Factor : 1.00
  
```

```

=====
  
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.77	432013	TMX	107692.78	BB 0.0204
5	14.04	336290	alpha-BHC	91758.38	BV 0.0203
7	15.46	310857	gamma-BHC	83204.17	BB 0.0201
8	16.27	408772	Heptachlor	97641.59	BB 0.0197
12	20.44	336805	Endosulfan I	71986.34	BB 0.0220
13	21.62	659893	Dieldrin	160509.02	BB 0.0394
14	22.30	529795	Endrin	129302.18	BB 0.0415
15	23.49	518755	4,4'-DDD	128993.80	BB 0.0410
16	24.06	604404	4,4'-DDT	132017.75	BB 0.0402
20	25.95	1866460	Methoxychlor	383765.31	VV 0.2147
22	27.75	20957	Endrin Ketone	3990.13	BV 0.0012
23	28.00	101526		9130.14	VB 0.1015
24	31.76	972059	DCBP	117391.22	BB 0.0402
				7098585	1.51e6

shk3

```

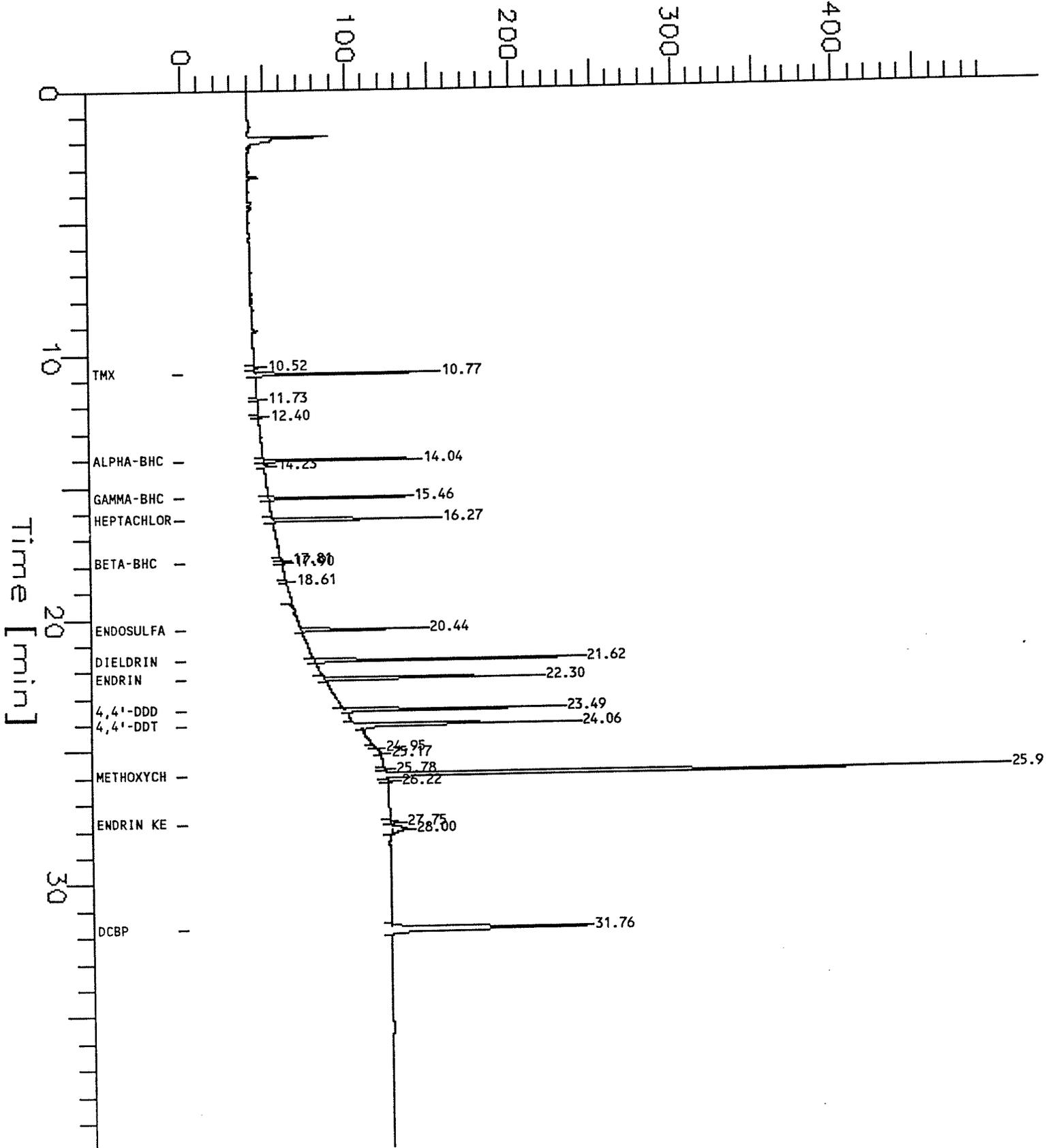
=====
5890-9 DB1701 COLUMN #163 Channel B
=====
  
```

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9b33079.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDAM04
Date : 8/26/93 12:32
Time of Injection: 8/26/93 06:03
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701

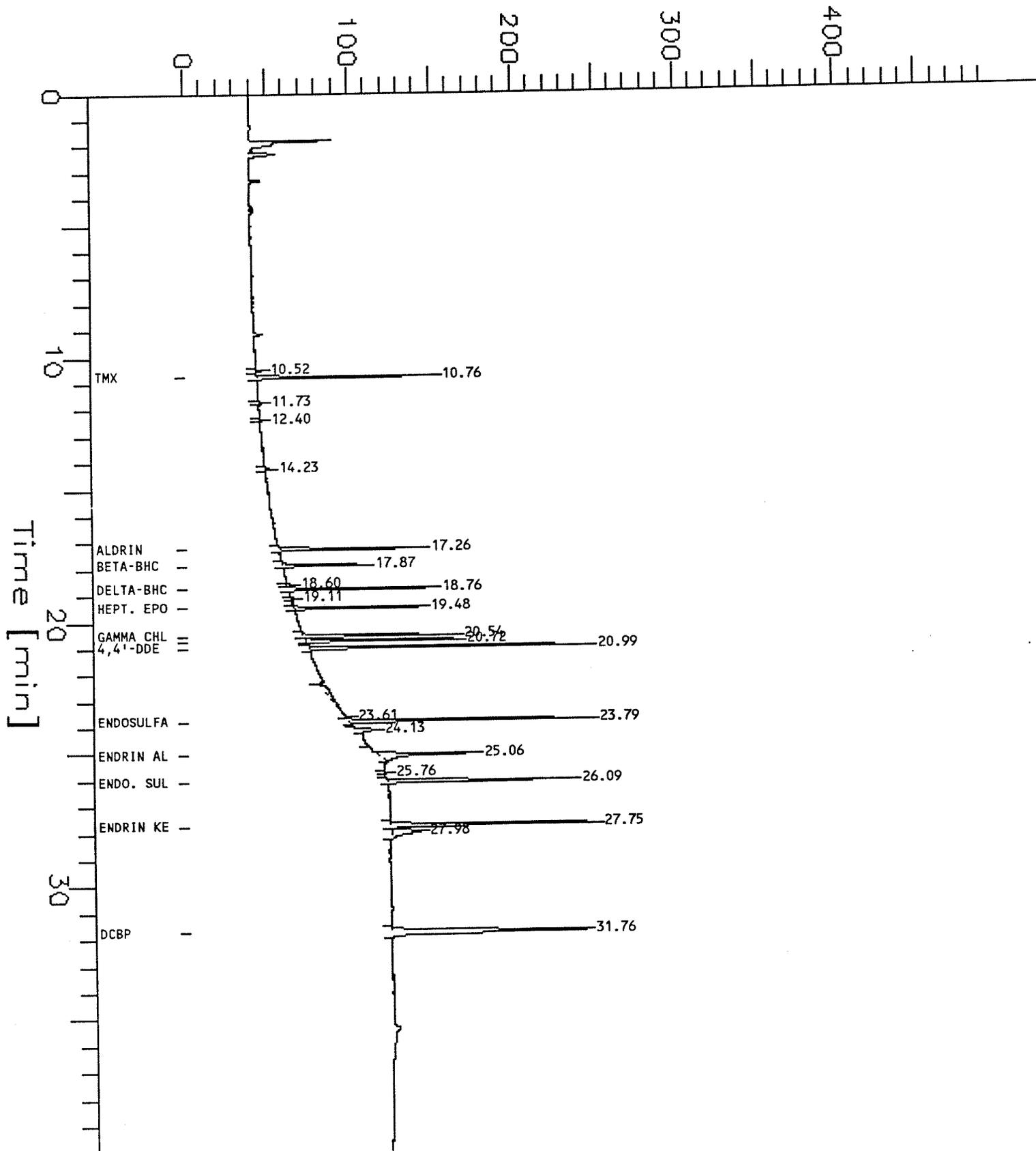


Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9b33080.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDBM04
Date : 9/7/93 15:52
Time of Injection: 8/26/93 06:49
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CE           Time       : 9/1/93  14:25
Sample Number: INDAM05        Study      :
Operator   :

Instrument  : 970_-9           Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/27/93  03:27
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
    
```

```

Raw Data File   : f:\turbo32\khorvat\9b33106.raw
Result File    : f:\turbo32\khorvat\9b33106.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33B.prc
Sample File    : f:\turbo32\khorvat\9-33BX.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume    : 1 ul           Area Reject   : 20000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB1701  COLUMN #163      Channel B
Peak Ret Time      Area          Component      Height  BL Concentration
#      [min]      [uV/sec]      Name          [uV]      ng
-----
  2    10.76      424520  TMX          105903.65  BB      0.0201
  4    14.03      333001  alpha-BHC    91239.52  BV      0.0201
  6    15.45      311013  gamma-BHC    82886.50  BB      0.0201
  7    16.26      409774  Heptachlor   96883.03  BB      0.0198
  9    20.43      302087  Endosulfan I 71858.45  BB      0.0197
 10    21.61      665349  Dieldrin     162148.75  BB      0.0397
 11    22.29      532882  Endrin       128704.69  BB      0.0417
 12    23.48      534706  4,4'-DDD    129262.31  BB      0.0423
 13    24.05      596455  4,4'-DDT    126046.13  BB      0.0396
 15    25.95      1940546  Methoxychlor 369469.31  VE      0.2232
 17    27.74      25024  Endrin ketone 4593.26  BB      0.0015
 18    31.75      976483  DCBP        116707.73  BB      0.0404
-----
                    7051840                1.48e6
    
```

9/1/93 *sk*

```

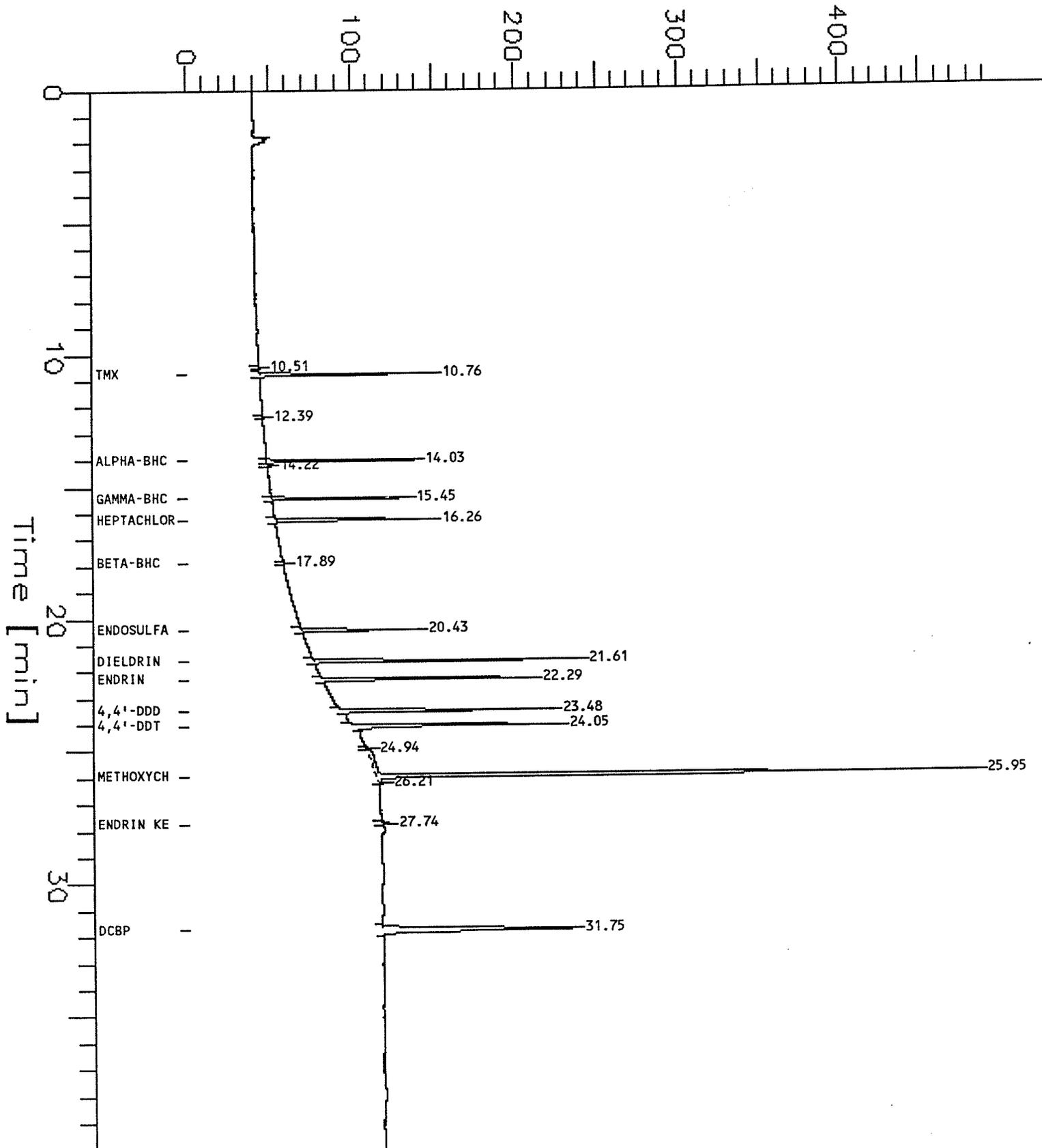
=====
                    5890-9      DB1701  COLUMN #163      Channel B
=====
    
```

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9b33106.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDAM05
Date : 8/27/93 09:52
Time of Injection: 8/27/93 03:27
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BF           Time       : 8/27/93 09:55
Sample Number: INDBM05        Study      :
Operator      :

Instrument   : 970_ -_9        Channel  : B      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0

Interface Serial # : 2135574868  Data Acquisition Time: 8/27/93 04:13
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec

Raw Data File   : f:\turbo32\khorvat\9b33107.raw
Result File     : f:\turbo32\khorvat\9b33107.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33B.prc
Sample File     : f:\turbo32\khorvat\9-33BX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq

Inj. Volume     : 1 ul          Area Reject   : 20000.00
Sample Amount   : 1.0000      Dilution Factor : 1.00
=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	10.76	416474	TMX	102924.47	BB 0.0197
3	17.26	344224	Aldrin	86427.55	BB 0.0195
4	17.87	200460	beta-BHC	50444.48	BB 0.0194
6	18.76	321104	delta-BHC	86125.70	VB 0.0198 0.0196
7	19.48	340273	Hept. epoxide	83305.02	BB 0.0180
8	20.54	397805	gamma chlordane	92097.13	BV 0.0192
9	20.72	390358	alpha chlordane	91581.17	VB 0.0192
10	20.99	689899	4,4'-DDE	169573.25	BB 0.0414
11	23.61	41870		887.74	BB 0.0419
12	23.78	613054	Endosulfan II	146666.39	BB 0.0395
13	24.12	62288	4,4'-DDT	10058.32	BB 0.0041
14	25.05	305961	Endrin aldehyde	47315.40	BB 0.0321
16	26.08	533294	Endo. sulfate	113267.57	BB 0.0398
17	27.74	670307	Endrin ketone	120823.35	BB 0.0379 0.0394
19	31.75	969749	DCBP	117315.88	BB 0.0401
6297120				1.31e6	

```

=====
8/31/93
5890-9      DB1701 COLUMN #163      Channel B
=====

```

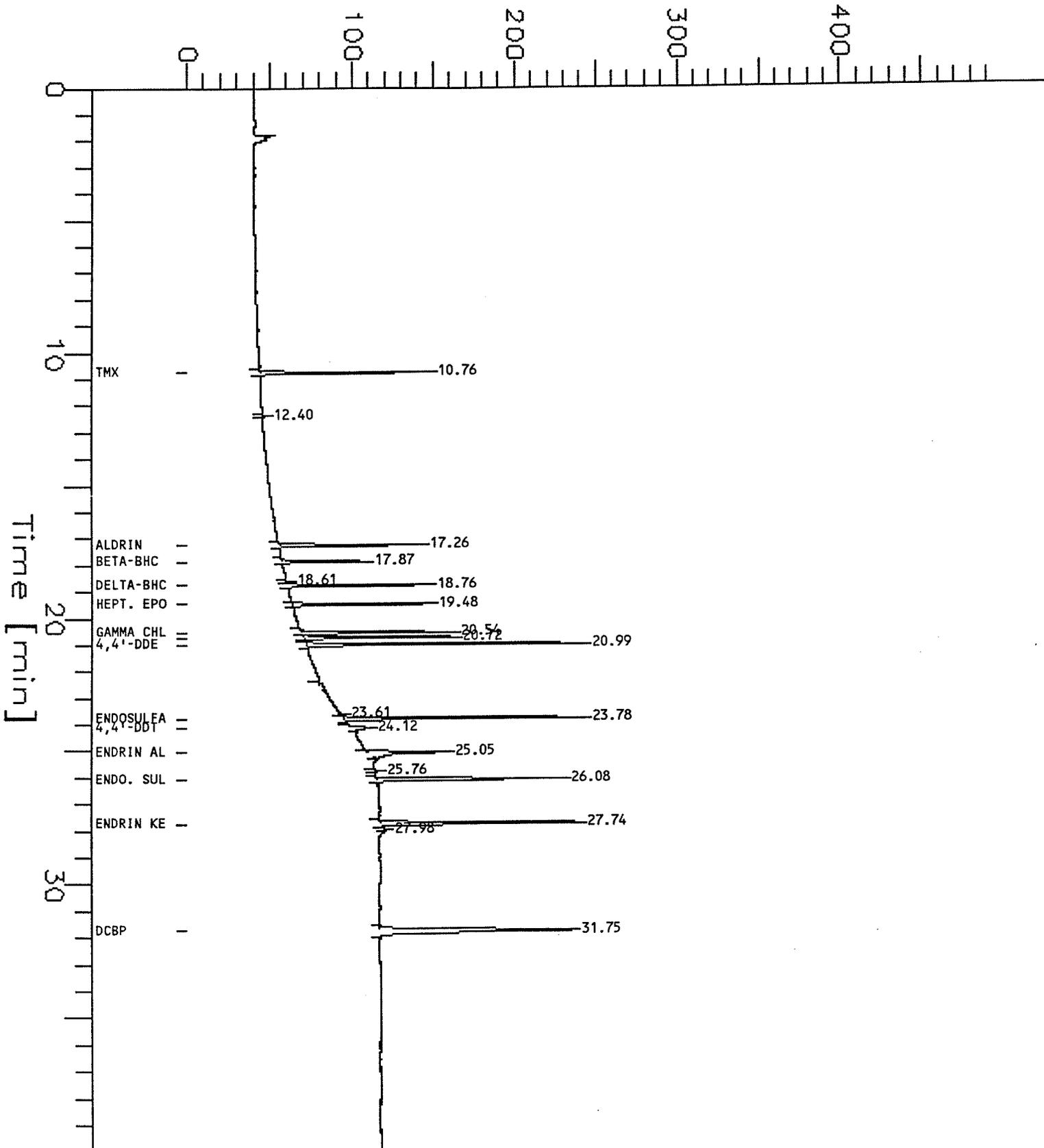
5890B9 1.0ul Inj

Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9b33107.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDBM05
Date : 8/27/93 09:55
Time of Injection: 8/27/93 04:13
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM4CE Time : 9/1/93 14:25
 Sample Number: INDAM06 Study :
 Operator :

Instrument : 970_-9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/28/93 01:00
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33131.raw
 Result File : f:\turbo32\khorvat\9b33131.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB1701 COLUMN #163 Channel B

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration
2	10.74	425658	TMX	105291.42	BB 0.0201
4	14.00	324901	alpha-BHC	88963.99	BV 0.0196
5	14.20	22428		4988.02	VB 0.0224
6	15.43	304091	gamma-BHC	80061.05	BB 0.0197
7	16.24	386674	Heptachlor	92239.52	BB 0.0186
11	19.18	59793		3879.00	VB 0.0598
12	20.41	455082	Endosulfan I	68634.60	BB 0.0297
13	21.59	628608	Dieldrin	153258.78	BB 0.0375
14	22.27	556837	Endrin	136622.47	BB 0.0436
15	23.46	480827	4,4'-DDD	121317.03	BB 0.0380
16	24.03	722500	4,4'-DDT	153568.61	BB 0.0480
17	24.92	20582		2448.10	BV 0.0206
18	25.75	134297		2885.08	VV 0.1343
19	25.92	2010226	Methoxychlor	411485.81	VE 0.2312
21	27.71	20715	Endrin ketone	3872.12	BV 0.0012
22	27.95	106617		9983.58	VB 0.1066
23	31.71	965986	DCBP	117168.20	BB 0.0400
				7625821	1.55e6

9/1/93 JK

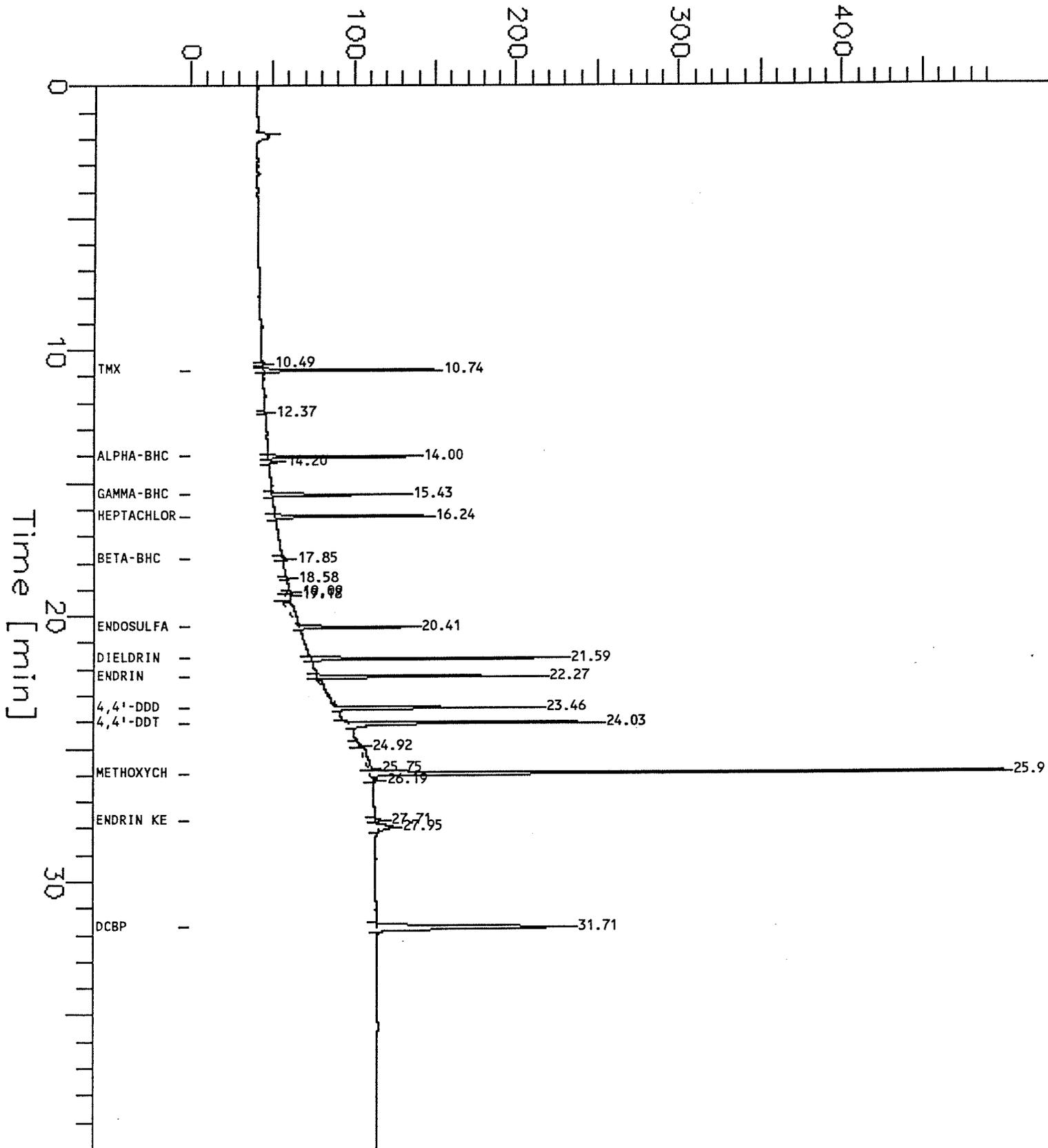
=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

5890B9 1.0ul Inj

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9b33131.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

Sample #: INDAM06
Date : 08/30/93 10:32
Time of Injection: 08/28/93 01:00
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV
End Time : 40.00 min
Plot Offset: 0 mV

DB1701



=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM5BF Time : 08/30/93 10:33
 Sample Number: INDBM06 Study :
 Operator :

Instrument : 970 -_9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/28/93 01:45
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33132.raw
 Result File : f:\turbo32\khorvat\9b33132.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB1701 COLUMN #163 Channel B

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.75	419967	TMX	103350.13	BB 0.0199
4	17.24	351644	Aldrin	87382.77	BB 0.0199
5	17.85	204049	beta-BHC	51411.88	BB 0.0197
7	18.74	327664	delta-BHC	86834.02	VB 0.0194 0.0200
8	19.45	360906	Hept. epoxide	87722.45	BB 0.0191
9	20.52	407238	gamma chlordane	94146.34	BV 0.0197
10	20.70	400623	alpha chlordane	94017.17	VB 0.0197
11	20.97	691553	4,4'-DDE	168904.97	BB 0.0415
13	23.76	626242	Endosulfan II	149364.06	BB 0.0403
14	24.11	91331	4,4'-DDT	13911.20	BB 0.0061
15	25.03	353241	Endrin aldehyde	54442.74	BB 0.0370
17	26.06	542225	Endo. sulfate	115249.59	BB 0.0405
18	27.71	686690	Endrin ketone	123718.75	BB 0.0388 0.0404
20	31.72	989344	DCBP	117815.48	BB 0.0409
				6452717	1.34e6

=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

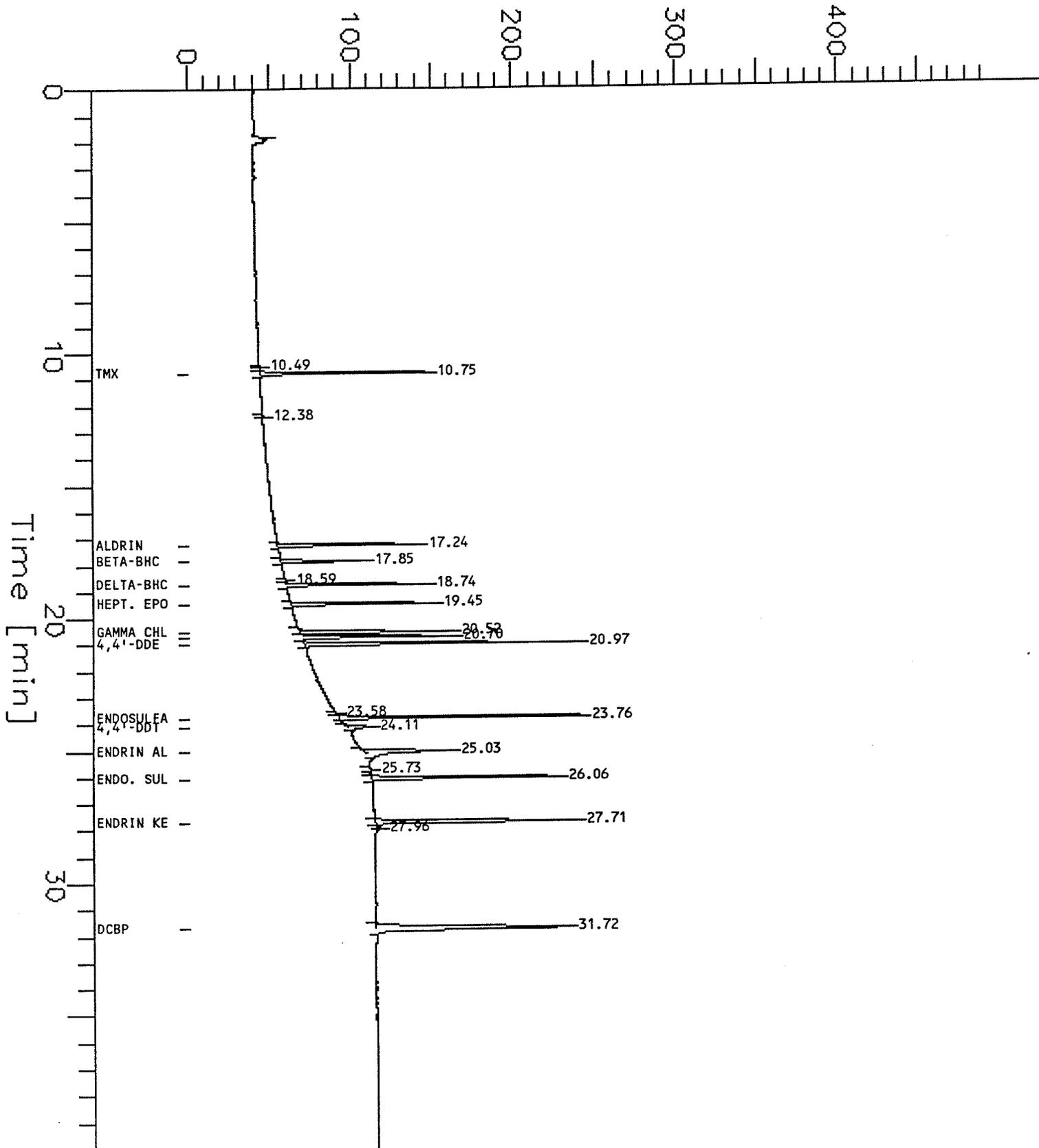
Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9b33132.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDBM06
Date : 08/30/93 10:33
Time of Injection: 08/28/93 01:45
Low Point : 0.00 mV
Plot Scale: 500 mV

Page 1 of 1
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CE          Time      : 9/1/93  14:26
Sample Number: INDAM07       Study     :
Operator      :

Instrument   : 970_-9         Channel  : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/28/93  22:23
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9b33159.raw
Result File   : f:\turbo32\khorvat\9b33159.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume   : 1 ul          Area Reject : 20000.00
Sample Amount : 1.0000       Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
Peak Ret Time      Area          Component          Height   BL Concentration
# [min] [uV/sec]      Name              [uV]     ng
-----
  2  10.76      423859 TMX              104872.74 BB      0.0201
  4  14.02      330489 alpha-BHC         90235.47 BV      0.0200
  6  15.44      306484 gamma-BHC        80735.45 BB      0.0198
  7  16.26      399794 Heptachlor       95928.29 BB      0.0193
 10  20.42      320360 Endosulfan I     71098.31 BB      0.0209
 11  21.60      658695 Dieldrin        161519.03 BB      0.0393
 12  22.29      529484 Endrin             129177.91 BB      0.0414
 13  23.47      558887 4,4'-DDD       136174.77 BB      0.0442
 14  24.04      546864 4,4'-DDT       116928.42 BB      0.0364
 16  25.94      1718664 Methoxychlor     358546.88 BV      0.1977
 18  27.73      24853 Endrin ketone    4673.13 BB      0.0015
 20  31.74      975369 DCBP           117466.83 BB      0.0404
-----
                    6793800                1.46e6
    
```

9/1/93

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
=====
    
```

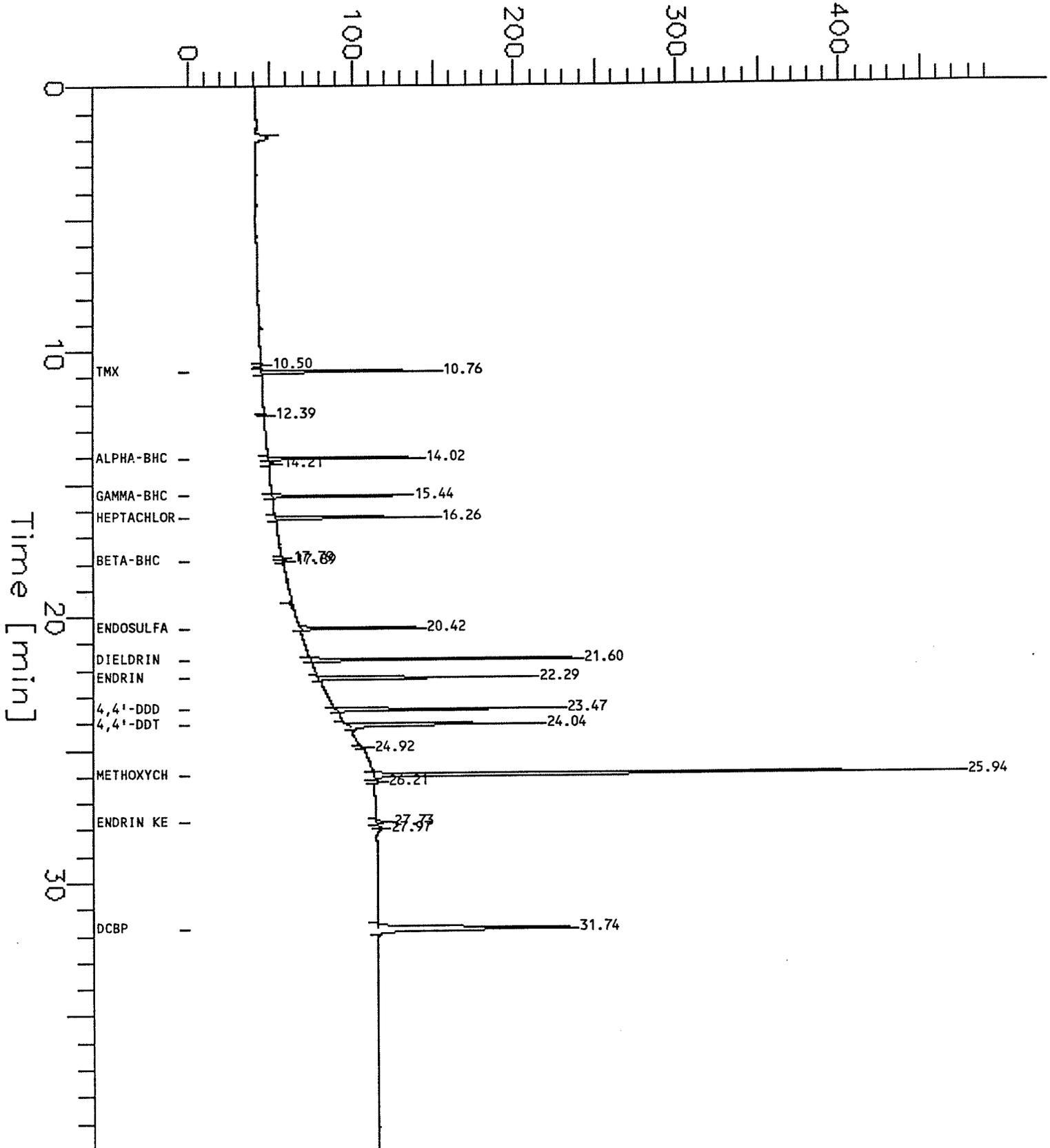
Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9b33159.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDAM07
Date : 08/30/93 11:00
Time of Injection: 08/28/93 22:23
Low Point : 0.00 mV
Plot Scale: 500 mV

Page 1 of 1
High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BF           Time       : 08/30/93 11:01
Sample Number: INDBM07        Study      :
Operator   :

Instrument  : 970_-_9          Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/28/93 23:08
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
    
```

```

Raw Data File : f:\turbo32\khorvat\9b33160.raw
Result File   : f:\turbo32\khorvat\9b33160.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume   : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
    
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration
2	10.76	419722	TMX	104566.49	BB 0.0199
5	17.25	342222	Aldrin	85401.09	BB 0.0194
6	17.86	197798	beta-BHC	49852.35	BB 0.0191
7	18.75	318800	delta-BHC	86038.25	BB 0.0189 0.0194
8	19.47	361391	Hept. epoxide	87917.38	BB 0.0191
9	20.53	395141	gamma chlordane	91763.95	BV 0.0191
10	20.71	389223	alpha chlordane	92077.13	VB 0.0191
11	20.98	676119	4,4'-DDE	165884.17	BB 0.0406
13	23.77	615230	Endosulfan II	146185.67	BB 0.0396
14	24.12	59341	4,4'-DDT	9127.56	BB 0.0039
15	25.04	340790	Endrin aldehyde	53797.89	BB 0.0357
16	26.07	536630	Endo. sulfate	112881.77	BB 0.0401
17	27.73	663883	Endrin ketone	120185.58	BB 0.0375 0.0390
18	31.74	969901	DCBP	117037.29	BB 0.0401
6286191				1.32e6	

```

=====
                        8/30/93  95
=====
5890-9      DB1701 COLUMN #163      Channel B
=====
    
```

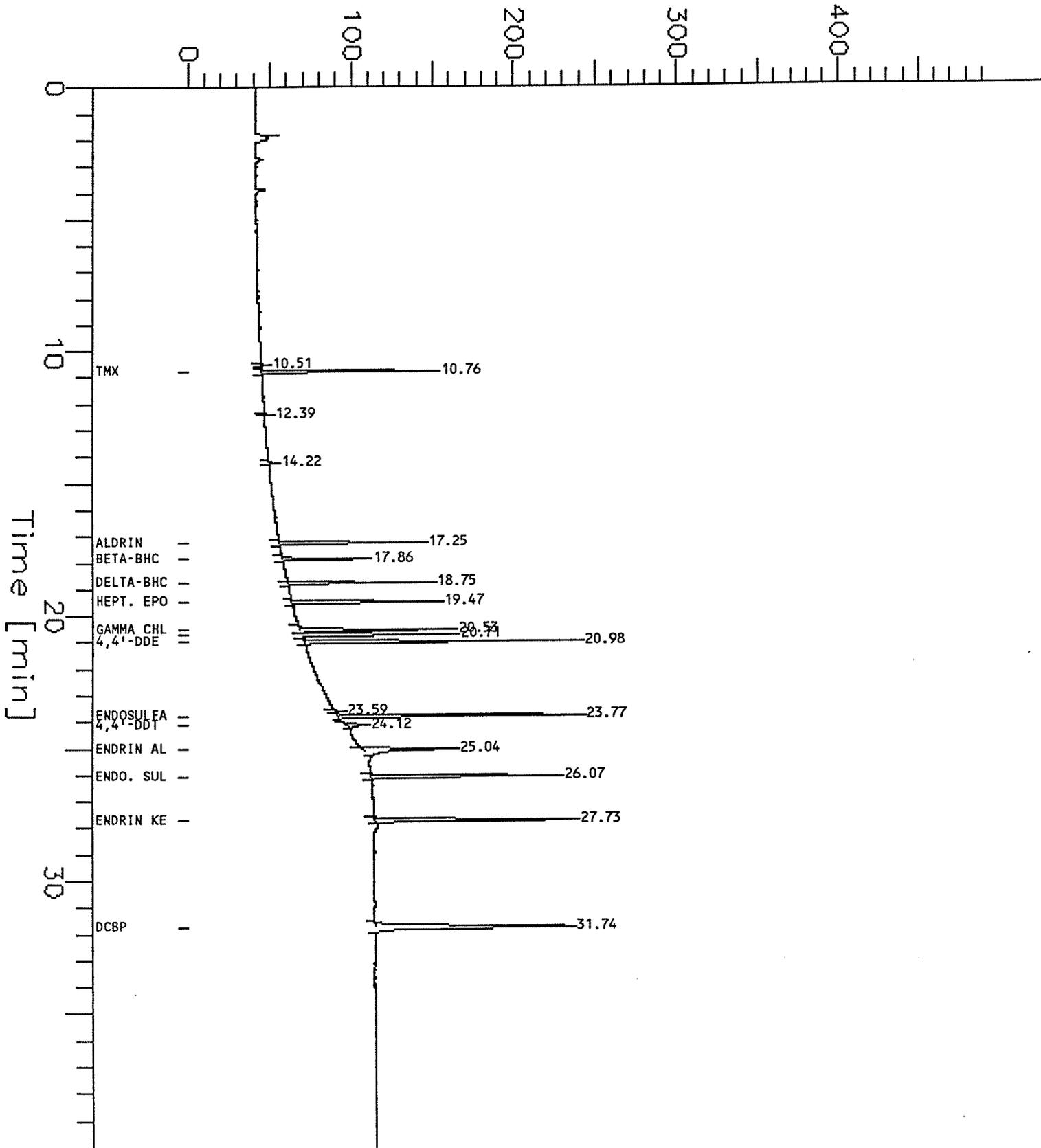
Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9b33160.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDBM07
Date : 08/30/93 11:01
Time of Injection: 08/28/93 23:08
Low Point : 0.00 mV
Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM4CE           Time      : 9/1/93  14:26
Sample Number: INDAM08        Study     :
Operator      :

Instrument   : 970_9           Channel  : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/30/93  23:31
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33188.raw
Result File   : f:\turbo32\khorvat\9b33188.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

=====

			5890-9	DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	10.74	430552	TMX	105899.05	BB	0.0204
3	13.99	339959	alpha-BHC	92846.90	BB	0.0205
4	15.41	318814	gamma-BHC	84718.59	BB	0.0206
5	16.23	416760	Heptachlor	98475.89	BB	0.0201
8	20.40	312864	Endosulfan I	75500.23	BB	0.0204
9	21.57	688351	Dieldrin	166467.00	BB	0.0411
10	22.26	537898	Endrin	129821.49	BB	0.0421
11	23.45	548011	4,4'-DDD	129075.54	BB	0.0433
12	24.02	609250	4,4'-DDT	125212.16	BB	0.0405
15	25.91	1779807	Methoxychlor	358231.56	BE	0.2047
17	27.68	32236	Endrin ketone	5815.99	BB	0.0019
18	31.69	995649	DCBP	117111.94	BB	0.0442 0.0407
				7010149		1.48e6

9/1/93

```

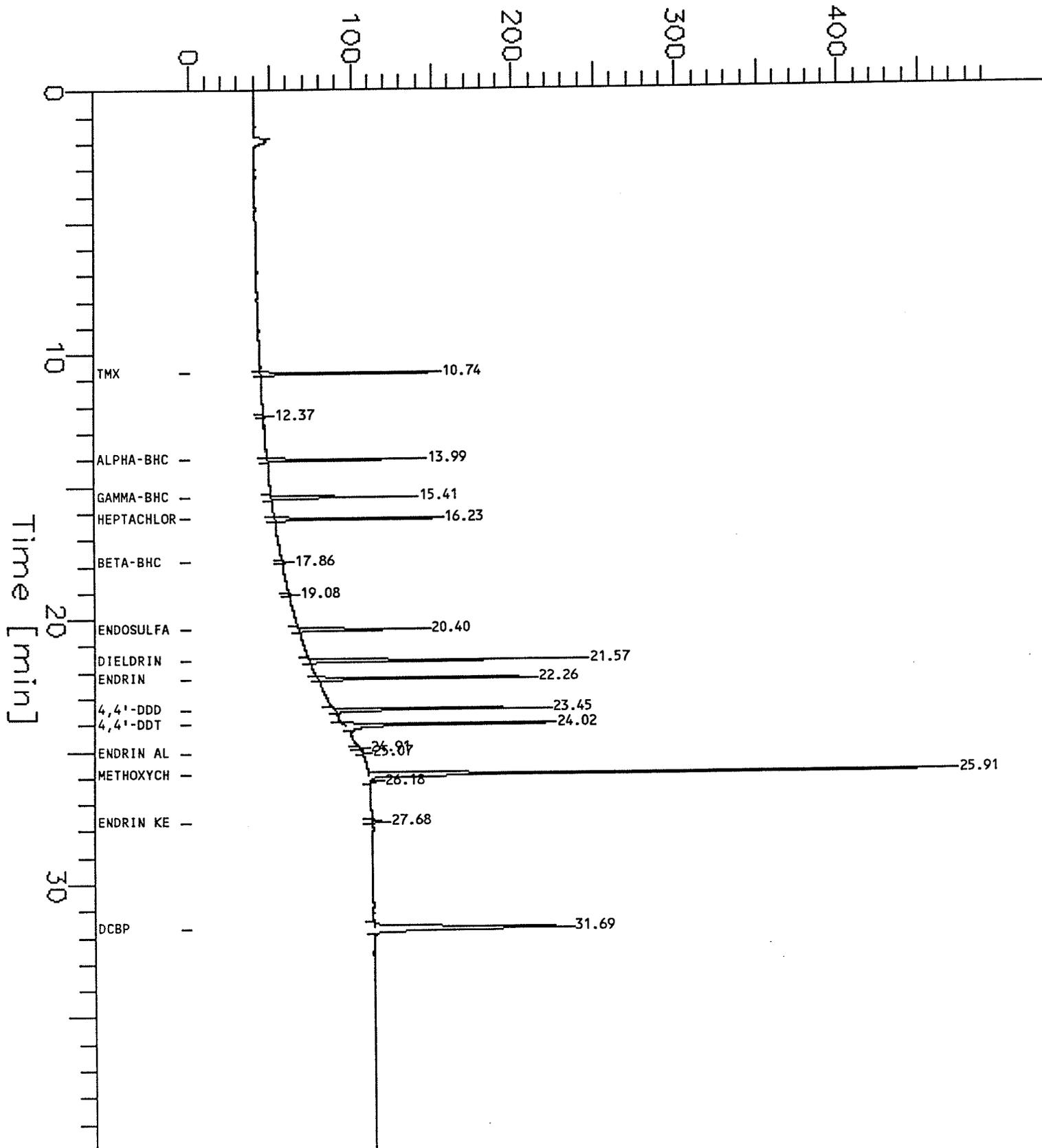
=====
5890-9      DB1701 COLUMN #163      Channel B
=====
  
```

5890B9 1.0ul Inj

Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9b33188.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

Sample #: INDAM08
Date : 08/31/93 07:58
Time of Injection: 08/30/93 23:31
Low Point : 0.00 mV
Plot Scale: 500 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BF           Time       : 9/1/93  14:26
Sample Number: INDBM08        Study      :
Operator   :

Instrument  : 970_-9           Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/31/93 12:47 00:17 med 9/1/93
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33189.raw
Result File   : f:\turbo32\khorvat\9b33189.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000      Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	10.74	419828	TMX	102055.95	BB 0.0199
4	17.22	352890	Aldrin	87901.70	BB 0.0200
5	17.83	201645	beta-BHC	51163.35	BB 0.0195
6	18.72	325117	delta-BHC	86594.96	BB 0.0193 0.0198
7	19.44	373299	Hept. epoxide	89948.75	BB 0.0197
8	20.50	408326	gamma chlordane	94674.65	BV 0.0197
9	20.69	401621	alpha chlordane	93189.59	VB 0.0197
10	20.95	679730	4,4'-DDE	164285.53	BB 0.0408
12	23.74	624441	Endosulfan II	146960.33	BB 0.0402
13	24.10	79571	4,4'-DDT	10679.57	BB 0.0053
14	25.01	337307	Endrin aldehyde	51681.61	BB 0.0354
16	26.04	537511	Endo. sulfate	112400.67	BB 0.0402
17	27.68	675120	Endrin ketone	121103.33	BB 0.0398
18	31.68	983879	DCBP	115651.29	BB 0.0407
				6400285	1.32e6

```

=====
9/1/93
=====
5890-9      DB1701 COLUMN #163      Channel B
=====

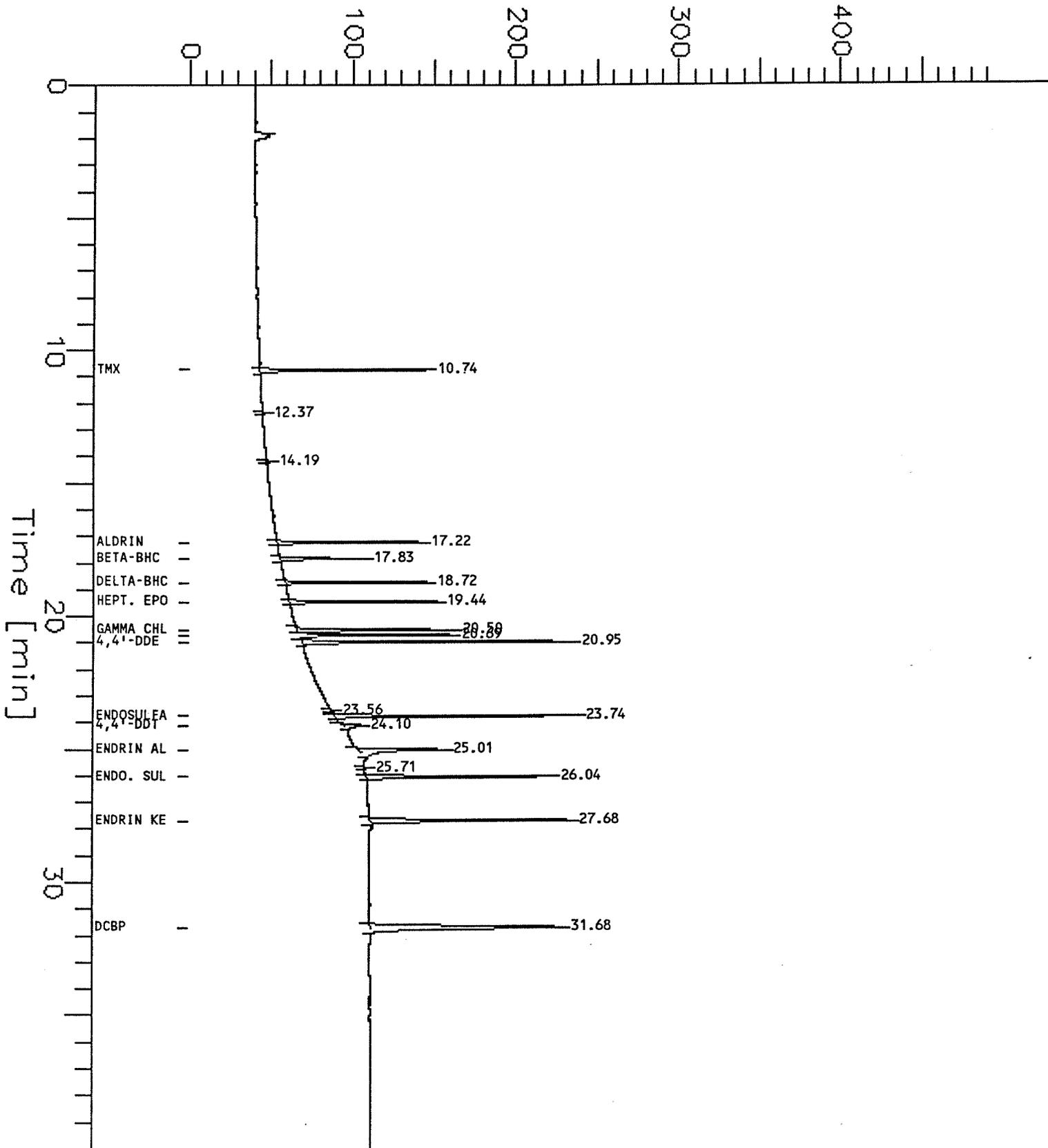
```

Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9b33189.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDBM08
Date : 08/31/93 07:59
Time of Injection: 08/31/93 (42:17) 0017 *med 9/7/93*
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701

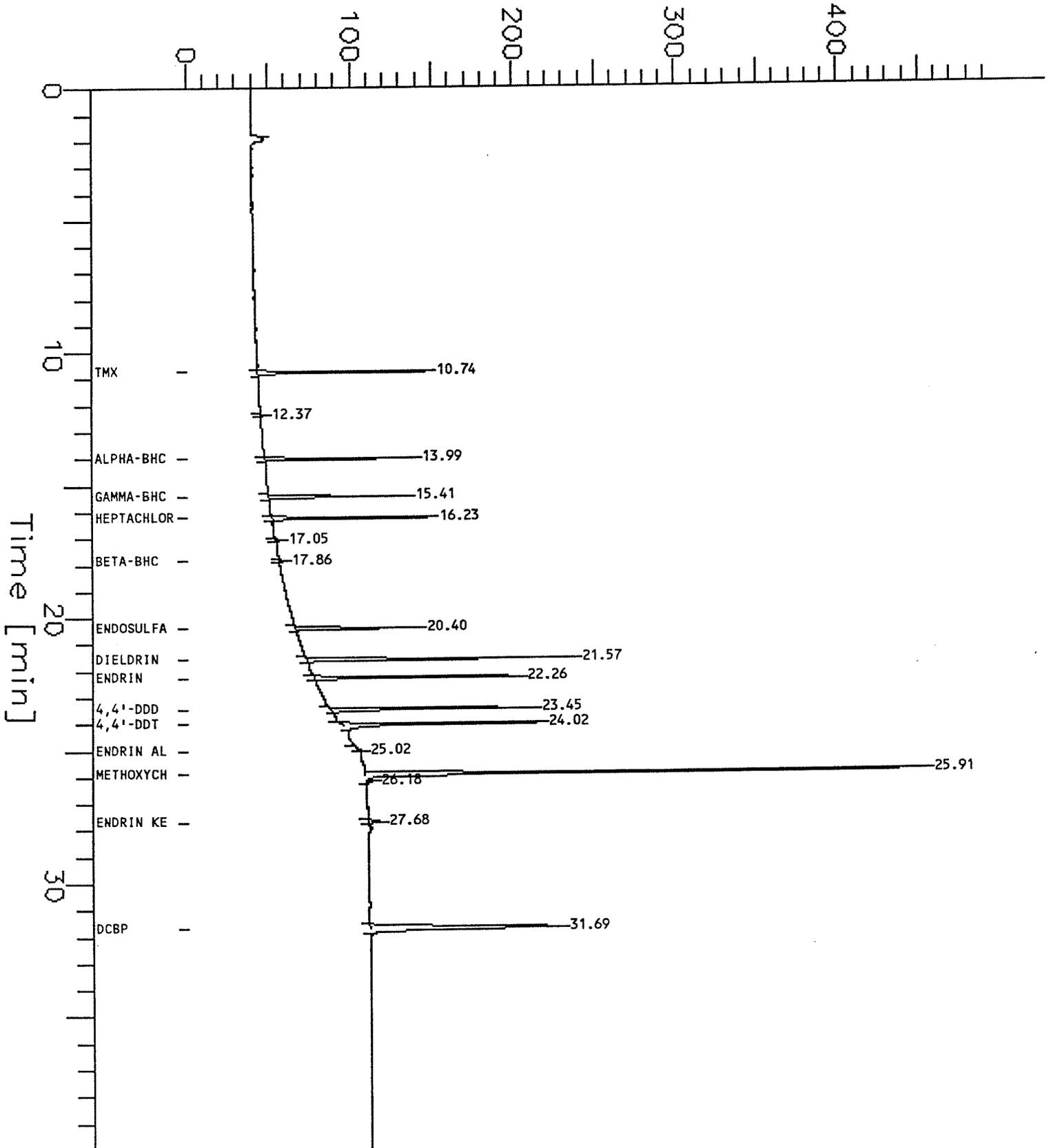


Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9b33216.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset : 0 mV

Sample #: INDAM09
Date : 09/01/93 08:24
Time of Injection: 08/31/93 20:56
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



0701

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BF           Time       : 9/1/93  14:26
Sample Number: INDBM09        Study      :
Operator   :
Instrument  : 970_ _9          Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/31/93  21:42
Delay Time       : 0.00  min.
End Time        : 40.00  min.
Sampling Rate    : 2.9412  pts/sec

```

```

Raw Data File   : f:\turbo32\khorvat\9b33217.raw
Result File     : f:\turbo32\khorvat\9b33217.rst
Instrument File  : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33B.prc
Sample File     : f:\turbo32\khorvat\9-33BX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume    : 1 ul           Area Reject   : 20000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00

```

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	10.74	414523	TMX	100778.94	0.0196
4	17.23	352081	Aldrin	87783.90	0.0199
5	17.83	199693	beta-BHC	49849.24	0.0193
6	18.72	321111	delta-BHC	85017.08	0.0196
7	19.44	370280	Hept. epoxide	88986.88	0.0196
8	20.51	407216	gamma chlordane	93238.87	0.0197
9	20.69	400769	alpha chlordane	94074.96	0.0197
10	20.95	666768	4,4'-DDE	160298.44	0.0400
12	23.75	622064	Endosulfan II	146854.03	0.0400
13	24.10	72549	4,4'-DDT	9822.69	0.0048
14	25.02	366727	Endrin aldehyde	55705.71	0.0385
15	26.04	533654	Endo. sulfate	110979.23	0.0399
16	27.69	669419	Endrin ketone	119794.55	0.0394
17	31.70	972997	DCBP	114402.22	0.0403
6369851				1.31e6	

8/1/93 12

```

=====
5890-9          DB1701 COLUMN #163      Channel B
=====

```

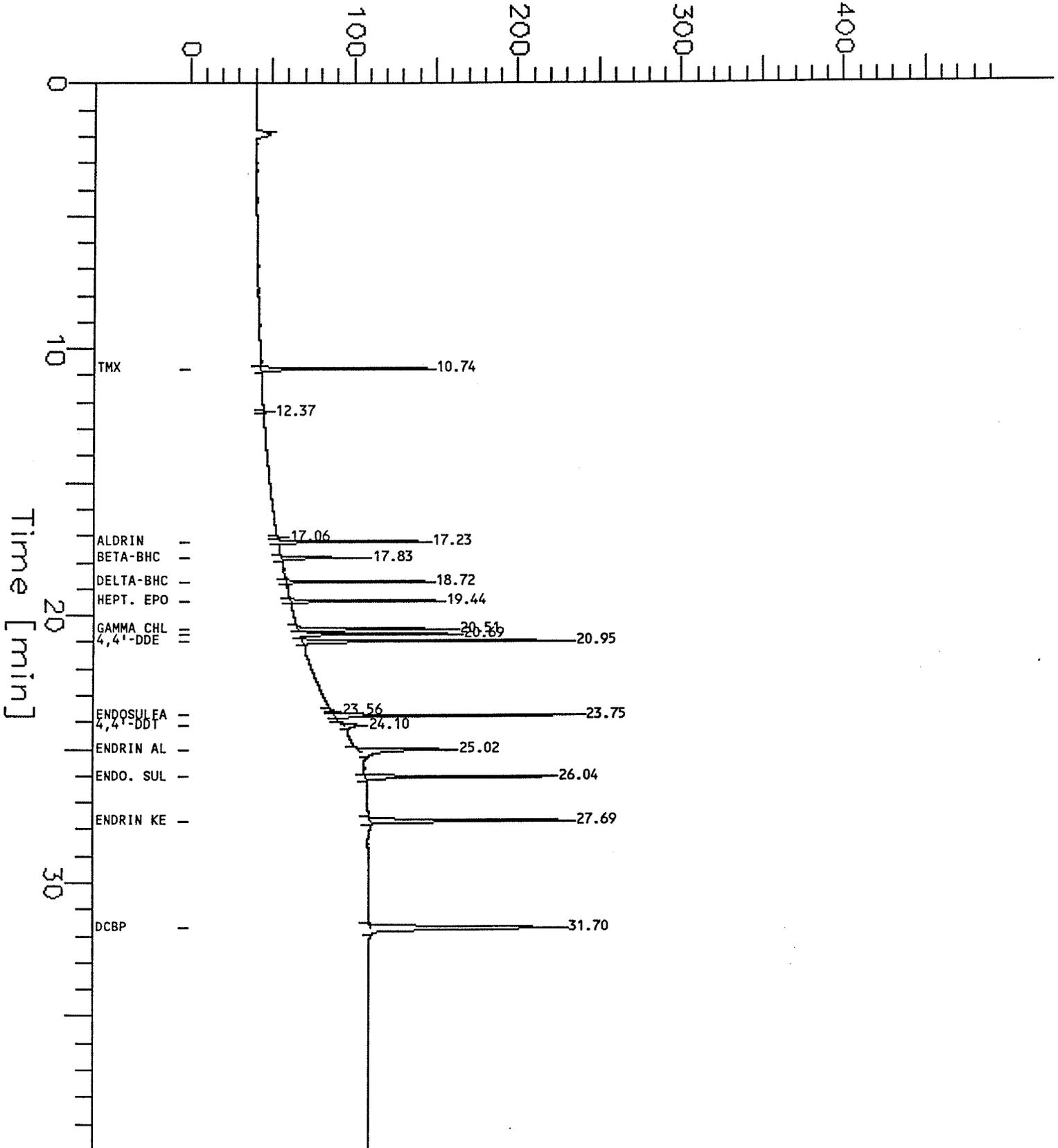
Sample Name : ICM5BF
FileName : f:\turbo32\khorvat\9b33217.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDBM09
Date : 09/01/93 08:25
Time of Injection: 08/31/93 21:42
Low Point : 0.00 mV
Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM4CE Time : 09/01/93 20:53
 Sample Number: INDAM10 Study :
 Operator :

Instrument : 970_-9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 09/01/93 17:34
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33243.raw
 Result File : f:\turbo32\khorvat\9b33243.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

		5890-9	DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	10.74	432836	TMX	107159.88	BB 0.0205
3	13.99	339603	alpha-BHC	93415.28	BB 0.0205
4	15.41	316342	gamma-BHC	84305.31	BB 0.0205
5	16.23	410181	Heptachlor	97556.01	BB 0.0198
8	20.40	364731	Endosulfan I	72860.78	BB 0.0238
9	21.57	678827	Dieldrin	165521.73	BB 0.0405
10	22.26	531179	Endrin	128440.55	BB 0.0416
11	23.44	572453	4,4'-DDD	138598.33	BB 0.0453
12	24.02	588547	4,4'-DDT	119797.96	BB 0.0391
14	25.74	129202		2348.67	VV 0.1292
15	25.90	1746217	Methoxychlor	353471.56	VE 0.2008
17	27.68	33801	Endrin ketone	6239.28	BB 0.0020
19	31.69	992823	DCBP	118182.59	BB 0.0411
		7136742		1.48e6	

8/7/93 a

=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

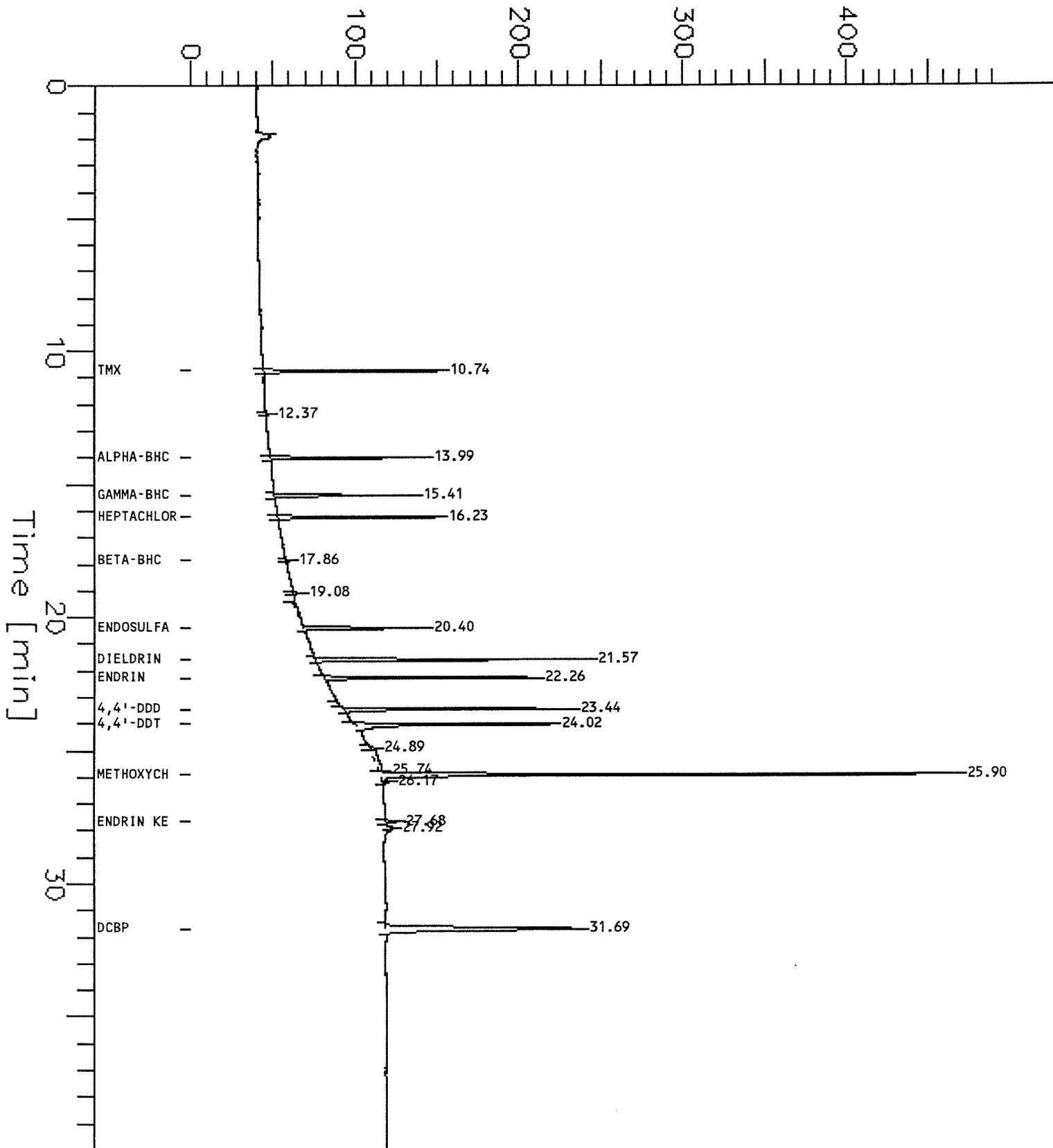
Sample Name : ICM4CE
FileName : f:\turbo32\khorvat\9b33243.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: INDAM10
Date : 09/01/93 20:53
Time of Injection: 09/01/93 17:34
Low Point : 0.00 mV
Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM5BF           Time       : 09/01/93  22:28
Sample Number: INDBM10        Study      :
Operator      :

Instrument   : 970 -_9         Channel  : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 09/01/93  20:34
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9b33244.raw
Result File     : f:\turbo32\khorvat\9b33244.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33B.prc
Sample File     : f:\turbo32\khorvat\9-33BX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume     : 1 ul           Area Reject    : 20000.00
Sample Amount   : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
Peak Ret Time      Area          Component          Height   BL Concentration
# [min] [uV/sec]      Name              [uV]     ng
-----
  1  10.75      412056  TMX                102053.66 BB      0.0195
  4  17.24      337229  Aldrin             84994.75 BB      0.0191
  5  17.84      197284  beta-BHC           49915.37 BB      0.0191
  6  18.74      318470  delta-BHC          85955.57 BB      0.0189
  8  19.46      345691  Hept. epoxide     83487.55 BB      0.0183
  9  20.52      392760  gamma chlordane   91345.28 BV      0.0190
 10  20.70      387272  alpha chlordane   91403.40 VB      0.0190
 11  20.97      678020  4,4'-DDE          168906.50 BB      0.0407
 12  23.57         51016                          2706.87 BB      0.0510
 13  23.76      659746  Endosulfan II     150208.81 BE      0.0425
 14  24.05      127603  4,4'-DDT          13216.08 EB      0.0085
 15  25.03      359340  Endrin aldehyde   55276.82 BB      0.0377
 16  26.05      524187  Endo. sulfate     110988.14 BB      0.0392
 17  27.71      660132  Endrin ketone     119692.25 BB      0.0389
 19  31.73      955687  DCBP              114436.91 BB      0.0396
-----
                    6406492                1.32e6
  
```

9.783 *OL*

```

=====
                    5890-9      DB1701 COLUMN #163      Channel B
  
```

Sample Name : ICM5BF

FileName : f:\turbo32\khorvat\9b33244.raw

Method : 9-33D.ins

Start Time : 0.00 min

Scale Factor: 0

End Time : 40.00 min

Plot Offset: 0 mV

Sample #: INDBM10

Date : 09/01/93 22:28

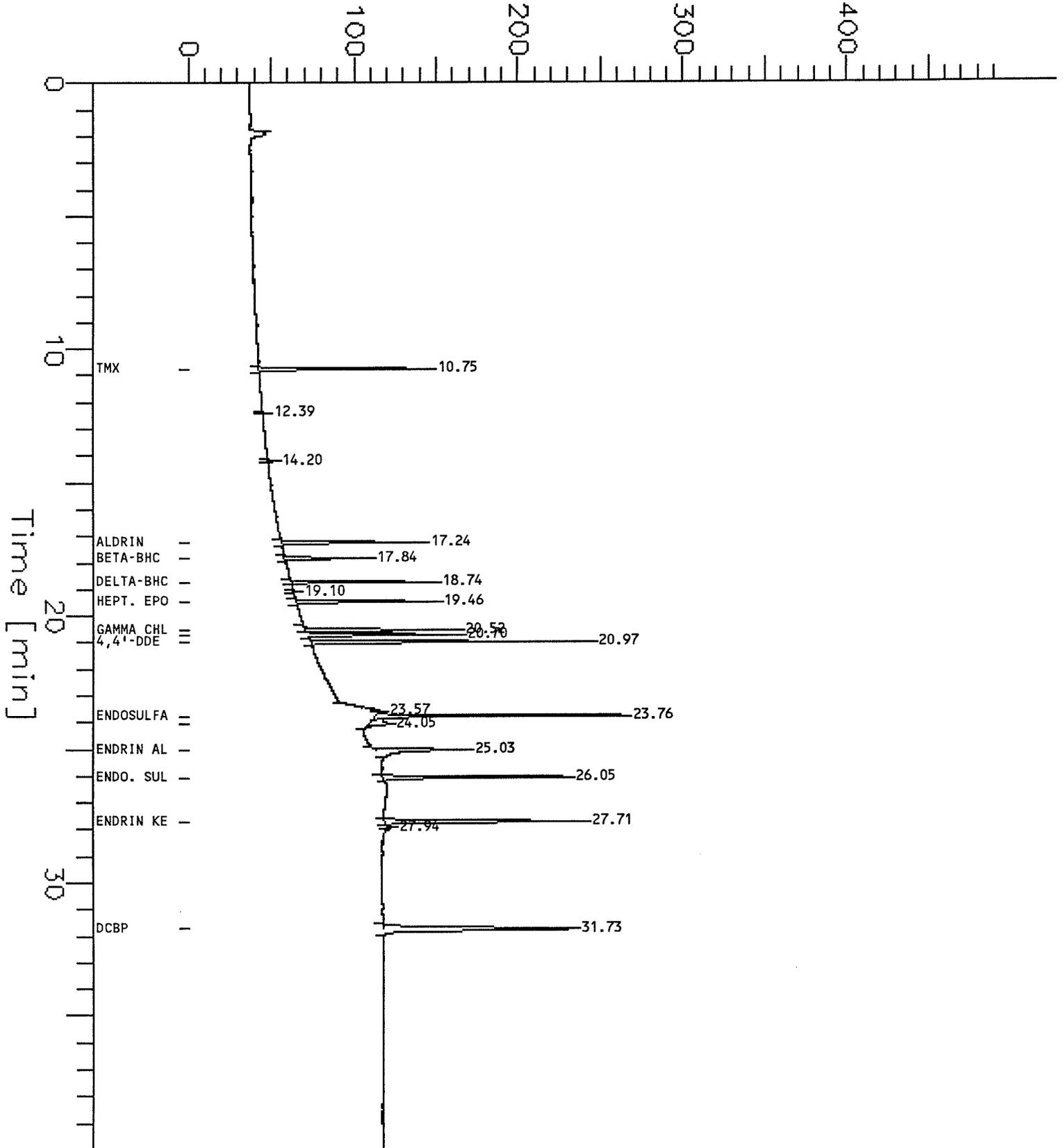
Time of Injection: 09/01/93 20:34

Low Point : 0.00 mV

Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM1DB           Time       : 09/07/93 09:29
Sample Number: PEM12          Study      :
Operator    :

Instrument   : 970_-_9         Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
    
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 09/02/93 04:58
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
    
```

```

Raw Data File   : f:\turbo32\khorvat\9b33255.raw
Result File     : f:\turbo32\khorvat\9b33255.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33B.prc
Sample File     : f:\turbo32\khorvat\9-33BX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
    
```

```

Inj. Volume    : 1 ul           Area Reject   : 20000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
    
```

```

=====
                    5890-9      DB1701  COLUMN #163      Channel B
Peak Ret Time      Area          Component      Height  BL  Concentration
#      [min]      [uV/sec]      Name          [uV]    Concentration
ng
-----
  1    10.77      313542  TMX           76554.07 BB    0.0148
  3    14.02      118152  alpha-BHC     31729.40 BB    0.0071
  4    15.44      118492  gamma-BHC     31097.34 BB    0.0077
  5    17.85       83790  beta-BHC      20971.80 BB    0.0081
  6    18.59       26688                6364.33 BB    0.0267
  7    19.11      150208                19457.91 BB    0.1502
  8    20.76      241293  alpha-chlordane 702.00 BB    0.0119
  9    22.29      567824  Endrin        133893.05 BB    0.0444
 11    23.47       88462  4,4'-DDD     20659.93 BV    0.0070
 13    24.04     1150886  4,4'-DDT     263066.31 BB    0.0765
 15    24.93       23112                3332.61 BV    0.0231
 18    25.93     1785261  Methoxychlor  370485.19 VV    0.2053
 20    27.72       24366  Endrin ketone  4842.69 BV    0.0014
 21    27.95       576298                47542.36 VB    0.5763
 22    31.74       360481  DCBP          44484.43 BB    0.0149
-----
                    5628854          1.07e6
    
```

9/7/93

```

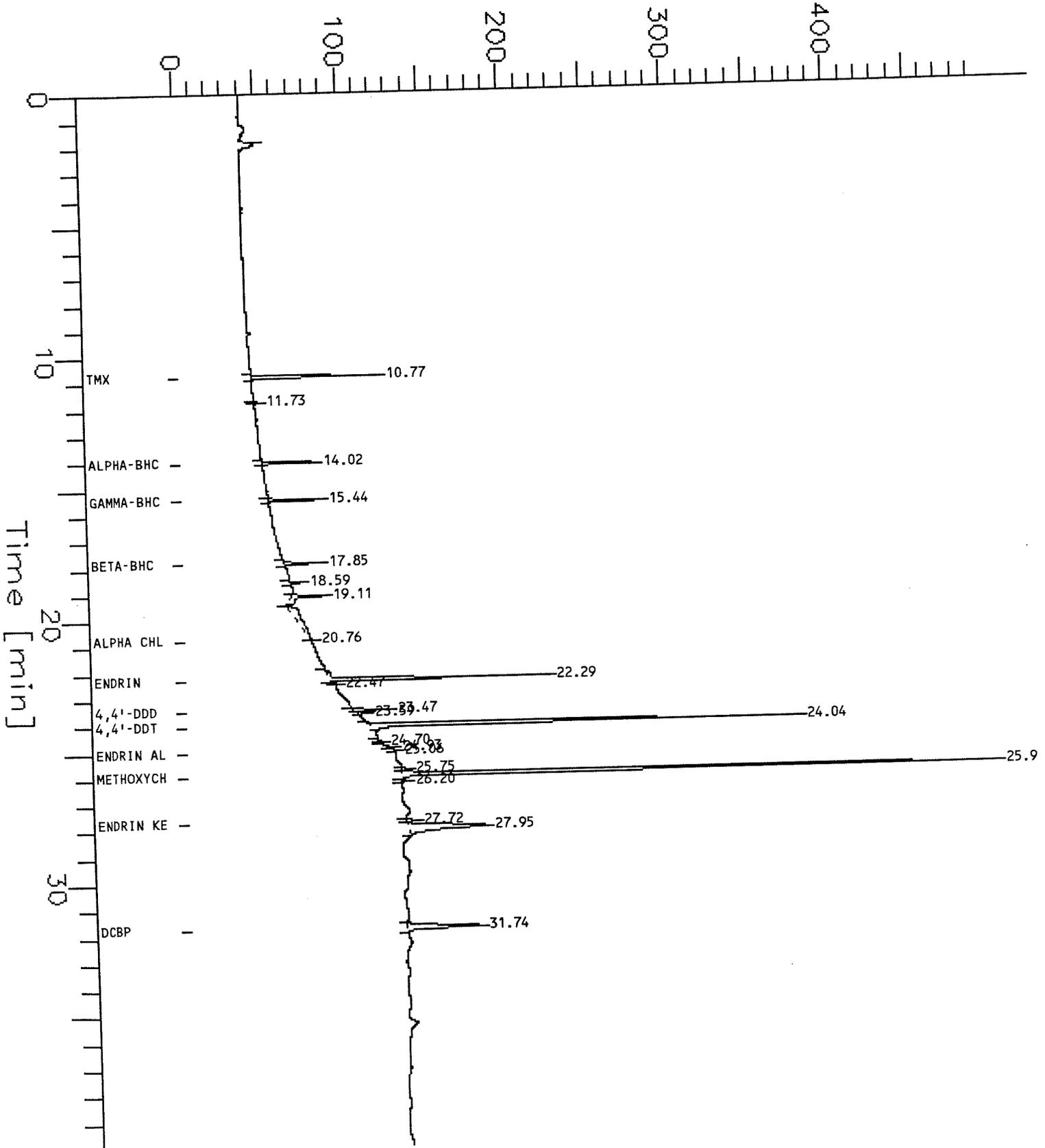
=====
                    5890-9      DB1701  COLUMN #163      Channel B
=====
    
```

Sample Name : ICM1DB
FileName : f:\turbo32\khorvat\9b33255.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PEM12
Date : 09/07/93 09:29
Time of Injection: 09/02/93 04:58
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



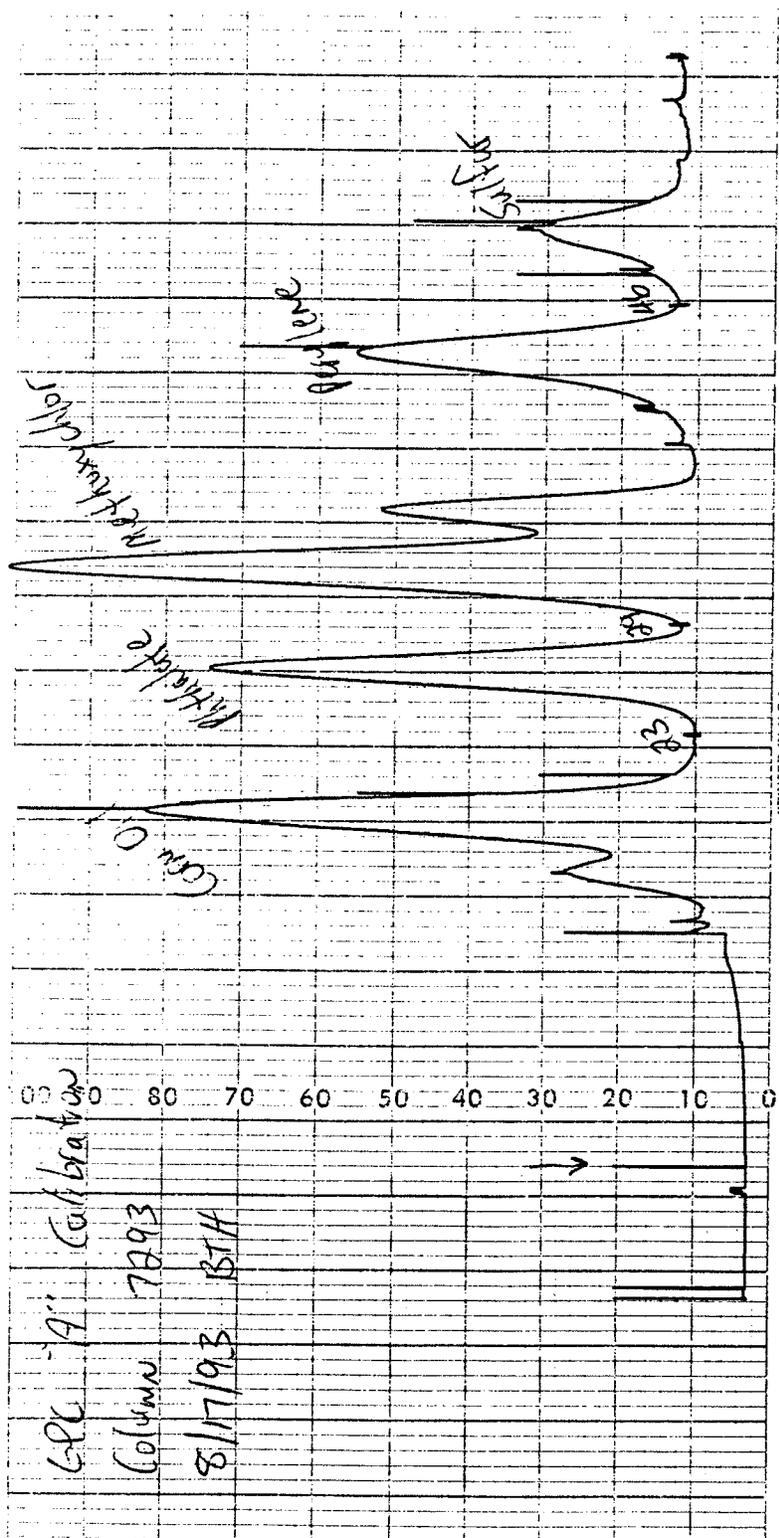
GPC A Logbook

Calibration Date: 8/17/93

Date	Tech	Job #	Loop #	Sample Identification	Analysis	Comments
8/19/83	BTH	—	1	BN/AP BLANK	BN/AP	Calibration check
↓	↓	↓	2	Rest/PCB BLANK	Rest/PCB	↓
↓	↓	↓	3	2ml SP20 7/21/93 BTH	↓	↓
↓	↓	↓	4	GPC check soln 4/13/93 BSP	↓	↓
			5			
			6			
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			
			21			
			22			
			23			

MeCl2 Lot#: BE934 Reviewed By: _____
 Date: _____

Comments: Rest Volume collected: 89 ml
BNH Volume collected: 120 ml



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=====
 Software Version: 3.2 <10J29>
 Sample Name : GPC Blank Time : 8/23/93 08:22
 Sample Number: A_08-19-93 Study :
 Operator :

Instrument : 970 _ 9 Channel : A A/D mV Range : 1000
 Amplifier : NONE
 Reaction : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/20/93 15:15
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a32232.raw
 Result File : f:\turbo32\khorvat\9a32232.rst
 Instrument File: f:\turbo32\khorvat\9-32D.ins
 Process File : f:\turbo32\khorvat\9-32a.prc
 Sample File : f:\turbo32\khorvat\9-32AX.smp
 Sequence File : f:\turbo32\khorvat\9-32.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

		5890-9	DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	22.78	73678		6569.40	0.0737
		73678		6569.40	

=====
 5890-9 DB608 COLUMN #152 Channel A
 =====

(

(

5890A9

1.0ul Inj

0712

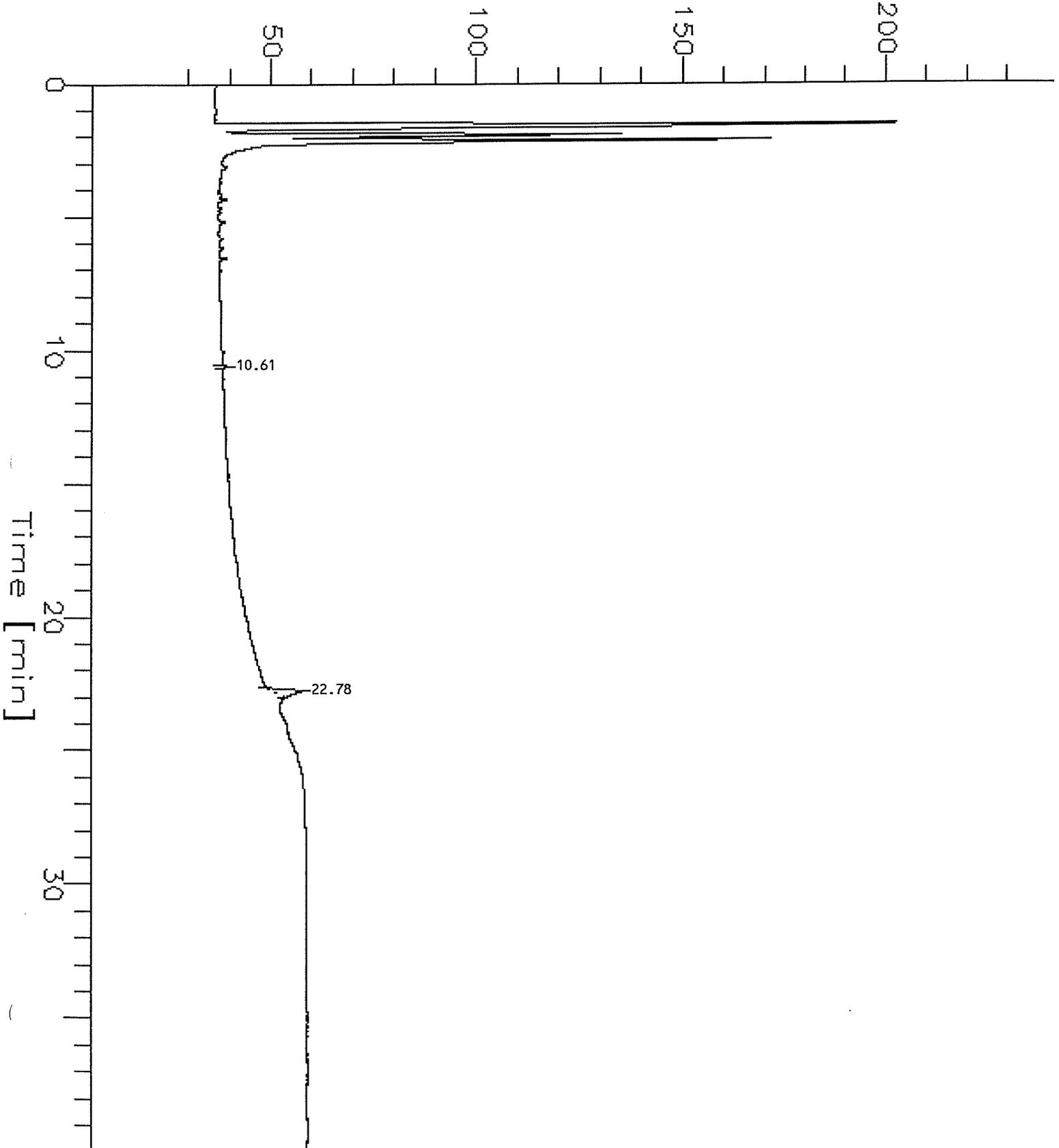
Sample Name : GPC Blank
FileName : f:\turbo32\khorvat\9a32232.raw
Method : 9-32D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: A_08-19-93
Date : 8/23/93 08:22
Time of Injection: 8/20/93 15:15
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

Page 1 of 1

DB608



=====
 Software Version: 3.2 <10J29>
 Sample Name : GPC Spike Time : 8/23/93 08:34
 Sample Number: A_08-19-93 Study :
 Operator :

Instrument : 970 - 9 Channel : A A/D mV Range : 1000
 Amplifier : NONE
 Reaction Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/20/93 14:29
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : F:\TURBO32\KHORVAT\9a32231.raw
 Result File : C:\windows\temp\~rst3326.rst
 Instrument File: f:\turbo32\khorvat\9-32D.ins
 Process File : f:\turbo32\khorvat\9-32a.prc
 Sample File : f:\turbo32\khorvat\9-32AX.smp
 Sequence File : <none>

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

		5890-9		DB608 COLUMN #152		Channel A		
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng			
1	13.91	750059	gamma-BHC	145585.56	BB	0.0478	96	
2	15.07	737406	Heptachlor	140210.20	BB	0.0434	87	
3	16.25	626596	Aldrin	125344.80	BB	0.0405	81	
6	20.50	1102894	Dieldrin	225459.52	BB	0.0853	85	
7	21.74	805792	Endrin	162767.42	BB	0.0809	81	
9	22.78	98820		7038.37	BV	0.0988		
10	23.13	854454	4,4'-DDT	149580.42	VV	0.0893	88	
11	23.47	61592	Endrin-aldehyde	9690.02	VB	0.0073		
13	26.53	67638	Endrin-ketone	10702.02	BB	0.0054		
5105251				976378.31				

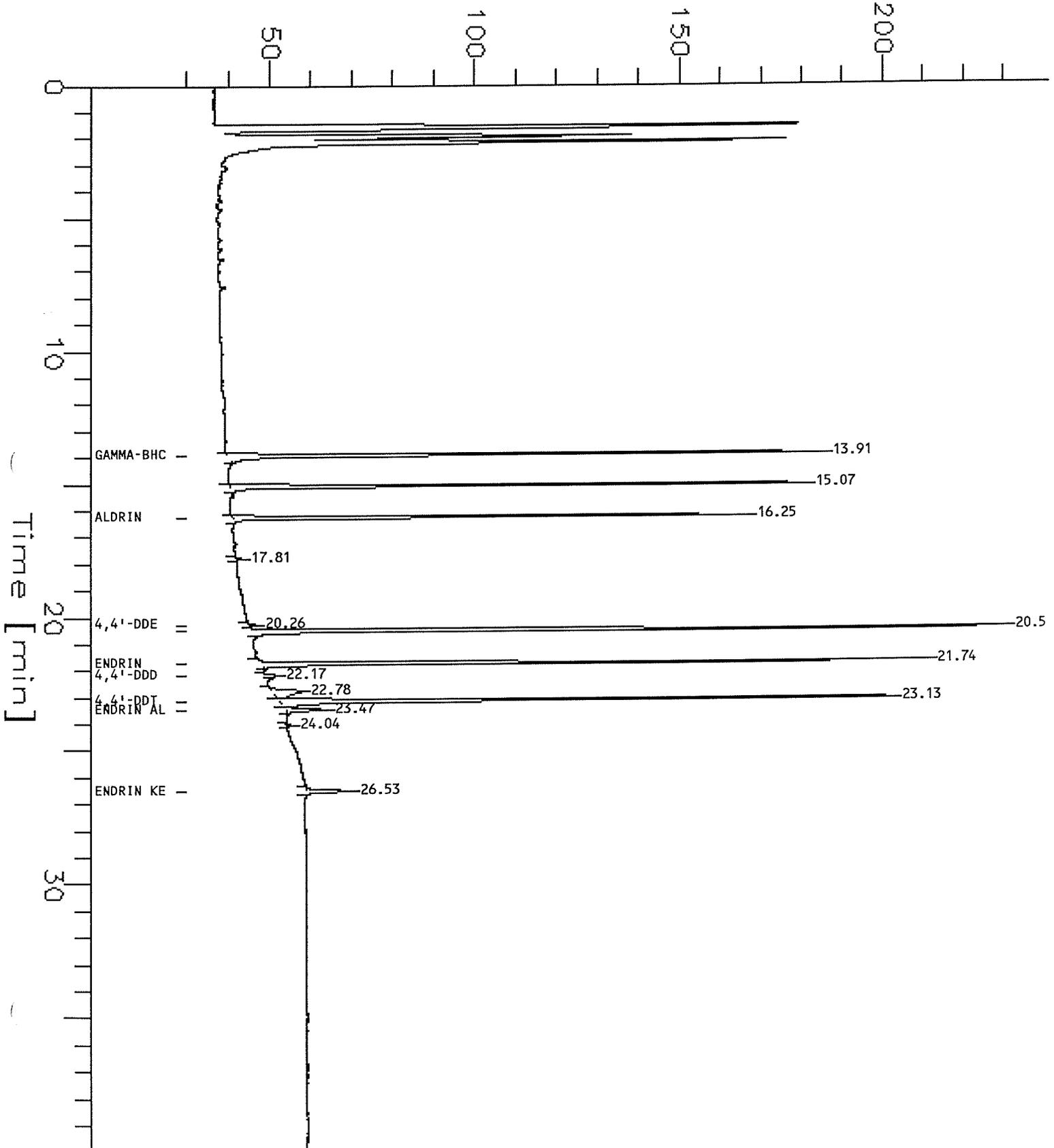
=====
 5890-9 DB608 COLUMN #152 Channel A
 =====

Sample Name : GPC Spike
FileName : f:\turbo32\khorvat\9a32231.raw
Method : 9-32D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset : 30 mV

Sample #: A_08-19-93
Date : 8/23/93 08:20
Time of Injection: 8/20/93 14:29
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



=====
 Software Version: 3.2 <10J29>
 Sample Name : GPC AR1660 Time : 8/23/93 08:24
 Sample Number: A_08-19-93 Study :
 Operator :

Instrument : 970 - 9 Channel : A A/D mV Range : 1000
 Amplifier : NONE
 Reagent : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/20/93 16:01
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a32233.raw
 Result File : f:\turbo32\khorvat\9a32233.rst
 Instrument File: f:\turbo32\khorvat\9-320.ins
 Process File : f:\turbo32\khorvat\9-32a.prc
 Sample File : f:\turbo32\khorvat\9-32AN.smp
 Sequence File : f:\turbo32\khorvat\9-32.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

		5890-9		DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
4	12.32	α 30206	1016	4831.14	BB	0.0302
6	13.84	α 90456		14111.87	BB	0.0905
7	14.61	20752		3817.23	BV	0.0208
9	14.90	35033		6072.76	VB	0.0350
10	15.20	α 120137		11408.90	BB	0.1201
11	15.77	26910		4441.29	BB	0.0269
12	16.29	48767		7690.62	BB	0.0488
13	16.47	11582		2867.66	BB	0.0116
15	17.43	48021		7526.95	BV	0.0480
16	17.57	23091		3690.72	VV	0.0231
17	17.86	36361		4256.40	VV	0.0364
20	18.56	15838		2082.26	VV	0.0158
21	18.80	39888		7567.24	VB	0.0399
22	19.03	34958		5590.65	BB	0.0350
24	20.76	α 57997	1260	8724.90	BV	0.0580
25	21.06	44031		4895.17	VV	0.0440
26	21.37	α 103647		16375.96	VB	0.1037
27	21.67	α 96869		15373.65	BB	0.0969
28	22.34	30766		5336.62	BB	0.0308
29	22.77	142622		18215.30	BV	0.1426
30	22.94	68450		9825.55	VV	0.0685
31	23.12	83068		13546.64	VV	0.0831
32	23.20	92220		14724.66	VV	0.0922
33	23.42	31644		5439.62	VB	0.0316
35	24.40	52373		9214.67	BV	0.0524
36	24.55	11561		2264.80	VV	0.0116
37	24.68	32913		6208.16	VV	0.0329
38	24.86	121981		19625.03	VB	0.1220
39	26.14	26166		4145.37	BV	0.0262
40	26.32	23360		3063.81	VV	0.0234
41	26.48	57132		8274.06	VB	0.0571
43	28.48	25818		3366.71	VB	0.0258
		1684617		254576.36		

=====
 5890-9 DB608 COLUMN #152 Channel A
 =====

Sample Name : GPC AR1660

FileName : f:\turbo32\khorvat\9a32233.raw

Method : 9-32D.ins

Start Time : 0.00 min

Scale Factor: 0

End Time : 40.00 min

Plot Offset: 30 mV

Sample #: A_08-19-93

Date : 8/23/93 08:24

Time of Injection: 8/20/93 16:01

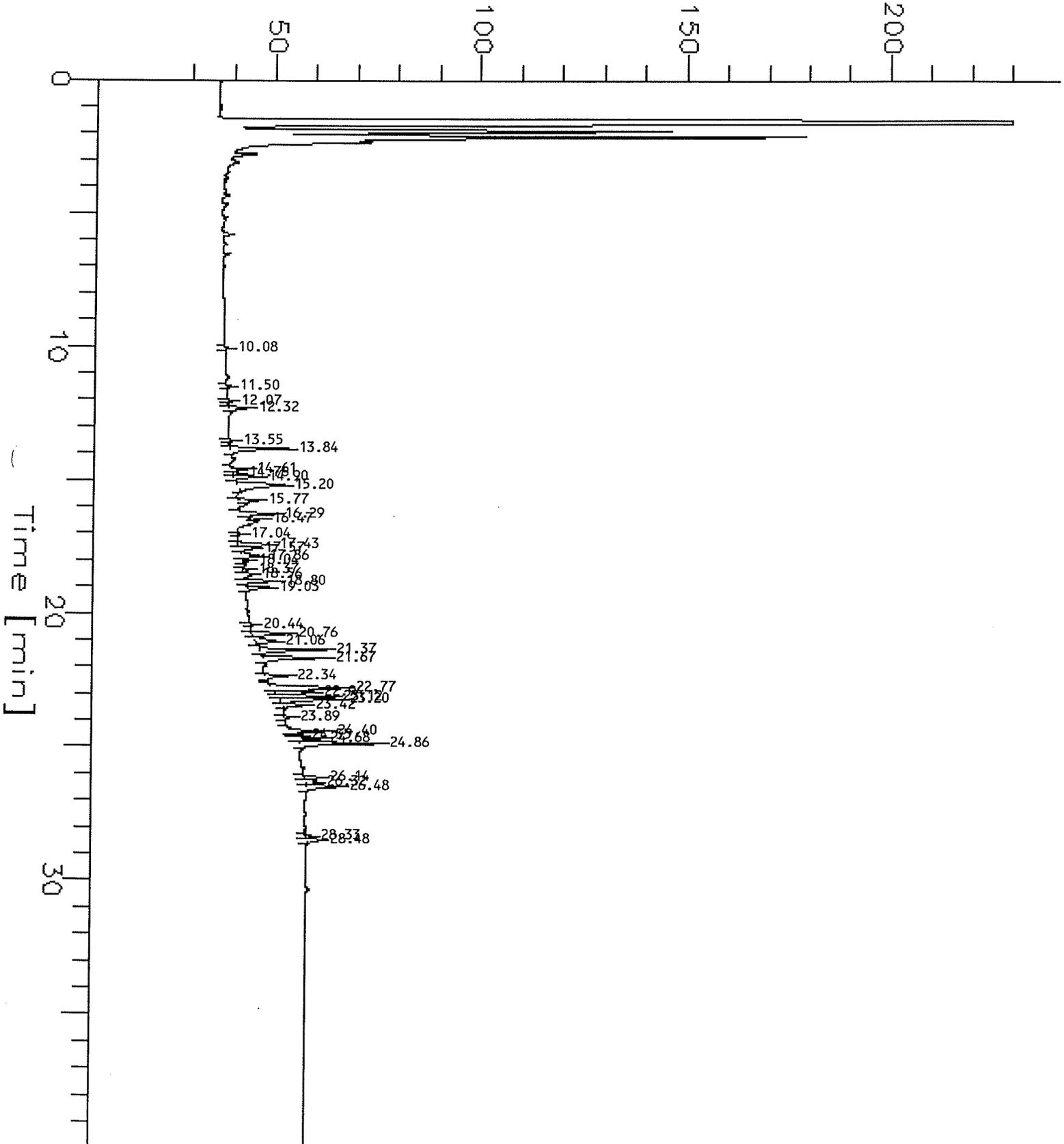
Low Point : 30.00 mV

Plot Scale: 200 mV

Page 1 of 1

High Point : 230.00 mV

DB608



GPC A Logbook

Calibration Date: 8-17-93

Date	Tech	Job #	Loop #	Sample Identification	Analysis	Comments
8.24.93	PM	93-2525	1	SS-9179	BN/AT	Blank
↓	↓	93-2646	2	SS-9241	↓	Blank
↓	↓	↓	3	SS-9251	↓	
↓	↓	↓	4	SS-9252	↓	
↓	↓	—	5	MeCl ₂ Blank	—	discard
↓	↓	93-2618	6	SS-9234	Pest/PCB	Blank
↓	↓	93-2635	7	SS-9254	↓	Blank
↓	↓	↓	8	SS-9255	↓	MSD
↓	↓	↓	9	SS-9256	↓	
↓	↓	↓	10	SS-9257	↓	
↓	↓	93-2646	11	SS-9264	↓	
↓	↓	↓	12	SS-9265	↓	
↓	↓	93-2618	13	SS-9235	↓	
↓	↓	↓	14	SS-9236	↓	used 5 filters
↓	↓	↓	15	SS-9237	↓	
↓	↓	↓	16	SS-9238	↓	
↓	↓	↓	17	SS-9239	↓	
↓	↓	93-2635	18	SS-9259	↓	
↓	↓	↓	19	SS-9260	↓	used 2 filters
↓	↓	↓	20	SS-9261	↓	
↓	↓	↓	21	SS-9262	↓	MS
↓	↓	↓	22	SS-9263	↓	MSD
↓	↓	↓	23	SS-9258 MeCl ₂ Blank	↓	discard

7/28.24.93

MeCl₂ Lot#: BE934

Reviewed By: _____

Date: _____

Comments:

RAW QC DATA



RECRA
ENVIRONMENTAL
INC.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK75

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) SOIL Lab Sample ID: AG001123
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/19/93
 Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/01/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	0.42	JP
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : PBLK75           Time       : 09/01/93  16:07
Sample Number: SS9254         Study      : AG001123
Operator      :

Instrument    : 970_-9         Channel   : A       A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0

Interface Serial # : 2135574868  Data Acquisition Time: 09/01/93  12:13
Delay Time      : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec

Raw Data File  : f:\turbo32\khorvat\9a33236.raw
Result File    : f:\turbo32\khorvat\9a33236.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33A.prc
Sample File    : f:\turbo32\khorvat\9-33AX.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq

Inj. Volume    : 1 ul          Area Reject : 10000.00
Sample Amount  : 1.0000       Dilution Factor : 1.00
=====

```

5890-9 DB608 COLUMN #152 Channel A						
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.80	611908	TMX	113652.72	BB	0.0286
6	11.49	13202		2504.37	BB	0.0132
8	12.29	38140		5599.67	BB	0.0381
10	13.82	63293		10129.09	BV	0.0633
11	14.20	12732	beta-BHC	1538.02	VB	0.0013
12	14.59	16480		3135.74	BV	0.0165
13	14.72	16702		2808.23	VV	0.0167
14	14.88	19332		3447.94	VB	0.0193
15	15.17	93466		10205.03	BB	0.0935
16	15.73	33131		4002.22	BB	0.0331
17	16.27	27105	Aldrin	3763.30	BB	0.0017
19	17.41	16998		3314.47	BB	0.0170
20	17.84	12868		1837.12	BV	0.0129
22	18.33	12921		2330.57	VB	0.0129
23	18.54	12596		2473.42	BB	0.0126
25	19.49	18618	Endosulfan I	2314.37	BB	0.0014
27	22.70	81072		6085.31	BB	0.0811
28	25.30	53872		1110.87	BB	0.0539
29	27.05	23262		1170.35	BB	0.0233
30	28.72	21379		1364.08	BB	0.0214
31	30.05	80544		3494.82	BB	0.0805
32	31.71	44133		2036.34	BV	0.0441
33	32.23	486593	DCBP	48344.53	VB	0.0291

1810348 236662.58

alabre

```

=====
5890-9 DB608 COLUMN #152 Channel A
=====

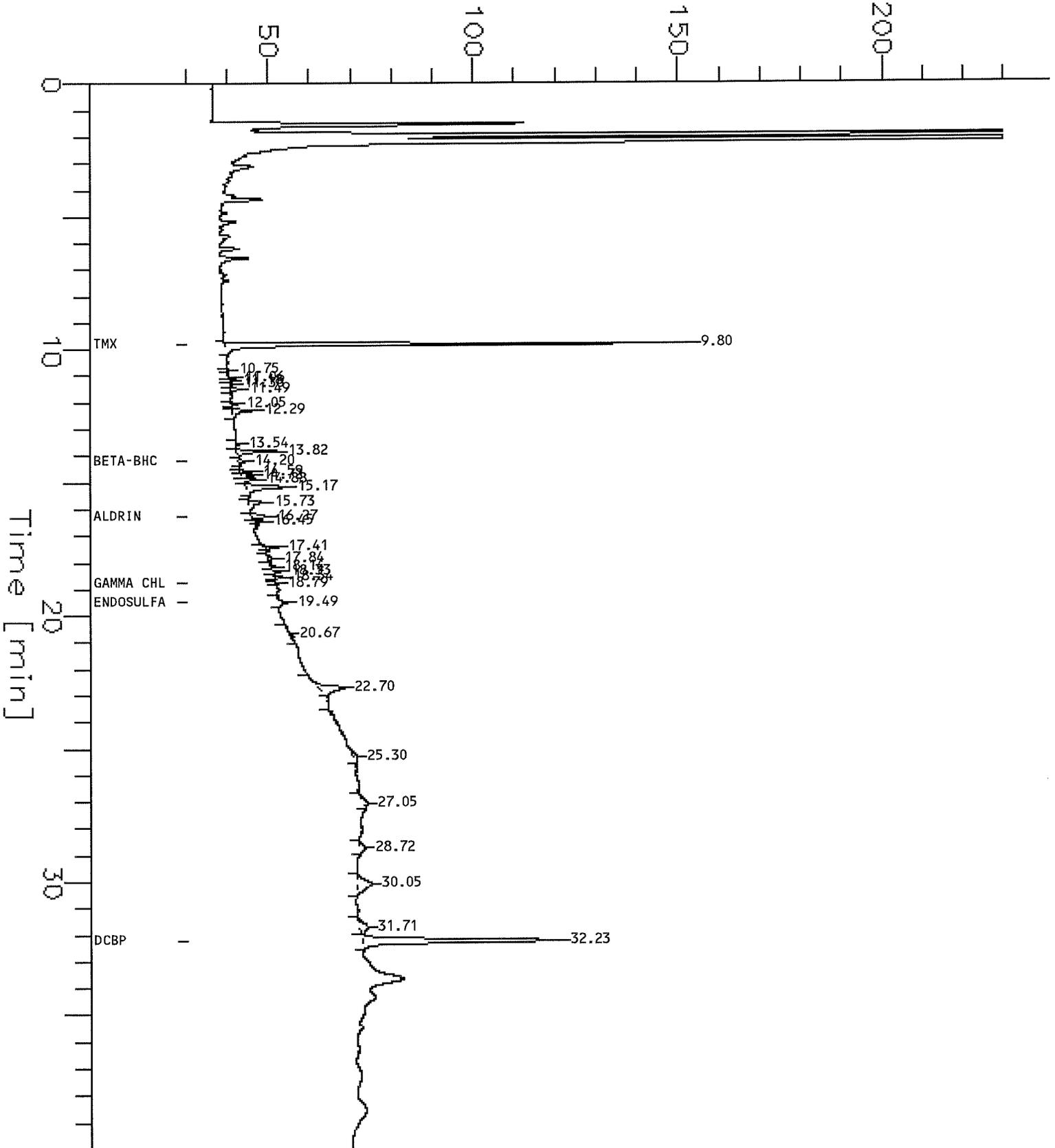
```

Sample Name : PBLK75
FileName : f:\turbo32\khorvat\9a33236.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: SS9254
Date : 09/01/93 16:07
Time of Injection: 09/01/93 12:13
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



=====
 Software Version: 3.2 <10J29>
 Sample Name : PBLK75 Time : 09/01/93 16:08
 Sample Number: SS9254 Study : AG001123
 Operator :

Instrument : 970_-9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 09/01/93 12:13
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33236.raw
 Result File : f:\turbo32\khorvat\9b33236.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

		5890-9		DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration	ng
2	10.75	617850	TMX	145913.06	BB	0.0292
8	12.91	36682		8573.33	BB	0.0367
10	14.28	54621		12534.20	BB	0.0546
15	15.91	105261		20699.85	BB	0.1053
16	16.35	27191		6244.47	BB	0.0272
17	16.71	21452		5184.42	BB	0.0215
21	17.87	26897	beta-BHC	4753.15	VB	0.0026
26	19.20	21228		4905.51	BV	0.0212
34	25.30	25501		867.63	BB	0.0255
38	31.71	768923	DCBP	91395.02	BB	0.0318
		1705605		301070.63		

AKL 9/3 21

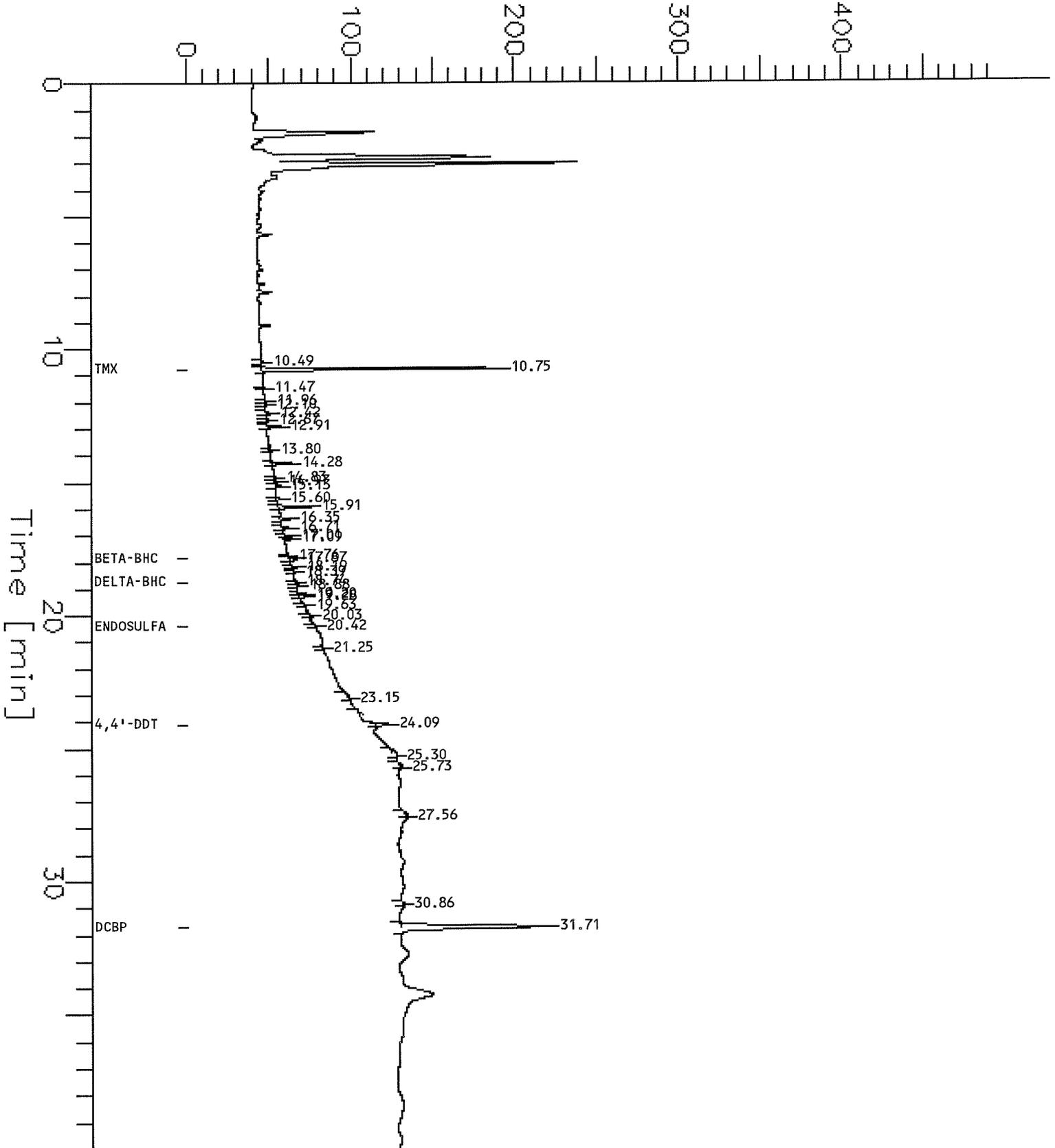
=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

Sample Name : PBLK75
FileName : f:\turbo32\khorvat\9b33236.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: SS9254
Date : 09/01/93 16:08
Time of Injection: 09/01/93 12:13
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



0724

EPA SAMPLE NO.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK01

Lab Name: RECRA ENVIRON Contract: C002412

Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393

Matrix: (soil/water) WATER Lab Sample ID: ICM3EB01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

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

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/23/93

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

Q

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-93-4-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

=====

Software Version: 3.2 <10J29>

Sample Name : ICM3EB Time : 8/24/93 11:46
Sample Number: PIBLK01 Study :
Operator :

Instrument : 970_-9 Channel : A A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/23/93 12:34

Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33002.raw
Result File : f:\turbo32\khorvat\9a33002.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak Ret Time		Area	Component	Height	BL Concentration
#	[min]	[uV/sec]	Name	[uV]	ng
1	9.83	343292	TMX	64924.09	0.0160
4	22.78	59198		6180.77	0.0592
6	32.30	274299	DCBP	27750.57	0.0164
		676789		98855.43	

MMS 8/24/93

=====

5890-9 DB608 COLUMN #152 Channel A

=====

5890A9

1.0ul Inj

10726

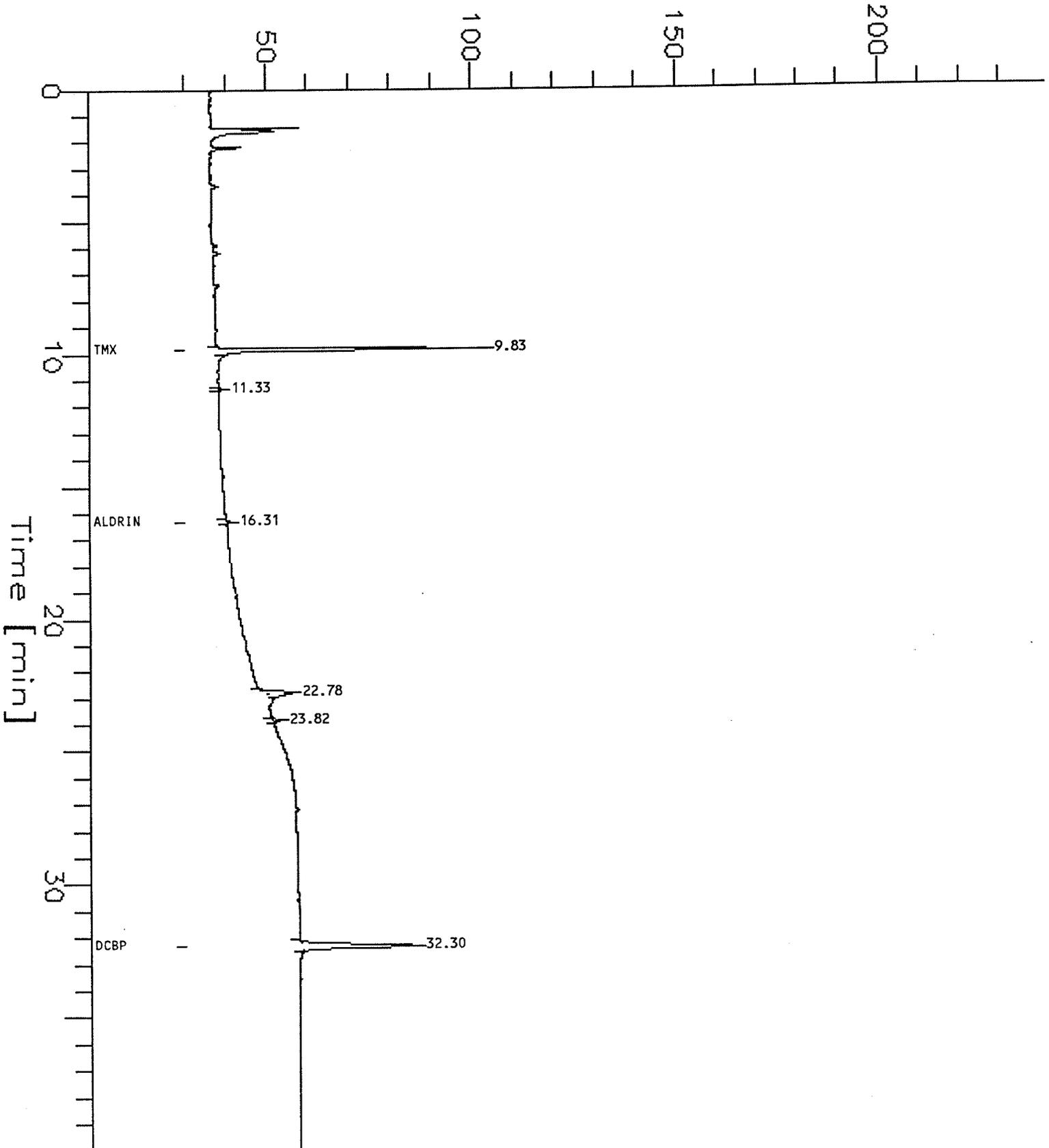
Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33002.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK01
Date : 8/24/93 11:47
Time of Injection: 8/23/93 12:34
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

Page 1 of 1

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 8/24/93  11:48
Sample Number: PIBLK01        Study      :
Operator   :
  
```

```

Instrument : 970_-9           Channel : B    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/23/93  12:34
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33002.raw
Result File   : f:\turbo32\khorvat\9b33002.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.76	331792	TMX	83071.60	0.0157
6	24.15	73439		11166.81	0.0734
8	31.76	383961	DCBP	45859.68	0.0159
789192				140098.09	

Stark

```

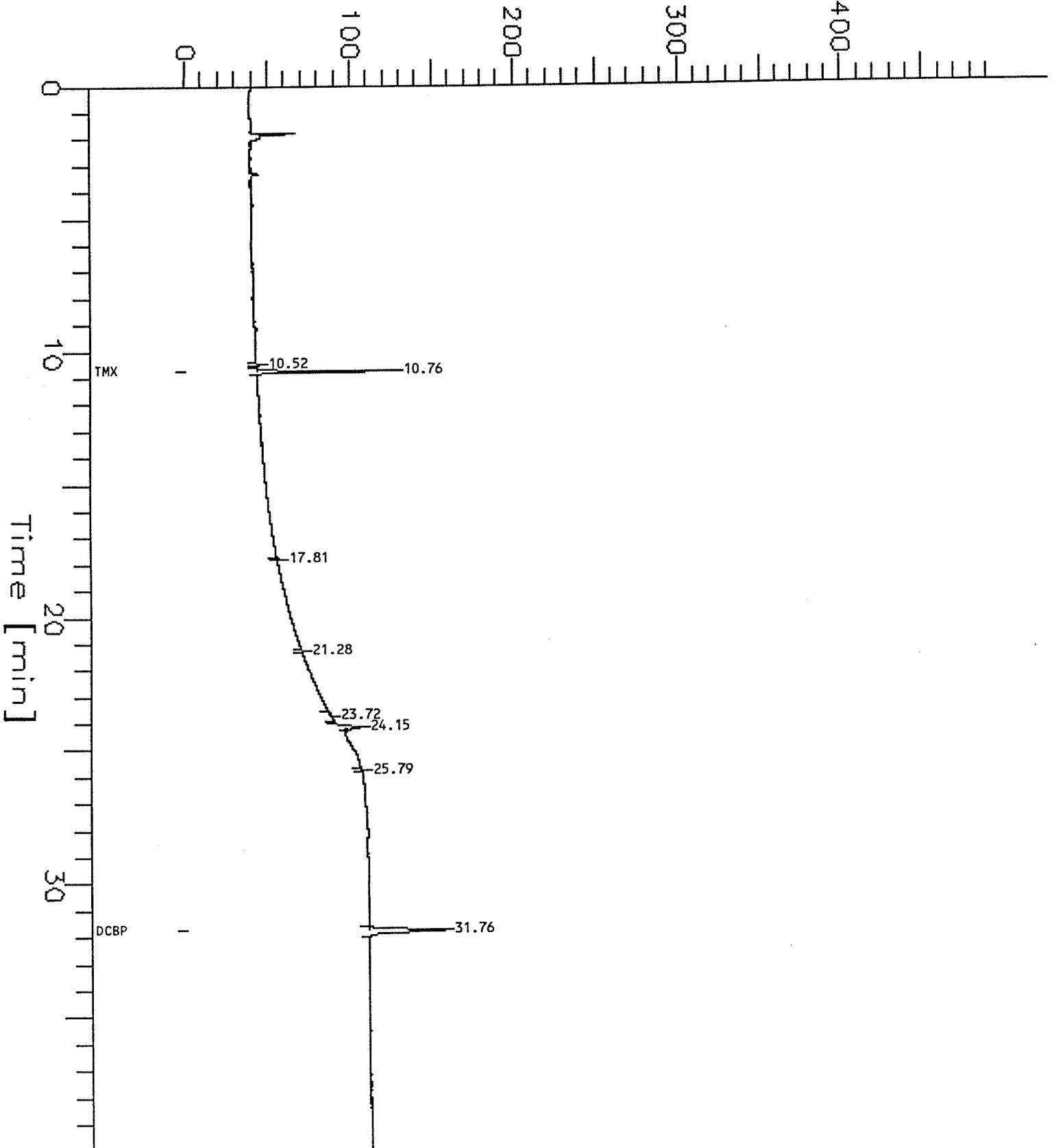
=====
5890-9      DB1701 COLUMN #163      Channel B
=====
  
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33002.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK01
Date : 8/24/93 11:48
Time of Injection: 8/23/93 12:34
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK02

Lab Name: RECRA ENVIRON Contract: C002412

Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393

Matrix: (soil/water) WATER Lab Sample ID: ICM3EB02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

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

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/24/93

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

Q

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-93-4-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 08/24/93  12:31
Sample Number: PIBLK02        Study      :
Operator    :

```

```

Instrument   : 970_-9           Channel : A      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/24/93/ 12:02 00:07
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec

```

```

Raw Data File : f:\turbo32\khorvat\9a33017.raw
Result File   : f:\turbo32\khorvat\9a33017.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume   : 1 ul           Area Reject : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00

```

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	5890-9	DB608	COLUMN #152	Channel A
				Height [uV]	BL	Concentration	ng
1	9.83	350569	TMX	60896.61	BB	0.0164	
2	22.81	32965		3620.61	BB	0.0330	
4	32.29	287668	DCBP	28511.46	BB	0.0172	
				671202	93028.68		

Handwritten: N/A 8/24/93

```

=====
5890-9      DB608 COLUMN #152      Channel A
=====

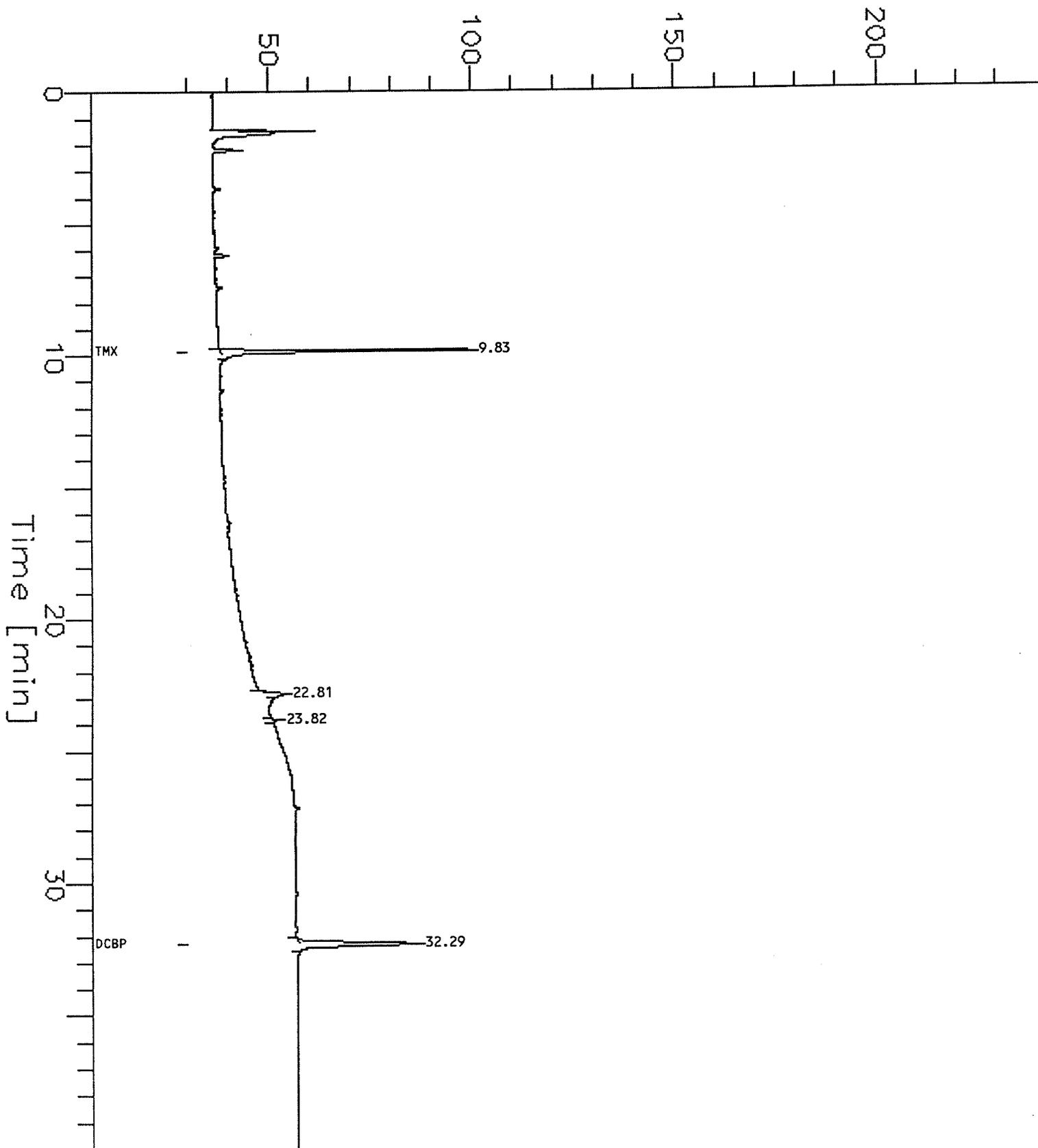
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33017.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK02
Date : 08/24/93 12:31
Time of Injection: 08/24/93 (12:02) 0002
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM3EB Time : 08/24/93 12:31
 Sample Number: PIBLK02 Study :
 Operator :

Instrument : 970 _ 9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/24/93 (12:02) 0002
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33017.raw
 Result File : f:\turbo32\khorvat\9b33017.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.76	342005	TMX	84491.52	0.0162
7	24.14	50243		7542.49	0.0502
10	31.75	396466	DCBP	47695.69	0.0164
			788713	139729.70	

8/24/93

=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

Sample Name : ICM3EB

FileName : f:\turbo32\khorvat\9b33017.raw

Method : 9-33D.ins

Start Time : 0.00 min

Scale Factor: 0

End Time : 40.00 min

Plot Offset: 0 mV

Sample #: PIBLK02

Date : 08/24/93 12:31

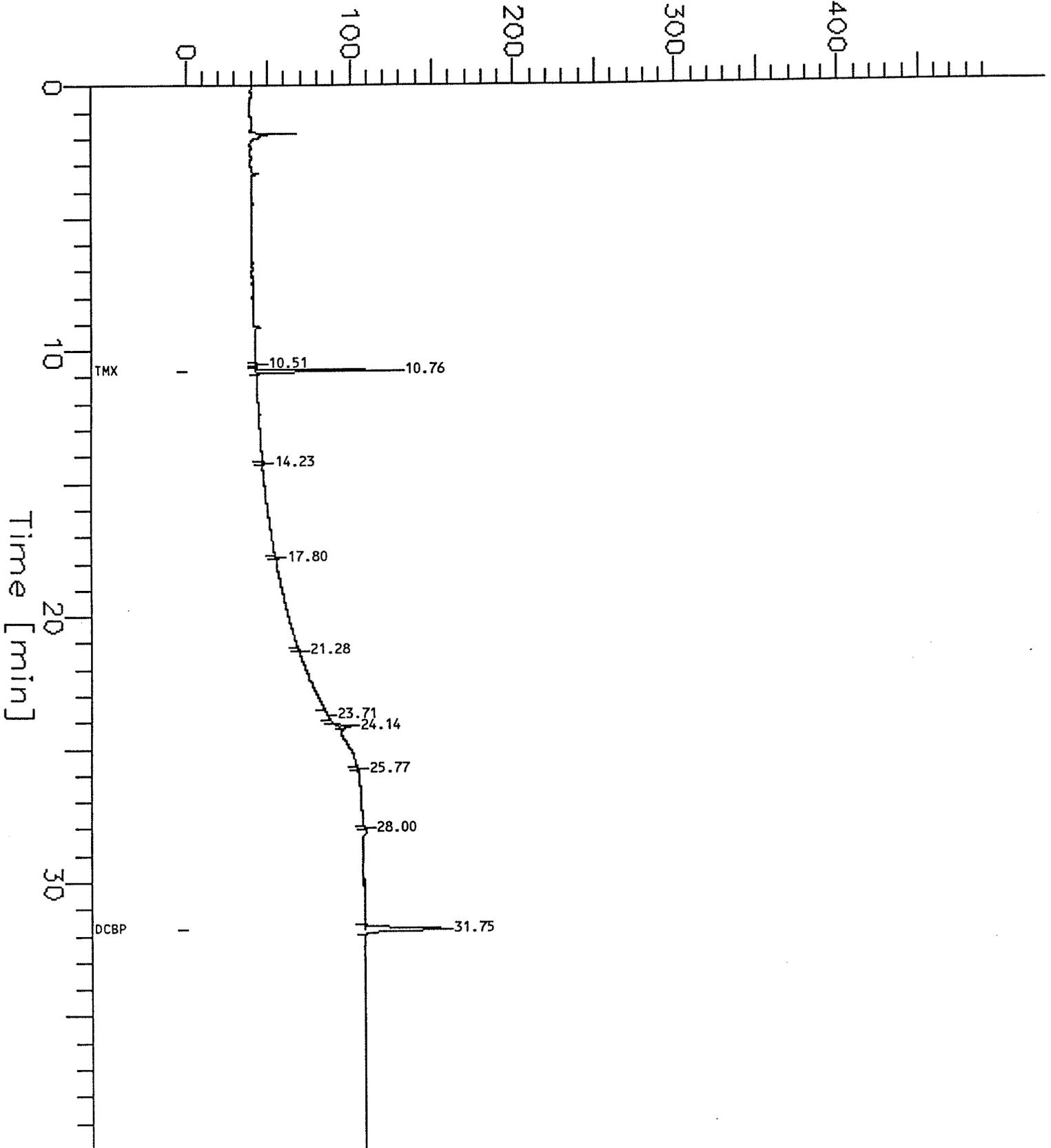
Time of Injection: 08/24/93 (12:02)0002

Low Point : 0.00 mV

Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK03

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB03
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/24/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-93-4-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 08/24/93  14:07
Sample Number: PIBLK03        Study      :
Operator   :

```

```

Instrument : 970_-_9           Channel : A    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/24/93  09:58
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec

```

```

Raw Data File : f:\turbo32\khorvat\9a33030.raw
Result File   : f:\turbo32\khorvat\9a33030.rst
Instrument File: f:\turbo32\khorvat\9-330.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00

```

```

=====

```

		5890-9		DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration	ng
1	9.82	347162	TMX	58082.86	BB	0.0162
2	22.81	47786		4662.79	BB	0.0478
4	32.26	291943	DCBP	28454.10	BB	0.0174
				686891		91199.76

8/25/93 OK

```

=====
5890-9      DB608 COLUMN #152      Channel A
=====

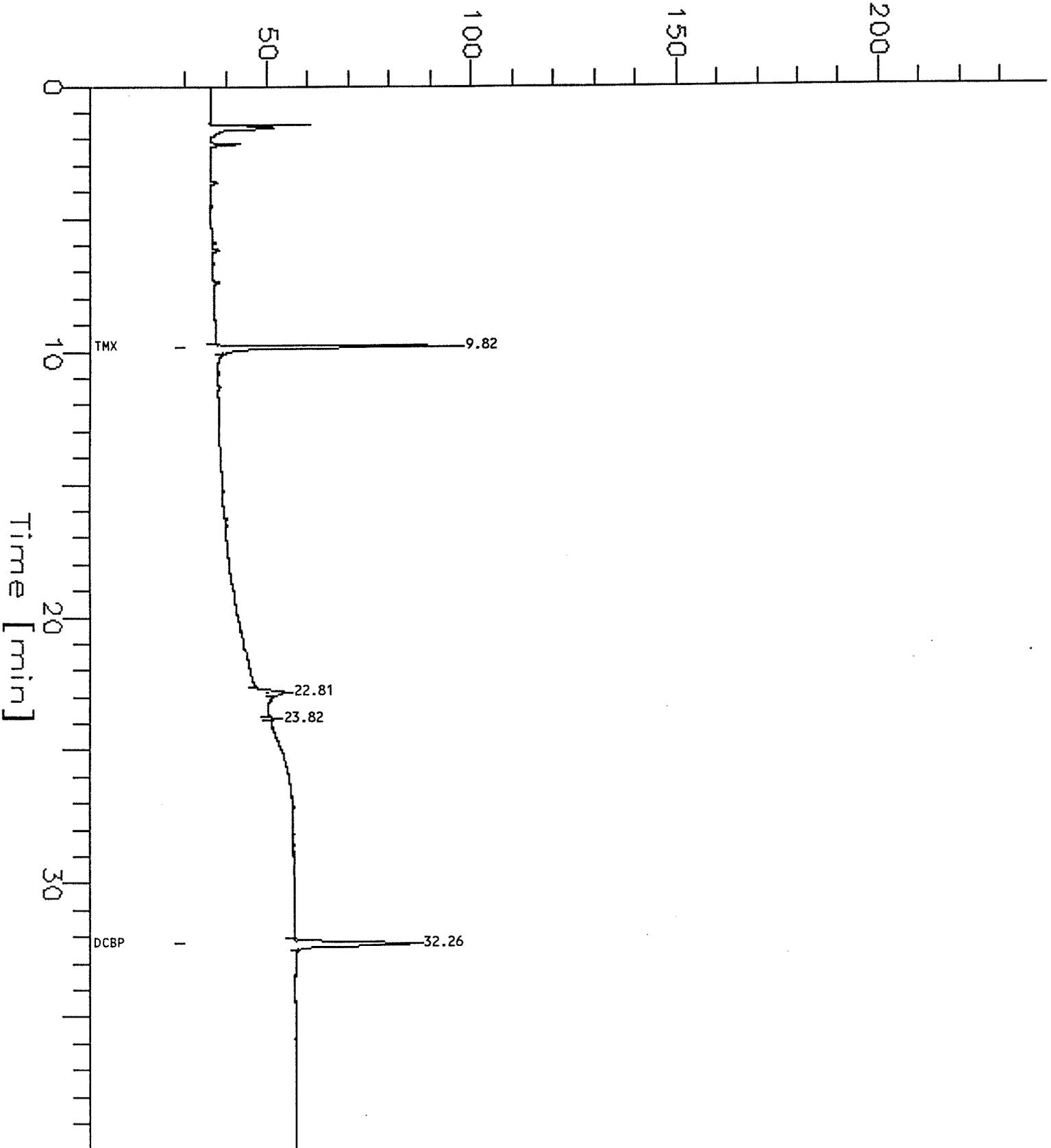
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33030.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK03
Date : 08/24/93 14:07
Time of Injection: 08/24/93 09:58
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM3EB Time : 08/24/93 14:08
 Sample Number: PIBLK03 Study :
 Operator :

Instrument : 970_-9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/24/93 09:58
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33030.raw
 Result File : f:\turbo32\khorvat\9b33030.rst
 Instrument File : f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak Ret Time		Area	Component	Height	BL Concentration
#	[min]	[uV/sec]	Name	[uV]	ng
2	10.75	334528	TMX	81567.76	BB 0.0158
7	24.13	64999		9724.79	BB 0.0650
9	31.73	397687	DCBP	46780.09	BB 0.0165
		797214		138072.63	

8/28/93

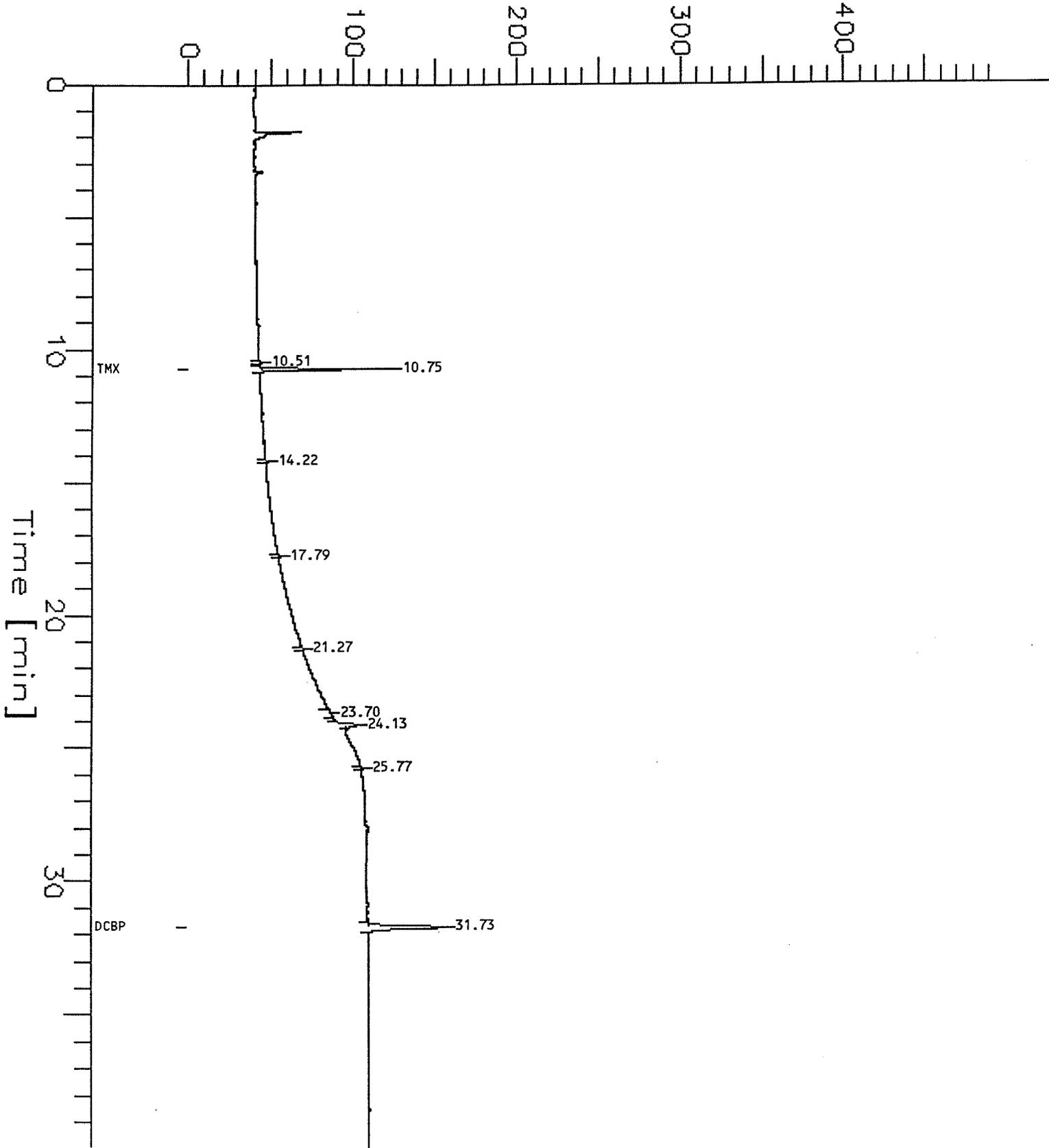
=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33030.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK03
Date : 08/24/93 14:08
Time of Injection: 08/24/93 09:58
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK04

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB04
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/24/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

Q

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-93-4-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

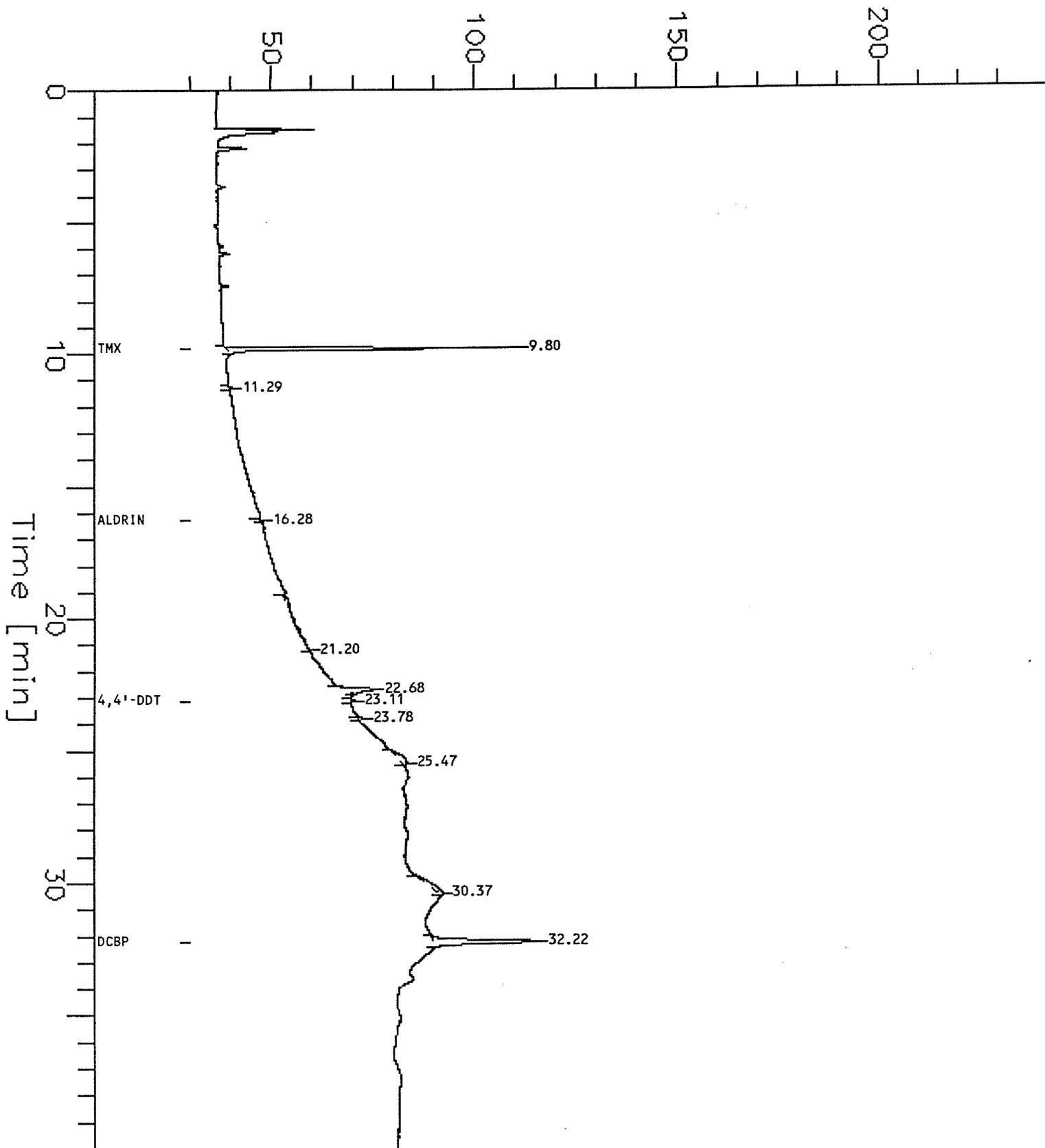
Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33044.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK04
Date : 08/25/93 08:49
Time of Injection: 08/24/93 21:28
Low Point : 30.00 mV
Plot Scale: 200 mV

Page 1 of 1
High Point : 230.00 mV

DB608



=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM3EB Time : 08/25/93 08:50
 Sample Number: PIBLK04 Study :
 Operator :

Instrument : 970_9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/24/93 21:28
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33044.raw
 Result File : f:\turbo32\khorvat\9b33044.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
2	10.74	337943	TMX	84349.01	BB	0.0160
7	20.30	61913		-169.22	BB	0.0619
10	24.10	93761	4,4-DBT	14884.22	BB	0.0062
11	25.24	26449		821.13	BB	0.0265
14	27.95	48904		5142.69	BB	0.0489
15	31.71	378540	DCBP	46472.49	BB	0.0157
		947510		151500.31		

8/25/93 JK

=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

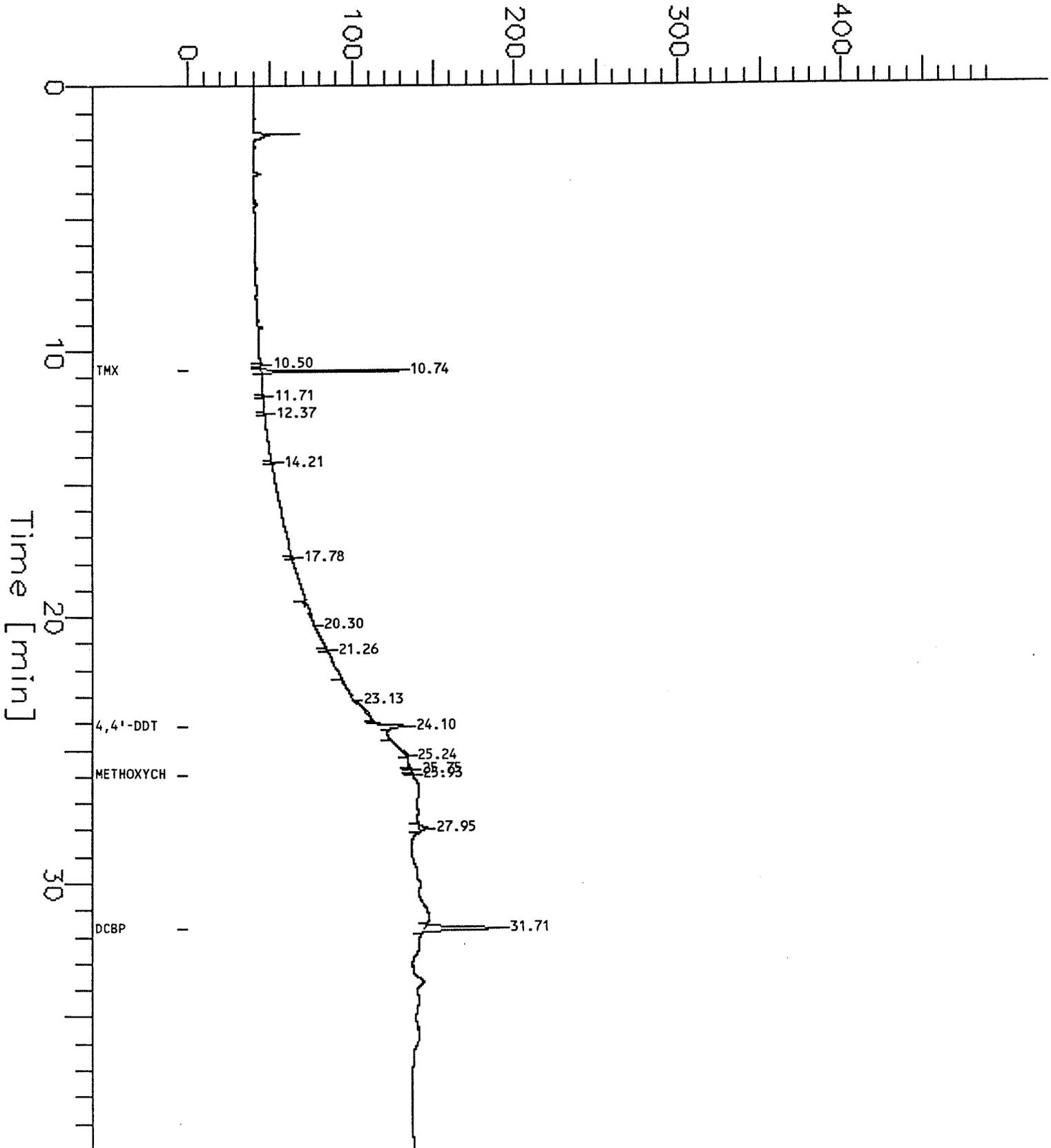
Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33044.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK04
Date : 08/25/93 08:50
Time of Injection: 08/24/93 21:28
Low Point : 0.00 mV
Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK05

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB05
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/25/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 08/25/93 09:02
Sample Number: PIBLK05        Study      :
Operator   :
  
```

```

Instrument  : 970_-9           Channel : A    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/25/93 06:37
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9a33056.raw
Result File   : f:\turbo32\khorvat\9a33056.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.82	344156	TMX	68205.77	BB 0.0161
3	22.74	52507		5429.12	BB 0.0525
5	27.18	65626		507.74	BB 0.0656
6	32.28	264051	DCBP	27829.63	BB 0.0158
726340				101972.27	

Handwritten signature

```

=====
5890-9      DB608 COLUMN #152      Channel A
=====

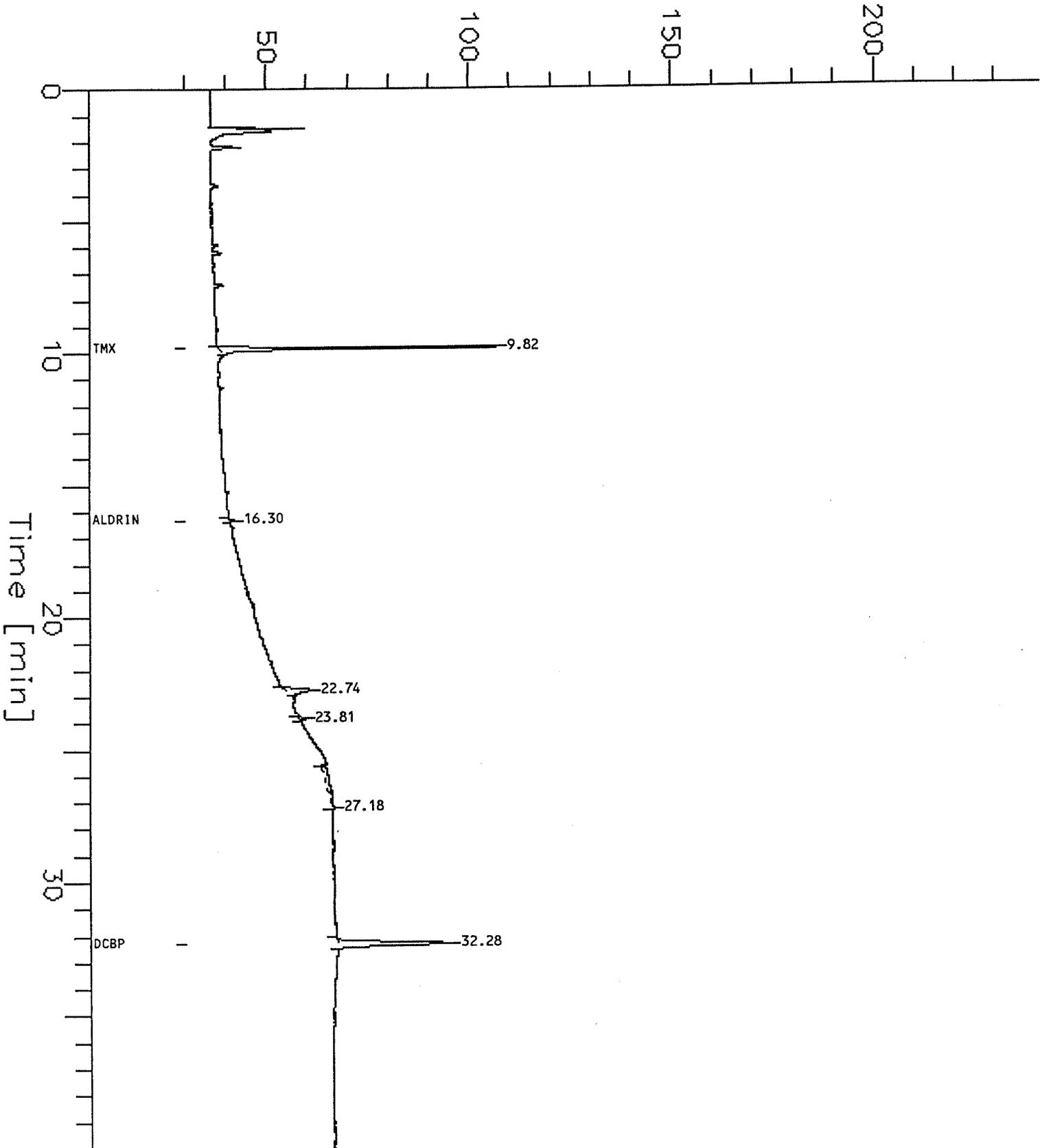
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33056.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK05
Date : 08/25/93 09:02
Time of Injection: 08/25/93 06:37
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



=====

Software Version: 3.2 <10J29>

Sample Name : 1CM3EB
 Sample Number: PIBLK05
 Operator :

Time : 08/25/93 09:03
 Study :

Instrument : 970_-9
 AutoSampler : NONE
 Rack/Vial : 0/0

Channel : B A/D mV Range : 1000

Interface Serial # : 2135574868 Data Acquisition Time: 08/25/93 06:37

Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33056.raw
 Result File : f:\turbo32\khorvat\9b33056.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.77	339108	TMX	84460.17	0.0161
8	24.14	68082		11122.00	0.0681
11	31.76	396586	DCBP	48596.88	0.0164
				803776	144179.05

8/25/93 09:03

=====

5890-9 DB1701 COLUMN #163 Channel B

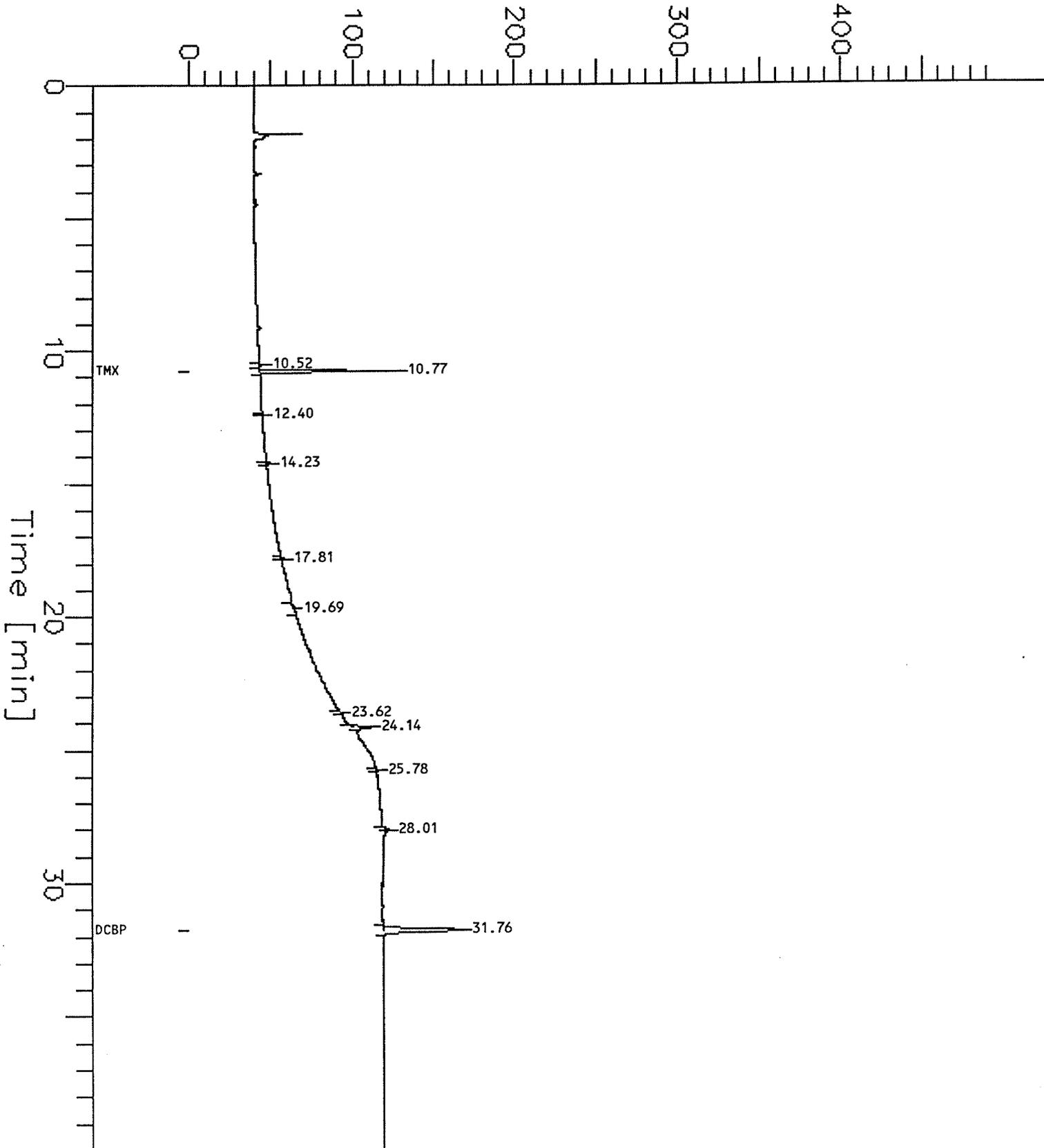
=====

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33056.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK05
Date : 08/25/93 09:03
Time of Injection: 08/25/93 06:37
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK06

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB06
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/25/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-93-4-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

=====

Software Version: 3.2 <10J29>
Sample Name : ICM3EB Time : 8/31/93 08:58
Sample Number: PIBLK06 Study :
Operator :

Instrument : 970_-9 Channel : A A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/25/93 19:21
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : F:\TURBO32\KHORVAT\9a33065.raw
Result File : f:\turbo32\khorvat\9a33065.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
Sample Amount : 1.0000 Dilution Factor : 1.00

=====

		5890-9	DB608	COLUMN #152	Channel A
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.80	347594	TMX	68997.77 BB	0.0162
2	11.61	11919		1828.48 BB	0.0119
3	18.56	13454		2402.93 BB	0.0135
4	18.95	20000		3807.65 BB	0.0200
5	22.68	93580		10411.00 BB	0.0936
6	23.12	19466	Endosulfan II	3845.07 BB	0.0016
7	32.21	281430	DCBP	29596.67 BB	0.0168
		787442		120889.58	

8/31/93

=====

5890-9 DB608 COLUMN #152 Channel A

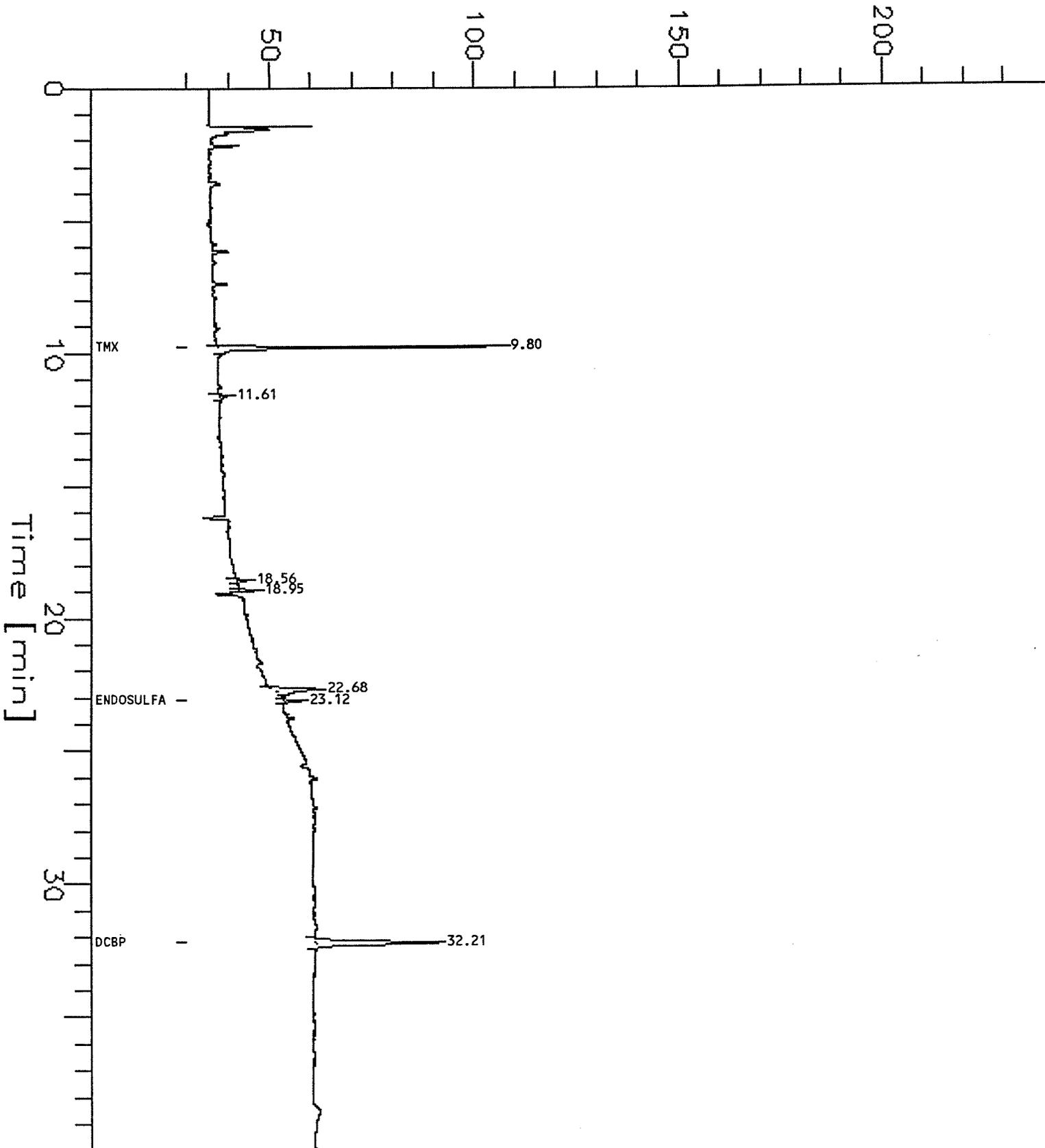
=====

Sample Name : ICM3EB
FileName : F:\TURBO32\KHORVAT\9a33065.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK06
Date : 8/31/93 09:00
Time of Injection: 8/25/93 19:21
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 8/31/93  08:58
Sample Number: PIBLK06        Study      :
Operator   :

Instrument  : 970_-_9          Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/25/93  19:21
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File   : F:\TURBO32\KHORVAT\9b33065.raw
Result File     : f:\turbo32\khorvat\9b33065.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33B.prc
Sample File     : f:\turbo32\khorvat\9-33BX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject   : 20000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

```

=====
  
```

		5890-9		DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration	ng
2	10.74	342535	TMX	86035.31	BB	0.0162
3	11.71	22437		5496.40	BB	0.0224
5	18.57	25002		6318.30	BB	0.0250
6	19.18	32470		8343.79	BB	0.0325
8	23.59	23538		5679.50	BB	0.0235
9	24.10	109234	4,4 DDT	18109.30	BB	0.0073
12	27.94	713398		60302.38	BB	0.7134
13	31.70	403703	DCBP	49961.56	BB	0.0167
		1672318		240246.53		

8/31/93

```

=====
5890-9          DB1701 COLUMN #163          Channel B
=====
  
```

5890B9

1.0ul Inj

0753

Sample Name : ICM3EB

FileName : F:\TURBO32\KHORVAT\9b33065.raw

Method : 9-33D.ins

Start Time : 0.00 min

Scale Factor: 0

End Time : 40.00 min

Plot Offset: 0 mV

Sample #: PIBLK06

Date : 8/31/93 08:52

Time of Injection: 8/25/93 19:21

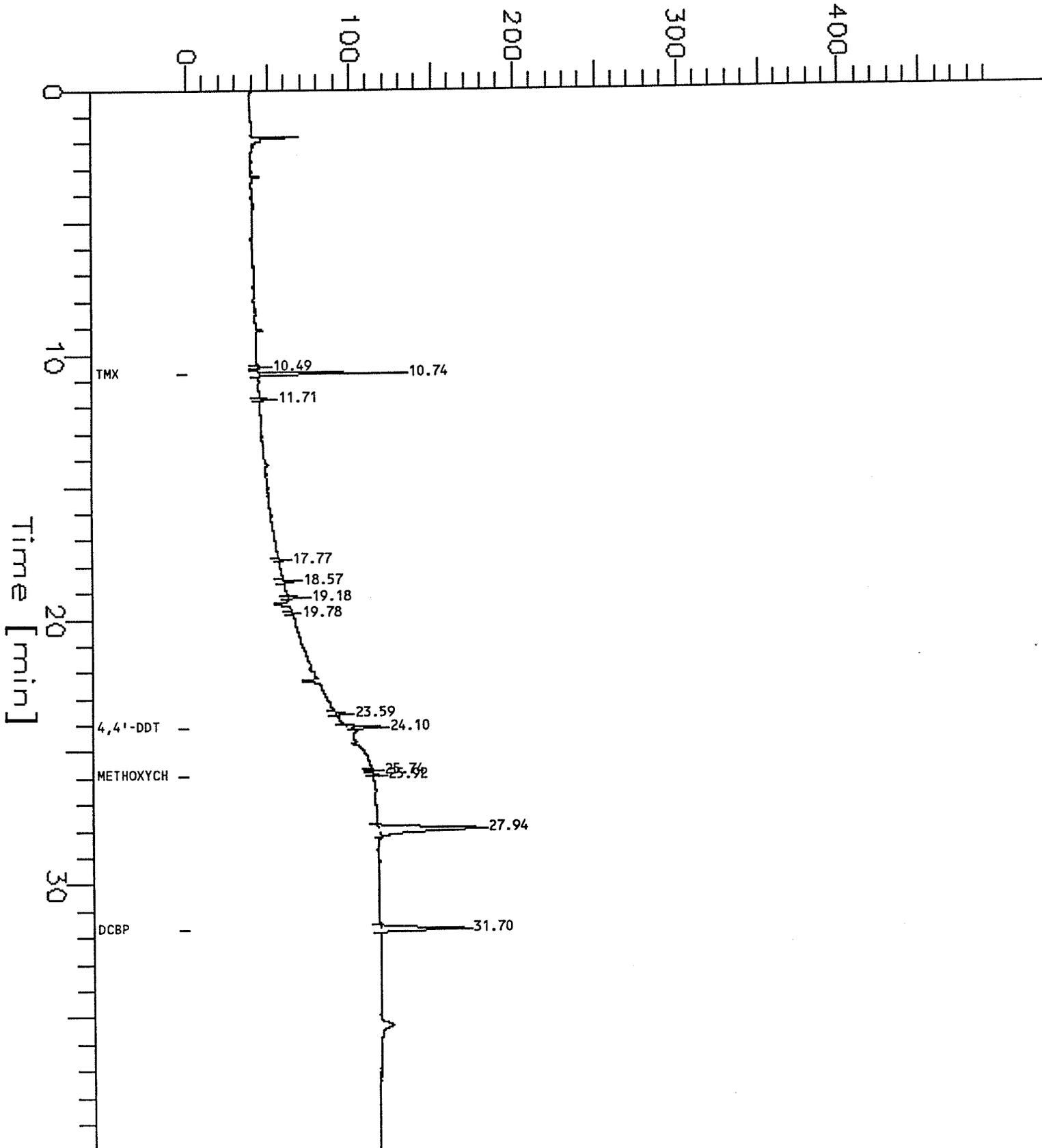
Low Point : 0.00 mV

Plot Scale: 500 mV

Page 1 of 1

High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK07

Lab Name: RECRA ENVIRON Contract: C002412

Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393

Matrix: (soil/water) WATER Lab Sample ID: ICM3EB07

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

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

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/26/93

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

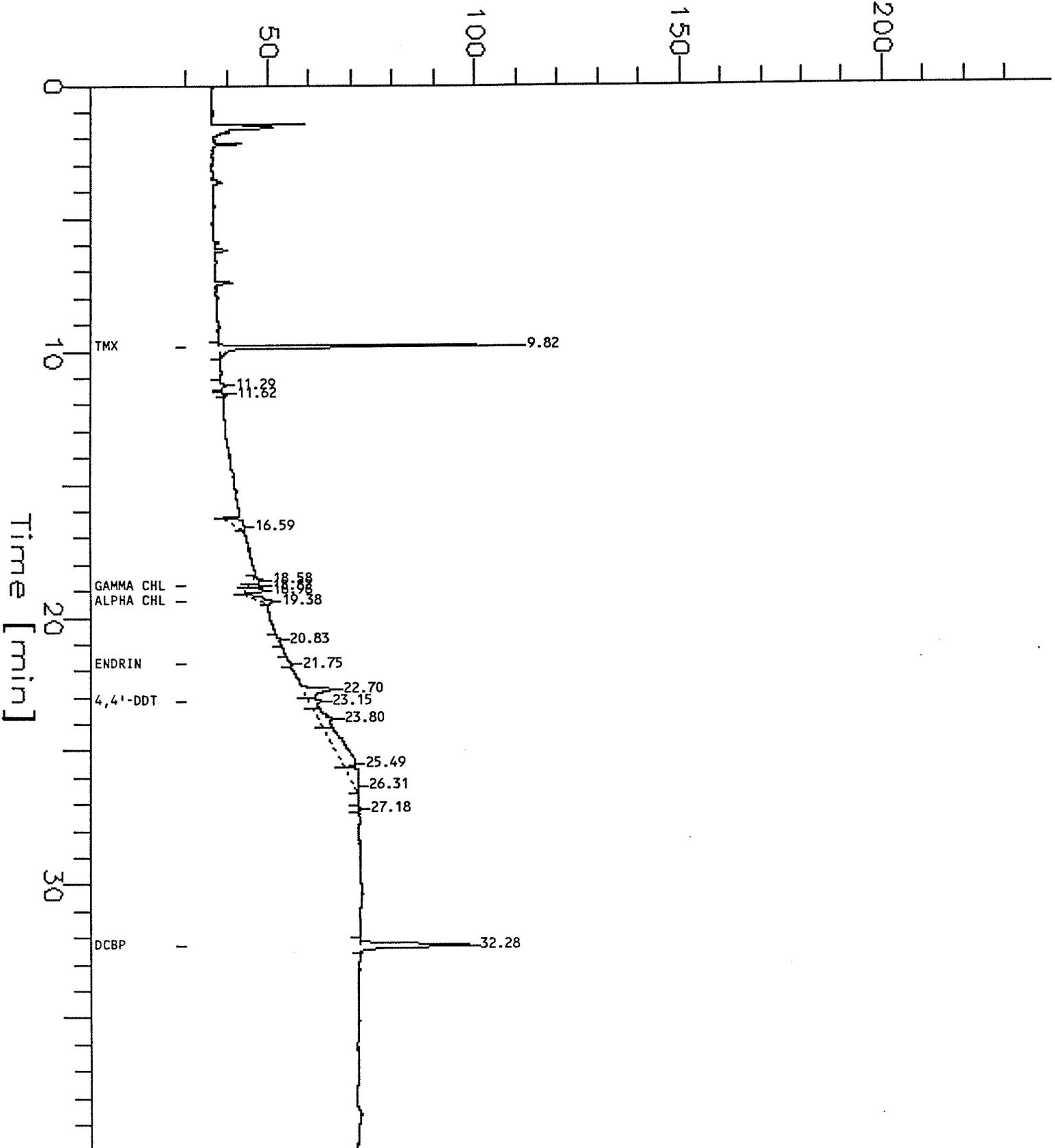
319-84-6-----	alpha-BHC	0.050	U
319-85-7-----	beta-BHC	0.050	U
319-86-8-----	delta-BHC	0.050	U
58-89-9-----	gamma-BHC (Lindane)	0.050	U
76-44-8-----	Heptachlor	0.050	U
309-00-2-----	Aldrin	0.050	U
1024-57-3-----	Heptachlor epoxide	0.050	U
959-98-8-----	Endosulfan I	0.050	U
60-57-1-----	Dieldrin	0.10	U
72-55-9-----	4,4'-DDE	0.10	U
72-20-8-----	Endrin	0.10	U
33213-65-9-----	Endosulfan II	0.10	U
72-54-8-----	4,4'-DDD	0.10	U
1031-07-8-----	Endosulfan sulfate	0.10	U
50-29-3-----	4,4'-DDT	0.10	U
72-43-5-----	Methoxychlor	0.50	U
53494-70-5-----	Endrin ketone	0.10	U
7421-93-4-----	Endrin aldehyde	0.10	U
5103-71-9-----	alpha-Chlordane	0.050	U
5103-74-2-----	gamma-Chlordane	0.050	U
8001-35-2-----	Toxaphene	5.0	U
12674-11-2-----	Aroclor-1016	1.0	U
11104-28-2-----	Aroclor-1221	2.0	U
11141-16-5-----	Aroclor-1232	1.0	U
53469-21-9-----	Aroclor-1242	1.0	U
12672-29-6-----	Aroclor-1248	1.0	U
11097-69-1-----	Aroclor-1254	1.0	U
11096-82-5-----	Aroclor-1260	1.0	U

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33078.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK07
Date : 8/26/93 12:28
Time of Injection: 8/26/93 05:17
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 8/26/93 12:29
Sample Number: PIBLK07        Study      :
Operator      :

Instrument   : 970_-9          Channel   : B      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/26/93 05:17
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33078.raw
Result File   : f:\turbo32\khorvat\9b33078.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.77	339206	TMX	84955.59	0.0161
10	19.81	62877		1147.92	0.0629
14	23.62	171530		2998.82	0.1715
15	24.13	62412		10681.89	0.0624
16	25.78	92907		1642.56	0.0929
17	27.99	342499		27929.01	0.3425
18	31.76	392494	DCBP	48025.03	0.0162
1463925				177380.81	

8/28/93 92

```

=====
5890-9      DB1701 COLUMN #163      Channel B
=====
  
```

Sample Name : ICM3EB

FileName : f:\turbo32\khorvat\9b33078.raw

Method : 9-33D.ins

Start Time : 0.00 min

Scale Factor: 0

End Time : 40.00 min

Plot Offset: 0 mV

Sample #: PIBLK07

Date : 8/26/93 12:29

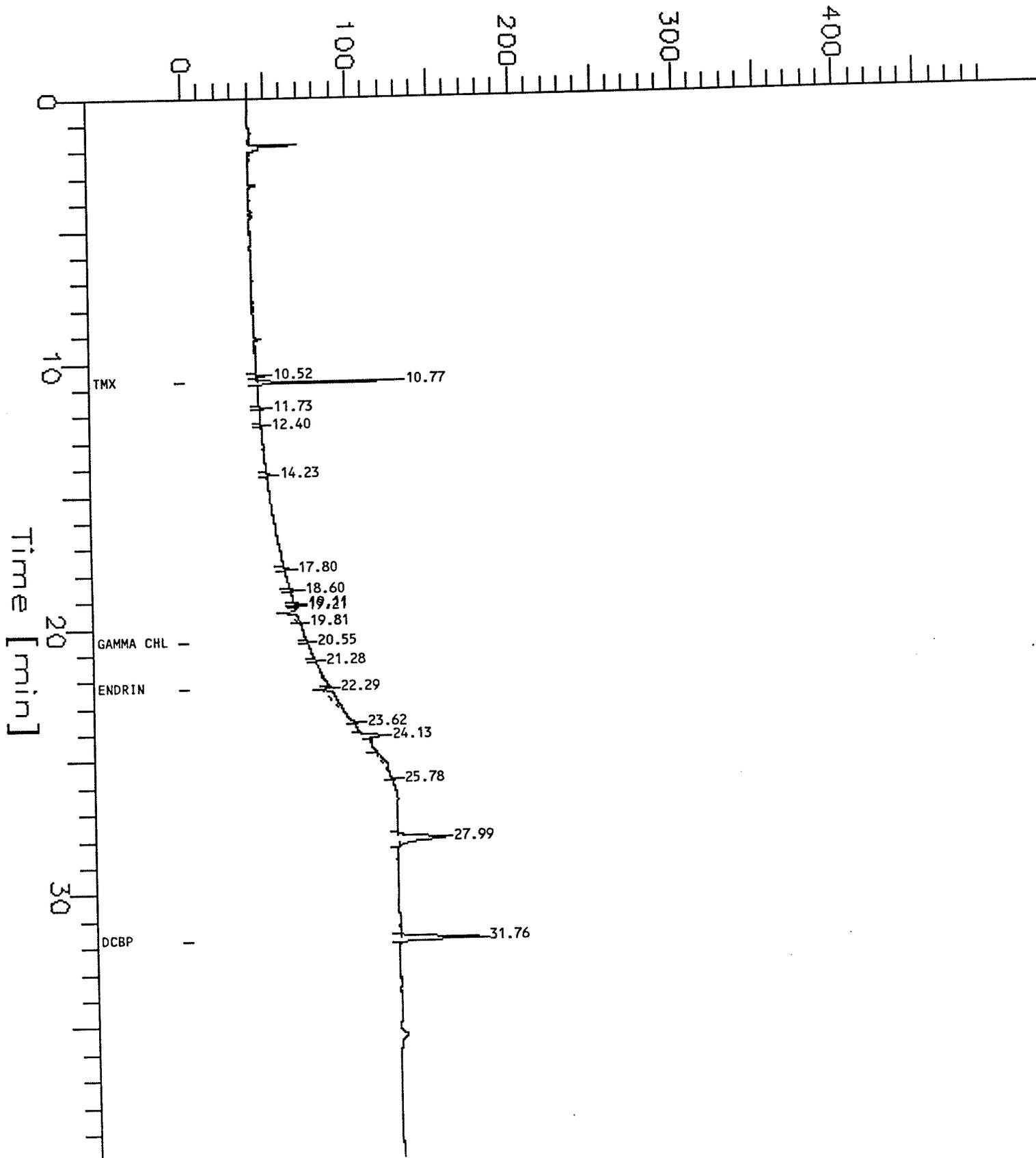
Time of Injection: 8/26/93 05:17

Low Point : 0.00 mV

Plot Scale: 500 mV

High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK08

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB08
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/26/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-93-4-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 8/27/93 09:14
Sample Number: PIBLK08        Study      :
Operator    :

Instrument  : 970 -_9          Channel   : A      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/26/93 16:45
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate   : 2.9412 pts/sec
  
```

```

Raw Data File  : f:\turbo32\khorvat\9a33092.raw
Result File    : f:\turbo32\khorvat\9a33092.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33A.prc
Sample File    : f:\turbo32\khorvat\9-33AX.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	5890-9	DB608	COLUMN #152	Channel A
				Height [uV]	BL	Concentration	ng
1	9.79	383421	TMX	74155.04	BB	0.0179	
6	20.18	51986		450.67	BB	0.0520	
7	22.67	11039		8409.29	BB	0.0110	
8	23.76	11151		1516.31	BB	0.0112	
9	27.12	87767		1293.24	BB	0.0878	
10	32.19	275925	DCBP	29115.60	BB	0.0165	
				821289		114940.13	

8/27/93 GR

```

=====
5890-9      DB608 COLUMN #152      Channel A
=====

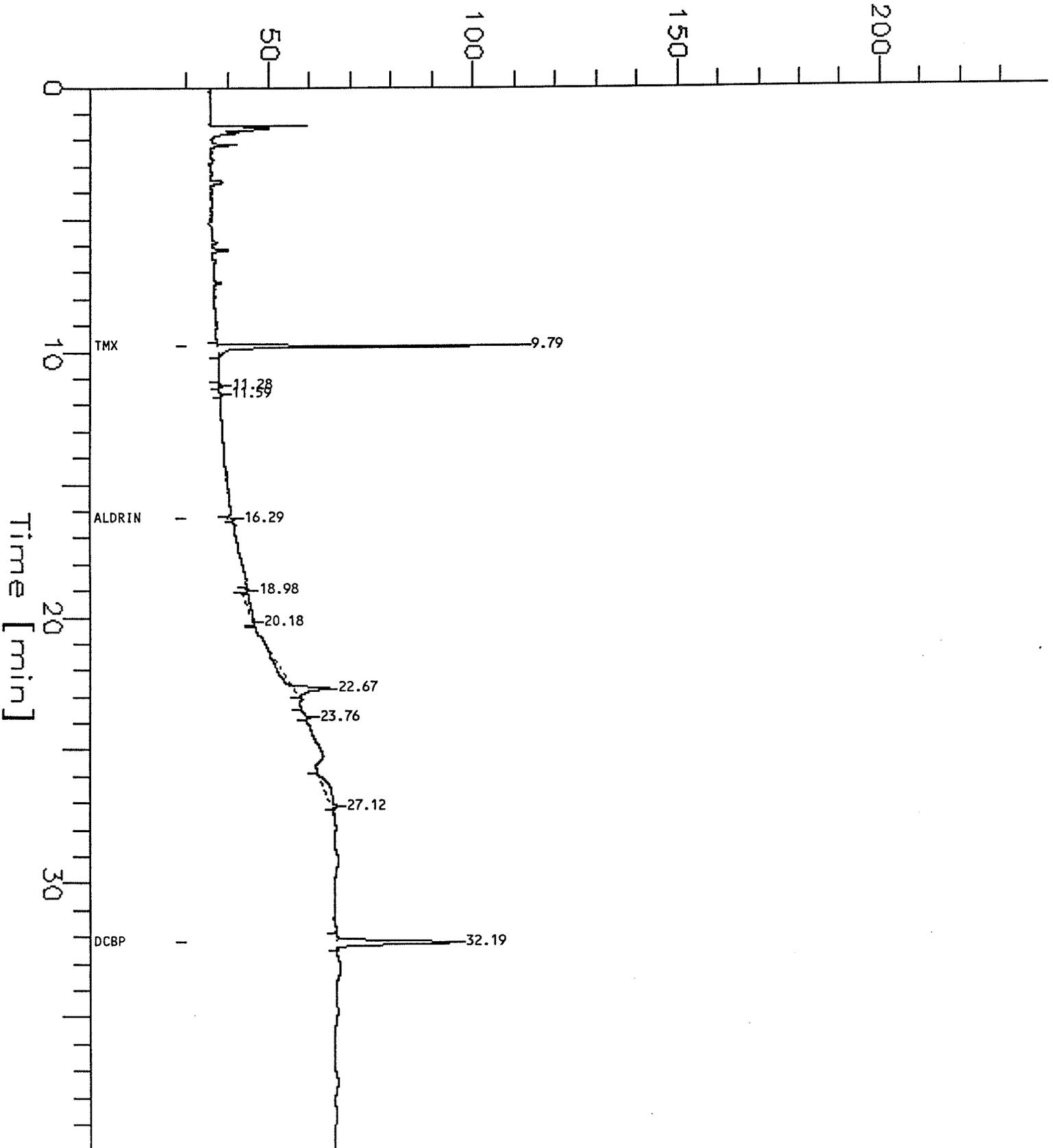
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33092.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK08
Date : 8/27/93 09:14
Time of Injection: 8/26/93 16:45
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM3EB Time : 8/27/93 09:15
 Sample Number: PIBLK08 Study :
 Operator :

Instrument : 970_-_9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 8/26/93 16:45
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33092.raw
 Result File : f:\turbo32\khorvat\9b33092.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration
2	10.73	355116	TMX	88630.83	0.0168
7	19.17	29373		1670.97	0.0294
8	20.15	157881		2166.47	0.1579
10	23.57	66573		876.28	0.0666
11	24.09	98306	4-L-DBT	15864.46	0.0065
13	27.93	66551		6945.03	0.0666
14	31.68	415791	DCBP	51254.05	0.0172
1189591				167408.09	

7/31/93

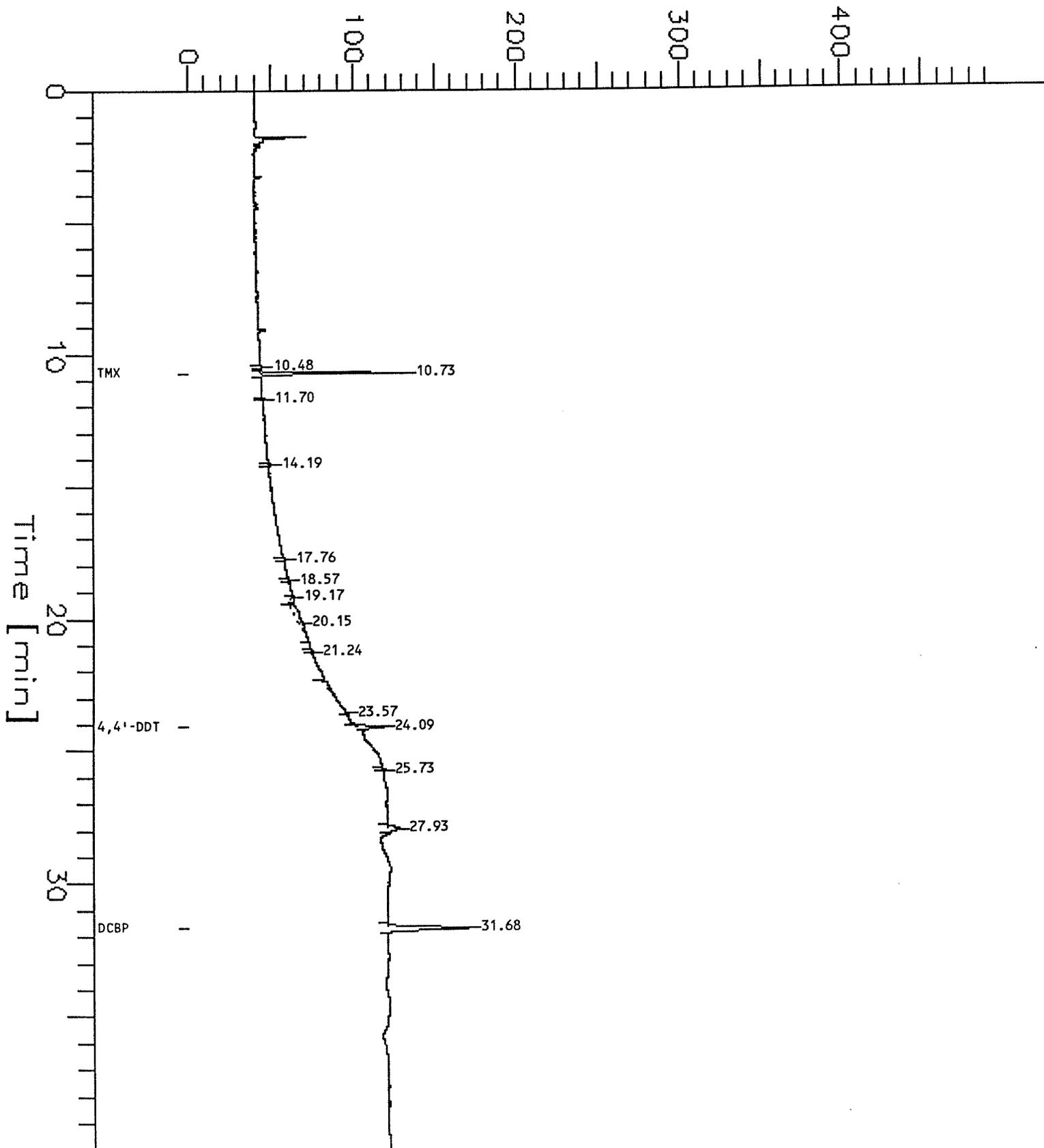
=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33092.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK08
Date : 8/27/93 09:15
Time of Injection: 8/26/93 16:45
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK09

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB09
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/27/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-93-4-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time      : 8/27/93 09:49
Sample Number: PIBLK09        Study     :
Operator      :

Instrument   : 970_-_9         Channel  : A    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/27/93 02:41
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9a33105.raw
Result File   : f:\turbo32\khorvat\9a33105.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.81	366197	TMX	70293.31	0.0171
4	22.72	23487		5155.05	0.0235
6	26.41	158262		1285.00	0.1583
7	32.26	252566	DCBP	26299.13	0.0151
800512				103032.48	

8/31/93

```

=====
5890-9          DB608 COLUMN #152      Channel A
=====

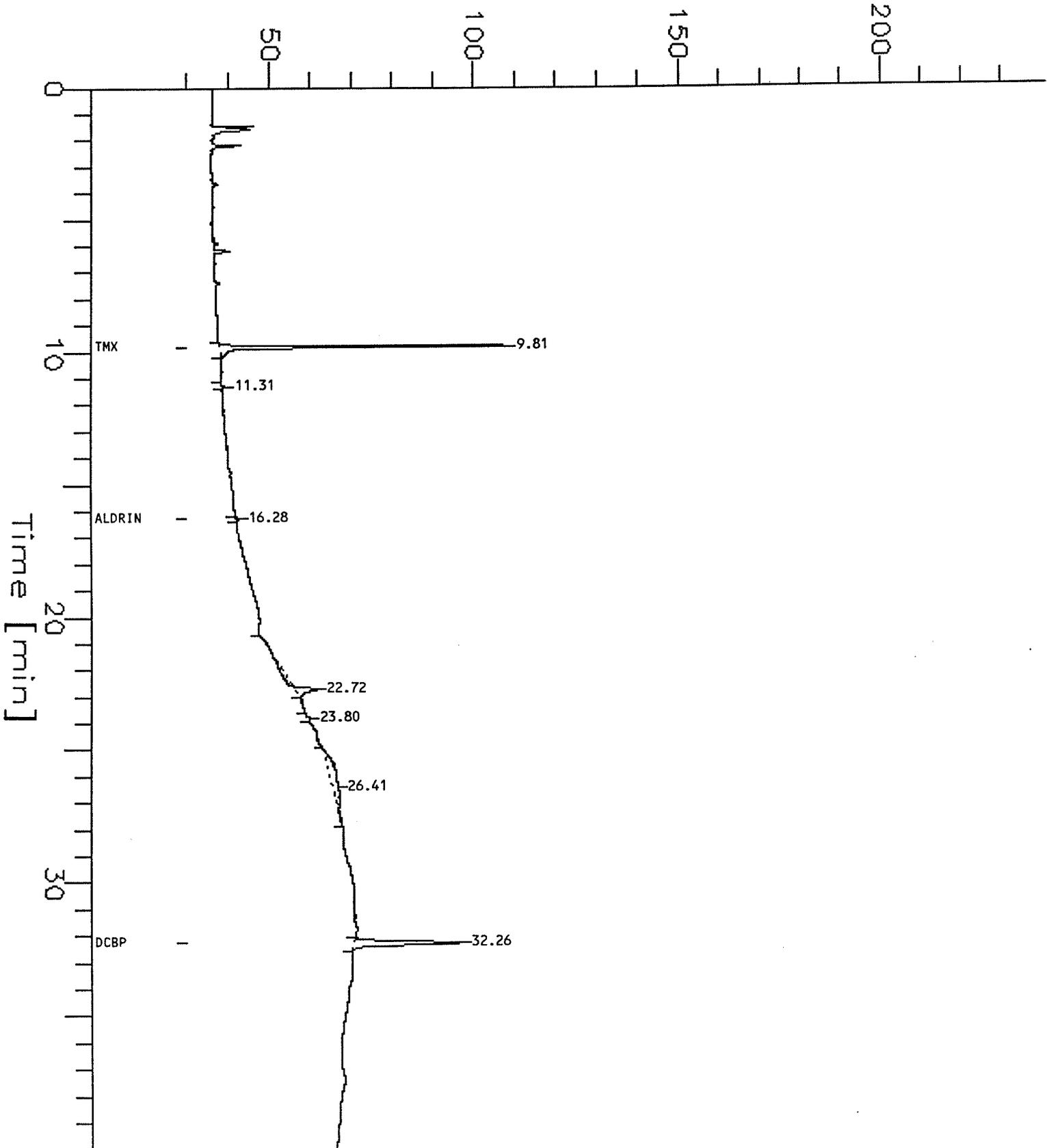
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33105.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK09
Date : 8/27/93 09:49
Time of Injection: 8/27/93 02:41
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time      : 8/27/93 09:50
Sample Number: PIBLK09        Study     :
Operator    :

Instrument  : 970_-9           Channel  : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 8/27/93 02:41
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33105.raw
Result File   : f:\turbo32\khorvat\9b33105.rst
Instrument File: f:\turbo32\khorvat\9-330.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 20000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

=====

		5890-9	DB1701	COLUMN #163	Channel B
Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.76	334903	TMX	83463.91 BB	0.0159
5	24.12	69278	4,4 DDT	10437.06 BB	0.0046
6	31.74	383531	DCBP	47128.35 BB	0.0159
		787712		141029.31	

8/27/93 02

```

=====
5890-9      DB1701 COLUMN #163      Channel B
=====
  
```

Sample Name : 1CM3EB

FileName : f:\turbo32\khorvat\9b33105.raw

Method : 9-33D.ins

Start Time : 0.00 min

Scale Factor: 0

End Time : 40.00 min

Plot Offset: 0 mV

Sample #: PIBLK09

Date : 8/27/93 09:50

Time of Injection: 8/27/93 02:41

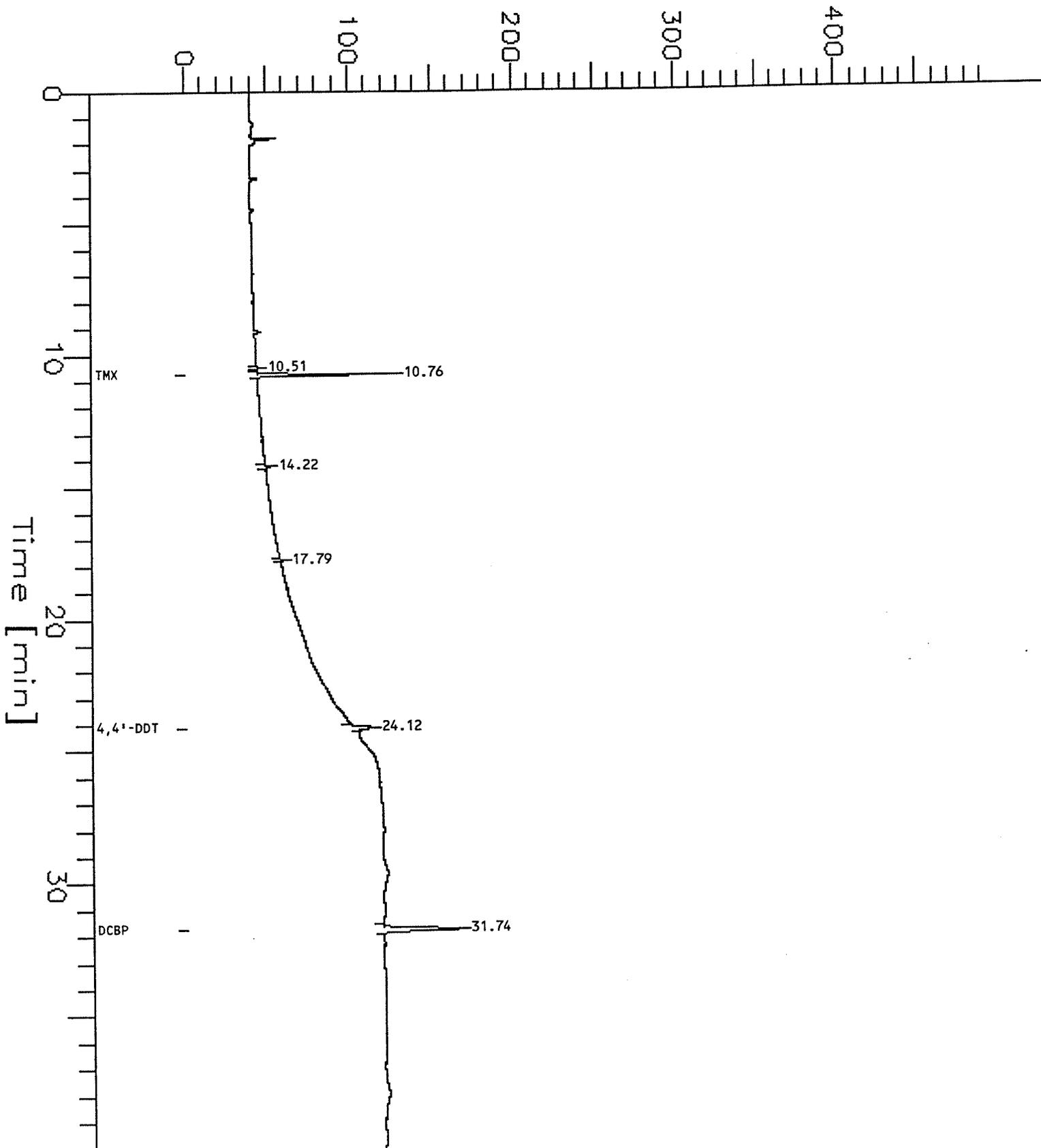
Low Point : 0.00 mV

Plot Scale: 500 mV

Page 1 of 1

High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK10

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB10
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/27/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

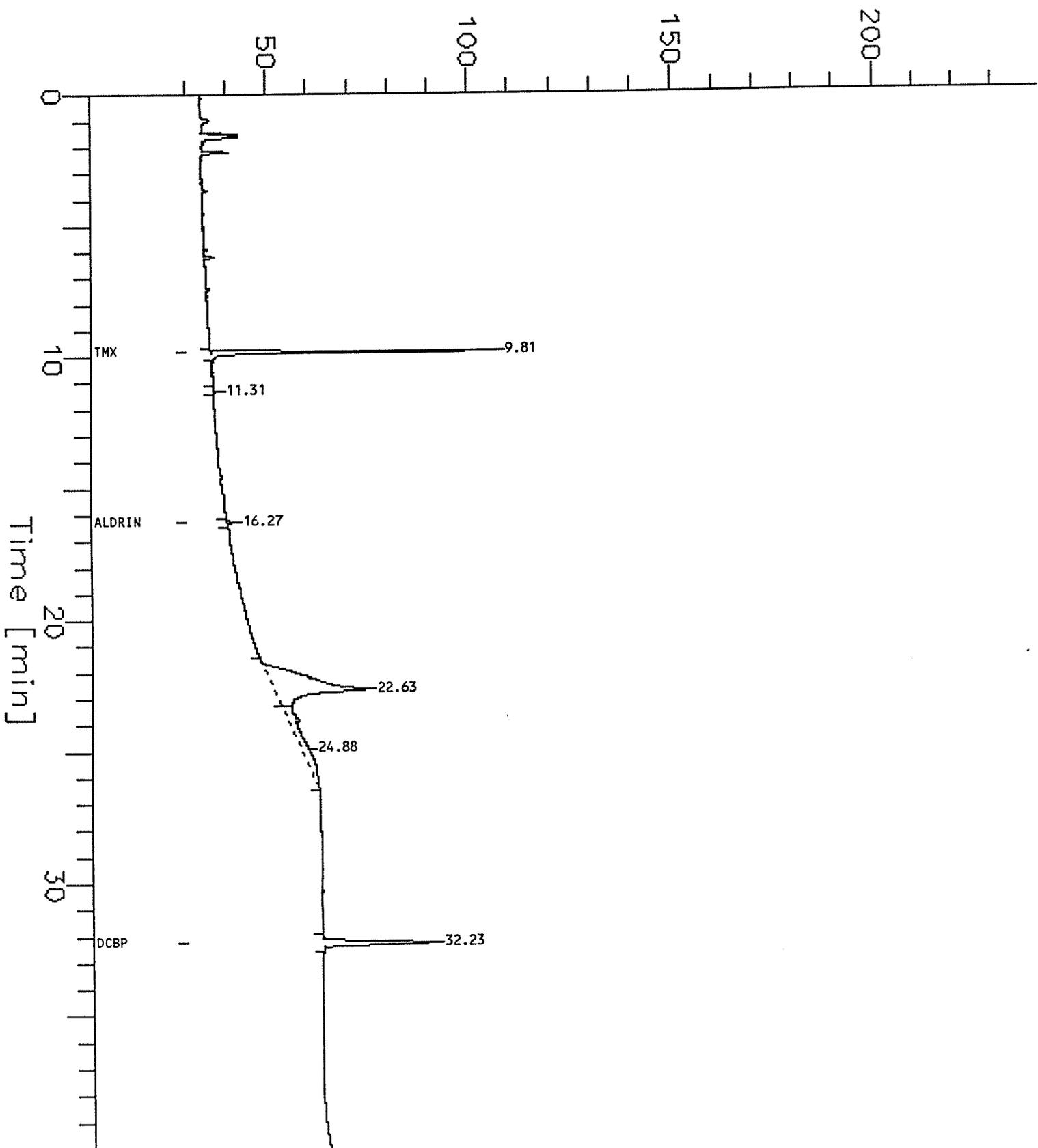
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33116.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

Sample #: PIBLK10
Date : 08/30/93 10:16
Time of Injection: 08/27/93 13:30
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

End Time : 40.00 min
Plot Offset: 30 mV

DB608



=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM3EB Time : 08/30/93 10:16
 Sample Number: PIBLK10 Study :
 Operator :

Instrument : 970 _ _9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/27/93 13:30
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33116.raw
 Result File : f:\turbo32\khorvat\9b33116.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB1701 COLUMN #163 Channel B

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	10.74	332070	TMX	83631.66	0.0157
3	23.37	100641		7557.23	0.1006
4	24.07	236460	DDT	15673.07	0.0157
5	31.71	387863	DCBP	47358.50	0.0161
		1057034		154220.45	

8/21/93 *SR*

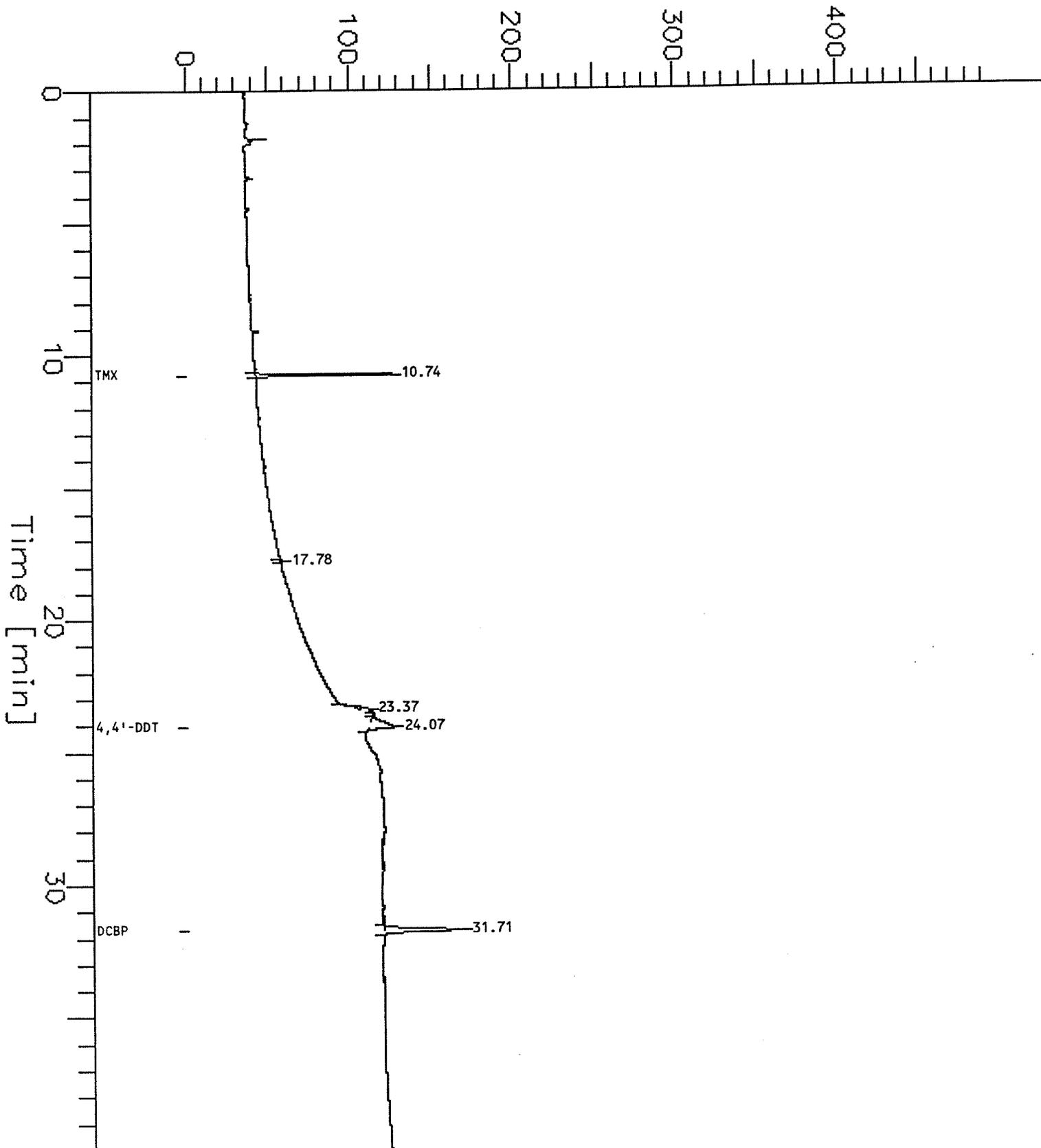
=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33116.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK10
Date : 08/30/93 10:16
Time of Injection: 08/27/93 13:30
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK11

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB11
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/28/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

=====
 Software Version: 3.2 <10J29>
 Sample Name : ICM3EB Time : 08/30/93 10:30
 Sample Number: PIBLK11 Study :
 Operator :

Instrument : 970_-9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/28/93 (12:14) 00.4
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33130.raw
 Result File : f:\turbo32\khorvat\9a33130.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB608 COLUMN #152 Channel A

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.80	388848	TMX	67592.40	BB	0.0182
4	22.71	95808		7358.50	BB	0.0958
6	32.22	283133	DCBP	28990.42	BB	0.0169
			767790	103941.32		

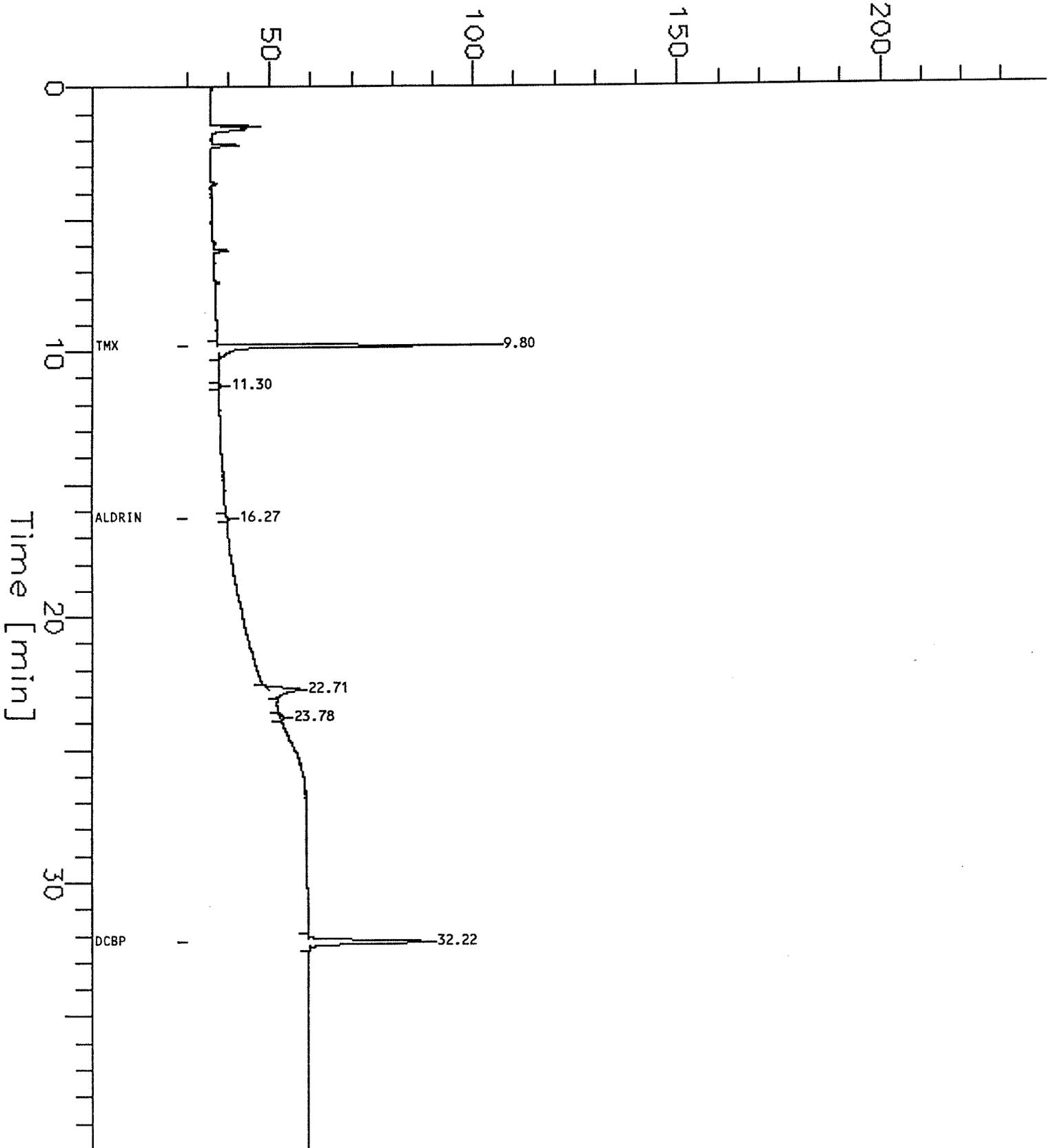
=====
 5890-9 DB608 COLUMN #152 Channel A
 =====
philas

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33130.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK11
Date : 08/30/93 10:30
Time of Injection: 08/28/93 (12:14) 0514
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



=====
 Software Version: 3.2 <10J29>

Sample Name : ICM3EB Time : 08/30/93 10:31
 Sample Number: PIBLK11 Study :
 Operator :

Instrument : 970 -_9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/28/93 (42:14) 0011
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33130.raw
 Result File : f:\turbo32\khorvat\9b33130.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB1701 COLUMN #163 Channel B

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.74	339473	TMX	84081.38	BB 0.0161
3	14.20	20177		4565.98	BB 0.0202
5	24.10	149991	4,6,11-DBT	11455.38	BB 0.0100
6	31.70	400520	DCBP	49043.40	BB 0.0166
				910161	149146.14

Staloz

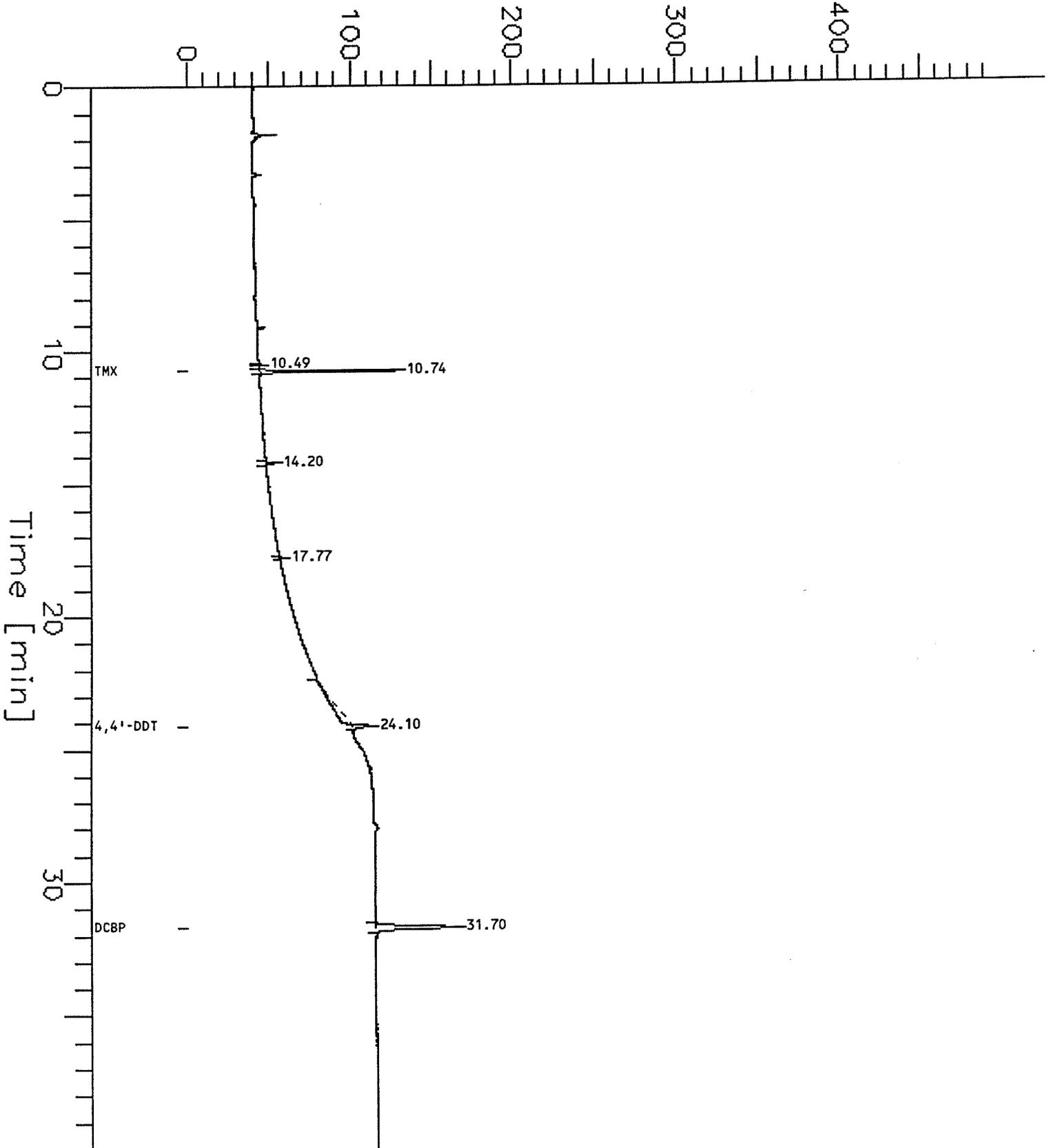
=====
 5890-9 DB1701 COLUMN #163 Channel B
 =====

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33130.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK11
Date : 08/30/93 10:31
Time of Injection: 08/28/93 42:14
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK12

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB12
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/28/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM3EB           Time       : 08/30/93 10:44
Sample Number: PIBLK12         Study      :
Operator      :

Instrument    : 970 _ 9          Channel : A    A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/28/93 10:55
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9a33144.raw
Result File     : f:\turbo32\khorvat\9a33144.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33AX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject   : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
Peak Ret Time      Area          Component          Height   BL Concentration
# [min] [uV/sec]      Name              [uV]     ng
-----
  1   9.81   363151 TMX                63976.64 BB   0.0170
  3  22.76   75181                    5608.22 BB   0.0752
  5  32.25  288126 DCBP                28915.49 BB   0.0172
-----
                    726459                      98500.35
  
```

8/31/93 *OR*

```

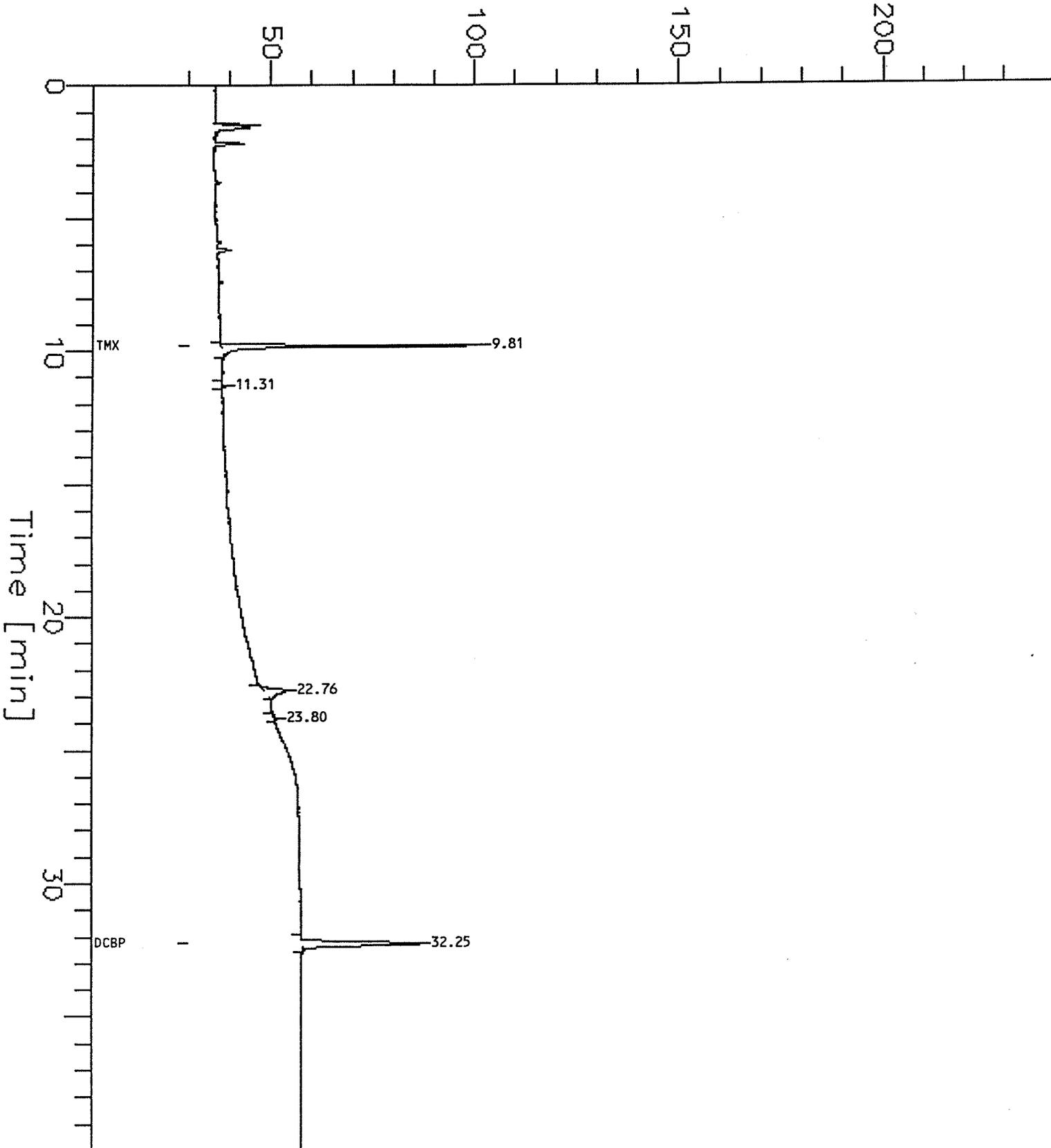
=====
                    5890-9      DB608 COLUMN #152      Channel A
=====
  
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33144.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK12
Date : 08/30/93 10:45
Time of Injection: 08/28/93 10:55
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



=====

Software Version: 3.2 <10J29>

Sample Name : ICM3EB Time : 08/30/93 10:45
 Sample Number: PIBLK12 Study :
 Operator :

Instrument : 970_9 Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/28/93 10:55
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33144.raw
 Result File : f:\turbo32\khorvat\9b33144.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	10.76	337715	TMX	83577.34	BB	0.0160
4	24.11	65191	4,4-DDT	9744.93	BB	0.0043
5	31.73	398729	DCBP	47765.03	BB	0.0165
801635				141087.30		

=====

8/30/93 SC

=====

5890-9	DB1701	COLUMN #163	Channel B
5890-9	DB1701	COLUMN #163	Channel B

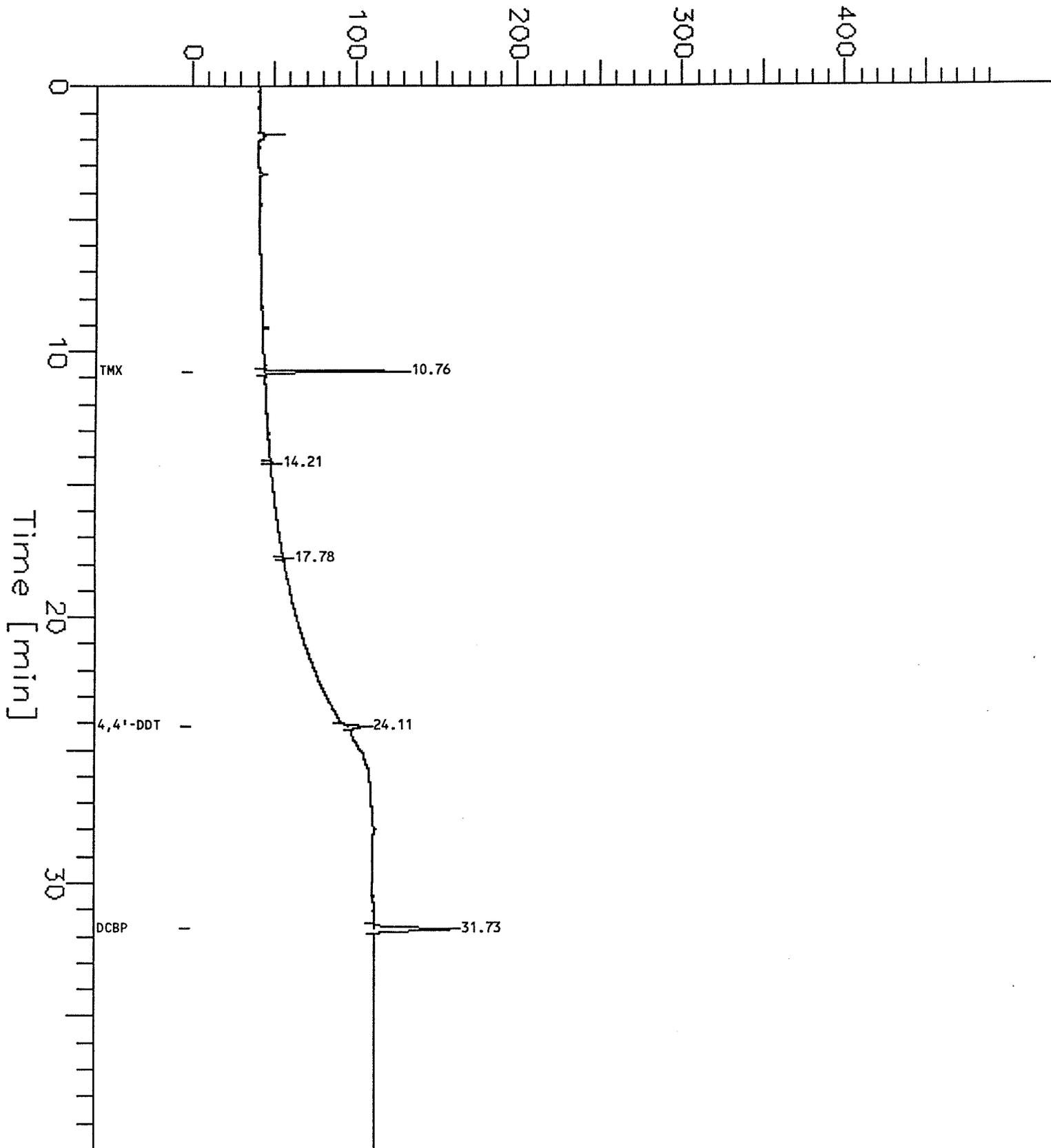
=====

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33144.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK12
Date : 08/30/93 10:45
Time of Injection: 08/28/93 10:55
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK13

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB13
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/28/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

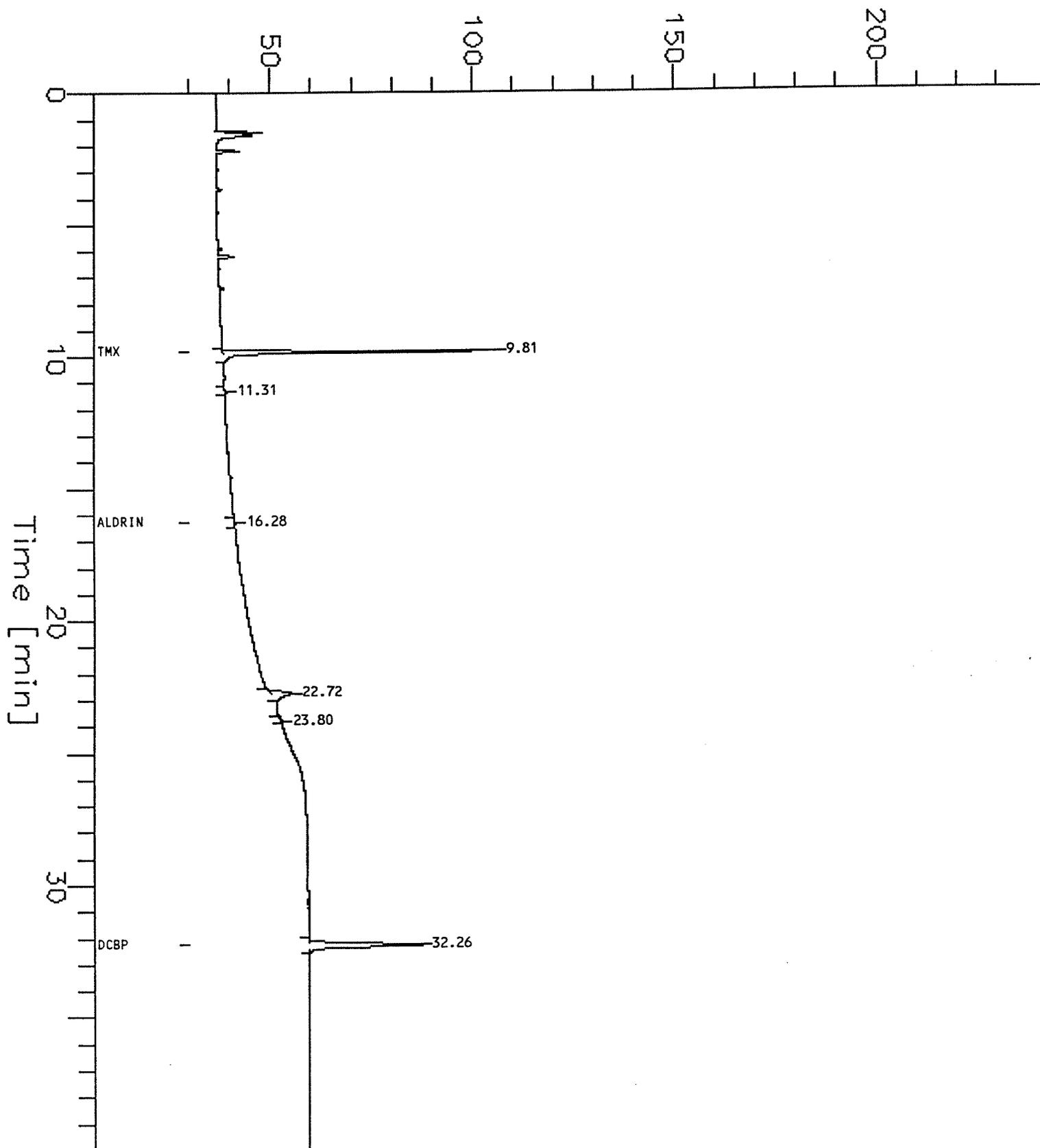
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33158.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK13
Date : 08/30/93 10:59
Time of Injection: 08/28/93 21:37
Low Point : 30.00 mV
Plot Scale: 200 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM3EB           Time       : 08/30/93  10:59
Sample Number: PIBLK13         Study      :
Operator      :

Instrument    : 970_ _9         Channel   : B      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/28/93  21:37
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec

```

```

Raw Data File   : f:\turbo32\khorvat\9b33158.raw
Result File     : f:\turbo32\khorvat\9b33158.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33B.prc
Sample File     : f:\turbo32\khorvat\9-33BX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume    : 1 ul           Area Reject   : 20000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00

```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
2	10.76	335737	TMX	83930.11	BB	0.0159
4	24.11	69213	Amphetamine DDT	10570.42	BB	0.0046
5	31.73	391880	DCBP	47915.25	BB	0.0162
796831				142415.78		

```

=====
5890-9          DB1701 COLUMN #163          Channel B
=====

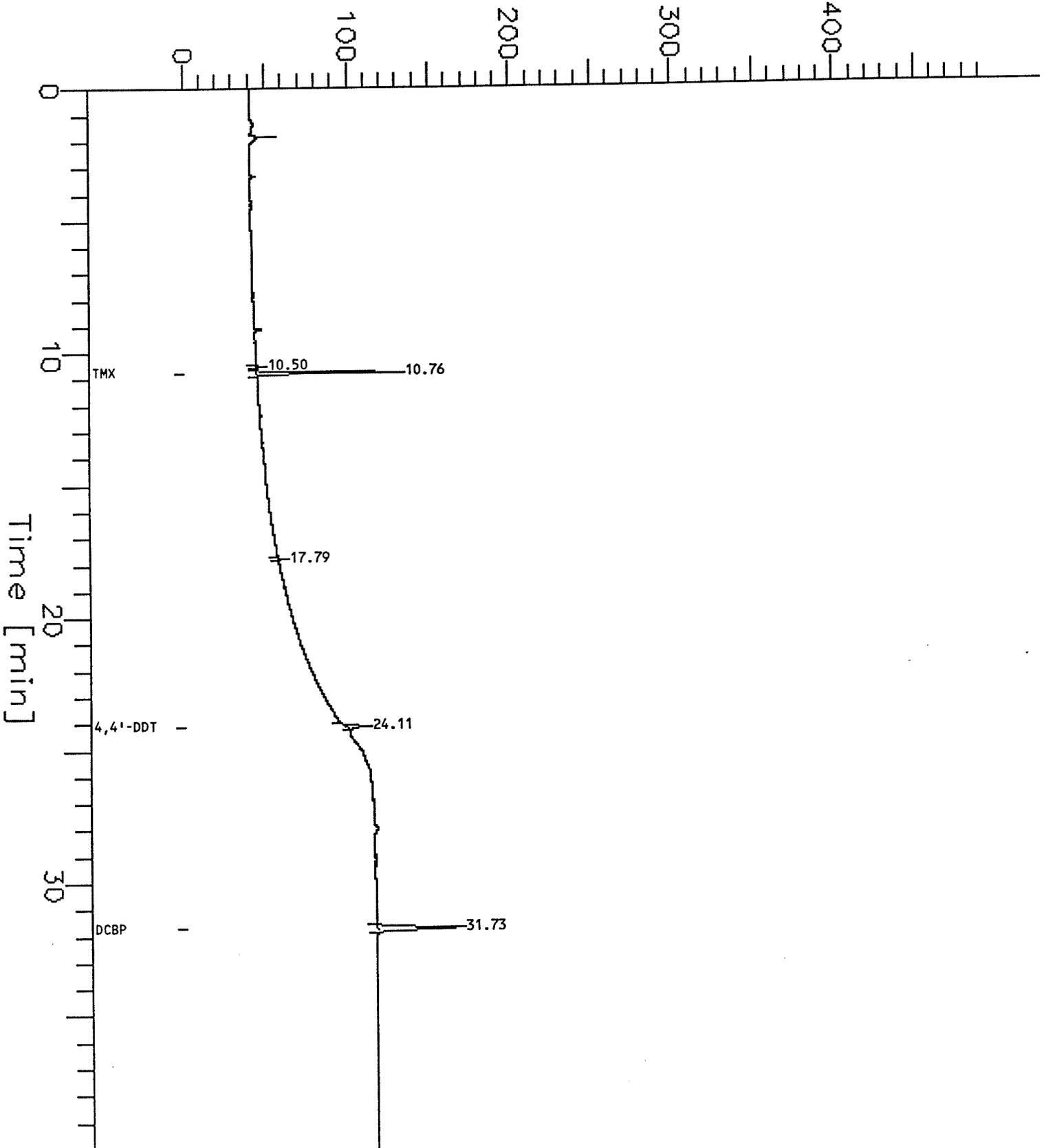
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33158.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset : 0 mV

Sample #: PIBLK13
Date : 08/30/93 10:59
Time of Injection: 08/28/93 21:37
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK14

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB14
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/29/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time      : 08/30/93  11:12
Sample Number: PIBLK14        Study     :
Operator      :

Instrument   : 970 -_9         Channel  : A    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/29/93  08:18
Delay Time       : 0.00  min.
End Time        : 40.00  min.
Sampling Rate   : 2.9412  pts/sec

```

```

Raw Data File : f:\turbo32\khorvat\9a33172.raw
Result File   : f:\turbo32\khorvat\9a33172.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00

```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.82	352441	TMX	64135.38	0.0165
4	22.76	56894		4374.79	0.0569
6	32.27	280893	DCBP	28289.57	0.0168
				690227	96799.74

```

=====

```

8/30/93

```

=====
5890-9      DB608 COLUMN #152      Channel A
=====

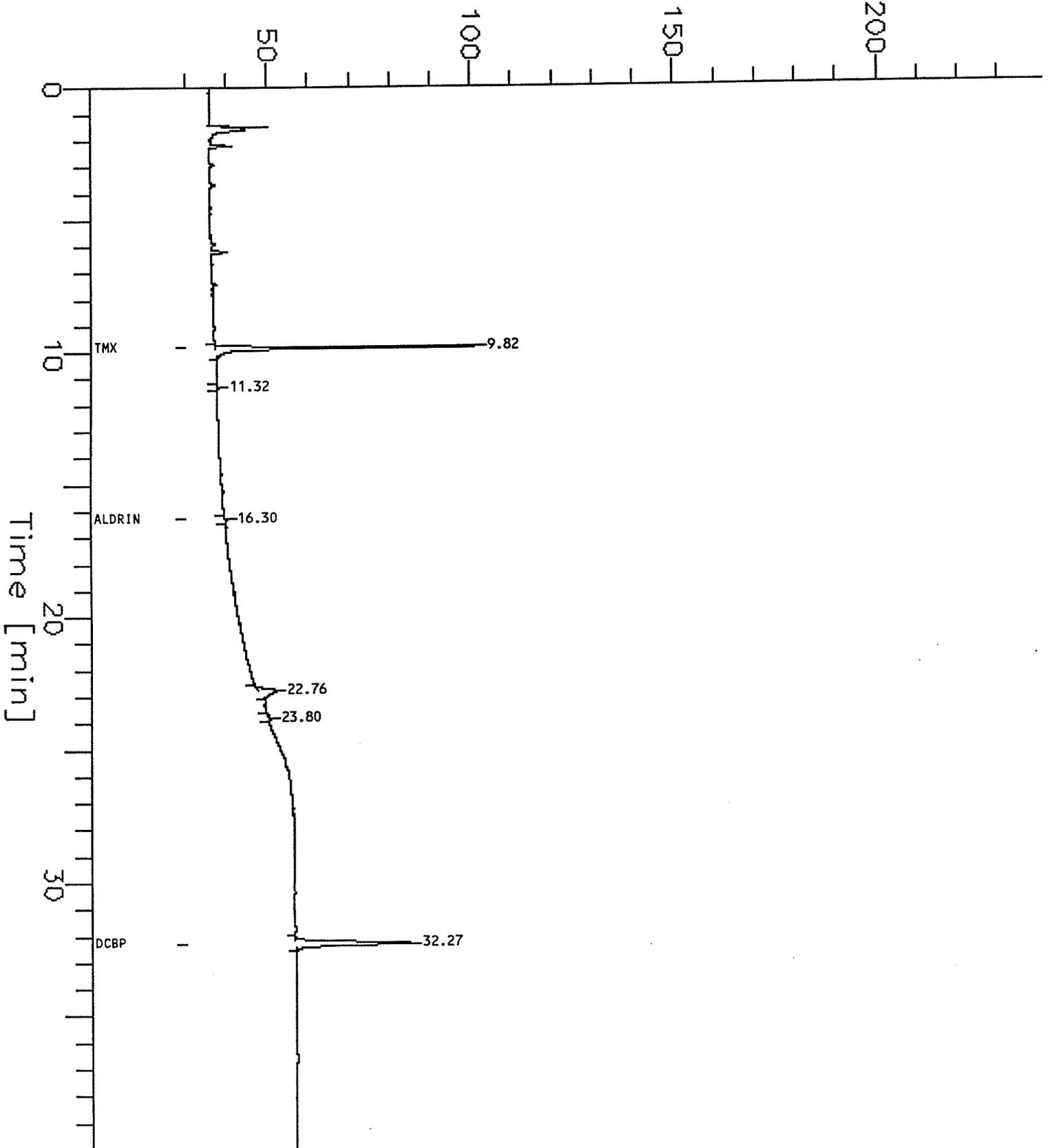
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33172.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK14
Date : 08/30/93 11:12
Time of Injection: 08/29/93 08:18
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



=====
 Software Version: 3.2 <10J29>

Sample Name : ICM3EB
 Sample Number: PIBLK14
 Operator :

Time : 08/30/93 11:12
 Study :

Instrument : 970_-9
 AutoSampler : NONE
 Rack/Vial : 0/0

Channel : B A/D mV Range : 1000

Interface Serial # : 2135574868 Data Acquisition Time: 08/29/93 08:18
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33172.raw
 Result File : f:\turbo32\khorvat\9b33172.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33B.prc
 Sample File : f:\turbo32\khorvat\9-33BX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 20000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====
 5890-9 DB1701 COLUMN #163 Channel B

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.77	337115	TMX	83448.84	0.0160
6	24.12	53516	4,4'-DDT	8565.06	0.0036
8	31.75	398238	DCBP	47146.51	0.0165
				788870	139160.41

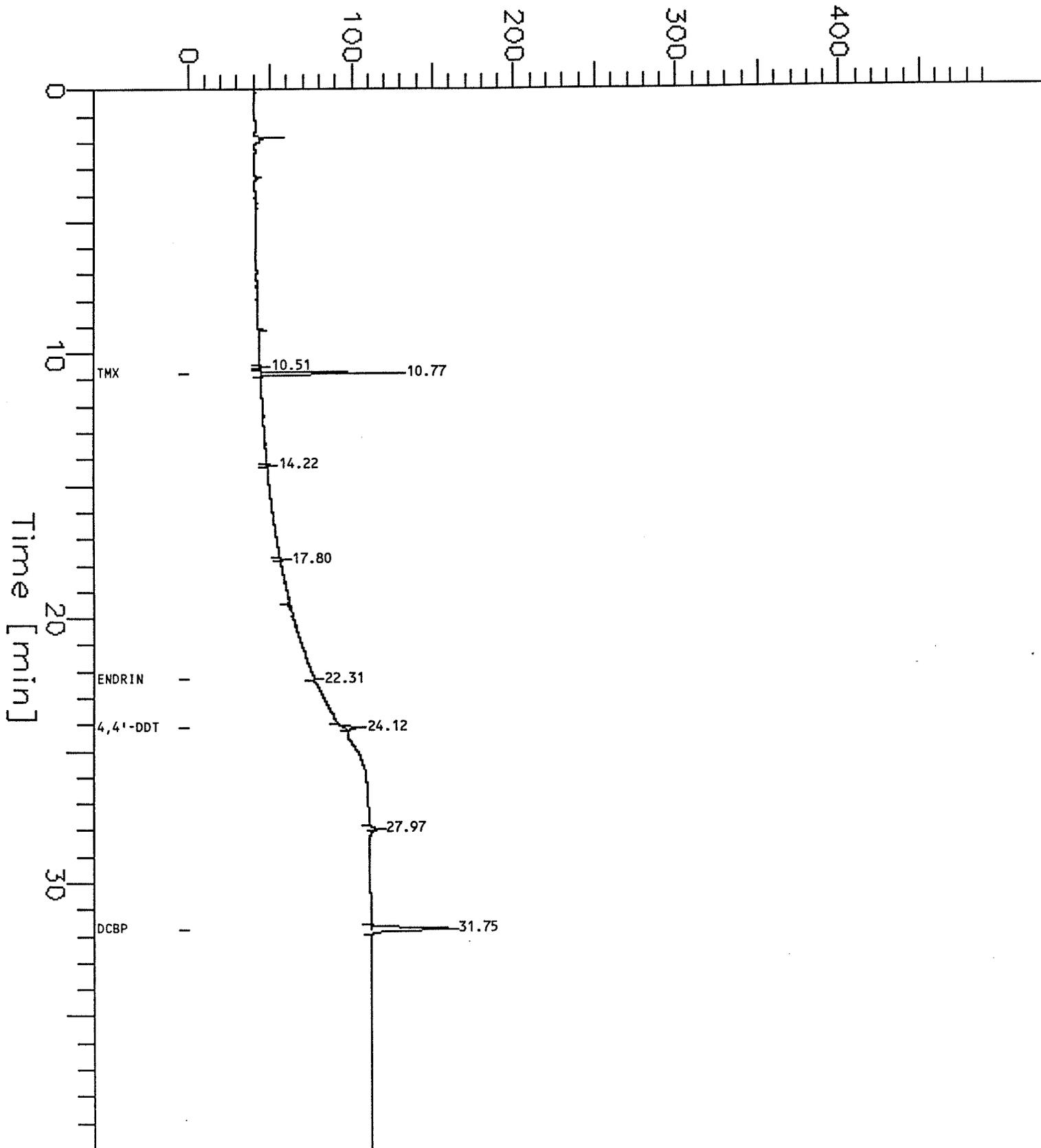
=====
 8/30/93 9
 5890-9 DB1701 COLUMN #163 Channel B
 =====

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33172.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK14
Date : 08/30/93 11:12
Time of Injection: 08/29/93 08:18
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK15

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB15
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/30/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB
Sample Number: PIBLK15
Operator :
Time : 08/30/93 14:42
Study :
Instrument : 970_9
AutoSampler : NONE
Rack/Vial : 0/0
Channel : A A/D mV Range : 1000
=====

```

```

Interface Serial # : 2135574868 Data Acquisition Time: 08/30/93 12:48
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
=====

```

```

Raw Data File : f:\turbo32\khorvat\9a33174.raw
Result File : f:\turbo32\khorvat\9a33174.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
=====

```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000
Area Reject : 10000.00
Dilution Factor : 1.00
=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL	Concentration ng
1	9.81	366088	TMX	68252.52	BB	0.0171
4	22.71	86142		7004.19	BB	0.0861
6	24.16	34227		2351.56	BV	0.0342
7	24.43	19108		1495.08	VB	0.0191
8	26.43	16722		1136.15	BB	0.0167
9	32.23	289279	DCBP	28944.34	BB	0.0173
811565				109183.84		

8/30/93 02

```

=====
5890-9 DB608 COLUMN #152 Channel A
=====

```

5890A9

1.0ul Inj

10796

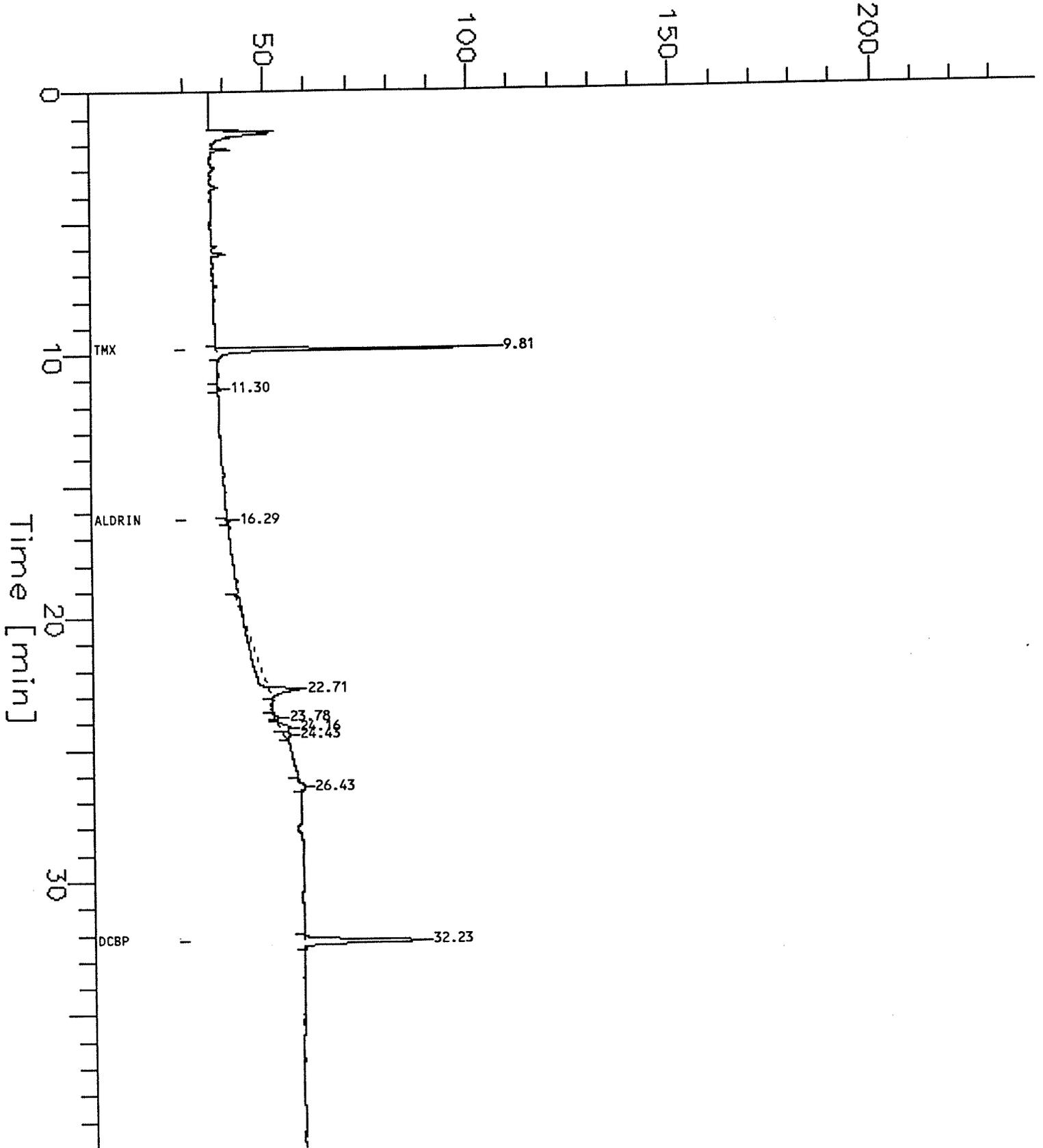
Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33174.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK15
Date : 08/30/93 14:42
Time of Injection: 08/30/93 12:48
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

Page 1 of 1

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 08/30/93  14:42
Sample Number: PIBLK15        Study      :
Operator      :

Instrument   : 970_-9          Channel  : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0

Interface Serial # : 2135574868  Data Acquisition Time: 08/30/93  12:48
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec

Raw Data File   : f:\turbo32\khorvat\9b33174.raw
Result File     : f:\turbo32\khorvat\9b33174.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33B.prc
Sample File     : f:\turbo32\khorvat\9-33BX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq

Inj. Volume    : 1 ul          Area Reject   : 20000.00
Sample Amount  : 1.0000       Dilution Factor : 1.00
=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.75	344705	TMX	85121.94	0.0163
6	22.27	229190	Endrin	1544.53	0.0179
7	23.59	42298		585.26	0.0423
8	24.10	97702	4- DDT	14877.91	0.0065
10	27.94	71098		6943.60	0.0711
11	31.71	402986	DCBP	48701.13	0.0167
1187980				157774.38	

8/31/93

```

=====
5890-9          DB1701 COLUMN #163          Channel B
=====

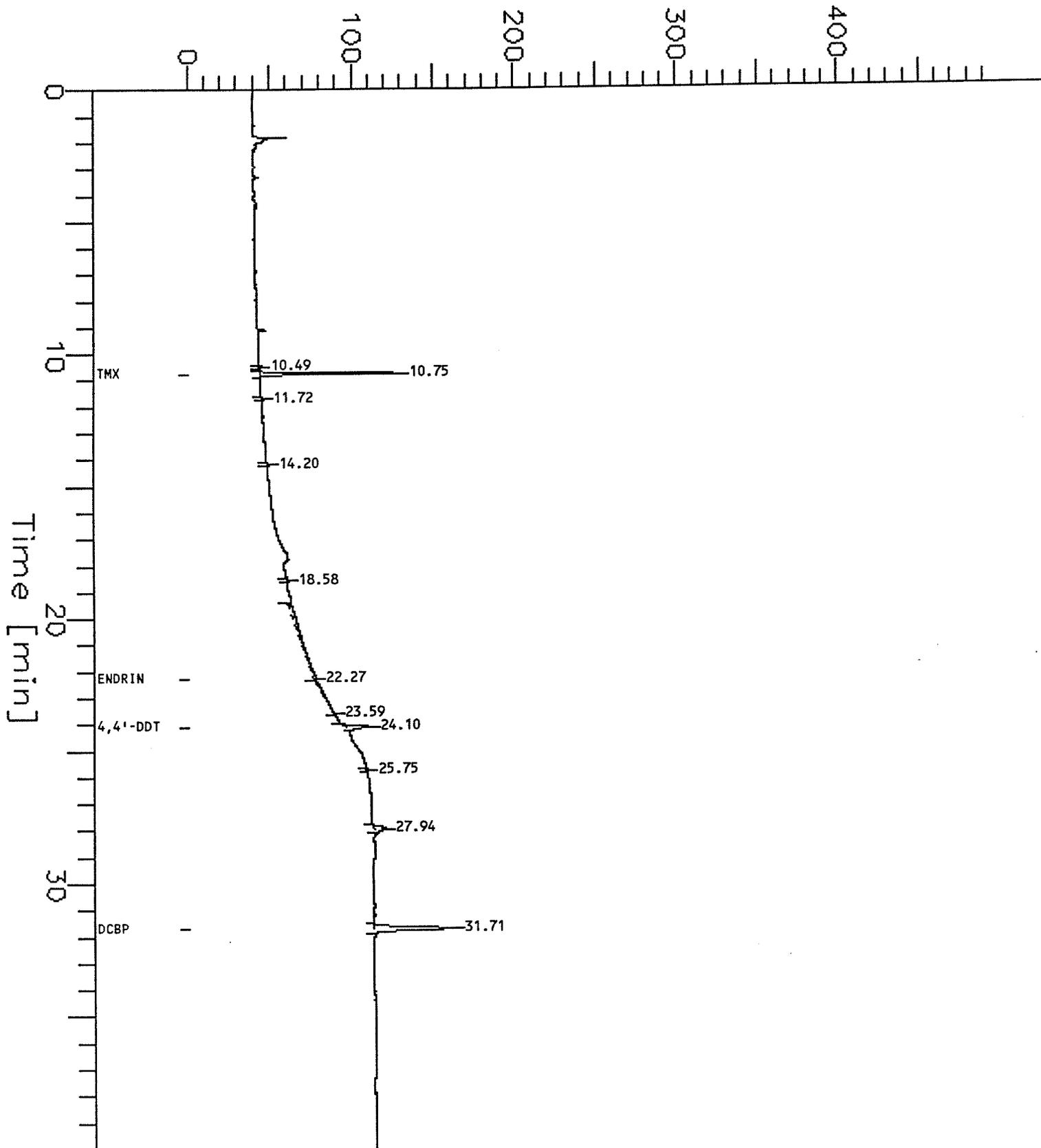
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33174.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK15
Date : 08/30/93 14:42
Time of Injection: 08/30/93 12:48
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK16

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB16
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/30/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

319-84-6- - - - -	alpha-BHC	0.050	U
319-85-7- - - - -	beta-BHC	0.050	U
319-86-8- - - - -	delta-BHC	0.050	U
58-89-9- - - - -	gamma-BHC (Lindane)	0.050	U
76-44-8- - - - -	Heptachlor	0.050	U
309-00-2- - - - -	Aldrin	0.050	U
1024-57-3- - - - -	Heptachlor epoxide	0.050	U
959-98-8- - - - -	Endosulfan I	0.050	U
60-57-1- - - - -	Dieldrin	0.10	U
72-55-9- - - - -	4,4'-DDE	0.10	U
72-20-8- - - - -	Endrin	0.10	U
33213-65-9- - - - -	Endosulfan II	0.10	U
72-54-8- - - - -	4,4'-DDD	0.10	U
1031-07-8- - - - -	Endosulfan sulfate	0.10	U
50-29-3- - - - -	4,4'-DDT	0.10	U
72-43-5- - - - -	Methoxychlor	0.50	U
53494-70-5- - - - -	Endrin ketone	0.10	U
7421-93-4- - - - -	Endrin aldehyde	0.10	U
5103-71-9- - - - -	alpha-Chlordane	0.050	U
5103-74-2- - - - -	gamma-Chlordane	0.050	U
8001-35-2- - - - -	Toxaphene	5.0	U
12674-11-2- - - - -	Aroclor-1016	1.0	U
11104-28-2- - - - -	Aroclor-1221	2.0	U
11141-16-5- - - - -	Aroclor-1232	1.0	U
53469-21-9- - - - -	Aroclor-1242	1.0	U
12672-29-6- - - - -	Aroclor-1248	1.0	U
11097-69-1- - - - -	Aroclor-1254	1.0	U
11096-82-5- - - - -	Aroclor-1260	1.0	U

=====

Software Version: 3.2 <10J29>
 Sample Name : ICM3EB Time : 08/31/93 07:56
 Sample Number: PIBLK16 Study :
 Operator :
 Instrument : 970_-9 Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 2135574868 Data Acquisition Time: 08/30/93 22:45
 Delay Time : 0.00 min.
 End Time : 40.00 min.
 Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9a33187.raw
 Result File : f:\turbo32\khorvat\9a33187.rst
 Instrument File: f:\turbo32\khorvat\9-33D.ins
 Process File : f:\turbo32\khorvat\9-33A.prc
 Sample File : f:\turbo32\khorvat\9-33AX.smp
 Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume : 1 ul Area Reject : 10000.00
 Sample Amount : 1.0000 Dilution Factor : 1.00

=====

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.79	371929	TMX	65496.37	0.0174
4	22.72	85028		6165.55	0.0850
6	32.21	292127	DCBP	29447.13	0.0174
				749083	101109.06

5/3/93

=====

5890-9 DB608 COLUMN #152 Channel A

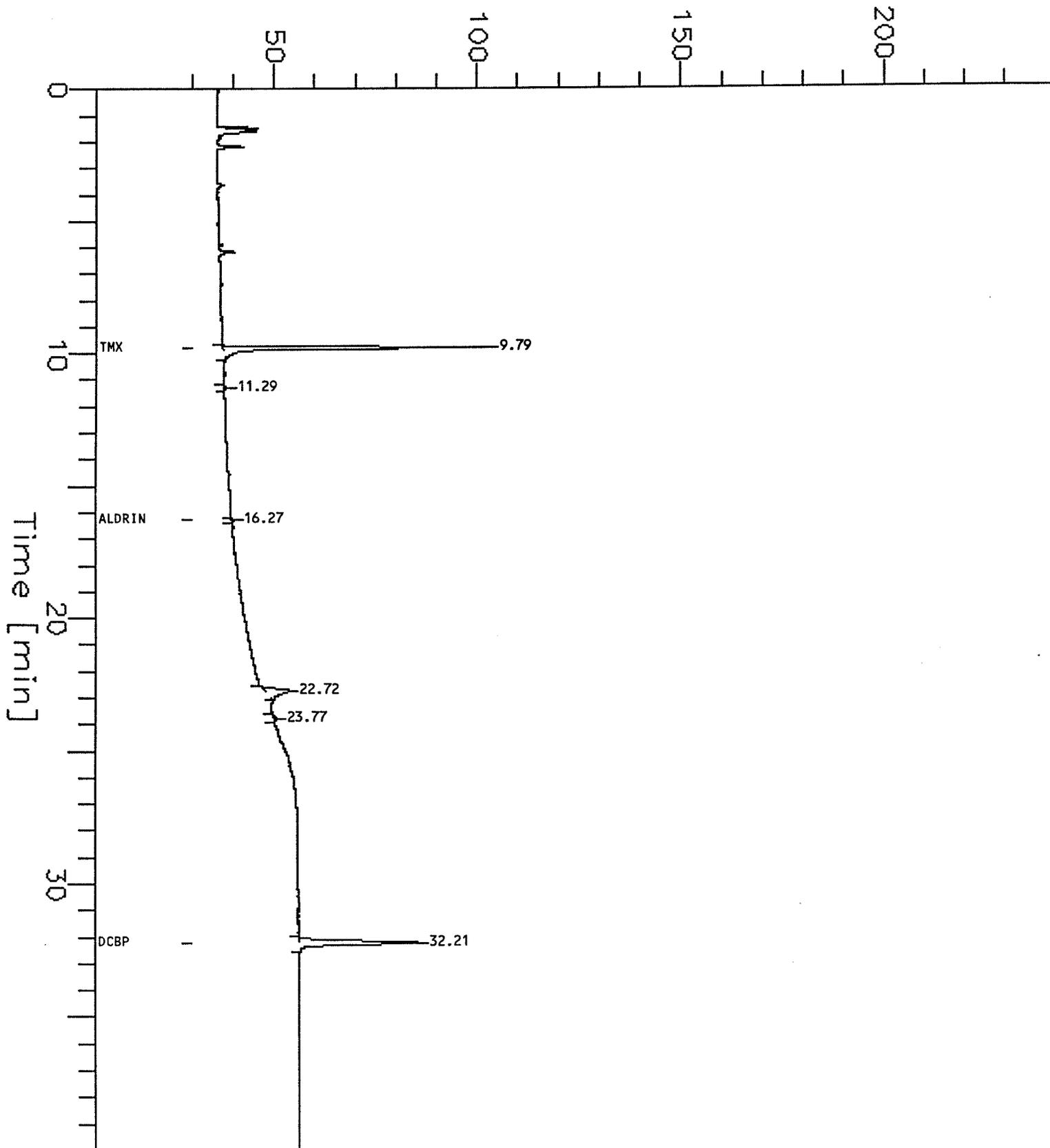
=====

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33187.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK16
Date : 08/31/93 07:56
Time of Injection: 08/30/93 22:45
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time : 08/31/93 07:57
Sample Number: PIBLK16       Study :
Operator :

Instrument : 970 - 9           Channel : B    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/30/93 22:45
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9b33187.raw
Result File : f:\turbo32\khorvat\9b33187.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33B.prc
Sample File : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000      Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	10.74	336136	TMX	83429.98	0.0159
4	24.09	74556	4,4'-DDT	11129.75	0.0050
6	31.68	395664	DCBP	47774.49	0.0164
		806356		142334.22	

8/31/93

```

=====
5890-9      DB1701 COLUMN #163      Channel B
=====

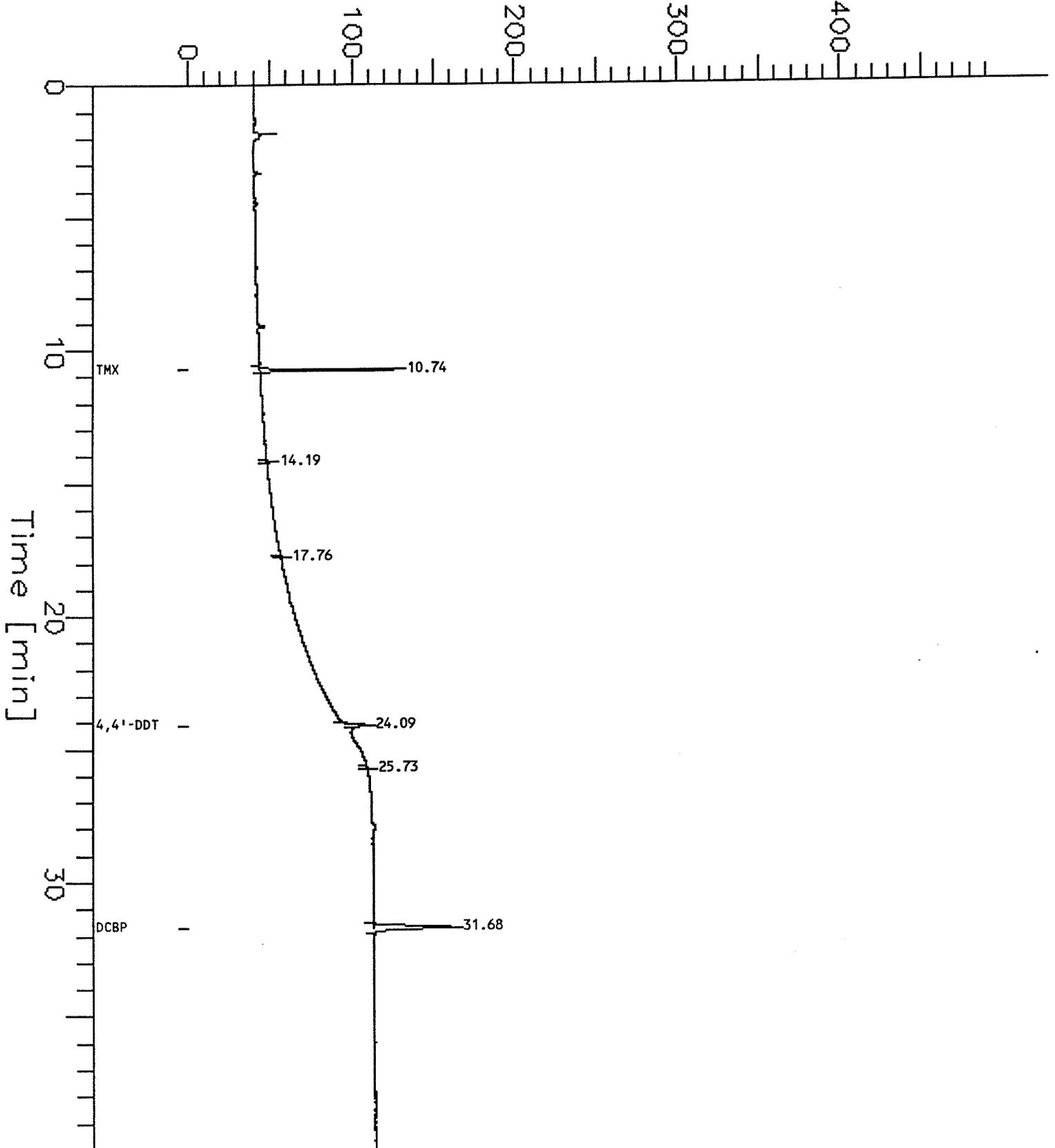
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33187.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK16
Date : 08/31/93 07:57
Time of Injection: 08/30/93 22:45
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

PIBLK17

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB17
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/31/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 08/31/93  11:35
Sample Number: PIBLK17        Study      :
Operator      :

Instrument   : 970_-9          Channel   : A      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/31/93  08:42
Delay Time       : 0.00  min.
End Time        : 40.00  min.
Sampling Rate   : 2.9412  pts/sec
  
```

```

Raw Data File  : f:\turbo32\khorvat\9a33200.raw
Result File    : f:\turbo32\khorvat\9a33200.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File   : f:\turbo32\khorvat\9-33A.prc
Sample File    : f:\turbo32\khorvat\9-33AX.smp
Sequence File  : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608  COLUMN #152      Channel A
Peak Ret Time      Area          Component      Height   BL Concentration
# [min] [uV/sec]      Name           [uV]     ng
-----
  1    9.80    399366  TMX                65127.01  BB    0.0187
  2   11.25    10981                   1591.49  BB    0.0110
  3   16.75    64951                   960.57  BB    0.0650
  4   22.71    41798                   5353.82  BB    0.0418
  6   23.77    13891                   2384.93  VB    0.0139
  7   27.48    100976                  162.39  BB    0.1010
  8   32.22    293330  DCBP                30090.99  BB    0.0175
-----
                    925291          105671.19
  
```

5890-9

```

=====
                    5890-9      DB608  COLUMN #152      Channel A
=====
  
```

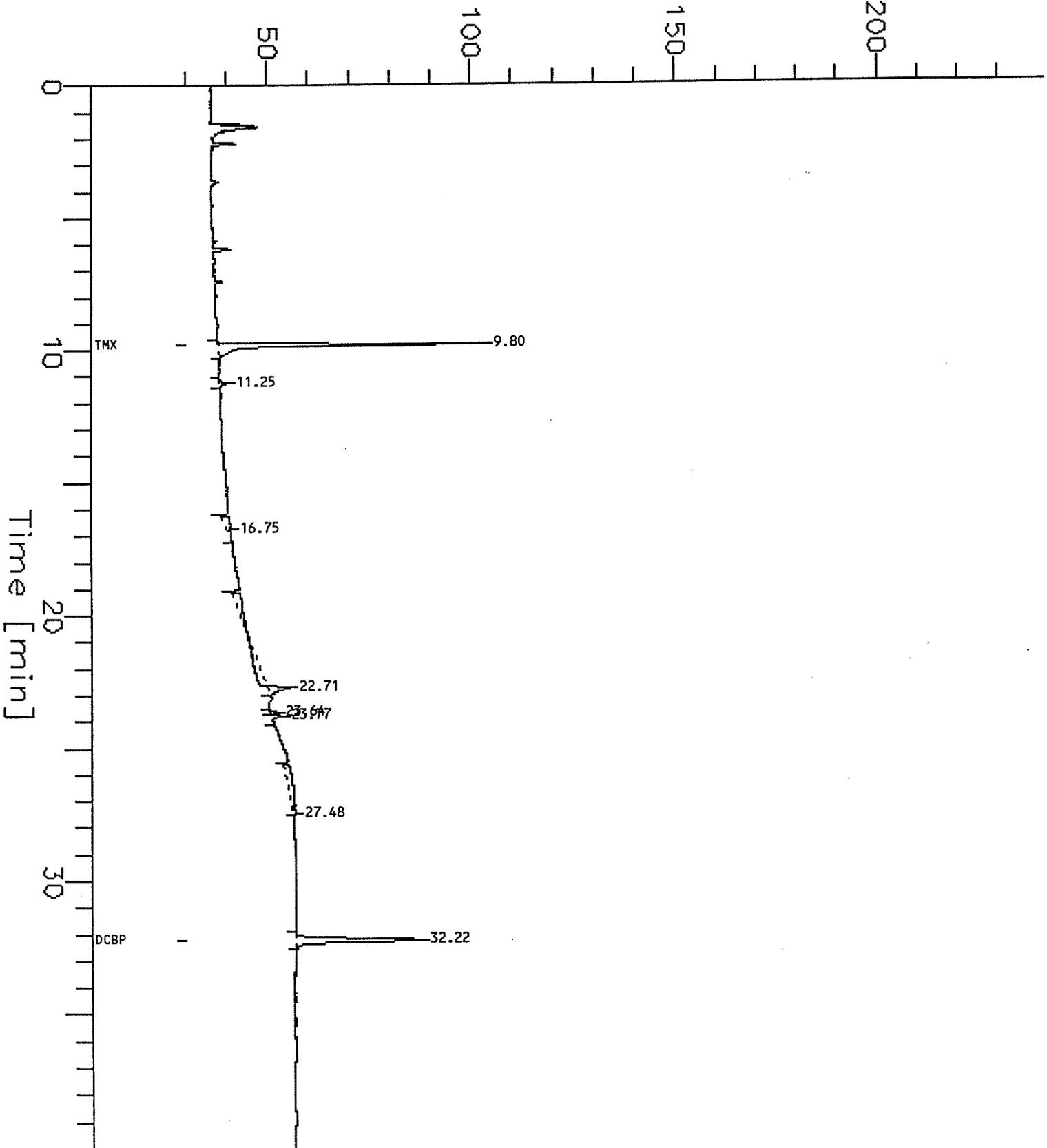
Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33200.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK17
Date : 08/31/93 11:35
Time of Injection: 08/31/93 08:42
Low Point : 30.00 mV
Plot Scale: 200 mV

Page 1 of 1
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time      : 08/31/93  11:57
Sample Number: PIBLK17        Study     :
Operator      :

Instrument   : 970_-_9         Channel  : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 08/31/93  08:42
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9b33200.raw
Result File     : f:\turbo32\khorvat\9b33200.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33B.prc
Sample File     : f:\turbo32\khorvat\9-33BX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject   : 20000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
2	10.75	340165	TMX	83353.38 BB	0.0161
4	14.19	21485		4760.12 BB	0.0215
7	19.08	65870		3786.38 BB	0.0659
8	21.83	303707		516.11 BB	0.3037
9	23.58	107336		780.41 BB	0.1073
10	24.09	66906	4-4-DDT	11426.50 BB	0.0045
11	25.74	79603		2260.07 BB	0.0796
12	27.94	94486		8767.15 BB	0.0945
13	31.69	403783	DCBP	48973.02 BB	0.0167
				1483341	164623.11

8/31/93

```

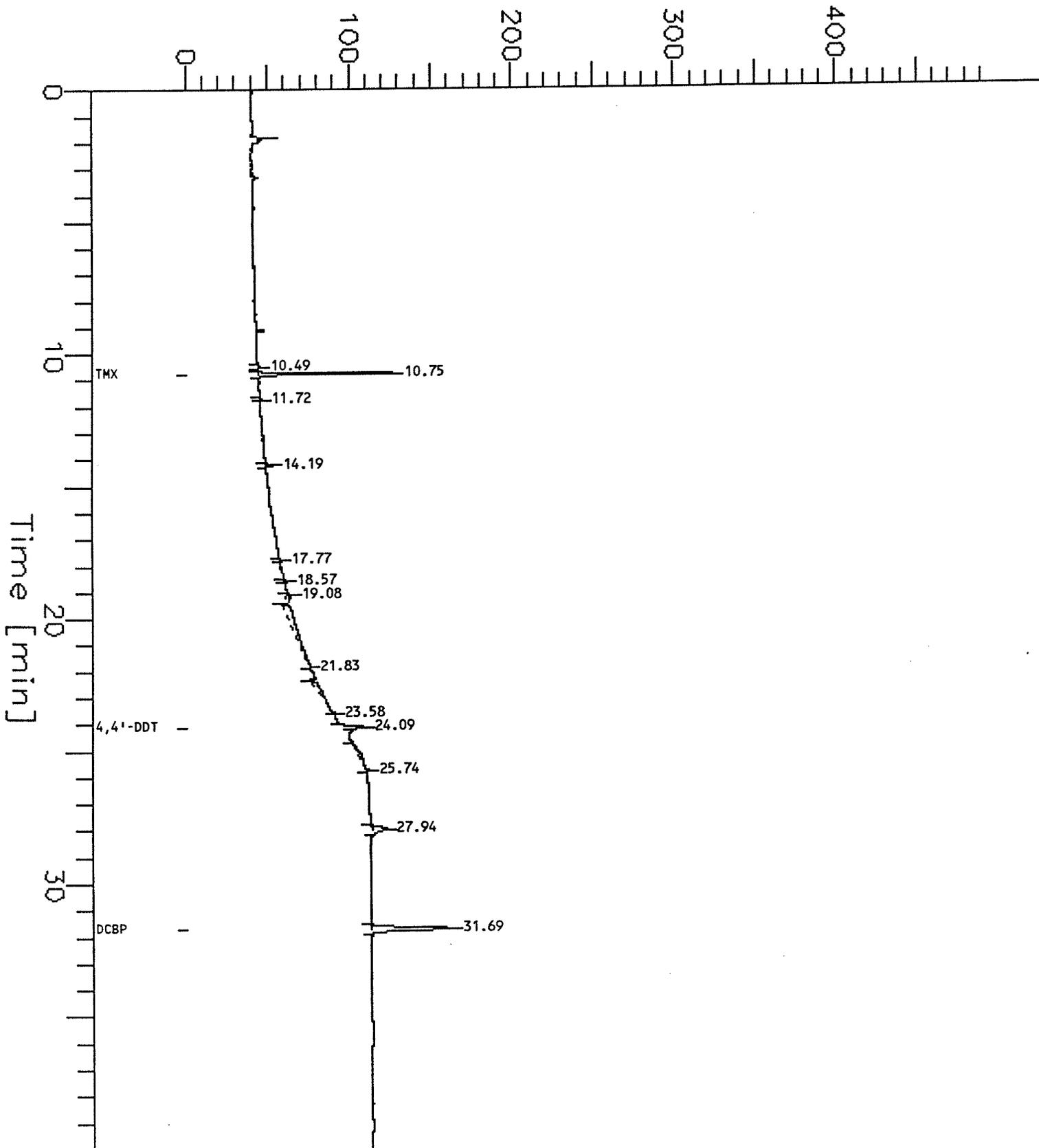
=====
5890-9          DB1701 COLUMN #163          Channel B
=====
  
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33200.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor : 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK17
Date : 08/31/93 11:35
Time of Injection: 08/31/93 08:42
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK18

Lab Name: RECRA ENVIRON Contract: C002412

Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393

Matrix: (soil/water) WATER Lab Sample ID: ICM3EB18

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

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

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 08/31/93

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB
Sample Number: PIBLK18
Operator :

Time : 09/01/93 08:23
Study :

Instrument : 970_-9
AutoSampler : NONE
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

```

```

Interface Serial # : 2135574868 Data Acquisition Time: 08/31/93 20:10
Delay Time : 0.00 min.
End Time : 40.00 min.
Sampling Rate : 2.9412 pts/sec

```

```

Raw Data File : f:\turbo32\khorvat\9a33215.raw
Result File : f:\turbo32\khorvat\9a33215.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File : f:\turbo32\khorvat\9-33A.prc
Sample File : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume : 1 ul
Sample Amount : 1.0000

Area Reject : 10000.00
Dilution Factor : 1.00

```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.80	356654	TMX	62774.42	0.0167
3	15.23	23021		366.71	0.0230
4	22.76	80520		5380.32	0.0805
6	32.21	293776	DCBP	28973.30	0.0175
				97494.75	

9/1/93 08

```

=====
5890-9 DB608 COLUMN #152 Channel A
=====

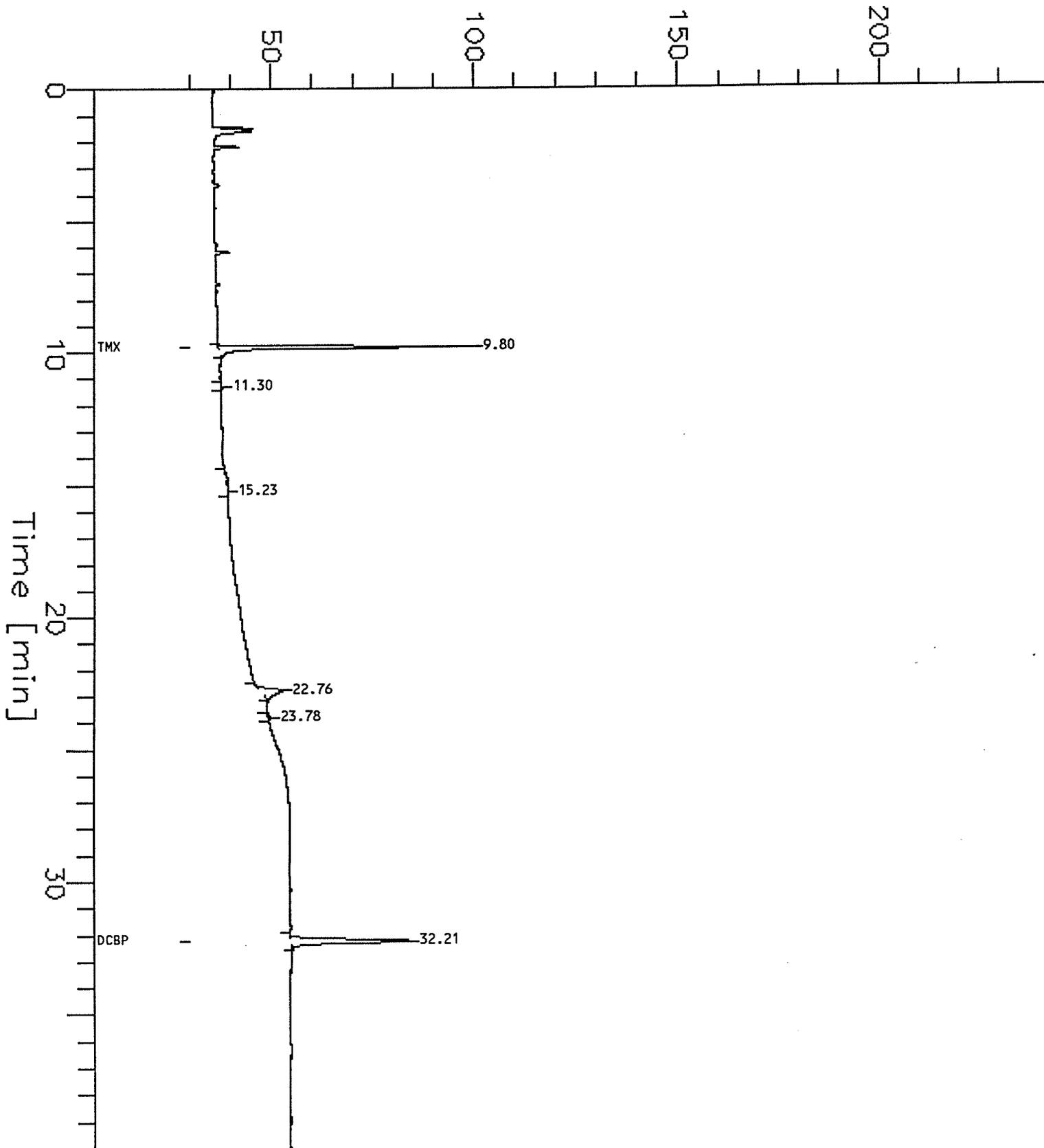
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33215.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK18
Date : 09/01/93 08:23
Time of Injection: 08/31/93 20:10
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 09/01/93  08:23
Sample Number: PIBLK18        Study      :
Operator   :

Instrument  : 970_-_9          Channel   : B      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0

Interface Serial # : 2135574868  Data Acquisition Time: 08/31/93  20:10
Delay Time   : 0.00 min.
End Time     : 40.00 min.
Sampling Rate : 2.9412 pts/sec

Raw Data File : f:\turbo32\khorvat\9b33215.raw
Result File   : f:\turbo32\khorvat\9b33215.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33B.prc
Sample File   : f:\turbo32\khorvat\9-33BX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq

Inj. Volume  : 1 ul           Area Reject : 20000.00
Sample Amount : 1.0000       Dilution Factor : 1.00
=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	10.74	337472	TMX	83234.88	0.0160
2	17.05	21380		4739.70	0.0214
4	24.10	69870	4,4'-DDT	10229.64	0.0046
5	31.69	398096	DCBP	47072.46	0.0165
		826818		145276.67	

9/1/93 *RS*

```

=====
5890-9          DB1701 COLUMN #163          Channel B
=====

```

Sample Name : ICM3EB

FileName : f:\turbo32\khorvat\9b33215.raw

Method : 9-33D.ins

Start Time : 0.00 min

Scale Factor: 0

End Time : 40.00 min

Plot Offset: 0 mV

Sample #: PIBLK18

Date : 09/01/93 08:23

Time of Injection: 08/31/93 20:10

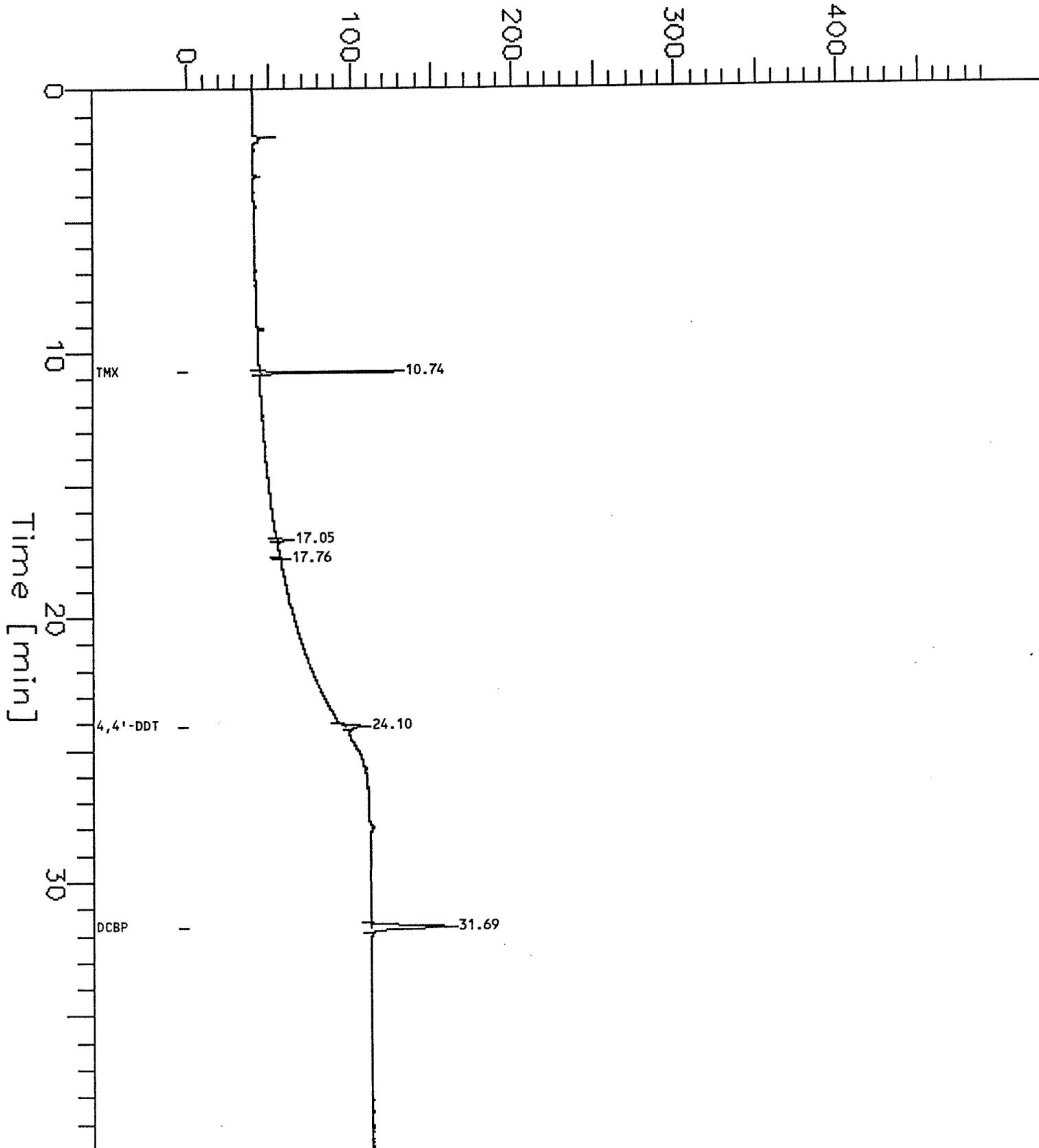
Low Point : 0.00 mV

Plot Scale: 500 mV

Page 1 of 1

High Point : 500.00 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK19

Lab Name: RECRA ENVIRON Contract: C002412

Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393

Matrix: (soil/water) WATER Lab Sample ID: ICM3EB19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

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

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 09/01/93

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

Q

319-84-6-----	alpha-BHC	0.050	U
319-85-7-----	beta-BHC	0.050	U
319-86-8-----	delta-BHC	0.050	U
58-89-9-----	gamma-BHC (Lindane)	0.050	U
76-44-8-----	Heptachlor	0.050	U
309-00-2-----	Aldrin	0.050	U
1024-57-3-----	Heptachlor epoxide	0.050	U
959-98-8-----	Endosulfan I	0.050	U
60-57-1-----	Dieldrin	0.10	U
72-55-9-----	4,4'-DDE	0.10	U
72-20-8-----	Endrin	0.10	U
33213-65-9-----	Endosulfan II	0.10	U
72-54-8-----	4,4'-DDD	0.10	U
1031-07-8-----	Endosulfan sulfate	0.10	U
50-29-3-----	4,4'-DDT	0.10	U
72-43-5-----	Methoxychlor	0.50	U
53494-70-5-----	Endrin ketone	0.10	U
7421-93-4-----	Endrin aldehyde	0.10	U
5103-71-9-----	alpha-Chlordane	0.050	U
5103-74-2-----	gamma-Chlordane	0.050	U
8001-35-2-----	Toxaphene	5.0	U
12674-11-2-----	Aroclor-1016	1.0	U
11104-28-2-----	Aroclor-1221	2.0	U
11141-16-5-----	Aroclor-1232	1.0	U
53469-21-9-----	Aroclor-1242	1.0	U
12672-29-6-----	Aroclor-1248	1.0	U
11097-69-1-----	Aroclor-1254	1.0	U
11096-82-5-----	Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 09/01/93  08:38
Sample Number: PIBLK19        Study      :
Operator    :

Instrument   : 970_-_9         Channel   : A      A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial   : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 09/01/93  06:06
Delay Time       : 0.00 min.
End Time         : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File : f:\turbo32\khorvat\9a33228.raw
Result File   : f:\turbo32\khorvat\9a33228.rst
Instrument File: f:\turbo32\khorvat\9-33D.ins
Process File  : f:\turbo32\khorvat\9-33A.prc
Sample File   : f:\turbo32\khorvat\9-33AX.smp
Sequence File : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume   : 1 ul           Area Reject   : 10000.00
Sample Amount : 1.0000        Dilution Factor : 1.00
  
```

```

=====
                    5890-9      DB608 COLUMN #152      Channel A
  
```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.82	348473	TMX	65768.03	BB 0.0163
4	22.77	62145		4122.27	BB 0.0622
6	25.56	18786		256.25	BB 0.0188
7	27.17	11159		732.44	BB 0.0112
8	30.31	17885		863.35	BB 0.0179
9	32.27	274645	DCBP	26746.04	BB 0.0164
733093				98488.38	

9/1/93 g

```

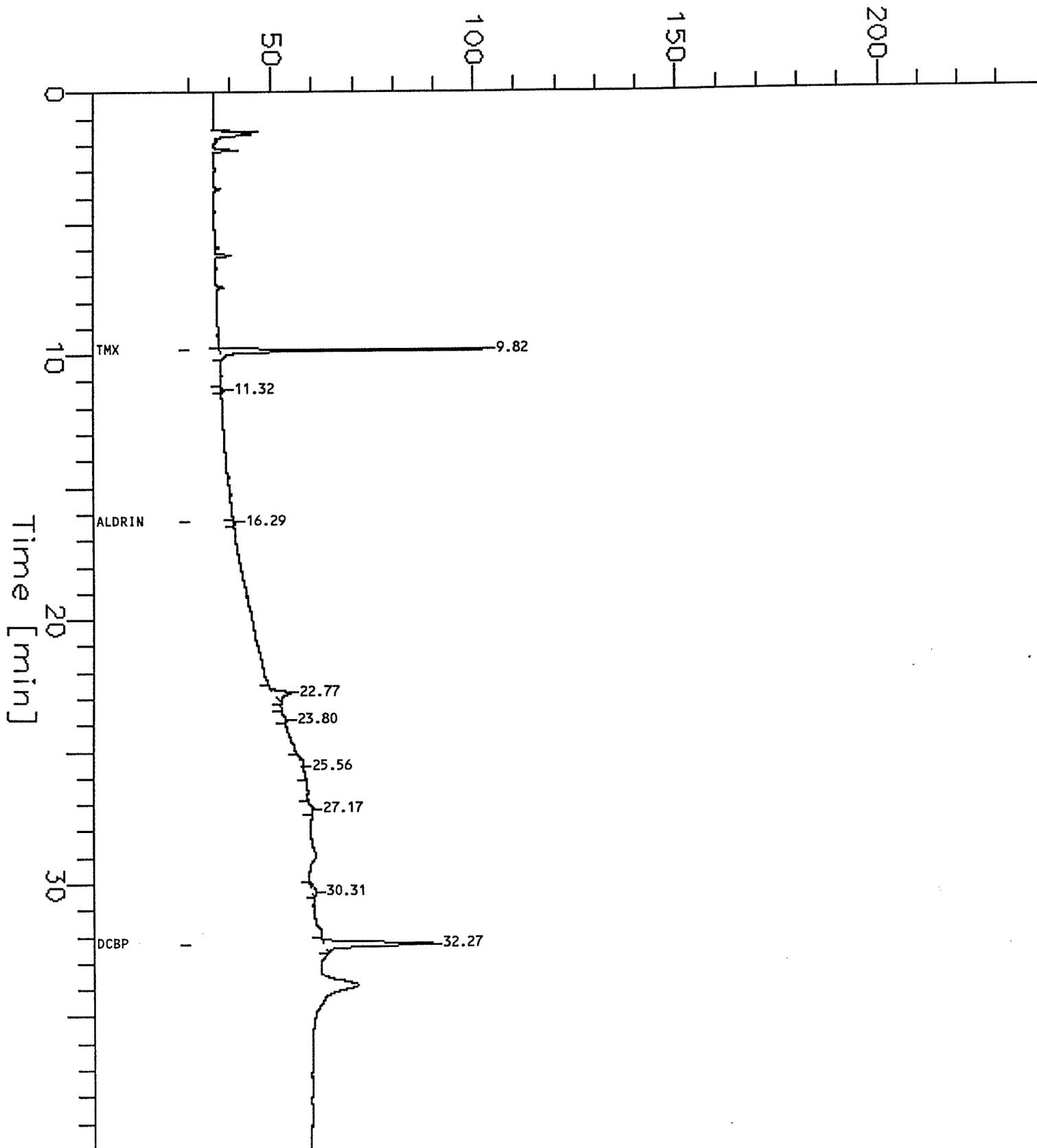
=====
                    5890-9      DB608 COLUMN #152      Channel A
=====
  
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33228.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK19
Date : 09/01/93 08:38
Time of Injection: 09/01/93 06:06
Low Point : 30.00 mV
Plot Scale: 200 mV
High Point : 230.00 mV

DB608



```

=====
Software Version: 3.2 <10J29>
Sample Name   : ICM3EB           Time       : 09/01/93 08:38
Sample Number: PIBLK19          Study      :
Operator      :

Instrument    : 970_-9           Channel    : B      A/D mV Range : 1000
AutoSampler  : NONE
Rack/Vial    : 0/0

```

```

Interface Serial # : 2135574868  Data Acquisition Time: 09/01/93 06:06
Delay Time        : 0.00 min.
End Time          : 40.00 min.
Sampling Rate     : 2.9412 pts/sec

```

```

Raw Data File   : f:\turbo32\khorvat\9b33228.raw
Result File     : f:\turbo32\khorvat\9b33228.rst
Instrument File : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33B.prc
Sample File     : f:\turbo32\khorvat\9-33BX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq

```

```

Inj. Volume    : 1 ul           Area Reject   : 20000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00

```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	5890-9	DB1701	COLUMN #163	Channel B
				Height [uV]	BL	Concentration	
						ng	
2	10.77	333475	TMX	83110.49	BB	0.0158	
4	24.12	47078	4,4-DBT	7011.42	BB	0.0031	
5	31.74	383739	DCBP	46145.69	BB	0.0159	
				764292	136267.59		

alika ok

```

=====
5890-9      DB1701 COLUMN #163      Channel B
=====

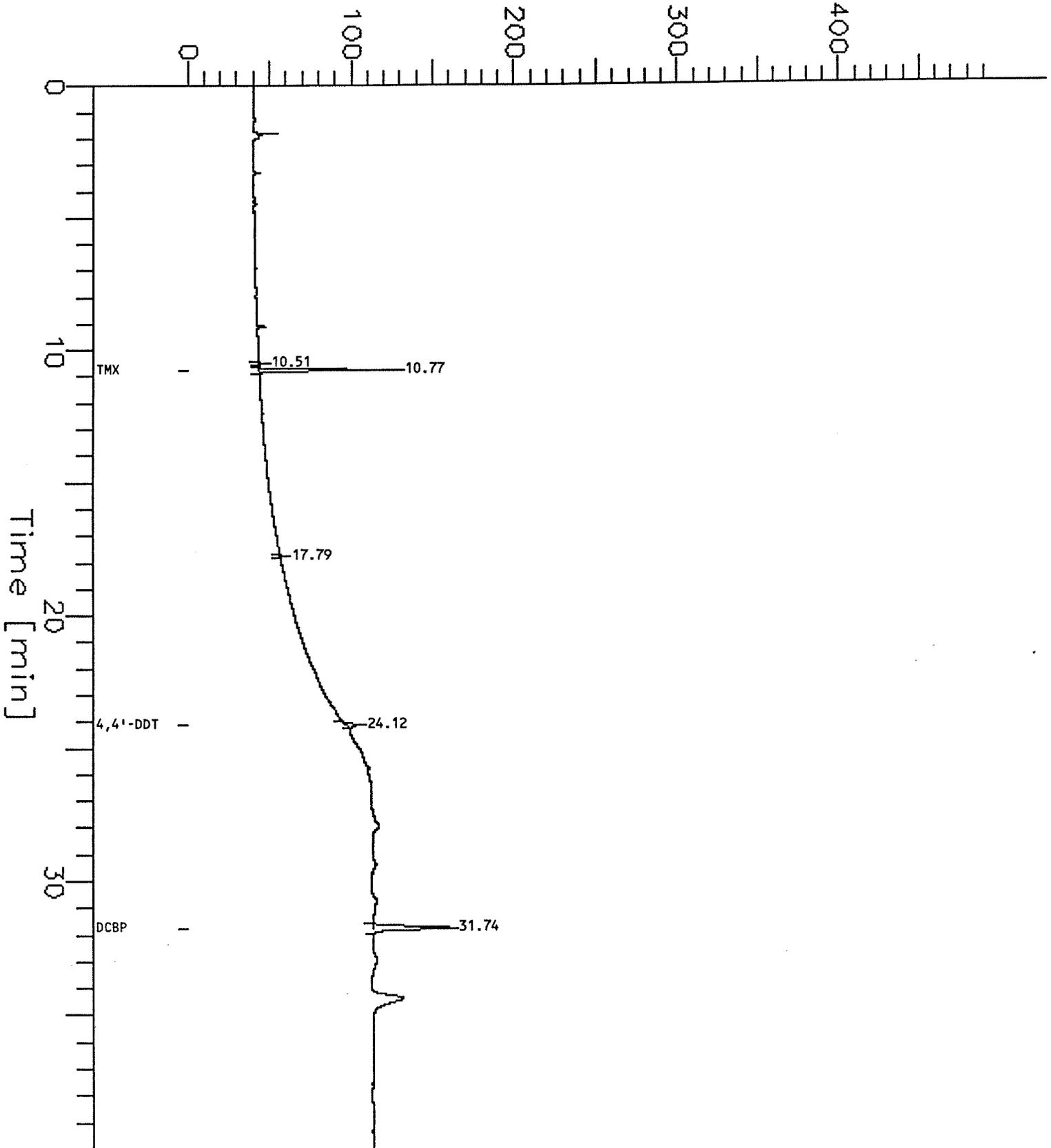
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33228.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK19
Date : 09/01/93 08:38
Time of Injection: 09/01/93 06:06
Low Point : 0.00 mV
High Point : 500.00 mV
Plot Scale: 500 mV

DB1701



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK20

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Matrix: (soil/water) WATER Lab Sample ID: ICM3EB20
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 09/01/93
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-93-4-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

```

=====
Software Version: 3.2 <10J29>
Sample Name : ICM3EB           Time       : 09/01/93  20:51
Sample Number: PIBLK20        Study      :
Operator   :

Instrument  : 970_-_9          Channel : A    A/D mV Range : 1000
AutoSampler : NONE
Rack/Vial  : 0/0
  
```

```

Interface Serial # : 2135574868  Data Acquisition Time: 09/01/93  16:48
Delay Time       : 0.00 min.
End Time        : 40.00 min.
Sampling Rate    : 2.9412 pts/sec
  
```

```

Raw Data File   : f:\turbo32\khorvat\9a33242.raw
Result File     : f:\turbo32\khorvat\9a33242.rst
Instrument File  : f:\turbo32\khorvat\9-33D.ins
Process File    : f:\turbo32\khorvat\9-33A.prc
Sample File     : f:\turbo32\khorvat\9-33AX.smp
Sequence File   : f:\turbo32\khorvat\9-33.seq
  
```

```

Inj. Volume    : 1 ul           Area Reject   : 10000.00
Sample Amount  : 1.0000        Dilution Factor : 1.00
  
```

```

=====

```

Peak #	Ret Time [min]	Area [uV/sec]	Component Name	Height [uV]	BL Concentration ng
1	9.79	377104	TMX	68853.20	BB 0.0176
3	18.55	181681		617.54	BB 0.1817
4	19.43	57502	Endosulfan I	1720.18	BB 0.0042
5	22.69	82836		6258.30	BB 0.0828
6	23.77	12562		1513.12	BB 0.0126
7	25.46	91838		2543.28	BV 0.0918
8	27.11	125953		328.54	VB 0.1260
9	32.20	260338	DCBP	26842.90	BB 0.0155
1189812				108677.06	

9/6/93 *

```

=====
5890-9          DB608 COLUMN #152          Channel A
=====

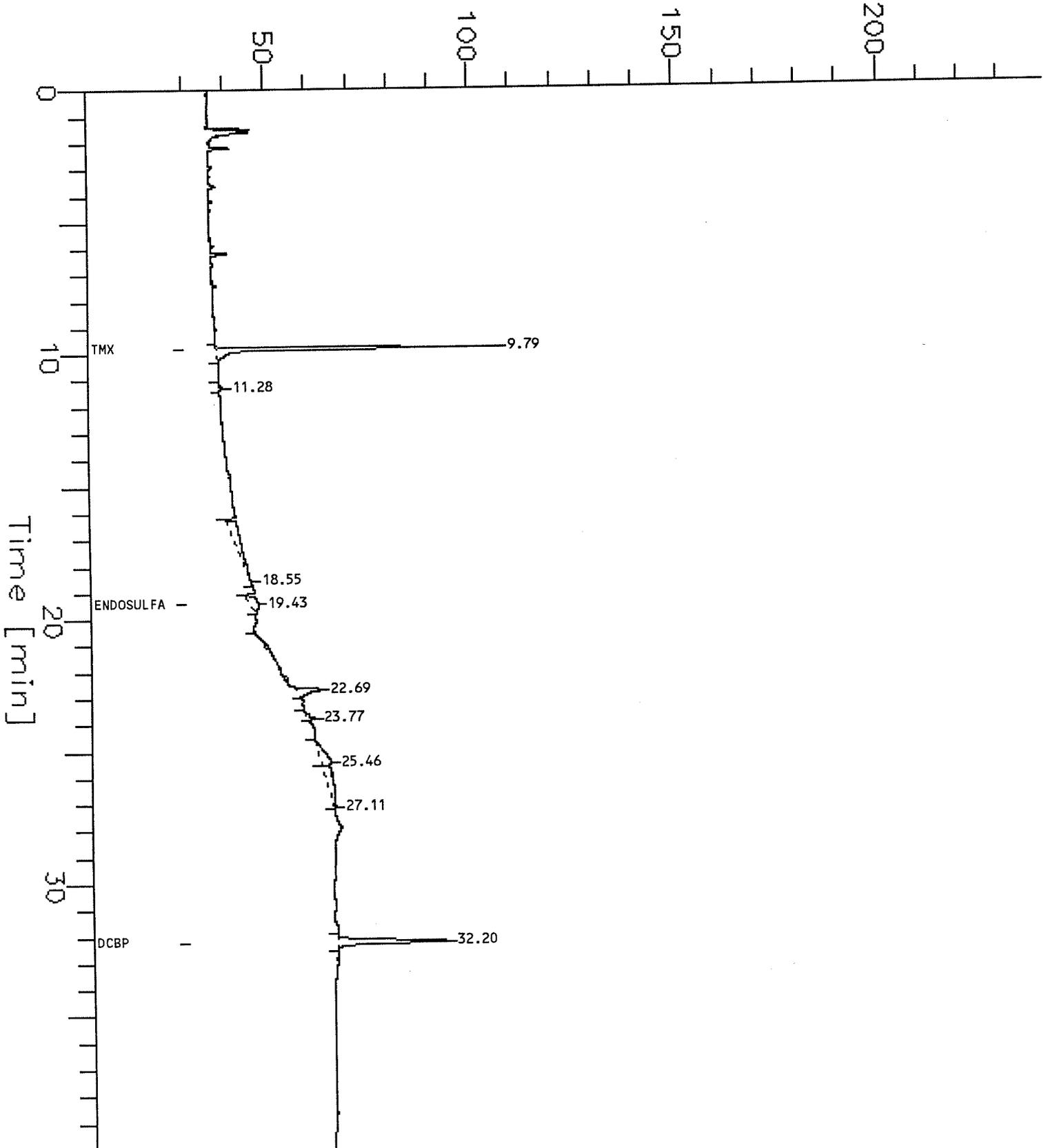
```

Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9a33242.raw
Method : 9-33D.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 30 mV

Sample #: PIBLK20
Date : 09/01/93 20:51
Time of Injection: 09/01/93 16:48
Low Point : 30.00 mV
High Point : 230.00 mV
Plot Scale: 200 mV

DB608

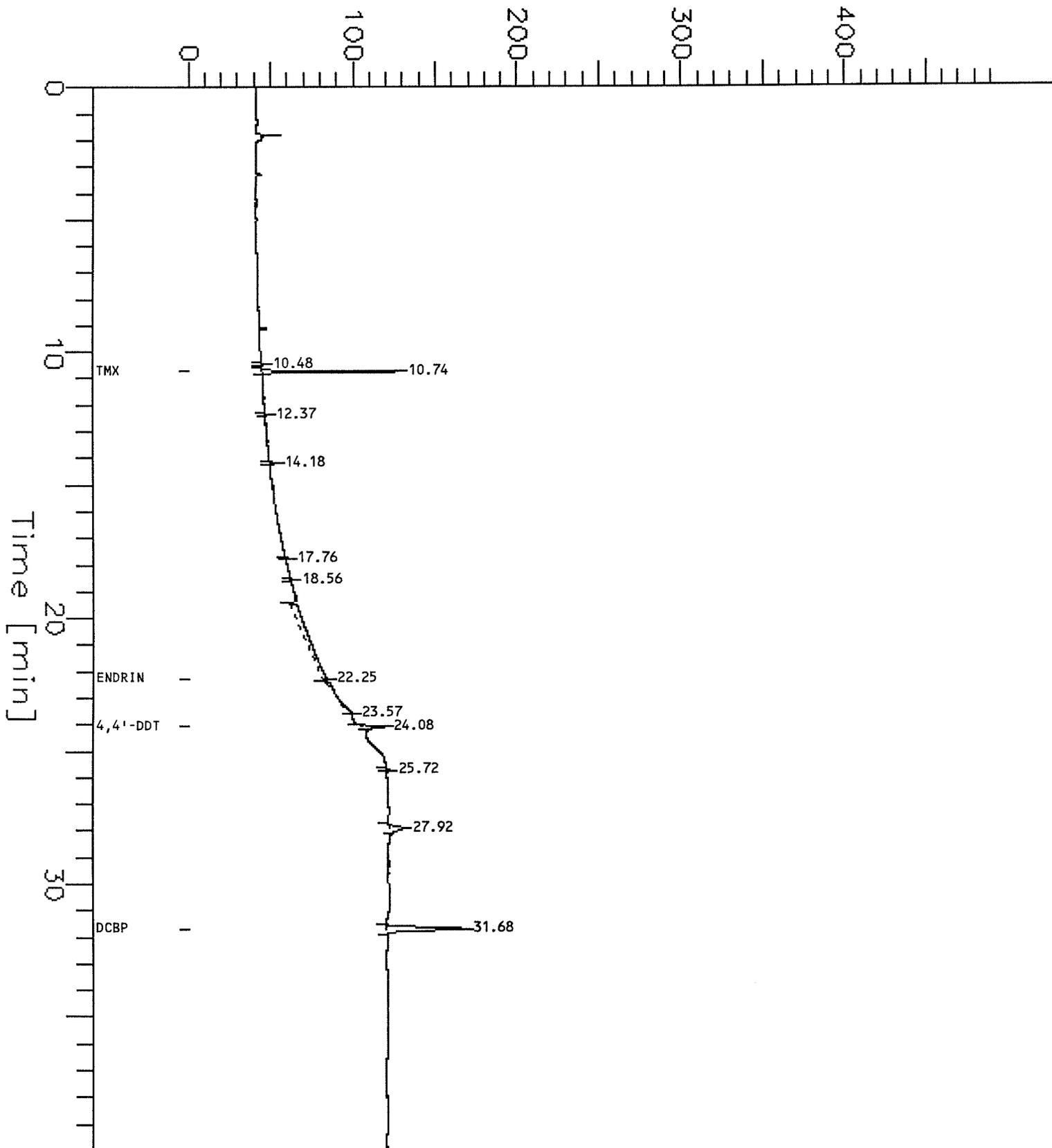


Sample Name : ICM3EB
FileName : f:\turbo32\khorvat\9b33242.raw
Method : 9-330.ins
Start Time : 0.00 min
Scale Factor: 0

End Time : 40.00 min
Plot Offset: 0 mV

Sample #: PIBLK20
Date : 09/01/93 20:52
Time of Injection: 09/01/93 16:48
Low Point : 0.00 mV
Plot Scale: 500 mV
High Point : 500.00 mV

DB1701



Recra Environmental, Inc.
CLP SOILS LOGBOOK

Extraction Summary								Concentration and Clean-up Summary									
Job Number	Recra Sample I.D.	Vial Number SS-	Ext. Date	Ana-lyst	Method of Ext.	Sample Weight (g)	Glass-ware Set	SDG#	Case#	Client Due Date	GPC?	Other Clean-up	SPLITS	Final Vol. (mL)	Date Prep Fin.	Clean-up Init.	Type of Analysis
2635 B1a	—	9253	8/4/93	PM	Sonide	—	Y	557			Y						Post/PLD ASD 91
	Blw	9254				—	Y V	1				FLURISIL CART	11	5.0	8-26-93	DL	
	MSD ASD 4/24/17	9255				—	Z B										
	ASD 4/24/10	9256				30.47	11 48										
	ASD 4/24/11	9257				30.87	12 36										
	ASD 4/24/12	9258				30.07 30.82	13 39										
	ASD 4/24/13	9259				30.74	14 32										
	ASD 4/24/14	9260				30.63	15 42										
	ASD 4/24/15	9261				30.07	16 47										
	MS	9262				30.61	17 45										
	MSD	9263				30.77	18 46										
2646	ASD 4/24/55	9264				30.05	19	8353	21093			FLURISIL	N	5.0 ml	8-25-93	CM	
	ASD 4/24/56	9265				30.38	20	8	1			FLURISIL	N	5.0 ml	8-25-93	CM	
						8.20	57										

NOTES: 5) 9253 - 9265 spiked w. wt 2.0 ml sp 19 (8-16-93 PTA) PM

5) 9253, 9262 + 9263 spiked w. wt 1.0 ml sp 20 (7-21-93 BTH) PM

000020

Balance Used: Mettler 002440 Reviewed By: _____ Date: _____
Solvent Lot #: MeCl2: 102 931 Acetone: BIS 274 Hexane: 136 181 Florisil Cartridge Lot #: 159 AC

10824