



WZI INC.

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FAX LEAD SHEET

To: Greg Garrison
Company: Schropp Ranch
From: Steve Muir
Subject: _____
Message: _____

Total Number of Pages, include Cover Page: 11
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WZI INC. FAX NUMBER IS (805) 326-0191

Oper.: Date Sent: 3/10 Time Sent: 9:25 Initials: SM Return Original: Y N Copy Sender: Y N

MEMORANDUM

File 0137.0010

TO: Laura M. Bazeley

DATE: March 4, 1993

FROM: Michael Mahoney

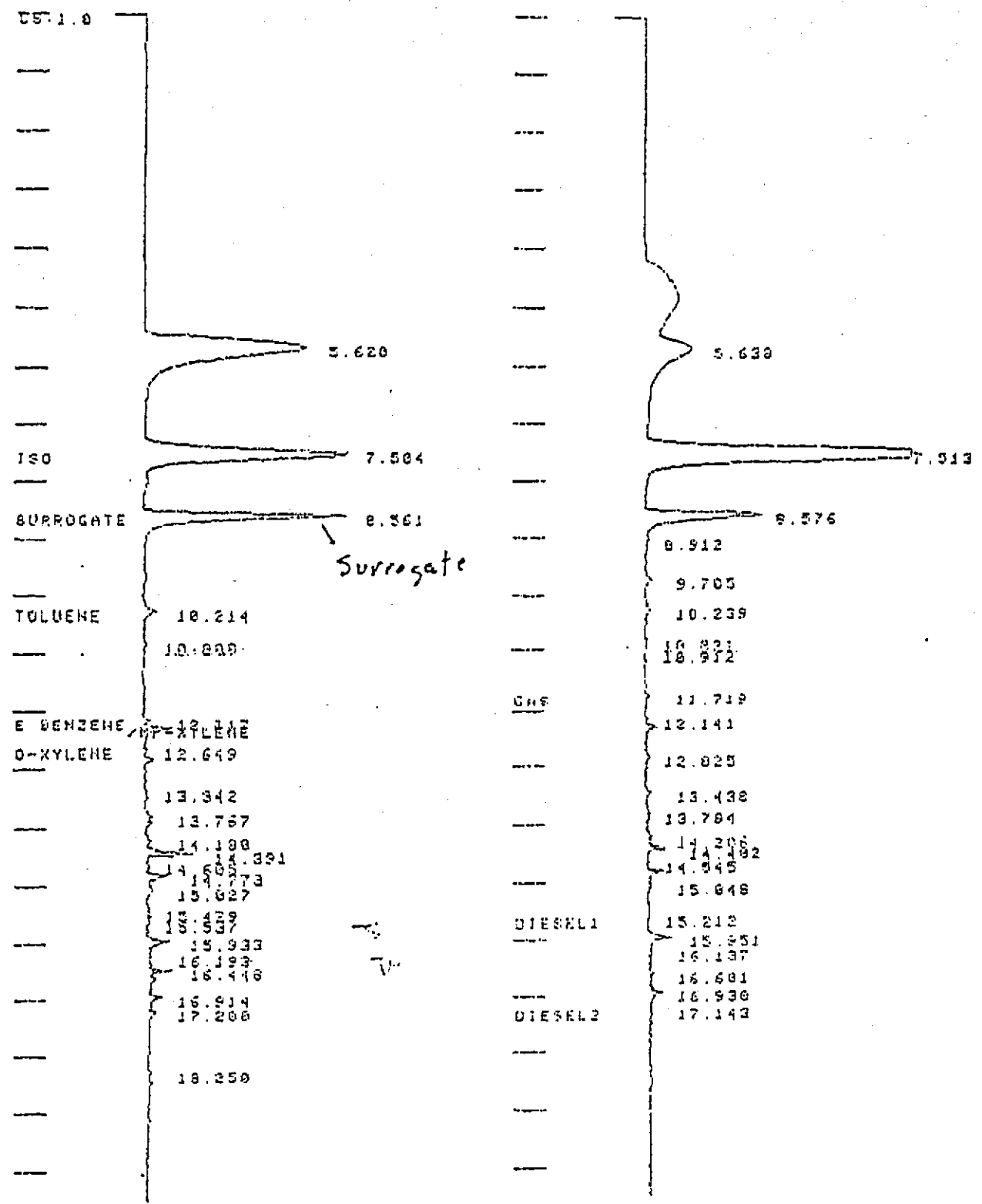
*File
0137-0010*

SUBJECT: Schrop Ranch - Crude vs Gasoline Contamination

Per our conversation of March 1, 1993 I have reviewed some of the positive Schrop Ranch chromatograms. The chromatograms would show gasoline or diesel and would probably show some light lubricating and ~~and~~ heating oils also. However the sample chromatograms show gasoline only with no diesel or other hydrocarbon fractions at all.

From these chromatograms it is clear that if crude oil is present, it is contributing a negligible quantity to the TPH(g) values.

01370010.024



Method Blank
 (5 ml water +
 5 ppb surrogate)

CHANNEL: 1A - 1 TITLE: 19:10 3 DEC 92

SAMPLE: #3 METHOD: MPID-R1XE CALCULATION: ES - ANALYS

PEAK NO	PEAK NAME	RESULT	TIME (MIN)	AREA COUNTS	RR	SEP CODE
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P. 02

MIN/TICK

AREA

AREA

0.000

0.00

0.007

0.000

428 14.727

0.000

0.000

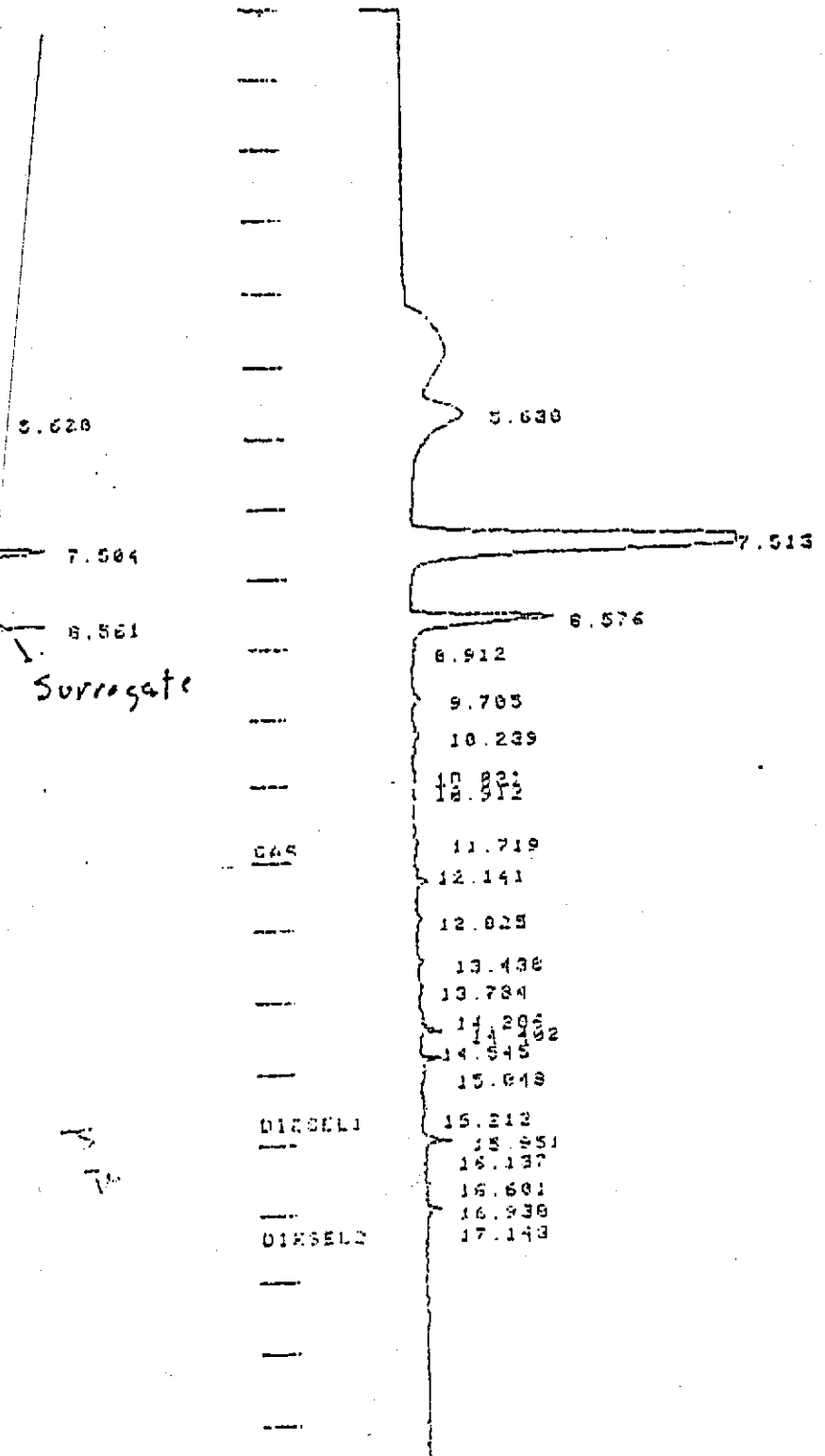
0.000

0.000

0.000

S NOW RP

YS



Method Blank
 (5 ml water +
 5 ppb surrogate)

TITLE:

19:10 3 DEC 92

METHOD: MPID-BTXE

CALCULATION: ES - ANALYS

RESU

TIME (MIN)

AREA COUNTS

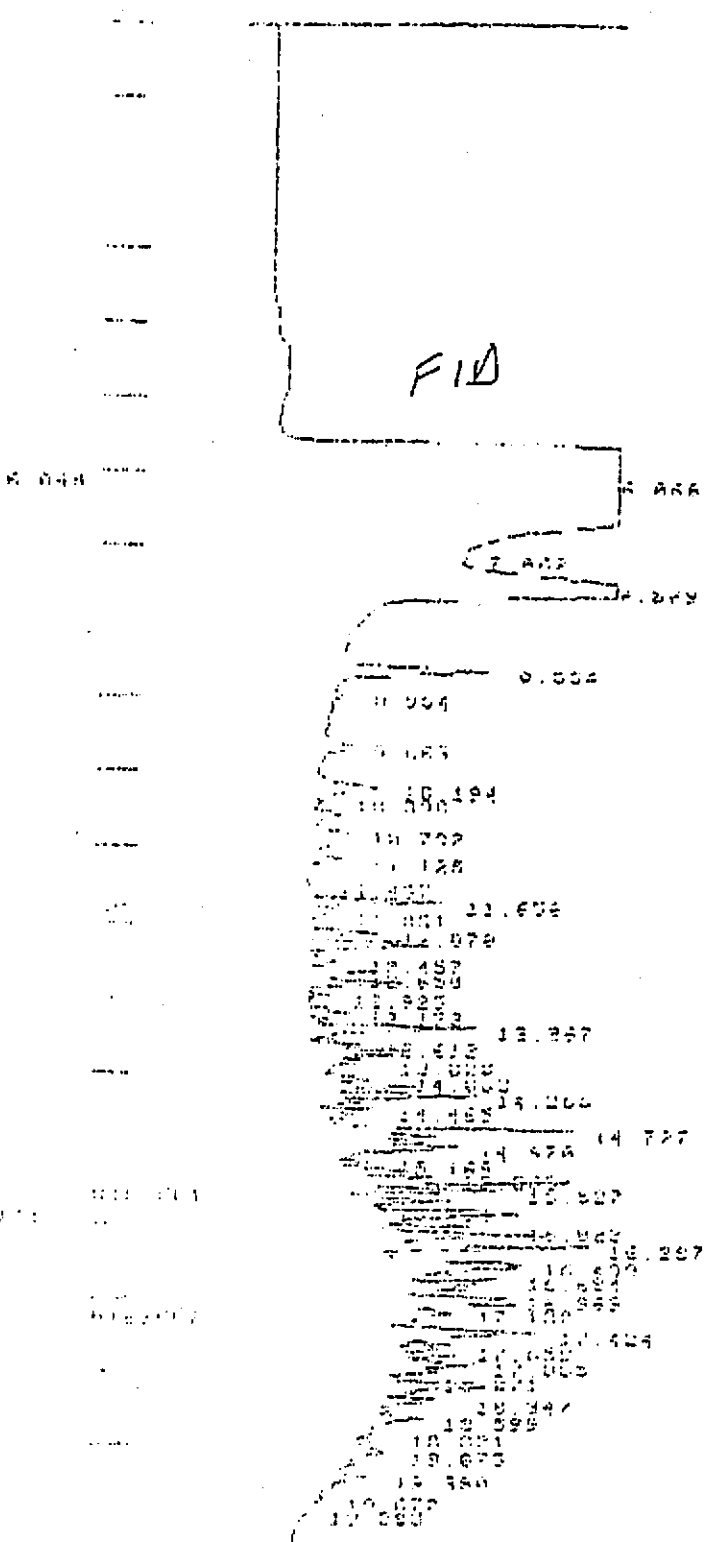
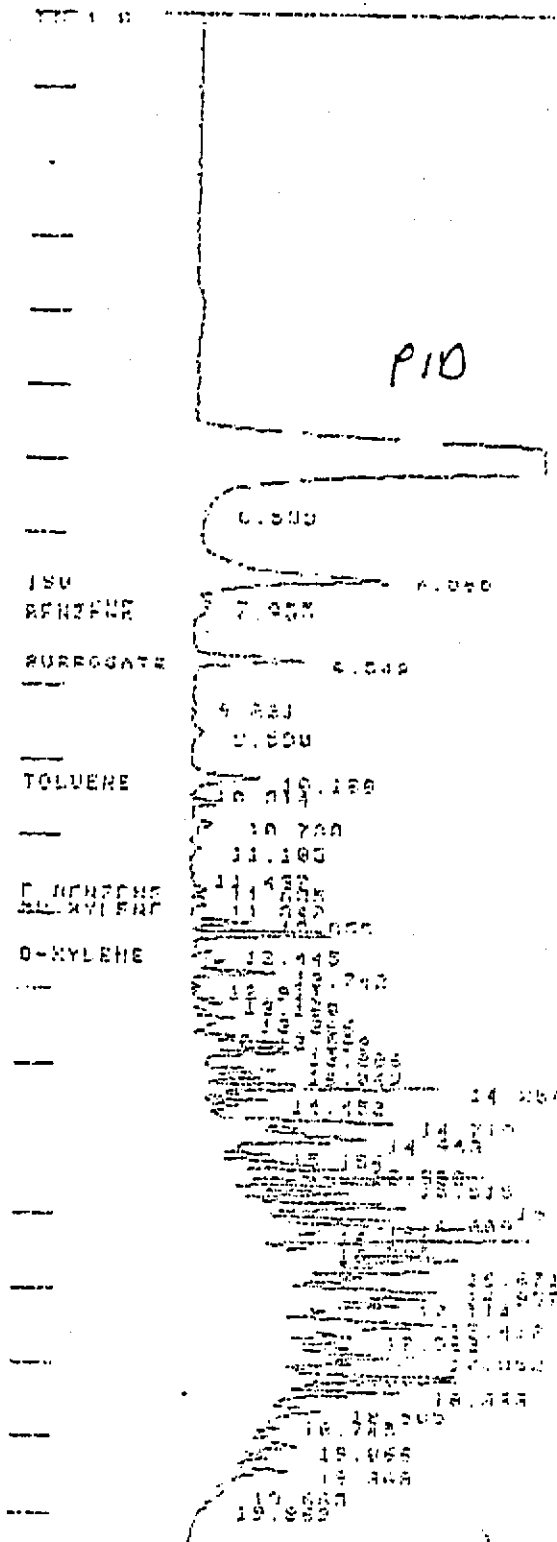
RR1 SEP CODE

CHART SPEED: 2.5 CM/MIN

ATTEN: 4 GAIN: 100 1 MINUTE

CHART SPEED: 2.5 CM/MIN

ATTEN: 4 GAIN: 100 1 MINUTE



2000 ppb Diesel Standard

CF 3.0

P10
 (Photo ionization
 Detector)

F10
 (Flame Ionization
 Detector)

150
 BENZENE
 SURROGATE

TOLUENE

E BENZENE
 O-XYLENE

Benzene
 Surrogate

Ethylbenzene
 MP-Xylenes
 O-Xylene

LIGHT HYD

DIESEL1

DIESEL2

5 ppb BTEX
 Standard
 (Benzene, Toluene,
 Ethylbenzene, Xylenes)

BTEX
 Standard
 5 ppb

CHANNEL: 1A - 1

TITLE:

SAMPLE: #1

METHOD: NI TD-BTEX

CALCULATION: ES - ANALYS

PEAK PEAK

RESULT

TIME
 (MIN)

AREP
 COUNT
 1454596

RRT
 0.65

SEP
 CODE
 88

19:18 3 DEC 92

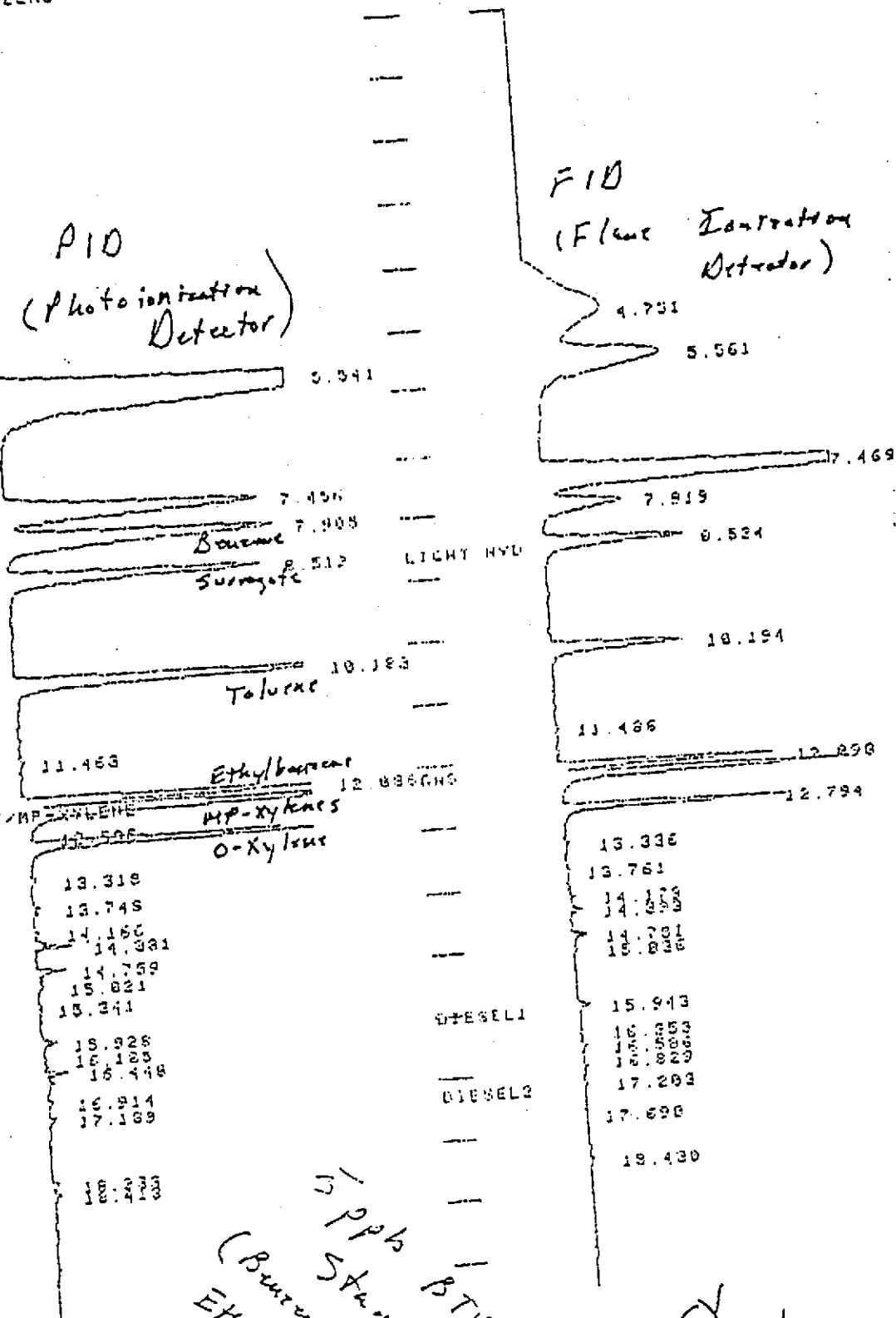
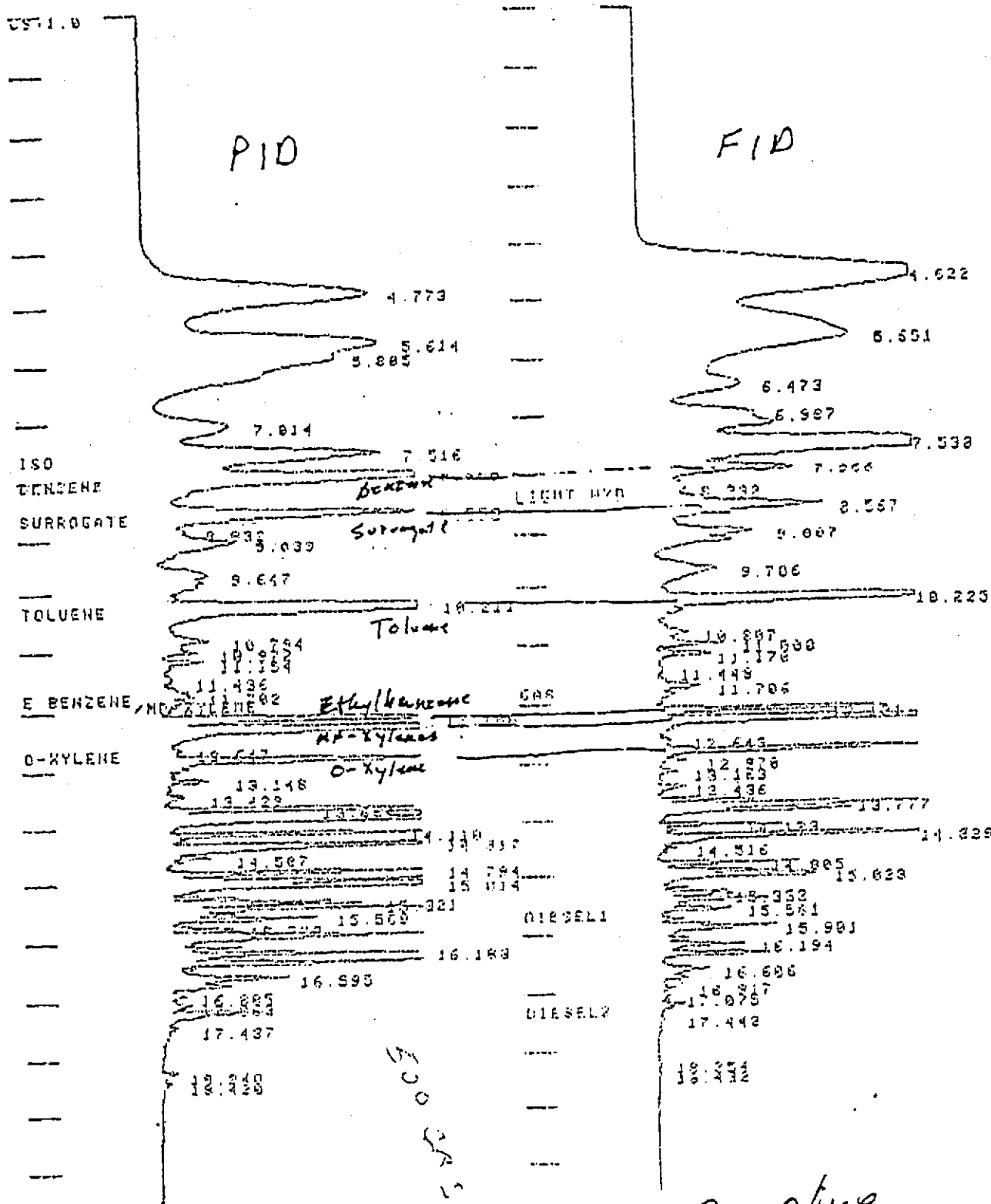


CHART SPEED 0.0 CM/MIN
ATTEN: 4 ZERO: 10% 1 MIN/TICK

ATTEN: 2 ZERO: 10% 1 MIN/TICK



500 ppb Gas

Gasoline Standards

CHANNEL: 1A - 1

TITLE:

18:44 3 DEC 82

SAMPLE: #2

METHOD: MPIO-BTXE

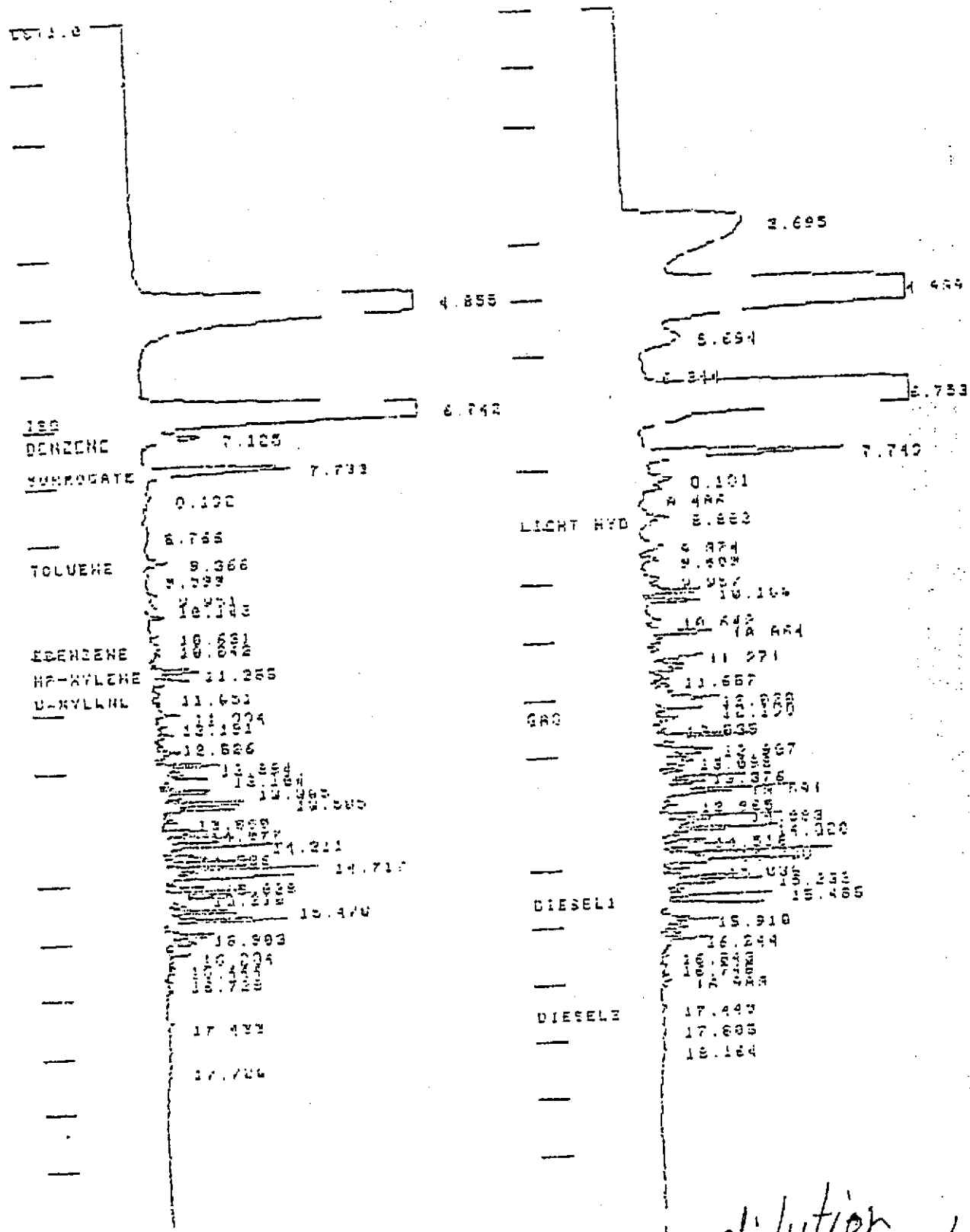
CALCU: ION: ES - ANALYS

RECH

TIME

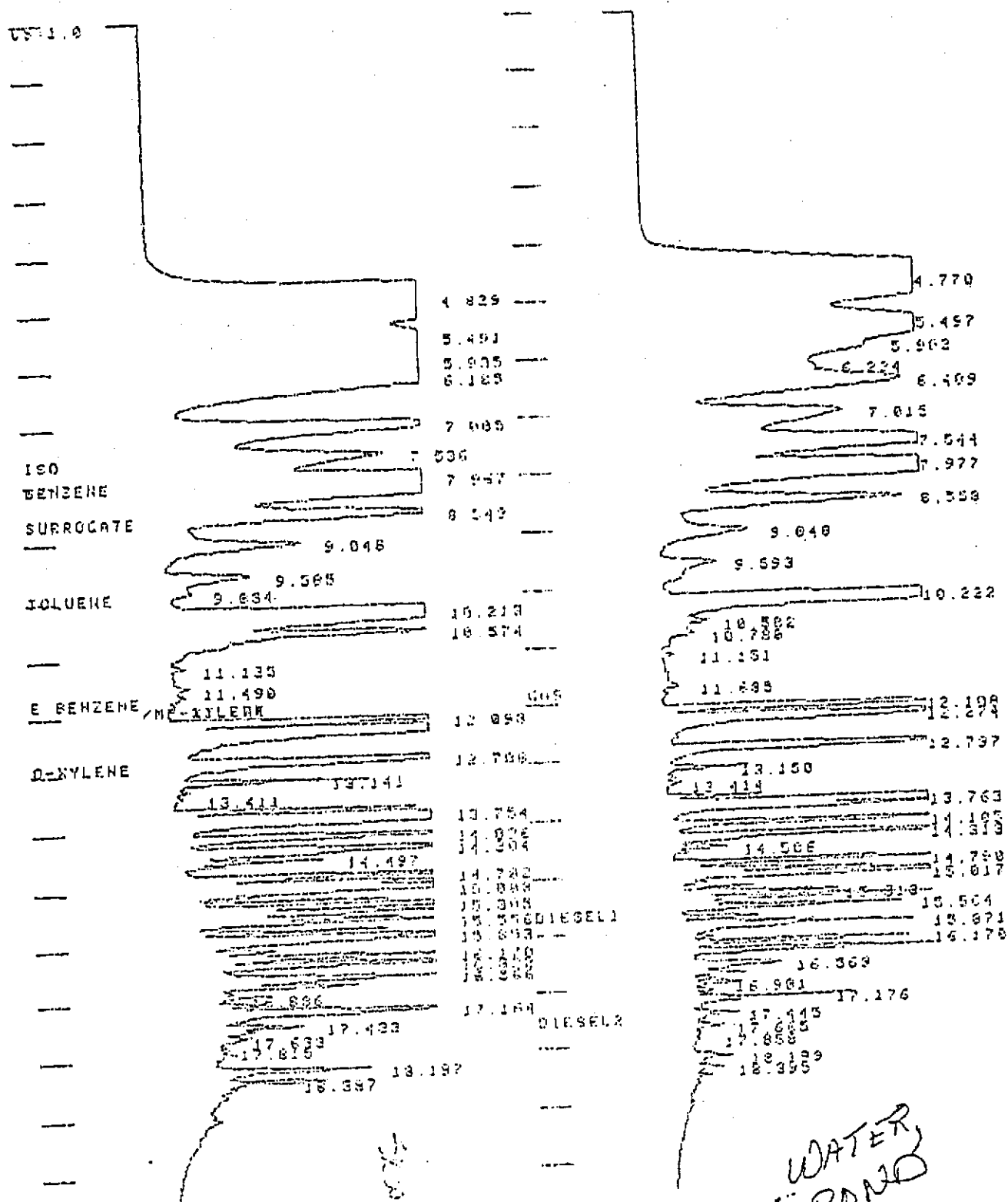
AREA

RRT REP



High dilution rate of sample TH-3-16

1094
1:1000
TH-3-16



DRW 007 B
 1:10
 500µl
 WATER POND
 12/4/92
 Diluted 1:10

CHANNEL: 1A - 1 TITLE:

SAMPLE: #11

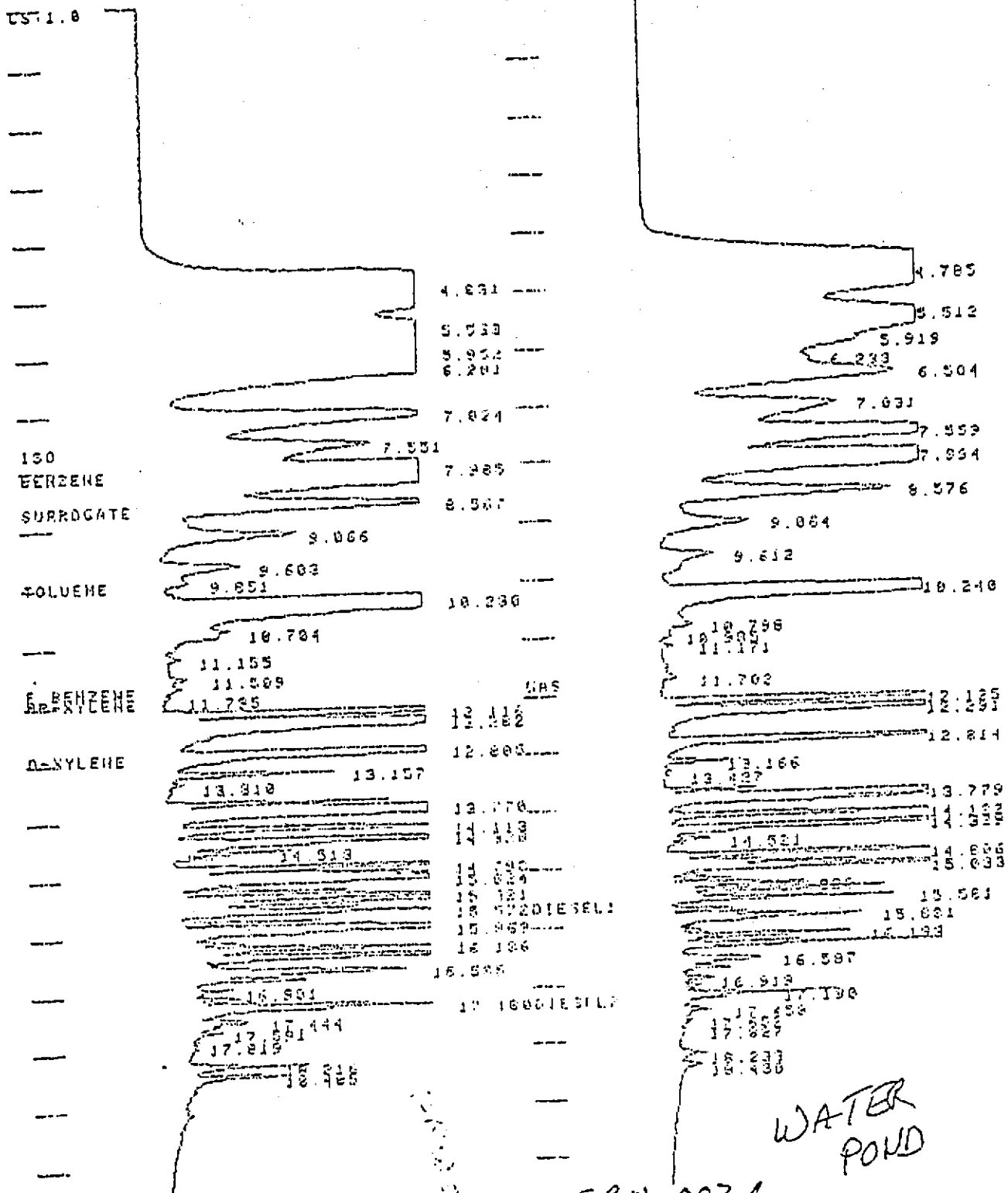
METHOD: MPID-BTXE

CALCULATION: ES - ANALYS

22:43 3 DEC 92

PEAK NO	PEAK NAME	RESULT	TIME (MIN)	AREA COUNTS	SEP CODE
1			4.829		
2			5.491		
3			5.935		
4			6.185		
5			7.005		
6			7.536		
7			7.947		
8			8.549		
9			9.048		
10			9.585		
11			9.634		
12			10.219		
13			10.574		
14			11.135		
15			11.490		
16			11.898		
17			12.059		
18			12.788		
19			13.754		
20			14.026		
21			14.304		
22			14.497		
23			14.782		
24			15.088		
25			15.308		
26			15.576		
27			15.893		
28			16.170		
29			16.366		
30			16.369		
31			16.981		
32			17.164		
33			17.433		
34			17.633		
35			17.875		
36			18.197		
37			18.397		
38			18.588		
39			18.858		
40			19.139		
41			19.355		
42			19.582		
43			19.786		
44			11.151		
45			11.898		
46			12.198		
47			12.797		
48			13.150		
49			13.763		
50			14.313		
51			14.798		
52			15.017		
53			15.504		
54			15.871		
55			16.178		
56			4.770		
57			5.457		
58			5.962		
59			6.224		
60			6.409		
61			7.015		
62			7.544		
63			7.977		
64			8.558		
65			9.048		
66			9.593		
67			10.222		
68			10.582		
69			10.786		
70			11.151		
71			11.898		
72			12.198		
73			12.797		
74			13.150		
75			13.763		
76			14.313		
77			14.798		
78			15.017		
79			15.504		
80			15.871		
81			16.178		
82			16.369		
83			16.981		
84			17.164		
85			17.433		
86			17.633		
87			17.875		
88			18.139		
89			18.355		
90			18.582		
91			19.786		

CHART SPEED 0.0 CM/MIN
ATTEN: 4 ZERO: 10% 1 MIN/TICK
ATTEN: 2 ZERO: 10% 1 MIN/TICK



SRW 007 A
11/0 500 pt

WATER POND

WZI INC.
DOCUME APPROVAL SHEET AND JOB TICKET

JOB NUMBER: 0137.0010 ORDERED BY: MHM
CLIENT NAME: Ag Industries
DATE/TIME DOCUMENT MUST GO OUT: 3/5/93
TRANSFER FILE NAME(s) (if applicable): _____

Date/Time Needed: _____ Draft: Final: _____
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Date/Time Needed: _____ Draft: _____ Final: _____
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memo to LMB
re: Schrop Ranch
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APPROVAL: _____ DATE: _____ APPROVAL: _____ DATE: _____

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