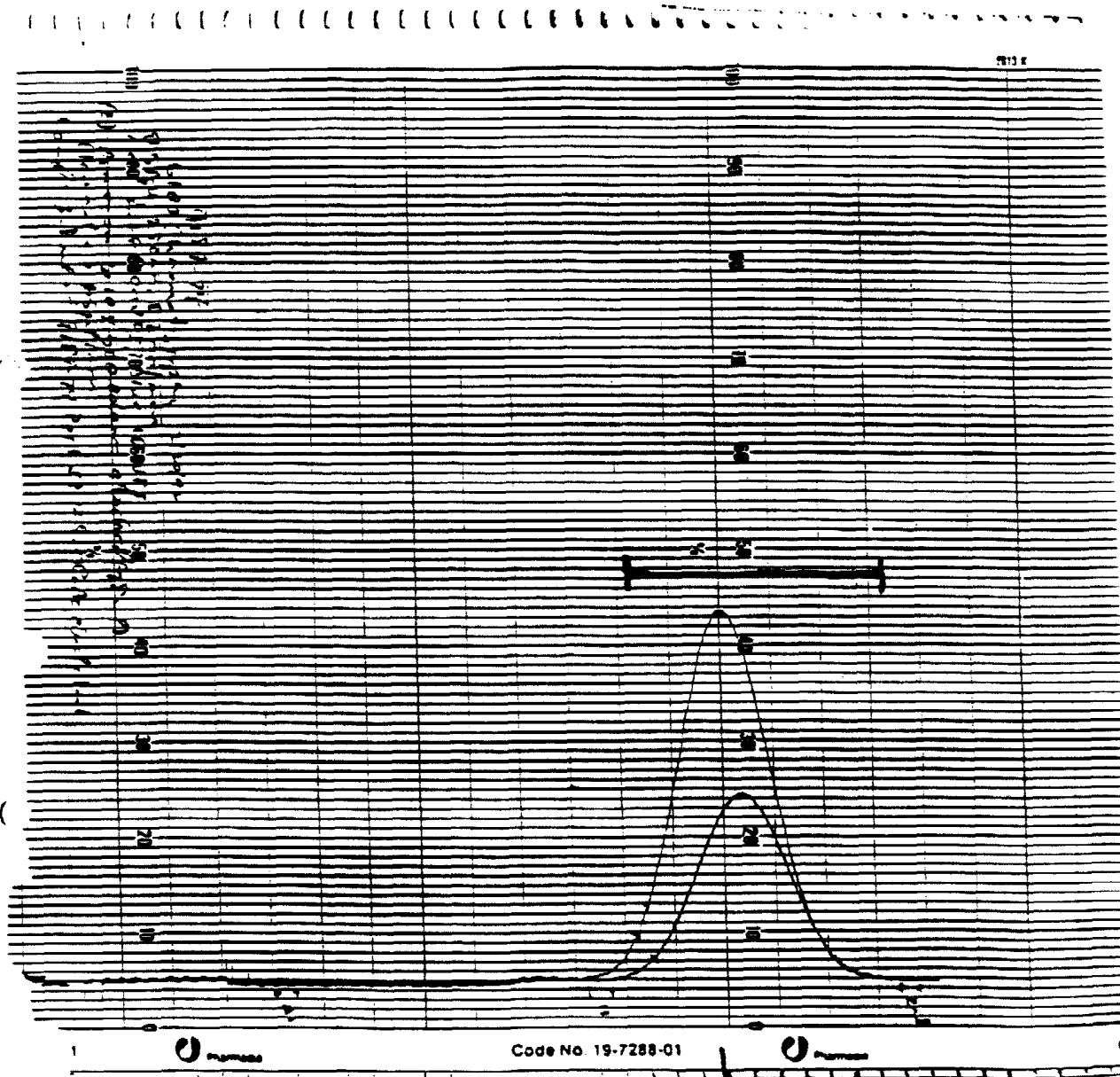
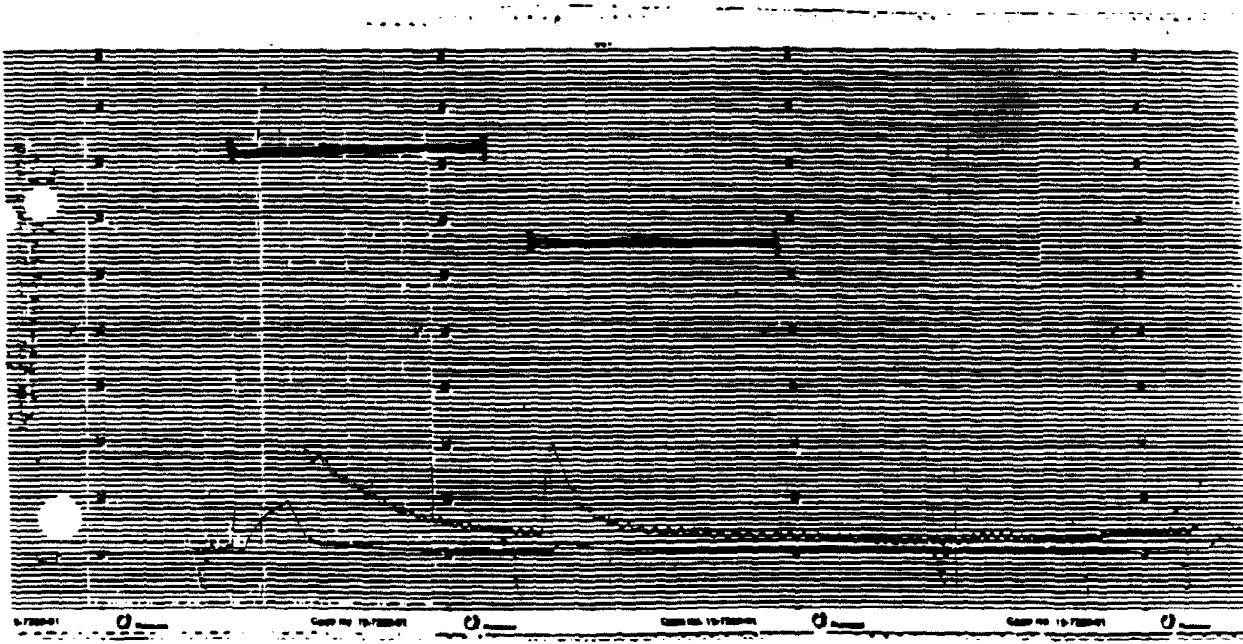


FIG. 3. Sephadex G-100 Chromatography.



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FIG. 4. Hydroxylapatite Chromatography

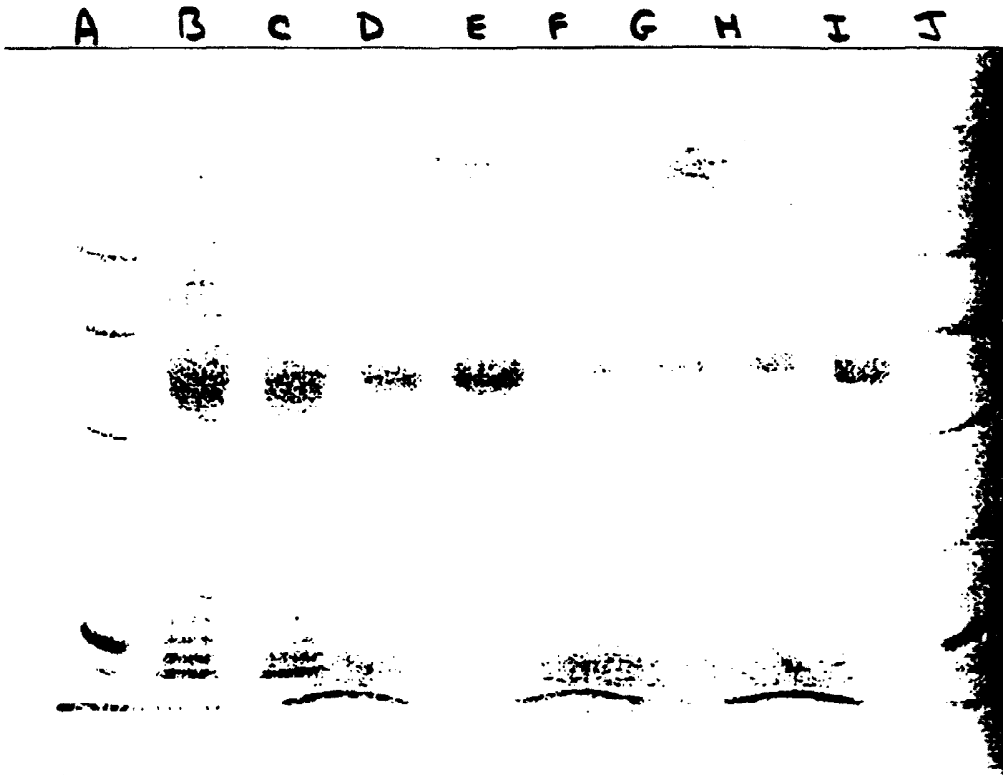


↓
0.5mM
pool

↓
1.0mM
pool

AF 54505

Figure 5. 12.5% SDS-PAGE of r-HuEPO Samples

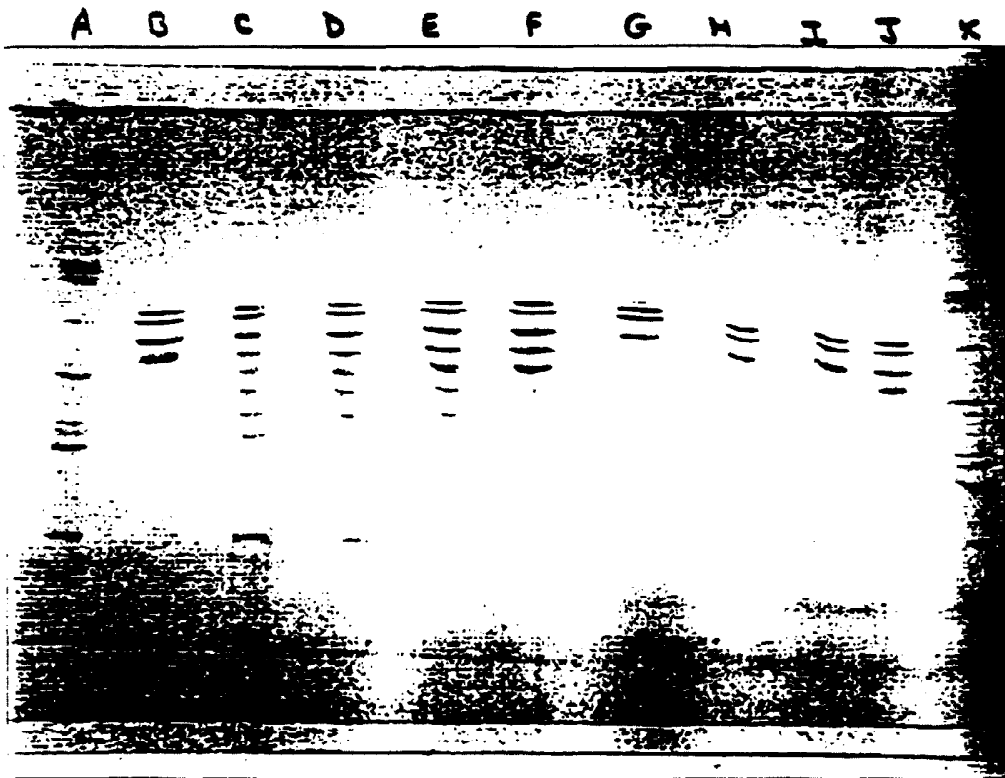


- A Low Molecular Weight Marker
- B Crude CDM
- C Post Phenol Extraction
- D Post Ethanol Fractionation
- E Post DEAE BioGel A
- F Post sulfopropyl-Sephadex
- G Post Sephadex G-100
- H Post Hydroxylapatite (0.5 mM phosphate)
- I r-HuEPO Standard
- J Low Molecular Weight Marker

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AM-ITC 00315583

Figure 6. IEF Analysis of Miyake Process Samples



- A pI Std. Markers
- B r-Hu EPO Reference Standard
- C r-HuEPO CDM
- D Post Phenol
- E Post Ethanol Fractionation
- F Post DEAE BioGel A
- G Post Sulfopropyl-Sephadex
- H Post Sephadex G-100
- I Post Hydroxylapatite (0.5 mM)
- J r-HuEPO Standard
- K pI Std. Markers

AF 54507

AM-ITC 00315584

Figures 7a-e. Vydac C4 RP-HPLC Analysis of Miyake Process Samples

Fig. 7a. Crude Cell Culture Conditioned Medium

Fig. 7b. DEAE-Agarose Load

Fig. 7c. Sp-Sephadex Load

Fig. 7d. Post Hydroxylapatite Pool
(0.5 mM sodium phosphate)

Fig. 7e. r-HuEPO Ref. Std.

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Chromatogram

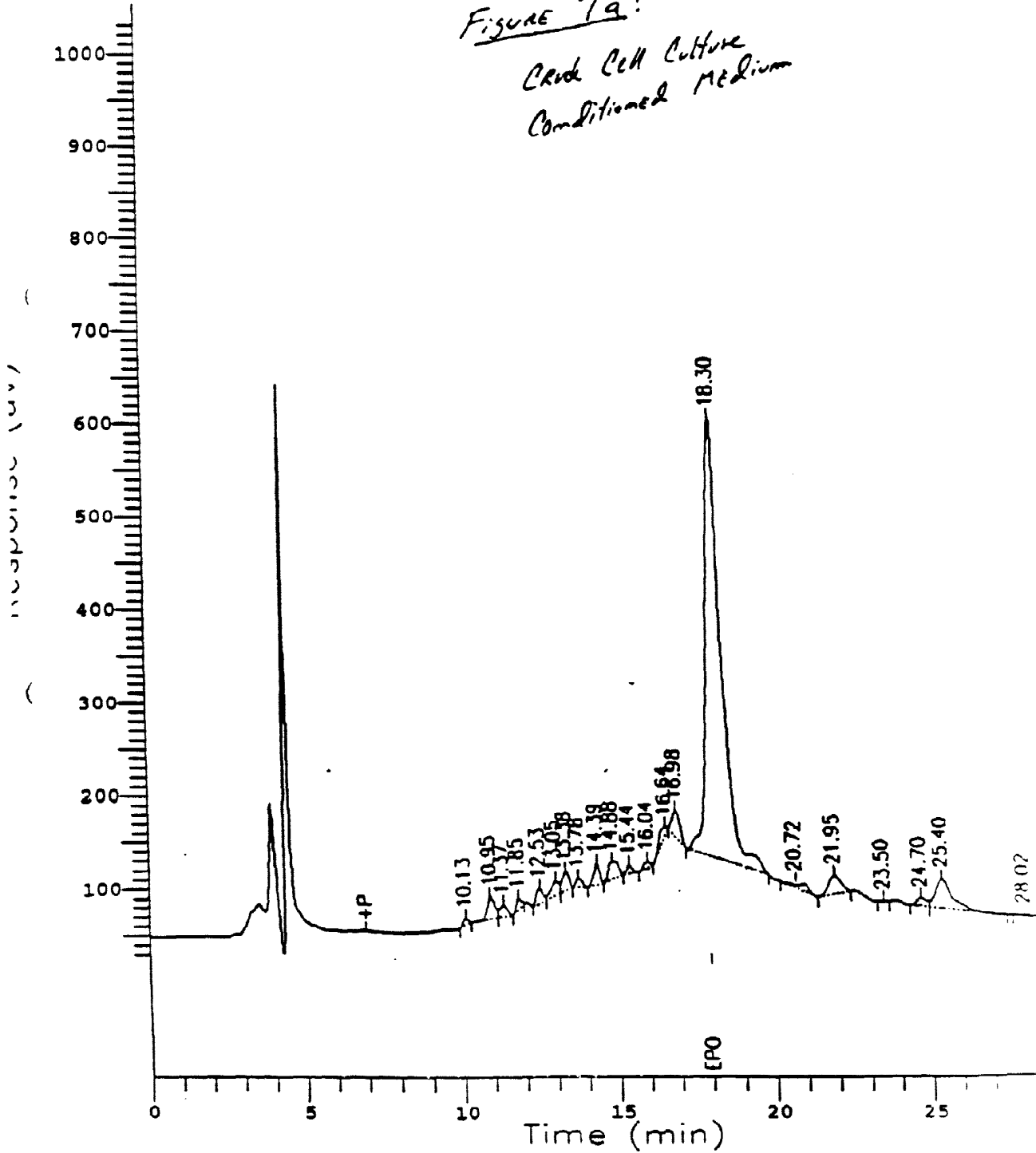
FileName : PRO0019.RAW
Start Time : 0.00 min
Scale Factor: 0

End Time : 30.00 min
Plot Offset: 30 mv

Date : 3/3/92 12:40 AM
Low Point : 30.00 mv
Plot Scale: 1000 mv

Page 1 of 1
High Point : 1030.00 mv

*Figure 7a:
Crude Cell Culture
Conditioned Medium*



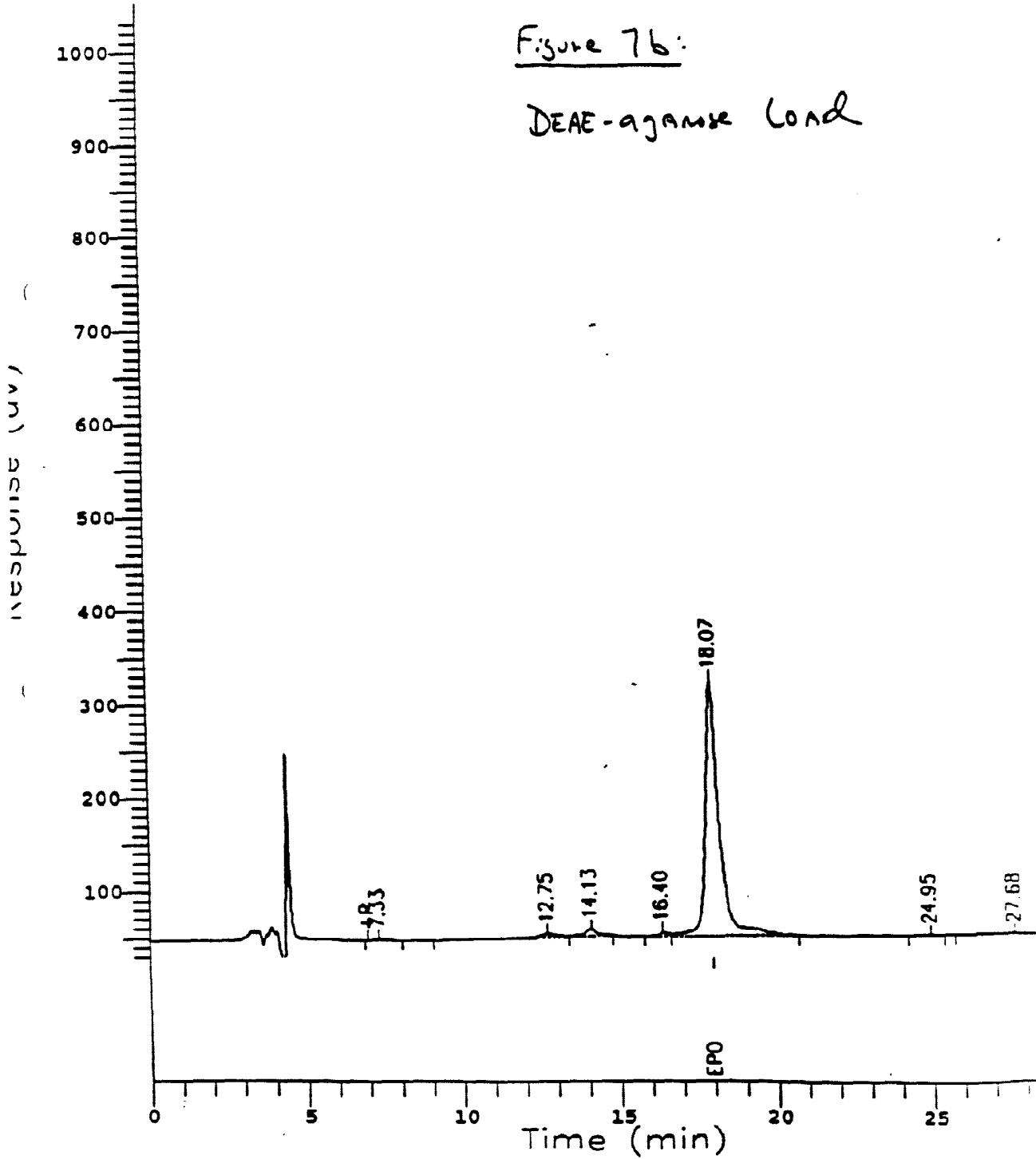
AF 54509

Chromatogram

FileName : e:\2700\data1\PRO0011.raw Date : 5/6/92 11:01 PM Page 1 of 1
Start Time : 0.00 min End Time : 30.00 min Low Point : 30.00 mV High Point : 1030.00 mV
Scale Factor : 0 Plot Offset: 30 mV Plot Scale: 1000 mV

Figure 7b:

DEAE-agarose Load

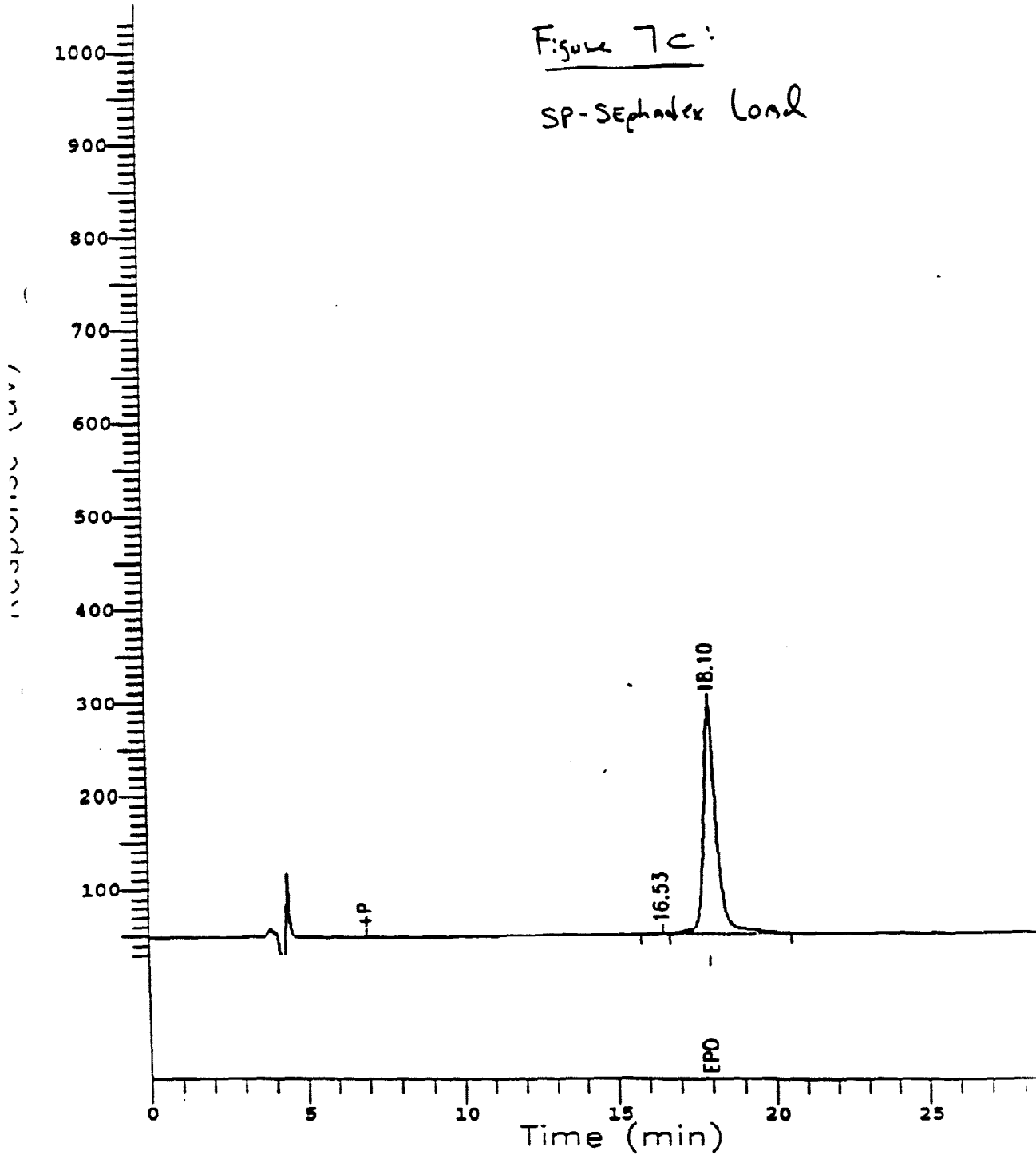


AF 54510

Chromatogram

FileName : es:\2700\data1\PR00013.paw Date : 5/4/92 11:05 PM Page 1 of 1
Start Time : 0.00 min End Time : 30.00 min Low Point : 30.00 mV High Point : 1030.00 mV
Scale Factor : 0 Plot Offset : 30 mV Plot Scale : 1000 mV

Figure 7c:
SP-Sephadex Load



AF 54511

Chromatogram

FileName : c:\2700\data\PR00017.raw

Start Time : 0.00 min

Scale factor: 0

End Time : 30.00 min

Plot Offset: 30 mV

Date : 5/4/92 11:16 PM

Low Point : 30.00 mV

Plot Scale: 1000 mV

Page 1 of 1

High Point : 1030.00 mV

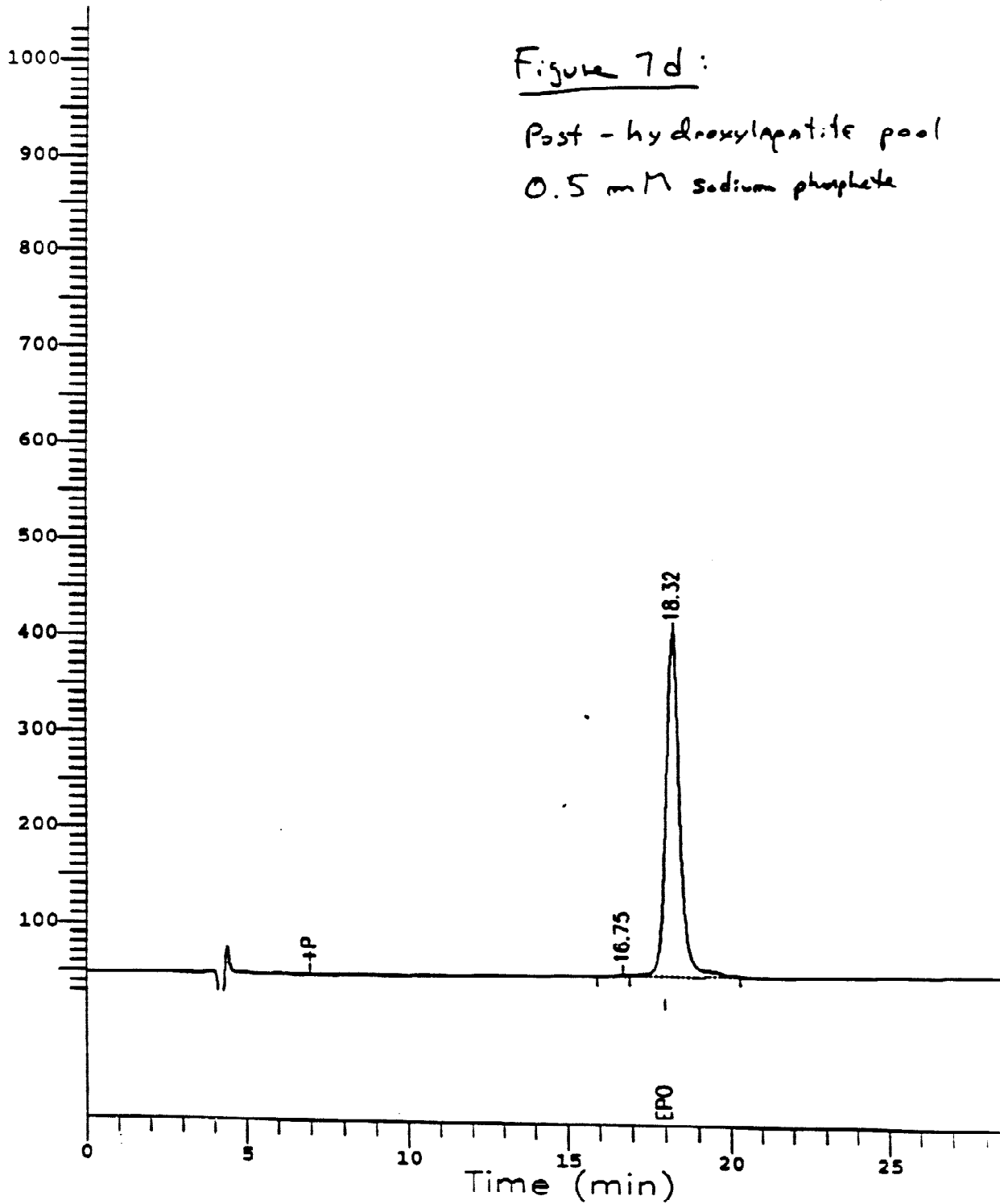


Figure 7d :

Post - hydroxylapatite pool

0.5 mM sodium phosphate

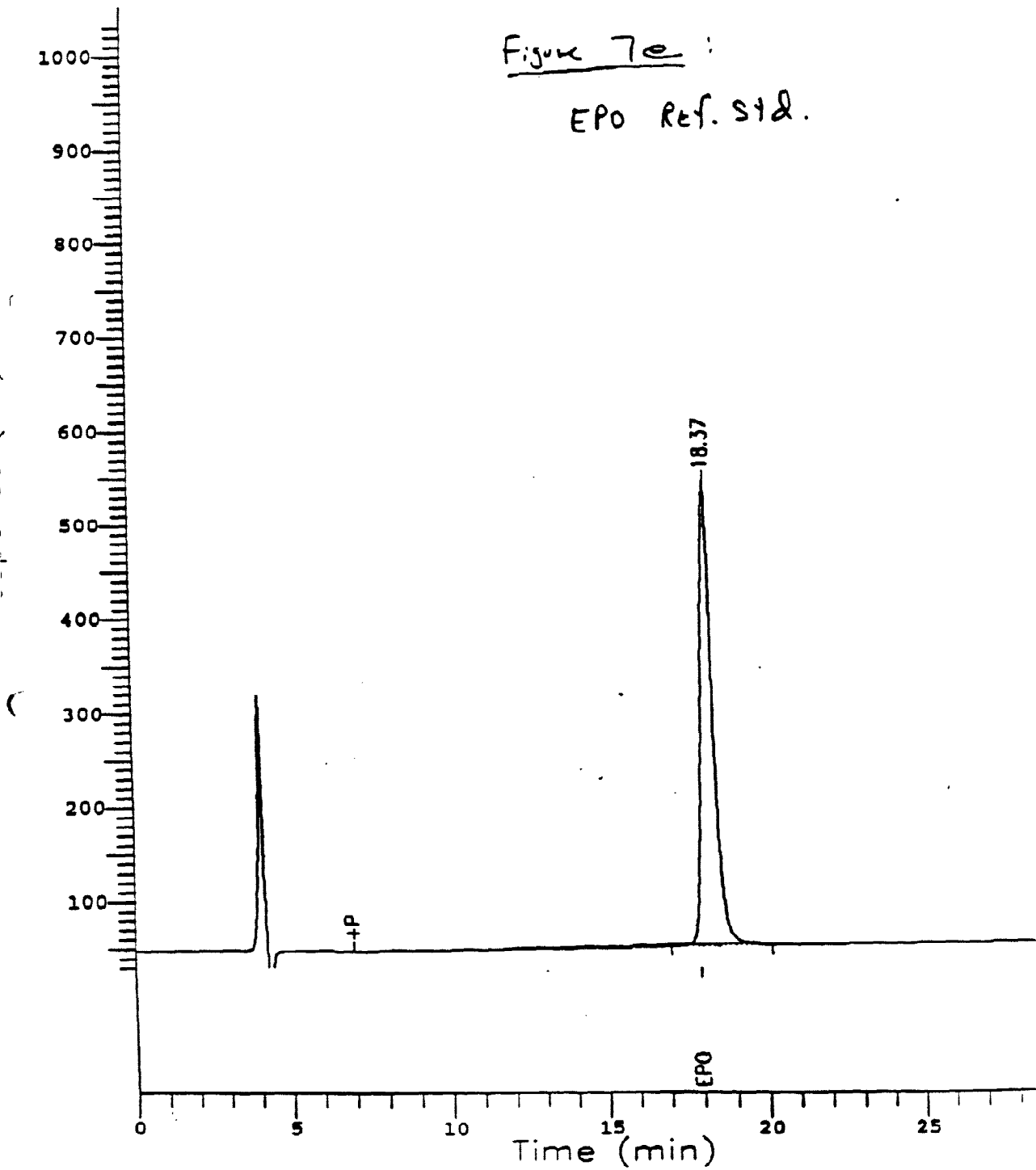
AF 54512

AM-ITC 00315589

Chromatogram

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Start Time : 0.00 min End Time : 30.00 min Low Point : 30.00 mv High Point : 1030.00 mv
Scale Factor: 0 Plot Offset: 30 mv Plot Scale: 1000 mv

Figure 7e :
EPO Ref. Std.



AF 54513