

**ANALISIS POR DIFRACCION DE
RAYOS X
(HOJAS 13-09, 14-09- 15-09)**



Instituto Tecnológico
Geominero de España

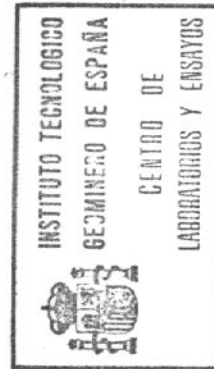
ANALISIS POR DIFRACCION DE RAYOS X DE NUEVE MUESTRAS CORRESPON
DIENTES AL MAGNA (LEON) HOJA 13-9

OT-93/080

----- FRACCION ARCILLA -----

<u>MUESTRA</u>	<u>M.PRINCIPAL</u>	<u>OTROS MINERALES</u>	<u>CONTENIDO</u>	<u>M.PRINCIPALES</u>	<u>OTROS MINERALES</u>
HE-0101	CUARZO	CALCITA	BAJO	MICA	CAOLIN
HE-0102	CUARZO	CALCITA	BAJO	MICA	CLORITA, CAOLIN
HE-0105	CALCITA	CUARZO	TRAZAS	MICA	----
HE-0109	CALCITA, CUARZO	---	BAJO	MICA	----
HE-0110	CUARZO	CALCITA, FELDESP. GOETITA	BAJO	MICA, CAOLIN	----
HE-0112	CUARZO	CALCITA, PLAGIOC. GOETITA	BAJO/MEDIO	MICA, CAOLIN	ESMECTITA (?)
HE-0113	CALCITA, CUARZO	FELDESPATOS	BAJO/MEDIO	MICA, CAOLIN	ESMECTITA (?)
HE-0114	CUARZO	CALCITA, FELDESPATOS	BAJO/MEDIO	MICA, CAOLIN	----
HE-0115	CALCITA, CUARZO	PLAGIOCLASAS	BAJO	MICA, CAOLIN	----

Madrid, 13 de Mayo 1993



CENTRO DE LABORATORIOS Y ENSAYOS DEL ITGE
LABORATORIO DE RAYOS X.

ANÁLISIS POR DIFRACCIÓN DE RAYOS X

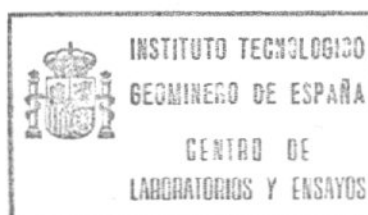
OT: 93-188 (1^{er} envío. Ref. H 161(13-9))

FECHA: 24/9/1993

MUESTRA	MINERAL PRINCIPAL	OTROS MINERALES	FRACCIÓN ARCILLA		
			CONTENIDO	MINERAL PRINCIPAL	OTROS MINERALES
HE-0201	CUARZO	FELDESPATOS (*)	MEDIO/BAJO	CAOLIN, MICA	---
HE-0202	CUARZO	---	BAJO	CAOLIN, MICA	---
HE-0203	CUARZO	---	BAJO/INDICIOS	CAOLIN, MICA	---
HE-0301	CUARZO	FELDESPATOS	MEDIO	ESMECTITA, CAOLIN, MICA	---
HE-0302	CUARZO	FELDESPATOS	MEDIO/ALTO	ESMECTITA	CAOLIN, MICA
HE-0303	CUARZO	PLAGIOCLASAS	MEDIO	ESMECTITA, MICA, CAOLIN	---
HE-0304	CUARZO	FELDESPATOS	BAJO	MICA, CAOLIN	---
HE-0305	CUARZO	PLAGIOCLASAS	MEDIO	MICA, CAOLIN	ESMECTITA
HE-0306	CUARZO	PLAGIOCLASAS	MEDIO	ESMECTITA, MICA, CAOLIN	---
HE-0307	CUARZO	PLAGIOCLASAS	MEDIO	ESMECTITA, MICA, CAOLIN	---
HE-0308	CUARZO	PLAGIOCLASAS	MEDIO	CAOLIN, MICA	---
HE-0309	CUARZO	---	BAJO/INDICIOS	CAOLIN, MICA	---
HE-0401	CUARZO	FELDESPATOS	BAJO	CAOLIN, MICA	ESMECTITA (?)
HE-0402	CUARZO	PLAGIOCLASAS	BAJO	CAOLIN, MICA	---
HE-0403	CUARZO	FELDESPATOS	BAJO	CAOLIN, MICA	ESMECTITA
HE-0404	CALCITA	CUARZO	INDICIOS	CAOLIN, MICA	---
HE-0405	CUARZO	---	INDICIOS	CAOLIN, MICA	---
HE-0406	CUARZO	PLAGIOCLASAS	INDICIOS	CAOLIN, MICA	---
HE-0407	CUARZO	PLAGIOCLASAS	BAJO	CAOLIN, MICA	---
HE-0501	CUARZO	PLAGIOCLASAS, CALCITA	MEDIO/BAJO	CAOLIN, MICA	ESMECTITA (?)

(*) Se describe como Feldespatos cuando existen Plagioclasas y Feldespatos Potásicos.

Se ha encontrado en las muestras 305, 401, 402, 403, 405, 406, 407 una reflexión débil en el entorno de 4.15 Å que podría tratarse de OPALO.





ANÁLISIS POR DIFRACCIÓN DE RAYOS X

AREA DE GEOLOGIA. Exp. 28/93- LEON

OT: 93-188 (2º envío. Ref. H 161(13-9))

FECHA: 15/10/1993

MUESTRA	MINERAL PRINCIPAL	OTROS MINERALES	FRACCION ARGILLA		
			CONTENIDO	MINERALES PRINCIPALES	OTROS MINERALES
HE-0502	CALCITA	CUARZO, FELD. POTASICO	BAJO	CAOLIN, MICA	---
HE-0505	CUARZO	CALCITA, FELDESPATOS	MEDIO/ALTO	ESMECTITA	CAOLIN, MICA
HE-0506	CUARZO	CALCITA, PLAGIOCLASAS	MEDIO	CAOLIN, MICA	ESMECTITA, (*)
HE-0508	CUARZO	CALCITA, FELD. POTASICO (1)(2)	BAJO	CAOLIN, MICA	---
HE-0510	CUARZO	FELDESPATOS	MEDIO/BAJO	CAOLIN, MICA	ESMECTITA, (*)
HE-0601	CUARZO	FELD.POTASICO (TRAZAS)	BAJO	MICA	CAOLIN (?)
HE-0602	CUARZO	FELDESPATOS (TRAZAS)	BAJO	MICA	CAOLIN
HE-0603	CUARZO	FELDESPATOS (TRAZAS)	MEDIO	CAOLIN, MICA	---
HE-0604	CUARZO	PLAGIOCLASAS	MEDIO	CAOLIN, MICA	---
HE-0605	CUARZO	PLAGIOCLASAS	MEDIO	CAOLIN, MICA	---
HE-0606	CUARZO	PLAGIOCLASAS	MEDIO	CAOLIN, MICA	---
HE-0607	CUARZO	PLAGIOCLASAS	MEDIO/ALTO	CAOLIN, MICA	---
HE-0608	CUARZO	PLAGIOCLASAS (TRAZAS)	MEDIO/BAJO	MICA, CAOLIN	---
HE-0609	CUARZO	PLAGIOCLASAS	MEDIO/BAJO	MICA, CAOLIN	---
HE-0610	CUARZO	PLAGIOCLASAS (2)	MEDIO	MICA	CAOLIN
HE-0611	CUARZO	PLAGIOCLASAS	MEDIO/ALTO	ESMECTITA, MICA	CAOLIN
HE-0701	CUARZO	---	BAJO	MICA, CAOLIN	---
HE-0702	CUARZO	PLAGIOCLASAS	MEDIO	MICA, CAOLIN	---
HE-0703	CUARZO	---	BAJO	MICA, CAOLIN	---
HE-0704	CUARZO	PLAGIOCLASAS	MEDIO/BAJO	MICA, CAOLIN	---
HE-705	CUARZO	PLAGIOCLASAS (TRAZAS)	BAJO	MICA, CAOLIN	---
HE-706	CUARZO	FELDESPATOS (2)	MEDIO	CAOLIN, MICA	---
IGSR-6001	CUARZO	---	INDICIOS	CAOLIN	---
IGSR-6002	CUARZO	--- (2)	MEDIO/BAJO	CAOLIN	MICA (*) (3)
IGSR-6003	CUARZO	--- (2)	BAJO	CAOLIN, MICA	---
IGSR-6004	CUARZO	---	BAJO	CAOLIN, MICA	---
HE-9001	CALCITA	CUARZO	INDICIOS	PALIGORSKITA	---

(*) Se observan INTERESTRATIFICADOS.

(1) Ambos a nivel de trazas.

(2) Posible presencia de OPALO.

(3) TRAZAS DE ESMECTITA.



CENTRO DE LABORATORIOS Y ENSAYOS DEL ITGE
LABORATORIO DE RAYOS X.

ANALISIS POR DIFRACCION DE RAYOS X

AREA DE GEOLOGIA. Exp. 28/93- LEON

OT: 93-188 (3º envío. Ref. H-161(14-9))

162?

FECHA: 29/10/1993

MUESTRA	MINERAL PRINCIPAL	OTROS MINERALES	FRACCION ARCILLA		
			CONTENIDO	MINERALES PRINCIPALES	OTROS MINERALES
HE-0501	CALCITA	CUARZO	TRAZAS	MICA	---
HE-0502	CALCITA, CUARZO	FELD. POTASICO	BAJO	ESMECTITA	MICA, CAOLIN
HE-0503	CALCITA	CUARZO	BAJO/TRAZAS	ESMECTITA	MICA, CAOLIN
HE-0504	CALCITA, CUARZO	---	TRAZAS	MICA, CAOLIN	---
HE-0505	CALCITA, CUARZO	---	TRAZAS	MICA, CAOLIN	---
HE-0506	CALCITA	CUARZO	---	---	---
HE-0507	CALCITA	CUARZO	---	---	---
HE-0508	CALCITA, CUARZO	---	MEDIO	ESMECTITA	MICA, CAOLIN
HE-0509	CUARZO	CALCITA, PLAGIOCLASAS, OPALO	MEDIO/BAJO	MICA, CAOLIN	INTERESTRATIF.
HE-0510	CUARZO	CALCITA, FELD.POTASICO	TRAZAS	MICA, CAOLIN	---
HE-0511	CUARZO, CALCITA	---	BAJO	MICA, CAOLIN	ESMECTITA (?)
HE-0512	CUARZO	FELD. POTASICO	BAJO	MICA, CAOLIN	---
HE-0513	CUARZO	FELD. POTASICO, OPALO	BAJO	MICA, CAOLIN	ESMECTITA (?)
HE-0514	CUARZO	PLAGIOCLASAS, OPALO	BAJO	MICA, CAOLIN	---
HE-0515	CUARZO	CALCITA (TRAZAS)	TRAZAS	MICA, CAOLIN	---
HE-0516	CUARZO	---	MEDIO/BAJO	MICA, CAOLIN	ESMECTITA (?)
HE-0517	CUARZO	---	TRAZAS	CAOLIN, MICA	---
HE-0518	CUARZO	PLAGIOCLASAS, OPALO	BAJO	CAOLIN, MICA	---

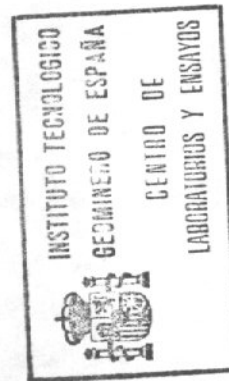


Instituto Tecnológico
GeoMinero de España

ANÁLISIS POR DIFRACCIÓN DE RAYOS X DE CATORCE MUESTRAS CORRESPON-
DIENTES A MAGNA ~~dióxido~~ (HOJA 14-9) **GNADAFES**

-----FRACCION ARCILLA -----				
<u>MUESTRA</u>	<u>M. PRINCIPAL</u>	<u>OTROS MINERALES</u>	<u>CONTENIDO</u>	<u>M. PRINCIPALES</u> <u>OTROS MINERALES</u>
HE-0601	CUARZO, CALCITA	FELDESP. POTASICO	BAJO	MICA, CAOLIN CLORITA
HE-0602	CALCITA, CUARZO	DOLOMITA, FELDESP. POTS.	BAJO	MICA CAOLIN, CLORITA
HE-0603	CUARZO	CALCITA, PLAGIOCLASAS	BAJO	MICA, CAOLIN -----
HE-0604	CUARZO, CALCITA	FELDESP. POTASICO	BAJO	MICA, CAOLIN CLORITA
HE-0605	CUARZO, CALCITA	DOLOMITA, FELDESP. POTS.	BAJO	MICA, CAOLIN CLORITA
HE-0606	CUARZO, CALCITA	FELDESPATOS	BAJO	MICA, CAOLIN CLORITA
HE-0607	CUARZO, CALCITA	FELDESP. POTASICO	BAJO	MICA, CAOLIN -----
HE-0608	CALCITA	CUARZO, FELDESP. POTS.	BAJO	MICA, CAOLIN -----
HE-0609	CUARZO	CALCITA, FELDESPATOS	BAJO	MICA, CAOLIN -----
HE-0612	CALCITA, CUARZO	FELDESP. POTS. DOLOMITA	BAJO	MICA, CAOLIN CLORITA
HE-0613	CUARZO	CALCITA, FELDESP. POTS.	BAJO/MEDIO	MICA, CAOLIN CLORITA
HE-0615	CUARZO	CALCITA, FELDESP. POTS.	BAJO	MICA, CAOLIN CLORITA
HE-0616	CUARZO	CALCITA, FELDESPATOS	BAJO	MICA, CAOLIN CLORITA
HE-0617	CALCITA, CUARZO	FELDESPATO POTASICO	BAJO	MICA, CAOLIN CLORITA
HE-0618	CUARZO	CALCITA, FELDESPATOS	BAJO	MICA, CAOLIN CLORITA
HE-0619	CALCITA, CUARZO	FELDESPATO POTASICO	BAJO	MICA, CAOLIN CLORITA
HE-0620	CALCITA, CUARZO	-----	BAJO	----- CAOLIN
HE-0621	CUARZO, CALCITA	FELDESPATO POTASICO	BAJO	MICA, CAOLIN CLORITA

Madrid 13 de Mayo de 1993





ANÁLISIS POR DIFRACCIÓN DE RAYOS X

Proyecto: MAGNA DE LEON (Dirección de Geología)

DTT: 93-332

FECHA: 31/11/1993

HOJA 14-9

MUESTRA	MINERALES PRINCIPALES	OTROS MINERALES	FRACCIÓN ARCILLA		
			CONTENIDO	MINERALES PRINCIPALES	OTROS MINERALES
HE-0625	CUARZO, CALCITA	FELD. POTÁSICO	BAJO	MICA, CAOLIN	---
HE-0626	CALCITA, CUARZO	---	BAJO	MICA, CAOLIN	---
HE-0627	CALCITA, CUARZO	FELD. POTÁSICO	BAJO	MICA, CAOLIN	---
HE-0628	CALCITA, CUARZO	FELD. POTÁSICO	BAJO	MICA, CAOLIN	(1) ESMECTITA/VERMICULITA (?)
HE-0629	CUARZO, CALCITA	FELDESPATOS	BAJO	MICA, CAOLIN	---
HE-0632	CUARZO	CALCITA, FELDESPATOS	BAJO	MICA, CAOLIN	(1) ESMECTITA/VERMICULITA
HE-0633	CUARZO, CALCITA	FELDESPATOS	BAJO	MICA, CAOLIN	(1) ESMECTITA/VERMICULITA
HE-0634	CALCITA, CUARZO	FELDESPATOS	BAJO	MICA, CAOLIN	(1) ESMECTITA/VERMICULITA
HE-0635	CUARZO, CALCITA	---	INDICIOS	---	---
HE-0636	CUARZO	CALCITA, FELD. POTÁSICO	BAJO	MICA, CAOLIN	(1) ESMECTITA/VERMICULITA
HE-0637	CUARZO, CALCITA	---	BAJO	MICA, CAOLIN	(1) ESMECTITA/VERMICULITA
HE-0638	CUARZO	CALCITA, FELDESPATOS	BAJO/MEDIO	MICA, CAOLIN	(1) ESMECTITA/VERMICULITA (?)
HE-0639	CUARZO, CALCITA	---	INDICIOS	---	---

HOJA 15-9

HE-0201	CUARZO	CALCITA, FELDESPATOS	MEDIO	ESMECTITA	CAOLIN, MICA
HE-0202	CALCITA	CUARZO	BAJO	ESMECTITA, CAOLIN, MICA	---
HE-0502	CUARZO	CALCITA, FELDESPATOS	INDICIOS	CAOLIN, MICA	---
HE-0503	CUARZO, CALCITA	OPALO	BAJO	CAOLIN, MICA	---
HE-0702	CUARZO	FELDESPATOS	MEDIO/ALTO	MICA, CAOLIN	(1) ESMECTITA/VERMICULITA
HE-0703	CUARZO	CALCITA, FELDESPATOS, OPALO	MEDIO	MICA, CAOLIN	(1) ESMECTITA/VERMICULITA (?)
HE-0704	CALCITA	CUARZO	INDICIOS	---	---
HE-0803	CALCITA, CUARZO	FELDESPATOS	MEDIO/BAJO	MICA, CAOLIN	---
HE-0805	CUARZO	CALCITA, FELDESPATOS	MEDIO	MICA, CAOLIN	(1) ESMECTITA/VERMICULITA (?)

(1) No hinchable al tratamiento con Etilenglicol y colapsable a 550°C.





ANALISIS POR DIFRACCION DE RAYOS X DE CATORCE MUESTRAS CORRESPON-
DIENTES A MAGNA ~~HOJA~~ (HOJA 15-9) **ALMANZA**

<u>MUESTRA</u>	<u>M.PRINCIPAL</u>	<u>OTROS MINERALES</u>	<u>CONTENIDO</u>	<u>M.PRINCIPALES</u>	<u>OTROS MINERALES</u>
HE-0101	CUARZO	CALCITA, PELDESPATOS	MEDIO	MICA, CAOLIN	----
HE-0102	CUARZO, CALCITA	PLAGIOCLASAS, GOETITA	BAJO/MEDIO	MICA, CAOLIN	CLORITA
HE-0103	CALCITA, CUARZO	FELDESPATO POTASICO	BAJO	MICA, CAOLIN	----
HE-0104	CALCITA	CUARZO	BAJO	MICA, CAOLIN	----
HE-0105	CALCITA, CUARZO	FELDESPATO POTASICO	BAJO	ESMECTITA	MICA, CAOLIN
HE-0108	CUARZO	FELDESPATOS	BAJO	MICA	CAOLIN
HE-0110	CALCITA, CUARZO	FELDESPATOS	BAJO	ESMECTITA, MICA	CAOLIN
HE-0111	CALCITA	CUARZO, PLAGIOCLASAS	BAJO	MICA	CAOLIN, ESMECTITA
HE-0112	CALCITA	CUARZO	--	----	----
HE-0113	CALCITA	CUARZO, GOETITA	BAJO/MEDIO	ESMECTITA	CAOLIN
HE-0115	CALCITA	CUARZO	--	----	----
HE-0116	CUARZO	FELDESPATOS	BAJO/MEDIO	MICA	CAOLIN, ESMECTITA
HE-0117	CUARZO	GOETITA	BAJO	MICA	CAOLIN
HE-0118	CUARZO	PLAGIOCLASAS, GOETITA	MEDIO	MICA	CAOLIN
HE-0119	CUARZO	CALCITA, FELDESPATOS	BAJO	ESMECTITA, CAOLIN, MICA	----
HE-0120	CUARZO	CALCITA, FELDESPATOS	BAJO/MEDIO	ESMECTITA, CAOLIN, MICA	----
HE-0122	CUARZO	FELDESPATOS	MEDIO	MICA	CAOLIN
HE-0401	CALCITA	CUARZO	BAJO	MICA	----
HE-0402	CUARZO	FELDESPATOS	MEDIO	MICA	CAOLIN
HE-0403	CUARZO, CALCITA	FELDESPATOS	BAJO/MEDIO	MICA, CAOLIN	----
HE-0404	CALCITA, CUARZO	FELDEP. POTASICO, GOETITA	BAJO/MEDIO	MICA, CAOLIN	ESMECTITA
HE-0405	CUARZO	CALCITA, FELDESPATOS	BAJO/MEDIO	ESMECTITA, MICA	CAOLIN
HE-0406	CUARZO	CALCITA, PLAGIOCLASAS	BAJO/MEDIO	ESMECTITA, MICA	CAOLIN
HE-0407	CALCITA	CUARZO	----	----	----



15-9 ALMANZA

----- FRACCION ARCILLA -----

<u>MUESTRA</u>	<u>M. PRINCIPAL</u>	<u>OTROS MINERALES</u>	<u>CONTENIDO</u>	<u>M. PRINCIPALES</u>	<u>OTROS MINERALES</u>
HE-0408	CALCITA, CUARZO	FELDESPATOS	BAJO	ESMECTITA, MICA	CAOLIN
HE-0409	CUARZO, CALCITA	FELDESPATOS	BAJO	MICA	CAOLIN, ESMECTITA
HE-0410	CUARZO	CALCITA, FELDESPATOS	BAJO/MEDIO	MICA	CAOLIN, ESMECTITA
HE-0411	CUARZO, CALCITA	FELDESPATOS	BAJO	MICA	CAOLIN, ESMECTITA
HE-0412	CUARZO	FELDESPATOS	BAJO/MEDIO	MICA	CAOLIN, ESMECTITA
HE-0413	CUARZO	FELDESPATOS	MEDIO	MICA	CAOLIN, ESMECTITA
HE-0414	CALCITA, CUARZO	FELDESPATOS	BAJO	MICA	CAOLIN
HE-0415	CUARZO	FELDESPATOS	BAJO/MEDIO	MICA	CAOLIN
HE-0416	CUARZO	FELDESPATOS	BAJO/MEDIO	MICA	CAOLIN
HE-0417	CUARZO	---	TRAZAS	MICA, CAOLIN	---
HE-0418	CUARZO	CALCITA, PLAGIOCLASAS	BAJO	MICA, CAOLIN	---
HE-0419	CUARZO	---	TRAZAS	MICA, CAOLIN	---
HE-0420	CUARZO	FELDESPATOS	MEDIO	MICA	CAOLIN

Se observan interestratificados y posible CLORITA (mineral a 14A, no hinchable al tratamiento con Etilenglicol)

Madrid 13 de Mayo de 1993





ANÁLISIS POR DIFRACCIÓN DE RAYOS X

AREA DE GEOLOGIA. Exp. 28/93- LEON

OT: 93-188 (4º envío. Ref. H 163(15-9))

FECHA: 23/11/1993

MUESTRA	MINERAL PRINCIPAL	OTROS MINERALES	FRACCIÓN ARCILLA		
			CONTENIDO	MINERALES PRINCIPALES	OTROS MINERALES
HE-0602	CUARZO	CALCITA, PLAGIOCLASAS *	MEDIO/BAJO	CAOLIN, MICA	---
HE-0603	CUARZO	CALCITA, PLAGIOCLASAS *	MEDIO/BAJO	CAOLIN, MICA	---
HE-0604	CUARZO	CALCITA, PLAGIOCLASAS, OPALO	MEDIO/BAJO	CAOLIN, MICA	---
HE-0605	CUARZO	PLAGIOCLASAS	MEDIO/BAJO	CAOLIN, MICA	---
HE-0606	CUARZO, CALCITA	PLAGIOCLASAS	BAJO	CAOLIN, MICA	---
HE-0607	CUARZO, CALCITA	PLAGIOCLASAS *	BAJO	CAOLIN, MICA	---
HE-0608	CUARZO, CALCITA	PLAGIOCLASAS *	BAJO	CAOLIN, MICA	---
HE-0609	CUARZO	CALCITA, PLAGIOCLASAS *	MEDIO/BAJO	CAOLIN, MICA	TALCO, PIROFILITA (1)
HE-0610	CUARZO, CALCITA	PLAGIOCLASAS	MEDIO/BAJO	MICA, CAOLIN	ESMECTITA (?)
HE-0611	CUARZO	FELDSPATO, CALCITA, OPALO	MEDIO/BAJO	MICA, CAOLIN	---
HE-0612	CUARZO	CALCITA, PLAGIOCLASAS *	MEDIO/BAJO	MICA, CAOLIN	---
HE-0613	CUARZO	PLAGIOCLASAS *	MEDIO/BAJO	MICA, CAOLIN	---
HE-0614	CUARZO	PLAGIOCLASAS	MEDIO/BAJO	MICA, CAOLIN	TALCO, PIROFILITA (1)
HE-0615	CUARZO	PLAGIOCLASAS, OPALO	BAJO	MICA, CAOLIN	---
HE-0616	CUARZO	PLAGIOCLASAS, OPALO	BAJO	CAOLIN	MICA
HE-0901	CUARZO, CALCITA	---	BAJO	MICA, CAOLIN	---
HE-0902	CALCITA, CUARZO	---	INDICIOS	CAOLIN, MICA	---
HE-0903	CUARZO	FELDESPATOS	INDICIOS	MICA	CAOLIN
HE-0904	CUARZO	PLAGIOCLASAS, CALCITA *	MEDIO/BAJO	CAOLIN, MICA	PIROFILITA (1)





CENTRO DE LABORATORIOS Y ENSAYOS DEL ITGE
LABORATORIO DE RAYOS X.

ANALISIS POR DIFRACCION DE RAYOS X

AREA DE GEOLOGIA. Exp. 28/93- LEON

OT: 93-188 (4º envío. Ref. H 163(15-9))

FECHA: 23/11/1993

CONTINUACION

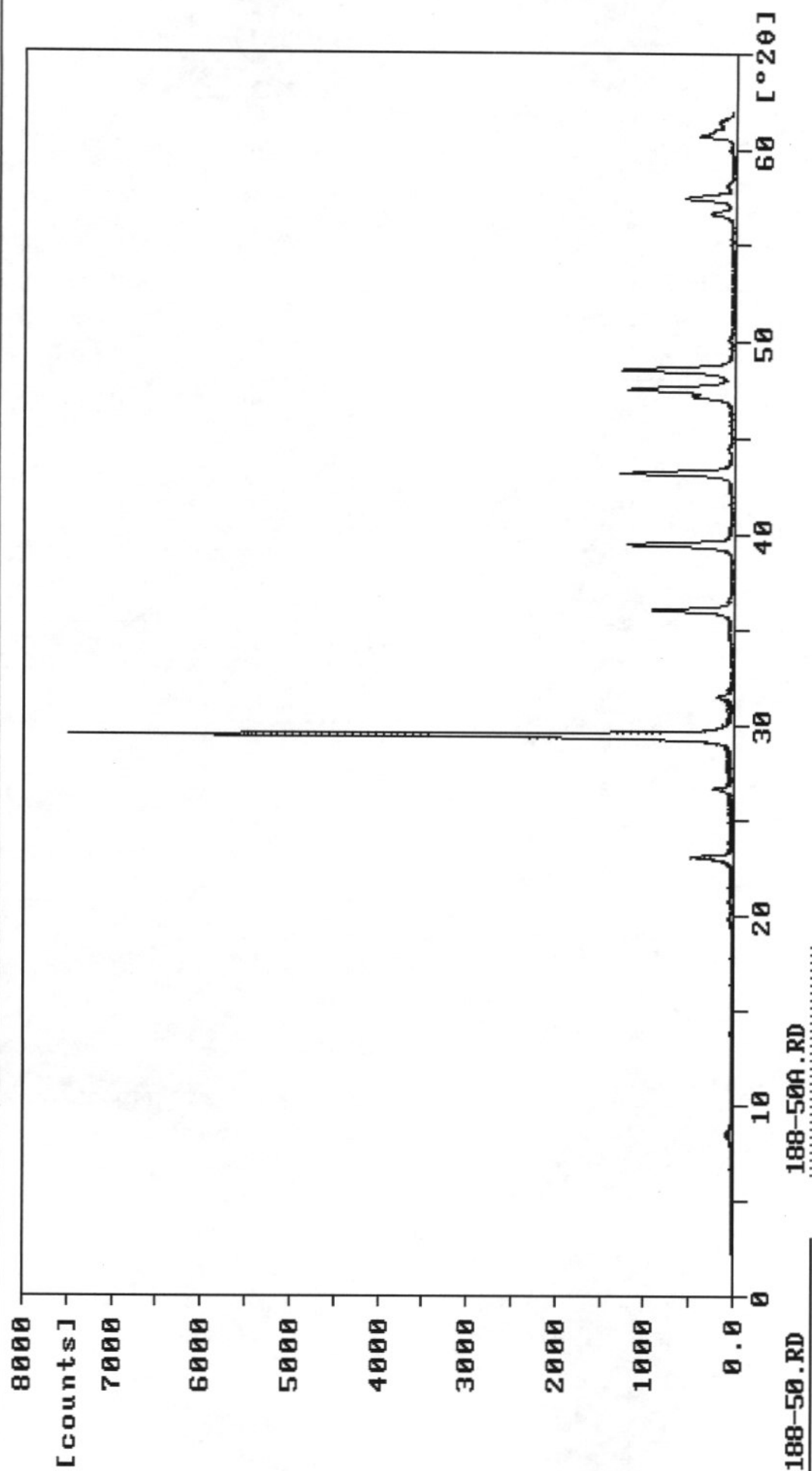
MUESTRA	MINERAL PRINCIPAL	OTROS MINERALES	FRACCION ARCILLA		
			CONTENIDO	MINERALES PRINCIPALES	OTROS MINERALES
HE-0905	CUARZO, CALCITA	PLAGIOCLASAS, OPALO	BAJO	CAOLIN, MICA	---
HE-0906	CUARZO, CALCITA	FELDESPATOS	BAJO	CAOLIN	MICA, ESMECTITA
HE-0907	CUARZO	<u>OPALO</u>	BAJO	CAOLIN, MICA	---
HE-0908	CUARZO	PLAGIOCLASAS, OPALO	MEDIO/BAJO	CAOLIN	MICA, ESMECTITA (?)
HE-0909	CUARZO, CALCITA	PLAGIOCLASAS *	BAJO	CAOLIN, MICA	---
HE-0910	CUARZO	CALCITA, PLAGIOCLASAS *	MEDIO/BAJO	CAOLIN, MICA	---
HE-0911	CUARZO	CALCITA, PLAGIOCLASAS *	MEDIO/BAJO	CAOLIN, MICA	---
HE-0913	CUARZO	CALCITA, PLAGIOCLASAS *	BAJO	CAOLIN, MICA	---
HE-0914	CUARZO	CALCITA, PLAGIOCLASAS *	MEDIO/BAJO	CAOLIN, MICA	---
HE-0915	CUARZO, CALCITA	--- *	BAJO	CAOLIN	MICA
HE-0916	CUARZO	OPALO	INDICIOS	CAOLIN, MICA	---
HE-0917	CUARZO	PLAGIOCLASAS *	BAJO	CAOLIN, MICA	---
HE-0918	CUARZO	OPALO	INDICIOS	CAOLIN, MICA	---
HE-0919	CUARZO	OPALO	INDICIOS	CAOLIN, MICA	---
HE-0920	CUARZO	<u>OPALO</u>	INDICIOS	CAOLIN, MICA	---
HE-0921	CUARZO	OPALO	INDICIOS	CAOLIN, MICA	---

* Trazas de OPALO

- (1) Se define como TALCO/PIROFILITA un mineral de 9.20 Å que no se puede diferenciar con exactitud por su poca intensidad.

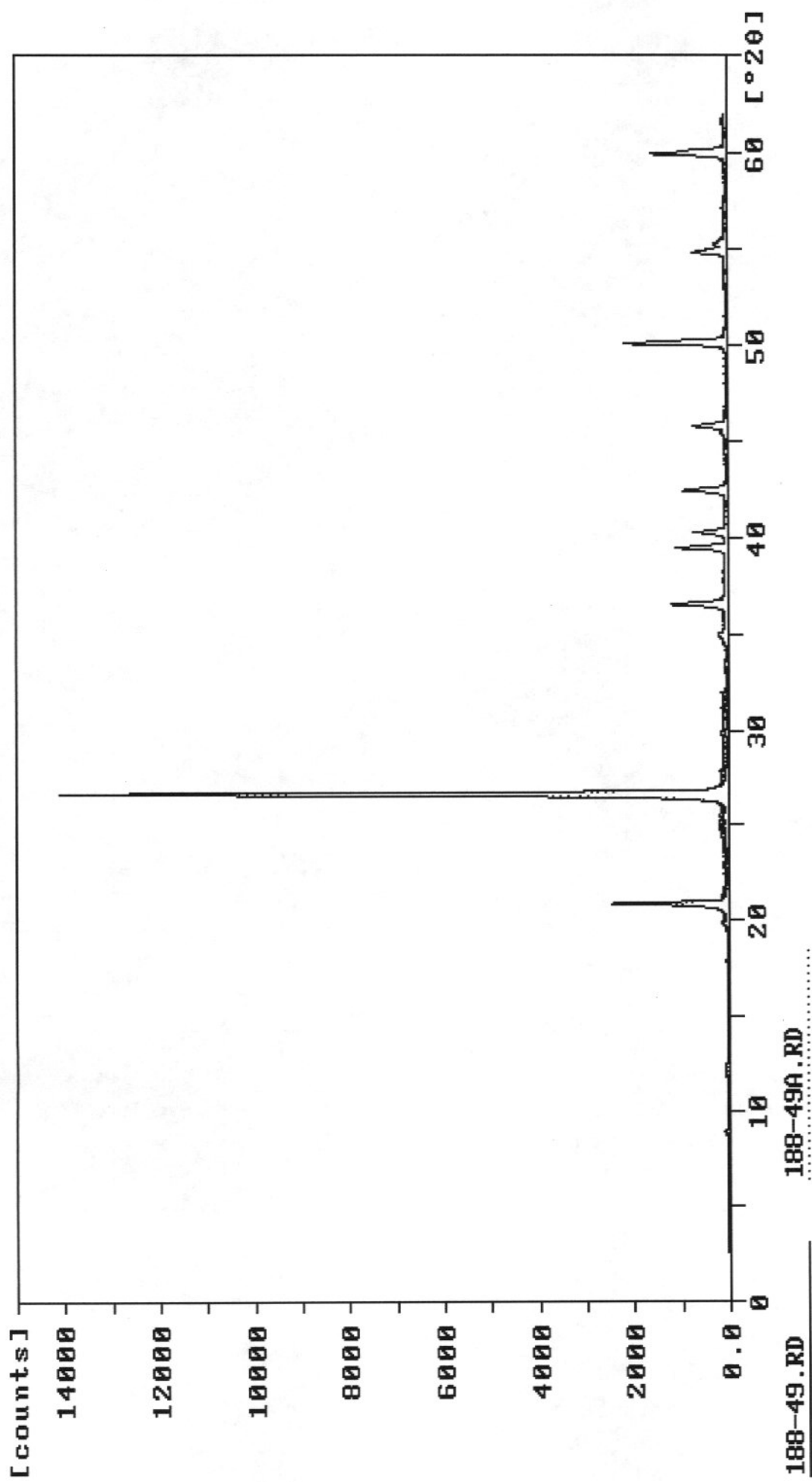
Sample identification: H161(13-9)HE-9001

15-dec-1993 12:47



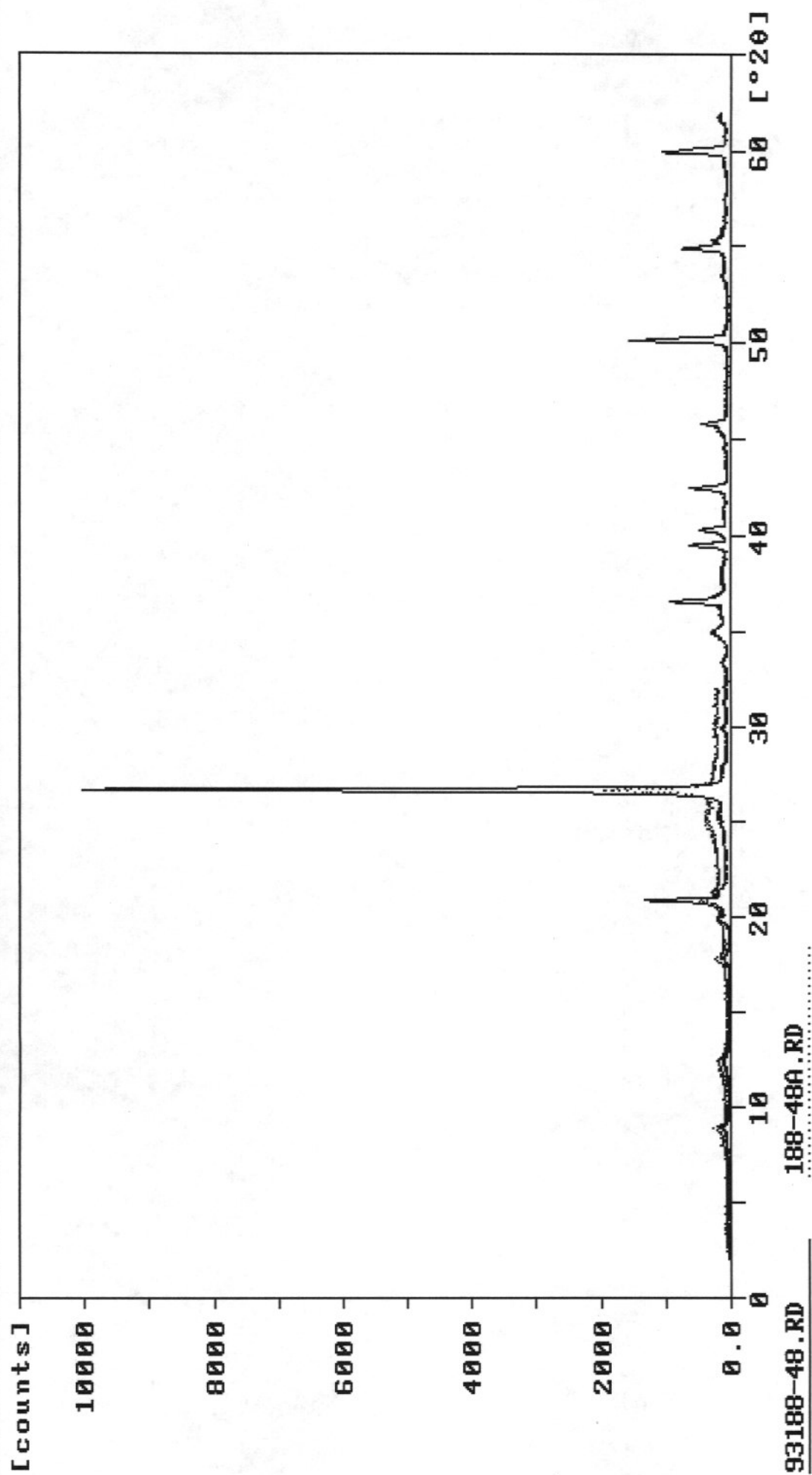
Sample identification: H161(13-9)IGSR-6004

15-dec-1993 12:46



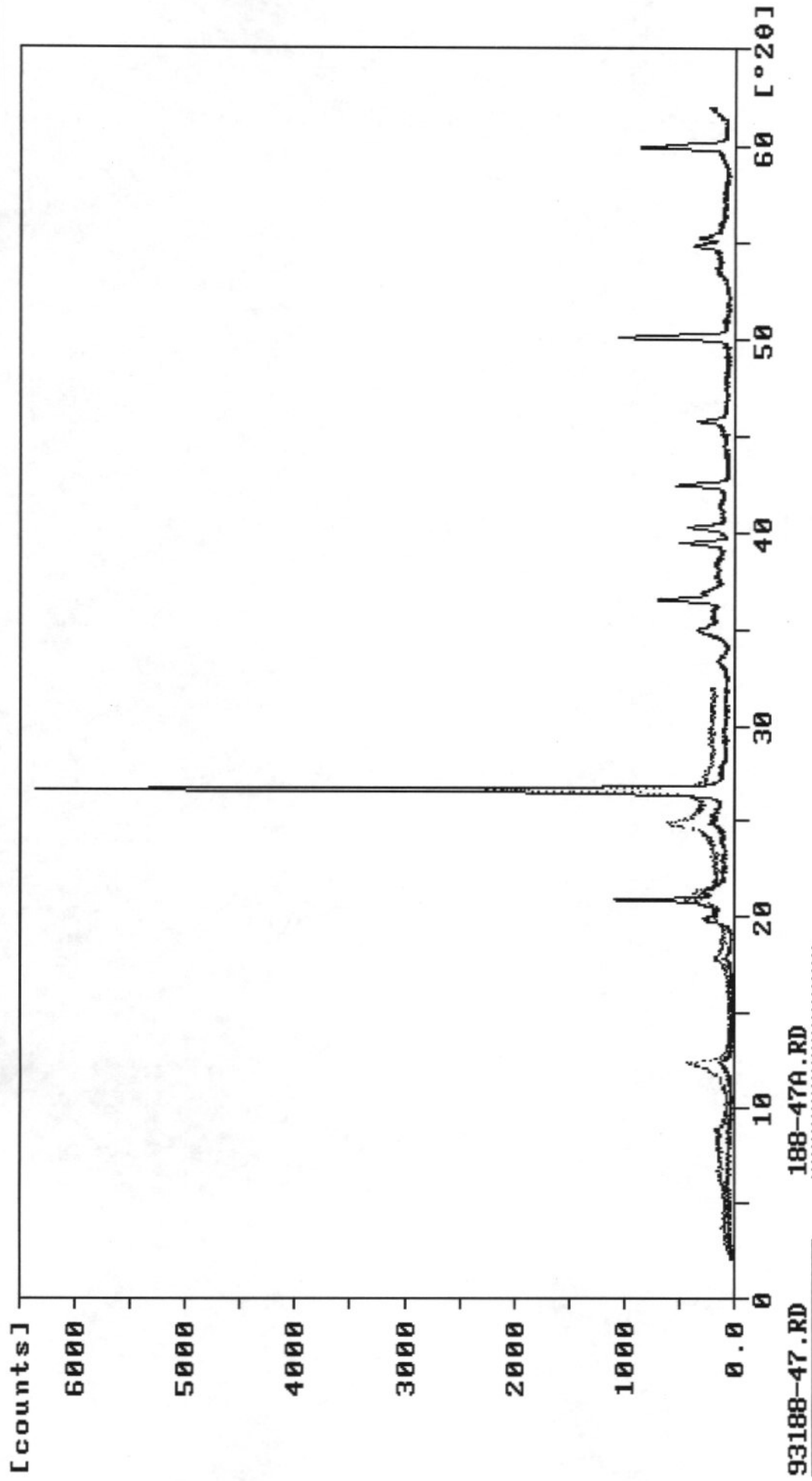
Sample identification: H161(13-9)IGSR-6003

15-dec-1993 12:43



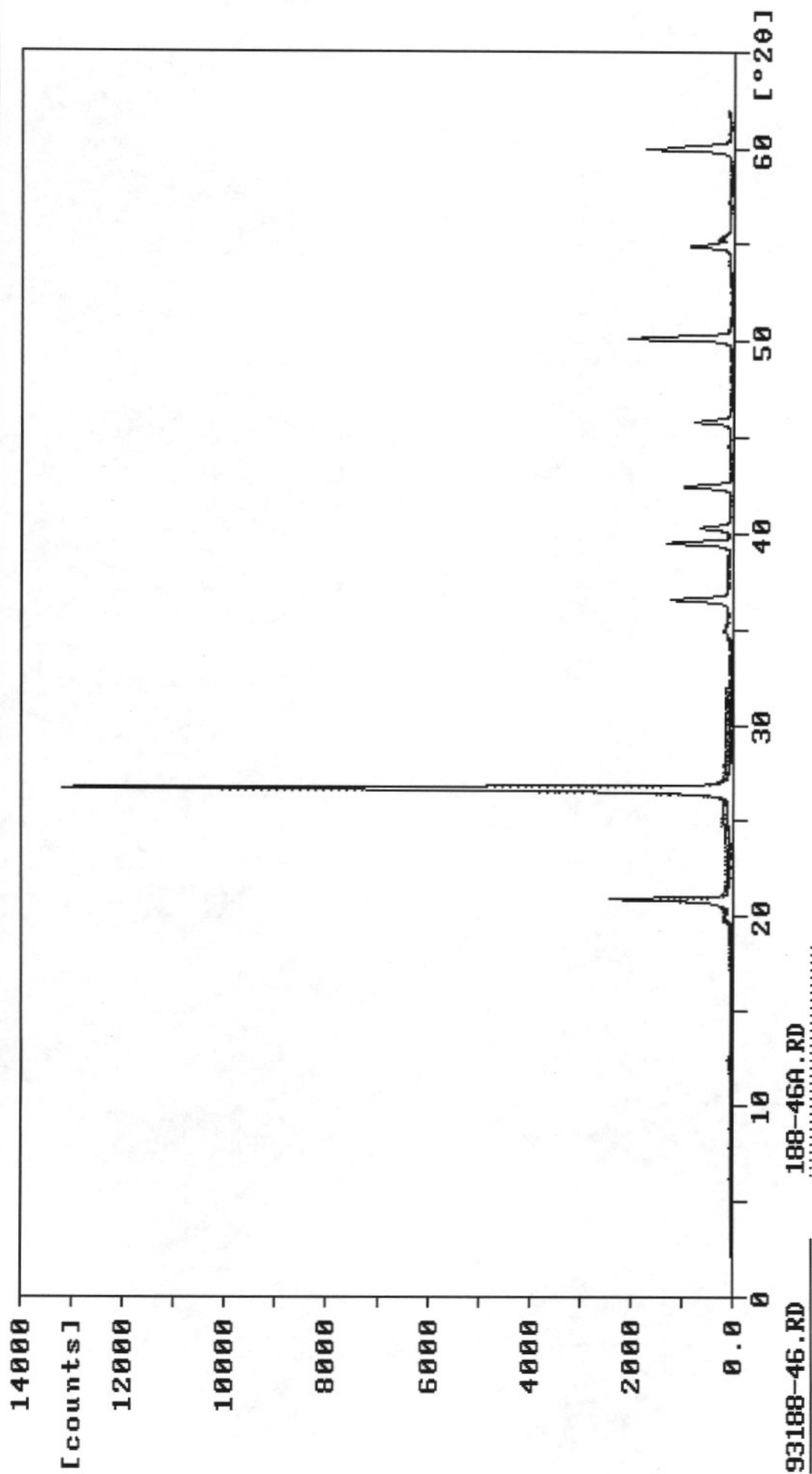
Sample identification: H161(13-9)IGSR-6002

15-dec-1993 12:42



Sample identification: H161(13-9) IGSR-6001

15-dec-1993 12:41

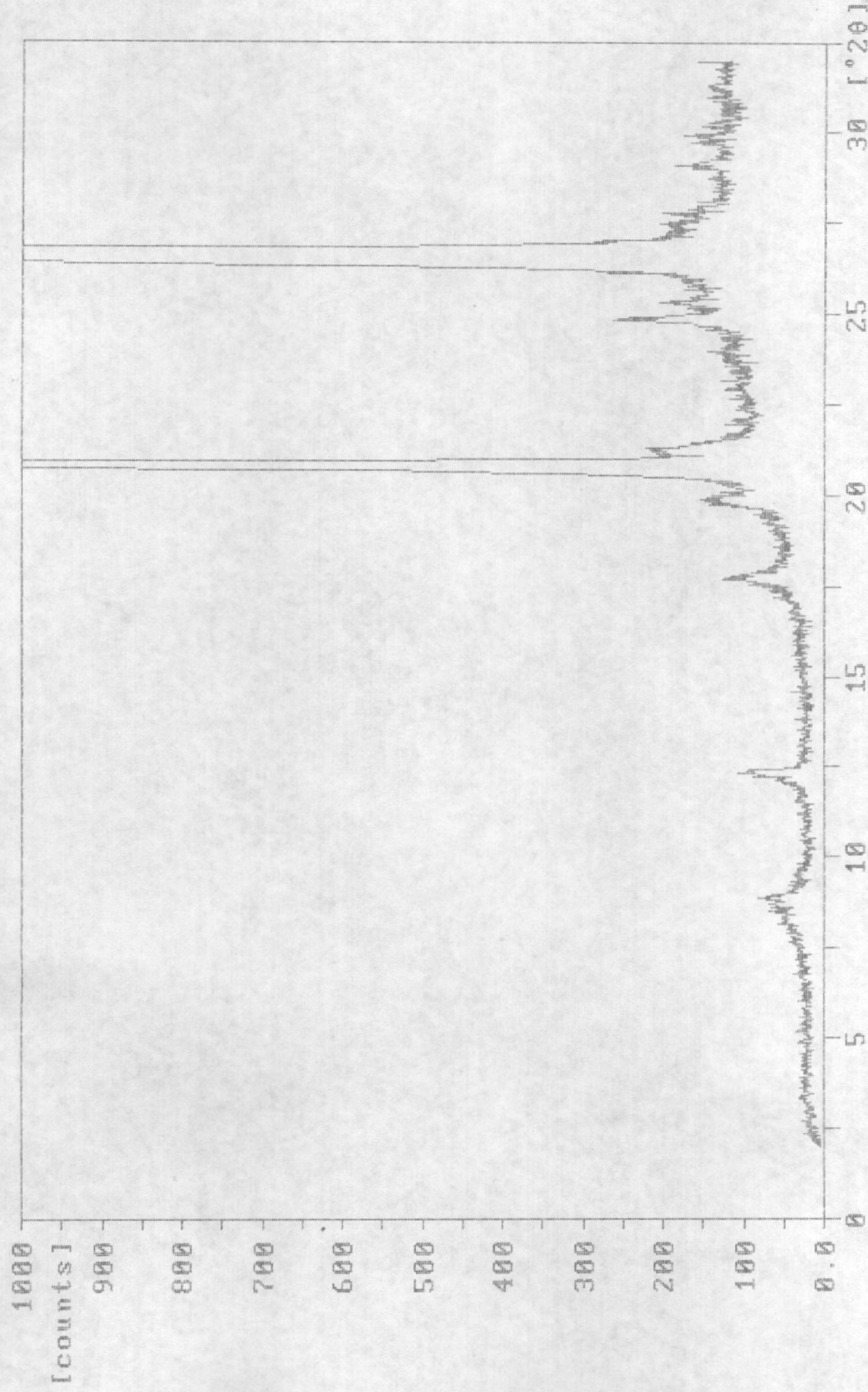


93188-46.RD

188-46A.RD

Sample identification: H163(15-9)HE-0921

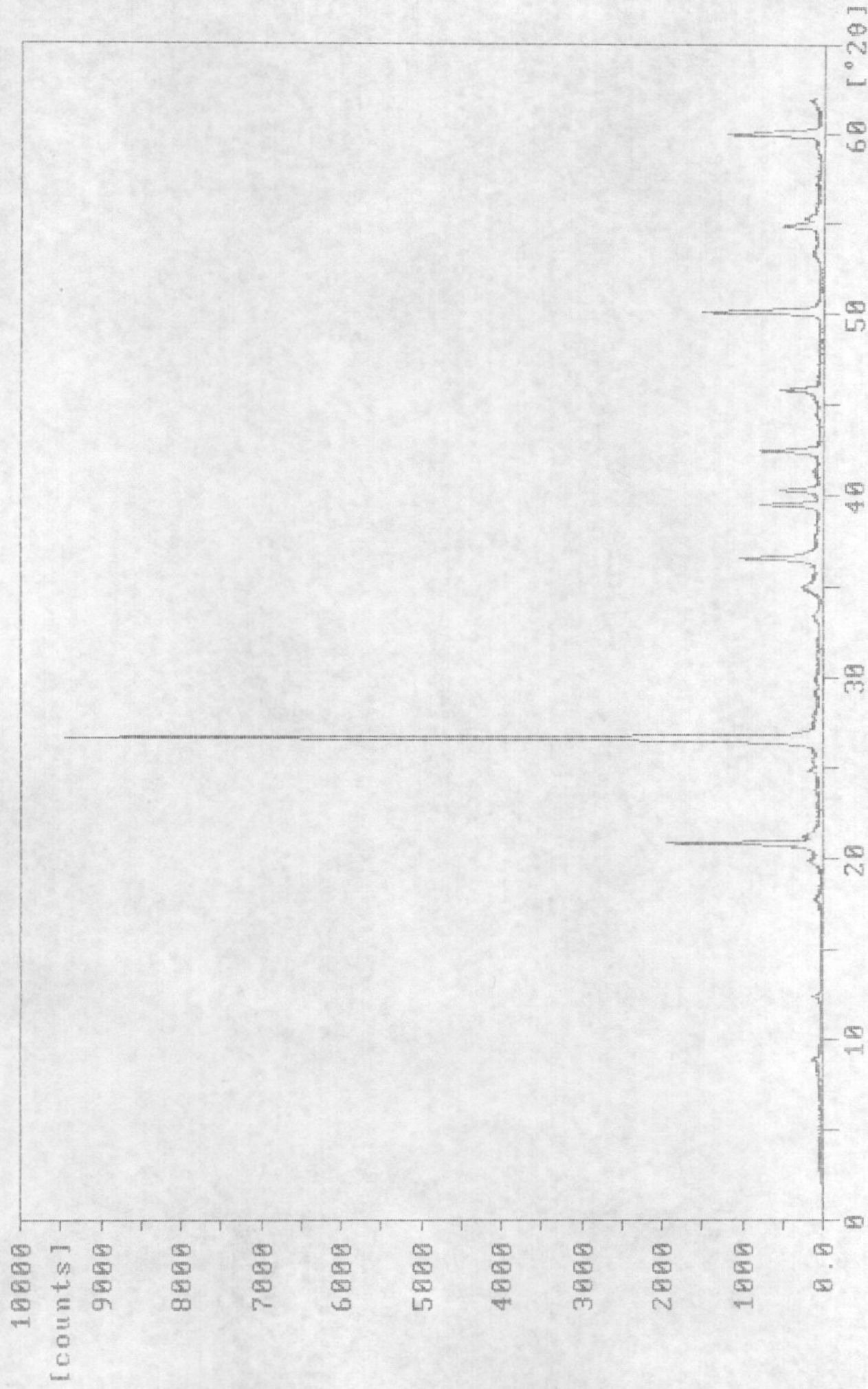
18-nov-1993 12:54



188-104A.RD

Sample identification: H163(15-9)HE-0921

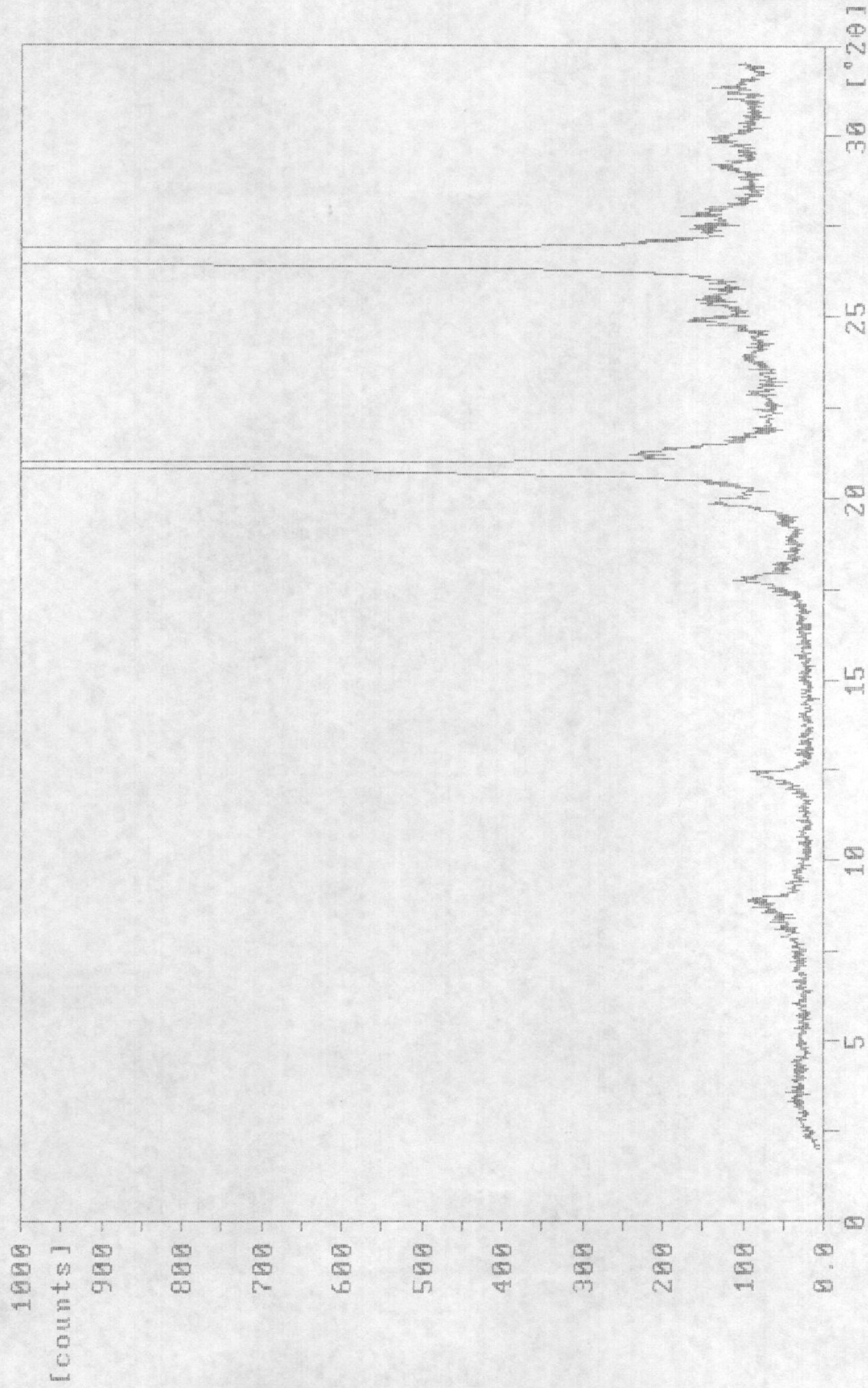
17-nov-1993 12:09



188-104.RD

Sample identification: H163(15-9)HE-0920

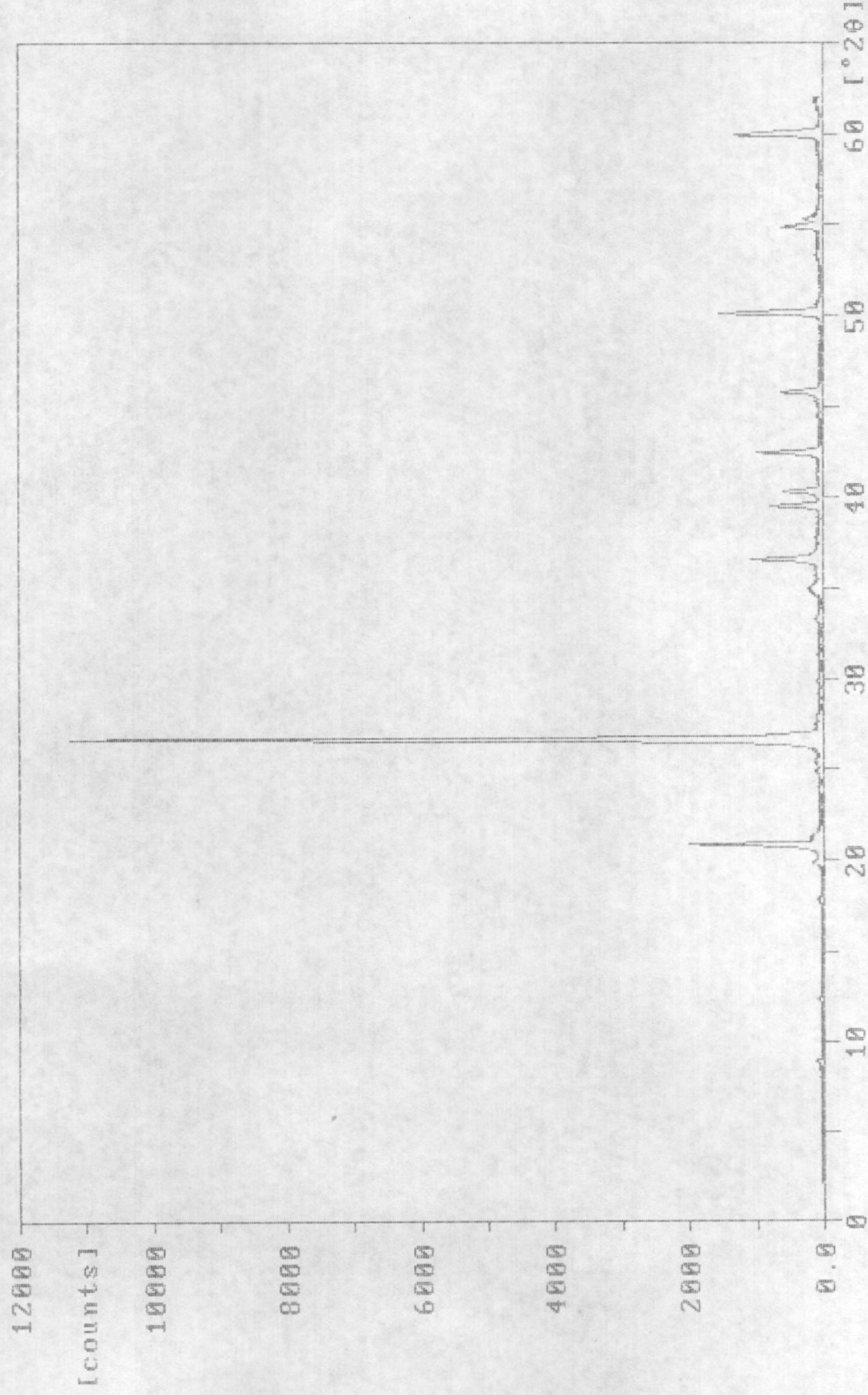
18-nov-1993 12:36



188-103A.RD

Sample identification: H163(15-9)HE-0920

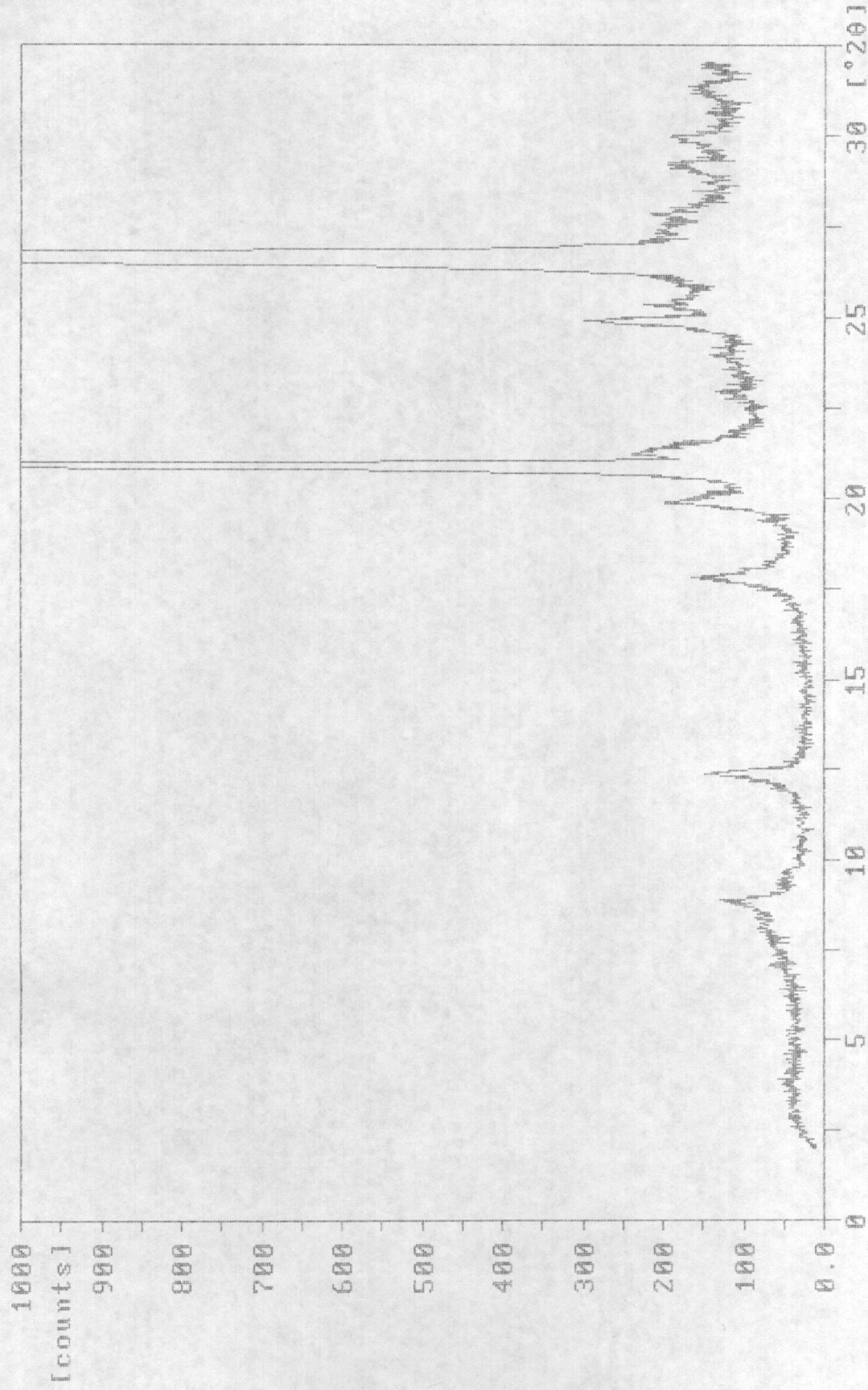
17-nov-1993 11:38



180-103.RD

Sample identification: H163(15-9)HE-0919

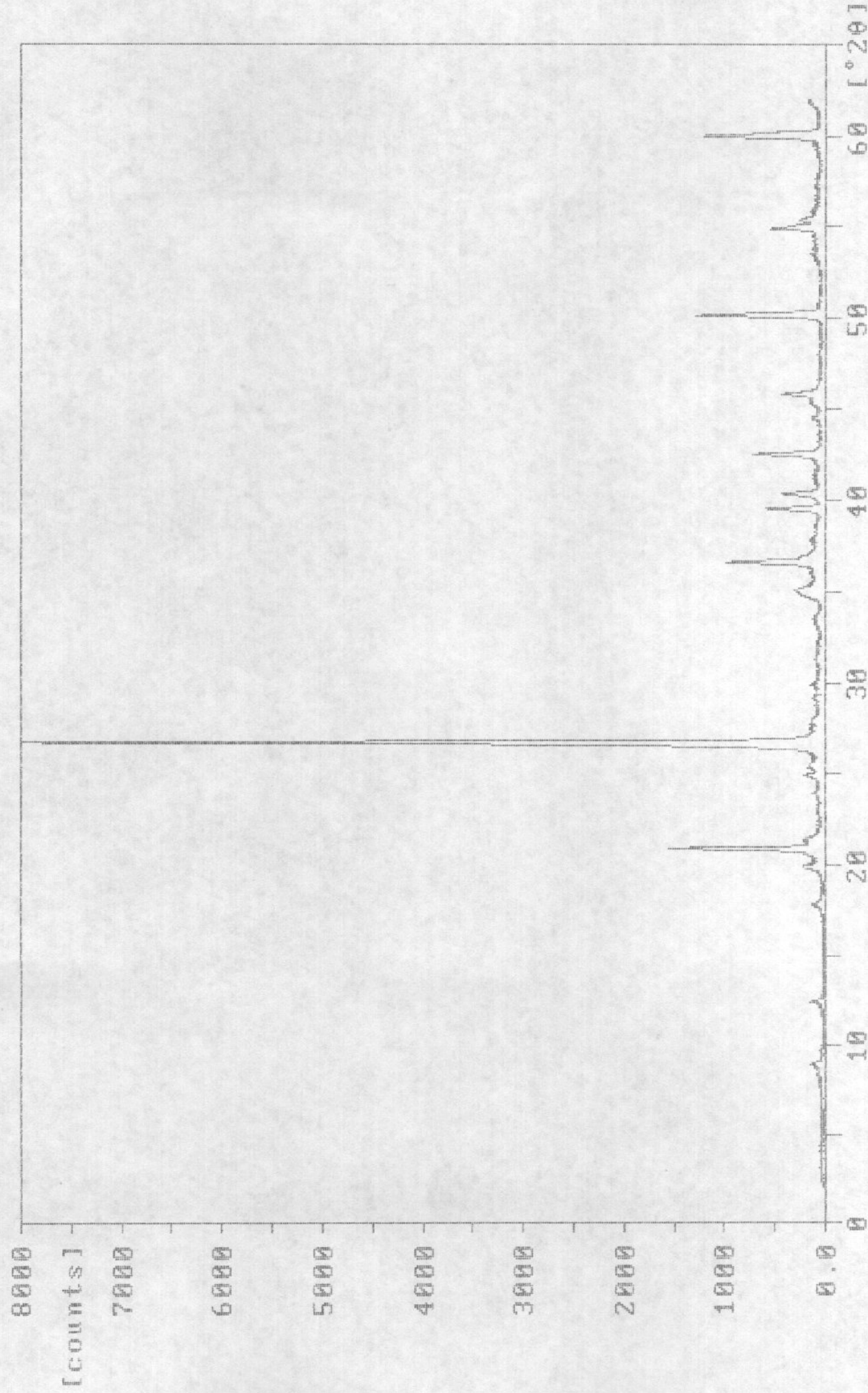
18-nov-1993 12:15



180-102A.RD

Sample identification: H163(15-9)HE-0919

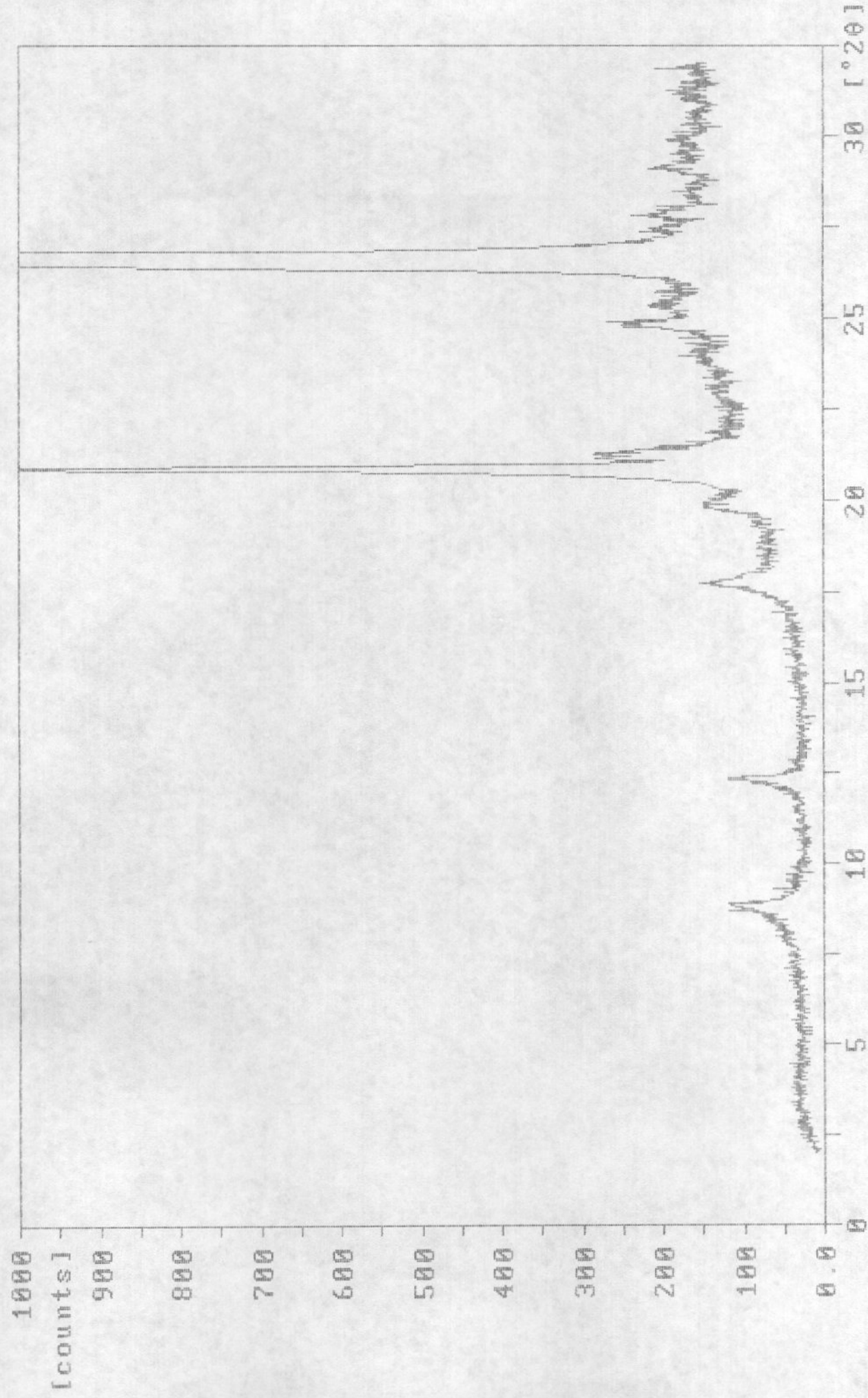
17-nov-1993 10:36



188-102.RD

Sample identification: H163(15-9)HE-0918

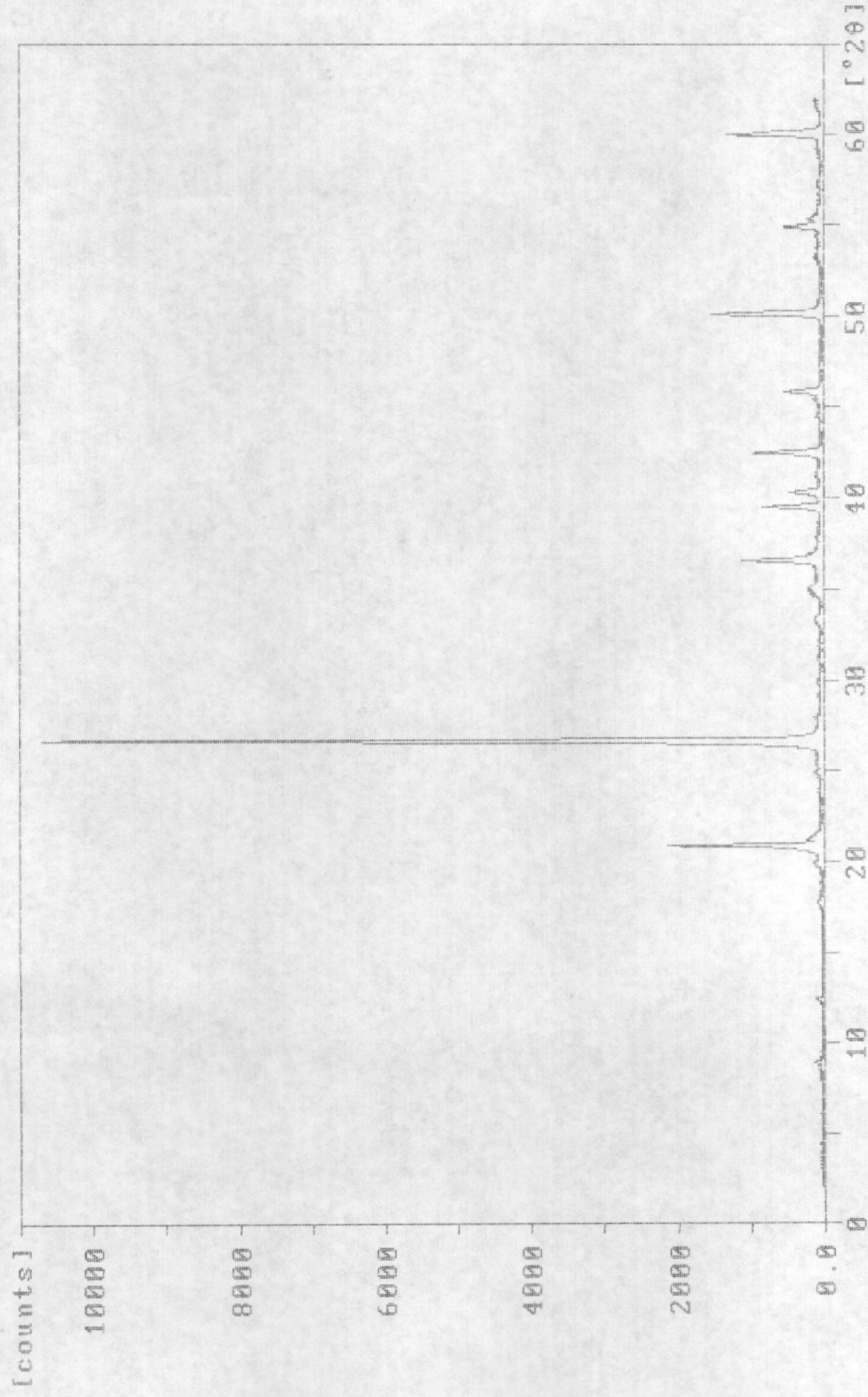
18-nov-1993 11:18



188-101A.RD

Sample identification: H163(15-9)HE-0918

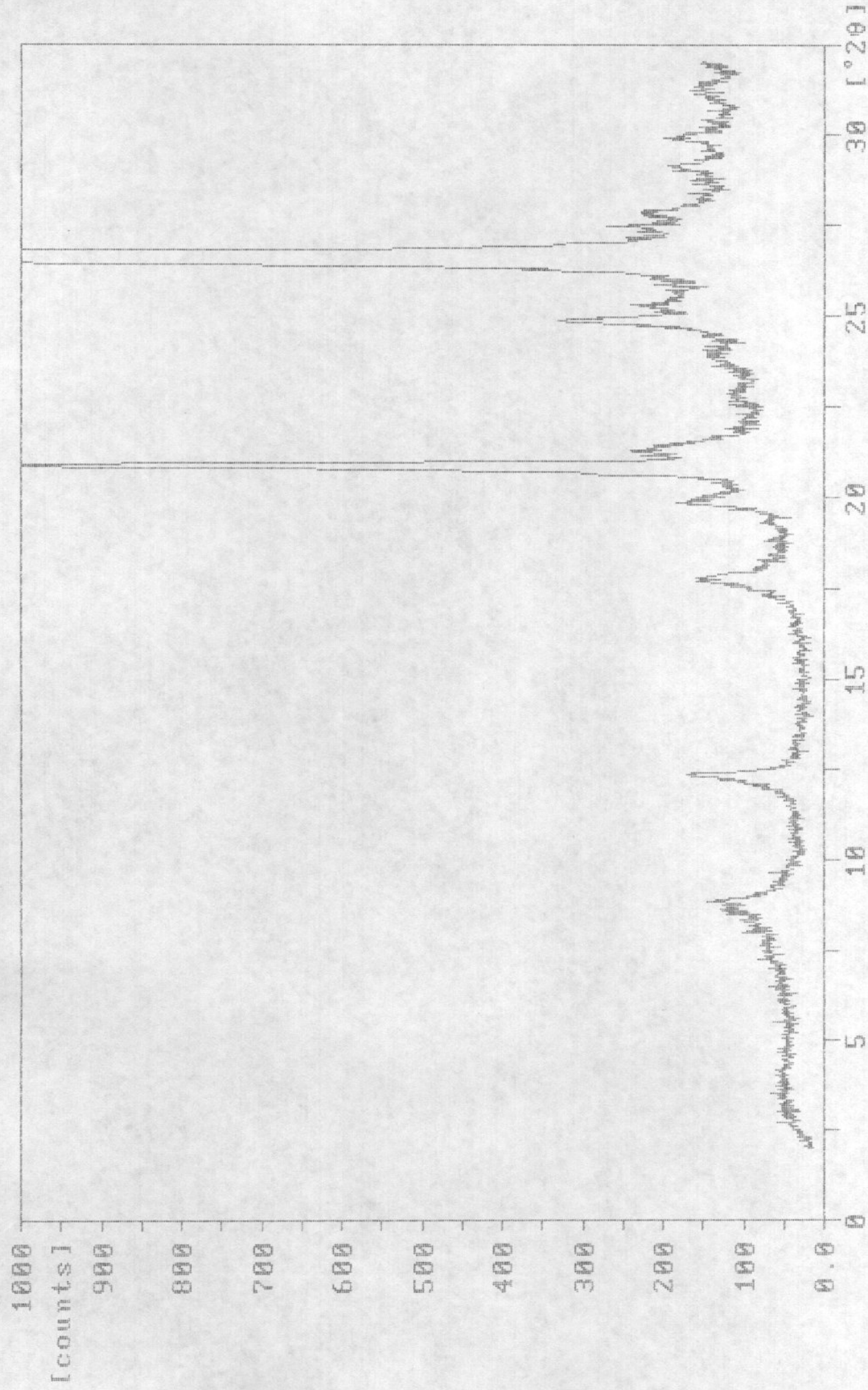
17-nov-1993 10:04



188-101.RD

Sample identification: H163(15-9)HE-0917

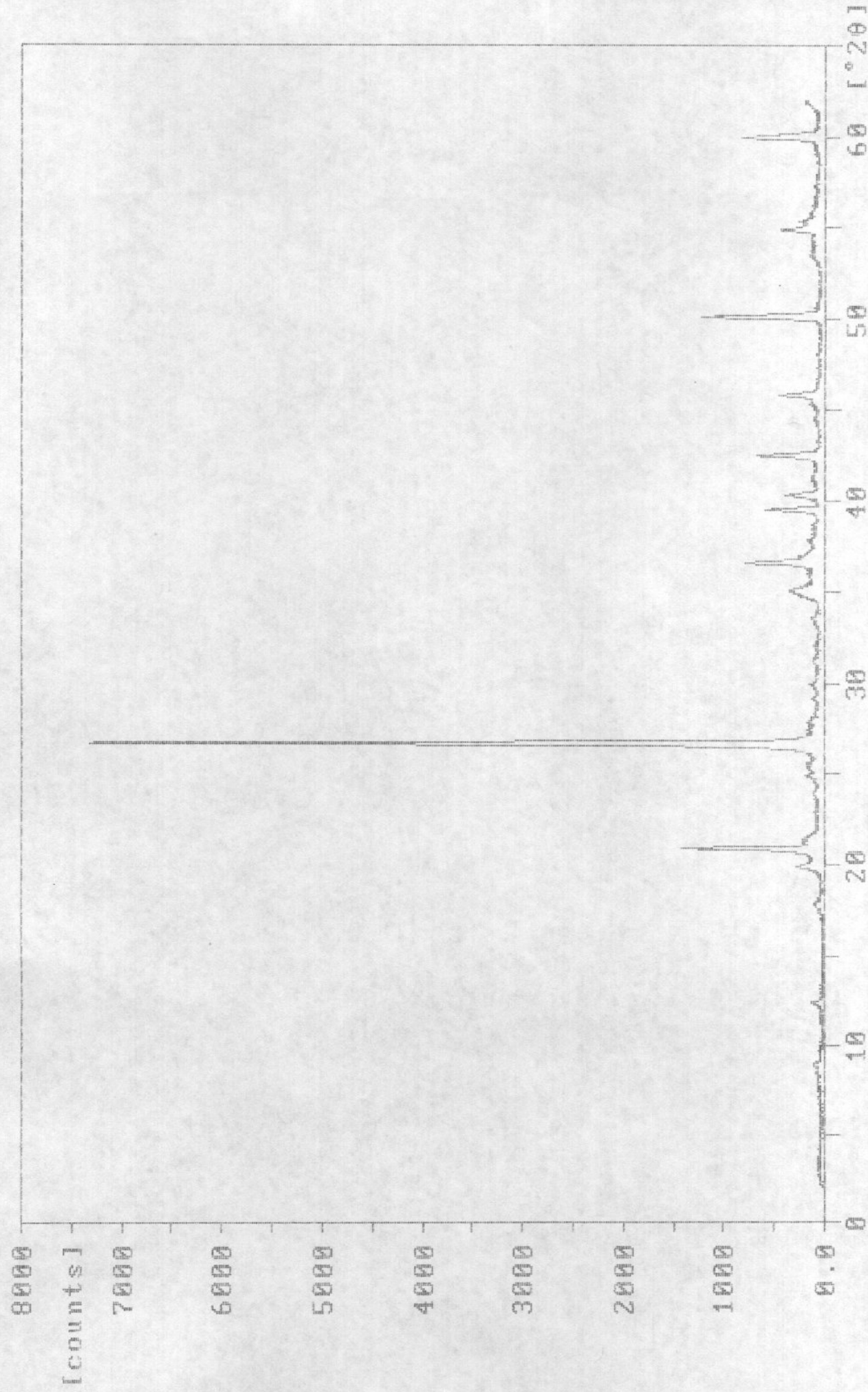
18-nov-1993 11:01



188-100A.RD

Sample identification: H163(15-9)HE-0917

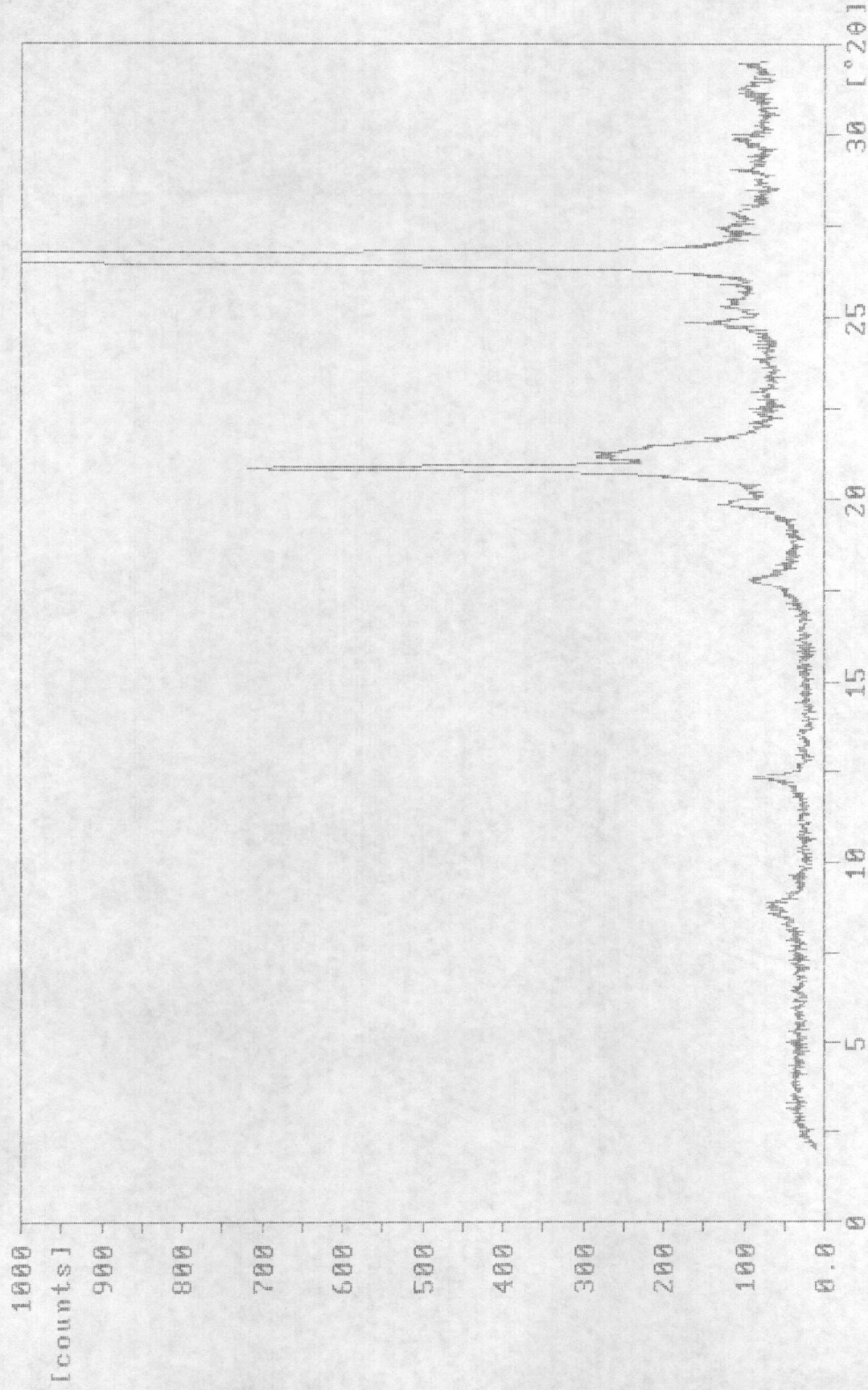
17-nov-1993 9:30



100-100.RD

Sample identification: H163(15-9)HE-0916

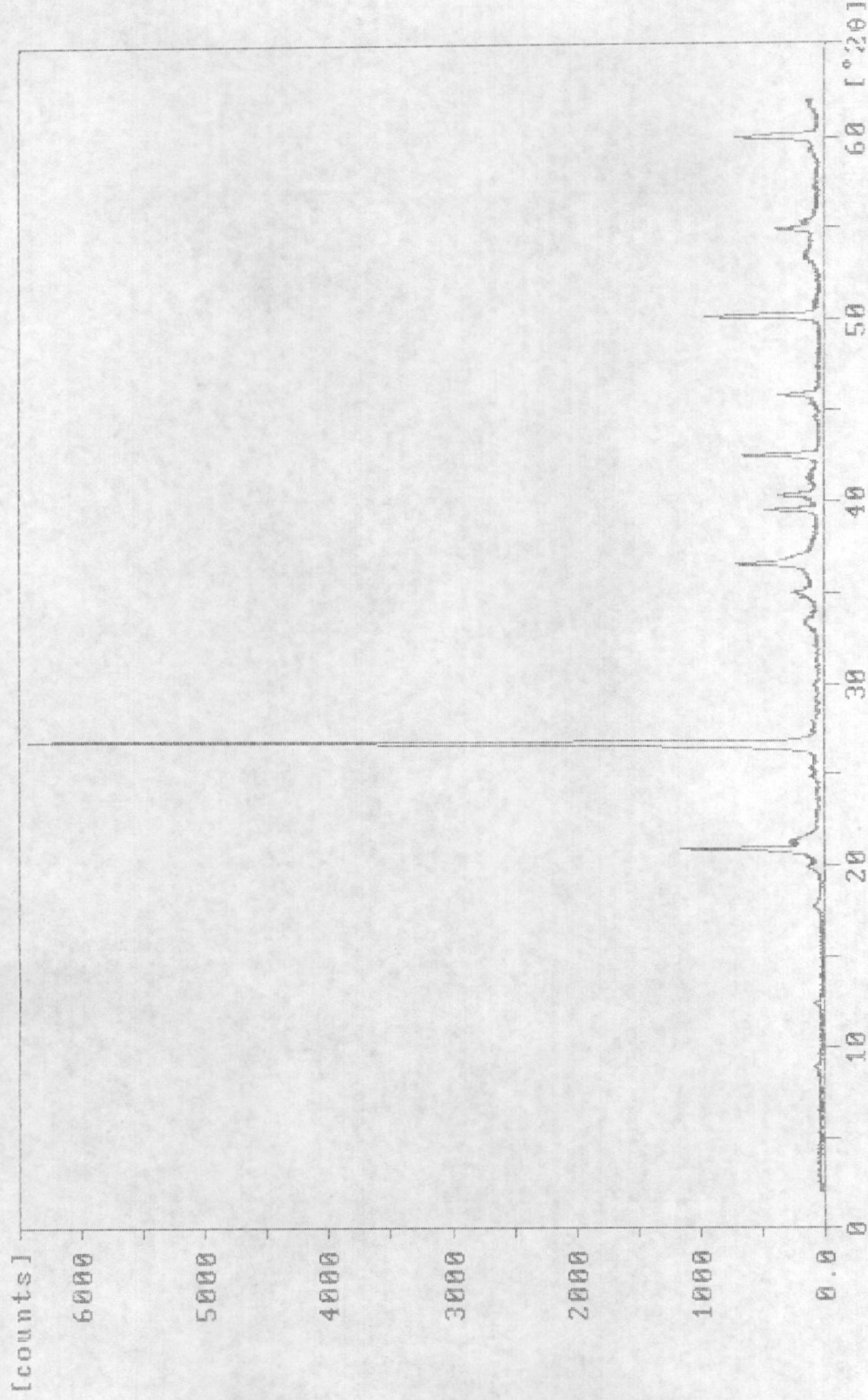
18-nov-1993 10:37



180-99A.RD

Sample identification: H163(15-9)-HE-0916

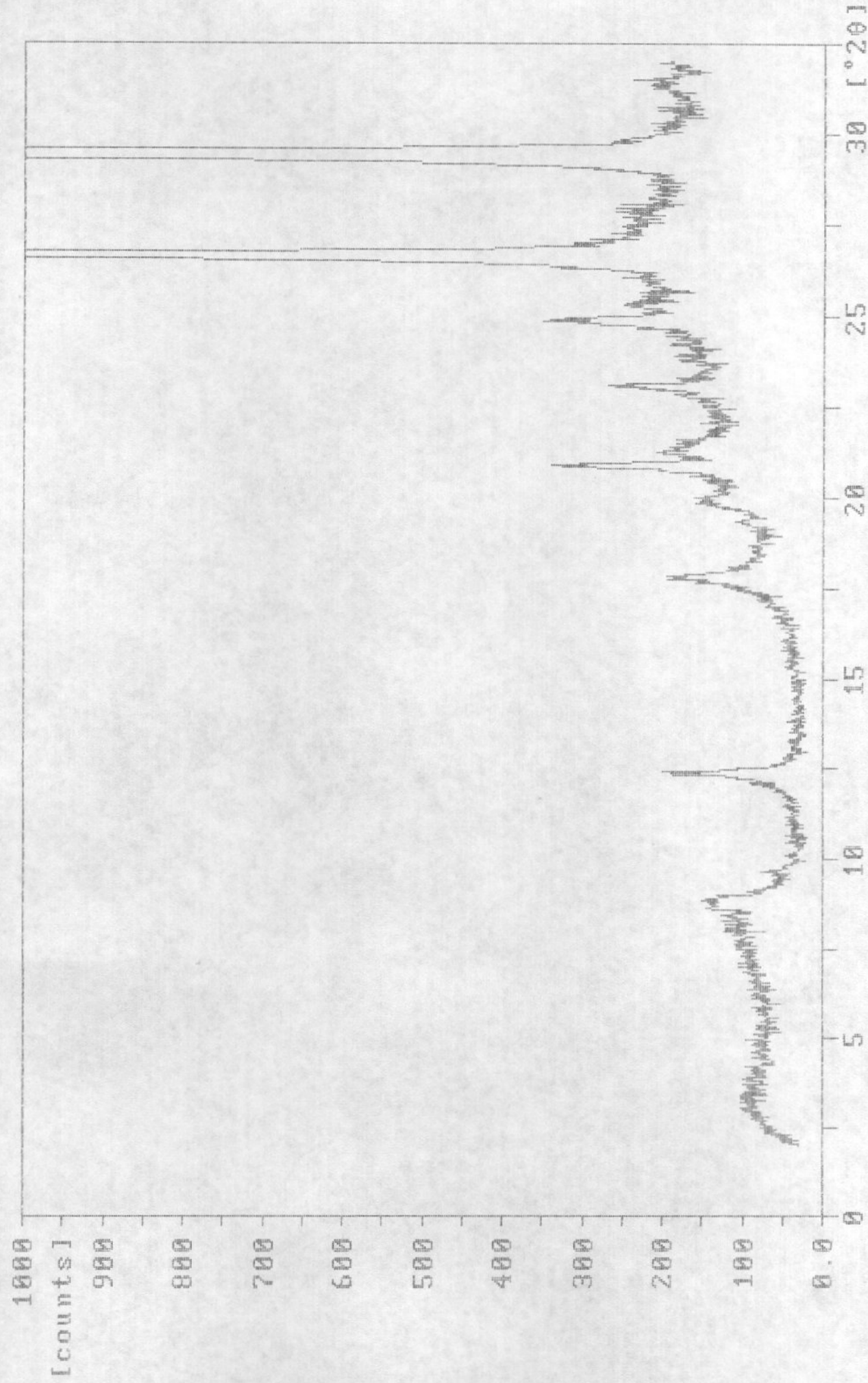
16-nov-1993 15:44



188-99.RD

Sample identification: H163(15-9)HE-0915

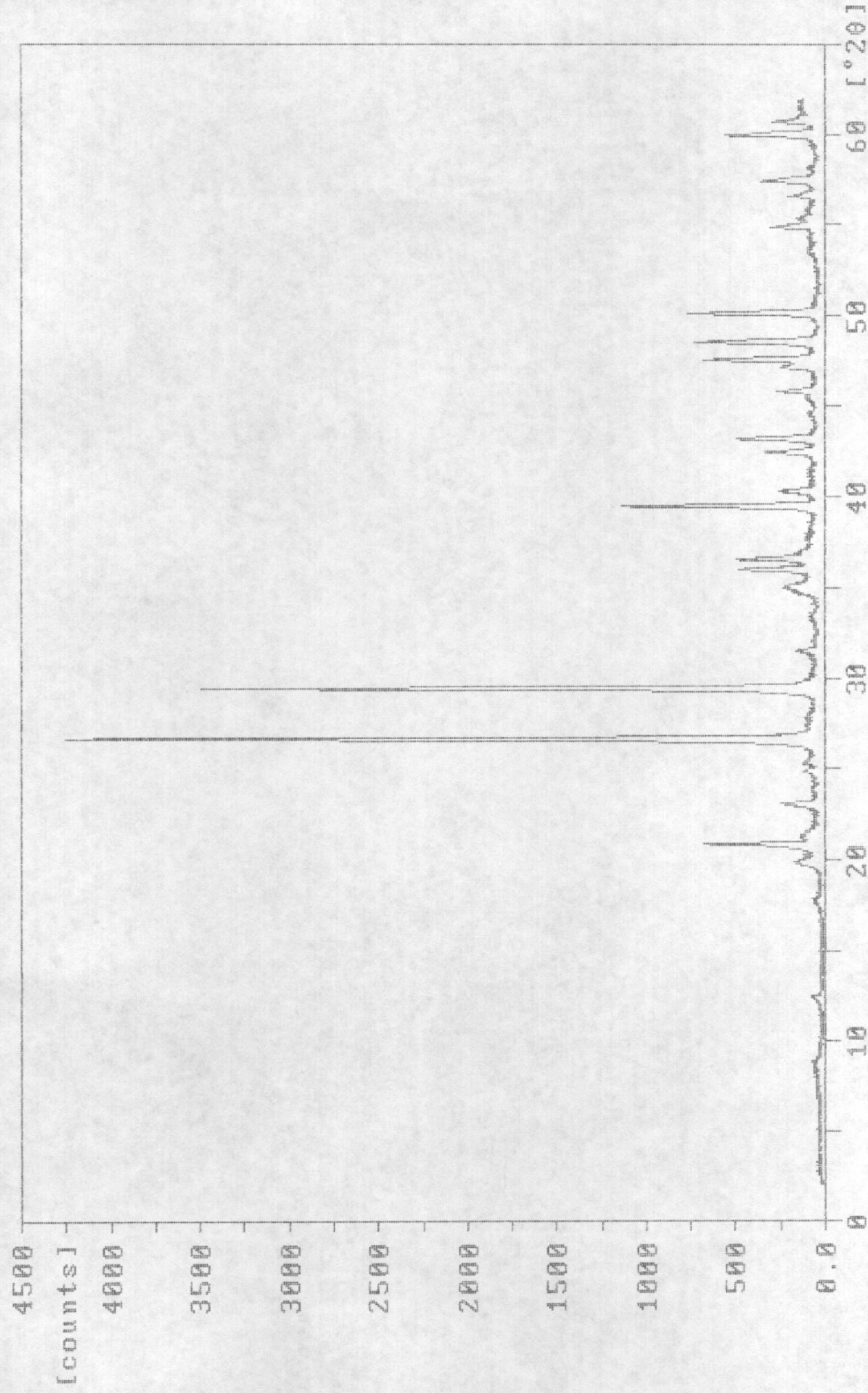
18-nov-1993 10:21



188-98A.RD

Sample identification: H163(15-9)HE-0915

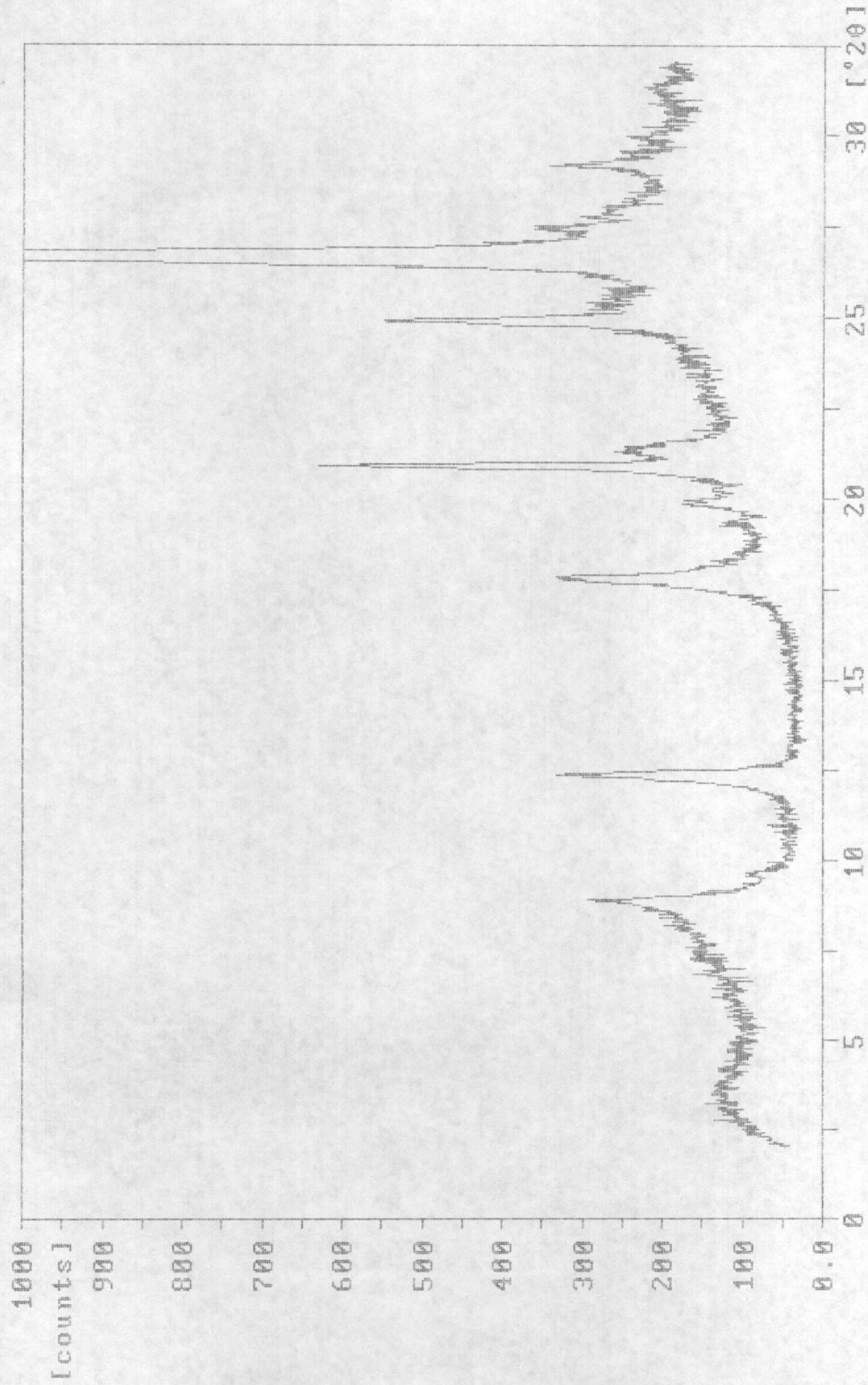
16-nov-1993 13:54



188-98.RD

Sample identification: H163(15-9)HE-0914

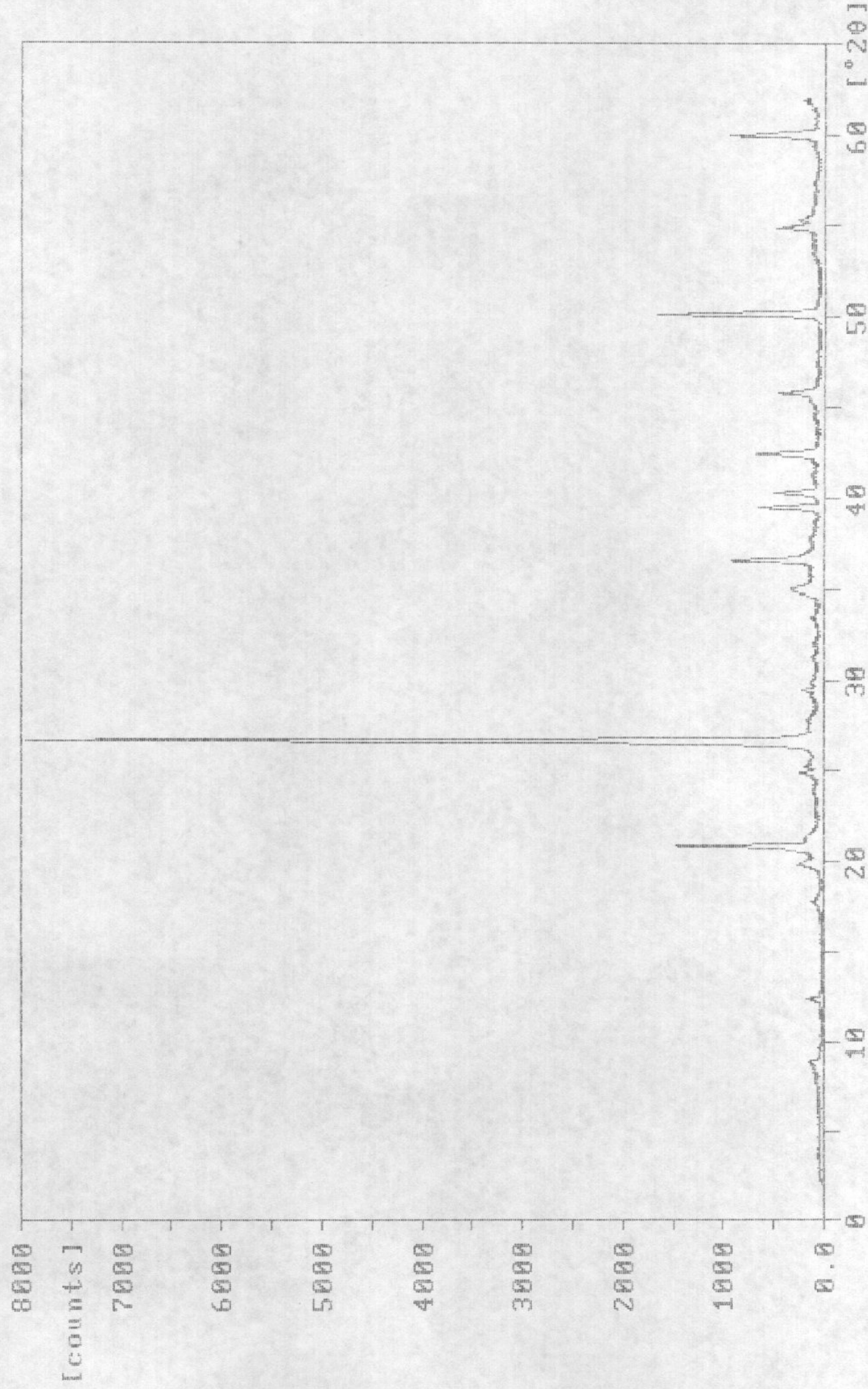
18-nov-1993 10:03



188-97A.RD

Sample identification: H163(15-9)HE-0914

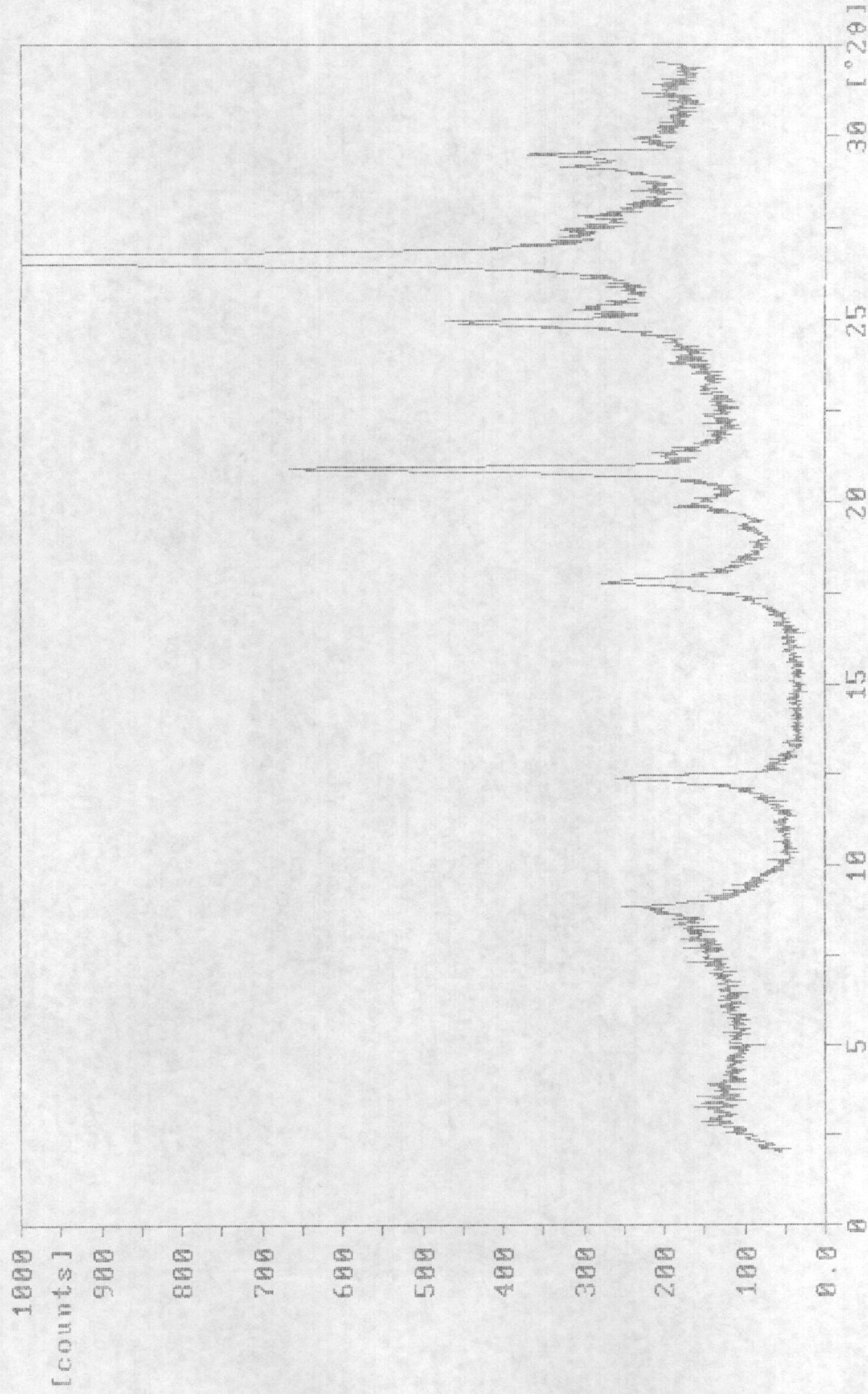
16-nov-1993 11:41



188-97.RD

Sample identification: H163(15-9)HE-0913

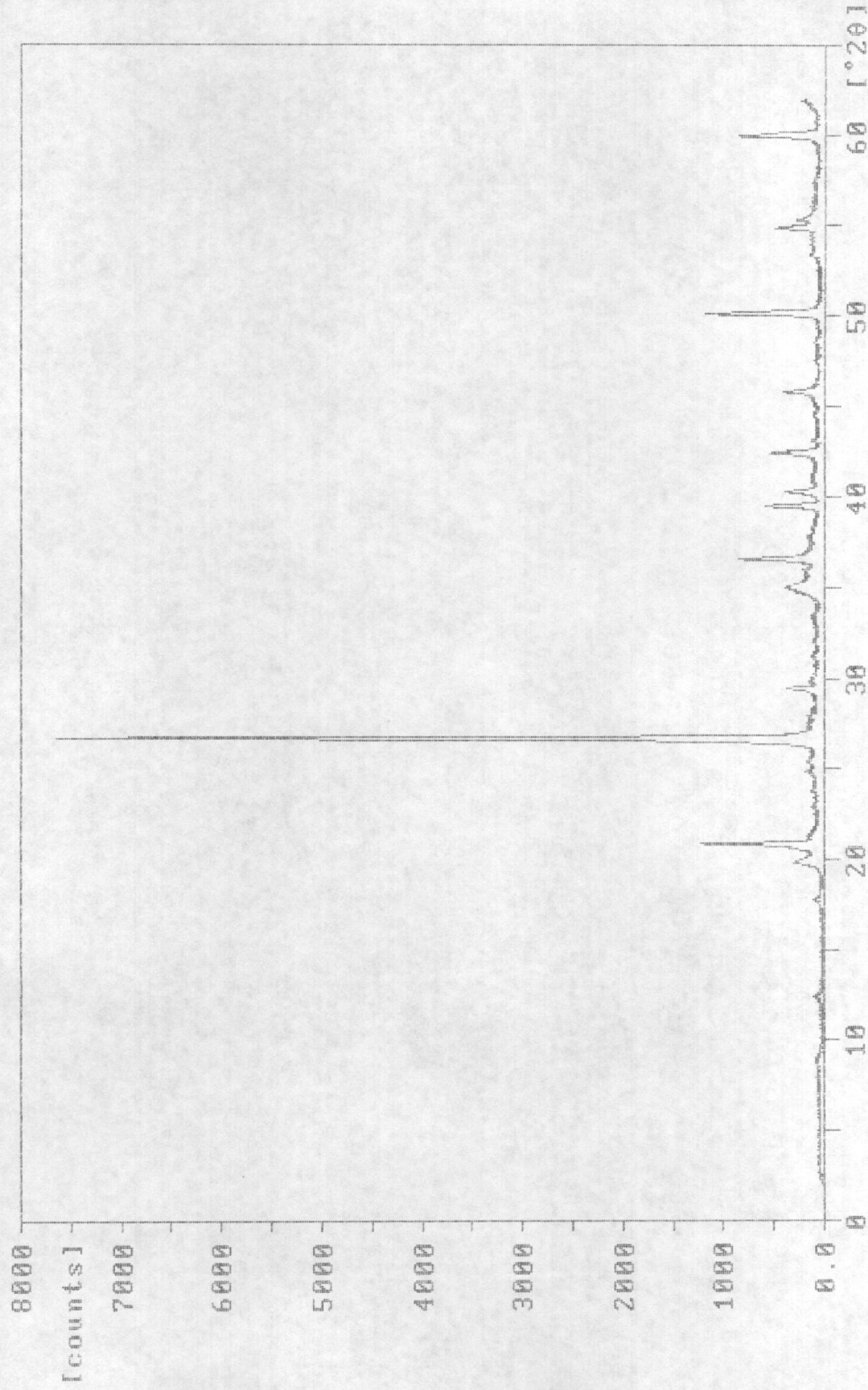
18-nov-1993 9:40



180-96A.RD

Sample identification: H163(15-9)HE-0913

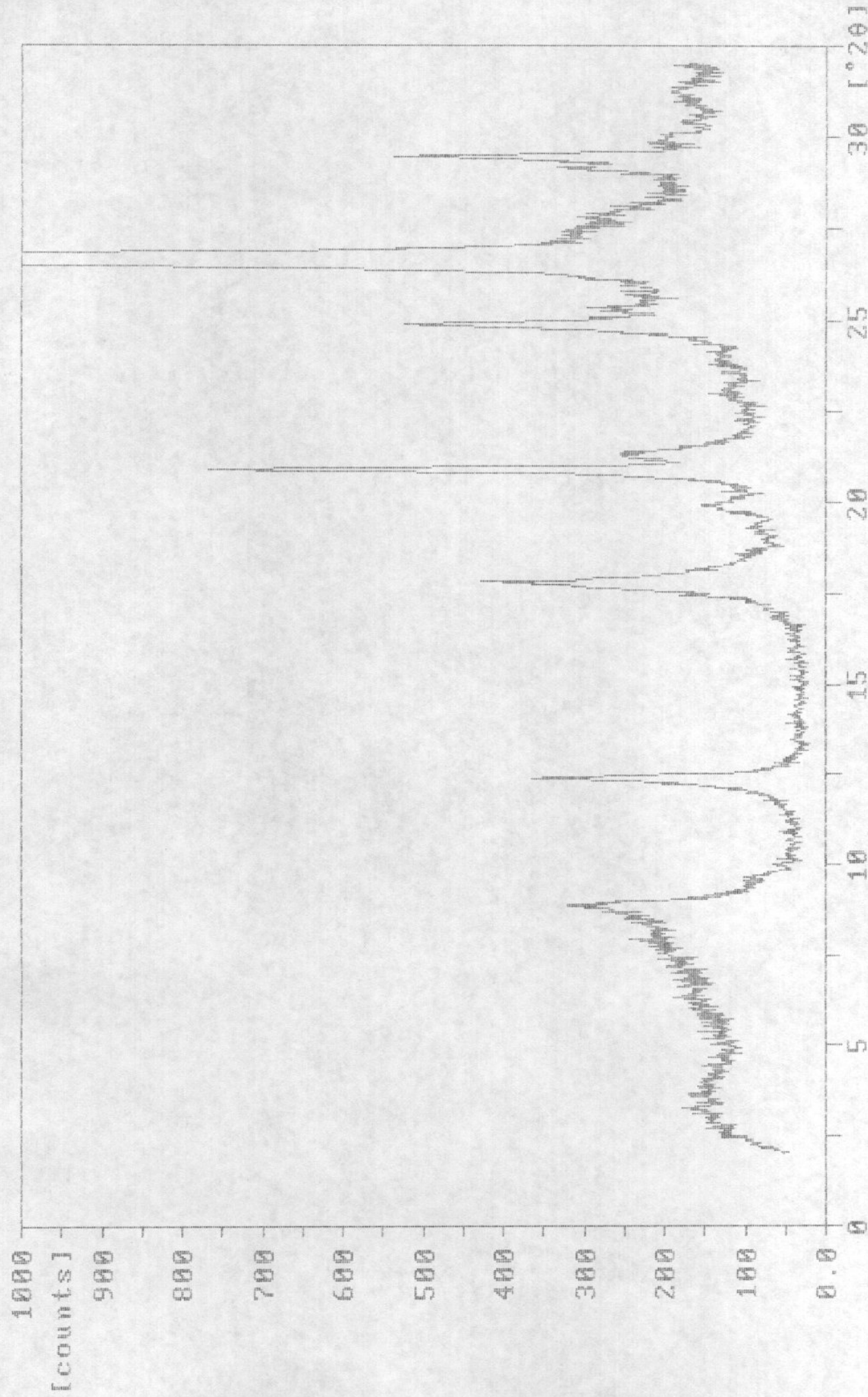
16-nov-1993 10:37



188-96.RD

Sample identification: M163(15-9)HE-0911

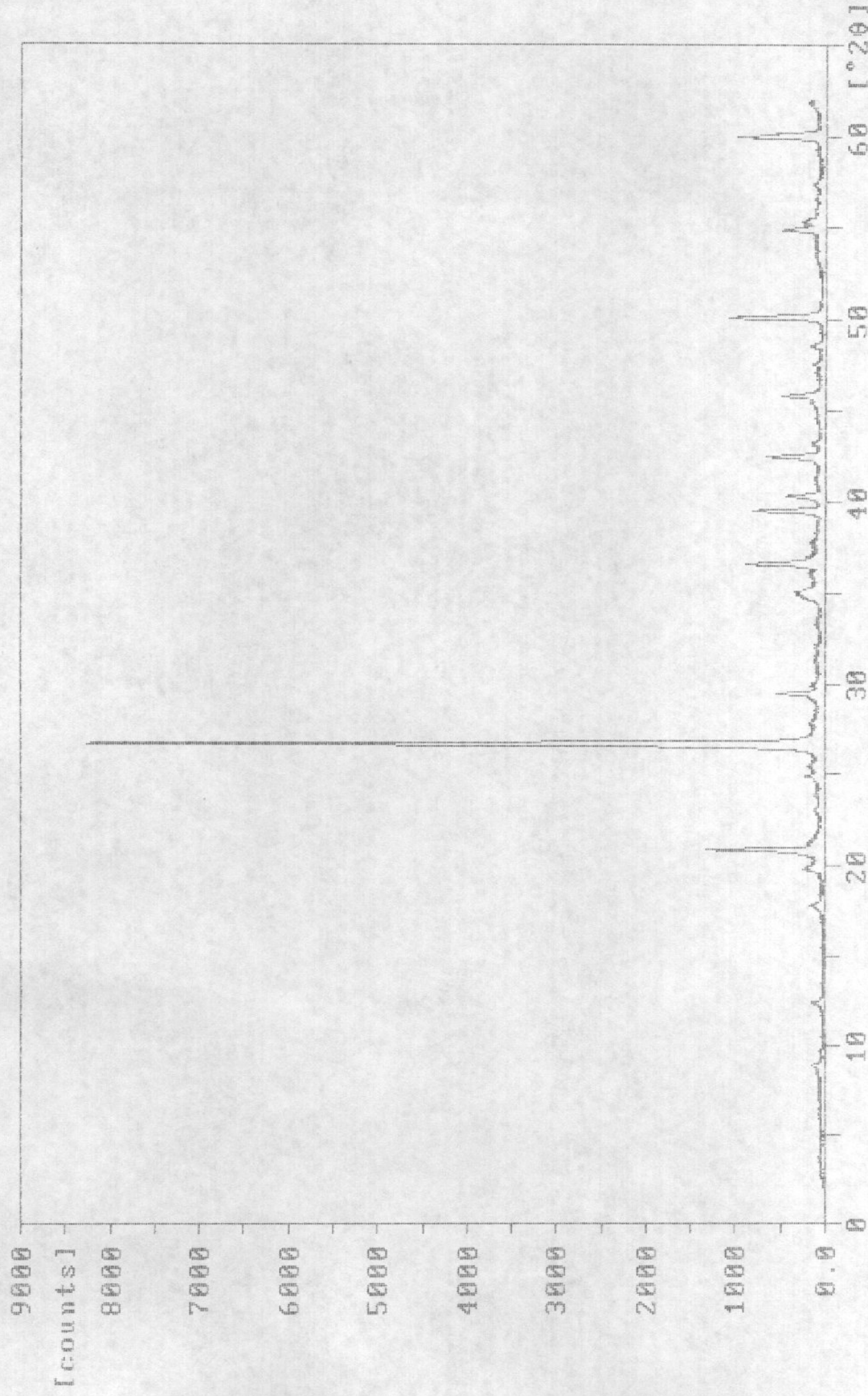
18-nov-1993 9:17



188-94A.RD

Sample identification: H163(15-9)HE-0911

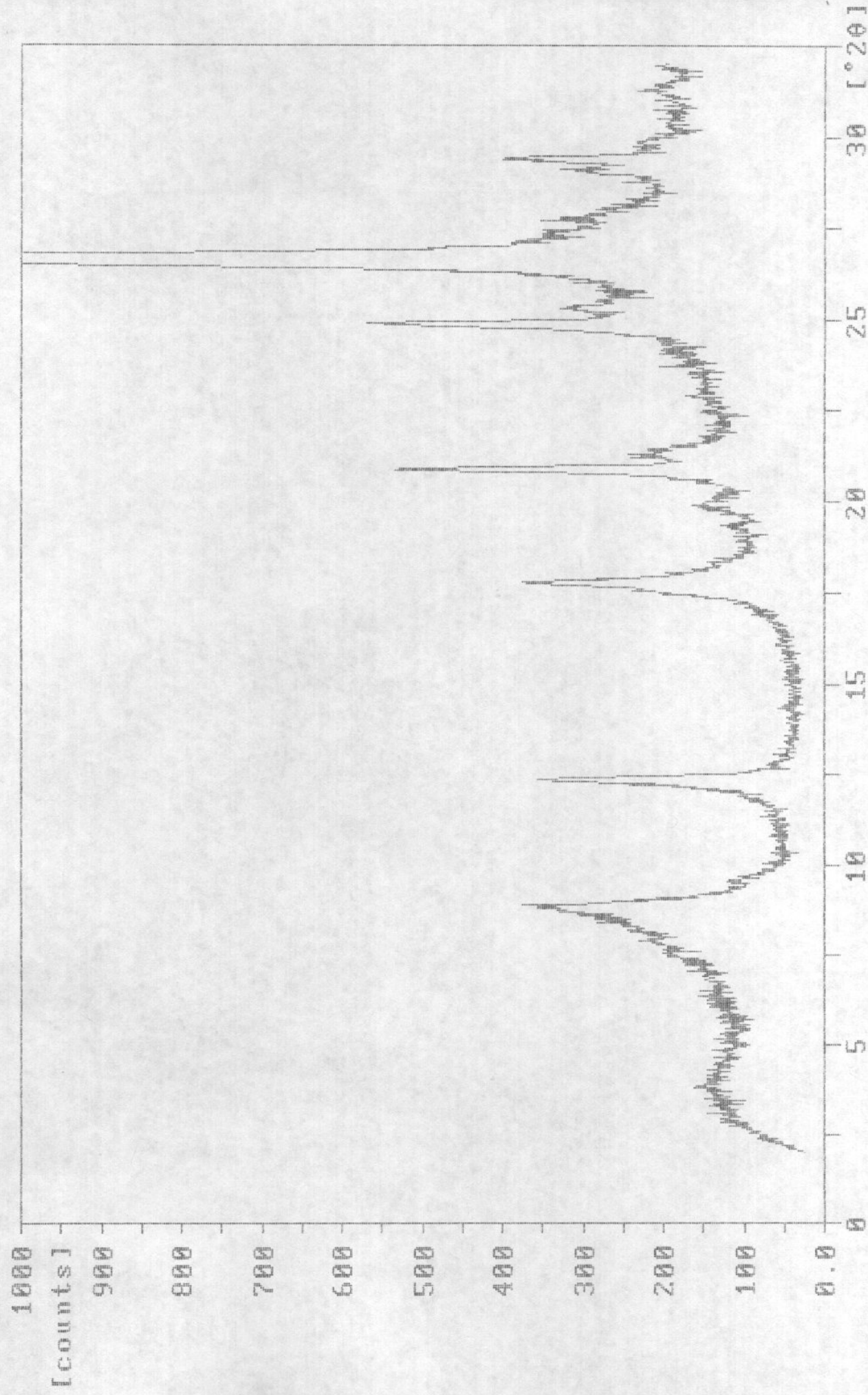
16-nov-1993 9:59



188-94.RD

Sample identification: H163(15-9)HE-0910

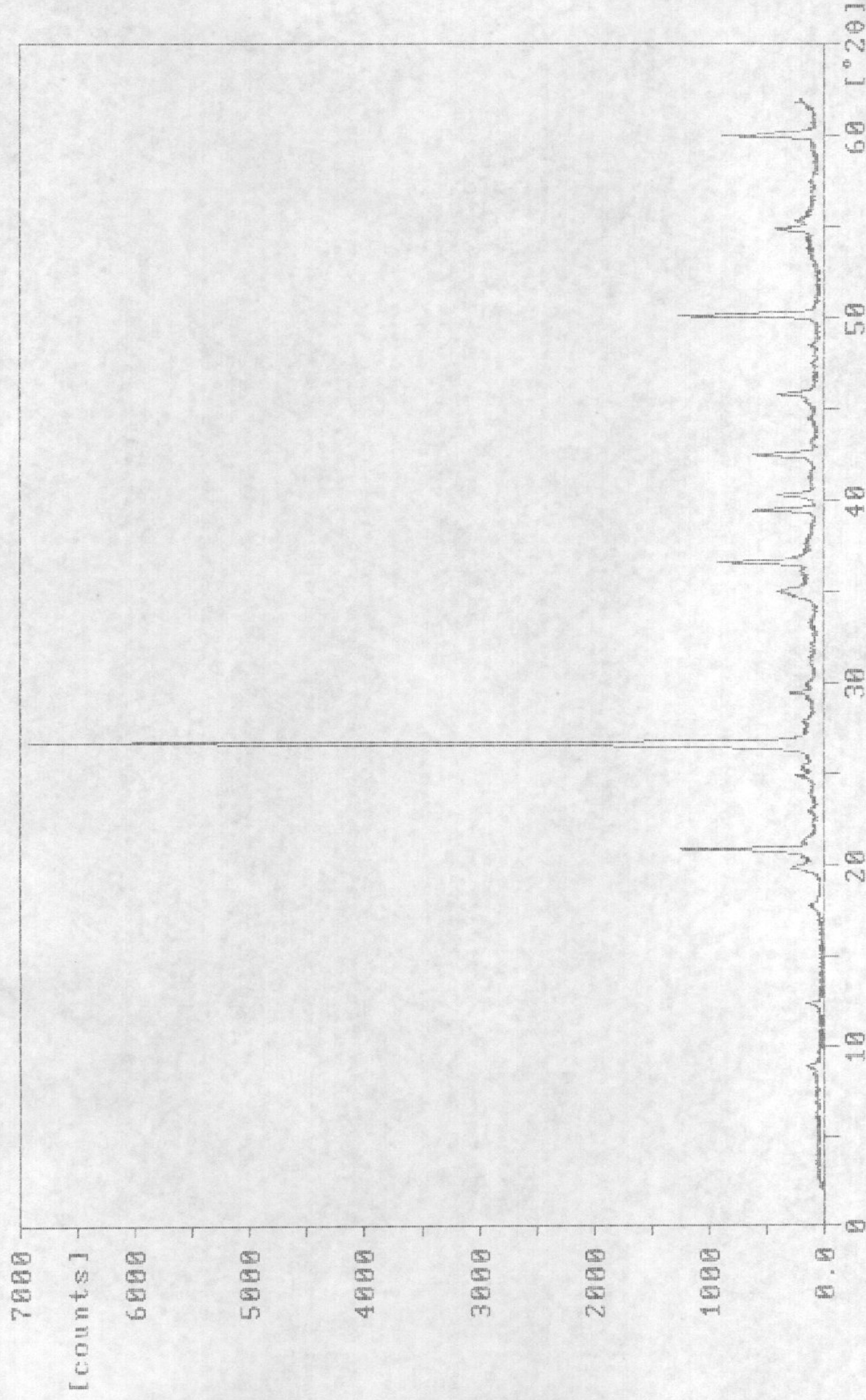
15-nov-1993 12:52



188-93A.RD

Sample identification: H163(15-9)HE-0910

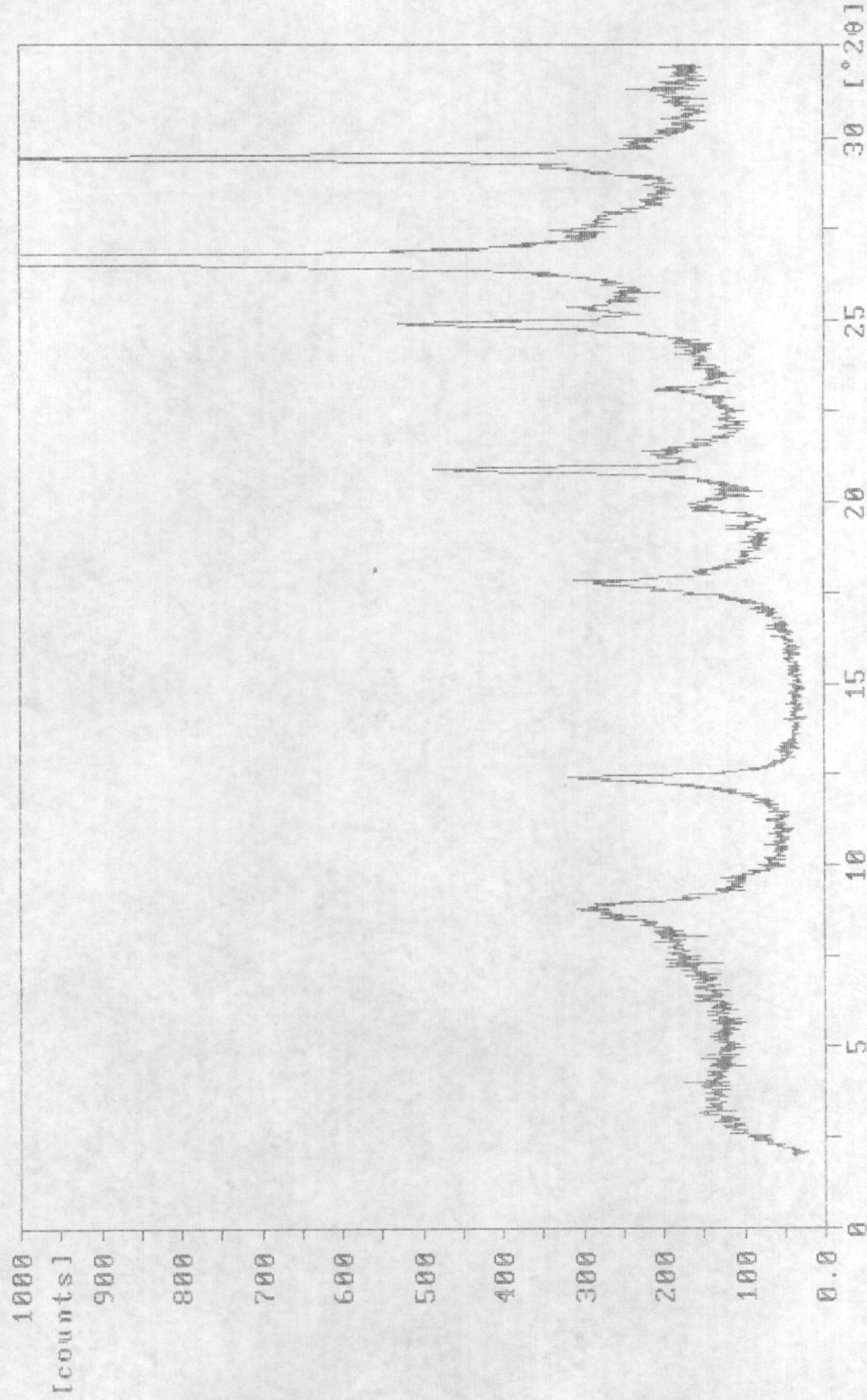
4-nov-1993 16:29



188-93.RD

Sample identification: H163(15-9)HE-0989

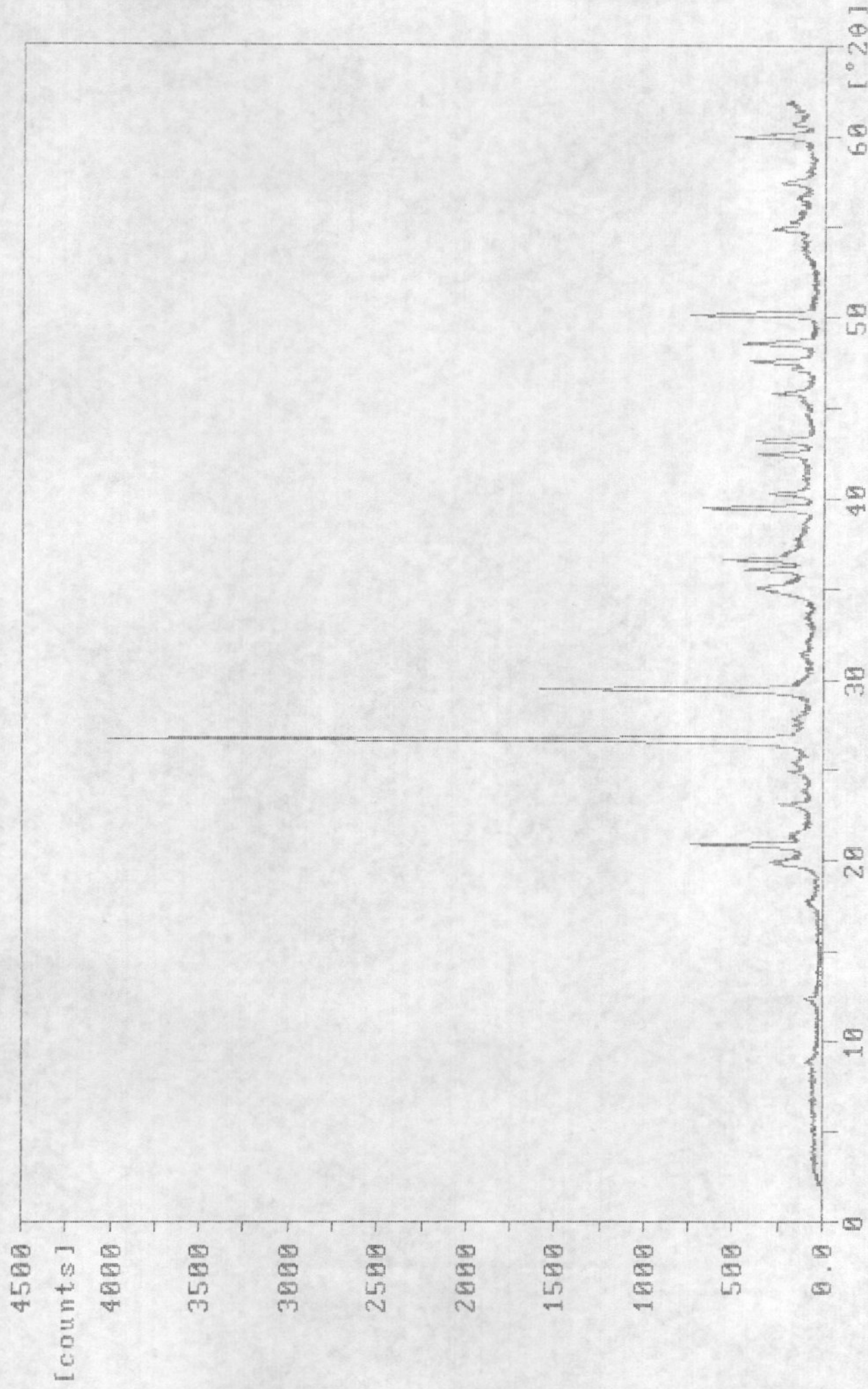
15-nov-1993 12:35



188-92A.RD

Sample identification: H163(15-9)HE-0909

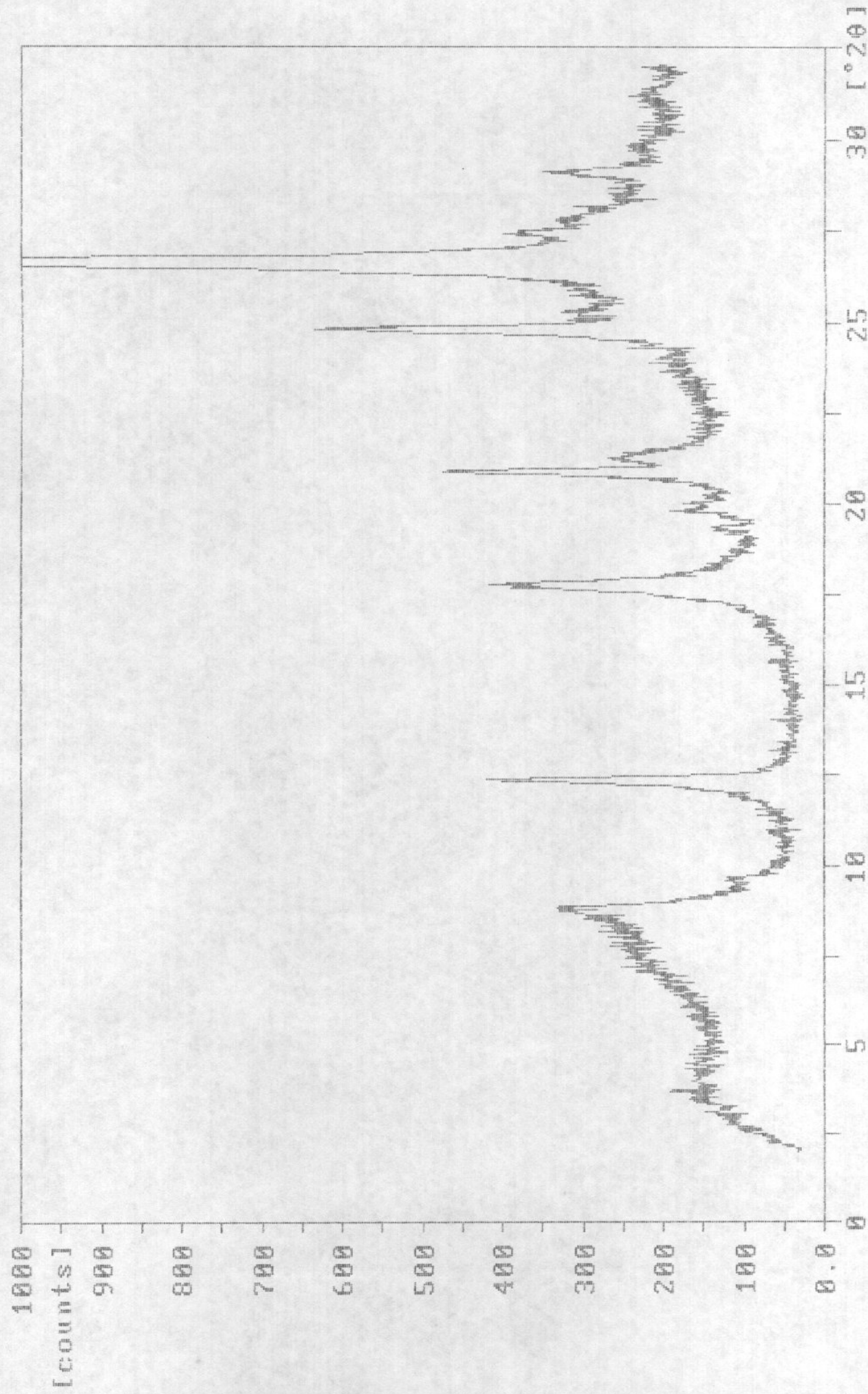
4-nov-1993 15:21



188-92.RD

Sample identification: H163(15-9)HE-0908

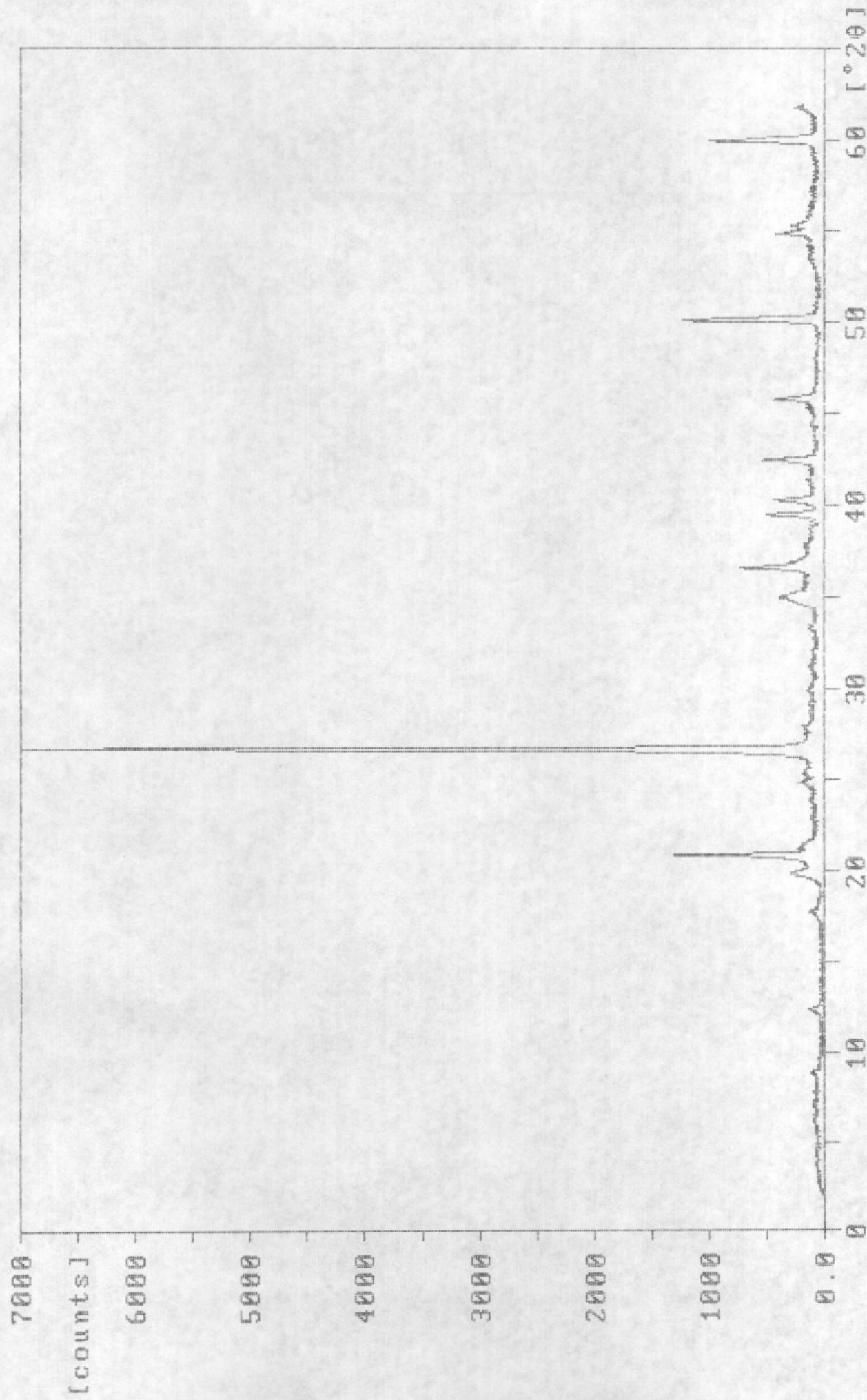
15-nov-1993 12:18



188-91A.RD

Sample identification: H163(15-9)HE-0908

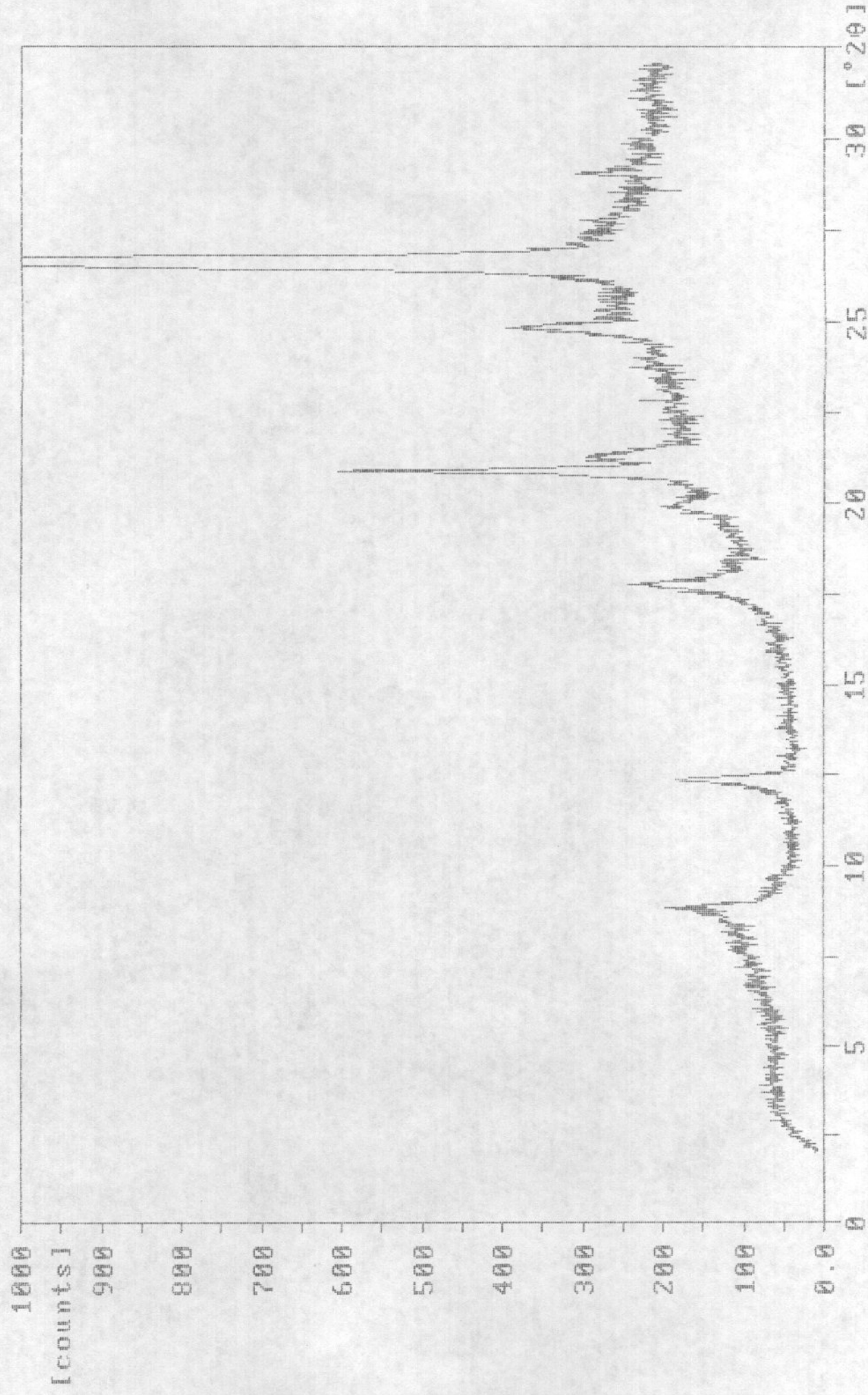
4-nov-1993 13:58



188-91.RD

Sample identification: H163(15-9)HE-0907

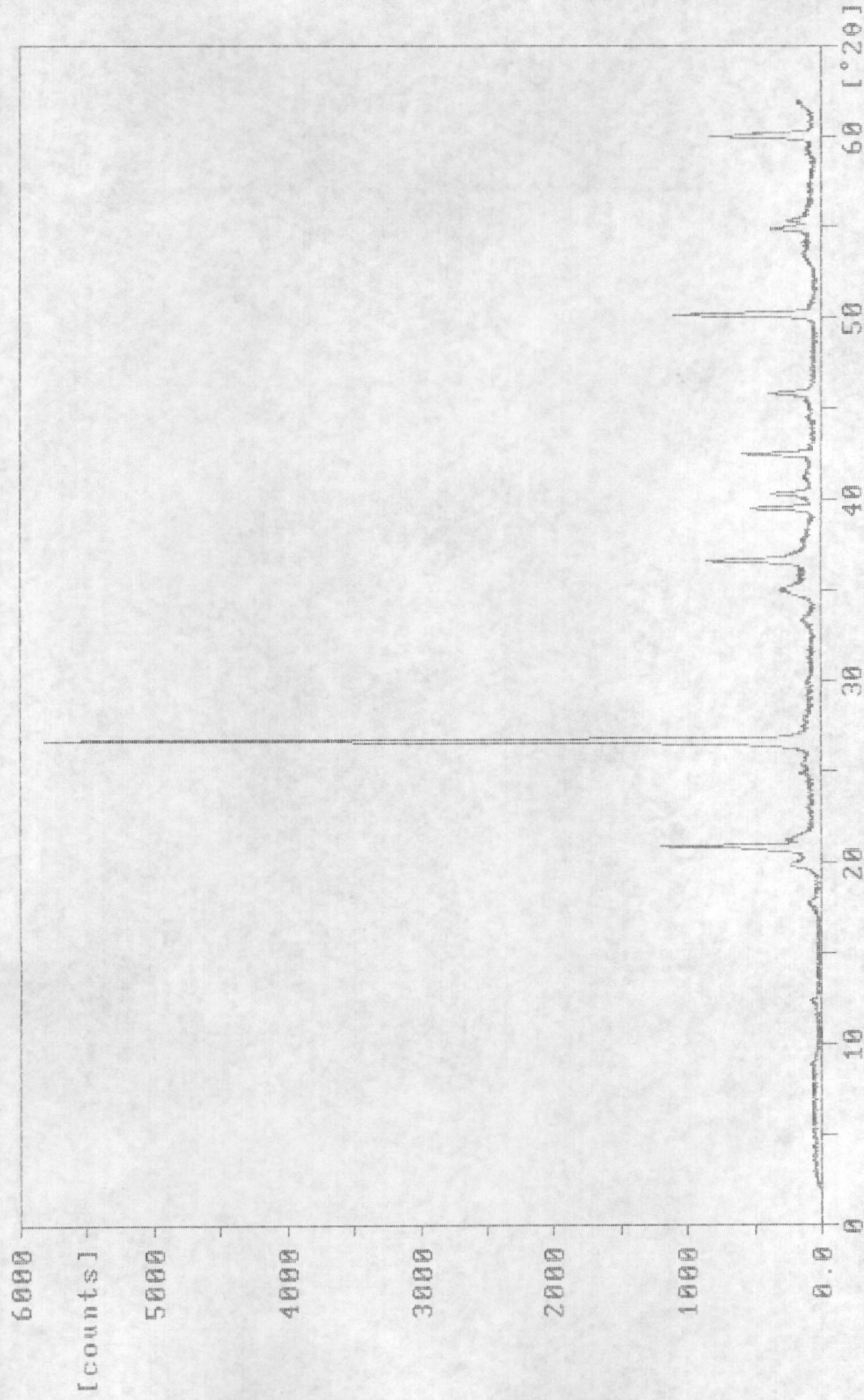
15-nov-1993 11:53



188-90A.RD

Sample identification: H163(15-9)HE-0907

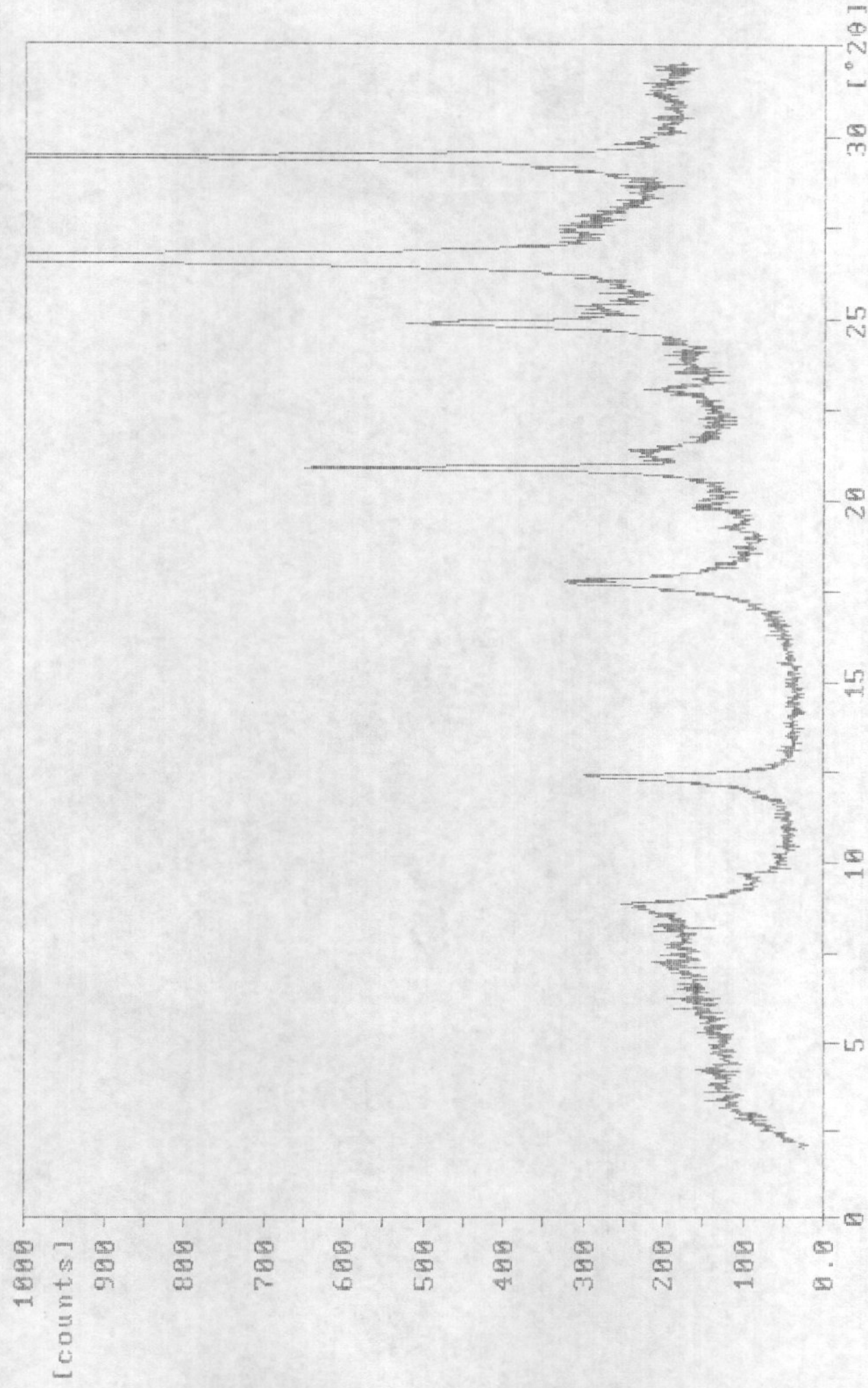
4-nov-1993 13:27



188-90.RD

Sample identification: H163(15-9)HE-0906

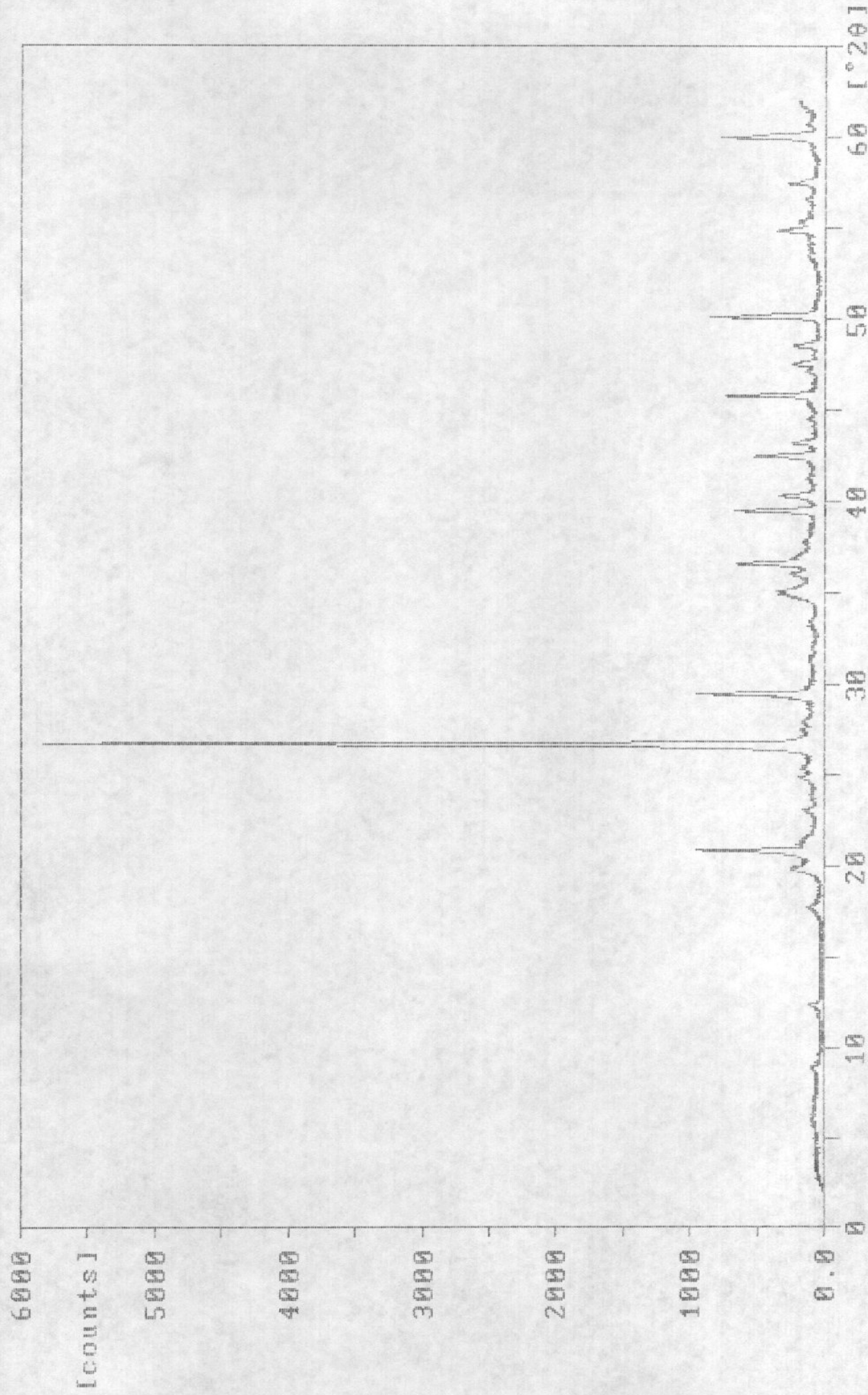
15-nov-1993 11:36



188-89A.RD

Sample identification: H163(15-9)HE-0906

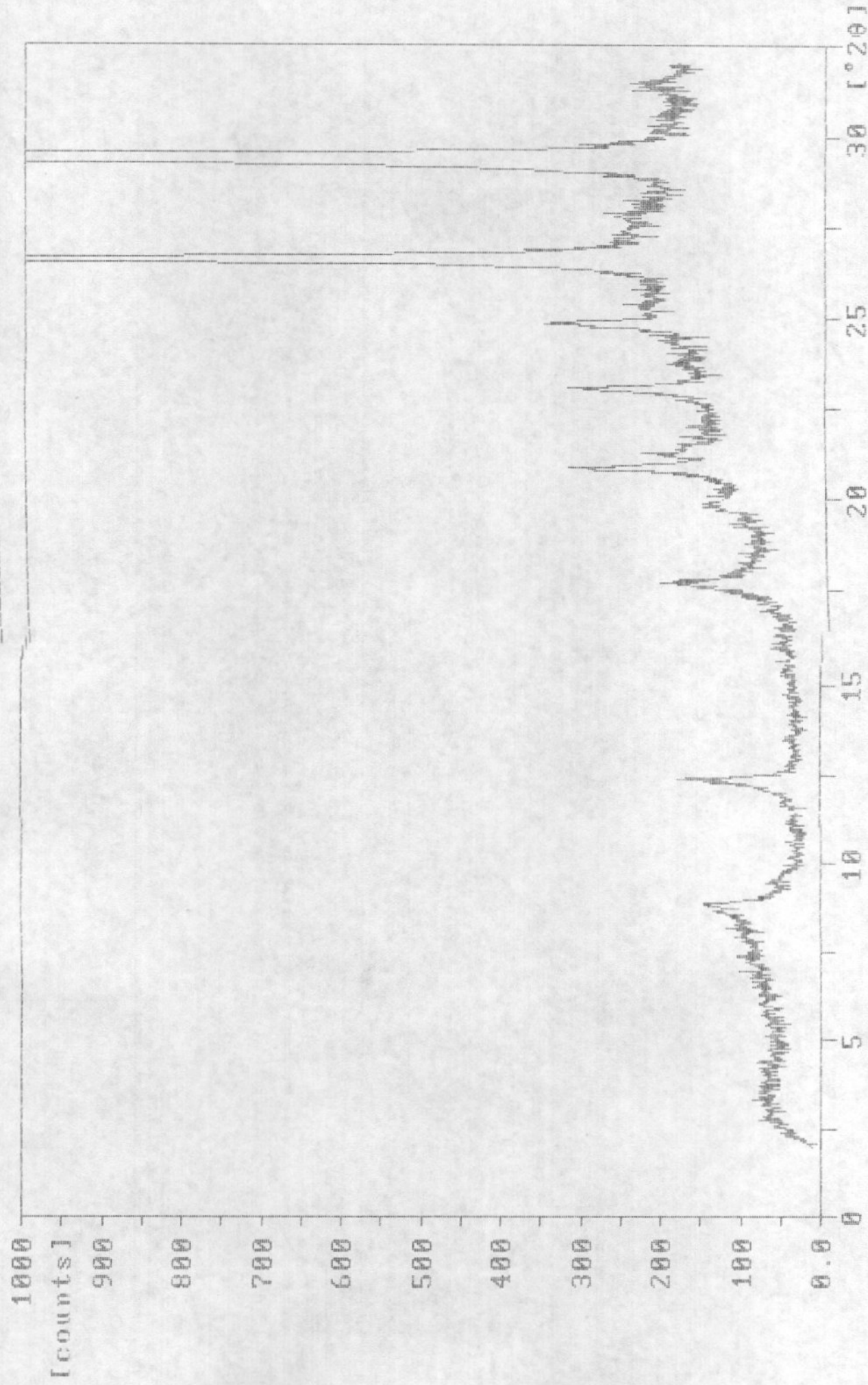
4-nov-1993 12:57



188-89.RD

Sample identification: H163(15-9)HE-0905

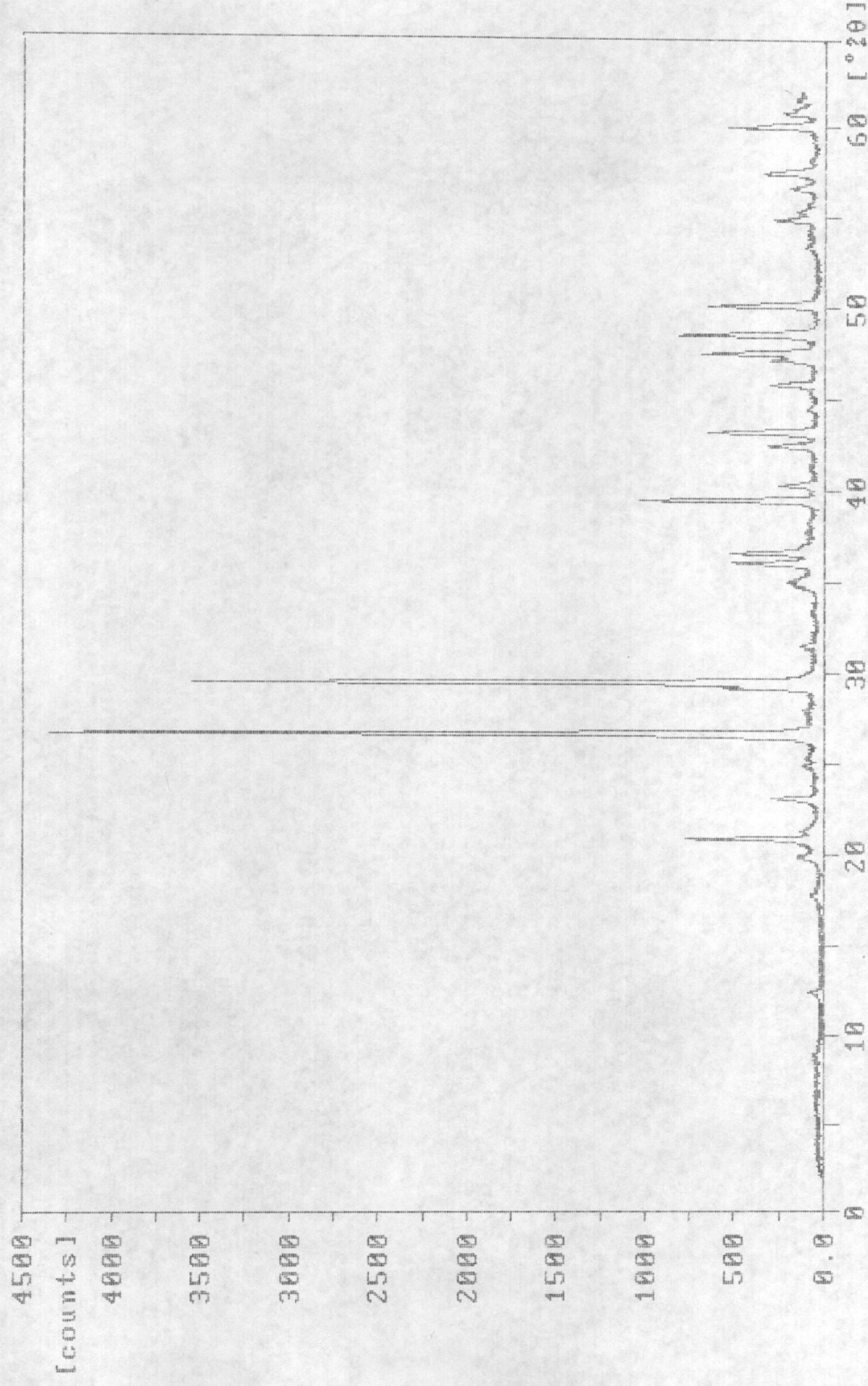
15-nov-1993 11:18



100-88A.RD

Sample identification: H163(15-9)HE-0905

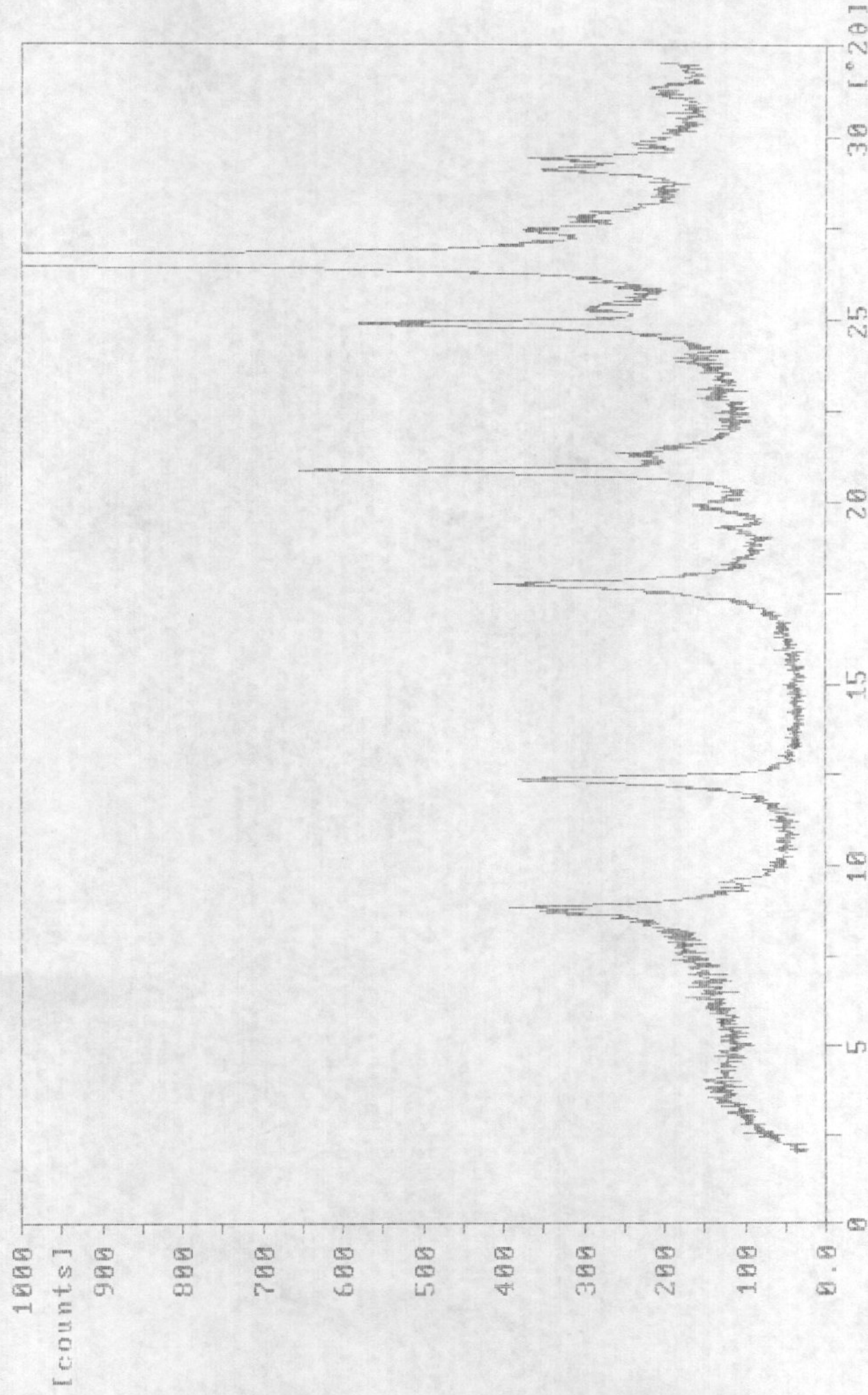
4-nov-1993 11:41



188-88.RD

Sample identification: H163(15-9)HE-0904

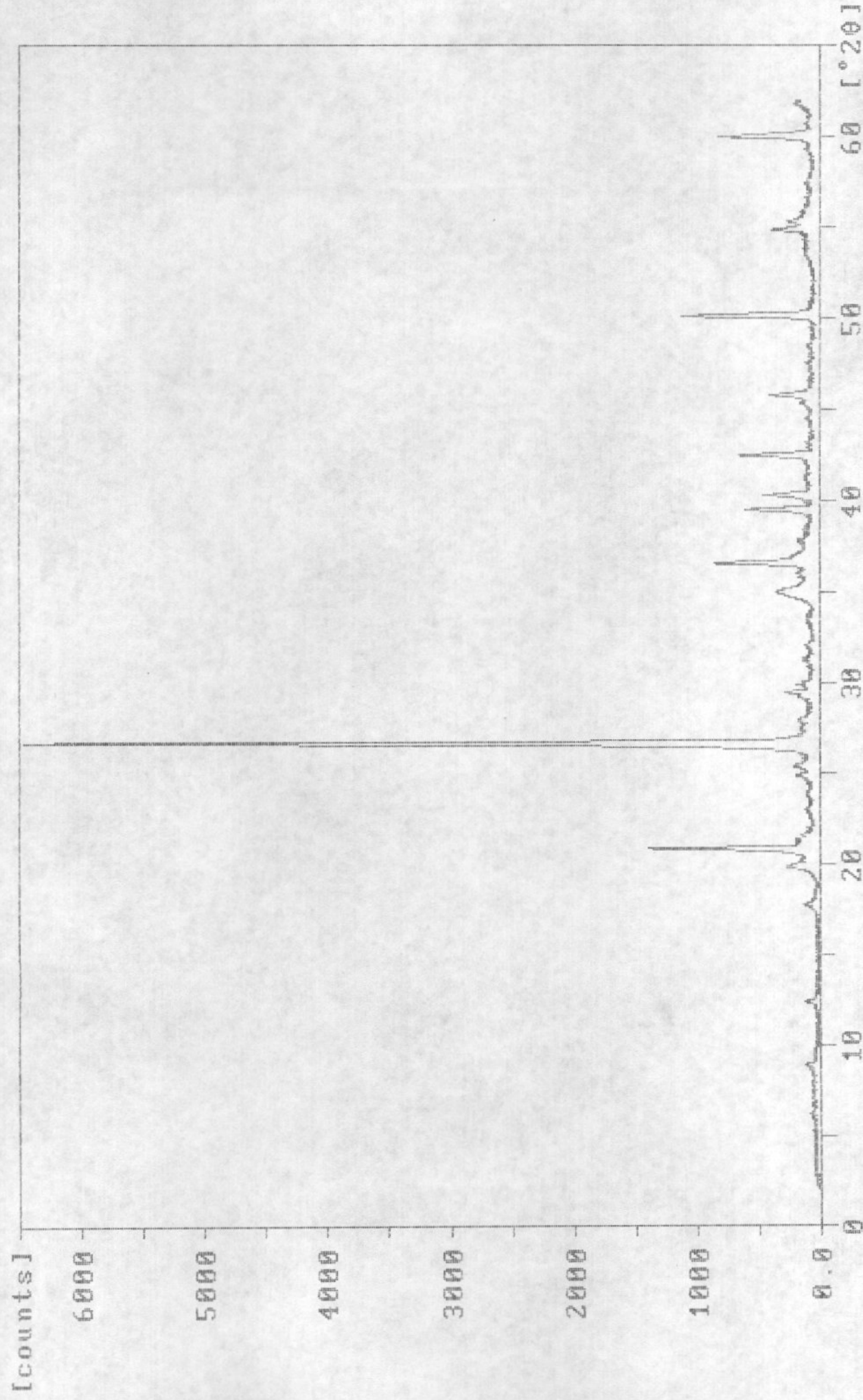
15-nov-1993 10:11



180-87A.RD

Sample identification: H163(15-9)HE-0904

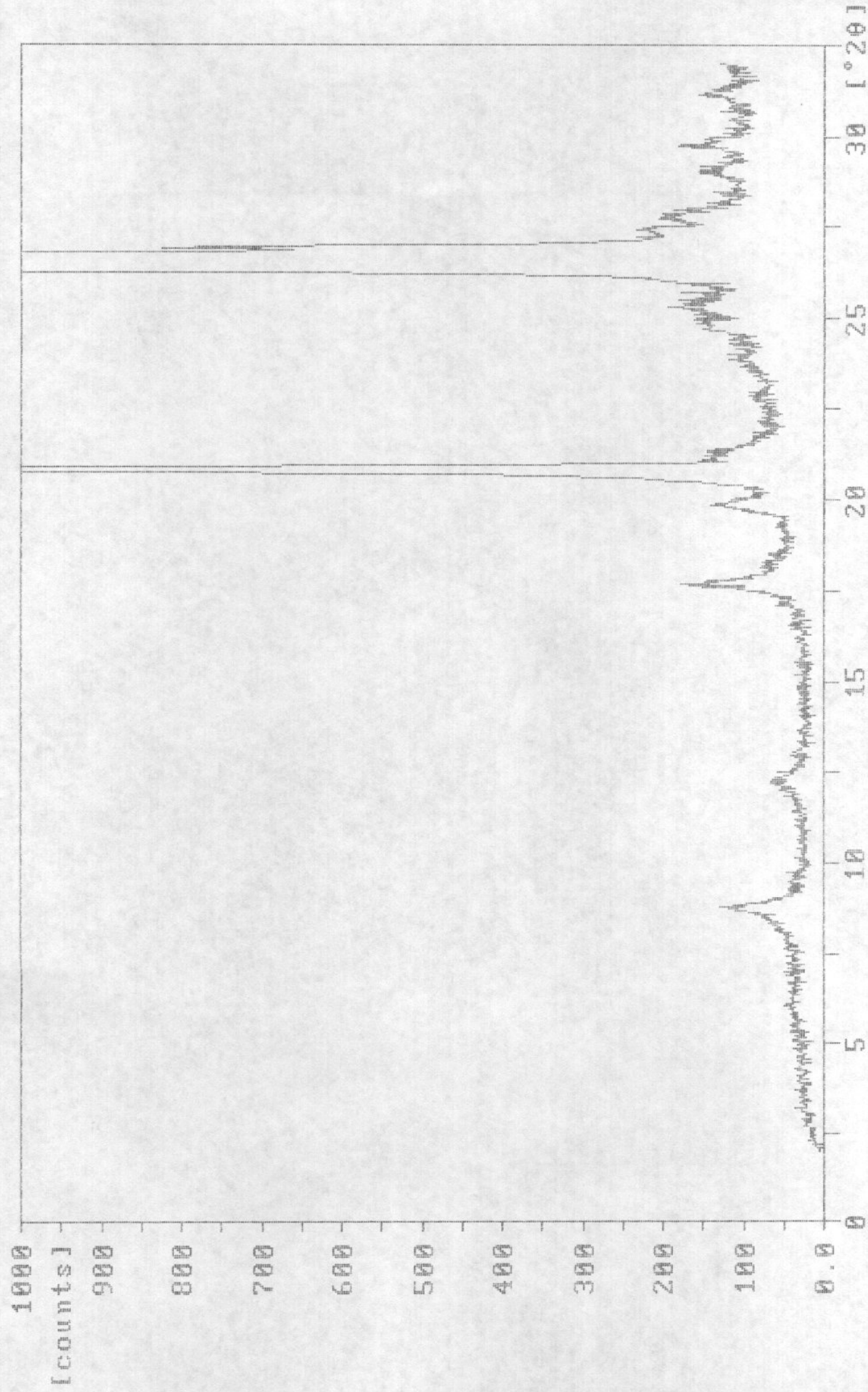
3-nov-1993 13:21



188-87.RD

Sample identification: H163(15-9)HE-0903

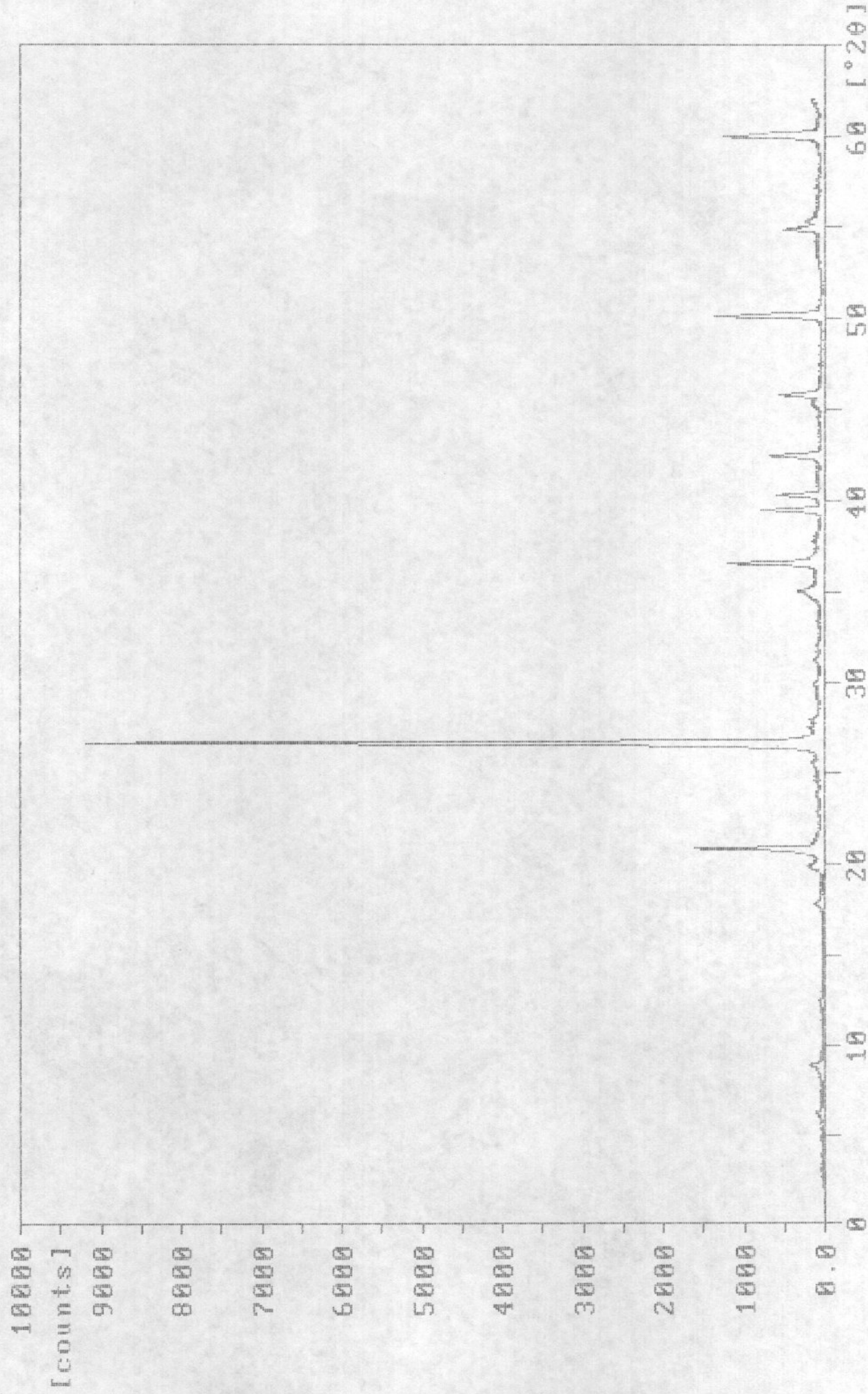
18-nov-1993 13:31



189-106A.RD

Sample identification: H163(15-9)HE-0903

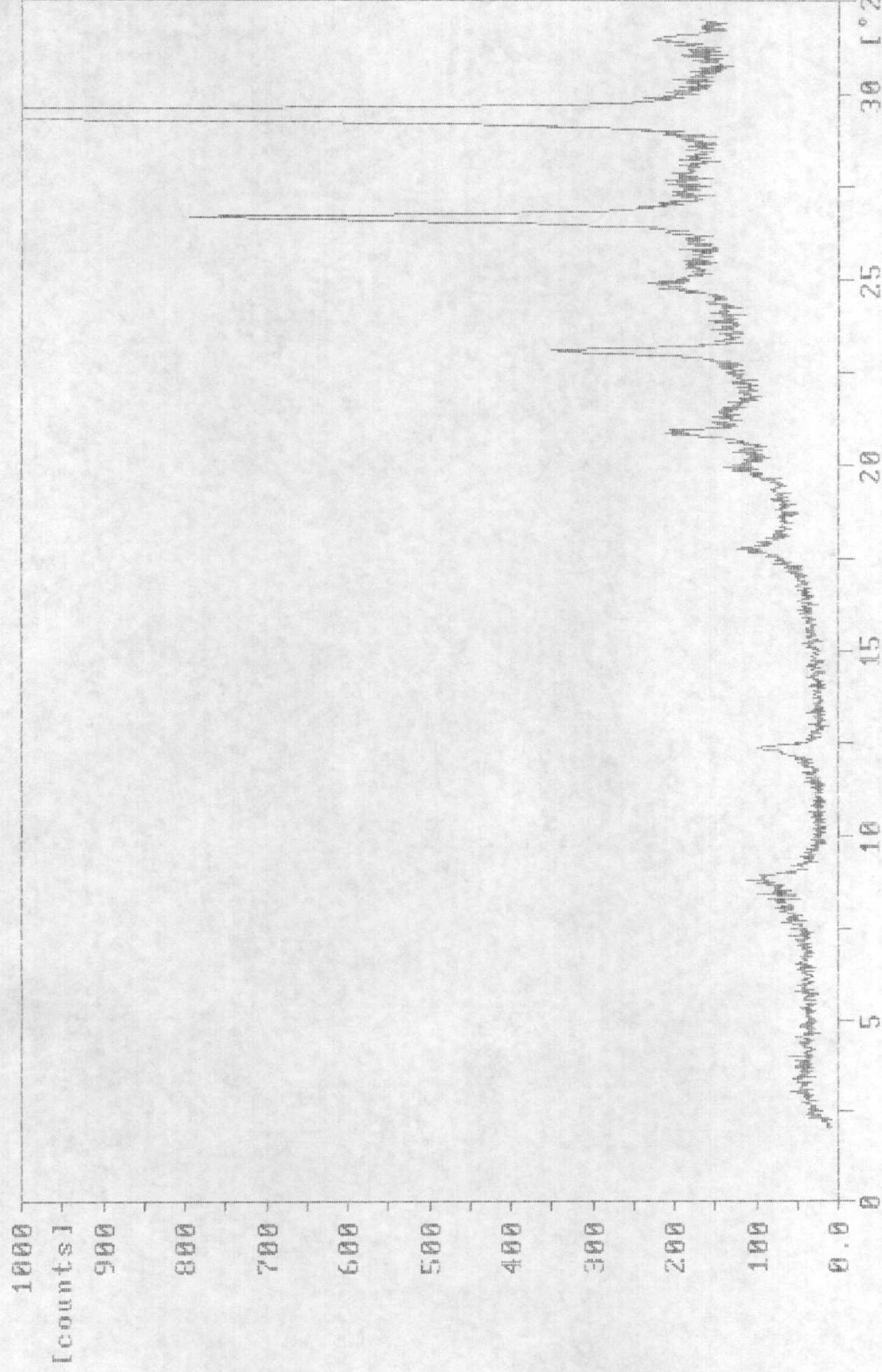
17-nov-1993 12:53



188-106.RD

Sample identification: H163(15-9)HE-0902

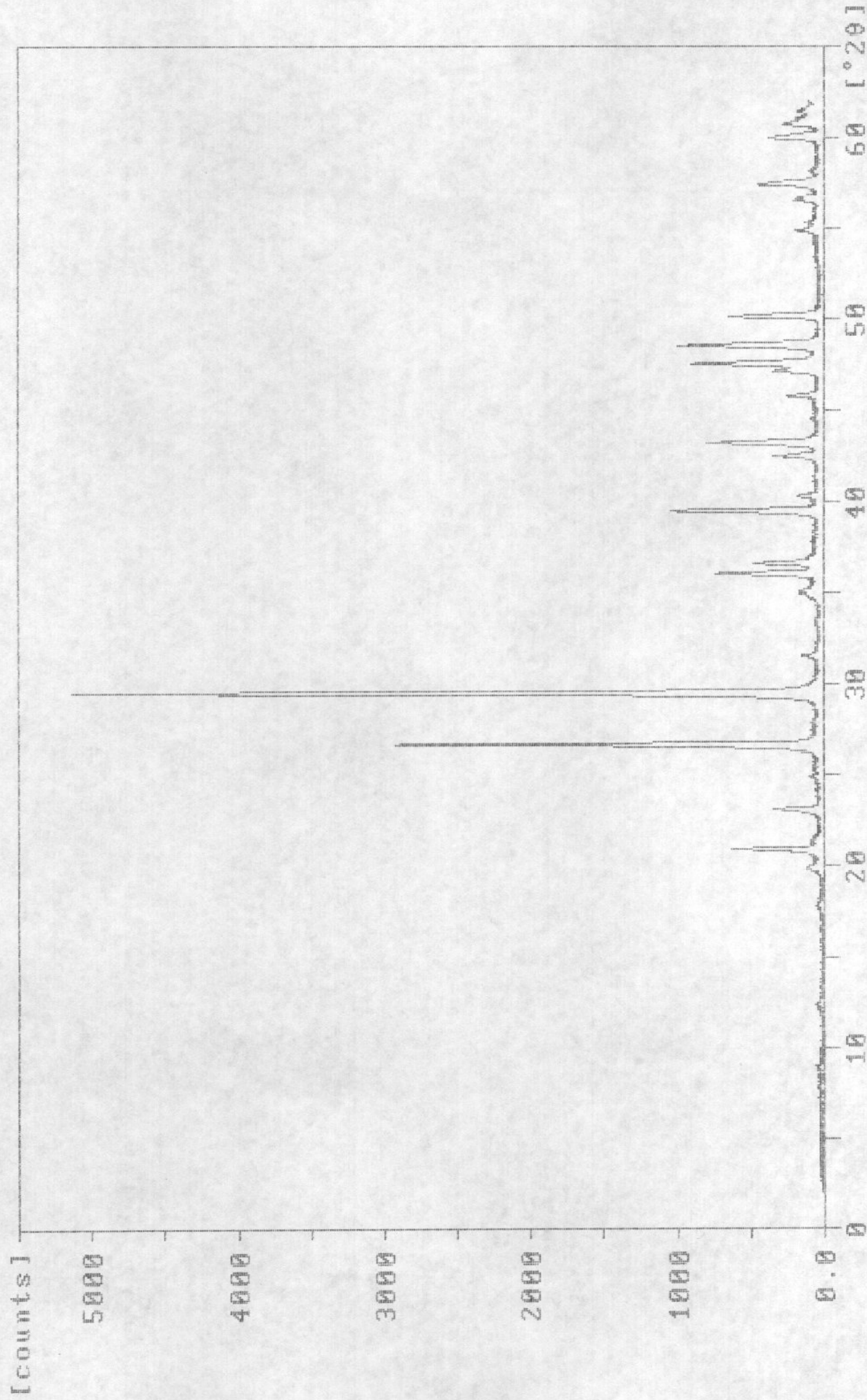
15-nov-1993 9:36



180-86A.RD

Sample identification: H163(15-9)HE-0902

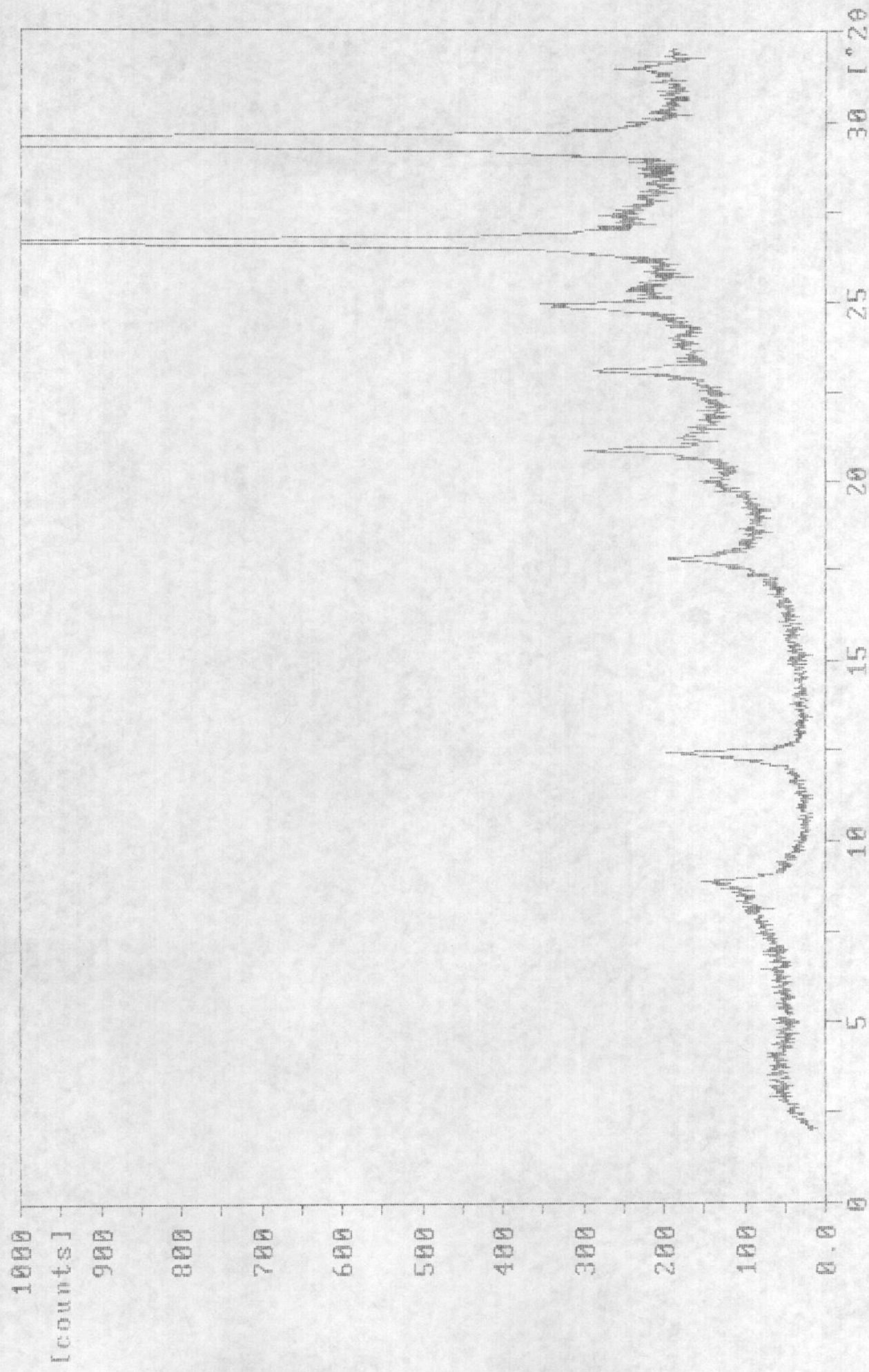
3-nov-1993 12:51



188-86.RD

Sample identification: H163(15-9)HE-0901

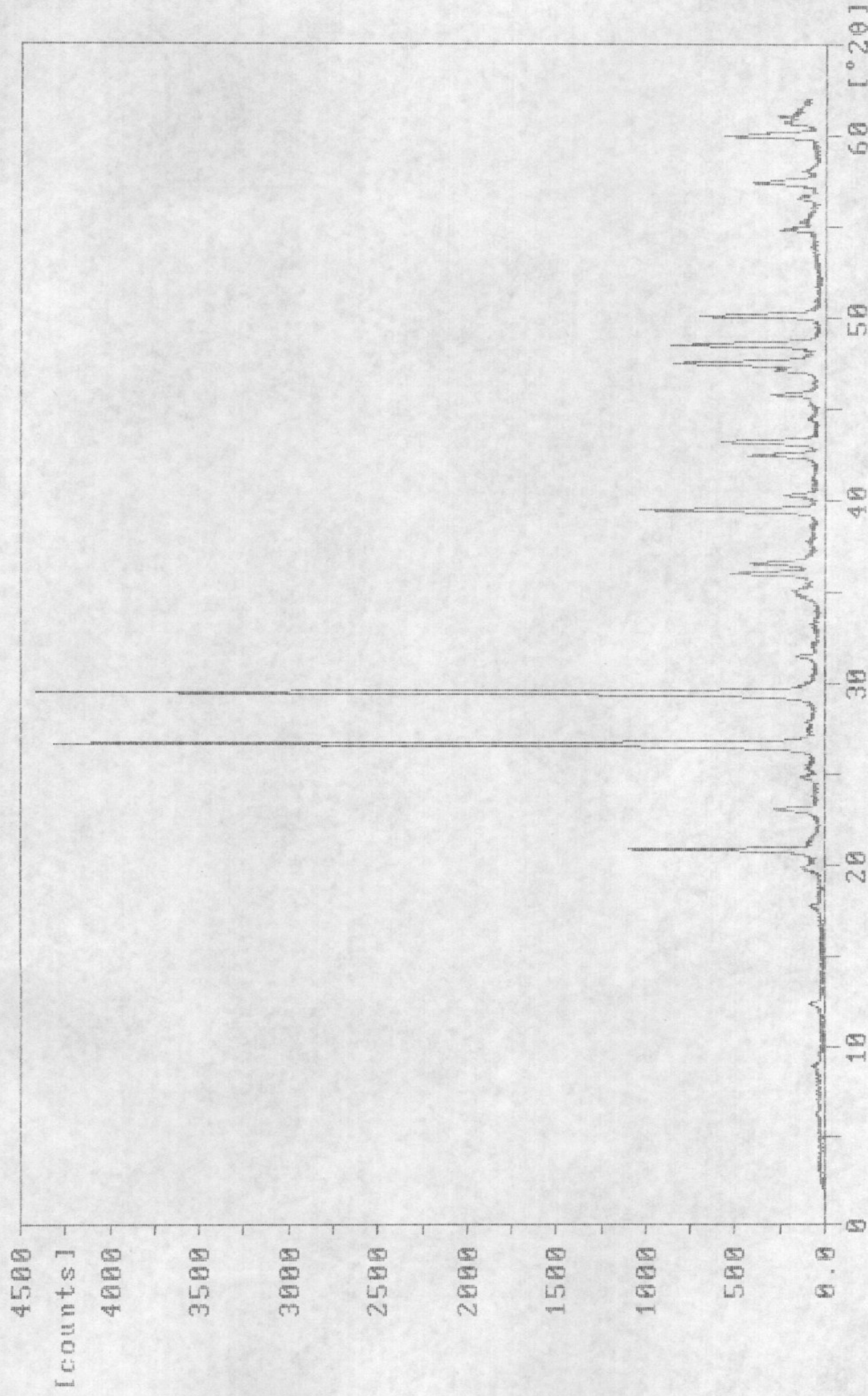
15-nov-1993 9:19



188-85A.RD

Sample identification: H163(15-9)HE-0901

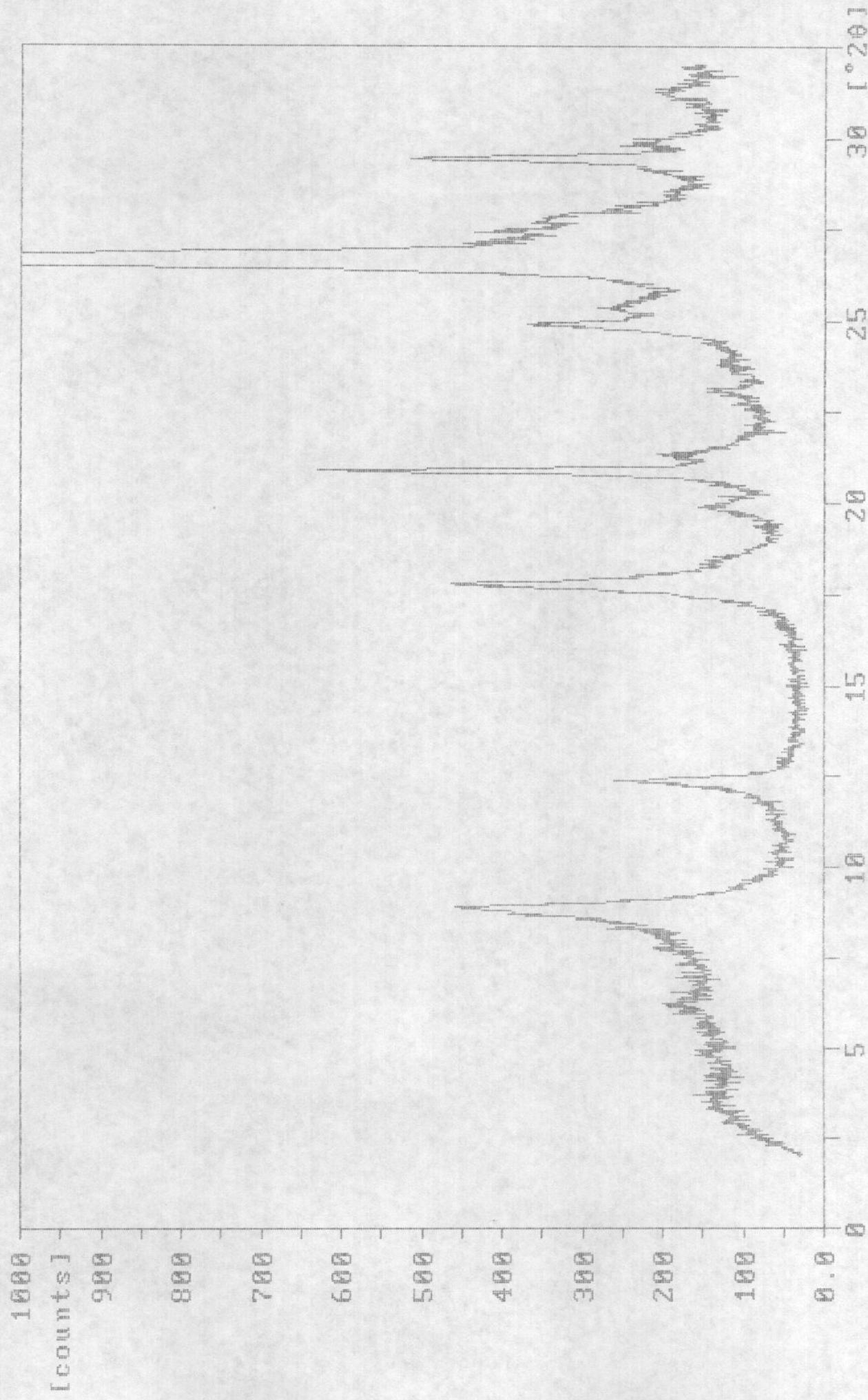
3-nov-1993 12:19



188-85.RD

Sample identification: H-15-9 HE-0805

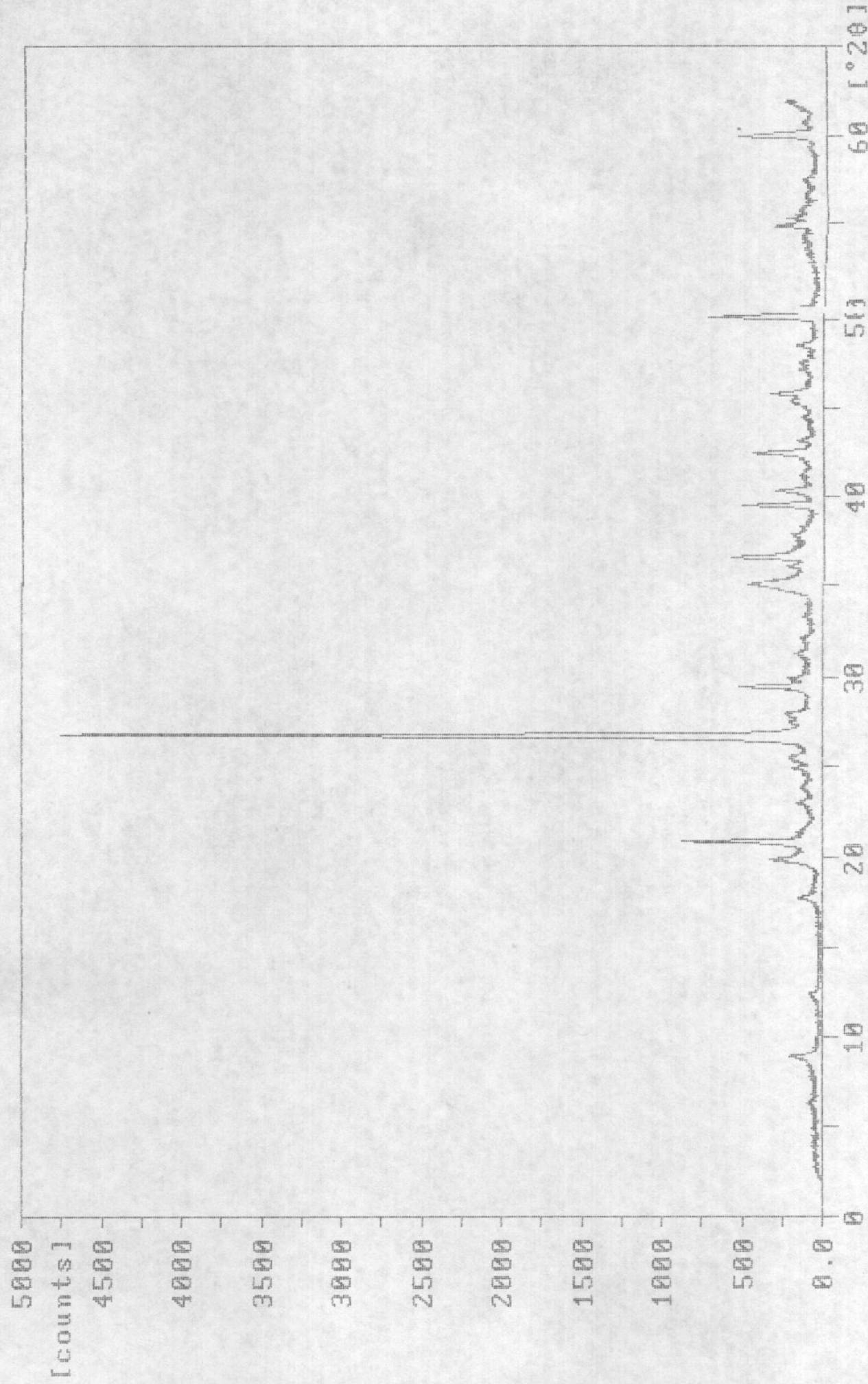
29-nov-1993 11:33



332-30A.RD

Sample identification: H-15-9 HE-0005

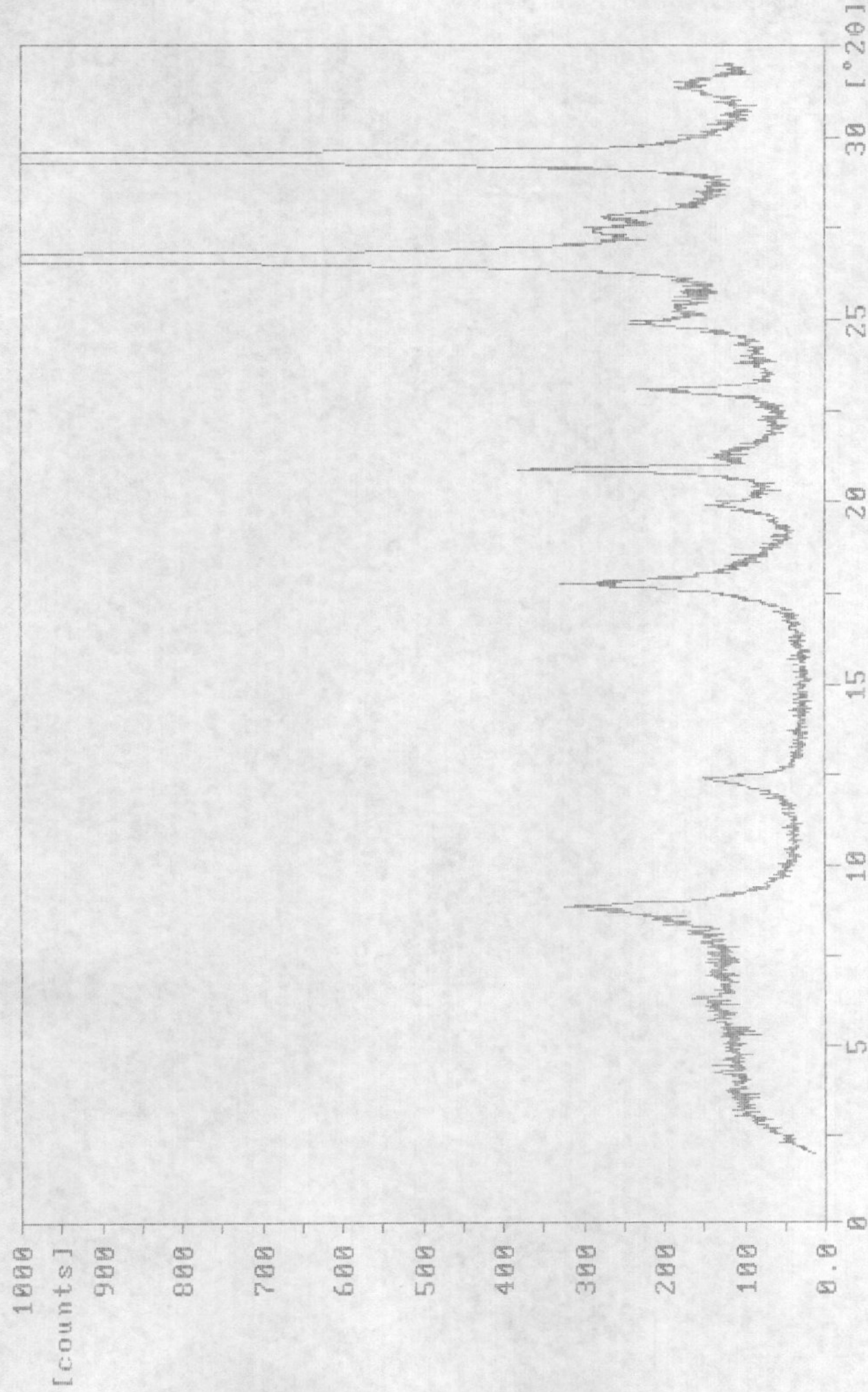
22-nov-1993 13:42



332-30.RD

Sample identification: H-15-9 HE-0803

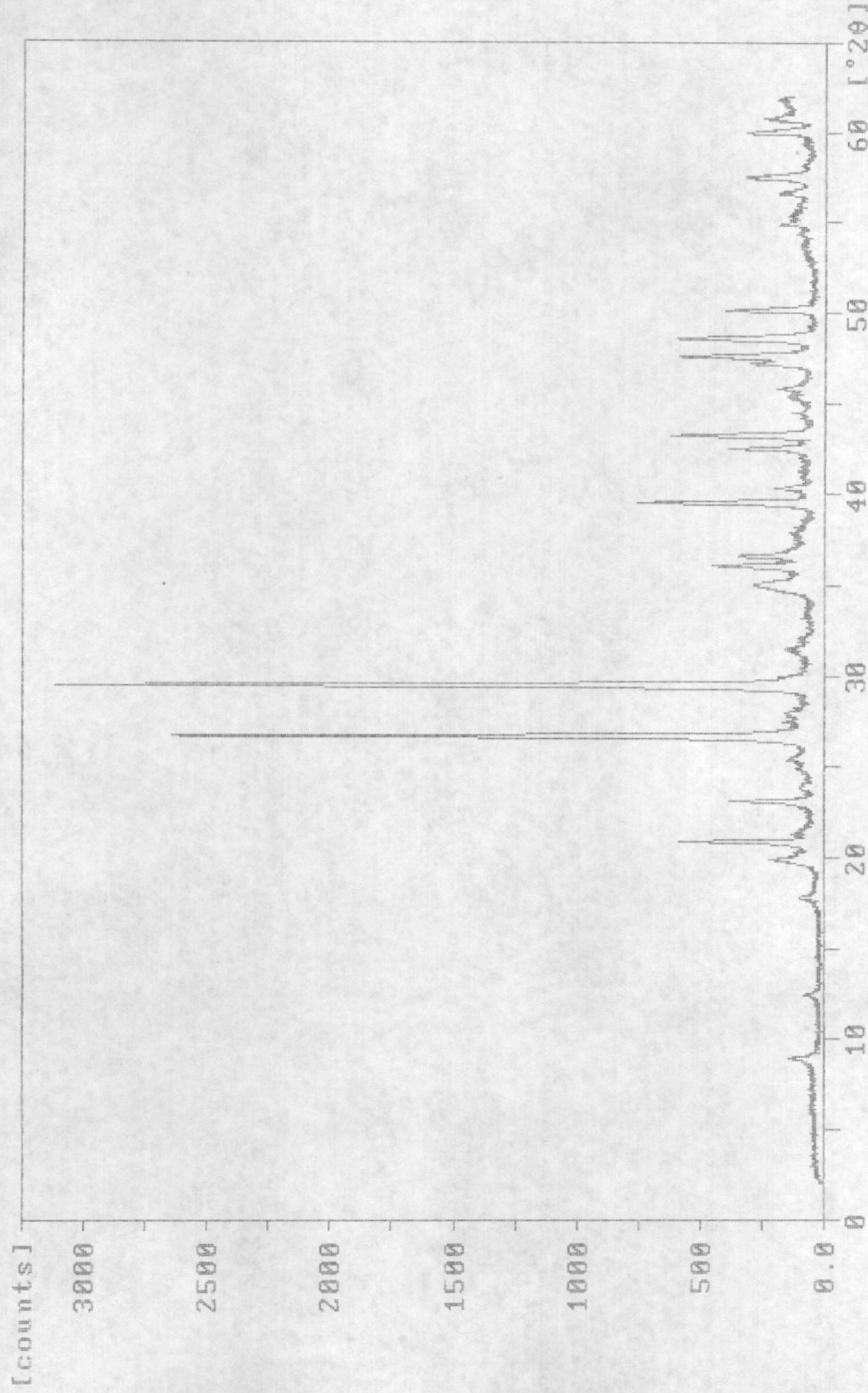
29-nov-1993 11:16



332-28A.RD

Sample identification: H-15-9 HE-0803

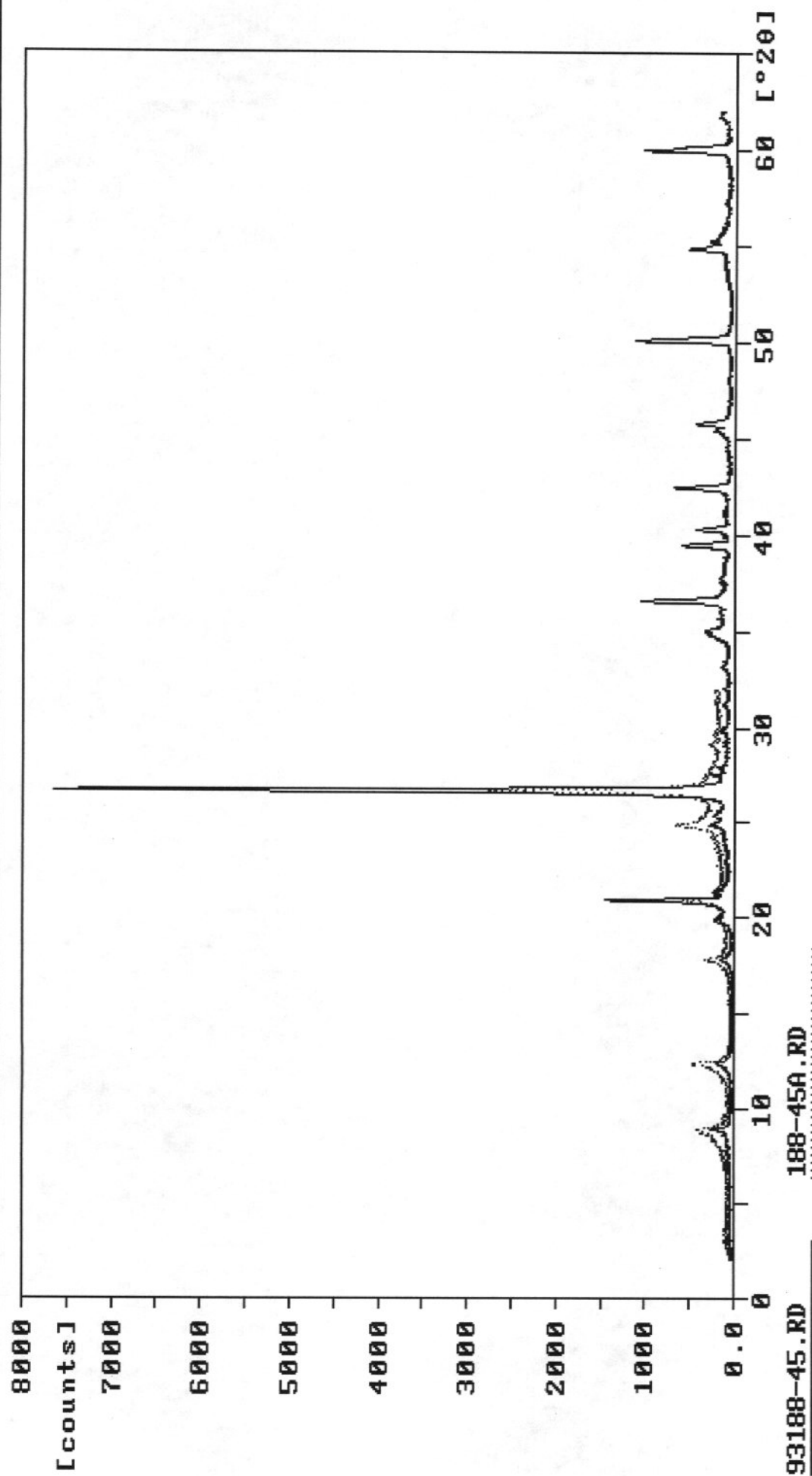
23-nov-1993 16:26



332-28.RD

Sample identification: H161(13-9)HE-0706

15-dec-1993 12:40

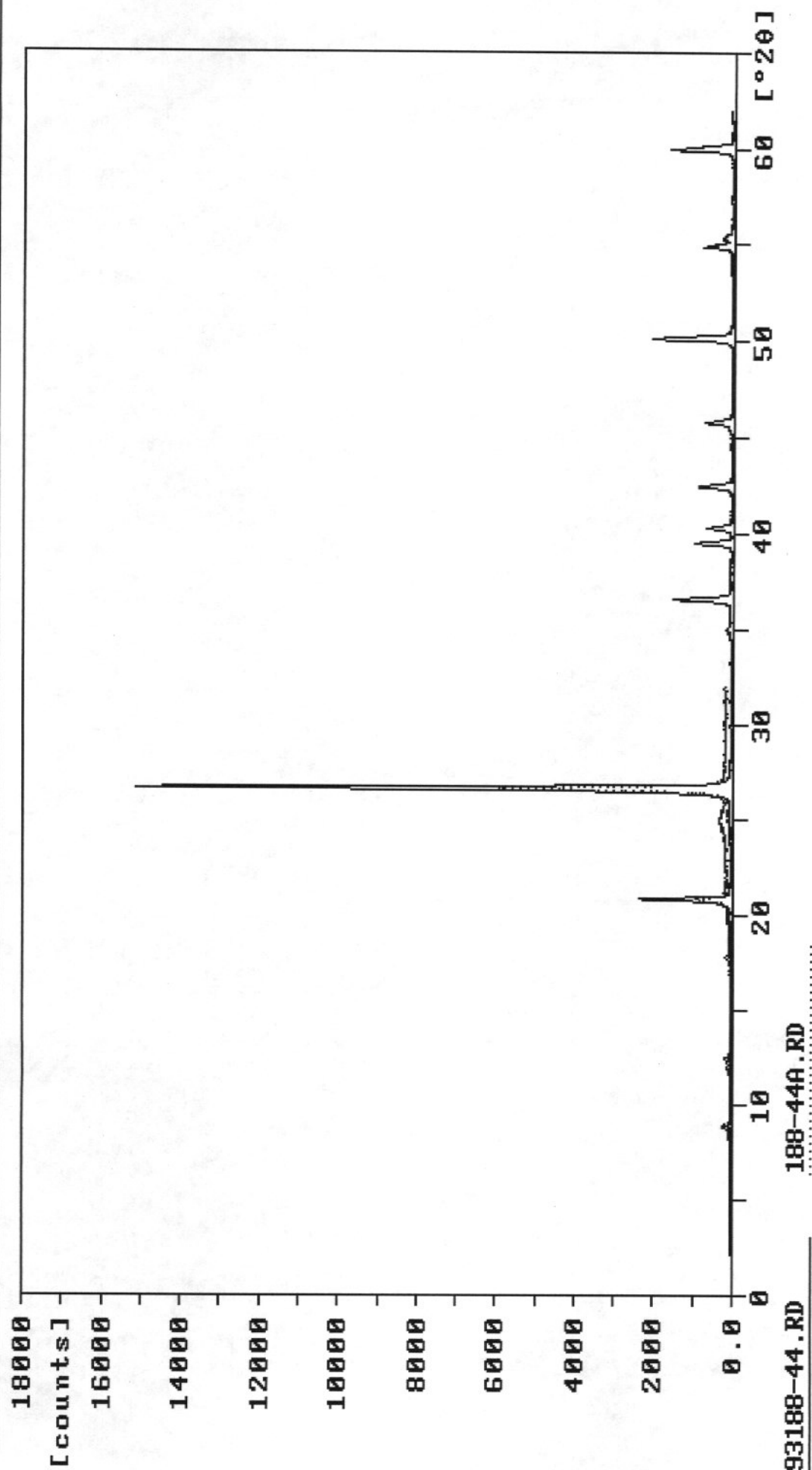


93188-45.RD

188-45A.RD

Sample identification: H161(13-9)HE-0705

15-dec-1993 12:39

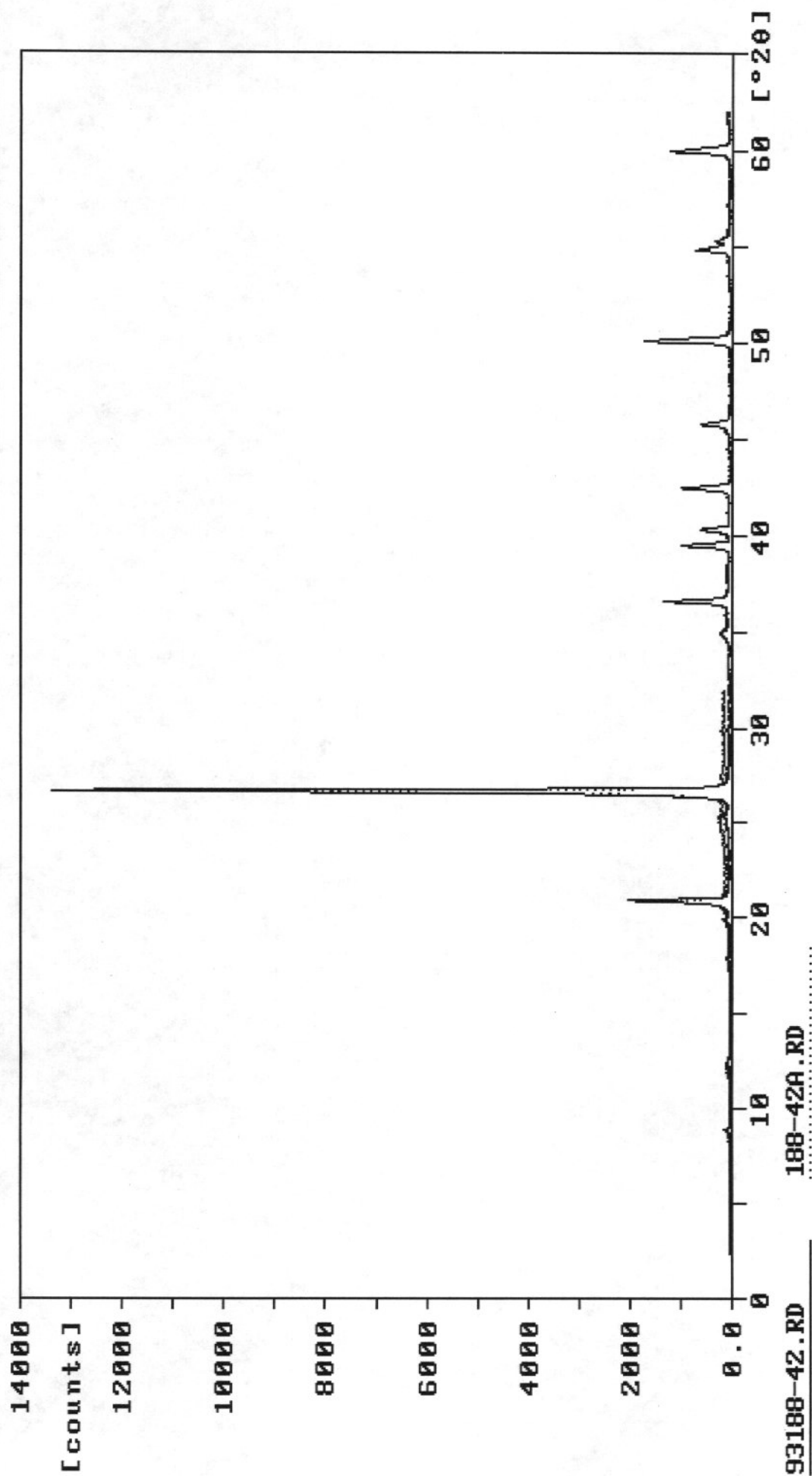


93188-44.RD

188-44A.RD

Sample identification: H161(13-9)HE-0703

15-dec-1993 12:38

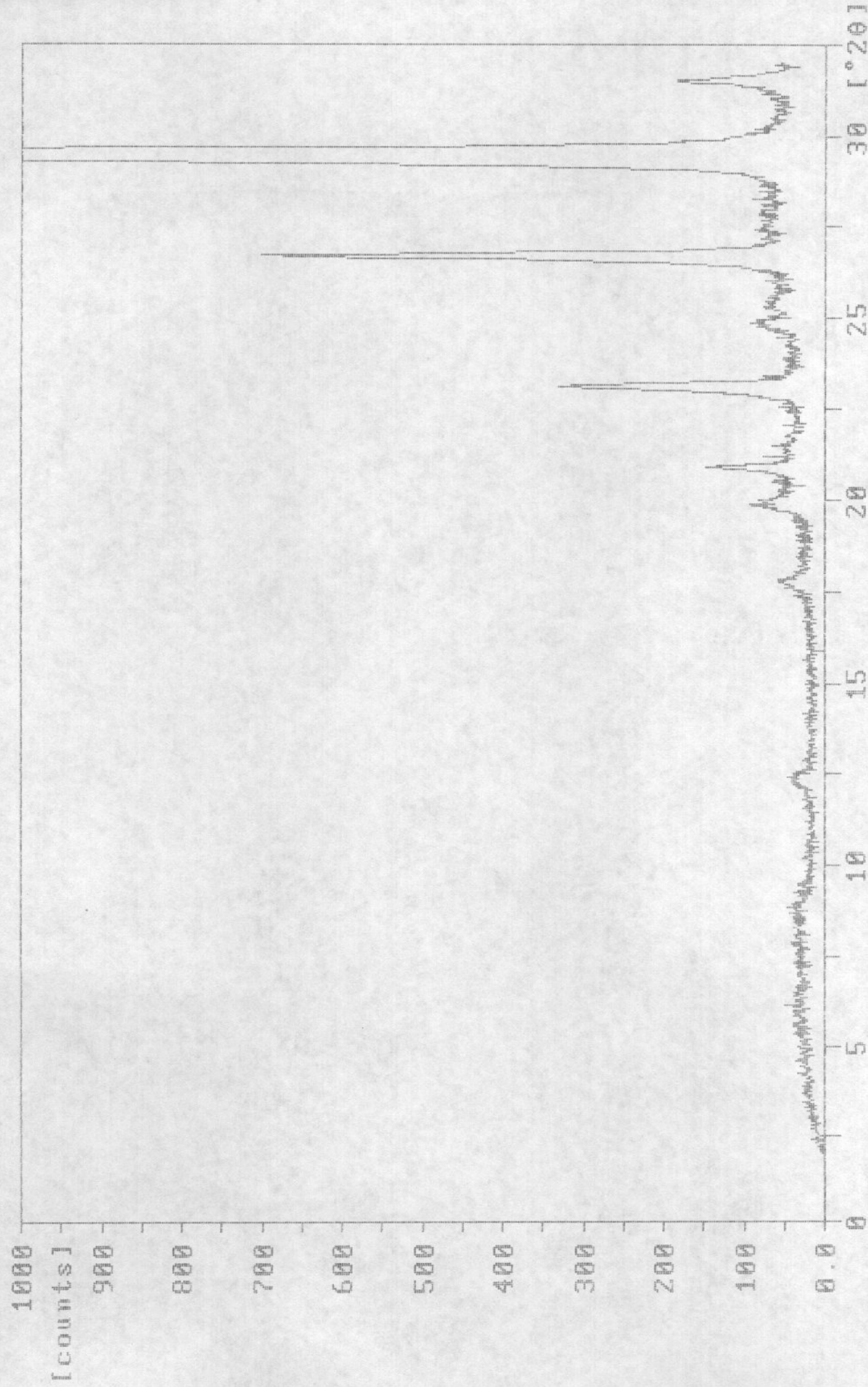


93188-42.RD

188-42A.RD

Sample identification: H-15-9 HE-0704

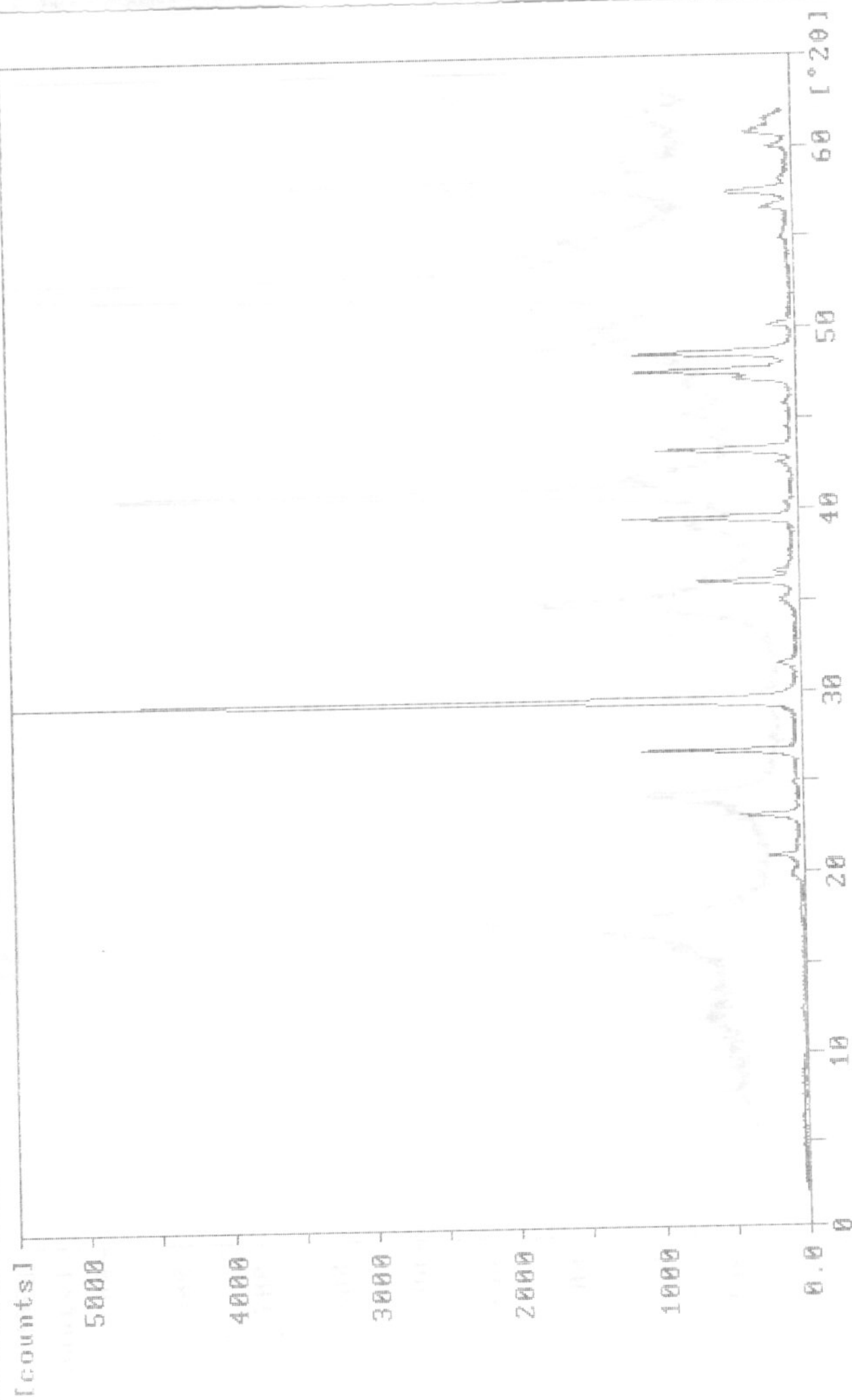
29-nov-1993 11:00



332-25A.RD

23-nov-1993 13:53

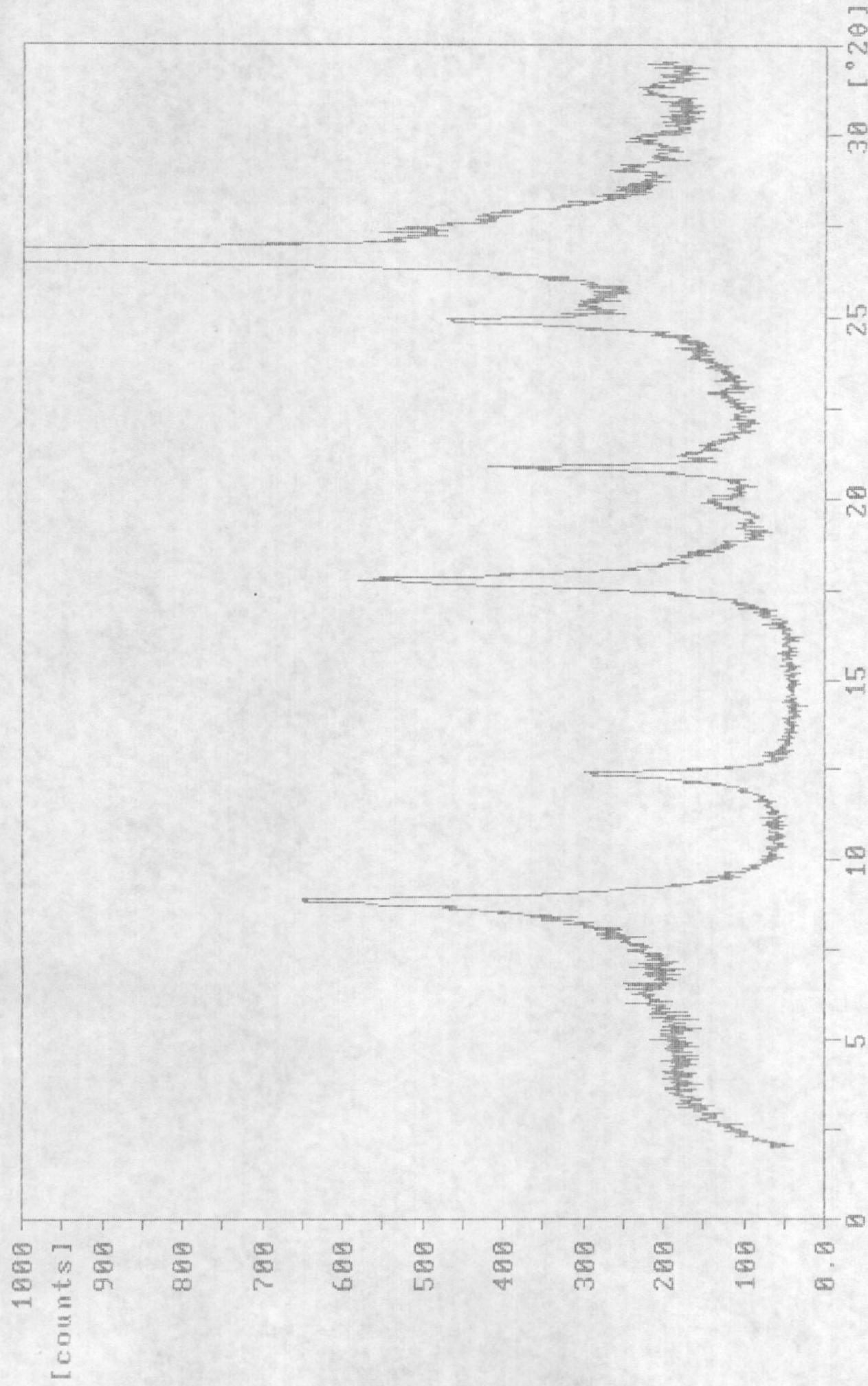
Sample identification: H-15-9 HE-0704



332-25.RD

Sample identification: H-15-9 HE-0702

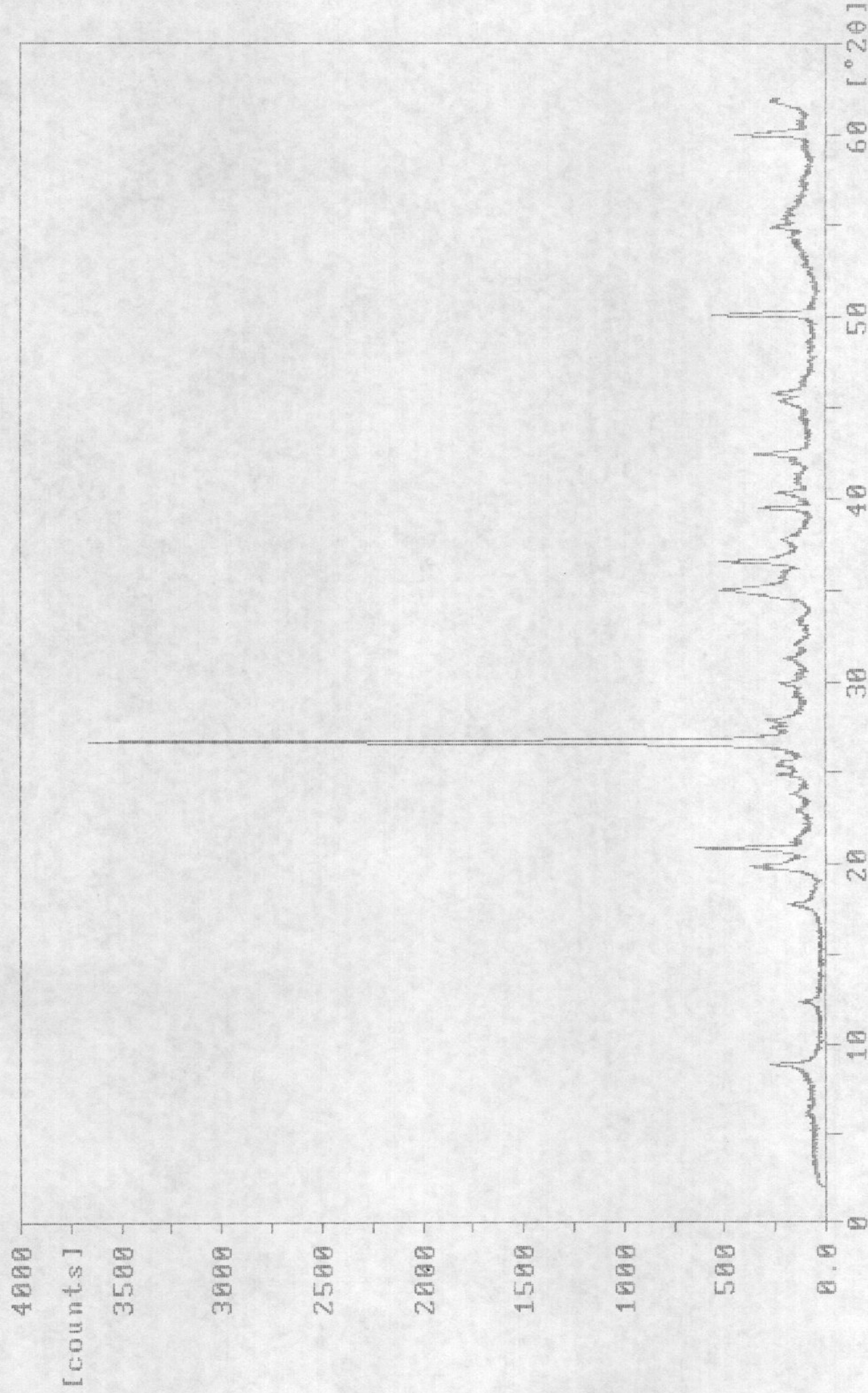
25-nov-1993 11:39



332-23A.RD

Sample identification: H-15-9 HE-0702

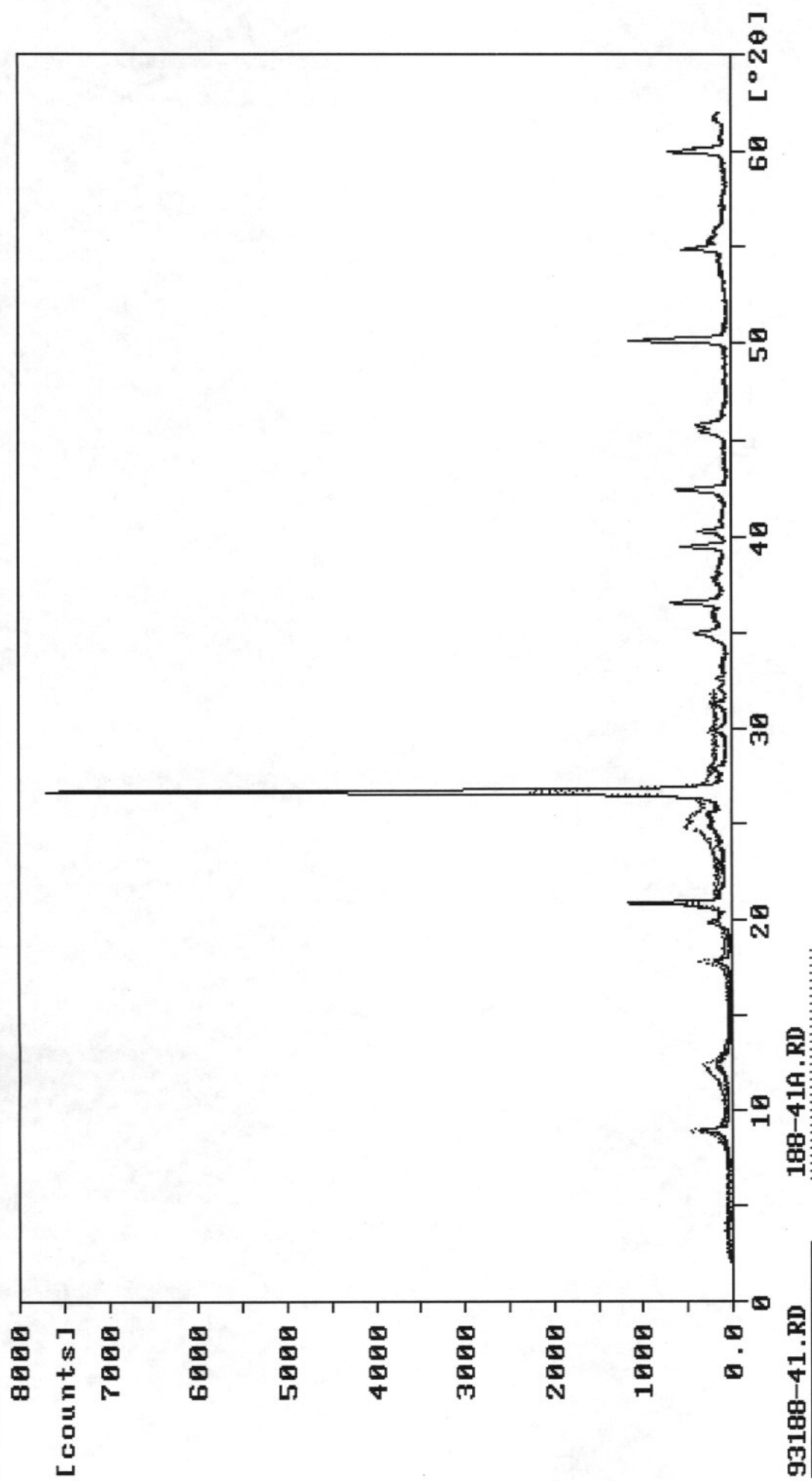
22-nov-1993 11:09



332-23.RD

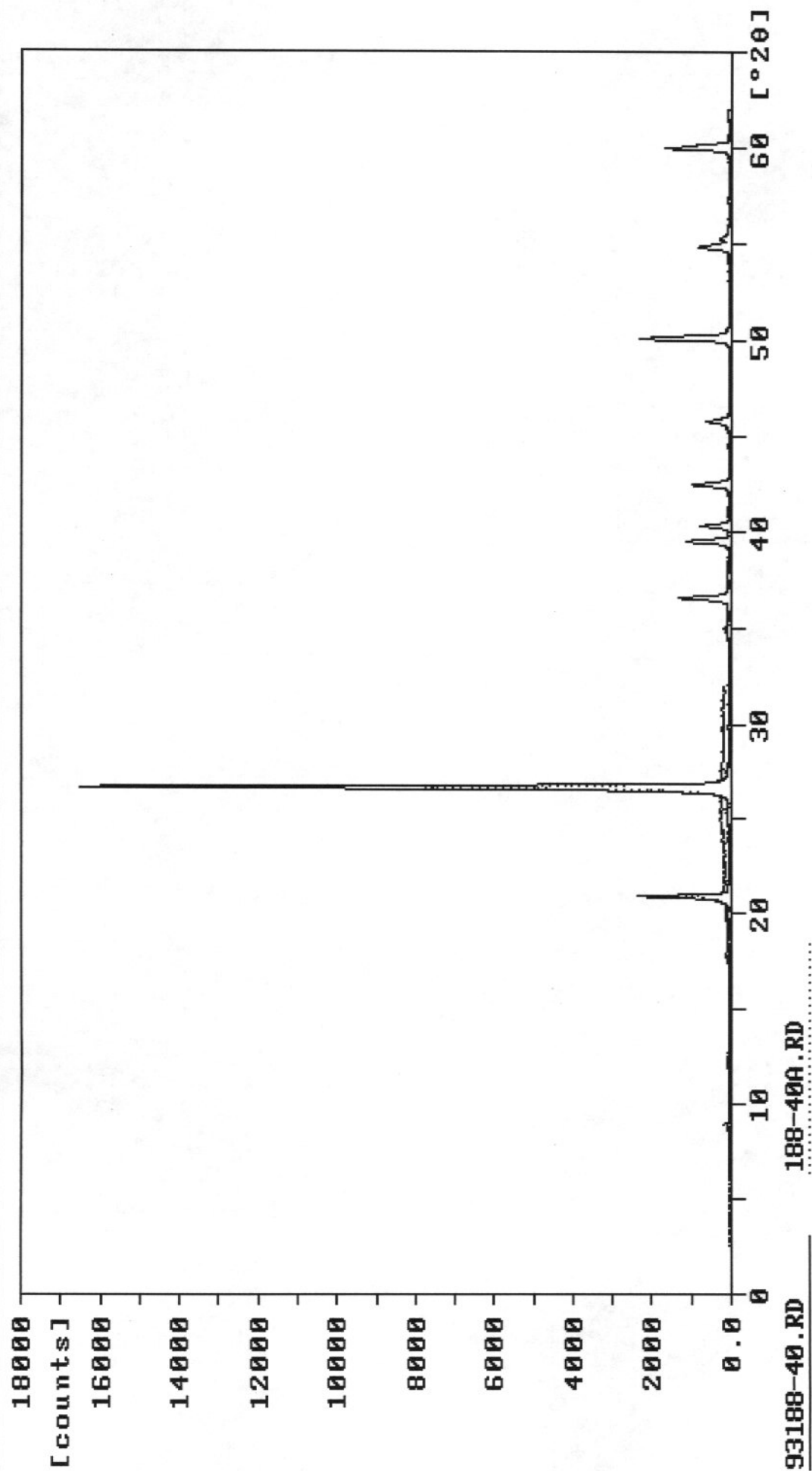
Sample identification: H161(13-9)HE-0702

15-dec-1993 12:37



Sample identification: H161(13-9)HE-0701

15-dec-1993 12:35

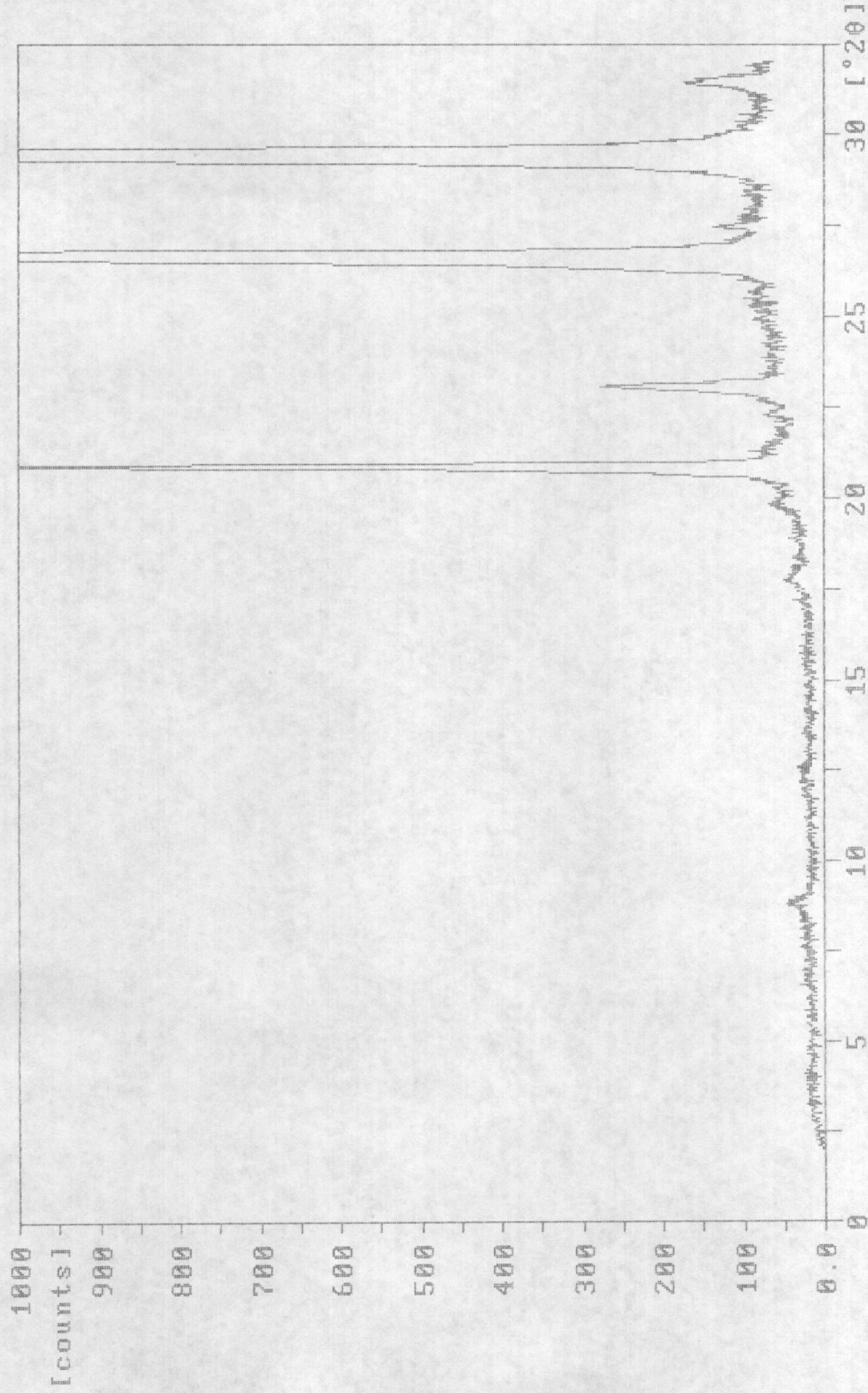


93188-40.RD

188-40A.RD

Sample identification: H-14-9 HE-0639

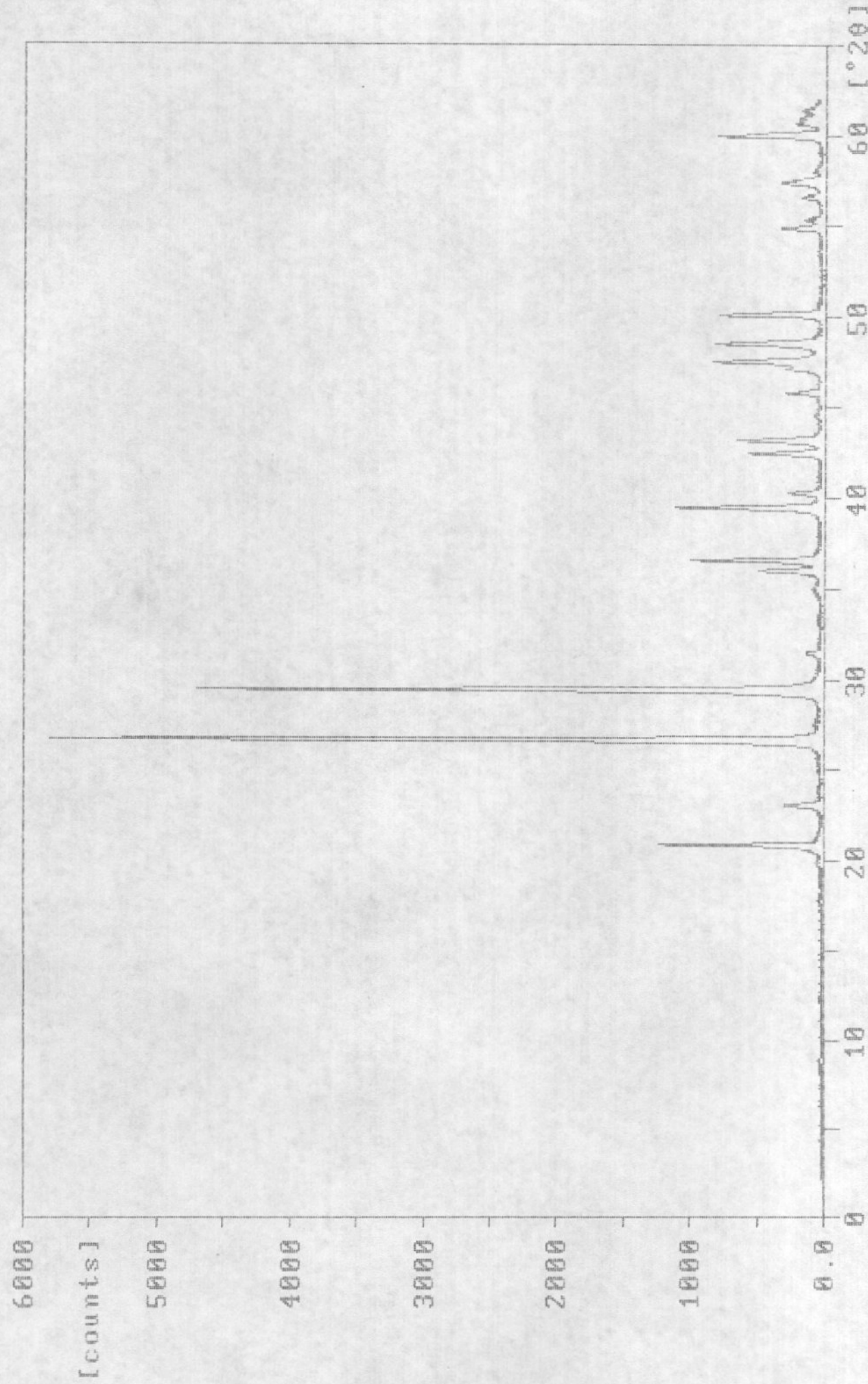
24-nov-1993 13:08



332-15A.RD

Sample identification: H-14-9 HE-0639

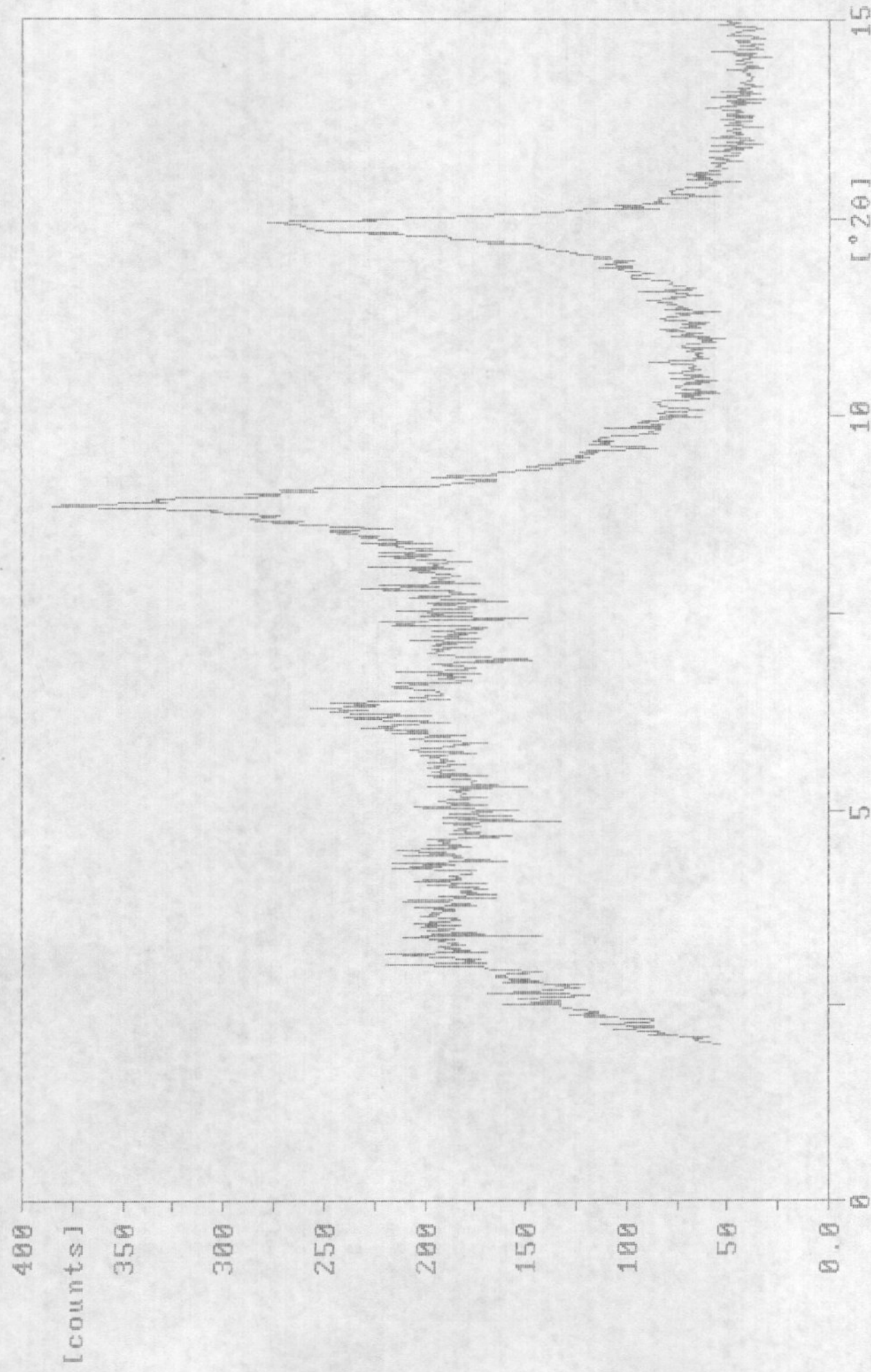
23-nov-1993 10:18



332-15.RD

Sample identification: H-14-9 HE-0638

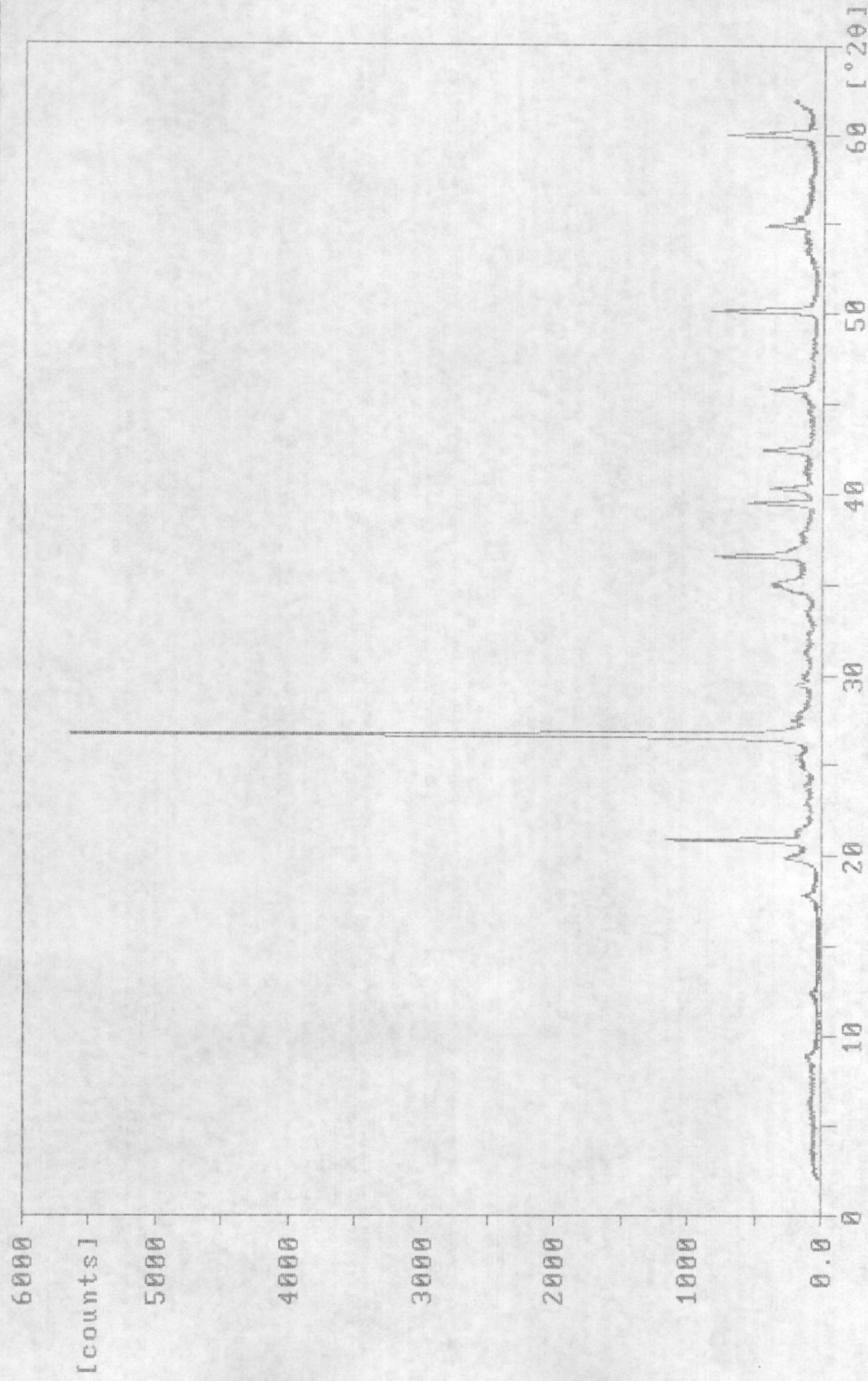
25-nov-1993 9:49



332-14E.RD

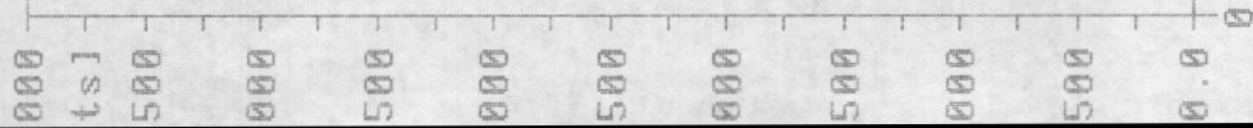
Sample identification: H-14-9 HE-0638

23-nov-1993 10:54



332-14.RD

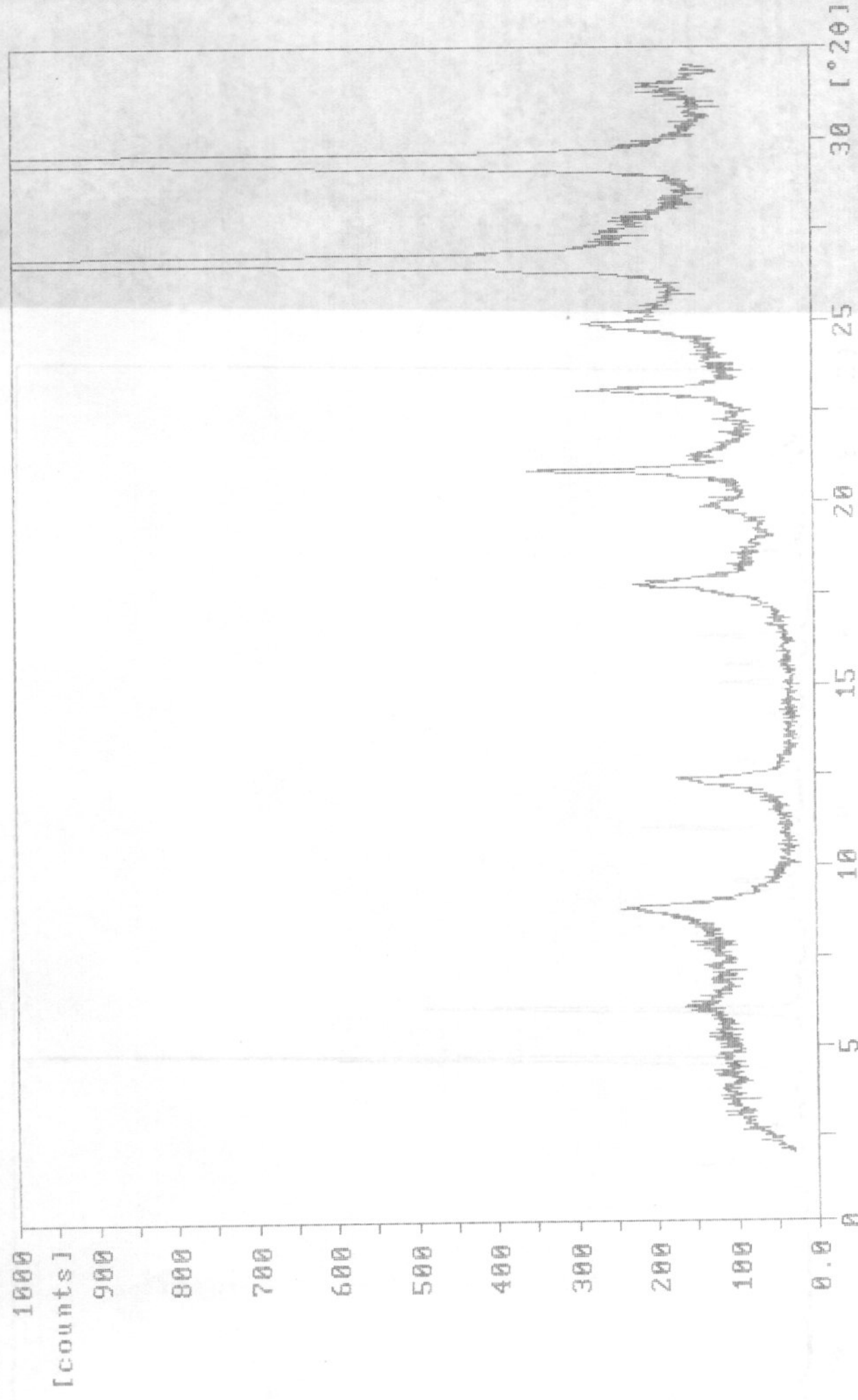
identificat



Sample identification: H-14-9 HE-0637

24-nov-1993 9:46

24-nov-1993 12:12

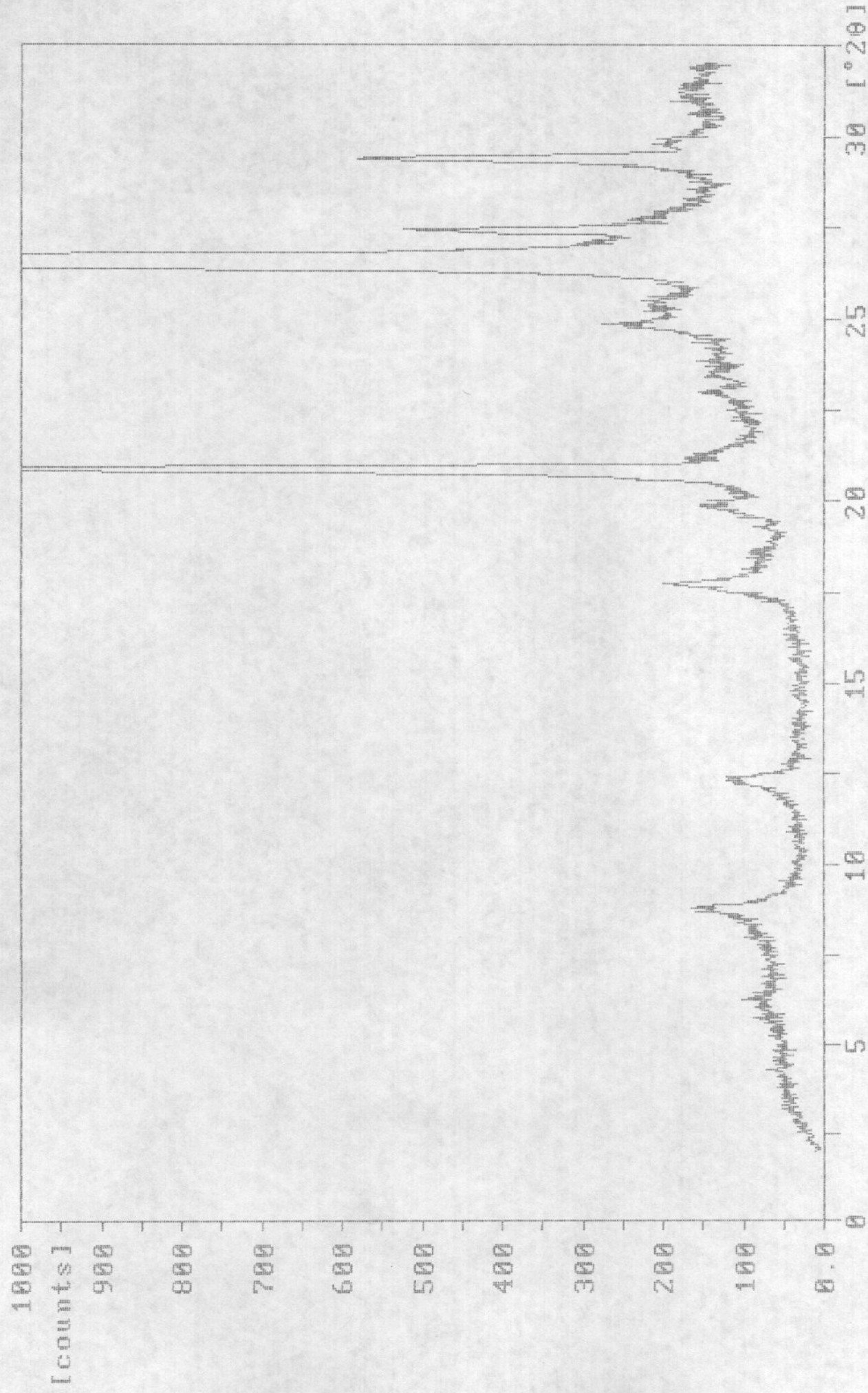


332-13A.RD

.RD

Sample identification: H-14-9 HE-0636

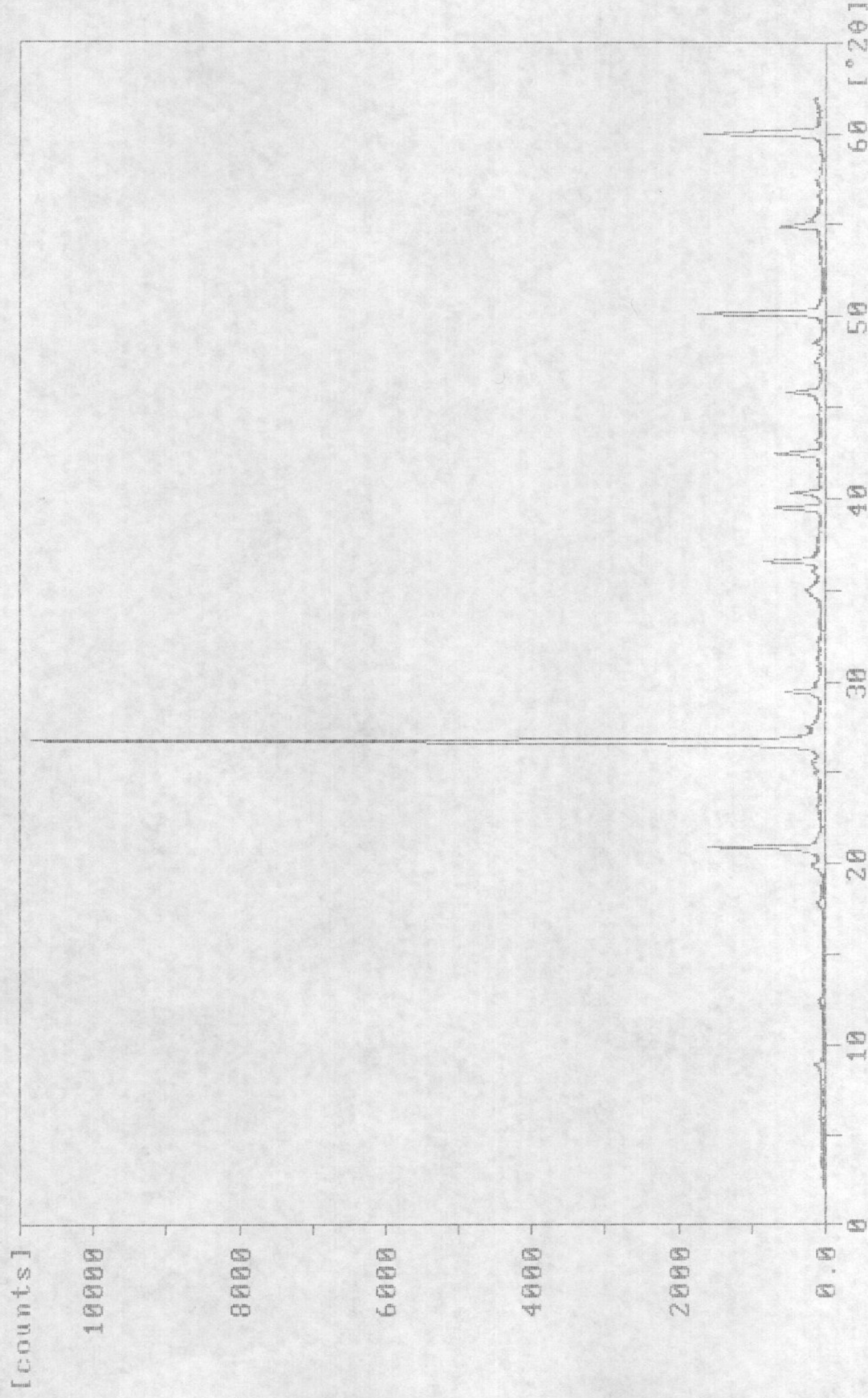
24-nov-1993 11:45



332-12A.RD

Sample identification: H-14-9 HE-0636

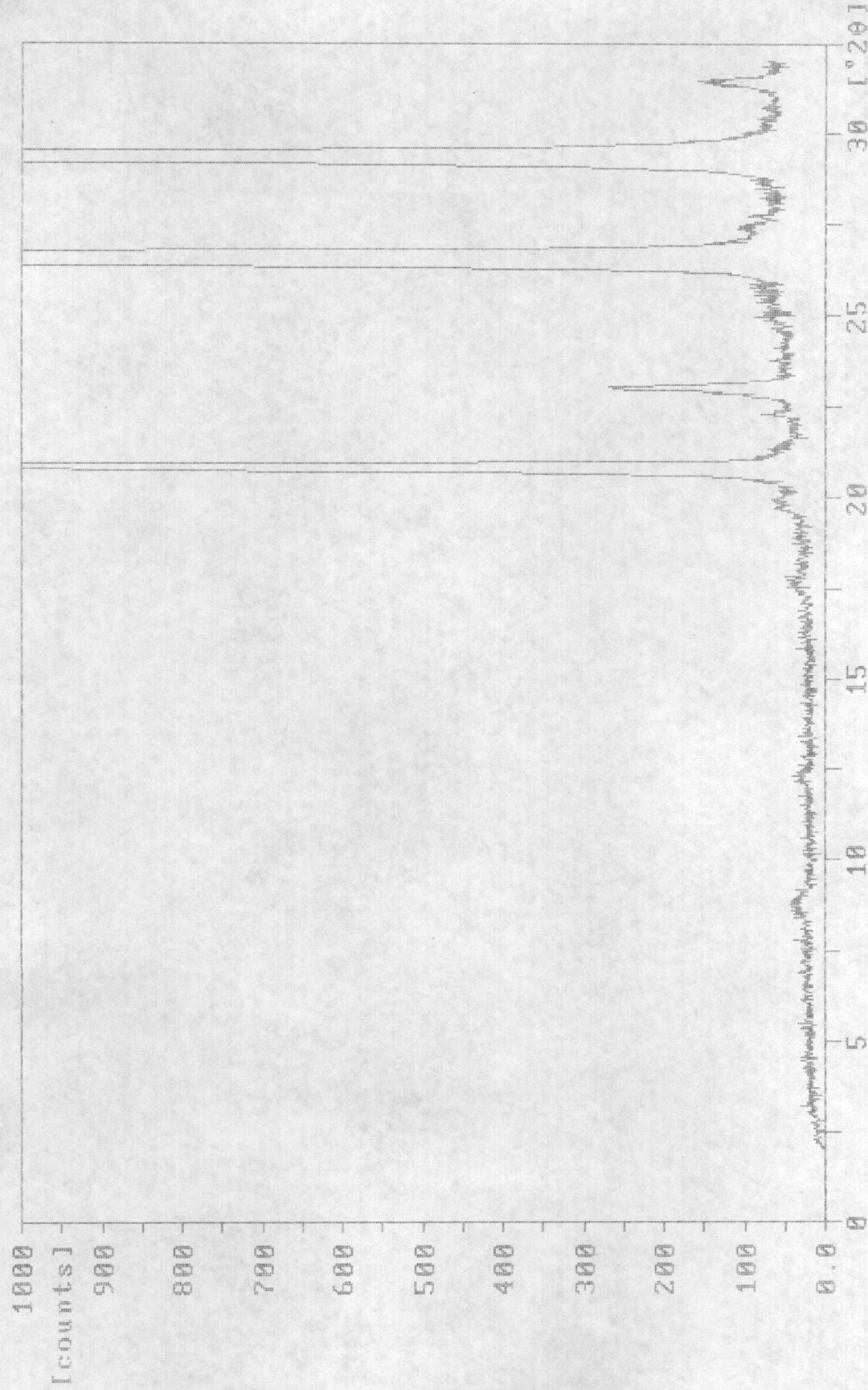
22-nov-1993 10:06



332-12.RD

Sample identification: H-14-9 HE-0635

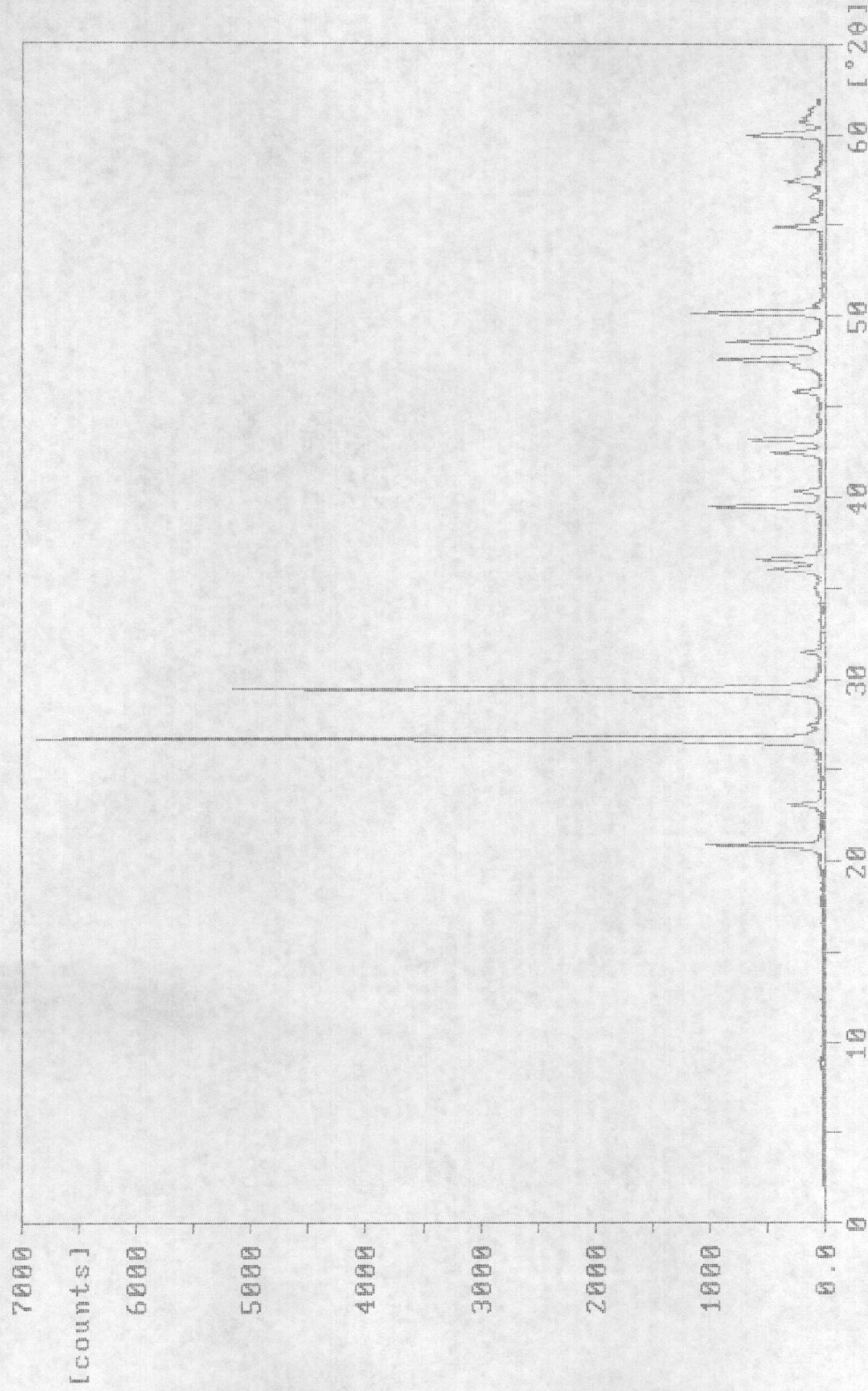
29-nov-1993 9:53



332-11A.RD

Sample identification: H-14-9 HE-0635

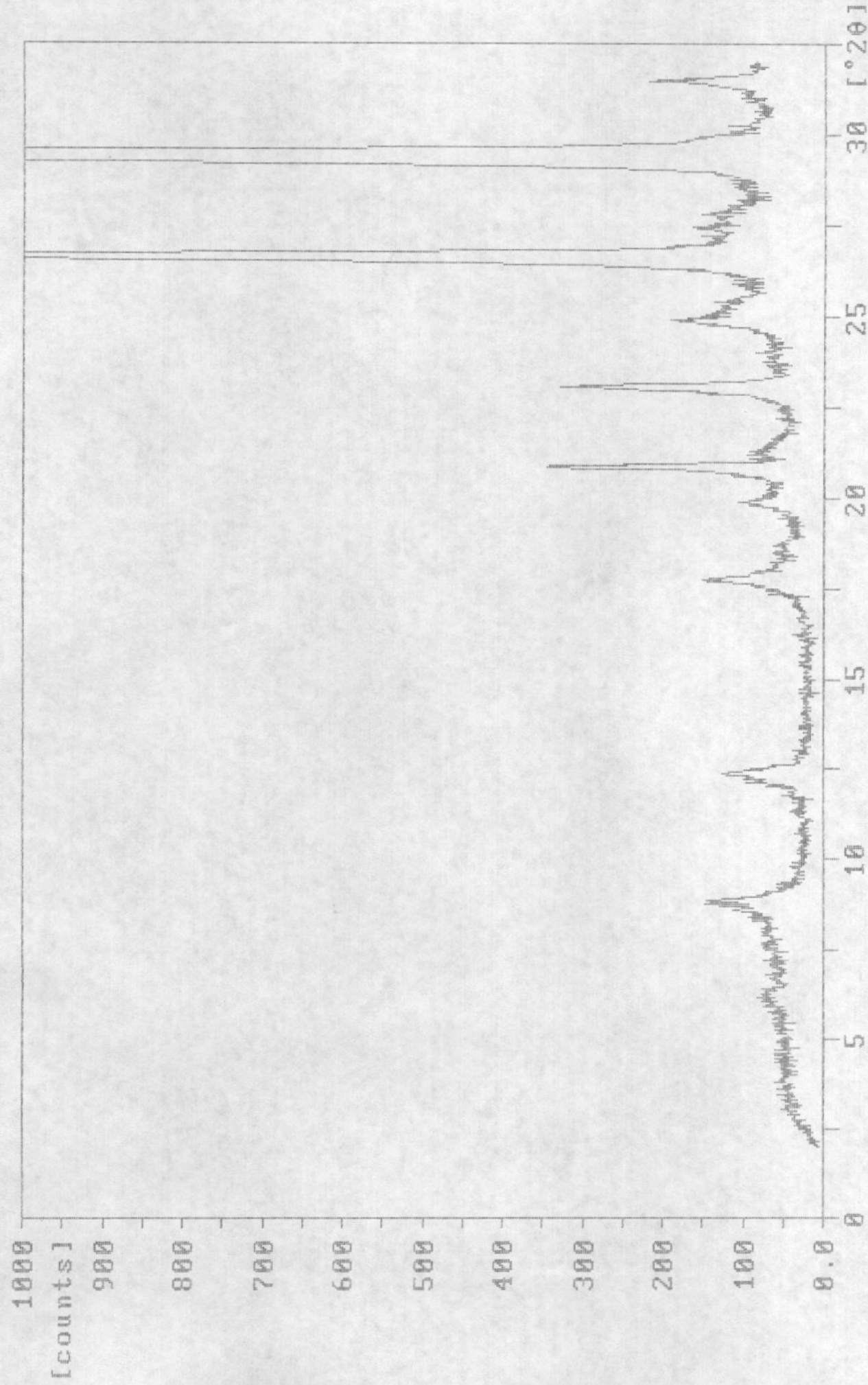
23-nov-1993 11:57



332-11.RD

Sample identification: H-14-9 HE-0634

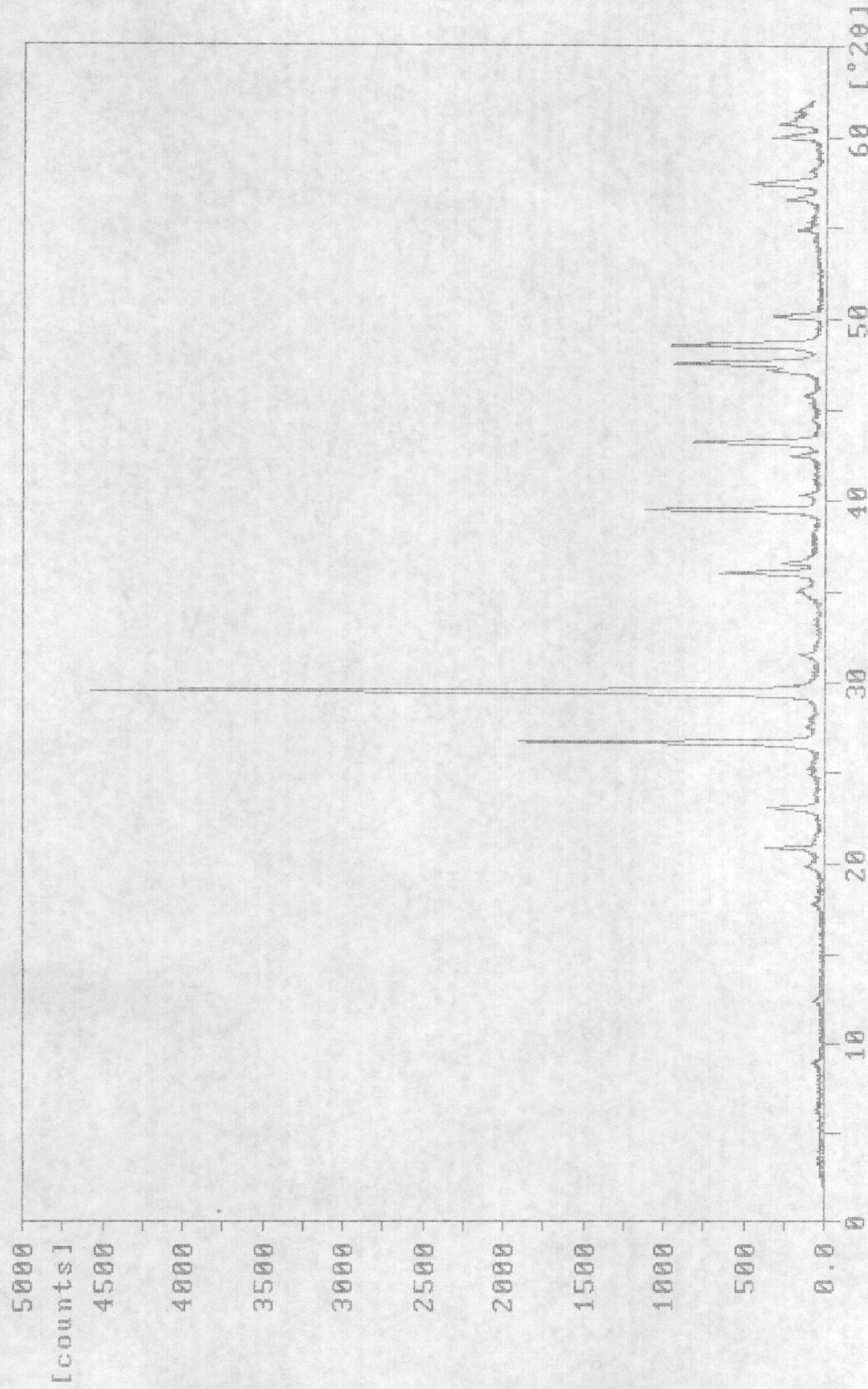
25-nov-1993 12:19



332-10A.RD

Sample identification: H-14-9 HE-0634

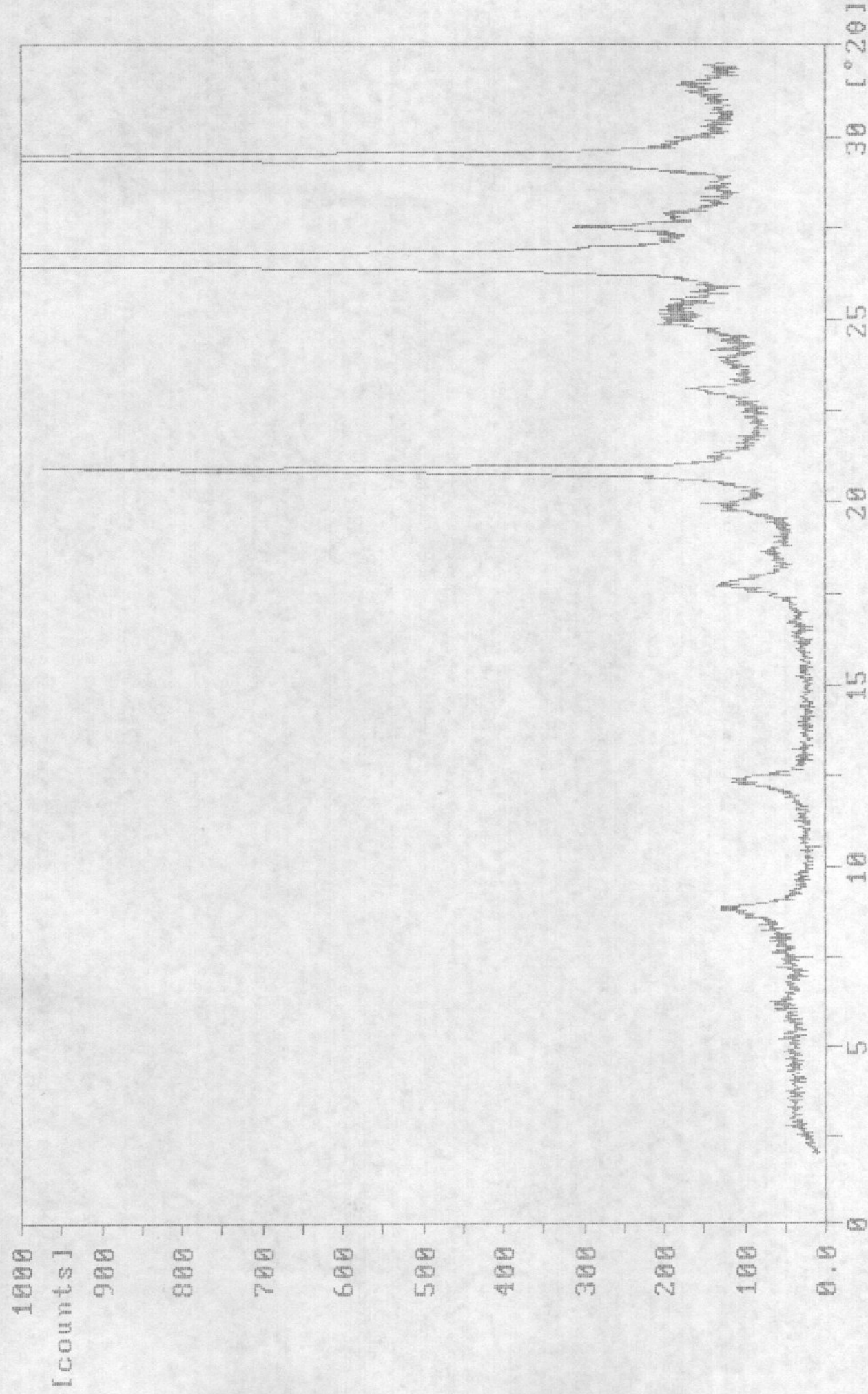
23-nov-1993 14:55



332-10.RD

Sample identification: H-14-9 HE-0633

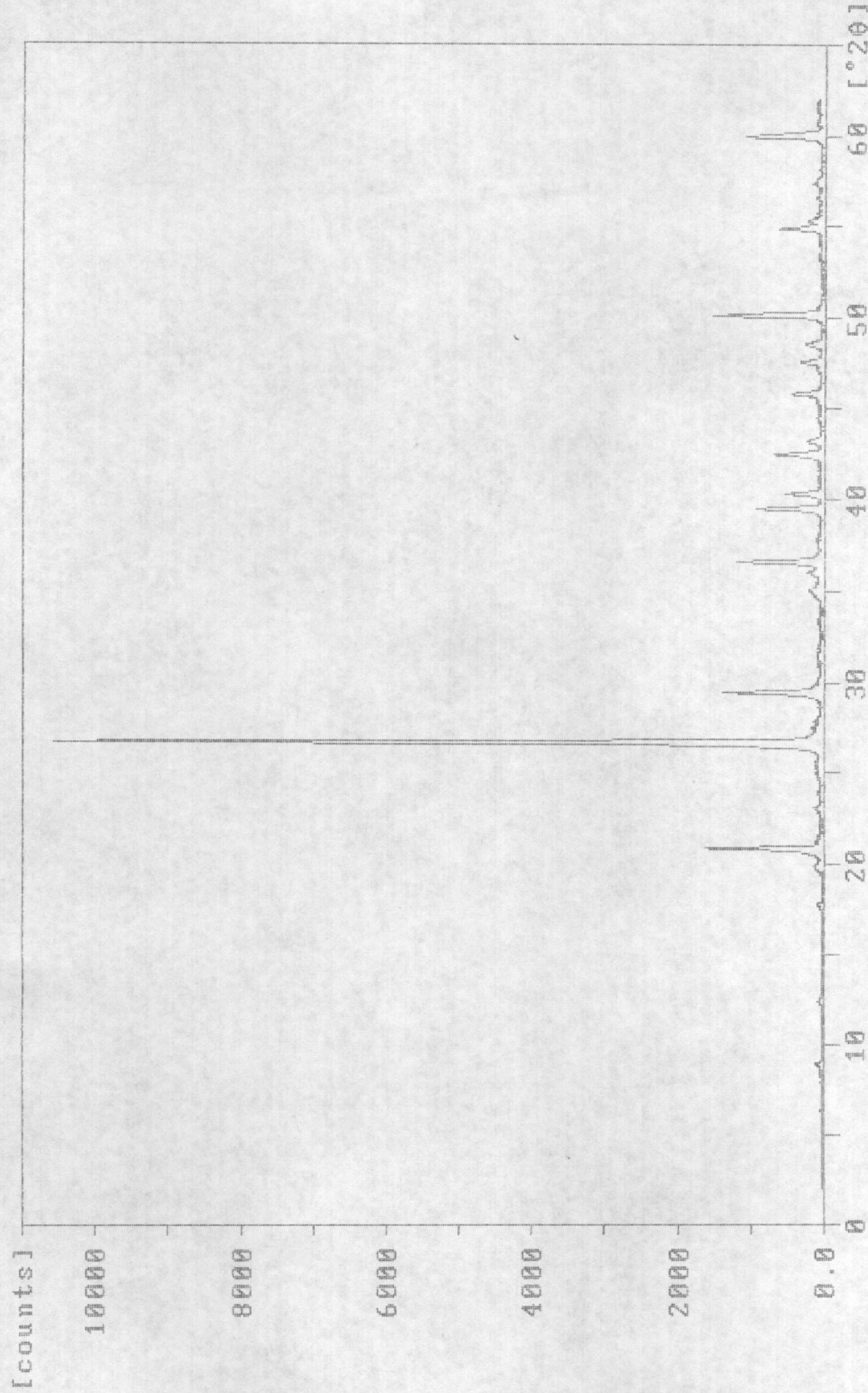
24-nov-1993 11:28



332-9A.RD

Sample identification: H-14-9 HE-0633

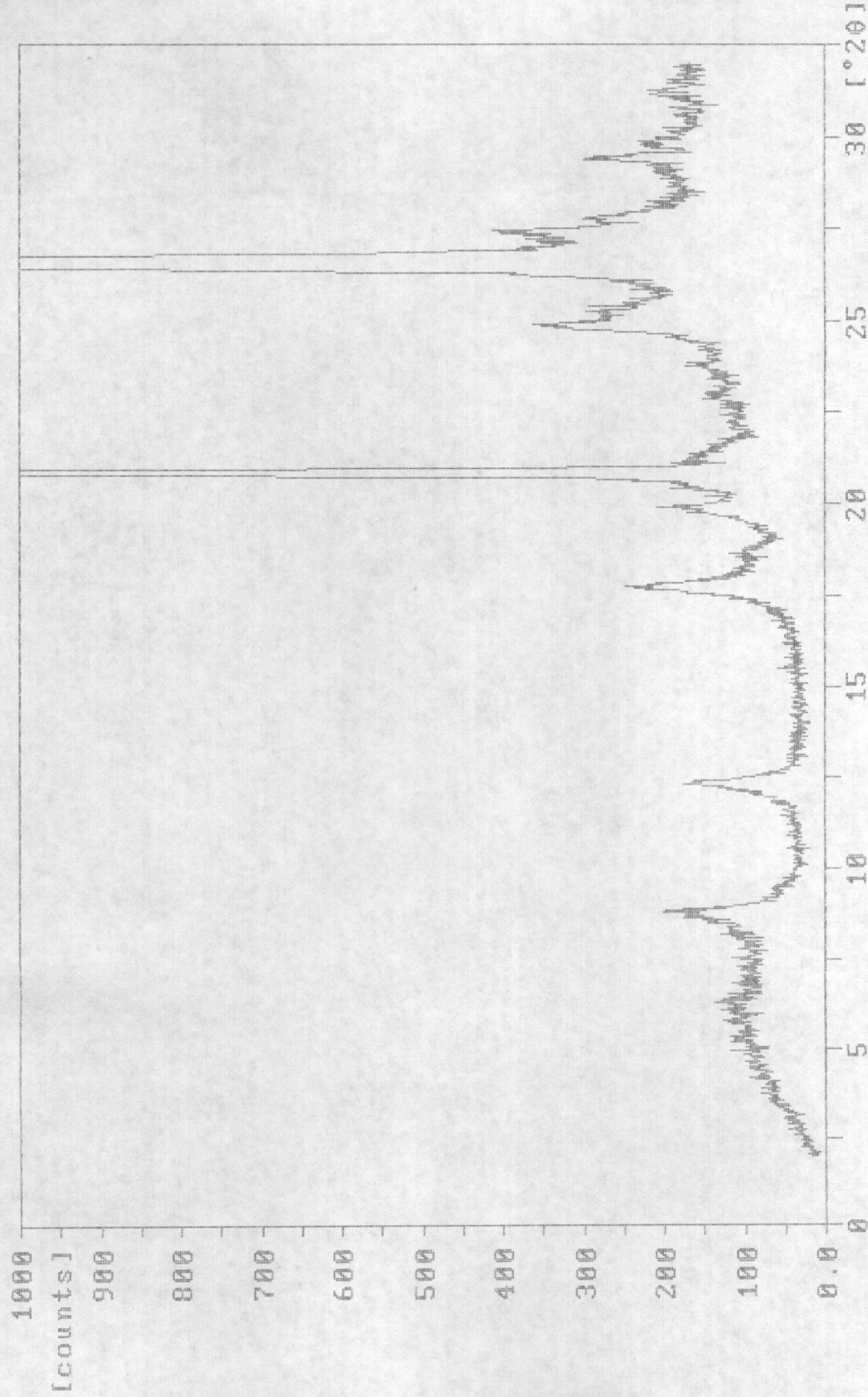
23-nov-1993 11:26



332-9.RD

Sample identification: H-14-9 HE-0632

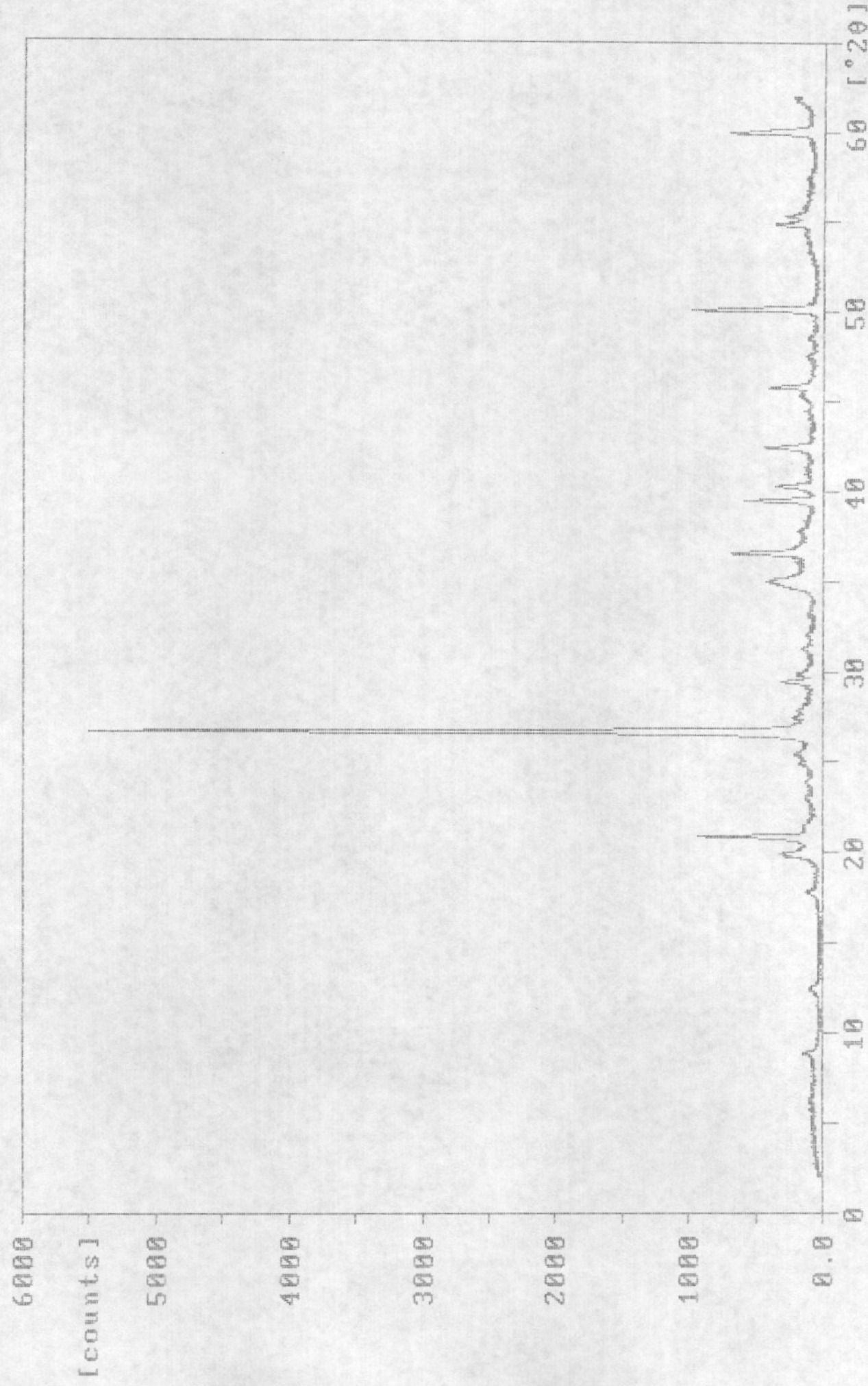
24-nov-1993 11:06



332-8A.RD

Sample identification: H-14-9 HE-0632

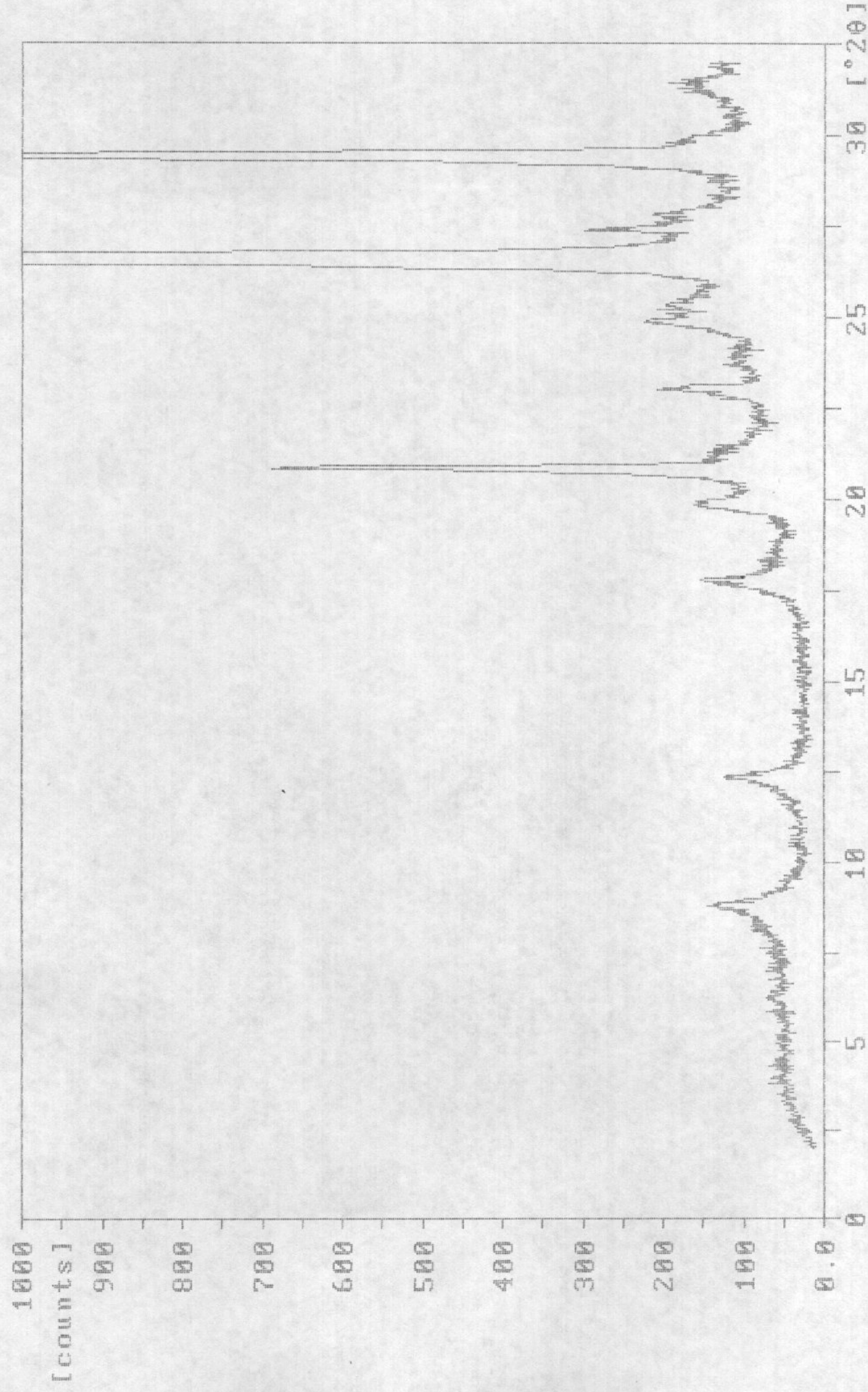
19-nov-1993 12:50



332-8.RD

Sample identification: H-14-9 HE-0629

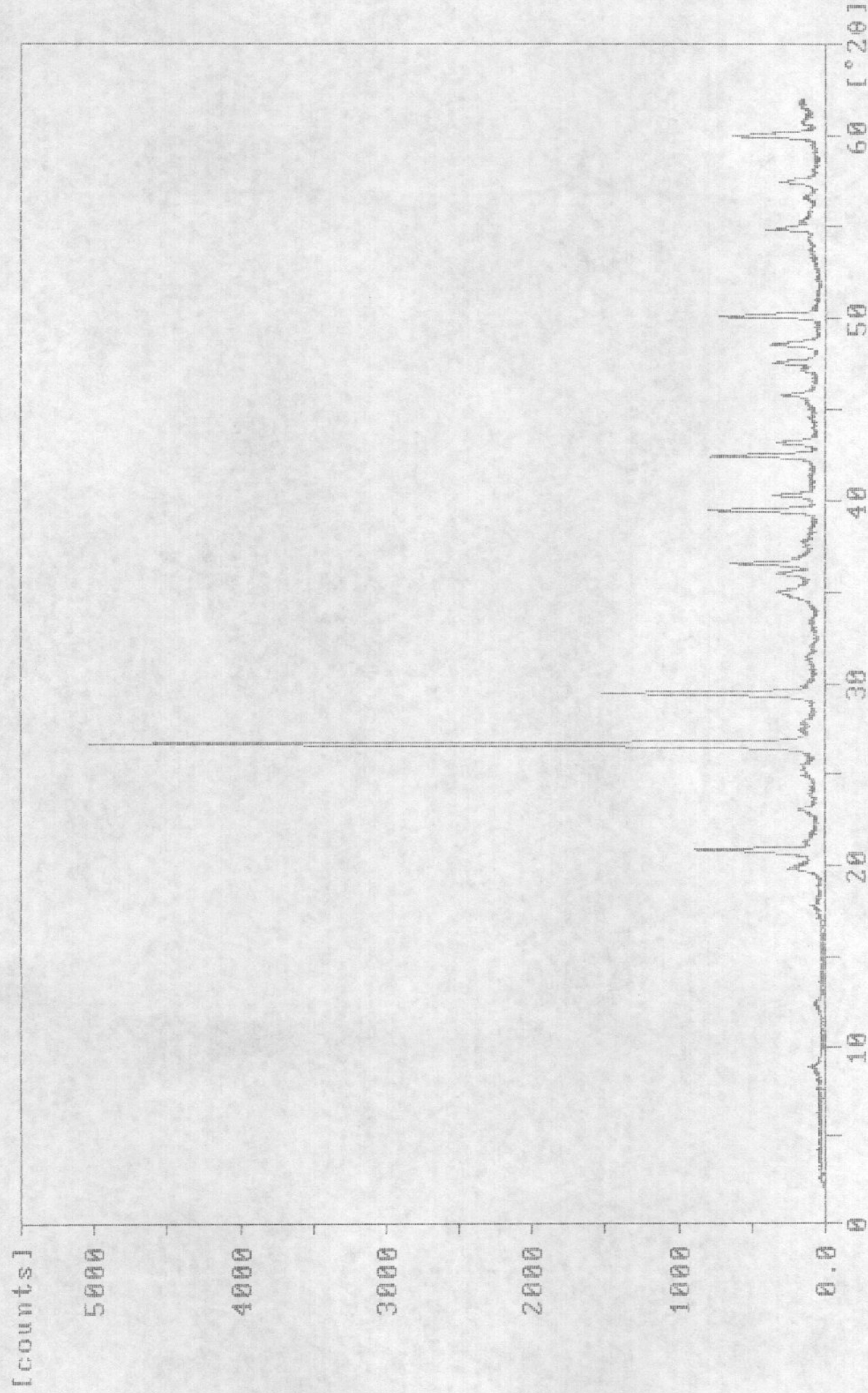
24-nov-1993 10:48



332-5A.RD

Sample identification: H-14--9 HE-0629

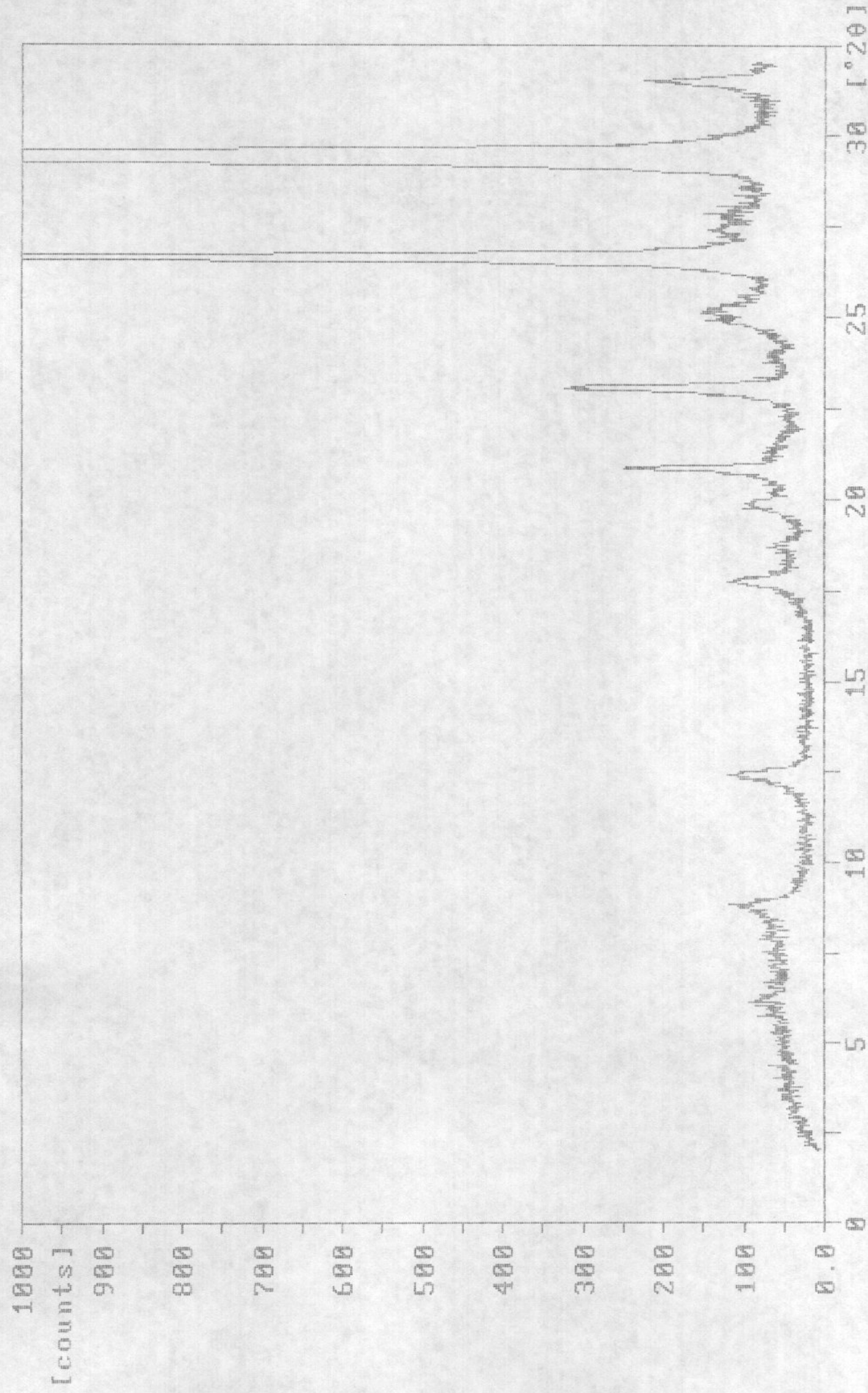
19-nov-1993 12:19



332-5.RD

Sample identification: H-14-9 HE-0628

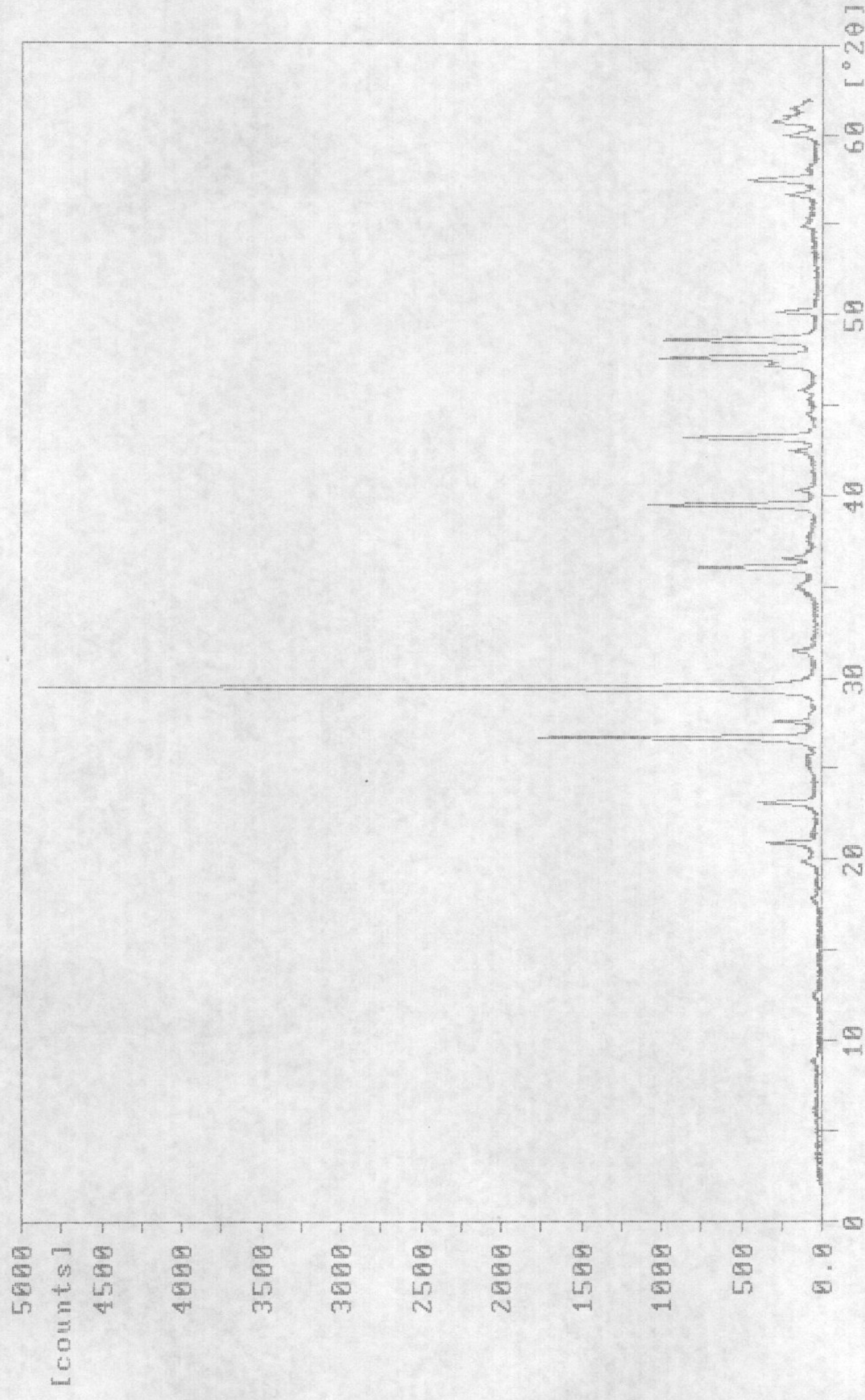
24-nov-1993 10:01



332-4A.RD

Sample identification: H-14-9 HE-0628

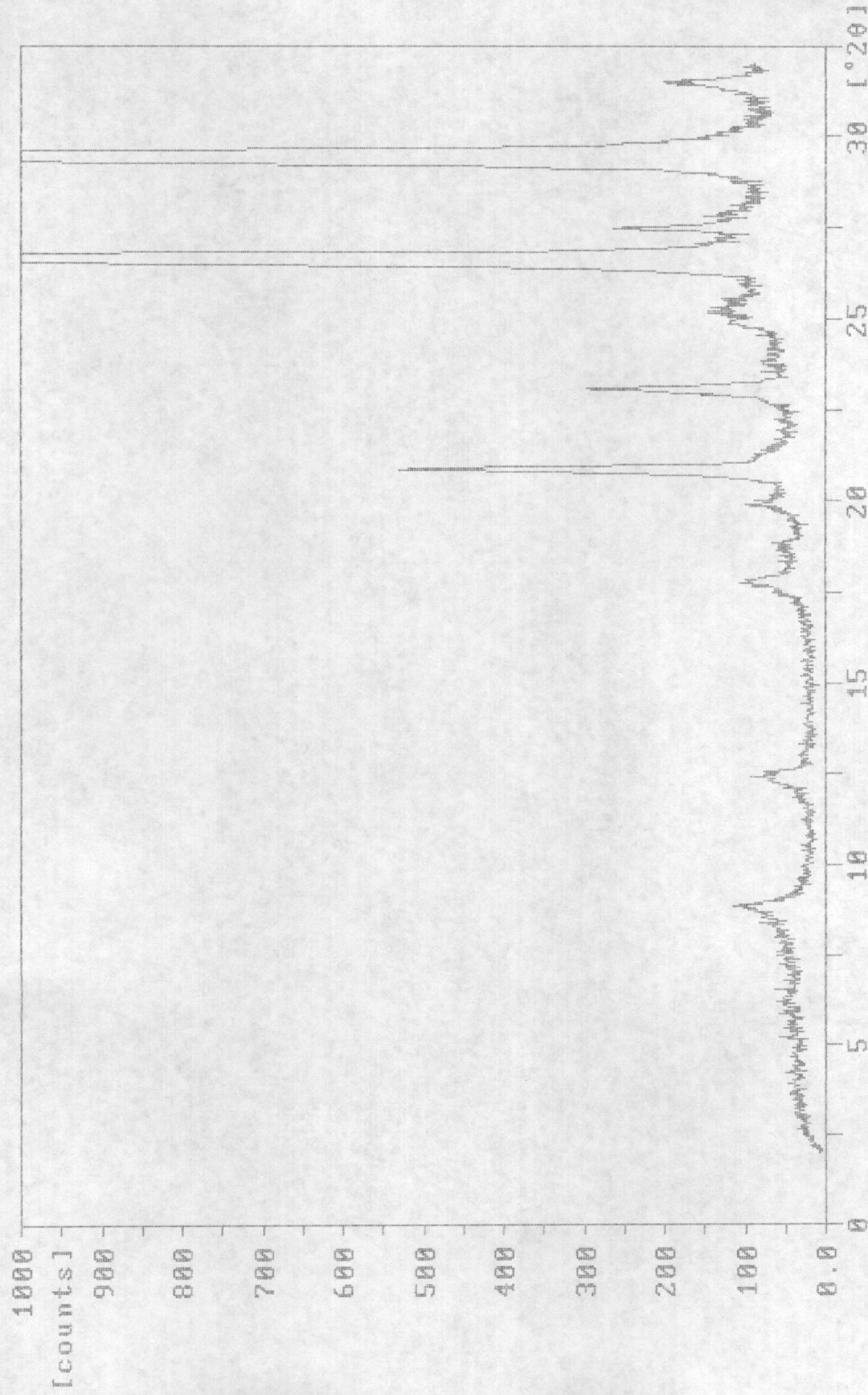
22-nov-1993 11:38



332-4.RD

Sample identification: H-14-9 HE-0627

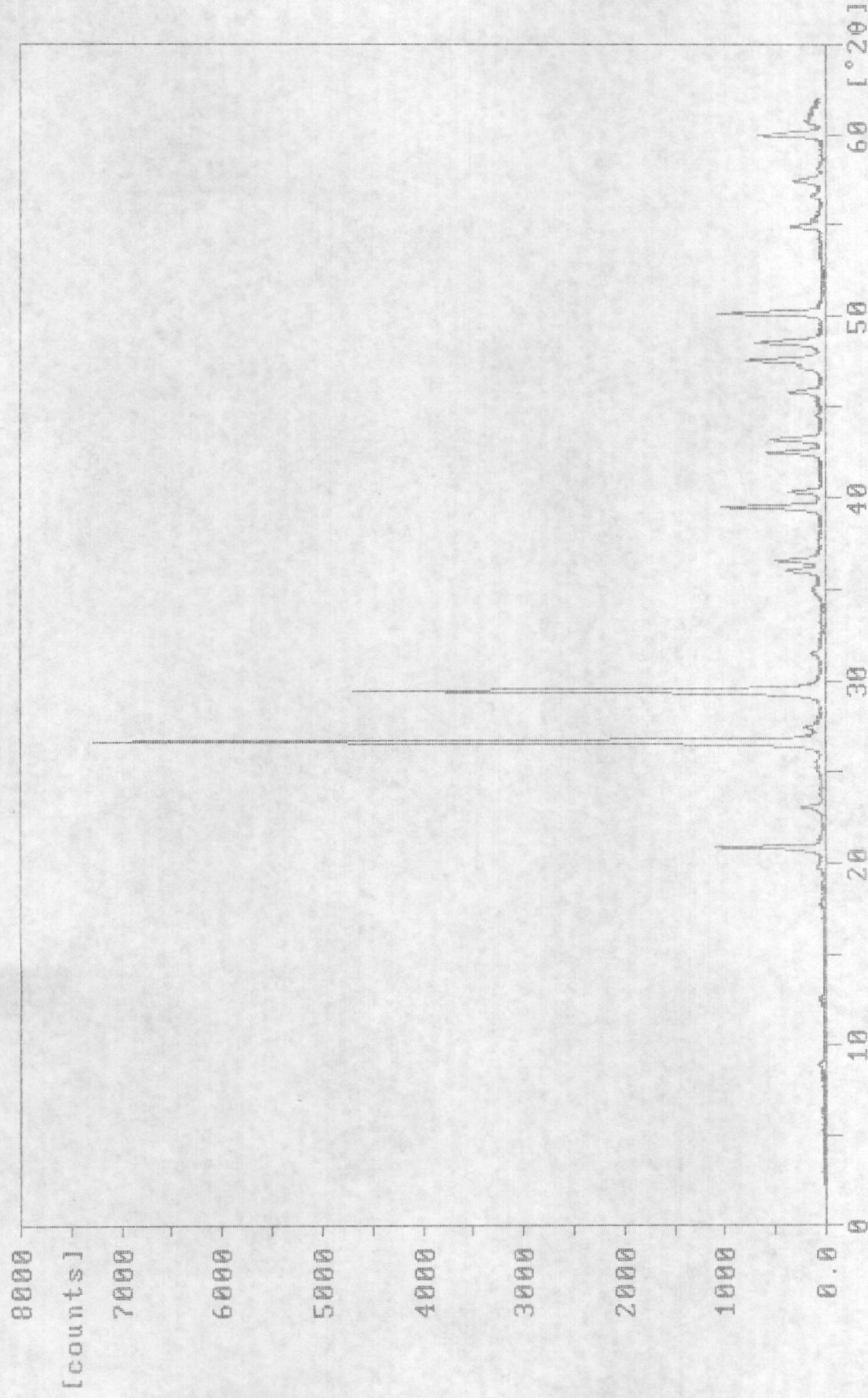
25-nov-1993 11:59



332-3A.RD

Sample identification: H-14-9 HE-0627

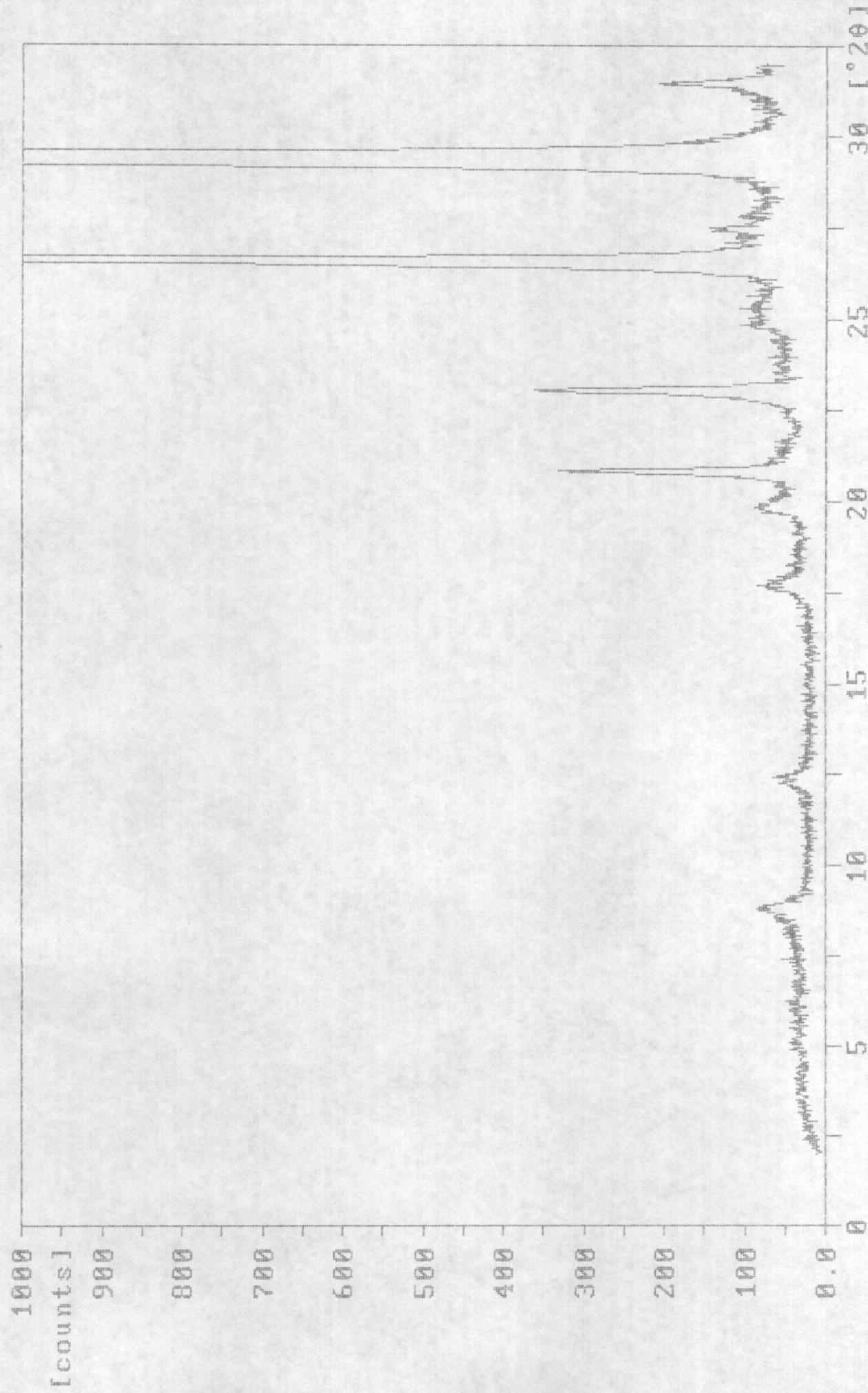
23-nov-1993 13:22



332-3.RD

Sample identification: H-14-9 HE-0626

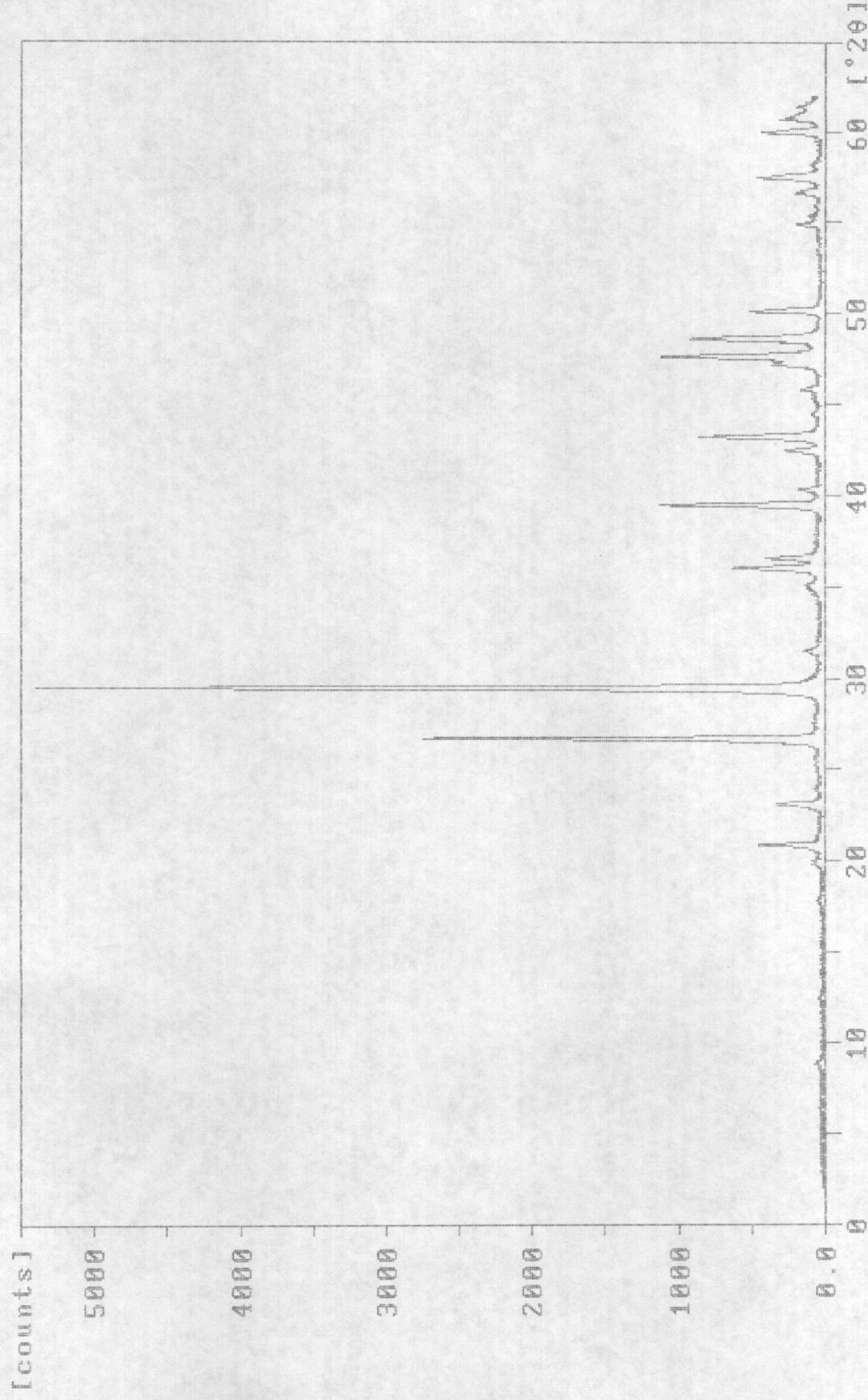
24-nov-1993 9:38



33Z-2A.RD

Sample identification: H14-9 HE-0626

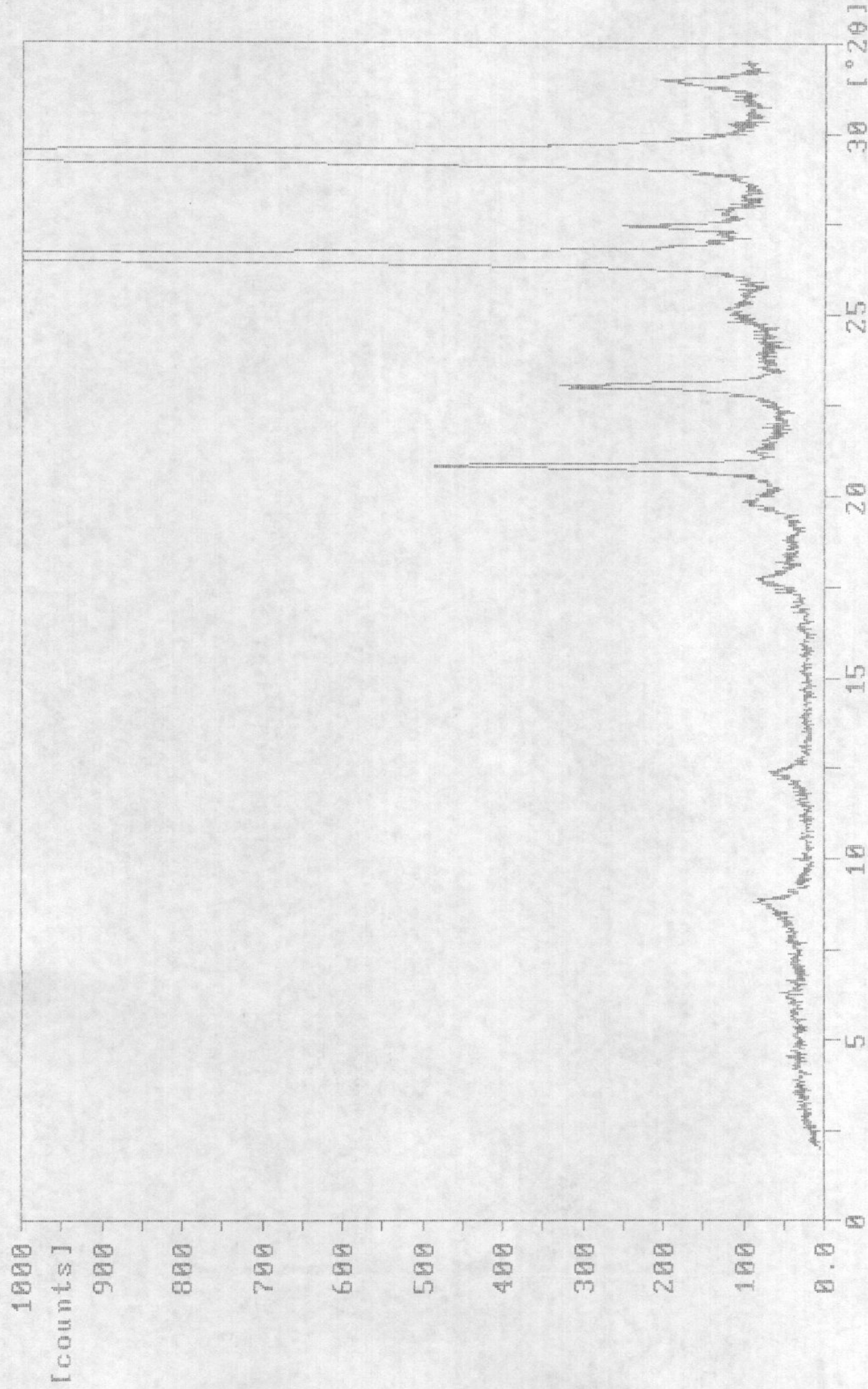
22-nov-1993 12:39



332-2.RD

Sample identification: H-14-9 HE-0625

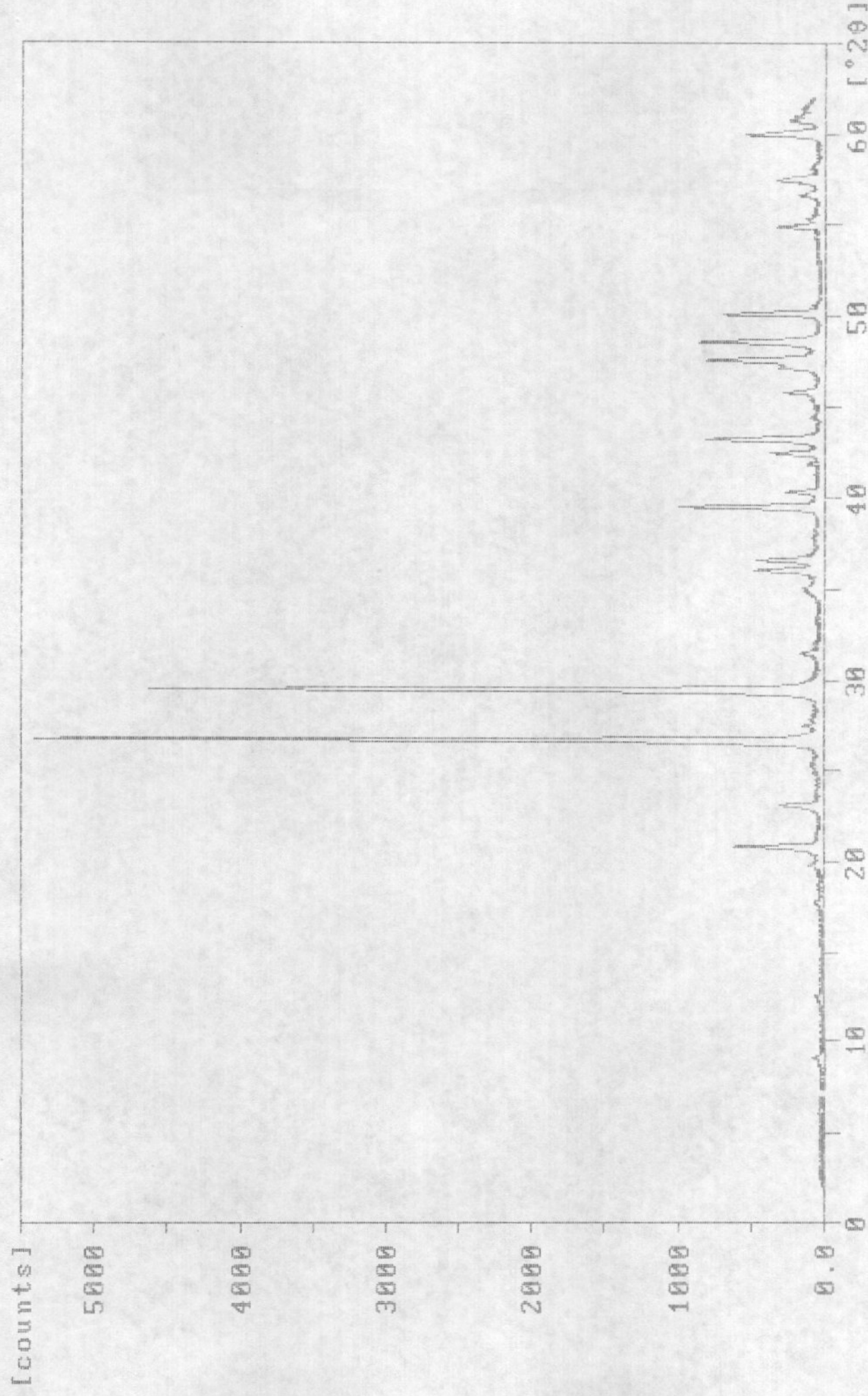
24-nov-1993 9:22



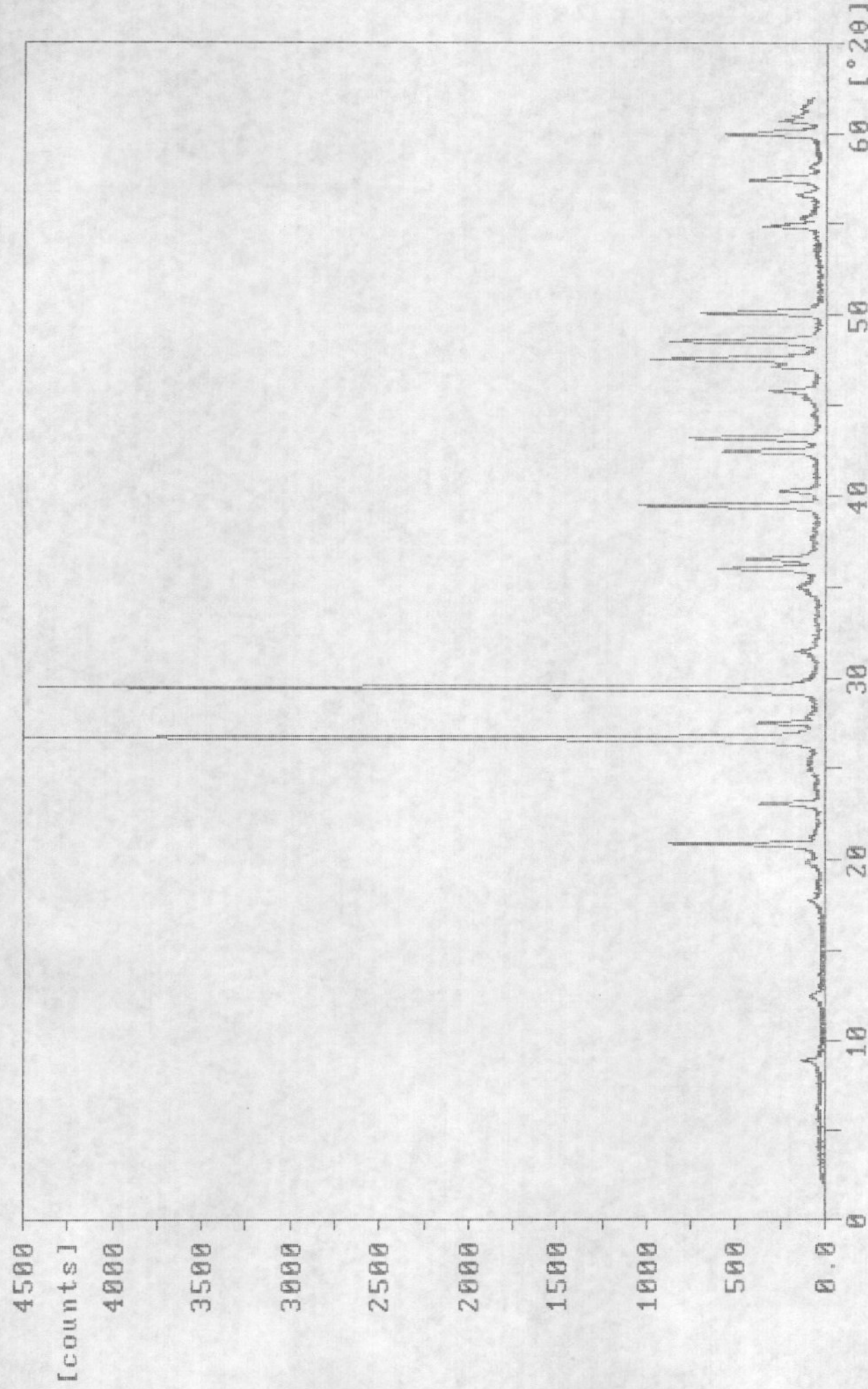
332-1A.RD

Sample identification: H-14-9 HE-0625

19-nov-1993 13:23

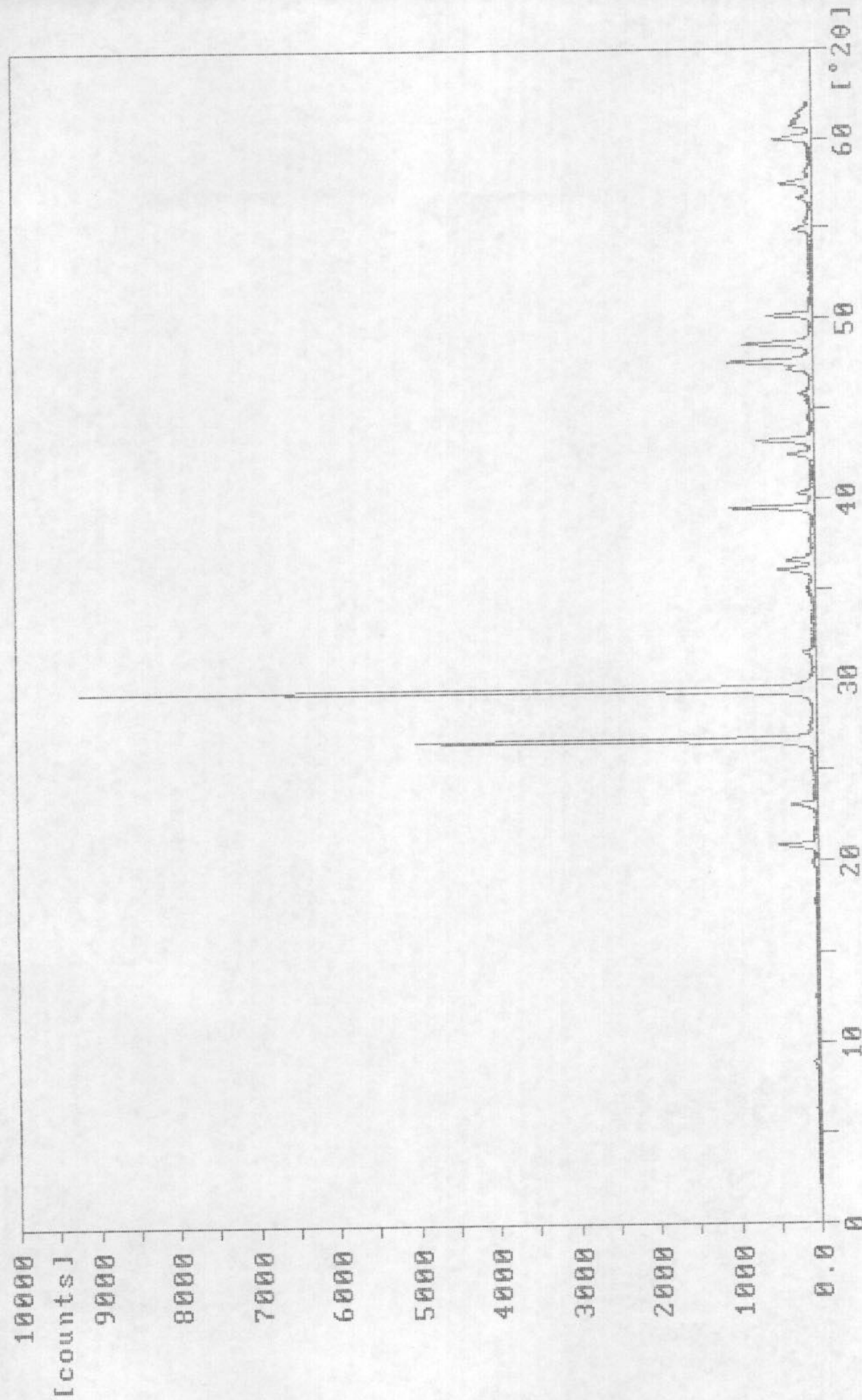


332-1.RD



21-apr-1993 12:07

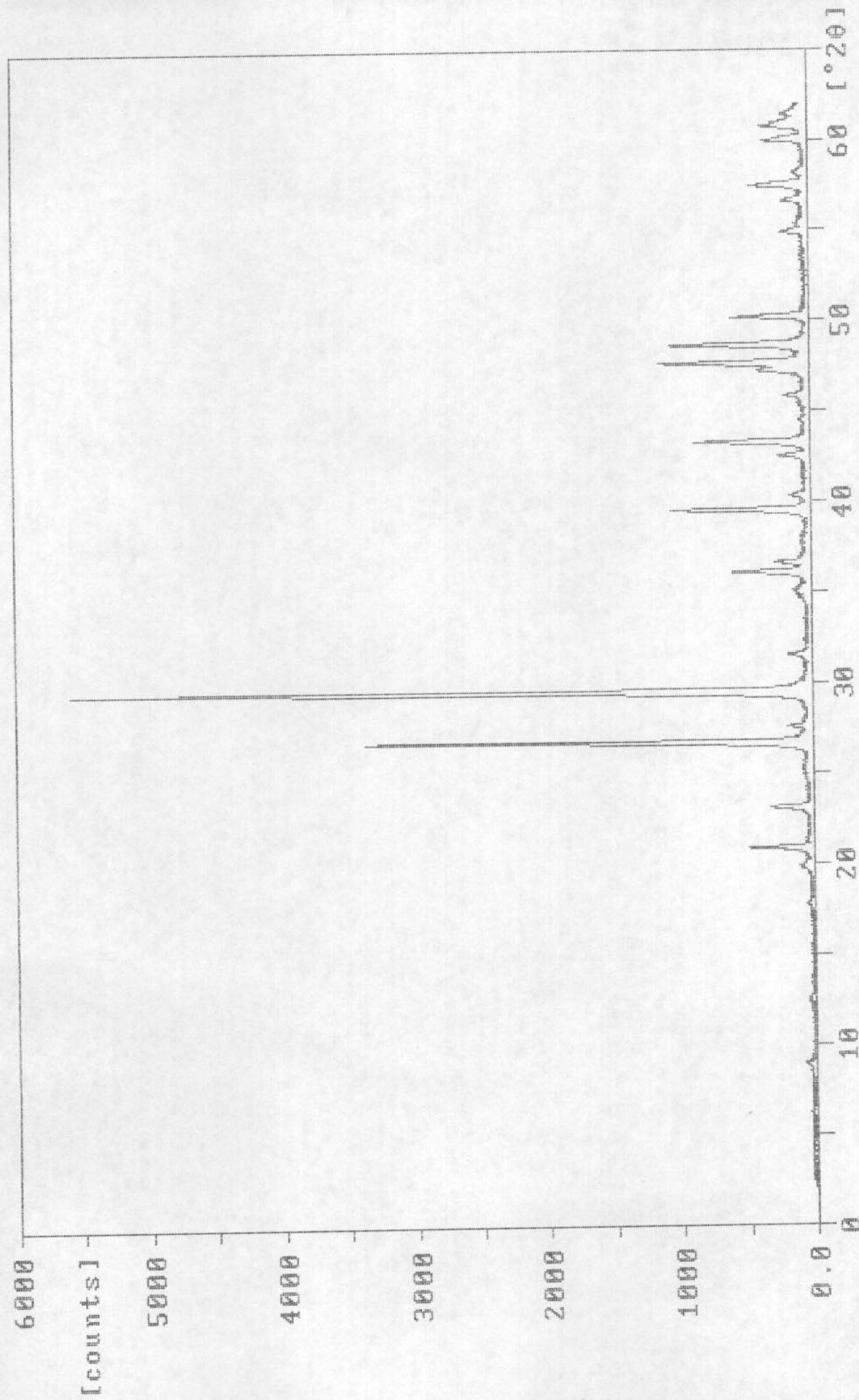
Sample identification: H0JA-14-9 HE-0620



000-35.RD

21-apr-1993 11:37

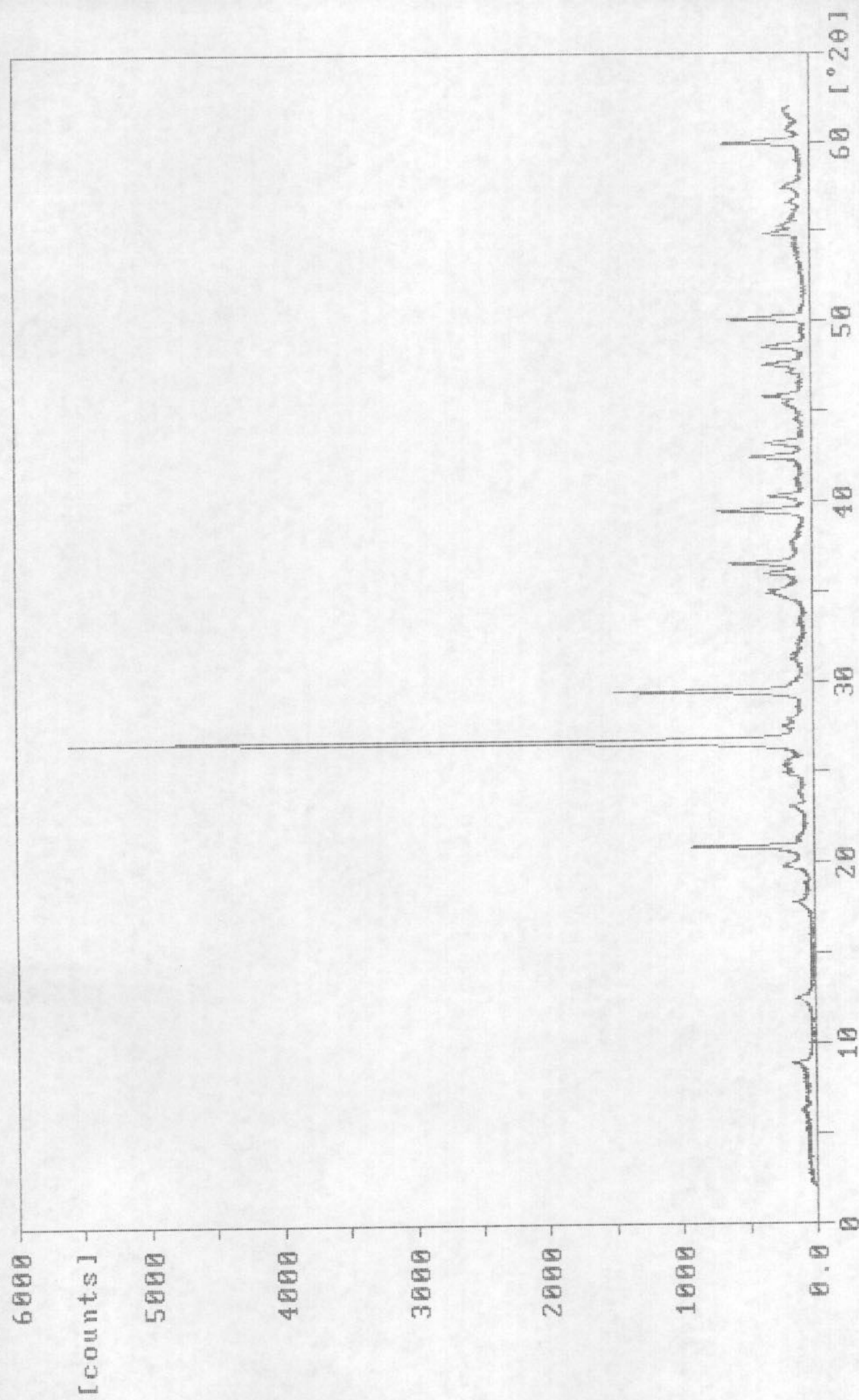
Sample identification: H0JA-14-9 HE-0619



000-34.RD

21-apr-1993 11:08

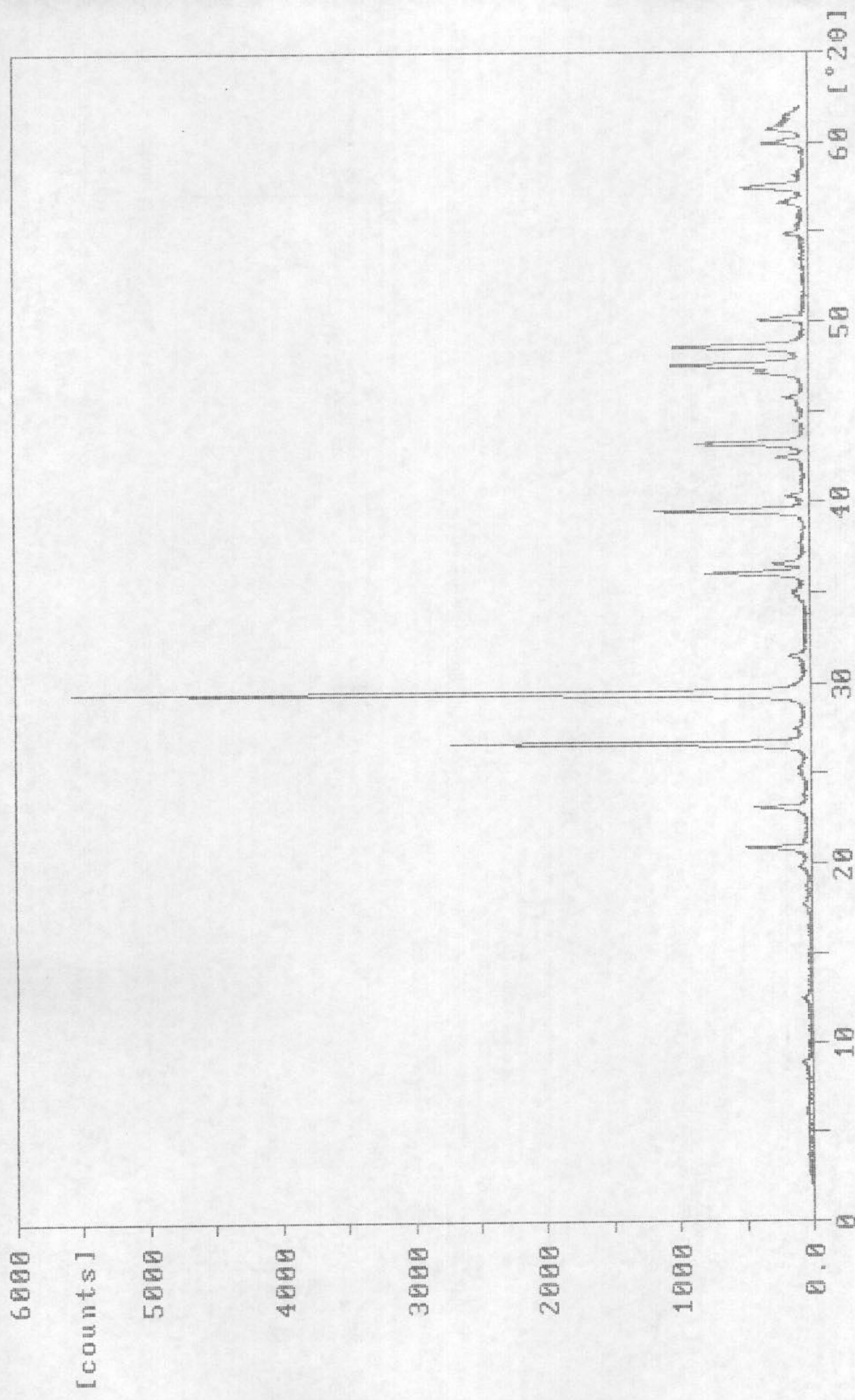
Sample identification: HOJA-14-9 HE-0618



000-33.RD

Sample identification: H0JA-14-9 HE-0617

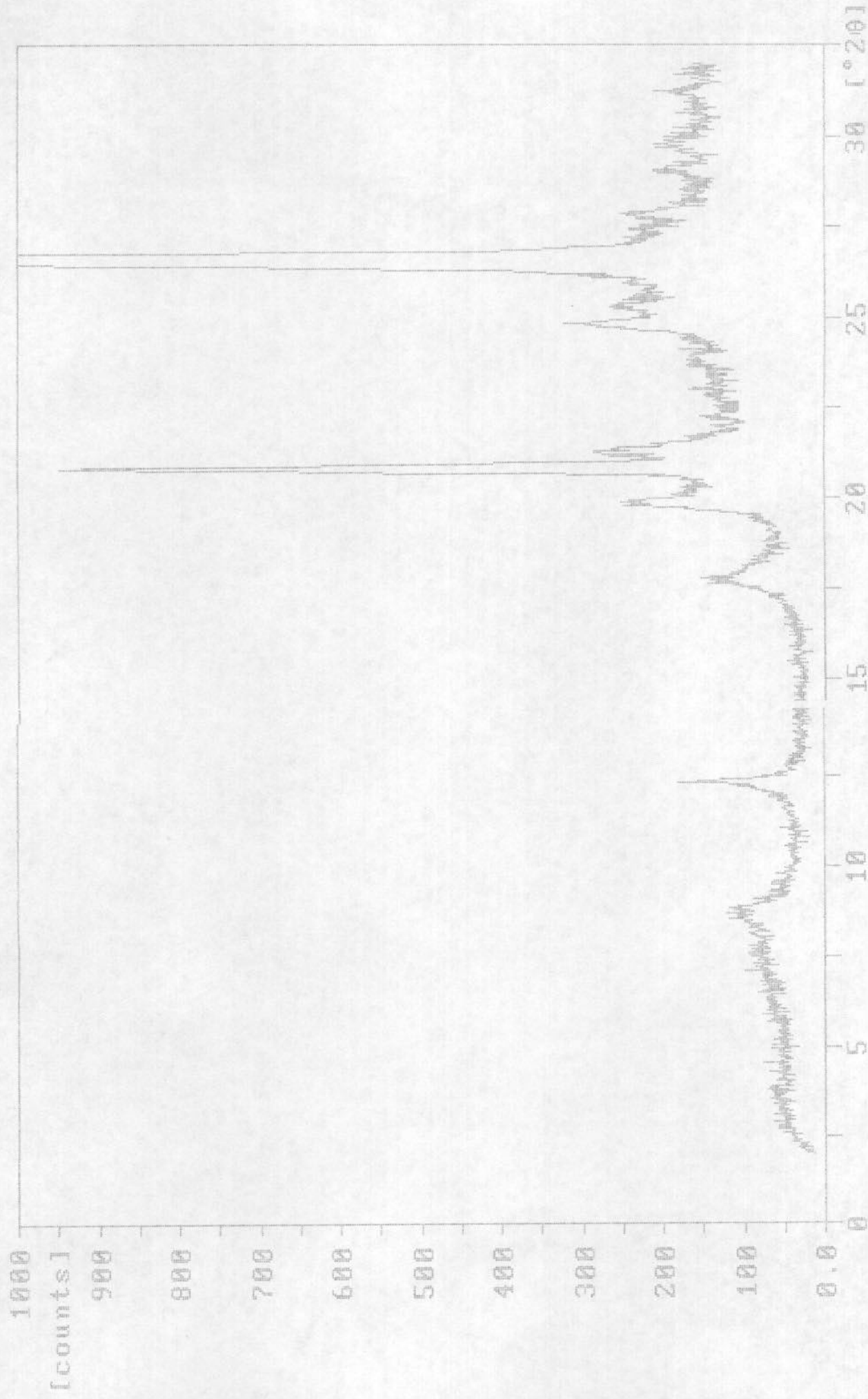
21-apr-1993 10:38



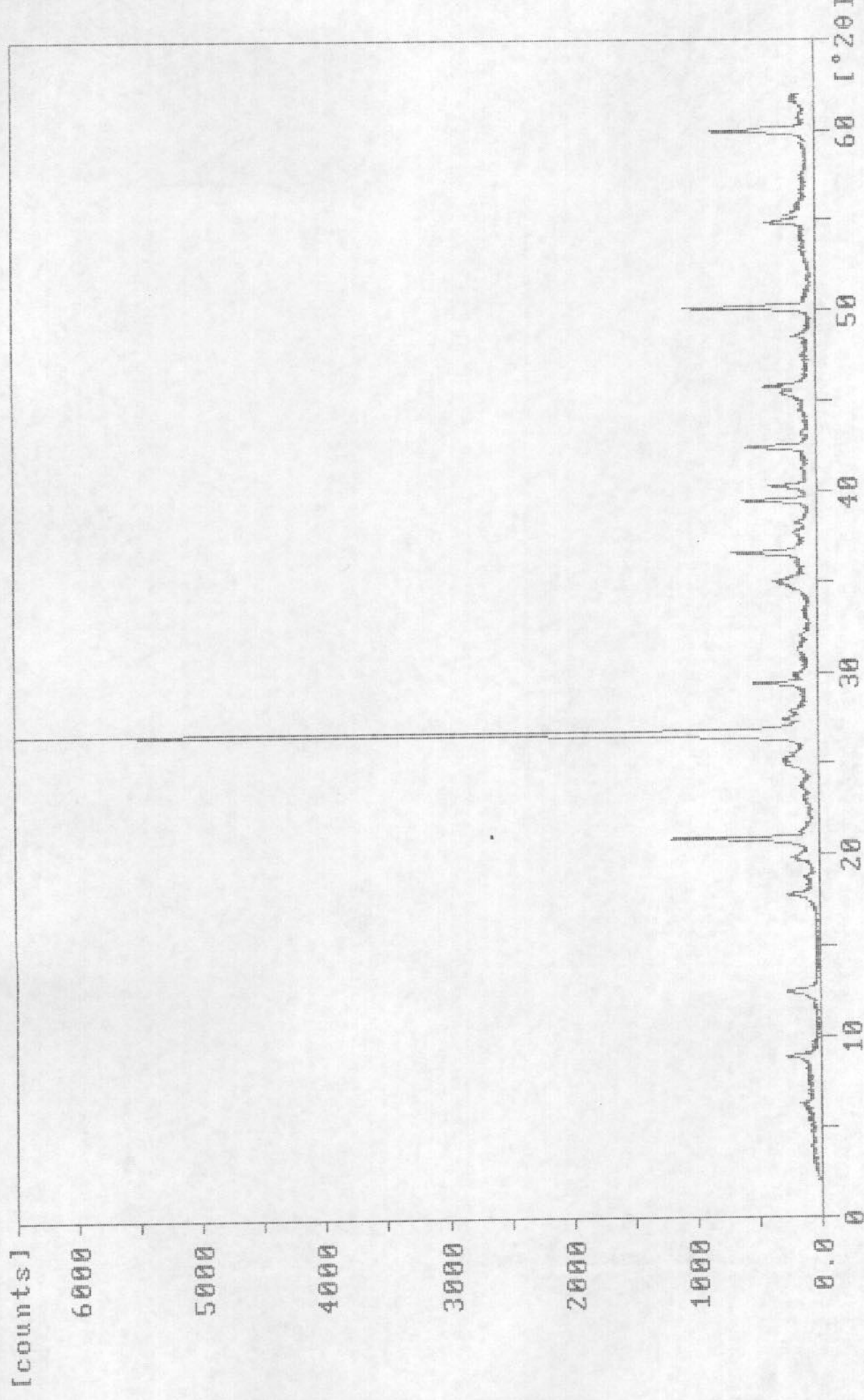
000-32.RD

Sample identification: H163(15-9)HE-0616 A

23-sep-1993 15:36

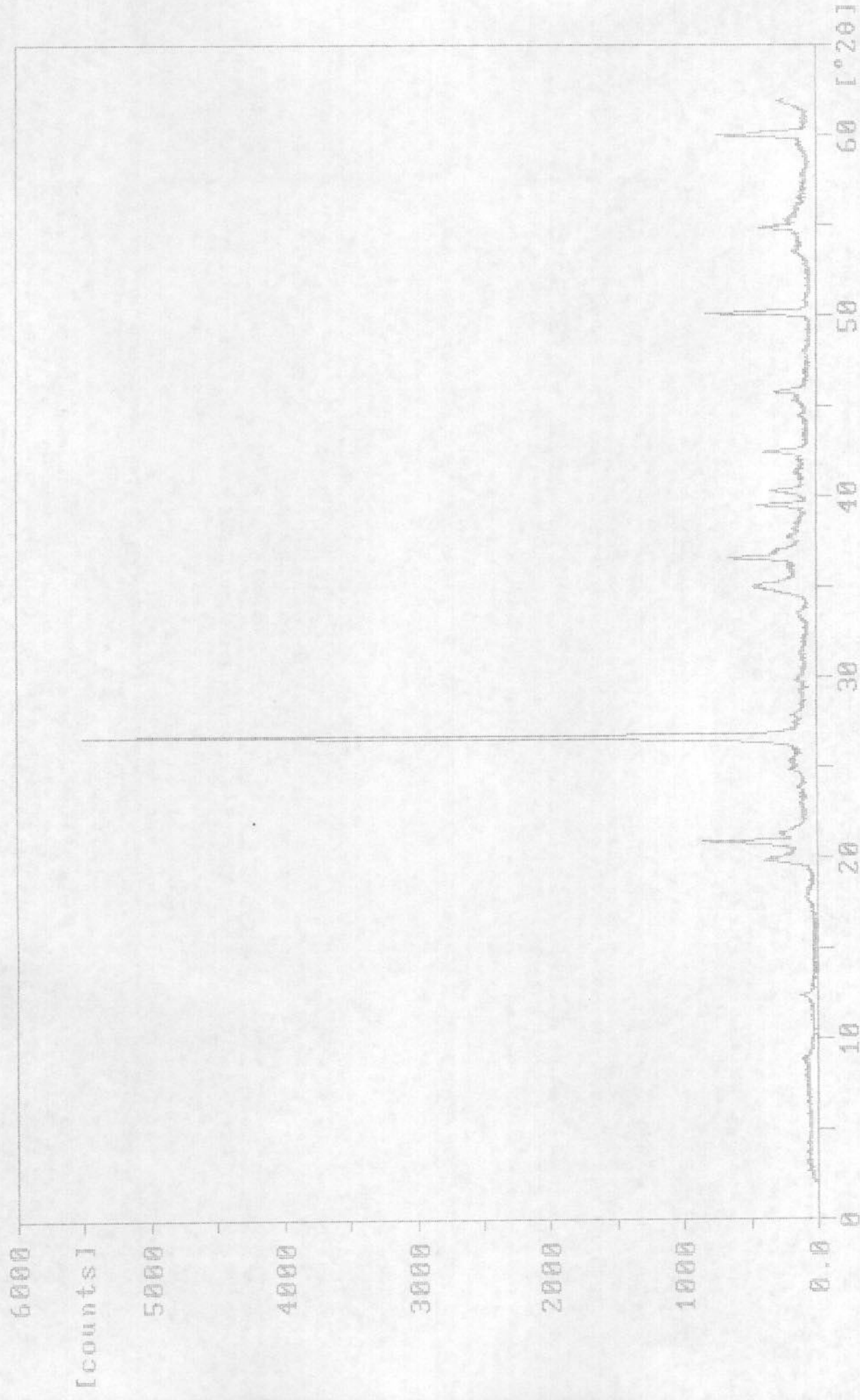


188-84A.RD



Sample identification: H163(15-9)HE-0616

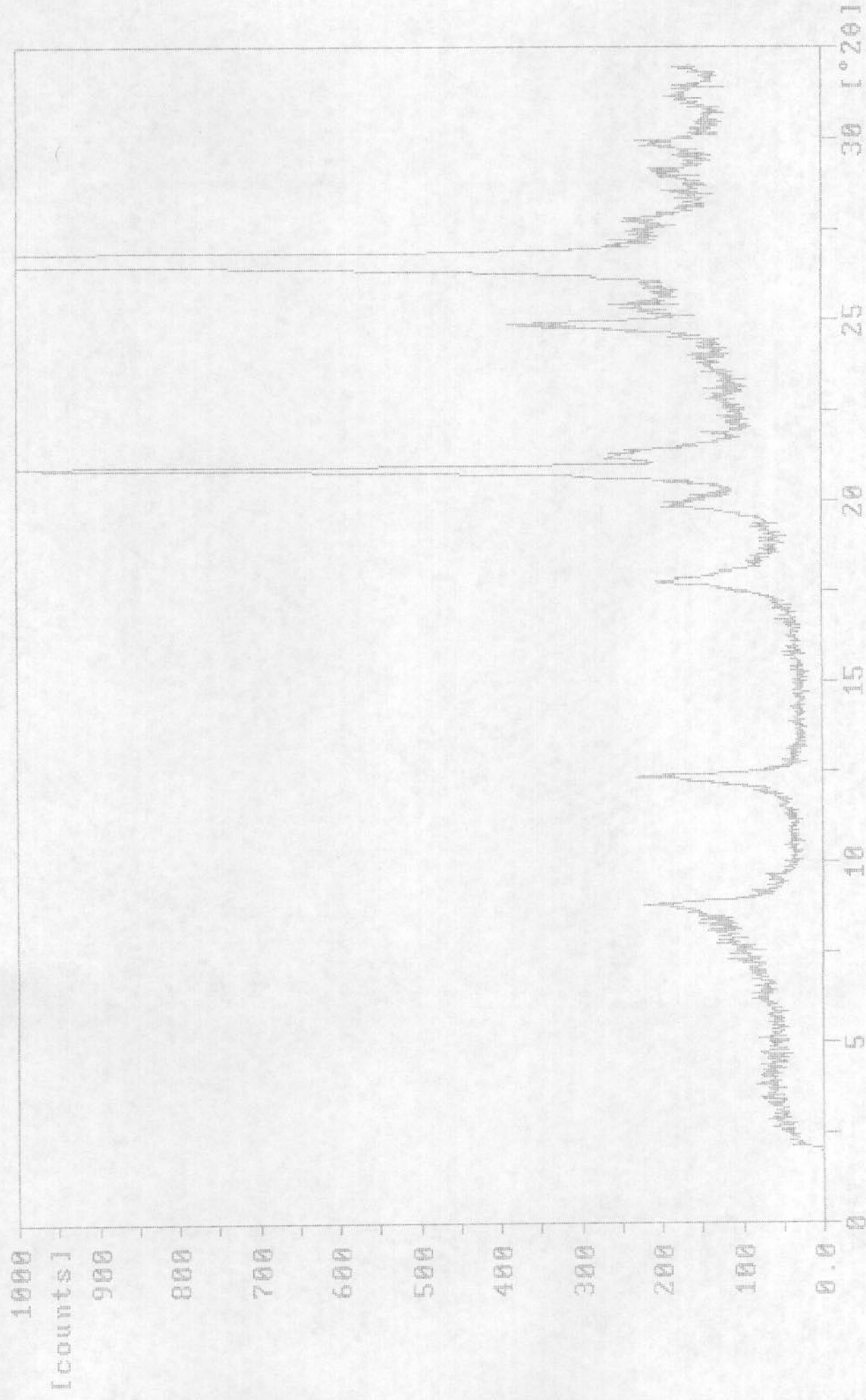
23-sep-1993 14:11



188-84.RD

Sample identification: H163(15-9)HE-0615 A

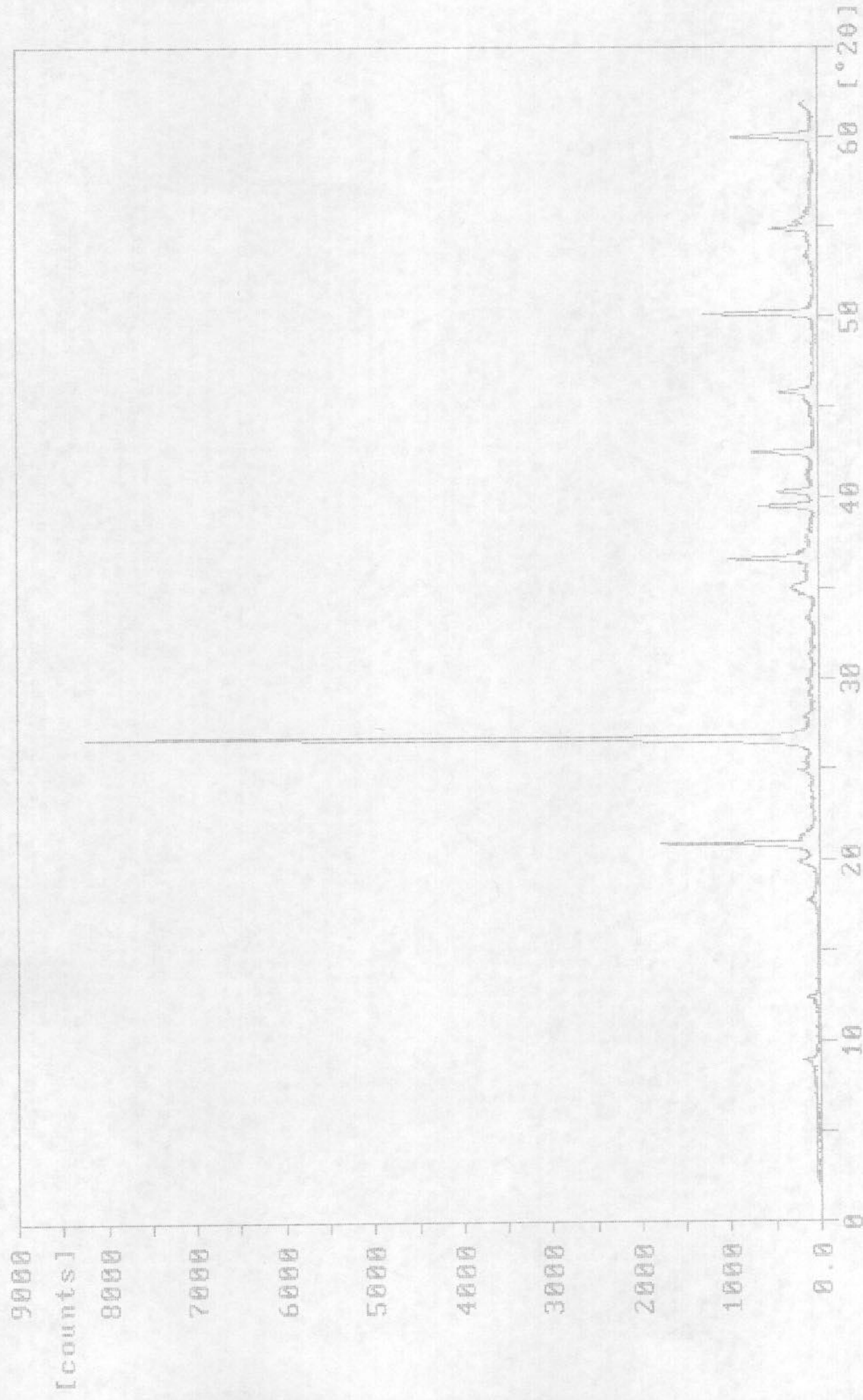
23-sep-1993 12:53



188-83A.RD

Sample identification: H163(15-9)HE-0615

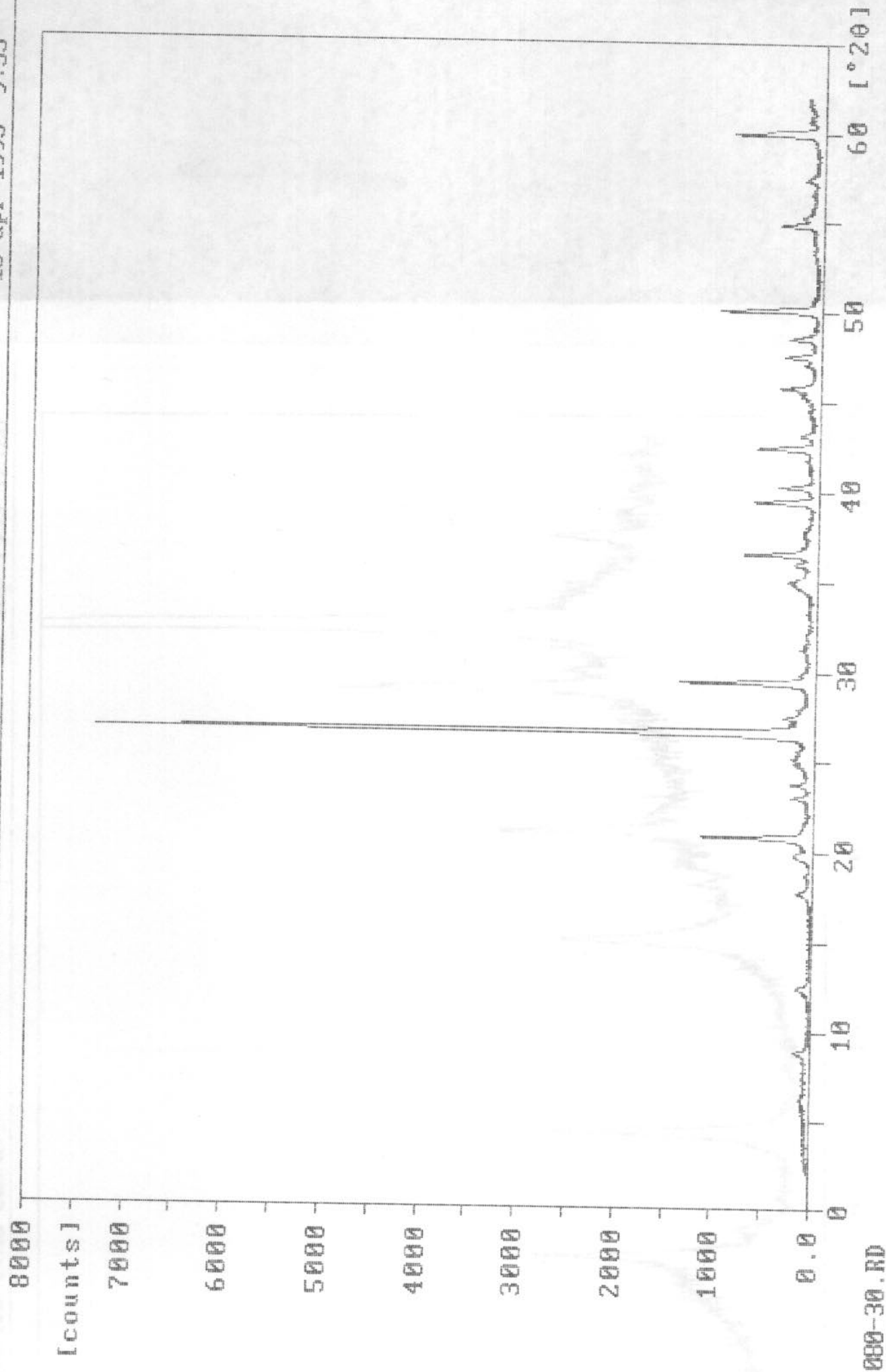
21-sep-1993 12:17



188-83.RD

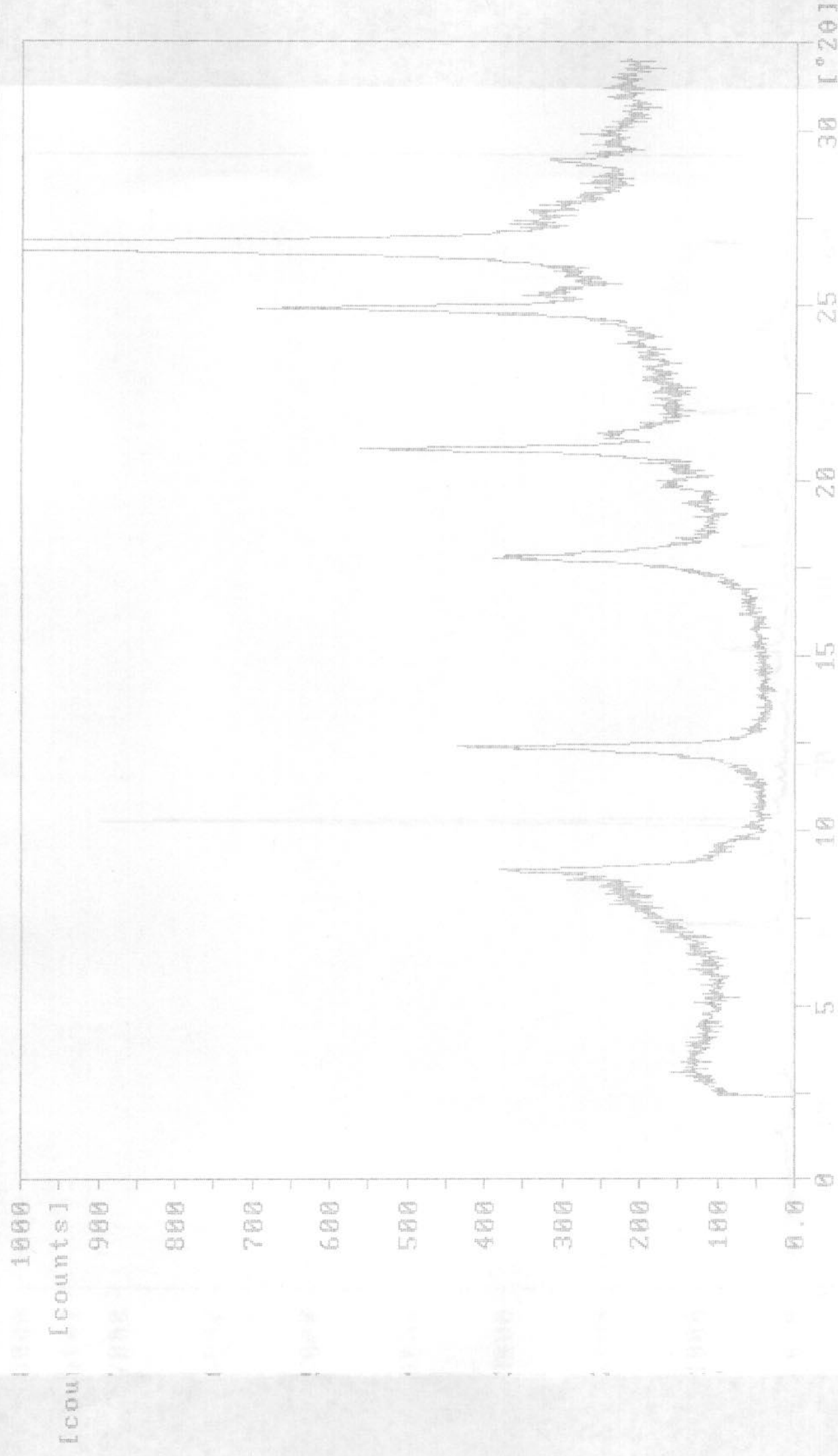
Sample identification: H0JA-14-9 HE-0615

15-apr-1993 9:35



Sample identification: H163(15-9)HE-0613 A

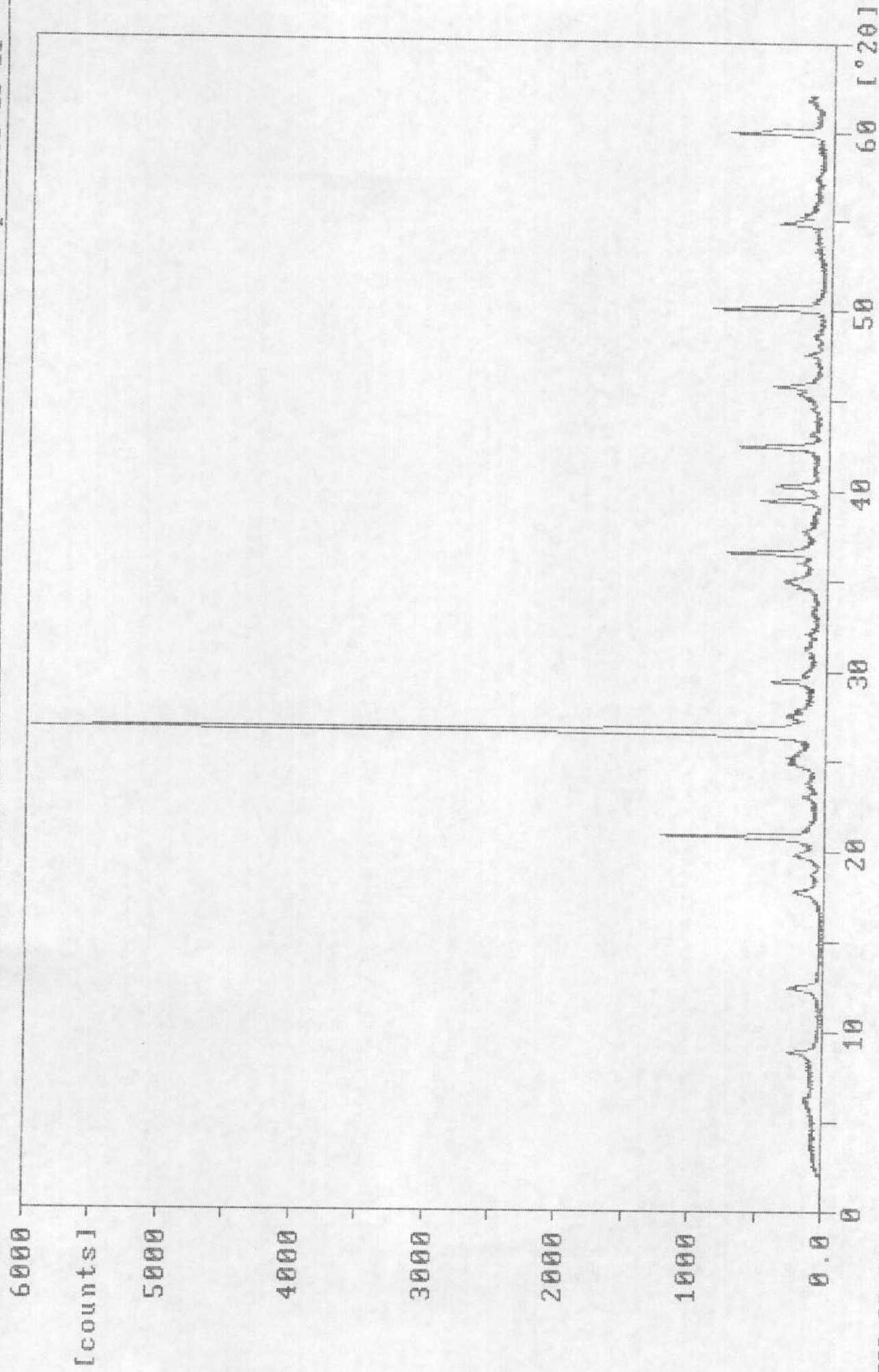
21-sep-1993 11:53



188-8 188-81A.RD

Sample identification: HOJA-14-9 HE-0613

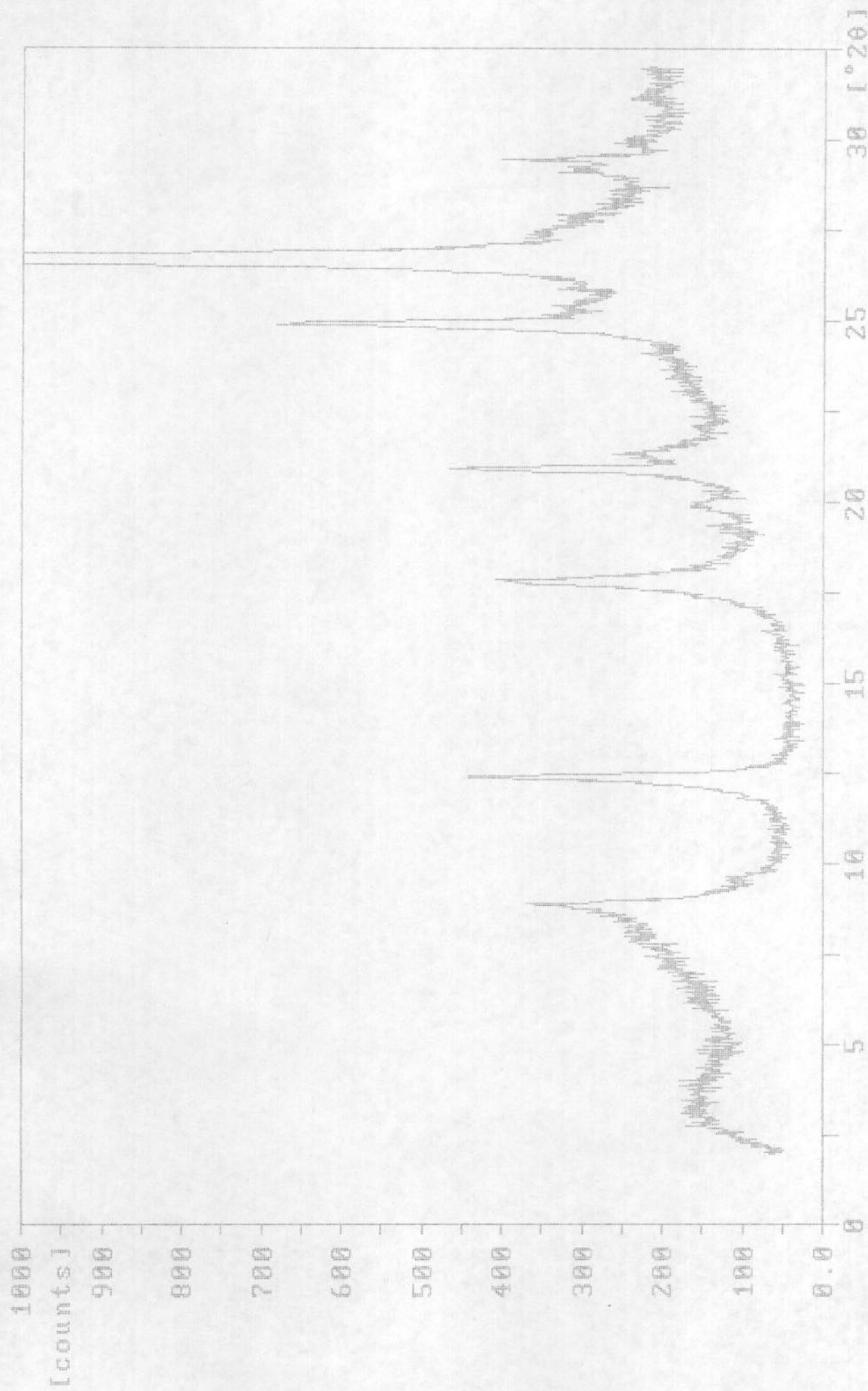
15-apr-1993 10:11



000-28.RD

Sample identification: H163(15-9)HE-0612 A

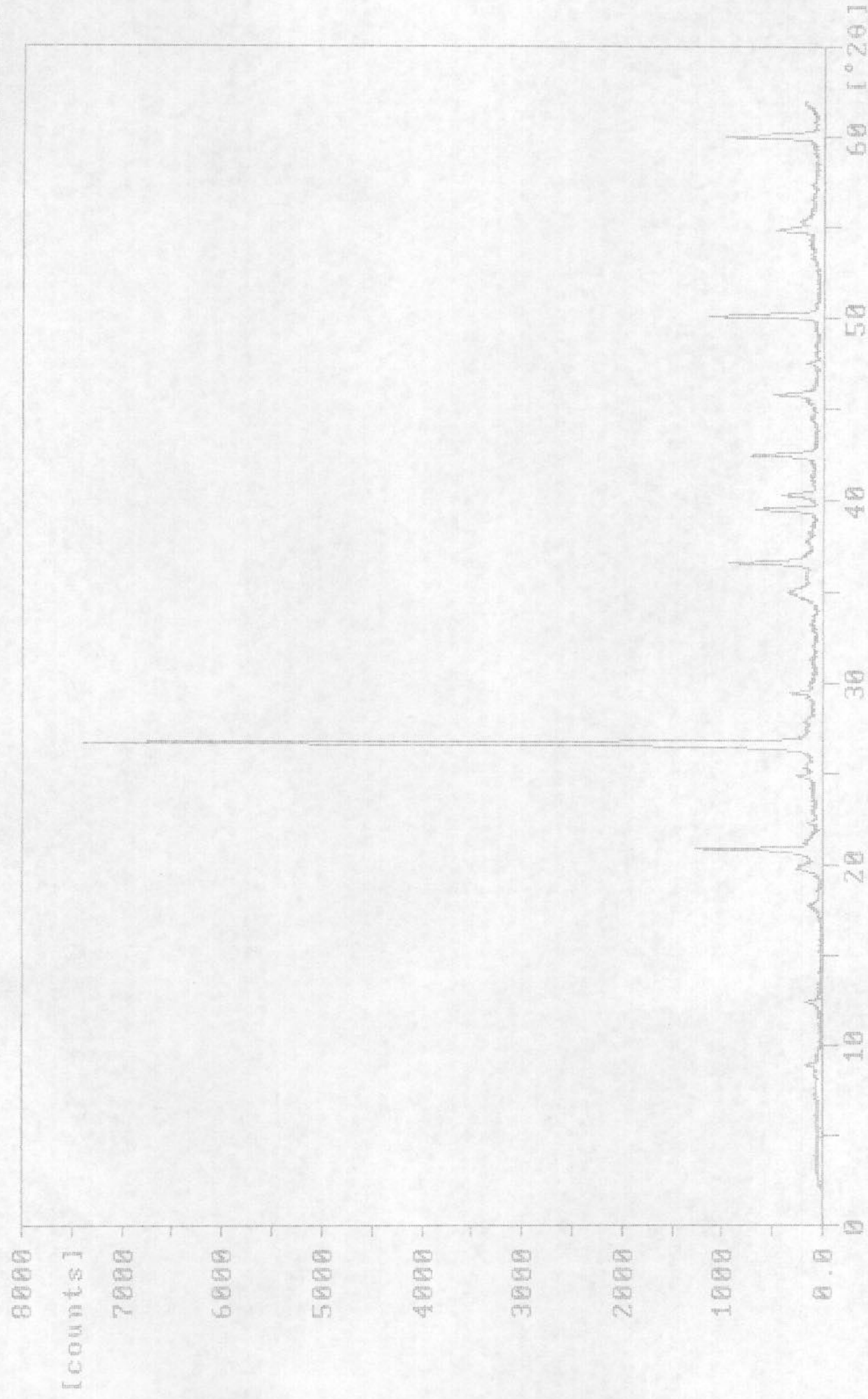
23-sep-1993 10:26



188-80A.RD

Sample identification: H163(15-9)HE-0612

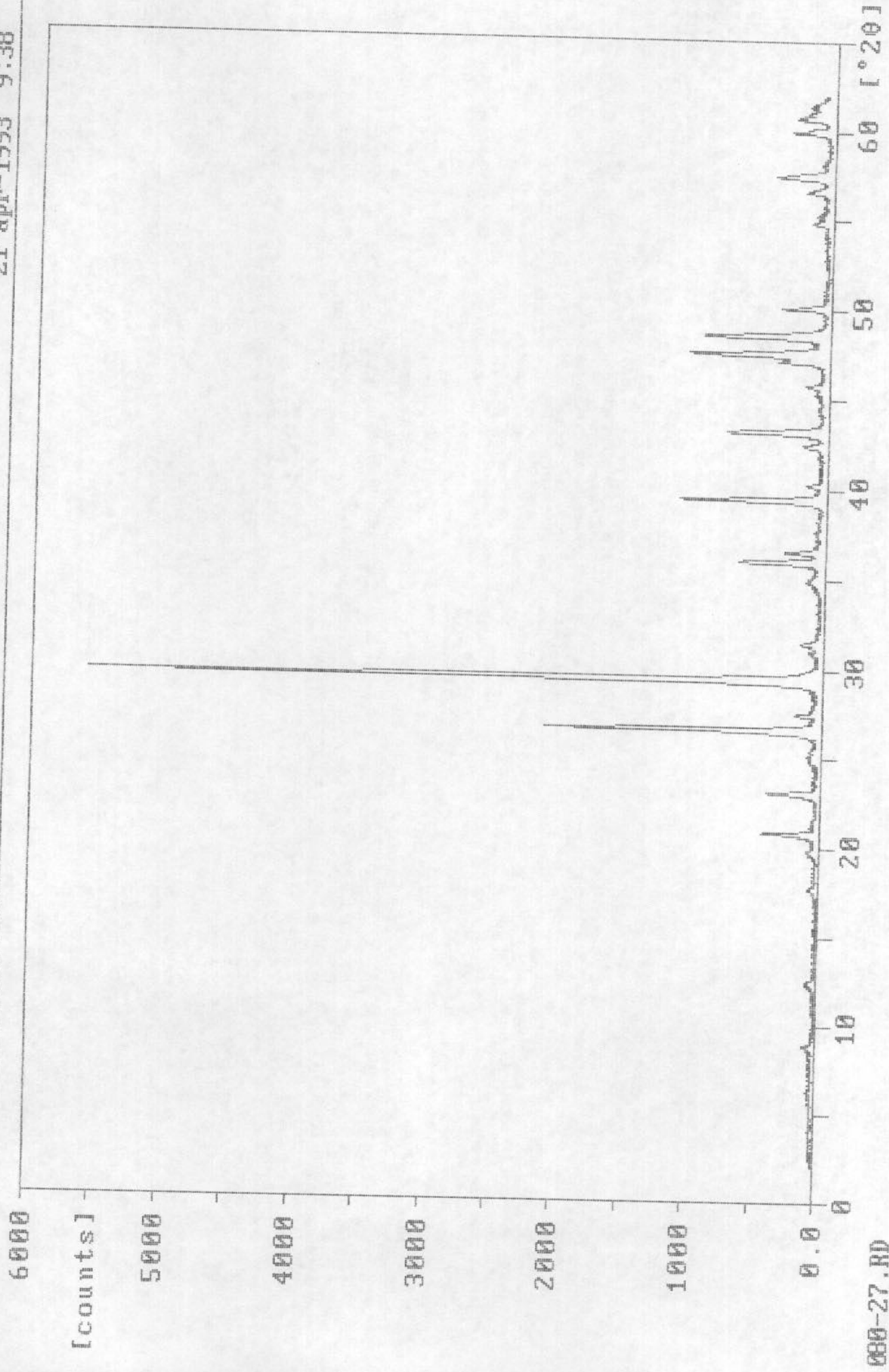
21-sep-1993 10:44



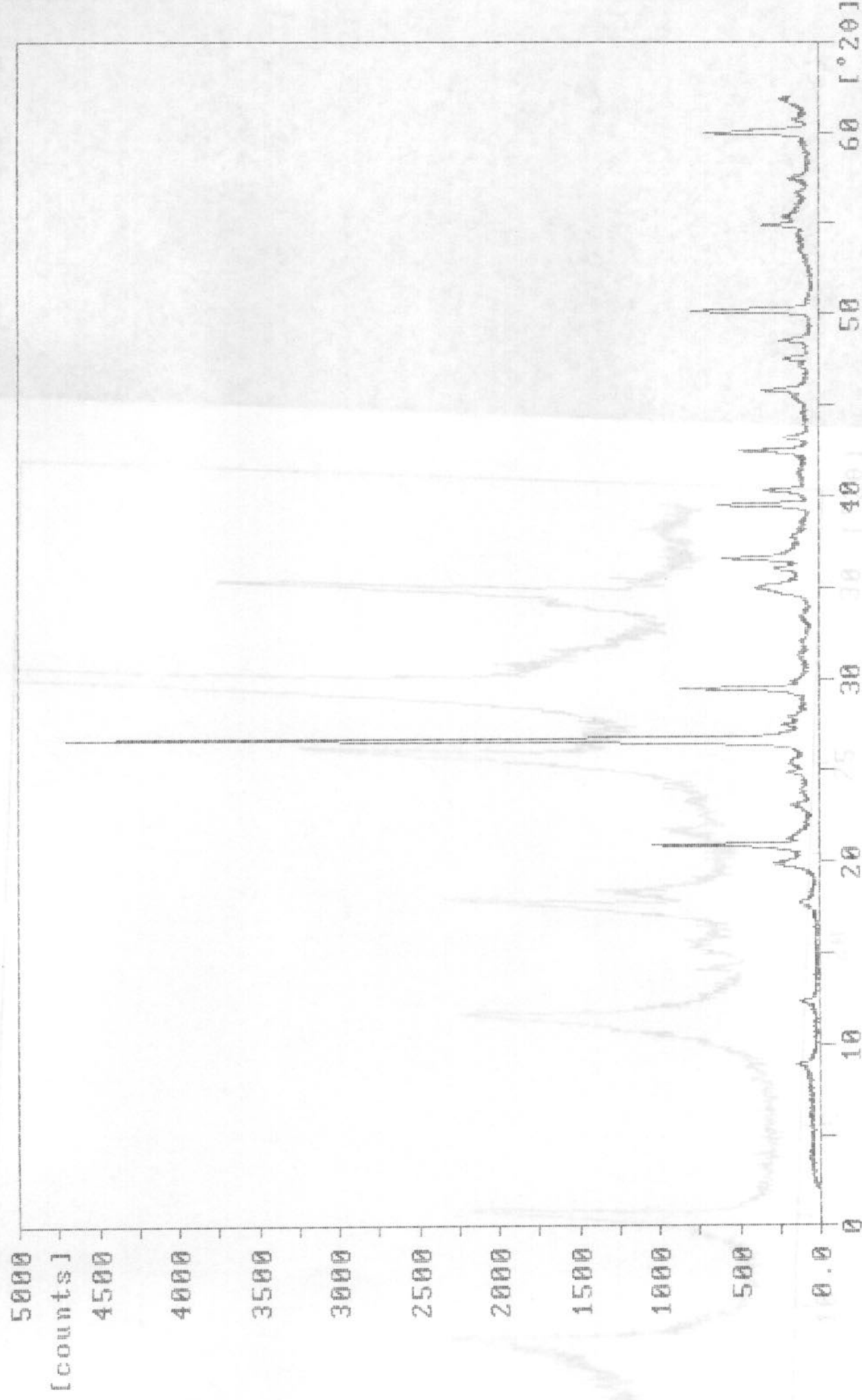
188-00.RD

Sample identification: HOJA-14-9 HE-0612

21-apr-1993 9:38

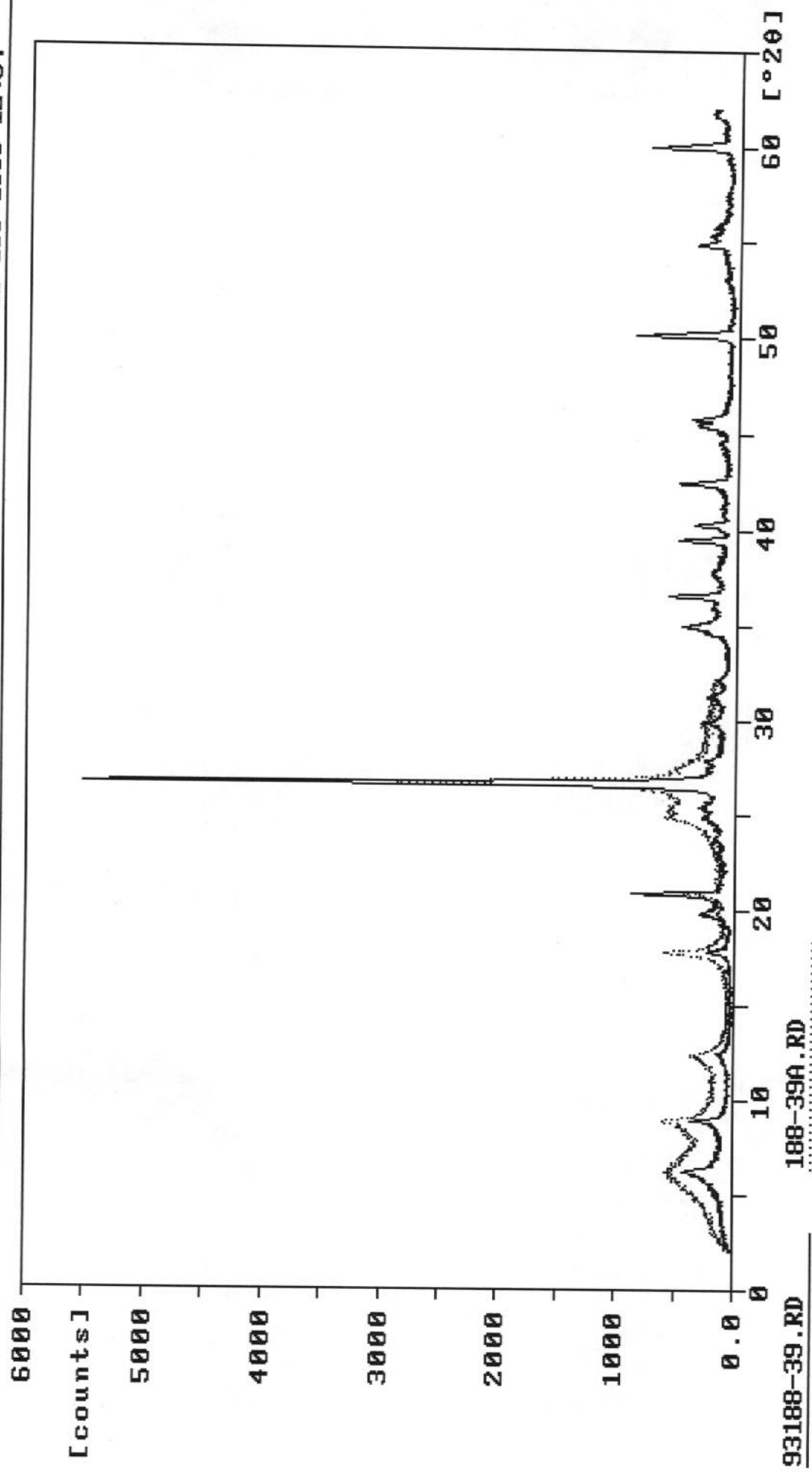


000-27.RD



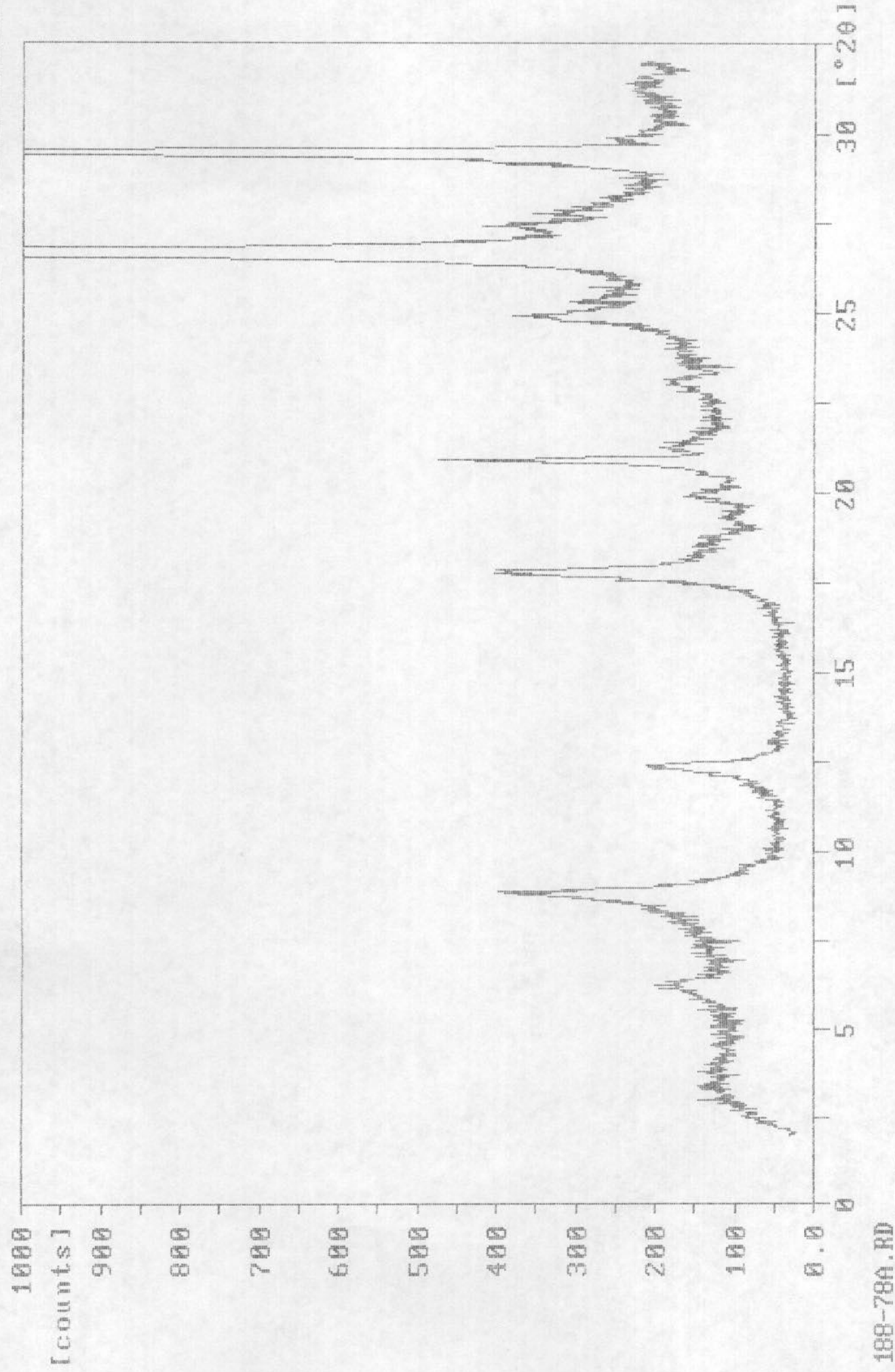
Sample identification: H161(13-9)HE-0611

15-dec-1993 12:34



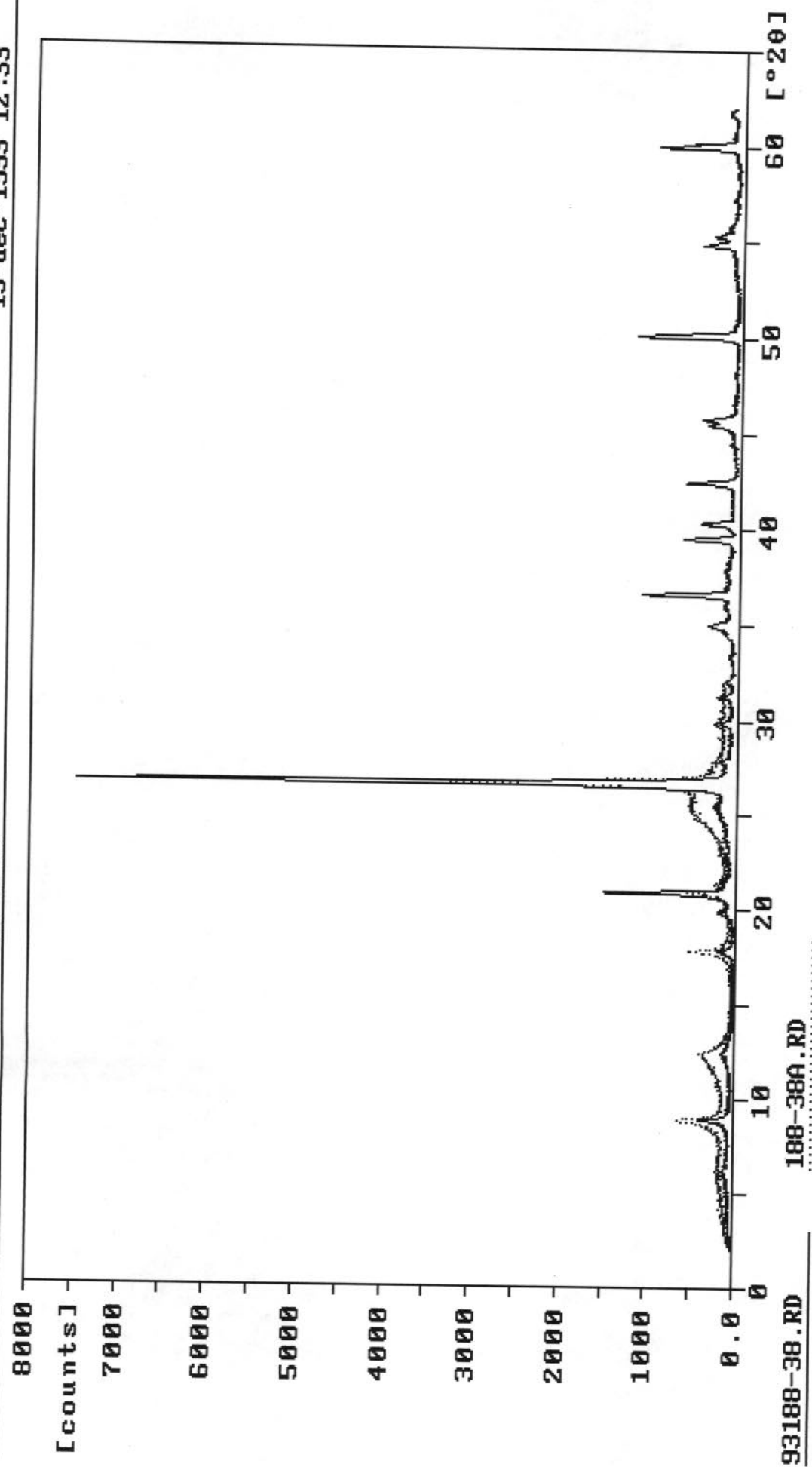
Sample identification: H163(15-9)HE-0610

5-nov-1993 13:11



Sample identification: H161(13-9)HE-0610

15-dec-1993 12:33

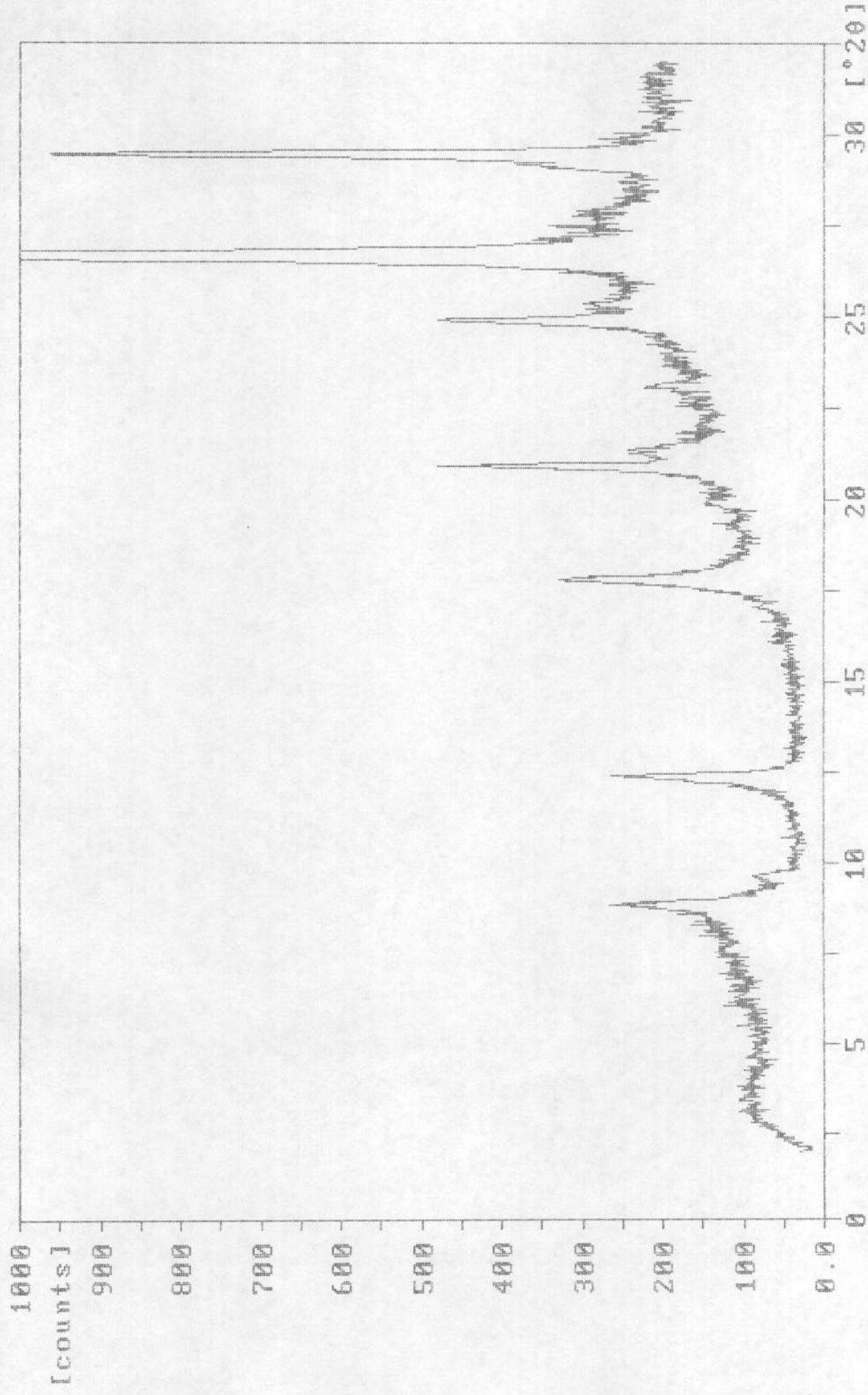


93188-38.RD

188-38A.RD

Sample identification: H163(15-9)he-0609

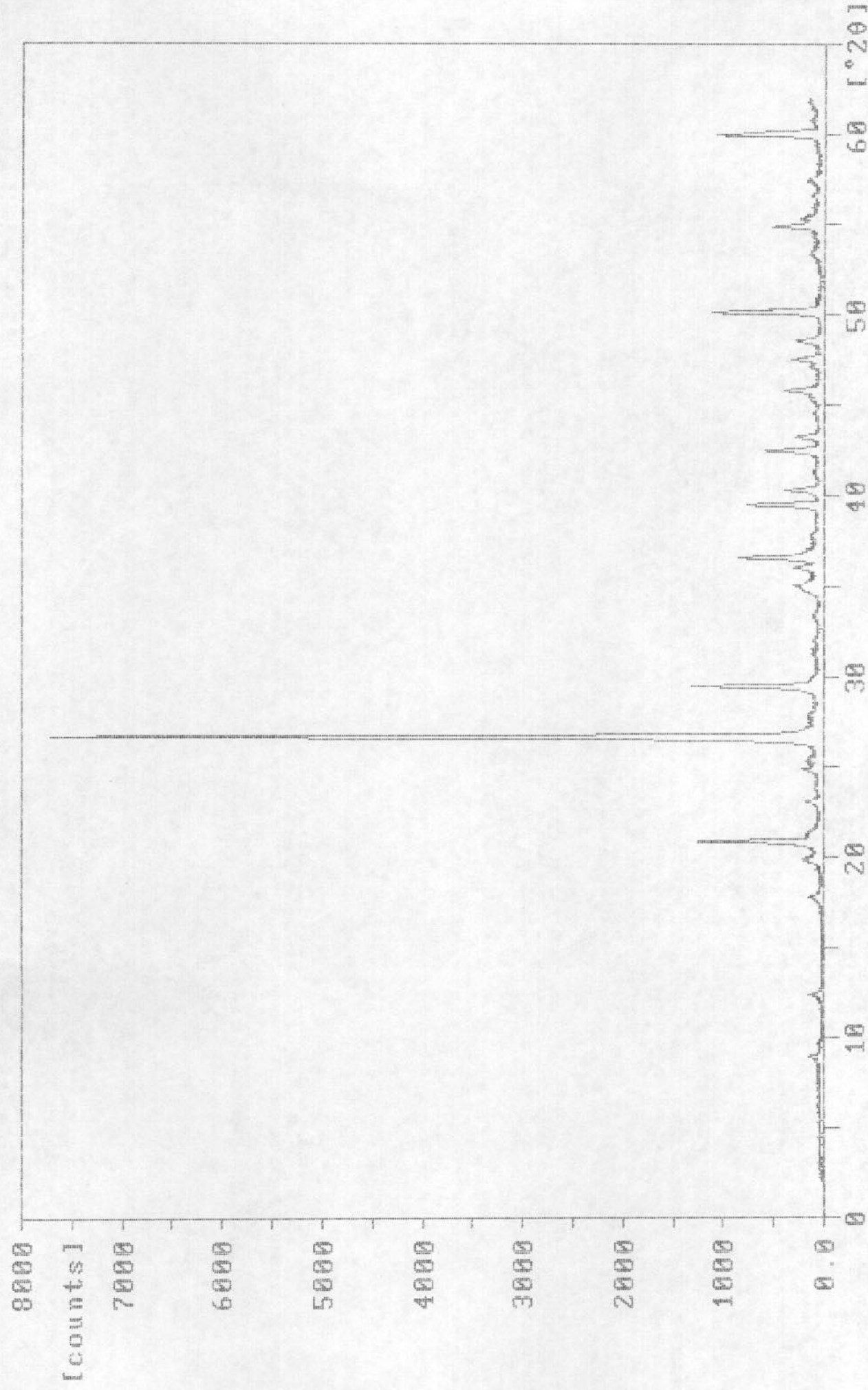
5-nov-1993 12:54



180-77A.RD

Sample identification: H163(15-9)HE-0609

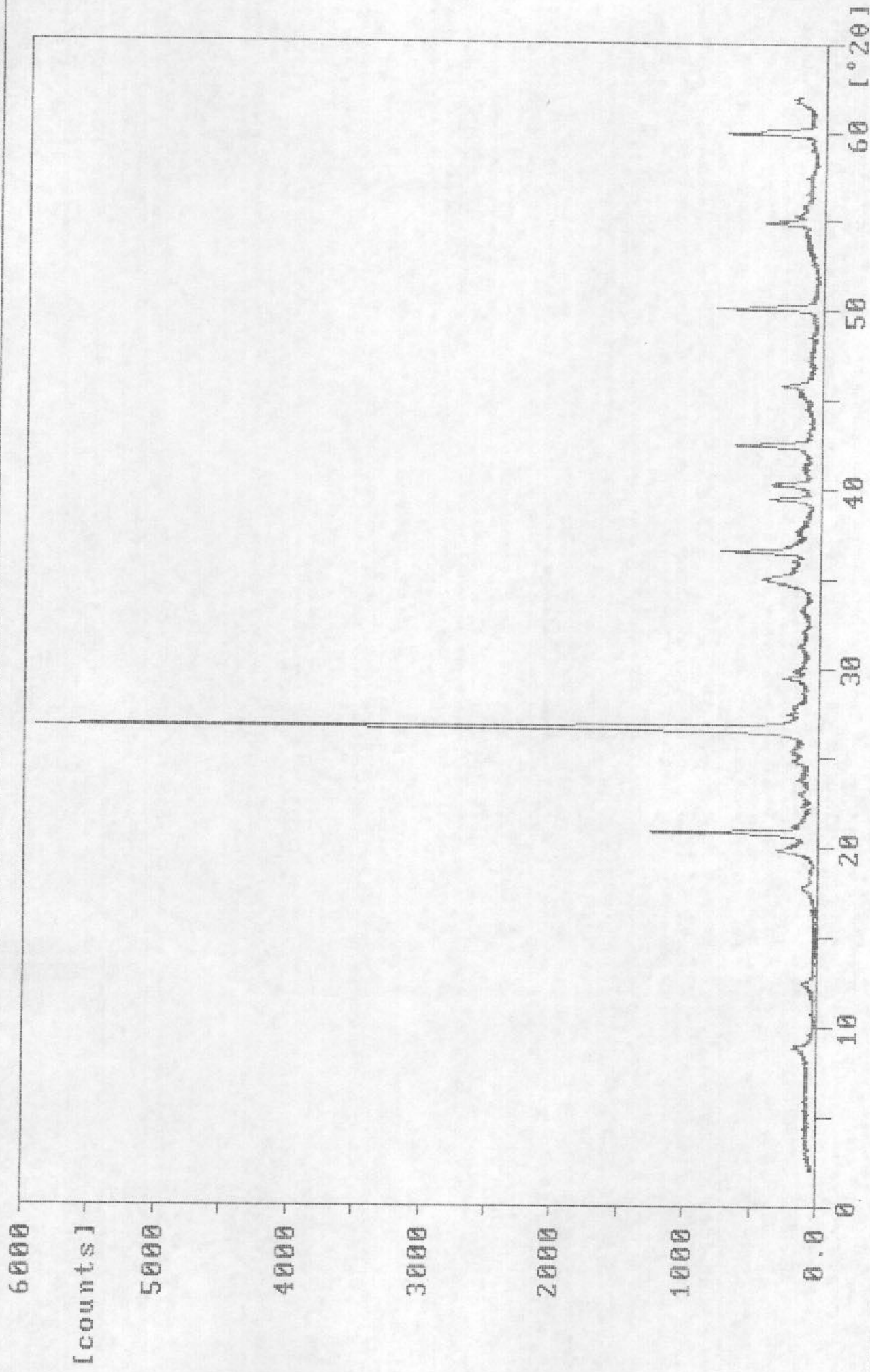
3-nov-1993 10:28



188-77.RD

Sample identification: HOJA-14-9 HE-0609

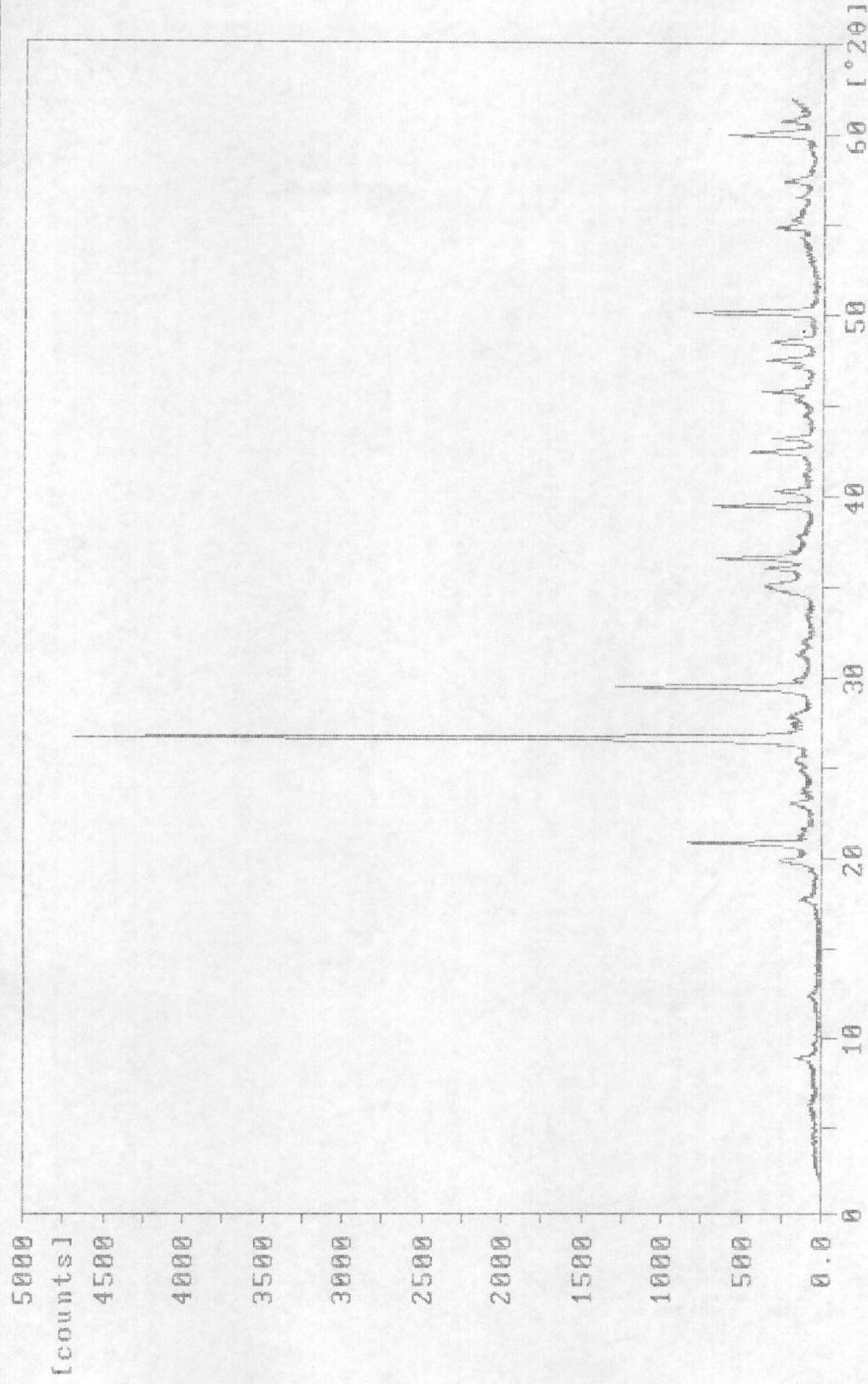
15-apr-1993 13:16



000-24.RD

Sample identification: H163(15-9)HE-0610

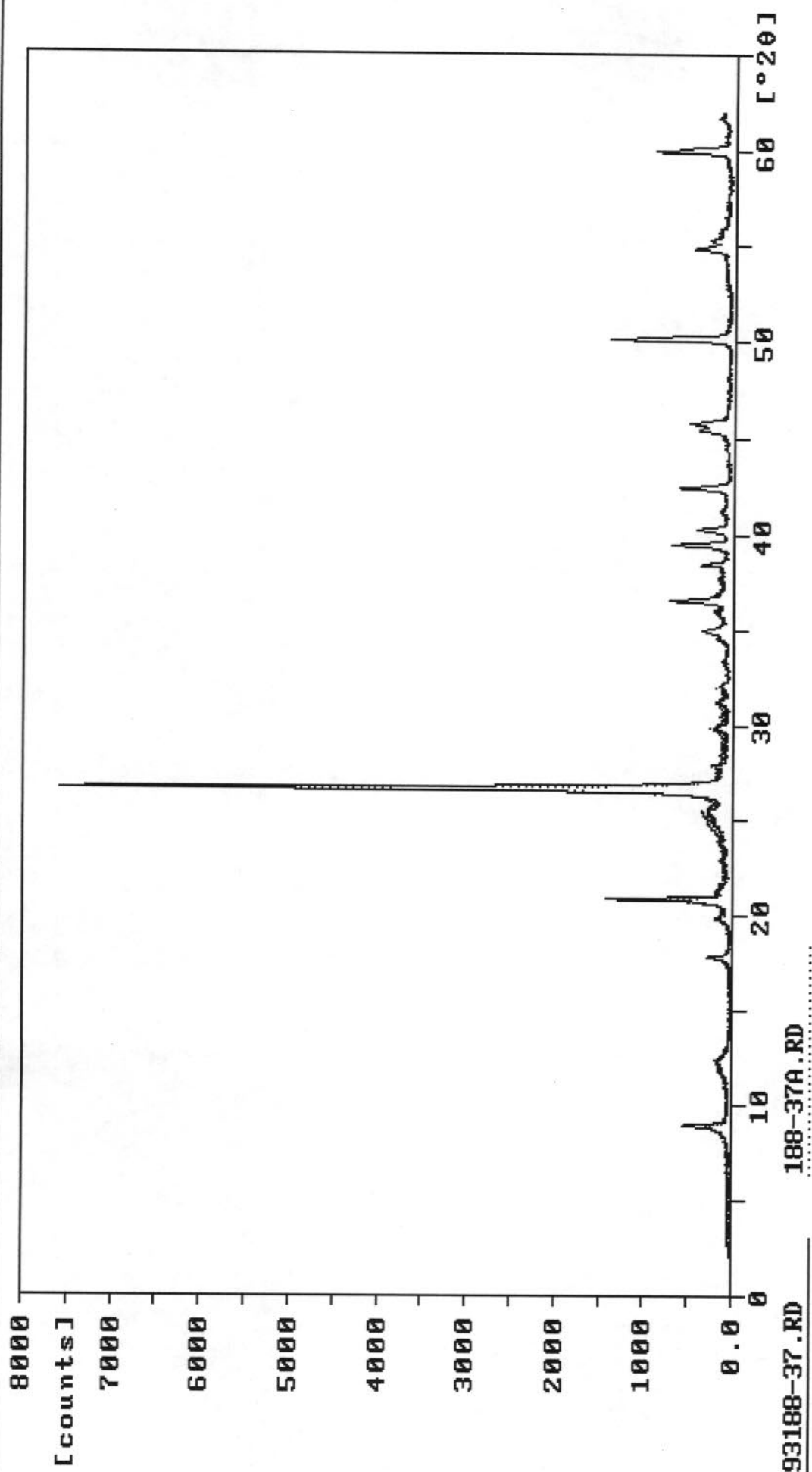
3-nov-1993 11:00



188-78.RD

Sample identification: H161(13-9)HE-0609

15-dec-1993 12:32

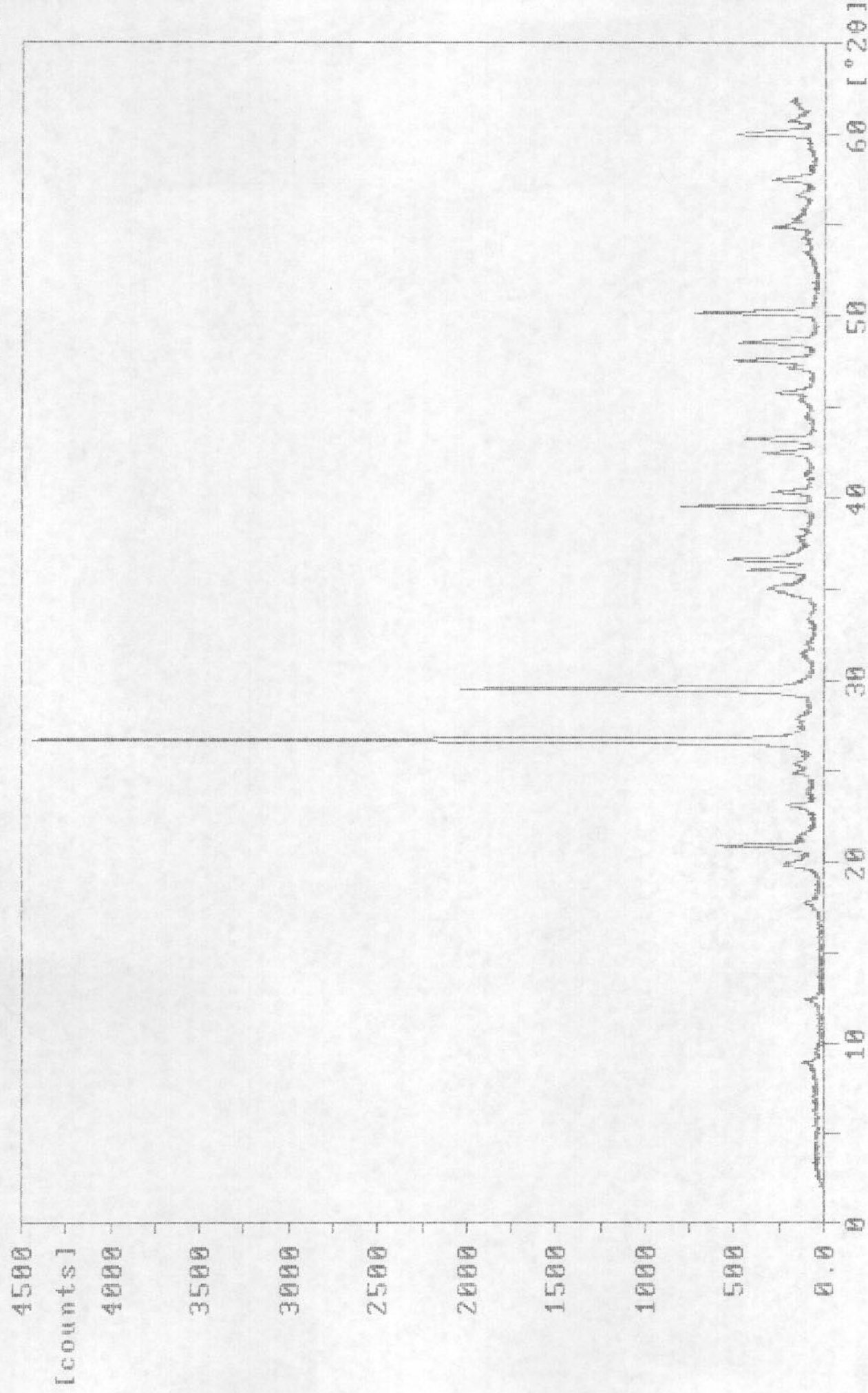


93188-37.RD

188-37A.RD

Sample identification: H163(15-9)HE-0608

3-nov-1993 9:57



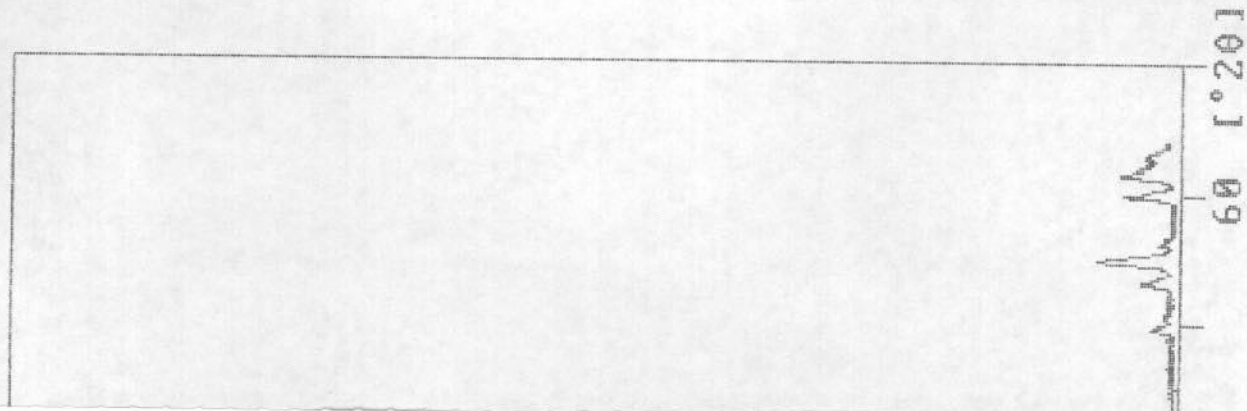
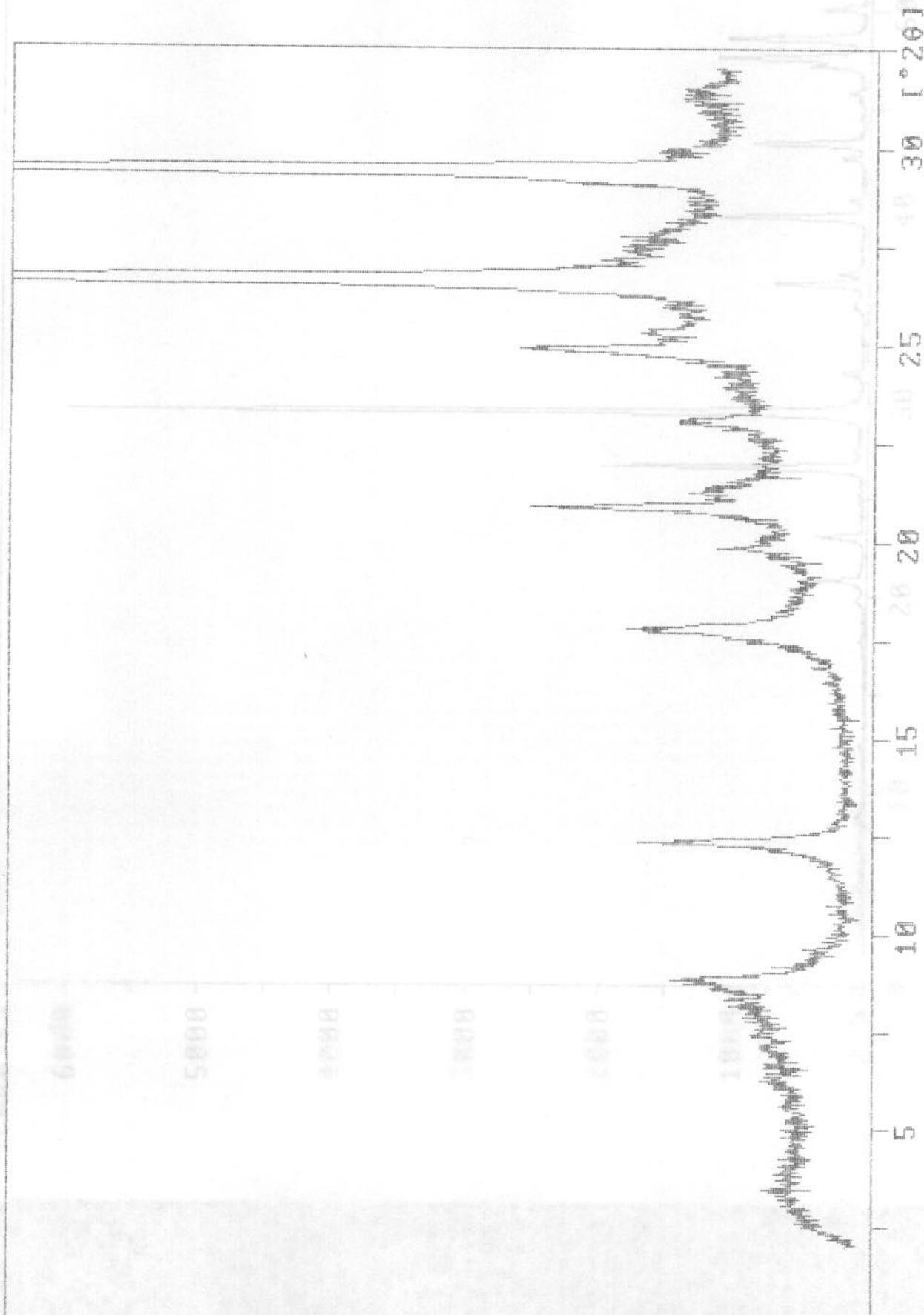
188-76.RD

Identification: H163(15-9)HE-0608

15-jan-14-9 HE-0608

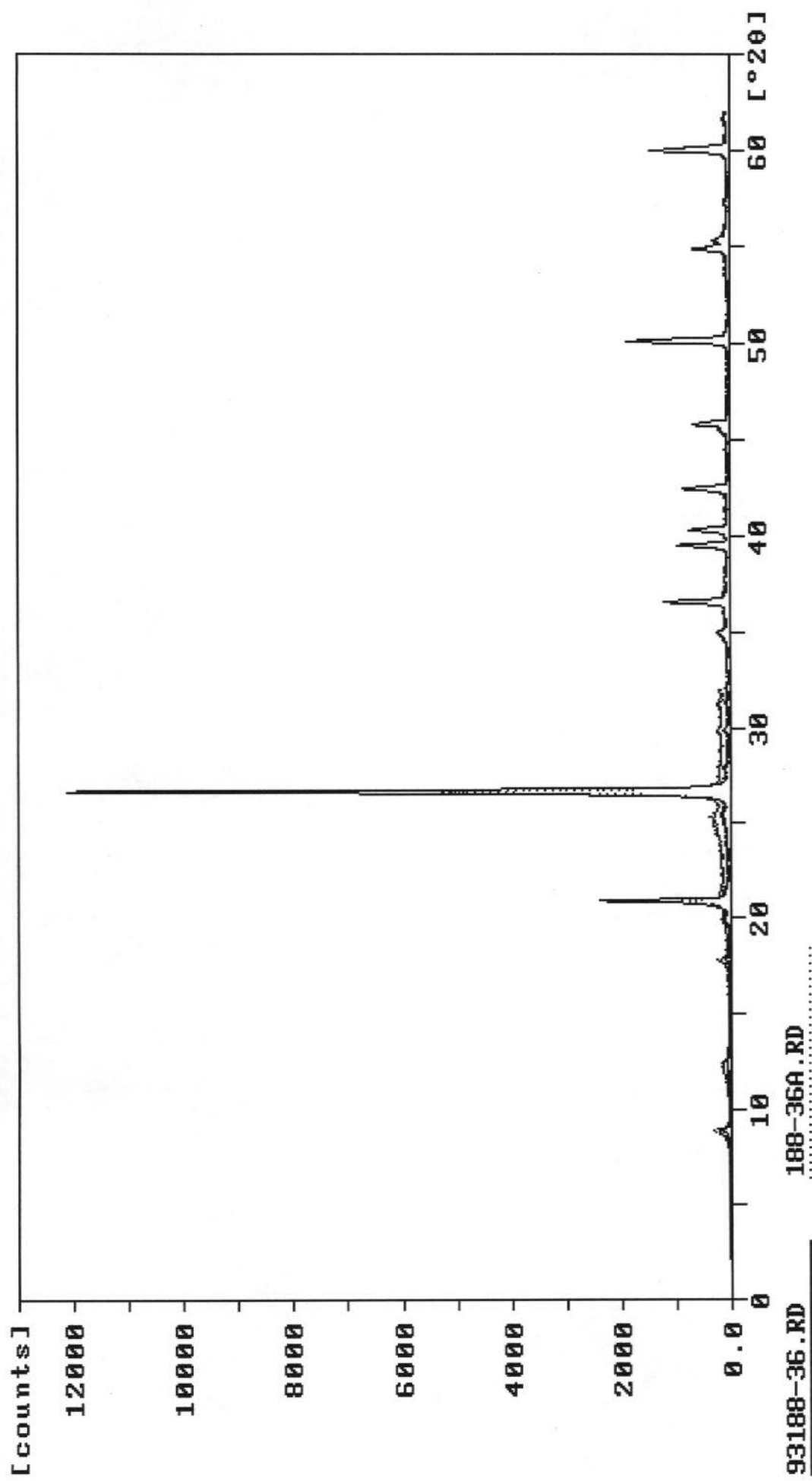
5-nov-1993 12:37

10-apr-1993 16:33



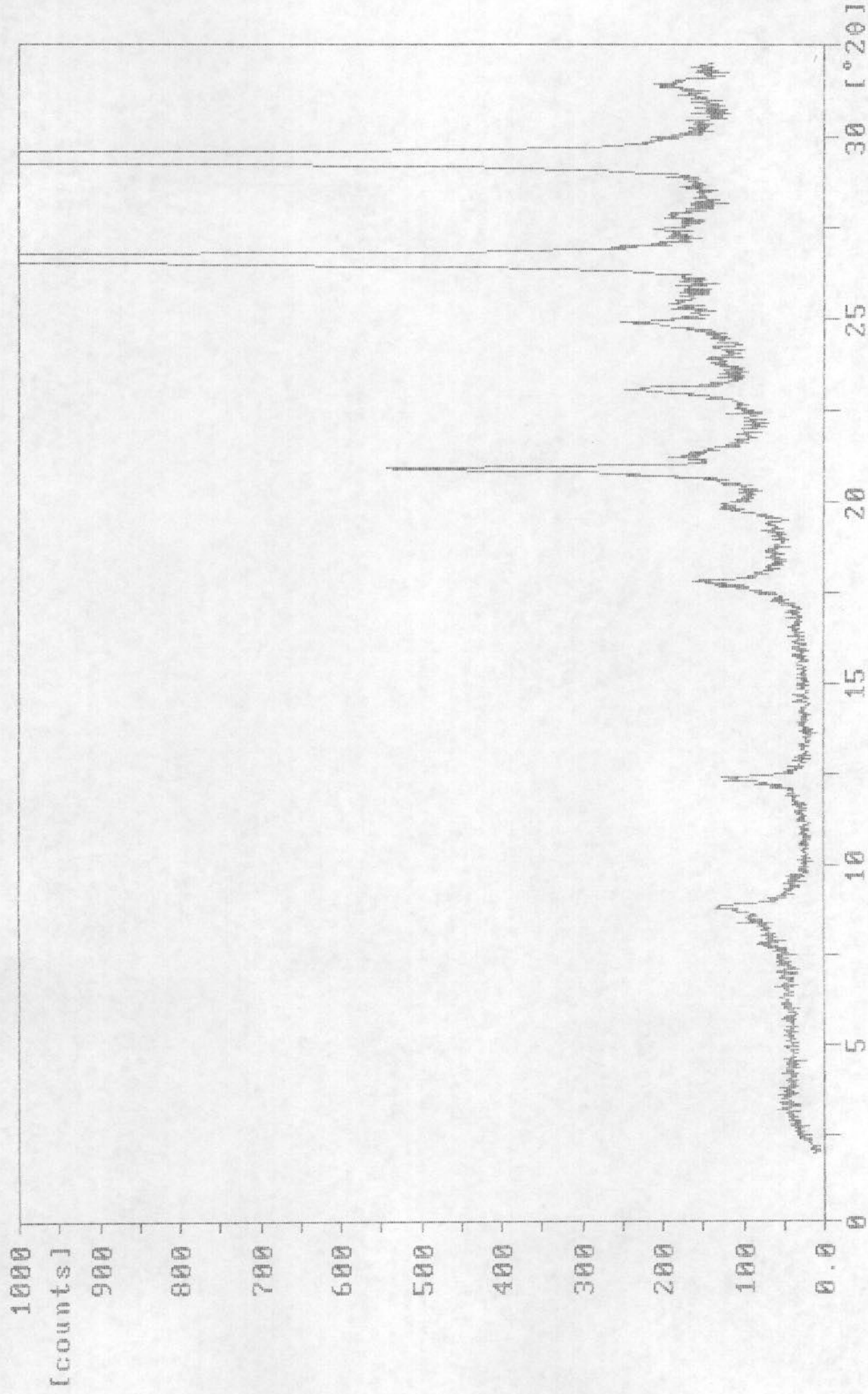
Sample identification: H161(13-9)HE-0608

15-dec-1993 12:25



Sample identification: H163(15-9)HE-0607

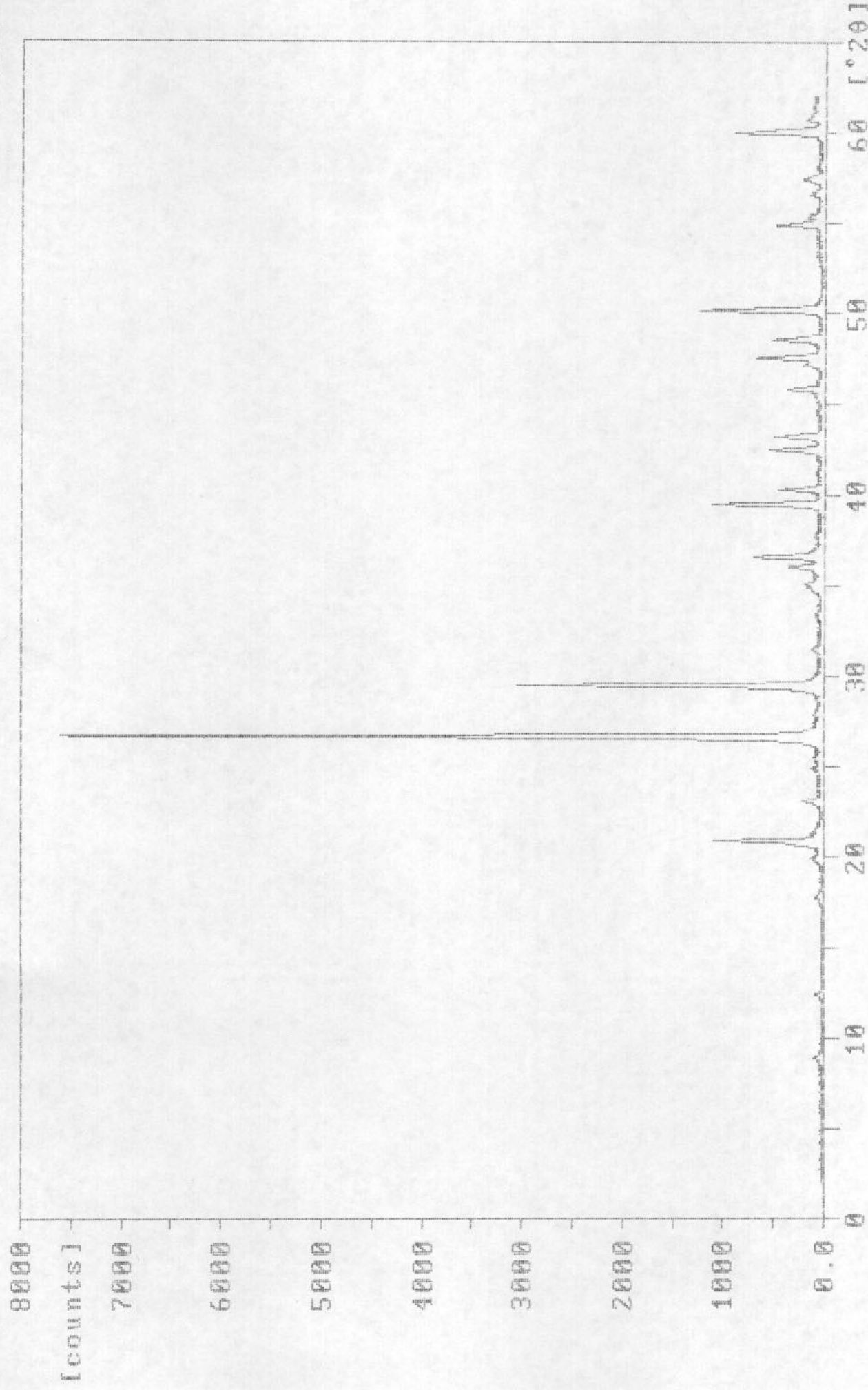
5-nov-1993 11:21



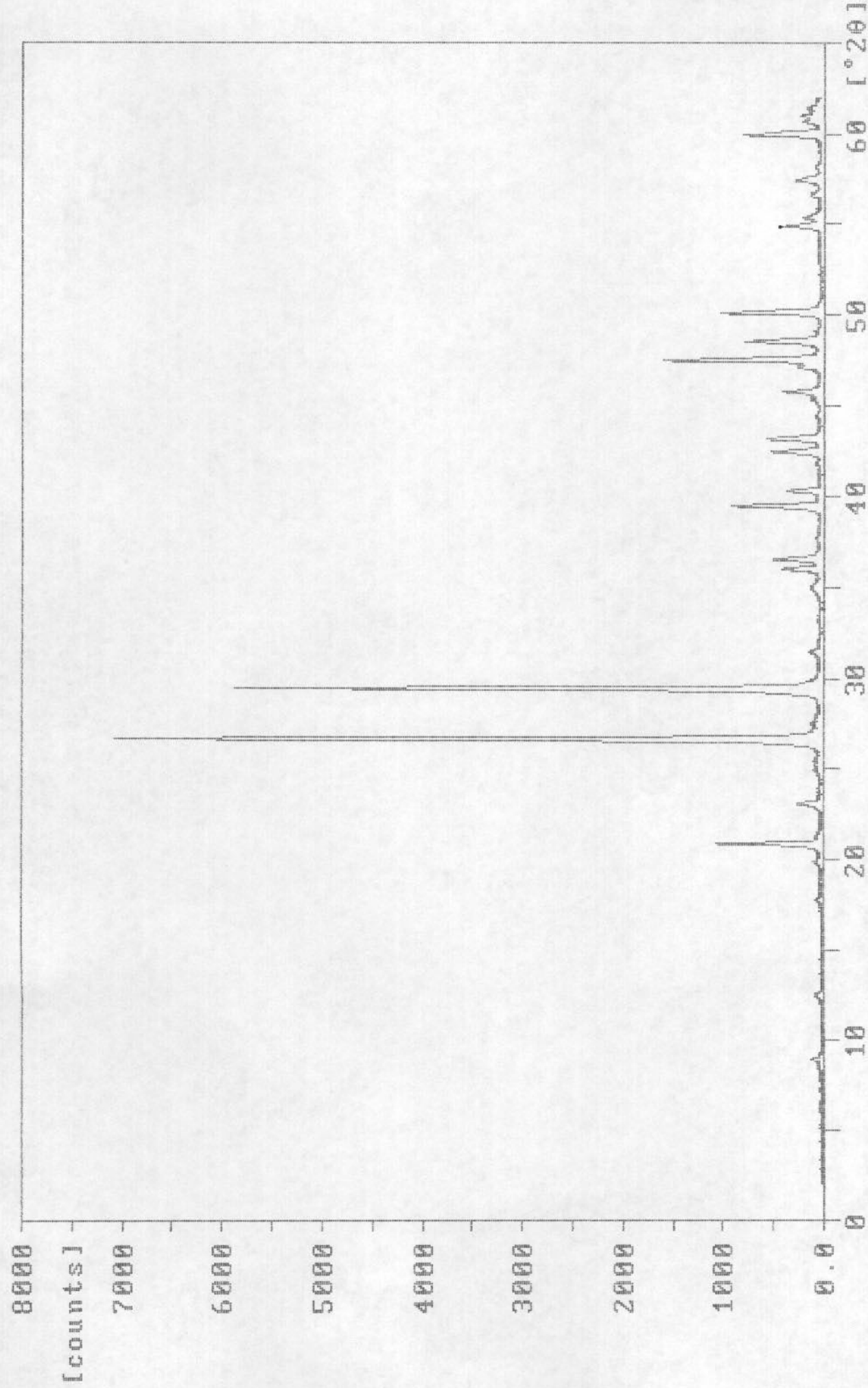
188-75A.RD

Sample identification: H163(15-9)HE-0607

3-nov-1993 9:27

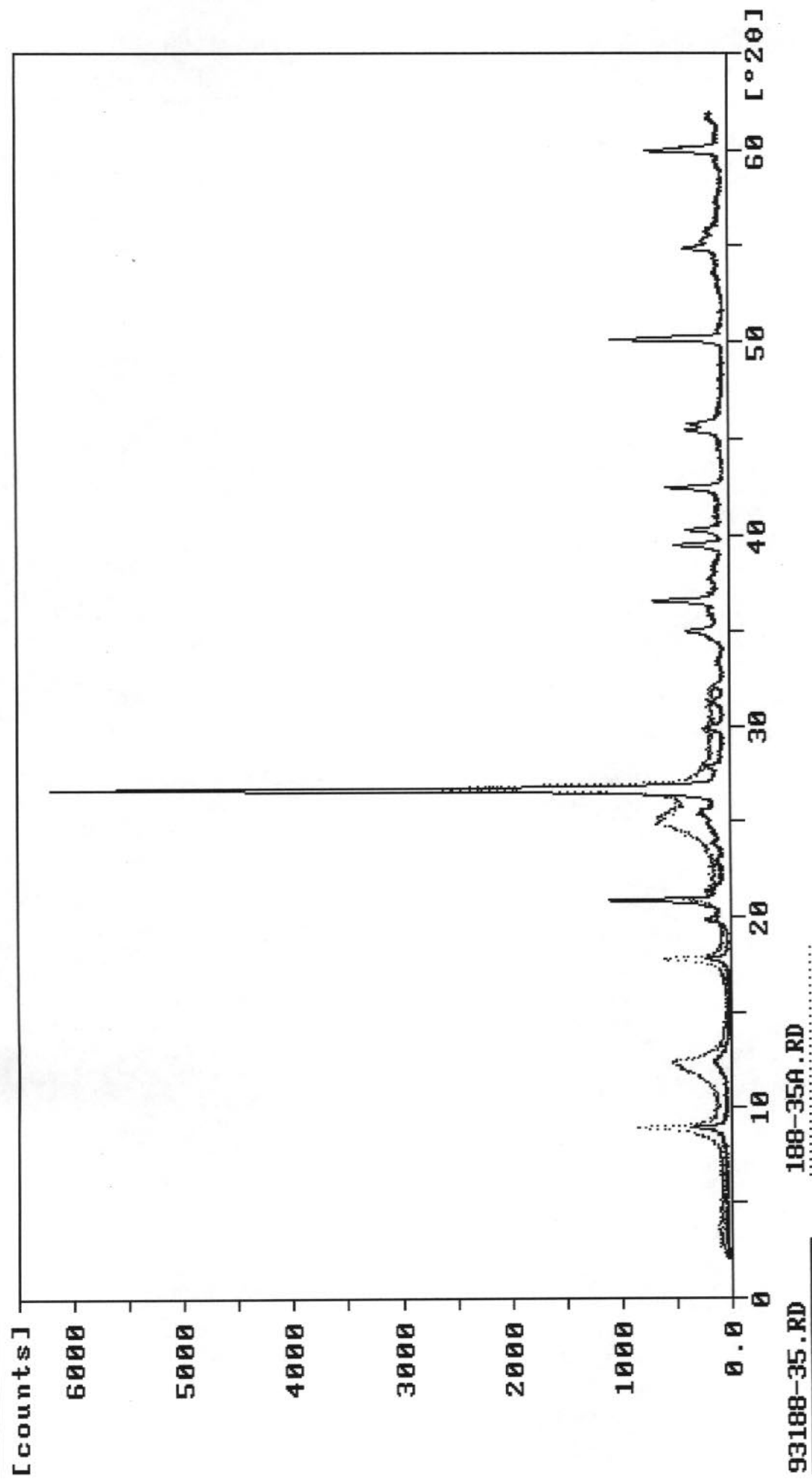


100-75.RD



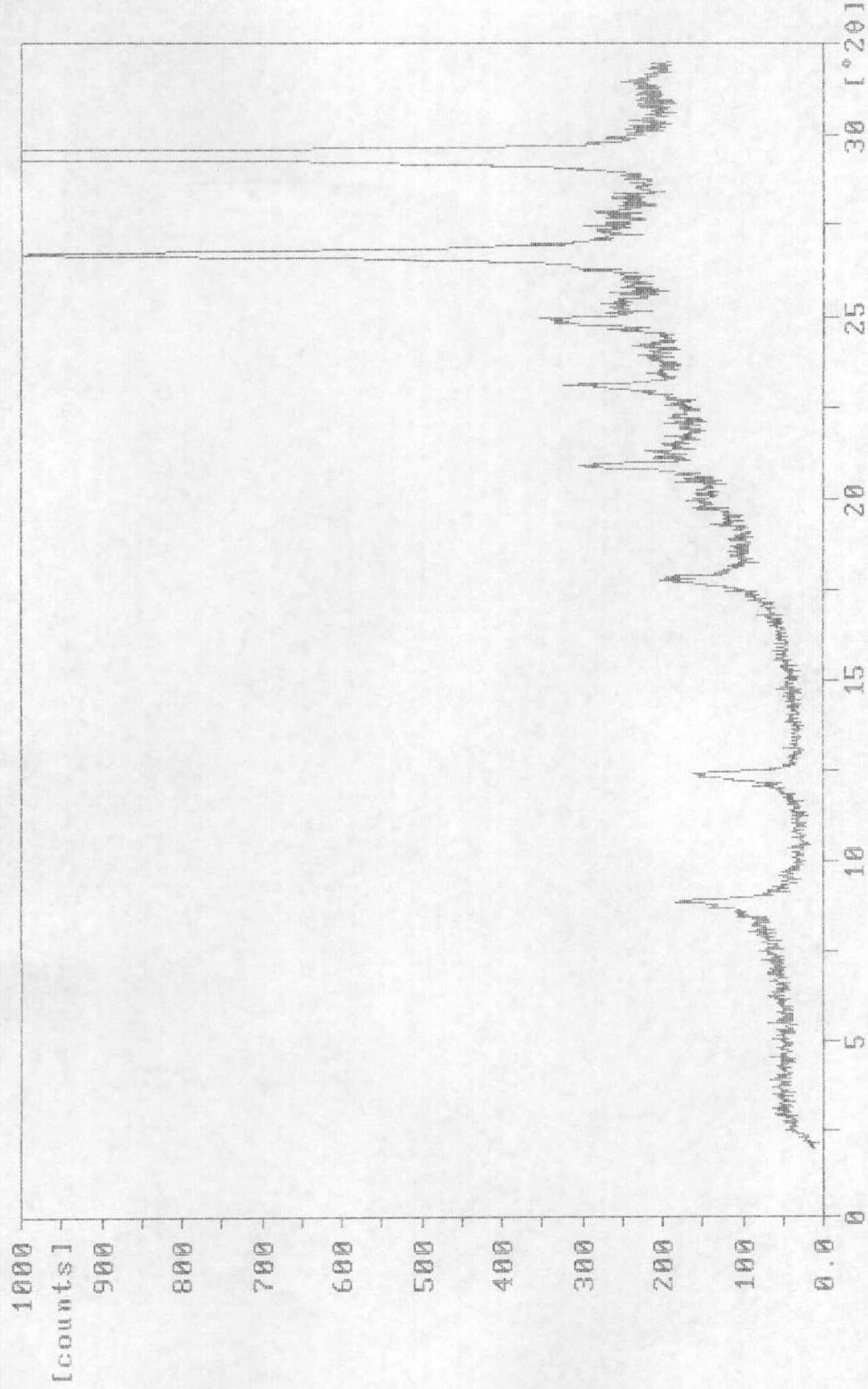
Sample identification: H161(13-9)HE-0607

15-dec-1993 12:25



Sample identification: H163(15-9)HE-0606

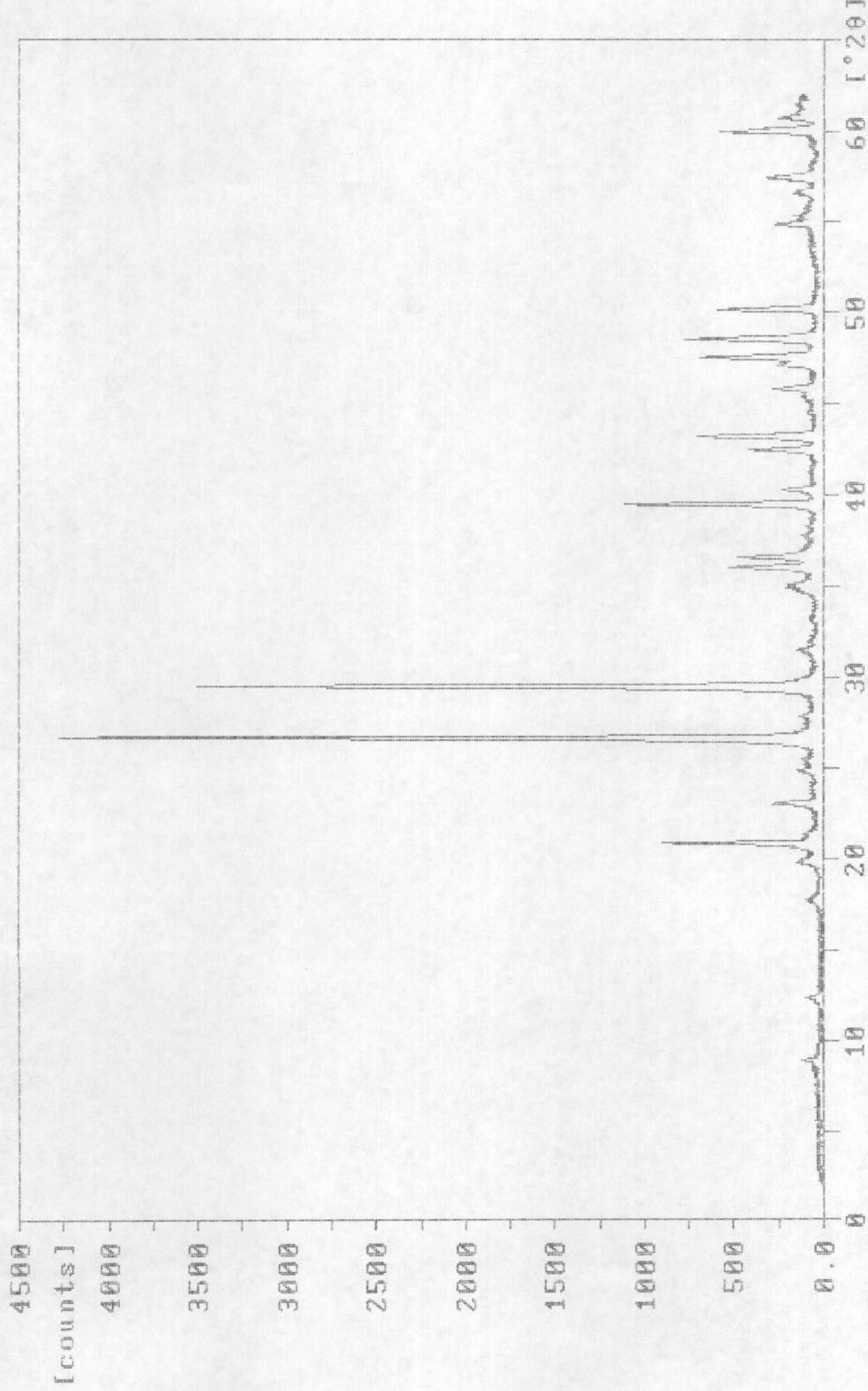
5-nov-1993 11:04



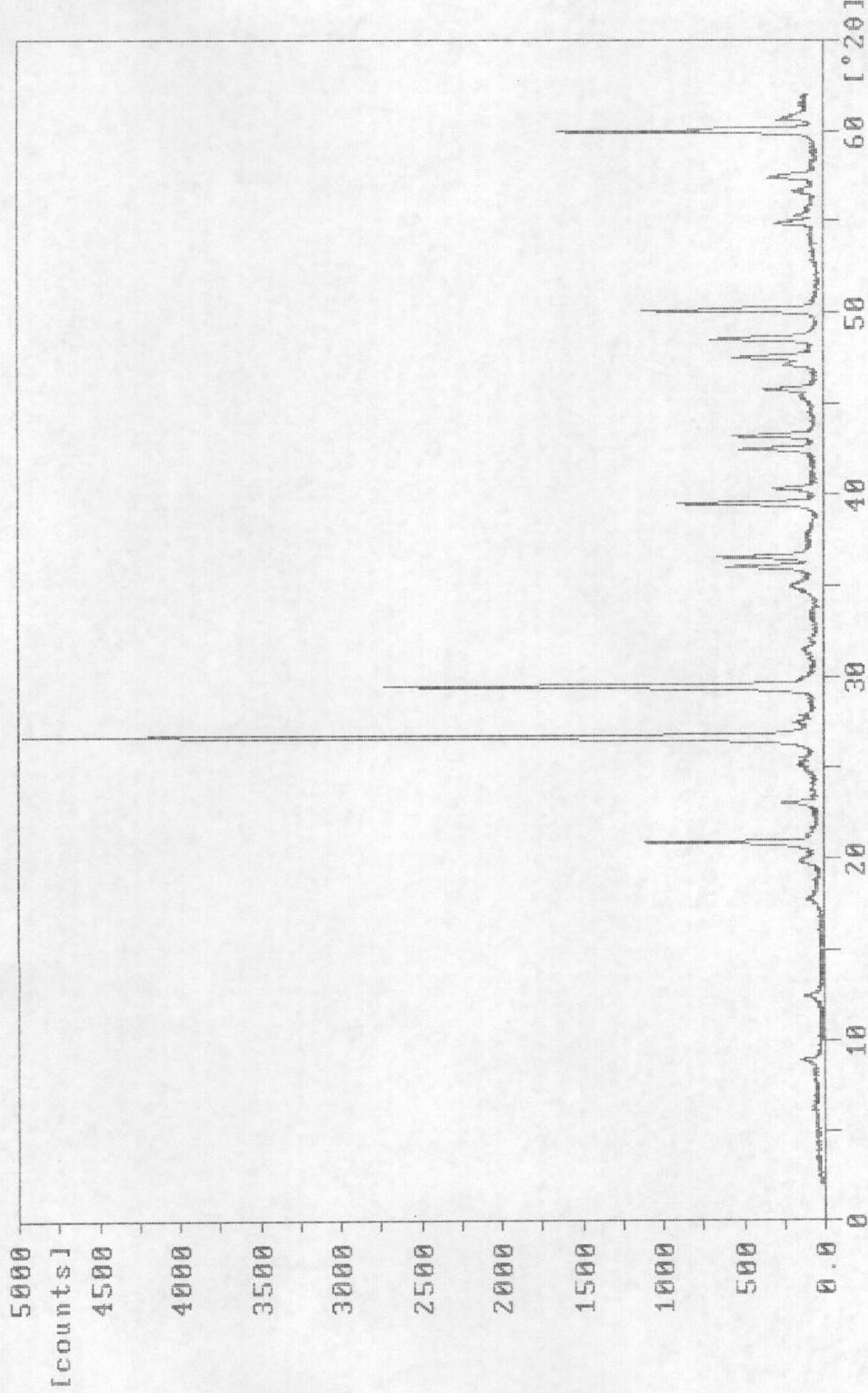
188-74A.RD

Sample identification: H163(15-9)HE-0606

2-nov-1993 14:55

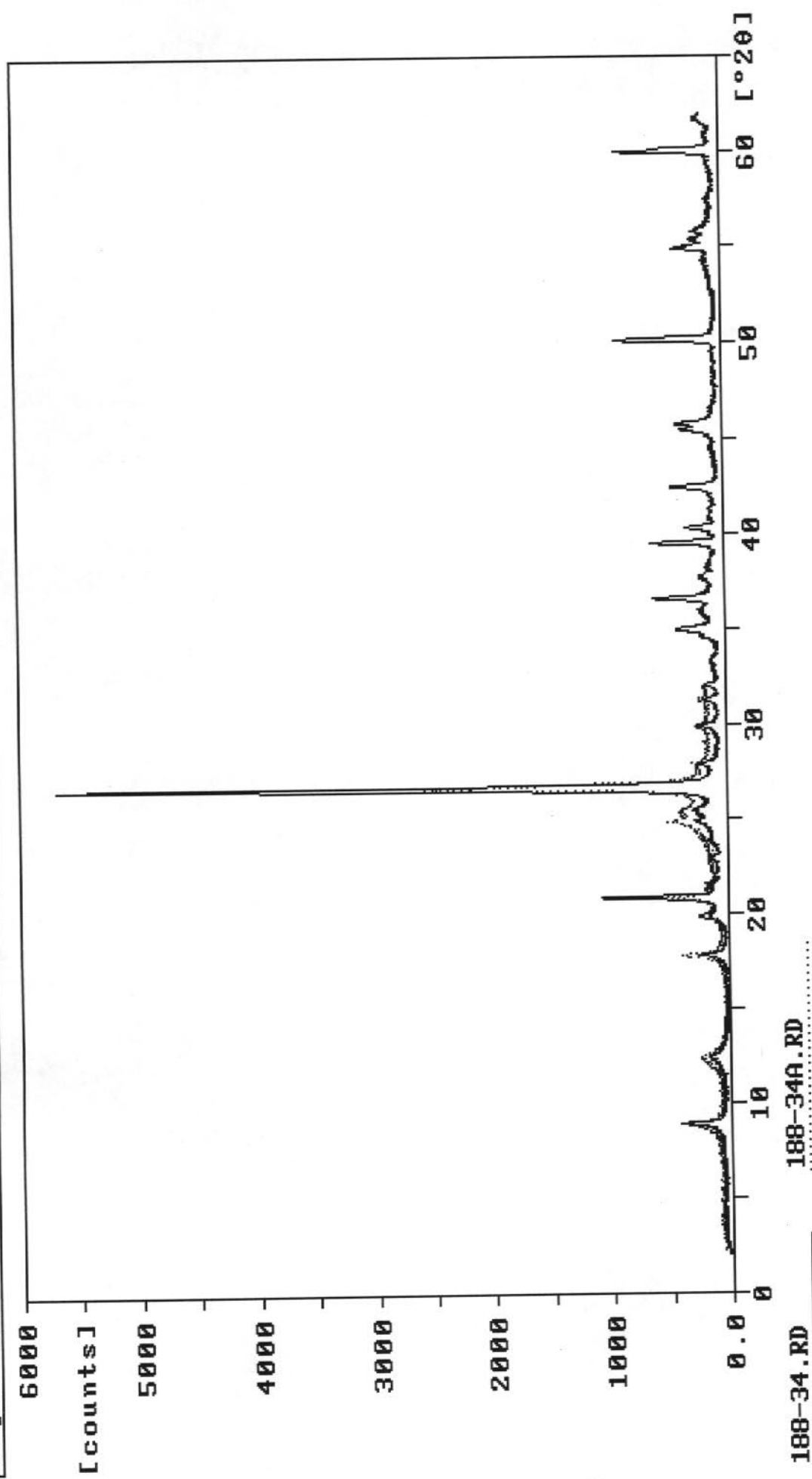


188-74.RD



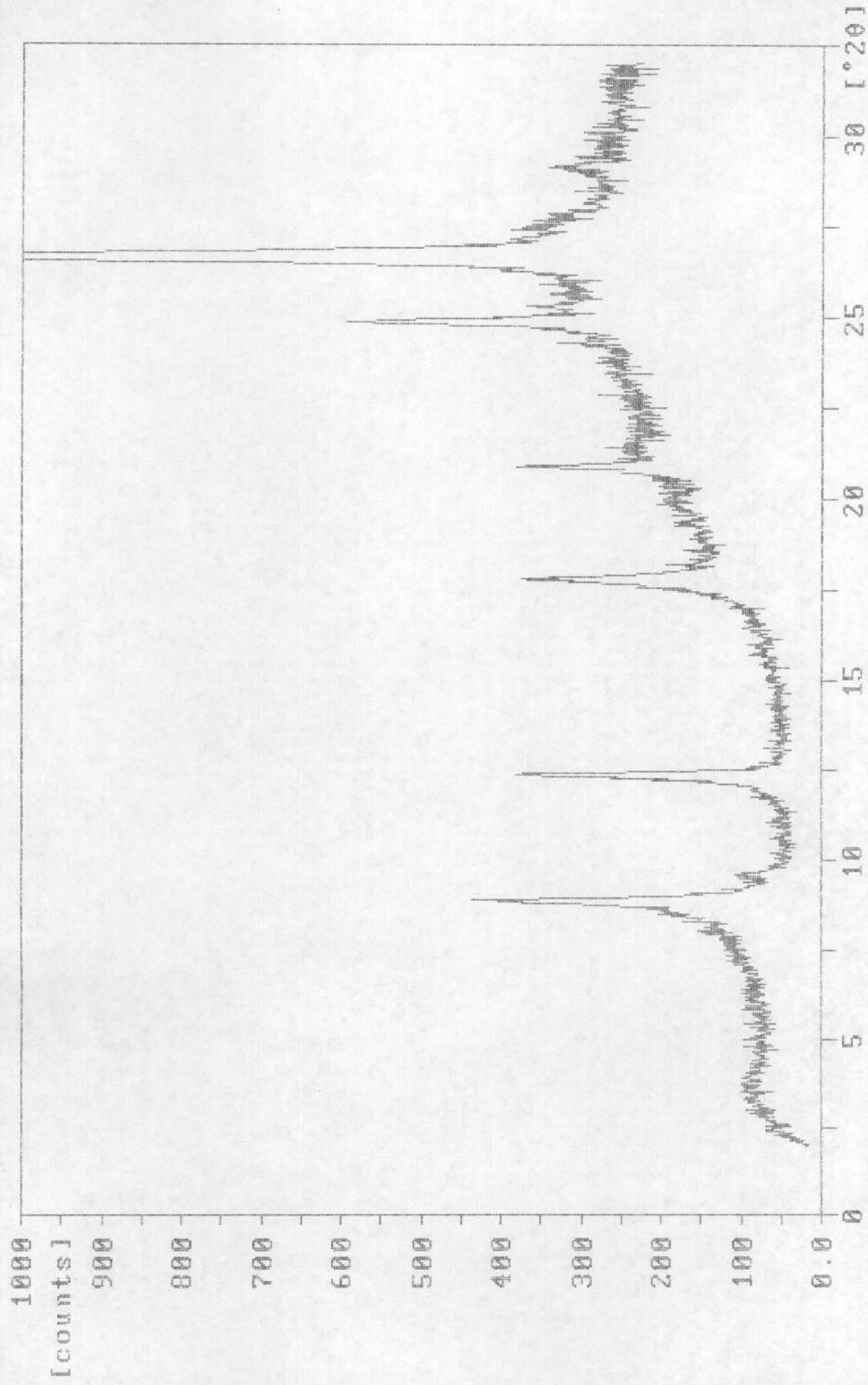
14-dec-1993 16:53

Sample identification: H161(13-9)HE-0606



Sample identification: H163(15-9)HE-0605

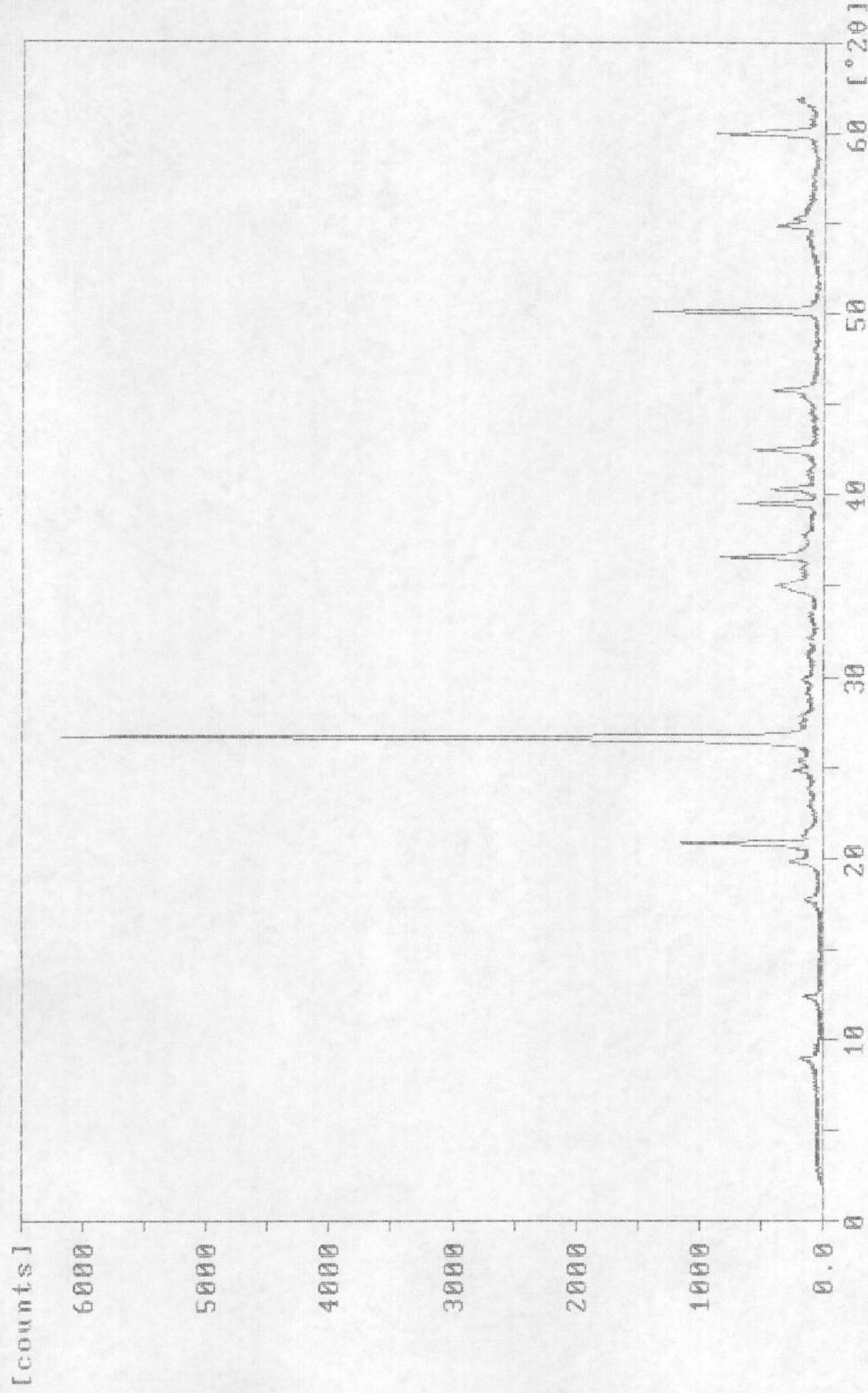
5-nov-1993 10:46



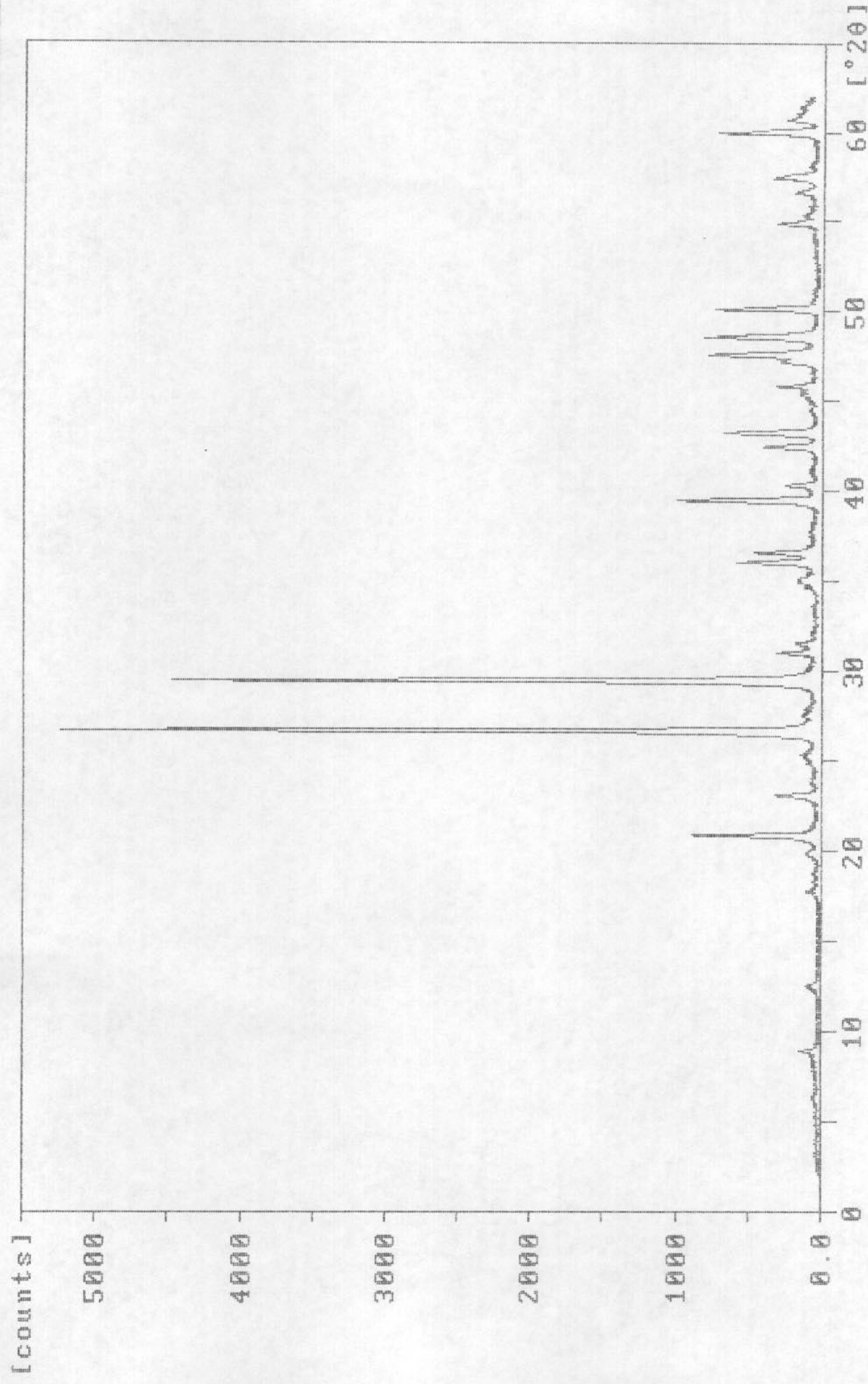
188-73A.RD

Sample identification: H163(15-9)HE-0605

2-nov-1993 13:28

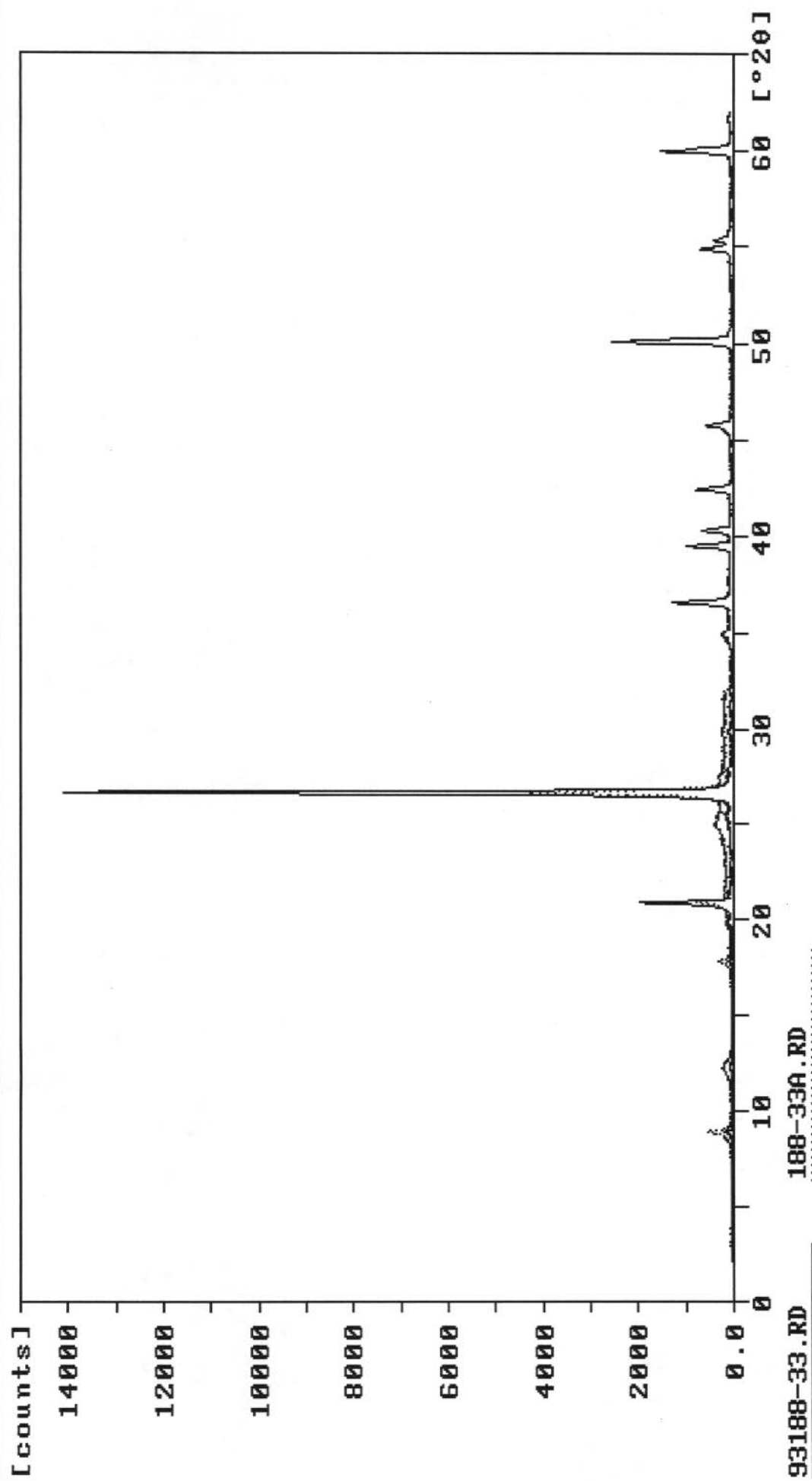


188-73.RD



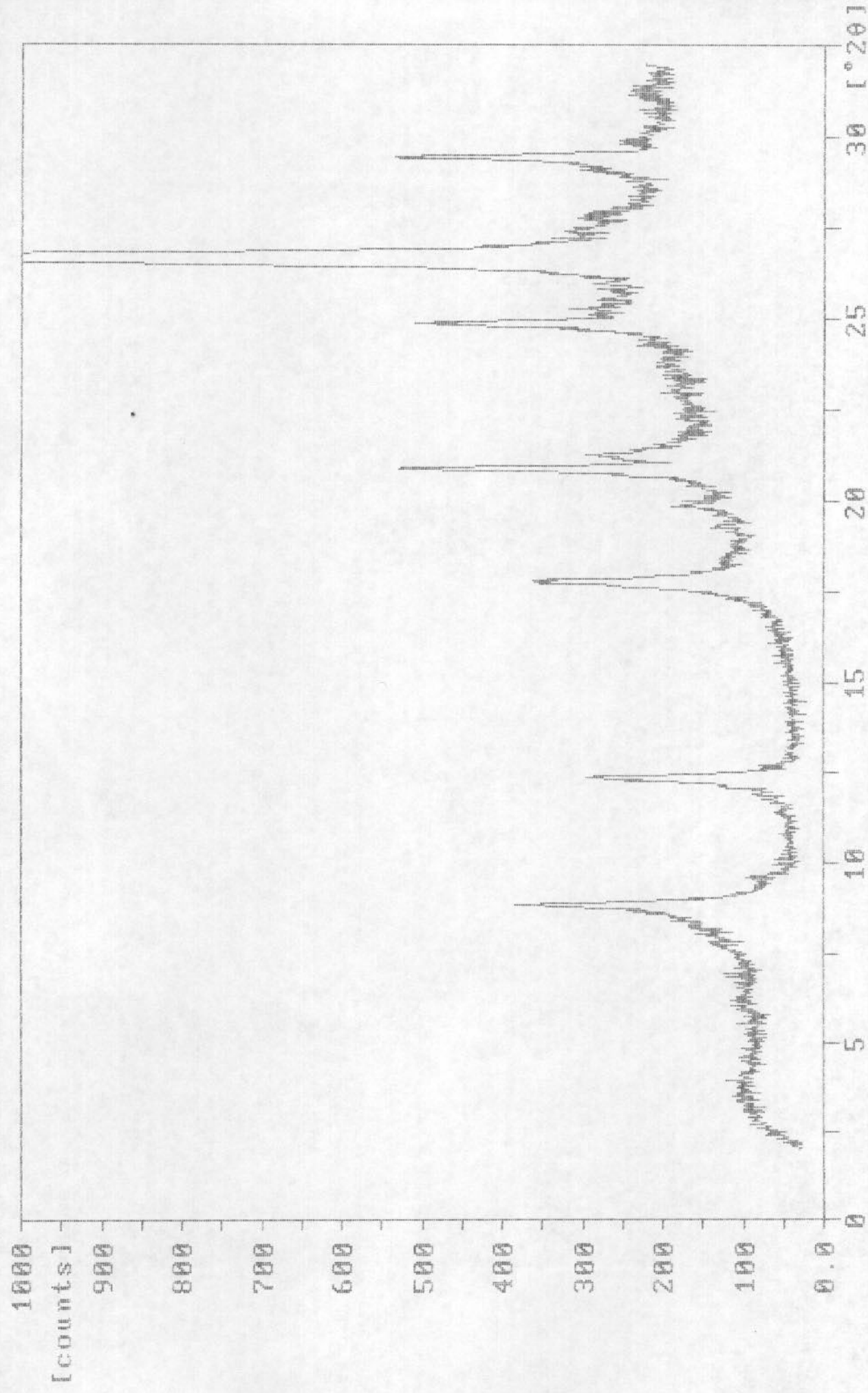
Sample identification: H161(13-9)HE-0605

15-dec-1993 12:24



Sample identification: H163(15-9)HE-0604

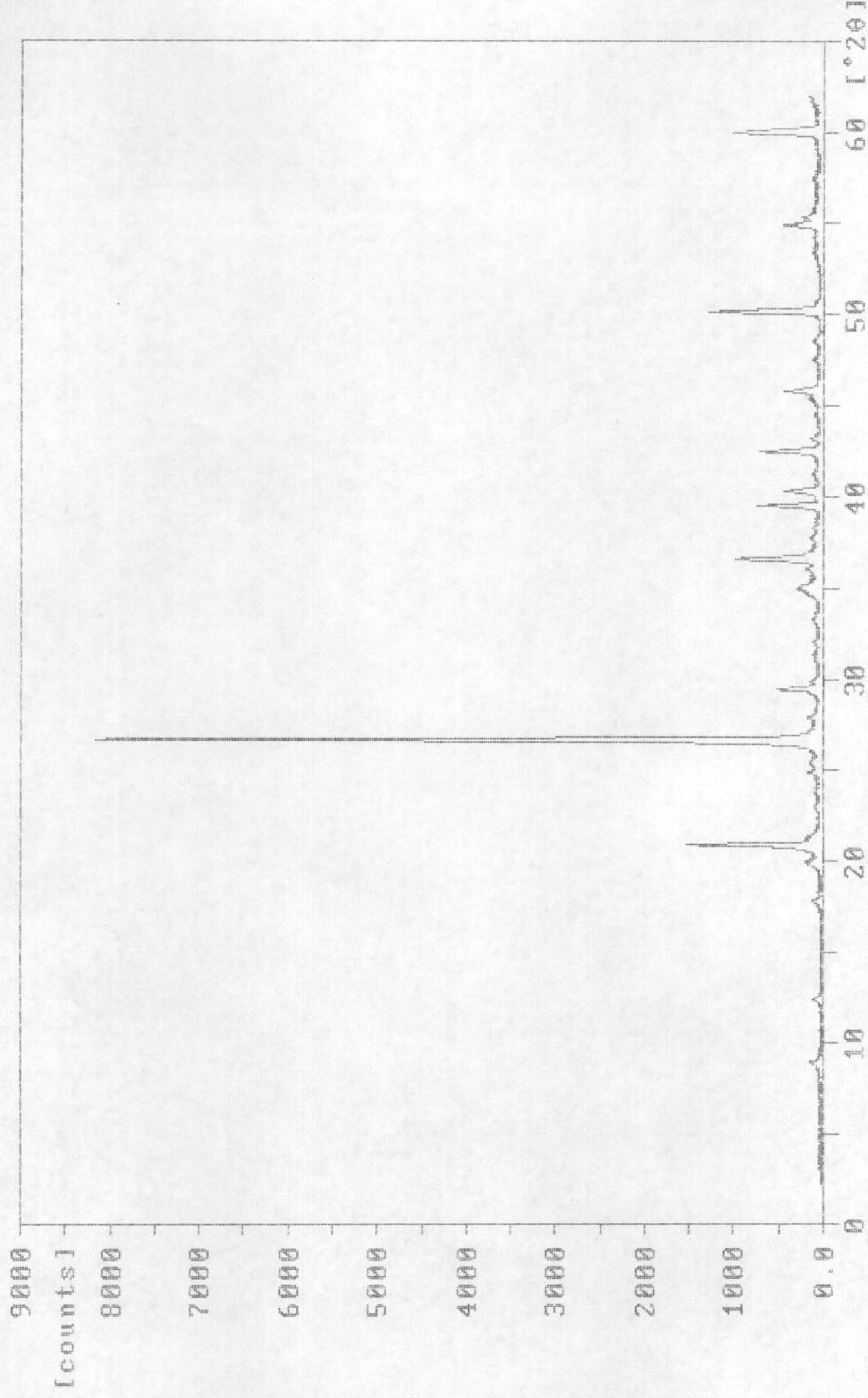
5-nov-1993 10:19



188-72A.RD

Sample identification: H163(15-9)HE-0604

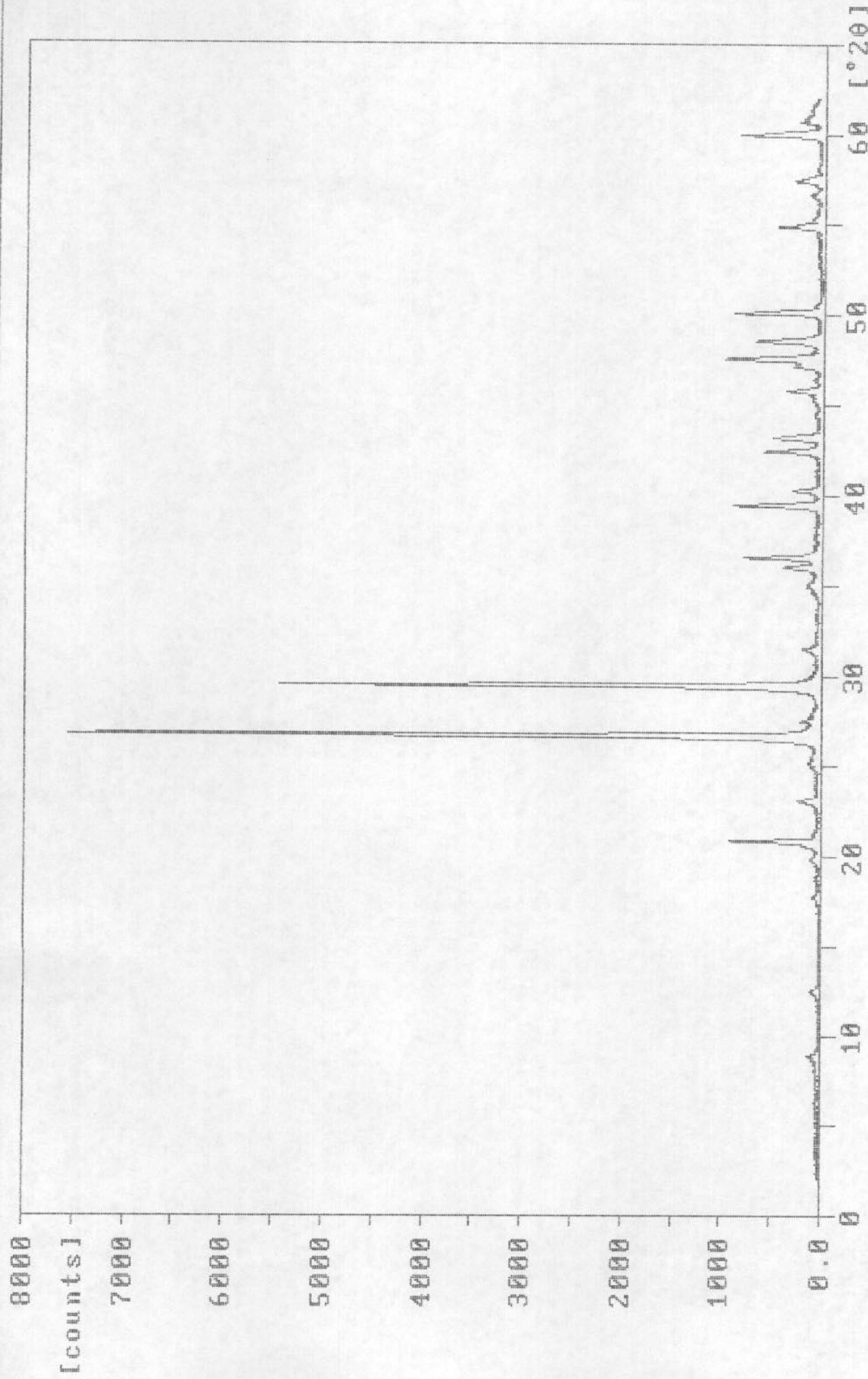
2-nov-1993 12:53



188-72.RD

Sample identification: H0JA-14-9 HE-0604

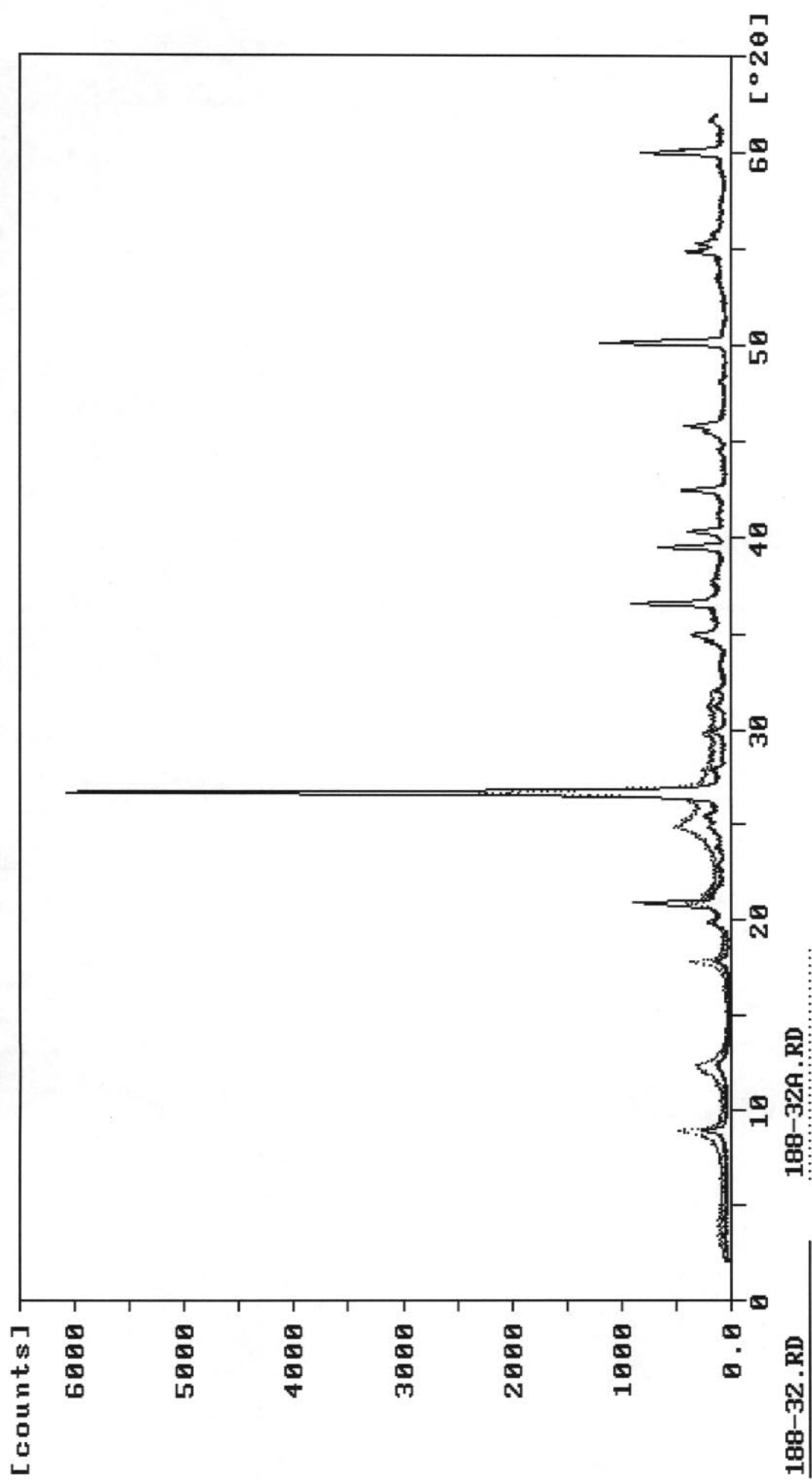
20-apr-1993 15:03



080-19.RD

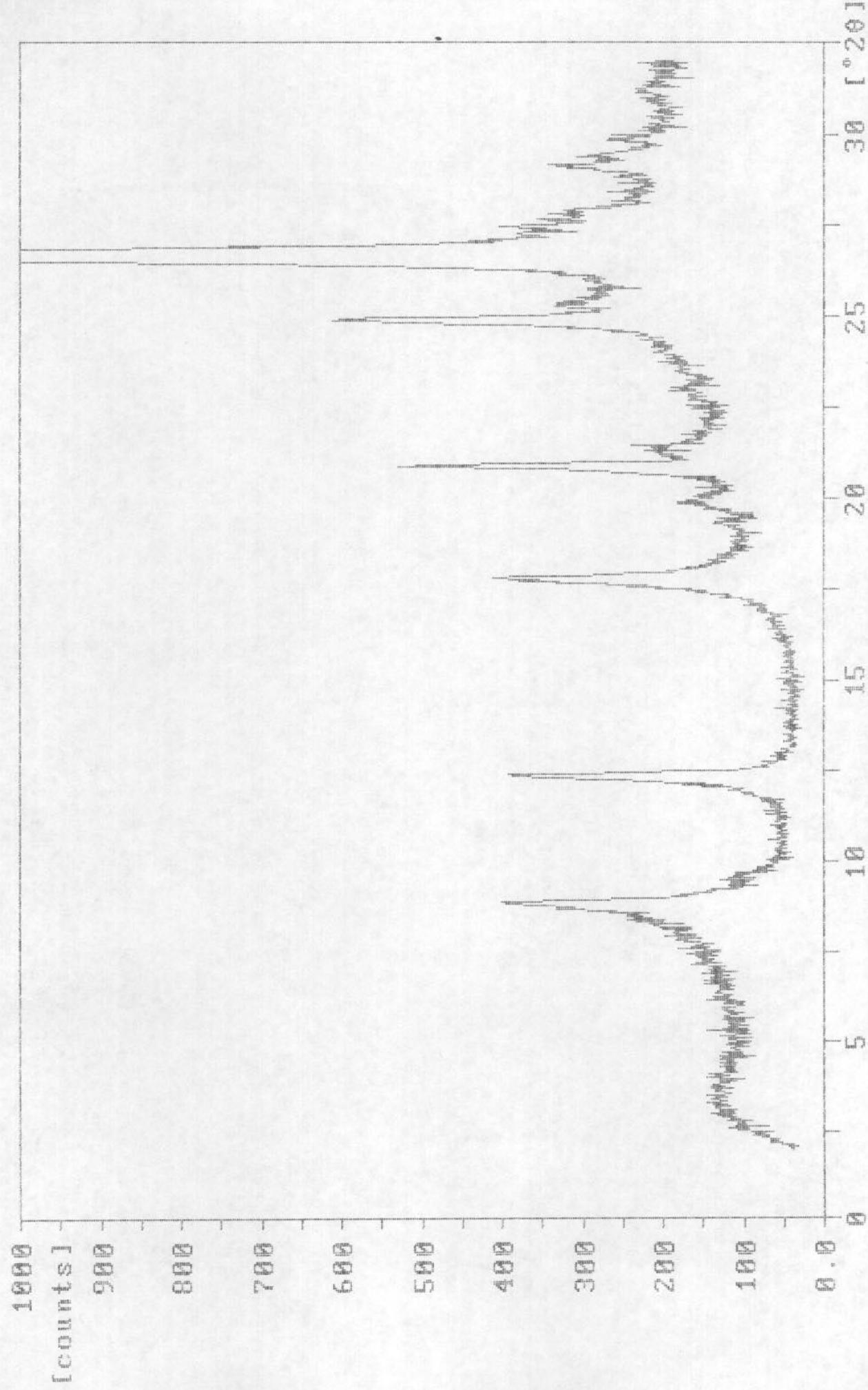
Sample identification: H161(13-9)HE-0604

14-dec-1993 16:52



Sample identification: H163(15-9)HE-0603

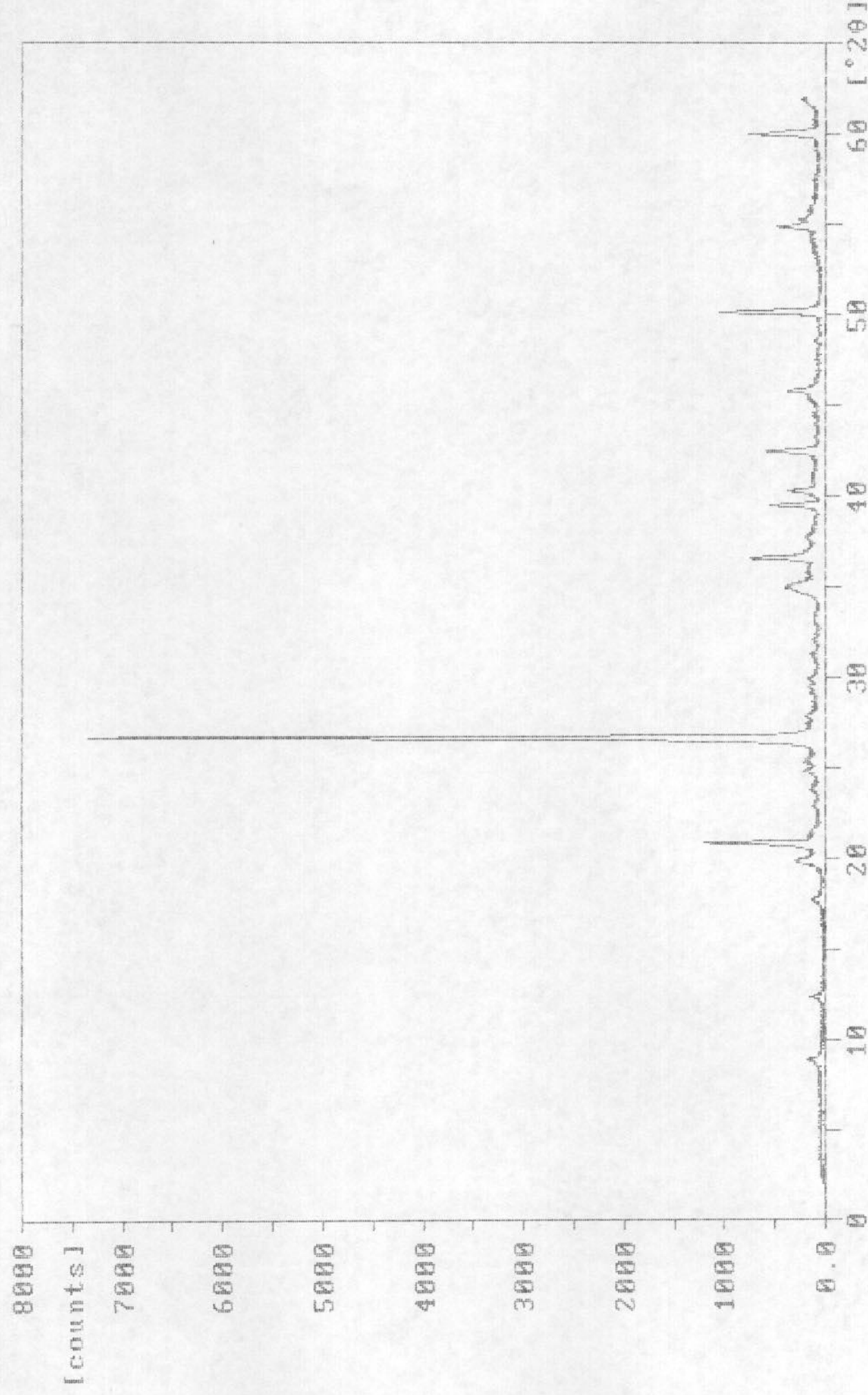
5-nov-1993 10:01



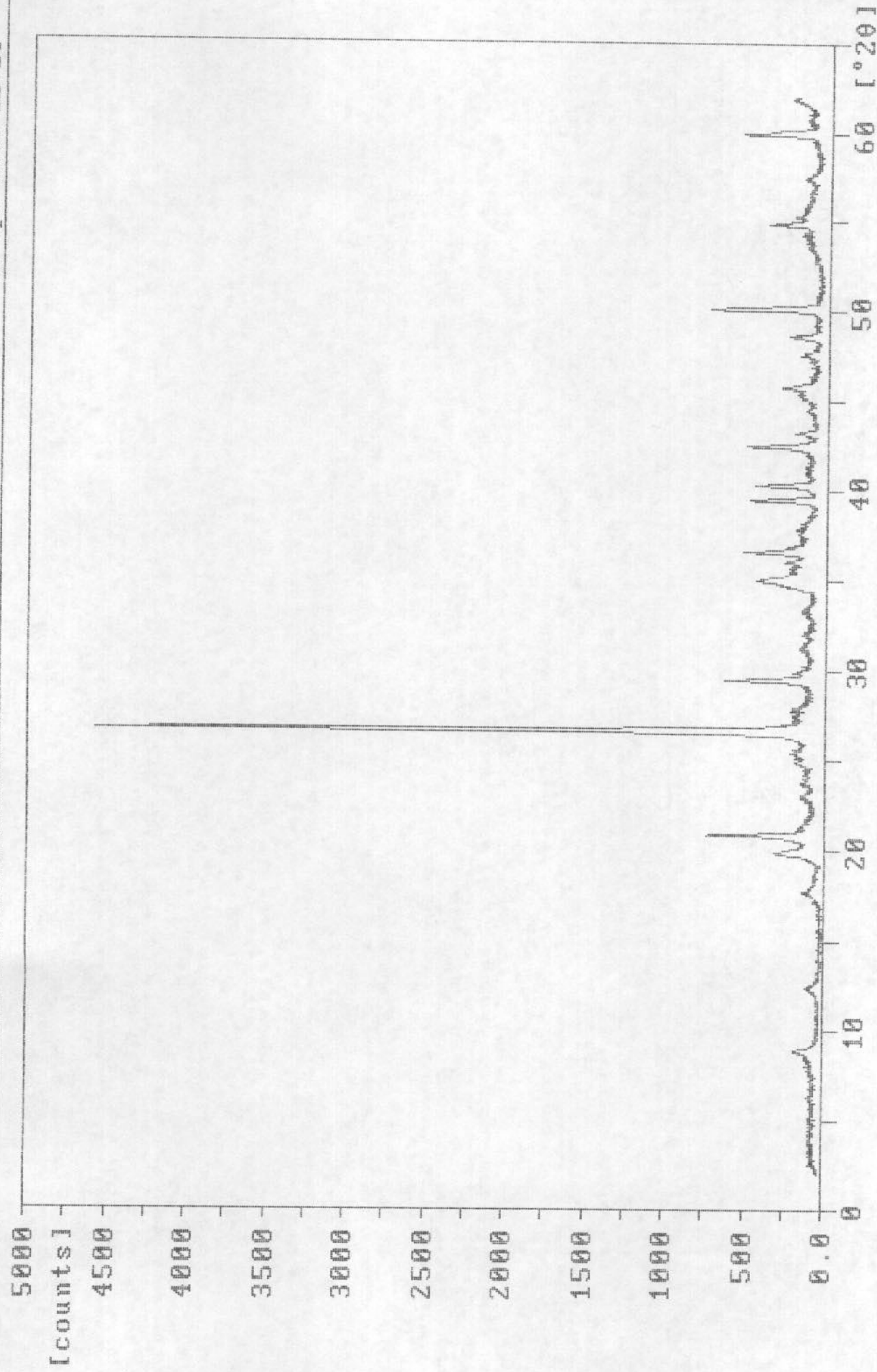
108-71A.RD

Sample identification: H161(15-9)HE-0603

2-nov-1993 12:22

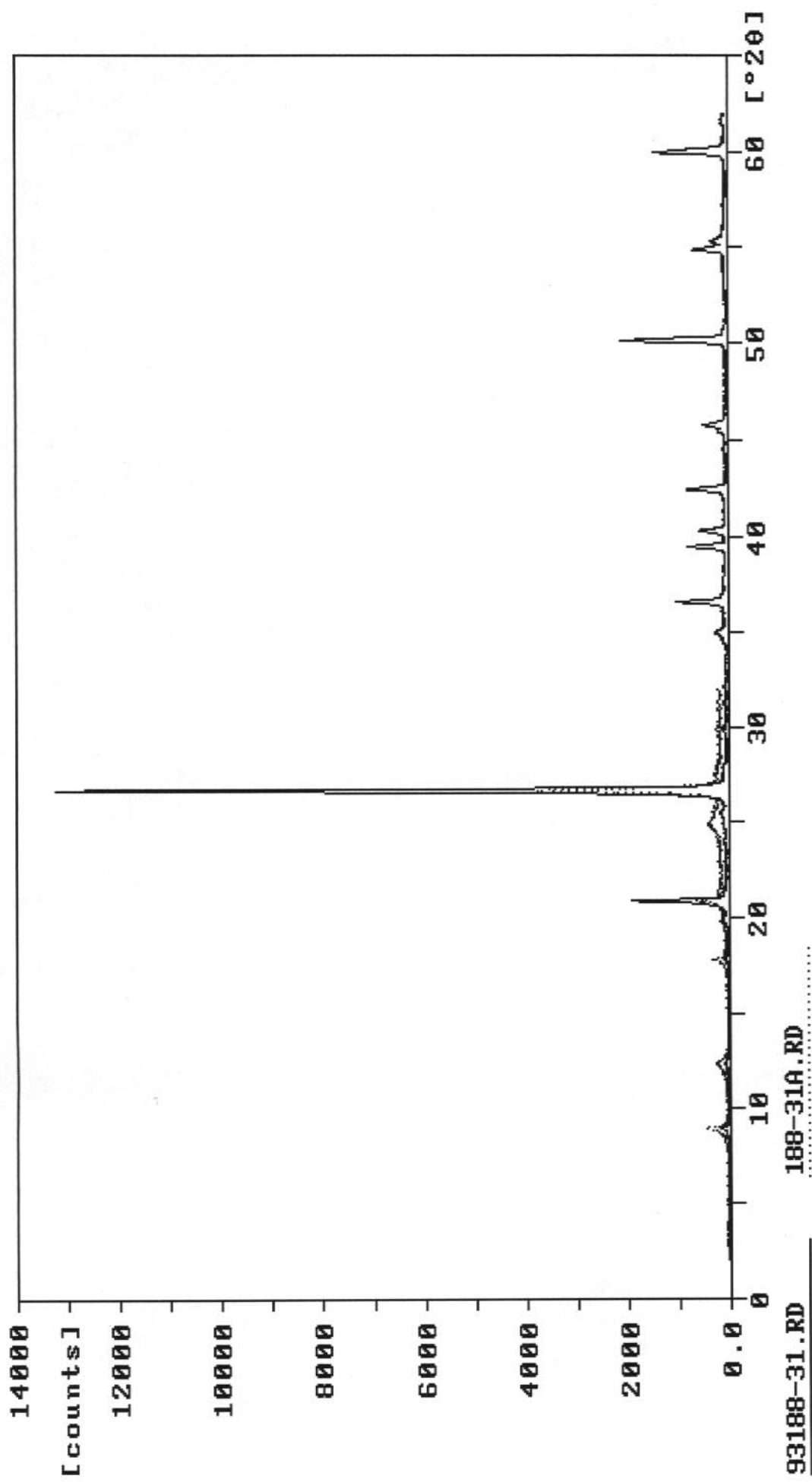


100-71.RD



Sample identification: H161(13-9)HE-0603

15-dec-1993 12:23

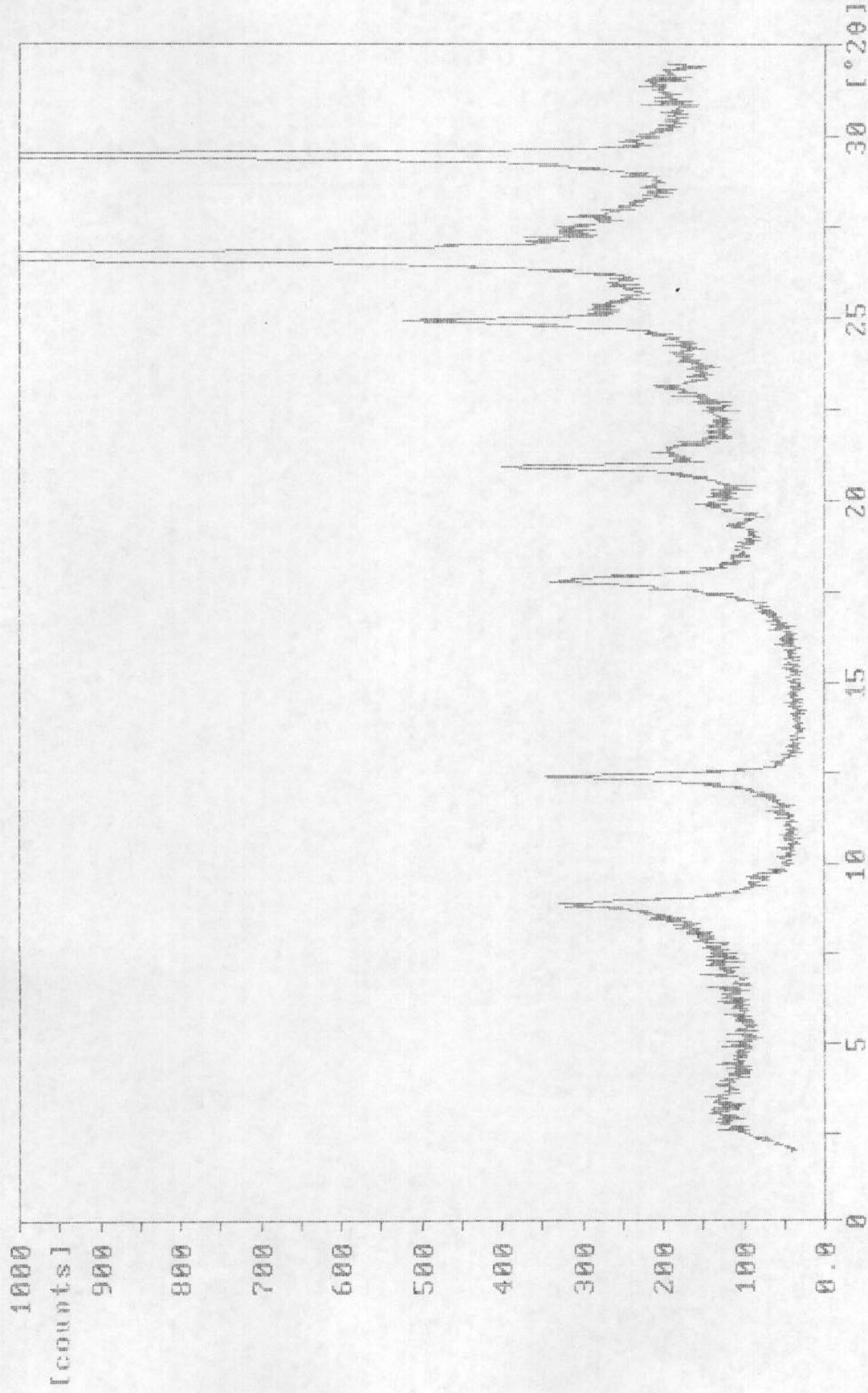


93188-31.RD

188-31A.RD

Sample identification: H163(15-9)HE-0602

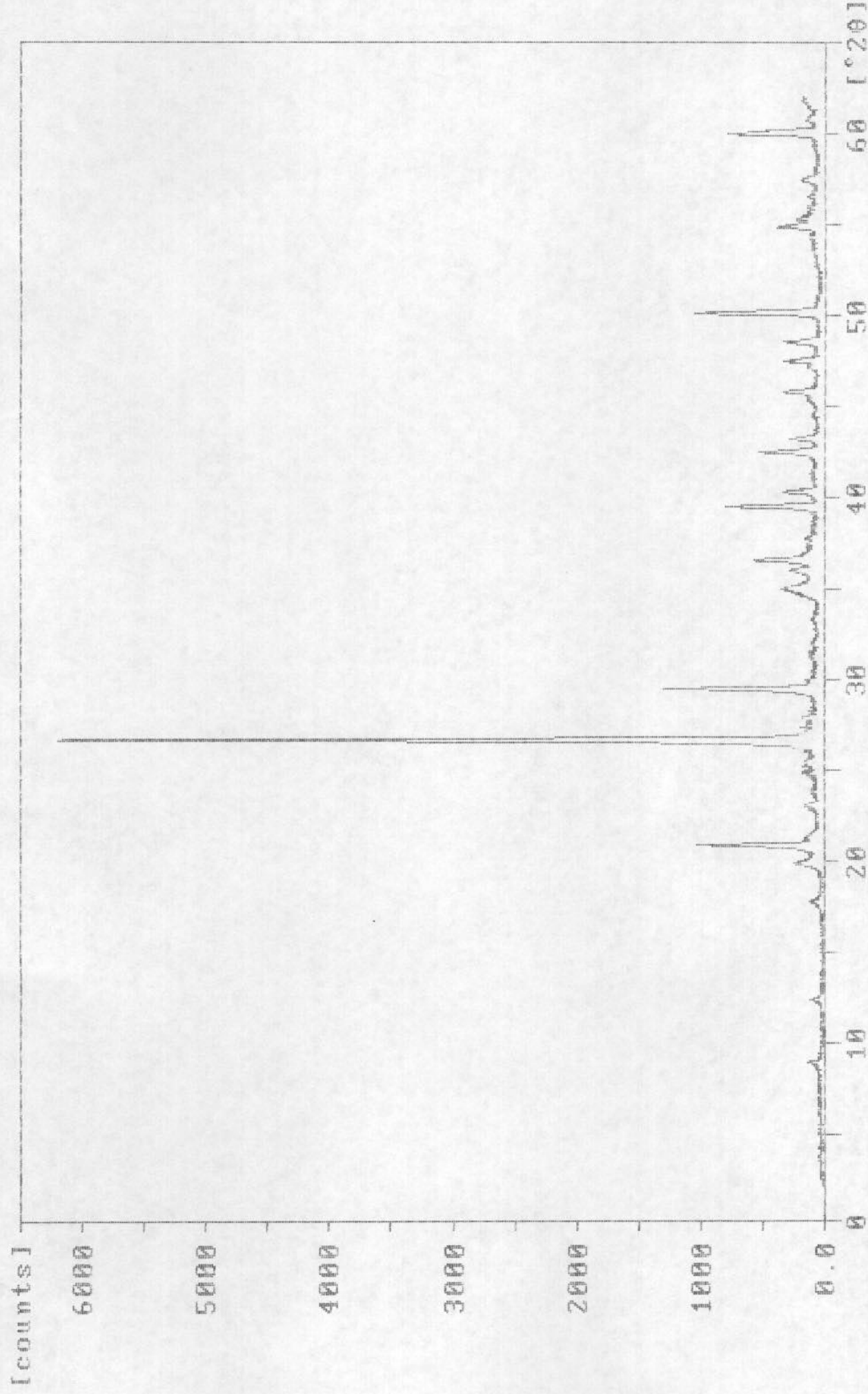
5-nov-1993 9:41



188-70A.RD

Sample identification: H163(15-9)HE-0602

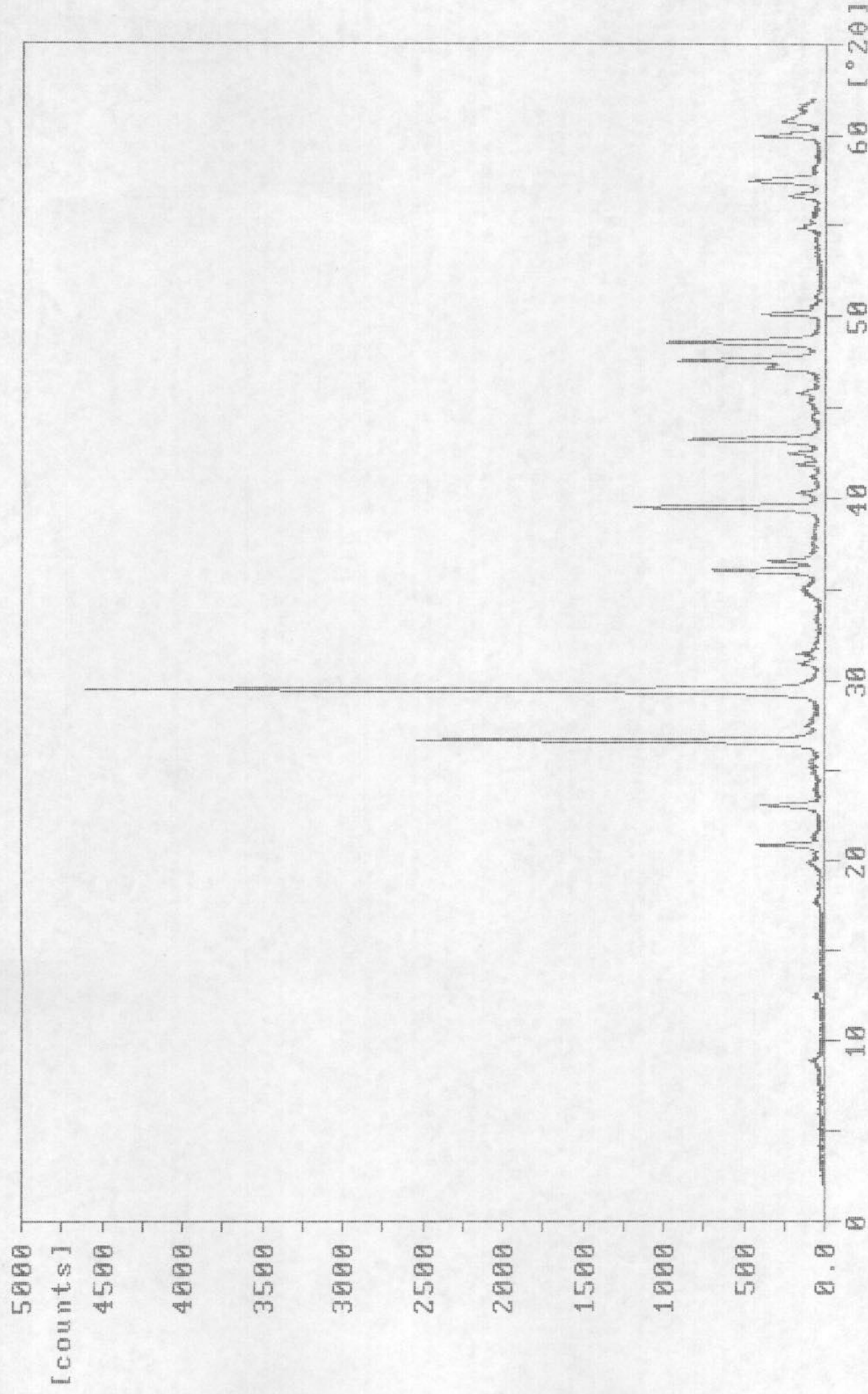
2-nov-1993 11:33



188-70.RD

Sample identification: H0JA-14-9 HE-0602

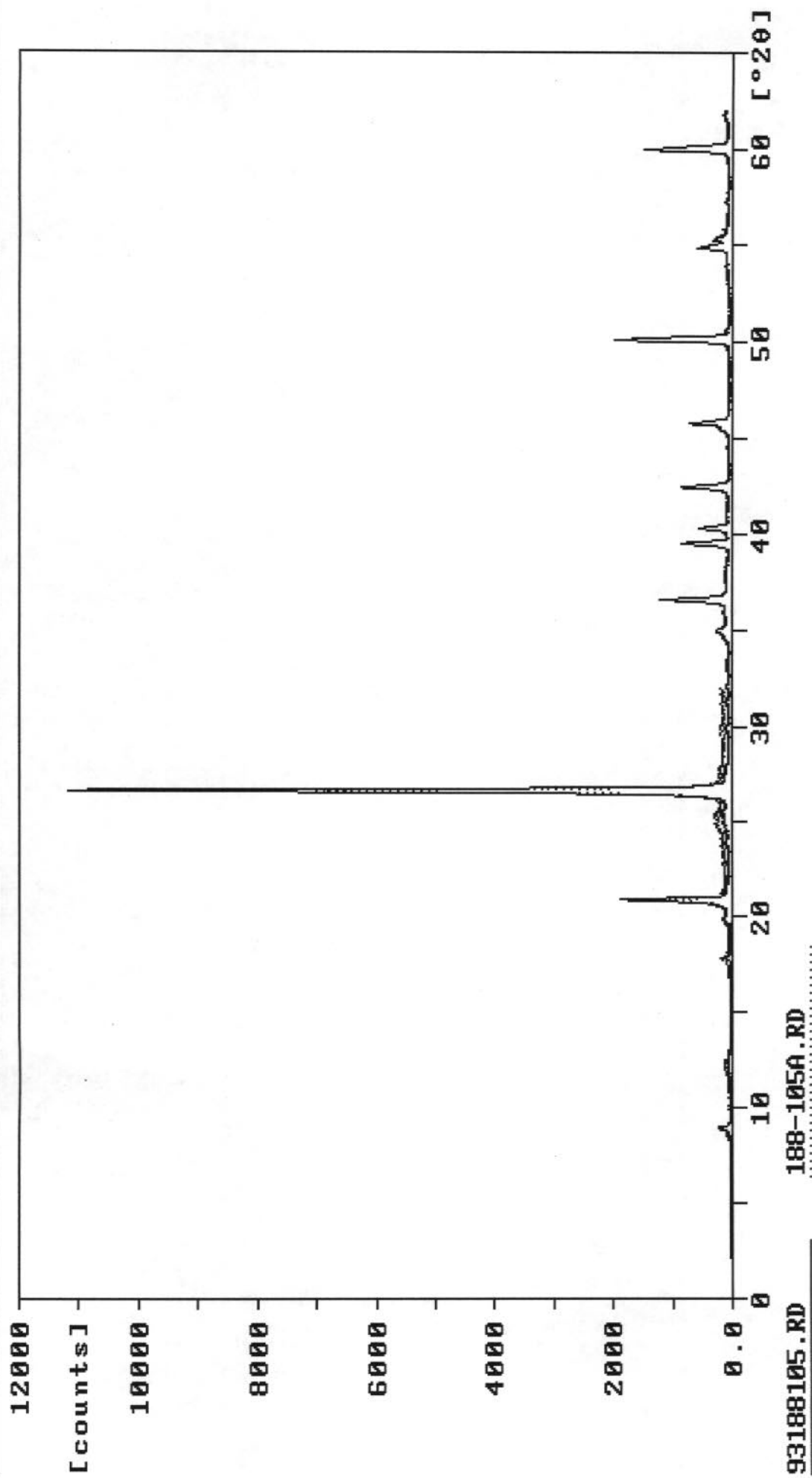
20-apr-1993 14:04



080-17.RD

Sample identification: H161(13-9)HE-0602

15-dec-1993 12:21

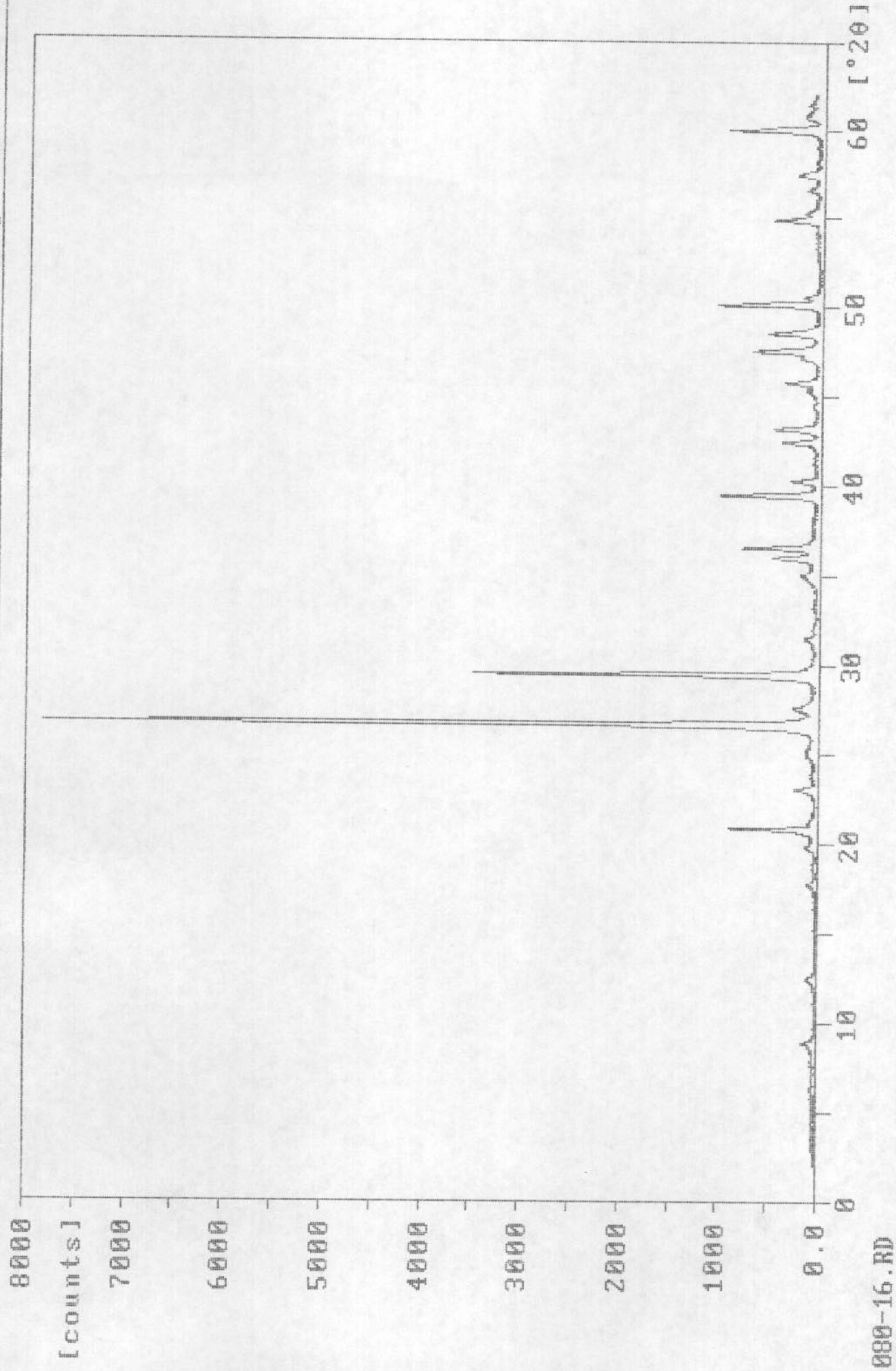


93188105.RD

188-105A.RD

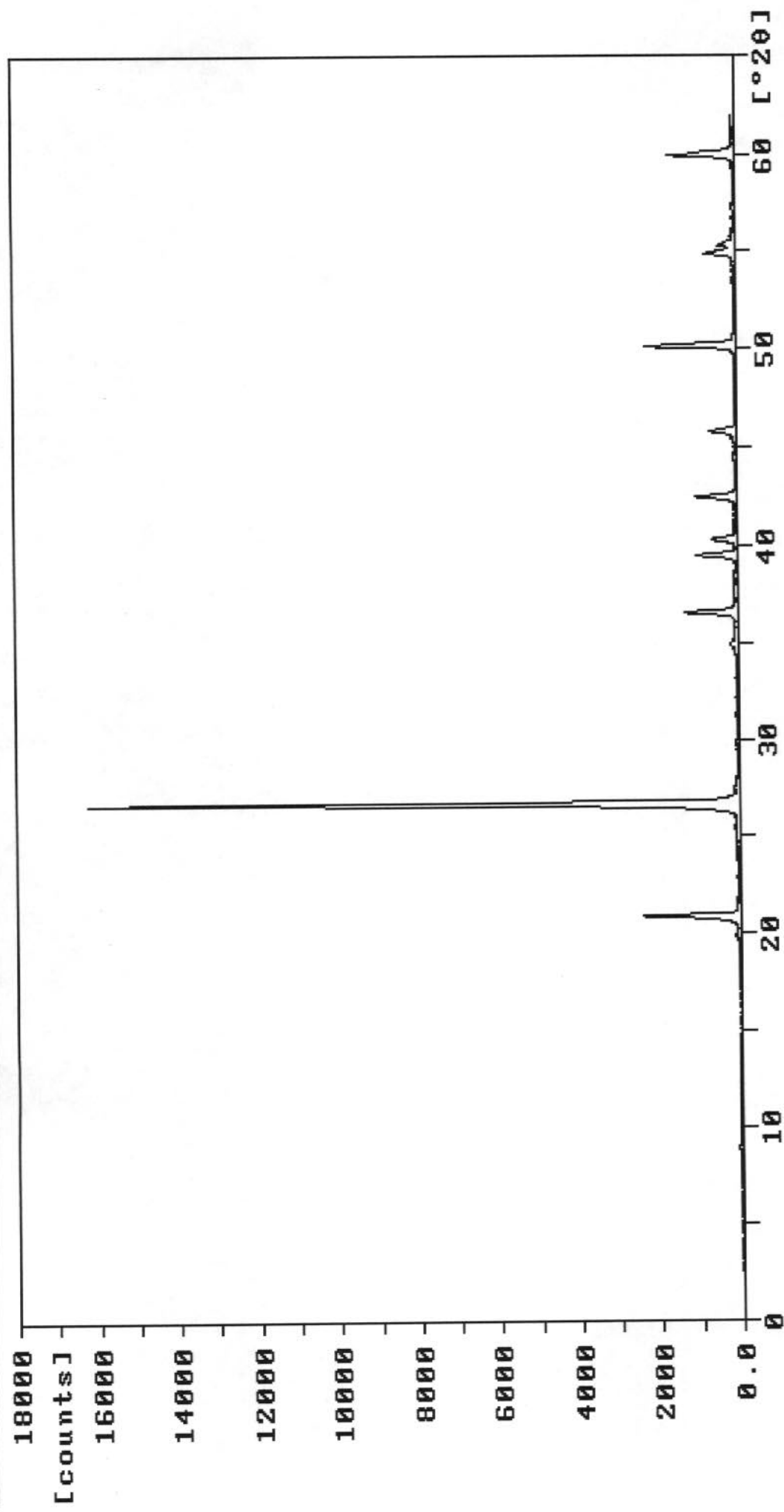
Sample identification: HOJA-14-9 HE-0601

20-apr-1993 13:33



Sample identification: H-161 (13-9)HE-0601

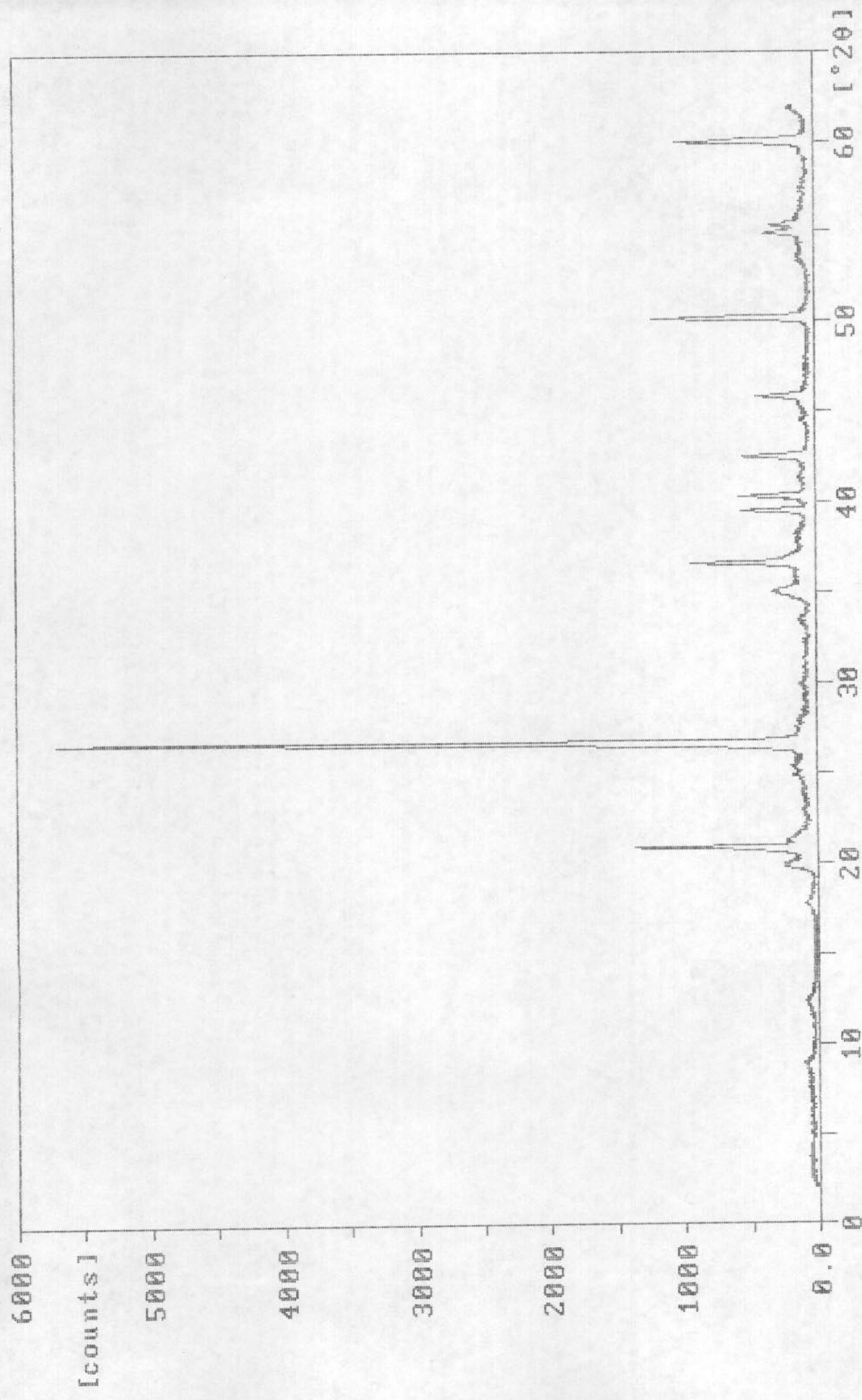
15-dec-1993 12:20



93188-30.RD

Sample identification: H162(14-9)HE-0518

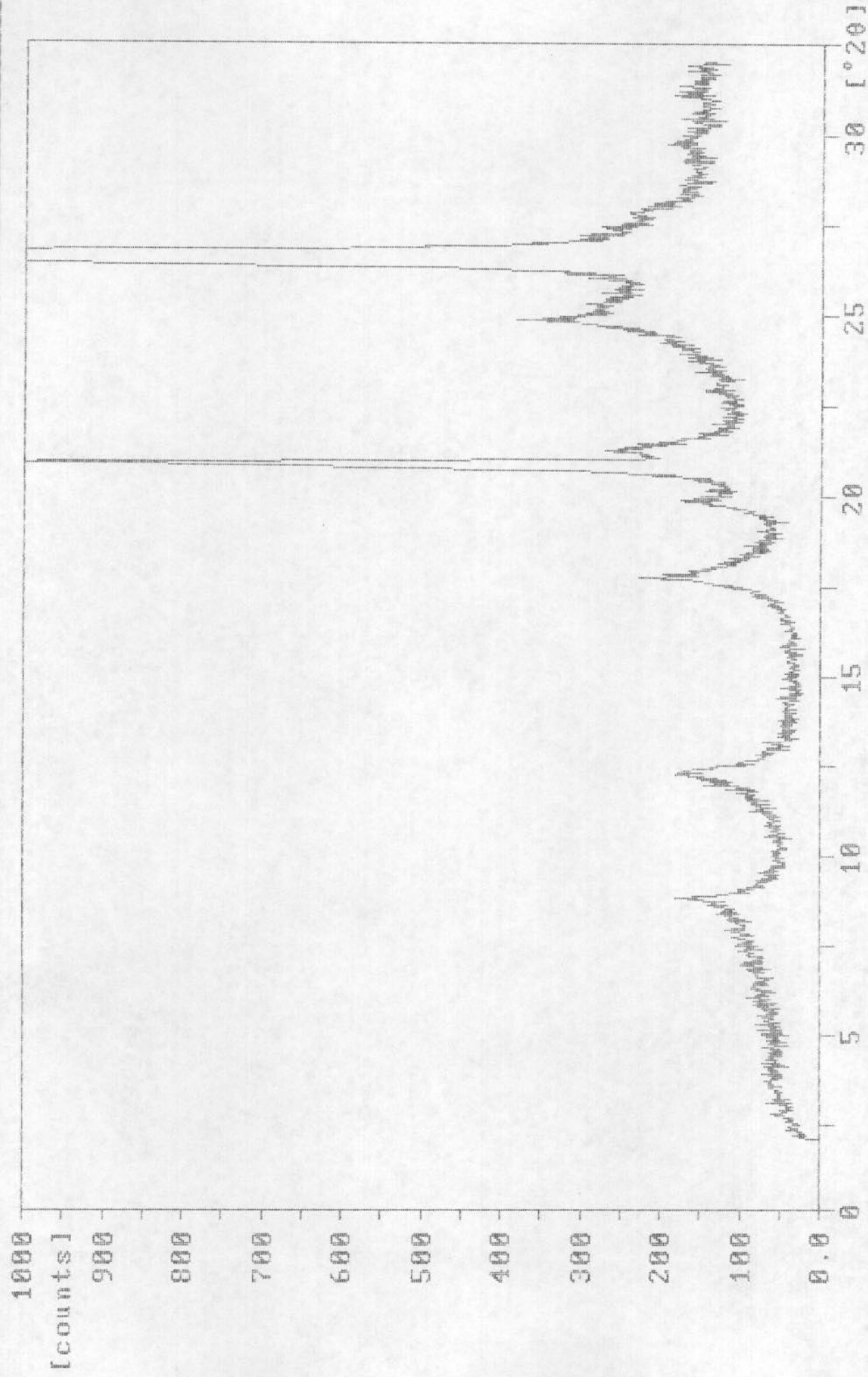
26-oct-1993 15:46



188-68.RD

Sample identification: H162(14-9)he-0518

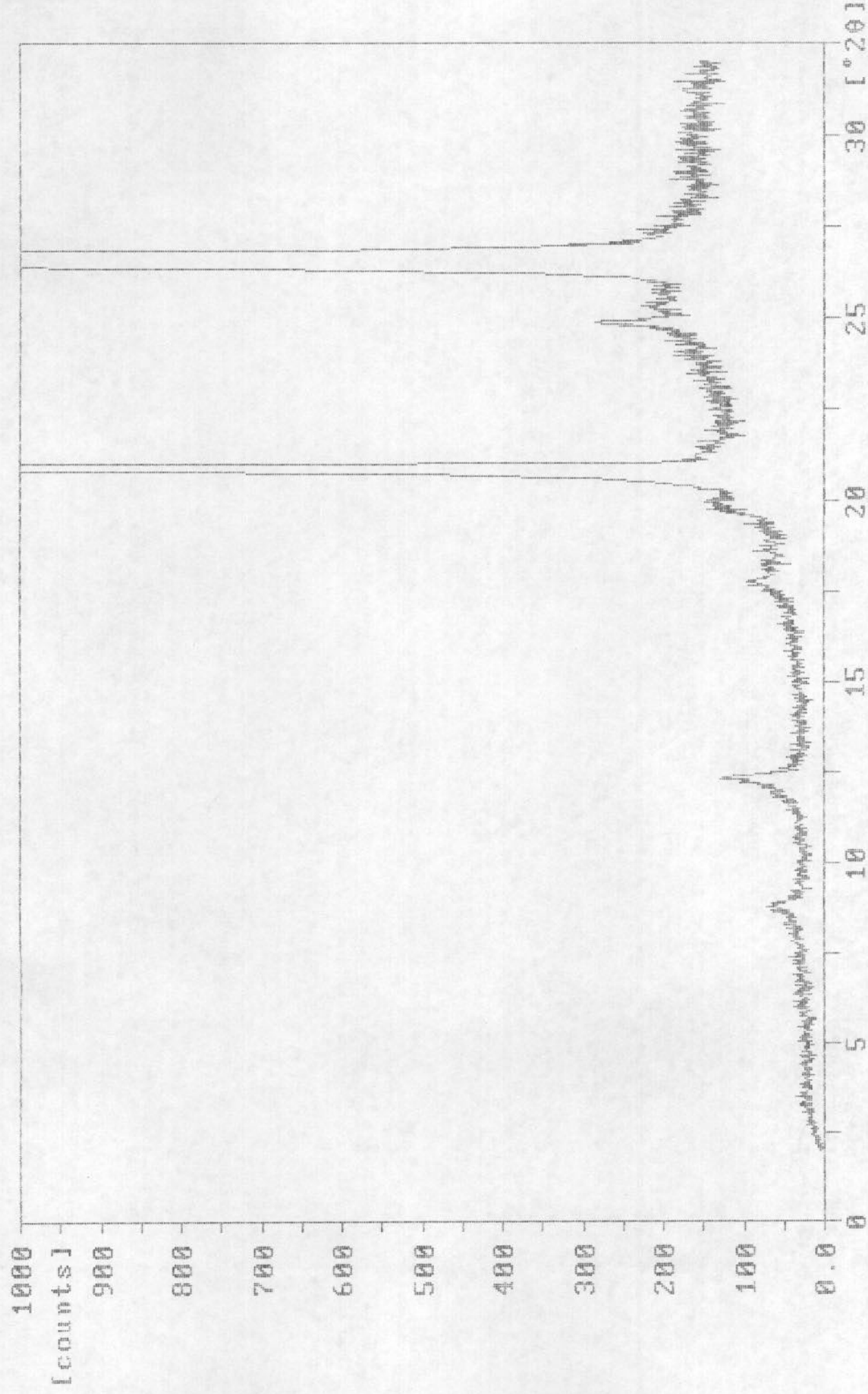
29-oct-1993 10:41



188-68A.RD

Sample identification: H162(14-9)HE-0517

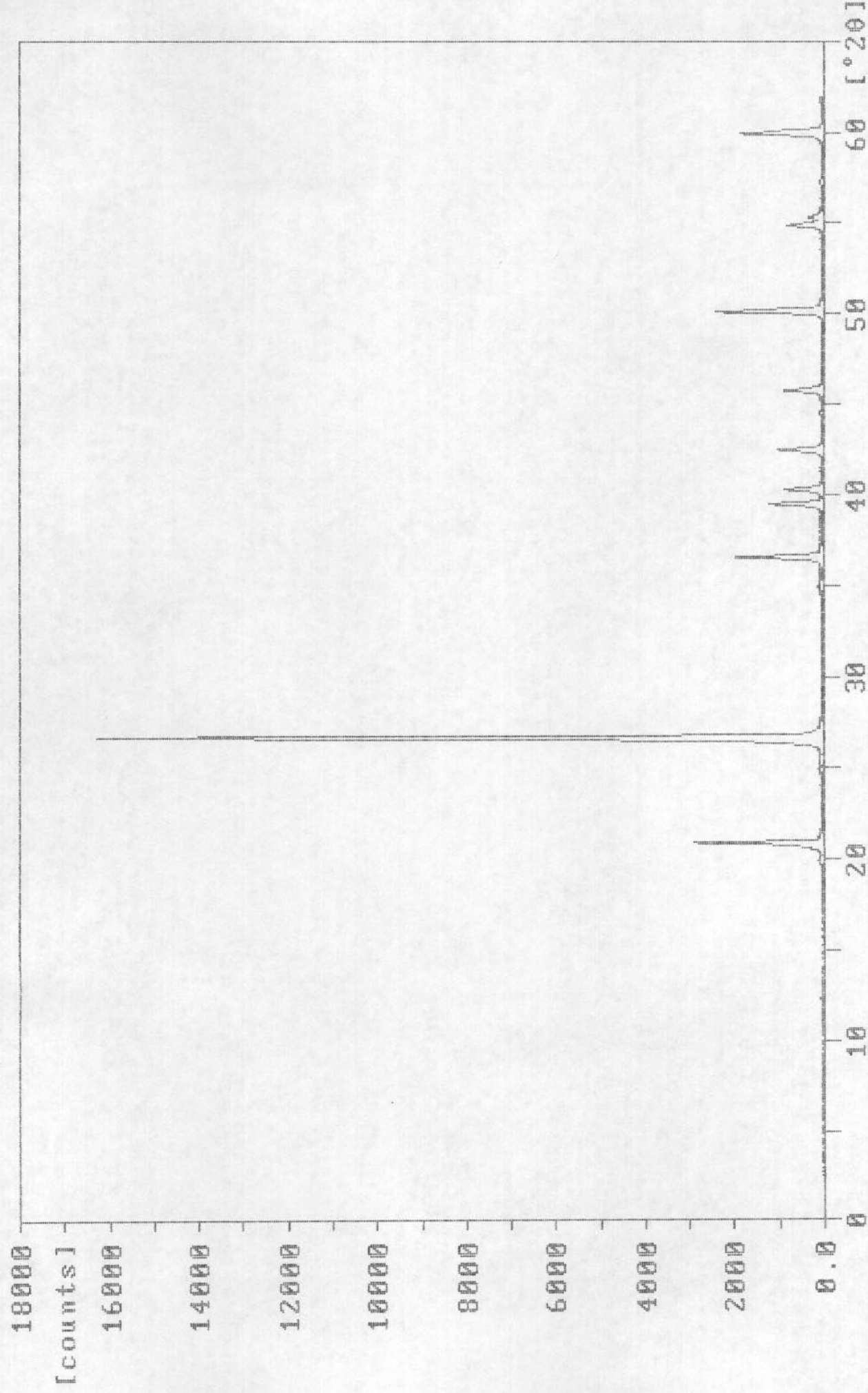
29-oct-1993 10:25



188-67A.RD

Sample identification: H16Z(14-9)HE-0517

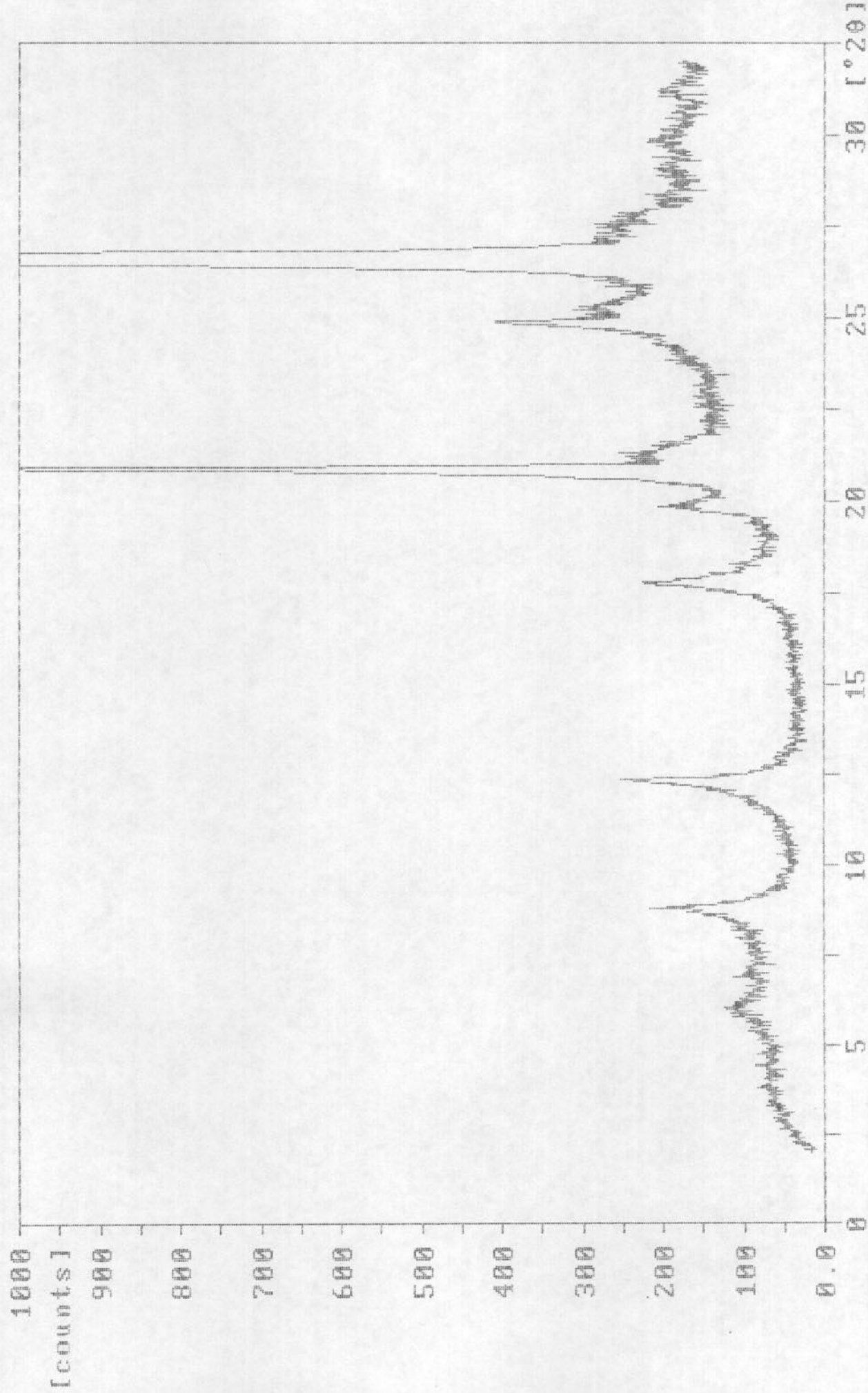
26-oct-1993 15:13



188-67.RD

Sample identification: H162(14-9)HE-0516

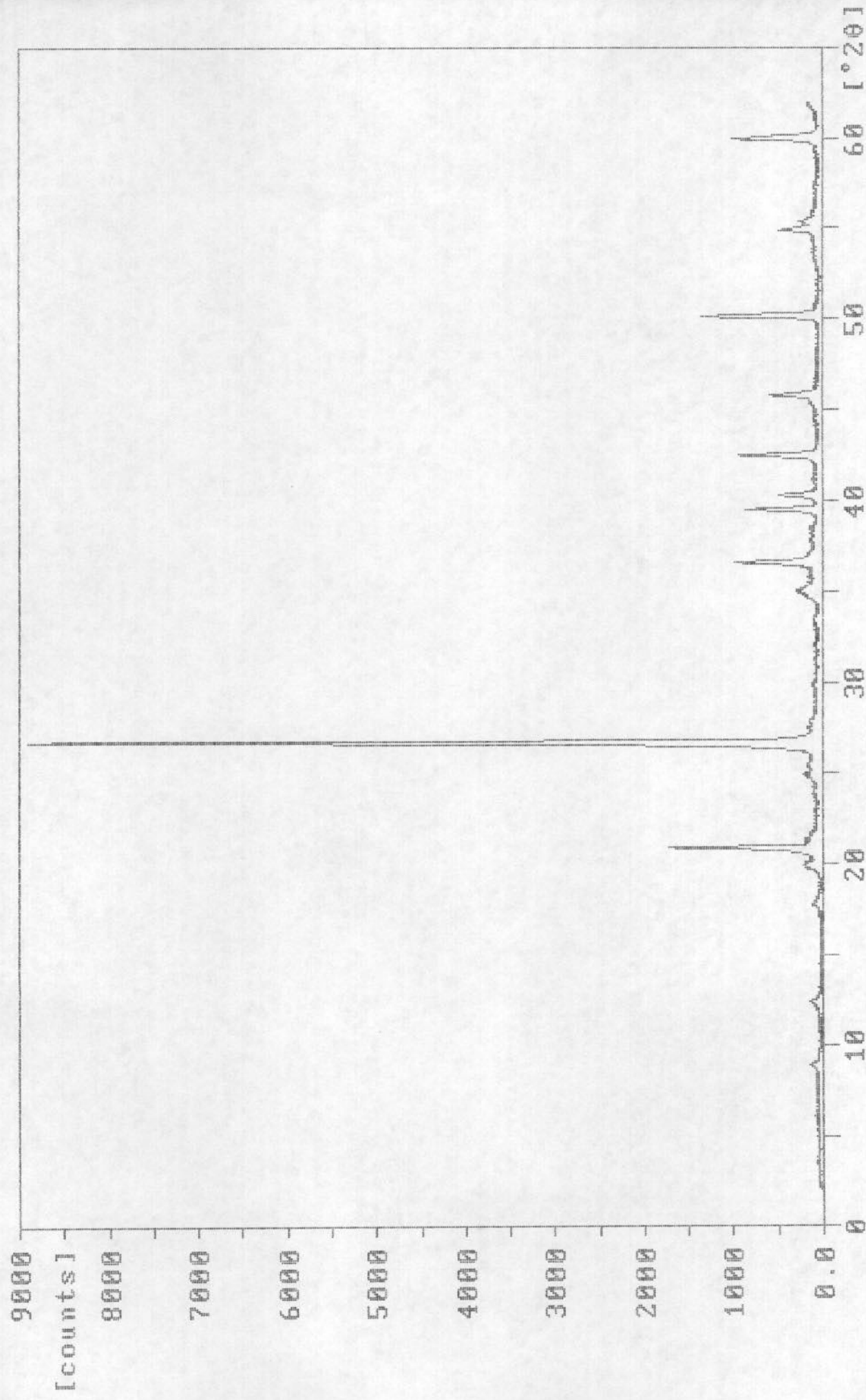
29-oct-1993 9:46



108-66A.RD

Sample identification: H162(14-9)HE-0516

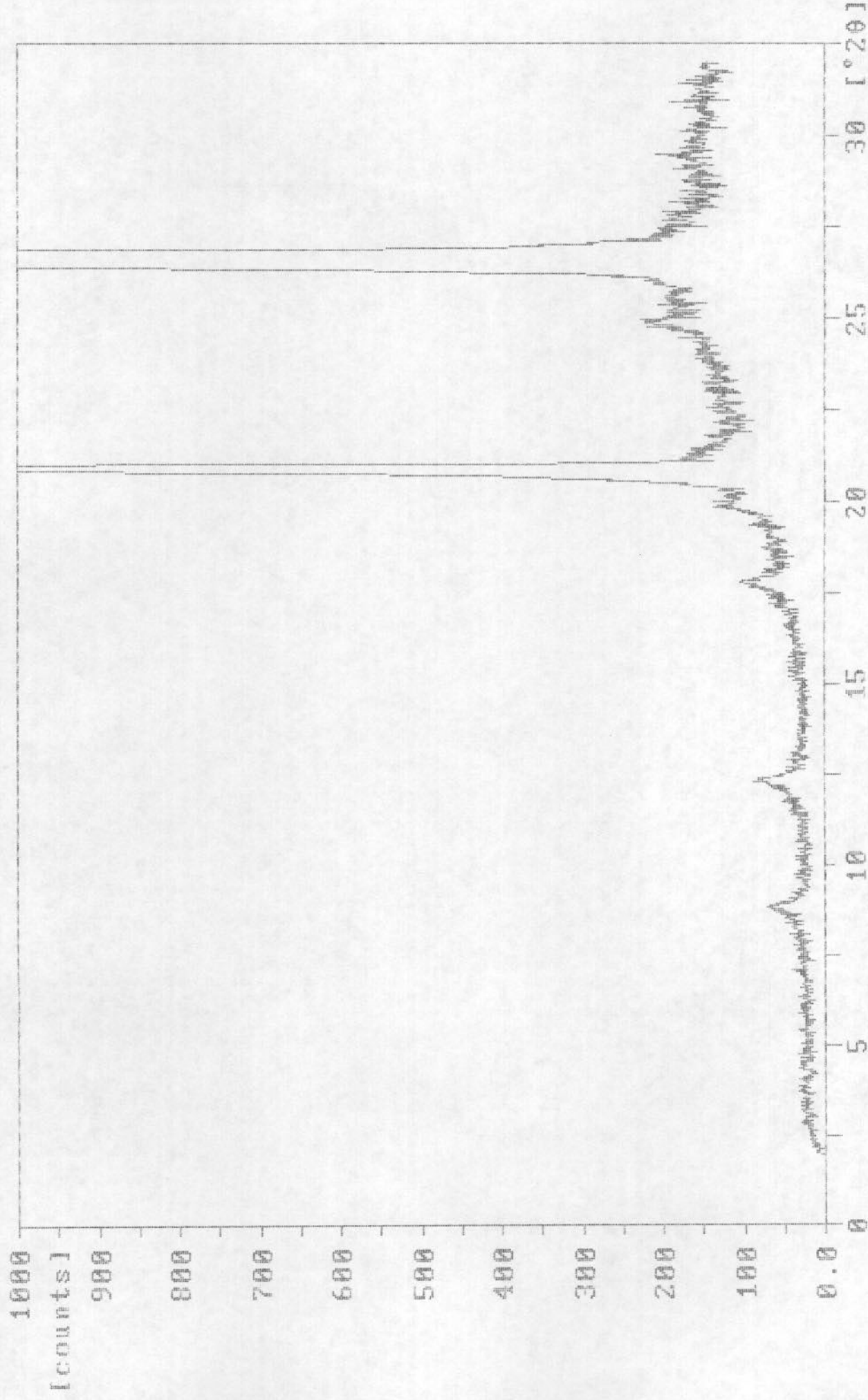
26-oct-1993 13:42



188-66.RD

Sample identification: H162(14-9)HE-0515

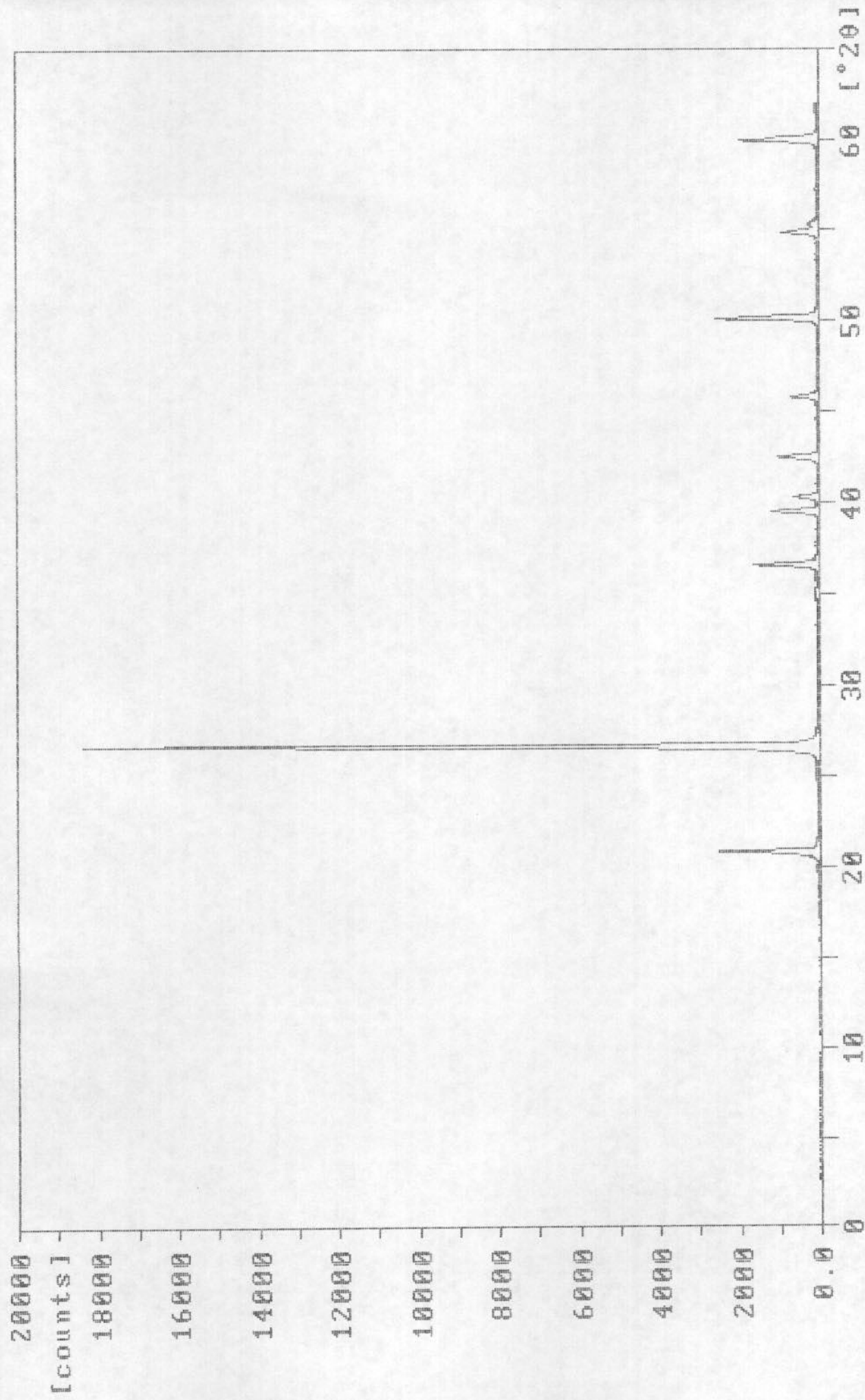
29-oct-1993 9:29



188-65A.RD

Sample identification: H162(14-9)HE-0515

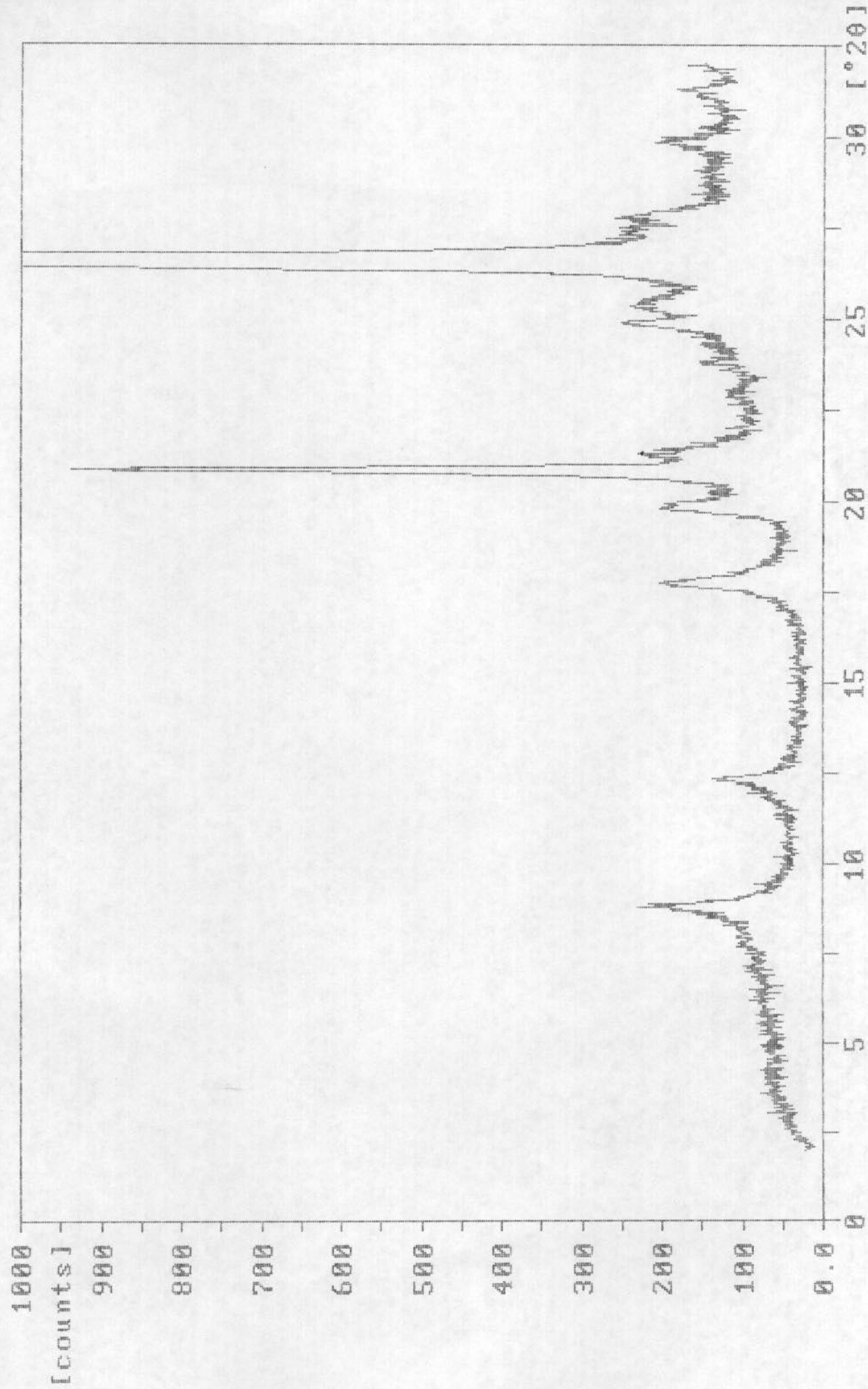
26-oct-1993 13:11



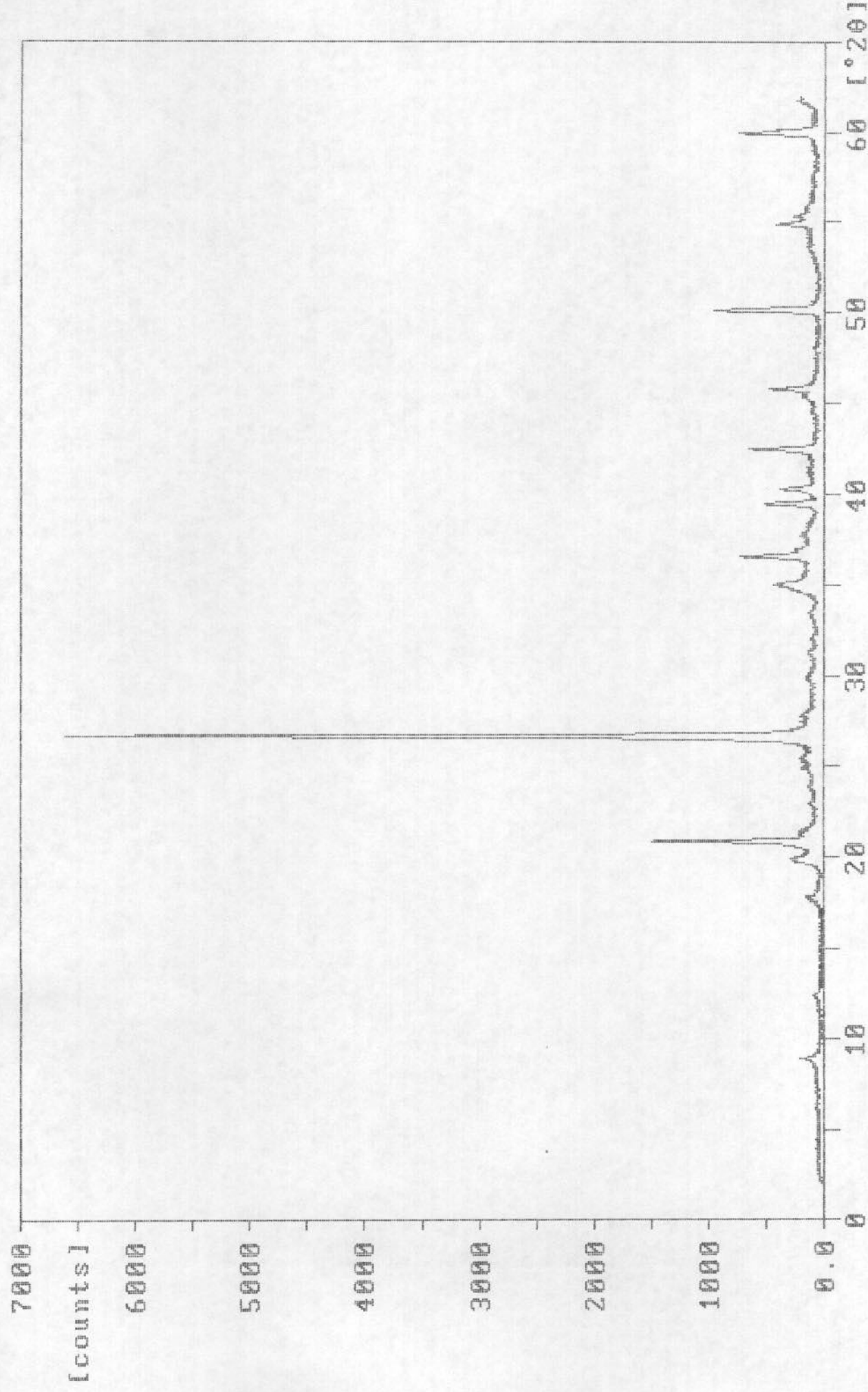
188-65.RD

Sample identification: H162(14-9)HE-0514

28-oct-1993 12:14

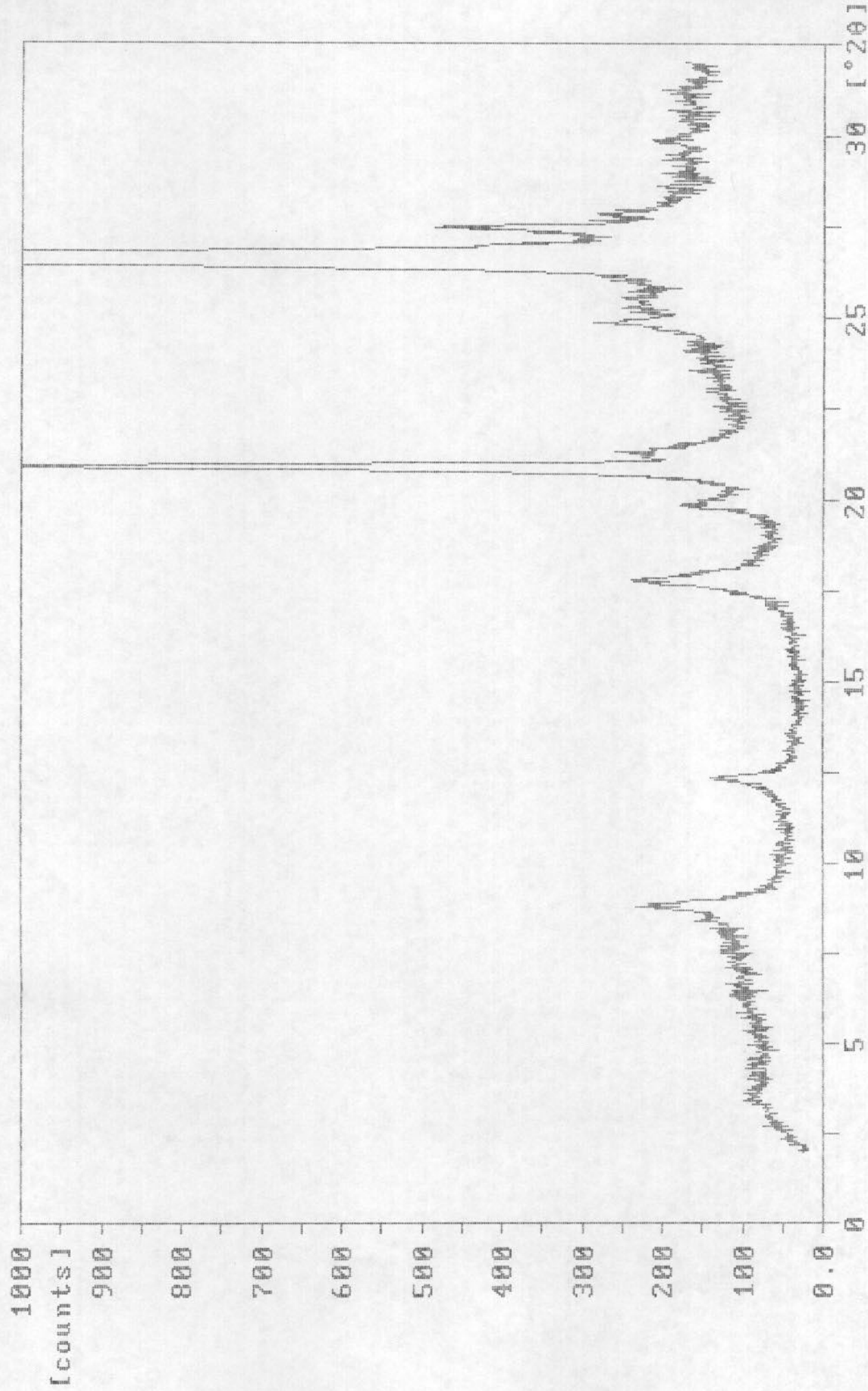


188-64A.RD



Sample identification: H162(14-9)HE-0513

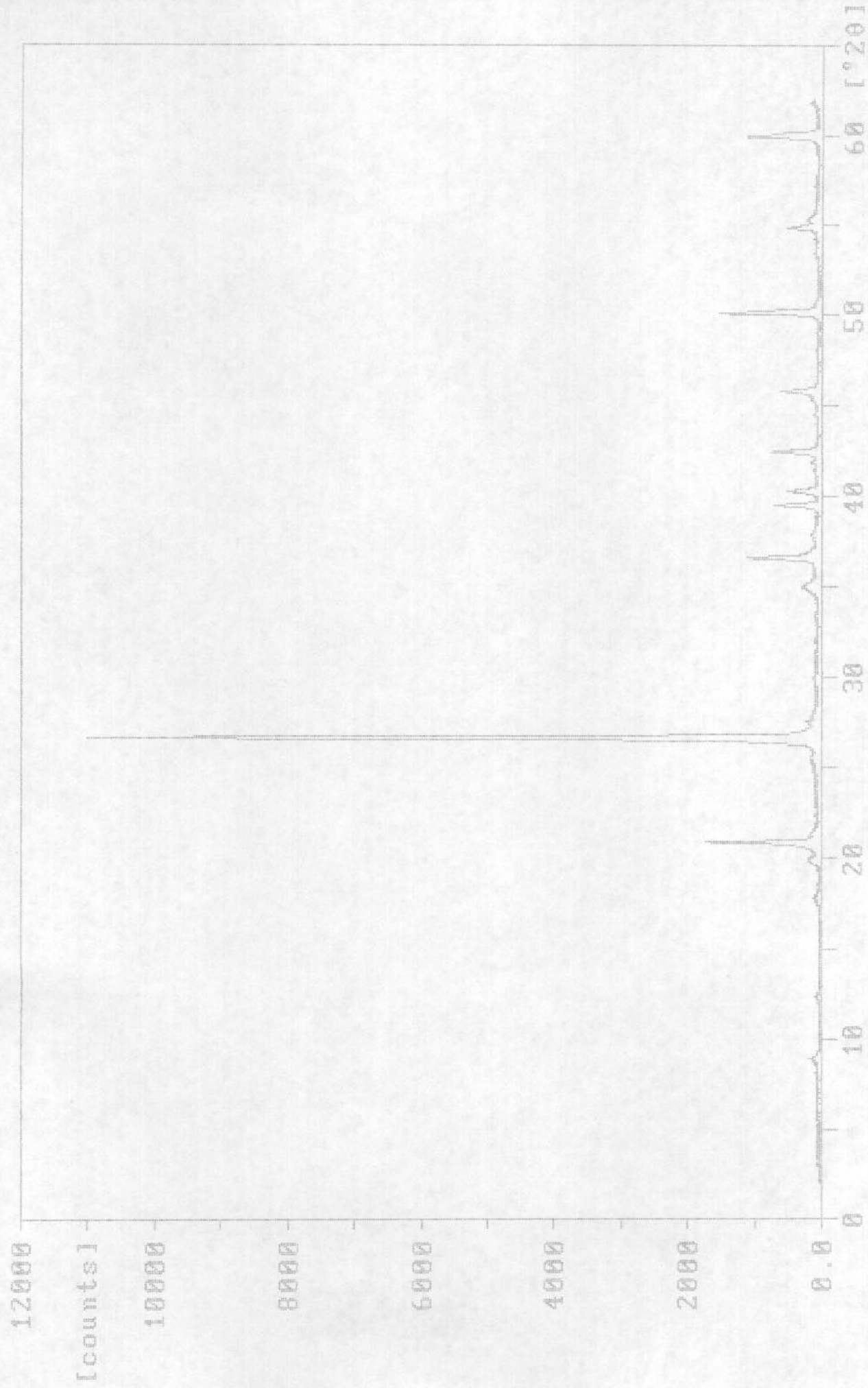
28-oct-1993 9:53



188-63A.RD

Sample identification: H162(14-9)HE-0513

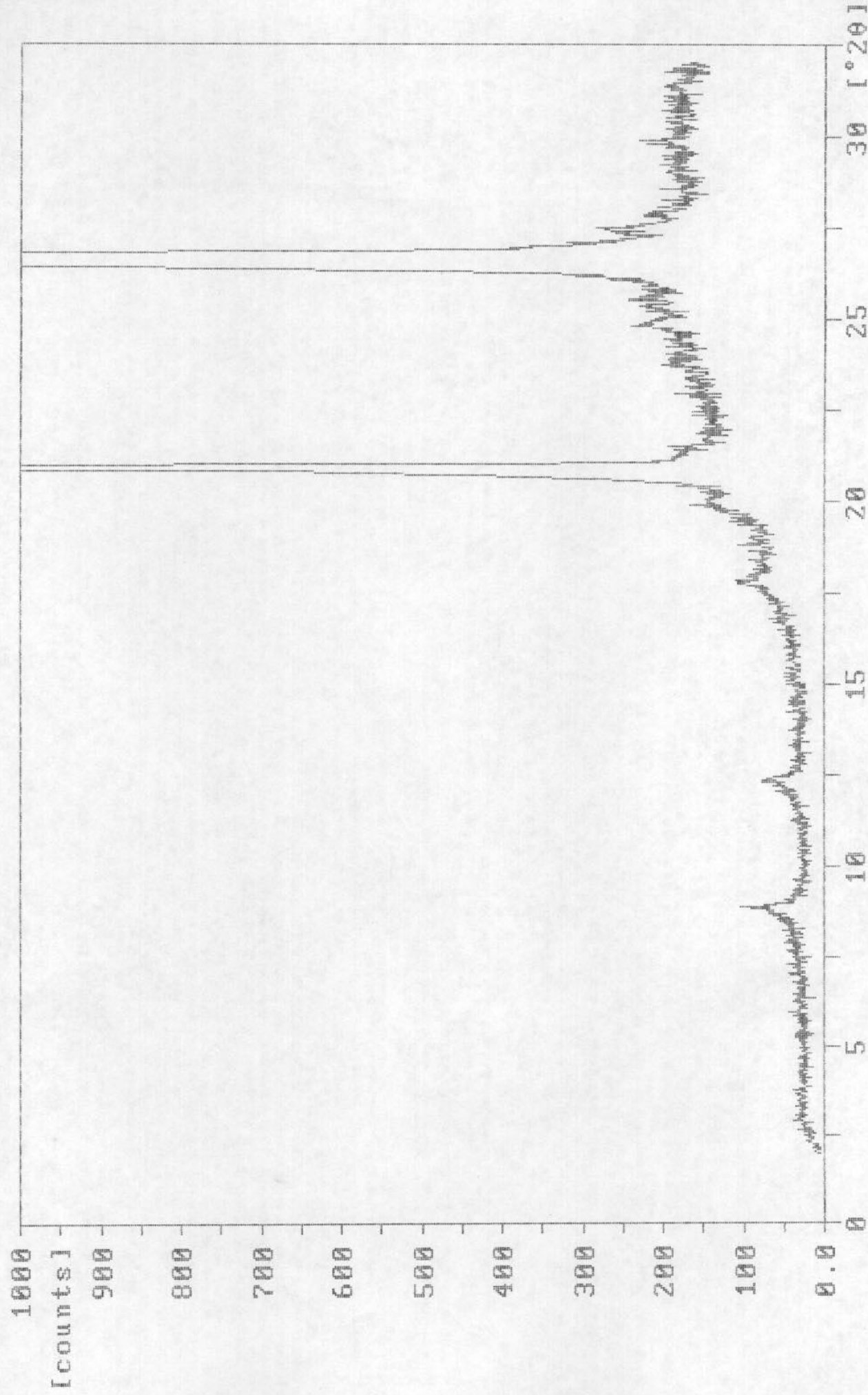
19-oct-1993 15:53



188-63.RD

Sample identification: H162(14-9)HE-0512

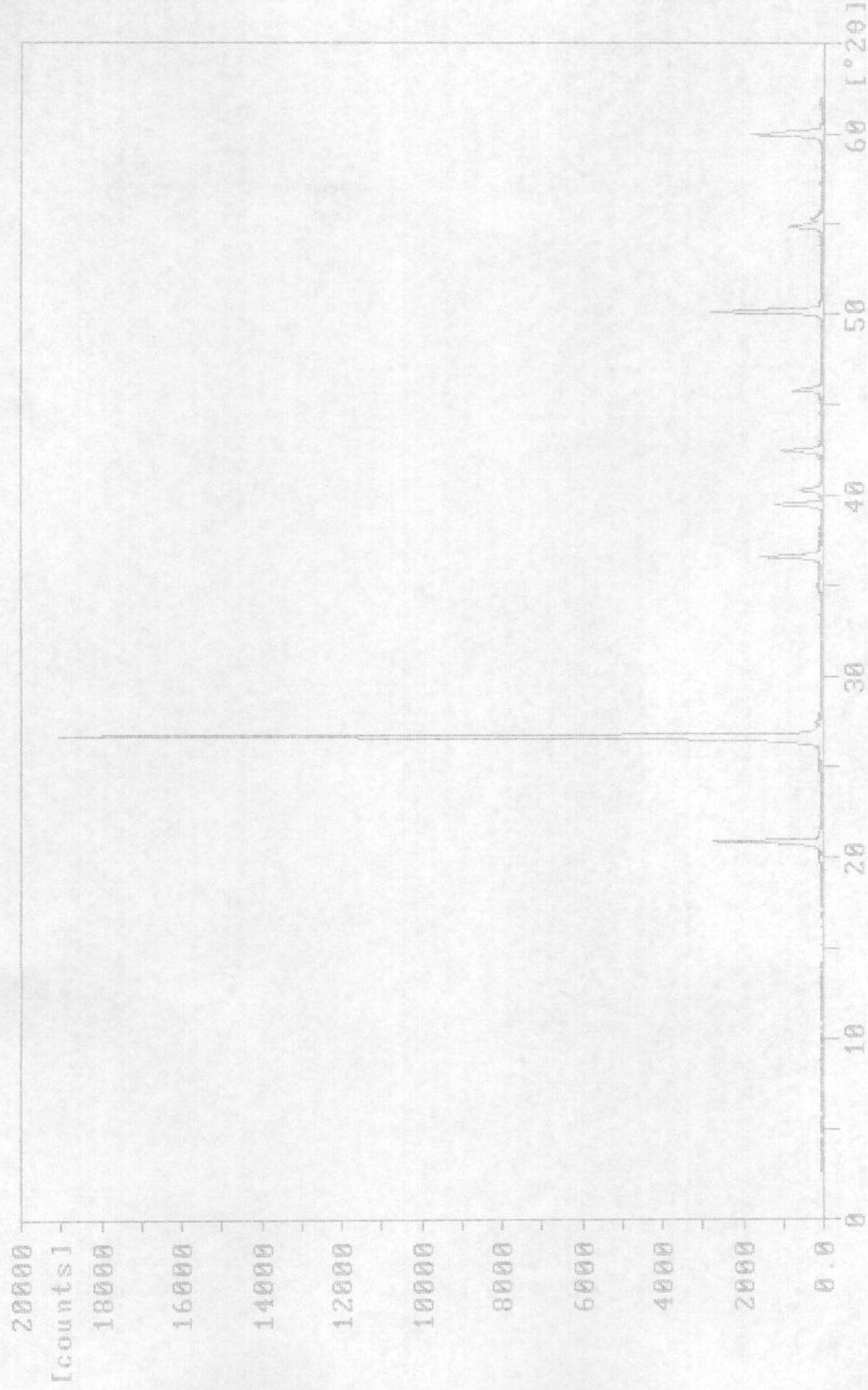
28-oct-1993 9:36



188-62A.RD

Sample identification: H-162(14-9)HE-0512

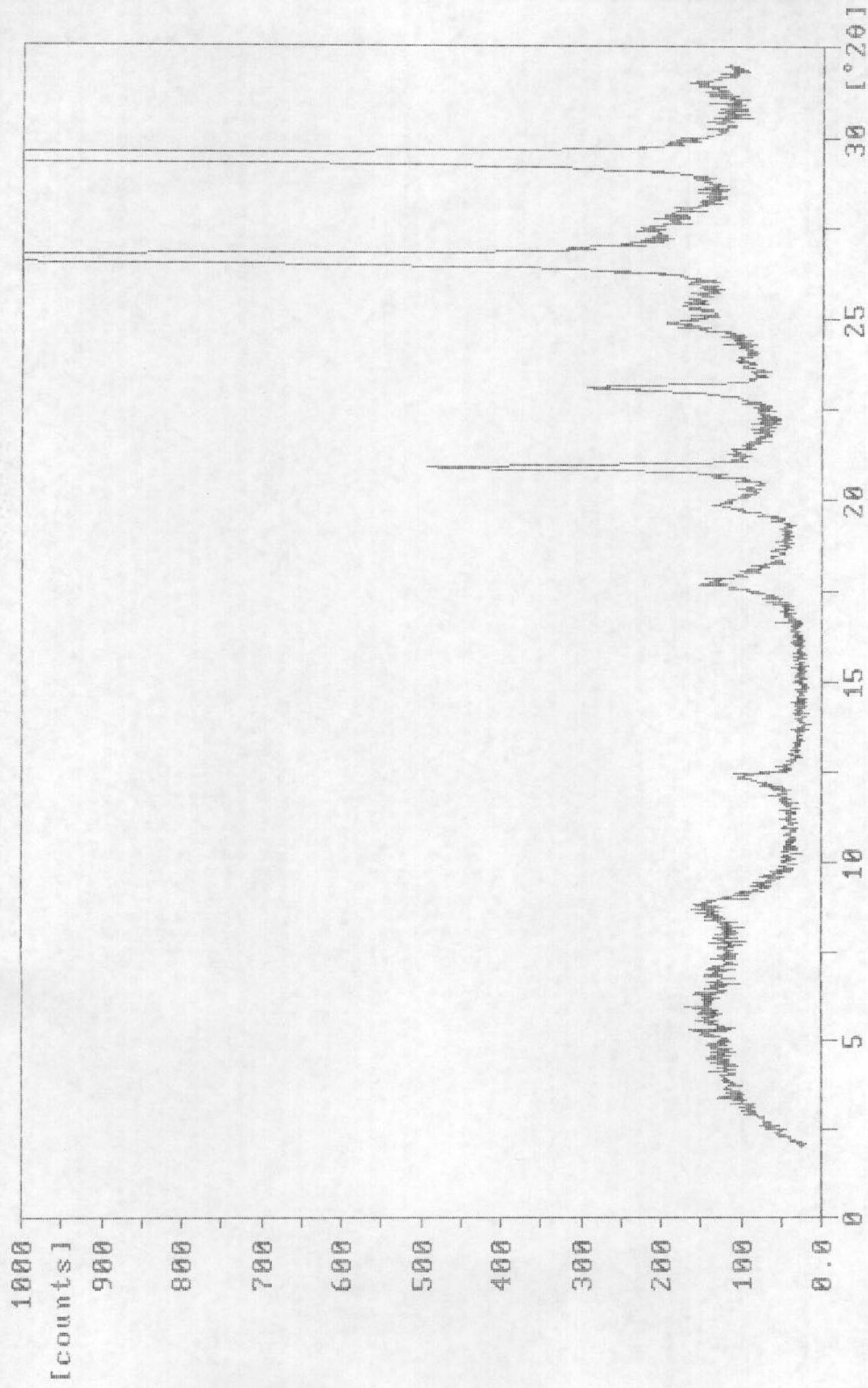
19-oct-1993 12:12



188-62.RD

Sample identification: H162(14-9)HE-0511

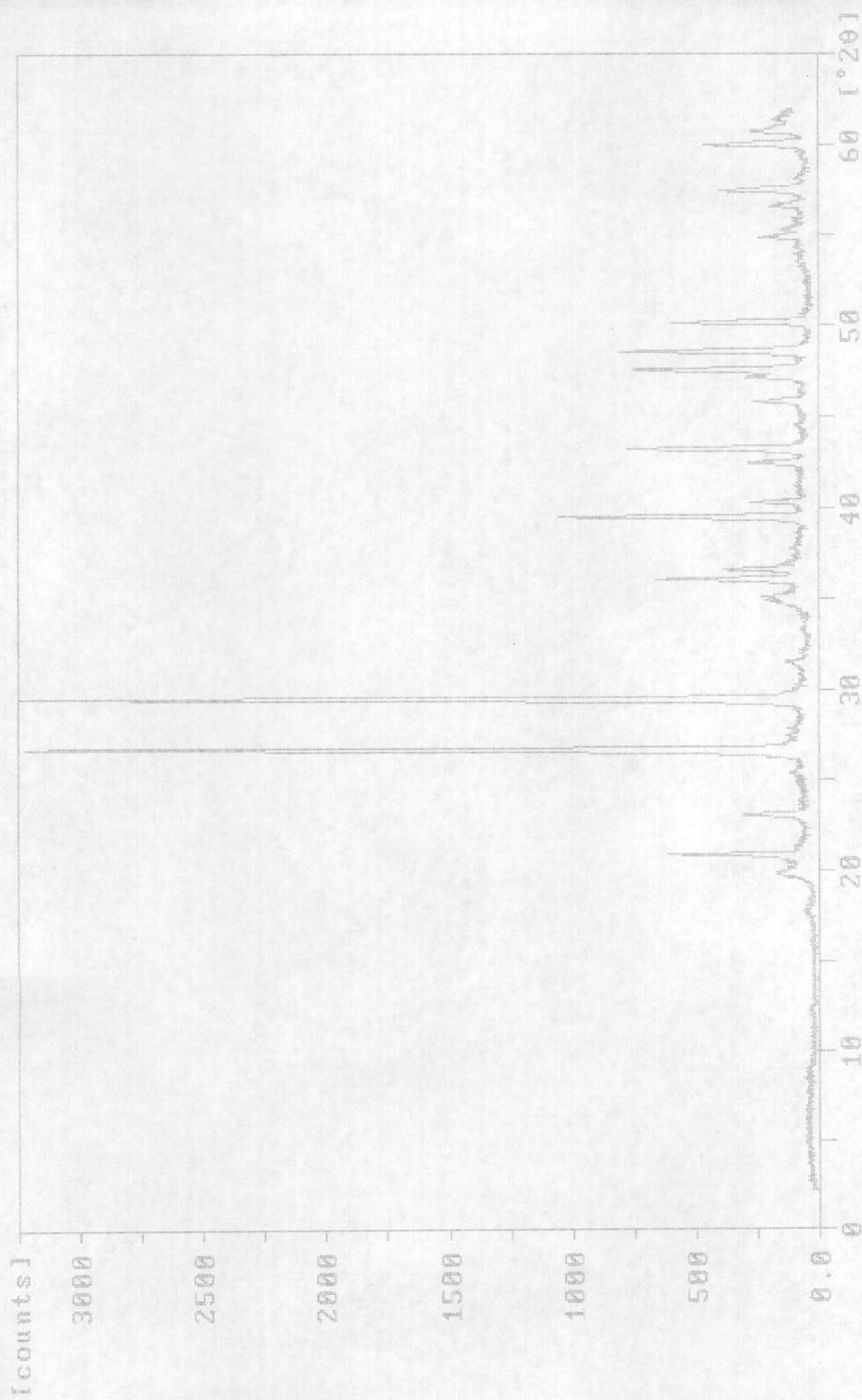
28-oct-1993 9:18



188-61A.RD

Sample identification: H162(14-9)HE-0511

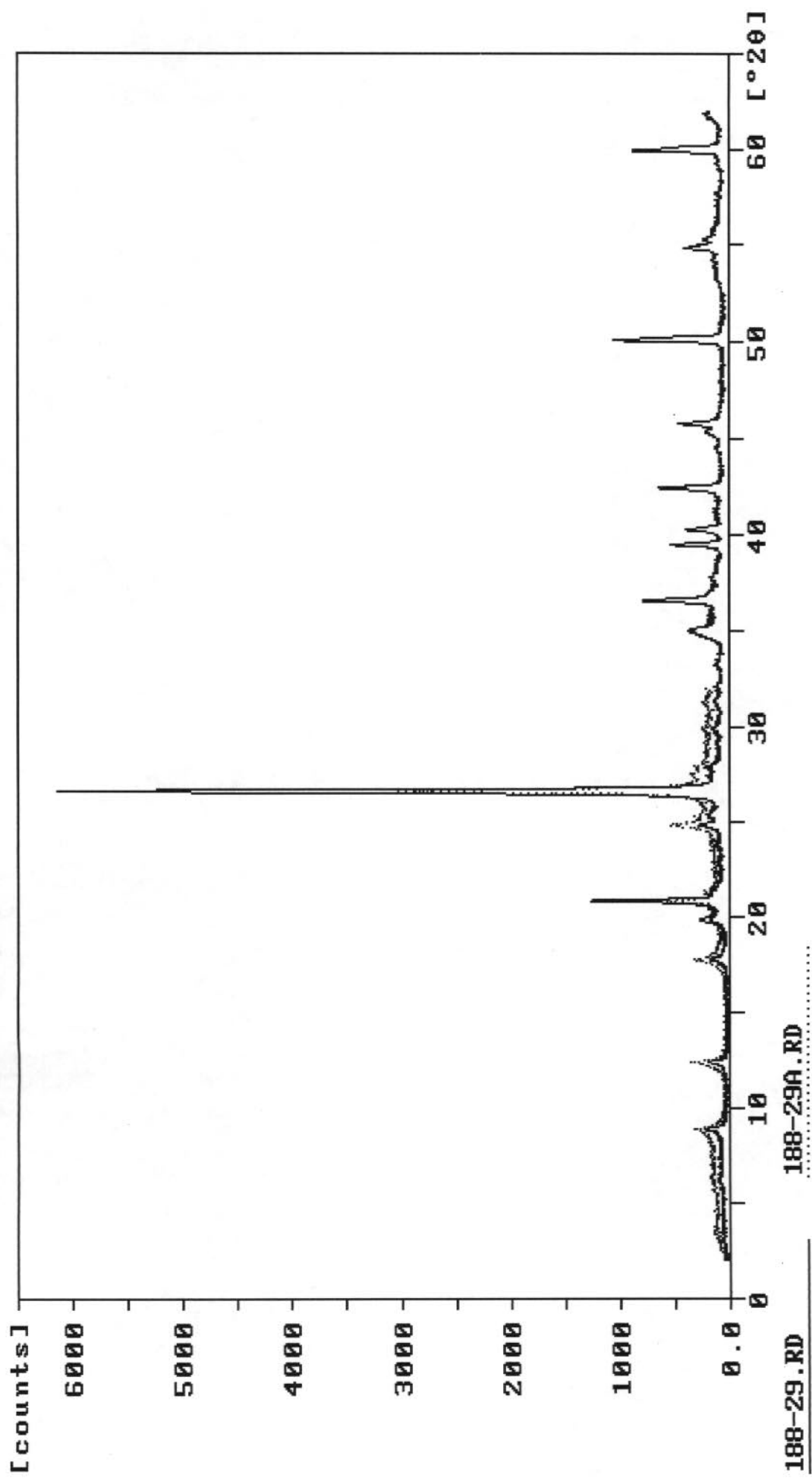
19-oct-1993 11:25



188-61.RD

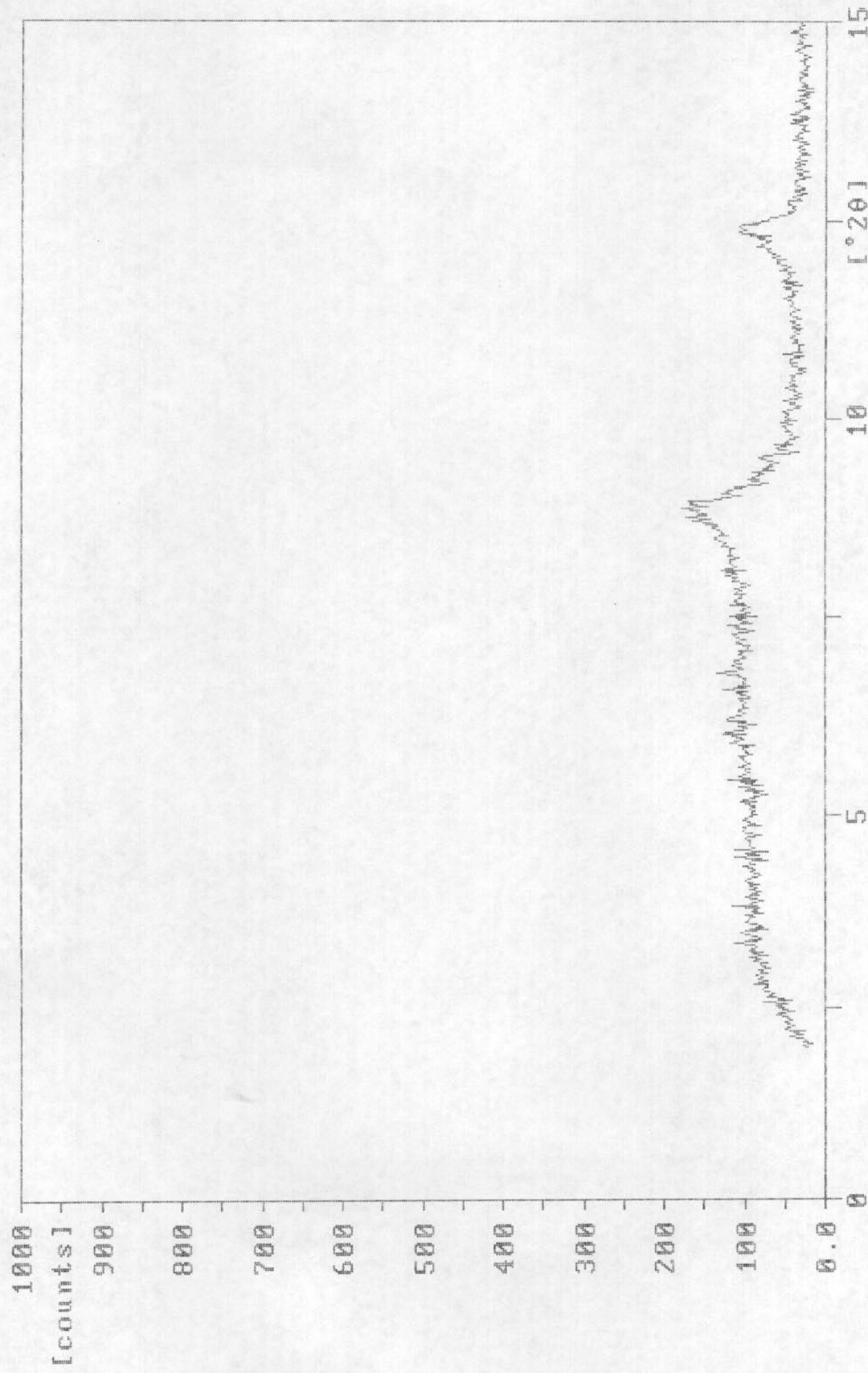
Sample identification: H161(13-9)HE-0510

14-dec-1993 16:51



Sample identification: H162(14-9)HE-0510

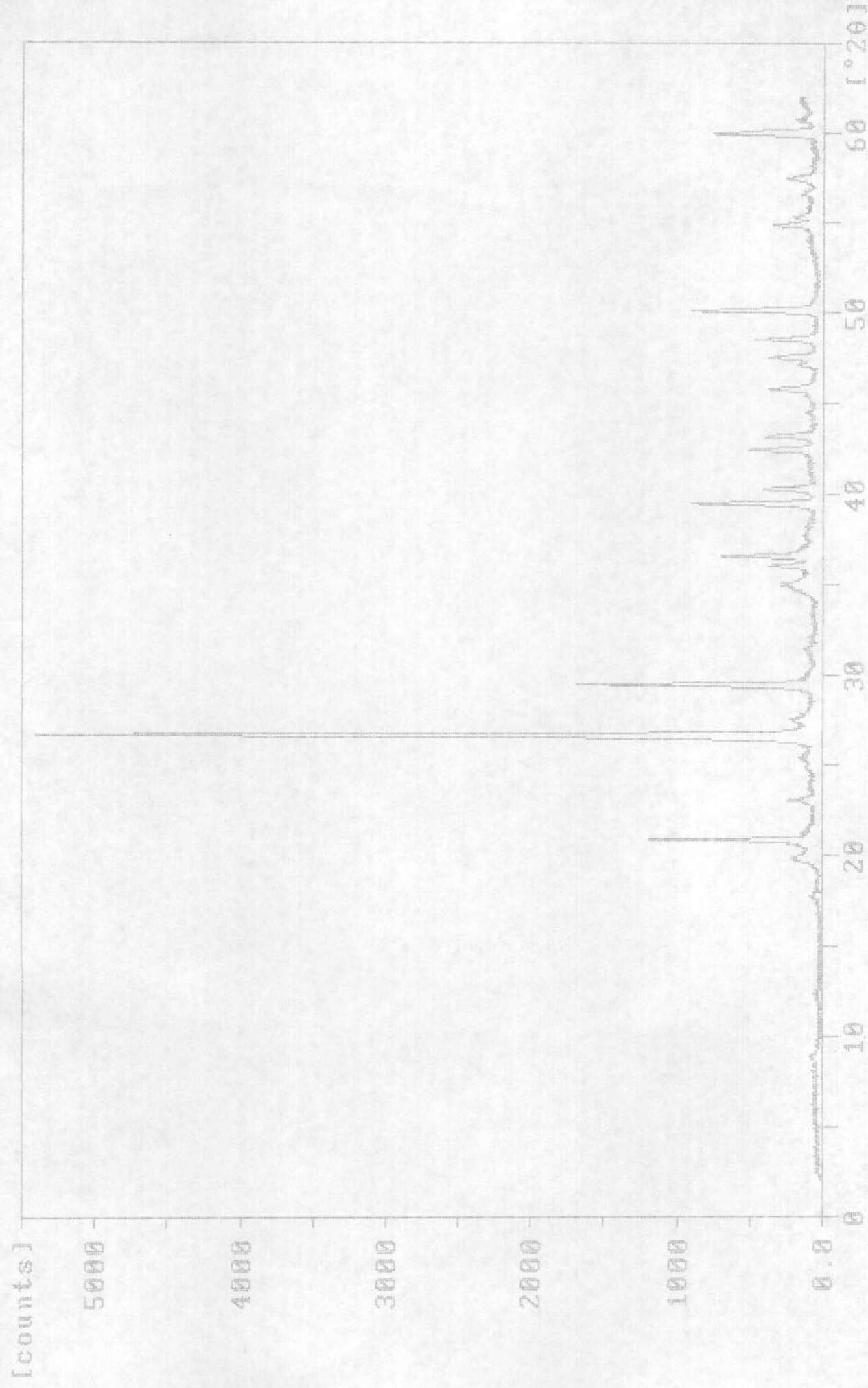
28-oct-1993 8:54



188-60A.RD

Sample identification: H162(14-9)HE-0510

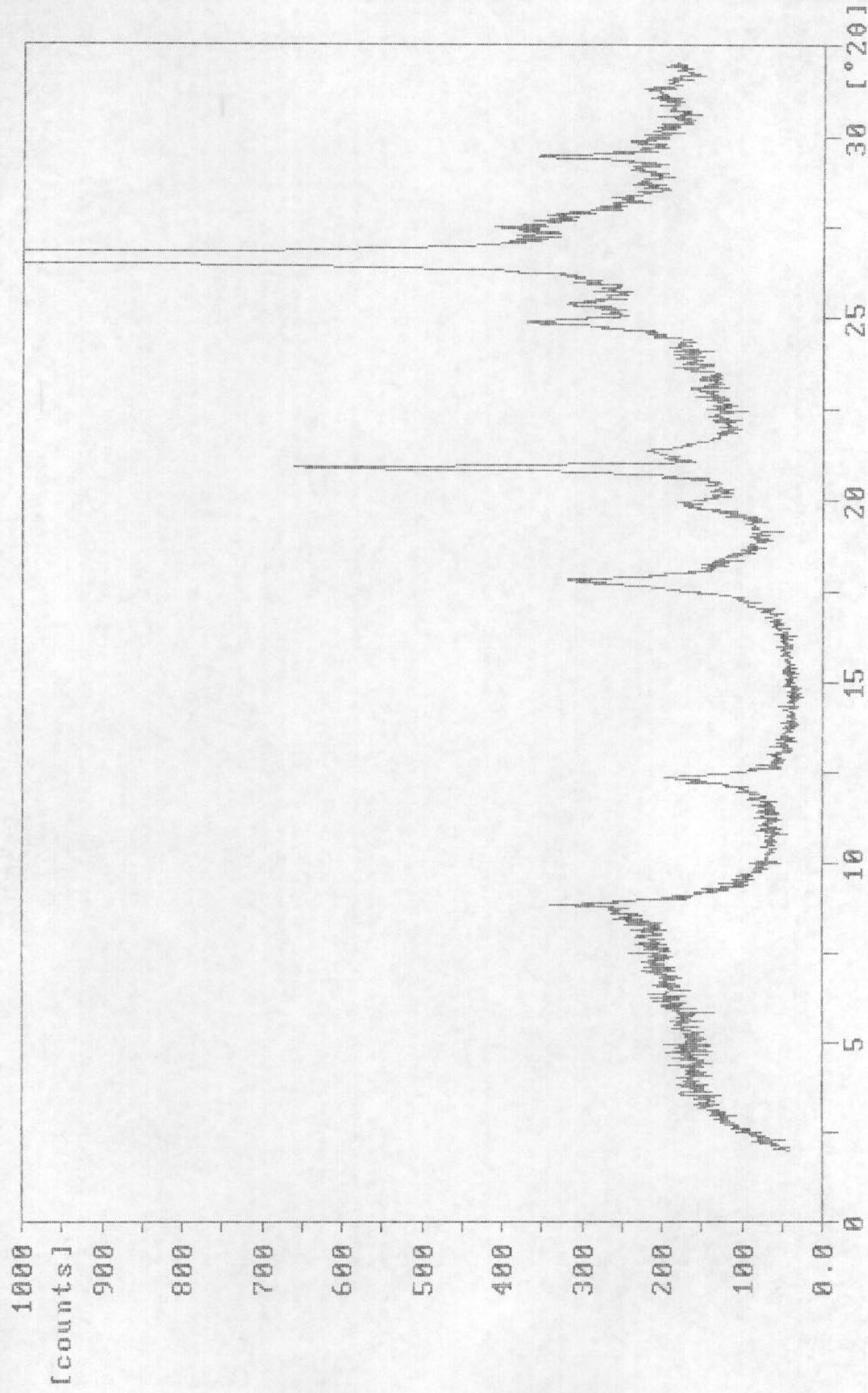
15-oct-1993 13:20



100-60.RD

Sample identification: H162(14-9)HE-0509

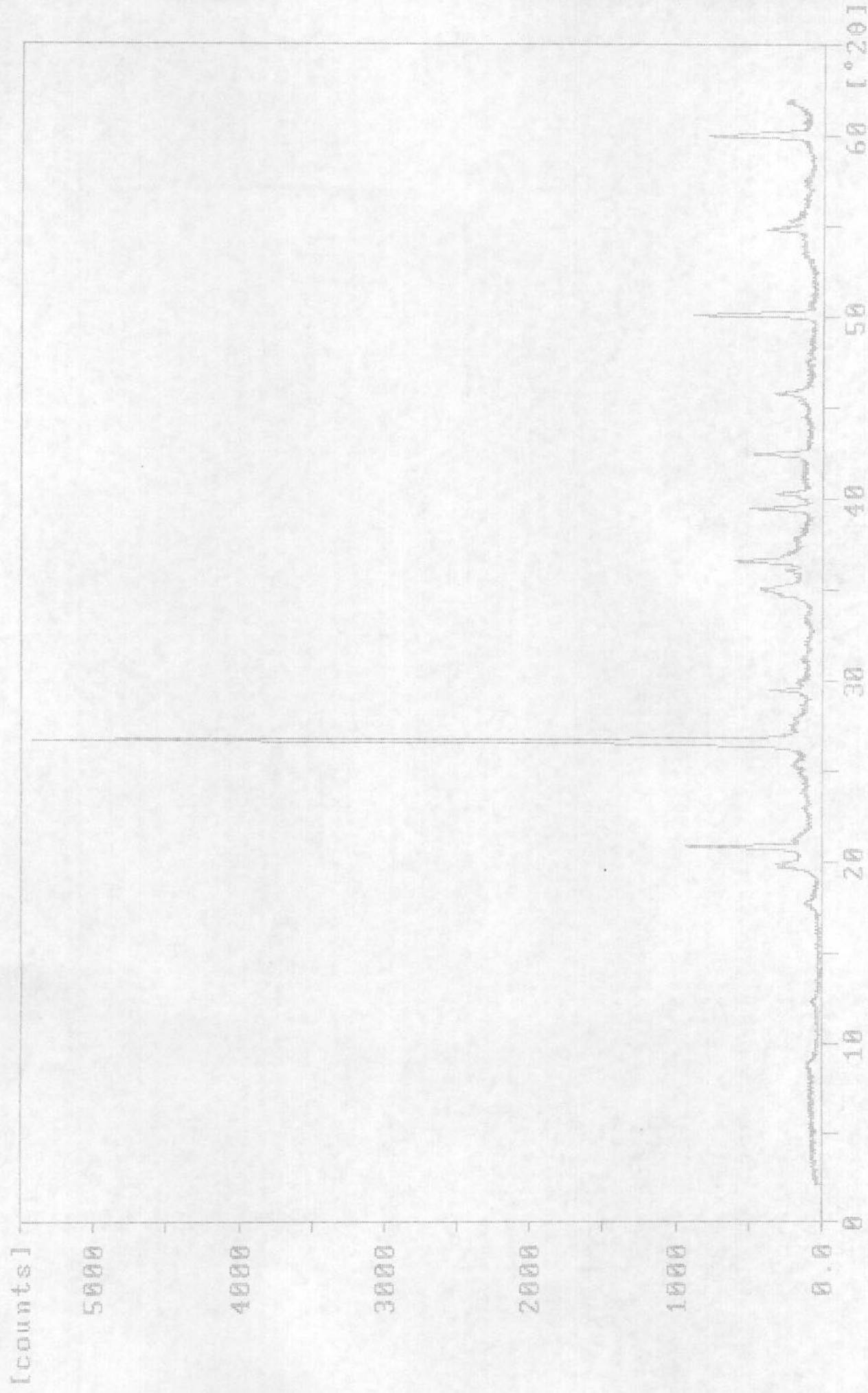
27-oct-1993 13:47



188-59A.RD

Sample identification: H162(14-9)HE-0509

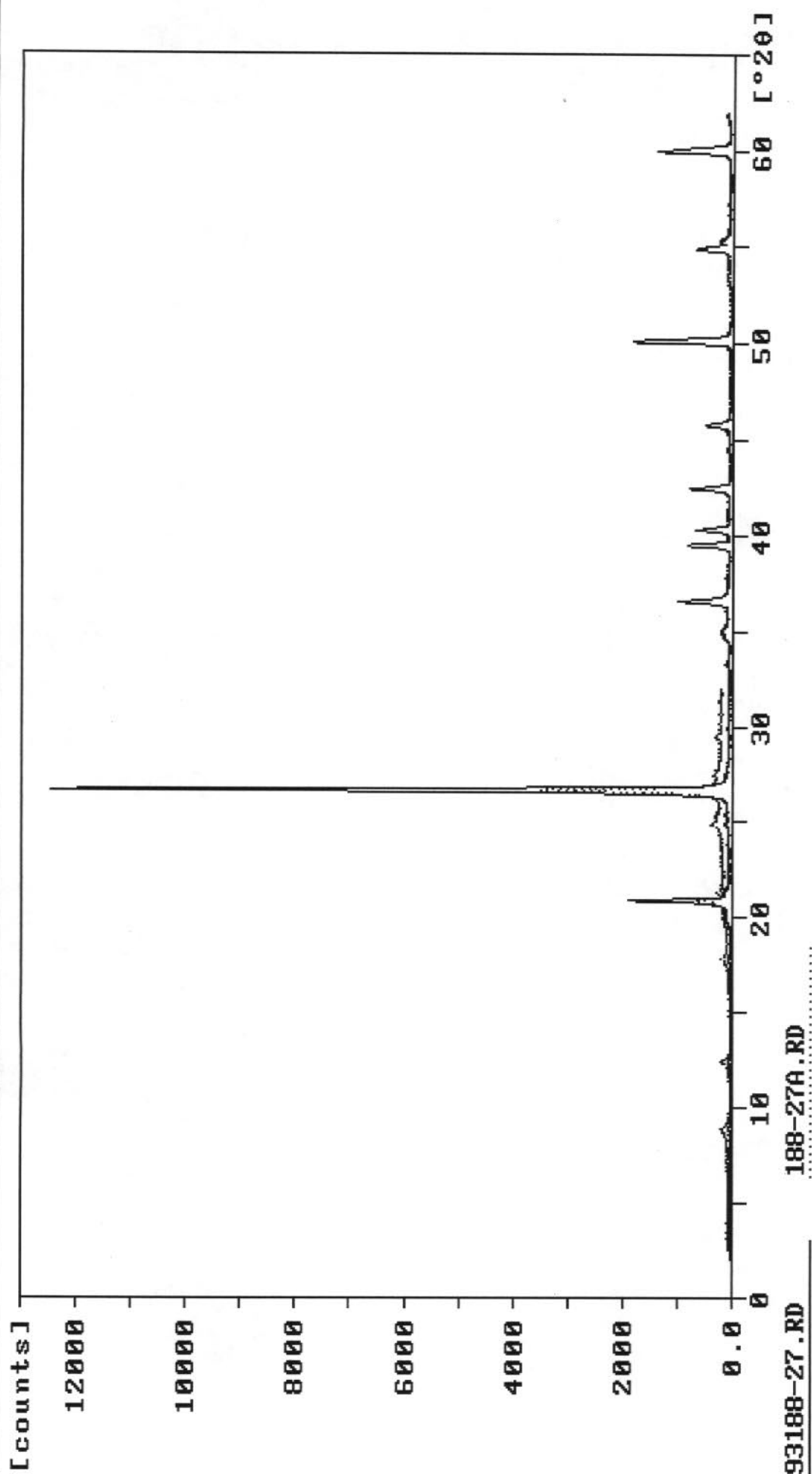
15-oct-1993 12:40



188-59.RD

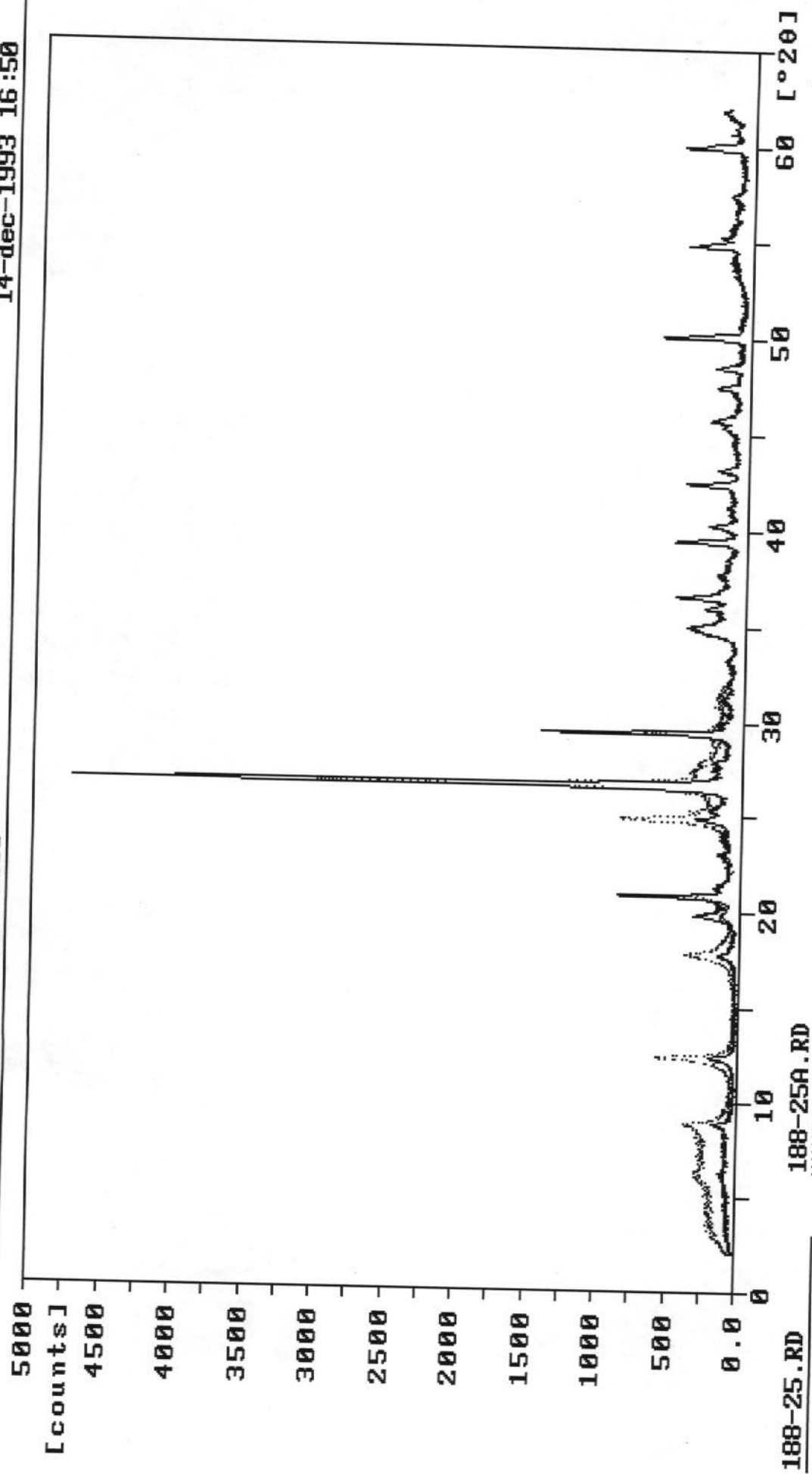
Sample identification: h161(13-9)HE-0508

15-dec-1993 12:19



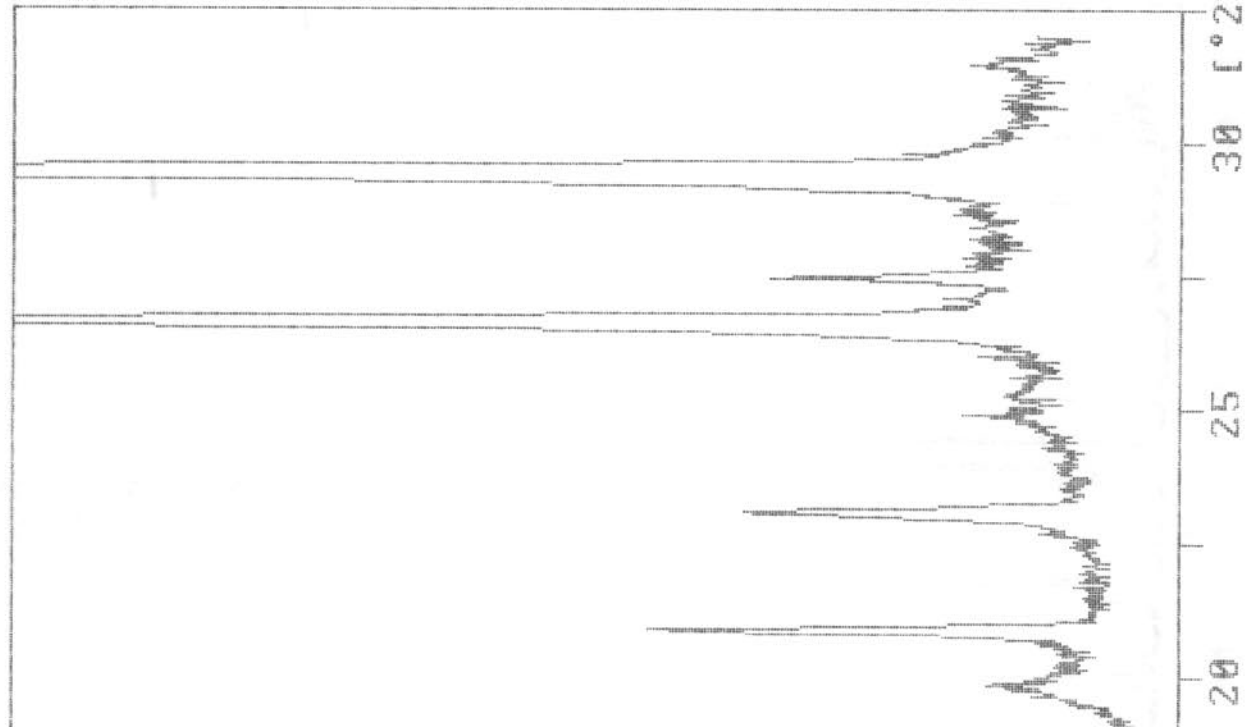
Sample identification: H161(13-9)HE-0506

14-dec-1993 16:50

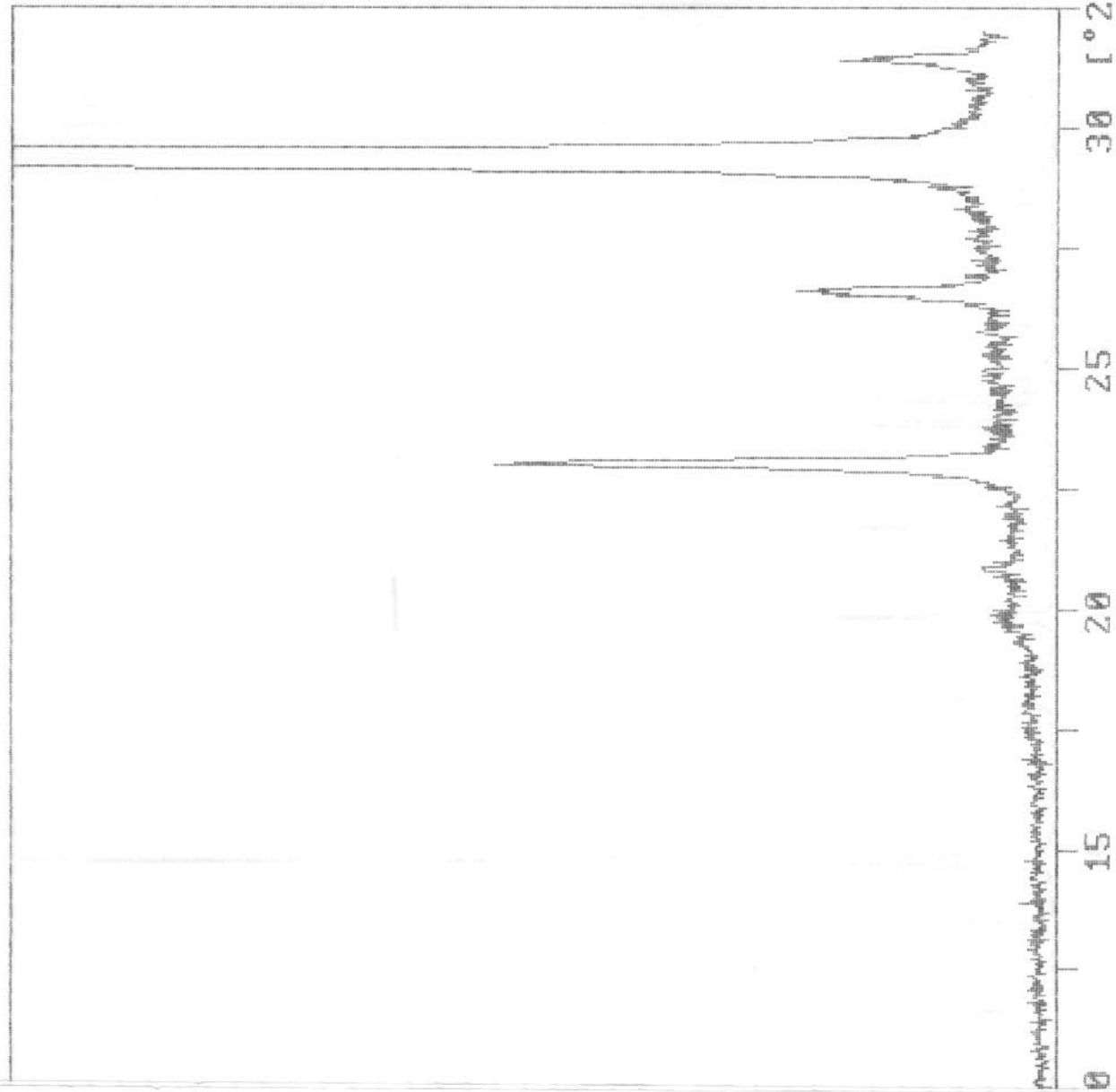


27-oct-1993 12:13

3507

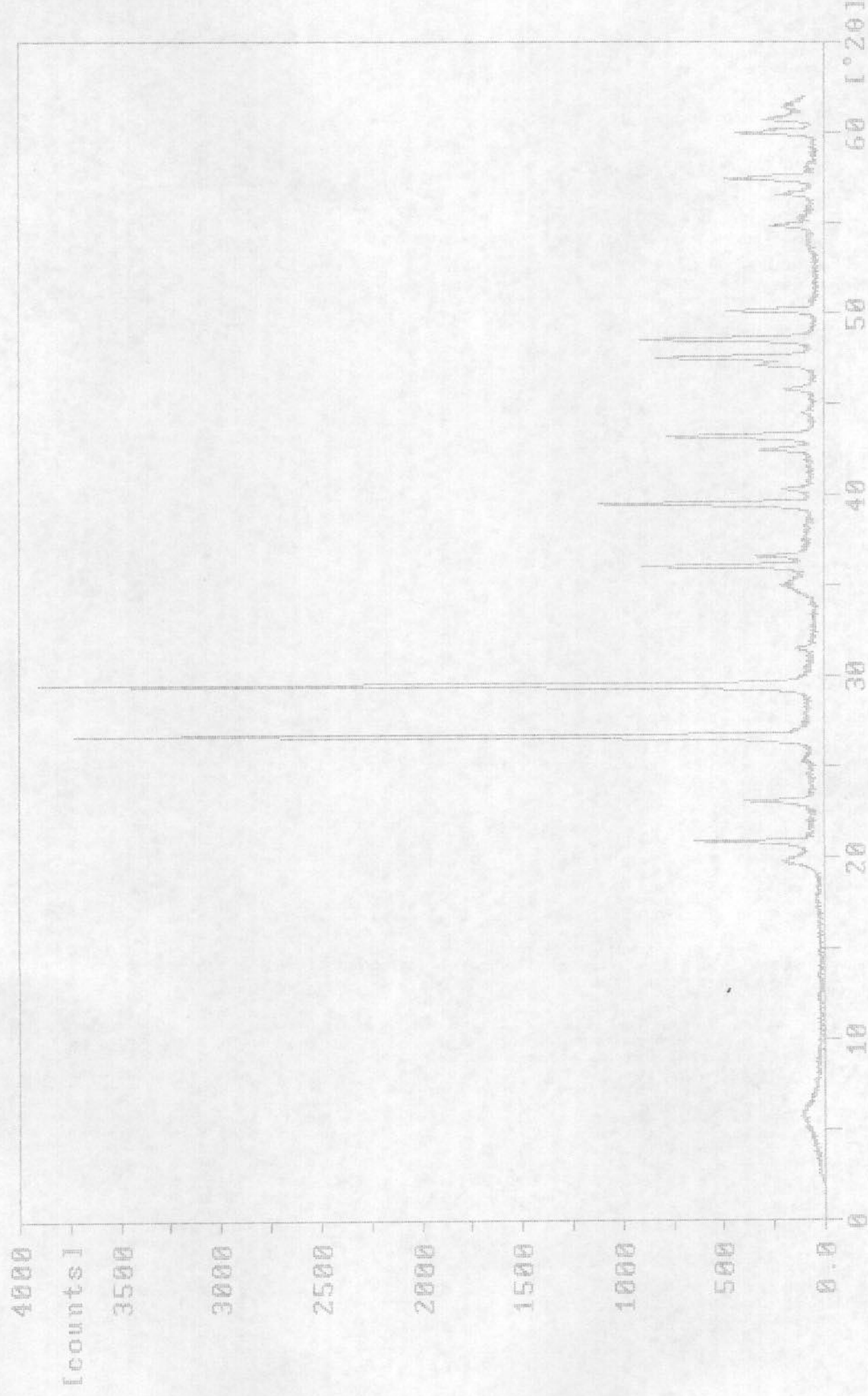


27-oct-1993 11:48



Sample identification: H-162(14-9)HE-0500

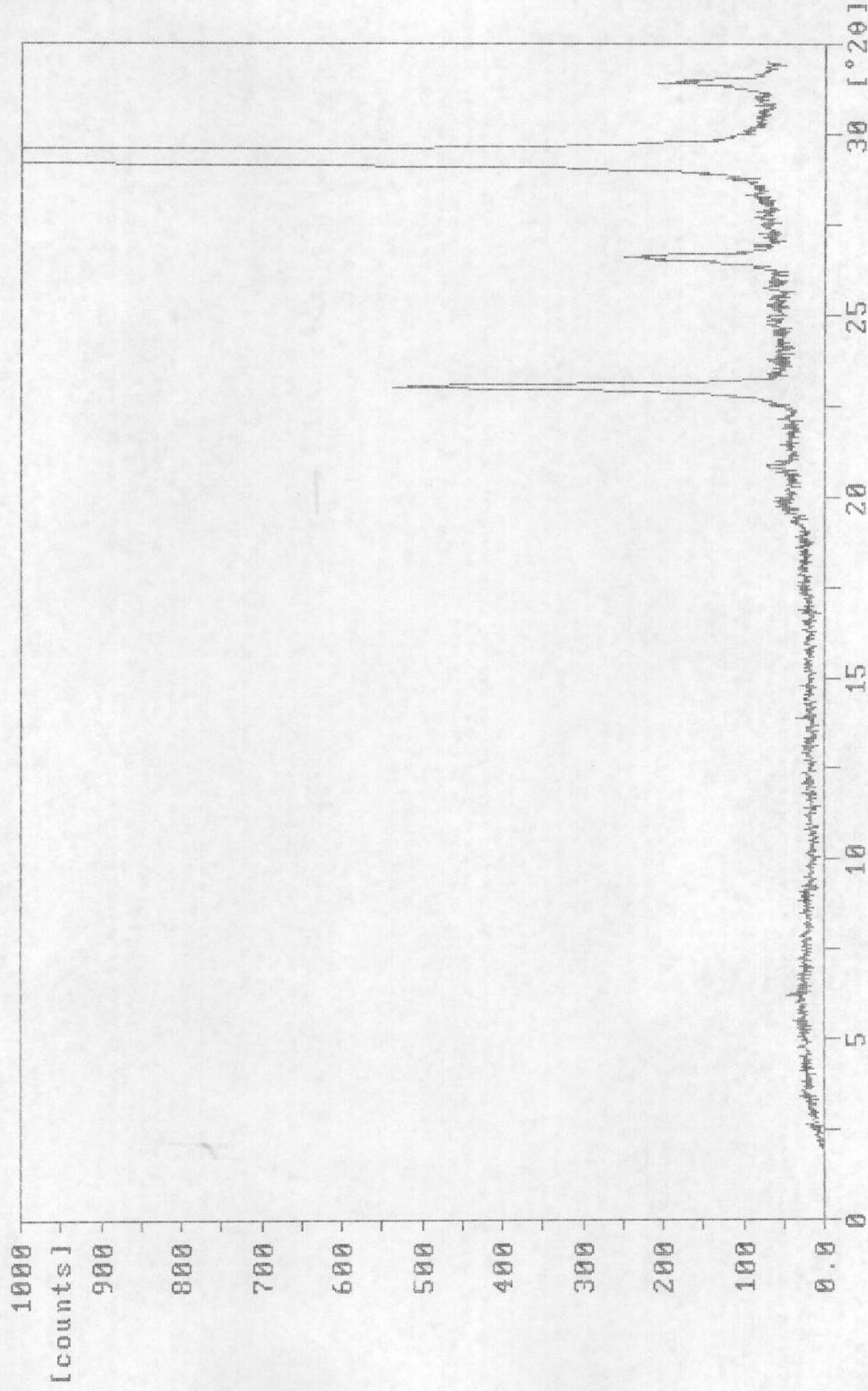
15-oct-1993 11:57



180-58.RD

Sample identification: H162(14-9)HE-0507

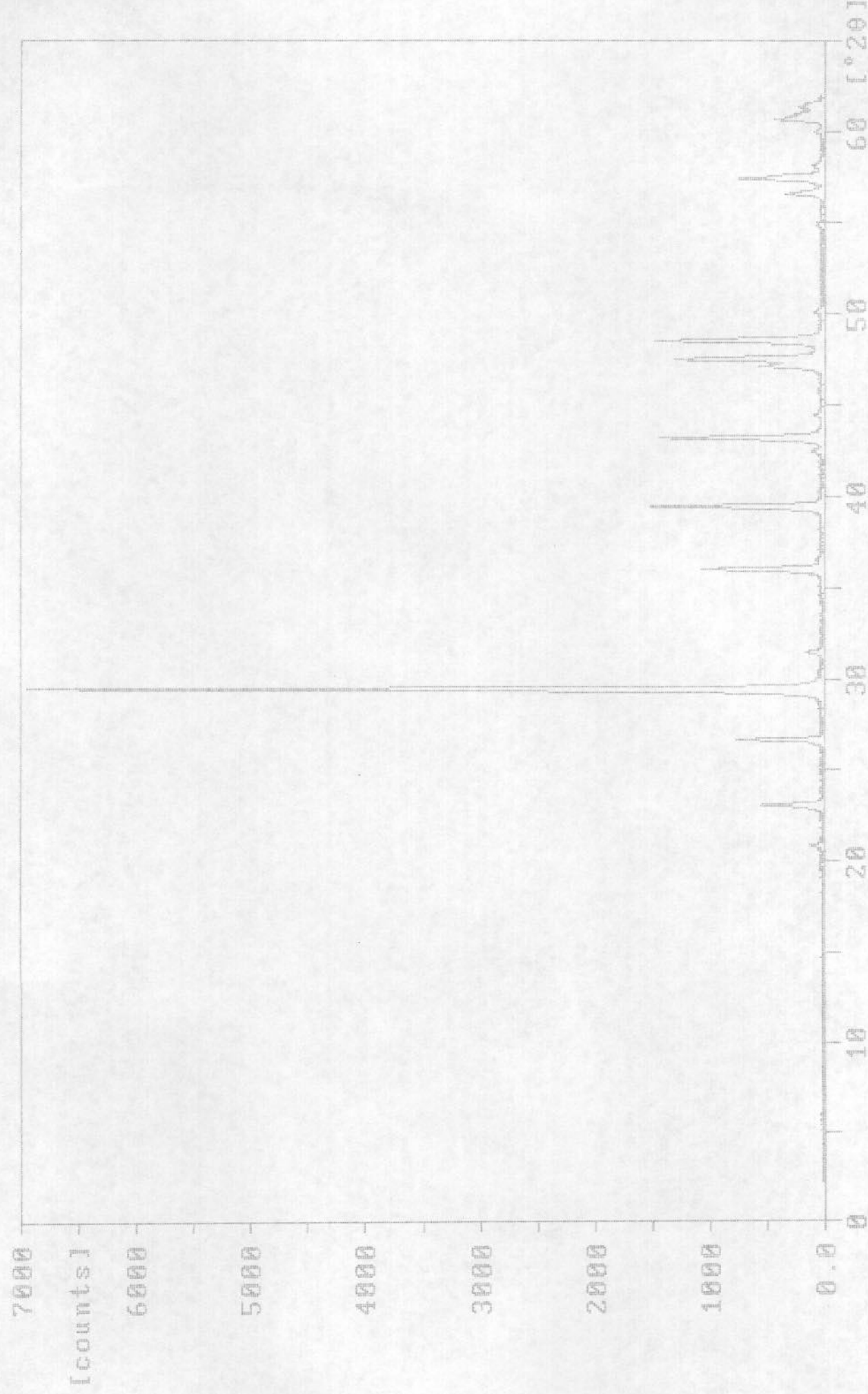
27-oct-1993 11:48



188-57A.RD

Sample identification: H162(14-9)HE-0507

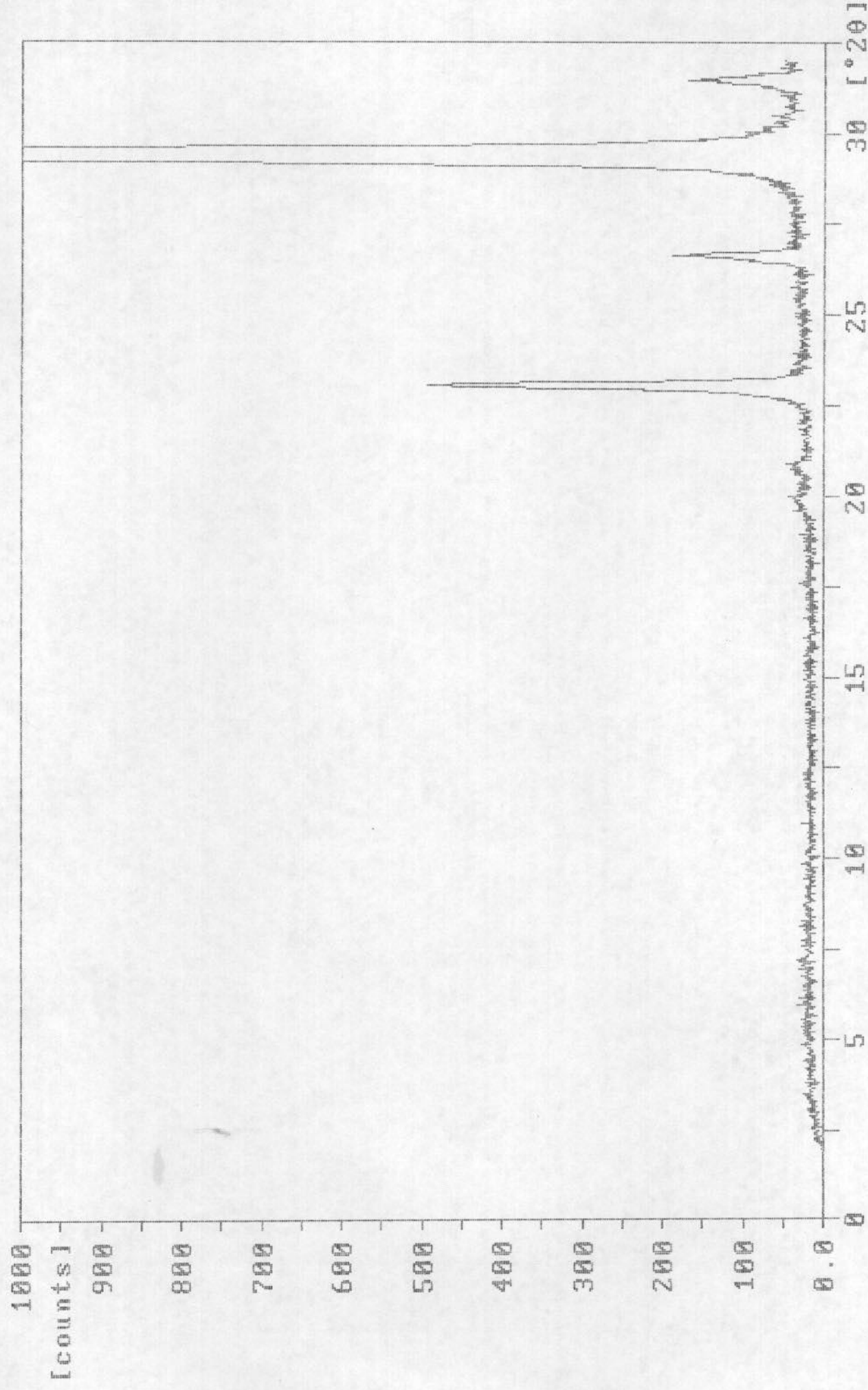
11-oct-1993 13:14



188-57.RD

Sample identification: H162(14-9)HE-0506

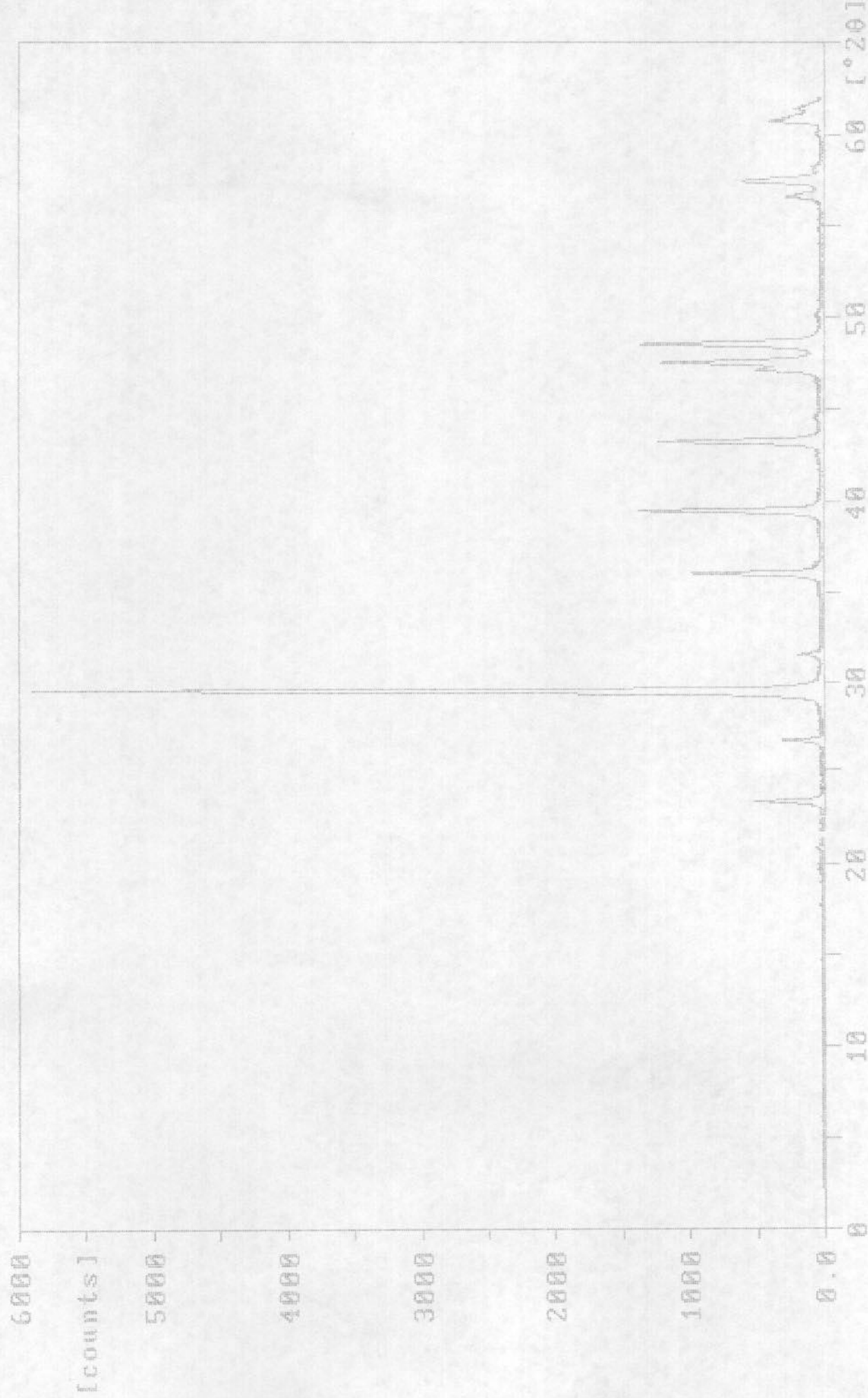
27-oct-1993 11:31



188-56A.RD

Sample identification: H162(14-9)HE-0506

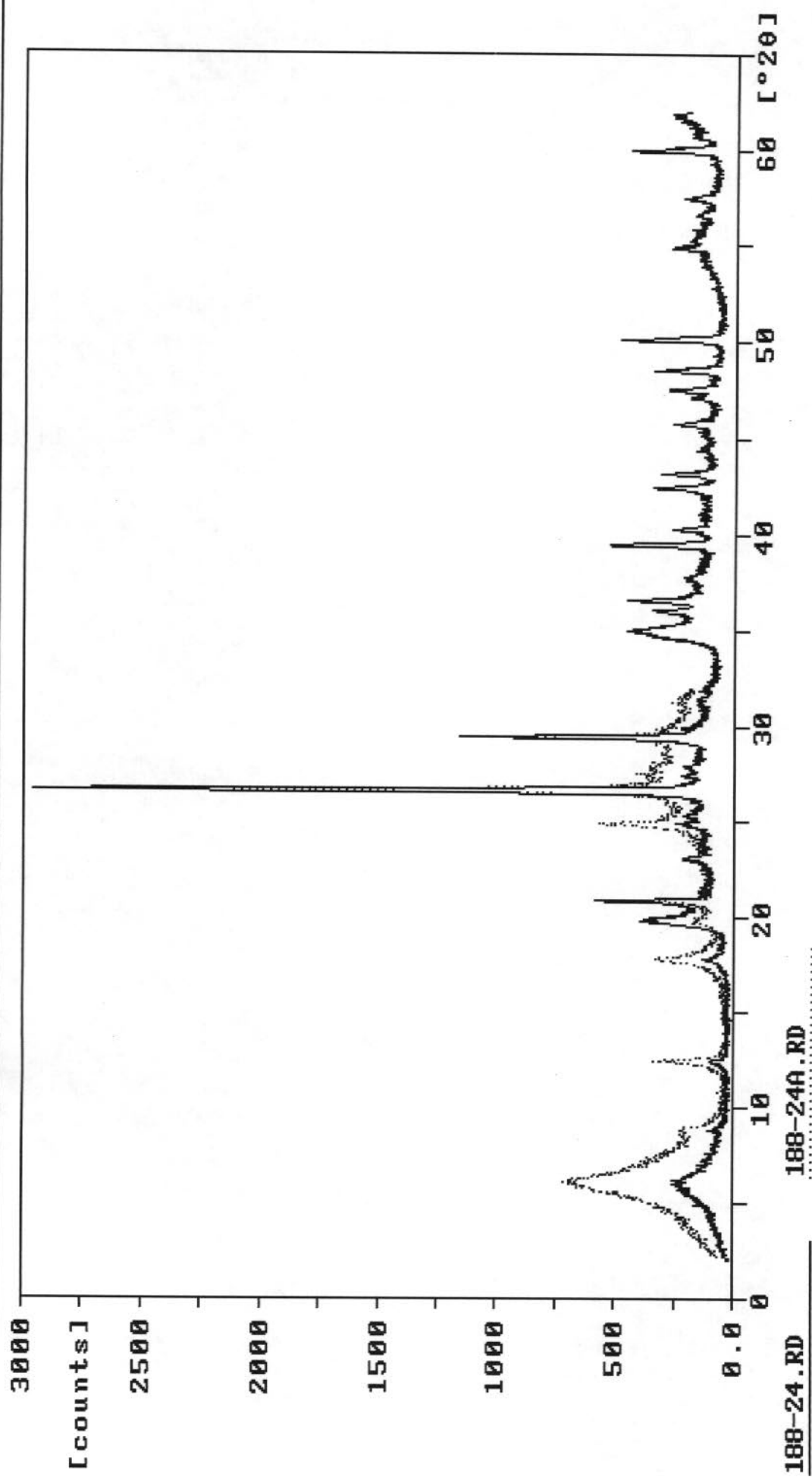
8-oct-1993 10:34



188-56.RD

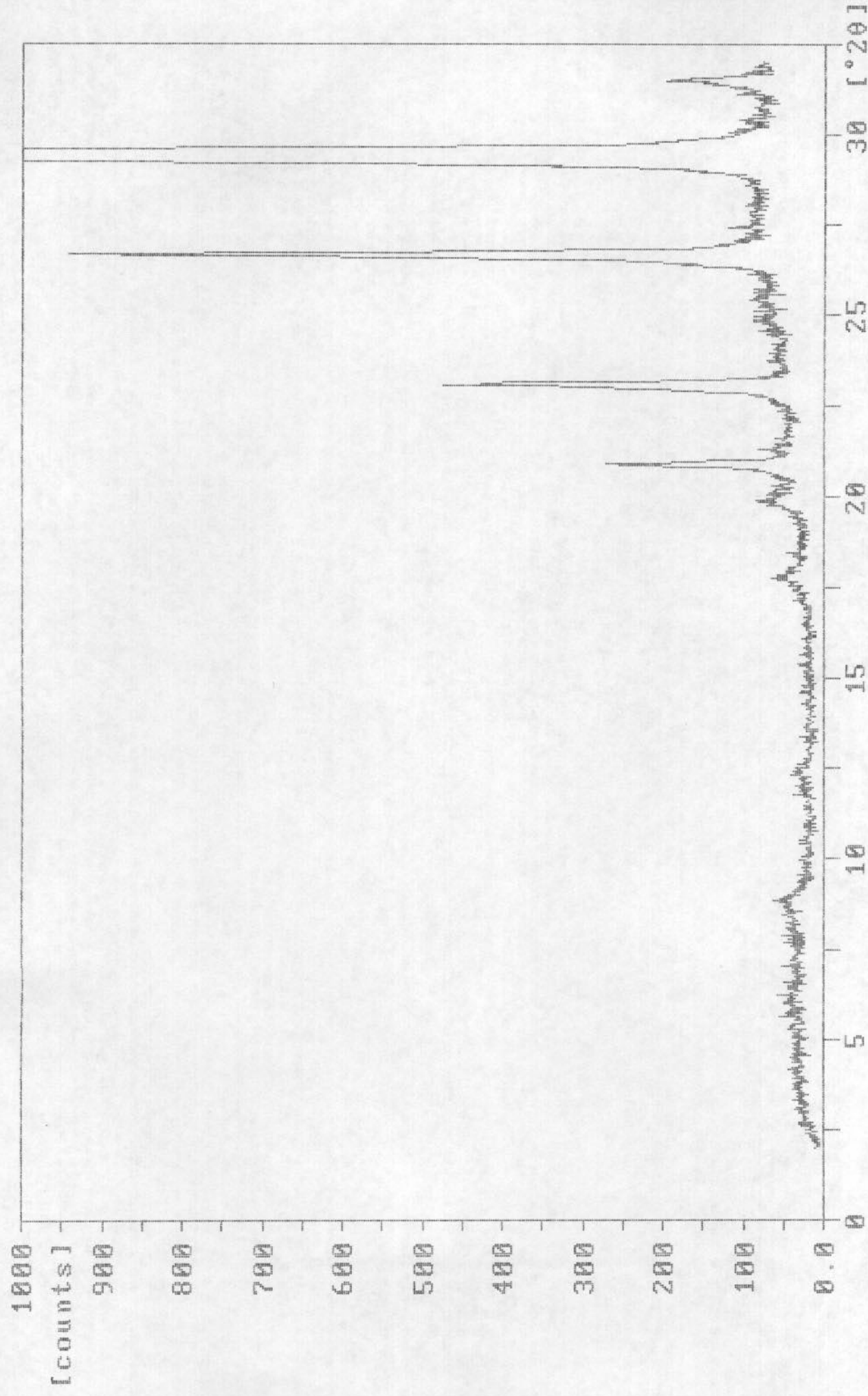
Sample identification: H161(13-9)HE-0505

14-dec-1993 16:49



Sample identification: H162(14-9)HE-0505

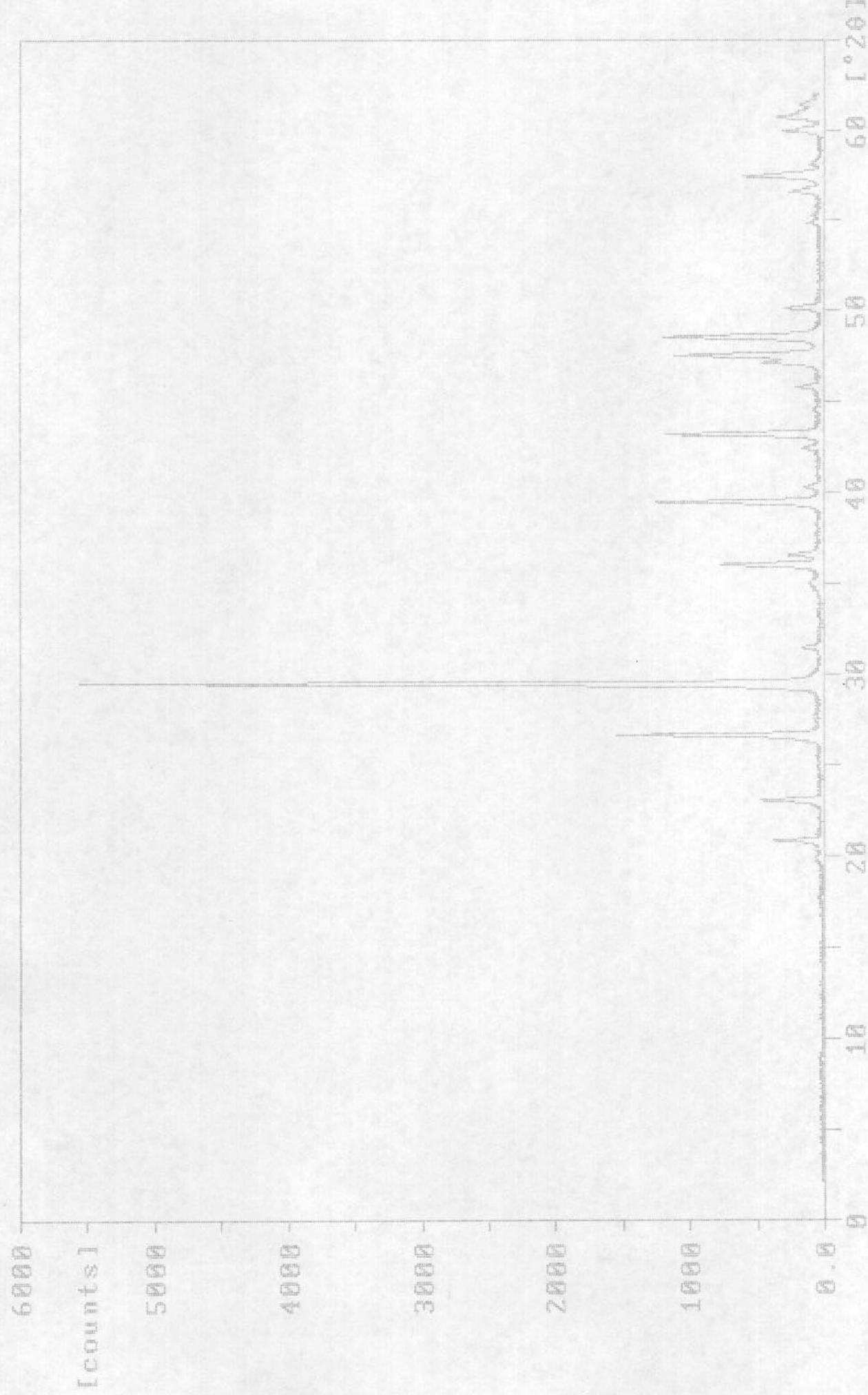
27-oct-1993 10:56



188-55A.RD

Sample identification: H162(14-9) HE-0505

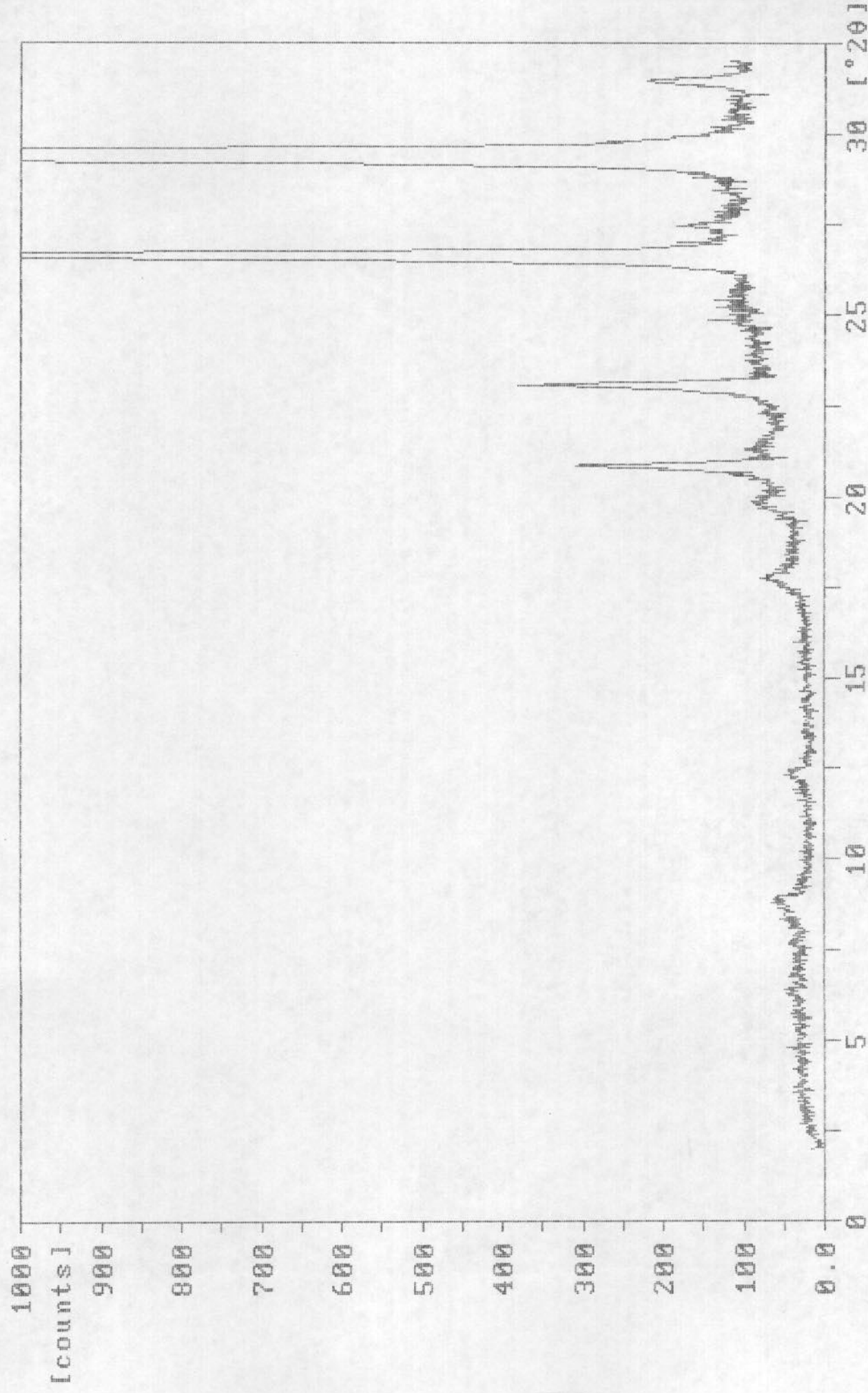
7-oct-1993 15:56



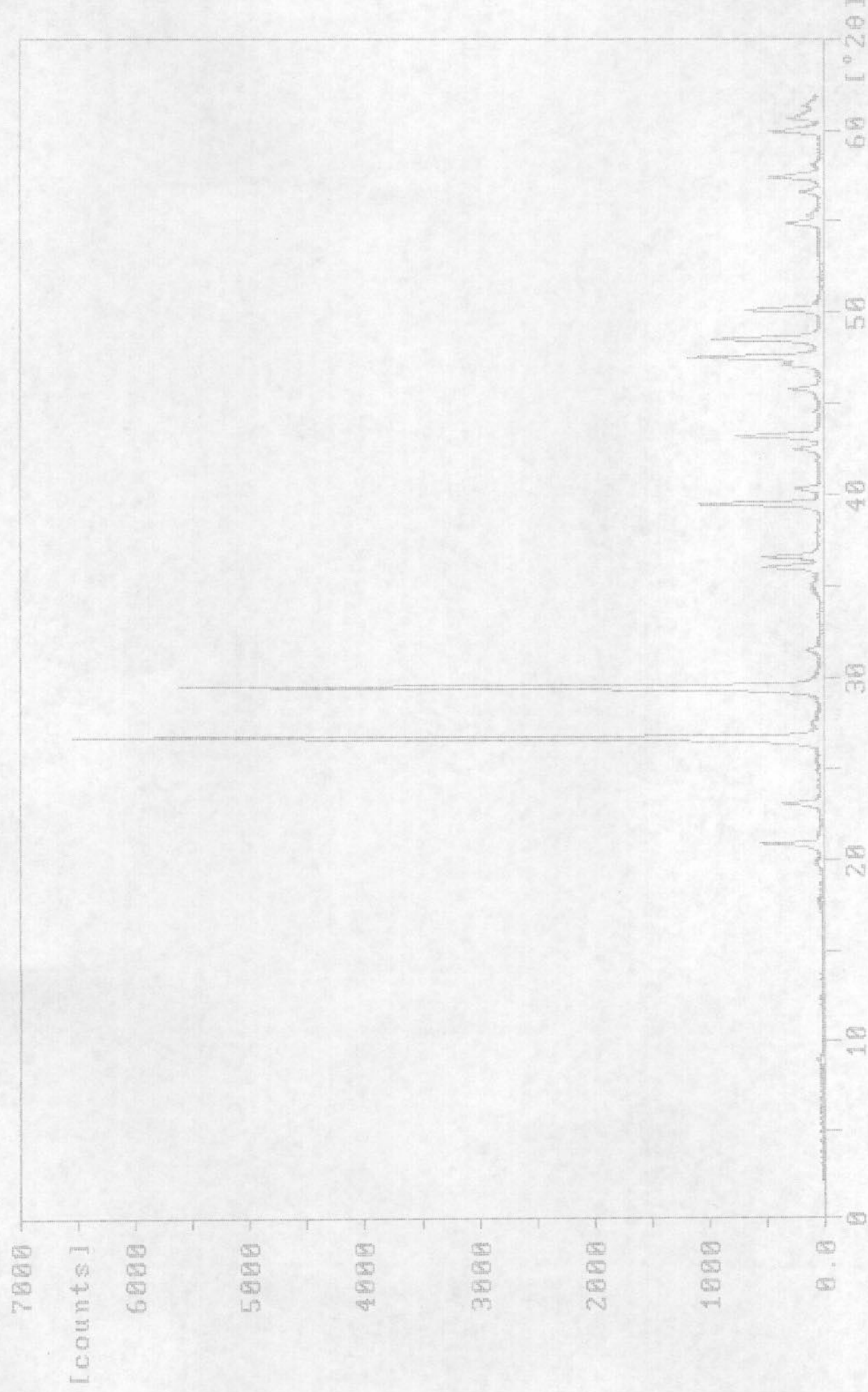
188-55.RD

Sample identification: H162(14-9)HE-0504

27-oct-1993 10:37

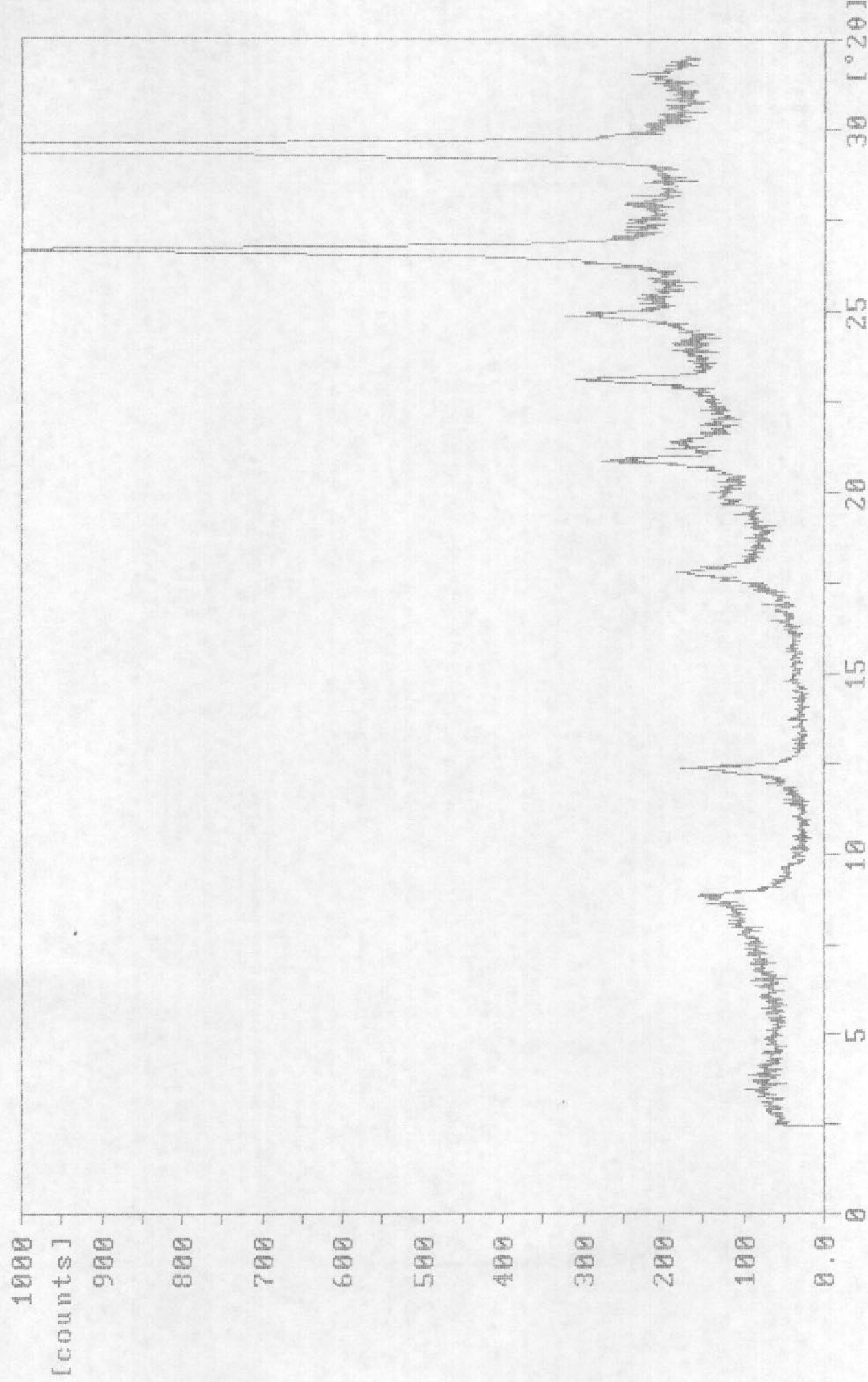


188-54A.RD

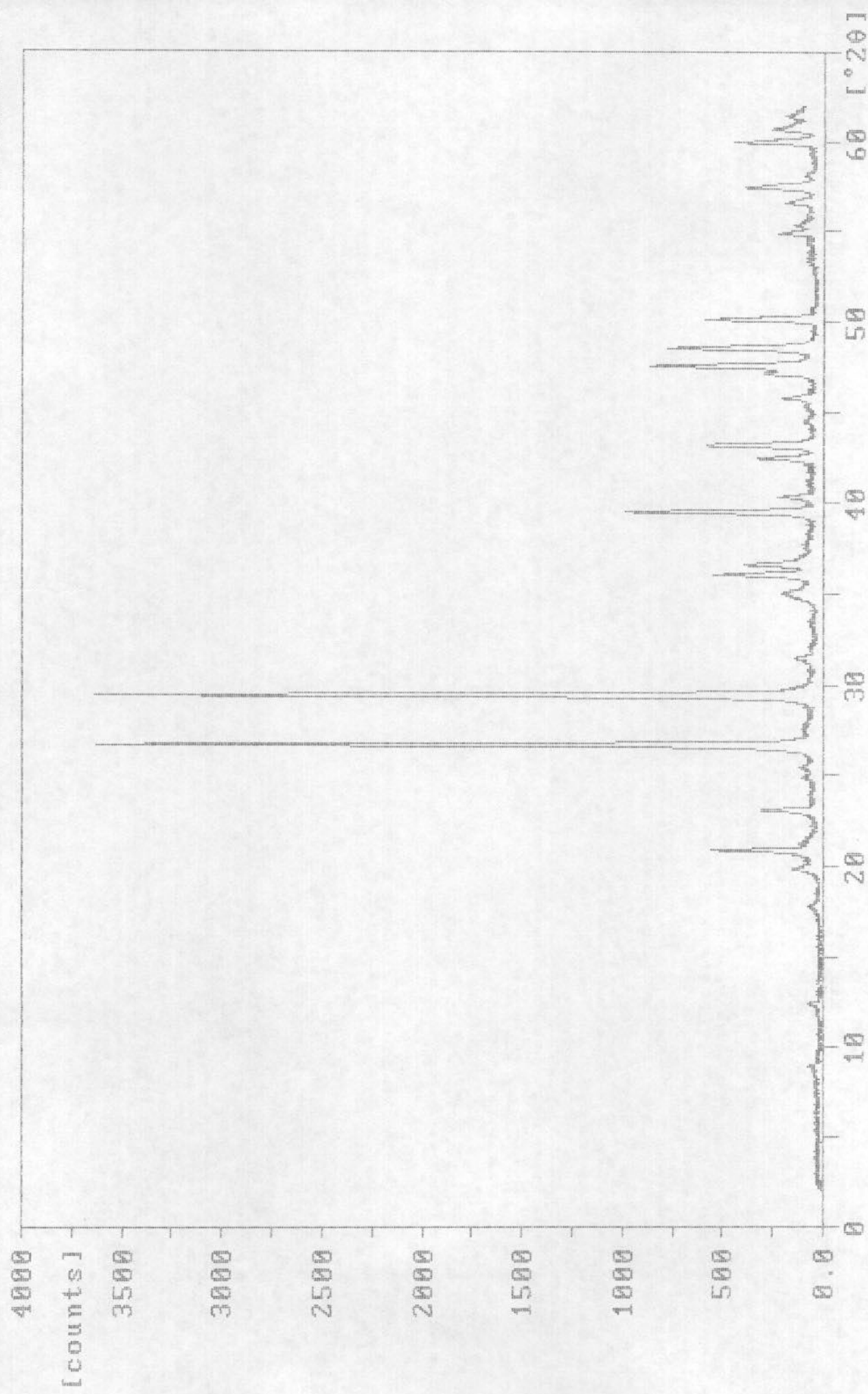


Sample identification: H-15-9 HE-0503

25-nov-1993 11:22

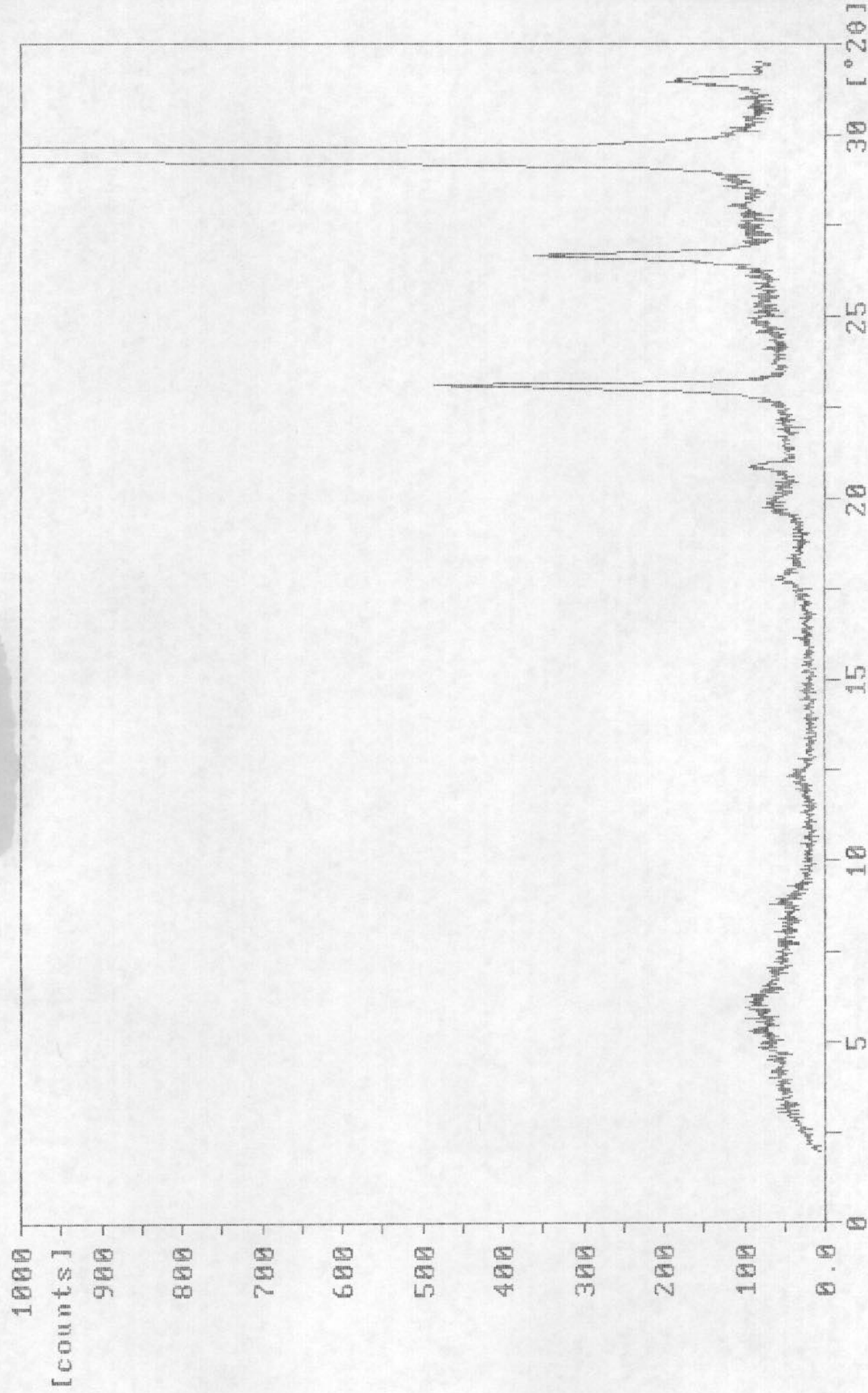


332-21A.RD



Sample identification: H162(14-9)HE-0503

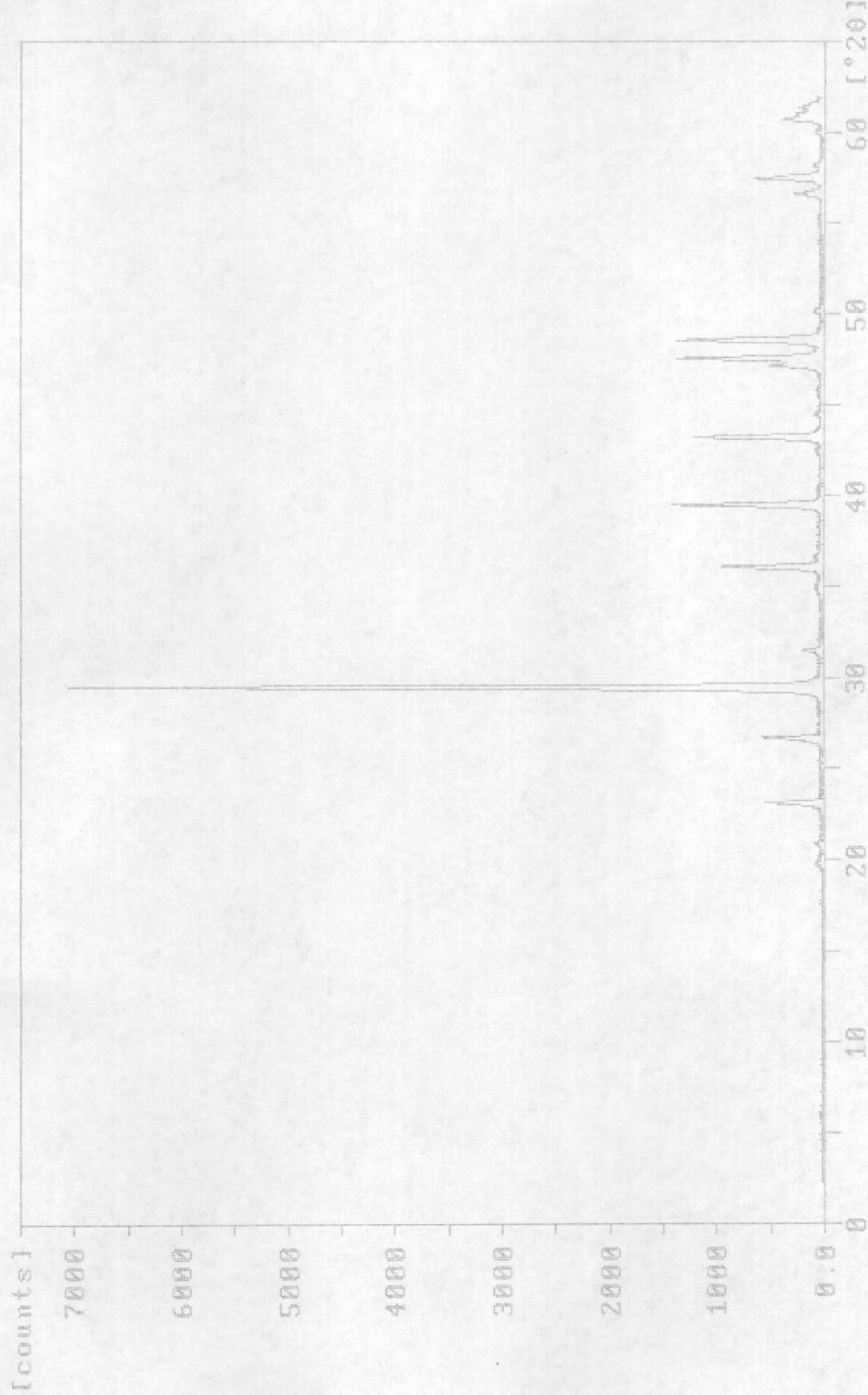
27-oct-1993 10:17



188-53A.RD

Sample identification: H162(14-9)HE-0503

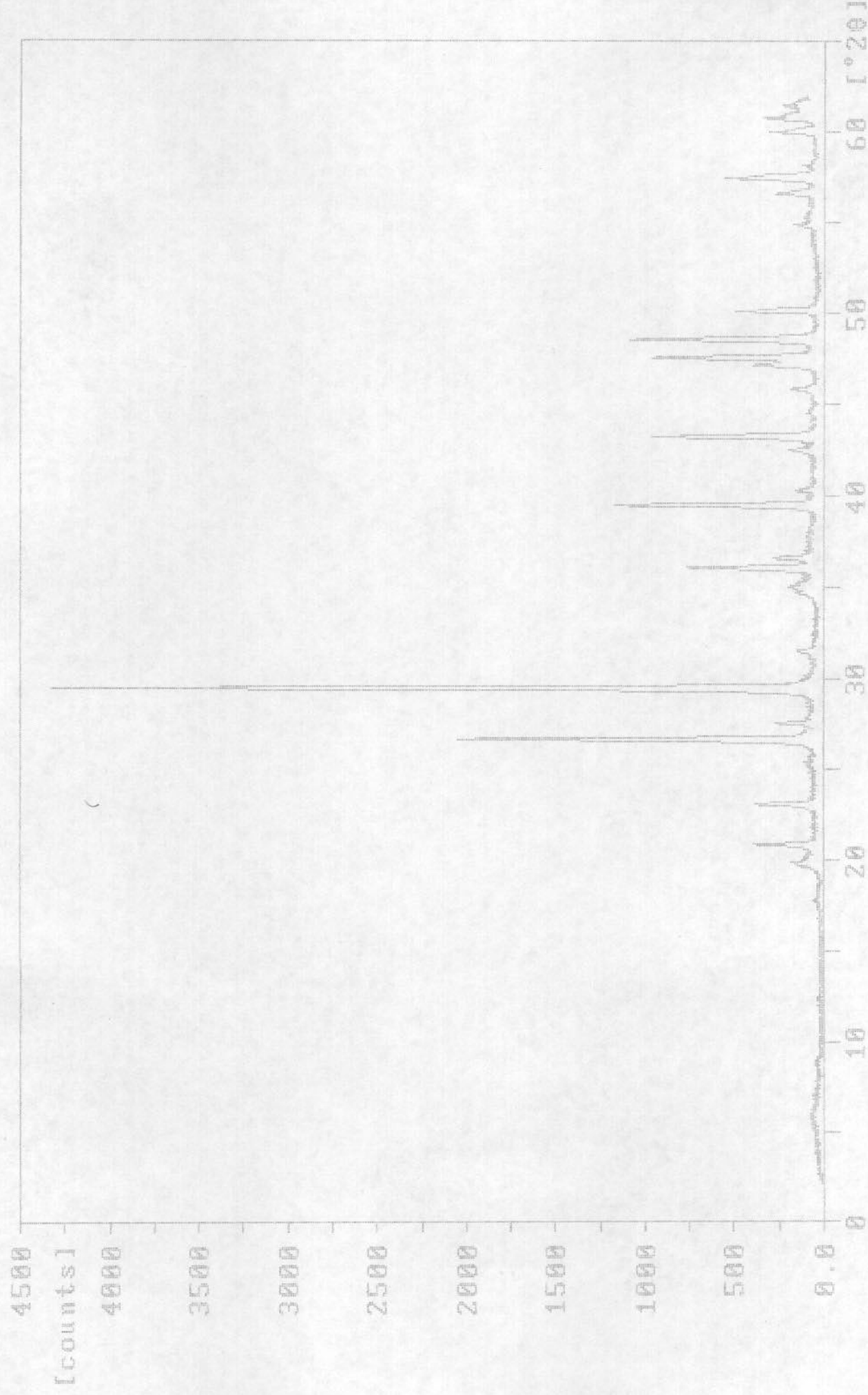
7-oct-1993 11:07



188-53.RD

Sample Identification: H162(14-9)HE-0502

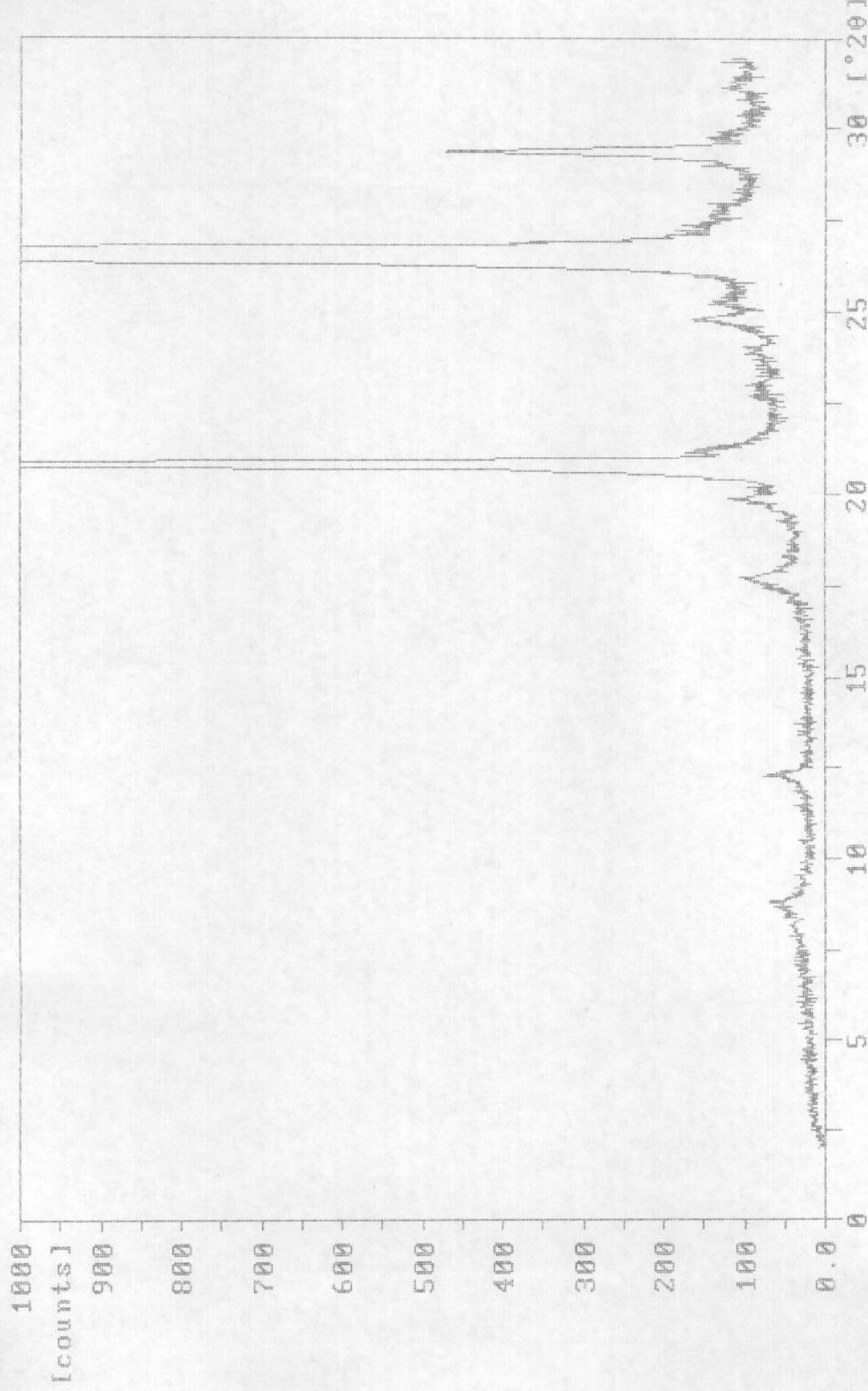
7-oct-1993 10:35



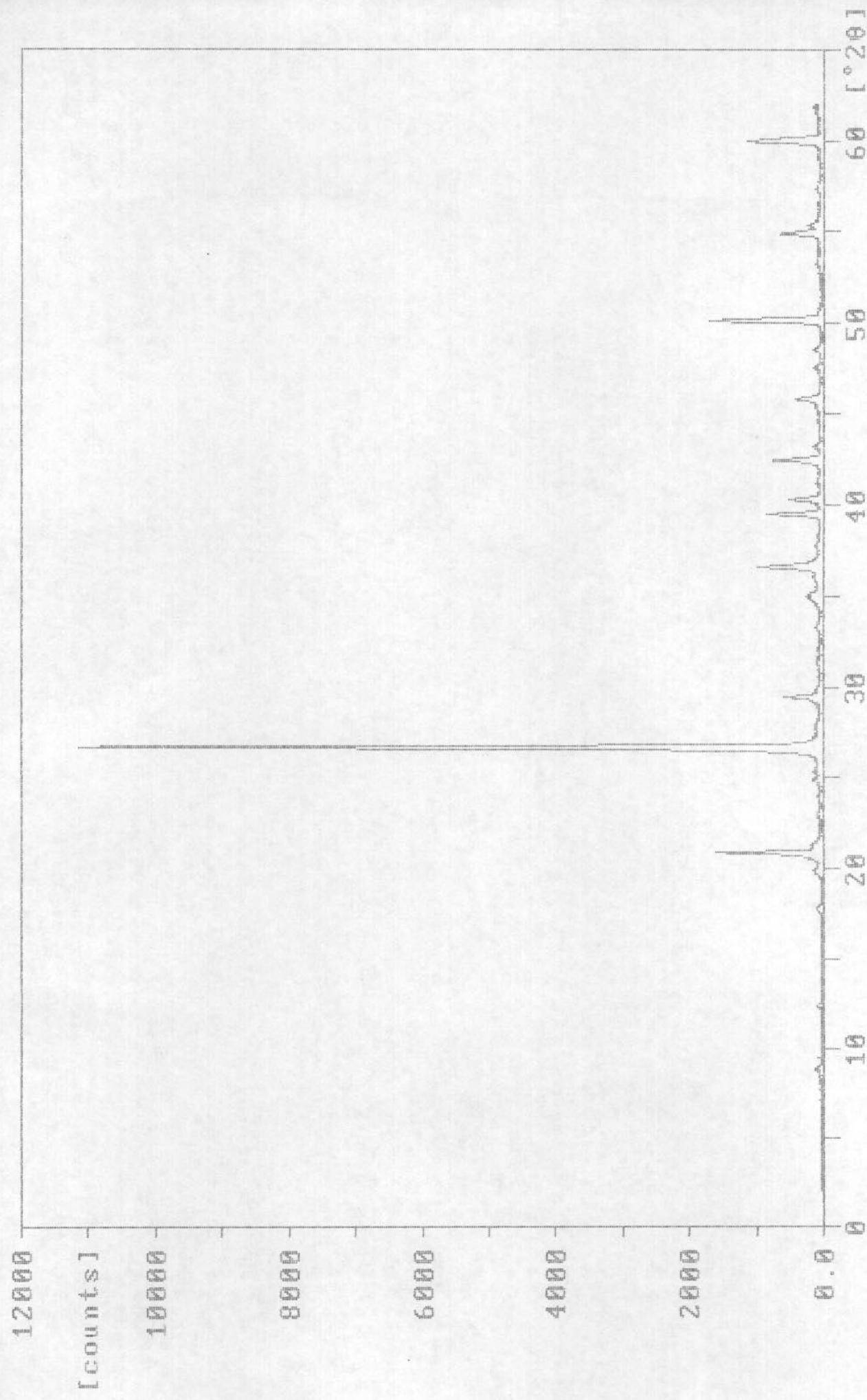
188-52.RD

Sample identification: H-15-9 HE-0502

29-nov-1993 10:10

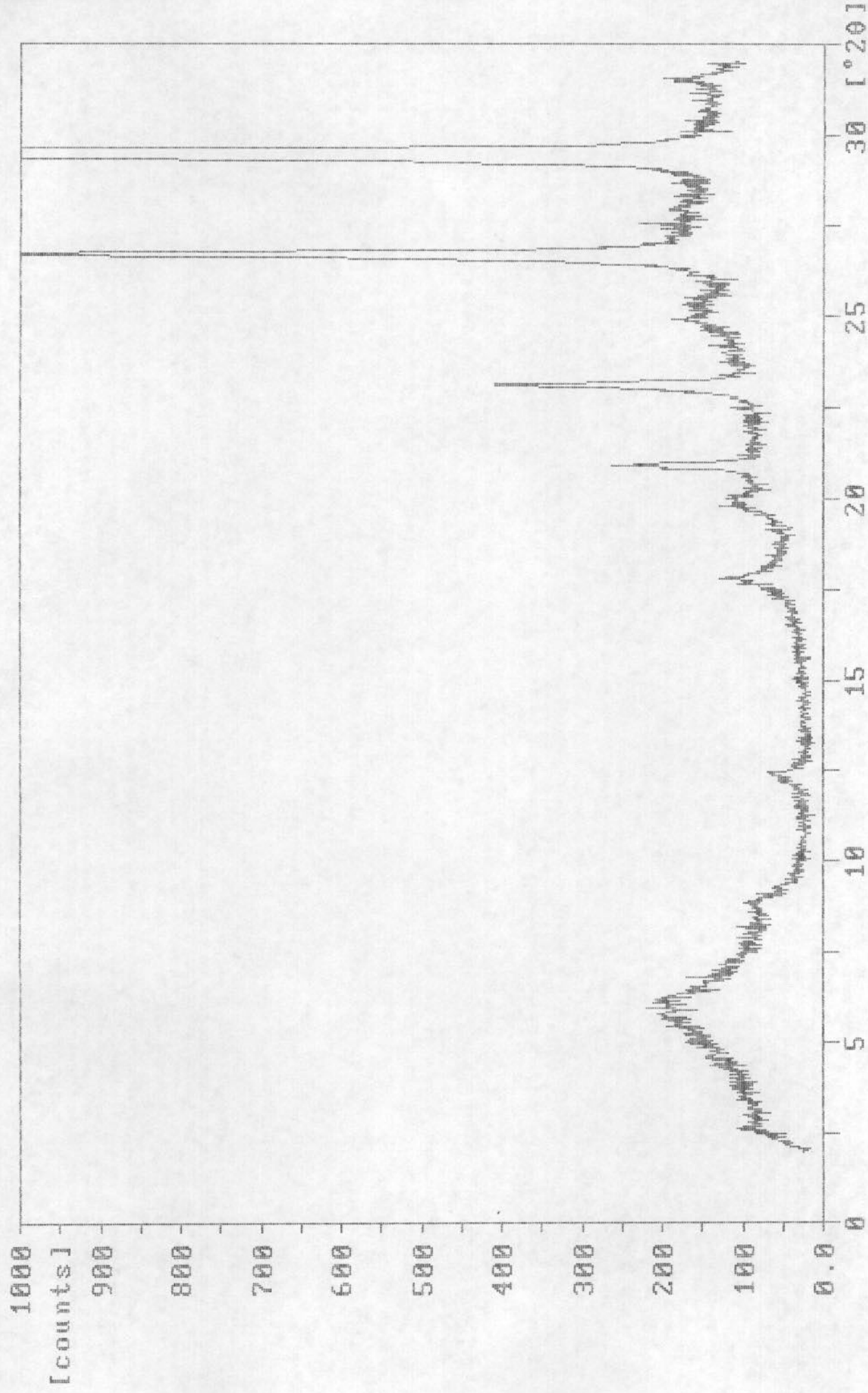


332-20A.RD



Sample identification: H162(14-9)HE-0502

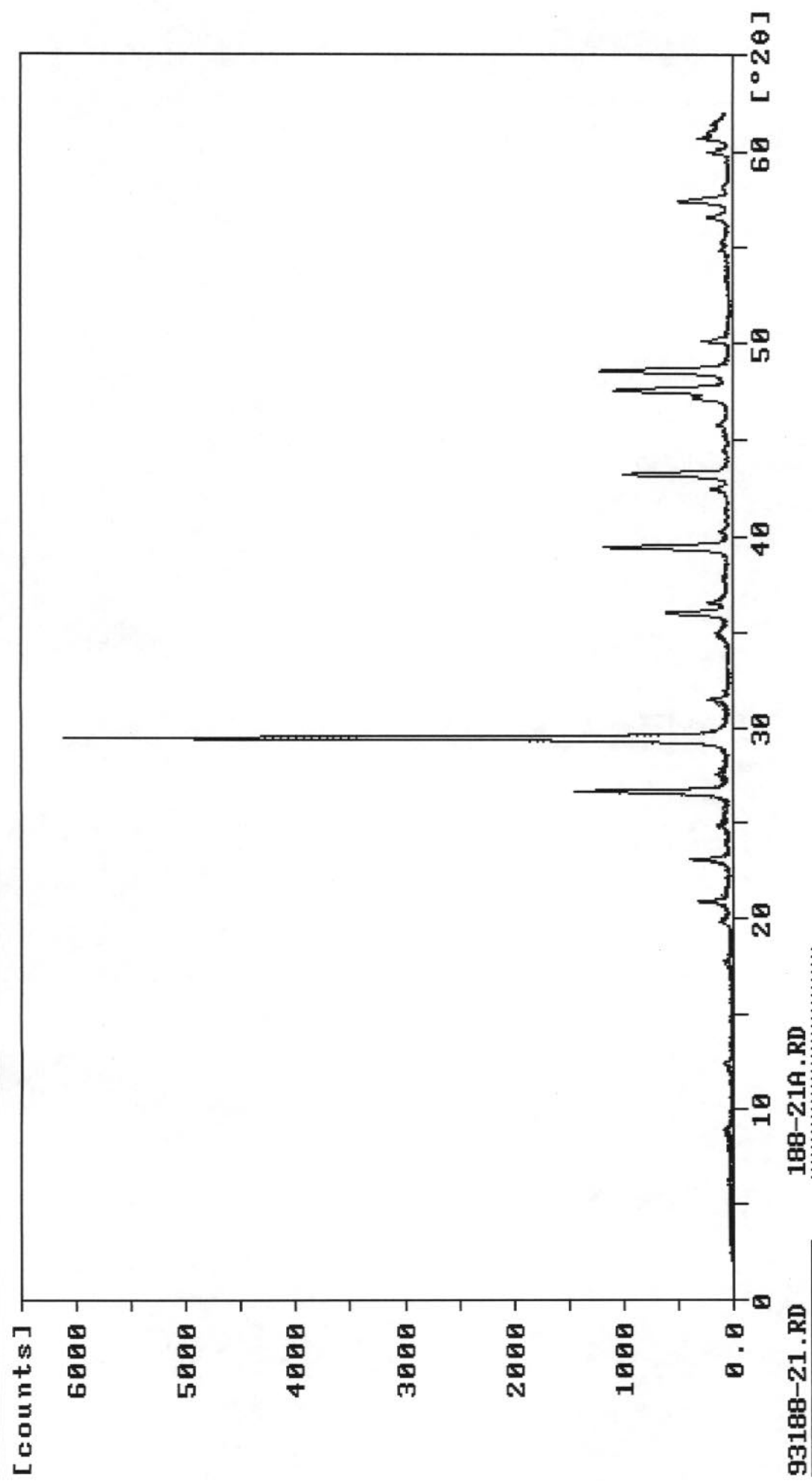
27-oct-1993 9:34



188-52A.RD

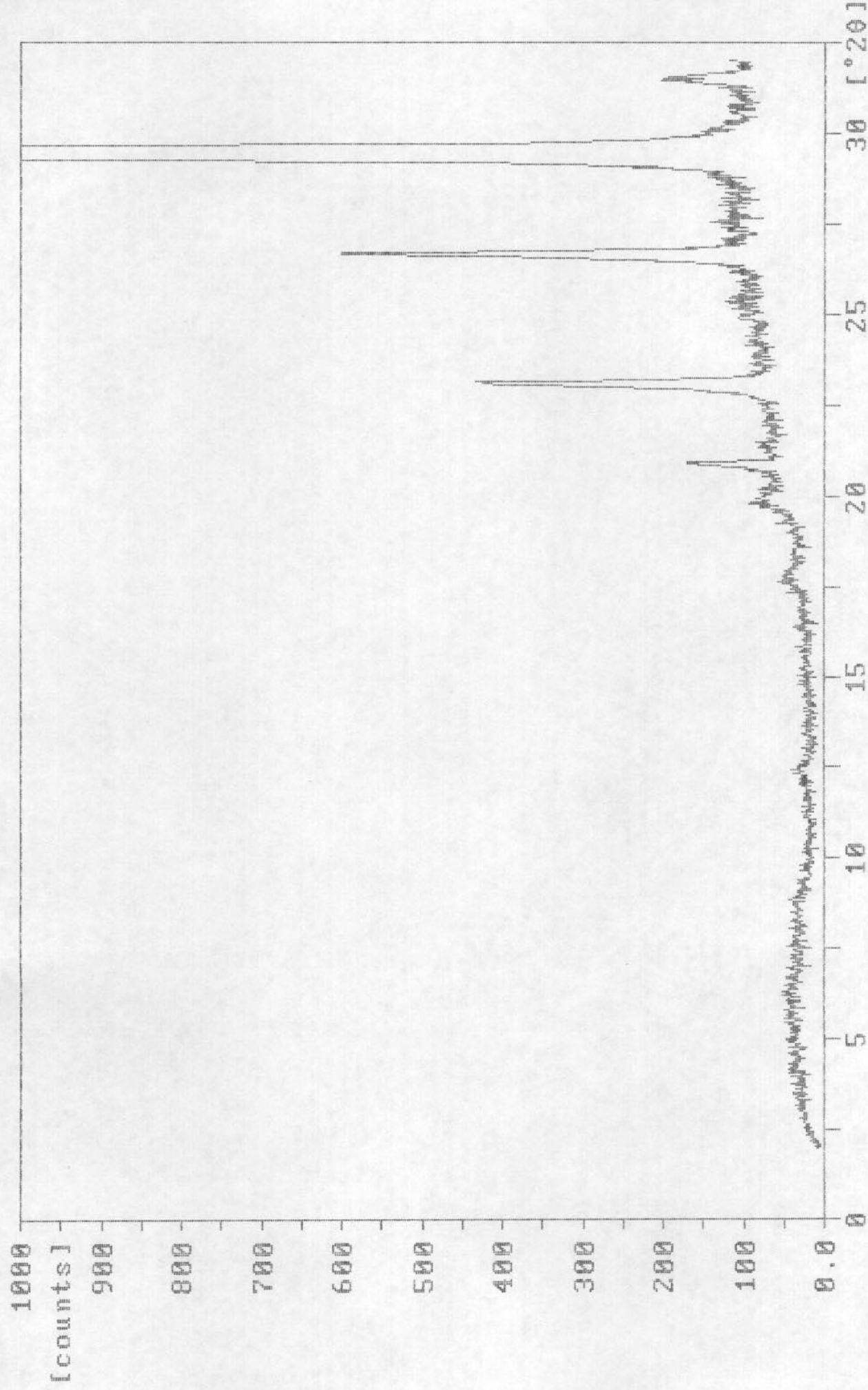
Sample identification: H161(13-9)HE-0502

15-dec-1993 12:17



Sample identification: H162(14-9)HE-0501

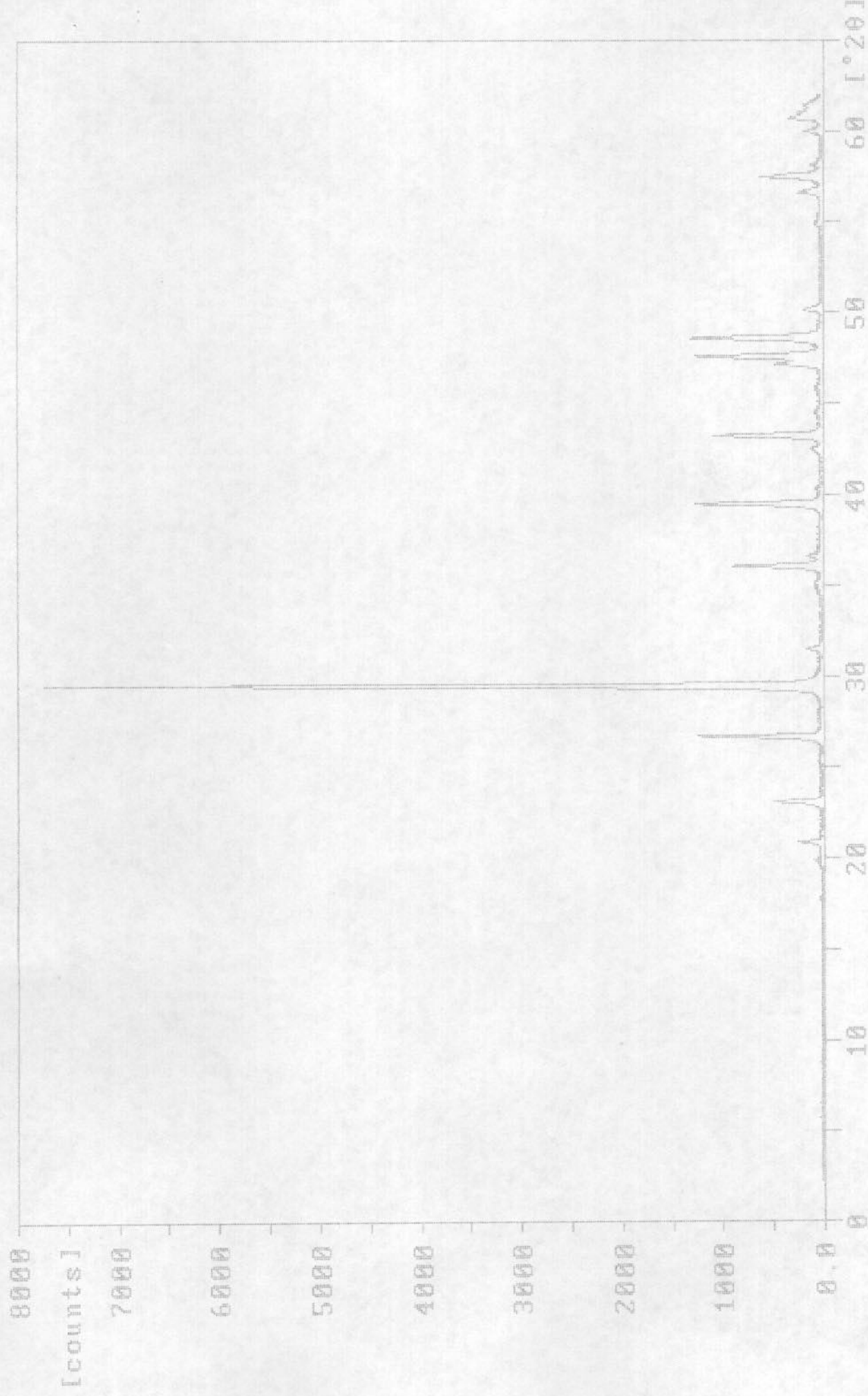
27-oct-1993 9:11



188-51A.RD

Sample identification: H162(14-9)HE-0501

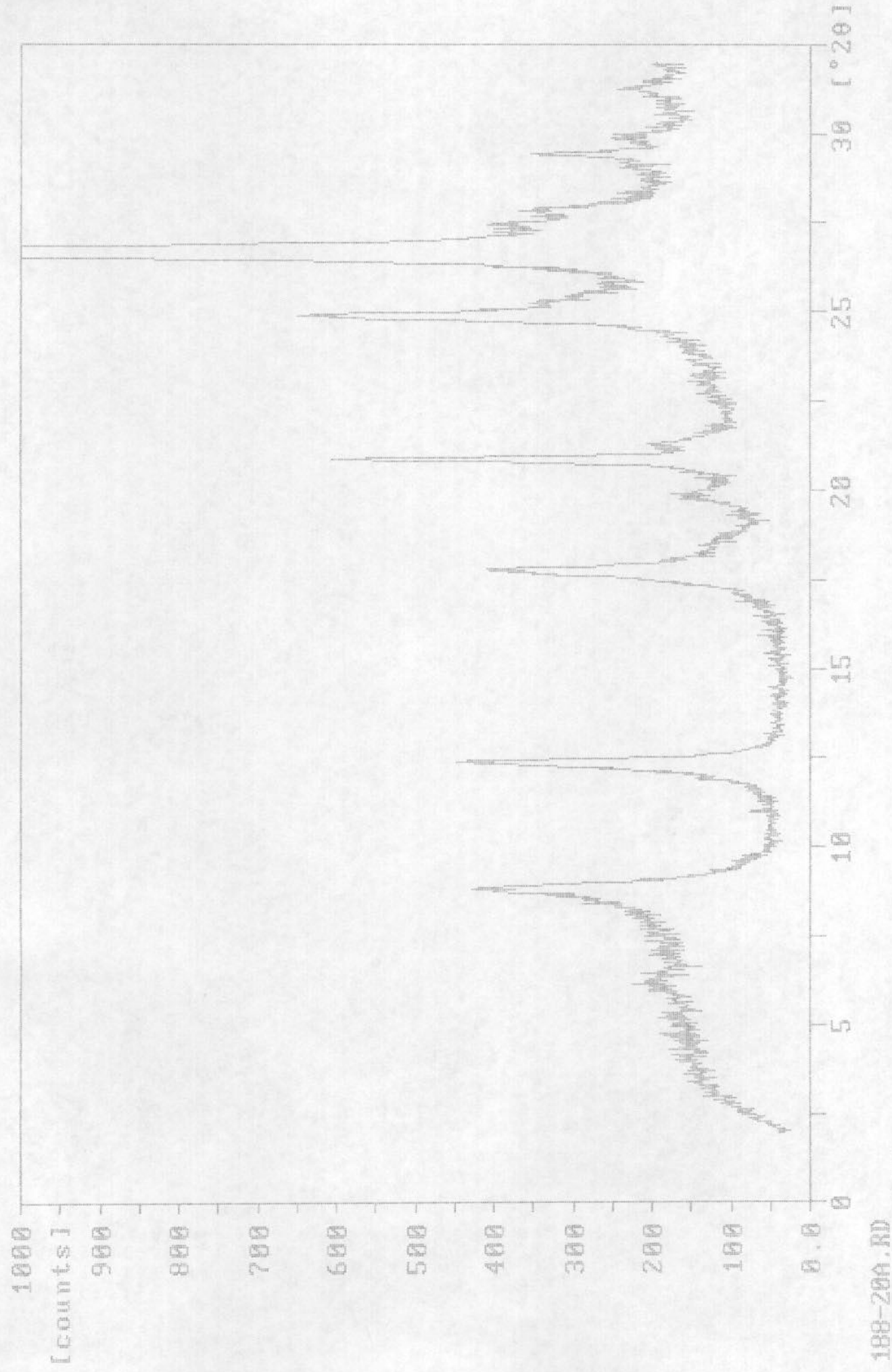
7-oct-1993 9:58



188-51.RD

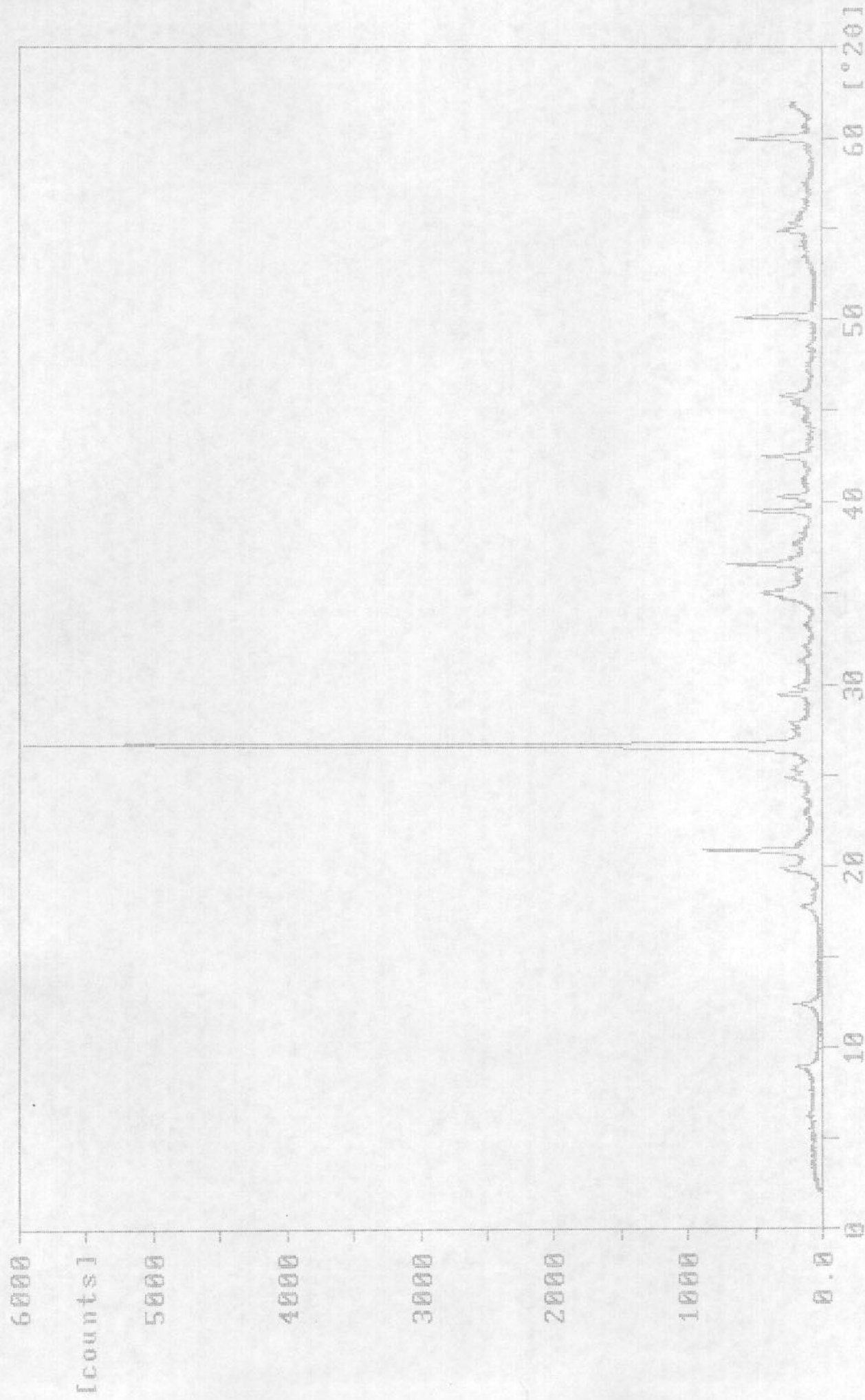
Sample identification: M161(13-9)HE-0501

15 sep-1993 13:05



Sample identification: H161(13-9)HE-0501

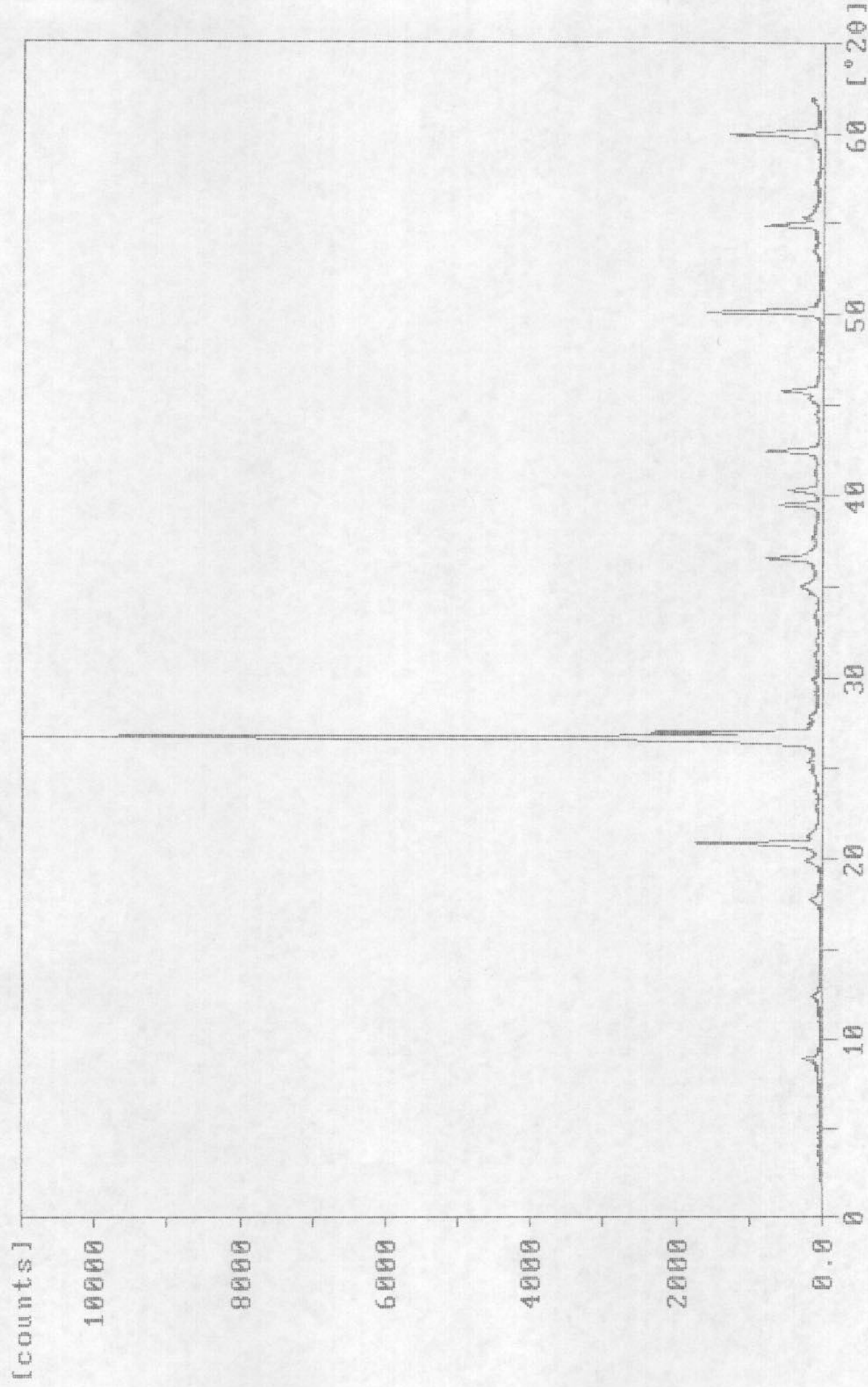
9-sep-1993 16:26



188-20.RD

Sample identification: H0JA-15-9 HE-0420

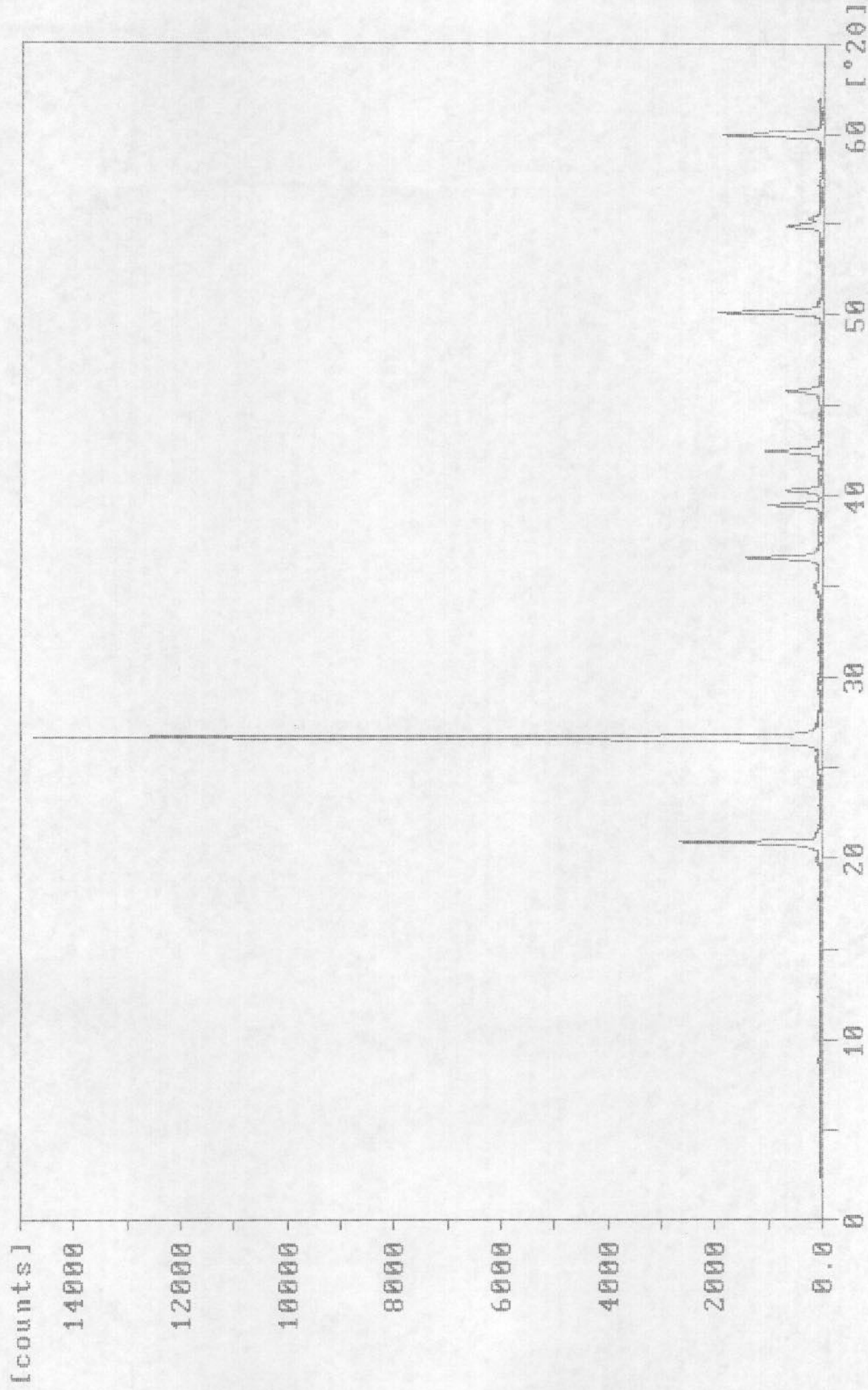
26-apr-1993 10:27



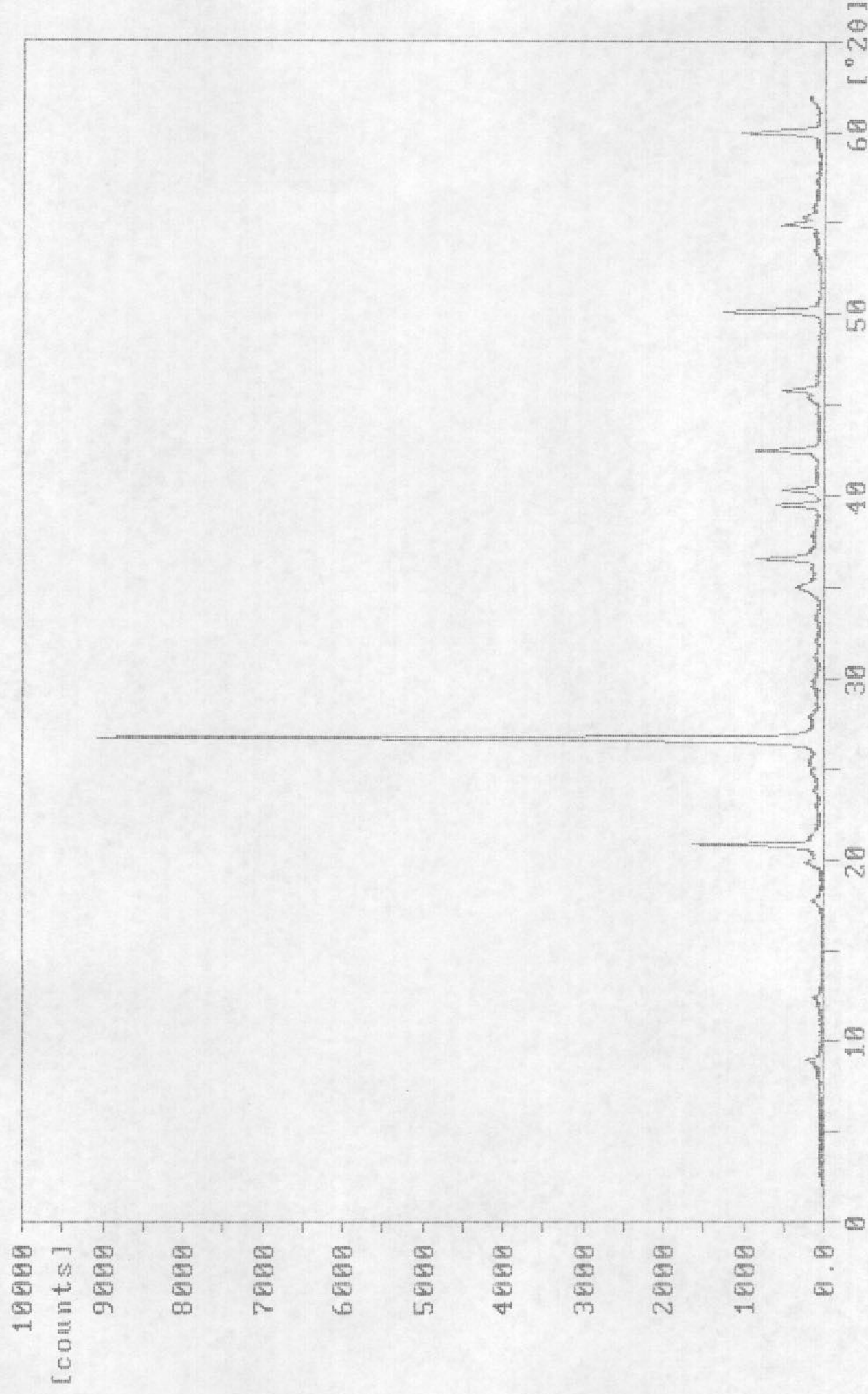
000-83.RD

Sample identification: H0JA-15-9 HE-0419

26-apr-1993 9:57

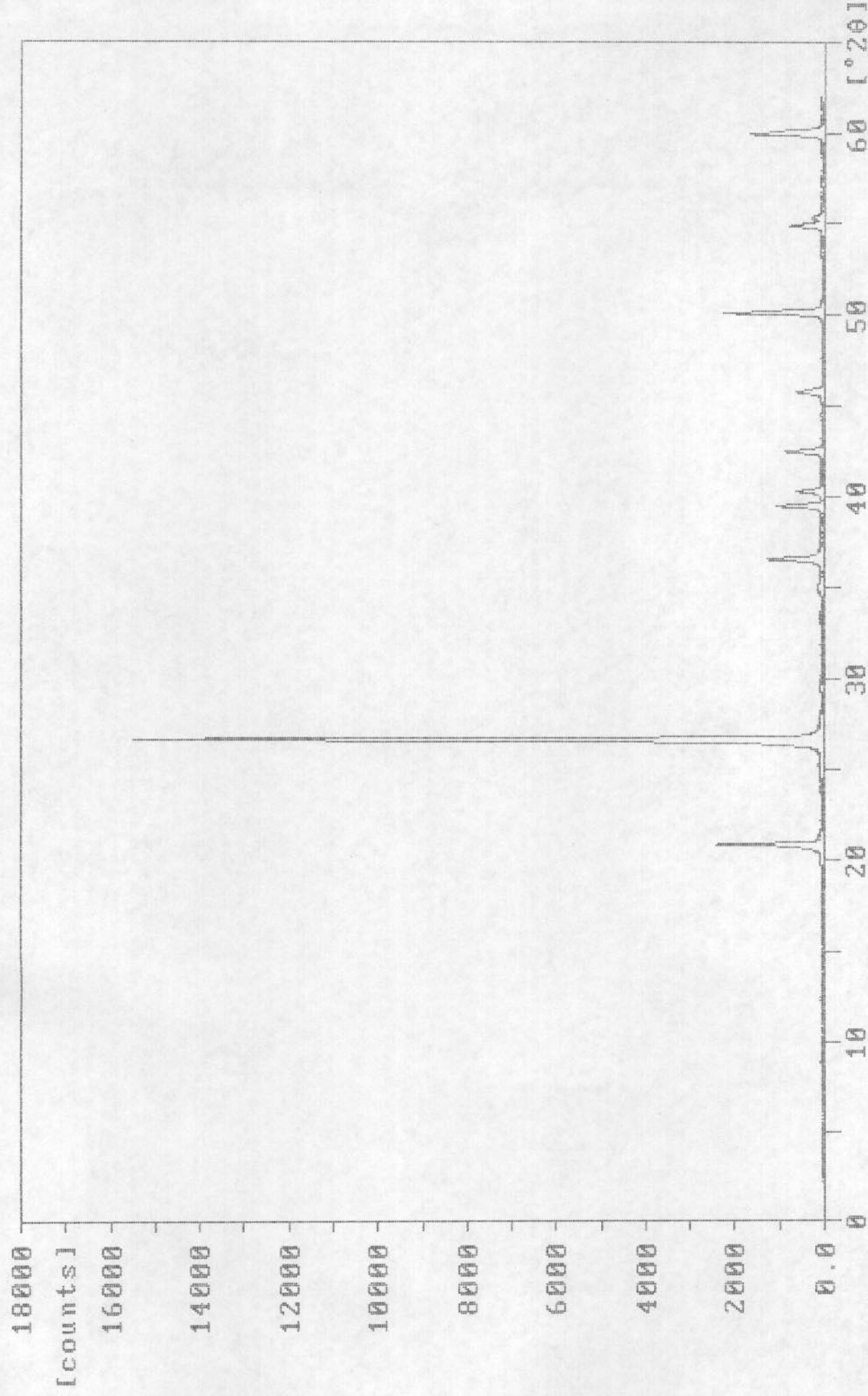


000-82.RD



Sample identification: H0JA-15-9 HE-0417

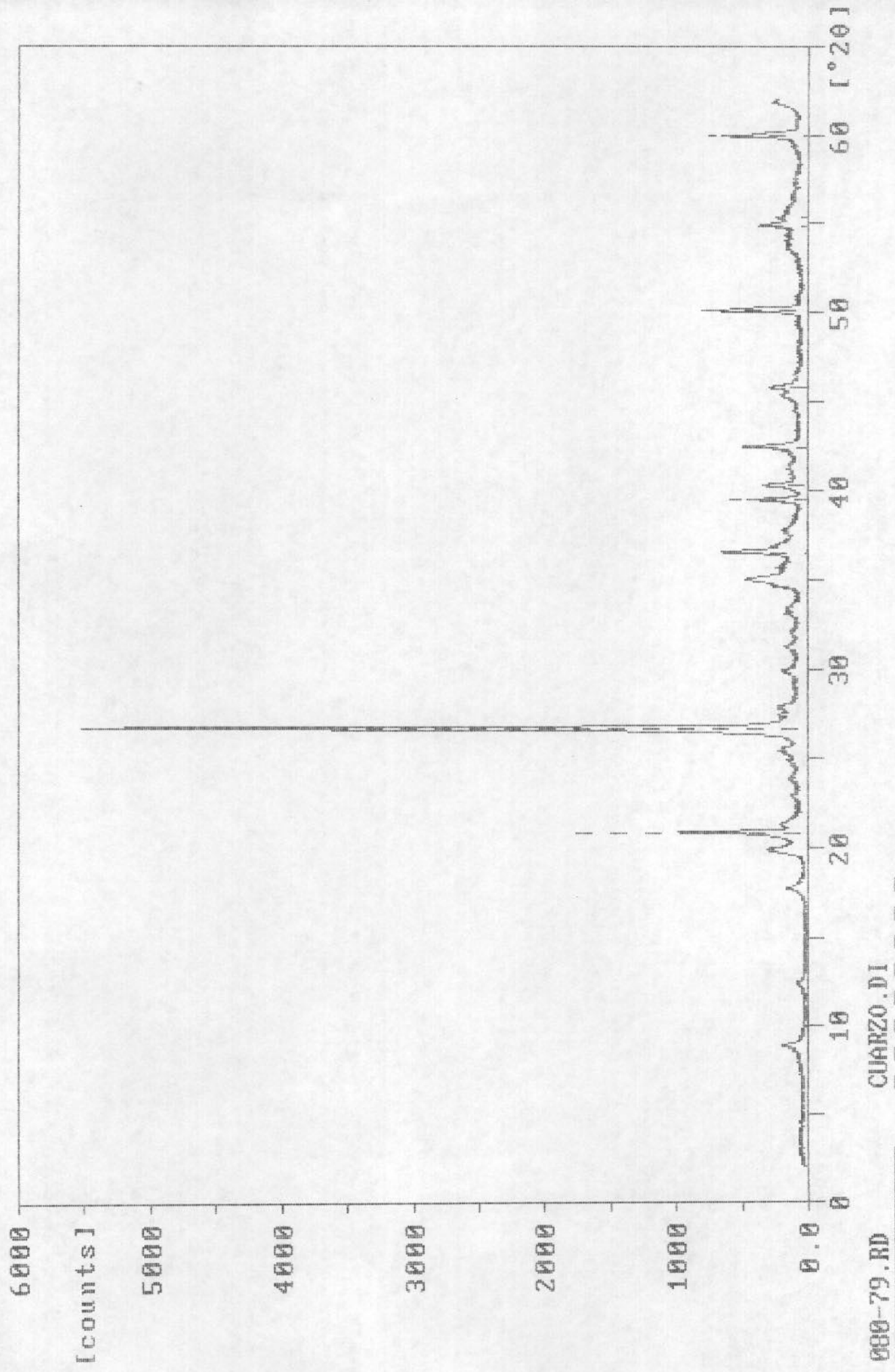
23-apr-1993 13:16



000-80.RD

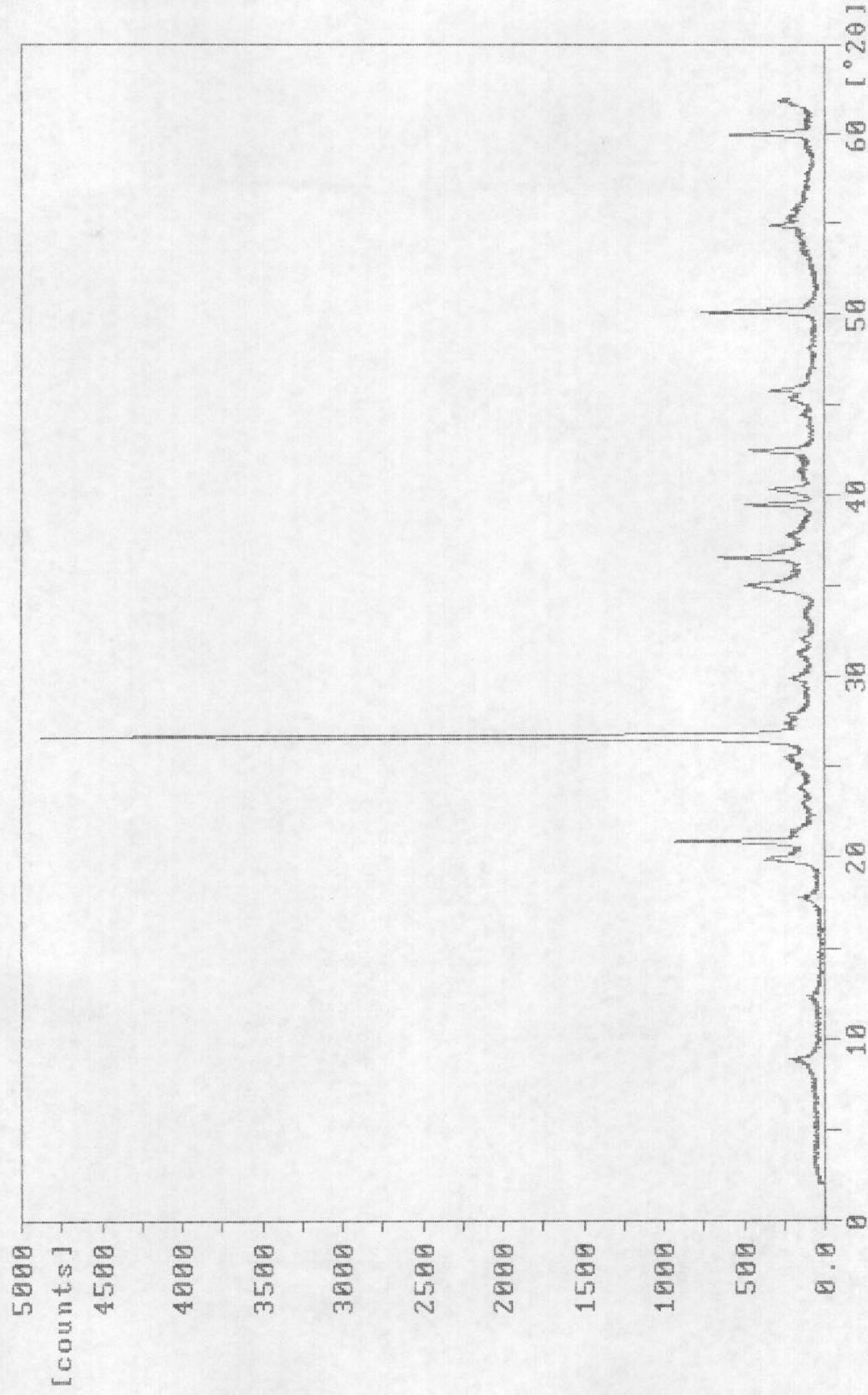
Sample identification: H0JA-15-9 HE-0416

13-apr-1993 10:00

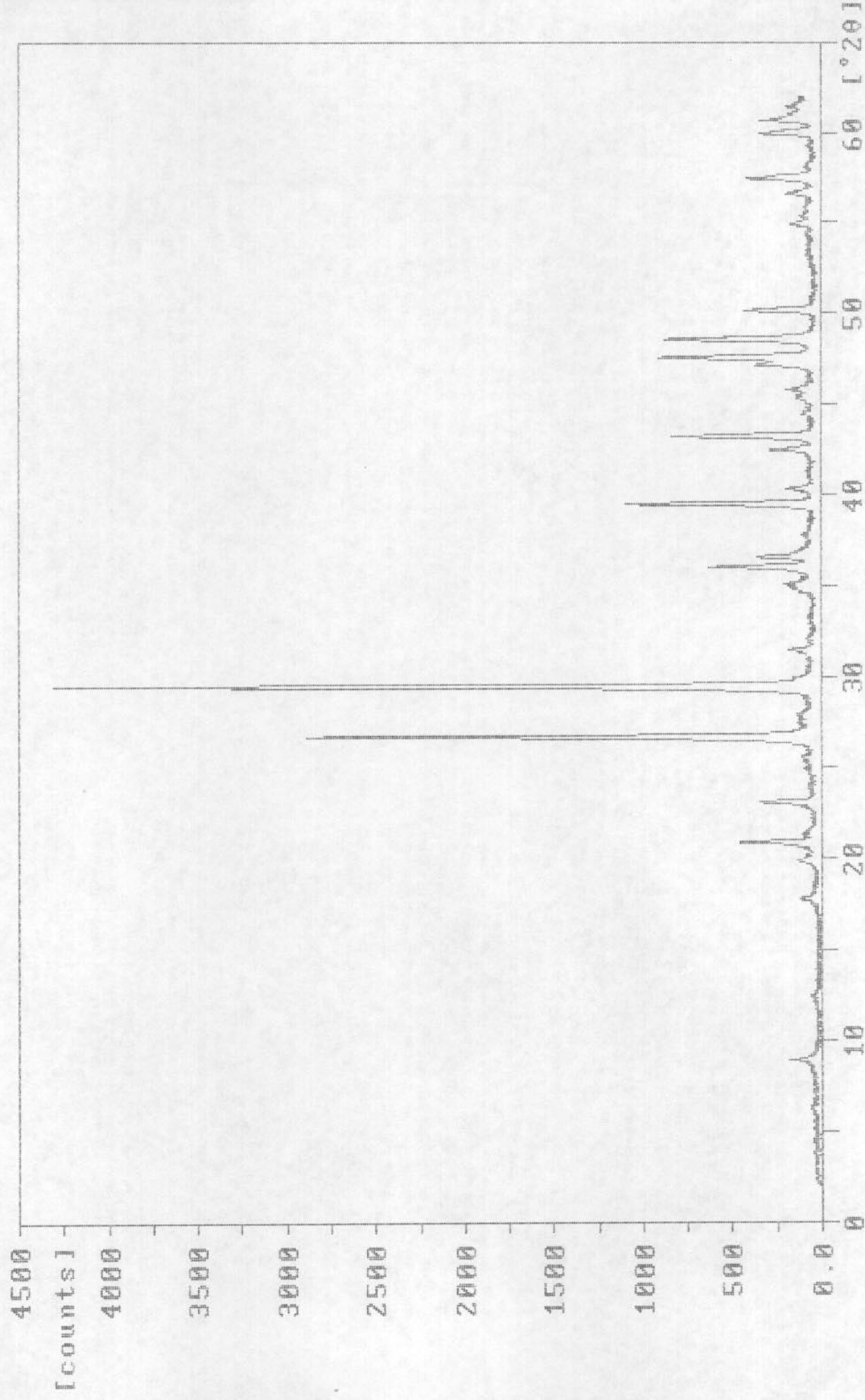


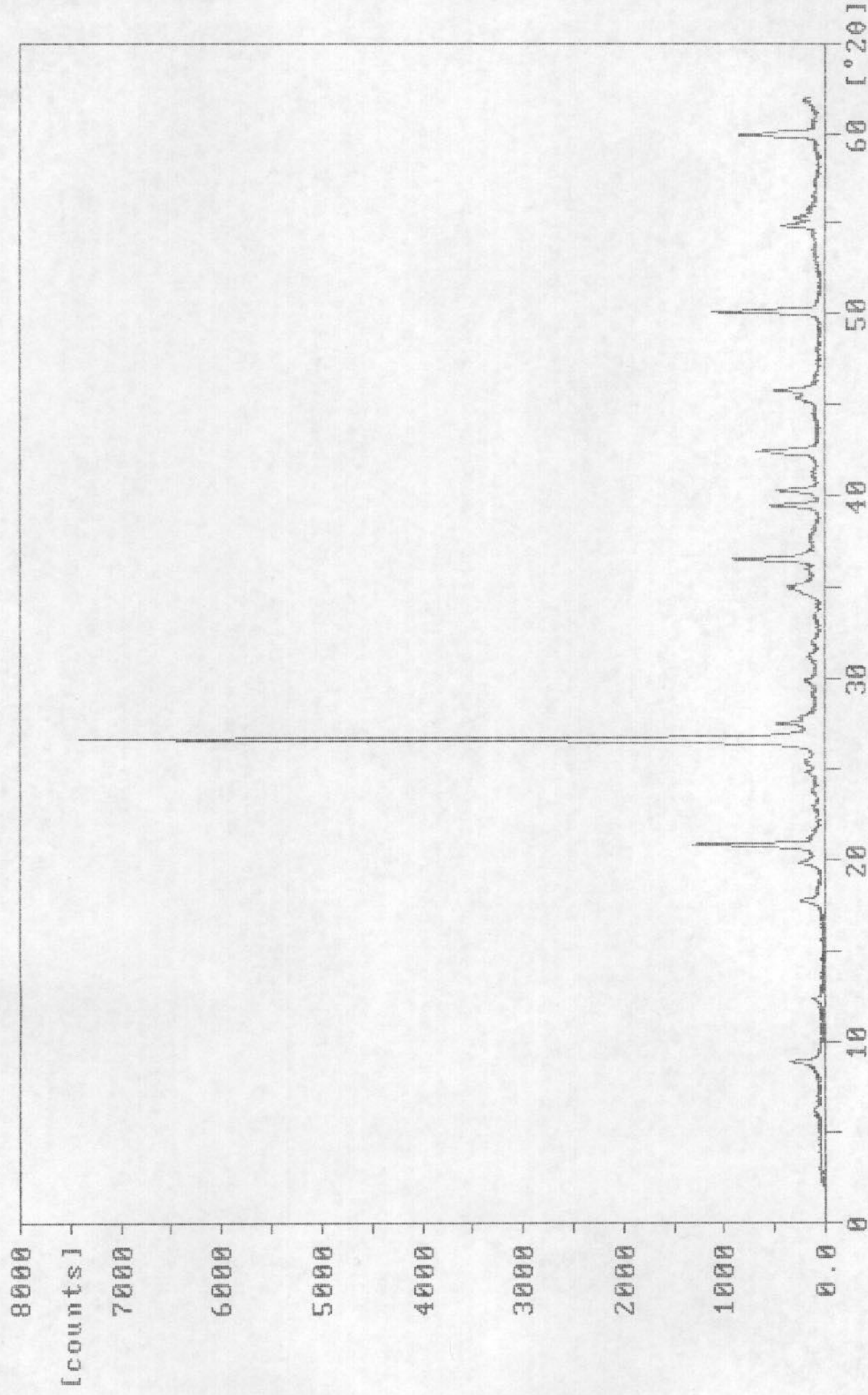
Sample identification: H0JA-15-9 HE-0415

15-apr-1993 14:16



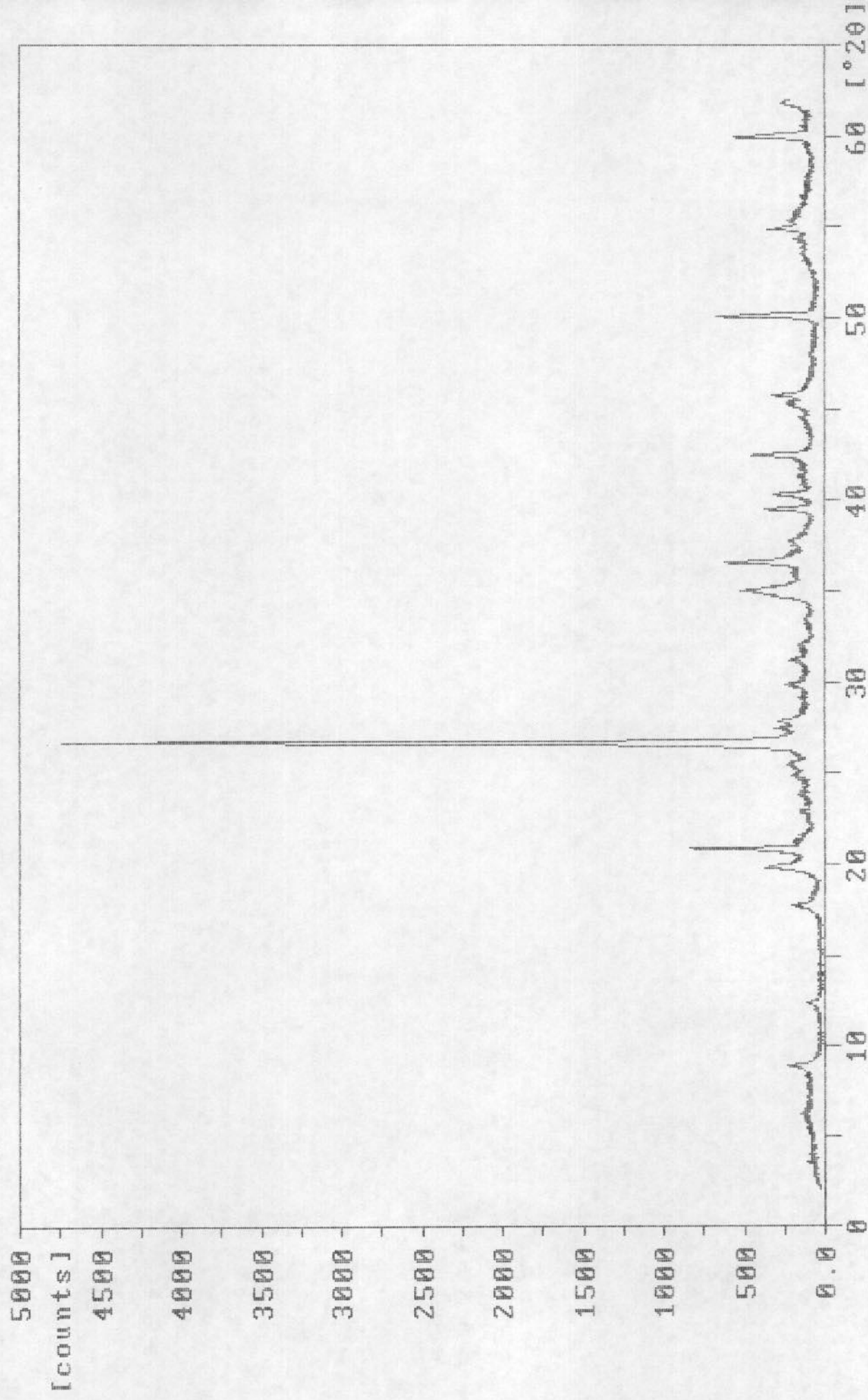
080-78.RD



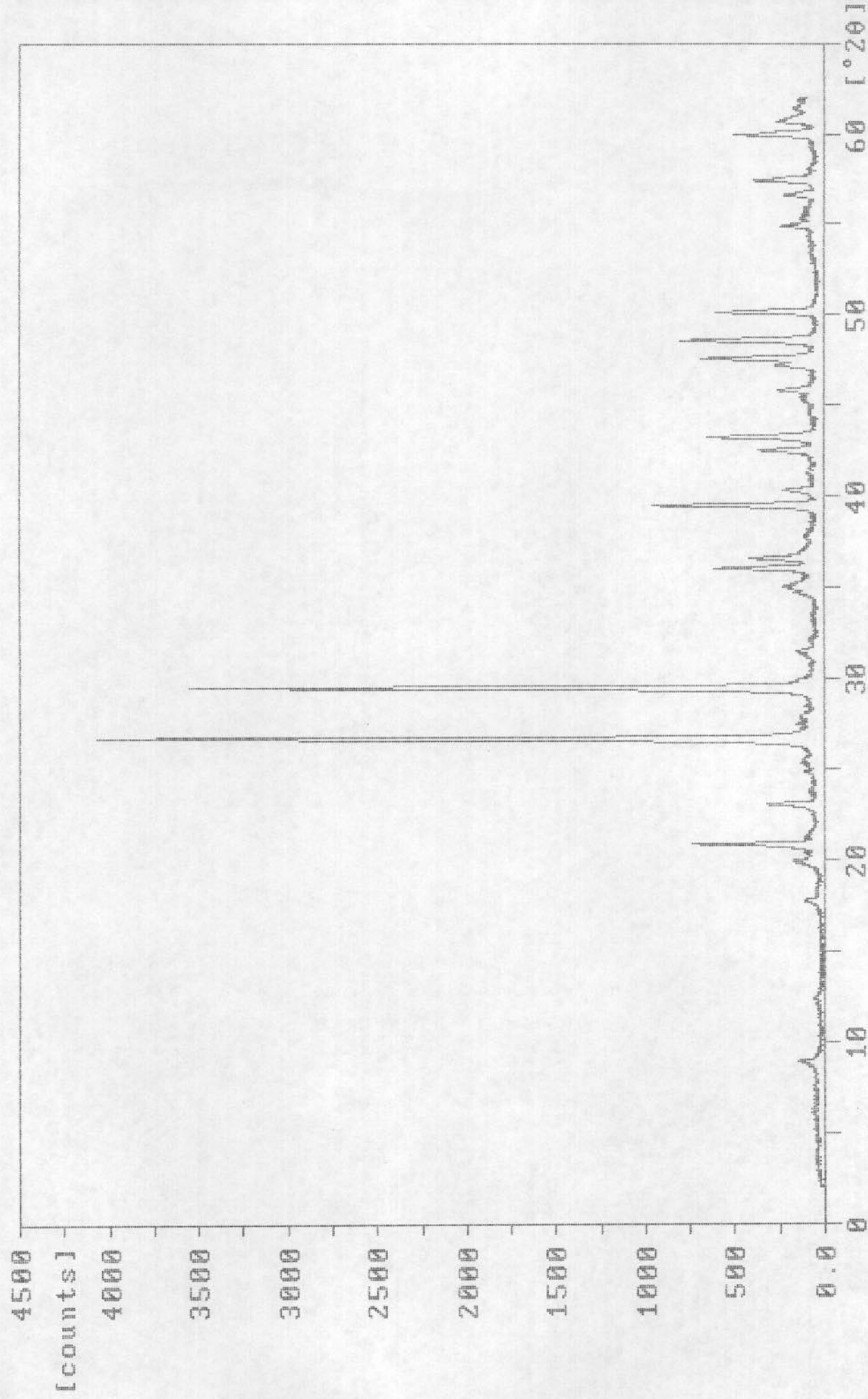


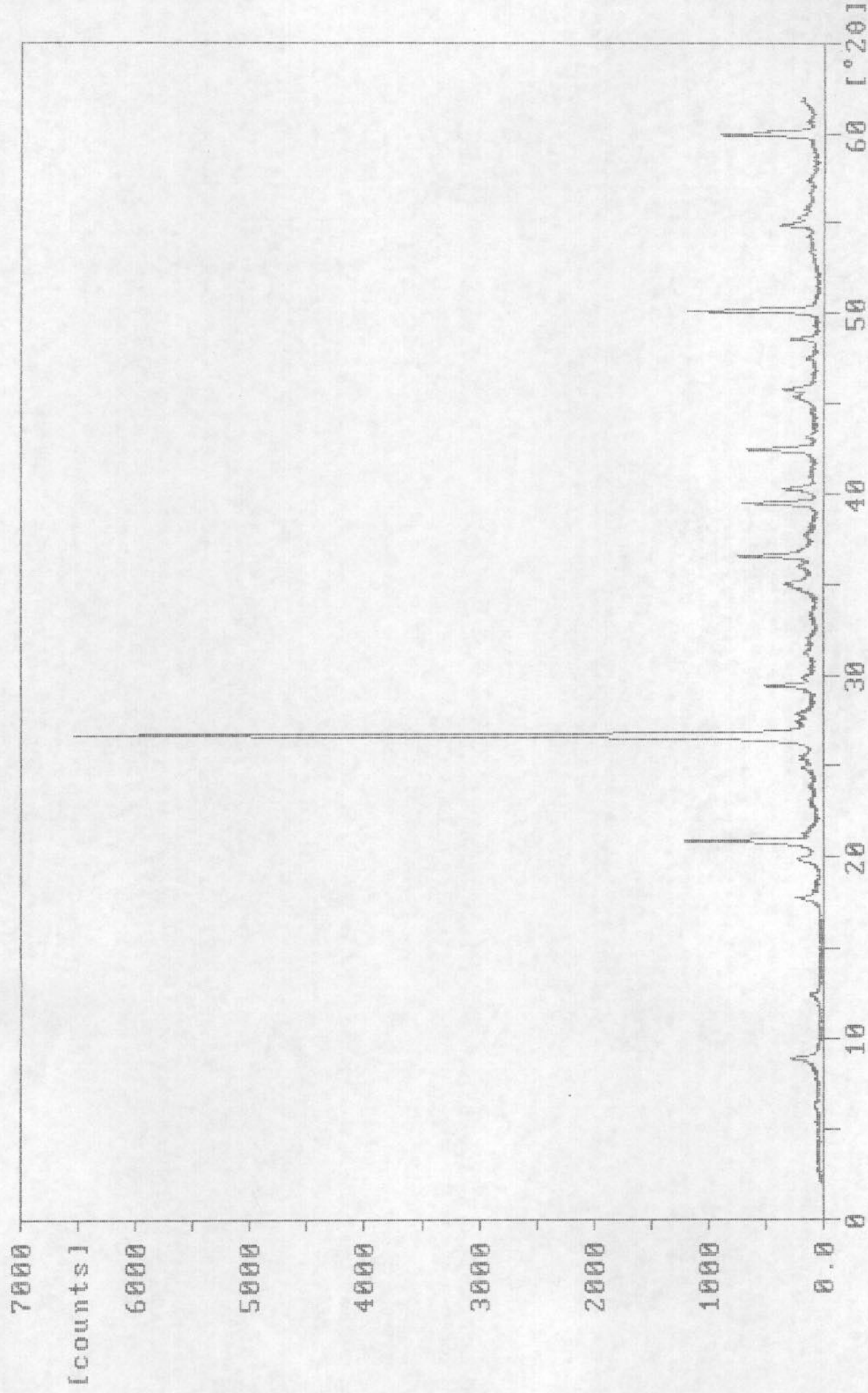
Sample identification: H0JA-15-9 HE-0412

13-apr-1993 15:08



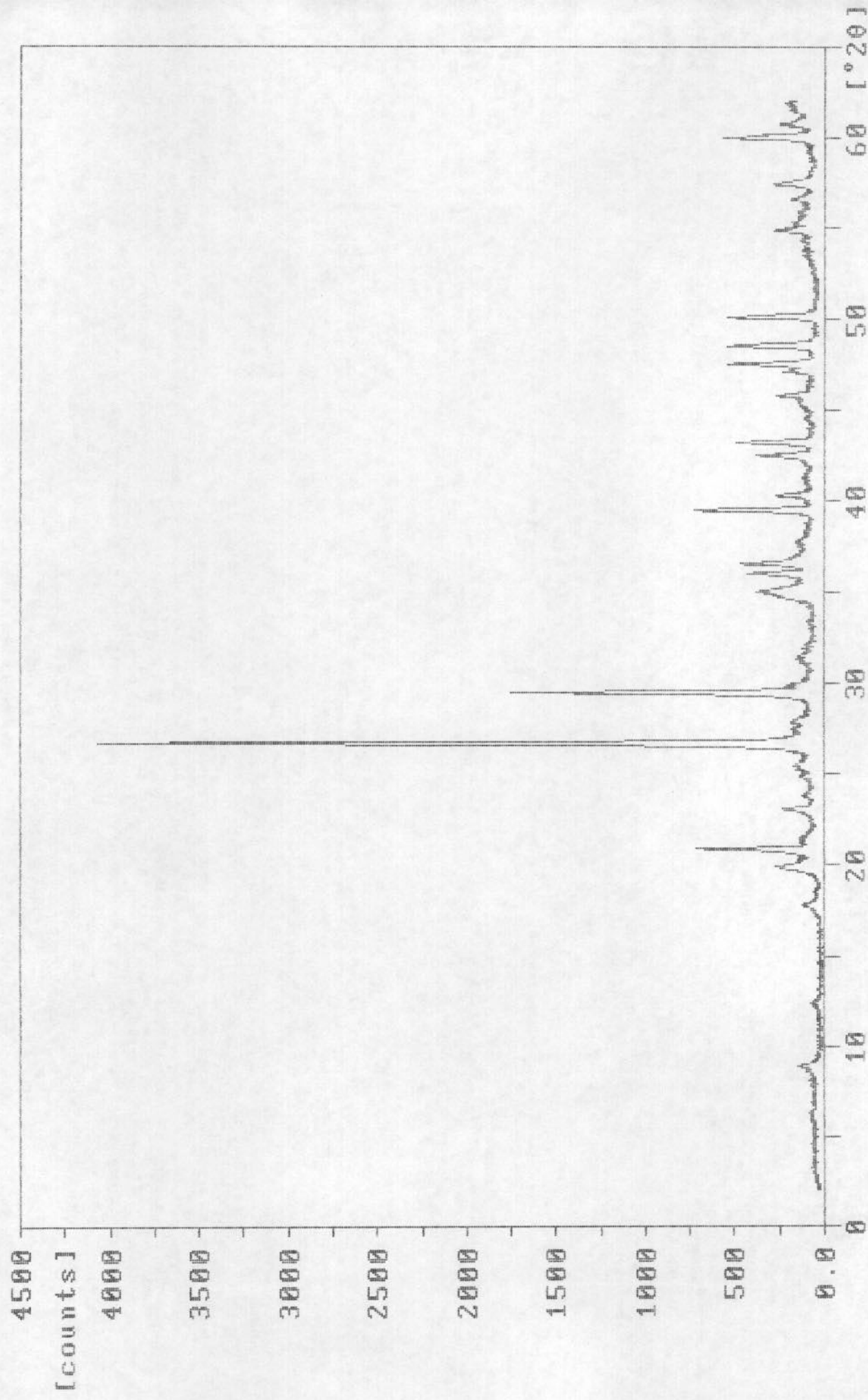
000-75.RD





Sample identification: H0JA-15-9 HE-0409

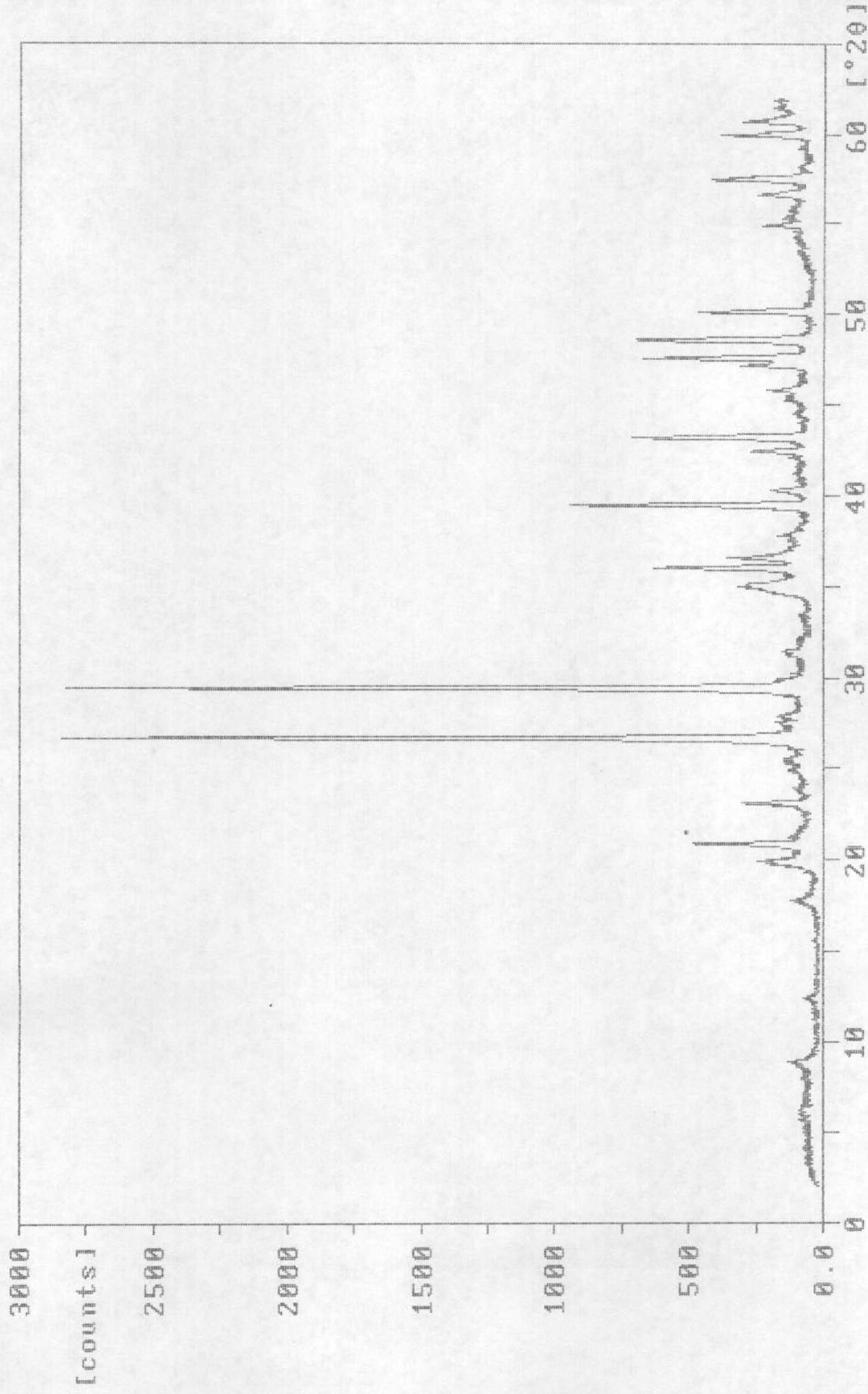
13-apr-1993 9:23



000-72.RD

Sample identification: H0JA-15-9 HE-0408

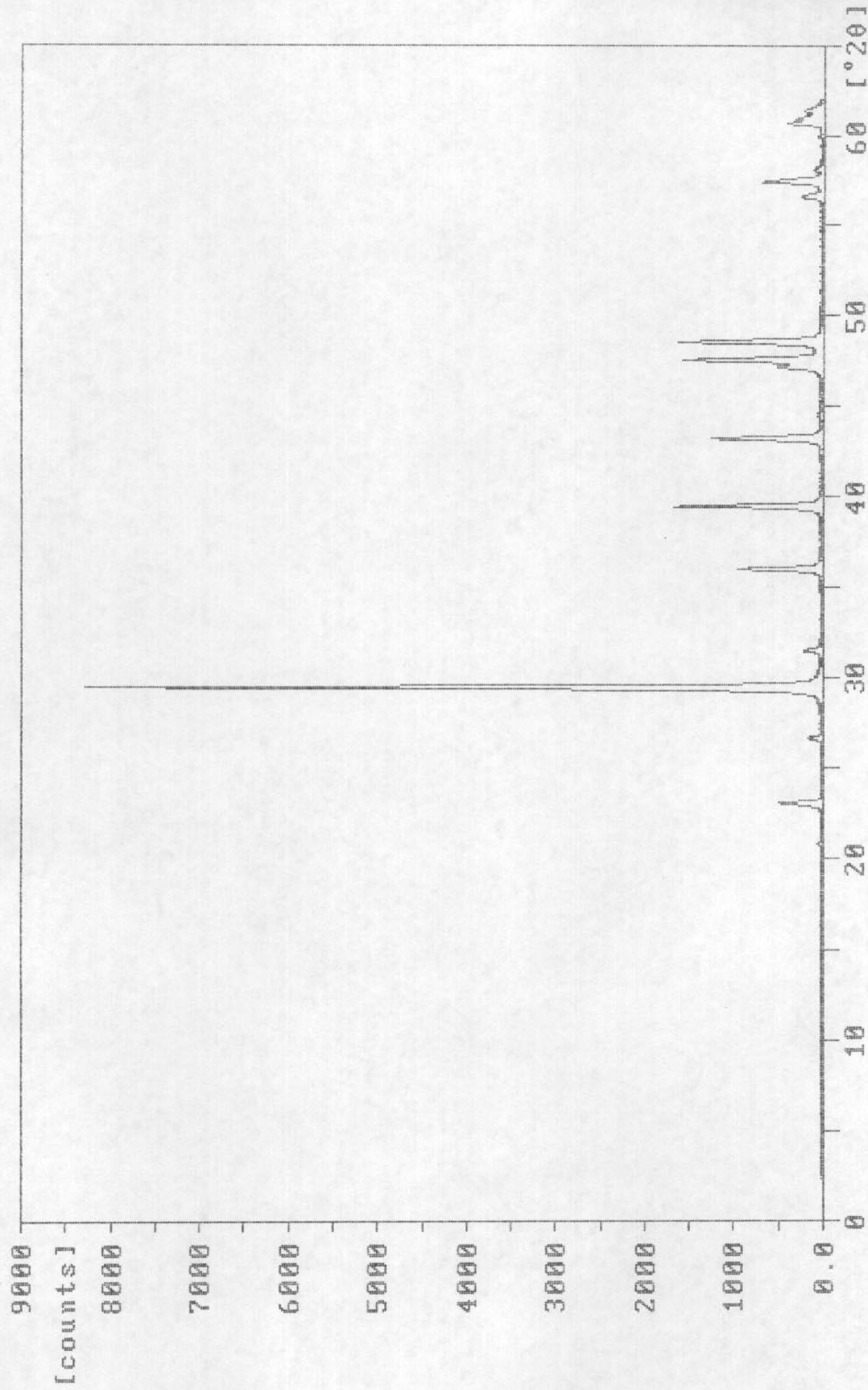
23-apr-1993 10:34



000-71.RD

Sample identification: H0JA-15-9 HE-0407

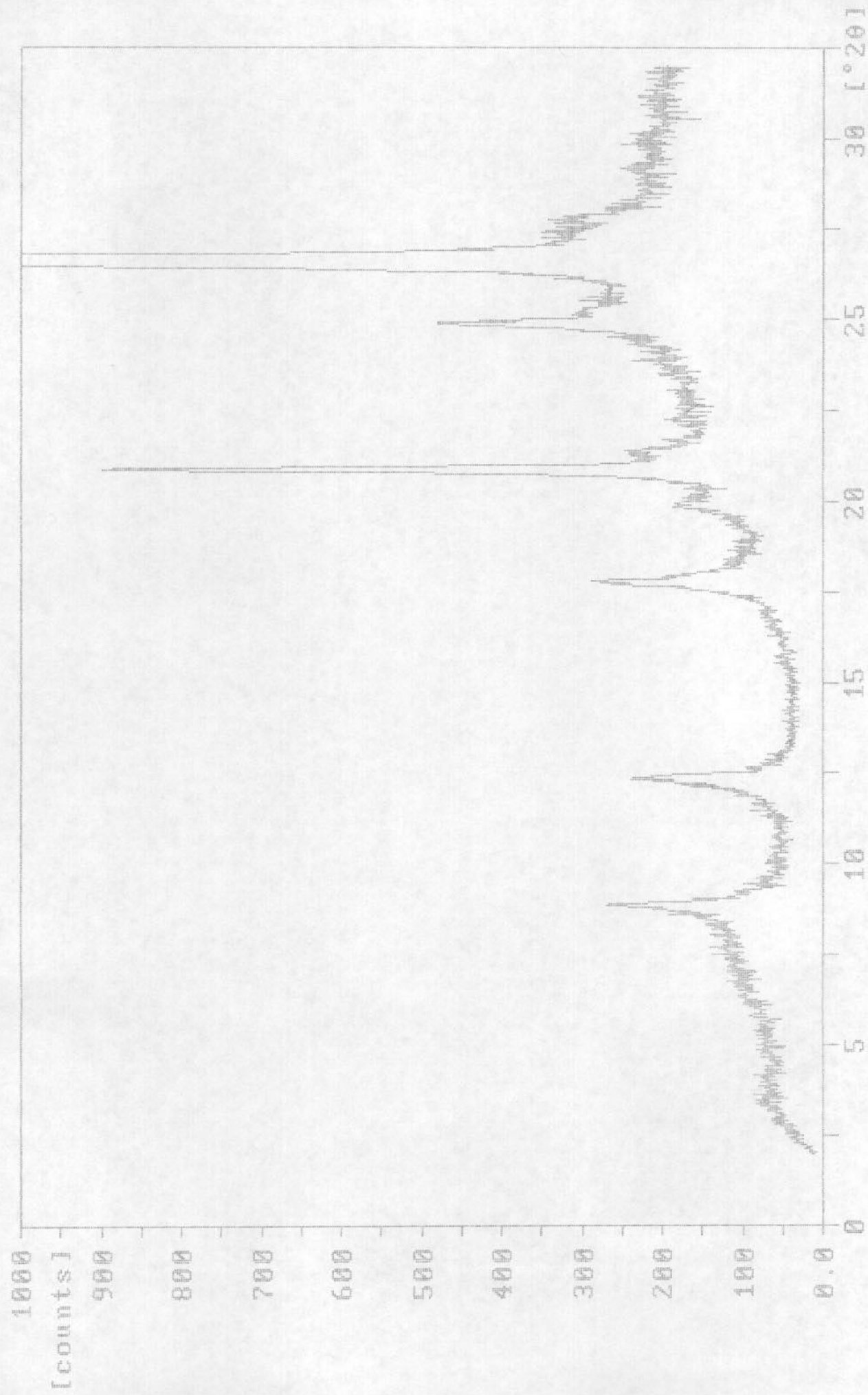
15-apr-1993 15:37



080-70.RD

Sample identification: H161(13-9)HE-0407

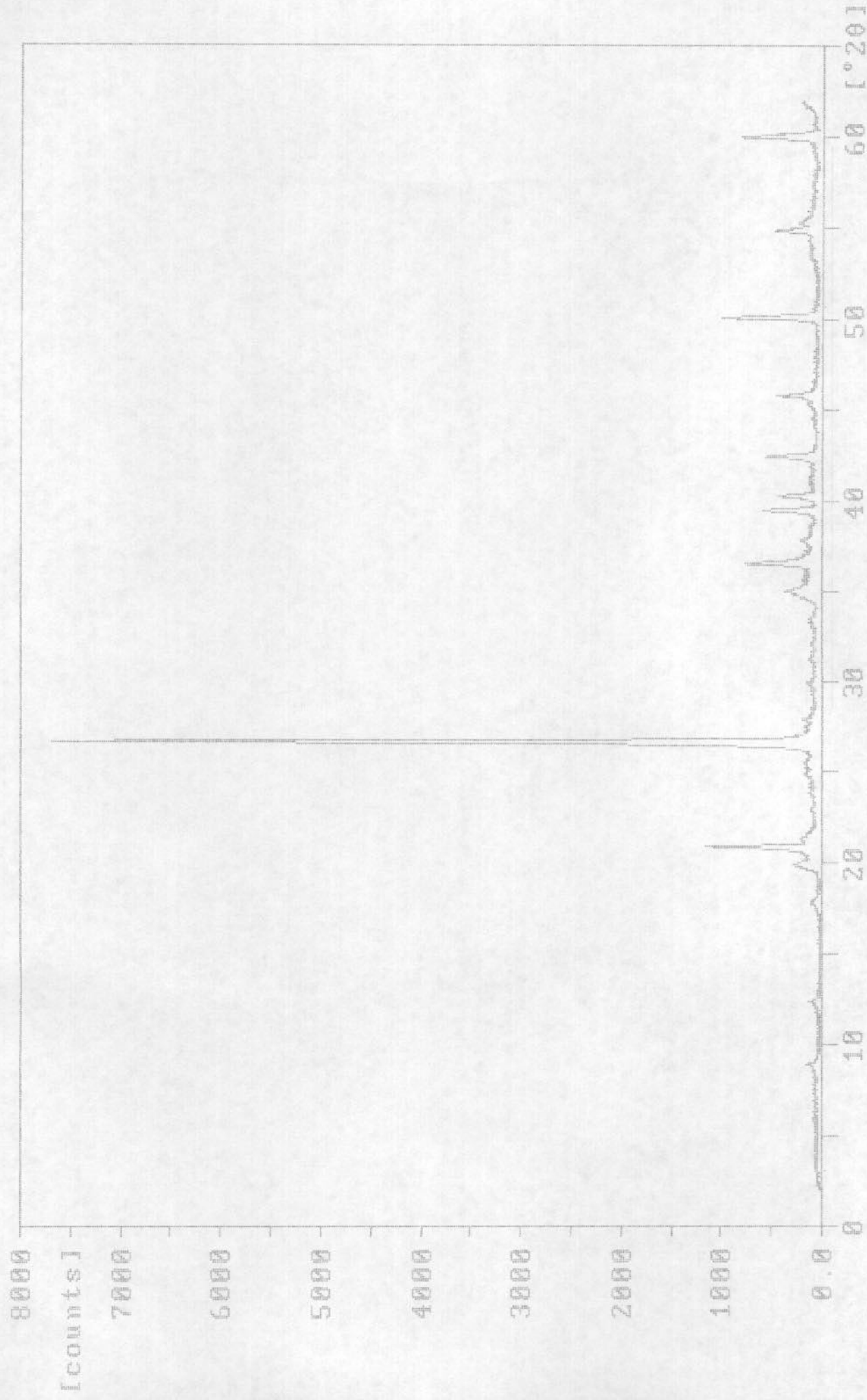
15-sep-1993 12:48



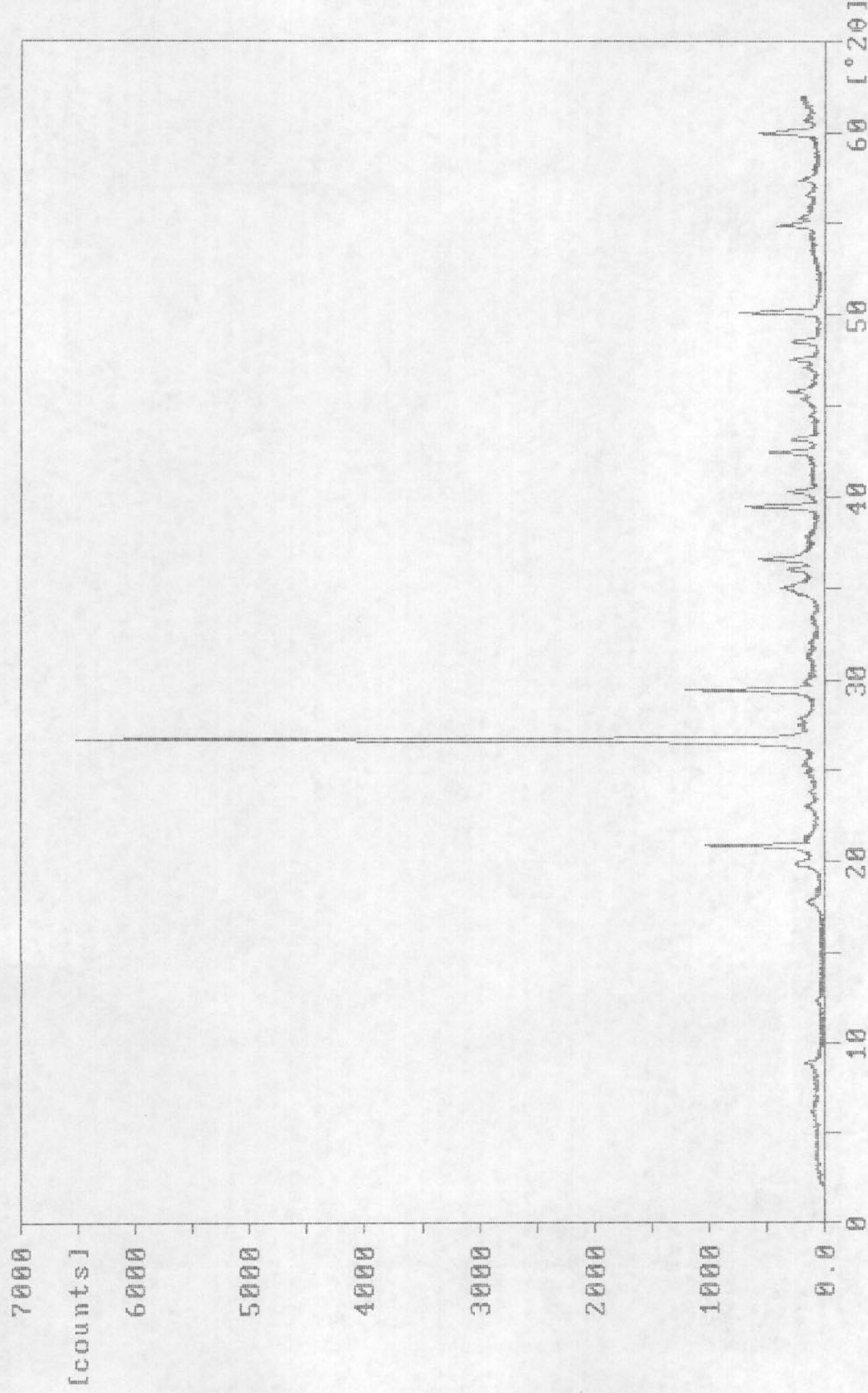
188-19A.RD

Sample identification: H161(13-9)HE-0407

9-sep-1993 15:56

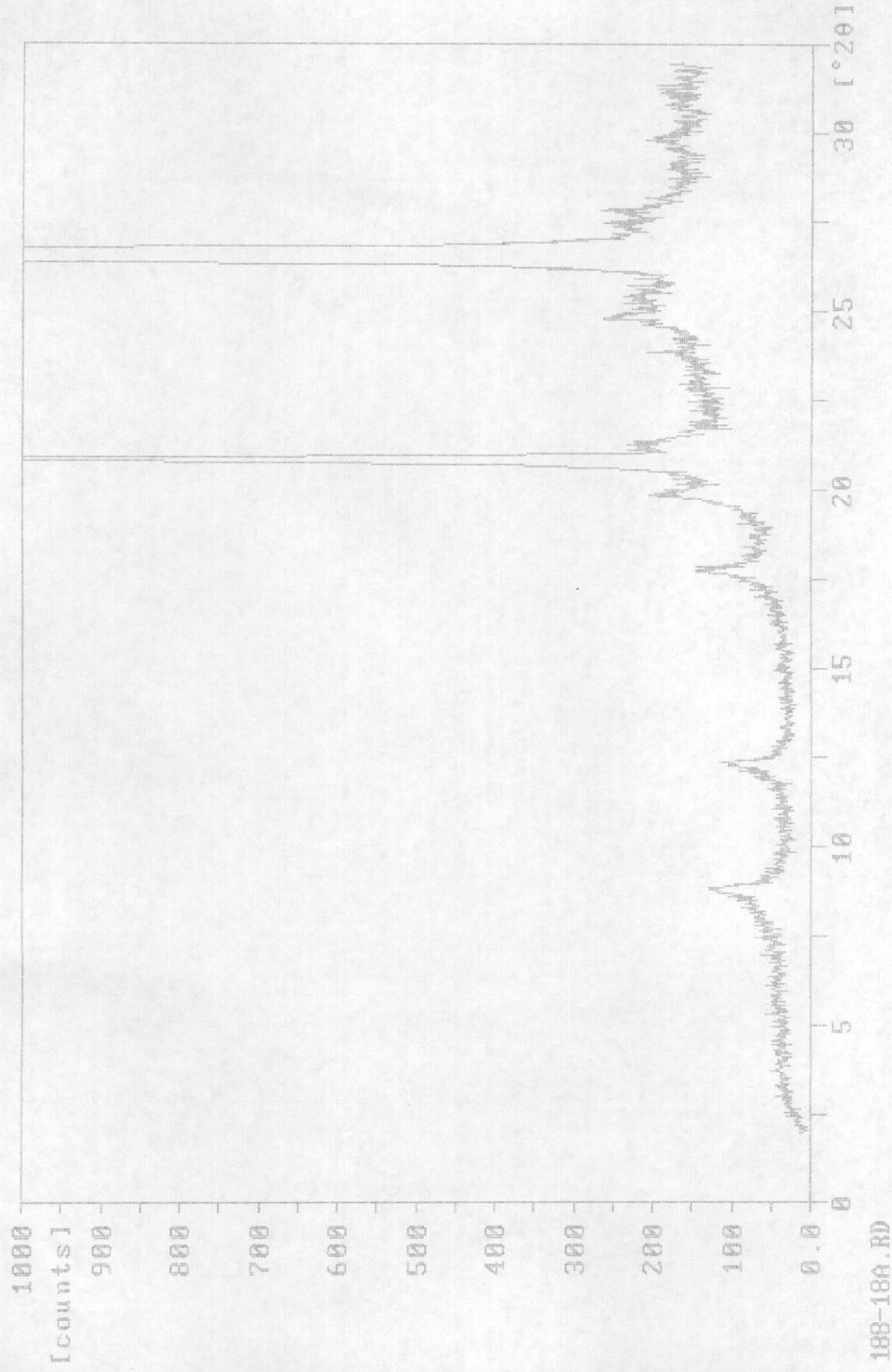


180-19.RD



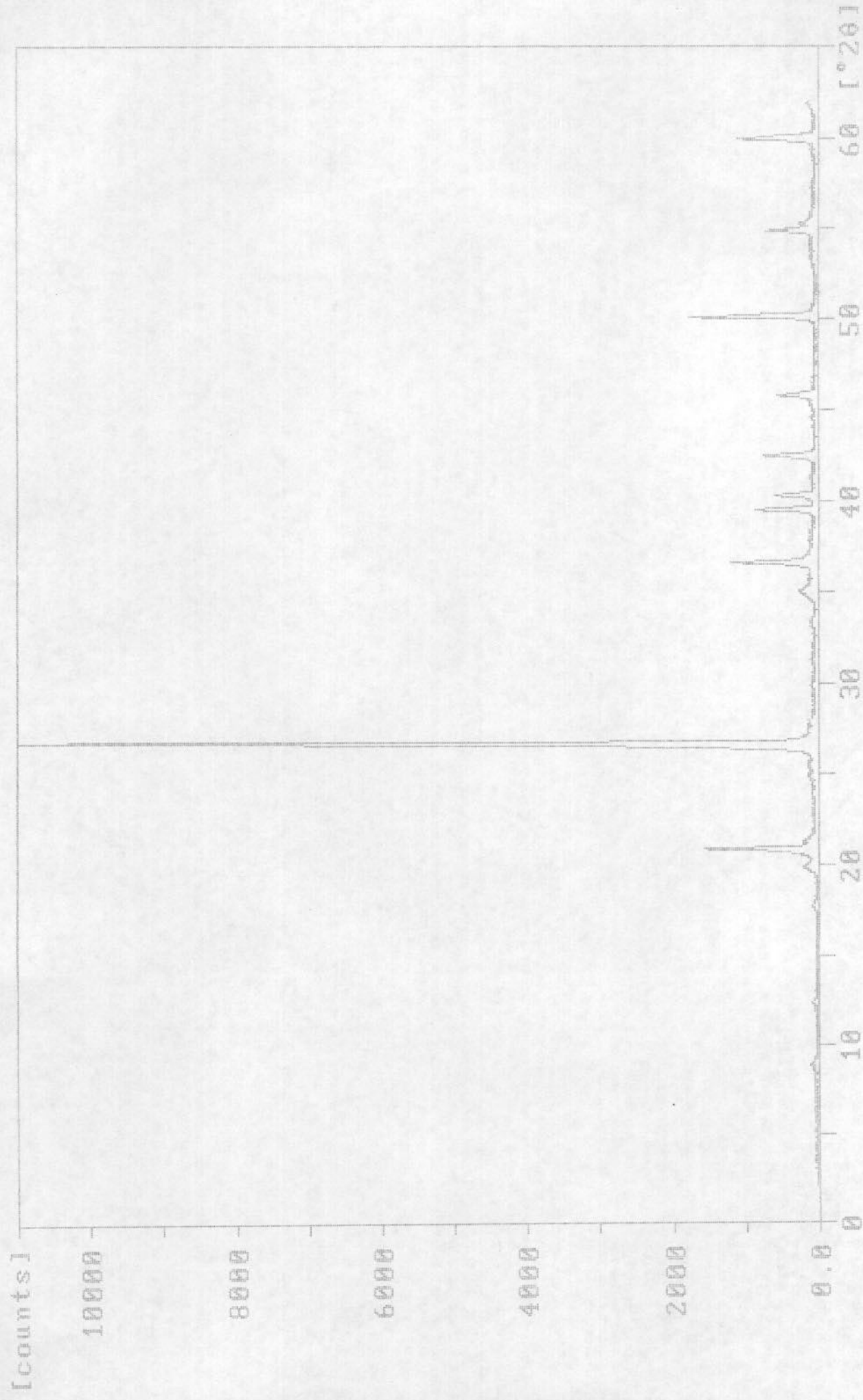
Sample identification: H161(13-9)HE-0406

15-sep-1993 12:27



Sample identification: H161(13-9)HE-0406

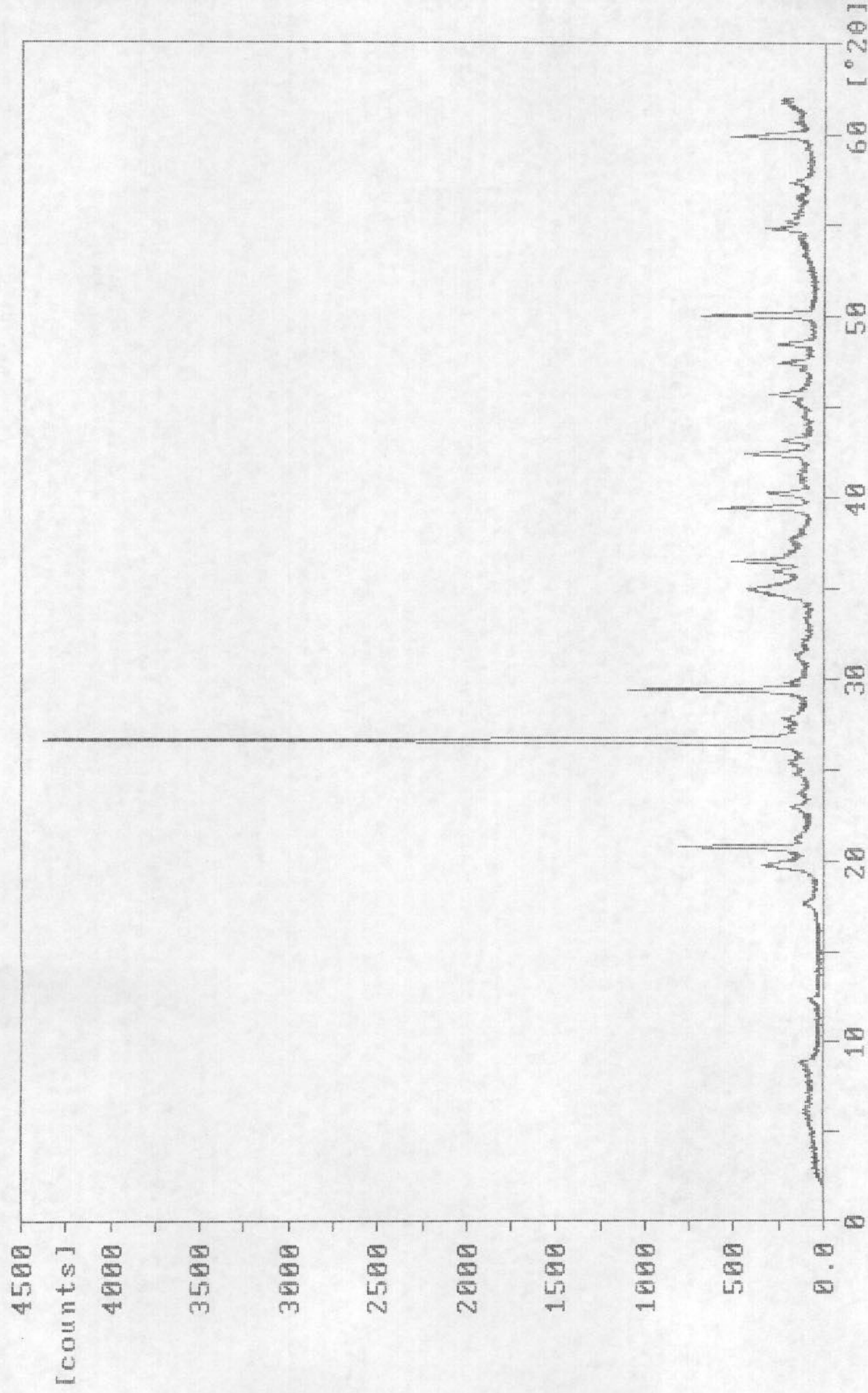
9-sep-1993 15:13



188-18.RD

Sample identification: H0JA-15-9 HE-0405

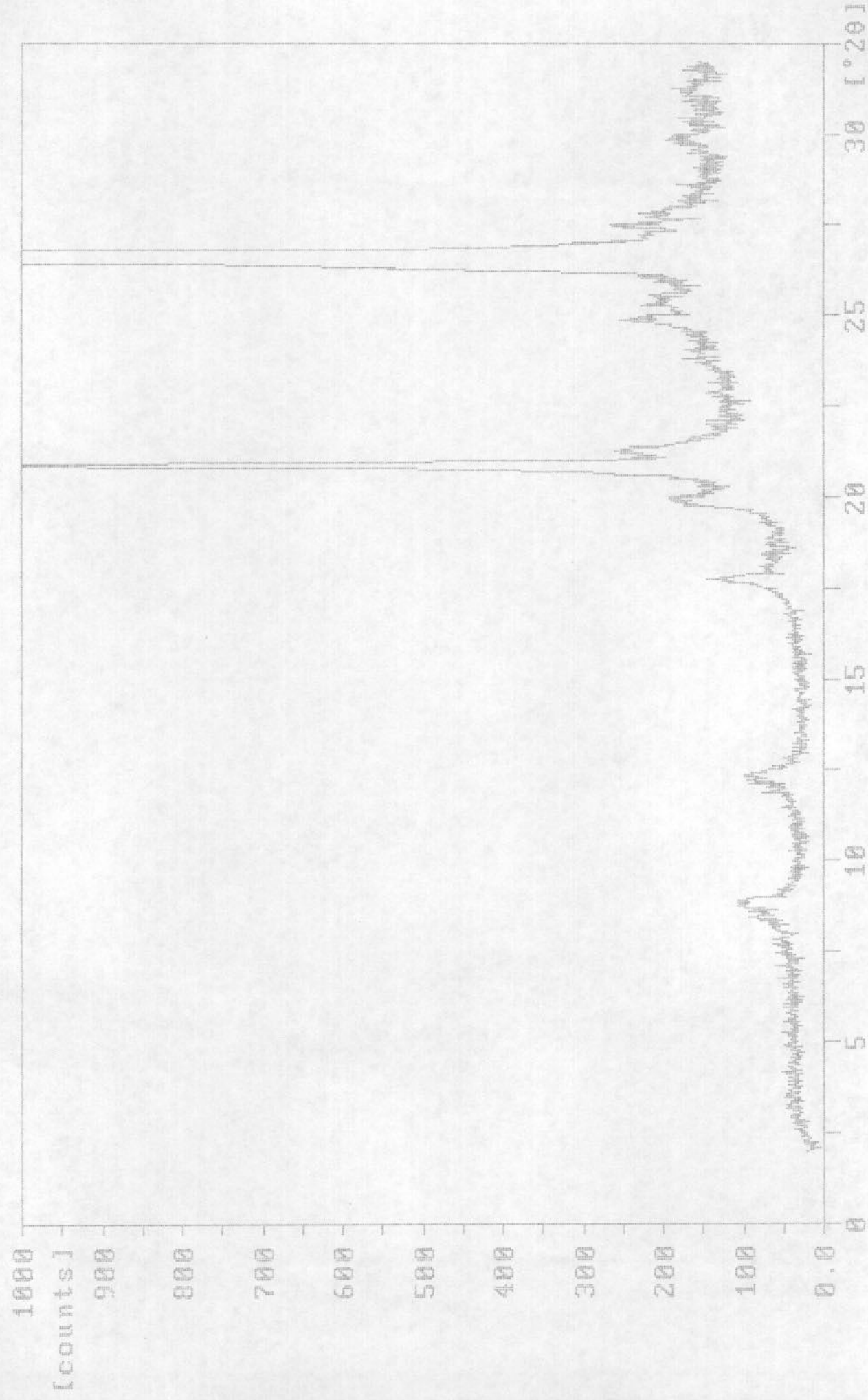
15-apr-1993 15:07



000-68.RD

Sample identification: H161(13-9)HE-0405

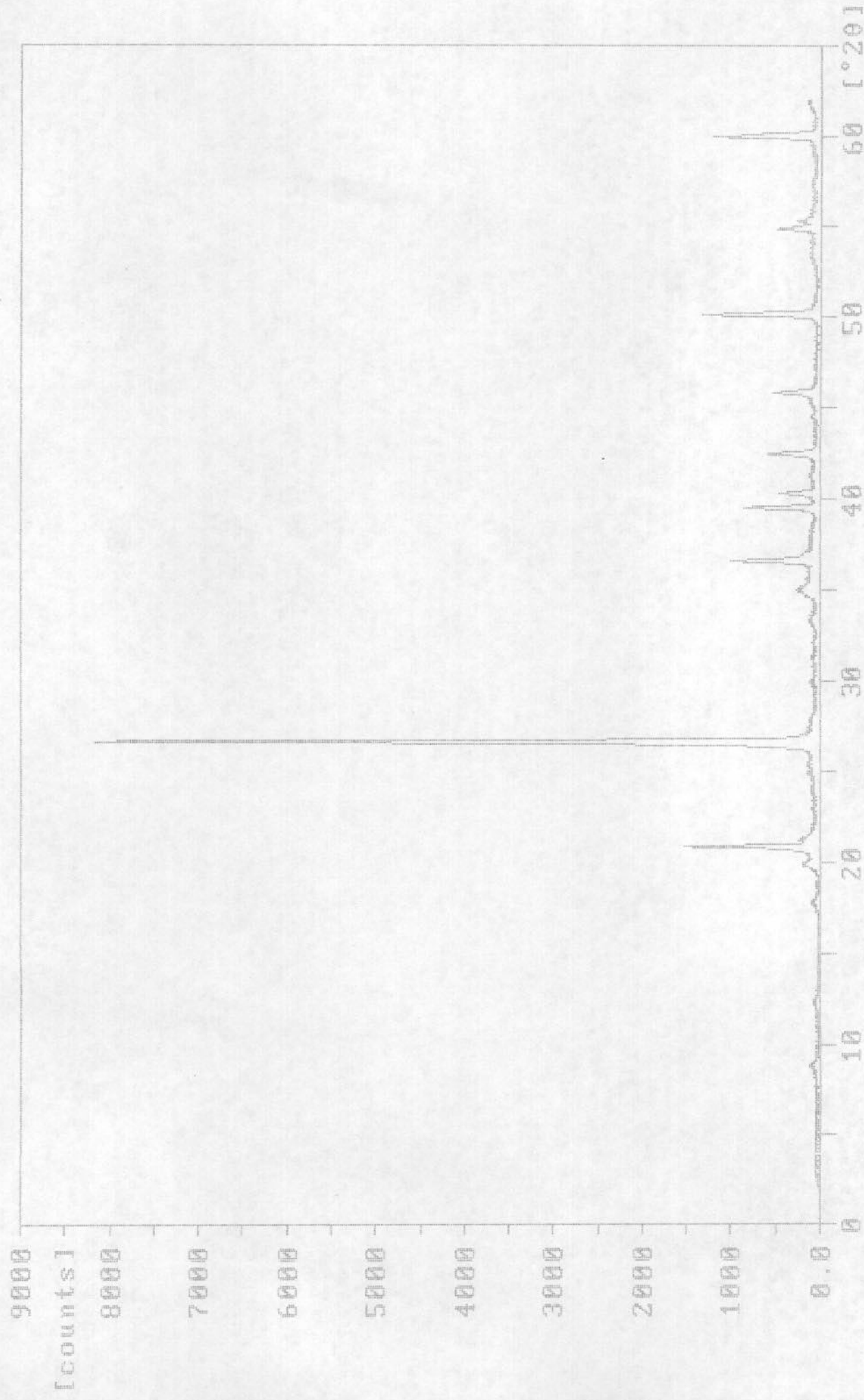
15-sep-1993 12:10



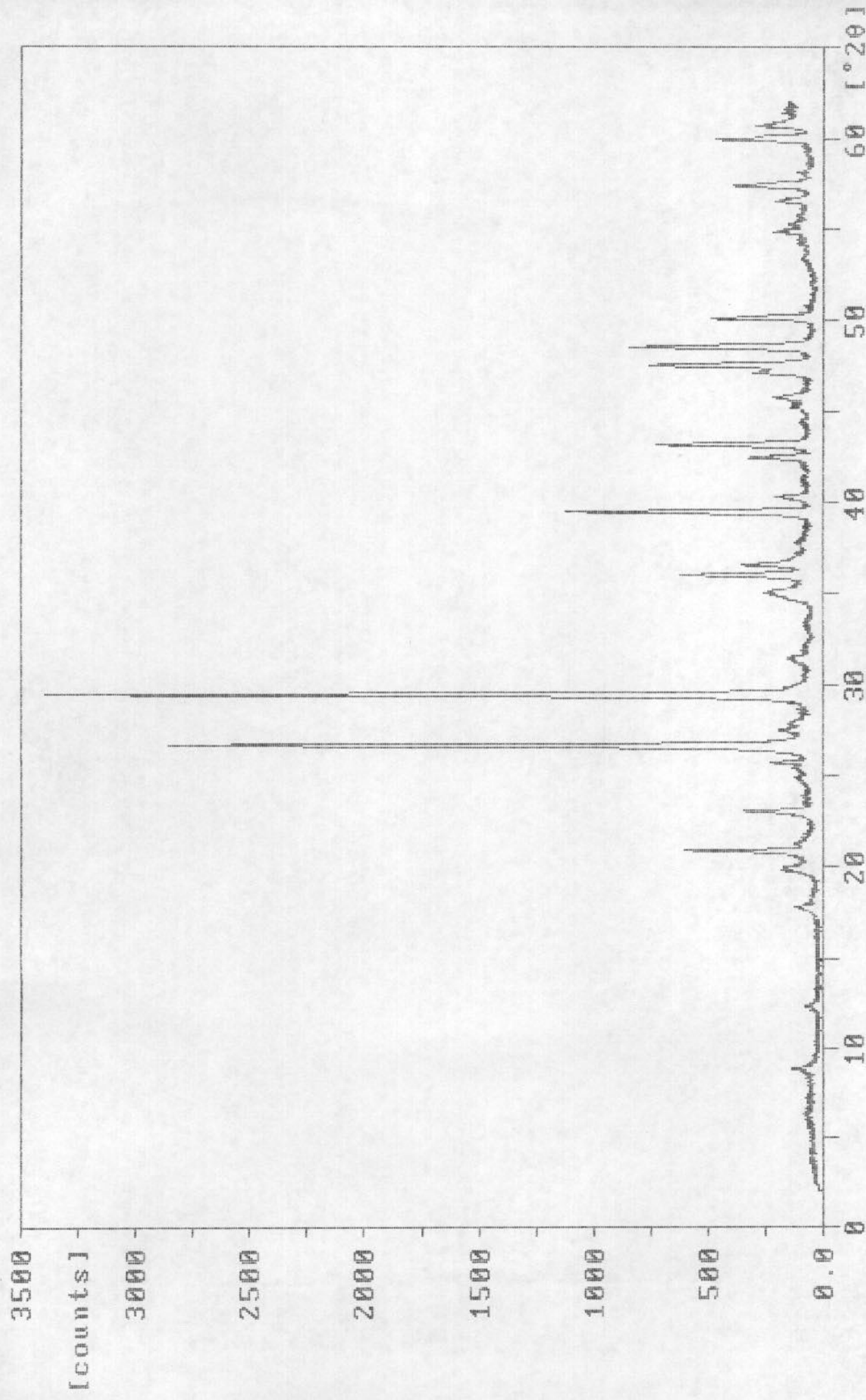
188-17A.RD

Sample identification: H161(13-9)HE-0405

9-sep-1993 14:06

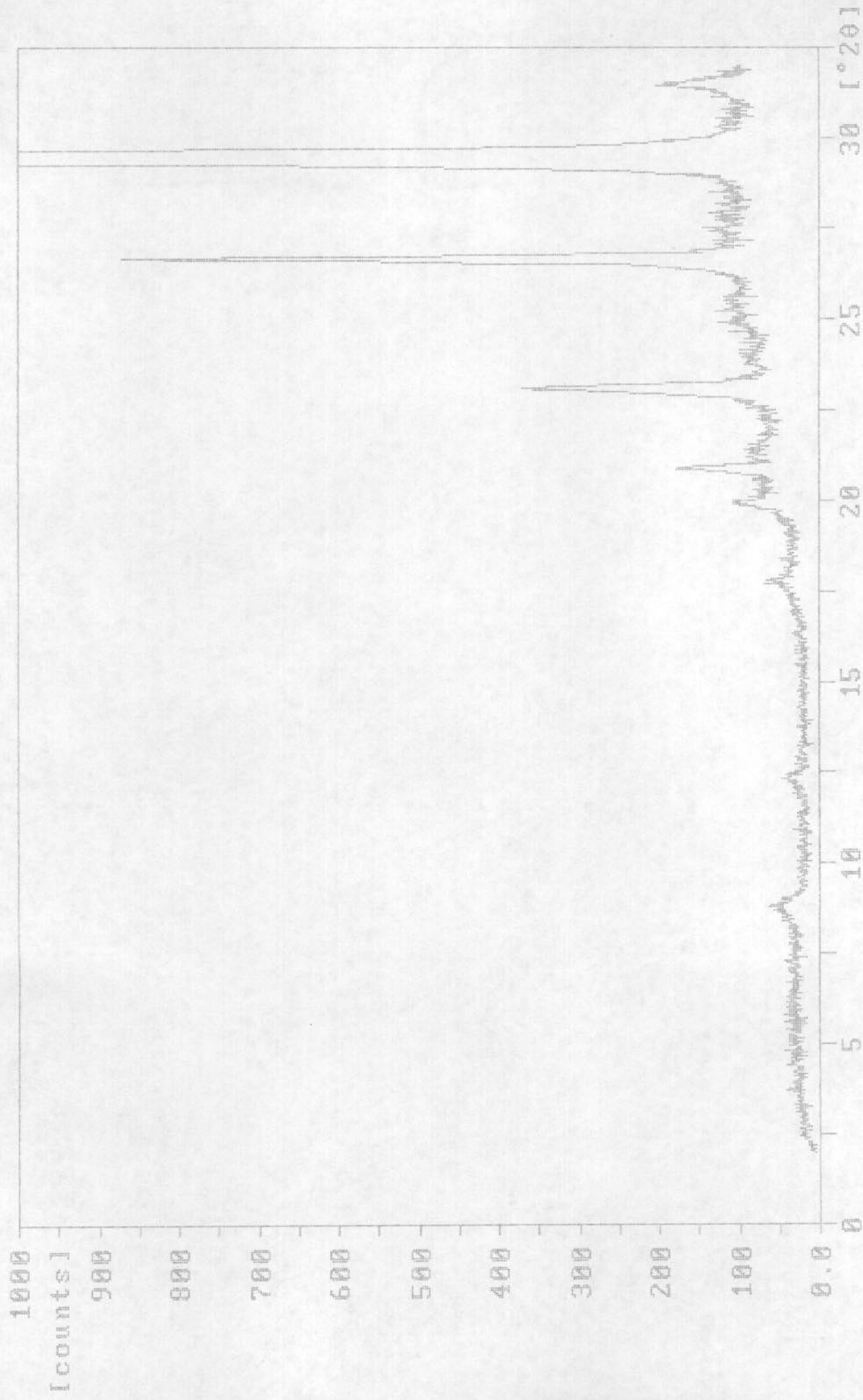


188-17.RD



Sample identification: H161(13-9)HE-0404

15-sep-1993 11:54



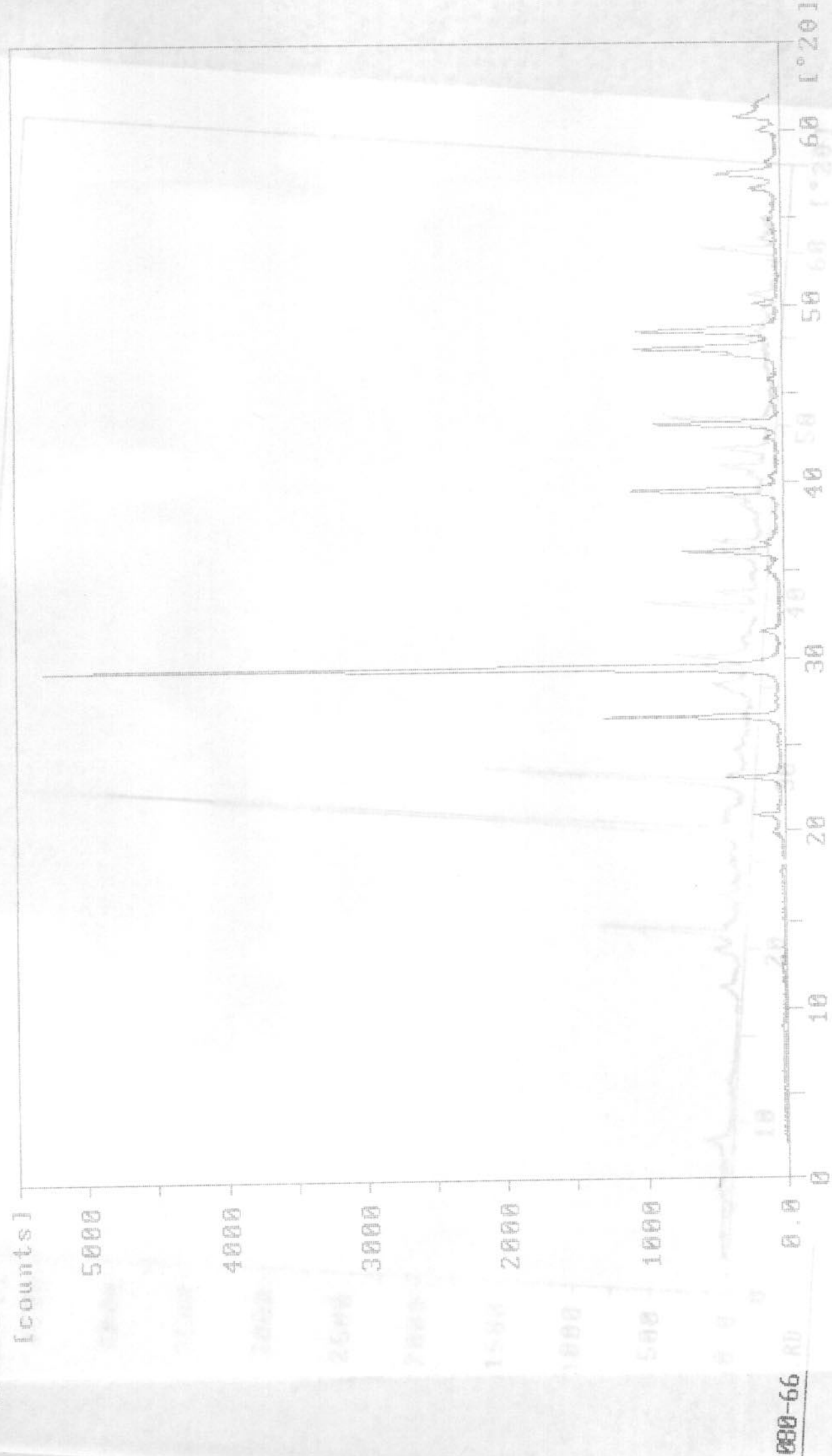
188-16A.RD

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15-sep-1993 13:36

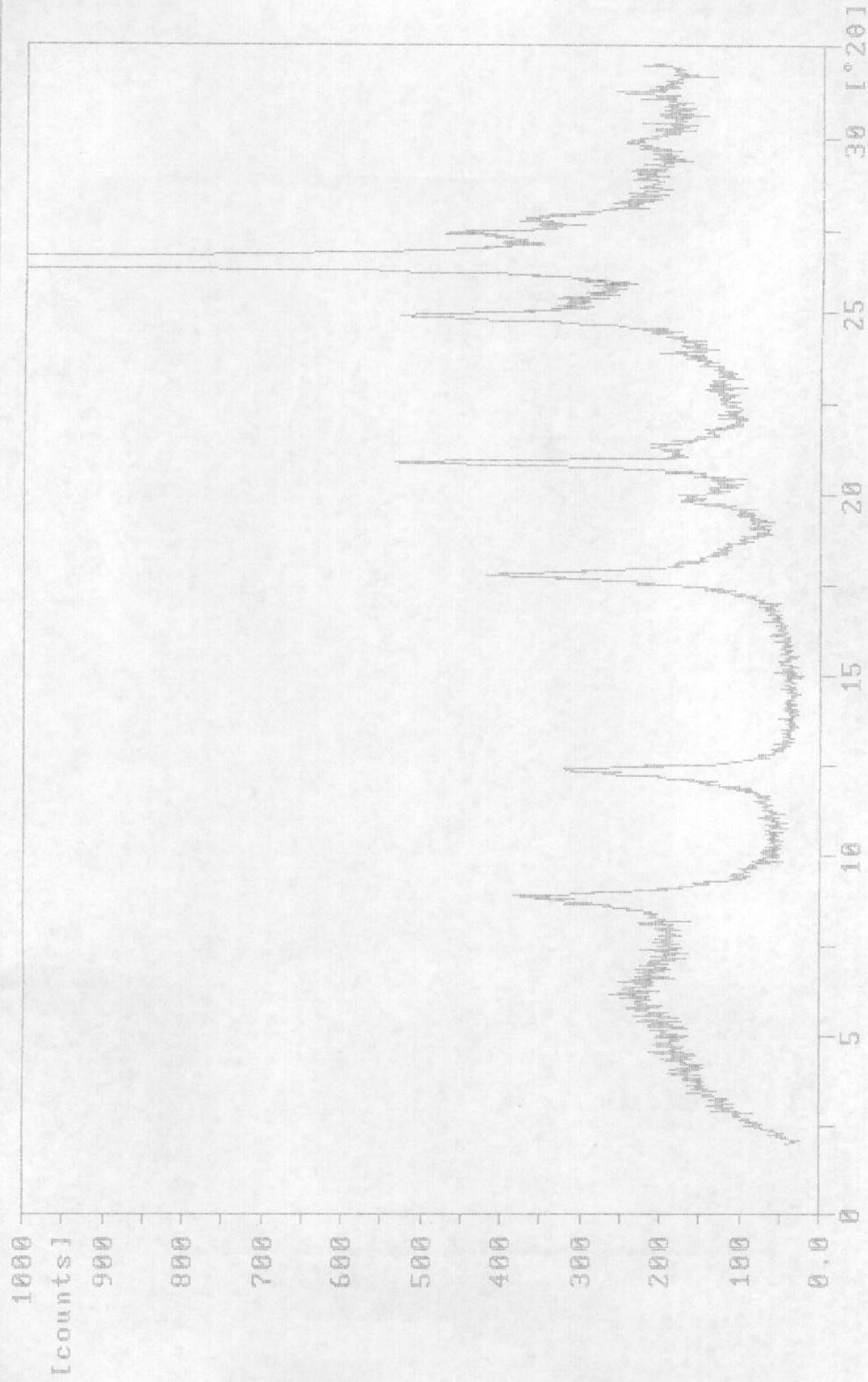
Sample identification: H161(13-9)HE-0404

[c



Sample identification: H161(13-9)HE-0403

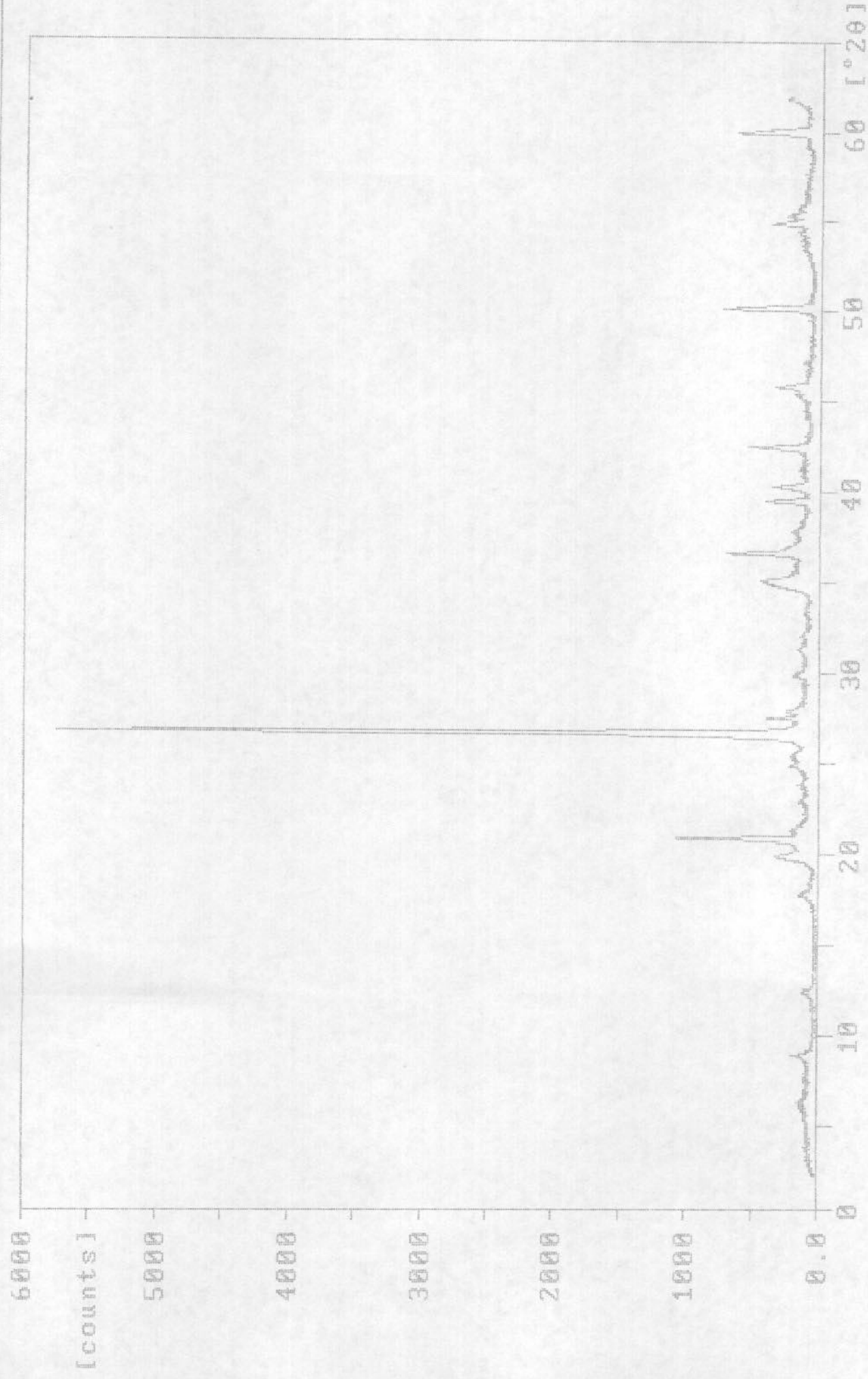
15-sep-1993 11:36



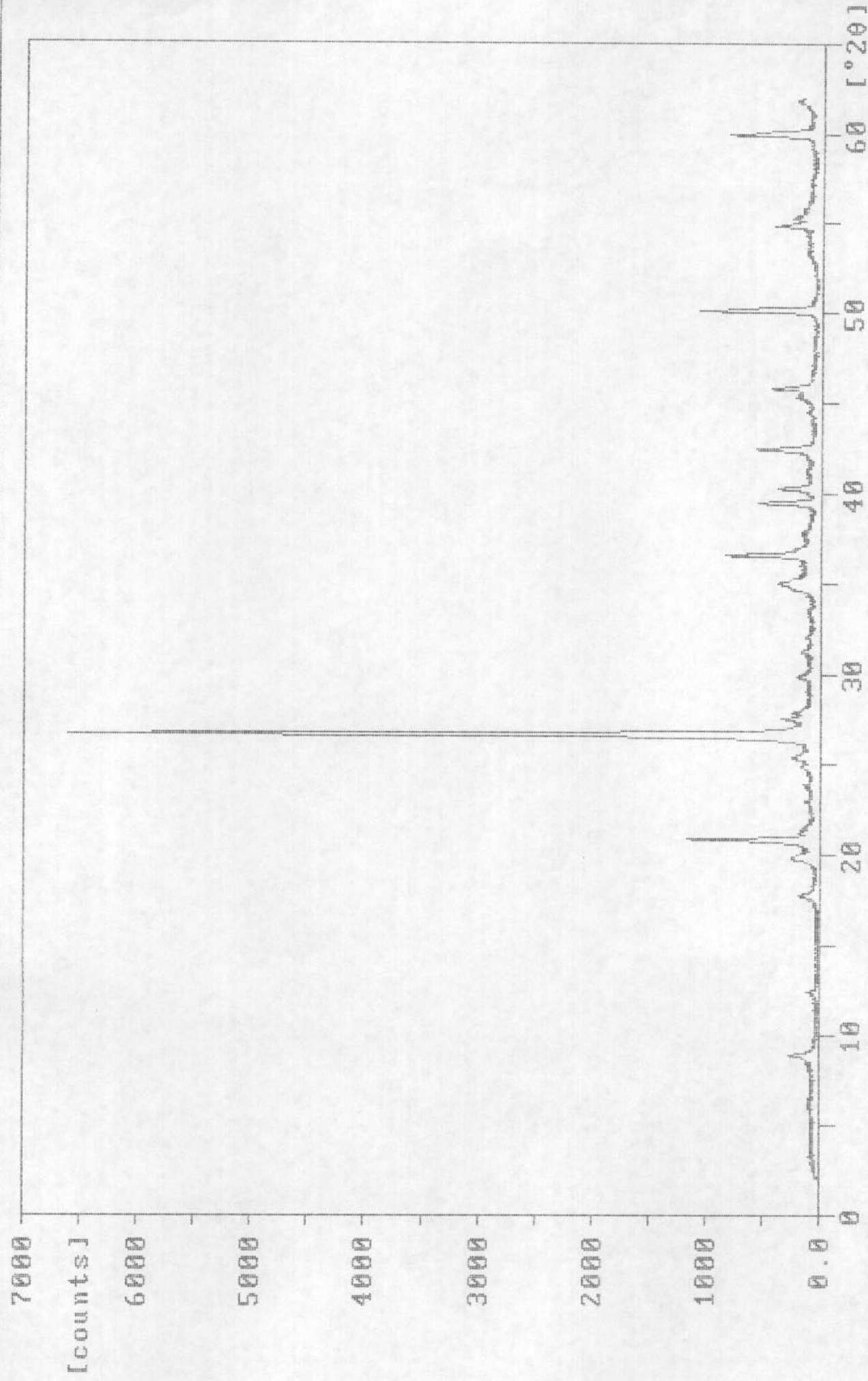
188-15A.RD

Sample identification: H161(13-9)HE-0403

9-sep-1993 13:05



188-15.RD

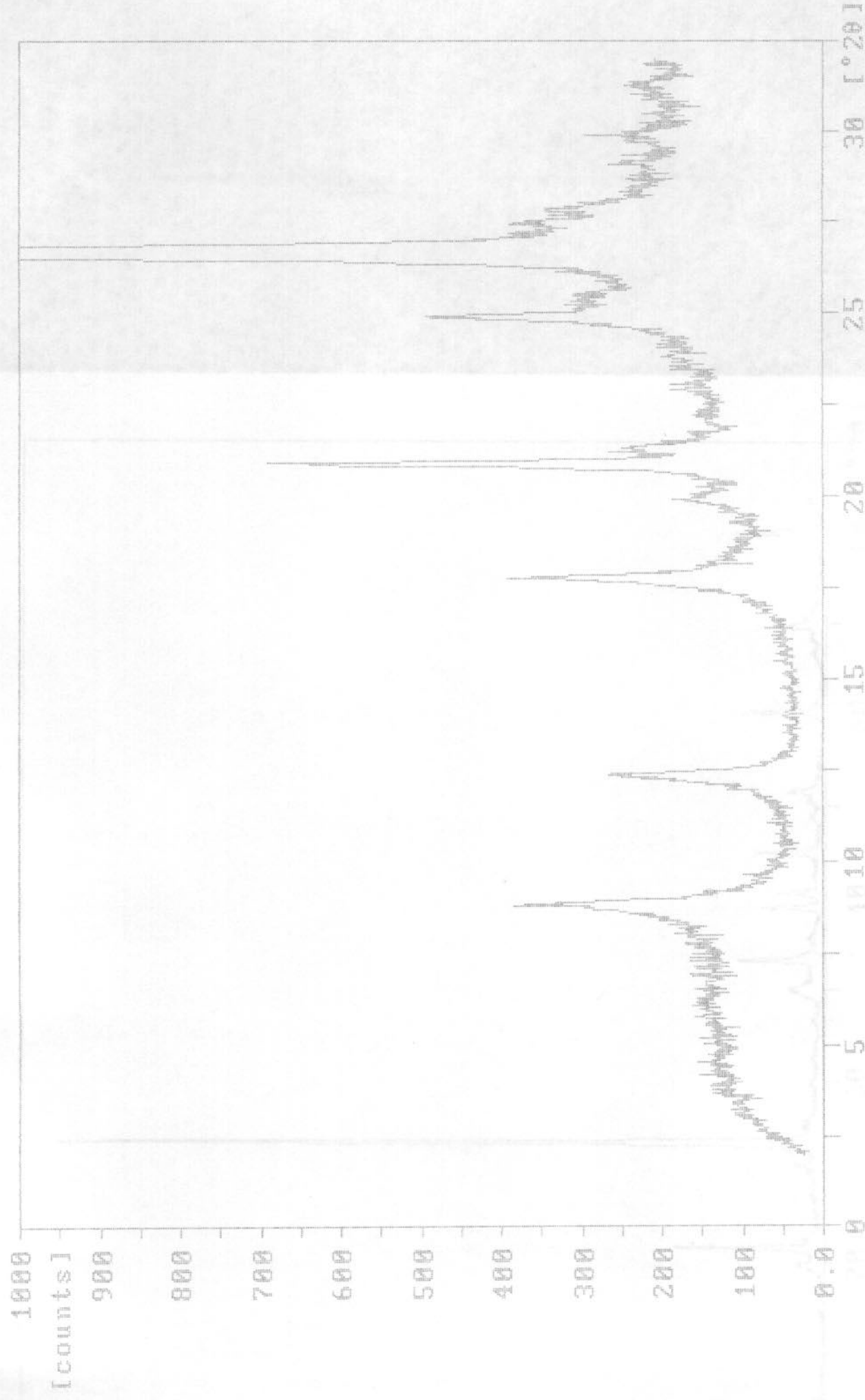


ion: H

Sample identification: H161(13-9)HE-0402

9-sep-1993 12:24

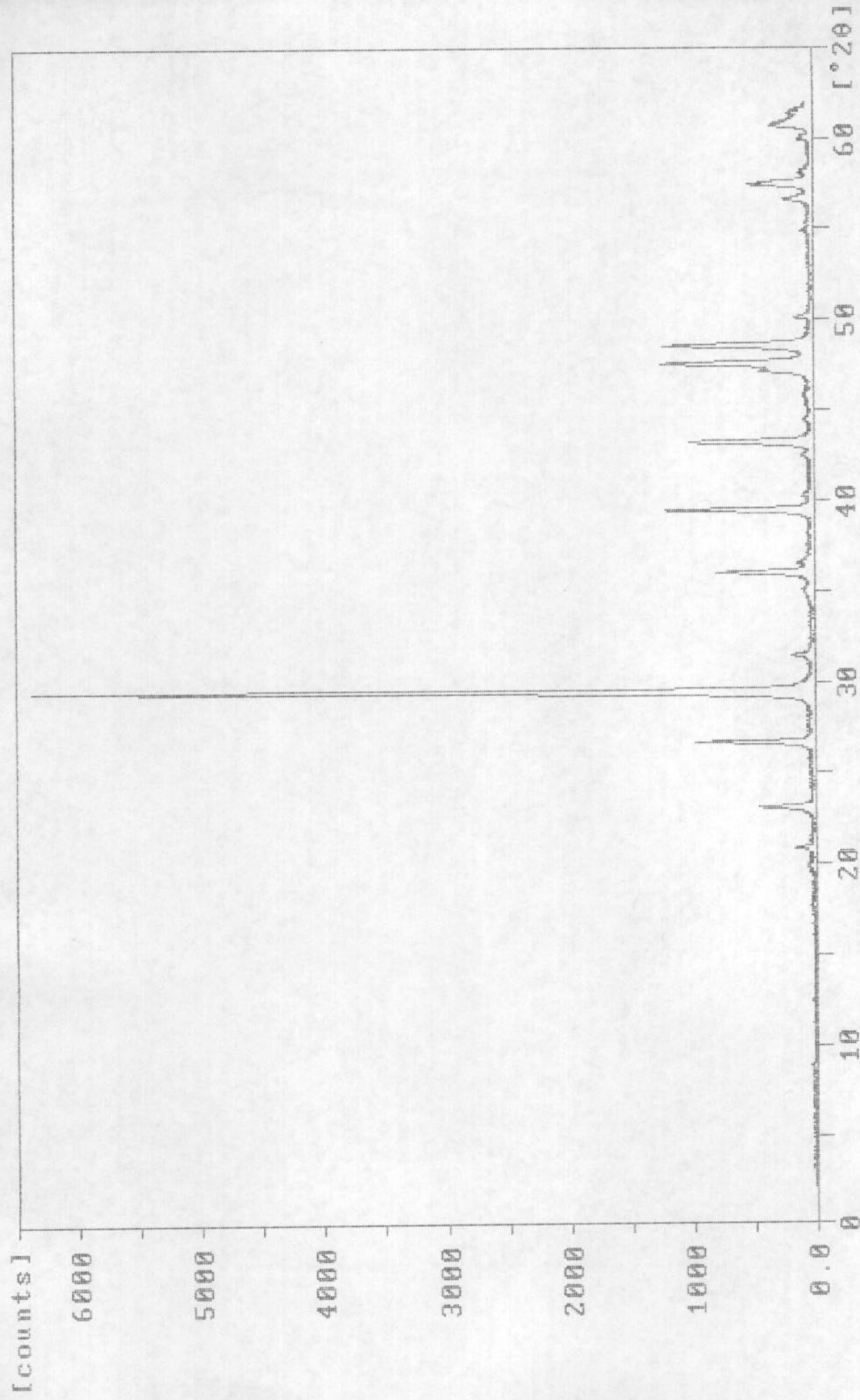
15-sep-1993 11:19



188-144.RD

Sample identification: HOJA-15-9 HE-0401

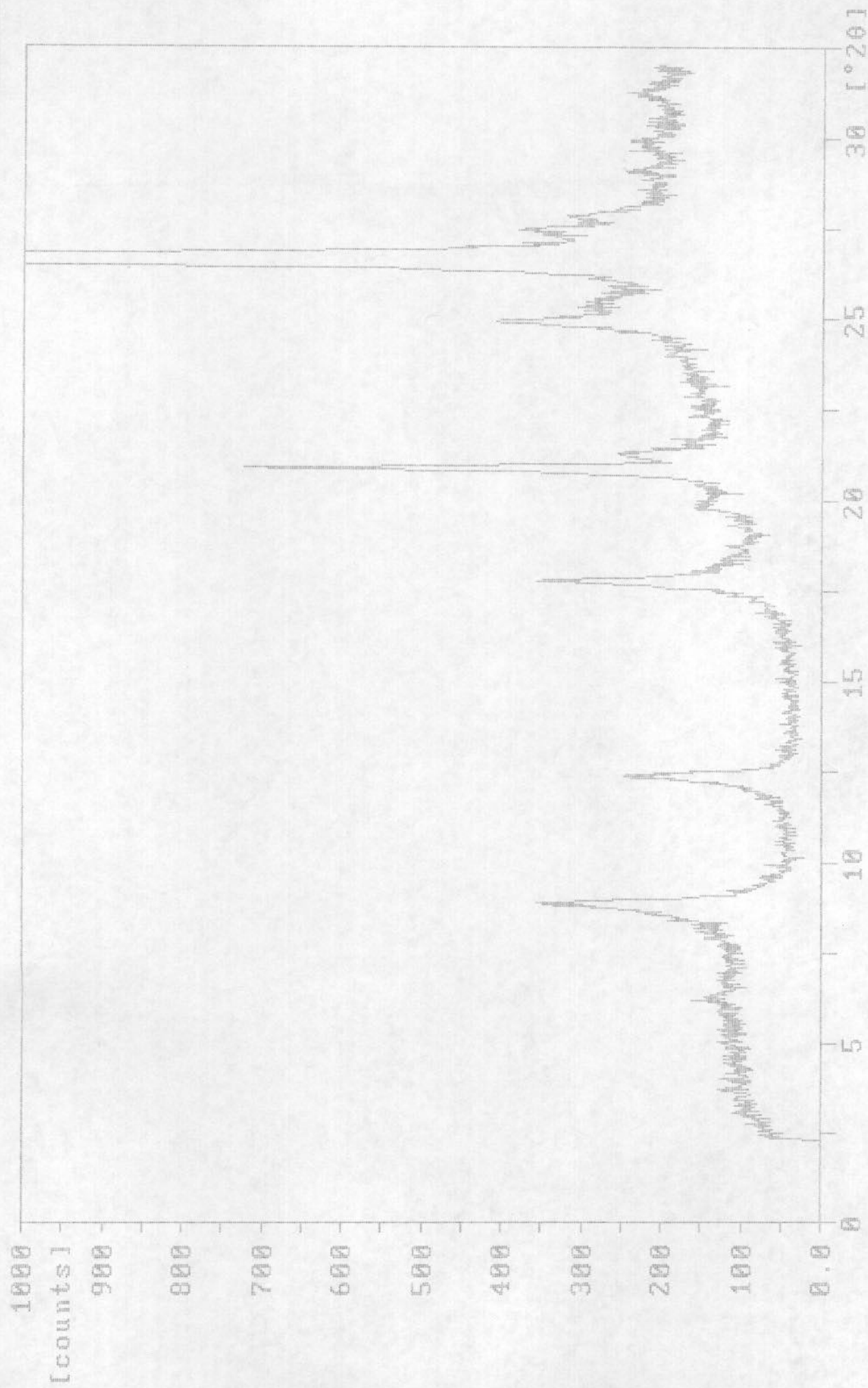
23-apr-1993 9:01



000-64.RD

Sample identification: H161(13-9)HE-0401

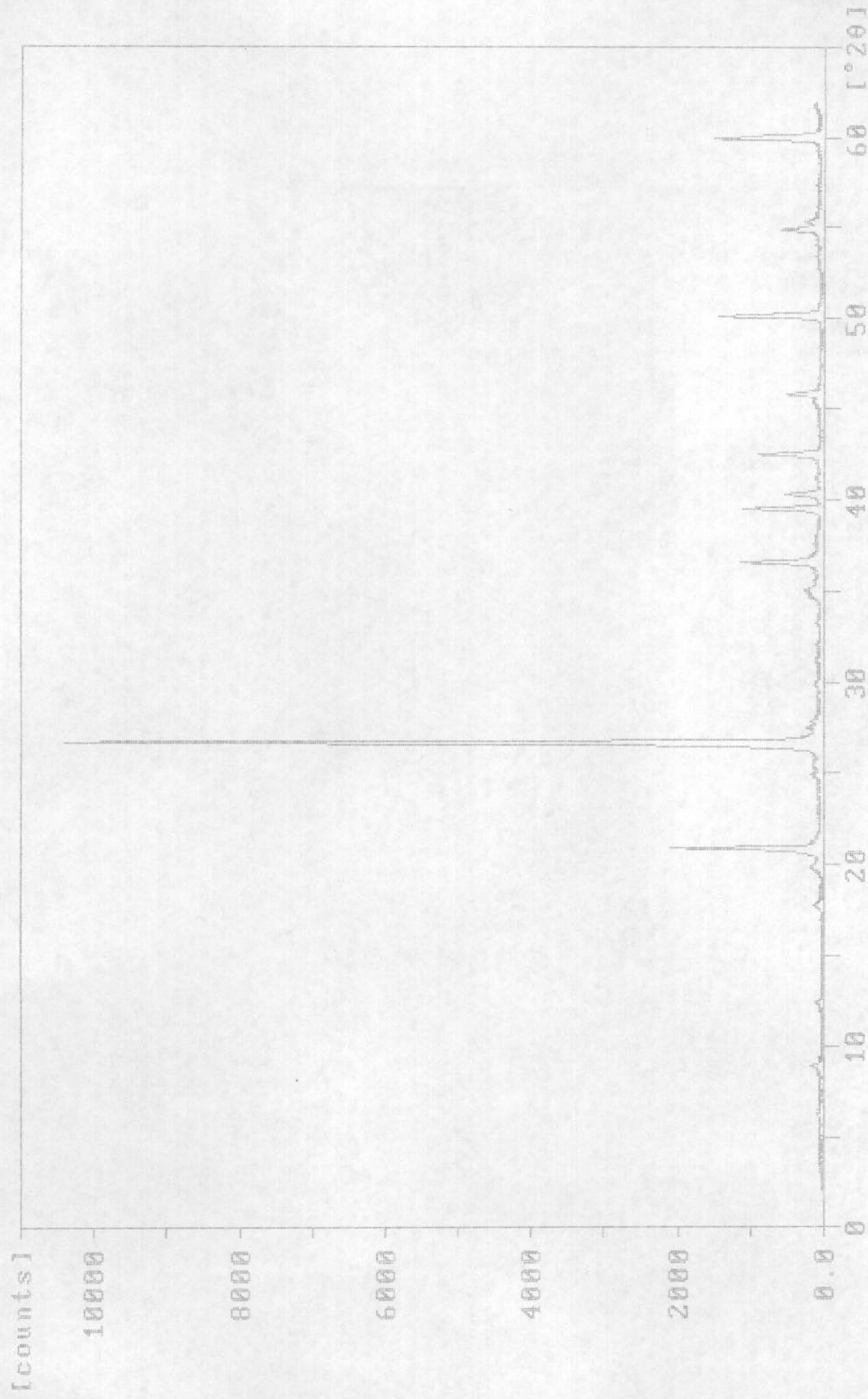
15-sep-1993 10:58



188-13A.RD

Sample identification: H161(13-9)HE-0401

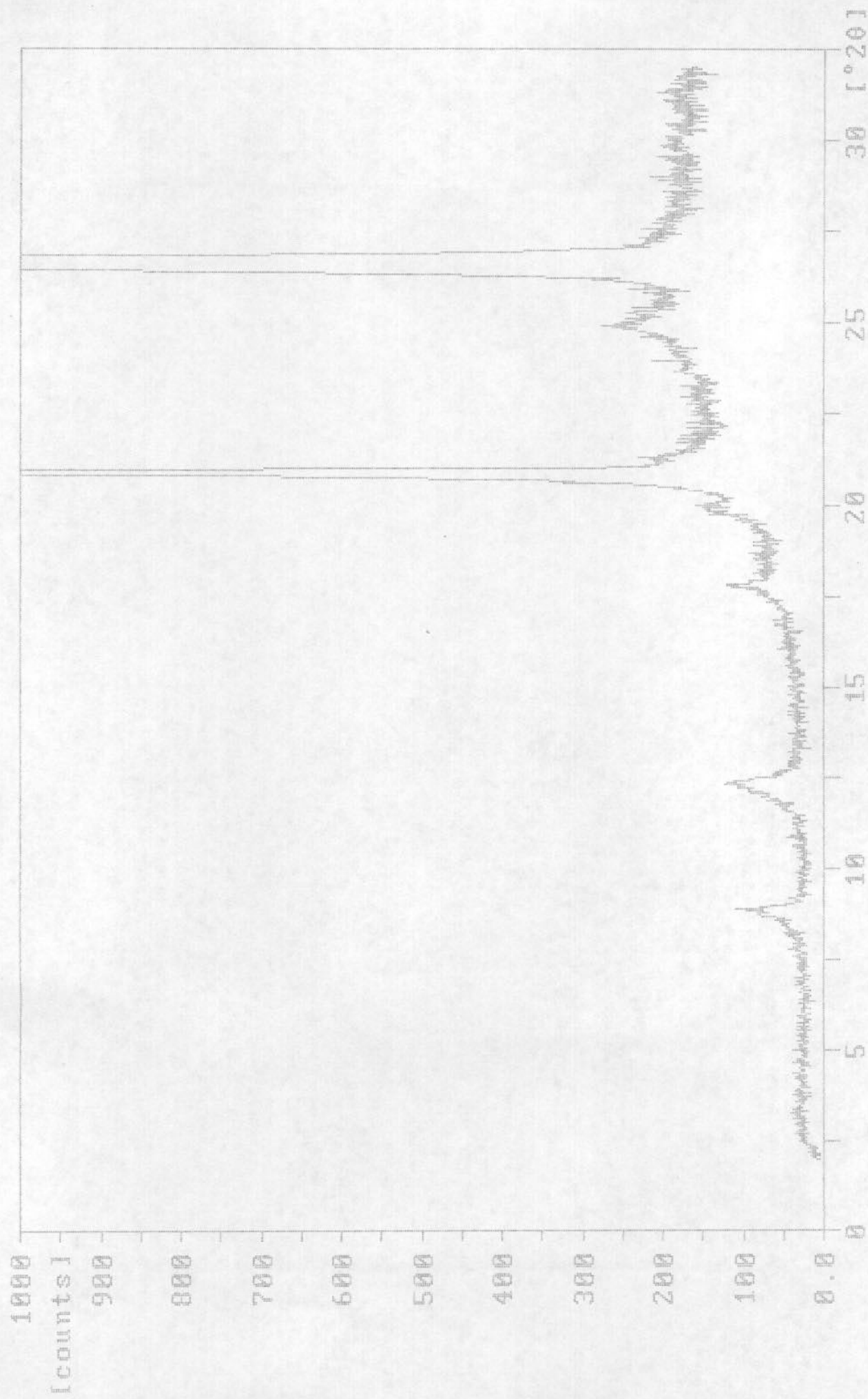
9-sep-1993 11:54



188-13.RD

Sample identification: H161(13-9)HE-0309

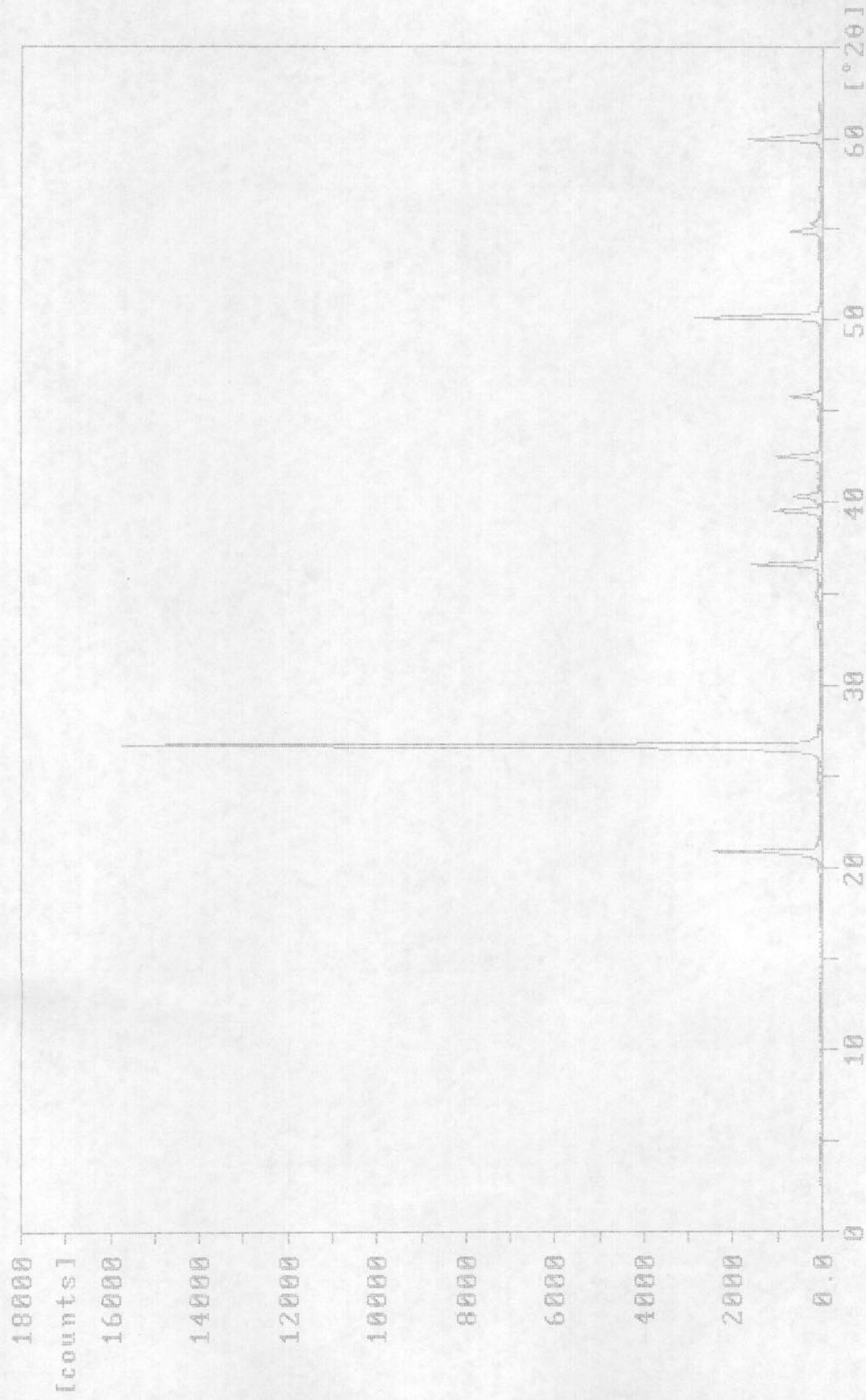
15-sep-1993 10:36



188-12A.RD

Sample identification: H161(13-9)HE-0309

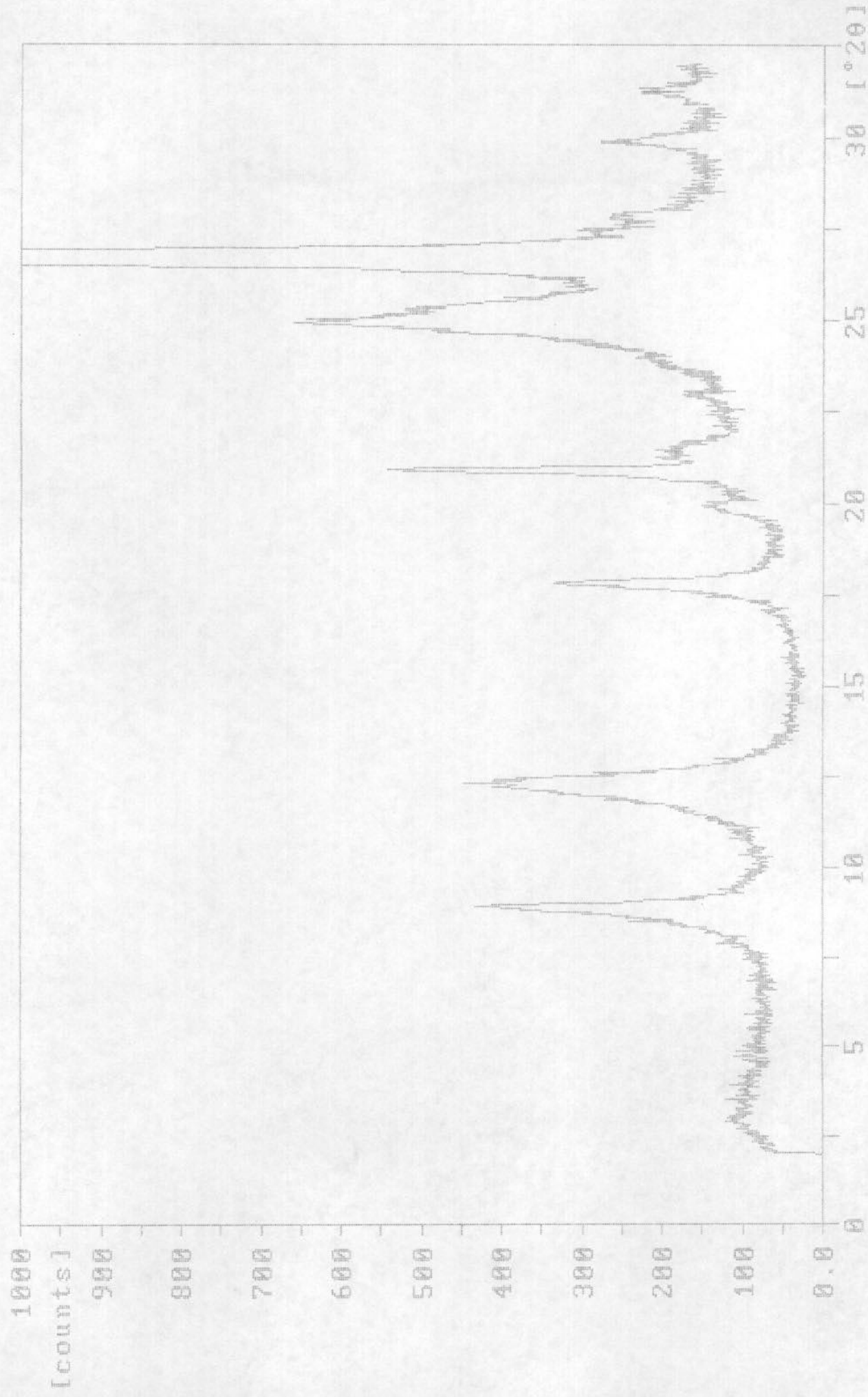
9-sep-1993 11:21



108-12.RD

Sample identification: H161(13-9)HE-0308

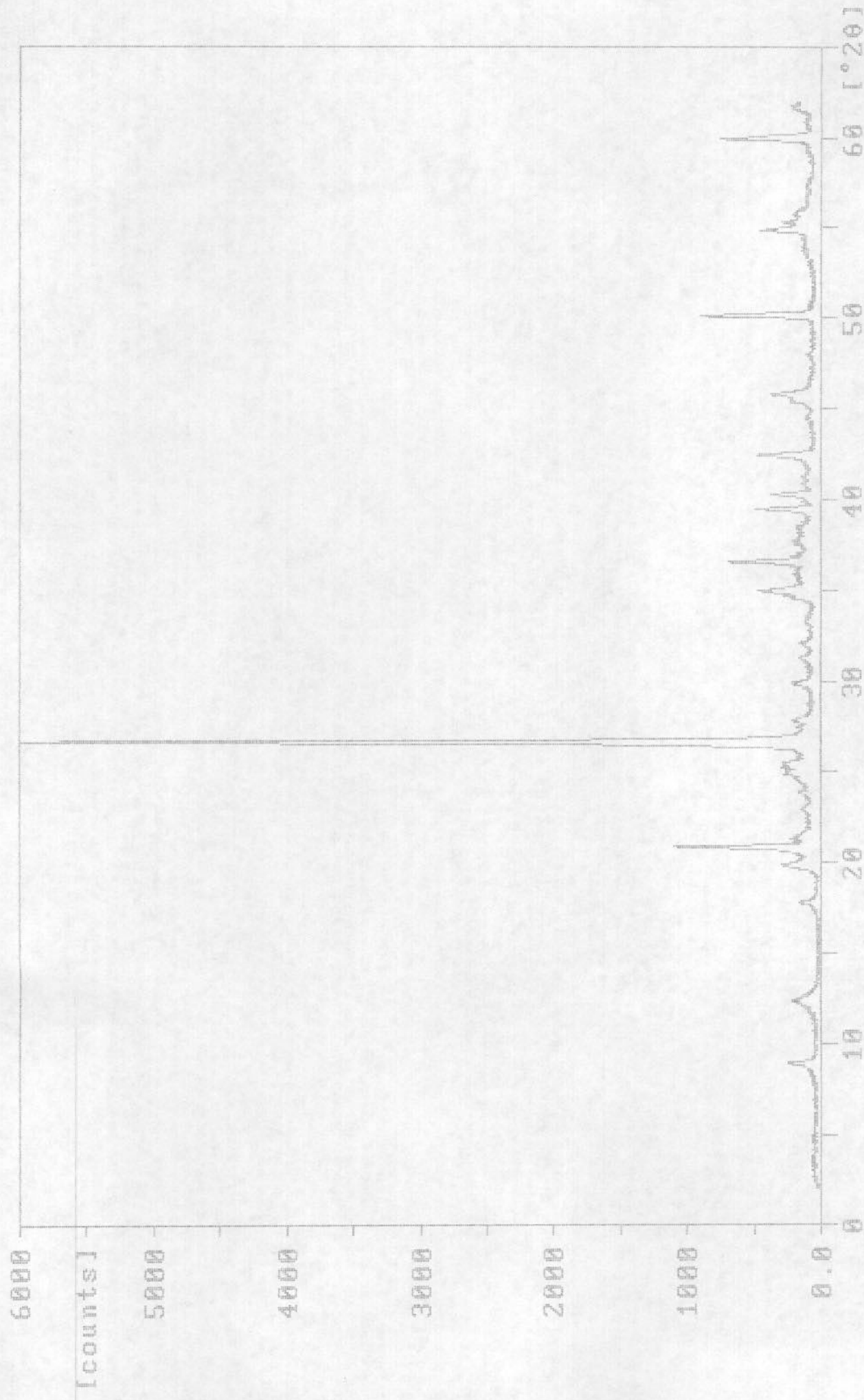
15-sep-1993 9:48



188-11A.RD

Sample identification: H161(13-9)HE-0308

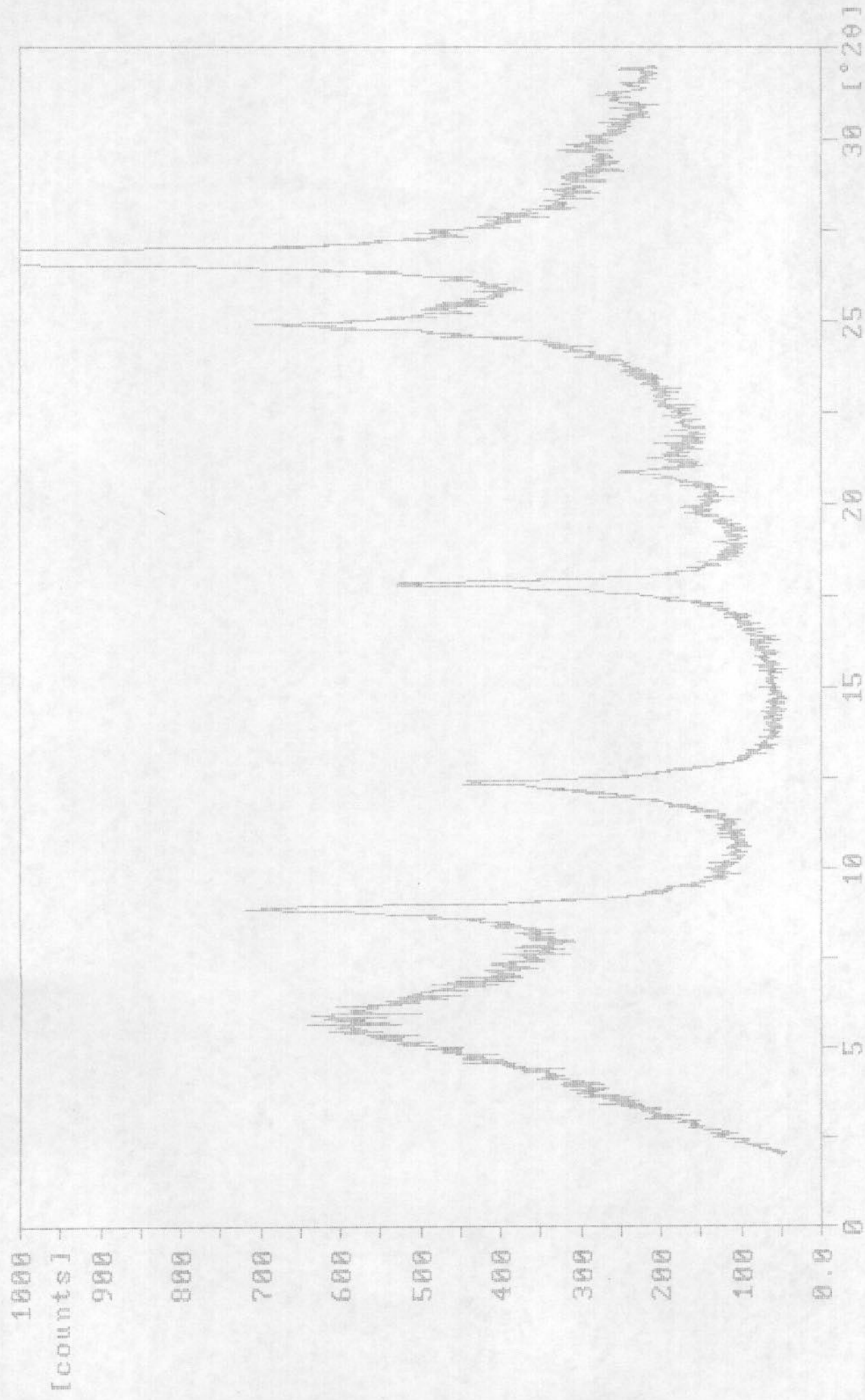
9-sep-1993 10:51



188-11.RD

Sample identification: H161(13-9)HE-0307 A

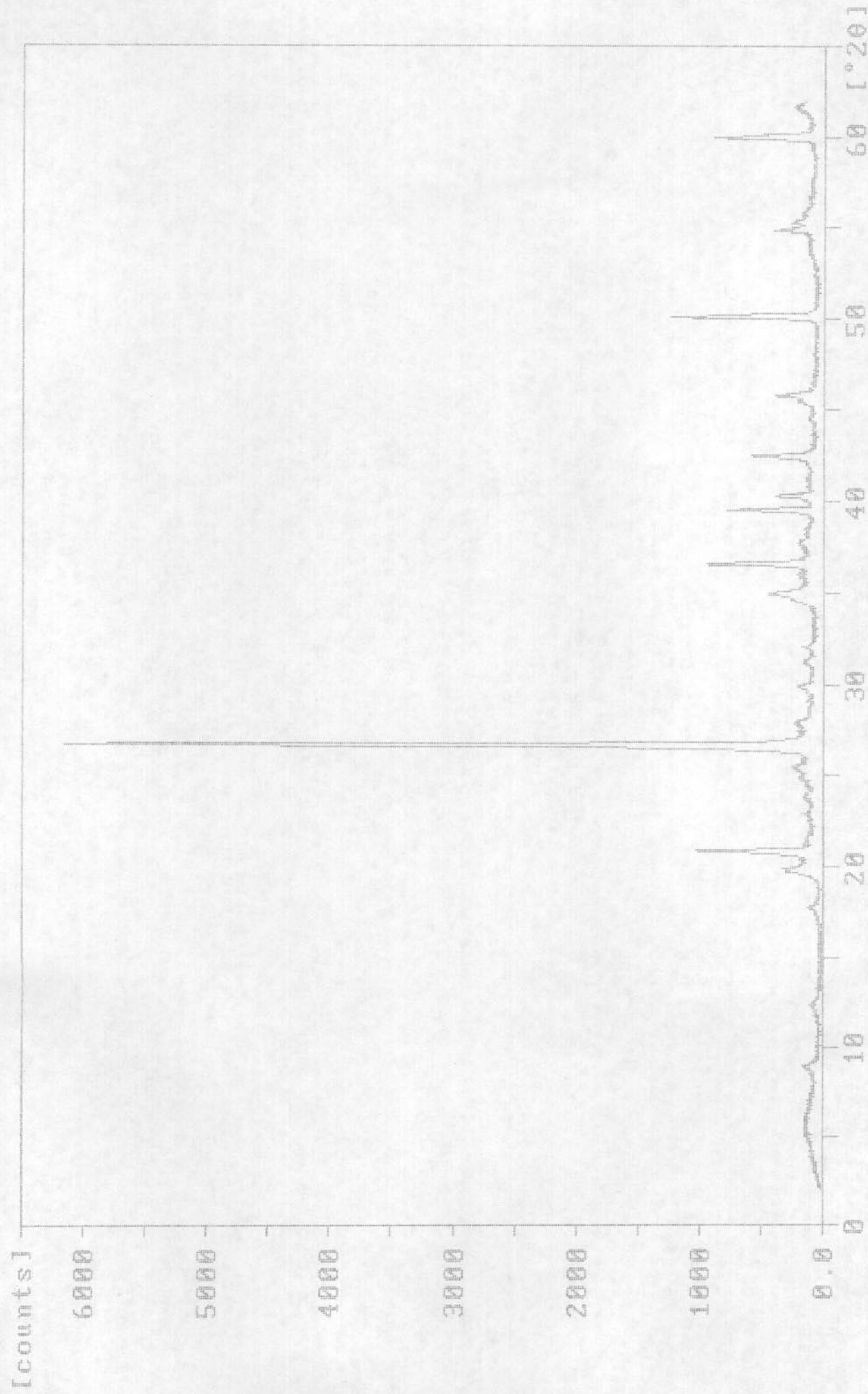
10-sep-1993 12:32



188-10A.RD

Sample identification: H161(13-9)HE-0307

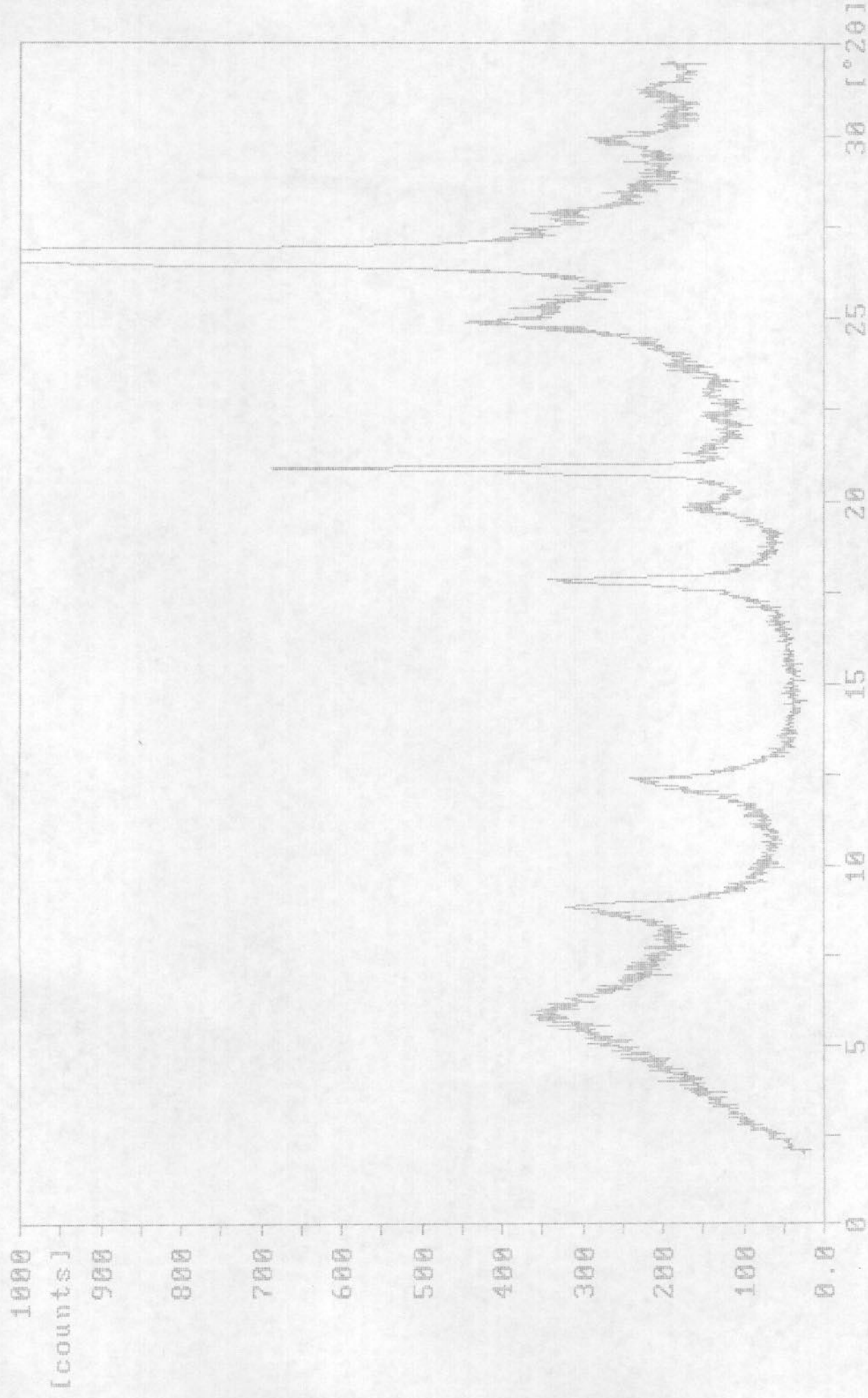
9-sep-1993 10:19



188-10.RD

Sample identification: H161(13-9)HE-0306

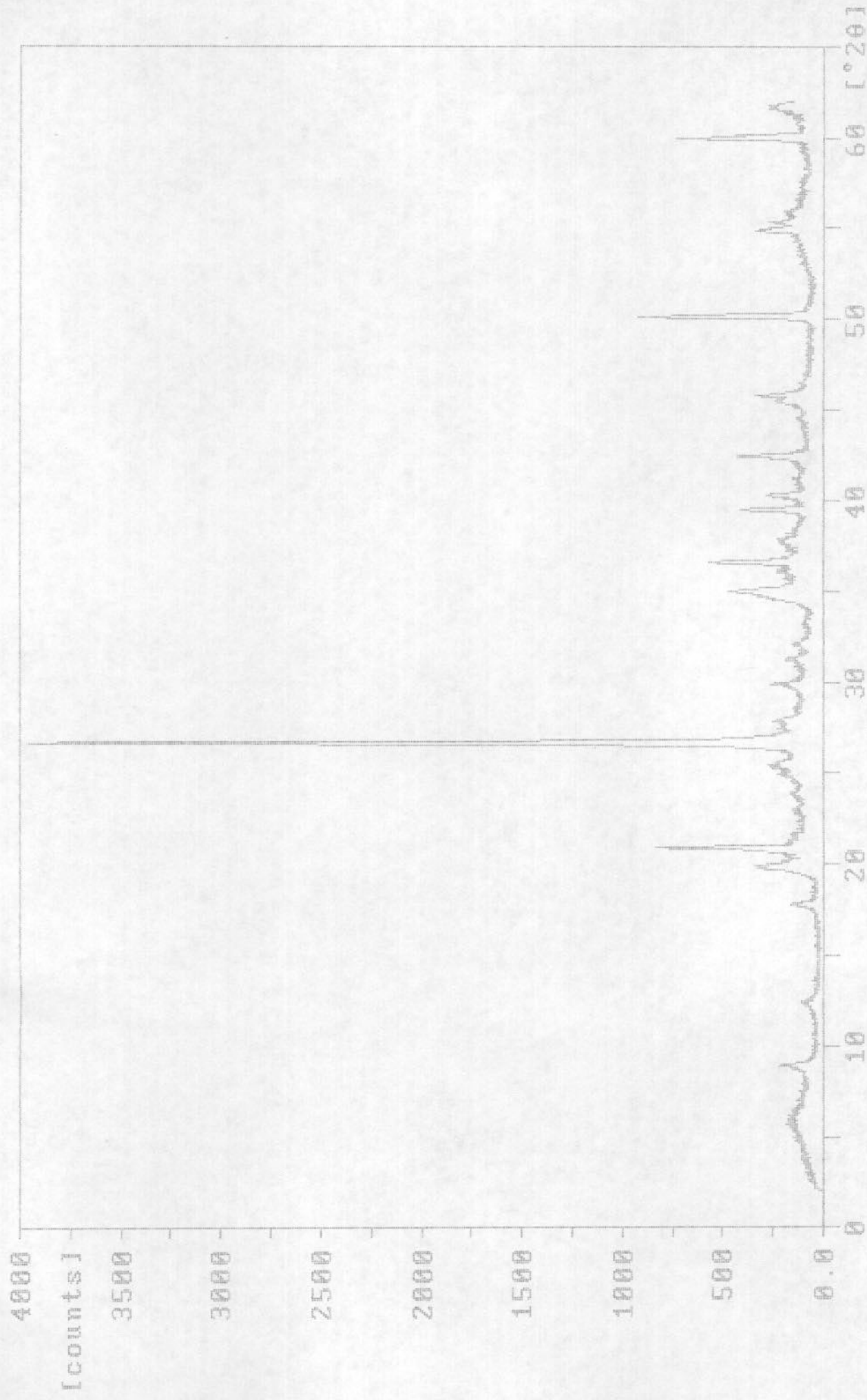
10-sep-1993 12:12



188-9A.RD

Sample identification: H161(13-9)HE-0306

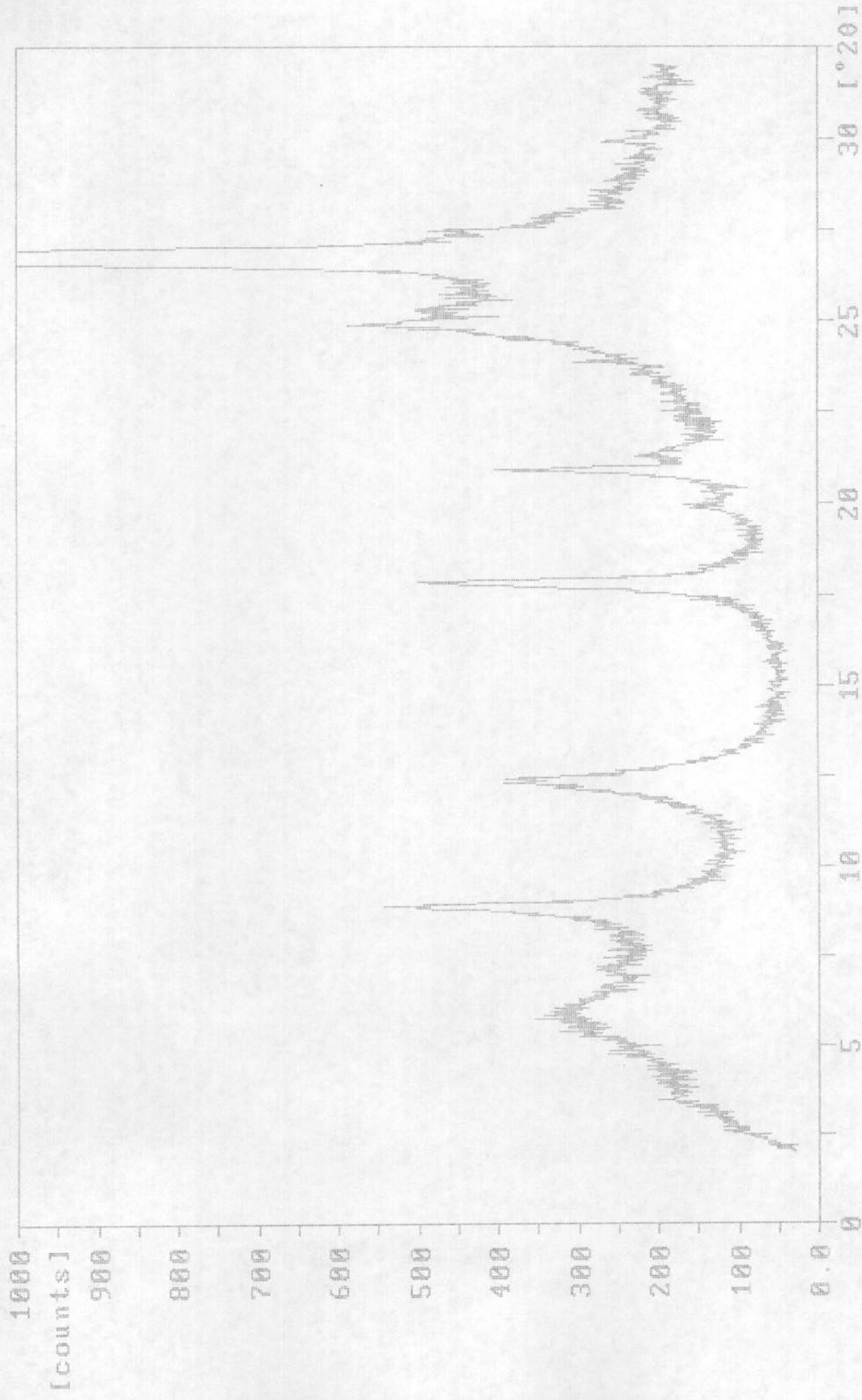
9-sep-1993 9:49



188-9.RD

[Sample identification: H161(13-9)HE-0305 A

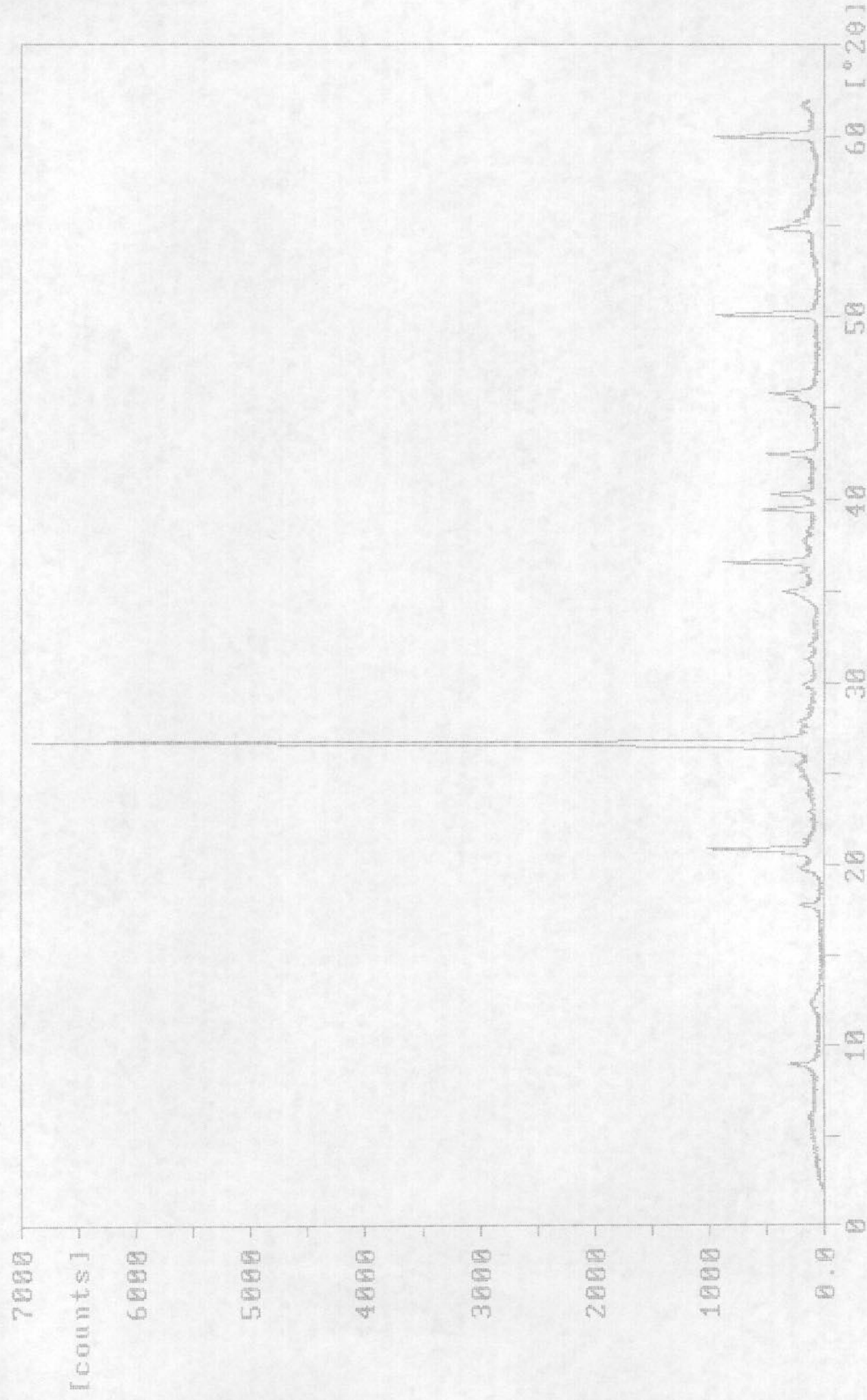
10-sep-1993 11:55



188-8A.RD

Sample identification: H161(13-9)HE-0305

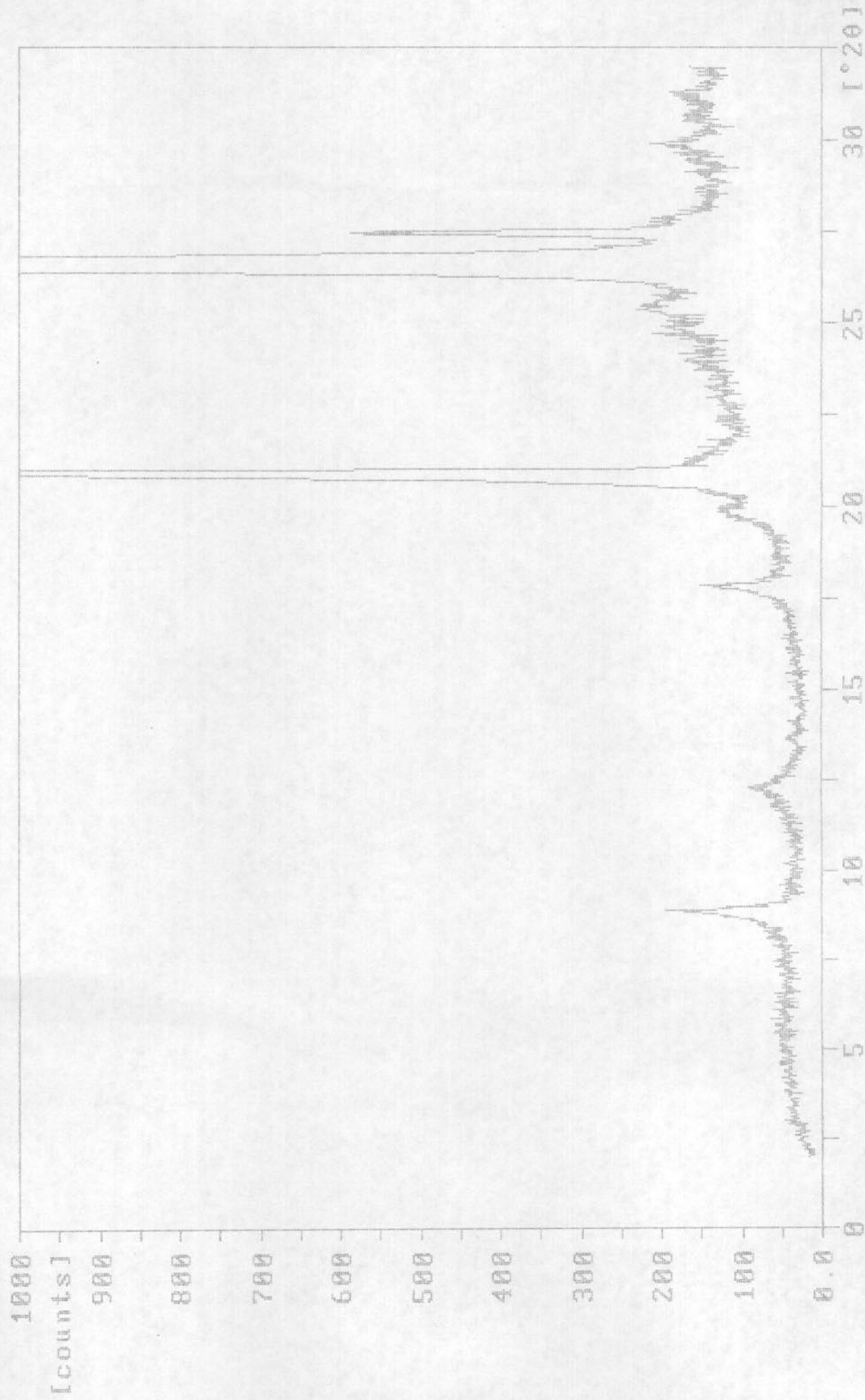
8-sep-1993 13:27



180-8.RD

Sample identification: H161(13-9)HE-0304 A

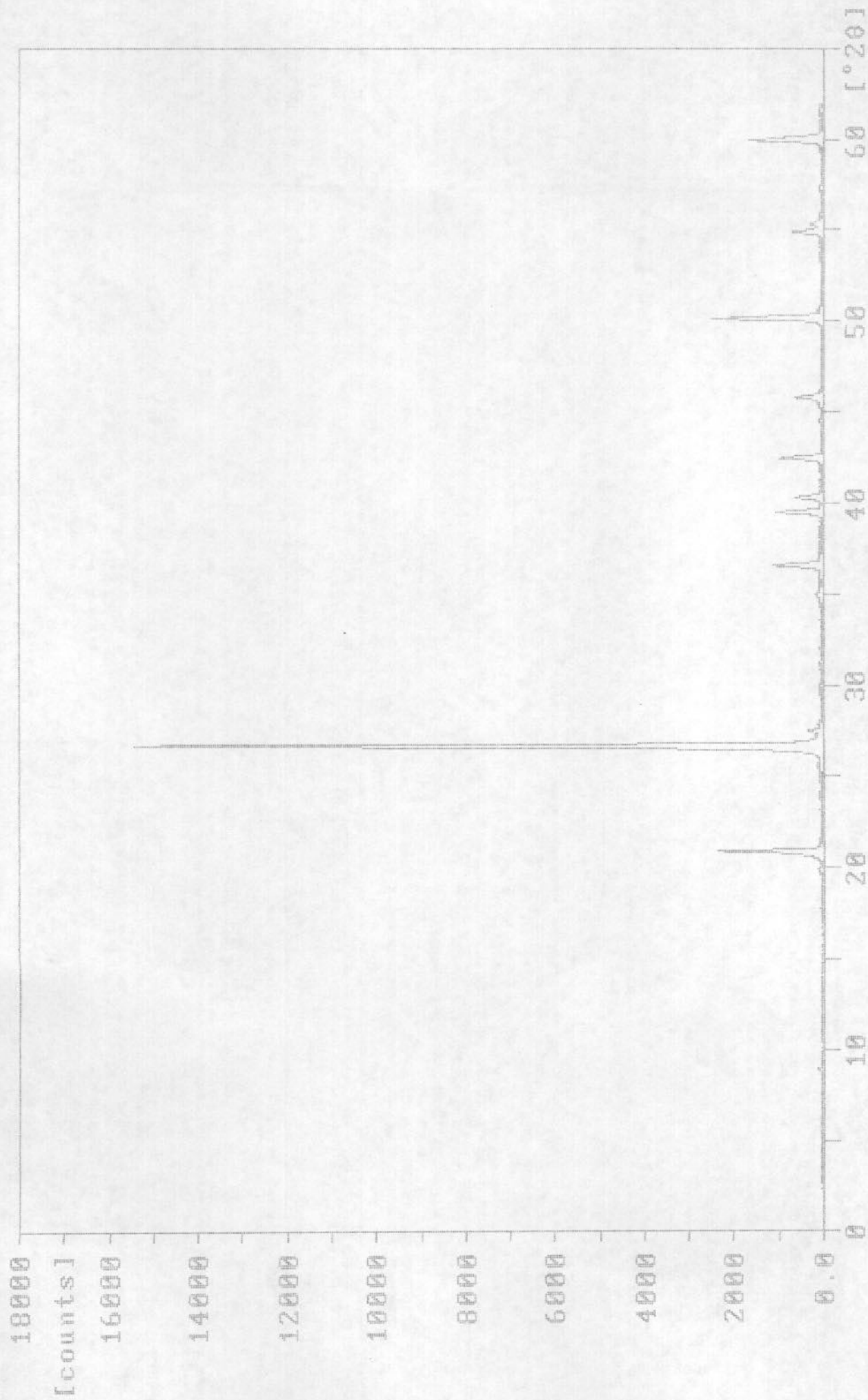
10-sep-1993 11:36



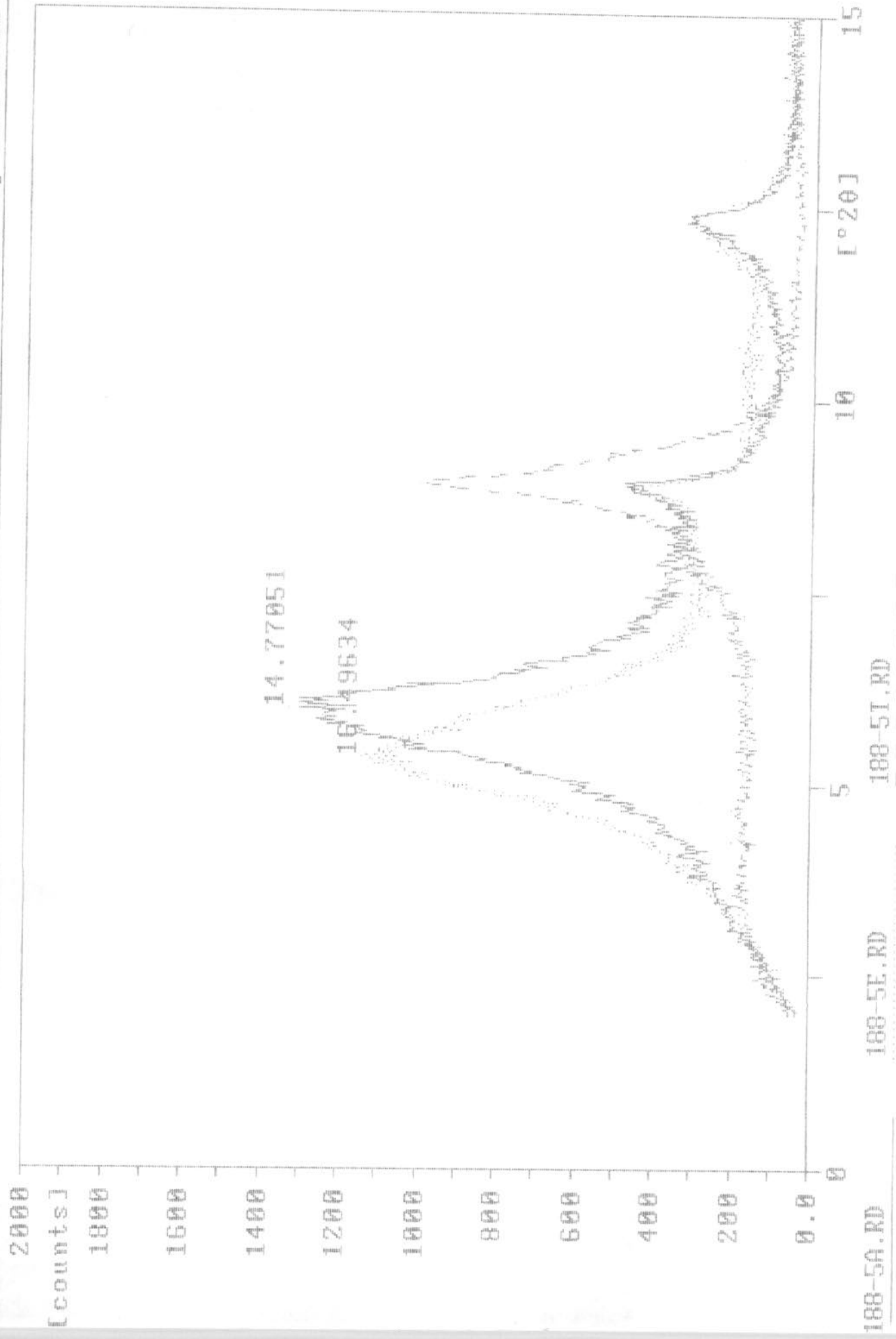
188-7A.RD

Sample identification: H161(13-9)HE-0304

8-sep-1993 12:54

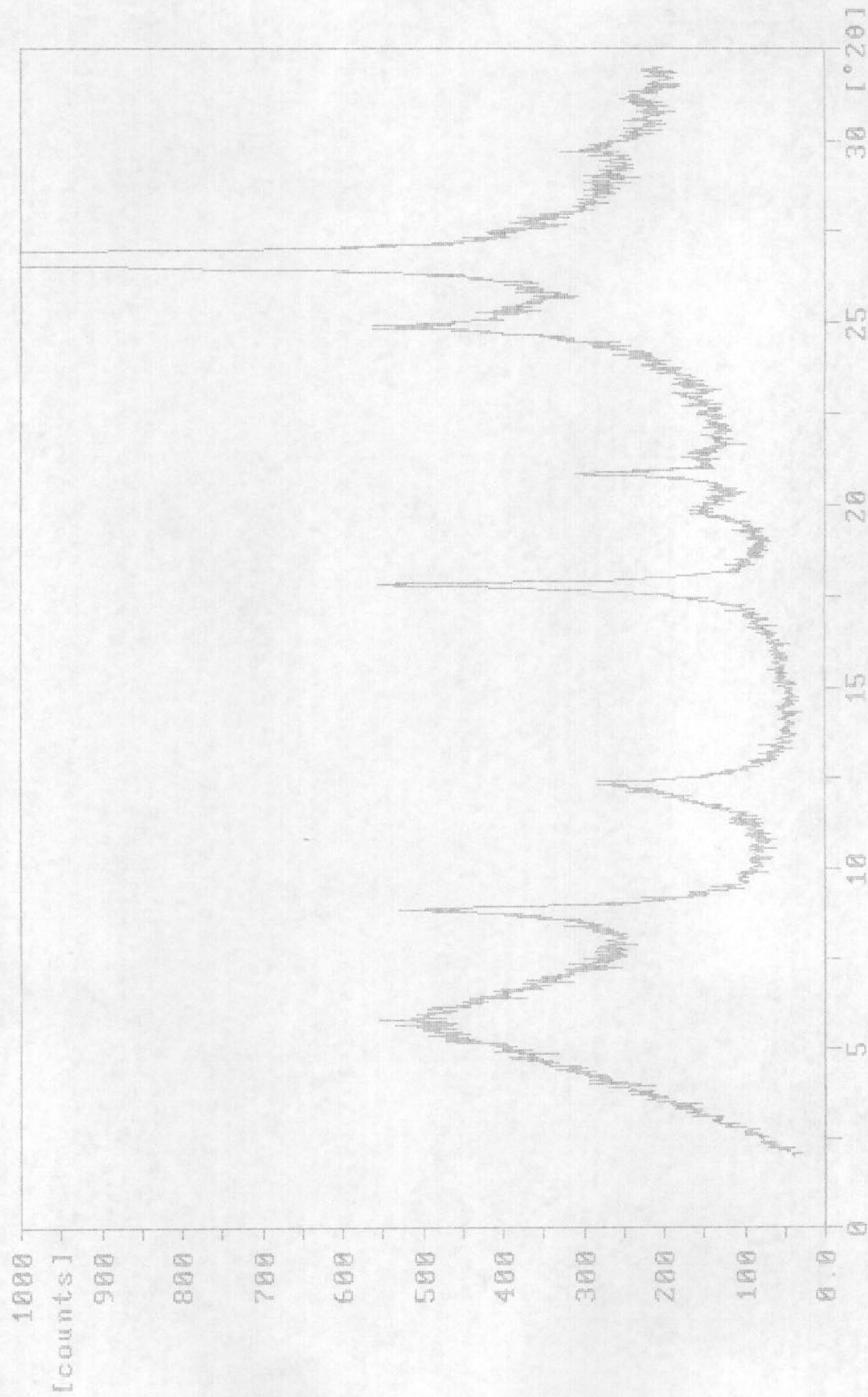


100-7.RD



Sample identification: H161(13-9)HE-0303 A

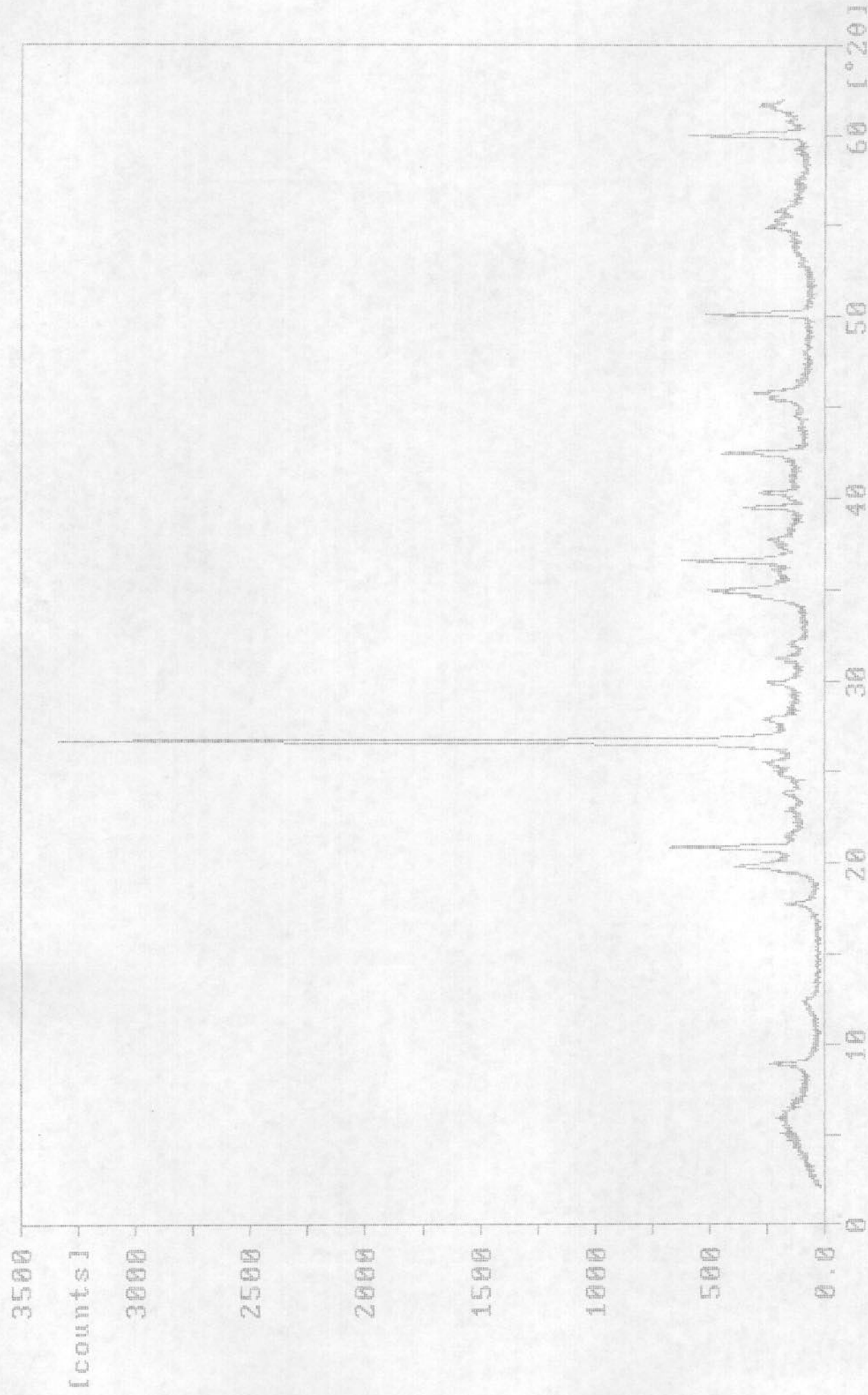
10-sep-1993 11:19



188-6A.RD

Sample identification: H161(13-9)HE-0303

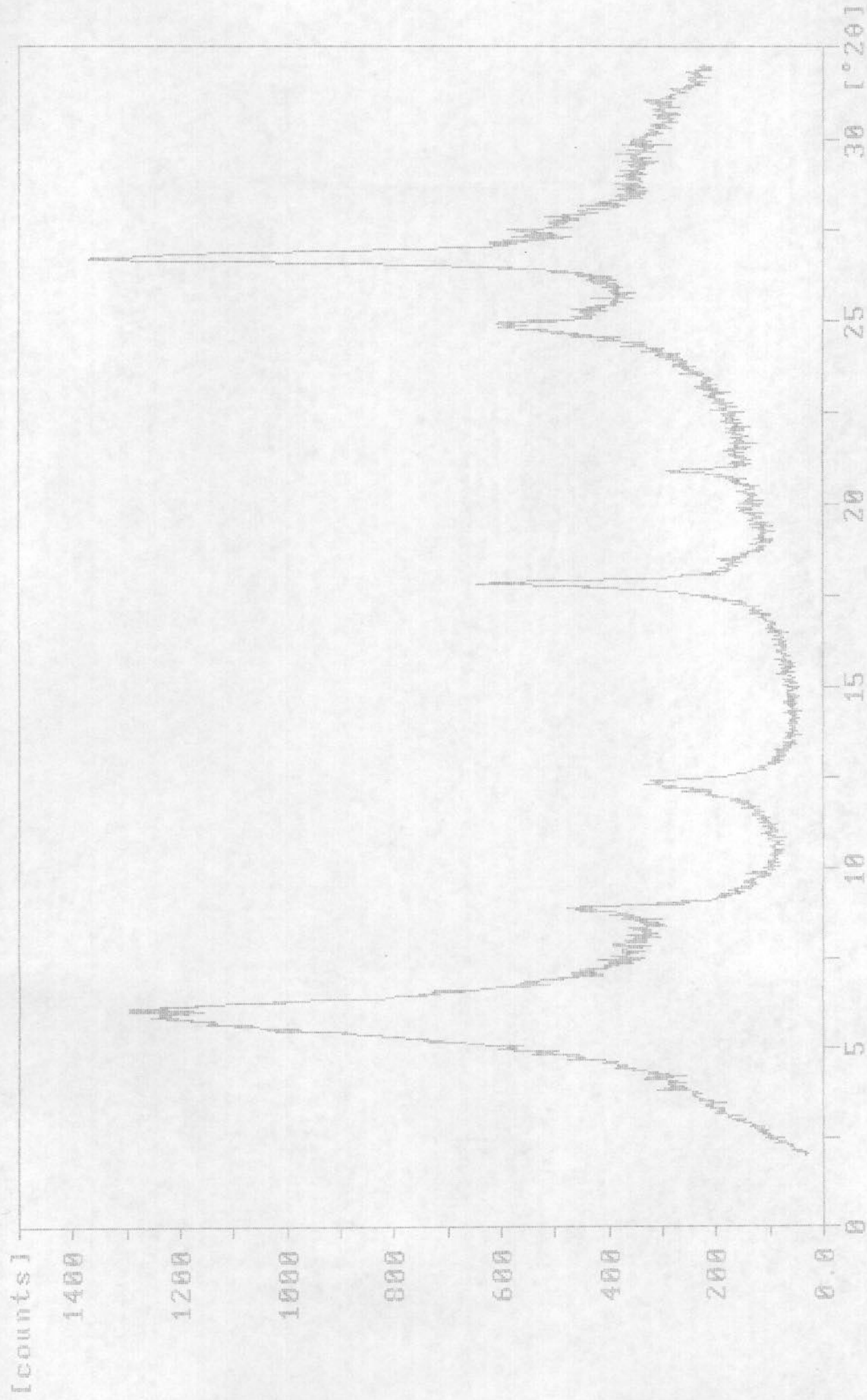
8-sep-1993 12:22



188-6.RD

Sample identification: H161(13-9)HE-0302 A

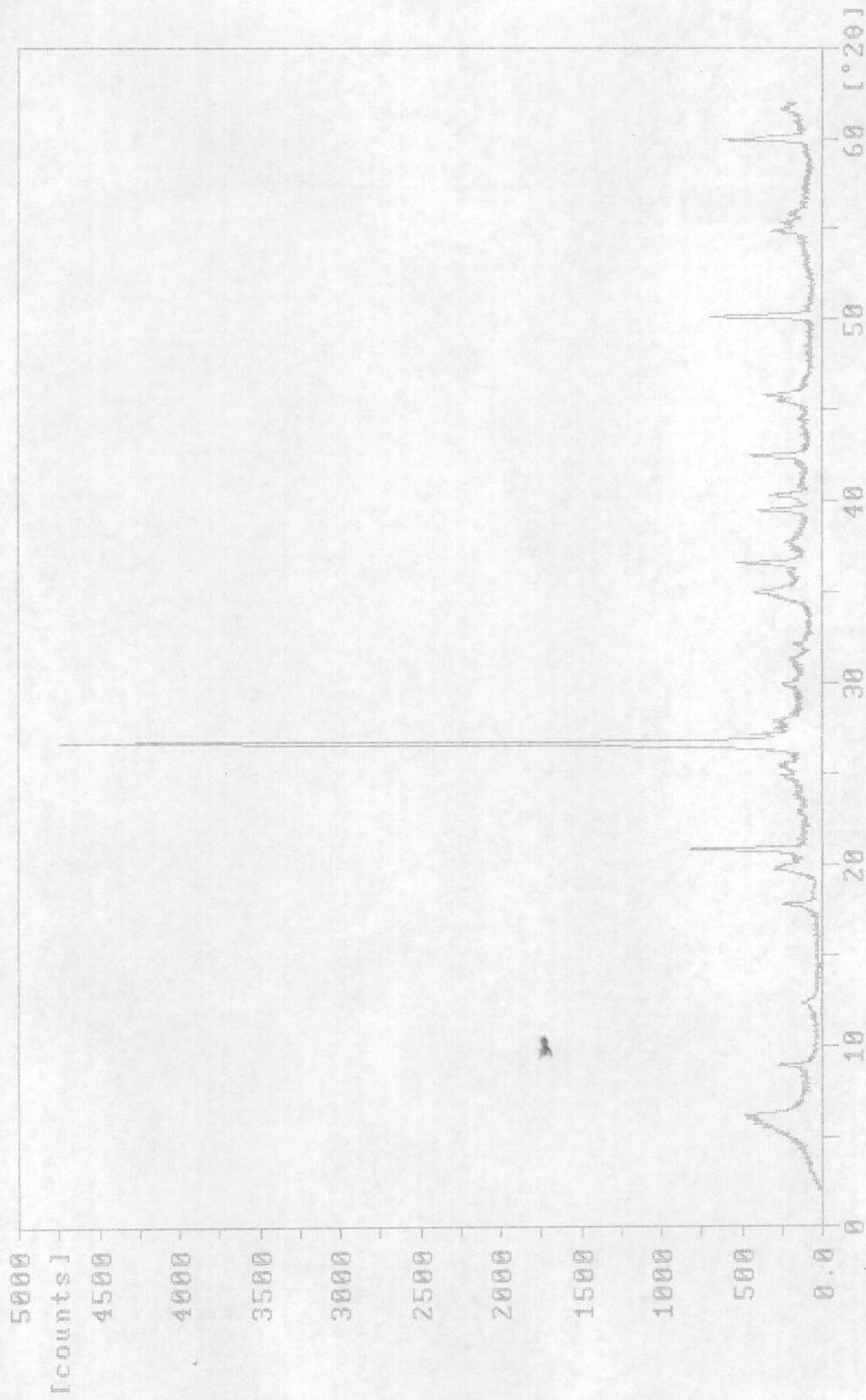
10-sep-1993 11:00



188-5A.RD

Sample identification: H161(13-9)HE-0302

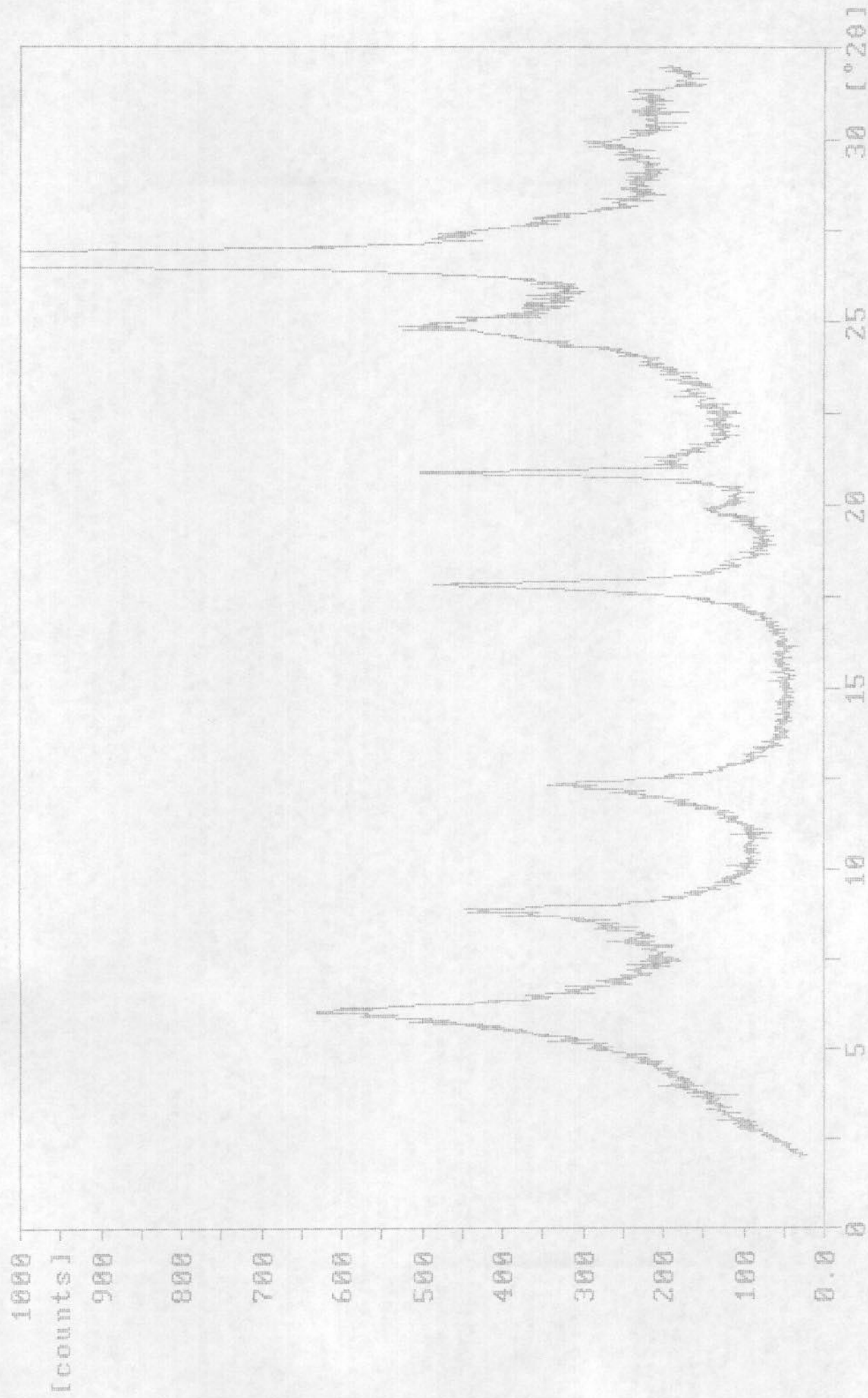
8-sep-1993 11:45



180-5.RD

Sample identification: H161(13-9)HE-0301

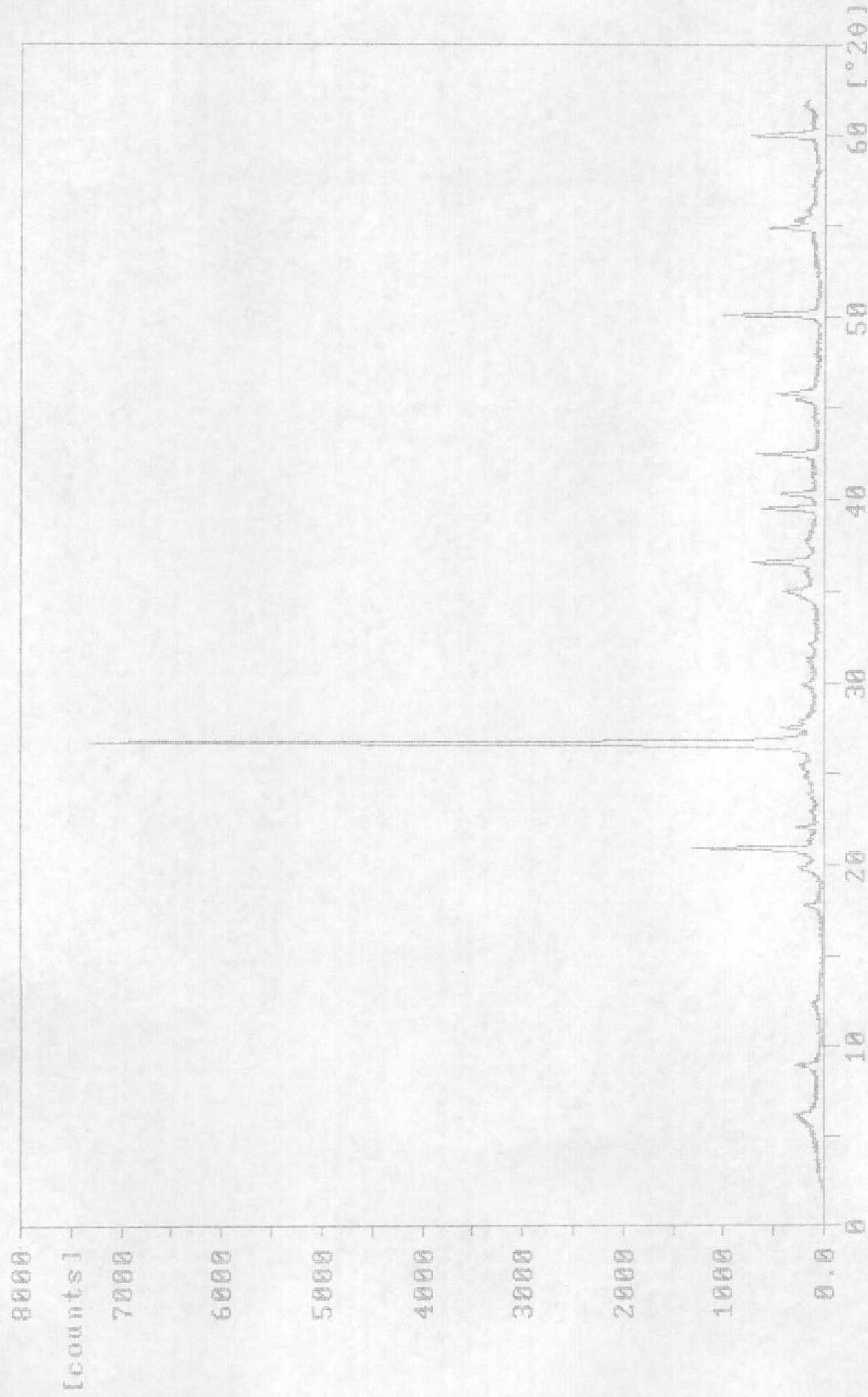
10-sep-1993 10:19



100-4A.RD

Sample identification: H161(13-9)HE-0301

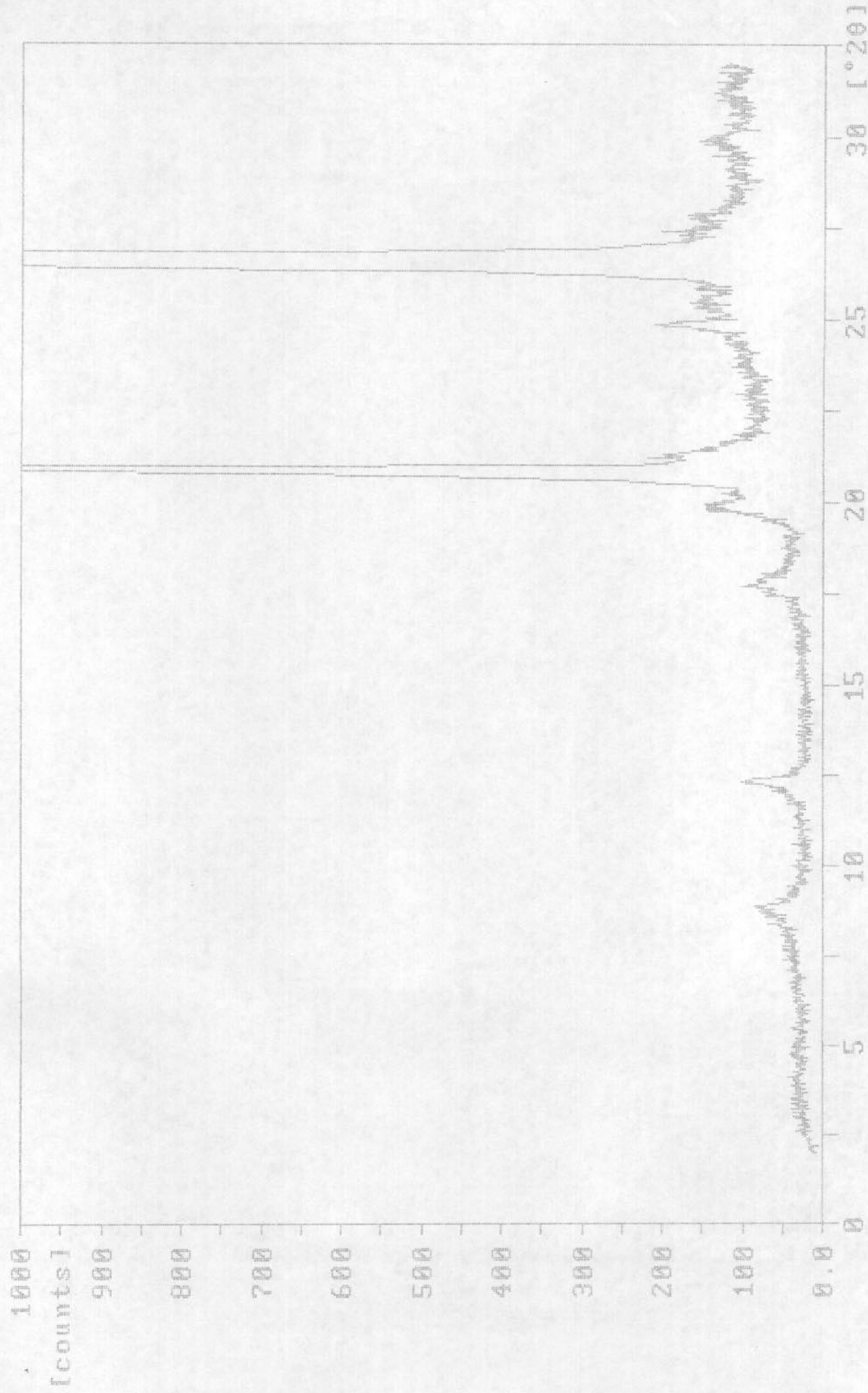
8-sep-1993 11:11



188-4.RD

Sample identification: H161(13-)HE-.0203

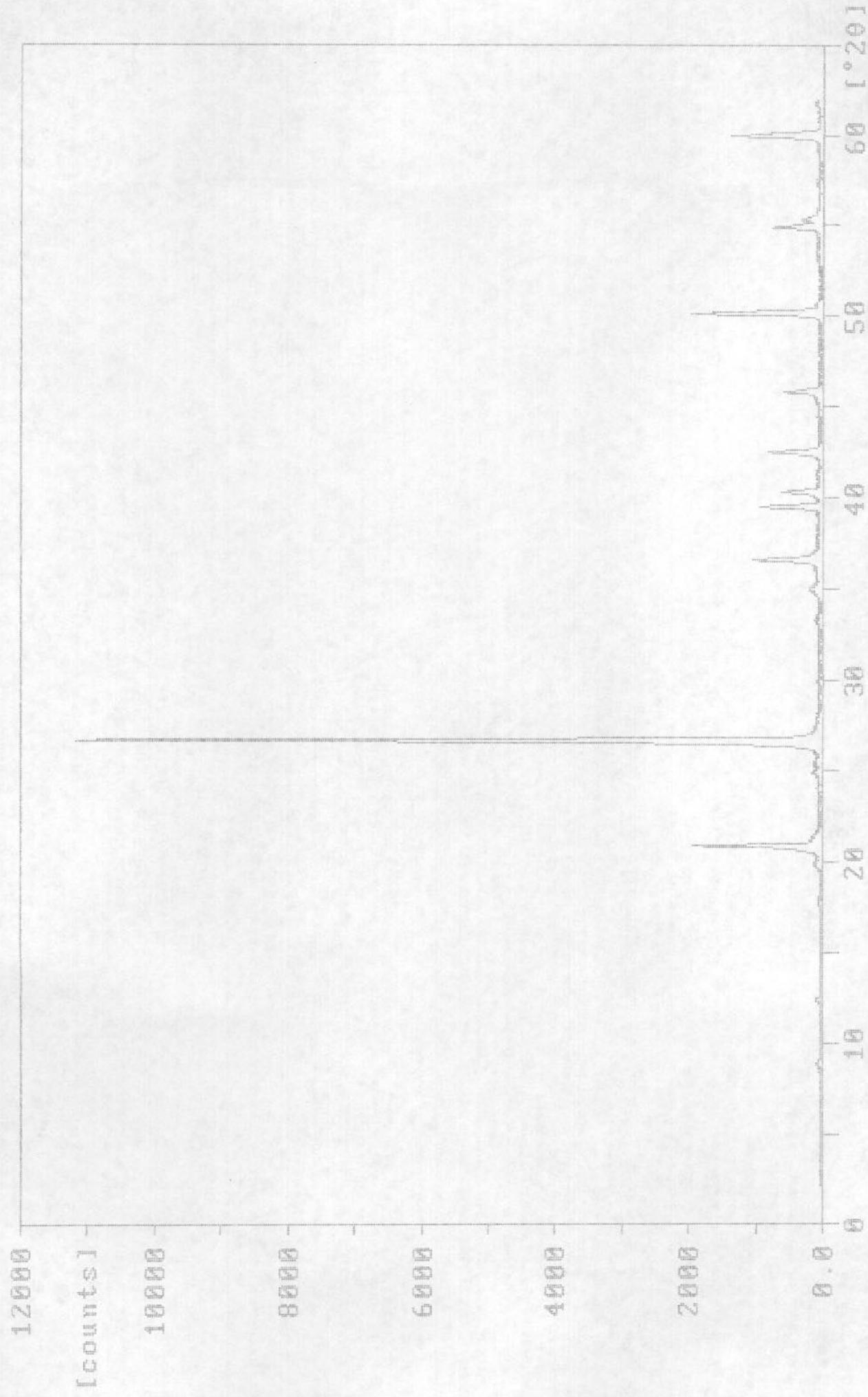
10-sep-1993 9:59



188-3A.RD

Sample identification: H161(13-9)HE-0203

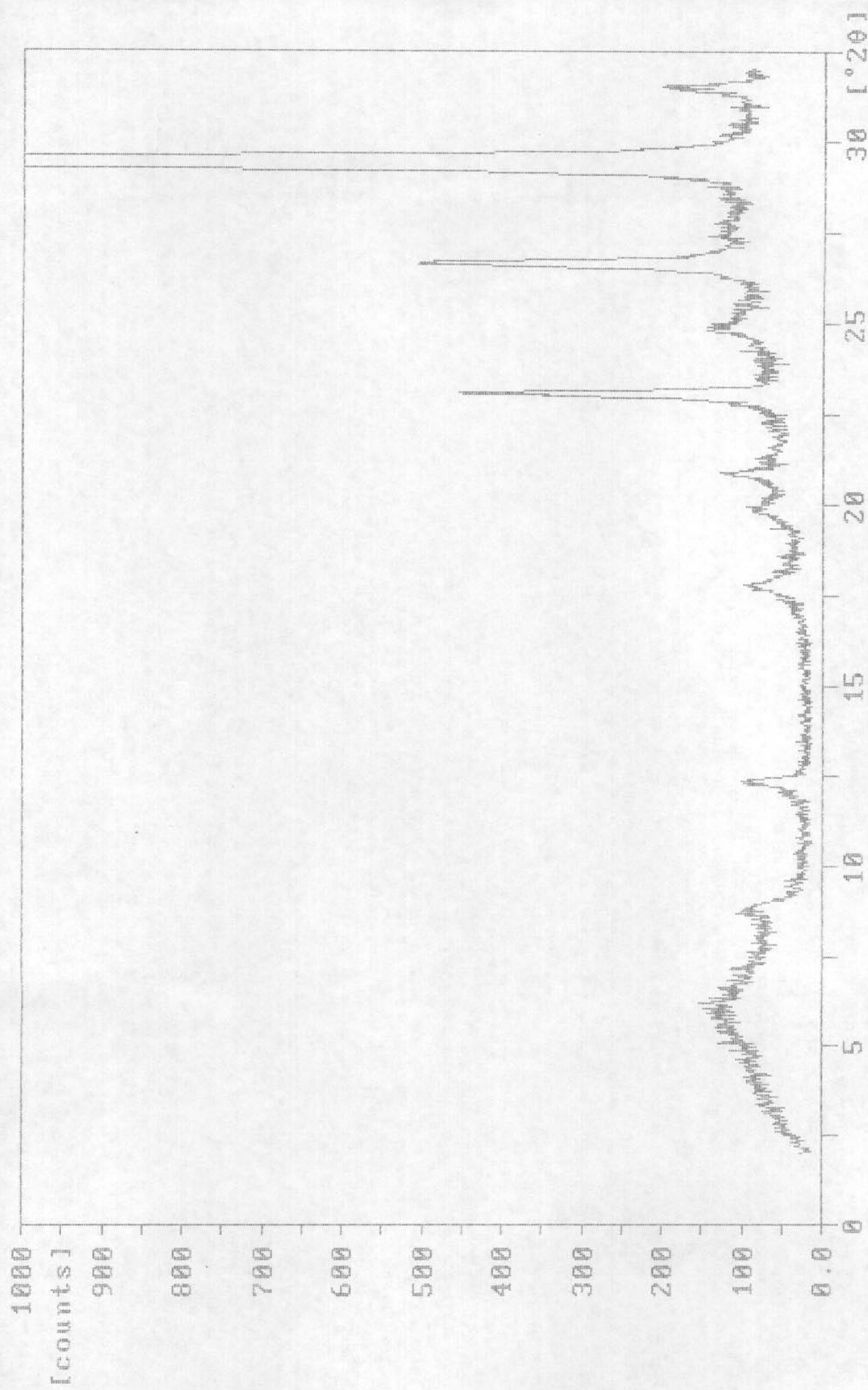
8-sep-1993 10:33



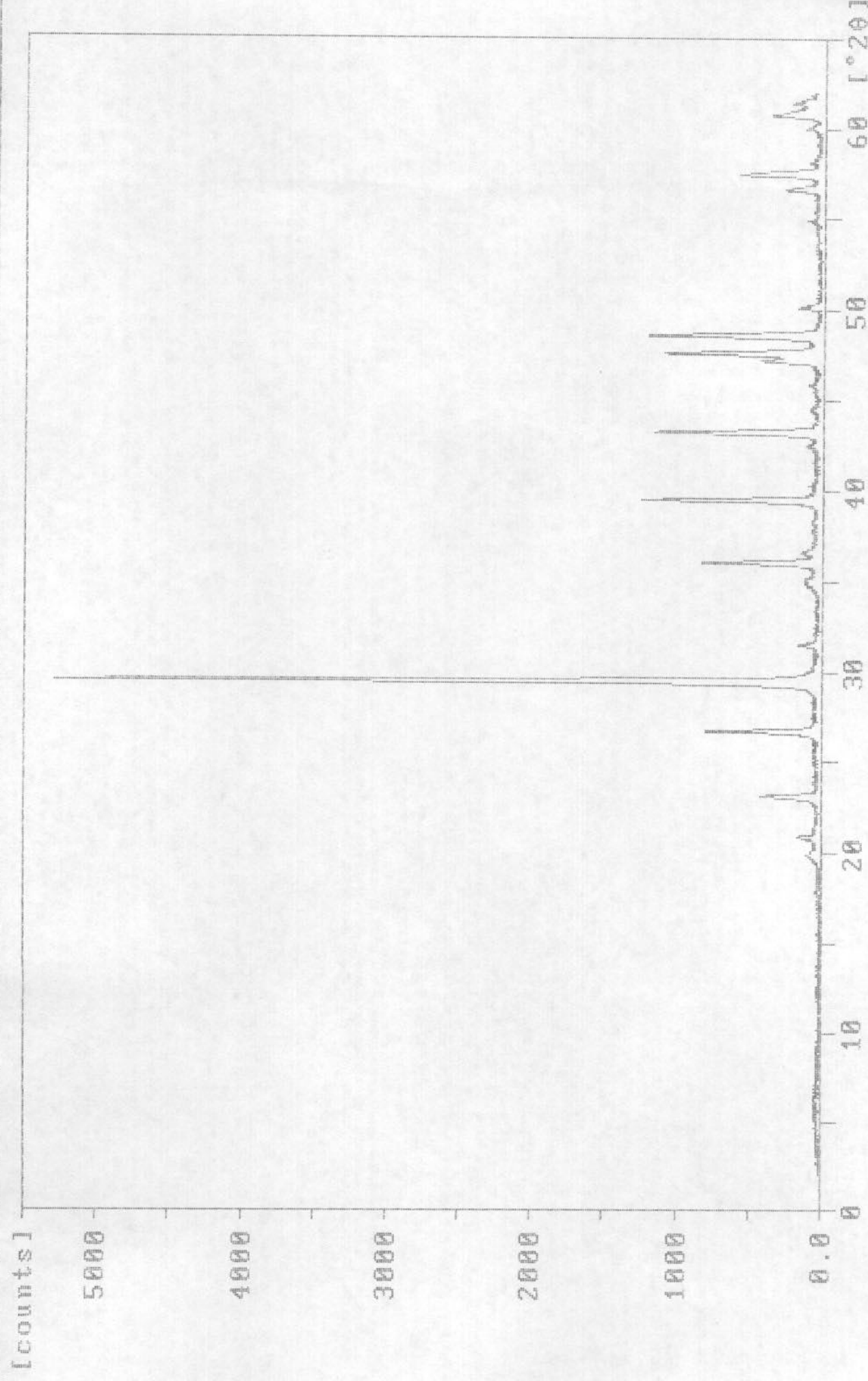
188-3.RD

Sample identification: H-15-9 HE-0202

25-nov-1993 10:40

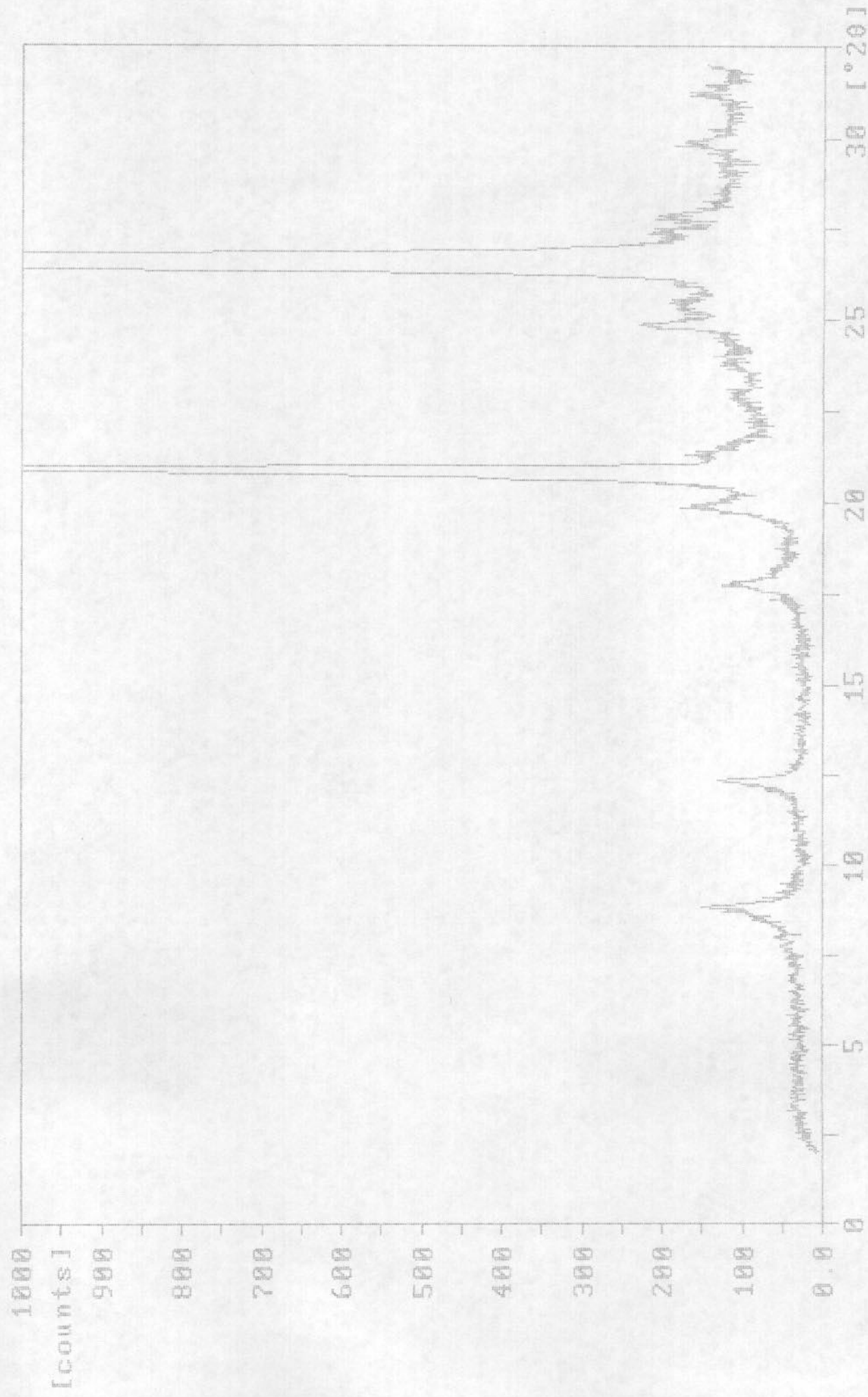


332-17A.RD



Sample identification: H161(13-9)HE-0202 A

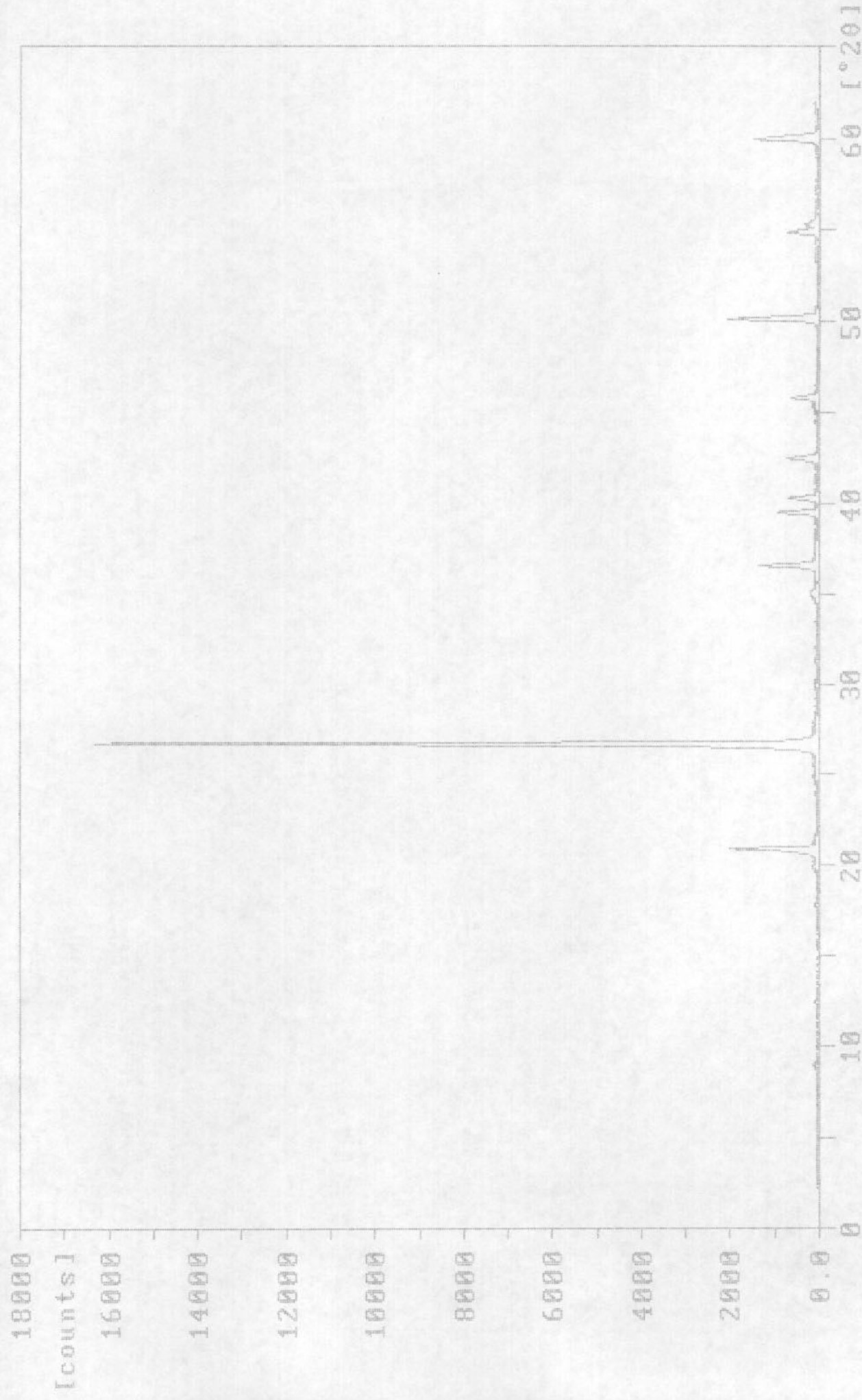
10-sep-1993 9:34



188-2A.RD

Sample identification: H161(13-9)HE-0202

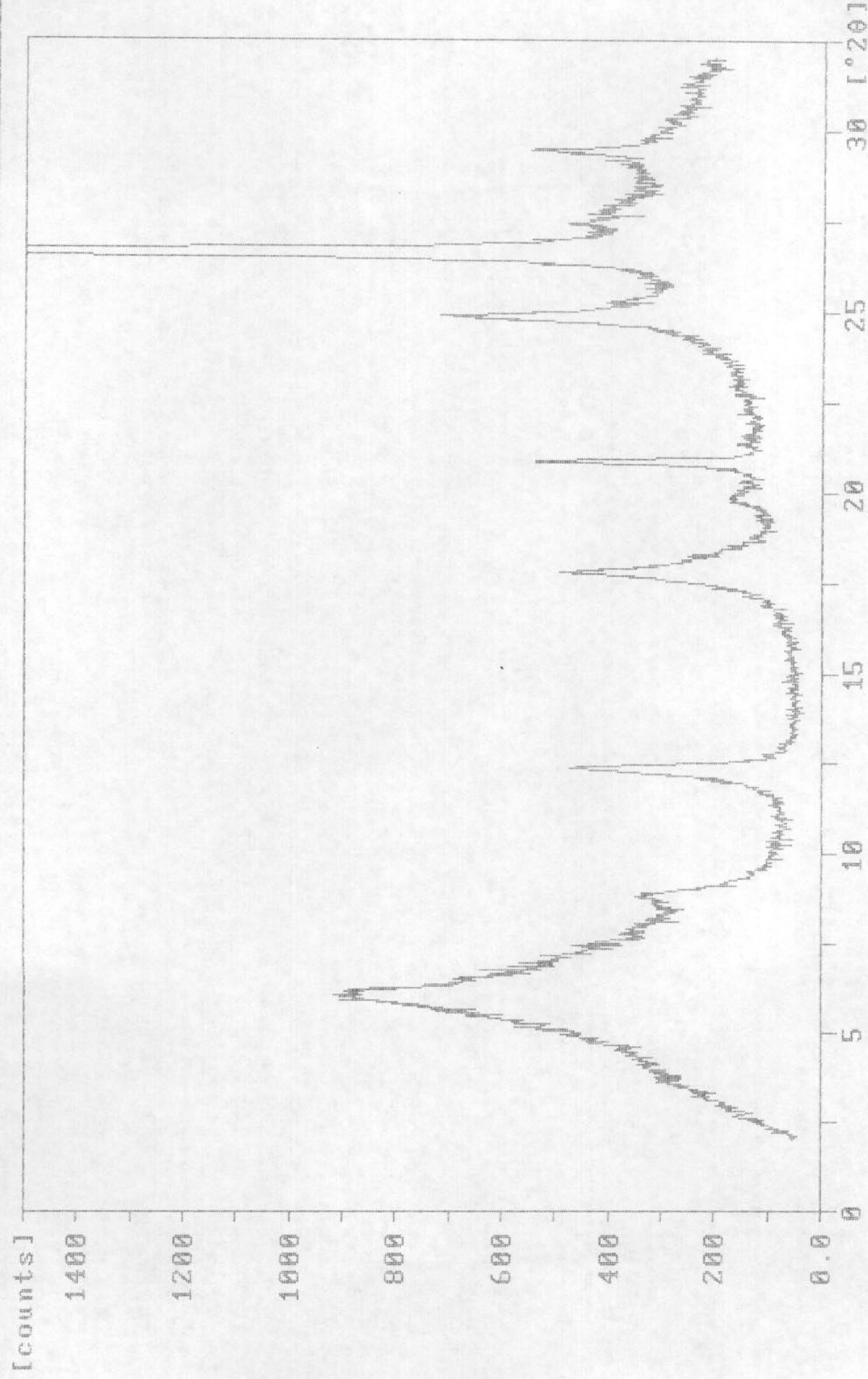
8-sep-1993 9:41



198-2.RD

Sample identification: H-15-9 HE-0201

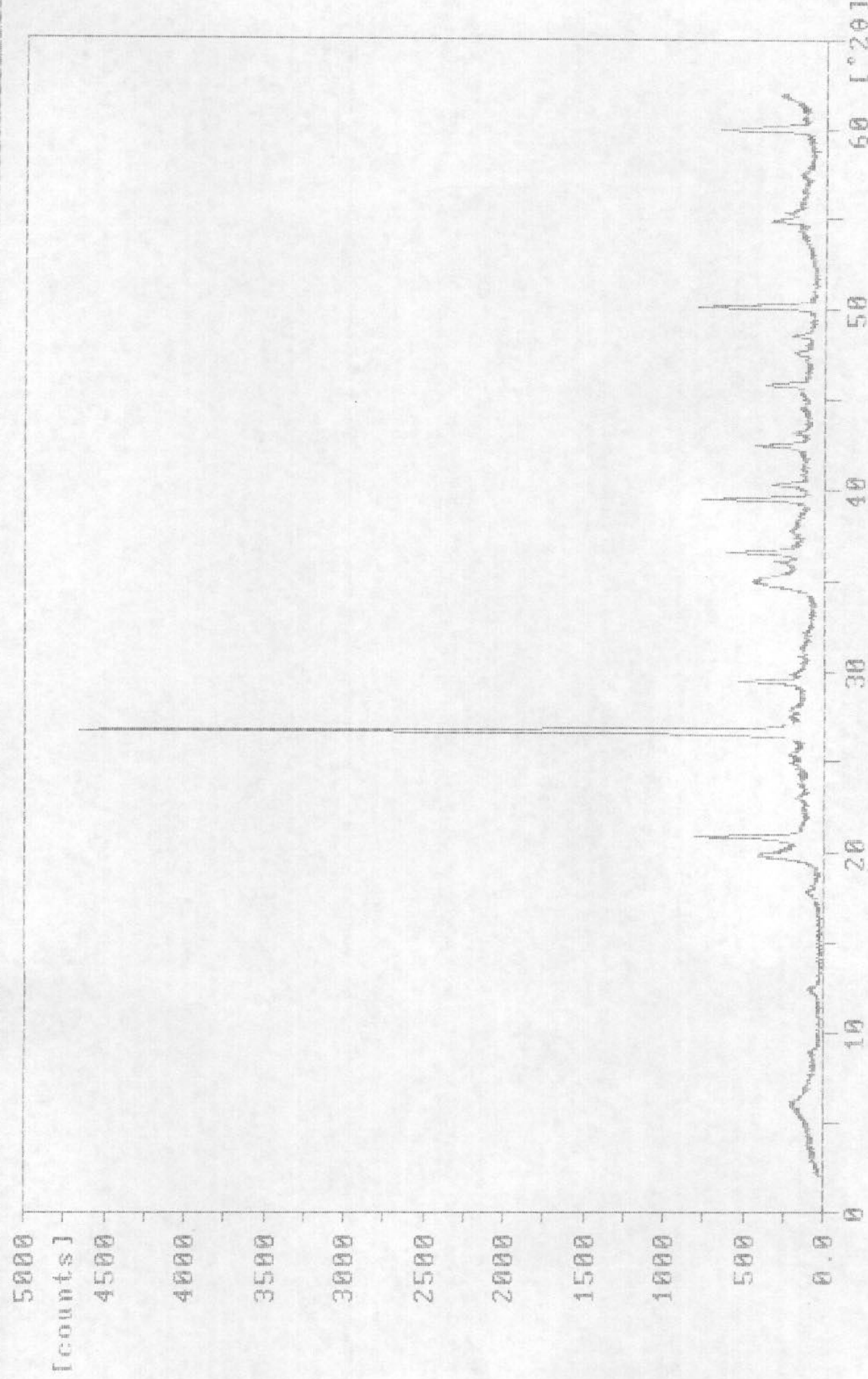
25-nov-1993 10:13



332-16A.RD

Sample identification: H-15-9 HE-0201

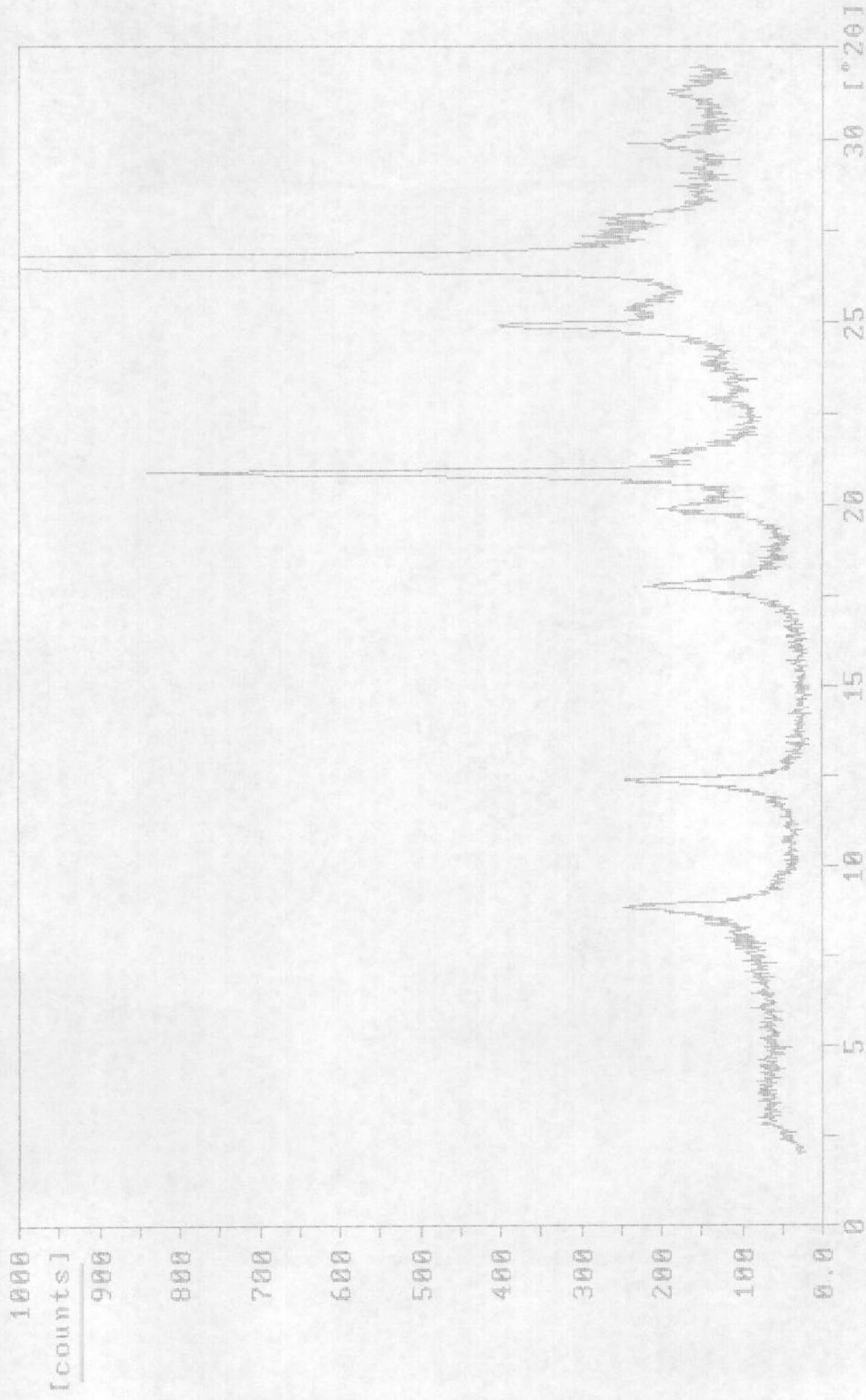
22-nov-1993 9:28



332-16.RD

Sample identification: H161(13-9)HE-0201 A

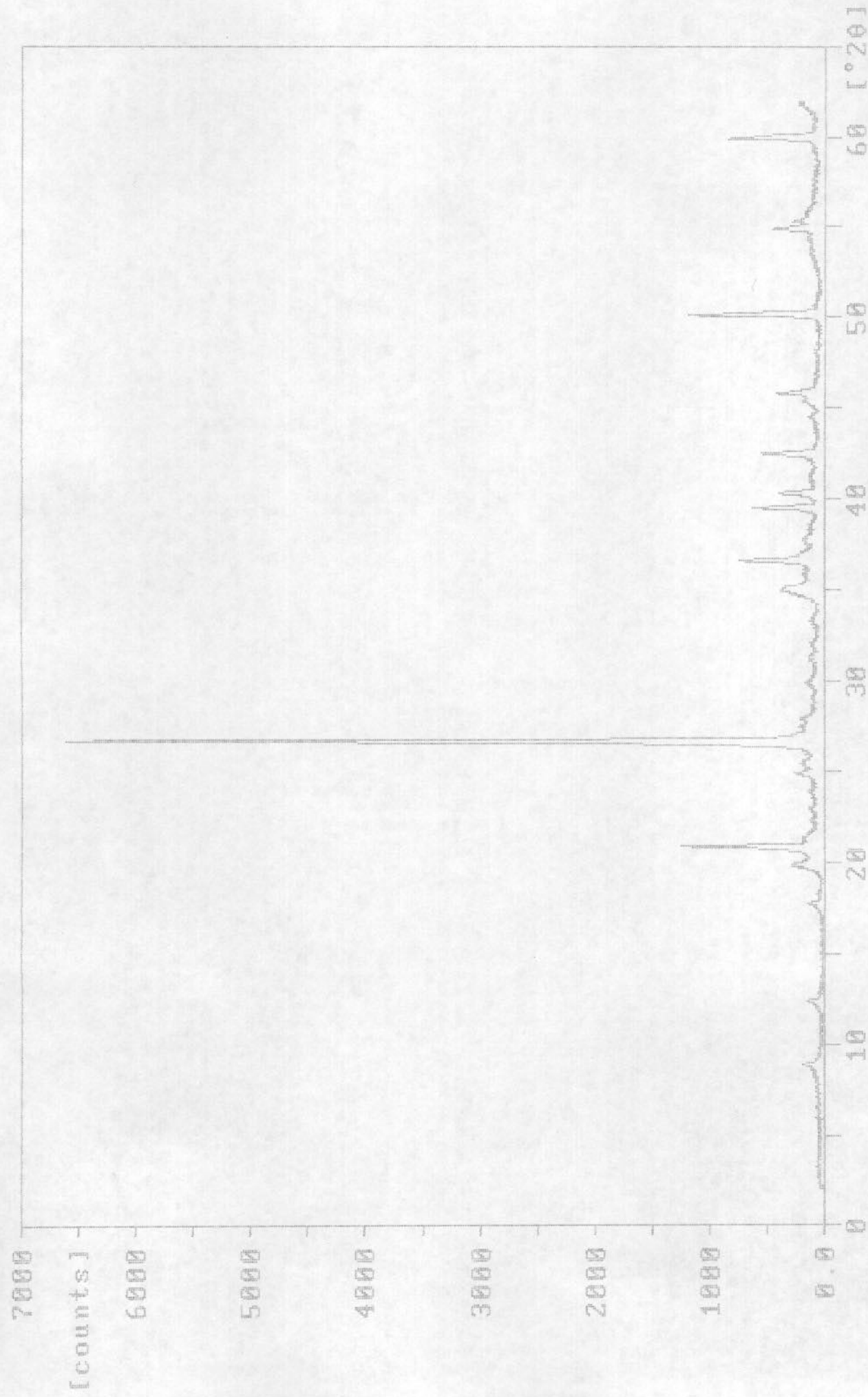
10-sep-1993 9:01



188-1A.RD

Sample identification: H161(13-9)HE-0201

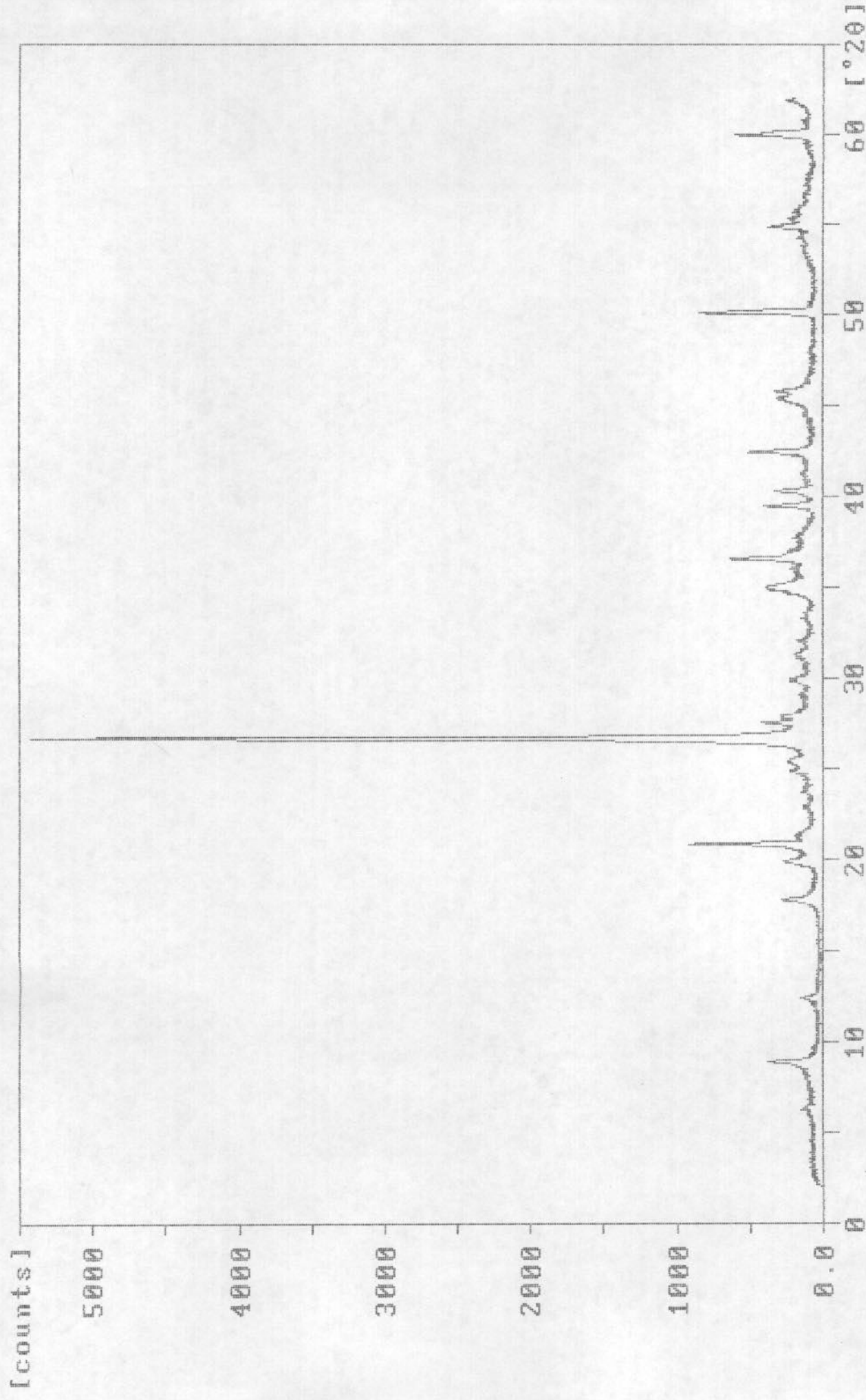
7-sep-1993 13:00



188-1.RD

Sample identification: H0JA-15-9 HE-0122

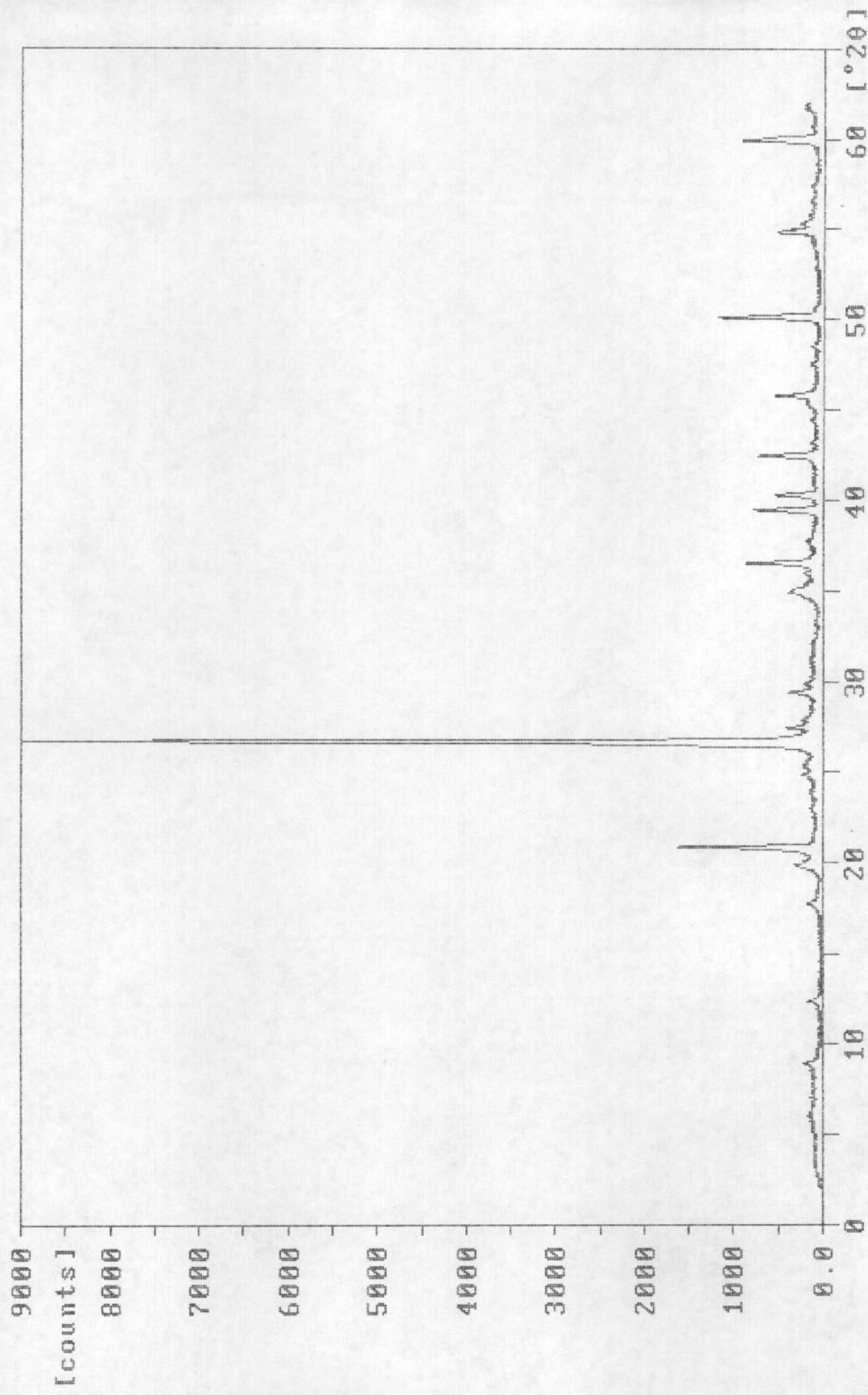
22-apr-1993 15:56



080-61.RD

Sample identification: H0JA-15-9 HE-0120

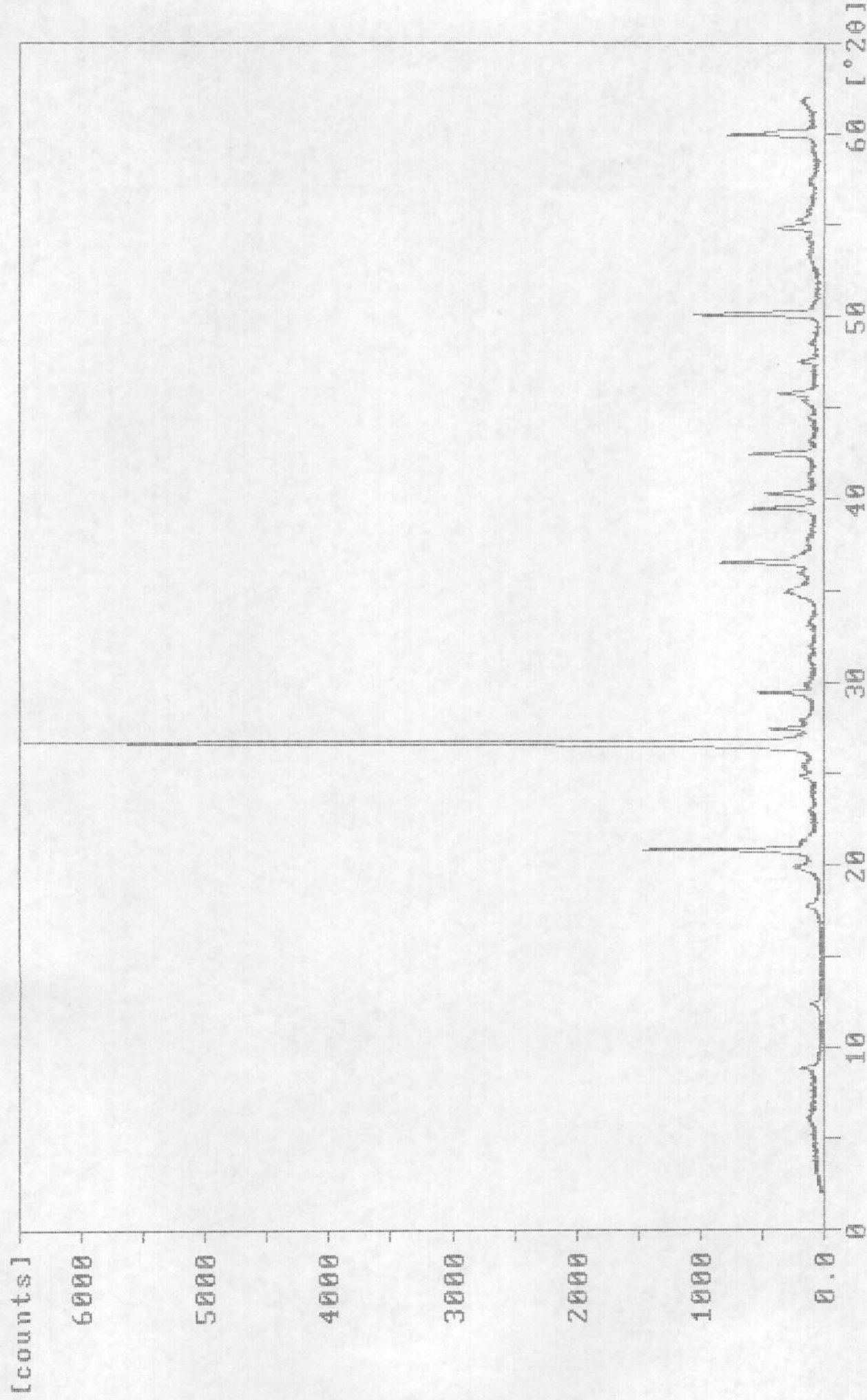
12-apr-1993 12:04



000-59.RD

Sample identification: H0JA-15-9 HE-0119

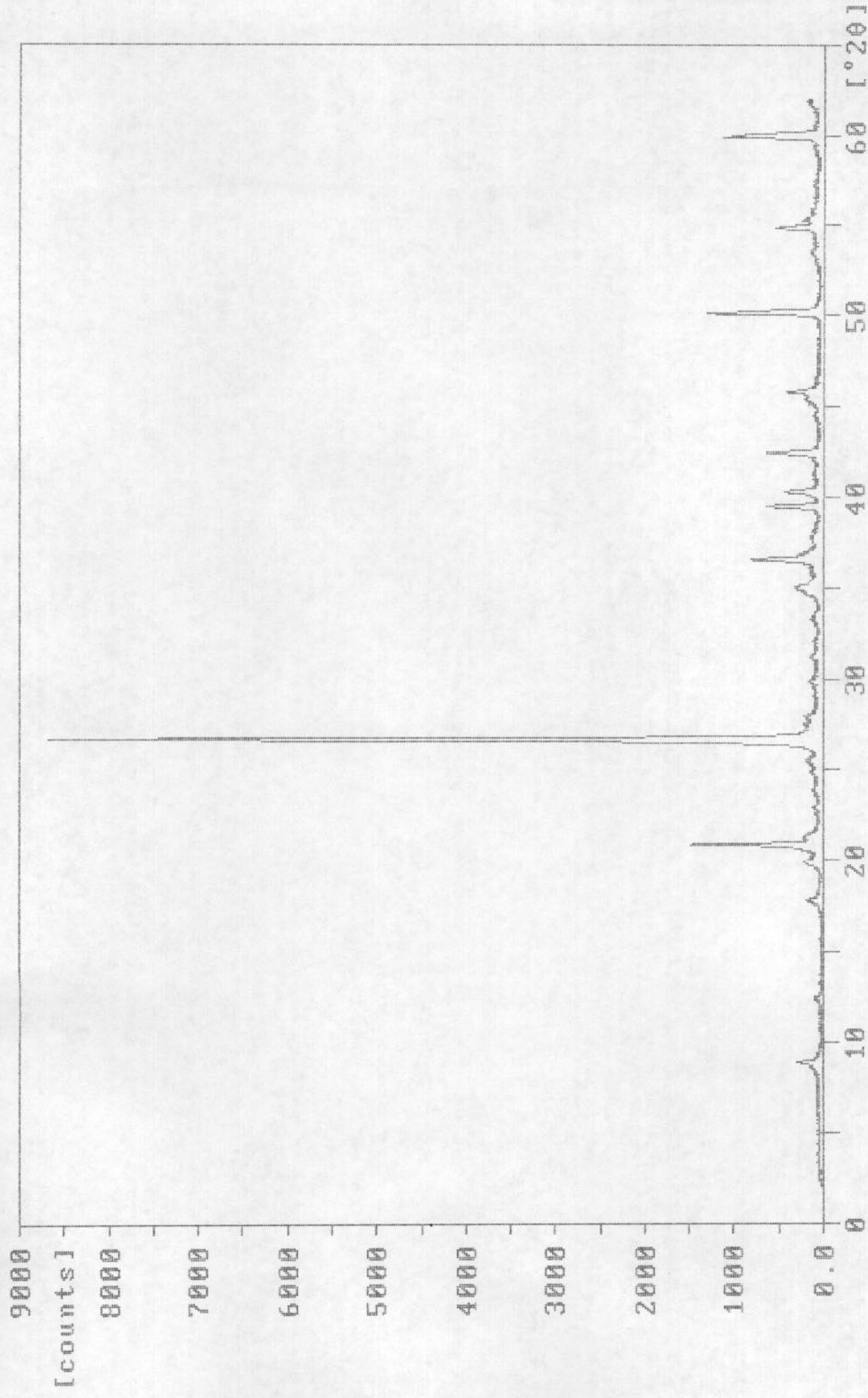
22-apr-1993 15:26



000-58.RD

Sample identification: H0JA-15-9 HE-0118

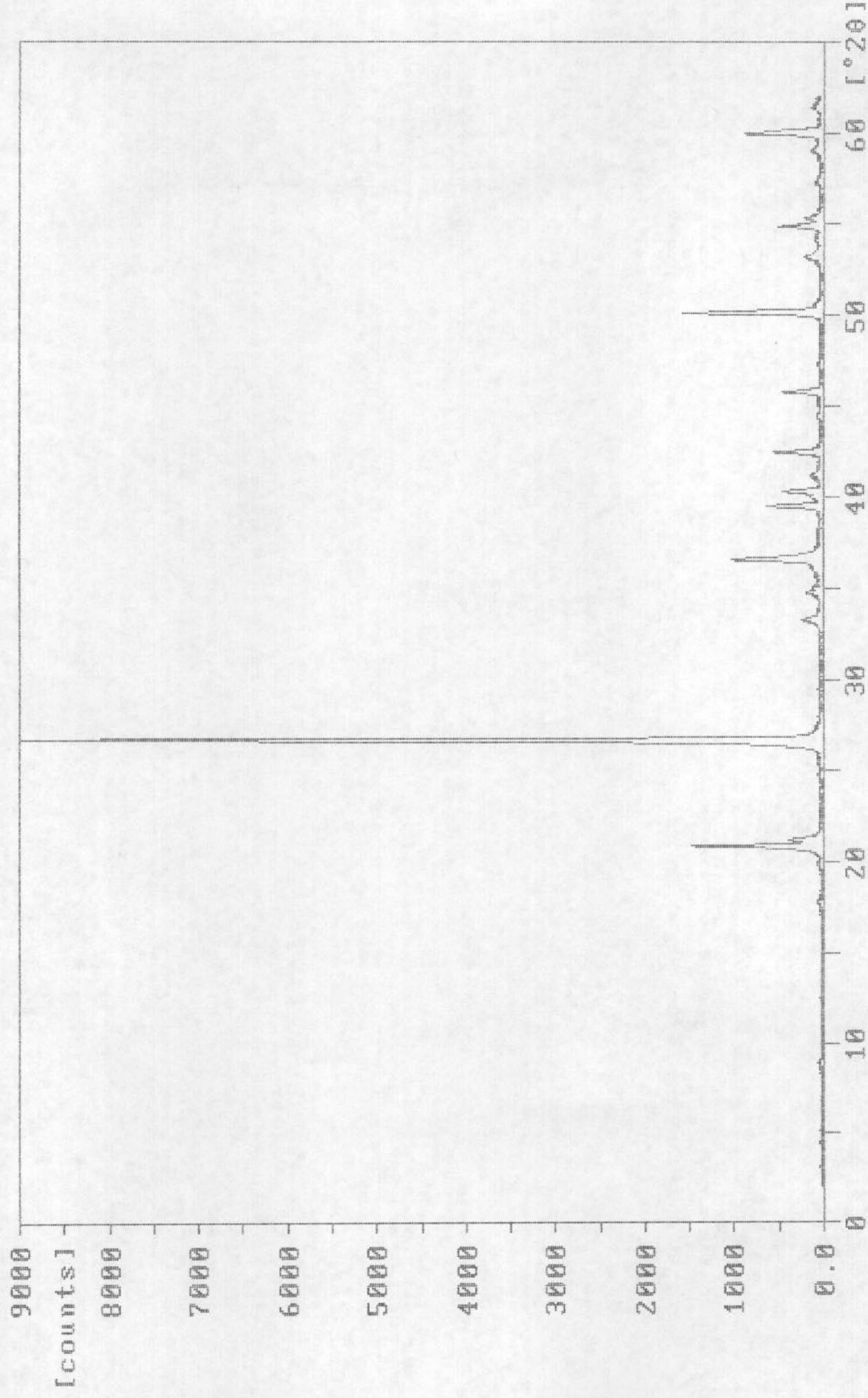
22-apr-1993 14:57



080-57.RD

Sample identification: H0JA-15-9 HE-0117

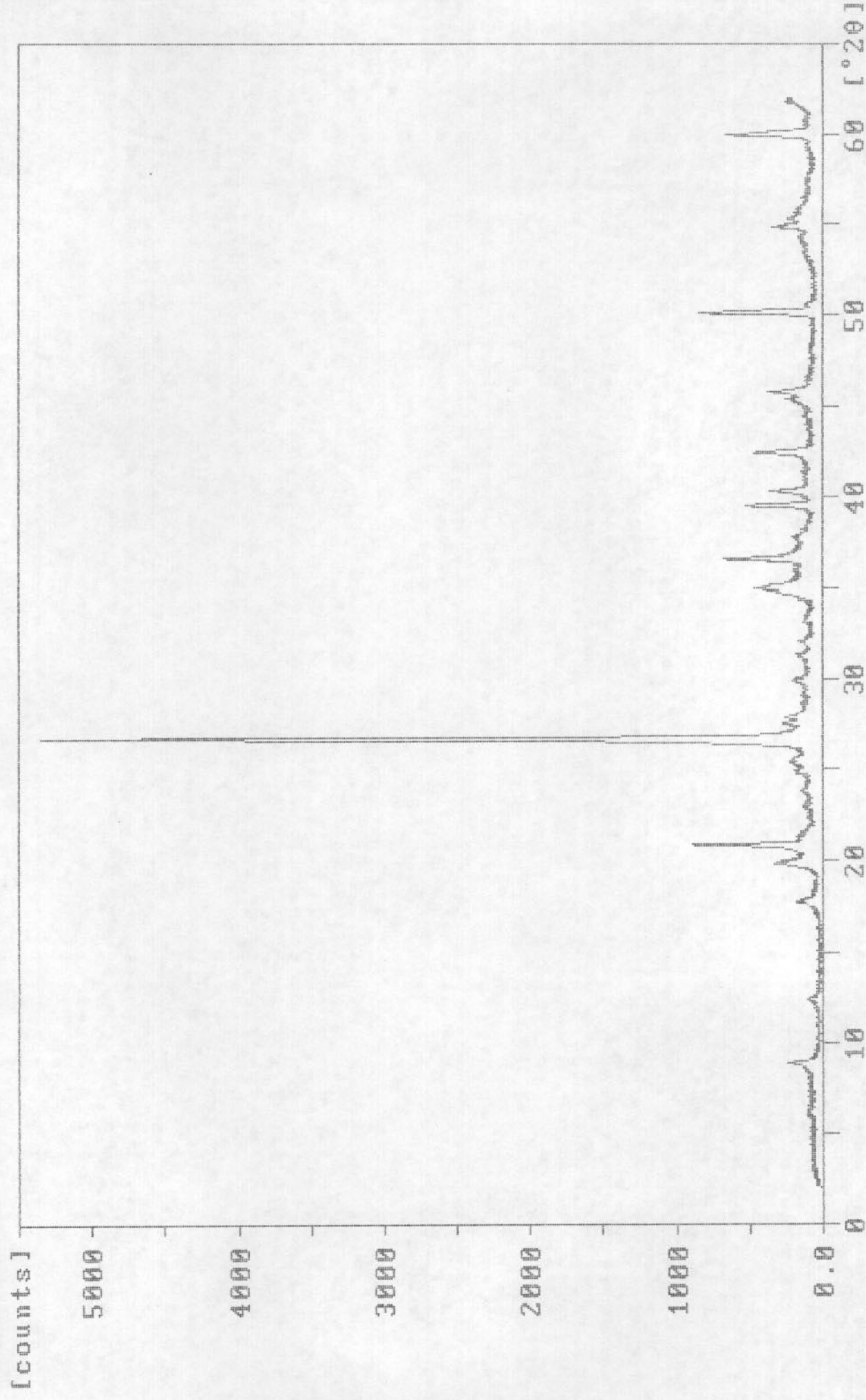
22-apr-1993 14:25



000-56.RD

Sample identification: H0JA-15-9 HE-0116

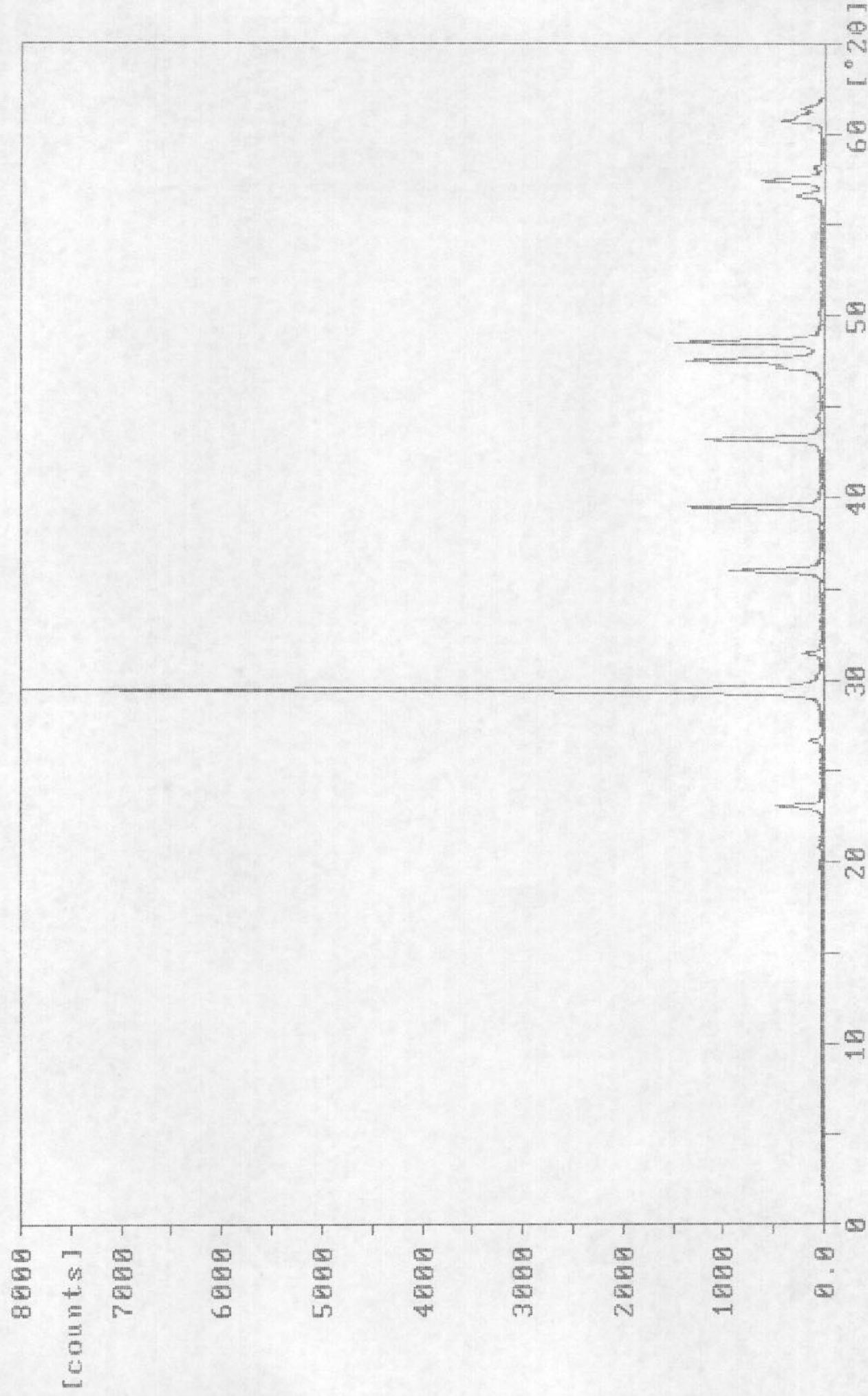
22-apr-1993 13:42



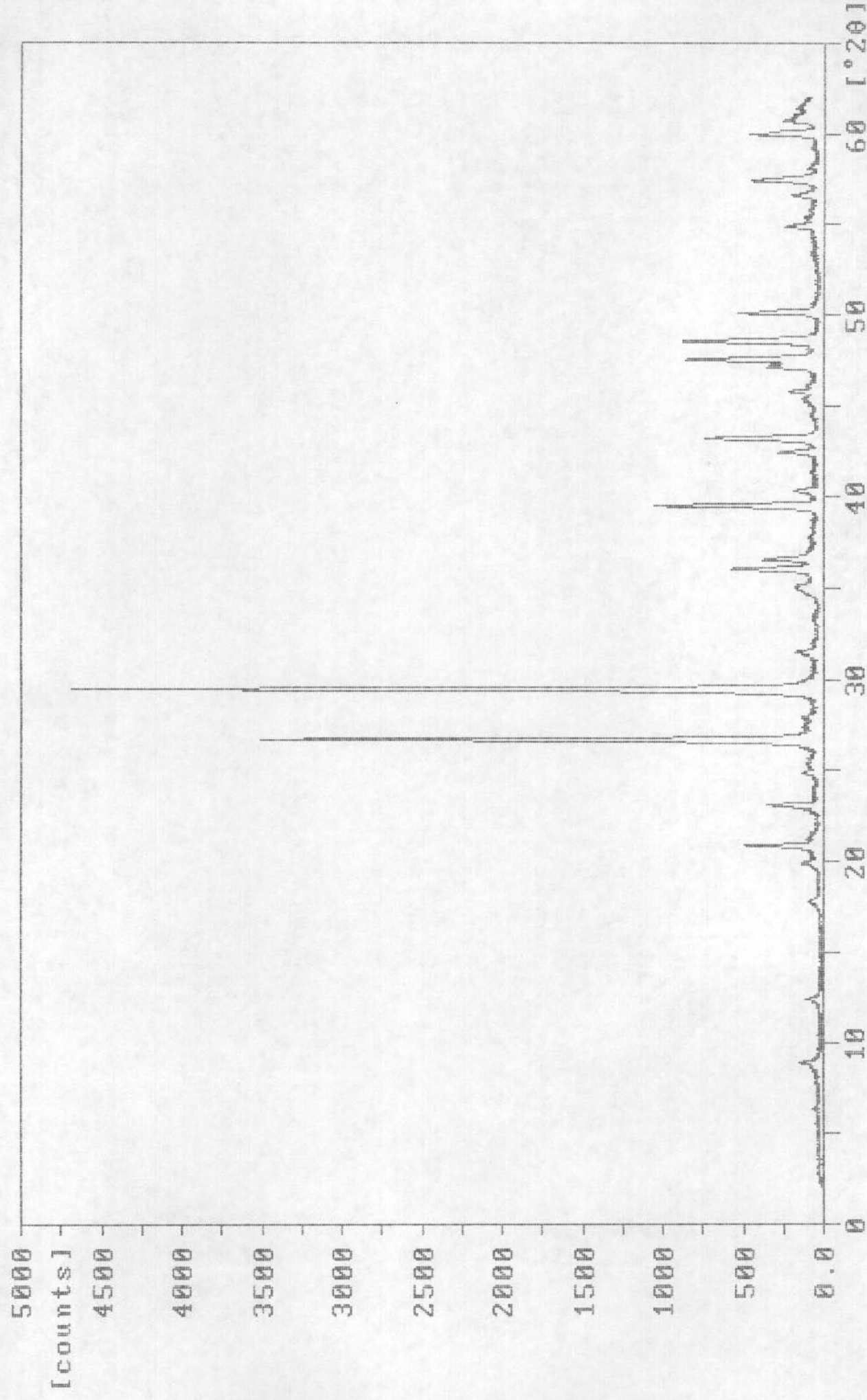
000-55.RD

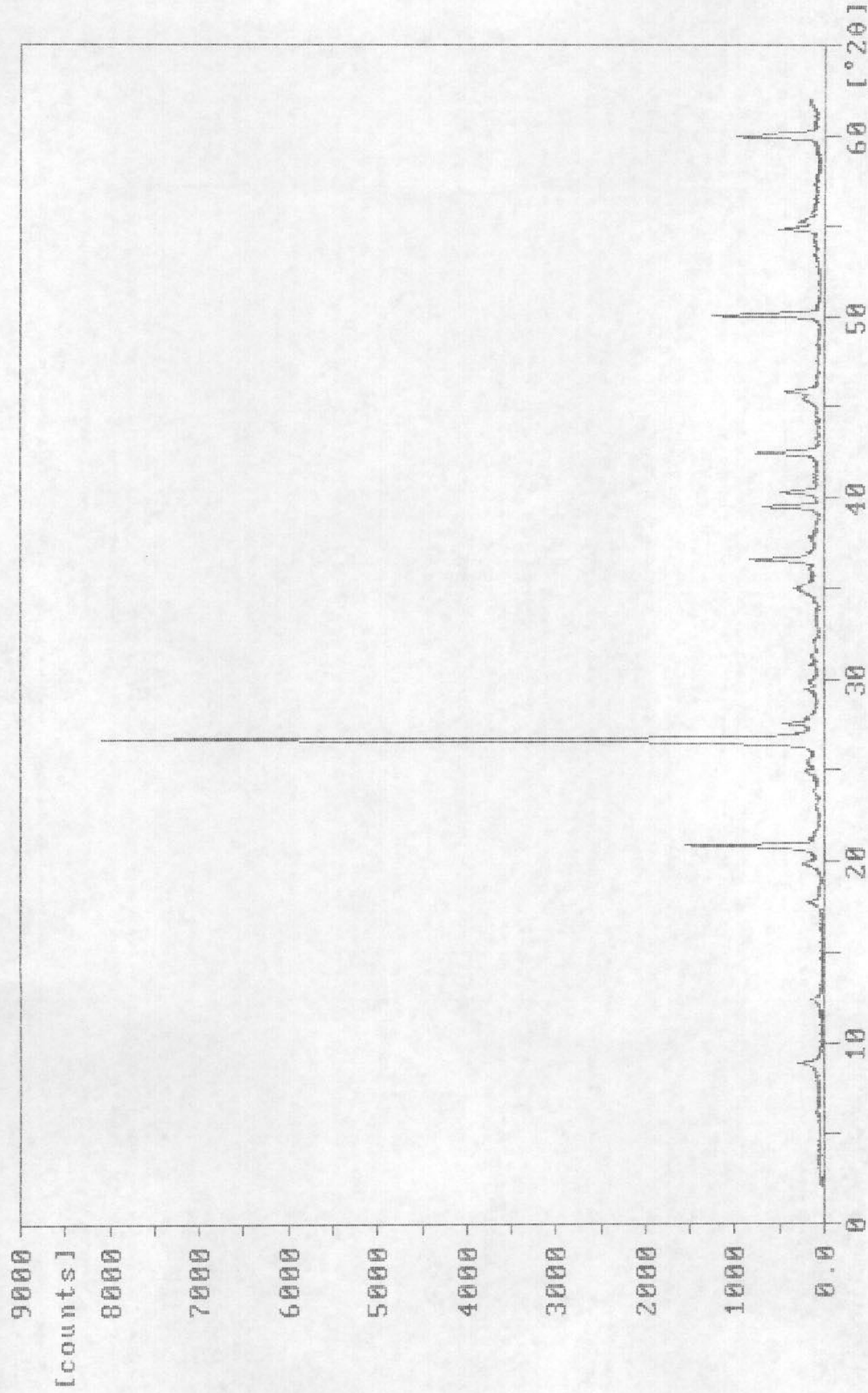
Sample identification: H0JA-15-9 HE-0115

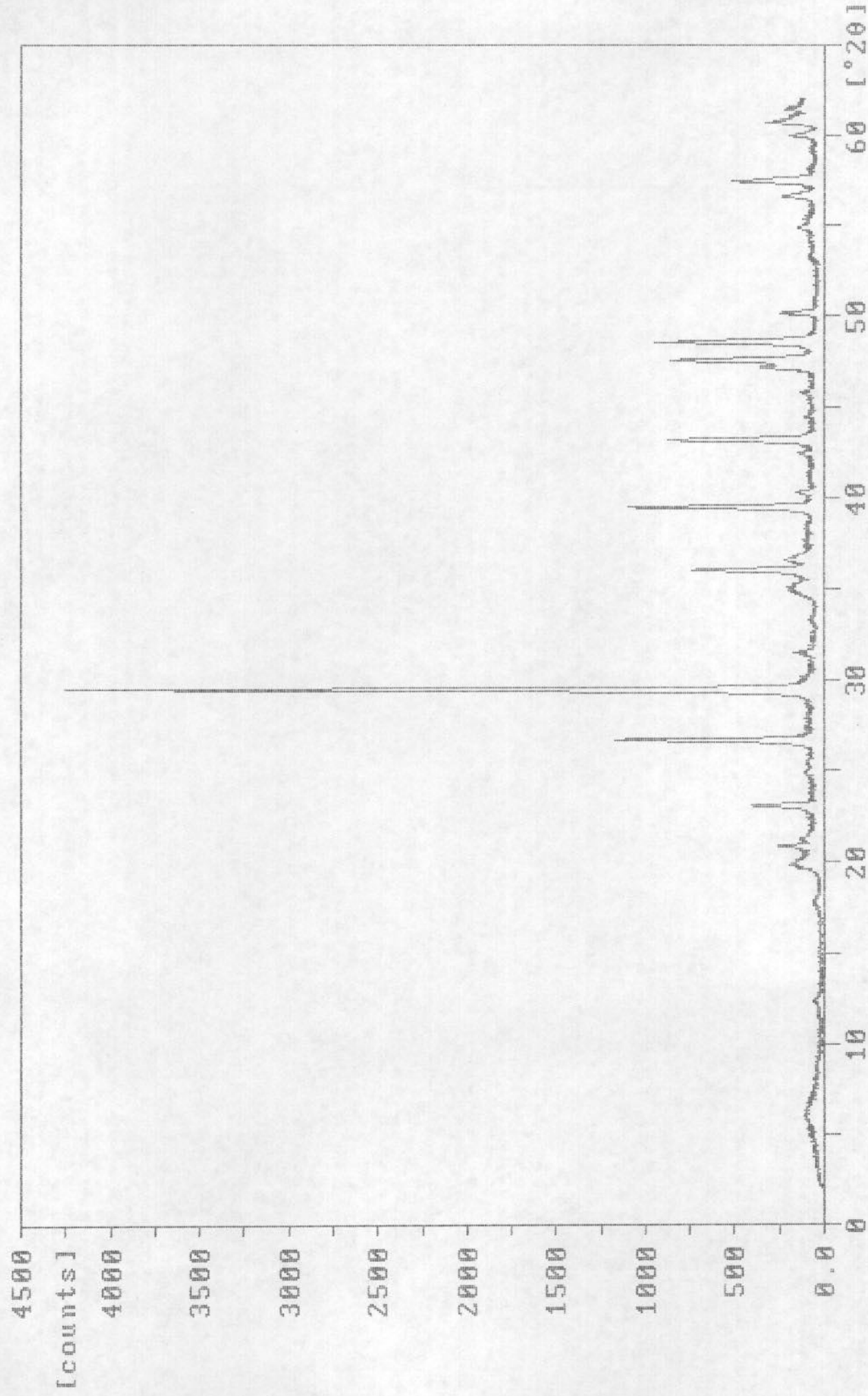
22-apr-1993 13:12

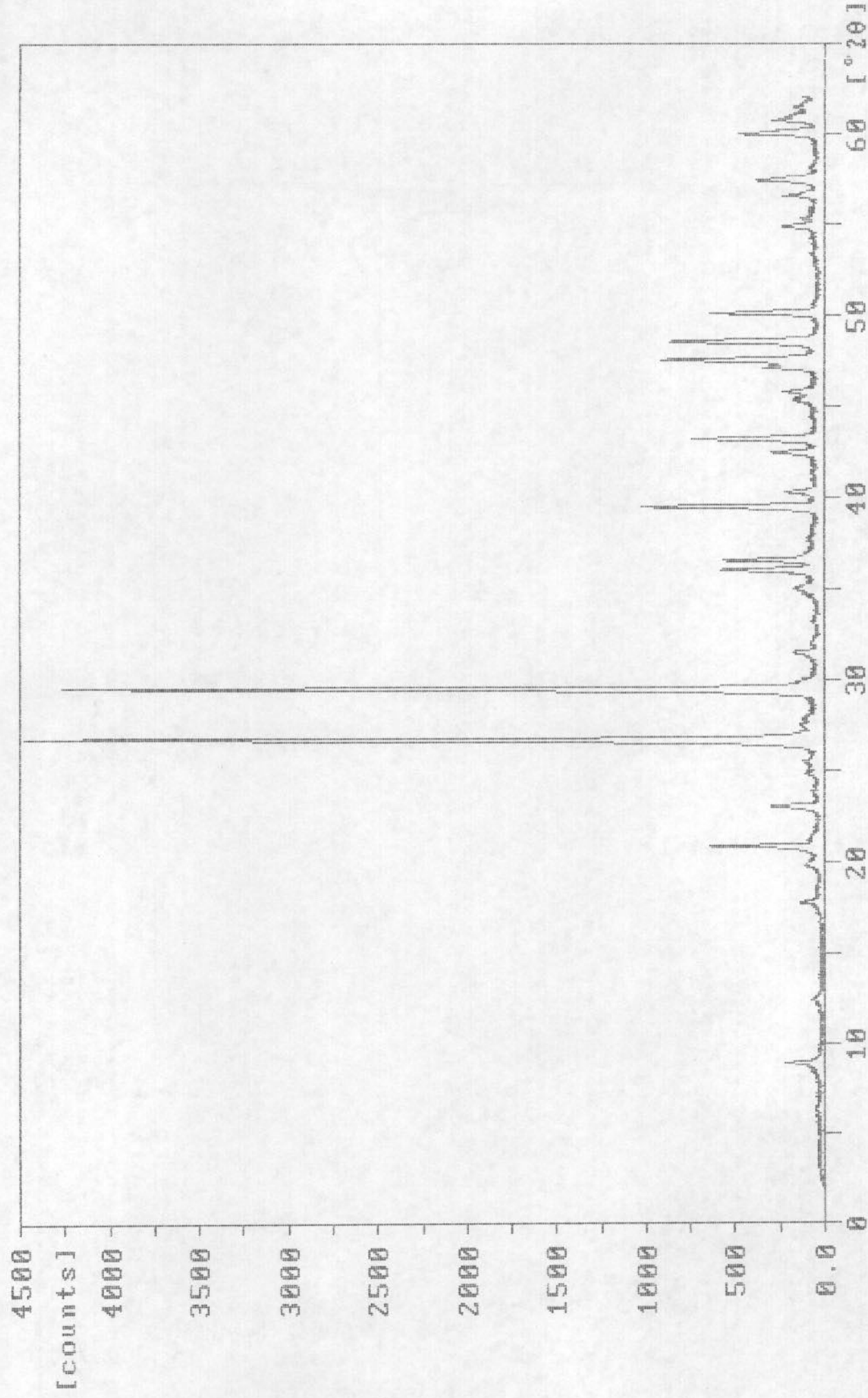


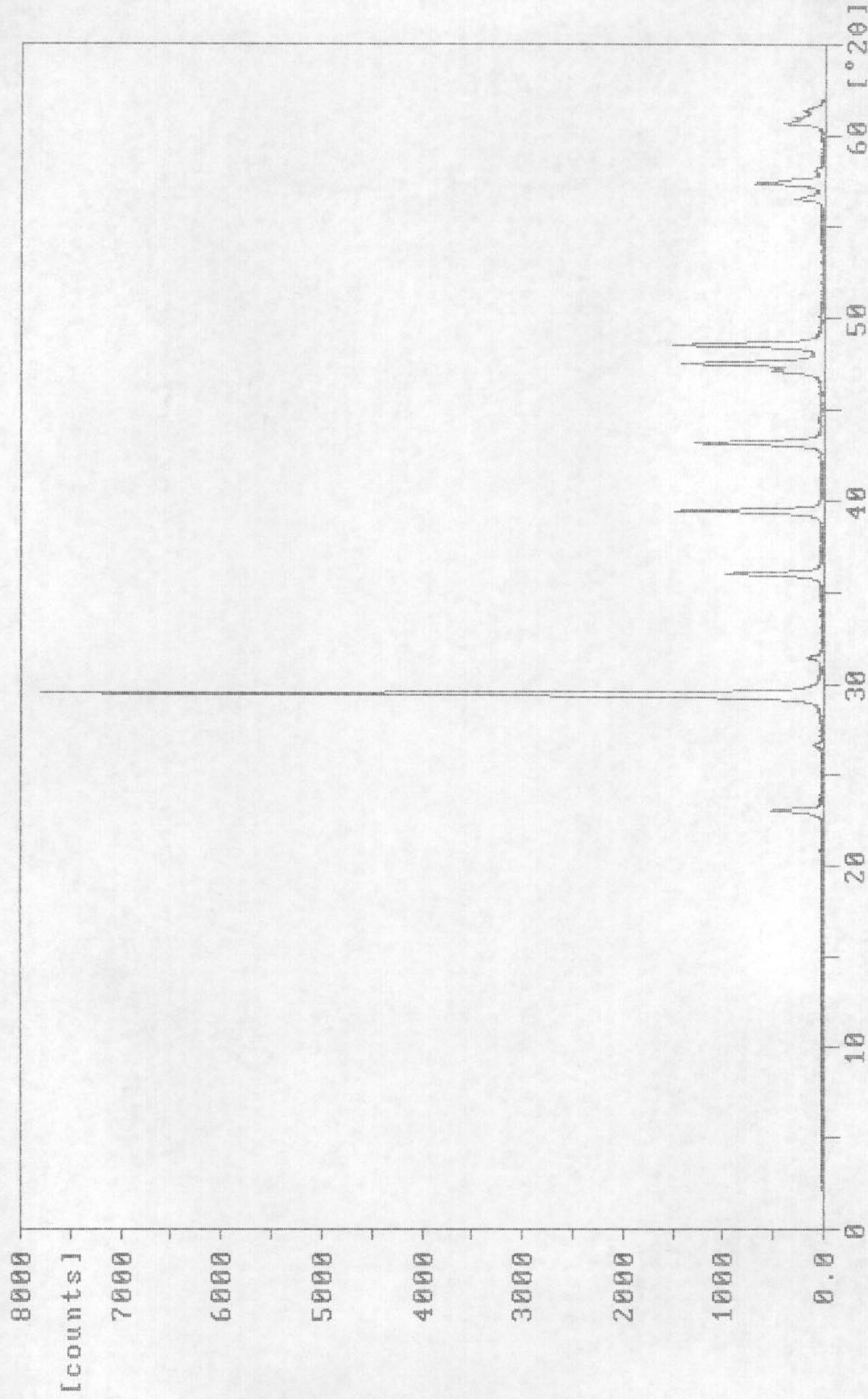
080-54.RD

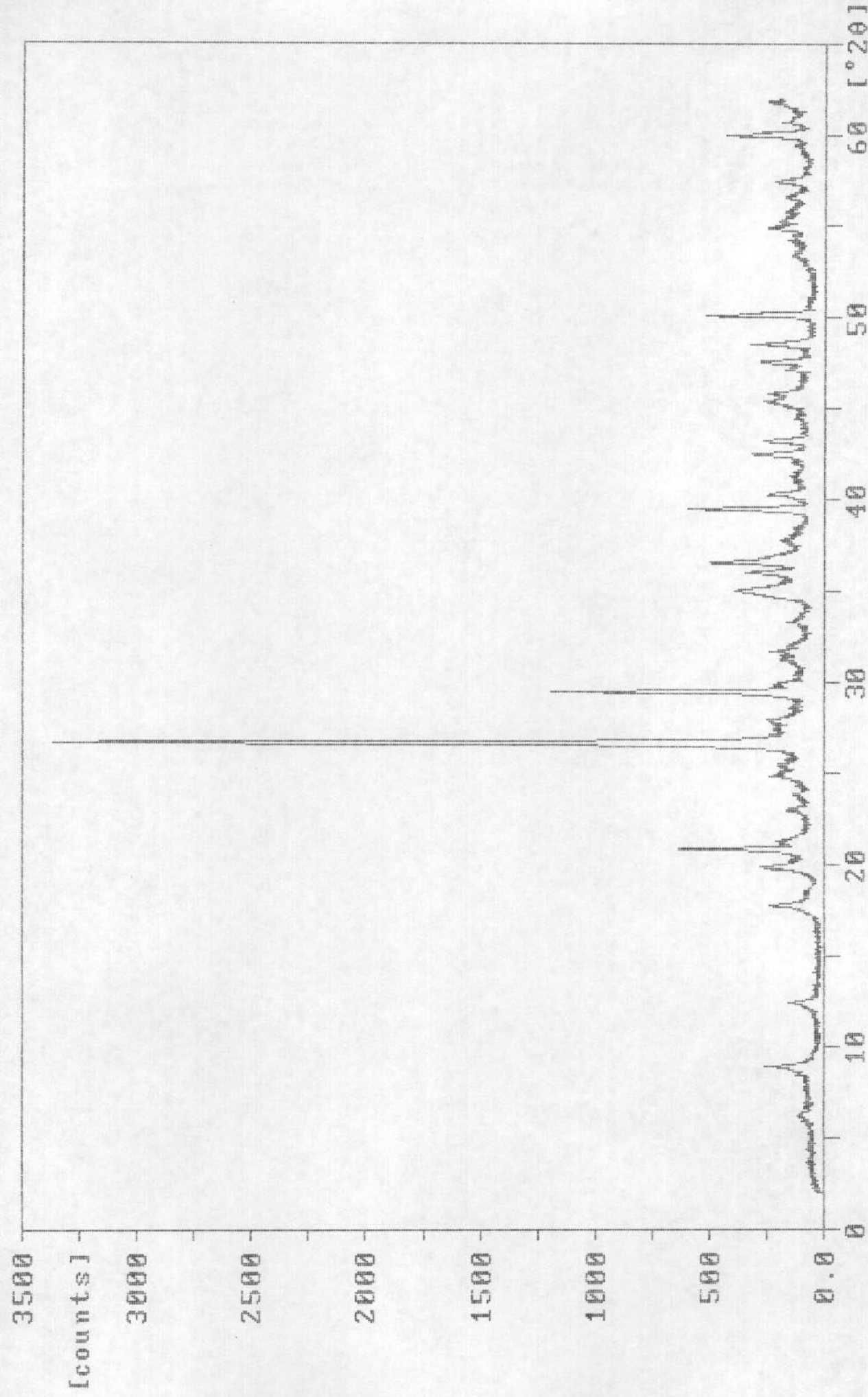






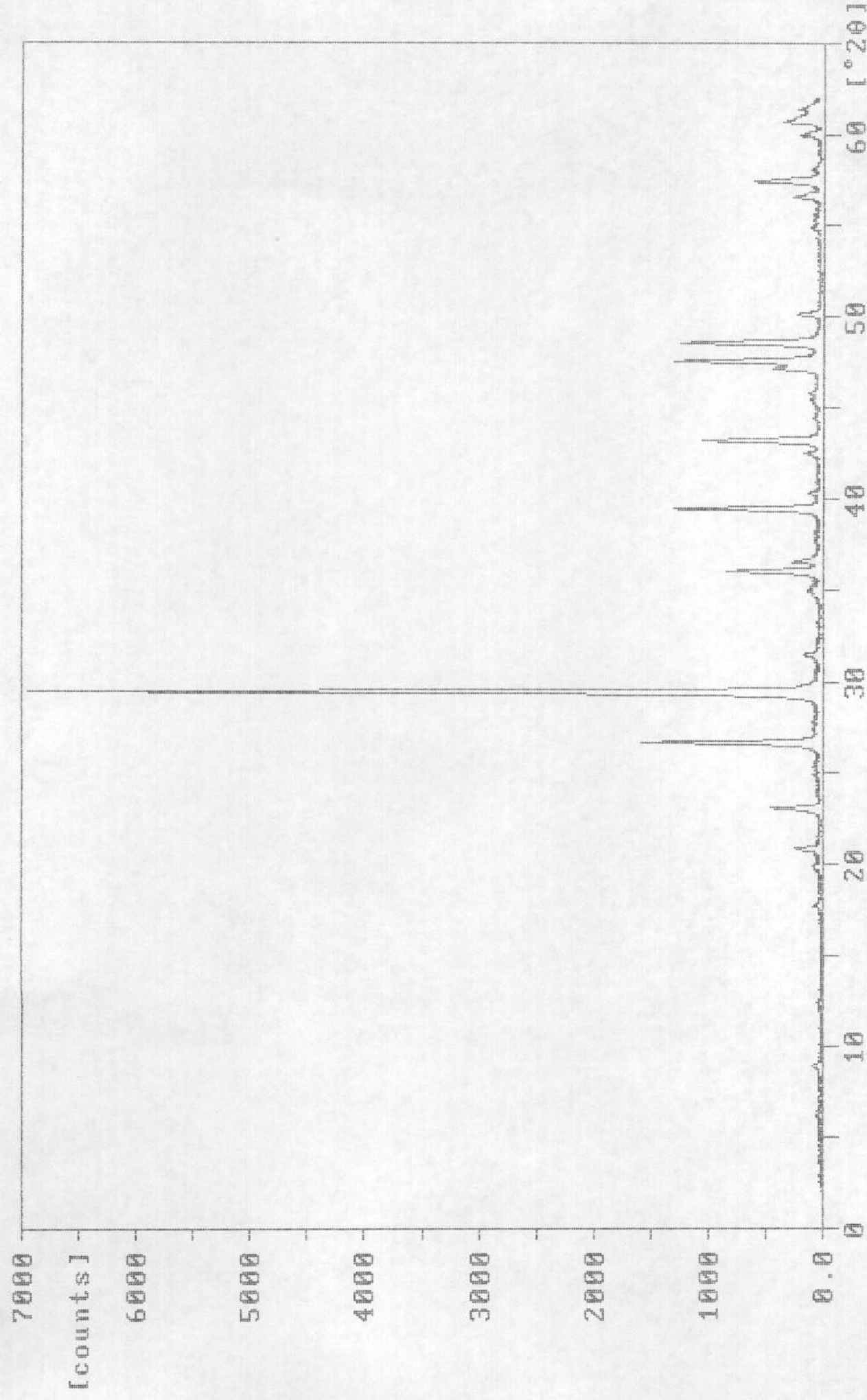




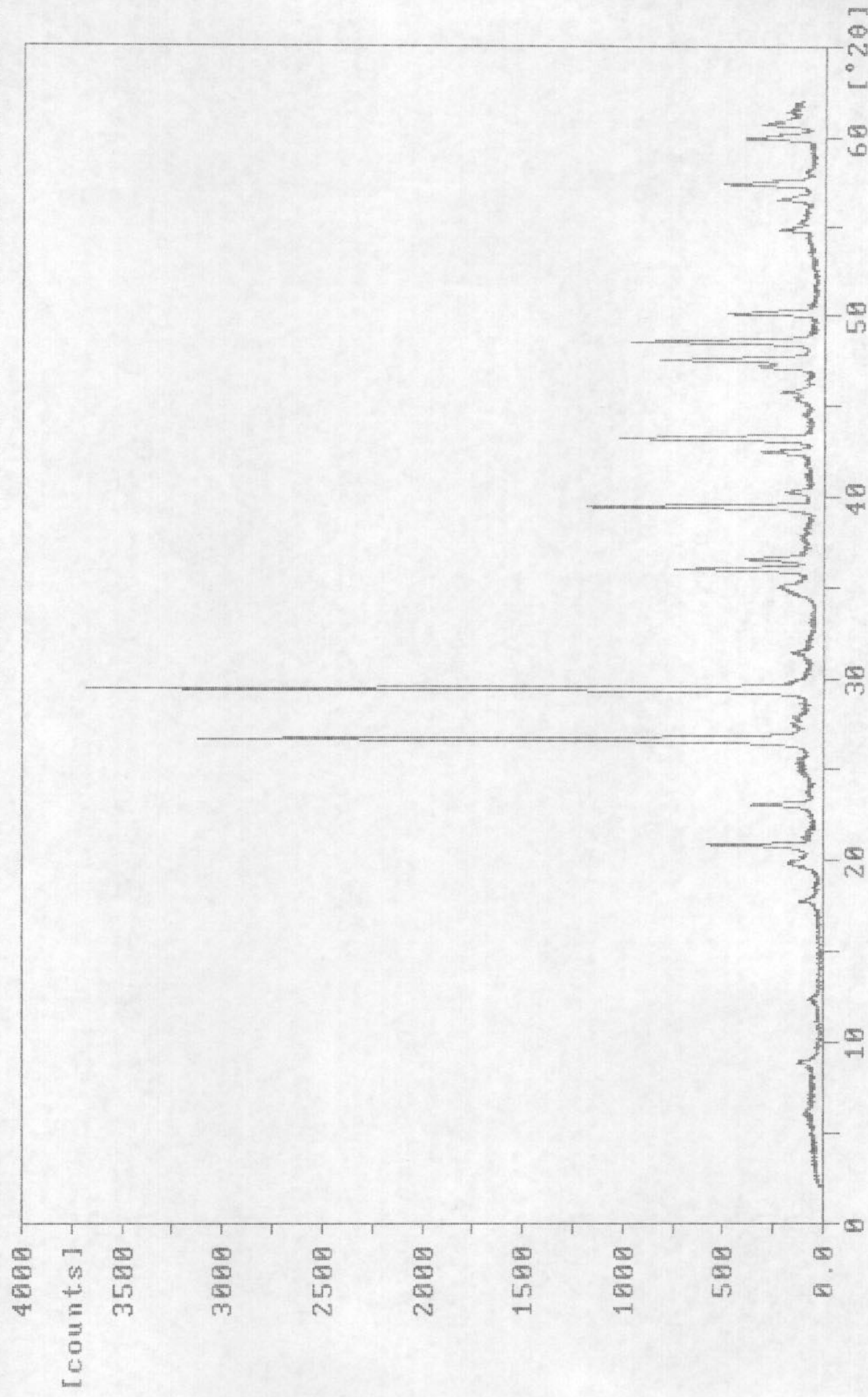


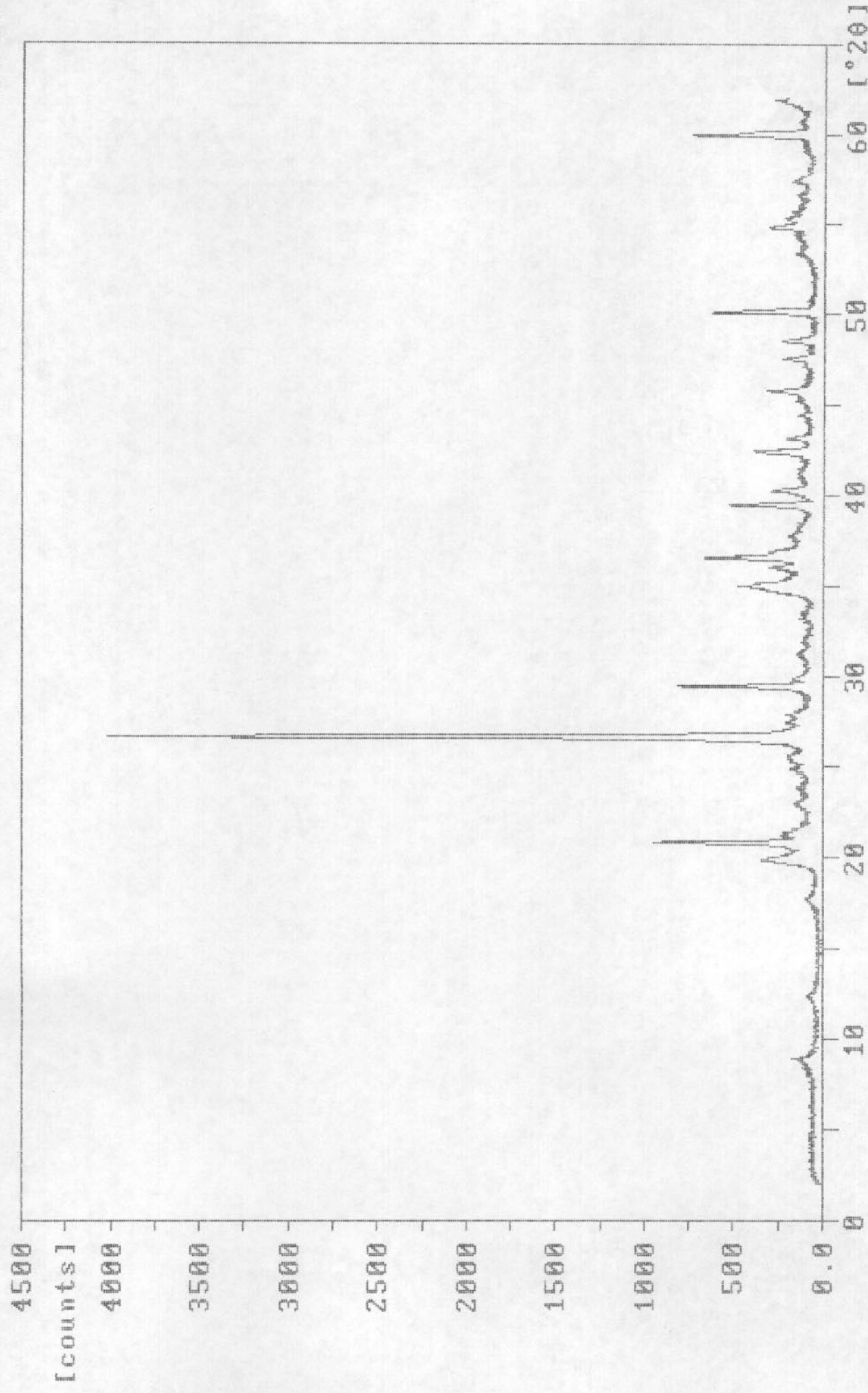
Sample identification: H0JA-15-9 HE-0111

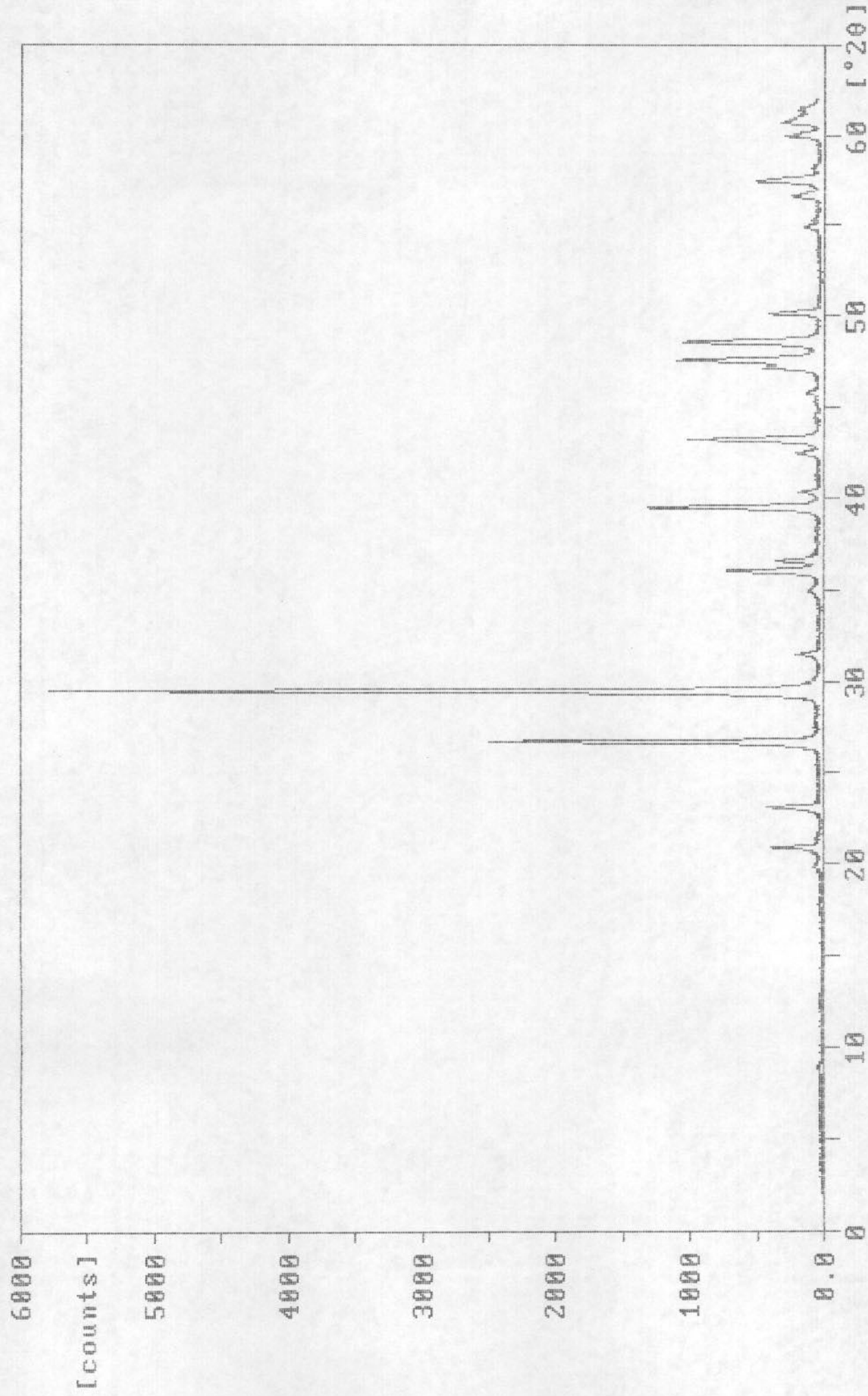
22-apr-1993 11:44



080-50.RD

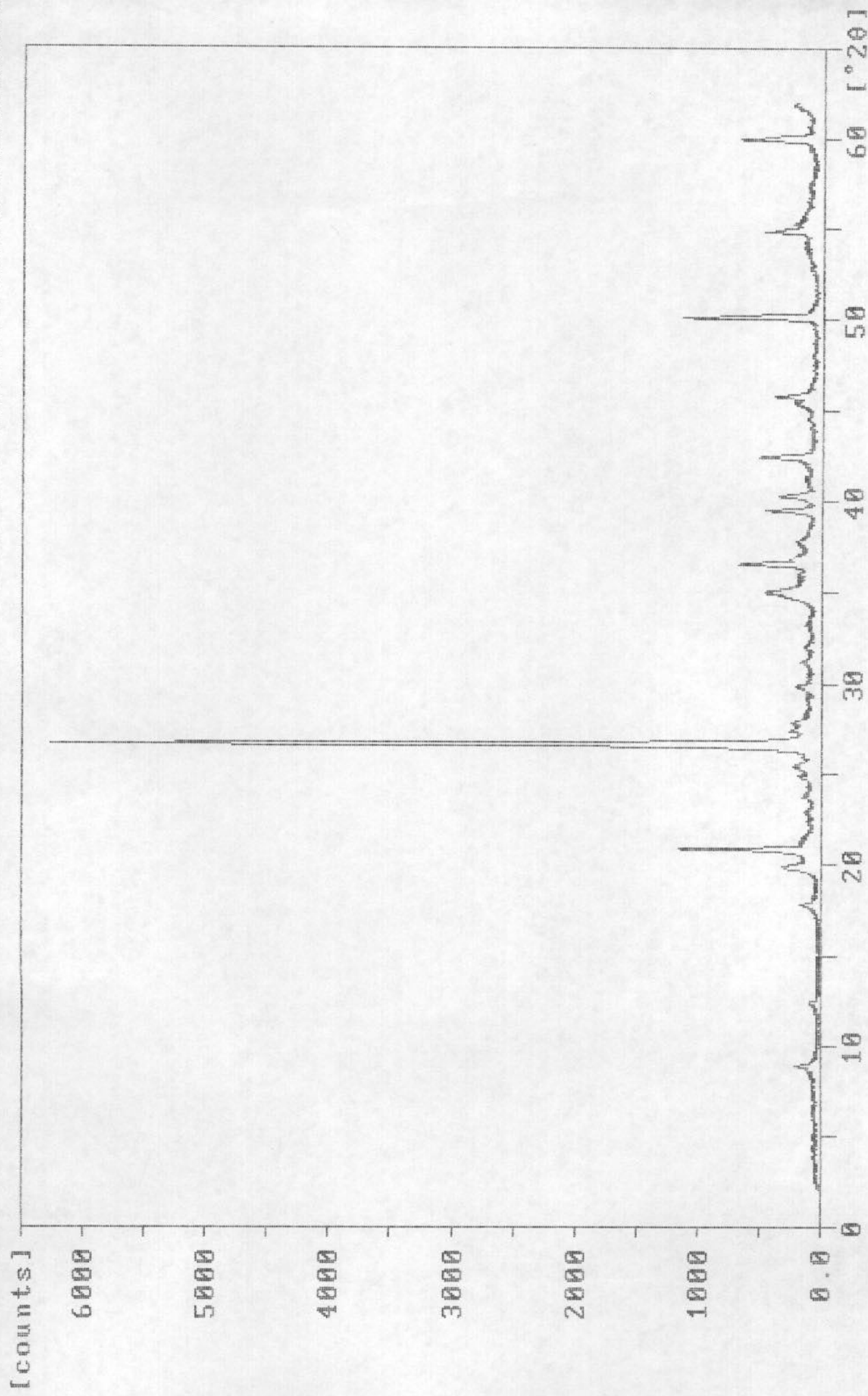


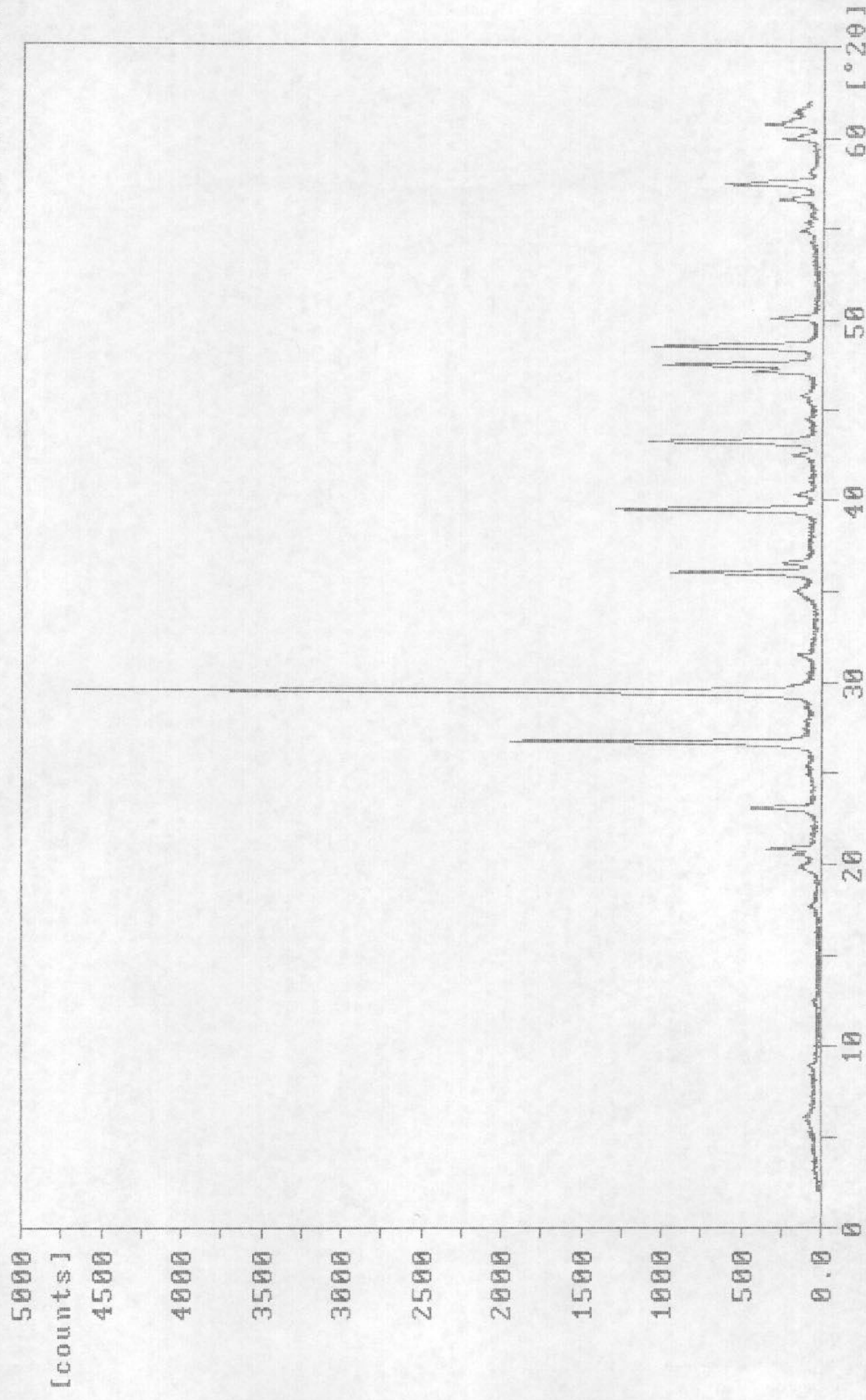




Sample identification: H0JA-15-9 HE-0108

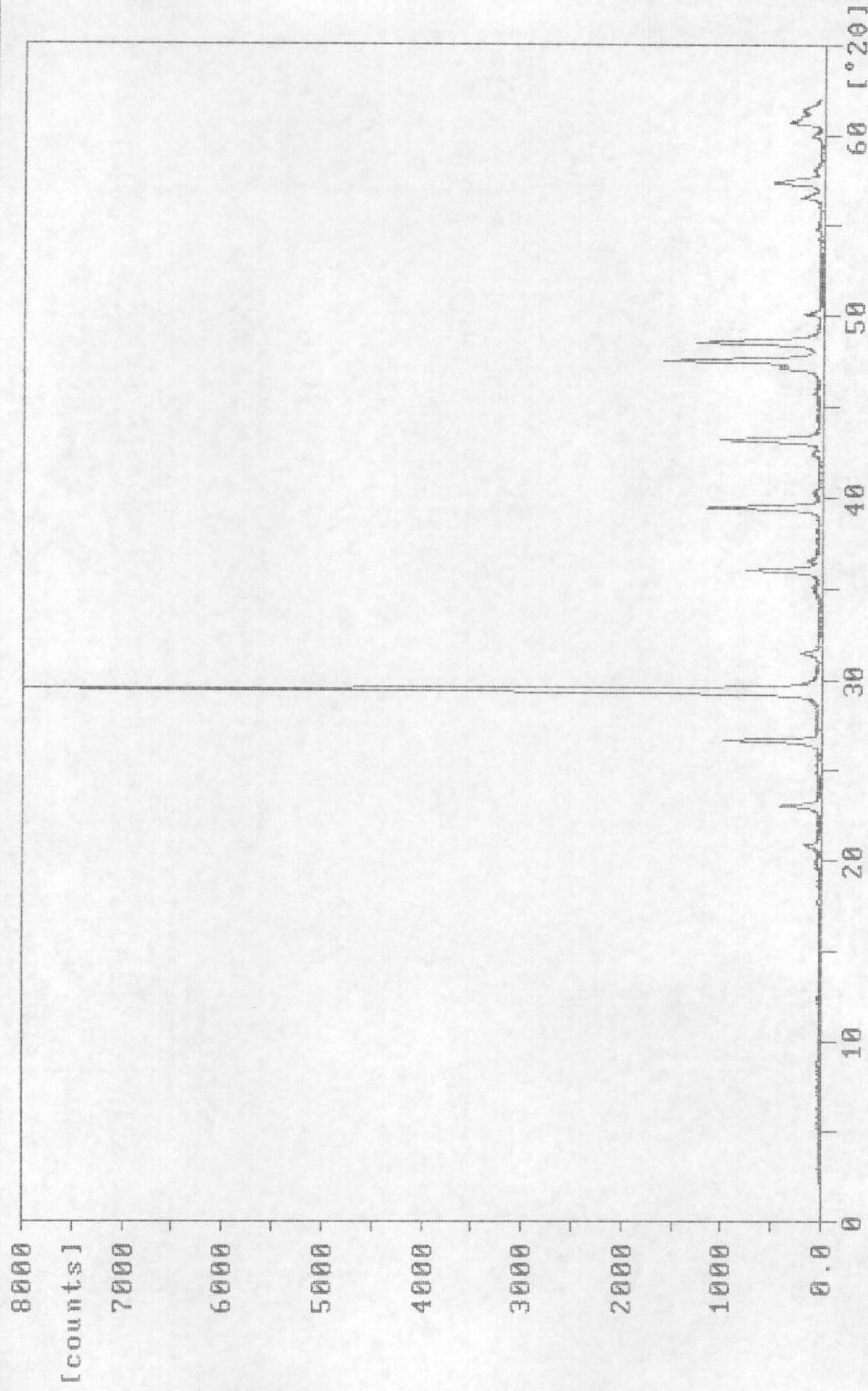
12-apr-1993 11:14



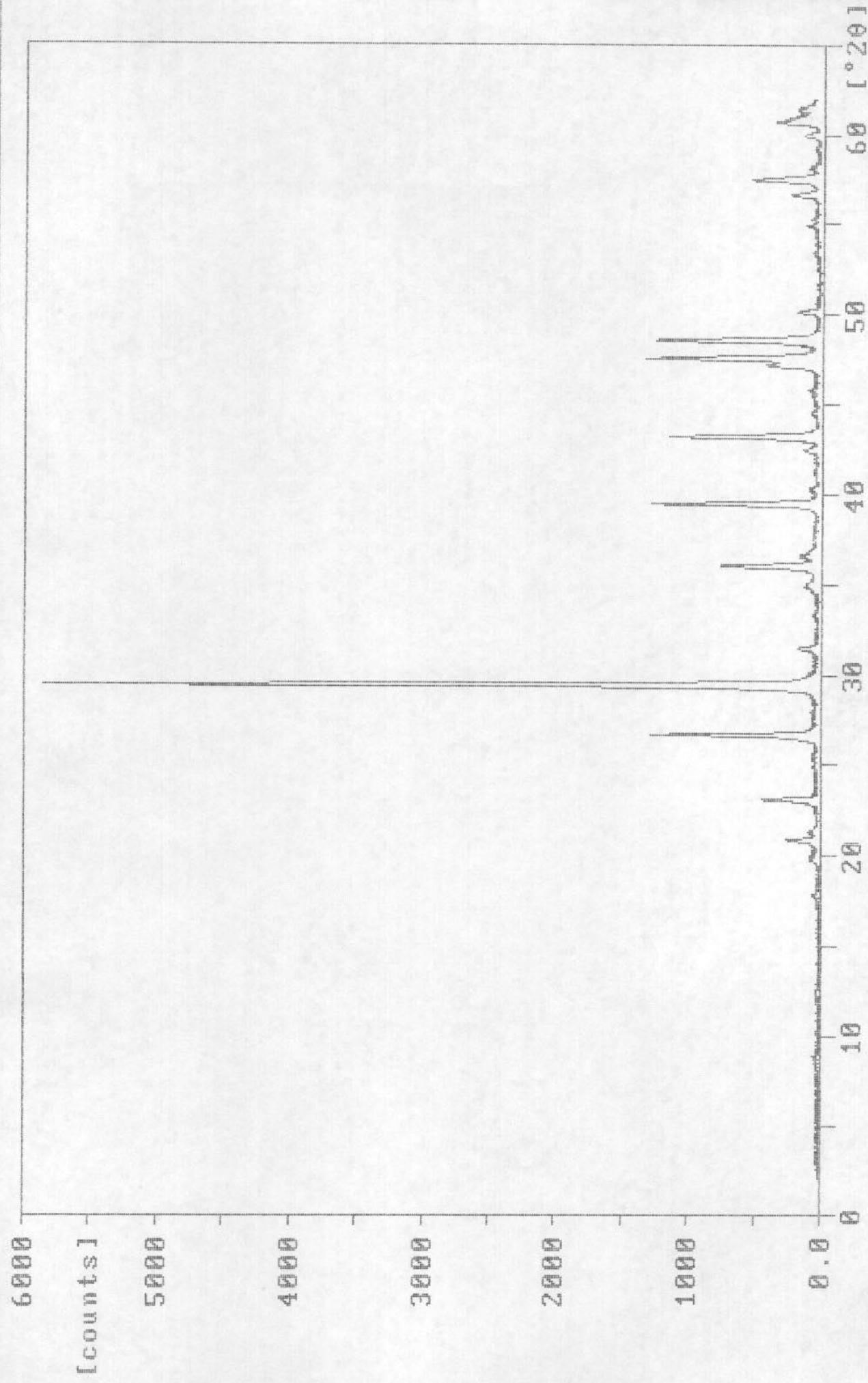


Sample identification: H0JA-13-9 HE-0105

20-apr-1993 11:11

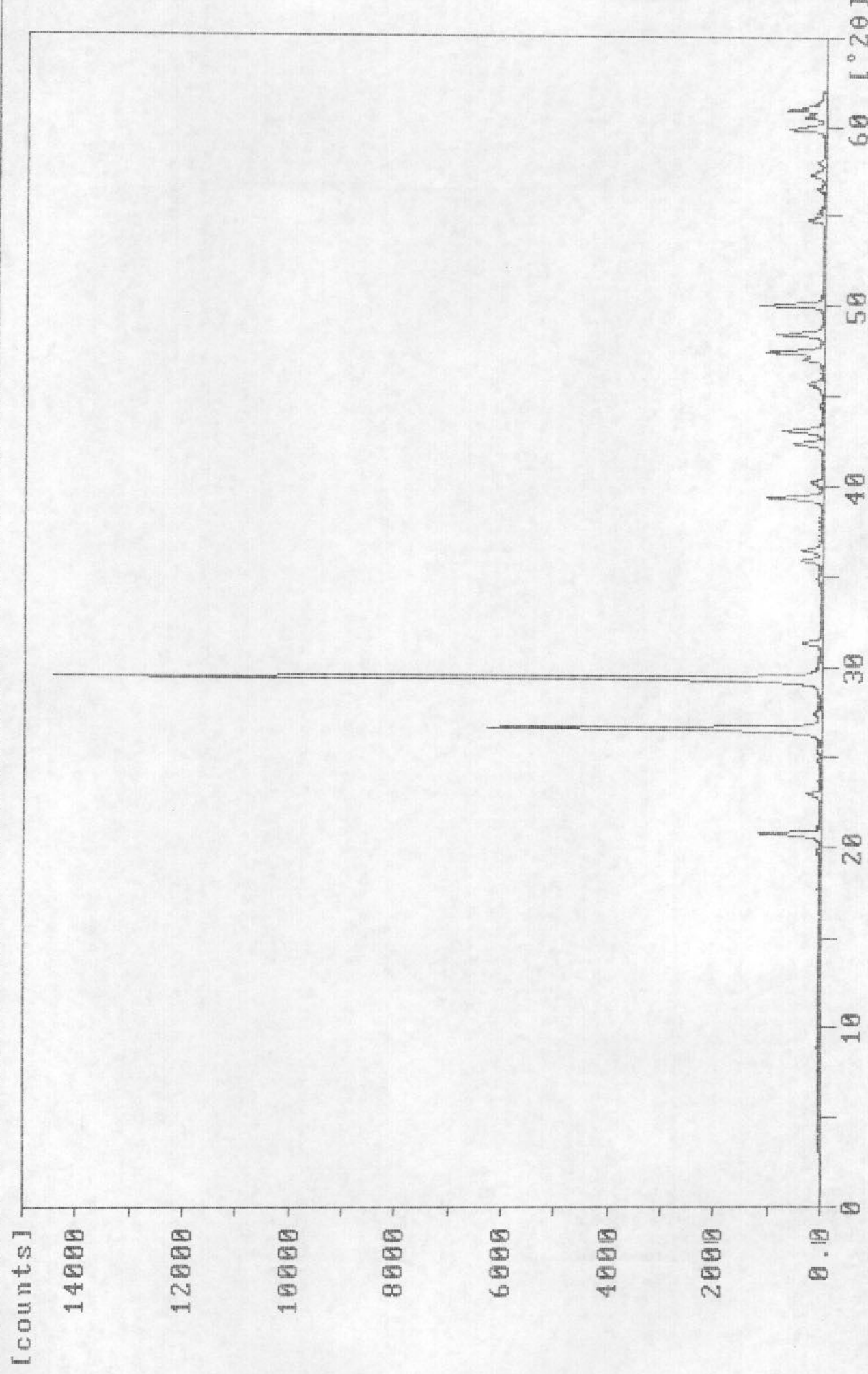


H0JA139H.RD

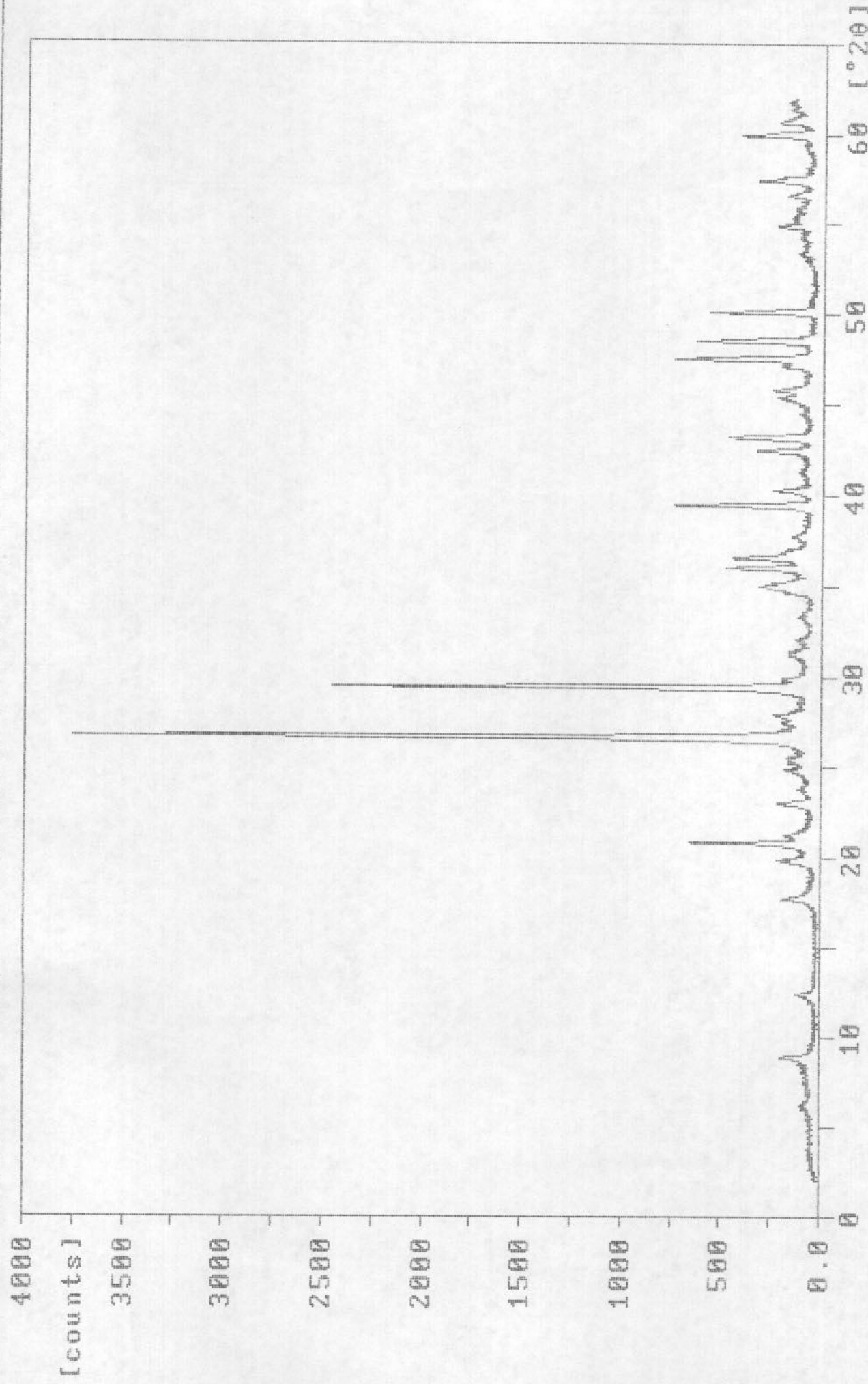


Sample identification: H0JA-15-9 HE-0103

12-apr-1993 13:19

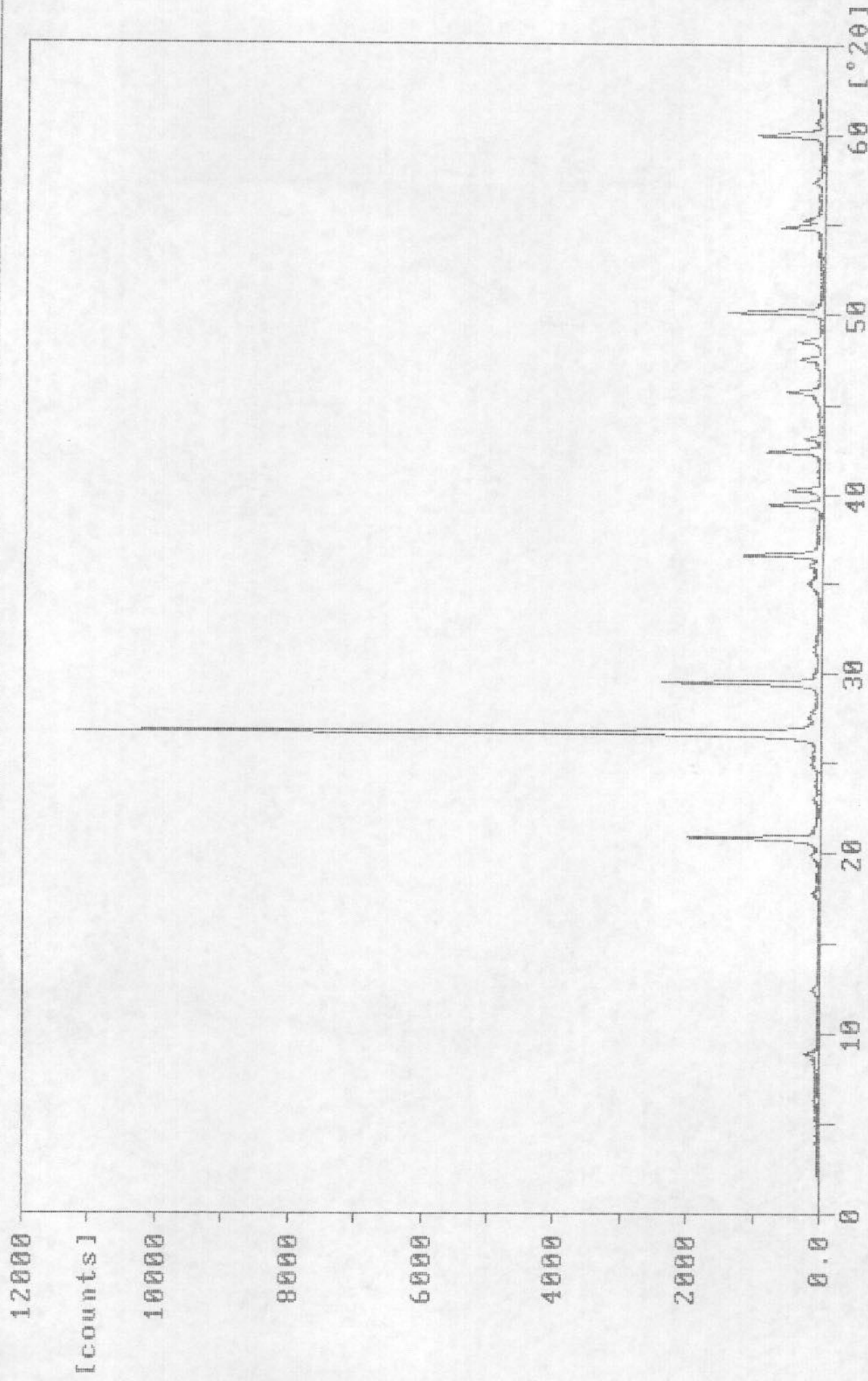


000-42.RD



Sample identification: HOJA-13-9 HE-0102

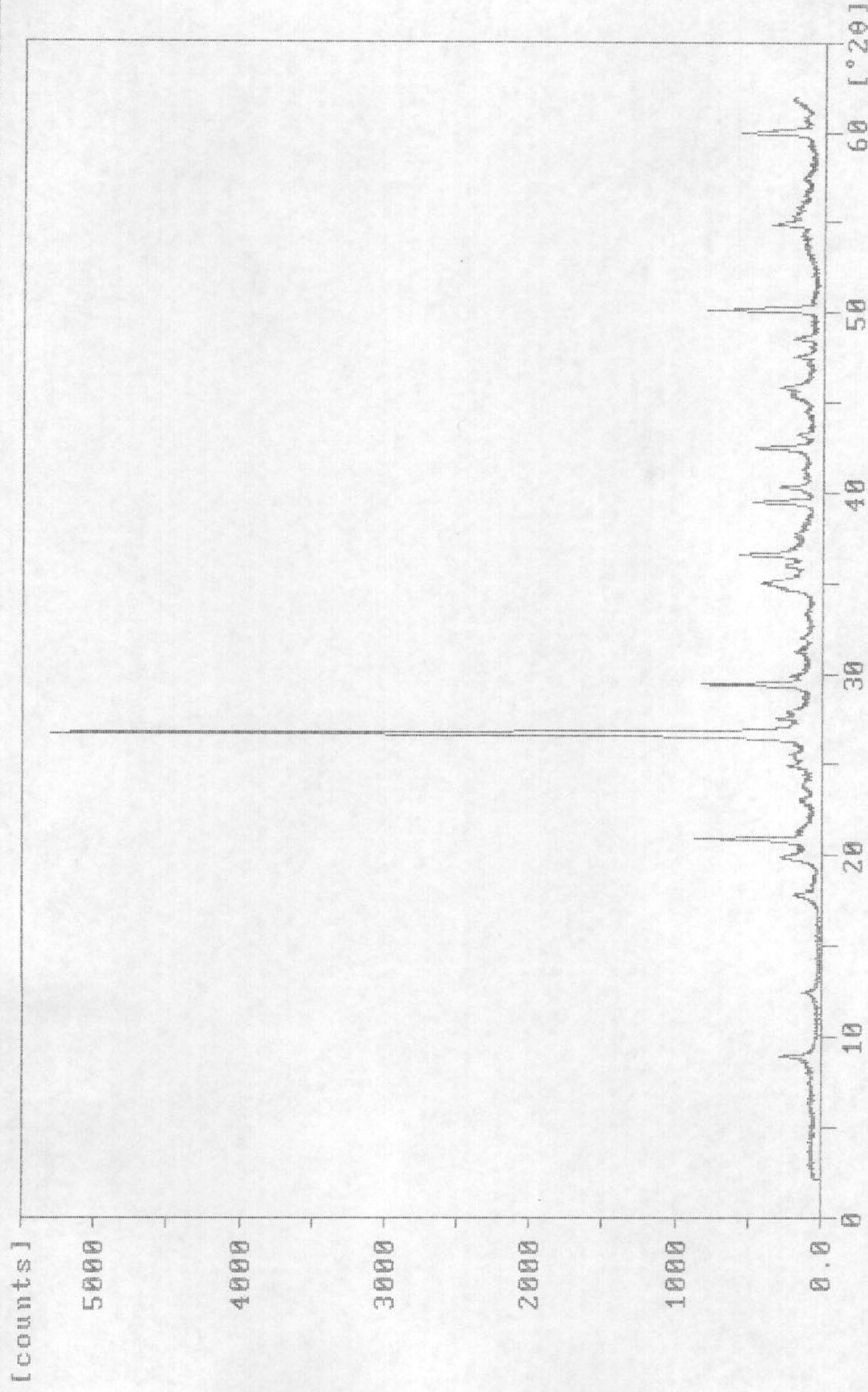
19-apr-1993 13:44



080-2.RD

Sample identification: H0JA-15-9 HE-0101

22-apr-1993 9:15



000-40.RD

