MINISTERIO DE INDUSTRIA
DIRECCION GENERAL DE MINAS
E INDUSTRIAS DE LA CONSTRUCCION
INSTITUTO GEOLOGICO Y MINERO DE ESPAÑA

PLAN NACIONAL DE LA MINERIA
PLAN NACIONAL DE ABASTECIMIENTO
DE MATERIAS PRIMAS NO ENERGETICAS

INVESTIGACION MINERA DE LAS SIERRAS DE ANCARES - CAUREL

(Bloque centro)



TOMO IV

PROSPECCION GEOQUIMICA

SIERRA ANCARES

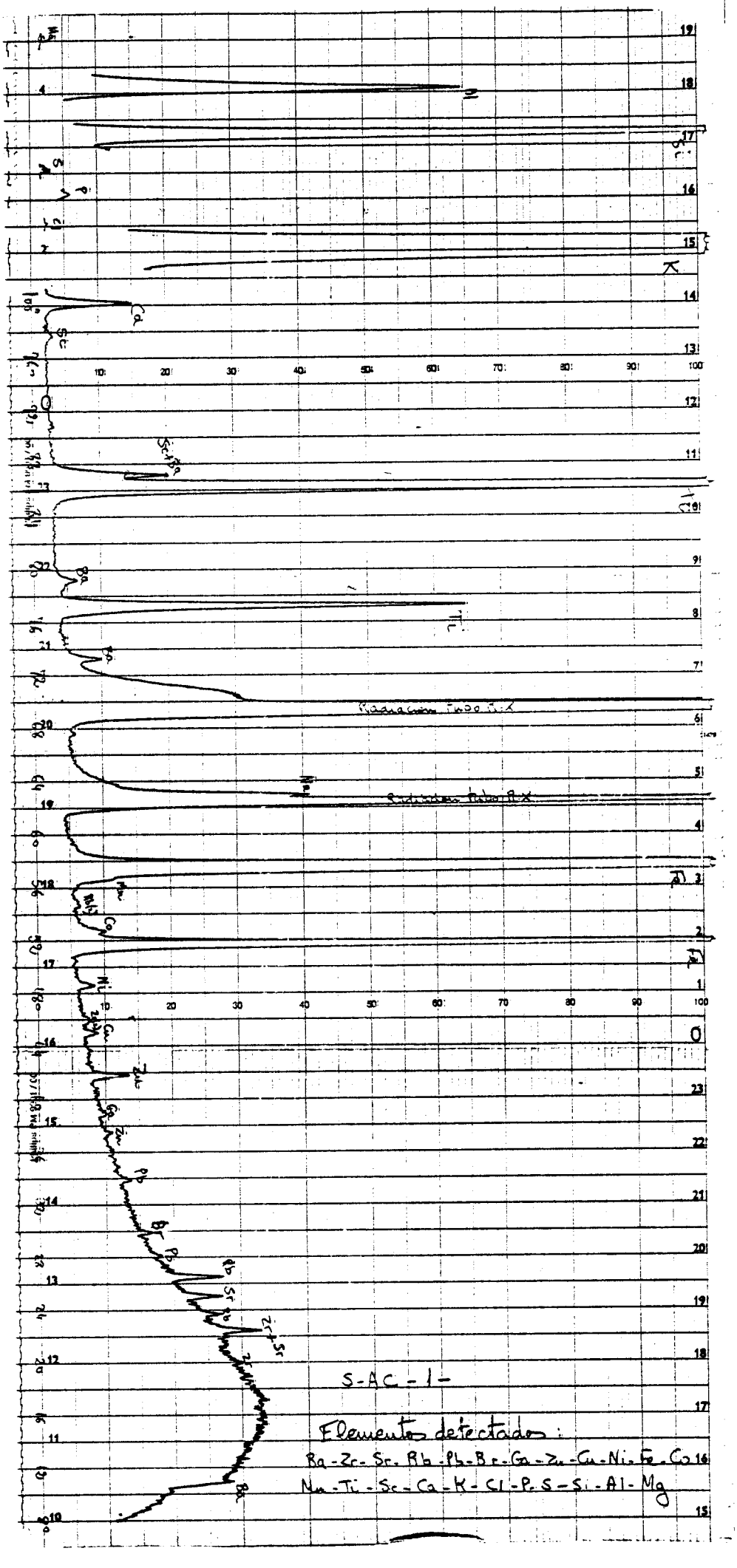
ANEXO

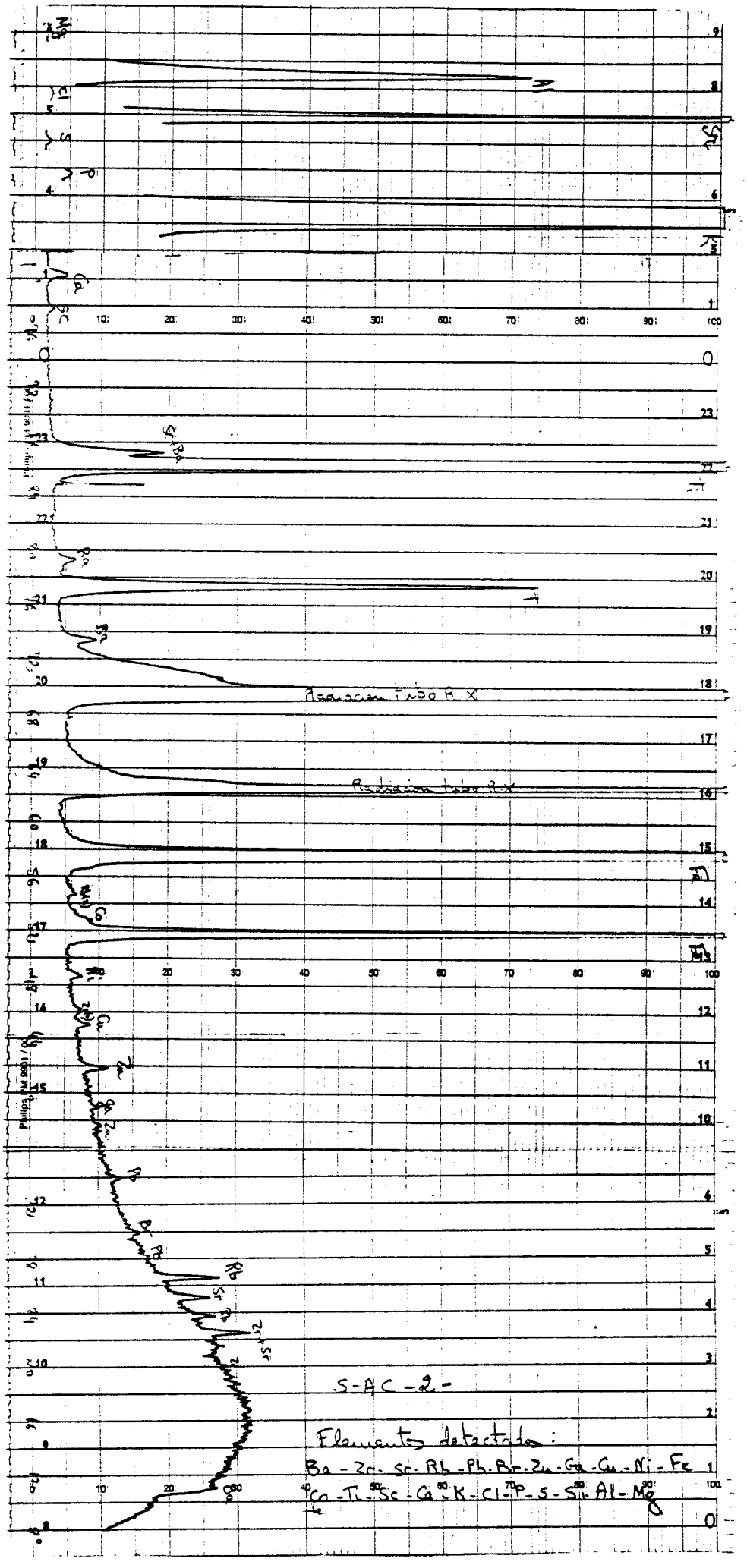
PROSPECCION GEOQUIMICA EN SIERRA ANCARES

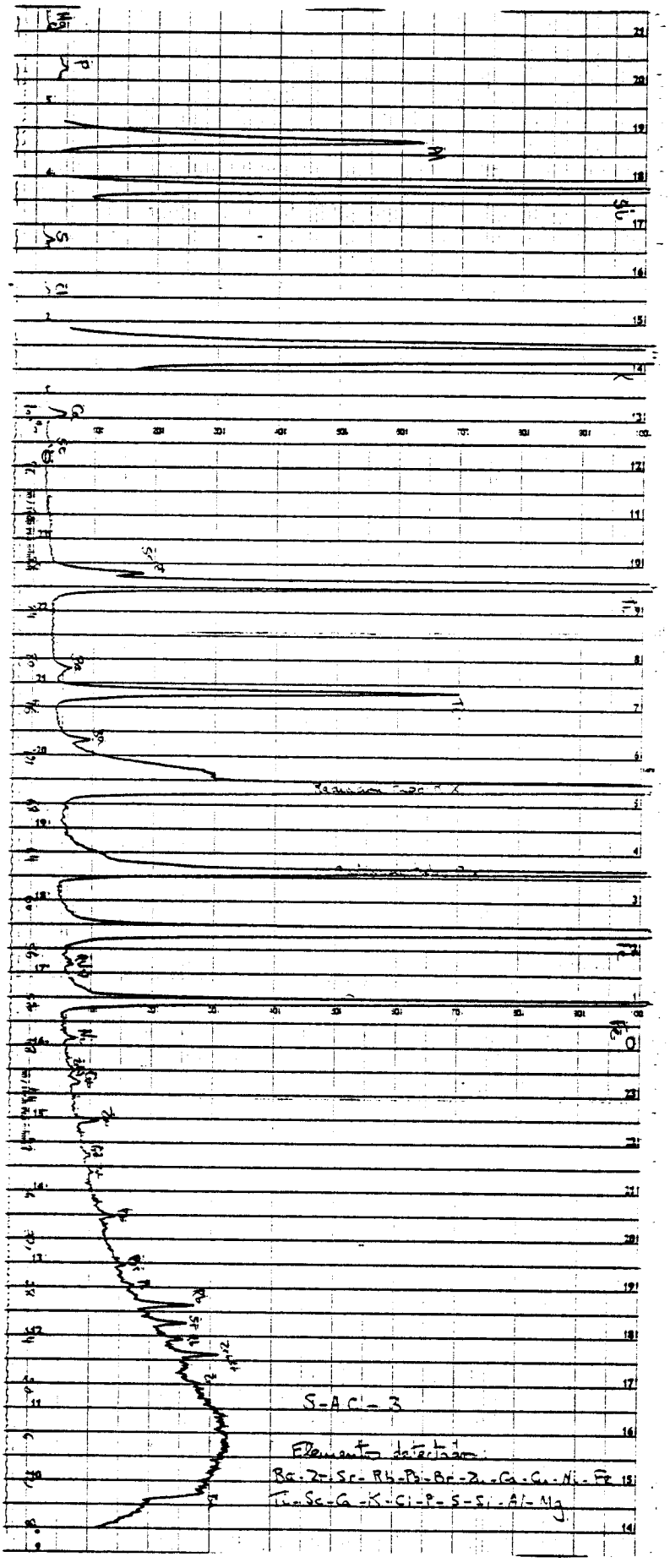
ANEXO

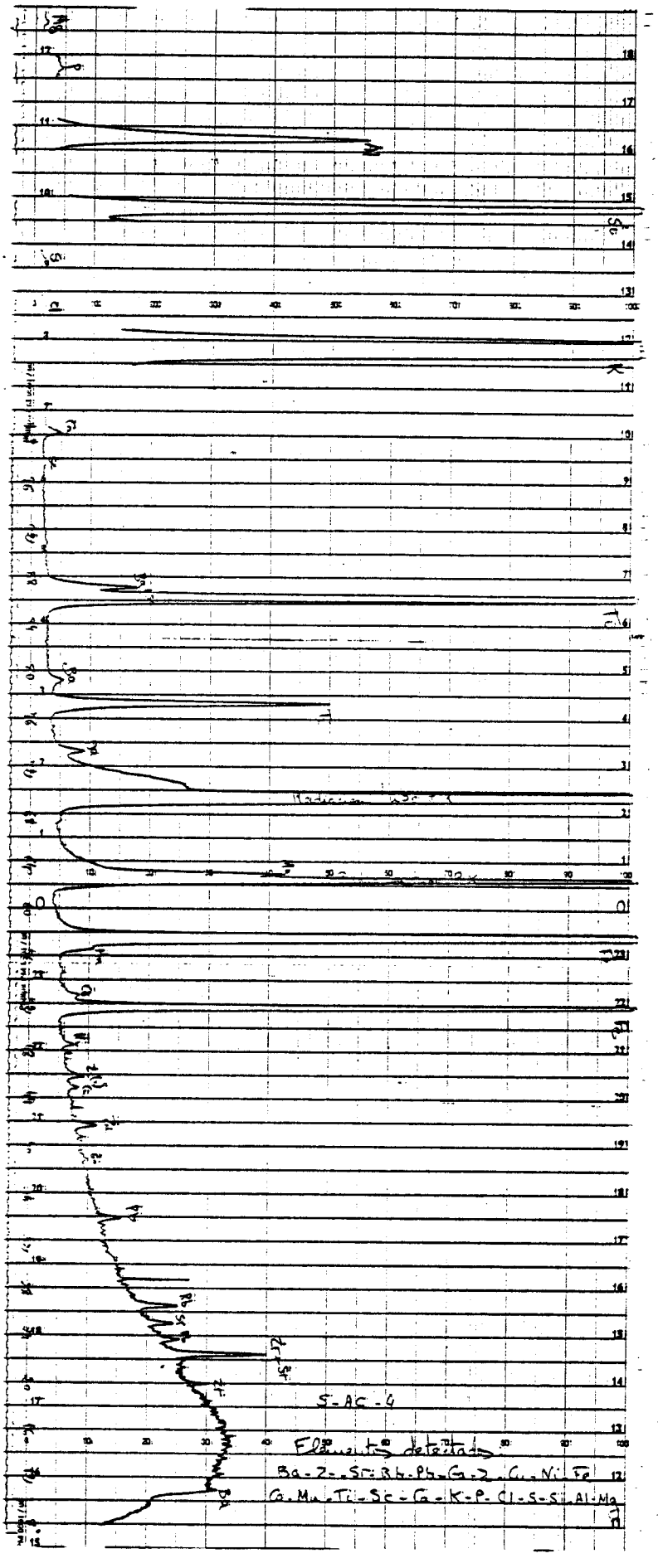
Barridos de Fluorescencia de Rayos X. Nº 1 a 700

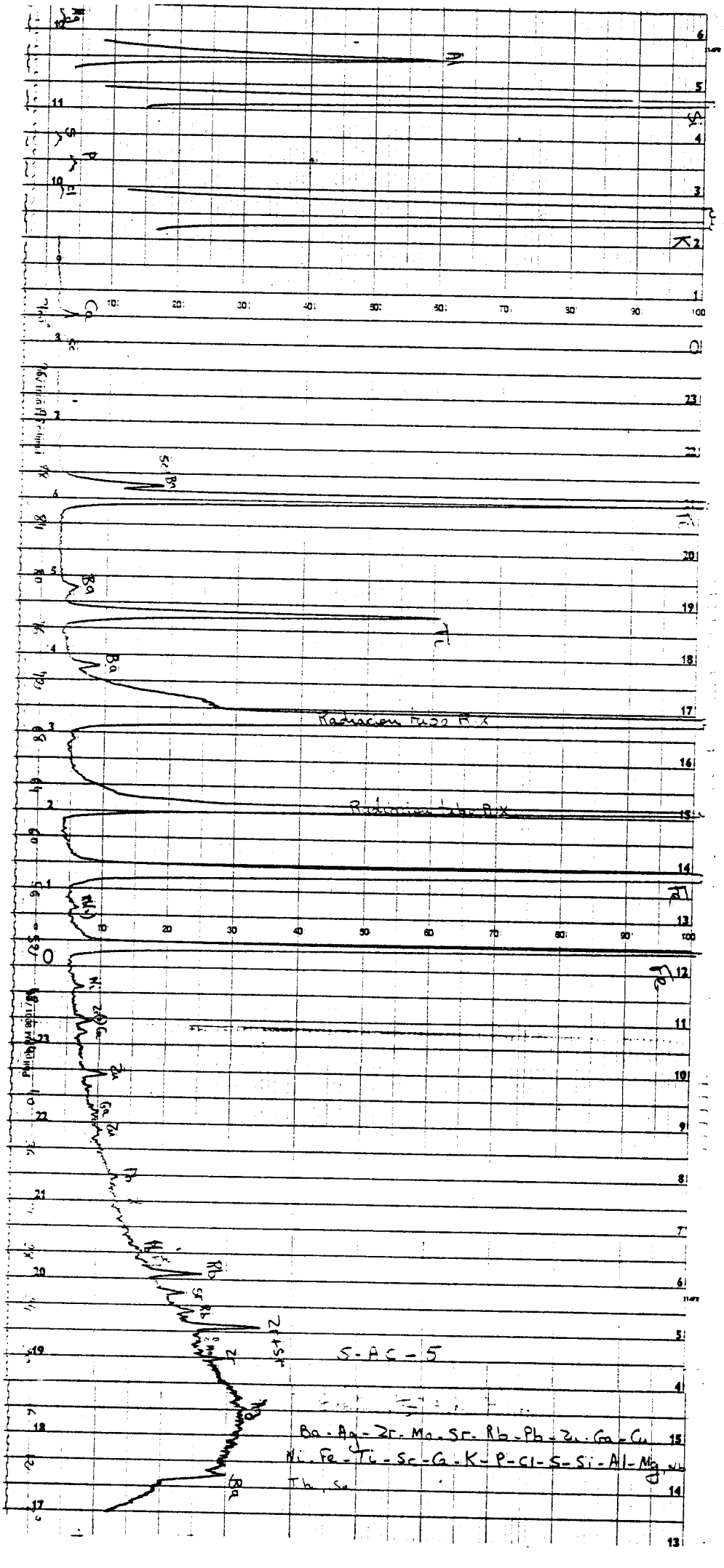
Este estudio ha sido realizado por la Empresa Nacional ADARO de Investigaciones Mineras, S.A. (E.N.A.D.I.M.S.A.) en régimen de contratación con el Instituto Geológico y Minero de España.


S-AC-1-
Elementos detectados:
Ba-Zr-Sr-Rb-Pb-Br-Ga-Zn-Cu-Ni-Fe-Co
Mn-Ti-Sc-Ca-K-Cl-P-S-Si-Al-Mg

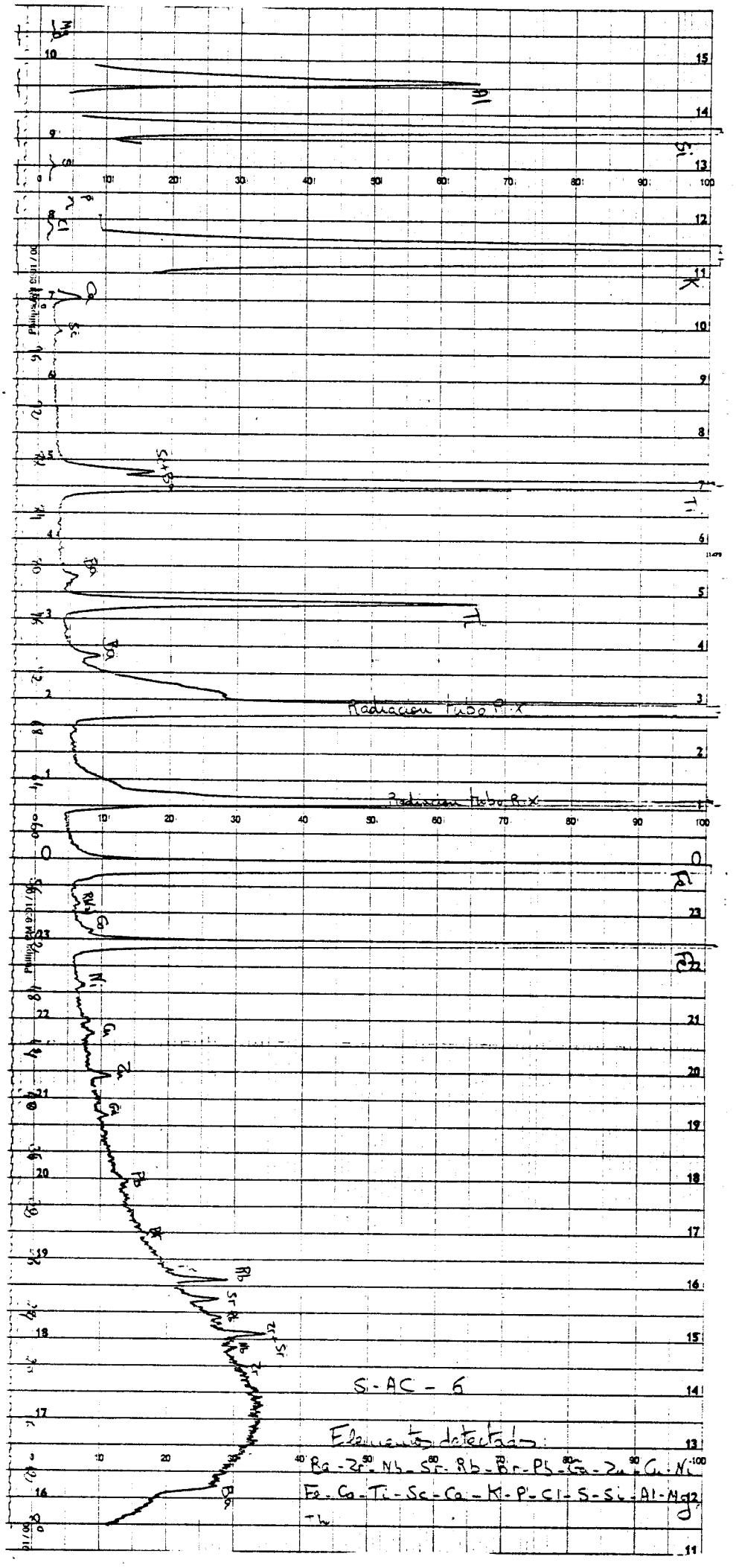

Radiacion Tubo R-X
Radiacion tubo R-X
S-AC-2-
Elementos detectados:
Ba - Zr - Sr - Rb - Pb - Br - Zn - Ga - Cu - Ni - Fe
Co - Ti - Sc - Ca - K - Cl - P - S - Si - Al - Mg

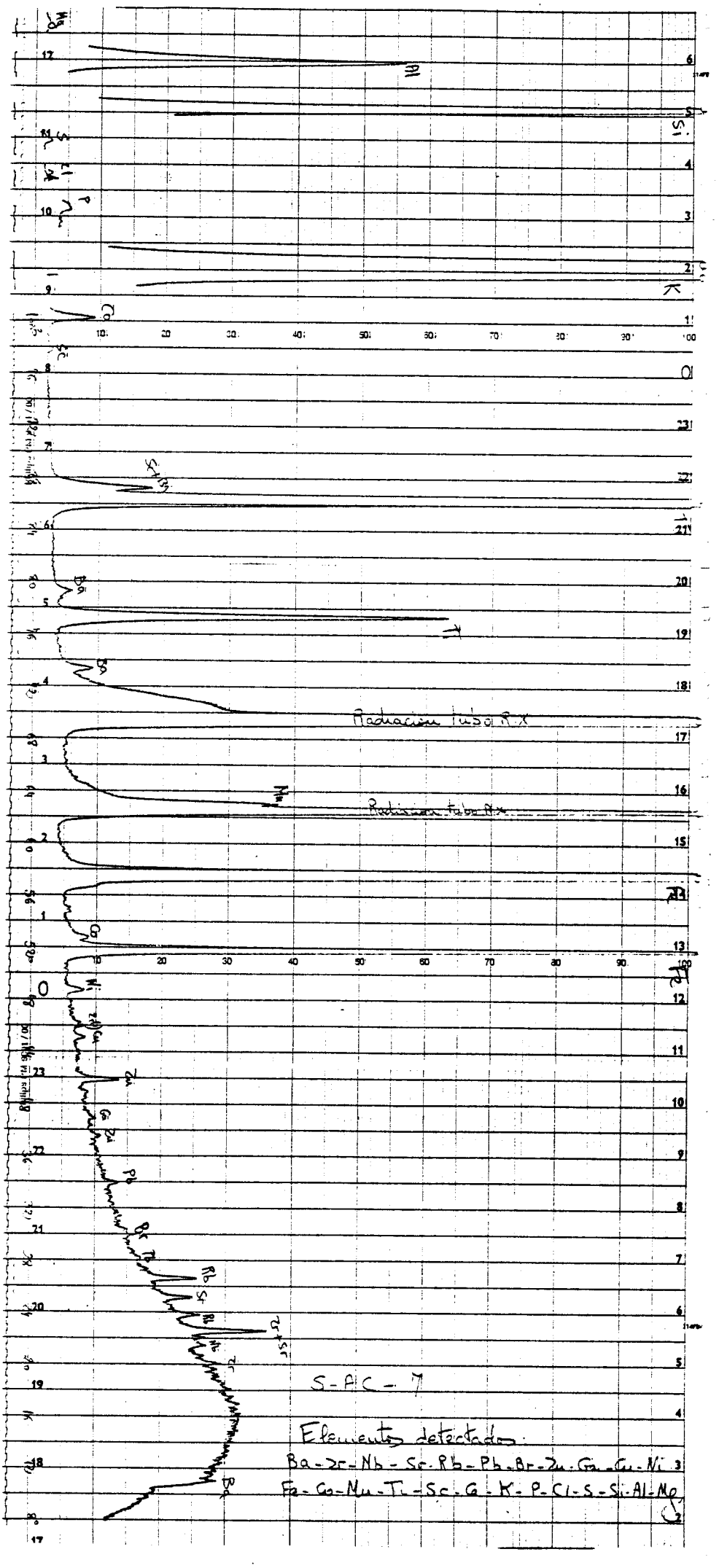

S-AC-3
Elements detected:
Ba-Zr-Sr-Rb-Pb-Br-Zn-Cu-Ni-Fe
Th-Sc-Ca-K-Cl-P-S-Si-Al-Mg

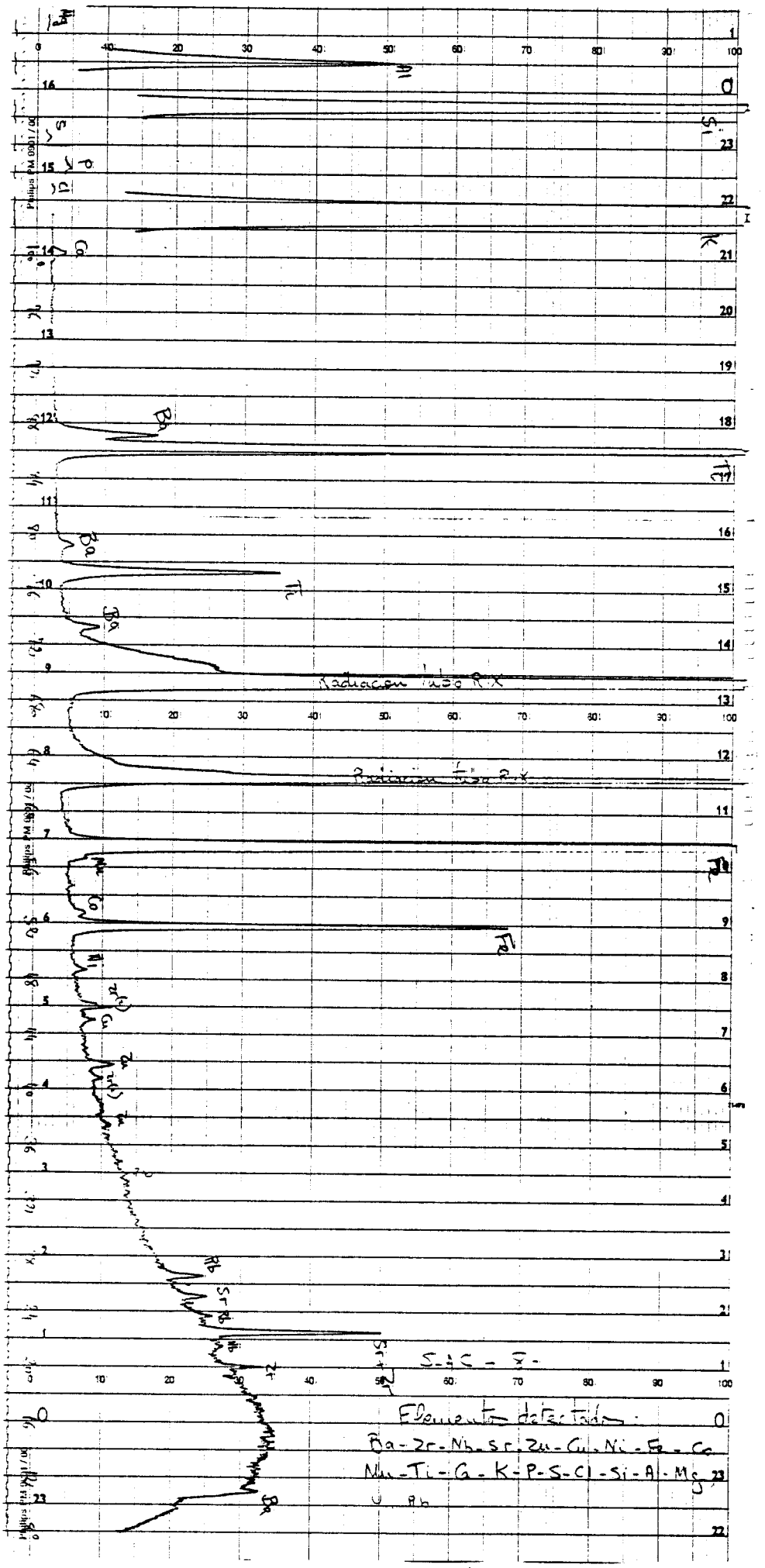

S-AC-6
Elementos detetados:
Ba-Zr-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe
Co-Mn-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg

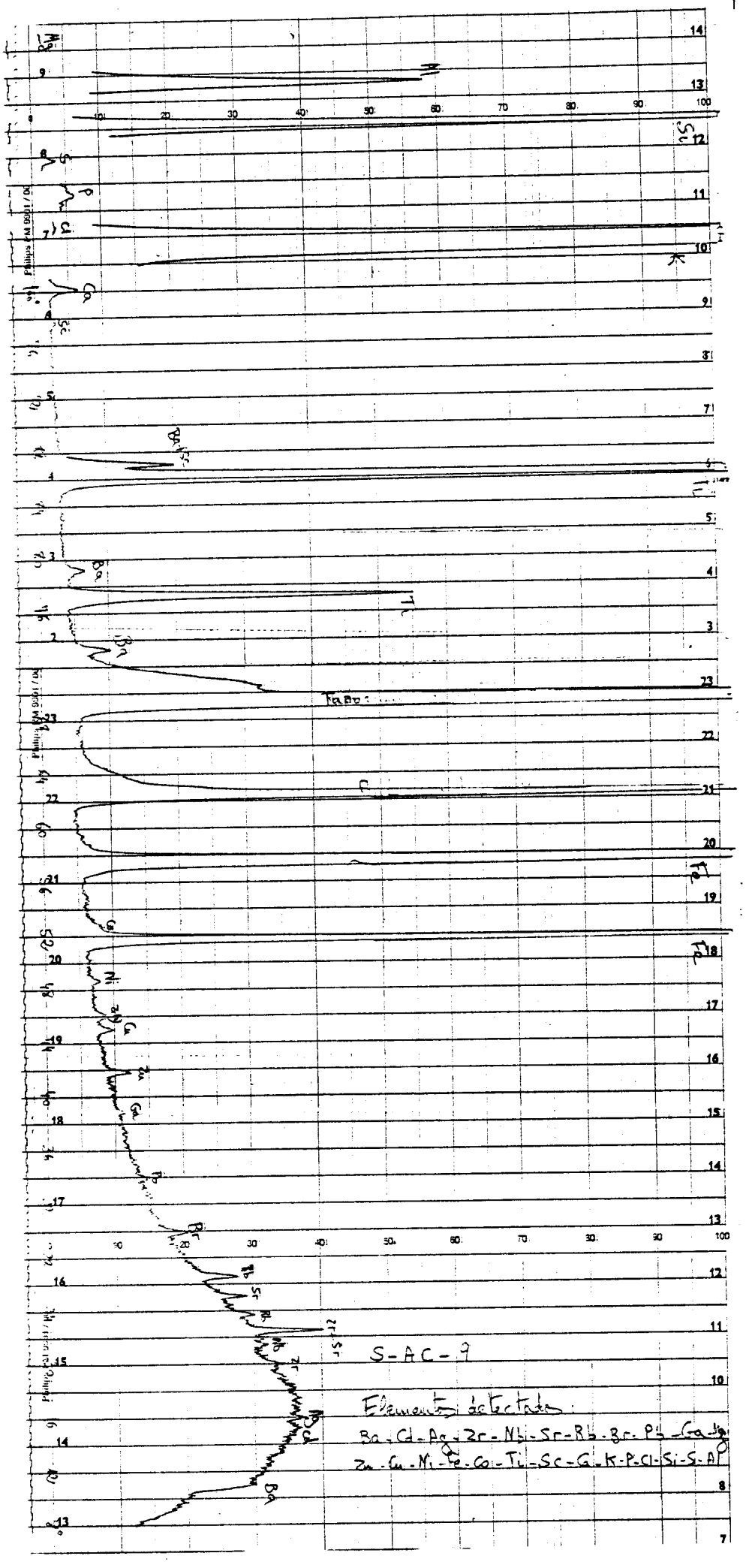


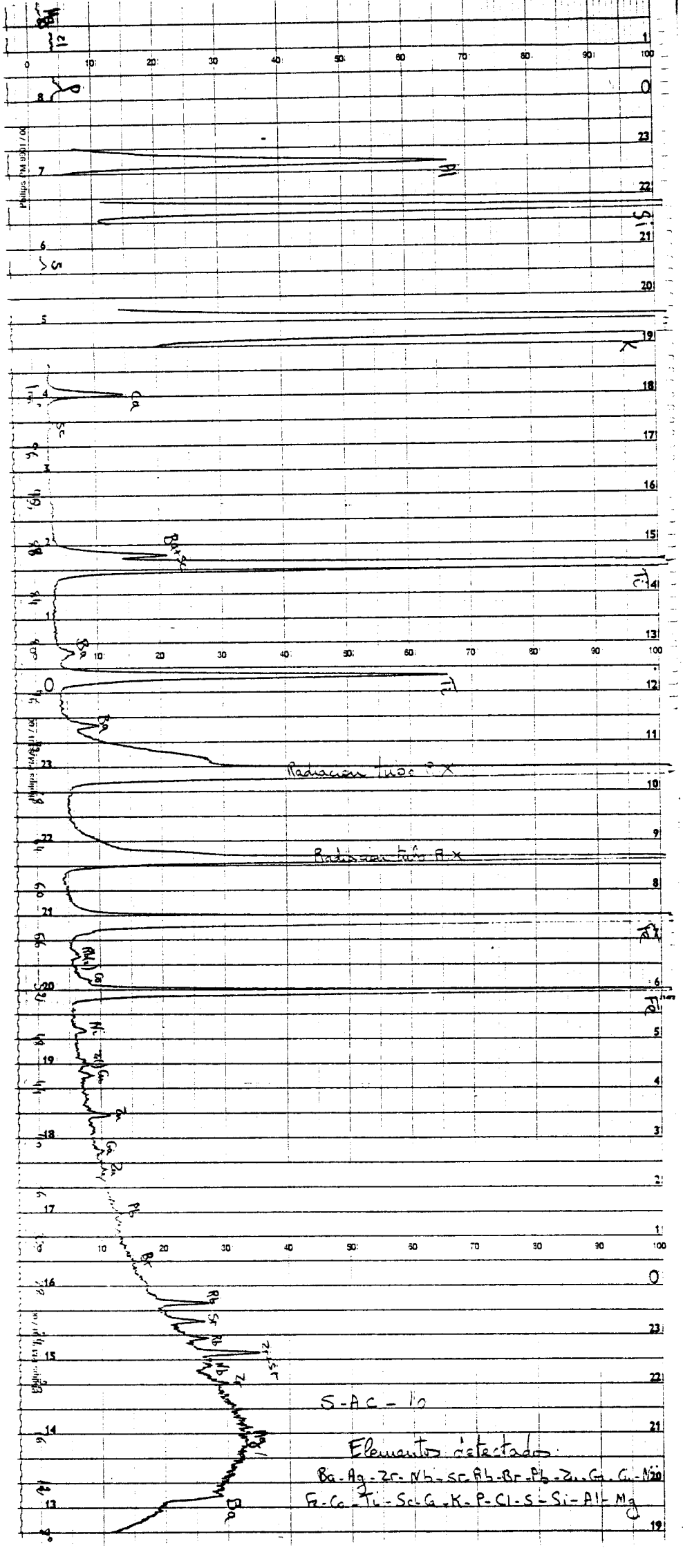
Radiacion tubo R-X
Radiacion tubo R-X
S-AC-5
Ba - Ag - Zr - Mo - Sr - Rb - Pb - Zn - Ga - Cu
Ni - Fe - Ti - Sc - Ca - K - P - Cl - S - Si - Al - Mg, Nb
Th, Se

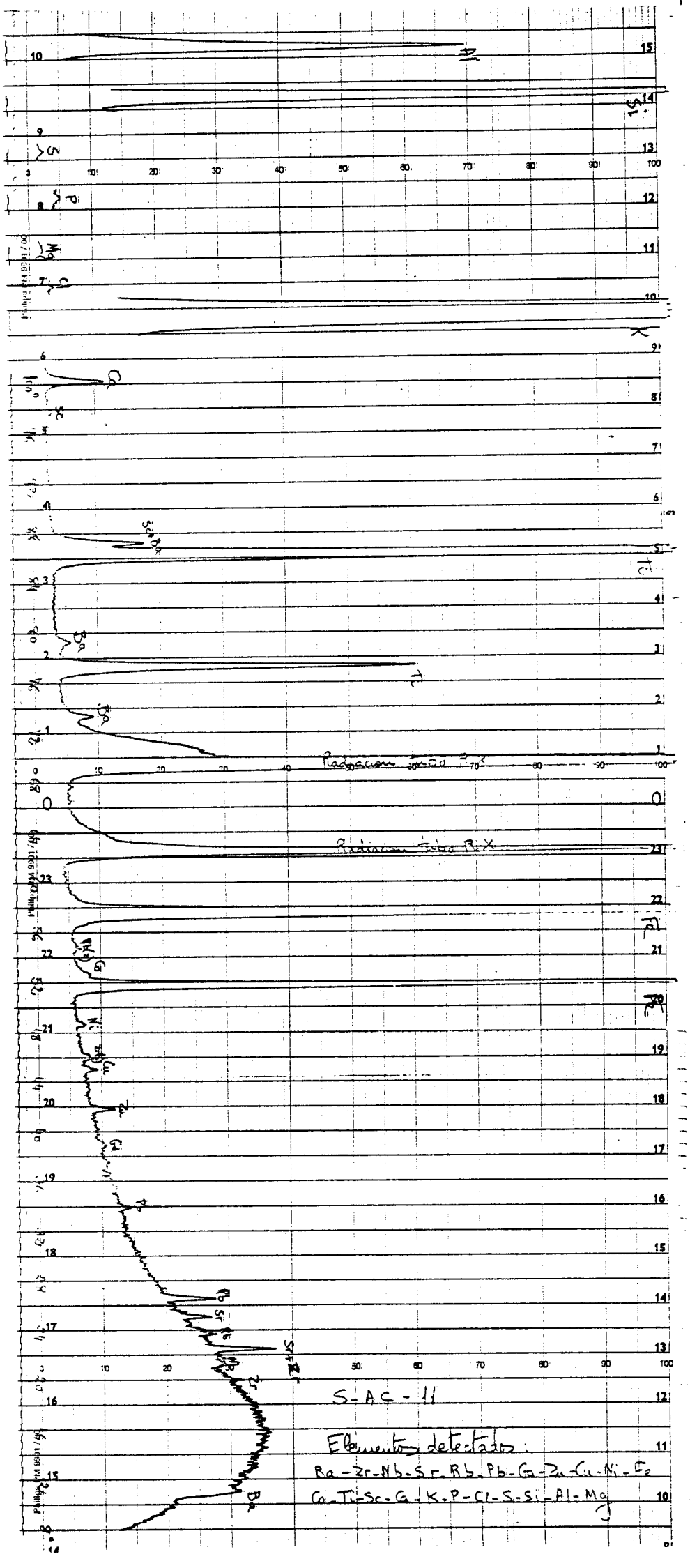

Radiacion Tubo 1 X
Radiacion Tubo 8 X
S-AC-6
Elementos detectados:
Ba - Zr - Nb - Sr - Rb - Br - Pb - Cu - Zn - Cr - Ni
Fe - Ca - Ti - Sc - Cl - K - P - S - Si - Al - Mg

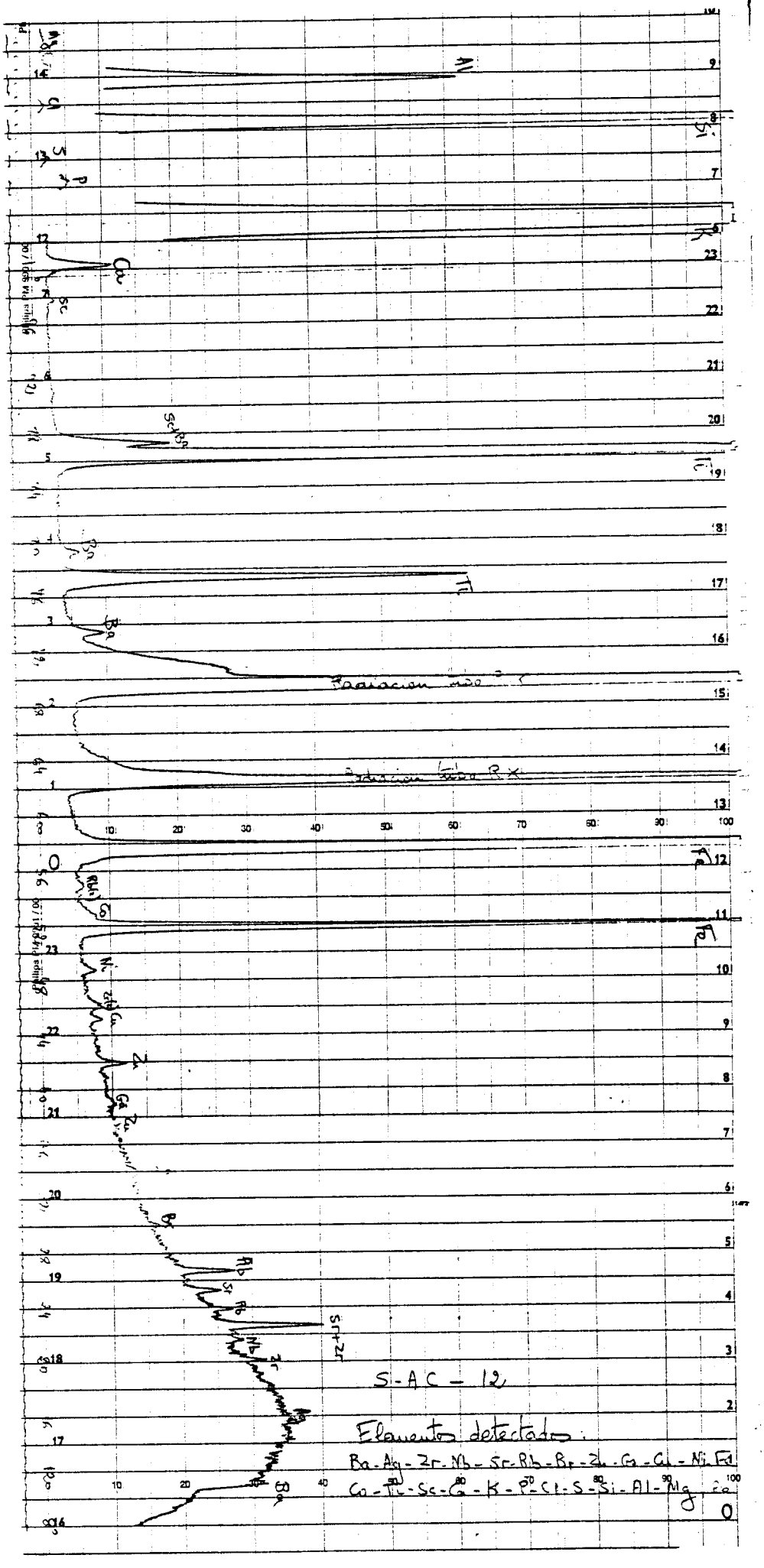

Radiacion tubo R-X
Radiacion tubo R-X
S-AC-7
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Br-Zn-Ga-Cu-Ni
Fe-Co-Mn-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg

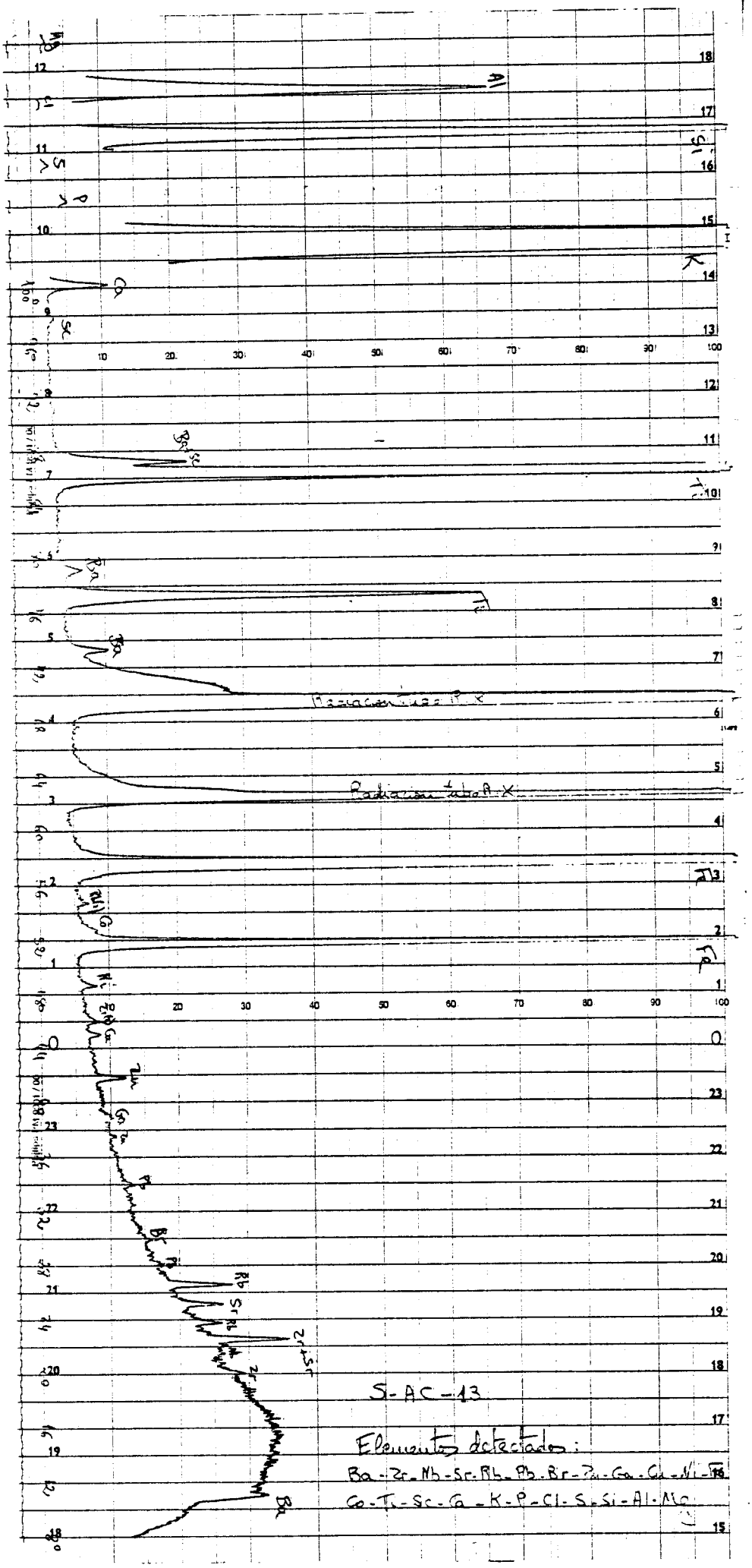

Ba
Ba
Ba

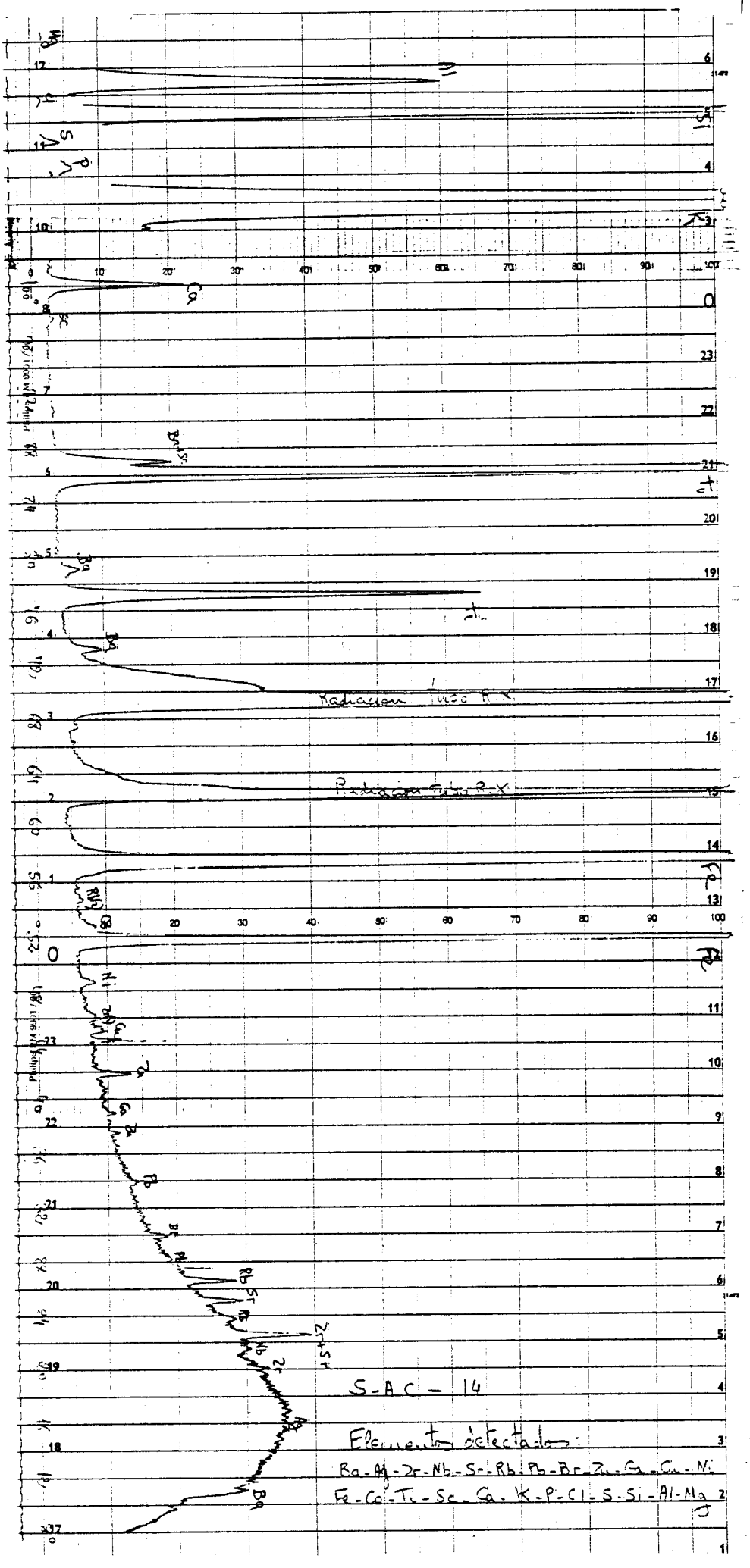

S-AC-9
Elementos detectados:
Ba - Cd - Ag - Zr - Nb - Sr - Rb - Br - Pb - Ga - Mg
Zn - Cu - Ni - Fe - Co - Ti - Sc - Ca - K - P - Cl - Si - S - Al

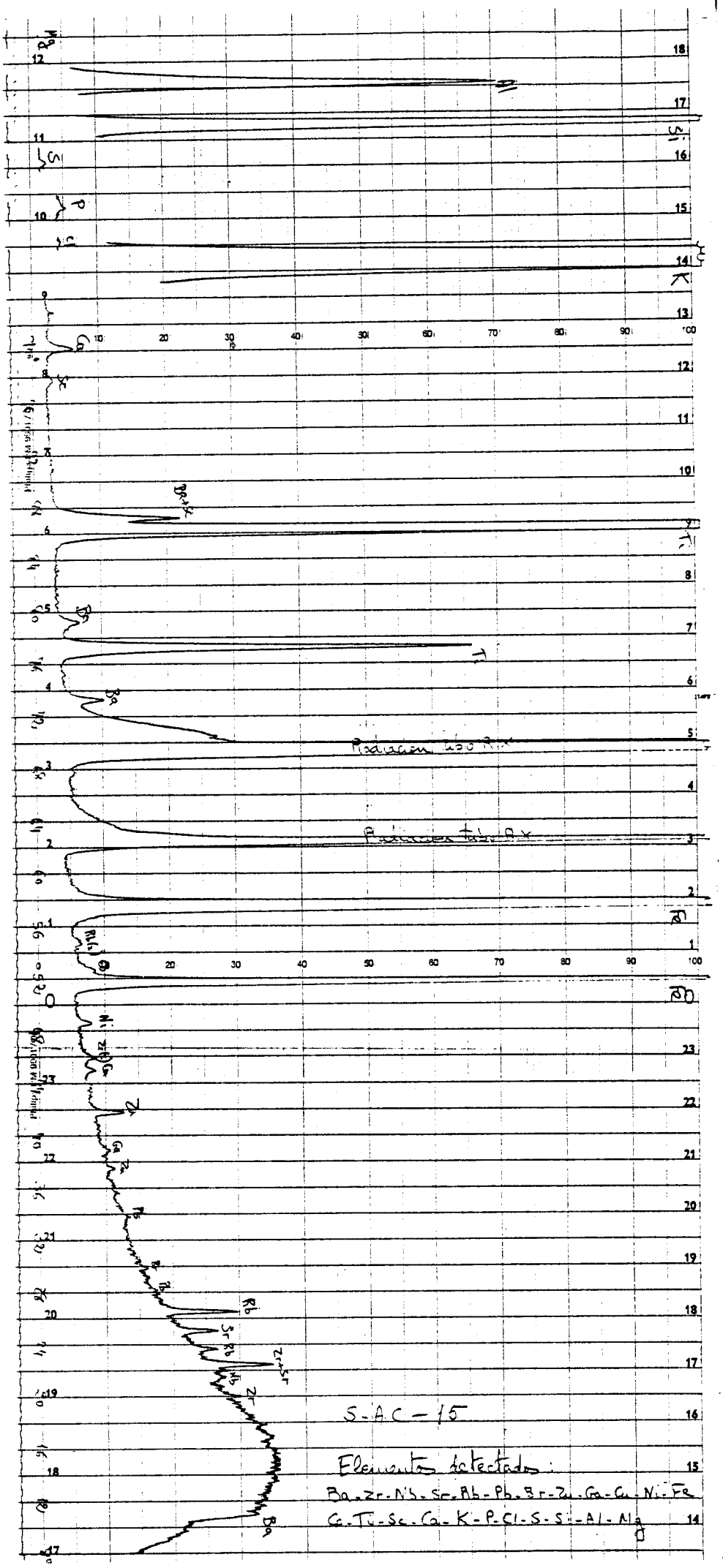

Radiacion tubo P X
Radiacion tubo A X
S-AC-10
Elementos detectados:
Ba-Ag-Zr-Nb-Sr-Rb-Br-Pb-Zn-Ga-Cu-Ni
Fe-Co-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg

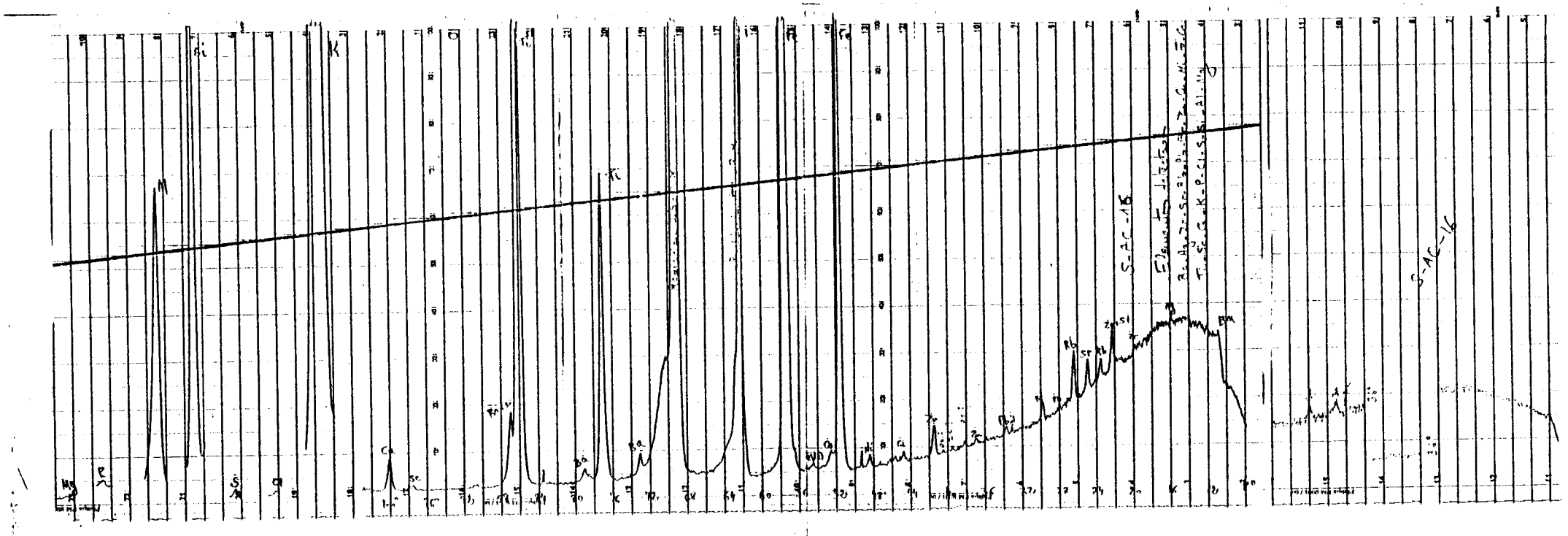

Al
Si
S
P
Mg
Cl
K
Ca
Sc
Sc+Ba
Ti
Ba
Ti
Ba
Radiacion tubo R-X
O
O
Radiacion tubo R-X
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Sr+Zr
Zr
Ba
S-AC-11
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe
Ca-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg

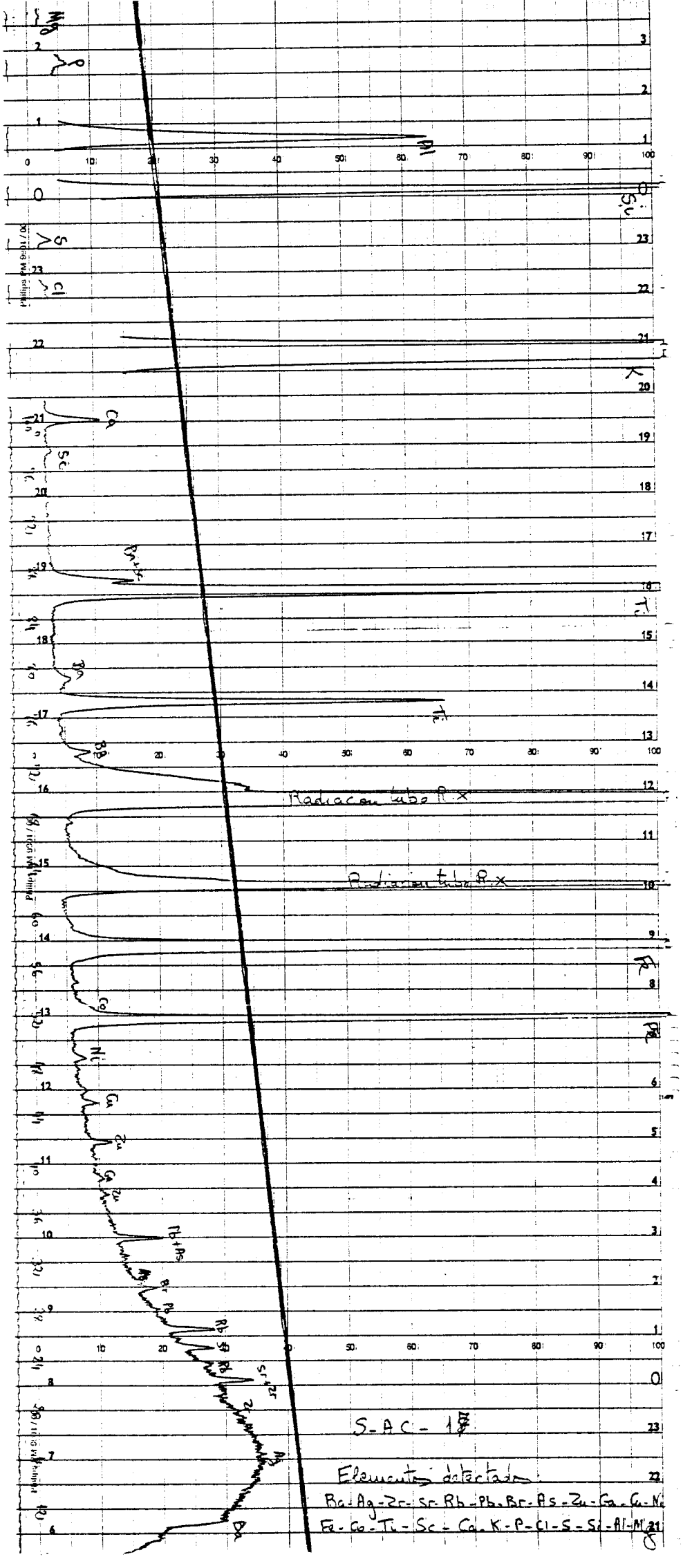

S-AC - 12
Elementos detectados:
Ba - Ag - Zr - Nb - Sr - Rb - Br - Zn - Ga - Cu - Ni - Fe
Co - Ti - Sc - Ca - K - P - Cl - S - Si - Al - Mg - Fe

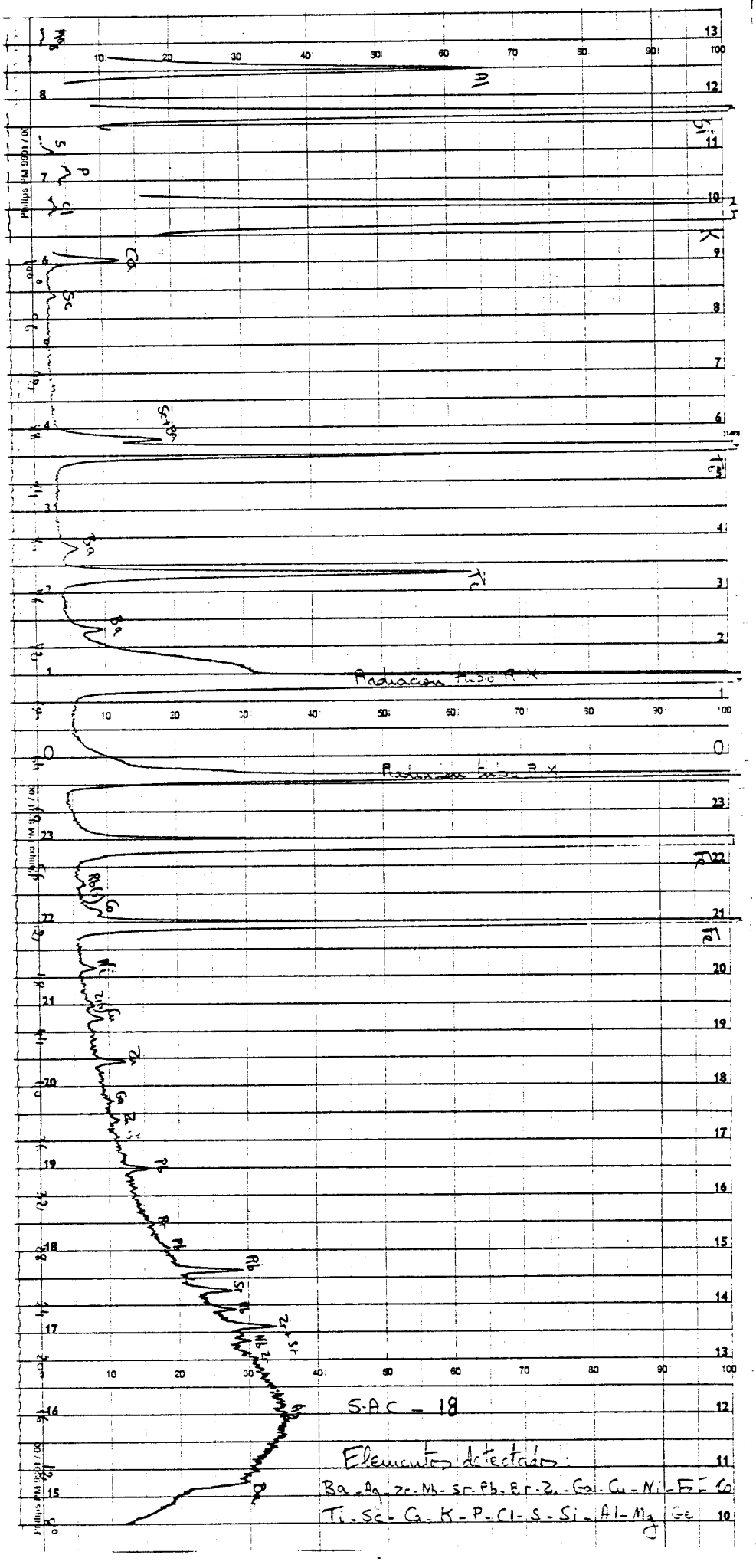

Radiación tubo R-X
Radiación tubo R-X
S-AC-13
Elementos detectados:
Ba - Zr - Nb - Sr - Rb - Pb - Br - Zn - Ga - Cu - Ni - Fe
Co - Ti - Sc - Ca - K - P - Cl - S - Si - Al - Mg

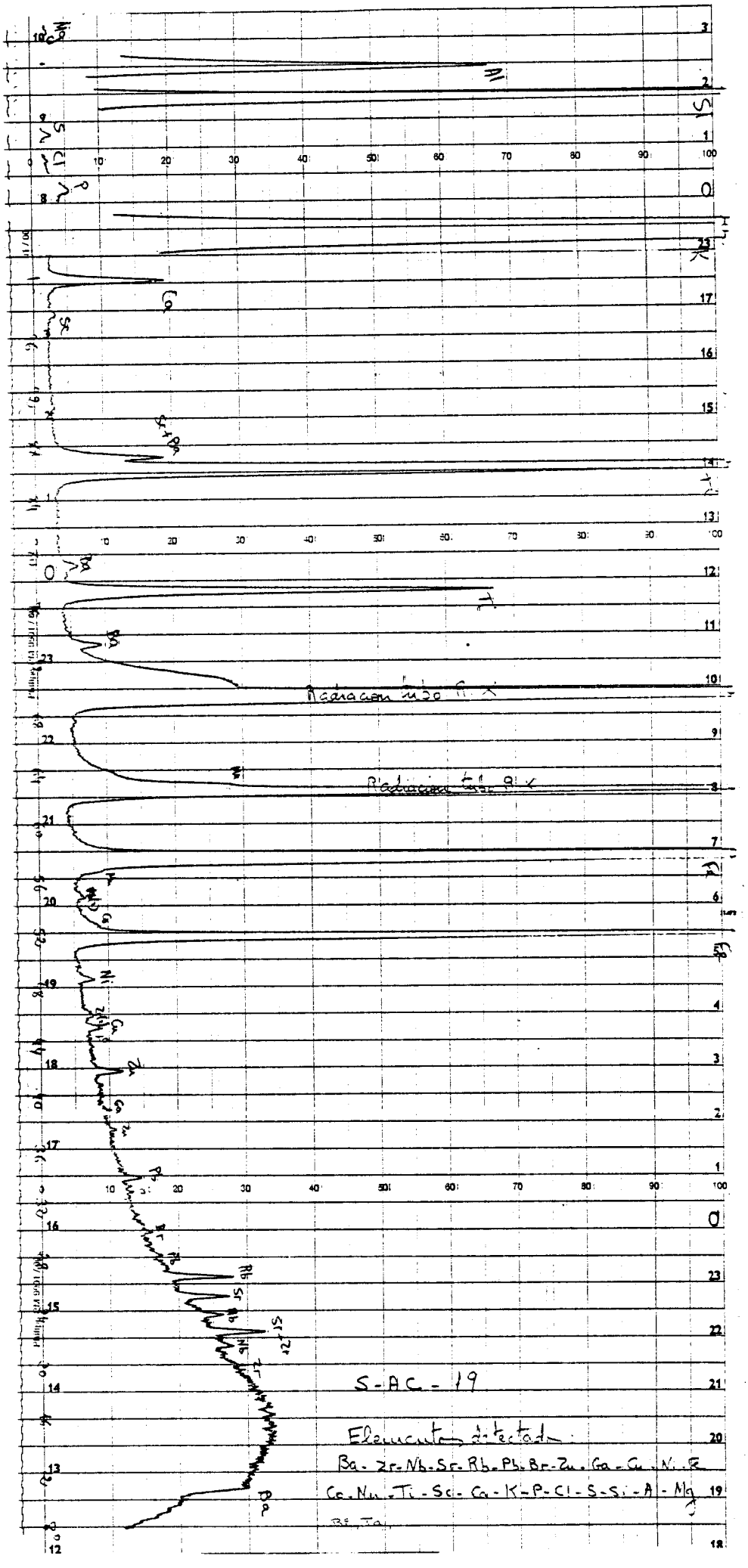

Radiacion tubo R-X
Radiacion tubo R-X
S-AC-14
Elementos detectados:
Ba-Ag-Zr-Nb-Sr-Rb-Pb-Br-Zn-Ga-Cu-Ni
Fe-Co-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg

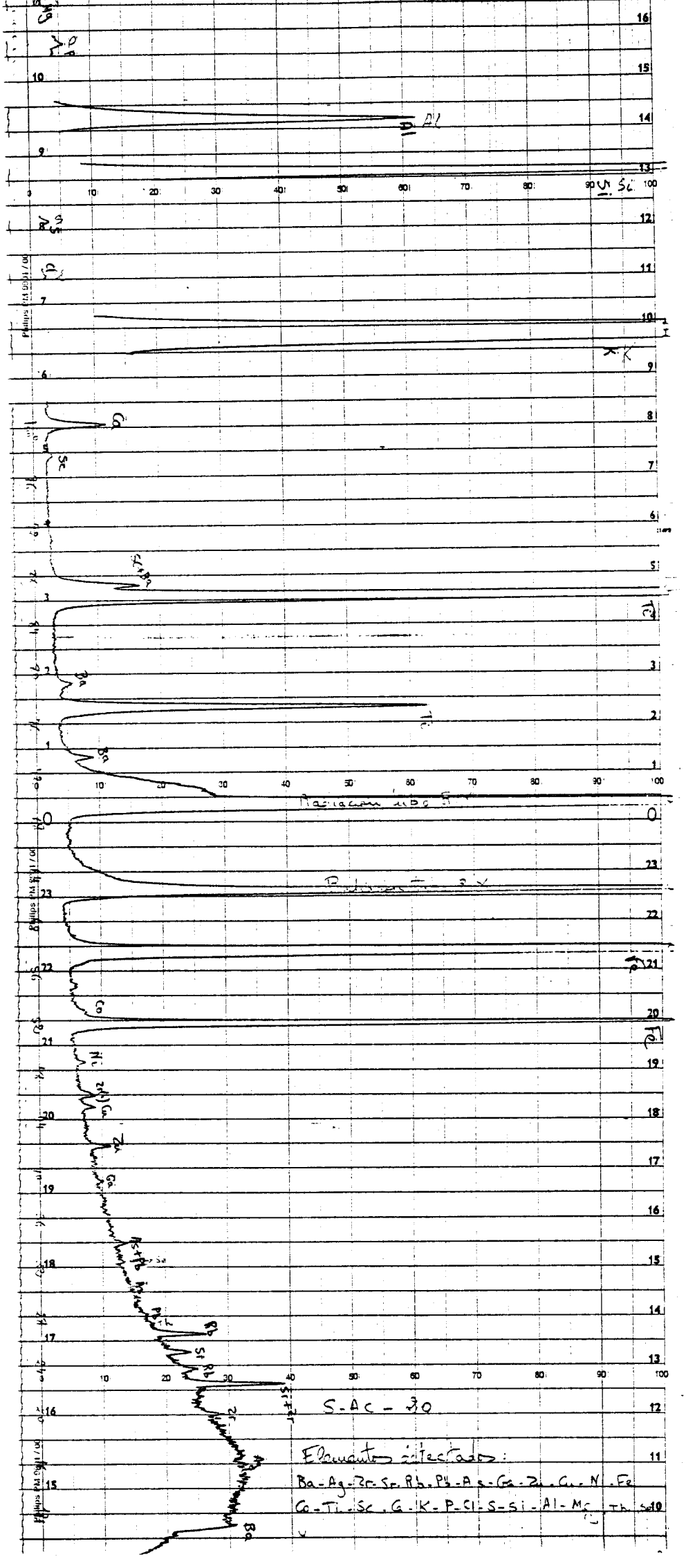

S-AC-15
Elementos detectados:
Ba - Zr - Nb - Sr - Rb - Pb - Br - Zn - Ga - Cu - Ni - Fe
Co - Ti - Se - Ca - K - P - Cl - S - Si - Al - Mg

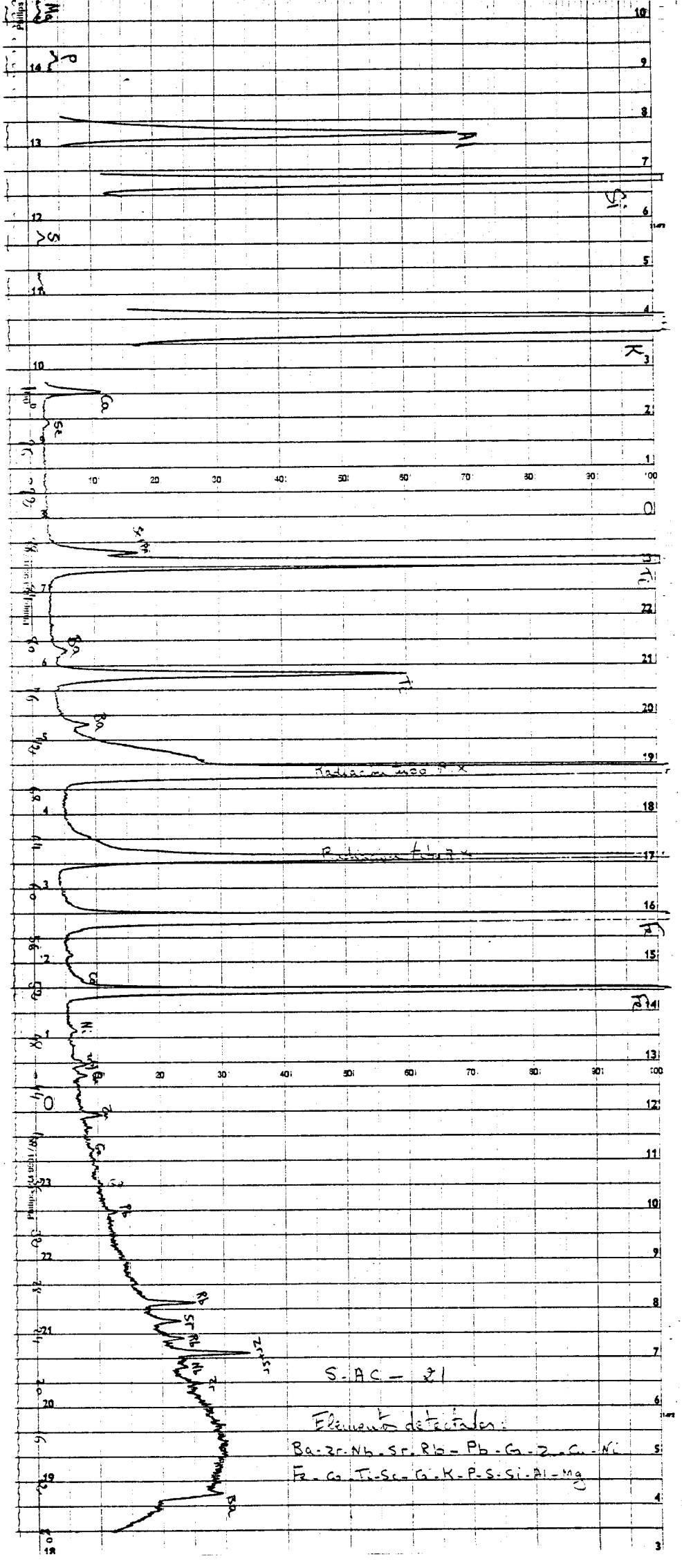


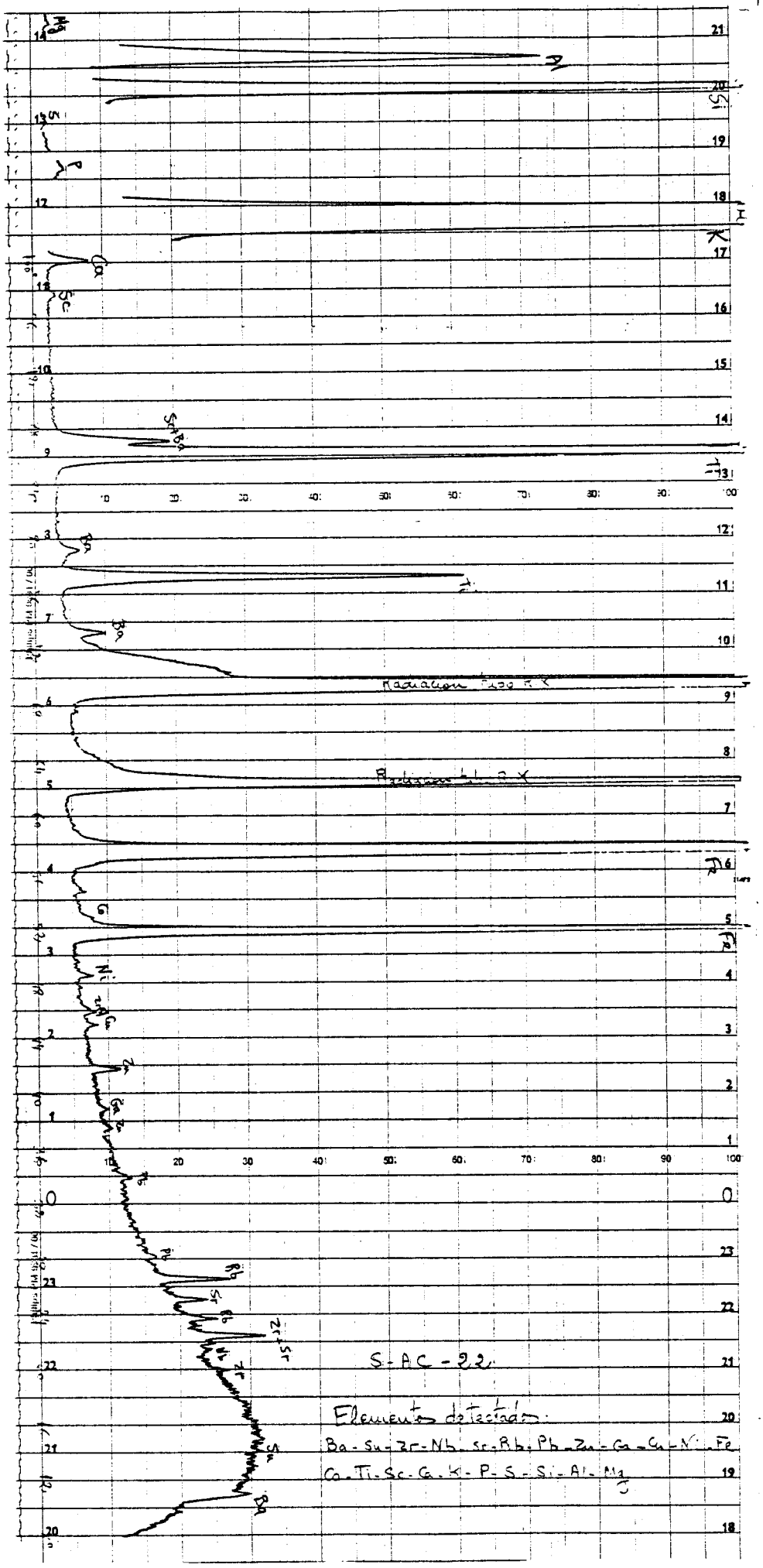

Radiacion tubo R.x
Radiacion tubo R.x
S-AC-17
Elementos detectados:
Ba-Ag-Zr-Sr-Rb-Pb-Br-As-Zn-Ga-Cu-Ni
Fe-Co-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg

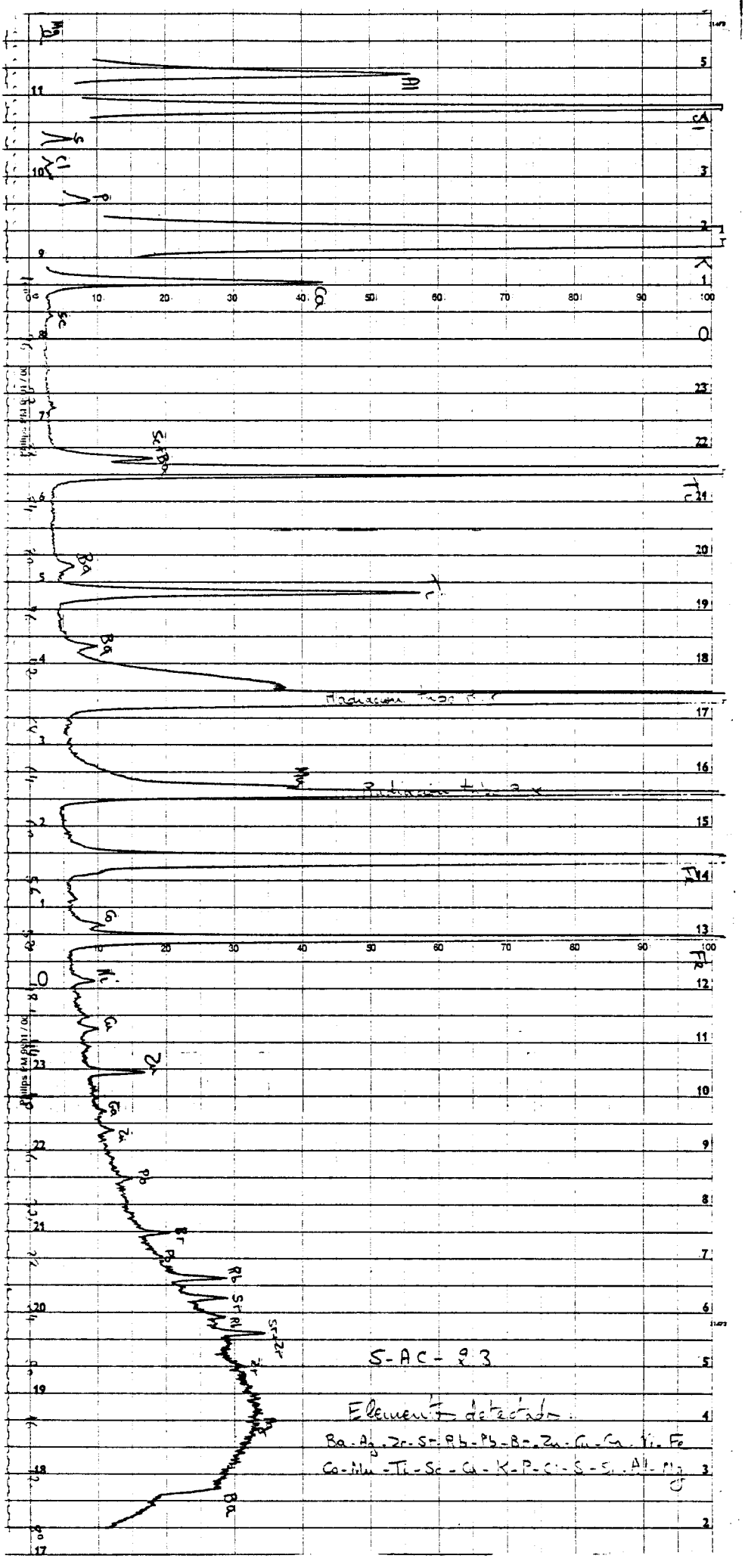

Radiación tubo Rh
Radiación tubo W
S-AC - 18
Elementos detectados:
Ba - Ag - Zr - Mo - Sr - Pb - Br - Zn - Ga - Cu - Ni - Fe - Co
Ti - Sc - Ca - K - P - Cl - S - Si - Al - Mg - Ge

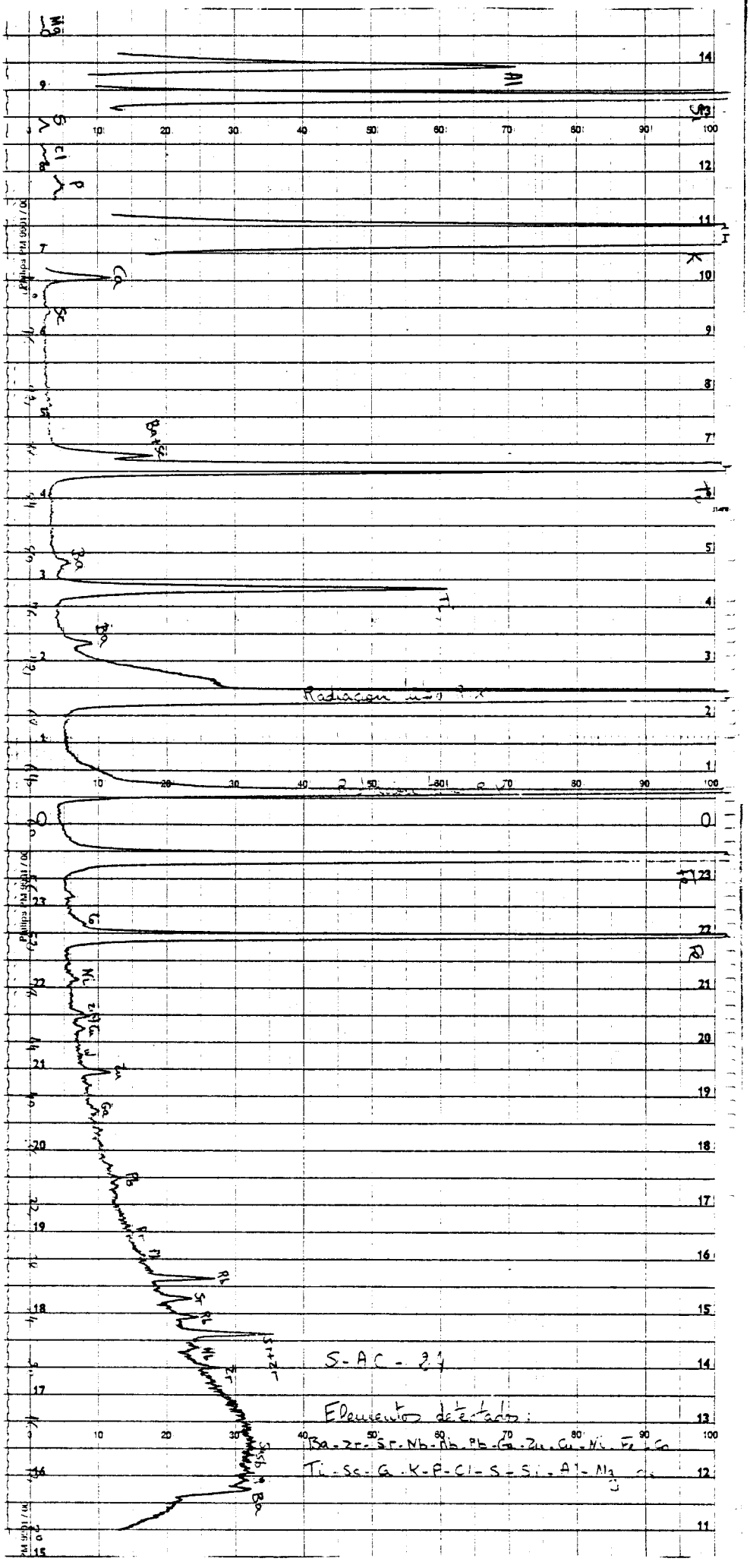

Radiacion tubo A
Radiacion tubo B
S-AC-19
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Br-Zn-Ga-Cu-Ni-Fe
Co-Mn-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg
Be, Ta

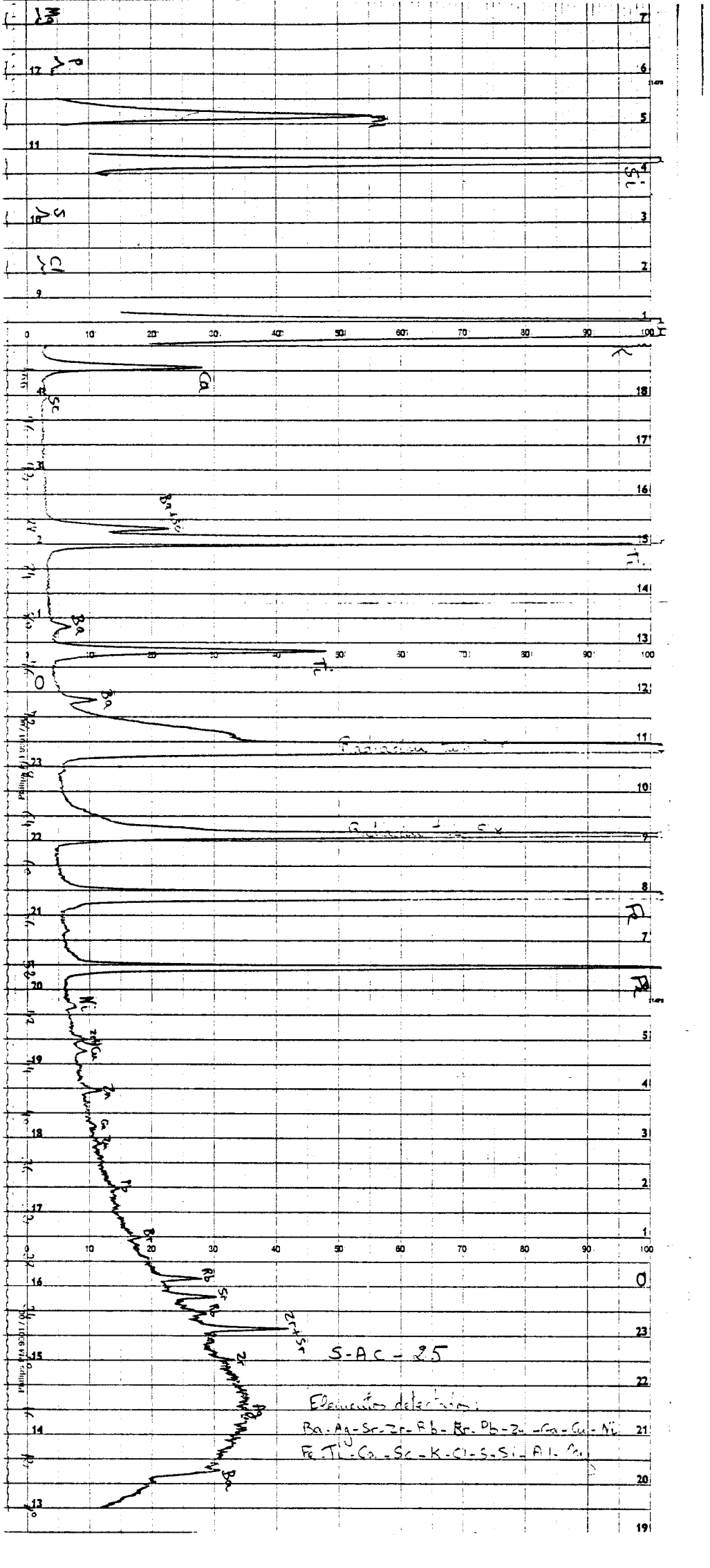

S-AC - 30
Elementos detectados:
Ba-Ag-Zr-Sr-Rb-Pb-As-Ga-Zn-Cu-Ni-Fe
Co-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg-Th-Sn

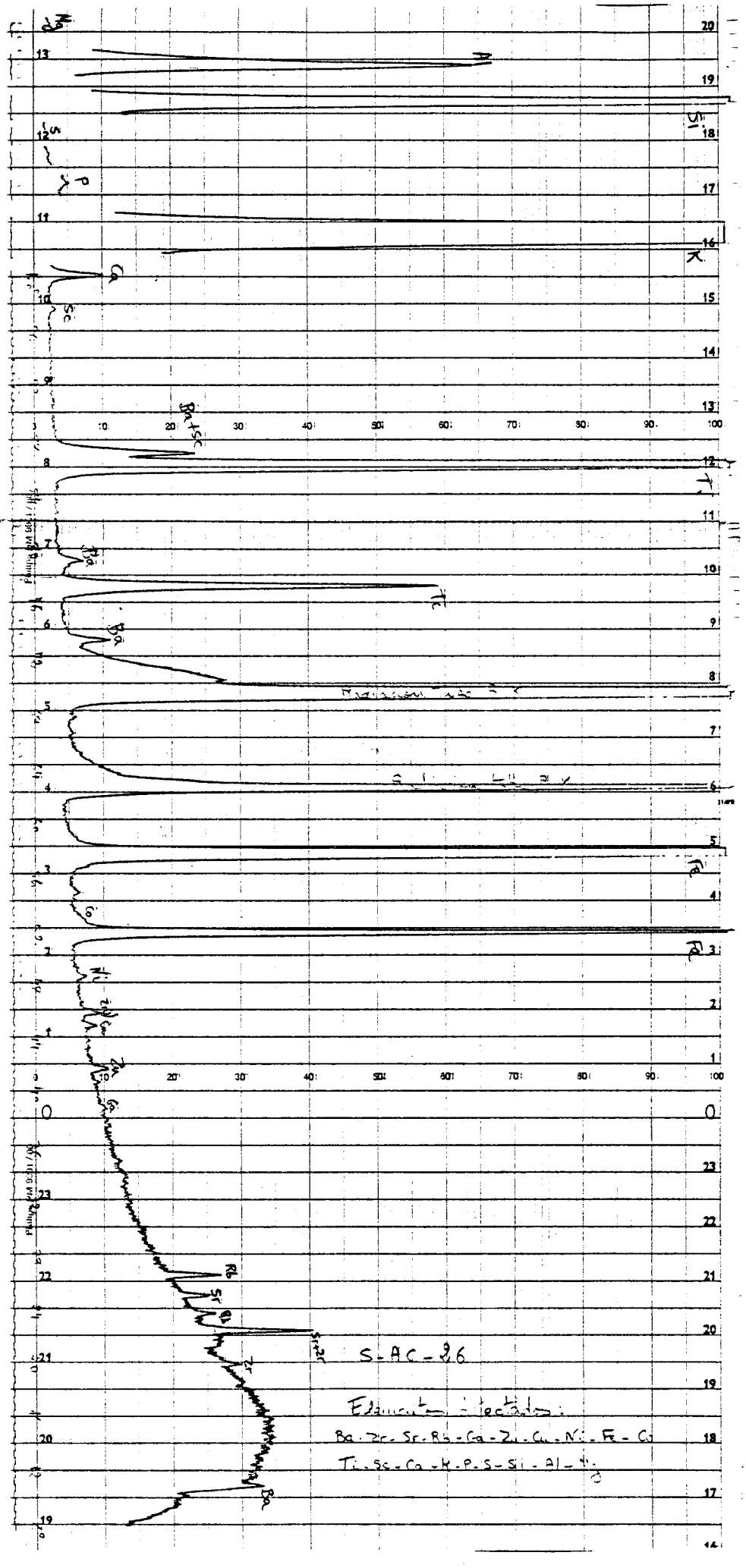

Mg
P
Al
Si
S
K
Ca
Se
O
Ti
Ba
Fe
Ni
Zr
Pb
Rb
Sr
Nb
Zr+Sr
Ba
S-AC — 21
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni
Fe-Co-Ti-Sc-Ca-K-P-S-Si-Al-Mg

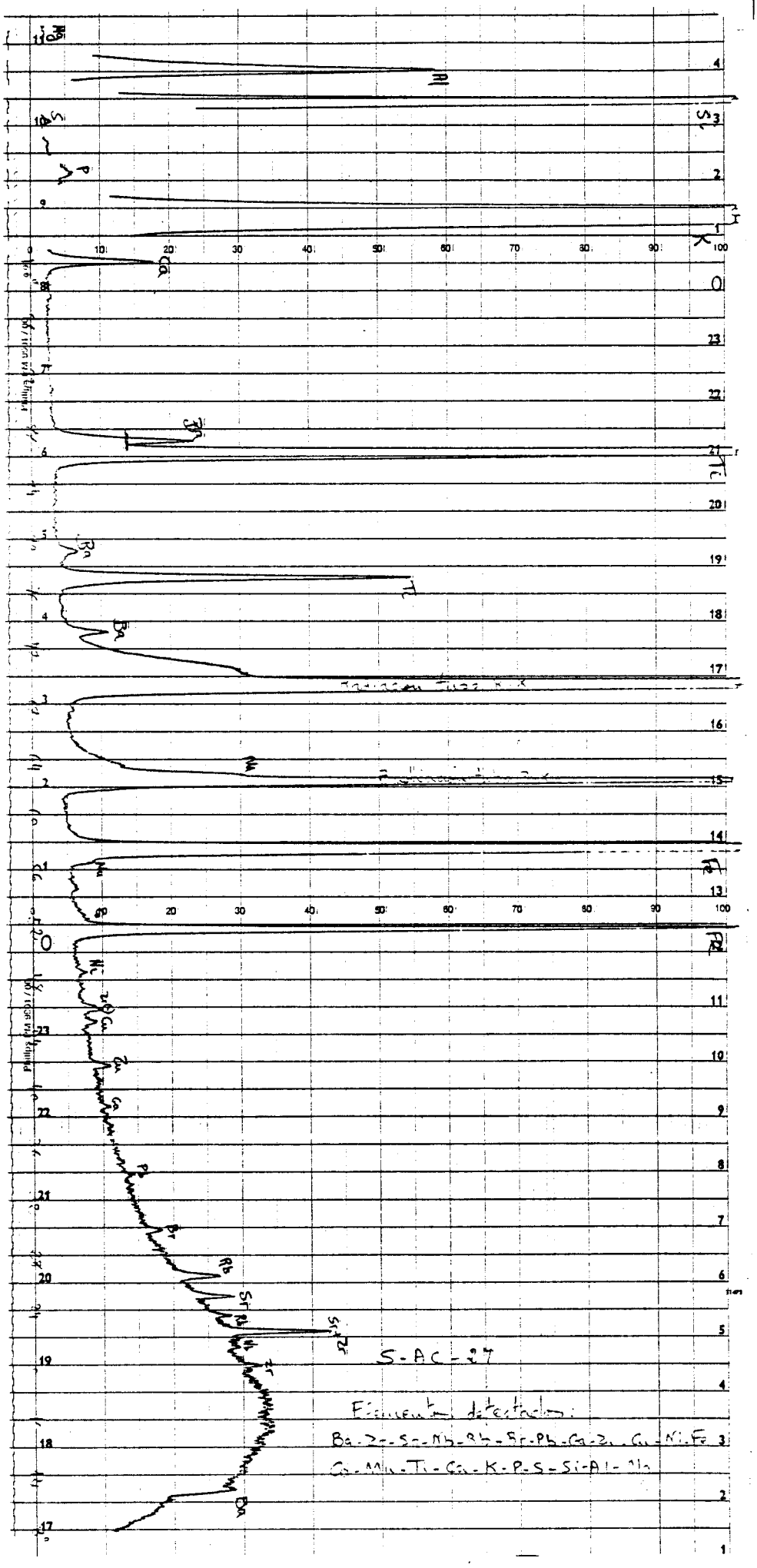

S-AC-22
Elementos detectados:
Ba - Sn - Zr - Nb - Sr - Rb - Pb - Zn - Ga - Cu - Ni - Fe
Ca - Ti - Sc - Ca - K - P - S - Si - Al - Mg

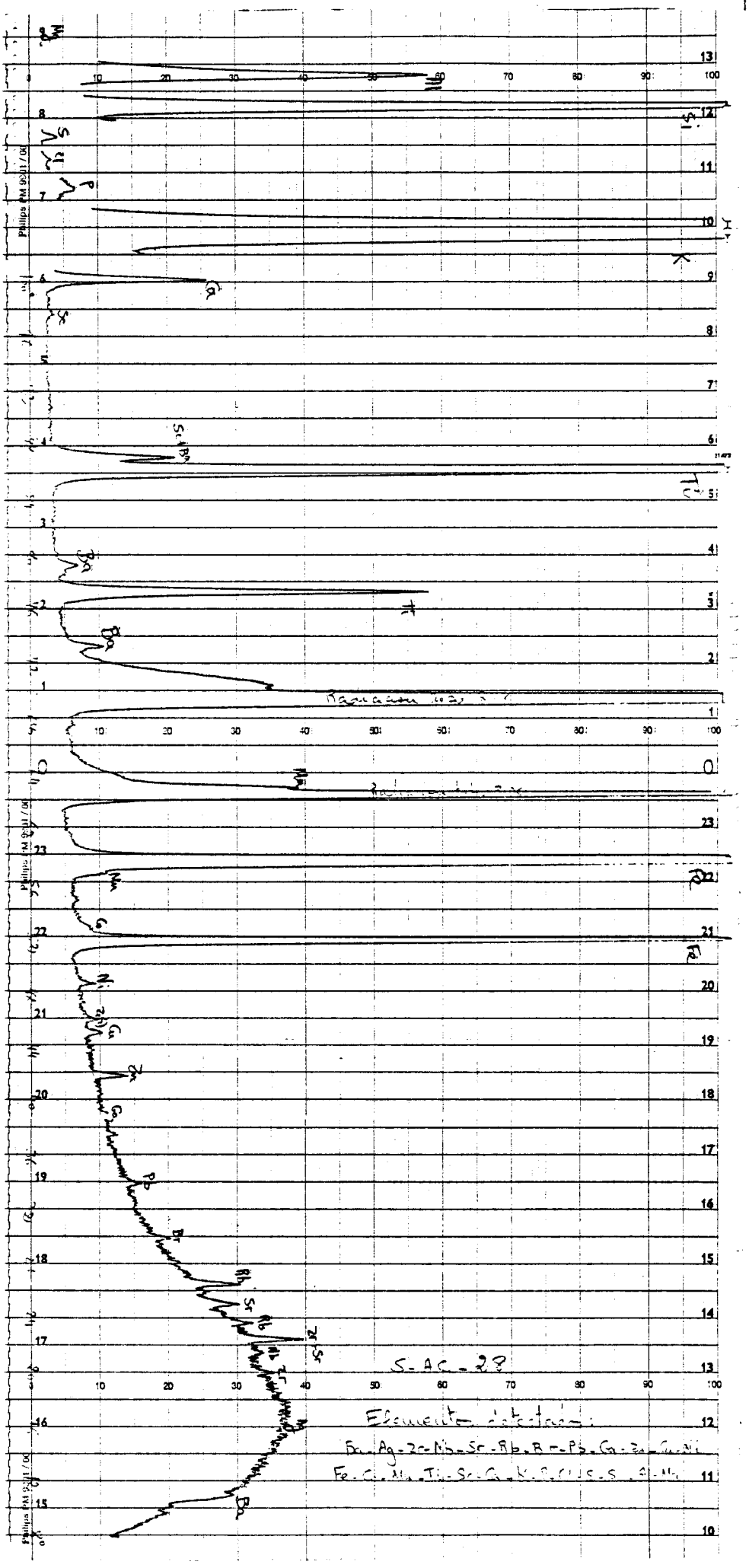

S-AC-23
Elementos detectados:
Ba-Ag-Zr-Sr-Rb-Pb-Br-Zn-Cu-Ca-Ni-Fe
Co-Mn-Ti-Sc-Cl-K-P-Cl-S-Si-Al-Mg

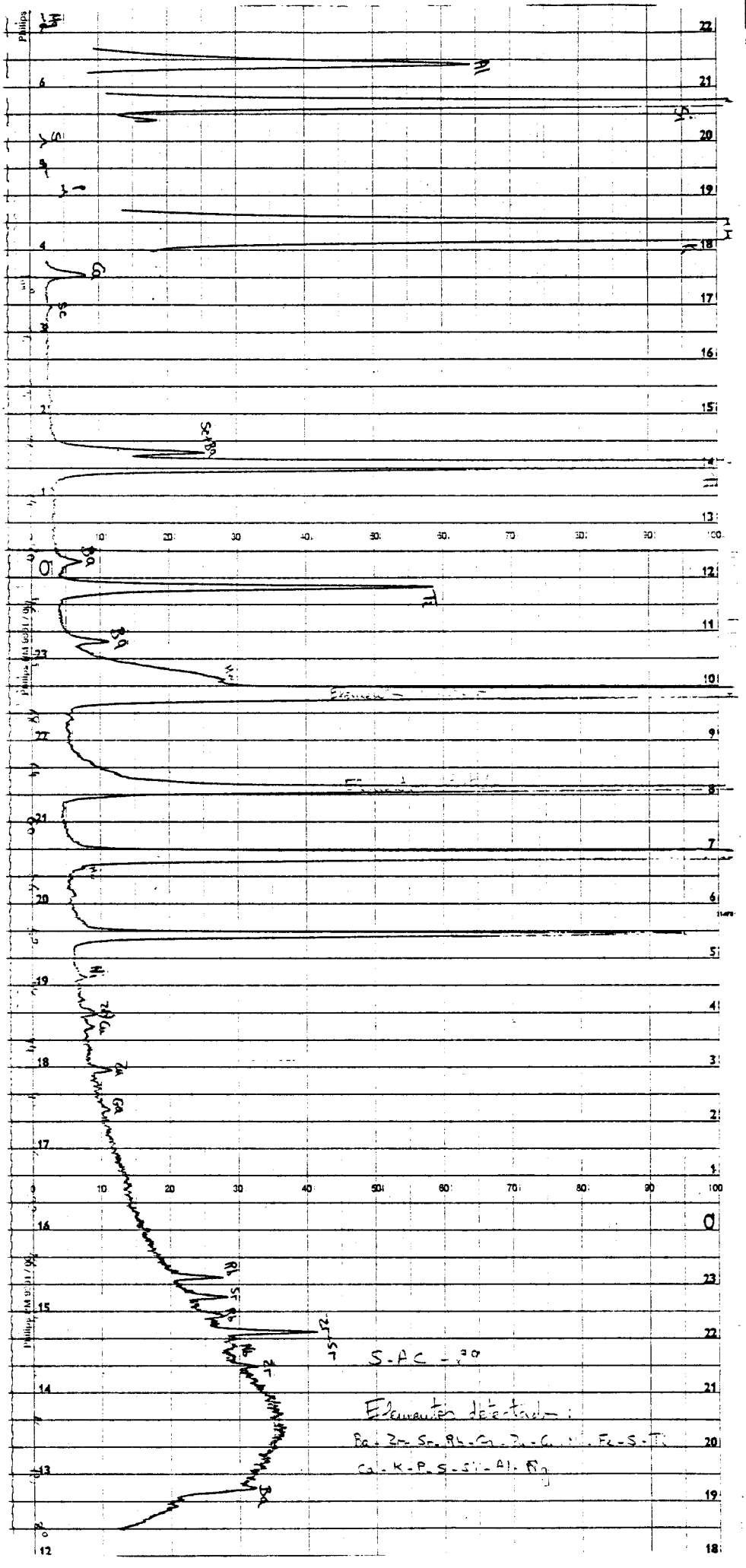

Radiacion
S-AC-24
Elementos detectados:
Ba-Zr-Sr-Nb-Rb-Pb-Ga-Zn-Cu-Ni-Fe-Co
Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg

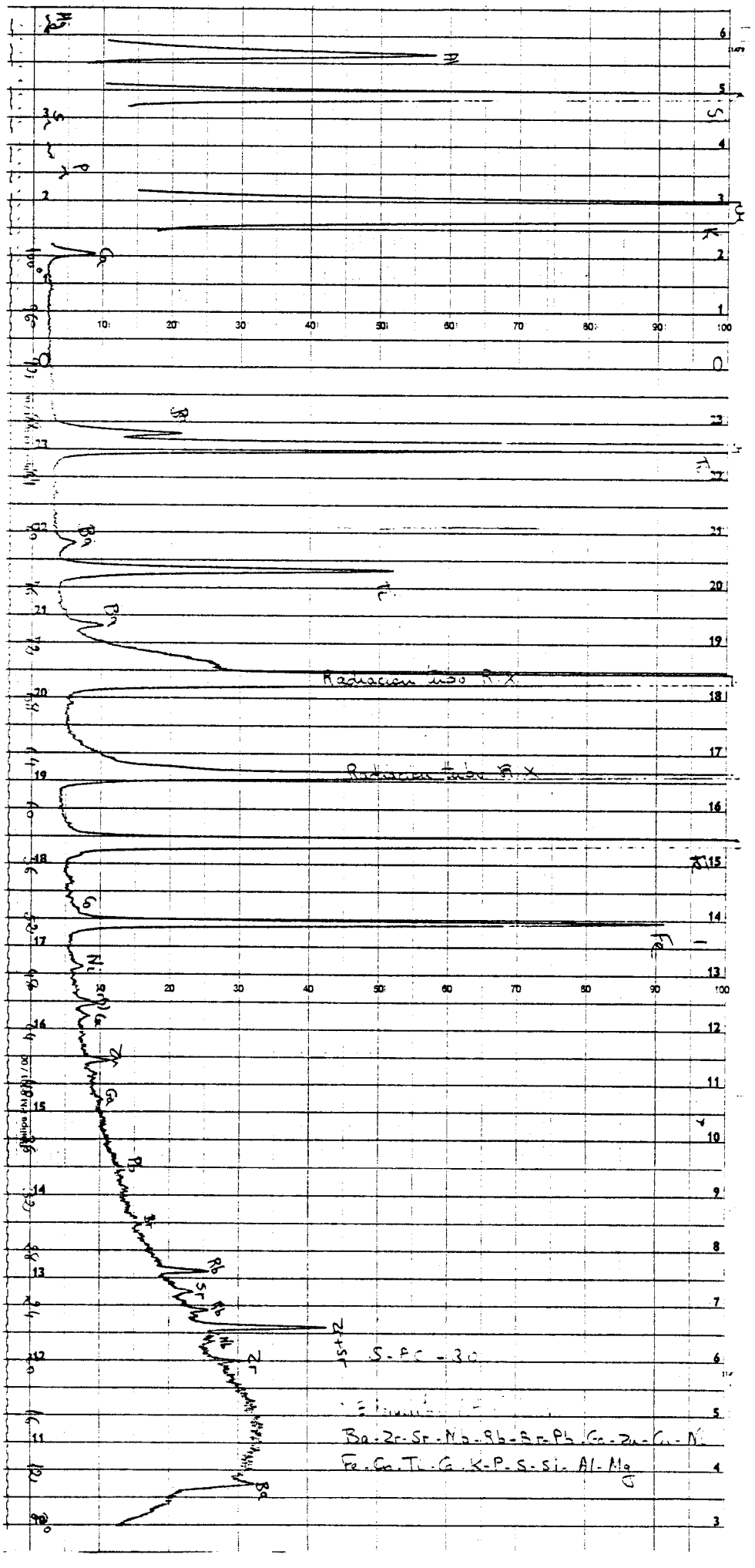

S-AC-25
Elementos detectados:
Ba-Ag-Sr-Zr-Rb-Br-Pb-Zn-Ga-Cu-Ni
Fe-Ti-Ca-Sc-K-Cl-S-Si-Al-Mg

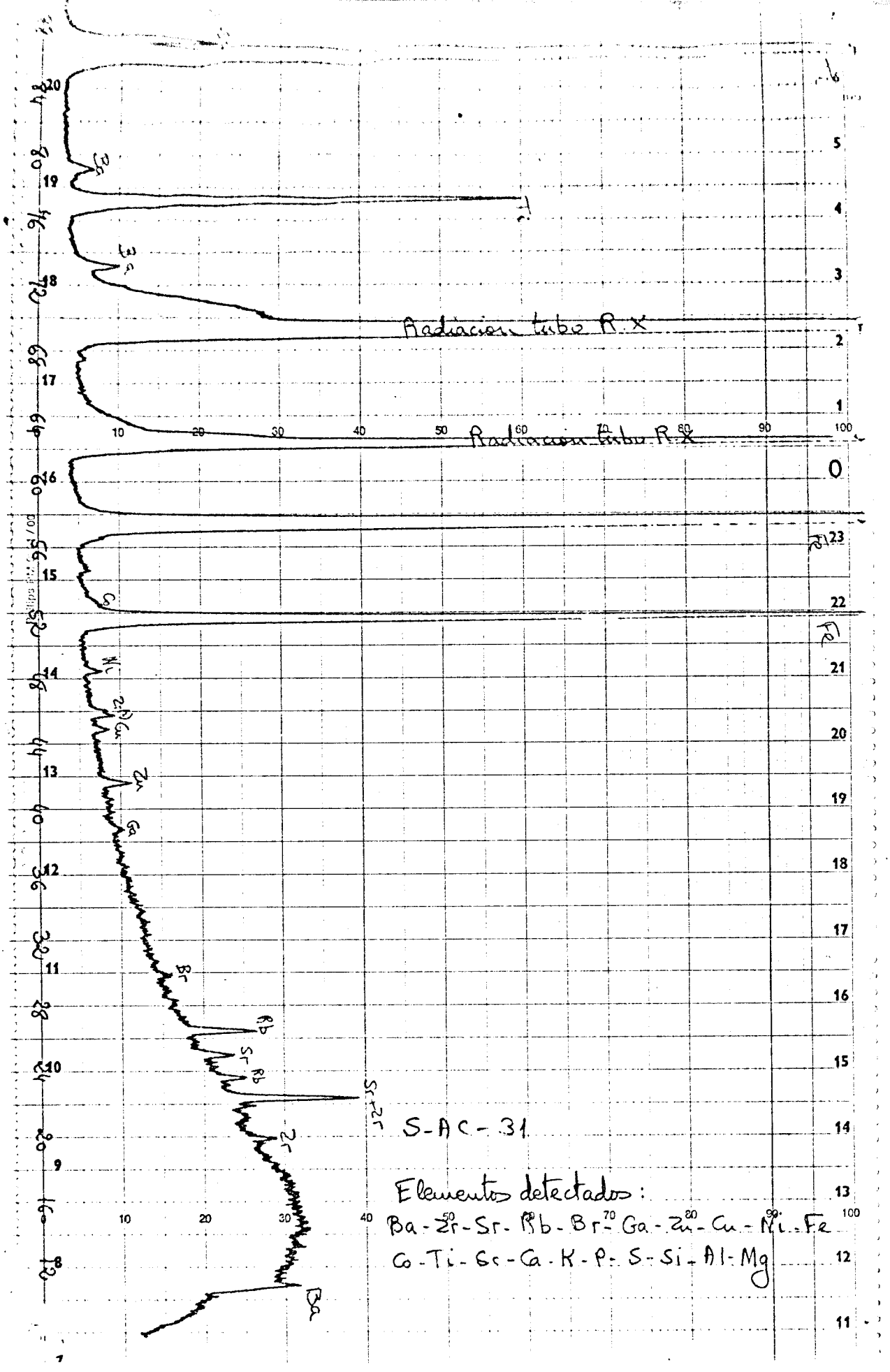

S-AC-86
Éléments détectés :
Ba - Zr - Sr - Rb - Ca - Zn - Cu - Ni - Fe - Co
Ti - Sc - Ca - K - P - S - Si - Al - Mg

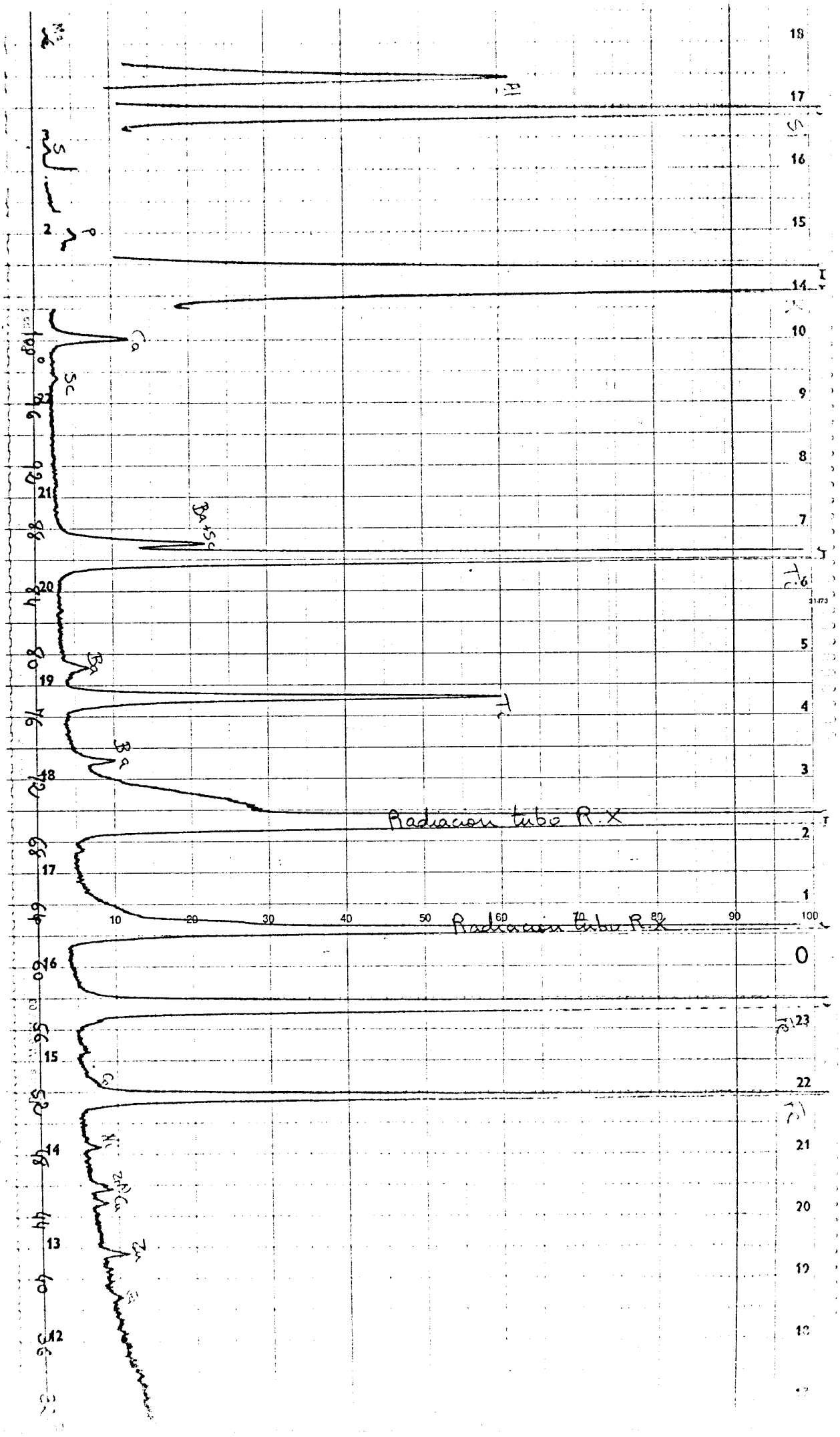

S-AC-27
Elementos detectados:
Ba-Zr-Sr-Nb-Rb-Br-Pb-Ca-Zn-Cu-Ni-Fe
Co-Mn-Ti-Ca-K-P-S-Si-Al-Mg

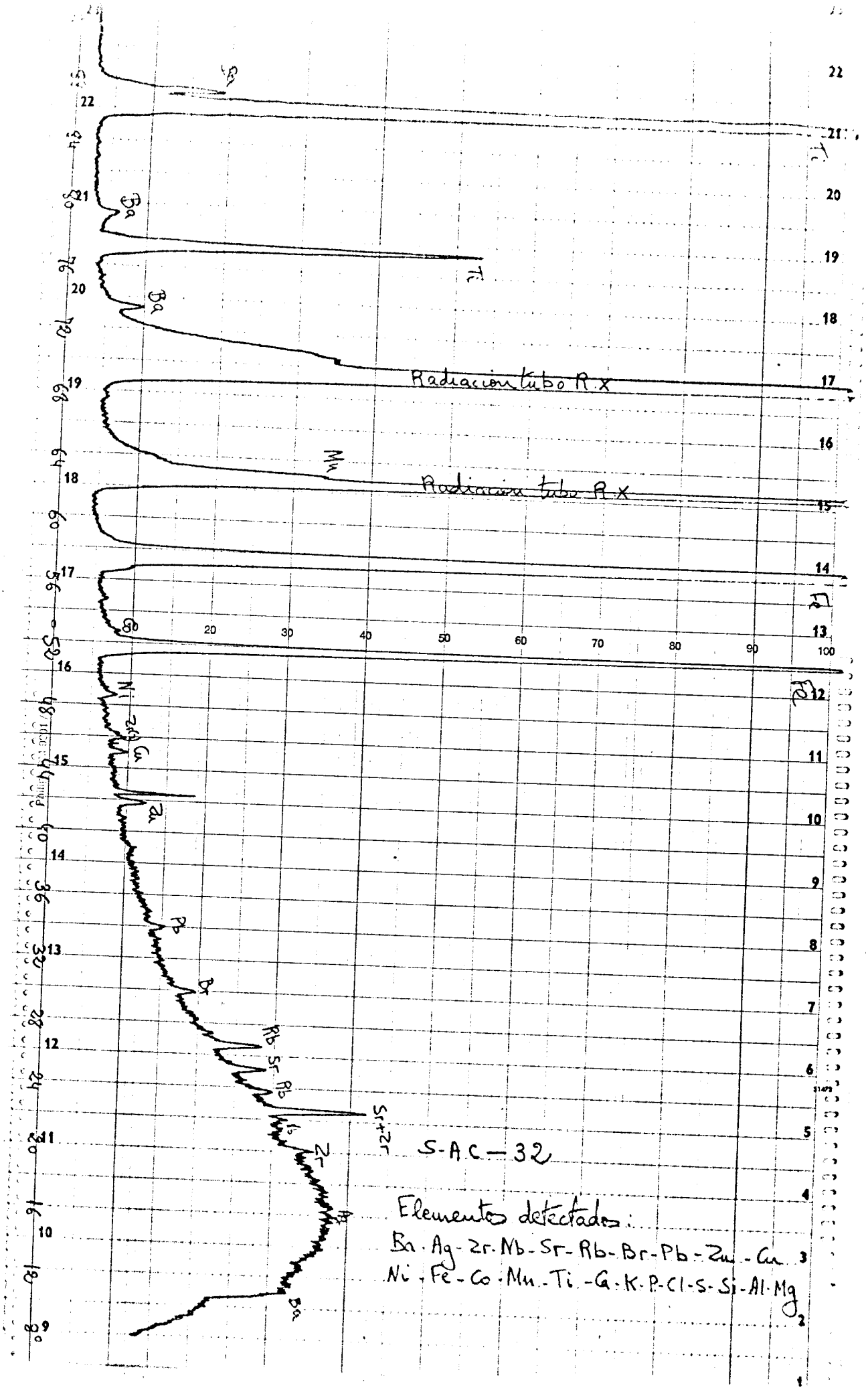

S-AC-22
Eléments détectés :
Fe - Ca - Mn - Ti - Sr - Cu - K - Cr - V - S - Si - Ni
Fe - Ag - Zr - Nb - Sc - Rb - B - Pb - Ga - Zn - Cu - Ni

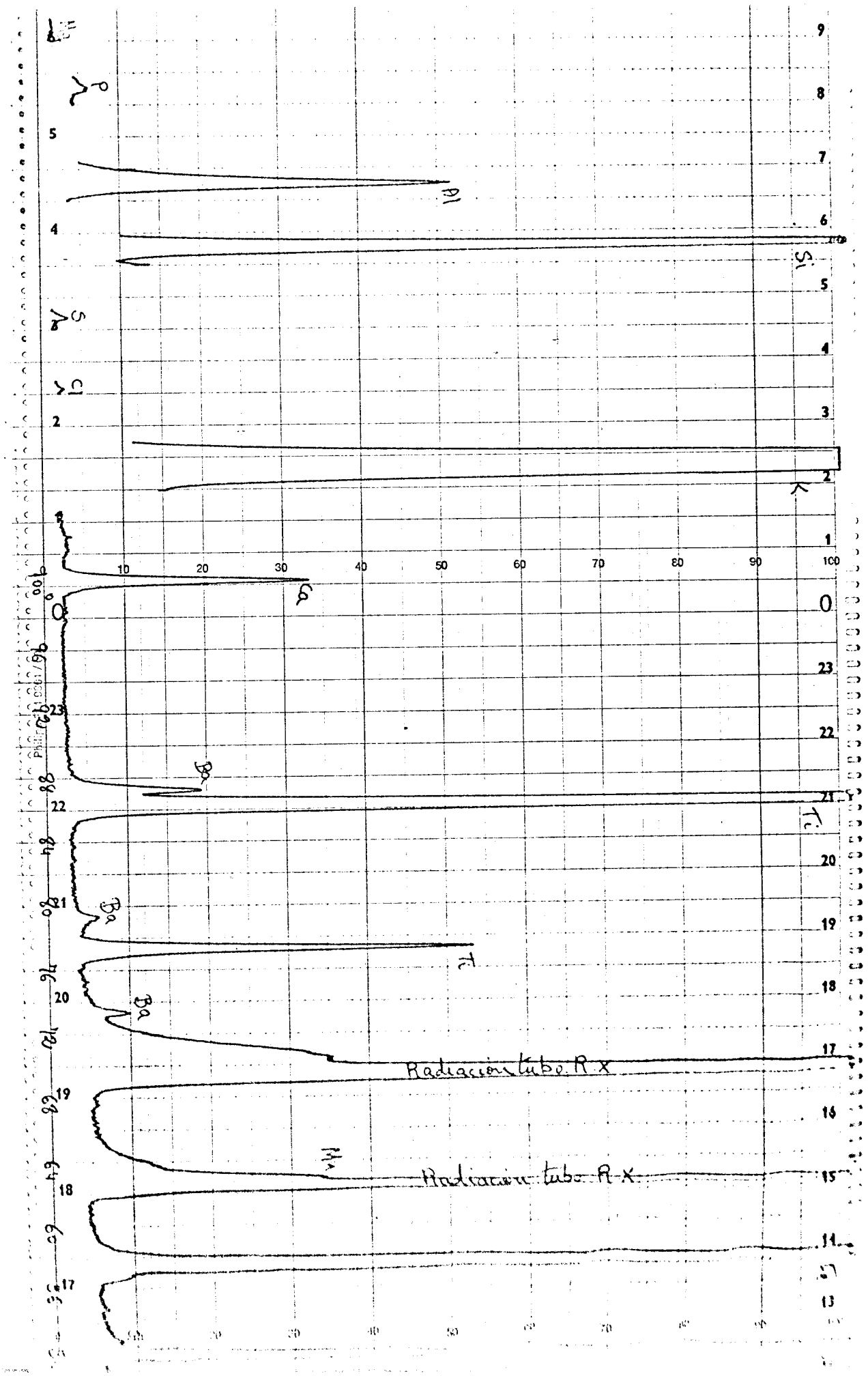

Philips
Ba
Sr-Ba
Ba
Ba


Radiacion tubo R.X
Radiacion tubo R.X
S-PC-30
Ba-Zr-Sr-Nb-Rb-Br-Pb-Ga-Zn-Cu-Ni
Fe-Co-Ti-Ca-K-P-S-Si-Al-Mg

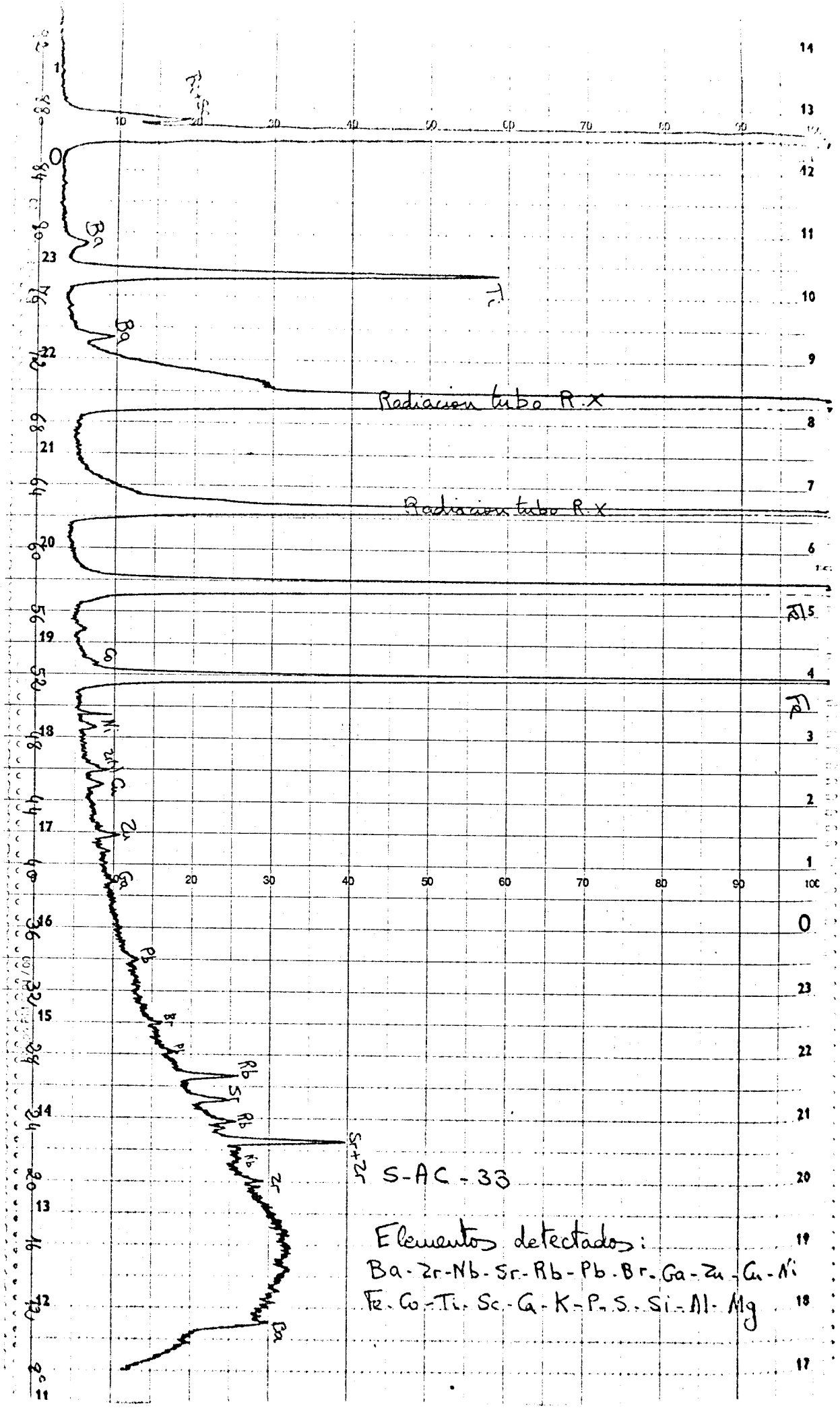

Radiacion tubo R.X
Radiacion tubo R.X
Ba
Ti
Co
Fe
Ni
Zn
Cu
Ga
Br
Rb
Sr
Sr+Zr
Zr
Ba
S-AC-31
Elementos detectados:
Ba-Zr-Sr-Rb-Br-Ga-Zn-Cu-Ni-Fe
Co-Ti-Sc-Ca-K-P-S-Si-Al-Mg


Ca
Sc
Ba+Sc
Ba
Ba
Tc
Radiacion tubo R.X
Radiacion tubo R.X
Ca
Ni
Zn
10
20
30
40
50
60
70
80
90
100

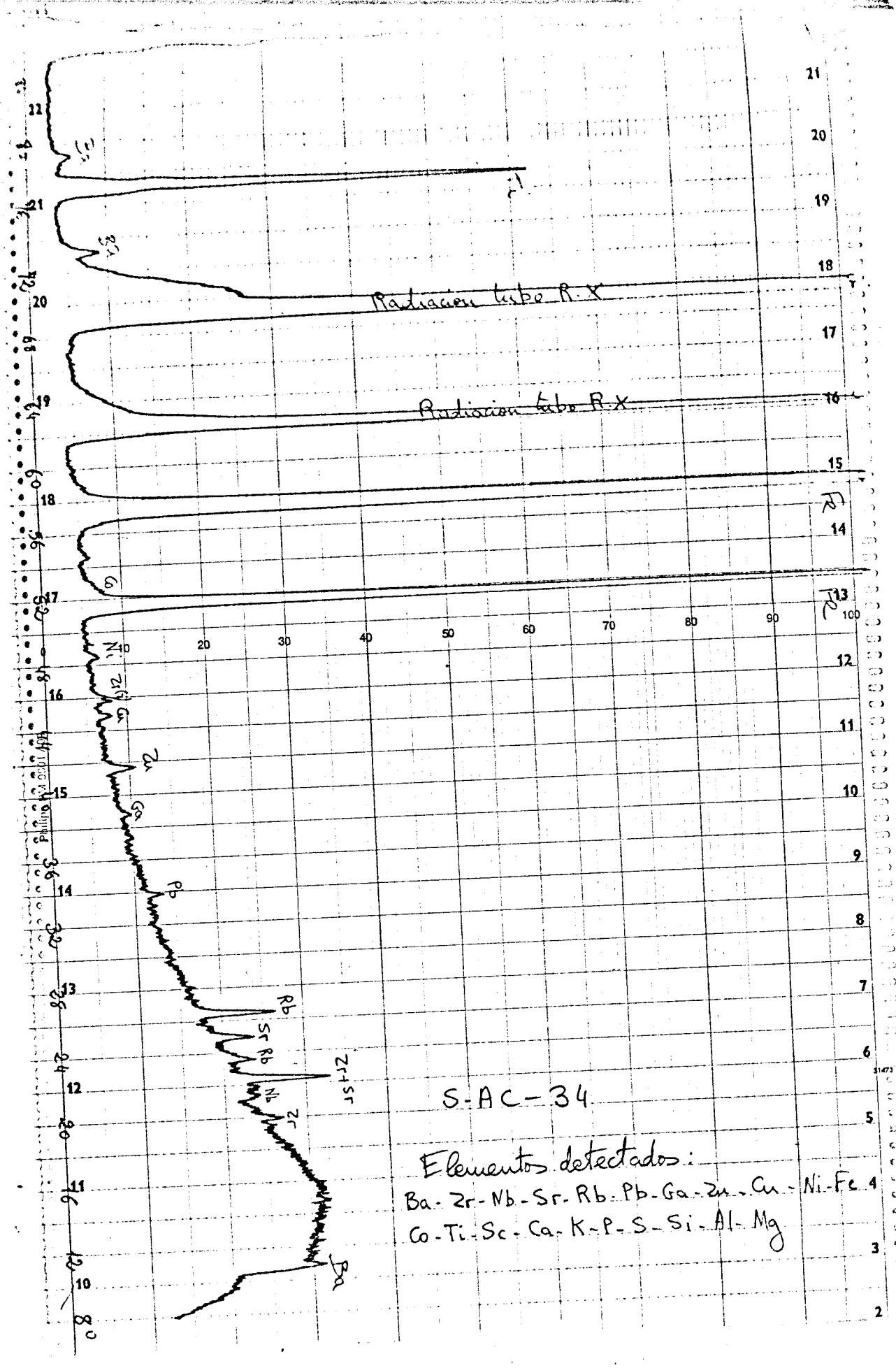

Ba
Ba
Ti
Ba
Radiacion tubo R.X
Mn
Radiacion tubo R.X
Fe
Ni
Zn
Cu
Zn
Pb
Br
Rb
Sr
Pb
Sr+Zr
Zr
Ba
S-AC-32
Elementos detectados:
Br · Ag · Zr · Nb · Sr · Rb · Br · Pb · Zn · Cu
Ni · Fe · Co · Mn · Ti · Ca · K · P · Cl · S · Si · Al · Mg
0 20 30 40 50 60 70 80 90 100

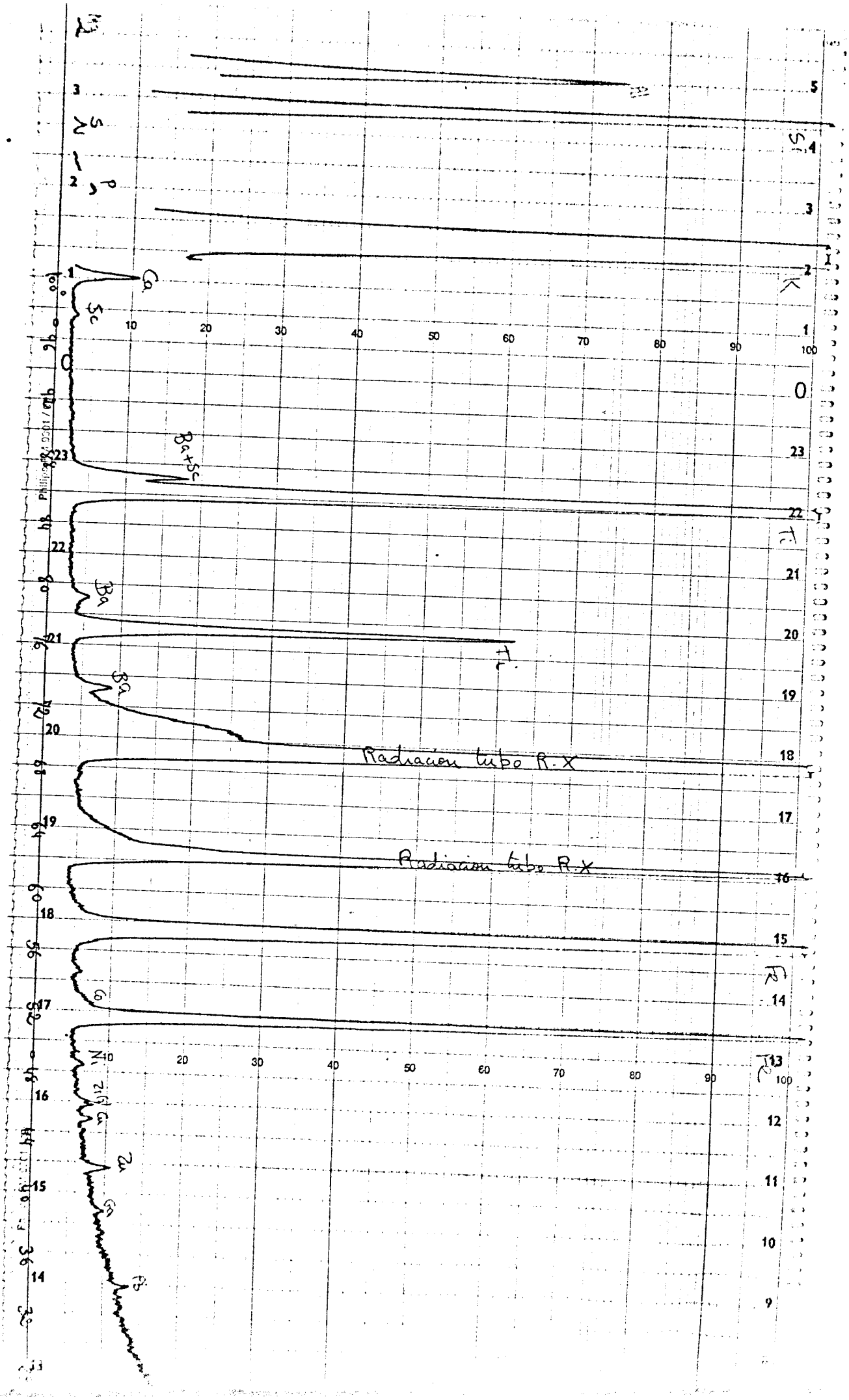


Al
Si
K
Ca
Ba
Ti
Radiación tubo R X
Radiación tubo R X

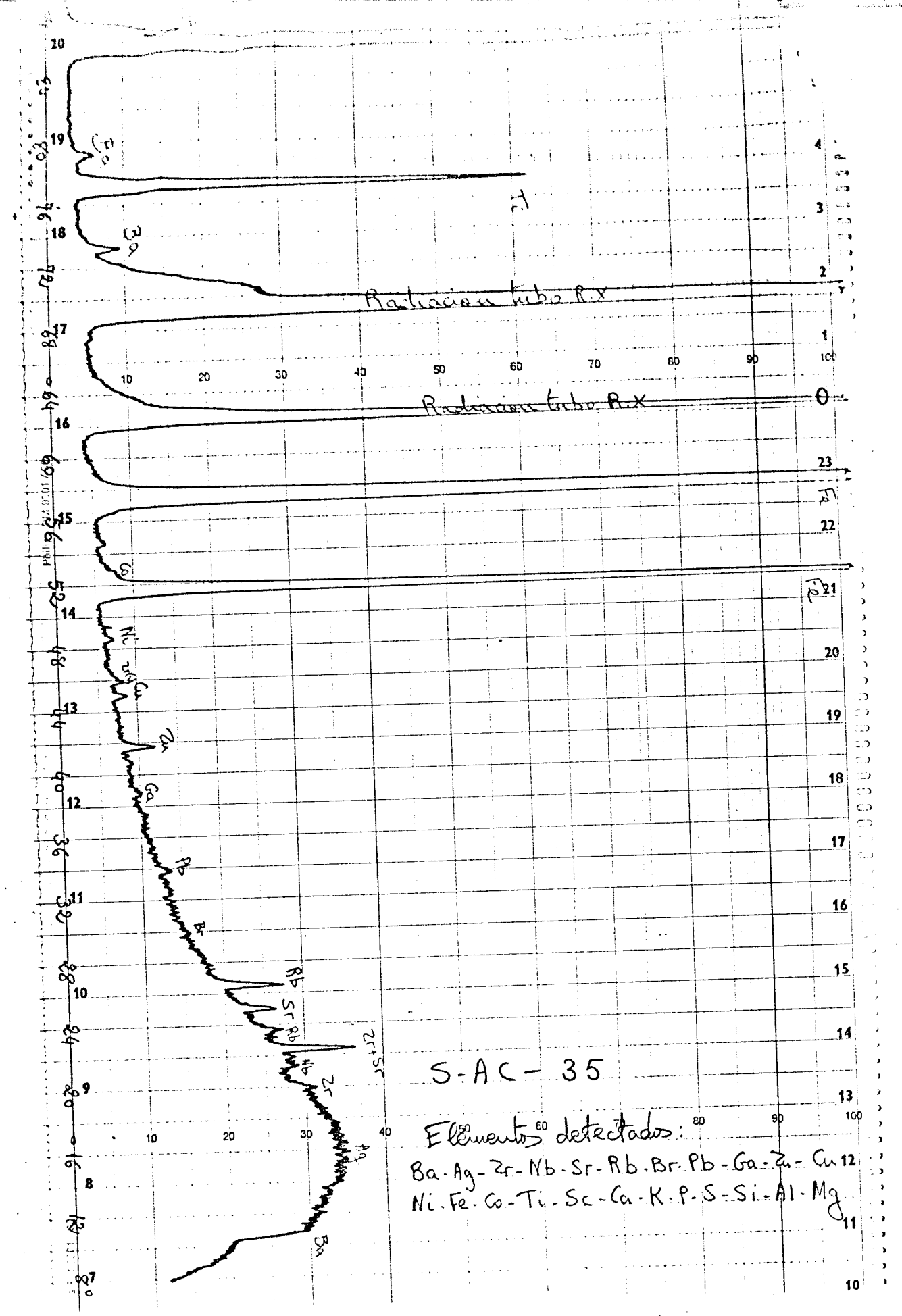

Ba
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Ca
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Rb
Nb
Zr
Sr+Zr
Ba
S-AC-33
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Br-Ga-Zn-Cu-Ni
Fe-Co-Ti-Sc-Ca-K-P-S-Si-Al-Mg

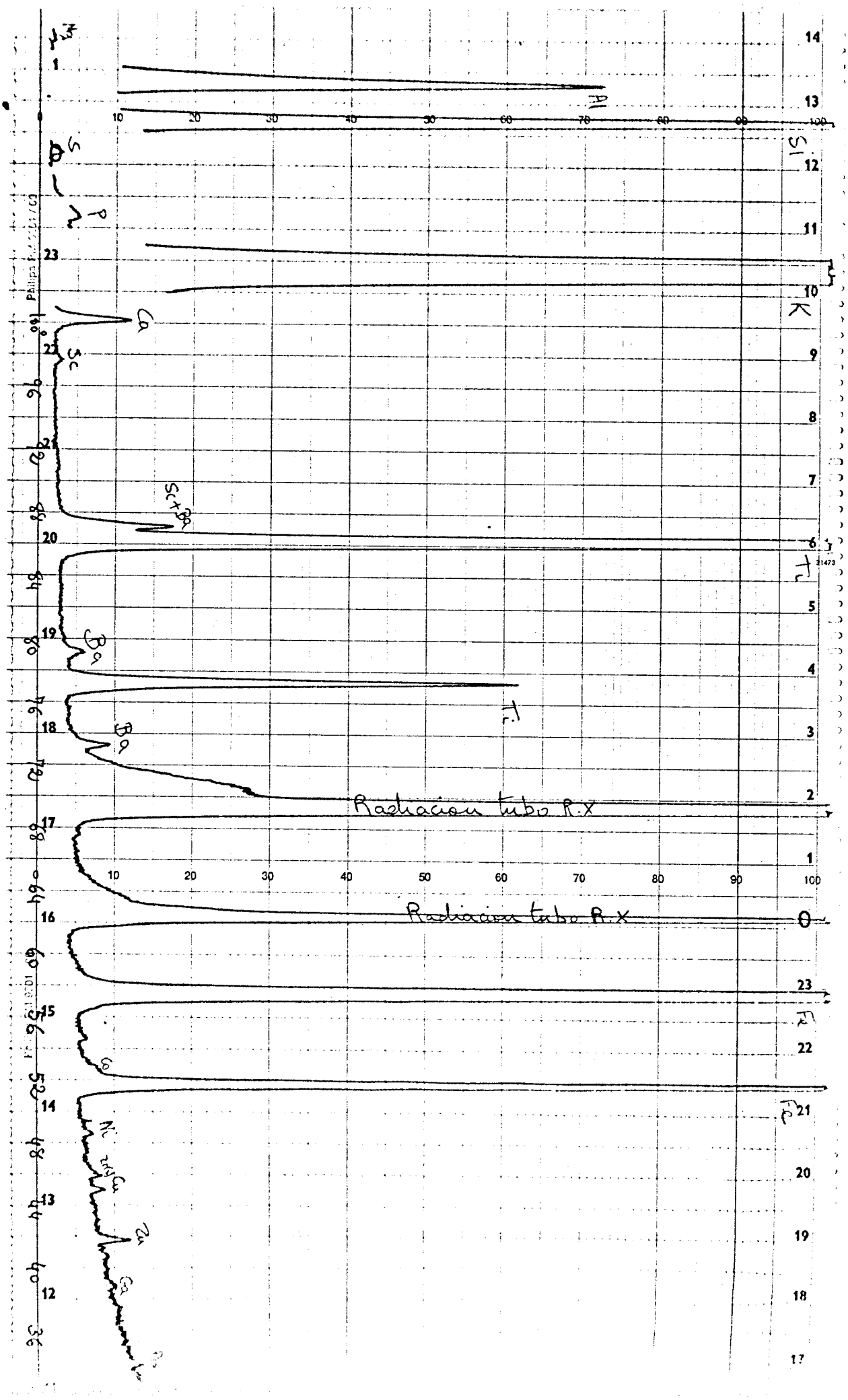
Al
Si
P
K
Ca
Sc
Ba+Sc
Ti
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Cr
Fe
Fe
10
20
30
40
50
60
70
80
90
100

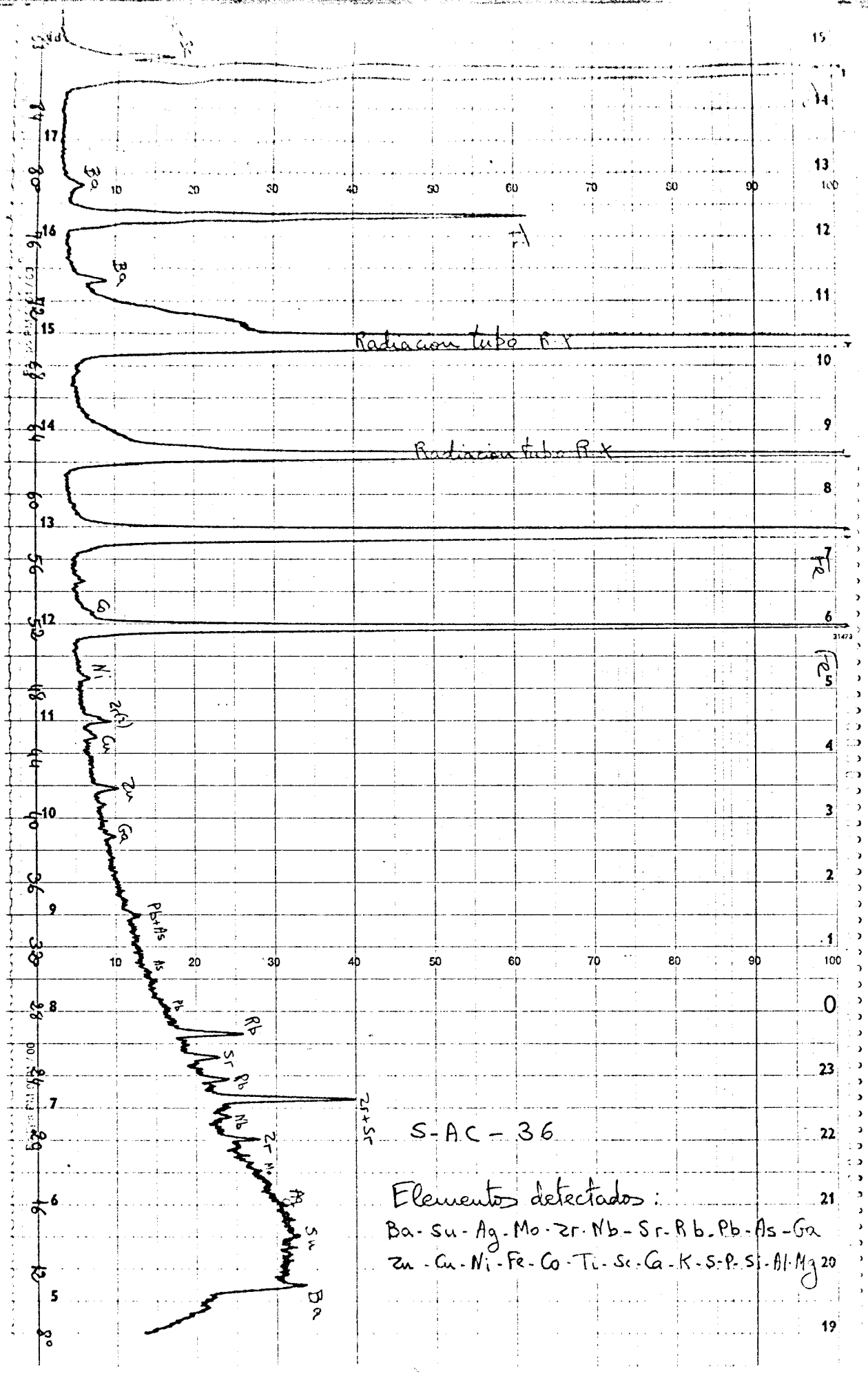

Radiacion tubo R.X
Radiacion tubo R.X
Ti
Ba
Co
Fe
Ni
Zr(Sr)
Cu
Zn
Ga
Pb
Rb
Sr Rb
Zr+Sr
Nb
Zr
Ba
10
20
30
40
50
60
70
80
90
100
S-AC-34
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe
Co-Ti-Sc-Ca-K-P-S-Si-Al-Mg



Ca
Sc
Ba+Sc
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Co
Ni
Zn
Ga
Pb
Si
K
Ti
Fe
Fe


Radiación tubo RX
Radiación tubo RX
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr Rb
Zr+Sr
Nb
Zr
Ag
Ba
S-AC-35
Elementos detectados:
Ba-Ag-Zr-Nb-Sr-Rb-Br-Pb-Ga-Zn-Cu
Ni-Fe-Co-Ti-Sc-Ca-K-P-S-Si-Al-Mg


Al
Si
K
Ca
Sc
Sc+Ba
Ti
Ba
Ba
Ti
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
Ni
Cu
Zn
Ga
10
20
30
40
50
60
70
80
90
100

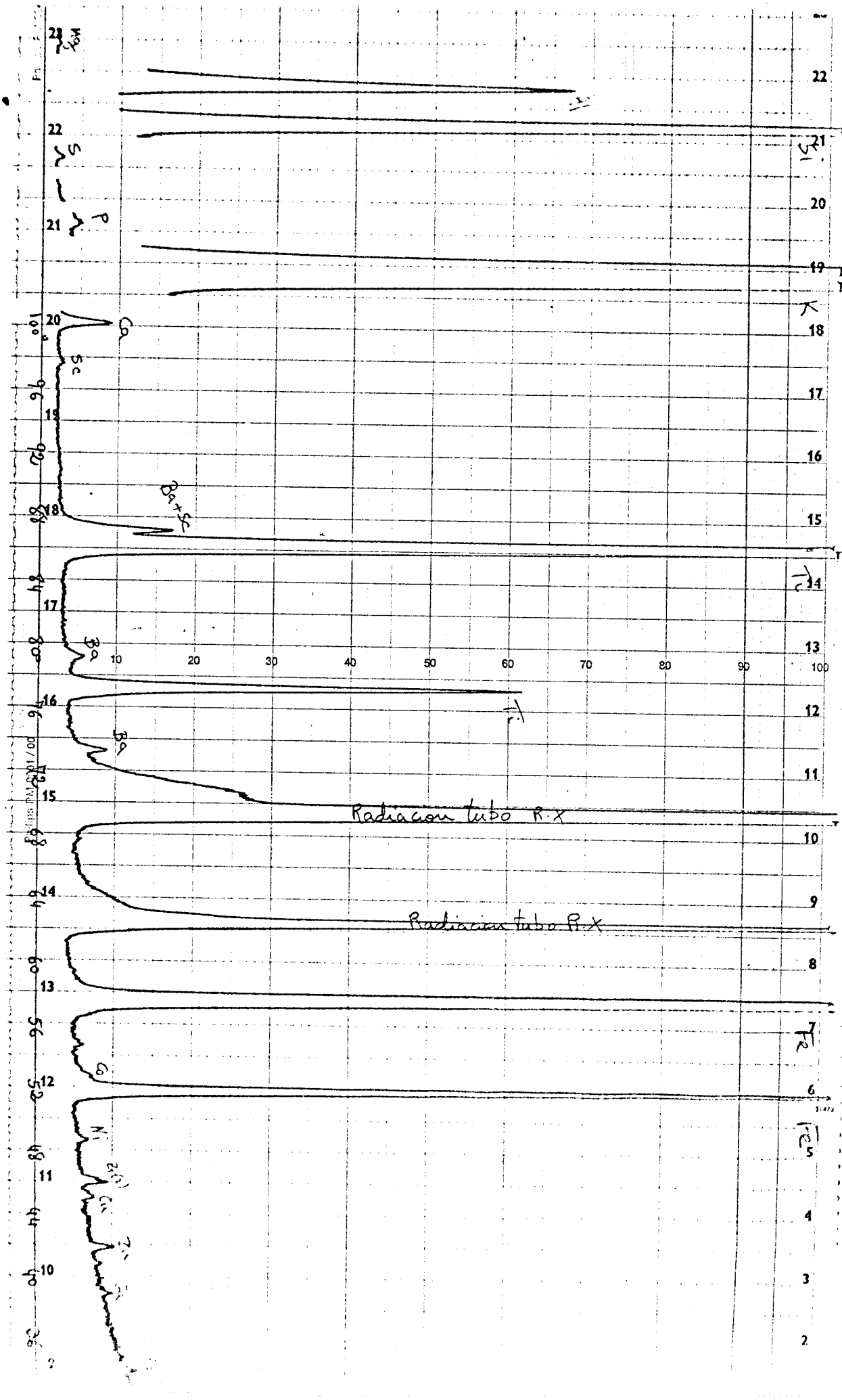


S-AC-36

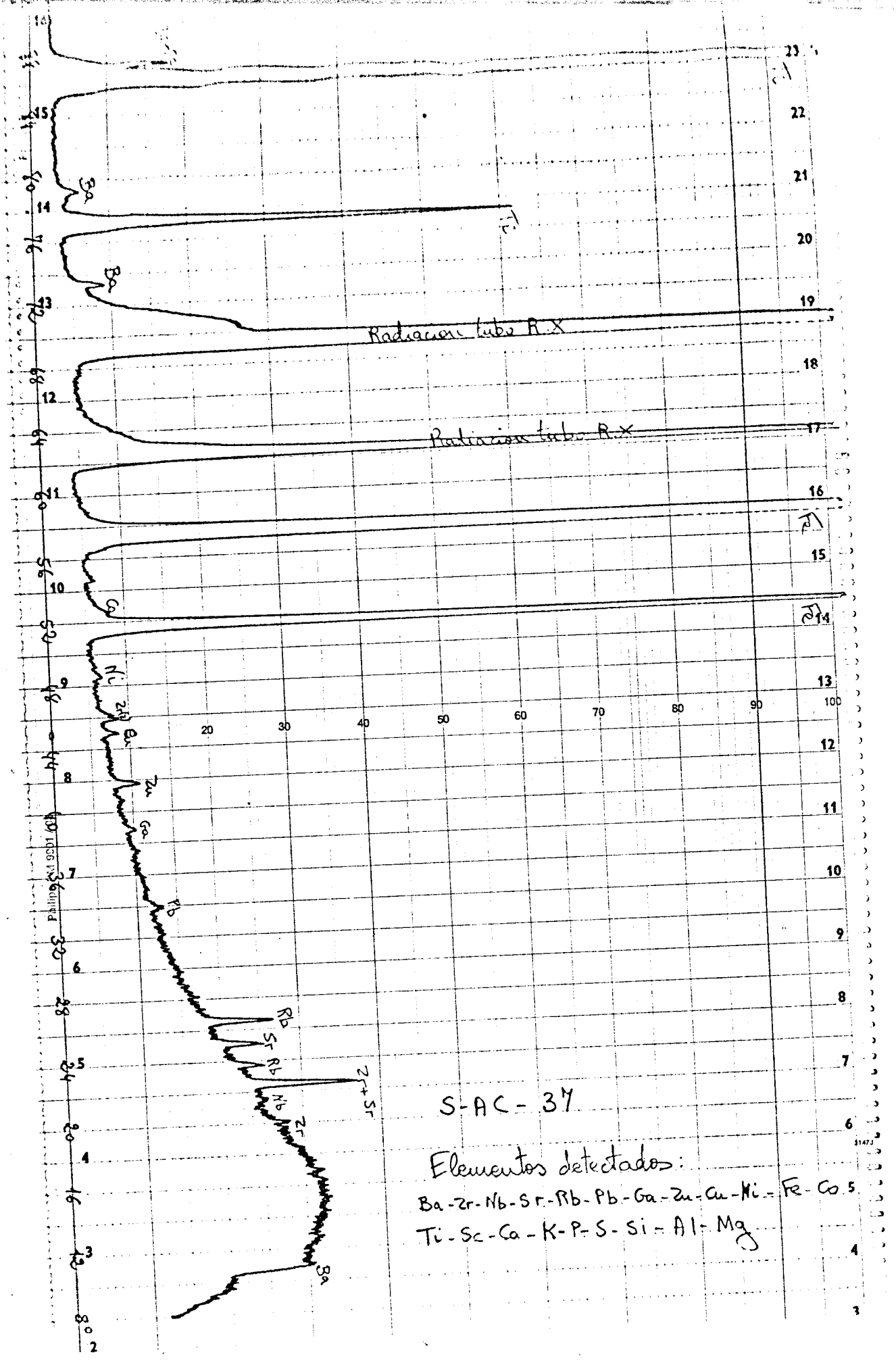
Elementos detectados:

Ba - Su - Ag - Mo - Zr - Nb - Sr - Rb - Pb - As - Ga

Zn - Cu - Ni - Fe - Co - Ti - Sc - Ca - K - S - P - Si - Al - Mg



Ca
Sc
Ba+Sc
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Co
Ni
Cu
Zn
Fe
Fe
K
Sr
P
S
10
20
30
40
50
60
70
80
90
100

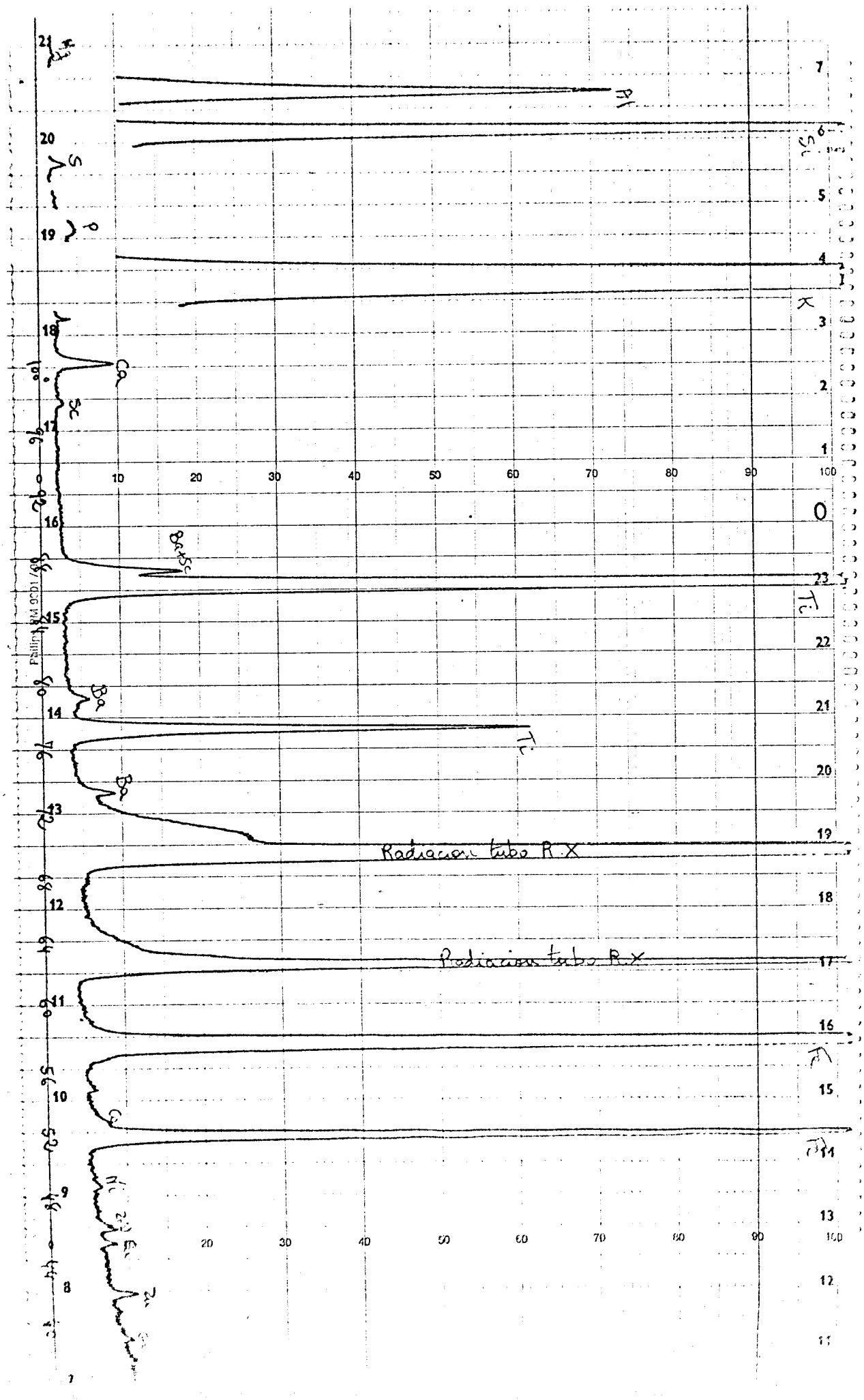


S-AC-37

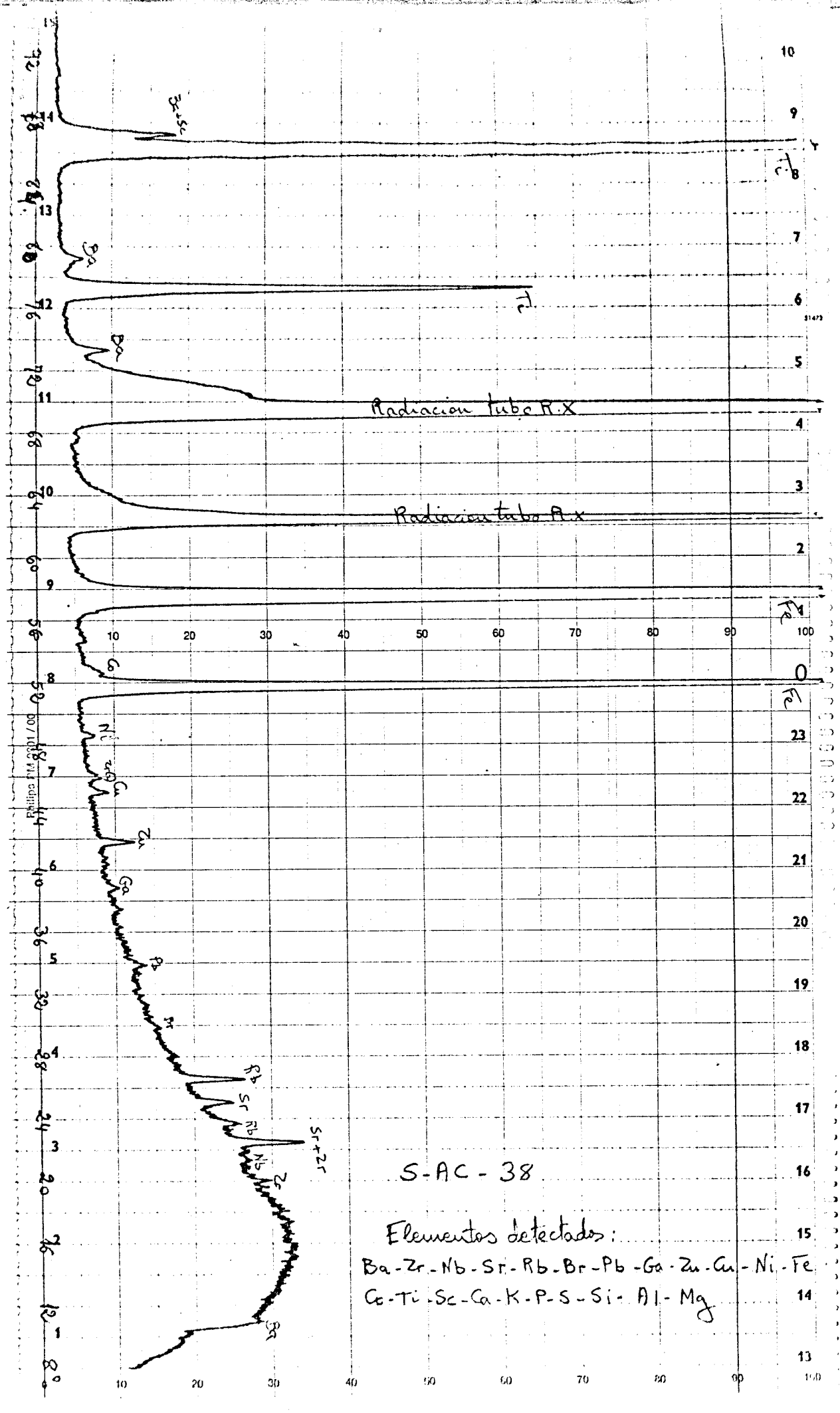
Elementos detectados:

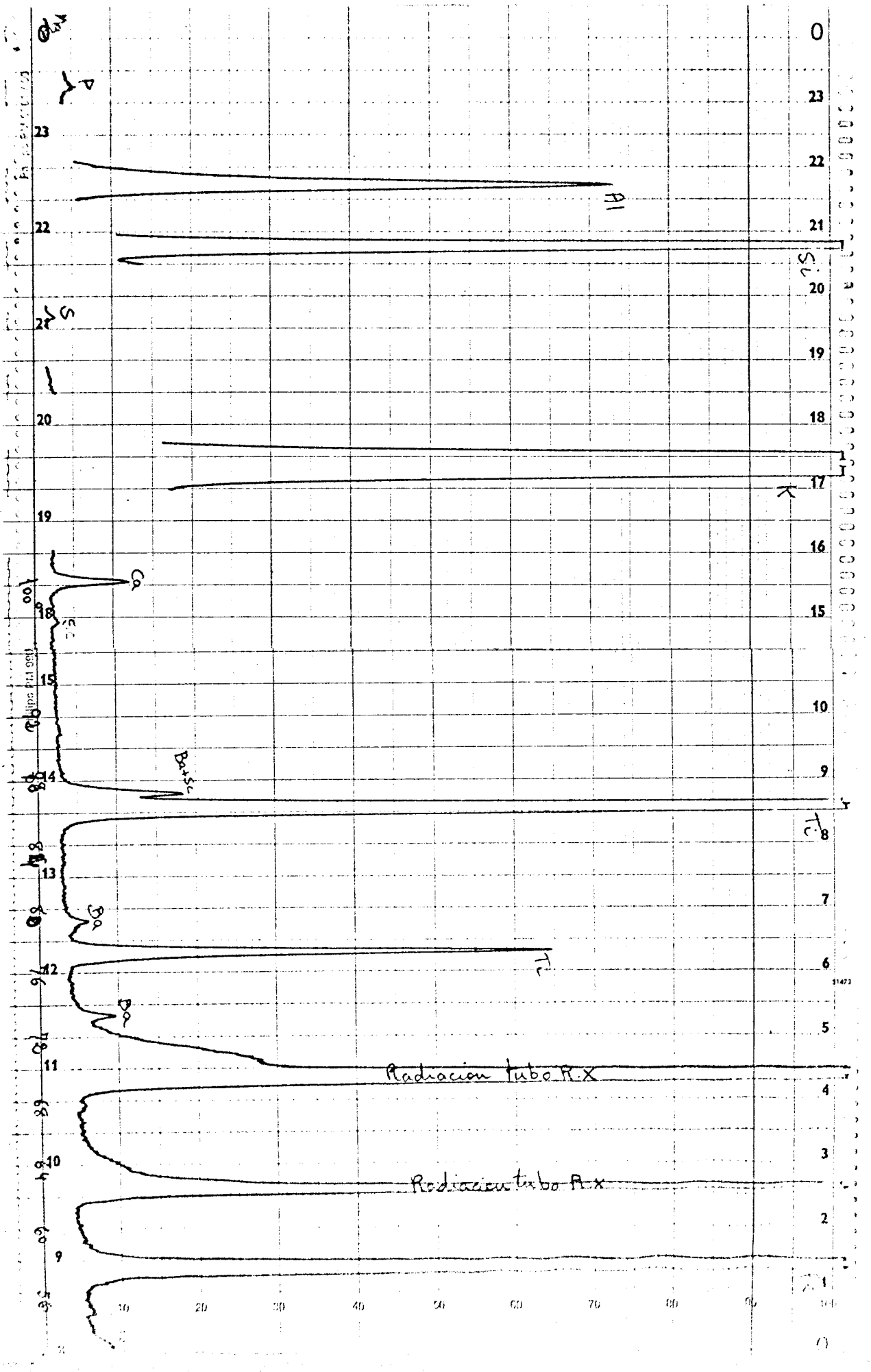
Ba-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe-Co

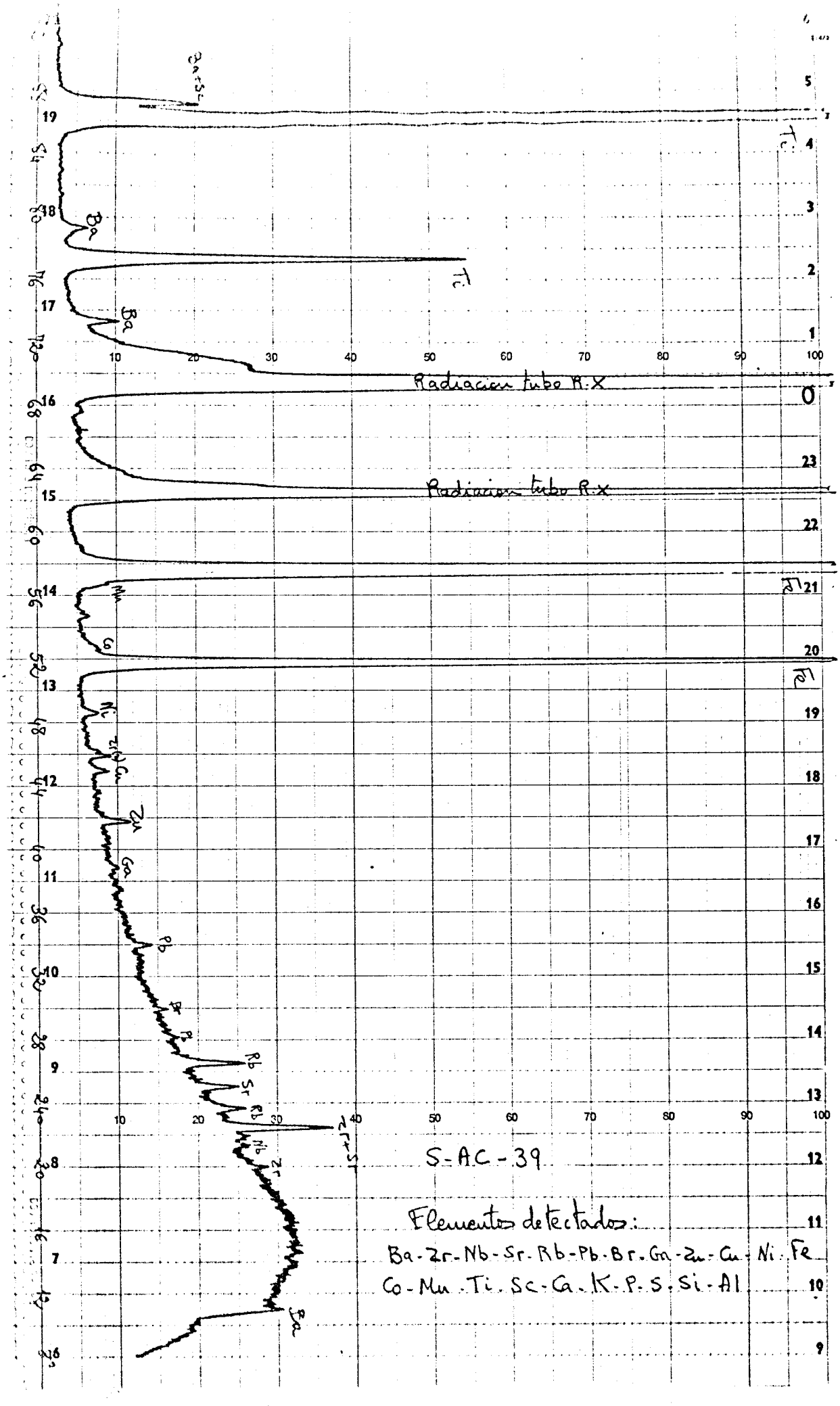
Ti-Sc-Ca-K-P-S-Si-Al-Mg



Al
Si
K
Ca
Sc
Ba+Sc
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Ni
Zn


Radiacion tubo R.X
Radiacion tubo R.x
Ba
Ti
Fe
Co
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Sr+Zr
Nb
Zr
S-AC-38
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Br-Pb-Ga-Zn-Cu-Ni-Fe
Co-Ti-Sc-Ca-K-P-S-Si-Al-Mg

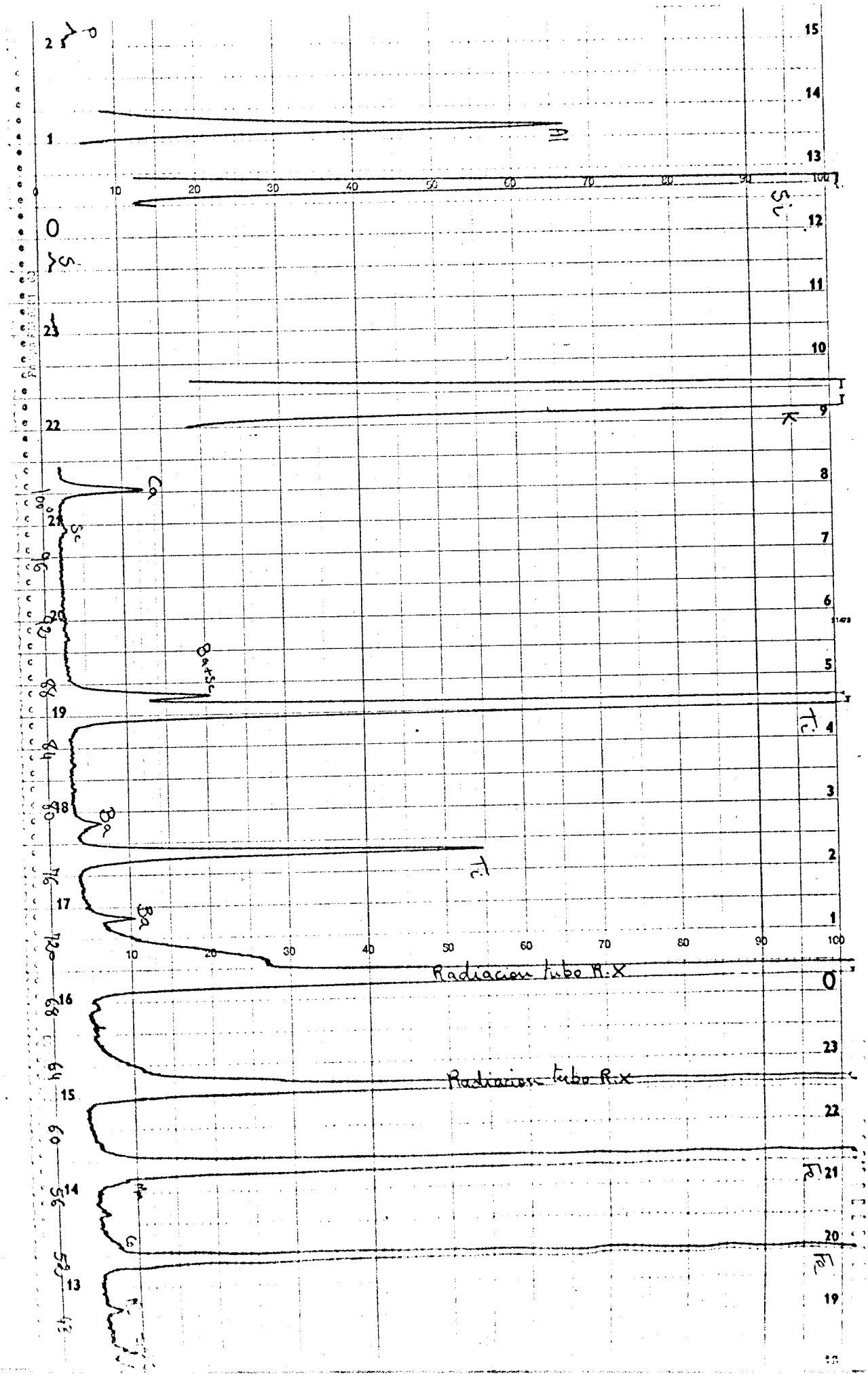

Al
Si
K
Ca
Ba+Sc
Ba
Ba
Ti
Radiacion tubo R.X
Radiacion tubo R.X

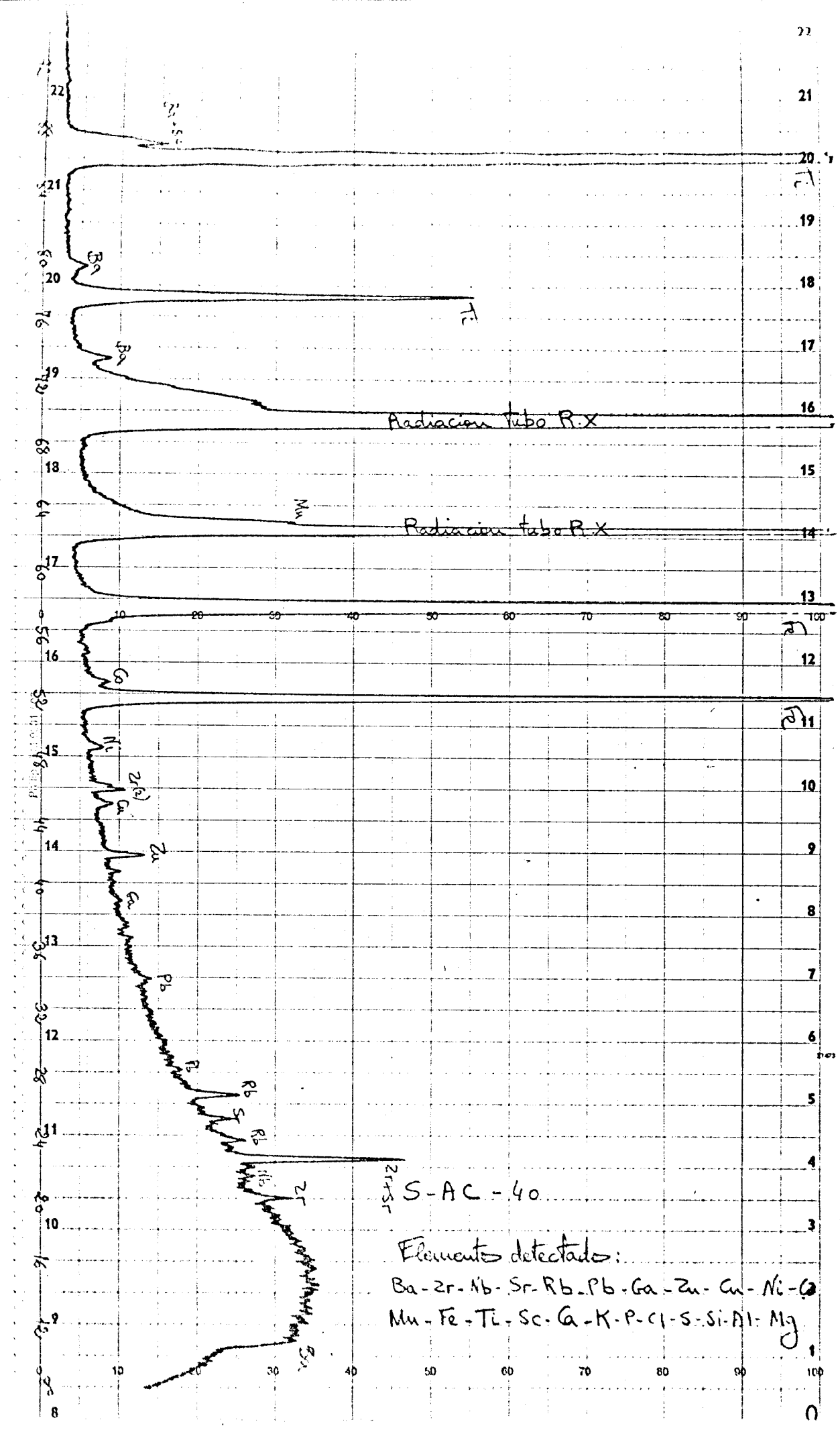


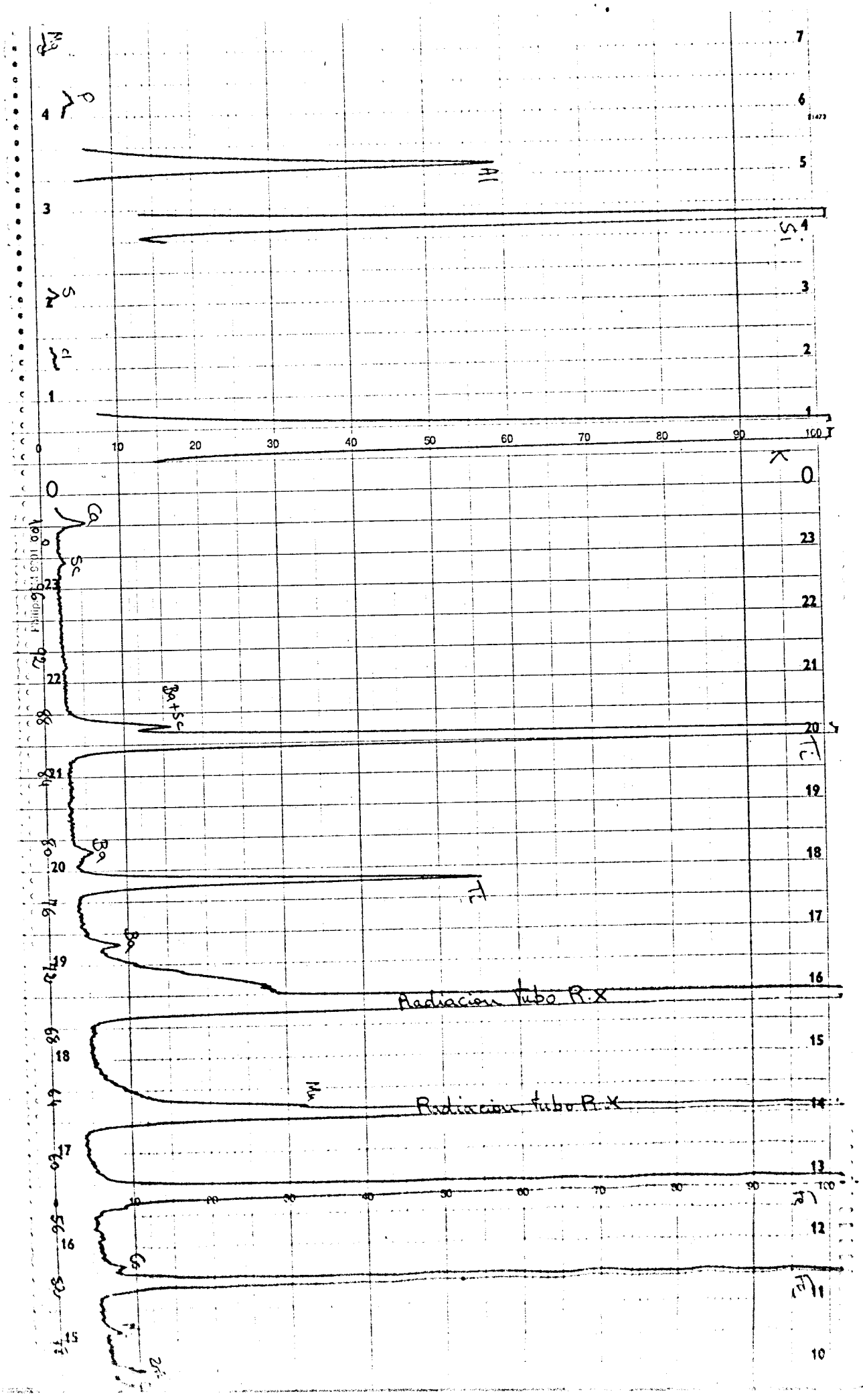
Elementos detectados:

Ba - Zr - Nb - Sr - Rb - Pb - Br - Ga - Zn - Cu - Ni - Fe

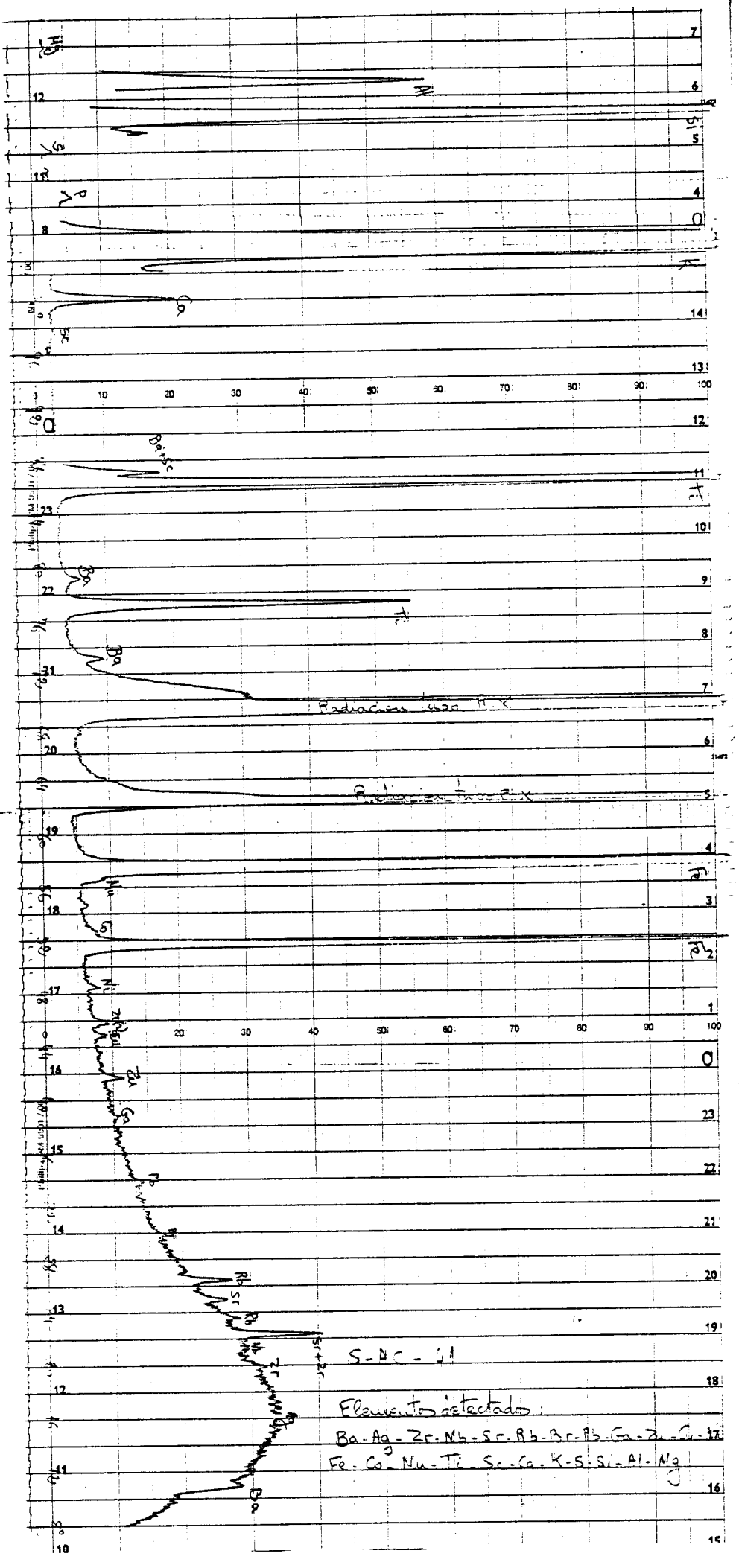
Co - Mn - Ti - Sc - Ca - K - P - S - Si - Al

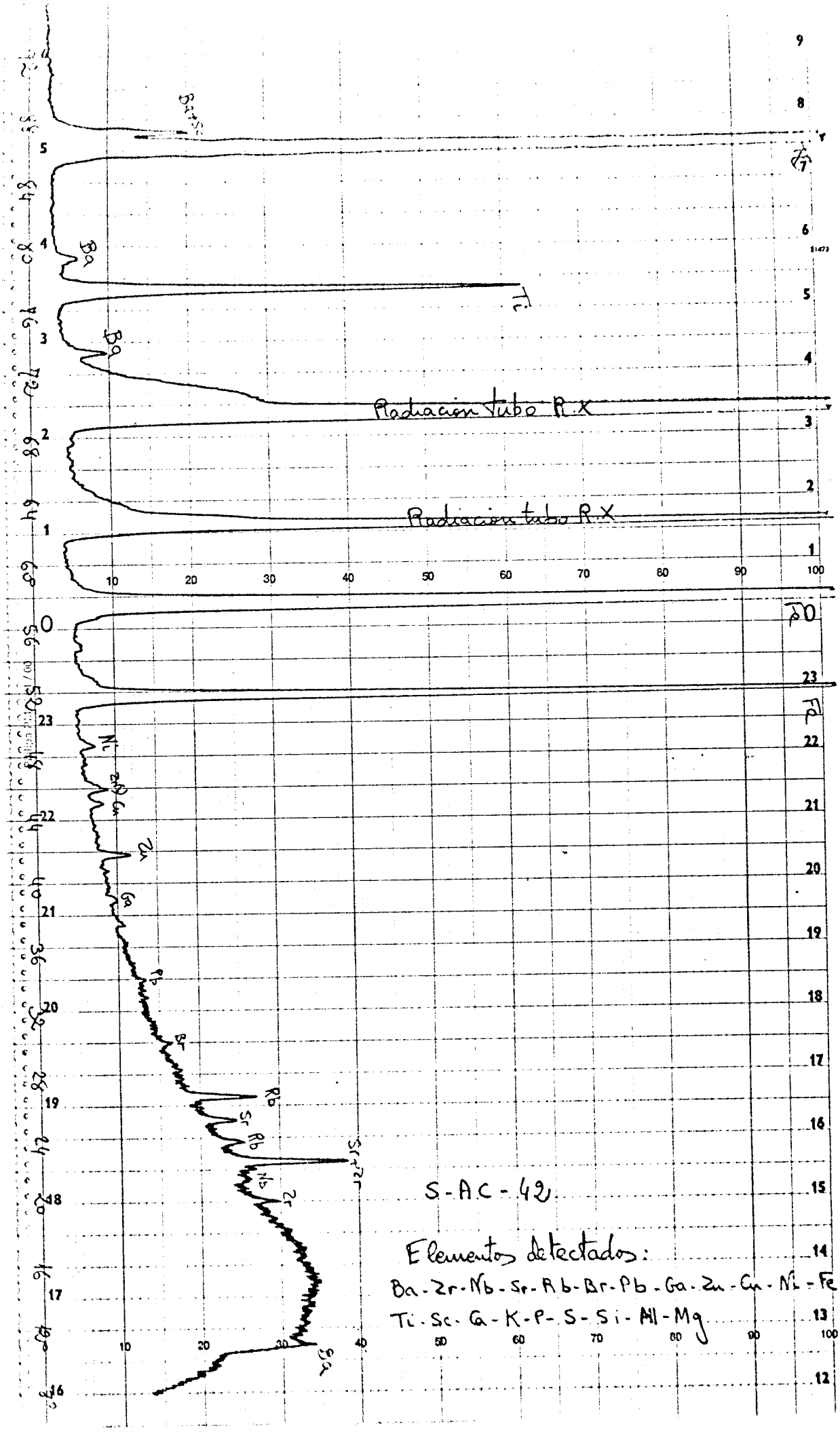

Ca
Sc
Ba+Sc
Ba
Ba
Ti
Ti
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
10
20
30
40
50
60
70
80
90
100


Ba
Ti
Ba
Radiacion tubo R.X
Mn
Radiacion tubo R.X
Ca
Ni
Zr(e)
Ca
Zn
Ga
Pb
Rb
Sr
Rb
Rb
Zr
Zr+Sr
S-AC-40
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Co
Mn-Fe-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg



Al
Si
K
Ca
Sc
Ba+Sc
Ti
Ba
Radiacion tubo R.X
Mn
Radiacion tubo R.X
Fe
Co


Radiación tubo R.X
Radiación tubo R.X
S-AC-41
Elementos detectados:
Ba-Ag-Zr-Nb-Sr-Rb-Br-Pb-Ga-Zn-Cu-
Fe-Co-Nu-Ti-Sc-Ca-K-S-Si-Al-Mg

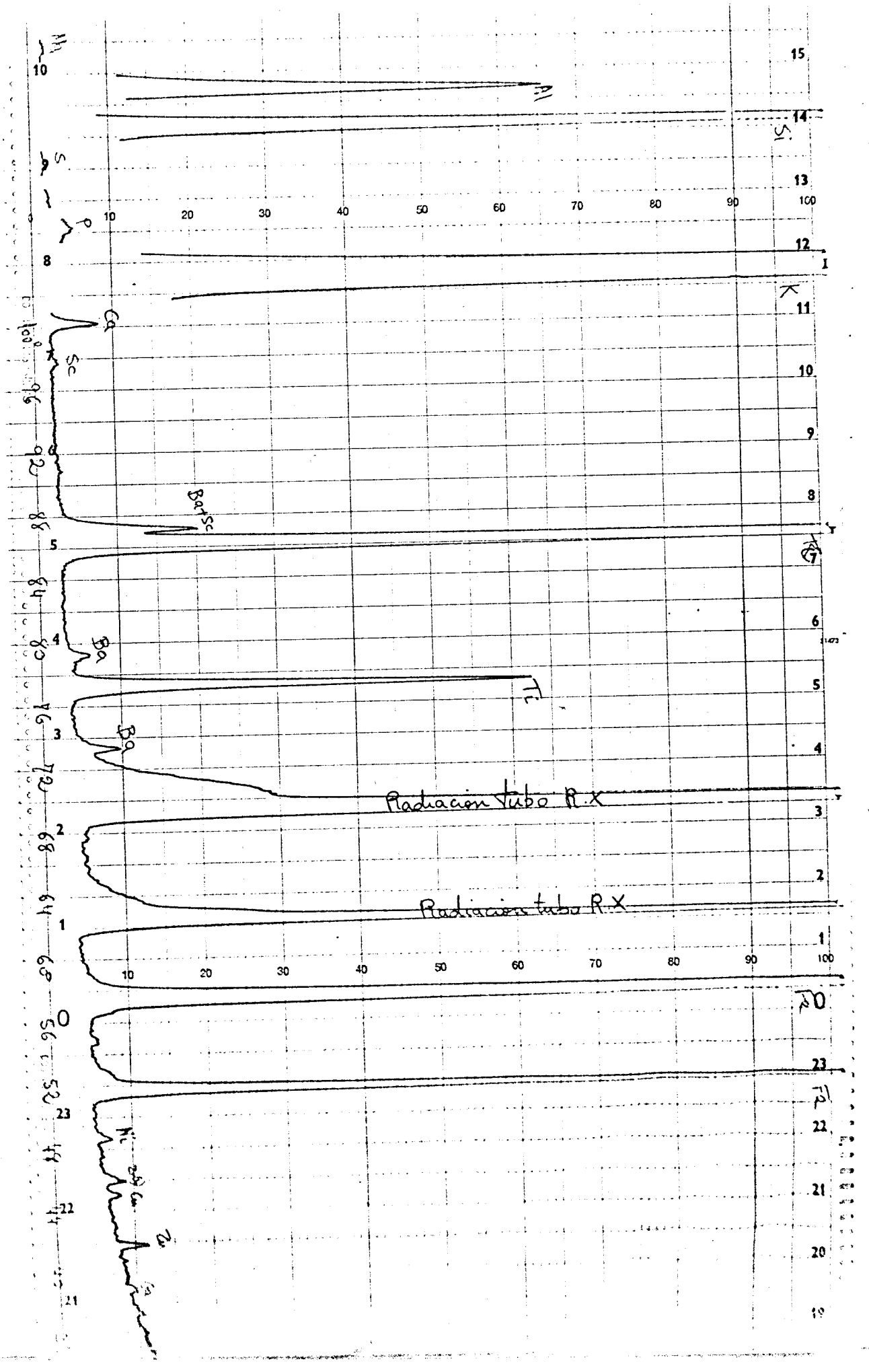


S-AC-42

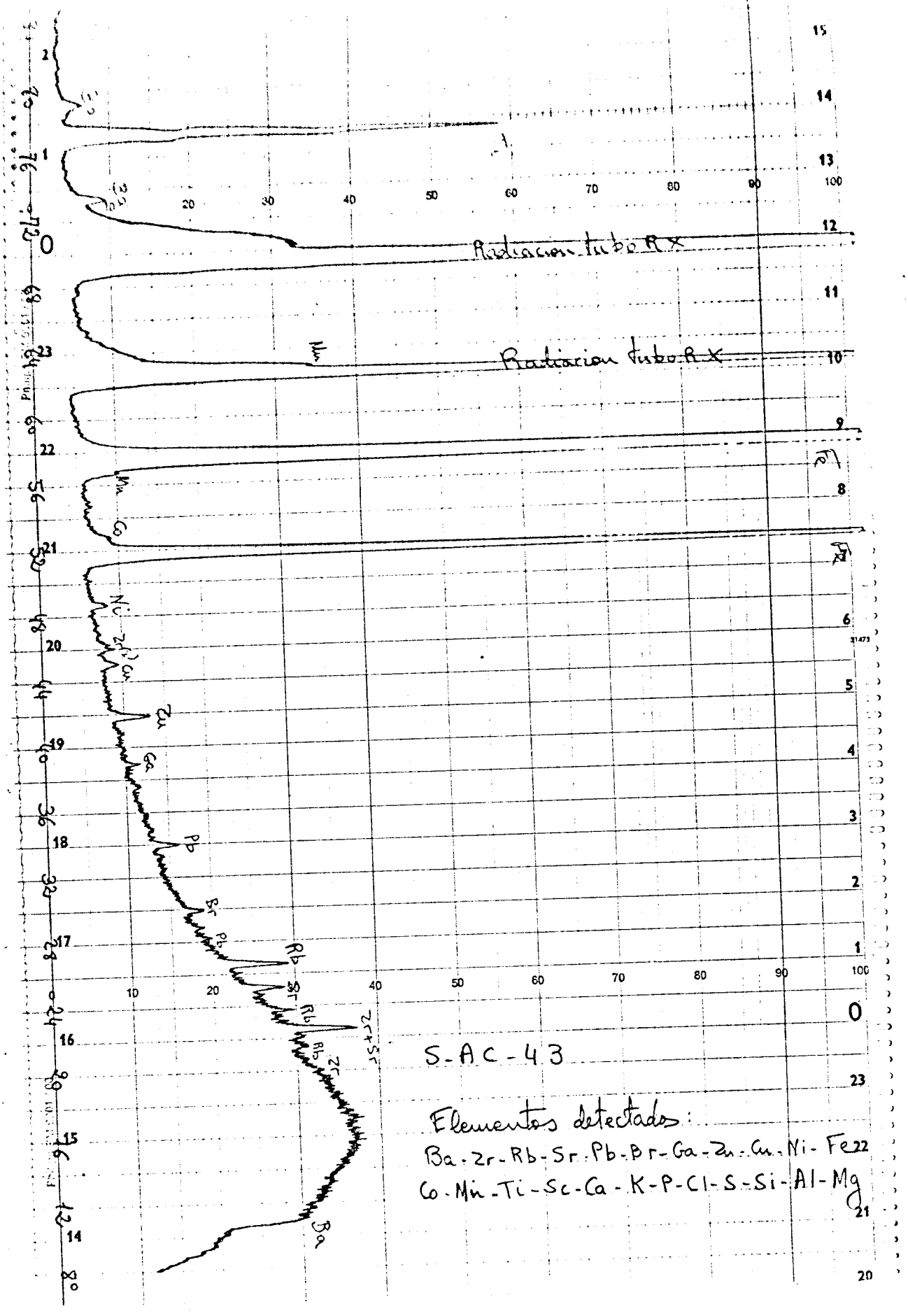
Elementos detectados:

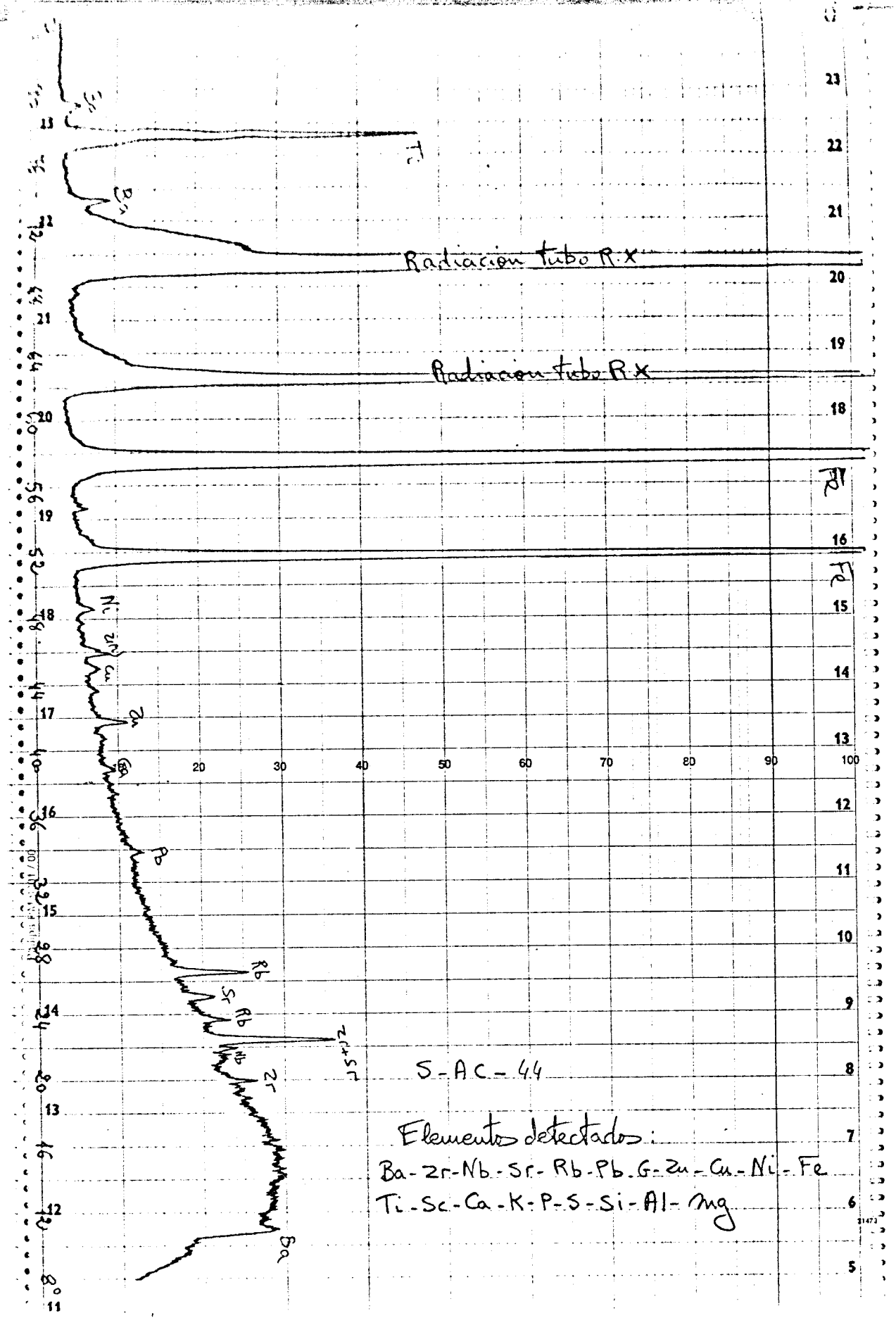
Ba - Zr - Nb - Sr - Rb - Br - Pb - Ga - Zn - Cu - Ni - Fe.

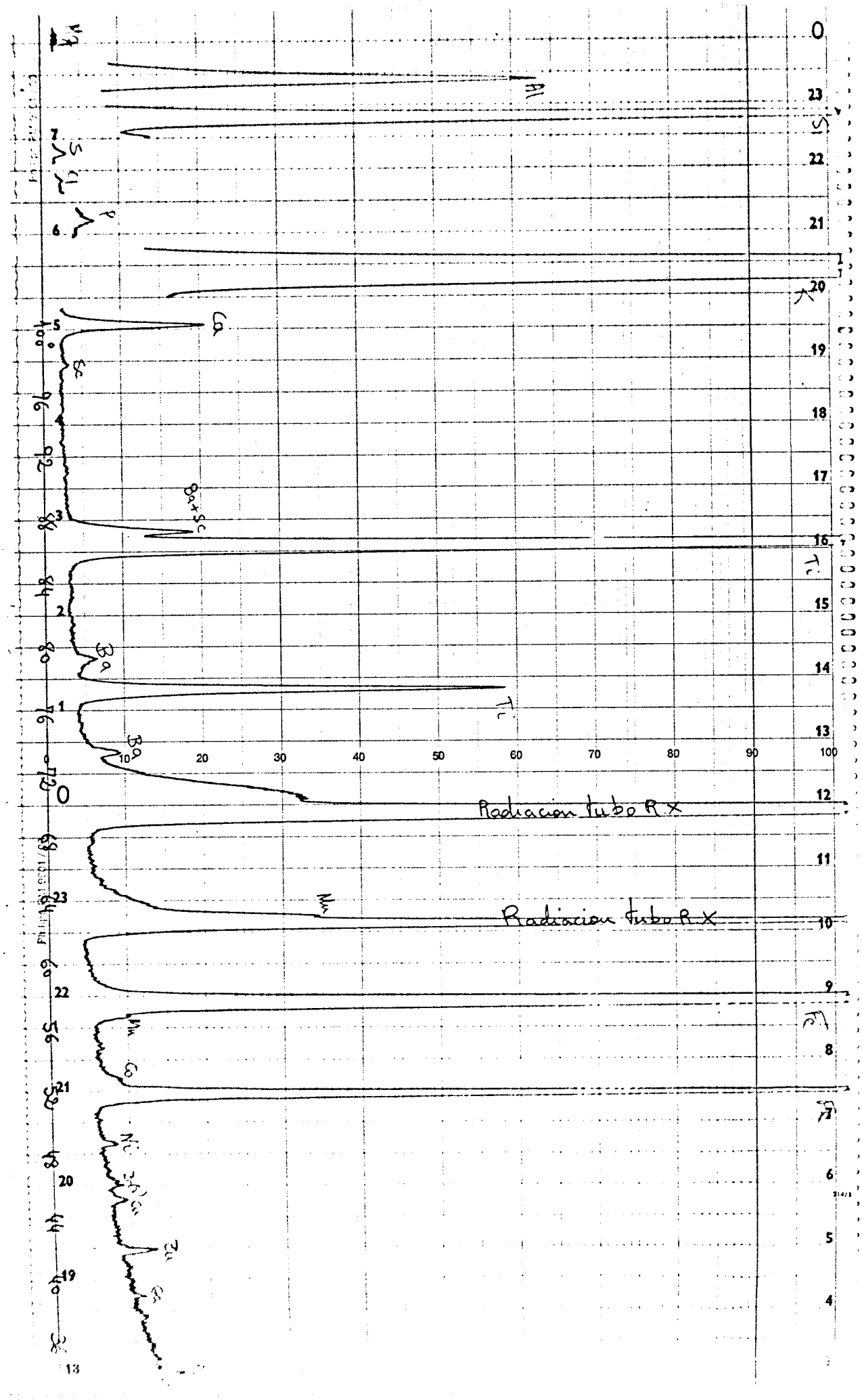
Ti - Sc - Ca - K - P - S - Si - Al - Mg



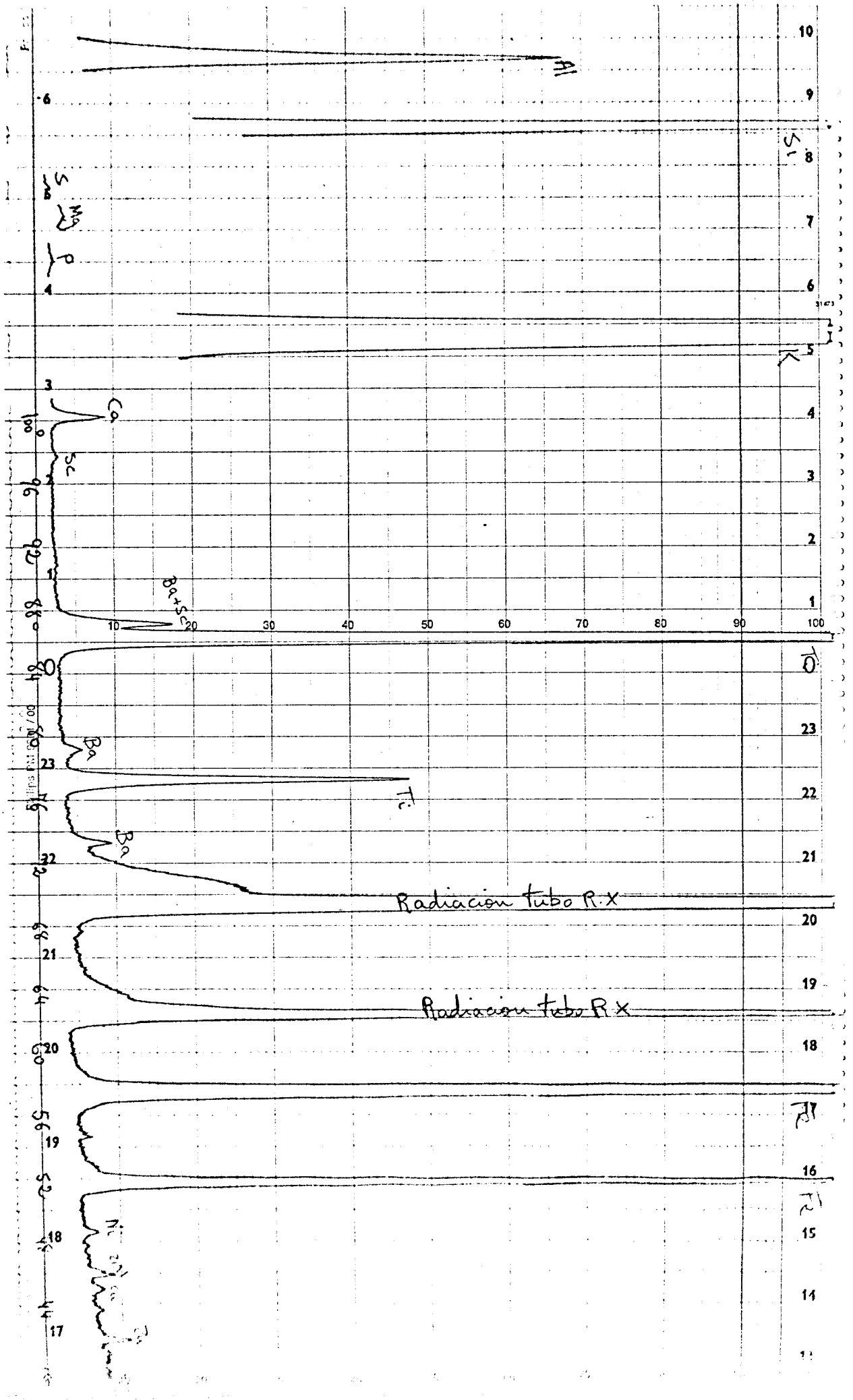
Al
Si
K
Ca
Sc
Ba+Sc
Ba
Ti
Radiacion tubo R.X
Radiacion tubo R.X


Radiacion tubo RX
Radiacion tubo RX
Mn
Co
Ni
Zr
Cu
Zn
Ga
Pb
Br
Pb
Rb
Sr
Rb
Zr+Sr
Rb
Zr
Ba
Fe
Fe
S-AC-43
Elementos detectados:
Ba-Zr-Rb-Sr-Pb-Br-Ga-Zn-Cu-Ni-Fe
Co-Mn-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg

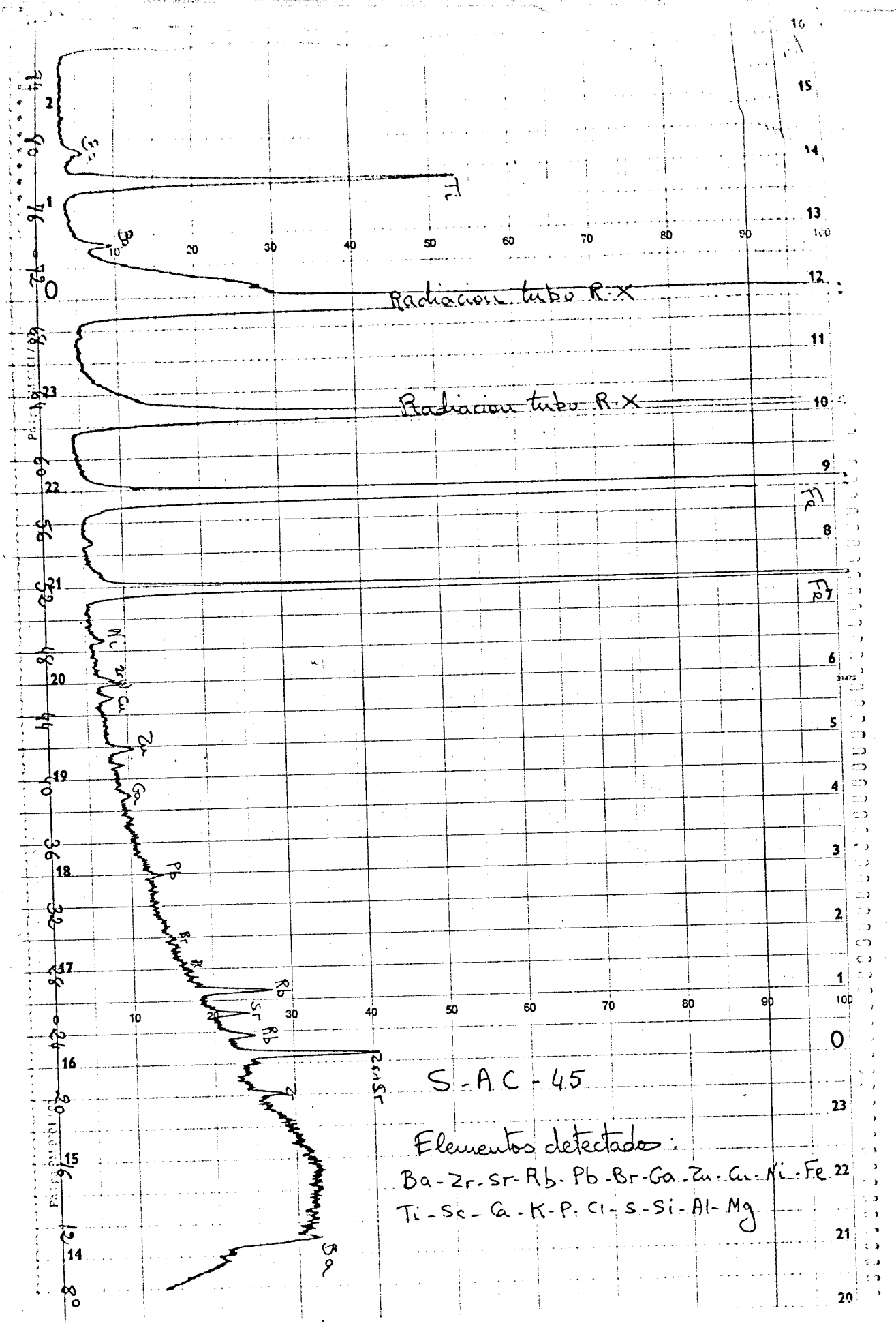

Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
Ni
Zn
Cu
Zn
Pb
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ba
20
30
40
50
60
70
80
90
100
S-AC-44
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-G-Zn-Cu-Ni-Fe
Ti-Sc-Ca-K-P-S-Si-Al-Mg



Al
Si
P
K
Ca
Sc
Ba+Sc
Ti
Ba
Ti
Ba
Radiacion tubo R X
Mn
Radiacion tubo R X
Mn
Co
Fe
Ni
Zn
Cu
Zn
Ga
10
20
30
40
50
60
70
80
90
100



Al
Si
S
Mg
P
K
Ca
Sc
Ba+Sc
Ti
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
Ni

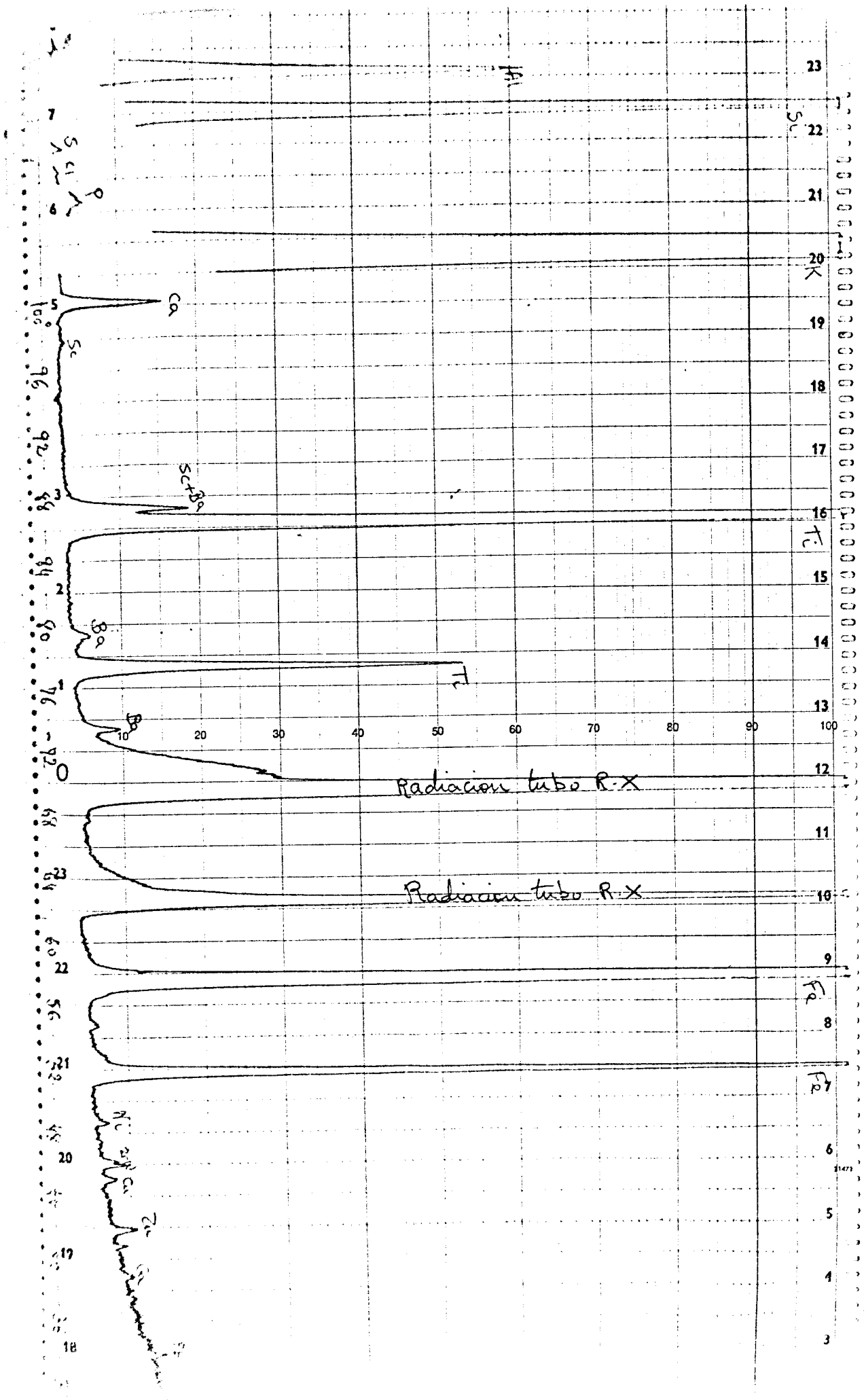


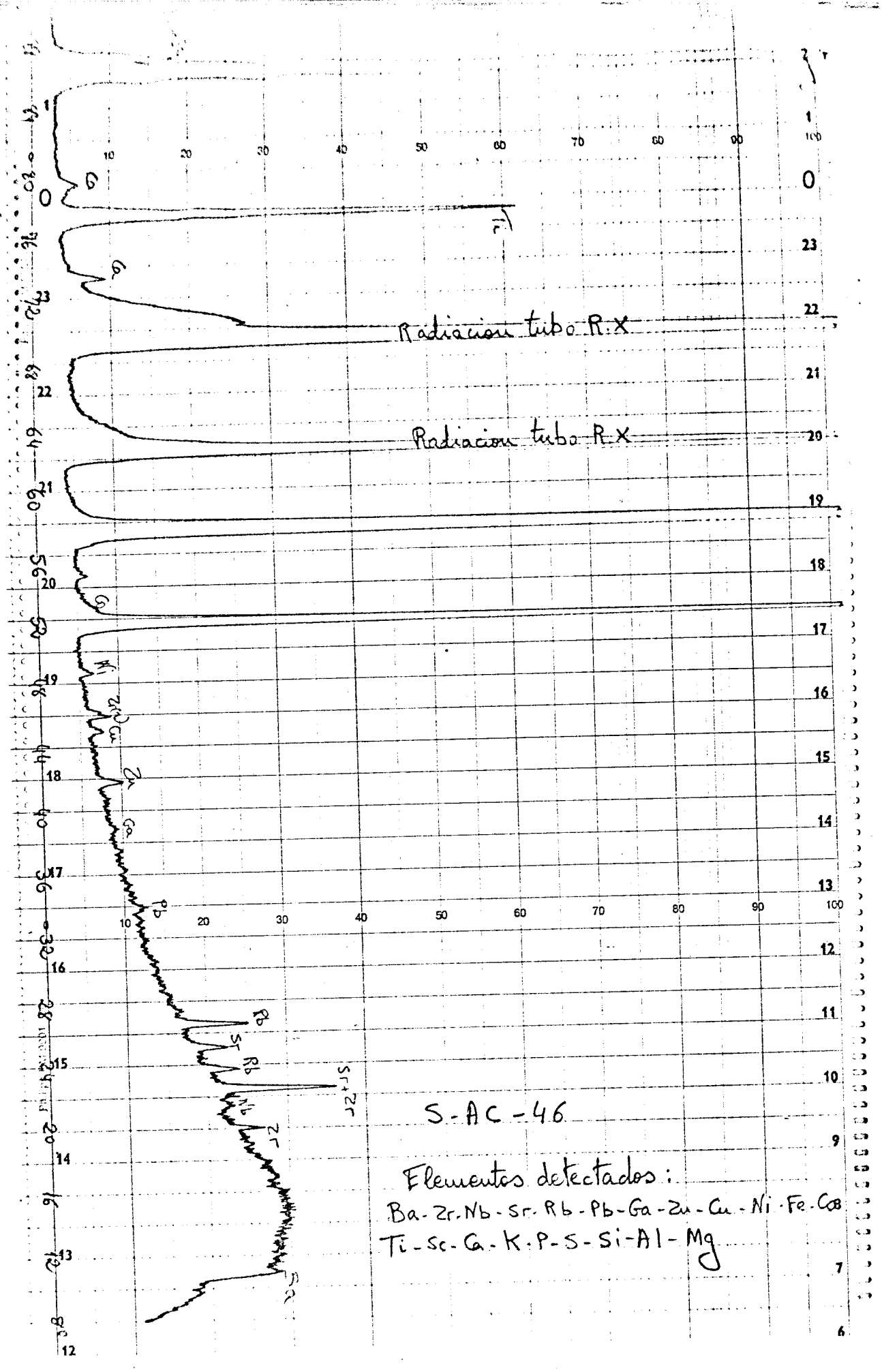
S-AC-45

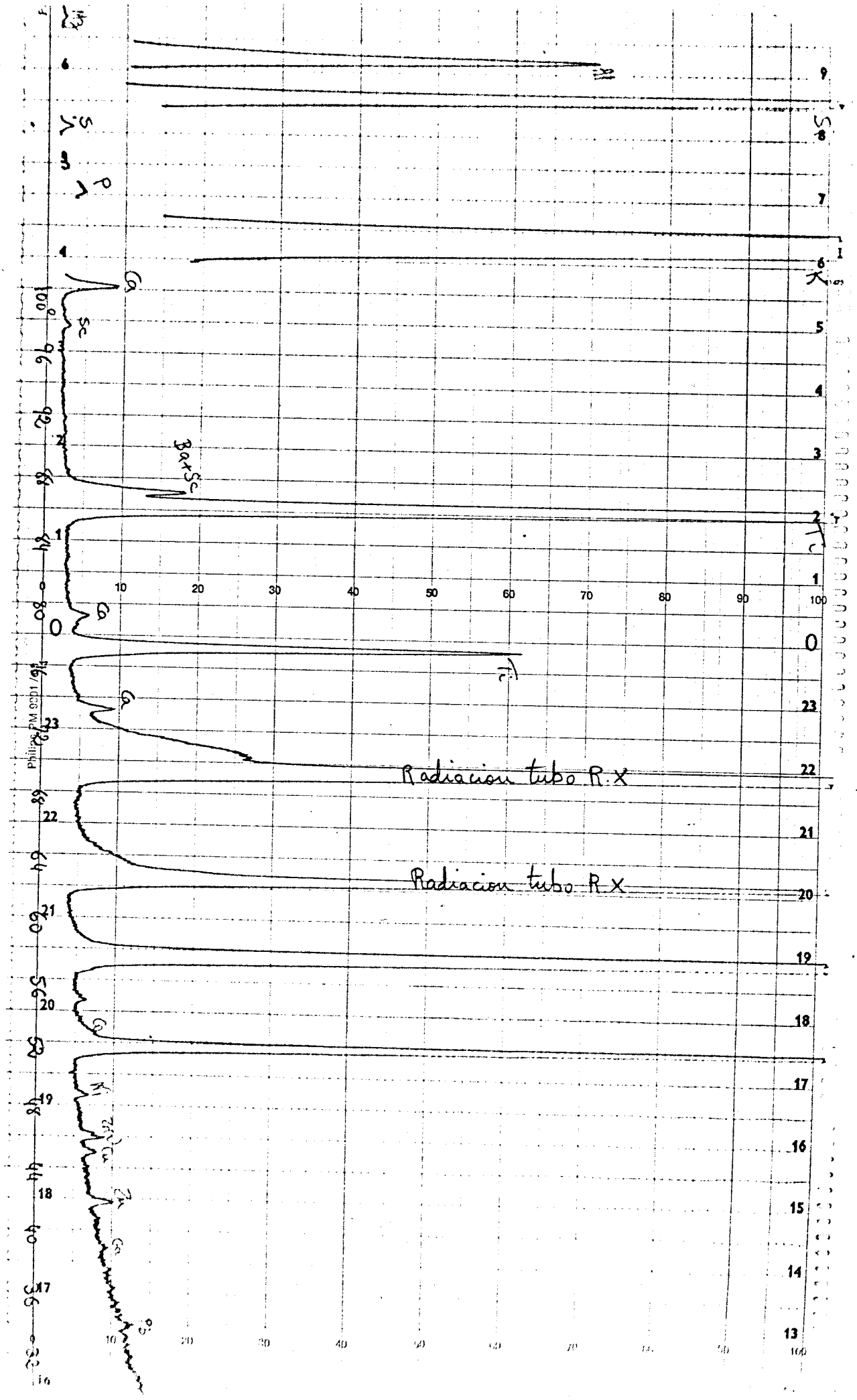
Elementos detectados:

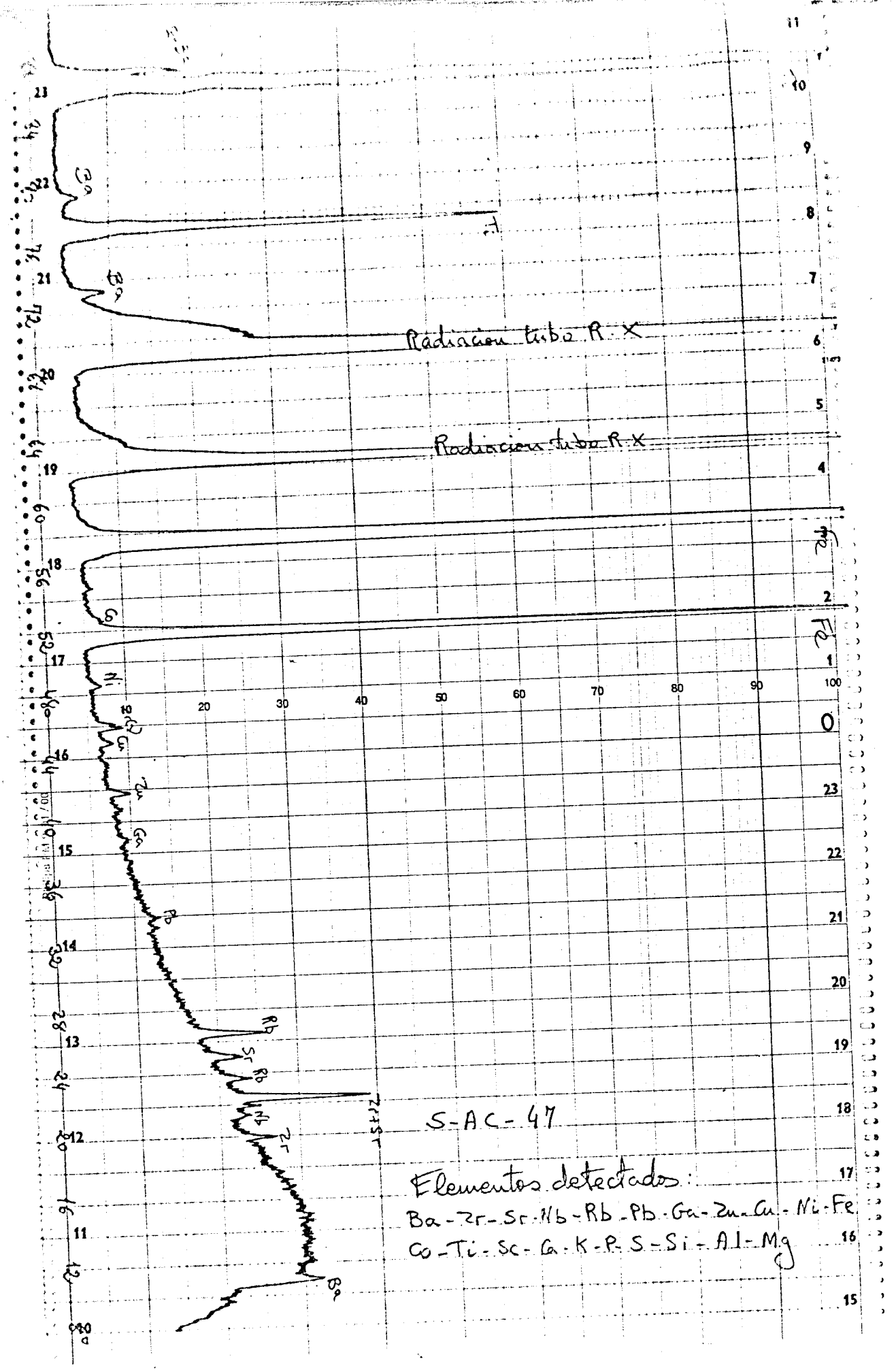
Ba-Zr-Sr-Rb-Pb-Br-Ga-Zn-Cu-Ni-Fe

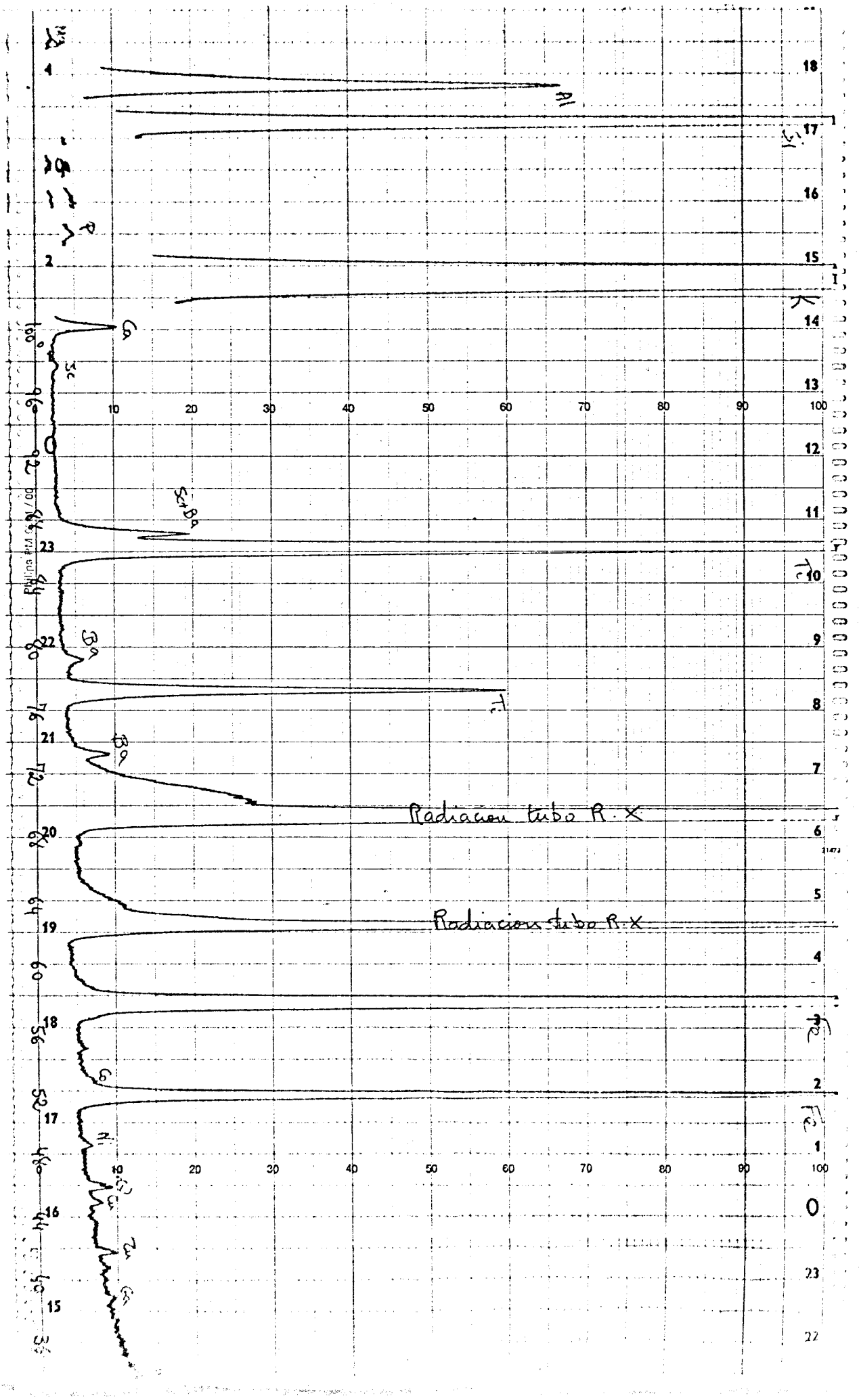
Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg


Al
Sc
K
Ca
Sc
Sc+Bg
Ti
Bg
Ti
Bg
10
20
30
40
50
60
70
80
90
100
Radiacion tubo R-X
Radiacion tubo R-X
Fe
Fe

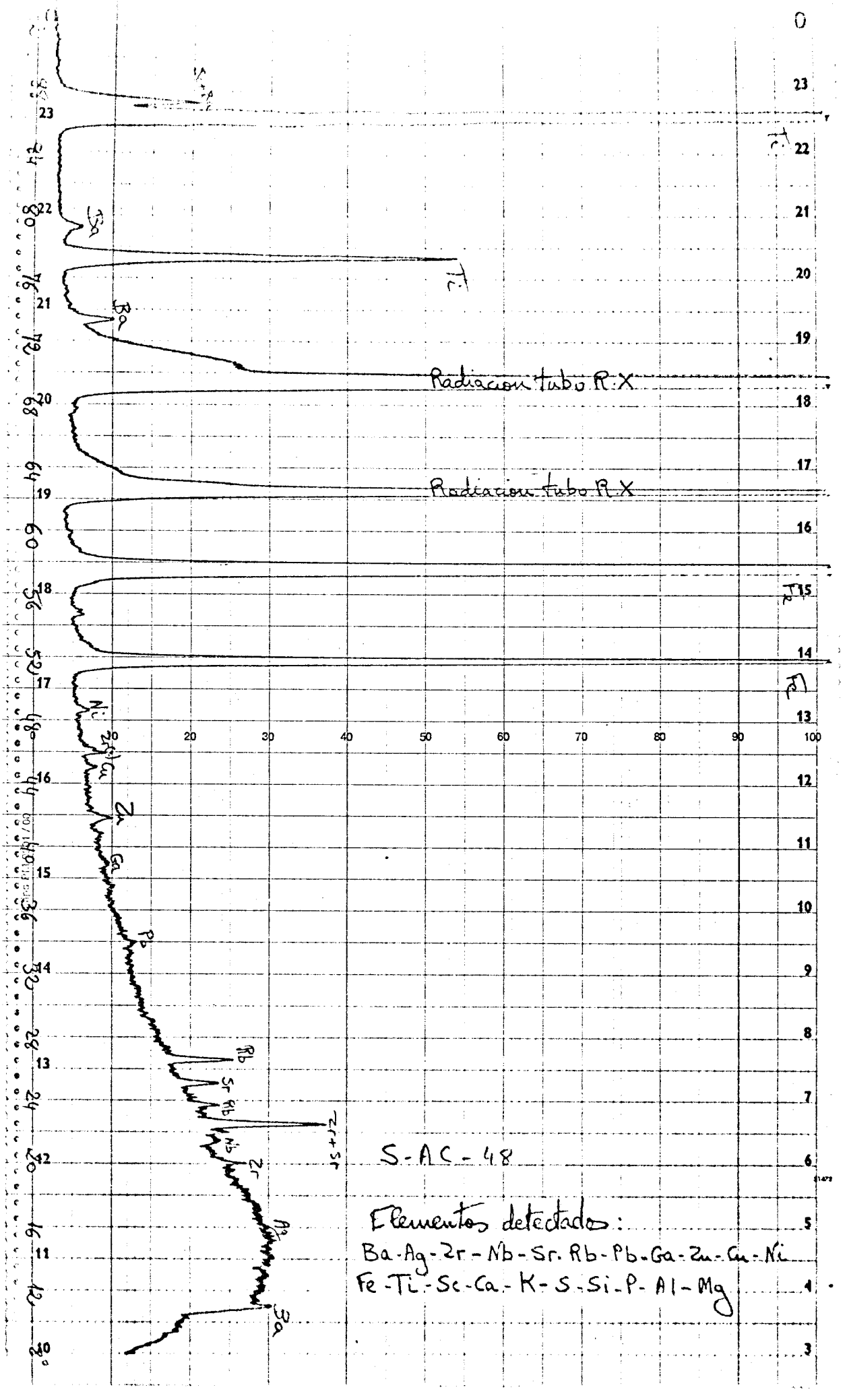

Radiacion tubo R.X
Radiacion tubo R.X
Ni
Zn
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Nb
Zr
Sr+Zr
S-AC-46
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe-Co
Ti-Sc-Ca-K-P-S-Si-Al-Mg

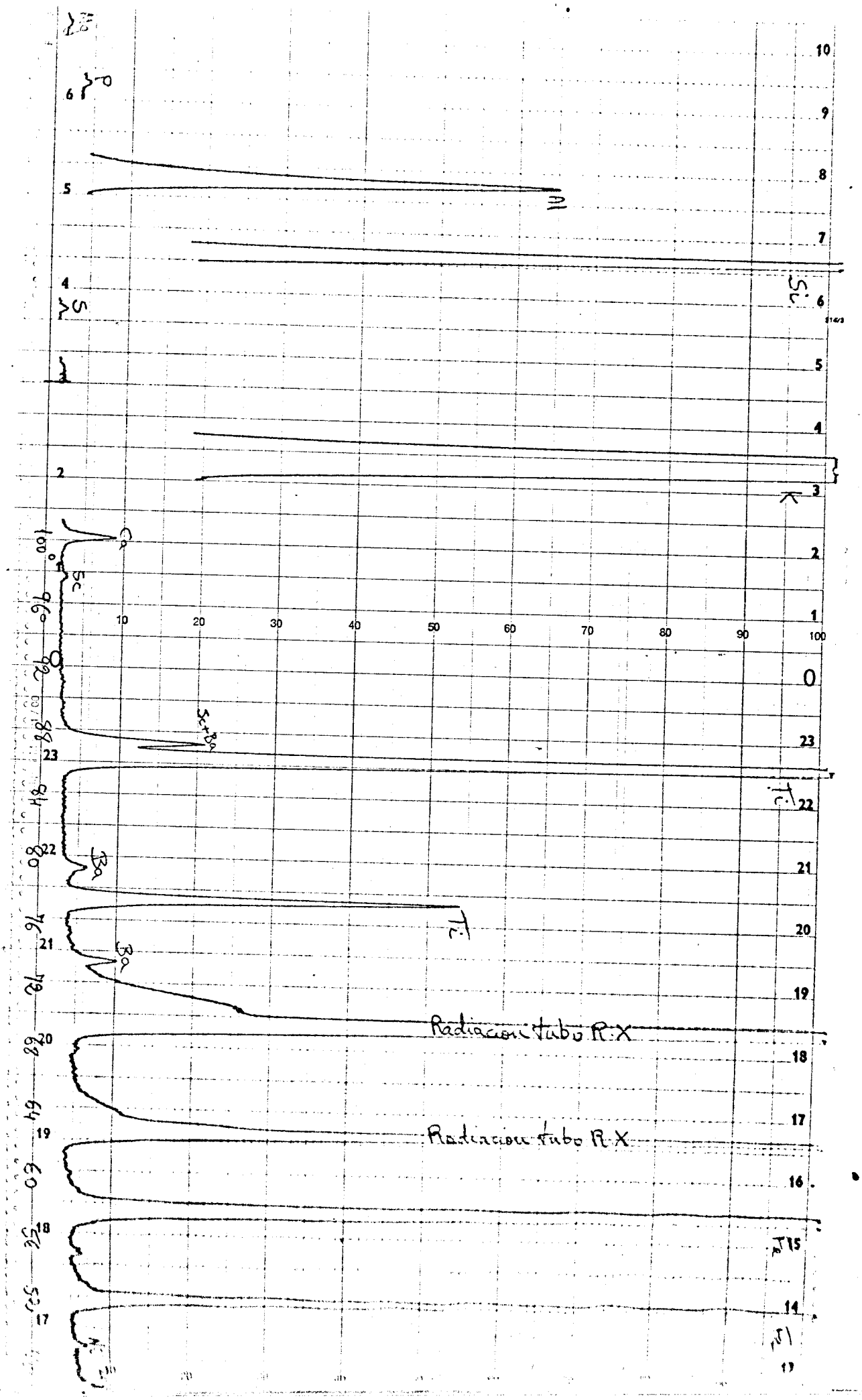

Radiacion tubo R.X
Radiacion tubo R.X

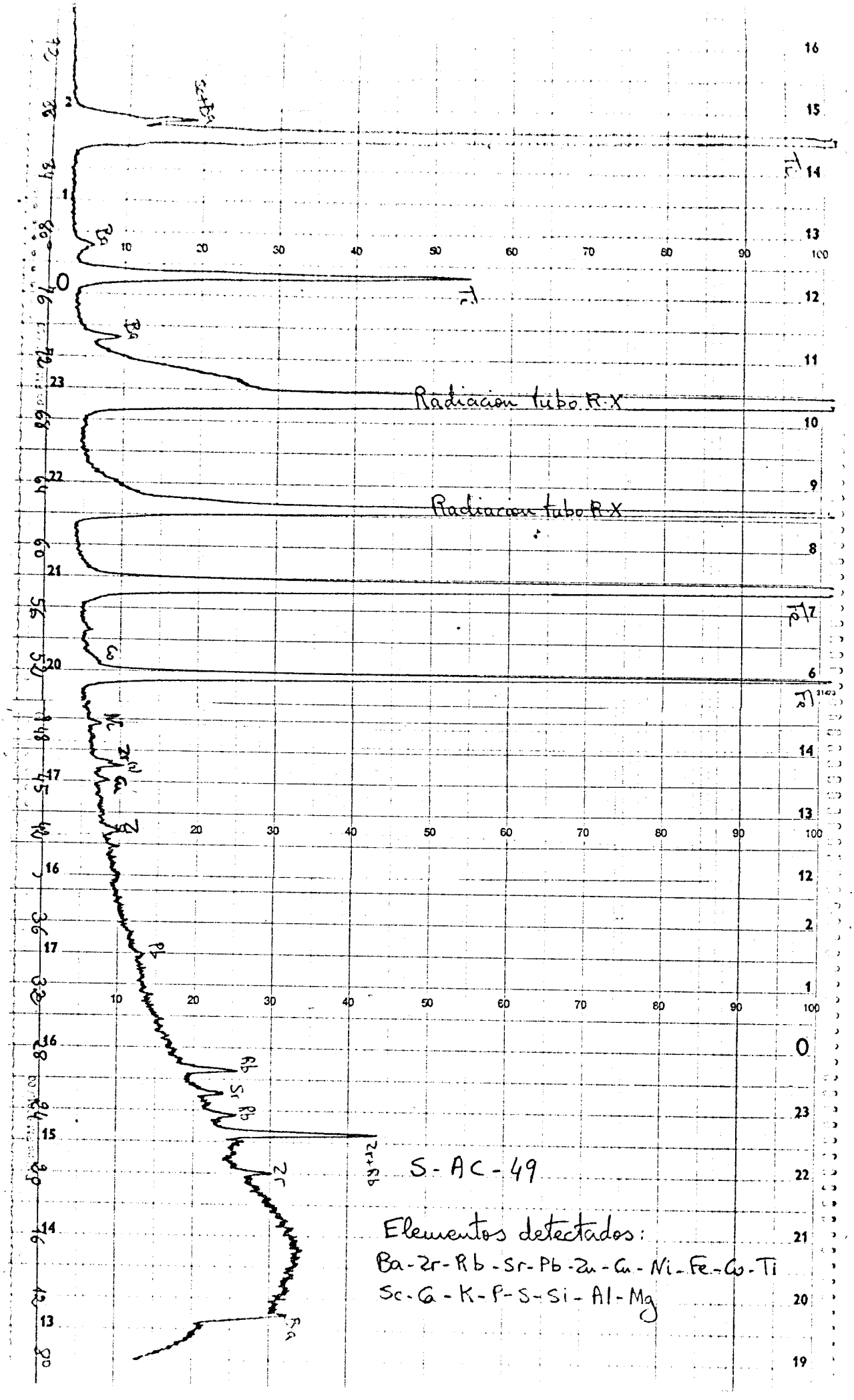

Ba
Ba
Radiacion tubo R-X
Radiacion tubo R-X
Co
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Nb
Zr
Ba
S-AC-47
Elementos detectados:
Ba - Zr - Sr - Nb - Rb - Pb - Ga - Zn - Cu - Ni - Fe
Co - Ti - Sc - Ca - K - P - S - Si - Al - Mg

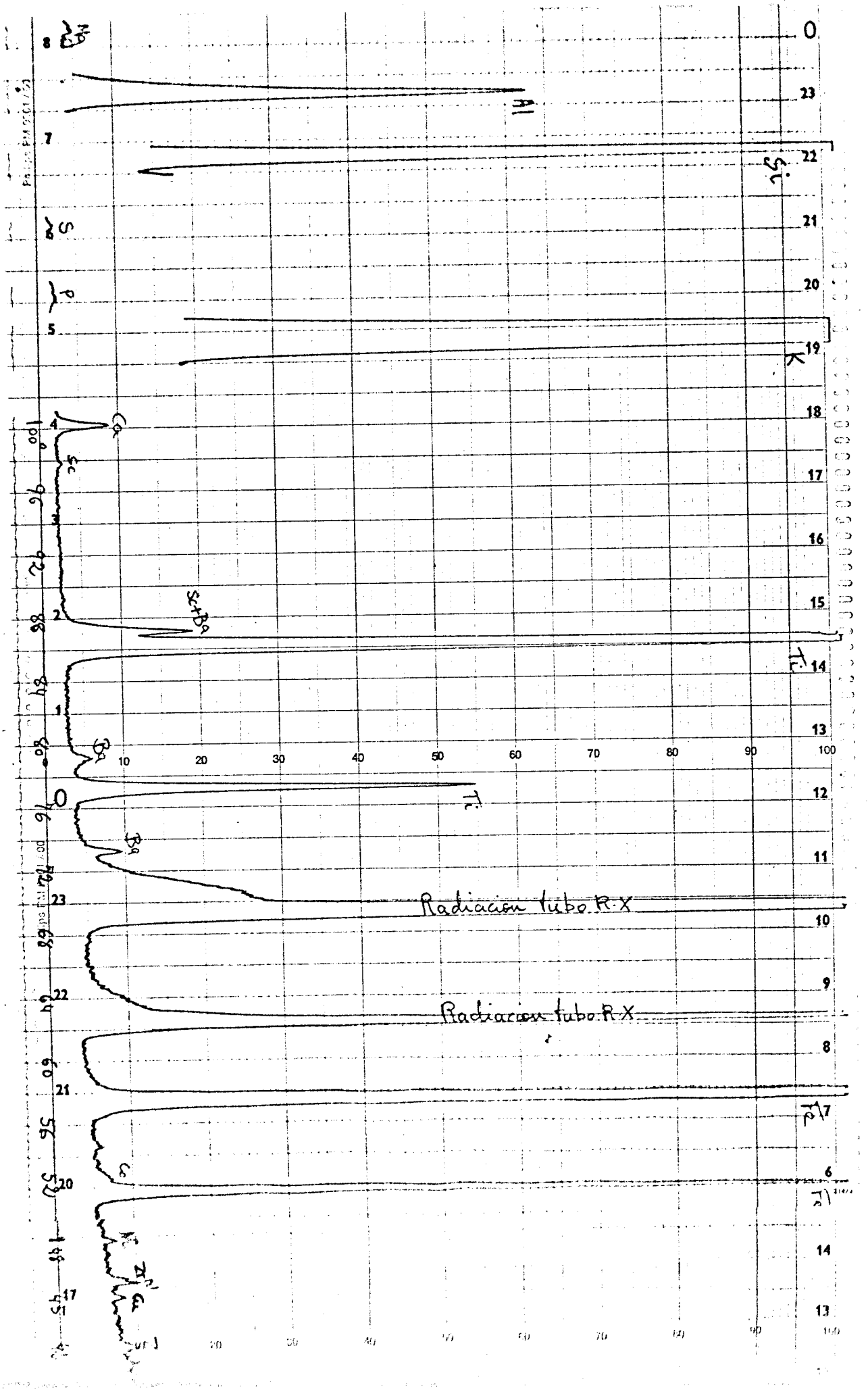


Al
Si
K
Ca
Sc
Sc+Ba
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
Ni
Cu
Zn
Ga
10
20
30
40
50
60
70
80
90
100

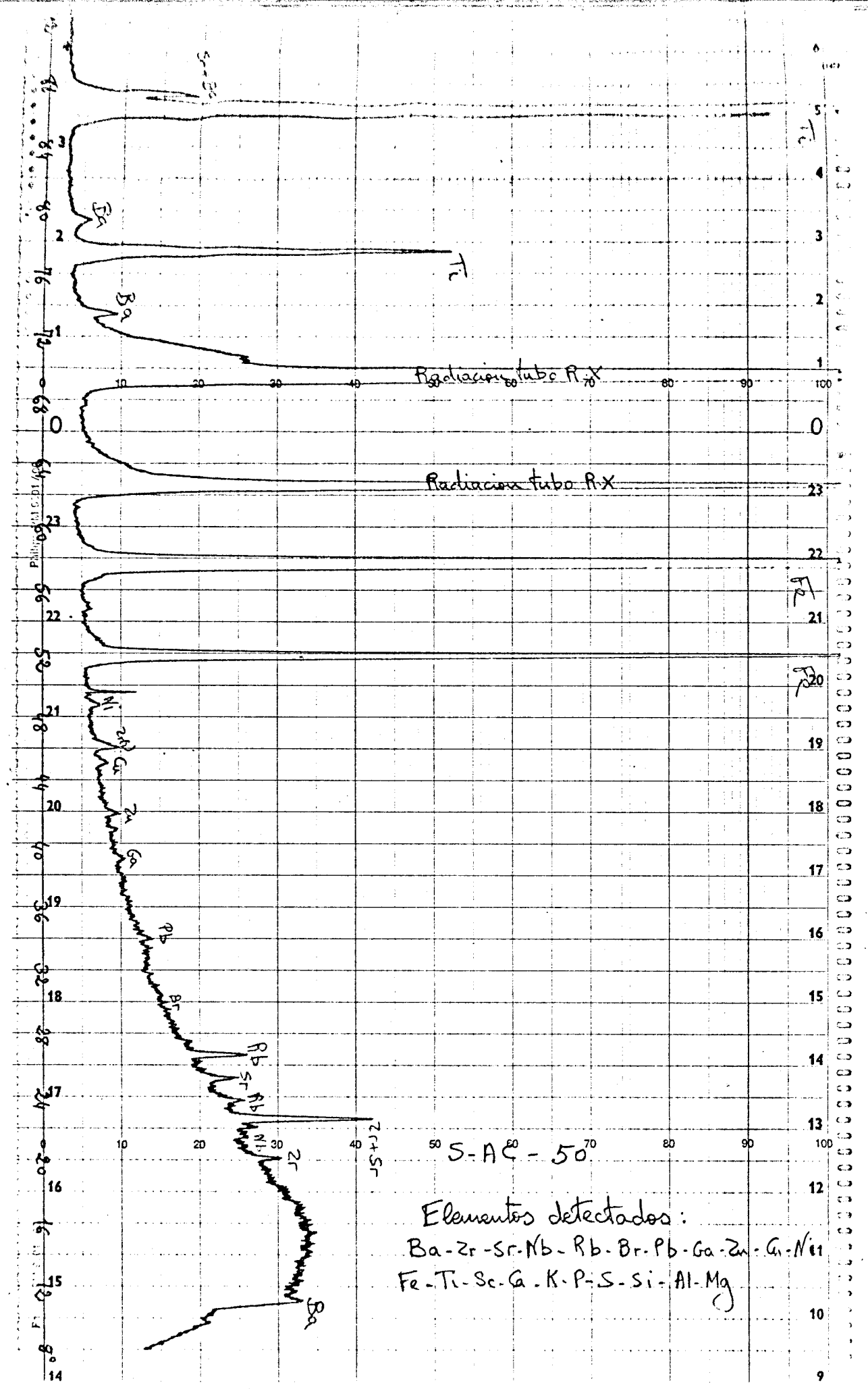

Ba
Ag
Radiacion tubo R.X
Radiacion tubo R.X
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Nb
Zr
Zr+Sr
Ag
Ba
S-AC-48
Elementos detectados:
Ba-Ag-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni
Fe-Ti-Sc-Ca-K-S-Si-P-Al-Mg

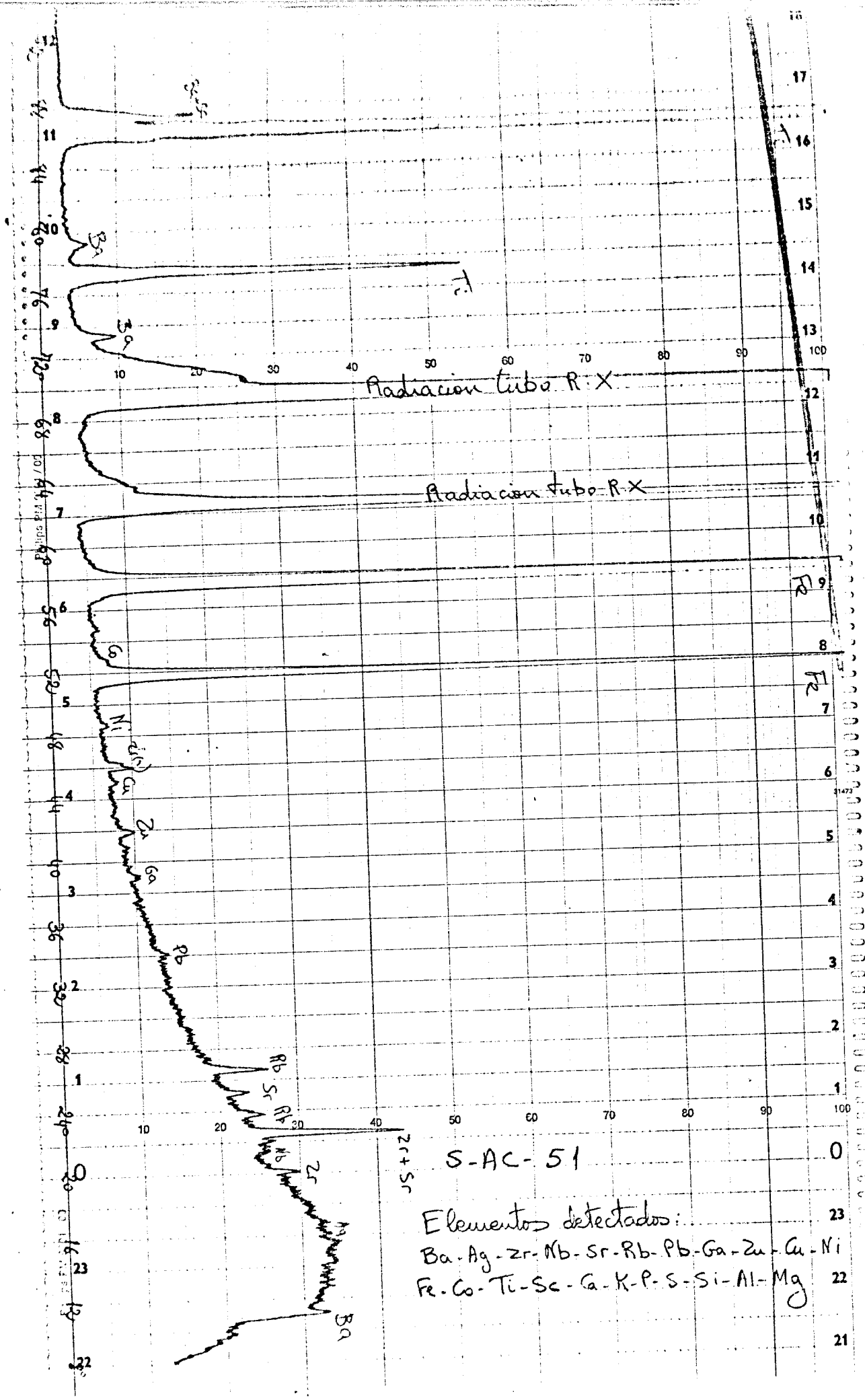

Sc
Sc+Ba
Ba
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Ti
Ti
Ti


Radiacion tubo R-X
Radiacion tubo R-X
S-AC-49
Elementos detectados:
Ba-Zr-Rb-Sr-Pb-Zn-Cu-Ni-Fe-Co-Ti
Sc-Ca-K-P-S-Si-Al-Mg



Al
Si
K
Ca
Sc
Sc+Ba
Ti
Ba
Radiacion tubo R-X
Radiacion tubo R-X
Fe
Co

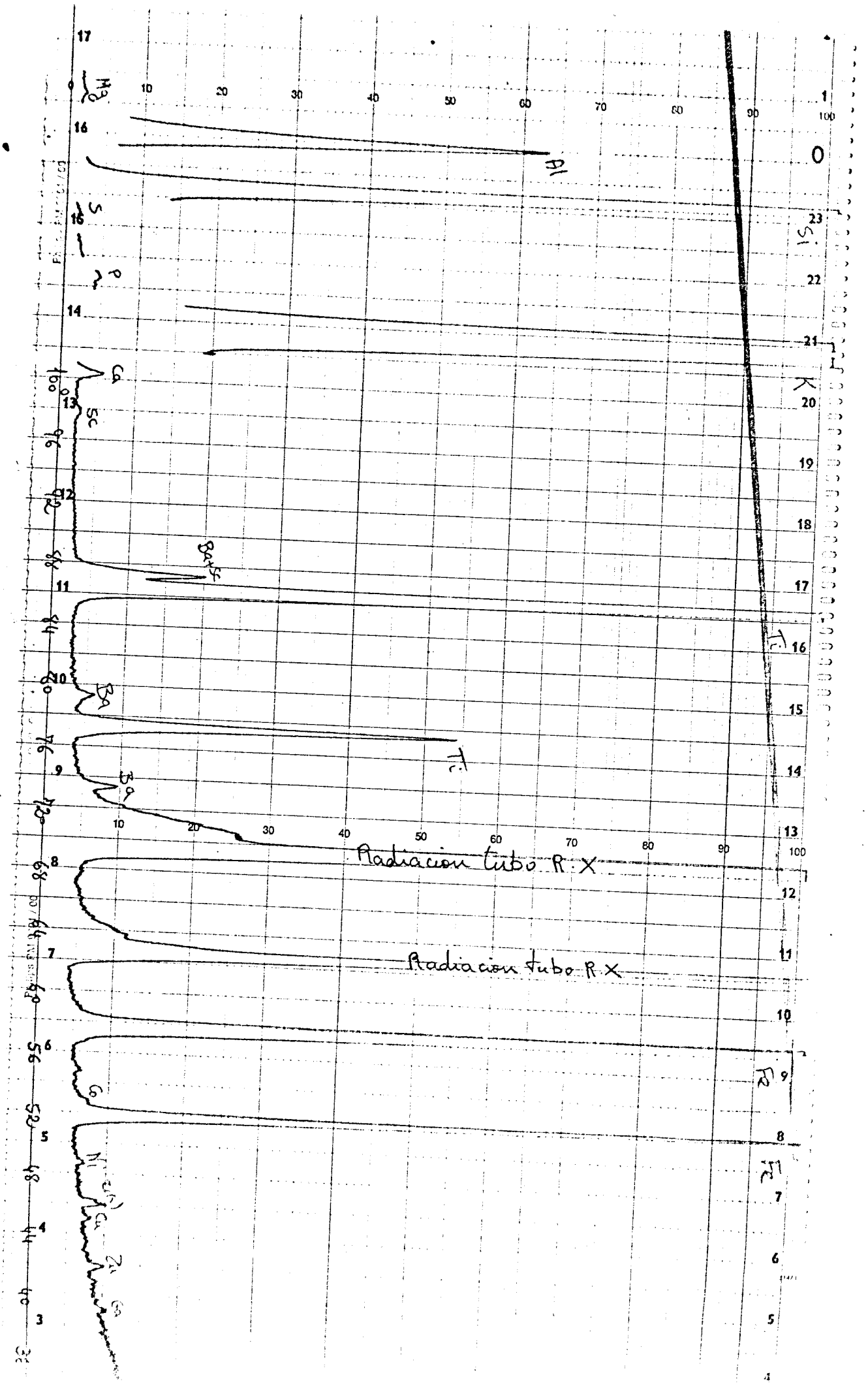

Ba
Ba
Ti
Radiacion tubo R.X
Radiacion tubo R.X
Ni
Zn
Ga
Zn
Ga
Pb
Br
Rb
Sr
Rb
Zr
Zr+Sr
Ba
S-AC-50
Elementos detectados:
Ba-Zr-Sr-Nb-Rb-Br-Pb-Ga-Zn-Cu-Ni
Fe-Ti-Sc-Ca-K-P-S-Si-Al-Mg

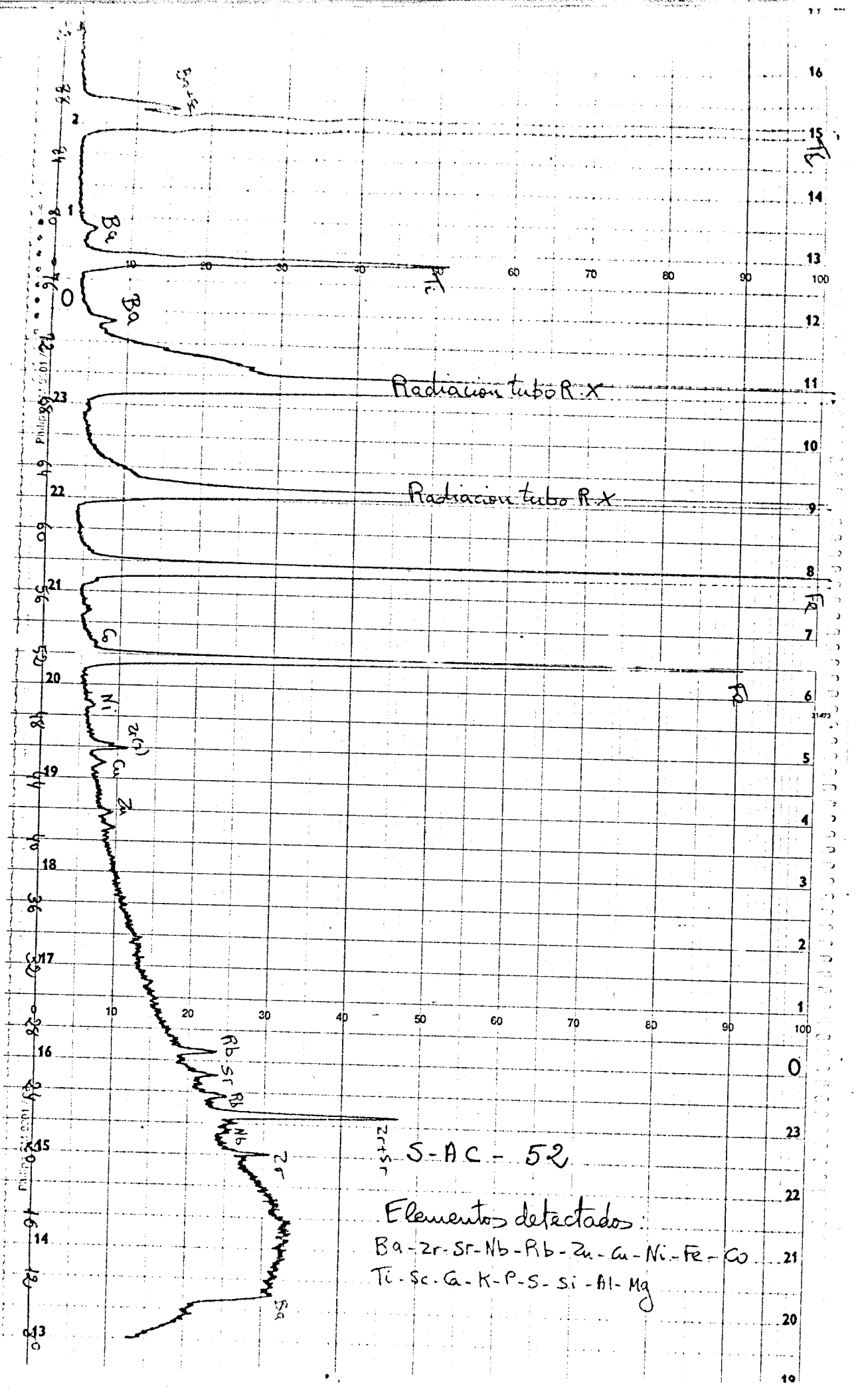


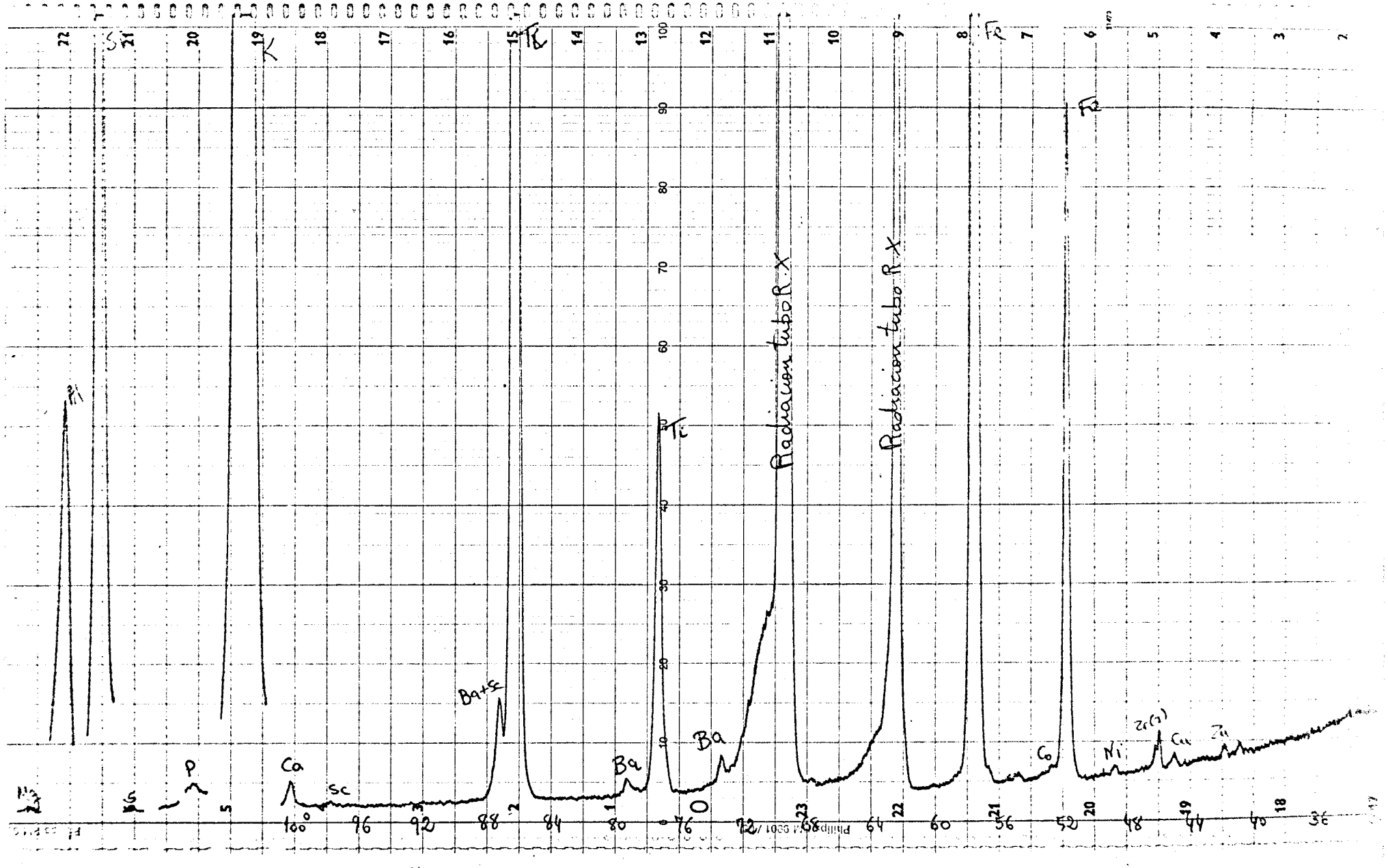
Elementos detectados:

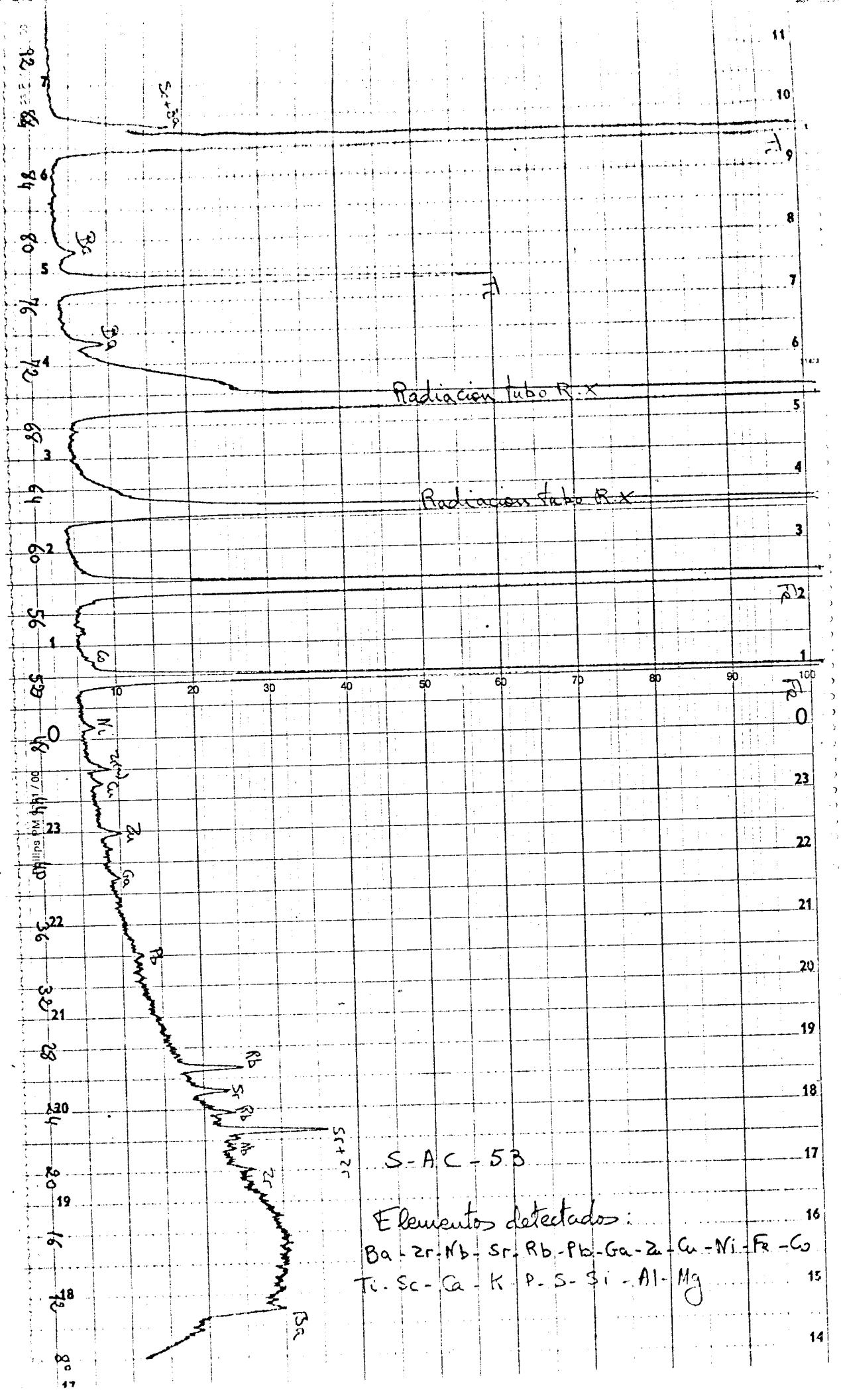
Ba - Ag - Zr - Nb - Sr - Rb - Pb - Ga - Zn - Cu - Ni

Fe - Co - Ti - Sc - Ca - K - P - S - Si - Al - Mg


Mg
Al
Si
P
S
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
Ge
As
Se
Br
Kr
Rb
Sr
Y
Zr
Nb
Mo
Ba+Sc
Ba
Ti
Fe
Radiacion tubo R X
Radiacion tubo R X


Radiacion tubo R.X
Radiacion tubo R.X
Ba
Ba
Ti
Fe
Fe
Co
Ni
Zr(?)
Cu
Zn
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ba
S-AC-52
Elementos detectados:
Ba-Zr-Sr-Nb-Rb-Zn-Cu-Ni-Fe-Co
Ti-Sc-Ca-K-P-S-Si-Al-Mg


Si
K
Fe
Fe
Radiacion tubo R-X
Radiacion tubo R-X
Ba+Sc
Ca
Sc
Ba
Ba
Co
Ni
Zr(2)
Cu
Zn
Ti
Ti
Ti

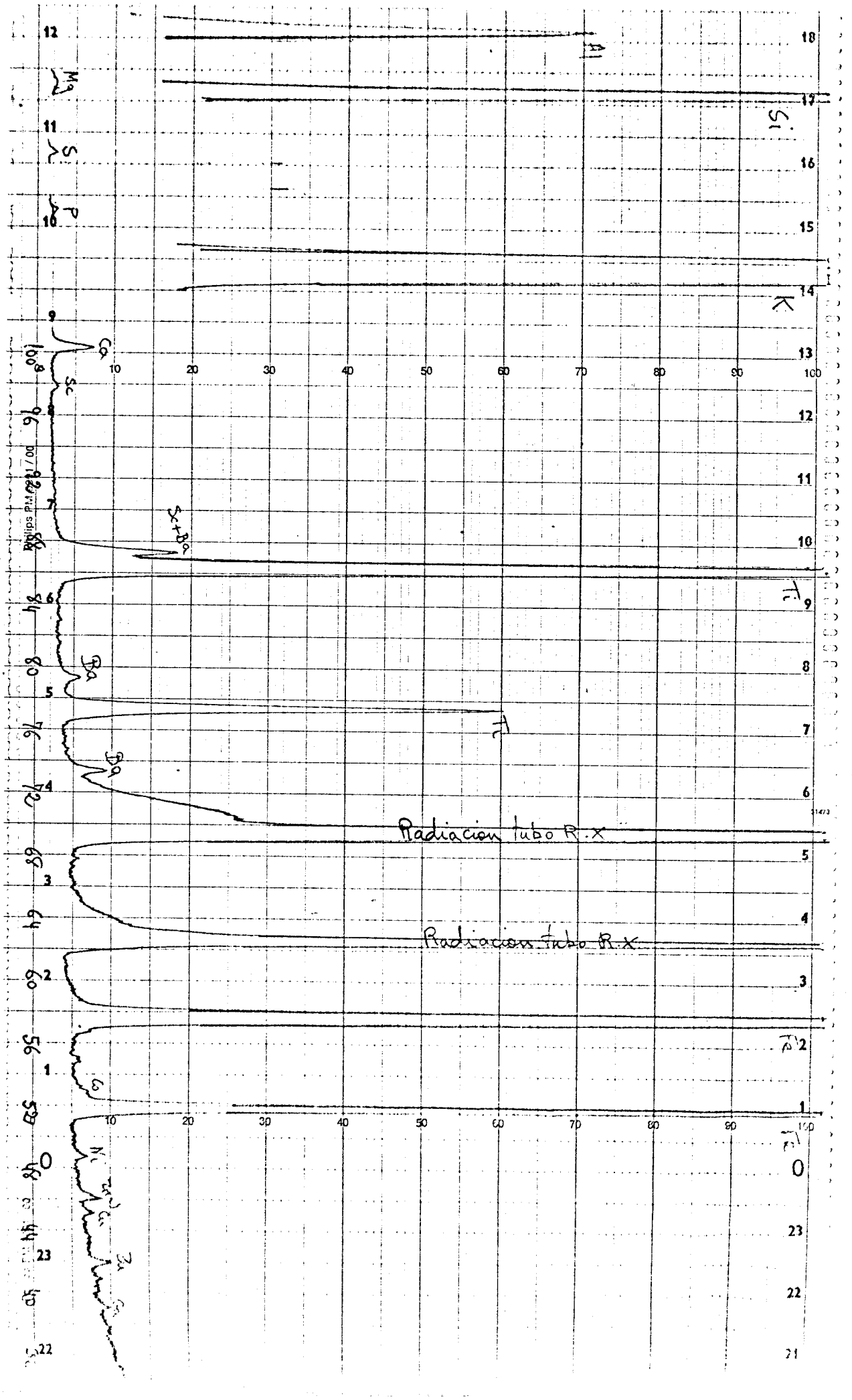


S-AC-53

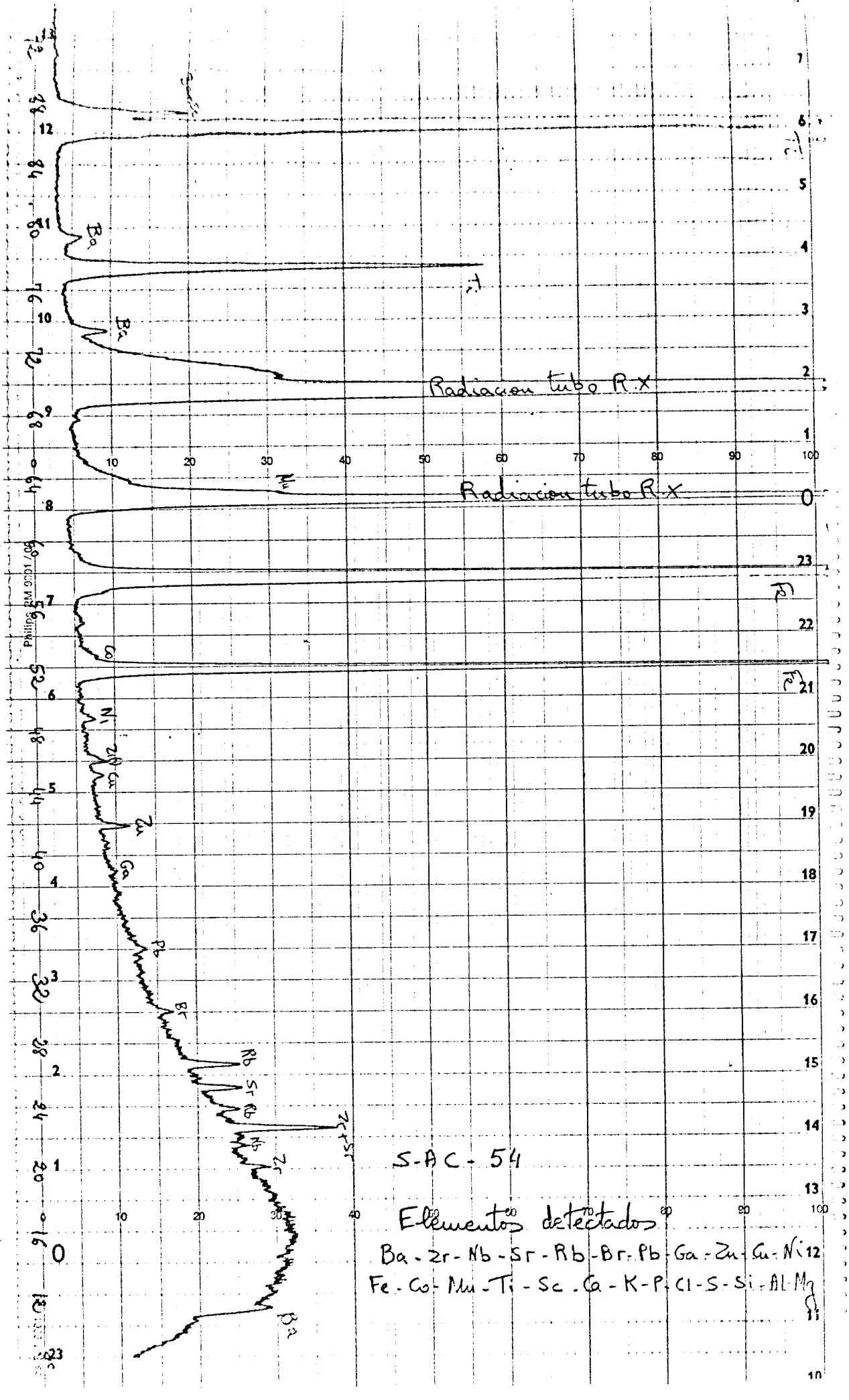
Elementos detectados:

Ba - Zr - Nb - Sr - Rb - Pb - Ga - Zn - Cu - Ni - Fe - Co

Ti - Sc - Ca - K - P - S - Si - Al - Mg



Al
Mg
Si
S
P
K
Ca
Sc
Sc+Ba
Ti
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Ca
Ni
Zn
Ca
Zn
Ca
Fe

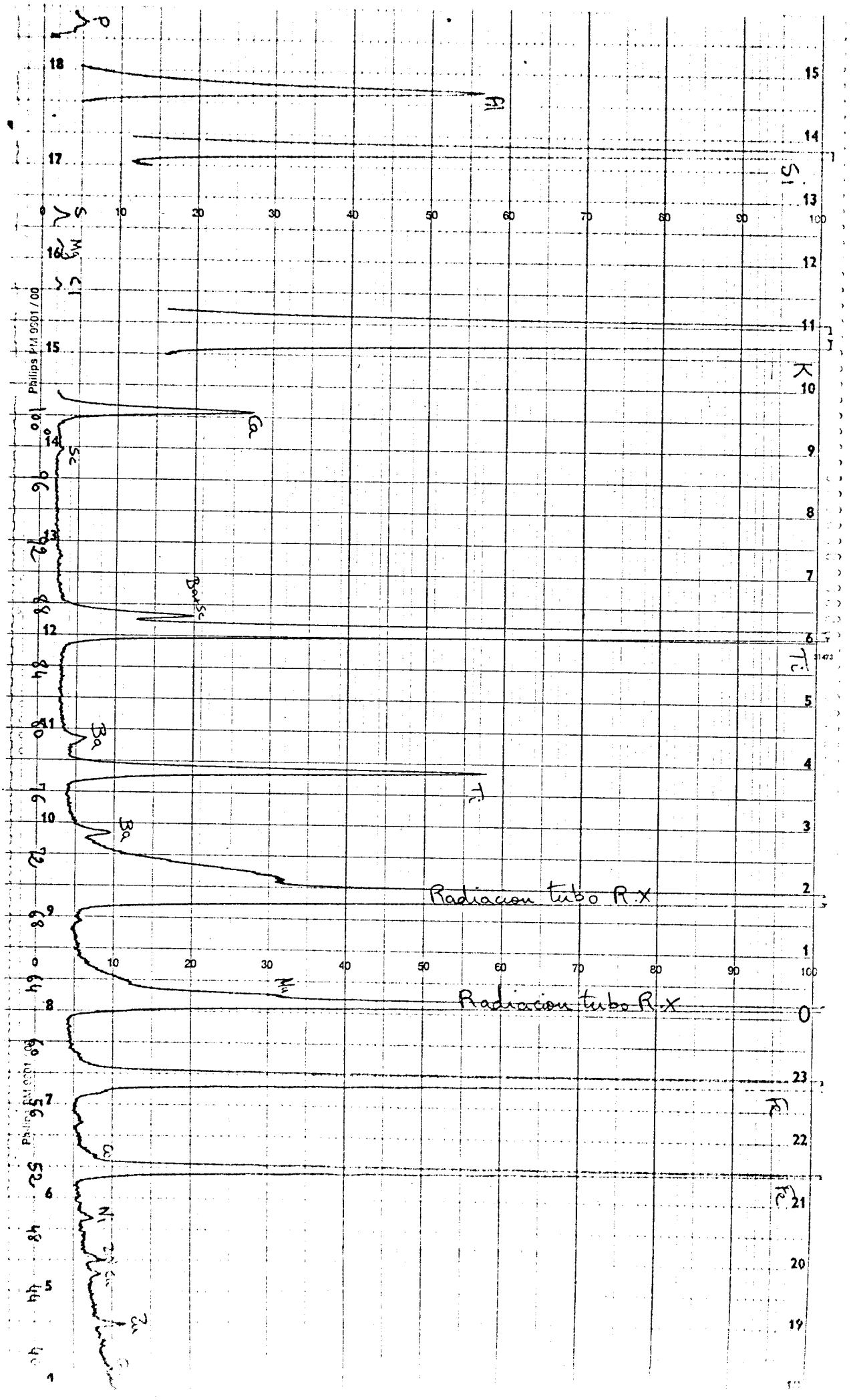


S-AC-54

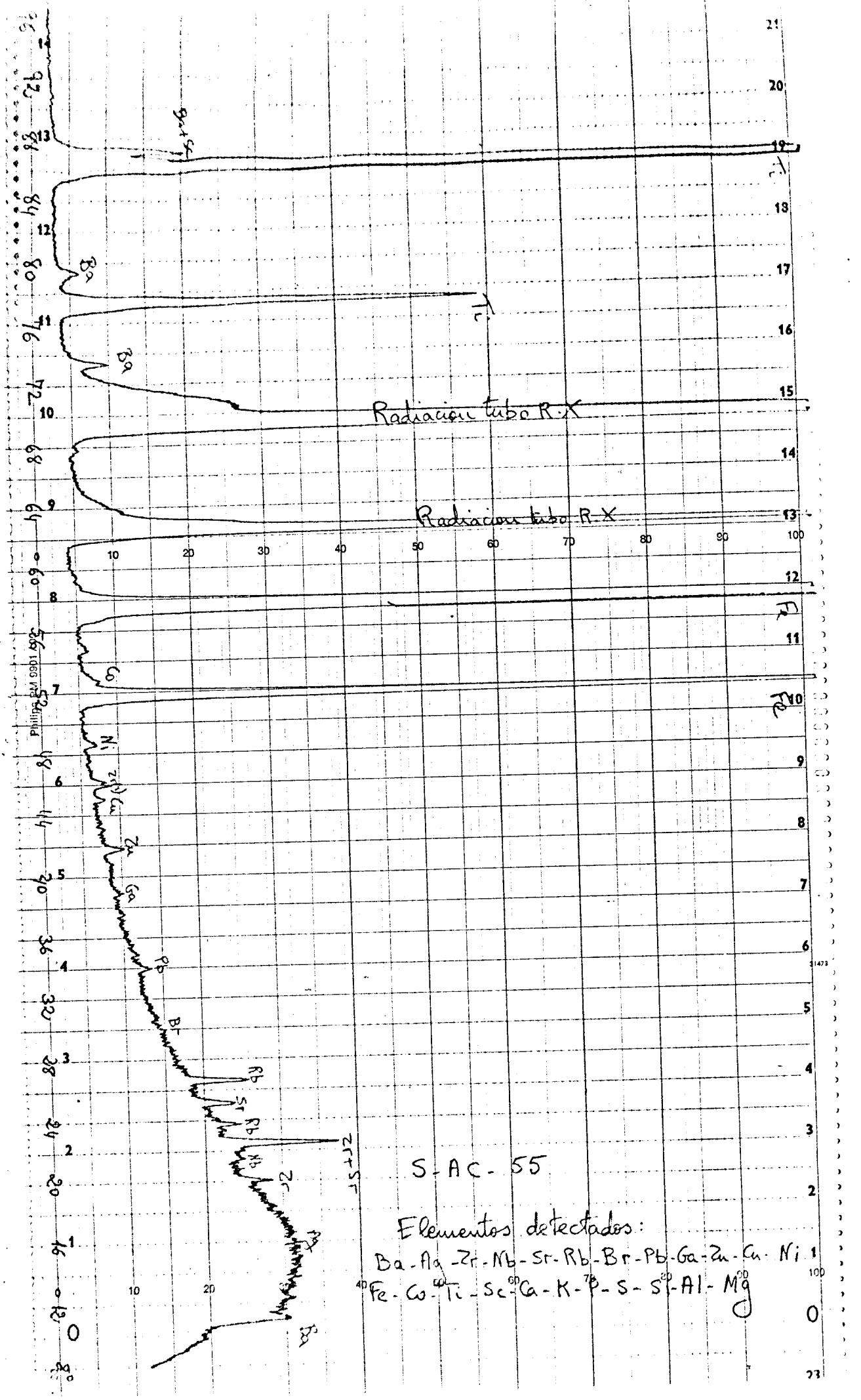
Elementos detectados:

Ba - Zr - Nb - Sr - Rb - Br - Pb - Ga - Zn - Cu - Ni

Fe - Co - Mn - Ti - Sc - Ca - K - P - Cl - S - Si - Al - Mg



Radiacion tubo R.X
Radiacion tubo R.X
Philips PM 9901/00

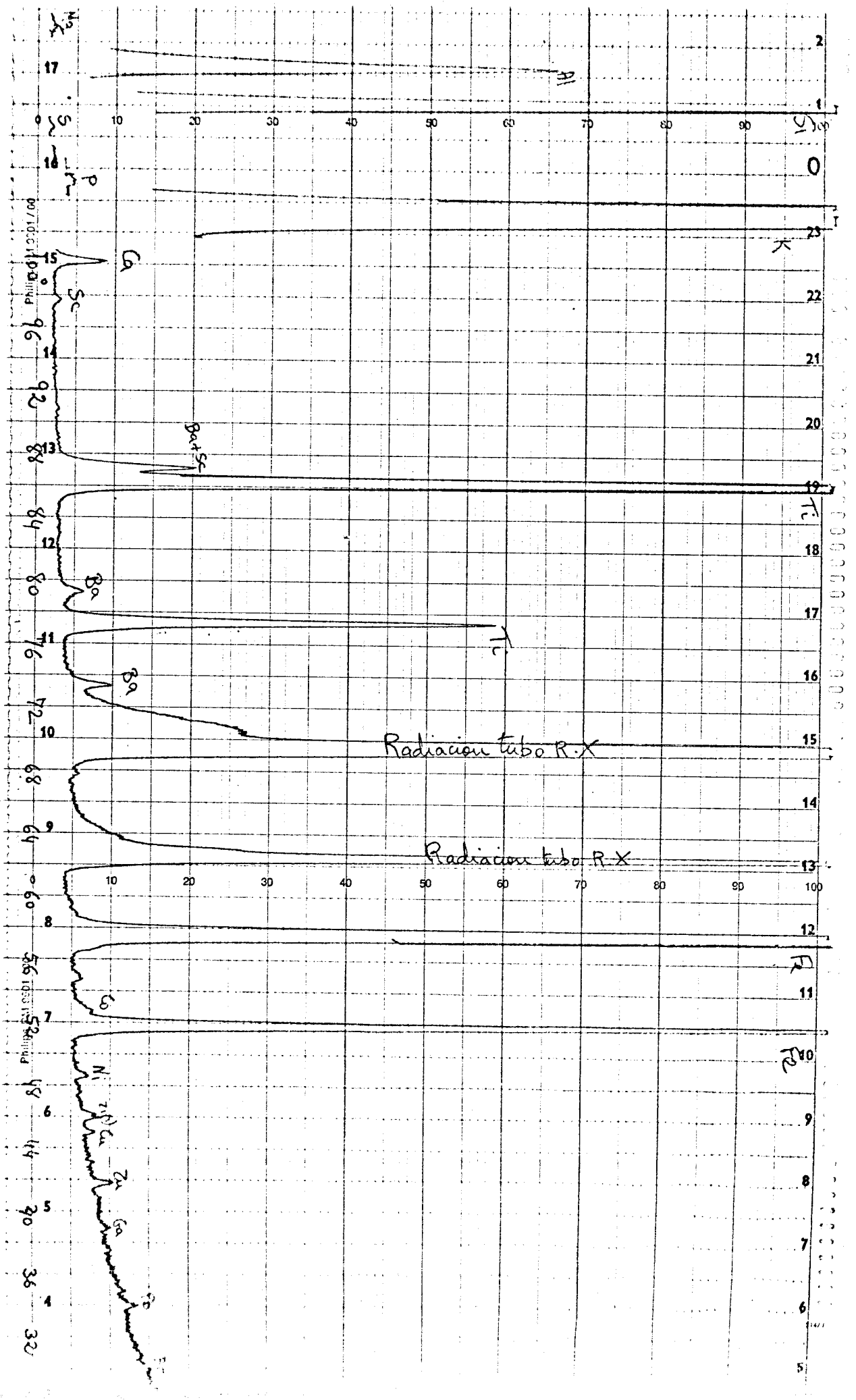


S-AC-55

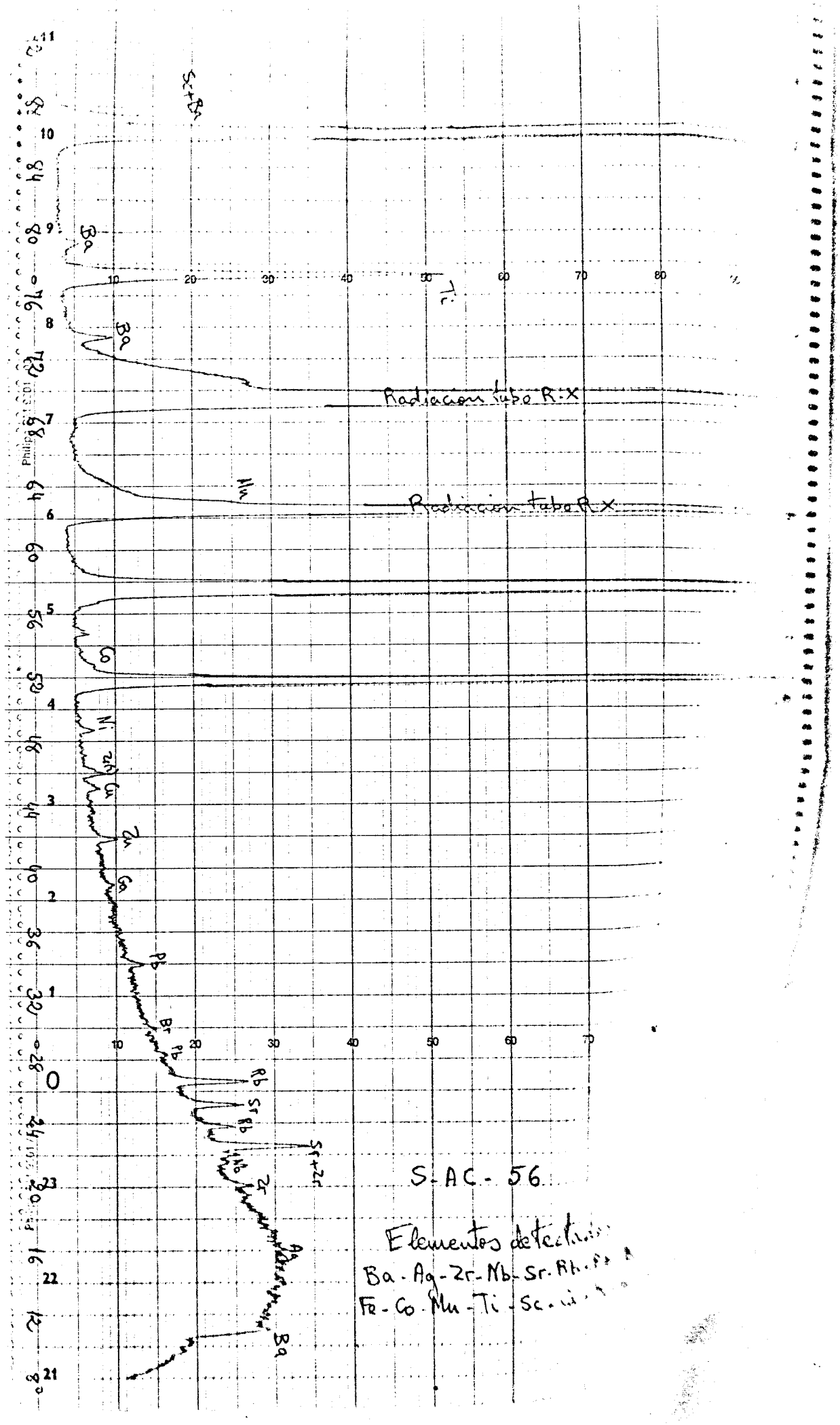
Elementos detectados:

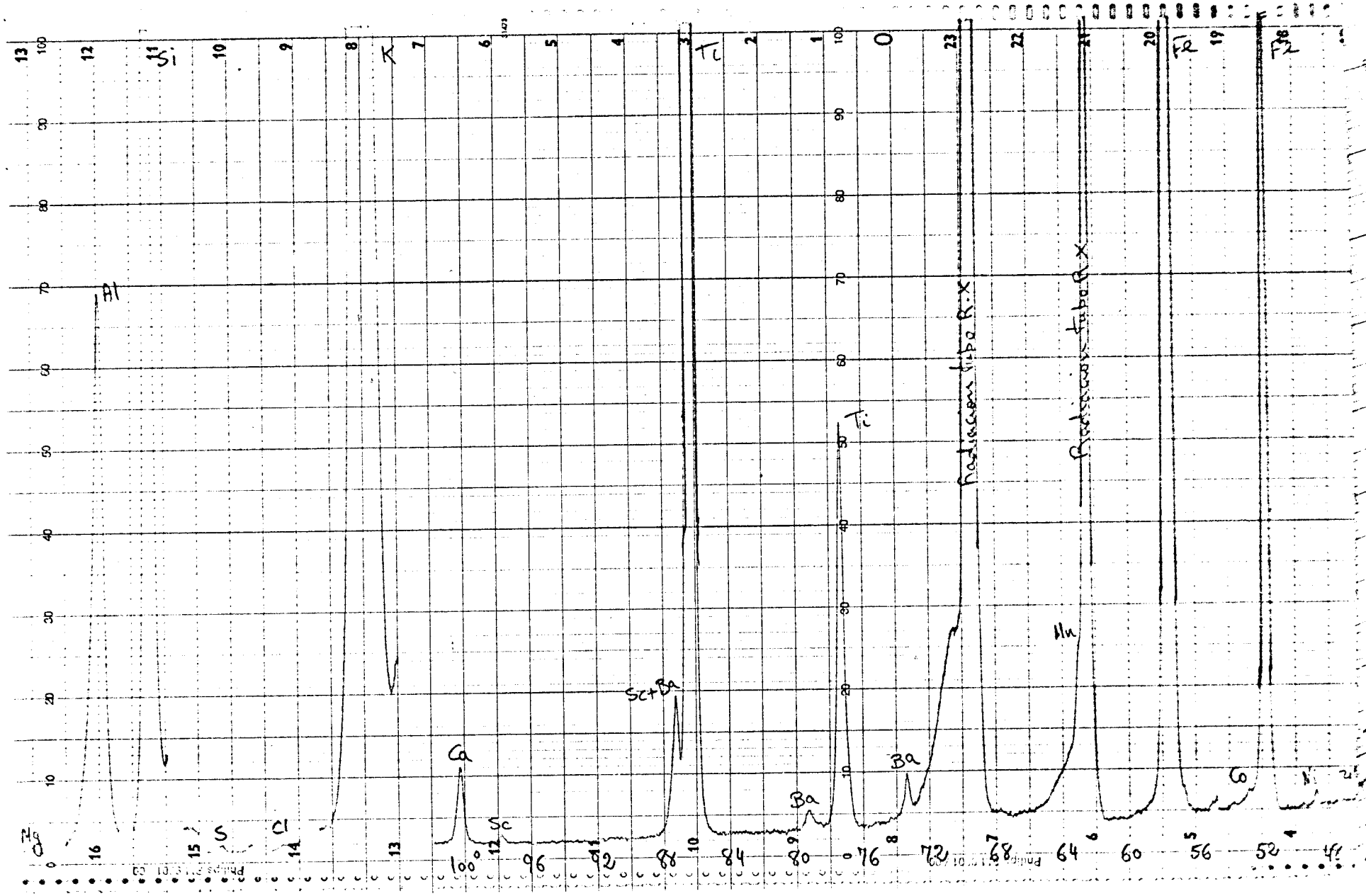
Ba - Ag - Zr - Nb - Sr - Rb - Br - Pb - Ga - Zn - Cu - Ni

Fe - Co - Ti - Sc - Ca - K - P - S - Si - Al - Mg

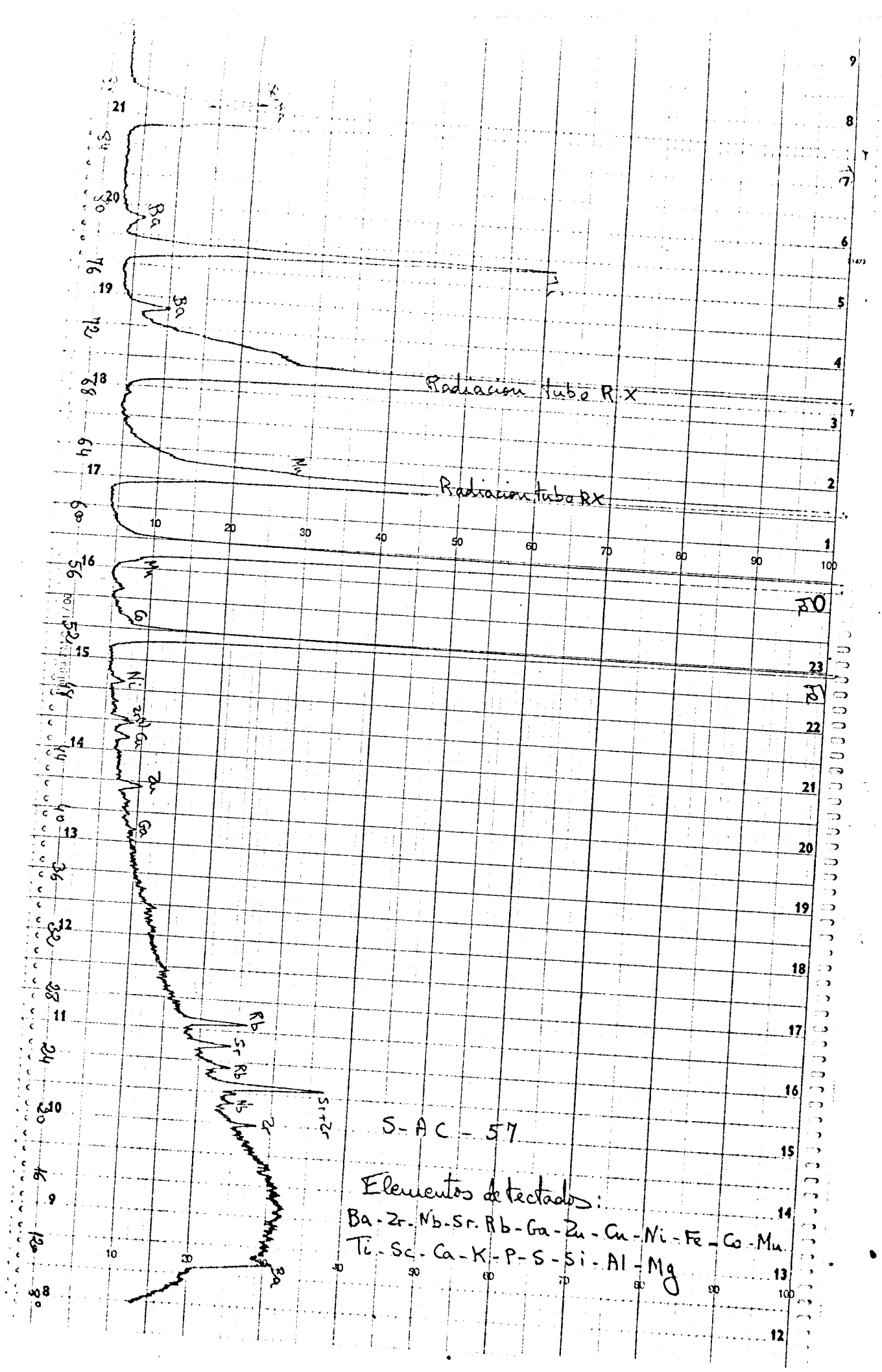


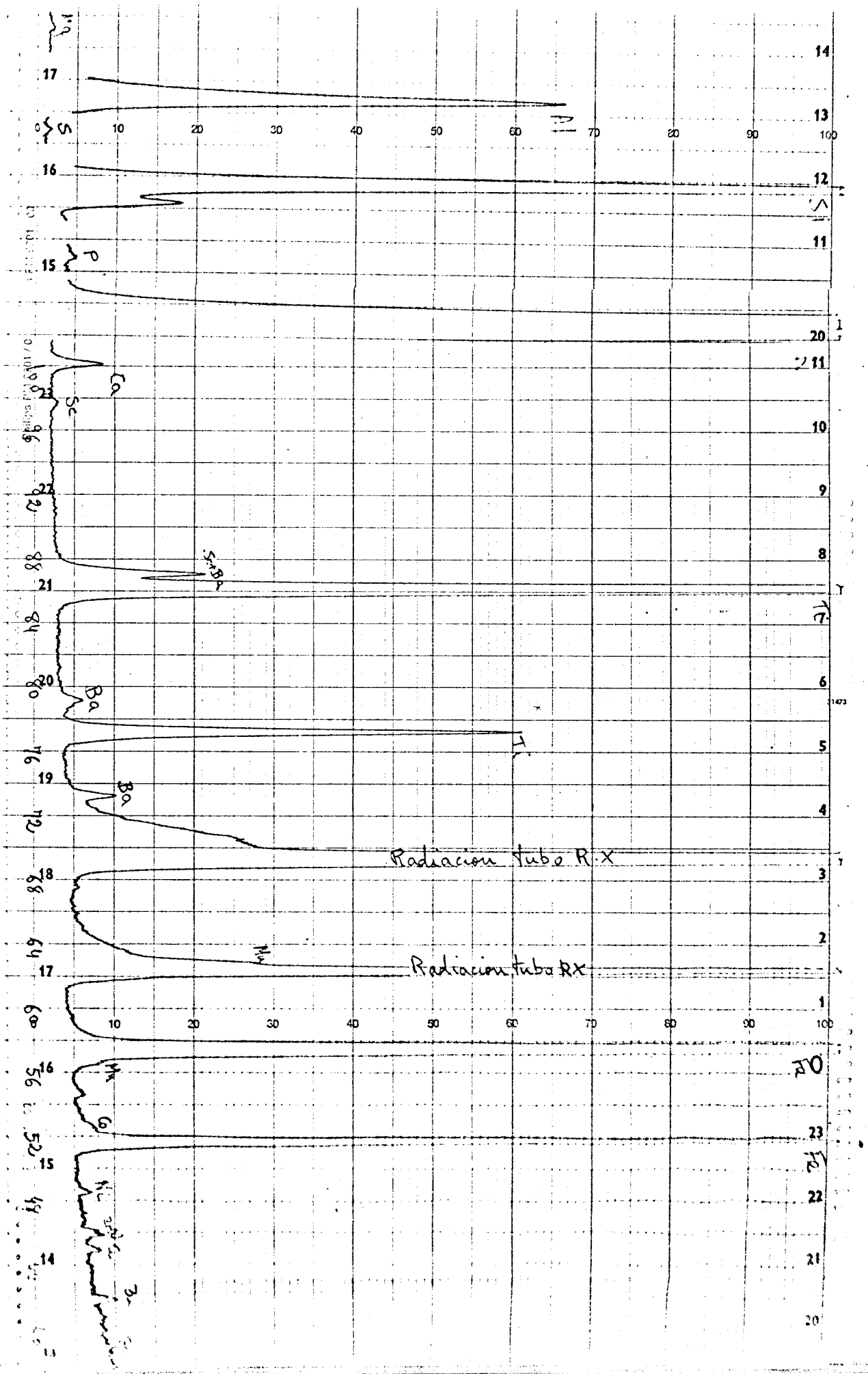
Al
Si
O
K
Ca
Sc
Ba+Sc
Ti
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Co
Ni
Cu
Zn
Ga
Pb


Sr+Ba
Ba
Ti
Ba
Radiacion tubo R.X
Mn
Radiacion tubo R.X
Co
Ni
Cu
Zn
Ga
Pb
Br
Pb
Rb
Sr
Rb
Nb
Zr
Sr+Zr
Ag
Ba
S-AC-56
Elementos detectados
Ba - Ag - Zr - Nb - Sr - Rb - Pb
Fe - Co - Mn - Ti - Sc

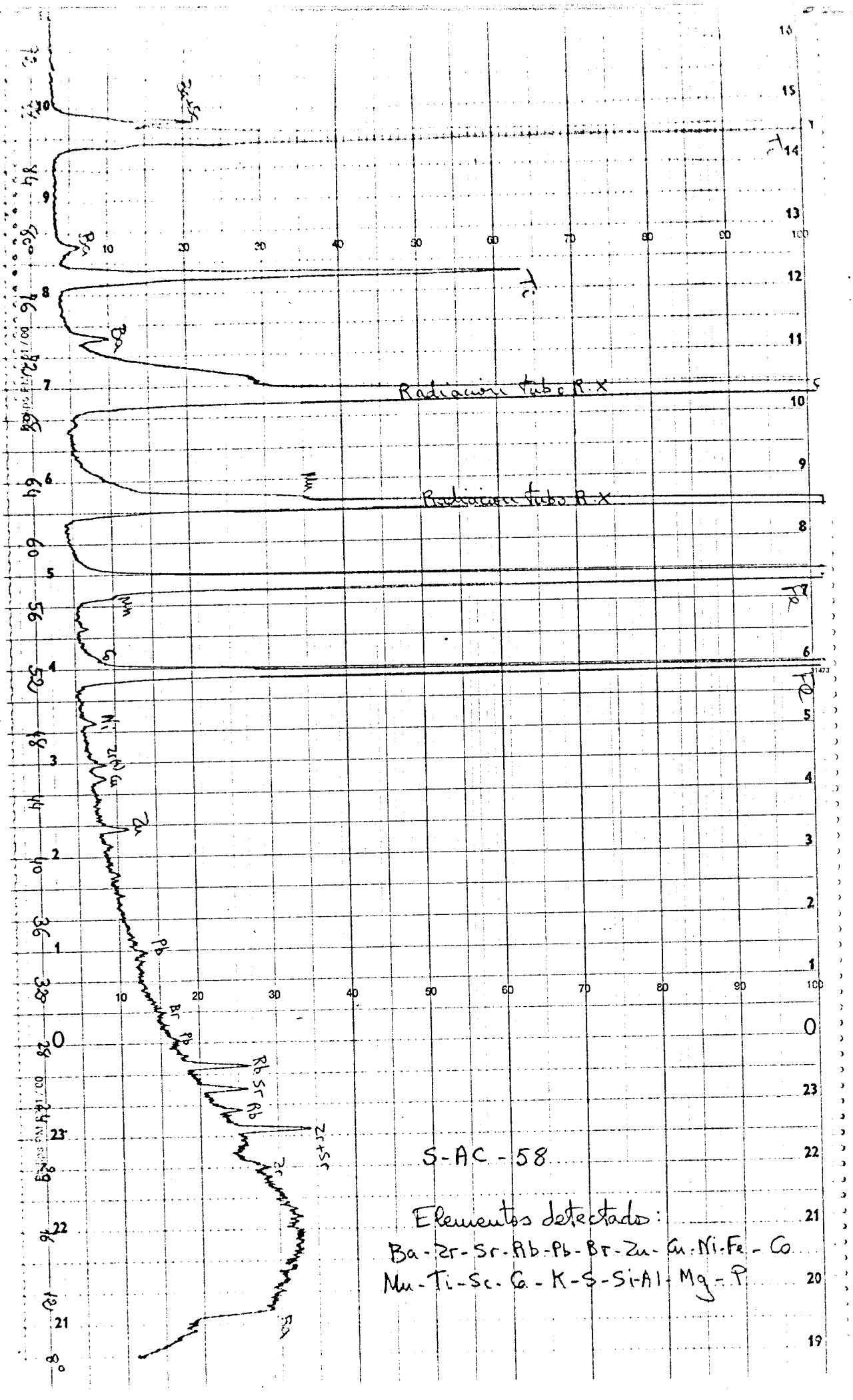


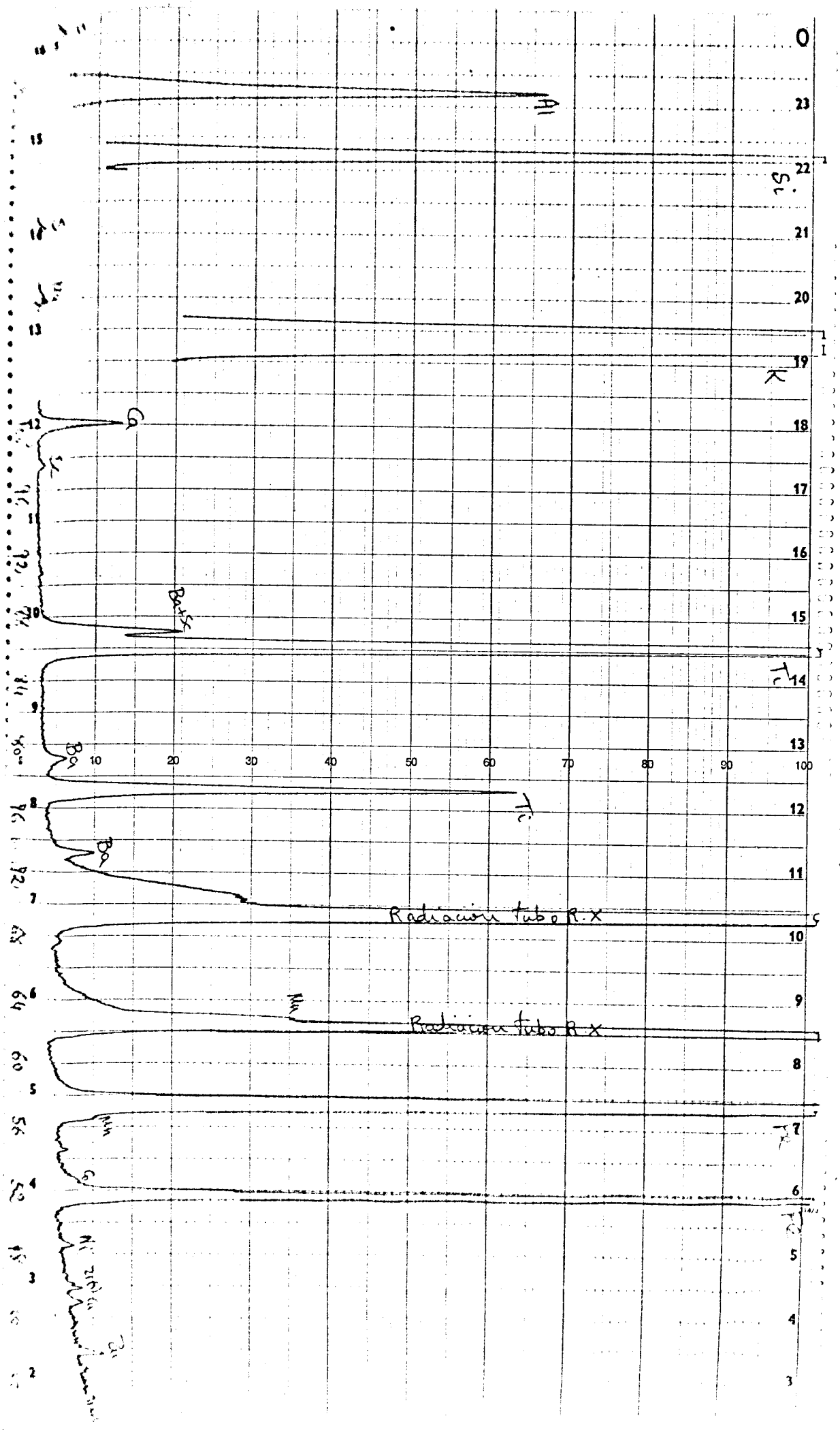
Si
K
Ti
Fe
Fe
Al
Ti
Radiacion tubo R-X
Radiacion tubo R-X
Mn
Sc+Ba
Ca
Sc
Ba
Ba
Co
Mg
S
Cl
100
96
92
88
84
80
76
72
68
64
60
56
52


Radiacion tubo R.X
Radiacion tubo RX
Ba
Ti
Mn
Co
Ni
Zr
Cu
Zn
Ga
Rb
Sr
Nb
Sr+Zr
Fe
S-AC-57
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Ga-Zn-Cu-Ni-Fe-Co-Mn
Ti-Sc-Ca-K-P-S-Si-Al-Mg

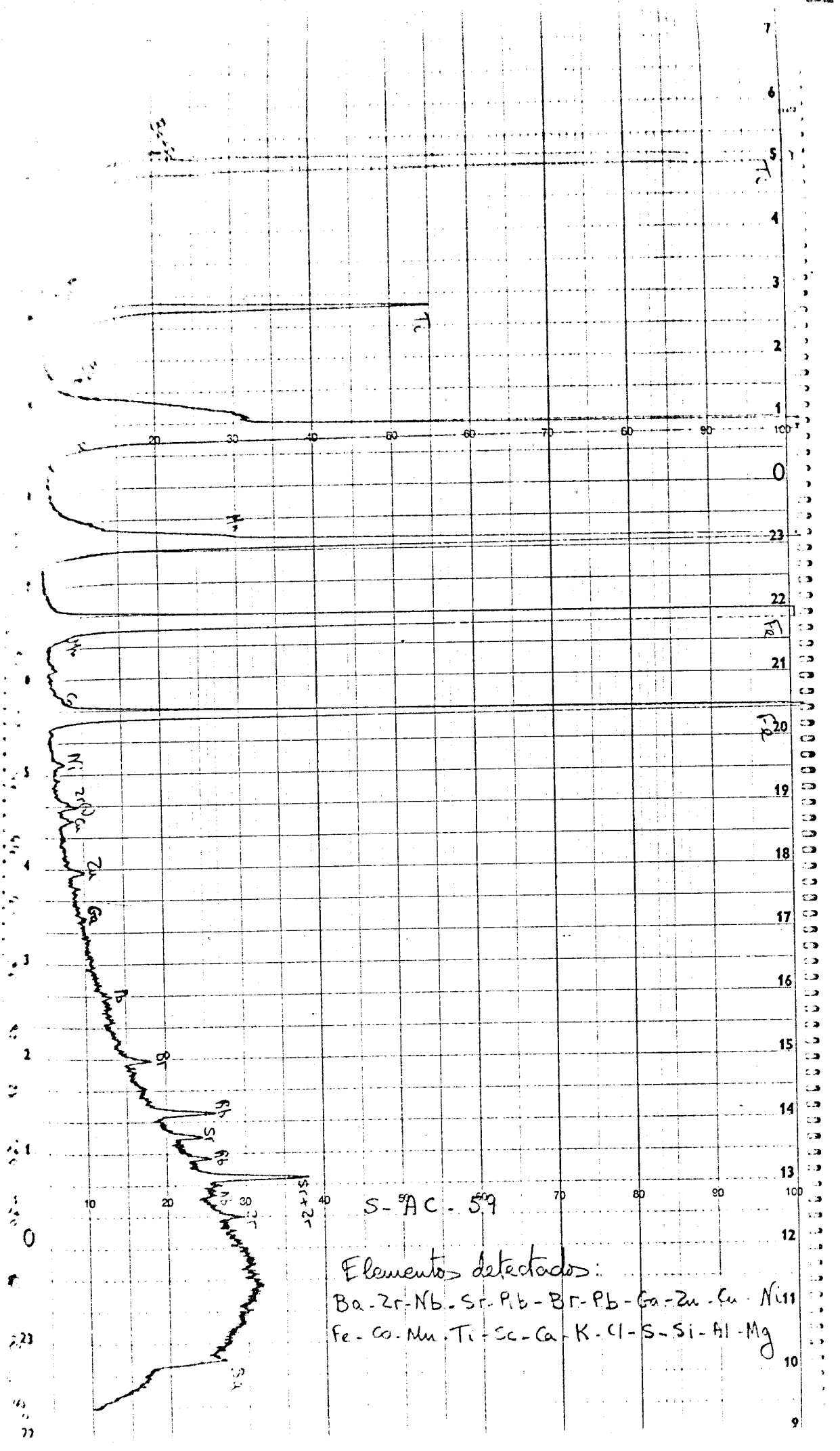


Radiacion tubo R.X
Radiacion tubo RX


Radiacion tubo R.X
Radiacion tubo R.X
Ba
Ti
Mn
Fe
Ni
Zr(Al)
Cu
Zn
Pb
Br
Rb
Sr
Zr+Sr
Zr
S-AC-58
Elementos detectados:
Ba-Zr-Sr-Rb-Pb-Br-Zn-Cu-Ni-Fe-Co
Mn-Ti-Sc-Ca-K-S-Si-Al-Mg-P



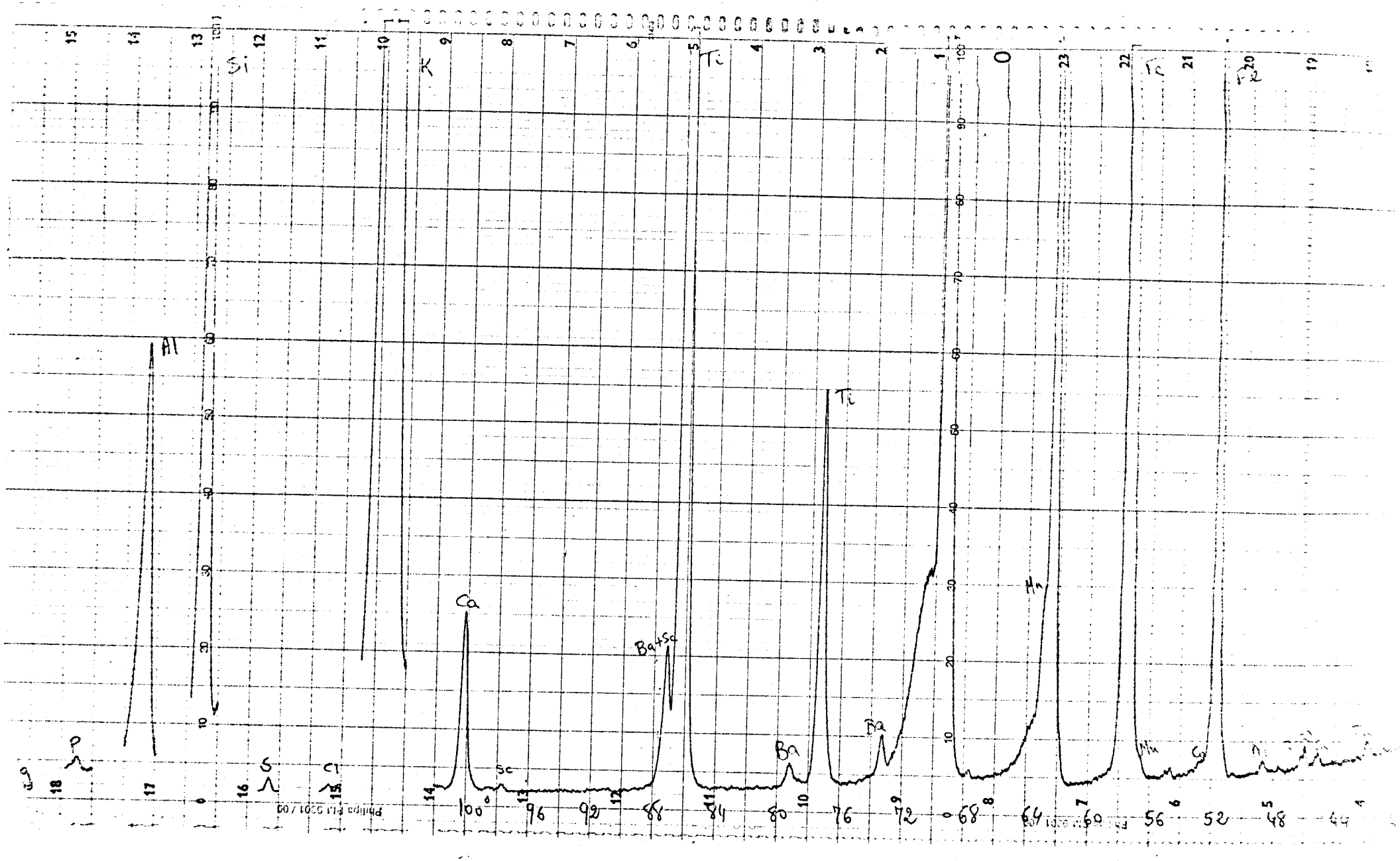
Al
Si
K
Ca
Ba+Sc
Ti
Ba
Ti
Ba
Radiacion tubo R.X
Mn
Radiacion tubo R.X
Mn
Ca
Ni
10
20
30
40
50
60
70
80
90
100

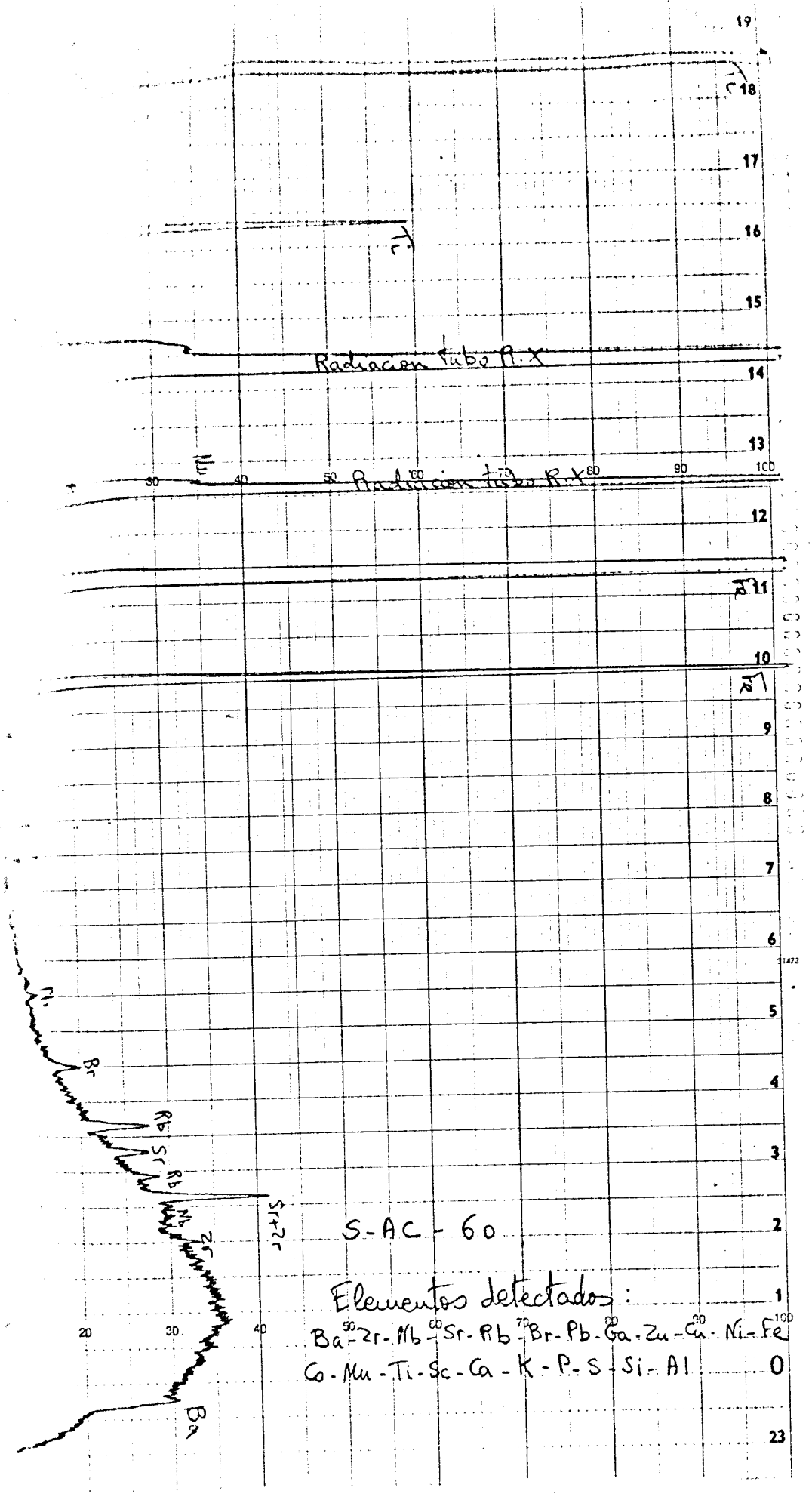


Elementos detectados:

Ba - Zr - Nb - Sr - Pb - Br - Pb - Ga - Zn - Cu - Ni

Fe - Co - Mn - Ti - Sc - Ca - K - Cl - S - Si - Al - Mg


Al
Si
K
Ti
O
Ca
Sc
Ba+Sc
Ti
Ba
Ba
Mn
P
S
Cl

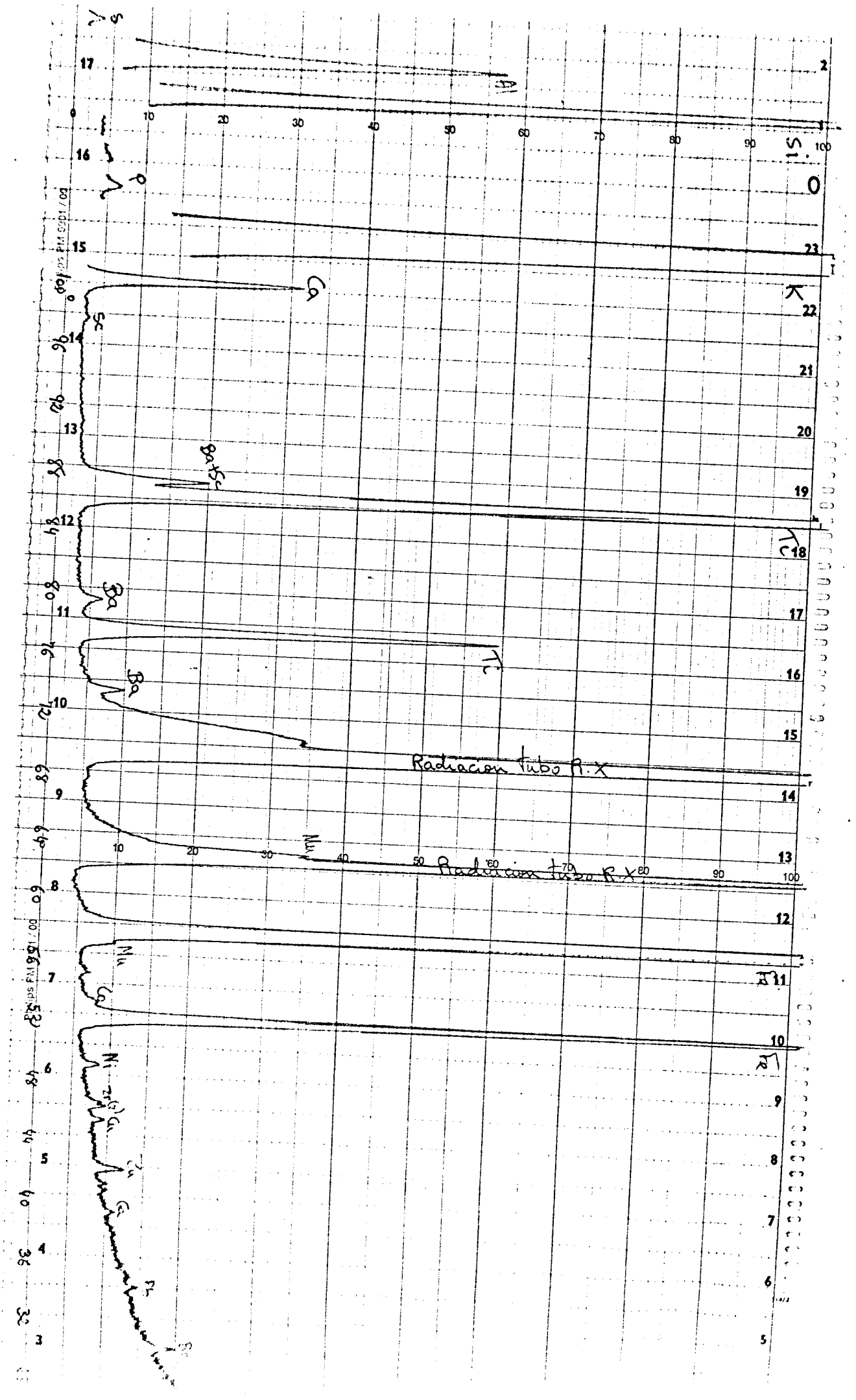


S-AC-60

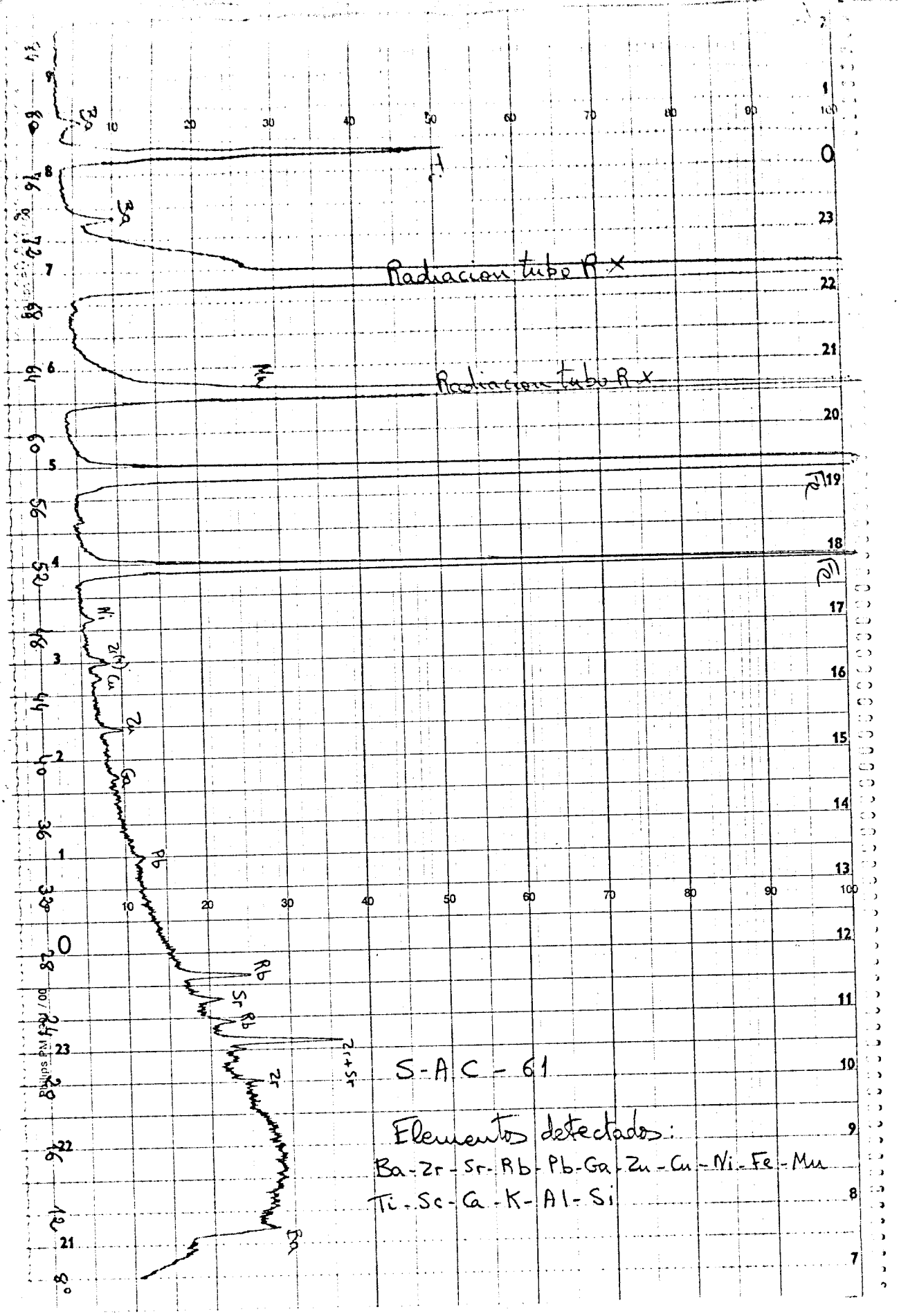
Elementos detectados:

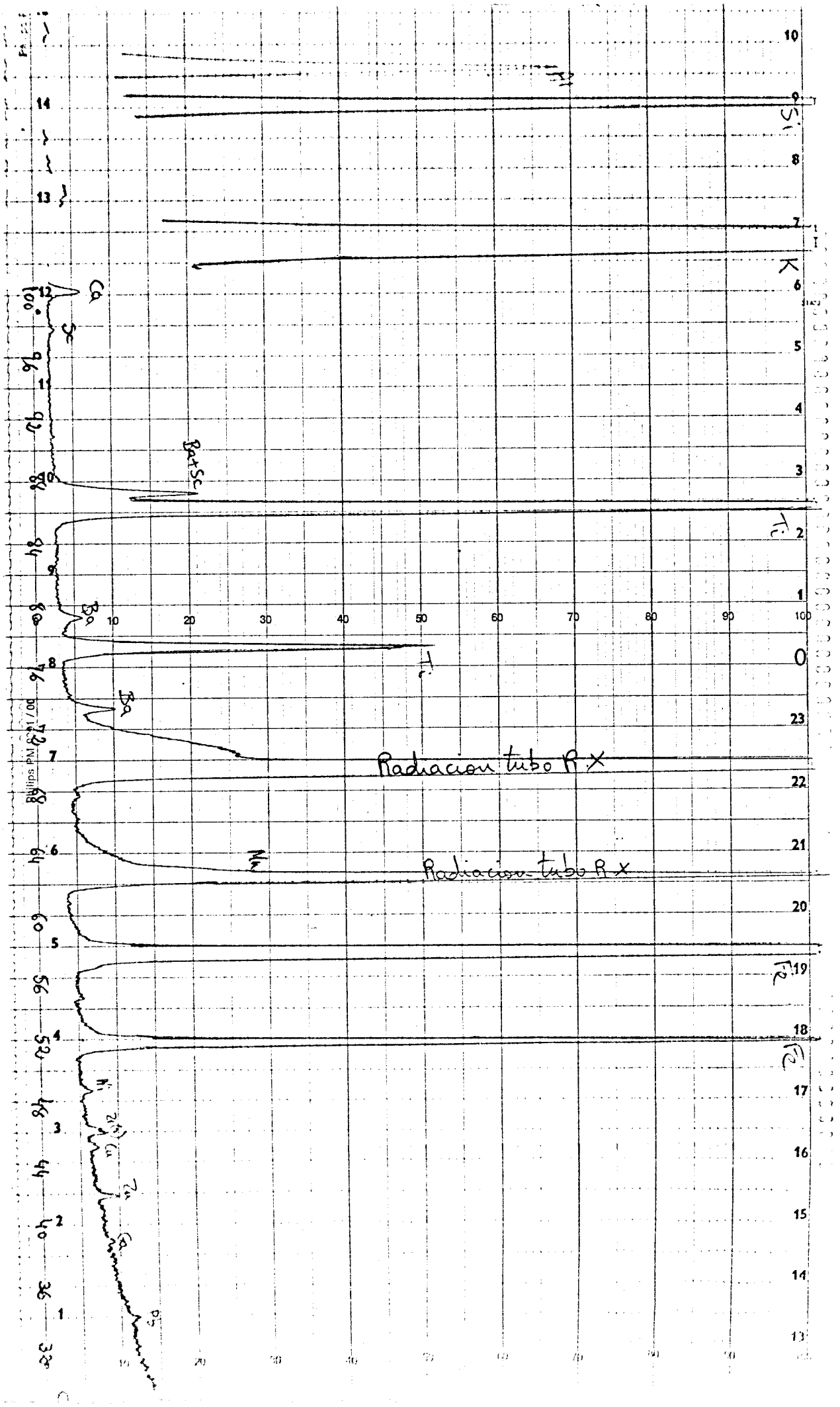
Ba - Zr - Nb - Sr - Rb - Br - Pb - Ga - Zn - Cu - Ni - Fe

Co - Mn - Ti - Sc - Ca - K - P - S - Si - Al

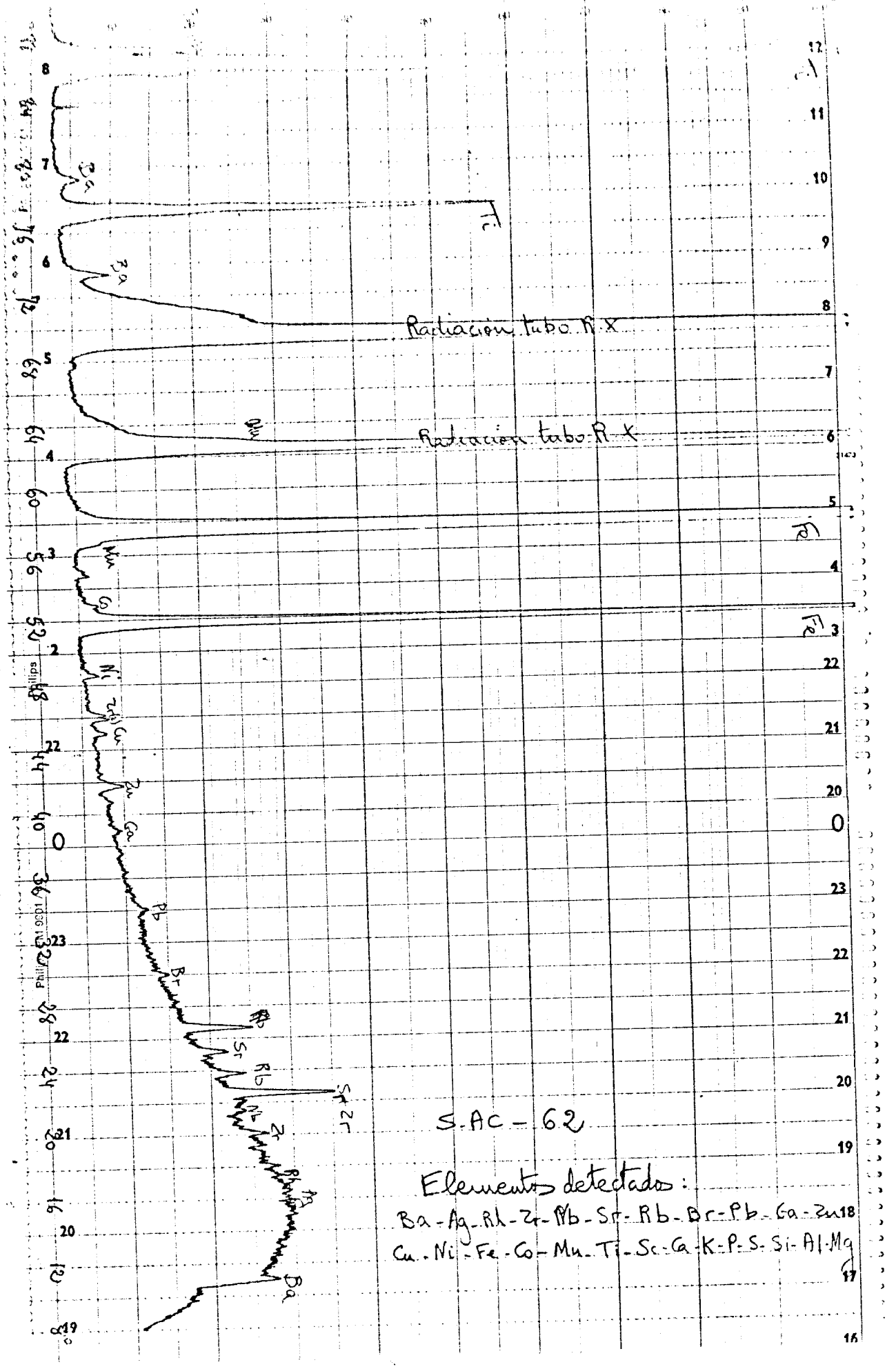


Al
Si
O
K
Ca
Sc
Ba+Sc
Tc
Ba
Ba
Radiacion tubo R.X
Mu
Radiacion tubo R.X
Mu
Ca
Fe
Fe
Ni
Cu
Cu
Ca
Pb


Ba
Ti
Radiacion tubo R-x
Mn
Radiacion tubo R-x
Fe
Ni
Zr(K) Cu
Zn
Ga
Pb
Rb
Sr Rb
Zr+Sr
Zr
Ba
S-A C - 61
Elementos detectados:
Ba-Zr-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe-Mn
Ti-Sc-Ca-K-Al-Si



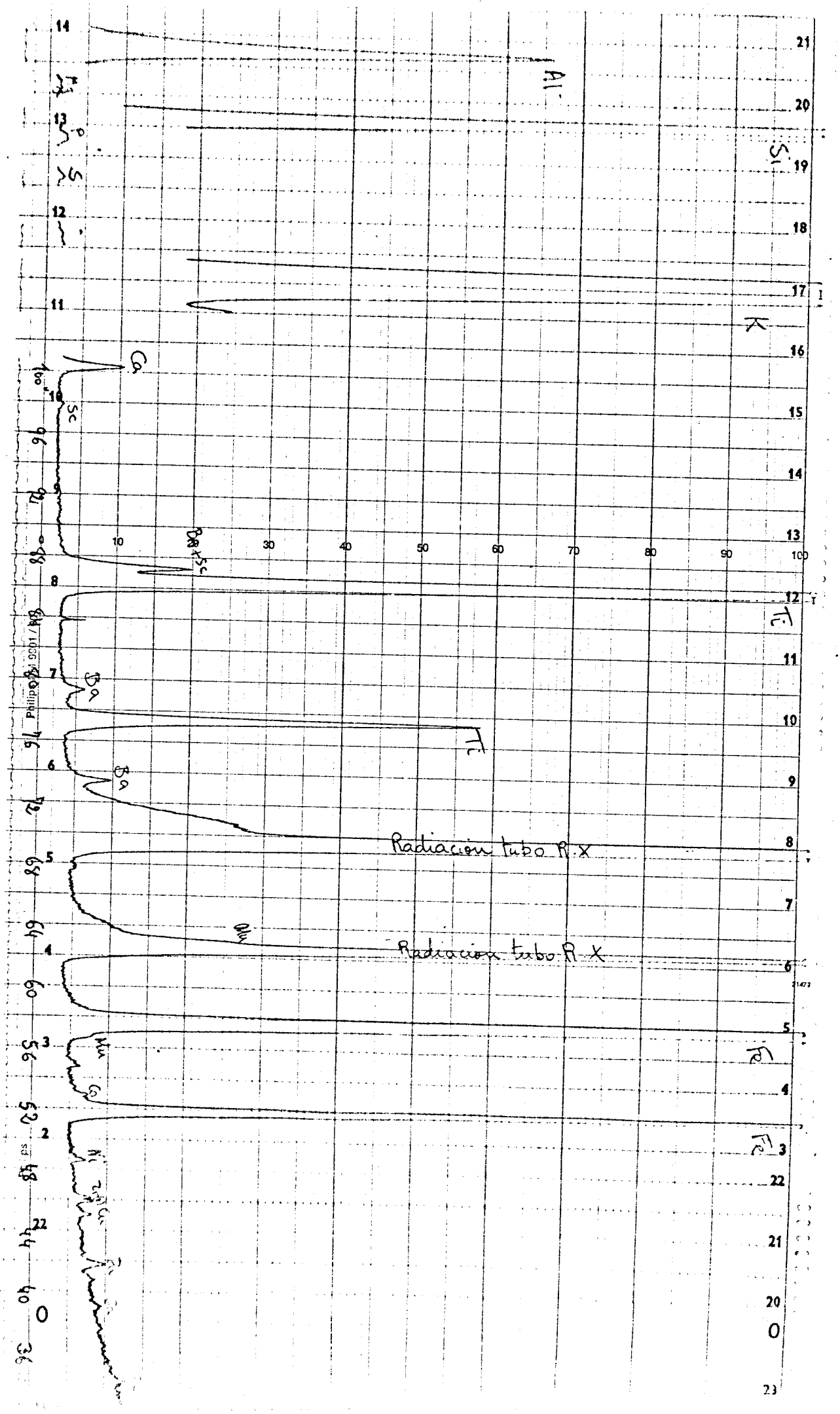
Si
K
Ca
Sc
Ba+Sc
Ti
Ba
Ti
Ba
Radiacion tubo R X
Radiacion tubo R X
Fe
Fe
Ni
Cu
Zn
Ca
Pb
10
20
30
40
50
60
70
80
90
100

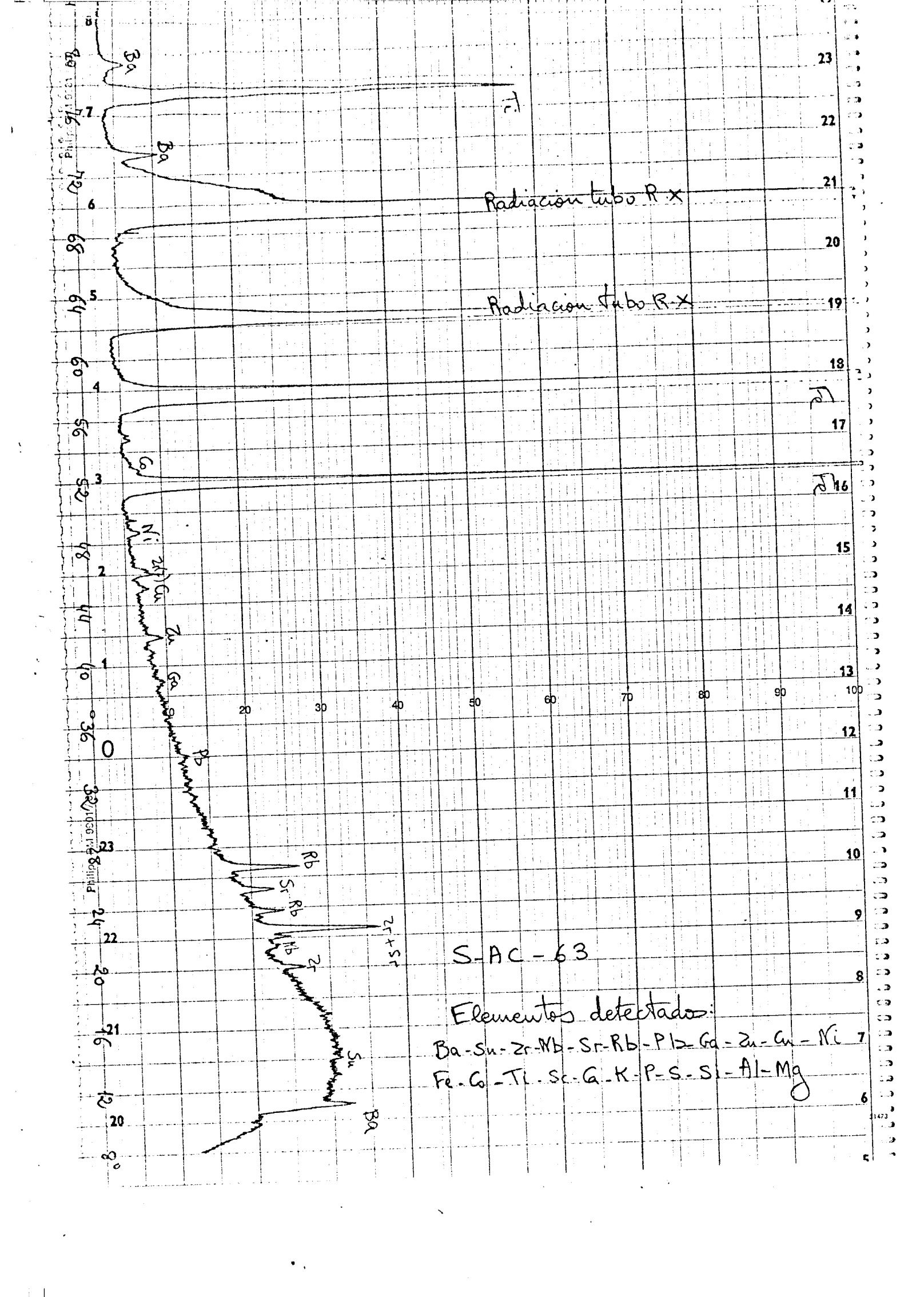


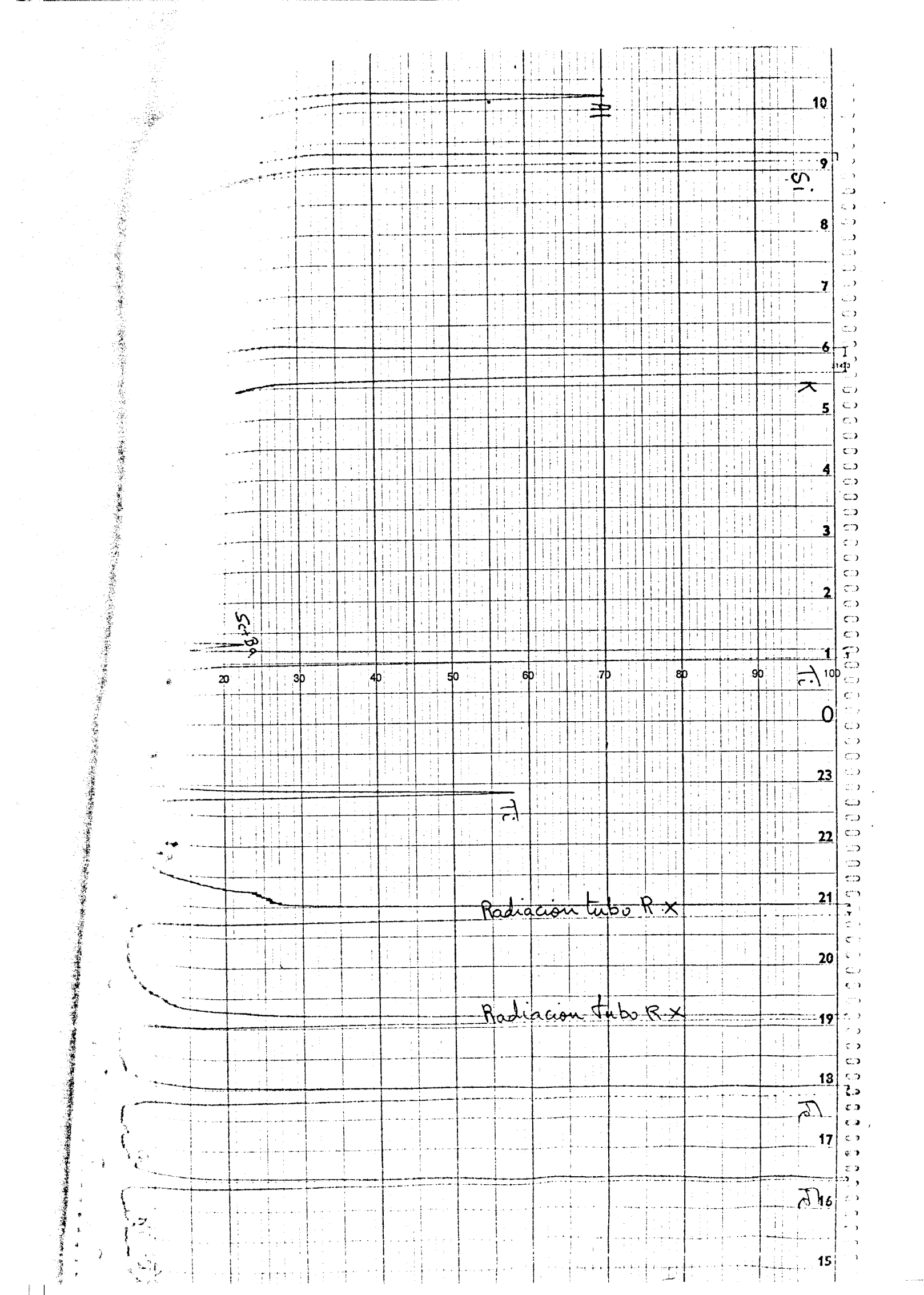
S-AC-62

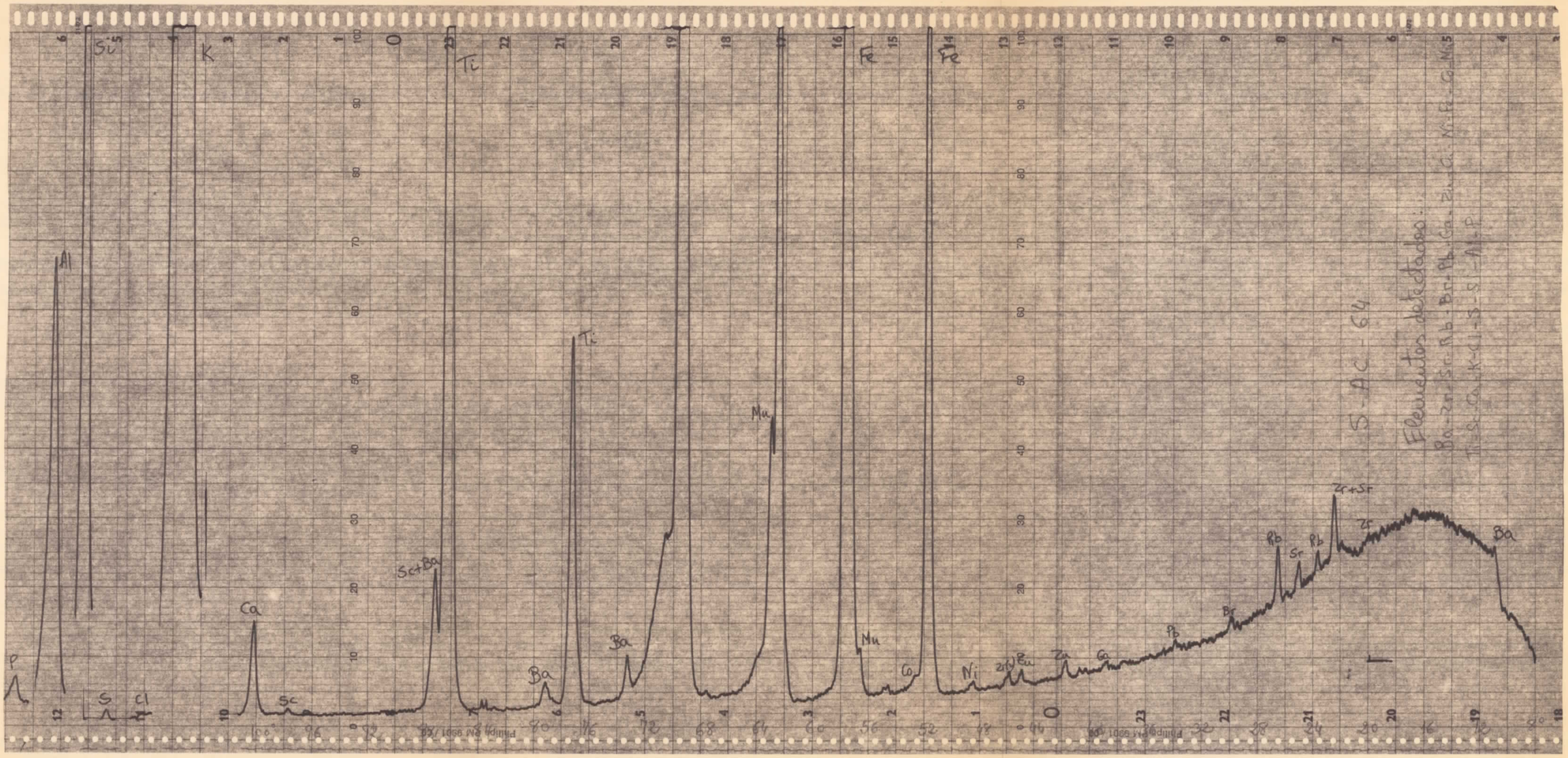
Elementos detectados:

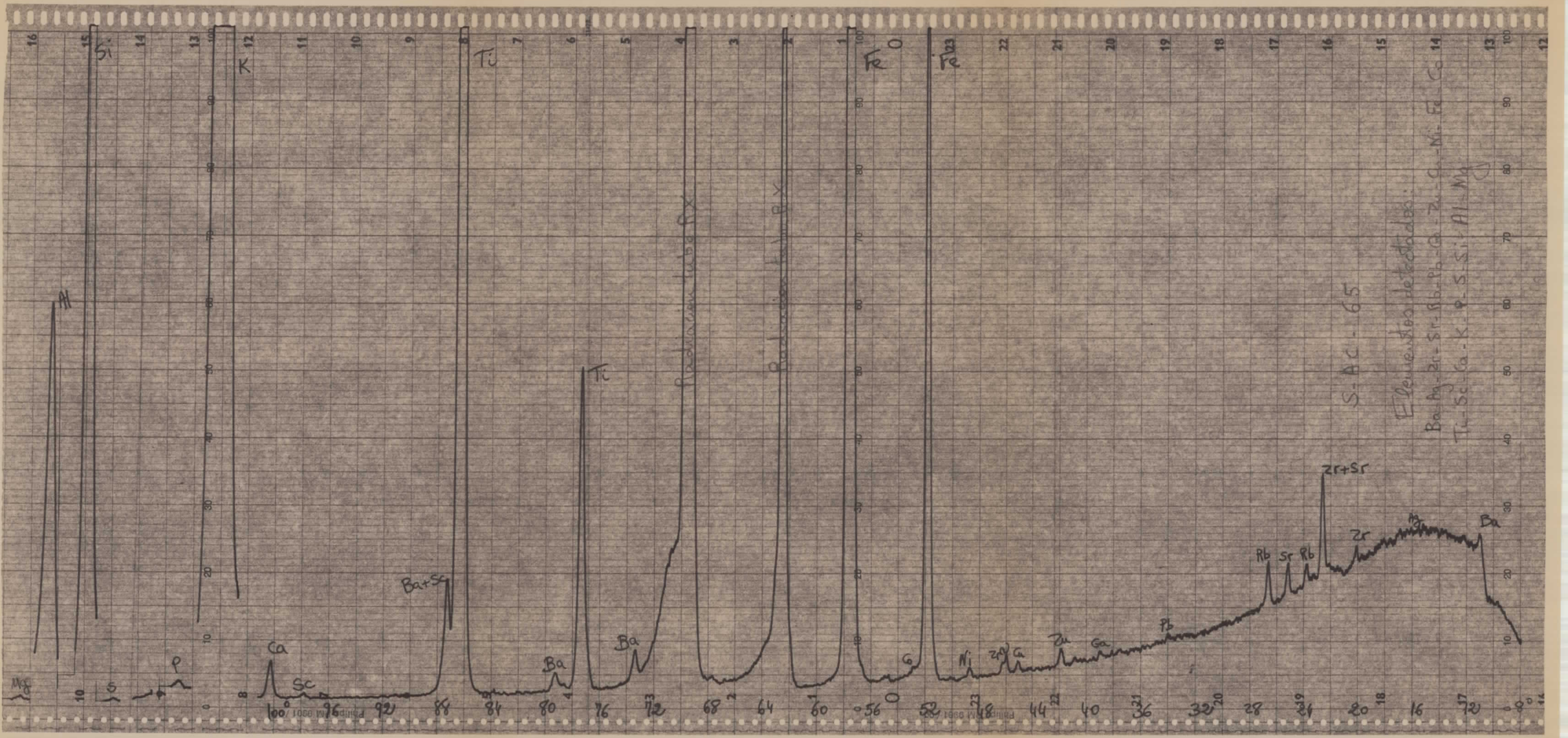
Ba - Ag - Rh - Zr - Pb - Sr - Rb - Br - Pb - Ga - Zn
Cu - Ni - Fe - Co - Mn - Ti - Sc - Ca - K - P - S - Si - Al - Mg

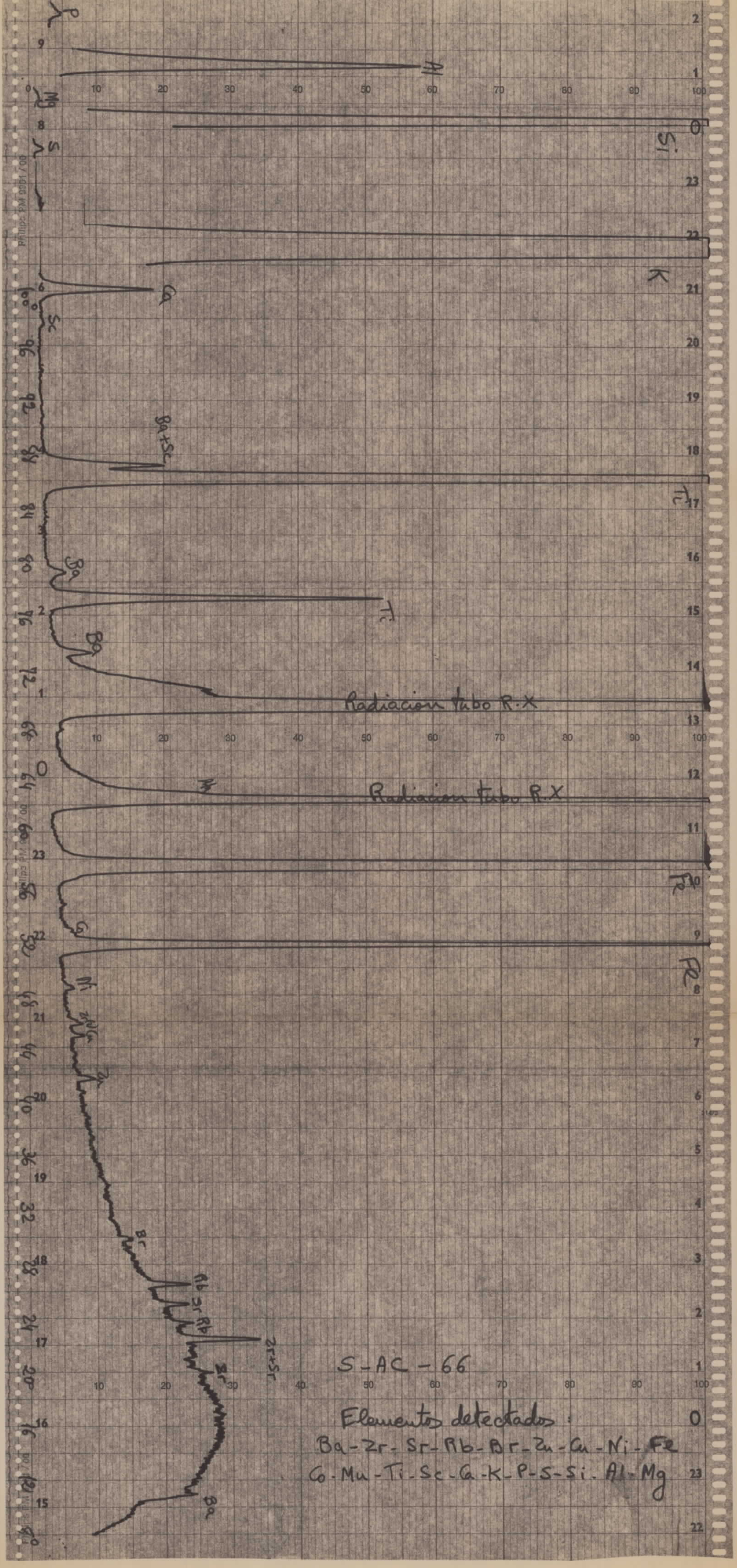

Al
Si
K
Ca
Sc
Ba+Sc
Ti
Ba
Ti
Ba
Radiacion tubo R.X
Mn
Radiacion tubo R.X
Fe
Fe
Philips PW 9001 / 00

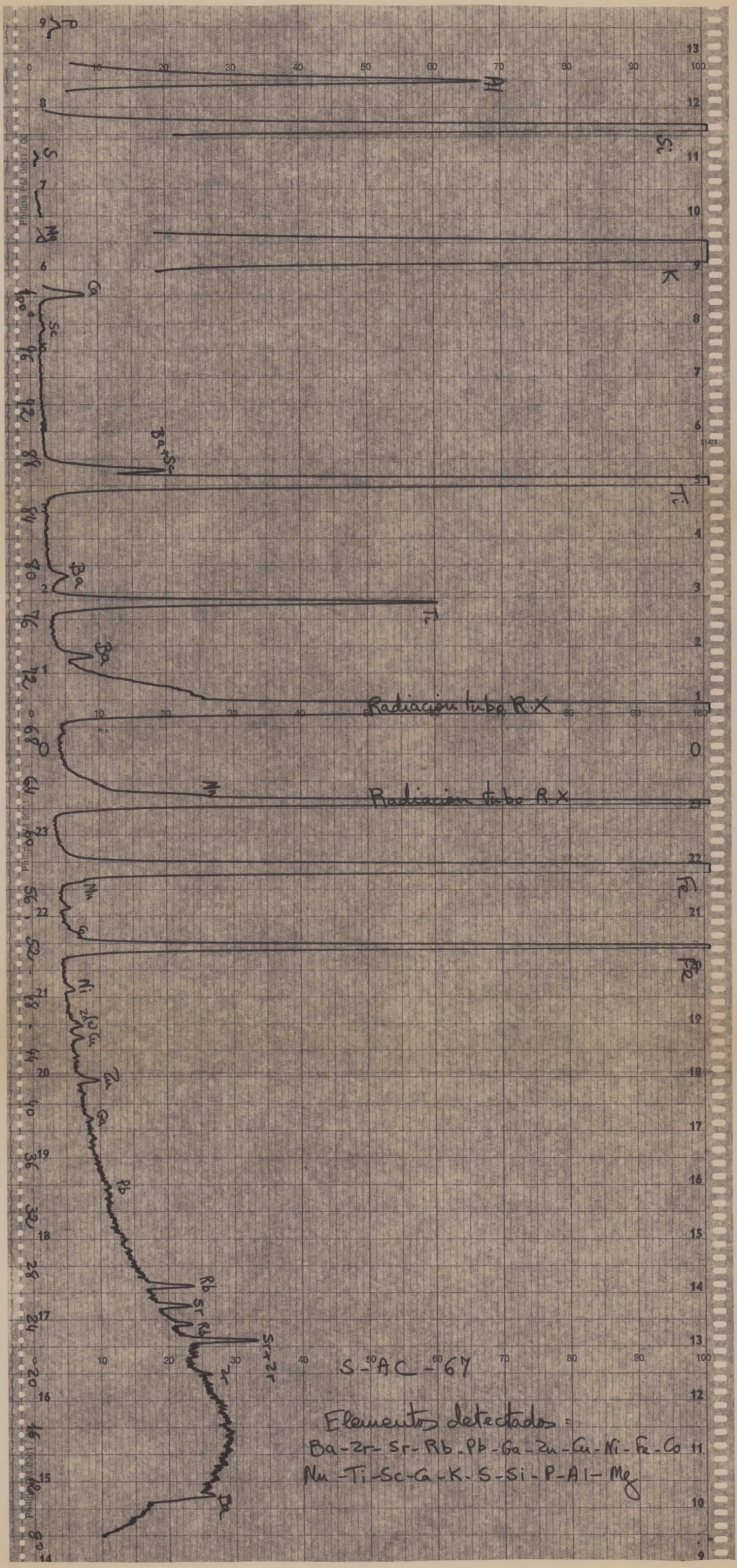

Ba
Ba
Ti
Radiacion tubo R-X
Radiacion tubo R-X
Co
Fe
Fe
Ni
Zn
Cu
Ga
Pb
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Sn
Ba
S-AC-63
Elementos detectados:
Ba-Sn-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni
Fe-Co-Ti-Sc-Ca-K-P-S-Si-Al-Mg

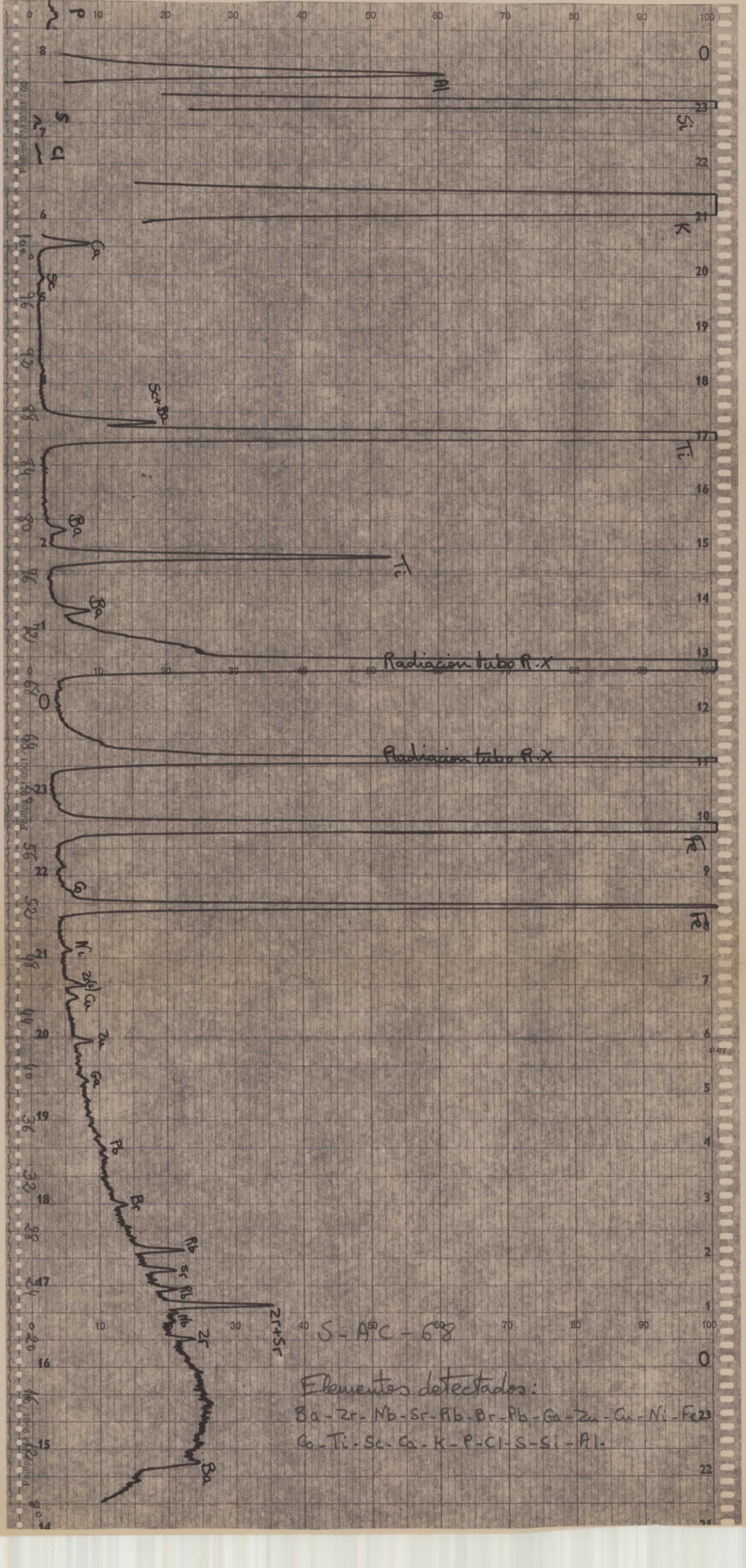

Si
Ti
Ti
Radiacion tubo R-X
Radiacion tubo R-X
Fe
Fe
20
30
40
50
60
70
80
90
100
10
9
8
7
6
5
4
3
2
1
0
23
22
21
20
19
18
17
16
15

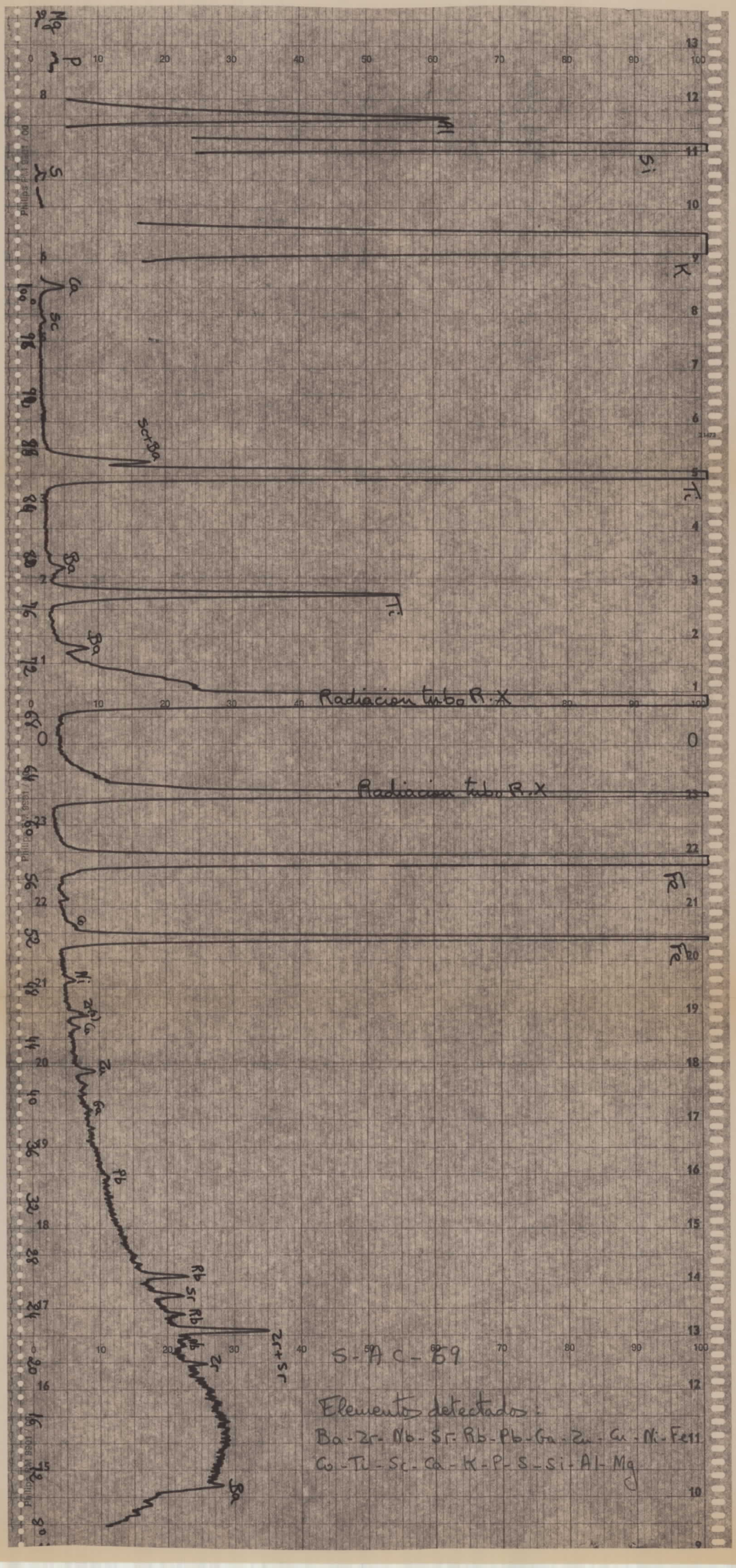

Si
K
Ti
Fe
Fe
Al
P
S
Cl
Ca
Sc
Sc+Ba
Ba
Ti
Ba
Mu
Mu
Co
Ni
Zn
Ga
Pb
Br
Rb
Sr
Pb
Zr+Sr
Zr
Ba
S-AC-64
Elementos detectados:
Ba-Zr-Sr-Rb-Br-Pb-Ga-Zn-Cu-Ni-Fe-Co-Mn
Ti-Sc-Ca-K-Cl-S-Si-Al-P

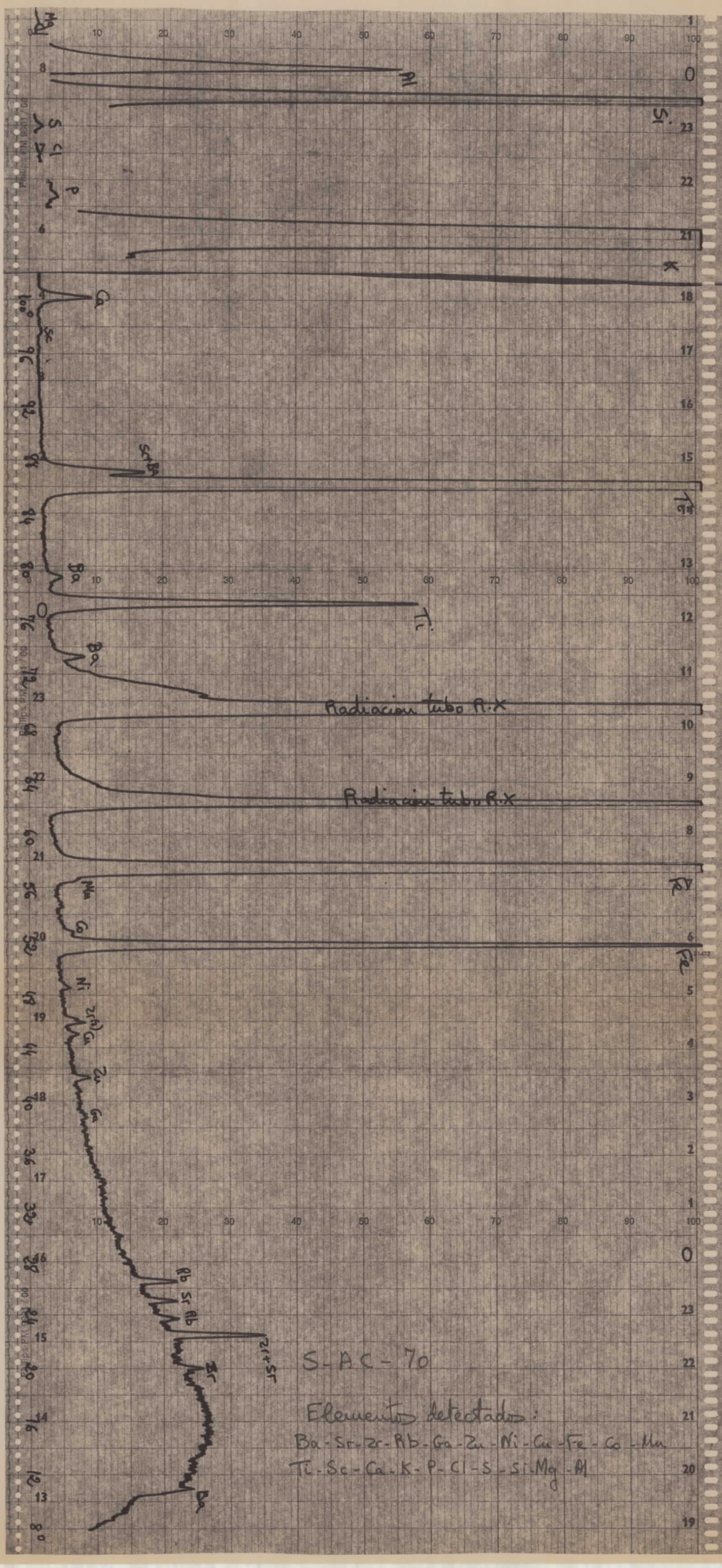

S-AC-65
Elementos detectados:
Ba-Ag-Zr-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe-Co
Ti-Sc-Ca-K-P-S-Si-Al-Mg
Radiación tubo RX
Radiación tubo RX
Si
K
Ti
Fe
Fe
Al
Mg
S
P
Ca
Sc
Ba+Sc
Ba
Ti
Ba
Co
Ni
Zr
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Ag
Ba

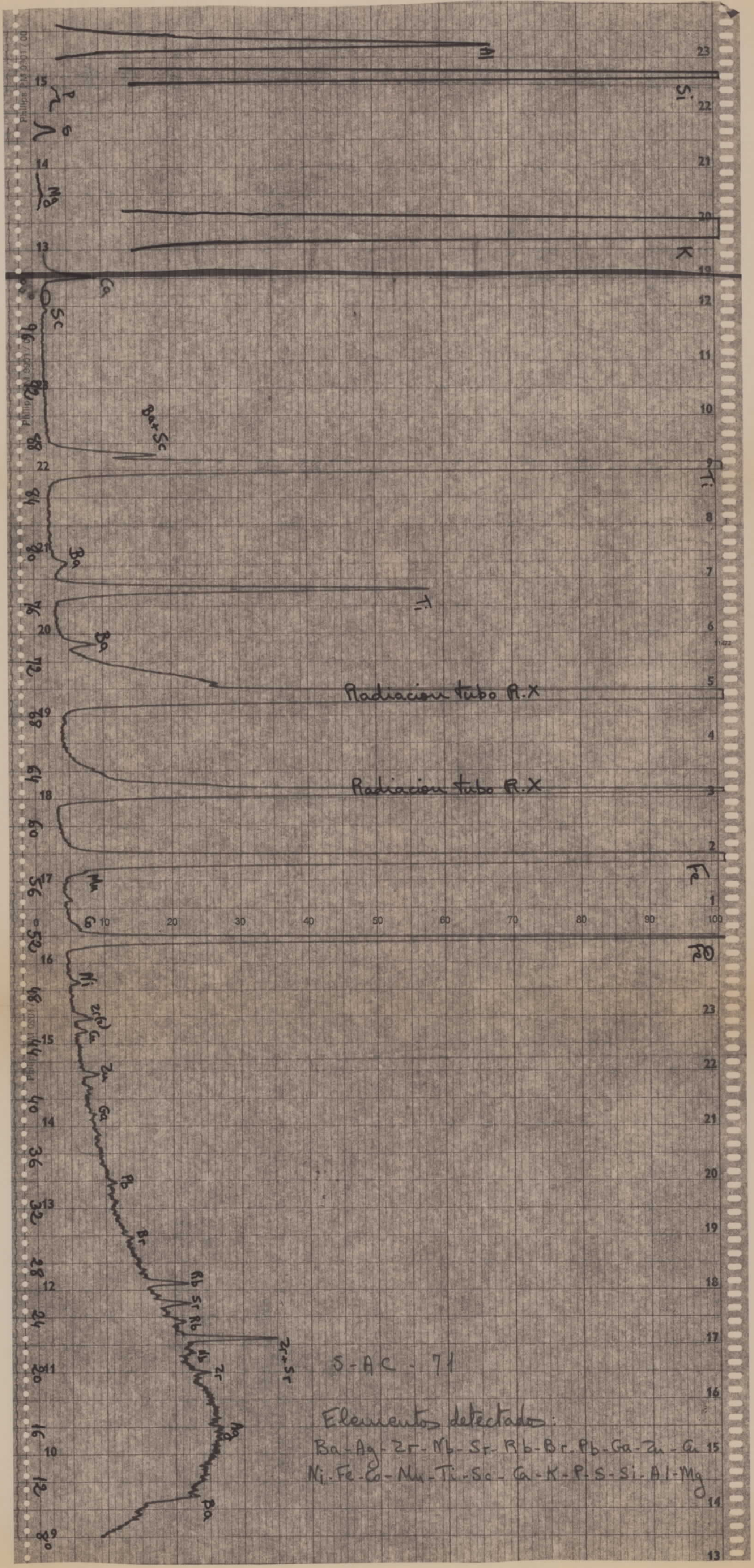

Mg
Al
Si
P
S
Cl
K
Ca
Ti
Sc
Mn
Fe
Co
Ni
Cu
Zn
Ga
As
Se
Br
Rb
Sr
Zr+Sr
Ba
Ba+Sc
Radiacion tubo R.X
Radiacion tubo R.X
10
20
30
40
50
60
70
80
90
100
S-AC-66
Elementos detectados :
Ba - Zr - Sr - Rb - Br - Zn - Cu - Ni - Fe
Co - Mn - Ti - Sc - Ca - K - P - S - Si - Al - Mg

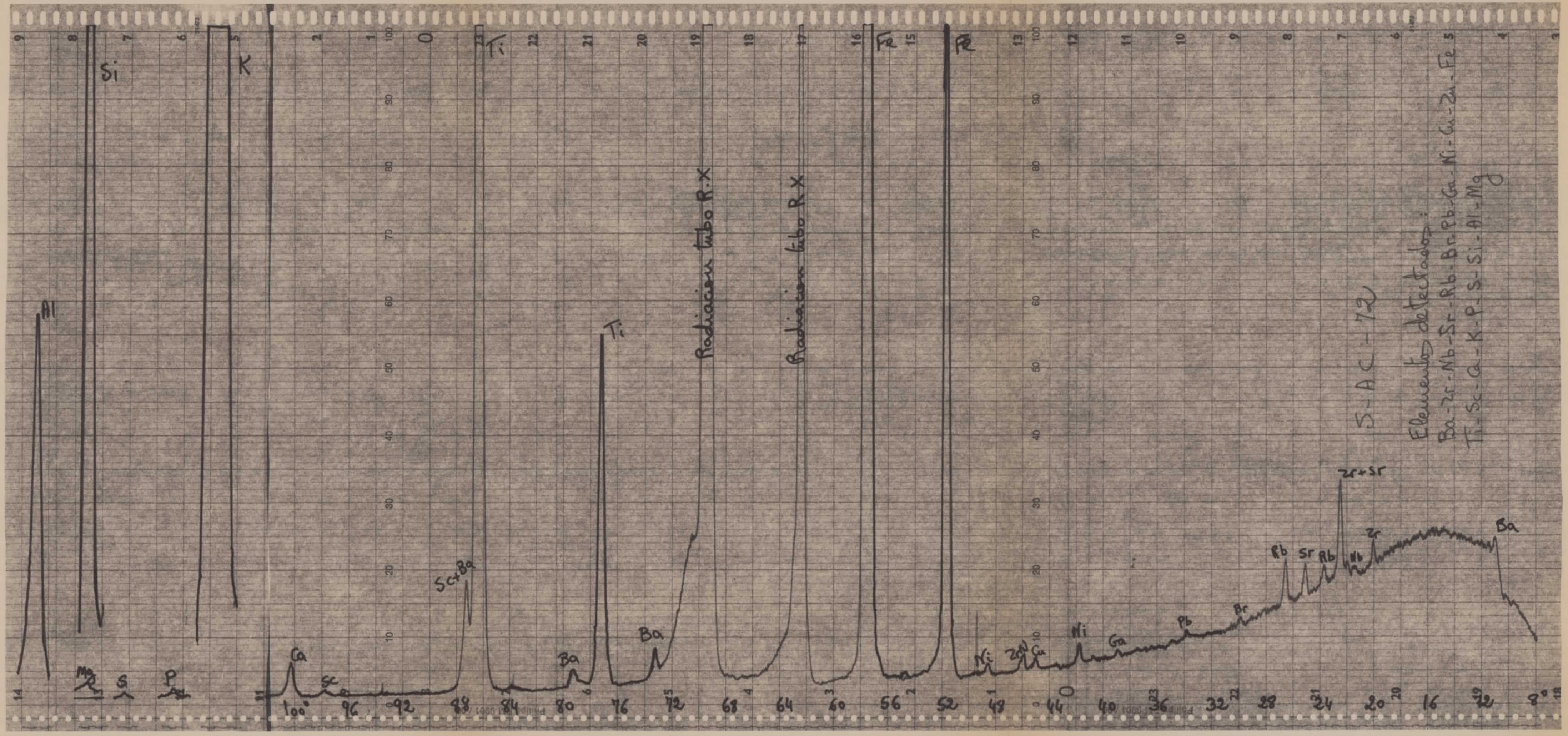

Al
Si
S
Mg
K
Ca
Sc
Ti
Ba+Sc
Ba
Ti
Ba
Ba
Ti
Radiación tubo R.X
Mn
Radiación tubo R.X
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Sr+Zr
Zr
Ba
S-AC-67
Elementos detectados:
Ba-Zr-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe-Co
Mn-Ti-Sc-Ca-K-S-Si-P-Al-Mg

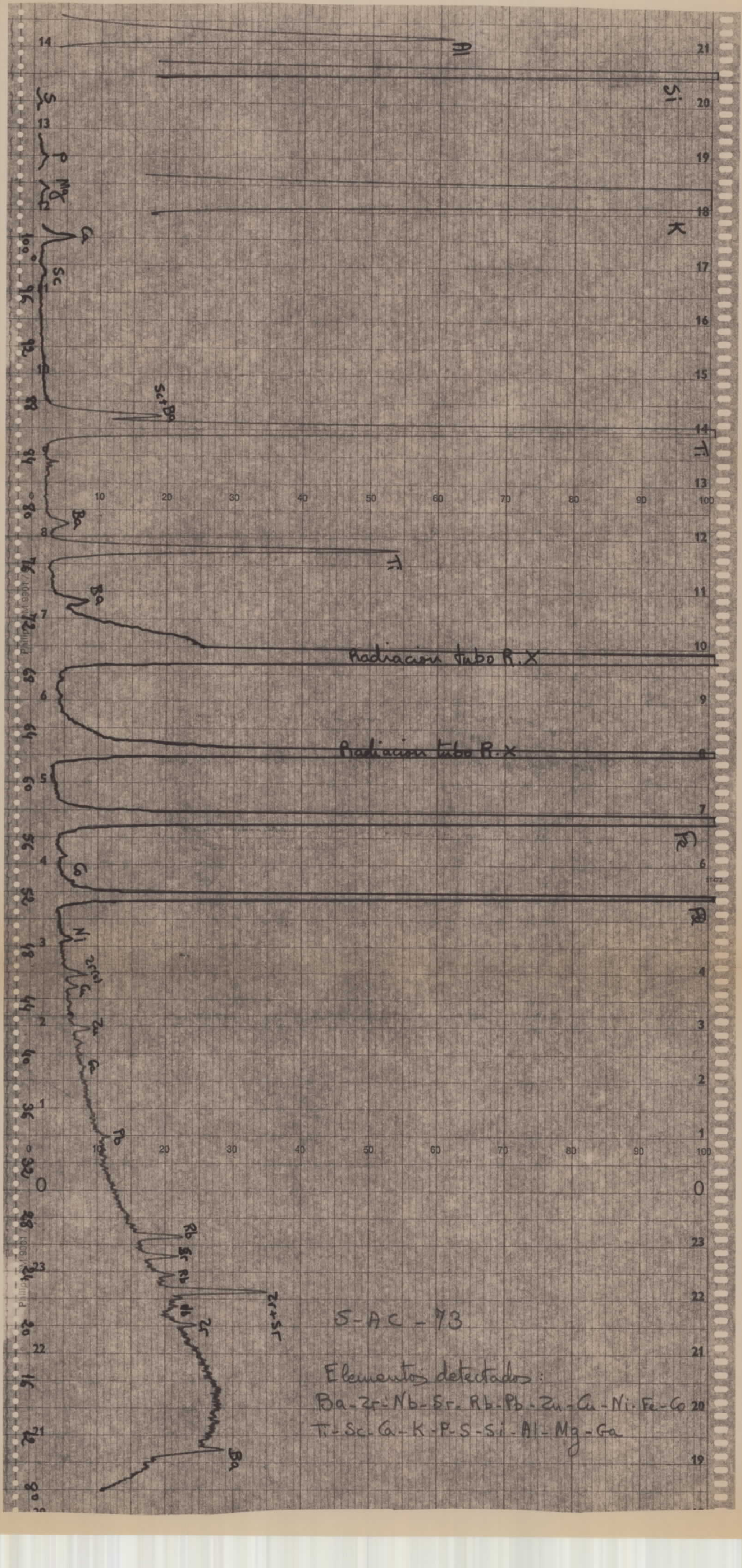

Al
Si
K
Ca
Ti
Sc Ka
Ti
Ba
Ba
Ba
Radiación tubo R-X
Radiación tubo R-X
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr Rb
Nb
Zr
Zr+Sr
Ba
S-A°C-68
Elementos detectados:
Ba - Zr - Nb - Sr - Rb - Br - Pb - Ga - Zn - Cu - Ni - Fe
Co - Ti - Sc - Ca - K - P - Cl - S - Si - Al -


Al
Si
K
Ca
Sc
Sc+Ba
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
Ni
Zn
Ga
Pb
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ba
S-AC-69
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe
Co-Ti-Sc-Ca-K-P-S-Si-Al-Mg


Al
Si
S
Cl
P
K
Ca
Sc
Sc+Ba
Ba
Ti
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Mn
Co
Fe
Ni
Zr(?)
Cu
Zn
Ga
Rb
Sr
Rb
Zr+Sr
Zr
Ba
S-AC-70
Elementos detectados:
Ba-Sr-Zr-Rb-Ga-Zn-Ni-Cu-Fe-Co-Mn
Ti-Sc-Ca-K-P-Cl-S-Si-Mg-Al


Al
Si
K
Ca
Sc
Ba+Sc
Ti
Ba
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Mn
Co
Ni
Zr(2)
Ga
Zn
Ga
Pb
Br
Rb
Sr Rb
Nb
Zr
Zr+Sr
Ag
Pa
S-AC-71
Elementos detectados:
Ba - Ag - Zr - Nb - Sr - Rb - Br - Pb - Ga - Zn - Cu
Ni - Fe - Co - Mn - Ti - Sc - Ca - K - P - S - Si - Al - Mg


Si
K
Ti
Fe
Al
Mg
Si
P
Ca
Sc
Sc+Ba
Ba
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Ni
Ga
Pb
Br
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ba
S-AC-72
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Br-Pb-Ga-Ni-Cu-Zn-Fe
Ti-Sc-Ca-K-P-S-Si-Al-Mg

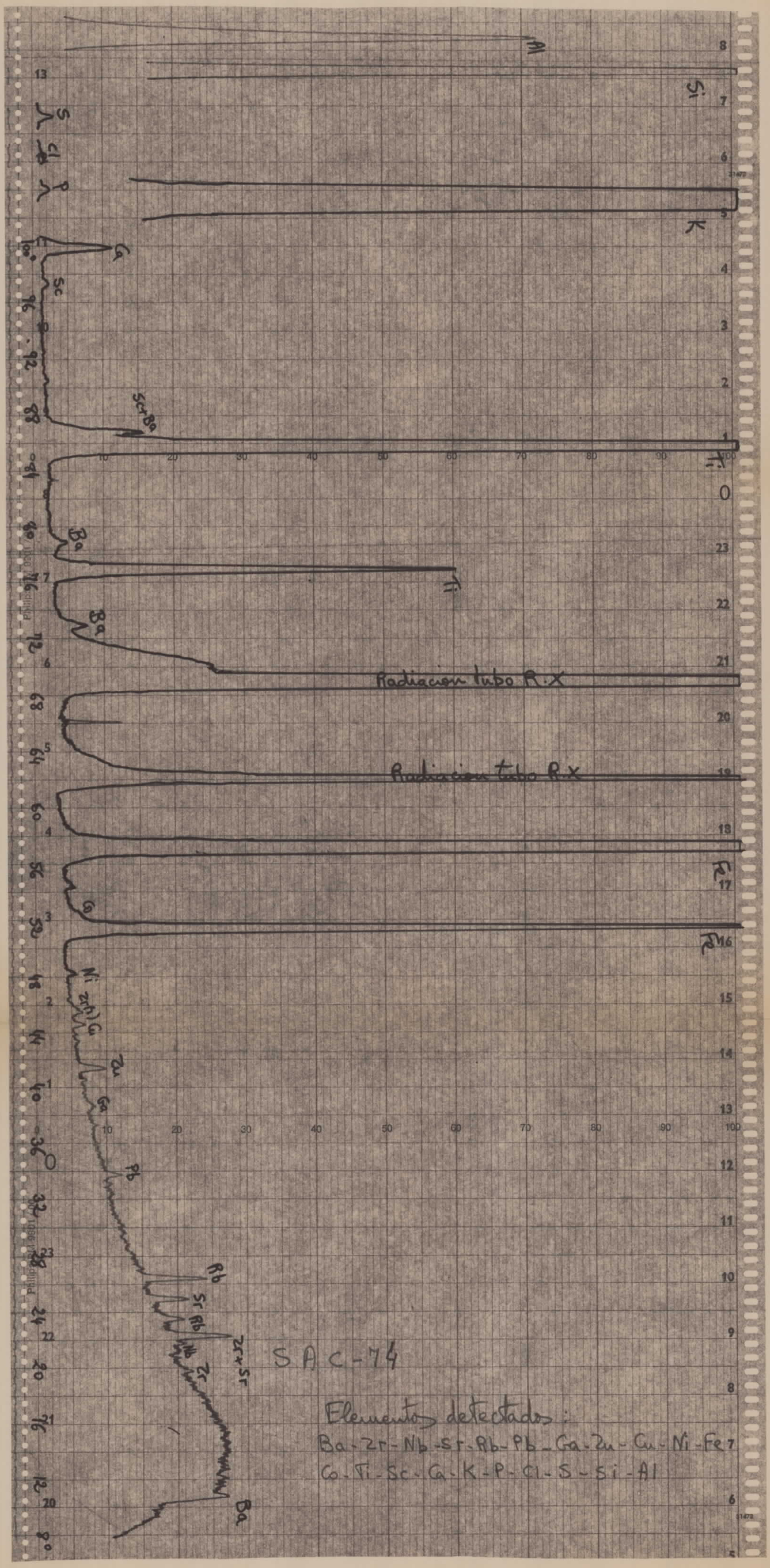


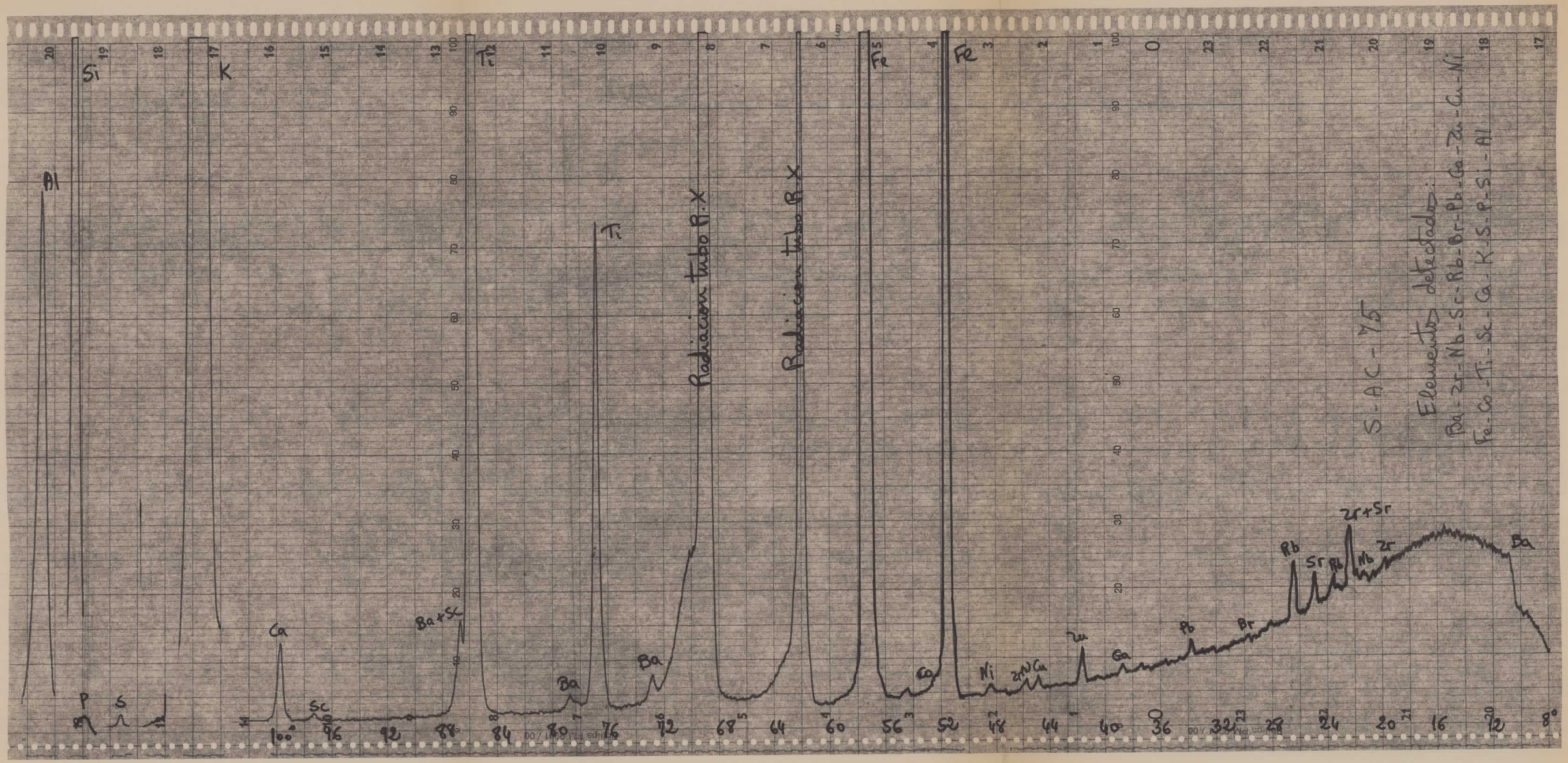
S-AC-73

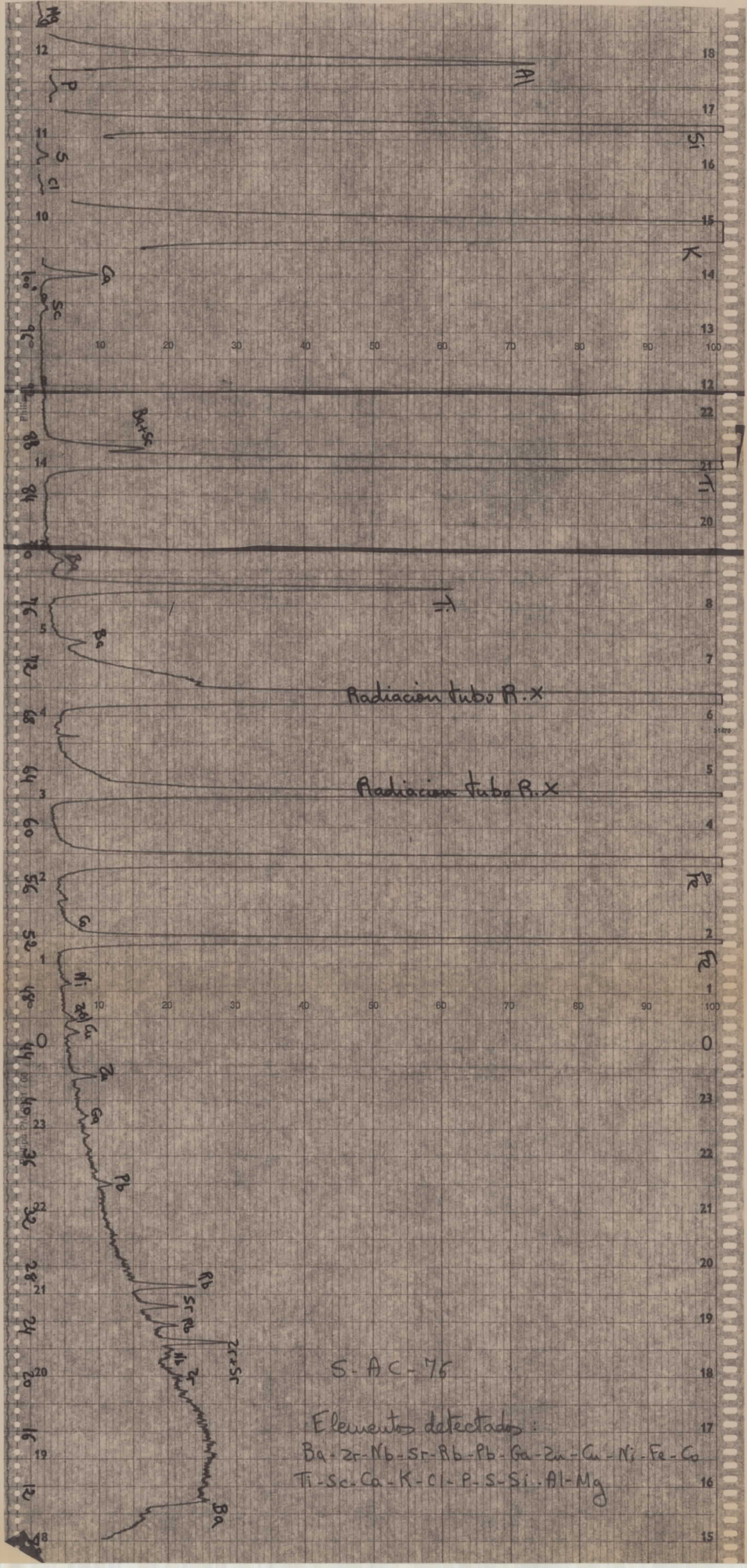
Elementos detectados:

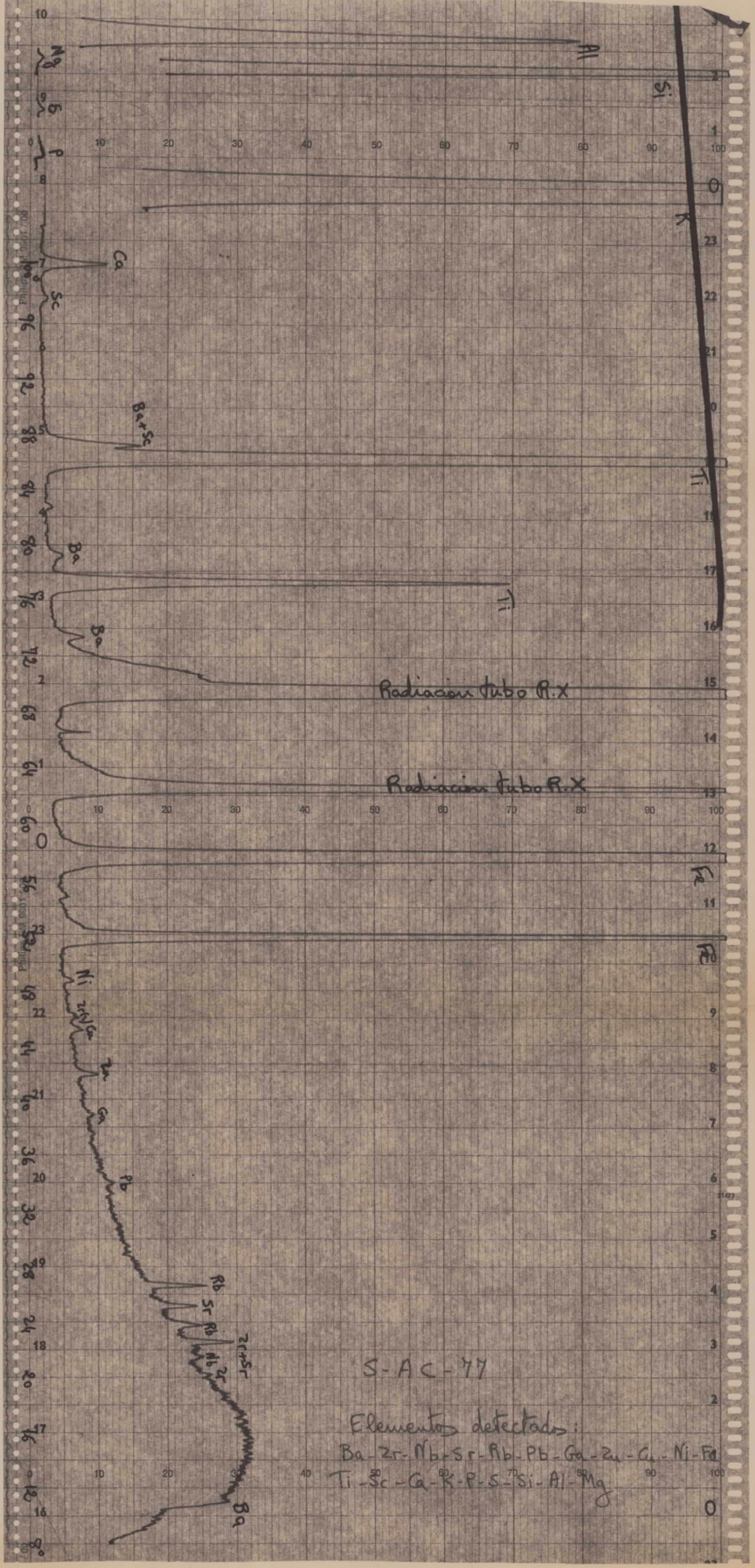
Ba - Zr - Nb - Sr - Rb - Pb - Zn - Cu - Ni - Fe - Co

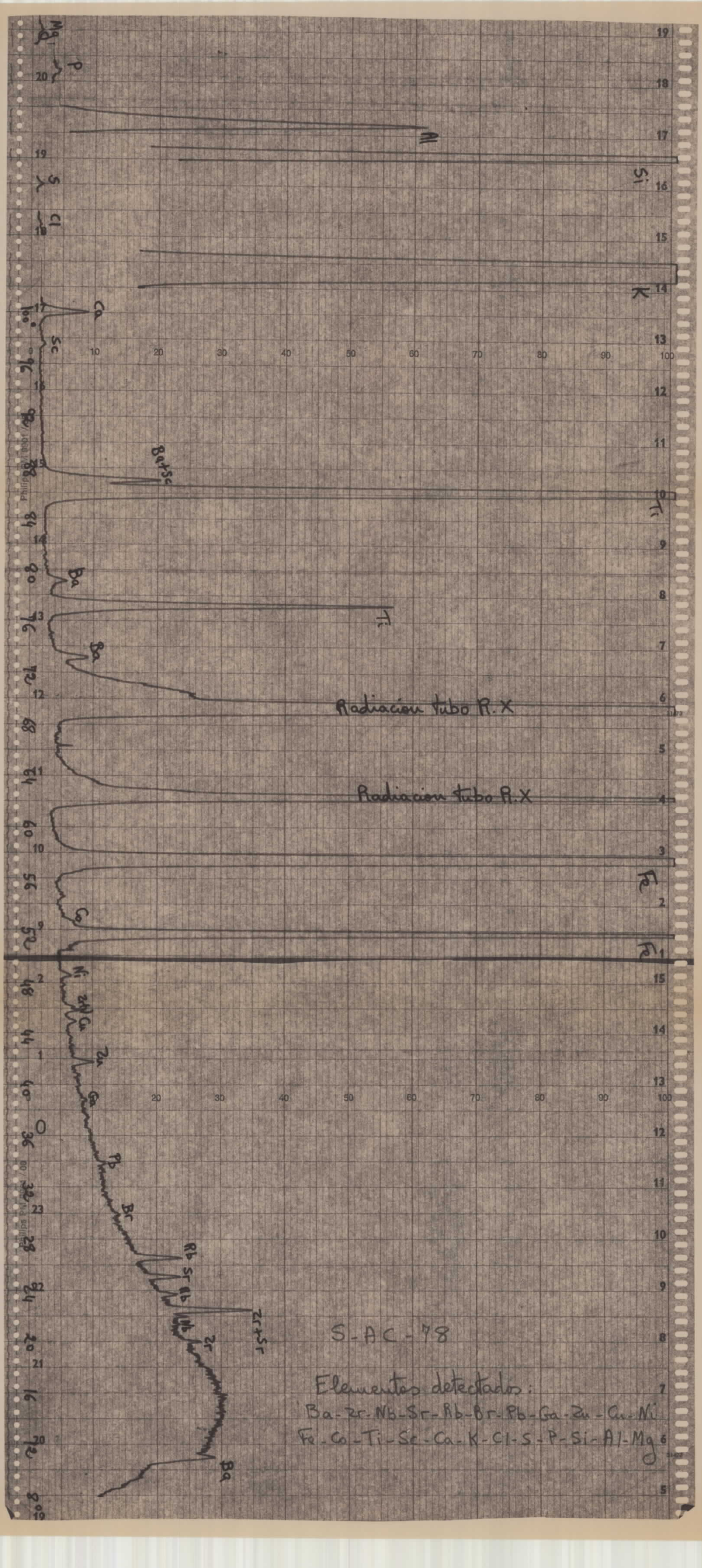
Ti - Sc - Ca - K - P - S - Si - Al - Mg - Ga


Al
Si
S
Cl
P
K
Ca
Sc
Sc+Ba
Ba
Ti
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
Ni
Zr(h)
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ba
SAC-74
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe
Co-Ti-Sc-Ca-K-P-Cl-S-Si-Al


Al
Si
K
Ca
Ba+Sc
Sc
Ba
Ti
Radiación tubo R.X
Radiación tubo R.X
Fe
Fe
Co
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Zr+Sr
Nb
Zr
Ba
S-AC-75
Elementos detectados:
Ba-Zr-Nb-Sc-Rb-Br-Pb-Ga-Zn-Cu-Ni
Fe-Co-Ti-Sc-Ca-K-S-P-Si-Al


Mg
Al
P
Si
S
Cl
K
Ca
Ti
Sc
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Zr
Nb
Ba
Radiacion tubo R.X
Radiacion tubo R.X
S-AC-76
Elementos detectados:
Ba - Zr - Nb - Sr - Rb - Pb - Ga - Zn - Cu - Ni - Fe - Co
Ti - Sc - Ca - K - Cl - P - S - Si - Al - Mg


Mg
Al
Si
P
S
Cl
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Rb
Sr
Y
Zr+Sr
Nb
Ba
Ba+Sc
Ba
Ba
Ti
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Ni
Zn
Pb
Rb
Sr
Rb
Nb
Zr+Sr
Ba
S-AC-77
Elementos detectados:
Ba - Zr - Nb - Sr - Rb - Pb - Ga - Zn - Cu - Ni - Fe
Ti - Sc - Ca - K - P - S - Si - Al - Mg

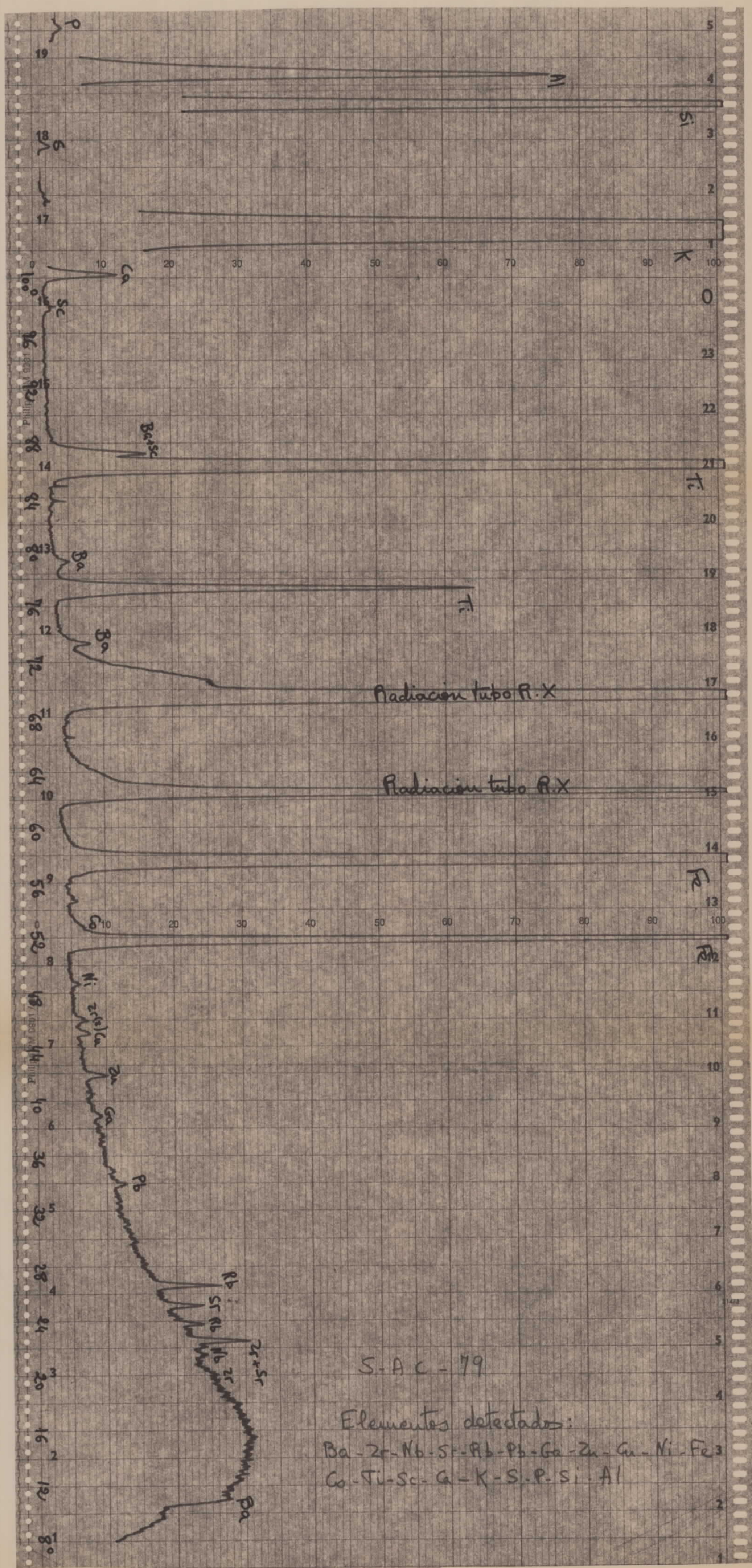


S-AC-78

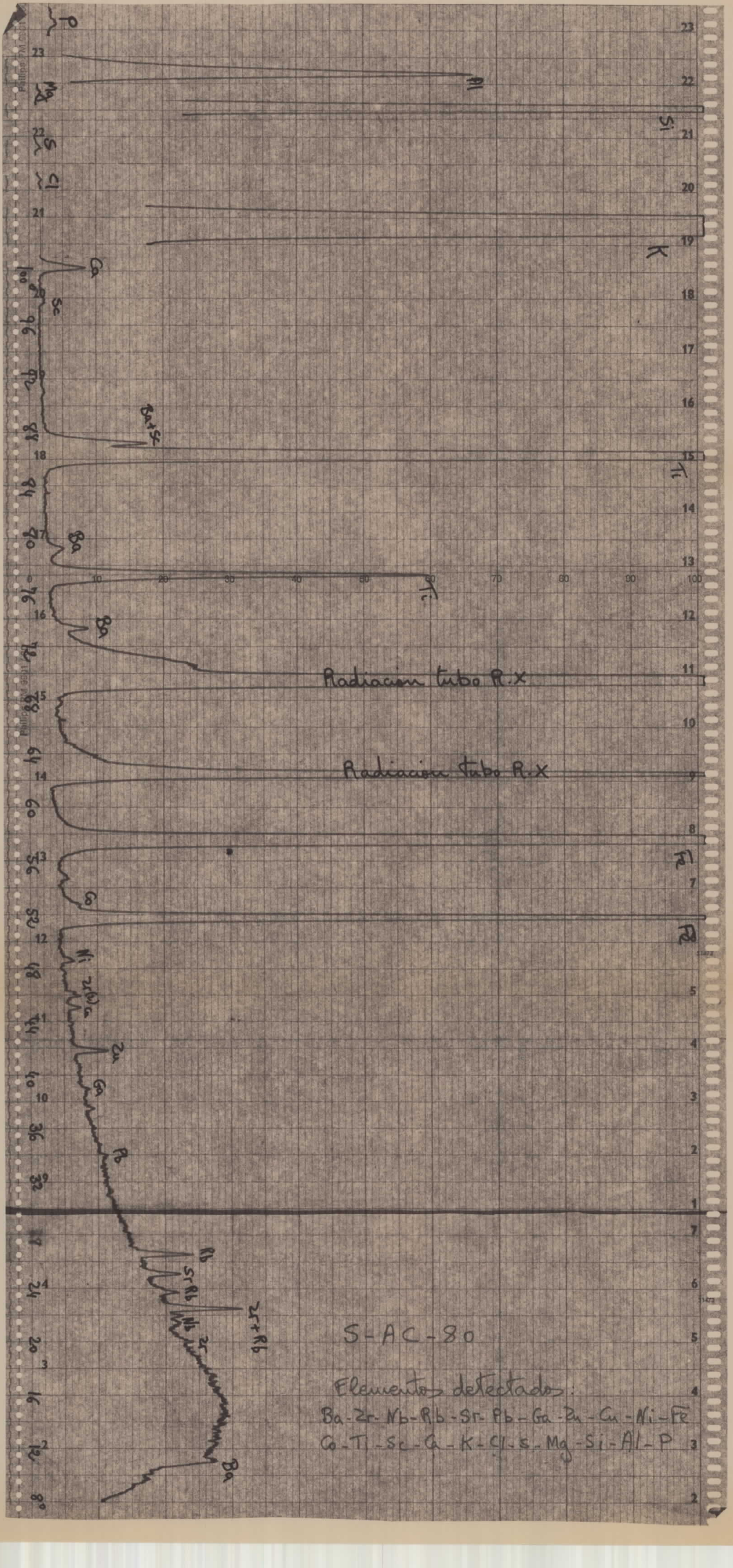
Elementos detectados:

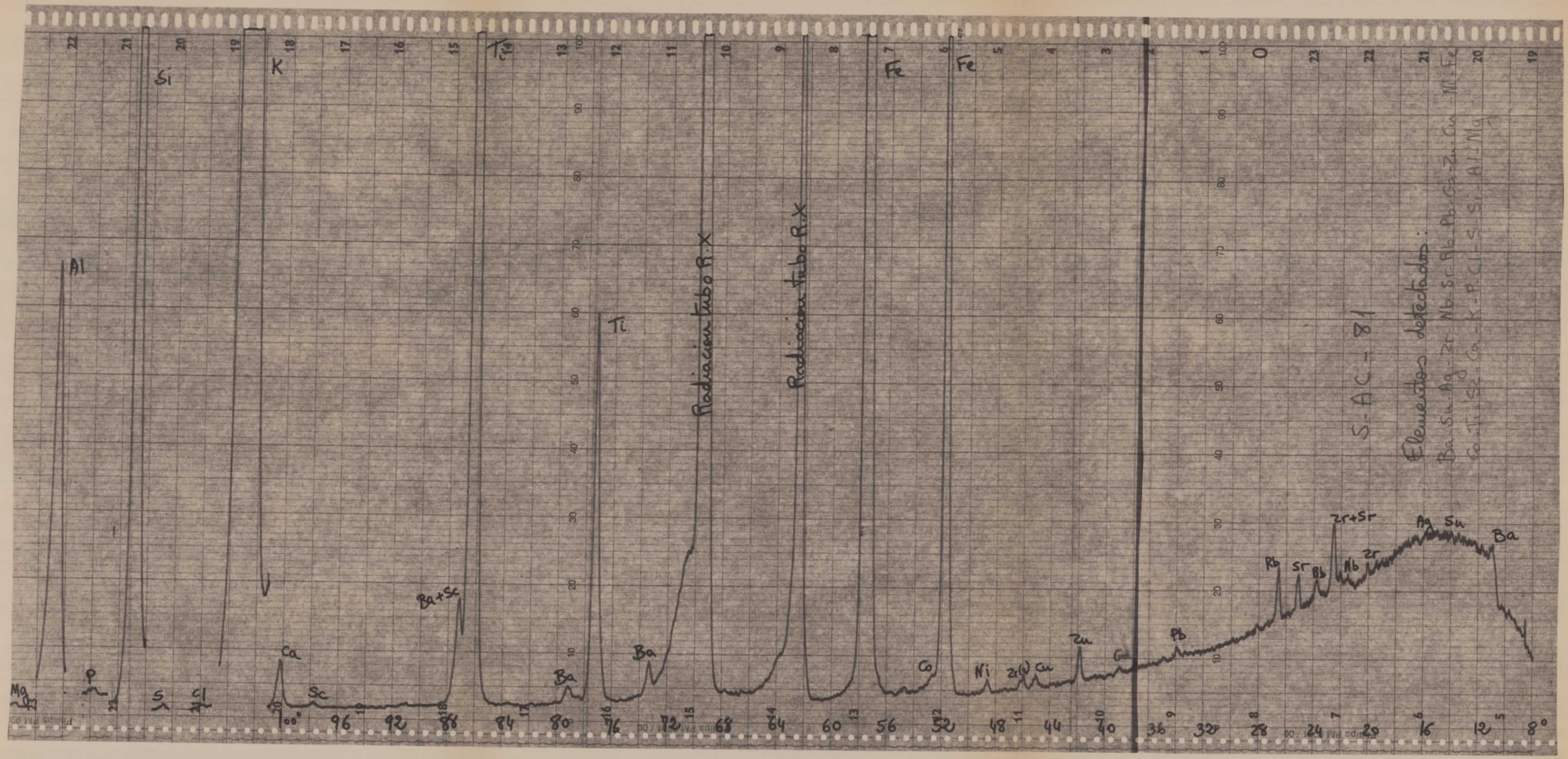
Ba - Zr - Nb - Sr - Rb - Br - Pb - Ga - Zn - Cu - Ni

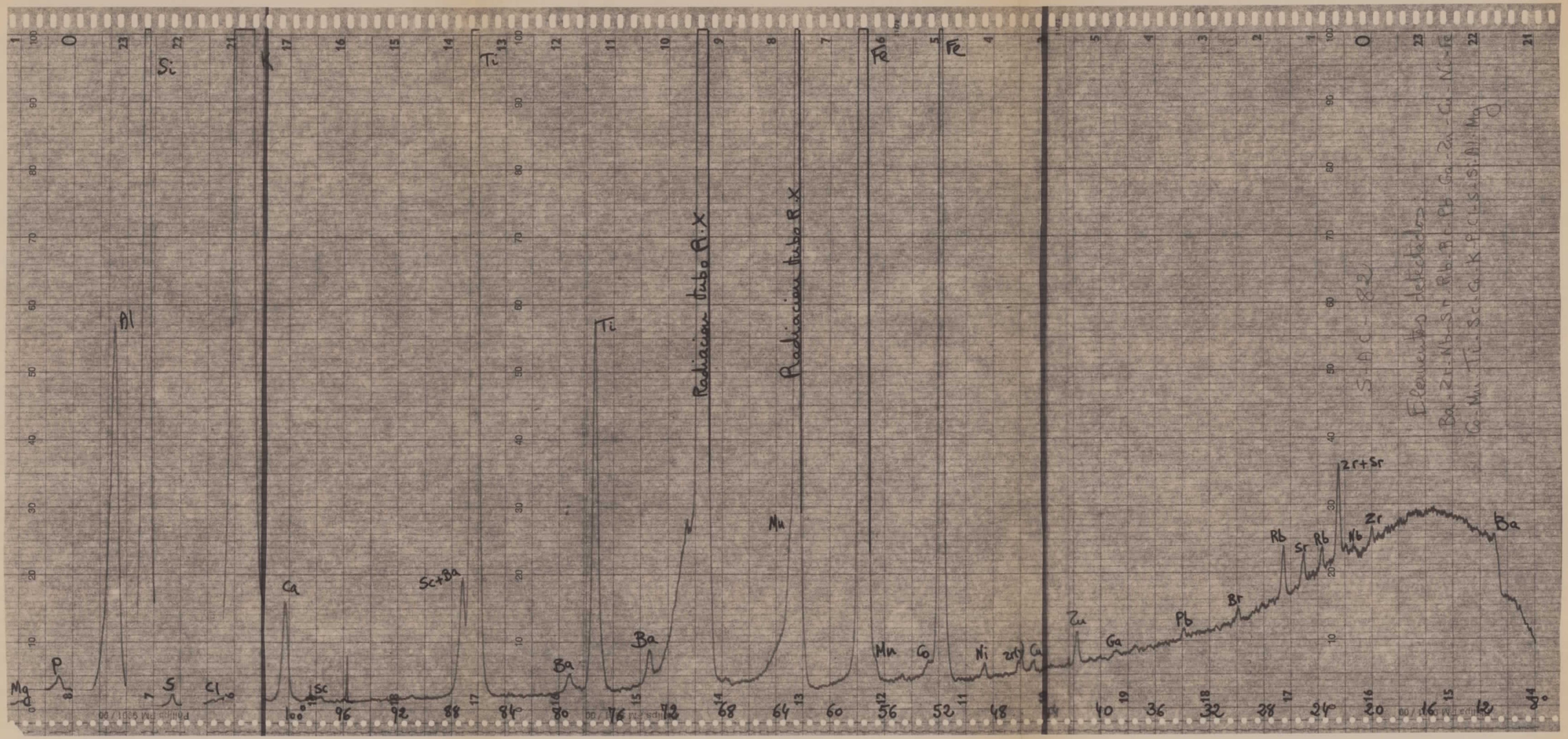
Fe - Co - Ti - Sc - Ca - K - Cl - S - P - Si - Al - Mg

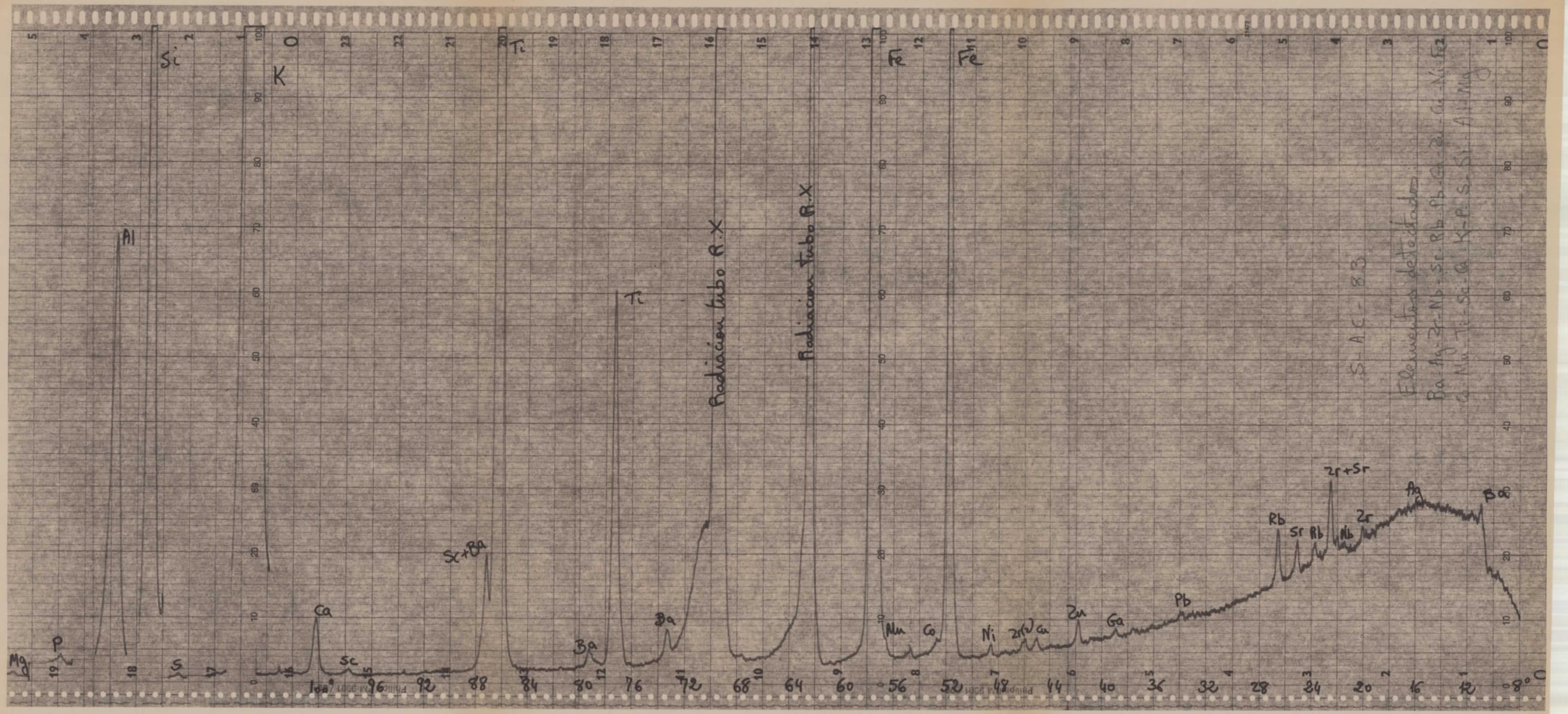


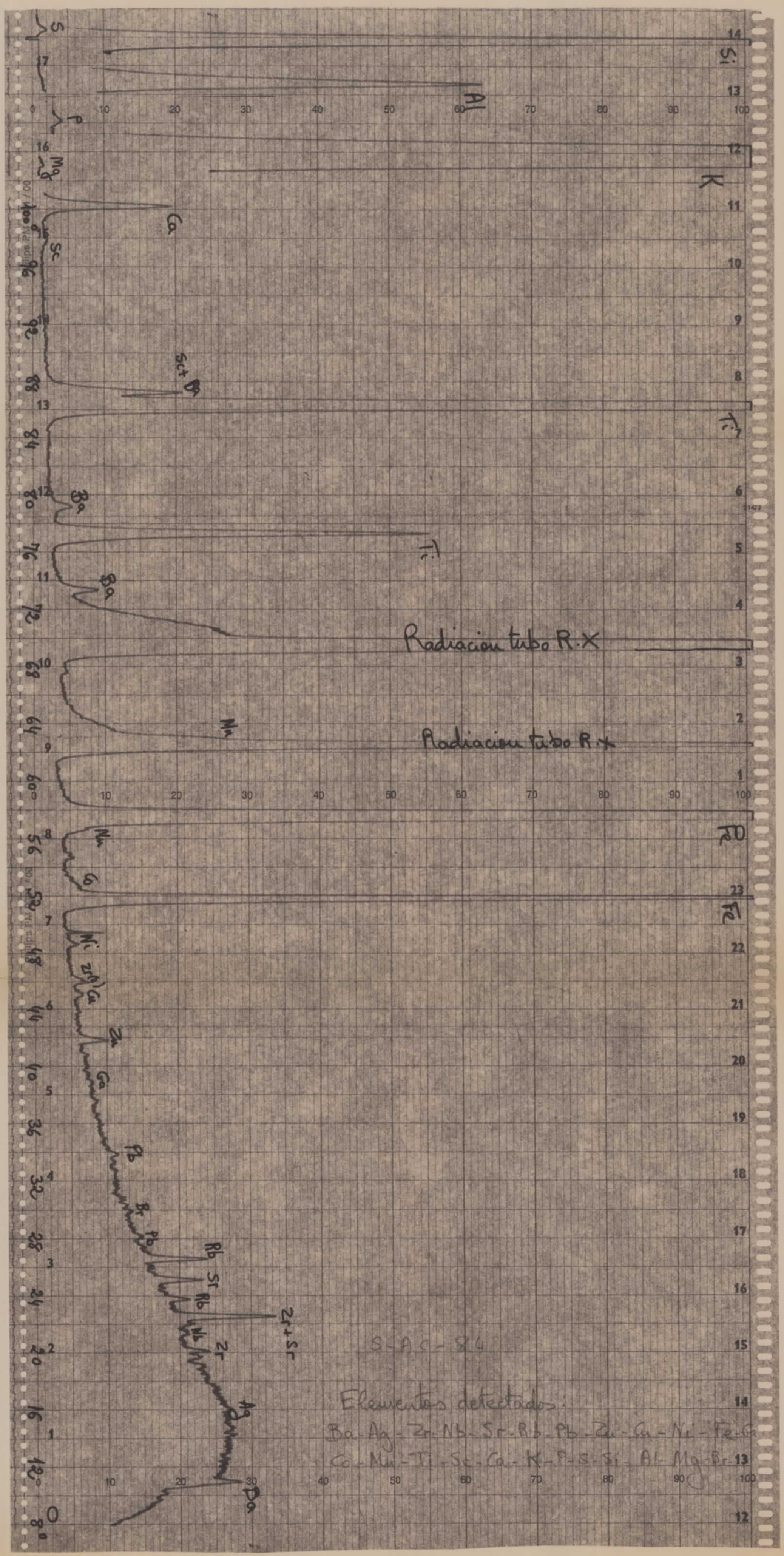
Al
Si
K
Ca
Sc
Ba+Sc
Ti
Ba
Radiación tubo R.X
Radiación tubo R.X
Fe
Co
Ni
Zr(2)Cu
Zn
Ga
Pb
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ba
S-AC-79
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe
Co-Ti-Sc-Ca-K-S-P-Si-Al


P
Al
Mg
Si
S
Cl
K
Ca
Sc
Ti
Ba+Sc
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Co
Ni
Zn
Ga
Pb
Rb
Sr+Rb
Sr
Nb
Zr
Ba
S-AC-80
Elementos detectados:
Ba - Zr - Nb - Rb - Sr - Pb - Ga - Zn - Cu - Ni - Fe
Co - Ti - Sc - Ca - K - Cl - S - Mg - Si - Al - P

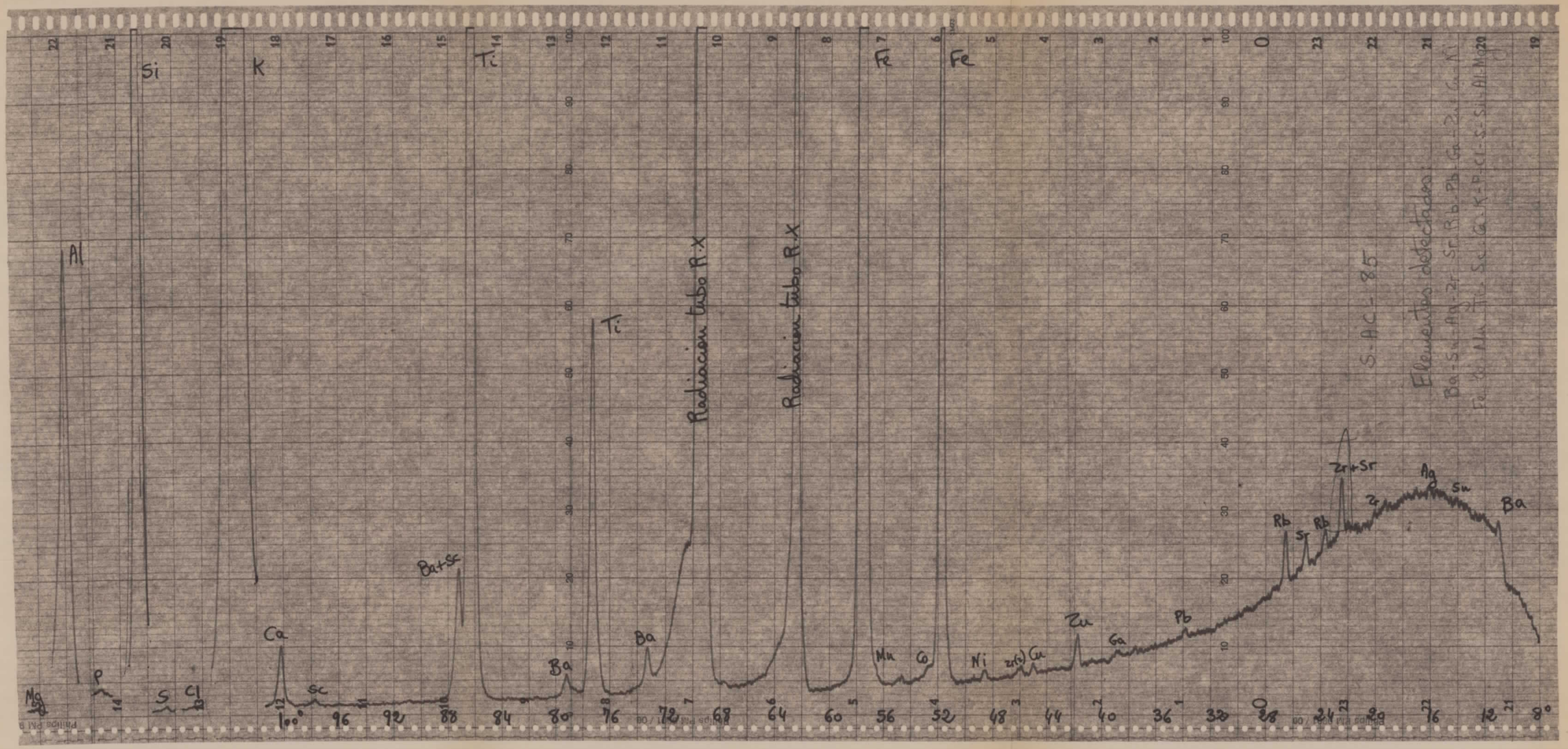

S-AC-81
Elementos detectados:
Ba-Sn-Ag-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe
Co-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg
Al
Si
K
Ti
Fe
Fe
Radiación tubo R.X
Radiación tubo R.X
Mg
P
S
Cl
Ca
Sc
Ba+Sc
Ba
Ti
Ba
Co
Ni
Zn
Cu
Pb
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ag
Sn
Ba

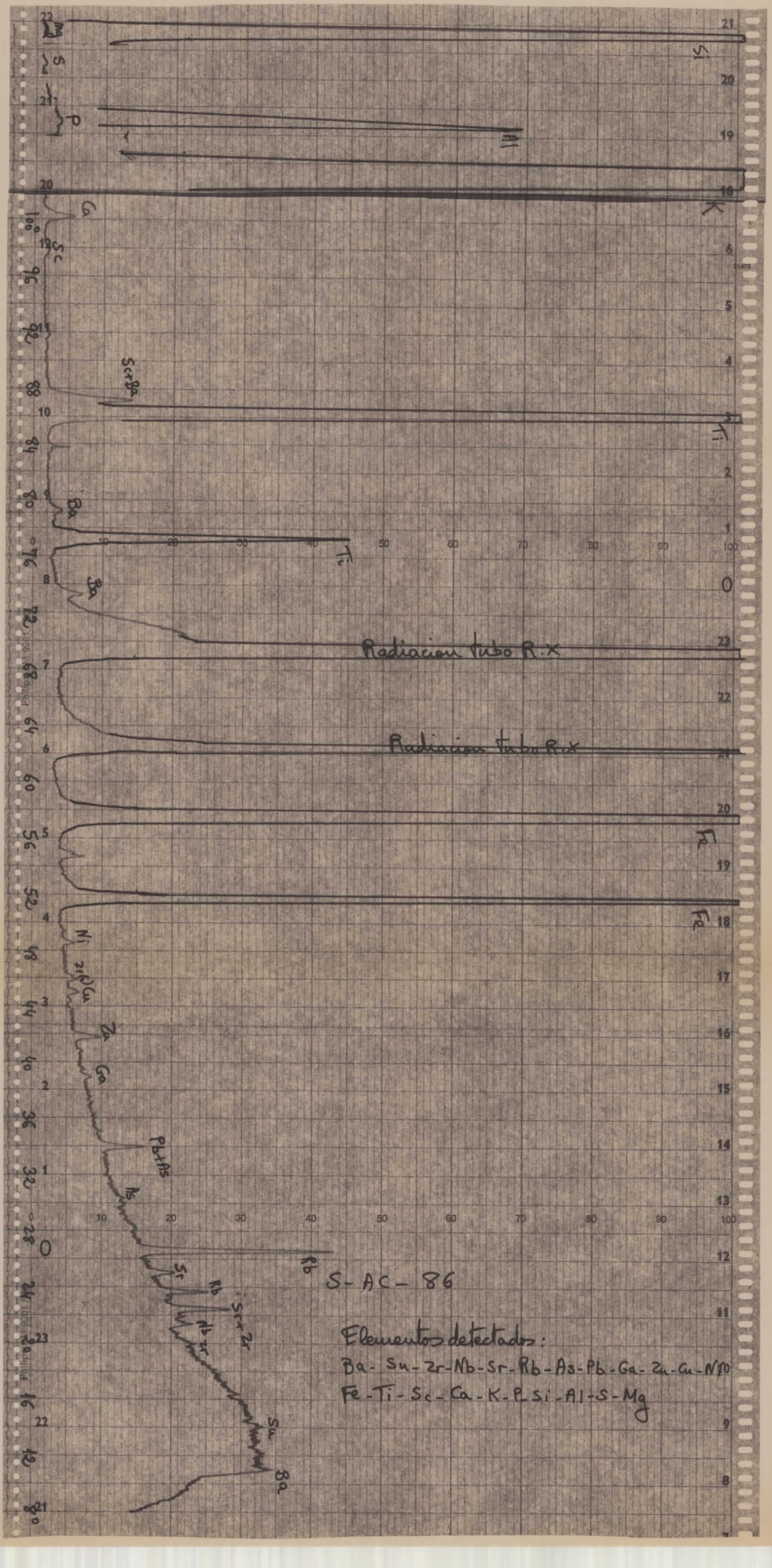

Mg
P
Al
Si
S
Cl
K
Ca
Sc
Sc+Ba
Ba
Ti
Ba
Radiacion tubo R.X
Mn
Radiacion tubo R.X
Fe
Mn
Co
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ba
S-A C-82
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Br-Pb-Ga-Zn-Cu-Ni-Fe
Co-Mn-Ti-Sc-Ca-K-Cl-S-Si-Al-Mg

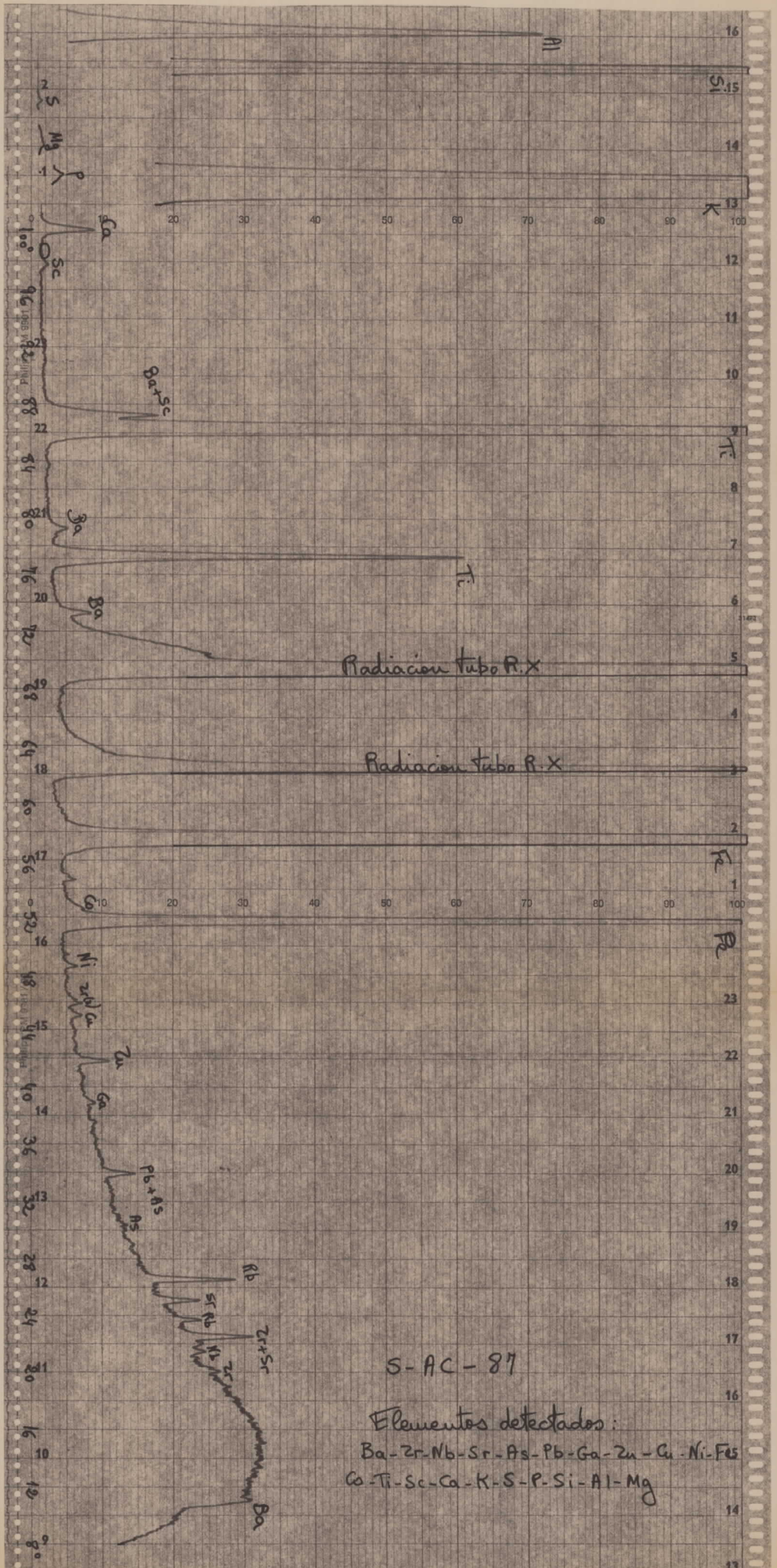

Mg
P
Al
Si
S
K
Ca
Sc
Sc+Ba
Ti
Ba
Ti
Radiación tubo R.X
Radiación tubo R.X
Fe
Fe
Mn
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Nb
Zr+Sr
Zr
Ag
Ba
S-AC-83
Elementos detectados
Ba-Ag-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe2
Co-Mn-Ti-Sc-Ca-K-P-S-Si-Al-Mg



S
Si
Al
P
Mg
K
Ca
Sc
Sc+Ba
Ti
Ba
Radiacion tubo R.X
Mn
Radiacion tubo R.X
Fe
Mn
Co
Fe
Ni
Zr+Cu
Zn
Ga
Pb
Br
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ag
Ba
S-AC-84
Elementos detectados:
Ba-Ag-Zr-Nb-Sr-Rb-Pb-Zn-Cu-Ni-Fe-Ga
Co-Mn-Ti-Sc-Ca-K-P-S-Si-Al-Mg-Br


Al
Si
K
Ti
Fe
Fe
Mg
P
S
Cl
Ca
Sc
Ba+Sc
Ti
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Mn
Co
Ni
Zr(L)
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Ag
Sn
Ba
S-AC-85
Elementos detectados:
Ba-Sn-Ag-Zr-Sr-Rb-Pb-Ga-Zn-Cu-Ni
Fe-Mn-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg


Ba
Ti
Ba
Radiacion tubo R.x
Radiacion tubo R.x
Fe
Ni
Zn Ga
Ga
Pb+As
As
Rb
Sr
Rb
Sr+Zr
Nb Zr
Sn
Ba
S-AC-86
Elementos detectados:
Ba - Sn - Zr - Nb - Sr - Rb - As - Pb - Ga - Zn - Cu - Ni
Fe - Ti - Sc - Ca - K - P - Si - Al - S - Mg


Al
Si
K
Ca
Sc
Ba+Sc
Ti
Ba
Ti
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Ca
Mn
Fe
Ni
Zn(K) Ga
Zn
Ga
Pb+As
As
Rb
Sr Rb
Zr+Sr
Zr
Ba
S-AC-87
Elementos detectados:
Ba-Zr-Nb-Sr-As-Pb-Ga-Zn-Cu-Ni-Fe
Co-Ti-Sc-Ca-K-S-P-Si-Al-Mg

Mg Si Al P Cl Ca Sc Ti V Cr Mn Fe Co Ni Cu Zn Ga Ge As Se Br Rb Sr Zr Nb Mo Ag Cd Sn Sb Te I Ba

Radiacion tubo R.X

Radiacion tubo R.X

Fe

S-AC-88

Elementos detectados

Ba - Cd - Zr - Nb - Sr - Rb - Br - Pb - Ga - Zn - Cu

Ni - Fe - Co - Mn - Ti - Sc - Ca - K - P - S - Si - Al - Mg

Cl

Mg Al Si P S Cl K Ca Sc Ti V Cr Mn Fe Co Ni Cu Zn Ga Ge As Se Br Rb Sr Y Zr Nb Mo Ag Cd Sn Sb Te I Ba La Ce Pr Nd Pm Sm Eu Gd Tb Dy Ho Er Tm Yb Lu Hf Ta W Re Os Ir Pt Au Hg Tl Pb Bi Th U

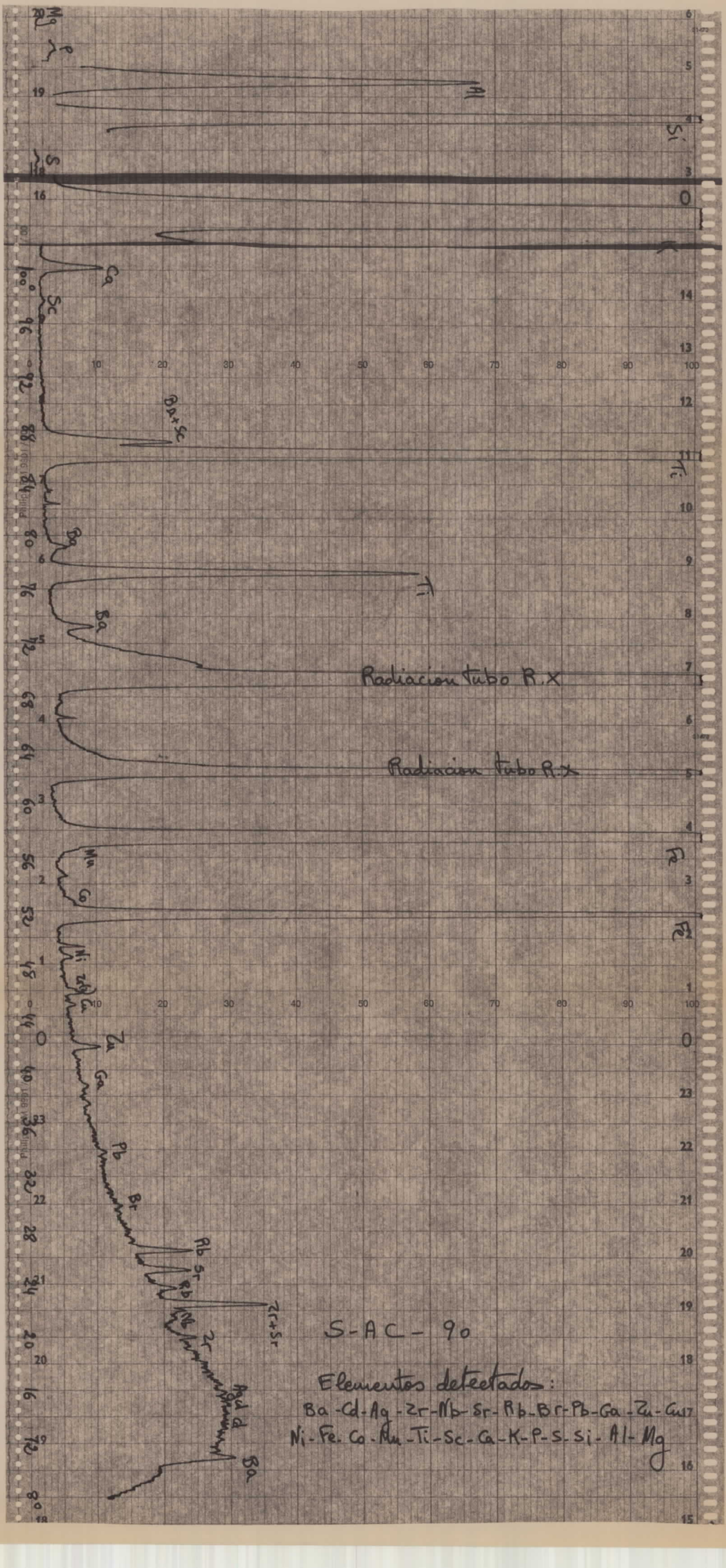
Radiacion tubo R.X

Radiacion tubo R.X

S-AC-89

Elementos detectados:

Ba - Cd - Zr - Nb - Sr - Rb - Pb - Ga - Ni - Cu - Zn
Fe - Co - Mn - Ti - Sc - Ca - K - P - S - Si - Al - Mg


Mg
P
Al
Si
S
O
Ca
Sc
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Mn
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Rb
Zr
Zr+Sr
Ag
Cd
Ba
S-AC-90
Elementos detectados:
Ba-Cd-Ag-Zr-Nb-Sr-Rb-Br-Pb-Ga-Zn-Cu
Ni-Fe-Co-Mn-Ti-Sc-Ca-K-P-S-Si-Al-Mg

Si

Ca

Sc

Ba+Sc

Ba

Ba

Ba

Radiacion tubo R.X

Radiacion tubo R.X

Fe

Fe

Mn

Co

Ni

Ga

Zn

Pb

Rb

Sr

Pb

Nb

Zr

Zr+Sr

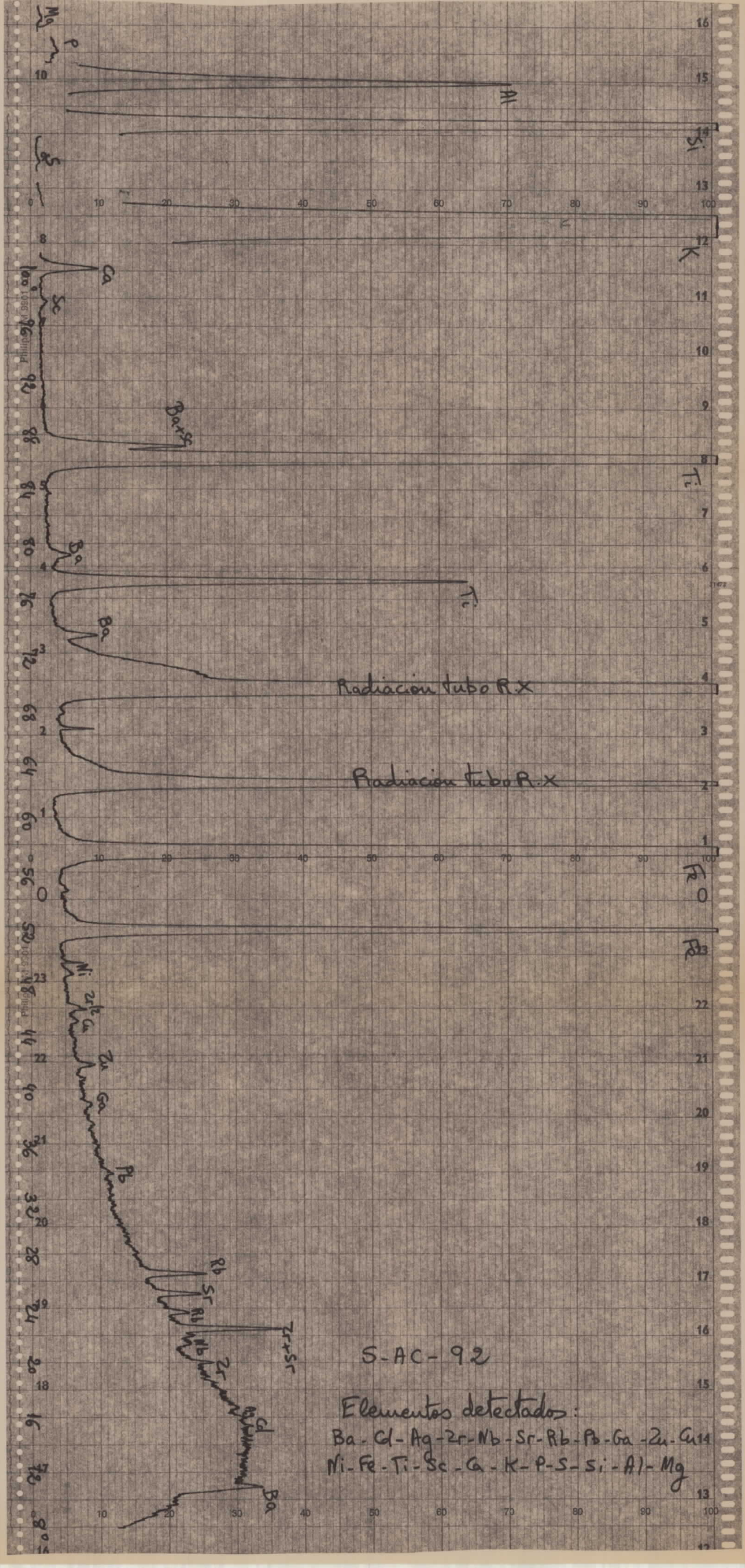
Ba

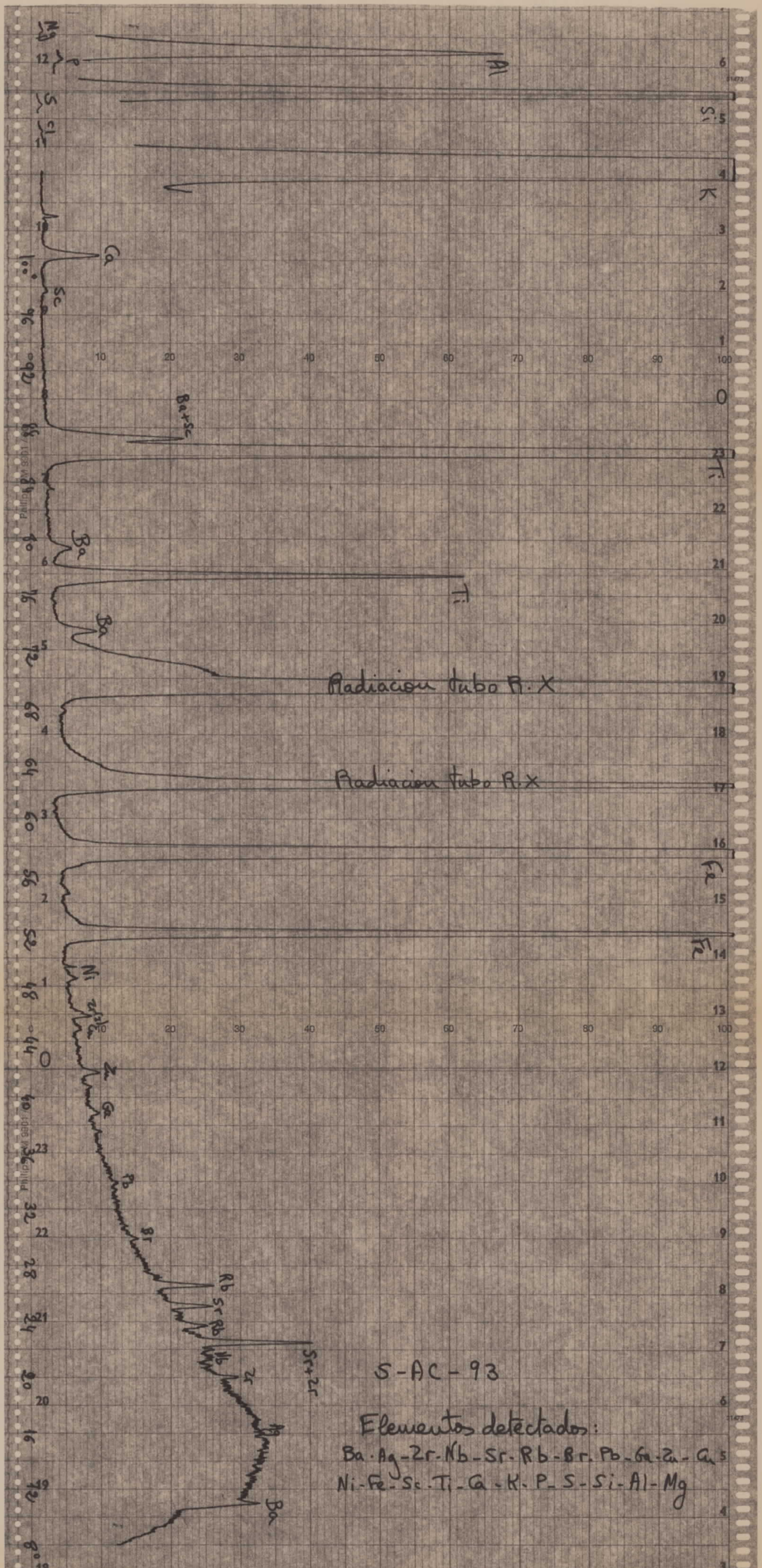
S-AC-91

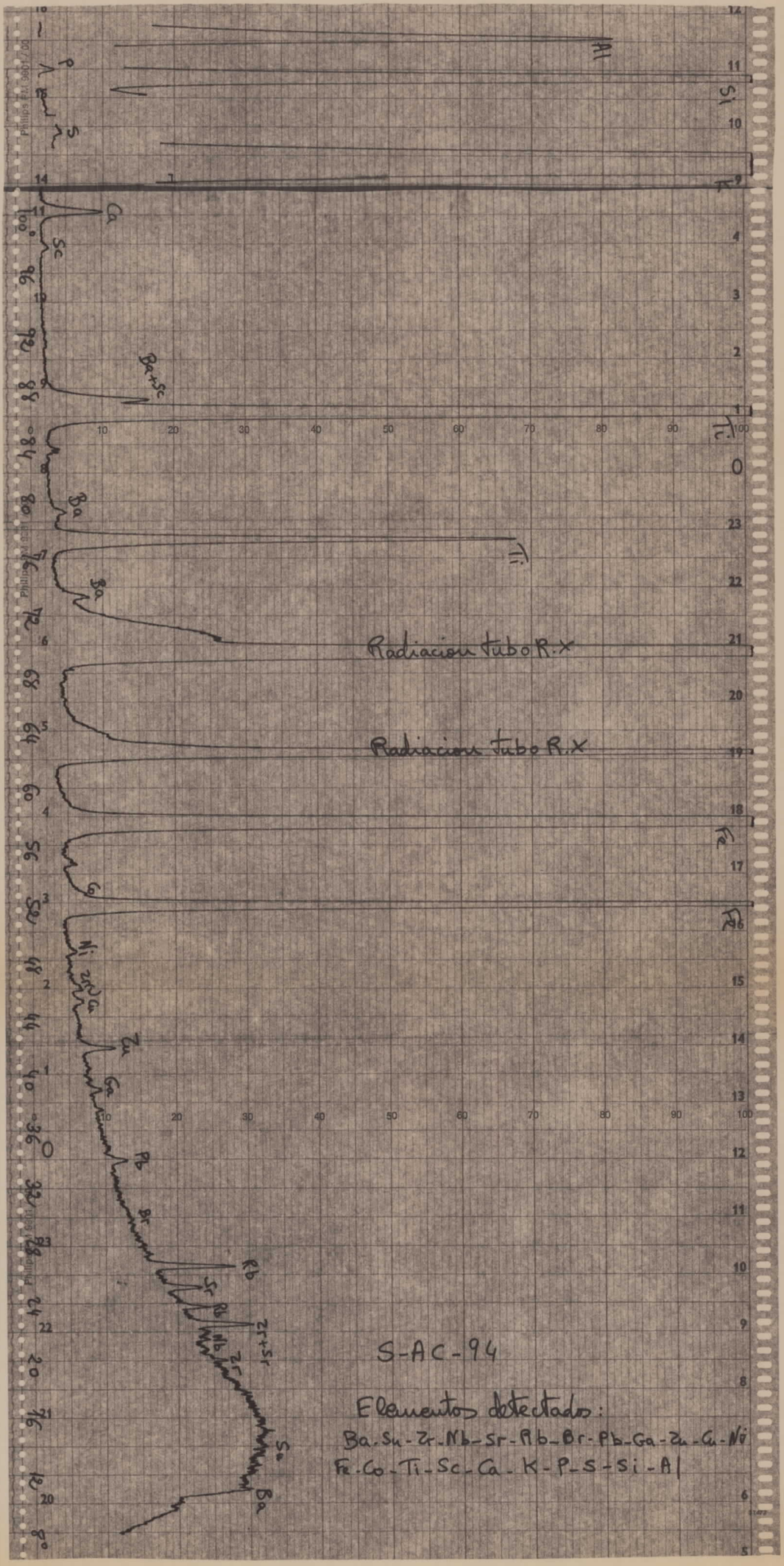
Elementos detectados:

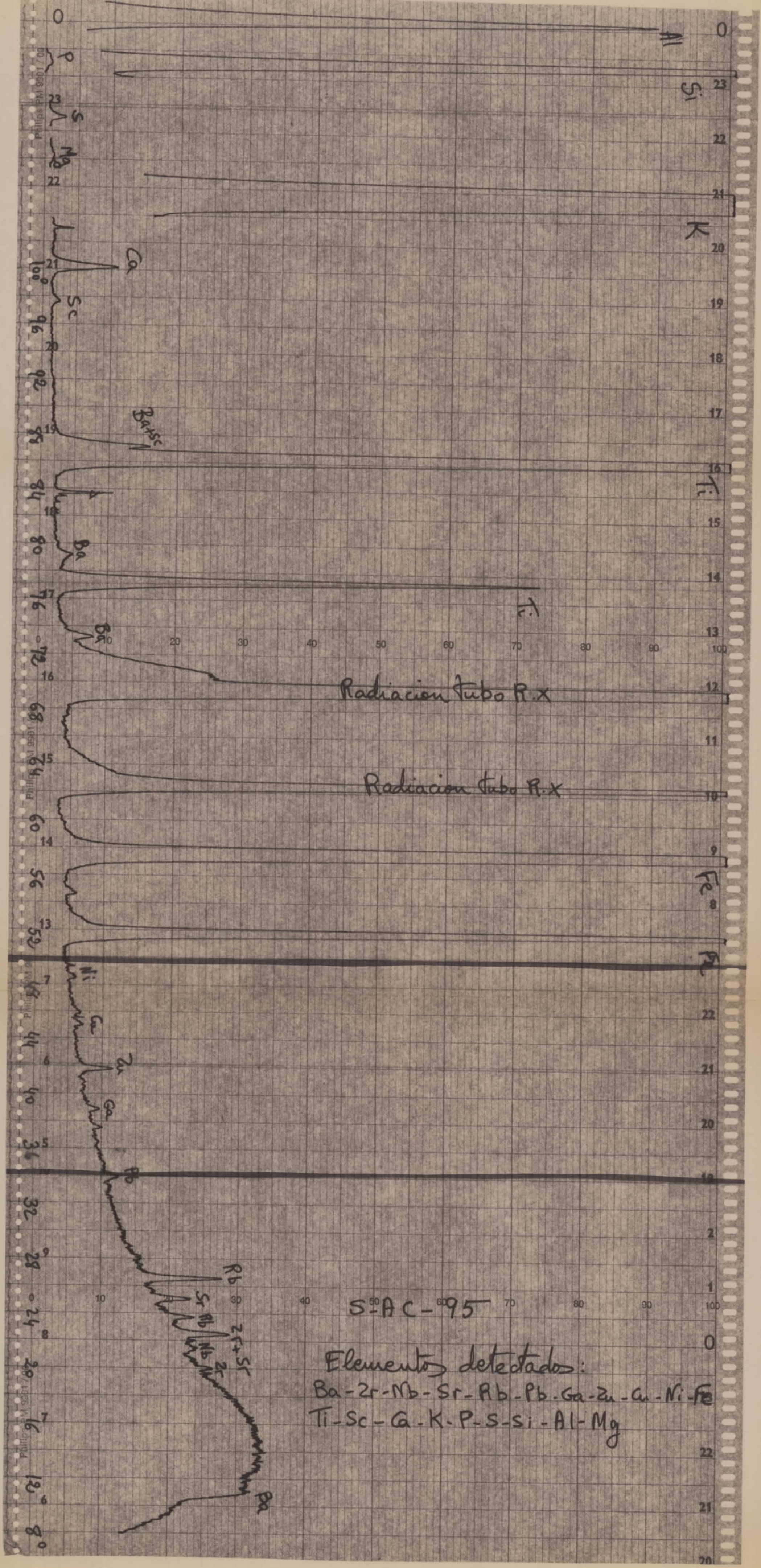
Ba-Co-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni

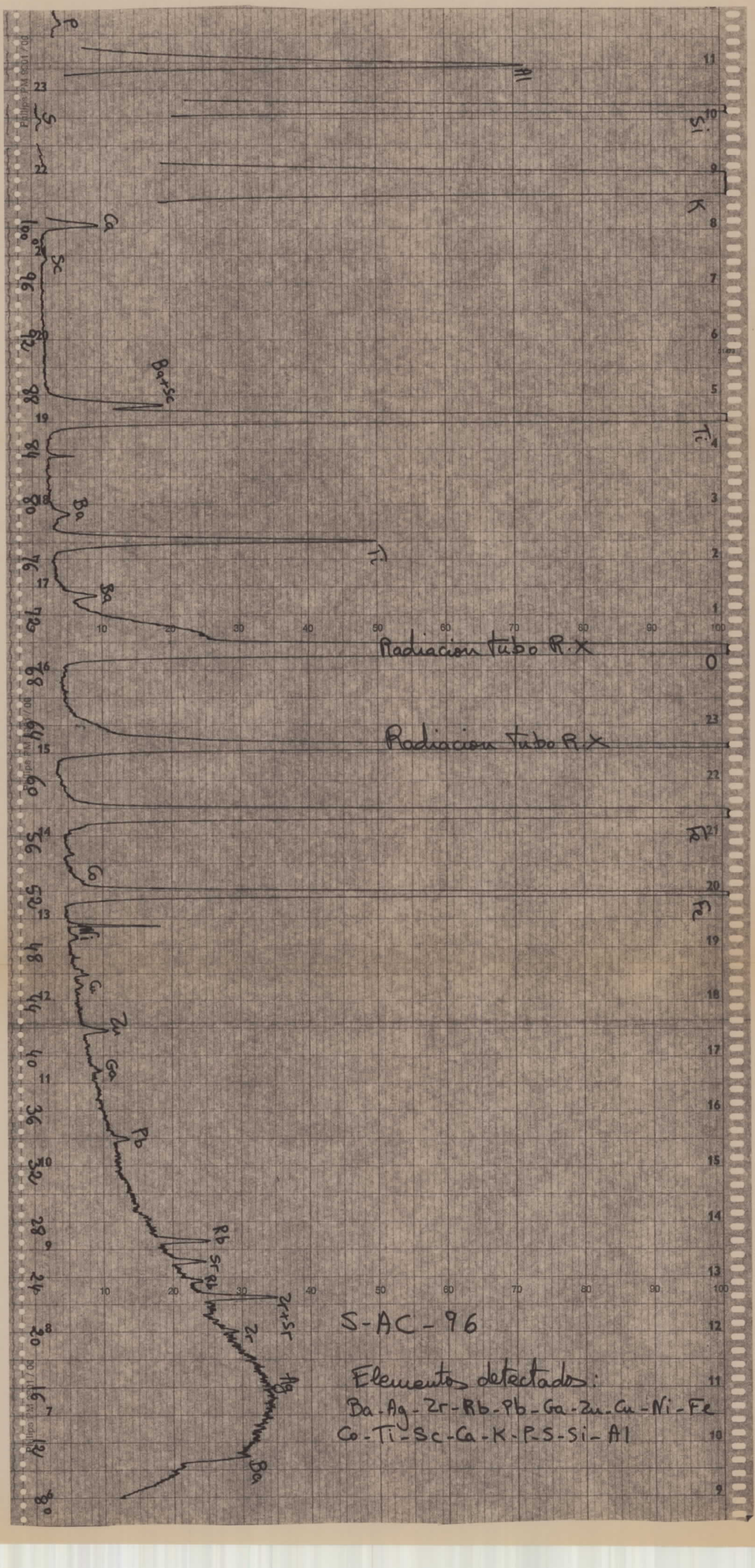
Fe-Co-Mn-Ti-Sc-Ca-K-P-S-Si-Al-Mg


Mg
P
Al
Si
S
Cl
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Rb
Sr
Y
Zr+Sr
Nb
Mo
Ag
Cd
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
Pb
S-AC-92
Elementos detectados:
Ba - Cd - Ag - Zr - Nb - Sr - Rb - Pb - Ga - Zn - Cu
Ni - Fe - Ti - Sc - Ca - K - P - S - Si - Al - Mg


Mg
12
P
Al
S
Si
Cl
K
Ca
Sc
Ti
Ba+Sc
Ba
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Ni
Zn
Ga
Pb
Br
Rb
Sr Rb
Sr+Zr
Zr
Ba
S-AC-93
Elementos detectados:
Ba · Ag - Zr - Nb - Sr - Rb - Br - Pb - Ga - Zn - Cu
Ni - Fe - Sc - Ti - Ca - K - P - S - Si - Al - Mg


Al
Si
P
S
Ca
Sc
Ti
Ba+Sc
Ba
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
Ni
Zn
Ga
Pb
Br
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ba
S-AC-94
Elementos detectados:
Ba.Sn-Zr.Nb-Sr-Rb_Br-Pb-Ga-Zn-Cu-Ni
Fe.Co-Ti-Sc-Ca-K-P_S-Si-Al


Radiacion tubo R.X
Radiacion tubo R.X
S-AC-95
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe
Ti-Sc-Ca-K-P-S-Si-Al-Mg

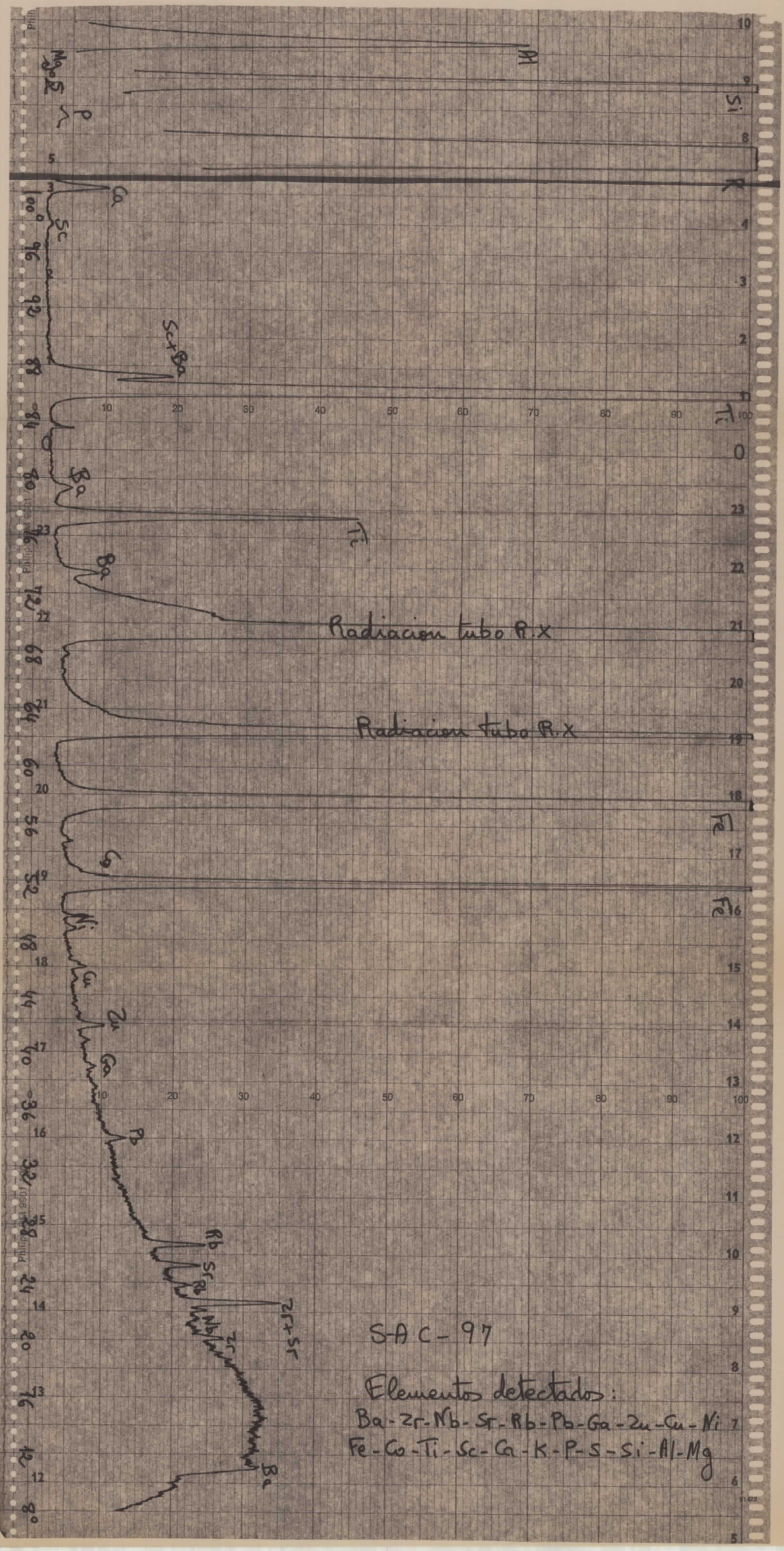


S-AC-96

Elementos detectados:

Ba - Ag - Zr - Rb - Pb - Ga - Zn - Cu - Ni - Fe

Co - Ti - Sc - Ca - K - P - S - Si - Al

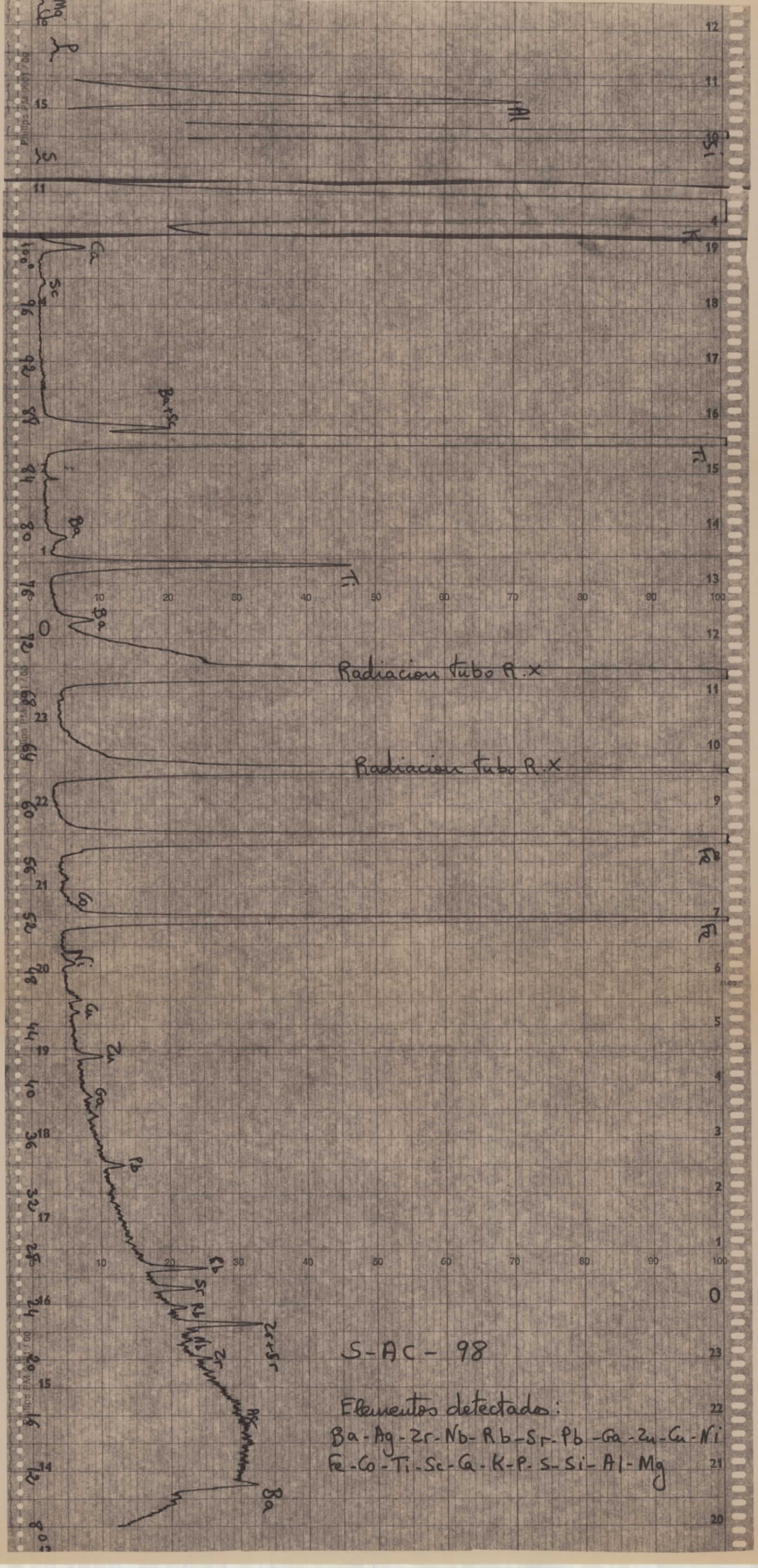


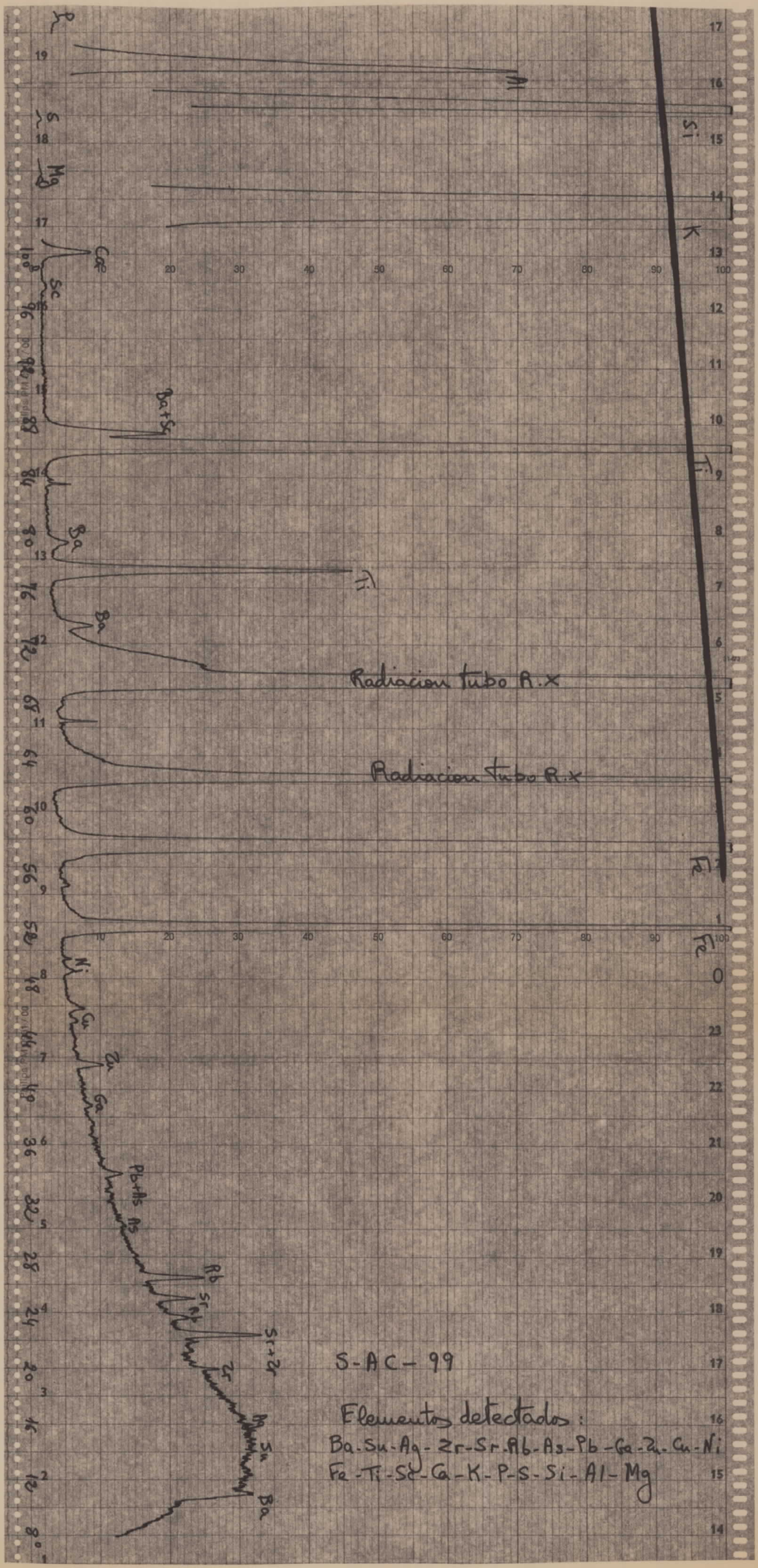
S-A C- 97

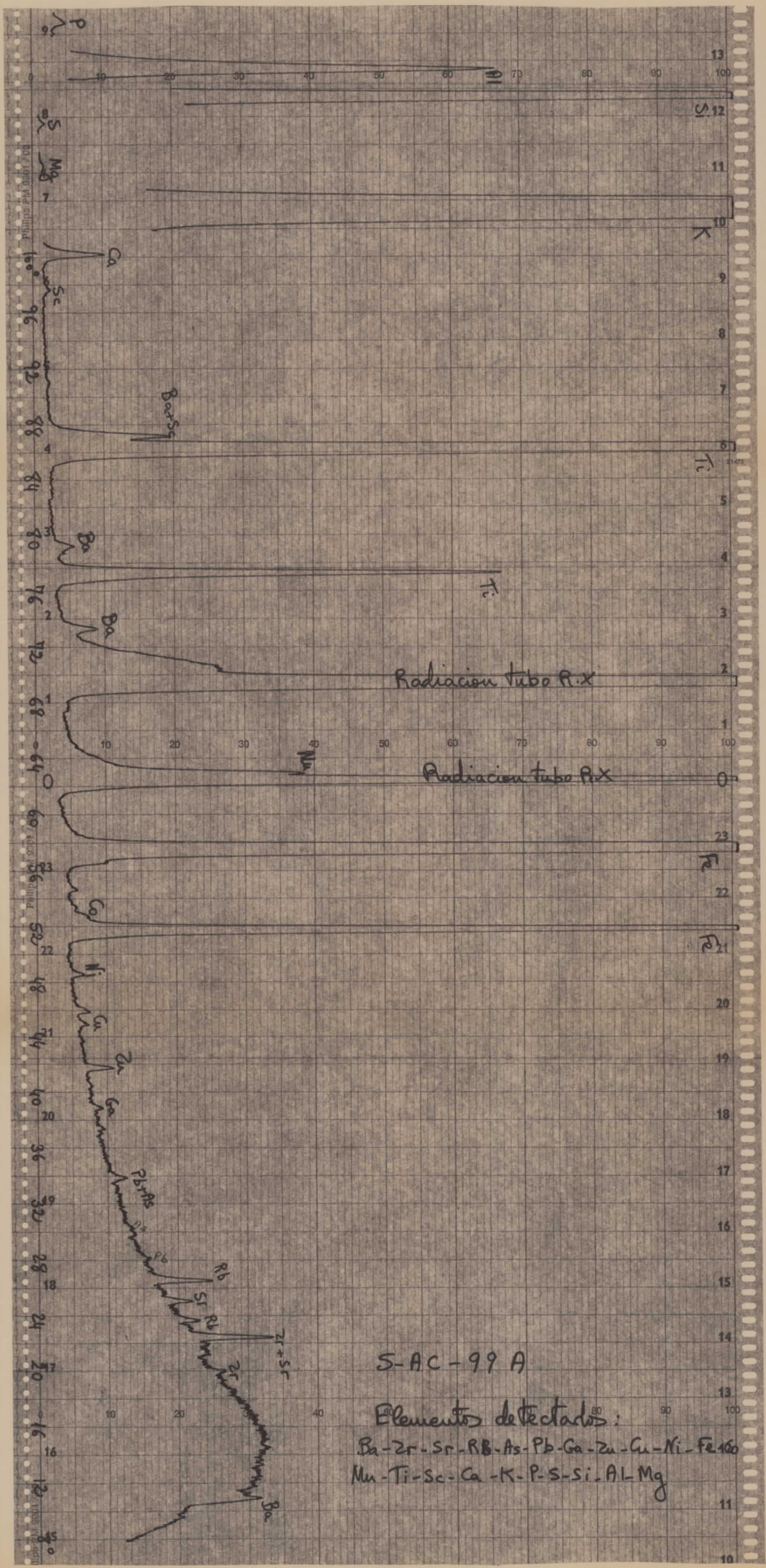
Elementos detectados:

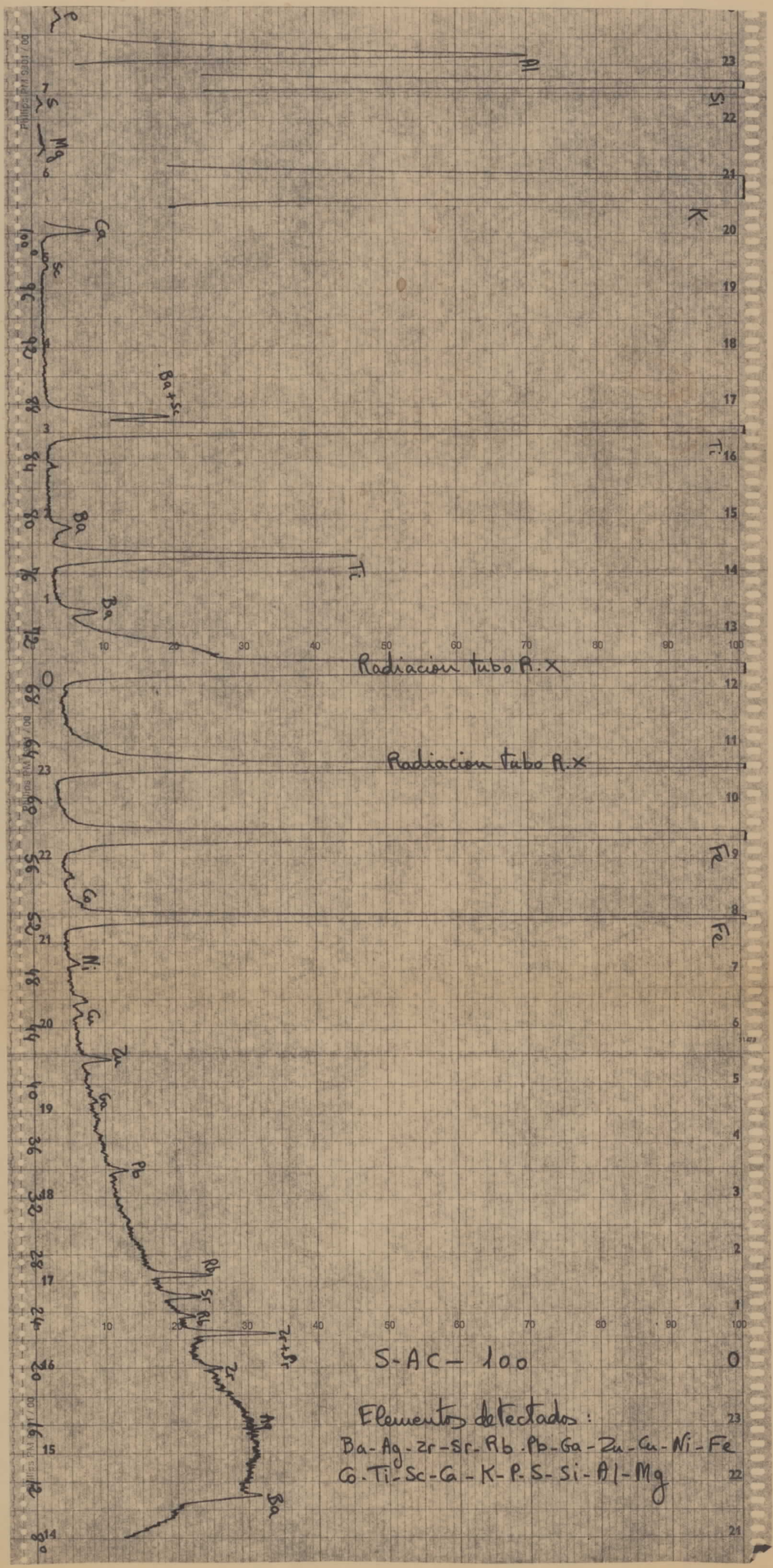
Ba - Zr - Nb - Sr - Rb - Pb - Ga - Zn - Cu - Ni

Fe - Co - Ti - Sc - Ca - K - P - S - Si - Al - Mg


Mg
P
S
Al
Si
Ca
Sc
Ba+Sc
Ti
Ba
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Co
Fe
Ni
Cu
Zn
Ga
Pb
Sr Rb
Zr
Zr+Sr
Ba
10
20
30
40
50
60
70
80
90
100
S-AC-98
Elementos detectados:
Ba-Ag-Zr-Nb-Rb-Sr-Pb-Ga-Zn-Cu-Ni
Fe-Co-Ti-Sc-Ca-K-P-S-Si-Al-Mg


Fe
Ti
K
Ca
Sc
Ba+Sc
Ti
Ba
Ba
Radiacion tubo R.x
Radiacion tubo R.x
Fe
Fe
O
Ni
Cu
Zn
Ga
Pb+As
As
Rb
Sr
Sr+Zr
Zr
Ag
Sn
Ba
S-AC-99
Elementos detectados:
Ba-Sn-Ag-Zr-Sr-Rb-As-Pb-Ga-Zn-Cu-Ni
Fe-Ti-Sc-Ca-K-P-S-Si-Al-Mg


P
S
Mg
Ca
Sc
Ba rSc
Ba
Ba
Ba
Ti
Ti
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
Mn
Cu
Zn
Ga
Pb+As
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Ba
S-AC-99 A
Elementos detectados:
Ba-Zr-Sr-RB-As-Pb-Ga-Zn-Cu-Ni-Fe
Mn-Ti-Sc-Ca-K-P-S-Si-Al-Mg



S-AC- 100

Elementos detectados:

Ba - Ag - Zr - Sr - Rb - Pb - Ga - Zn - Cu - Ni - Fe

Co - Ti - Sc - Ca - K - P - S - Si - Al - Mg

Al
Si
P
S
Cl
K
Ca
Sc
Ti
Ba
Ba
Radiacion tubo R-X
Radiacion tubo R-X
Fe
Mn
Cr
V
Co
Ni
Cu
Zn
Ga
Rb
Sr
Y
Zr+Sr
Ba

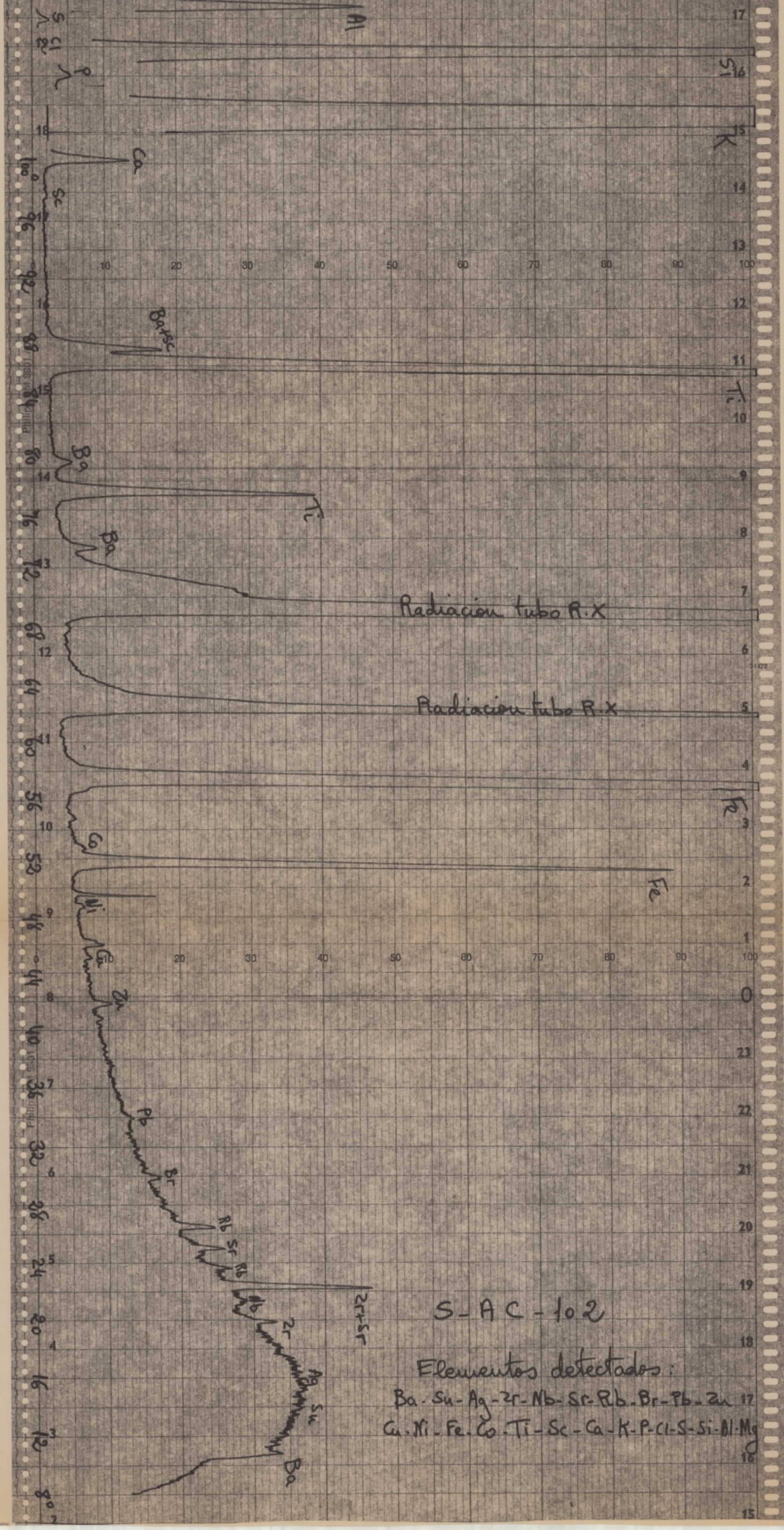
10 20 30 40 50 60 70 80 90 100

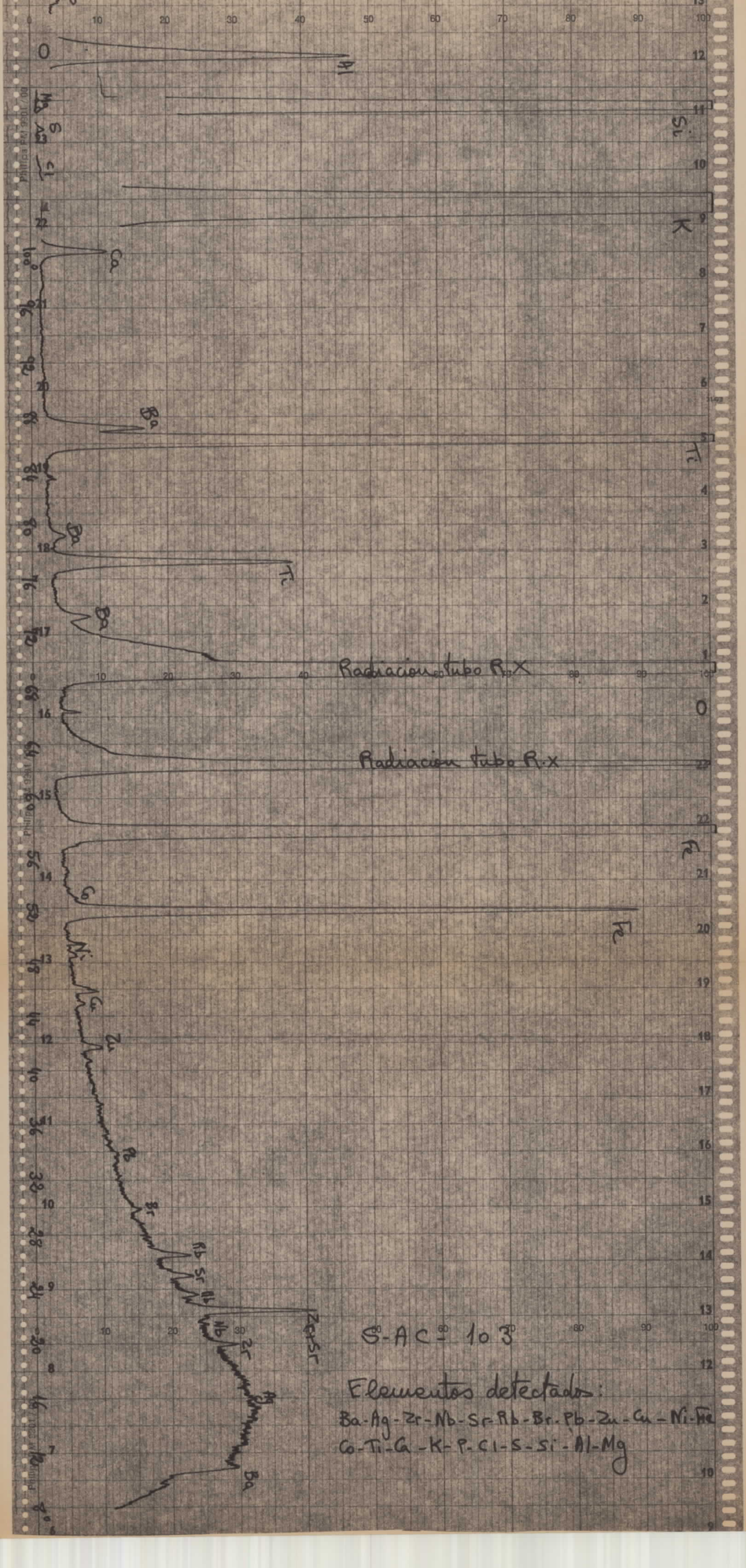
S-AC-101

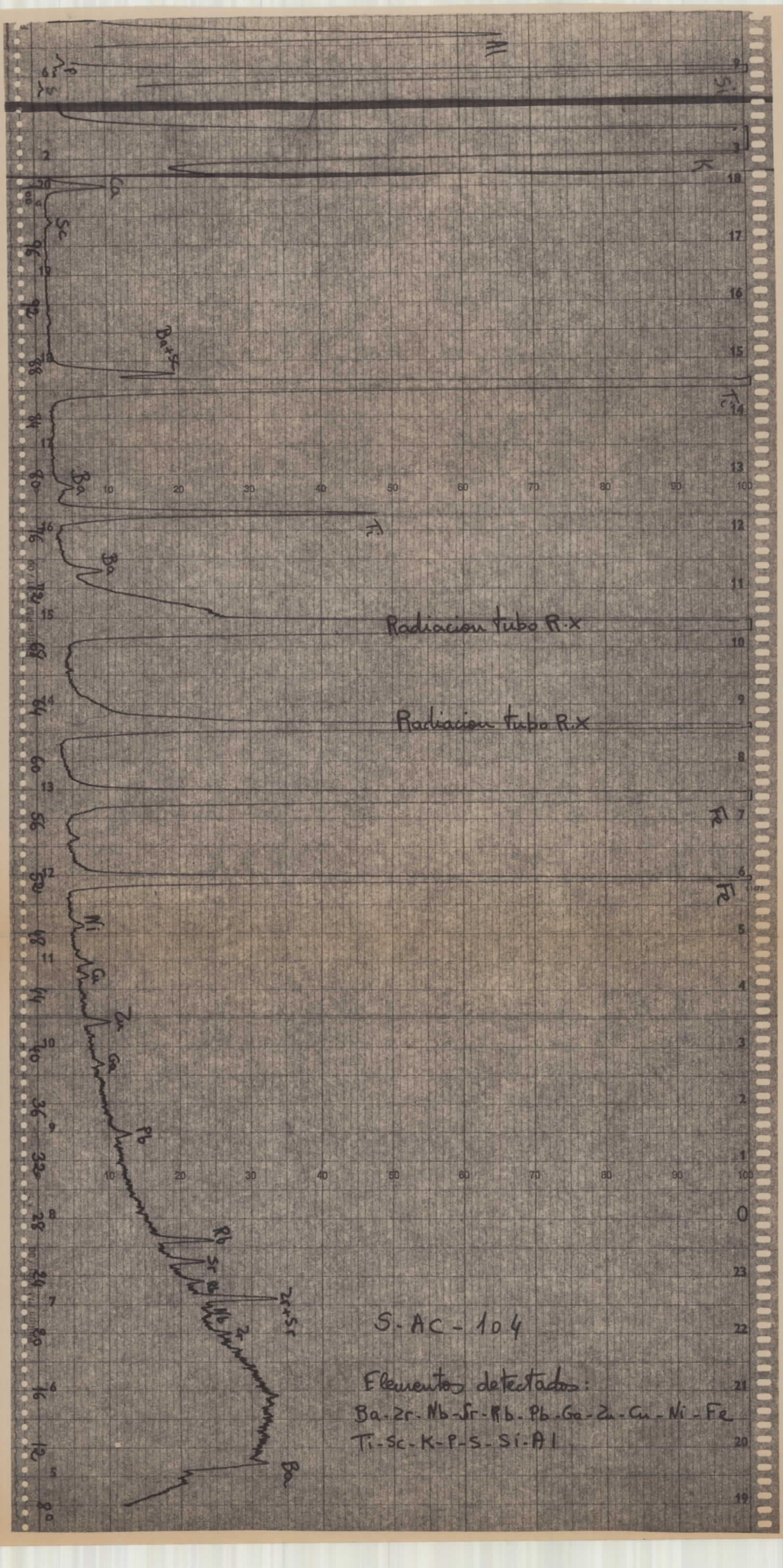
Elementos detectados:

Ba - Zr - Sr - Rb - Ga - Zn - Cu - Ni - Co - Fe

Ti - Sc - Ca - K - P - Cl - S - Si - Al - Mg


Al
Si
K
Ca
Sc
Ba+Sc
Ti
Ba
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Co
Fe
Ni
Cu
Zn
Pb
Br
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ag
Sn
Ba
S-AC-102
Elementos detectados:
Ba-Sn-Ag-Zr-Nb-Sr-Rb-Br-Pb-Zn
Cu-Ni-Fe-Co-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg


Mg
Al
Si
K
Ca
Ti
Ba
Ba
Ba
Ba
Ti
Radiacion tubo R.X
Radiacion tubo R.X
O
Fe
Fe
Ni
Cu
Zn
Br
Rb
Sr
Nb
Zr
Sr
Ag
Ba
S-AC-1 03
Elementos detectados:
Ba-Ag-Zr-Nb-Sr-Rb-Br-Pb-Zn-Cu-Ni-Fe
Co-Ti-Ca-K-P-Cl-S-Si-Al-Mg

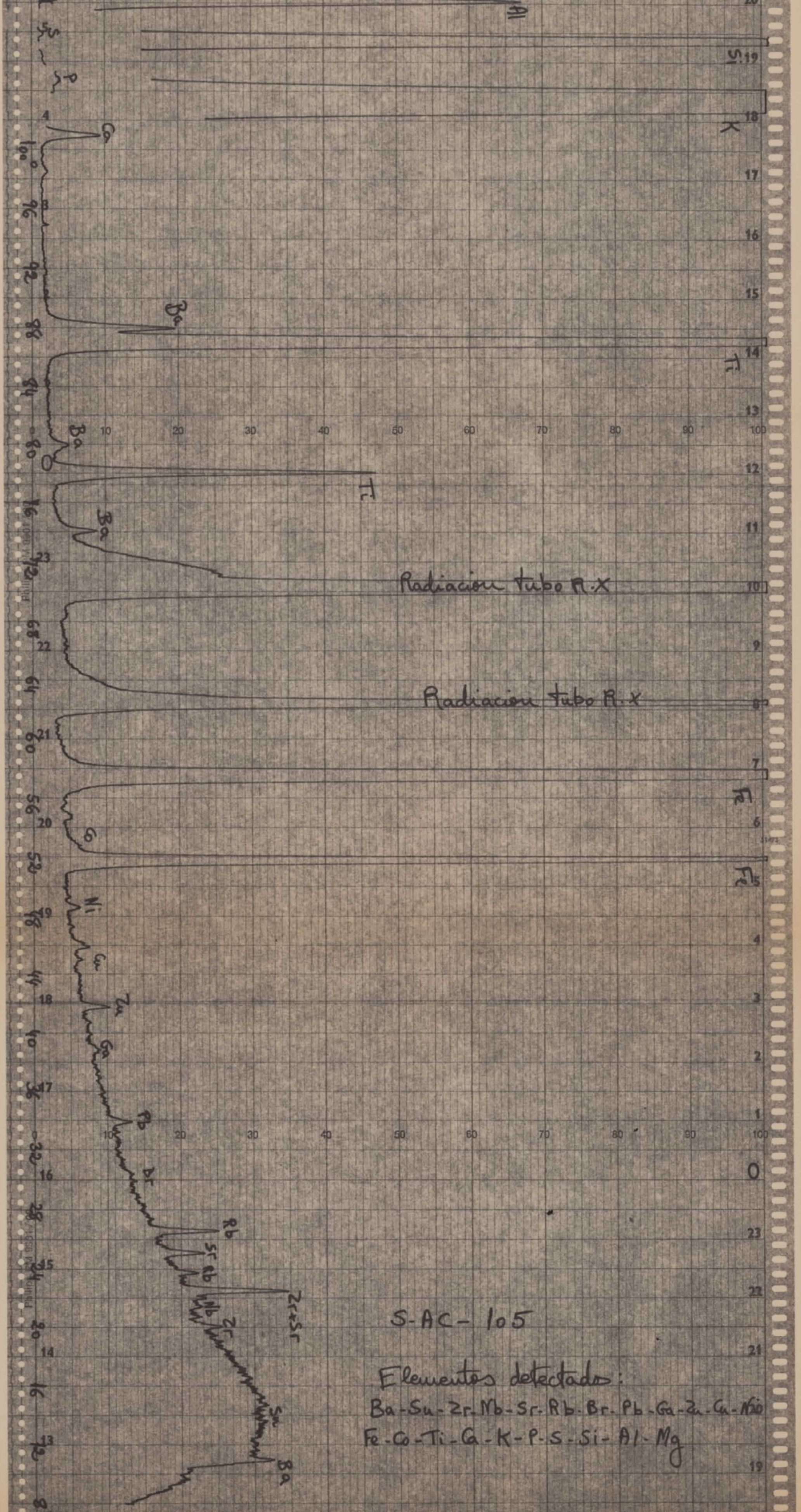


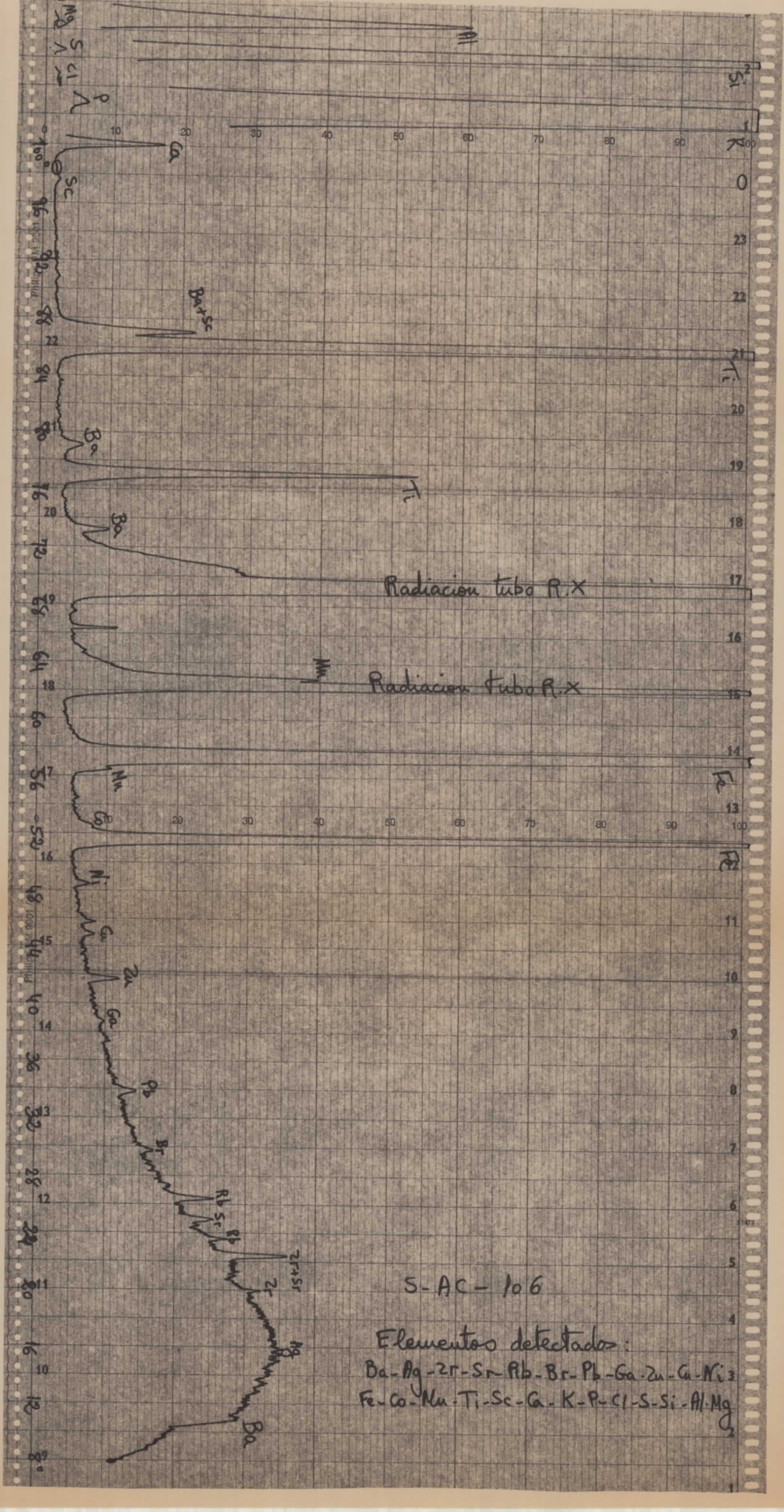
S-AC-104

Elementos detectados:

Ba - Zr - Nb - Sr - Rb - Pb - Ga - Zn - Cu - Ni - Fe

Ti - Sc - K - P - S - Si - Al


Al
Si
K
Ca
Ba
Ti
Ba
Ba
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
G
Fe
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr Rb
Nb
Zr
Zr+Sr
Sn
Ba
S-AC-105
Elementos detectados:
Ba-Su-Zr-Nb-Sr-Rb-Br-Pb-Ga-Zn-Cu-Ni
Fe-Co-Ti-Ca-K-P-S-Si-Al-Mg


Mg
Si
Al
P
Cl
S
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
Ge
As
Se
Br
Rb
Sr
Zr+Sr
Ag
Ba
Radiacion tubo R.X
Radiacion tubo R.X
S-AC-106
Elementos detectados:
Ba-Ag-Zr-Sr-Rb-Br-Pb-Ga-Zn-Cu-Ni-Fe-Co-Mn-Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg

Radiacion tubo R.X

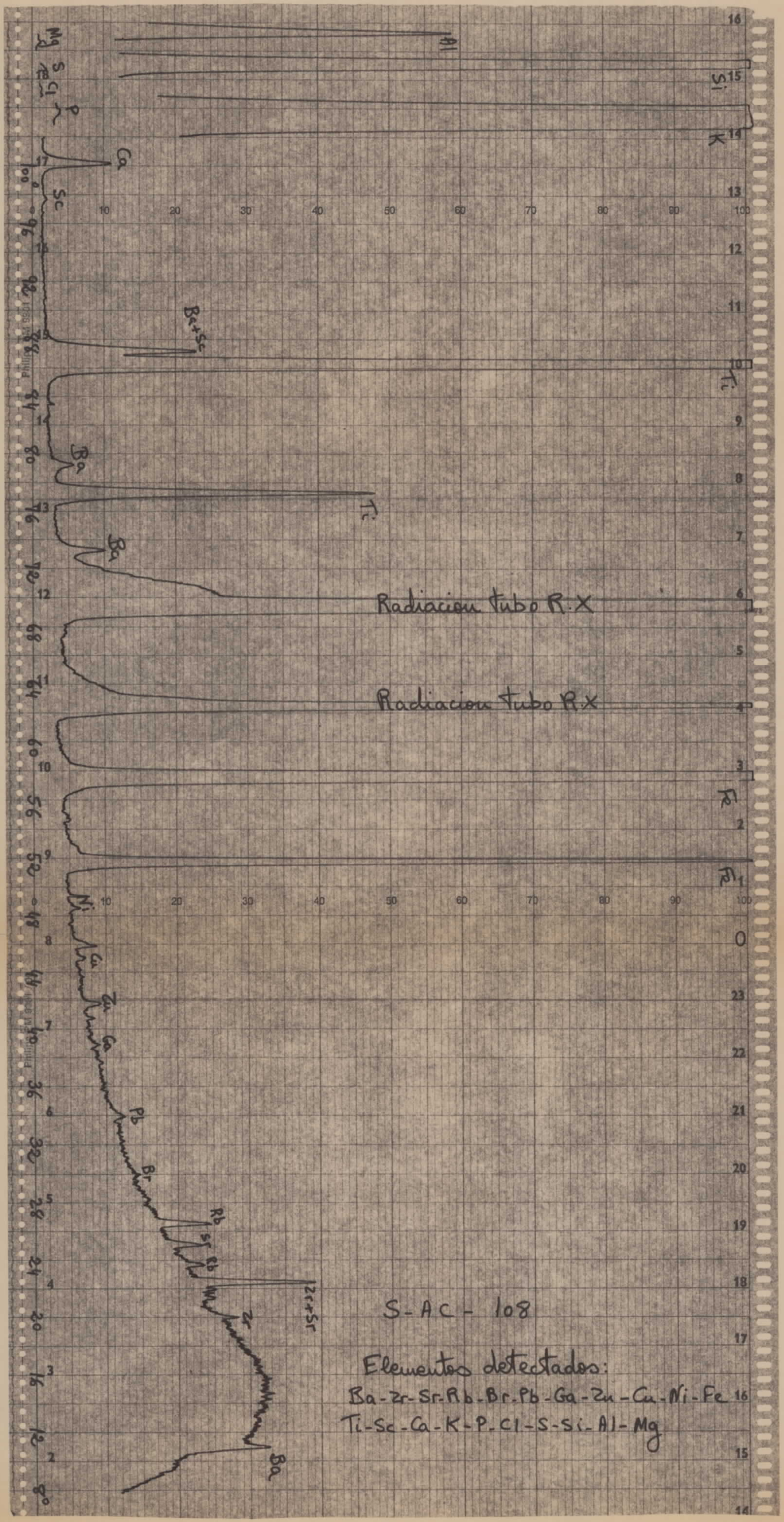
Radiacion tubo R.X

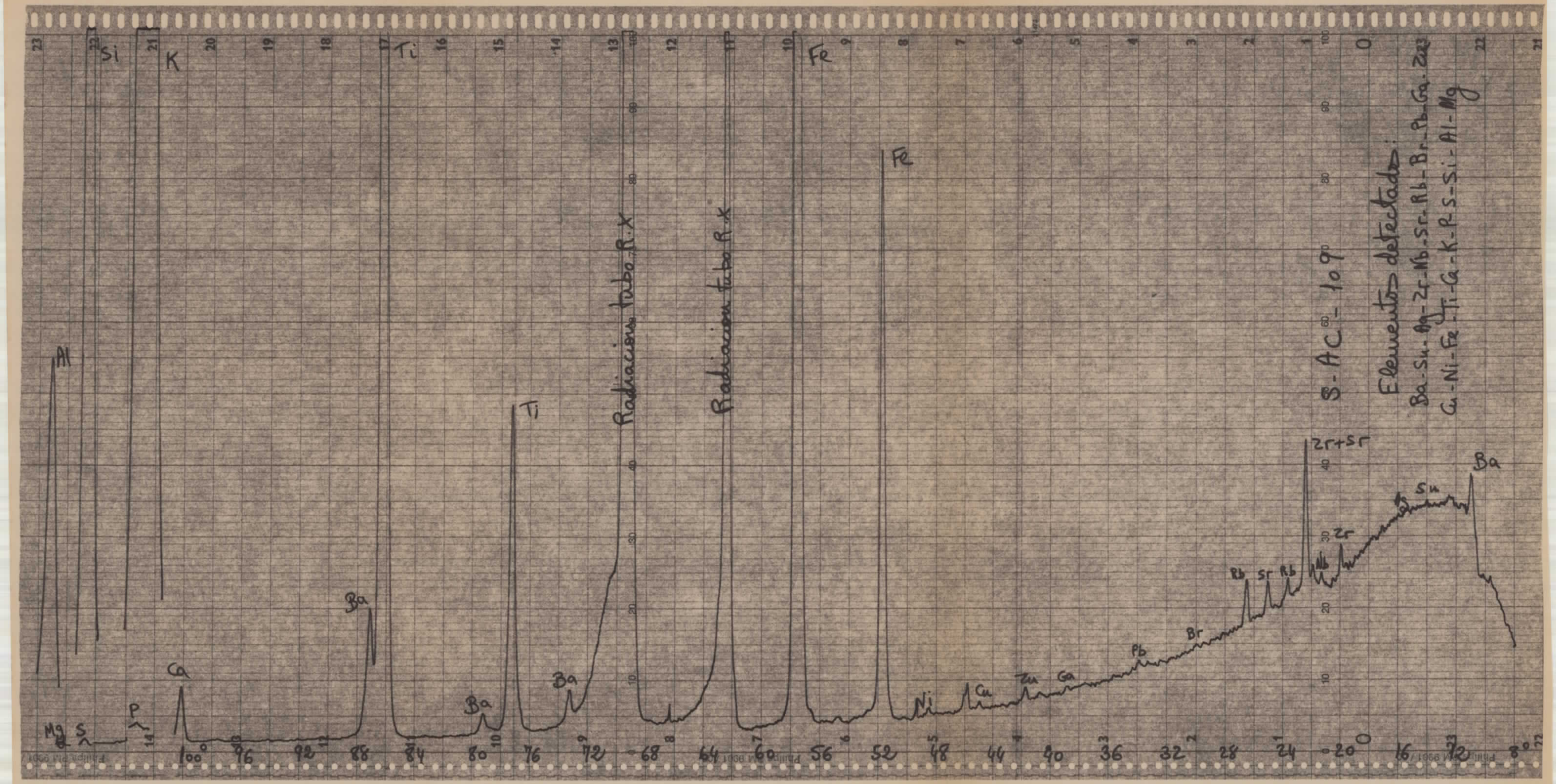
S-AC — 107

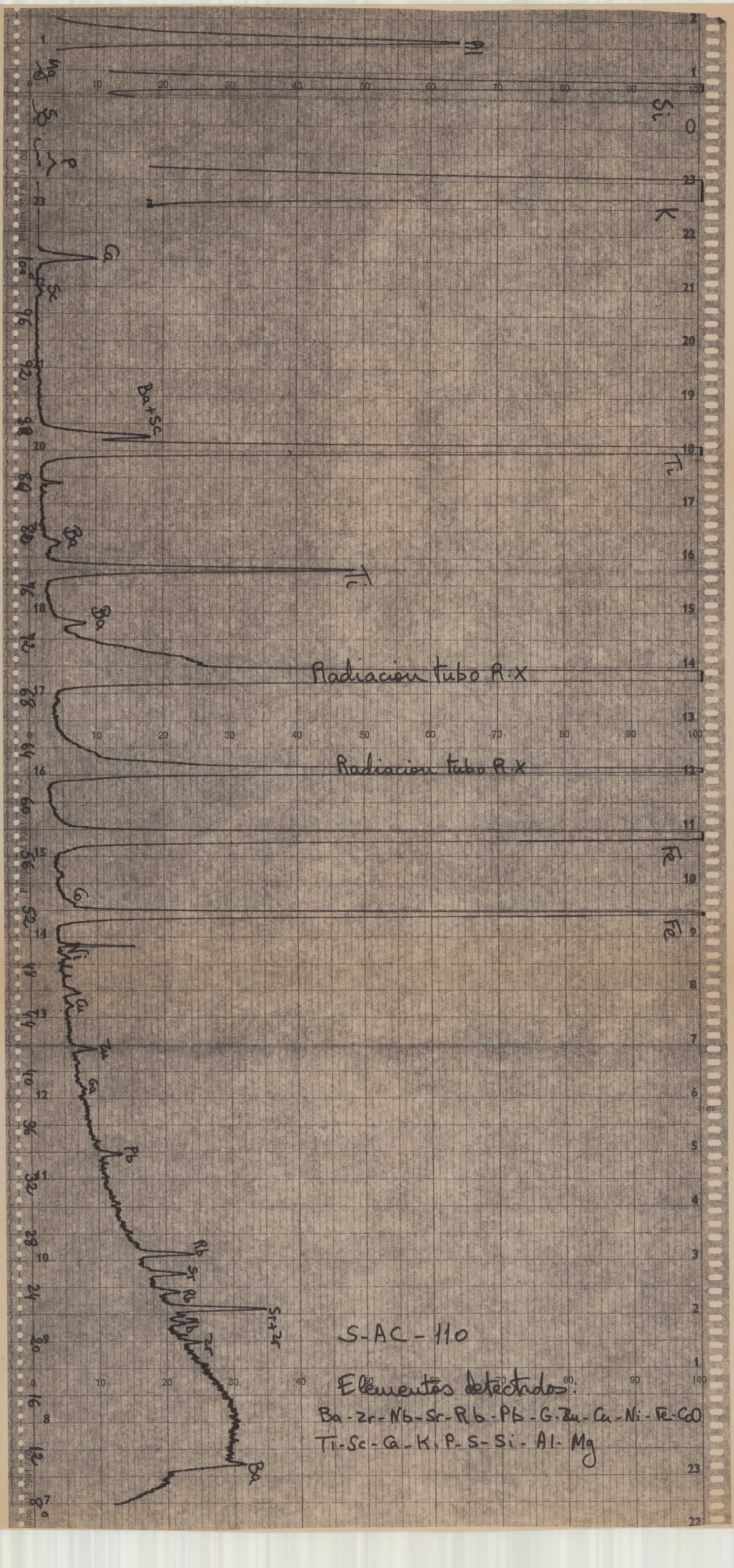
Elementos detectados:

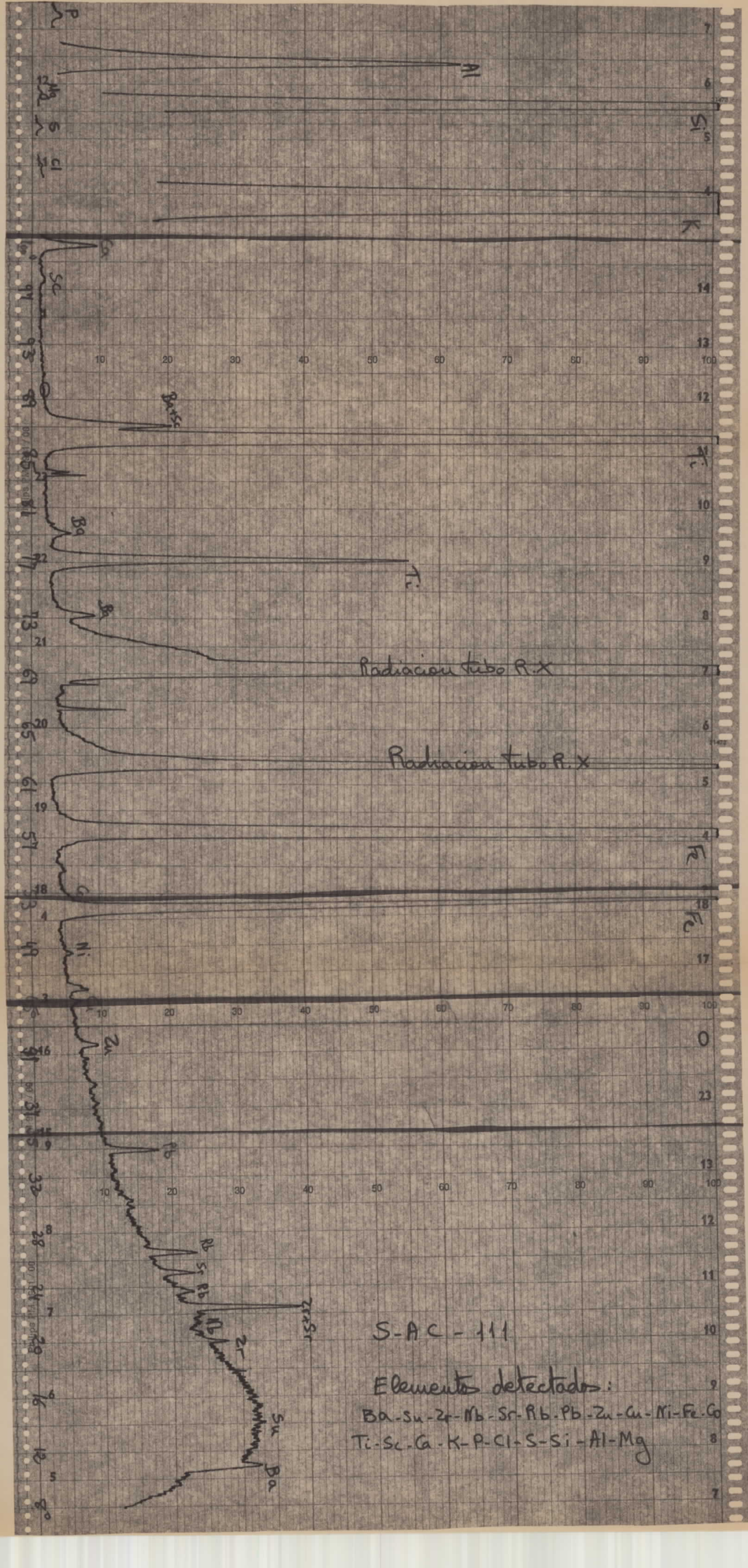
Ba - Sn - Ag - Zr - Sr - Rb - Br - Pb - Ga - Zn

Cu - Ni - Fe - Ti - Sc - Ca - K - P - Cl - S - Si - Al - Mg


Mg
Al
Si
P
S
Cl
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Br
Rb
Sr
Zr
Ba
Ba+Sc
Tc
Radiacion tubo R.X
Radiacion tubo R.X
S-AC-108
Elementos detectados:
Ba-Zr-Sr-Rb-Br-Pb-Ga-Zn-Cu-Ni-Fe
Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg


Mg
Al
Si
P
S
K
Ca
Ti
Ba
Ba
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Sn
Sn
Ba
S-AC-109
Elementos detectados
Ba-Sn-Ag-Zr-Nb-Sr-Rb-Br-Pb-Ga-Zn
Cu-Ni-Fe-Ti-Ca-K-P-S-Si-Al-Mg


Al
Si
K
Ca
Sc
Ti
Ba+Sc
Ba
Ti
Ba
Radiacion tubo R-X
Radiacion tubo R-X
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Zr
Sr+Zr
Ba
S-AC-110
Elementos detectados:
Ba-Zr-Nb-Sr-Rb-Pb-G-Zn-Cu-Ni-Fe-Co
Ti-Sc-Ca-K-P-S-Si-Al-Mg

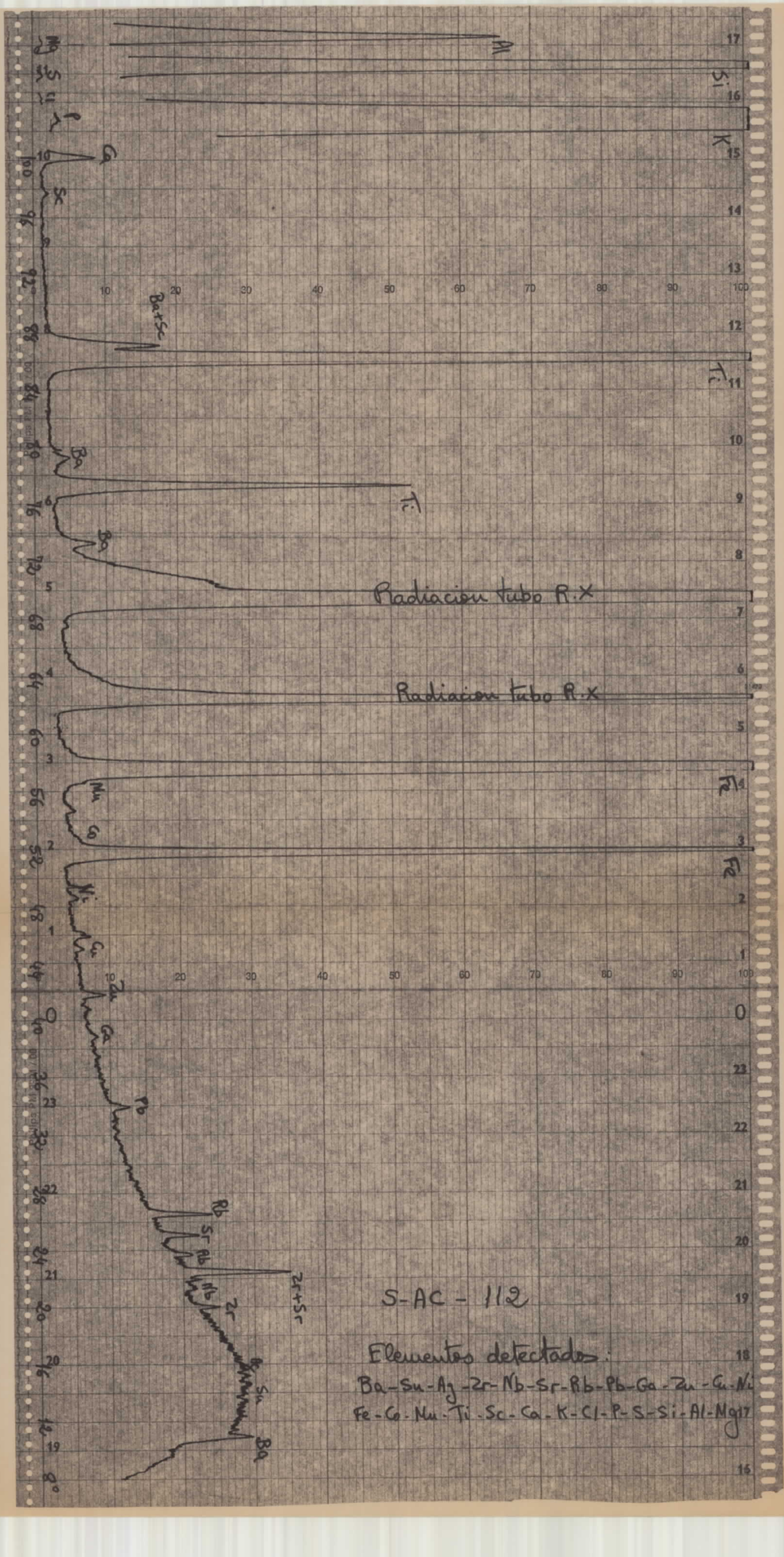


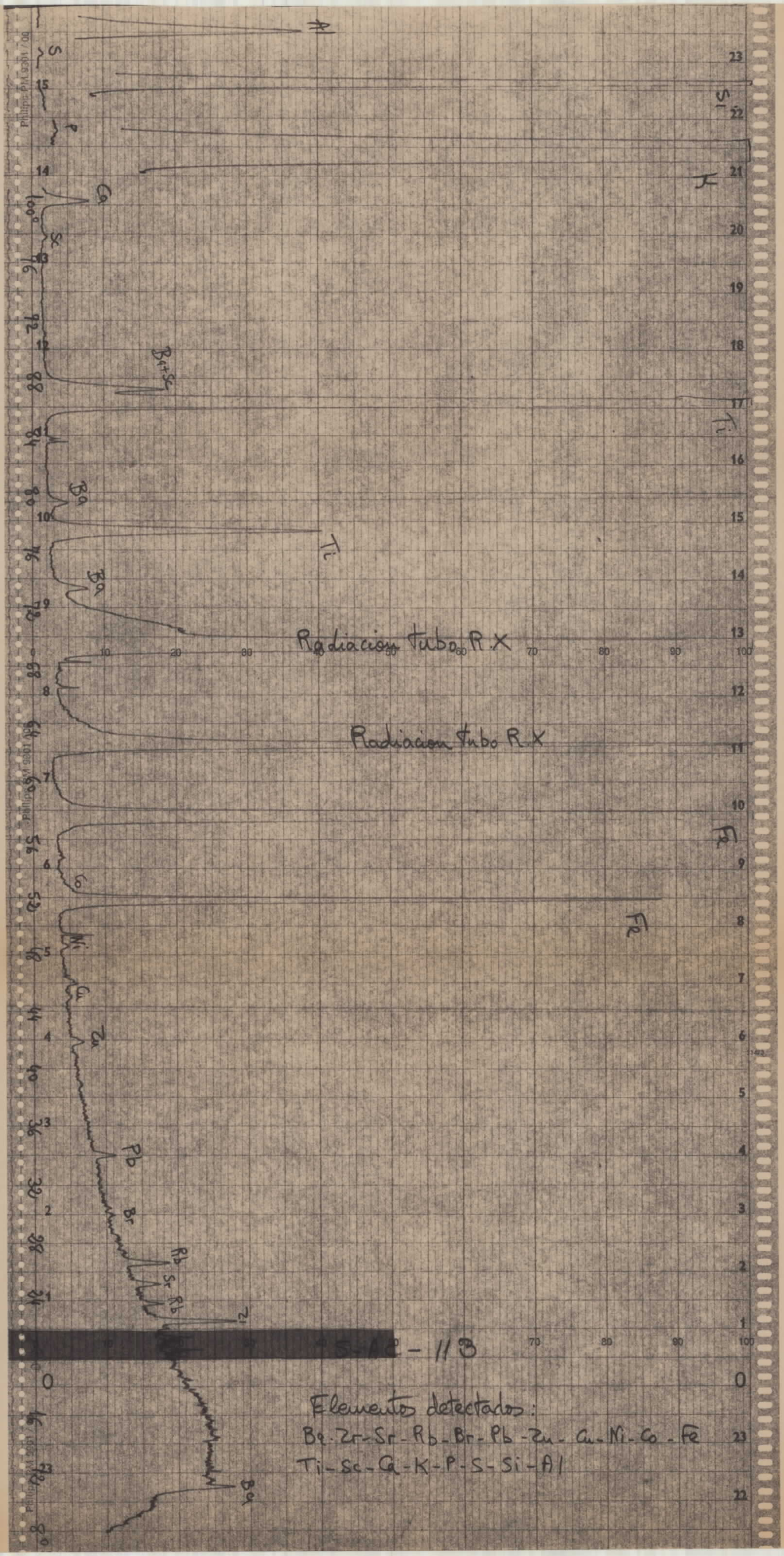
S-AC-111

Elementos detectados:

Ba-Sn-Zr-Nb-Sr-Rb-Pb-Zn-Cu-Ni-Fe-Co

Ti-Sc-Ca-K-P-Cl-S-Si-Al-Mg


Ag
Sn
Mo
Al
Si
P
K
Cl
Ca
Sc
Ti
Ba+Sc
Ba
Ti
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Mn
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Sn
Ba
S-AC - 112
Elementos detectados:
Ba-Sn-Ag-Zr-Nb-Sr-Rb-Pb-Ga-Zn-Cu-Ni
Fe-Co-Mn-Ti-Sc-Ca-K-Cl-P-S-Si-Al-Mg


Ag
S
P
Cl
Sc
Ca
Ba+Sc
Ti
Ba
Ba
Tc
Ba
Radiacion tubo R.X
Radiacion tubo R.X
Fe
Co
Ni
Cu
Zn
Pb
Br
Rb
Sr
Rb
Zr
Ba
Fe
Mn
Cr
V
Ti
Sc
Ca
K
P
S
Si
Al
Elementos detectados:
Ba-Zr-Sr-Rb-Br-Pb-Zn-Cu-Ni-Co-Fe
Ti-Sc-Ca-K-P-S-Si-Al

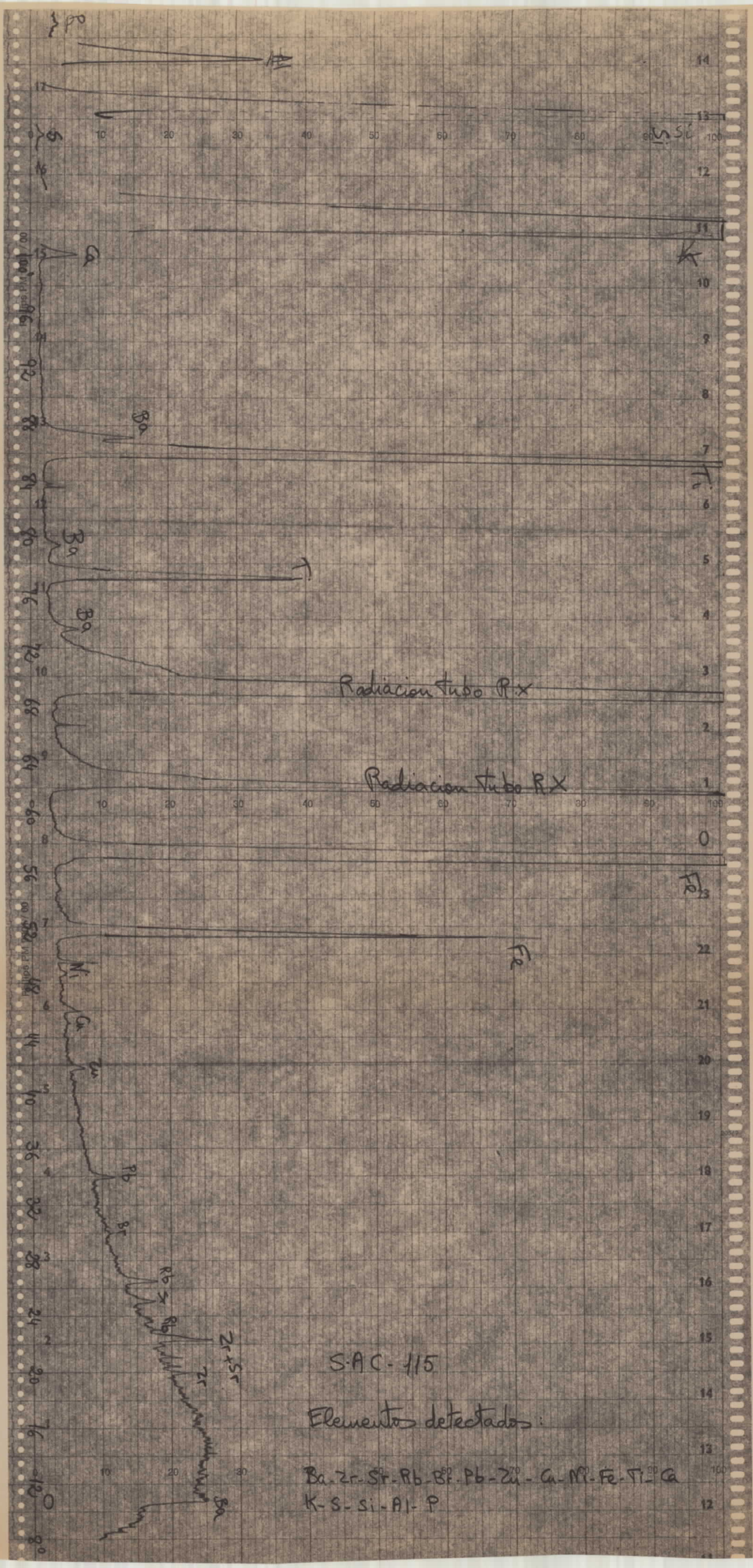
Ag
Rh
Si
S
Cl
K
Ca
Sc
Ti
Mn
Fe
Co
Ni
Cu
Zn
Ga
Ge
As
Se
Br
Rb
Sr
Zr
Mo
Ba
Radiacion tubo R-X
Radiacion tubo R-X
Fe
Fe
Pb
Pb
Rb
Sr Rb
Zr
Zr Sr
Ba

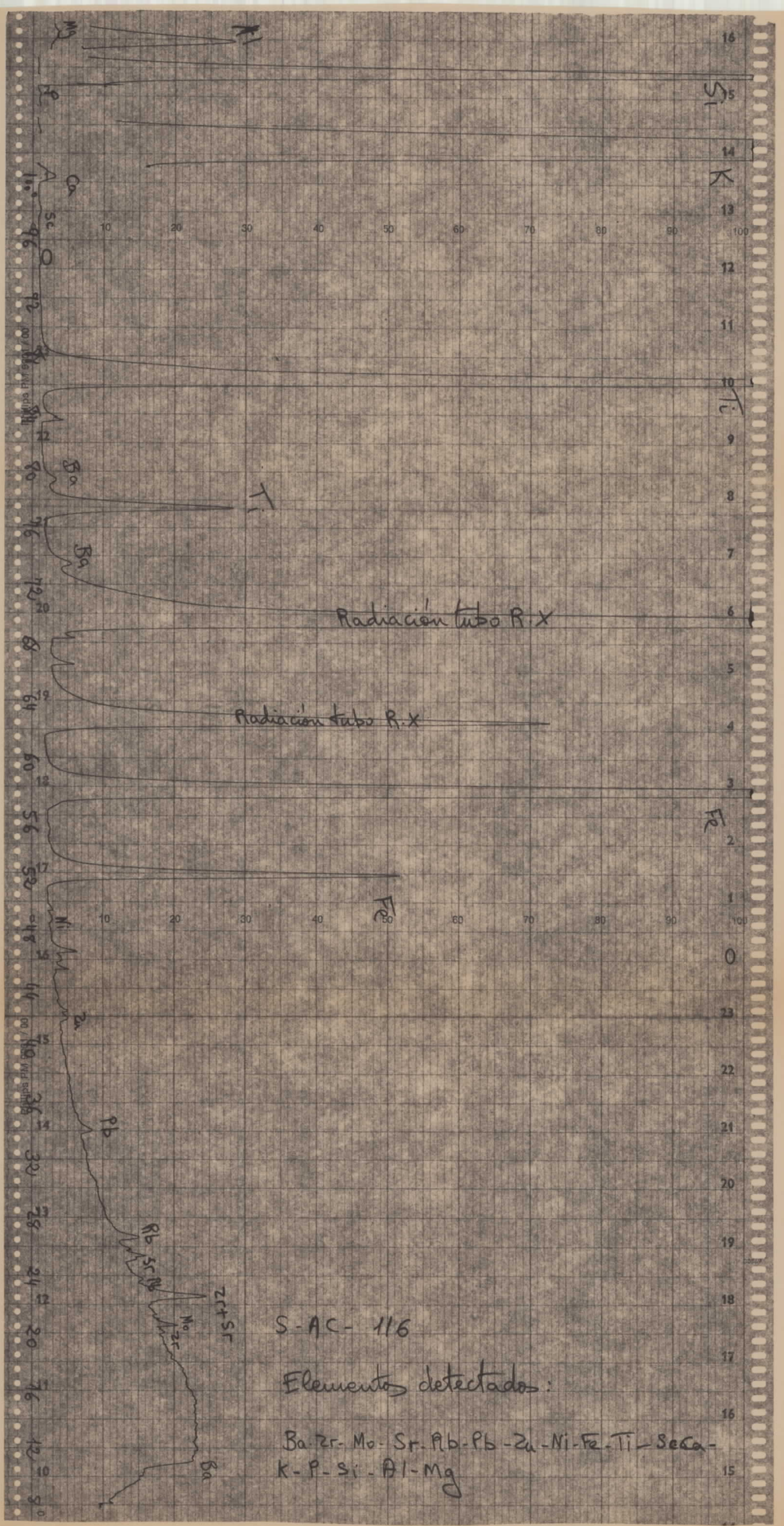
S-AC - 114

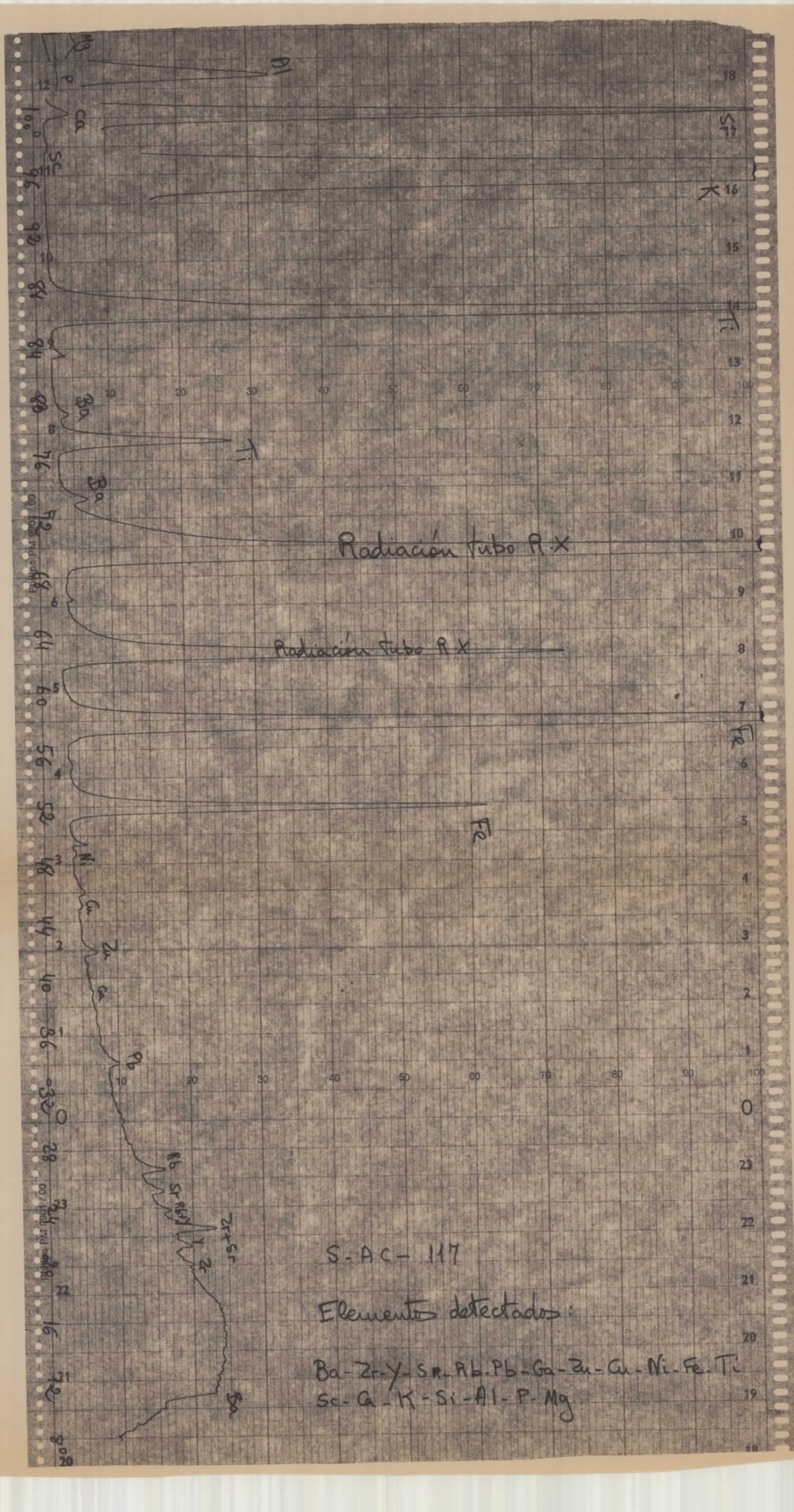
Elementos detectados:

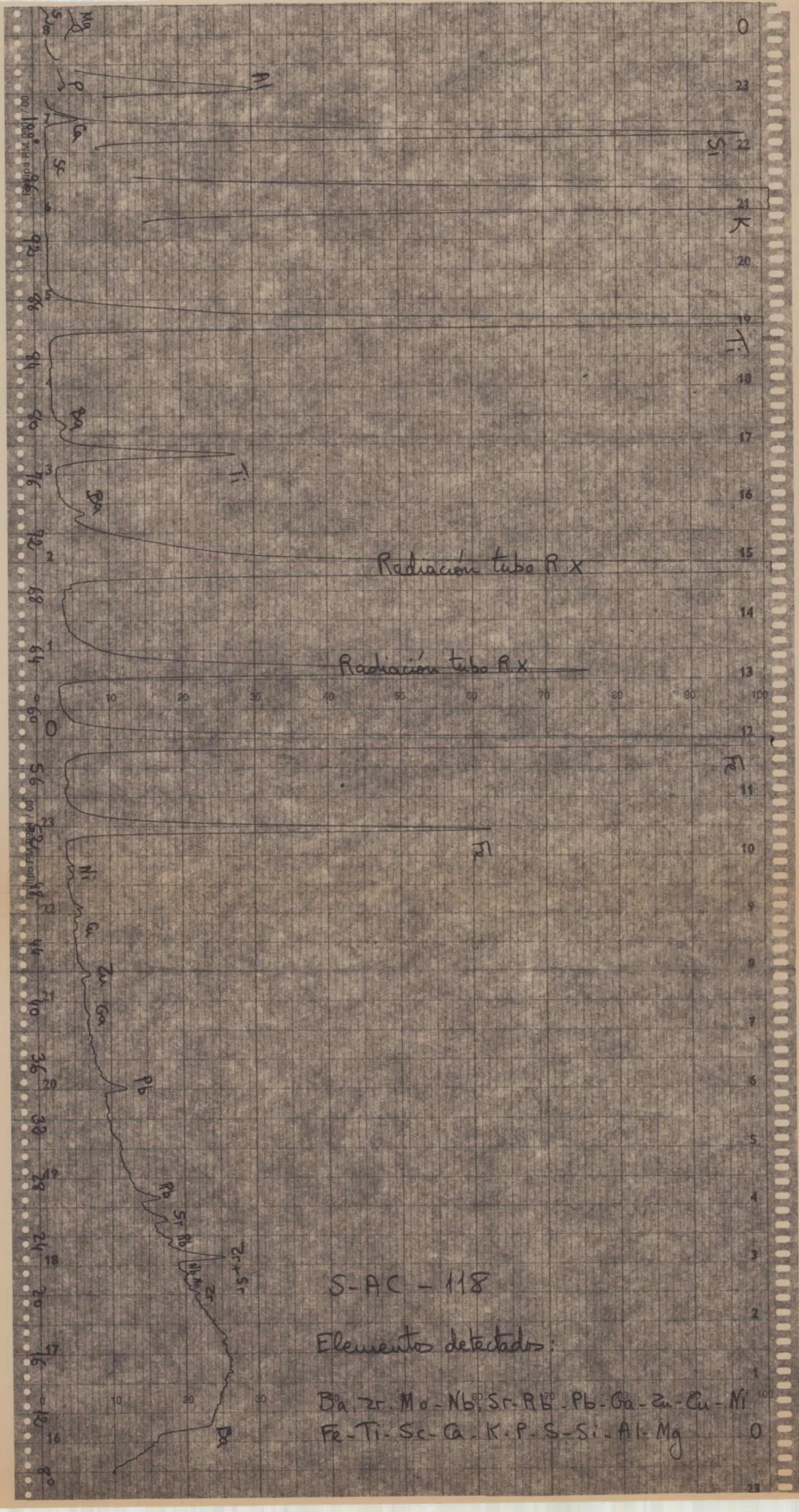
Ba - Zr - Sr - Rb - Pb - Ga - Zn - Cu - Ni - Fe - Co - Mn - Ti

Sc - Ca - K - S - Si - Al - P.


Ba
Ba
Ba
Radiacion tubo R.x
Radiacion tubo RX
Fe
Ni
Cu
Zn
Pb
Br
Rb
Sr
Zr
Zr+Sr
Ba
S-AC-115
Elementos detectados:
Ba-Zr-Sr-Rb-Br-Pb-Zn-Cu-Ni-Fe-Ti-Ca
K-S-Si-Al-P


Mo
Zr
Sn
Ag
Cd
Sc
Ba
Ba
Ba
Radiación tubo R.X
Radiación tubo R.X
Fe
Fe
Ni
Zn
Pb
Rb
Sr Rb
Mo
Zr
Sr+Sr
Ba
S-AC-116
Elementos detectados:
Ba-Zr-Mo-Sr-Rb-Pb-Zn-Ni-Fe-Ti-Se Ca-
K-P-Si-Al-Mg

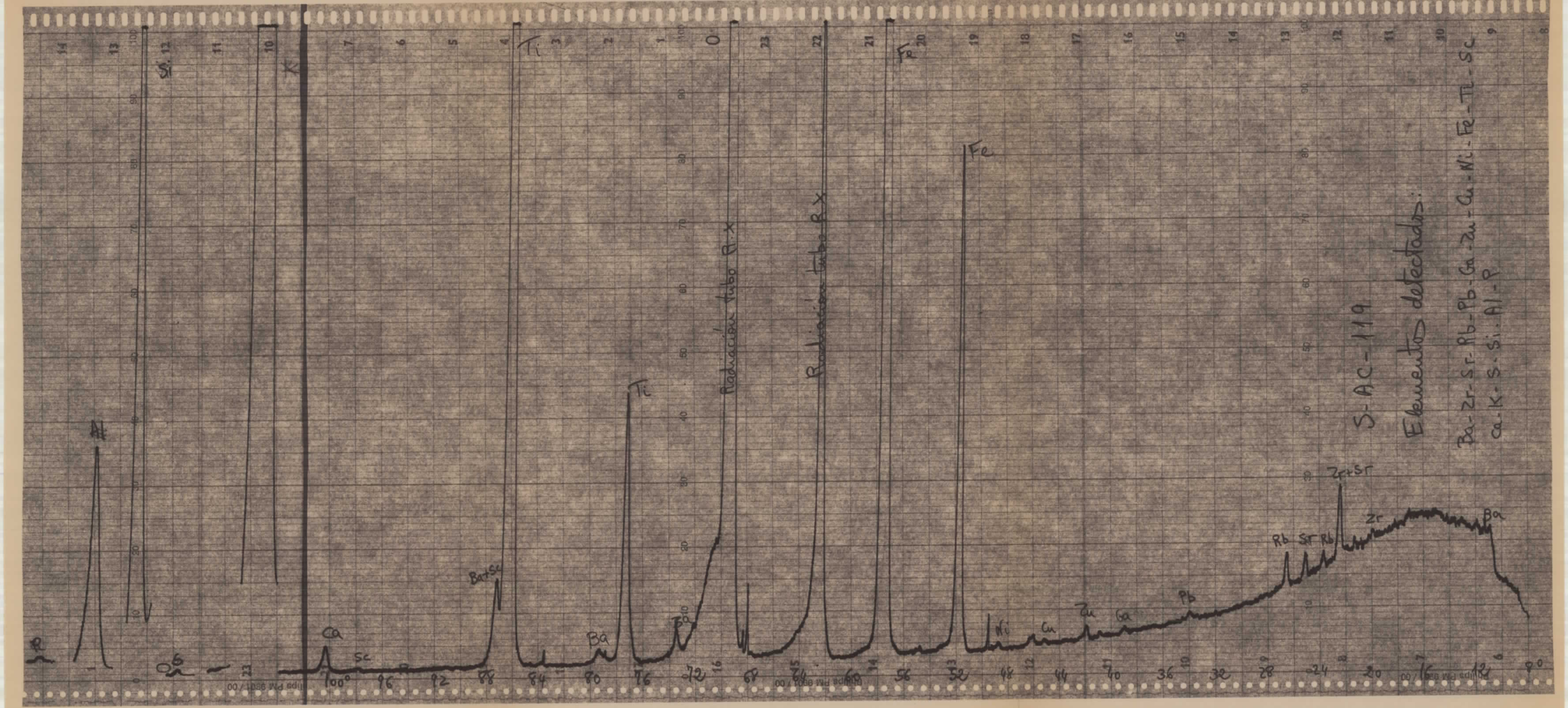

Mg
P
Si
Al
Na
Ba
Ti
Ca
K
Sc
Mn
Fe
Radiación tubo R-X
Radiación tubo R-X
Ni
Cu
Zn
Ga
Pb
Rb
Sr Kβ Y
Zr+Sr
Y
Zr
Ba
10
20
30
40
50
60
70
80
90
100
S-AC-117
Elementos detectados:
Ba-Zr-Y-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe-Ti
Sc-Ca-K-Si-Al-P-Mg

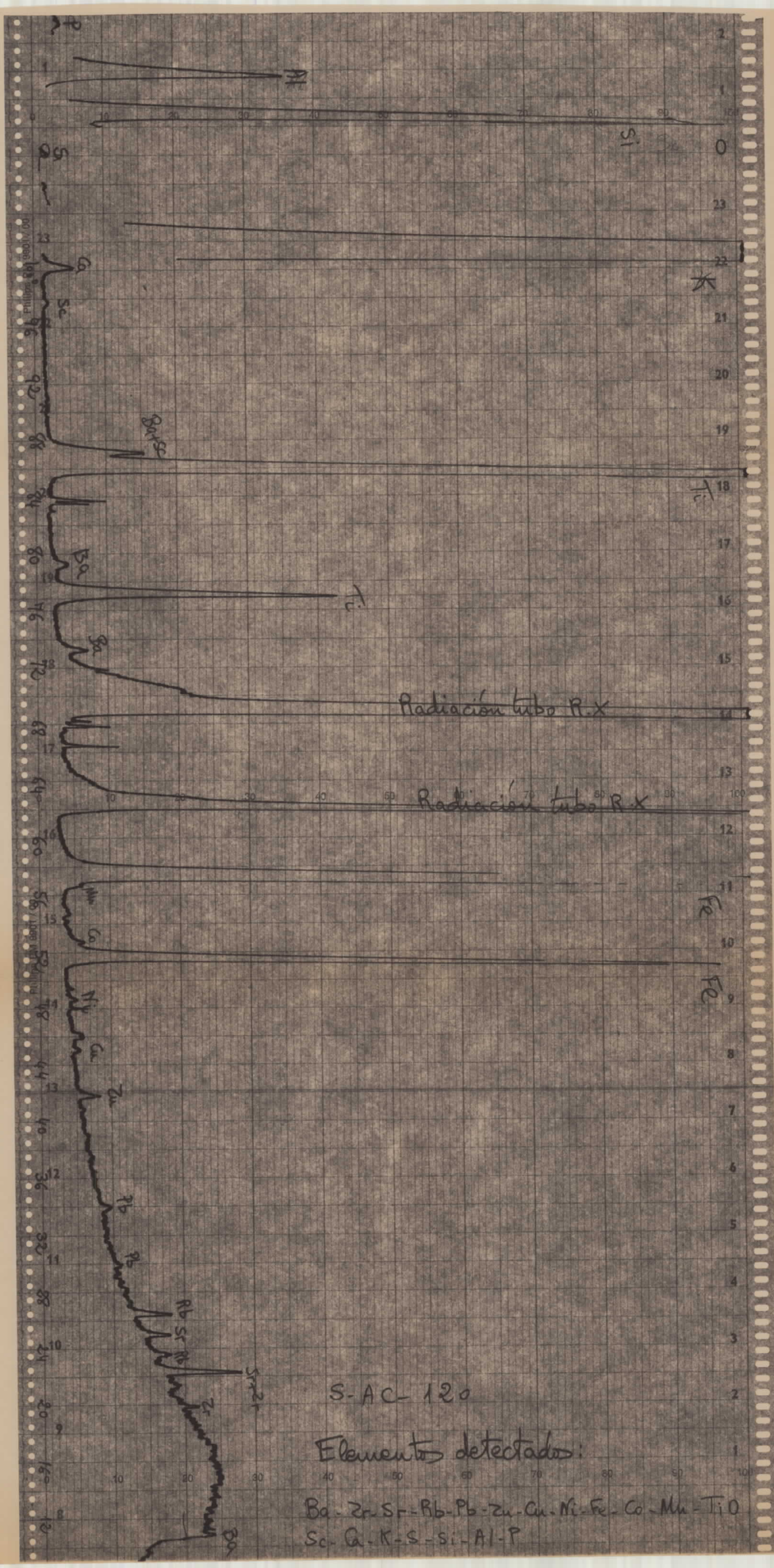


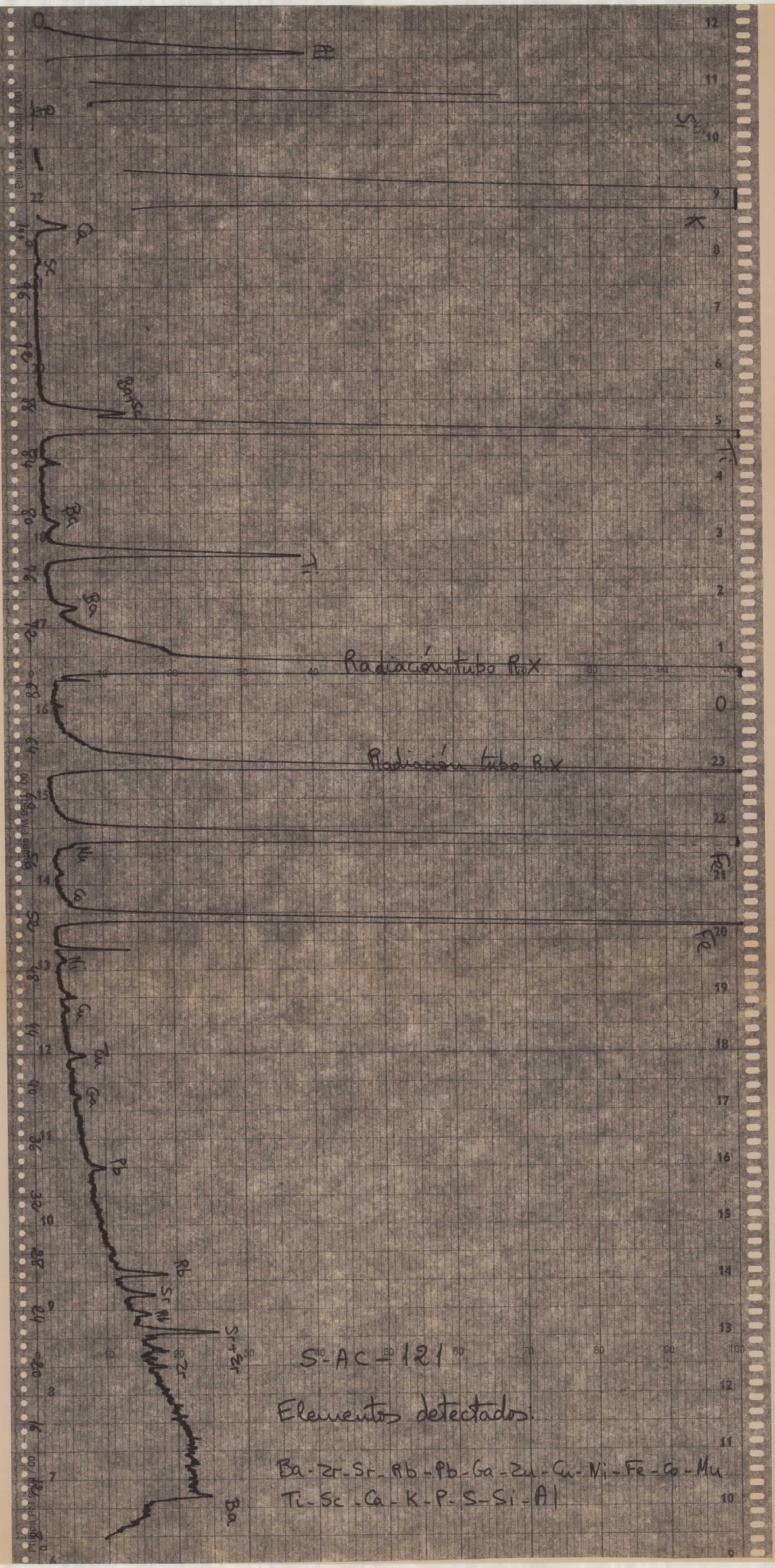
S-AC - 118

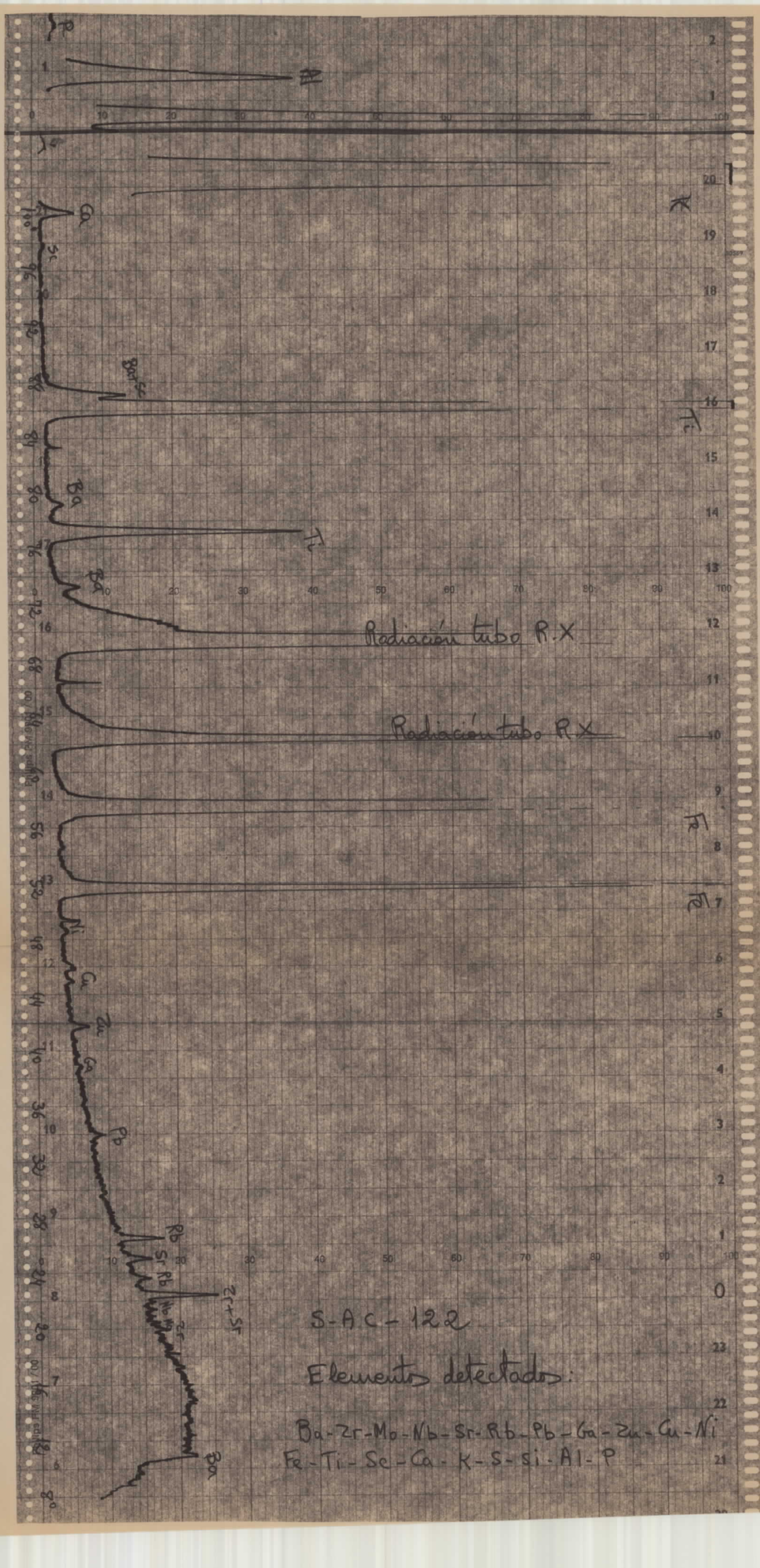
Elementos detectados:

Ba, Zr, Mo - Nb, Sr - Rb - Pb - Ga - Zn - Cu - Ni
Fe - Ti - Sc - Ca - K - P - S - Si - Al - Mg


S-AC-119
Elementos detectados:
Ba-Zr-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe-Ti-Sc
Ca-K-S-Si-Al-P
Al
Si
K
Ca
Sc
Ba+Sc
Ti
Ba
Ti
Radiación tubo R-X
Radiación tubo R-X
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Ba


Ba
Sr
Rb
Pb
Zr
Sr Zr
Rb
Sr
Rb
Pb
Zn
Cu
Ni
Fe
Co
Mn
Ti
Sc
Ca
K
S
Si
Al
P
Radiación tubo R.X
Radiación tubo R.X
Fe
Fe
S-AC-120
Elementos detectados:
Ba - Zr - Sr - Rb - Pb - Zn - Cu - Ni - Fe - Co - Mn - Ti
Sc - Ca - K - S - Si - Al - P


Ba
Ba+Sc
Sc
Ba
Ba
Radiación tubo R.X
Radiación tubo R.X
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Sr+Zr
Zr
Ba
S-AC-121
Elementos detectados:
Ba - Zr - Sr - Rb - Pb - Ga - Zn - Cu - Ni - Fe - Co - Mn
Ti - Sc - Ca - K - P - S - Si - Al


Ba
Ba
Ba

Ca

Sc

Ba+Sc

Ba

Ti

Ba

Radiación tubo R.X

Ti

Fe

Fe

Cu

Zn

Ga

Pb

Pb

Rb Sr Rb

Zr

Sr+Zr

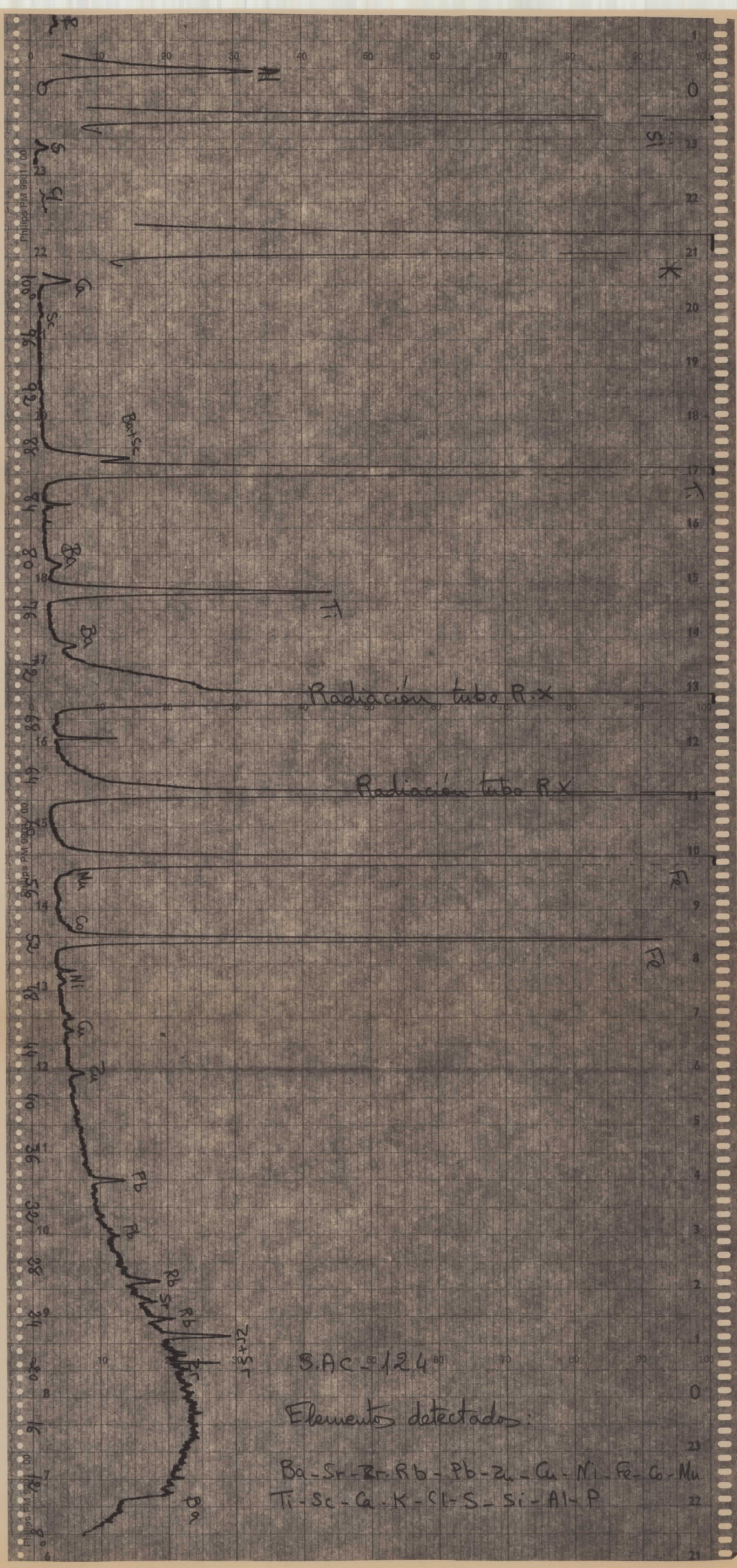
Ba

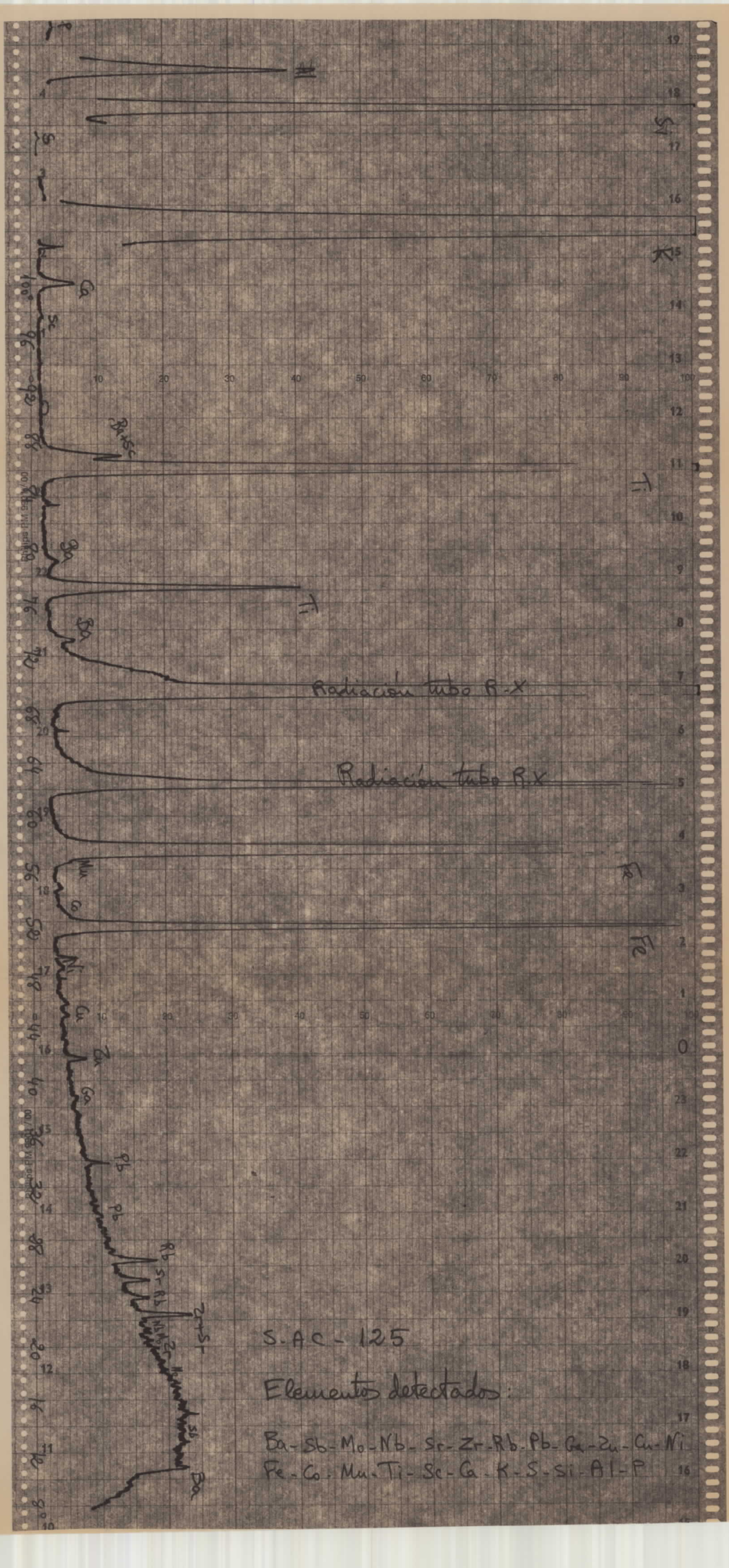
Te

S-AC-123

Elementos detectados:

Ba - Te - Sb - Mg - Zr - Mo - Nb - Sr - Rb - Pb - Ga - Zn
Cu - Ni - Fe - Ti - Sc - Ca - K - Si - Al

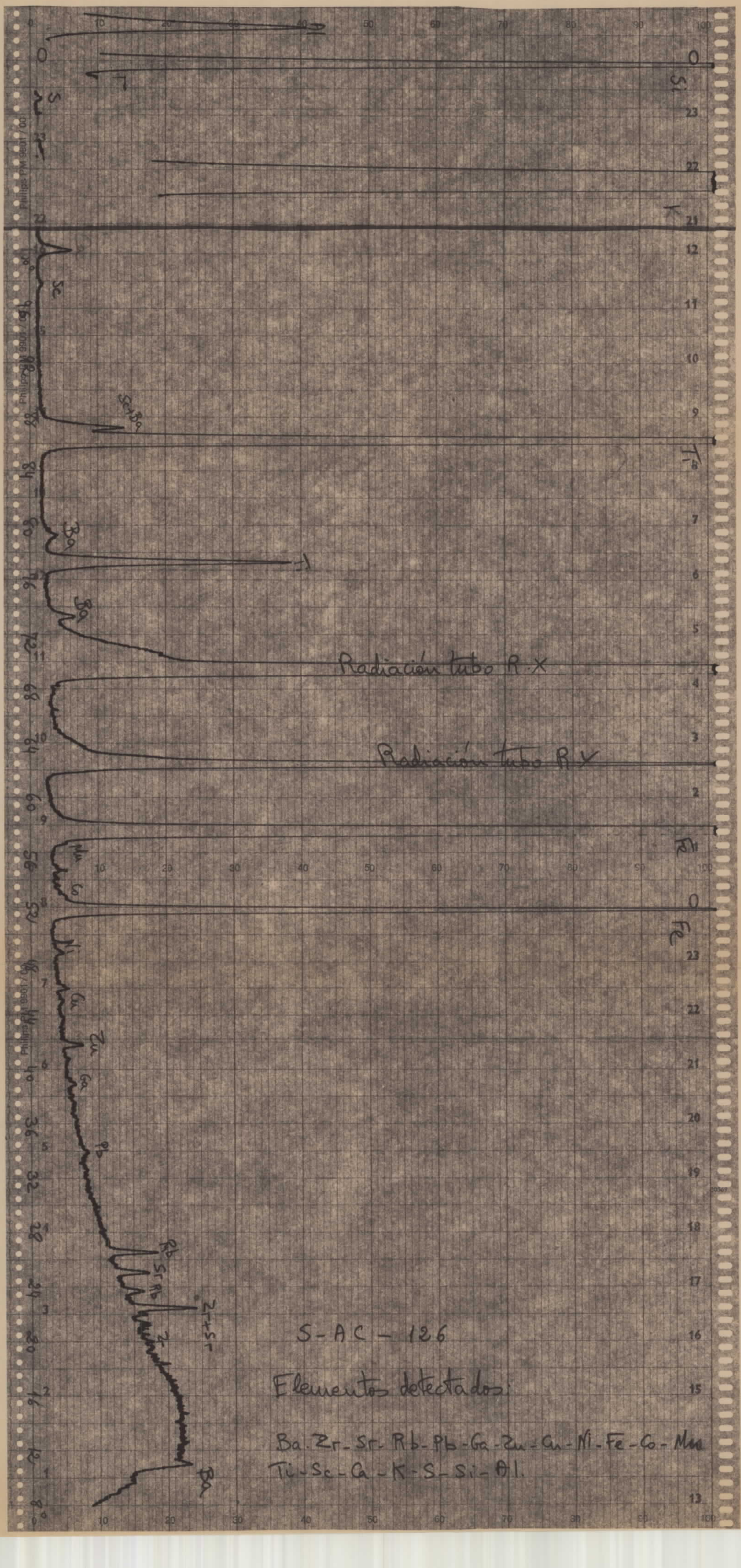

Radiación tubo R.X
Radiación tubo R.X
Ba+Sc
Ba
Ti
Ba
Ti
Fe
Fe
Mu
Co
Ni
Cu
Zn
Pb
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Ba
S.AC-124
Elementos detectados:
Ba-Sr-Zr-Rb-Pb-Zn-Cu-Ni-Fe-Co-Mu
Ti-Sc-Ca-K-Cl-S-Si-Al-P

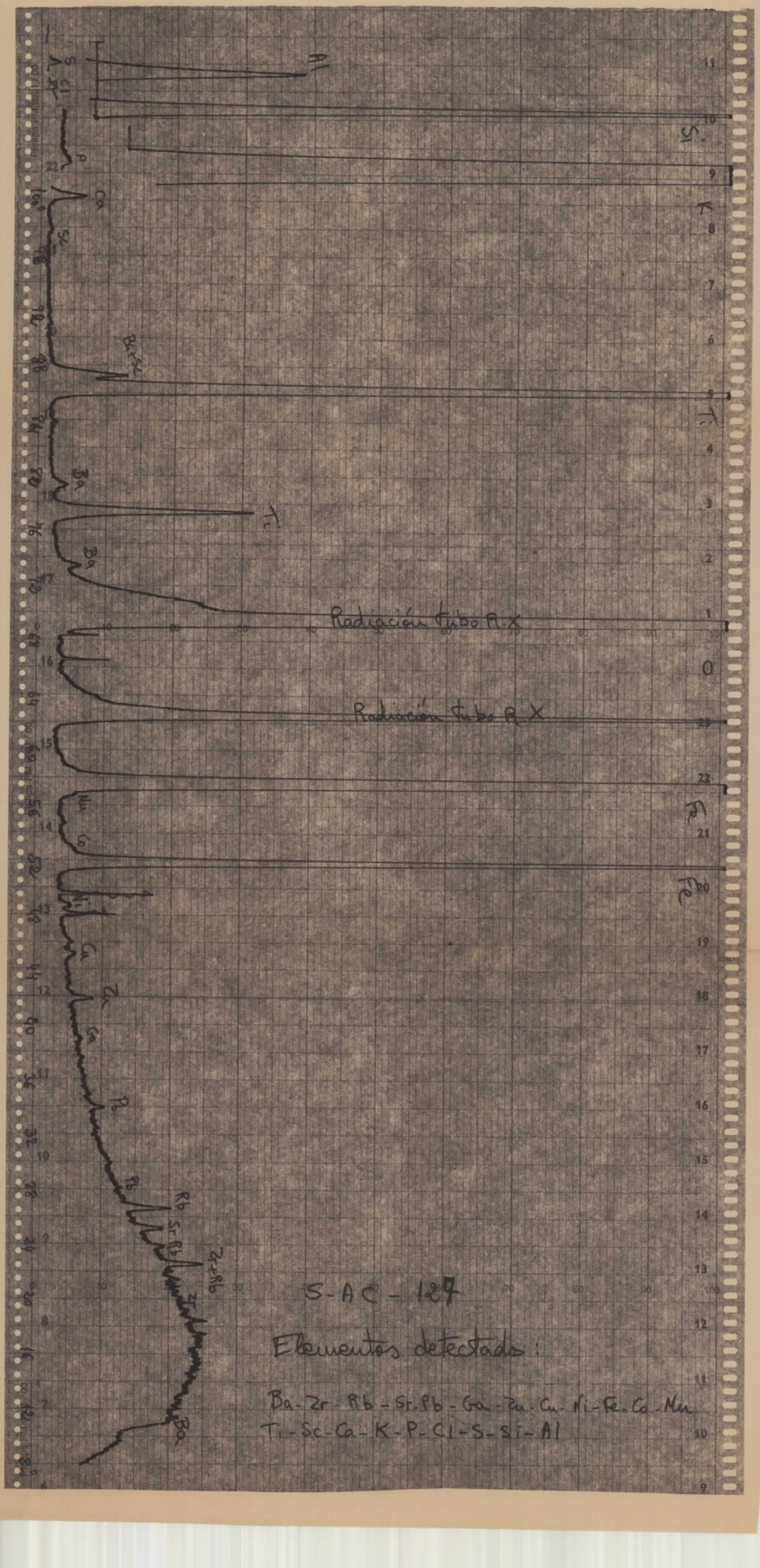


S.AC - 125

Elementos detectados:

Ba - Sb - Mo - Nb - Sr - Zr - Rb - Pb - Ga - Zn - Cu - Ni
Fe - Co - Mn - Ti - Sc - Ca - K - S - Si - Al - P

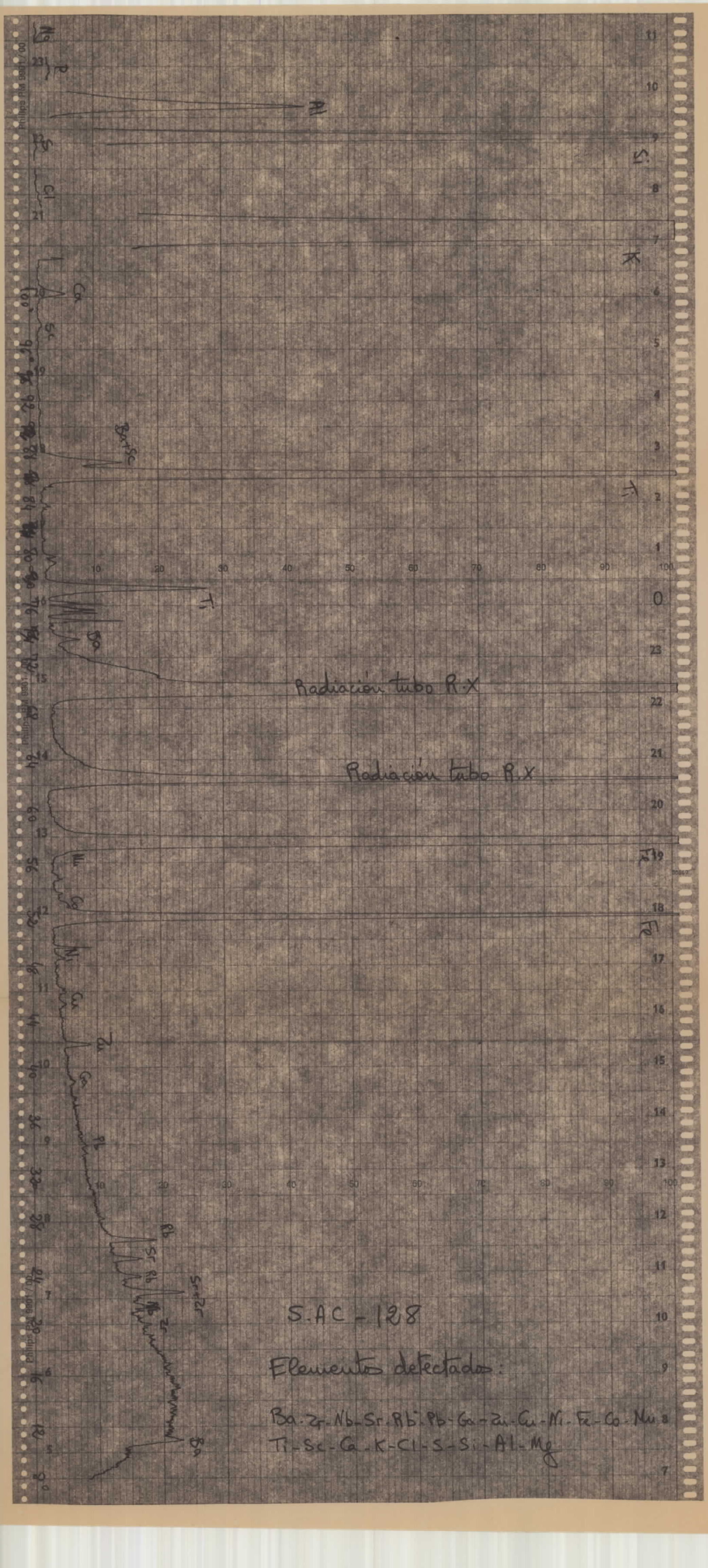

Radiación tubo R-X
Radiación tubo R-Y
S-AC-126
Elementos detectados:
Ba-Zr-Sr-Rb-Pb-Ga-Zn-Cu-Ni-Fe-Co-Mn
Ti-Sc-Ca-K-S-Si-Al.

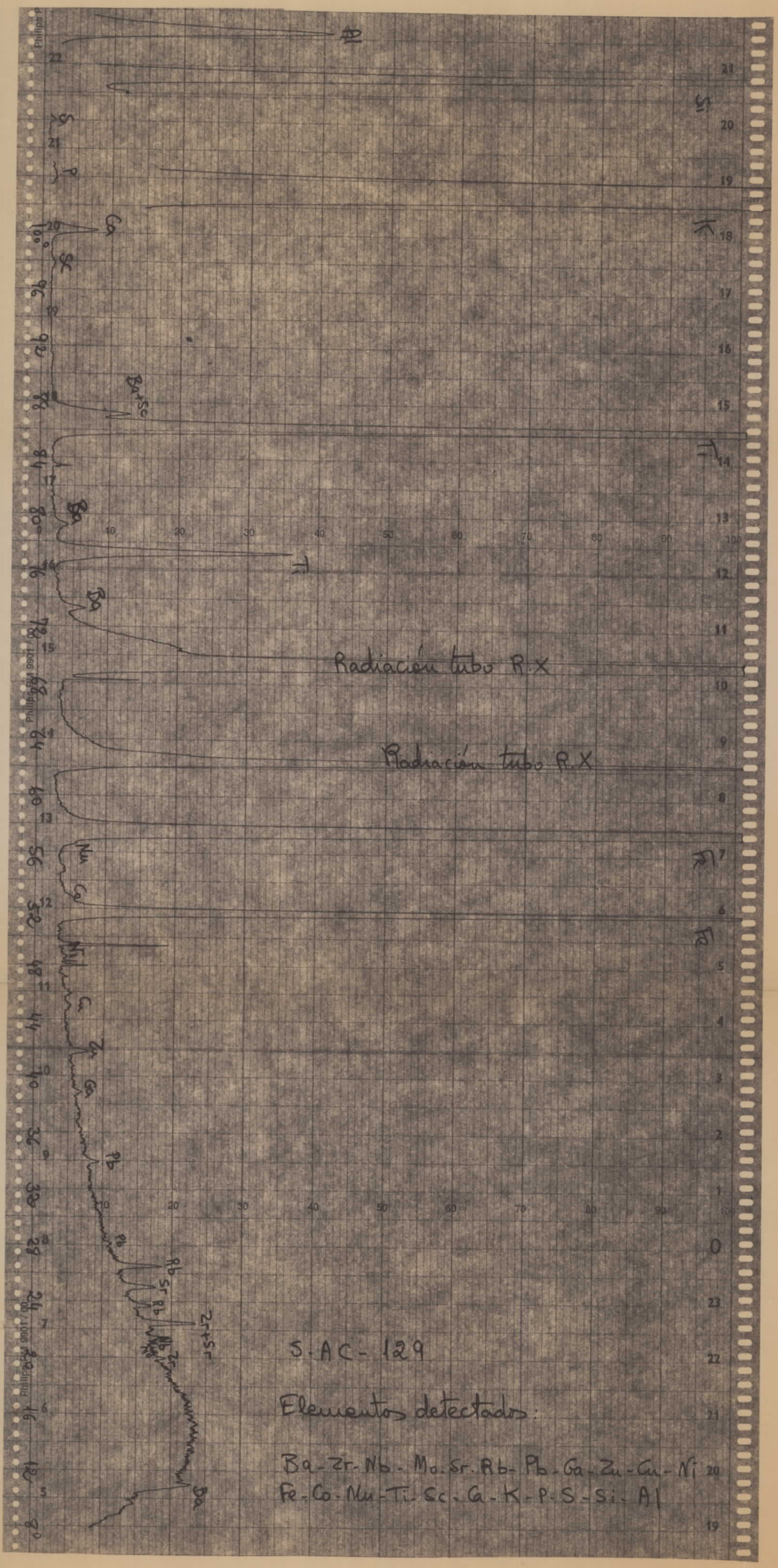


S-AC-127

Elementos detectados:

Ba - Zr - Rb - Sr - Pb - Ga - Zn - Cu - Ni - Fe - Co - Mn
Ti - Sc - Ca - K - P - Cl - S - Si - Al

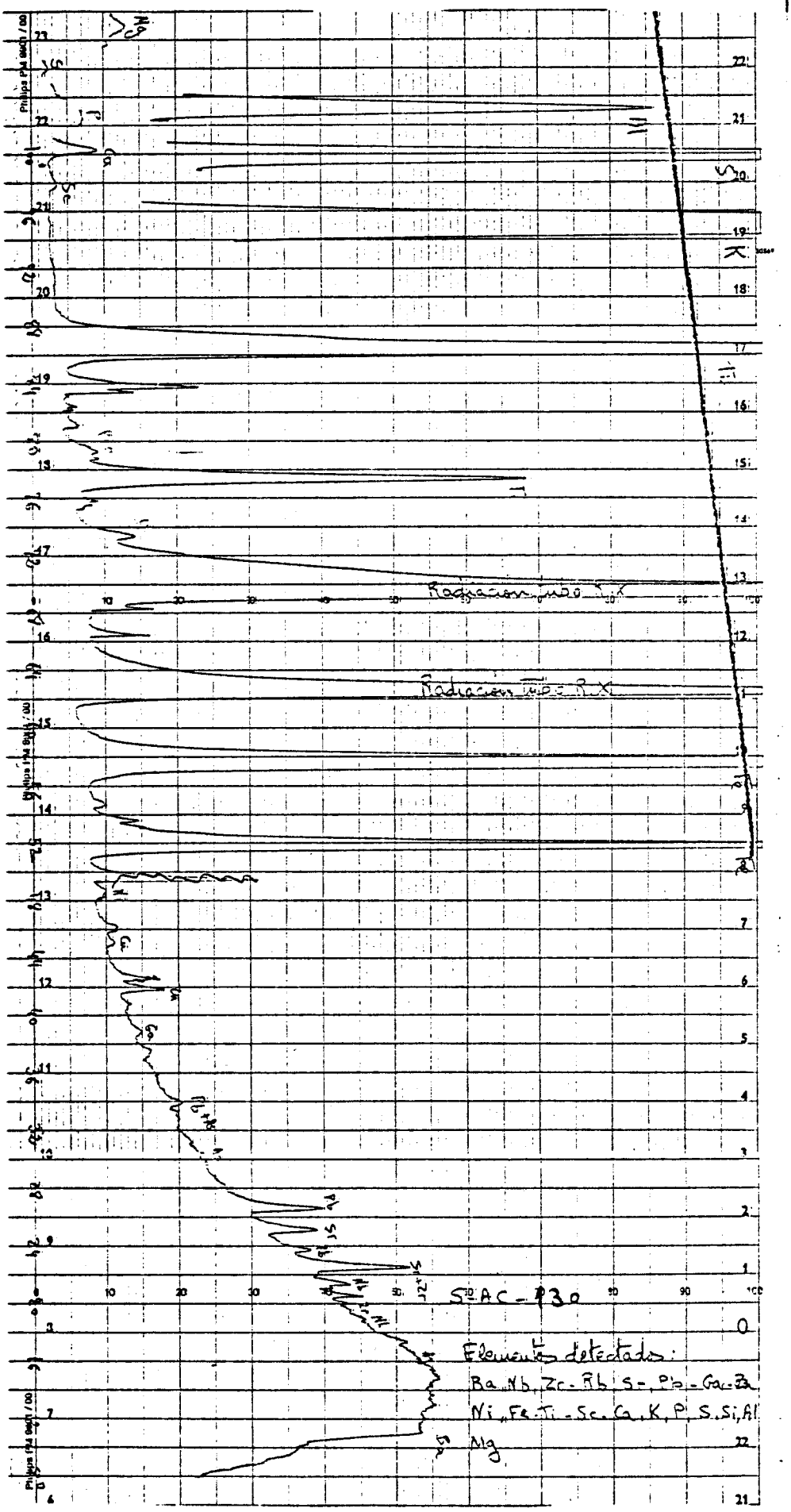

Ba+Sc
Radiación tubo R.X
Radiación tubo R.X
S.AC - 128
Elementos detectados:
Ba - Zr - Nb - Sr - Rb - Pb - Ga - Zn - Cu - Ni - Fe - Co - Mn
Ti - Sc - Ca - K - Cl - S - Si - Al - Mg

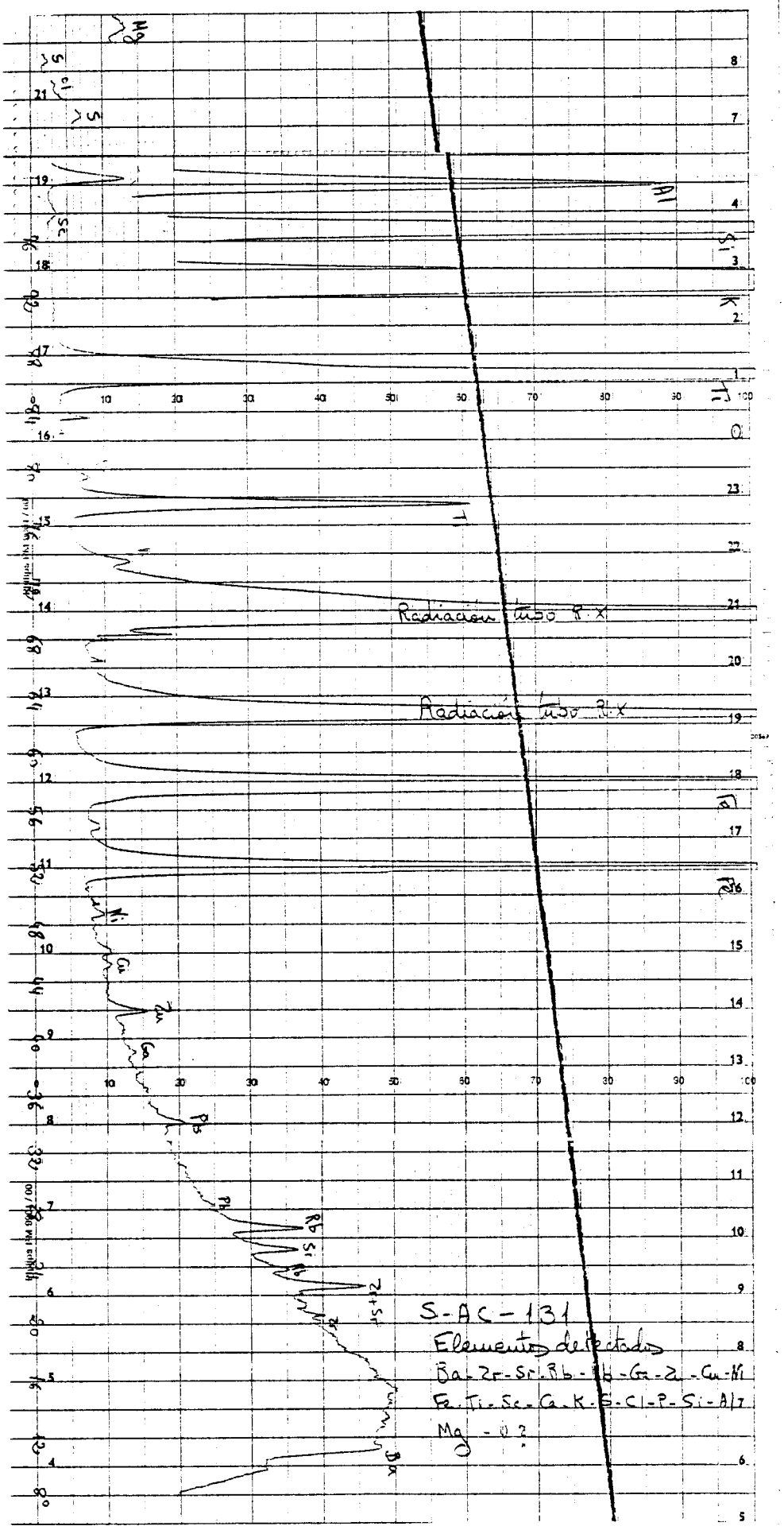


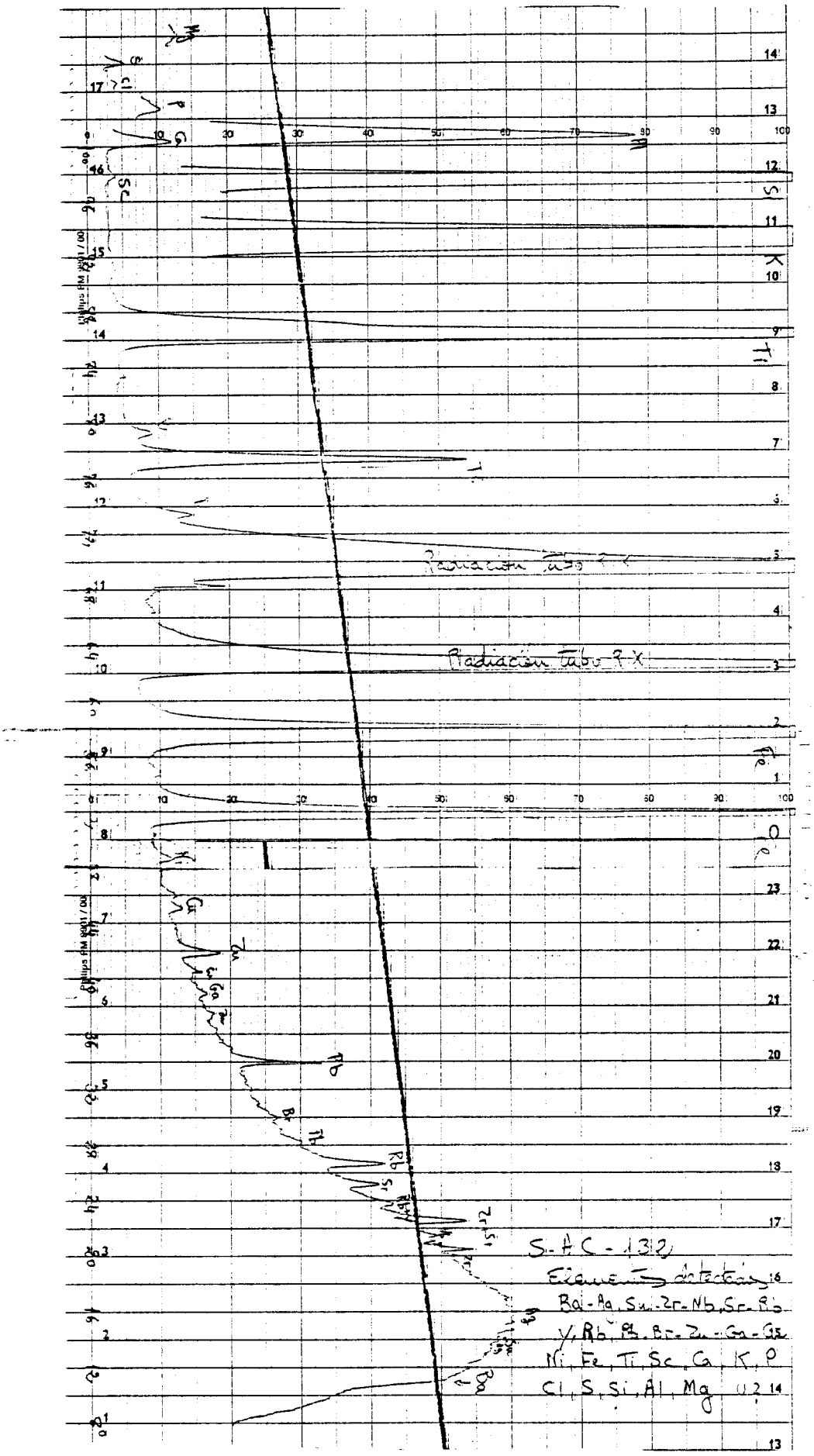
S.AC-129

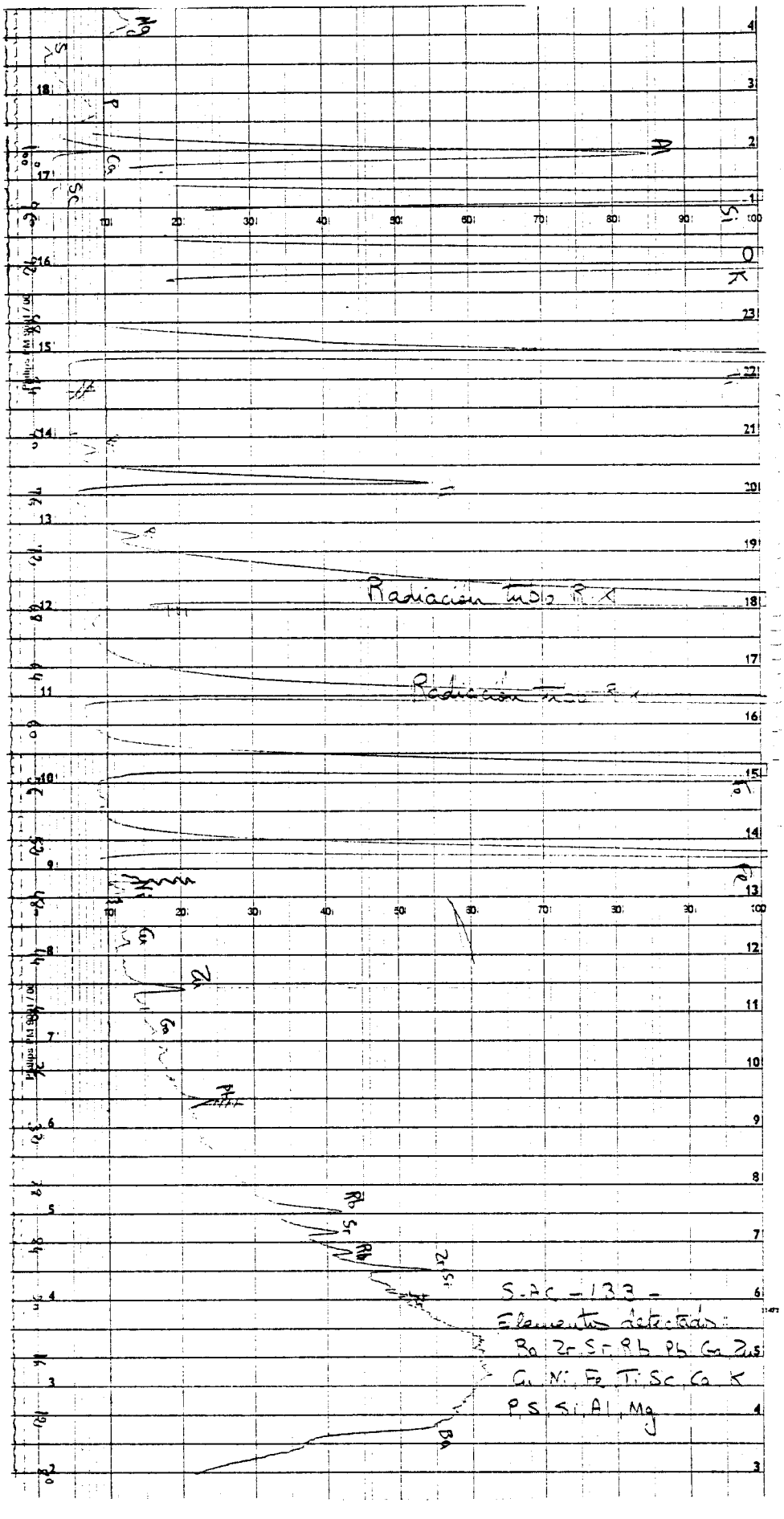
Elementos detectados:

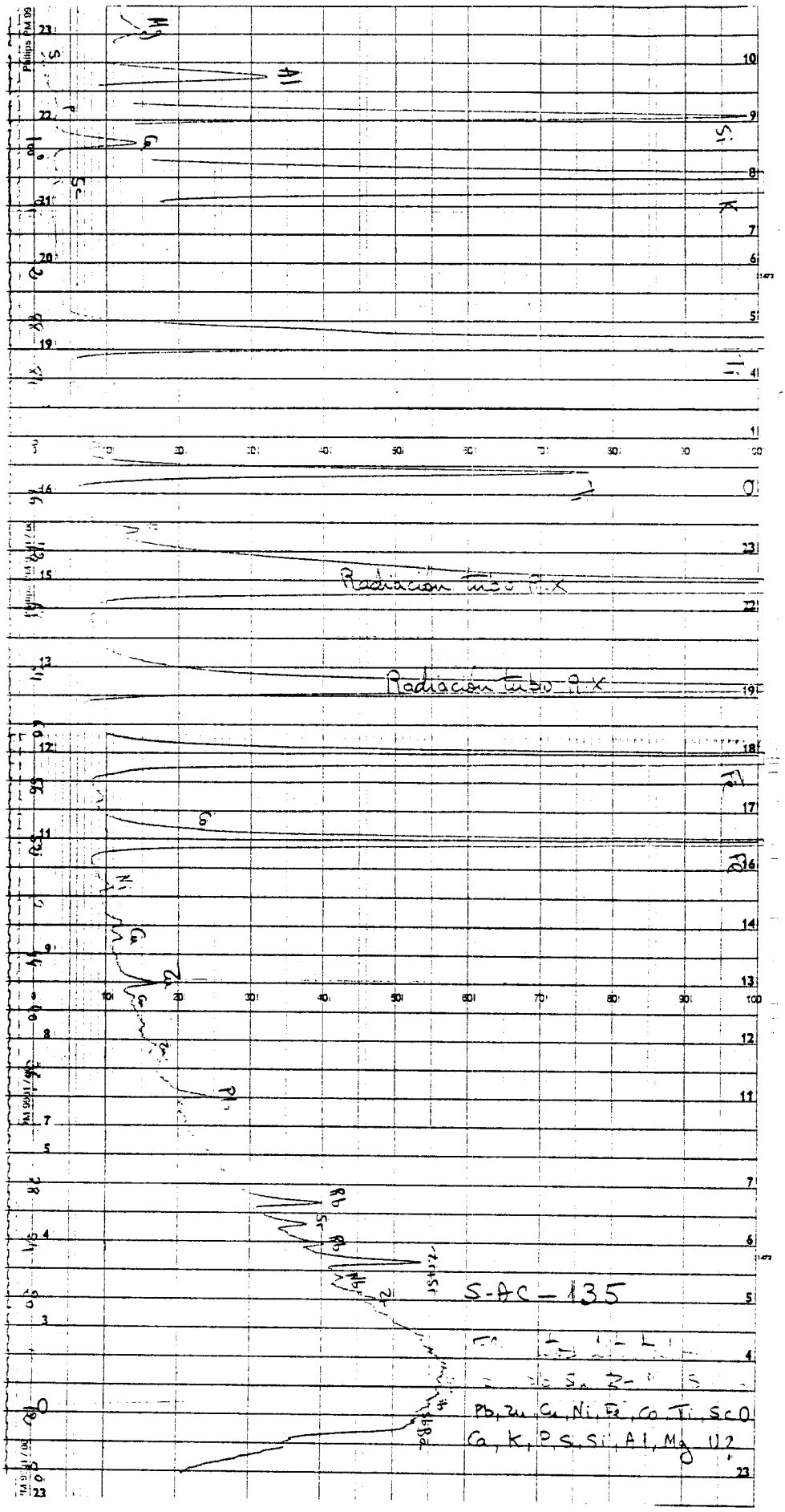
Ba - Zr - Nb - Mo - Sr - Rb - Pb - Ga - Zn - Cu - Ni
Fe - Co - Mn - Ti - Sc - Ca - K - P - S - Si - Al

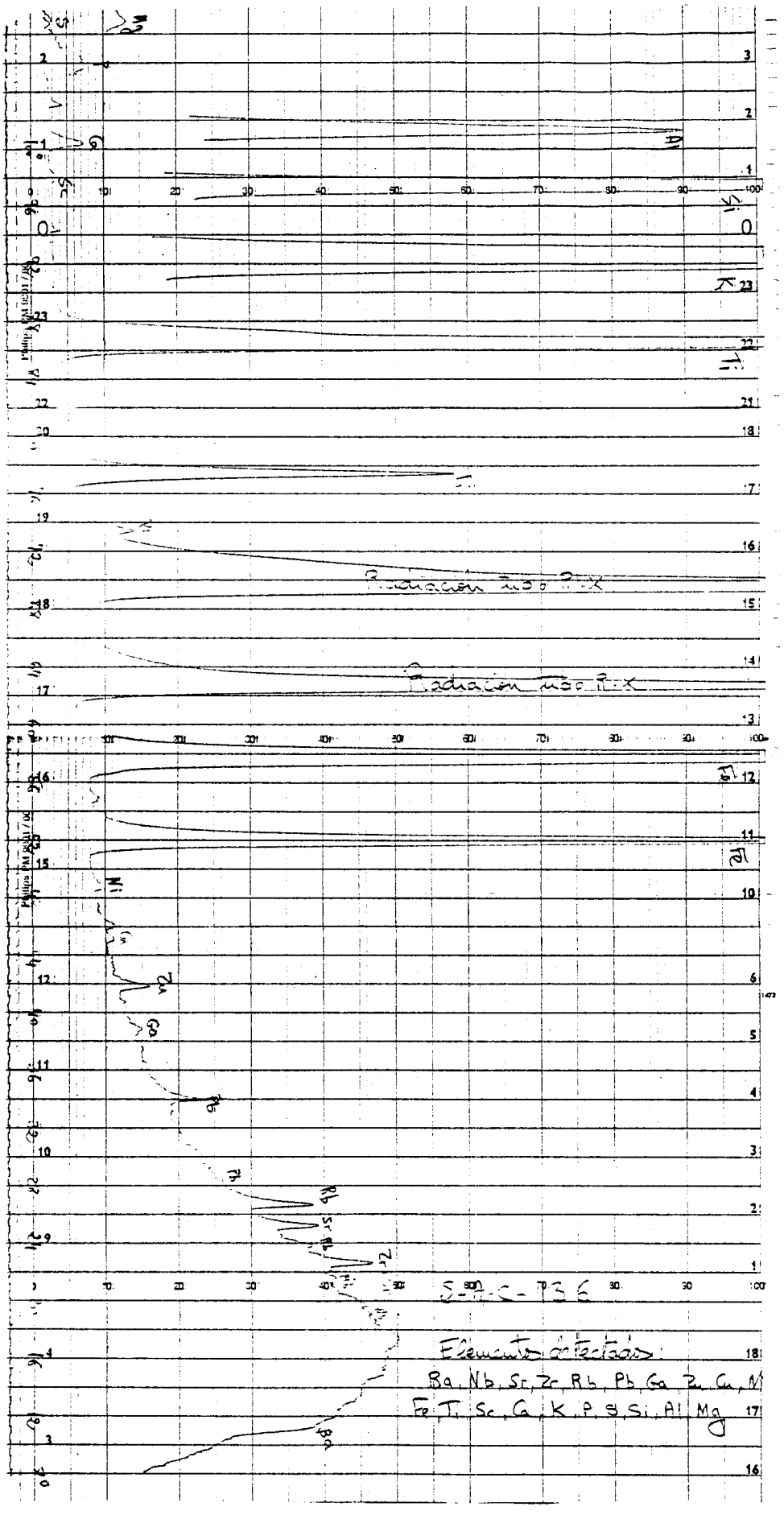

Radiación tubo R.X
Radiación tubo R.X
S-AC-130
Elementos detectados:
Ba, Nb, Zr-Rb, S-, Pb-Ga-Zn
Ni, Fe-Ti-Sc, Ca, K, P, S, Si, Al
Mg

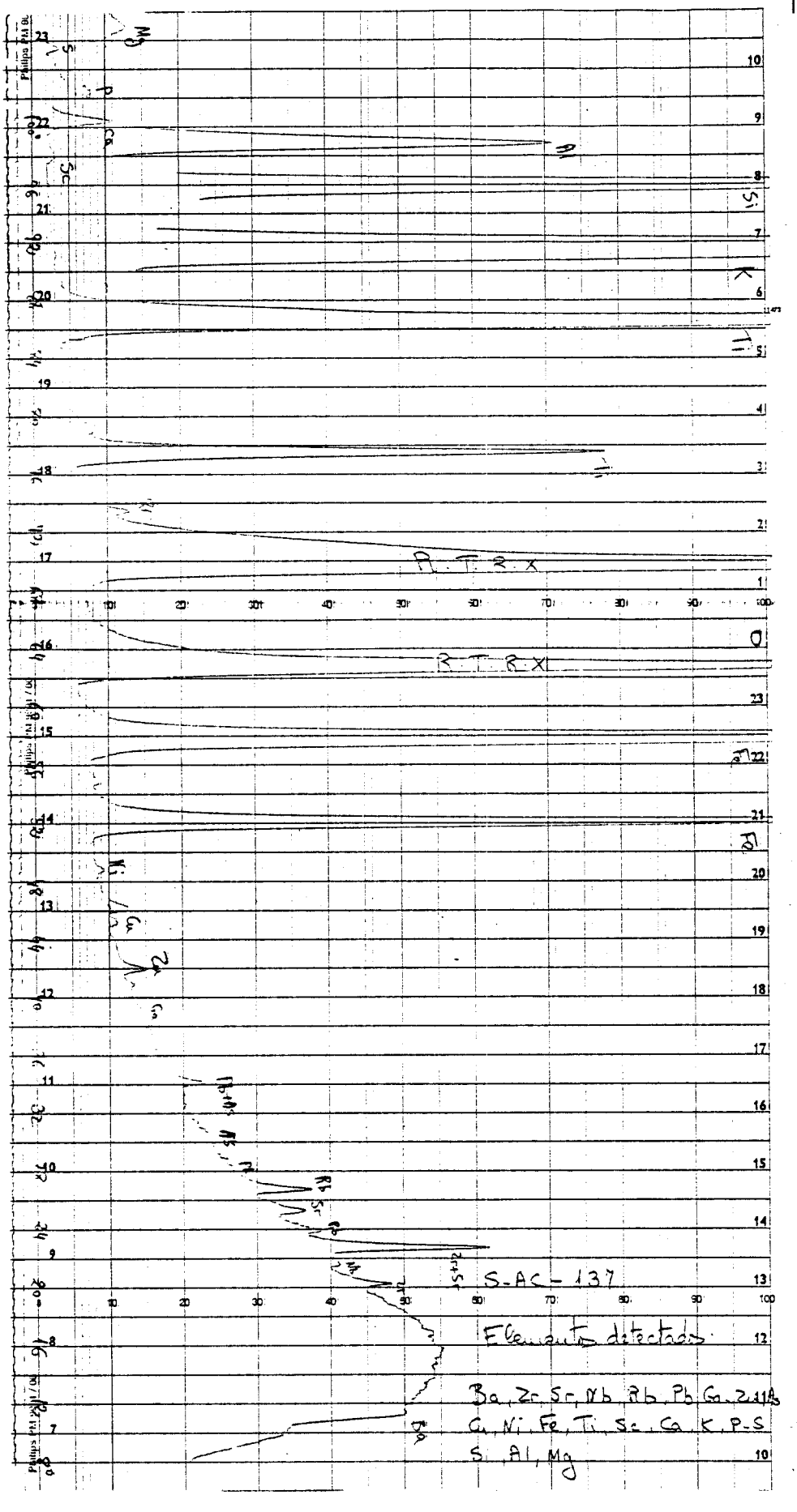

Radiación tubo R.X
Radiación tubo R.X
S-AC-131
Elementos detectados
Ba-Zr-Sr-Rb-Pb-Ga-Zn-Cu-Ni
Fe-Ti-Sc-Ca-K-S-Cl-P-Si-Al
Mg - O ?


Radiación tubo R-X
Radiación tubo R-X
S-AC-132
Elementos detectados
Ba-Ag, Sn-Zr-Nb, Sr-Rb
Y, Rb, Pb, Br-Zn-Ga-Ge
Ni, Fe, Ti, Sc, Ca, K, P
Cl, S, Si, Al, Mg

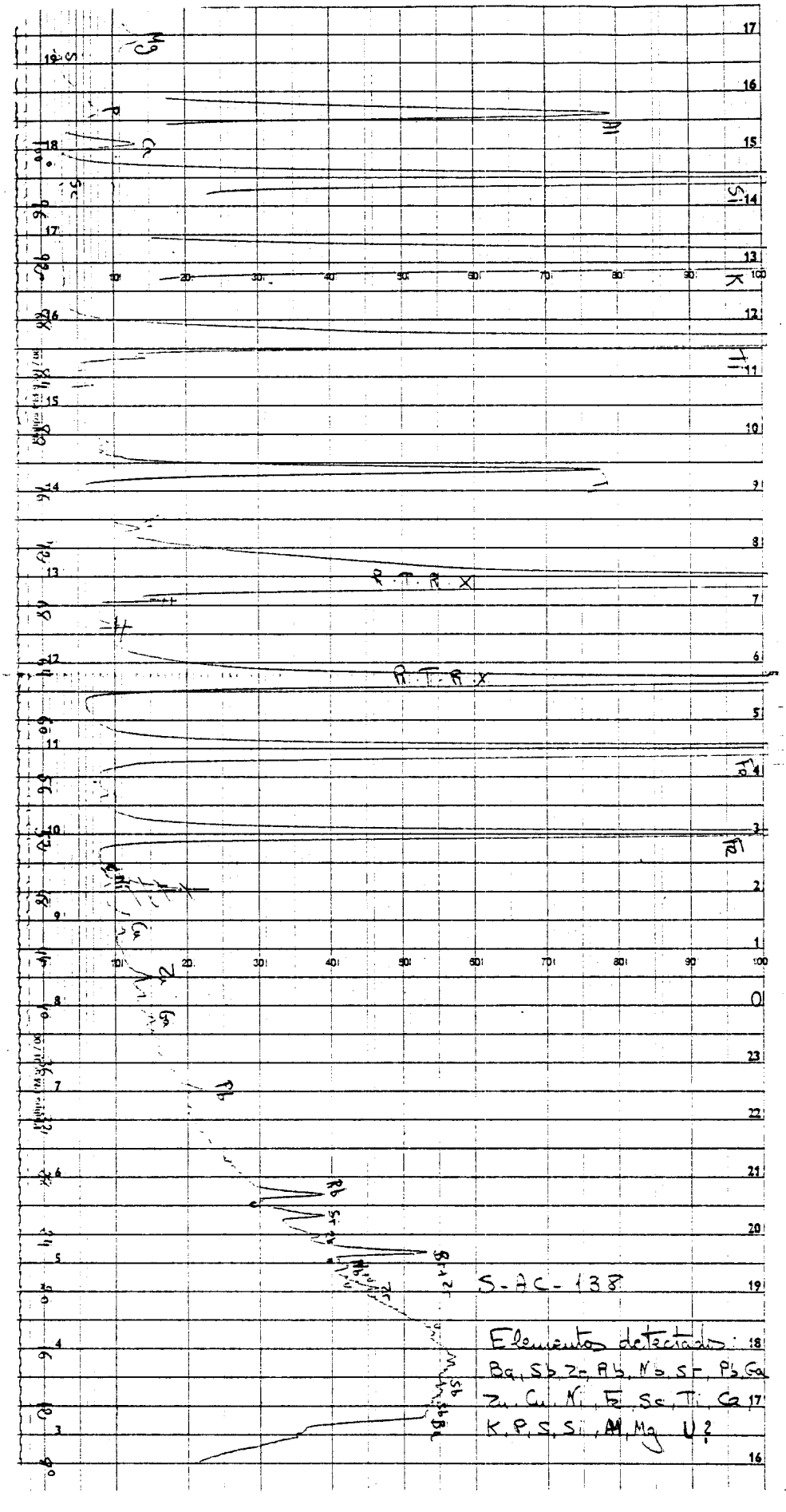

Radiación tubo R-X
Radiación tubo R-X
S-AC-133-
Elementos detectados:
Ba Zr Sr Rb Pb Ga Zn
Cu Ni Fe Ti Sc Ca K
P S Si Al Mg

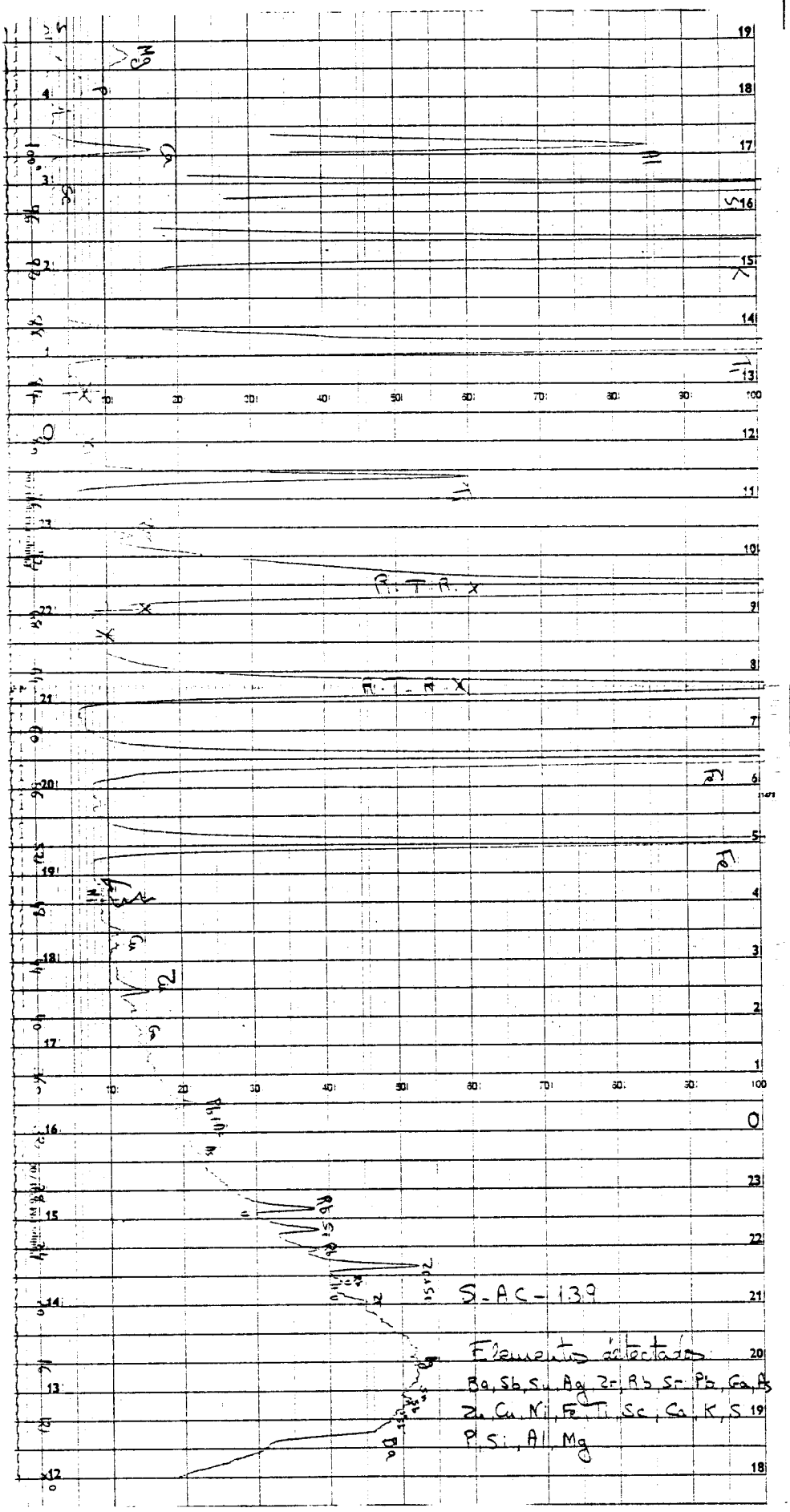

Radiación tubo R.X
Radiación tubo R.X
S-AC-135
Pb, Zn, Cu, Ni, Fe, Co, Ti, Sc O
Ca, K, P, S, Si, Al, Mg, U2

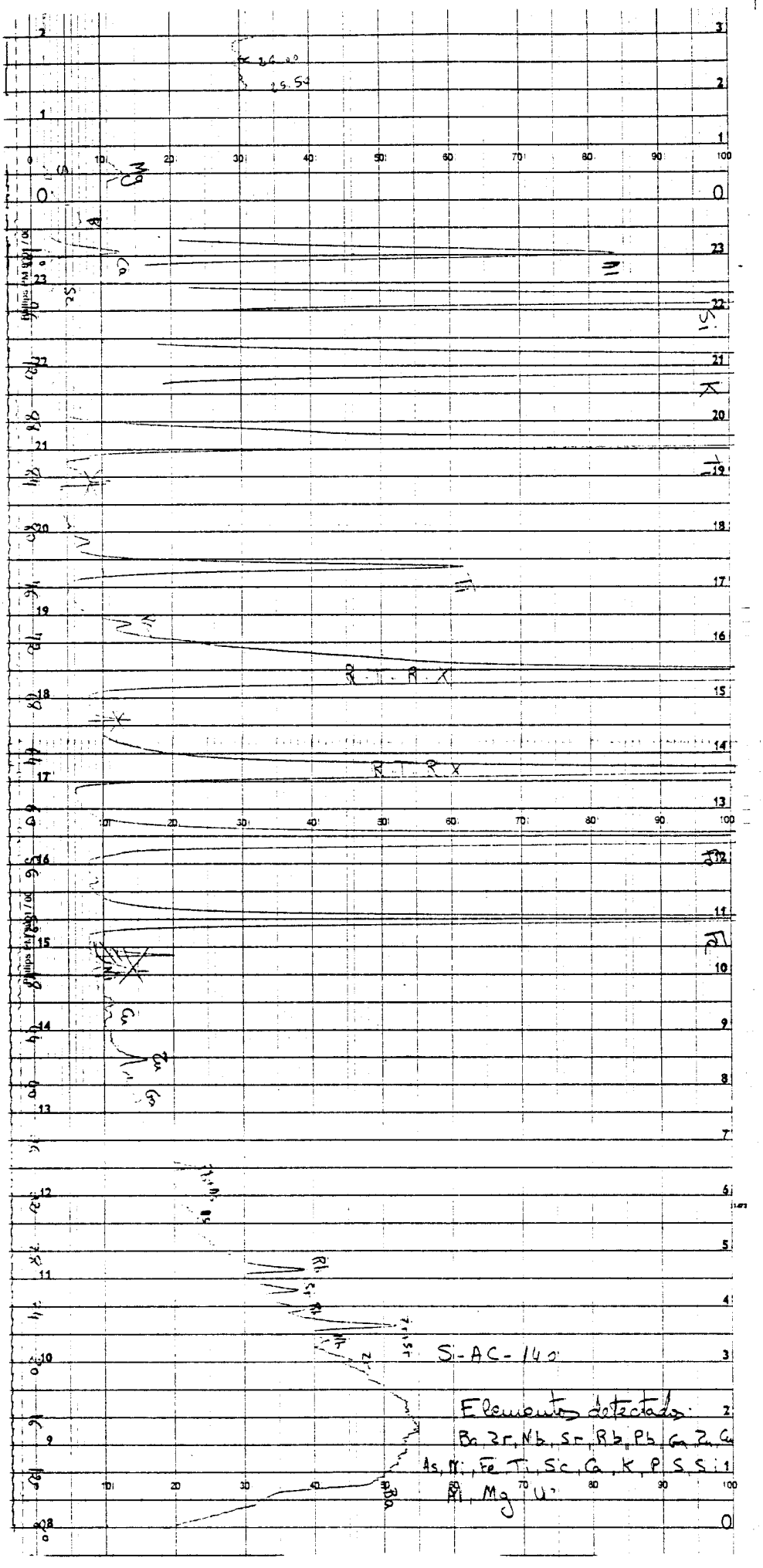

Radiación tubo R-X
Radiación tubo R-X
S-A-C-736
Elementos detectados:
Ba, Nb, Sr, Zr, Rb, Pb, Ga, Zn, Cu, Ni
Fe, Ti, Sc, Ca, K, P, S, Si, Al, Mg

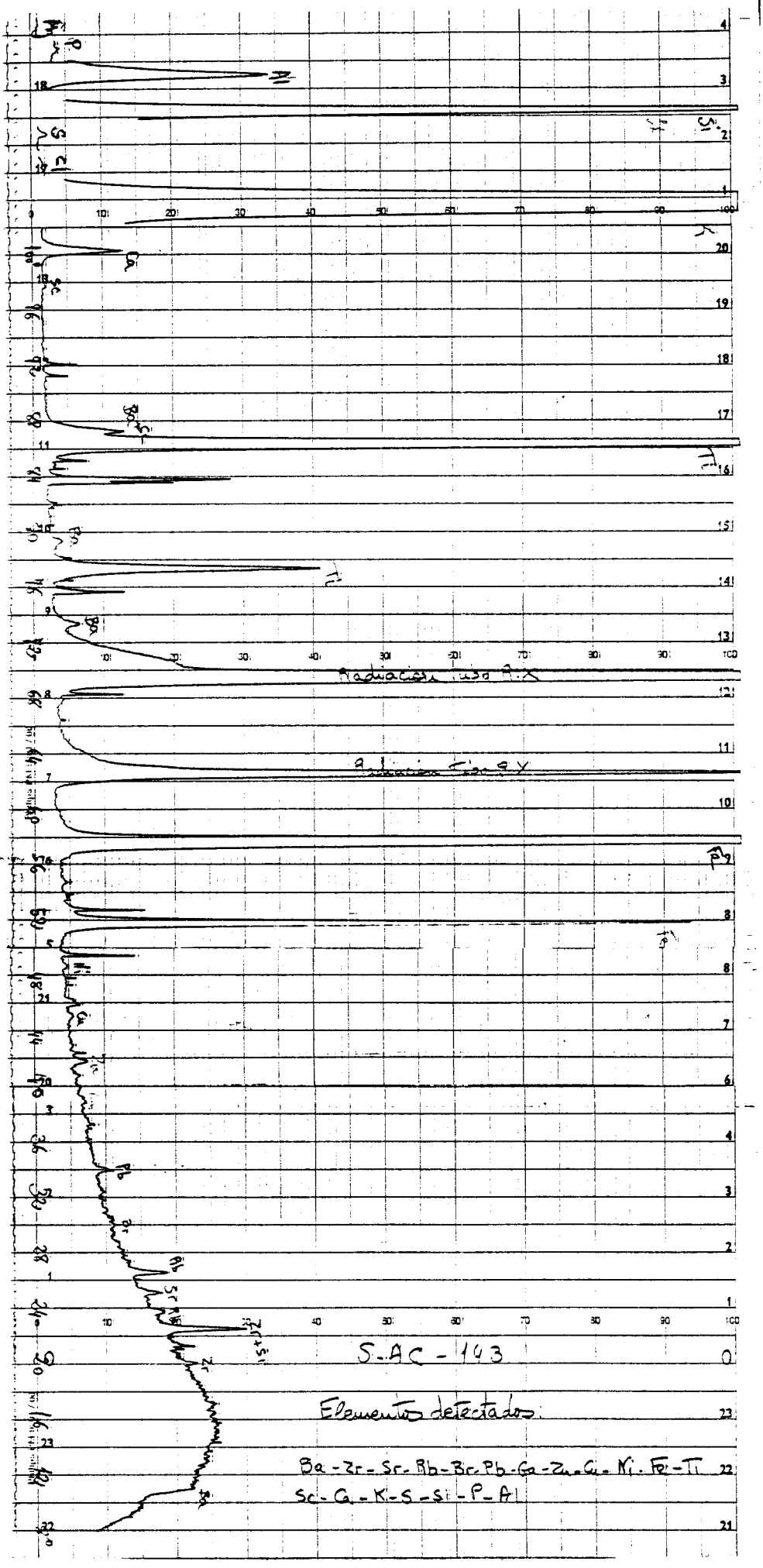


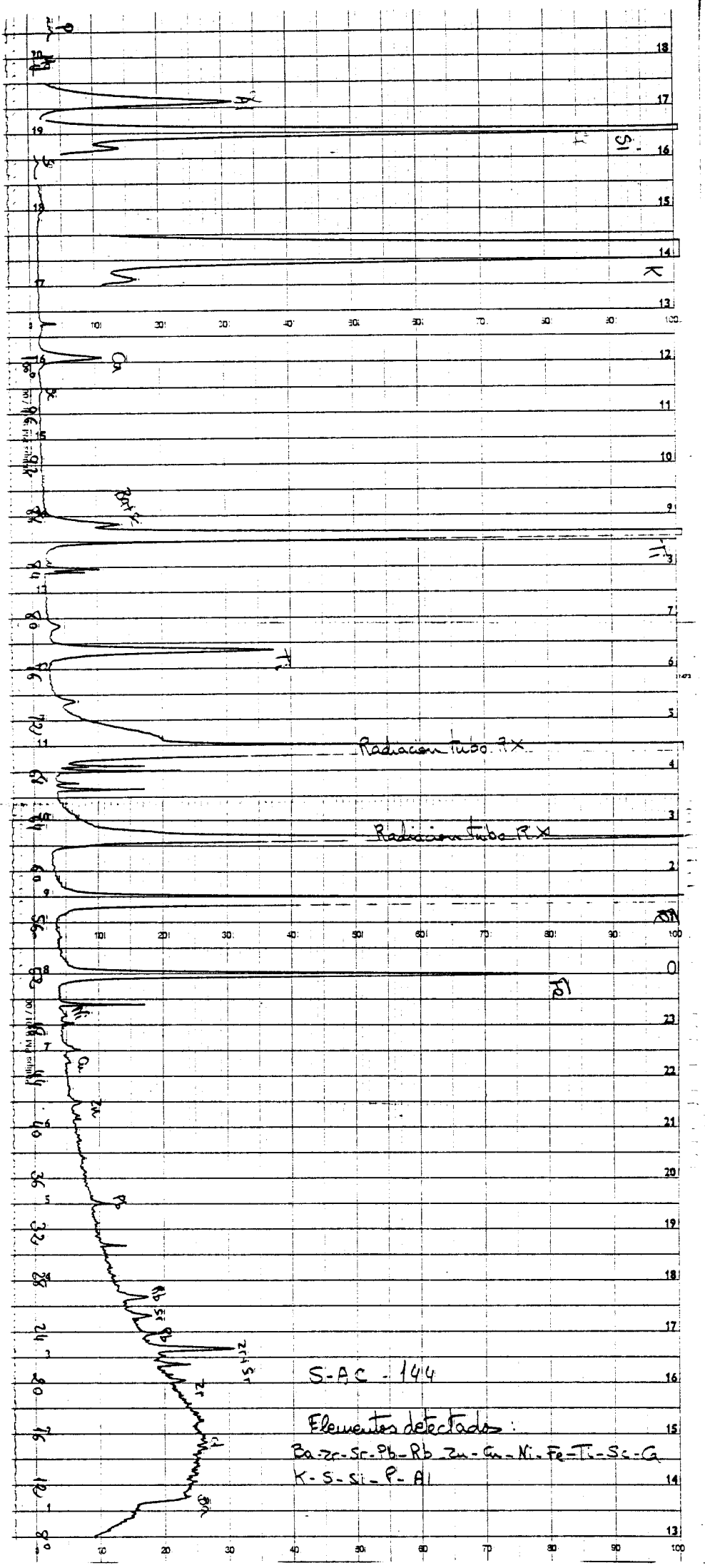
Mg
S
P
Ca
Al
Sc
Si
K
Ti
Fe
R.T.R.X
O
R.T.R.X
Fe
Al
Ni
Cu
Zn
Ga
Rb+As
Rb
Sr
Pb
Zr+Sr
Ba
S-AC-137
Elementos detectados
Ba, Zr, Sr, Nb, Rb, Pb, Ga, Zn, As
Cu, Ni, Fe, Ti, Sc, Ca, K, P-S
Si, Al, Mg

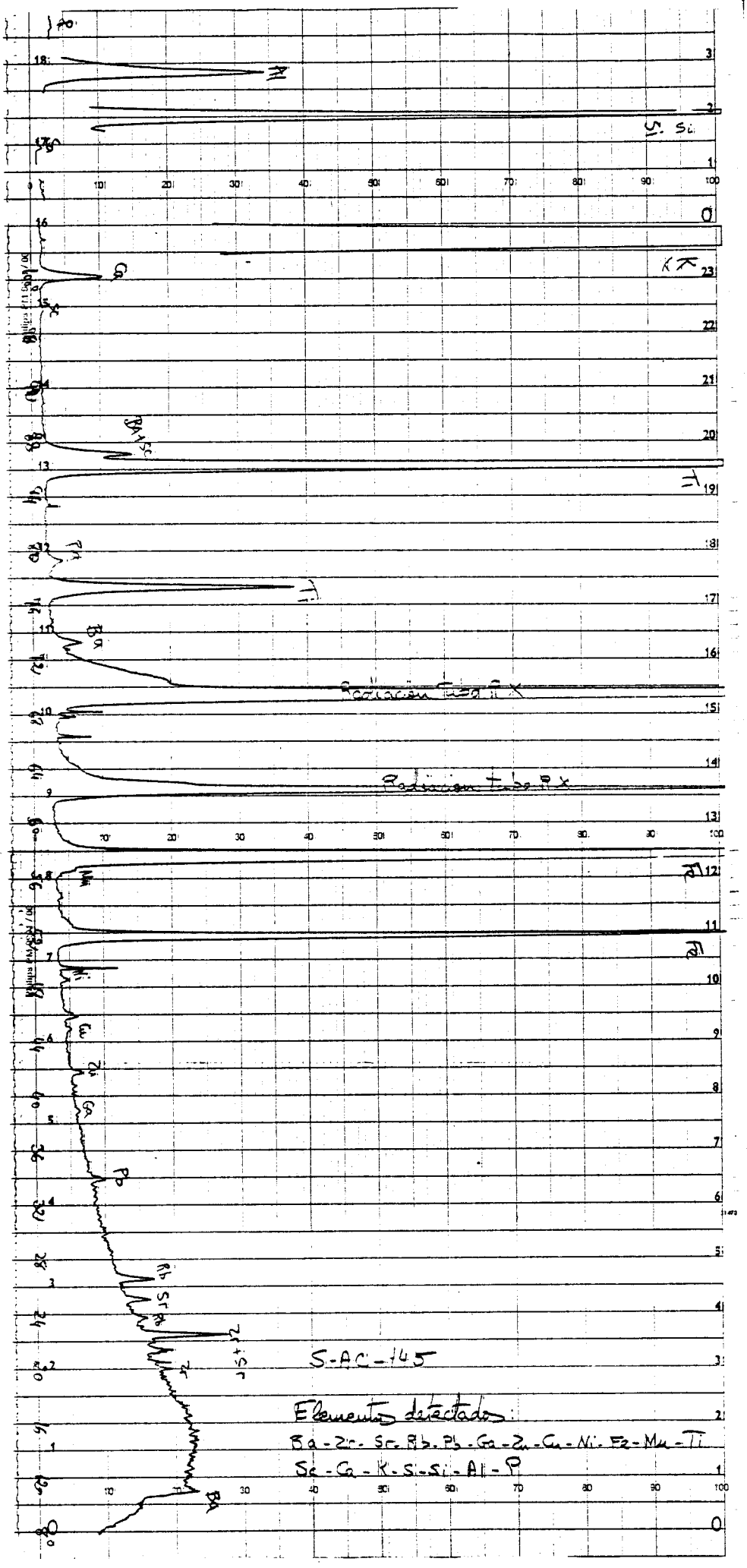

R.T.R.X
R.T.R.X
S-AC-138
Elementos detectados:
Ba, Sb, Zr, Rb, Nb, Sr, Pb, Ga
Zn, Cu, Ni, Fe, Sc, Ti, Ca
K, P, S, Si, Al, Mg, U?


S-AC-139
Elementos detectados:
Ba, Sb, Sn, Ag, Zr, Rb, Sr, Pb, Ga, As
Zn, Cu, Ni, Fe, Ti, Sc, Ca, K, S
P, Si, Al, Mg

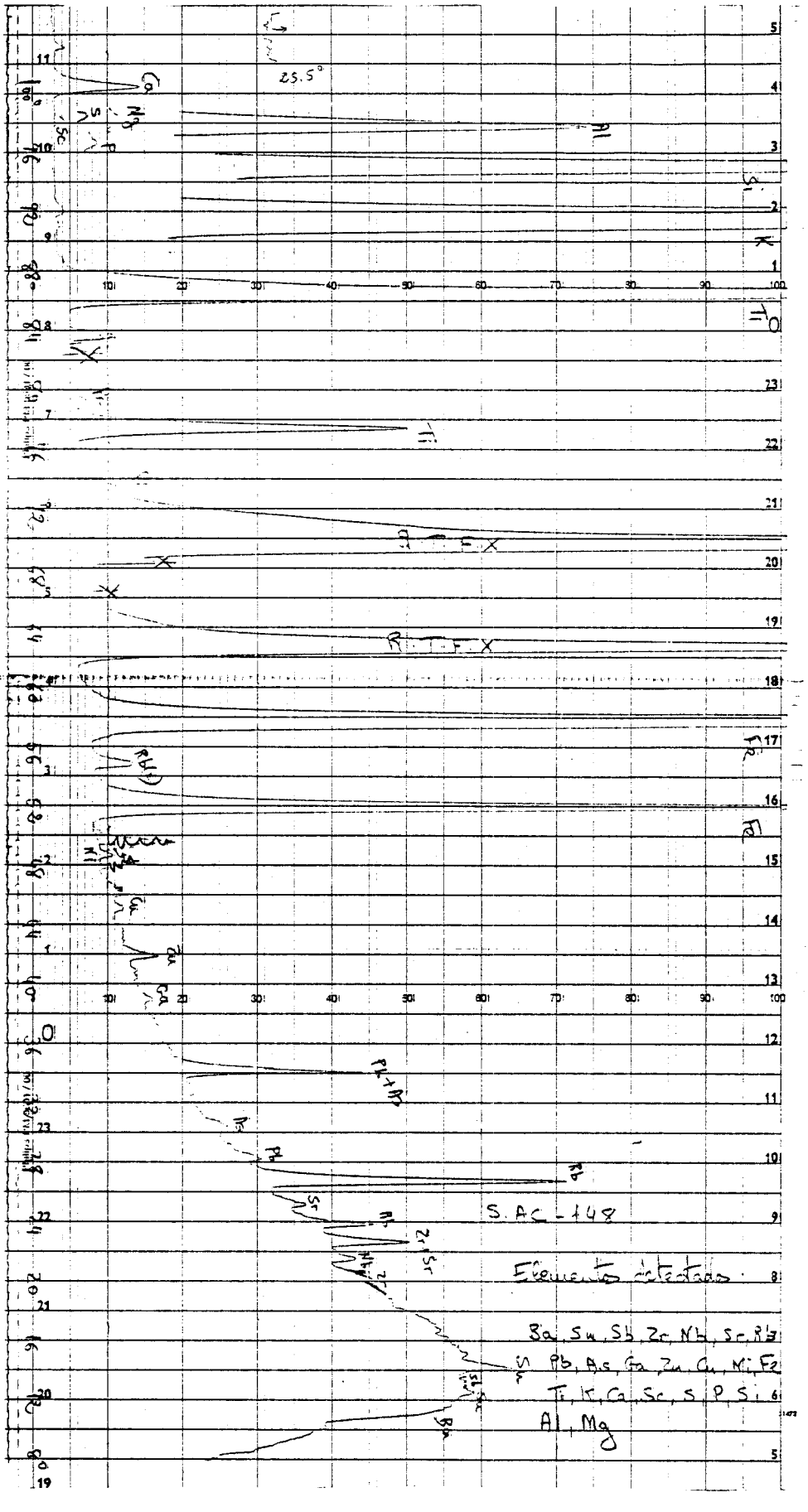

Si-AC-140
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu
As, Ni, Fe, Ti, Sc, Ca, K, P, S, Si
Al, Mg, U

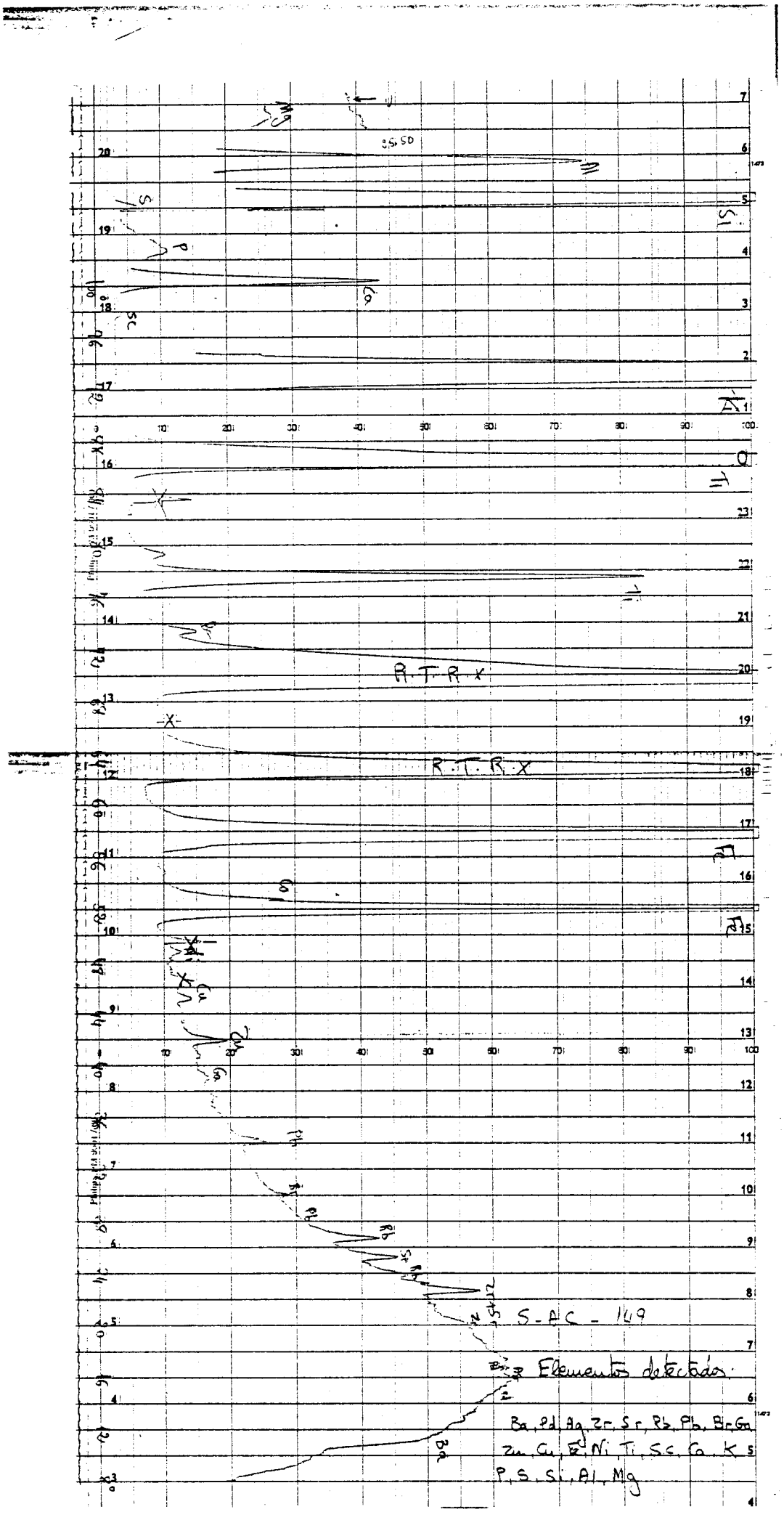

Radiación tubo A.X
Radiación tubo A.Y
S-AC-143
Elementos detectados:
Ba-Zr-Sr-Rb-Br-Pb-Ga-Zn-Cu-Ni-Fe-Ti
Sc-Ca-K-S-Si-P-Al


Radiacion tubo RX
Radiacion tubo RX
S-AC - 144
Elementos detectados:
Ba-Zr-Sr-Pb-Rb-Zn-Cu-Ni-Fe-Ti-Sc-Ca
K-S-Si-P-Al

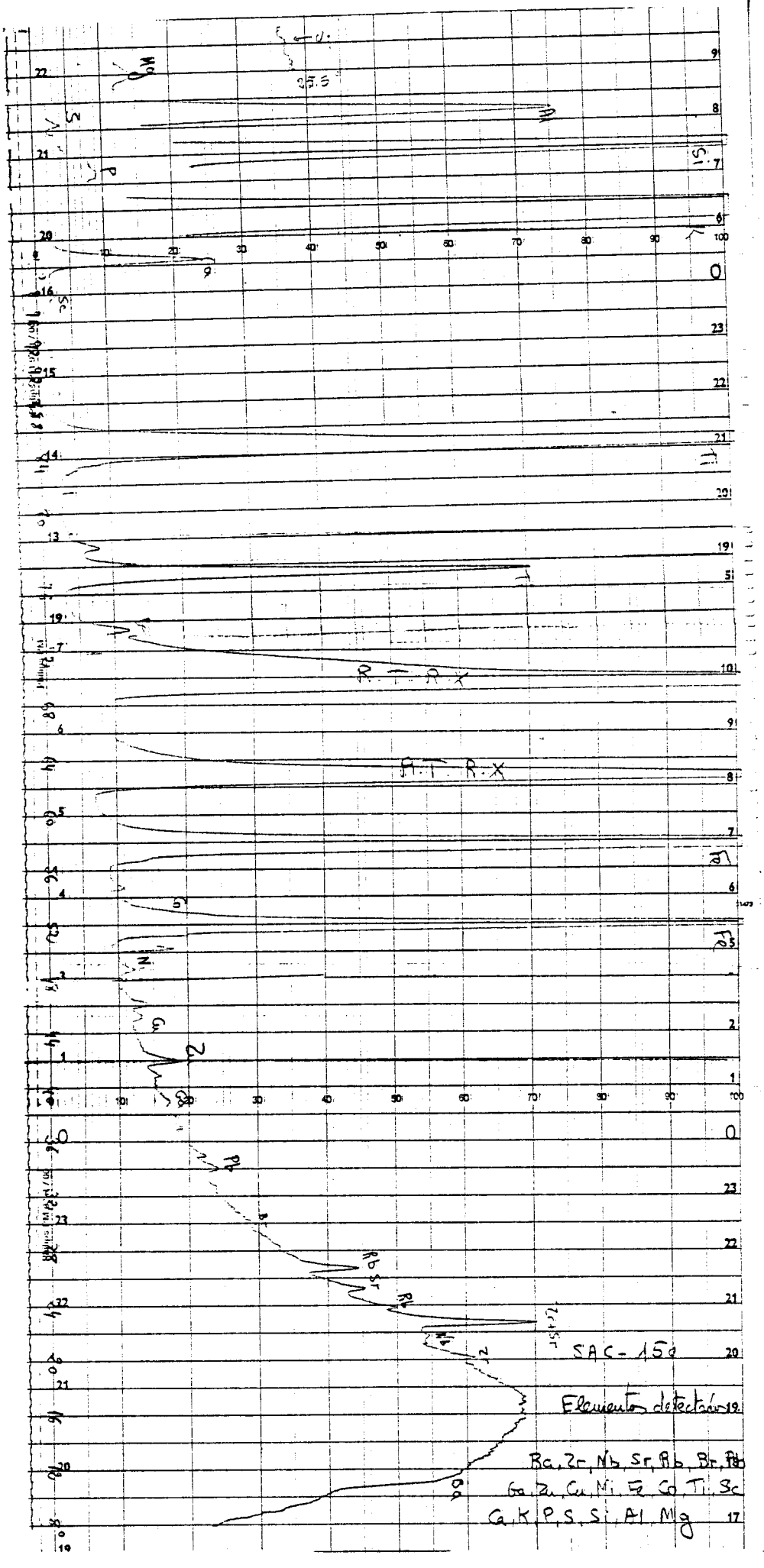

Si Si
K K
Ba+Sc
Ti
Ba
Radiación tubo R X
Radiación tubo R X
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Zr
Ba
S-AC-145
Elementos detectados:
Ba - Zr - Sr - Rb - Pb - Ga - Zn - Cu - Ni - Fe - Mn - Ti
Sc - Ca - K - Si - Si - Al - P

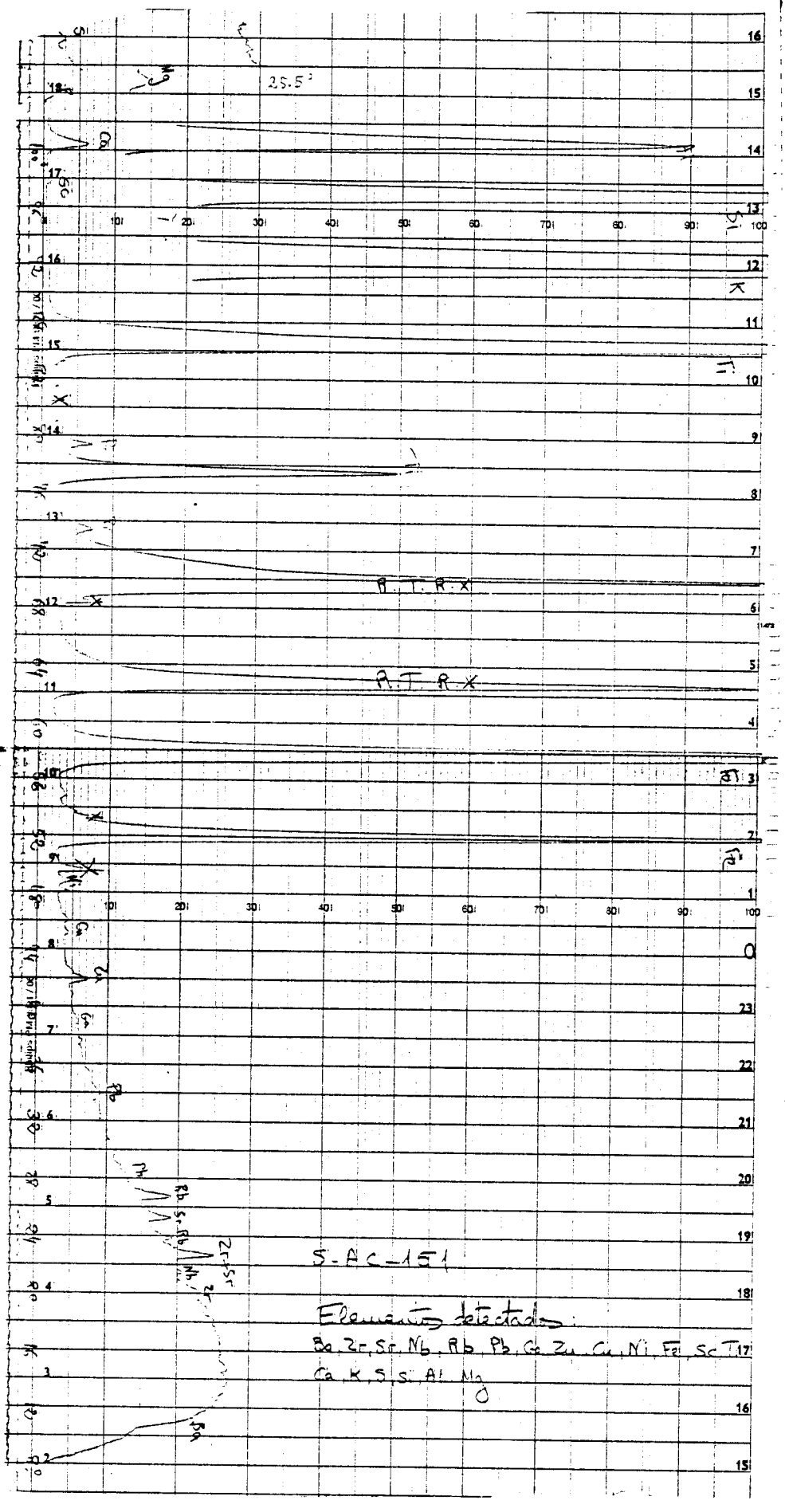
S-Ac-106
Elements identified:
Se-Zr-Sr-Rb-Pb-Cu-Zn-Cu-Mn-Fe-Co-Ti-
Sc-Ca-K-P-S-Si-Al-

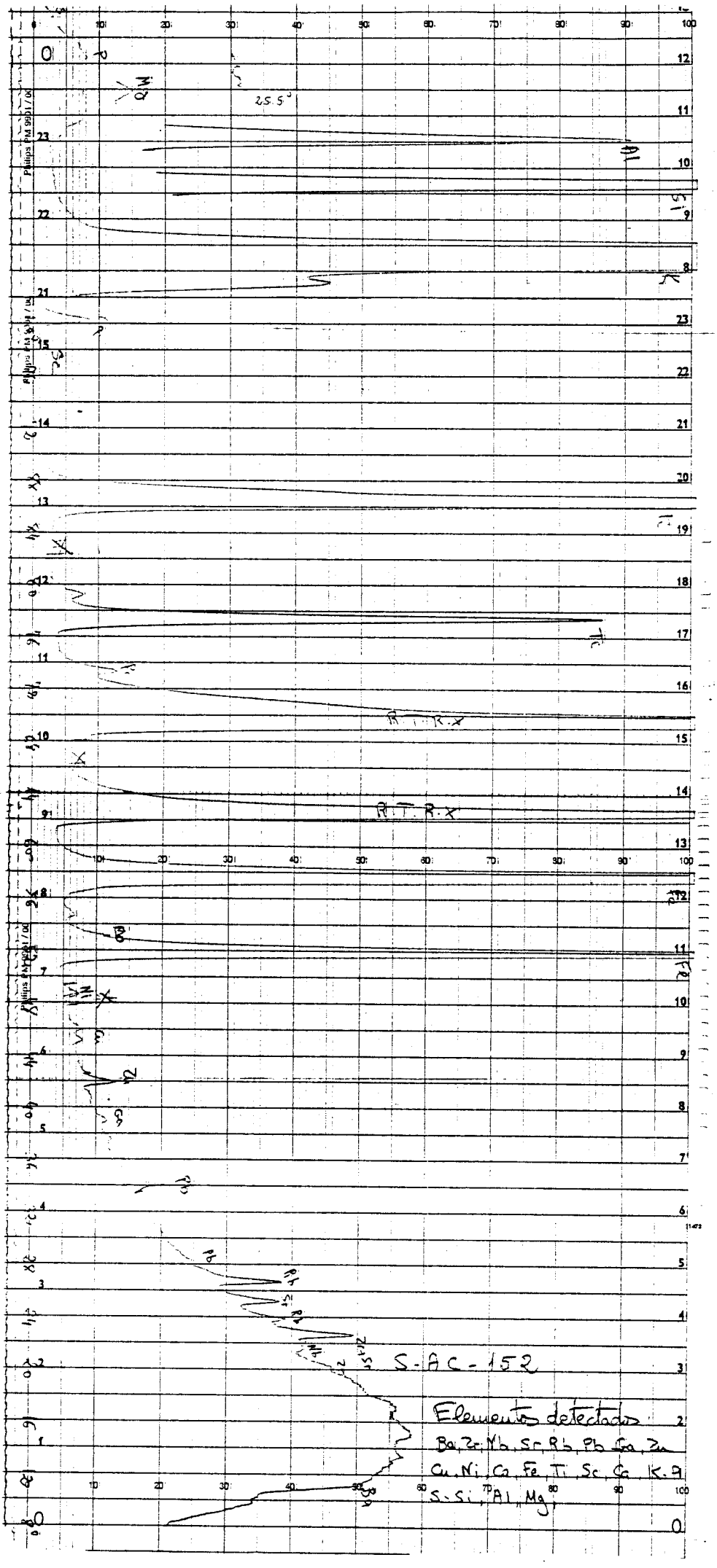

25.5°
S. AC - 148
Elementos detectados:
Ba, Sn, Sb, Zr, Nb, Sr, Rb
Pb, As, Ga, Zn, Cu, Ni, Fe
Ti, K, Ca, Sc, S, P, Si
Al, Mg

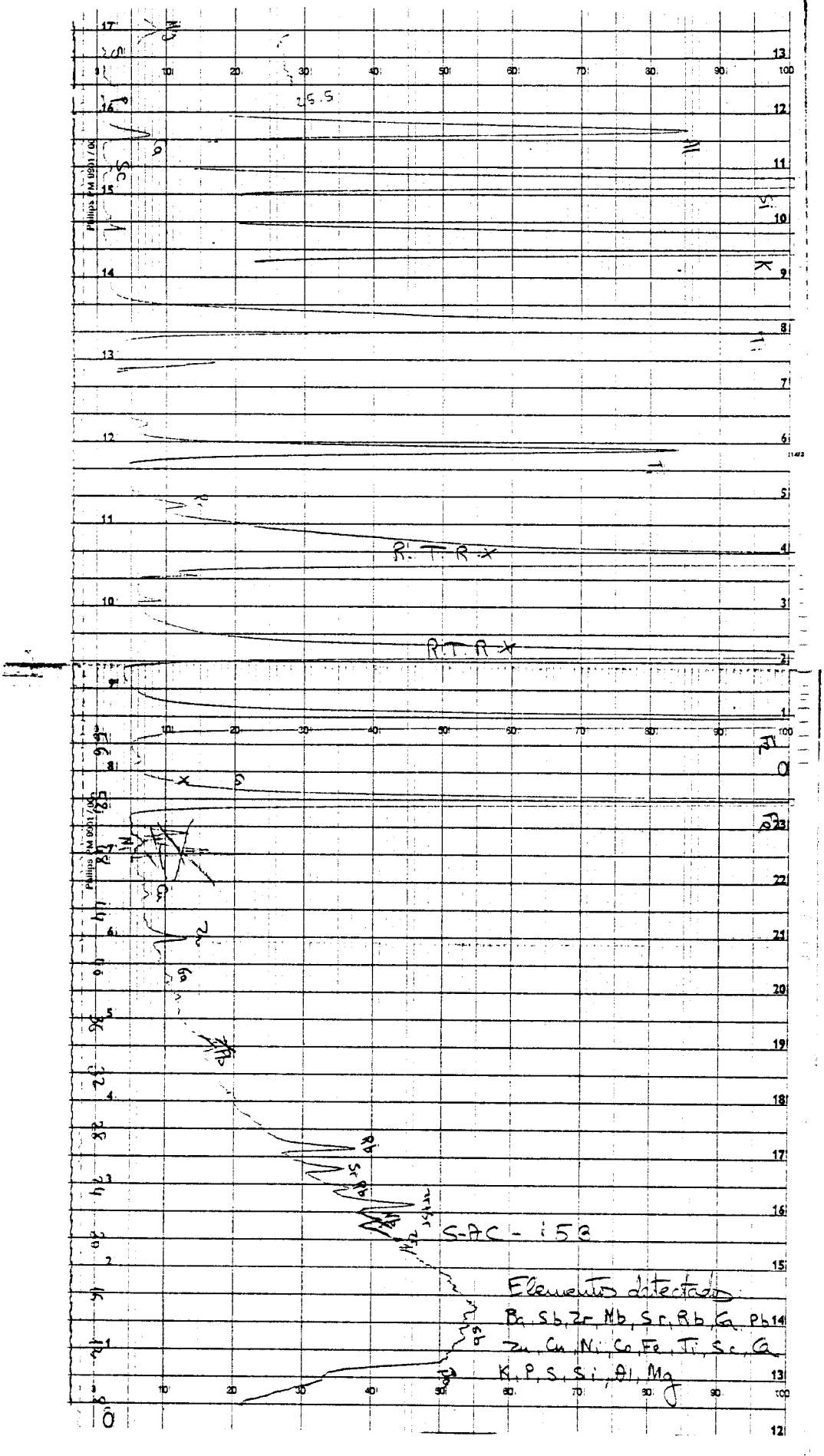


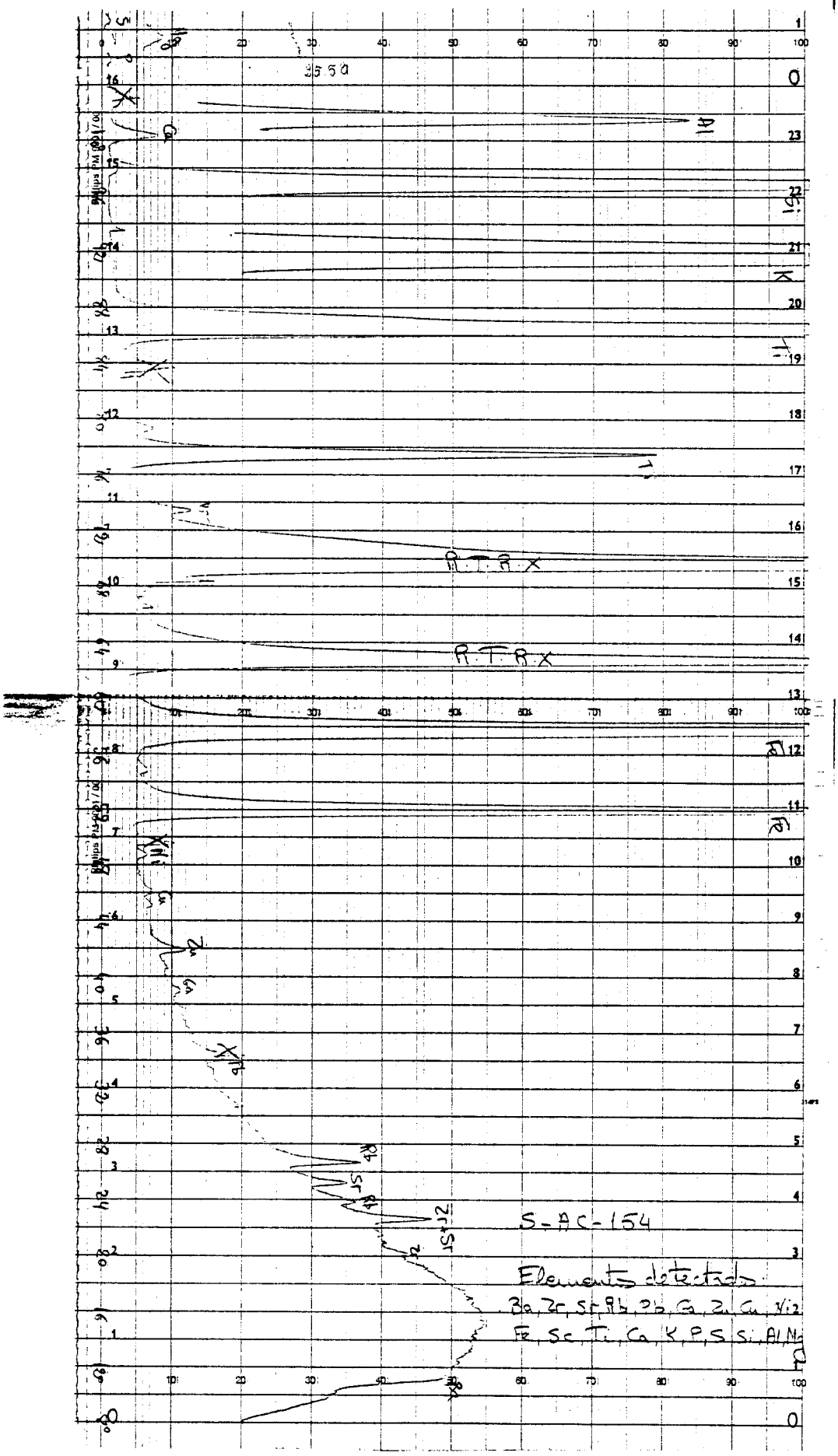
R.T.R.X
R.T.R.X
S-AC-149
Elementos detectados:
Ba, Pd, Ag, Zr, Sr, Rb, Pb, Br, Ga
Zn, Cu, Fe, Ni, Ti, Sc, Ca, K
P, S, Si, Al, Mg


R.T. R.X
R.T. R.X
SAC-150
Elementos detectados
Ba, Zr, Nb, Sr, Rb, Br, Pb
Ga, Zn, Cu, Ni, Fe, Co, Ti, Sc
Ca, K, P, S, Si, Al, Mg

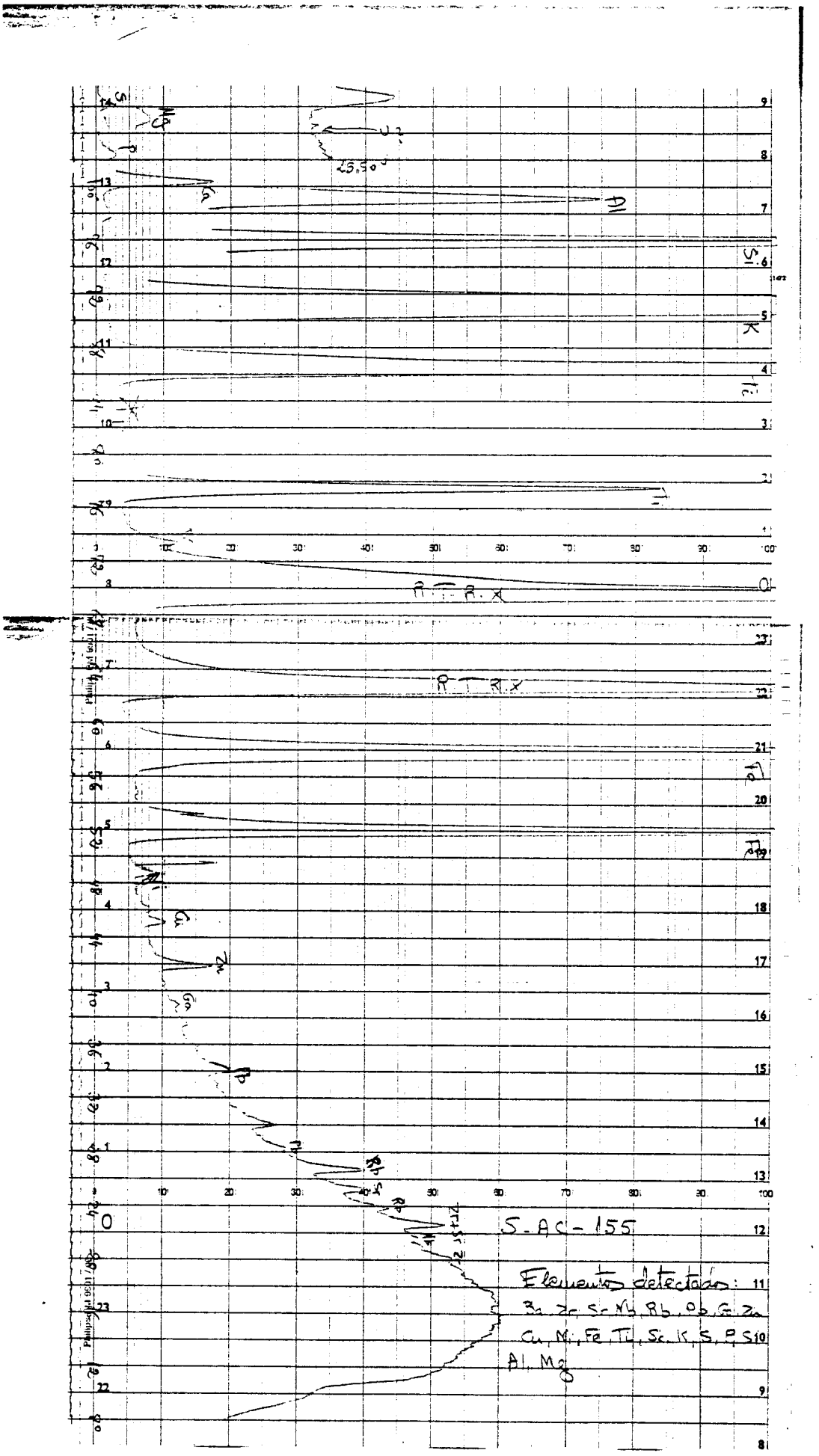

25.5°
A.T.R.X
A.T.R.X
S-AC-151
Elementos detectados:
Ba Zr Sr Nb Rb Pb Ga Zn Cu Ni Fe Sc Ti
Ca K S Si Al Mg
O


25.5°
R T R.X
R T R.X
S-AC-152
Elementos detectados
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn
Cu, Ni, Ca, Fe, Ti, Sc, Cs, K, P
S, Si, Al, Mg

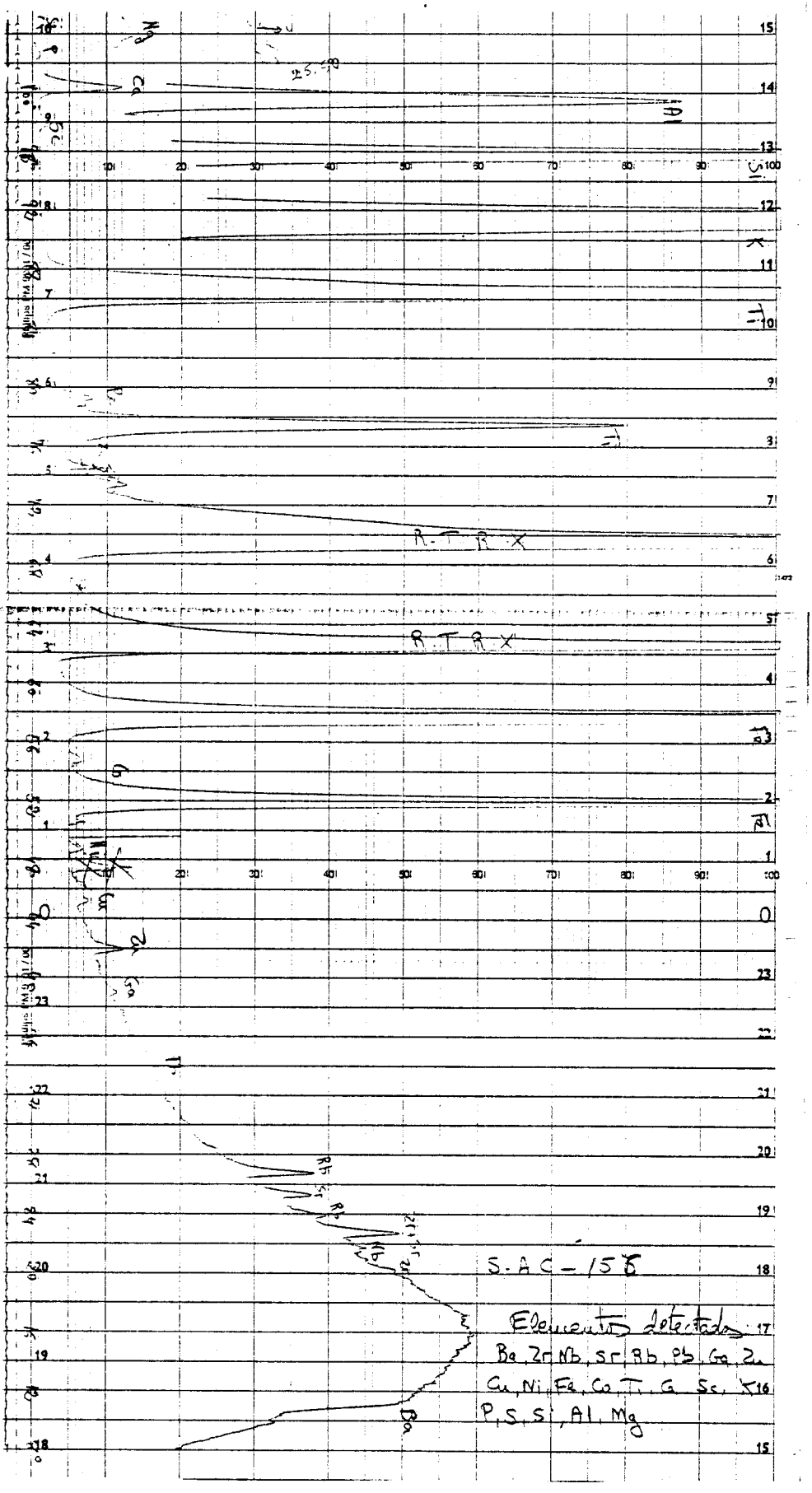

R. T. R. X
R. T. R. X
S-AC - 158
Elementos detectados
Ba, Sb, Zr, Nb, Sr, Rb, Ga, Pb
Zn, Cu, Ni, Co, Fe, Ti, Sc, Ca
K, P, S, Si, Al, Mg

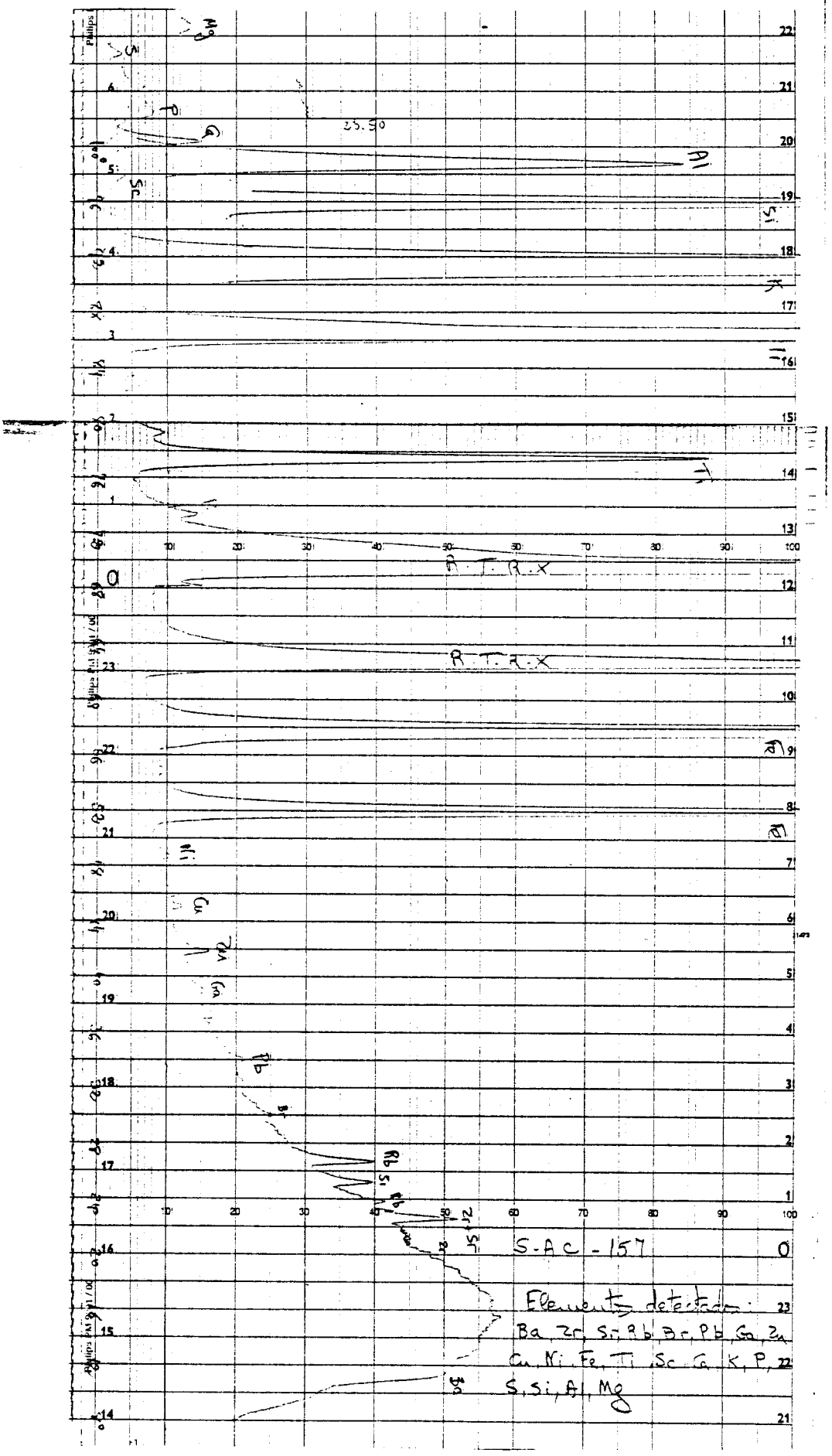


R.T.R.X
R.T.R.X
S-AC-154
Elements detectados
Ba, Zr, Sr, Rb, Pb, Ga, Zn, Cu, Ni
Fe, Sc, Ti, Ca, K, P, S, Si, Al, Mg

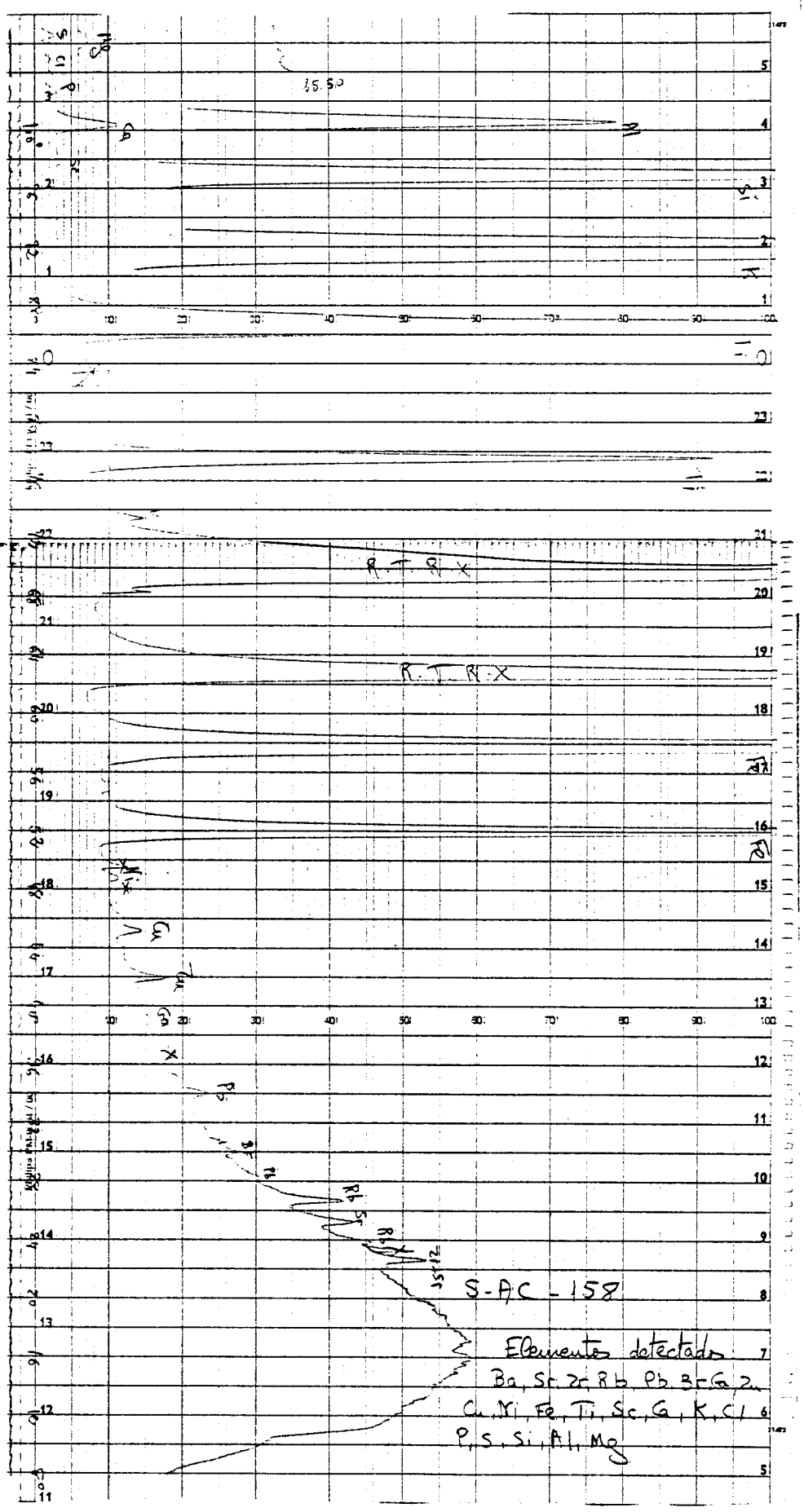


S-AC-155
Elementos detectados:
Ba, Zr, Sr, Nb, Rb, Pb, Ga, Zn
Cu, Ni, Fe, Ti, Sc, K, S, P, Si
Al, Mg
R.T.R.X
R.T.R.X

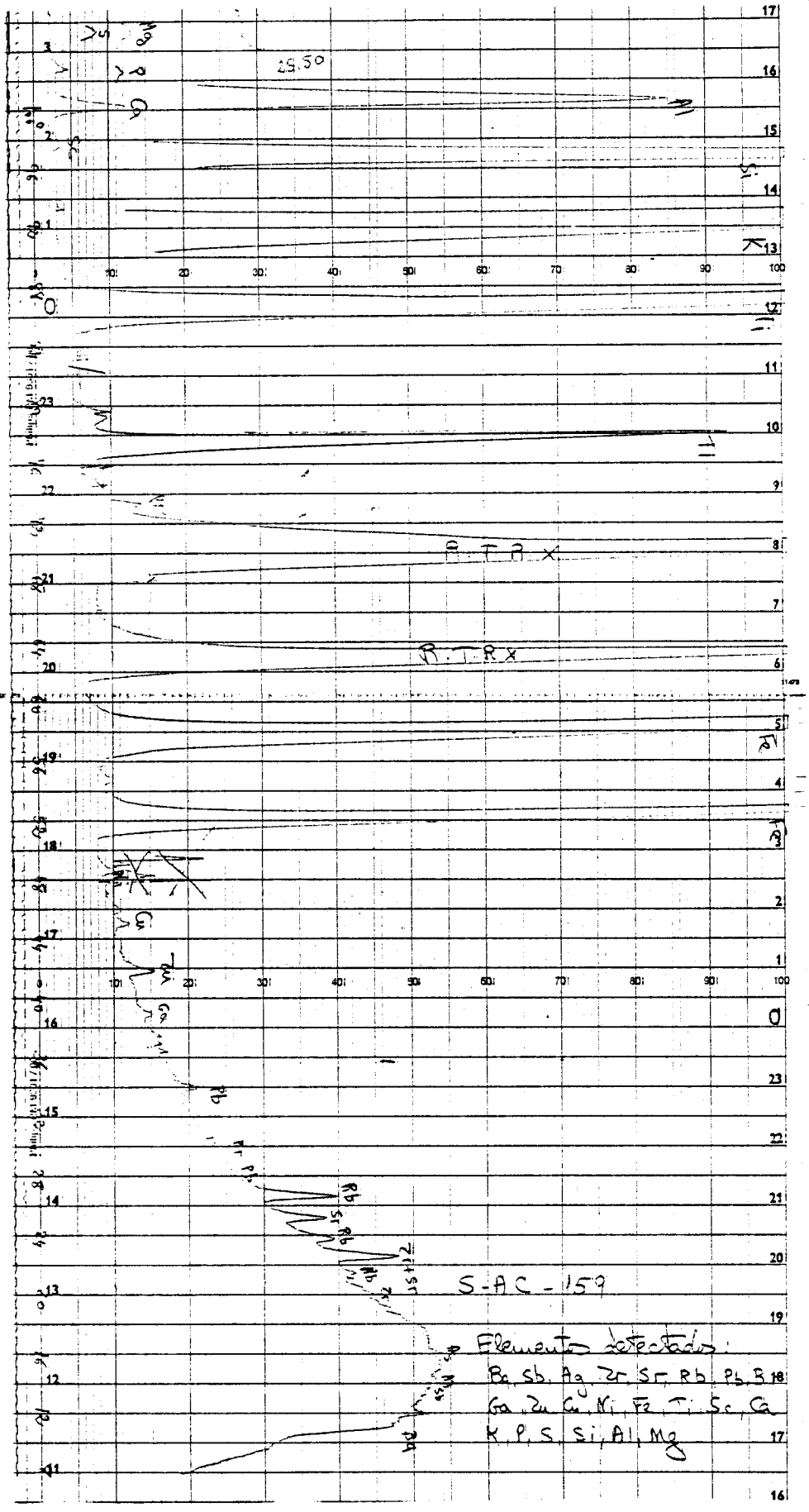

S.A.C – 15 b
Elementos detectados
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn,
Cu, Ni, Fe, Co, Ti, Ca, Sc, K
P, S, Si, Al, Mg

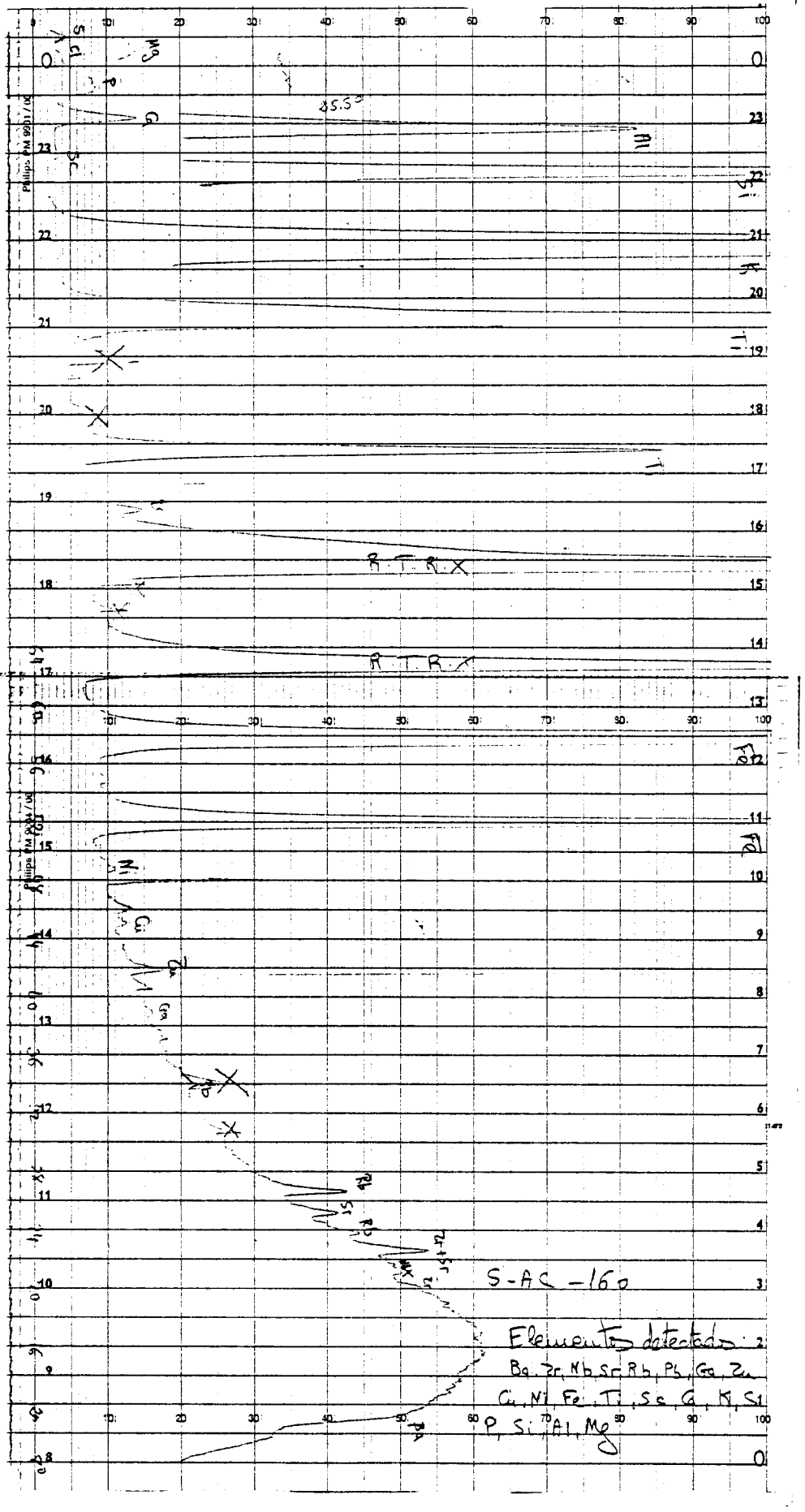


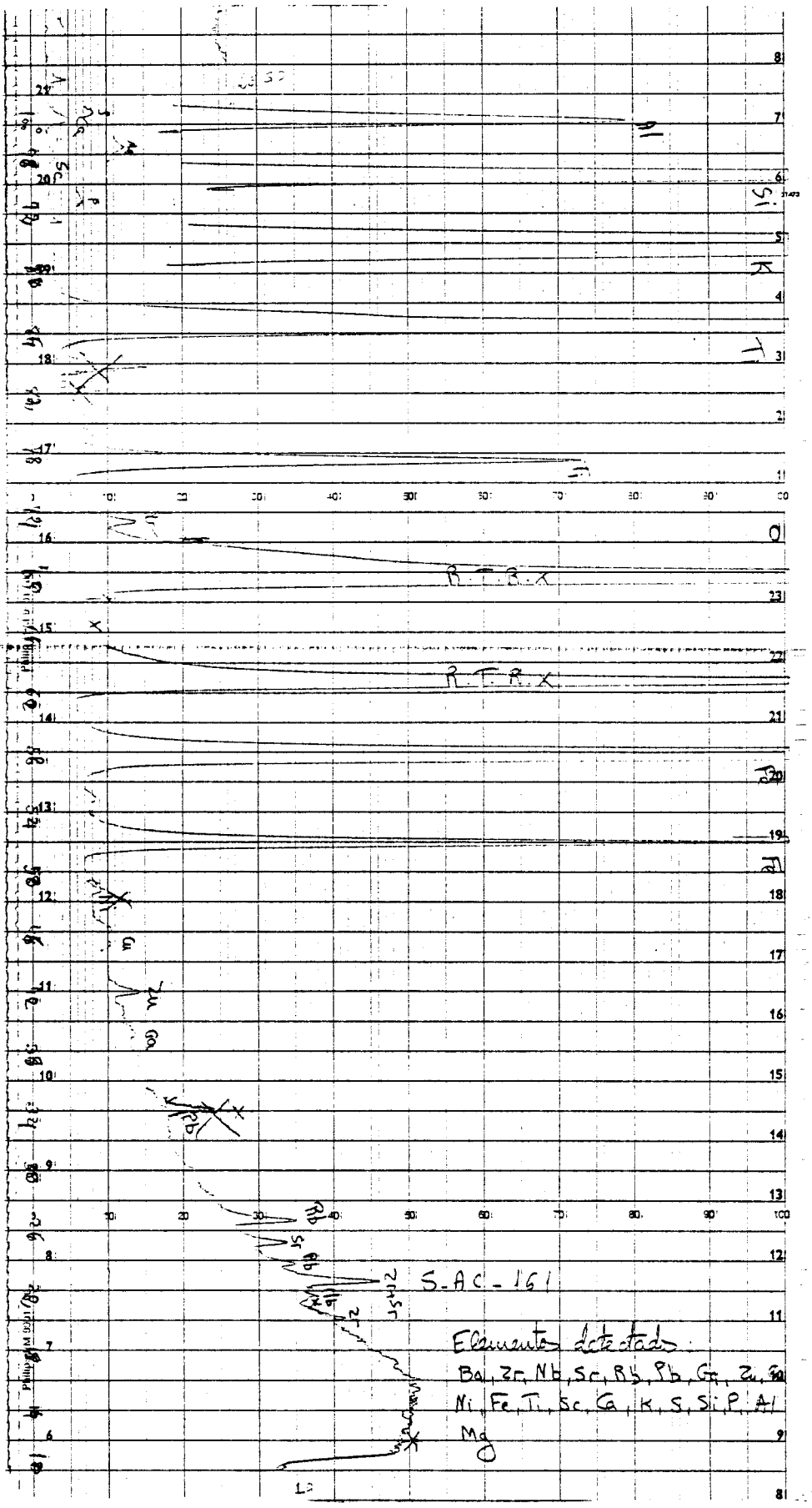
Mg
S
P
Ga
Al
Sc
Si
K
Ti
Fe
Ba
Ni
Cu
Zn
Pb
Br
Rb
Sr
Zr
R.T.R.X
R.T.R.X
25.50
S-AC-157
Elementos detectados:
Ba, Zr, Sr, Rb, Br, Pb, Ga, Zn
Cu, Ni, Fe, Ti, Sc, Ca, K, P,
S, Si, Al, Mg

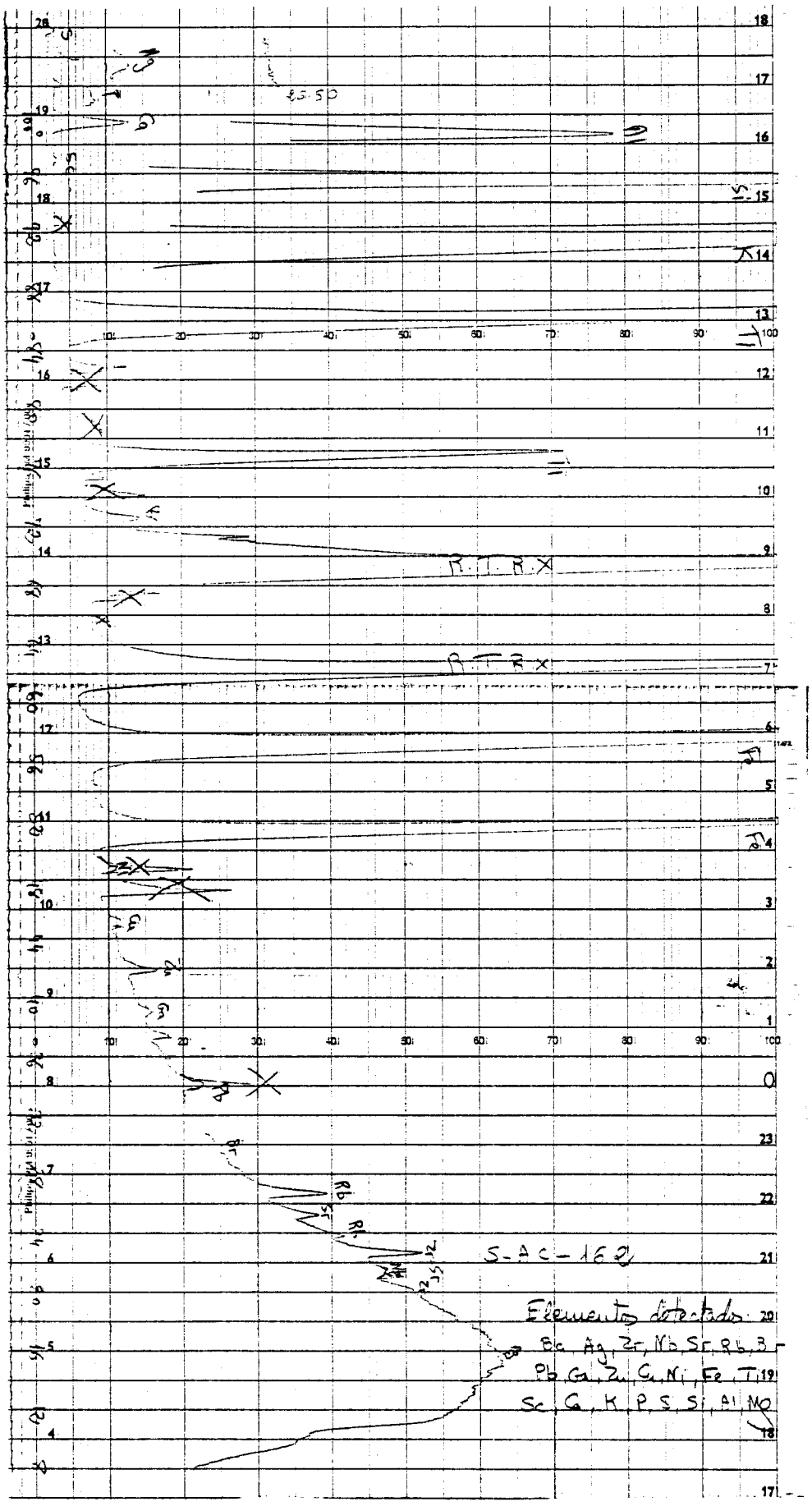


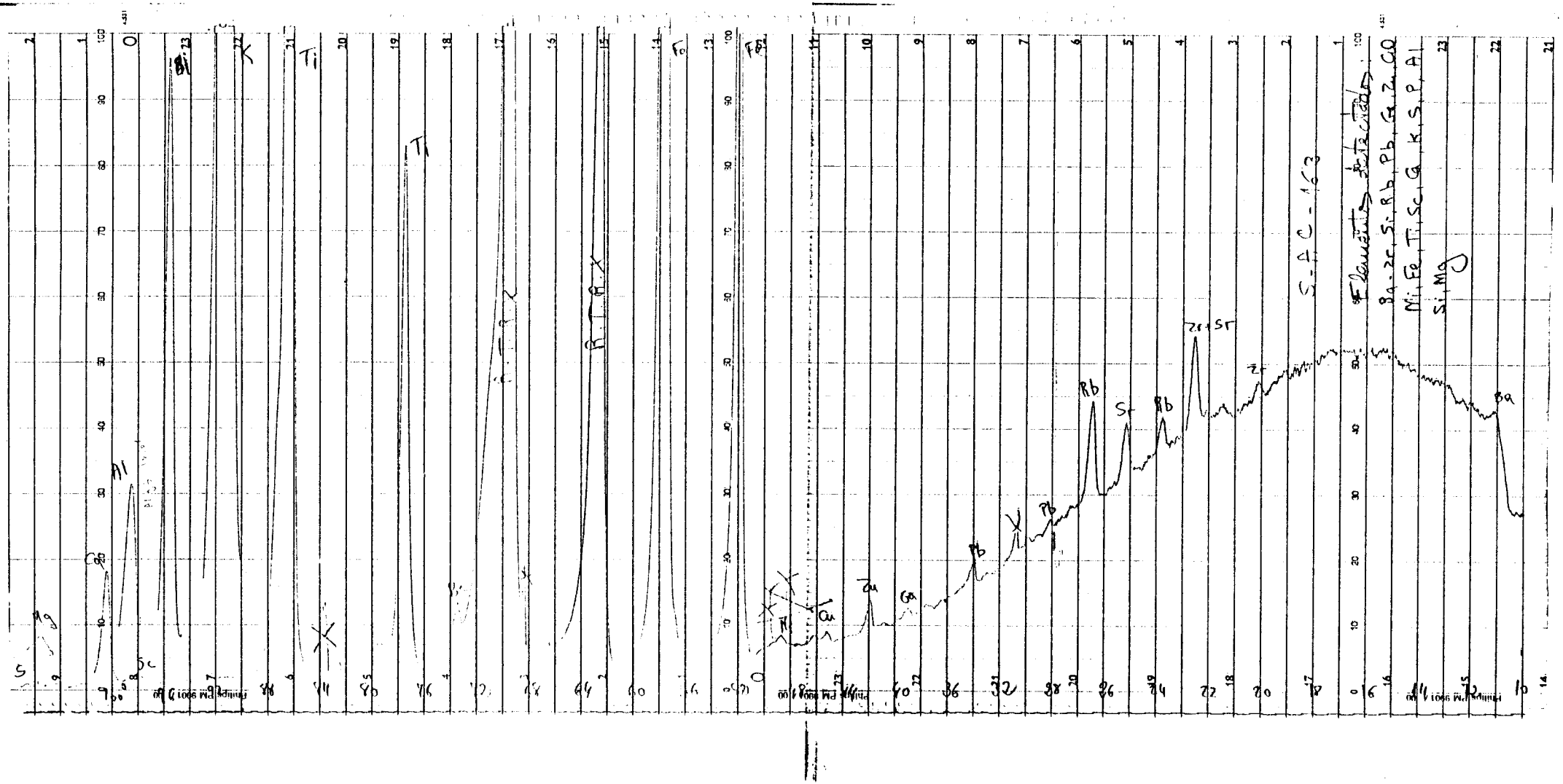
15.50
R.T.R.X
R.T.R.X
S-AC-158
Elementos detectados:
Ba, Sr, Zr, Rb, Pb, Br, Ga, Zn
Cu, Ni, Fe, Ti, Sc, Ca, K, Cl
P, S, Si, Al, Mg

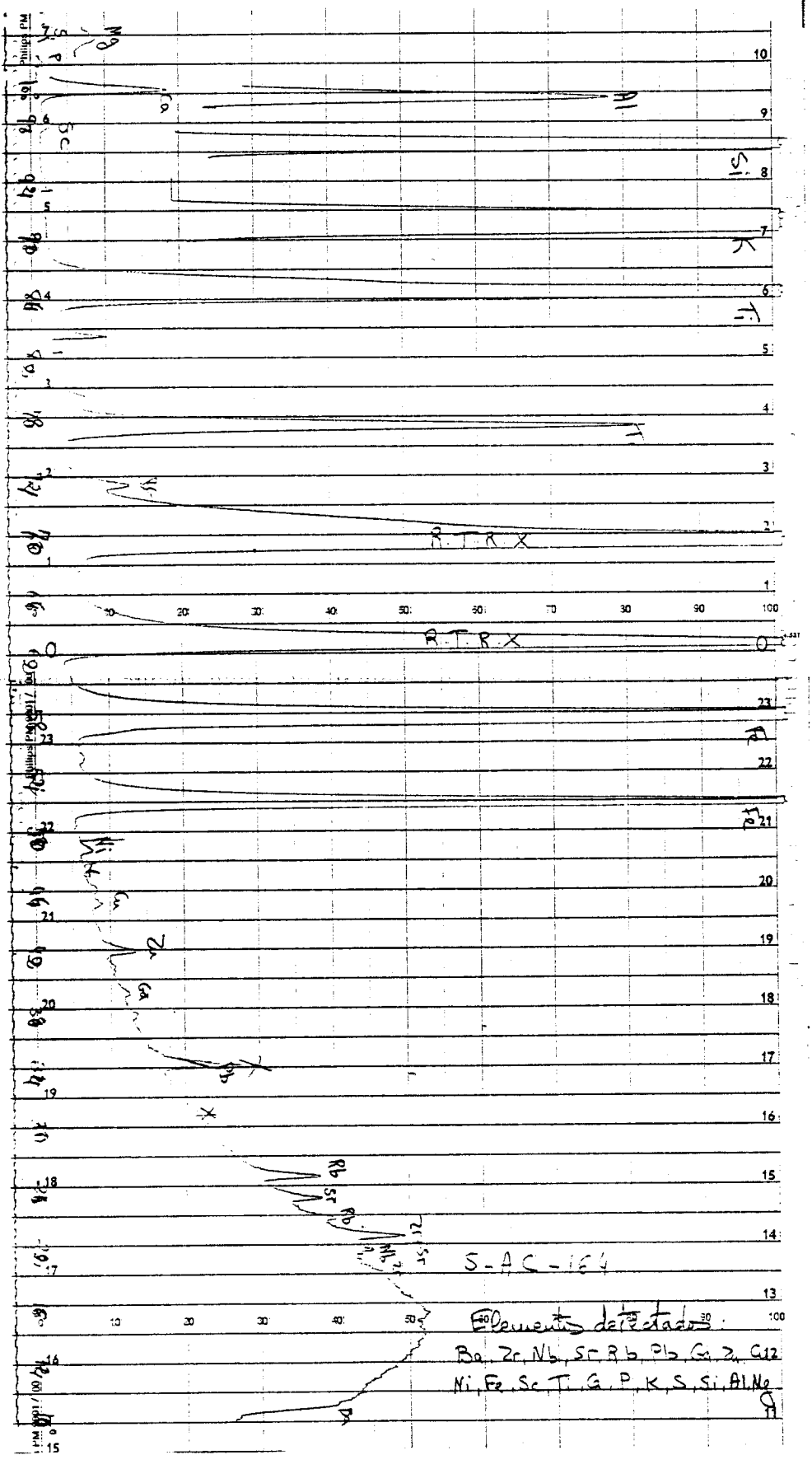

29.50
S-AC-159
Elementos detectados:
Ba, Sb, Ag, Zr, Sr, Rb, Pb, B
Ga, Zn, Cu, Ni, Fe, Ti, Sc, Ca
K, P, S, Si, Al, Mg

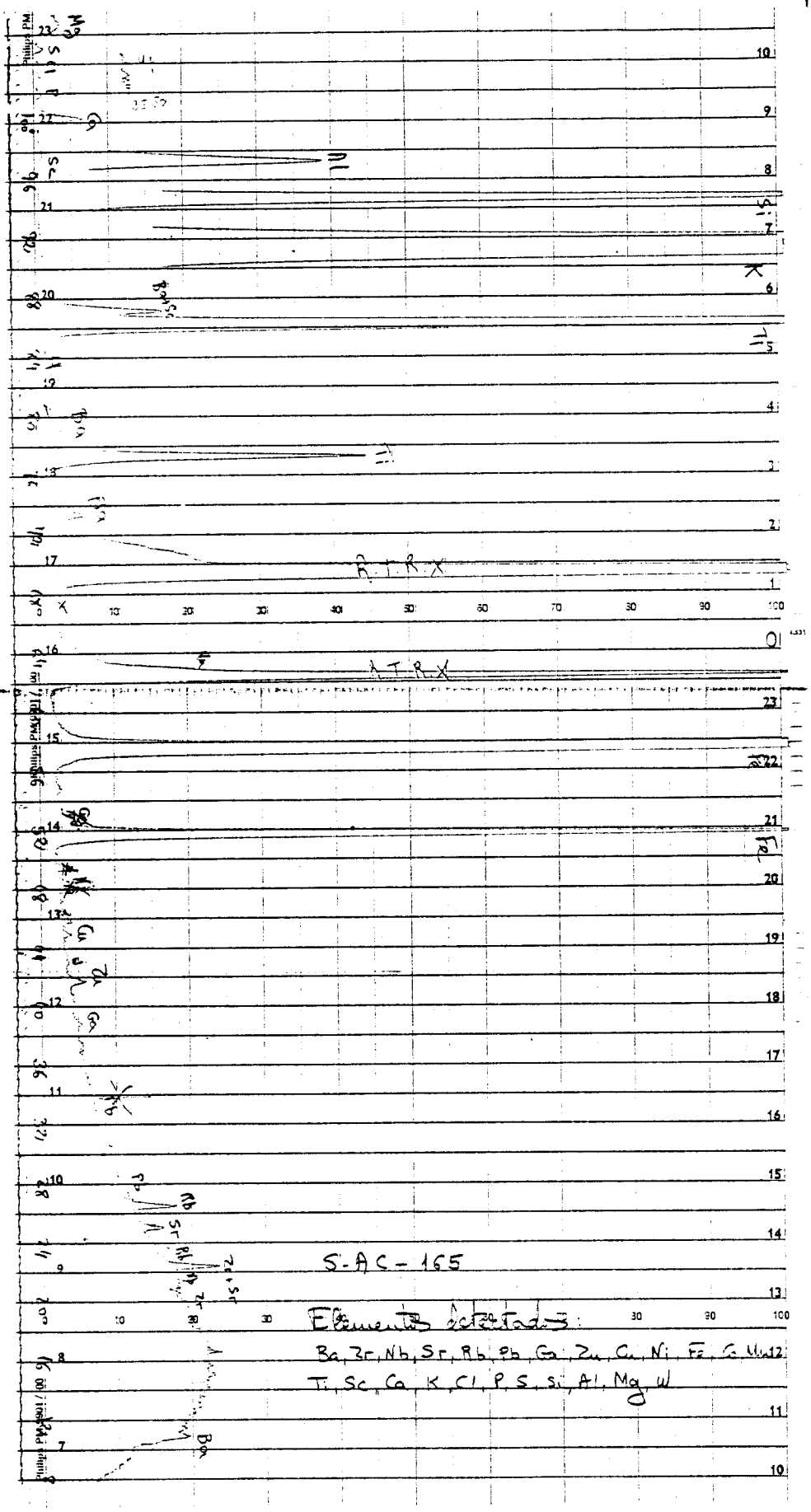

S-AC-160
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn
Cu, Ni, Fe, Ti, S, Ca, K, Si
P, Si, Al, Mg

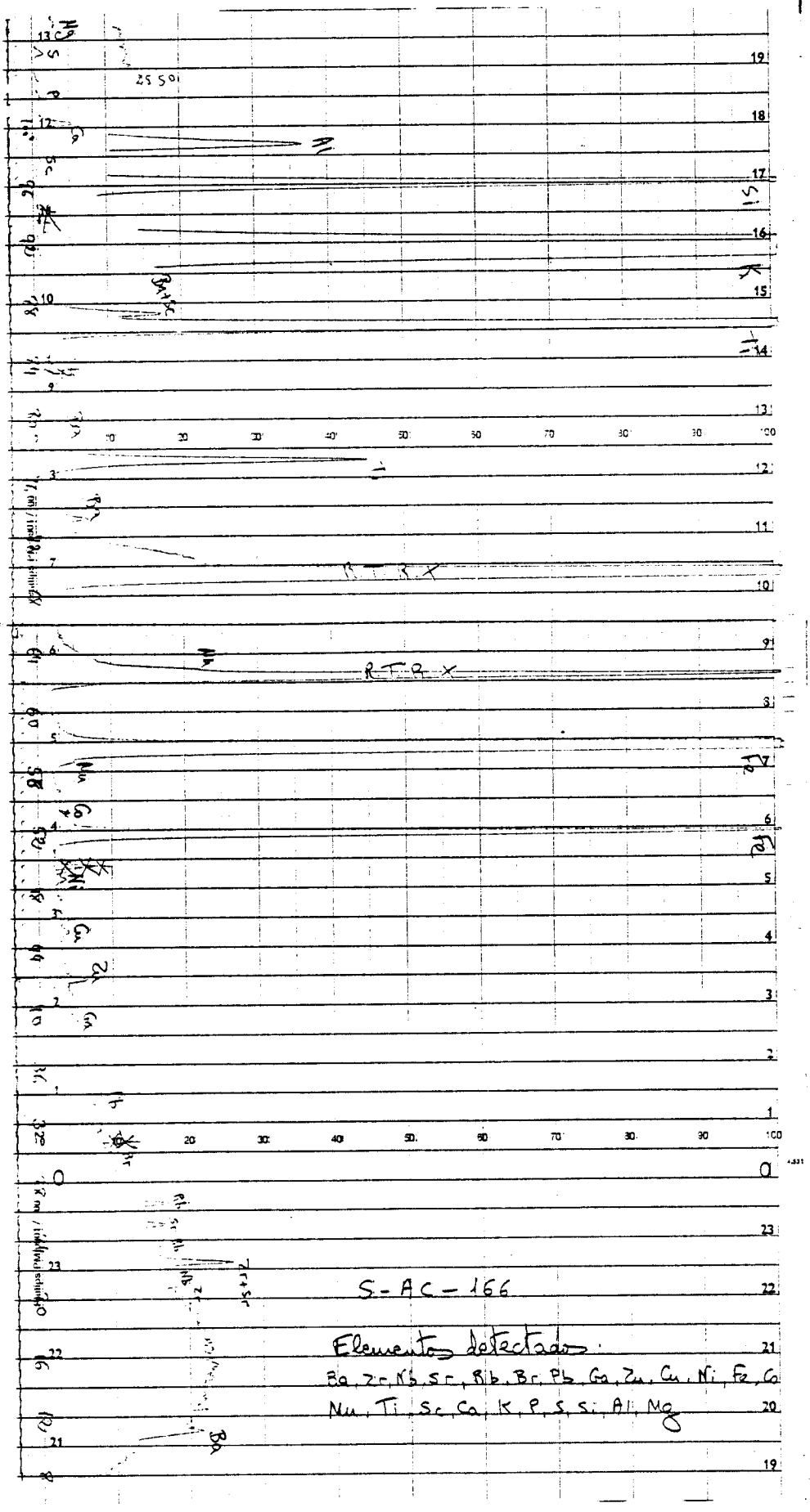

R.T.R.X
R.T.R.X
S-AC-161
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu
Ni, Fe, Ti, Sc, Ca, K, S, Si, P, Al
Mg

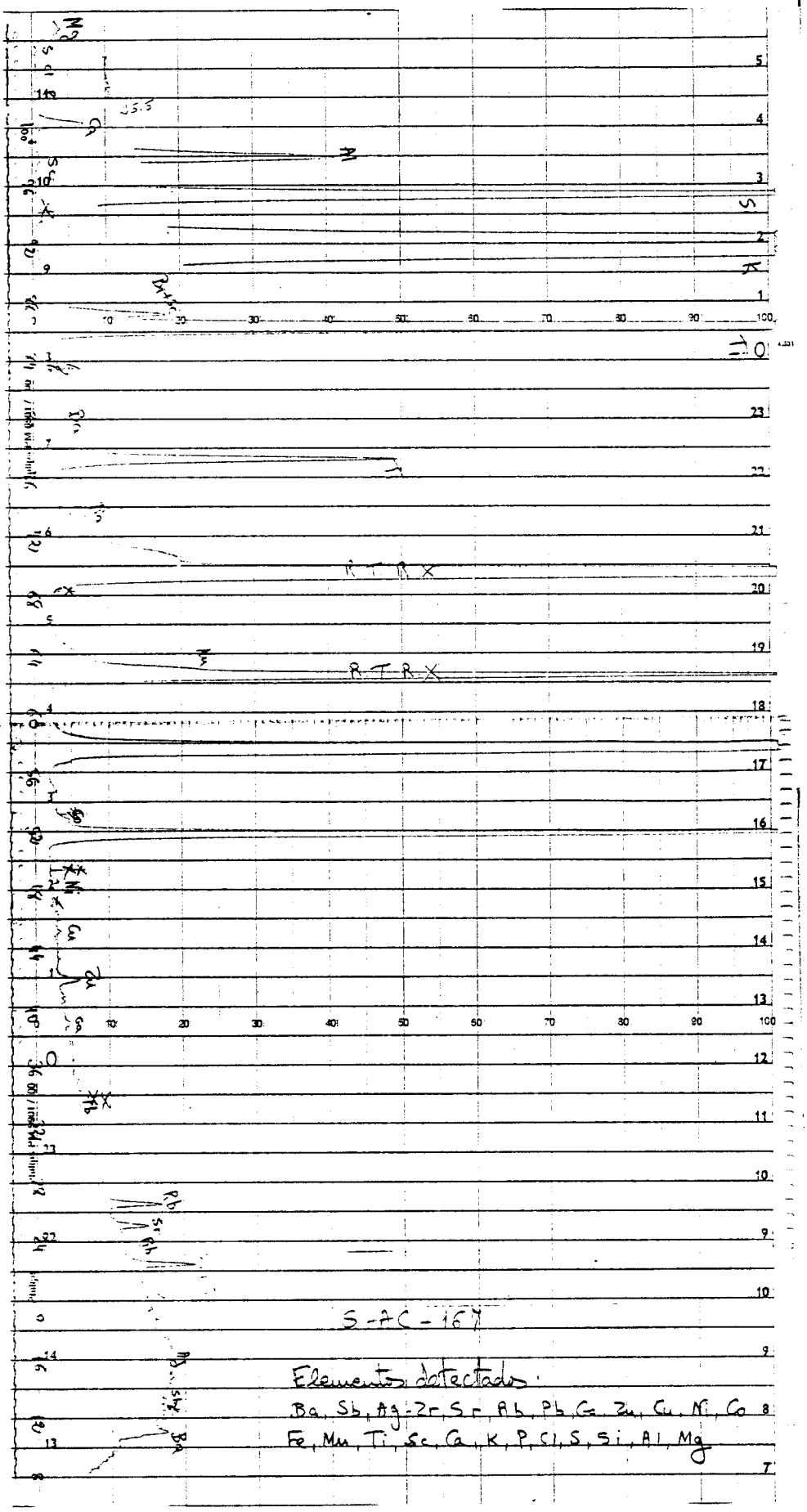

R.T.R.X
R.T.R.X
S-AC-162
Elementos detectados:
Ba, Ag, Zr, Nb, Sr, Rb, Br
Pb, Ga, Zn, Cu, Ni, Fe, Ti
Sc, Ca, K, P, S, Si, Al, Mo

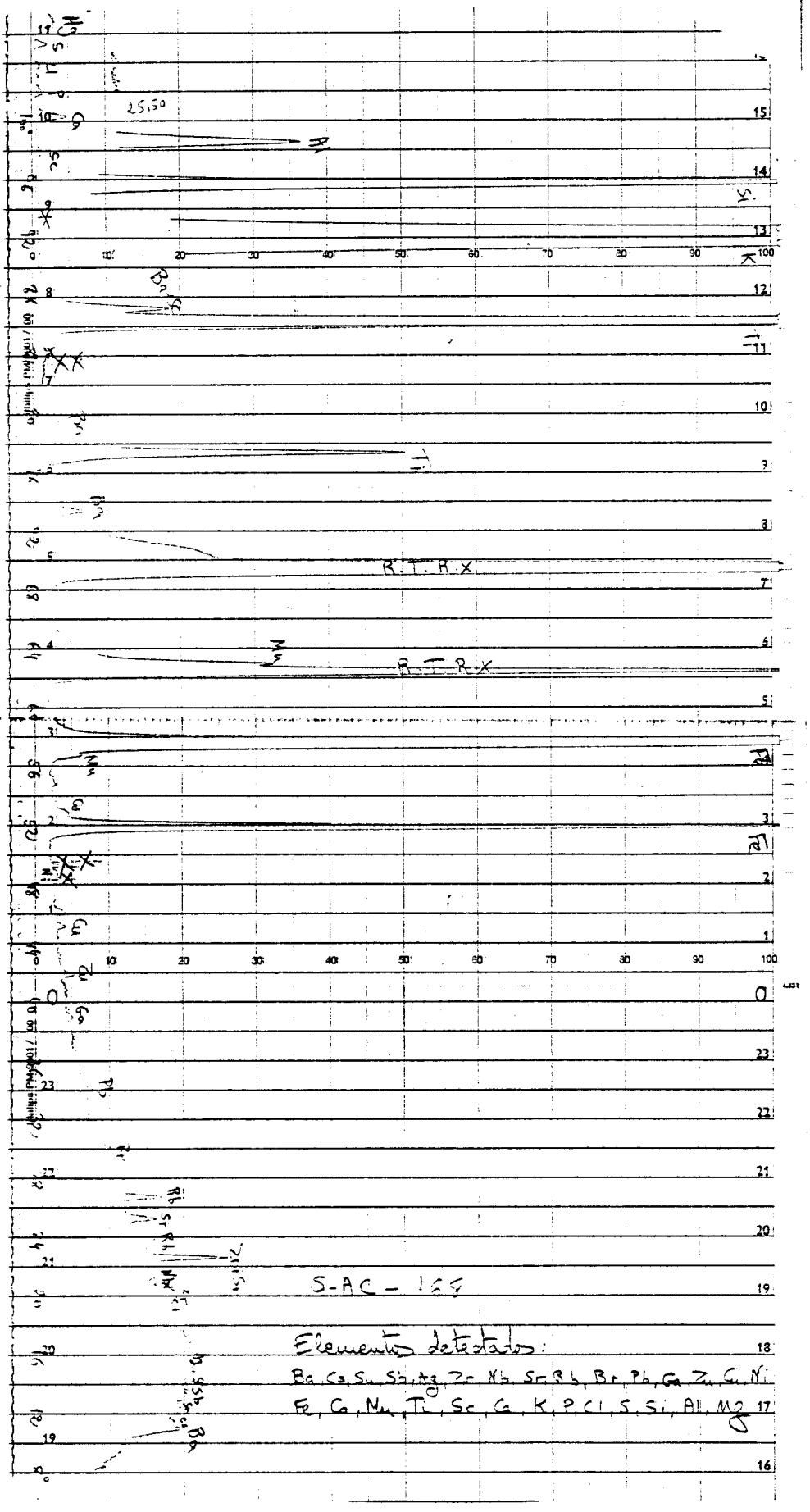

Elements detected
Ba, Zr, Sr, Rb, Pb, Ga, Zn, Cu
Ni, Fe, Ti, Sc, Ca, K, S, P, Al
Si, Mg
S-A-C-163


RTRX
RTRX
S-AC-164
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Cu, Zn, Cl2
Ni, Fe, Sc, Ti, Ca, P, K, S, Si, Al, Mg


S-AC-165
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, U
Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg, W

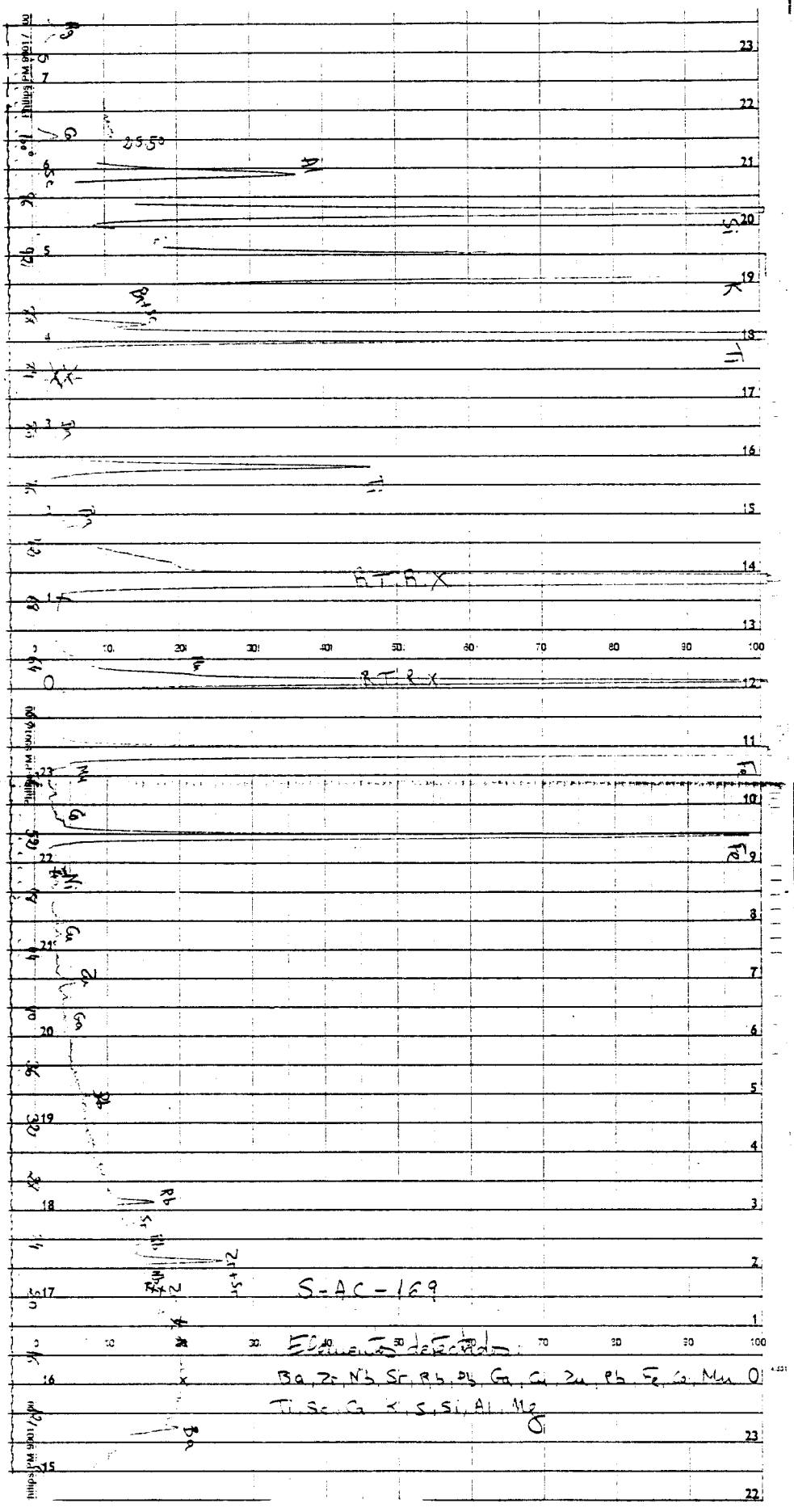

S-AC-166
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

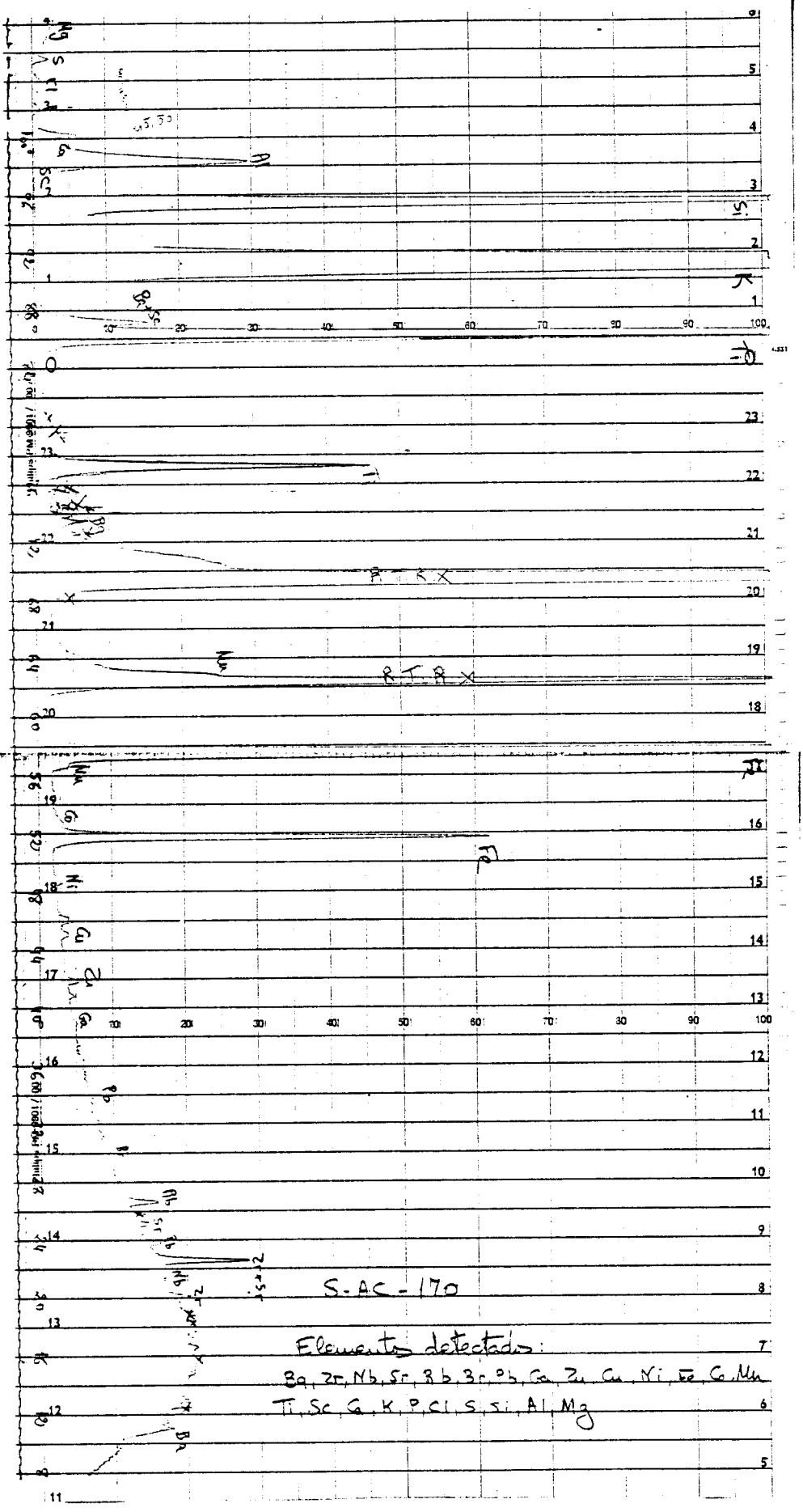

S-AC-167
Elementos detectados:
Ba, Sb, Ag, Zr, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Co
Fe, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

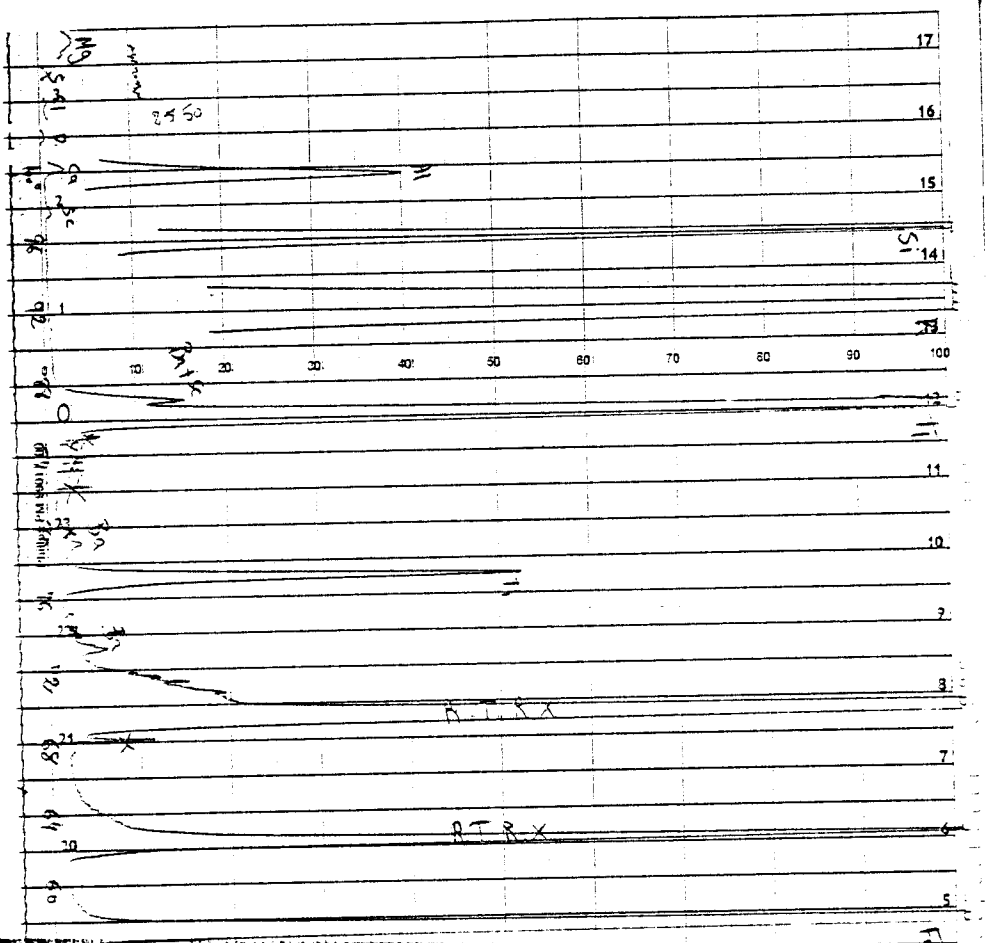


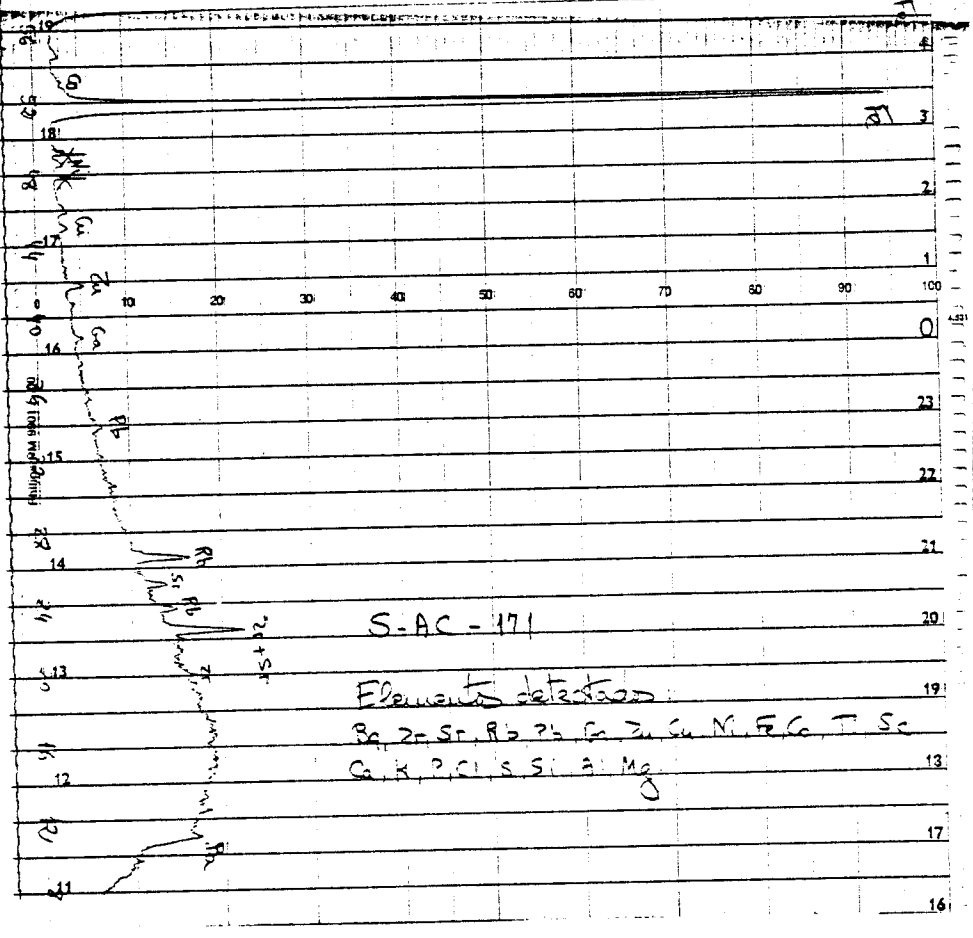
Elementos detectados:

Ba, Cs, Sn, Sb, Ag, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni,
Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


RTRX
RTRX
S-AC-169
Elements detected:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Cu, Zn, Pb, Fe, Co, Mn, O
Ti, Sc, Ca, K, S, Si, Al, Mg


S-AC-170
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg



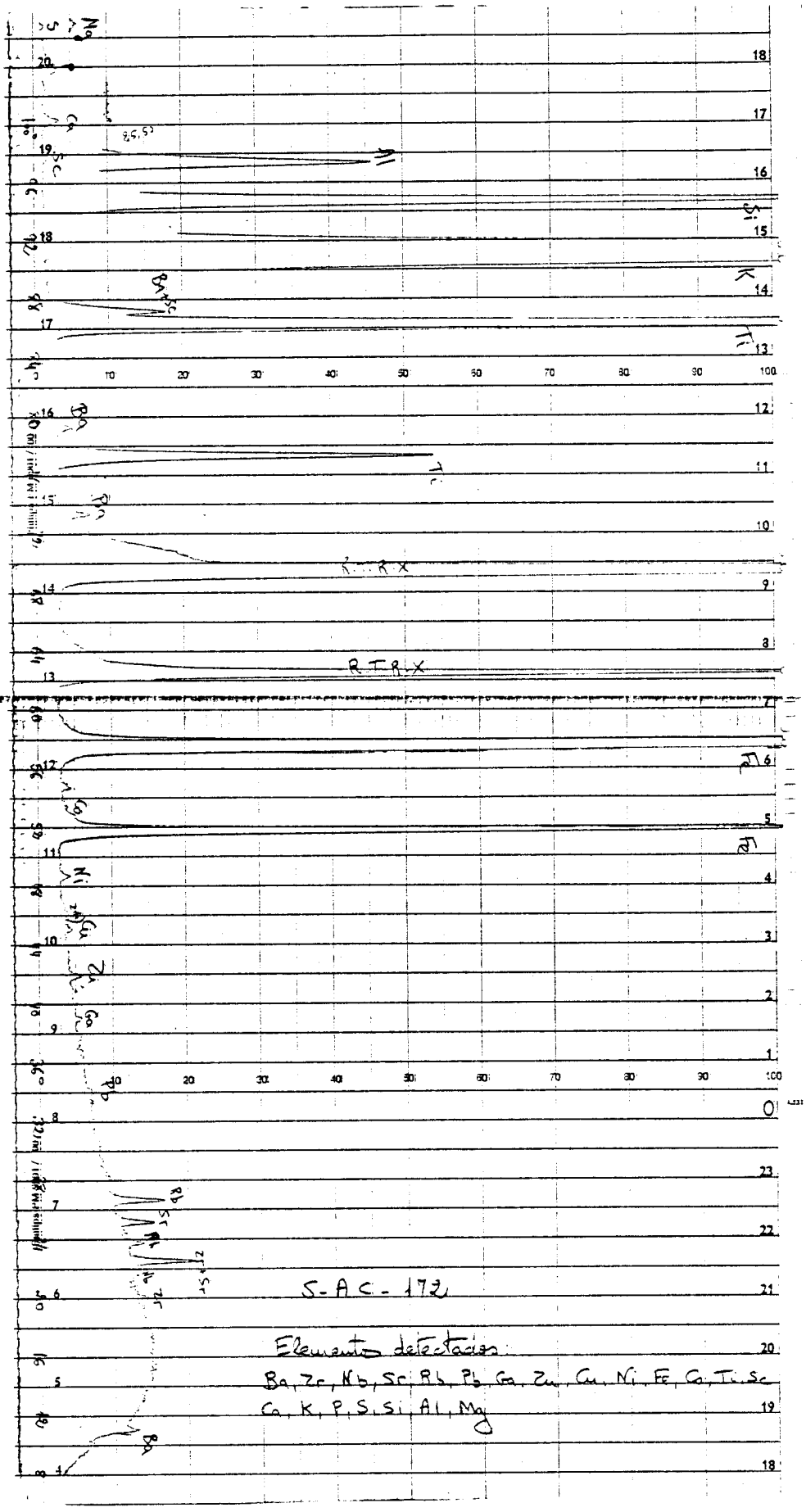


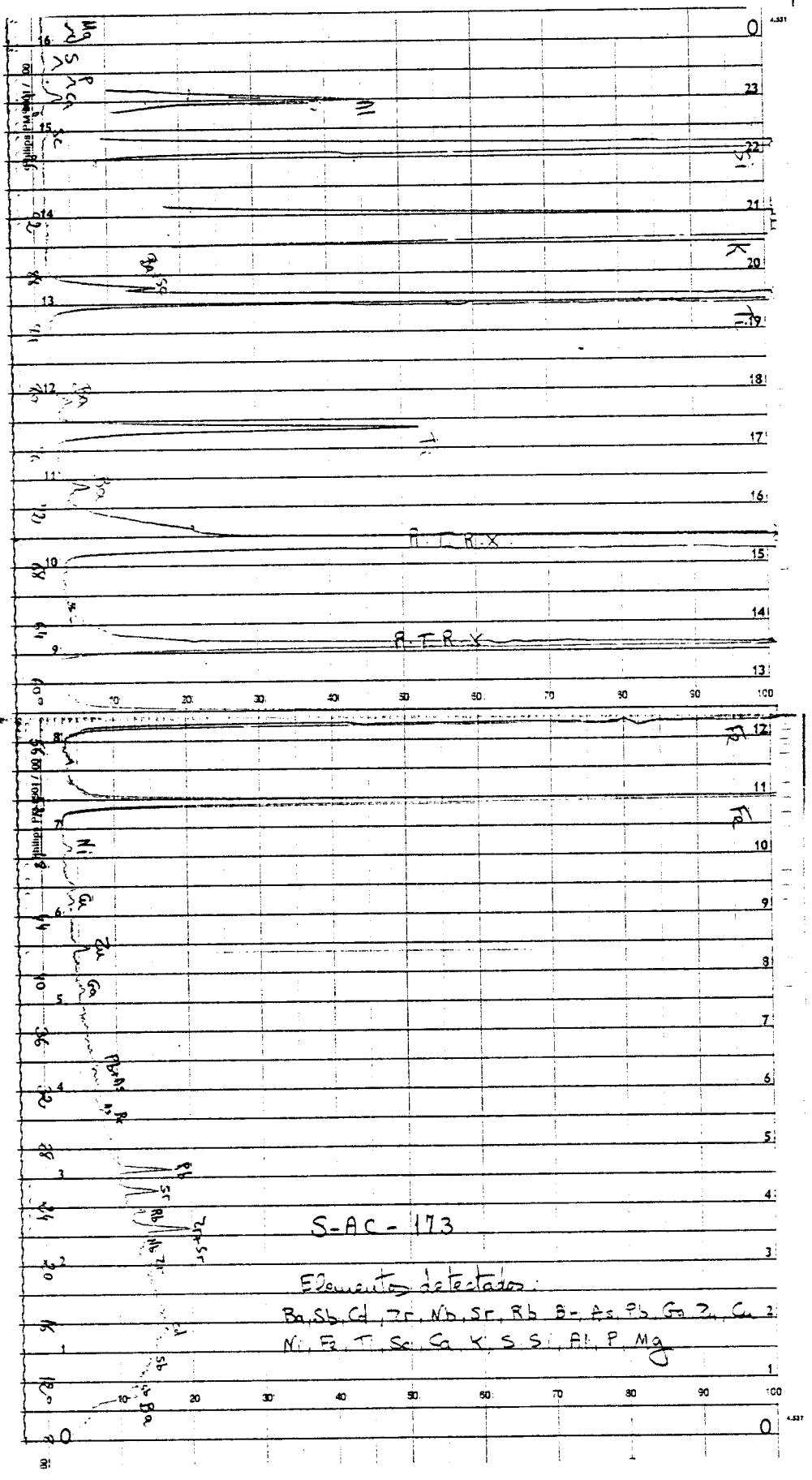
S-AC-171

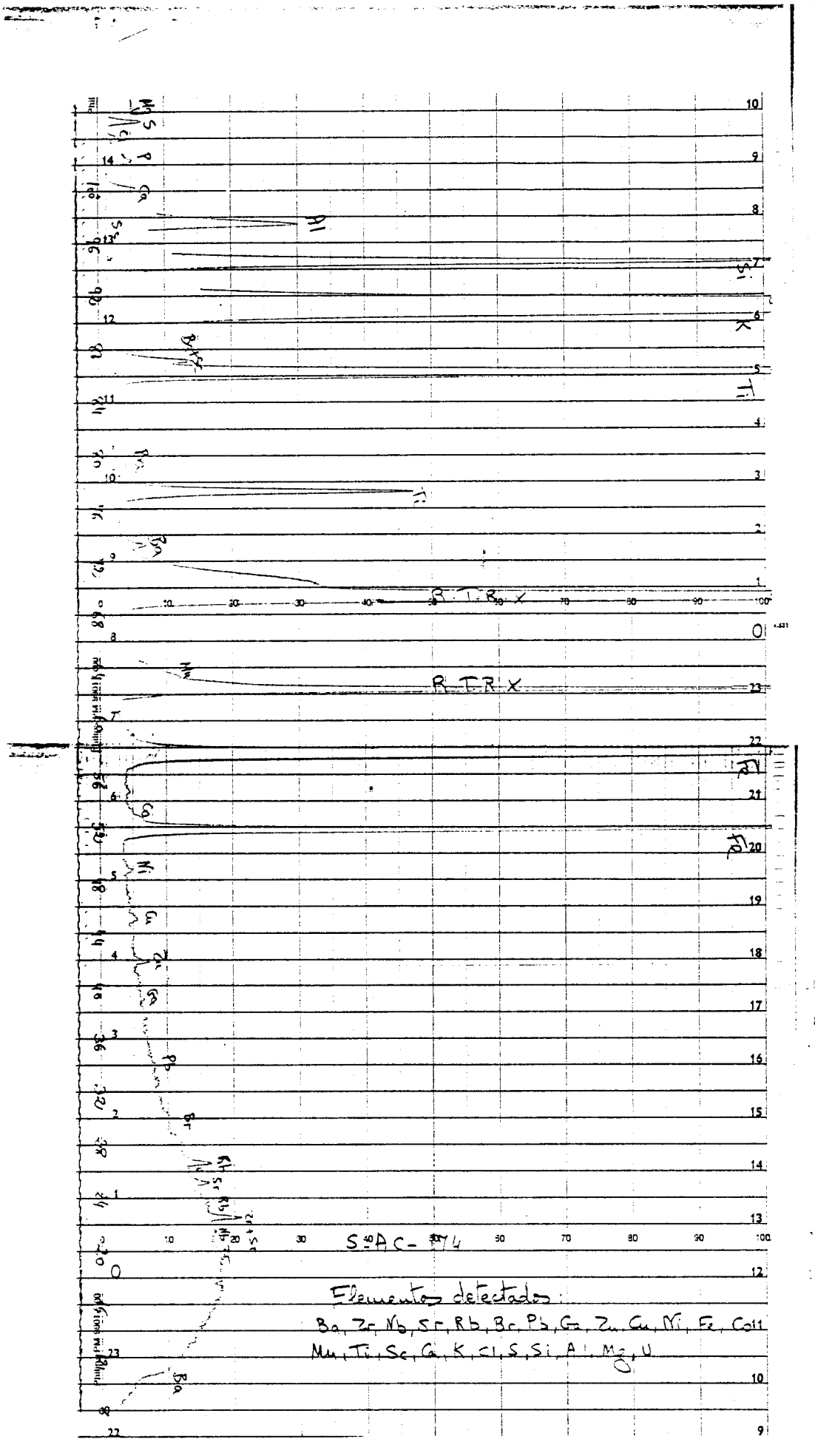
Elementos detectados:

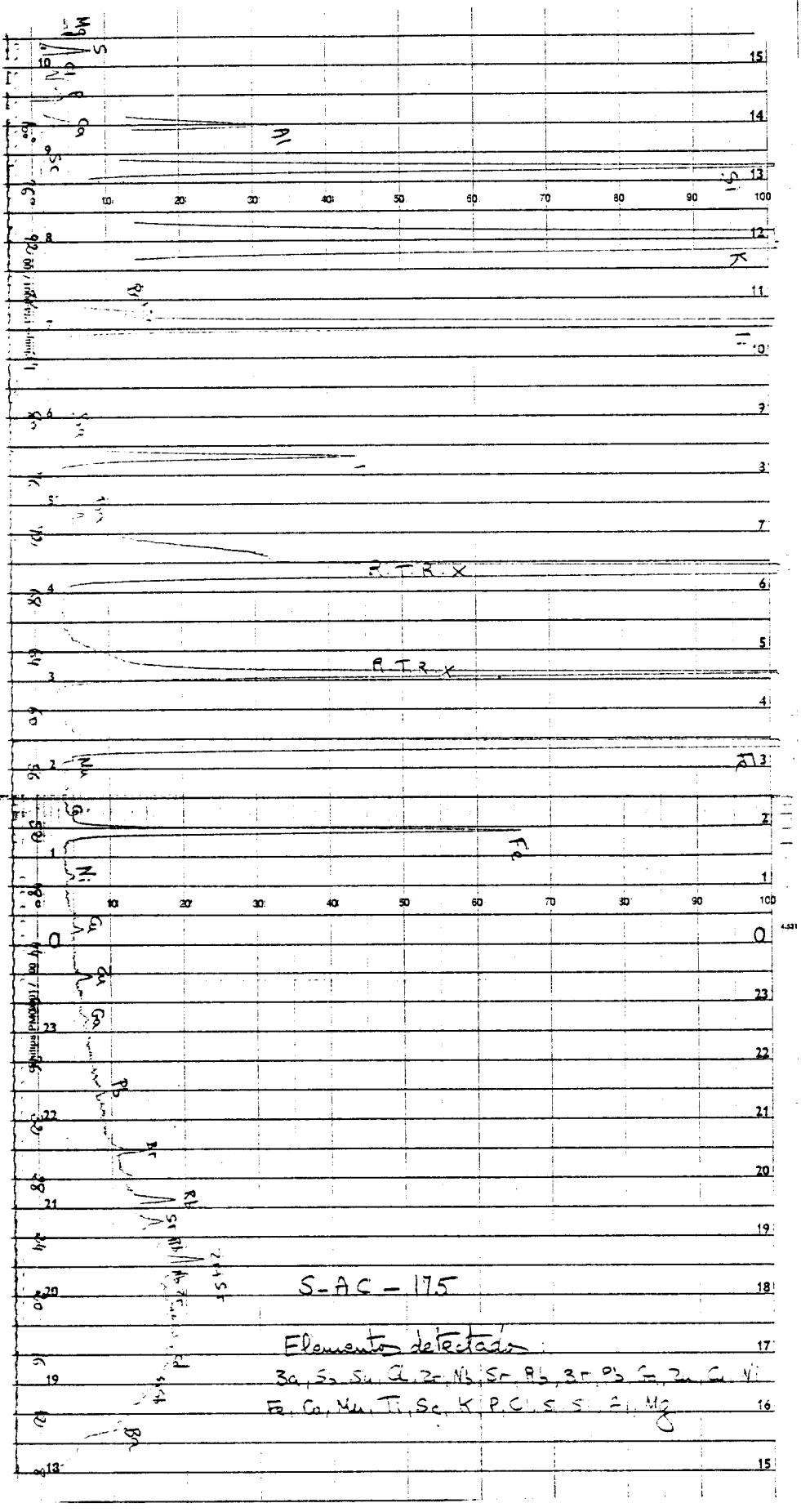
Ba, Zr, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Ti, Sc

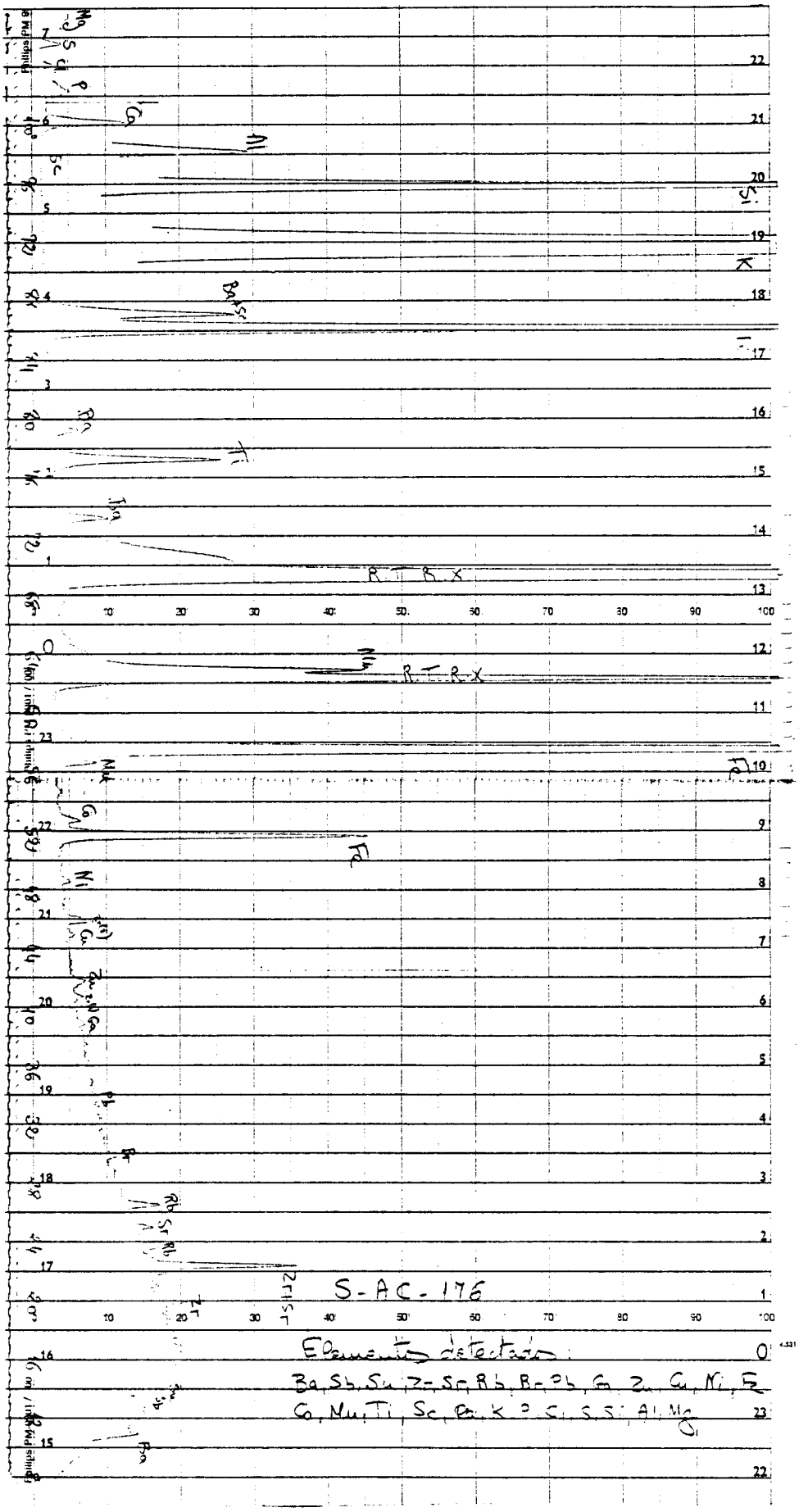
Ca, K, P, Cl, S, Si, Al, Mg

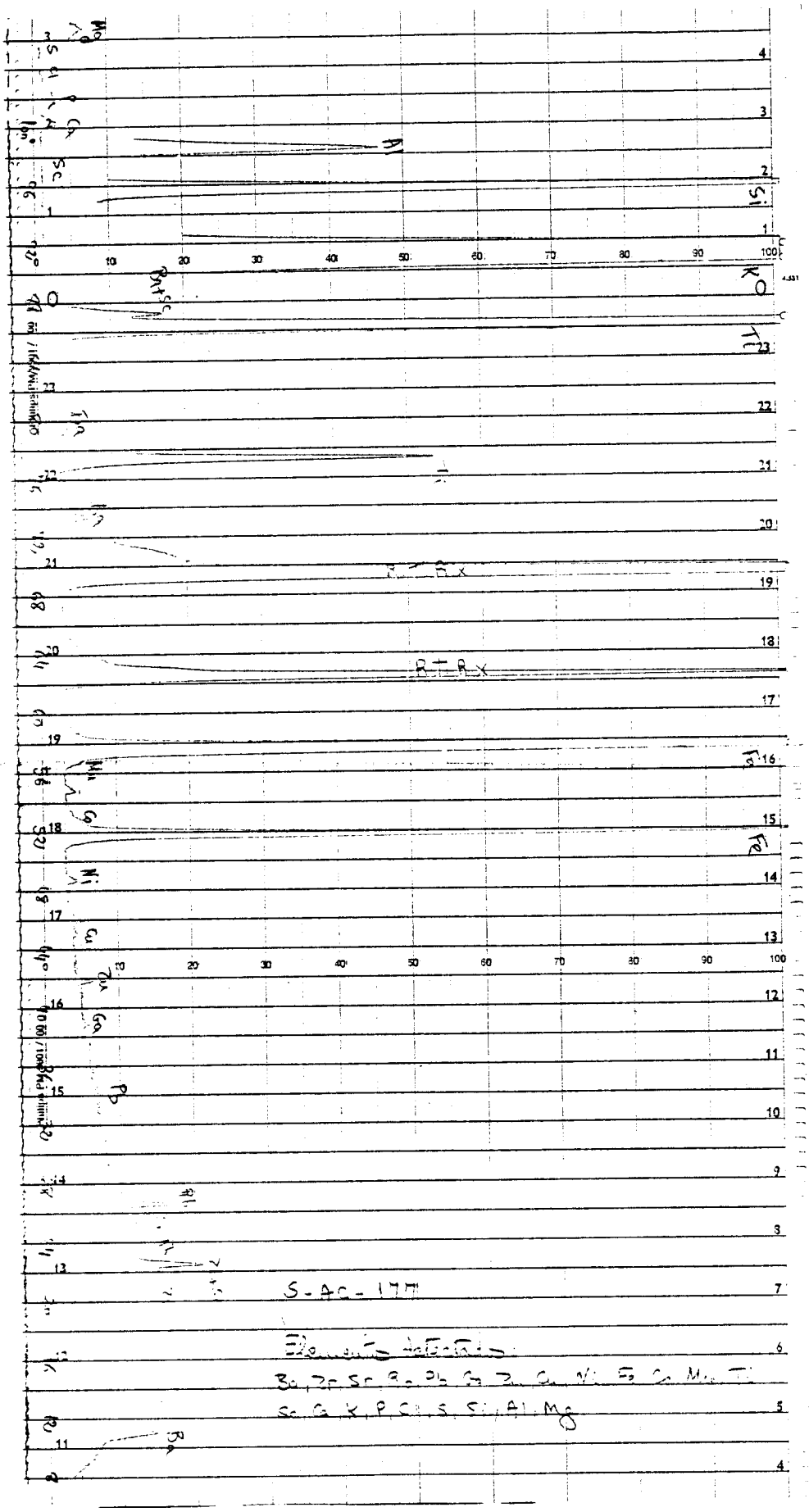

S-AC-172
Elementos detectados
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Ca, Ti, Sc
Ca, K, P, S, Si, Al, Mg

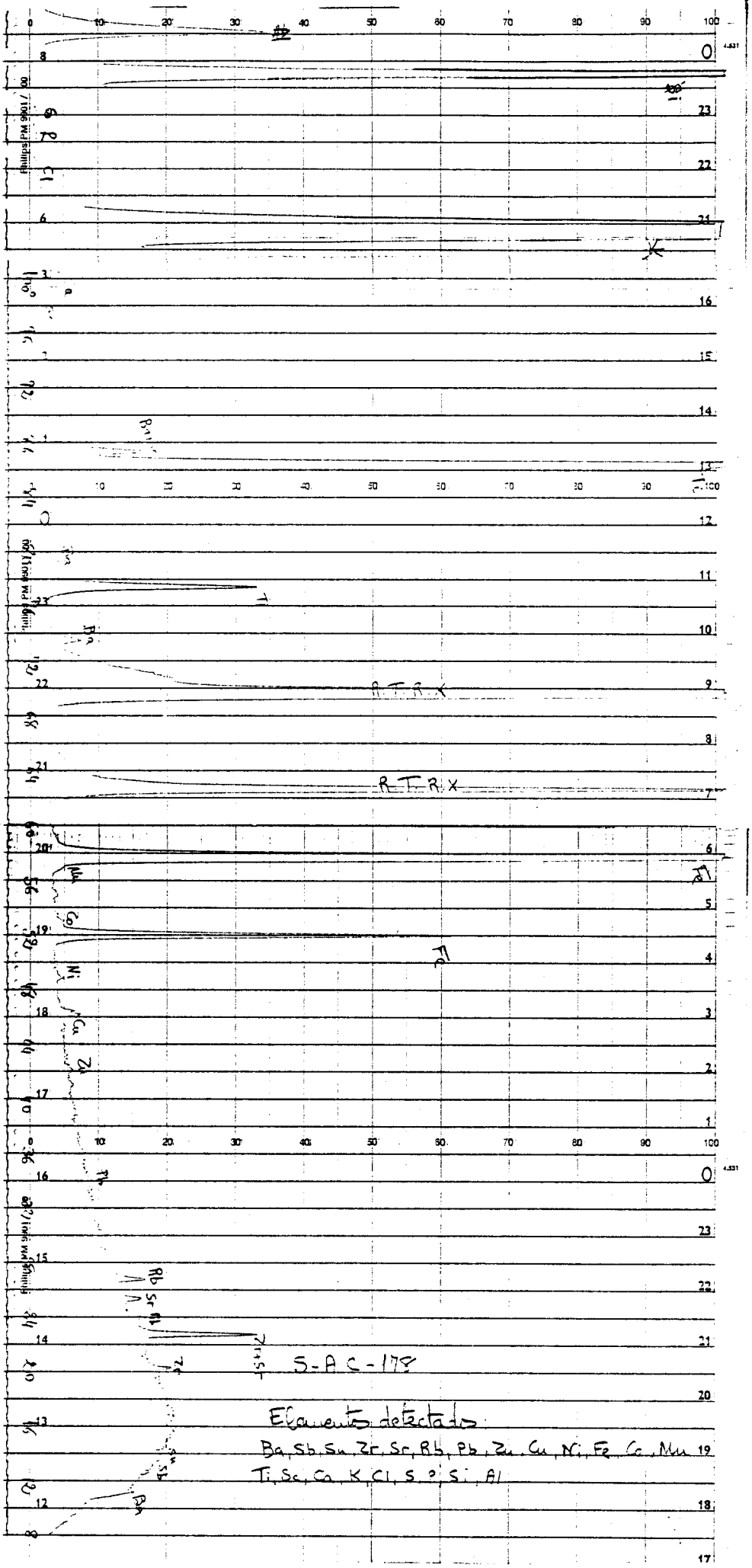

S-AC - 173
Elementos detectados:
Ba, Sb, Cd, Zr, Nb, Sr, Rb, Br, As, Pb, Ga, Zn, Cu, Ni, Fe, Ti, Sc, Ca, K, S, Si, Al, P, Mg

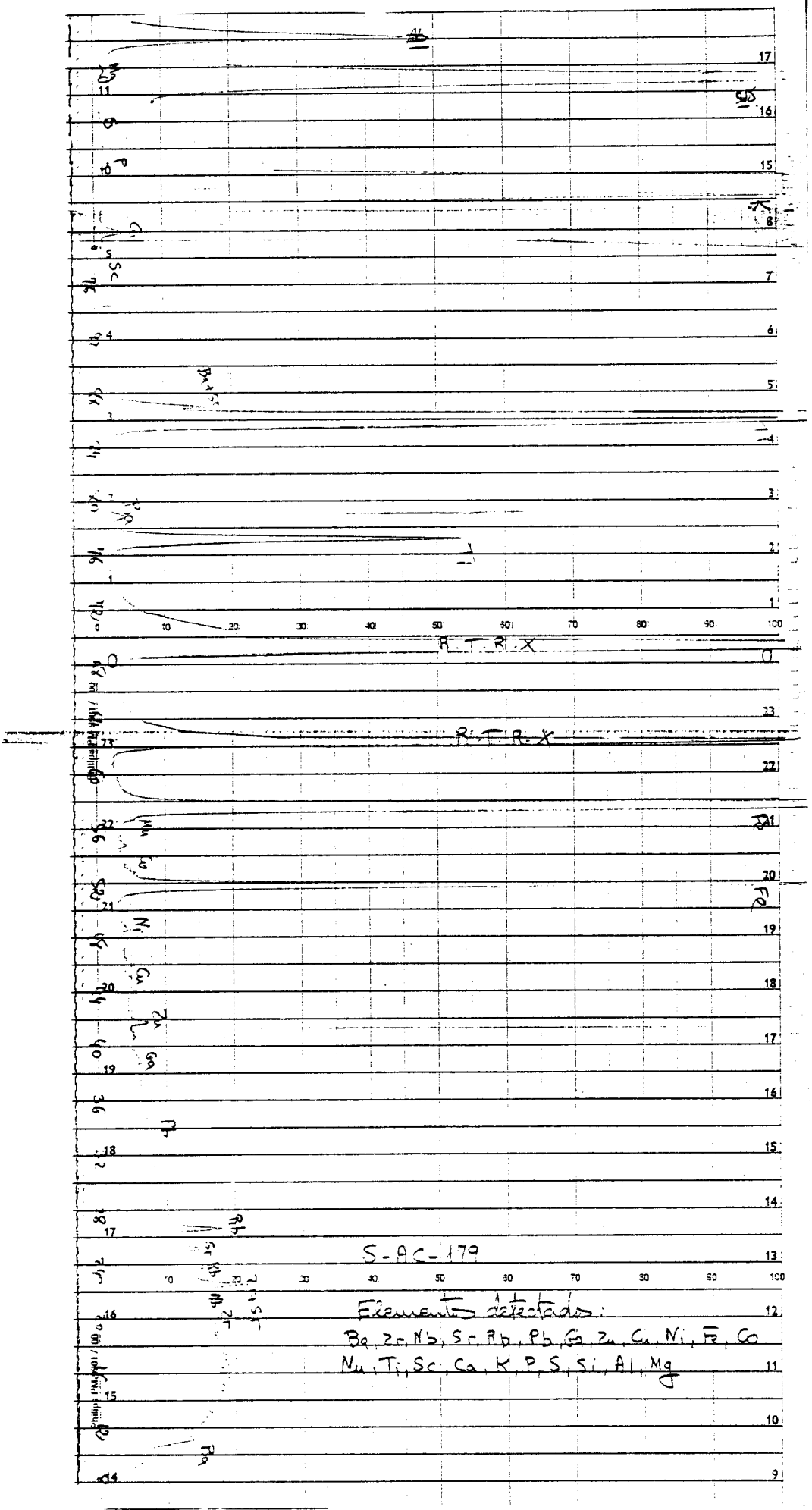

R.T.R.X
R.T.R.X
S-AC-174
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, Cl, S, Si, Al, Mg, U

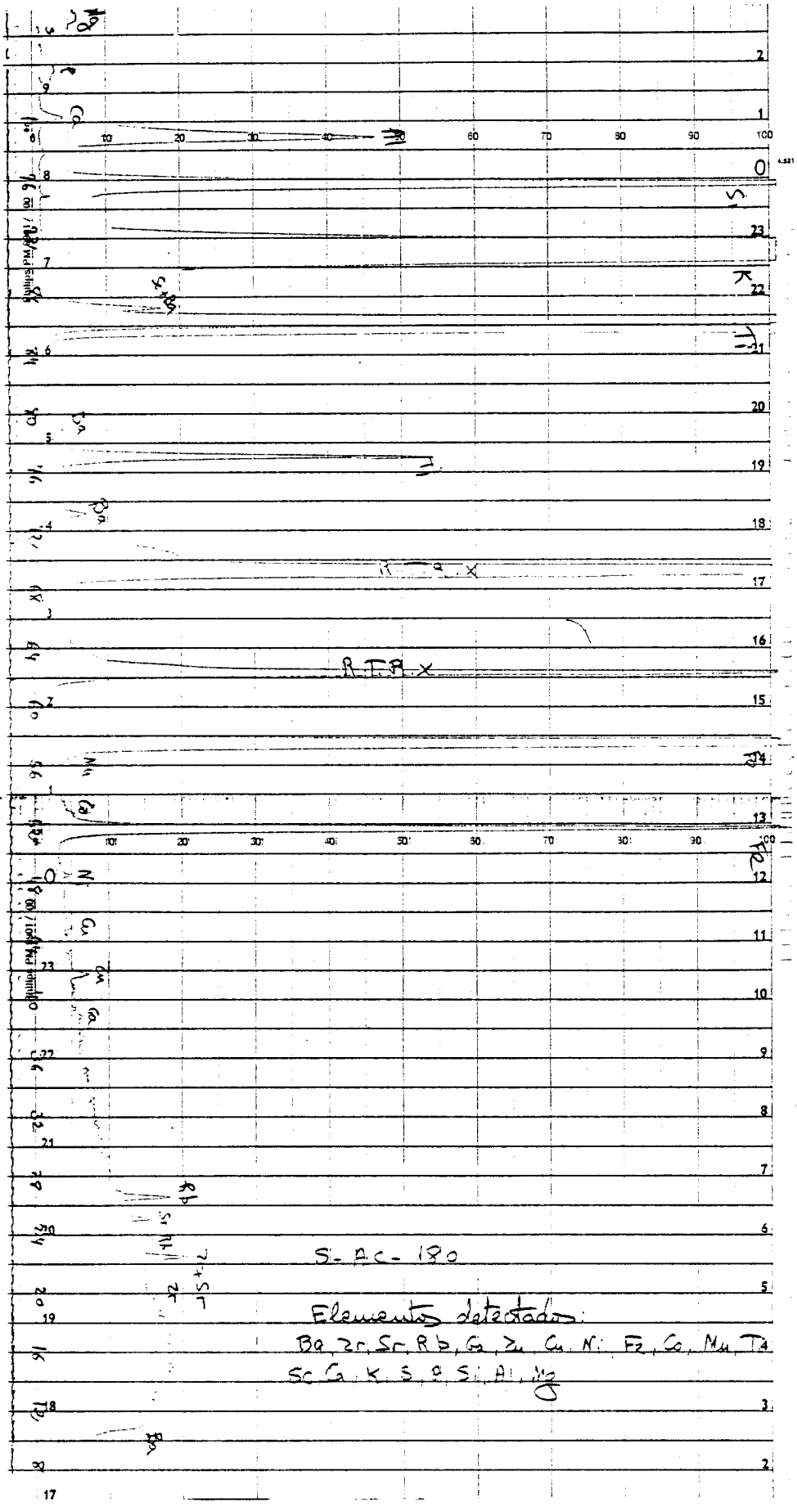

Al
Si
K
Ti
R.T.R.X
R.T.R.X
Fe
Mn
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Zr
Mg
S-AC-175
Elementos detectados:
Ba, Sb, Sn, Cl, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni
Fe, Co, Mn, Ti, Sc, K, P, Cl, S, Si, Al, Mg

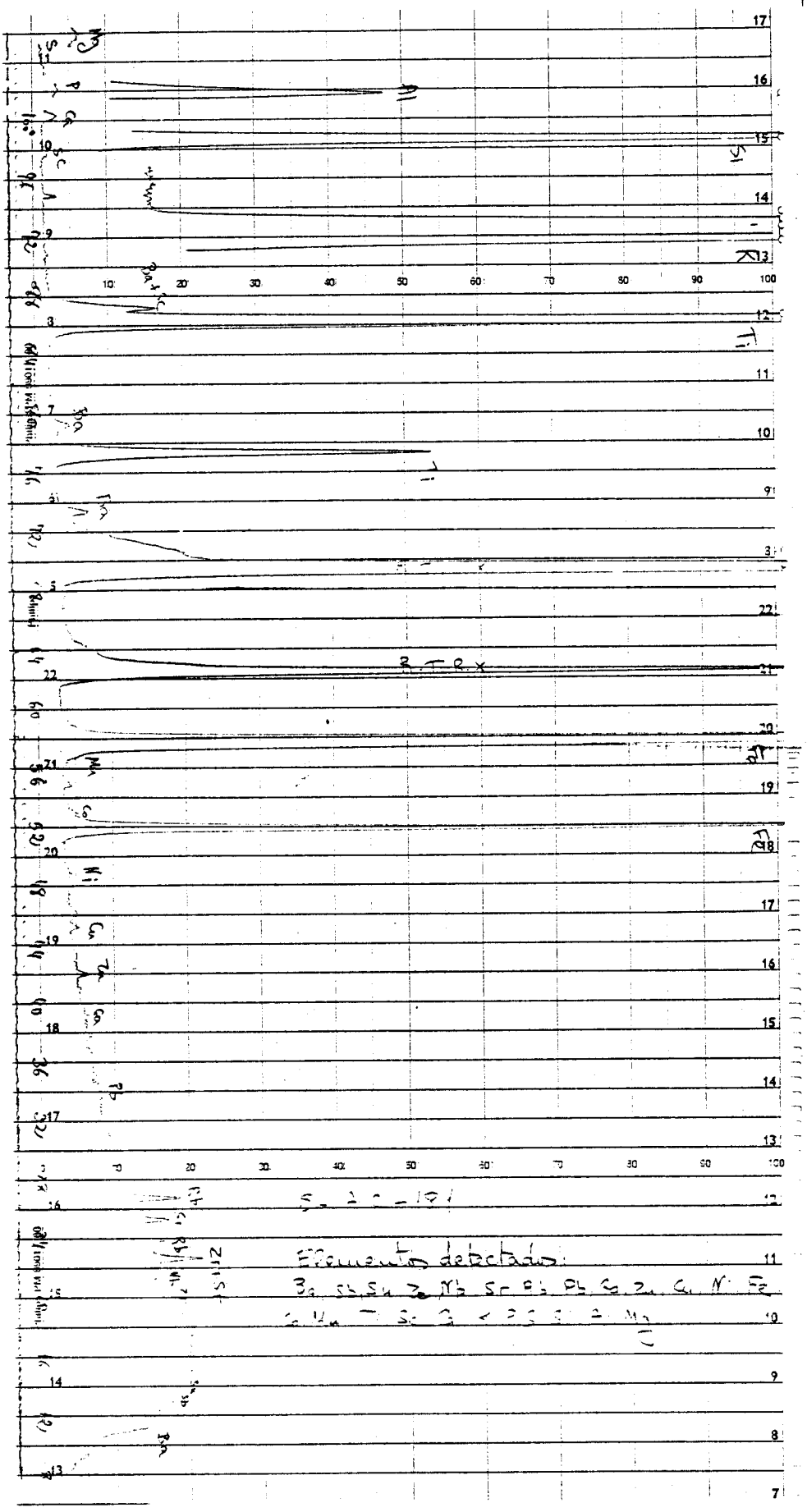

S-AC-176
Elementos detectados:
Ba, Sb, Sn, Zr, Sr, Rb, Br, Pb, Cu, Zn, Cu, Ni, Fe
Co, Nb, Ti, Sc, Ca, K, Cl, S, Si, Al, Mg

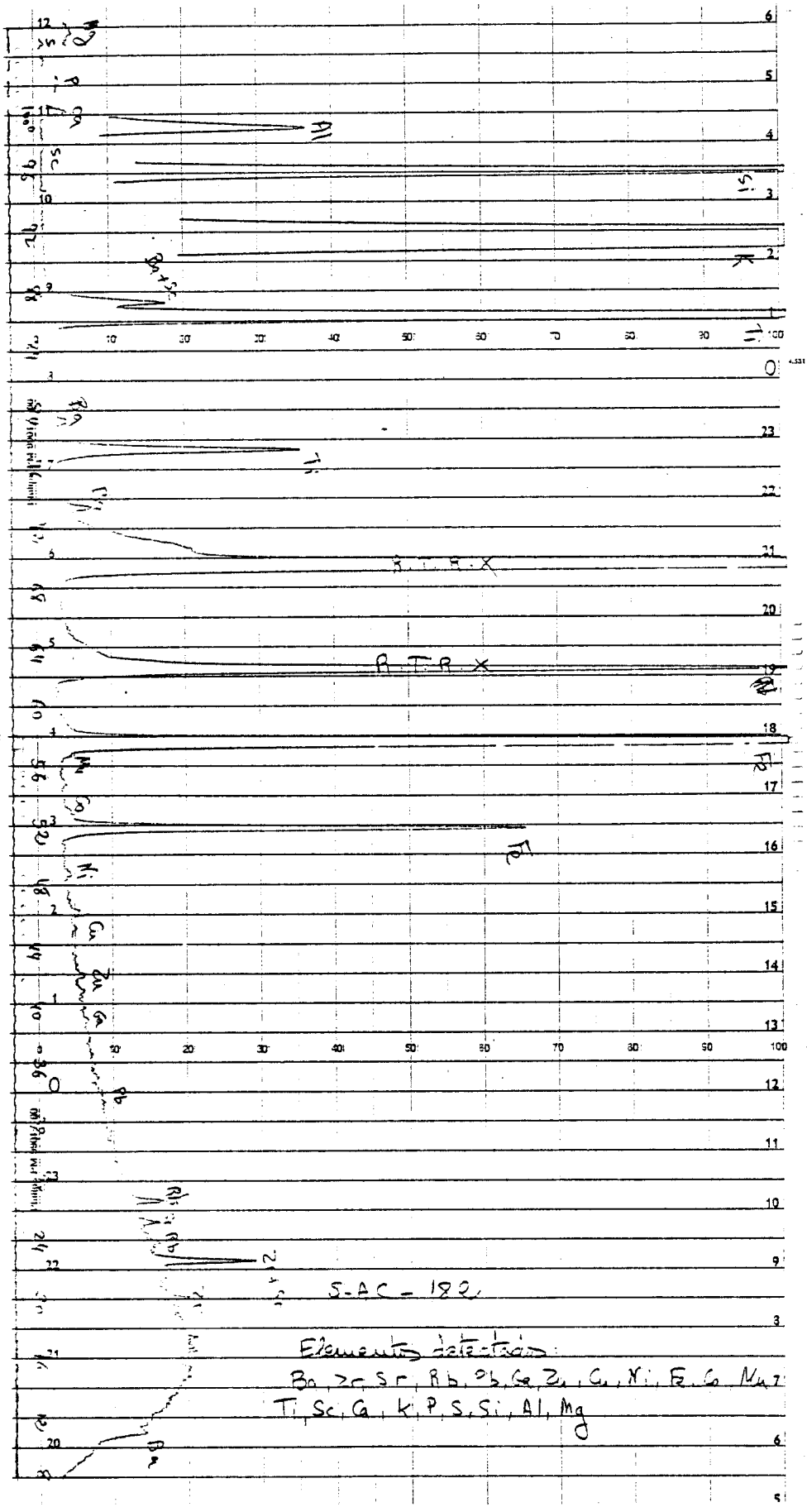

Al
Si
K
Ti
Fe
Ba
Sc
Ca
Mn
Cu
Zn
Ga
Pb
Ba
R + R x
R + R x
S-AC-177
Elements detected:
Ba, Zr, Sr, Ra, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti
Sc, Ca, K, P, Cl, S, Si, Al, Mg

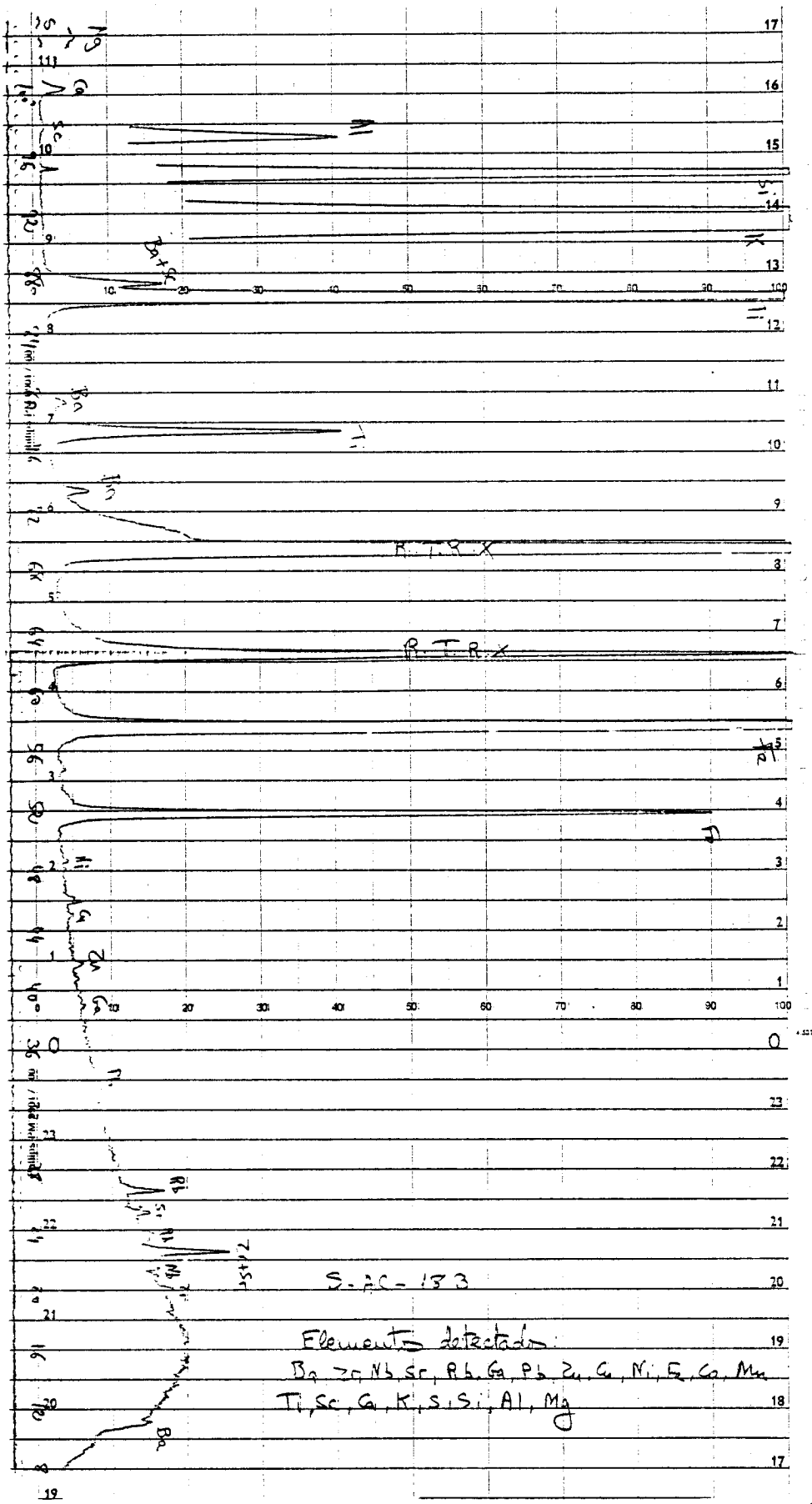

S-AC-178
Elementos detectados
Ba, Sb, Sn, Zr, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, Cl, S, P, Si, Al

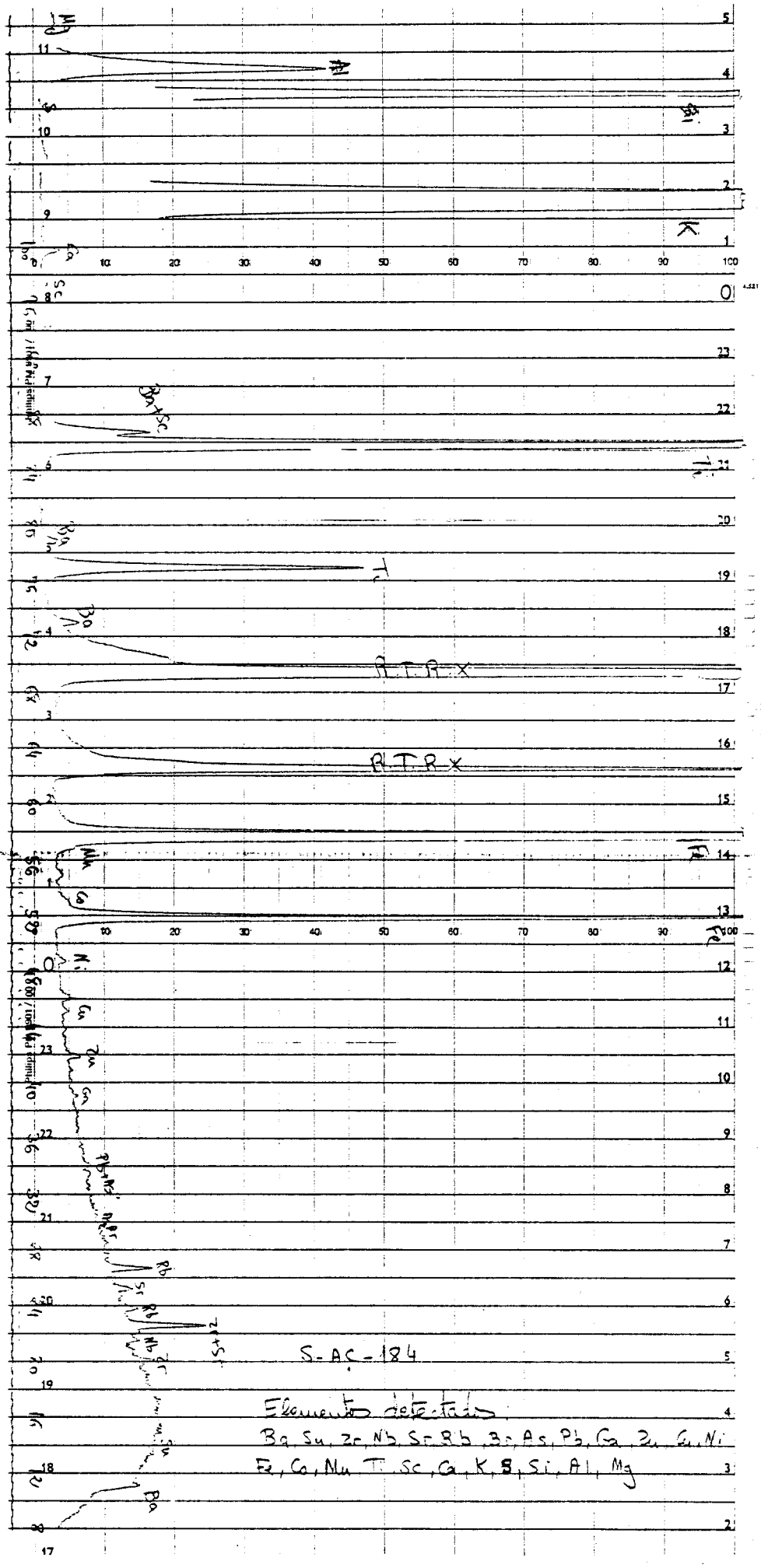

R T R X
R T R X
S-AC-179
Elementos detectados:
Ba, Zr, Nb, Sc, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co
Nu, Ti, Sc, Ca, K, P, S, Si, Al, Mg

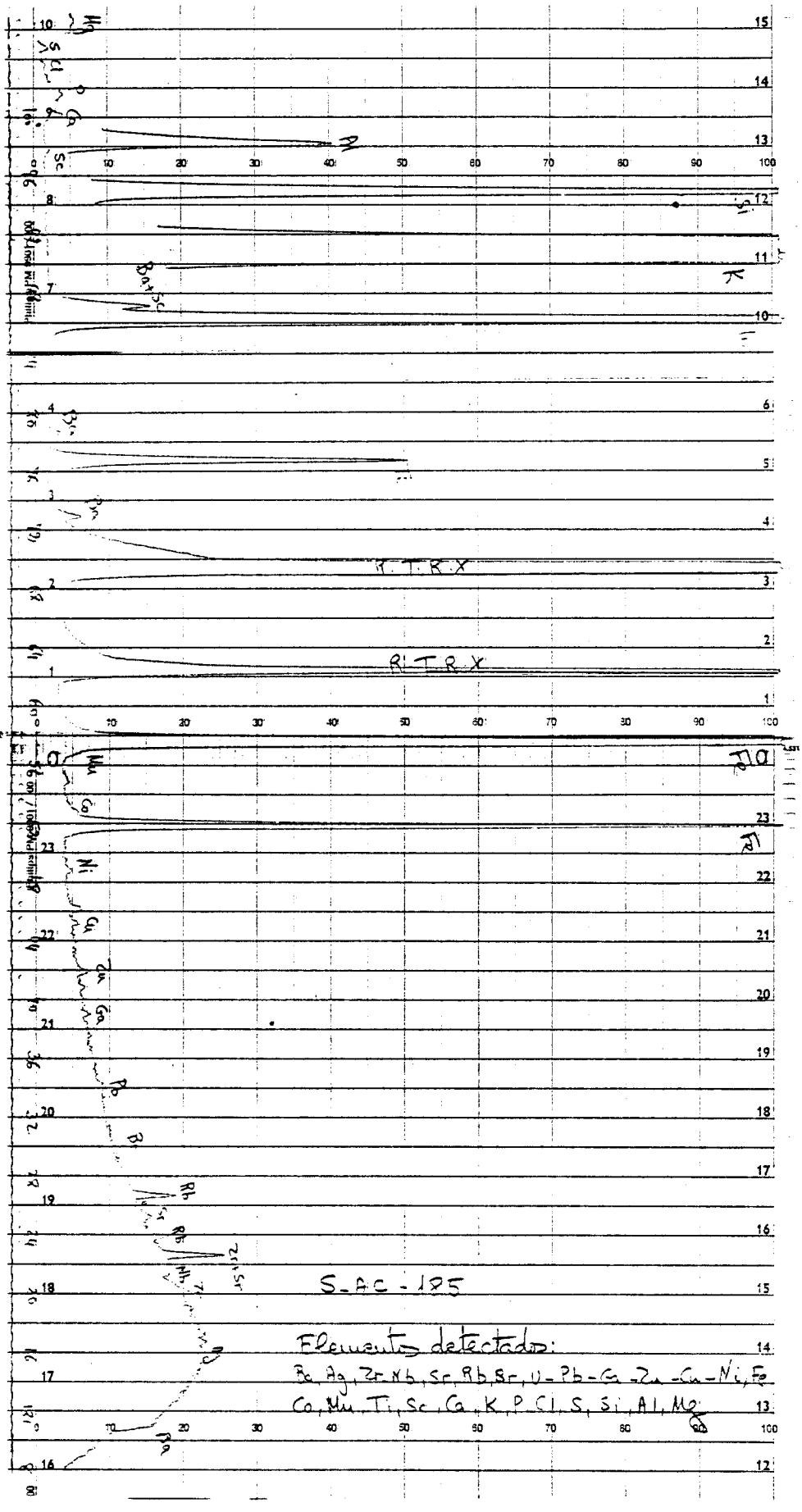

RTA X
S-AC-180
Elementos detectados:
Ba, Zr, Sr, Rb, Ga, Zn, Cu, Ni, Fe, Ca, Mn, Ti
Sc, Cl, K, S, P, Si, Al, Mg

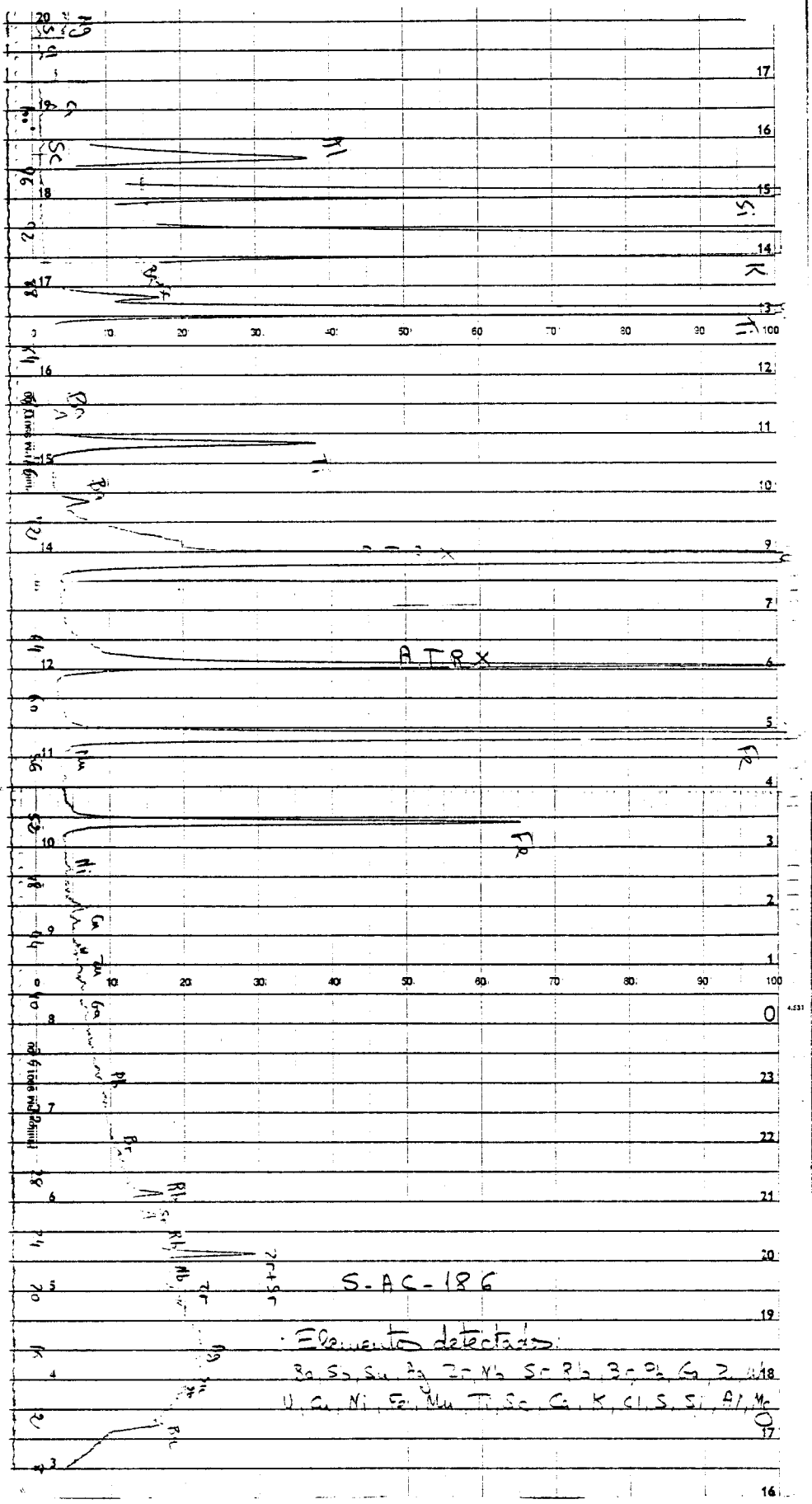

Elementos detectados:

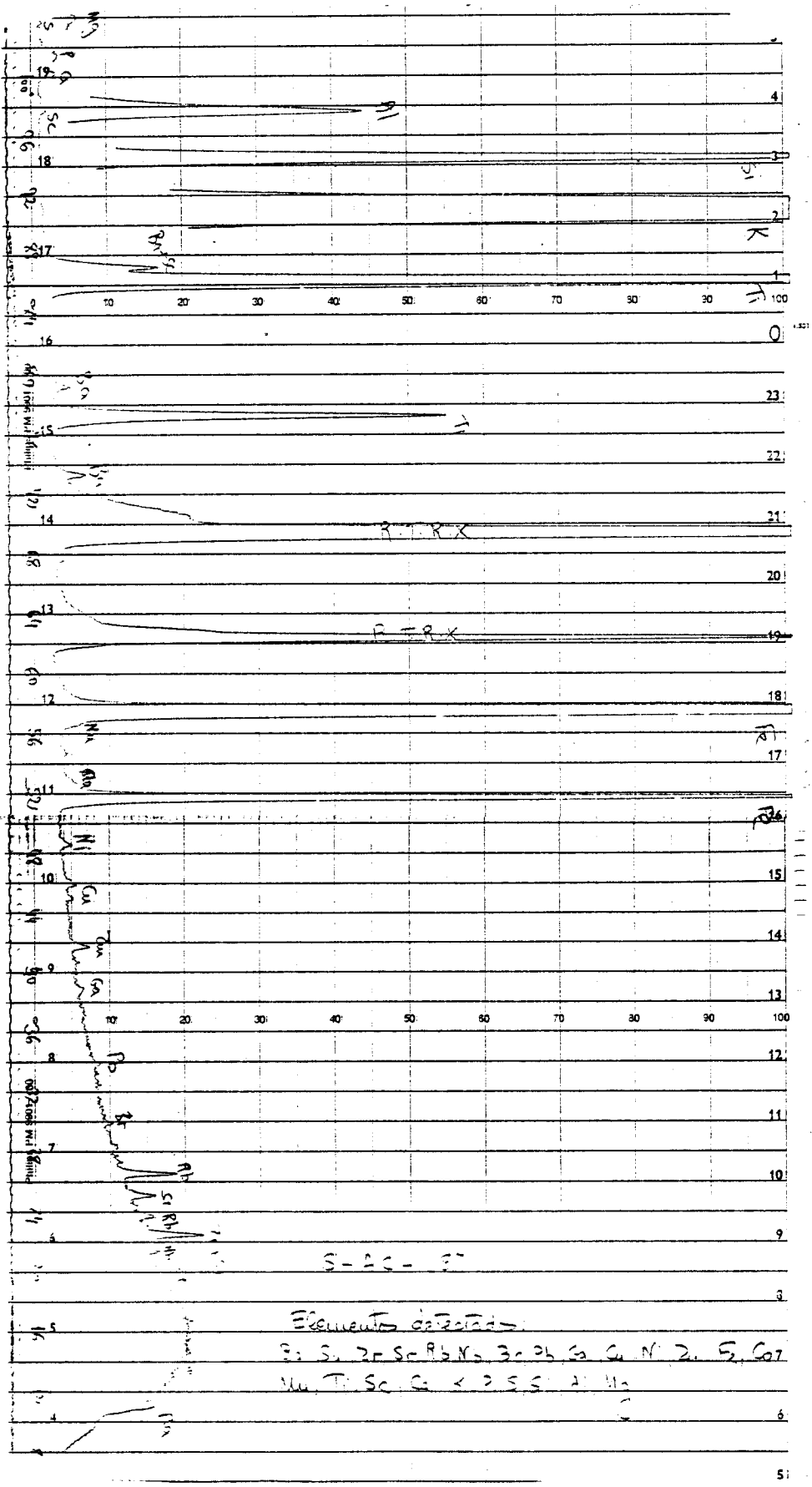

S-AC-182
Elements detected:
Ba, Zr, Sr, Rb, Nb, Ce, Zn, Cu, Ni, Fe, Co, Mn?
Ti, Sc, Ca, K, P, S, Si, Al, Mg

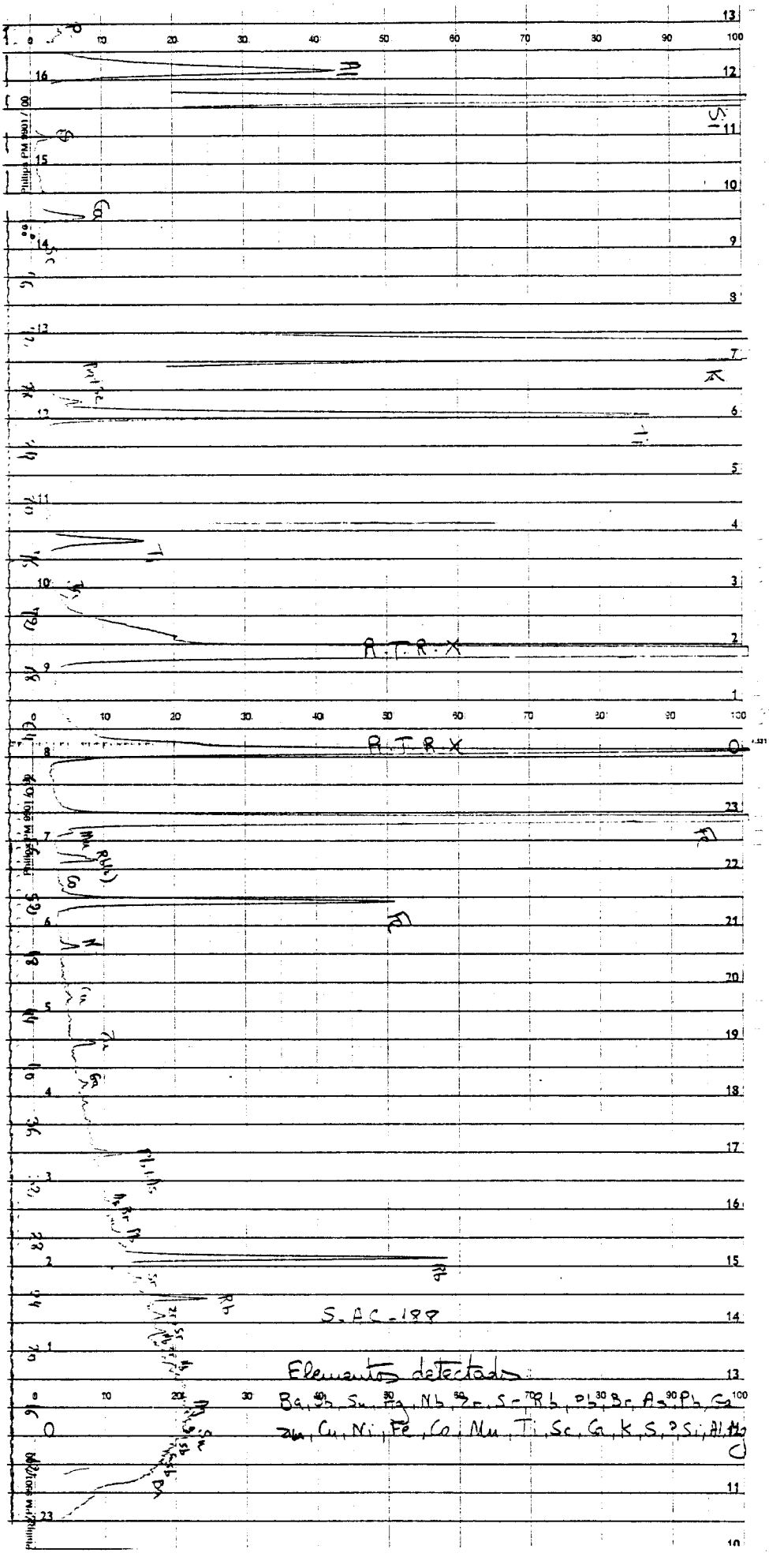

S-AC-133
Elementos detectados:
Ba Zr Nb Sr Rb Ga Pb Zn Cu Ni Fe Co Mn
Ti Sc Ca K S Si Al Mg

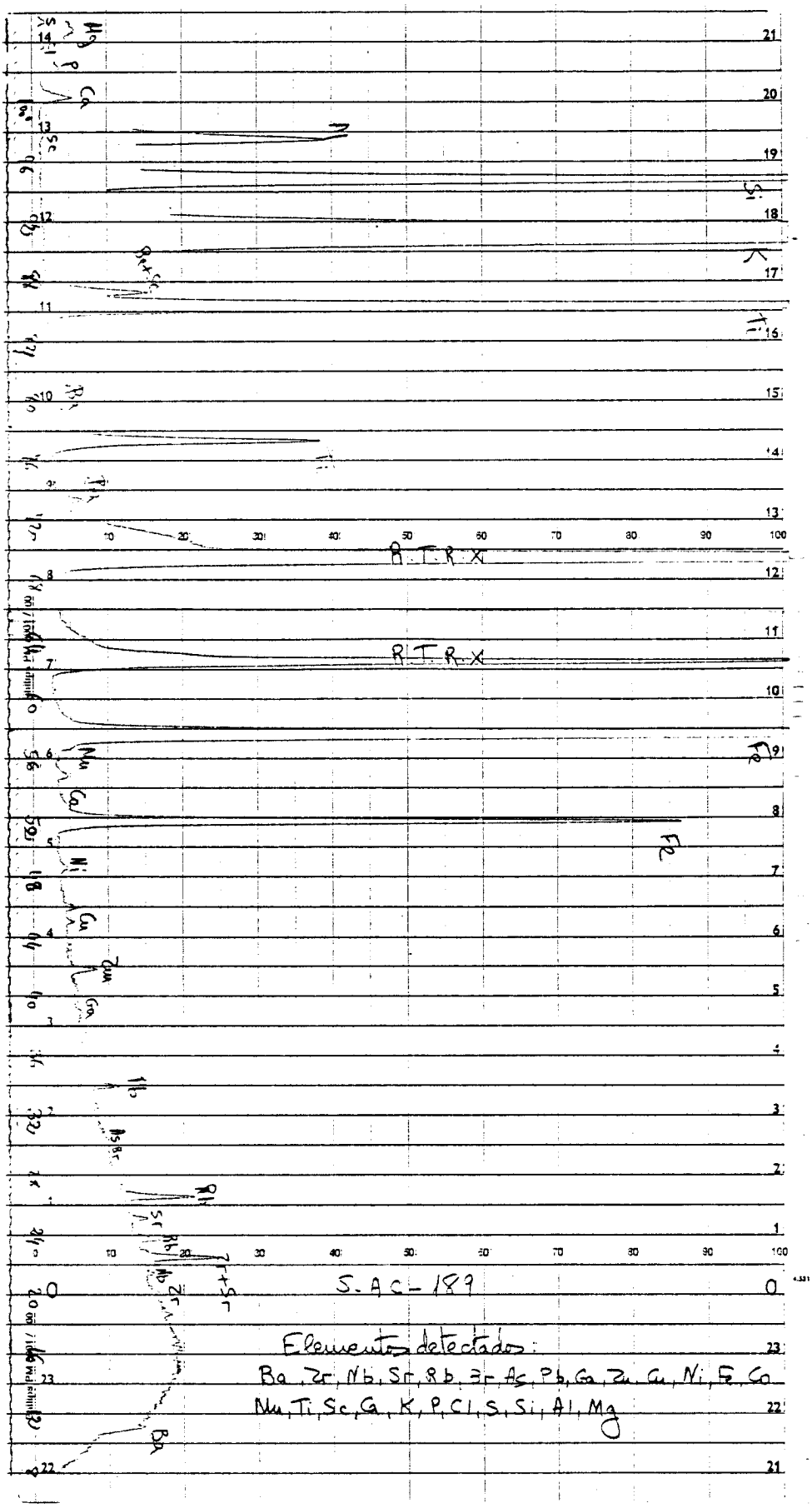

Ba+Sc
RTRX
RTRX
S-AC-184
Elementos detectados
Ba Sn Zr Nb Sr Rb Br As Pb Ga Zn Cu Ni
Fe Co Mn Ti Sc Ca K S Si Al Mg

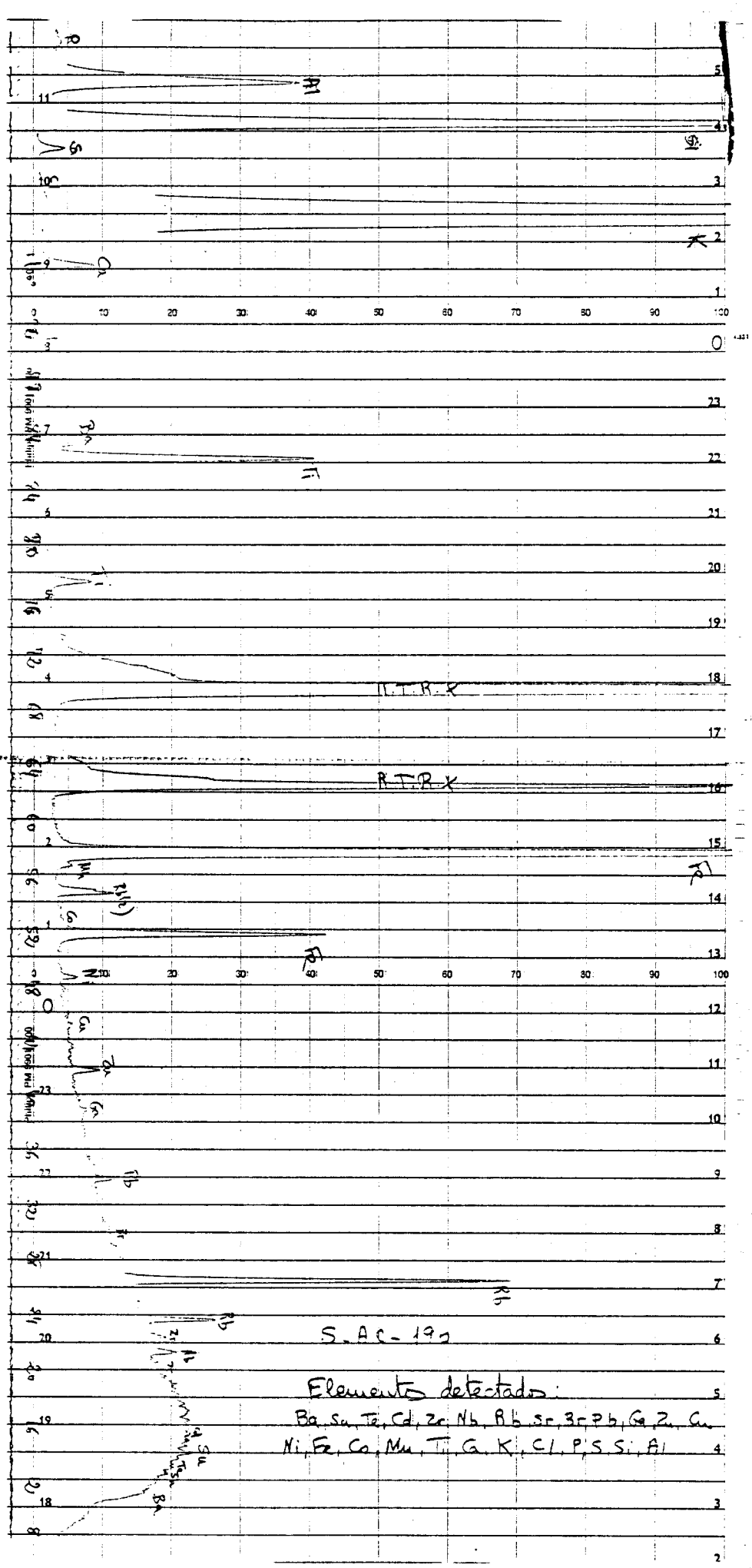

RITRX
RITRX
S-AC-125
Elementos detectados:
Fe, Ag, Zr, Nb, Sc, Rb, Sr, U - Pb - Cd - Zn - Cu - Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


ATRX
S-AC-186
Elementos detectados:
Ba, Sb, Sn, Ag, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Ni
U, Cu, Ni, Fe, Mn, Ti, Sc, Ca, K, Cl, S, Si, Al, Mg


0 10 20 30 40 50 60 70 80 90 100
Elements detected:

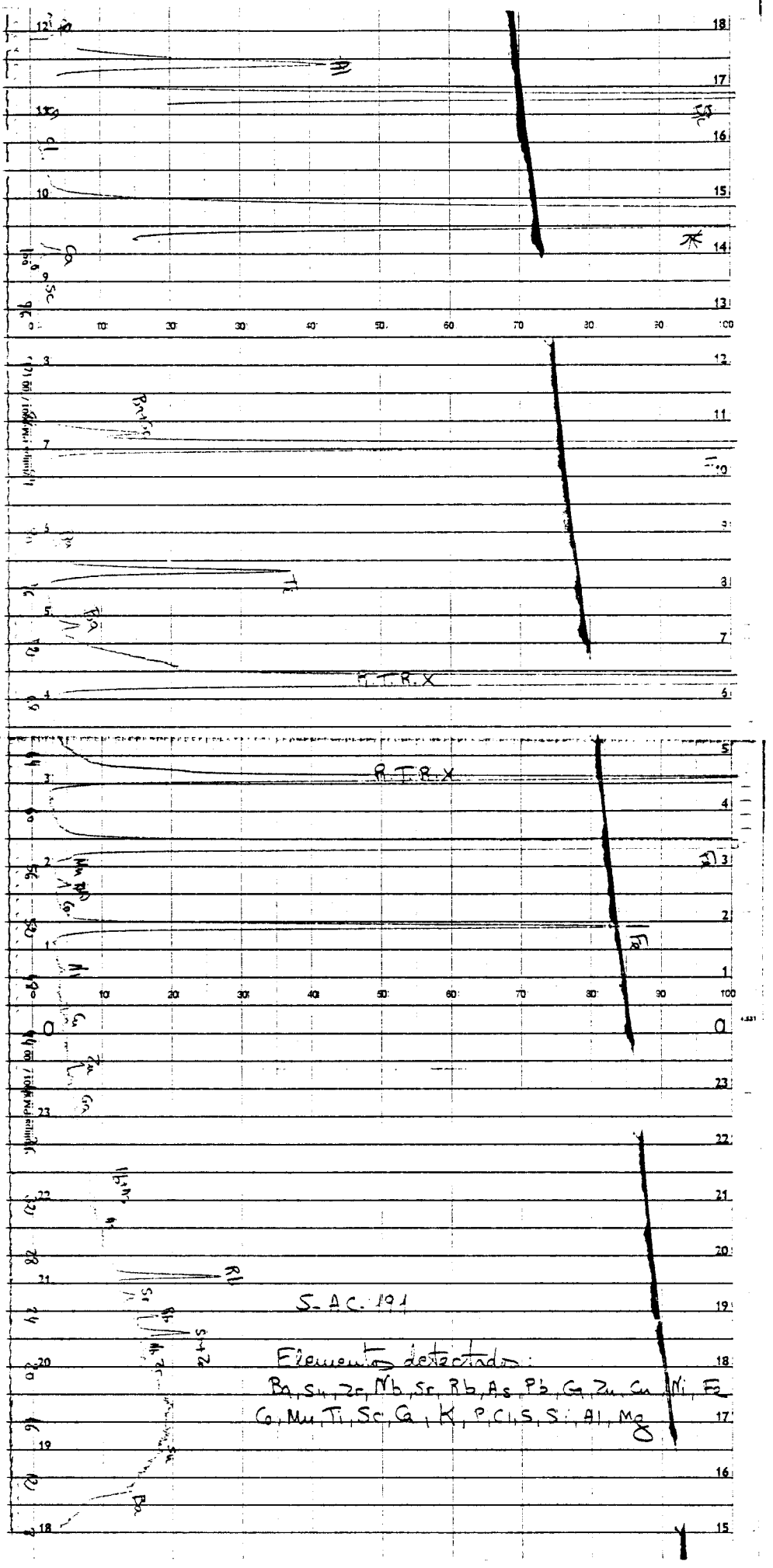

R.T.R.X
R.T.R.X
S.AC-188
Elementos detectados:
Ba, Sb, Sn, Ag, Nb, Zr, S, Rb, Pb, Br, As, Pb, Ga
Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, S, ?Si, Al, Mg

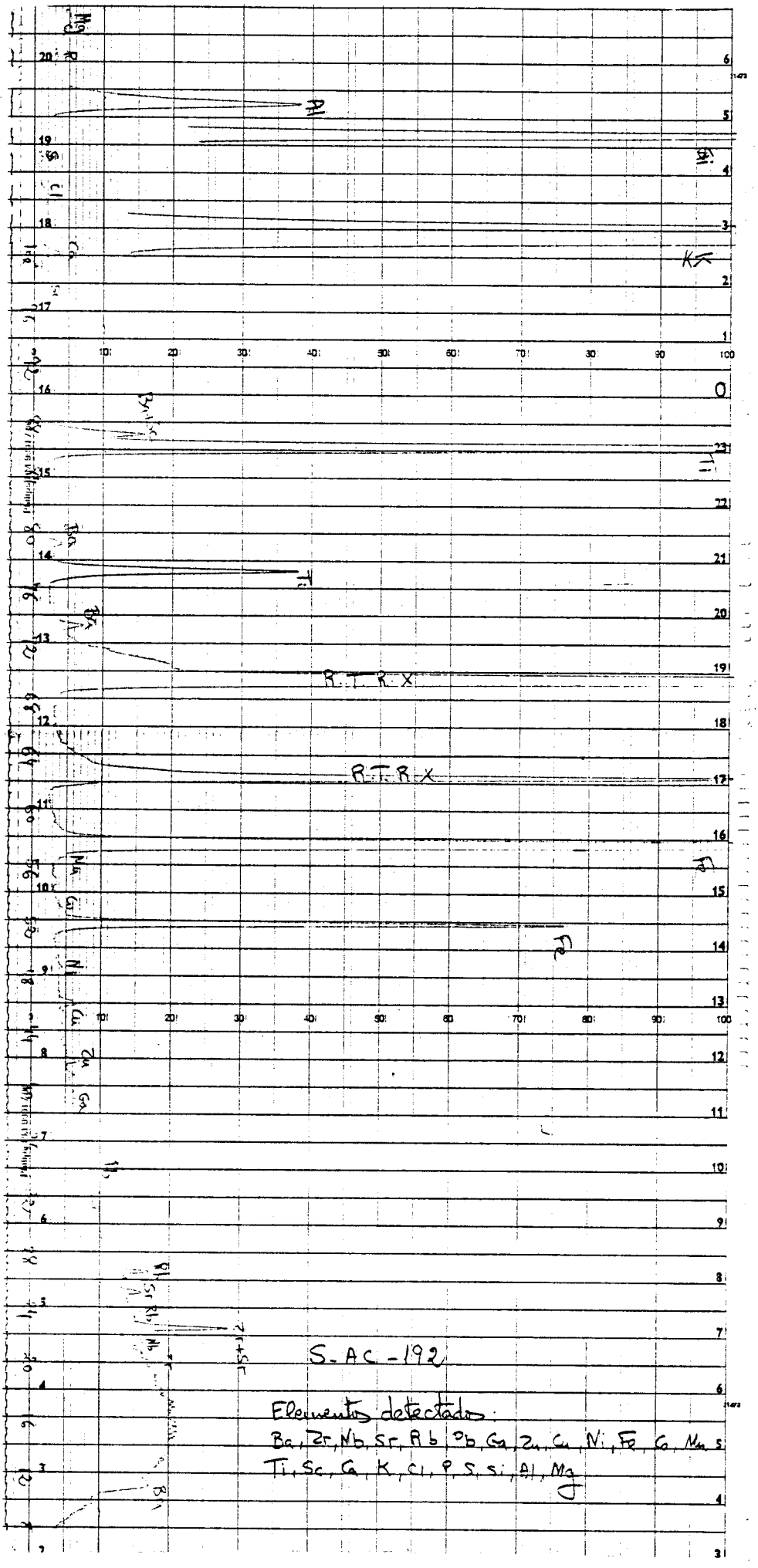

RTRX
RTRX
S.AC-189
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Th, As, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

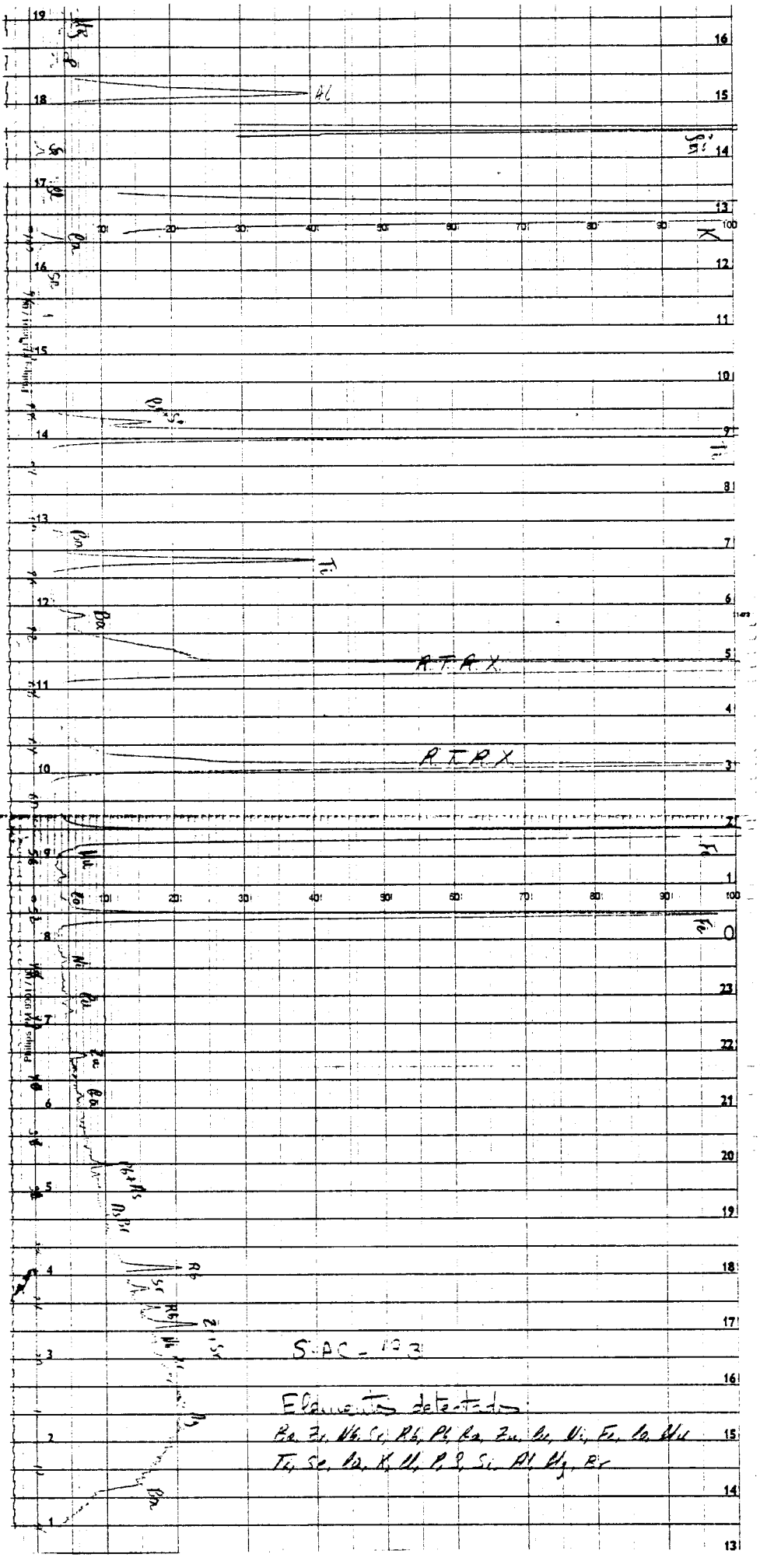


Elementos detectados:

Ba, Sn, Te, Cd, Zr, Nb, Rb, Sr, Br, Pb, Ga, Zn, Cu
Ni, Fe, Co, Mn, Ti, Ca, K, Cl, P, S, Si, Al


S-AC-191
Elementos detectados:
Ba, Sn, Zr, Nb, Sr, Rb, As, Pb, Ga, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


R.T.R.X
R.T.R.X
S-AC-192
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Ca, Mn, S
Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg

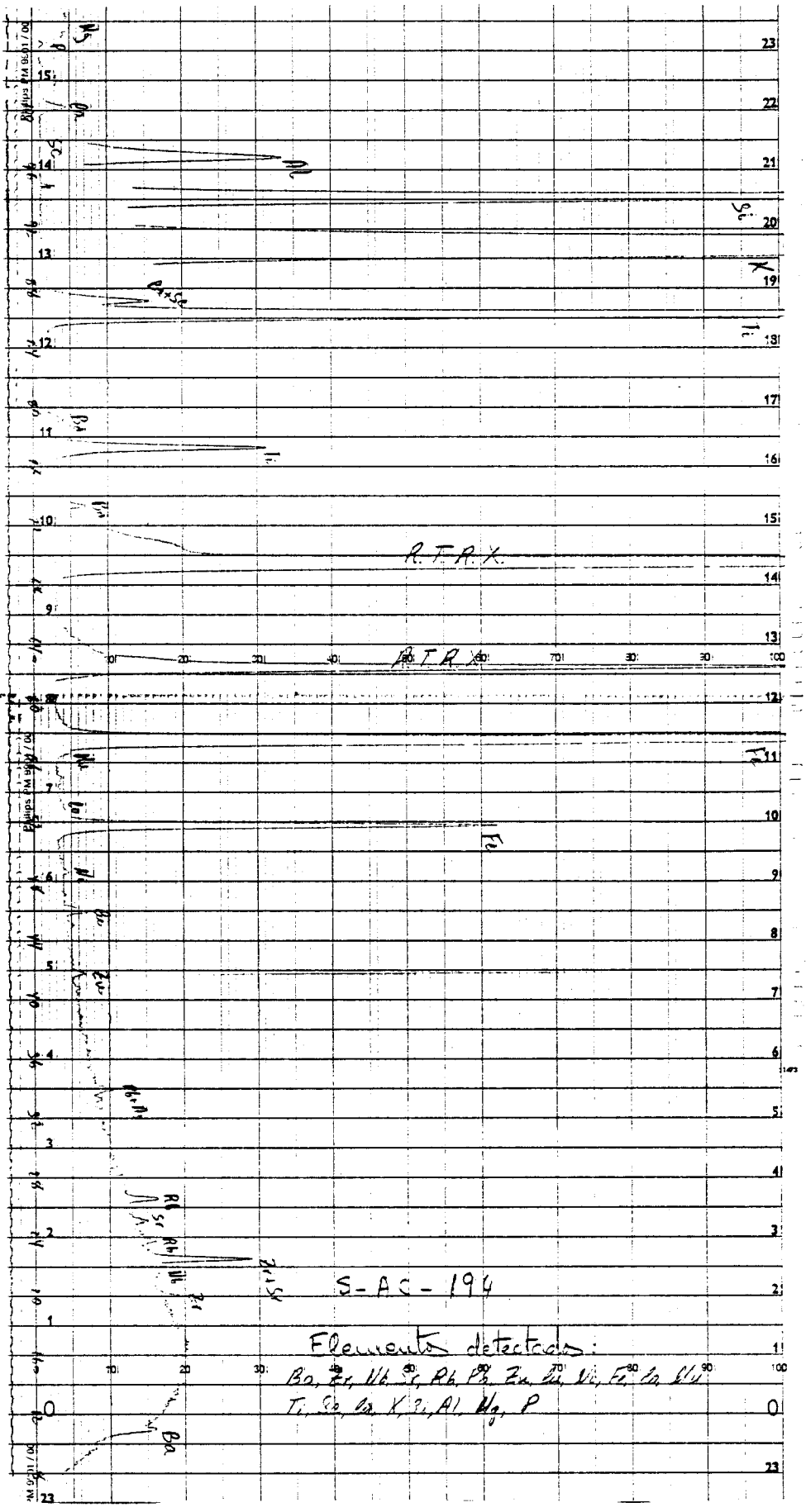


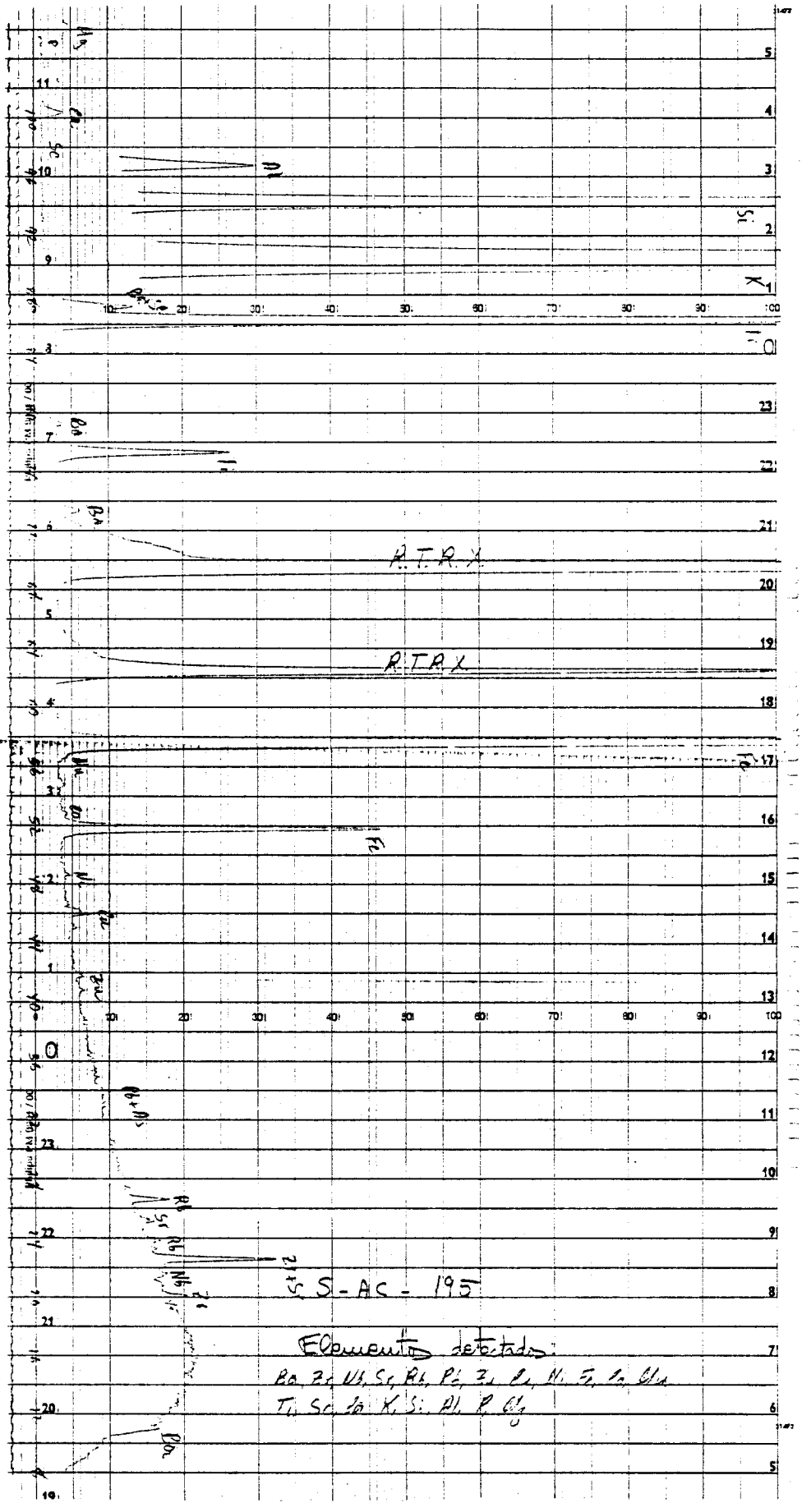
S-AC-193

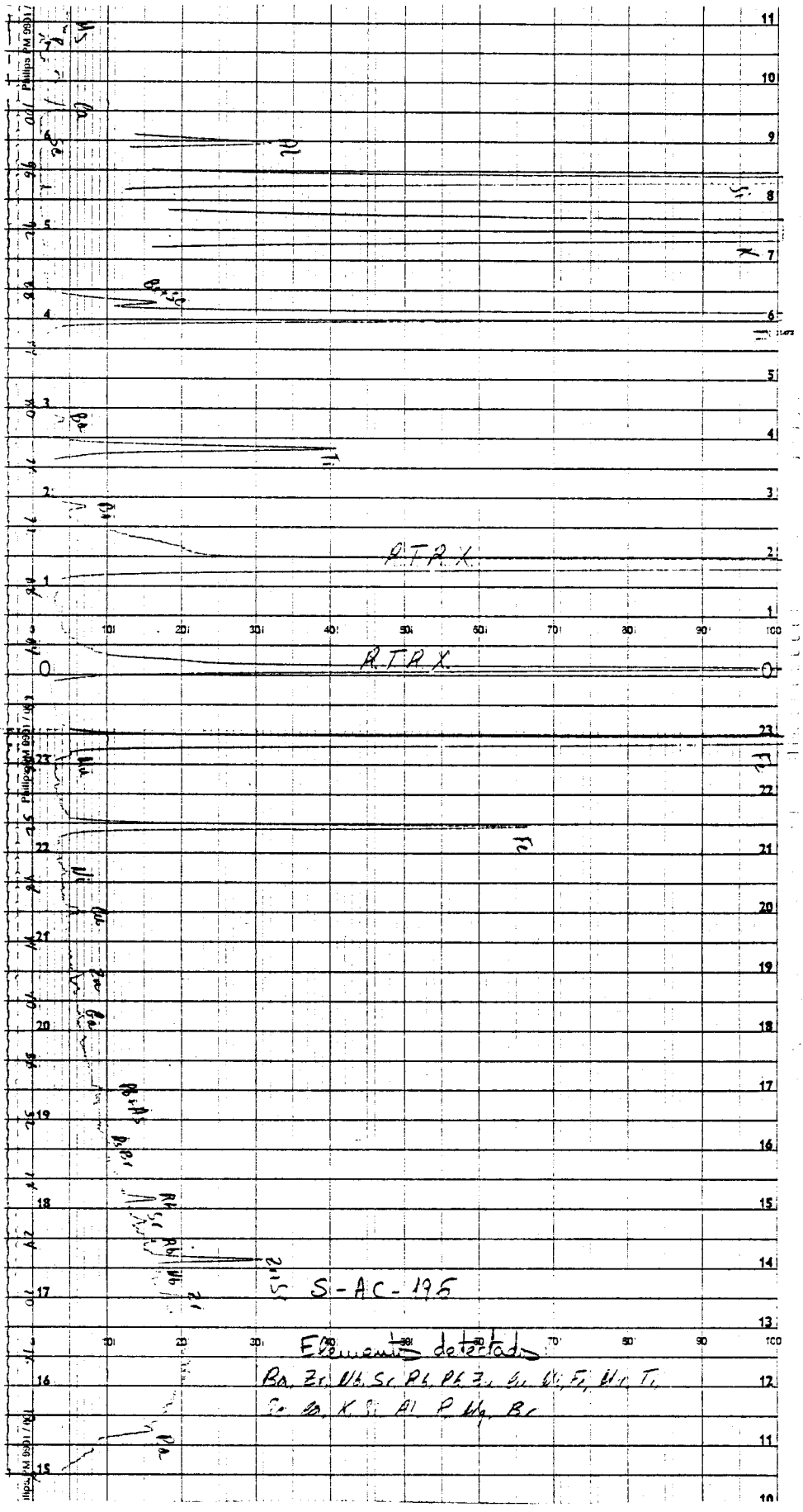
Elementos detectados:

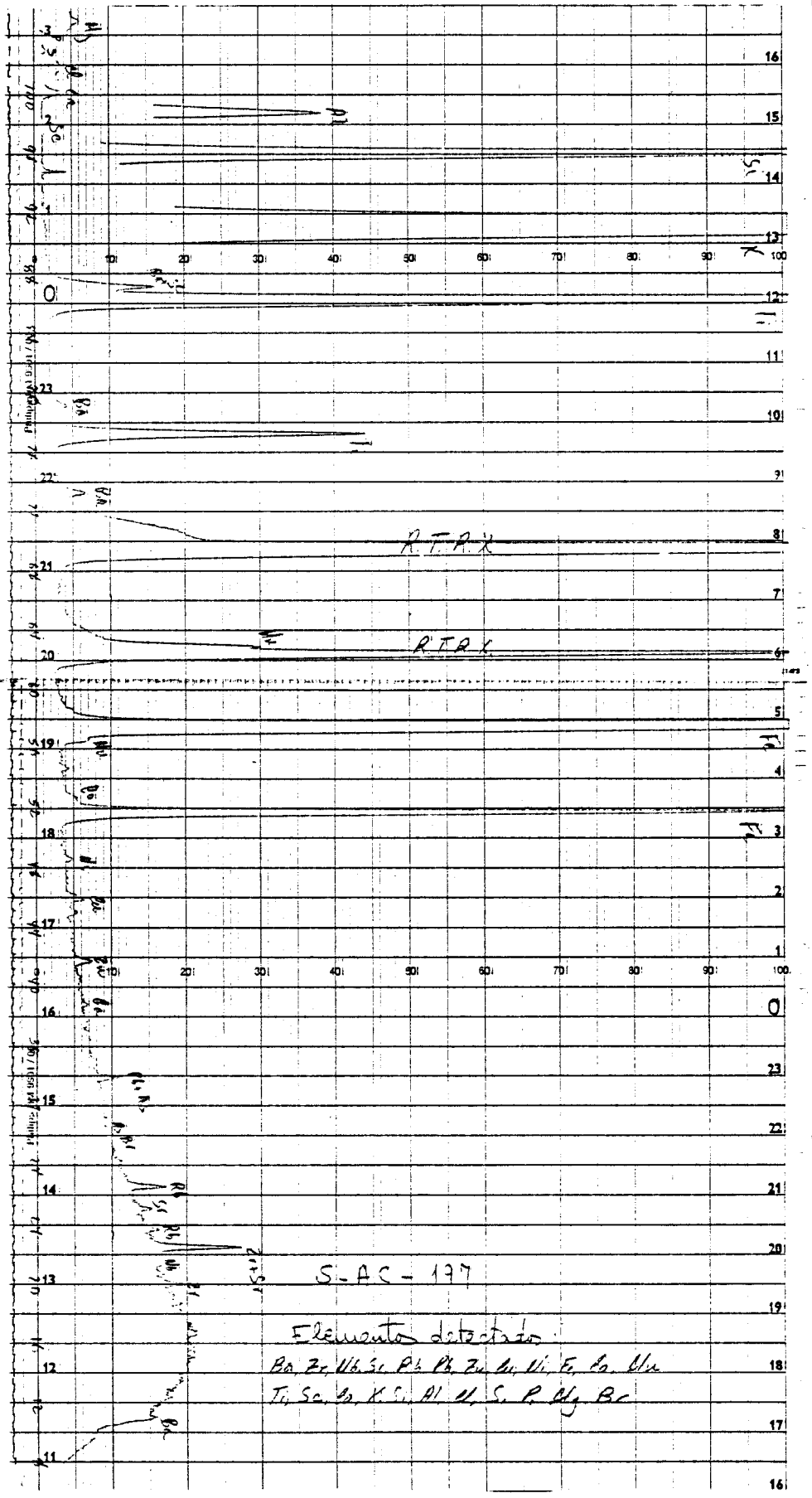
Ba, Zr, Nb, Sr, Rb, Pb, Ba, Zn, Cu, Ni, Fe, Co, Mn

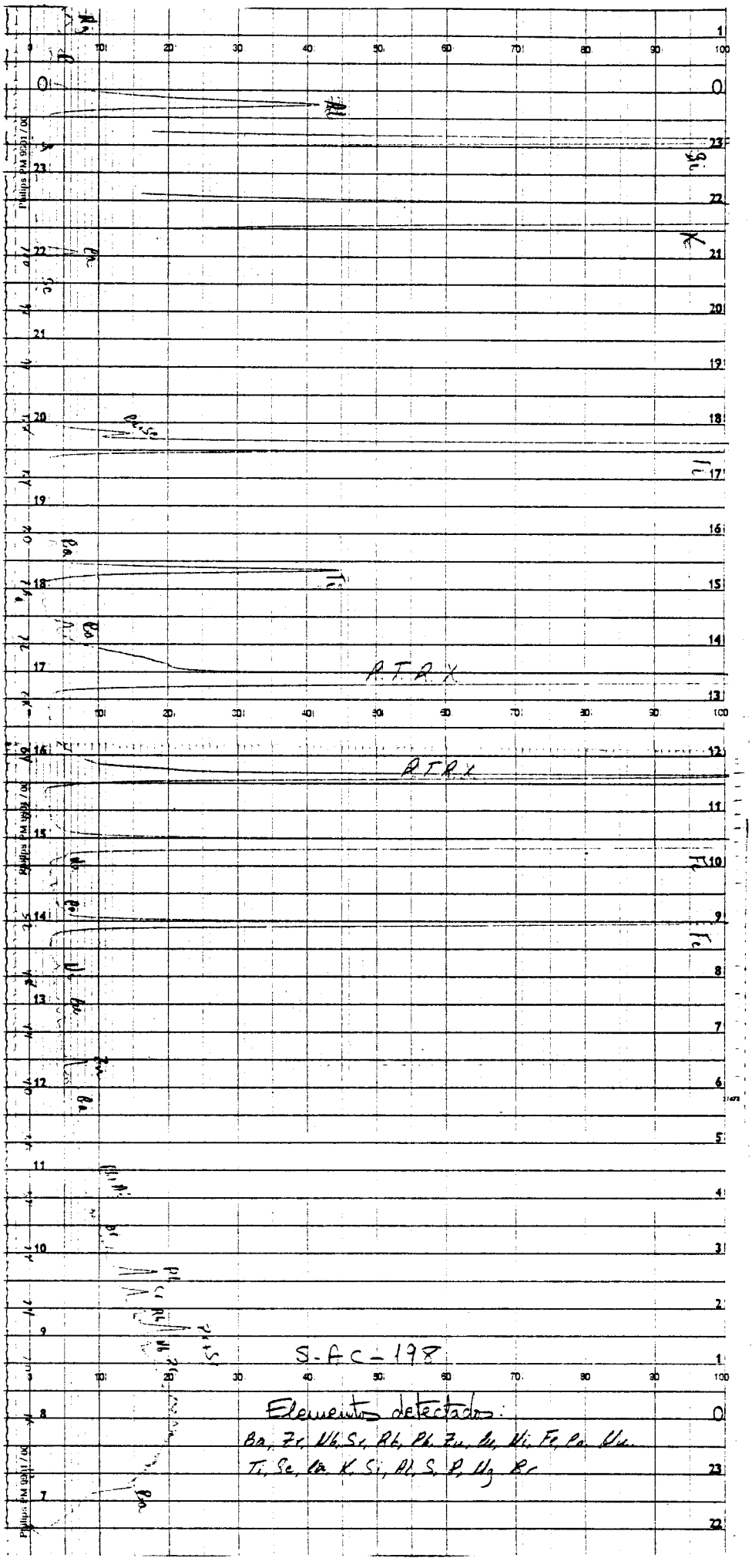
Ti, Se, Ca, K, Cl, P, S, Si, Al, Mg, Br

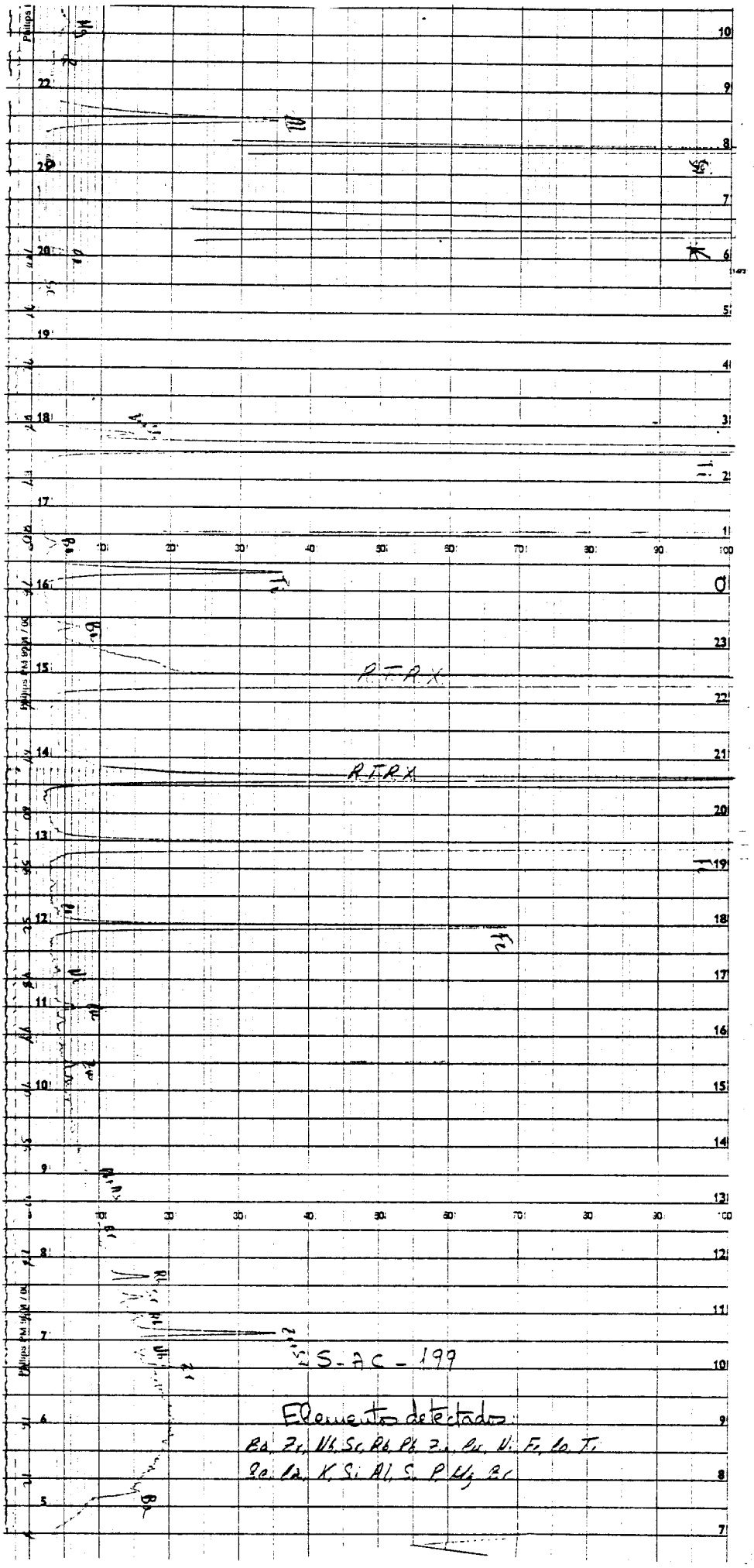

R.T.A.X.
S-AC-194
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Zn, Cu, V, Fe, Co, Mn
Ti, Ca, Cl, K, Si, Al, Mg, P

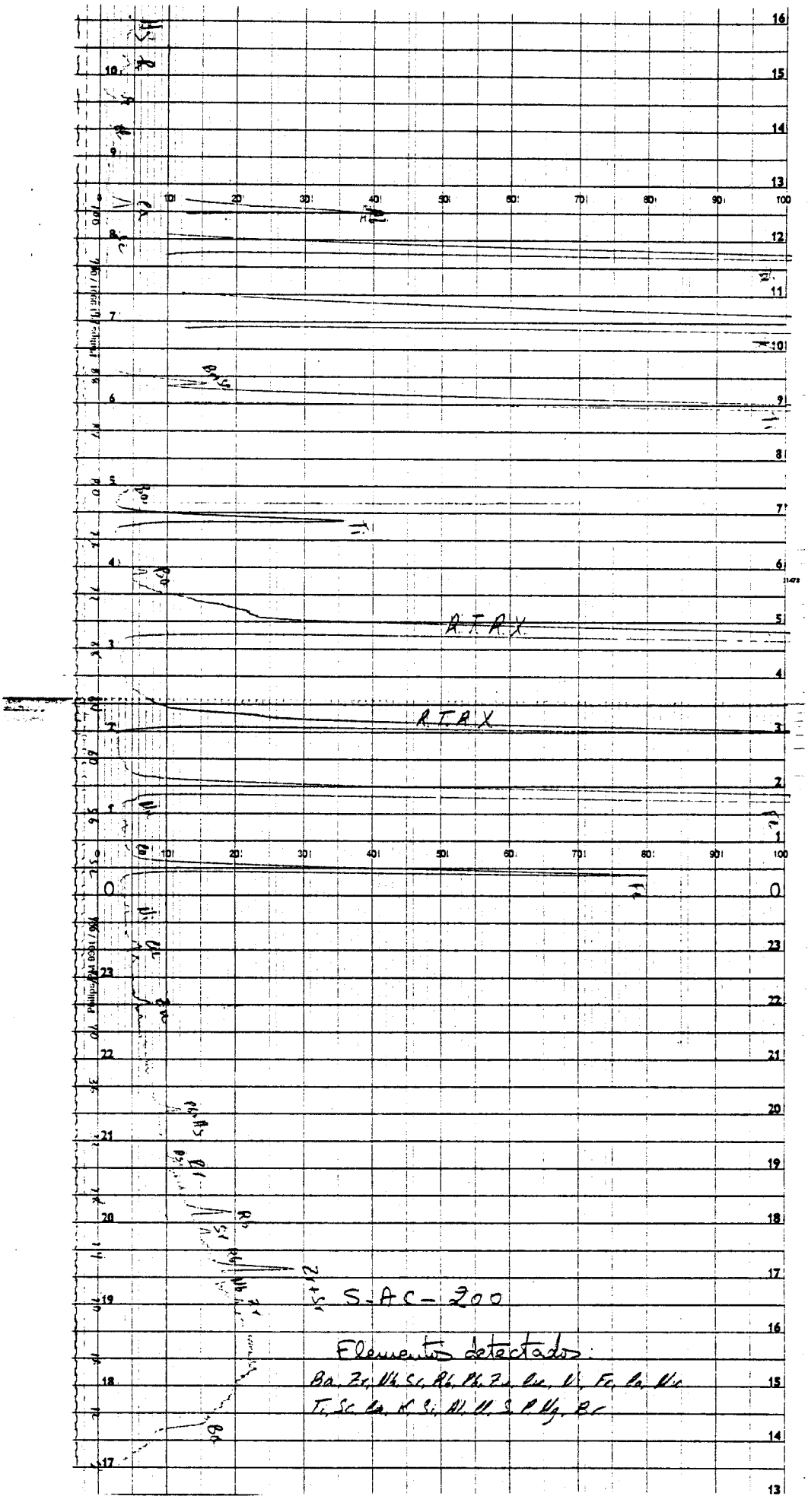

R.T.R.X
R.T.R.X
S-AC-195
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Ca, Cl
Ti, Sc, Co, K, Si, Al, P, Cl

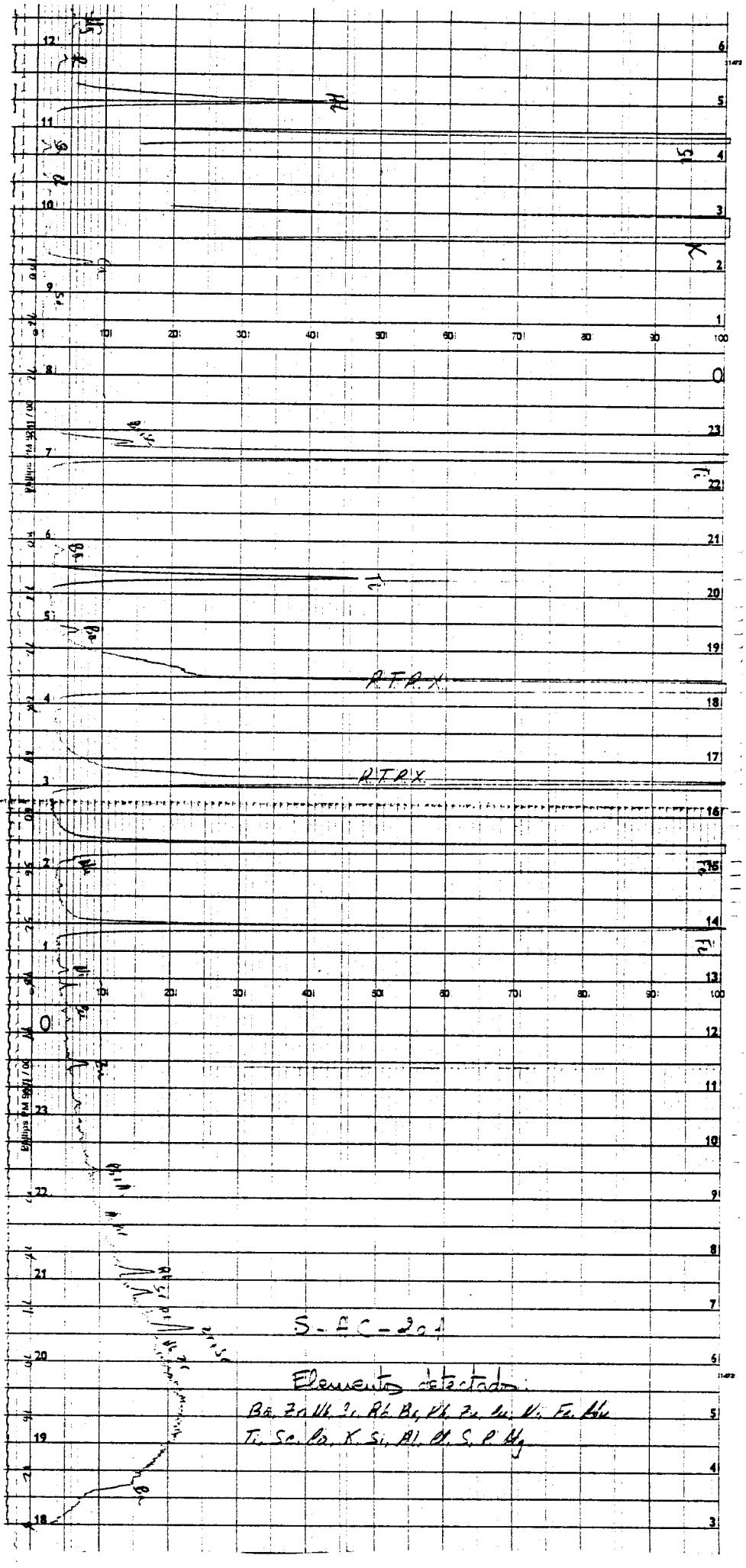

RTRX
RTRX
S-AC-195
Elementos detectados
Ba, Zr, Nb, Sr, Pb, Pb, Zn, Cu, Ni, Fe, Mn, Ti,
Co, Sb, K, Si, Al, P, Mg, Ba

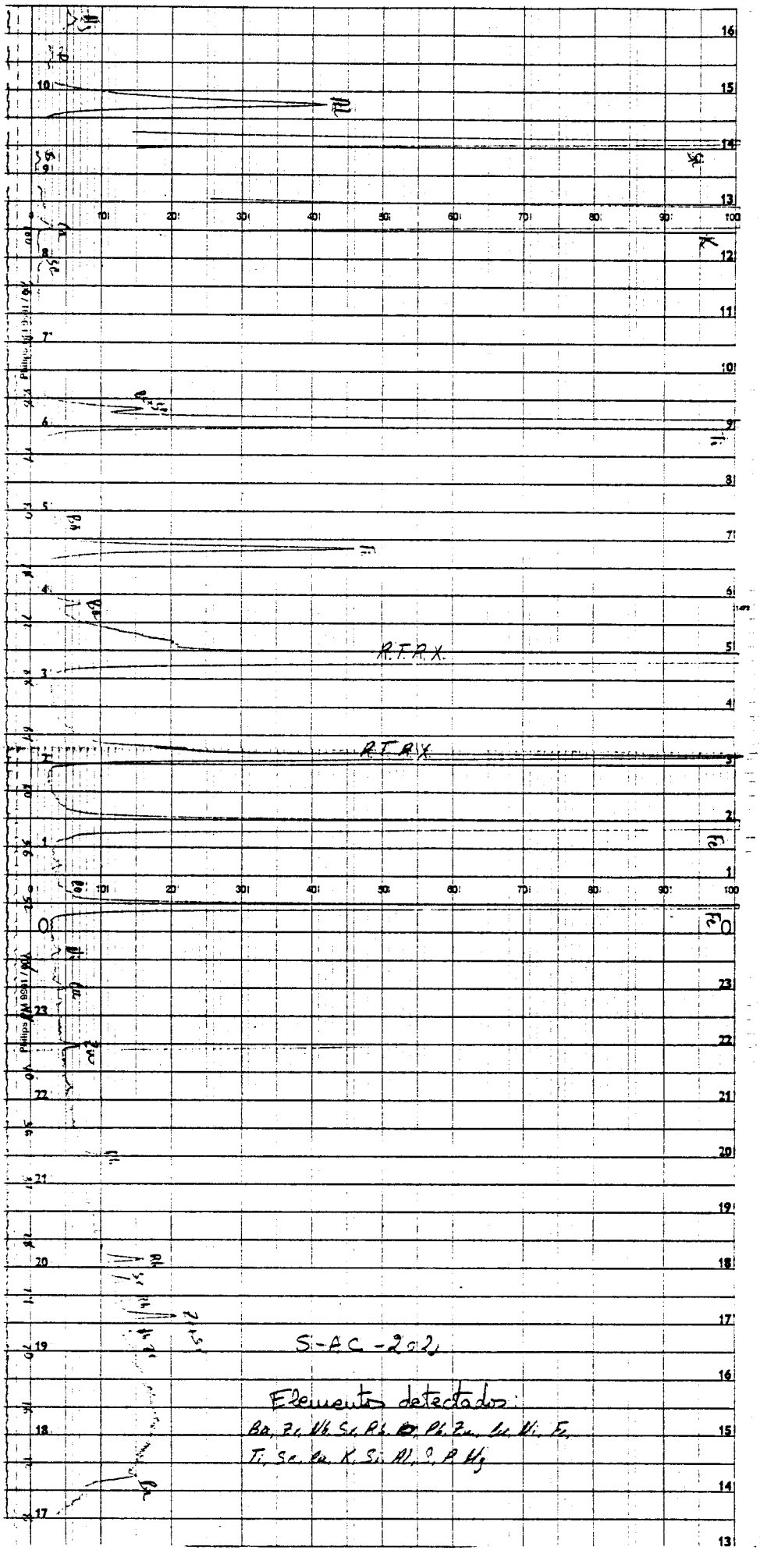

R.T.R.X
R.T.R.X
S-AC-177
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, Si, Al, Cl, S, P, Mg, Br

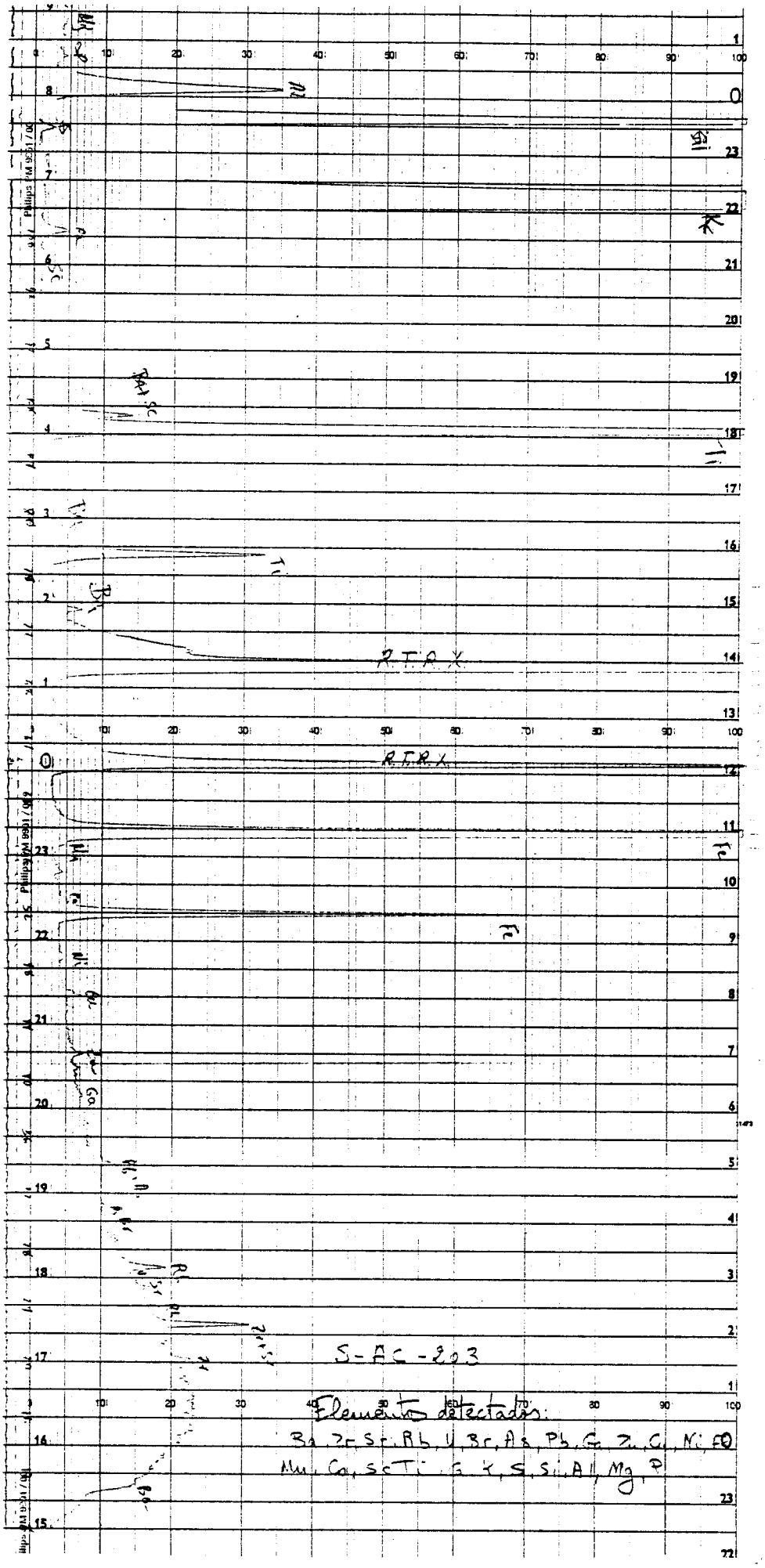

ATRX
ATRX
S-FC-198
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Co, Mn
Ti, Se, Ca, K, Si, Al, S, P, Mg, Cr

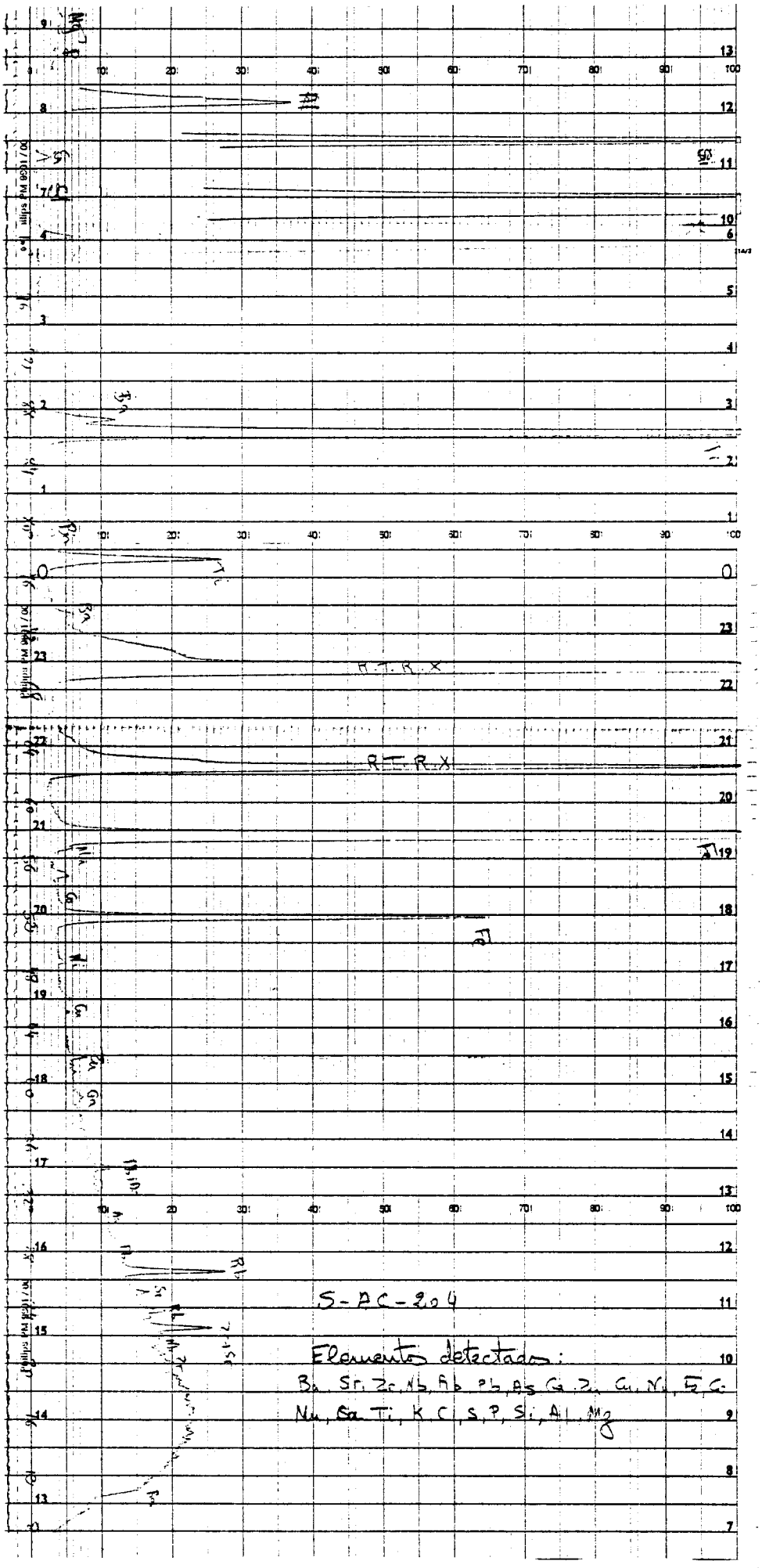

RTRX
RTRX
S-2C-199
Elementos detectados:
Ba, Zr, Nb, Sc, Rb, Pb, Zn, Cu, V, Fe, Co, Ti
Ge, Ca, K, Si, Al, S, P, Mg, Cl

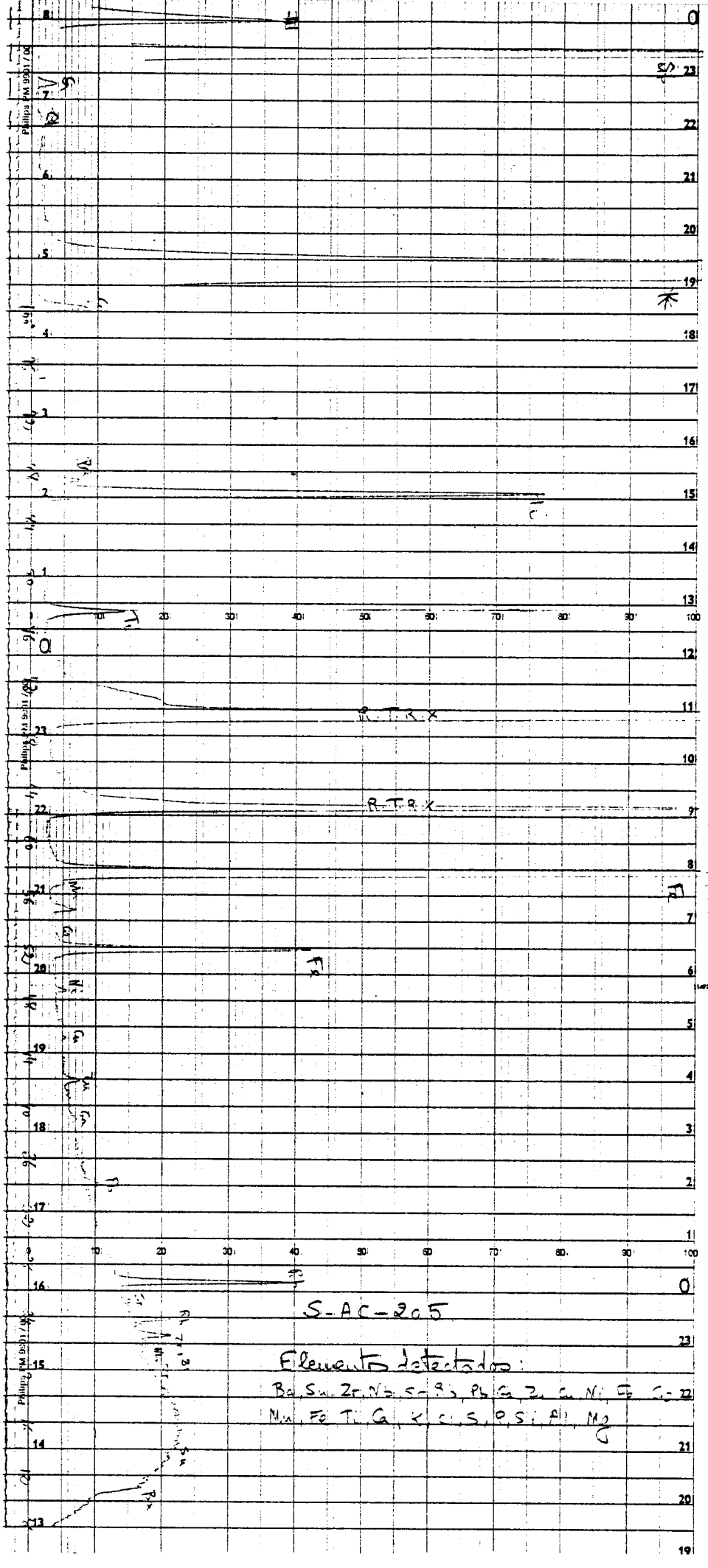

ATAX
ATAX
S-AC-200
Elementos detectados:
Ba, Zr, Mn, Sr, Rb, Pb, Zn, Cu, V, Fe, Ca, Mn
Ti, Sc, Ca, K, Si, Al, Cl, S, P, Mg, Br

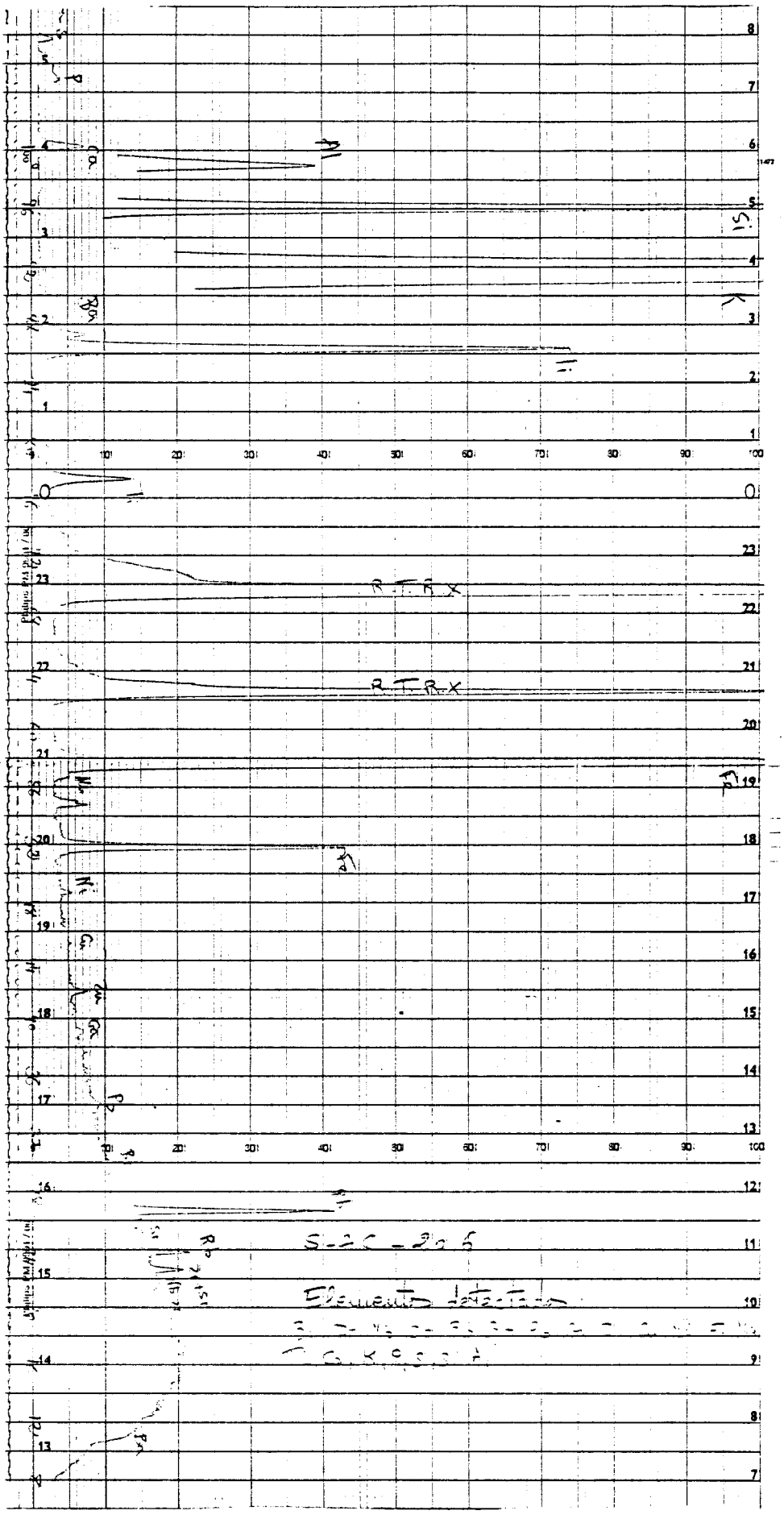

RTA.X
RTR.X
S-EC-201
Elementos detectados:
Ba, Zn, Mn, Ni, Rb, Br, Pb, Zr, Cu, V, Fe, Mo
Ti, Sc, Ca, K, Si, Al, Cl, S, P, Mg

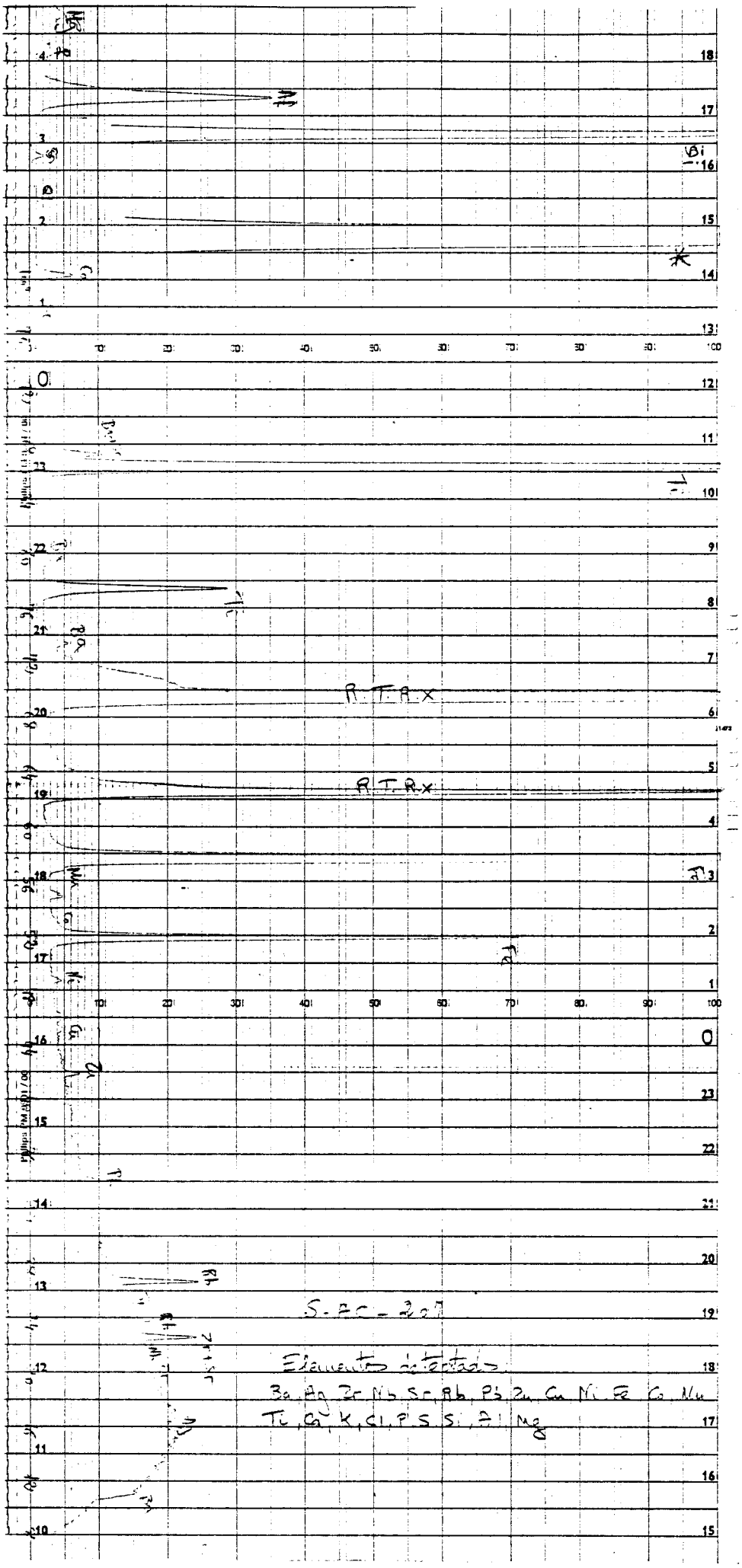

RTRX
RTRX
SI-AC-202
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe,
Ti, Sc, Ca, K, Si, Al, ?, P, Mg

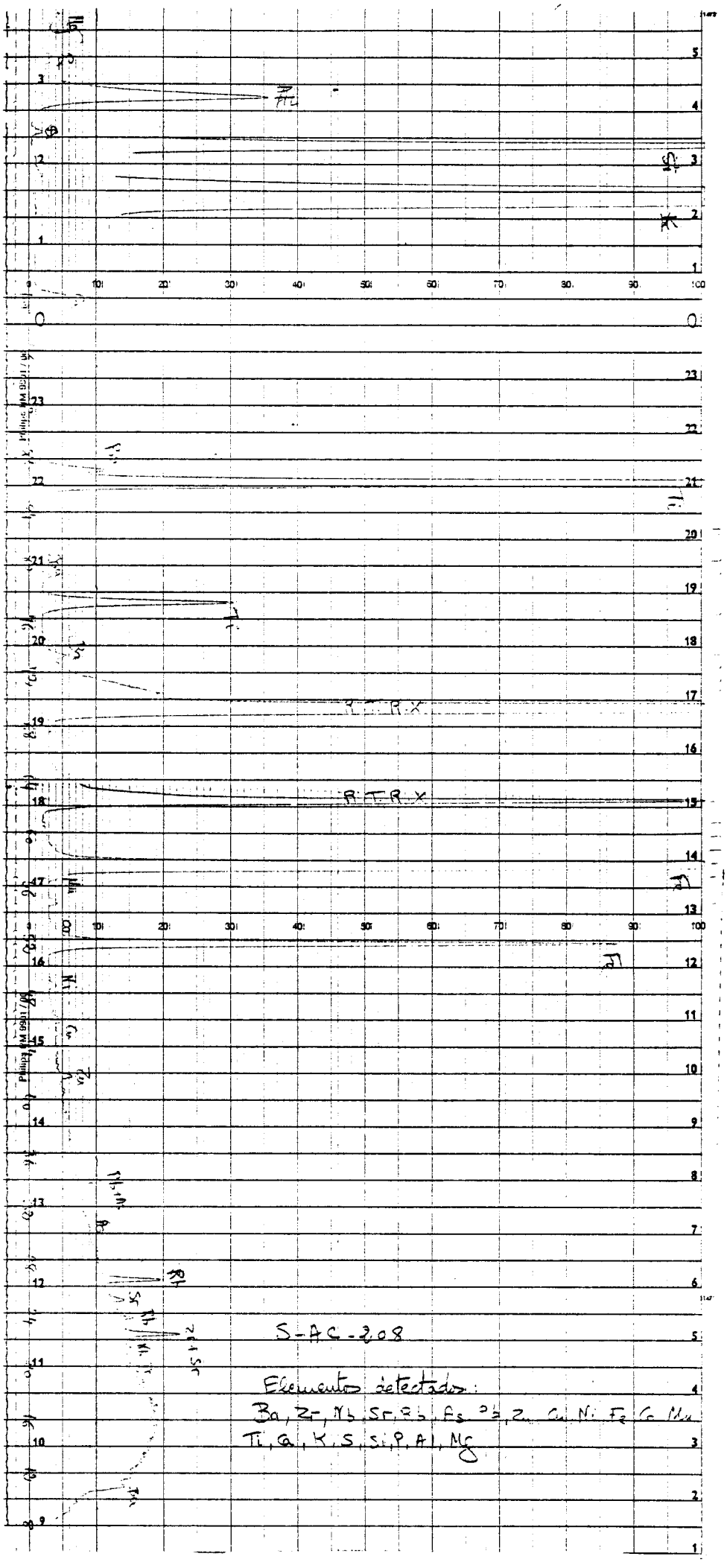

RTAX
RTRX
Fe
S-AC-203
Elementos detectados:
Ba Zr Sr Rb U Br As Pb Cr Zn Cu Ni Fe
Mn Ca Sc Ti Cl K S Si Al Mg P

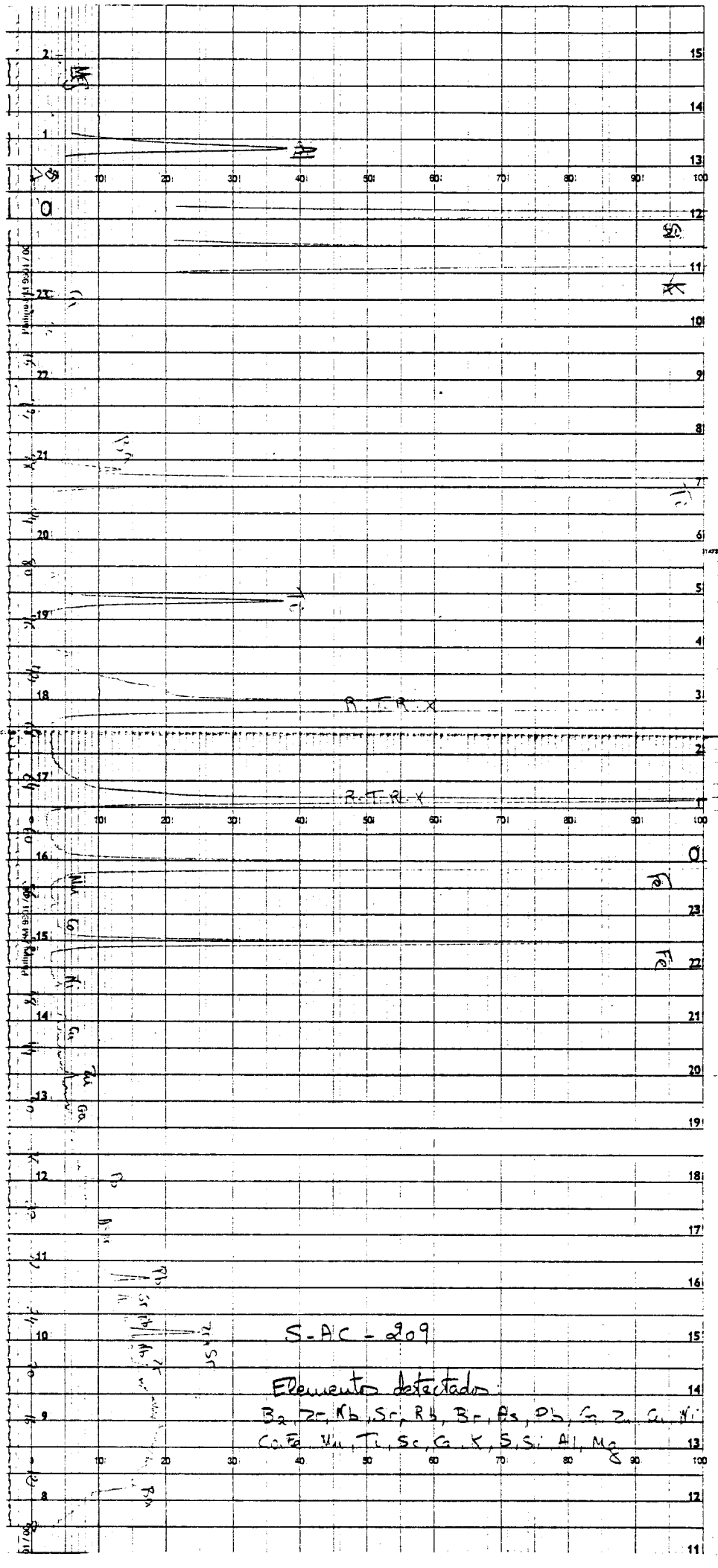

S-AC-204
Elementos detectados:
Ba, Sr, Zr, Nb, Rb, Pb, As, Ga, Zn, Cu, Ni, Fe, Co,
Mn, Cr, Ti, K, Cl, S, P, Si, Al, Mg

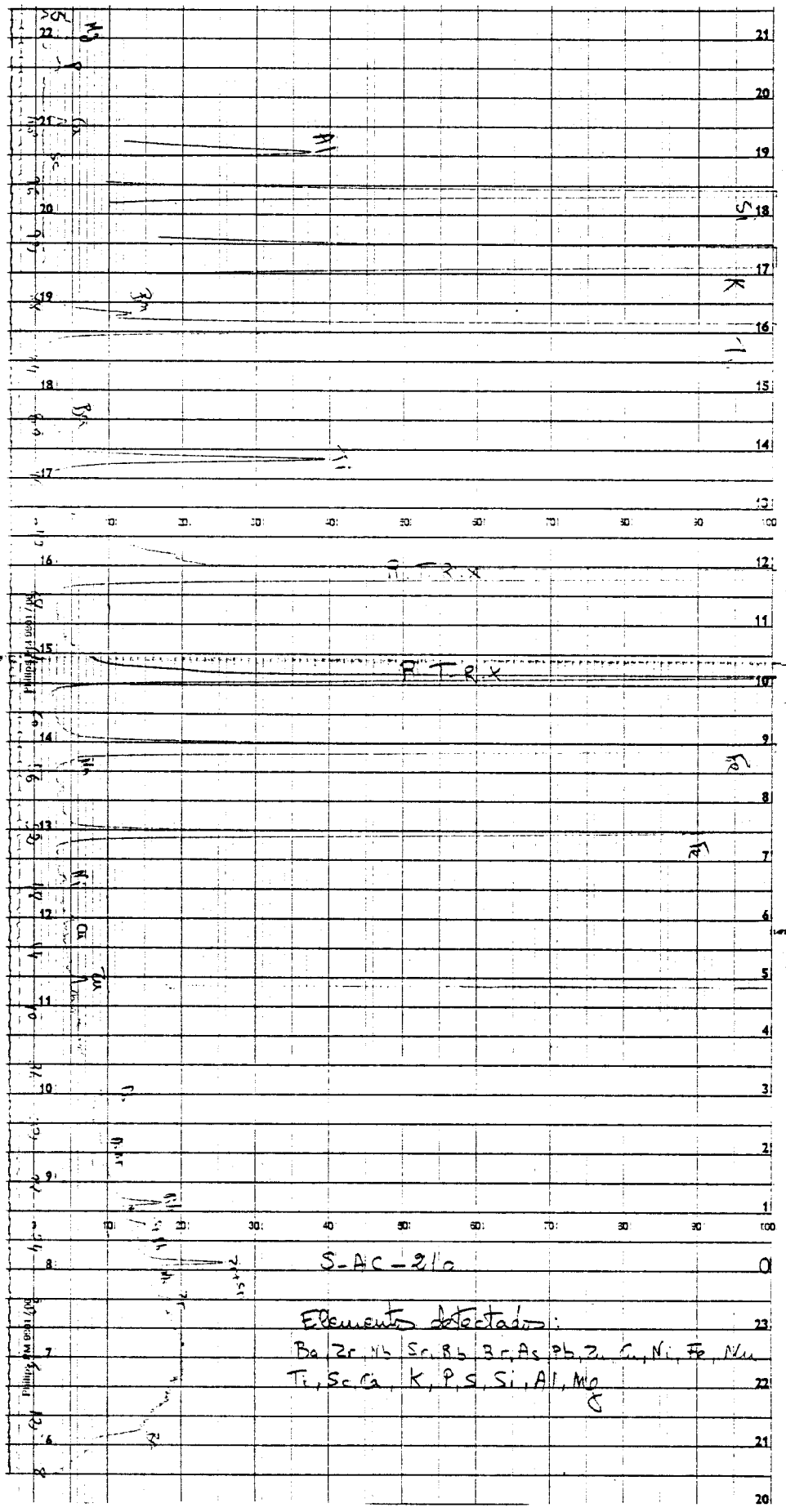

S-AC-205
Elementos detectados:
Ba, Sn, Zr, Nb, Pb, Ga, Zn, Cu, Ni, Th, Co, Mn, Fe, Ti, Ca, K, Cl, S, P, Si, Al, Mg
RTRX
RTRX

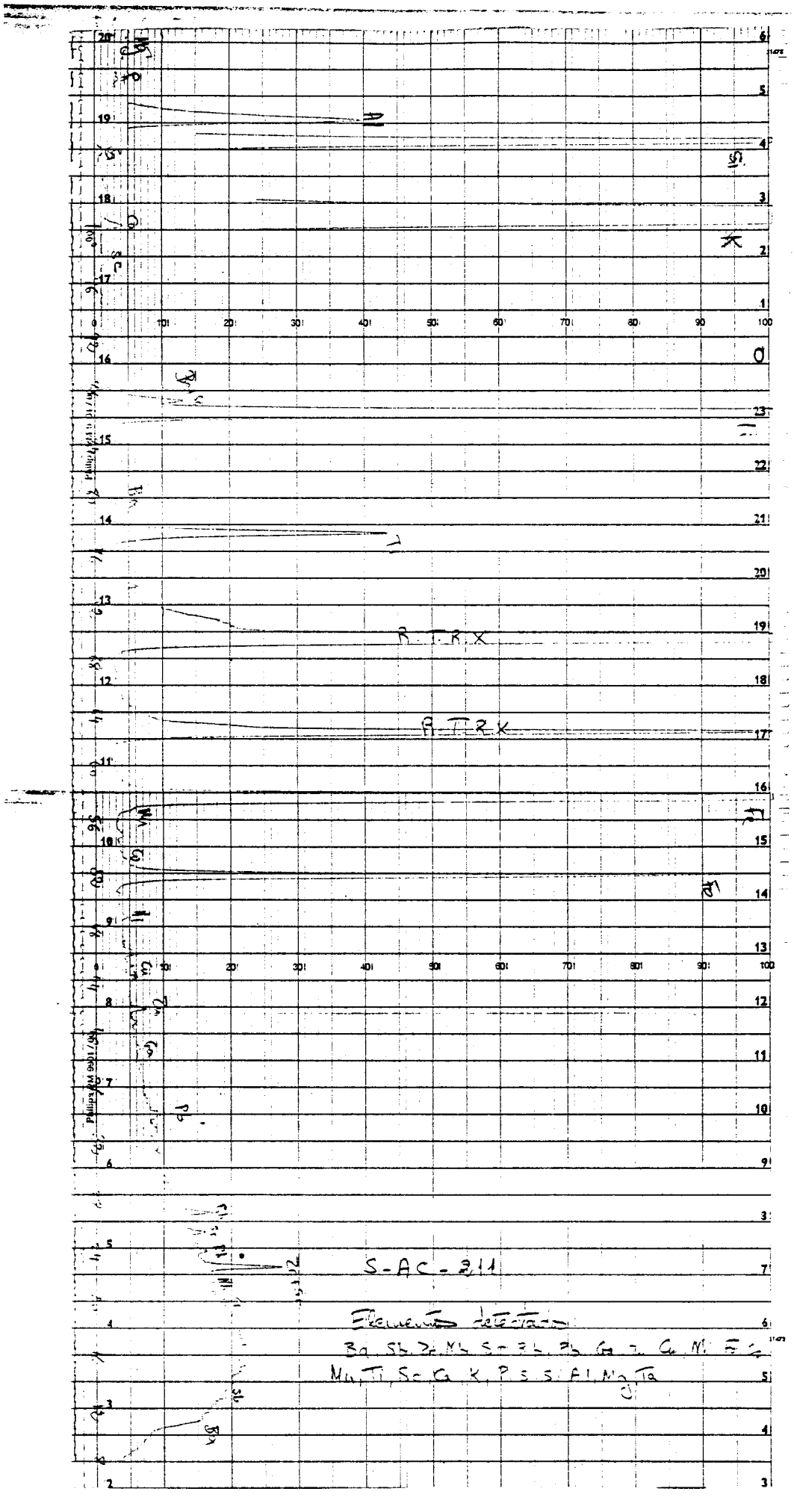

RTRX
RTRX
Element detection

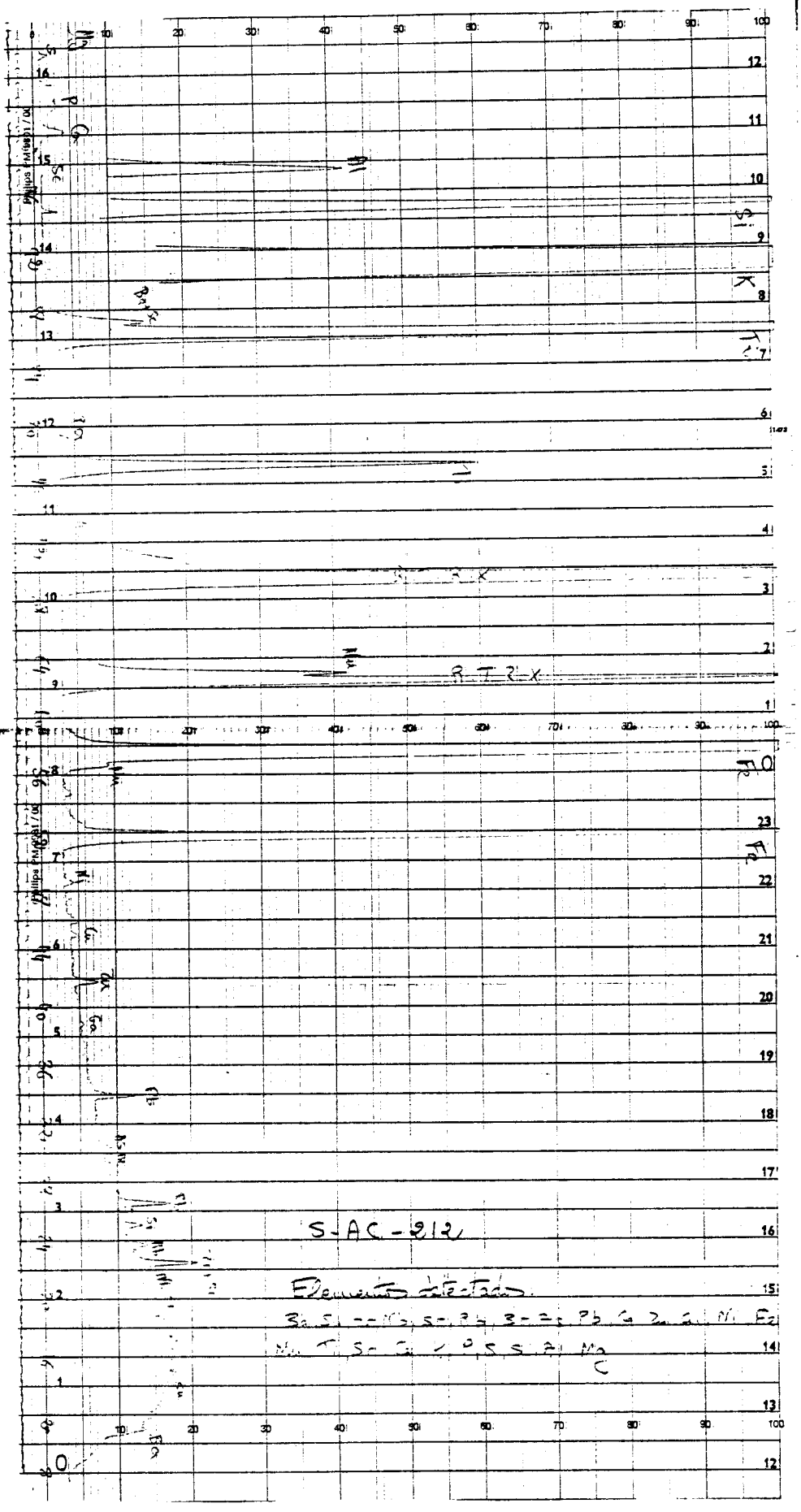

R.T.R.X
R.T.R.X
S-AC-207
Elementos detectados:
Ba, Ag, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Co, Mn
Ti, Ca, K, Cl, P, S, Si, Al, Mg

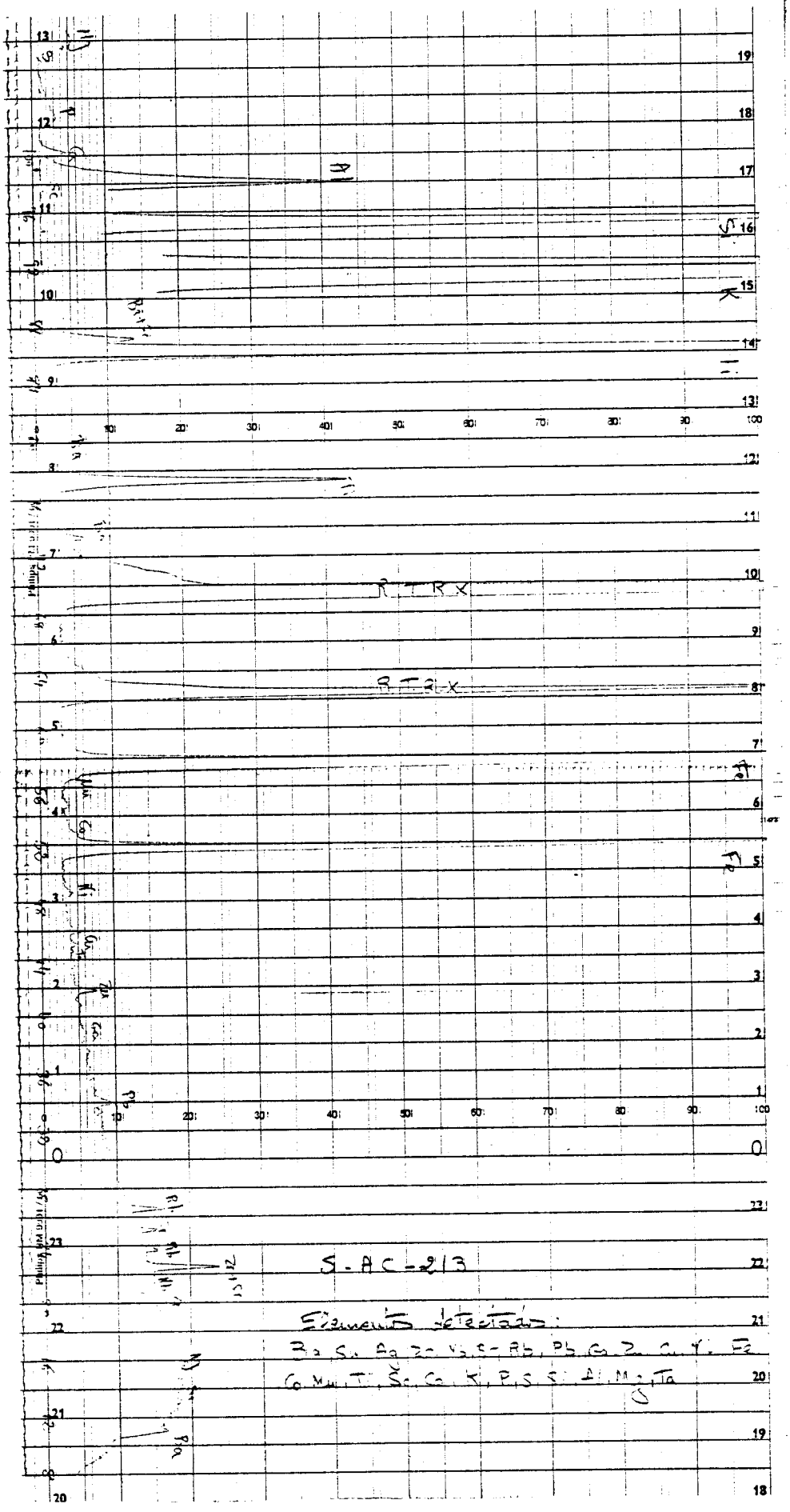

S-AC-208
Elementos detectados:
Ba, Zr, Nb, Sr, Pb, Fe, Pb, Zn, Cu, Ni, Fe, Cr, Mn
Ti, Ca, K, S, Si, P, Al, Mg

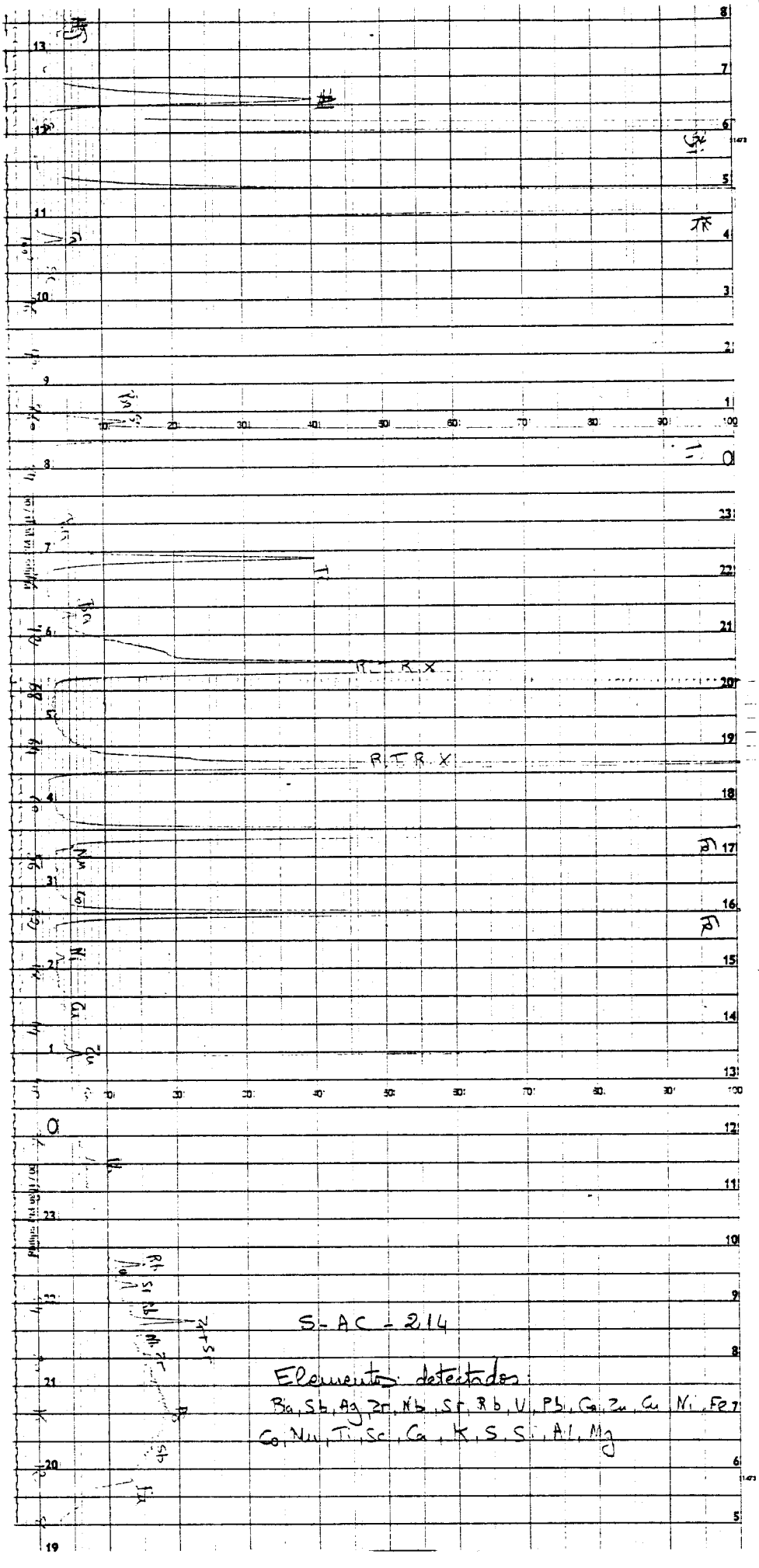

S-AC-209
Elementos detectados:
Ba Zr, Rb, Sr, Rb, Br, As, Pb, Cu, Zn, Cu, Ni
Co, Fe, V, Ti, Sc, Ca, K, S, Si, Al, Mg

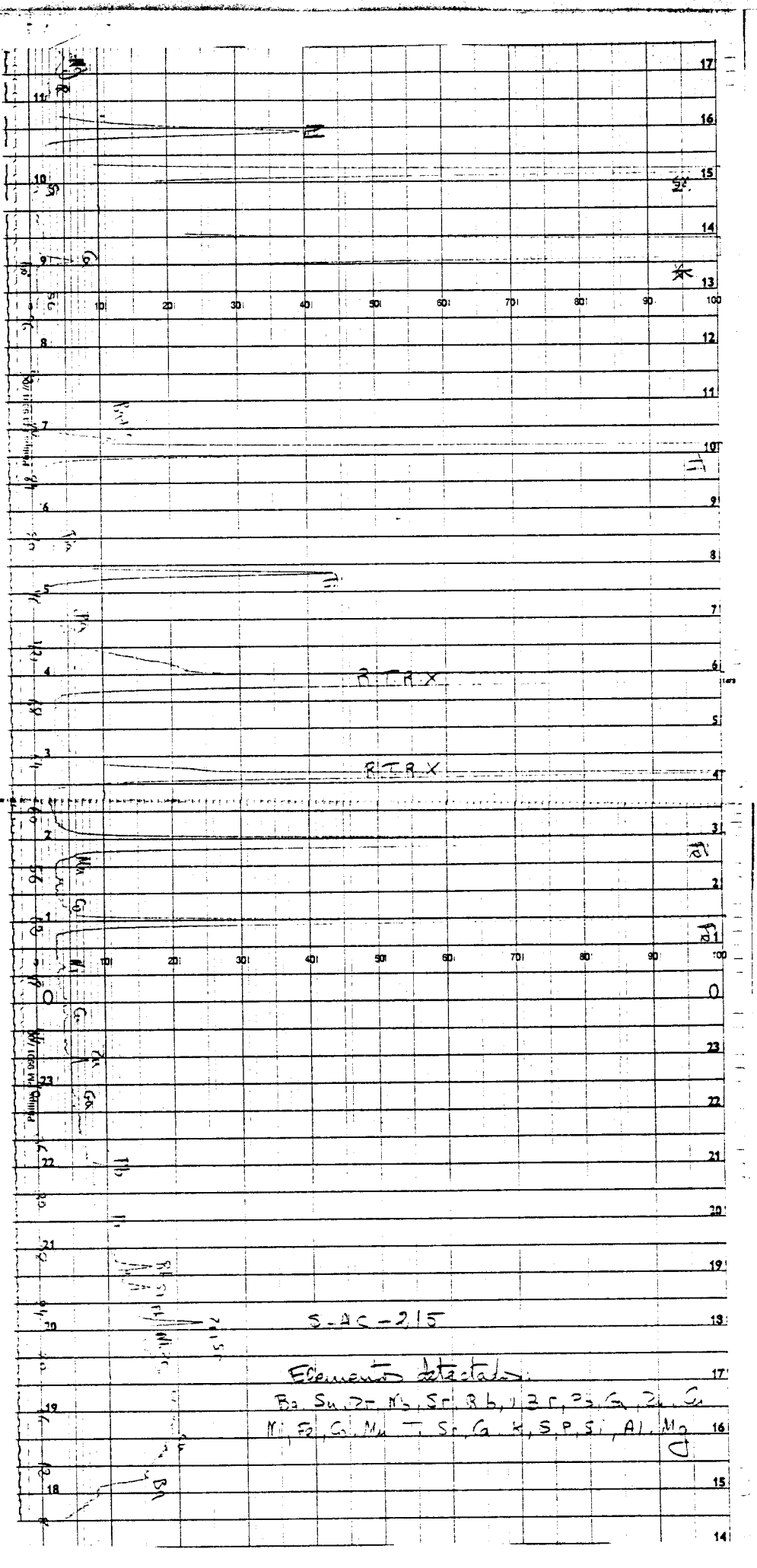

S-AC-21a
Elementos detectados:
Ba Zr Nb Sc Rb Br As Pb Zn Cu Ni Fe Mn
Ti Sc Ca K P S Si Al Mg
C

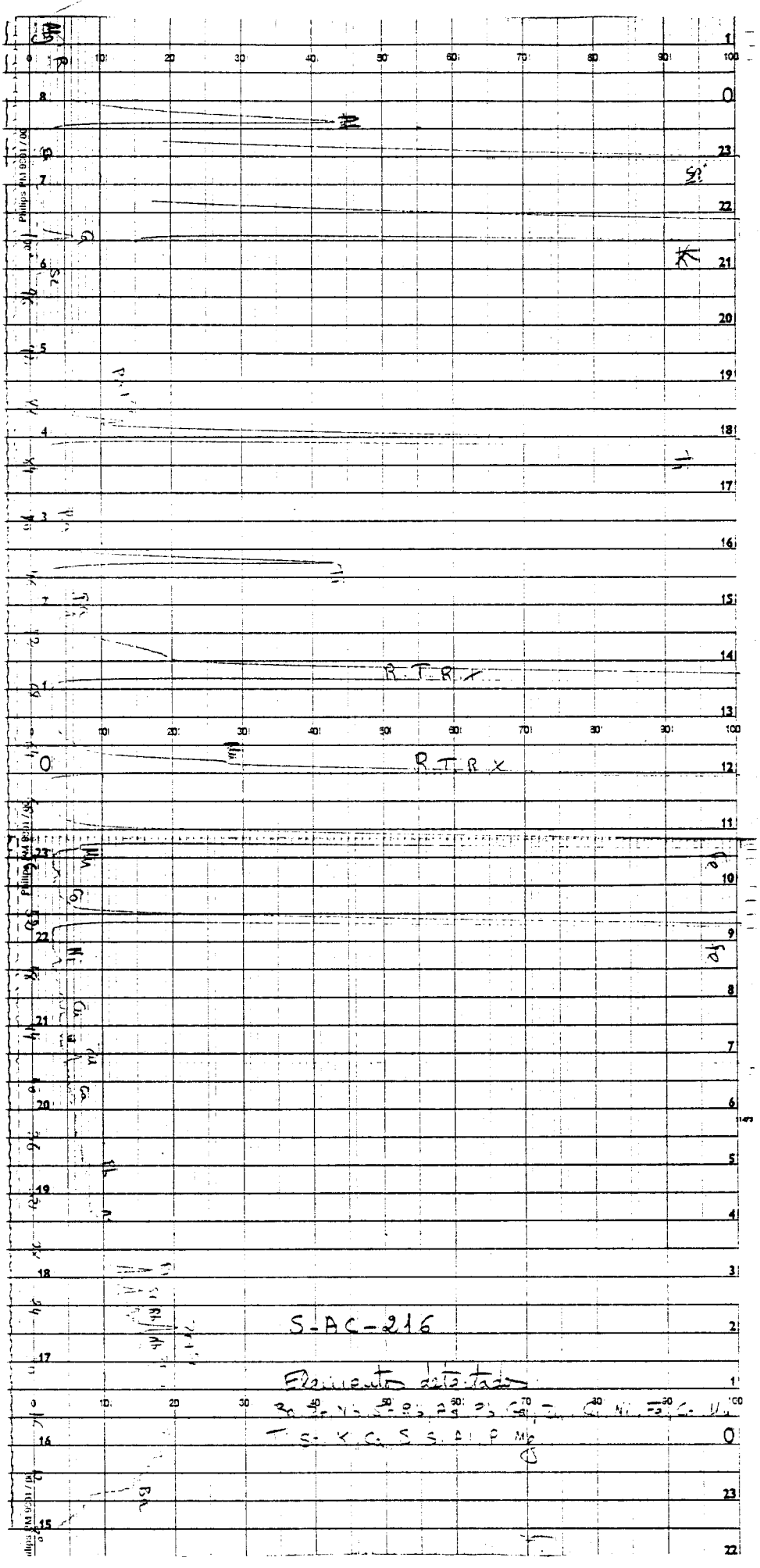

R.T.R.X
R.T.R.X
S-AC-211
Elementos detectados
Ba, Sb, Zr, Mn, Sr, Rb, Pb, Ga, Cu, Ni, Fe
Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg, Ta

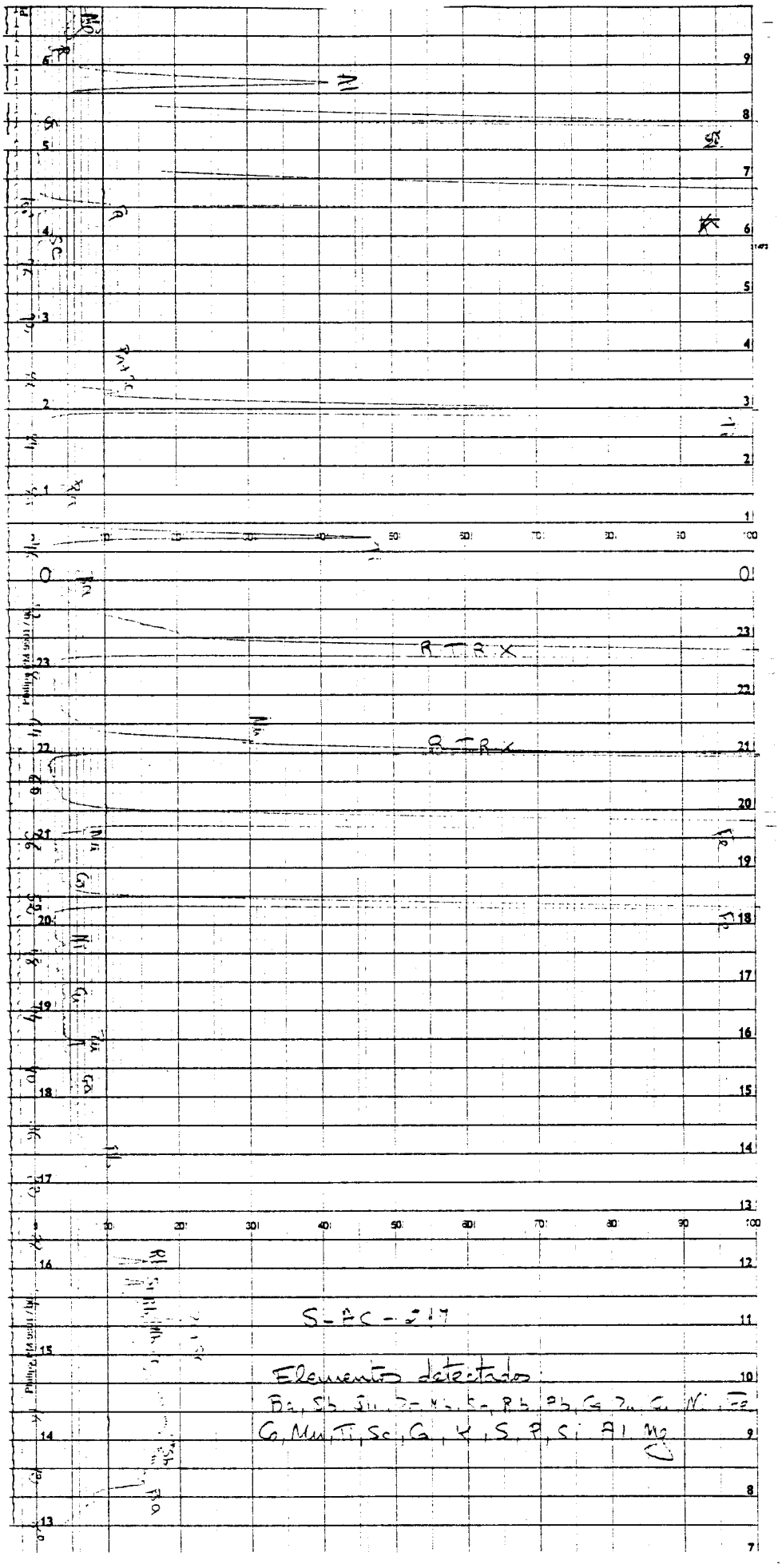

S-AC-212

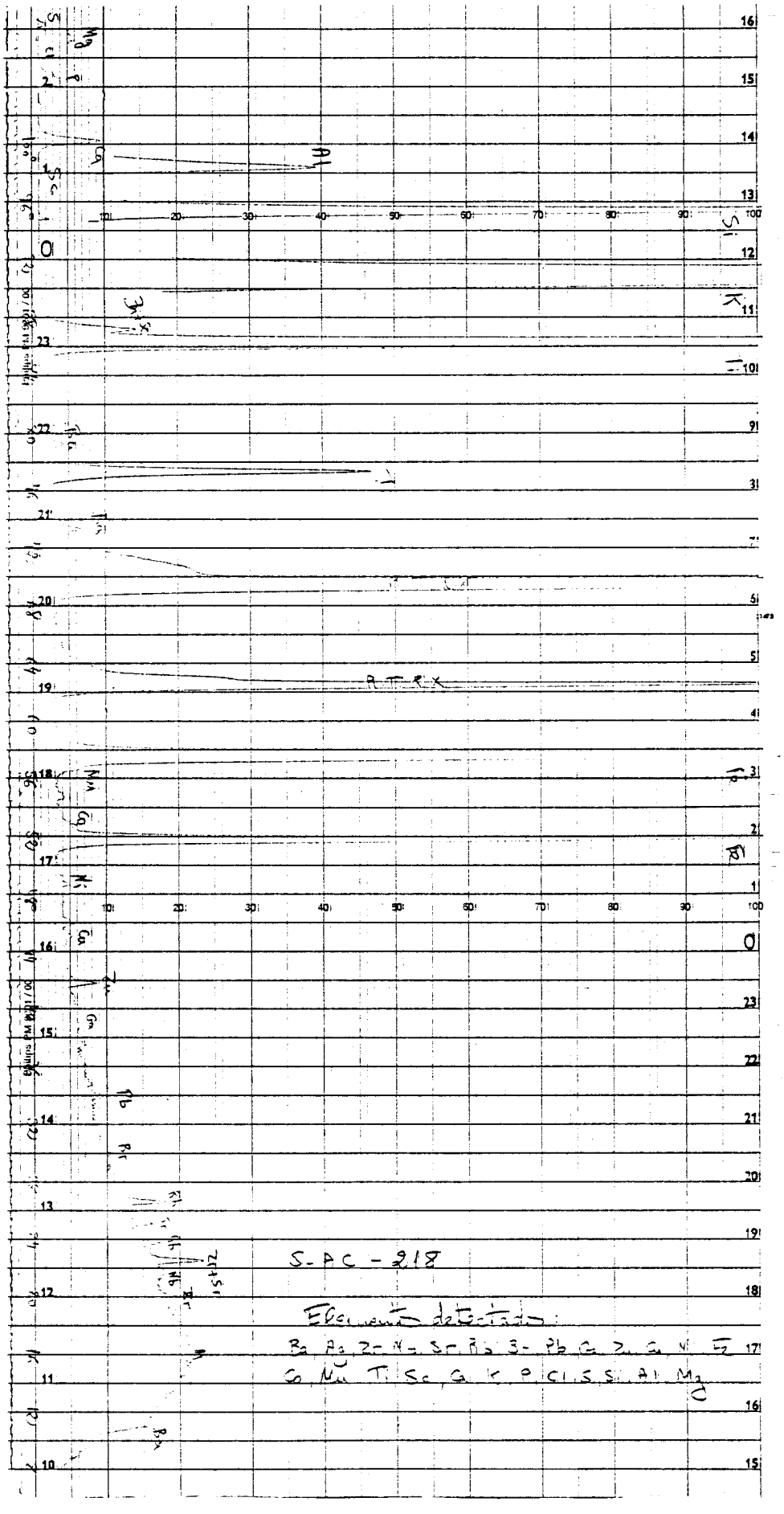

S-AC-213
Elementos detectados:
Ba, Sn, Ag, Zn, Yb, Sr, Rb, Pb, Ga, Zr, Cu, Y, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg, Ta

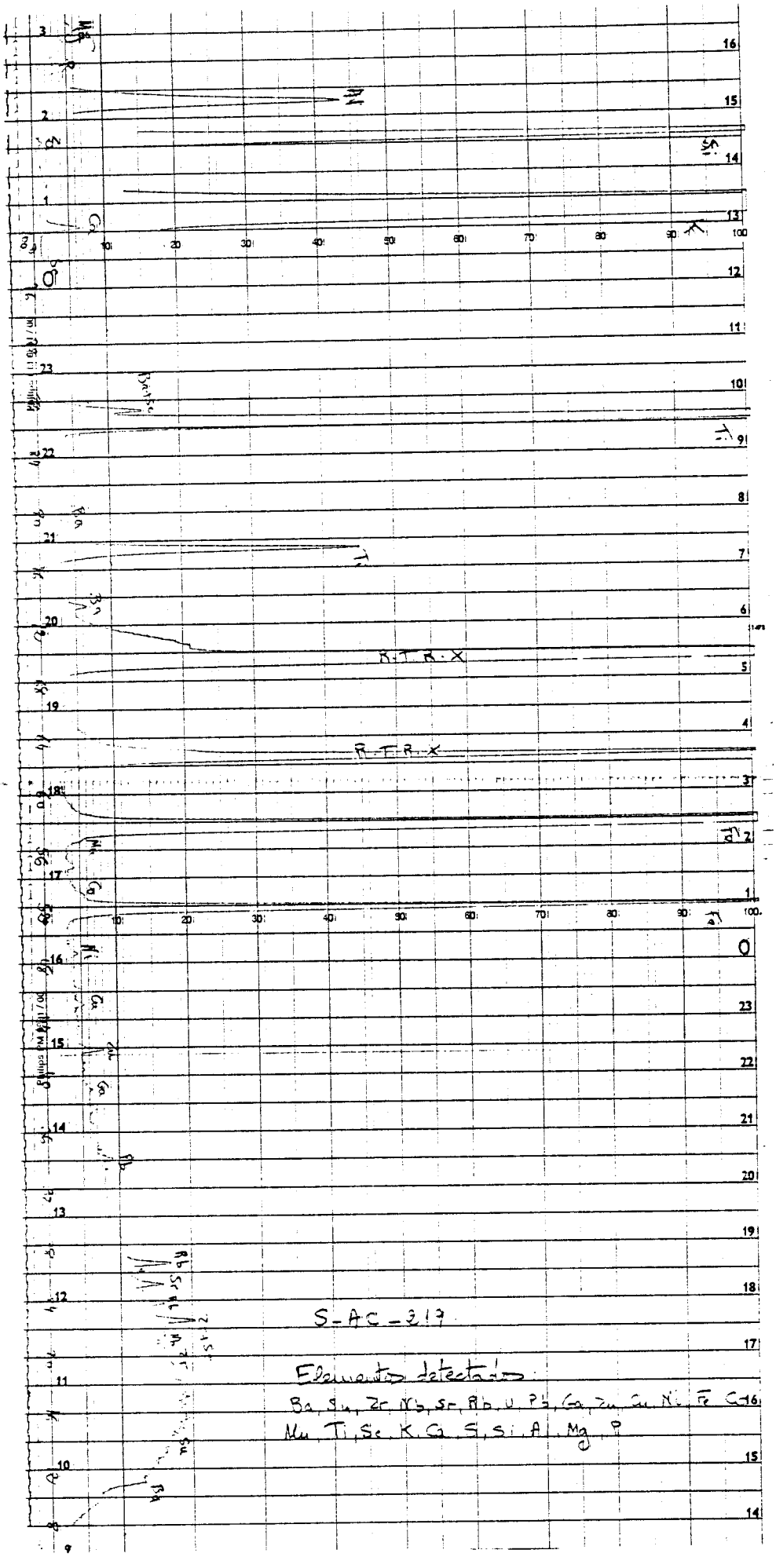

S-AC-214
Elementos detectados:
Ba, Sb, Ag, Zr, Nb, Sr, Rb, U, Pb, Ga, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, S, Si, Al, Mg

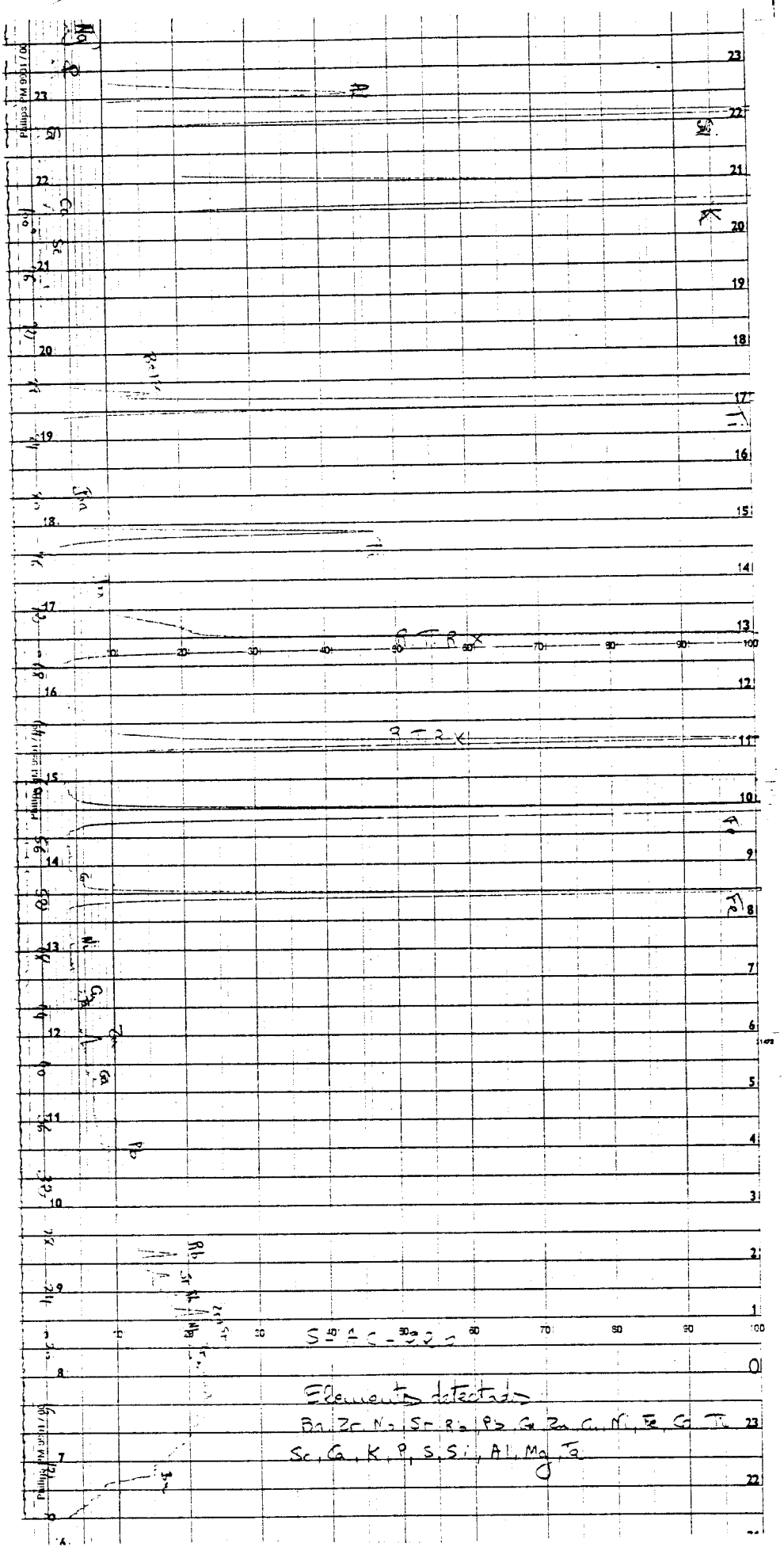

RTRX
RTRX
S-AC-215
Elementos detectados:
Ba Sn Zr Nb Sr Rb Y Zr Pb Ga Zn Cu
Ni Fe Cr Mn Ti Sr Ca K S P Si Al Mg

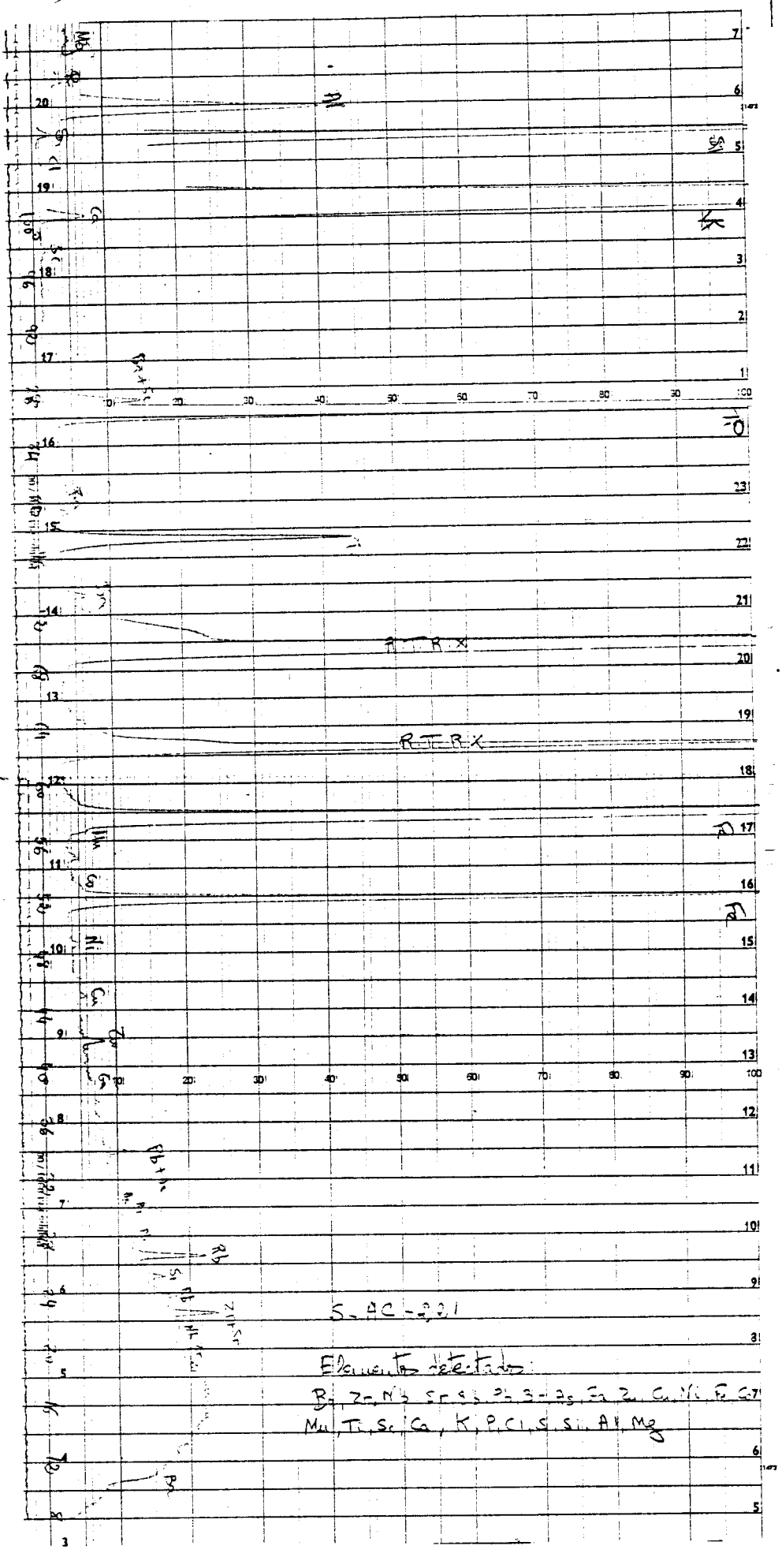

R T R X
R T R X
S-AC-216

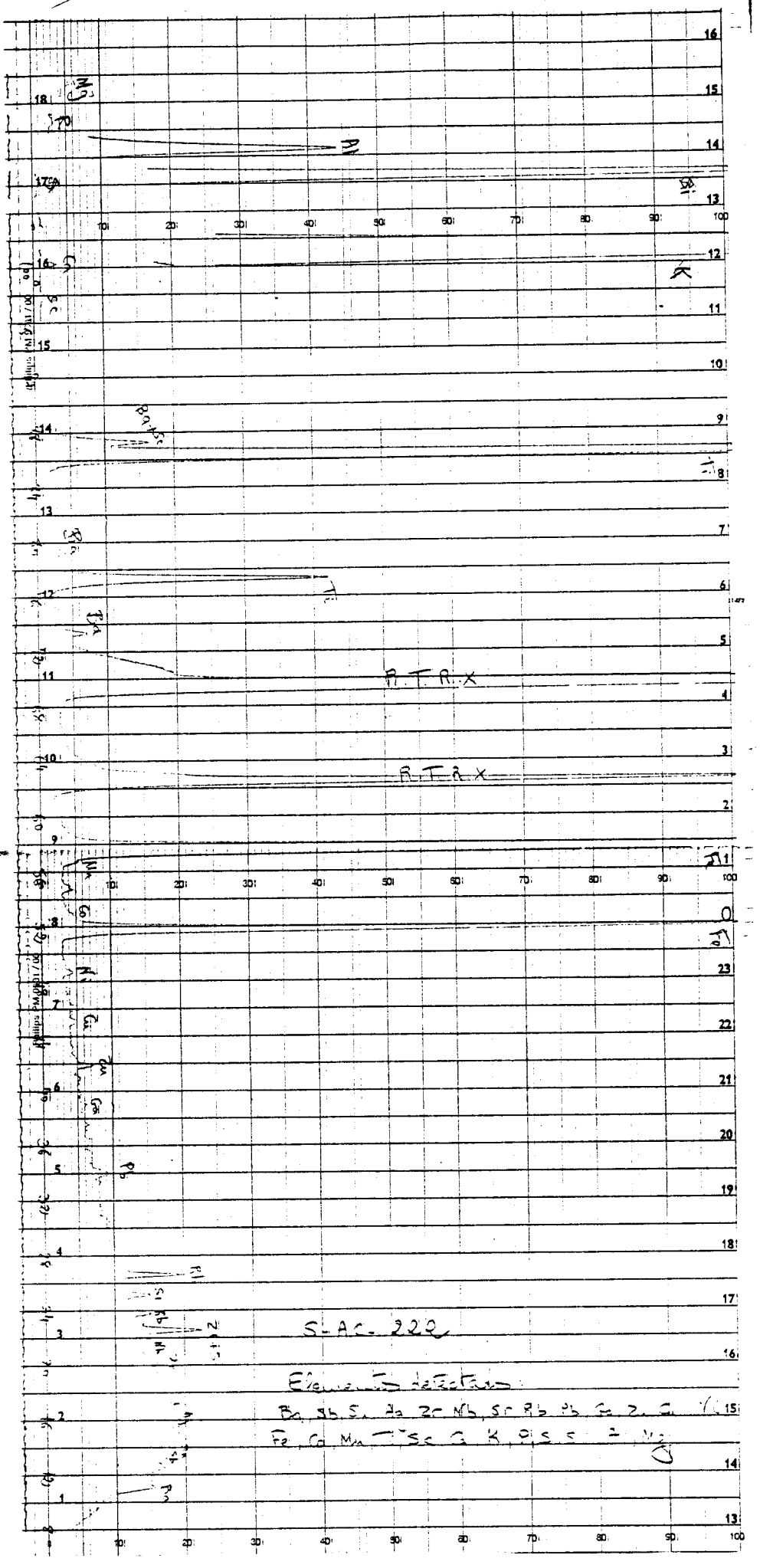

RTRX
RTRX
S-AC-217
Elementos detectados:
Ba, Sb, Sn, Zr, Mn, Sr, Rb, Pb, Cd, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, S, P, Si, Al, Mg

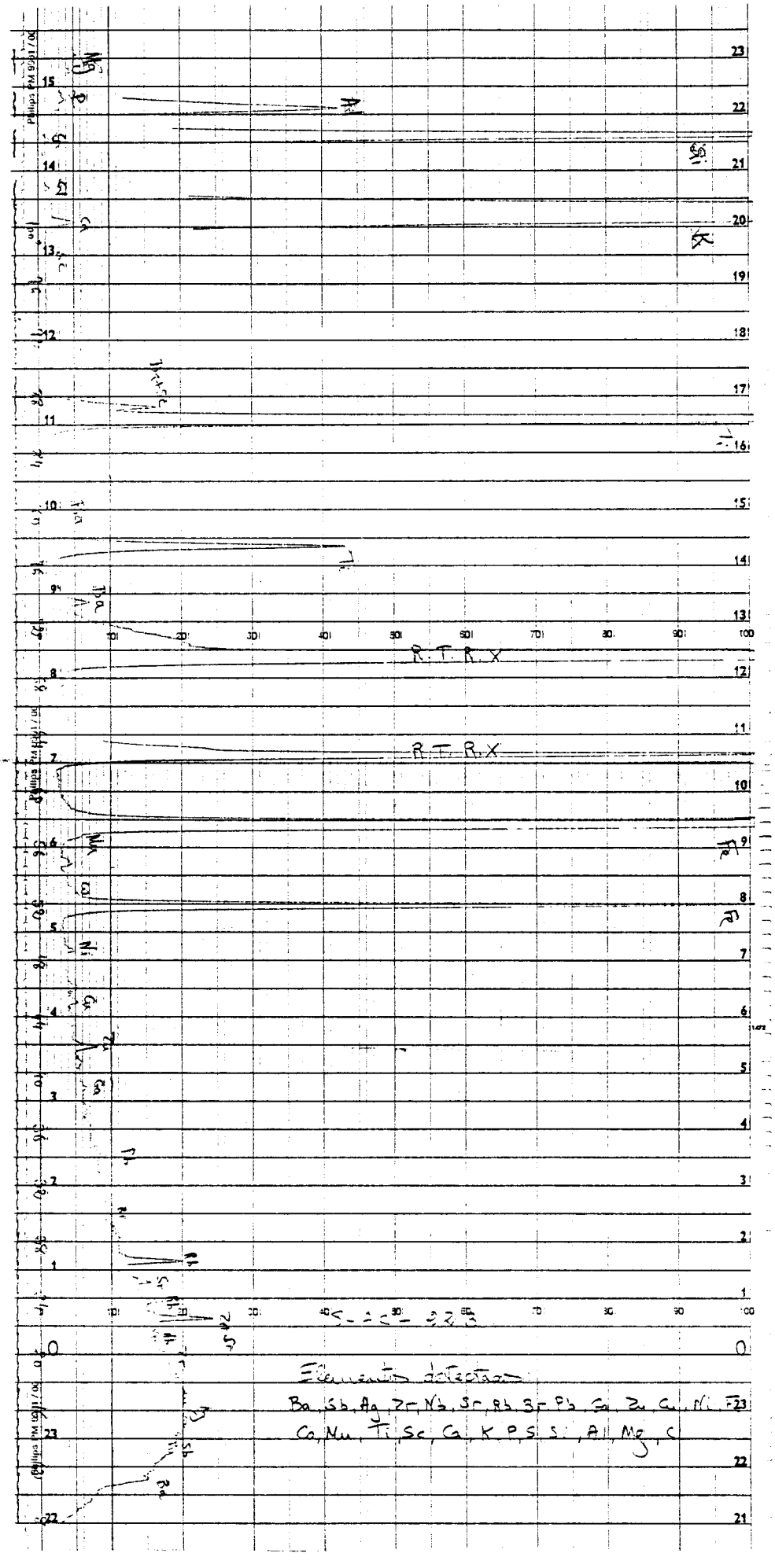

S-AC-218
Elementos detectados:
Ba, Ag, Zr, Ni, Sr, Rb, Br, Pb, Ca, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

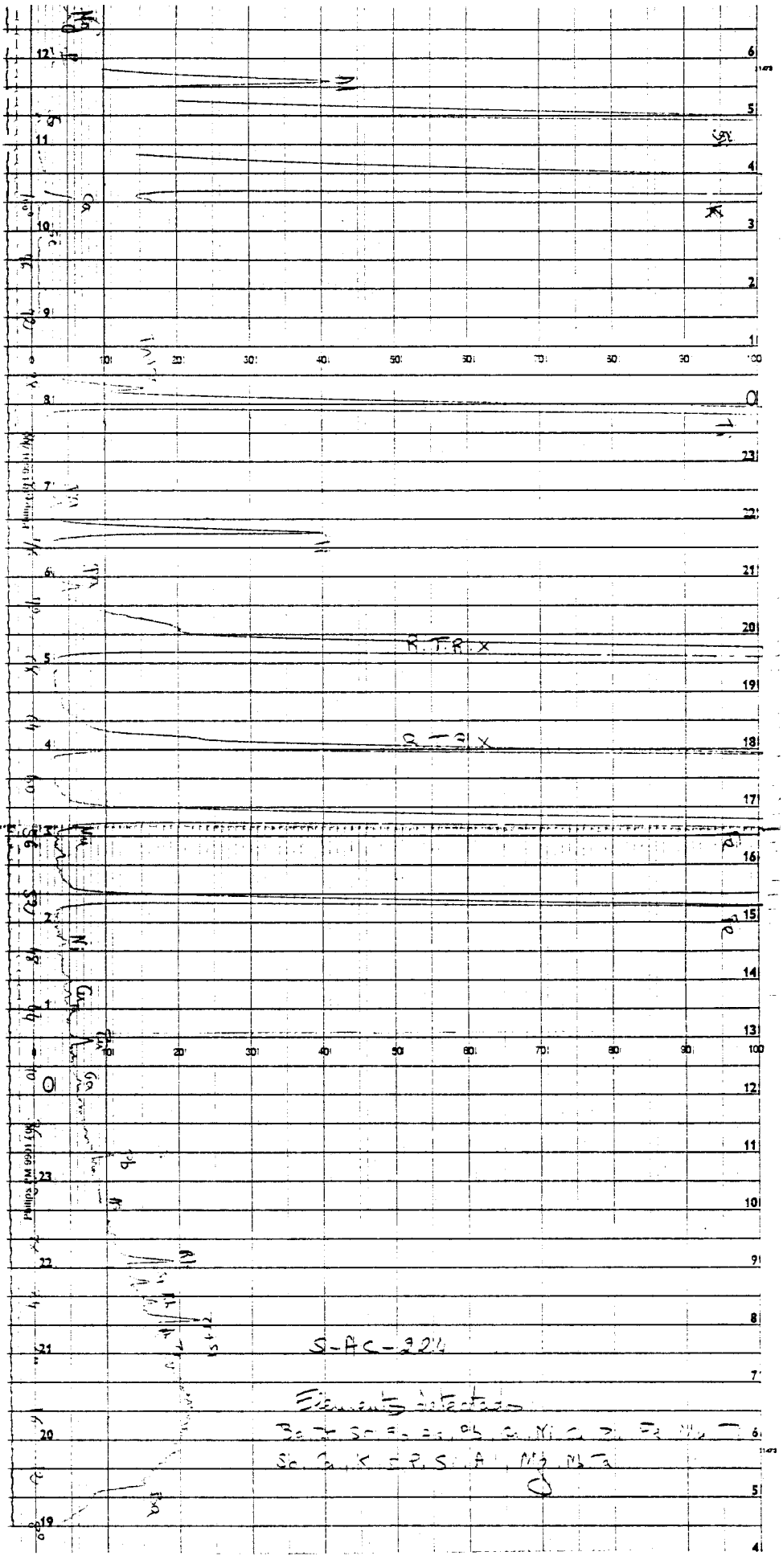

R.T.R.X
R.T.R.X
S-AC-317
Elementos detectados:
Ba, Sn, Zr, Nb, Sr, Rb, U, Pb, Ga, Zn, Cu, Ni, Fe, Cr, Mn, Ti, Sc, K, Ca, S, Si, Al, Mg, P

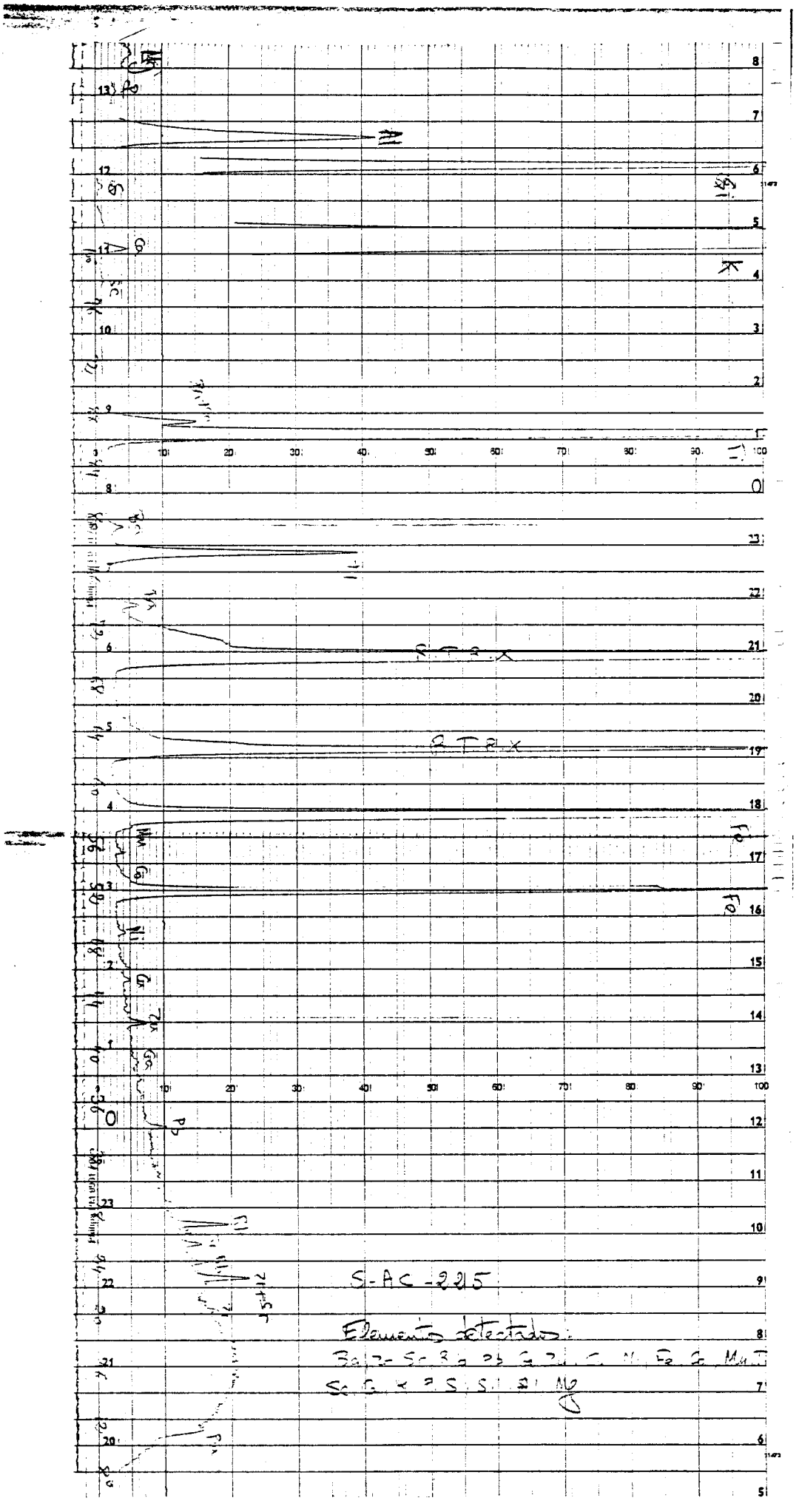

Elements detected:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Cr, Ti
Sc, Ca, K, P, S, Si, Al, Mg, Na

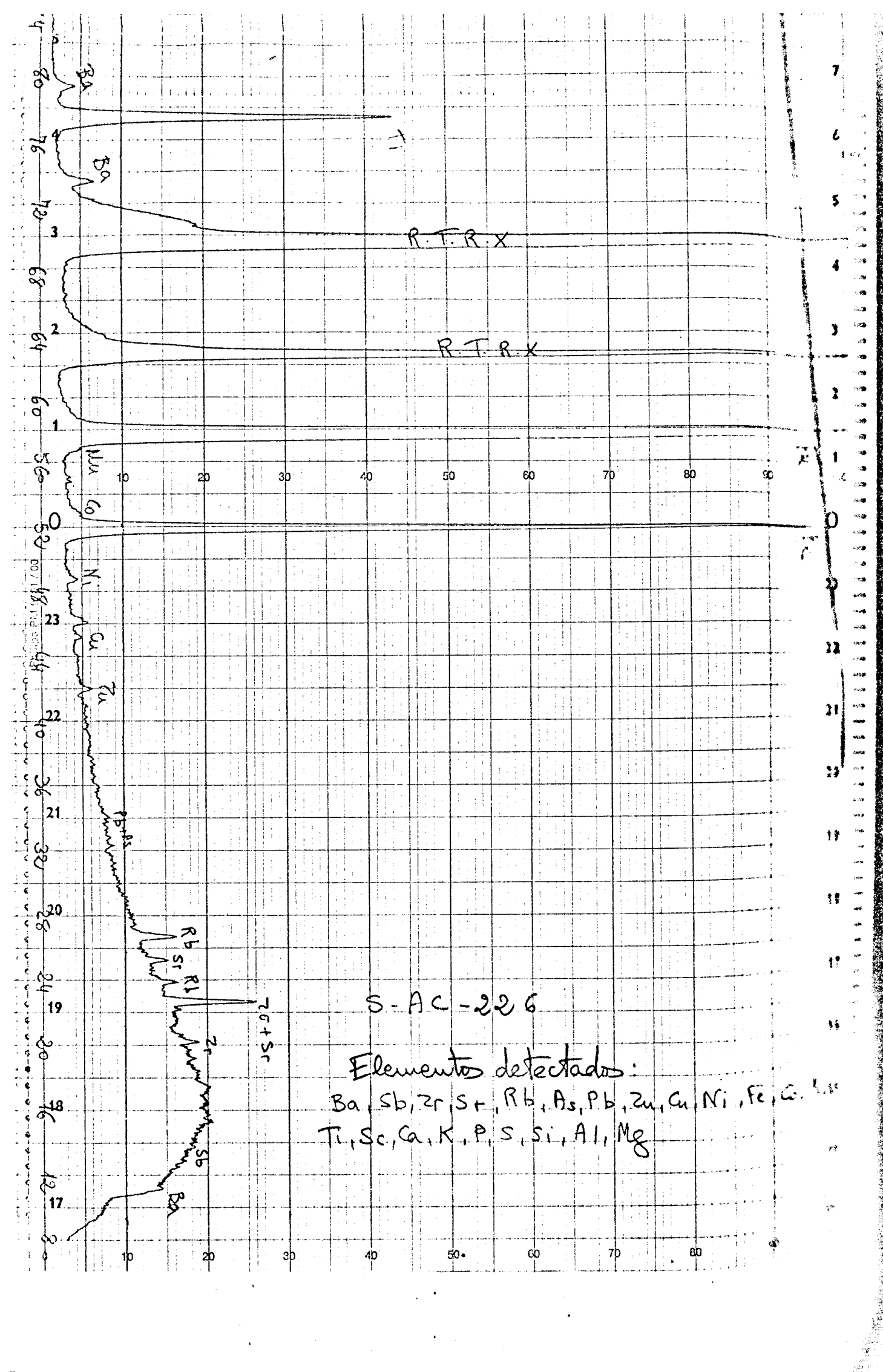

R T R X
R T R X
S-AC-221
Elementos detectados:
Ba, Zr, Nb, Sr, Sb, Pb, Br, As, Fe, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


R.T.R.X
R.T.R.X
S-AC-222
Elements detectors
Ba, Sb, Si, Ag, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu
Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg


R.T.R.X
R.T.R.X
Elements detectes
Ba, Sb, Ag, Zr, Nb, Sr, Rb, Br, Pb, Cd, Zn, Cu, Ni, Fe
Ca, Mn, Ti, Sc, Cl, K, P, S, Si, Al, Mg, C


R.T.R.x
S-AC-224


S-AC-225
Elementos detectados:

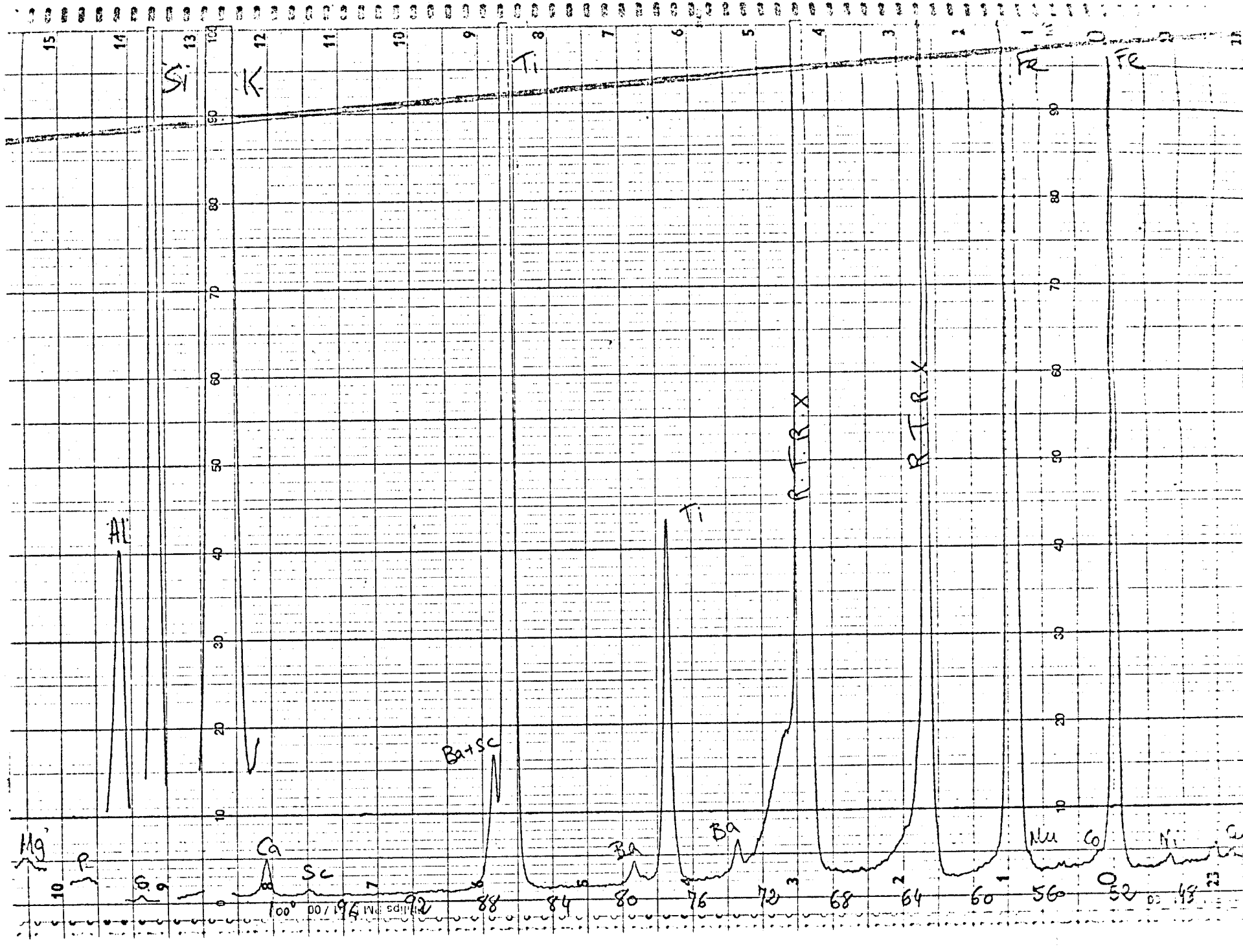


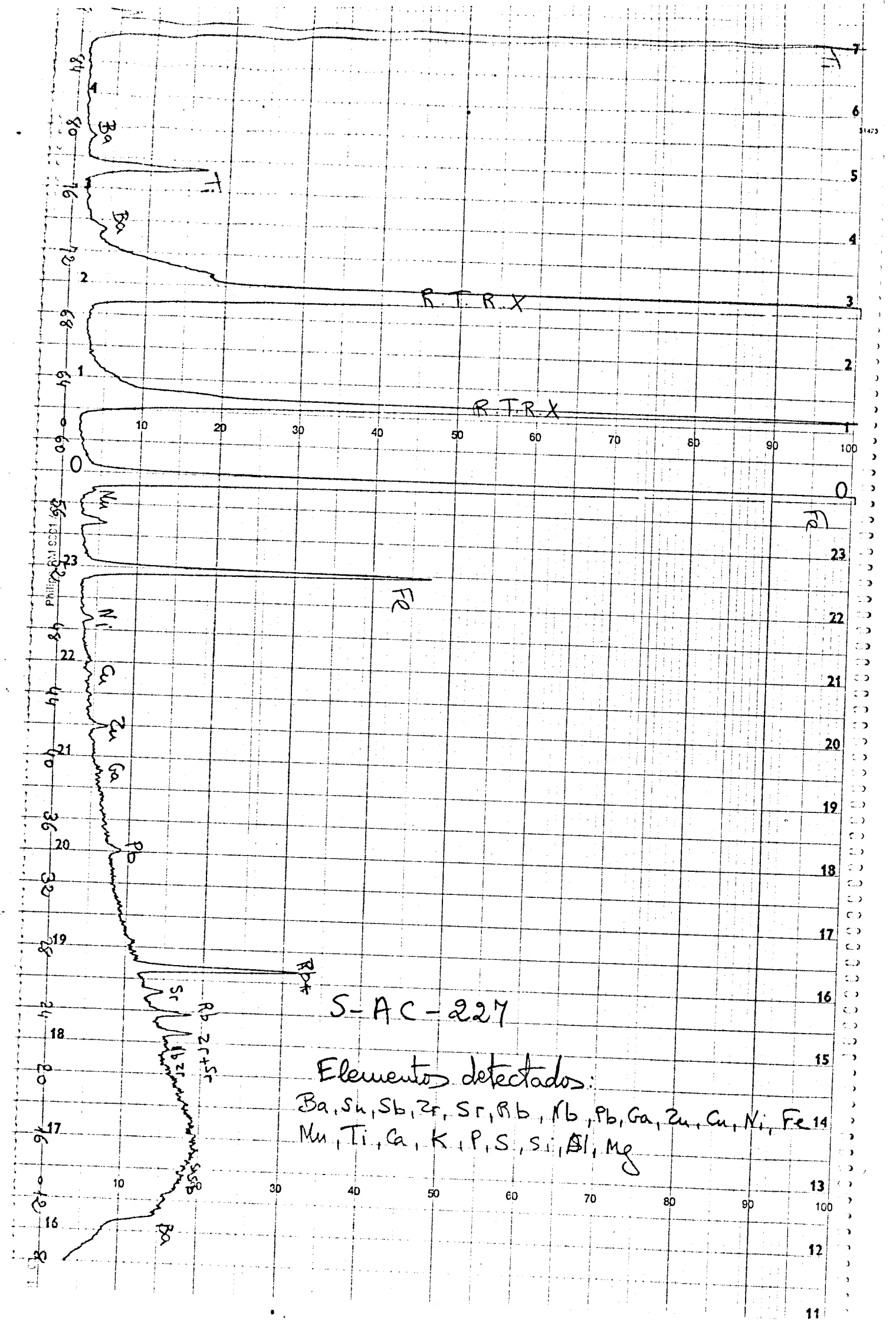
S-AC-226

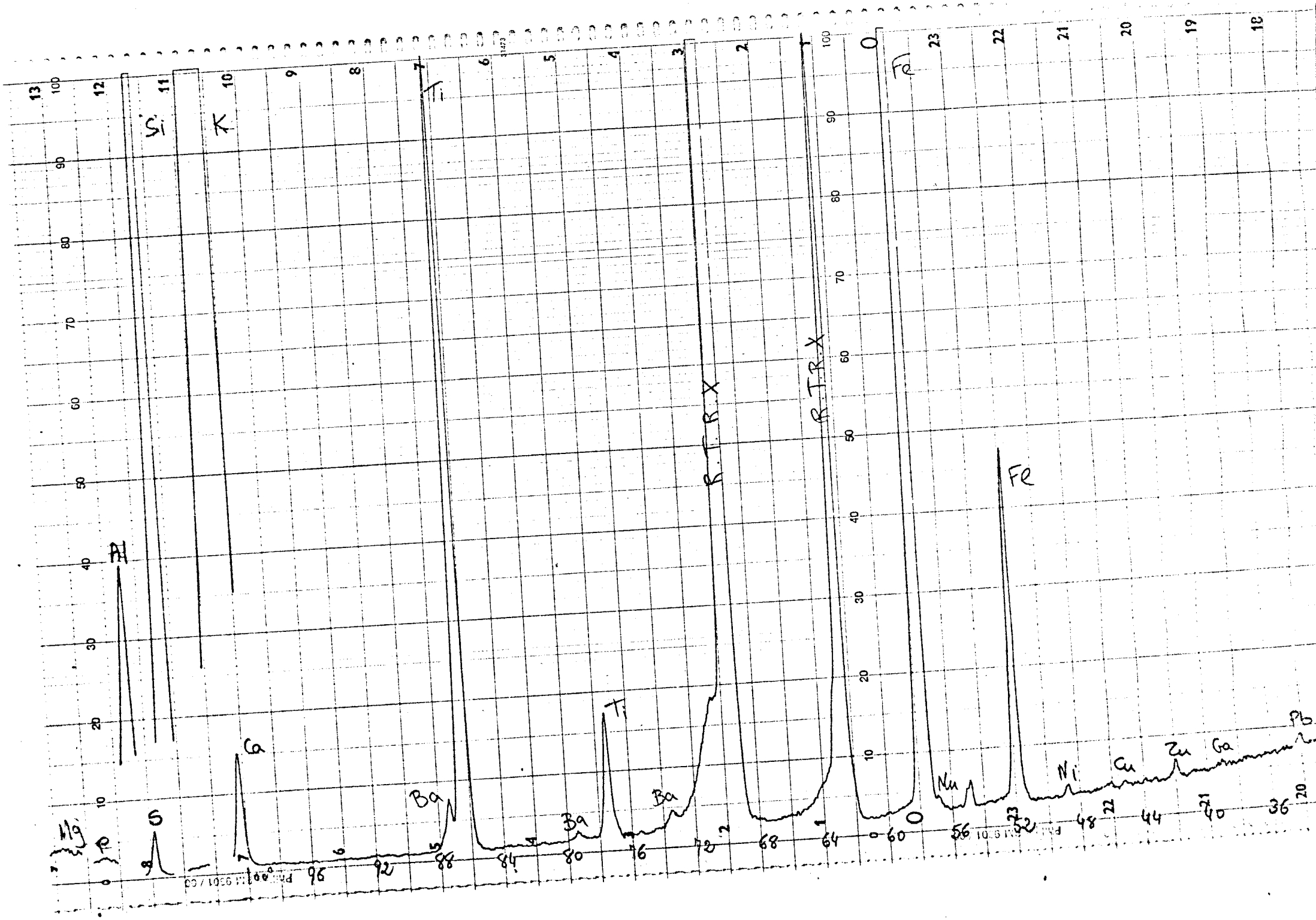
Elementos detectados:

Ba, Sb, Zr, Sr, Rb, As, Pb, Zn, Cu, Ni, Fe, Co, Mn

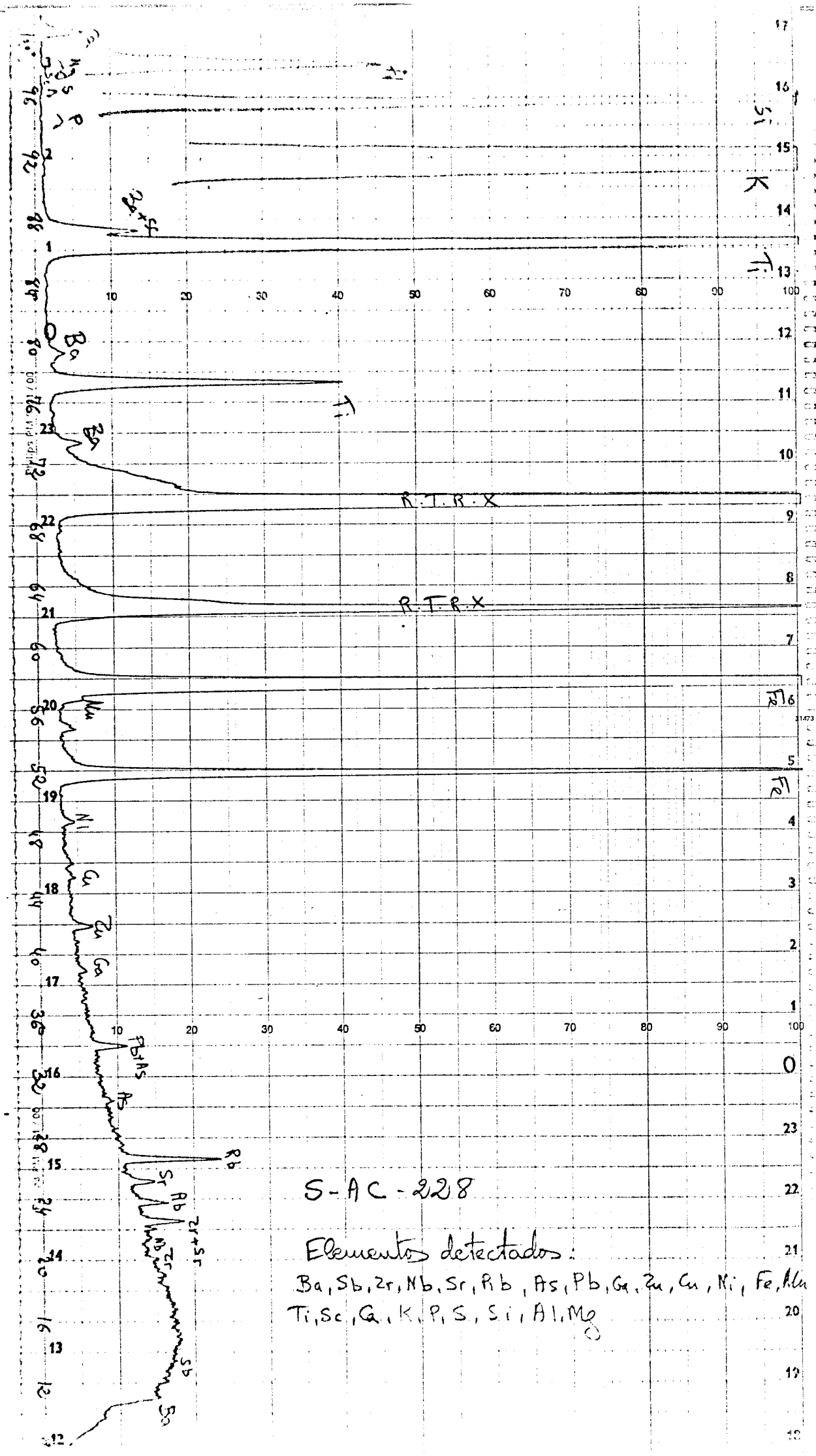
Ti, Sc, Ca, K, P, S, Si, Al, Mg

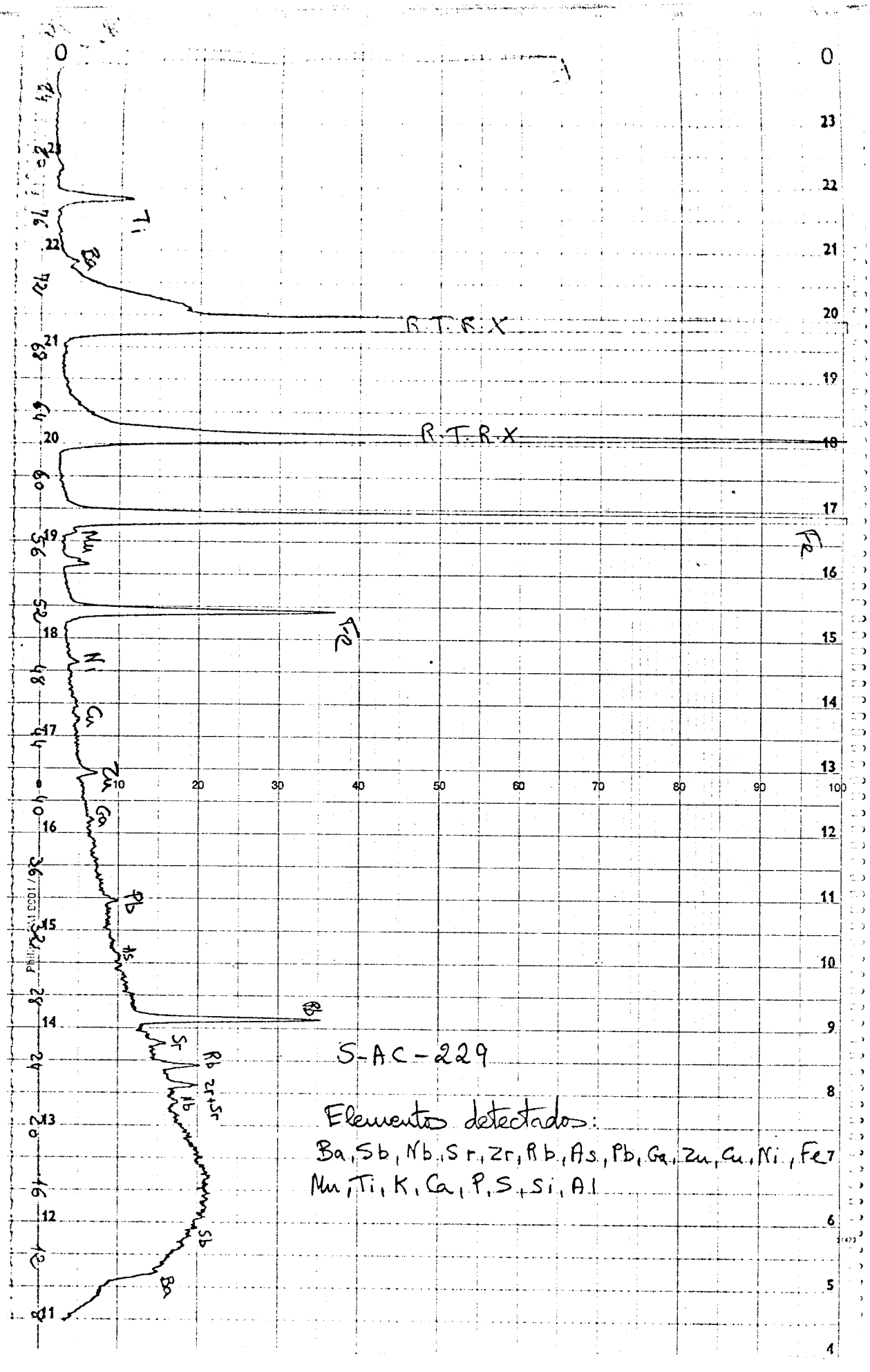

Si
K
Ti
Fe
Al
Ti
R.T.R.X
R.T.R.X
Ba+Sc
Ba
Ba
Mg
P
Ca
Sc
Mn
Co
Ni


Ba
Ti
Ba
R.T.R.X
R.T.R.X
Mn
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Ba
S-AC-227
Elementos detectados:
Ba, Sn, Sb, Zr, Sr, Rb, Nb, Pb, Ga, Zn, Cu, Ni, Fe
Mn, Ti, Ca, K, P, S, Si, Al, Mg



Si
K
Ti
Fe
Al
Ca
Ba
Ba
Ti
Ba
R.T.R.X
R.T.R.X
Fe
Mg
P
S
Nu
Ni
Cu
Zn
Ga
Pb

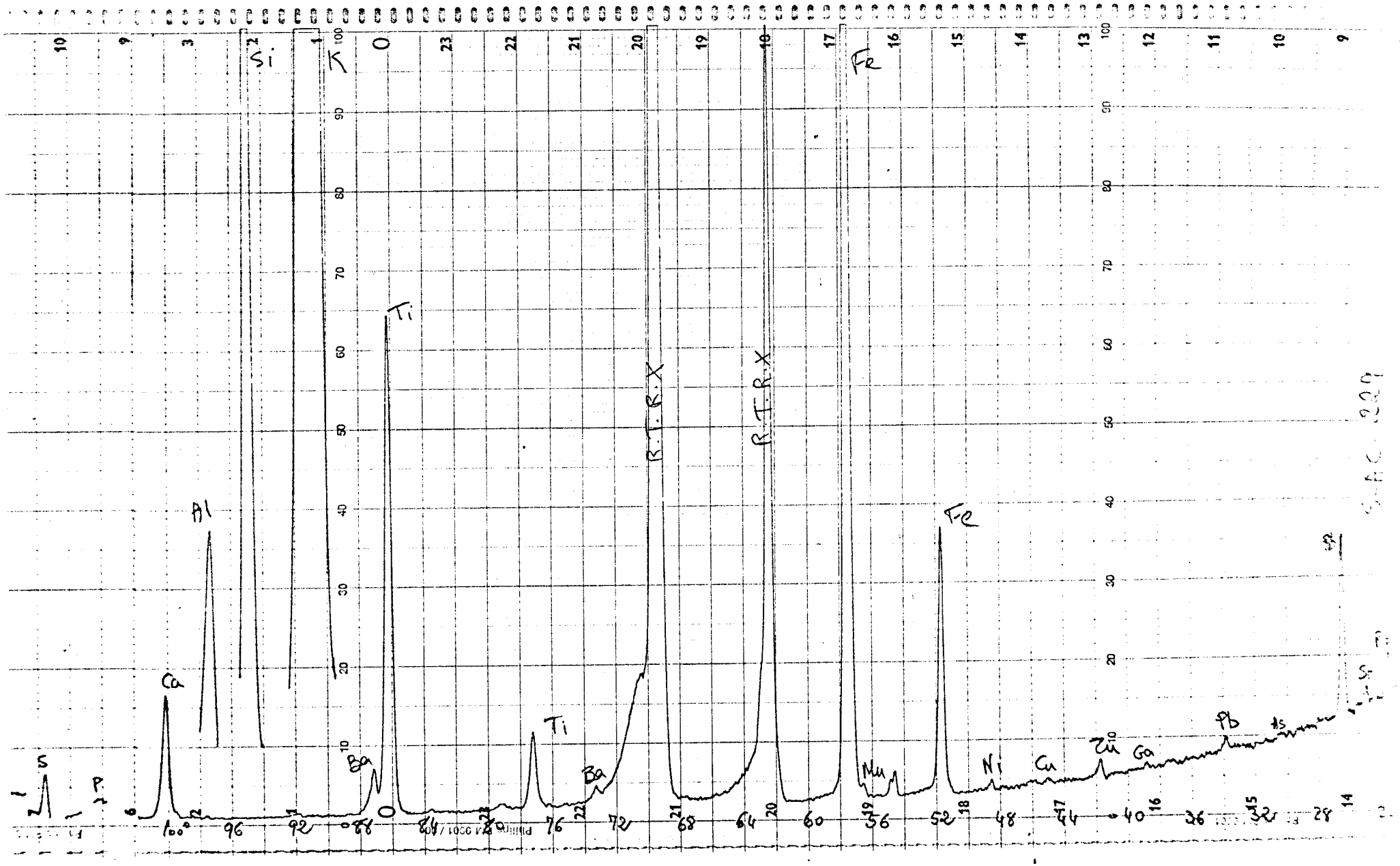

Si
K
Ti
Ba
Ti
R.T.R.X
R.T.R.X
Fe
Fe
Ni
Cu
Zn
Ga
Pb/As
As
Rb
Sr
Nb
Zr+Sr
Sb
Ba
S-AC-228
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, As, Pb, Ga, Zn, Cu, Ni, Fe, Mn
Ti, Sc, Ca, K, P, S, Si, Al, Mg



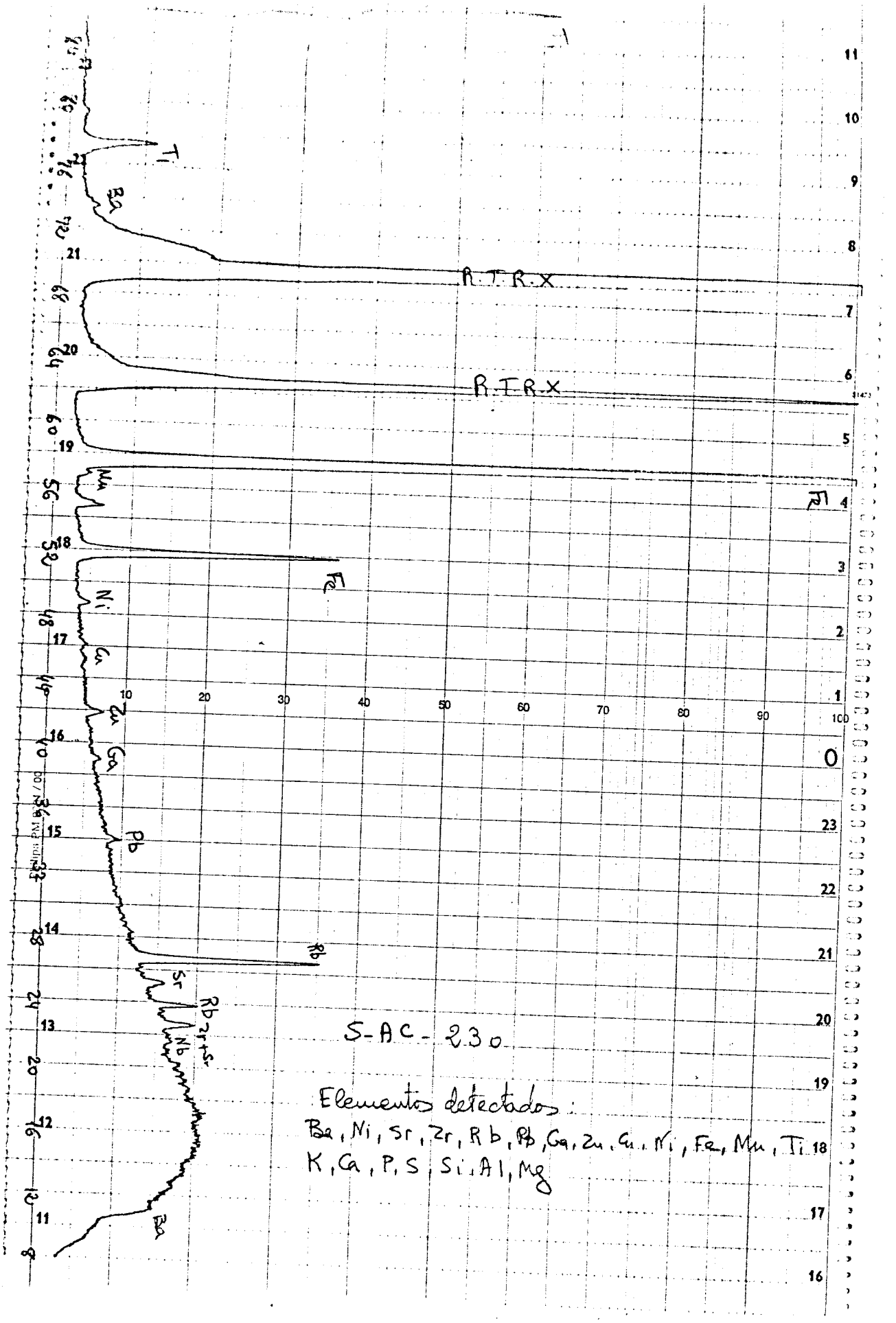
S-AC-229

Elementos detectados:

Ba, Sb, Nb, Sr, Zr, Rb, As, Pb, Ga, Zn, Cu, Ni, Fe, Mn, Ti, K, Ca, P, S, Si, Al



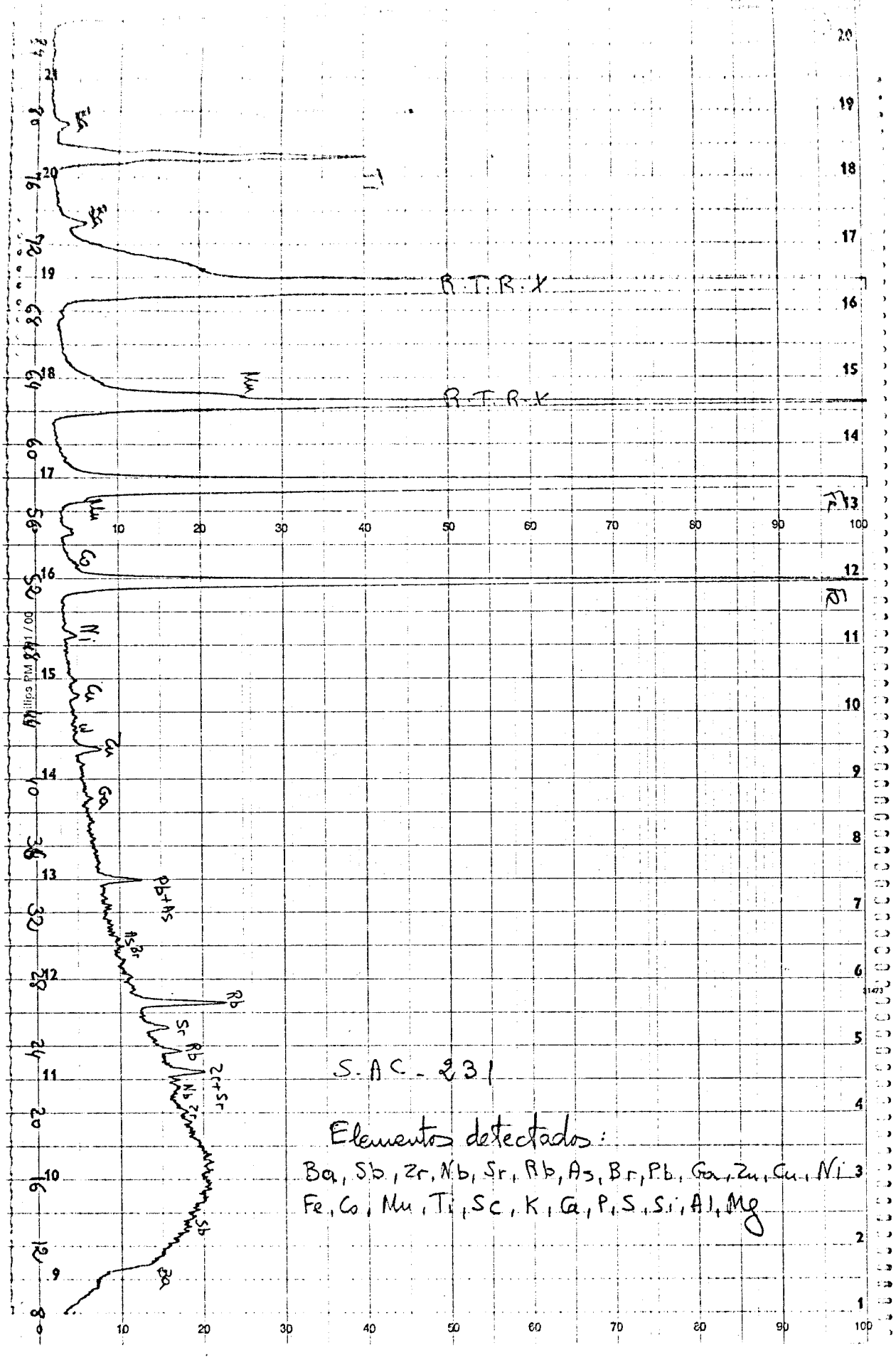
Si
K
Fe
Ti
Al
Ca
Ba
R.T.R.X
R.T.R.X
Fe
Ti
Ba
Mn
Ni
Cu
Zn
Ga
Pb
As
S
P



S-AC-230

Elementos detectados:
Ba, Ni, Sr, Zr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Mn, Ti
K, Ca, P, S, Si, Al, Mg

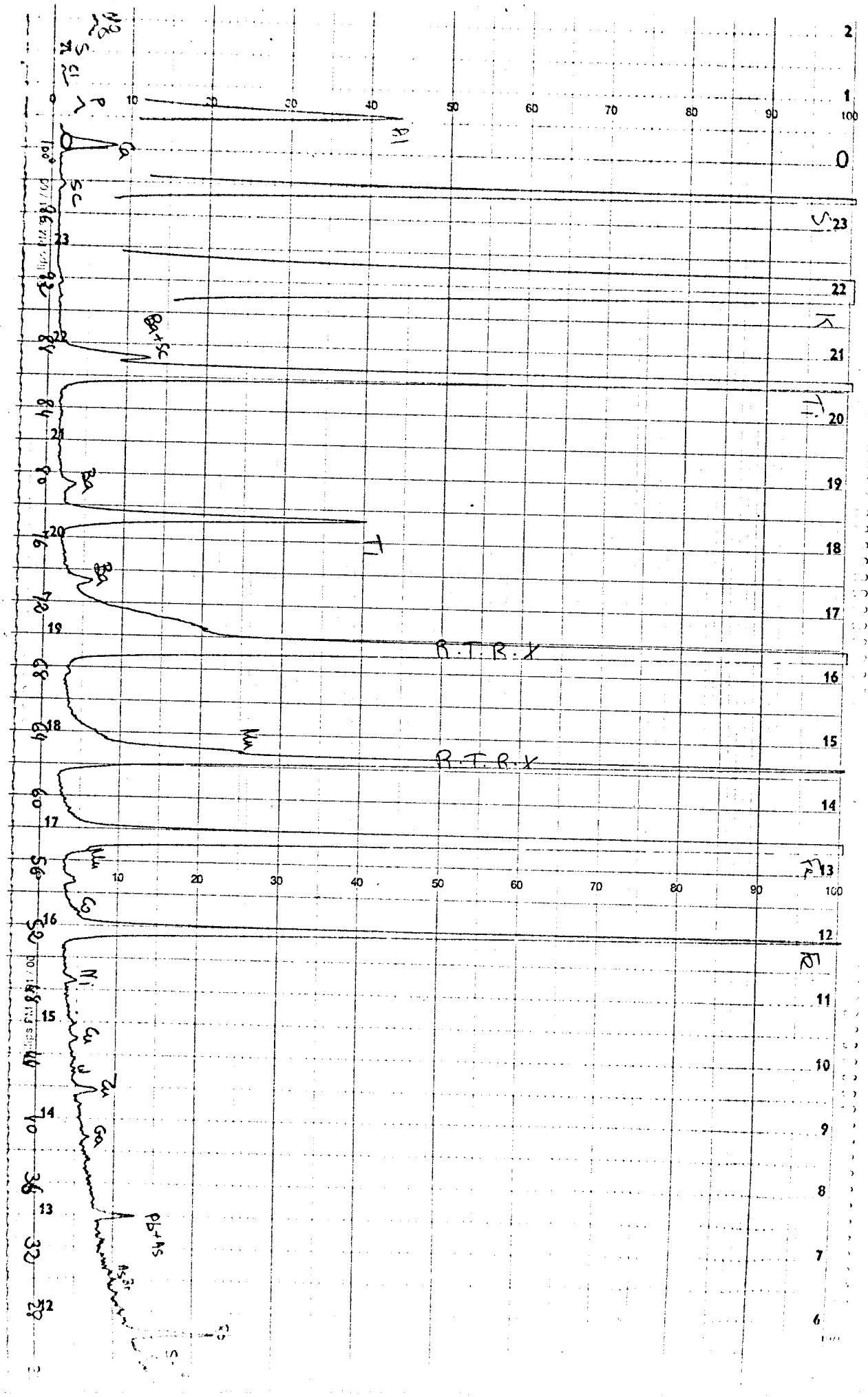
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Fe
Mn
Ti
Ba
Ti
Ca
Al
Si
K
Ca
P
S
Fe
Ti
Ba
Rb
Sr
Zr
Nb
Mo
Ag
Cd
In
Sn
Sb
Te
I
Xe
Cs
Ba
La
Ce
Pr
Nd
Pm
Sm
Eu
Gd
Tb
Dy
Ho
Er
Tm
Yb
Lu
Hf
Ta
W
Re
Os
Ir
Pt
Au
Hg
Tl
Pb
Bi
Th
U
Pu
Am
Cm
Bk
Cf
Es
Fm
Md
No
Lr
Rf
Db
Sg
Bh
Hs
Mt
Ds
Rg
Cn
Uut
Fl
Uup
Lv
Uus
Uuo
Fe
Ti
Ba
Rb
Sr
Zr
Nb
Mo
Ag
Cd
In
Sn
Sb
Te
I
Xe
Cs
Ba
La
Ce
Pr
Nd
Pm
Sm
Eu
Gd
Tb
Dy
Ho
Er
Tm
Yb
Lu
Hf
Ta
W
Re
Os
Ir
Pt
Au
Hg
Tl
Pb
Bi
Th
U
Pu
Am
Cm
Bk
Cf
Es
Fm
Md
No
Lr
Rf
Db
Sg
Bh
Hs
Mt
Ds
Rg
Cn
Uut
Fl
Uup
Lv
Uus
Uuo



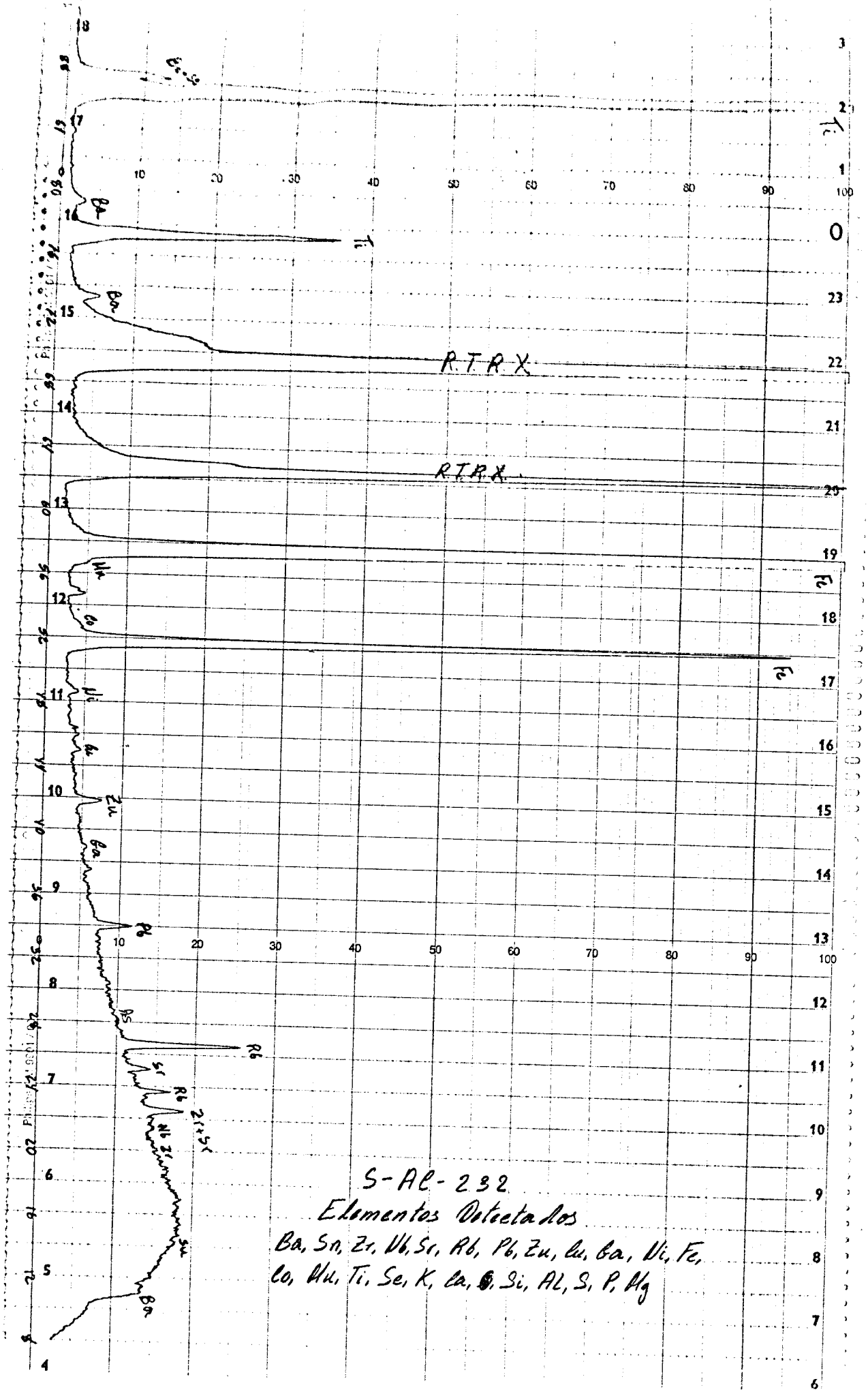
S.AC - 231

Elementos detectados:

Ba, Sb, Zr, Nb, Sr, Rb, As, Br, Pb, Ga, Zn, Cu, Ni
Fe, Co, Mn, Ti, Sc, K, Ca, P, S, Si, Al, Mg



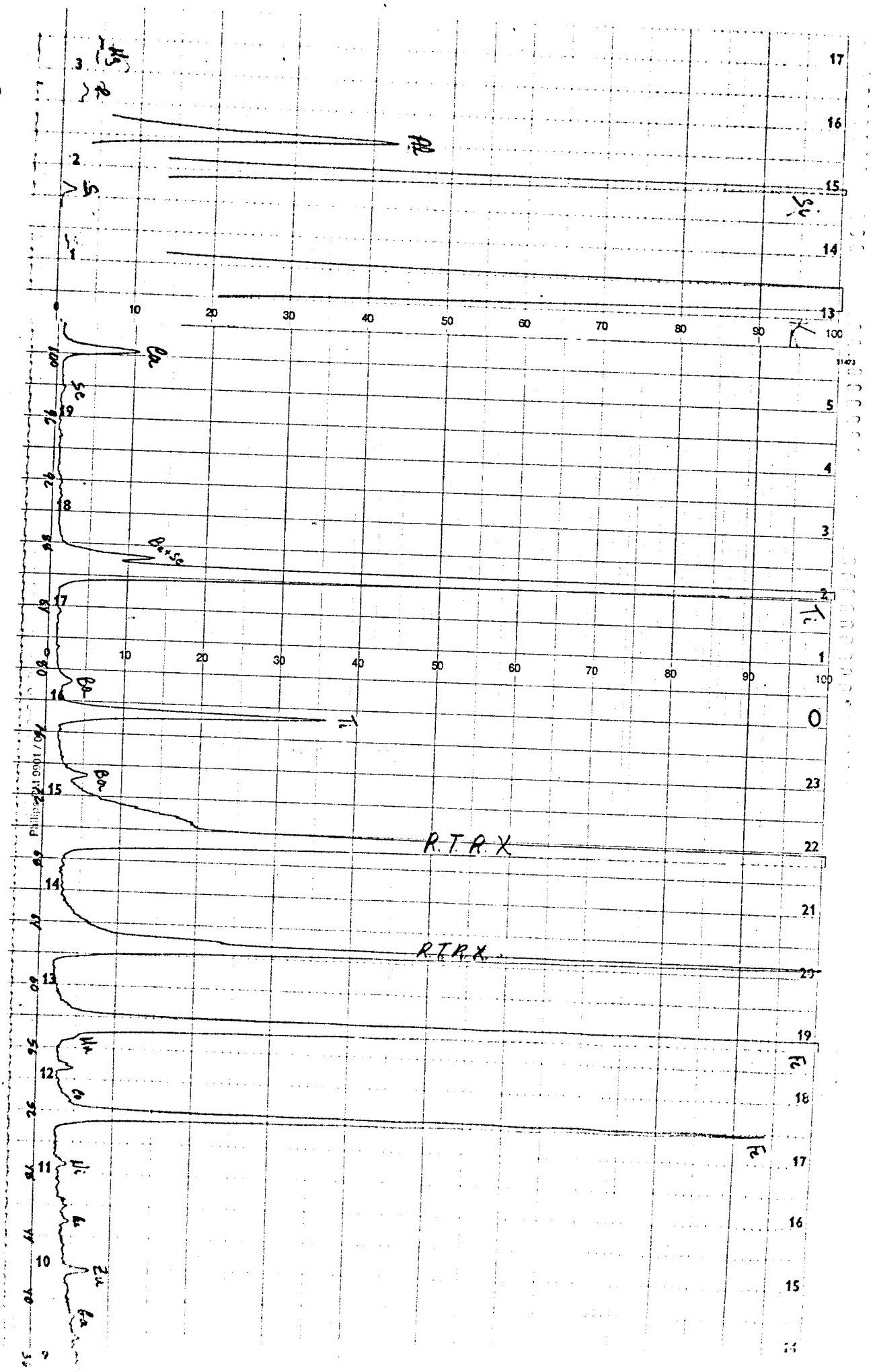
Al
Ca
Sc
Ba+Sc
Ba
Ba
Ti
R.T.R.X
Mn
R.T.R.X
Mn
Co
Ni
Cu
Zn
Ga
Pb+As
As



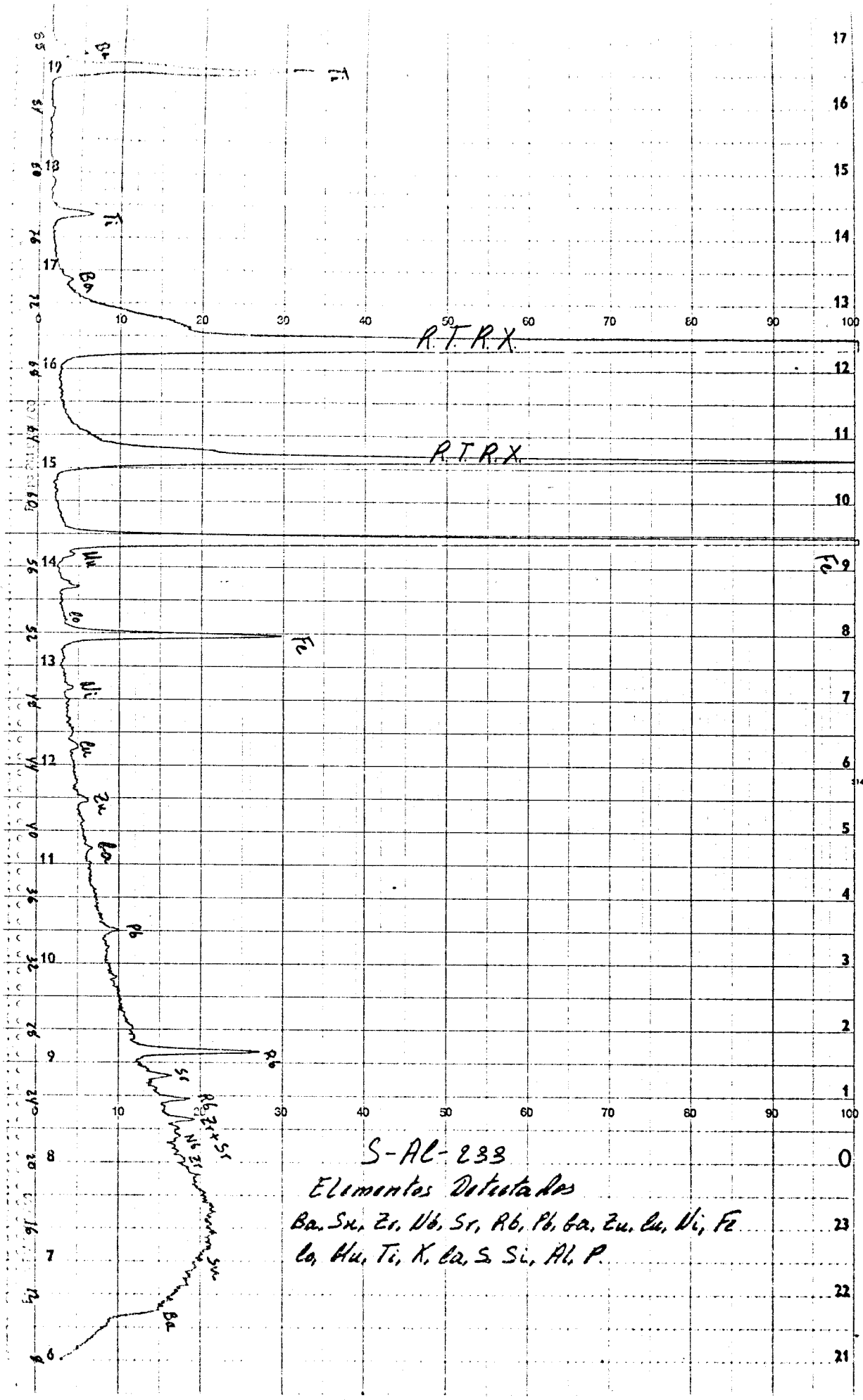
S-AC-232

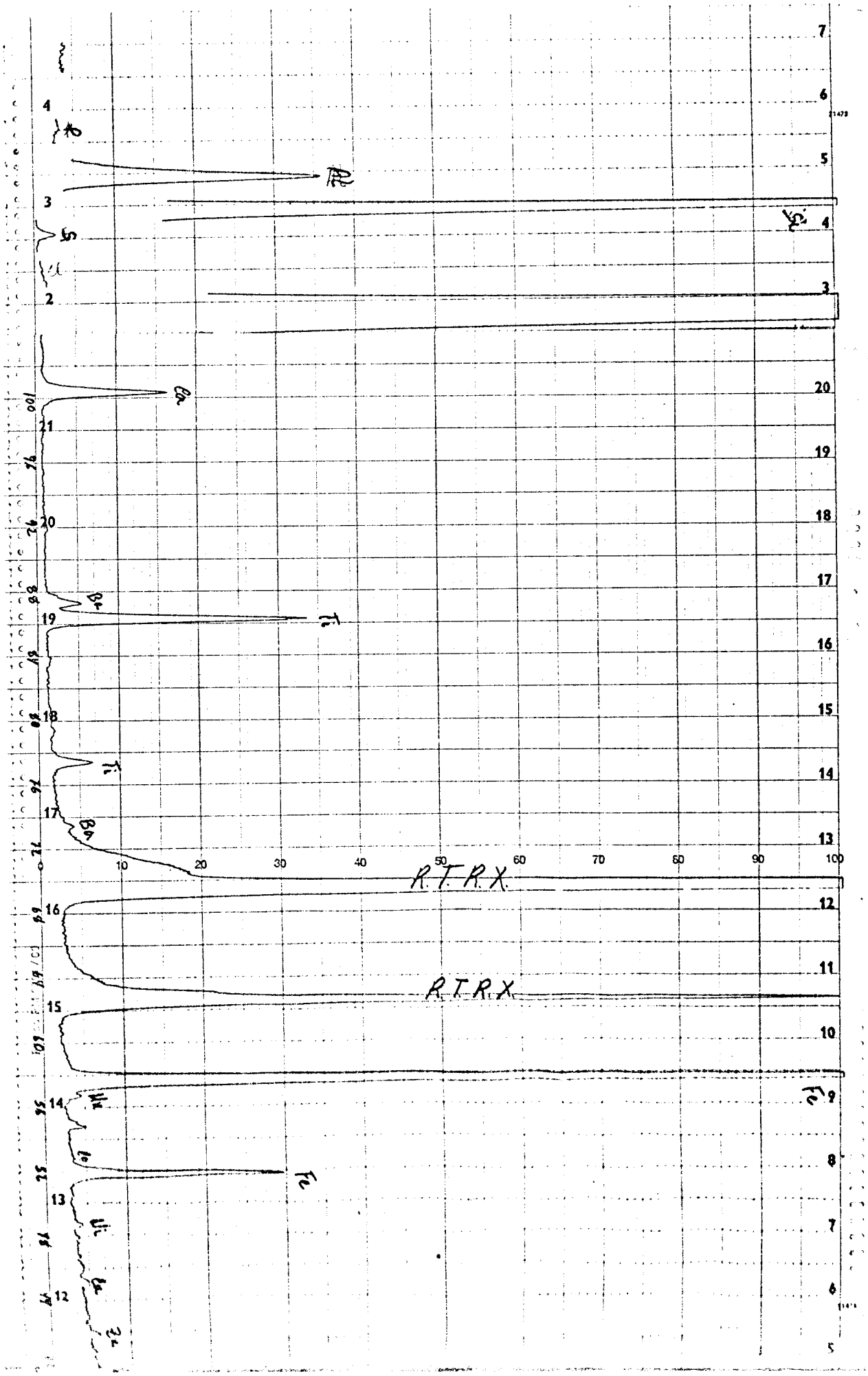
Elementos Detectados

Ba, Sn, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ga, Ni, Fe, Co, Mn, Ti, Se, K, Ca, S, Si, Al, S, P, Mg

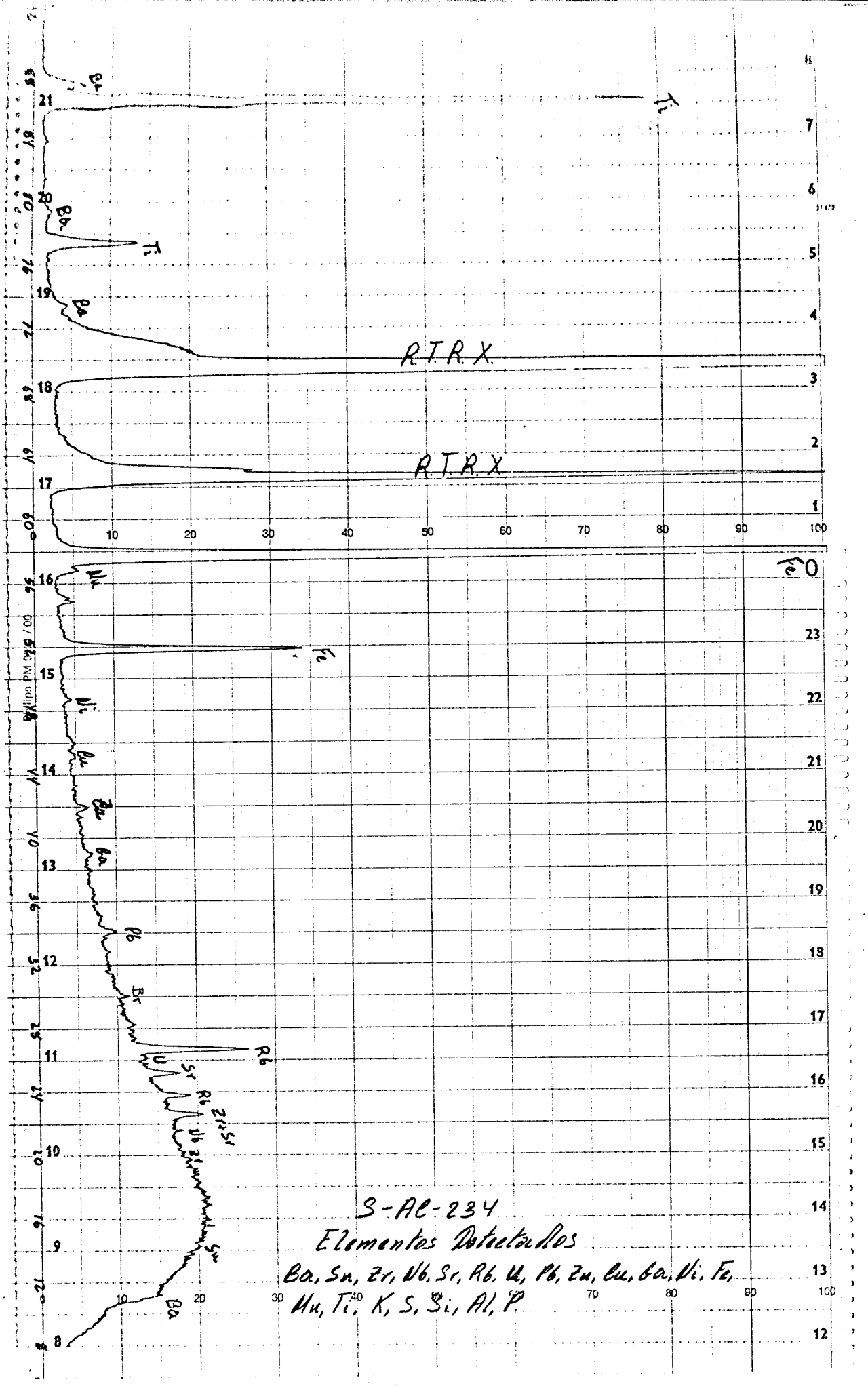


Al
Si
Ca
Sc
Ba+Sc
Ti
Ba
Ti
Ba
R.T.R.X
R.T.R.X
Fe
Fe
Ni
Zn
Ba


Ba
Ti
Ba
R.T.R.X.
R.T.R.X.
Mn
Co
Fe
Fe
Ni
Cu
Zn
Co
Pb
Rb
Sr
Rb Zr+Sr
Nb Zr
Sr
Ba
S-AL-233
Elementos Detectados
Ba. Sn. Zr. Nb. Sr. Rb. Pb. Co. Zn. Cu. Ni. Fe
Co. Mn. Ti. K. Ca. S. Si. Al. P.



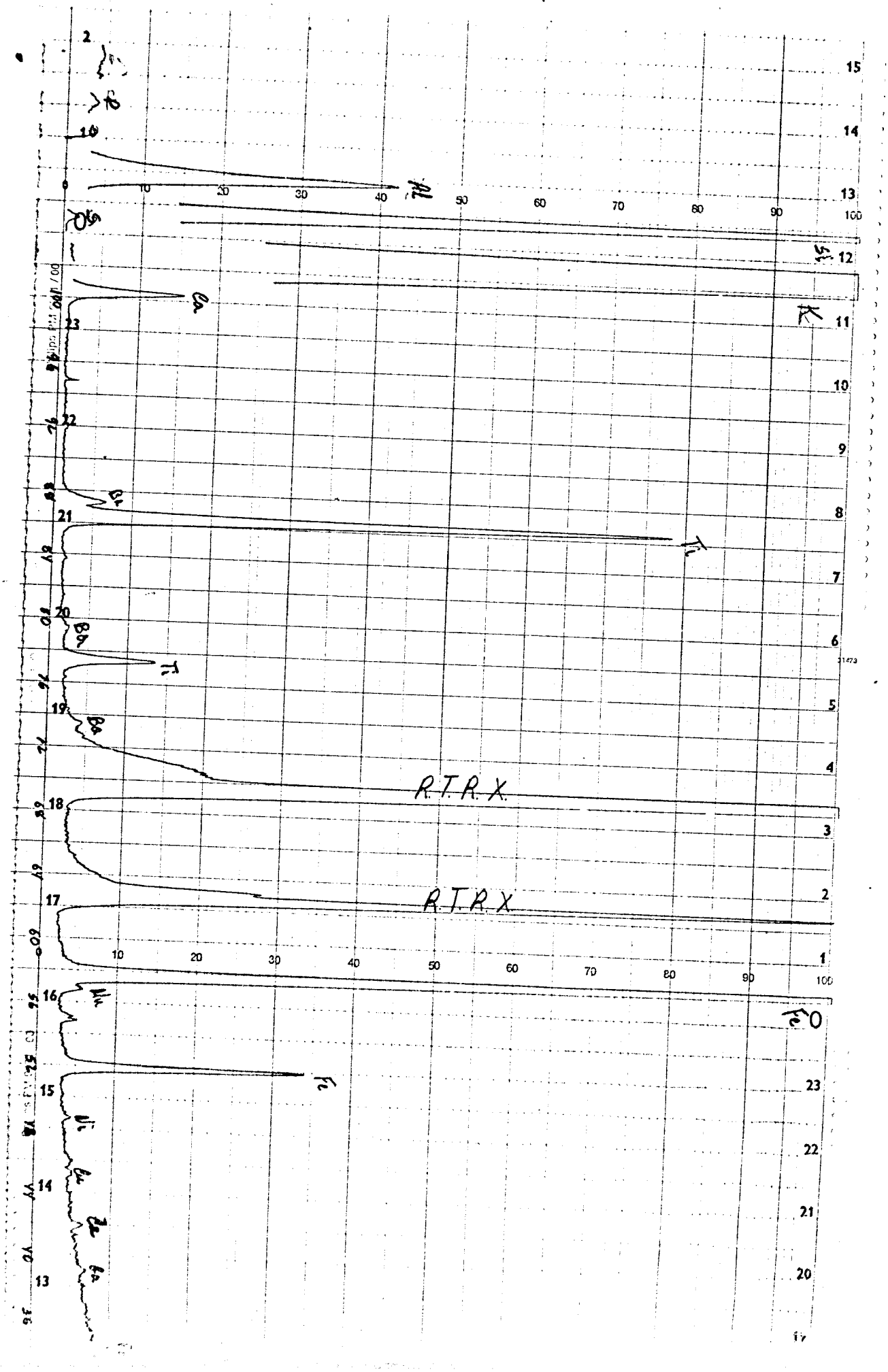
R.T.R.X.
R.T.R.X.
Fe
Ba
Ti
Ca
Si
Al

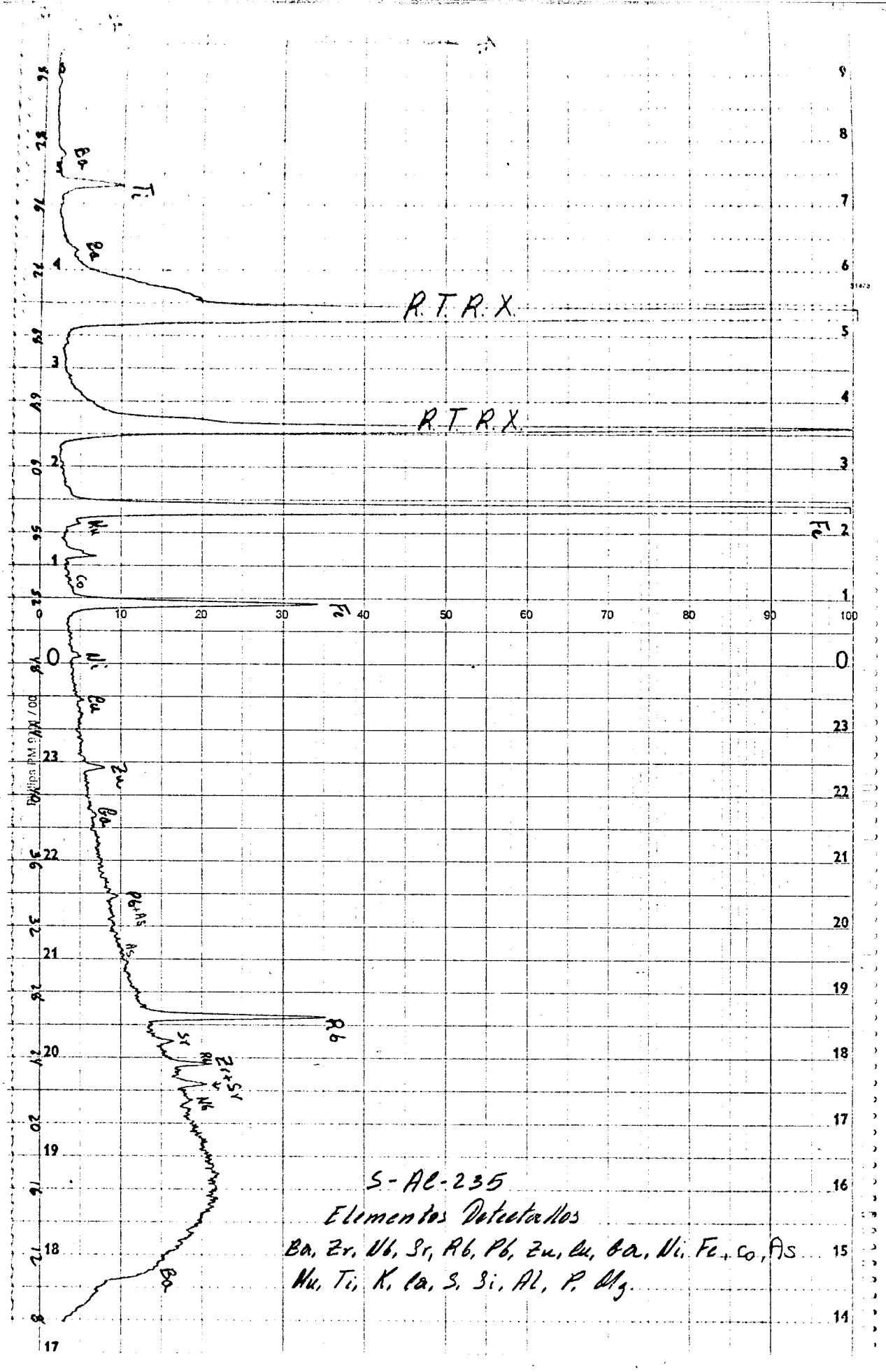


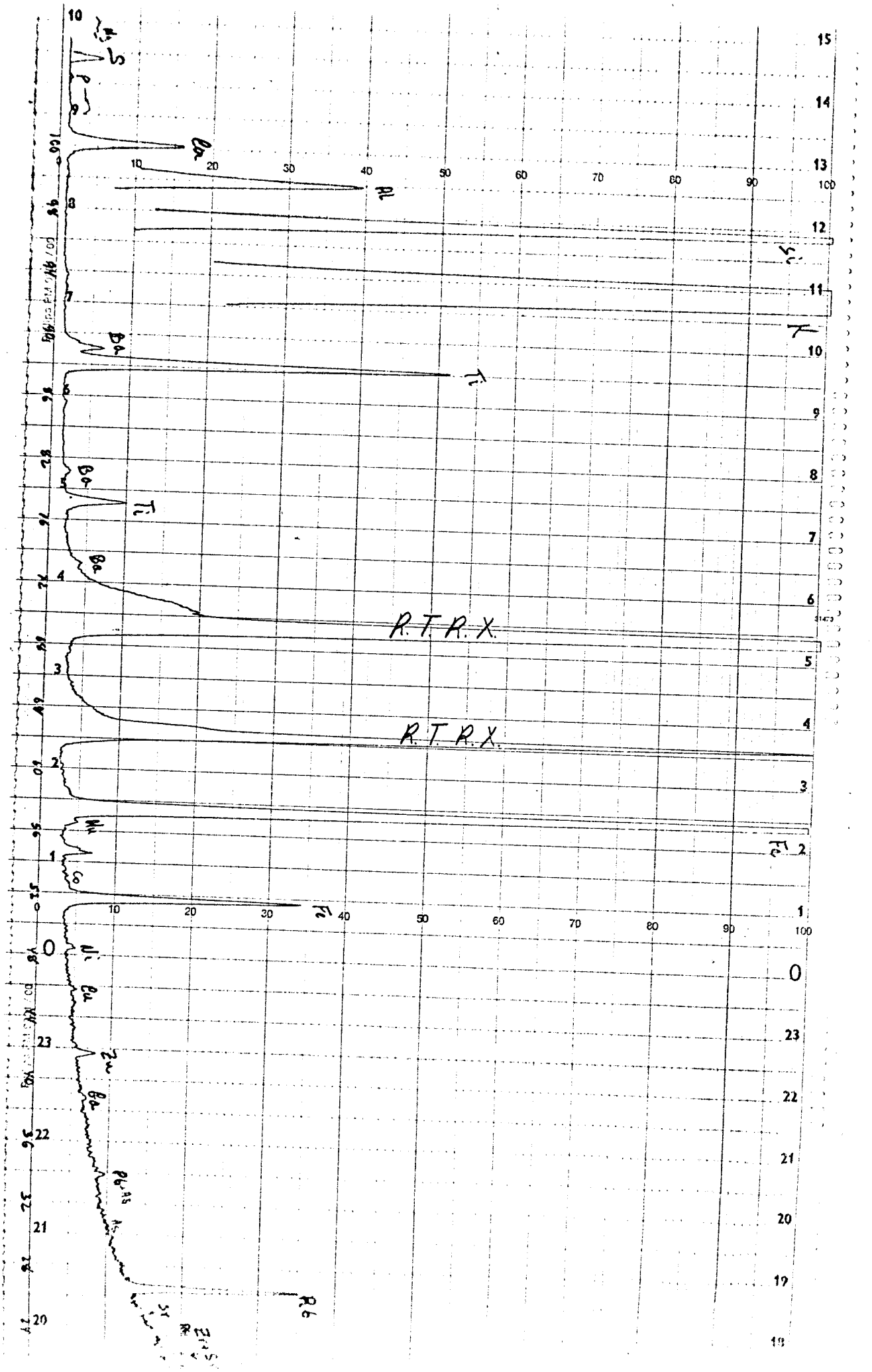
S-AC-234

Elementos Detectados

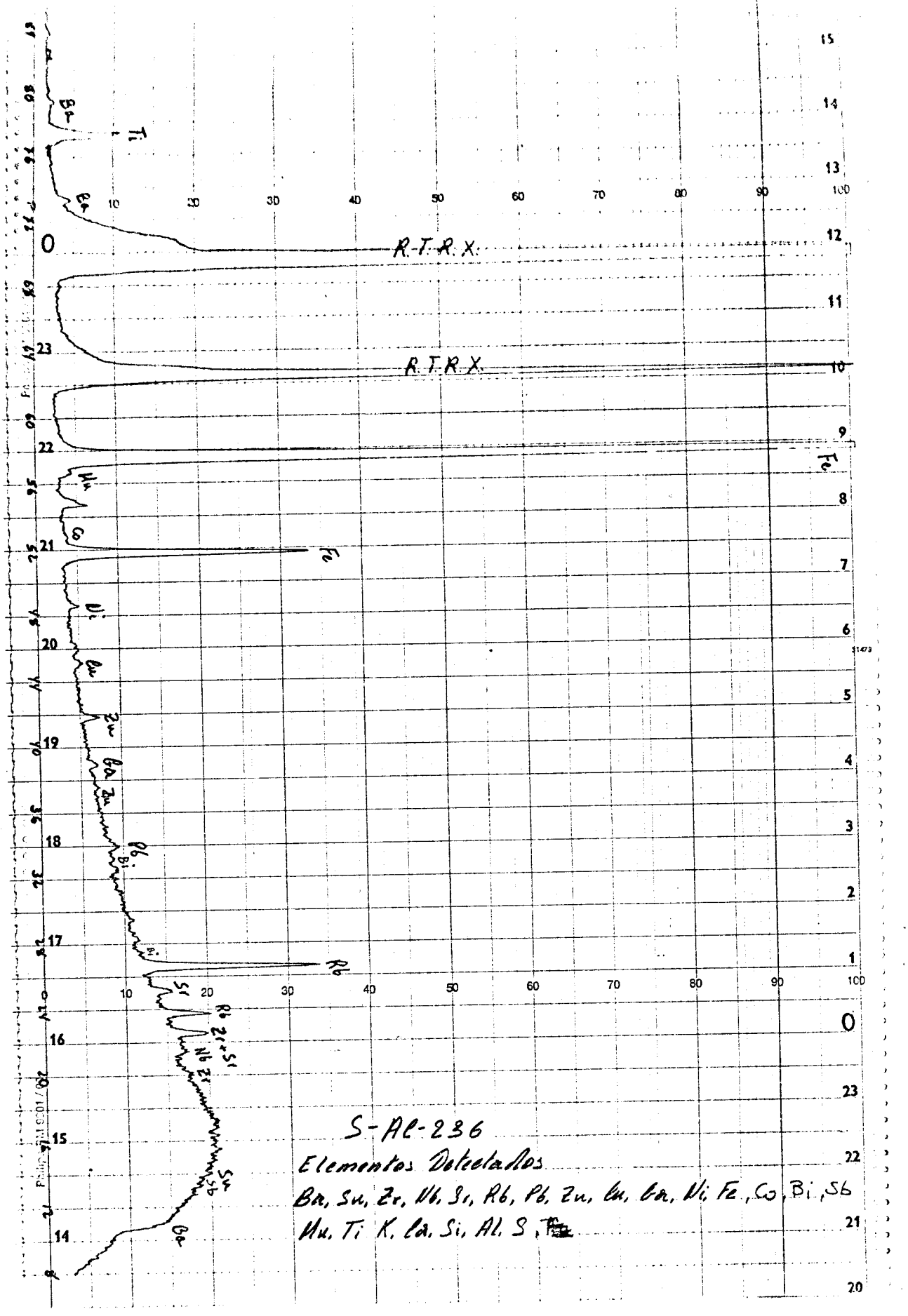
Ba, Sn, Zr, Nb, Sr, Rb, U, Pb, Zn, Cu, Ga, Ni, Fe, Mn, Ti, K, S, Si, Al, P

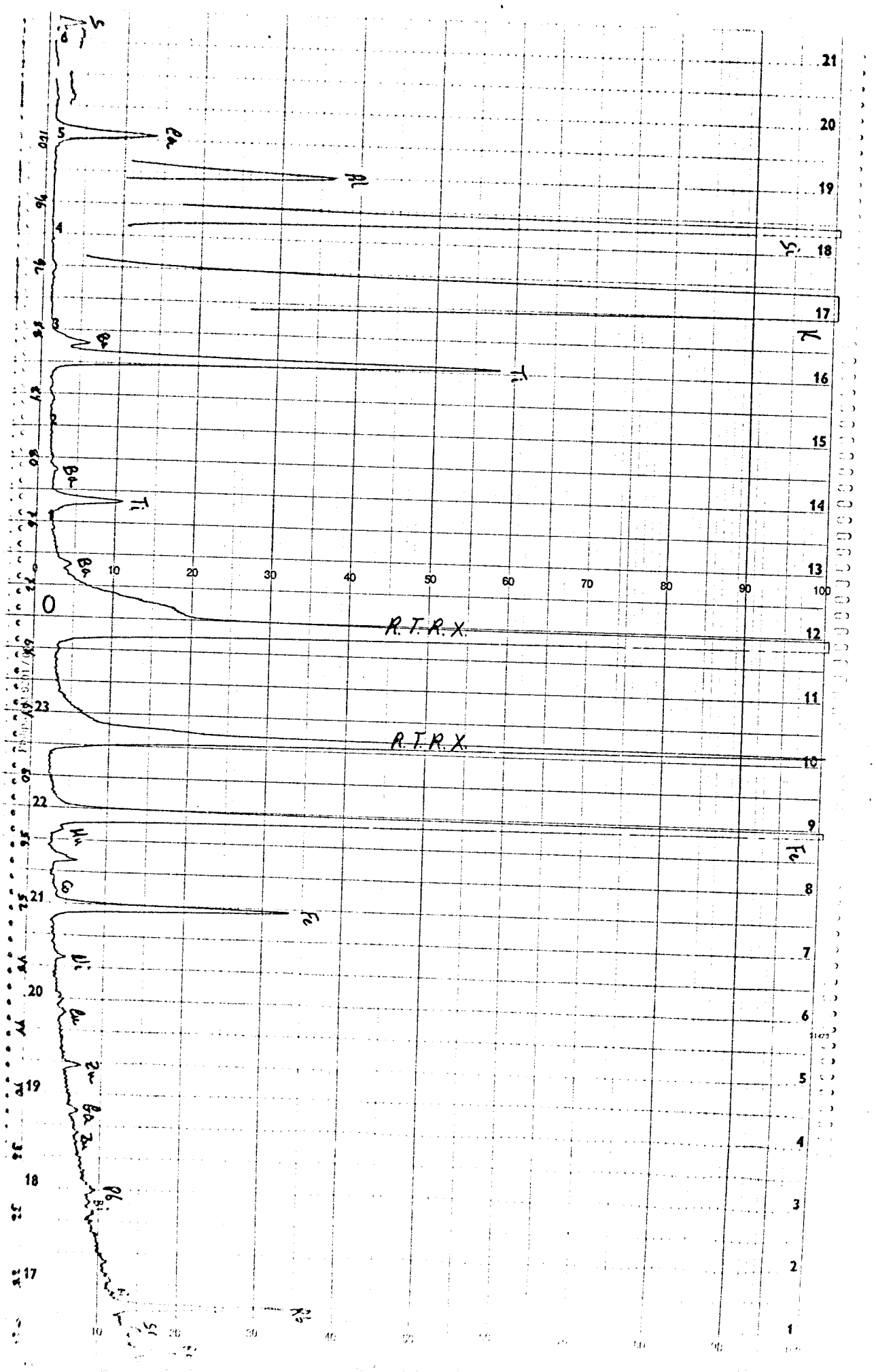

RTRX
RTRX


Ba
Ti
Ba
RTRX
RTRX
Mn
Co
Fe
Ni
Cu
Zn
Ba
Pb, As
As
Rb
Sr
Rb
Zr, Sr
Nb
Ba
10
20
30
40
50
60
70
80
90
100
S-AC-235
Elementos Detectados
Ba, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ba, Ni, Fe, Co, As
Mn, Ti, K, Ca, S, Si, Al, P, Mg.

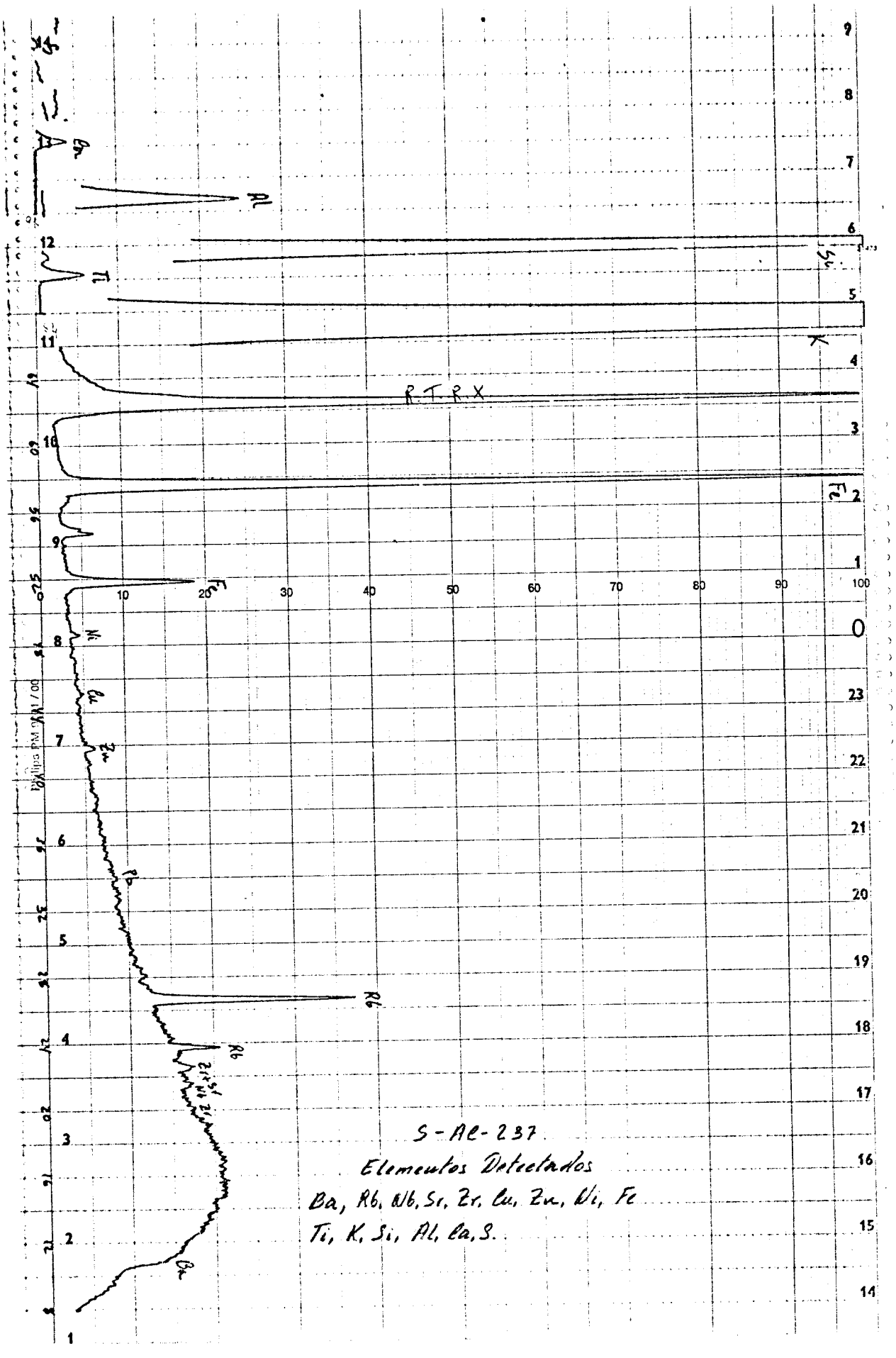


R.T.R.X.
R.T.R.X.
Al
Si
K
Ti
Ba
Fe
Ni
Cu
Zn
Pb
Rb


Ba
Ti
Ba
R.T.R.X.
R.T.R.X.
Mn
Co
Fe
Ni
Cu
Zn
Ba
Zn
Pb
Bi
Rb
Sr
Rb
Zr+Sr
Nb Zr
Sn
Sb
Ba
Fe
S-AC-236
Elementos Detectados
Ba, Sn, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ba, Ni, Fe, Co, Bi, Sb
Mn, Ti, K, Ca, Si, Al, S, Fe



Ba
Al
Si
K
Ti
Ba
Ti
Ba
O
R.T.R.X.
R.T.R.X.
Fe
Fe
Ba
Pb
Bi

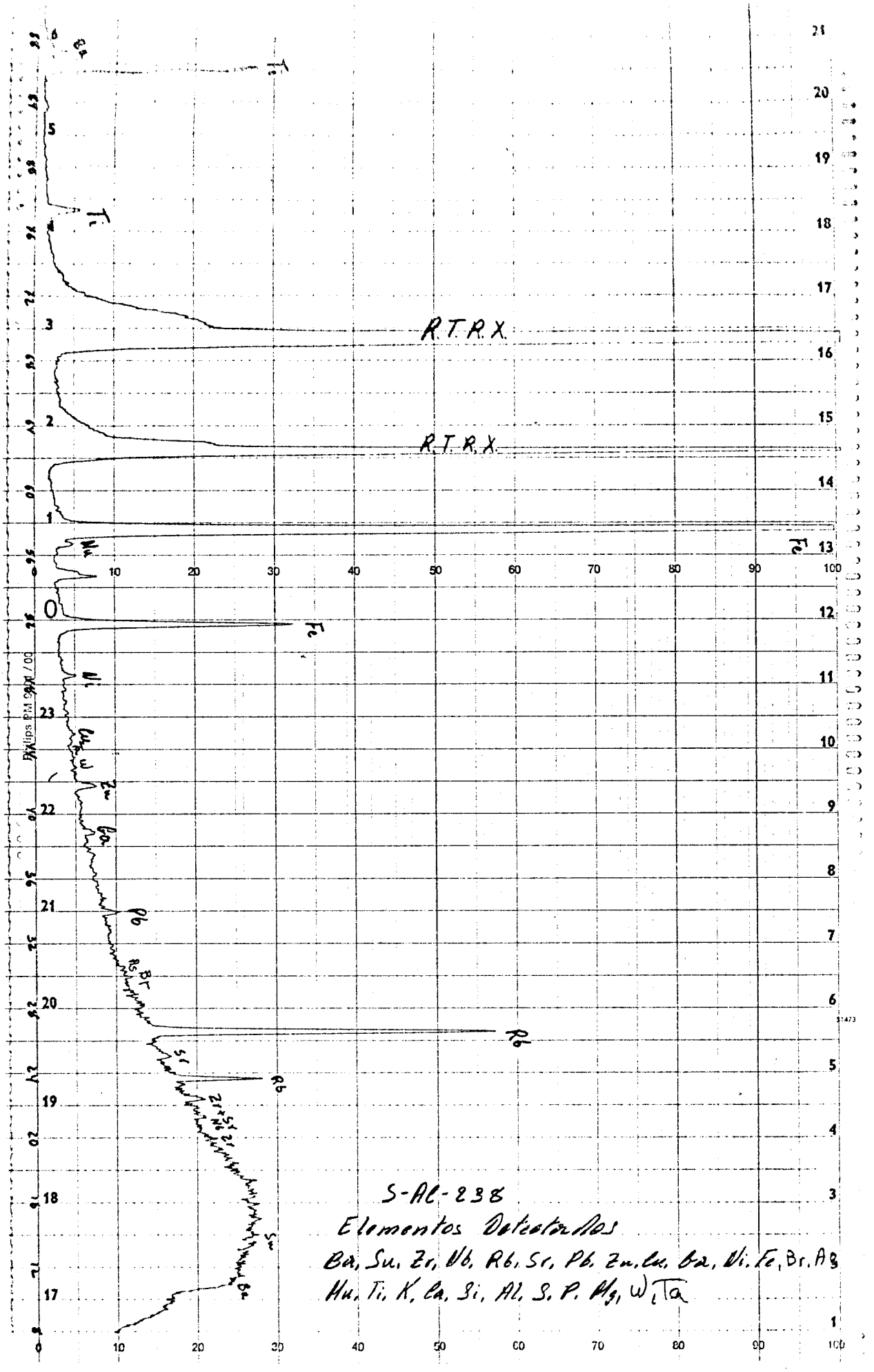


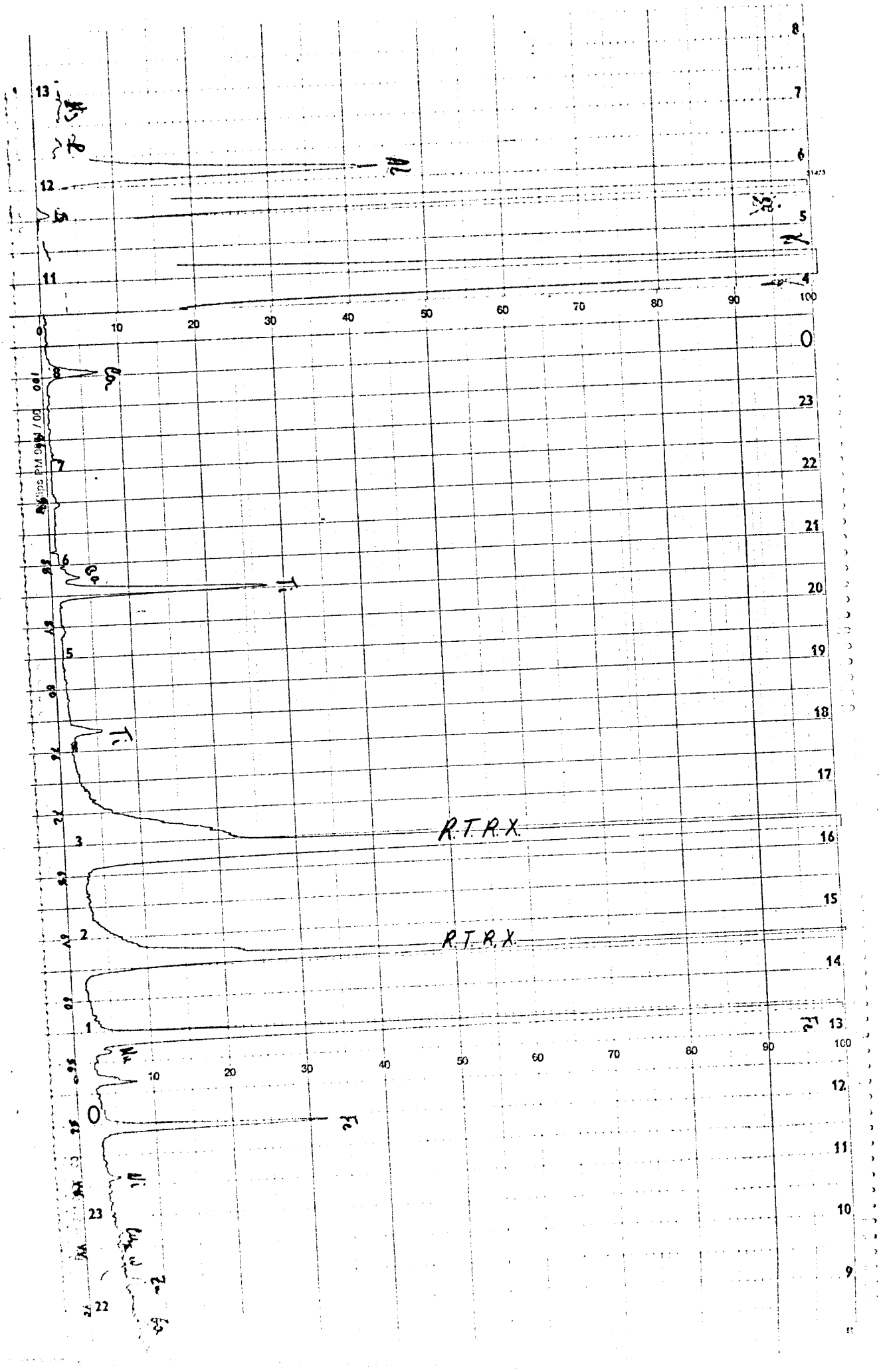
S-AC-237

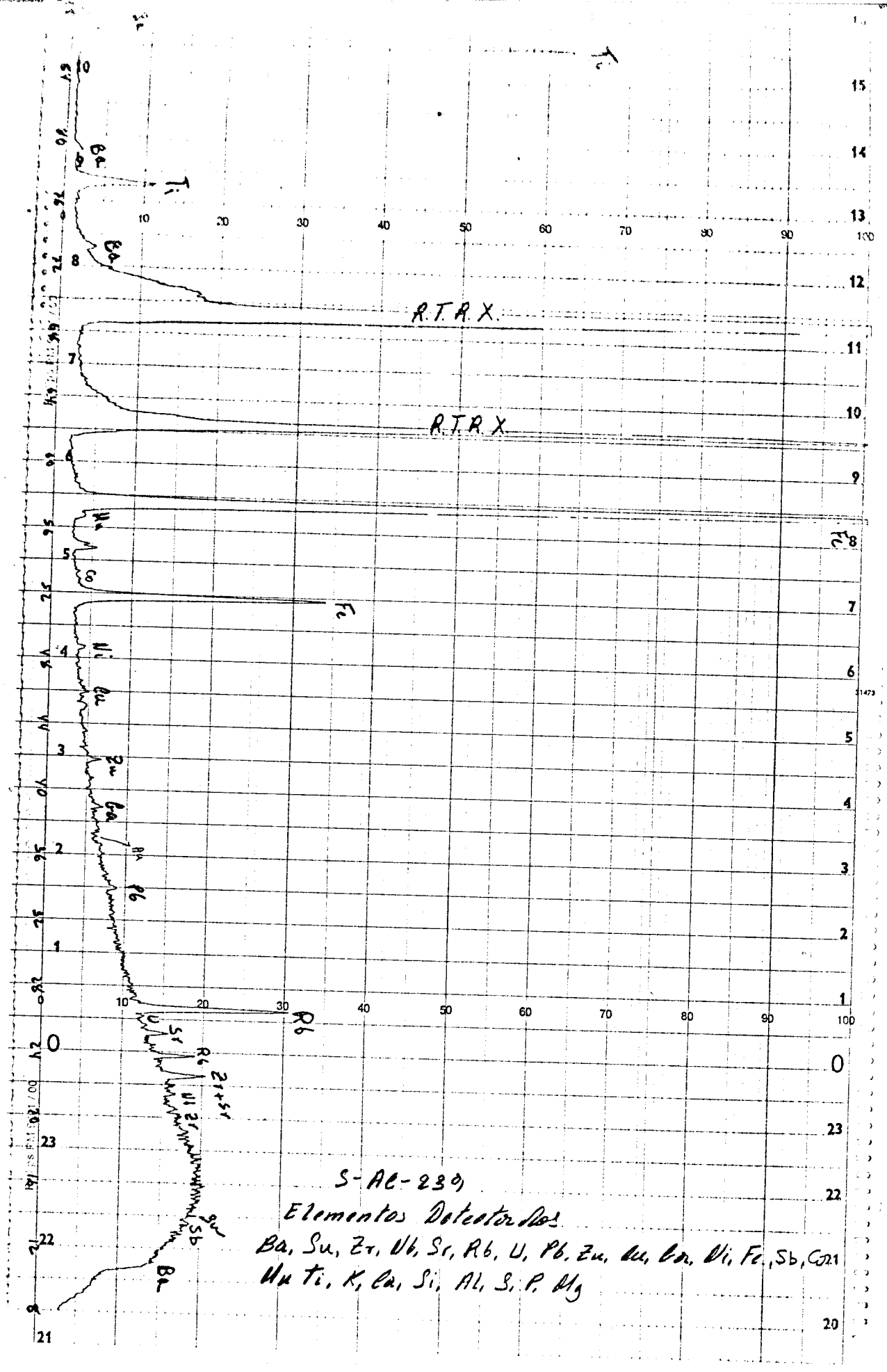
Elementos Detectados

Ba, Rb, Nb, Sr, Zr, Cu, Zn, Ni, Fe

Ti, K, Si, Al, Ca, S.


R.T.R.X.
R.T.R.X.
Fe
Ti
Ba
Mu
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Zr+Sr
Nb
Zr
Su
Ba
Phillips PM 9901 / 00
S-Al-238
Elementos Detectados
Ba, Su, Zr, Nb, Rb, Sr, Pb, Zn, Cu, Ga, Ni, Fe, Br, Ag
Mu, Ti, K, Ca, Si, Al, S, P, Mg, W, Ta


R.T.R.X.
R.T.R.X.

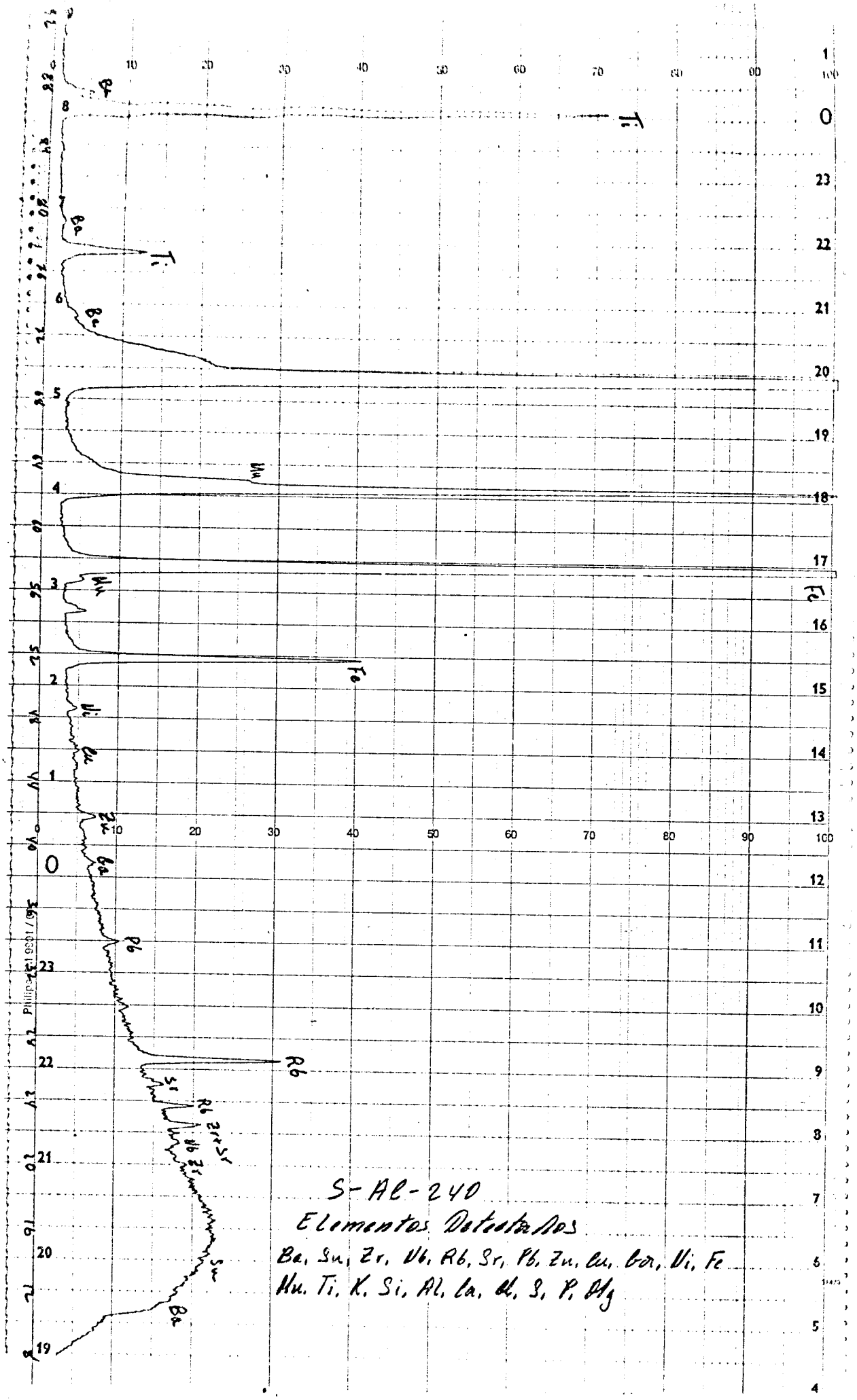


S-AC-230

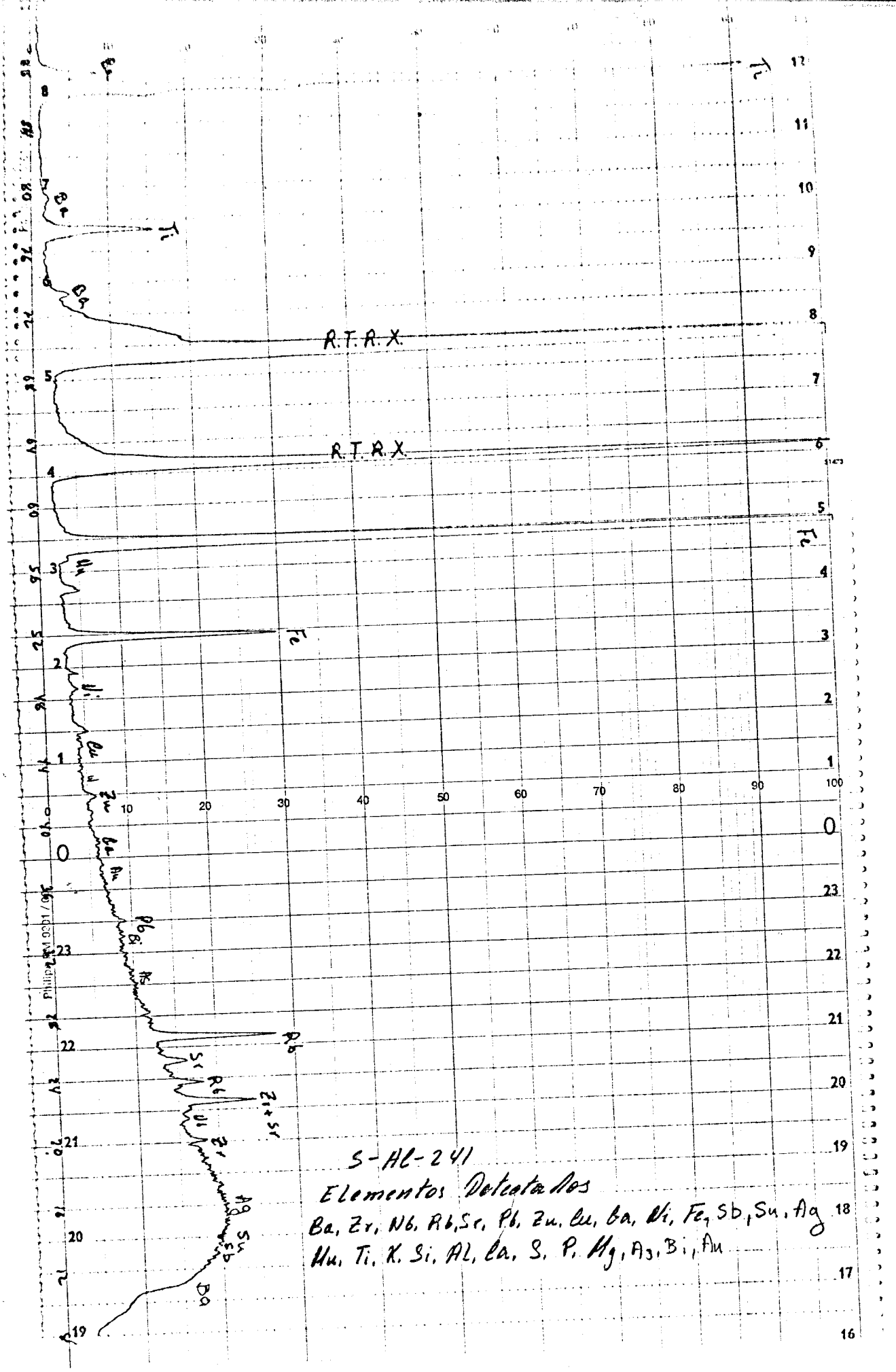
Elementos Detectados

Ba, Su, Zr, Nb, Sr, Rb, U, Pb, Zn, Cu, Ga, Ni, Fe, Sb, Co, Mn Ti, K, Ca, Si, Al, S, P, Mg

R.T.R.X.
R.T.R.X.
10
20
30
40
50
60
70
80
90
100


Ba
Ti
Mn
Fe
Ni
Cu
Zn
Pb
Rb
Sr
Zr+Sr
Nb
Zr
Su
S-Al-240
Elementos Detectados
Ba, Su, Zr, Nb, Rb, Sr, Pb, Zn, Cu, Ga, Ni, Fe
Mn, Ti, K, Si, Al, Ca, Cl, S, P, Mg

Al
Si
K
Ca
Ba
Ti
Mn
Fe
Ni
Cu
Zn
10
20
30
40
50
60
70
80
90
100



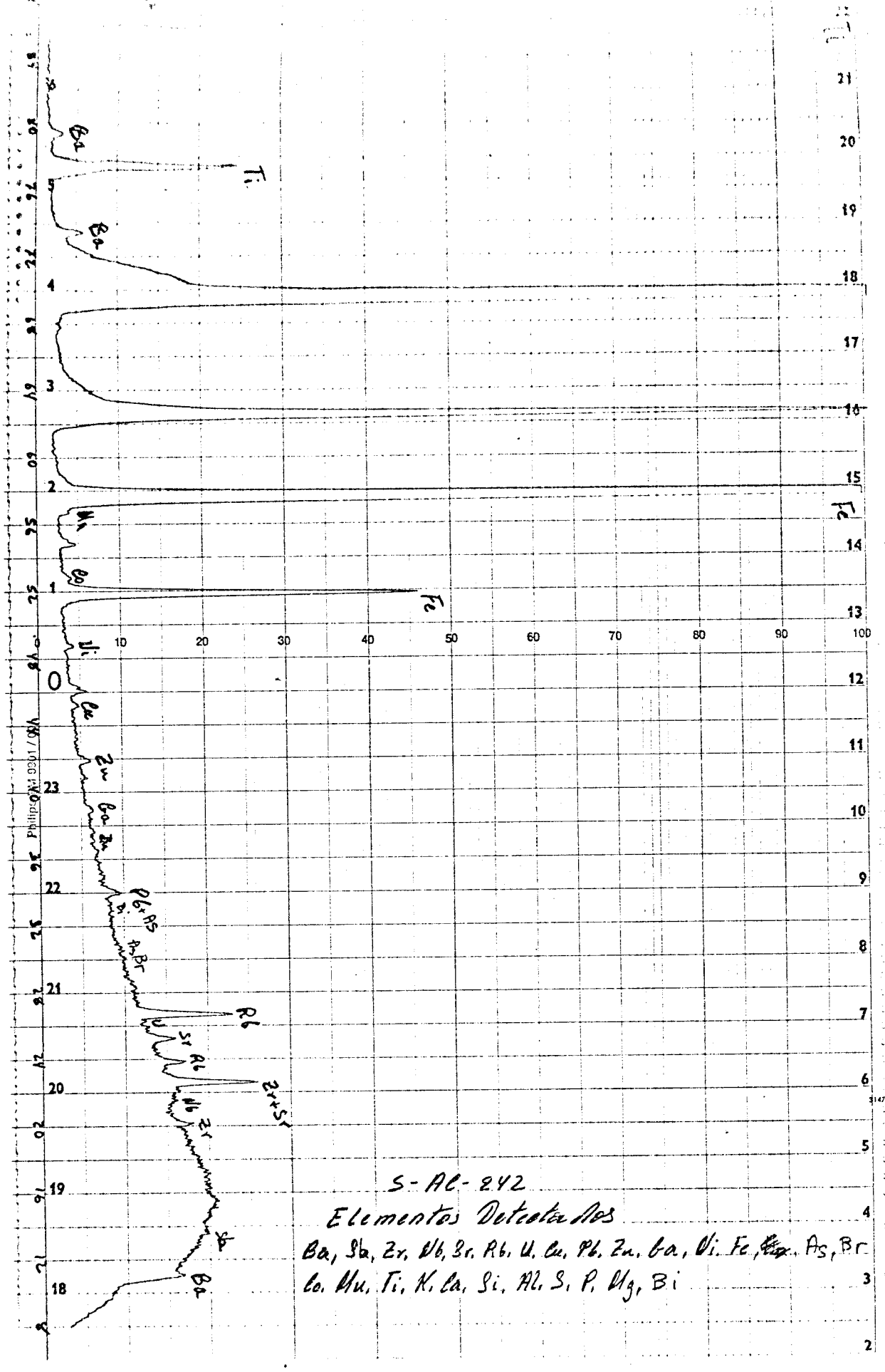
S-HL-241

Elementos Detectados

Ba, Zr, Nb, Rb, Sr, Pb, Zn, Cu, Ba, Ni, Fe, Sb, Sn, Ag

Mn, Ti, K, Si, Al, Ca, S, P, Mg, As, Bi, Au

R.T.A.X.
R.T.A.X
Fe
Ti
K
Ca
Ti
Ca
Ca
Ca
Ti
Ca
Ca
Ca



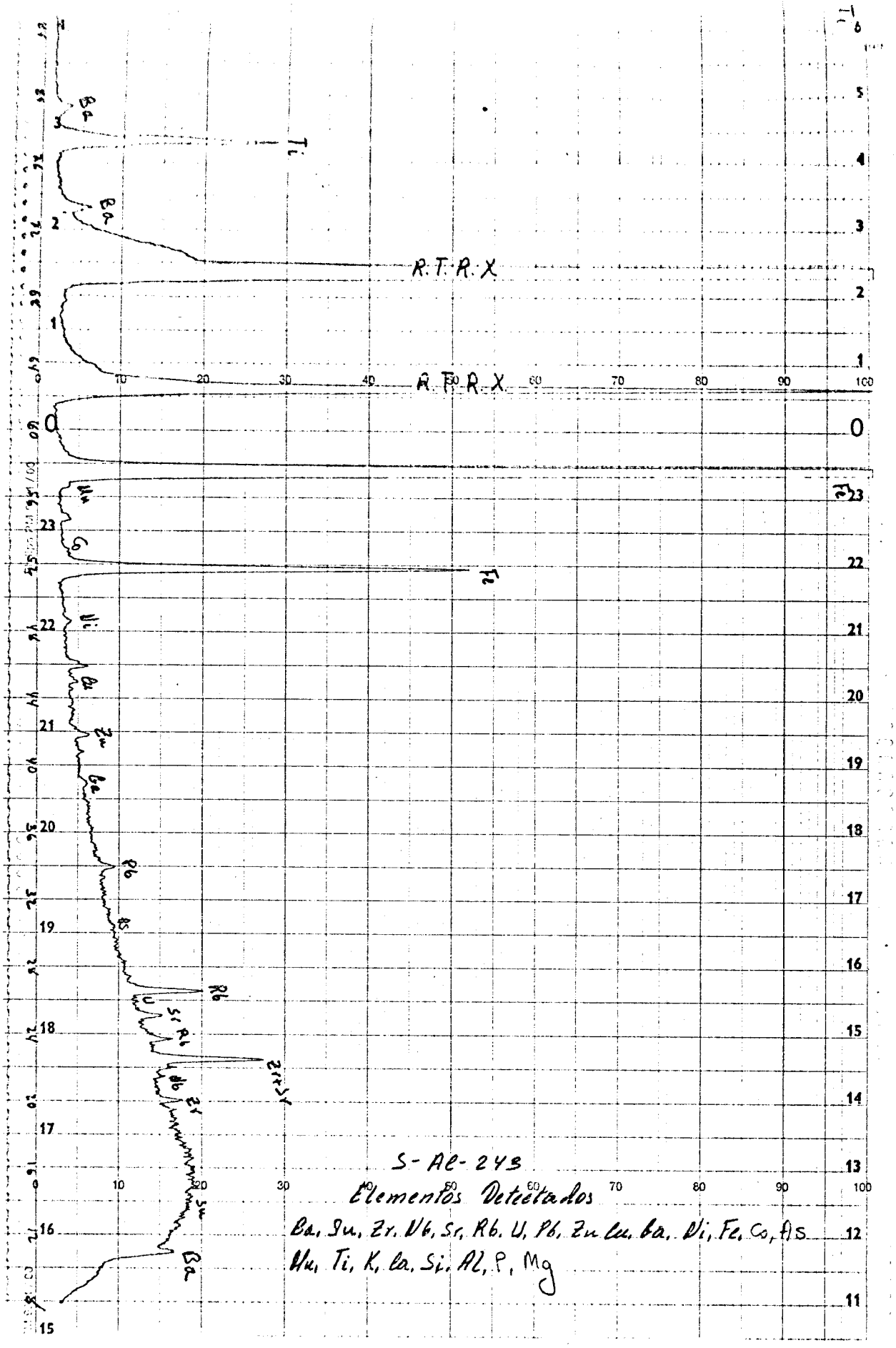
S-AC-242

Elementos Detectados

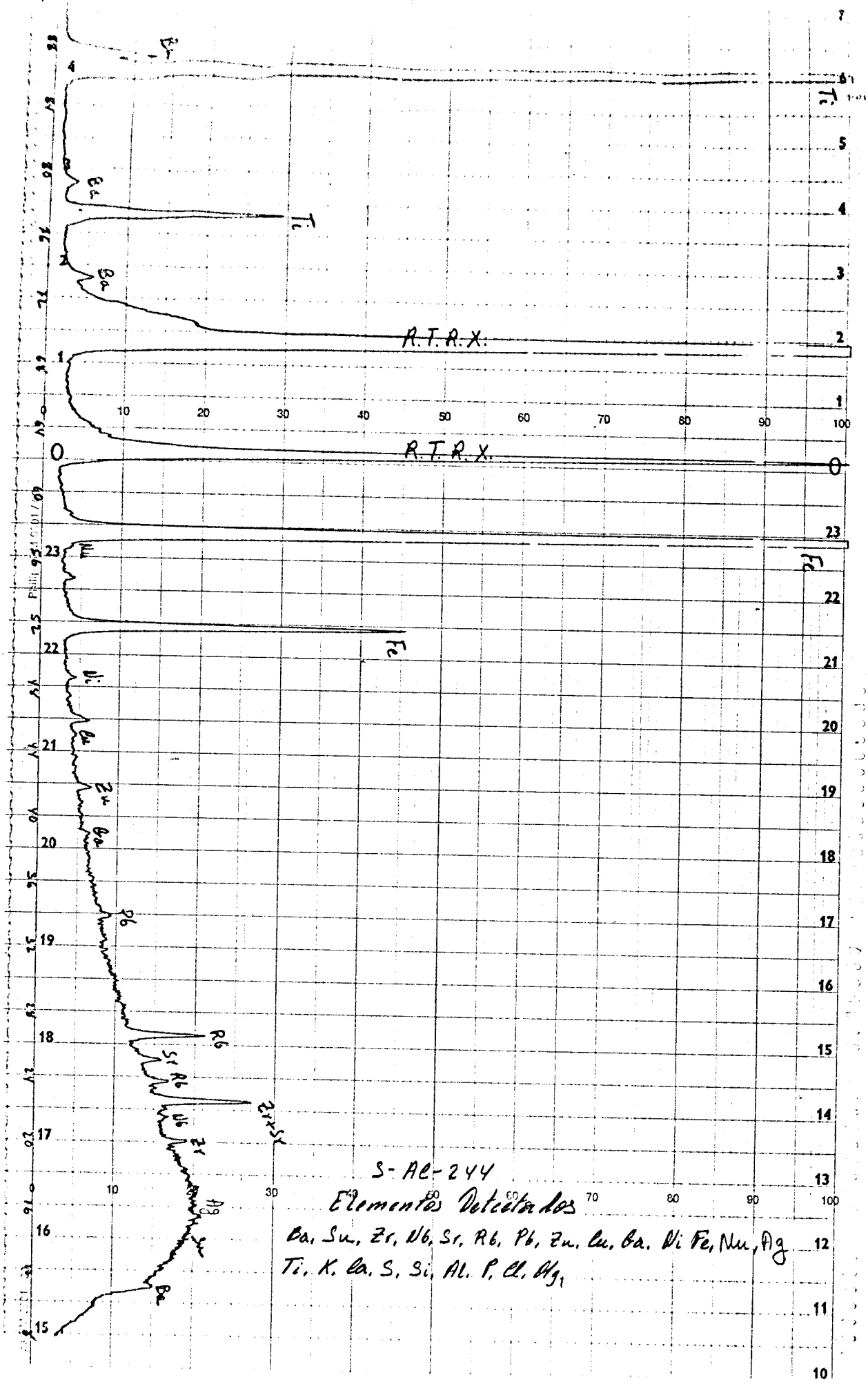
Ba, Sb, Zr, Nb, Sr, Rb, U, Cu, Pb, Zn, Ga, Mn, Fe, As, Br

Co, Mn, Ti, K, Ca, Si, Al, S, P, Mg, Bi

Philips PW1900/20
Ba
Ba
Ba
Ba
Ti
Ti
Fe
Fe
Ni
Co
Ni
Co
Zn
Co
Ni
Co
Ni
Co
Ni


R.T.R.X
R.T.R.X
S-AC-243
Elementos Detectados
Ba, Sn, Zr, Nb, Sr, Rb, U, Pb, Zn, Cu, Ba, Ni, Fe, Co, As
Mn, Ti, K, Ca, Si, Al, P, Mg

R.T.R.X
R.T.R.X
10
20
30
40
50
60
70
80
90
100

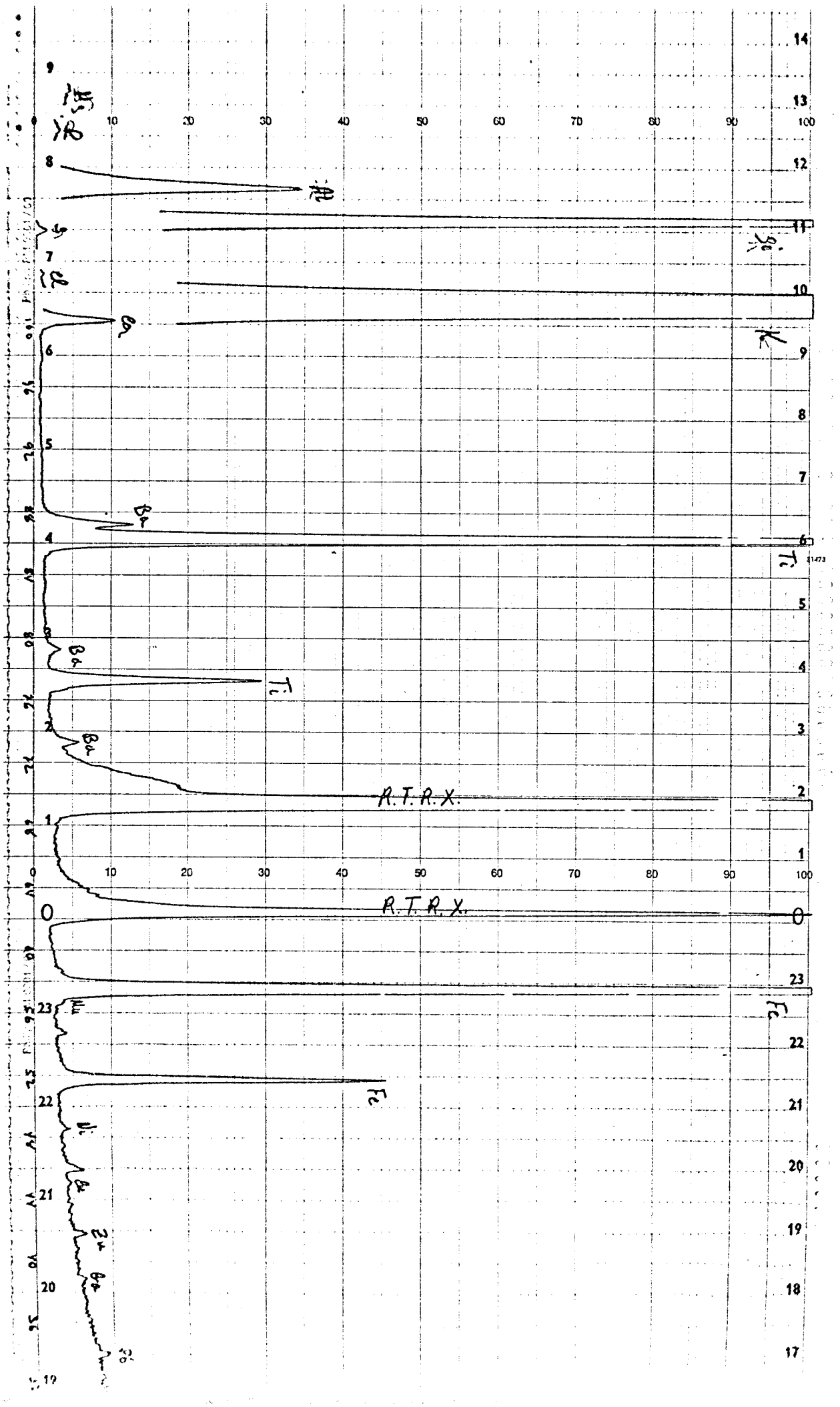


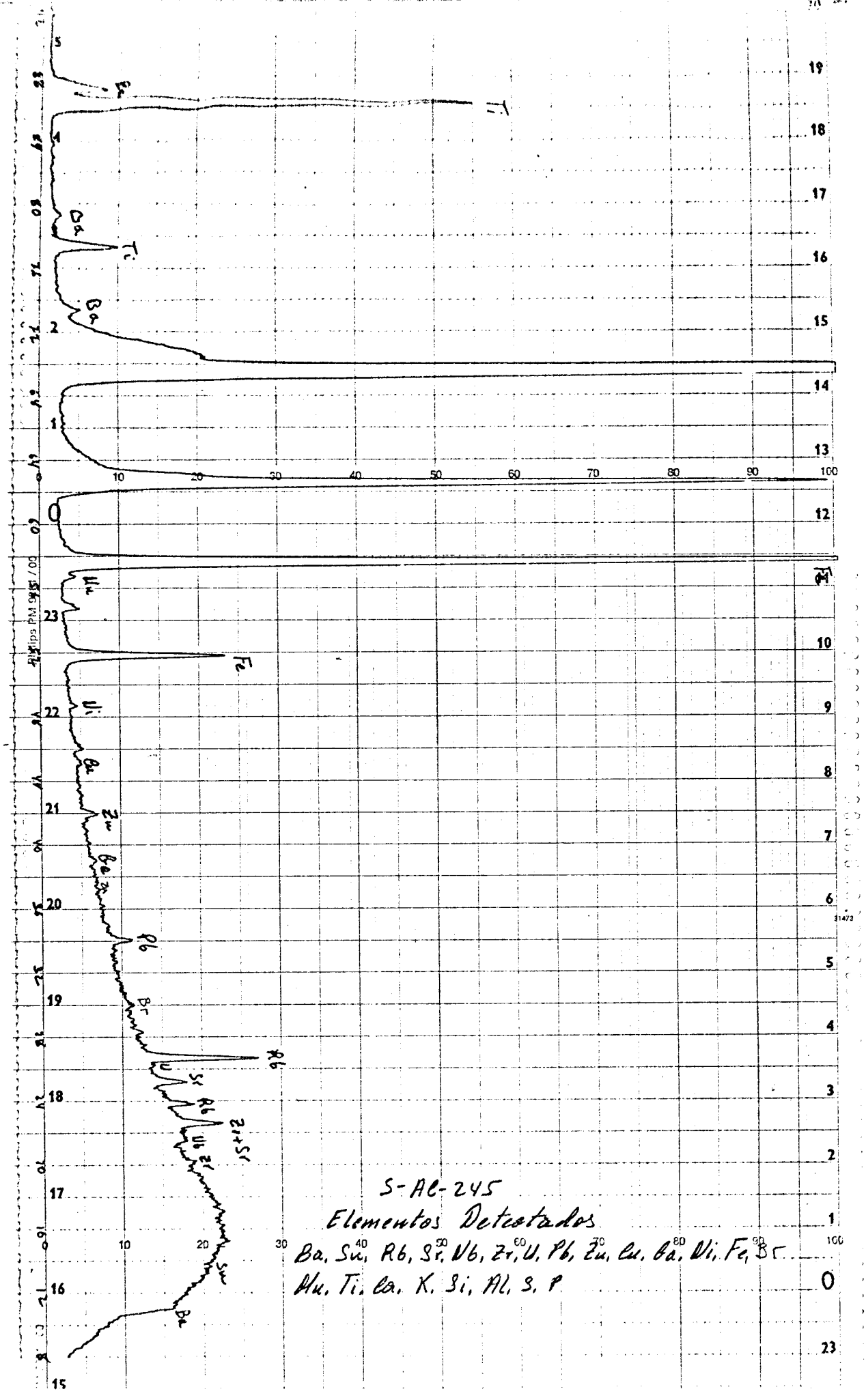
S-AC-244

Elementos Detectados

Ba, Sn, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ba, Ni Fe, Mn, Ag

Ti, K, Ca, S, Si, Al, P, Cl, Mg,


R.T.R.X.
R.T.R.X.
Ti
Fe
K
Ba
Ba
Ba

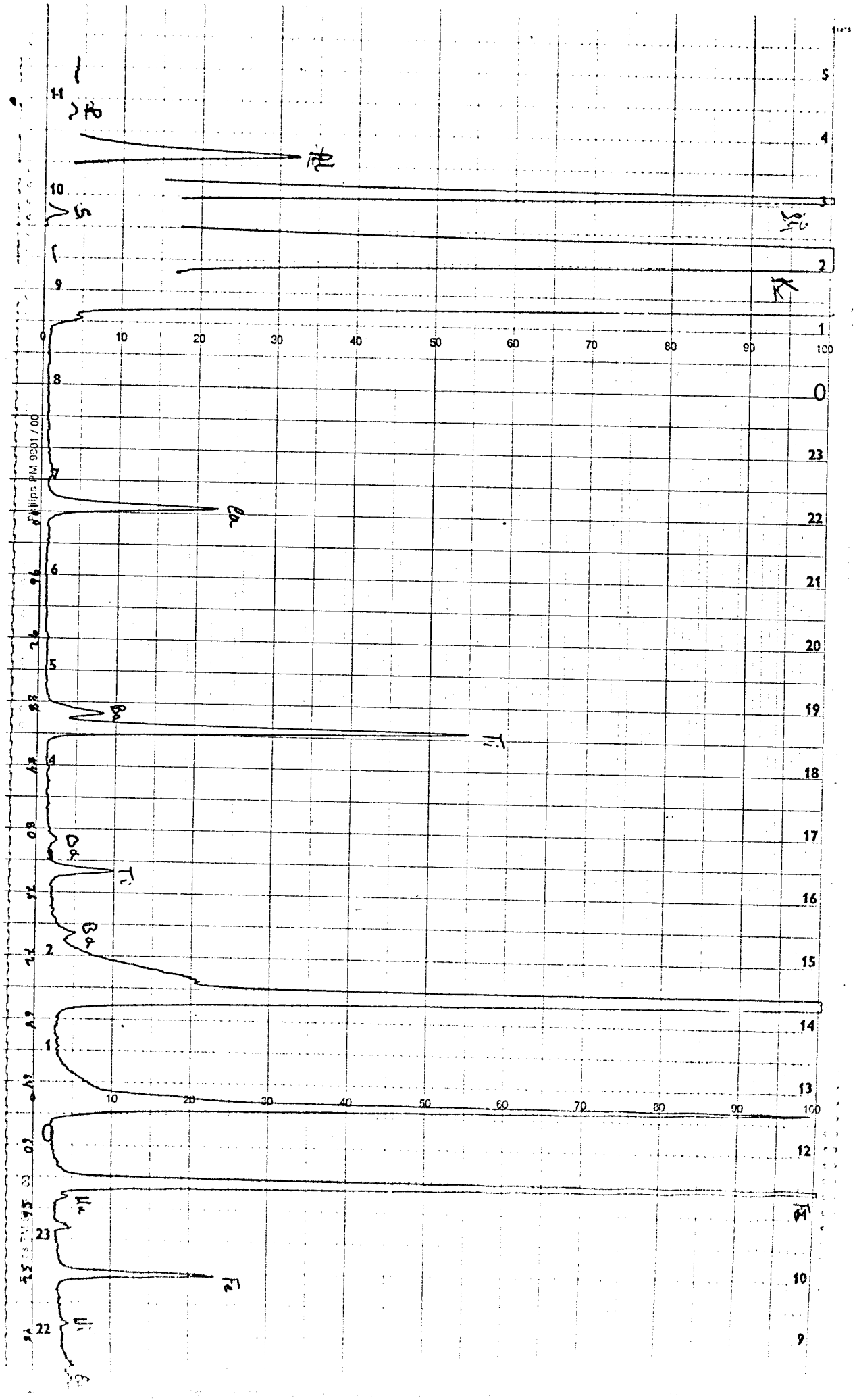


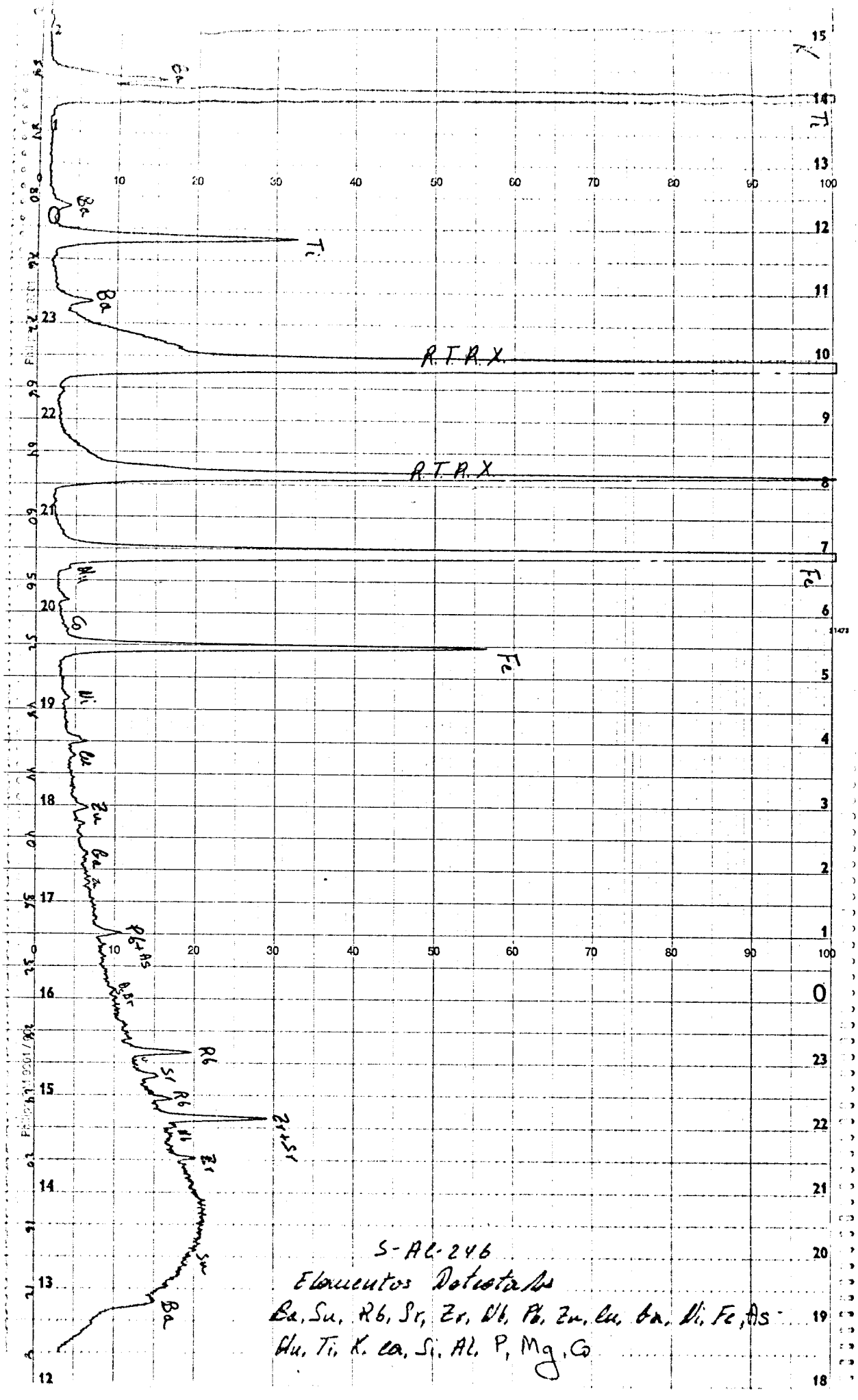
S-AC-245

Elementos Detectados

Ba, Sn, Rb, Sr, Nb, Zr, U, Pb, Zn, Cu, Co, Ni, Fe, Br

Mn, Ti, Ca, K, Si, Al, S, P


Philips PM 9301 / 00
0
10
20
30
40
50
60
70
80
90
100



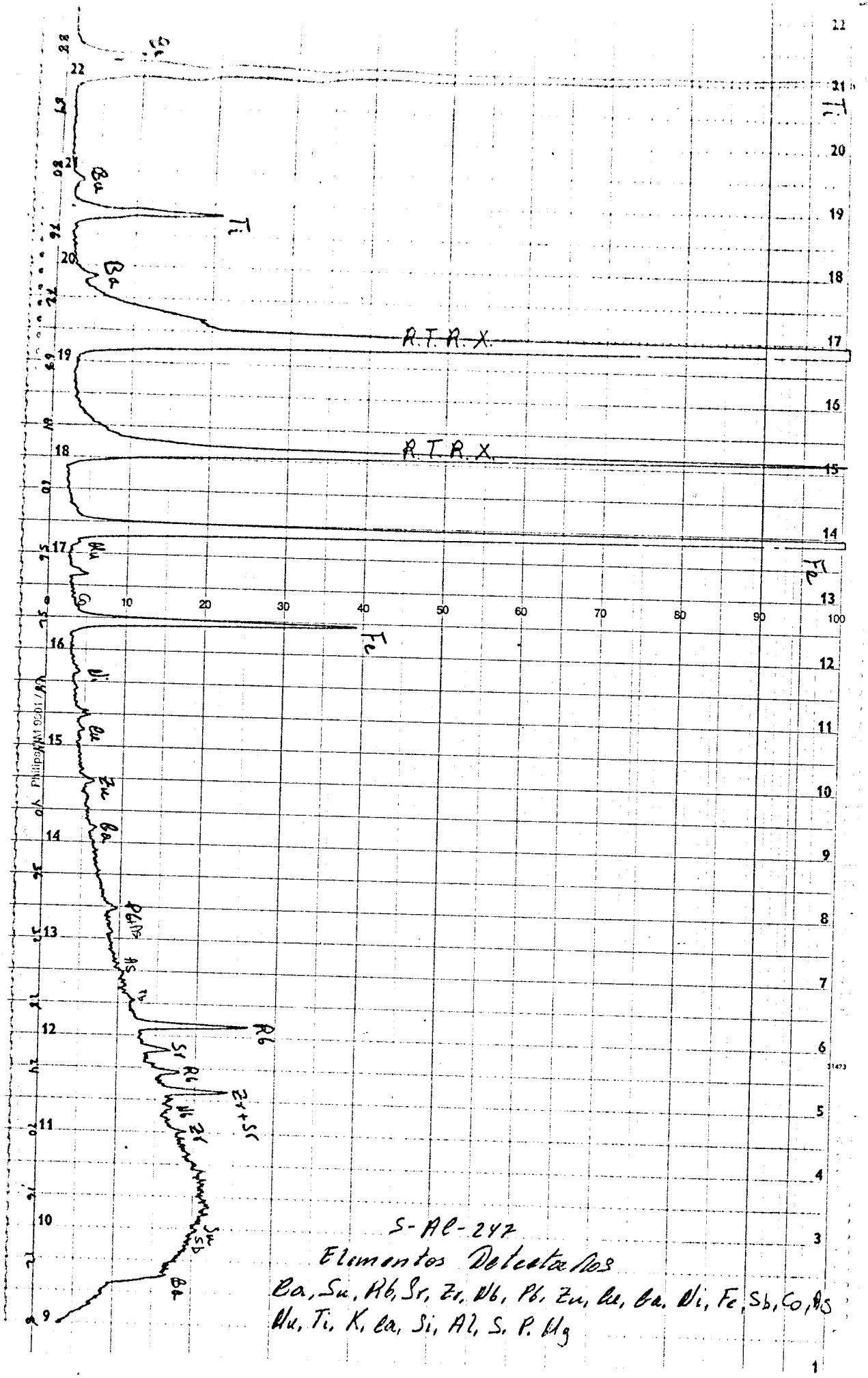
S-AL-246

Elementos Detectados

Ba, Sn, Rb, Sr, Zr, Nb, Pb, Zn, Cu, Ba, Mn, Fe, As

Mn, Ti, K, Ca, Si, Al, P, Mg, Co

Mg
P
Ca
Al
Ba
K
Ti
Ba
Ti
Ba
ATRX
ATRX
Mn
Co
Fe
Fe
Ni
Cu
Zn
Ba
Pb
10
20
30
40
50
60
70
80
90
100

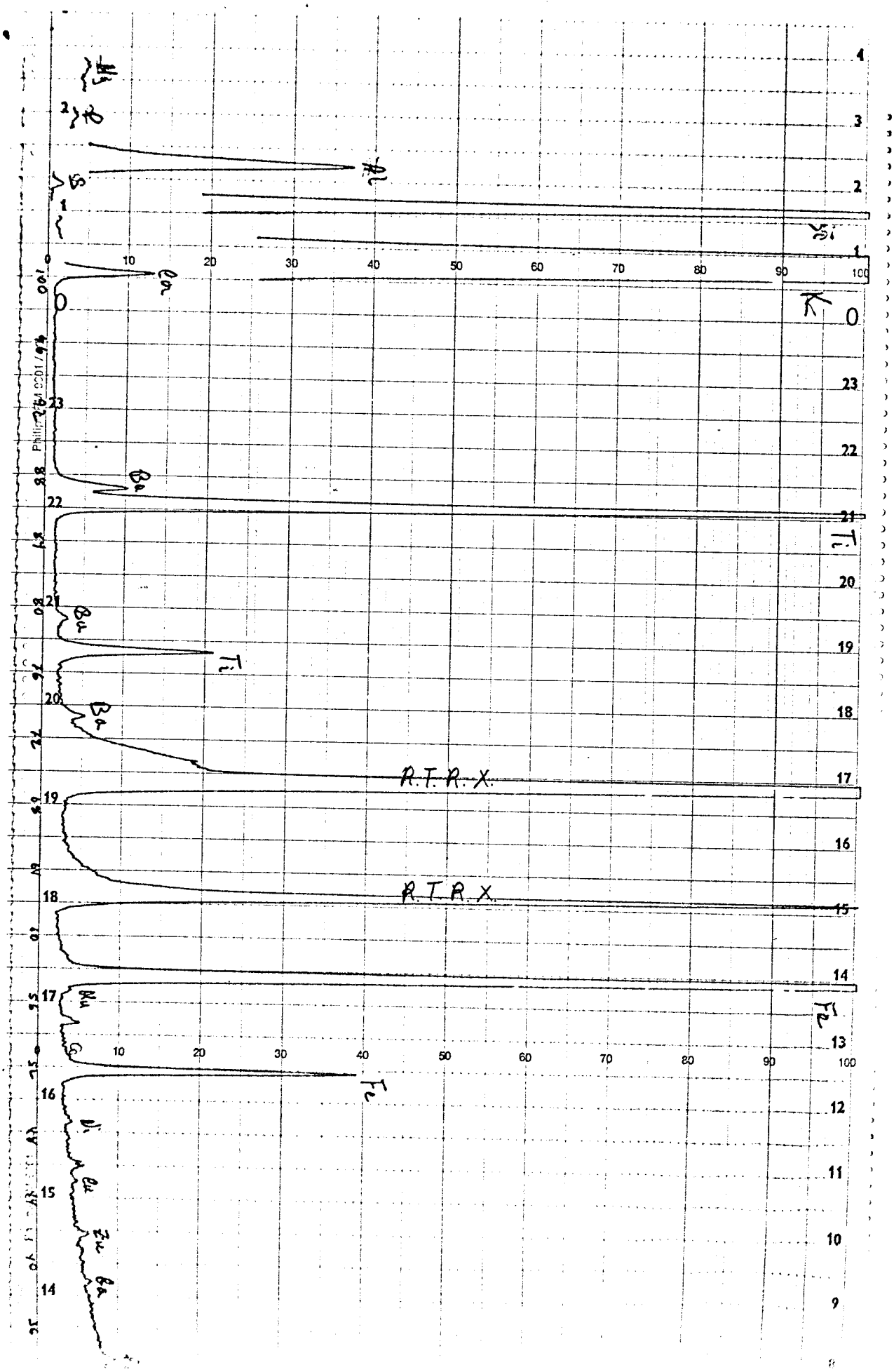


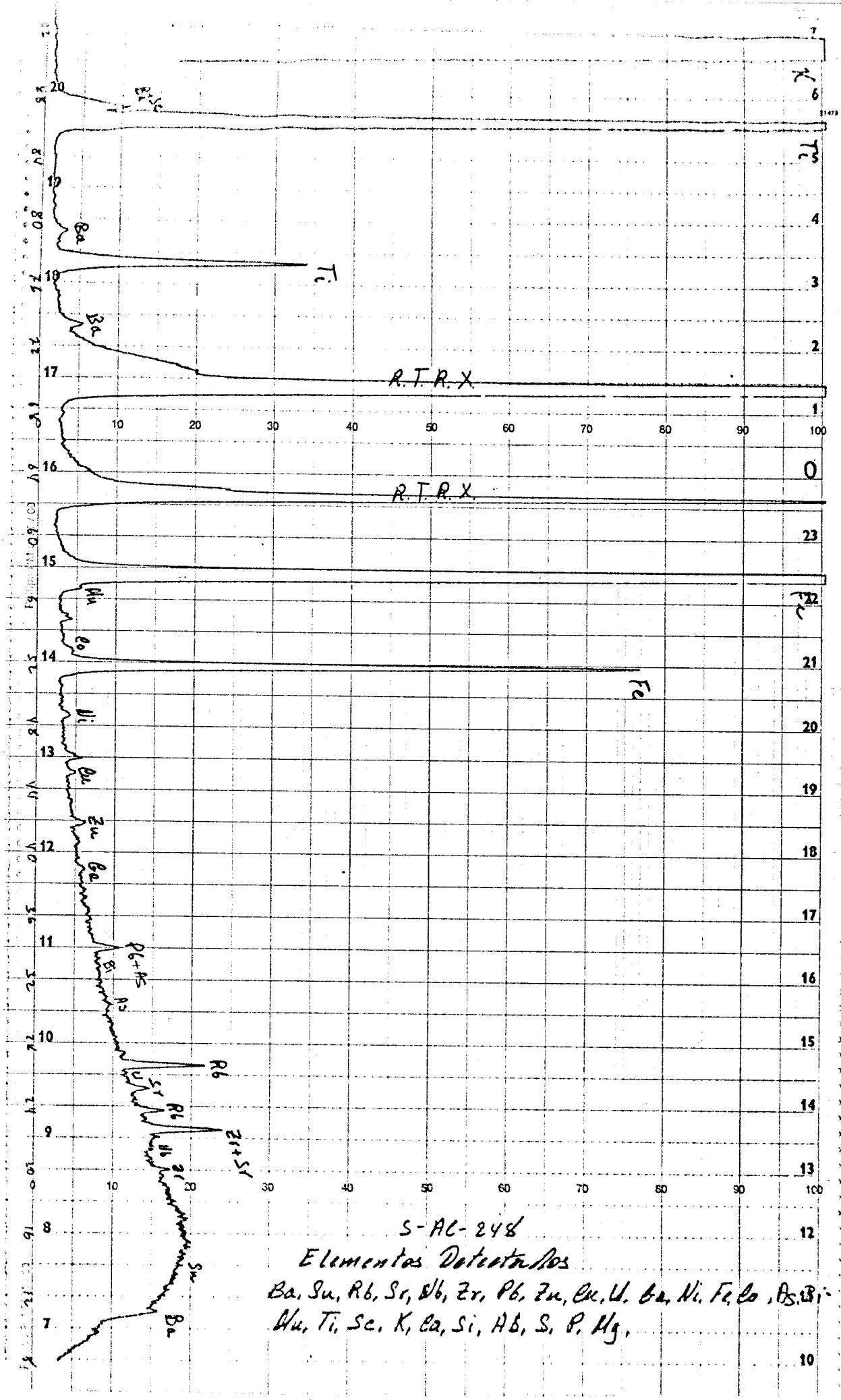
S-AC-247

Elementos Detectados

Ca, Su, Rb, Sr, Zr, Nb, Pb, Zn, Cu, Ga, Ni, Fe, Sb, Co, As

Mn, Ti, K, Ca, Si, Al, S, P, Mg

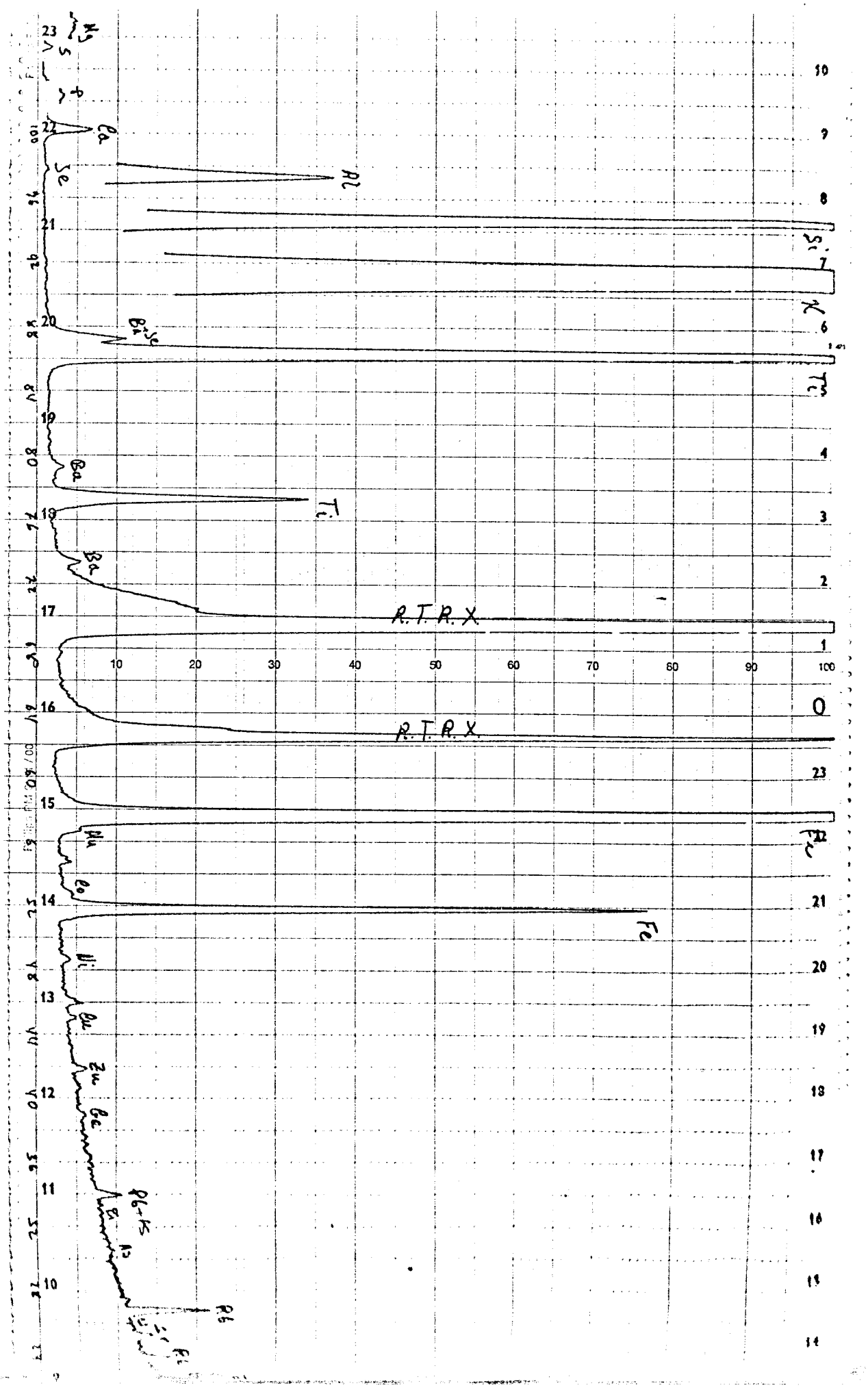

Ca
K
Ba
Ti
Ba
Ti
Ba
R.T.R.X.
RTRX
Ru
Fe
Fe
Li
Eu
Ba
Si
Ti
Fe
Ca
Ba
Ti
Fe
Si
Ca
Ba
Ti
Fe
Si
Ca
Ba
Ti
Fe
Si



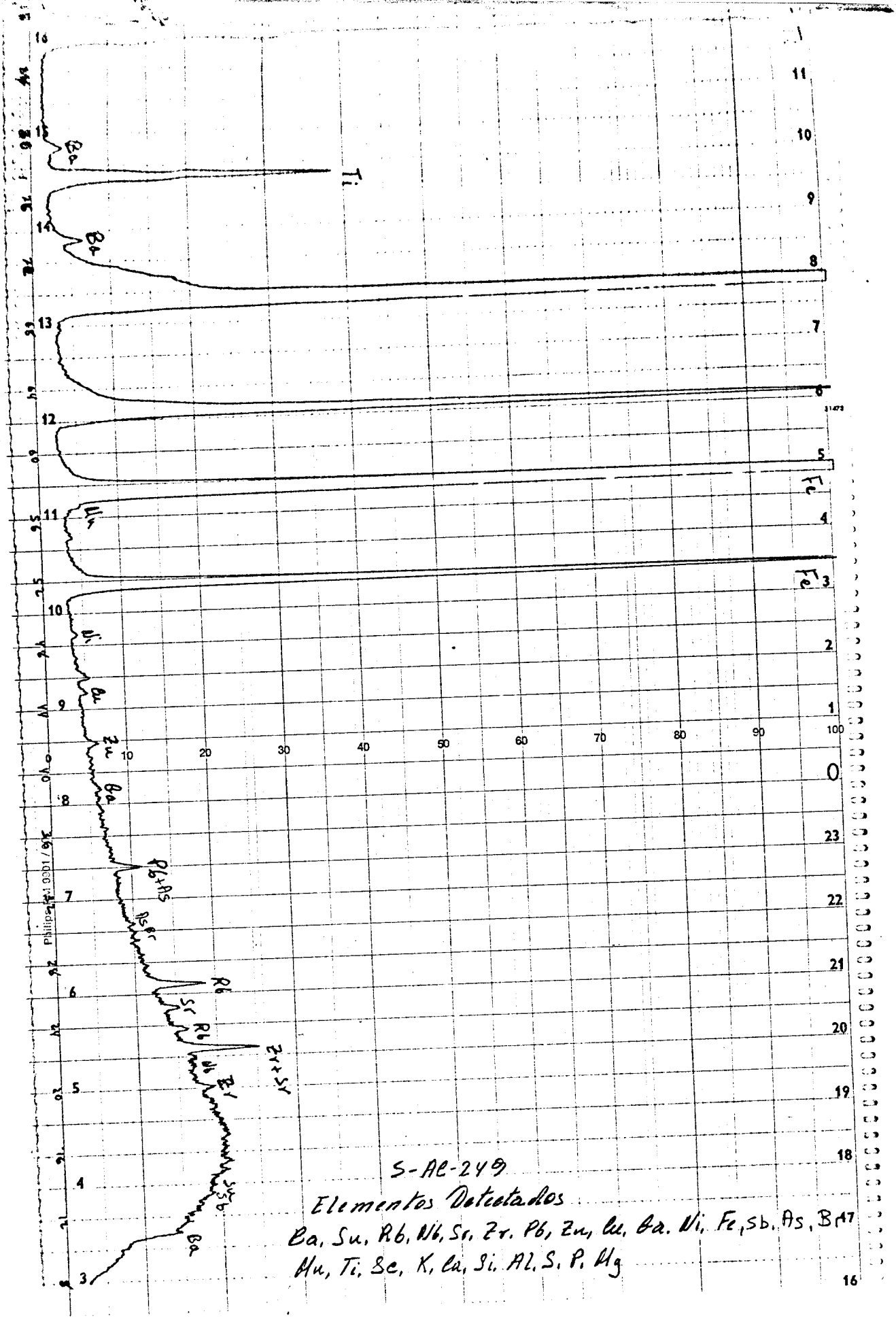
S-AC-248

Elementos Detectados

Ba, Sn, Rb, Sr, Nb, Zr, Pb, Zn, Cu, U, Ga, Ni, Fe, Co, As, Bi, Mn, Ti, Sc, K, Ca, Si, Al, S, P, Mg,



Al
Si
K
Ti
Ba
Ti
Ba
R.T.R.X.
O
R.T.R.X.
Fe
Fe
Ca
Se
Ba+Se
Ba
Au
Co
Ni
Cu
Zn
Ga
Pb+As
Rb
10
20
30
40
50
60
70
80
90
100



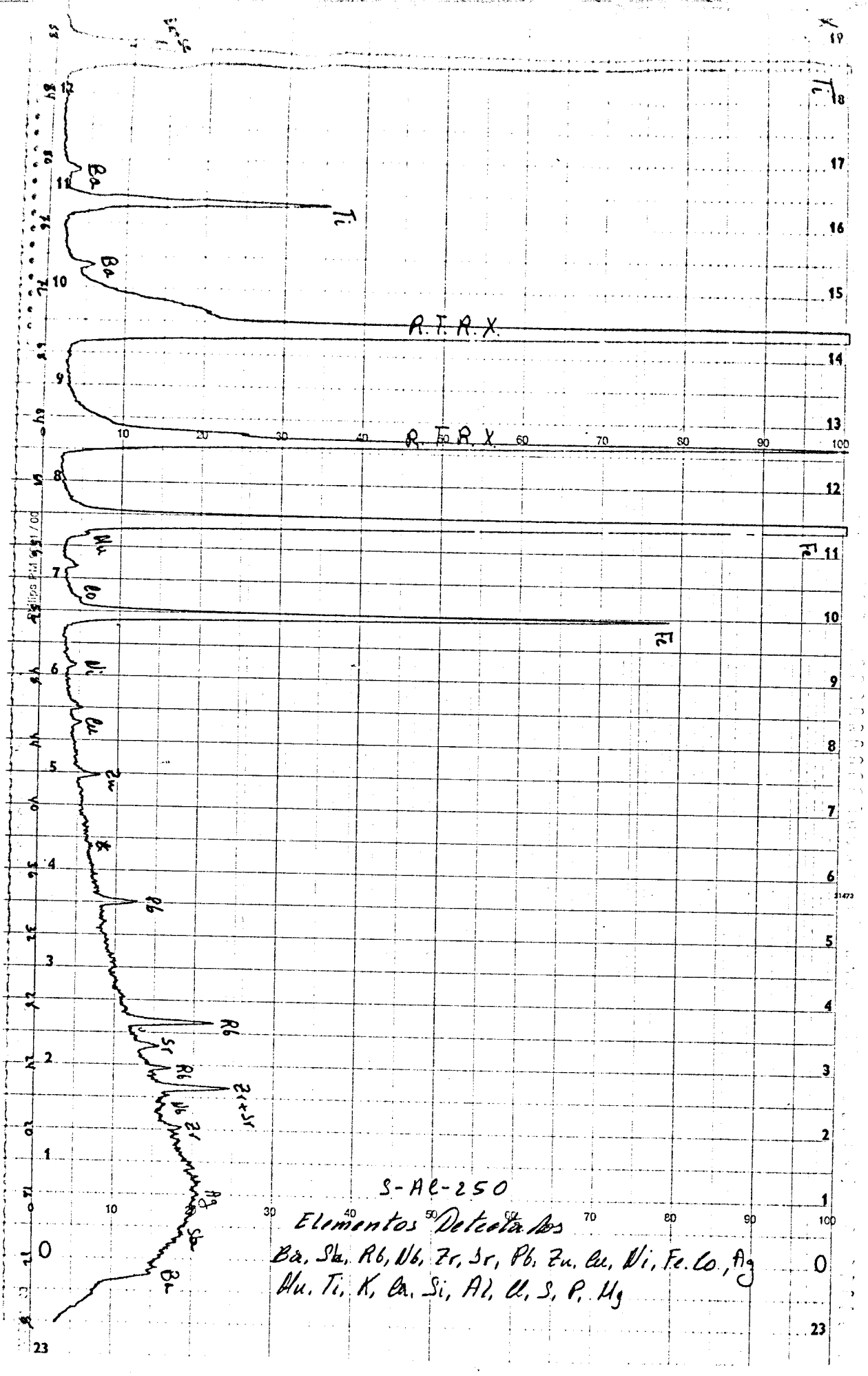
S-AC-249

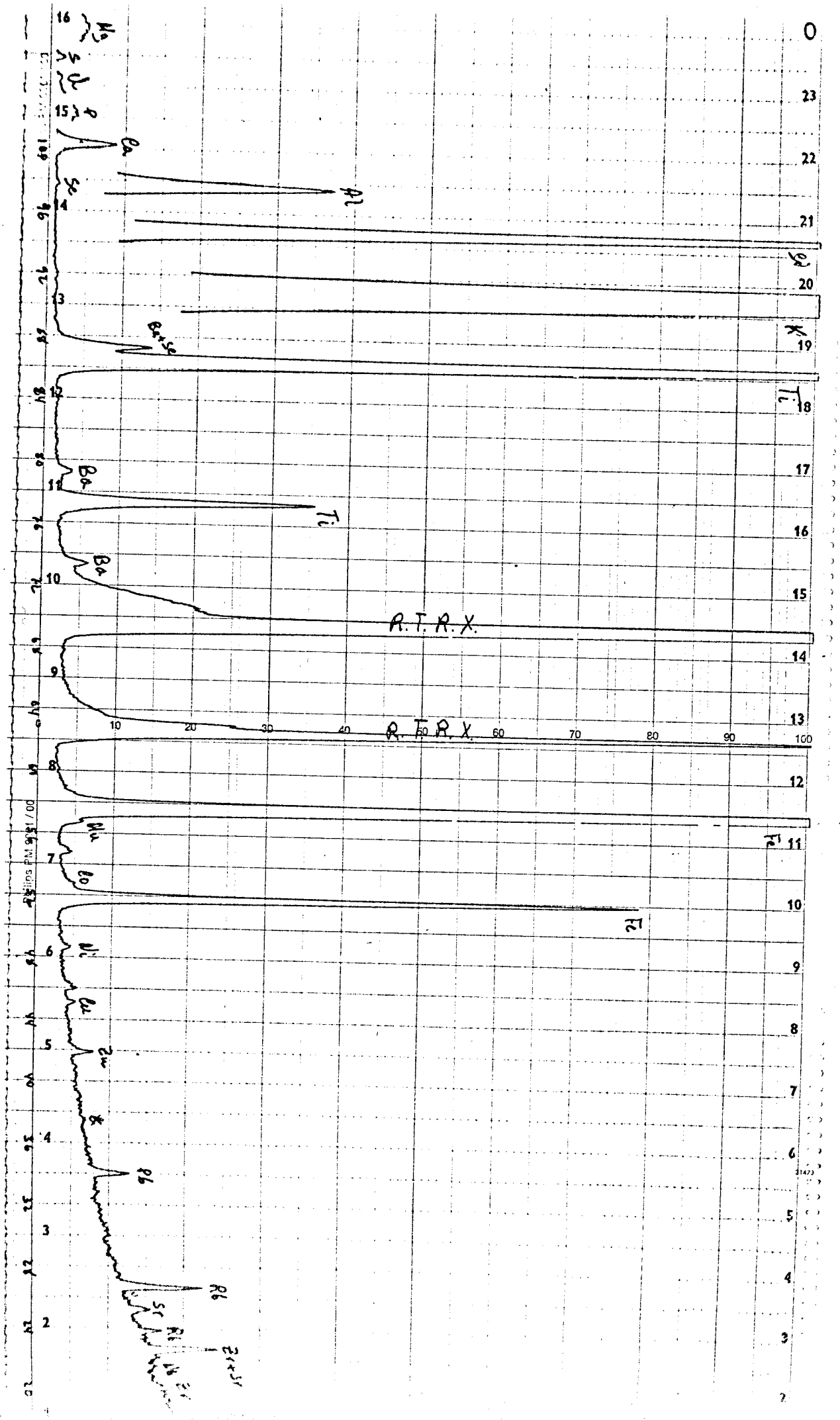
Elementos Detectados

Ba, Sn, Rb, Nb, Sr, Zr, Pb, Zn, Cu, Ba, Ni, Fe, Sb, As, Br

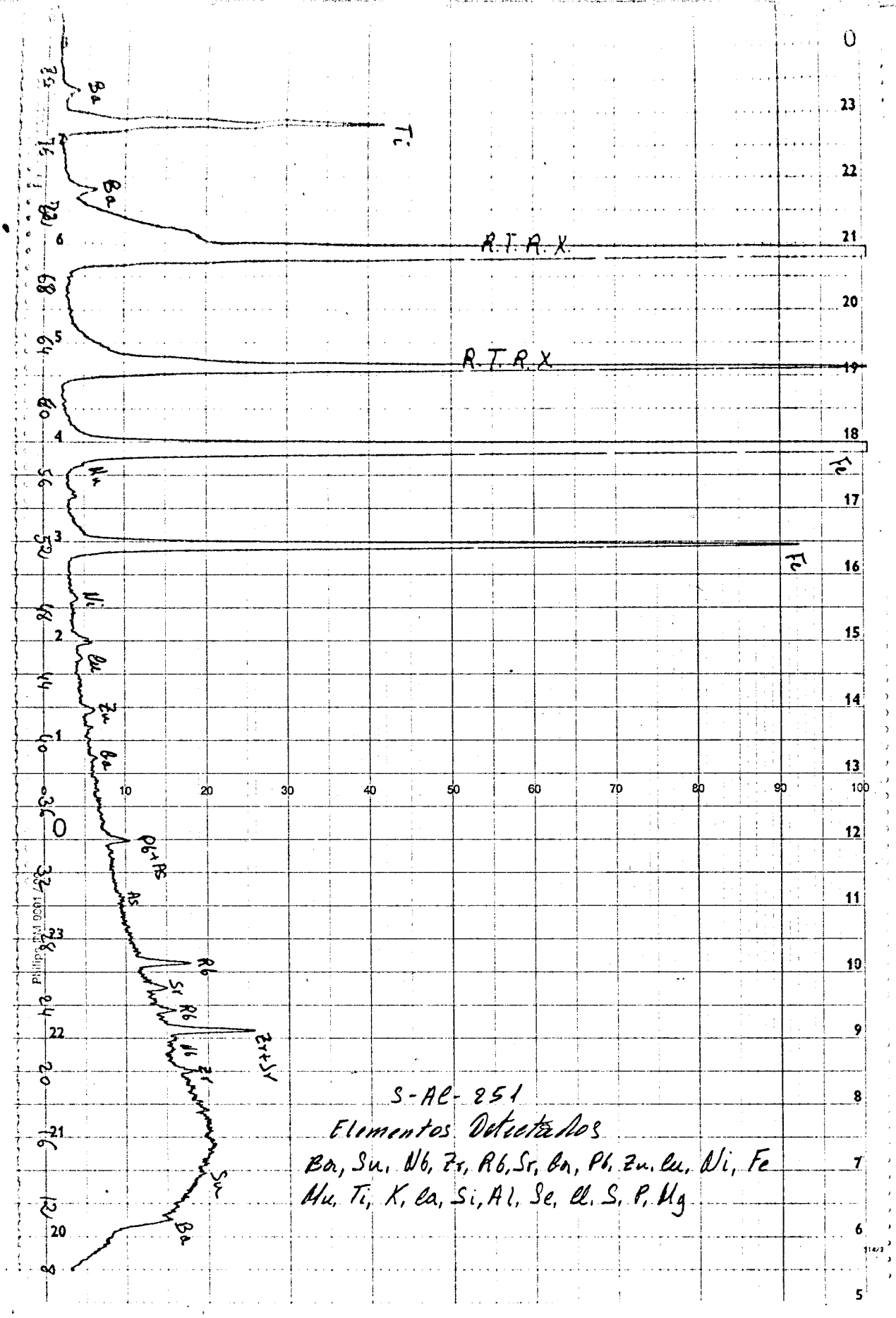
Mn, Ti, Sc, K, Ca, Si, Al, S, P, Mg

Al
Si
K
Ti
Fe
Fe
Ba
Ti
Ba
Ba
Ba
Ba
Pb Pb
Ba
Sr
Ba
Ti
Ba
Ba
Ba
Ba


Ba
Ti
Ba
R.T.R.X.
R.T.R.X.
Mn
Fe
Ni
Cu
Zn
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ag
Sb
Br
S-AL-250
Elementos Detectados
Ba, Sb, Rb, Nb, Zr, Sr, Pb, Zn, Cu, Ni, Fe, Co, Ag
Mn, Ti, K, Ca, Si, Al, Cl, S, P, Mg



Ca
Al
Se
Ba+Se
K
Ti
Ba
Ti
Ba
R.T.R.X.
R.T.R.X.
Mn
Co
Fe
Ni
Cu
Zn
Pb
Rb
Sr
Zr+Sr
10
20
30
40
50
60
70
80
90
100

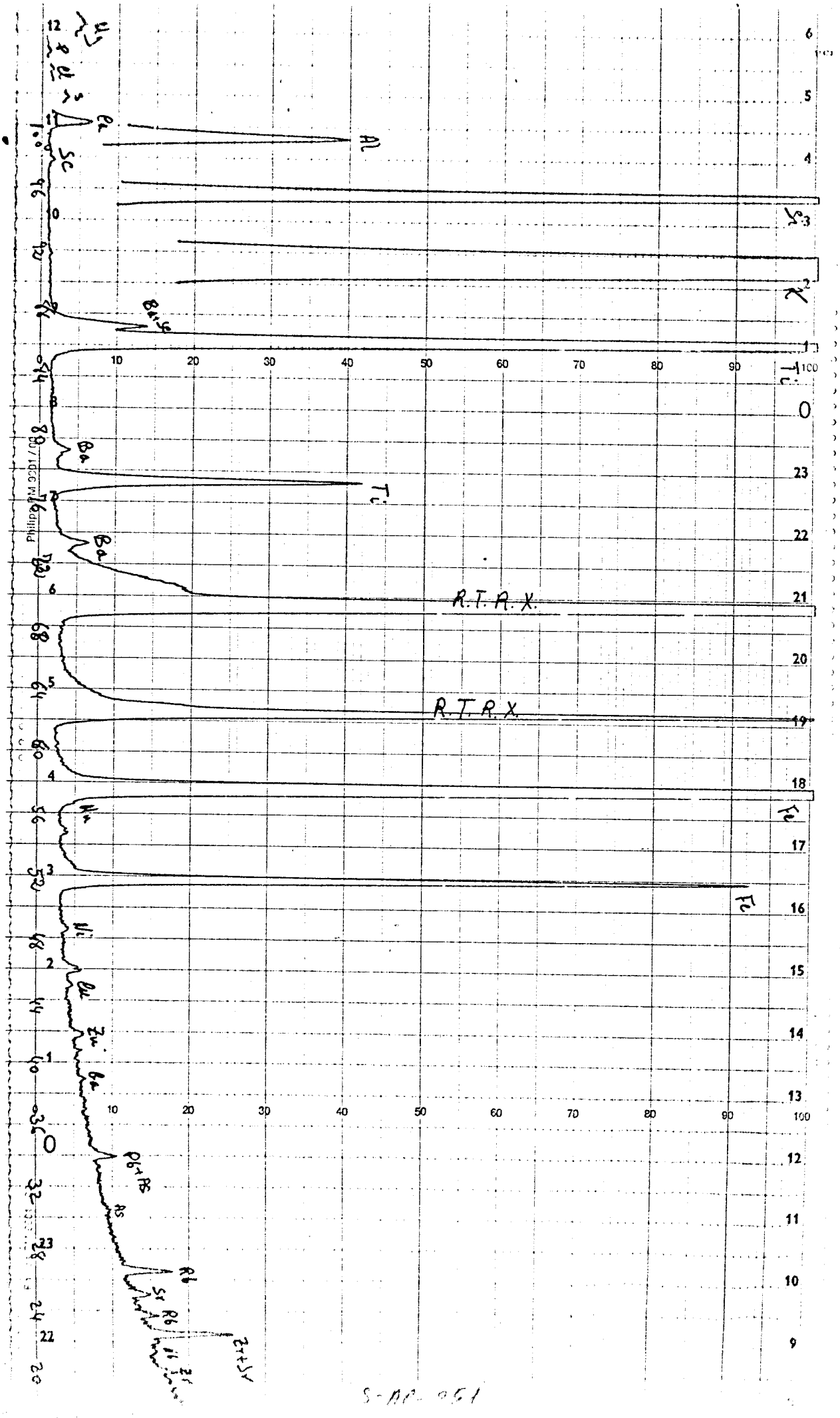


S-AC-251

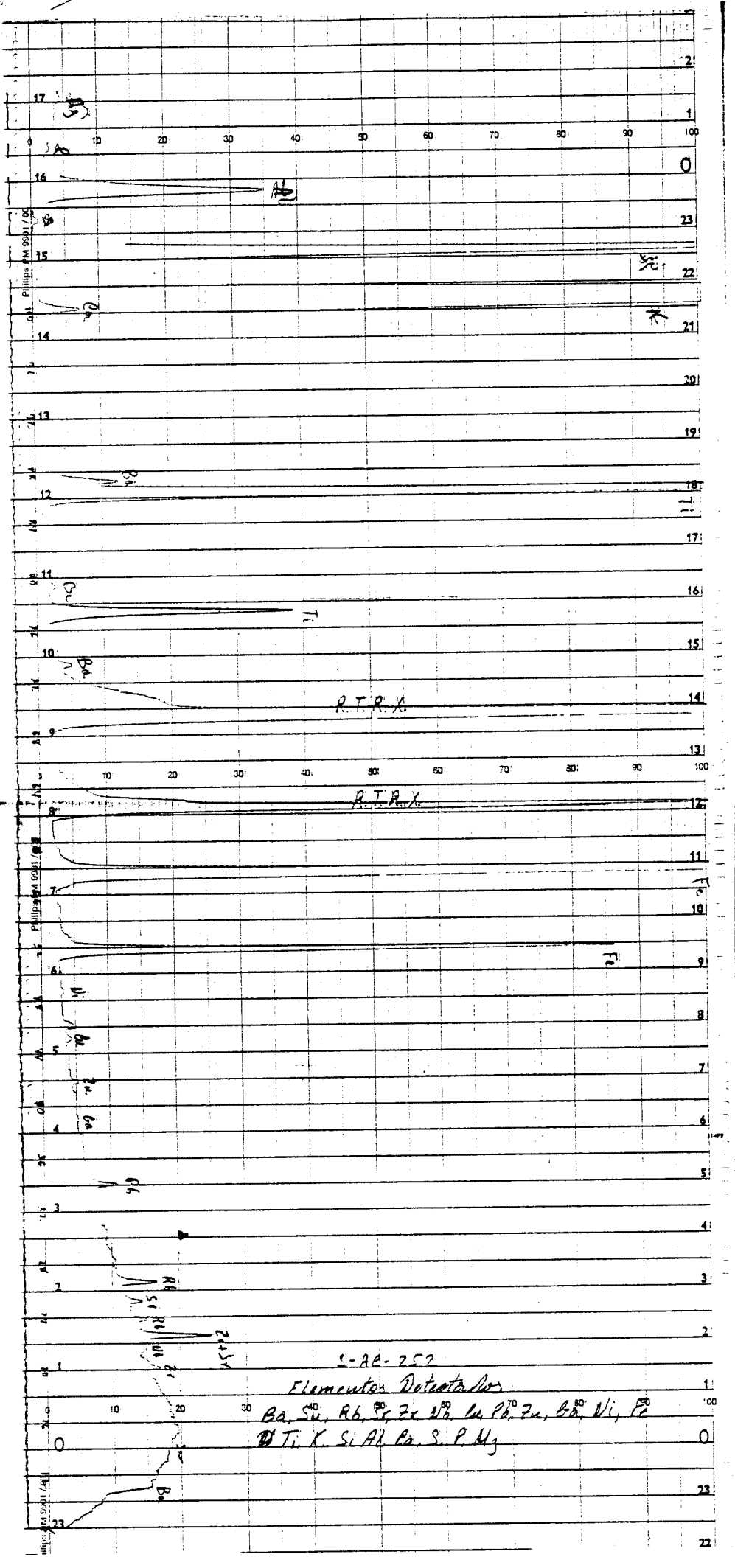
Elementos Detectados

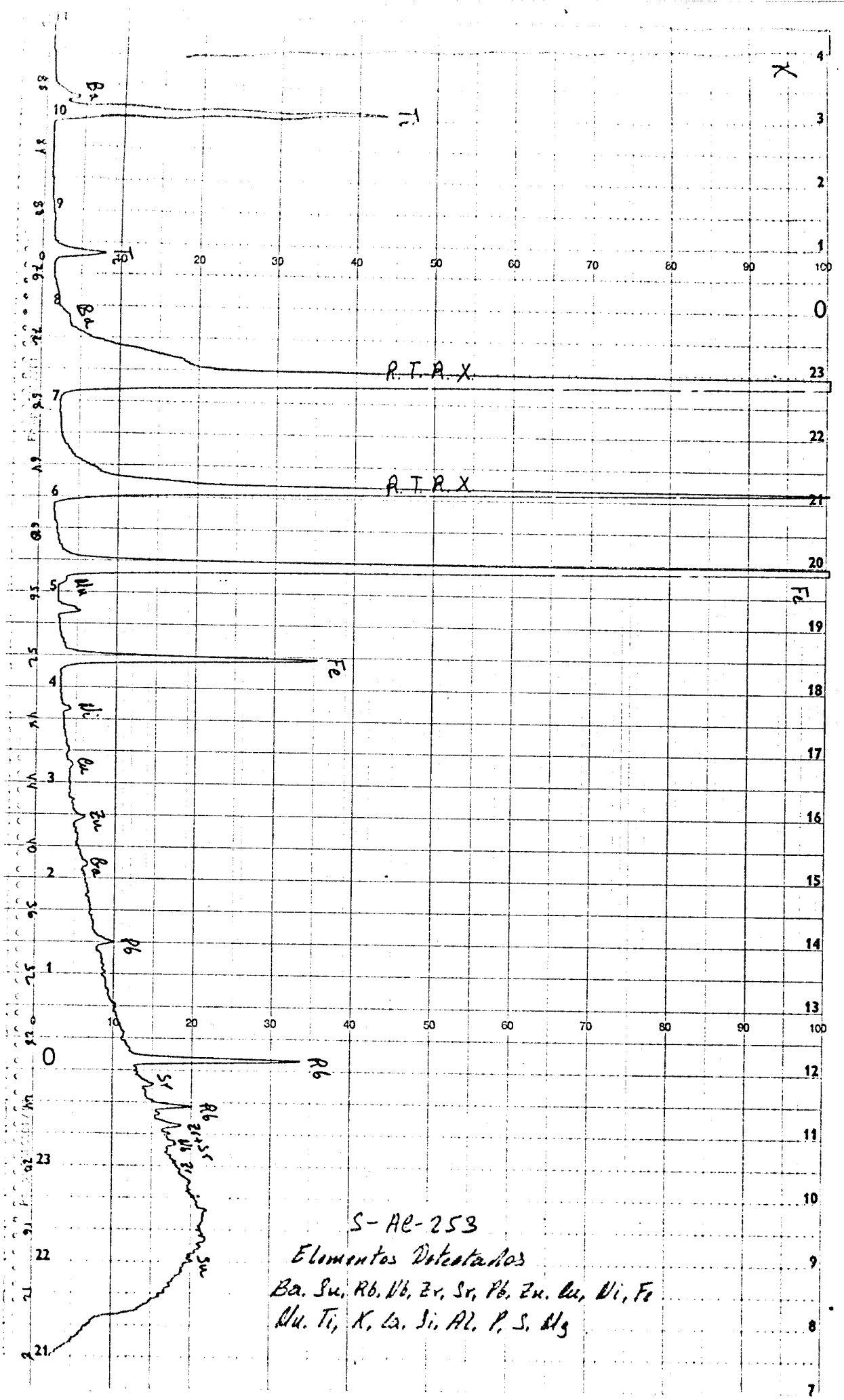
Ba, Sn, Nb, Zr, Rb, Sr, Ba, Pb, Zn, Cu, Ni, Fe

Mn, Ti, K, Ca, Si, Al, Se, Cl, S, P, Mg



S-AP-051


R.T.R.X.
R.T.A.X.
S-AE-252
Elementos Detectados
Ba, Sn, Rb, Sr, Zr, Nb, La, Pb, Zn, Ba, Ni, Fe
Ti, K, Si, Al, Ca, S, P, Mg

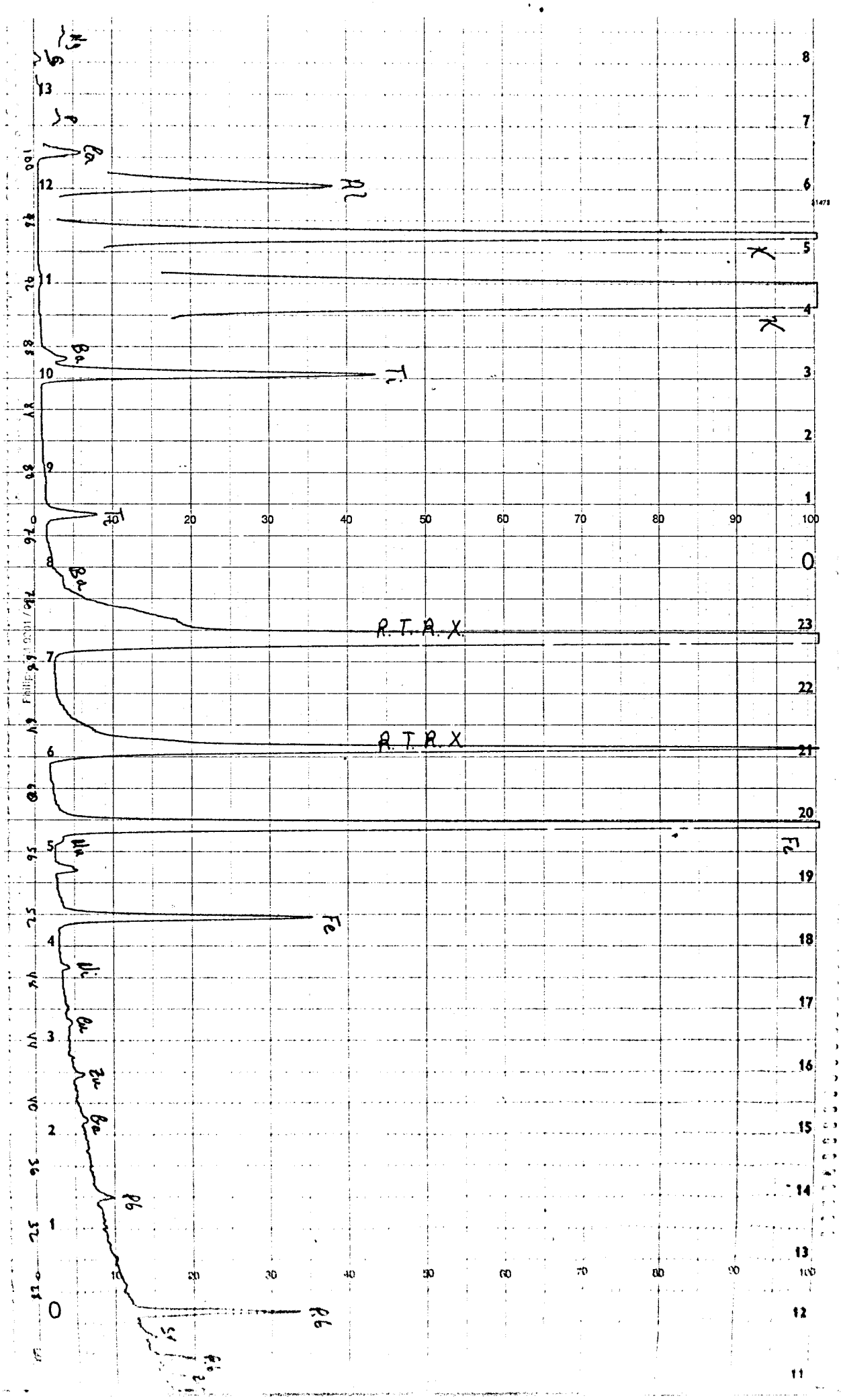


S-AC-253

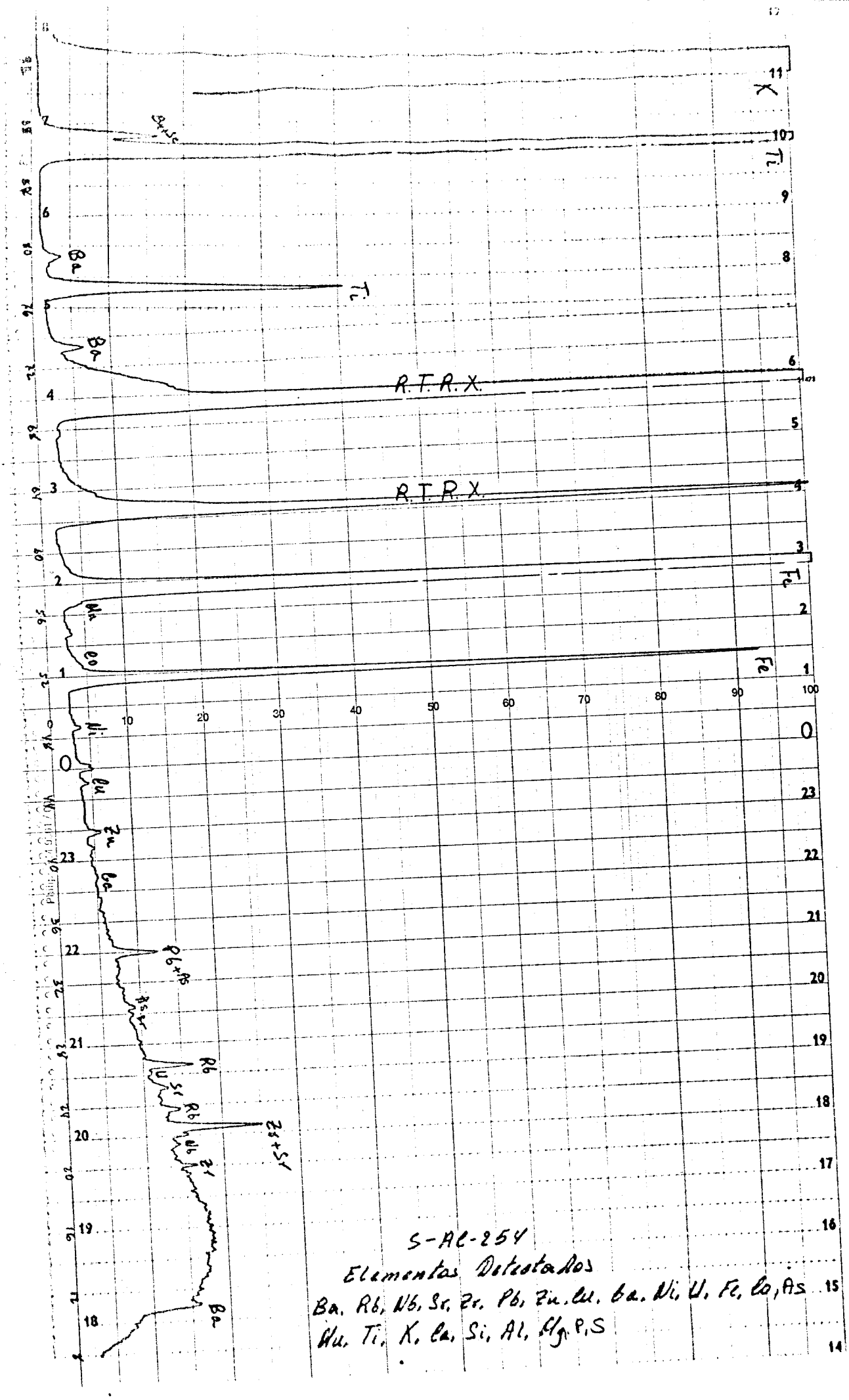
Elementos Detectados

Ba. Sn. Rb. Nb. Zr. Sr. Pb. Zn. Cu. Ni. Fe

Mn. Ti. K. Ca. Si. Al. P. S. Mg



Al
K
K
Ti
Ti
Ba
Ba
R.T.R.X.
R.T.R.X
Fe
Fe
Pb
Pb
0
10
20
30
40
50
60
70
80
90
100

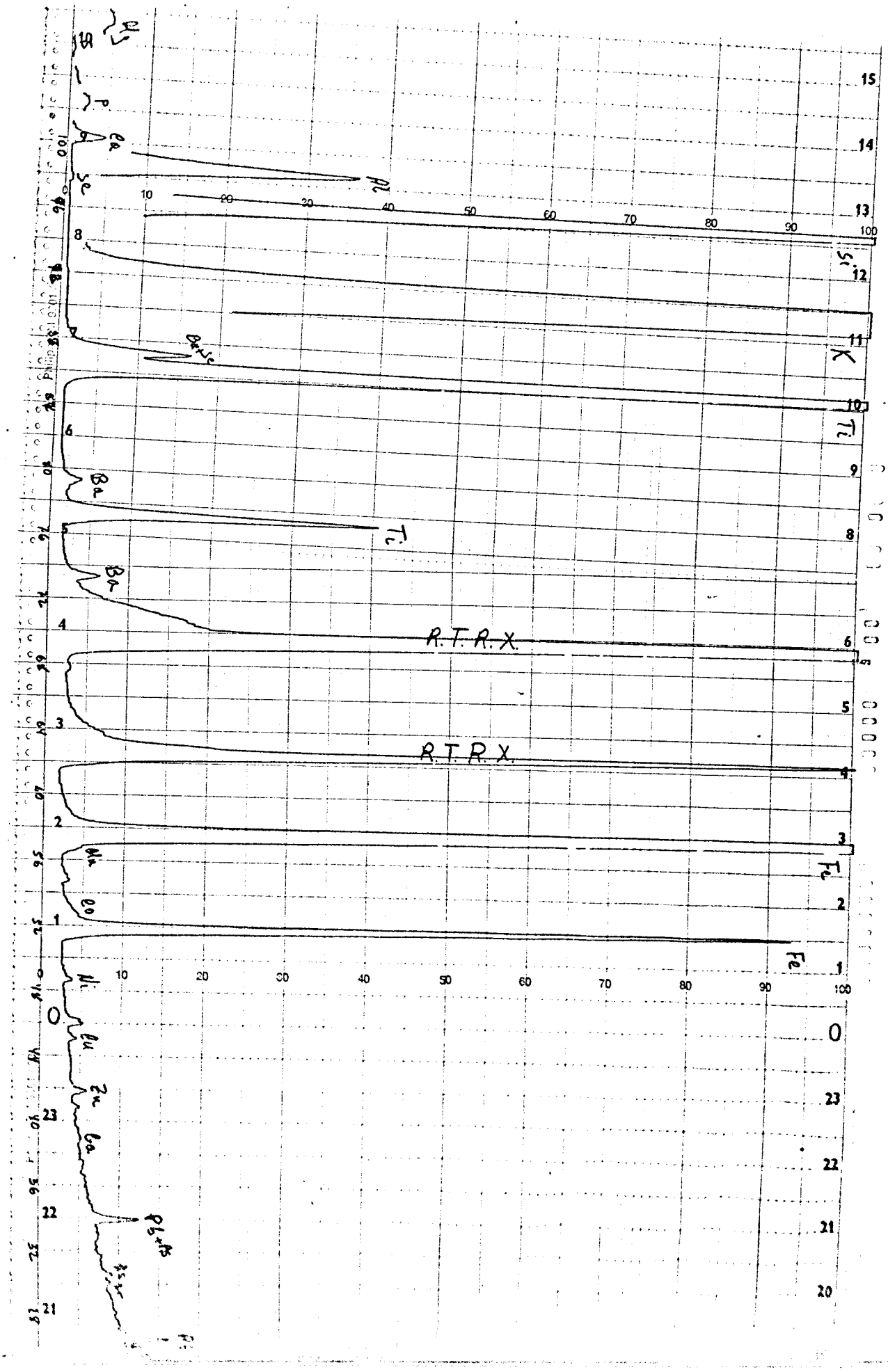


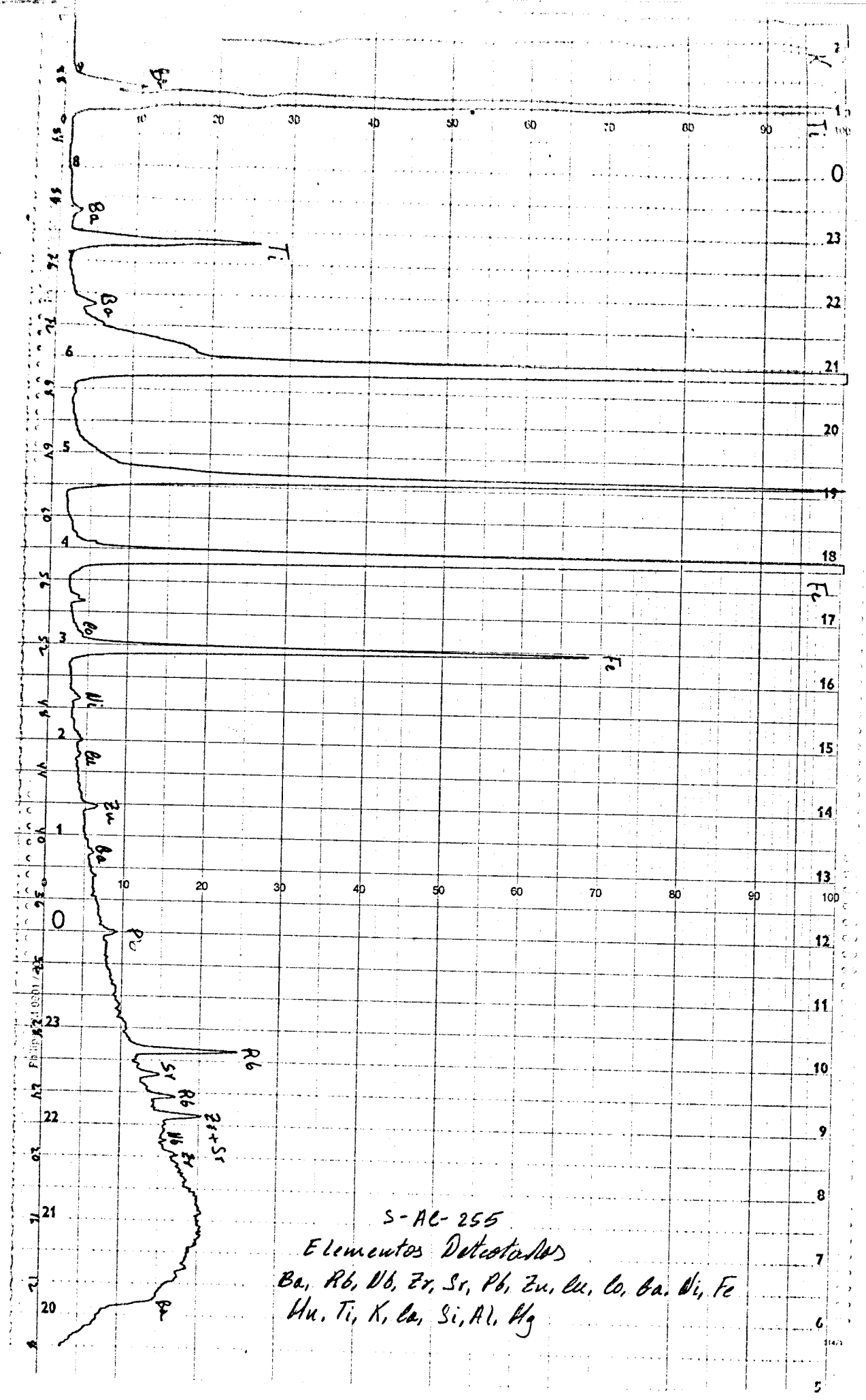
S-AC-254

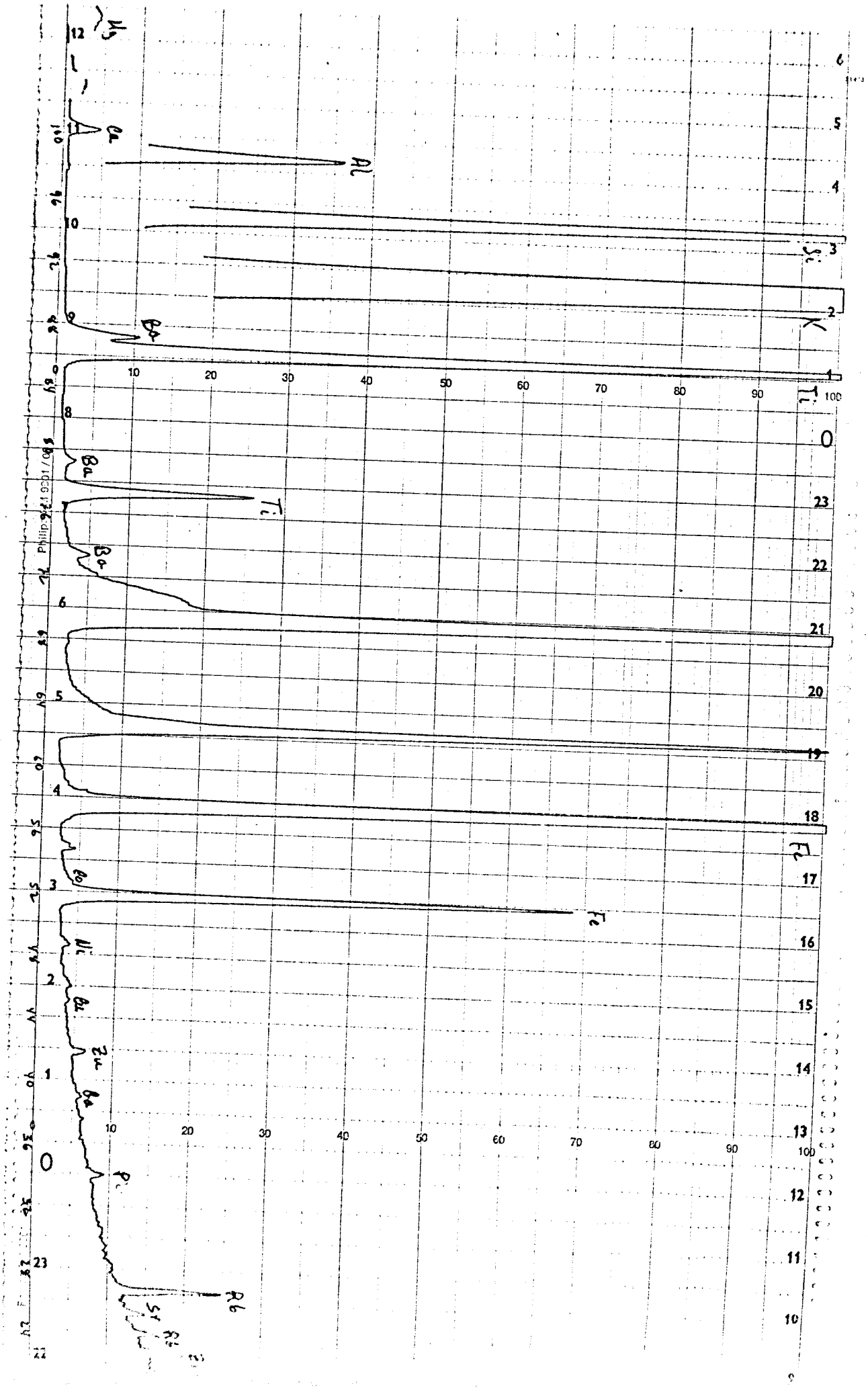
Elementos Detectados

Ba, Rb, Nb, Sr, Zr, Pb, Zn, Cu, Ba, Ni, U, Fe, Co, As

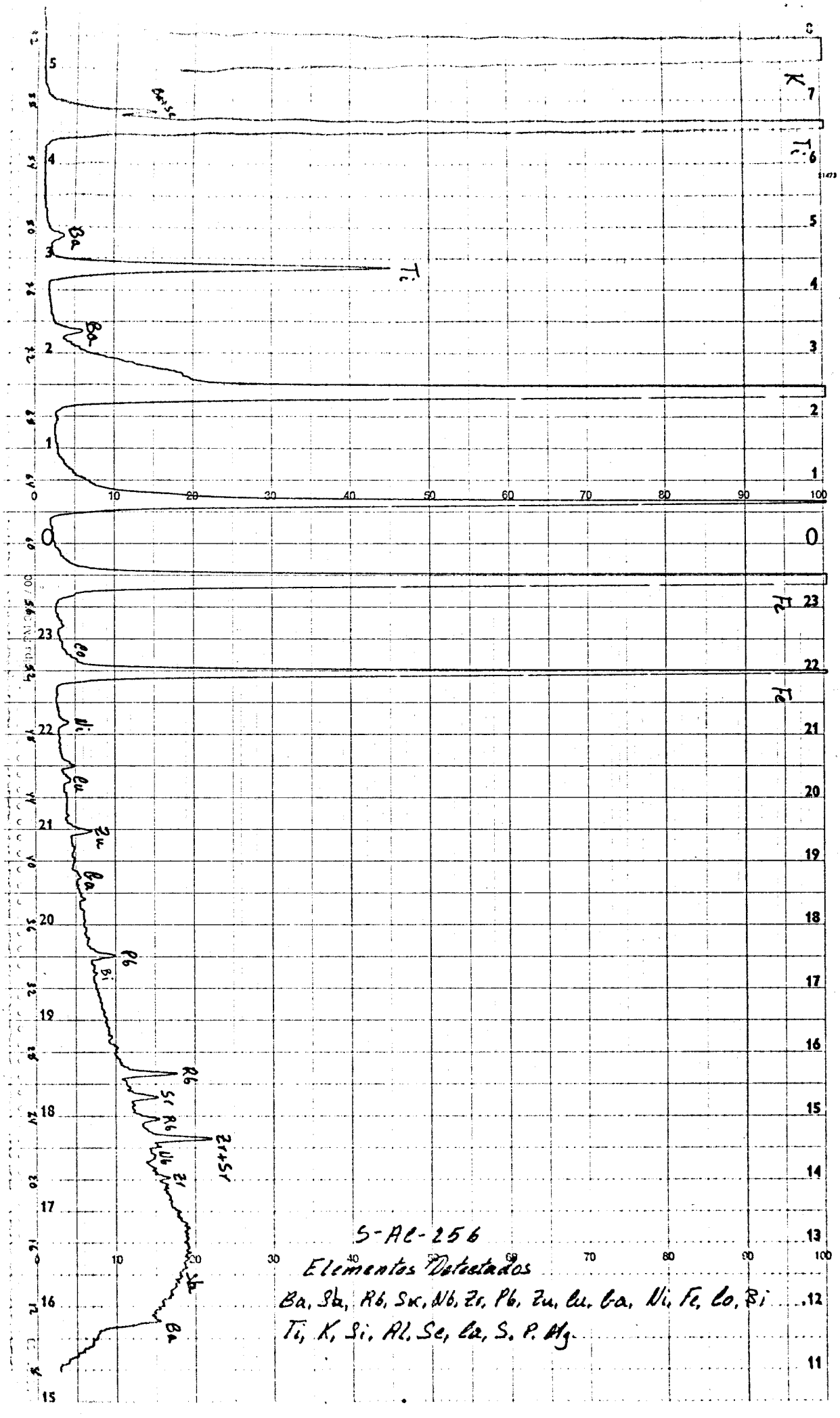
Mn, Ti, K, Ca, Si, Al, Mg, P, S


Ca
Sc
Rb
Sr
Zr
Nb
Mo
Ag
Cd
In
Sn
Sb
Te
I
Cs
Ba
La
Ce
Pr
Nd
Pm
Sm
Eu
Gd
Tb
Dy
Ho
Er
Tm
Yb
Lu
Hf
Ta
W
Re
Os
Ir
Pt
Au
Hg
Tl
Pb
Bi
Po
At
Rn
Fr
Ra
Ac
Th
Pa
U
Np
Pu
Am
Cm
Bk
Cf
Es
Fm
Md
No
Lr
Rf
Ha
Sg
Bh
Hs
Mt
Ds
Rg
Uub
Uut
Uuq
Uup
Uuh
Uus
Uuo
Si
K
Ti
Ba
Ti
Ba
R.T.R.X.
R.T.R.X.
Mn
Co
Fe
Fe
Ni
Cu
Zn
Ga
Ge
As
Se
Br
Kr
Rb
Sr
Y
Zr
Nb
Mo
Tc
Ru
Rh
Pd
Ag
Cd
In
Sn
Sb
Te
I
Xe
Cs
Ba
La
Ce
Pr
Nd
Pm
Sm
Eu
Gd
Tb
Dy
Ho
Er
Tm
Yb
Lu
Hf
Ta
W
Re
Os
Ir
Pt
Au
Hg
Tl
Pb
Bi
Po
At
Rn
Fr
Ra
Ac
Th
Pa
U
Np
Pu
Am
Cm
Bk
Cf
Es
Fm
Md
No
Lr
Rf
Ha
Sg
Bh
Hs
Mt
Ds
Rg
Uub
Uut
Uuq
Uup
Uuh
Uus
Uuo


Ba
Ti
Ba
Ba
Fe
Ba
Ni
Ba
Zn
Ba
Pb
Rb
Sr
Rb
Zr+Sr
Rb
Zr
Rb
S-AC-255
Elementos Detectados
Ba, Rb, Nb, Zr, Sr, Pb, Zn, Cu, Co, Ba, Ni, Fe
Mn, Ti, K, Ca, Si, Al, Mg



Al
Si
K
Ba
Ti
Fe
Ni
Zn
Rb
Sr
10
20
30
40
50
60
70
80
90
100

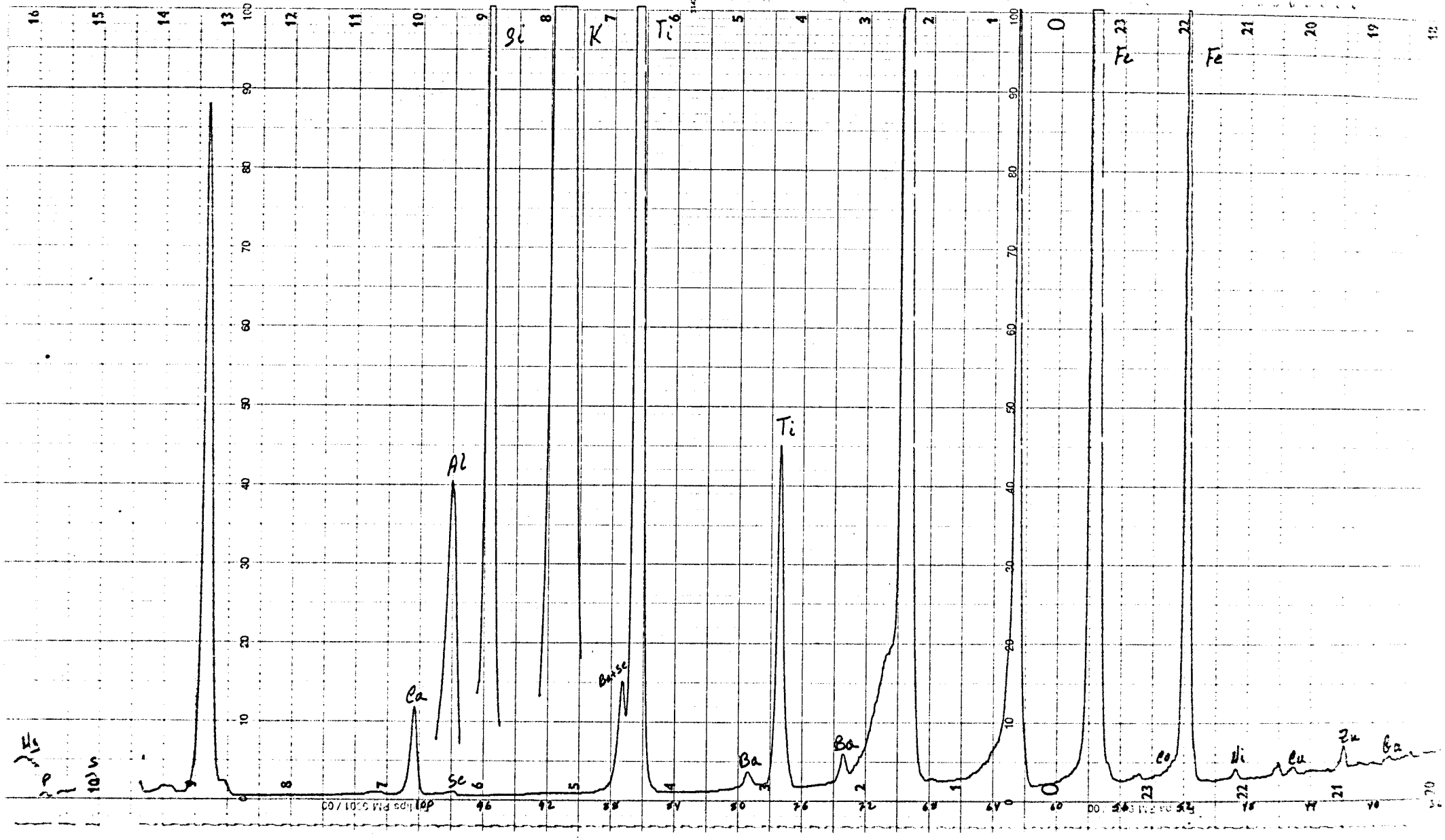


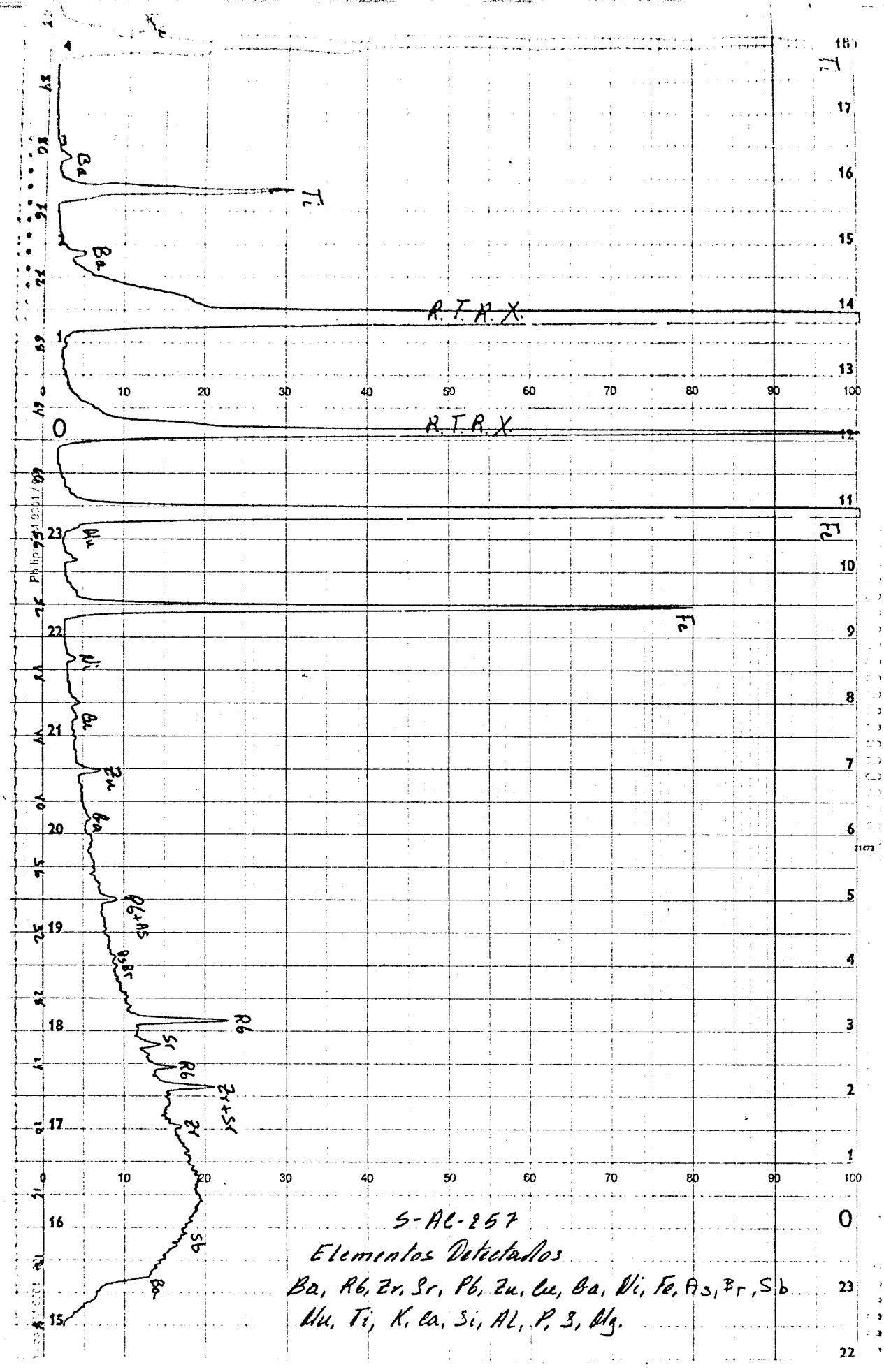
S-AC-256

Elementos Detectados

Ba, Sb, Rb, Sr, Nb, Zr, Pb, Zn, Cu, Co, Ni, Fe, Co, Bi

Ti, K, Si, Al, Se, Ca, S, P, Mg


Si
K
Ti
O
Fe
Fe
Al
Ca
Sc
Ba
Ti
Ba
Co
Ni
Cu
Zn
Ga

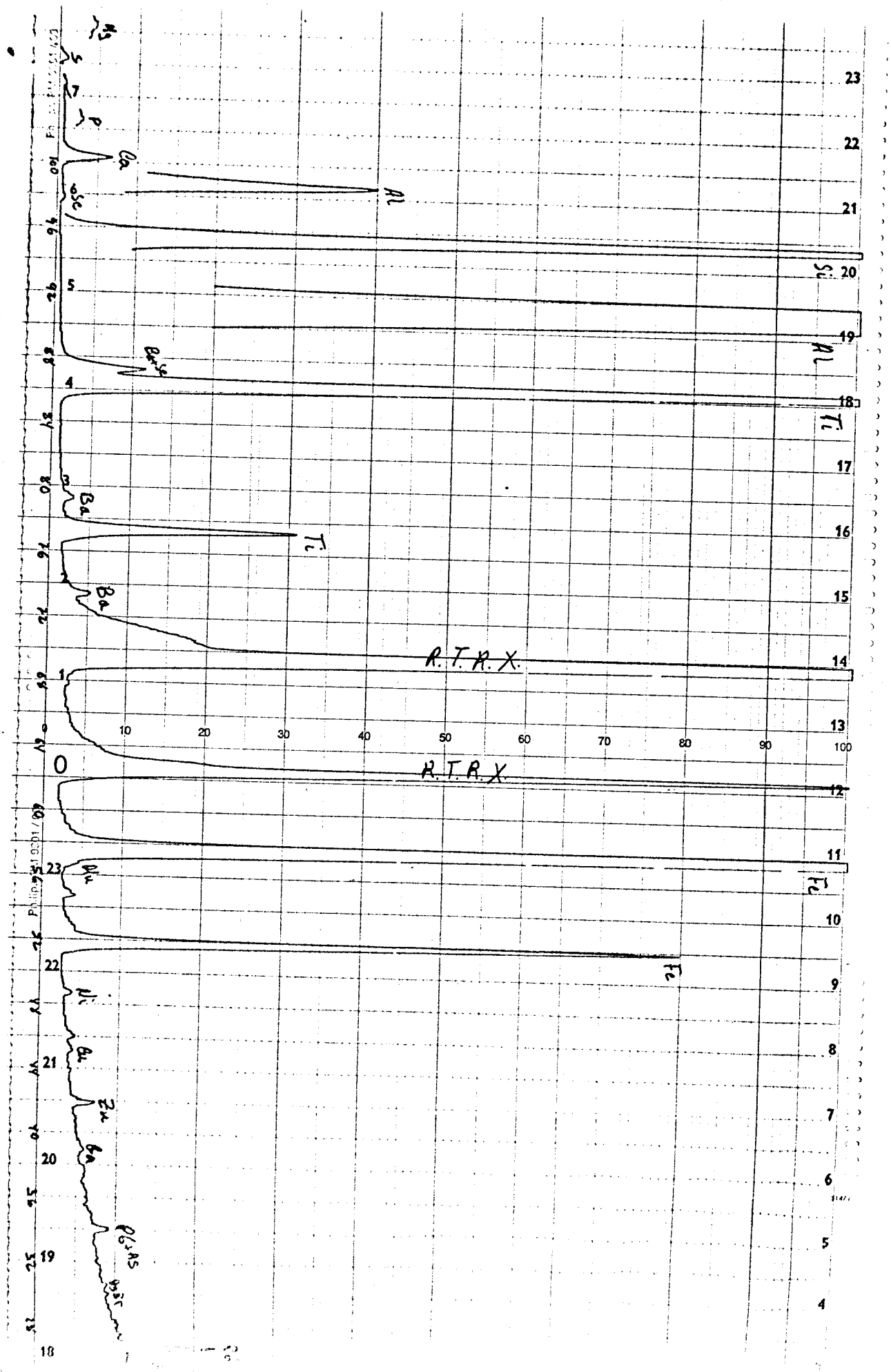


S-AC-257

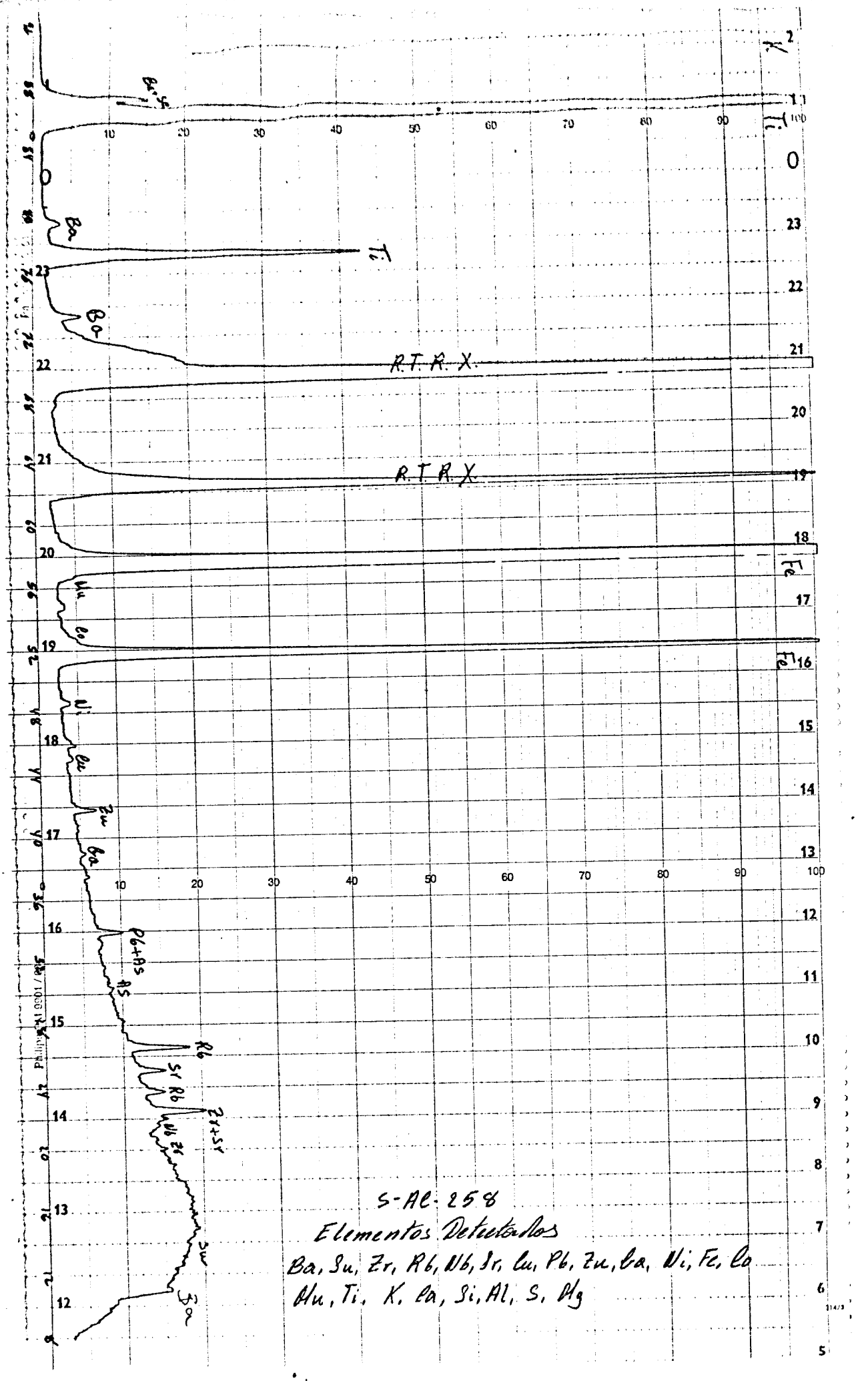
Elementos Detectados

Ba, Rb, Zr, Sr, Pb, Zn, Cu, Ba, Ni, Fe, As, Br, Sb

Mu, Ti, K, Ca, Si, Al, P, S, Mg.



Ca
Al
Si
Al
Ti
Ba
Ti
Ba
R.T.R.X.
R.T.R.X.
Fe
Fe
Ni
Cu
Zn
Ba
Pb+As
0
10
20
30
40
50
60
70
80
90
100

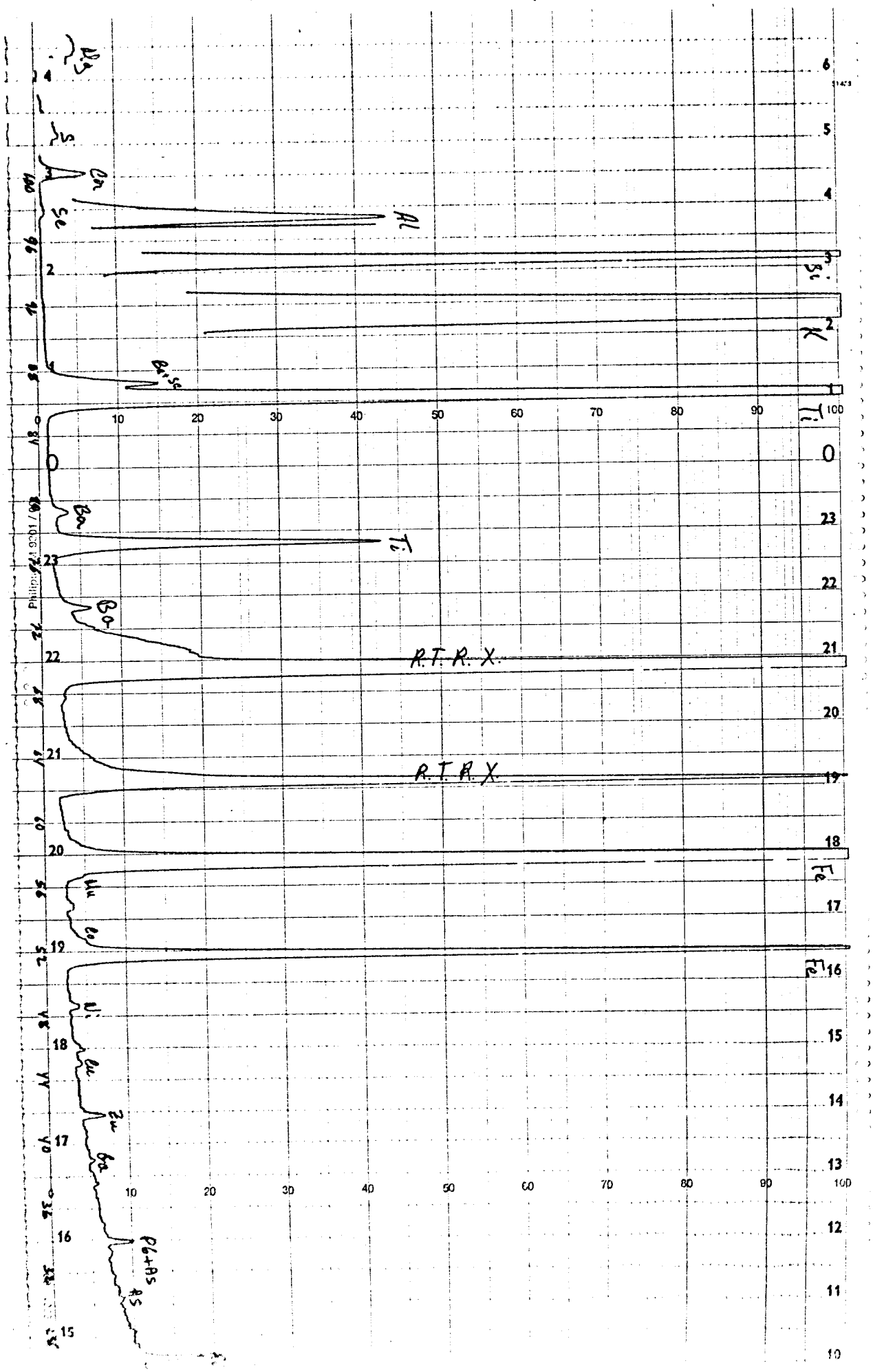


S-AC-258

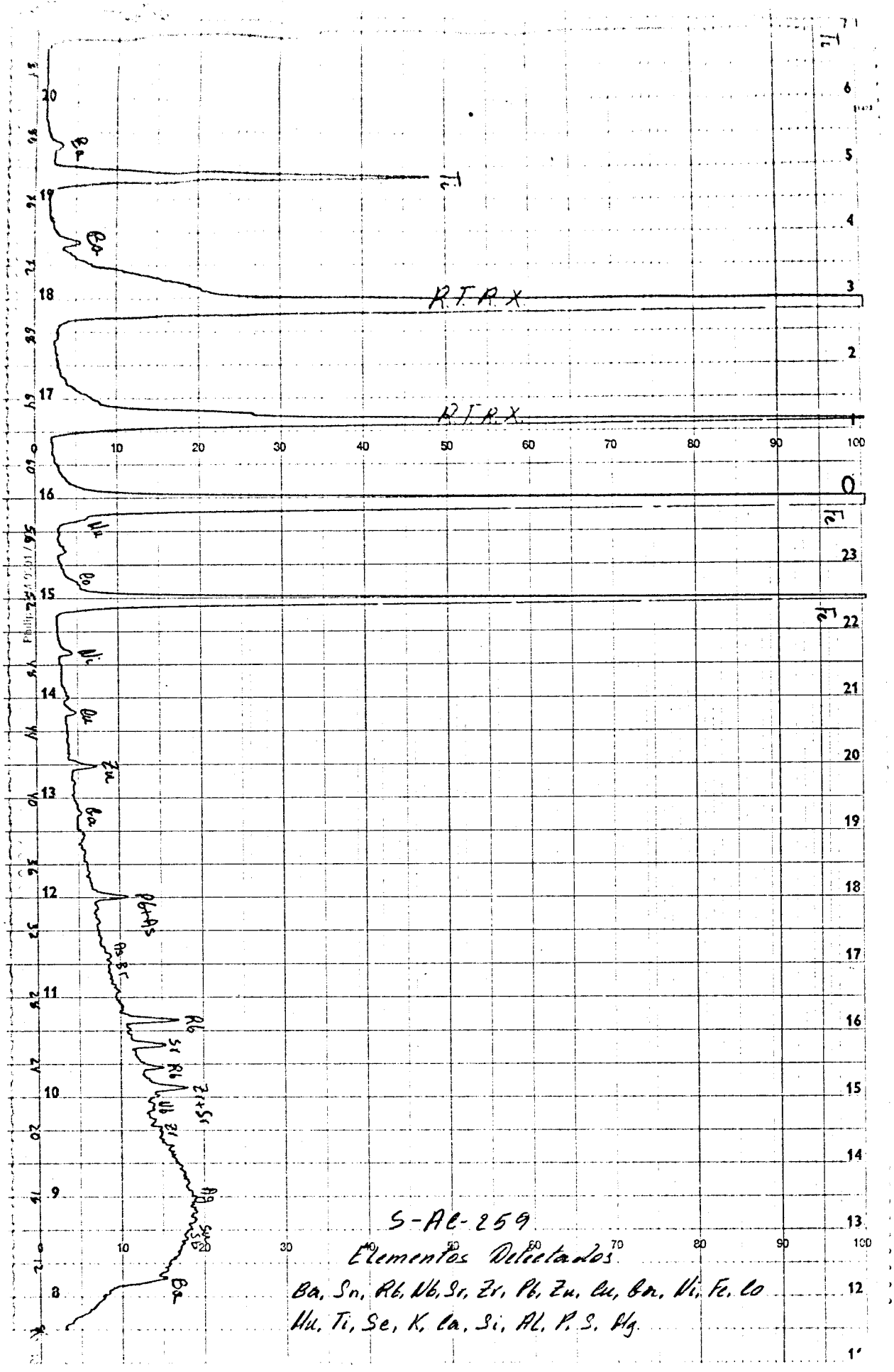
Elementos Detectados

Ba, Sn, Zr, Rb, Nb, Sr, Cu, Pb, Zn, Ga, Ni, Fe, Co

Mn, Ti, K, Ca, Si, Al, S, Mg



Al
Si
K
Ti
Ba
R.T.R.X.
R.T.R.X.
Fe
Fe
Ni
Cu
Zn
Ba
Pb+As
As

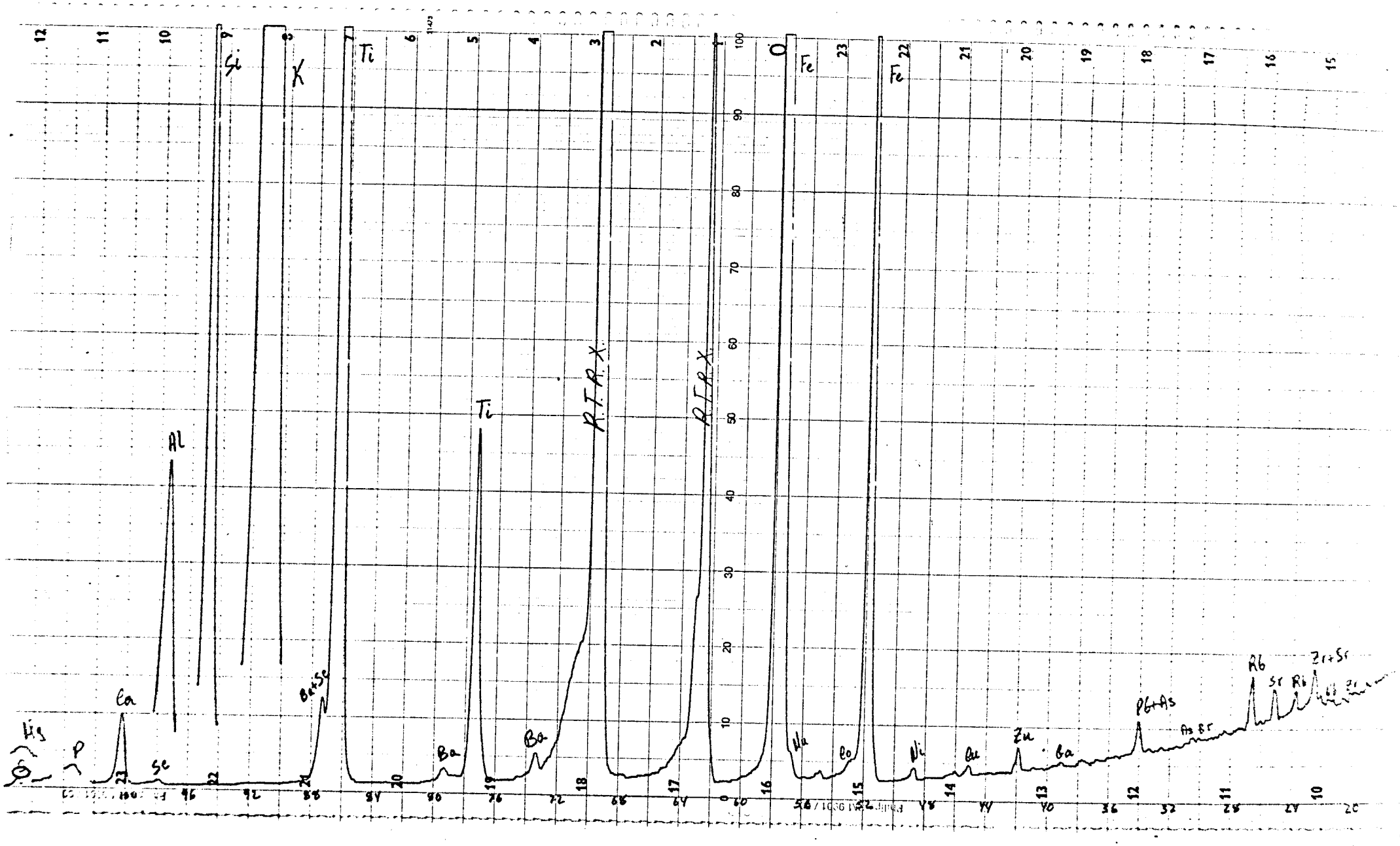


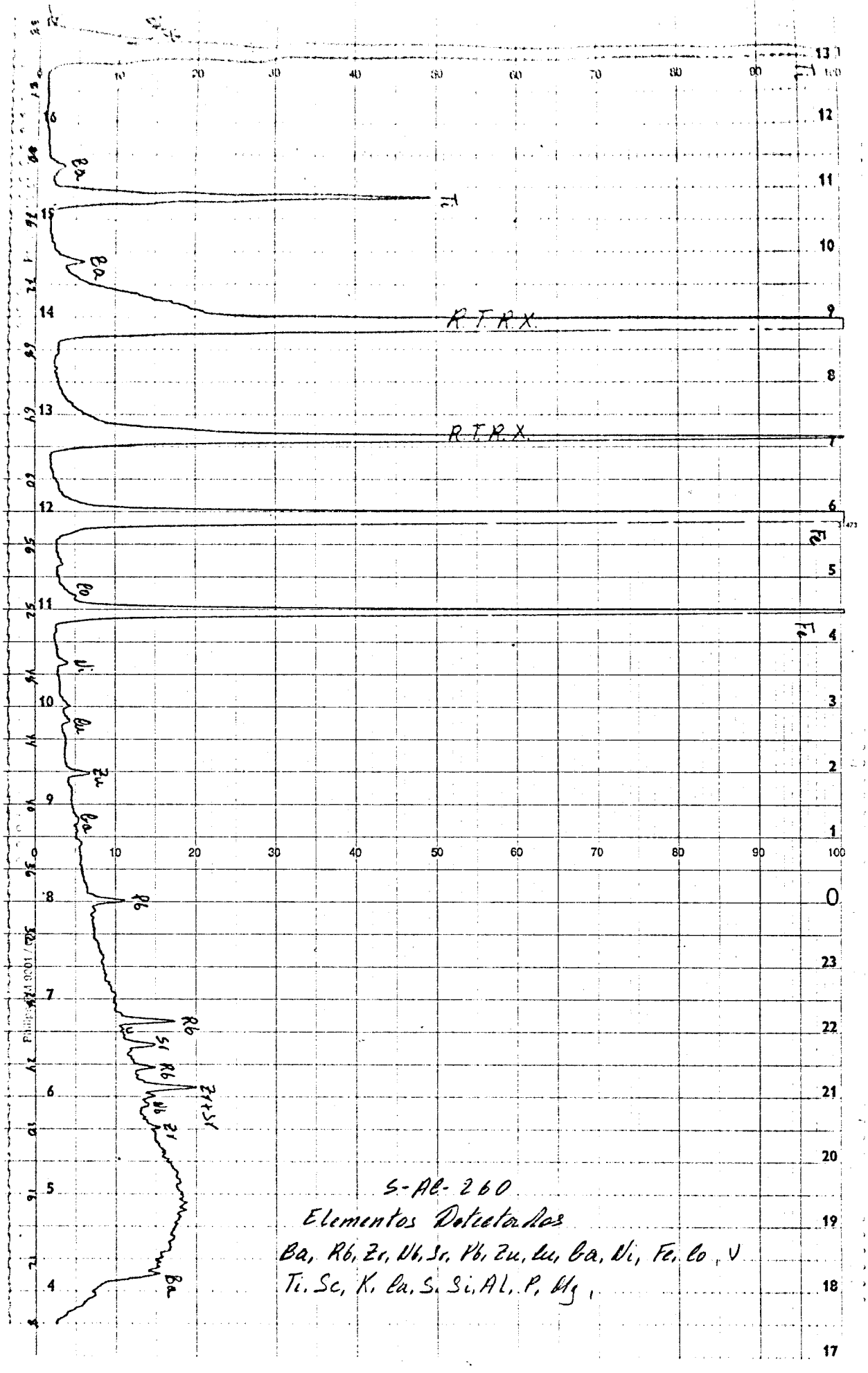
S-AC-259

Elementos Detectados

Ba, Sn, Rb, Nb, Sr, Zr, Pb, Zn, Cu, Co, Ni, Fe, Co

Mn, Ti, Se, K, Ca, Si, Al, P, S, Ag


Si
K
Ti
Fe
Fe
O
Ti
R.T.R.X.
R.T.R.X.
Al
Ca
Ba
Ba
Ba

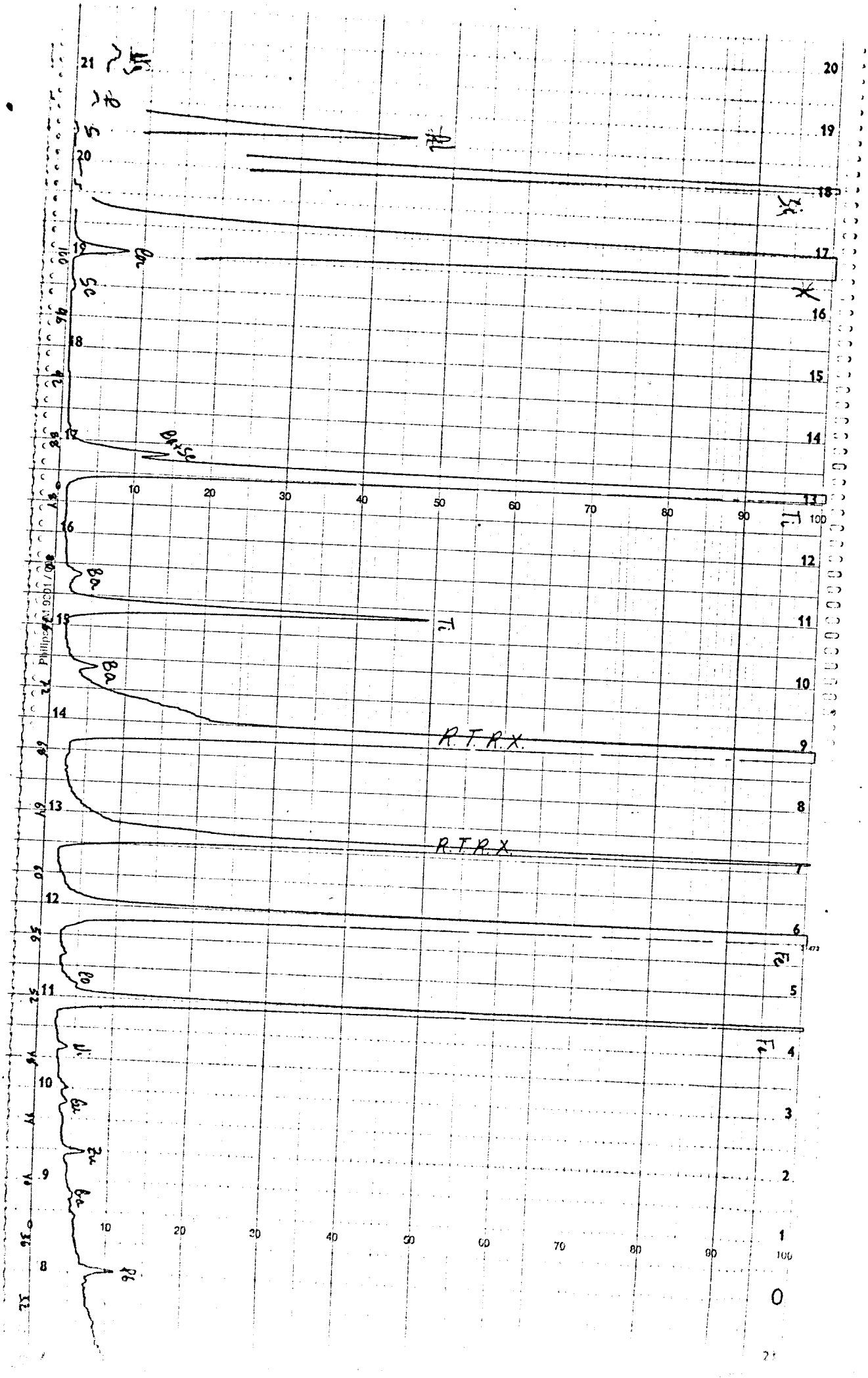


S-AE-260

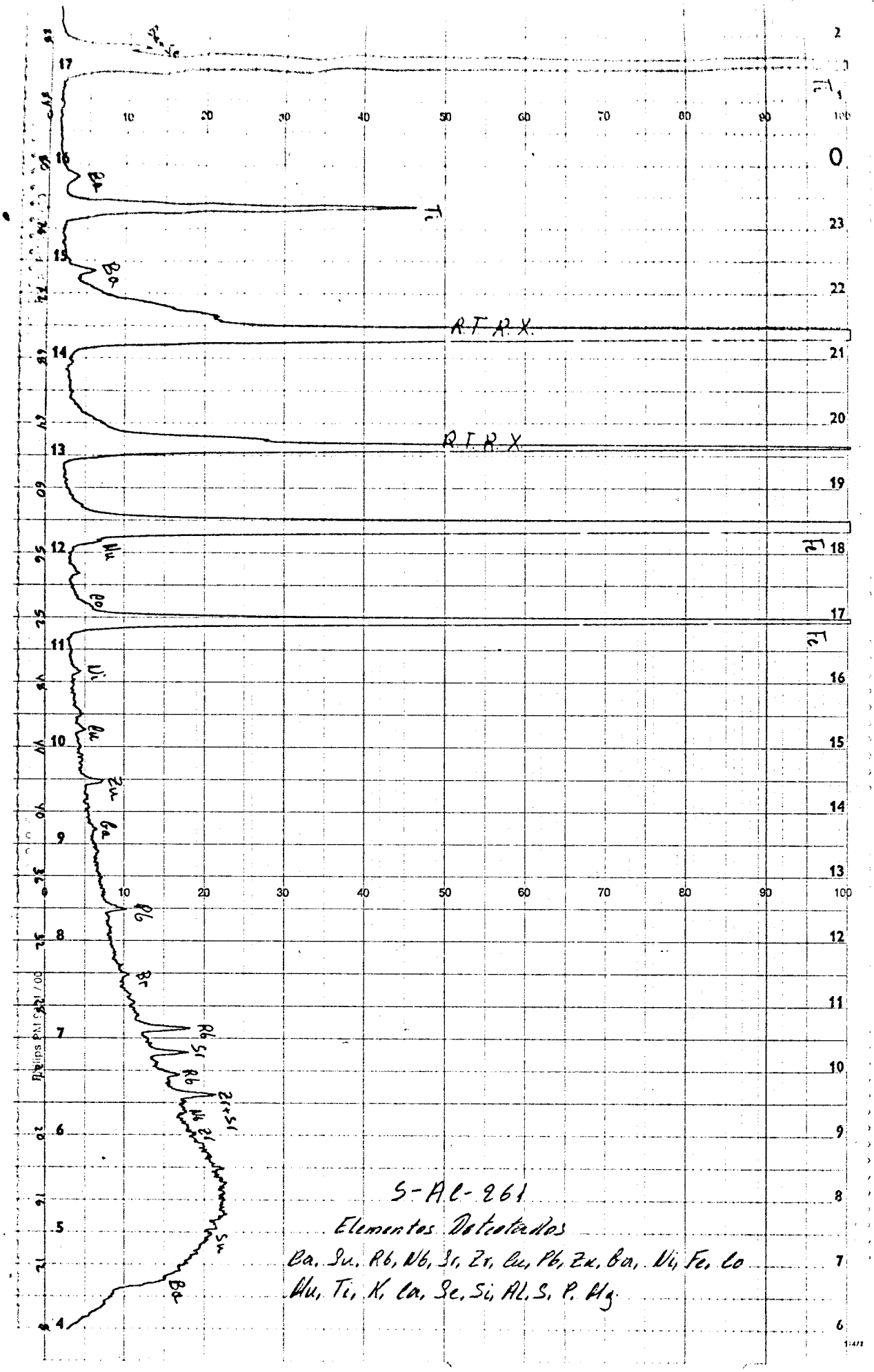
Elementos Detectados

Ba, Rb, Zr, Nb, Sr, Pb, Zn, Cu, Ga, Ni, Fe, Co, V

Ti, Sc, K, Ca, S, Si, Al, P, Mg,



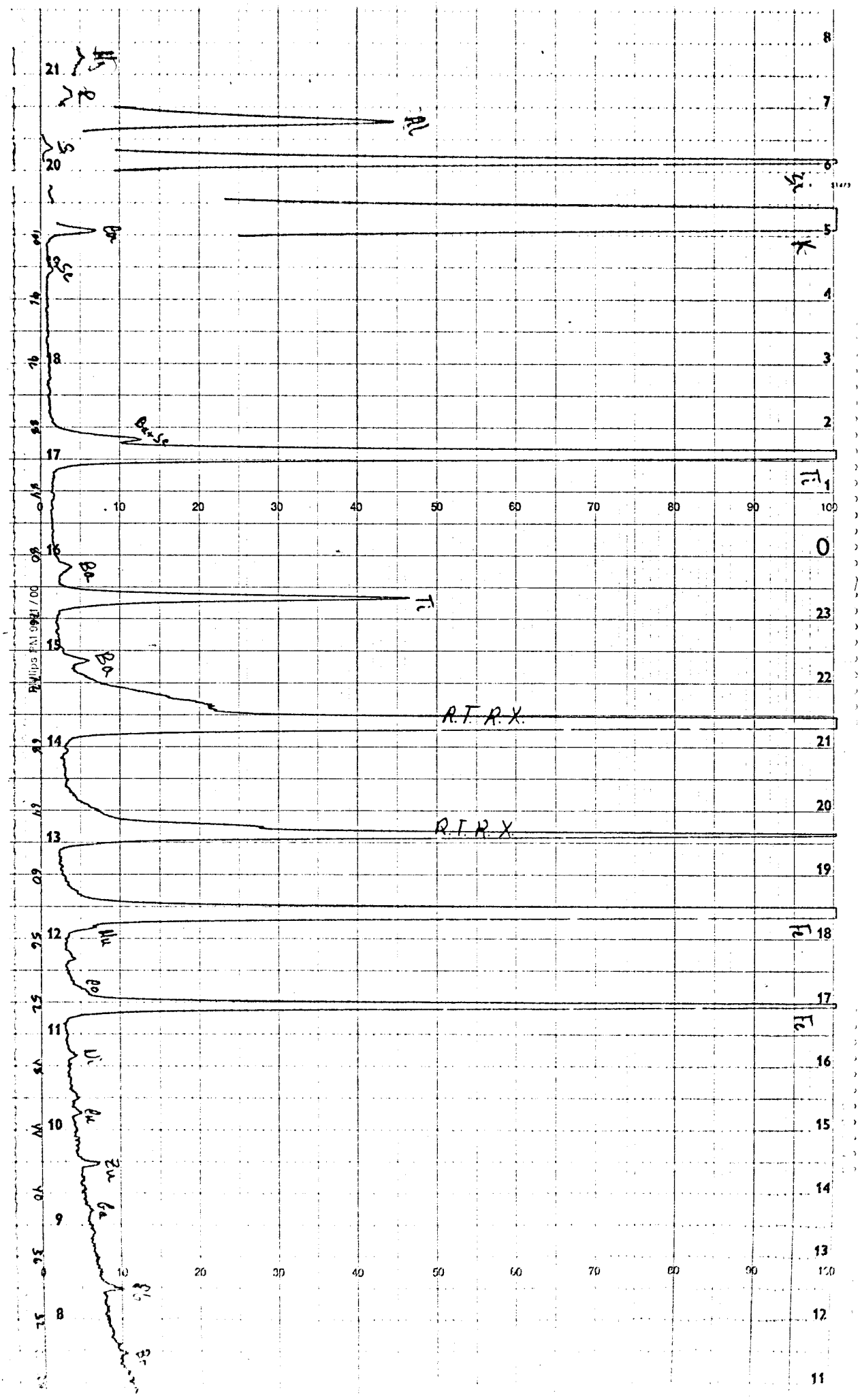
Ba
Ba+Sc
Ti
R.T.R.X.
R.T.R.X.
Fe
Pb

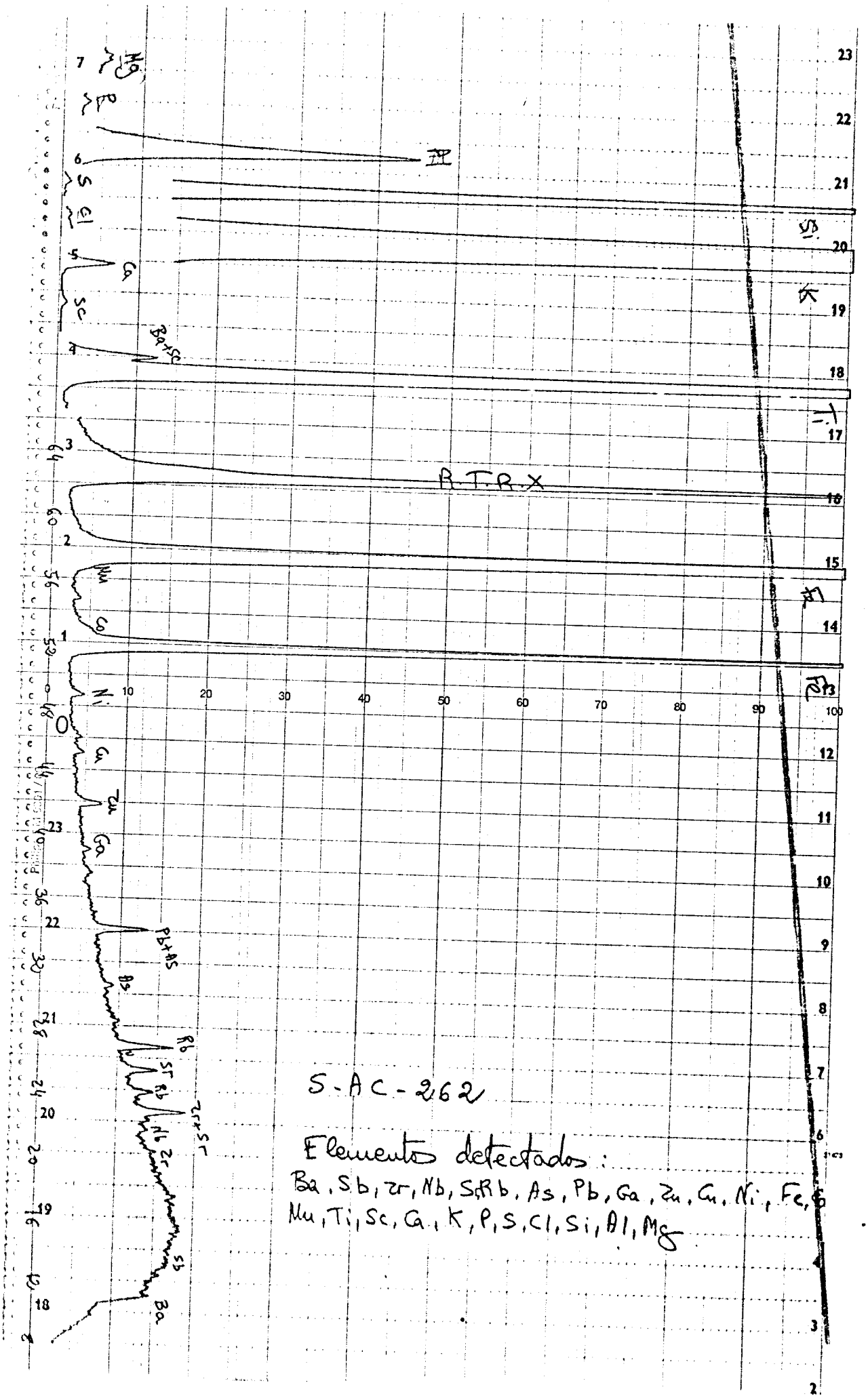


S-AC-261

Elementos Detectados

Ba, Sn, Rb, Nb, Sr, Zr, Cu, Pb, Zn, Ba, Mn, Fe, Co
Mn, Ti, K, Ca, Se, Si, AL, S, P, Mg

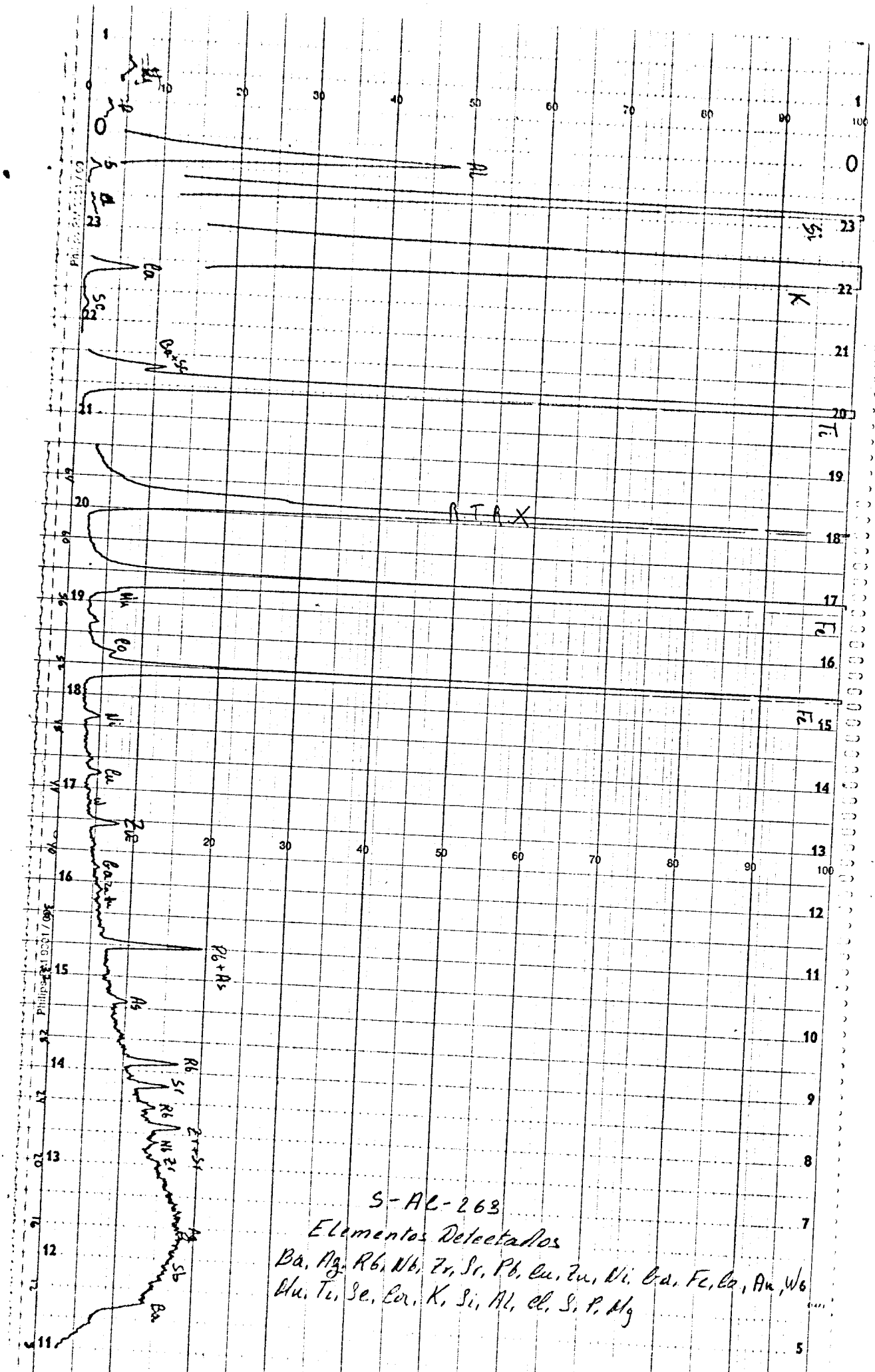

Al
Ba
Ti
Ba
Ti
Ba
R.T.R.X.
R.T.R.X.
Ba
Ba
Ba



S-AC-262

Elementos detectados:

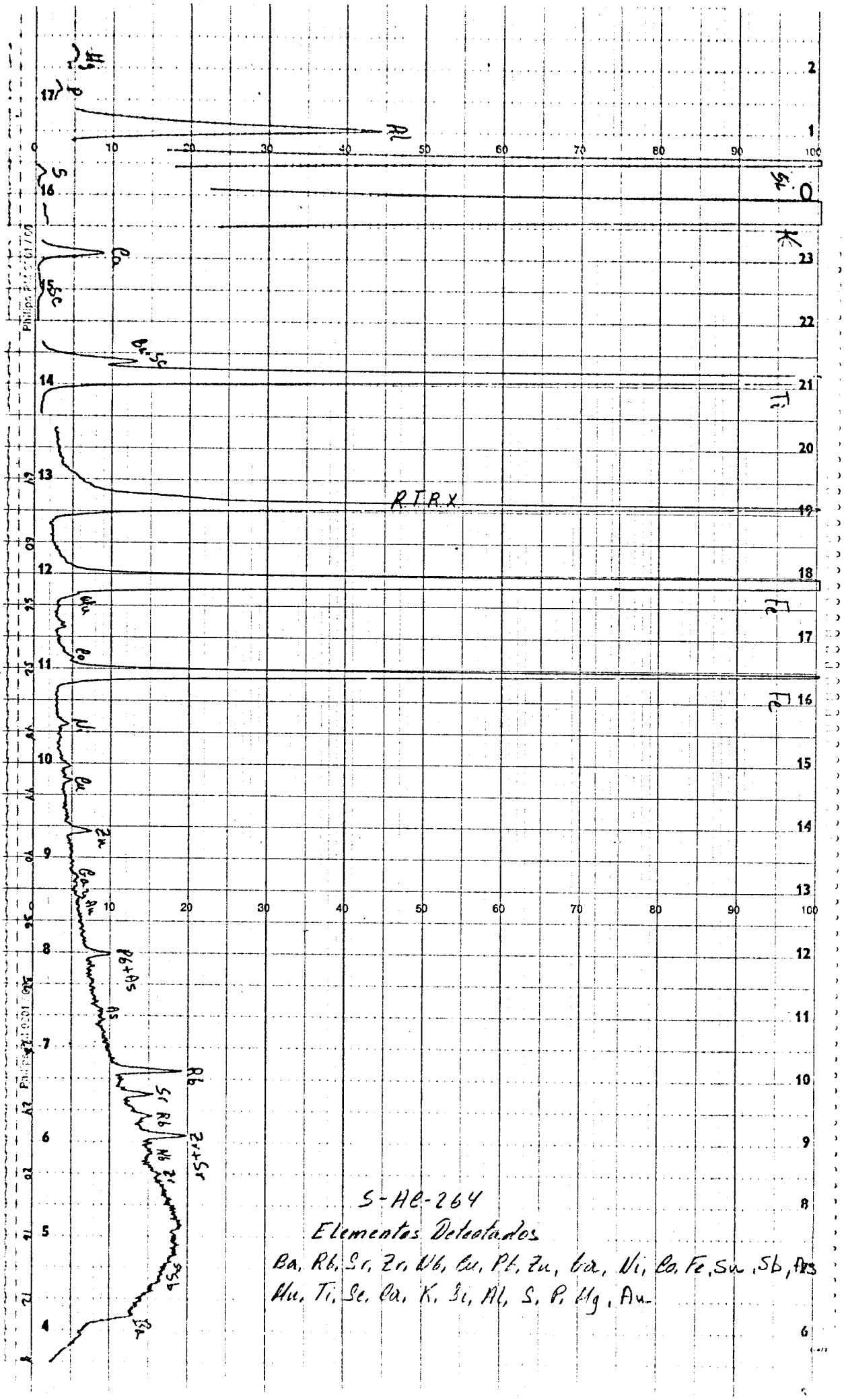
Ba, Sb, Zr, Nb, Sr, Rb, As, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Cl, Si, Al, Mg



S-AL-263

Elementos Detectados

Ba, Ag, Rb, Nb, Zr, Sr, Pb, Cu, Zn, Ni, Co, Fe, Ca, Ar, W6
Mn, Ti, Se, Cr, K, Si, Al, Cl, S, P, Mg

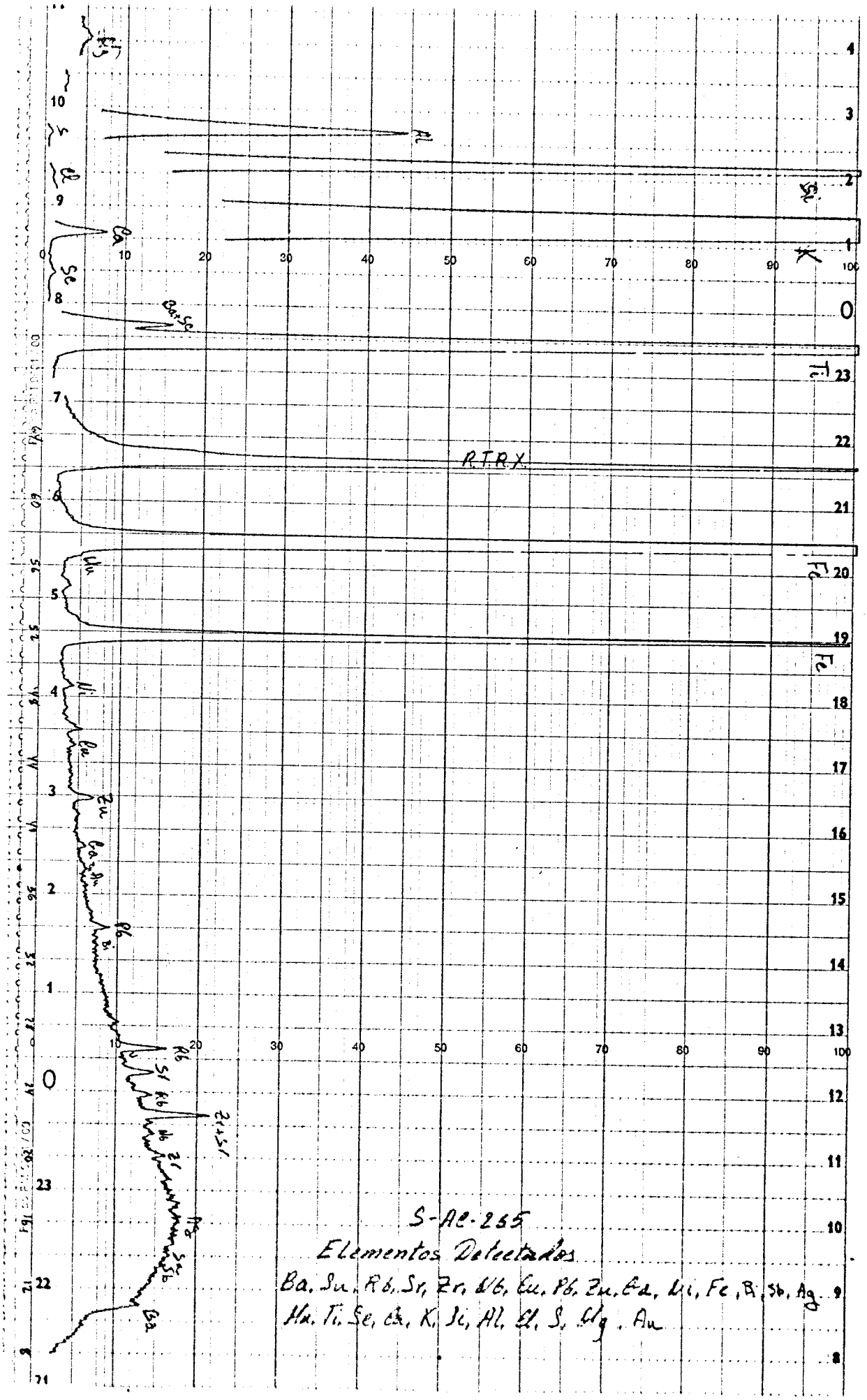


S-HC-264

Elementos Detectados

Ba, Rb, Sr, Zr, Nb, Cu, Pb, Zn, Ba, Ni, Co, Fe, Sn, Sb, As

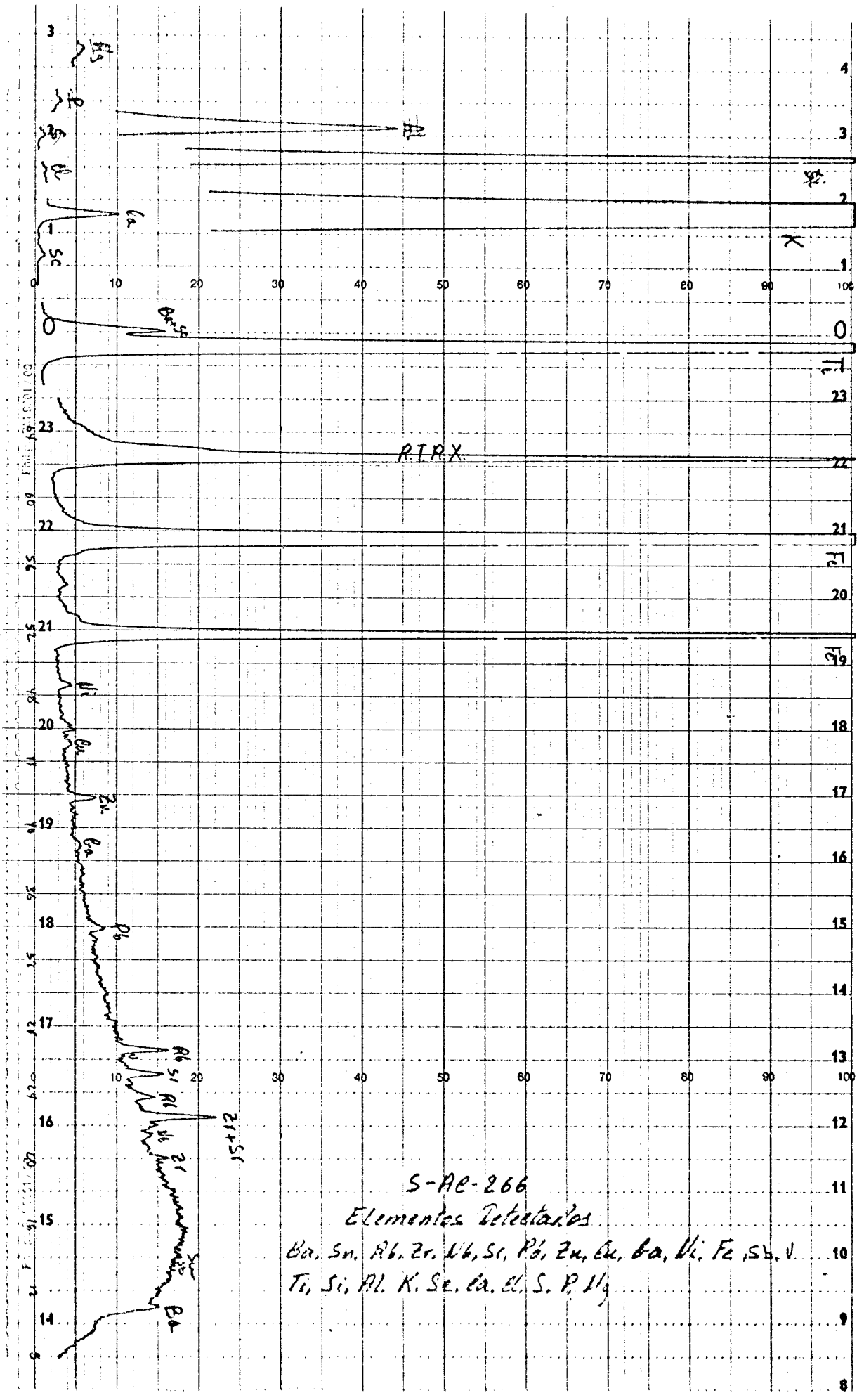
Mn, Ti, Sc, Ca, K, Si, Al, S, P, Mg, Au



S-AC-255

Elementos Detectados

Ba. Sn. Rb. Sr, Zr. Nb. Cu. Pb. Zn. Ga, Ni, Fe, B, Sb, Ag. Mn. Ti. Se, Cr, K. Si, Al. Cl. S. Mg. Au

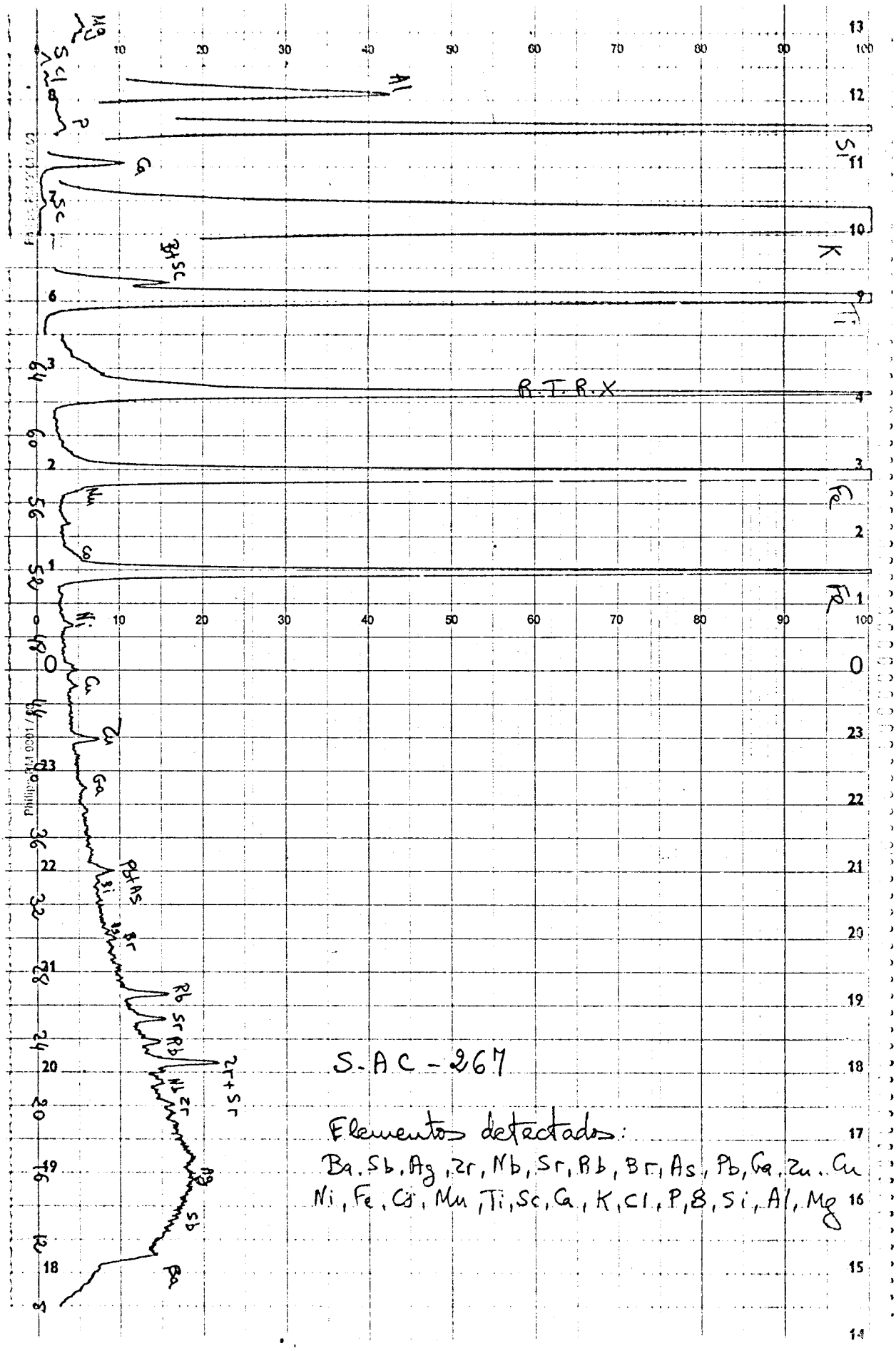


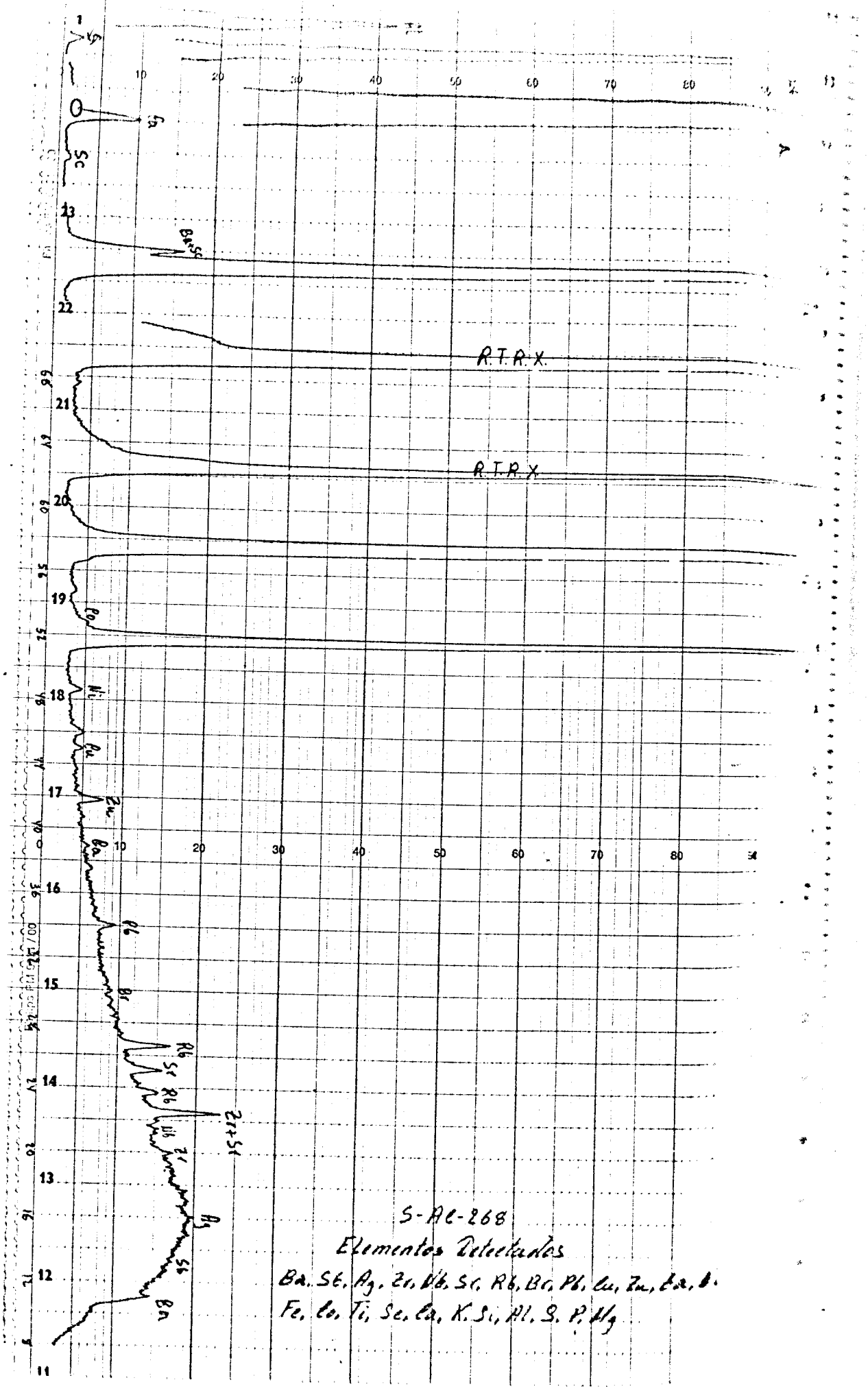
S-AE-266

Elementos Detectados

Ba, Sn, Rb, Zr, Nb, Si, Pb, Zn, Cu, Ga, Ni, Fe, Sb, V

Ti, Si, Al, K, Se, Ca, Cl, S, P, Mg


Mg
Al
Si
P
S
Cl
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Br
Rb
Sr
Zr
Nb
Ag
Sb
Ba
R.T.R.X
S.AC-267
Elementos detectados:
Ba, Sb, Ag, Zr, Nb, Sr, Rb, Br, As, Pb, Ga, Zn, Cu
Ni, Fe, Co, Mn, Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg

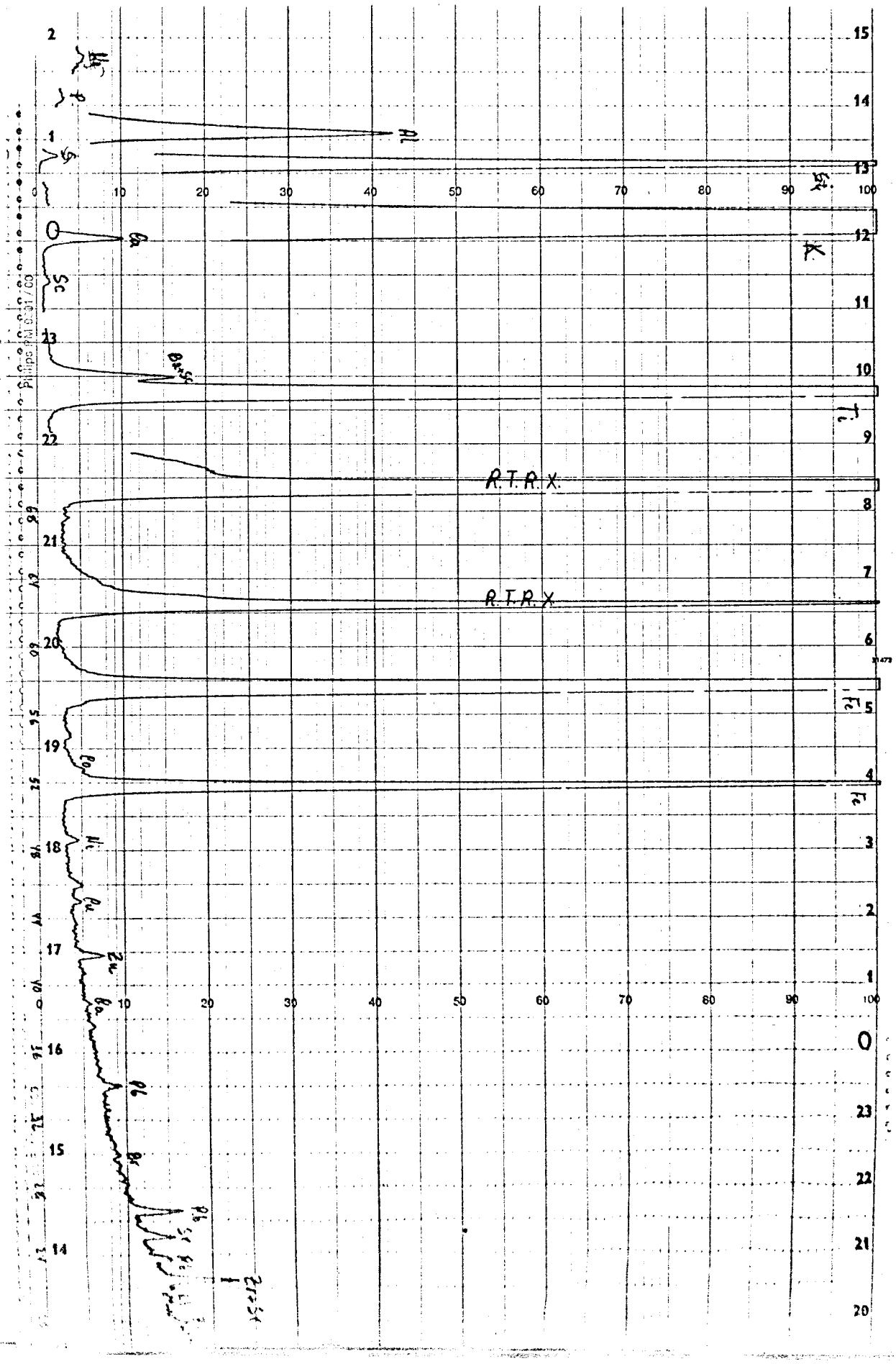


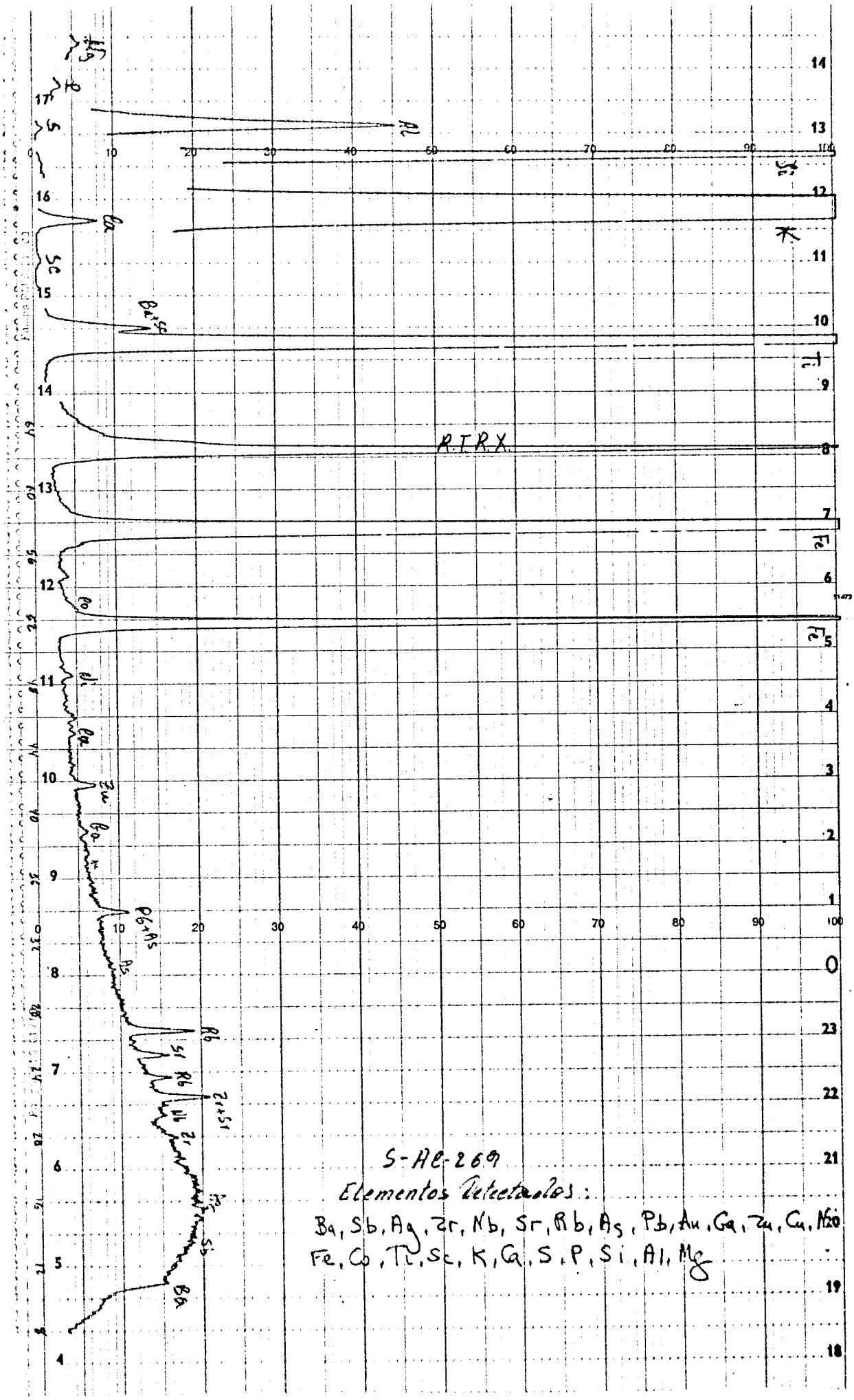
S-AC-268

Elementos Detectados

Ba. Sb. Ag. Zr. Nb. Sr. Rb. Br. Pb. Cu. Zn. La. b.

Fe. Co. Ti. Se. Ca. K. Si. Al. S. P. Mg

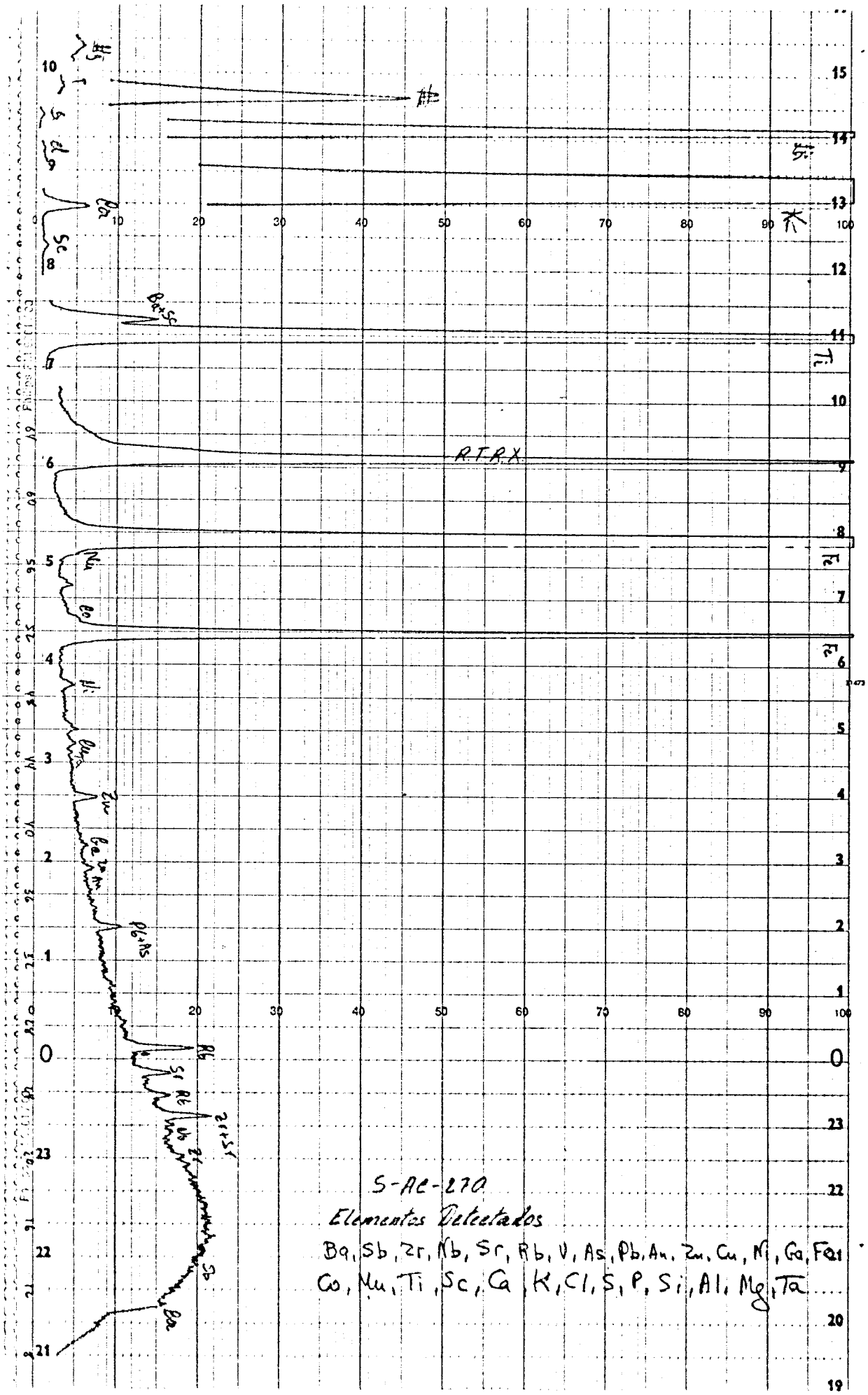

R.T.R.X.
R.T.R.X.



S-AE-269

Elementos detectados:

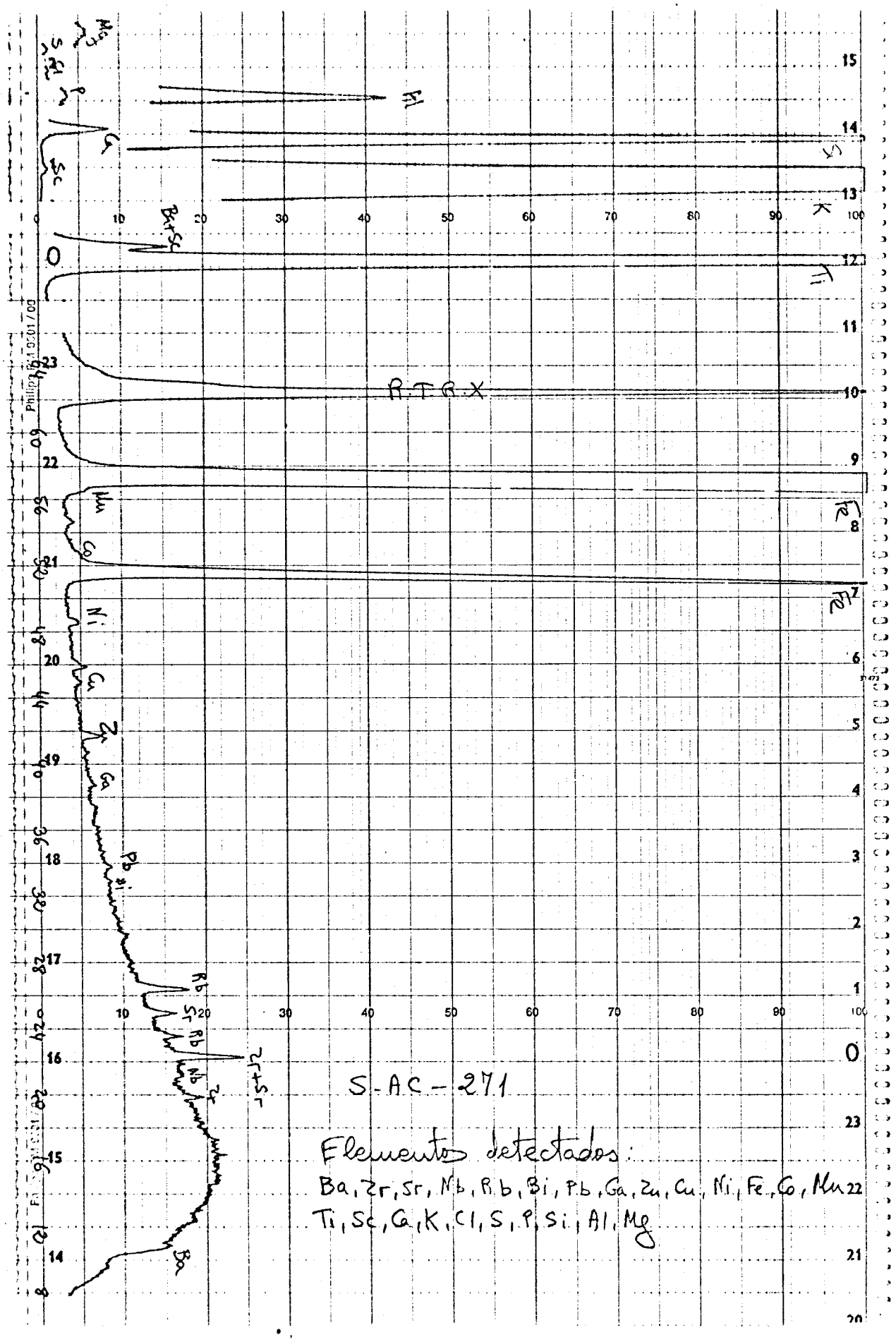
Ba, Sb, Ag, Zr, Nb, Sr, Rb, As, Pb, Au, Ga, Zn, Cu, Ni, Co
Fe, Co, Ti, Sc, K, Ca, S, P, Si, Al, Mg

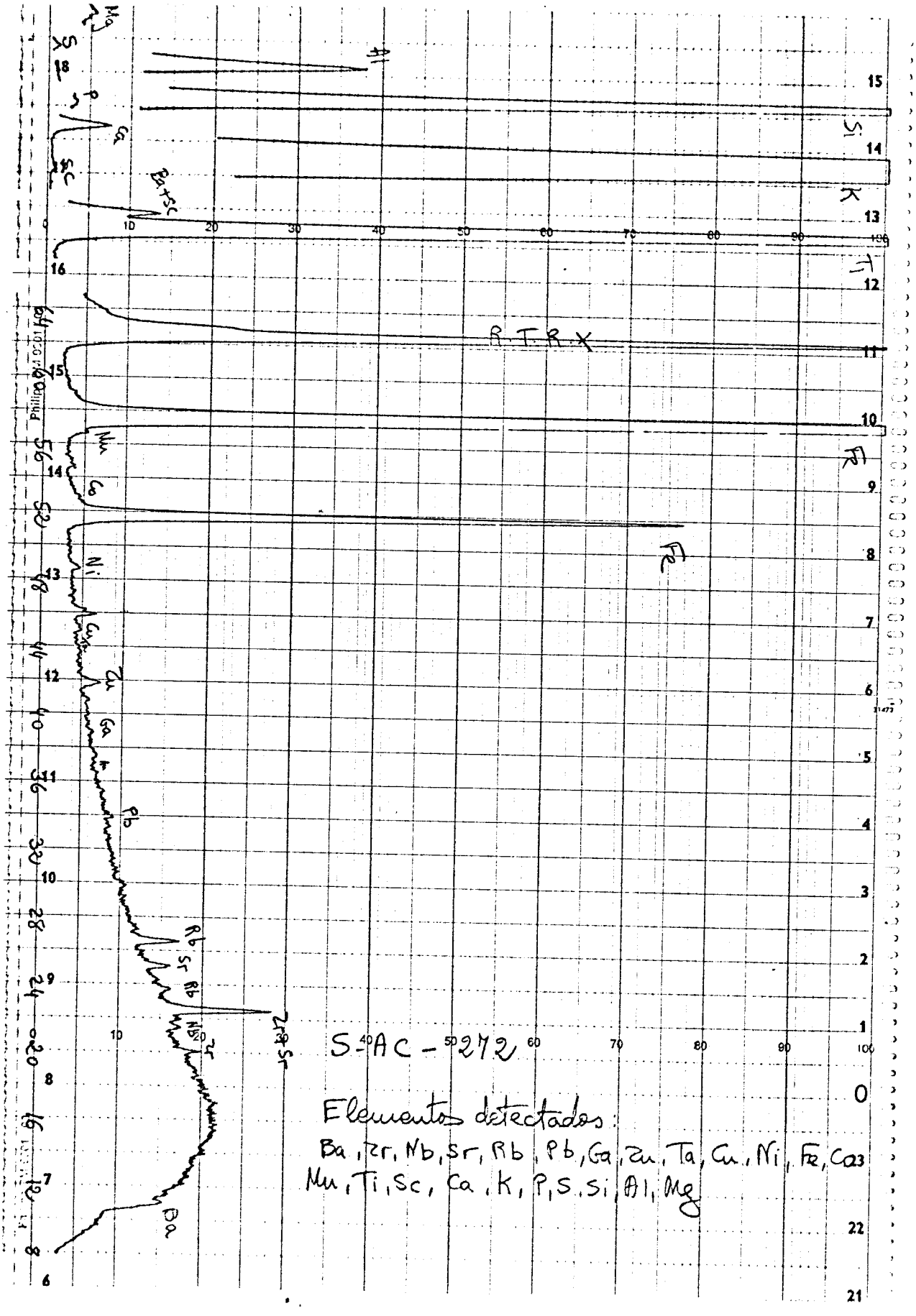


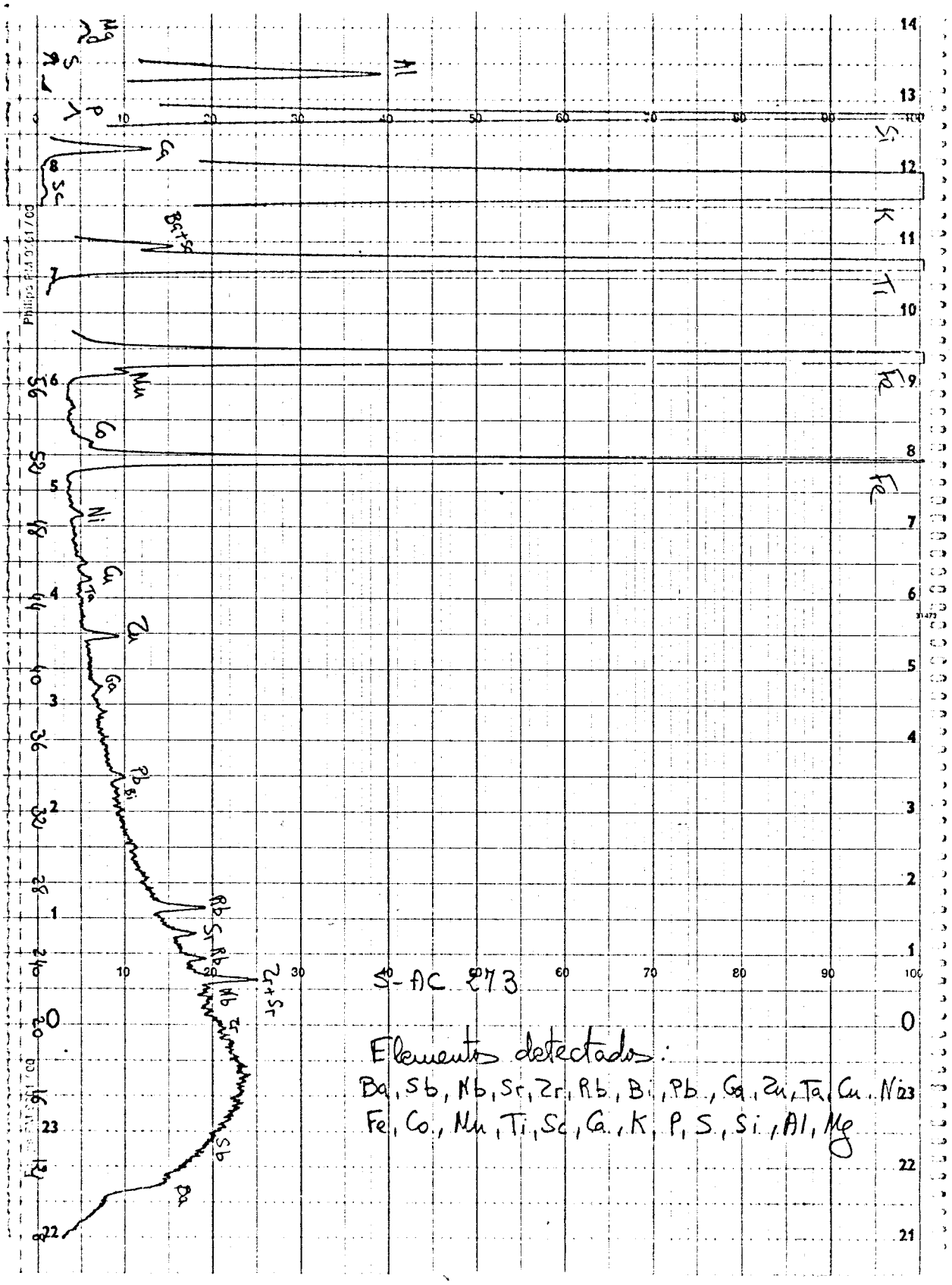
S-AC-270

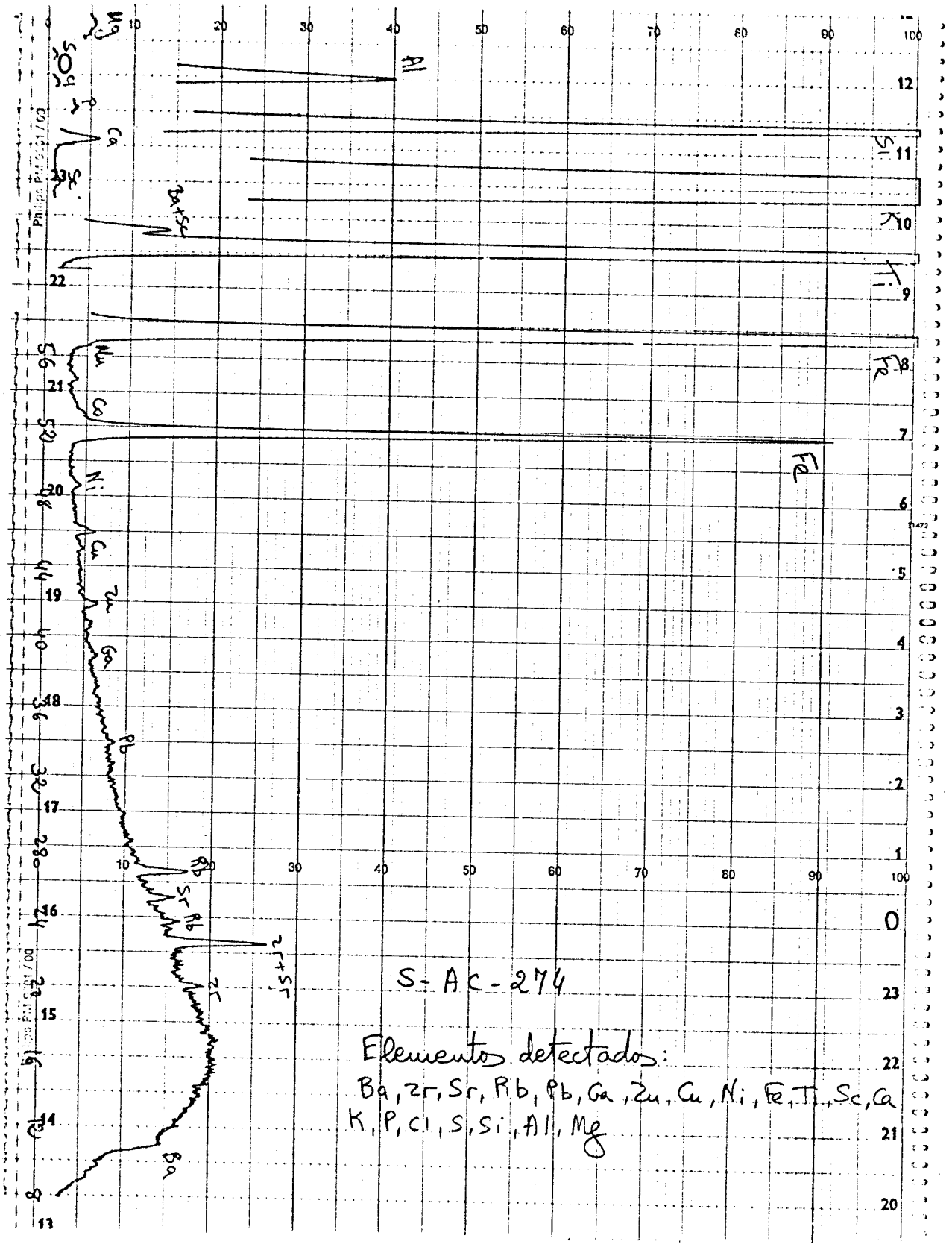
Elementos Detectados

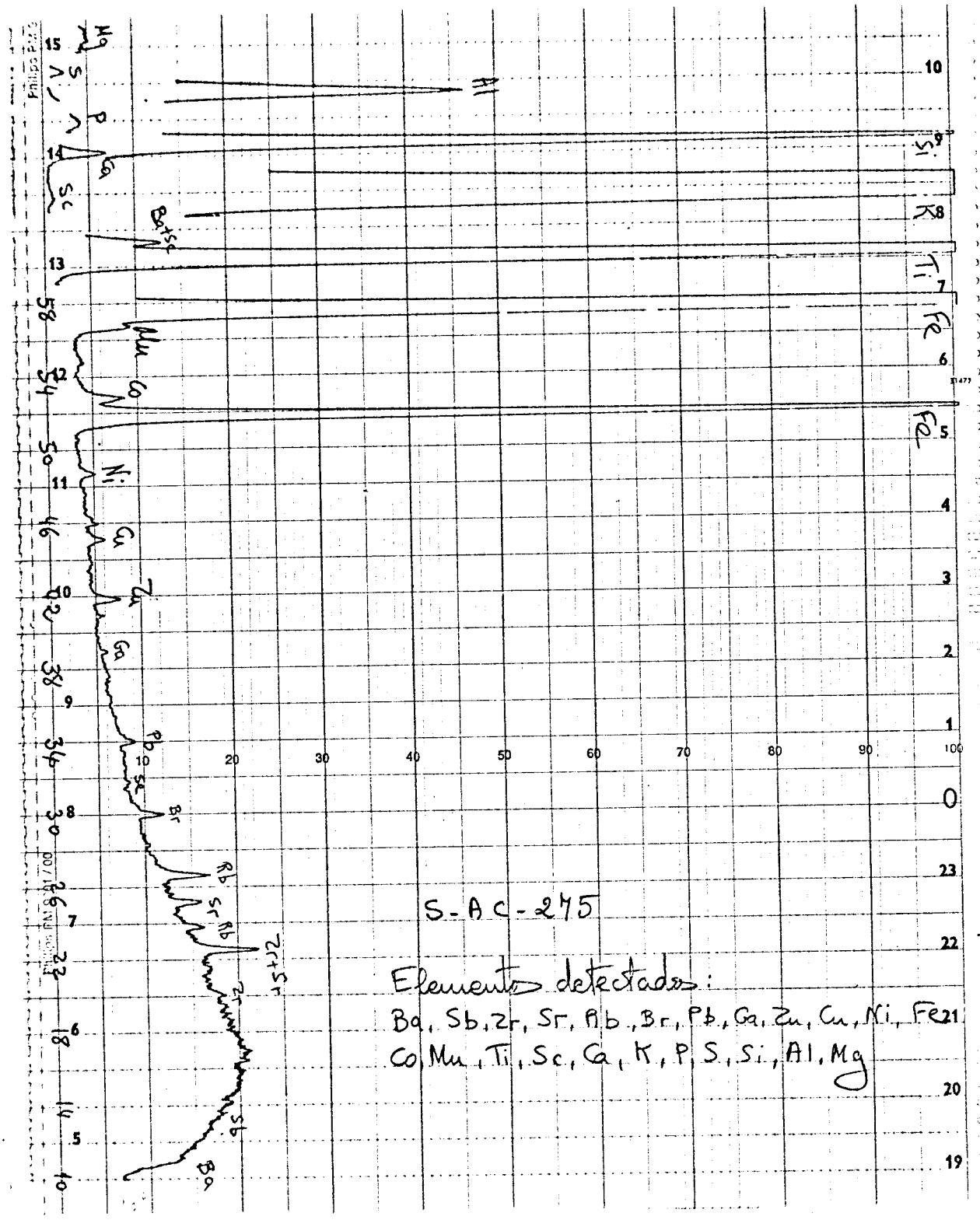
Ba, Sb, Zr, Nb, Sr, Rb, V, As, Pb, Au, Zn, Cu, Ni, Ga, Fe, Co, Mn, Ti, Sc, Ca, K, Cl, S, P, Si, Al, Mg, Ta

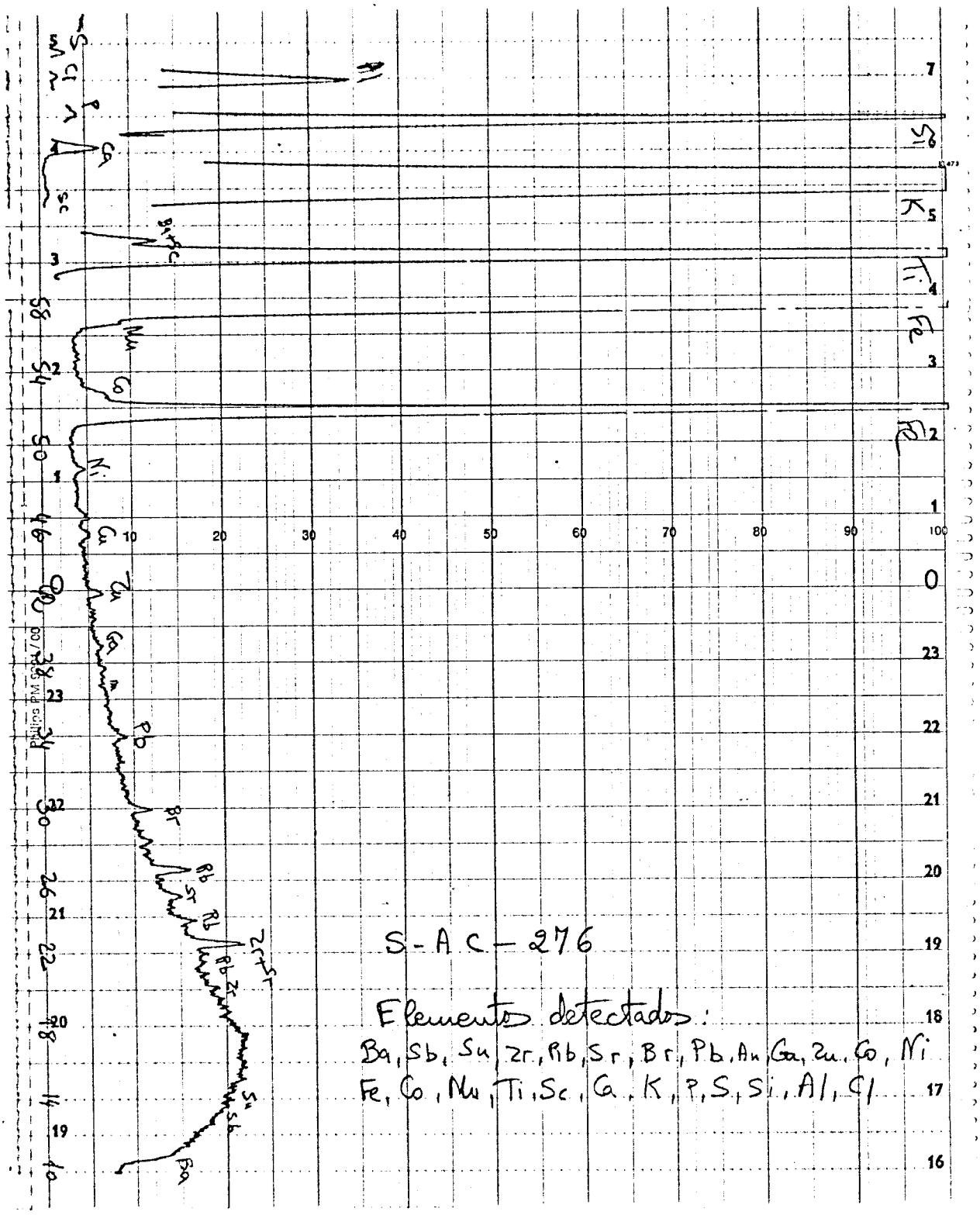

R.T.R.X
S-AC-271
Elementos detectados:
Ba, Zr, Sr, Nb, Rb, Bi, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, Cl, S, P, Si, Al, Mg


Mg
Al
Si
P
Ca
Sc
Ba+Sc
K
Ti
R.T.R.X
Mn
Co
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Nb
Zr
Zr+Sr
Ba
S-AC-272
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Ta, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg


Mg
Al
Si
P
S
Cl
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
Pb
Bi
Rb
Sr
Zr+Sr
Nb
Zr
Sb
Ba
S-AC 273
Elementos detectados:
Ba, Sb, Nb, Sr, Zr, Rb, Bi, Pb, Ga, Zn, Ta, Cu, Ni
Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg


Al
Si
K
Ti
Fe
Fe
Mg
Ca
Sc
Ba+Sc
Mn
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Ba
S-AC-274
Elementos detectados:
Ba, Zr, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Ti, Sc, Ca
K, P, Cl, S, Si, Al, Mg

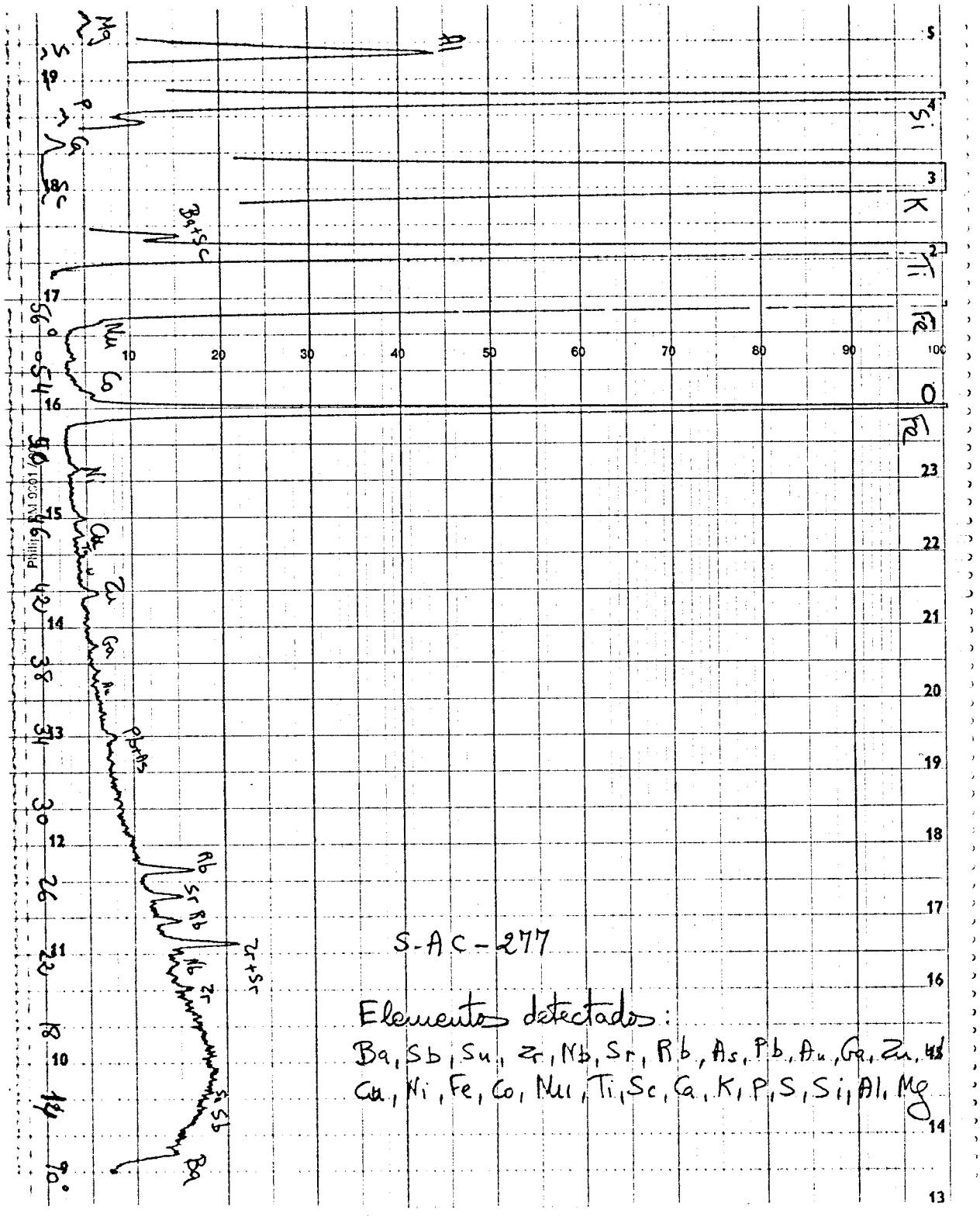

S-AC-275
Elementos detectados:
Ba, Sb, Zr, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg
Al
Si
K
Ti
Fe
Fe
Mg
S
P
Ca
Sc
Ba+Sc
Mn
Co
Ni
Cu
Zn
Ga
Pb
Se
Br
Rb
Sr
Rb
Zr+Sr
Zr
Sb
Ba
10
20
30
40
50
60
70
80
90
100



S-AC-276

Elementos detectados:

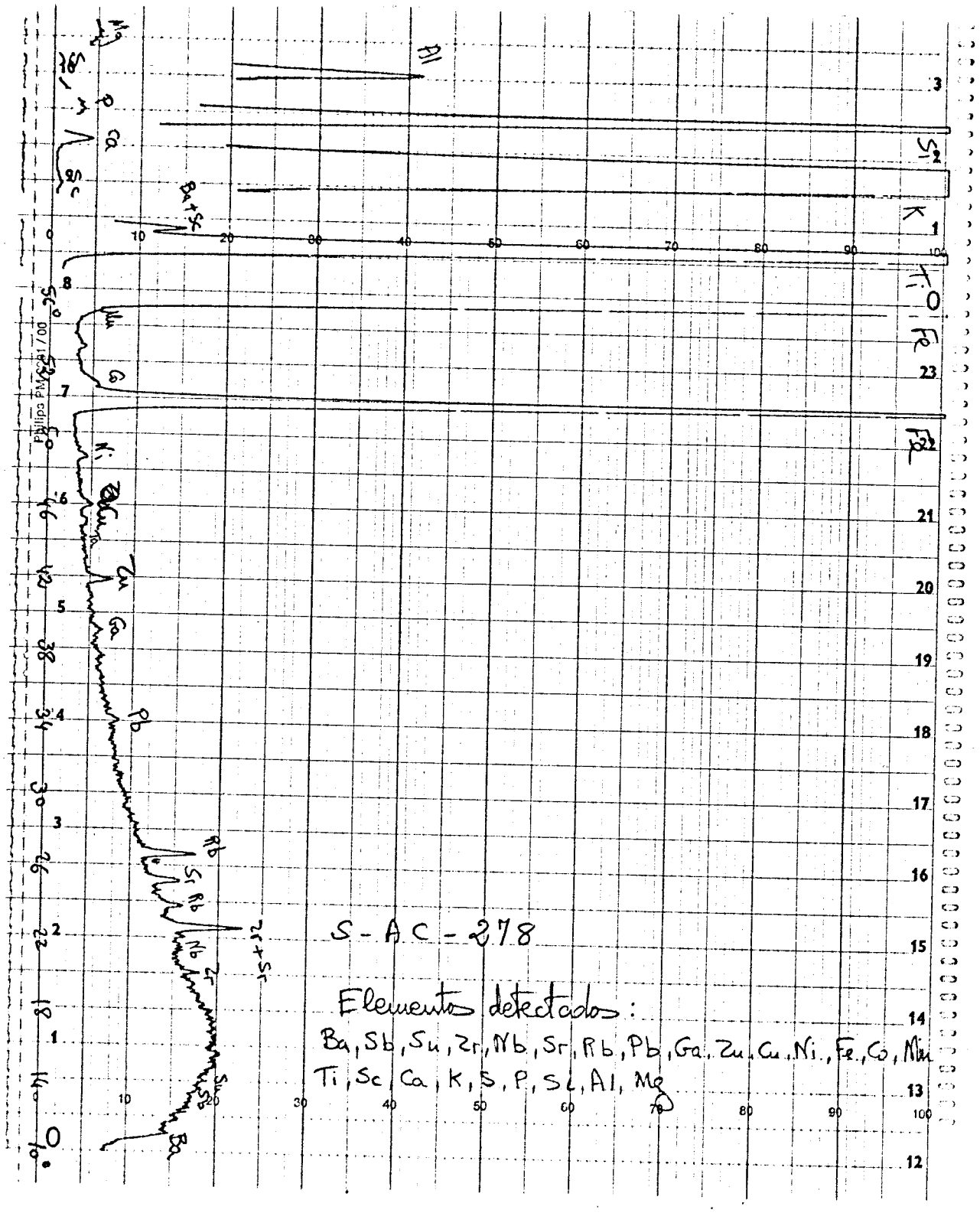
Ba, Sb, Sn, Zr, Rb, Sr, Br, Pb, Au, Ga, Zn, Co, Ni
Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Cl



S-AC-277

Elementos detectados:

Ba, Sb, Su, Zr, Nb, Sr, Rb, As, Pb, Au, Ga, Zn, Cu, Ni, Fe, Co, Nu, Ti, Sc, Ca, K, P, S, Si, Al, Mg

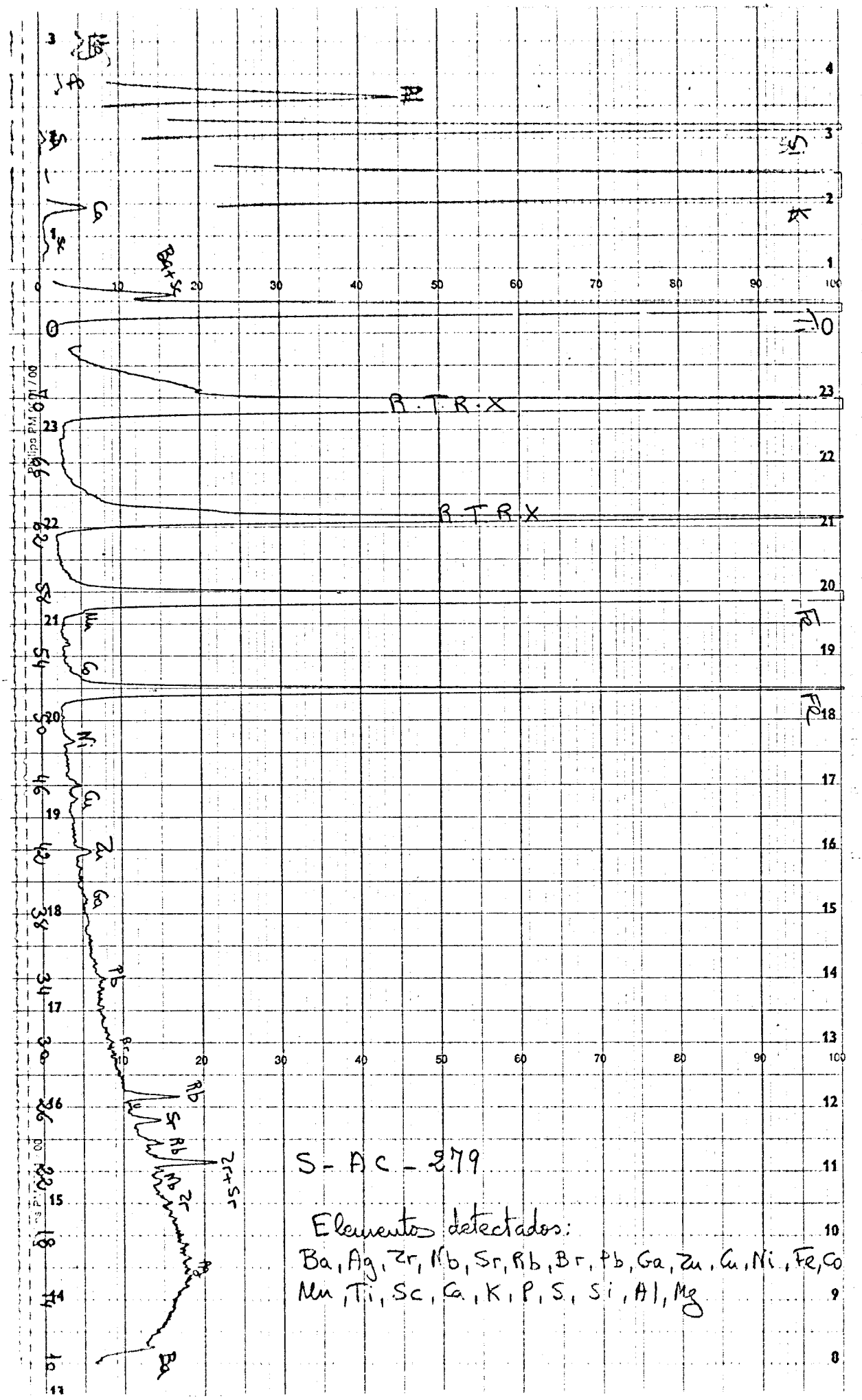


S-AC-278

Elementos detectados:

Ba, Sb, Sn, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn

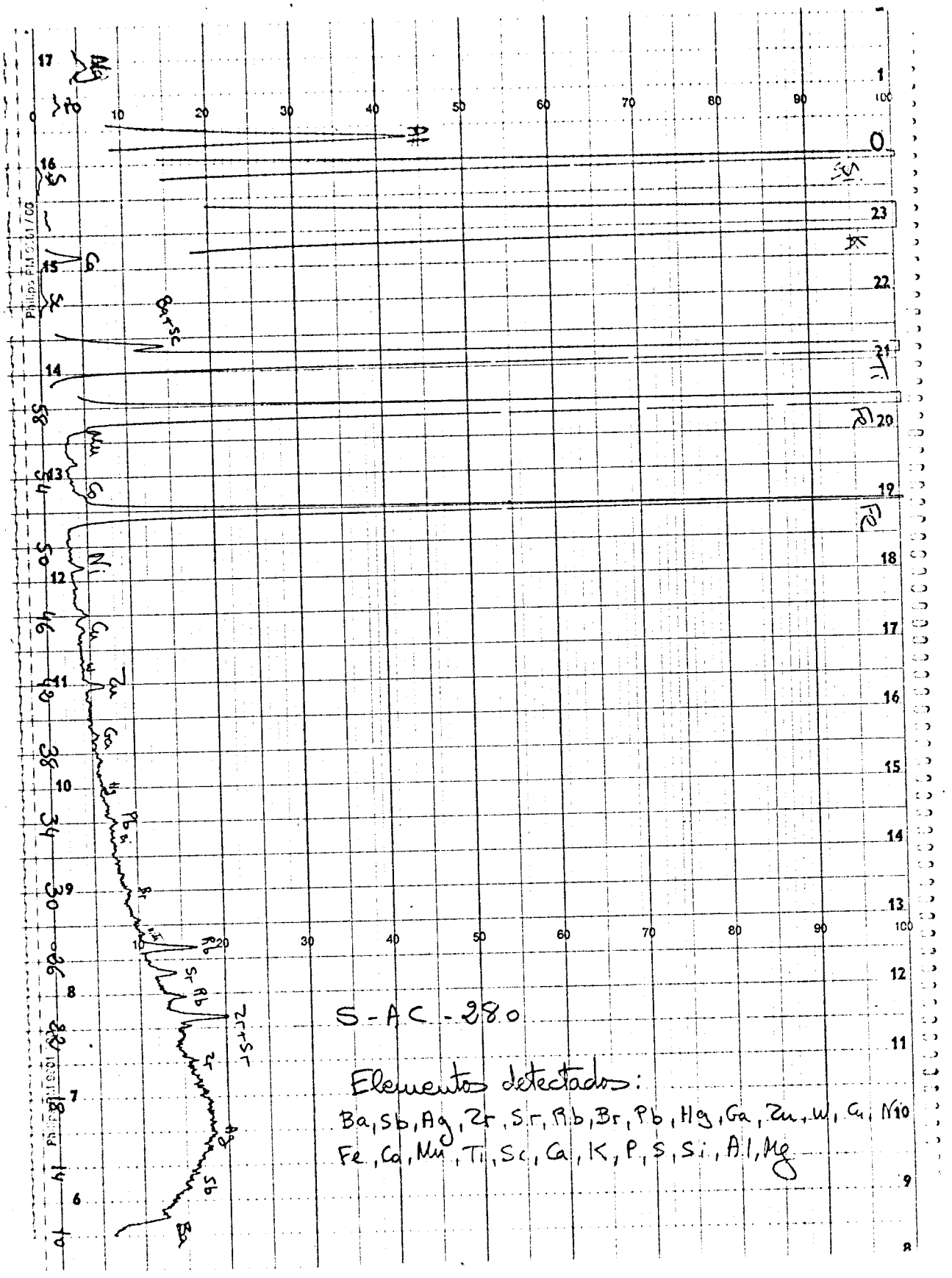
Ti, Sc, Ca, K, S, P, Si, Al, Mg



S - AC - 279

Elementos detectados:

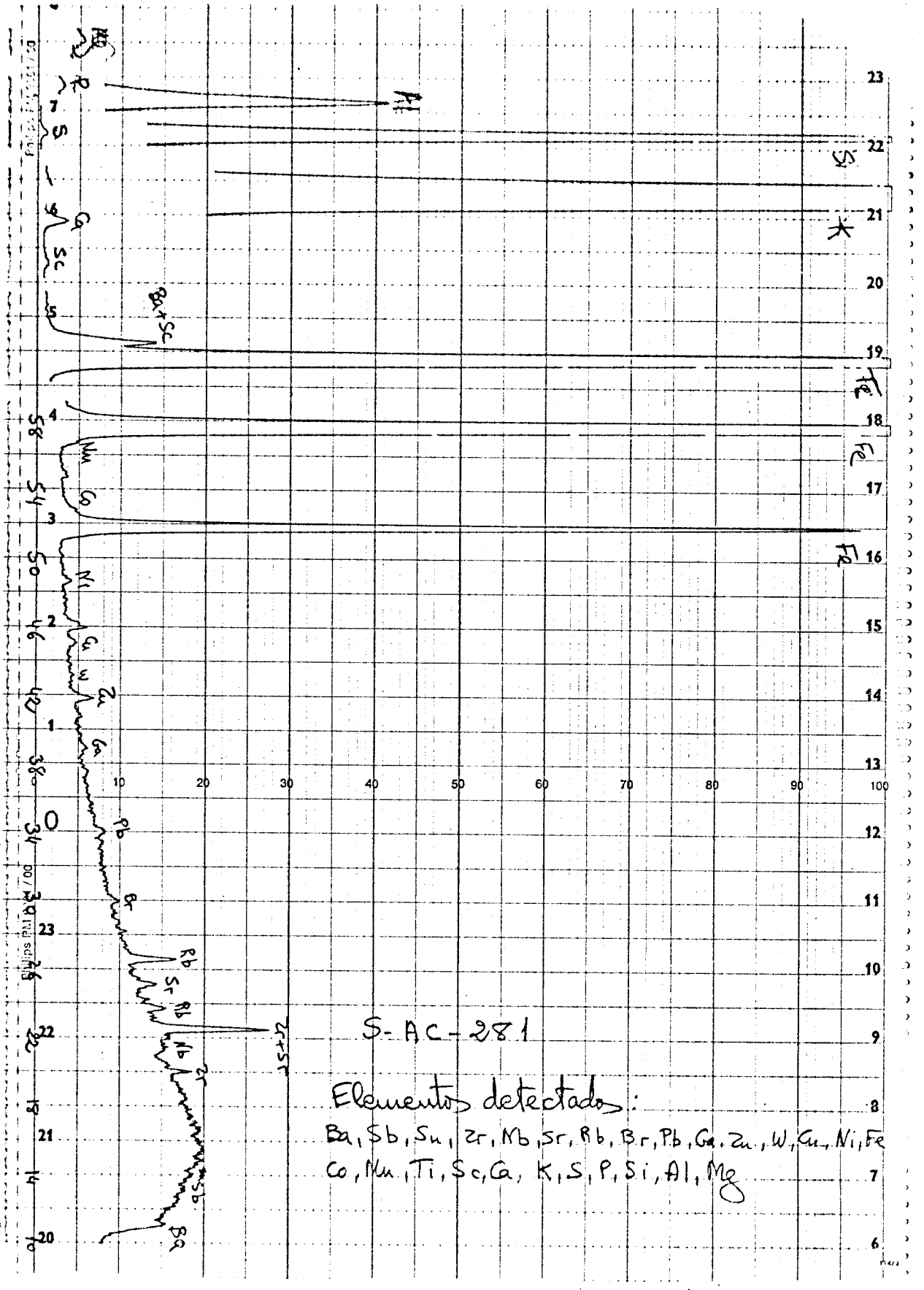
Ba, Ag, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

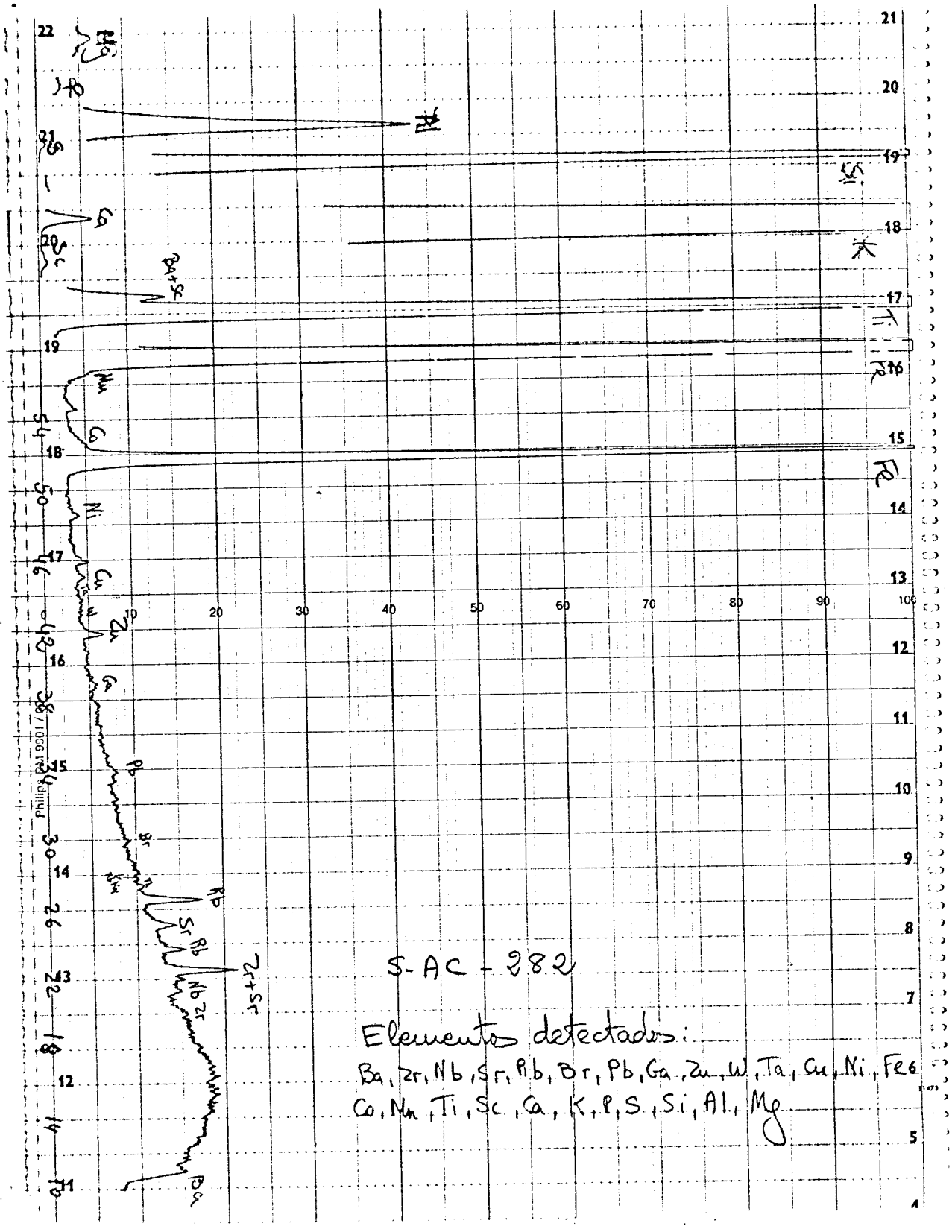


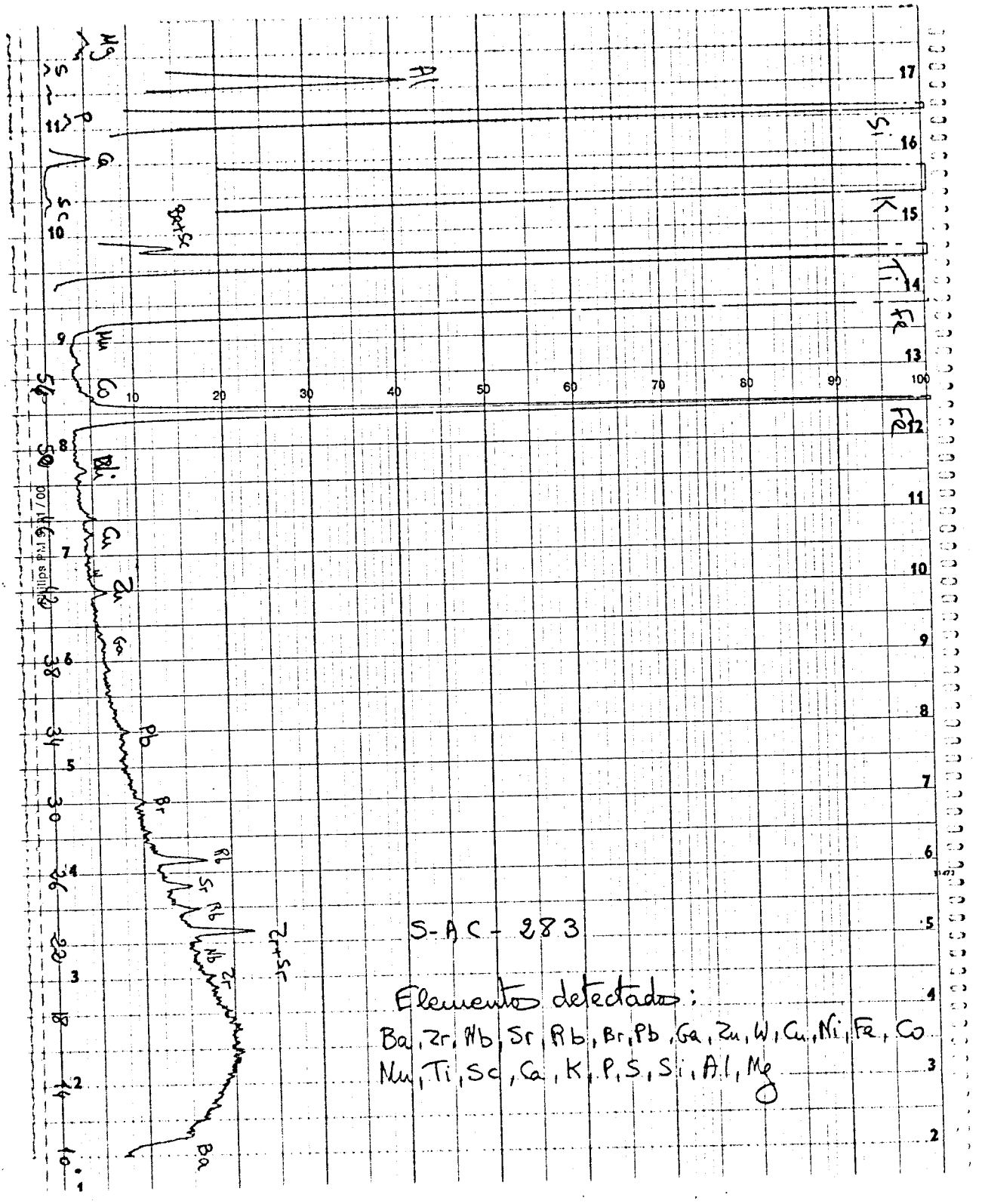
S-AC-280

Elementos detectados:

Ba, Sb, Ag, Zr, Sr, Rb, Br, Pb, Hg, Ga, Zn, As, Cu, Ni
Fe, Ca, Mn, Ti, Sc, Cl, K, P, S, Si, Al, Mg


S-AC-281
Elementos detectados:
Ba, Sb, Sn, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, W, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, S, P, Si, Al, Mg

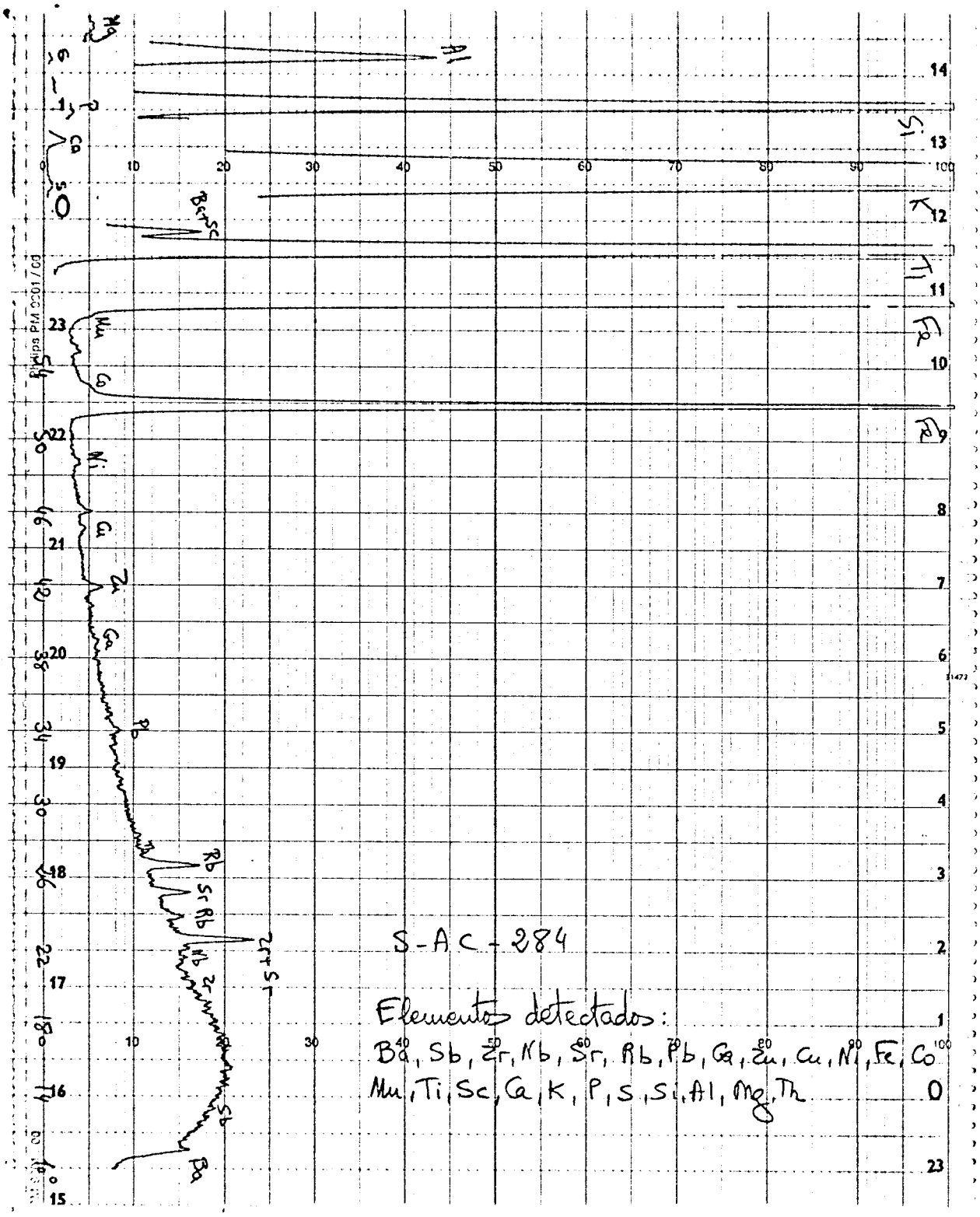

S-AC-282
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, W, Ta, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg
Ba+Sc
Zr+Sr
Ba
Zr
Nb
Sr
Rb
Br
Pb
Ga
Zn
Cu
Ni
Co
Mn
Sc
Ca
K
Si
Ti
Fe
Mg
Al
10
20
30
40
50
60
70
80
90
100

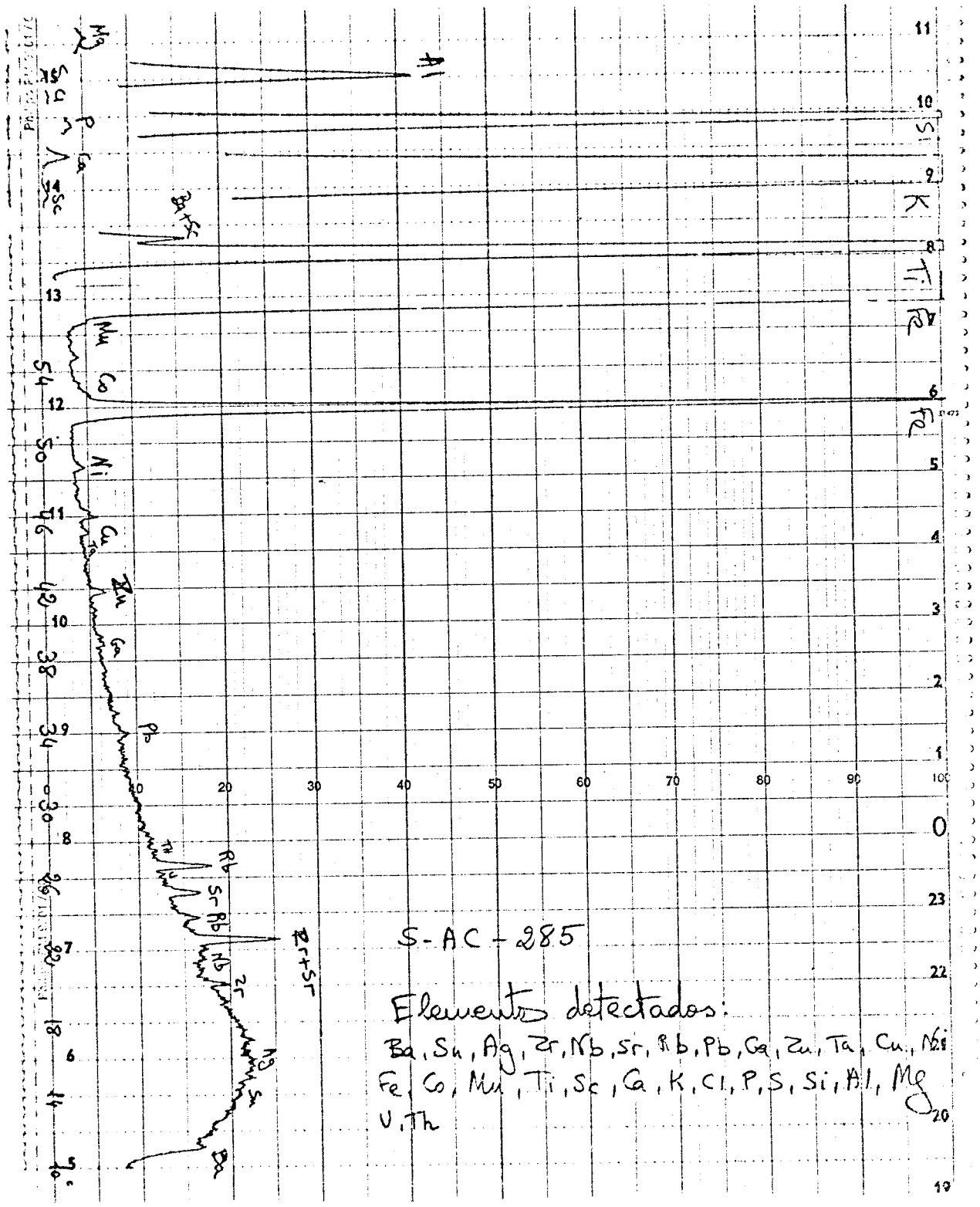


S-AC-283

Elementos detectados:

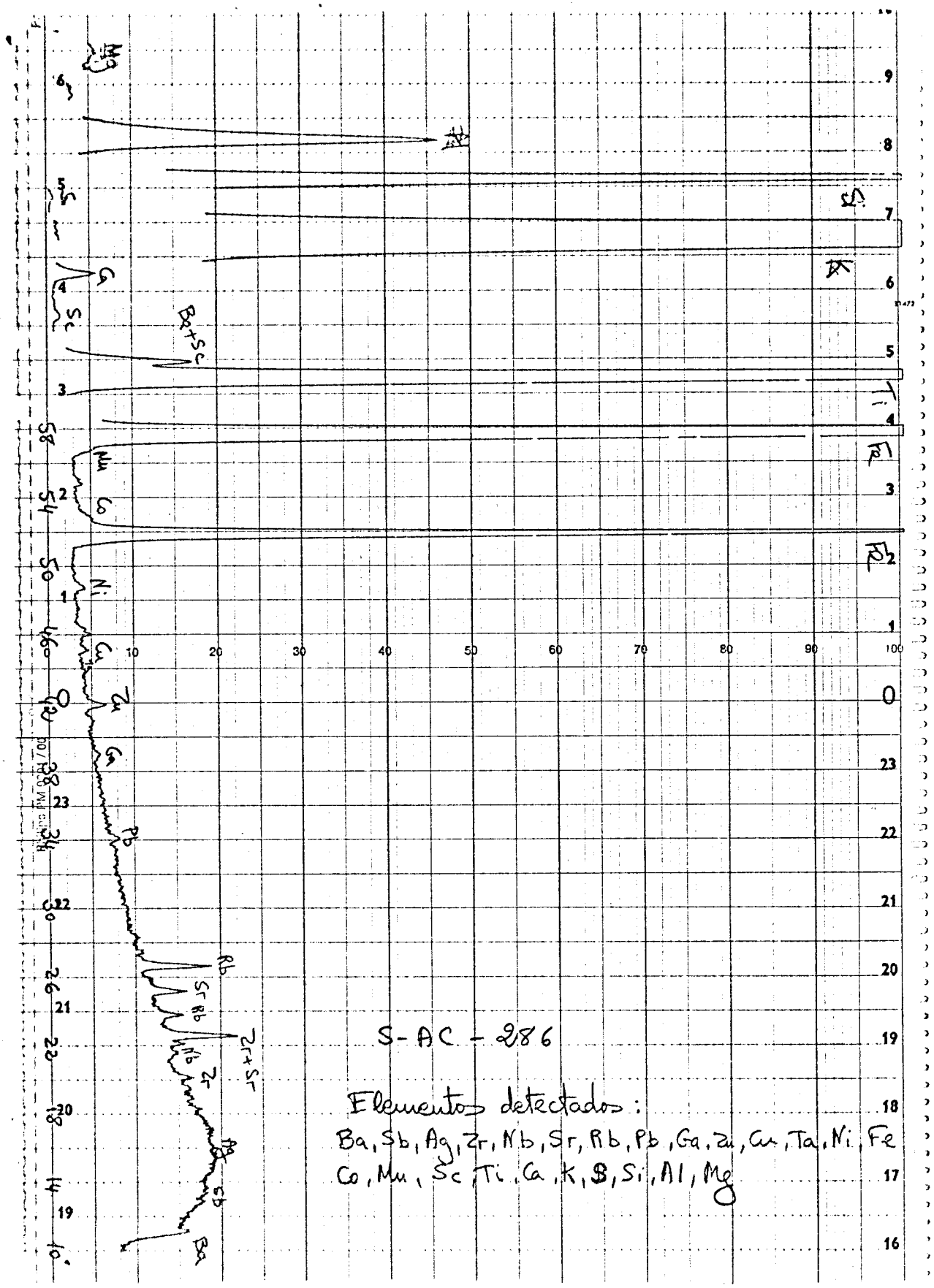
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, W, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg


S-AC-284
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg, Th
Al
Si
K
Ti
Fe
Mn
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr Rb
Zr+Sr
Nb
Zr
Sb
Ba
Ca
Mg
Ba+Sc
Philips PM 9001/00



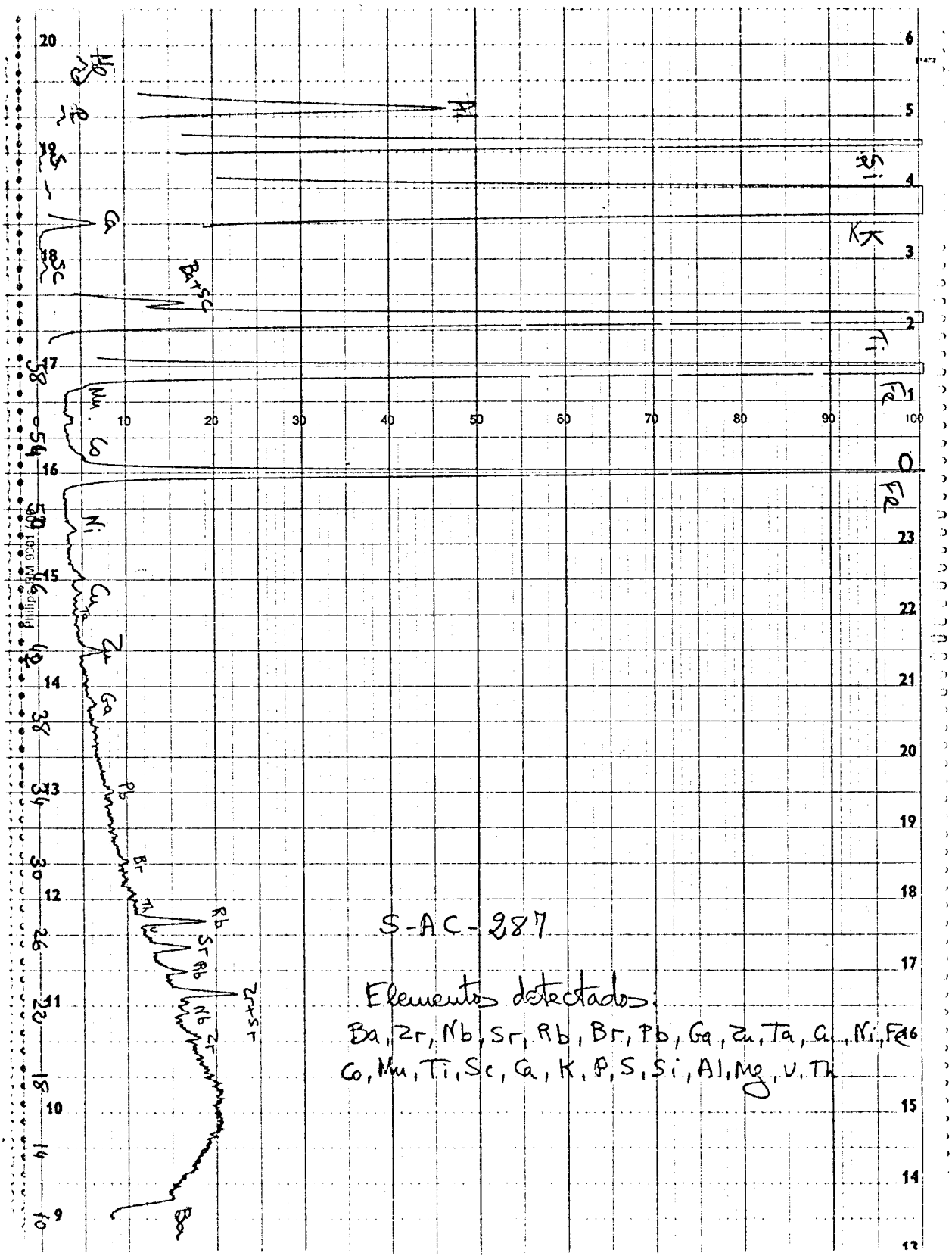
S-AC-285

Elementos detectados:
Ba, Sn, Ag, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Ta, Cu, Ni
Fe, Co, Mn, Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg
U, Th



S-AC-286

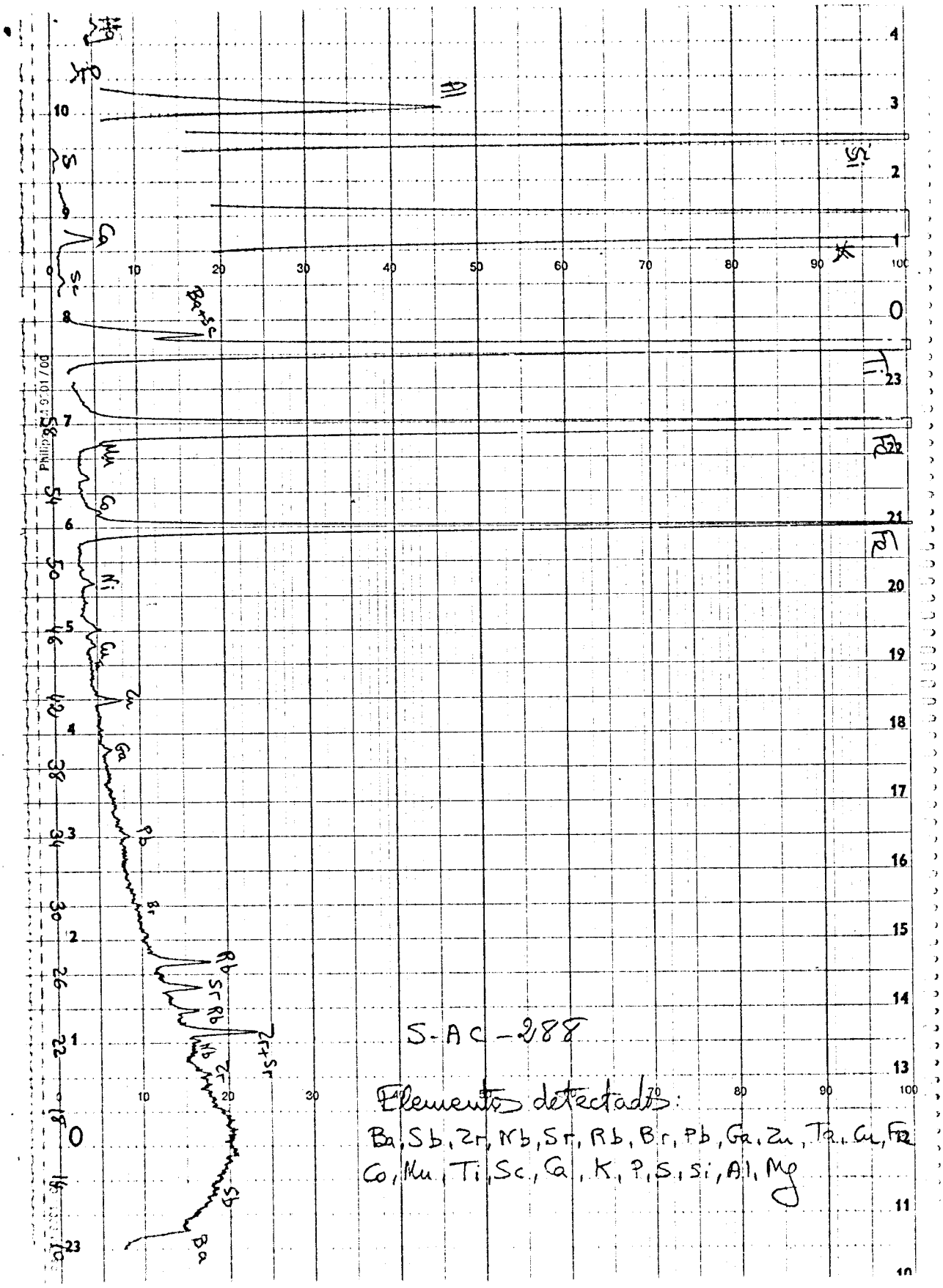
Elementos detectados:
Ba, Sb, Ag, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ta, Ni, Fe
Co, Mn, Sc, Ti, Ca, K, S, Si, Al, Mg



S-AC-287

Elementos detectados:

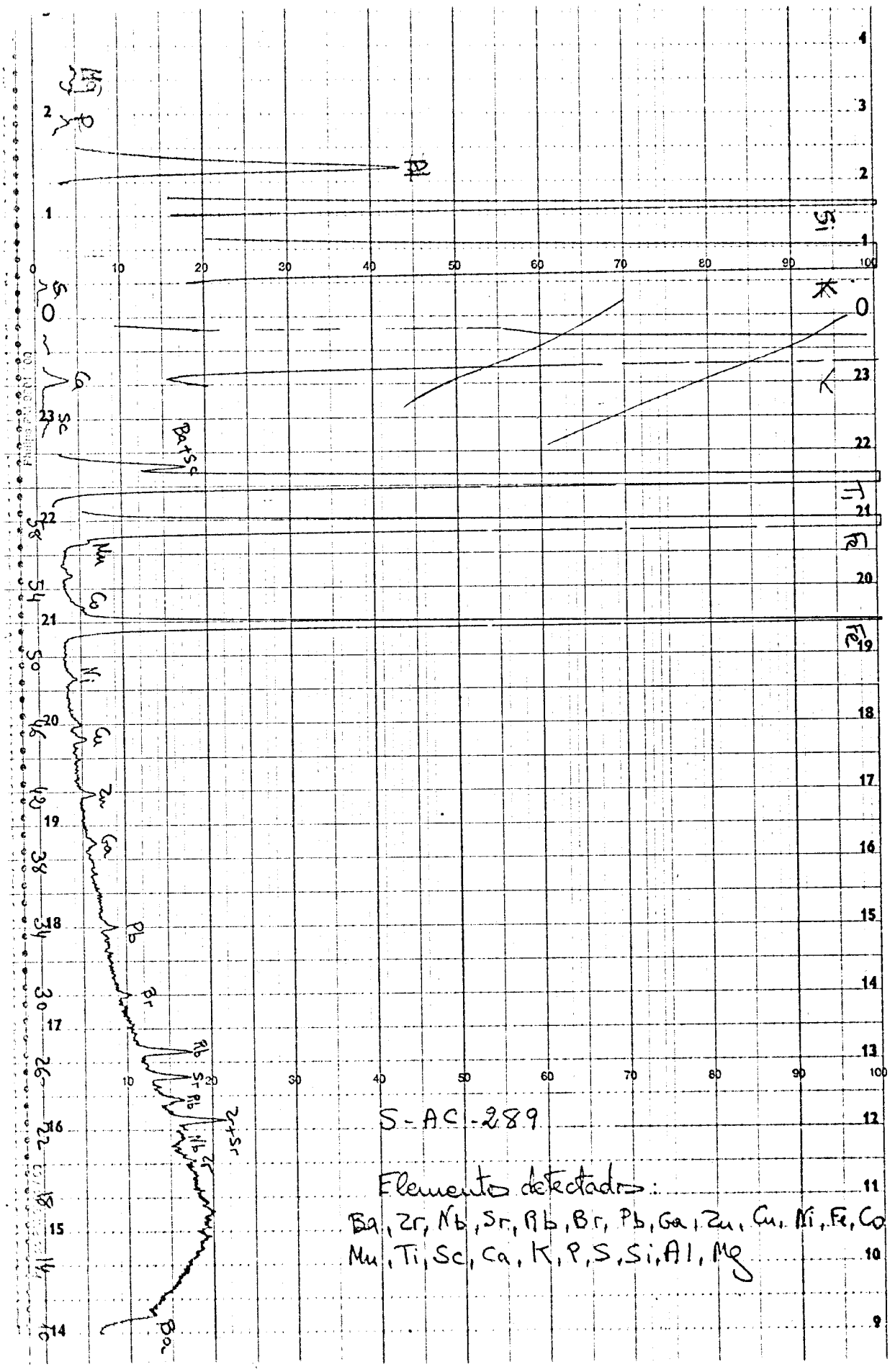
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Ta, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg, V, Th



S-AC-288

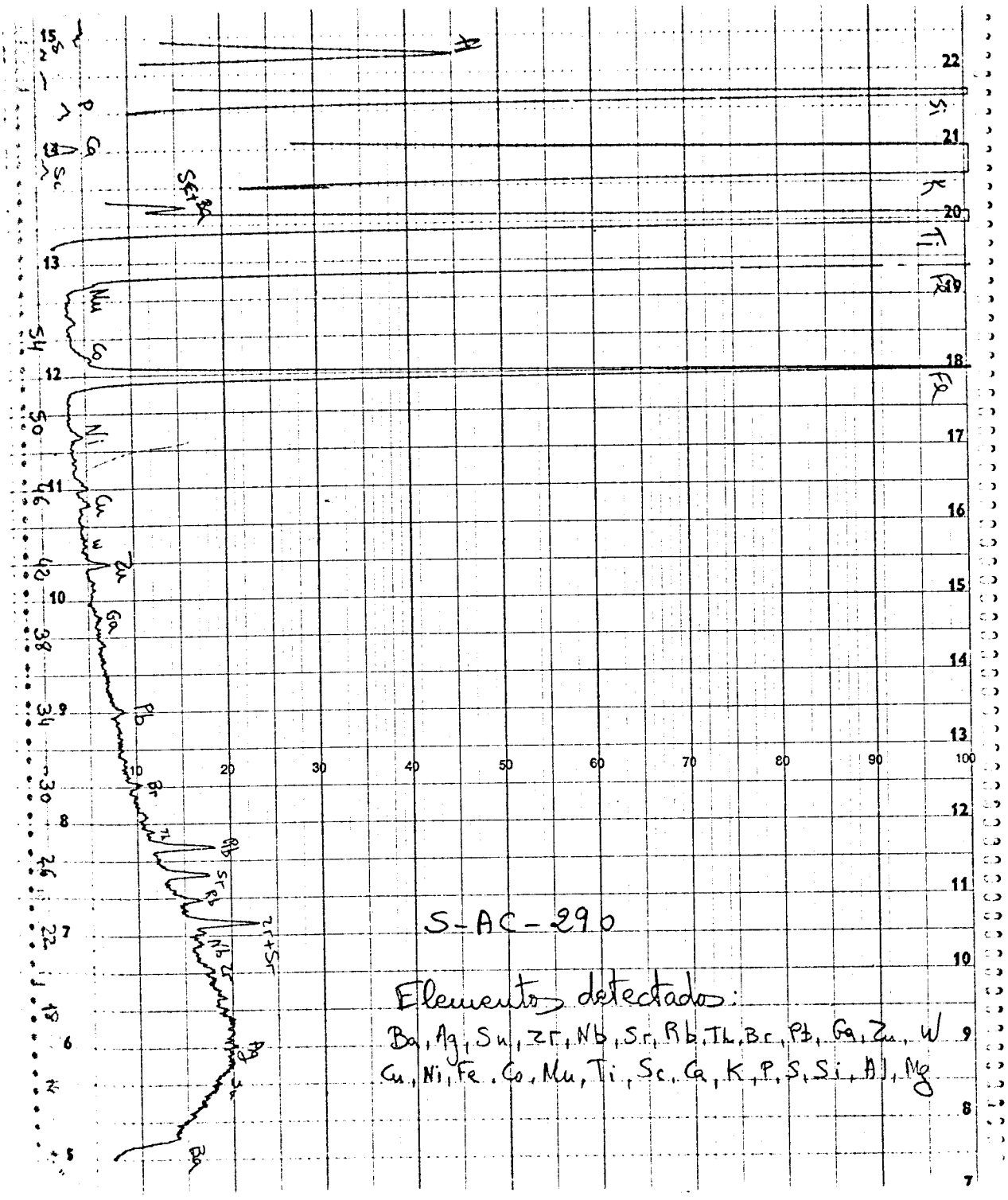
Elementos detectados:

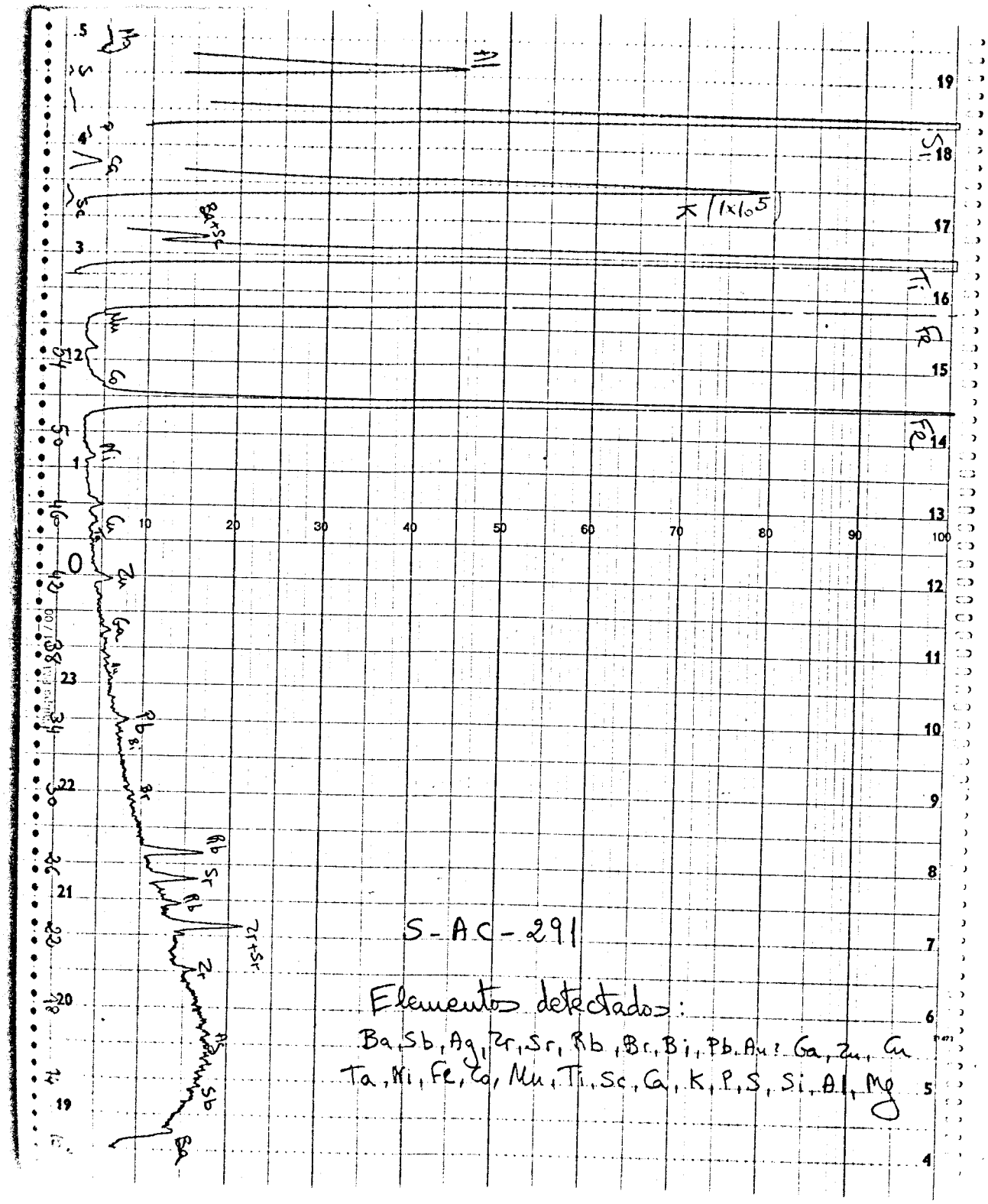
Ba, Sb, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Ta, Cu, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg



S-AC-289

Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

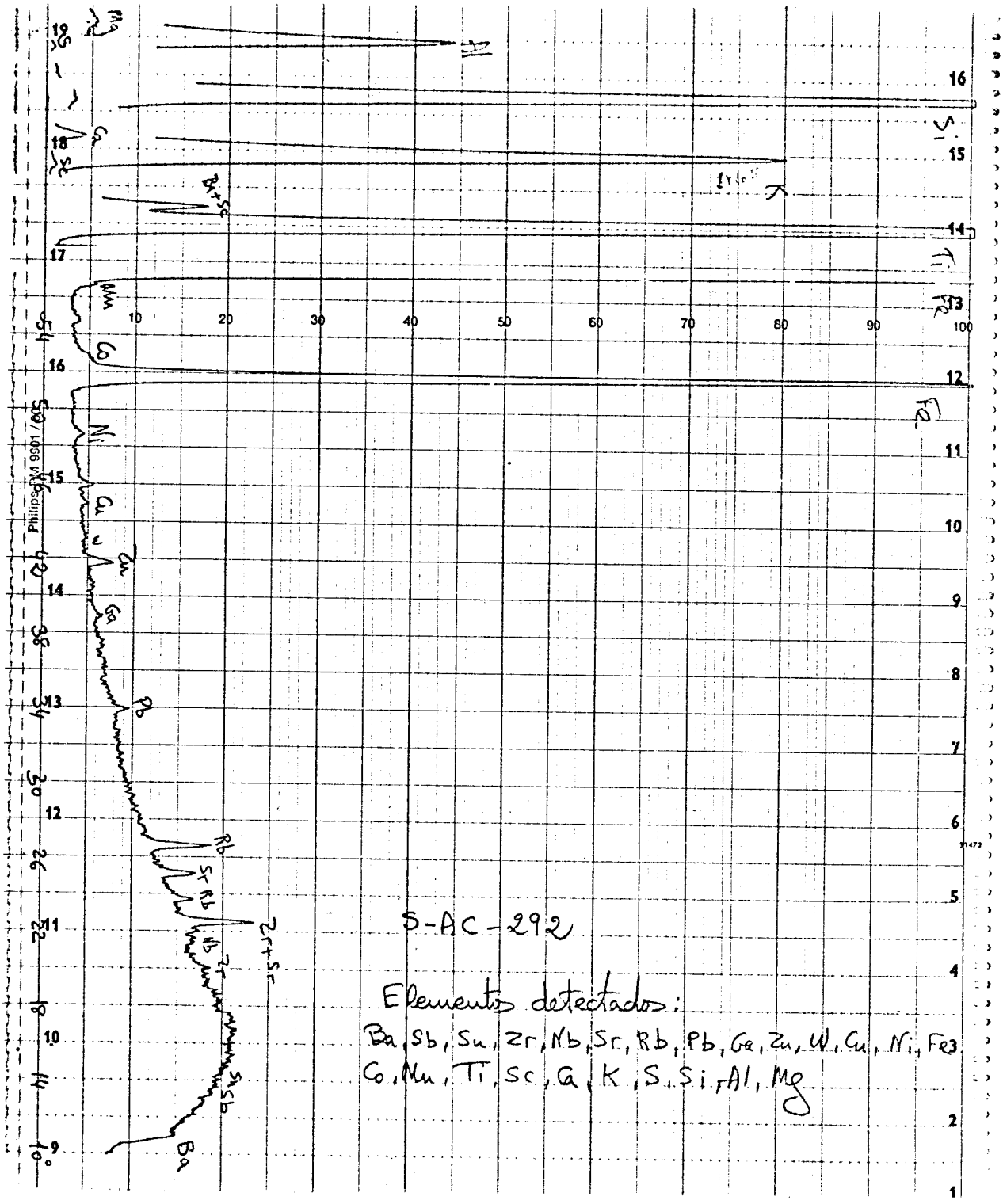

S-AC-290
Elementos detectados:
Ba, Ag, Sn, Zr, Nb, Sr, Rb, Tl, Br, Pb, Ga, Zn, W
Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg



S-AC-291

Elementos detectados:

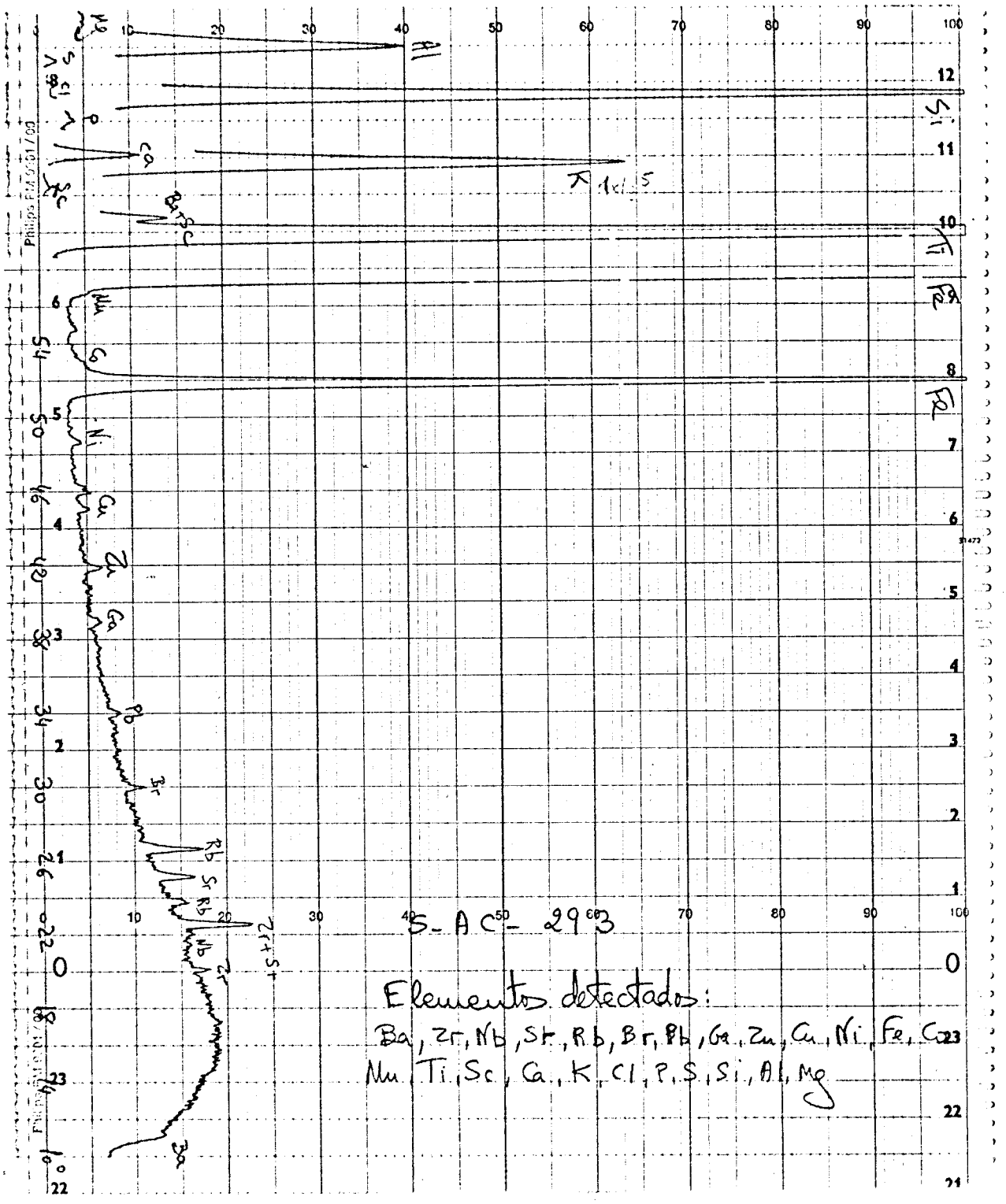
Ba, Sb, Ag, Zr, Sr, Rb, Br, Bi, Pb, Au? Ga, Zn, Cu
Ta, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg



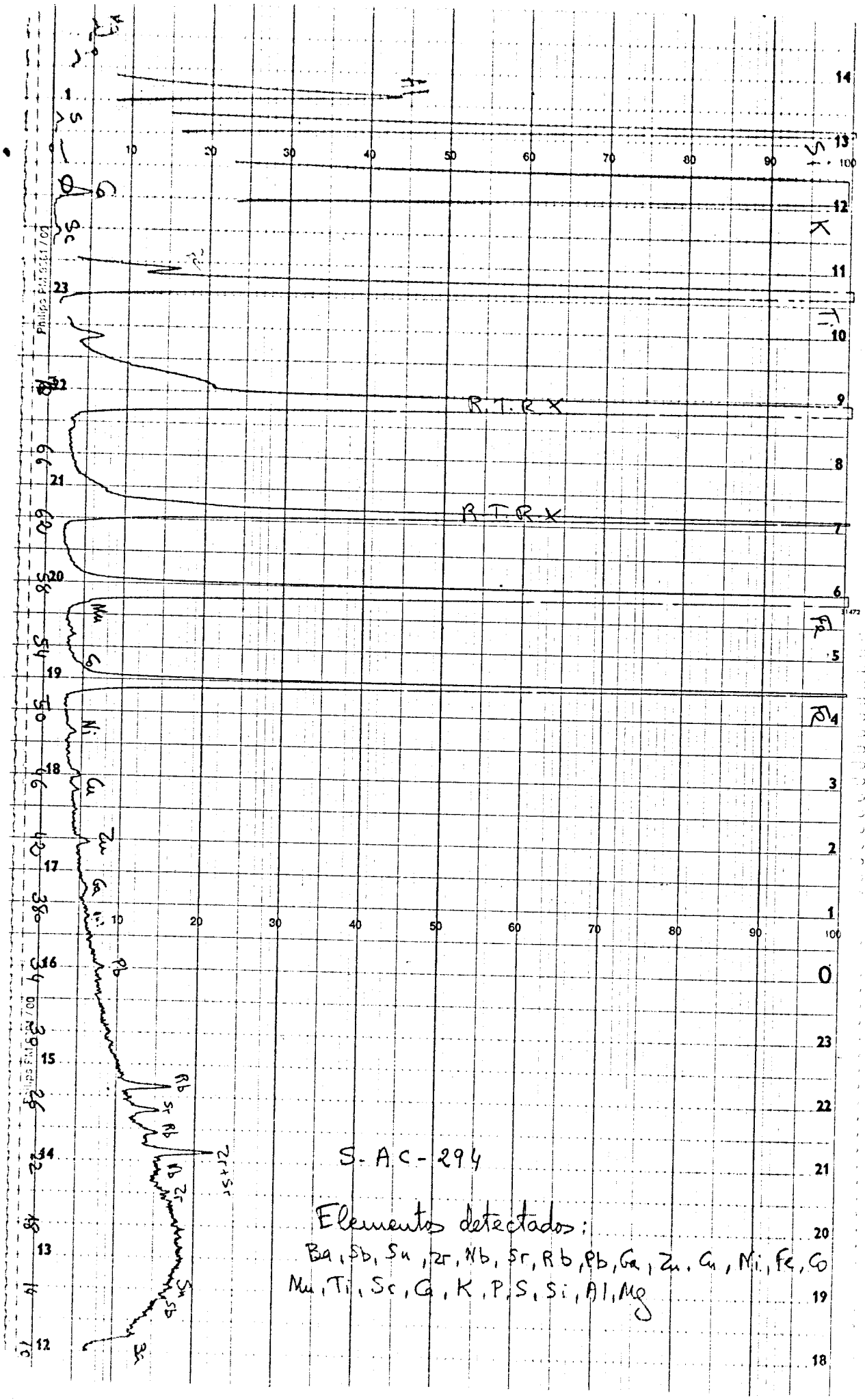
S-AC-292

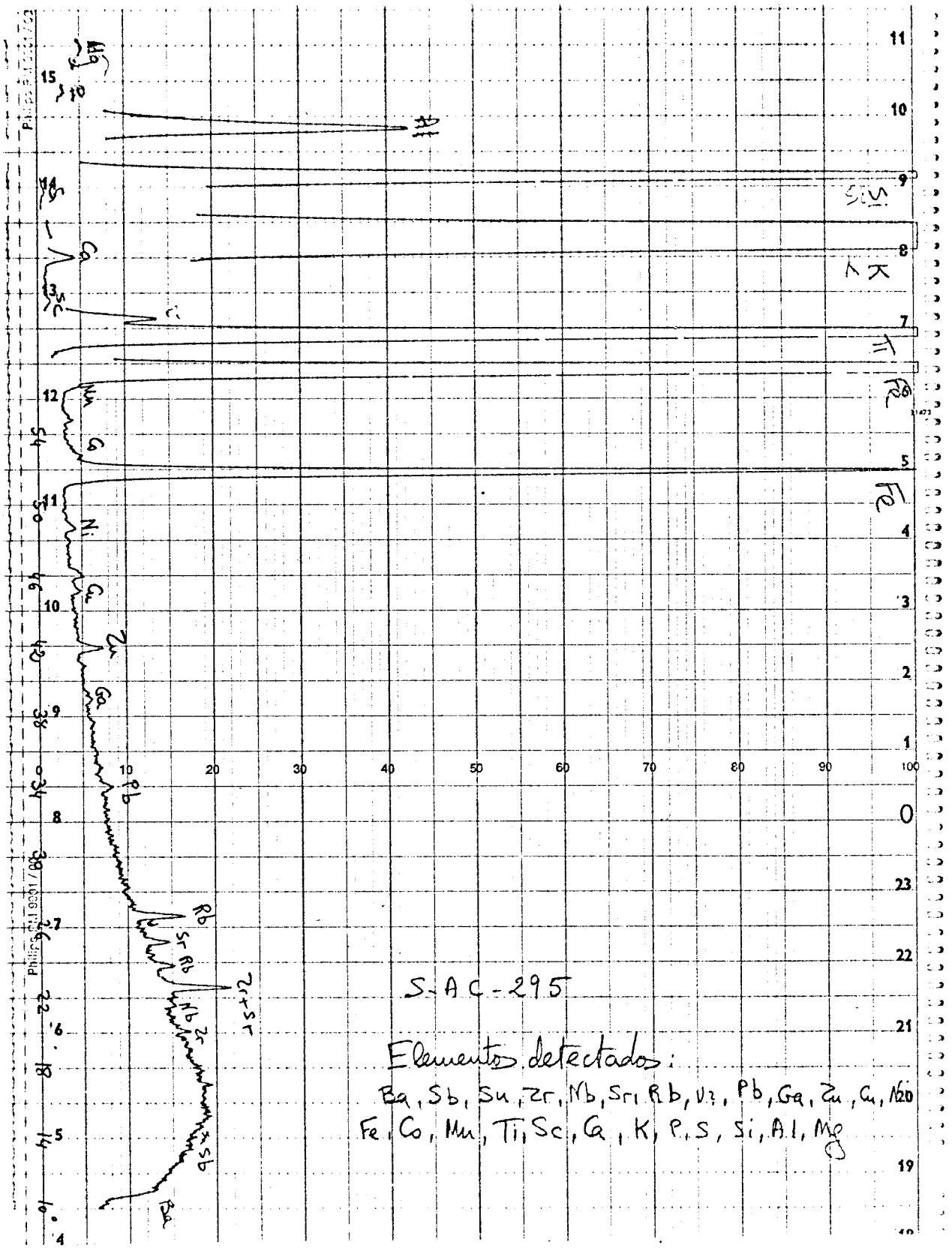
Elementos detectados:

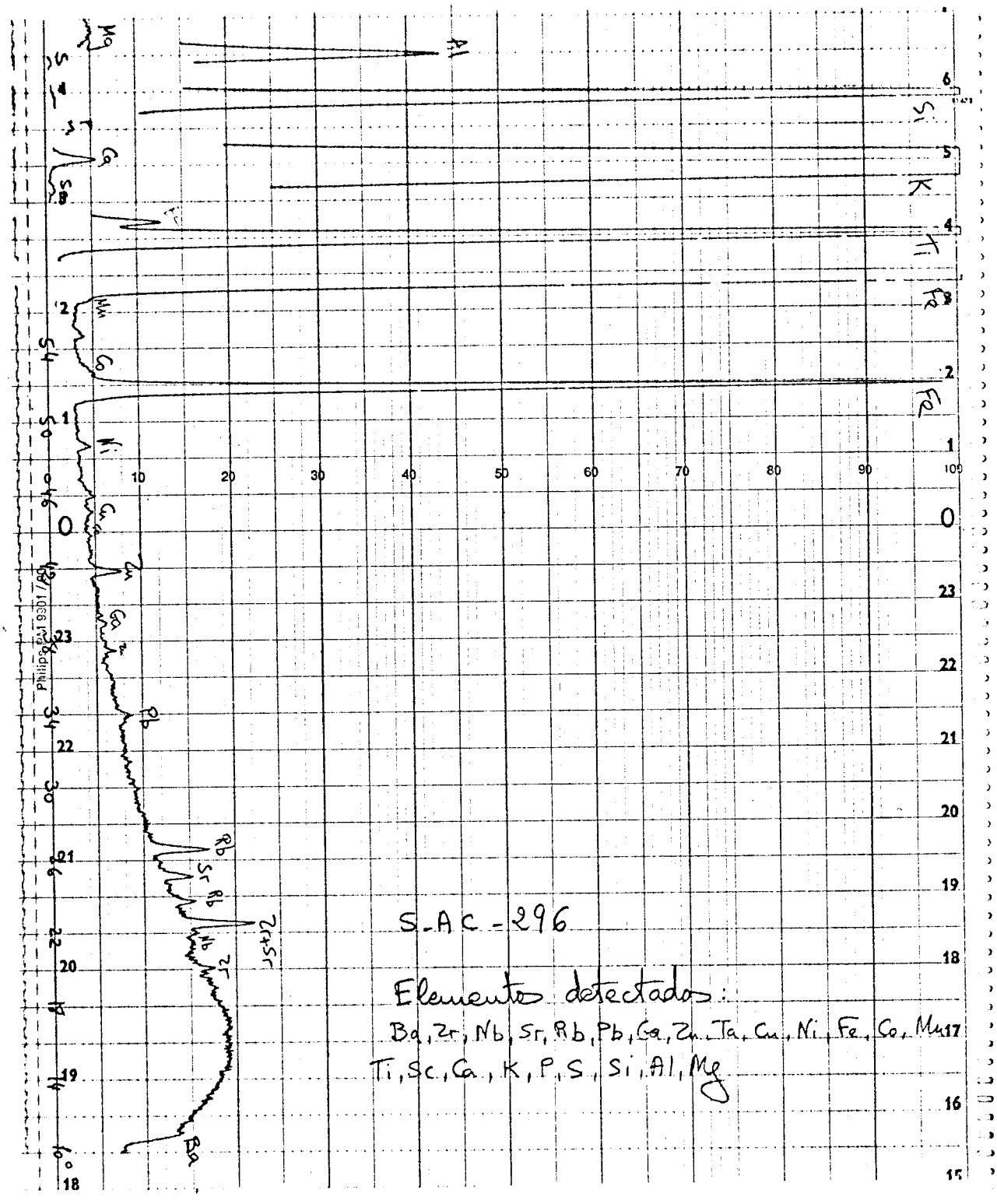
Ba, Sb, Su, Zr, Nb, Sr, Rb, Pb, Ga, Zn, W, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, S, Si, Al, Mg

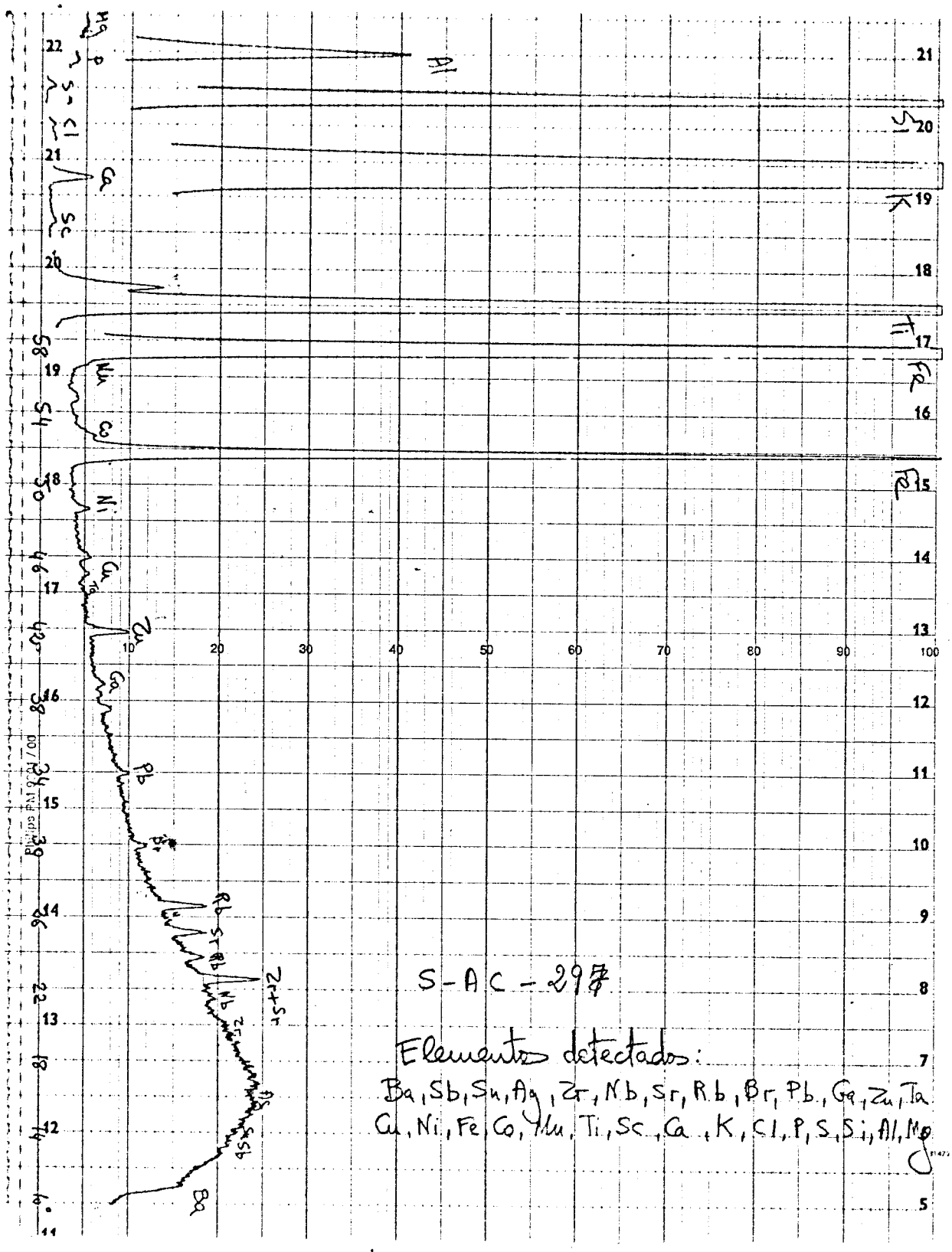


Al
Si
Ca
K 1x1.5
Ti
Fe
Mn
Cr
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Zr+Sr
Nb
Zr
Ba
S-AC-293
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Cr
Mn, Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg


R.T.R.X
R.T.R.X
S.AC-294
Elementos detectados:
Ba, Sb, Sn, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg


Ag
Al
Si
K
Ca
Ti
Fe
Mn
Ni
Cu
Zn
Ga
Pb
Rb
Sr Rb
Zr+Sr
Nb Zr
Sb
Ba
S-AC-295
Elementos detectados:
Ba, Sb, Sn, Zr, Nb, Sr, Rb, V?, Pb, Ga, Zn, Cu, Ni, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

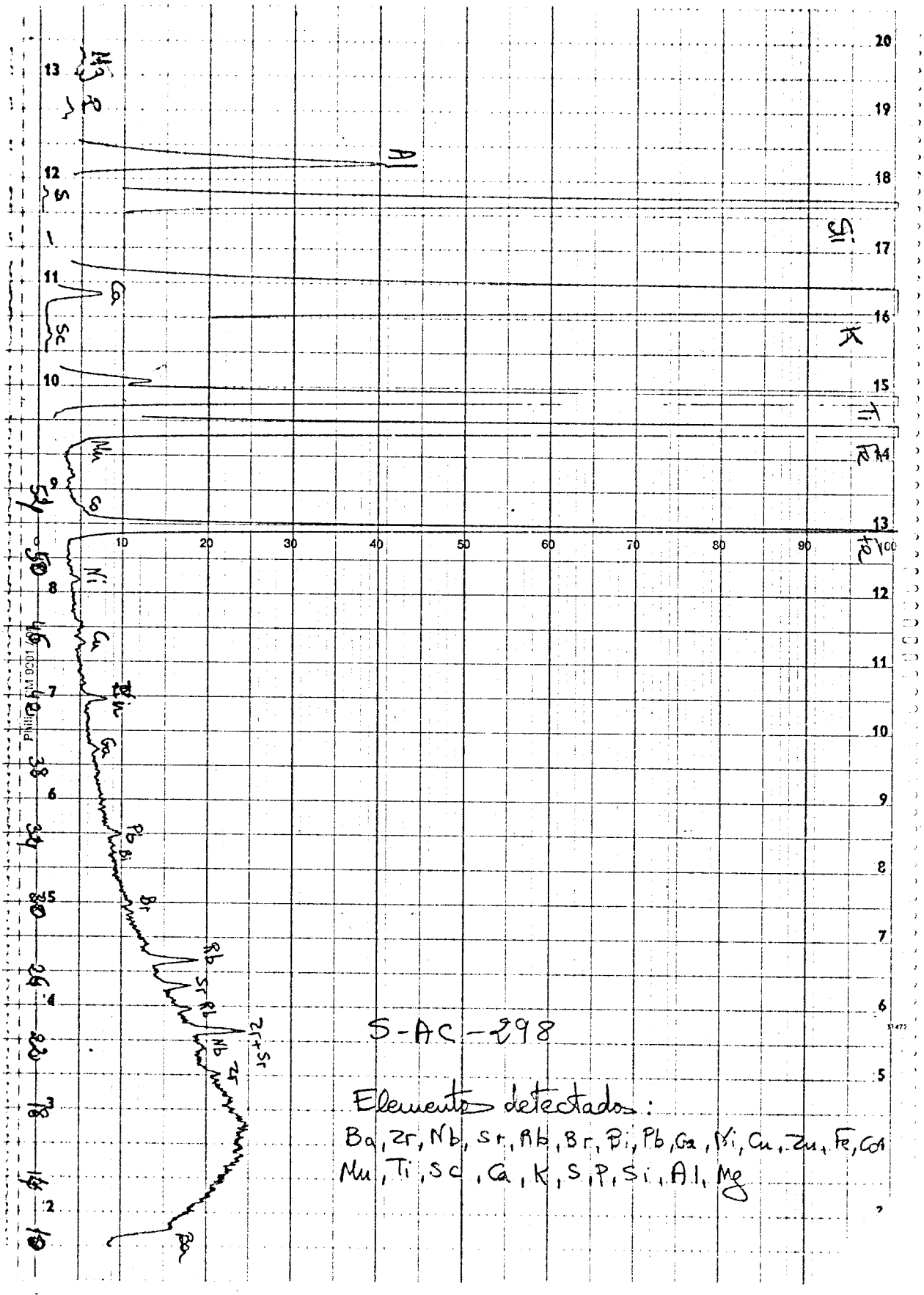

Mg
Al
Si
K
Ca
Ti
Mn
Fe
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Zr+Sr
Nb
Ba
S-AC-296
Elementos detectados:
Bq, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Ta, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, S, Si, Al, Mg



S-AC-297

Elementos detectados:

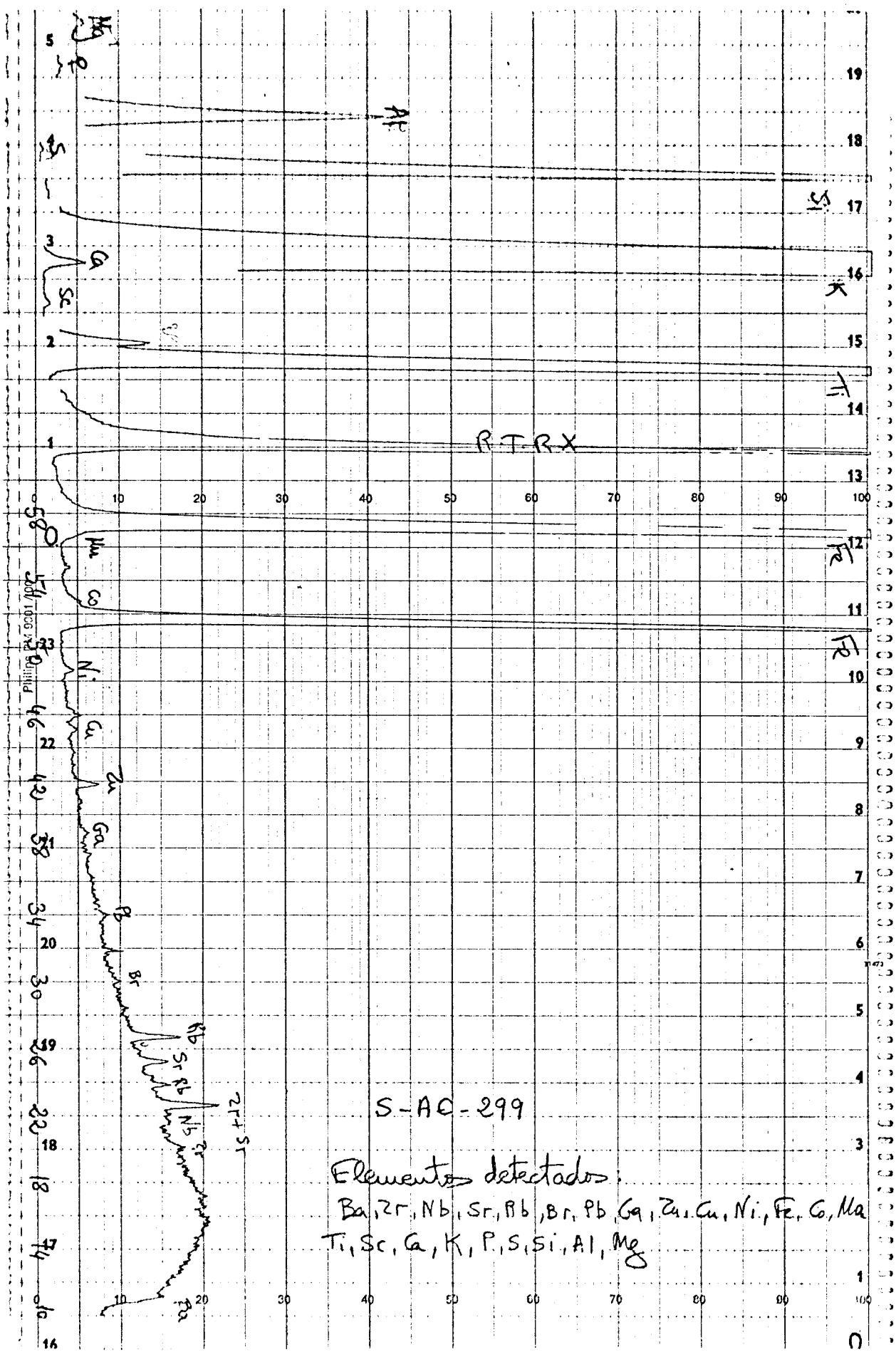
Ba, Sb, Sn, Ag, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Ta
Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg



S-AC-298

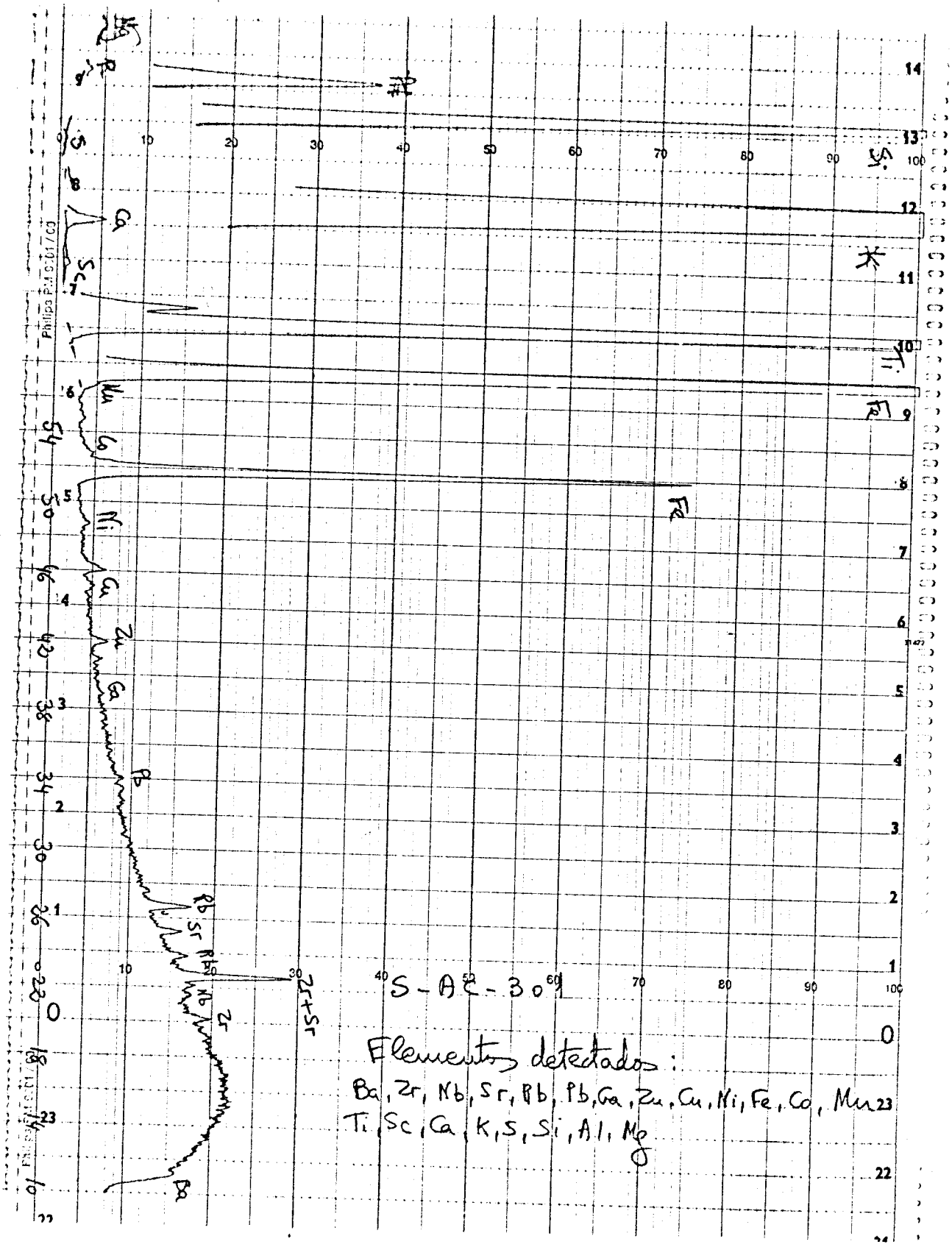
Elementos detectados:

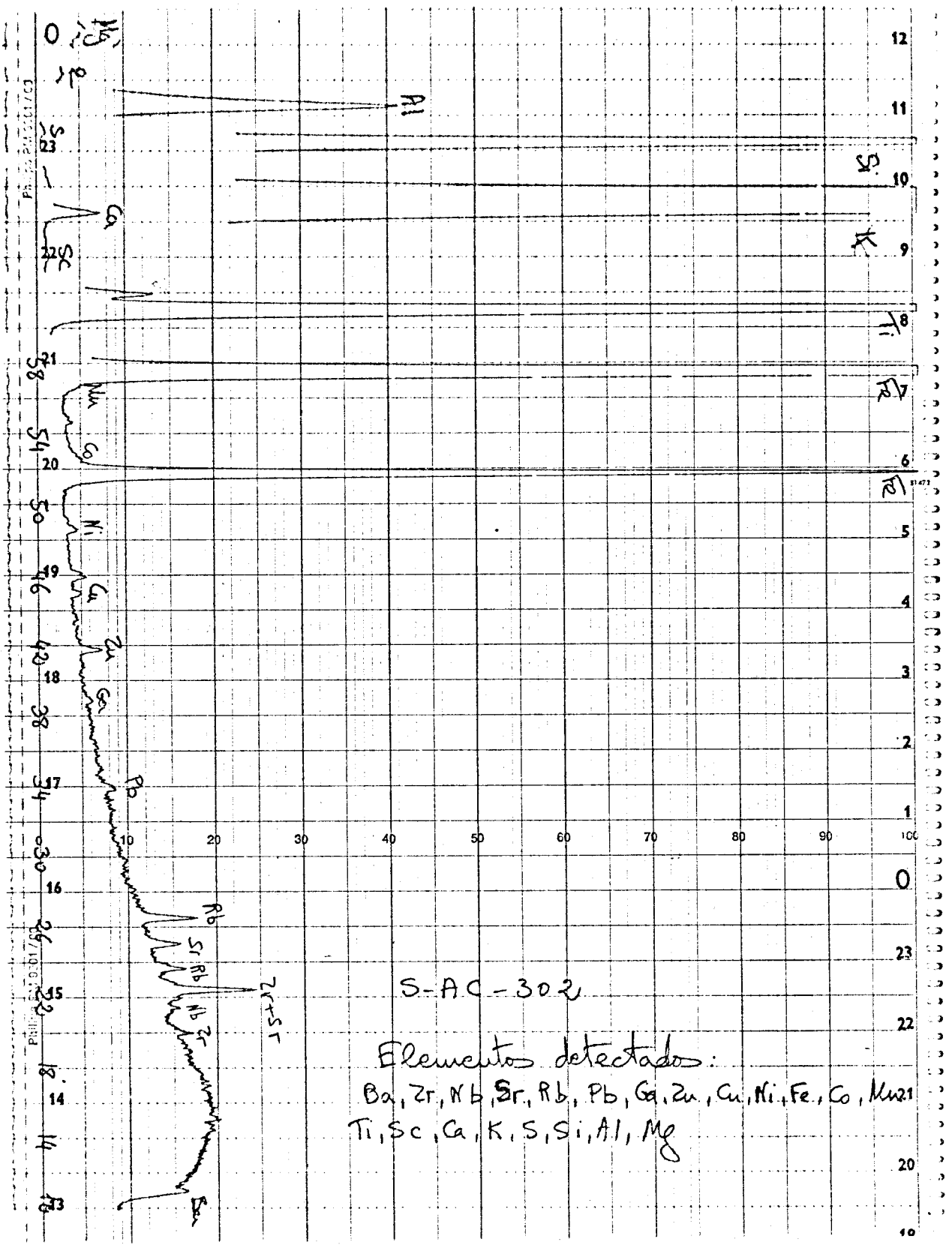
Ba, Zr, Nb, Sr, Rb, Br, Bi, Pb, Ga, Ni, Cu, Zn, Fe, Co
Mn, Ti, Sc, Ca, K, S, P, Si, Al, Mg



Al
Si
K
Ti
R.T.R.X
Fe
Fe
Mn
Co
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ba
S-AC-299
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, S, Si, Al, Mg

Mg
Al
Si
P
S
Cl
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Pb
Br
Rb
Sr
Zr+Sr
Nb
Zr
Sn
Sb
Ba
PHILIPS PM 9001
S-AC-300
Elementos detectados:
Ba, Sb, Sn, Zr, Nb, Sr, Rb, Br, Pb, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, Cl, S, P, Si, Al, Mg

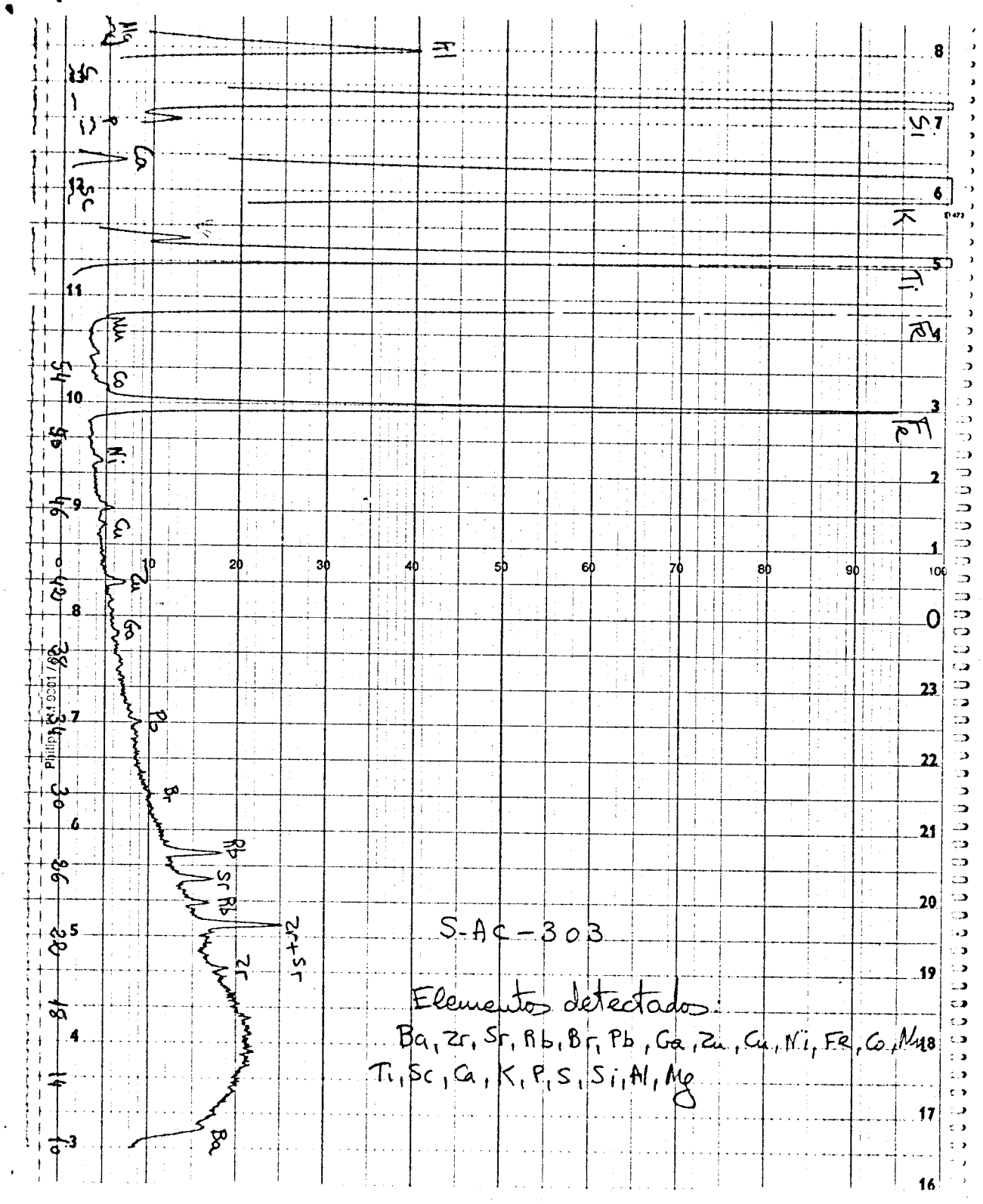

Ca
Sc
Ti
Mn
Fe
Ni
Cu
Zn
Ga
As
Pb
Rb
Sr
Zr+Sr
Nb
Zr
Ba
S-AC-30
Elementos detectados:
Ba, Zr, Nb, Sr, Pb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, S, Si, Al, Mg



S-AC-302

Elementos detectados:

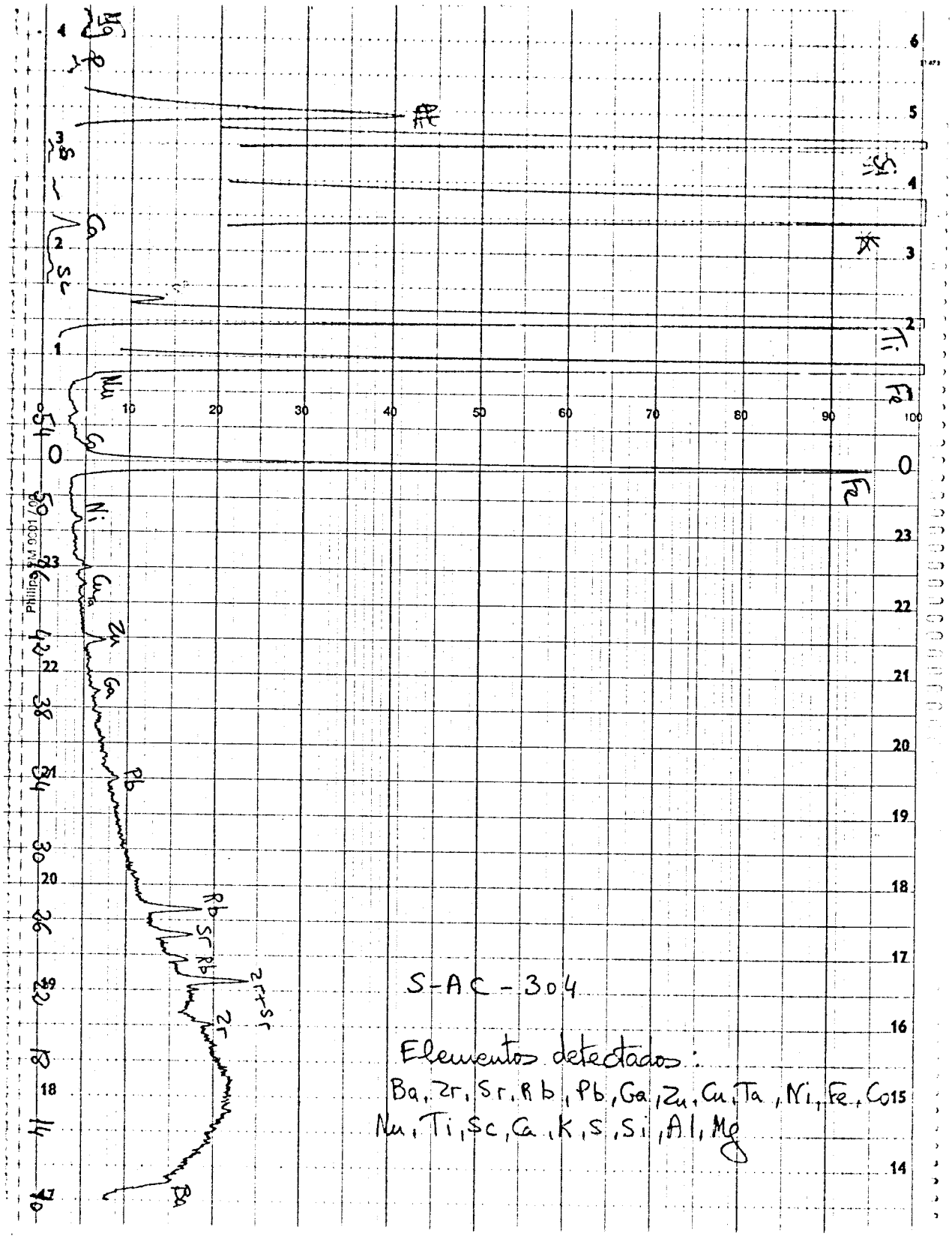
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, S, Si, Al, Mg



S-AC-303

Elementos detectados:

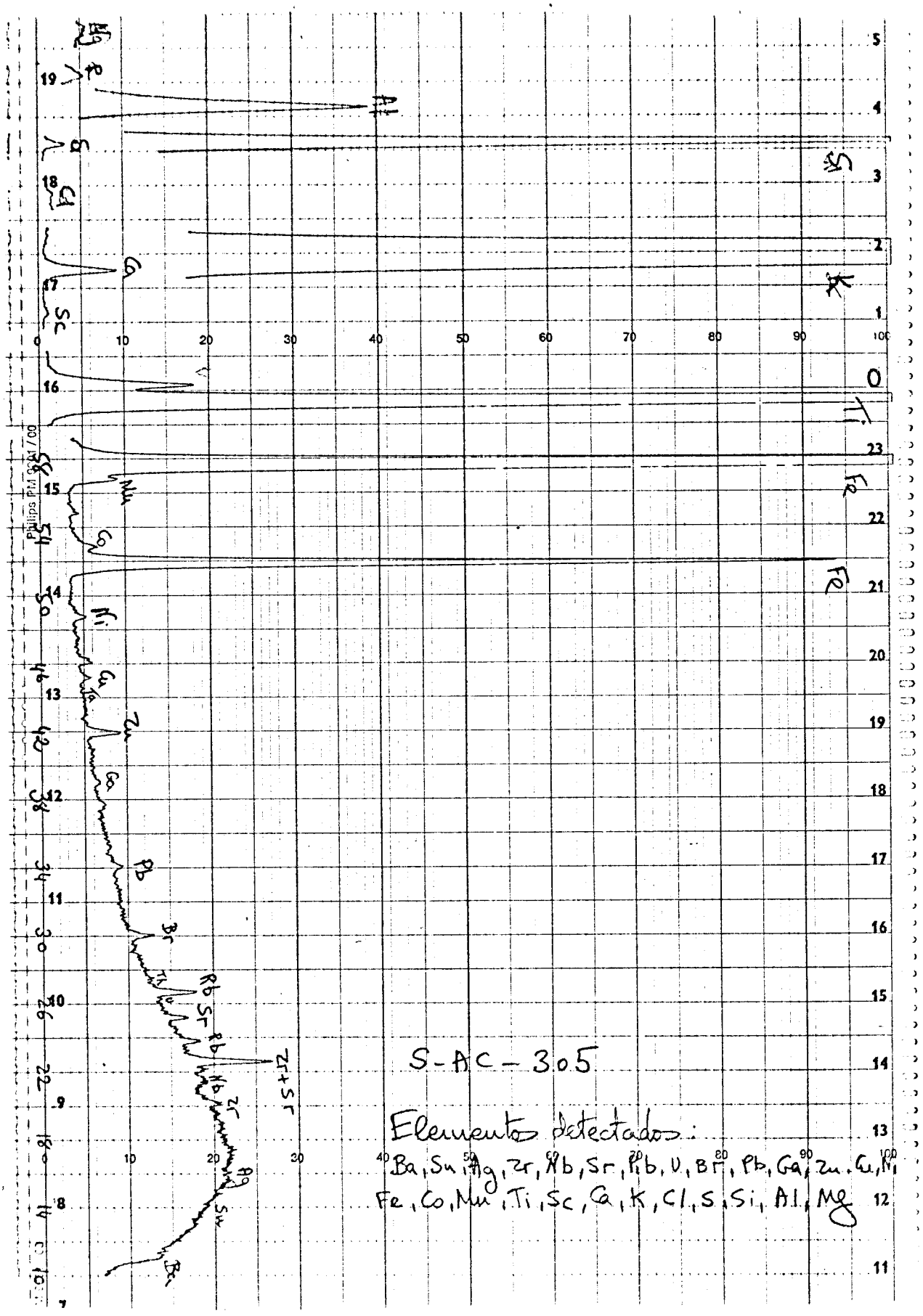
Ba, Zr, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, S, Si, Al, Mg



S-AC-304

Elementos detectados:

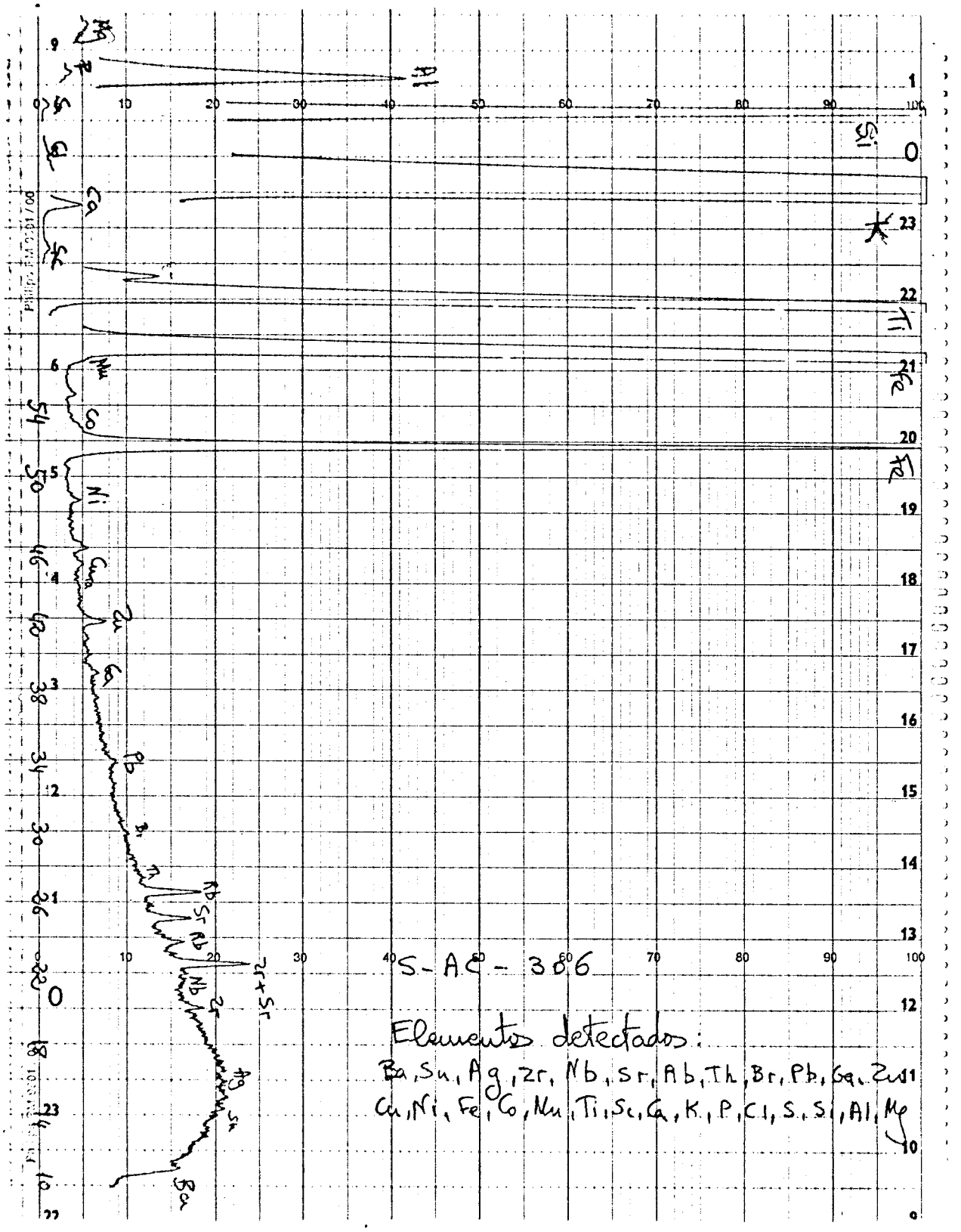
Ba, Zr, Sr, Rb, Pb, Ga, Zn, Cu, Ta, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, S, Si, Al, Mg

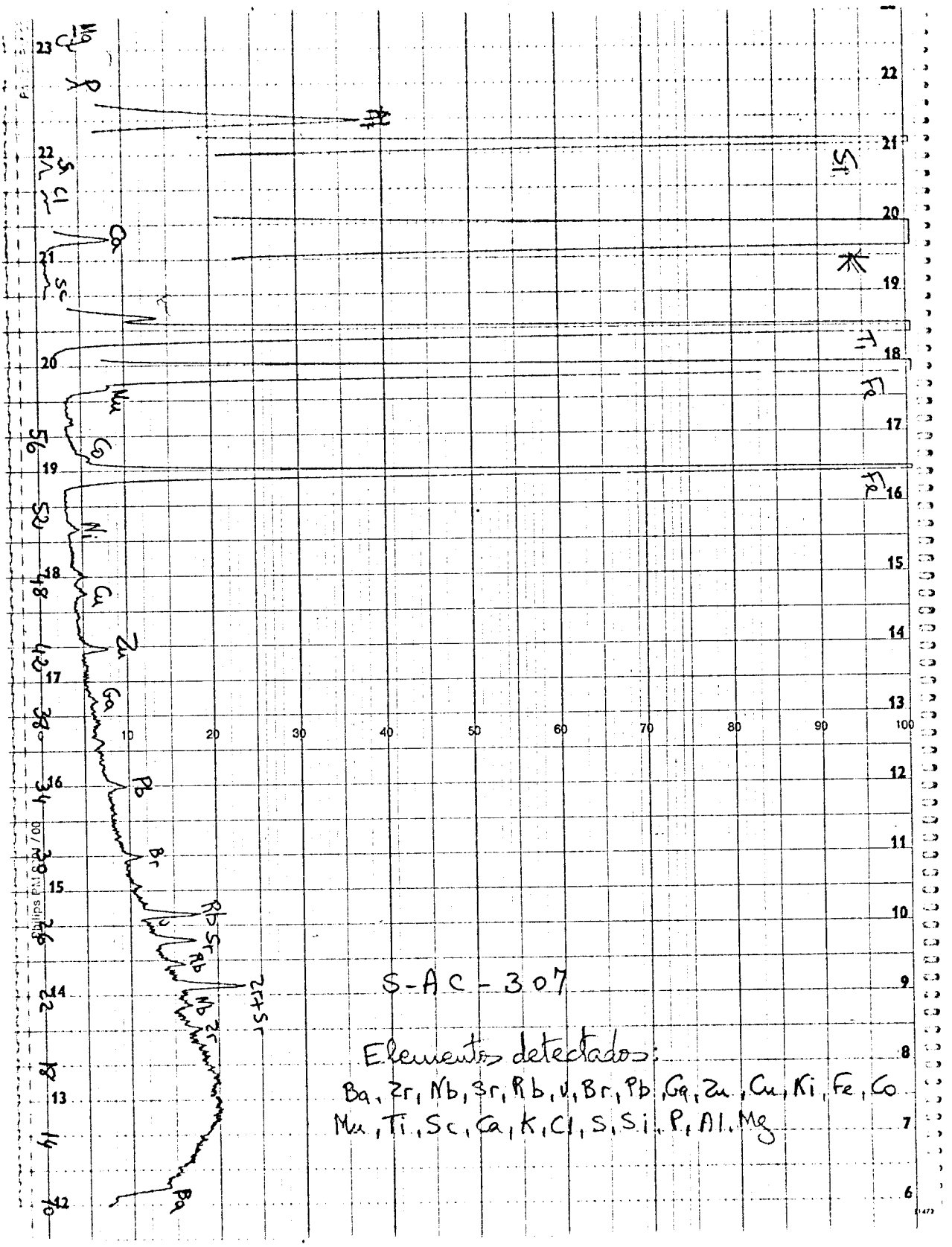


S-AC-305

Elementos detectados:

Ba, Sn, Ag, Zr, Rb, Sr, Pb, V, Br, Pb, Ga, Zn, Cu, Ni
Fe, Co, Mn, Ti, Sc, Ca, K, Cl, S, Si, Al, Mg


S-AC-306
Elementos detectados:
Ba, Sn, Ag, Zr, Nb, Sr, Rb, Th, Br, Pb, Ga, Zn
Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

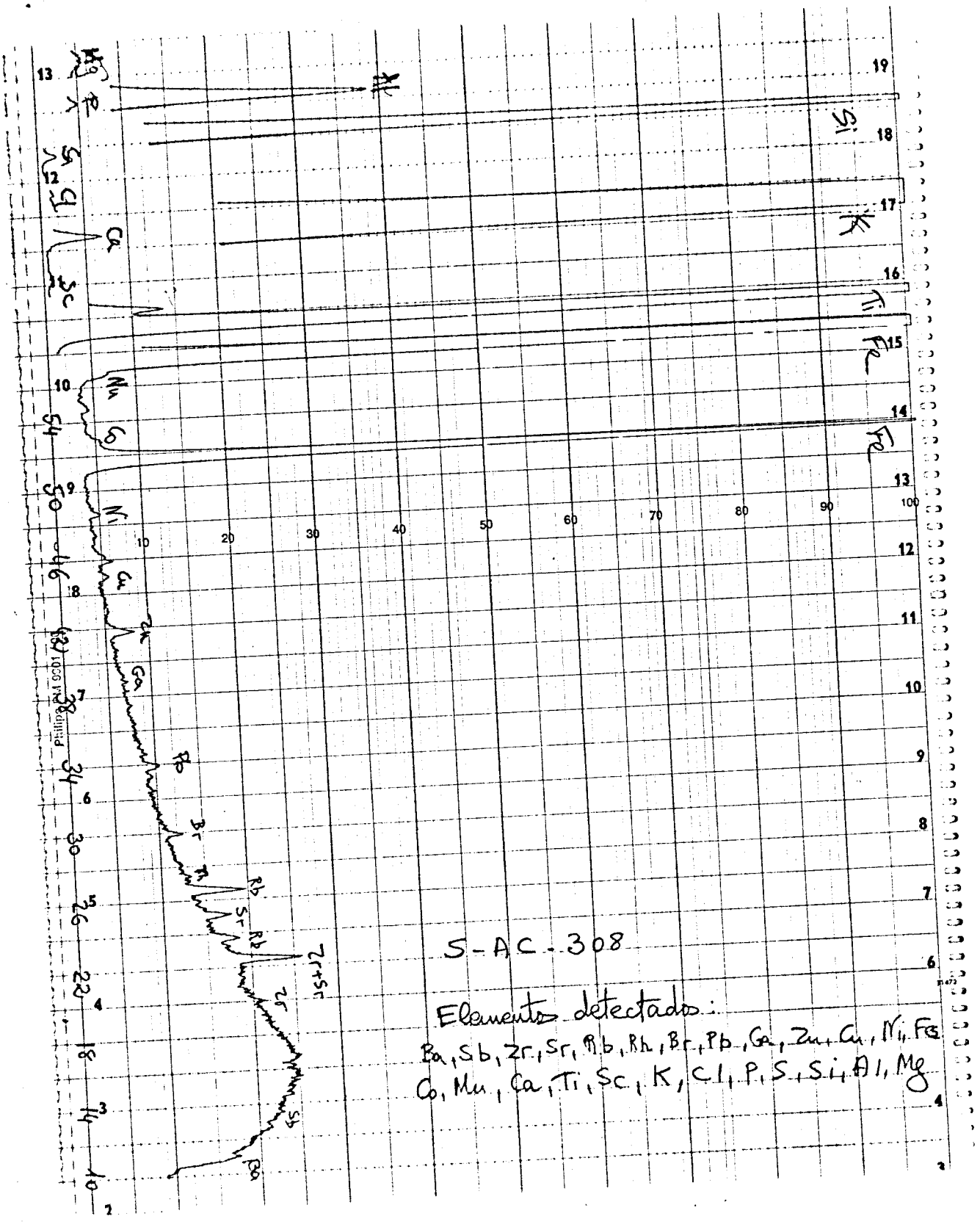


S-AC-307

Elementos detectados:

Ba, Zr, Nb, Sr, Rb, V, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co

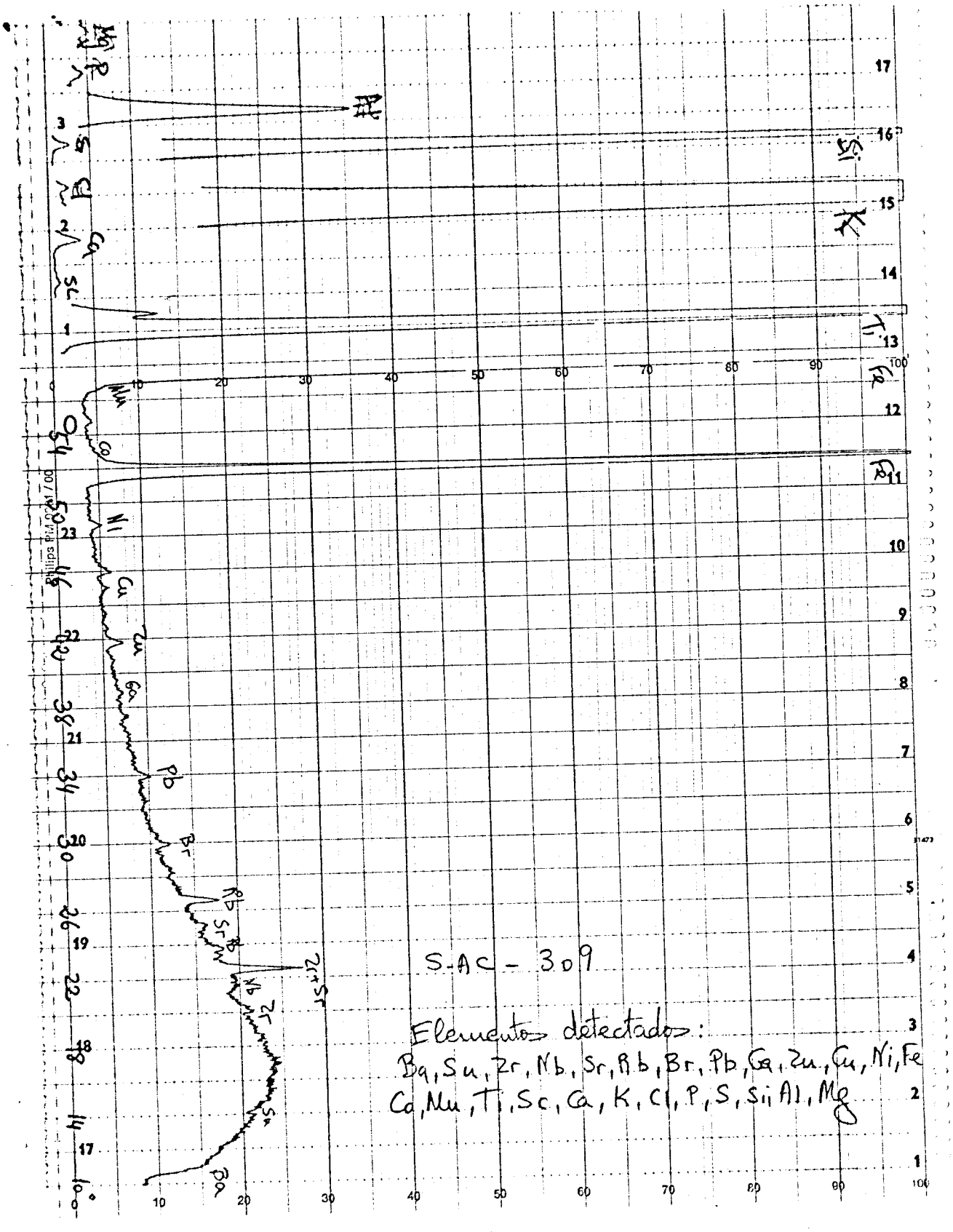
Mn, Ti, Sc, Ca, K, Cl, S, Si, P, Al, Mg

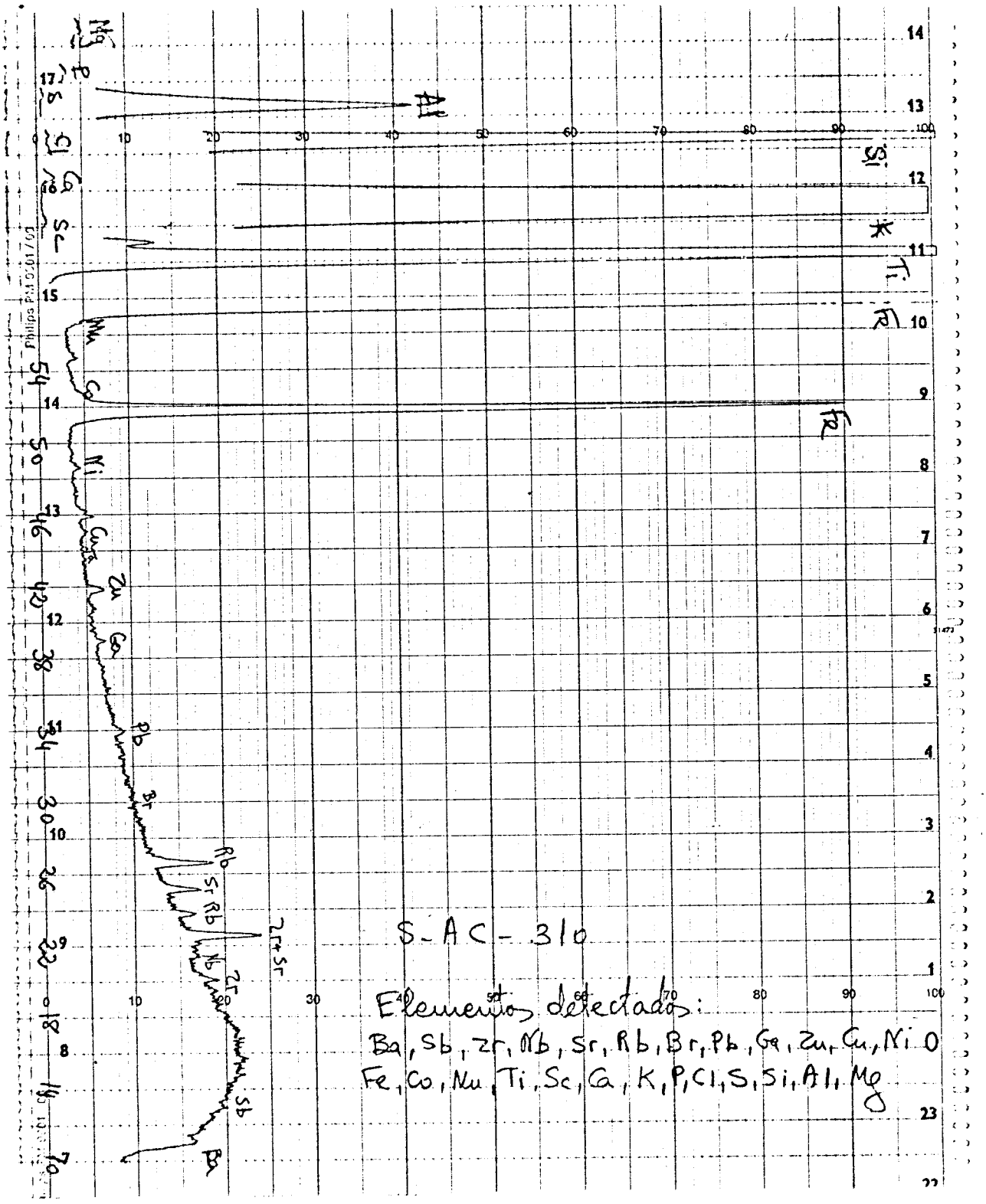


S-AC-308

Elementos detectados:

Ba, Sb, Zr, Sr, Rb, Rh, Br, Pb, Ga, Zn, Cu, Ni, Fe
Co, Mn, Ca, Ti, Sc, K, Cl, P, S, Si, Al, Mg


Mg P
Al
Si
S
Cl
K
Ca
Sc
Ti
Fe
Co
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Zr+Sr
Nb
Zr
Sn
Ba
S-AC - 309
Elementos detectados:
Ba, Sn, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe
Ca, Mn, Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg

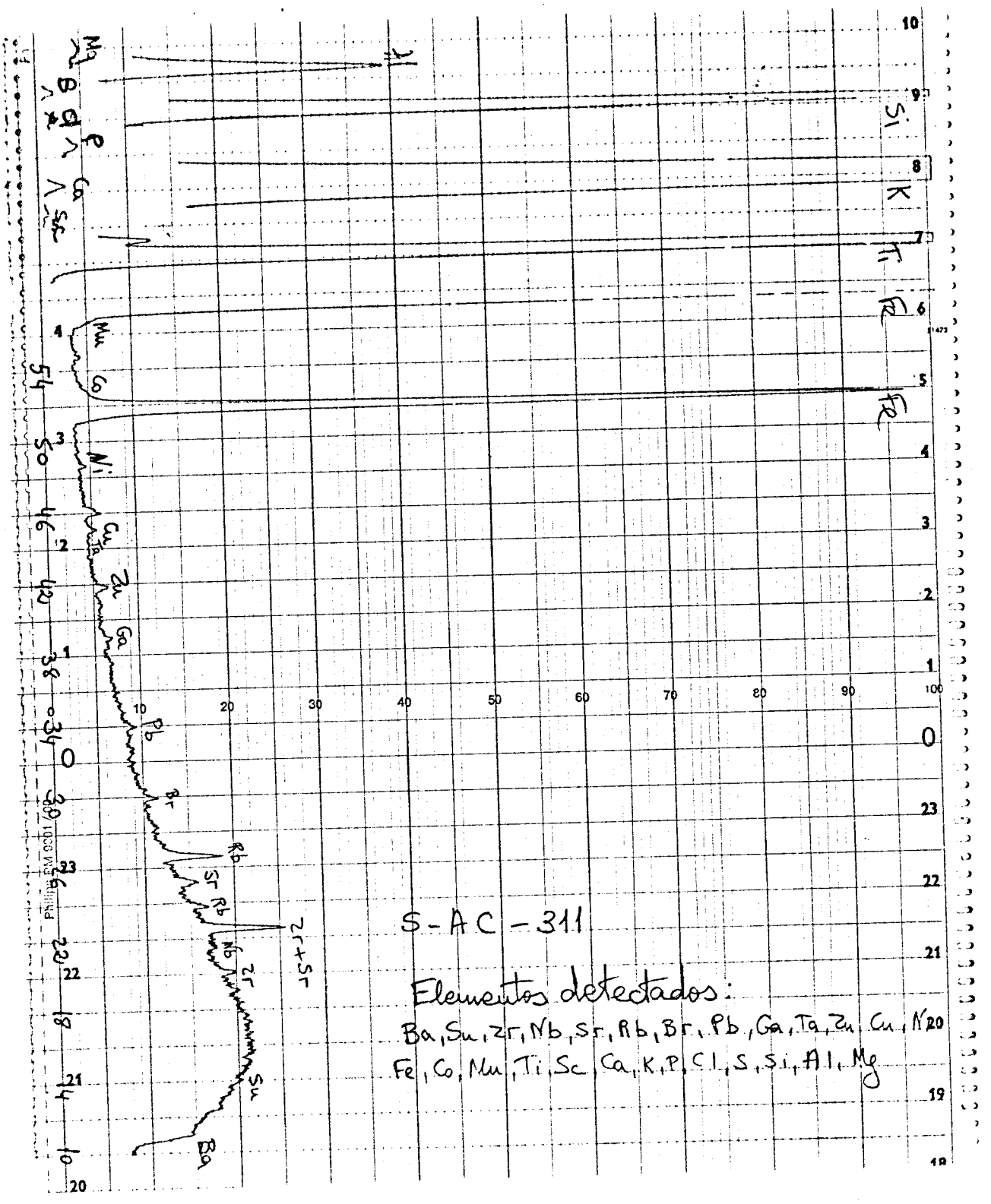


S-AC-310

Elementos detectados:

Ba, Sb, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, O

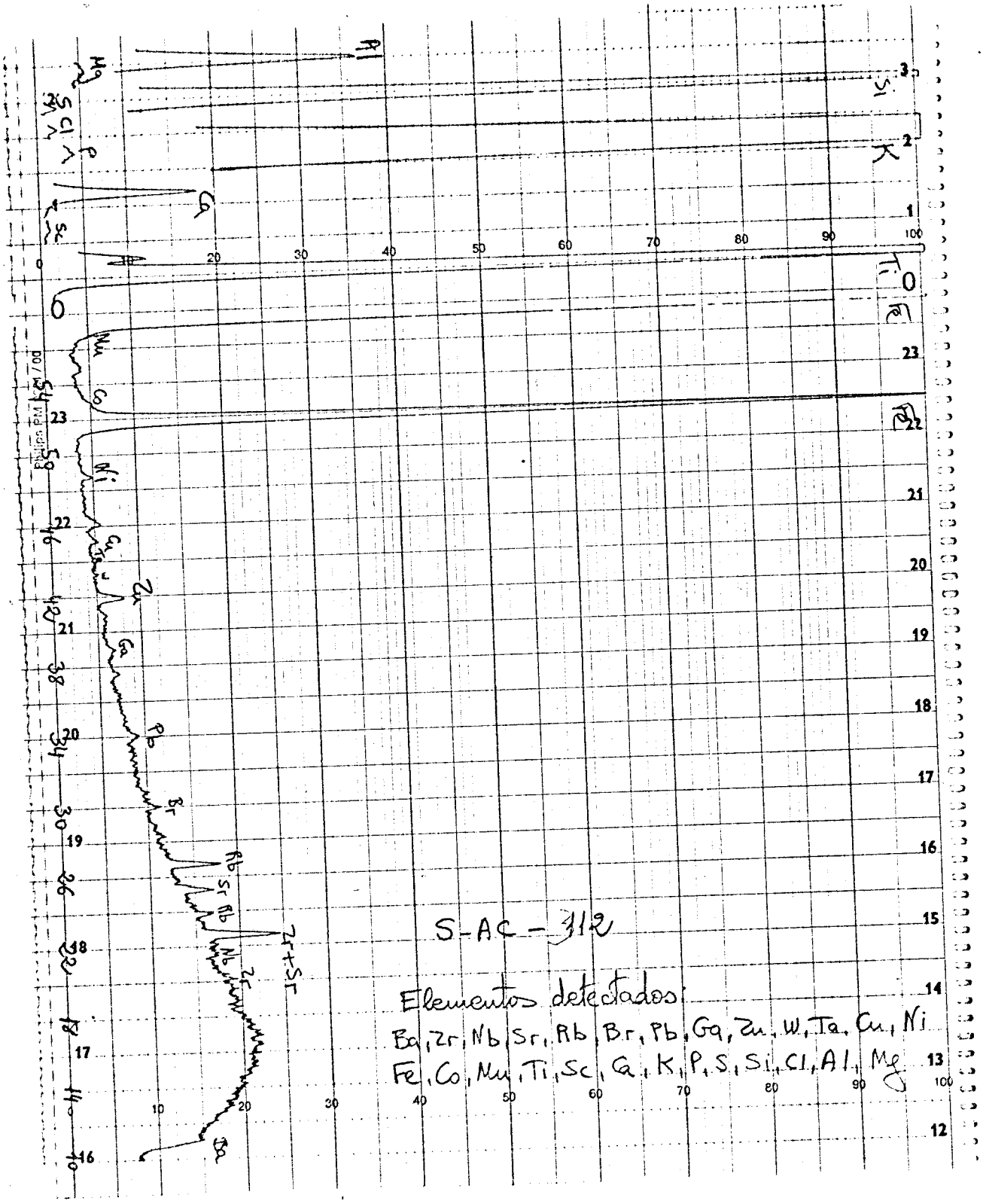
Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

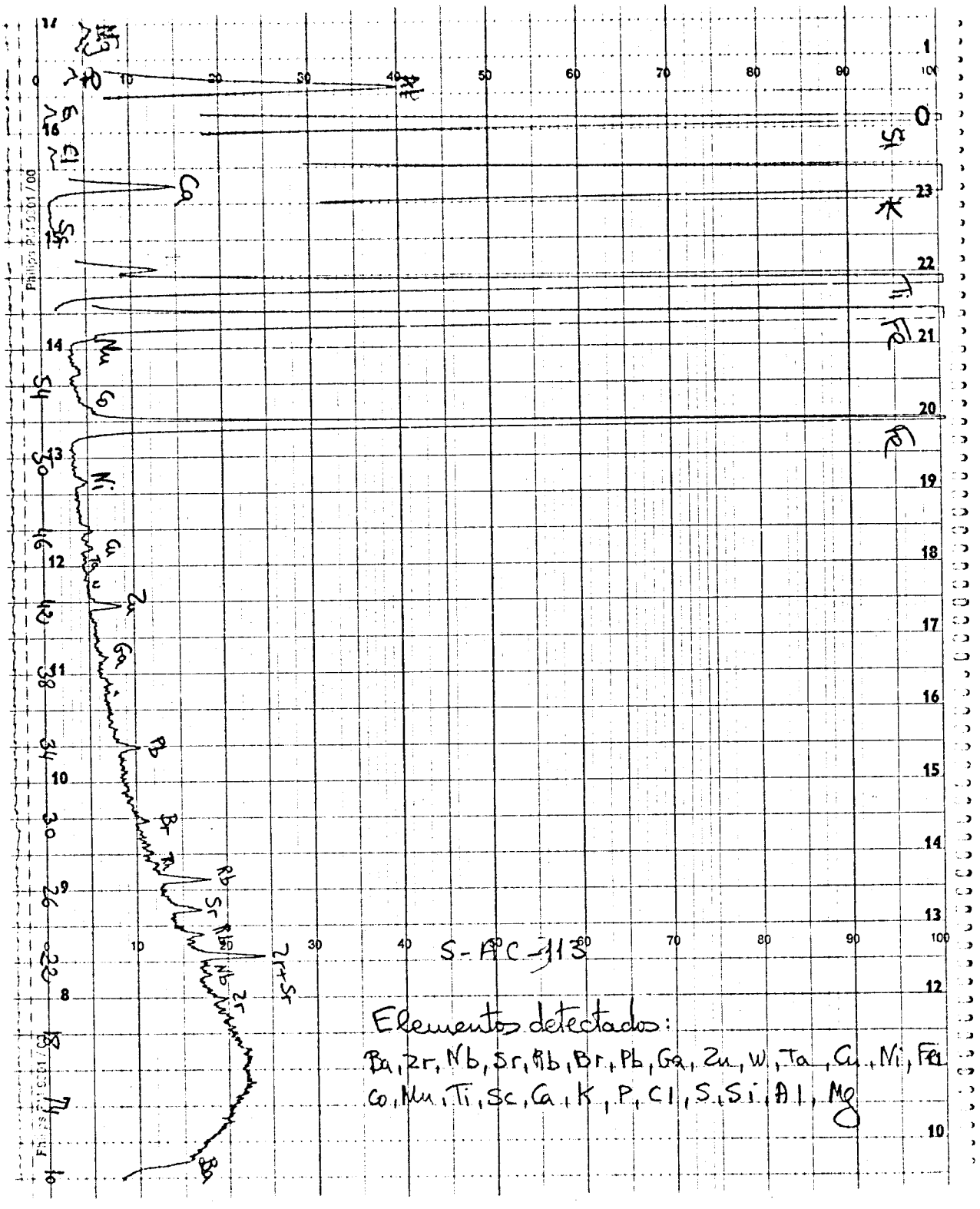


S-AC-311

Elementos detectados:

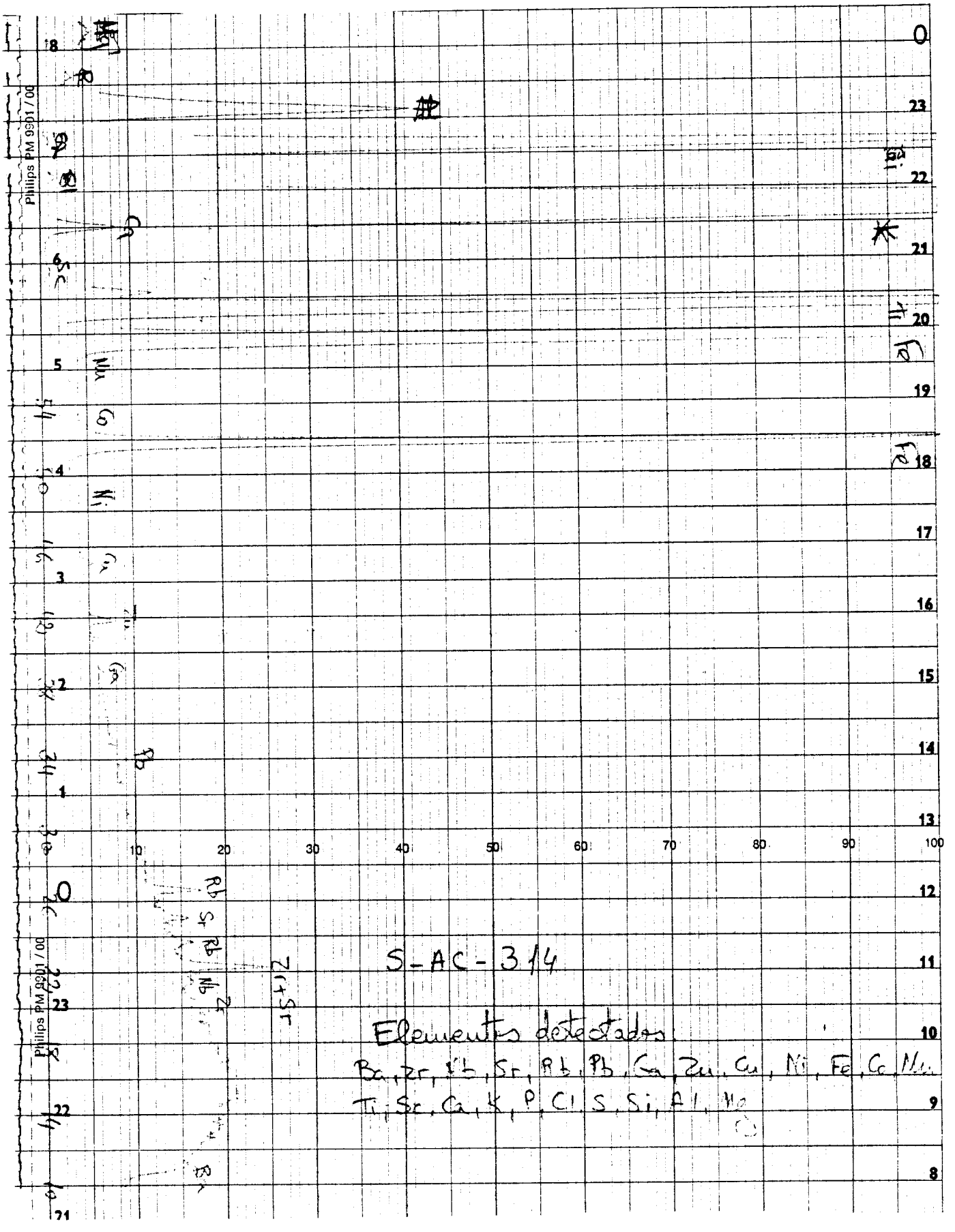
Ba, Su, Zr, Nb, Sr, Rb, Br, Pb, Ga, Ta, Zn, Cu, Ni
Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


S-AC-312
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, W, Ta, Cu, Ni
Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Cl, Al, Mg



Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, W, Ta, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


Philips PM 9901/00
Philips PM 9901/00
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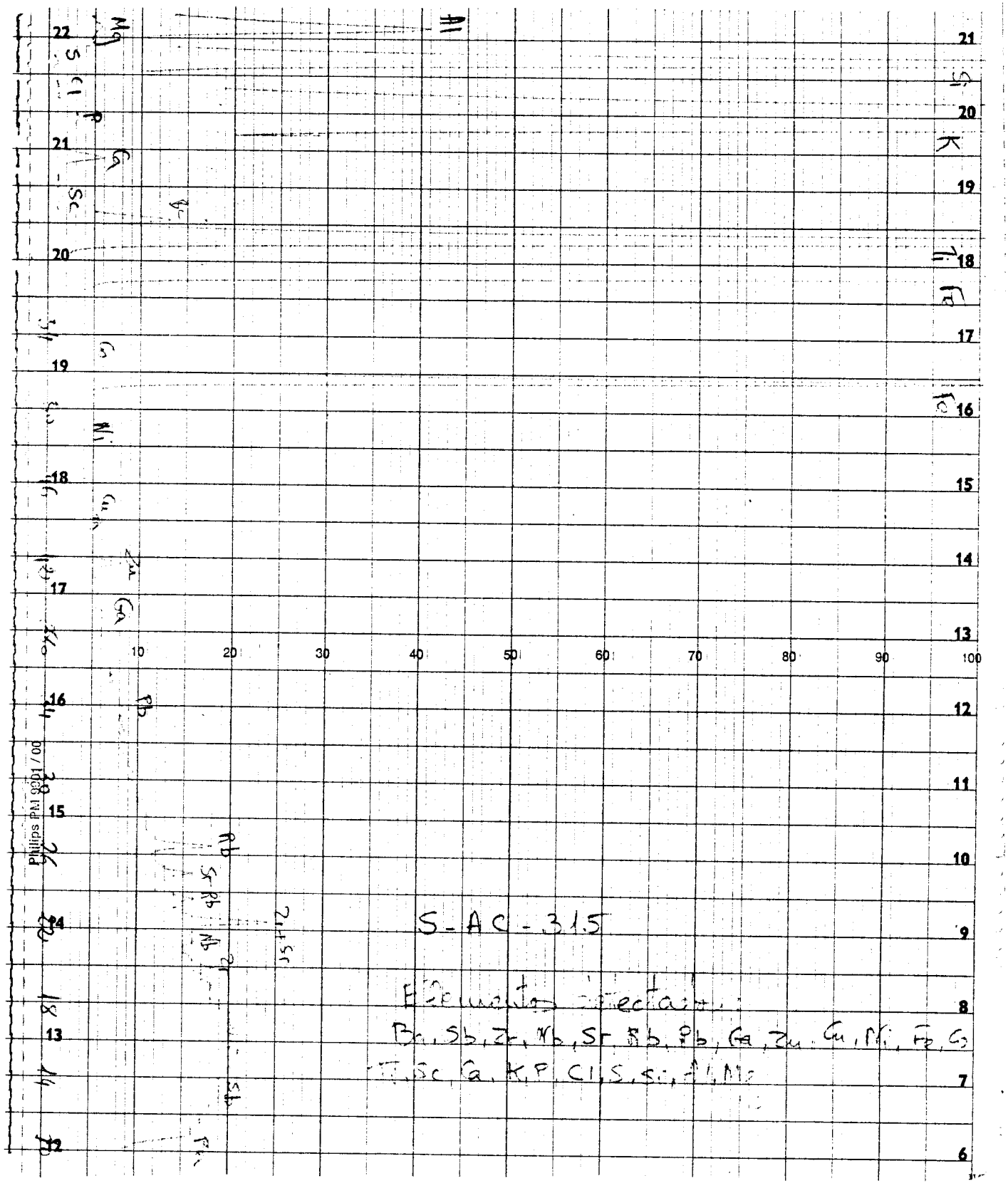
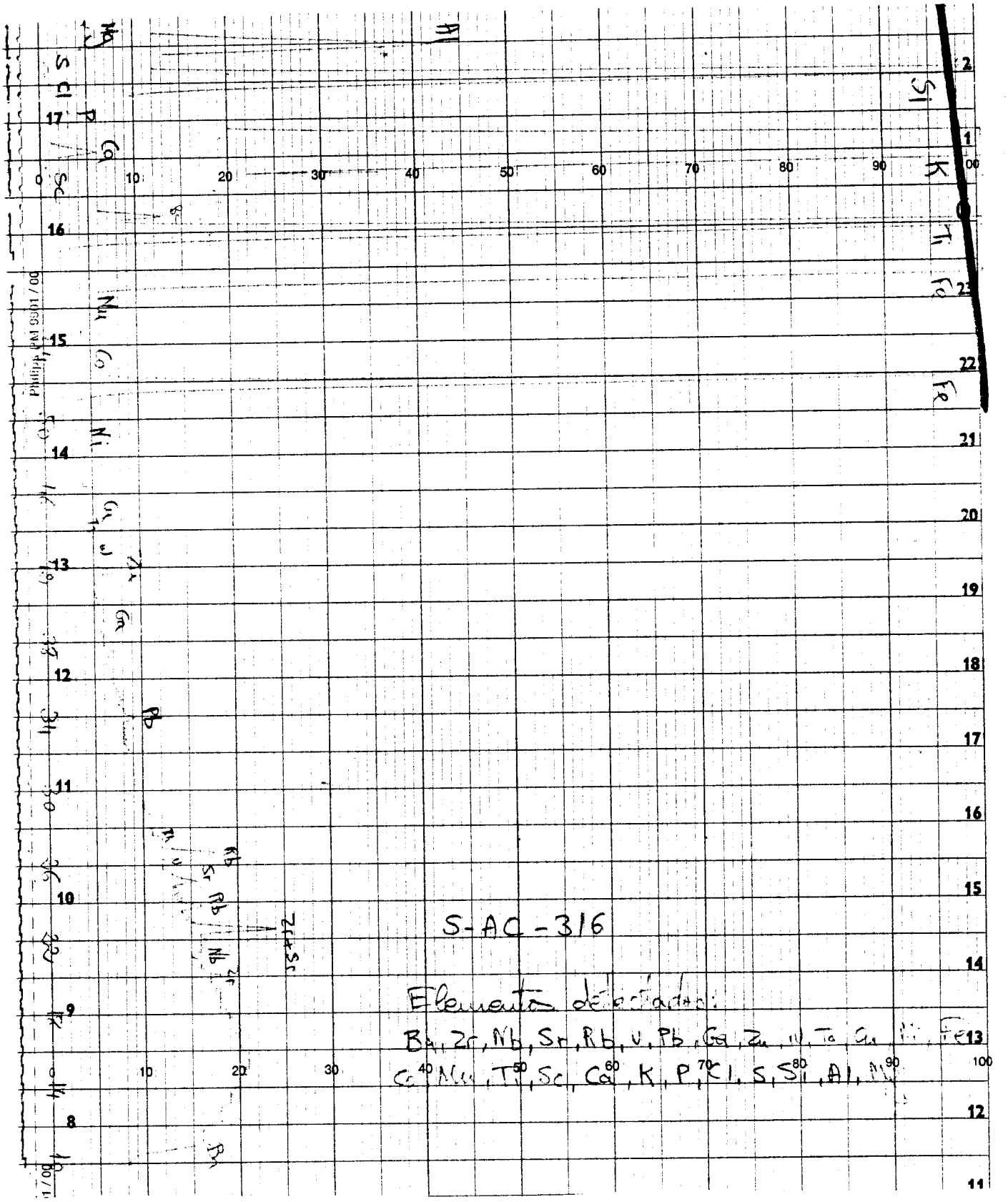
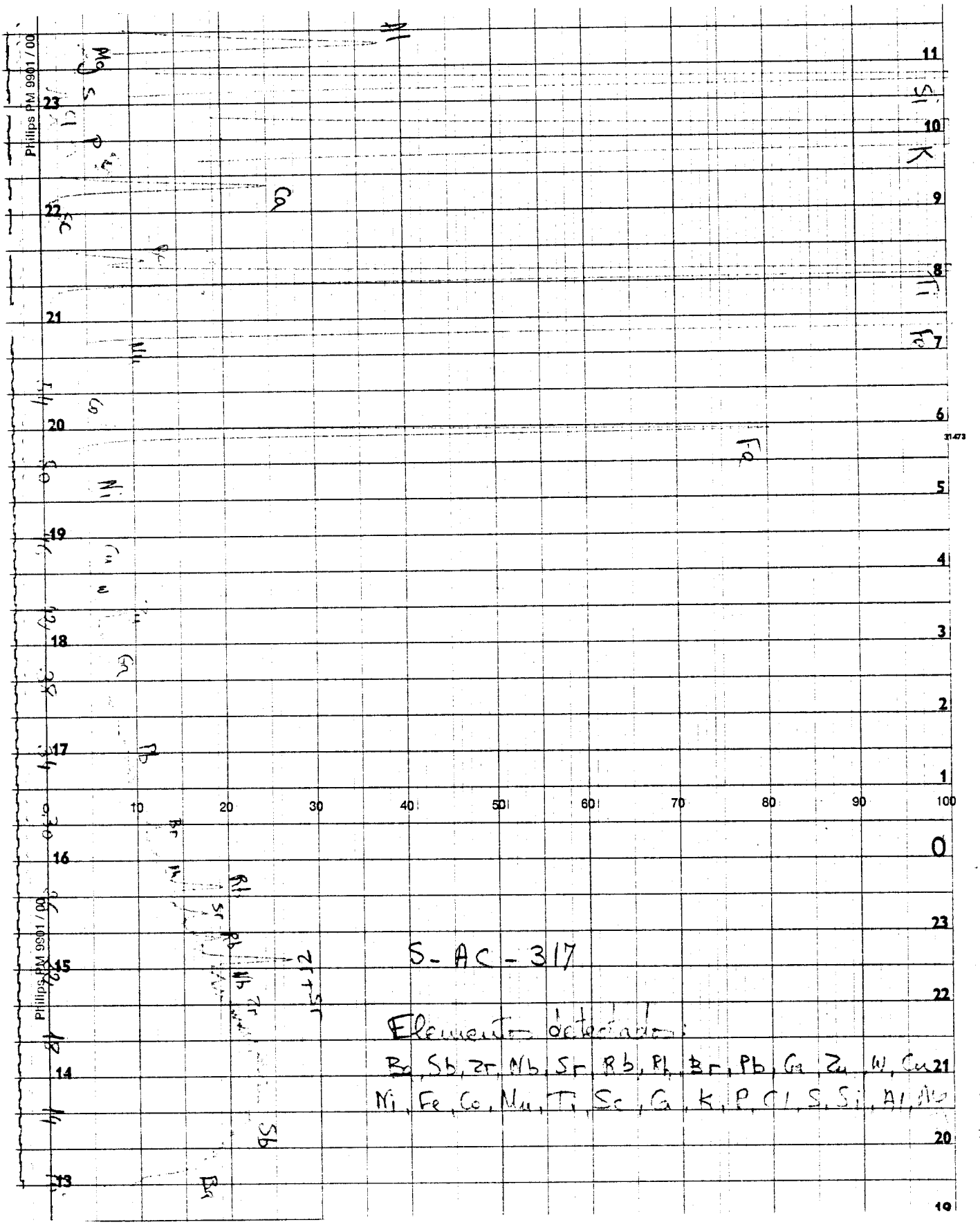
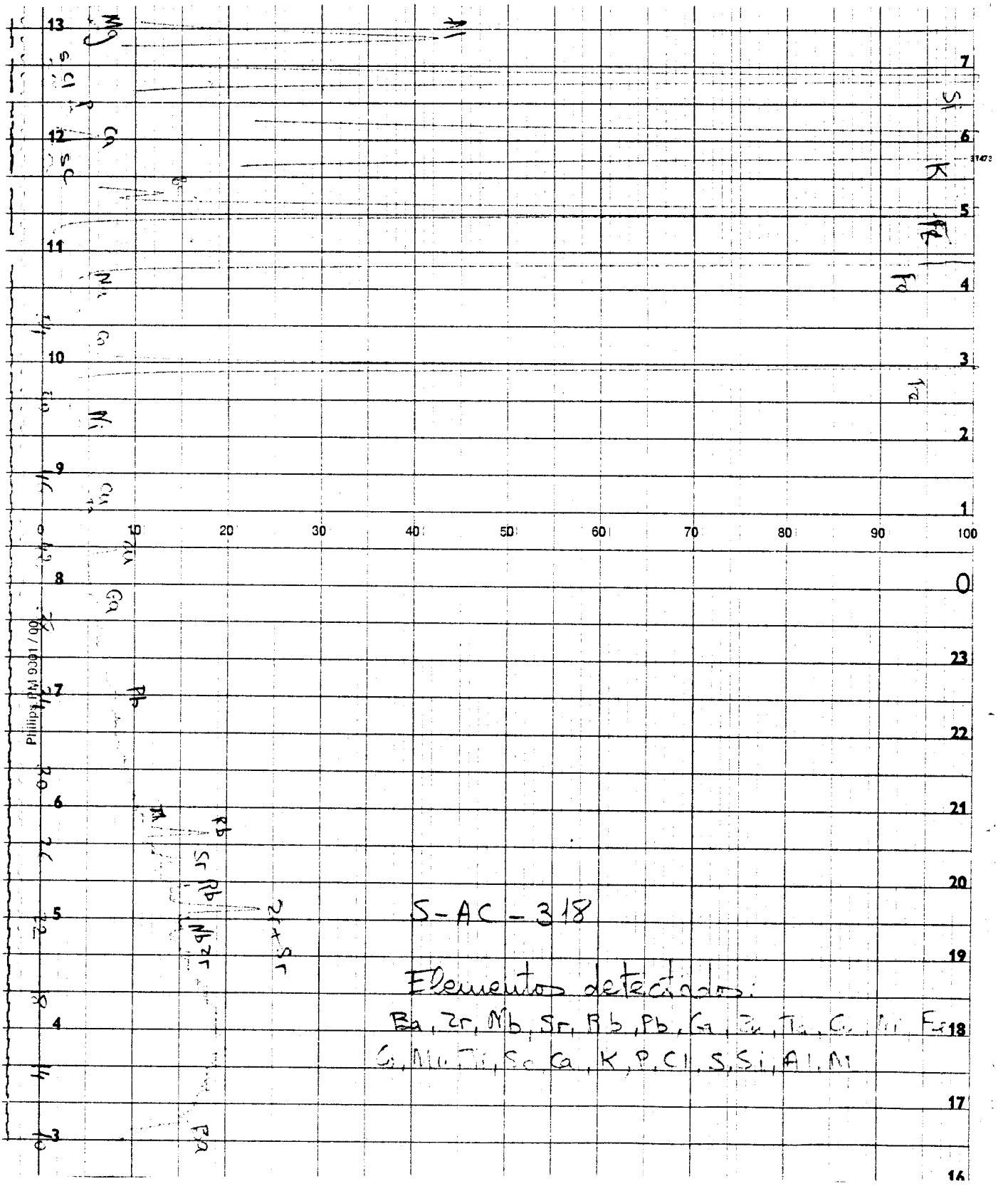
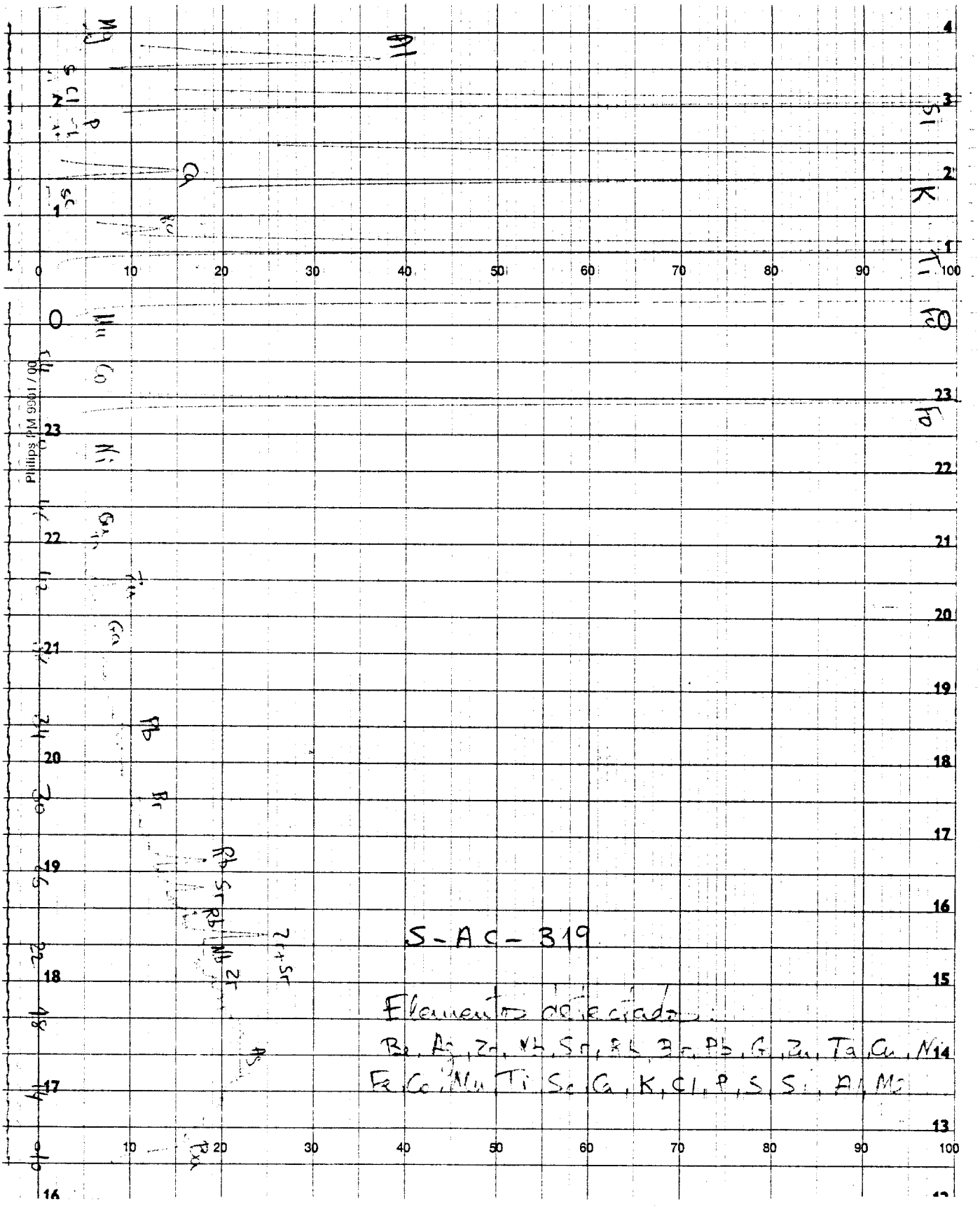
S-AC-314
Elementos detectados
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sr, Ca, K, P, Cl, S, Si, Al, Mg

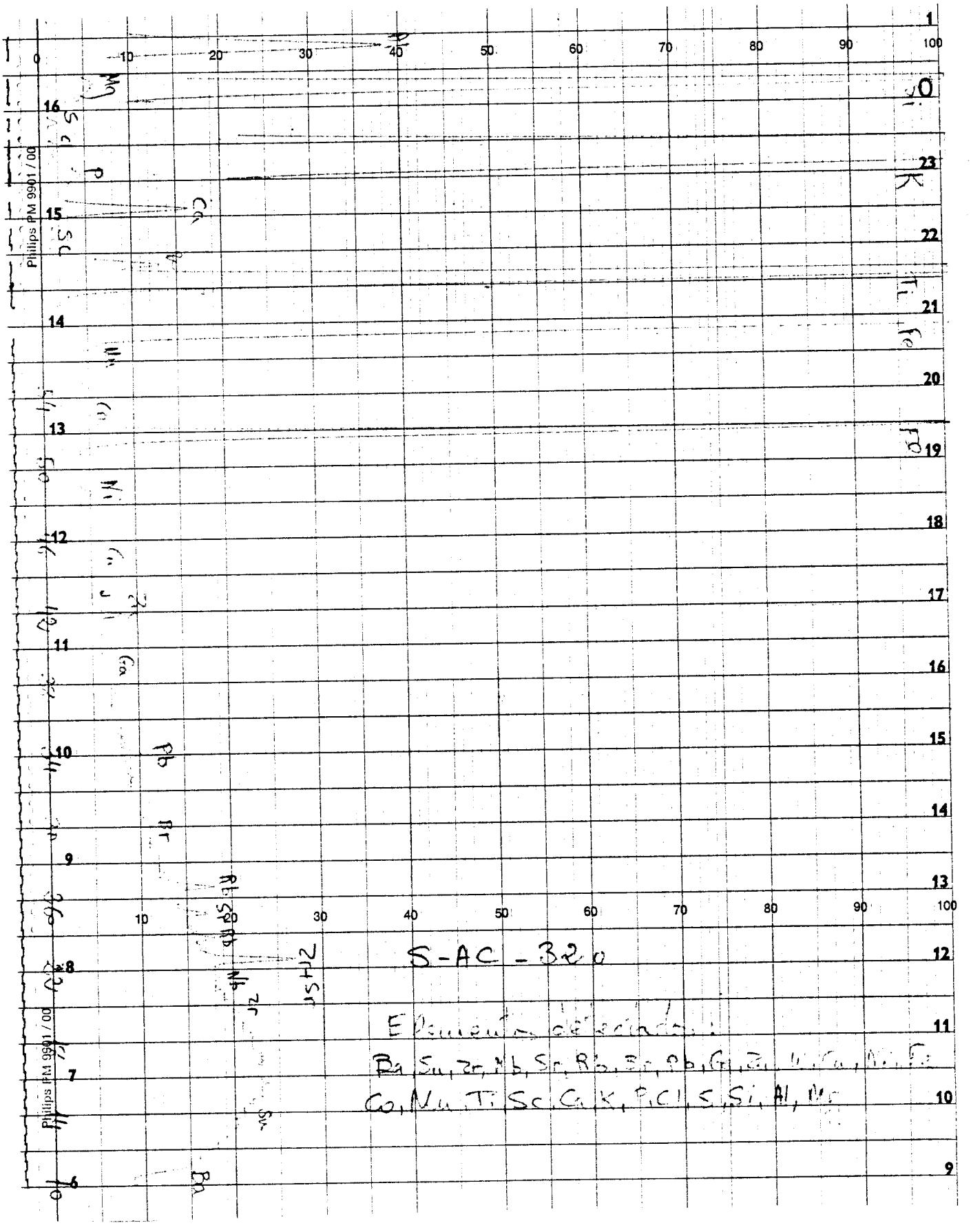

S-AC-315
Elementi rilevati:
Ba, Sb, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Cr
Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg
Philips PW1480 01 / 00

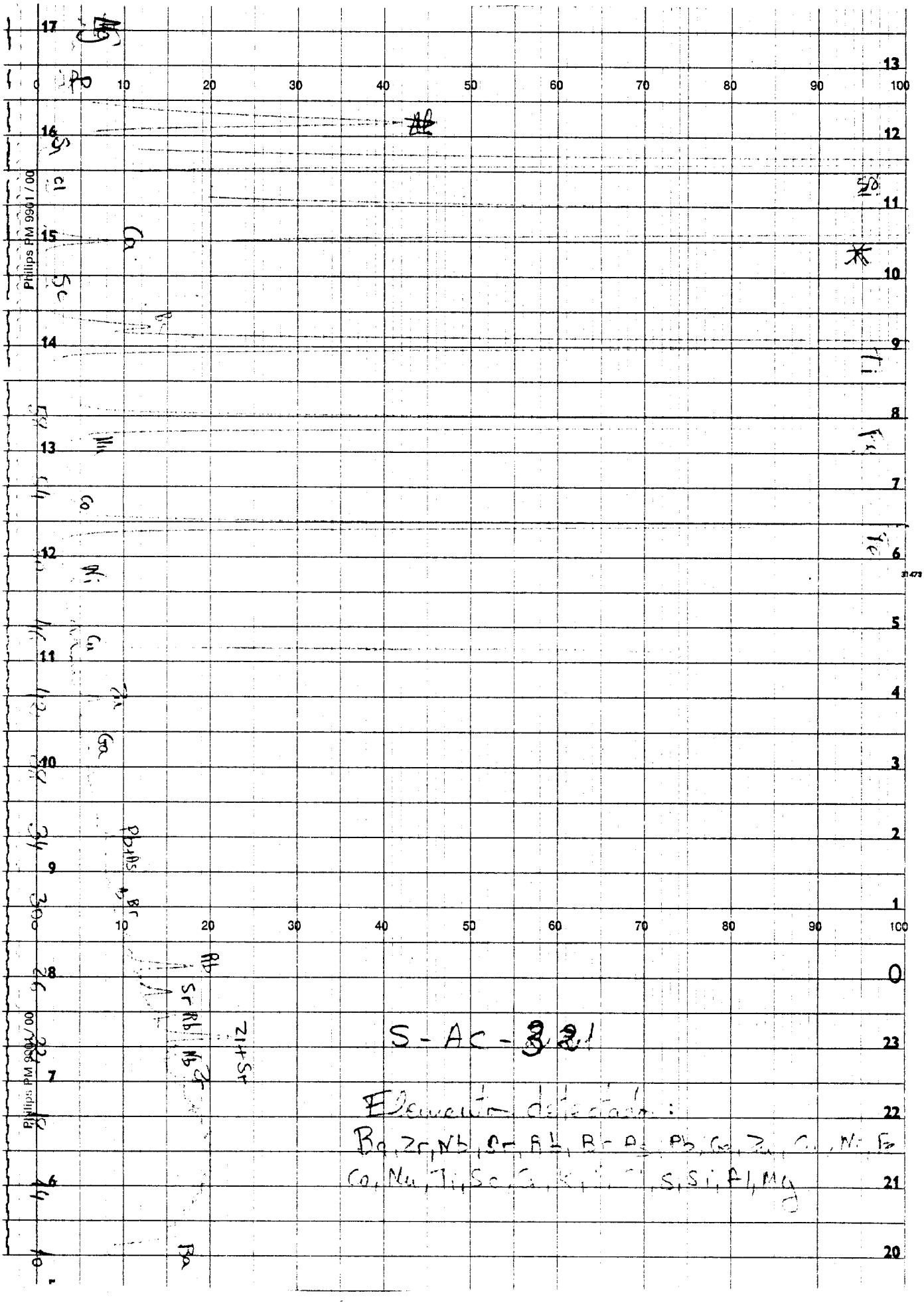

S-AC-316
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, V, Pb, Ga, Zn, U, Th, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

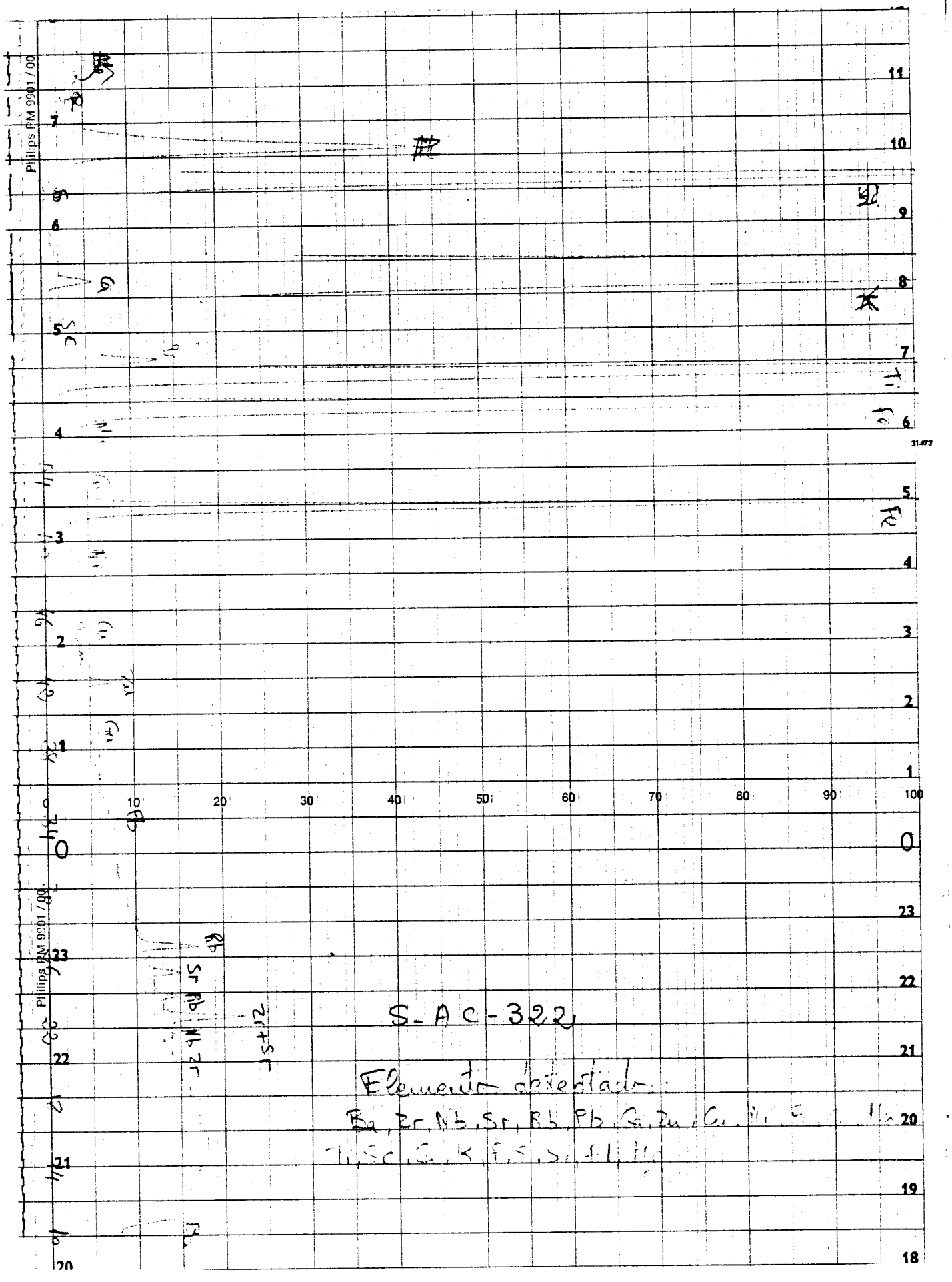

Philips PM 9901 / 00
Philips PM 9901 / 00
S-AC-317
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Pt, Br, Pb, Ga, Zn, W, Cu
Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


S-AC-318
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Ti, Cu, Ni, Fe
Cr, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg
Philips PM 9301 / 00


S-AC-319
Elementos identificados:
Be, Ag, Zn, V, Sn, Rb, Zr, Pb, Ga, Zn, Ta, Cu, Ni
Fe, Co, Mn, Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg
Philips PM 9901 / 00


Philips PM 9901 / 00
S-AC-320
Elementos detectados:
Ba, Sn, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, W, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


S-AC-321
Elements detected:
Ba, Zr, Nb, Cr, Al, Rb, Pb, Co, Zn, Cu, Mn, Fe
Co, Ni, Ti, Sc, Ca, K, S, Si, Al, Mg
Philips PM 9901/00
Philips PM 9901/00


Phillips PM 9901 / 00
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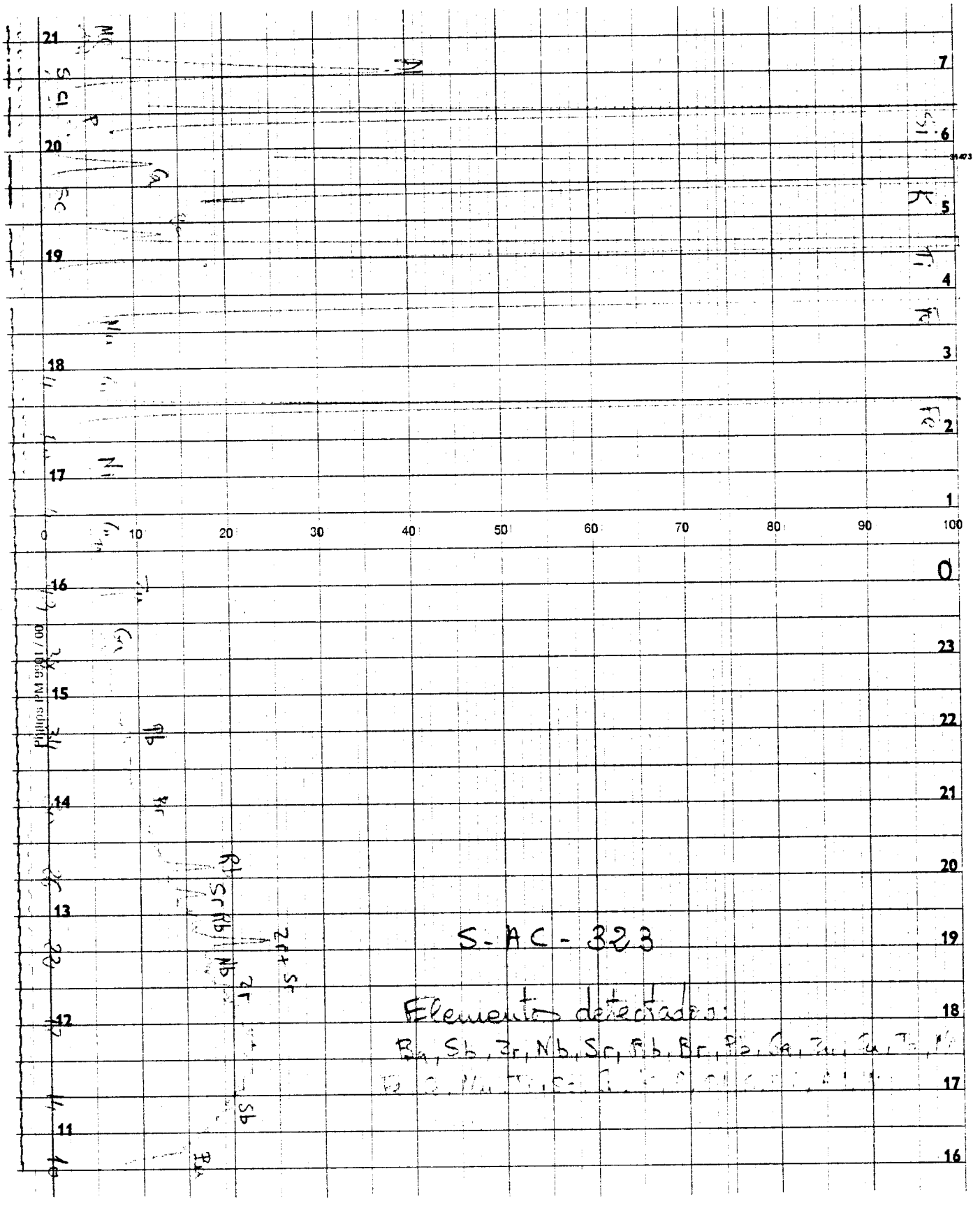
100
Sr
Rb
Nb
Zr
Zr+Sr
Ba
Fe
Ti
Sc
Ca
K
S-AC-322
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ca, Zn, Cu, Ni, Fe, Mn
Ti, Sc, Ca, K, P, S, Si, Al, Mg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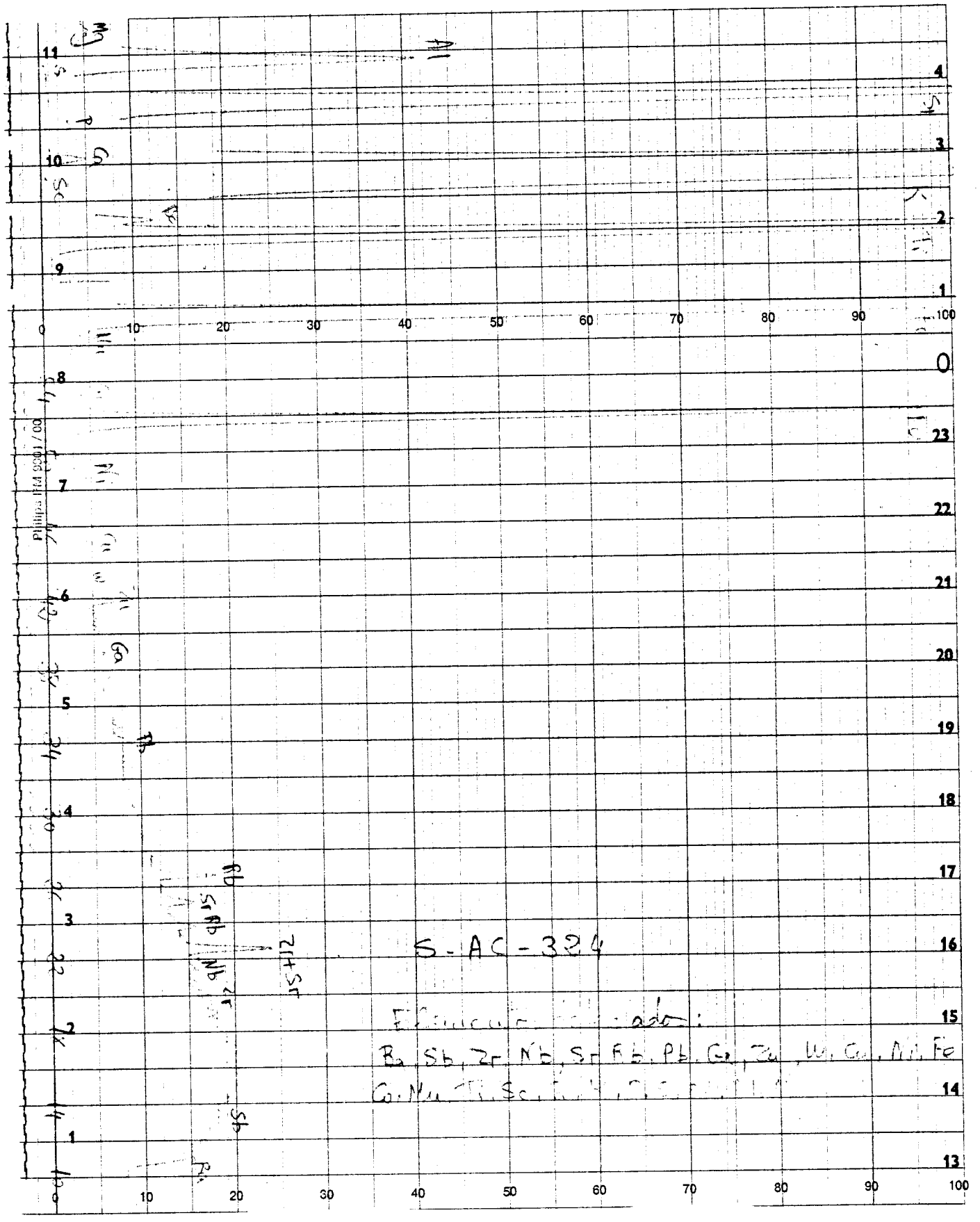
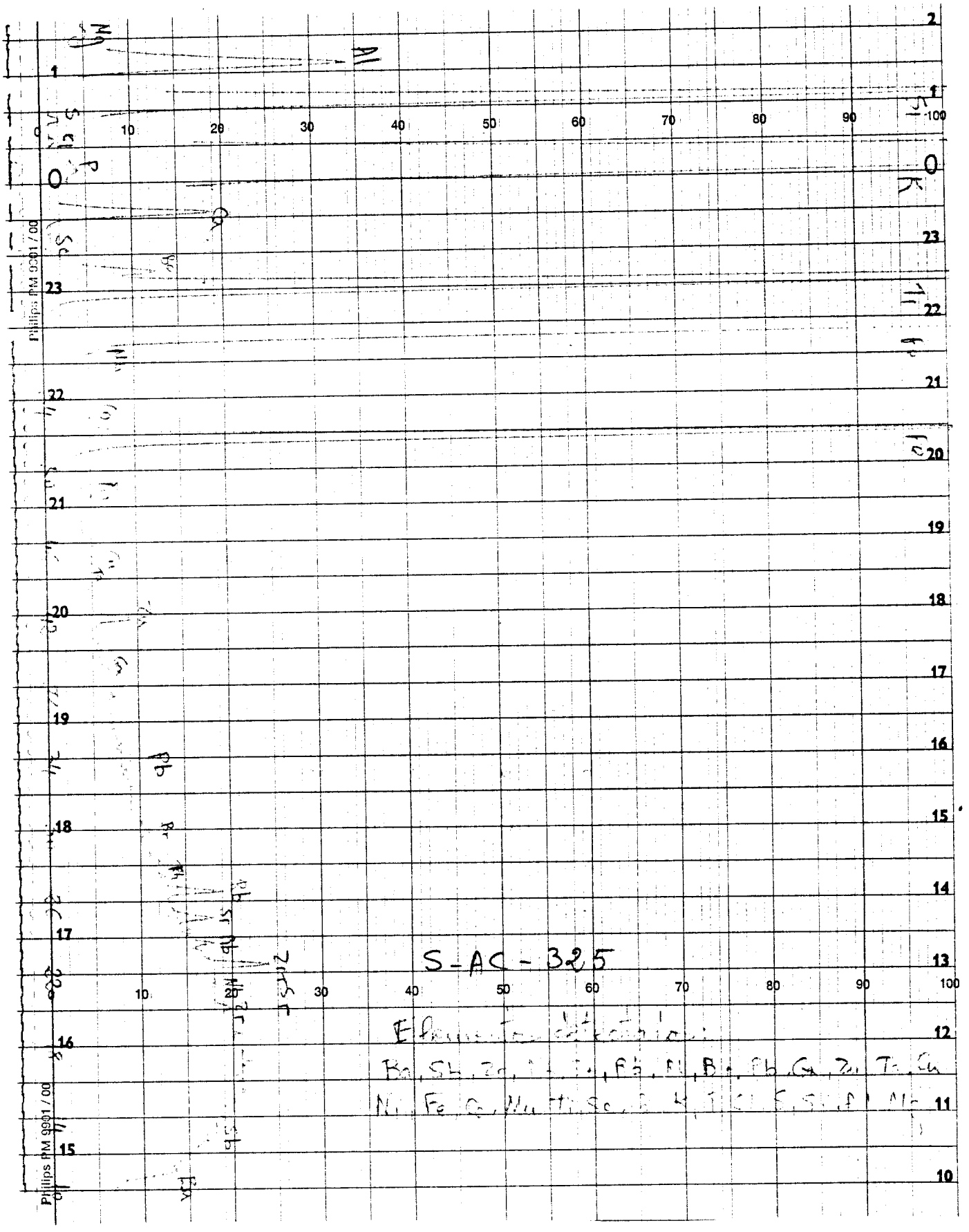
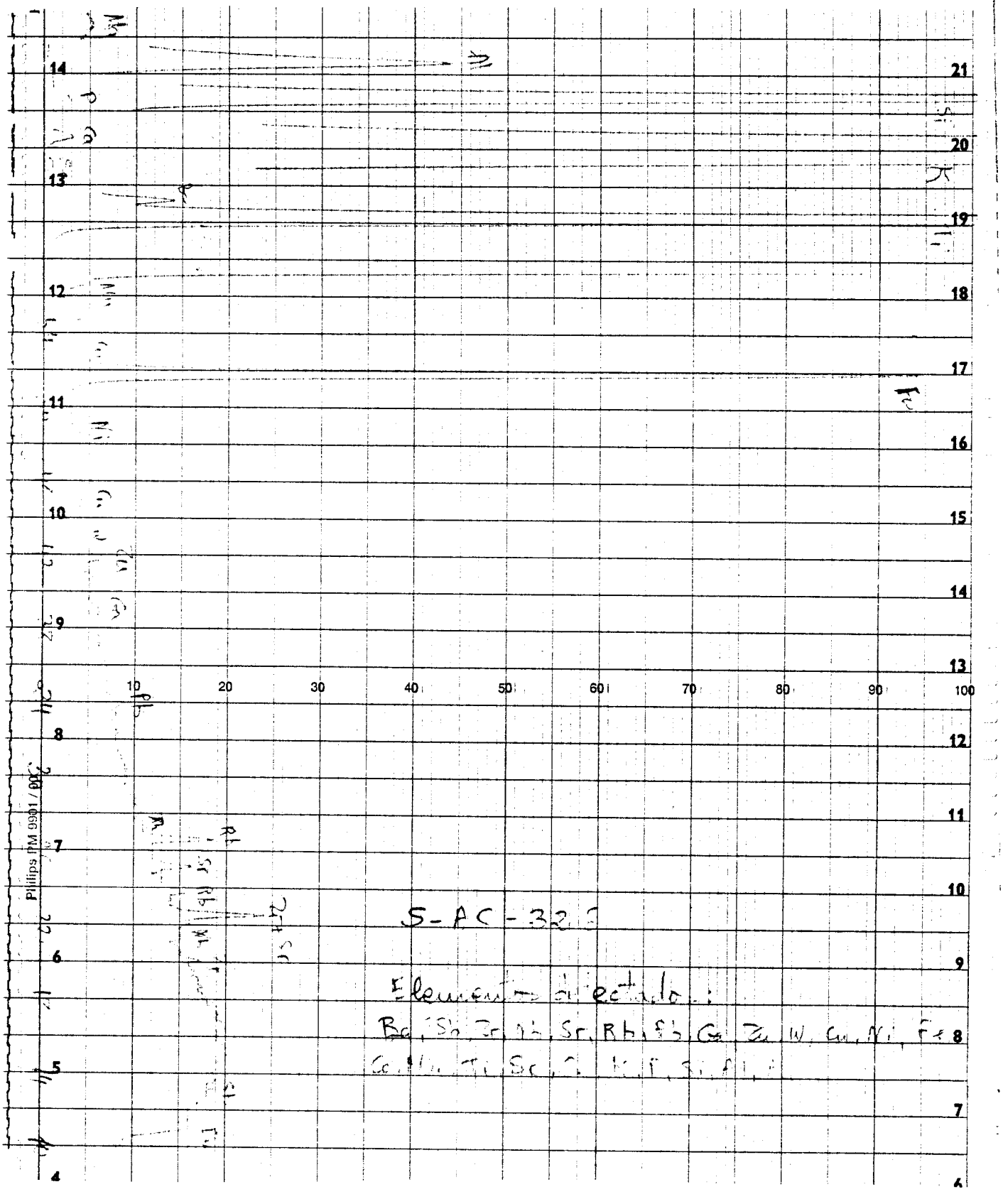
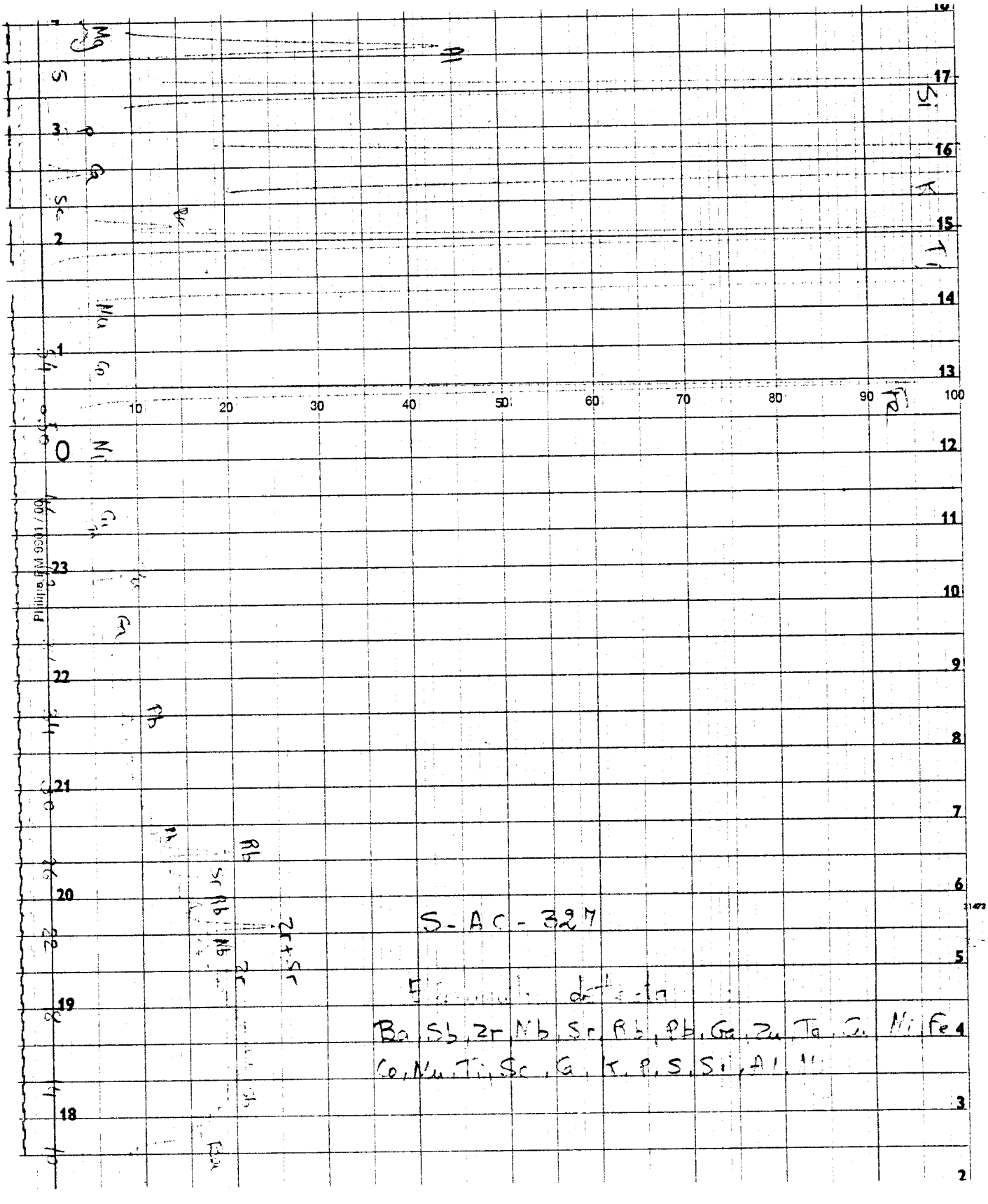
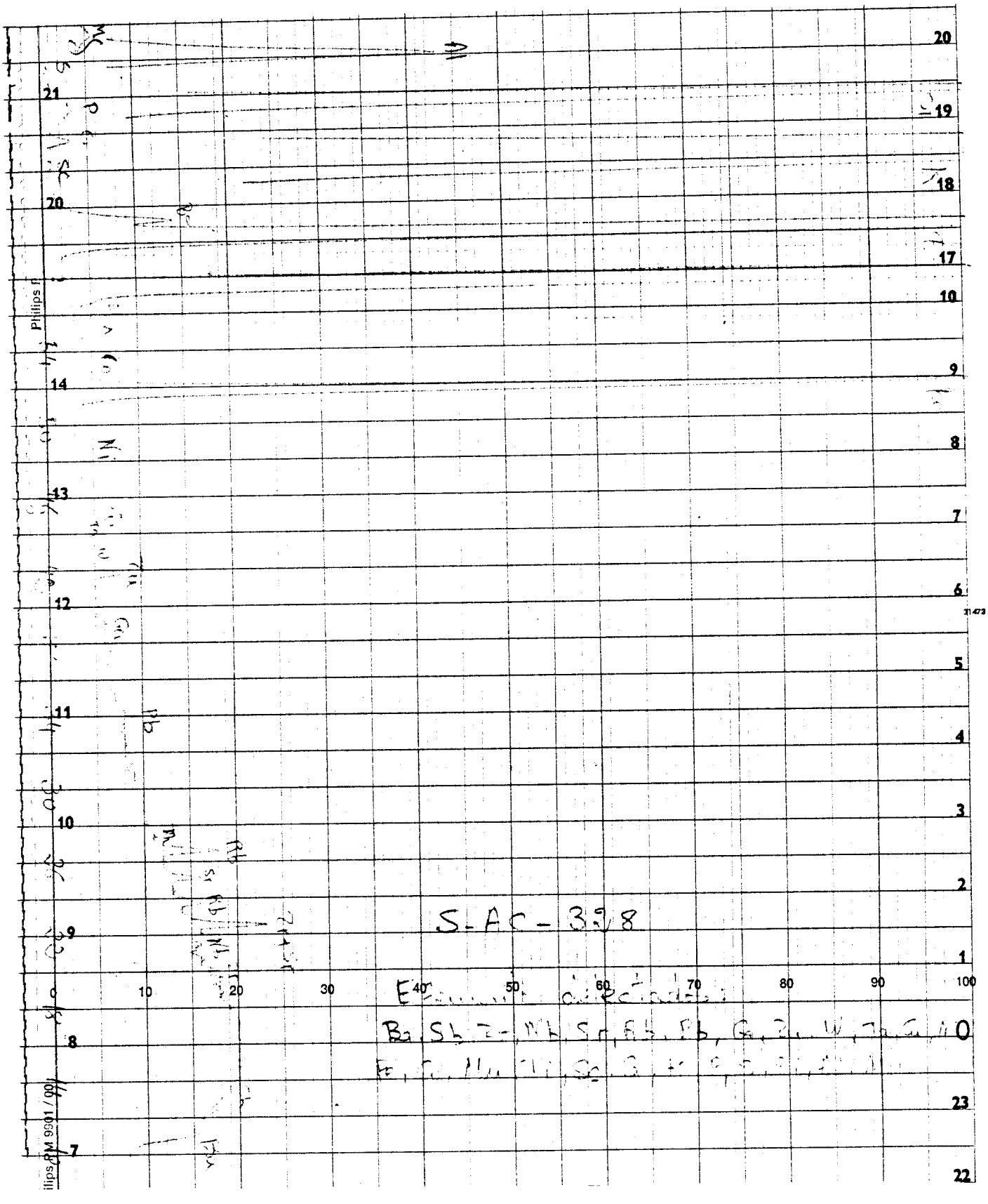
50
60
70
80
90
100
Ni
Sc
Ga
Ni
Ni
Nb
Rb
Sr
Zr
Nb
Zr + Sr
Sb
Ba
Ba
Ba

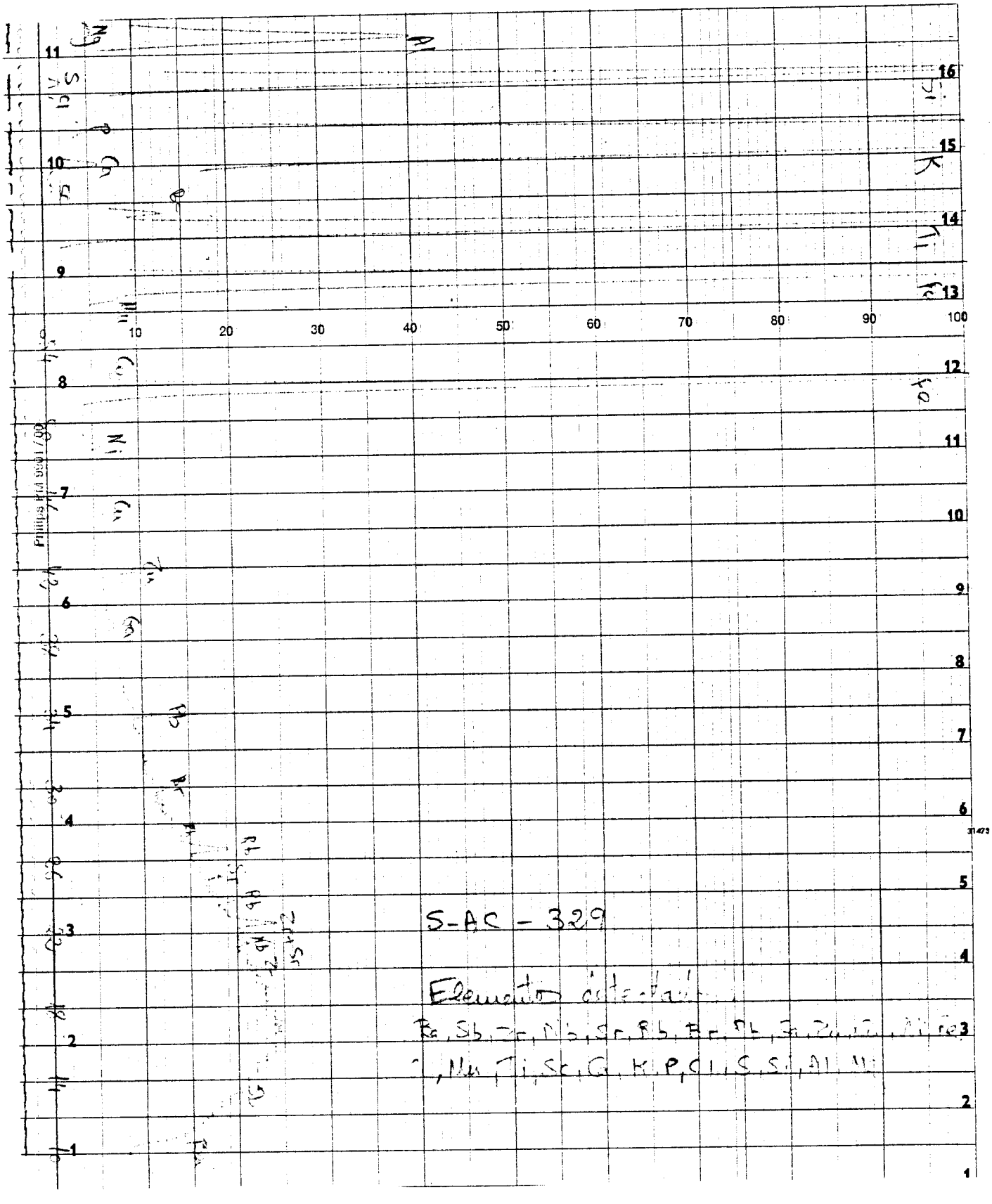

S-AC-324
Philips PM 9801/00

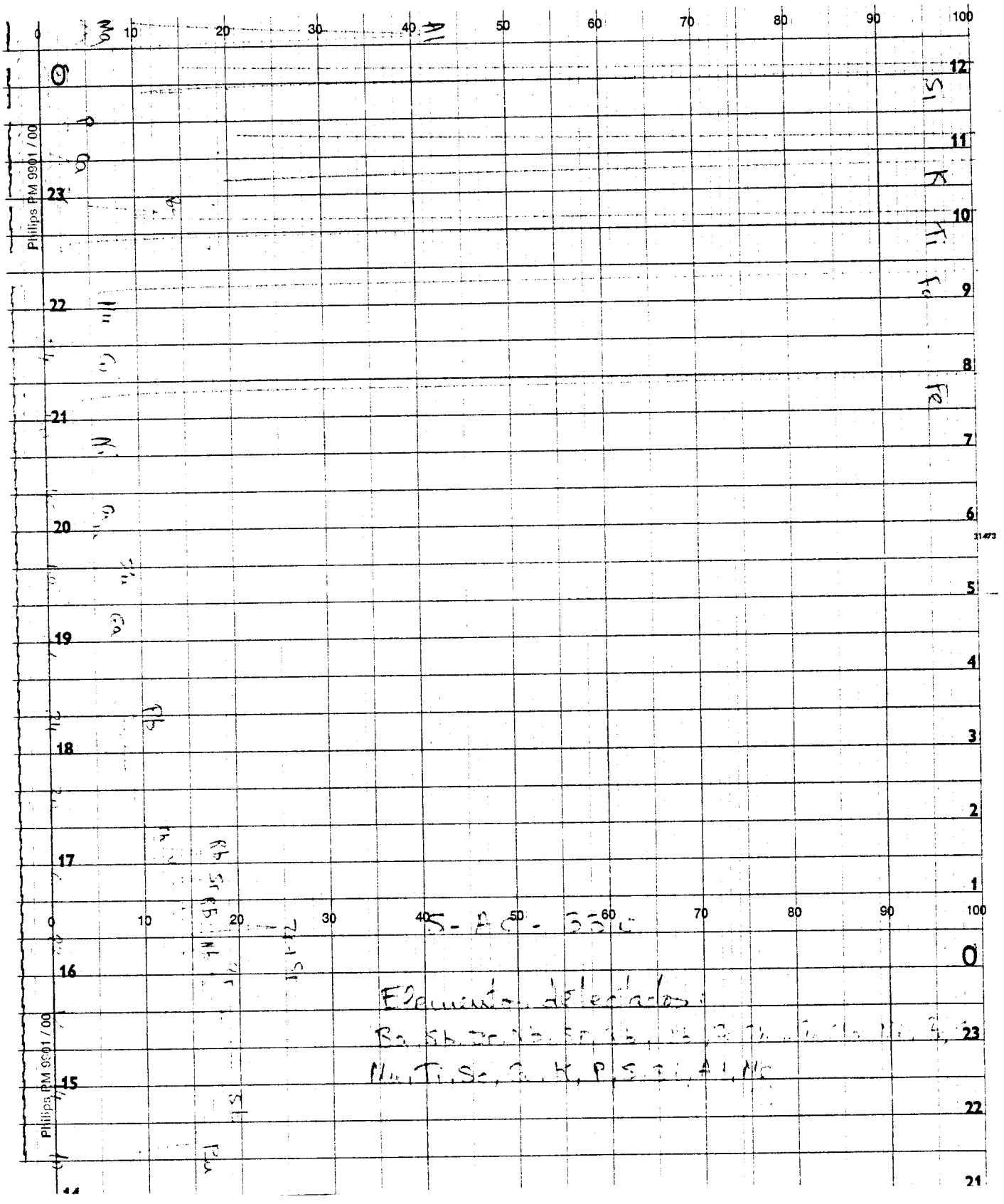

S-AC-325

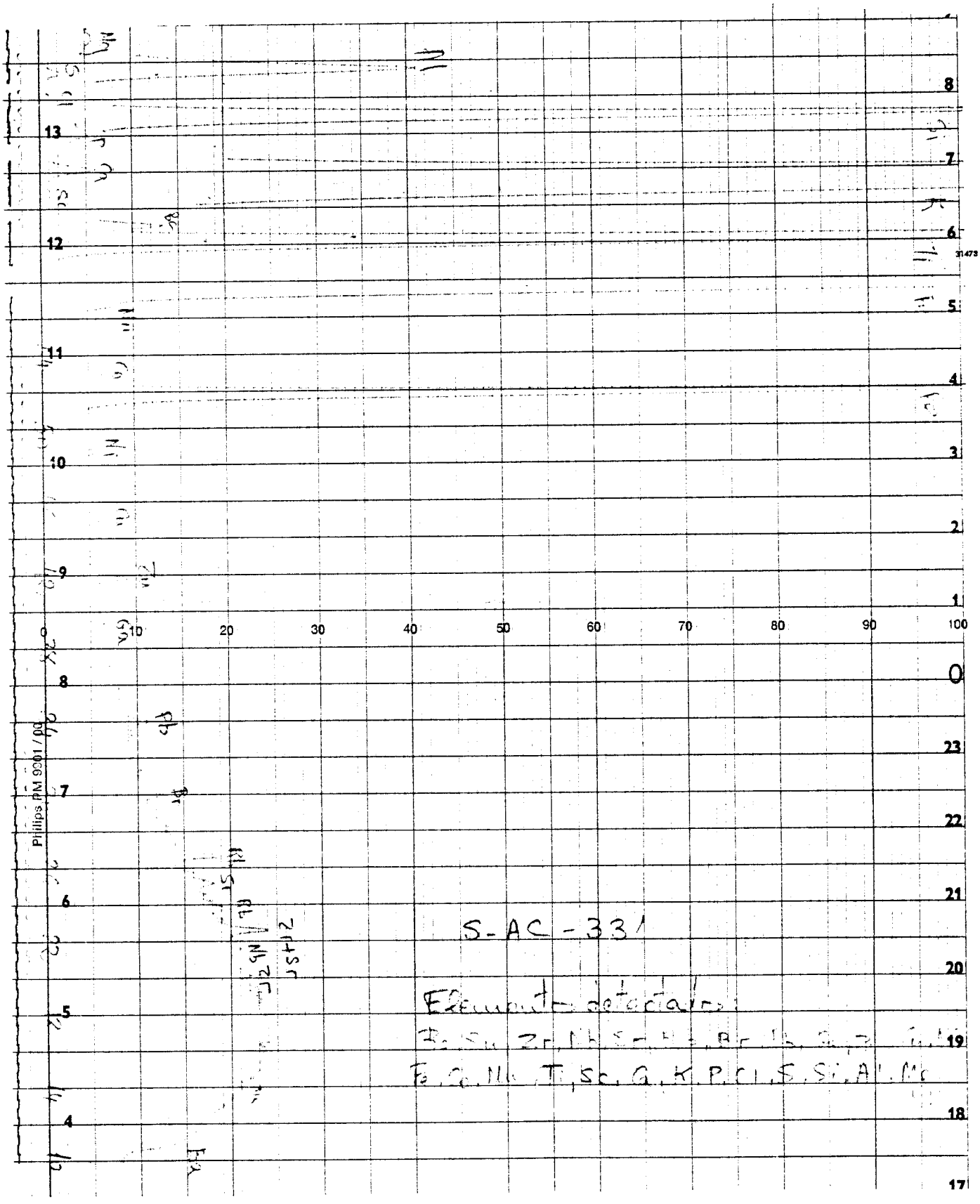

S-AC-32
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Pb, Ga, Zn, W, Cu, Ni, Fe
Co, Mn, Ti, Sc, Cr, K, P, Si, Al, A
Philips PM 9901 / 00

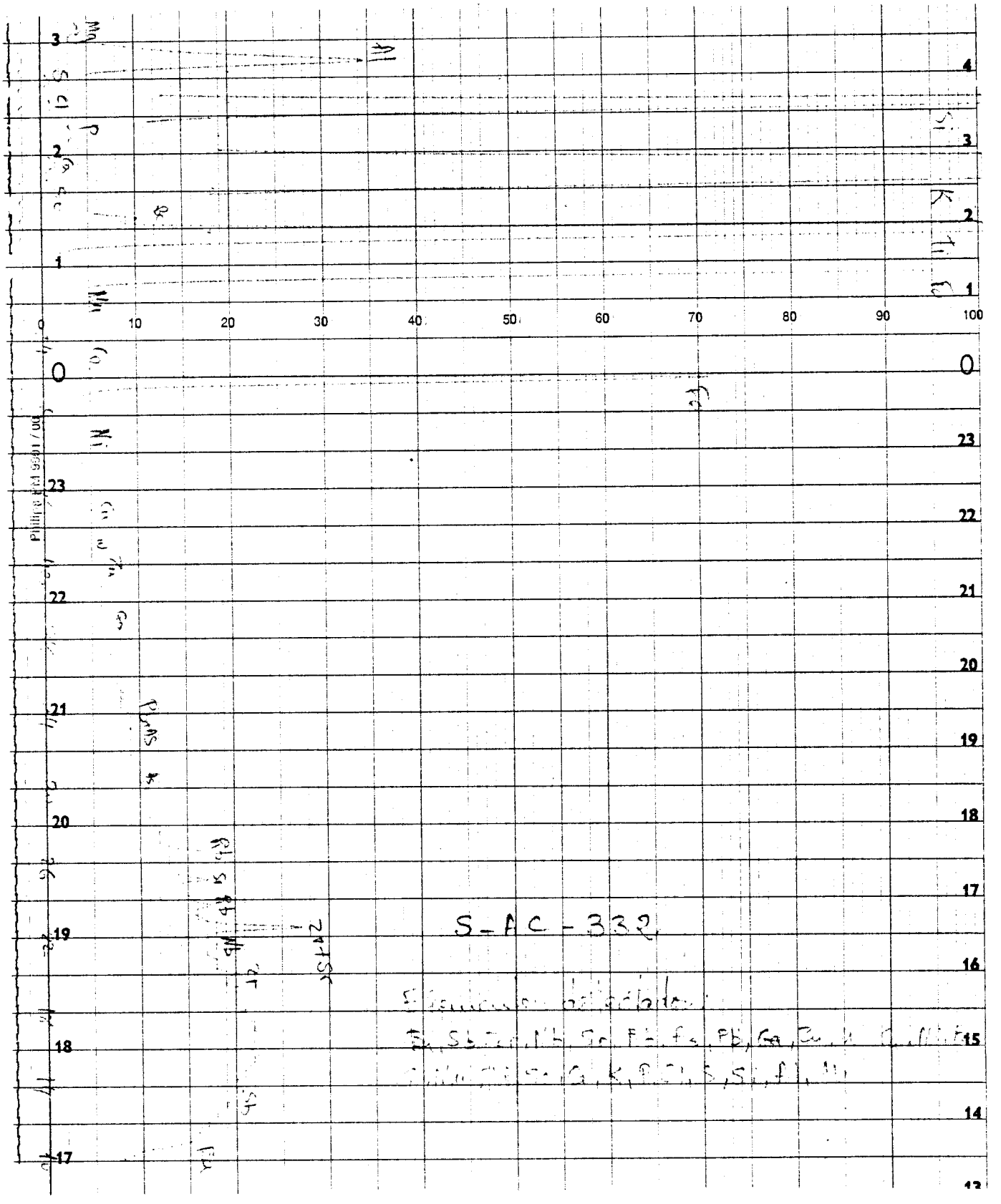

S-AC-327
Ba, Sb, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Ta, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg
Phillips FM 9901/00

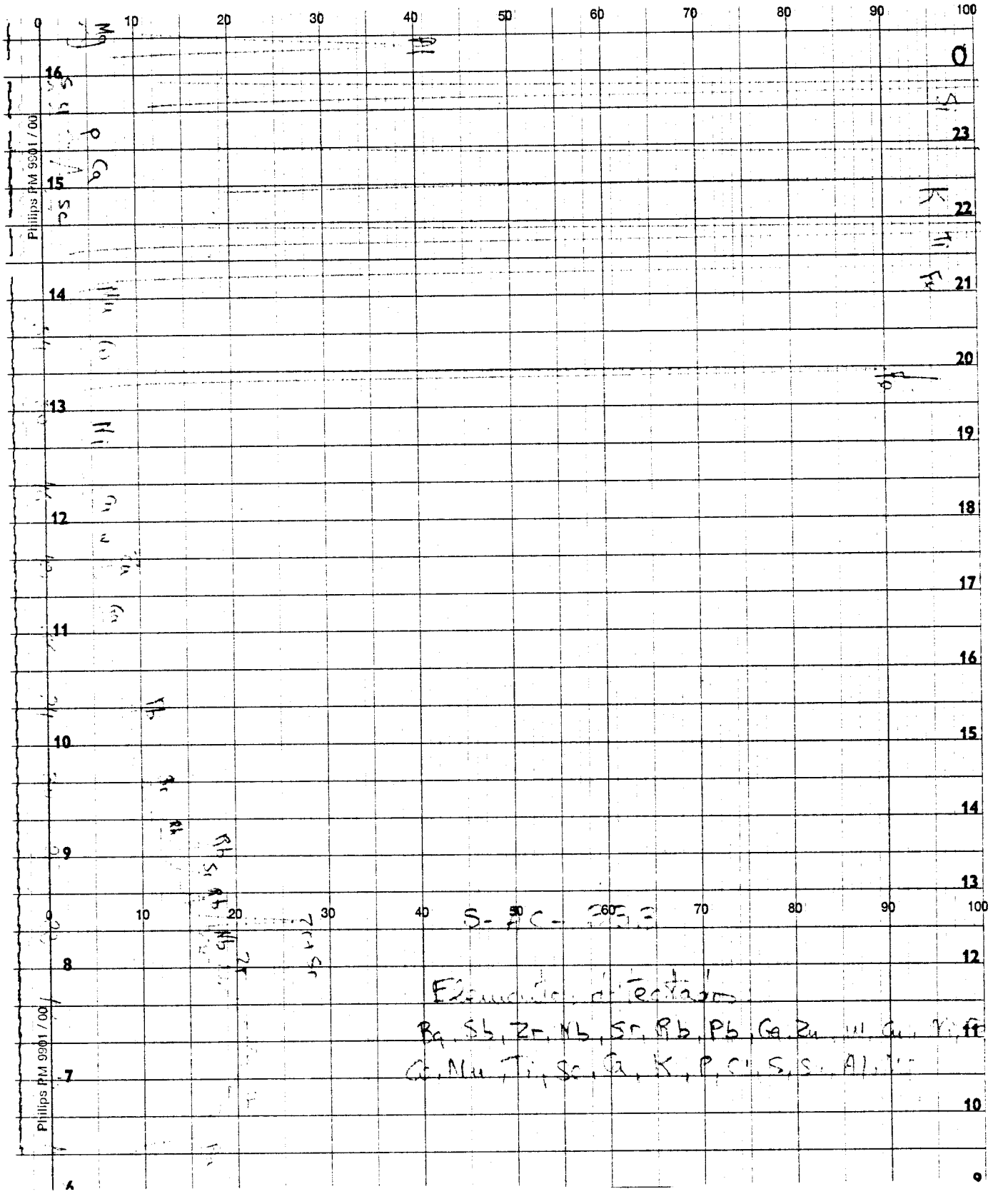

S-AC-398

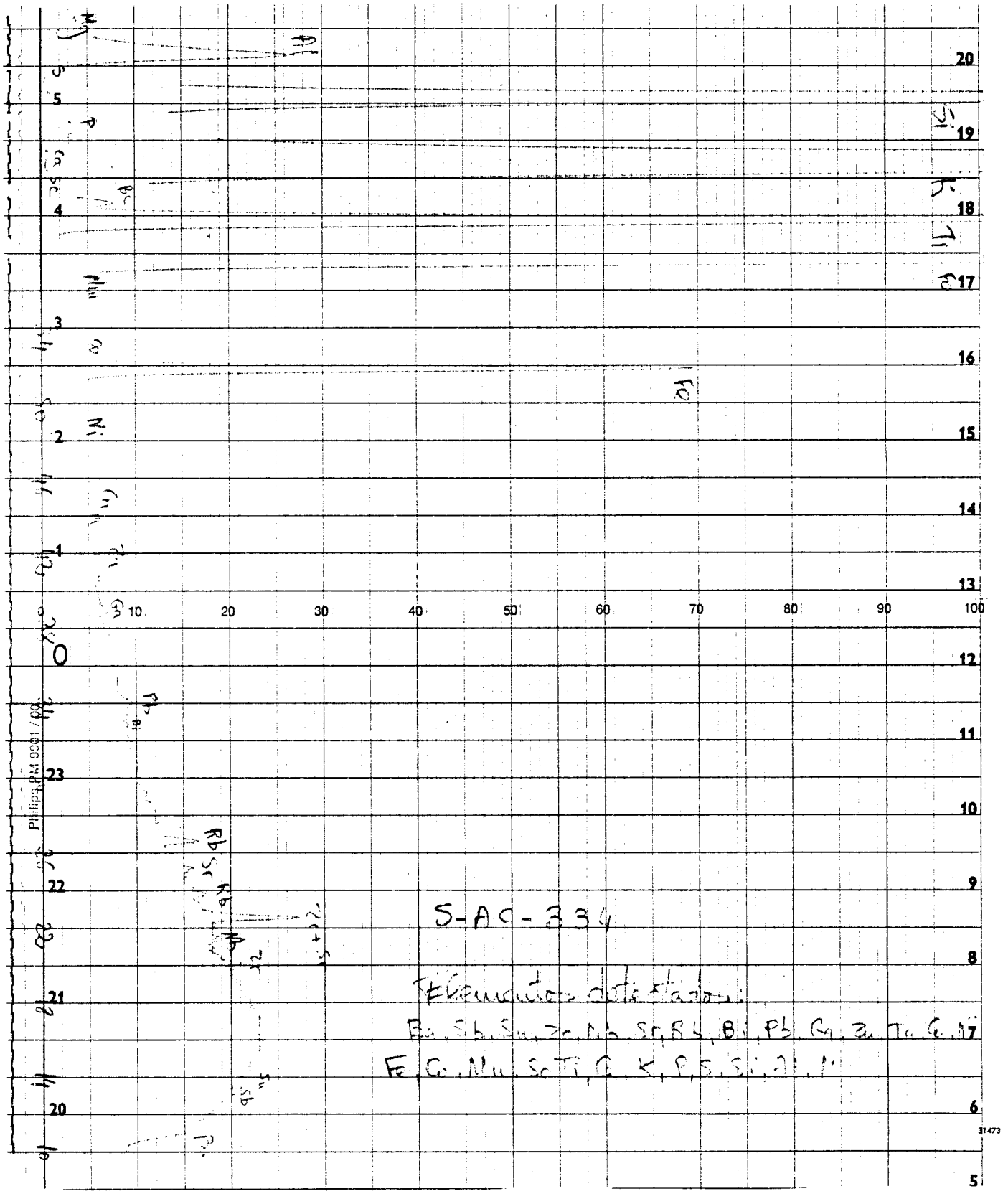

S-AC - 329
Elementos detectados
Ba, Sb, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe
Cl, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg
Phillips PM 9901 / 00

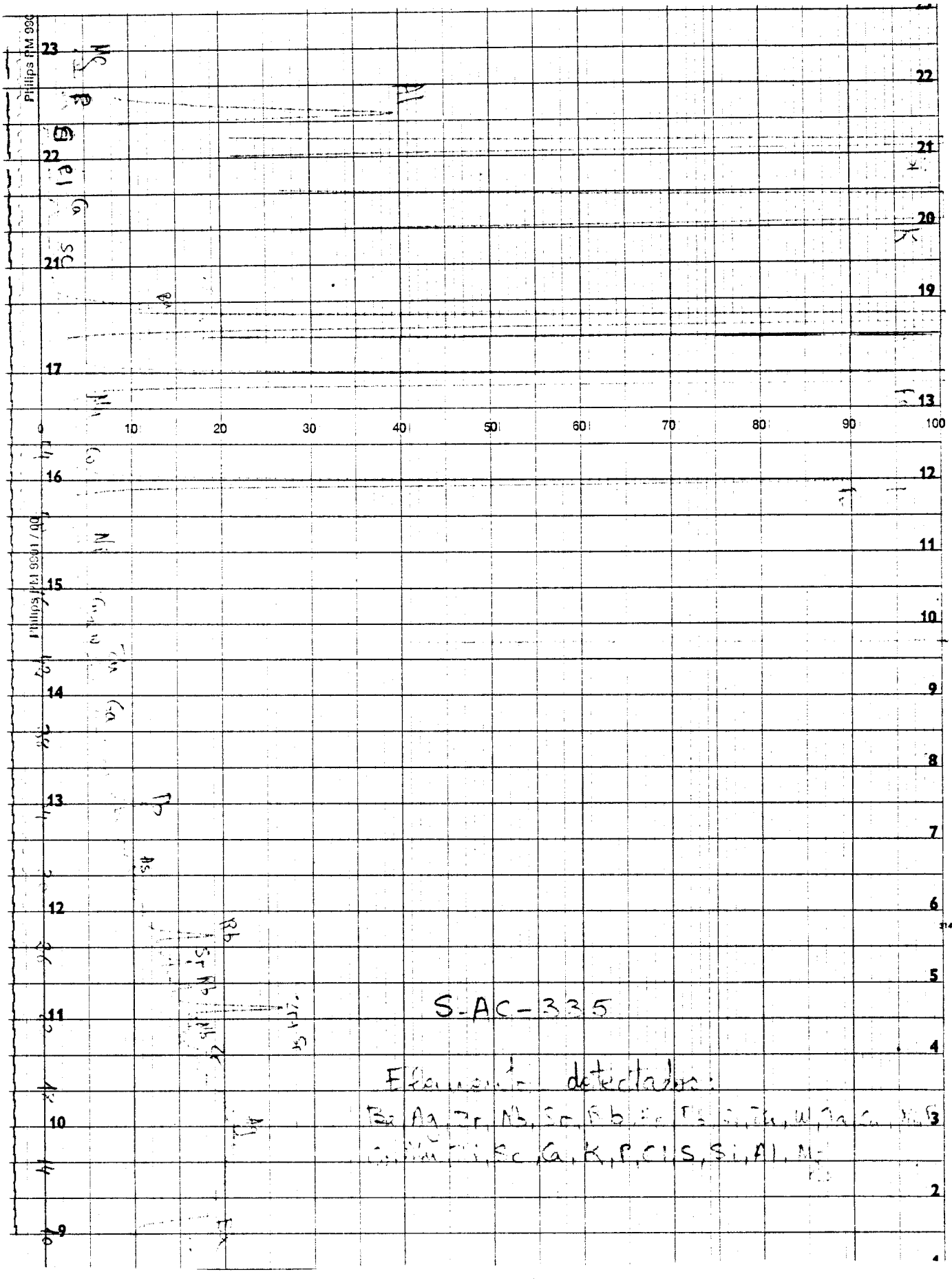

Philips PM 9901 / 00
31473


S-AC-331
Philips PM 9001/00


S-AC-332


Philips PM 9901 / 00
Philips PM 9901 / 00
S- AC-
Elementos detectados
Ba, Sb, Zr, Nb, Sr, Rb, Pb, Ga, Zn, W, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


S-AC-334
Philips PM 9801/00
31473


Philips PM 9901 / 00
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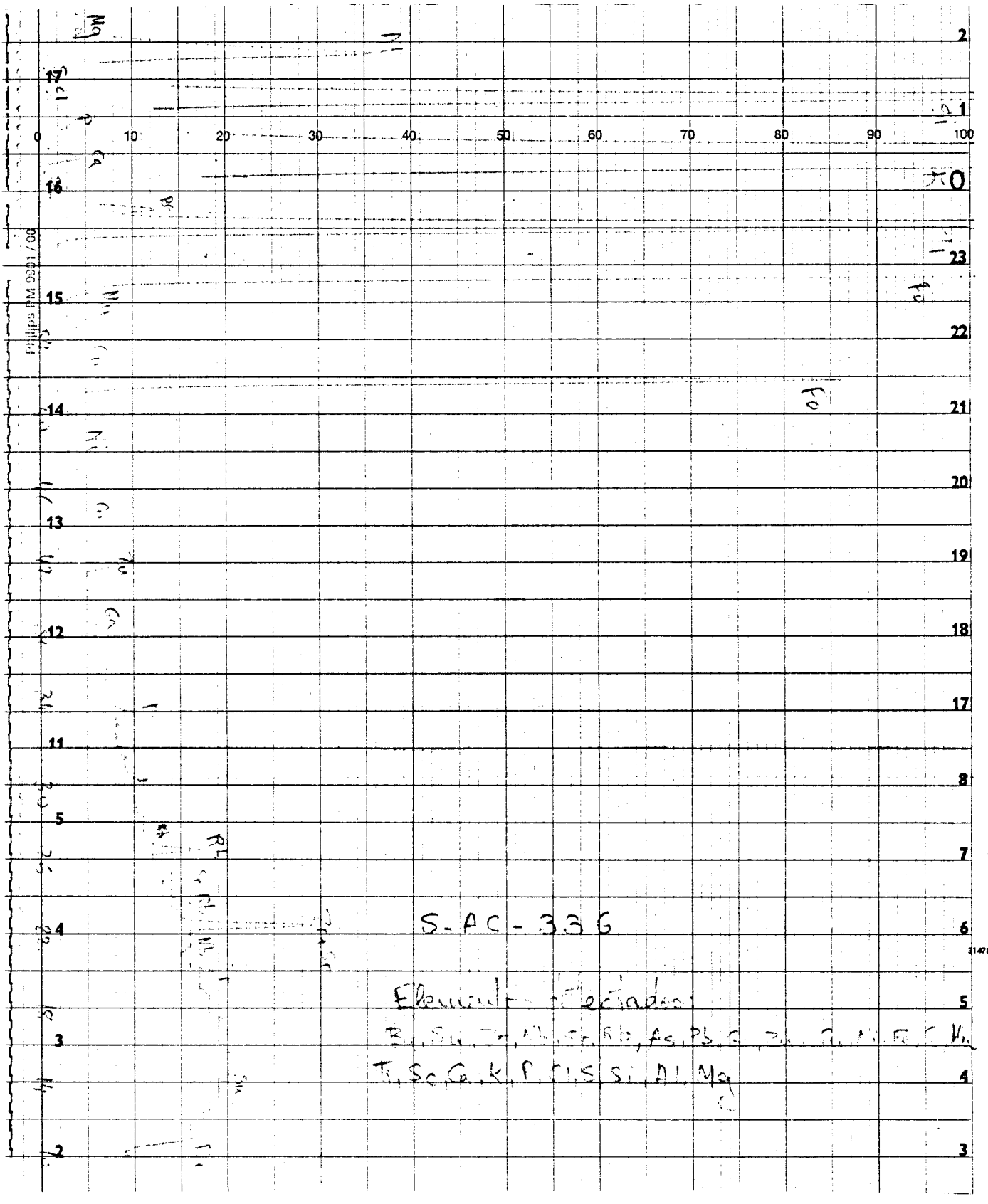
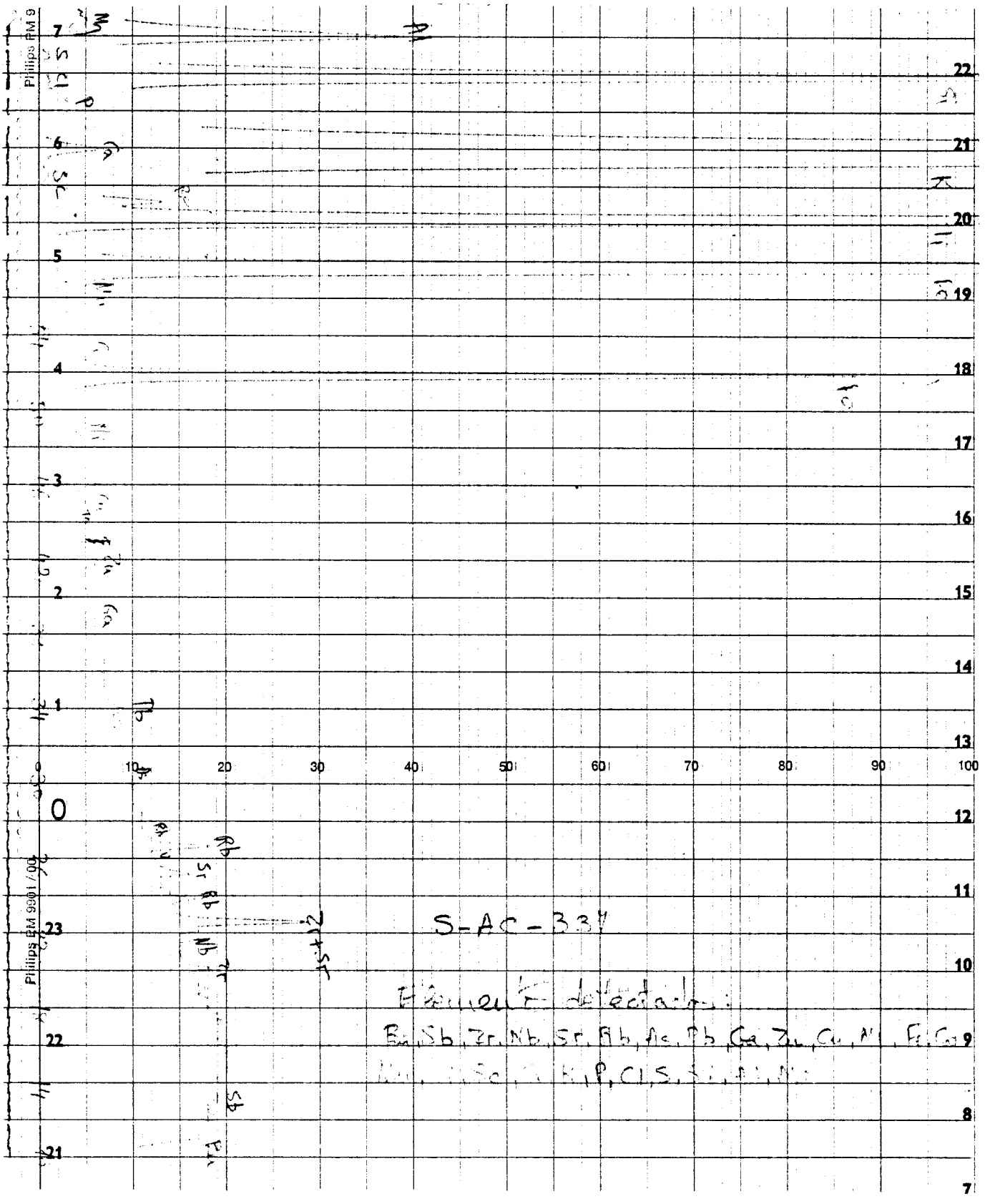
S-AC-335
Elementos detectados:
Ba, Ag, Zr, Nb, Sr, Rb, Fe, Pb, Si, Ta, W, Ta, Cu, Mn
Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


S-AC-336
Elemente identifiziert:
Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


Philips PM 9
Philips PM 9901/00
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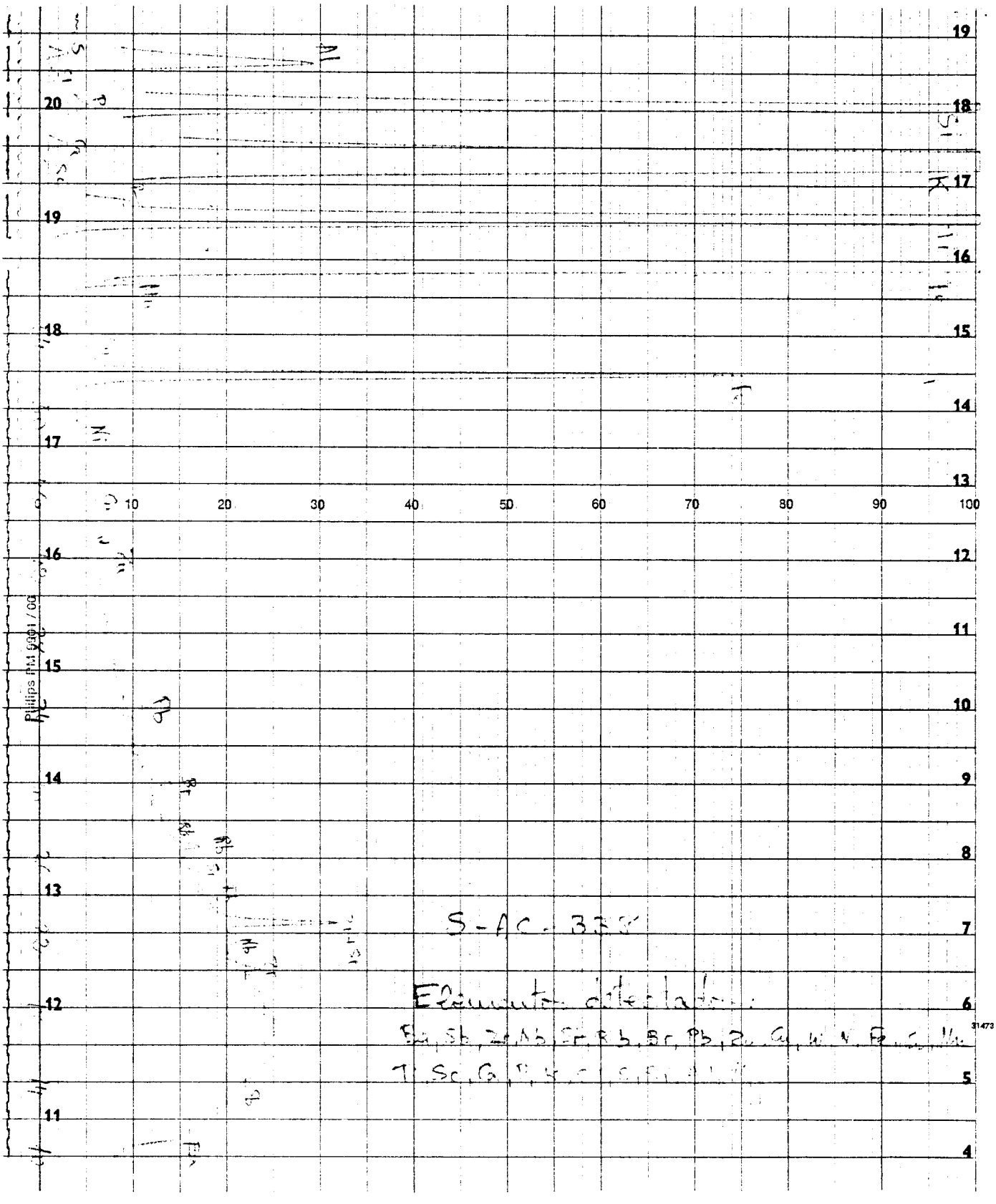
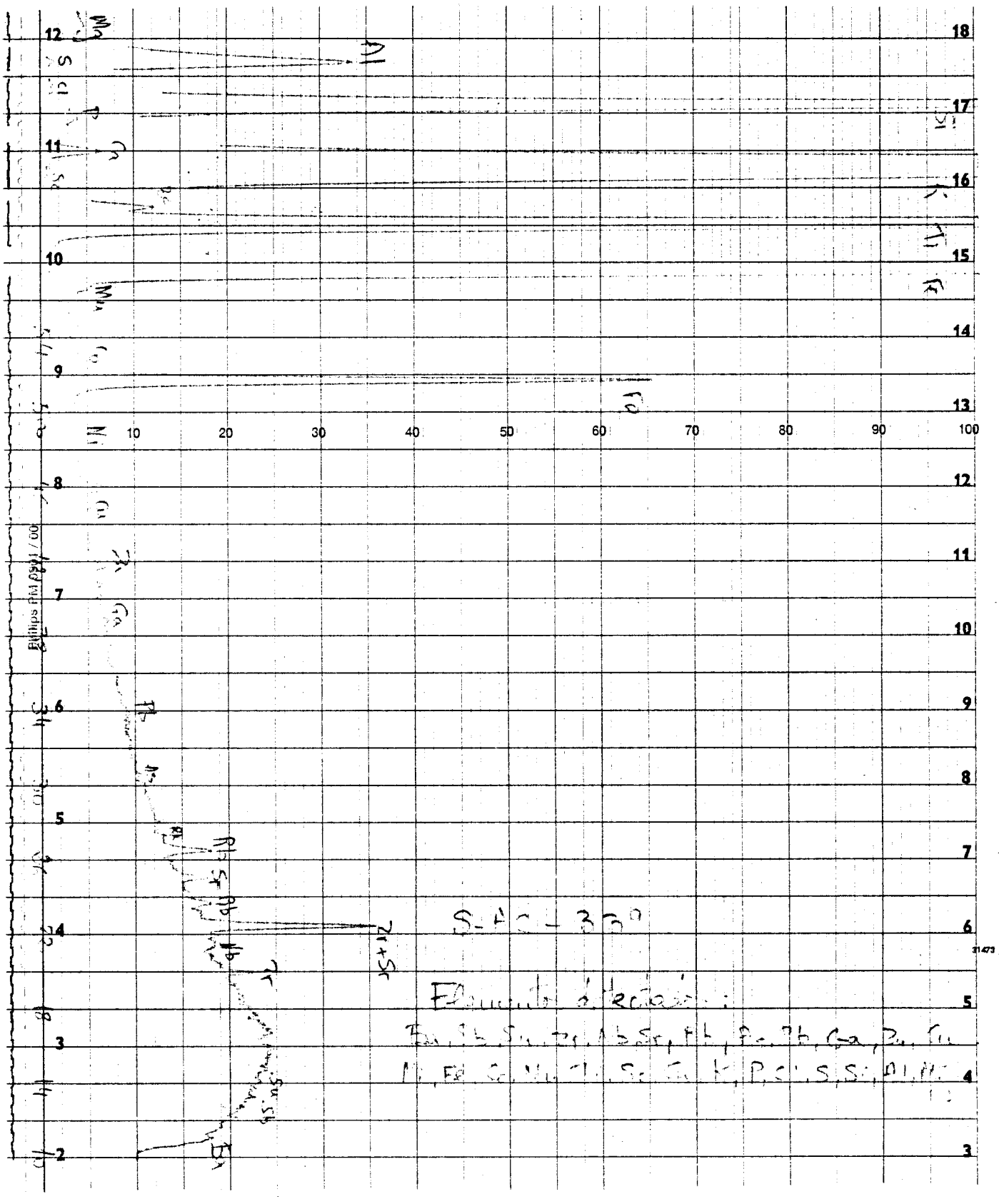
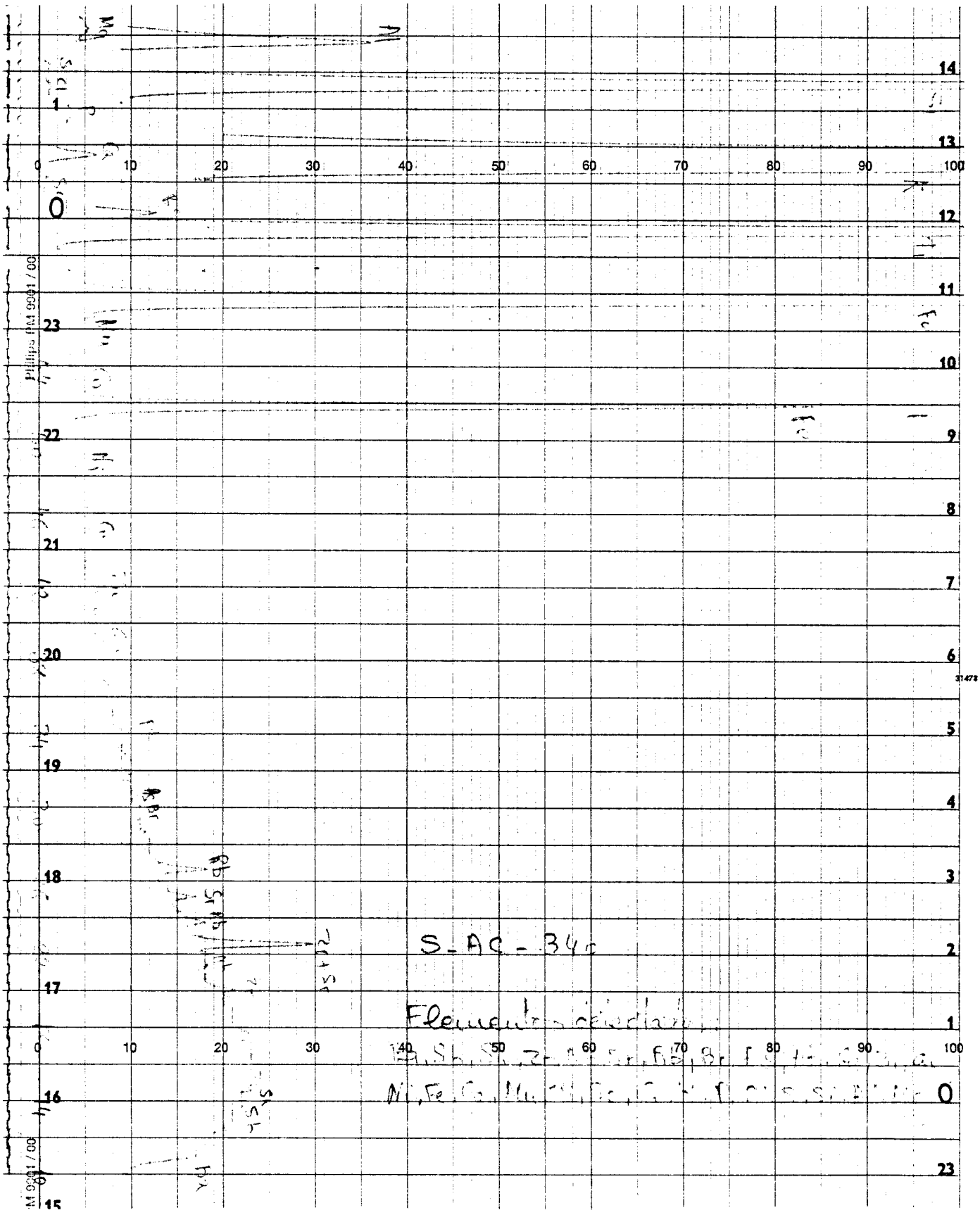
S-AC-337
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, As, Pb, Ga, Zn, Cu, Ni, Fe, Co
P, Cl, S

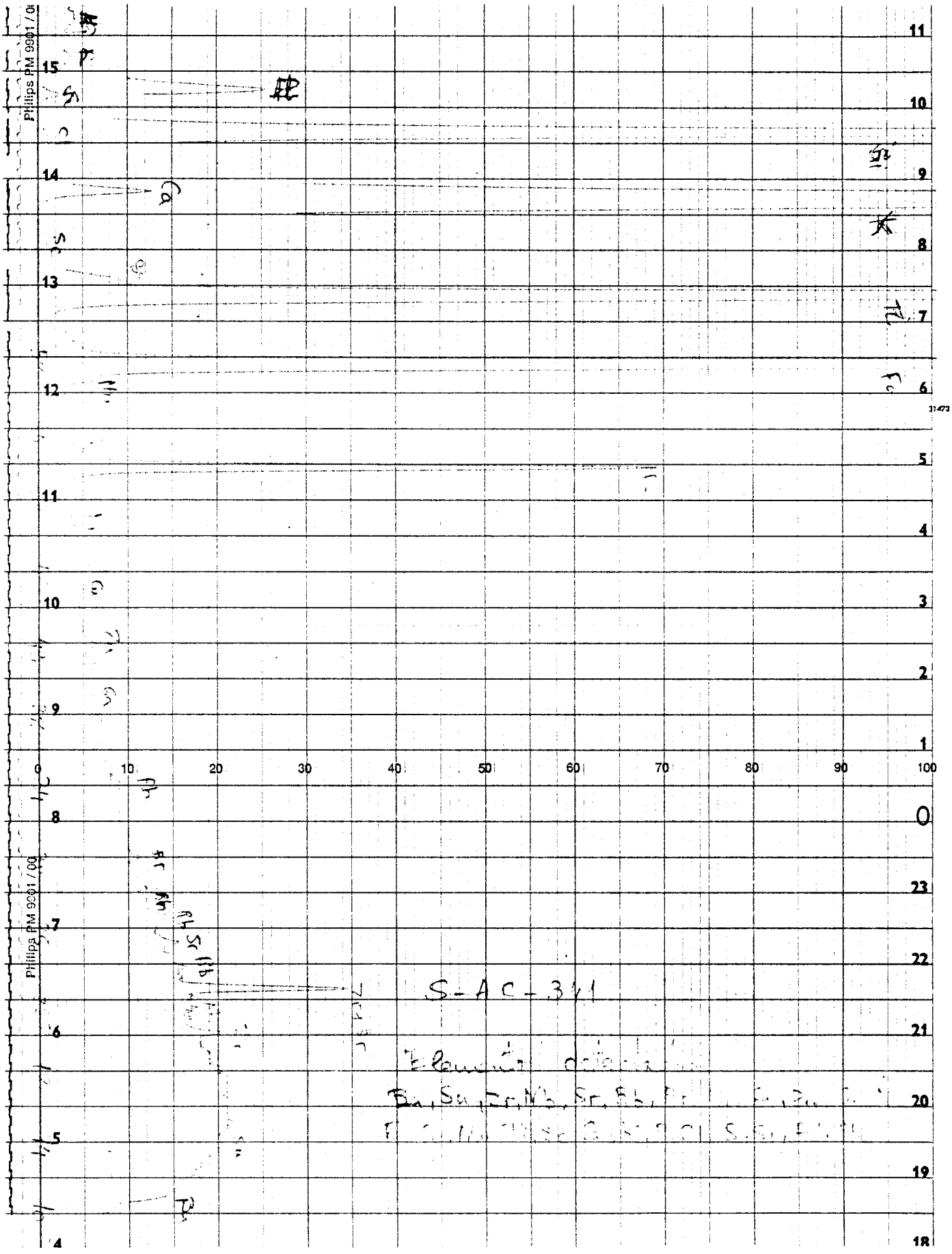


S-AC-33
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Br, Pb, Zn, Cu, W, V, Fe, Cr, Mn
Ti, Sc, Ca, P, K, Cl, S, Si, Al, Mg
Phillips PM 9901 / 00
31473



S-AC-330
Elements détectés :


S-AC-34c
Elementos detectados:
Ni, Fe, Ca, Mn
Phillips PM 9901 / 00


Philips PM 9901/00
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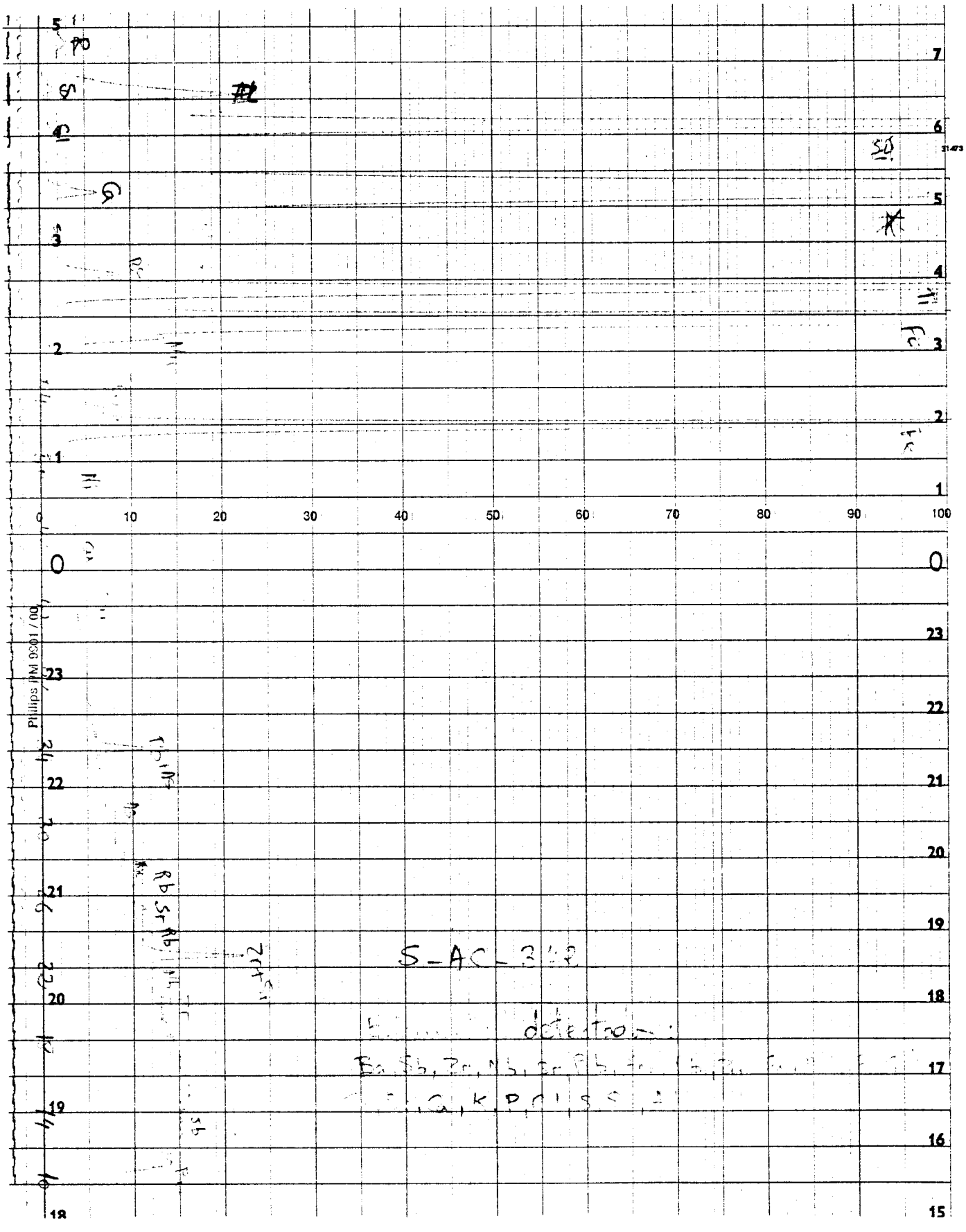
S-AC-311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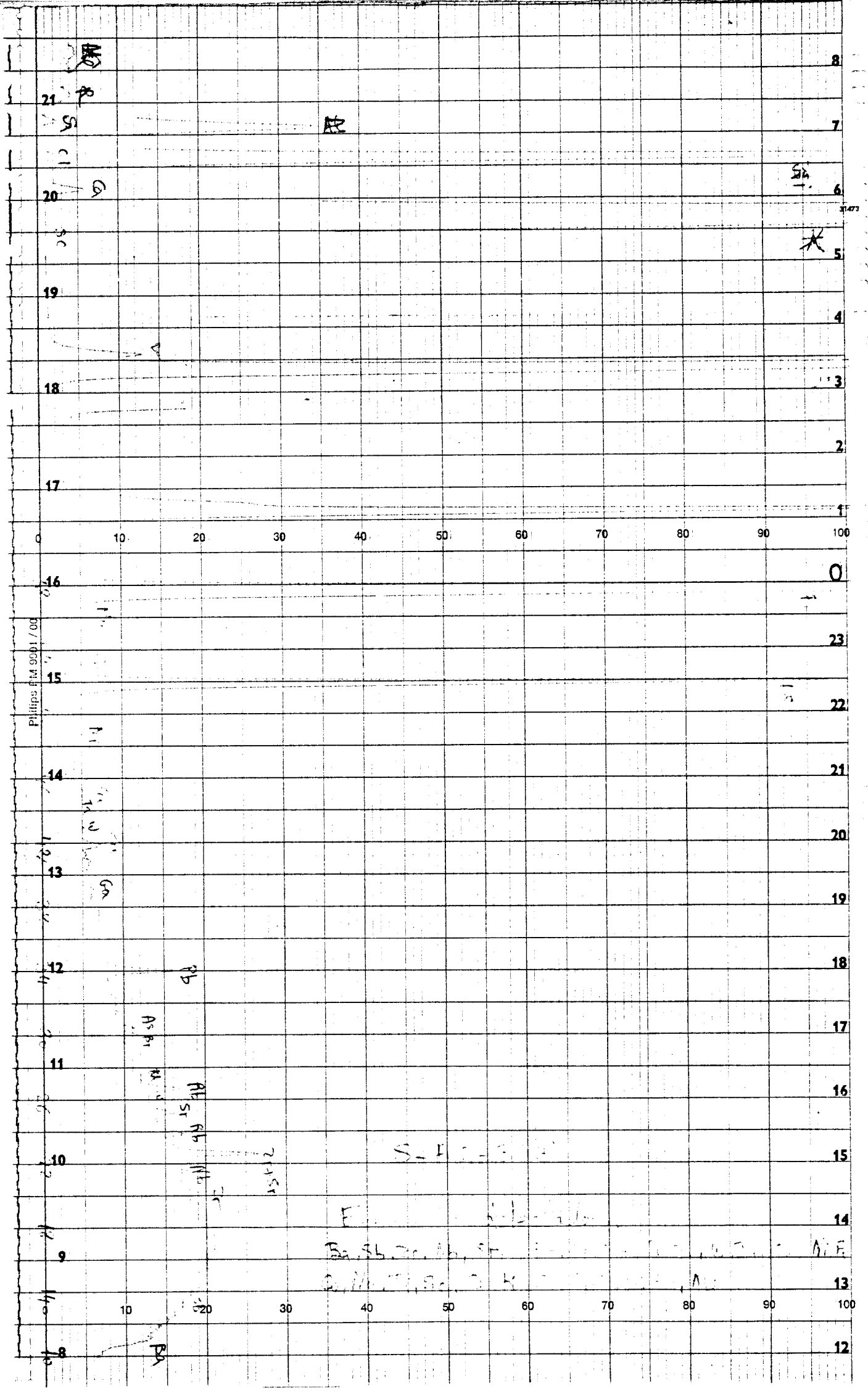
Philips PM 9901/00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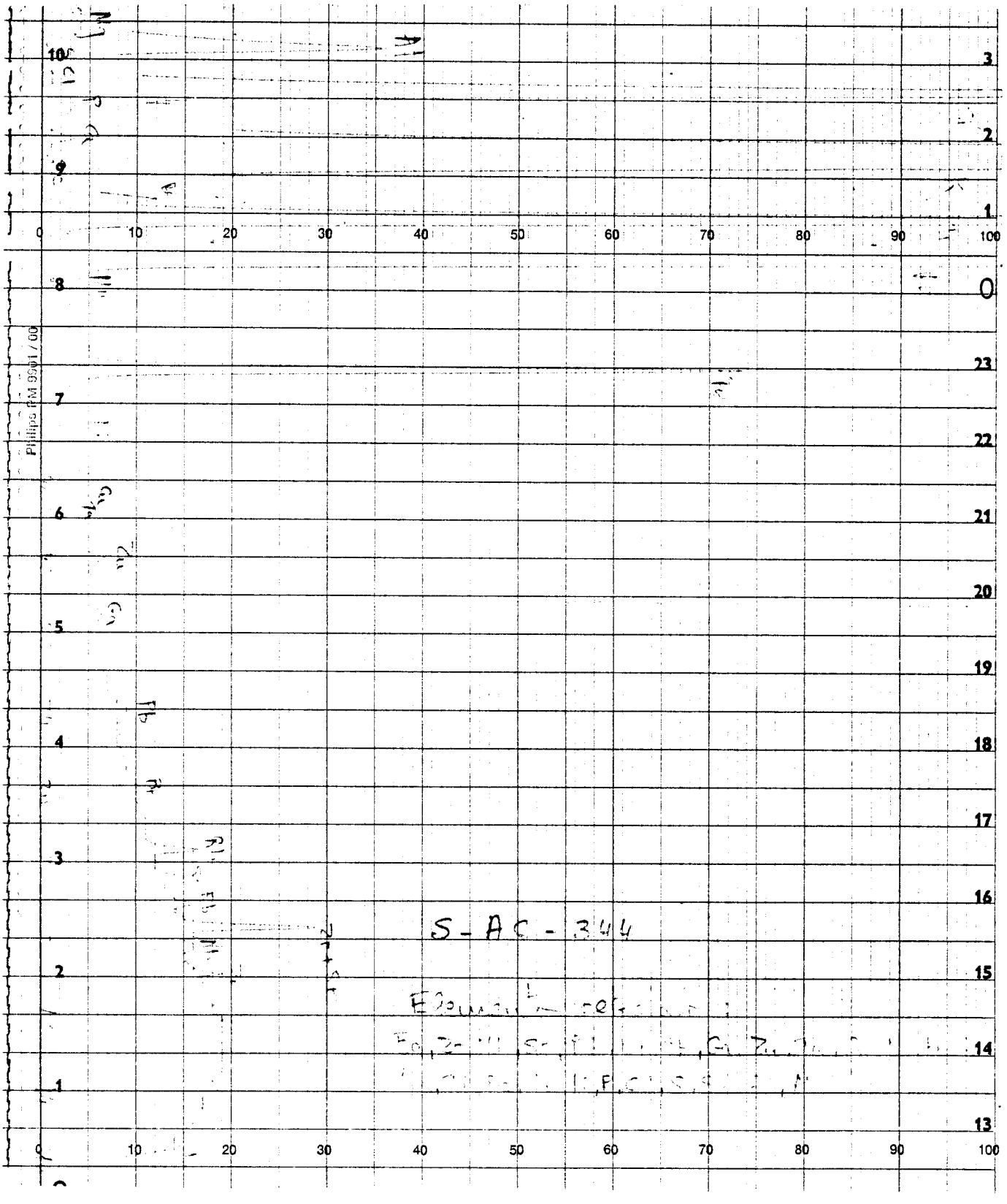
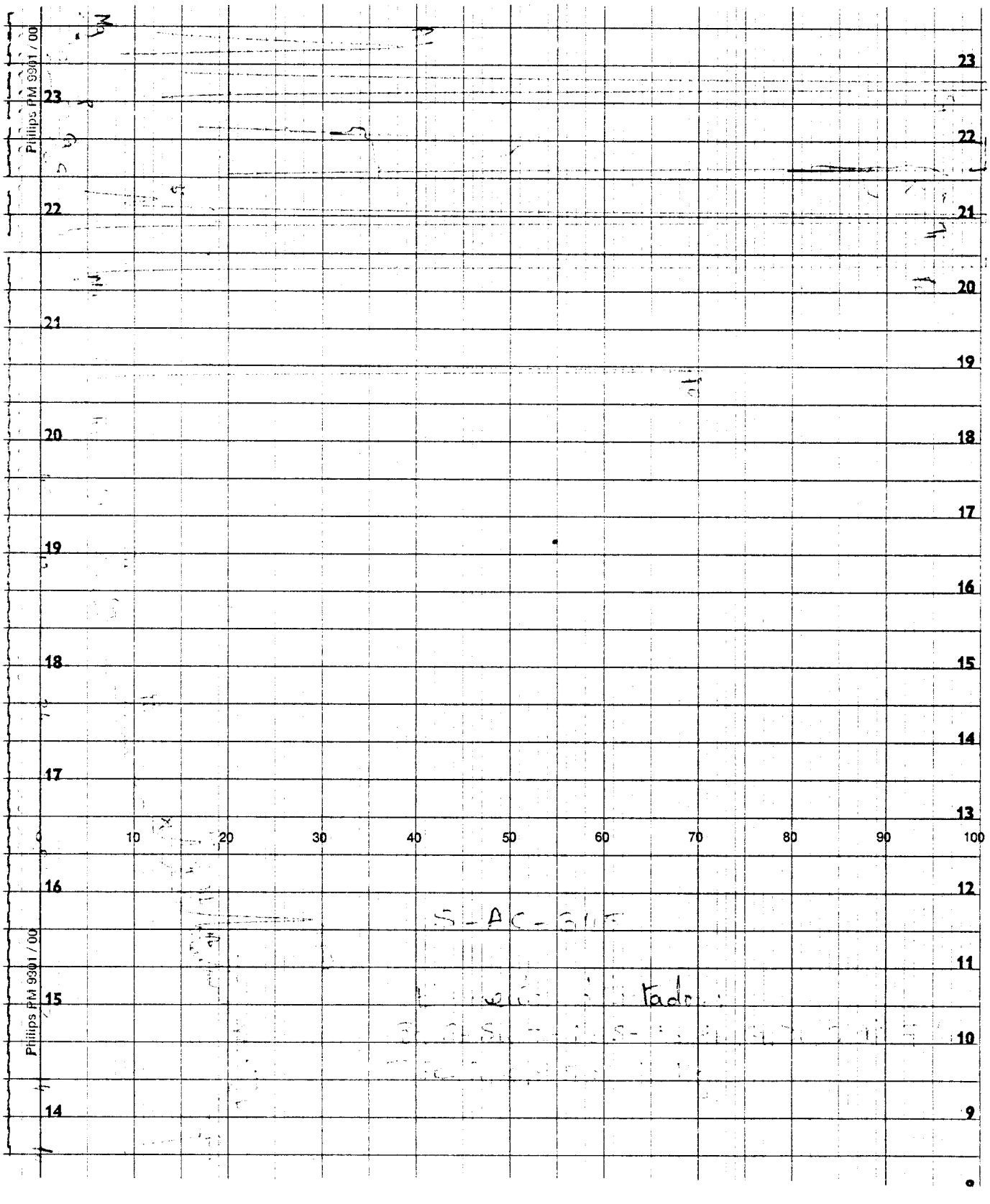
Philips PM 9901 / 00


S-AC-344
Philips PM 9901 / 00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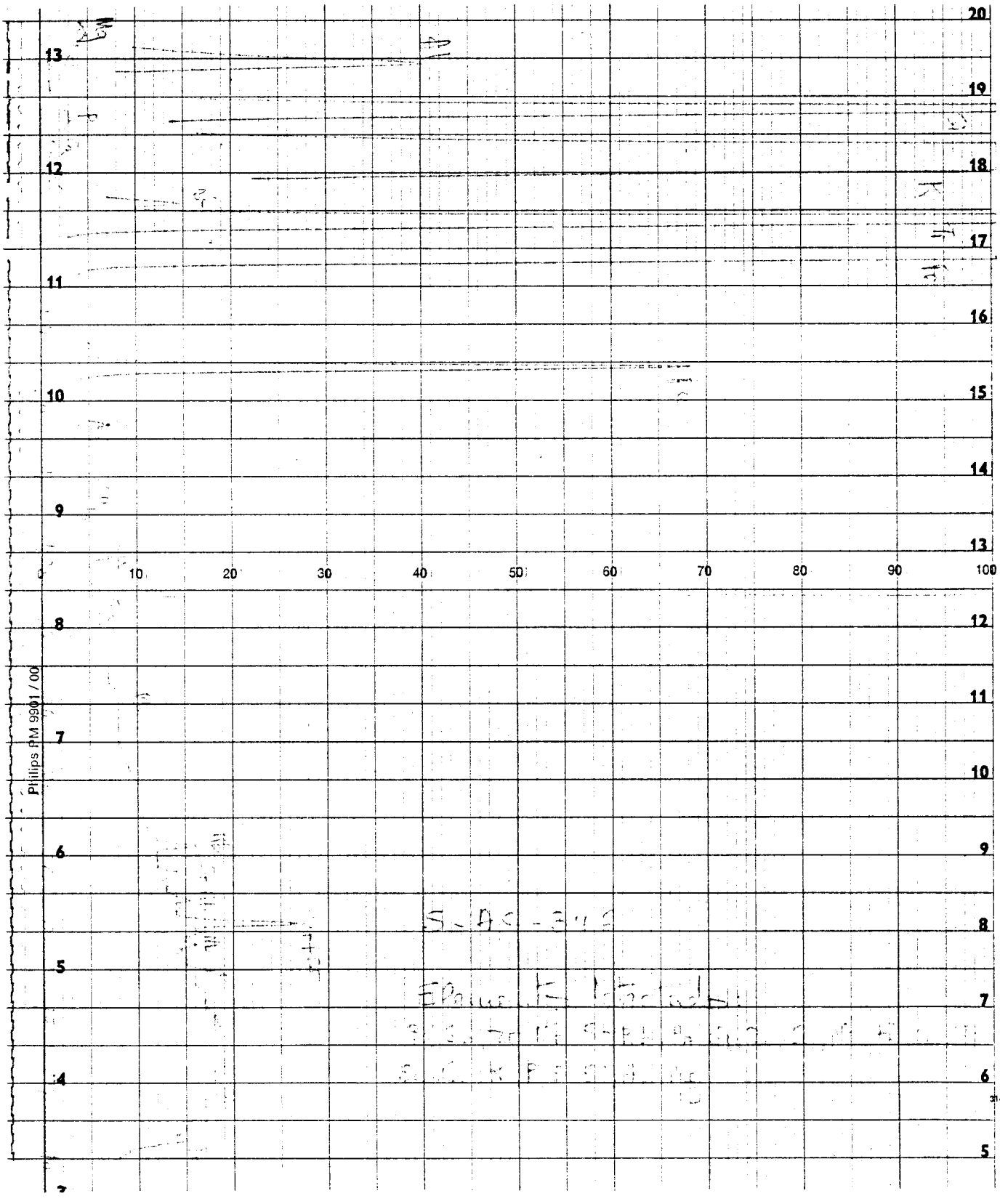
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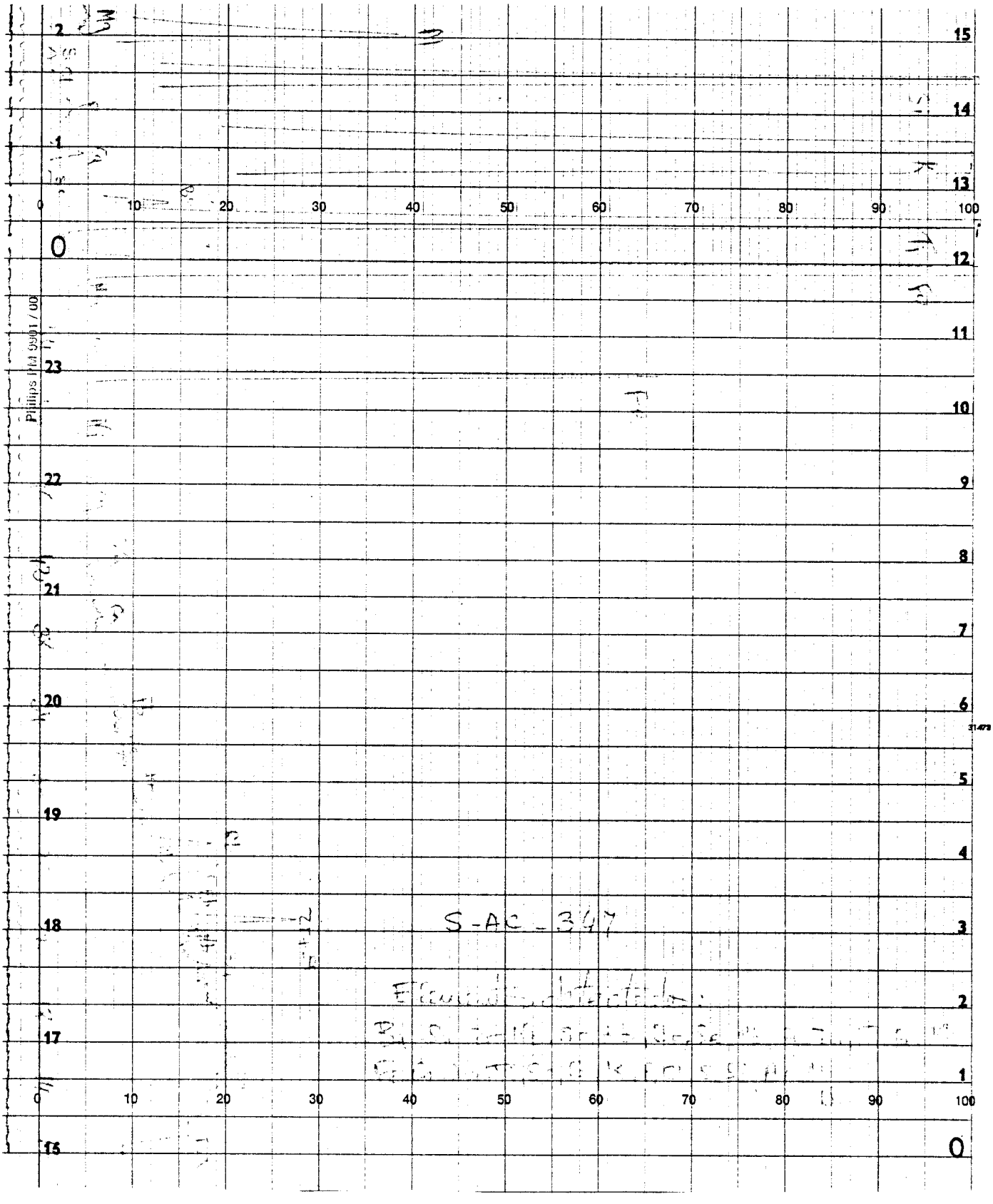
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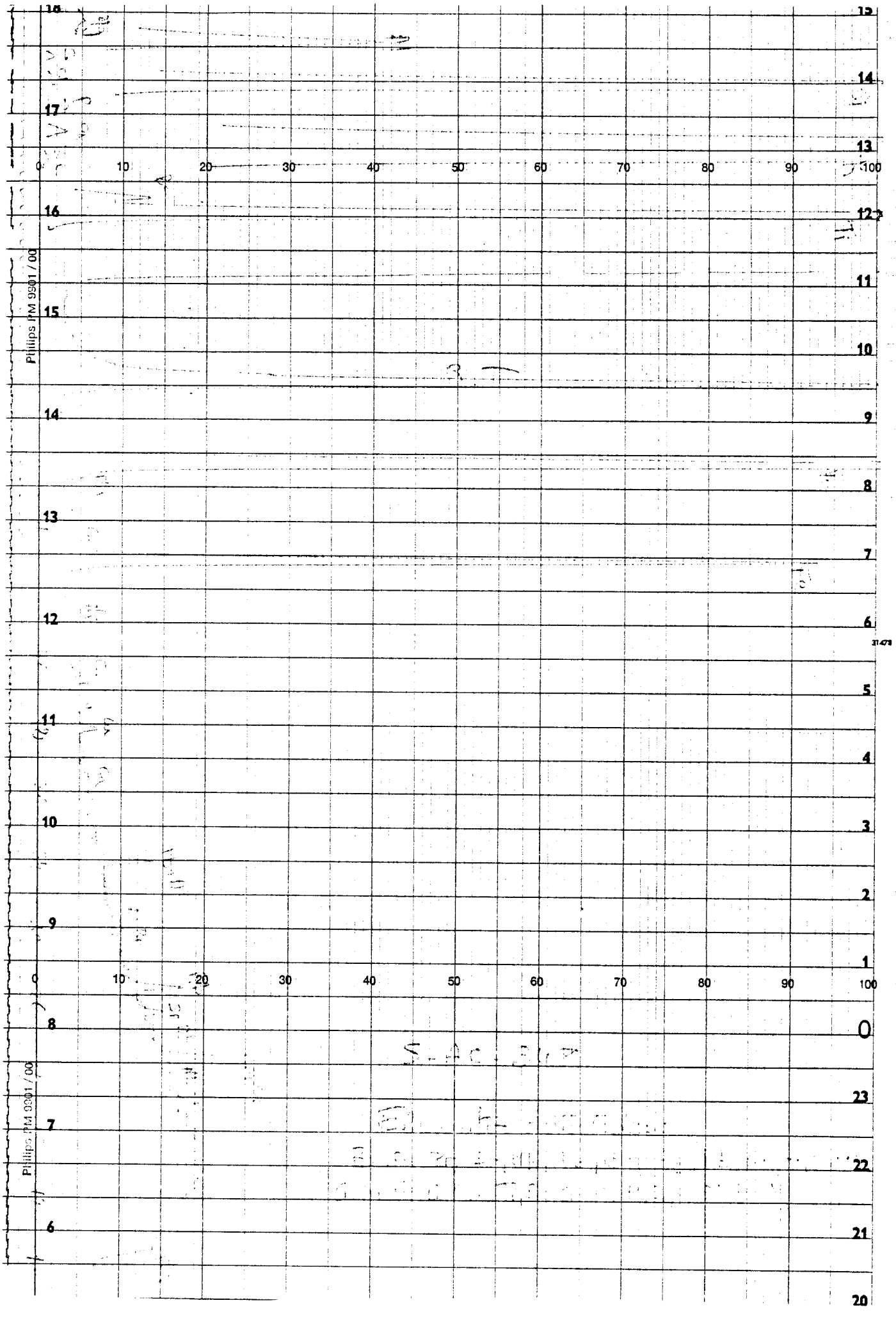
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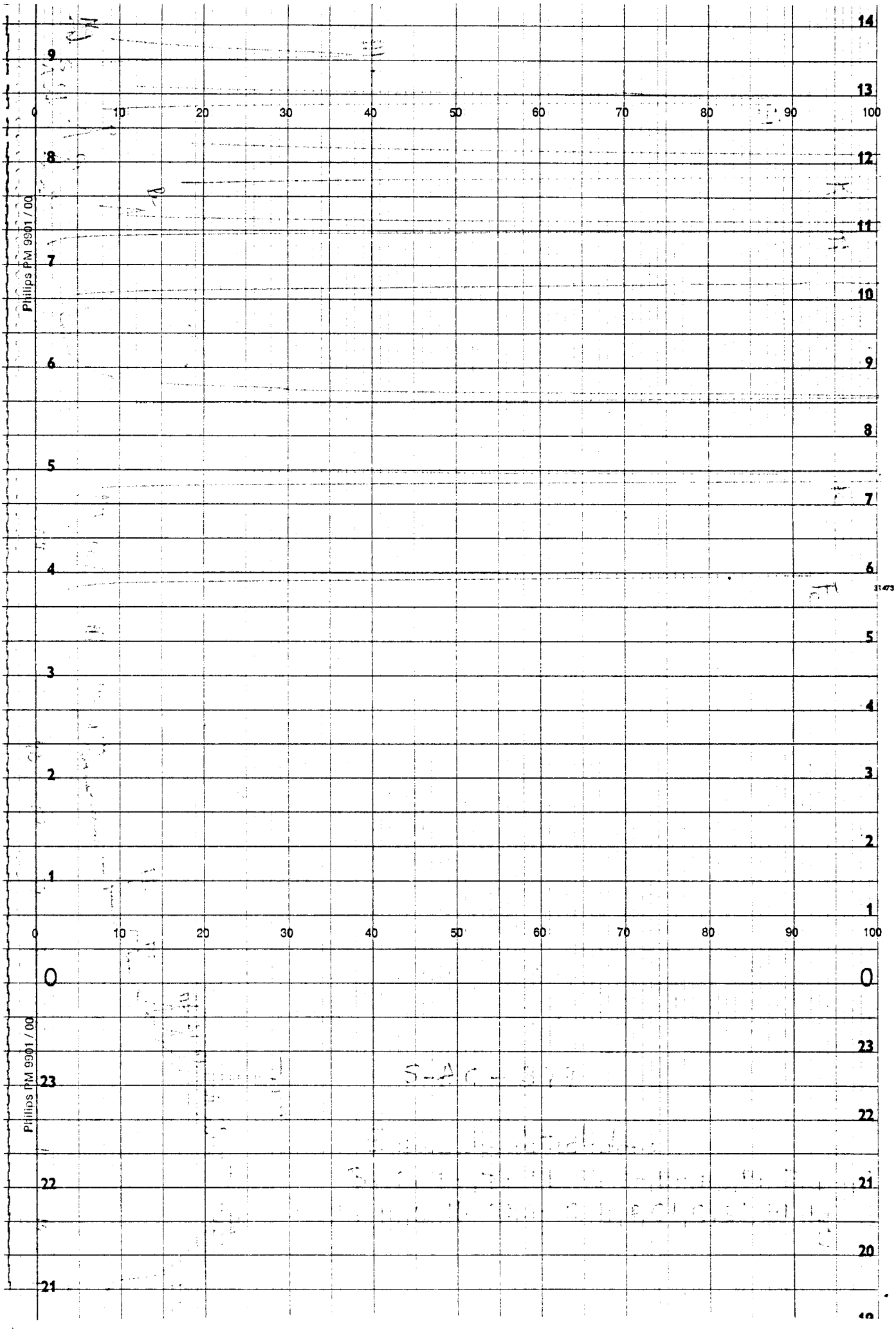
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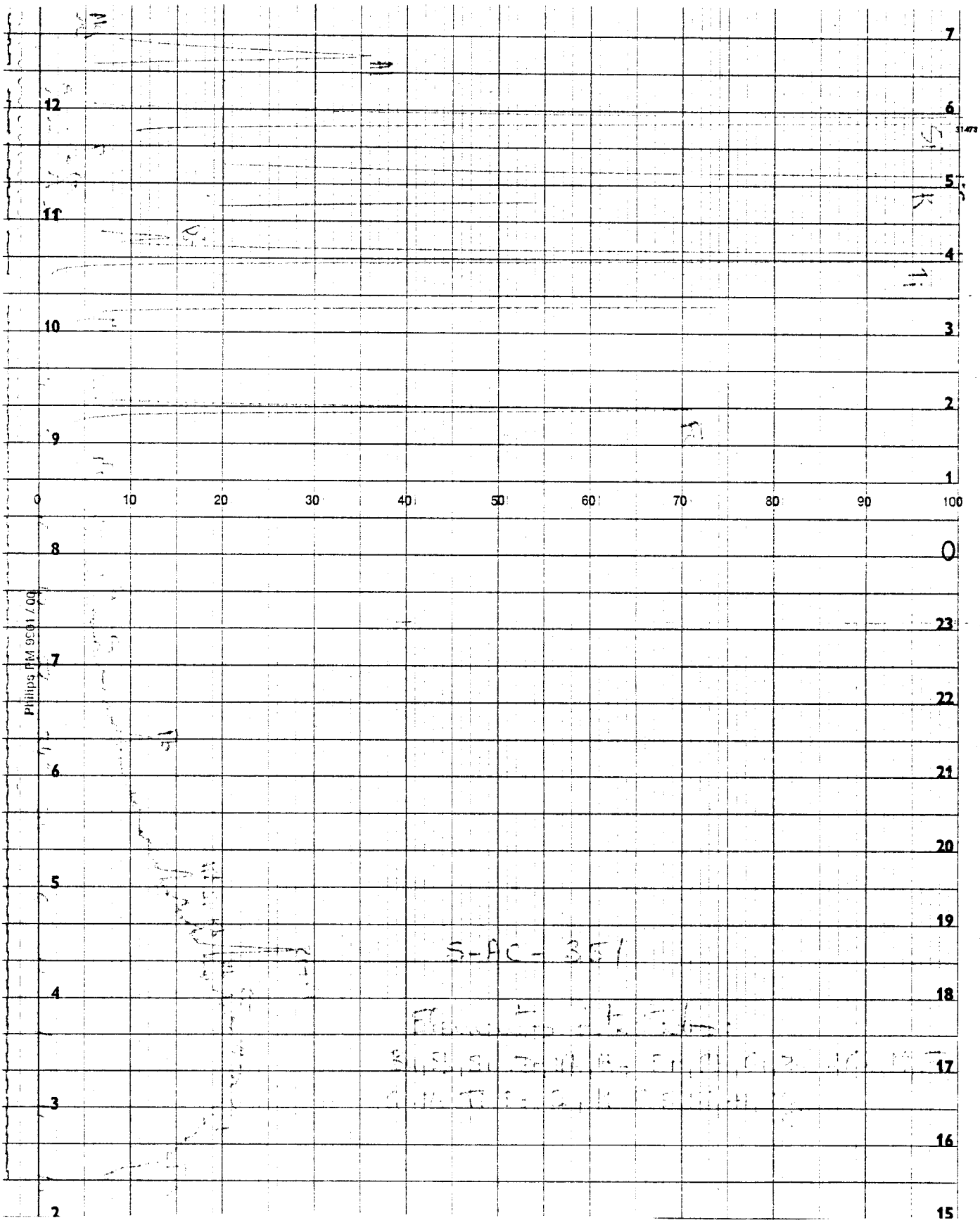
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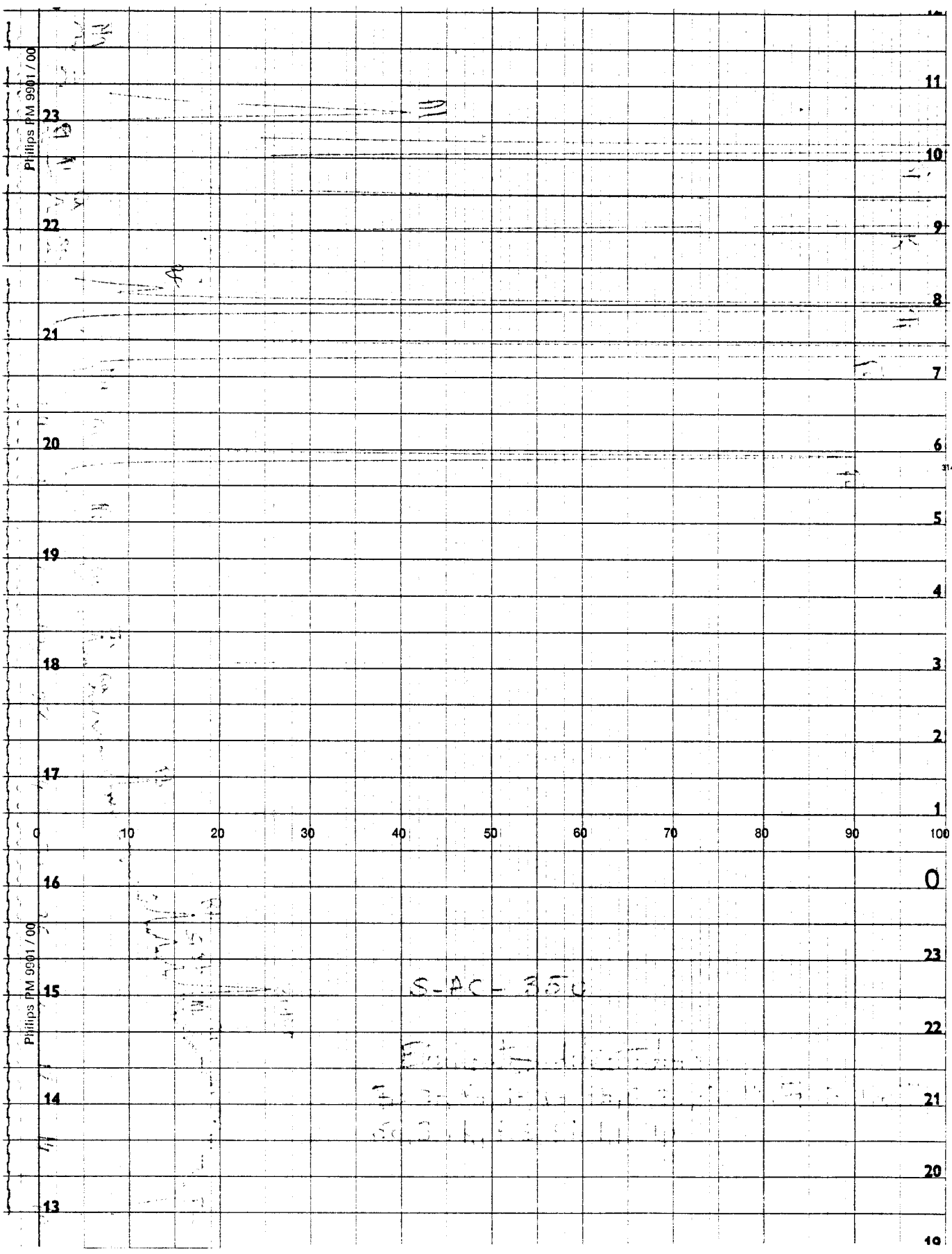
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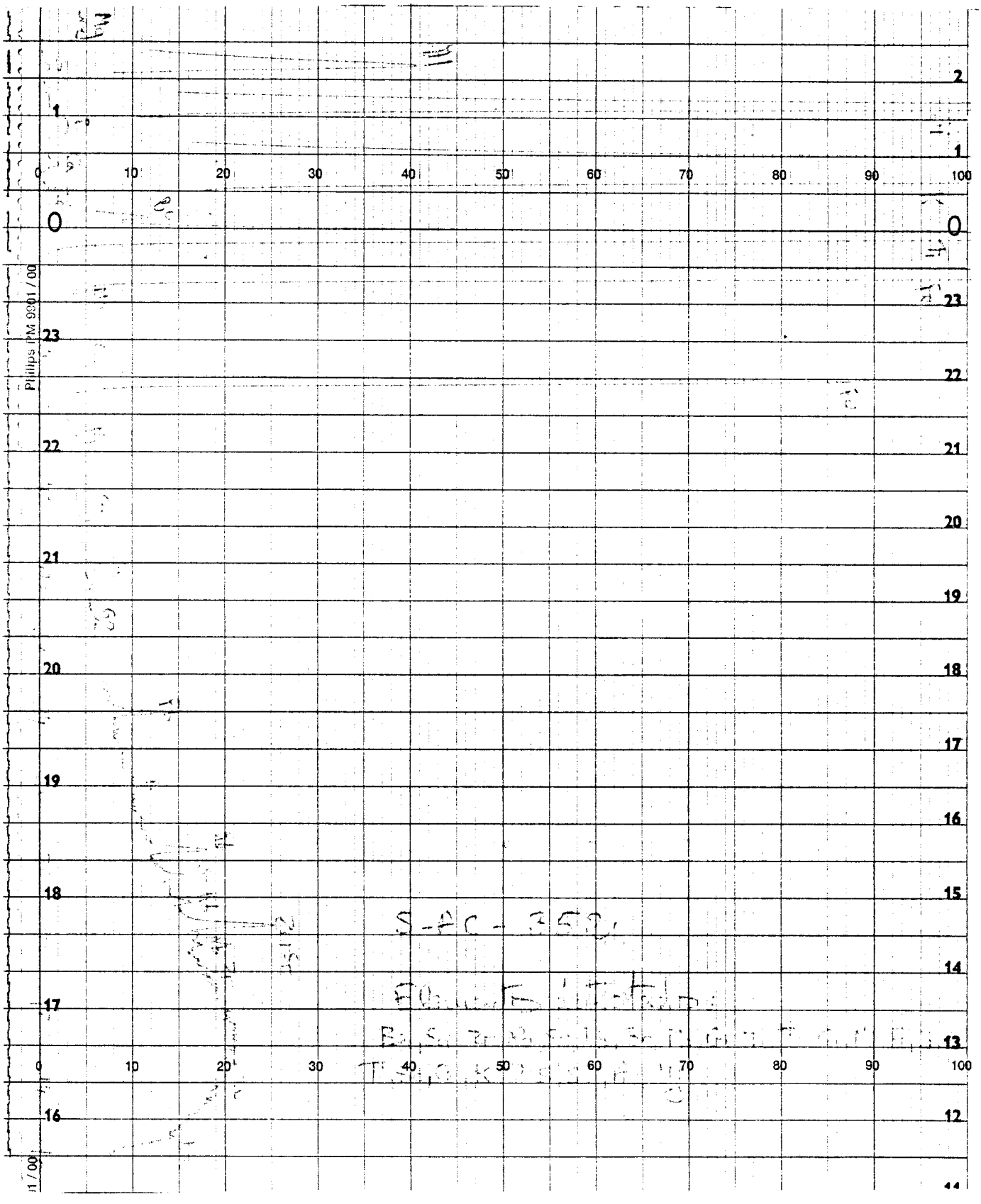
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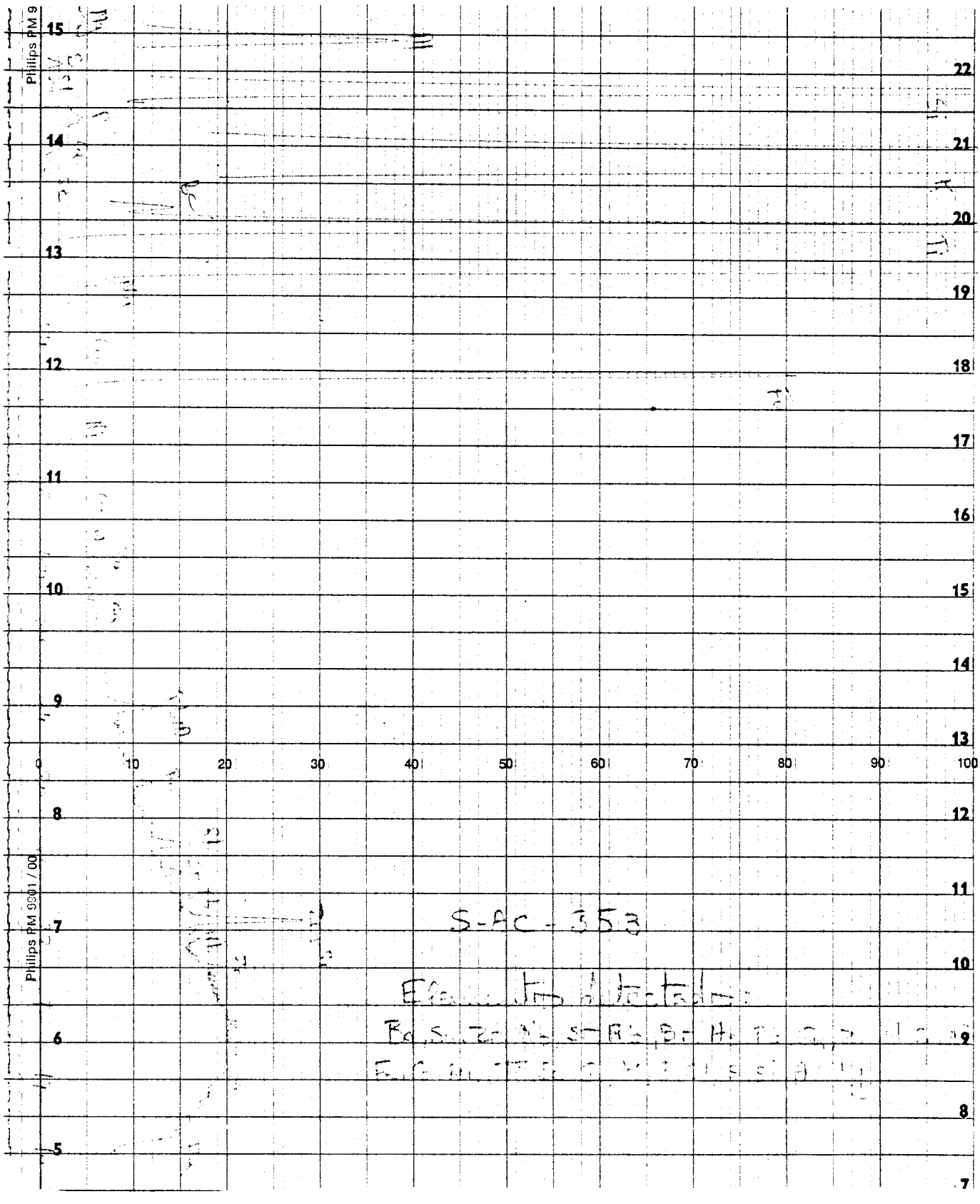
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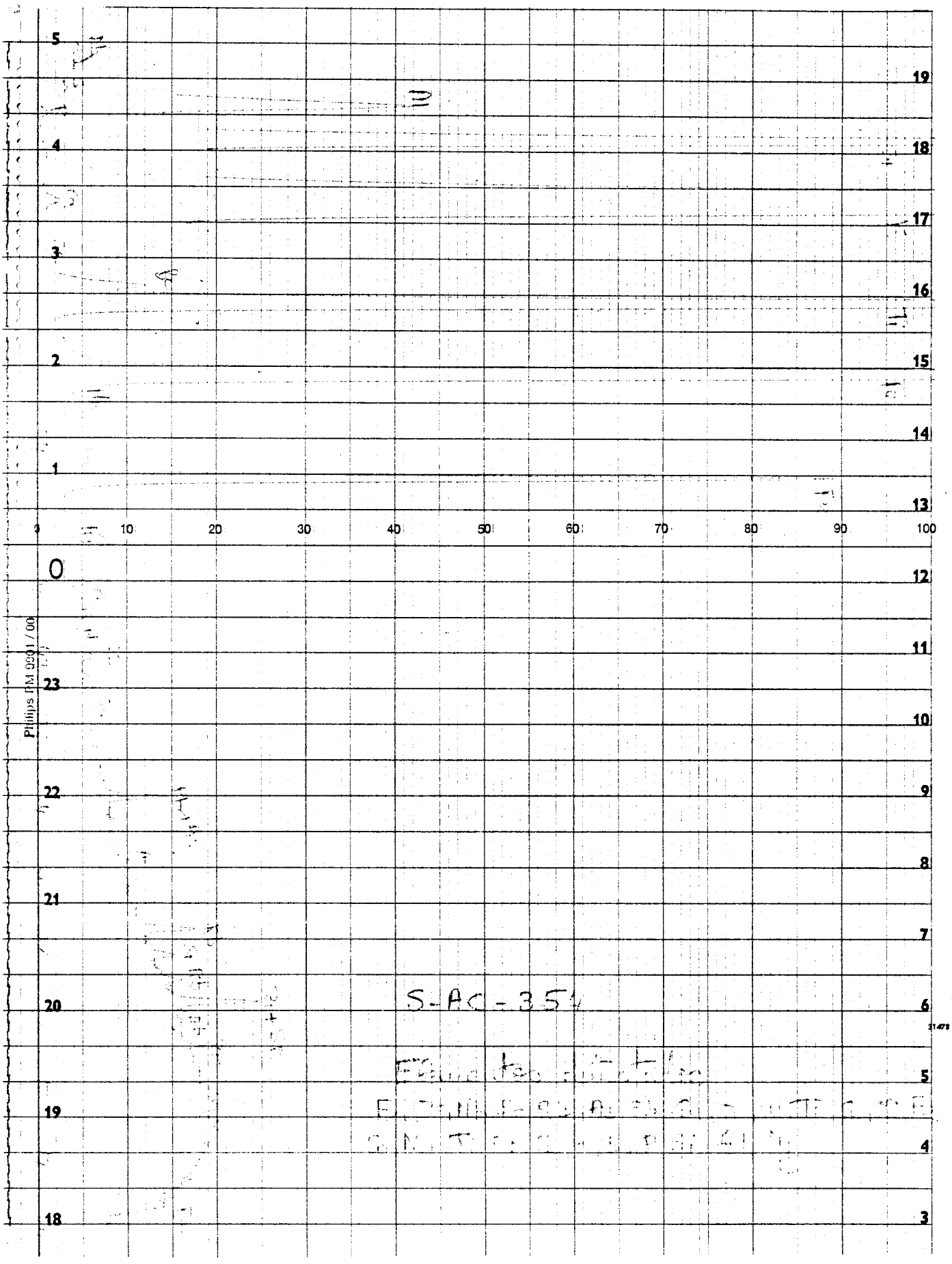
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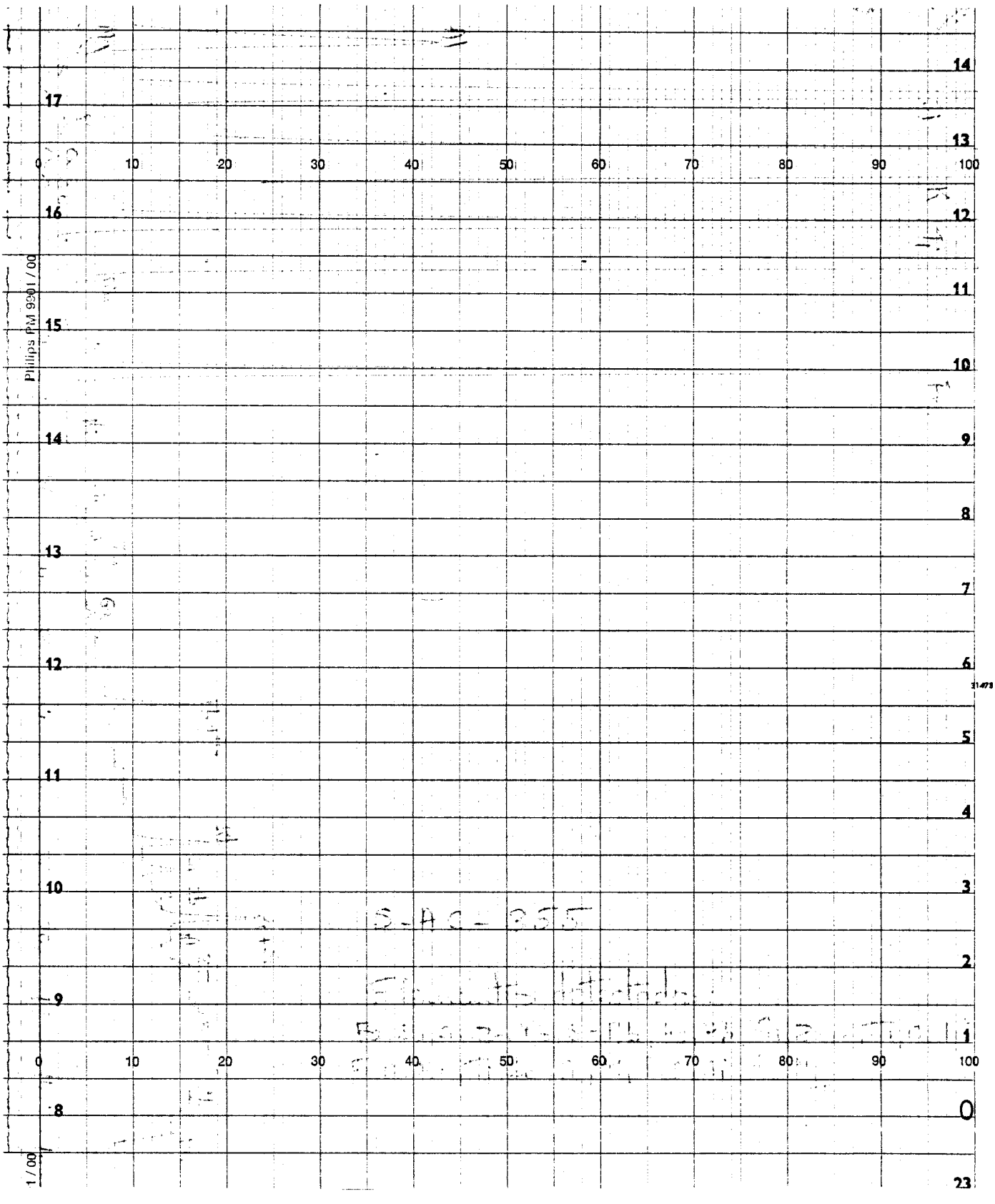
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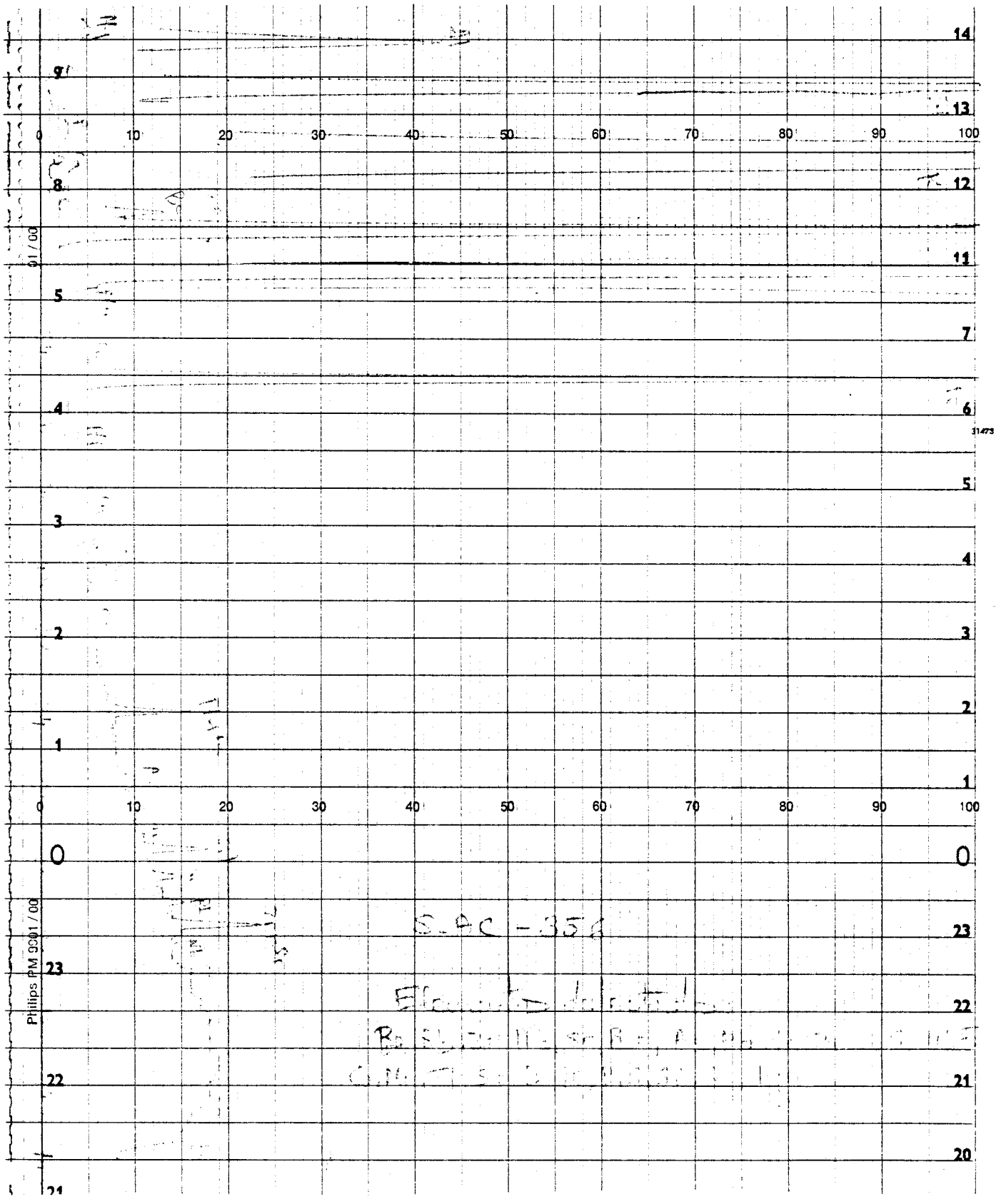
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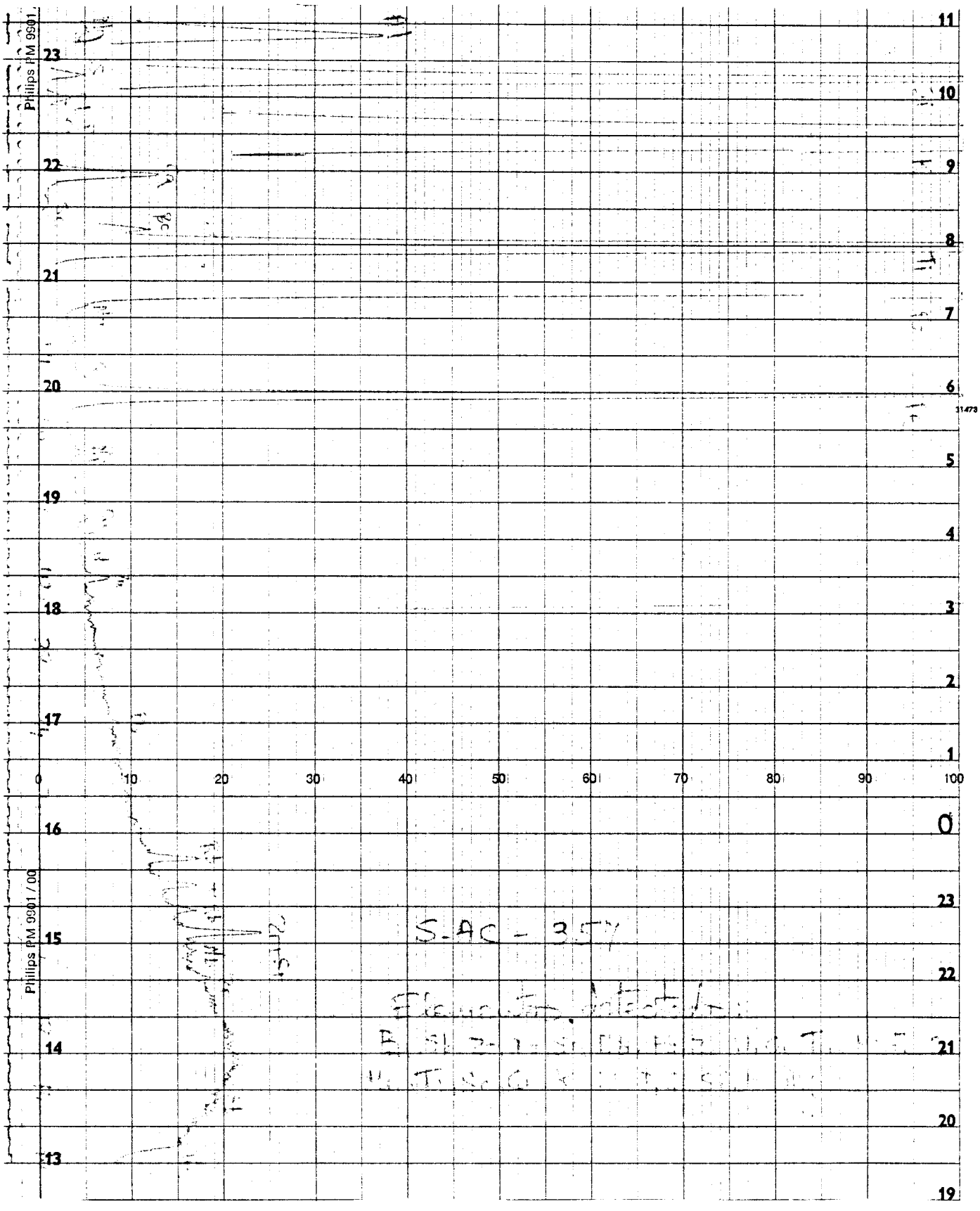
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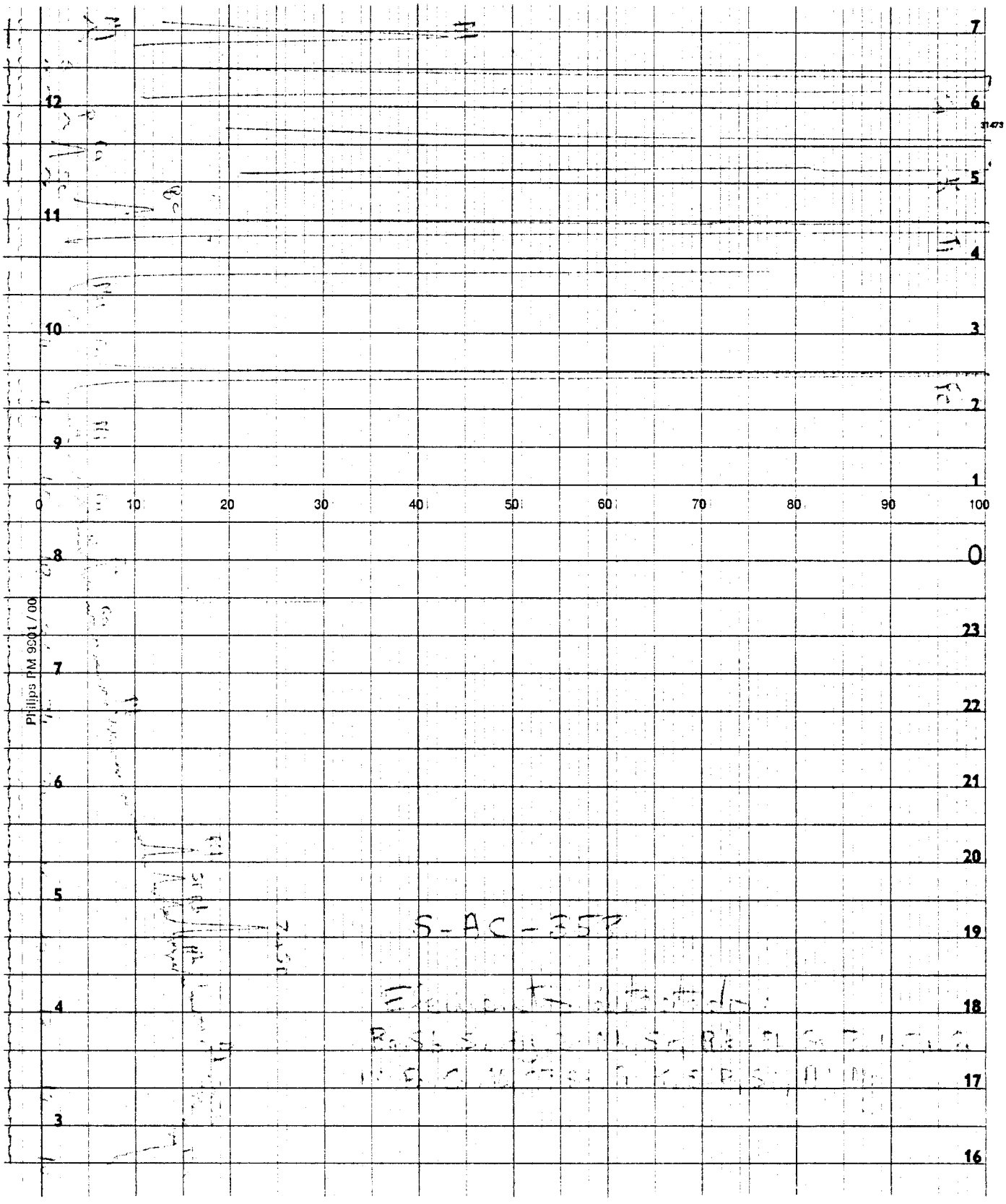
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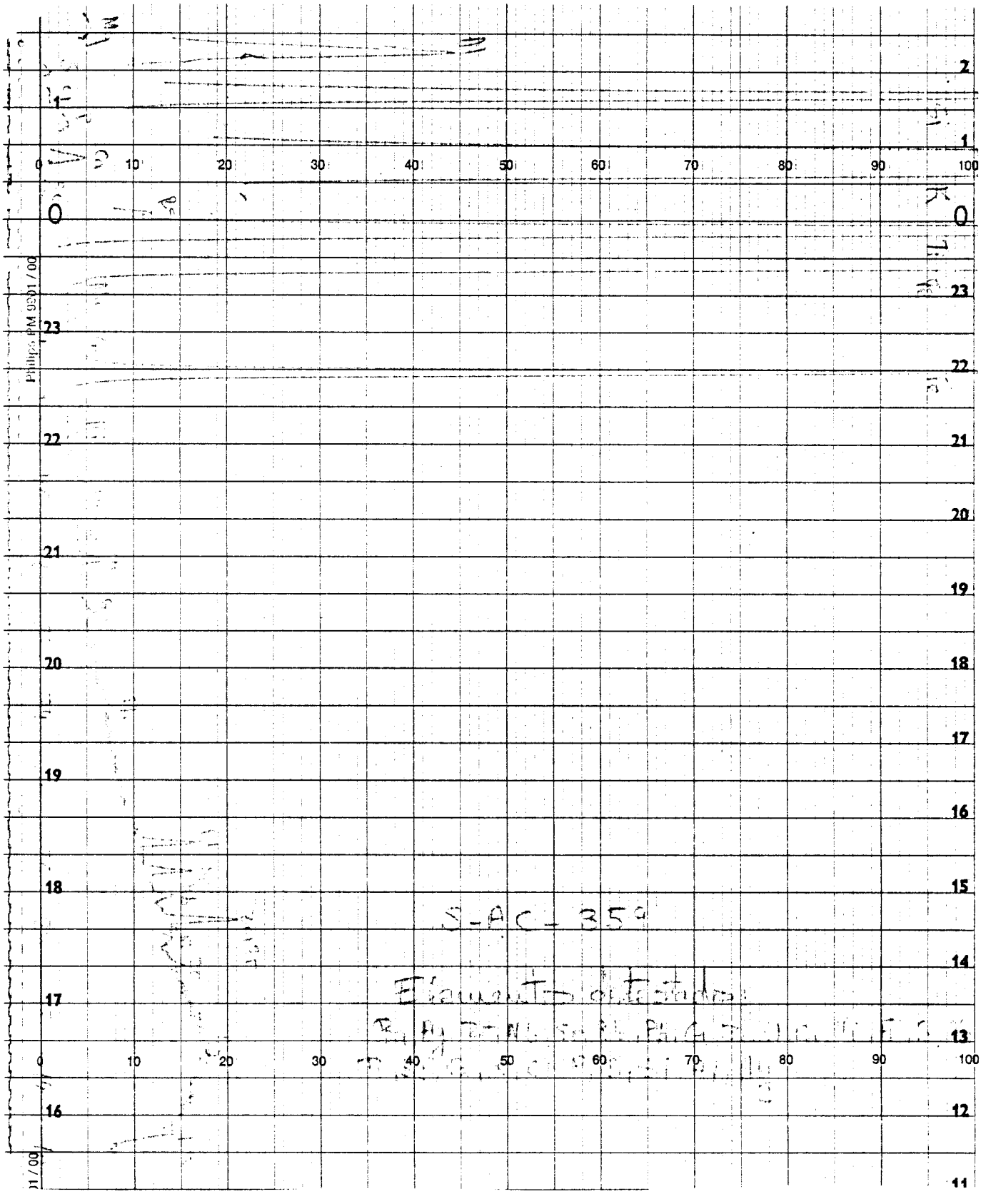
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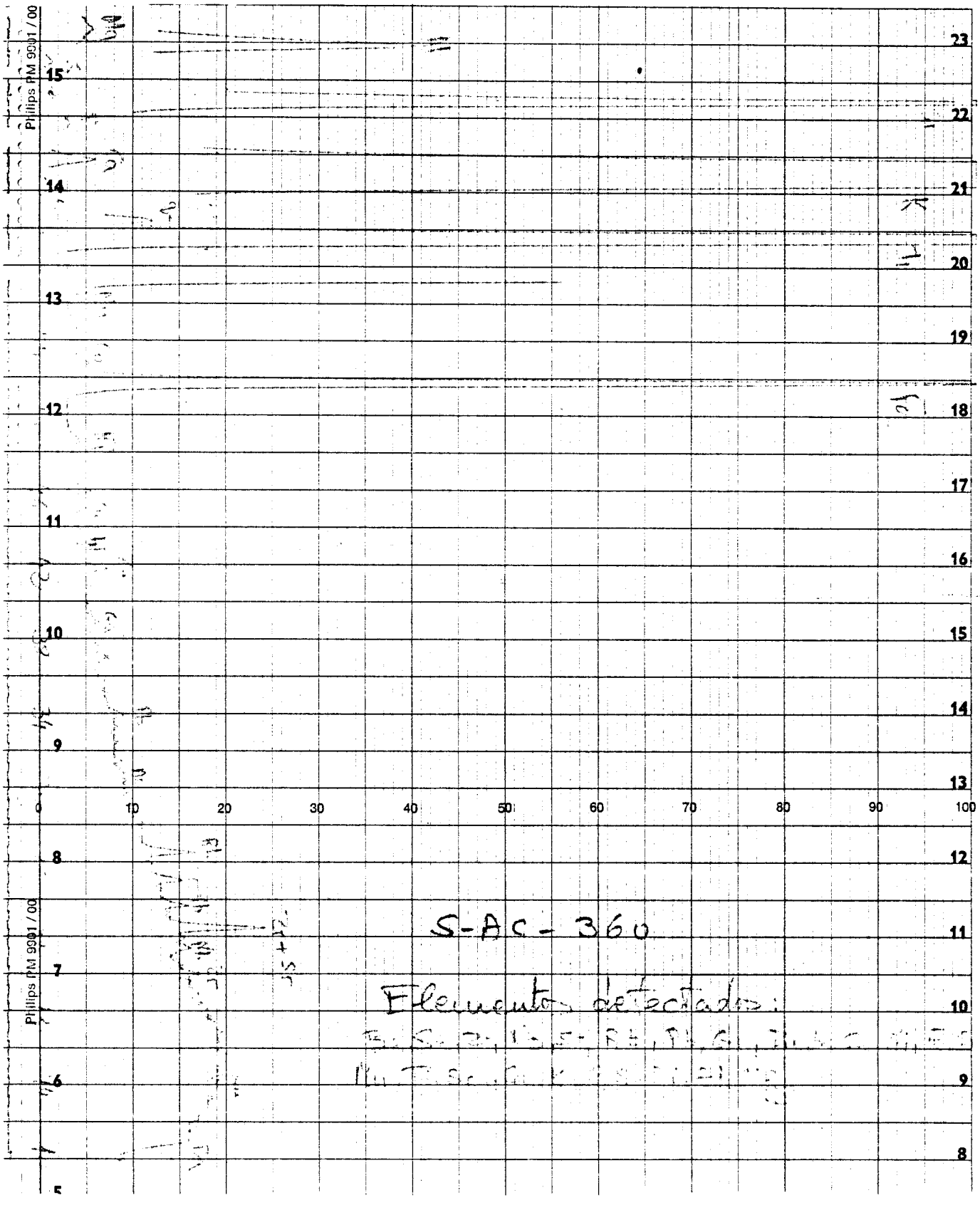
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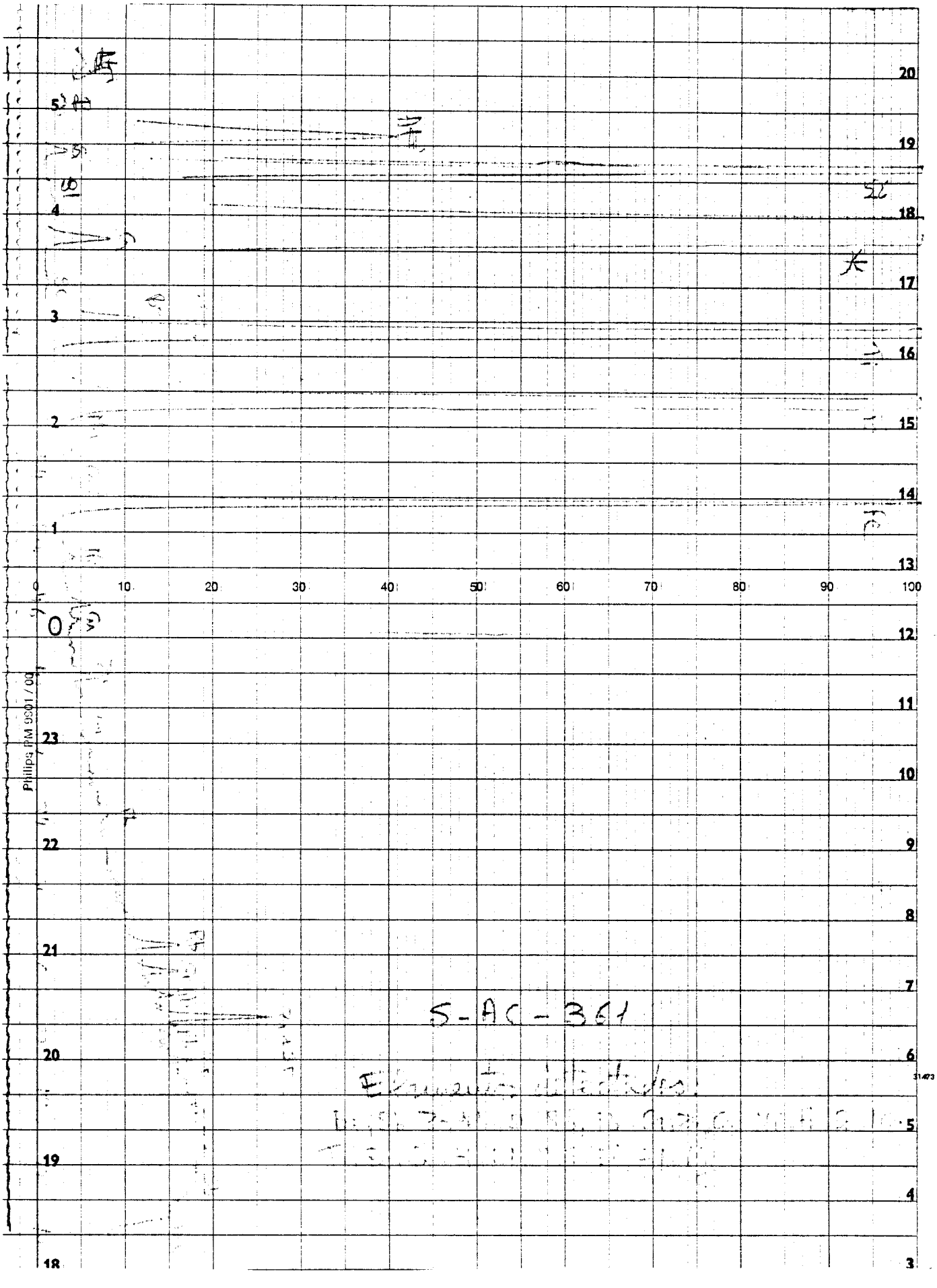
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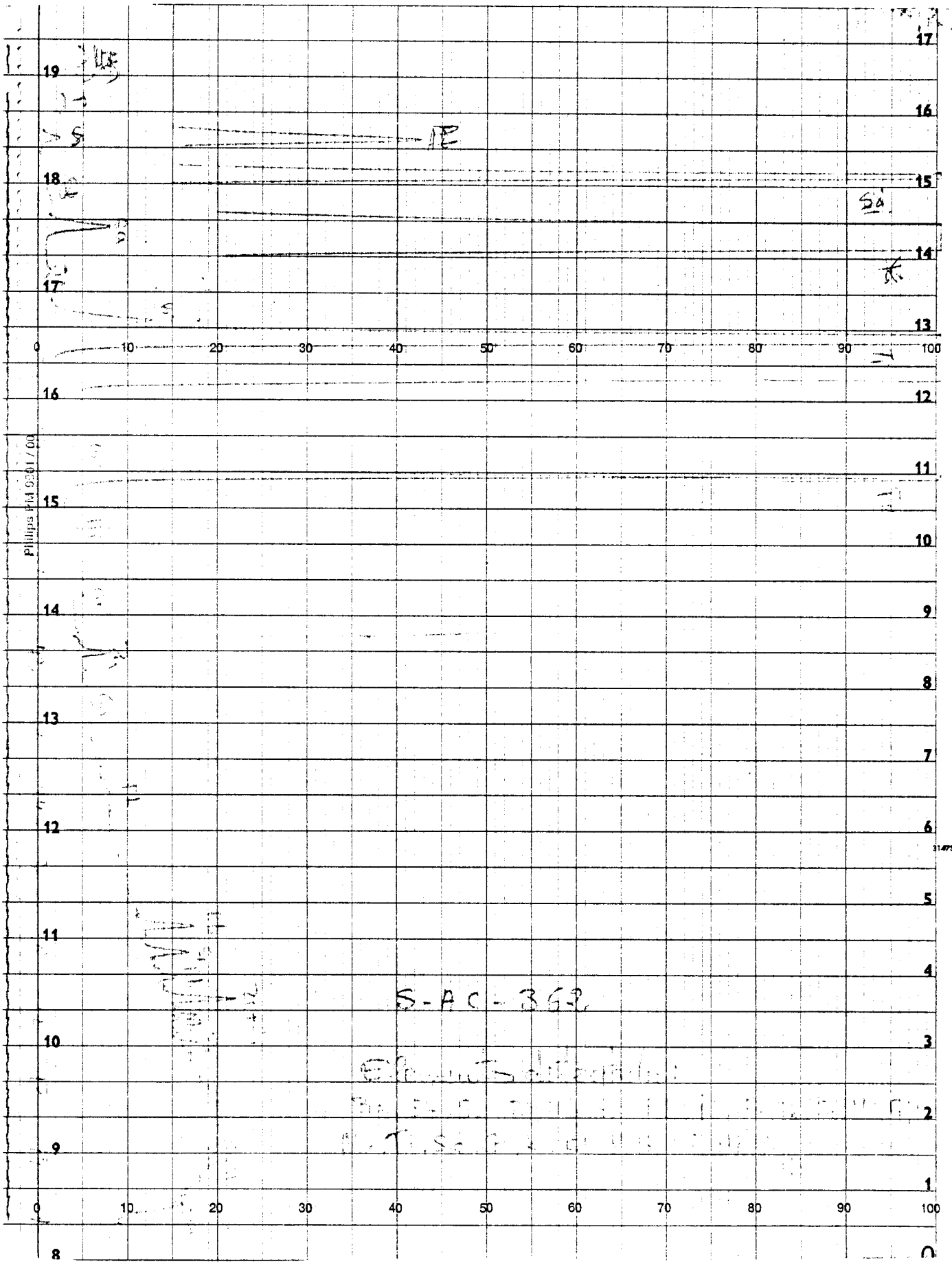
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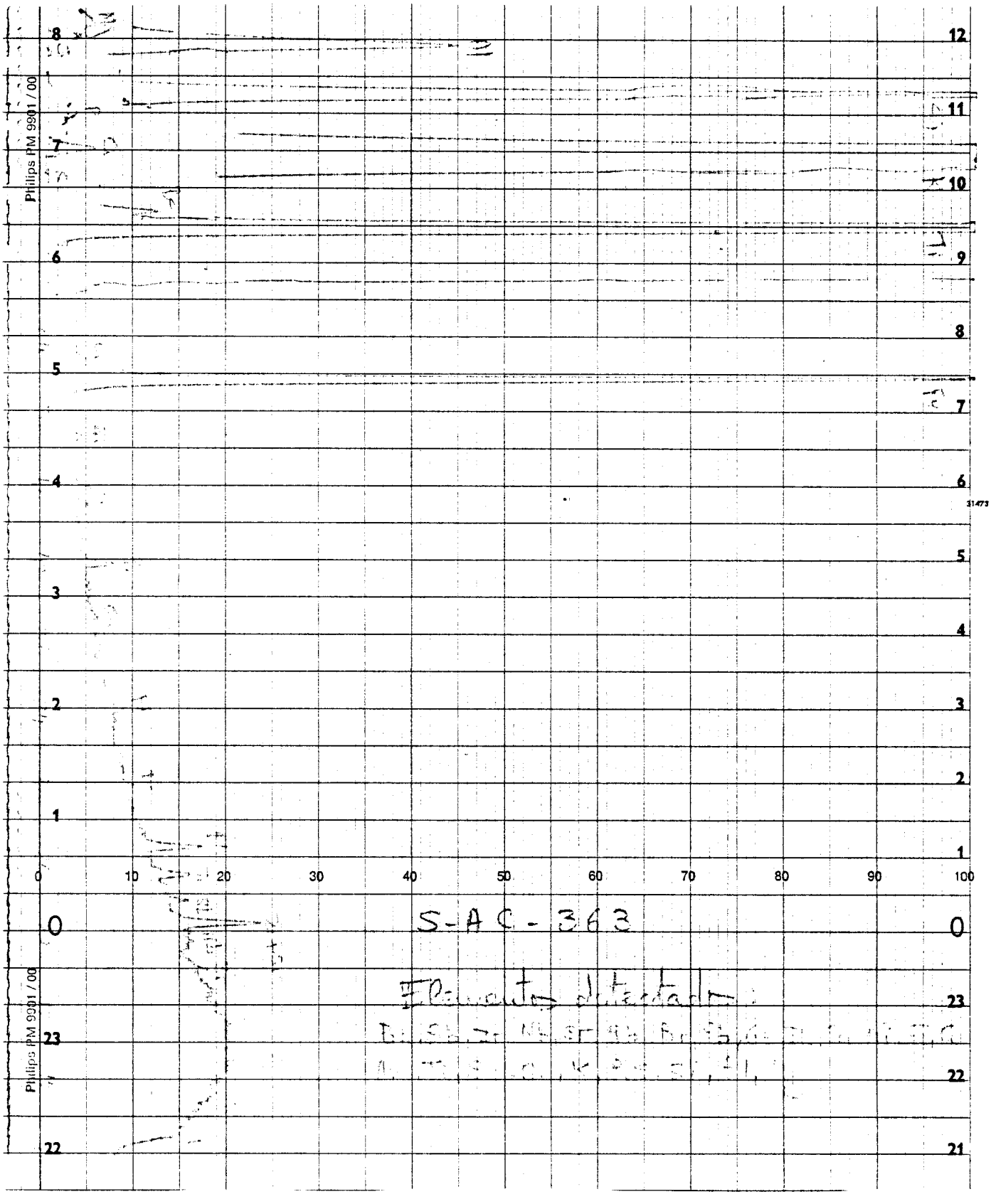
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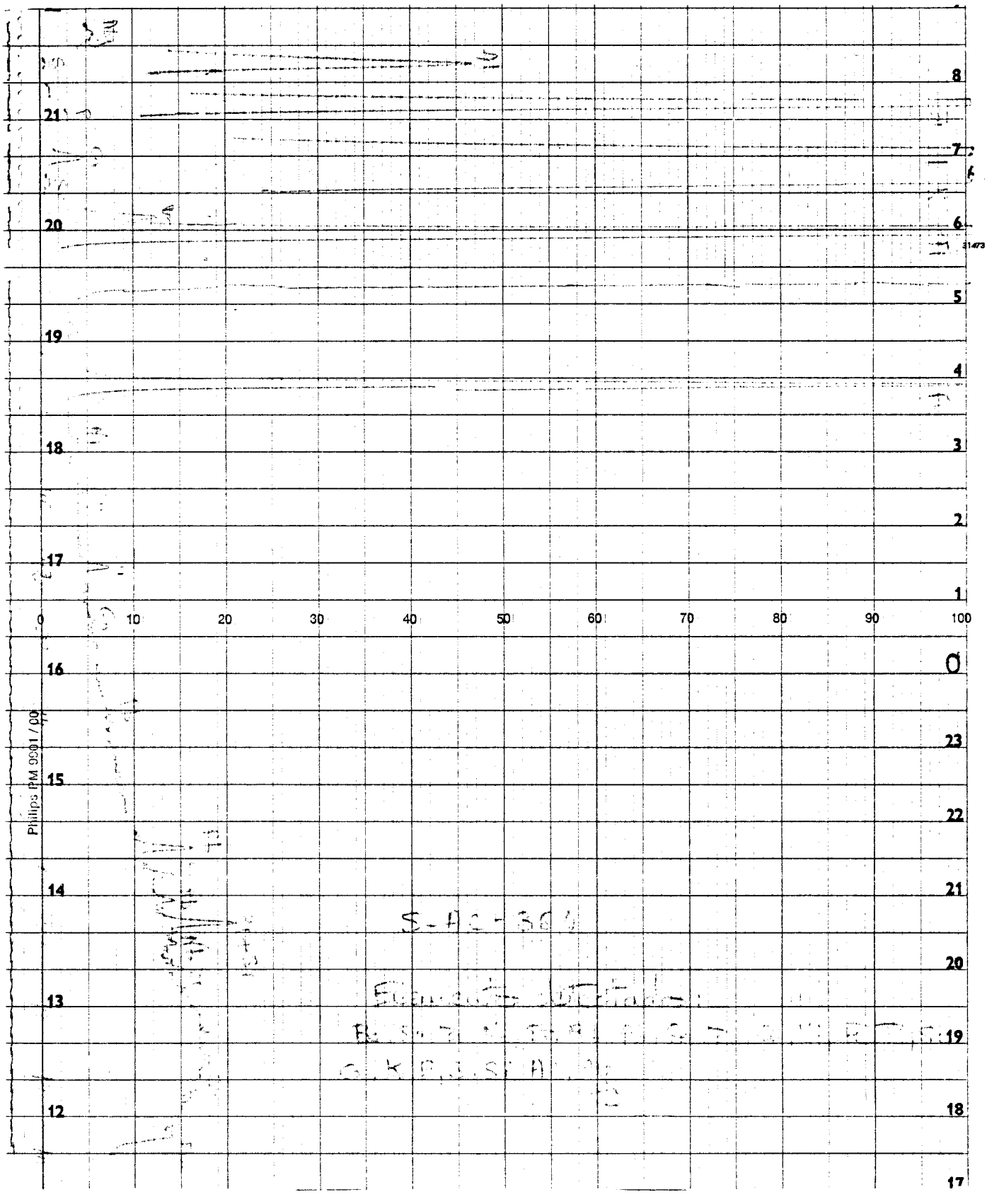
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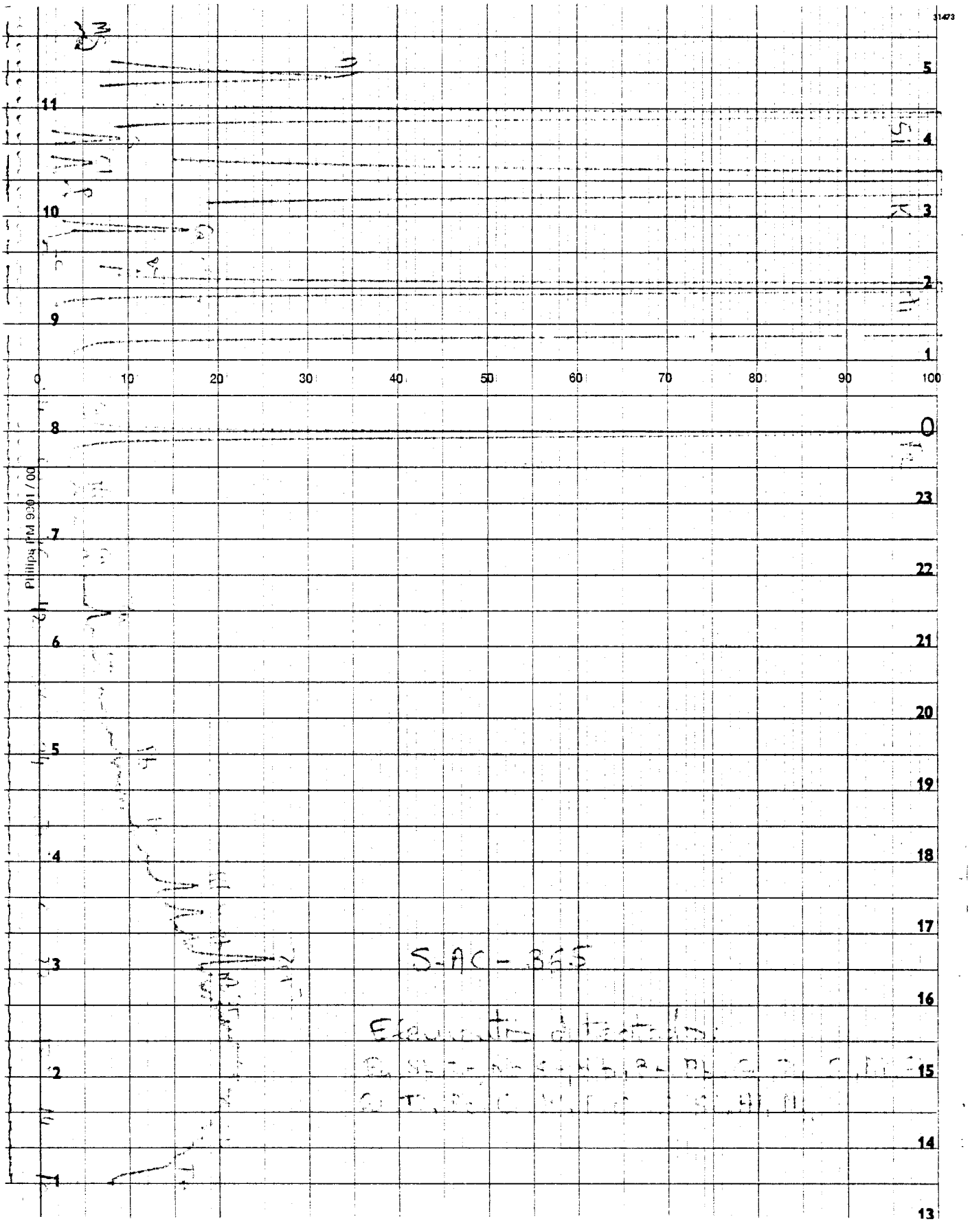
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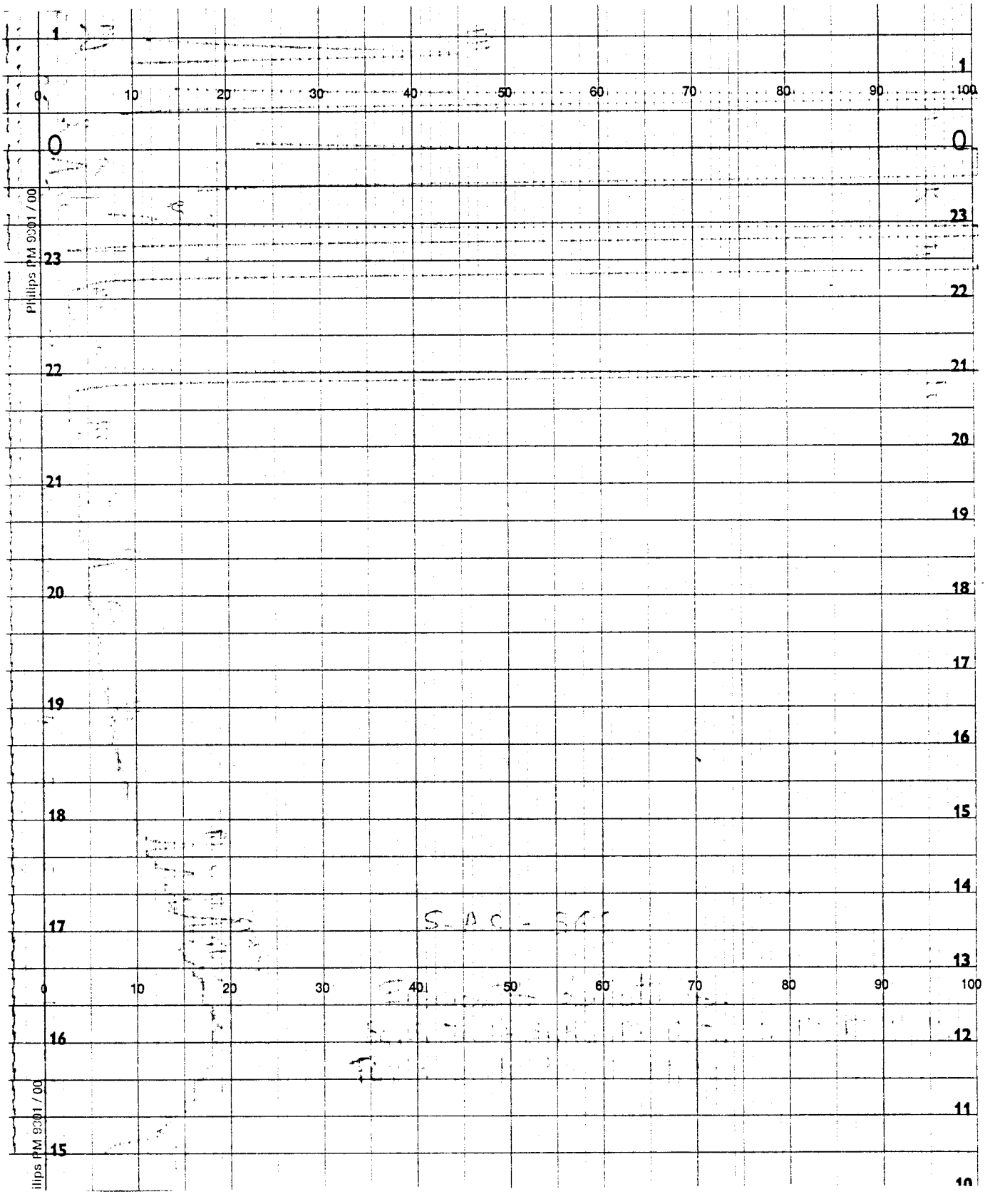
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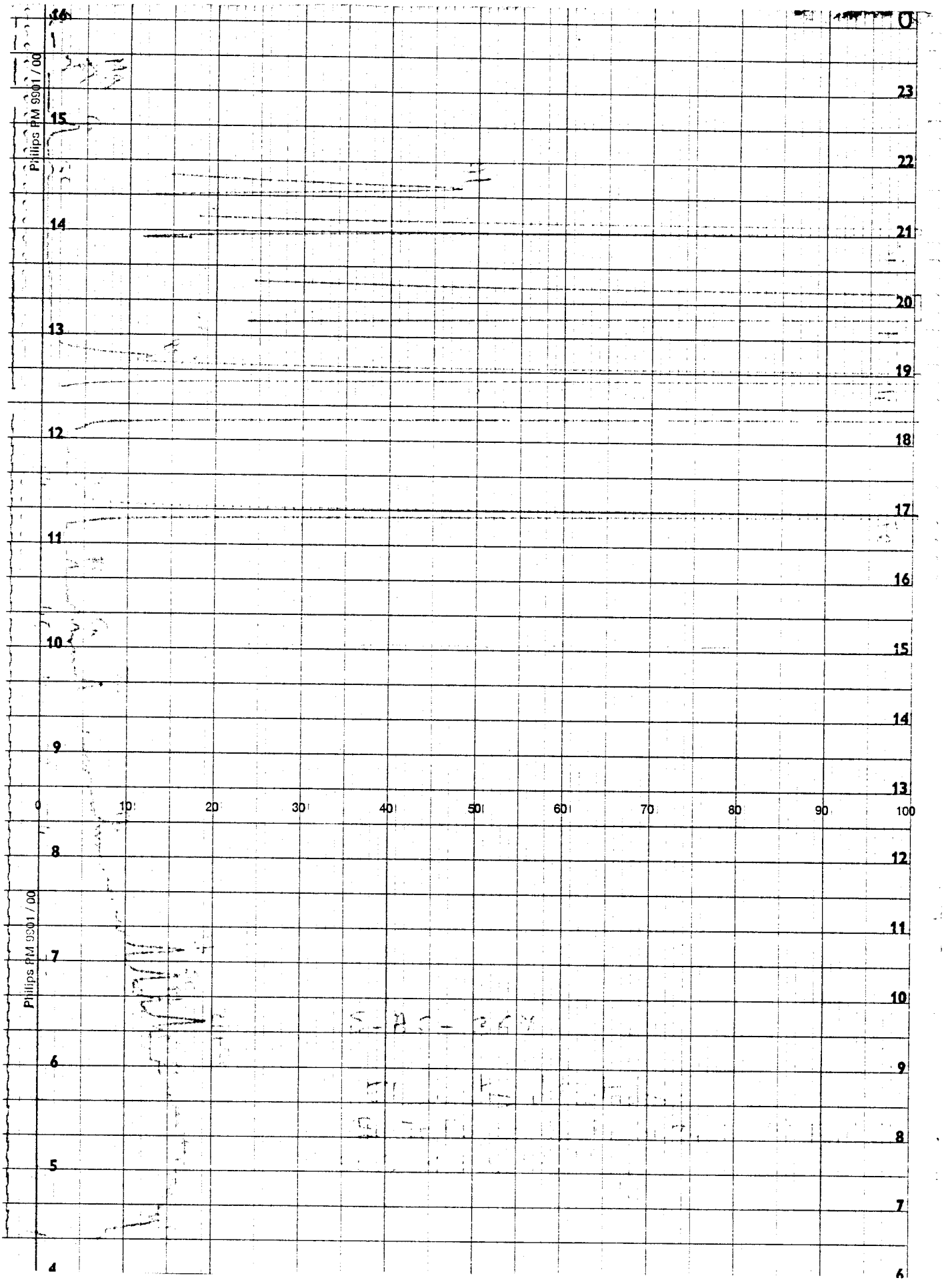
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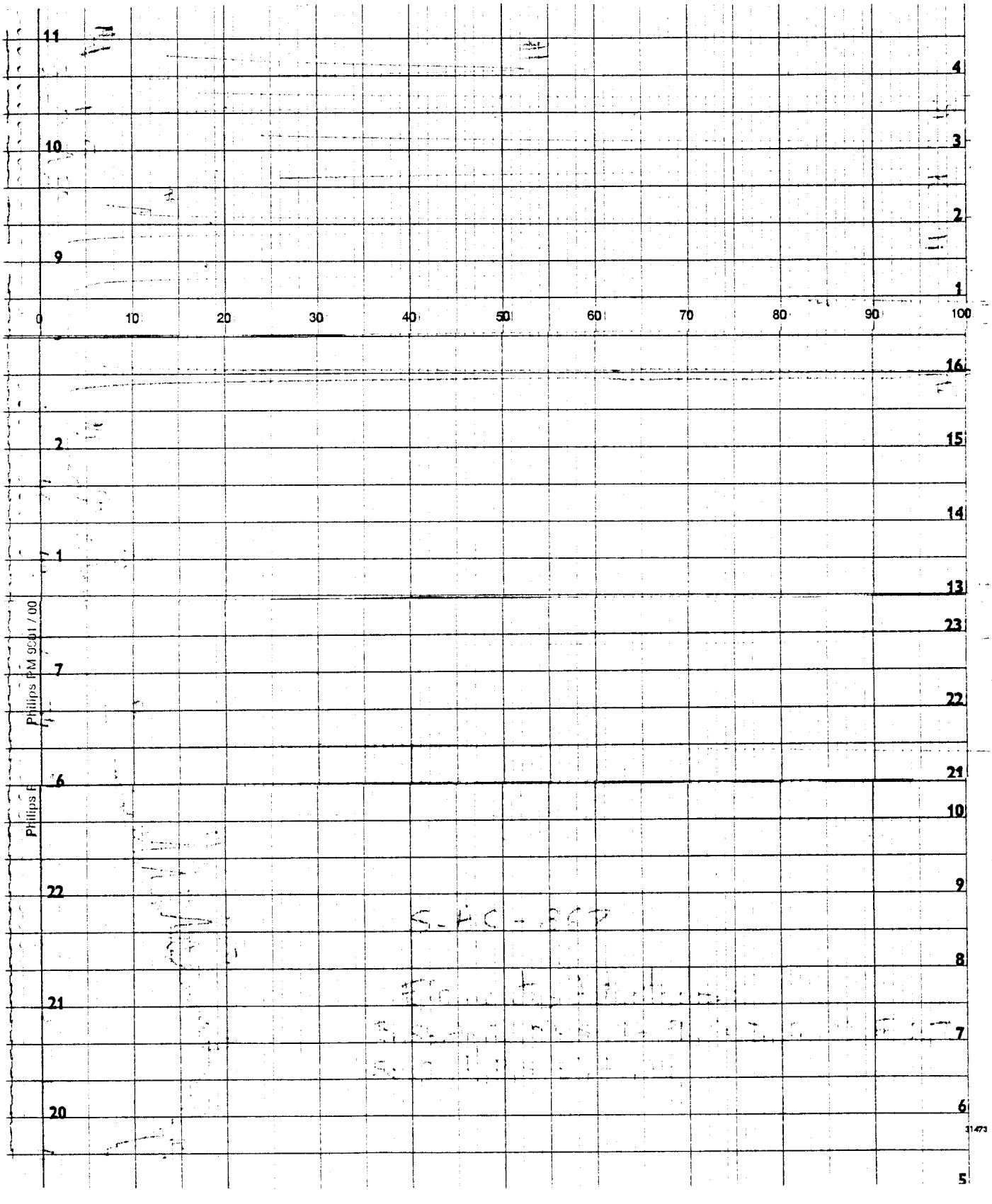
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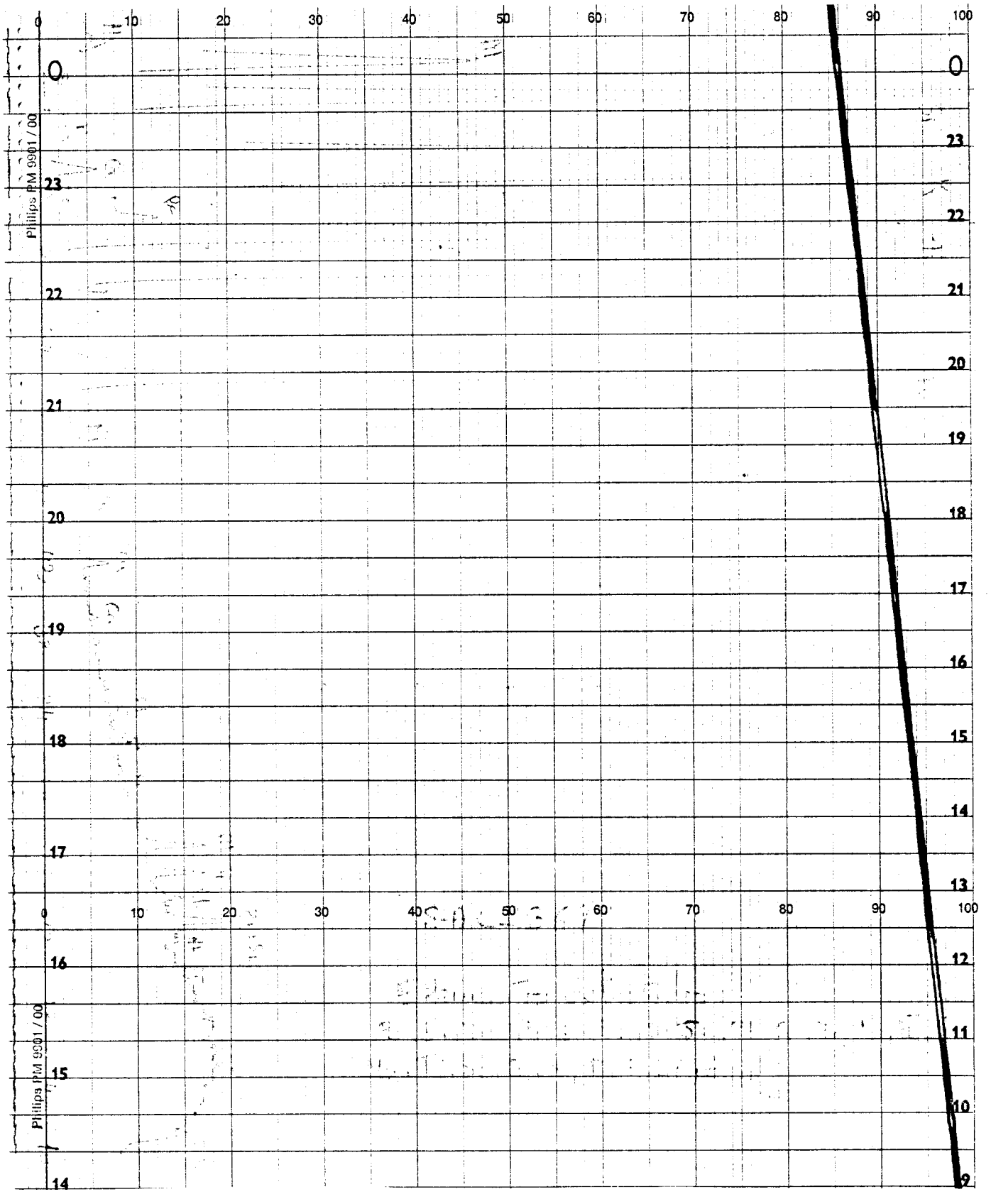
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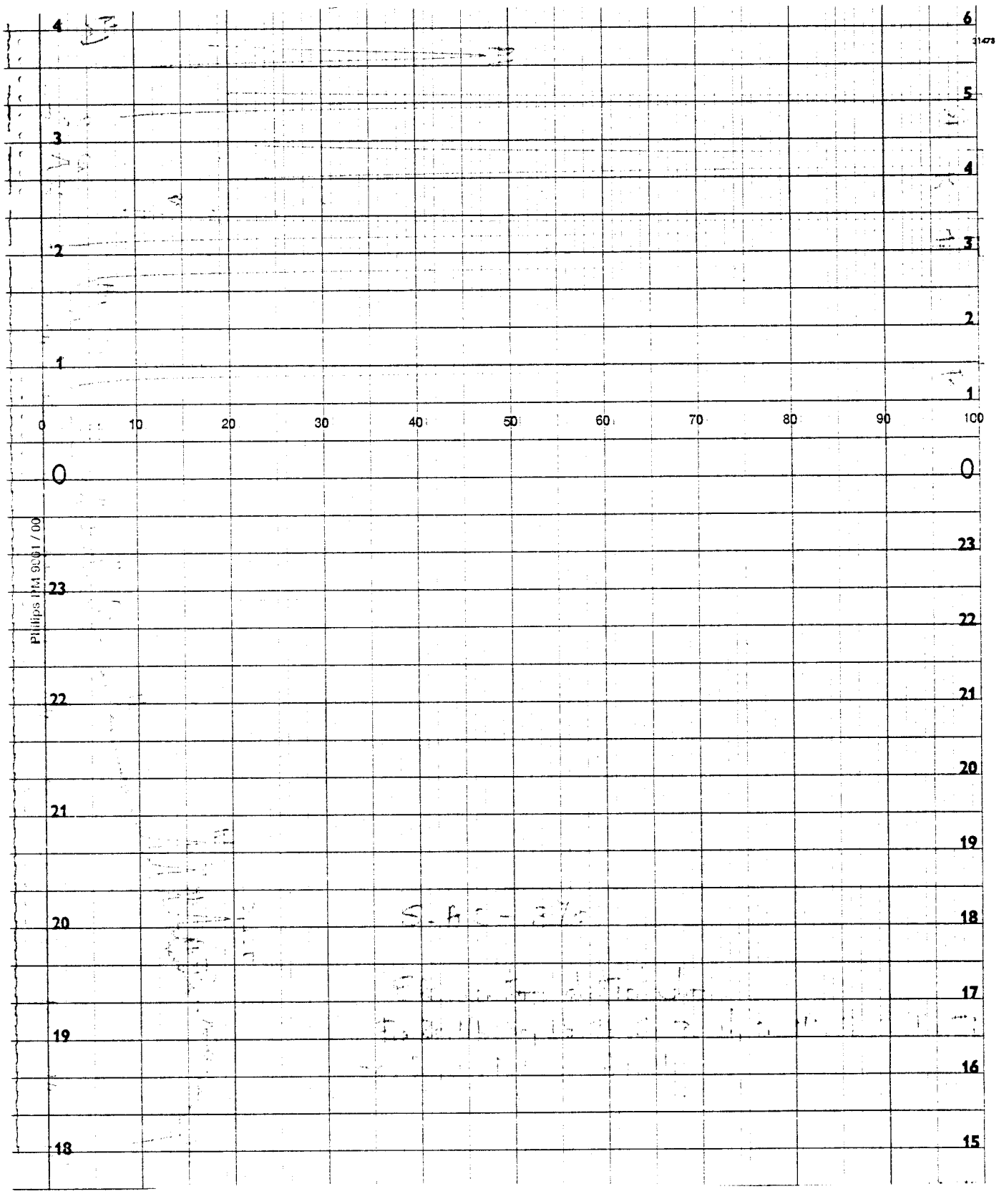
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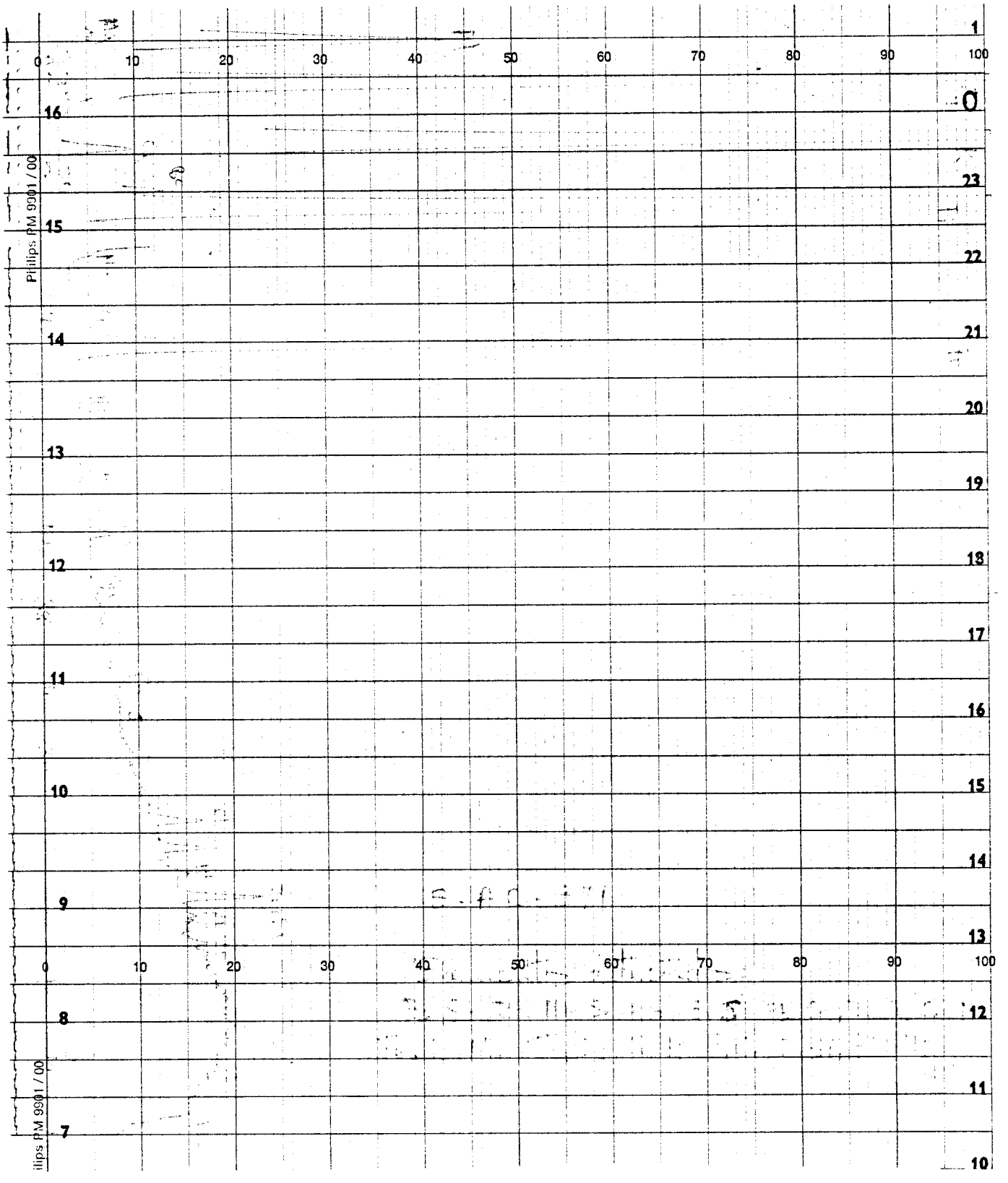
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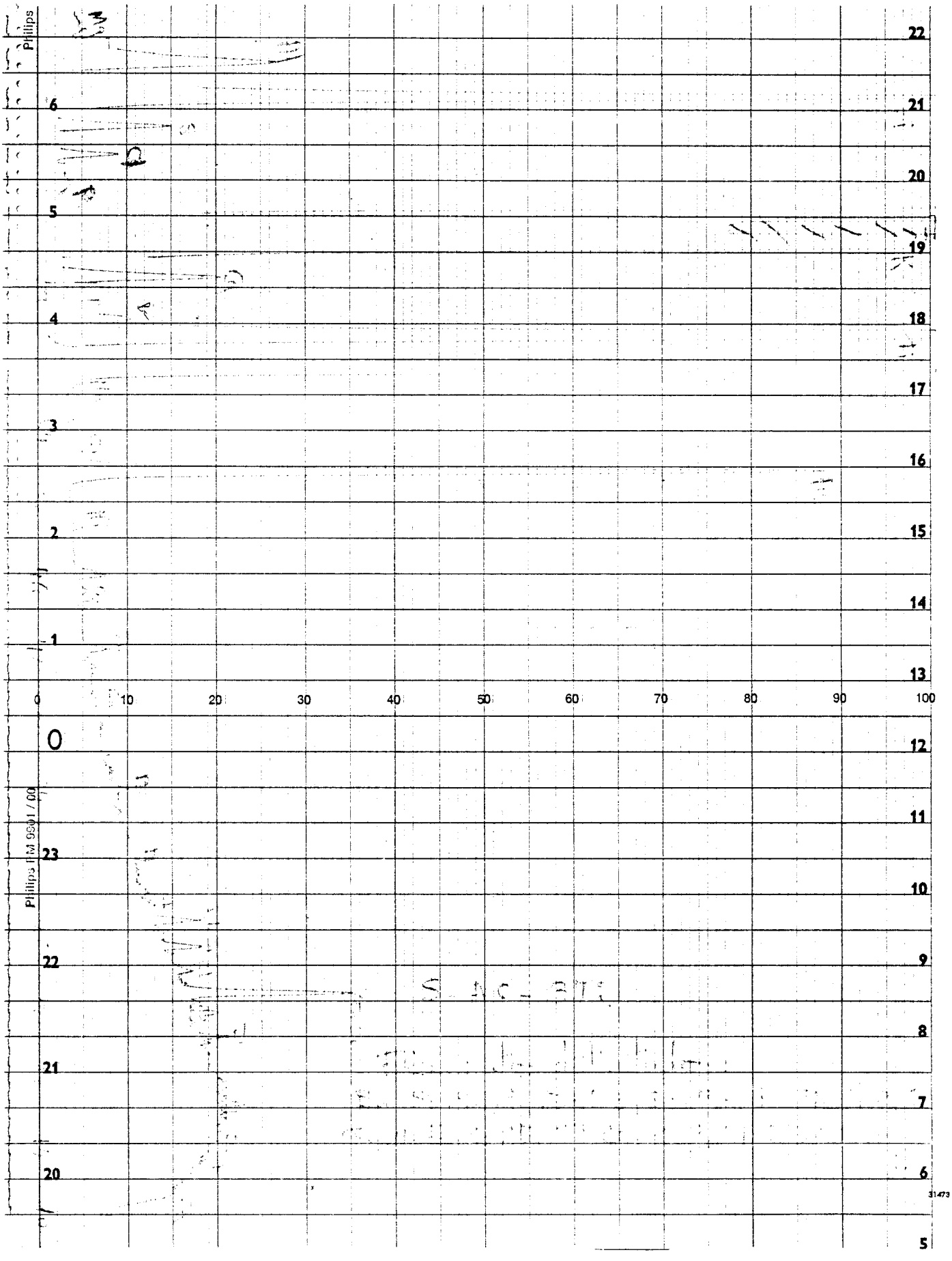
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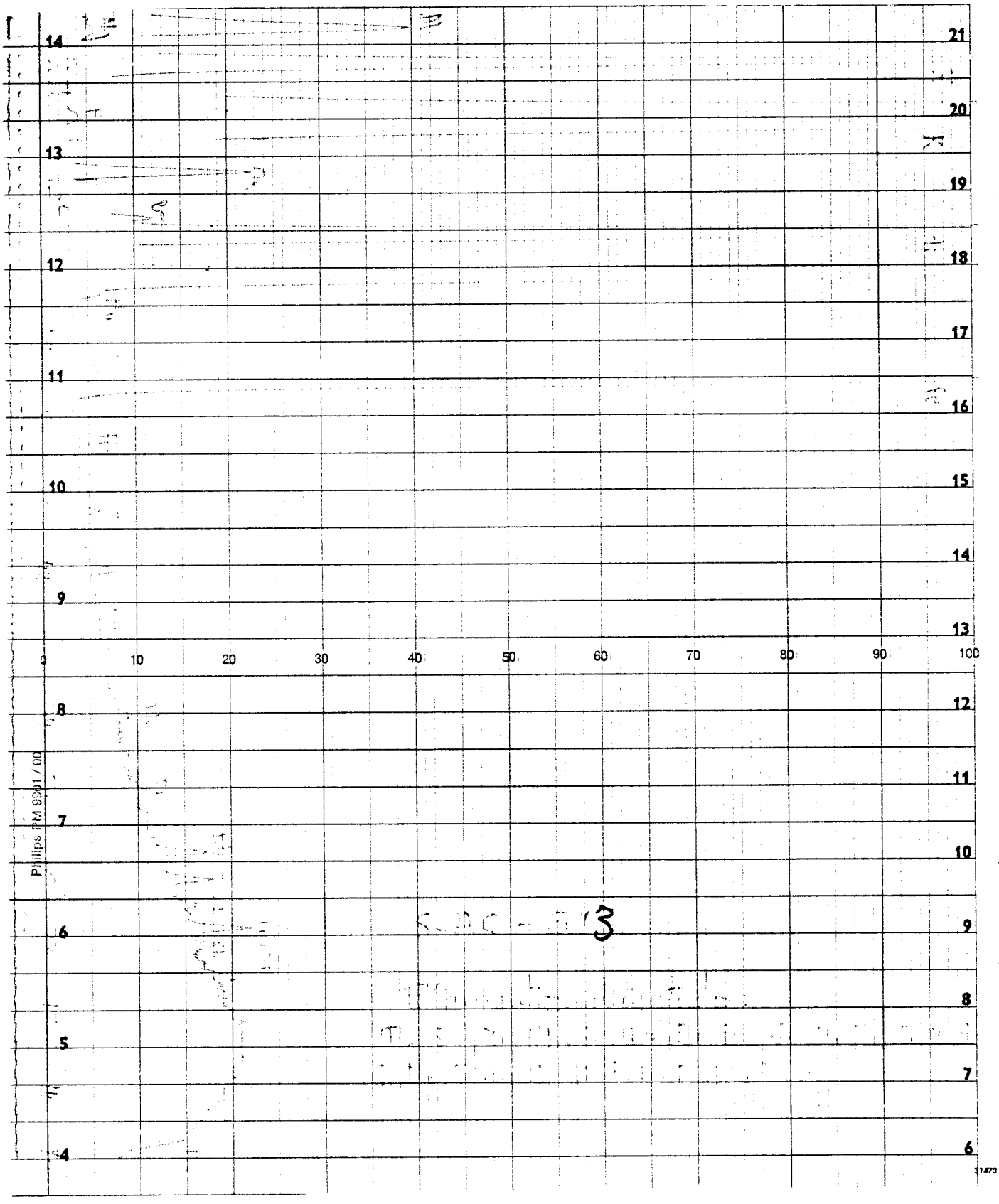
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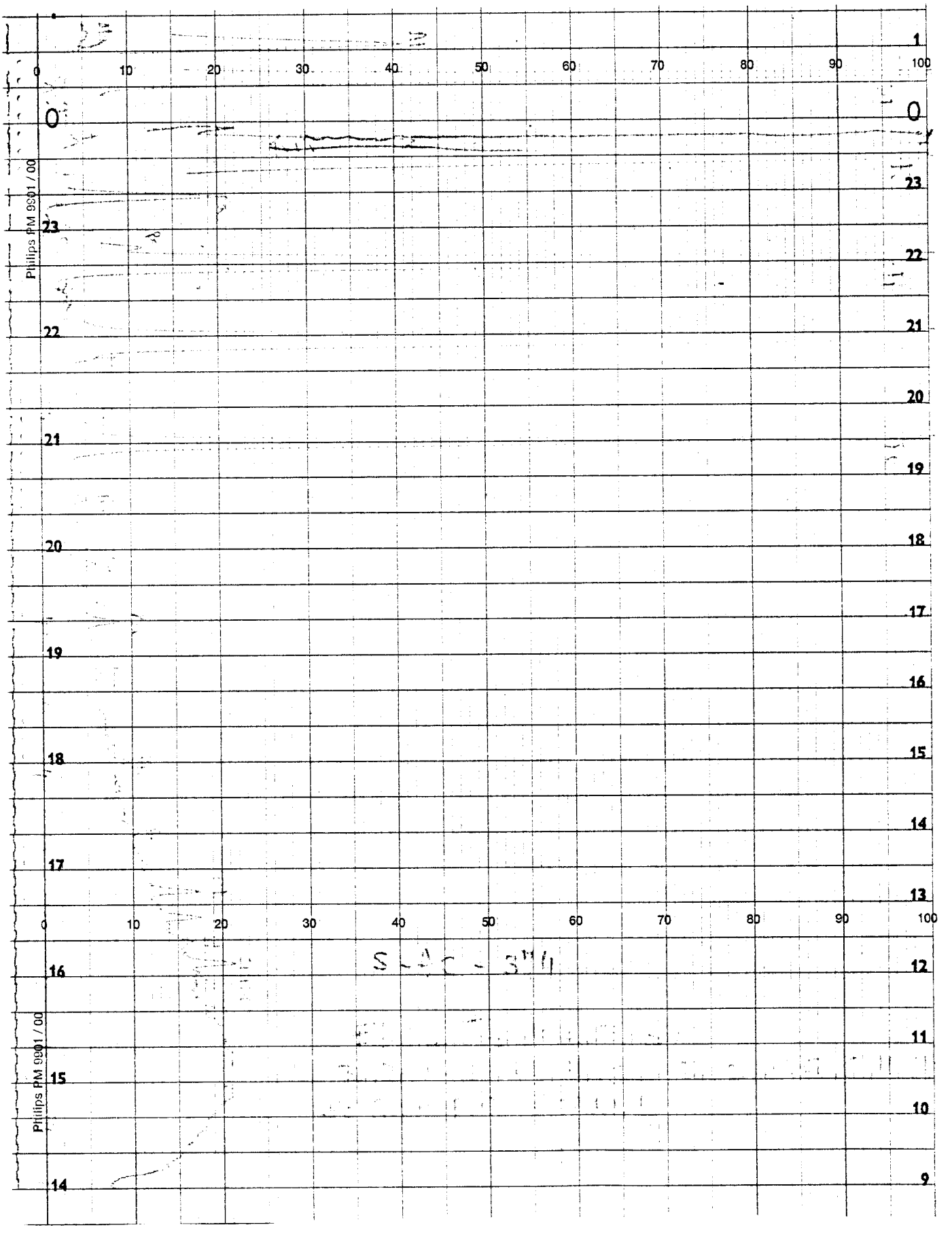
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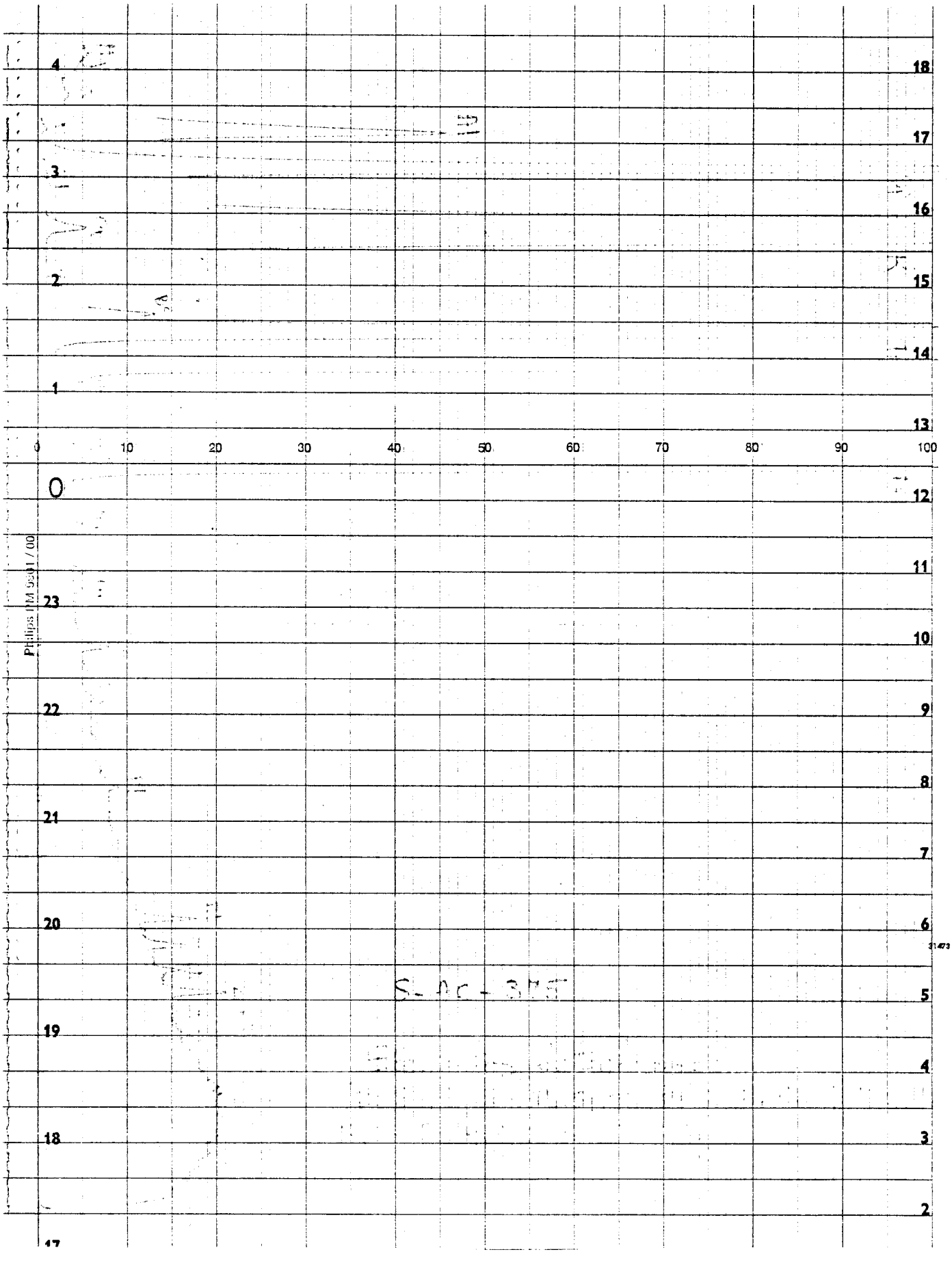
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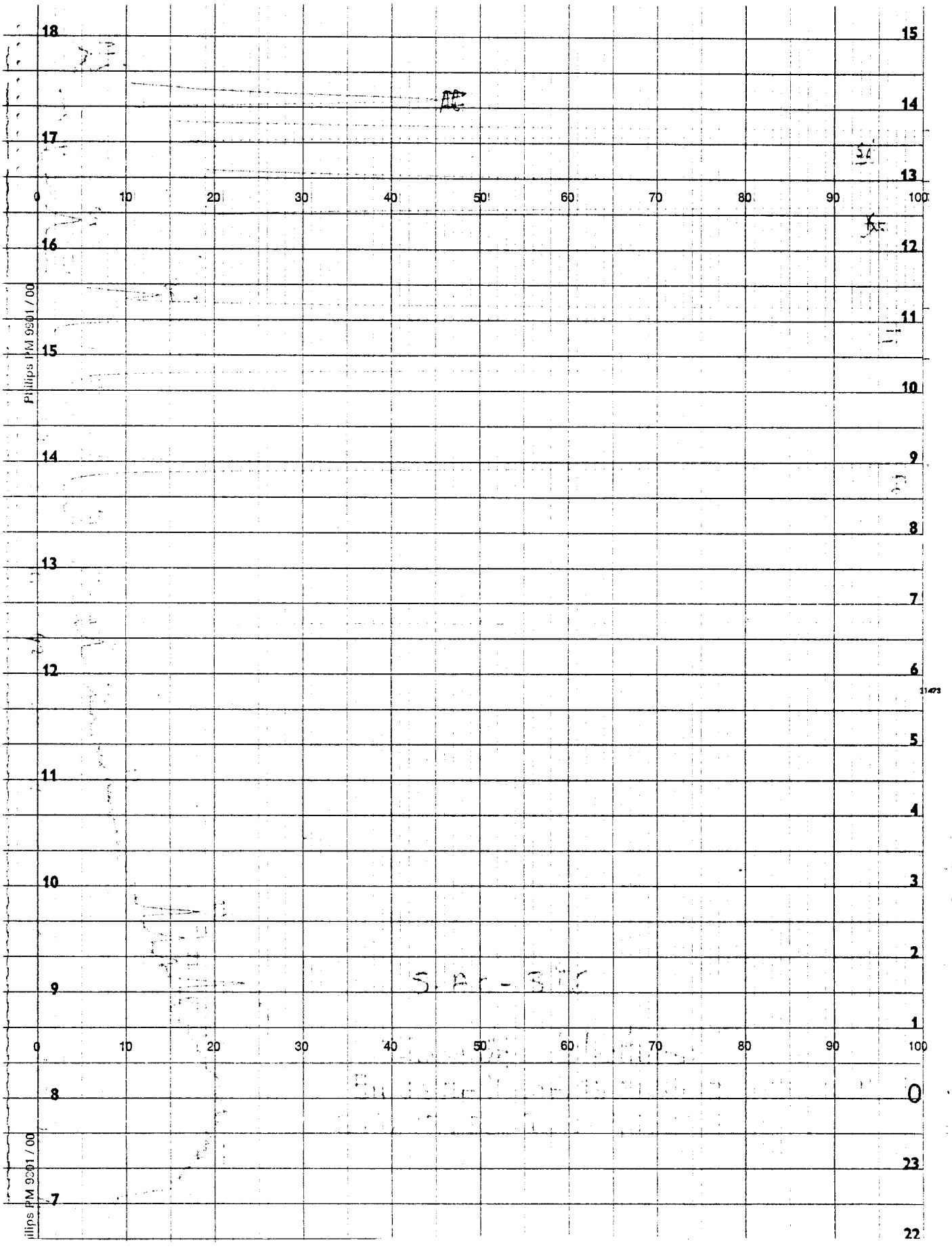

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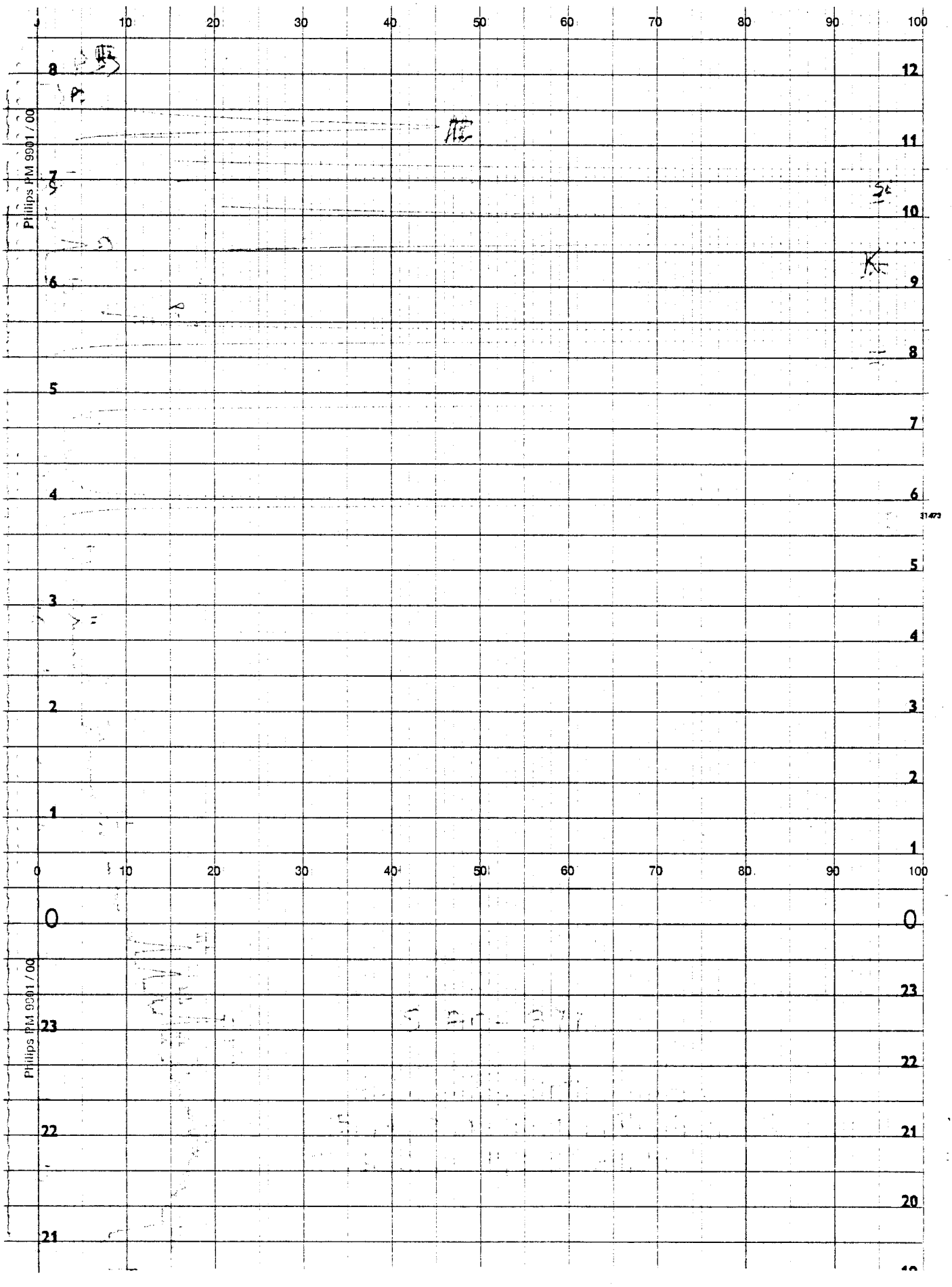
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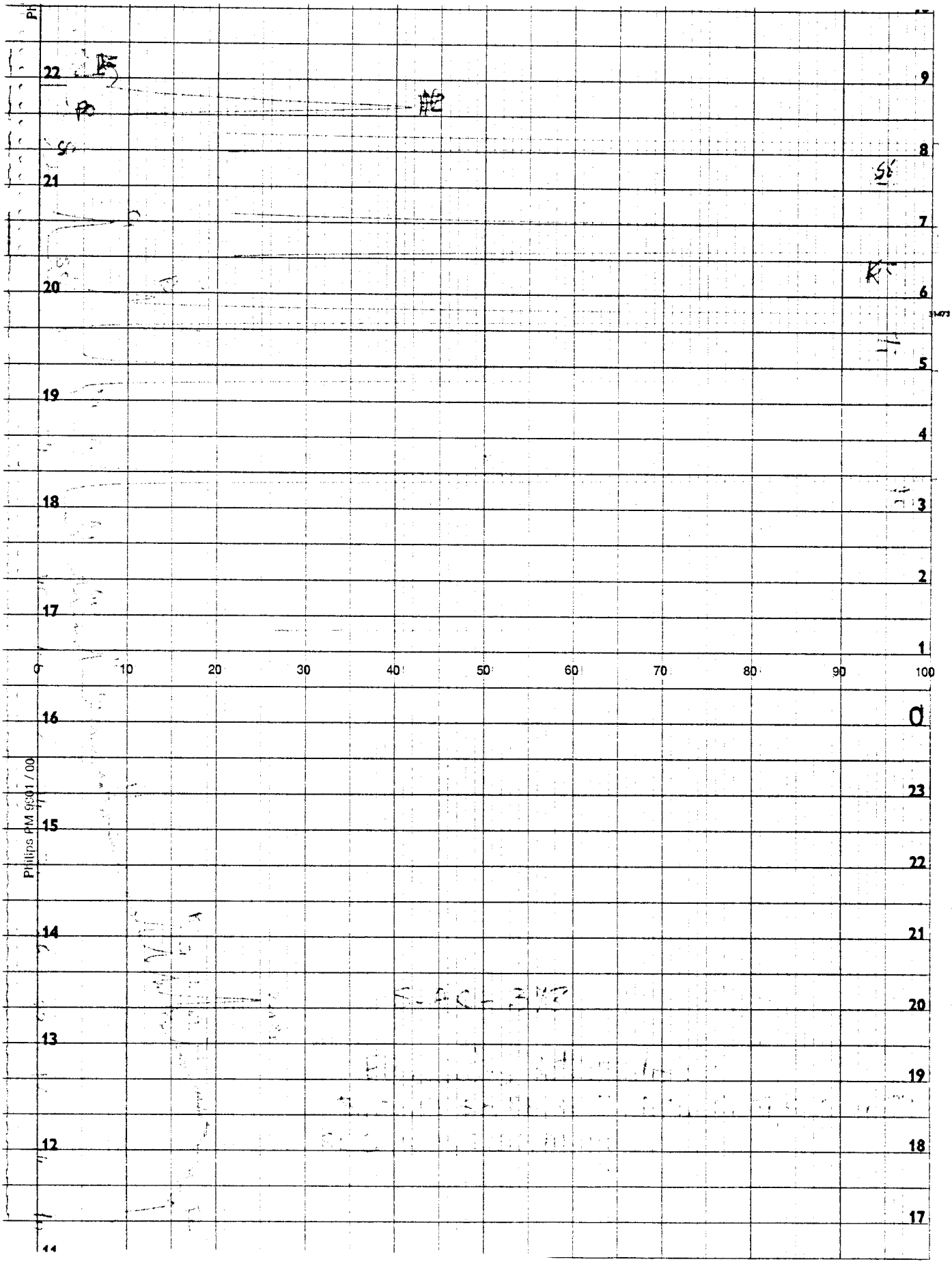
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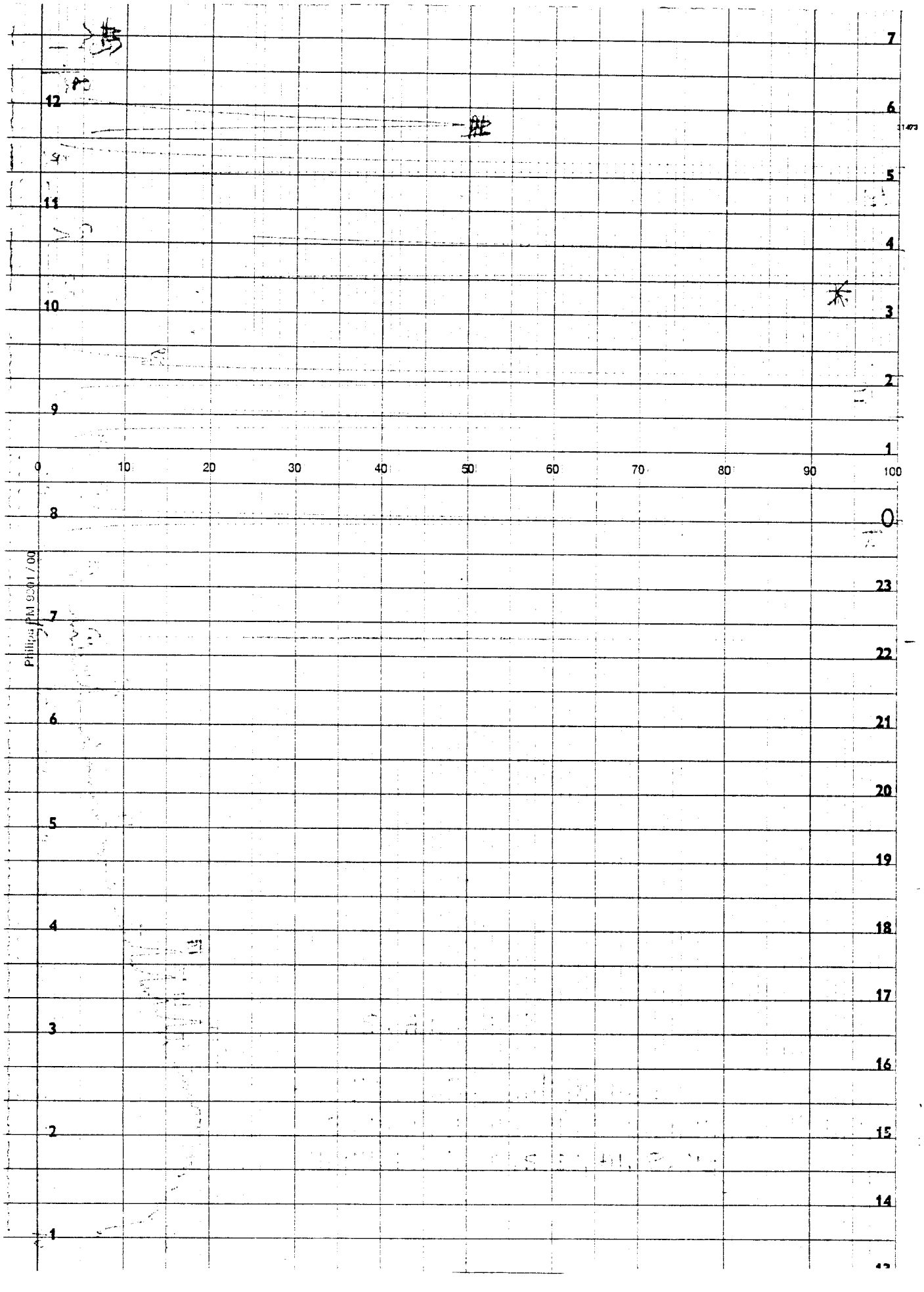
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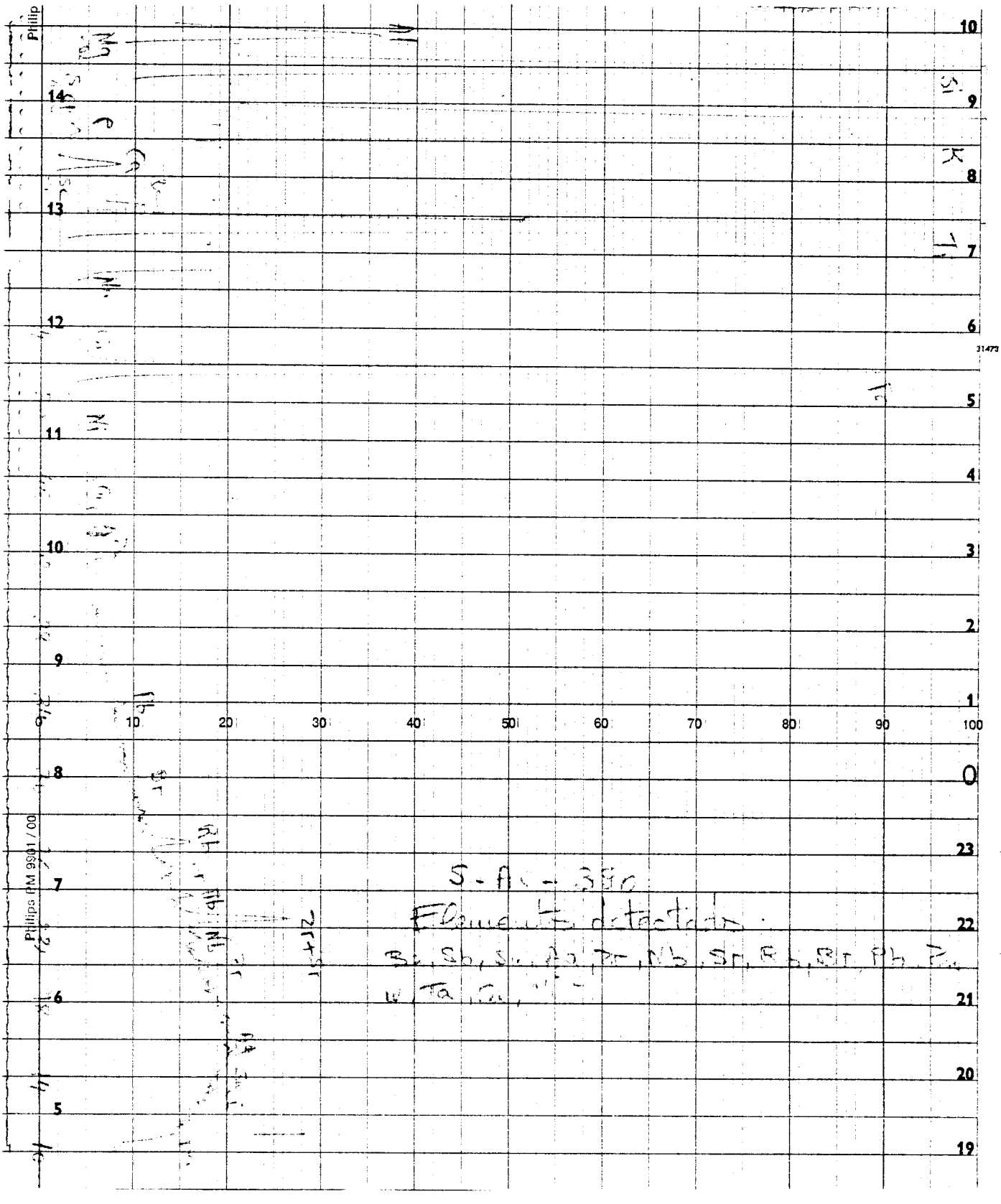
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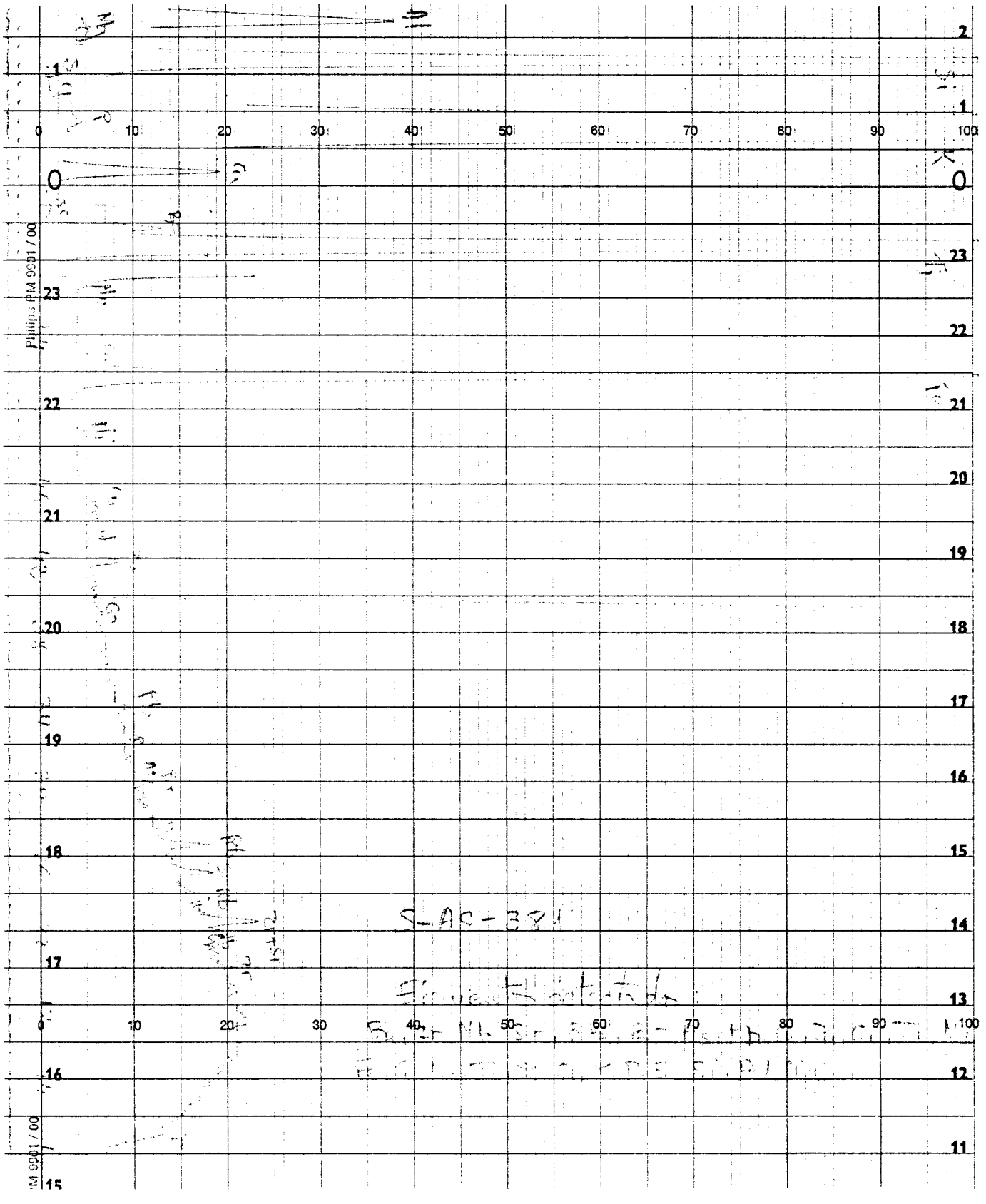
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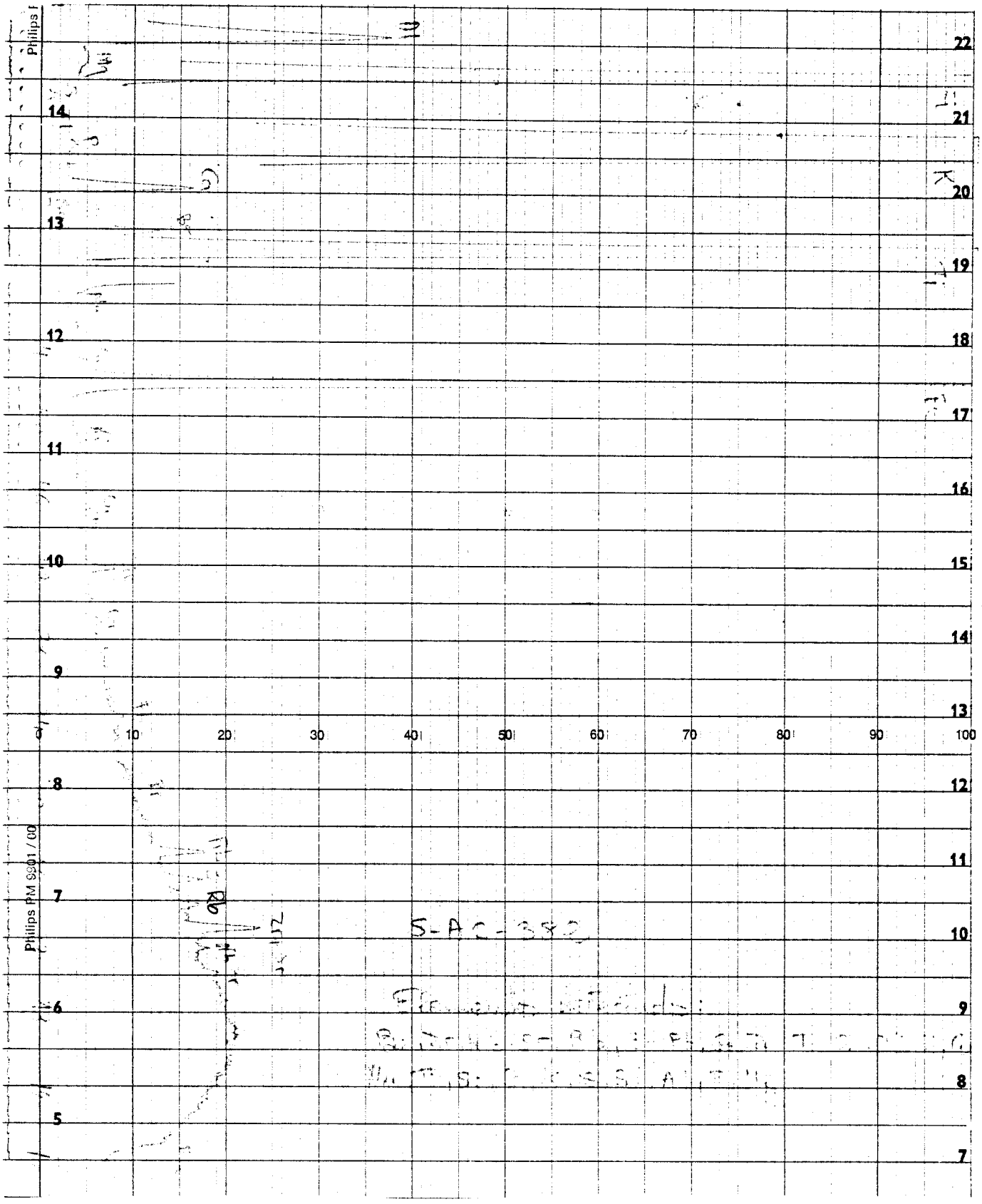
S-AC-381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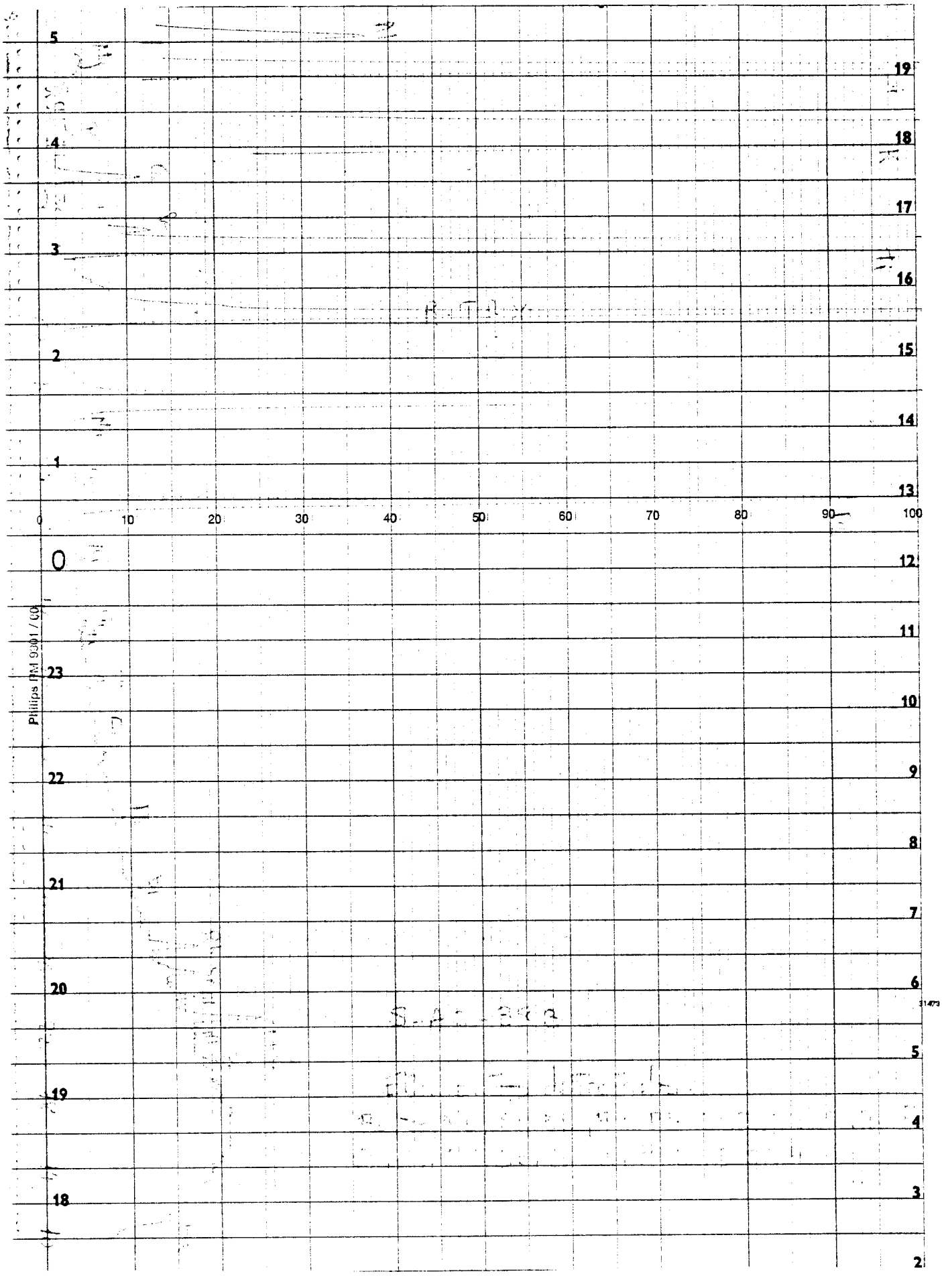
S-AC-382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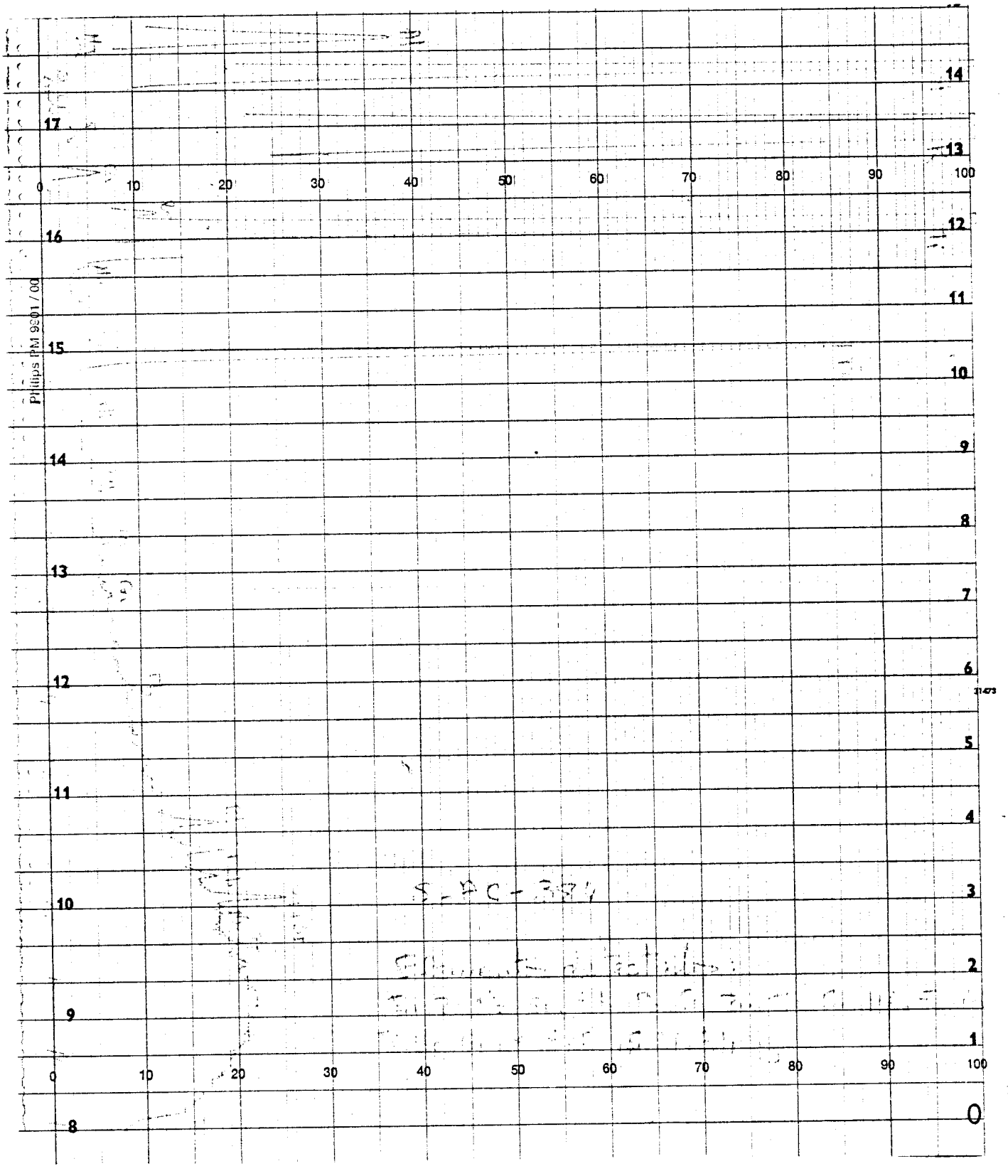
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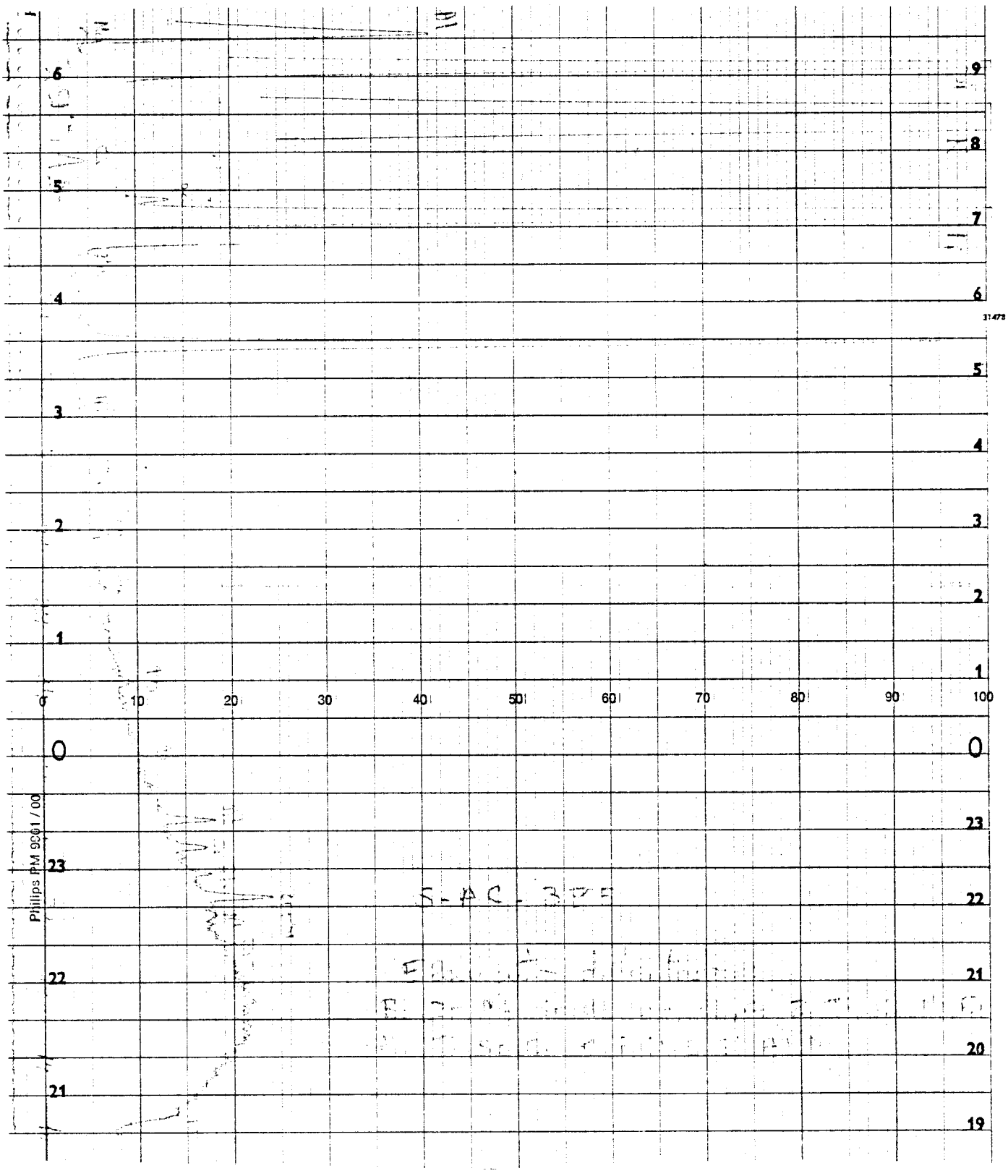
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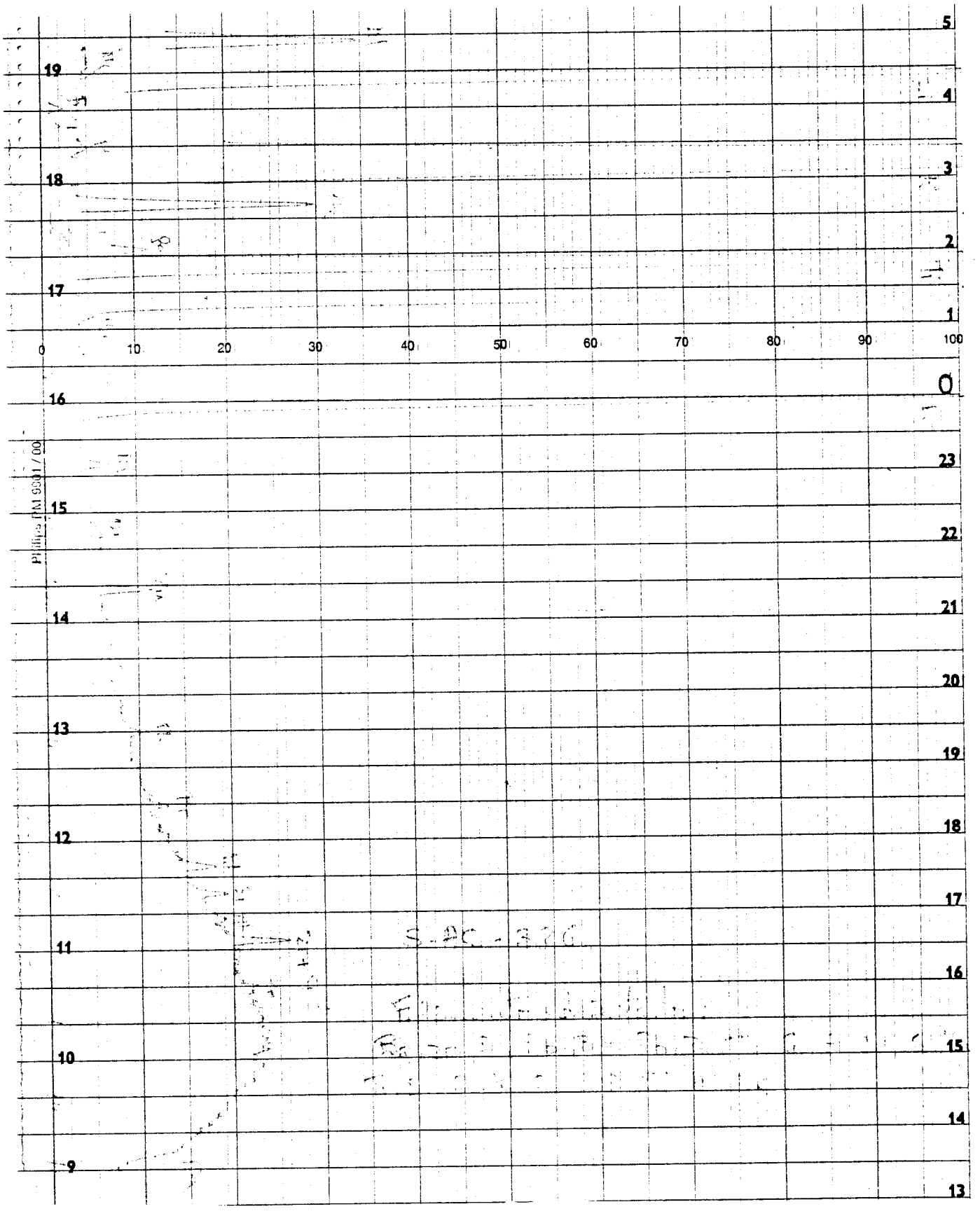
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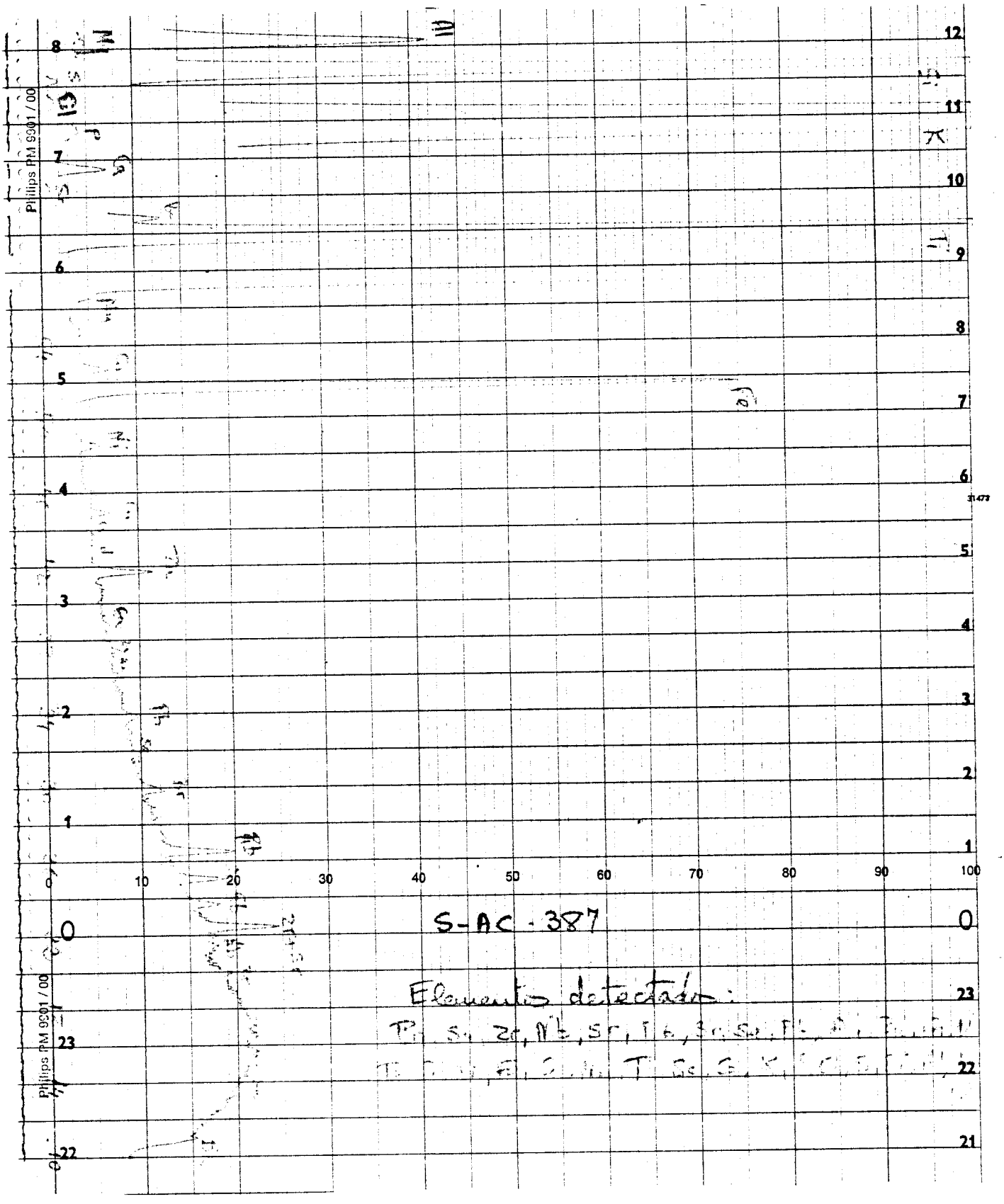
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S-AC-387
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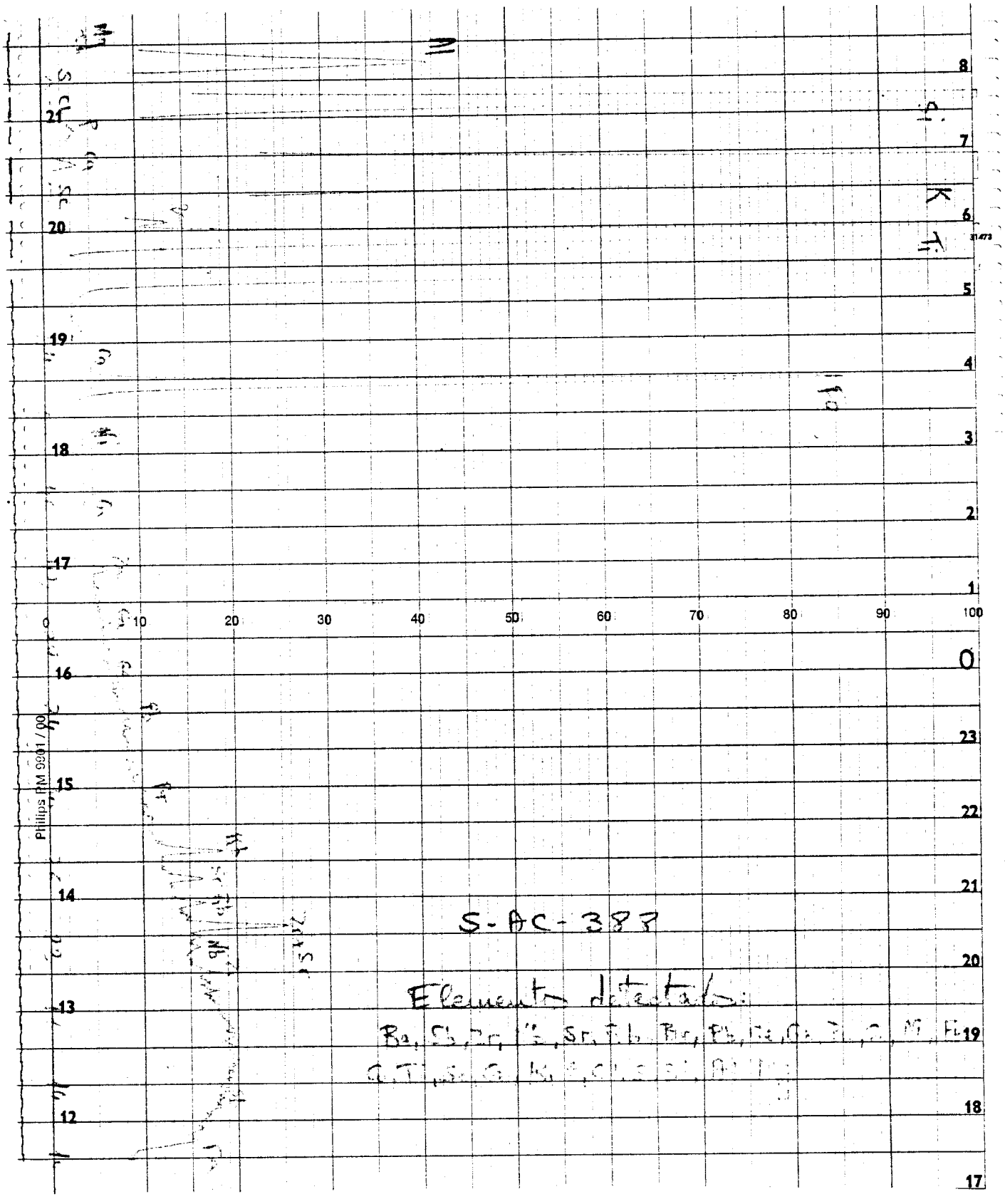
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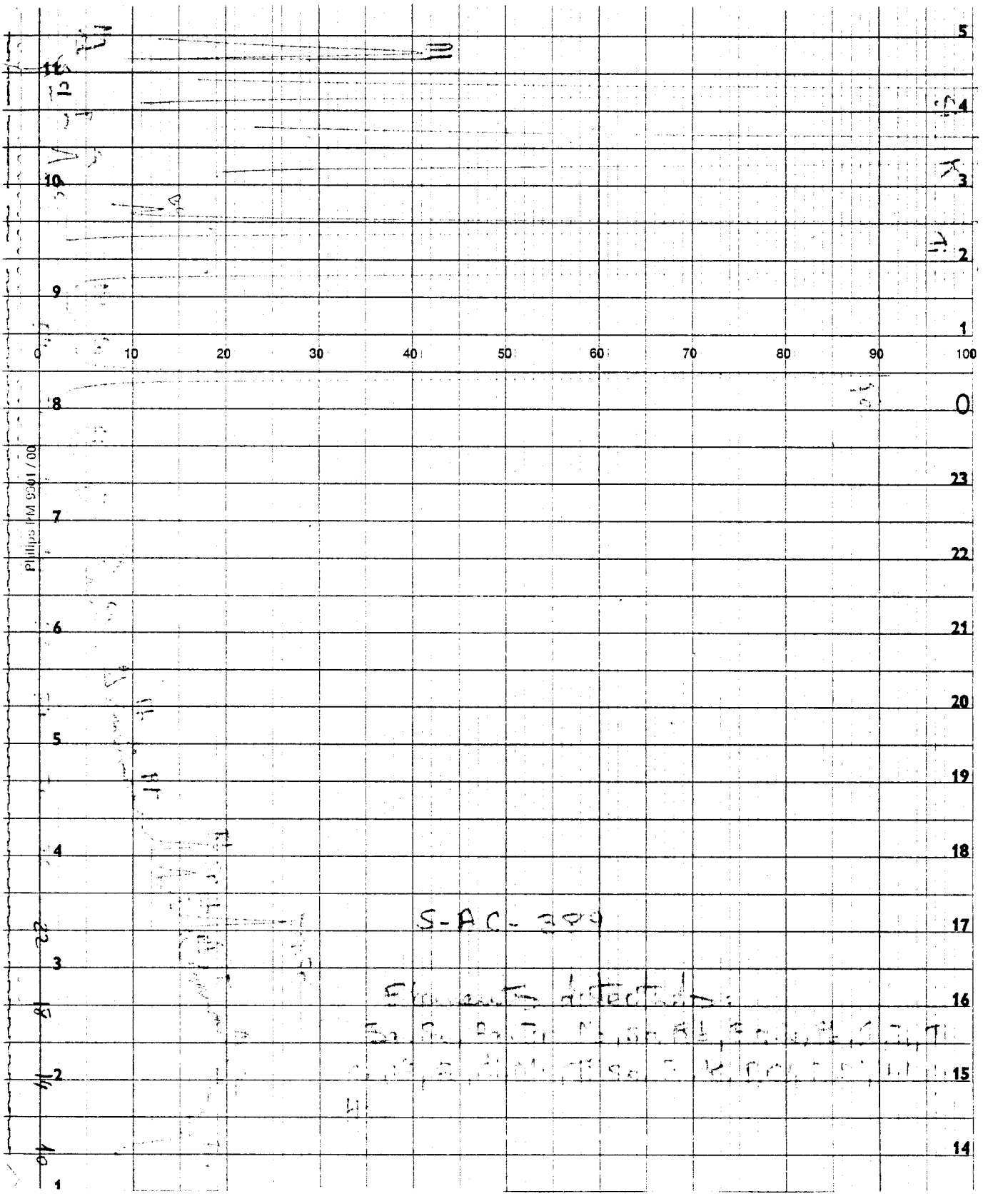
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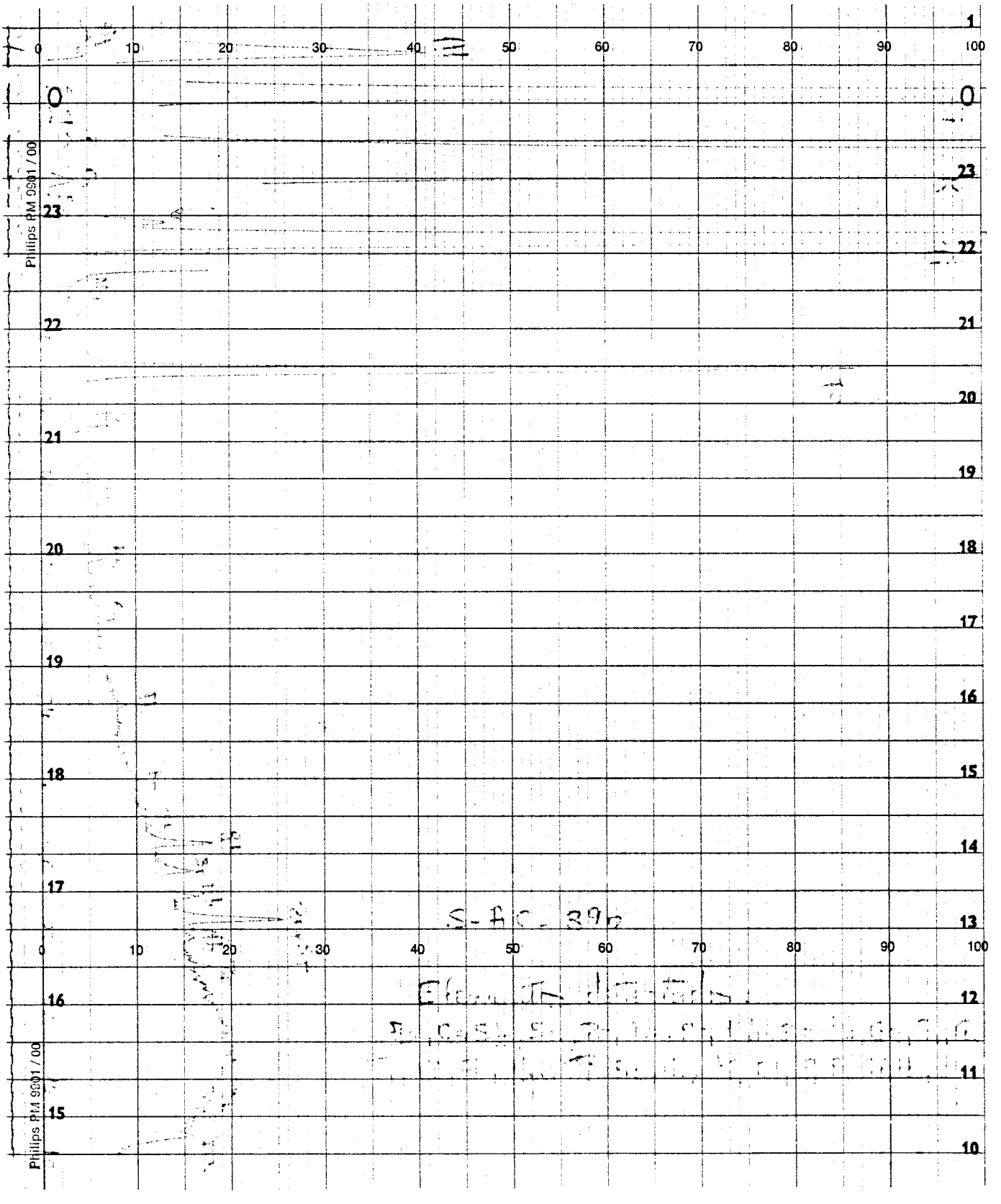
S-AC-209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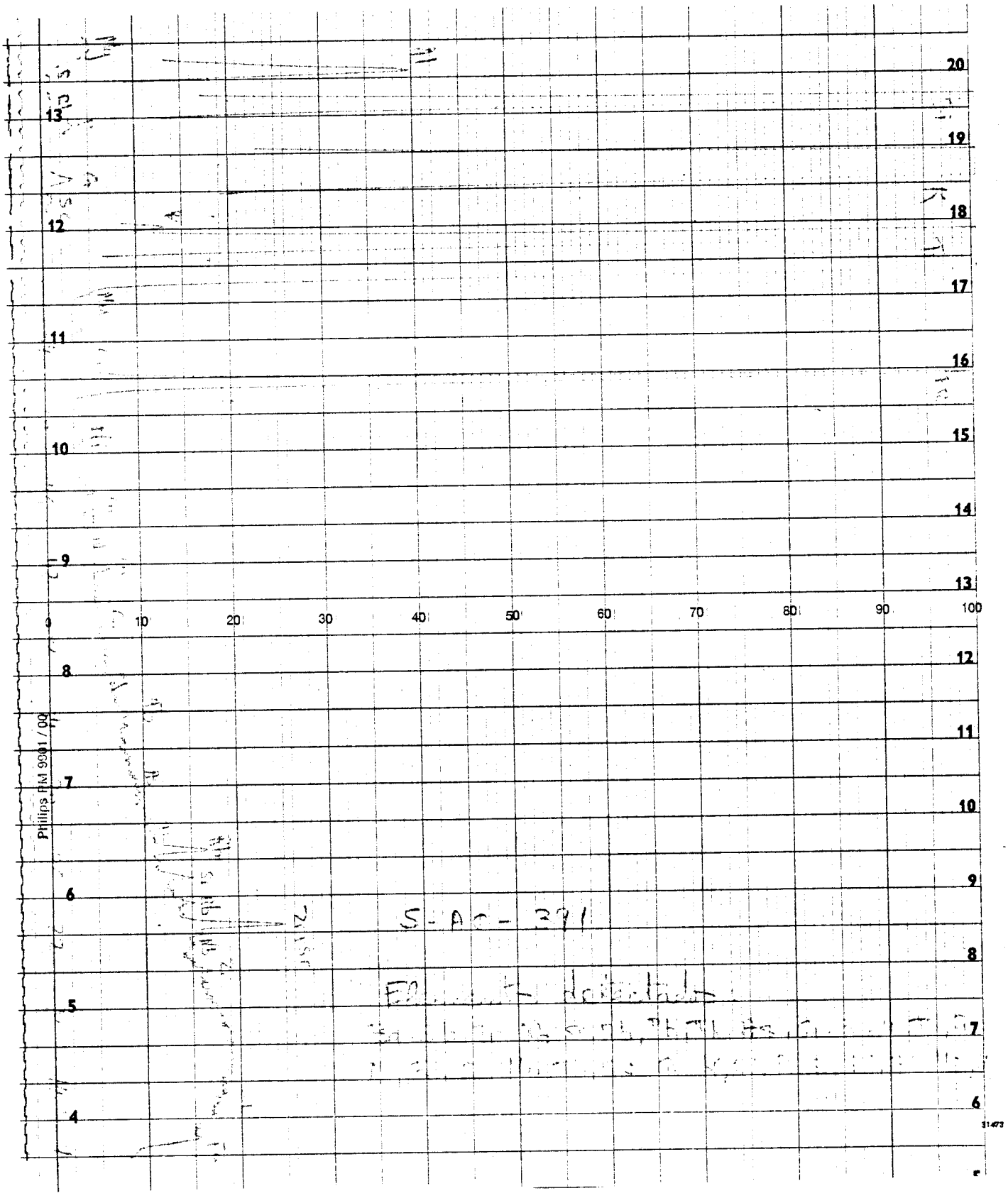
Philips PM 9901 / 00



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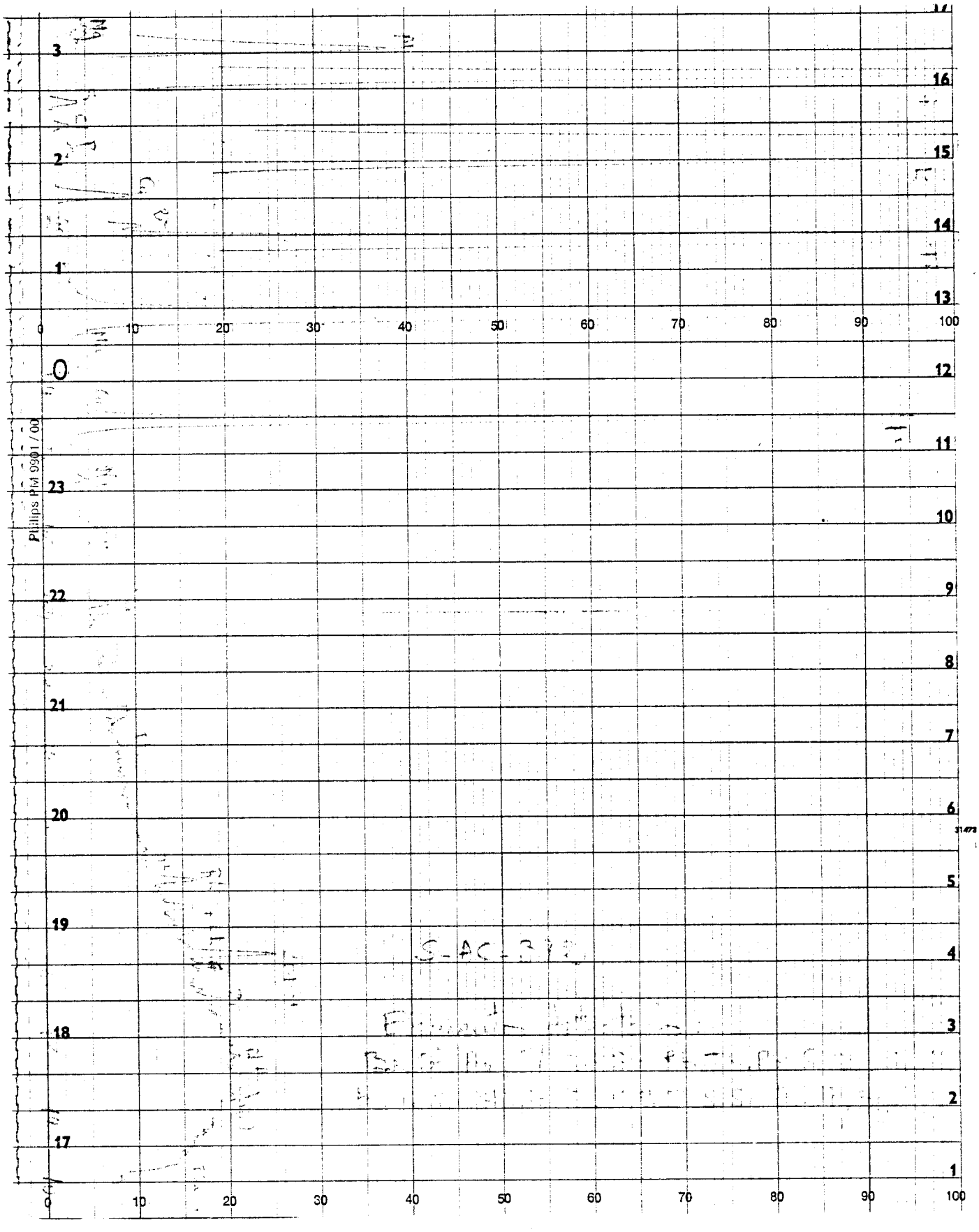
S-AC-391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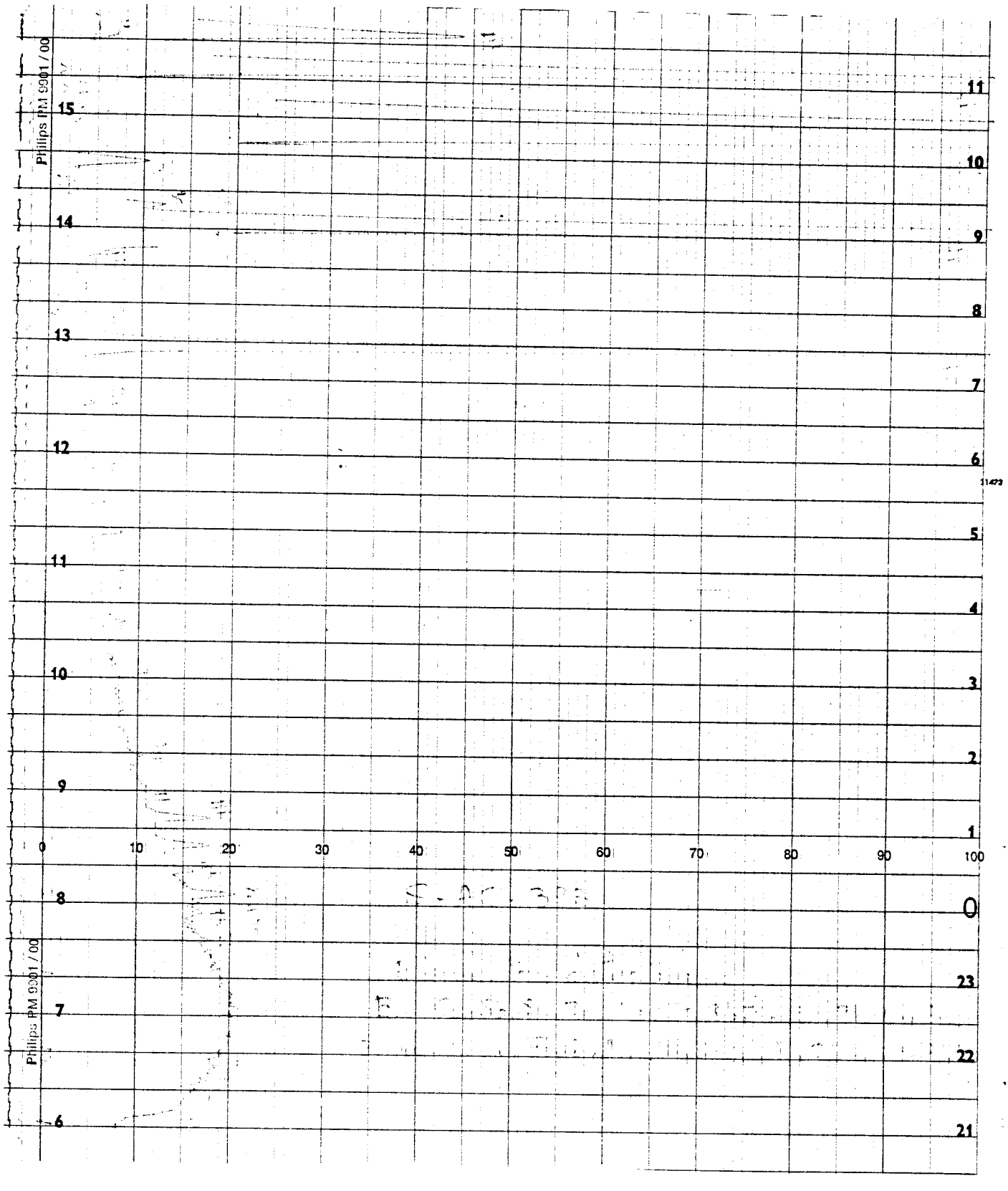
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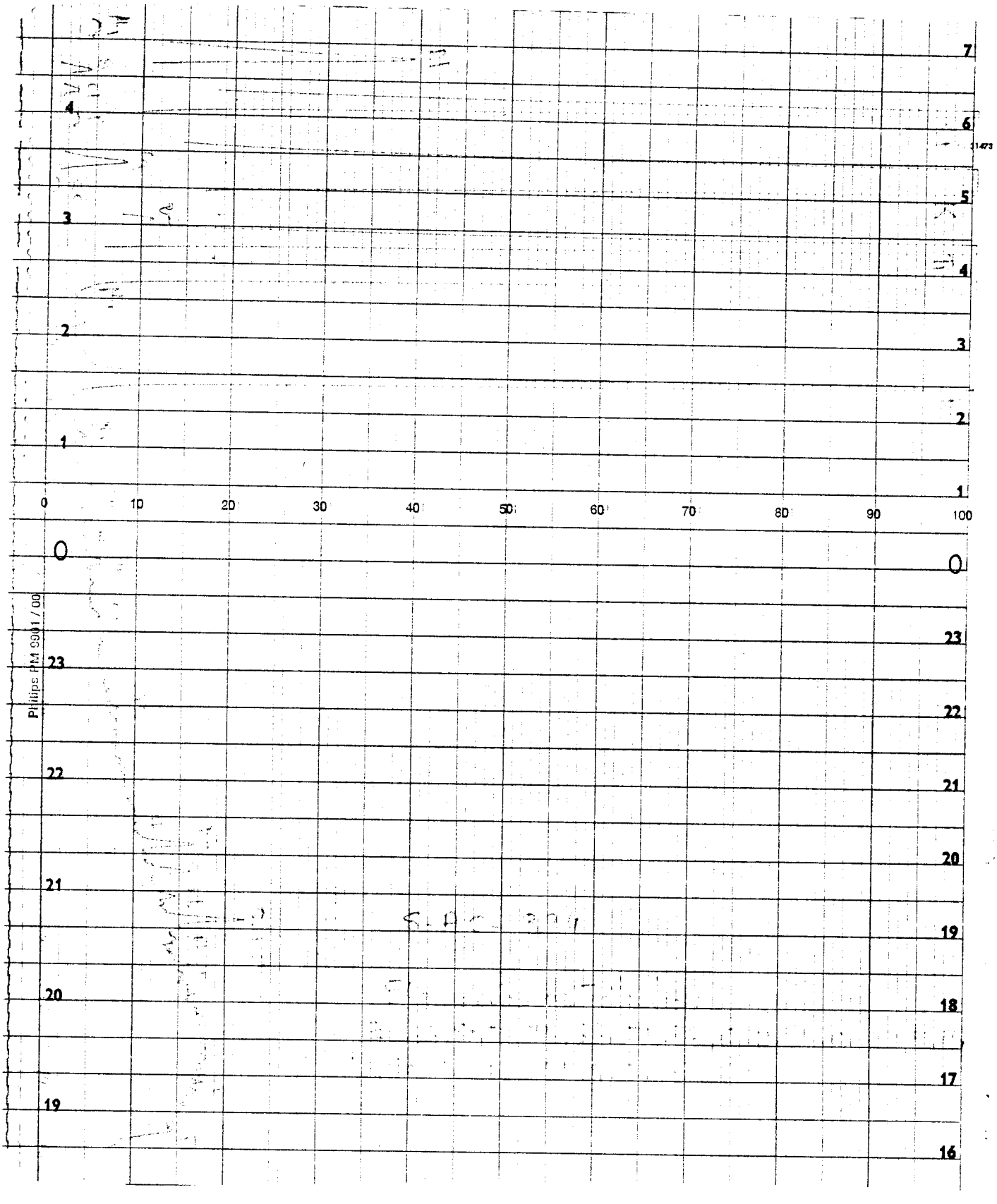
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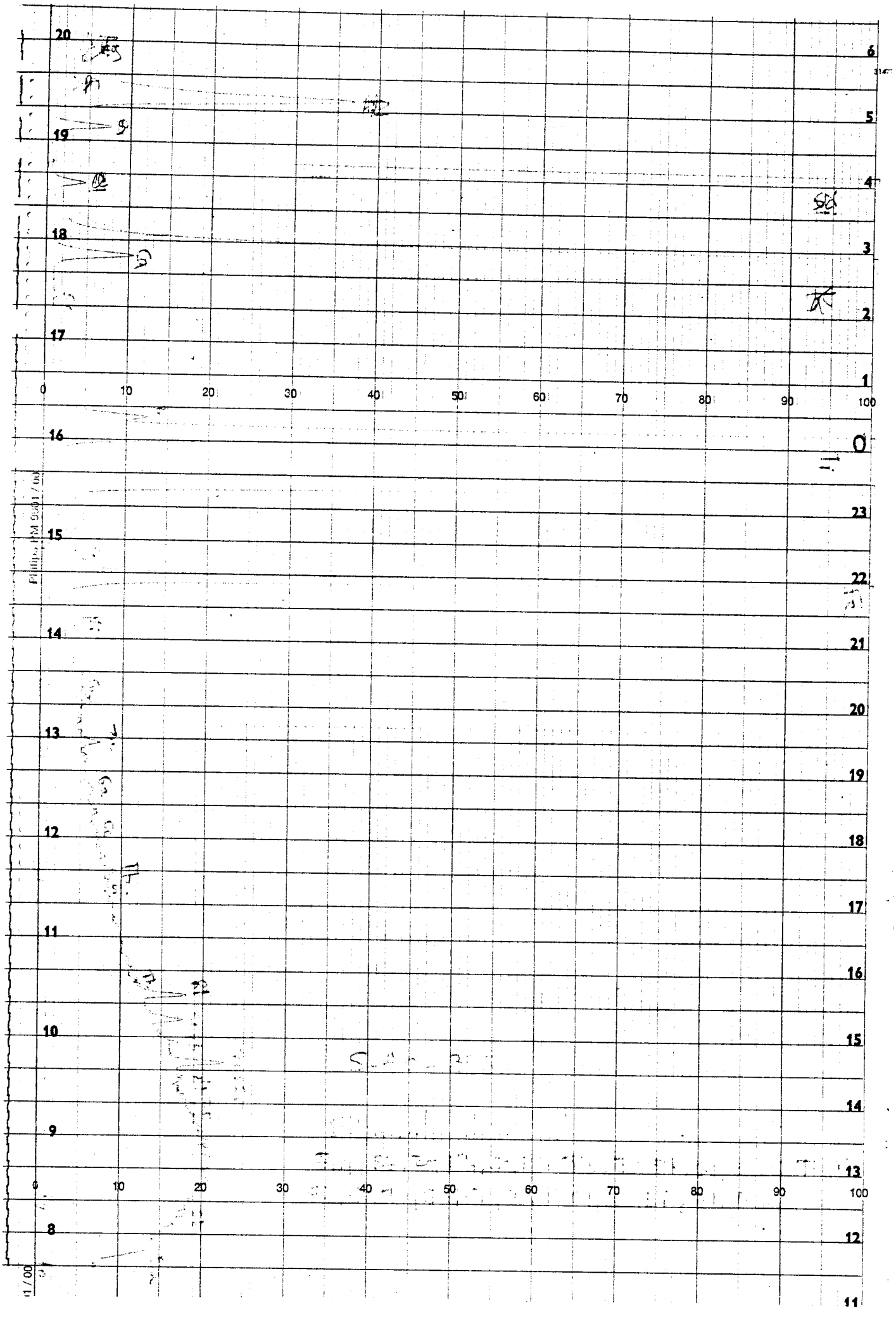
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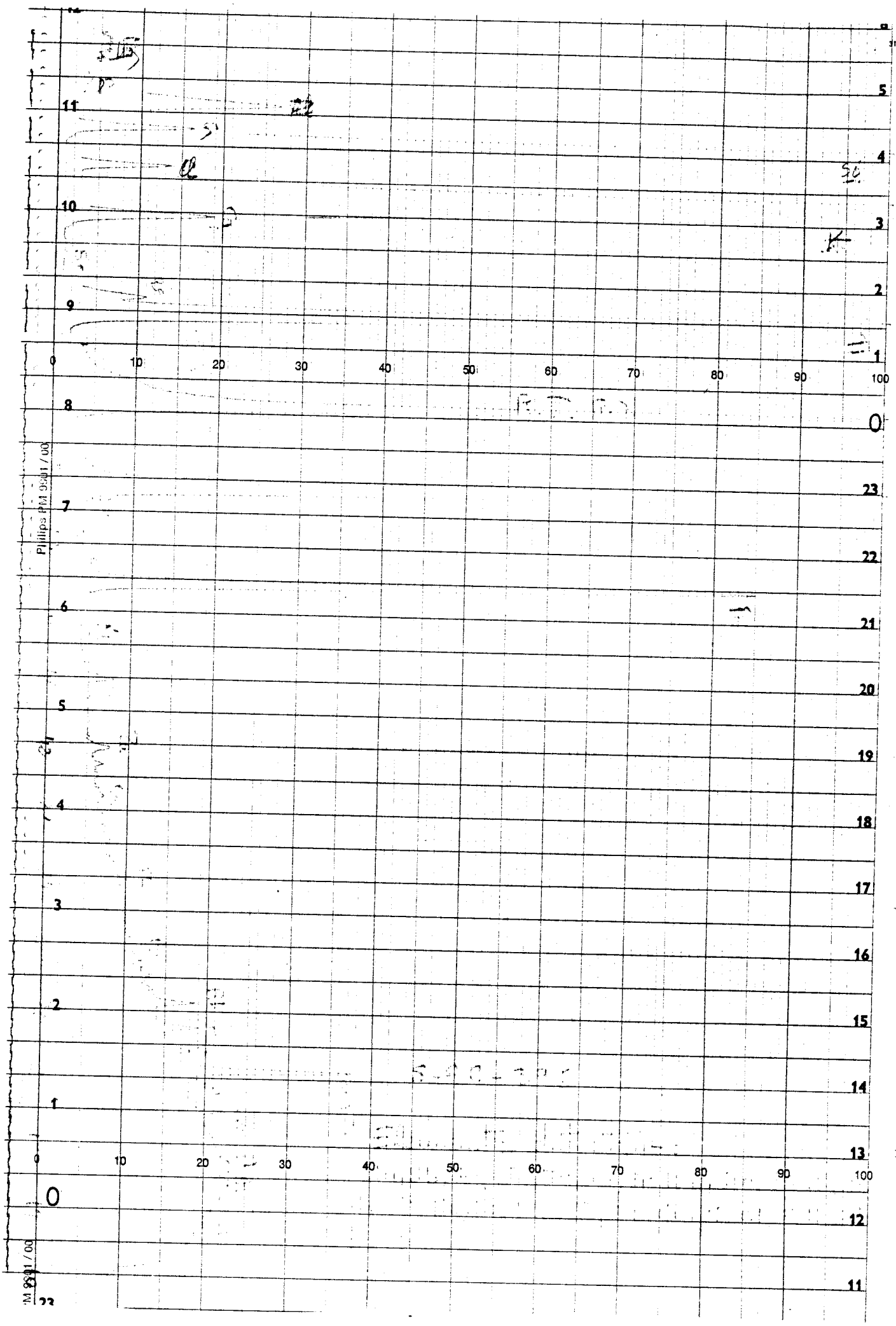
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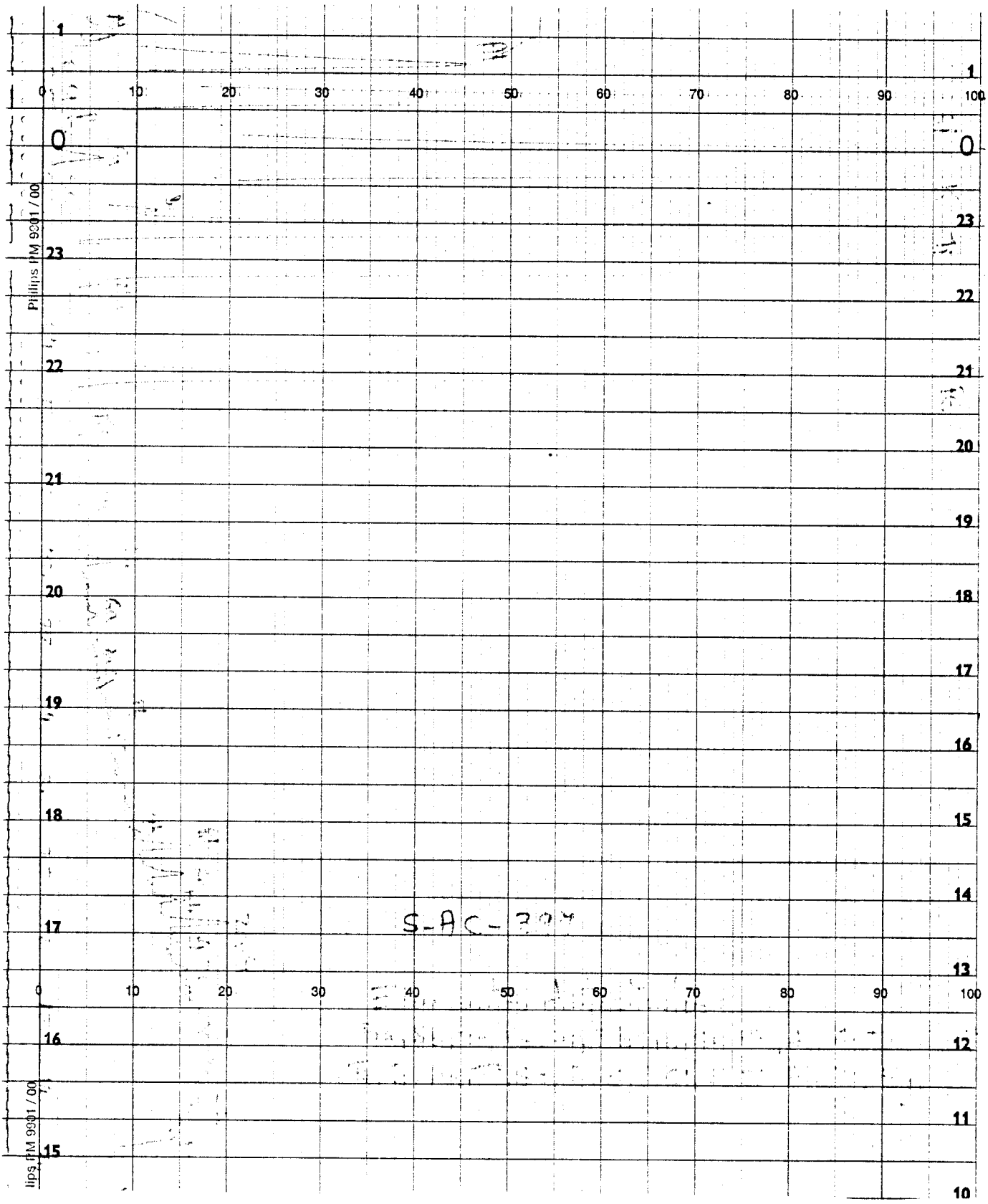
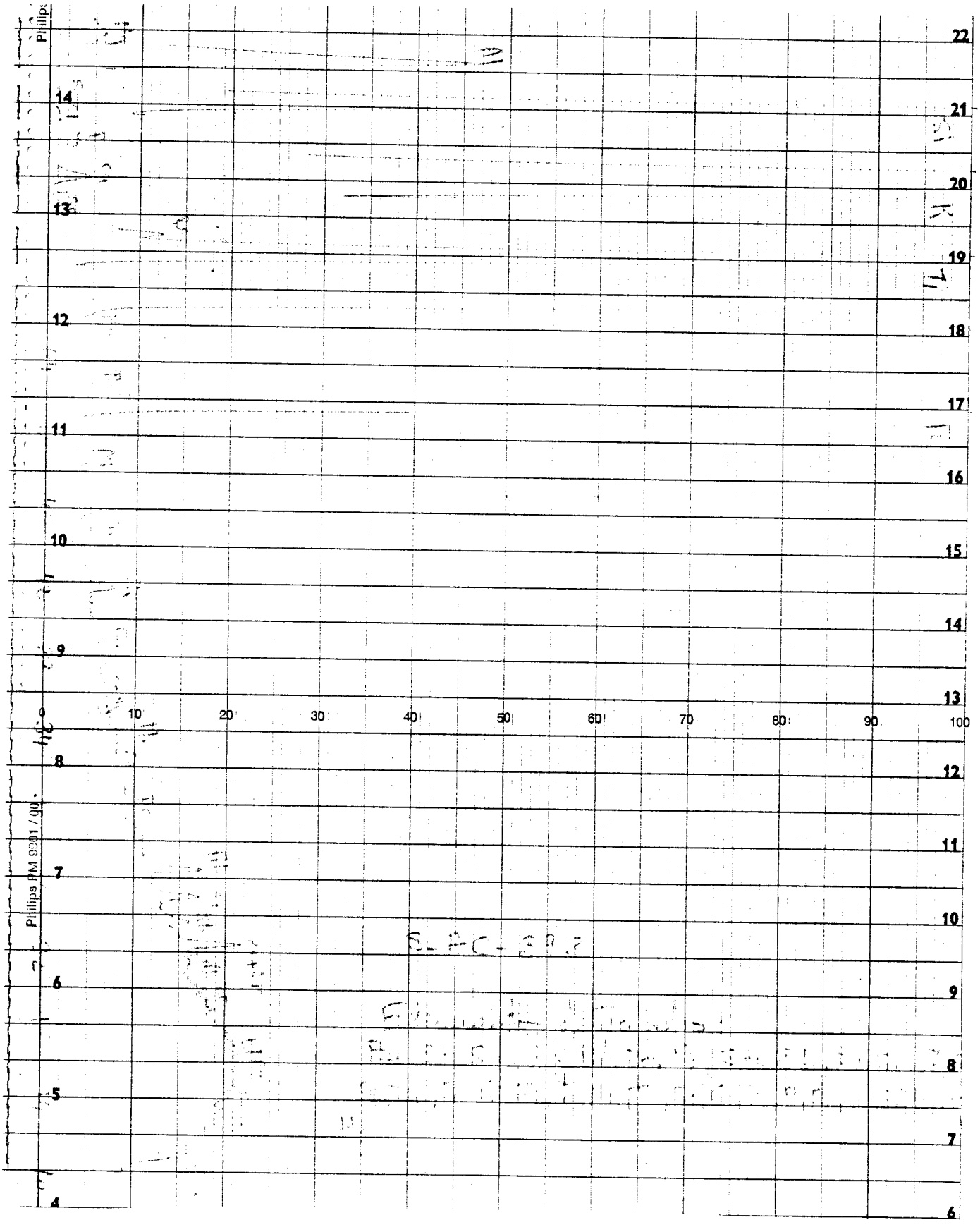

Phillips PM 9001 / 00
S-AC-304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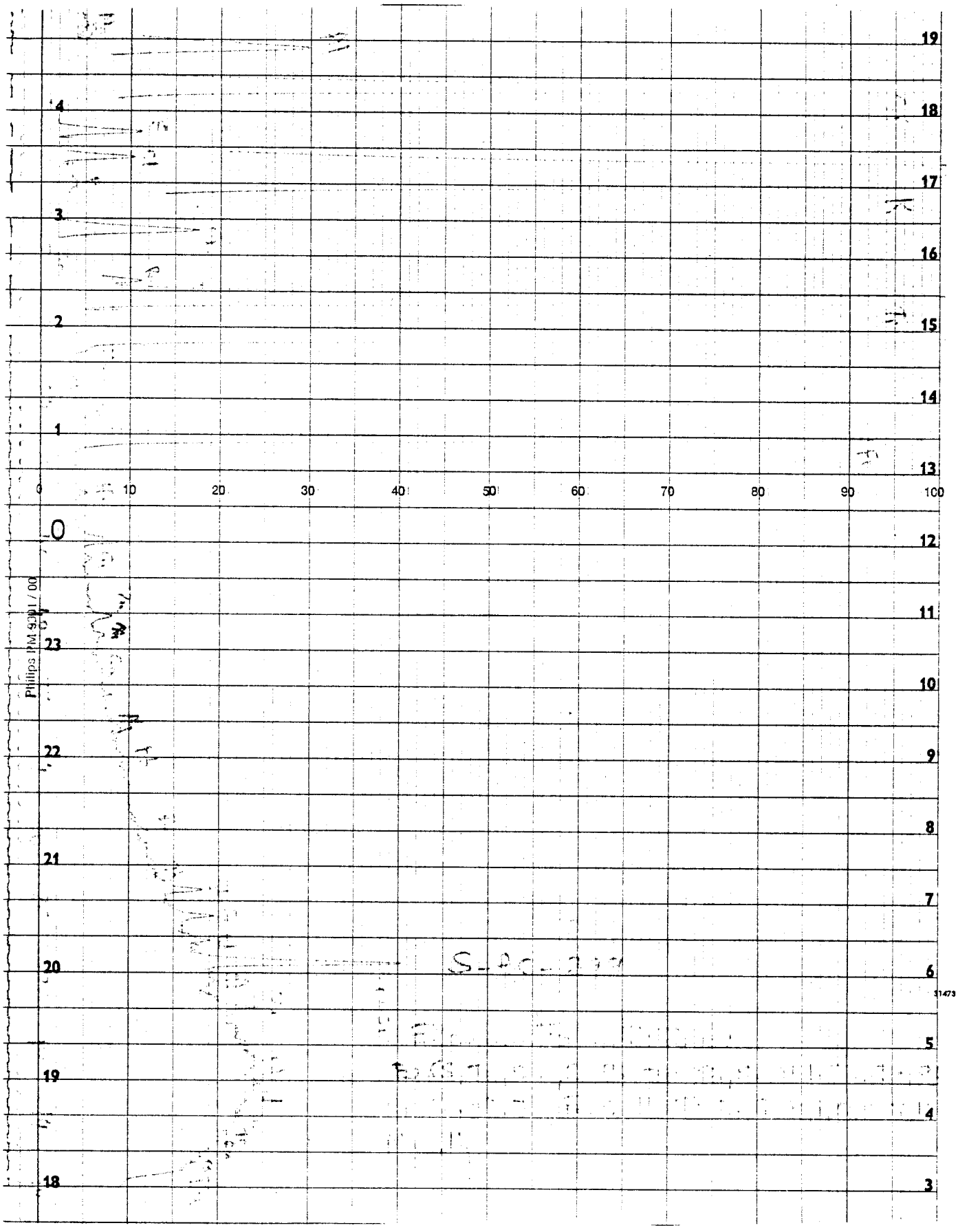
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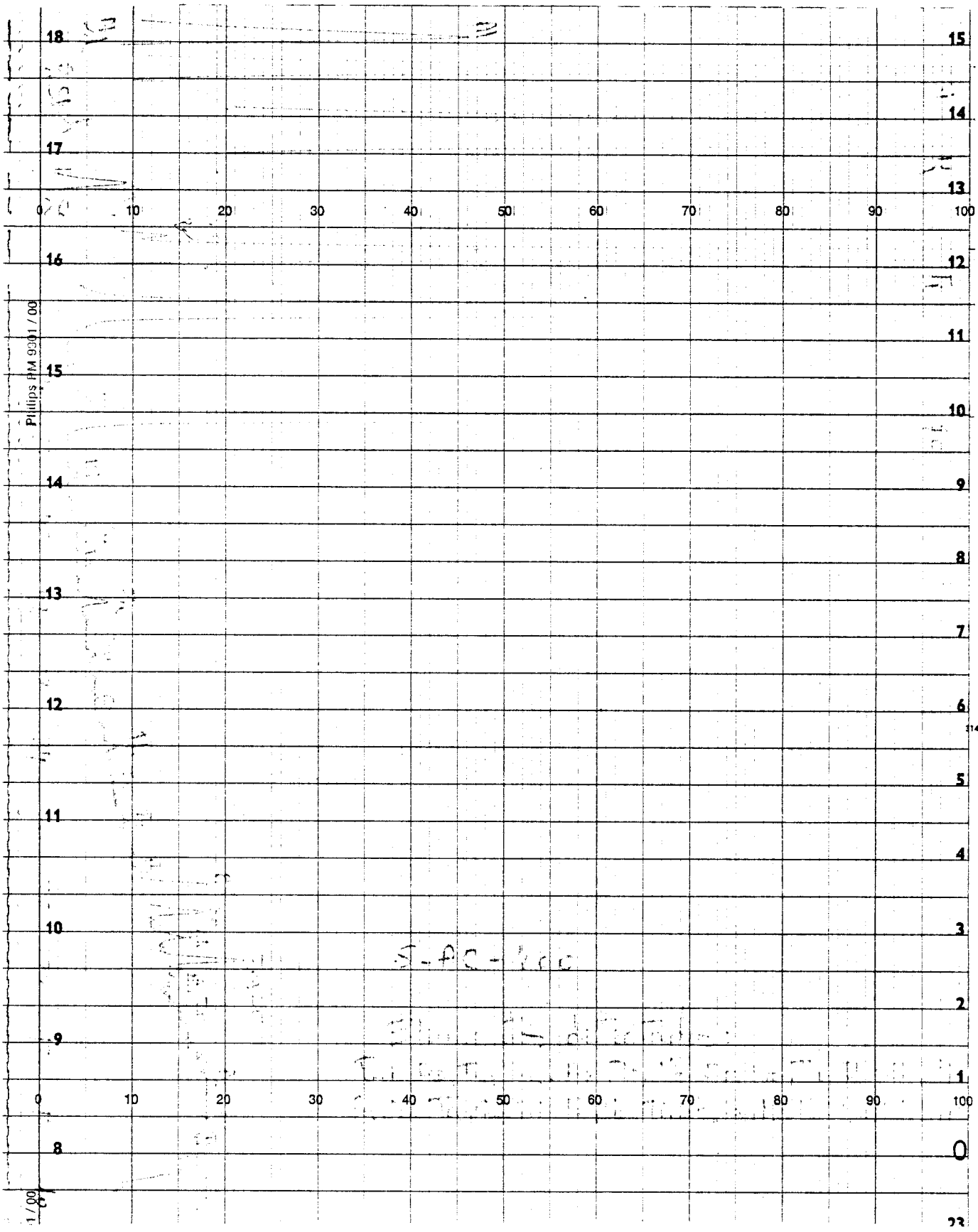
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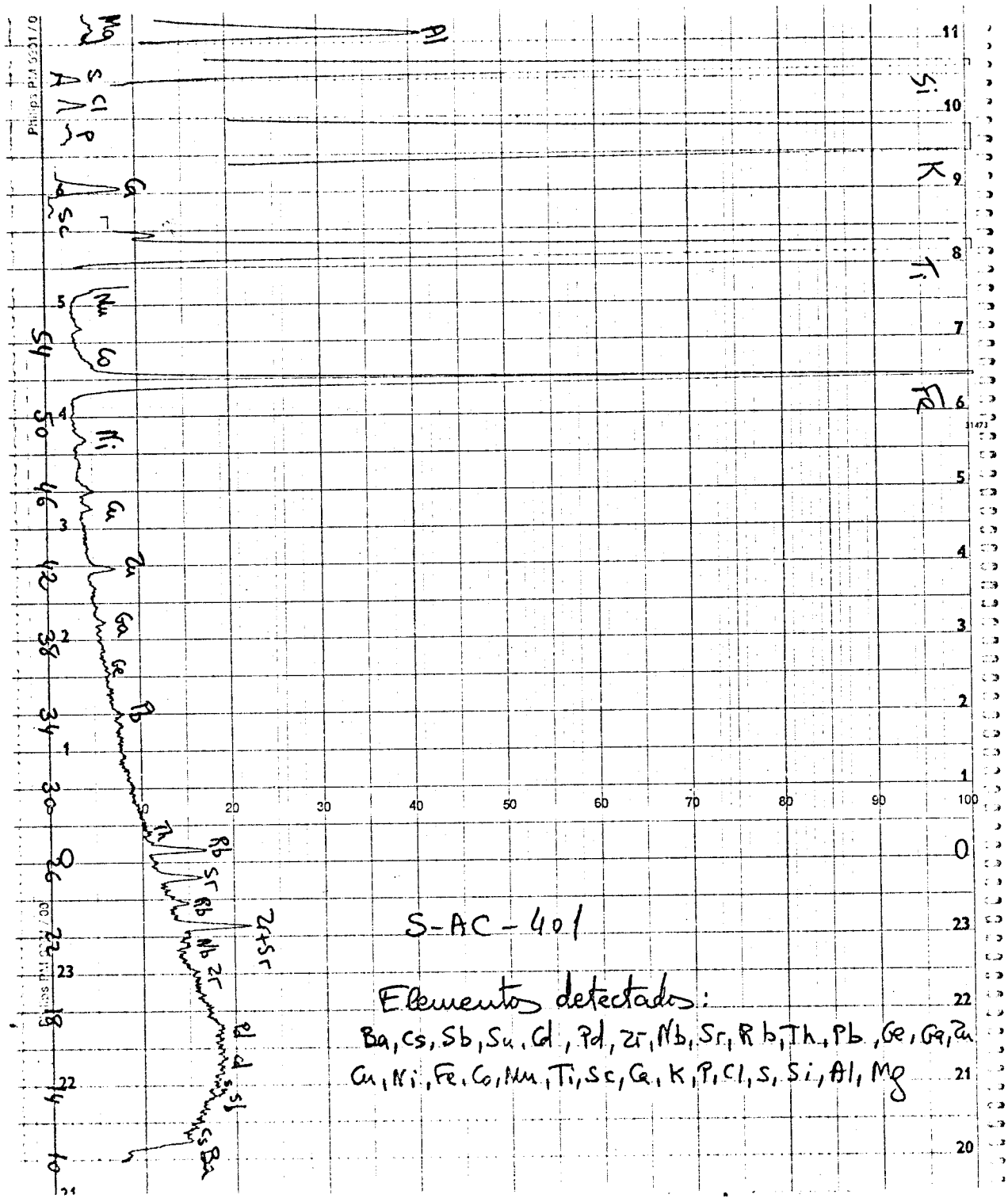
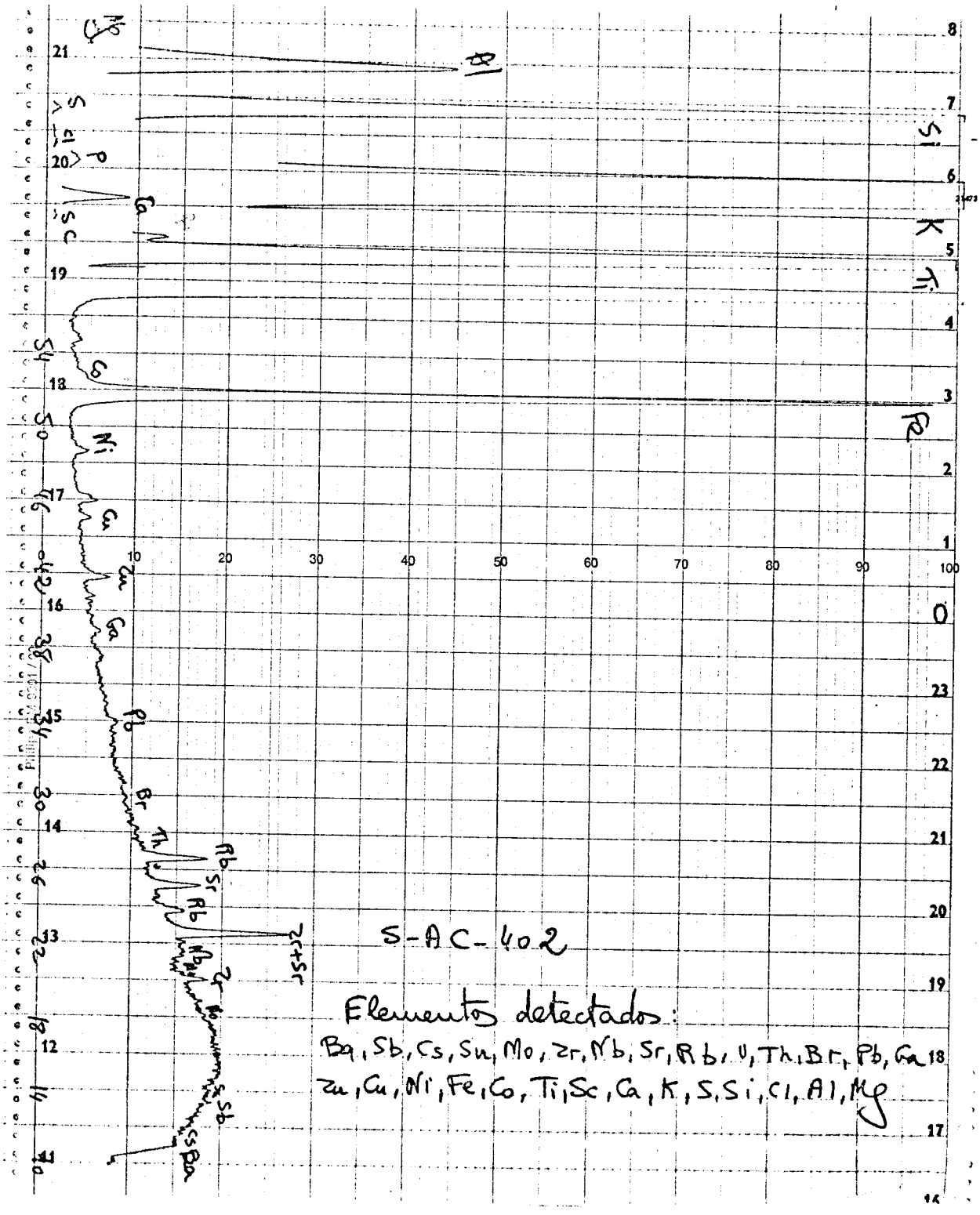

S-AC-401
Elementos detectados:
Ba, Cs, Sb, Sn, Cd, Pd, Zr, Nb, Sr, Rb, Th, Pb, Ge, Ga, Zn
Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg


Mg
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Cl
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Ga
Pb
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Rb
Sr
Rb
Zr+Sr
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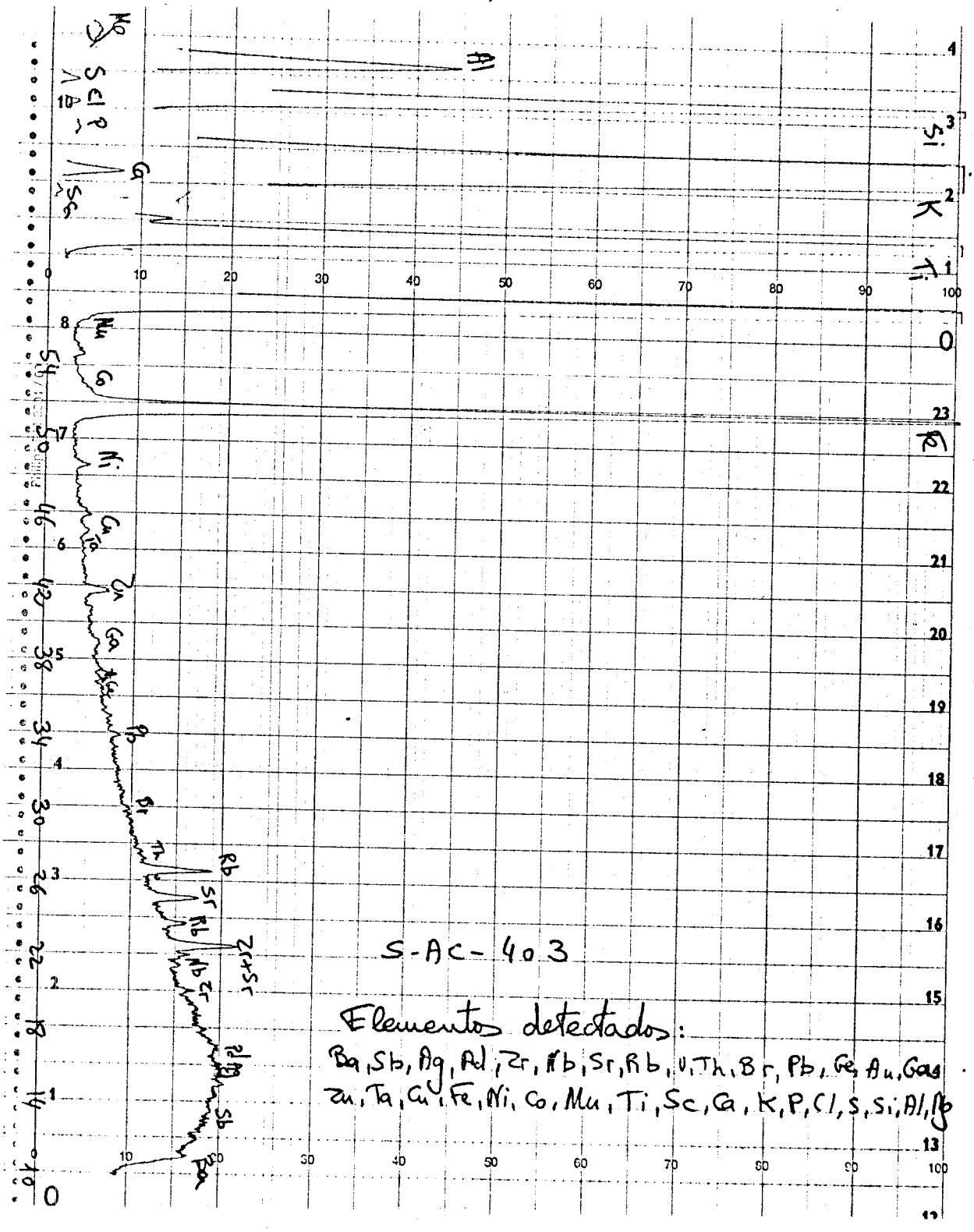
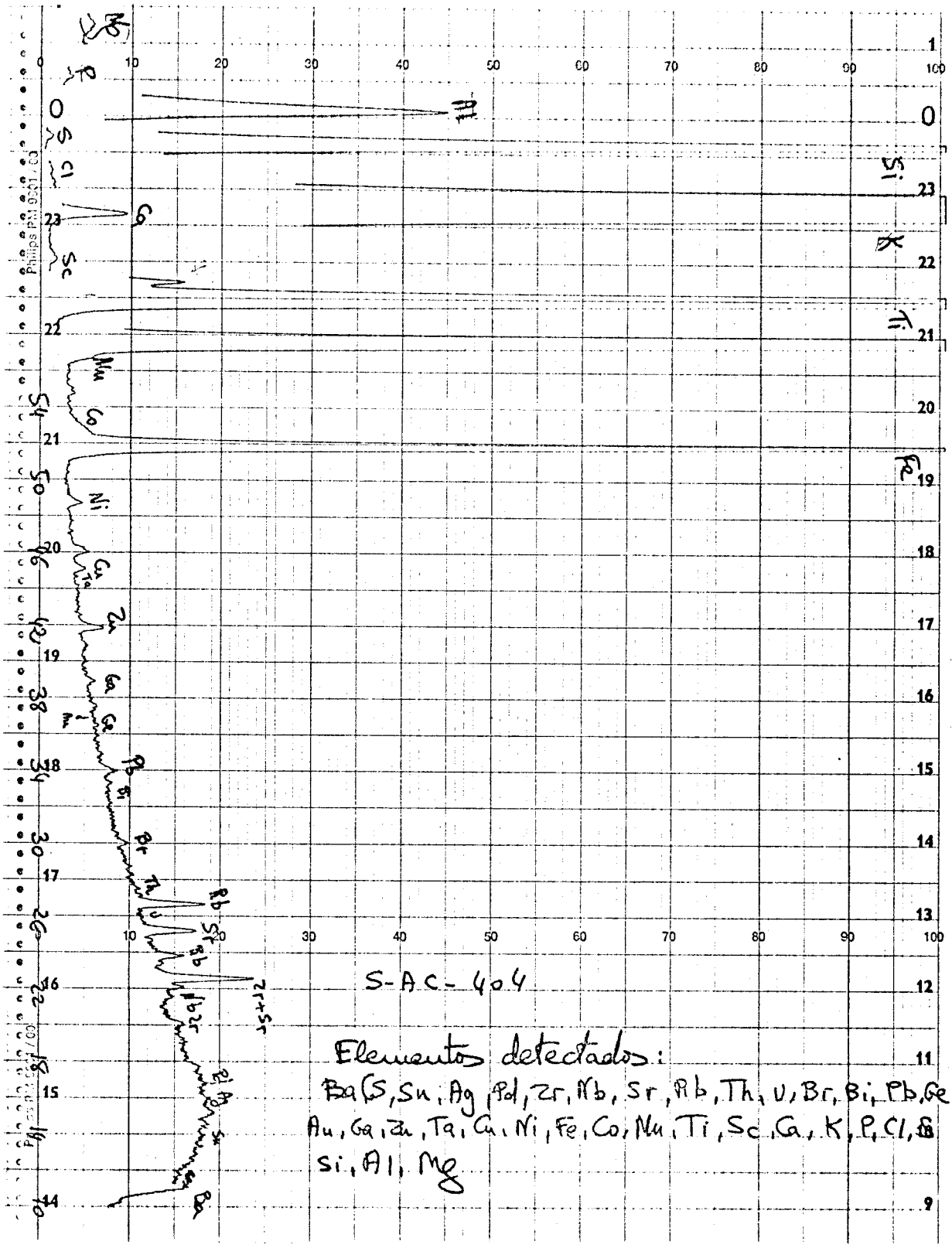
S-AC-402
Elementos detectados:
Ba, Sb, Cs, Sn, Mo, Zr, Nb, Sr, Rb, U, Th, Br, Pb, Ga
Zn, Cu, Ni, Fe, Co, Ti, Sc, Ca, K, S, Si, Cl, Al, Mg

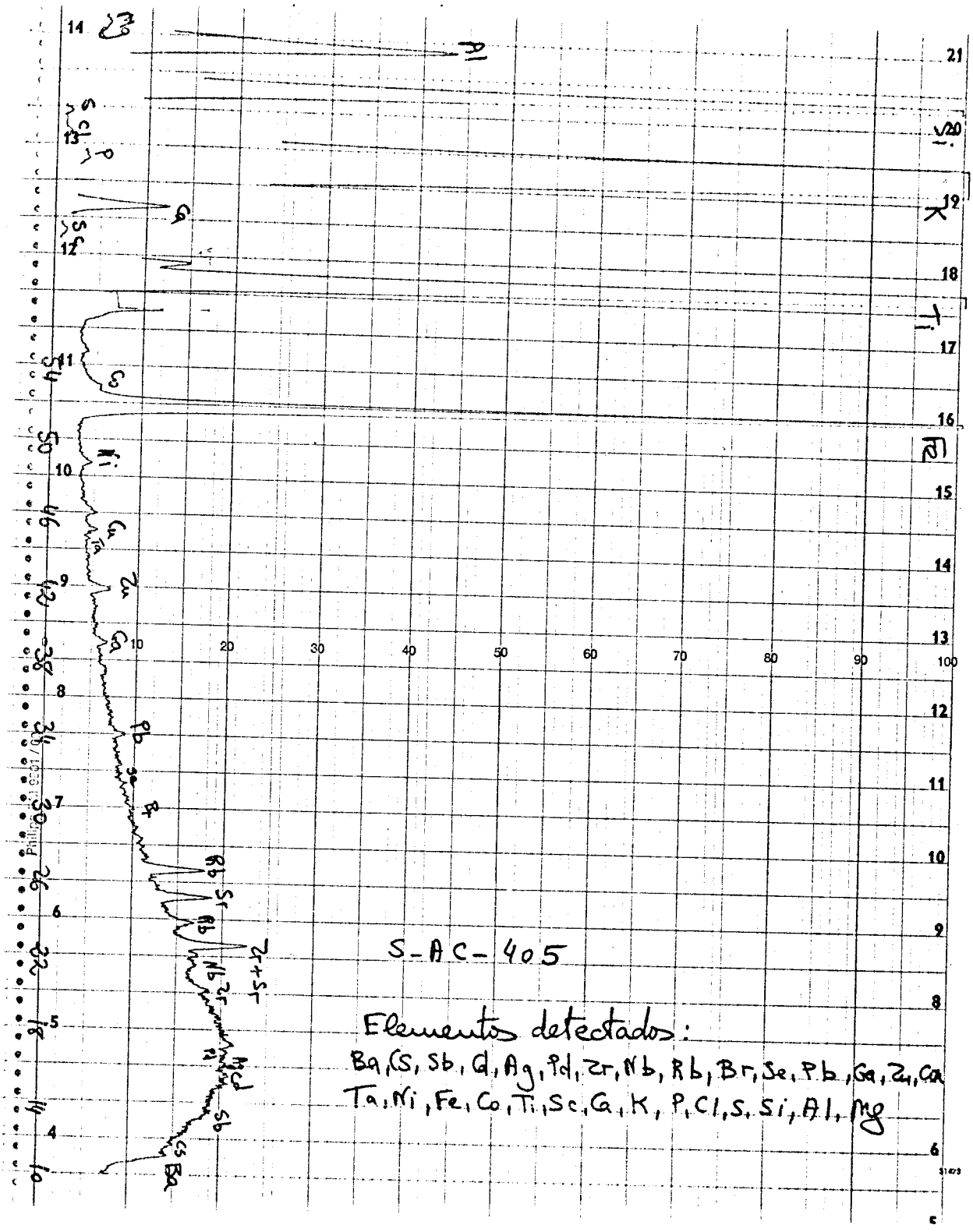

S-AC-403
Elementos detectados:
Ba, Sb, Ag, Pd, Zr, Nb, Sr, Rb, U, Th, Br, Pb, Ge, Au, Ga
Zn, Ta, Cu, Fe, Ni, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

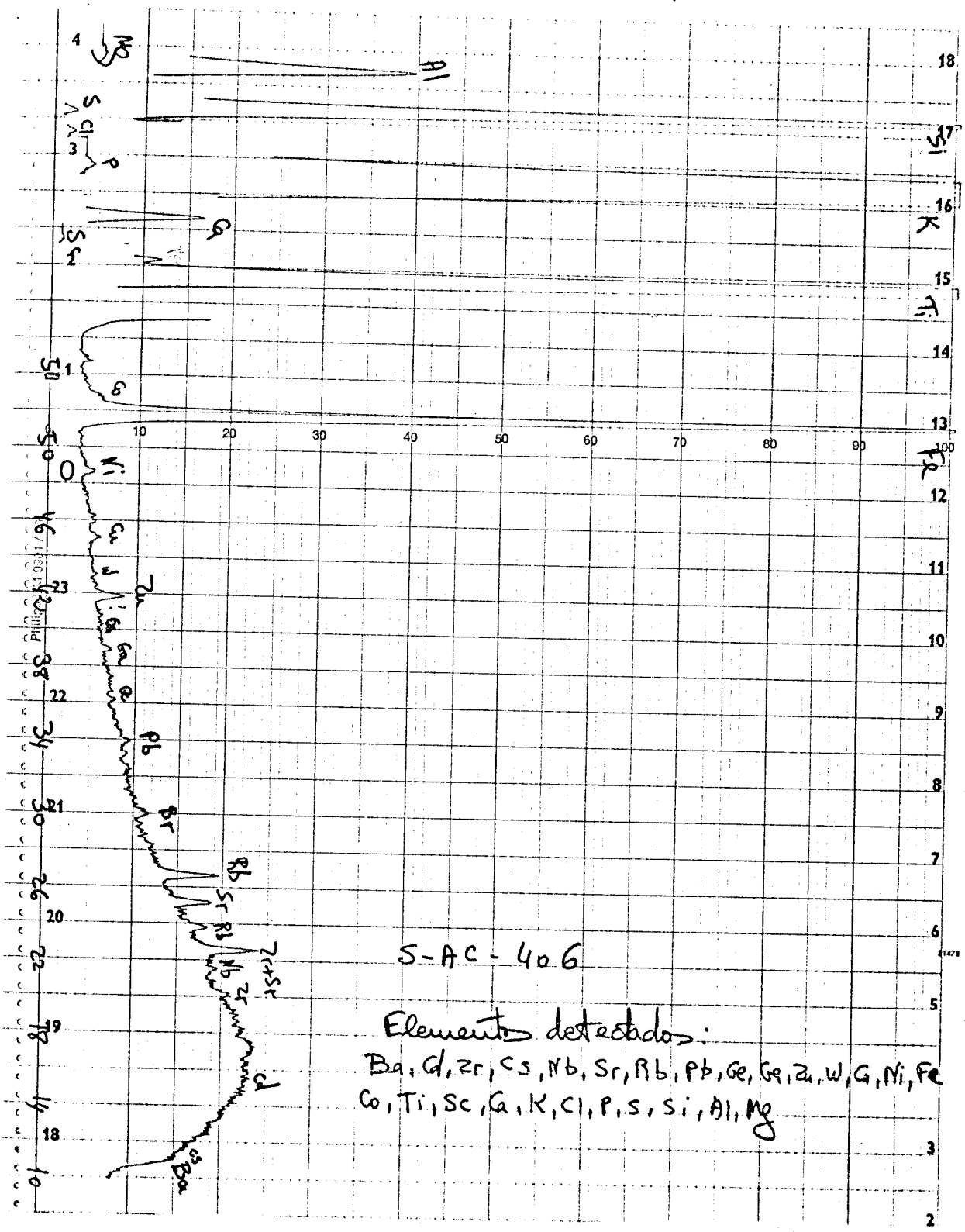


S-AC-404

Elementos detectados:

Ba, S, Sn, Ag, Pd, Zr, Nb, Sr, Rb, Th, U, Br, Bi, Pb, Ge
Au, Ga, Zn, Ta, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S
Si, Al, Mg

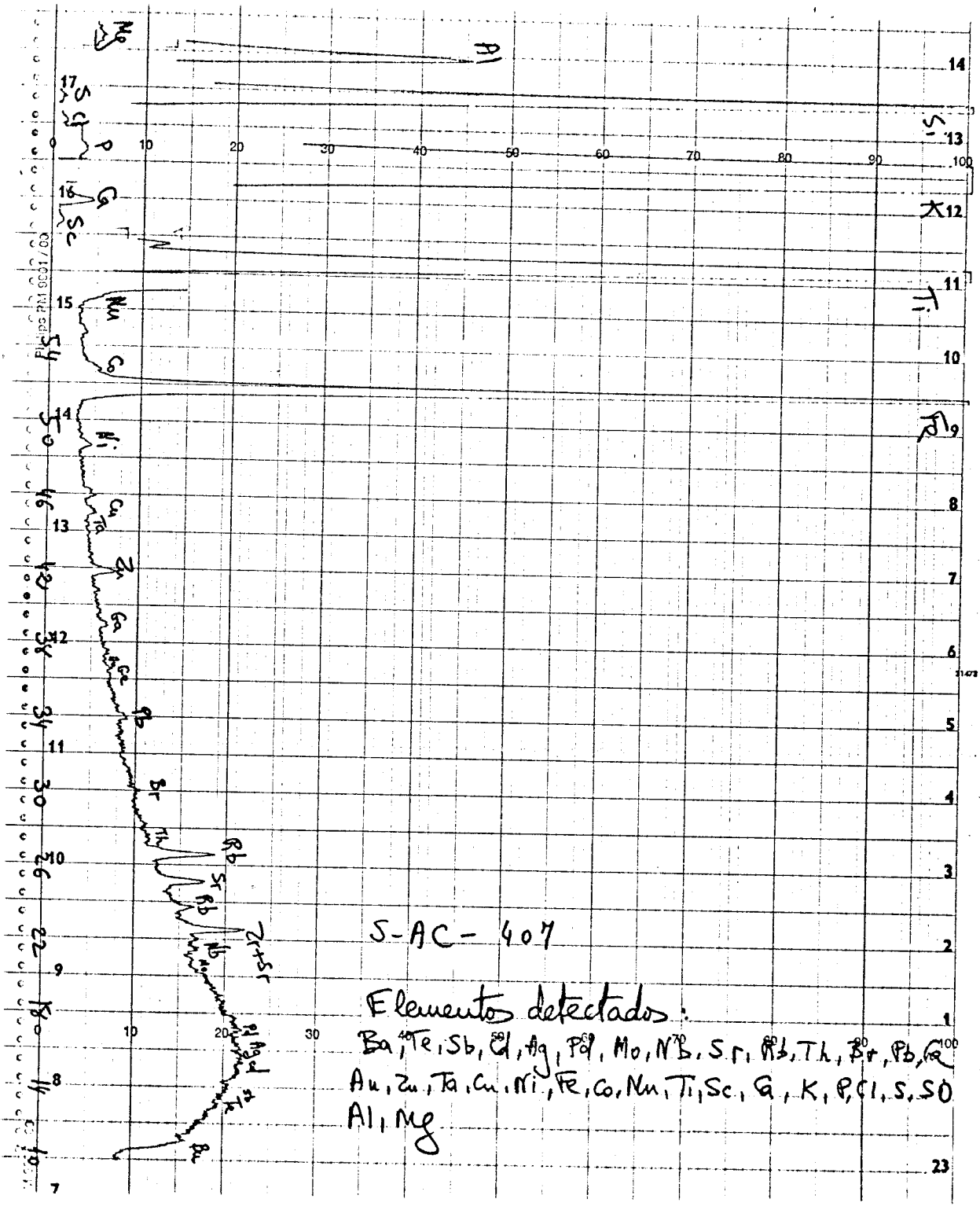

S-AC-405
Elementos detectados:
Ba, Cs, Sb, Cd, Ag, Pd, Zr, Nb, Rb, Br, Se, Pb, Ga, Zn, Cu
Ta, Ni, Fe, Co, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg



S-AC-406

Elementos detectados:

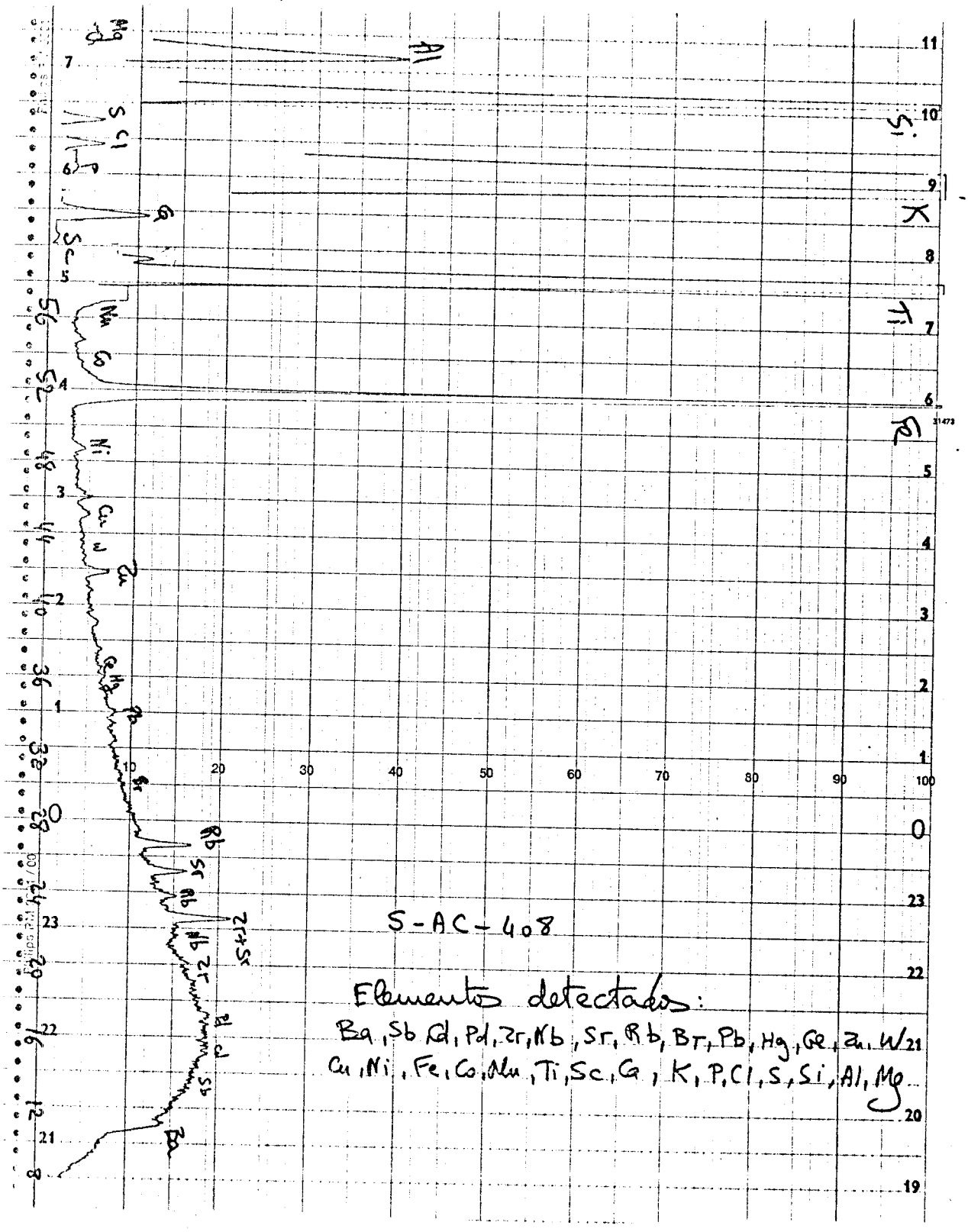
Ba, Cd, Zr, Cs, Nb, Sr, Rb, Pb, Ge, Ga, As, W, Cu, Ni, Fe
Co, Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg



S-AC- 407

Elementos detectados:

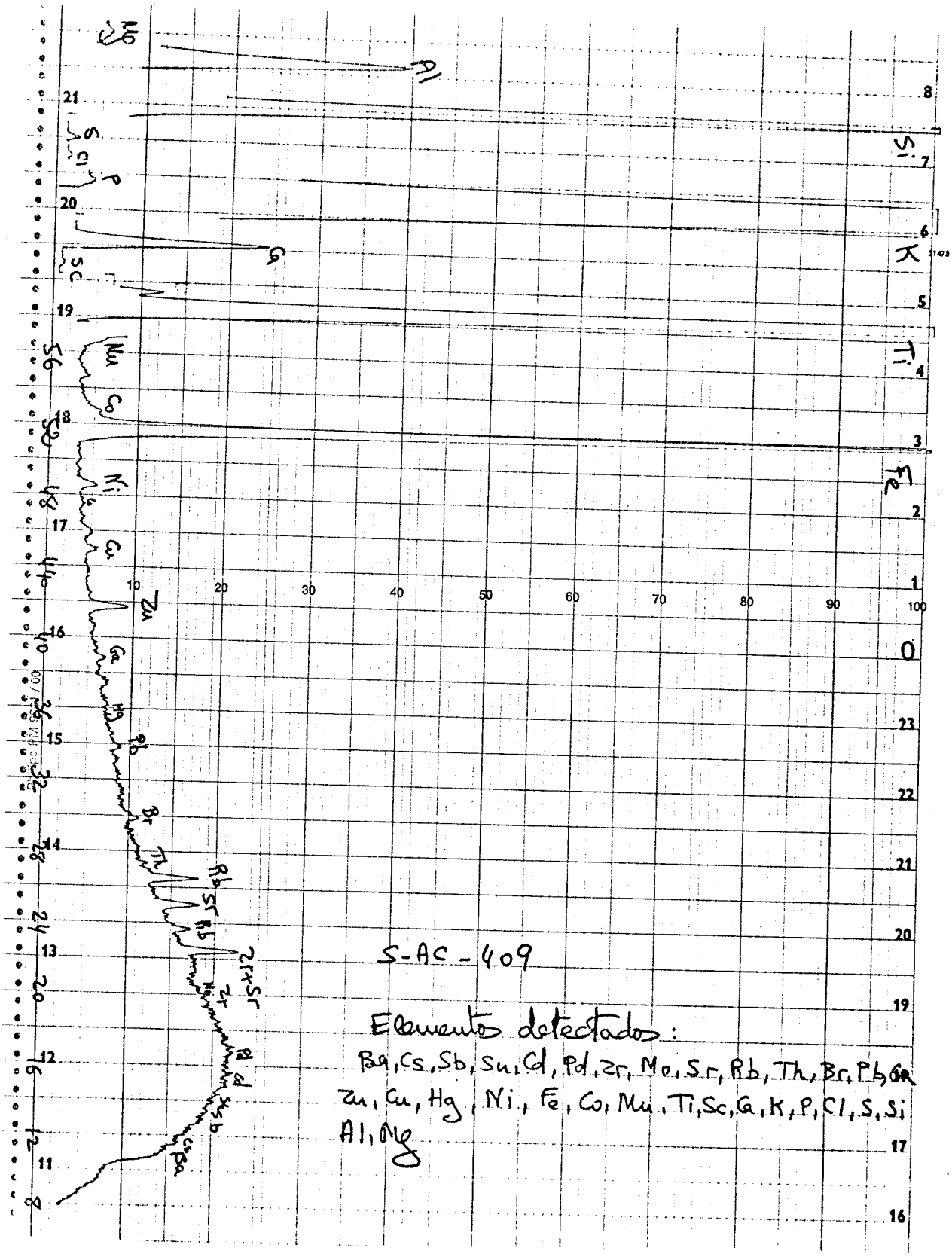
Ba, Te, Sb, Cd, Ag, Pd, Mo, Nb, Sr, Rb, Th, Br, Pb, Ge
Au, Zn, Ta, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, SO
Al, Mg



S-AC-408

Elementos detectados:

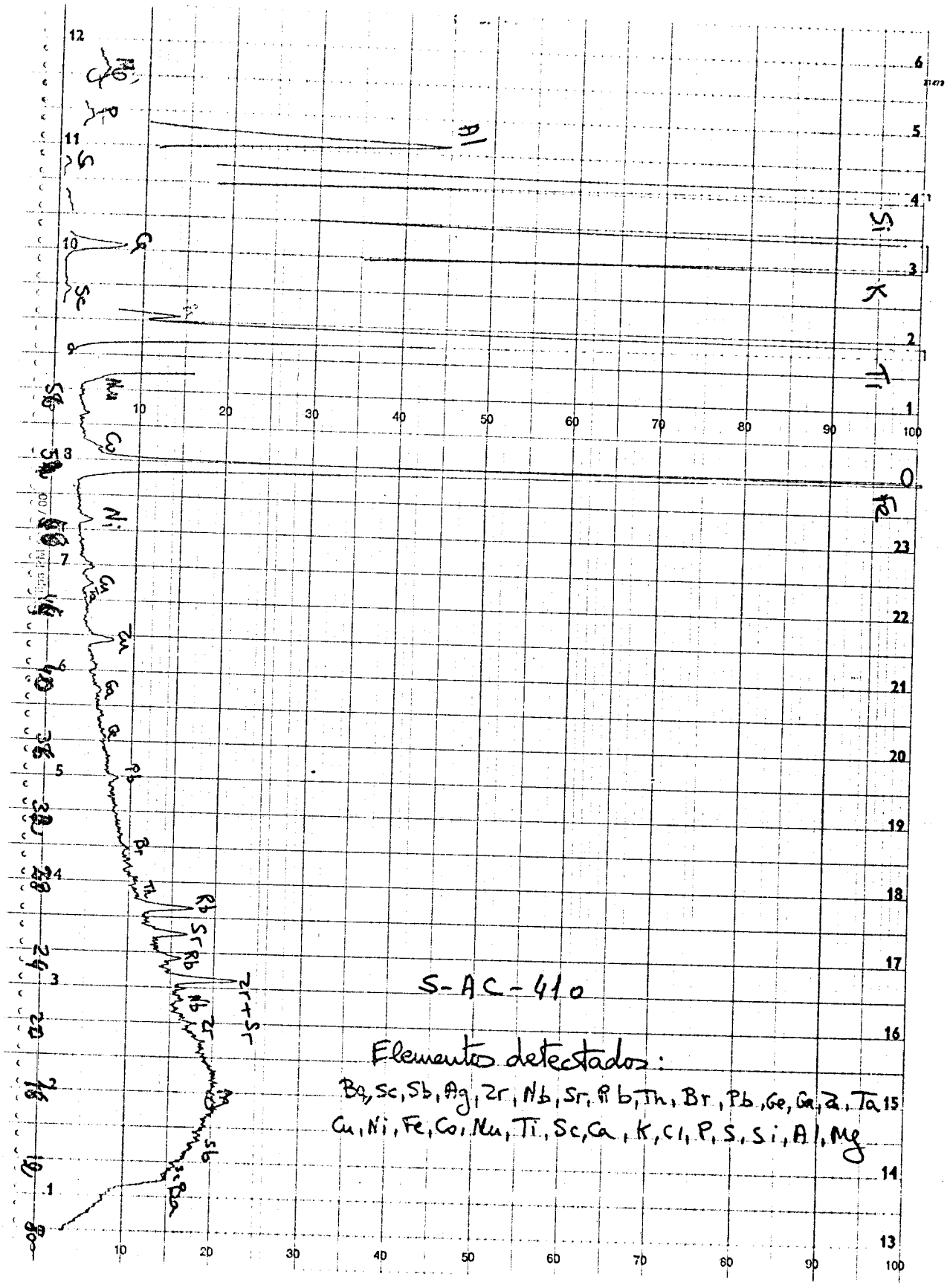
Ba, Sb, Cd, Pd, Zr, Nb, Sr, Rb, Br, Pb, Hg, Ge, Zn, W, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg



S-AC-409

Elementos detectados:

Ba, Cs, Sb, Sn, Cd, Pd, Zr, Mo, Sr, Rb, Th, Br, Pb, Ga
Zn, Cu, Hg, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si
Al, Mg

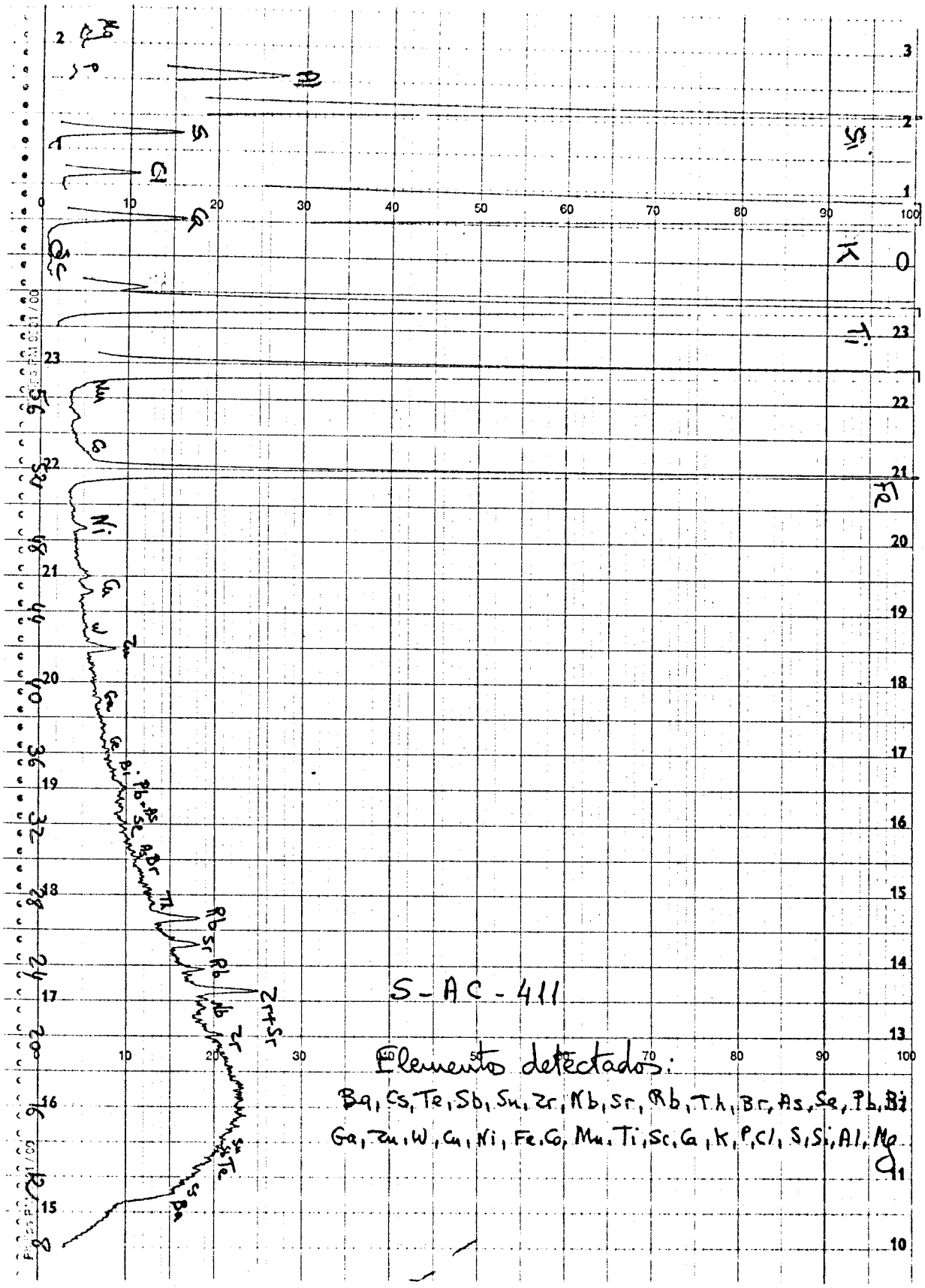


S-AC-410

Elementos detectados:

Ba, Sc, Sb, Ag, Zr, Nb, Sr, Rb, Th, Br, Pb, Ge, Ga, Zn, Ta

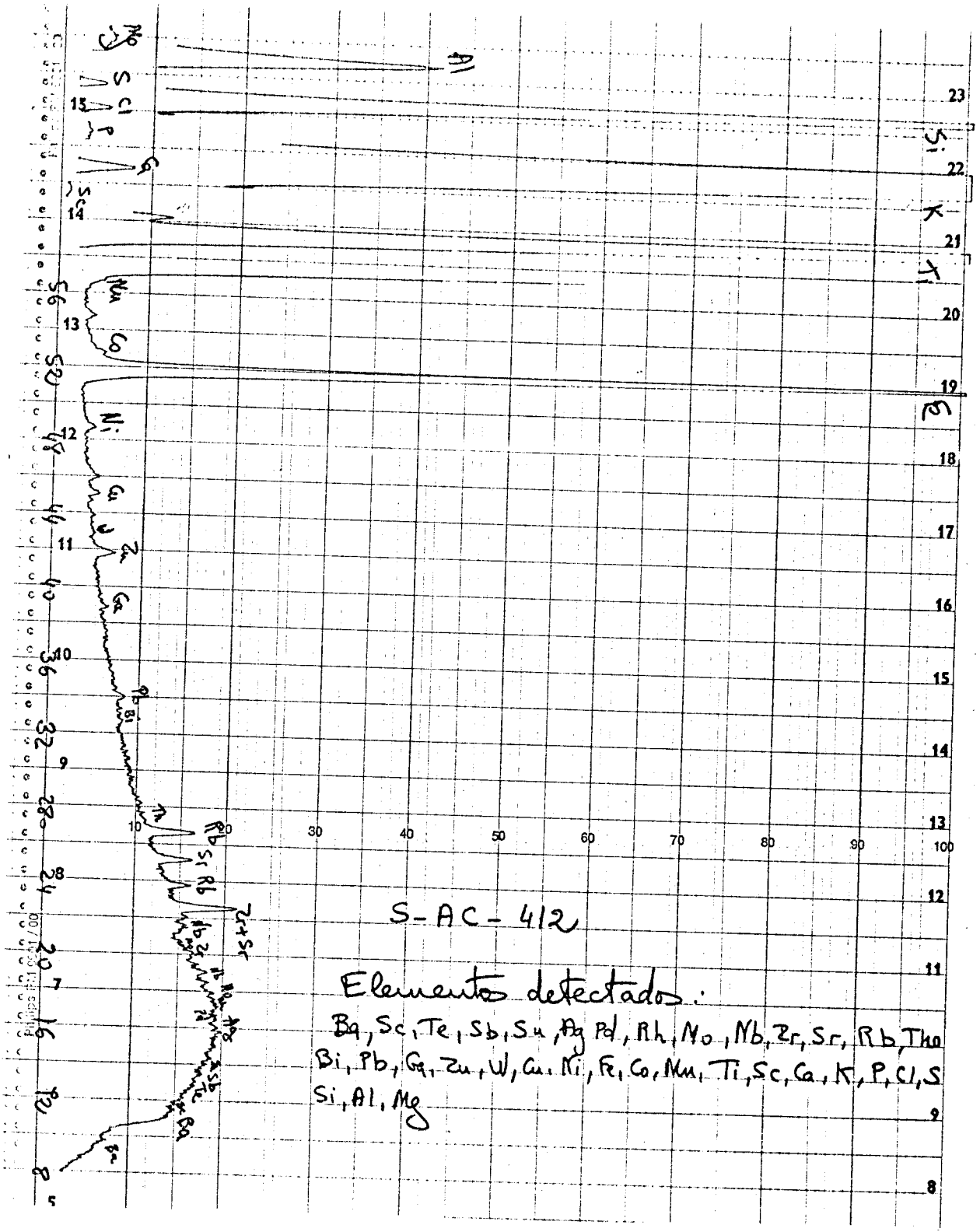
Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg

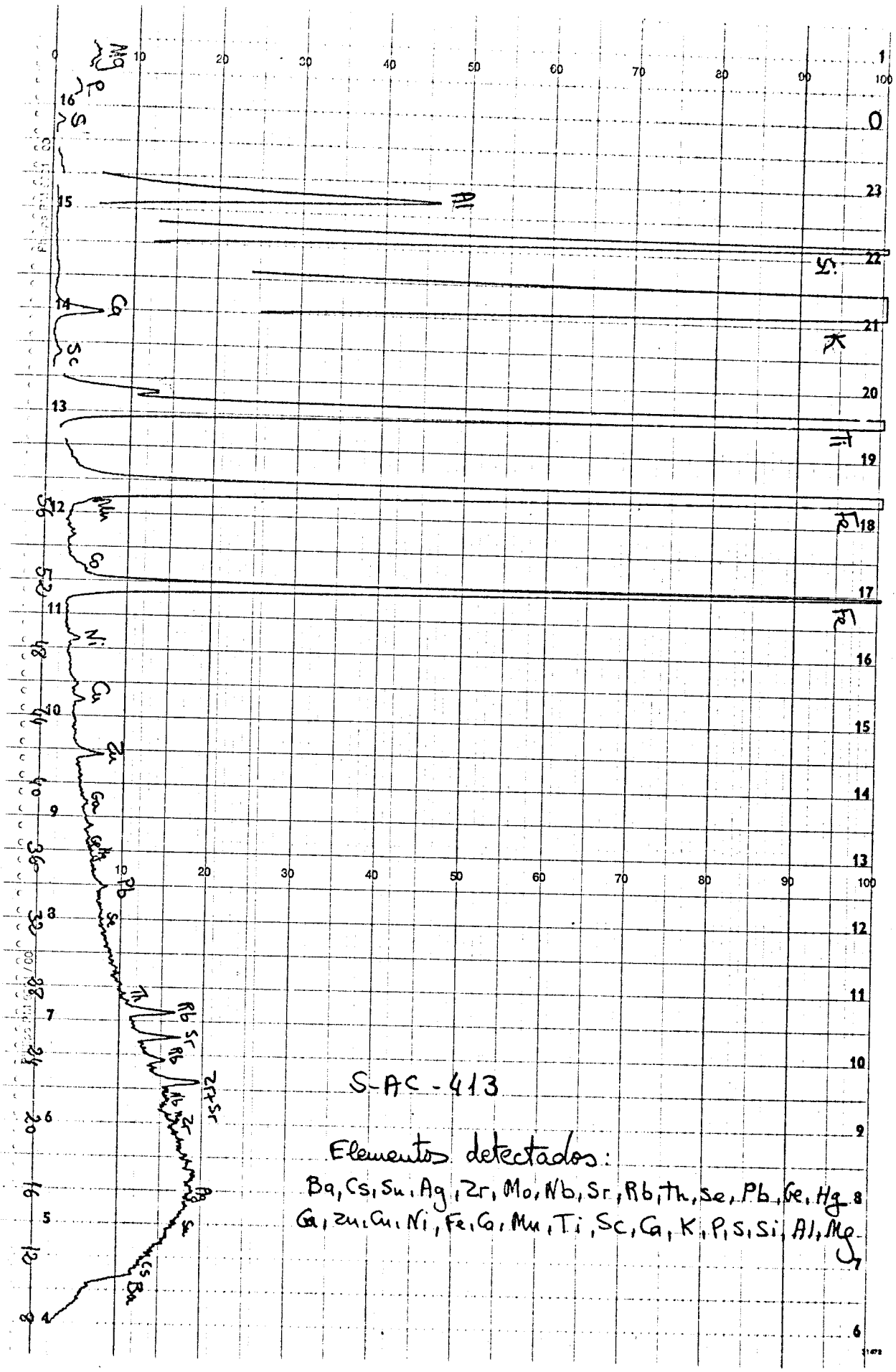


S-AC-411

Elementos detectados:

Ba, Cs, Te, Sb, Sn, Zr, Nb, Sr, Rb, Th, Br, As, Se, Pb, Bi
Ga, Zn, W, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

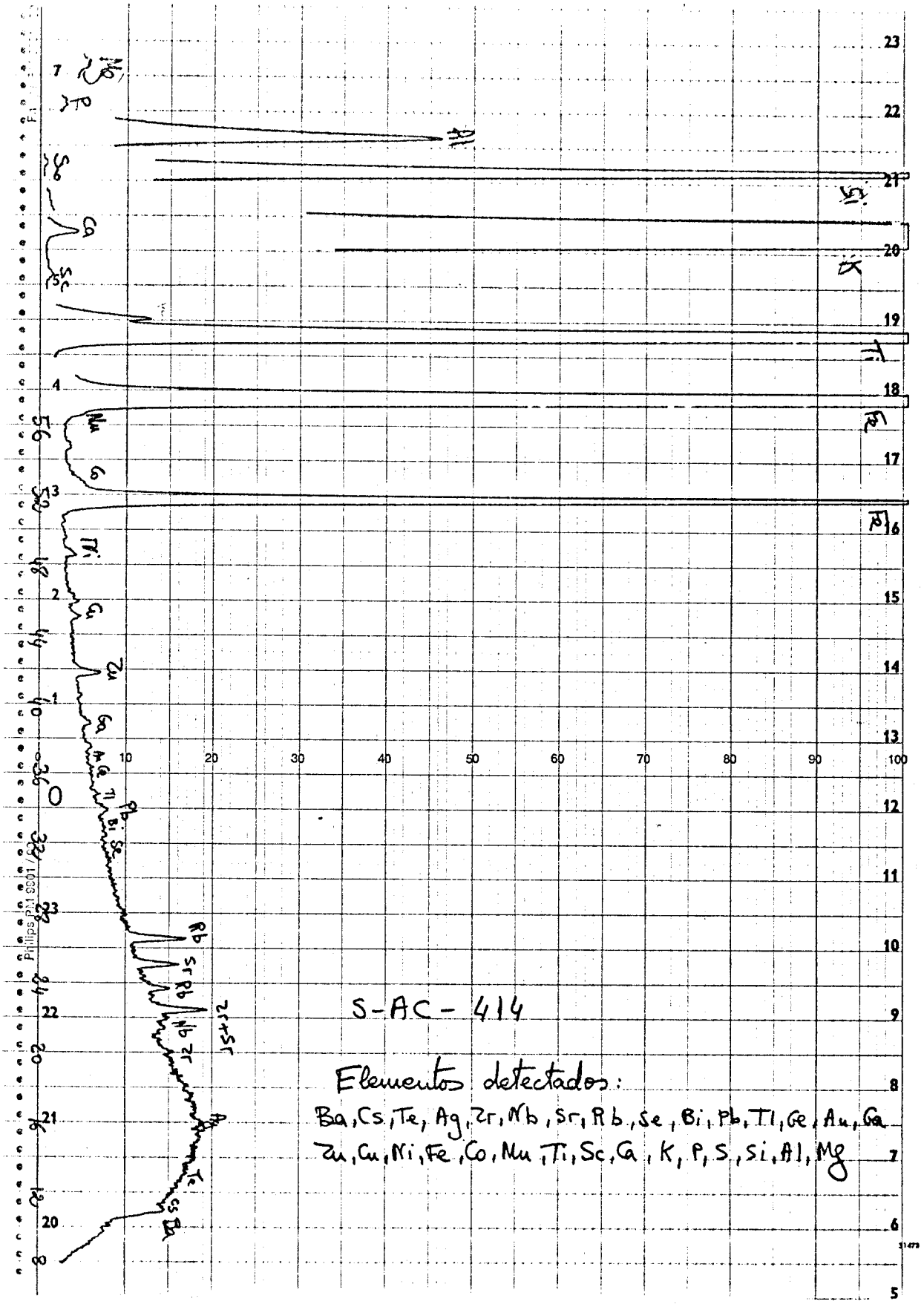

S-AC-412
Elementos detectados:
Ba, Sc, Te, Sb, Sn, Ag Pd, Rh, Mo, Nb, Zr, Sr, Rb, Th
Bi, Pb, Ga, Zn, W, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S
Si, Al, Mg

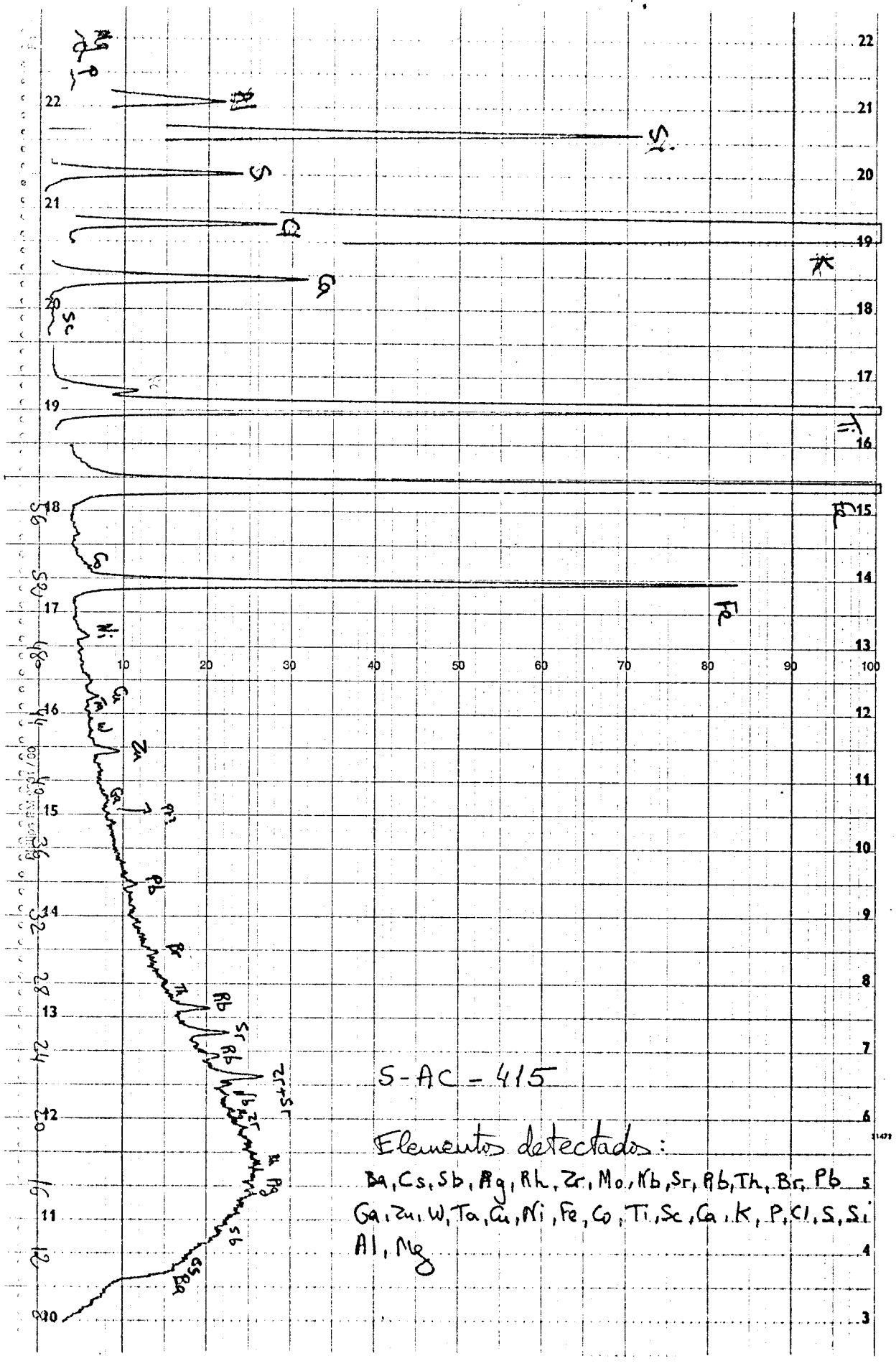


S-AC-413

Elementos detectados:

Ba, Cs, Sn, Ag, Zr, Mo, Nb, Sr, Rb, Th, Se, Pb, Ge, Hg
Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

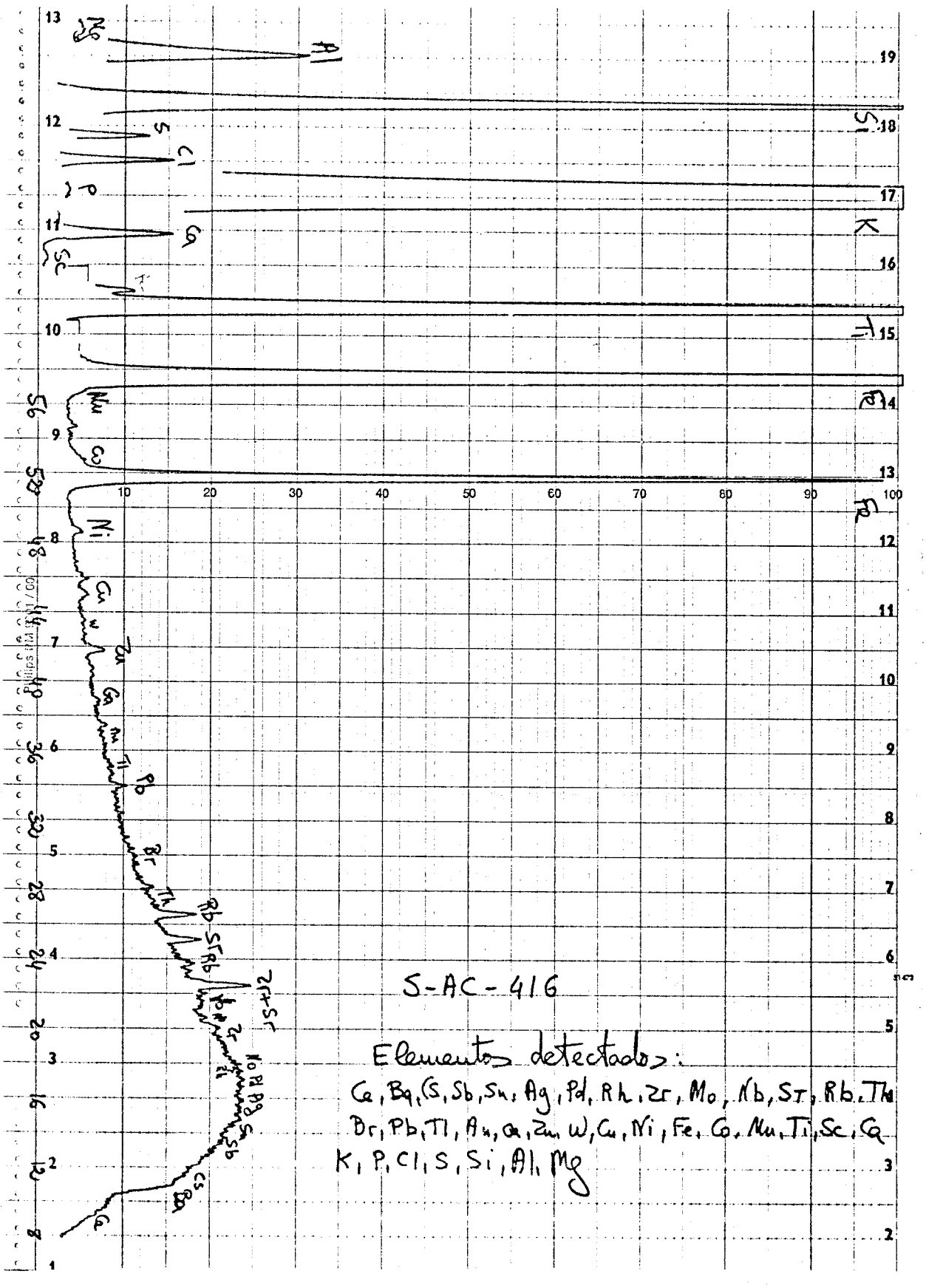

S-AC-414
Elementos detectados:
Ba, Cs, Te, Ag, Zr, Nb, Sr, Rb, Se, Bi, Pb, Tl, Ge, Au, Ga
Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg



S-AC-415

Elementos detectados:

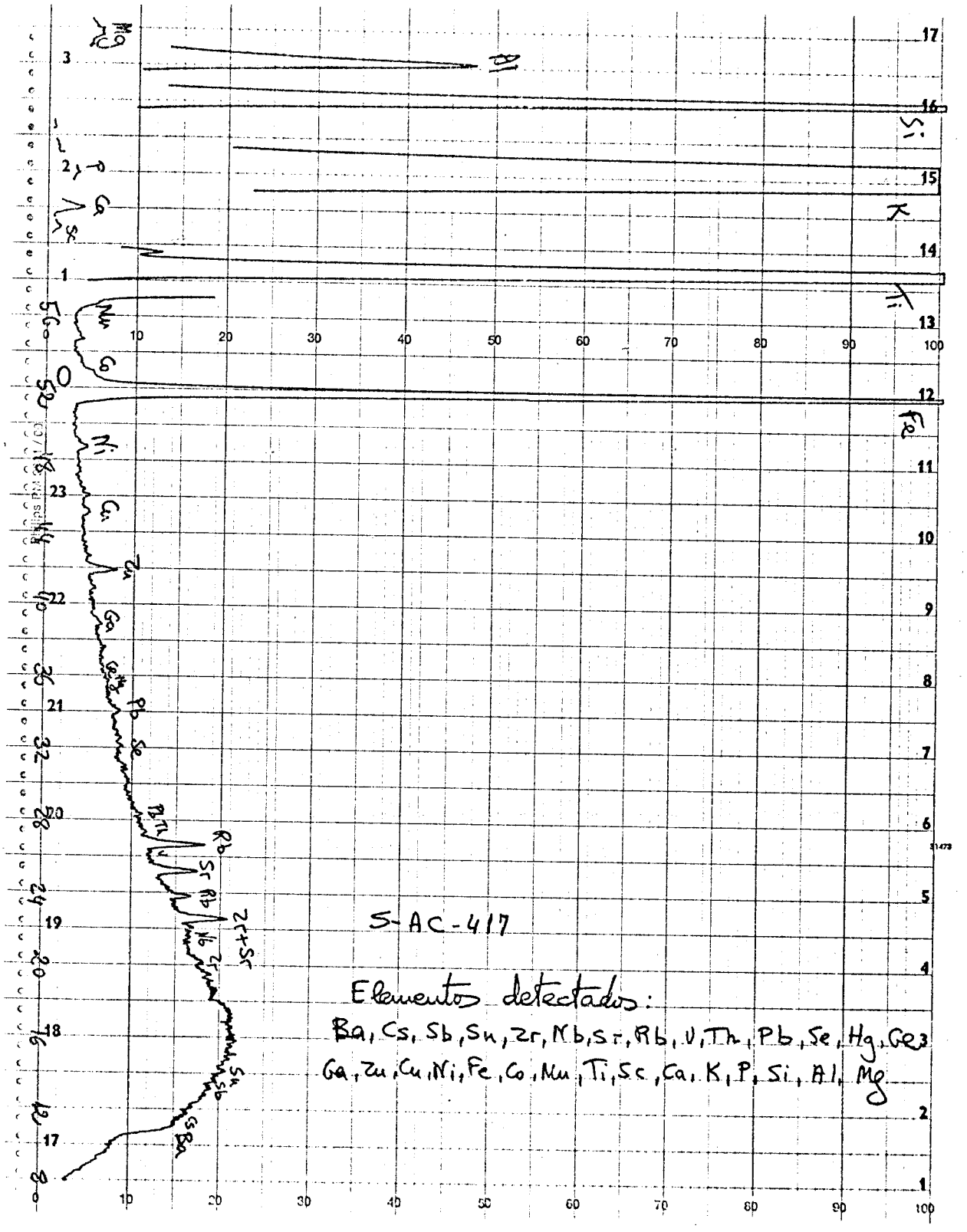
Ba, Cs, Sb, Ag, Rh, Zr, Mo, Rb, Sr, Pb, Th, Br, Pb
Ga, Zn, W, Ta, Cu, Ni, Fe, Co, Ti, Sc, Ca, K, P, Cl, S, Si
Al, Mg



S-AC-416

Elementos detectados:

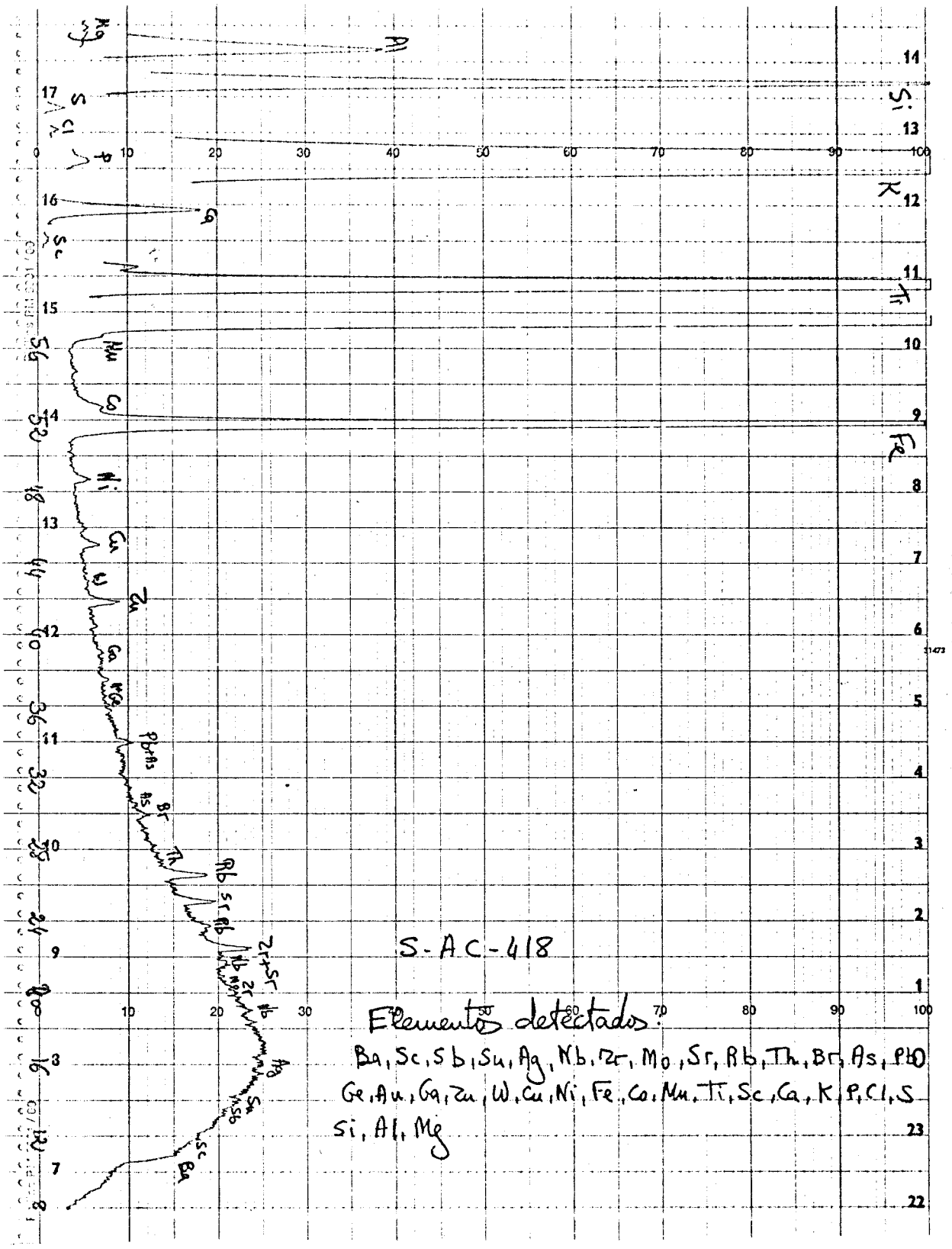
Ca, Ba, Cs, Sb, Sn, Ag, Pd, Rh, Zr, Mo, Nb, Sr, Rb, Th
Br, Pb, Tl, Au, Ce, Zn, W, Cu, Ni, Fe, Co, Mn, Ti, Sc, Cl
K, P, Cl, S, Si, Al, Mg



S-AC-417

Elementos detectados:

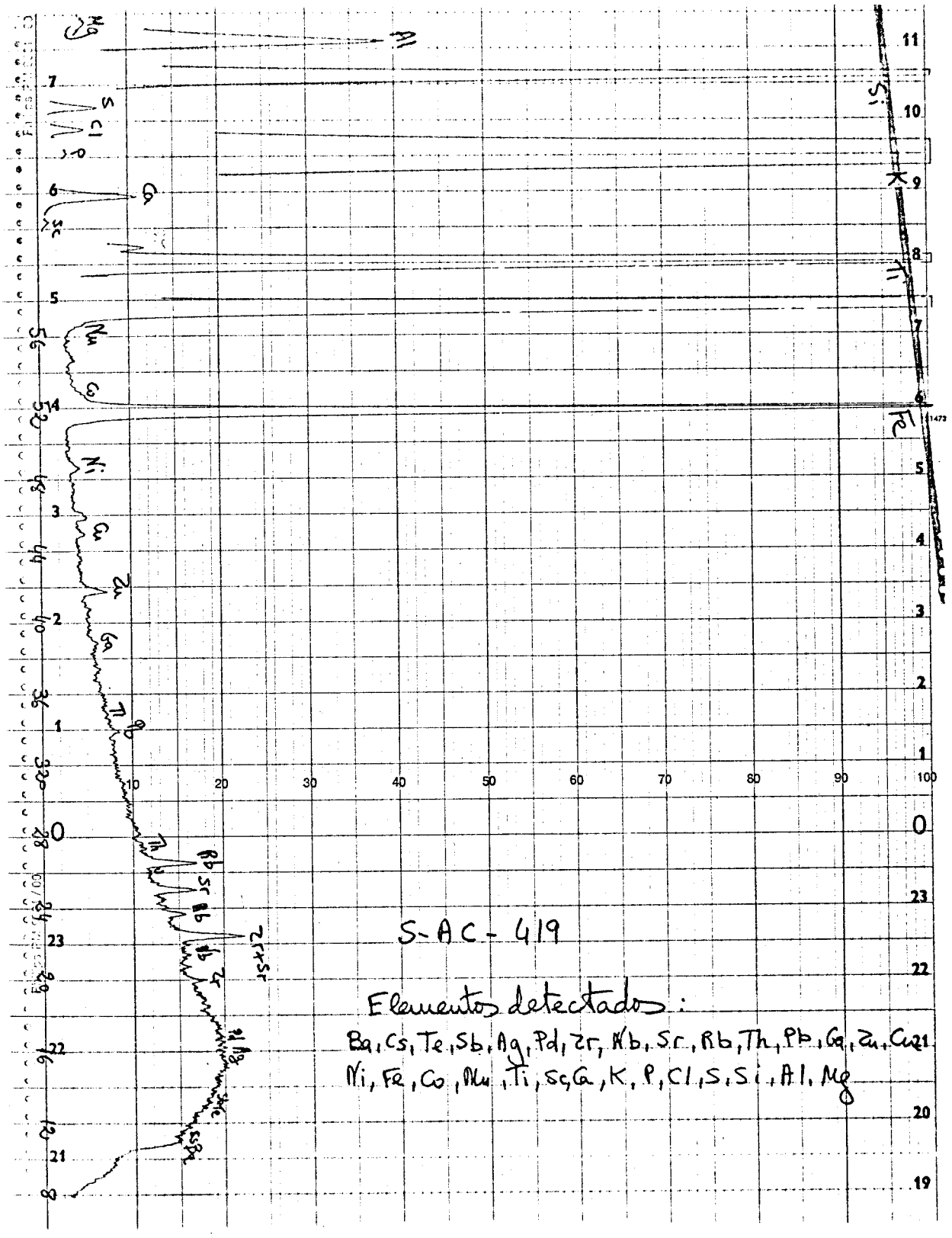
Ba, Cs, Sb, Sn, Zr, Nb, Sr, Rb, V, Th, Pb, Se, Hg, Ge, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Si, Al, Mg



S-AC-418

Elementos detectados:

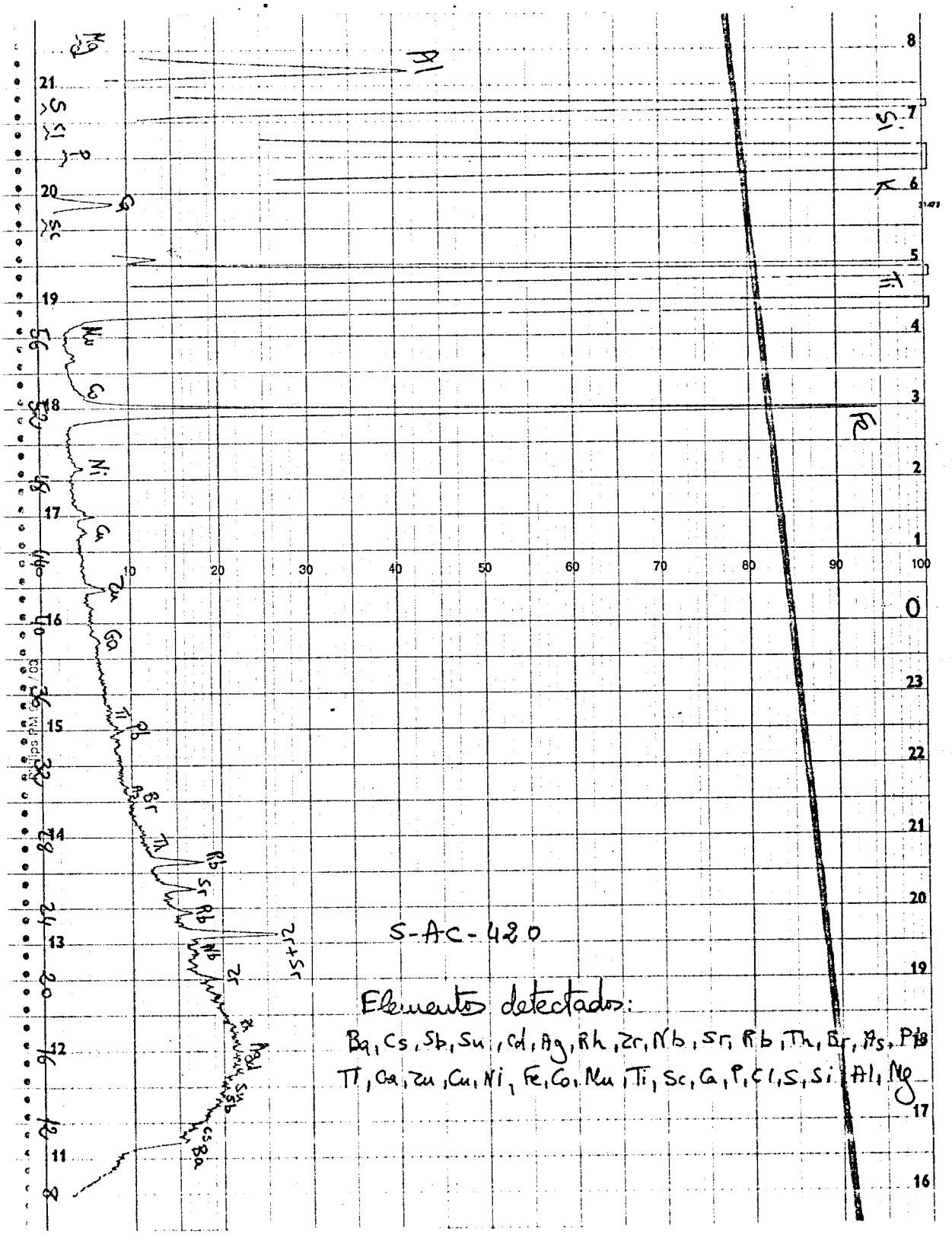
Ba, Sc, Sb, Sn, Ag, Nb, Zr, Mo, Sr, Rb, Th, Br, As, Pb
Ge, Au, Ga, Zn, W, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S
Si, Al, Mg



S-AC-419

Elementos detectados:

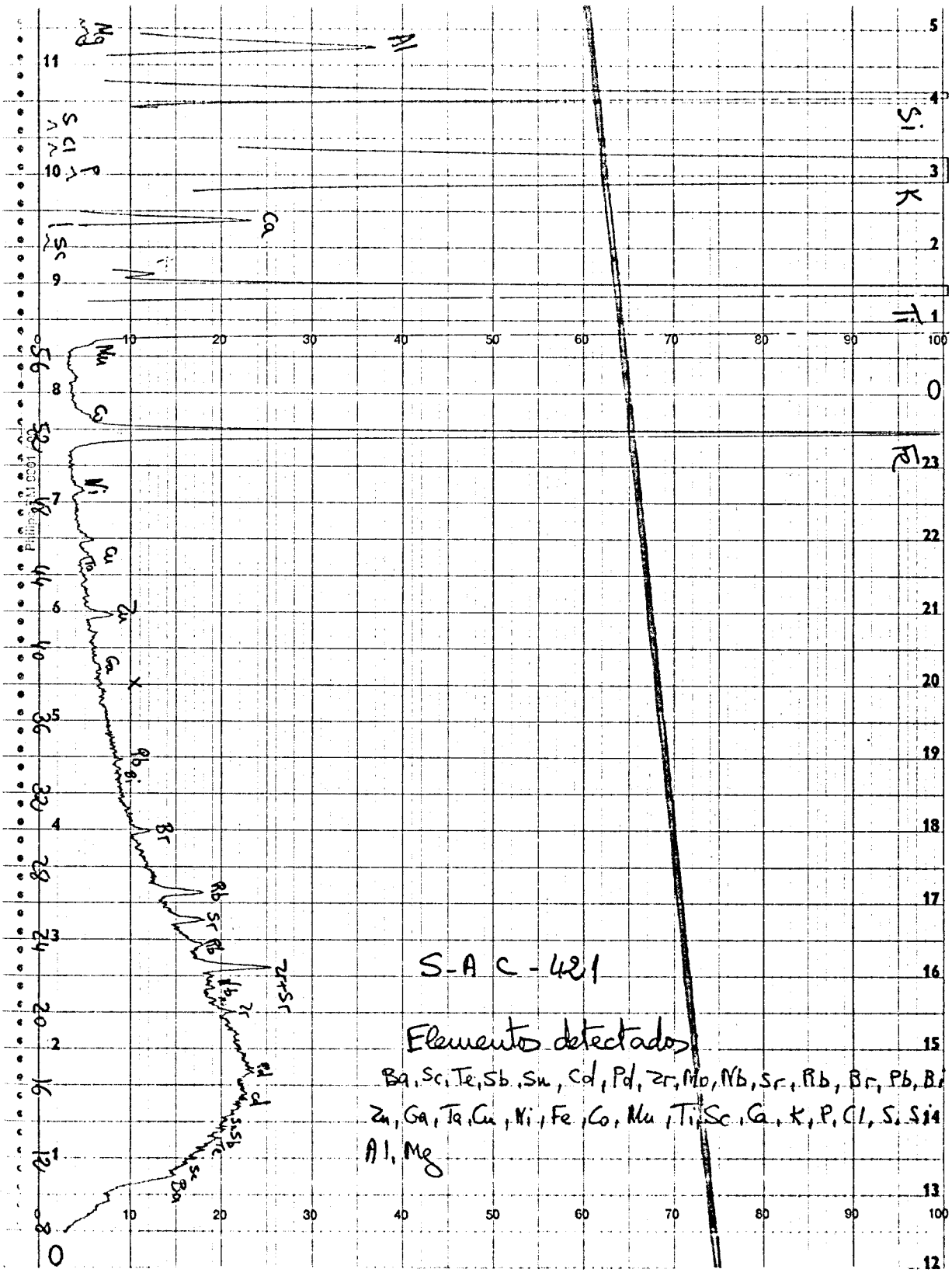
Ba, Cs, Te, Sb, Ag, Pd, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

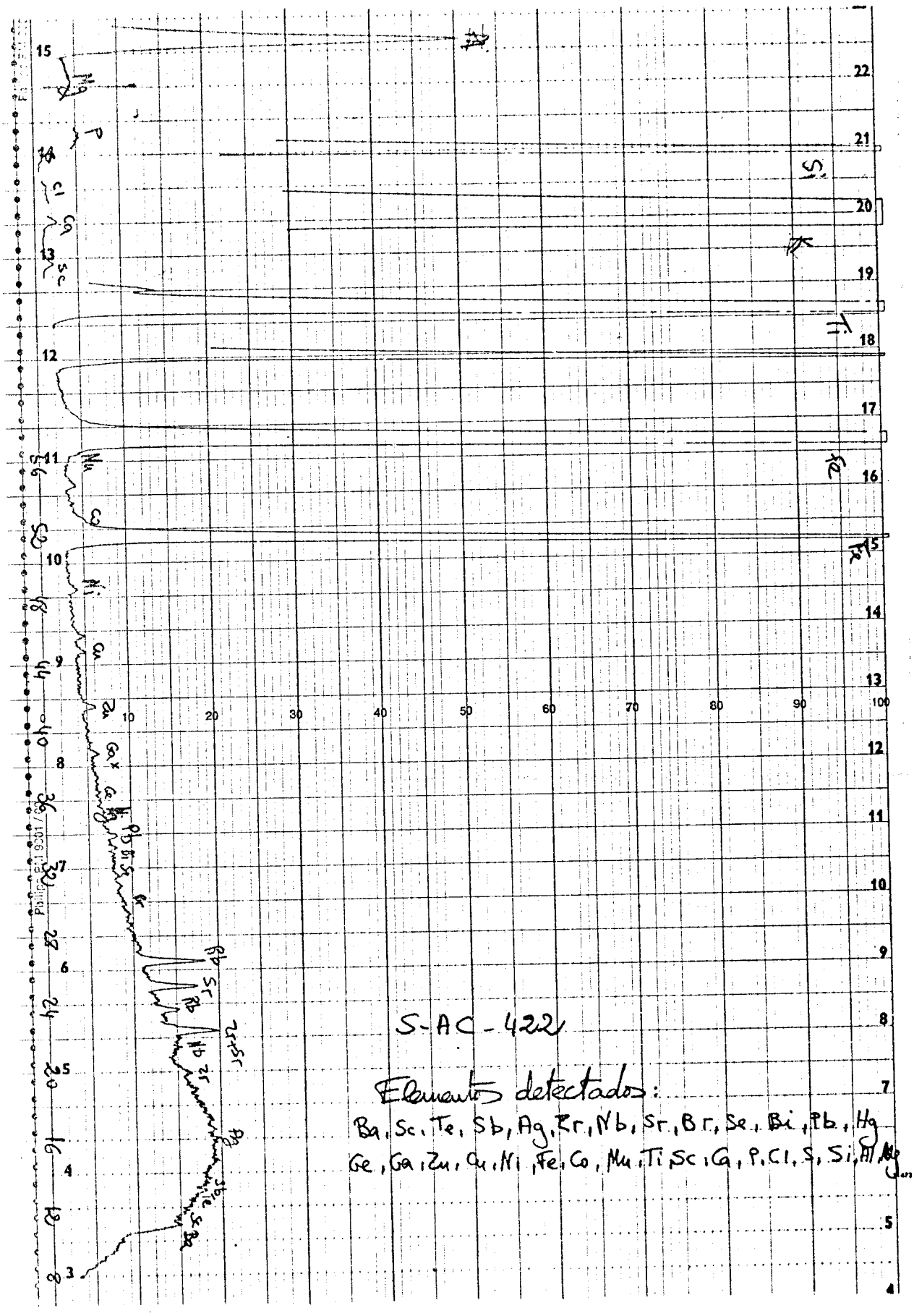


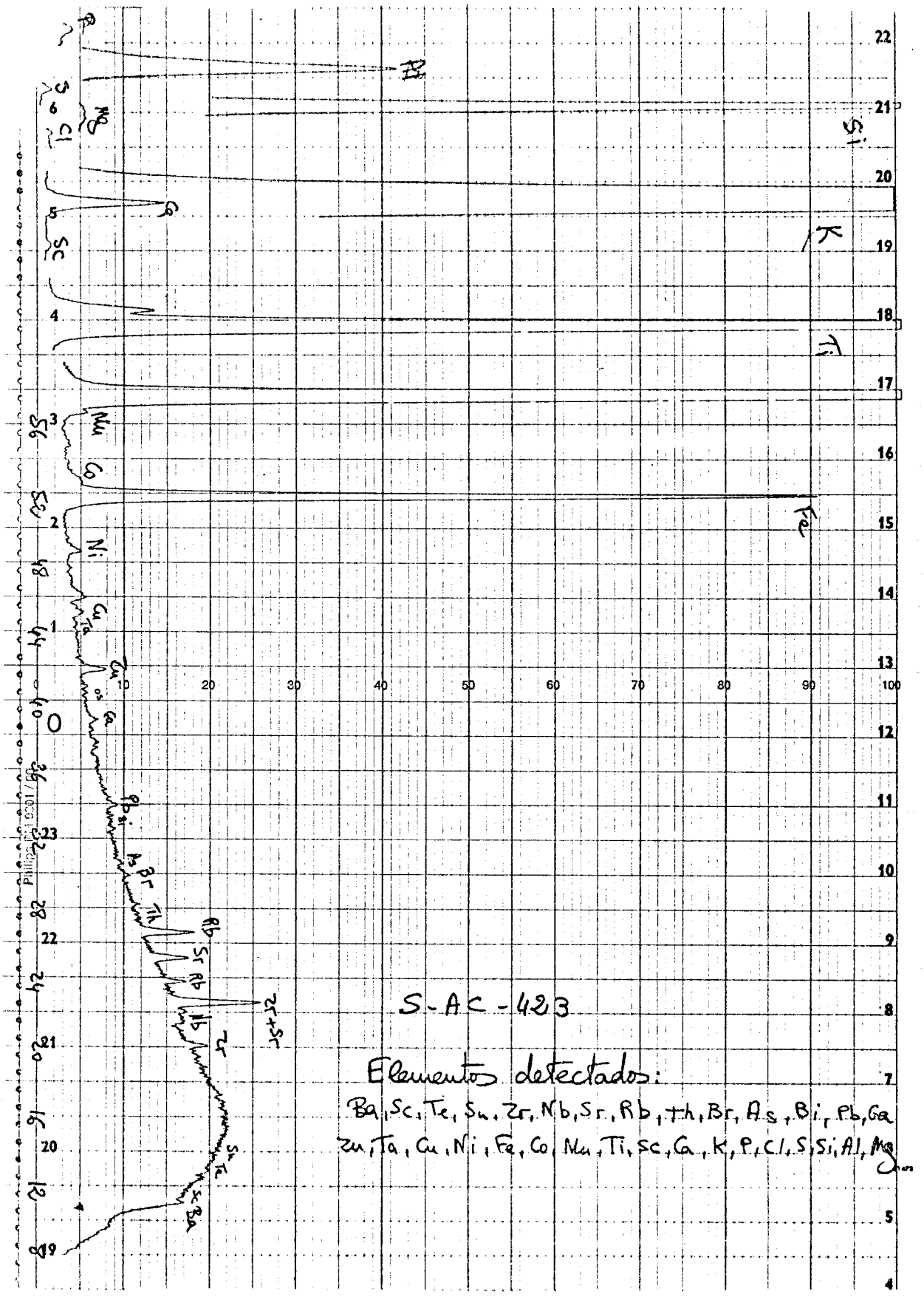
S-AC-420

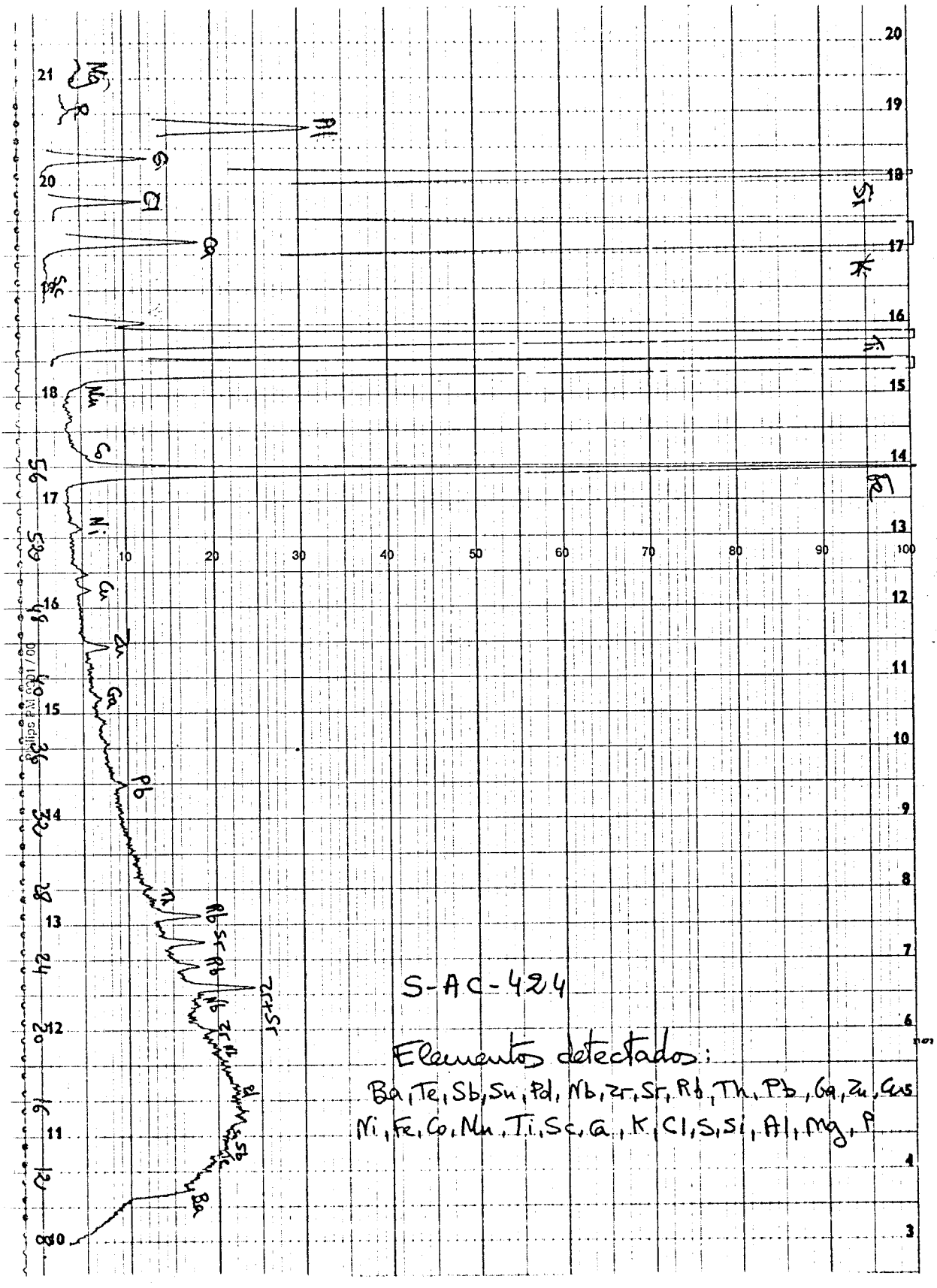
Elementos detectados:

Ba, Cs, Sb, Sn, Cd, Ag, Rh, Zr, Nb, Sr, Rb, Th, Br, As, Pb
Tl, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, P, Cl, S, Si, Al, Mg


S-A C-421
Elementos detectados
Ba, Sc, Te, Sb, Sn, Cd, Pd, Zr, Mo, Nb, Sr, Rb, Br, Pb, Bi
Zn, Ga, Ta, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si
Al, Mg


S-AC-422
Elementos detectados:
Ba, Sc, Te, Sb, Ag, Br, Nb, Sr, Br, Se, Bi, Pb, Hg
Ge, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, P, Cl, S, Si, Al, Mg

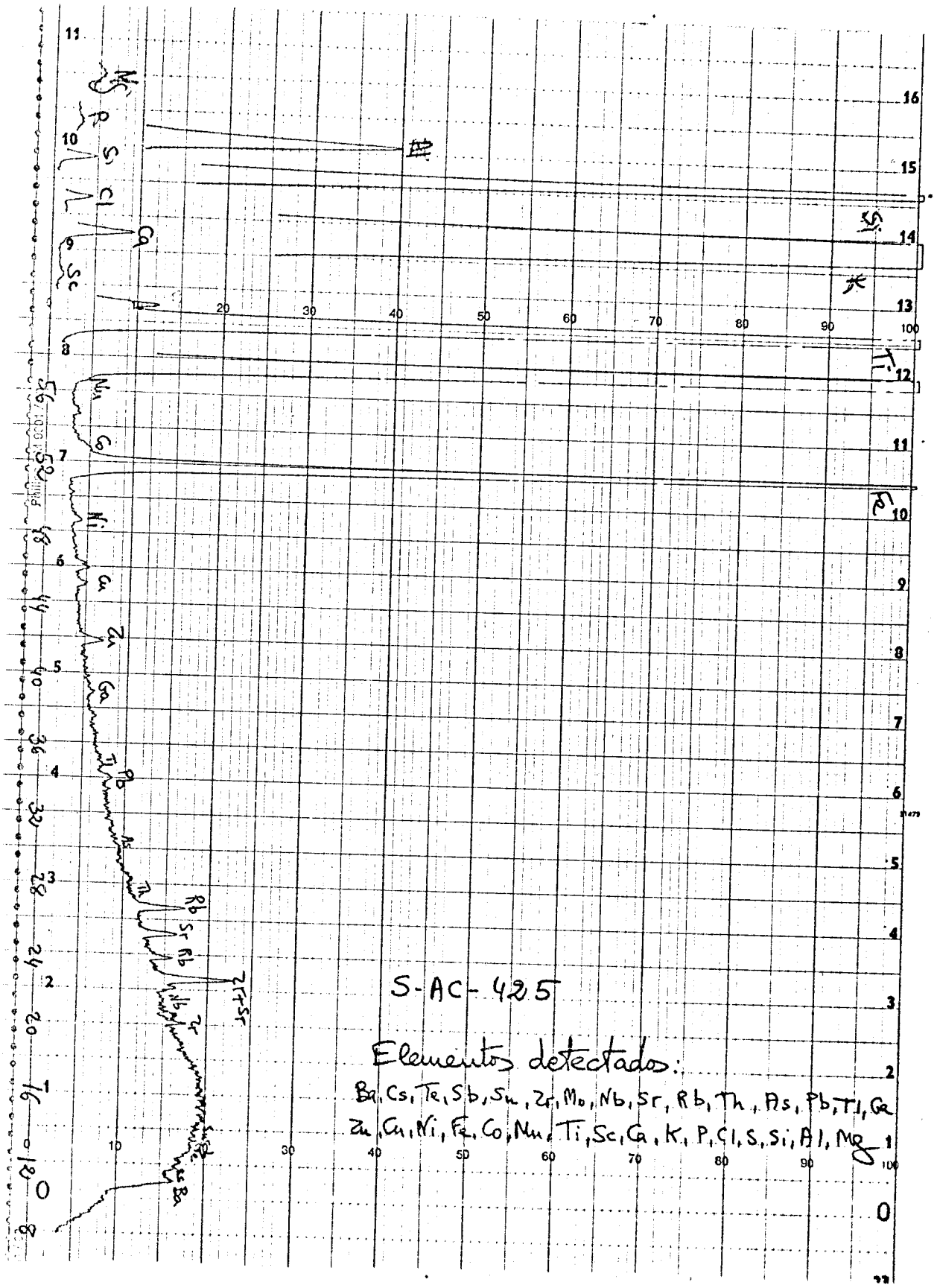

S-AC-423
Elementos detectados:
Ba, Sc, Te, Sn, Zr, Nb, Sr, Rb, Th, Br, As, Bi, Pb, Ga
Zn, Ta, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

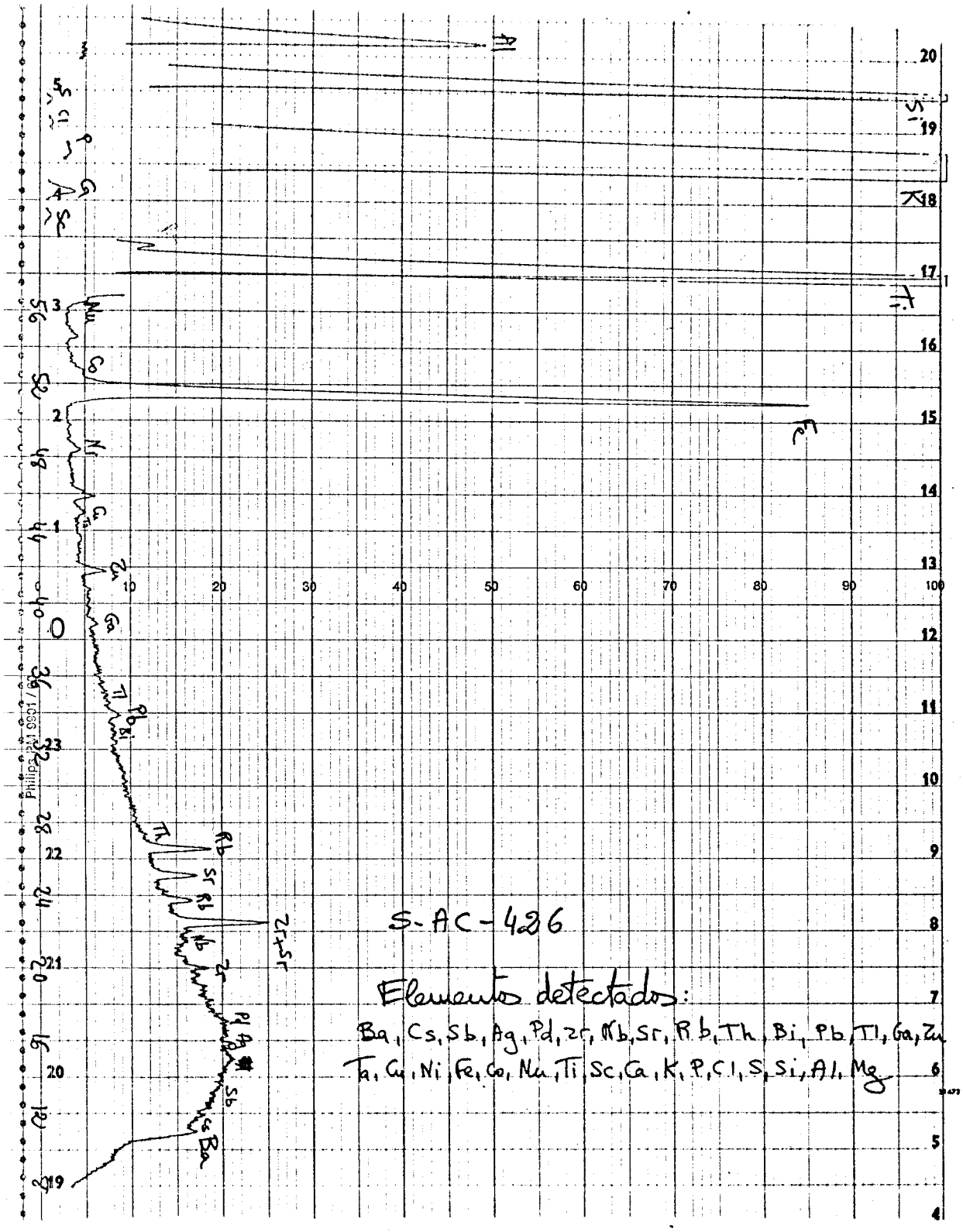


S-AC-424

Elementos detectados:

Ba, Te, Sb, Sn, Pd, Nb, Zr, Sr, Rb, Th, Pb, Ga, Zn, Cu
Ni, Fe, Co, Mn, Ti, Sc, Ca, K, Cl, S, Si, Al, Mg, P

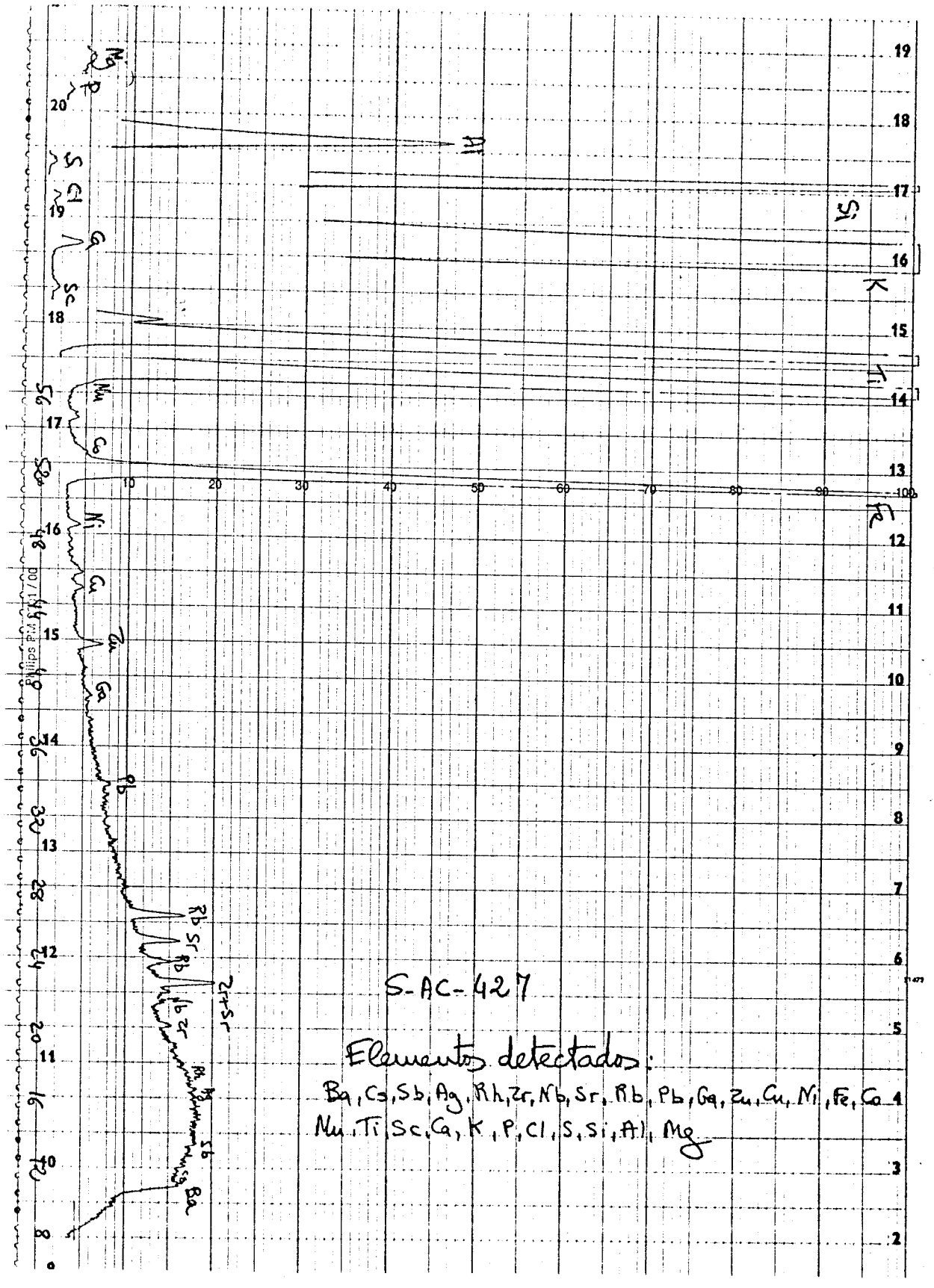

S-AC-425
Elementos detectados:
Ba, Cs, Te, Sb, Sn, Zr, Mo, Nb, Sr, Rb, Th, As, Pb, Tl, Ga
Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg



S-AC-426

Elementos detectados:

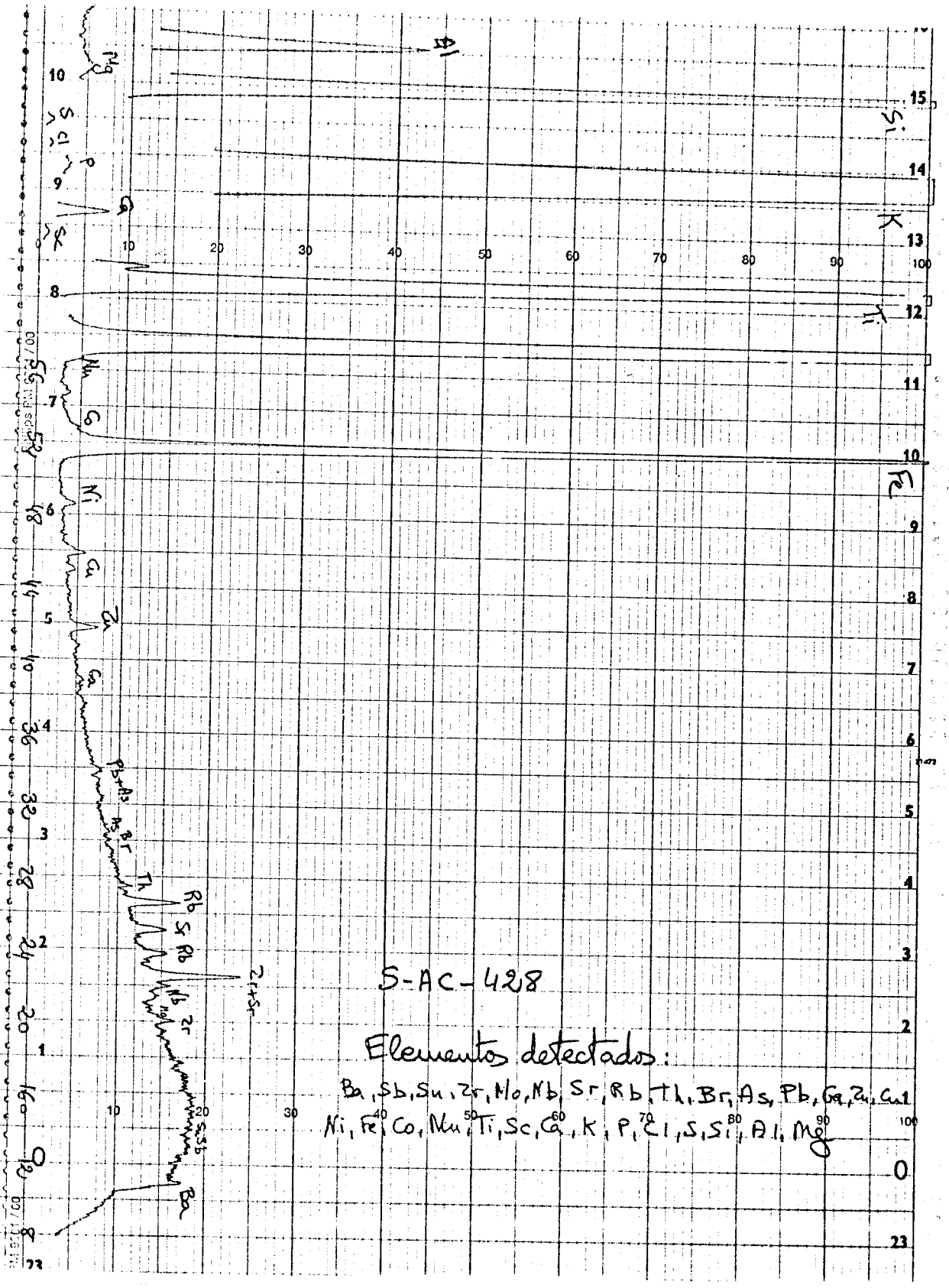
Ba, Cs, Sb, Ag, Pd, Zr, Nb, Sr, Rb, Th, Bi, Pb, Tl, Ga, Zn
Ta, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

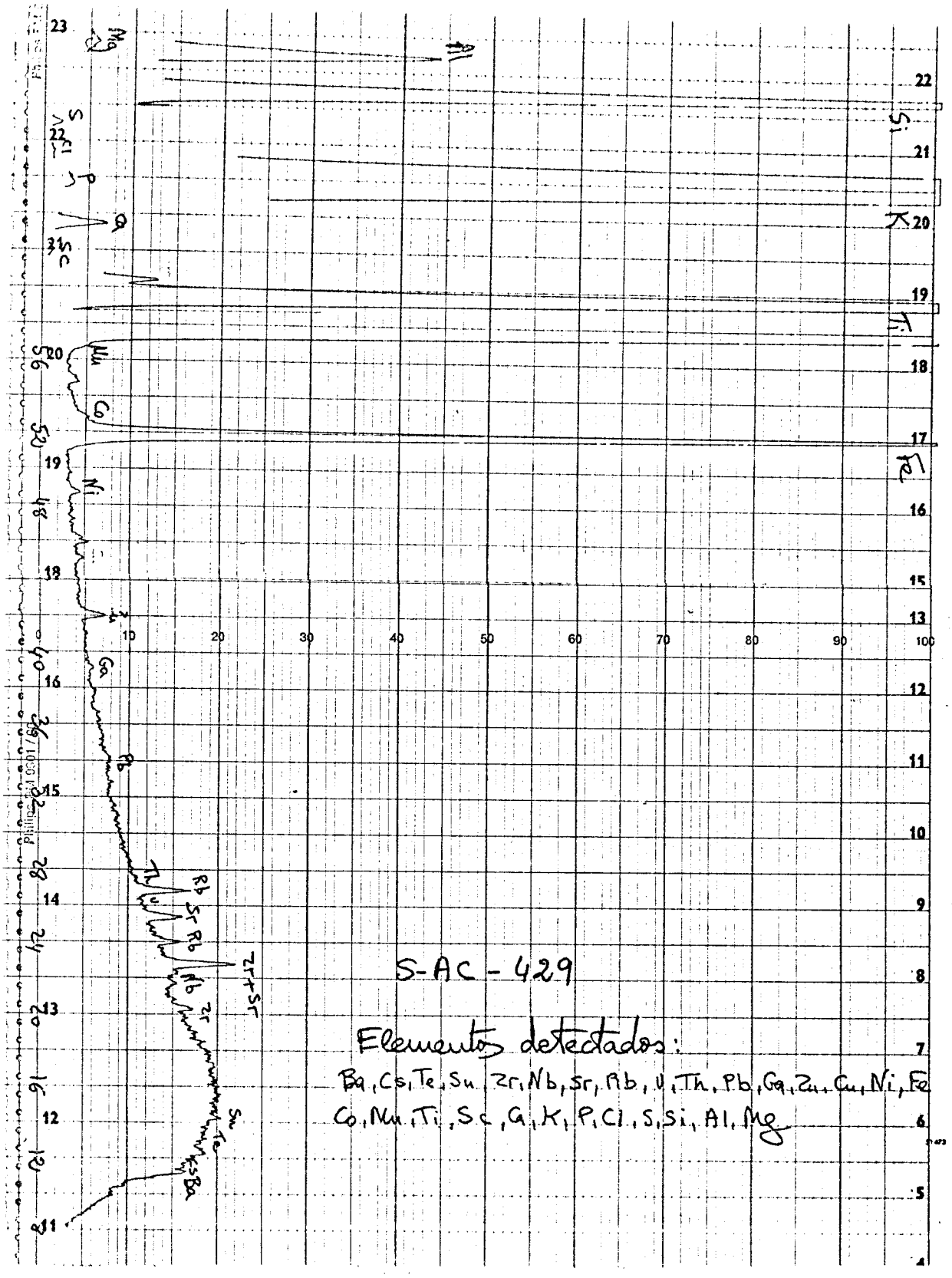


S-AC-427

Elementos detectados:

Ba, Cs, Sb, Ag, Rh, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Ca
Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

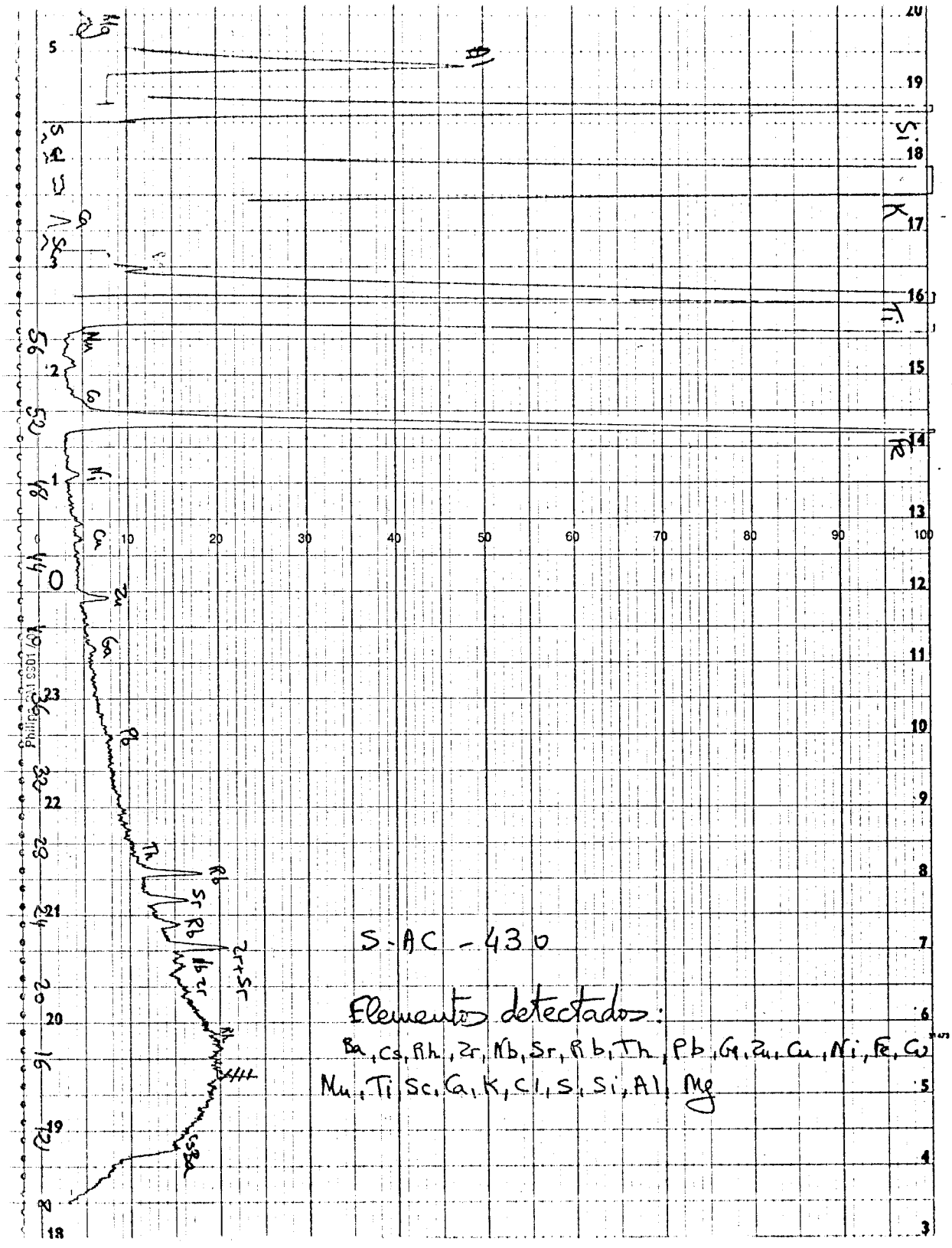

Ag
Cd
Sn
Sb
Ba
Cs
Xe
I
Te
Sn
Sb
Ag
Pd
Rh
Ru
Mo
Nb
Zr
Sr
Rb
Kr
Br
As
Pb
Hg
Au
Pt
Ir
Os
Re
W
Ta
Hf
Lu
Yb
Tm
Er
Ho
Dy
Tb
Gd
Eu
Sm
Pm
Nd
Pr
Ce
La

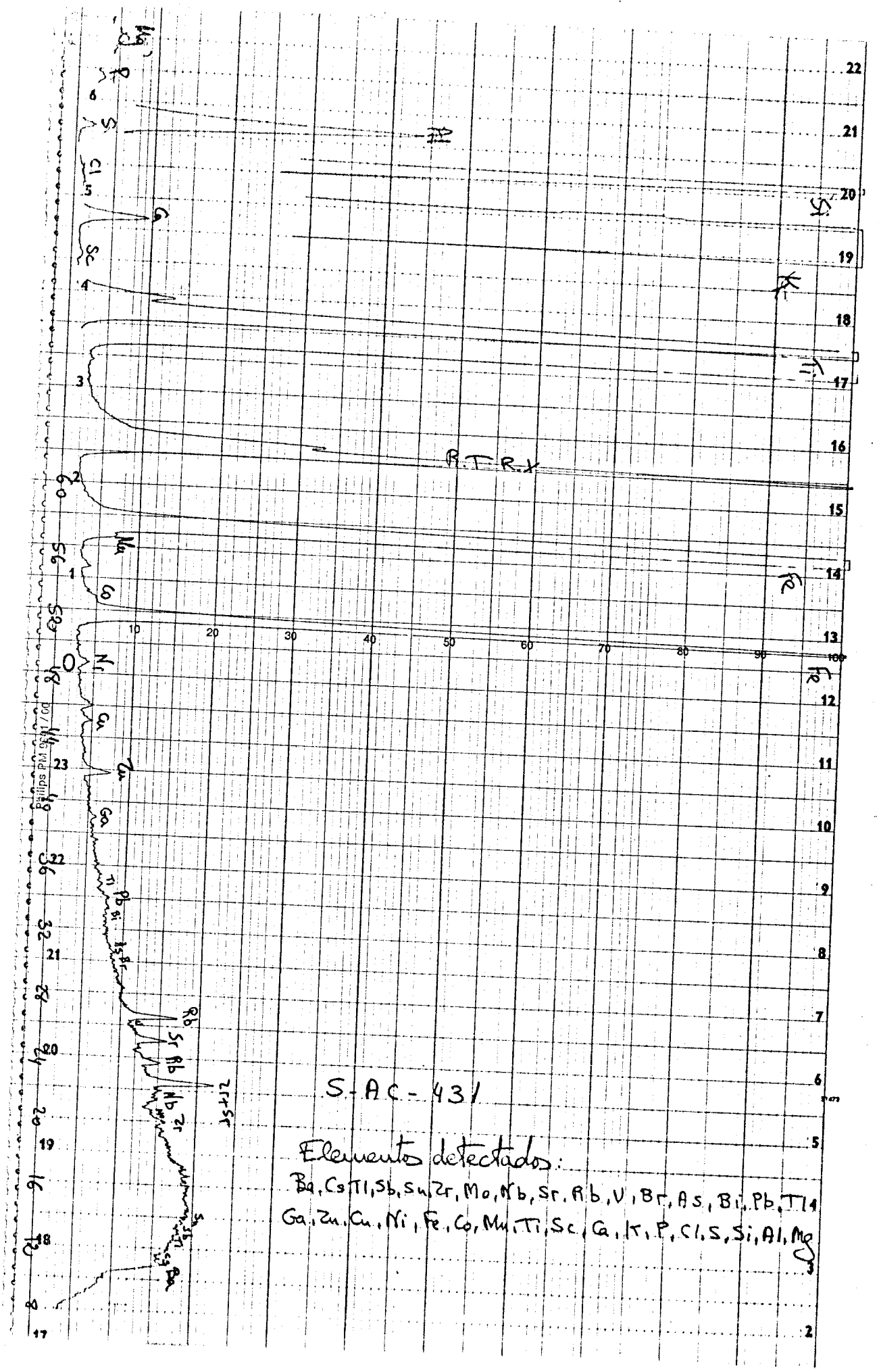


S-AC-429

Elementos detectados:

Ba, Cs, Te, Sn, Zr, Nb, Sr, Rb, U, Th, Pb, Ga, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

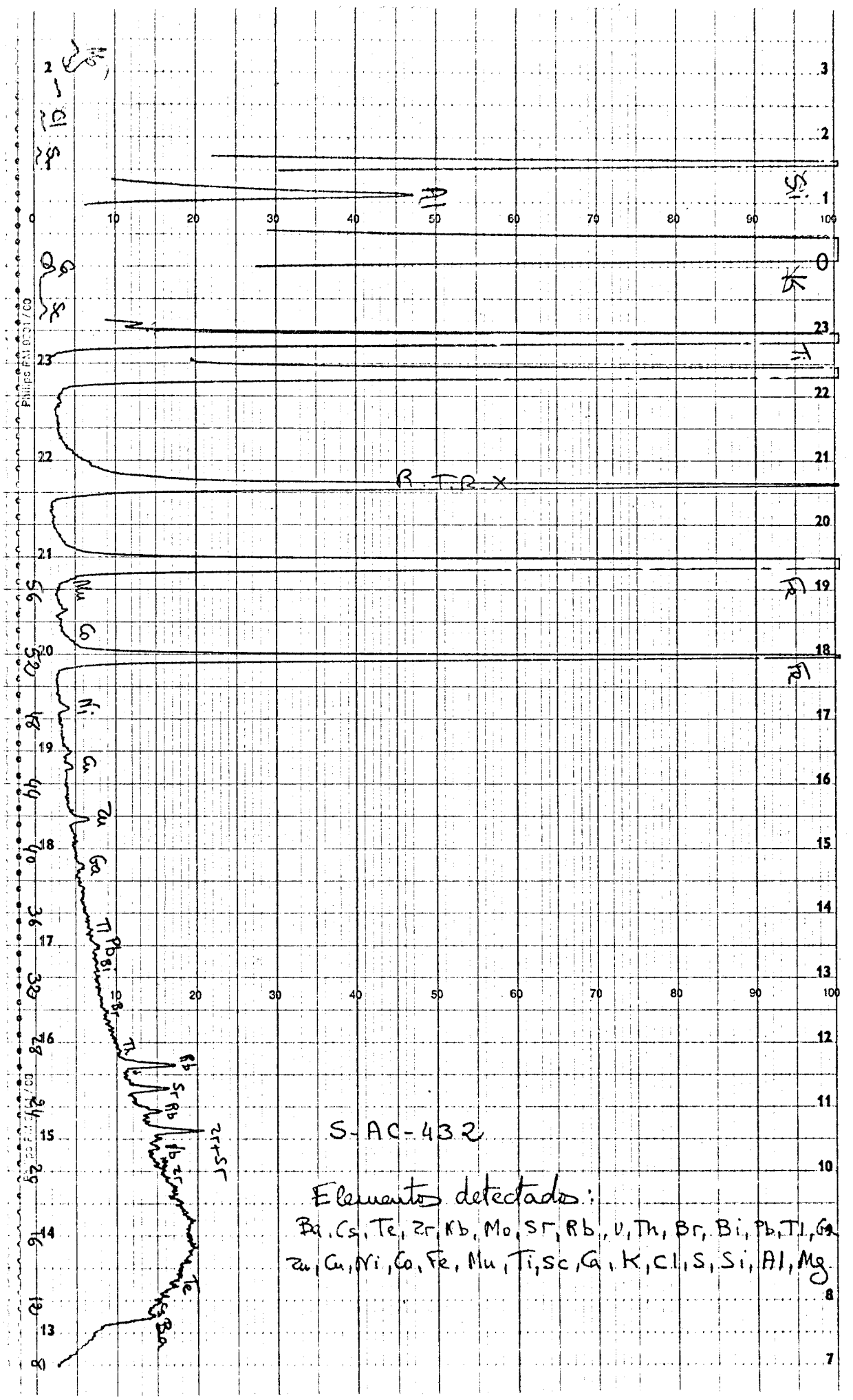

S-AC-430
Elementos detectados:
Ba, Cs, Rh, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe, Cu
Mn, Ti, Sc, Ca, K, Cl, S, Si, Al, Mg



S-AC-431

Elementos detectados:

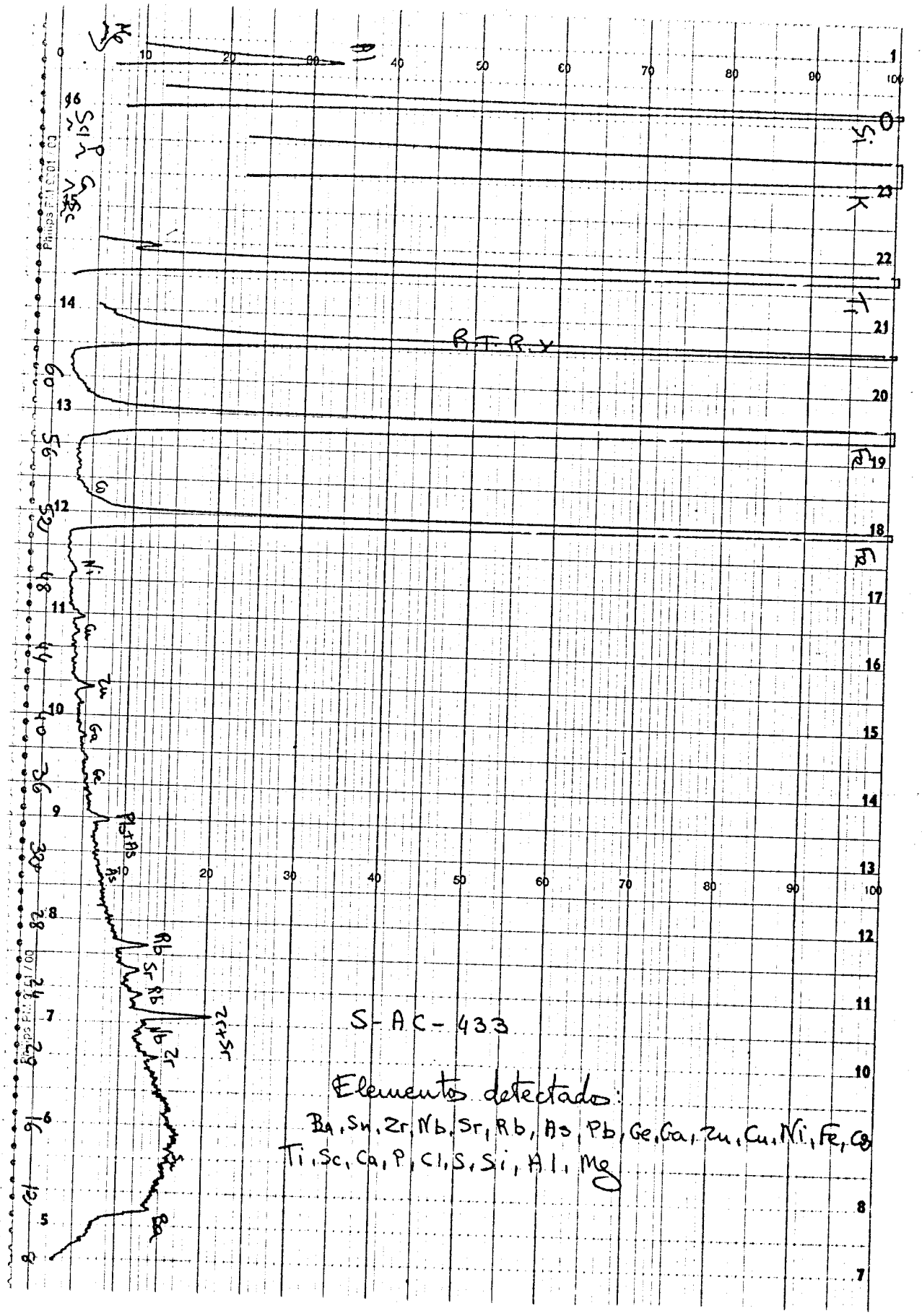
Ba, Cs, Tl, Sb, Sn, Zr, Mo, Nb, Sr, Rb, V, Br, As, Bi, Pb, Tl, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg



S-AC-432

Elementos detectados:

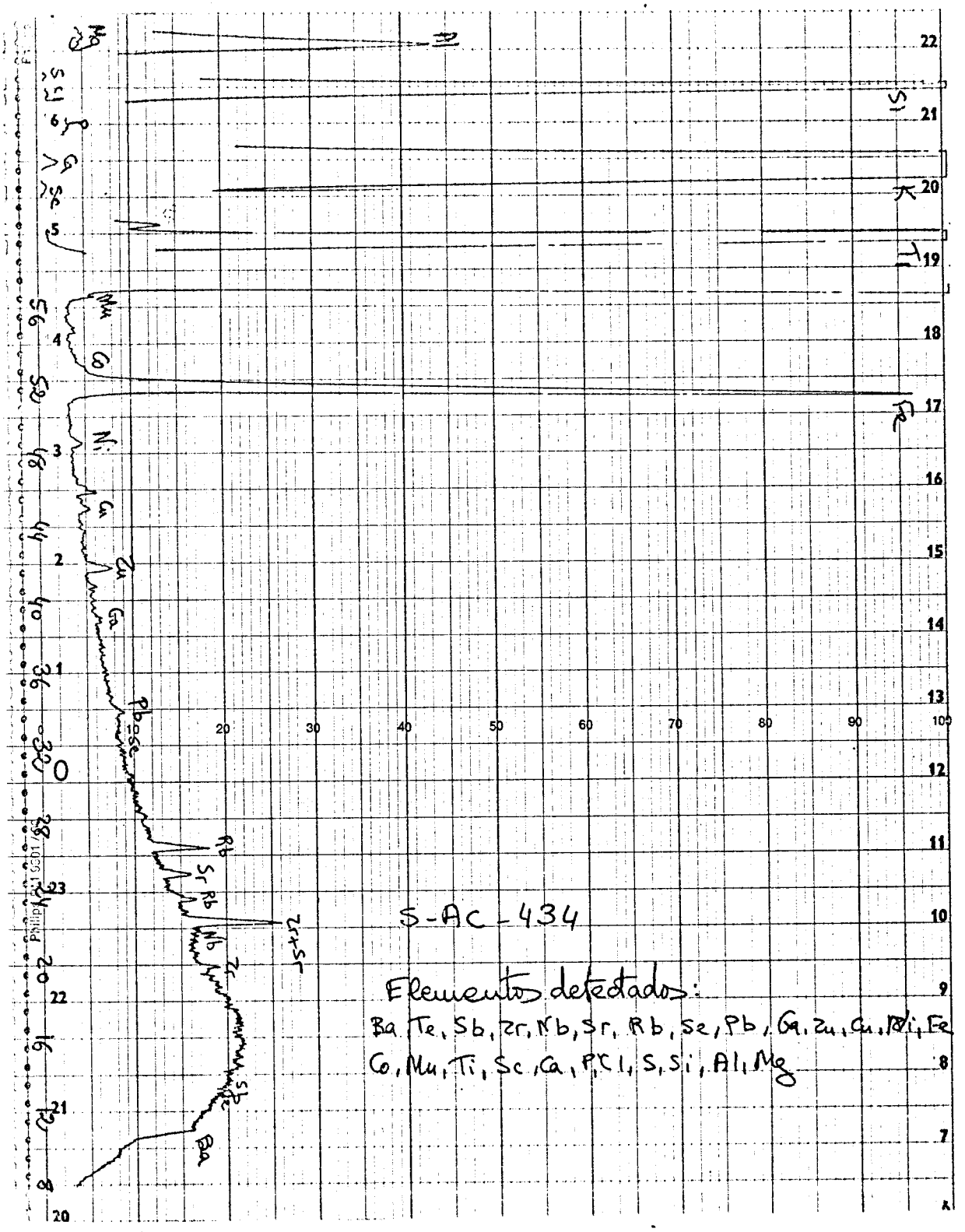
Ba, Cs, Te, Zr, Kb, Mo, Sr, Rb, U, Th, Br, Bi, Pb, Tl, Ga
Zn, Cu, Ni, Co, Fe, Mn, Ti, Sc, Ca, K, Cl, S, Si, Al, Mg



S-AC-433

Elementos detectados:

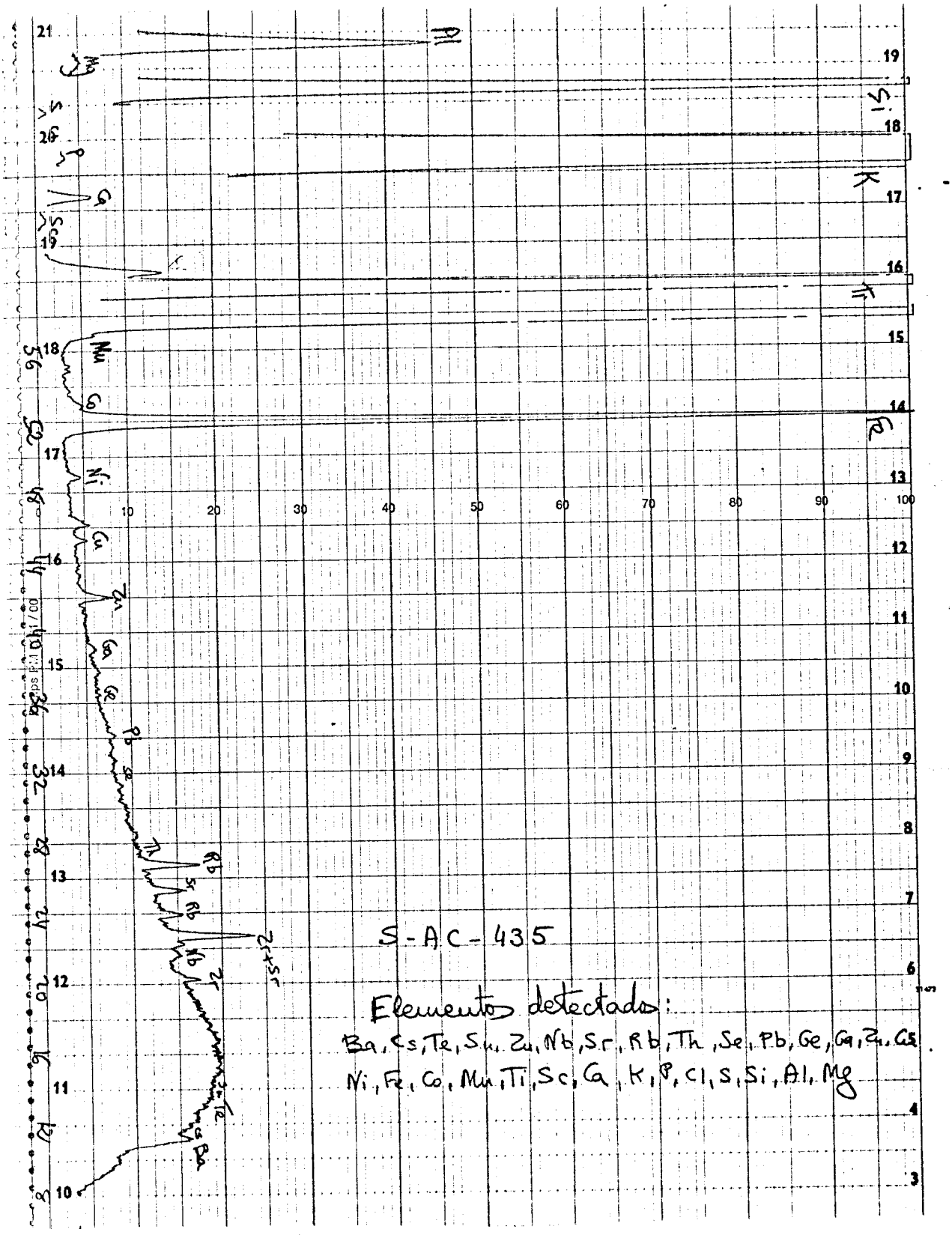
Ba, Sn, Zr, Nb, Sr, Rb, As, Pb, Ge, Ga, Zn, Cu, Ni, Fe, Co
Ti, Sc, Ca, P, Cl, S, Si, Al, Mg

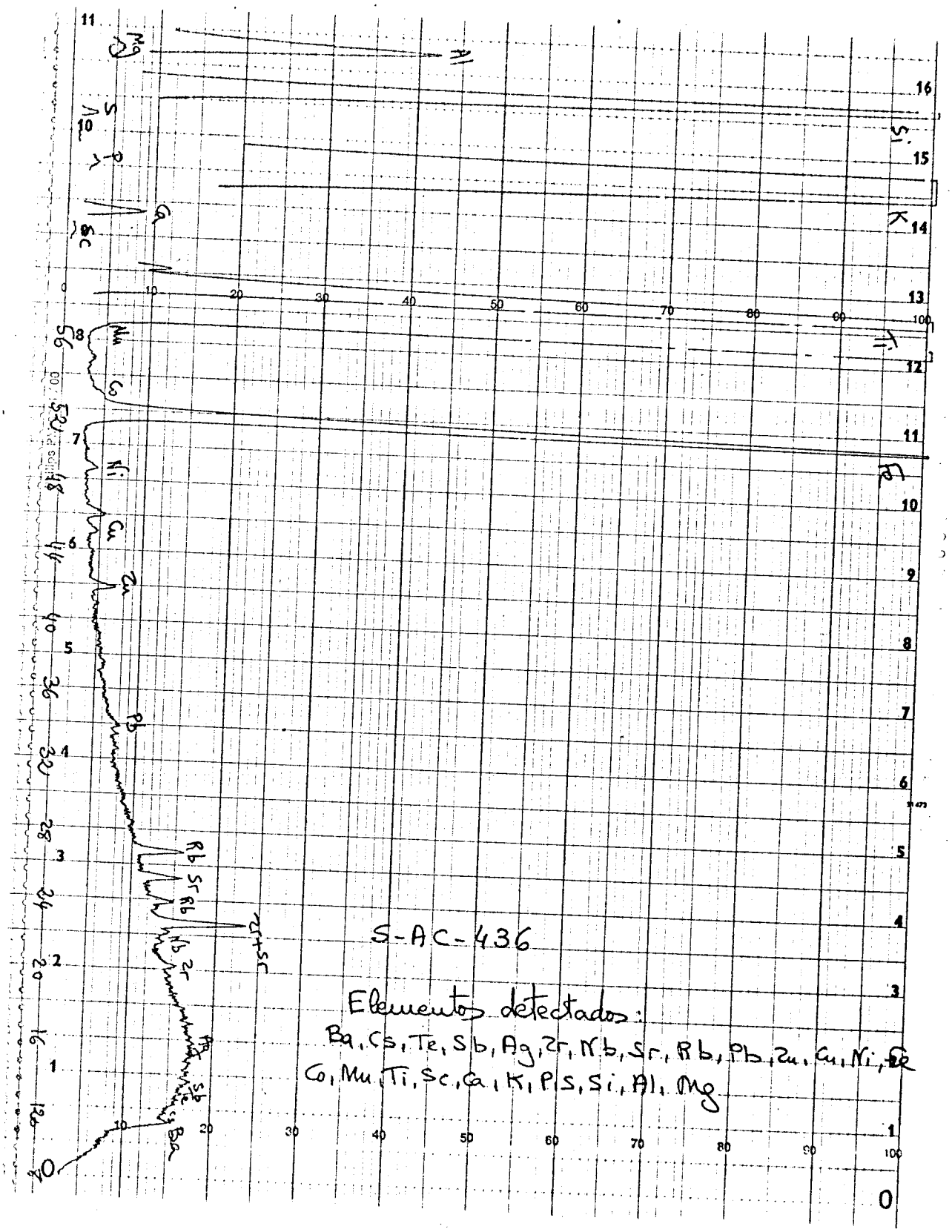


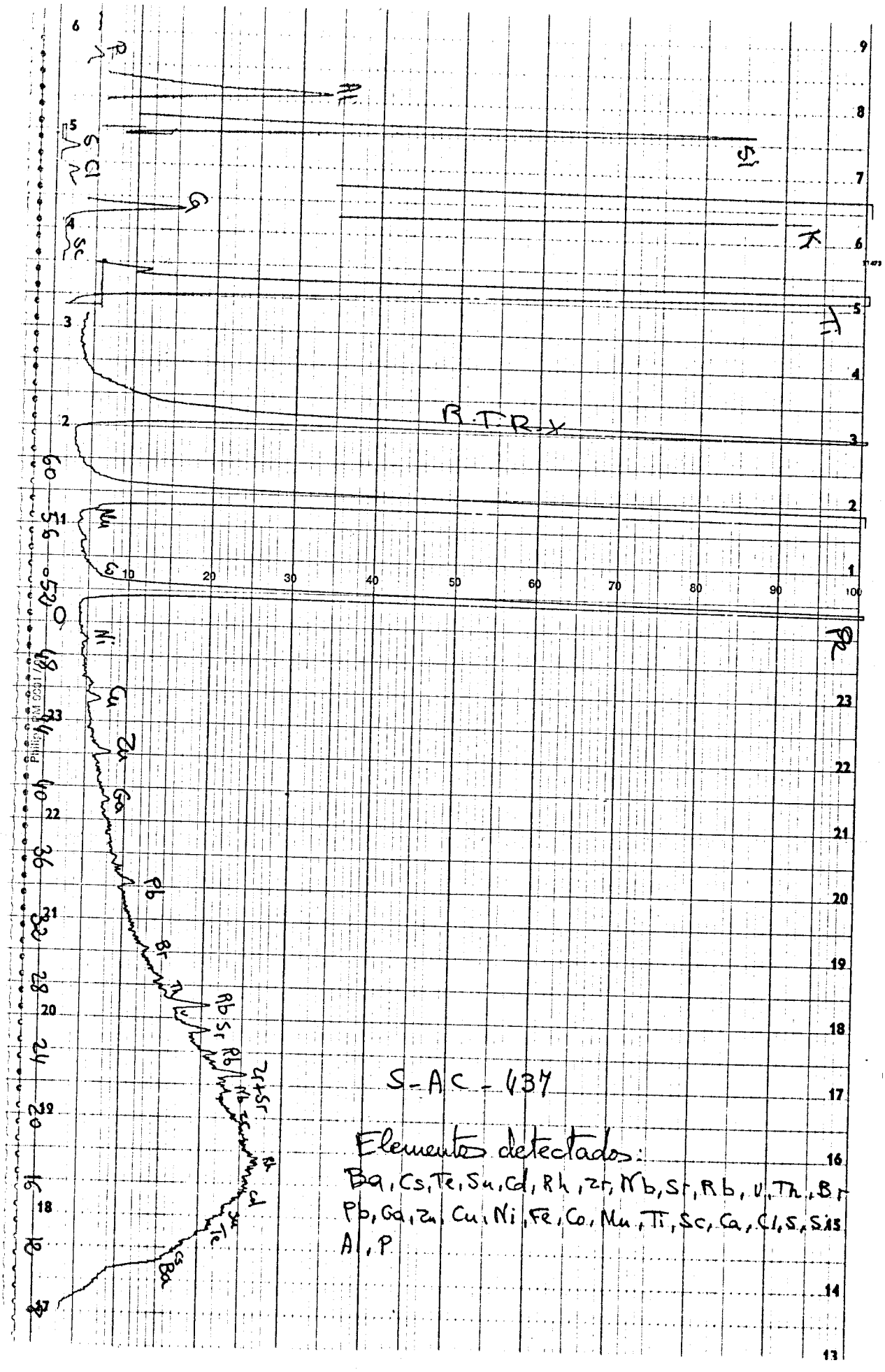
S-AC-434

Elementos detectados:

Ba, Te, Sb, Zr, Nb, Sr, Rb, Se, Pb, Ga, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, P, Cl, S, Si, Al, Mg


S-AC-435
Elementos detectados:
Ba, Cs, Te, Sn, Zn, Nb, Sr, Rb, Th, Se, Pb, Ge, Ga, Zr, Cs
Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

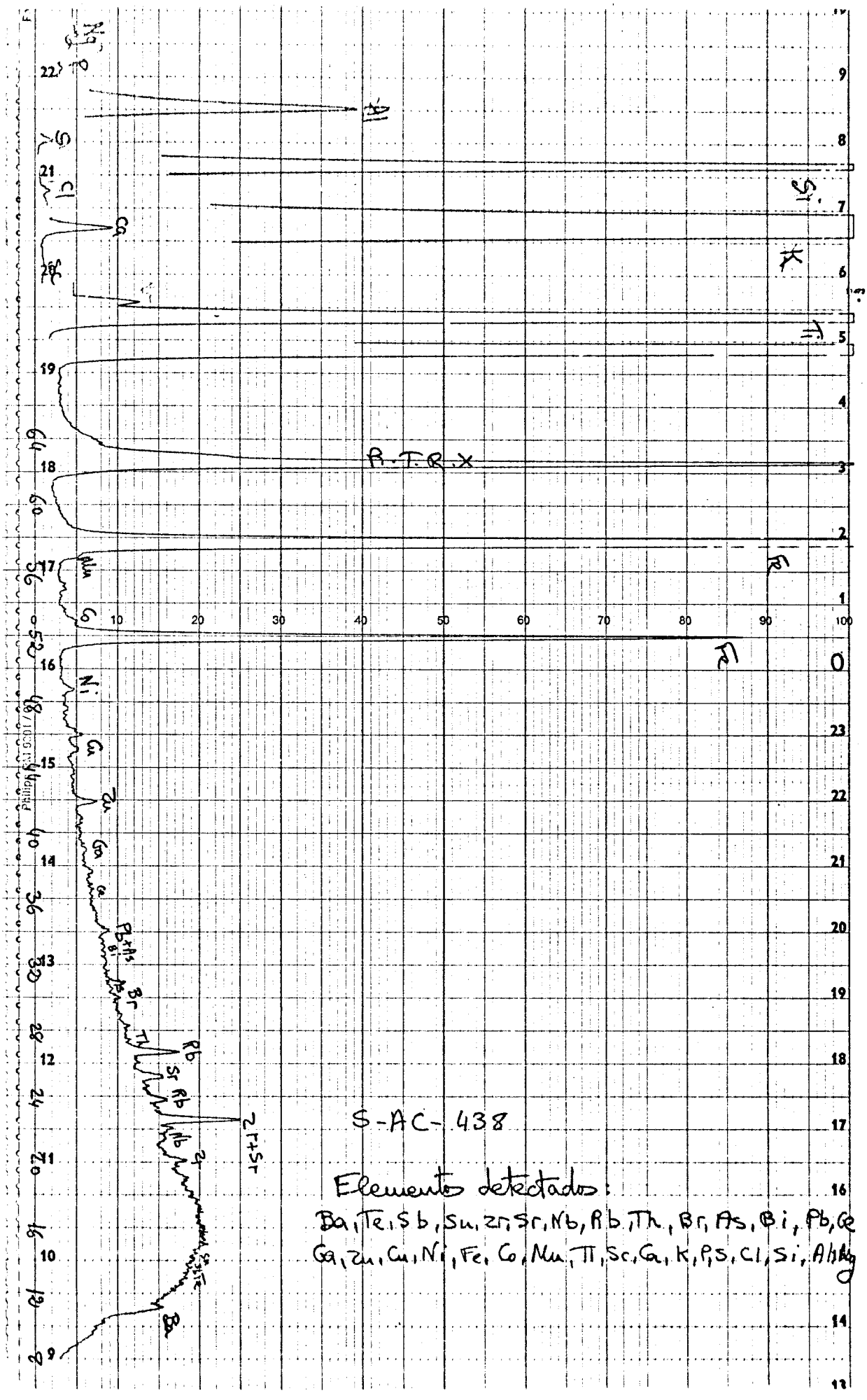

Mg
Al
Si
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Pb
Rb
Sr
Zr
Nb
Ag
Sb
Te
Ba
S-AC-436
Elementos detectados:
Ba, Cs, Te, Sb, Ag, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg



S-AC-437

Elementos detectados:

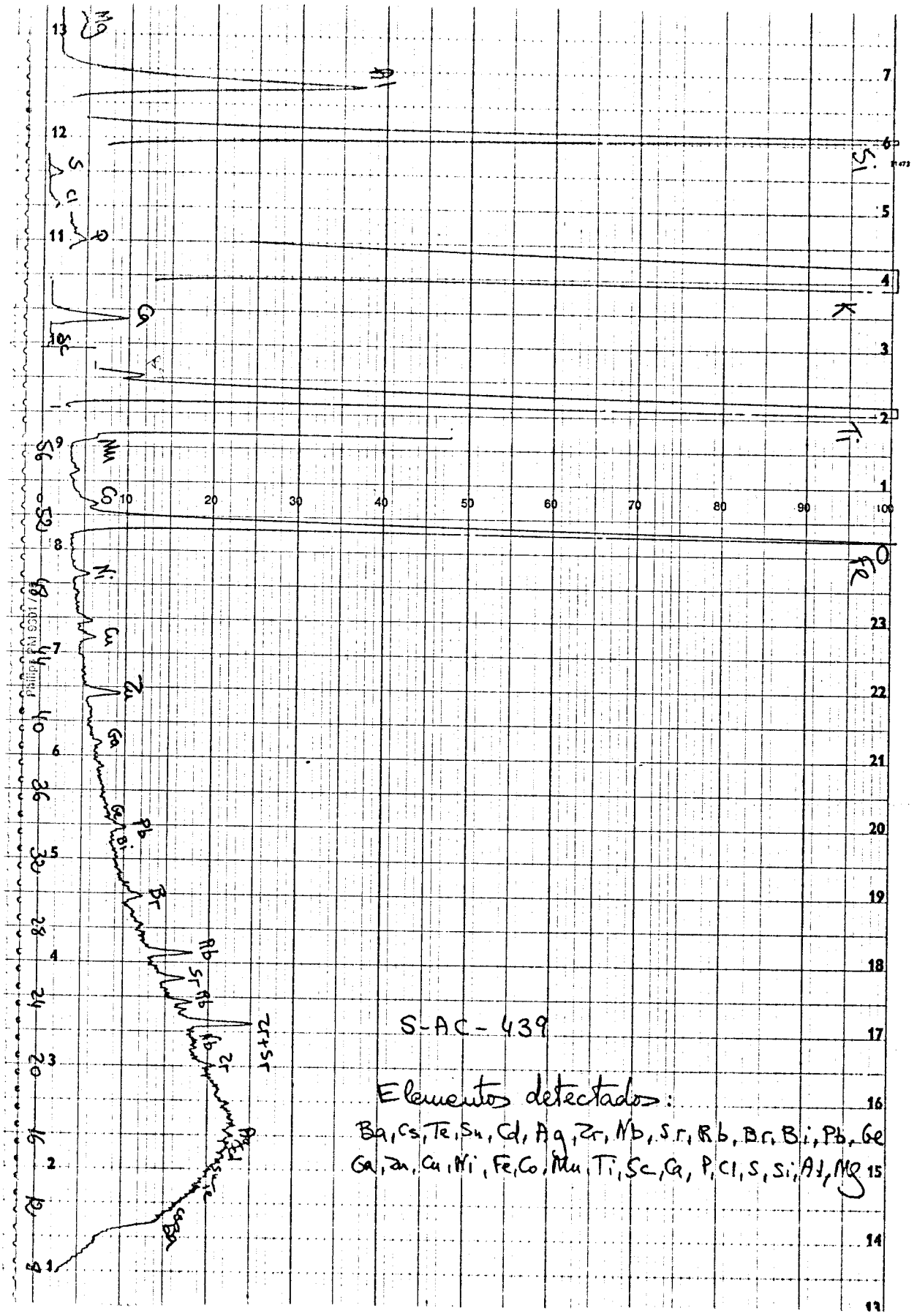
Ba, Cs, Te, Sn, Cd, Rh, Zr, Nb, Sr, Rb, U, Th, Br
Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, Cl, S, Si
Al, P



S-AC-438

Elementos detectados:

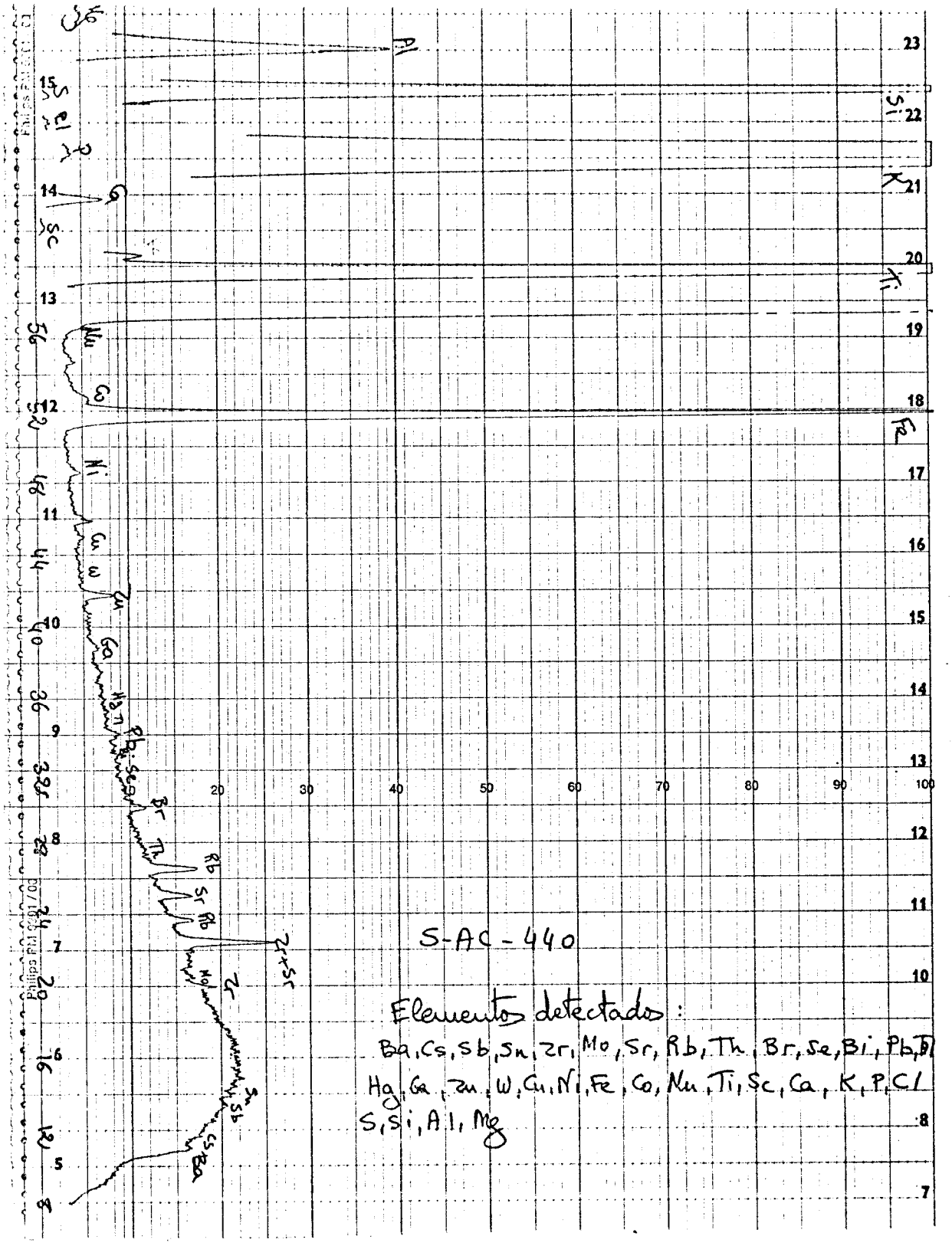
Ba, Te, Sb, Sn, Zr, Sr, Nb, Rb, Th, Br, As, Bi, Pb, Ge
Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Cl, Si, Al, Mg

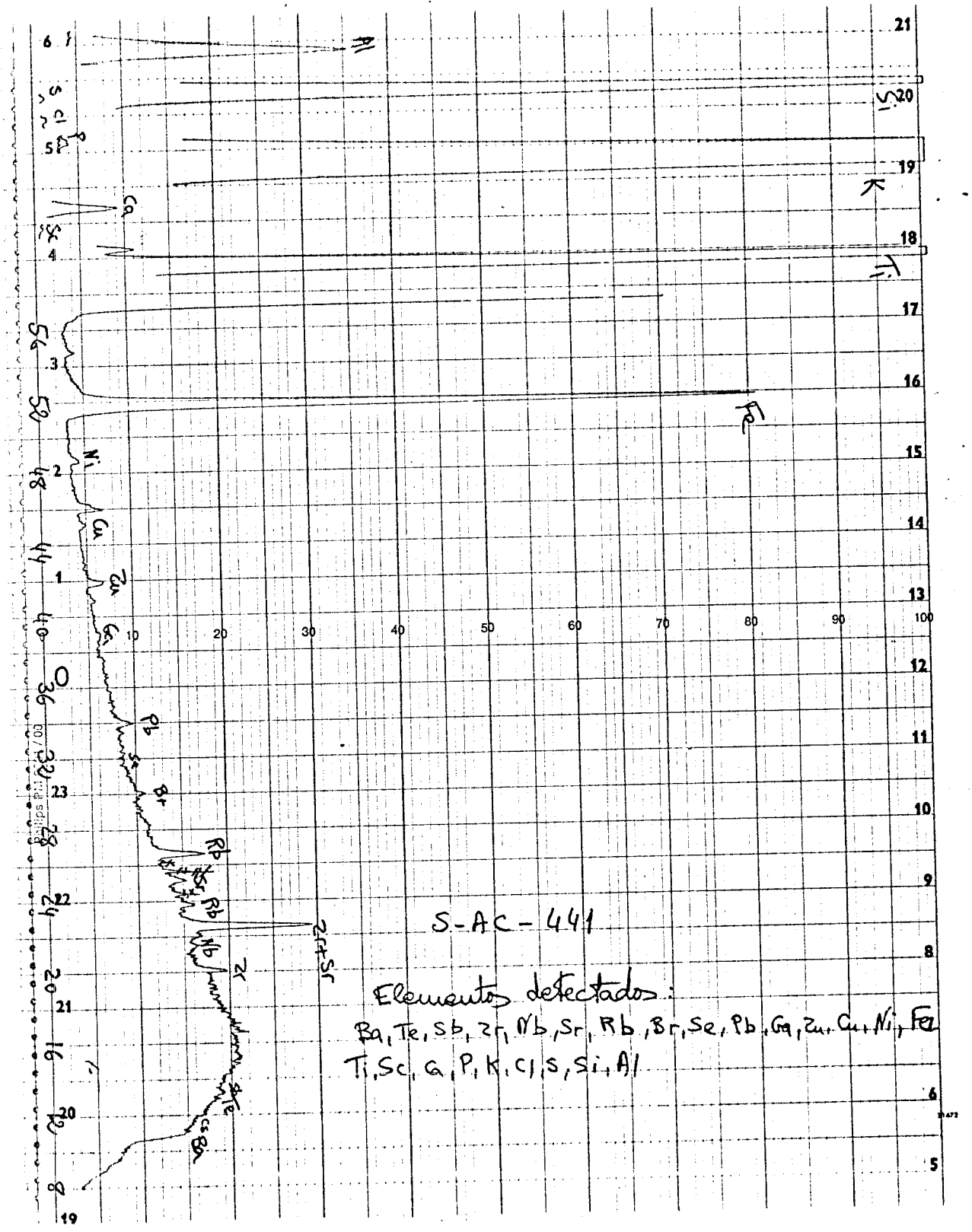


S-AC-439

Elementos detectados:

Ba, Cs, Te, Sn, Cd, Ag, Zr, Nb, Sr, Rb, Br, Bi, Pb, Ge
Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, P, Cl, S, Si, Al, Mg


S-AC-440
Elementos detectados:
Ba, Cs, Sb, Sn, Zr, Mo, Sr, Rb, Th, Br, Se, Bi, Pb, Hg, Ga, Zn, W, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, Cl
S, Si, Al, Mg

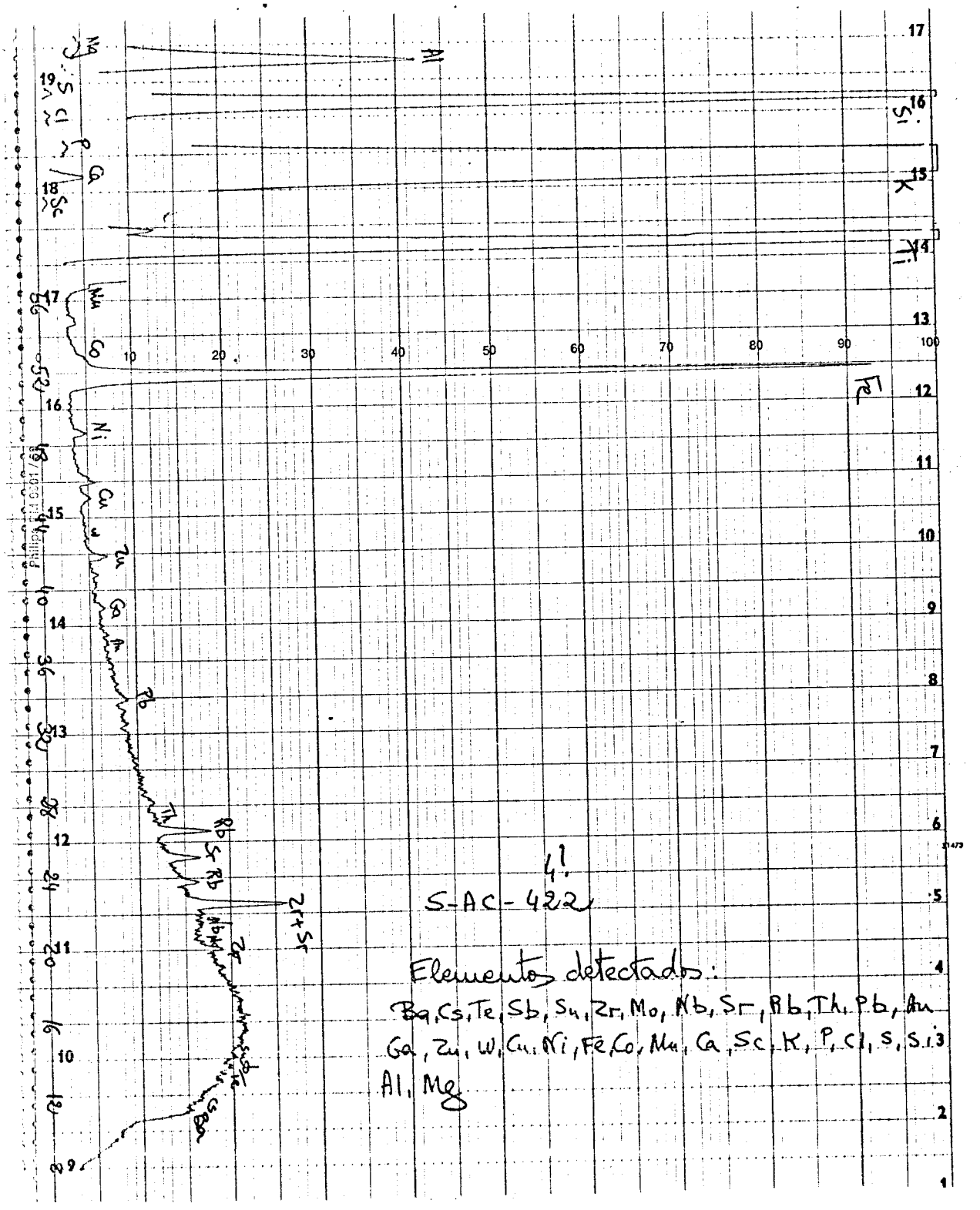


S-AC-441

Elementos detectados:

Ba, Te, Sb, Zr, Nb, Sr, Rb, Br, Se, Pb, Ga, Zn, Cu, Ni, Fe

Ti, Sc, Ca, P, K, Cl, S, Si, Al

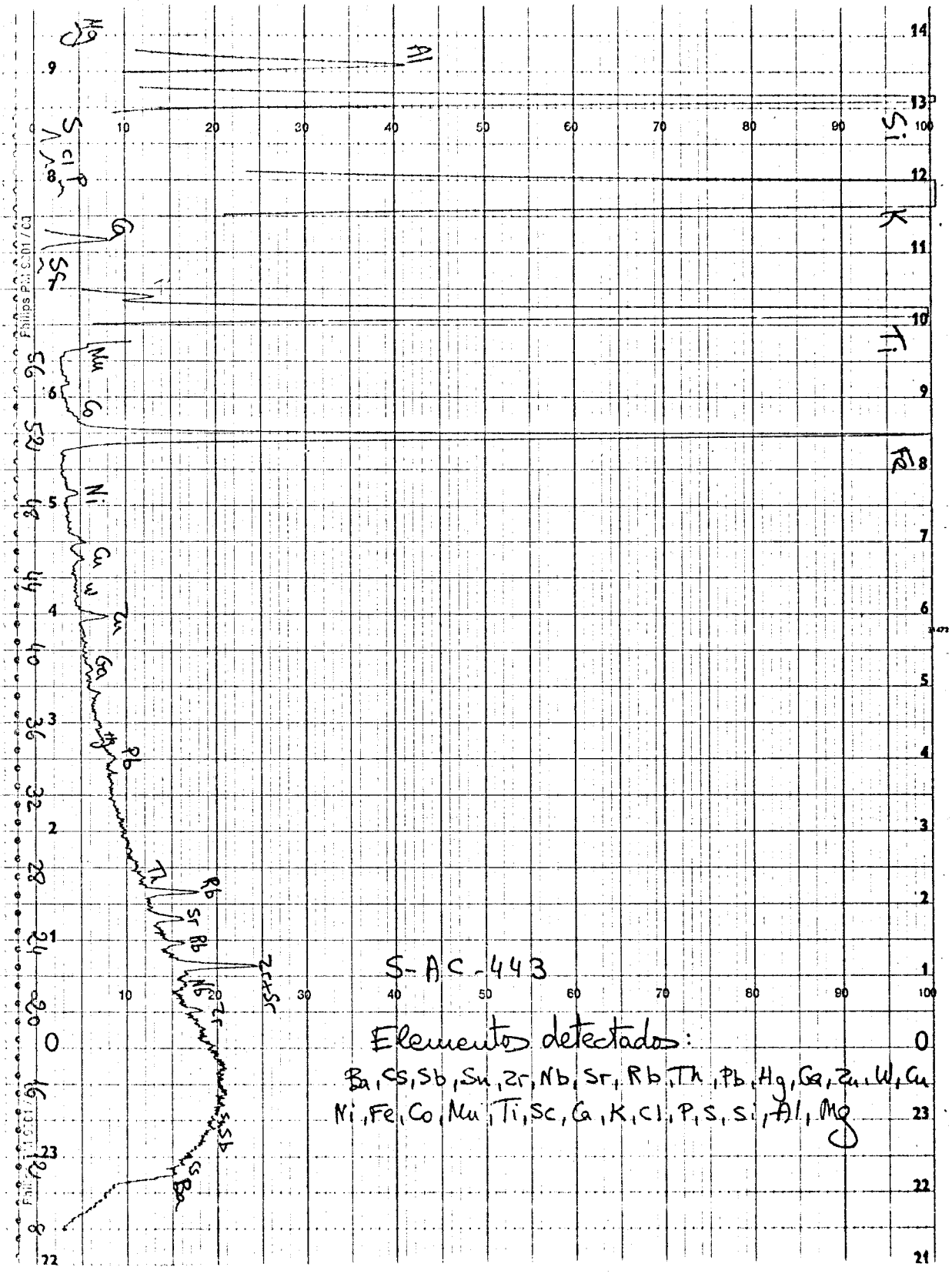


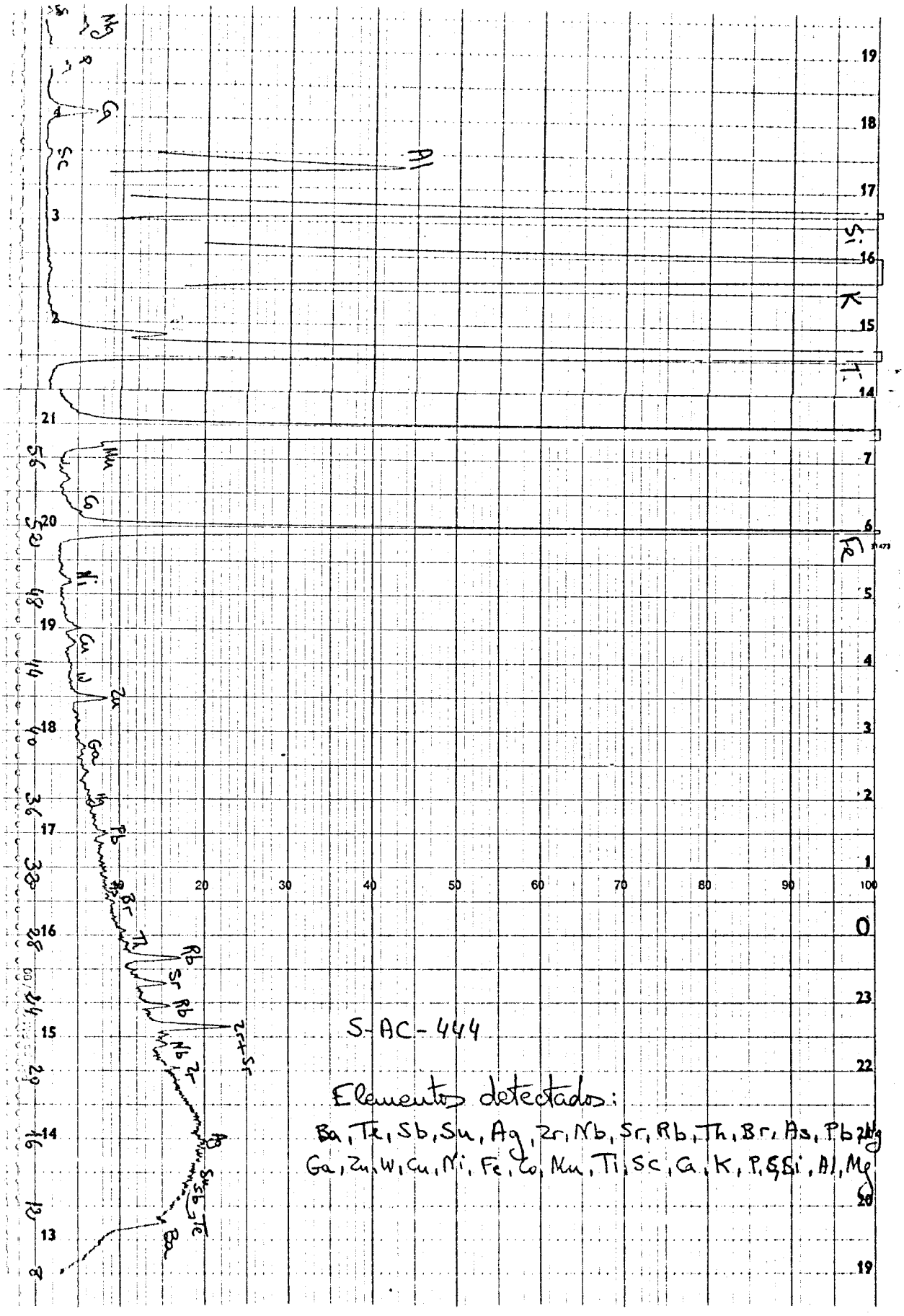
41.

S-AC-422

Elementos detectados:

Ba, Cs, Te, Sb, Sn, Zr, Mo, Nb, Sr, Rb, Th, Pb, Au
Ga, Zn, W, Cu, Ni, Fe, Co, Mn, Ca, Sc, K, P, Cl, S, Si
Al, Mg

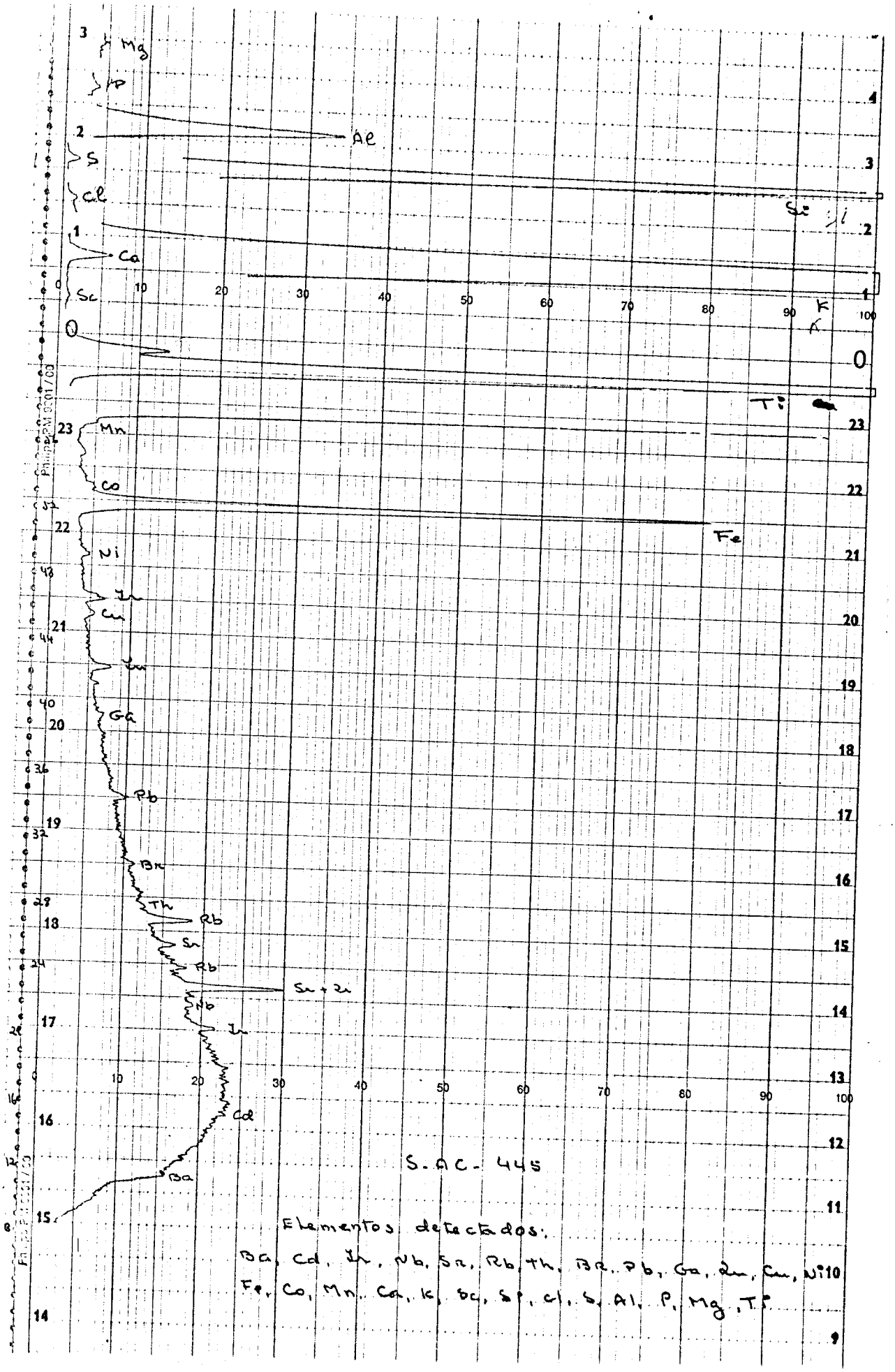

Mg
Al
Si
P
S
Cl
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
Hg
Pb
Th
Rb
Sr
Zr+Sr
Nb
Sn
Sb
Cs
Ba
S-AC-443
Elementos detectados:
Ba, Cs, Sb, Sn, Zr, Nb, Sr, Rb, Th, Pb, Hg, Ga, Zn, W, Cu
Ni, Fe, Co, Mn, Ti, Sc, Ca, K, Cl, P, S, Si, Al, Mg



S-AC-444

Elementos detectados:

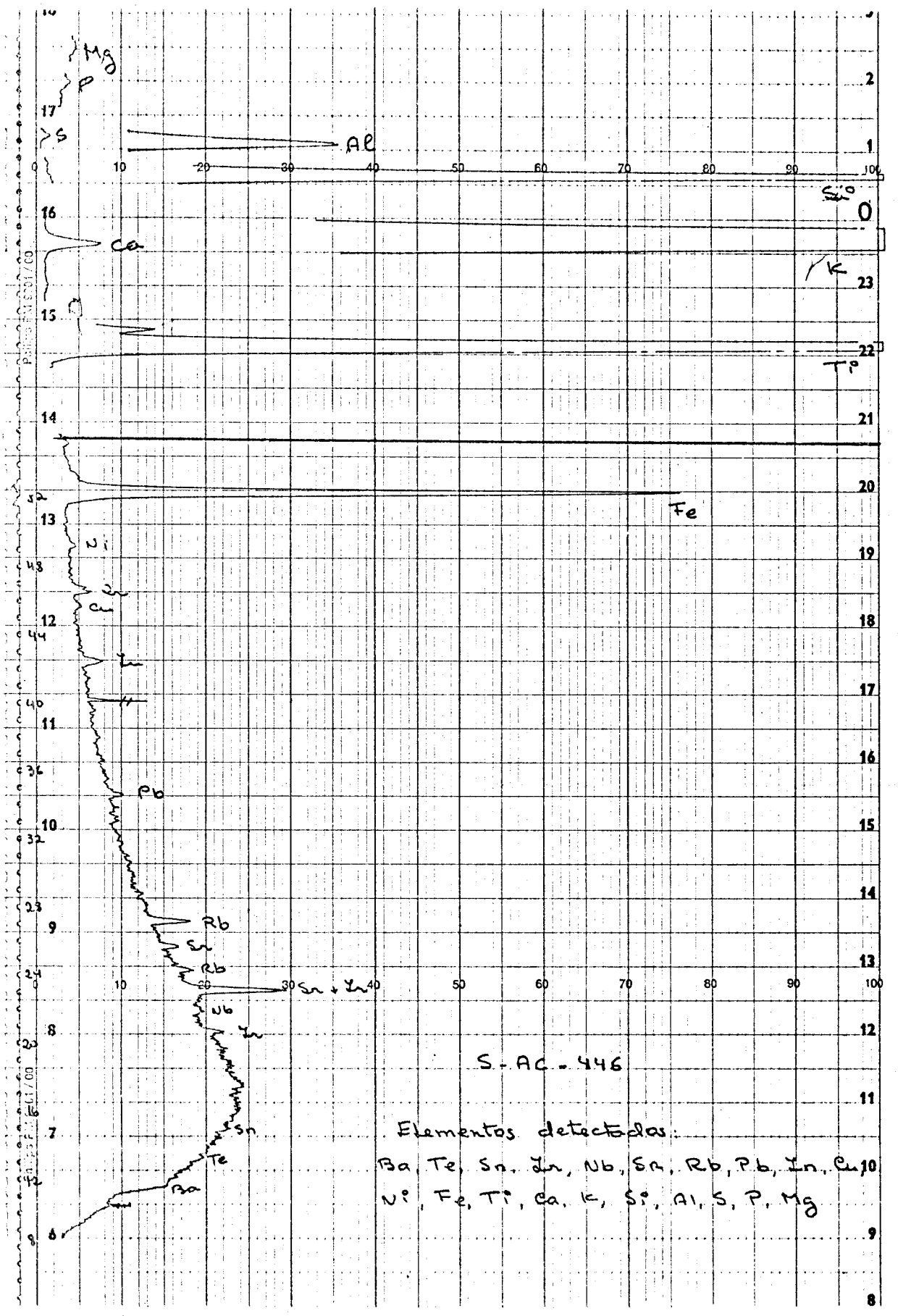
Ba, Te, Sb, Sn, Ag, Zr, Nb, Sr, Rb, Th, Br, As, Pb, Hg
Ga, Zn, W, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg



S.AC. 445

Elementos detectados:

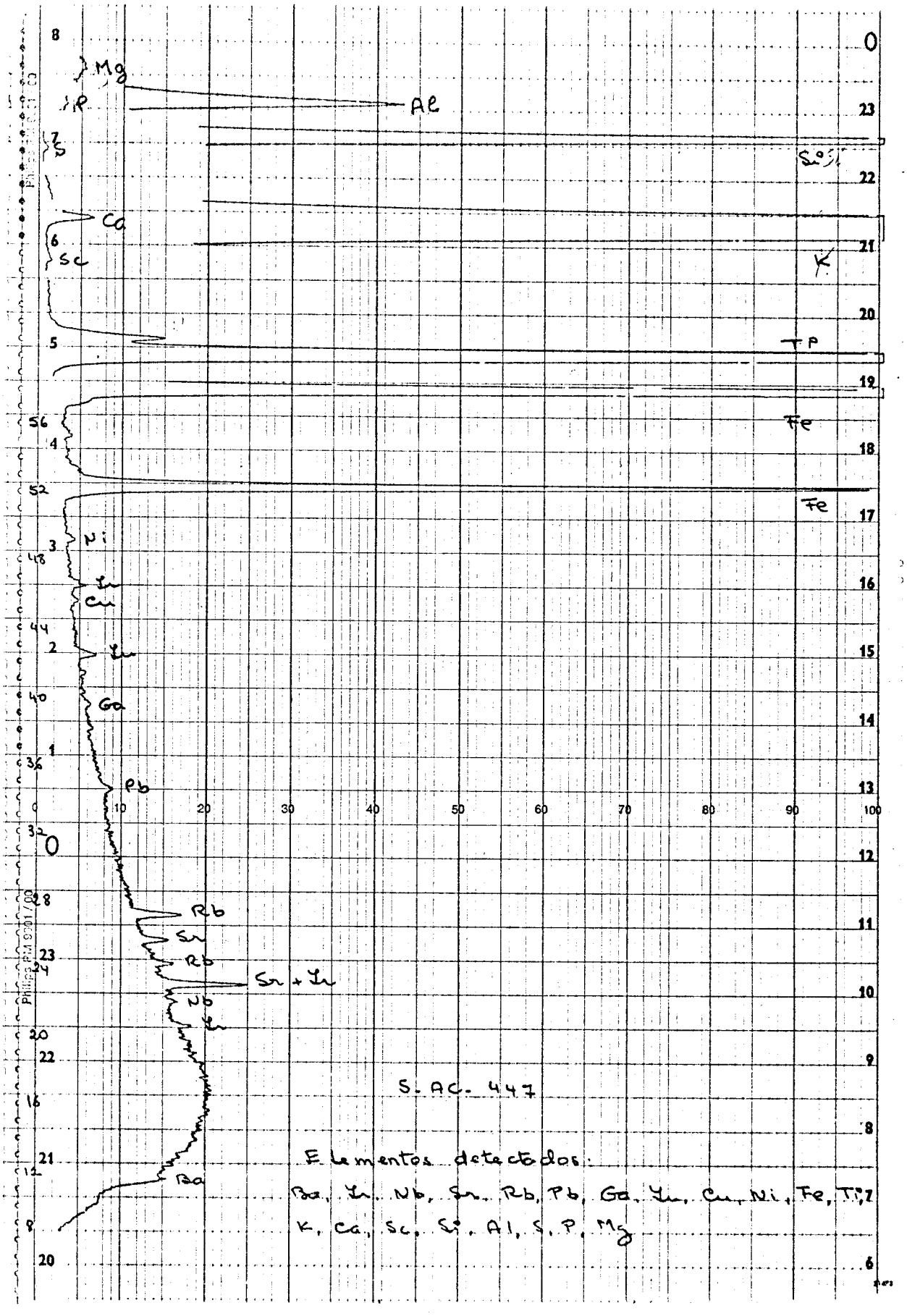
Ba, Cd, Zr, Nb, Sr, Rb, Th, Br, Pb, Ga, Zn, Cu, Ni, Co, Fe, Mn, Ca, K, Sc, Ti, Cl, S, Al, P, Mg, Si

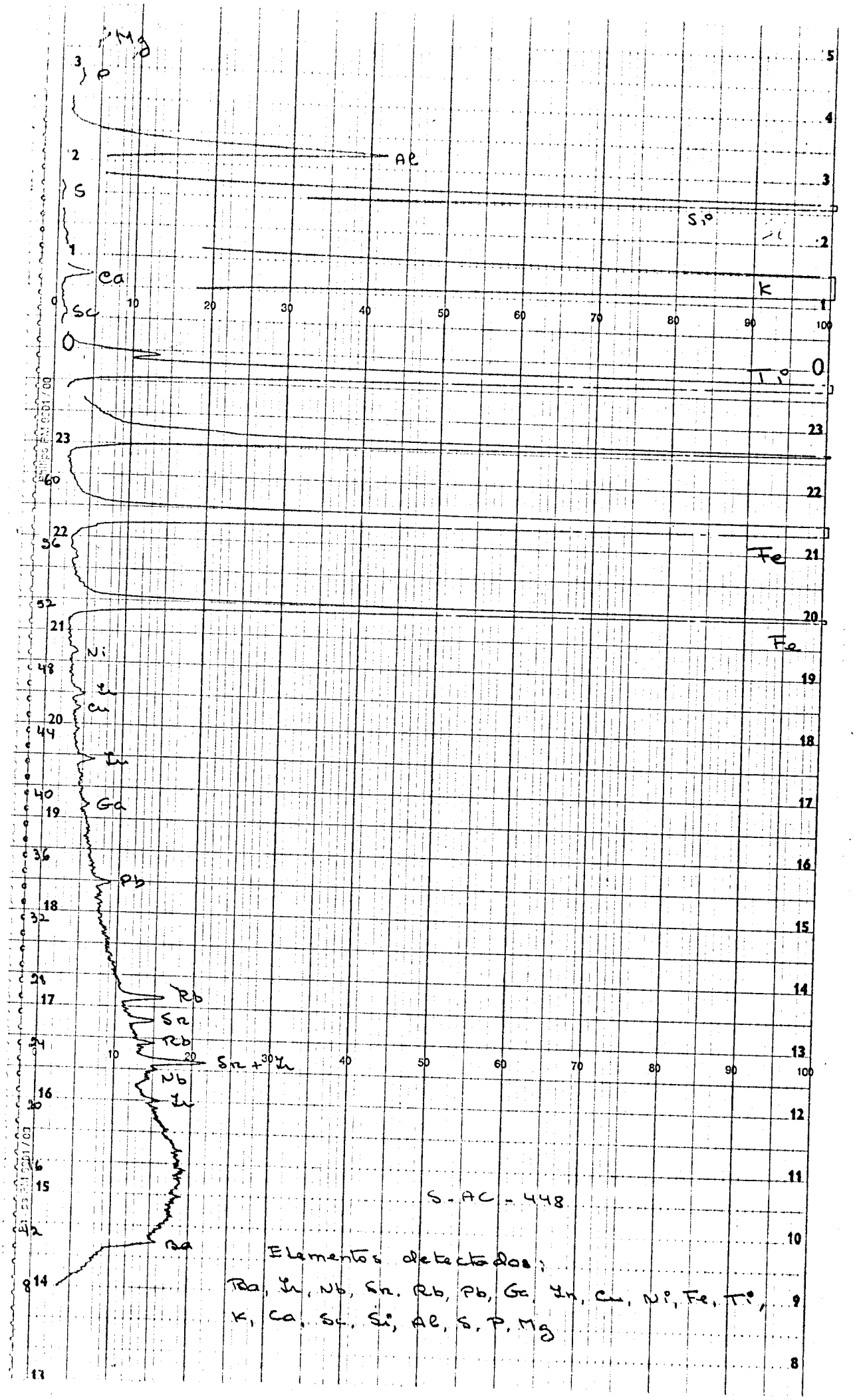


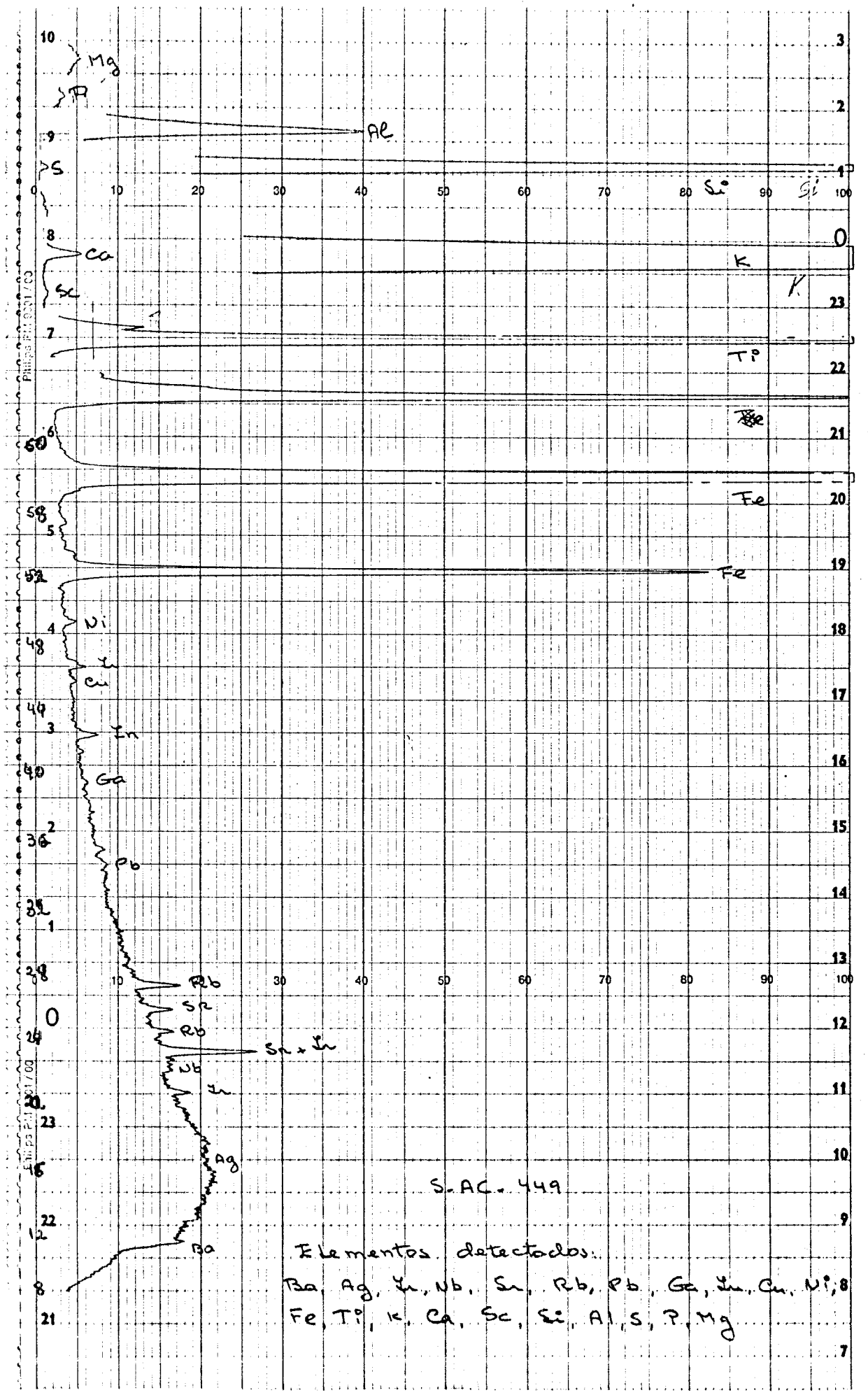
S-AC-446

Elementos detectados:

Ba, Te, Sn, Zr, Nb, Sr, Rb, Pb, In, Cu, Ni, Fe, Ti, Ca, K, Si, Al, S, P, Mg


Mg
P
Al
S
Si
Ca
Sc
K
Ti
Fe
Fe
V
Cr
Mn
Co
Ga
Pb
Rb
Sr
Rb
Sr + Y
Zr
Ba
S. AC. 447
Elementos detectados:
Ba, Y, Nb, Sr, Rb, Pb, Ga, Y, Cu, Ni, Fe, Ti,
K, Ca, Sc, Si, Al, S, P, Mg

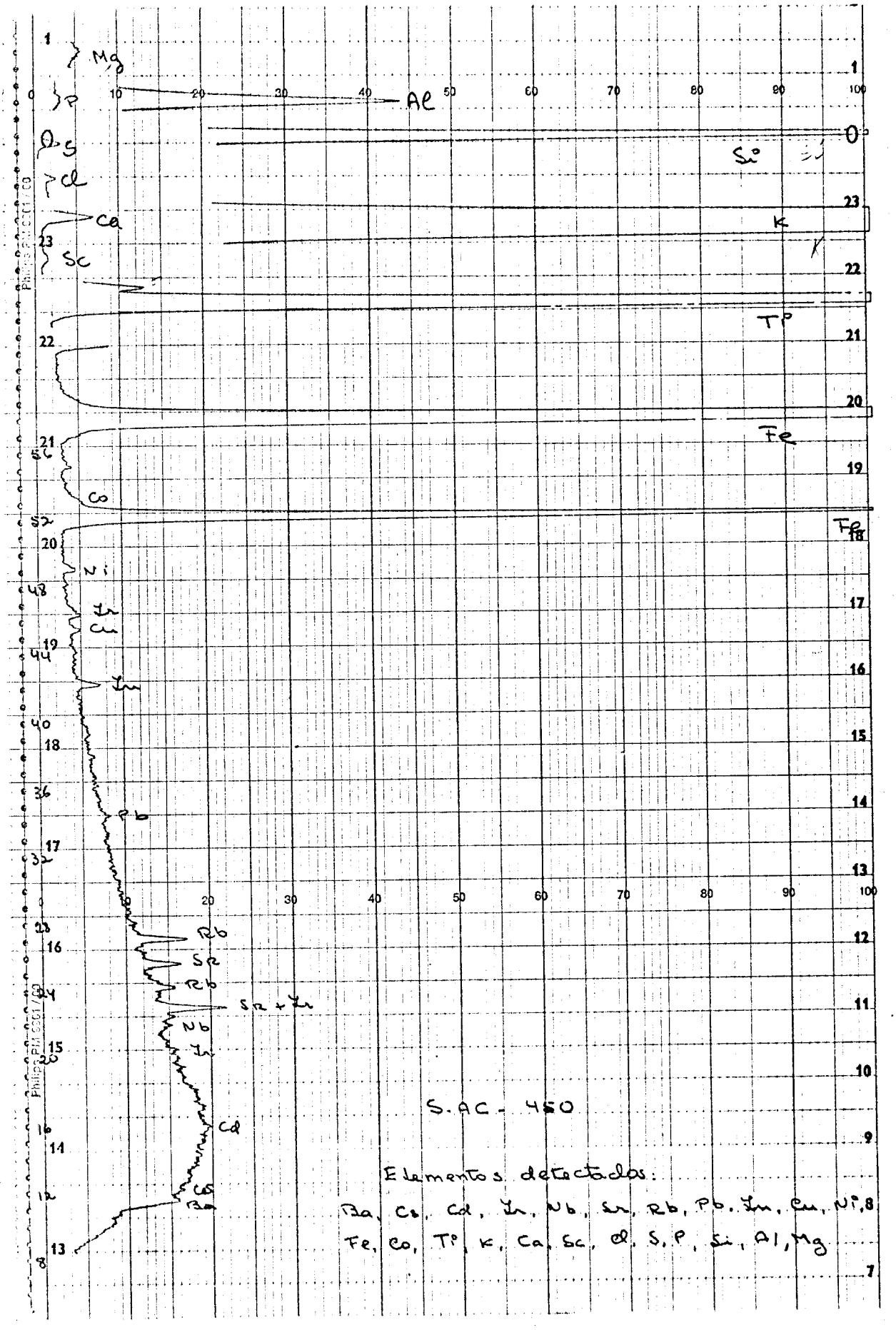

Mg
P
Al
S
Si
Cl
Ca
K
Sc
Ti
V
Cr
Mn
Fe
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Rb
Sr
Rb
Sr + Y
Zr
Nb
Mo
Ba
S-AC-448
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Ti, V, Cr, Mn, K, Ca, Sc, Si, Al, S, P, Mg

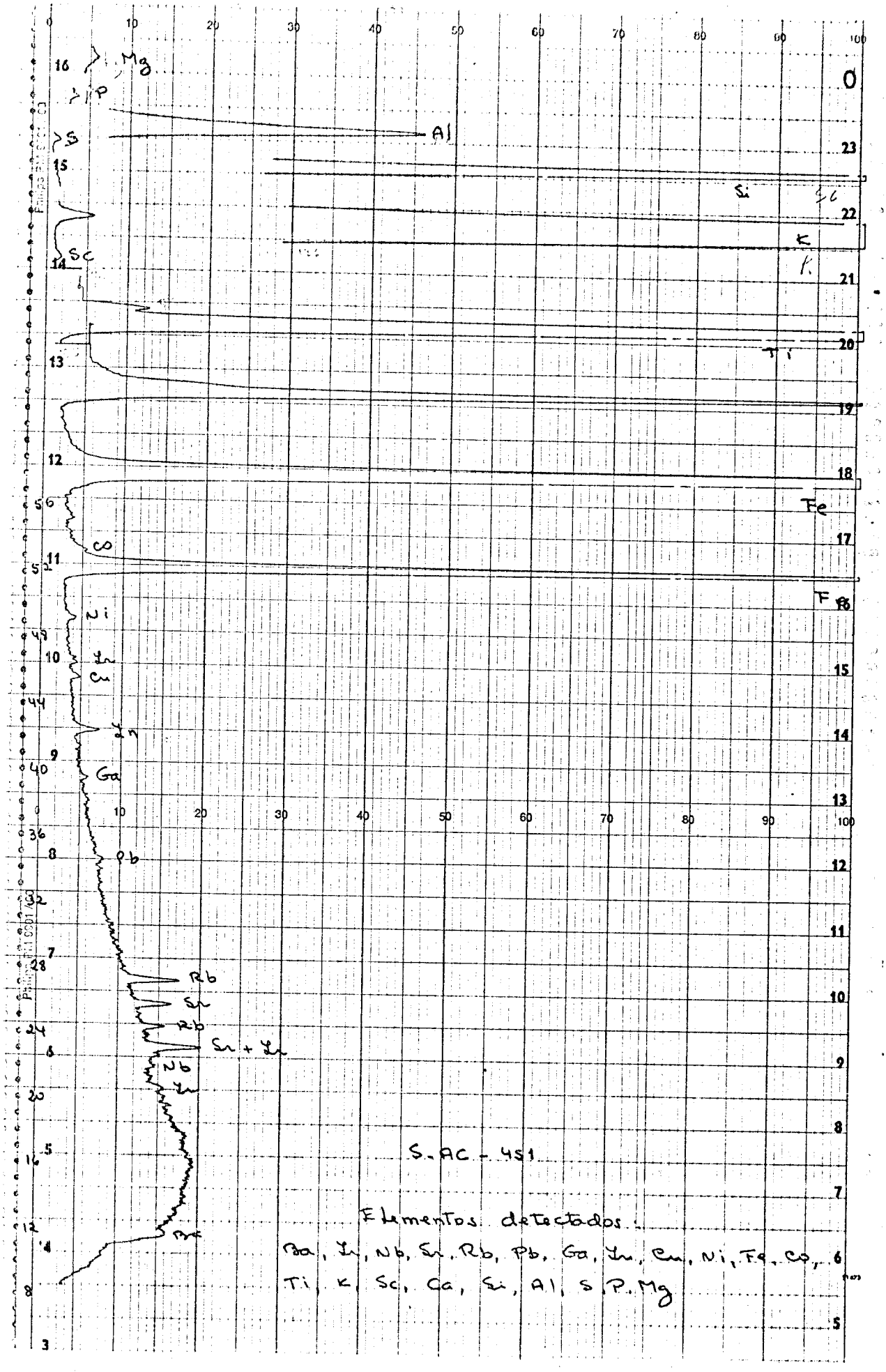


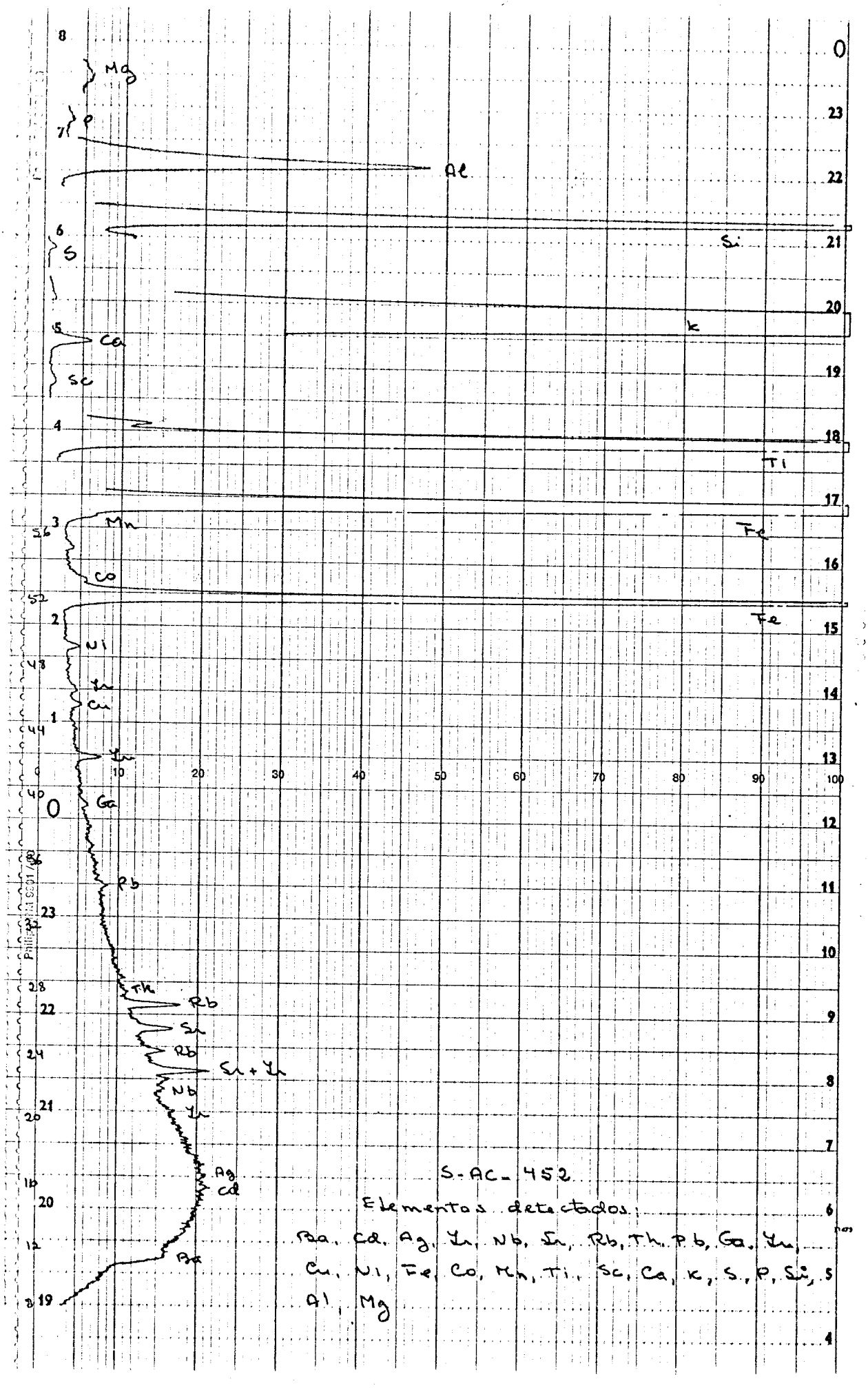
S-AC-449

Elementos detectados:

Ba, Ag, Zr, Nb, Sn, Rb, Pb, Ga, Zn, Cu, Ni,
Fe, Ti, K, Ca, Sc, Si, Al, S, P, Mg


Mg
P
Al
Cl
Ca
Sc
Si
K
Ti
Fe
Co
Ni
Cu
Pb
Rb
Sr
Sr + Ir
Nb
Cd
Cs
Ba
S.AC - 450
Elementos detectados:
Ba, Cs, Cd, Ir, Nb, Sr, Rb, Pb, Ir, Cu, Ni,
Fe, Co, Ti, K, Ca, Sc, Cl, S, P, Si, Al, Mg

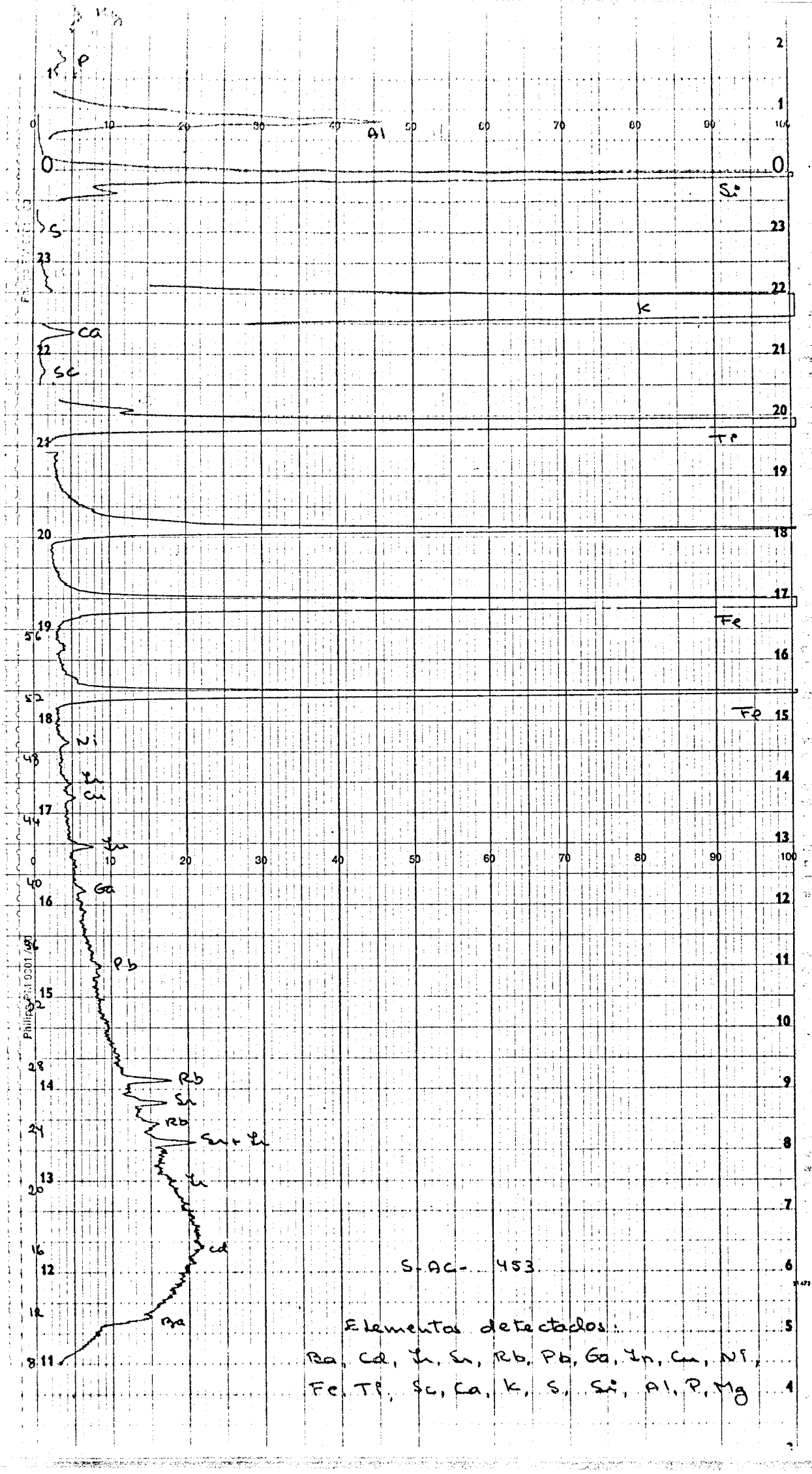

Mg
P
S
Al
Si
K
Sc
Ti
Fe
Co
Ni
Cu
Ga
Pb
Rb
Sr
Sr + Zr
Nb
Zr
Ba
S-AC-451
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co,
Ti, K, Sc, Ca, Si, Al, S, P, Mg

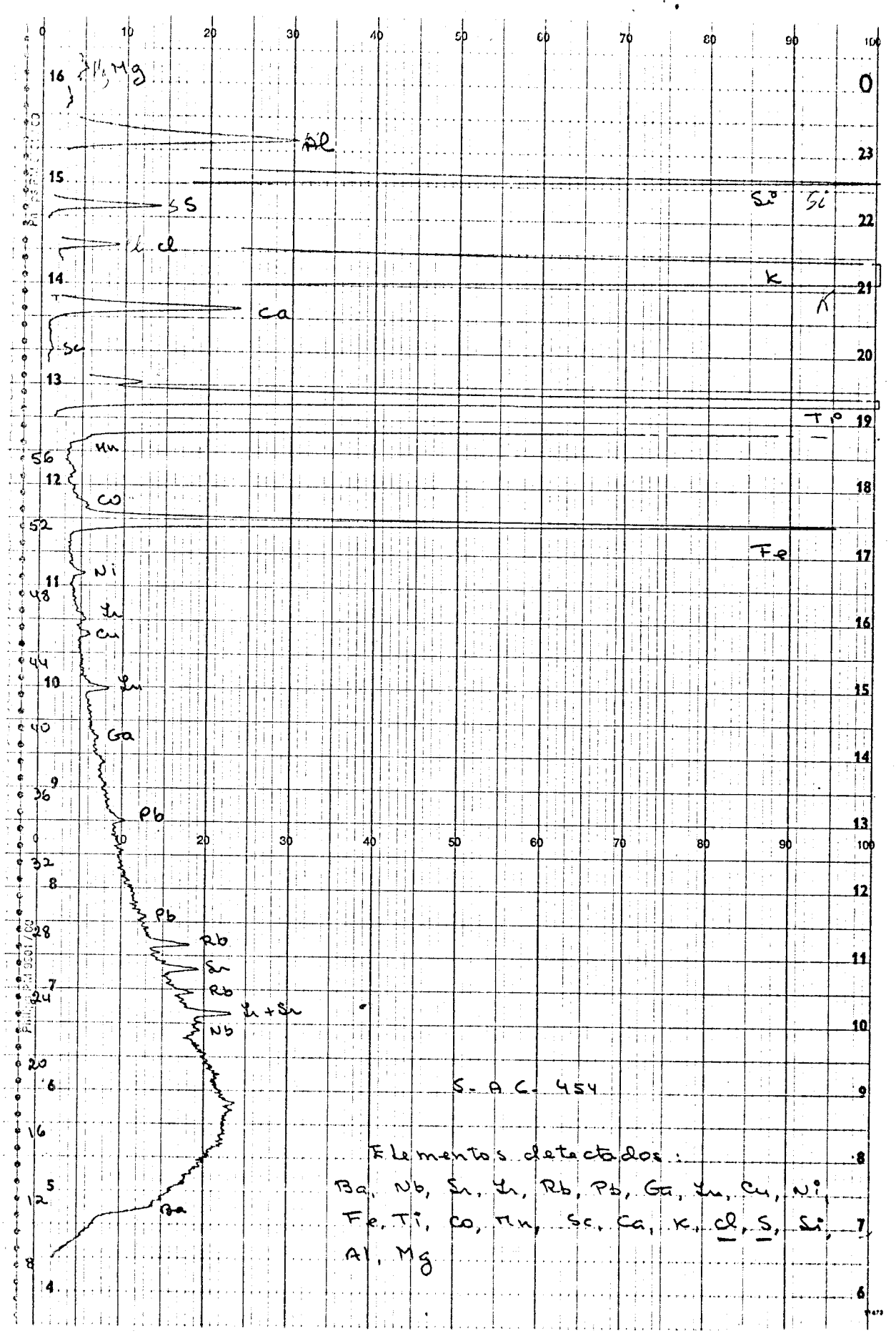


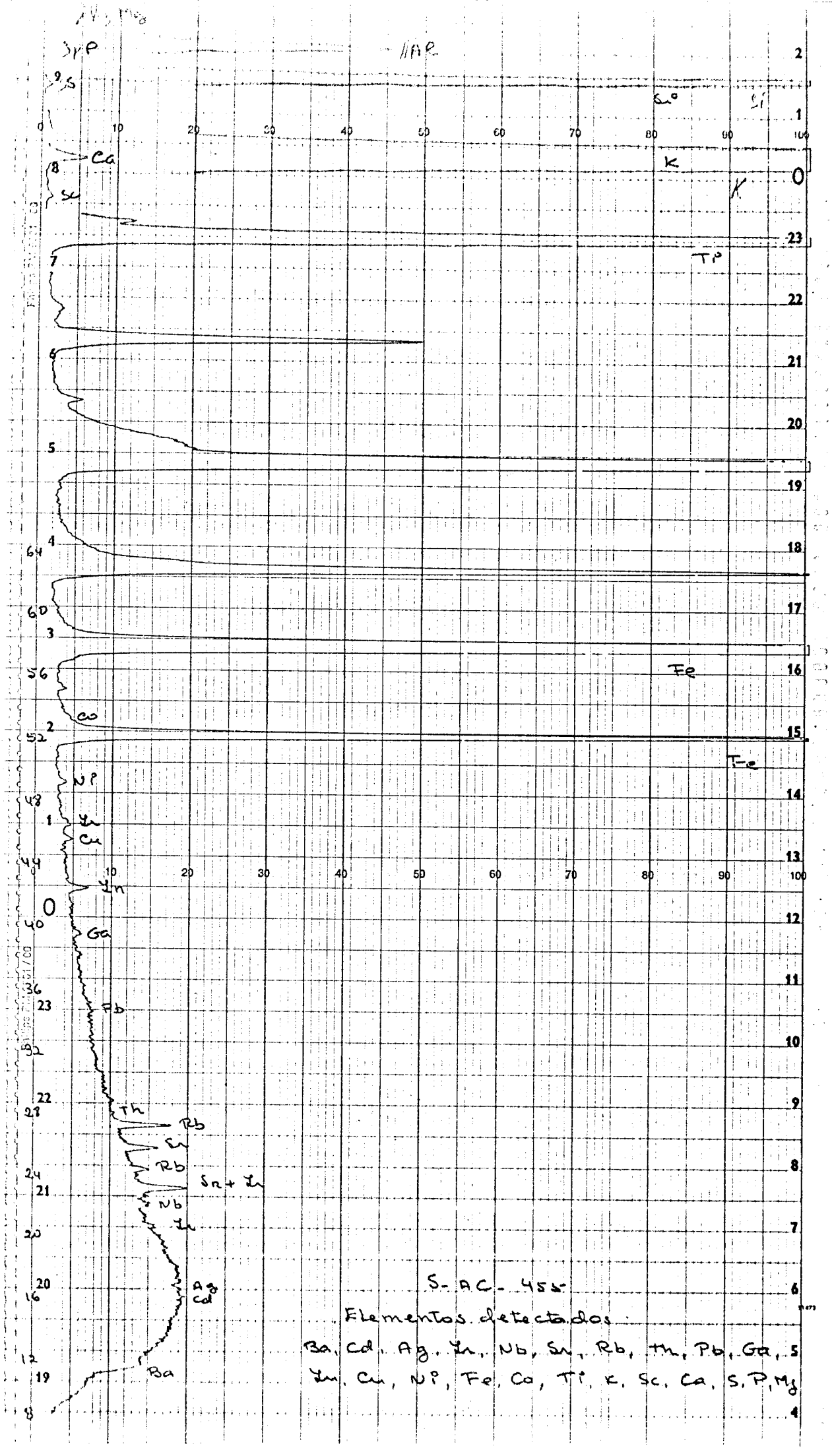
S-AC-452

Elementos detectados:

Ba, Cd, Ag, Y, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, S, P, Si, Al, Mg


P
Al
Si
S
K
Ca
Sc
Ti
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Cu + Zn
Y
Cd
Ba
S-AC- 453
Elementos detectados:
Ba, Cd, Y, Sr, Rb, Pb, Ga, Zn, Cu, Ni,
Fe, Ti, Sc, Ca, K, S, Si, Al, P, Mg

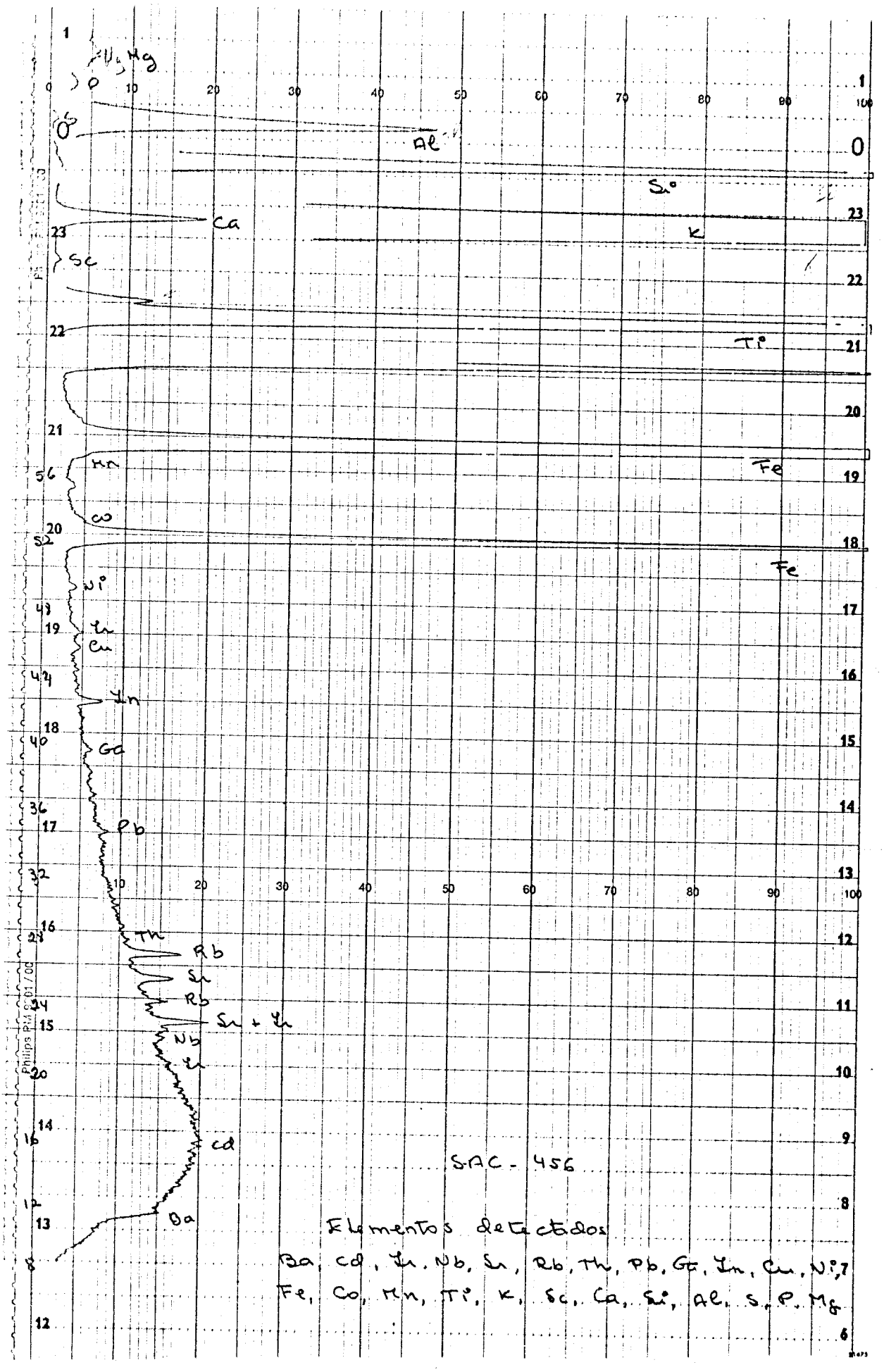

Al, Mg
Al
S
Cl
Ca
Sc
Ti
Mn
Co
Ni
Cu
Zn
Ga
Pb
Pb
Rb
Sr
Rb
Sr + Zr
Nb
Ba
Si°
Si
K
T.°
Fe
S-A C- 454
Elementos detectados:
Ba, Nb, Sr, Y, Rb, Pb, Ga, Zn, Cu, Ni,
Fe, Ti, Co, Mn, Sc, Ca, K, Cl, S, Si,
Al, Mg

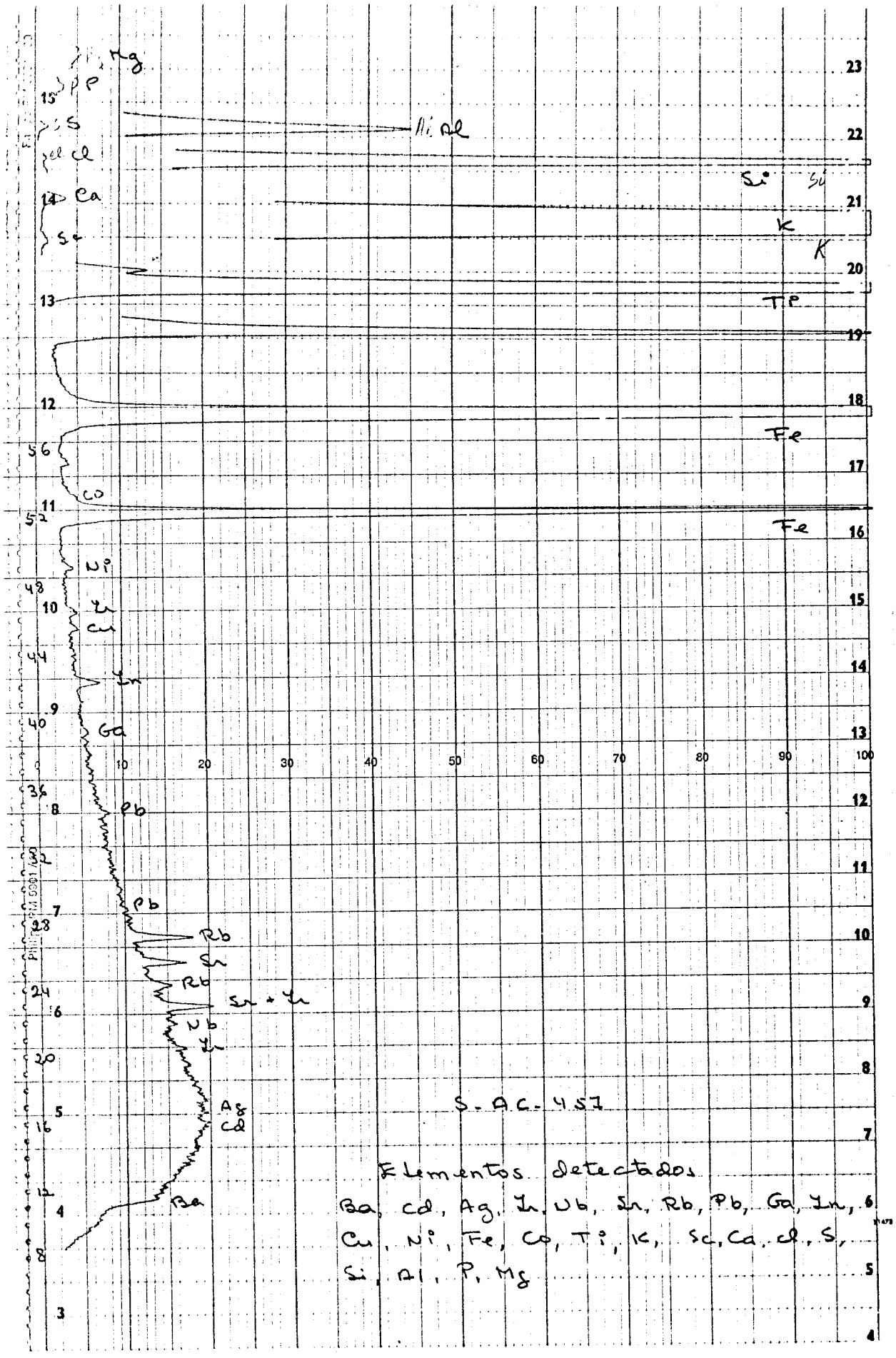


S-AC-45

Elementos detectados:

Ba, Cd, Ag, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe, Co, Ti, K, Sc, Ca, S, P, Mg

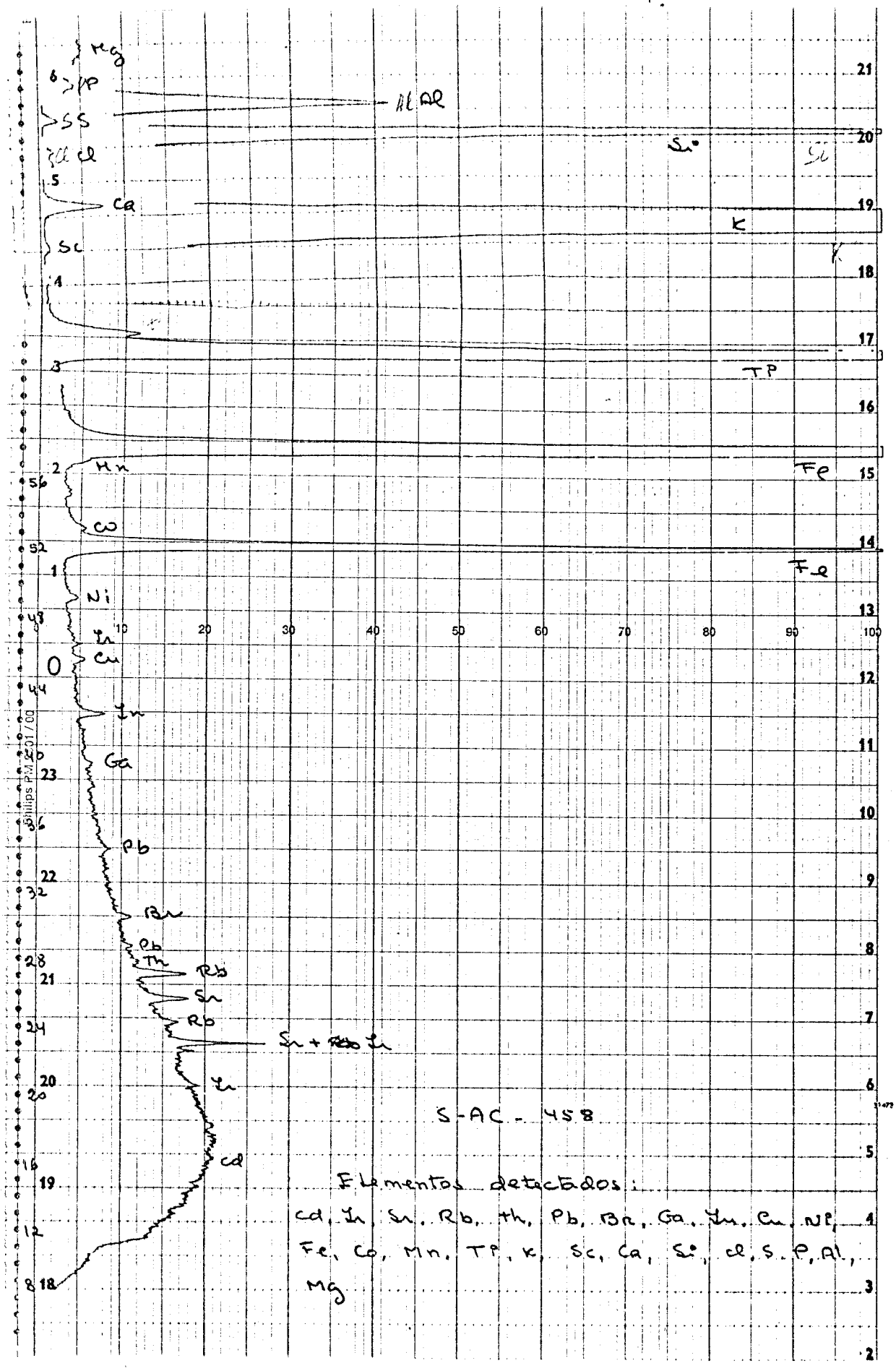

Mg
Al
Si°
Ca
K
Sc
Ti°
Mn
Fe
Co
Fe
Ni°
Cu
Zn
Ga
Pb
Th
Rb
Sr
Rb
Sr + Y
Nb
Y
Cd
Ba
SAC - 456
Elementos detectados:
Ba, Cd, Y, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni°,
Fe, Co, Mn, Ti°, K, Sc, Ca, Si°, Al, S, P, Mg

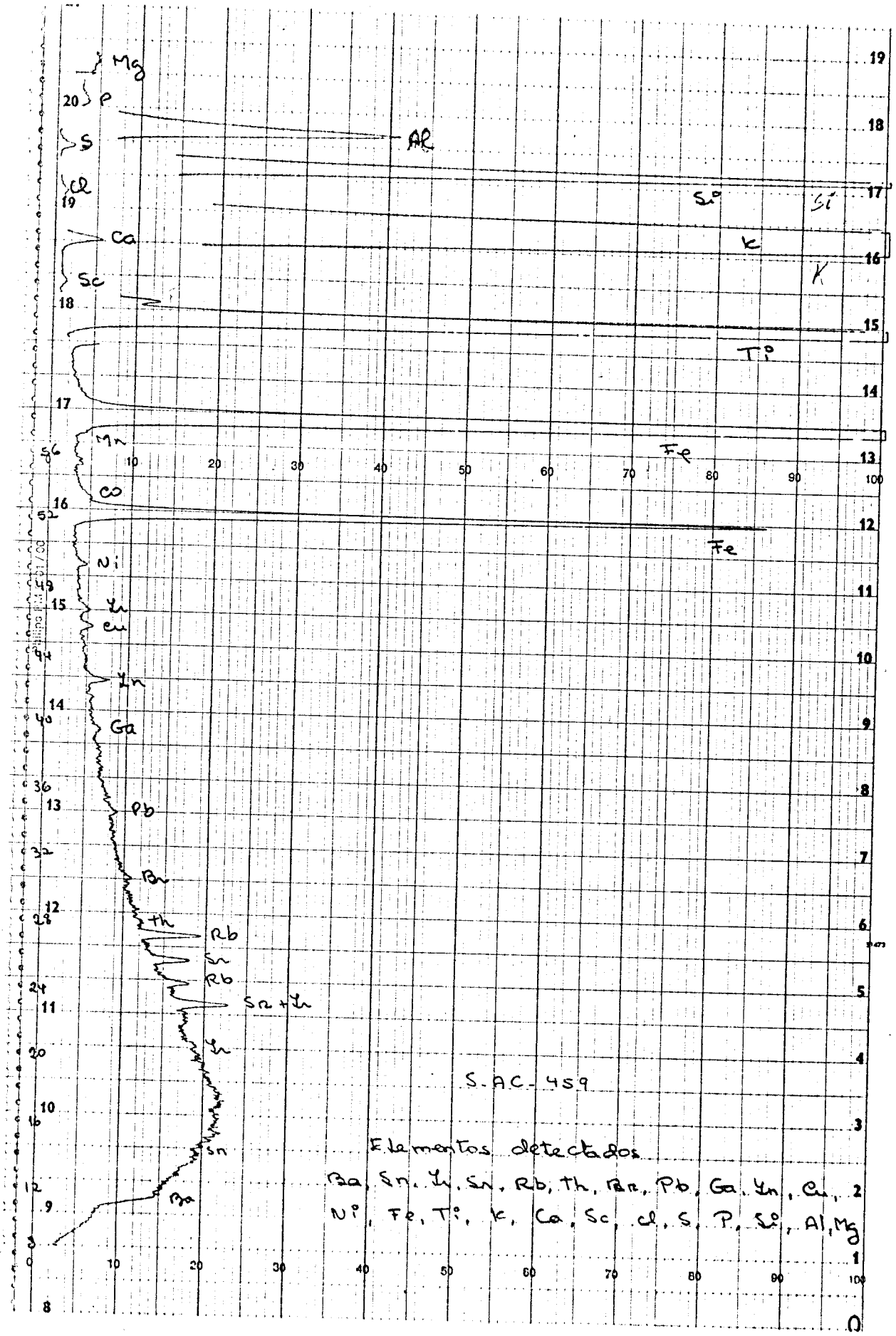


S-9C-457

Elementos detectados

Ba, Cd, Ag, Th, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Ti, K, Sc, Ca, Cl, S, Si, Al, P, Mg

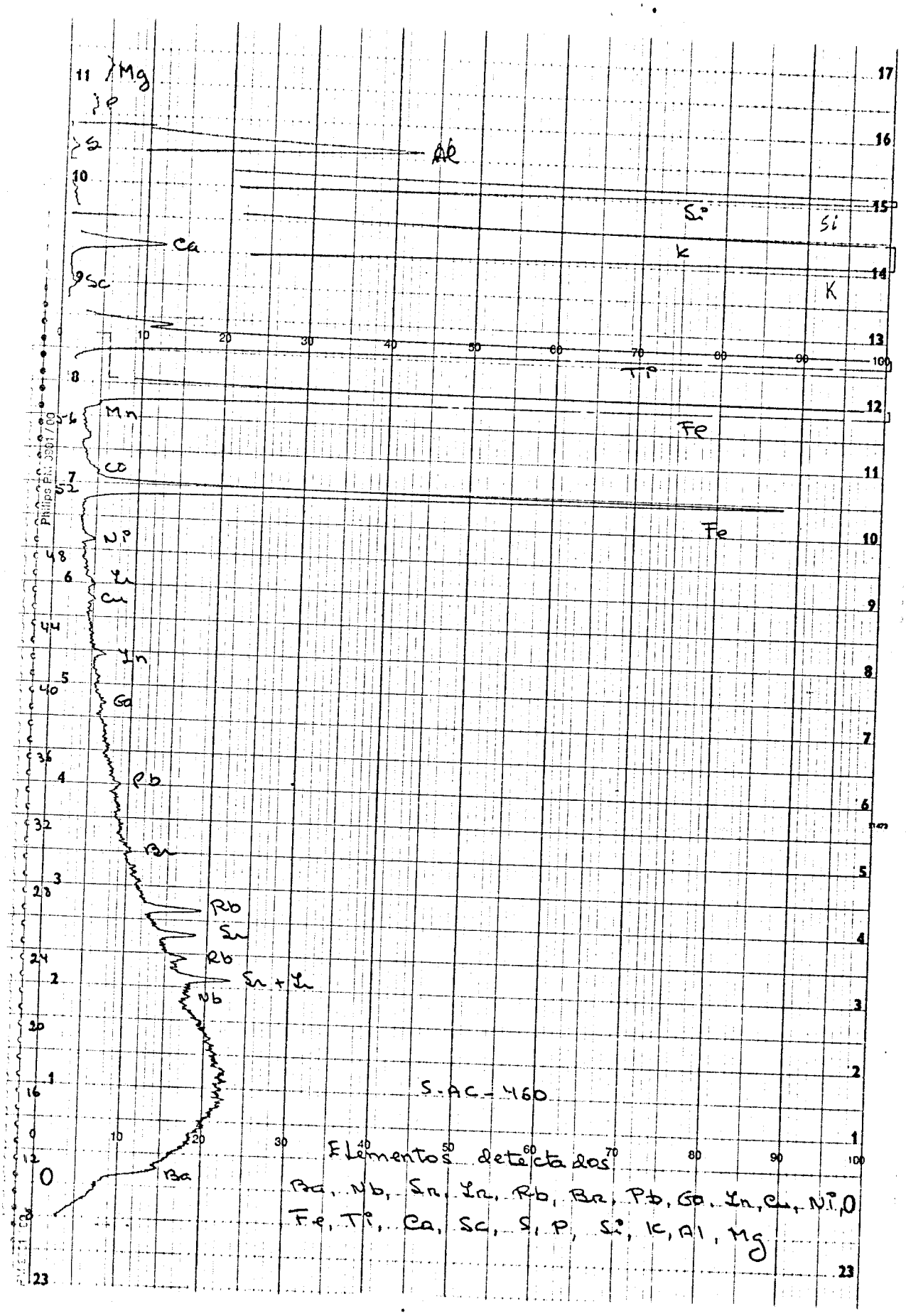

Mg
Al
Si
Cl
Ca
Sc
K
TP
Mn
Fe
Co
Ni
Cu
Zn
Ga
Pb
Br
Th
Rb
Sr
Y
Cd
10
20
30
40
50
60
70
80
90
100
S-AC - 458
Elementos detectados:
Cd, Y, Sr, Rb, Th, Pb, Br, Ga, Zn, Cu, Ni, Fe, Co, Mn, TP, K, Sc, Ca, Si, Cl, S, P, Al, Mg

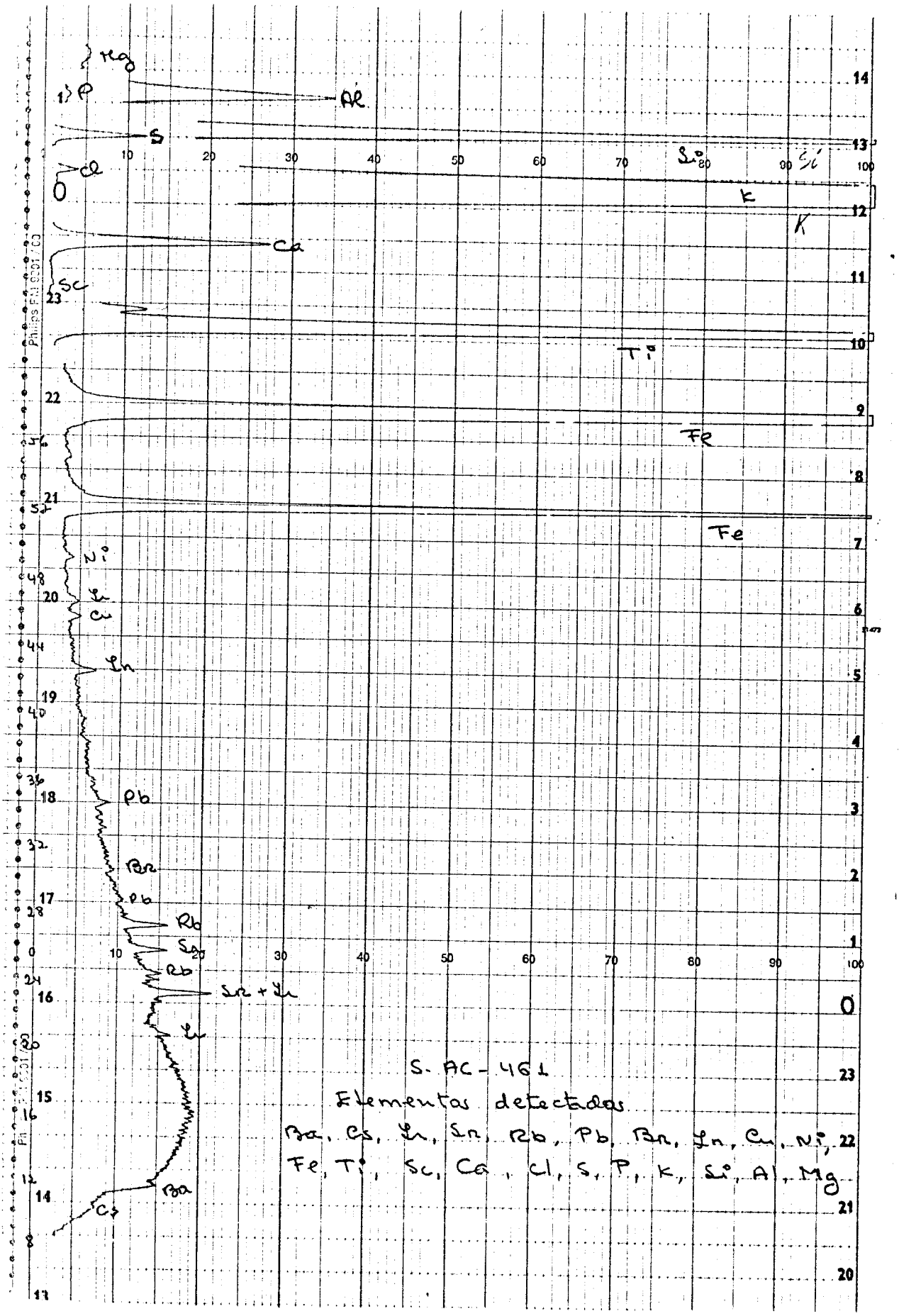


S-AC-459

Elementos detectados

Ba, Sn, Y, Sr, Rb, Th, Br, Pb, Ga, Zn, Cu, Ni°, Fe, Ti°, K, Ca, Sc, Cl, S, P, Si°, Al, Mg

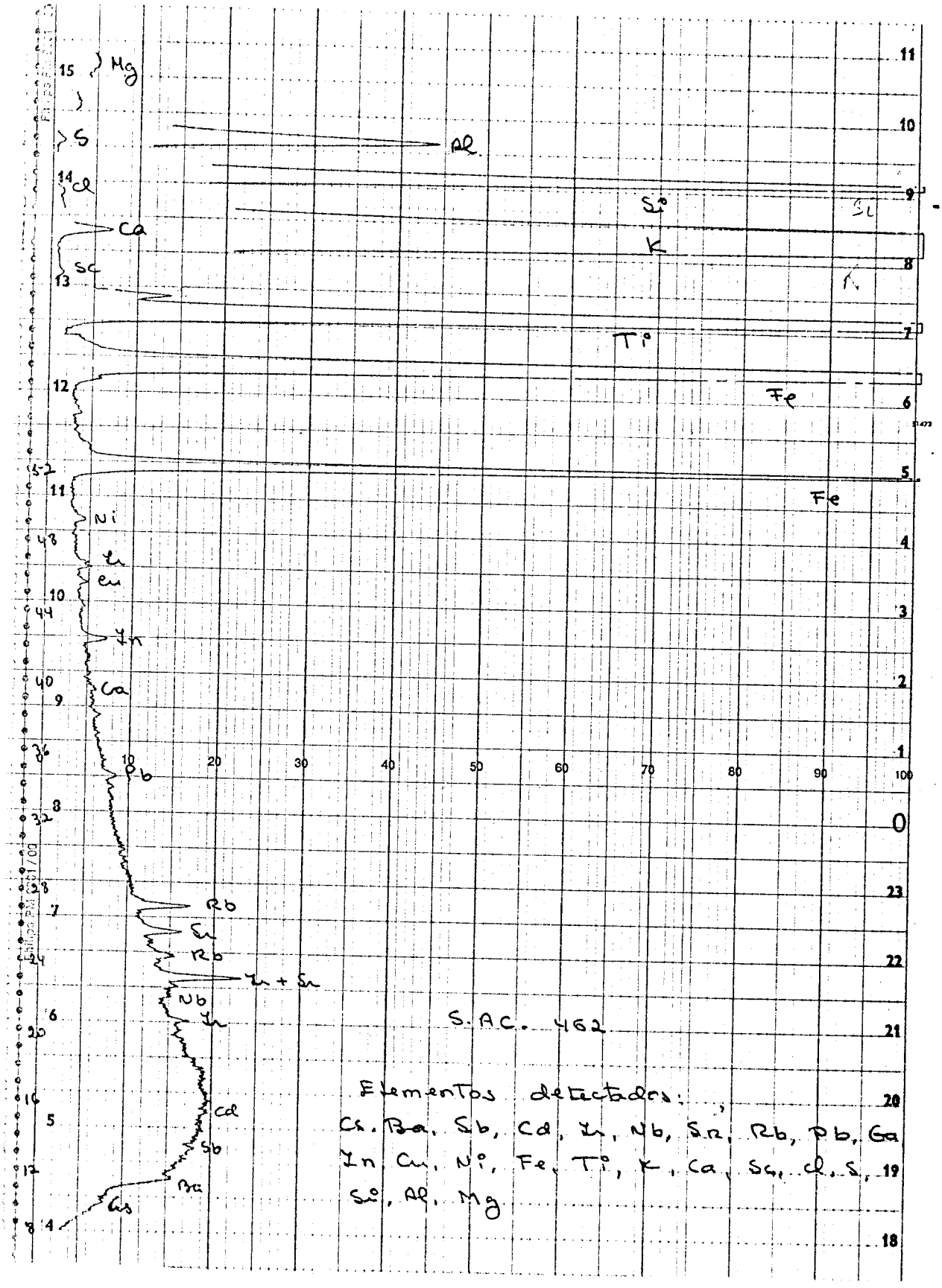

Mg
Al
Si
Ca
Sc
Ti
K
Mn
Fe
Co
Fe
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Rb
Sr + Y
Nb
Ba
S-AC-460
Elementos detectados
Ba, Nb, Sr, Y, Rb, Br, Pb, Ga, Zn, Cu, Ni, Co
Fe, Ti, Ca, Sc, S, P, Si, K, Al, Mg



S. AC - 461

Elementos detectados

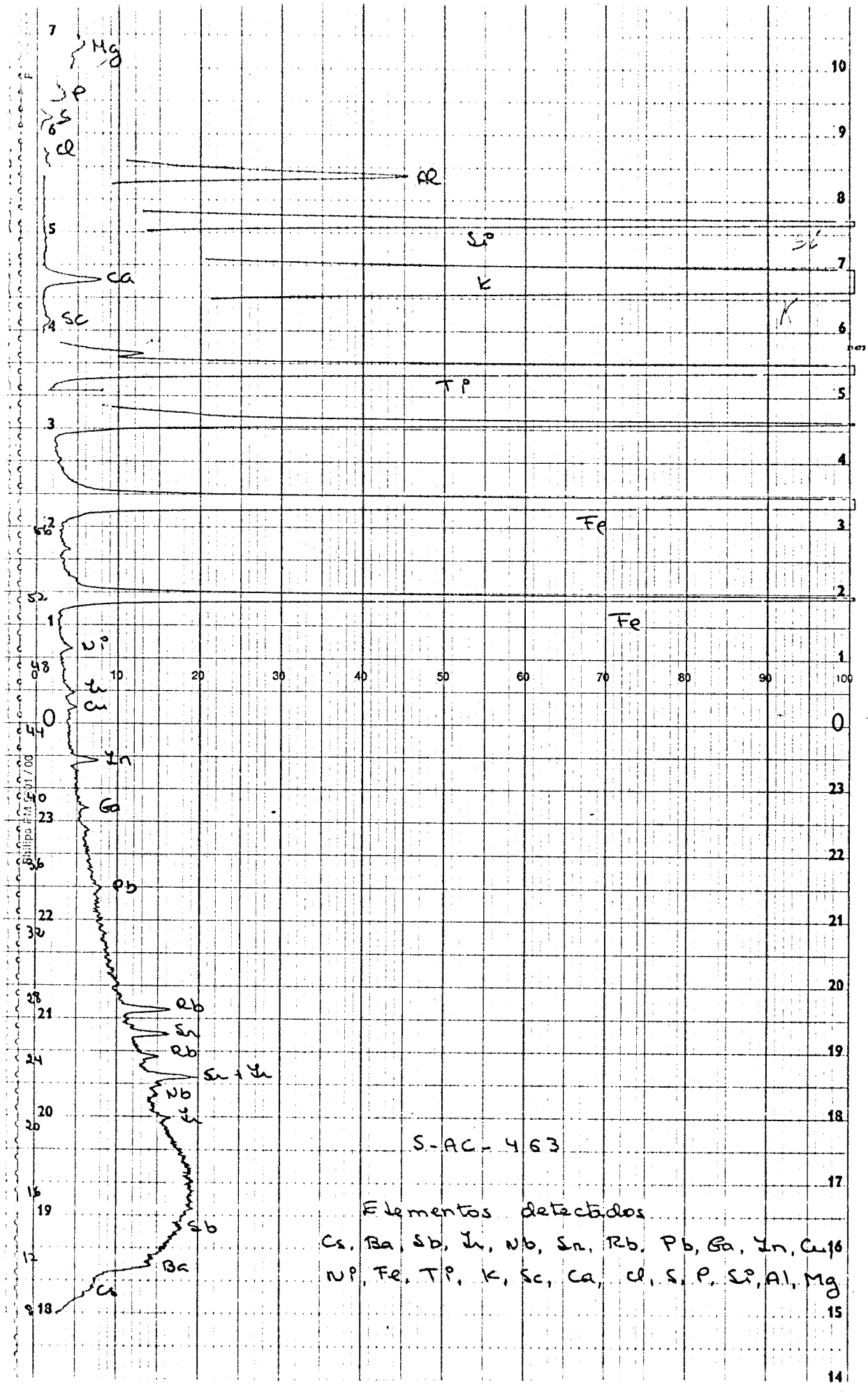
Ba, Cs, Y, Sr, Rb, Pb, Br, Zn, Cu, Ni, Fe, Ti, Sc, Ca, Cl, S, P, K, Si, Al, Mg

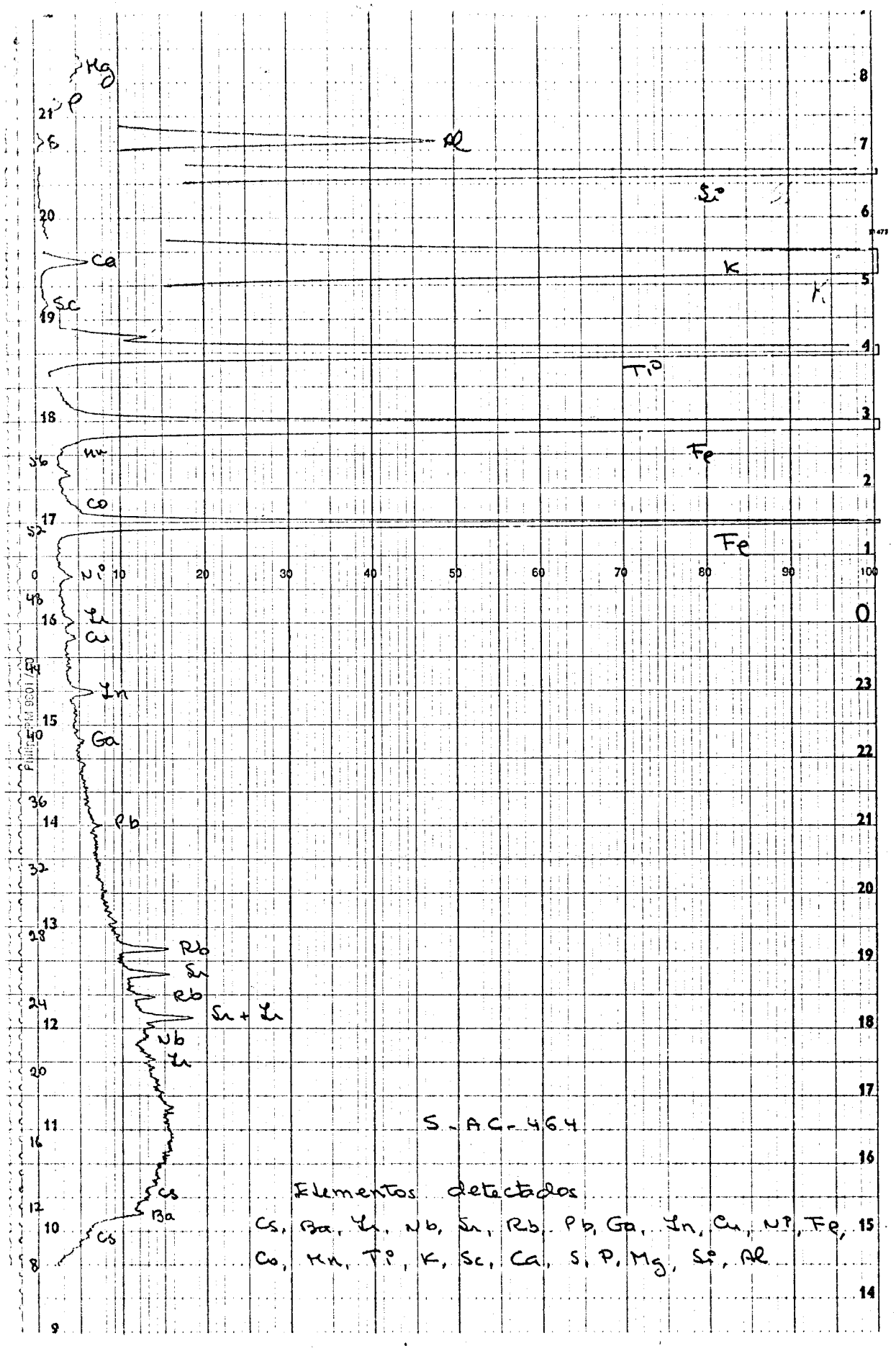


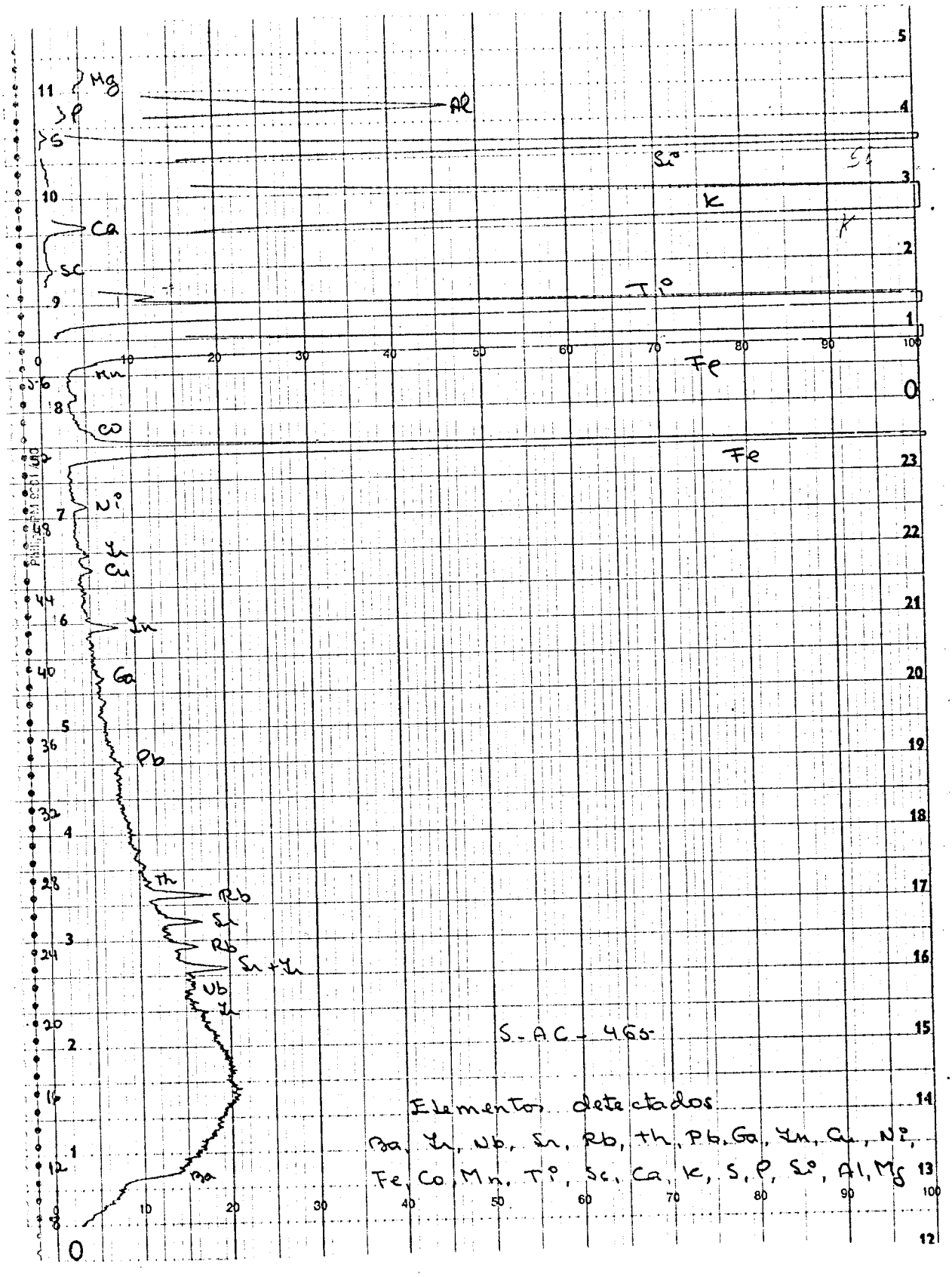
S.AC. 462

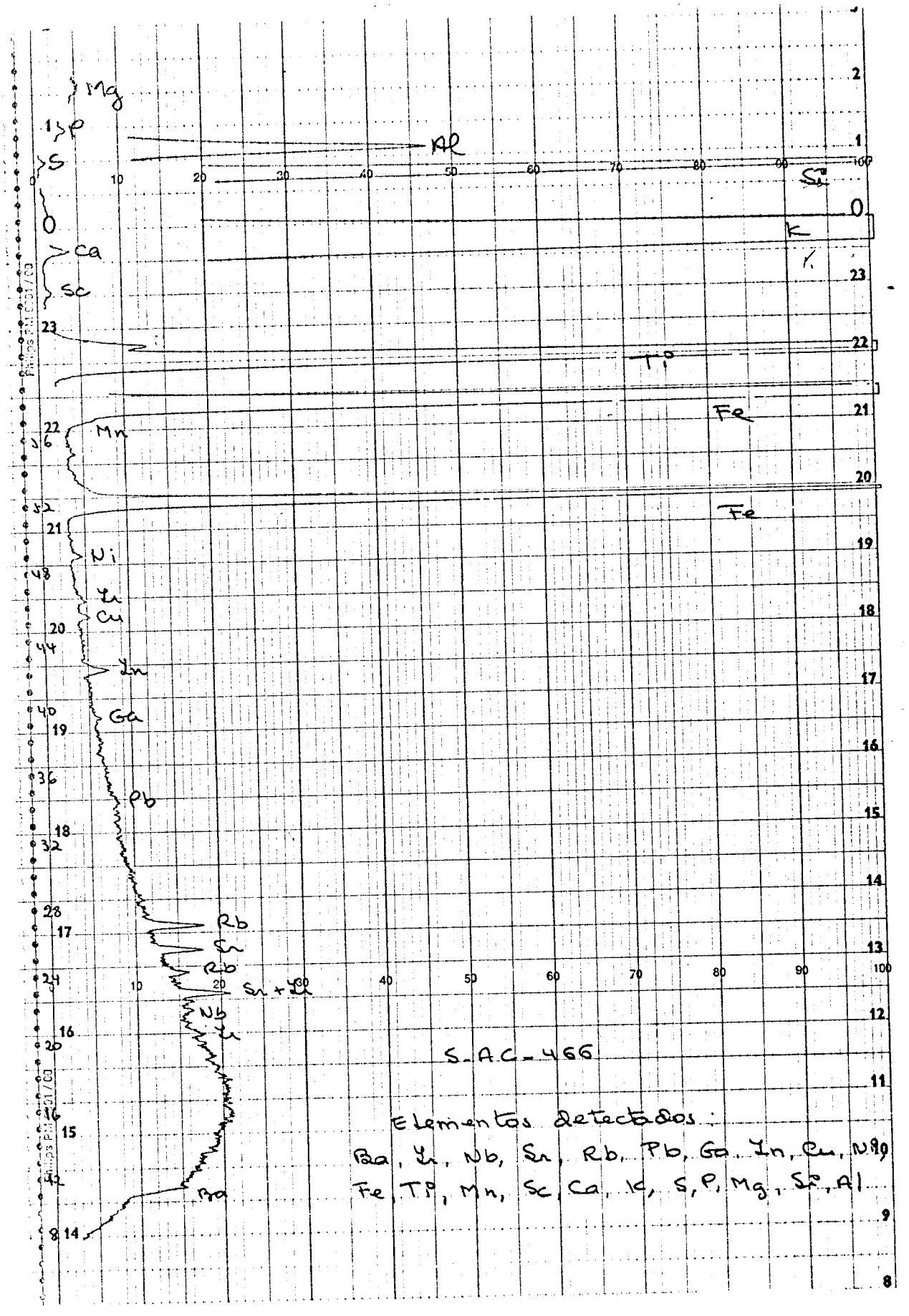
Elementos detectados:

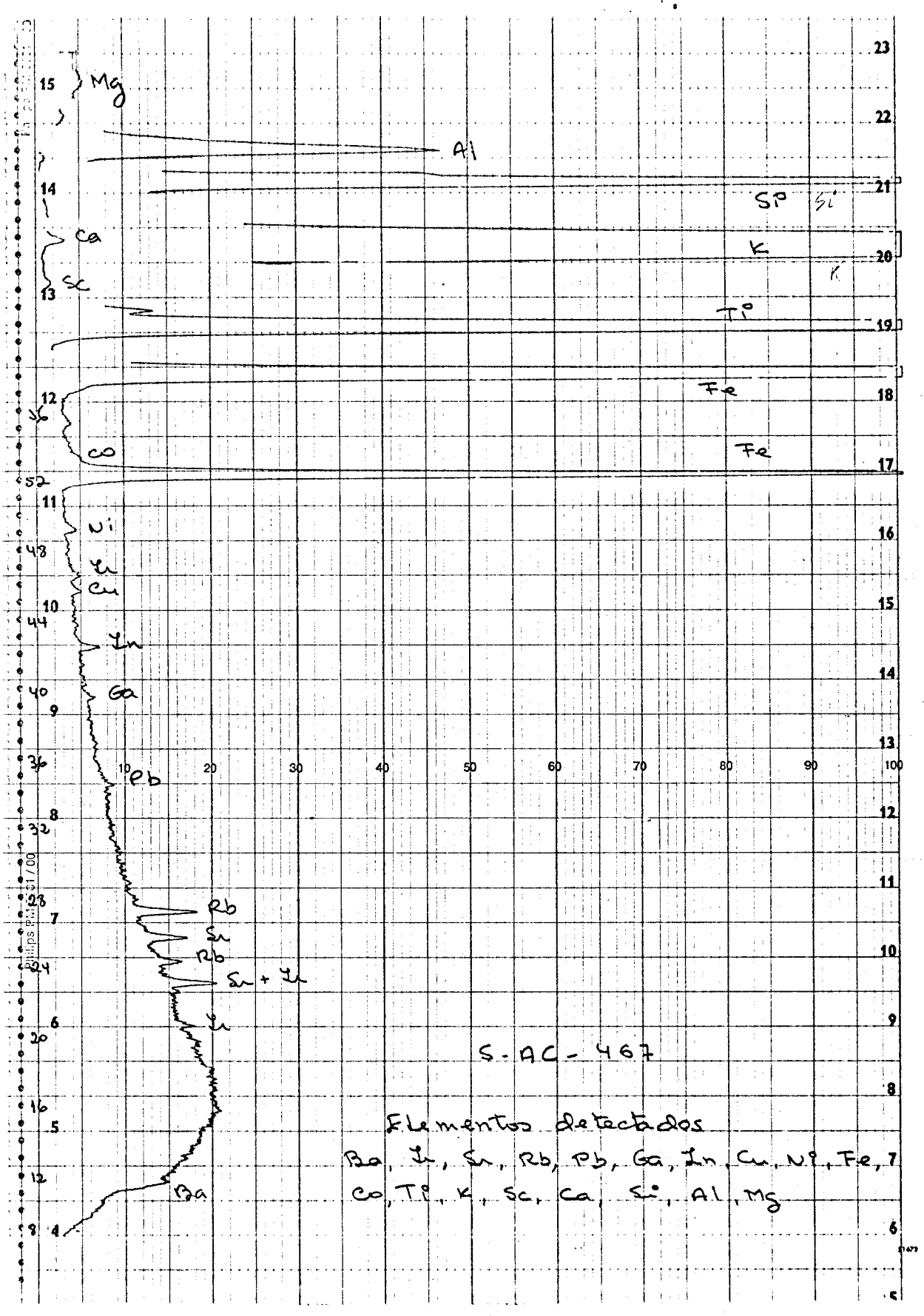
Cs, Ba, Sb, Cd, Zr, Nb, Sr, Rb, Pb, Ga
In, Cu, Ni, Fe, Ti, K, Ca, Sc, Cl, S,
Si, Al, Mg


Mg
P
S
Cl
Al
Si
Ca
K
Sc
Ti
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Sr + Zr
Nb
Zr
Sb
Ba
Cs
0
10
20
30
40
50
60
70
80
90
100
S-AC-463
Elementos detectados
Cs, Ba, Sb, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu
Ni, Fe, Ti, K, Sc, Ca, Cl, S, P, Si, Al, Mg


Mg
P
S
Al
Si
Ca
K
Sc
Ti
Mn
Fe
Co
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Sr + Zr
Nb
Zr
Cs
Ba
Cs
0
10
20
30
40
50
60
70
80
90
100
S-AC-464
Elementos detectados
Cs, Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe,
Co, Mn, Ti, K, Sc, Ca, S, P, Mg, Si, Al


Mg
Al
P
S
Si
K
Ca
Sc
Ti
Fe
Mn
Co
Fe
Ni
Zr
Cu
Zn
Ga
Pb
Th
Rb
Sr
Rb
Sr + Zr
Nb
Zr
Ba
S-AC-465
Elementos detectados
Ba, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni,
Fe, Co, Mn, Ti, Sc, Ca, K, S, P, Si, Al, Mg

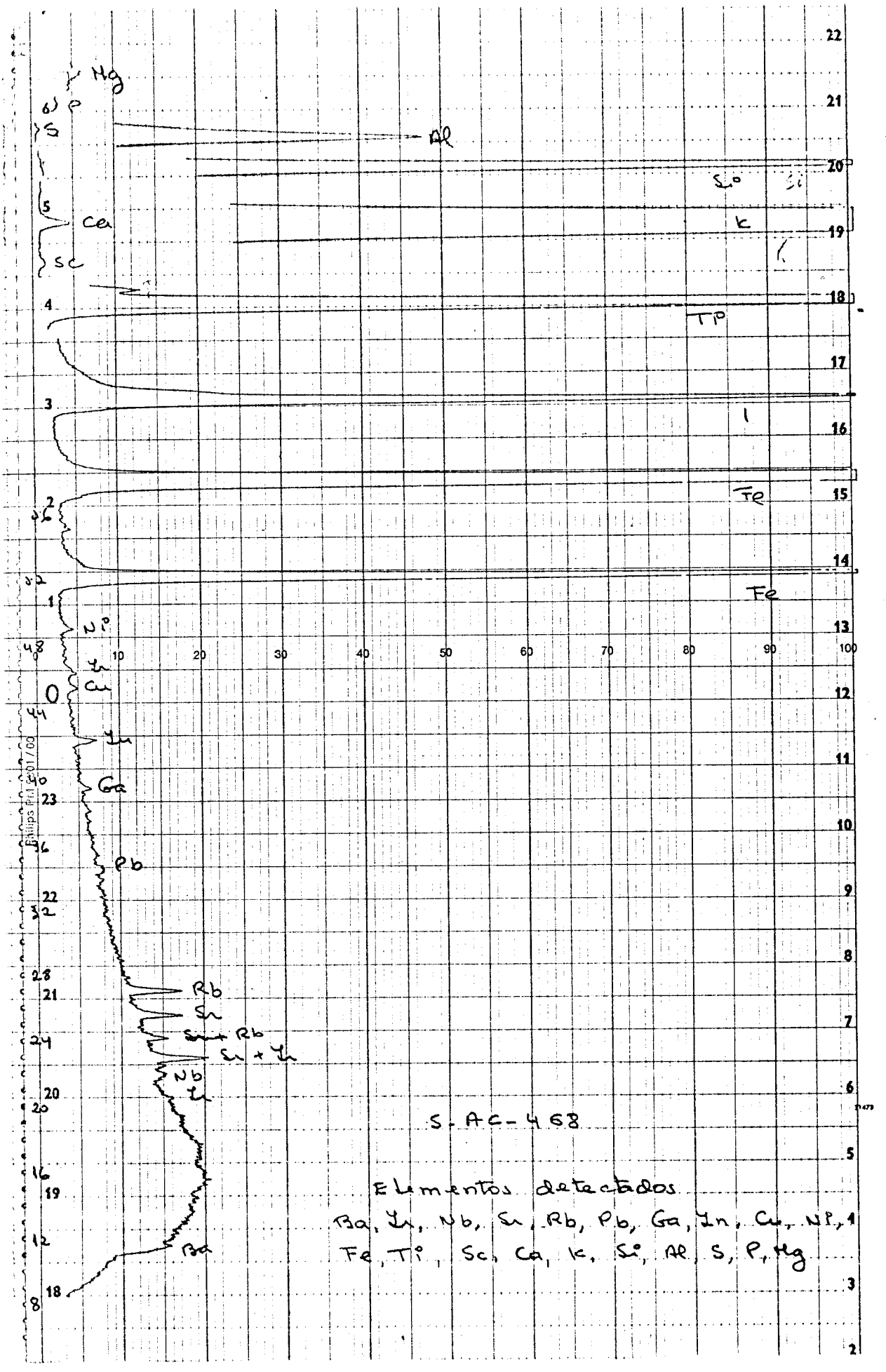

Mg
P
S
Al
Si
K
Ca
Sc
Ti
Fe
Mn
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Sr + Zr
Nb
Zr
Ba
S-AC-466
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni
Fe, Ti, Mn, Sc, Ca, K, S, P, Mg, Si, Al

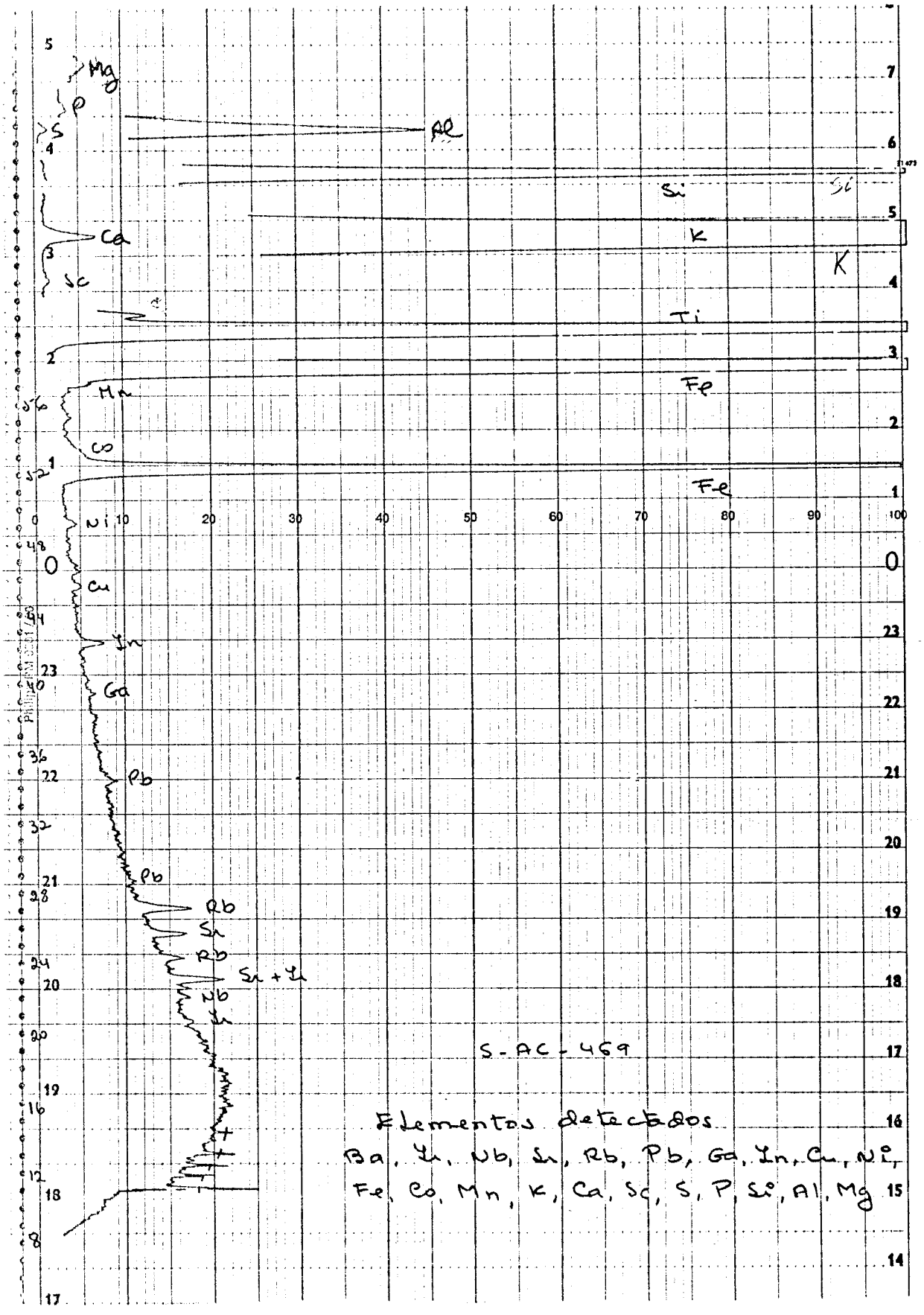


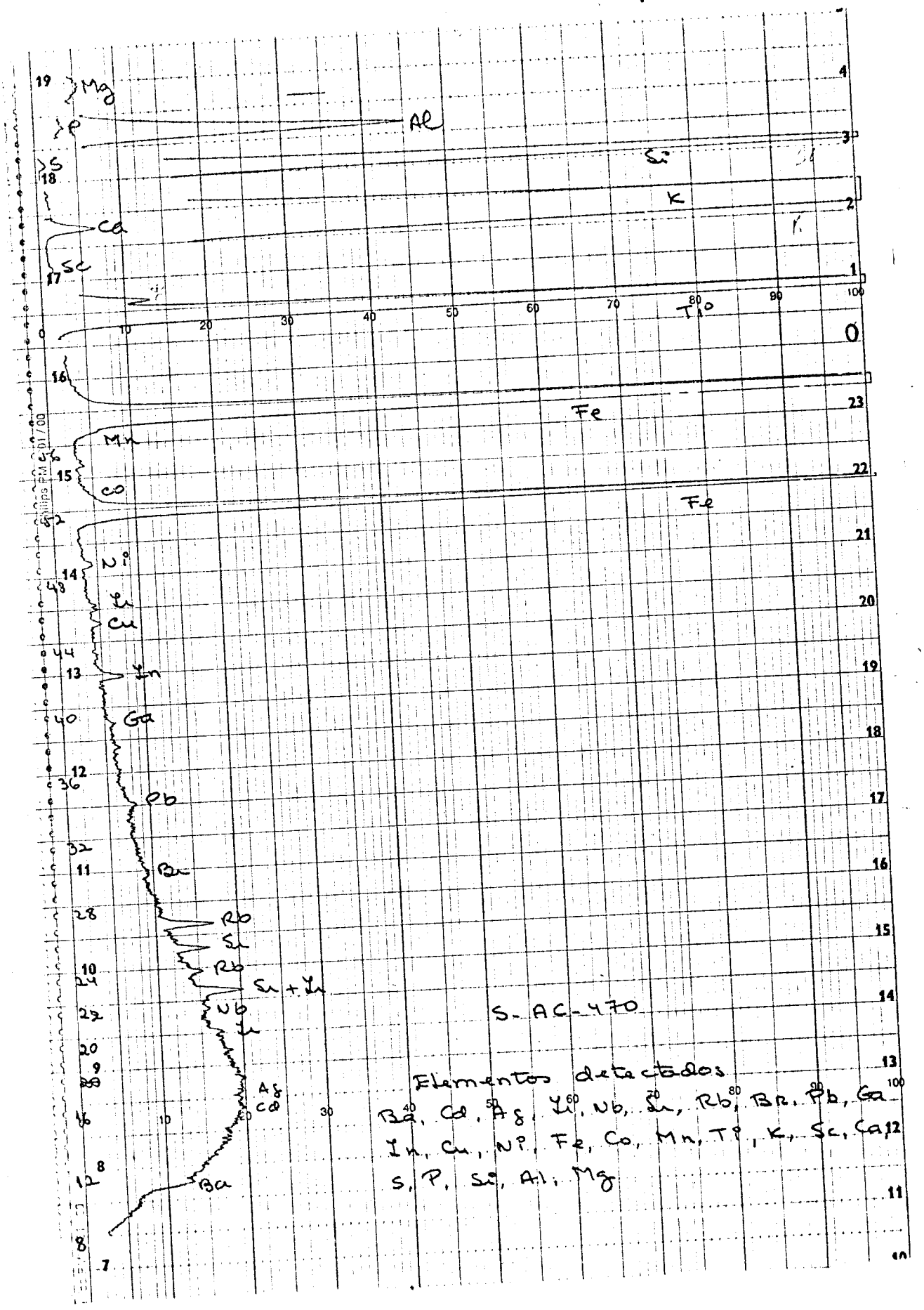
S-AC-467

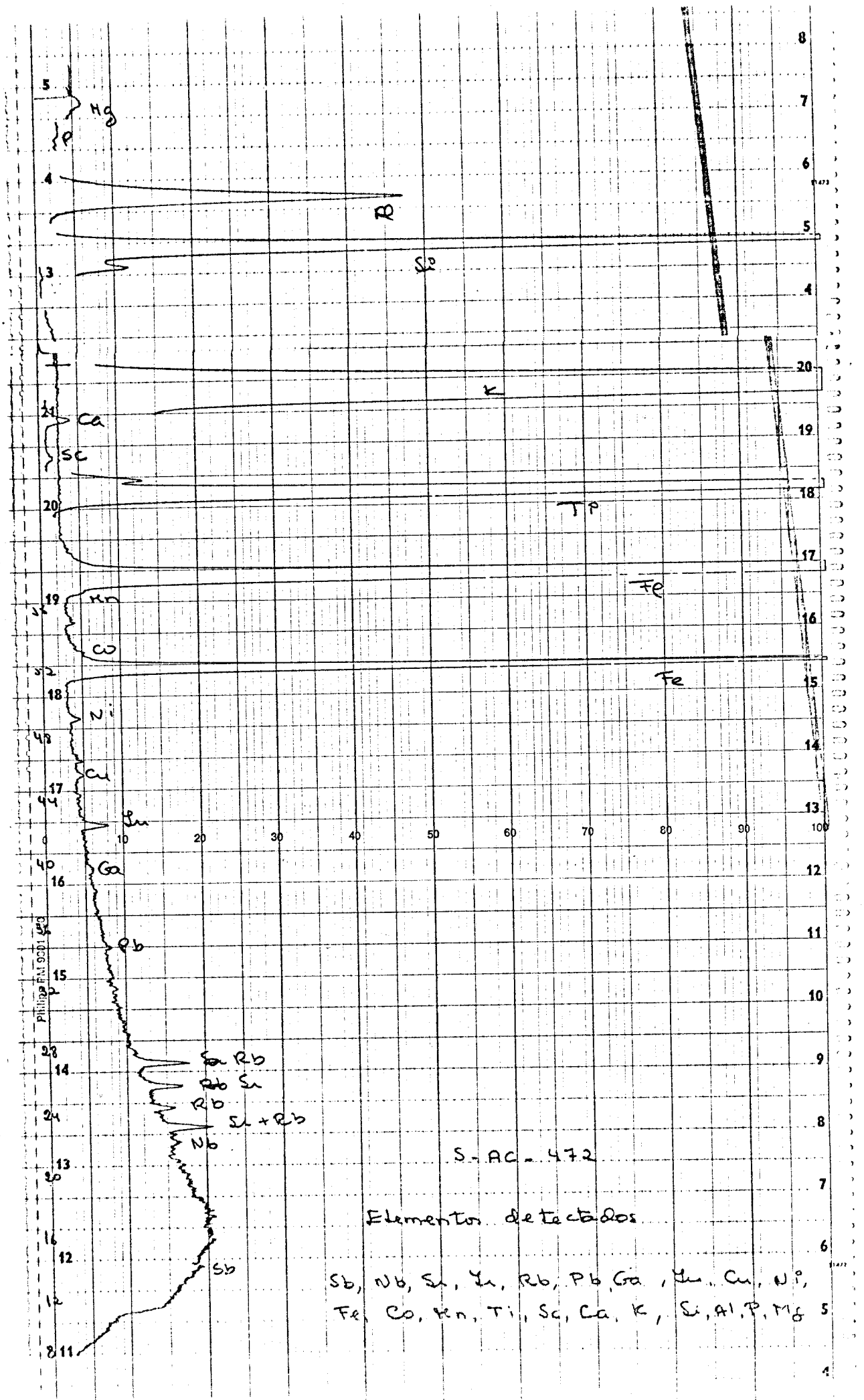
Elementos detectados

Ba, Zr, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Ti, K, Sc, Ca, Si, Al, Mg


Mg
P
S
Al
Si
Ca
K
Sc
Ti
I
Fe
Fe
Ni
Cu
Ga
Pb
Rb
Sr
Sr + Rb
Sr + Ti
Nb
Ba
S-AC-468
Elementos detectados
Ba, Ti, Nb, Sr, Rb, Pb, Ga, In, Cu, Ni,
Fe, Ti, Sc, Ca, K, Si, Al, S, P, Mg


Mg
P
S
Al
Si
Si
Ca
K
K
Sc
Ti
Mn
Fe
Co
Fe
Ga
Pb
Pb
Rb
Sr
Rb
Sr + Y
Zr
S-AC-459
Elementos detectados
Ba, Y, Nb, Sr, Rb, Pb, Ga, In, Cu, Ni,
Fe, Co, Mn, K, Ca, Sc, S, P, Si, Al, Mg

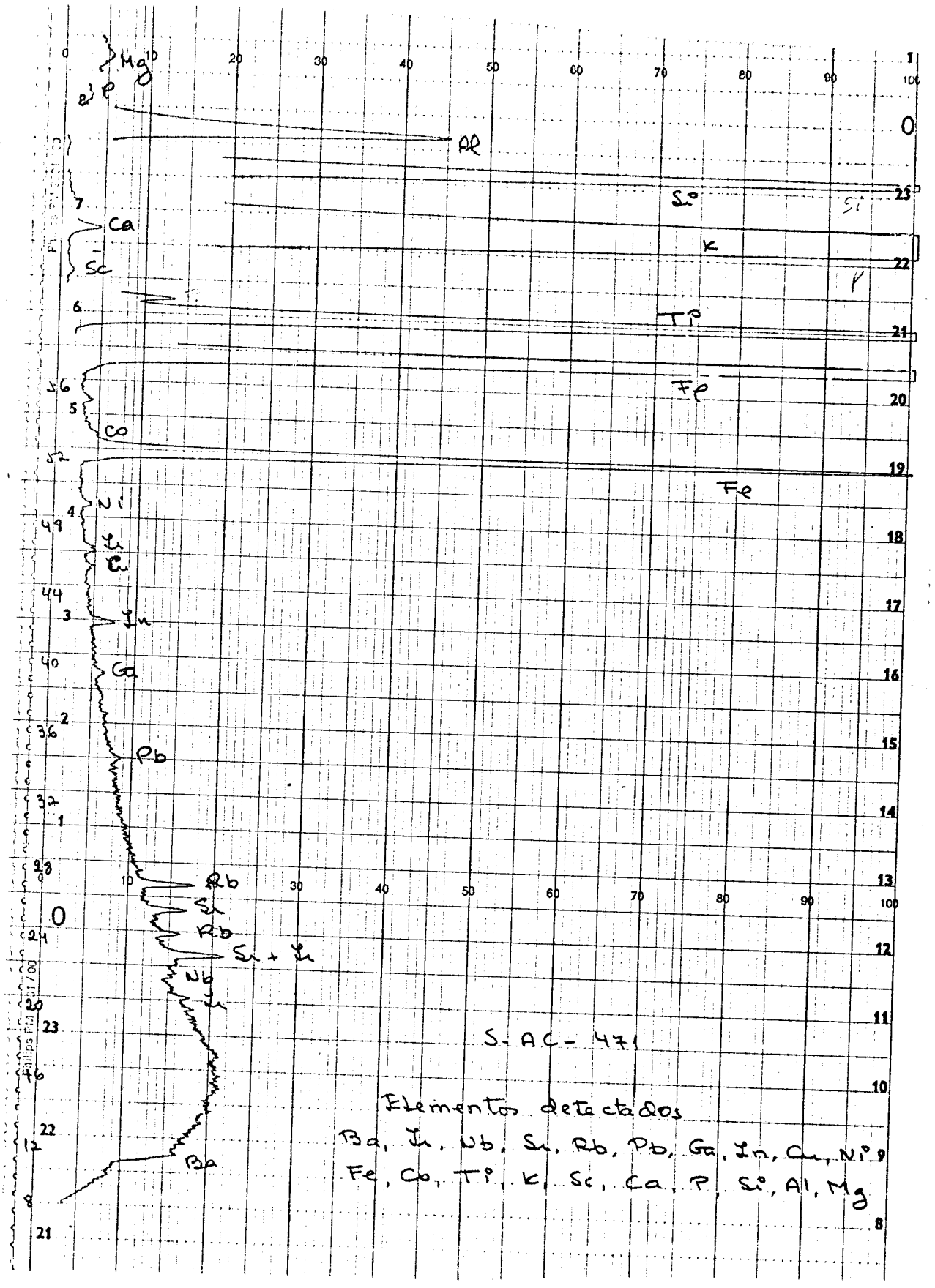

Mg
Al
Si
K
Ca
Sc
Ti
Fe
Mn
Fe
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Rb
Sr + Y
Nb
Ag
Cd
Ba
S-AC-470
Elementos detectados
Ba, Cd, Ag, Li, Nb, Sr, Rb, Br, Pb, Ga
In, Cu, Ni, Fe, Co, Mn, Ti, K, Sc, Ca
S, P, Si, Al, Mg



S - AC - 472

Elementos detectados

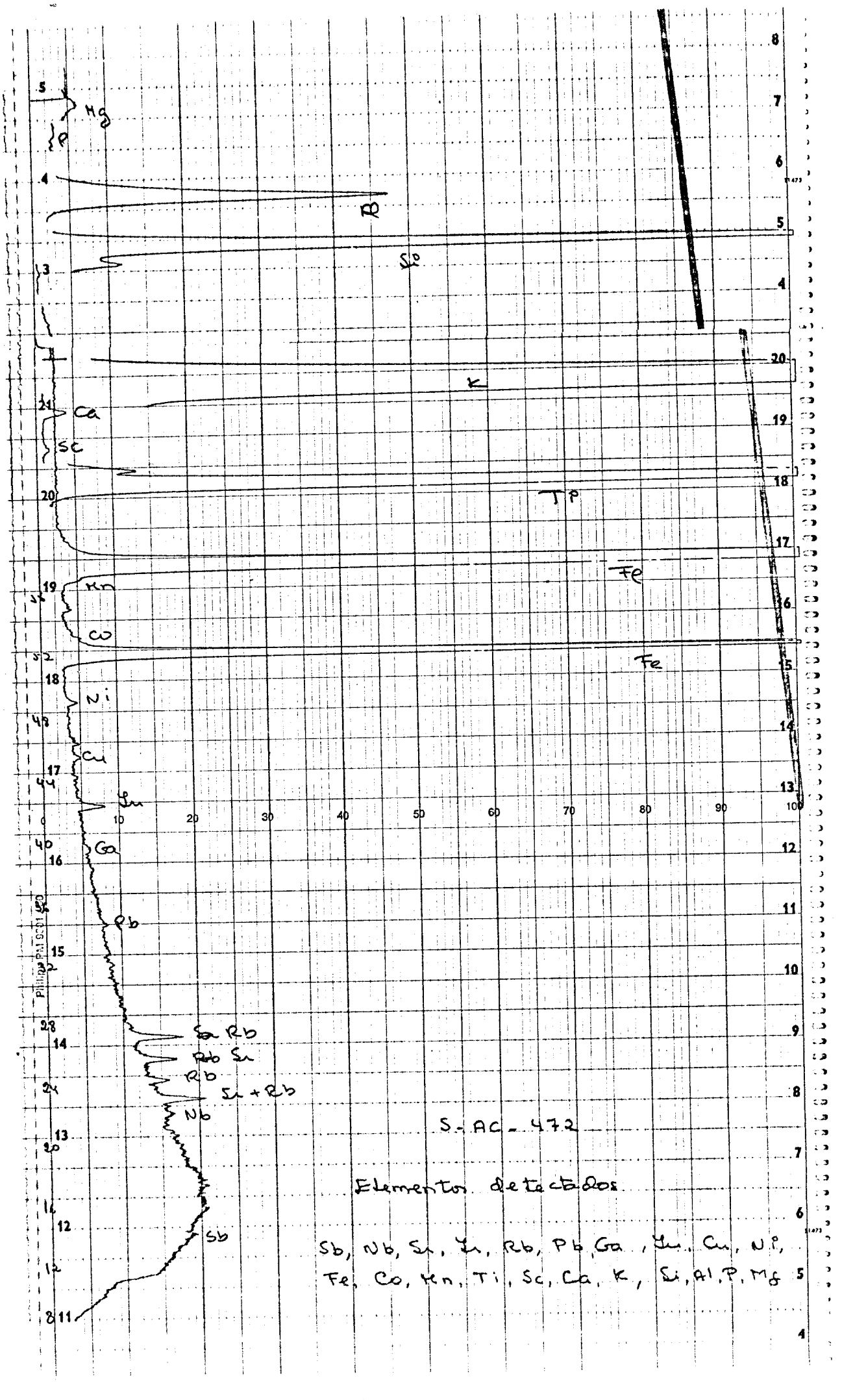
Sb, Nb, Sr, Y, Rb, Pb, Ga, Zn, Cu, Ni,
Fe, Co, Mn, Ti, Sc, Ca, K, Si, Al, P, Mg

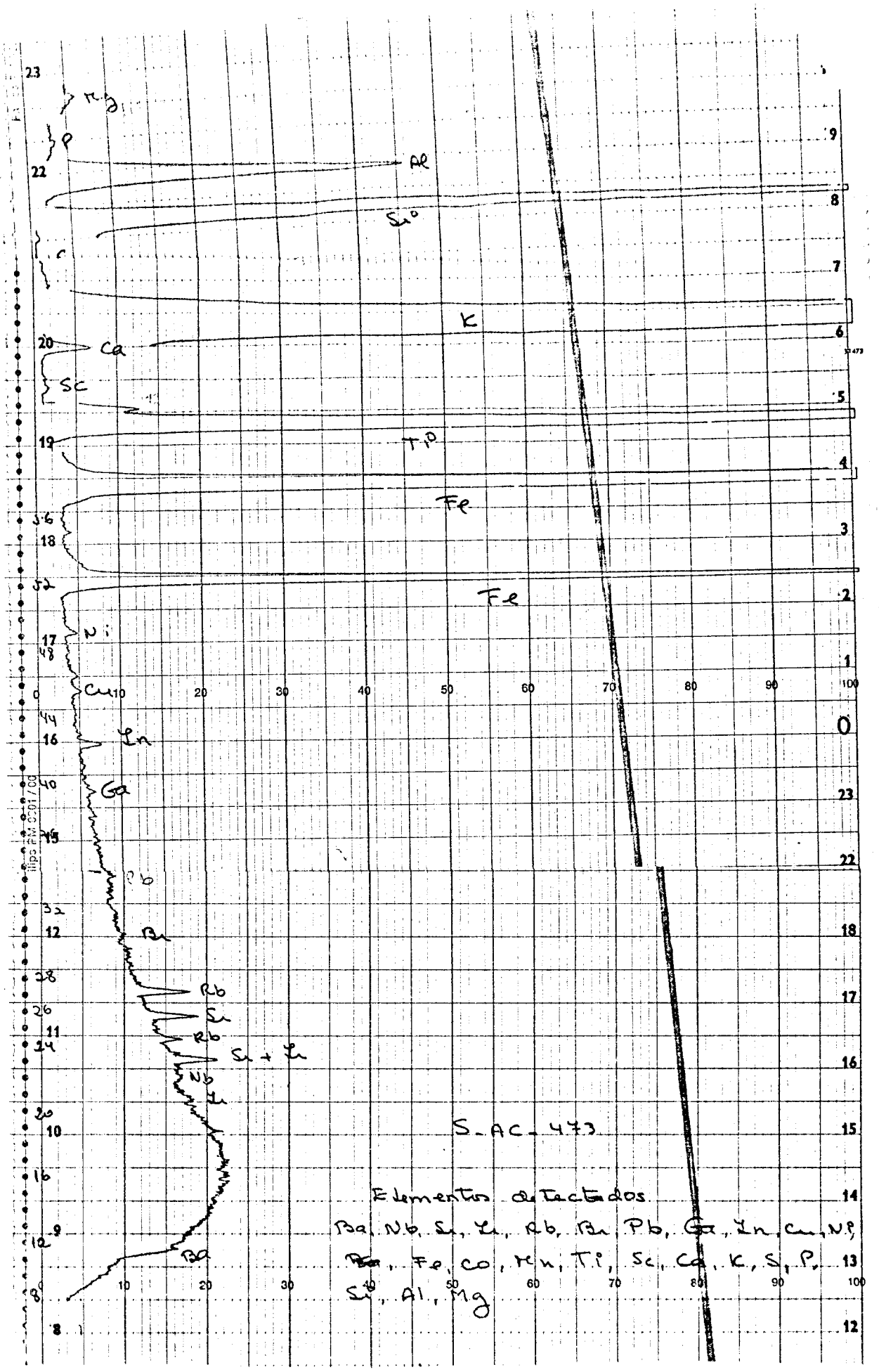


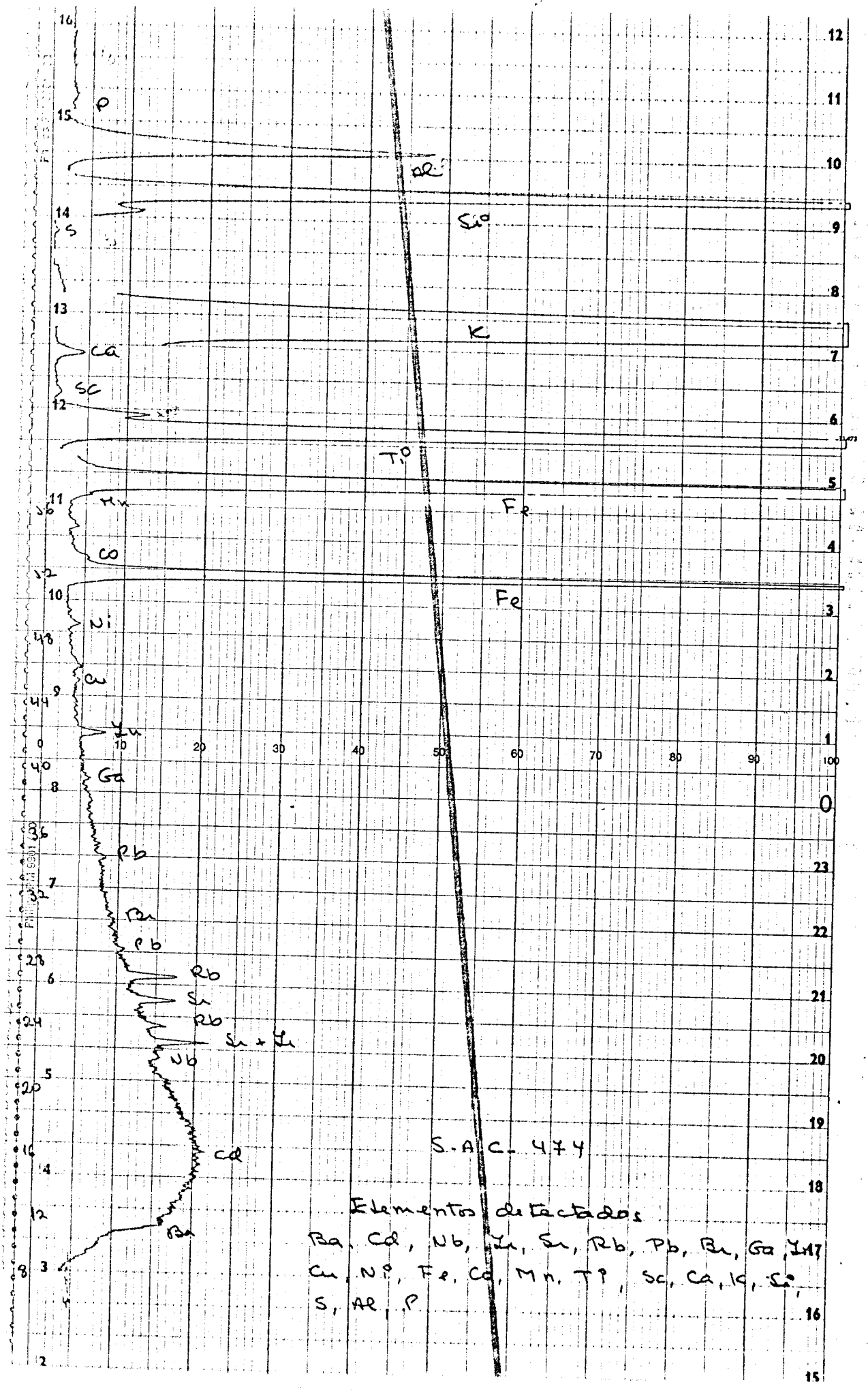
S-AC-471

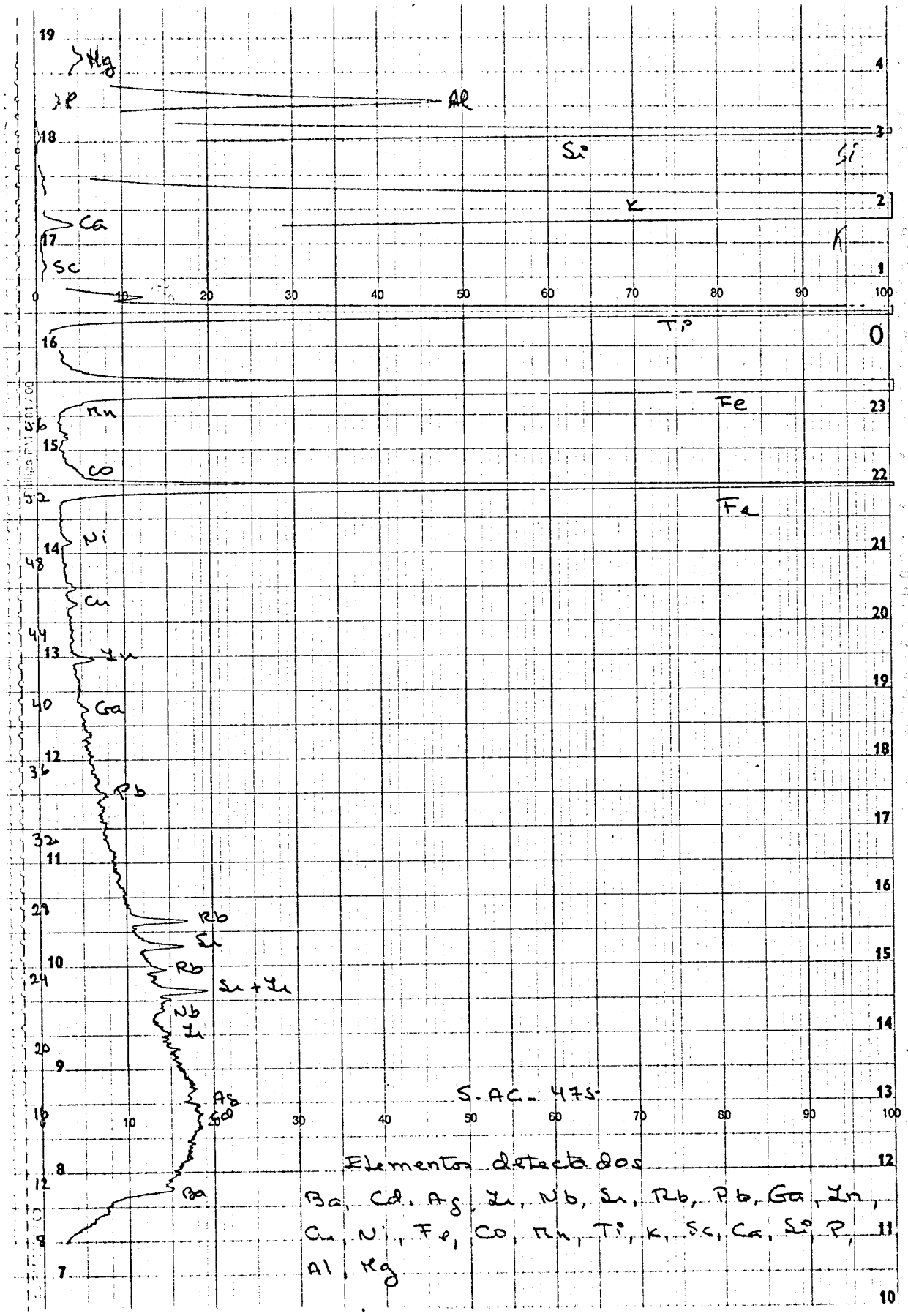
Elementos detectados

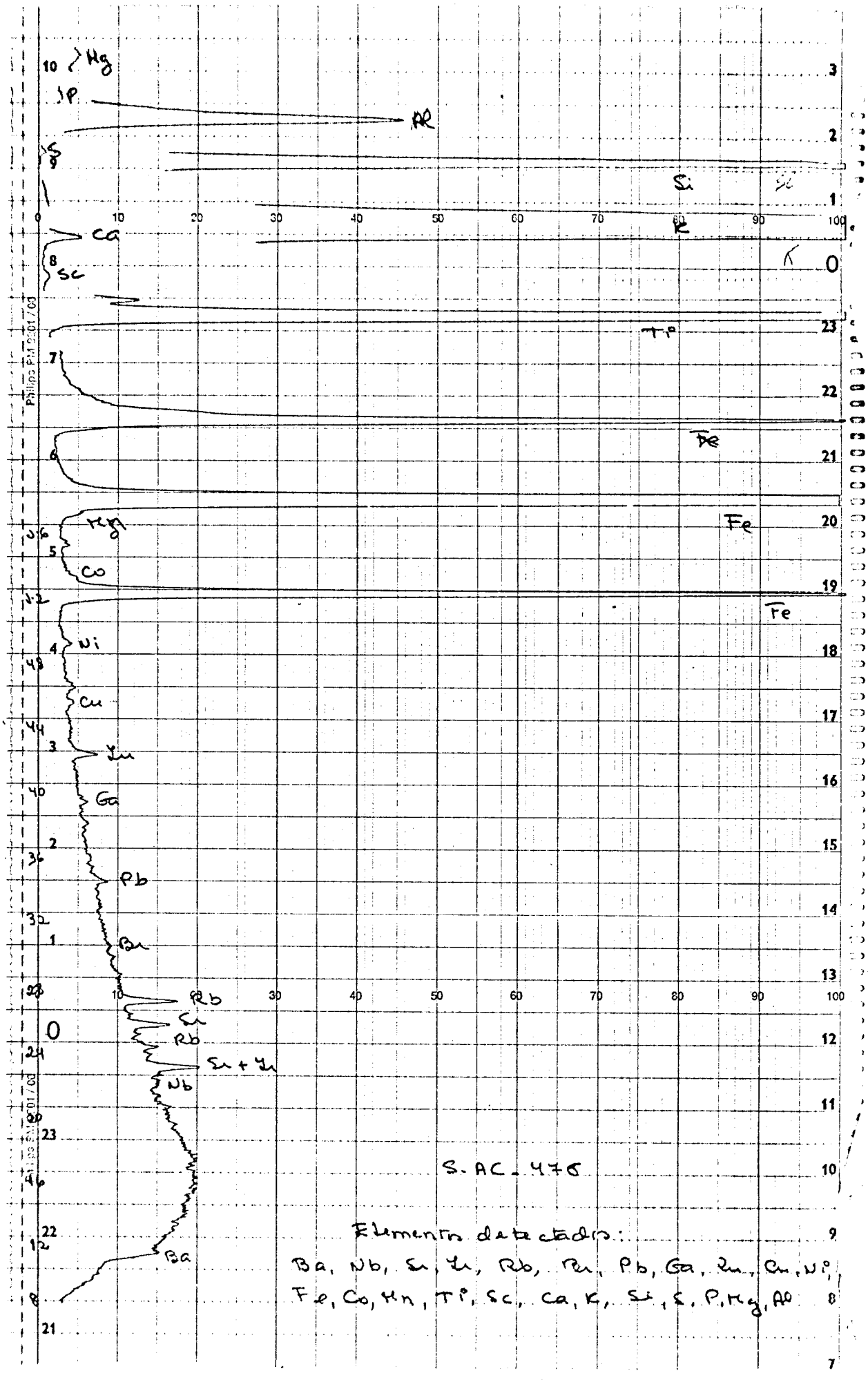
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Co, Fe, Ti, K, Sc, Ca, P, Si, Al, Mg


Mg
P
Al
Si
K
Ca
Sc
Ti
Fe
Mn
Co
Fe
Ni
Cu
Zn
Ga
Pb
Sa Rb
Rb Si
Rb
Si + Rb
Nb
Sb
S-AC-472
Elementos detectados
Sb, Nb, Si, Zn, Rb, Pb, Ga, Zn, Cu, Ni,
Fe, Co, Mn, Ti, Sc, Ca, K, Si, Al, P, Mg


Mg
P
Al
Si°
K
Ca
Sc
Ti°
Fe
Fe
Ni
Cu
In
Ga
Pb
Br
Rb
Sr
Rb
Sr + Ir
Nb
Ir
Ba
S-AC-473
Elementos detectados
Ba, Nb, Sr, Ir, Rb, Br, Pb, Ga, In, Cu, Ni,
Fe, Co, Mn, Ti, Sc, Ca, K, S, P,
Si, Al, Mg

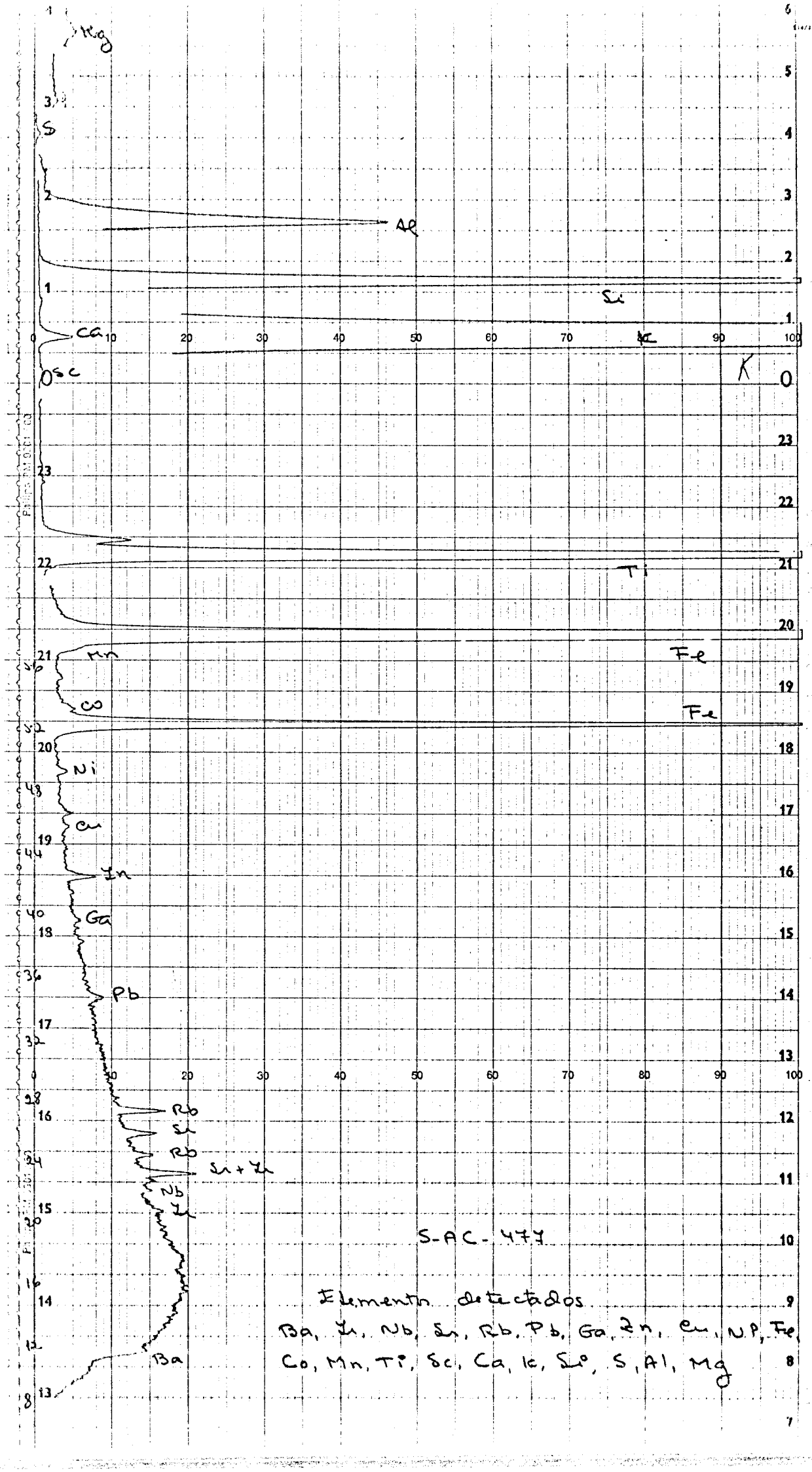

P
Al
Si°
S
K
Ca
Sc
Ti°
Mn
Fe
Co
Fe
Ni
Cu
Zn
Ga
Pb
Br
Pb
Rb
Sr
Rb
Sr + Zr
Nb
Cd
Ba
S.A.C. 474
Elementos detectados
Ba, Cd, Nb, Zr, Sr, Rb, Pb, Br, Ga, Zn
Cu, Ni°, Fe, Co, Mn, Ti°, Sc, Ca, K, Si°,
S, Al, P

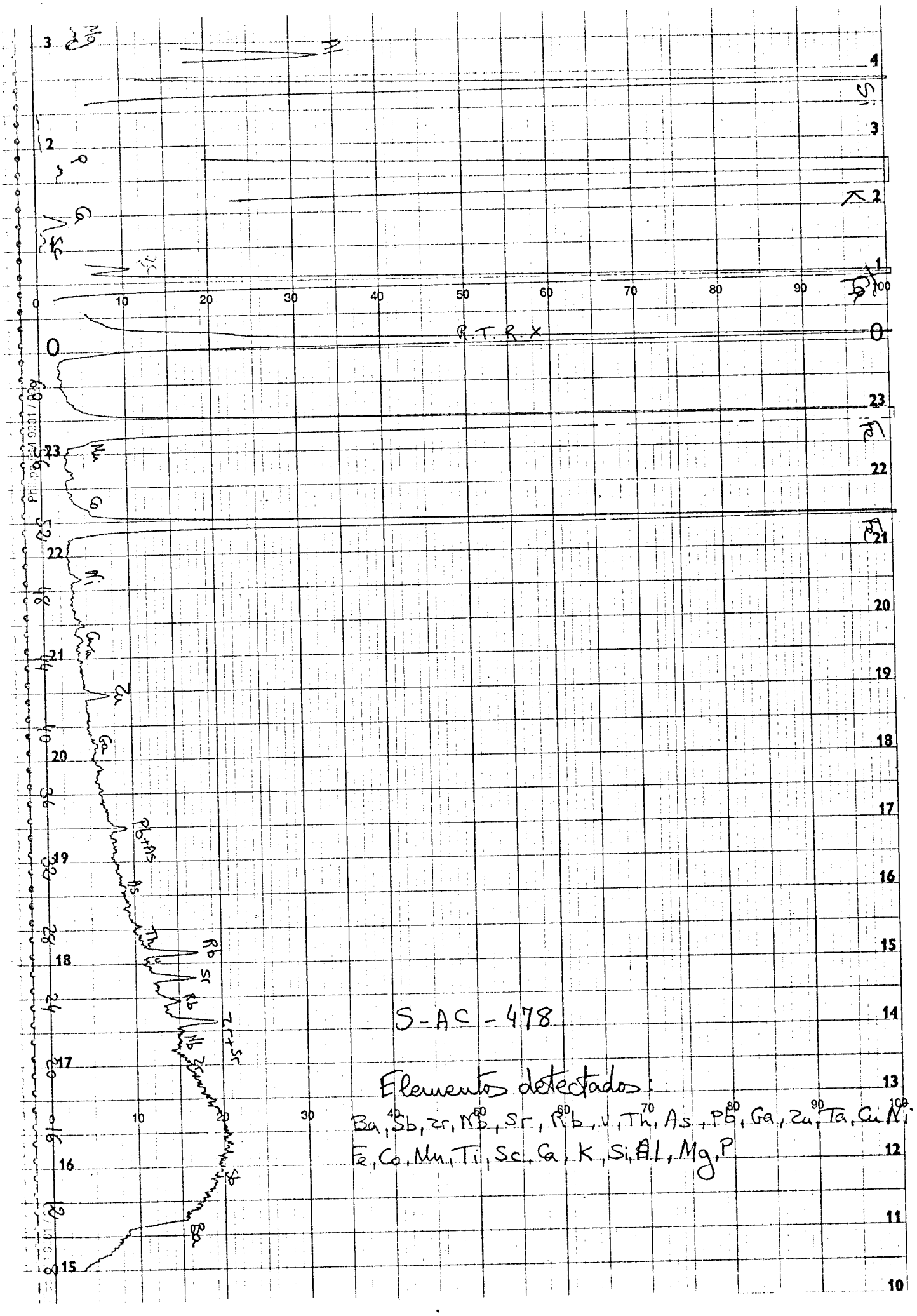

Mg
Al
Si
K
Ca
Sc
Ti
Mn
Fe
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Sr + Zr
Nb
Zr
Ag
Cd
Ba
S. AC - 475
Elementos detectados
Ba, Cd, Ag, Zr, Nb, Sr, Rb, Pb, Ga, Zn,
Cu, Ni, Fe, Co, Mn, Ti, K, Sc, Ca, Si, P,
Al, Mg



S. AC - 476

Elementos detectados:
Ba, Nb, Sr, Zr, Rb, Br, Pb, Ga, Zn, Cu, Ni,
Fe, Co, Mn, Ti, Sc, Ca, K, Si, S, P, Mg, Al


Mg
S
Al
Si
Ca
K
Osc
Ti
Mn
Fe
Co
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Sr + Y
Nb
Y
Ba
S-AC-477
Elementos detectados
Ba, Y, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, P, Fe,
Co, Mn, Ti, Sc, Ca, Ic, Si, S, Al, Mg

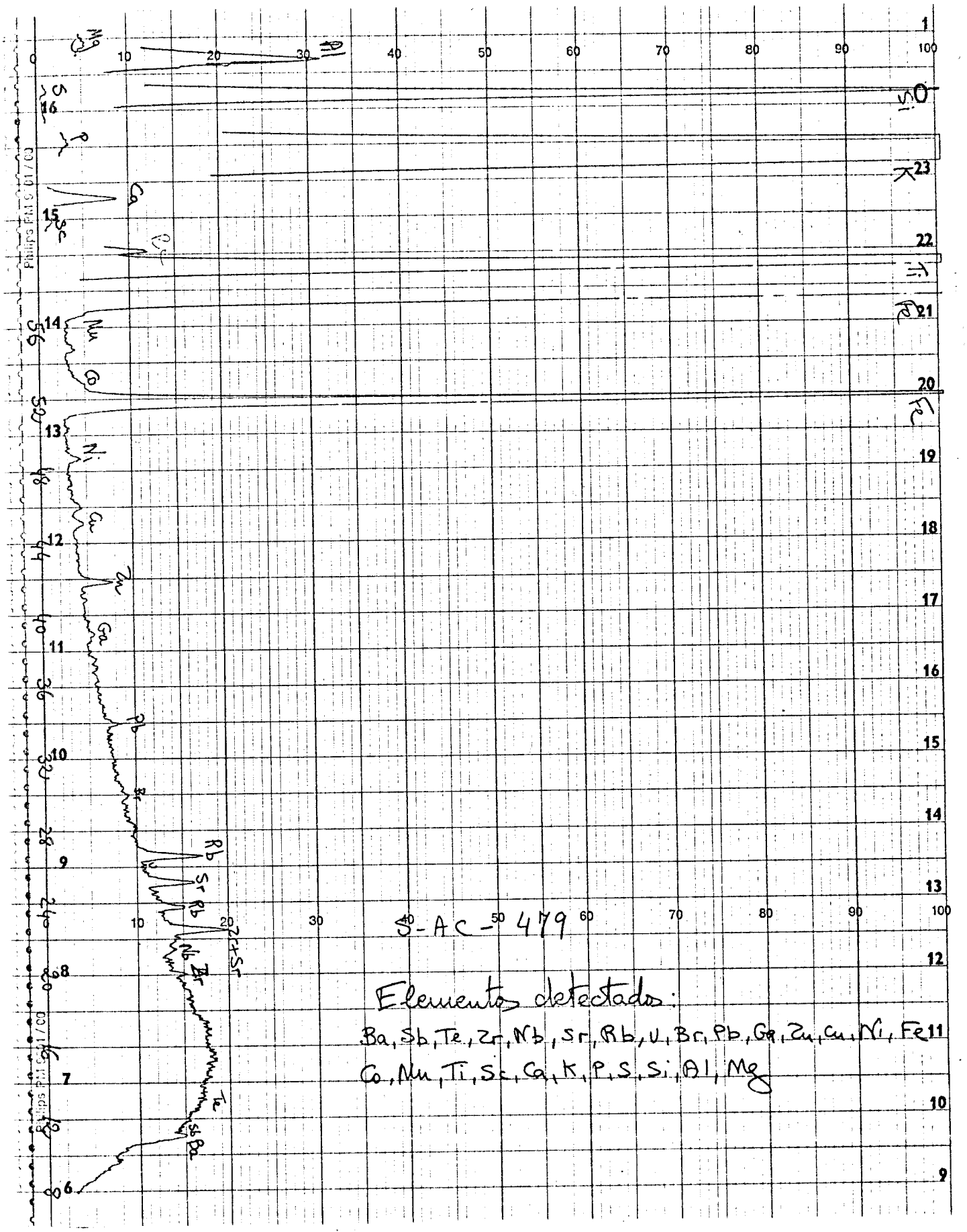


S-AC-478

Elementos detectados:

Ba, Sb, Zr, Nb, Sr, Rb, U, Th, As, Pb, Ga, Zn, Ta, Cu, Ni

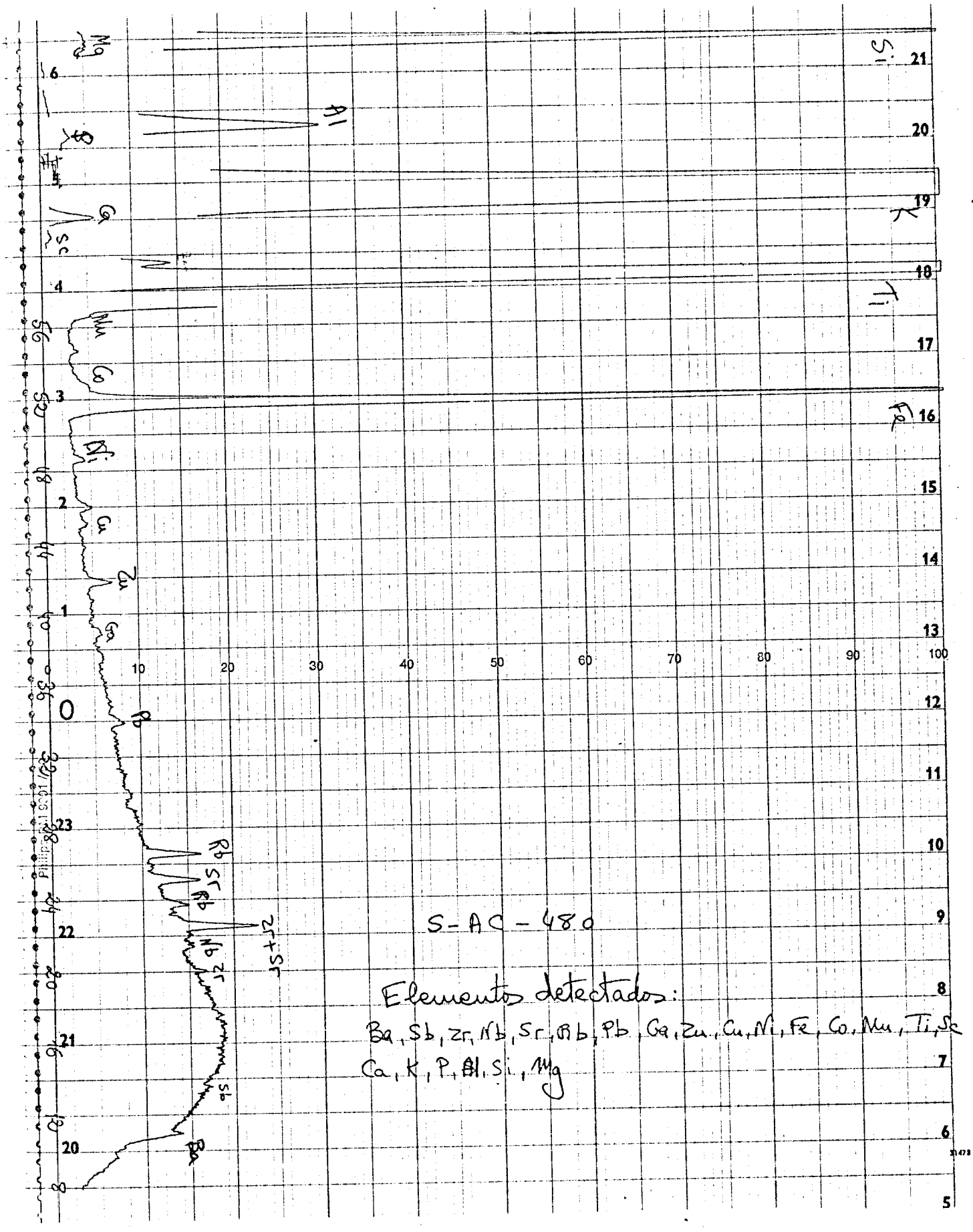
Fe, Co, Mn, Ti, Sc, Ca, K, Si, Al, Mg, P

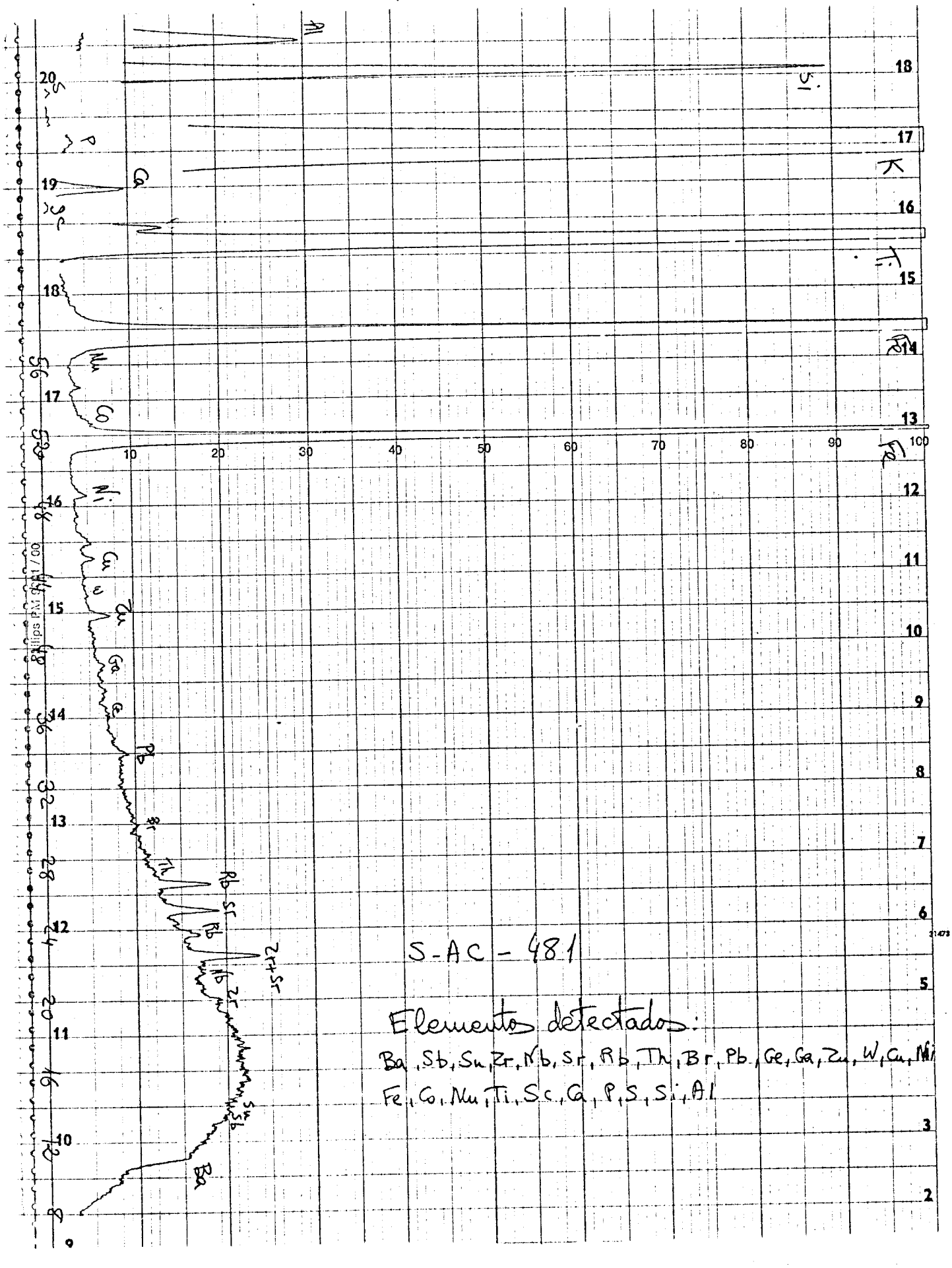


S-AC-479

Elementos detectados:

Ba, Sb, Te, Zr, Nb, Sr, Rb, V, Br, Pb, Ga, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

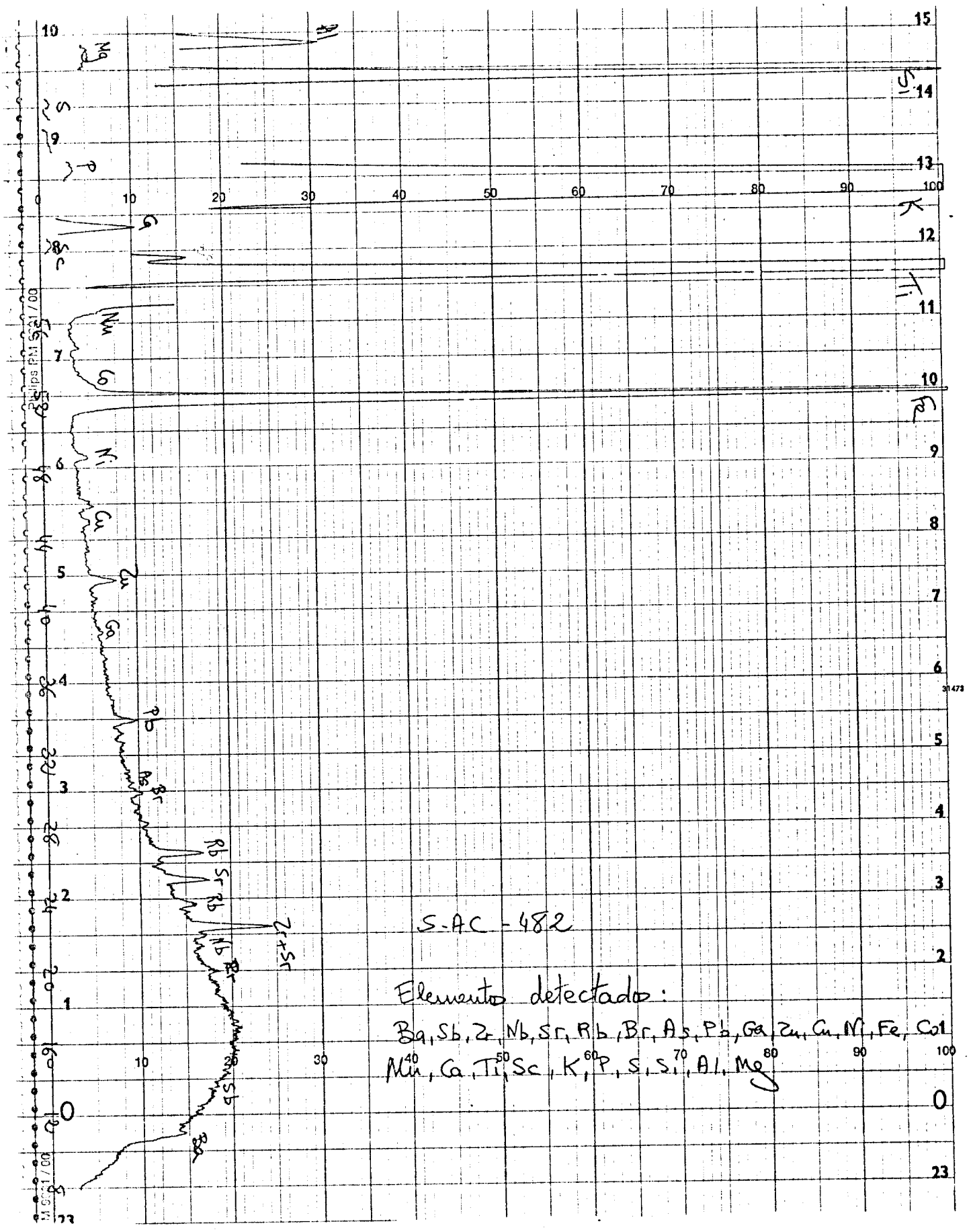

S-AC-480
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc
Ca, K, P, Al, Si, Mg
Mg
Al
Si
K
Ti
Fe
Ca
Sc
Mn
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Nb
Zr
Sb
Ba
Zr+Sr
0
10
20
30
40
50
60
70
80
90
100

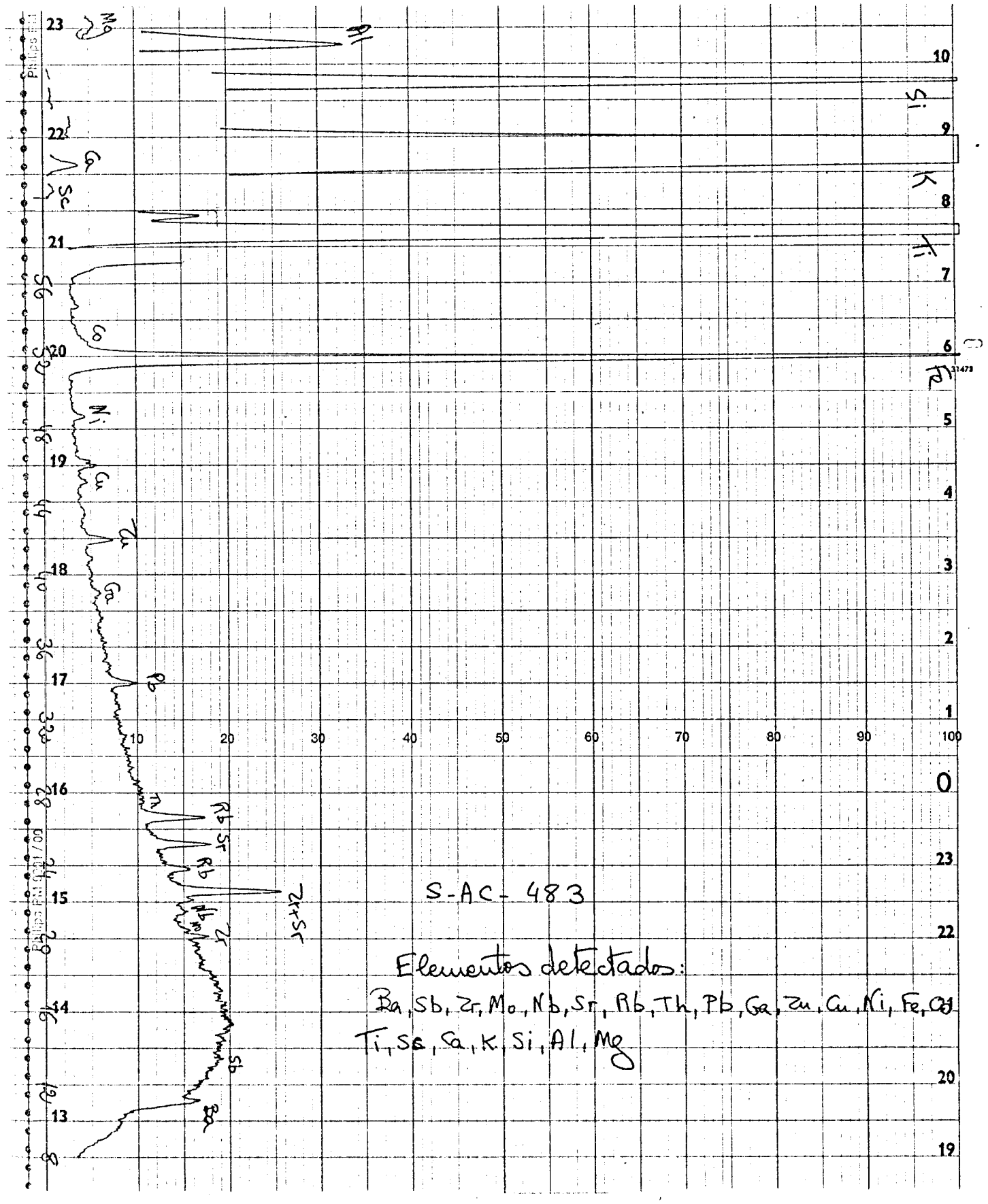


S-AC-481

Elementos detectados:

Ba, Sb, Sn, Zr, Nb, Sr, Rb, Th, Br, Pb, Ge, Ga, Zn, W, Cu, Mn, Fe, Co, Ni, Ti, Sc, Ca, P, S, Si, Al


S-AC-482
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Br, As, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ca, Ti, Sc, K, P, S, Si, Al, Mg

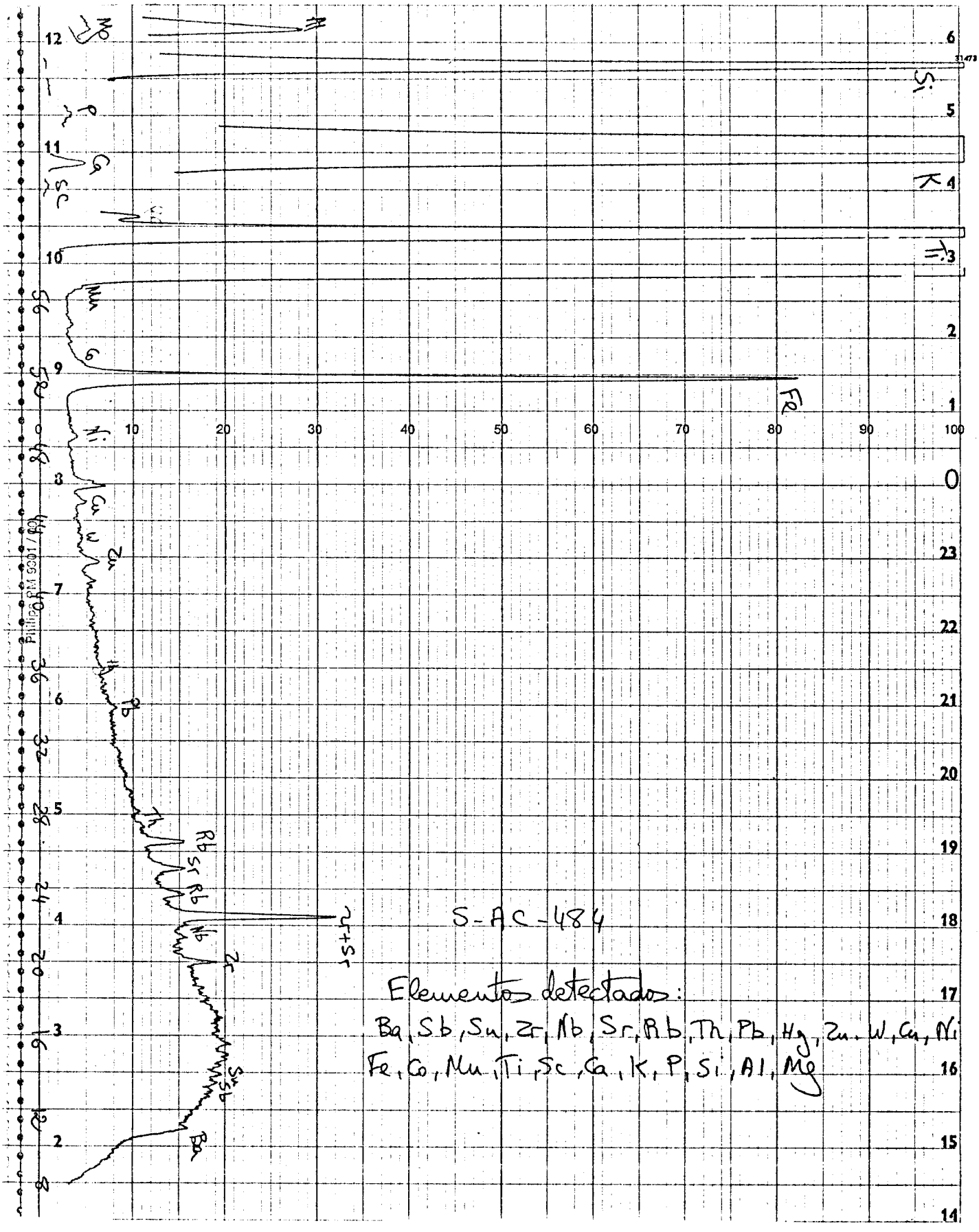


S-AC-483

Elementos detectados:

Ba, Sb, Zr, Mo, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe, Co

Ti, Sc, Ca, K, Si, Al, Mg

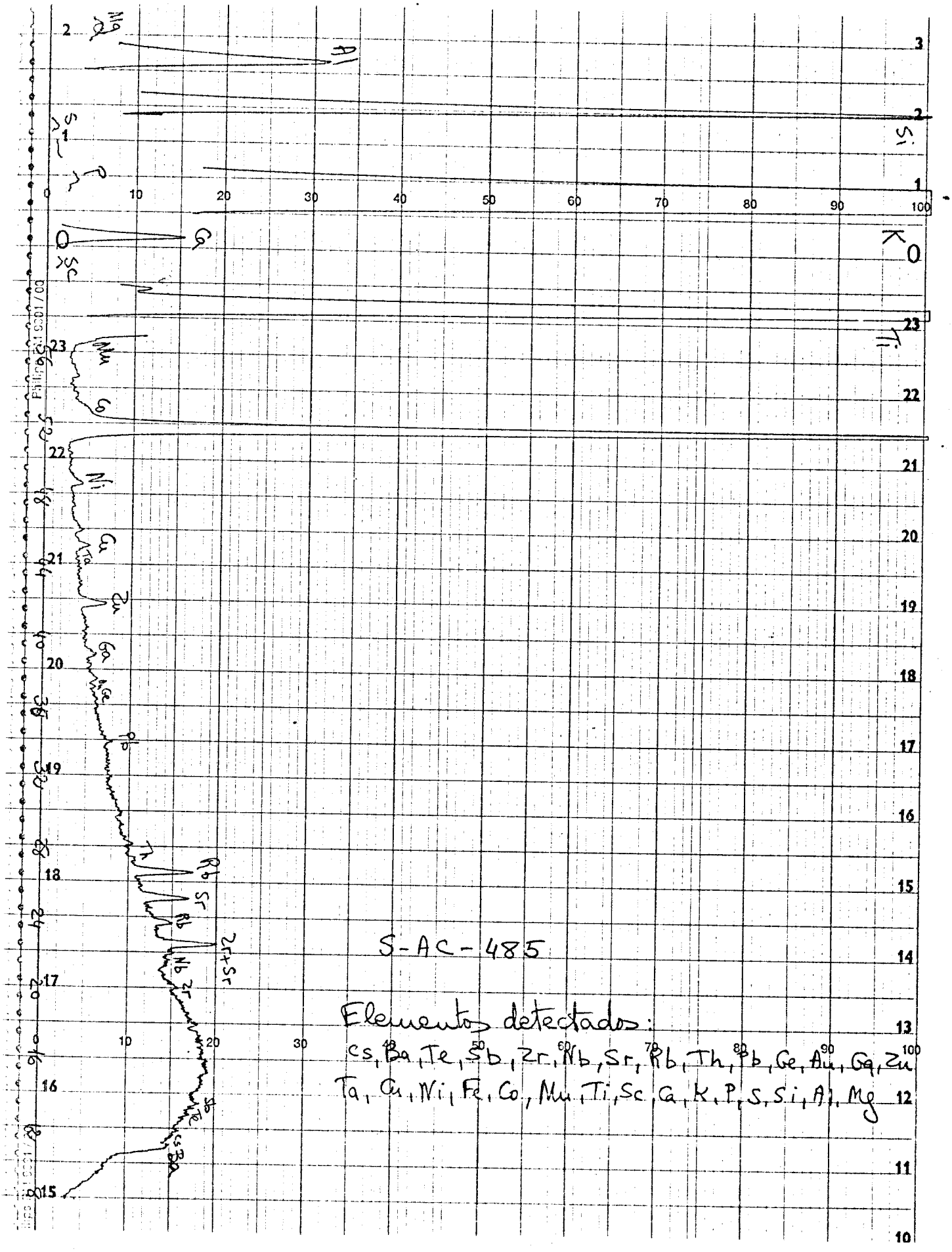


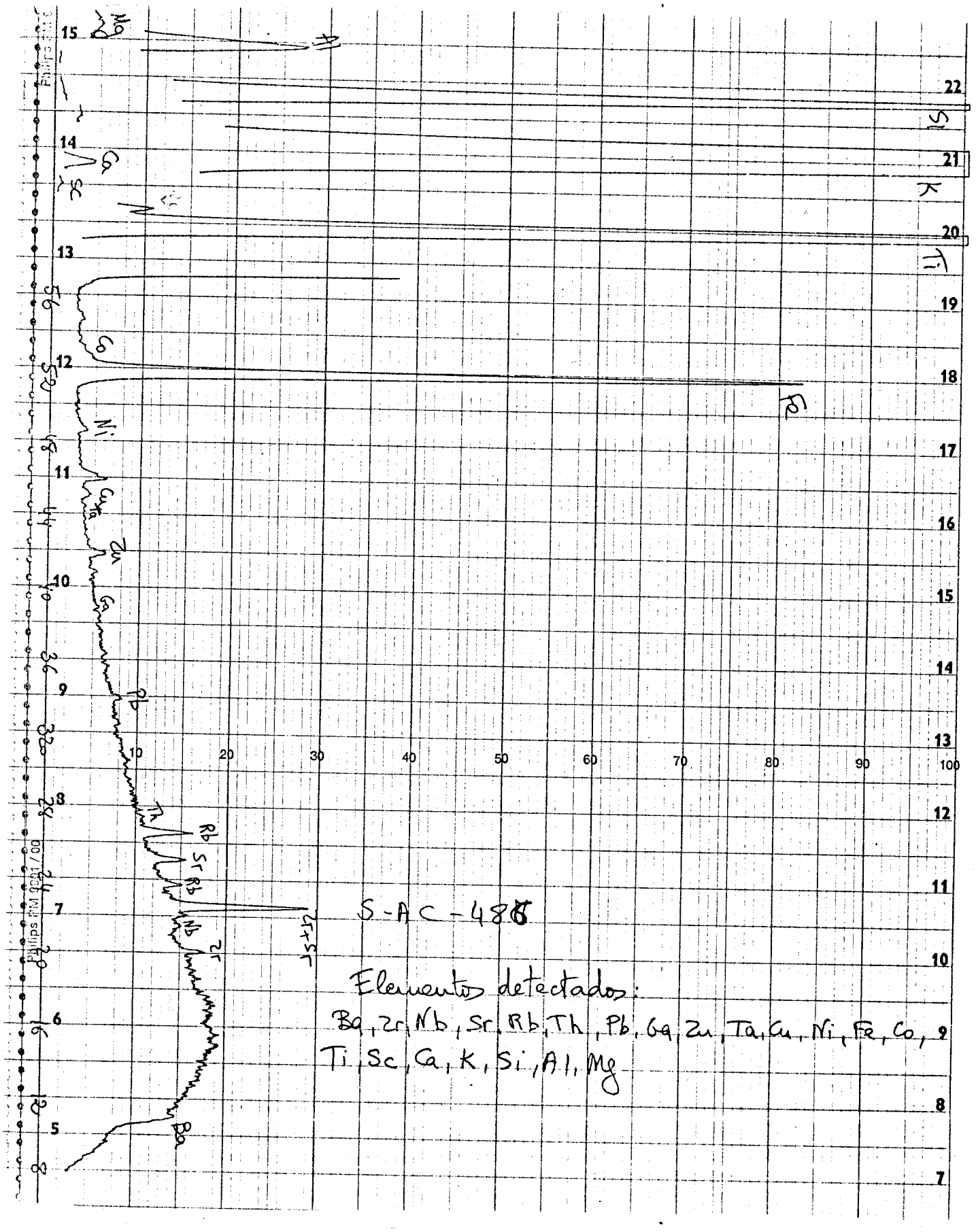
S-AC-484

Elementos detectados:

Ba, Sb, Sn, Zr, Nb, Sr, Rb, Th, Pb, Hg, Zn, W, Cu, Ni

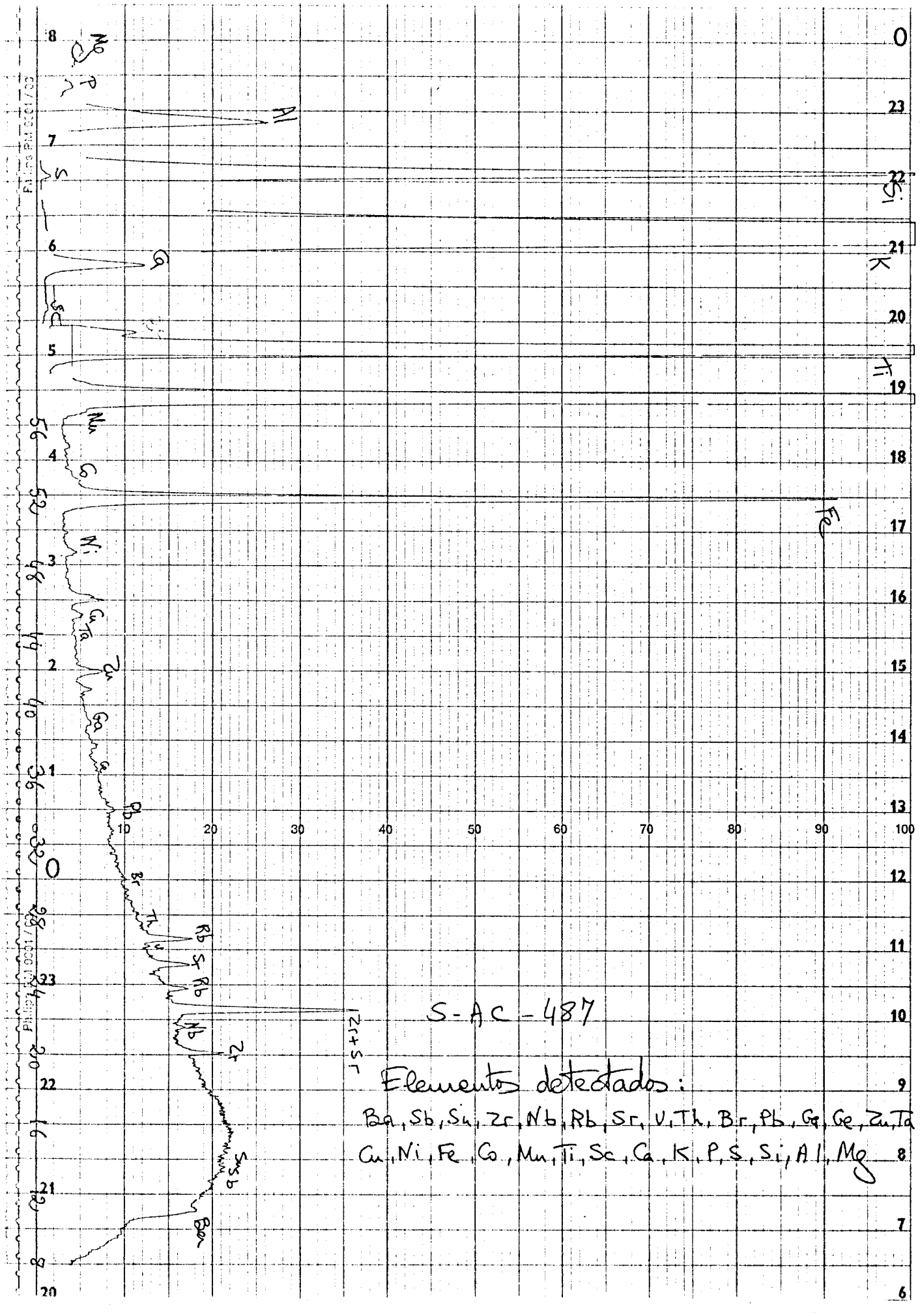
Fe, Co, Mn, Ti, Sc, Ca, K, P, Si, Al, Mg


S-AC-485
Elementos detectados:
Cs, Ba, Te, Sb, Zr, Nb, Sr, Rb, Th, Pb, Ge, Au, Ga, Zn
Ta, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg



S-AC-486

Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Ta, Cu, Ni, Fe, Co, Ti, Sc, Ca, K, Si, Al, Mg

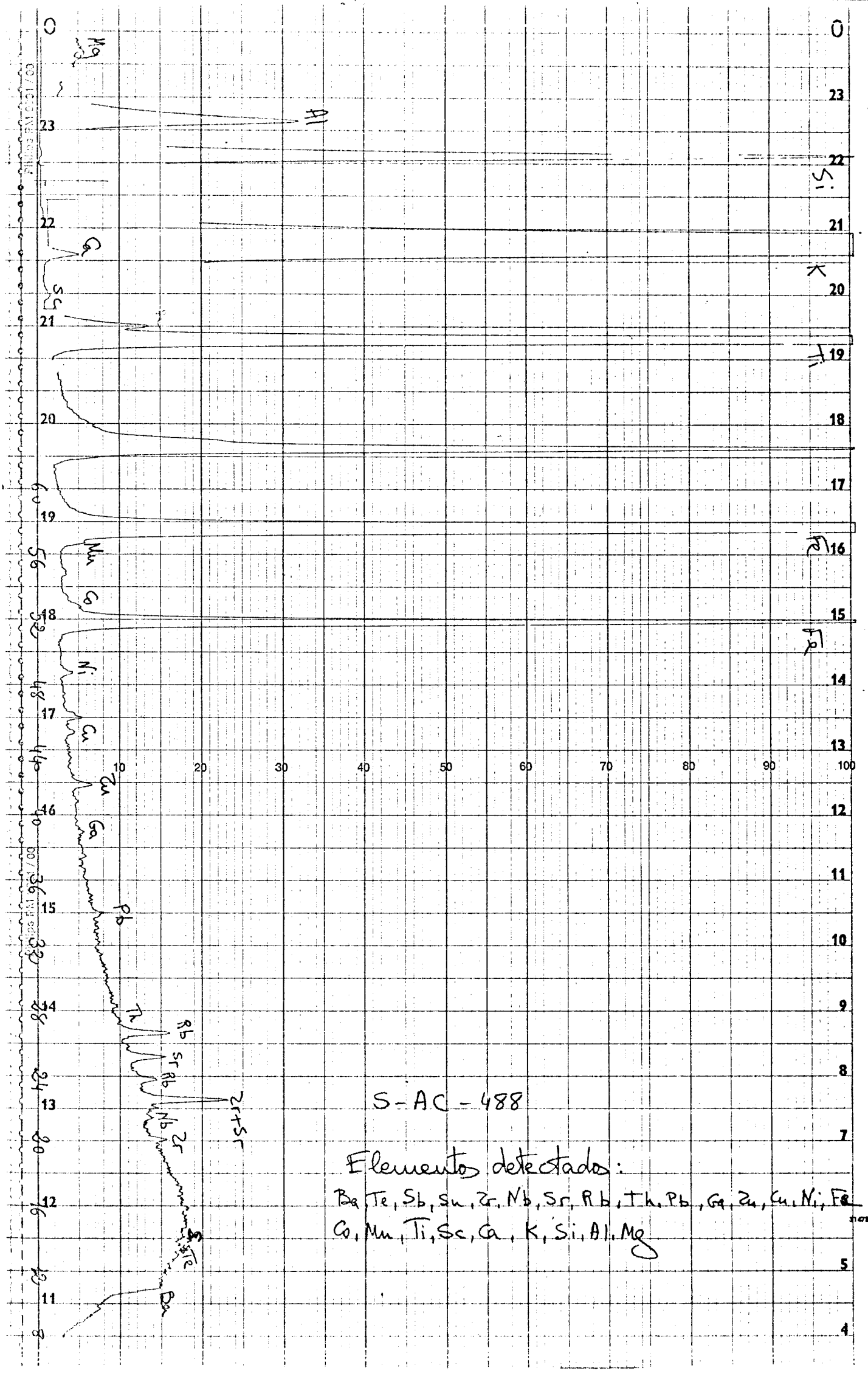


S-AC-487

Elementos detectados:

Ba, Sb, Sn, Zr, Nb, Rb, Sr, V, Th, Br, Pb, Ga, Ge, Zn, Ta

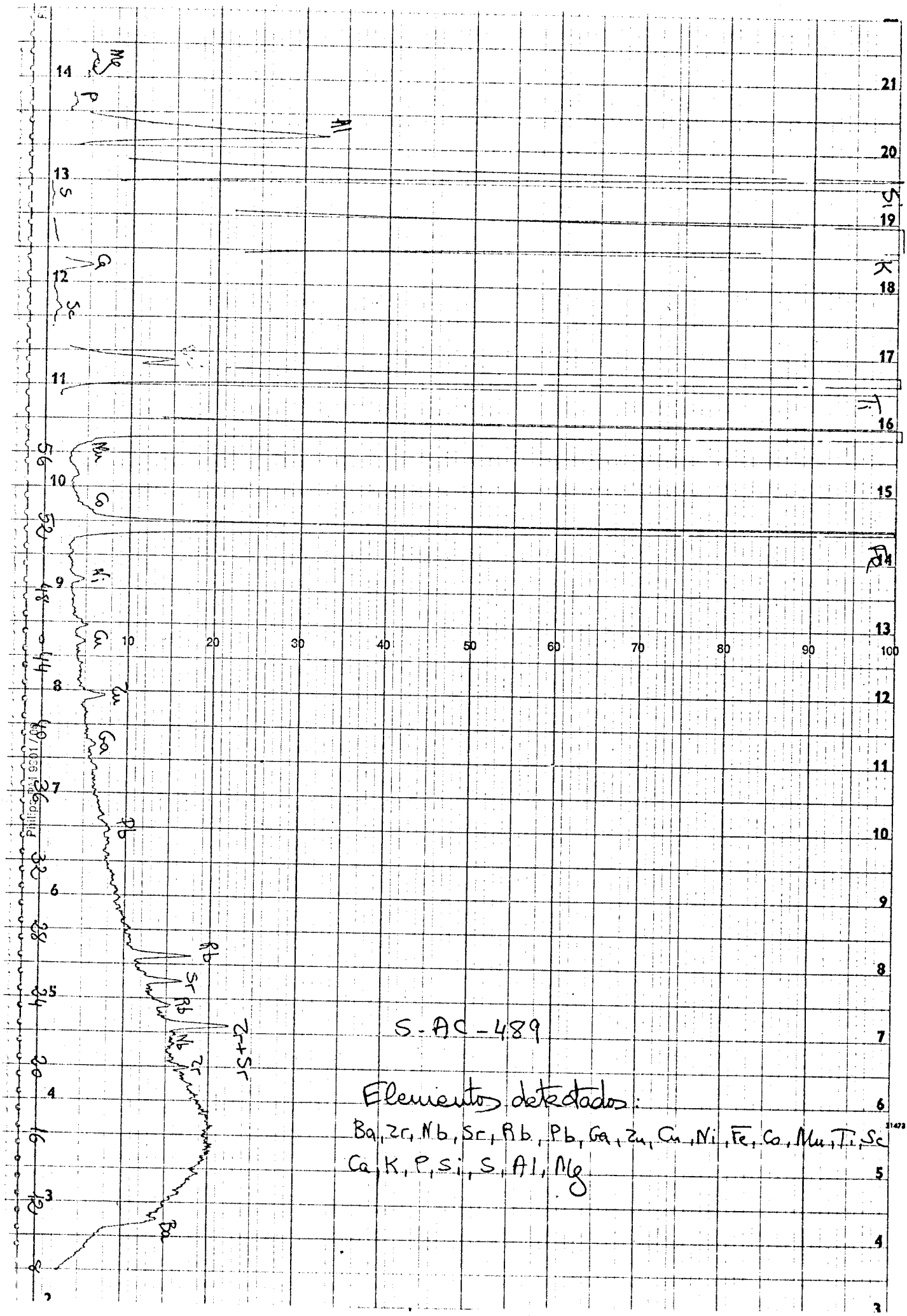
Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg



S-AC-488

Elementos detectados:

Ba, Te, Sb, Sn, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, Si, Al, Mg

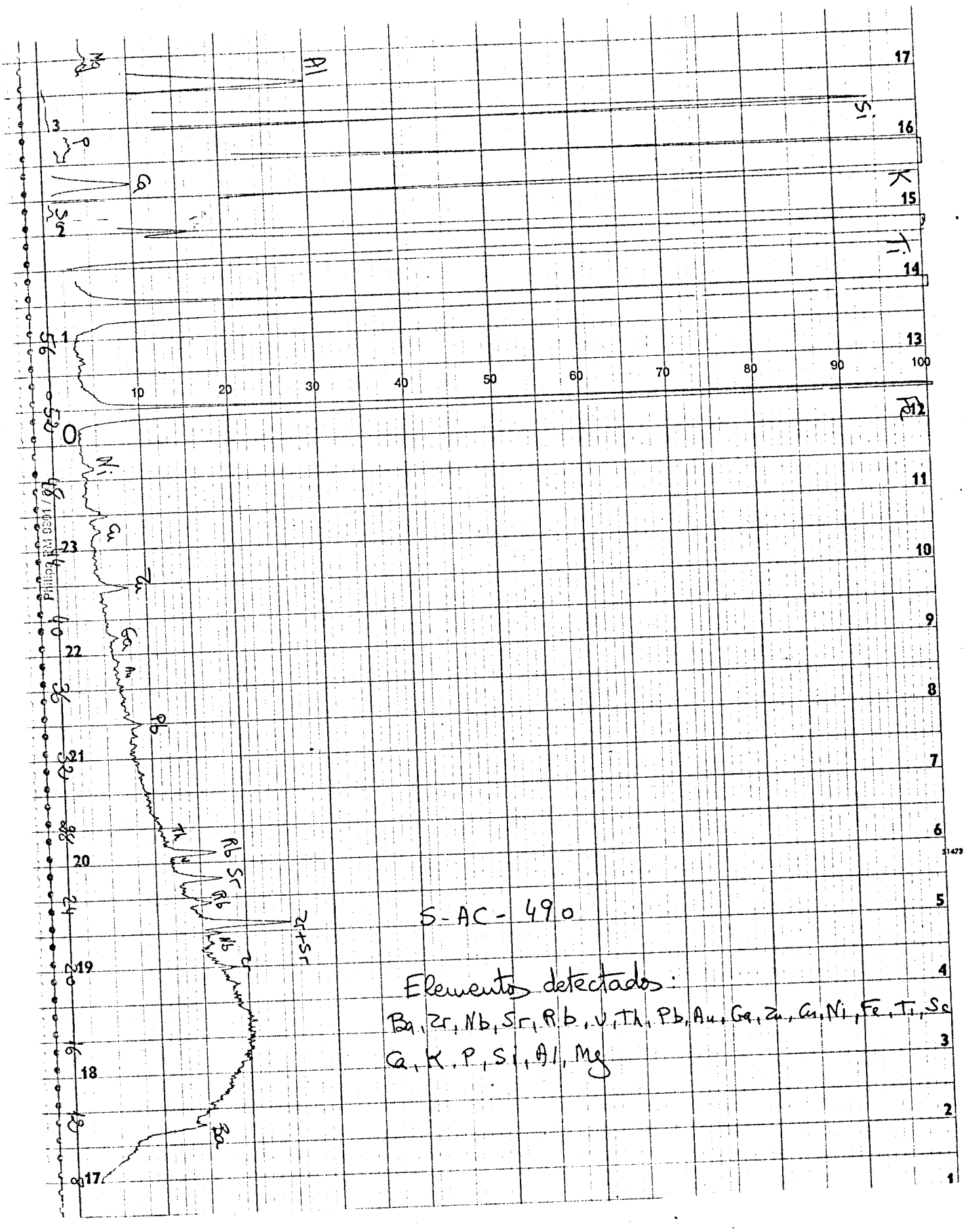


S-AC-489

Elementos detectados:

Ba, Zr, Nb, Sc, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc

Ca, K, P, Si, S, Al, Mg

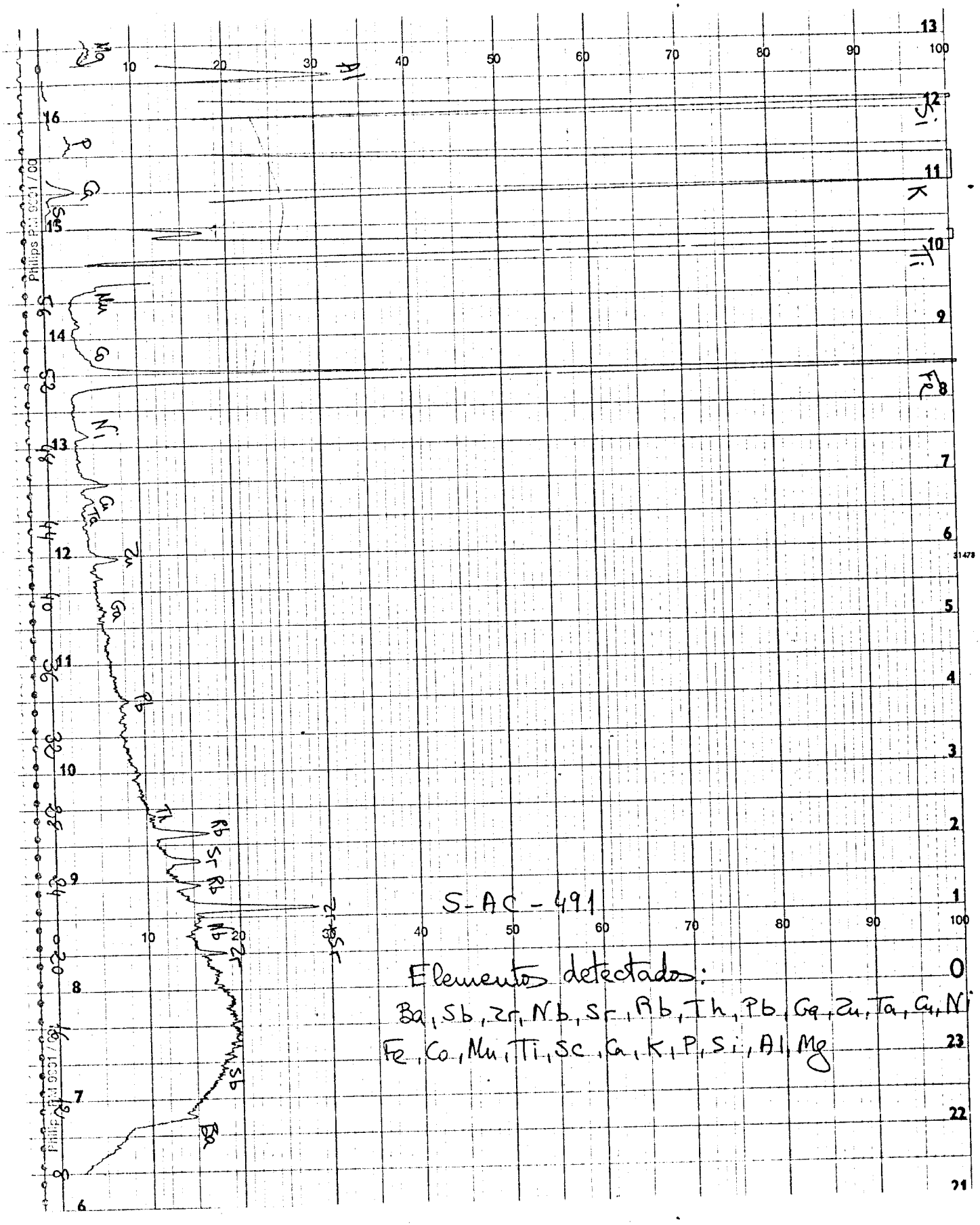


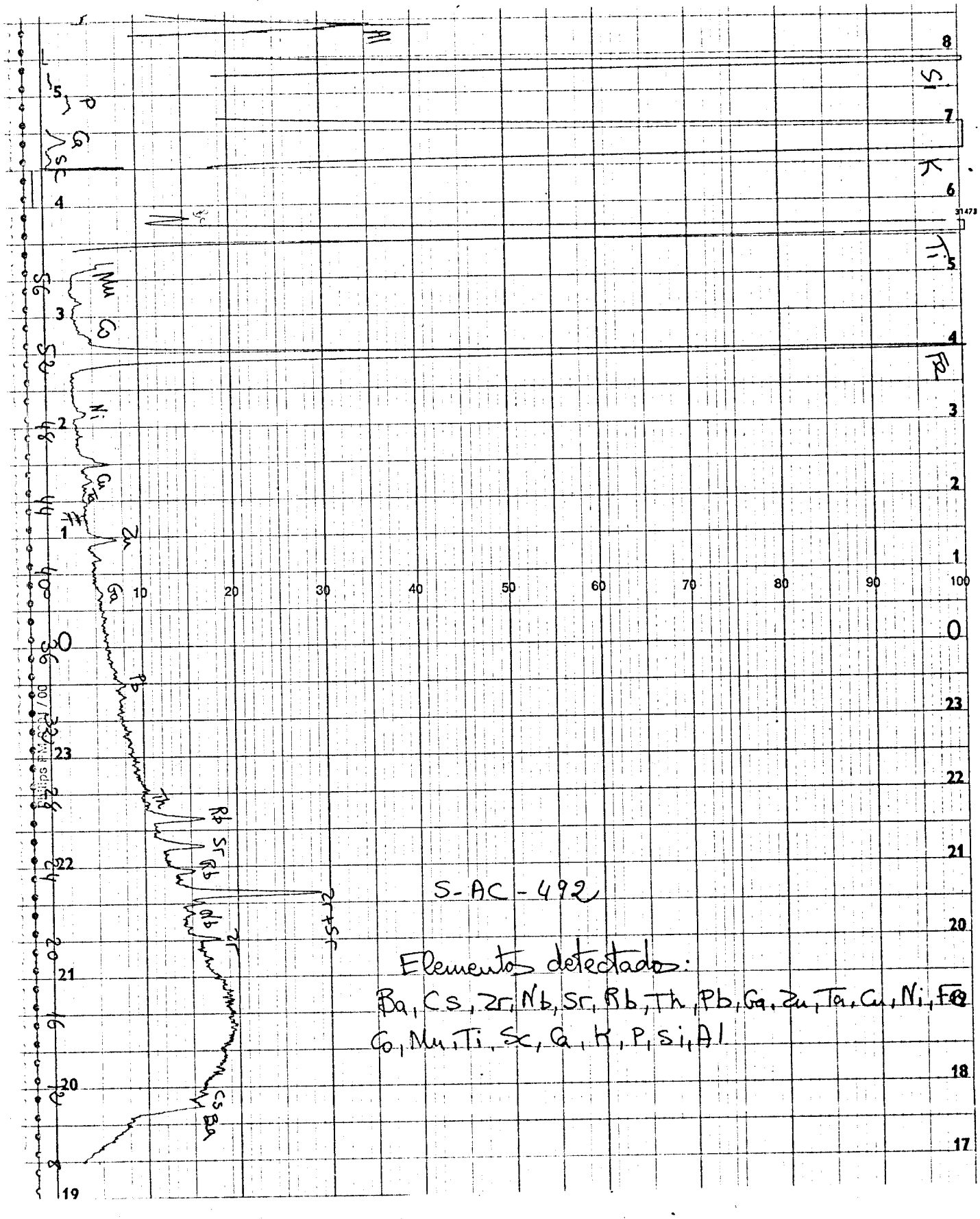
S-AC-490

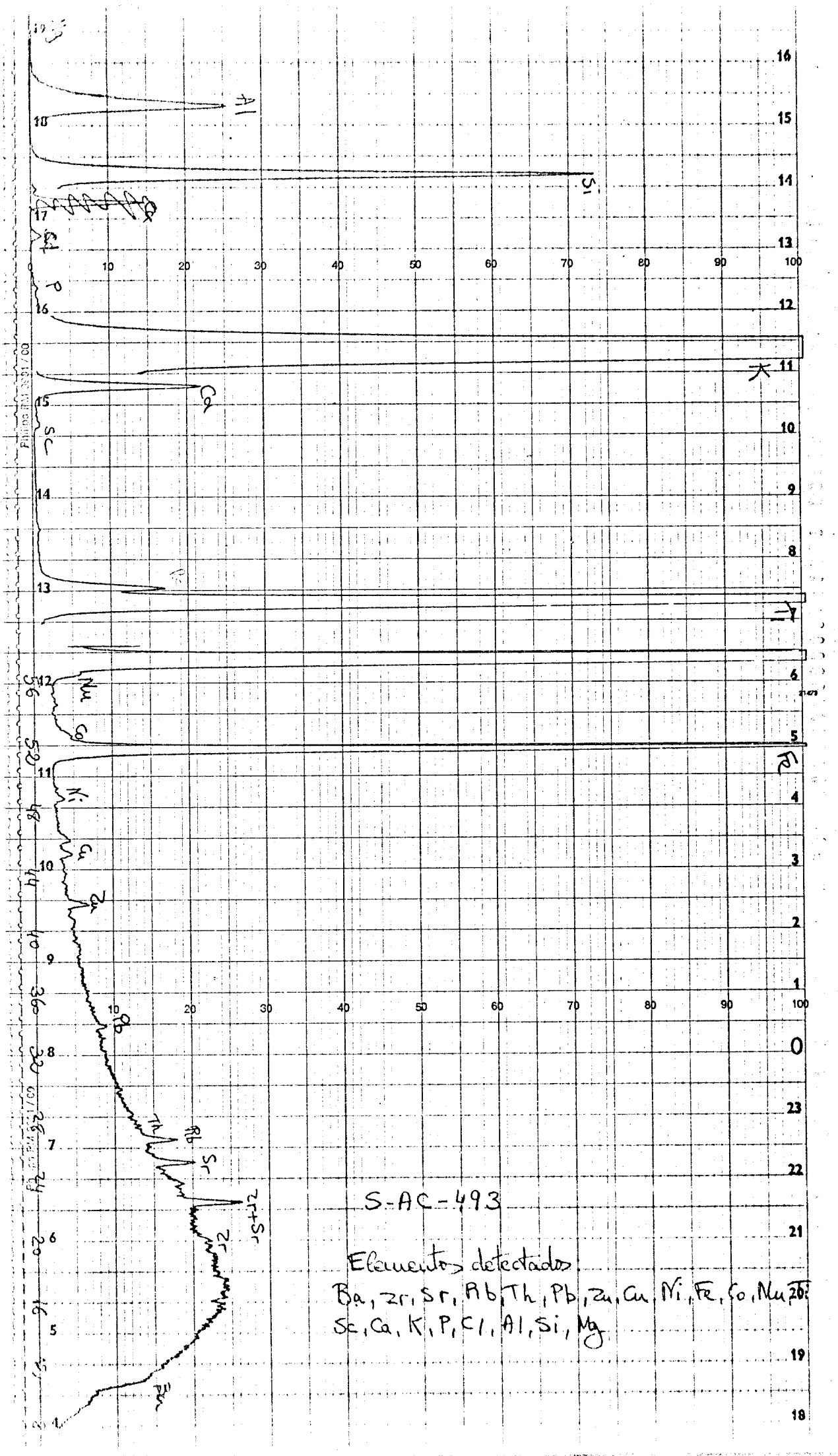
Elementos detectados:

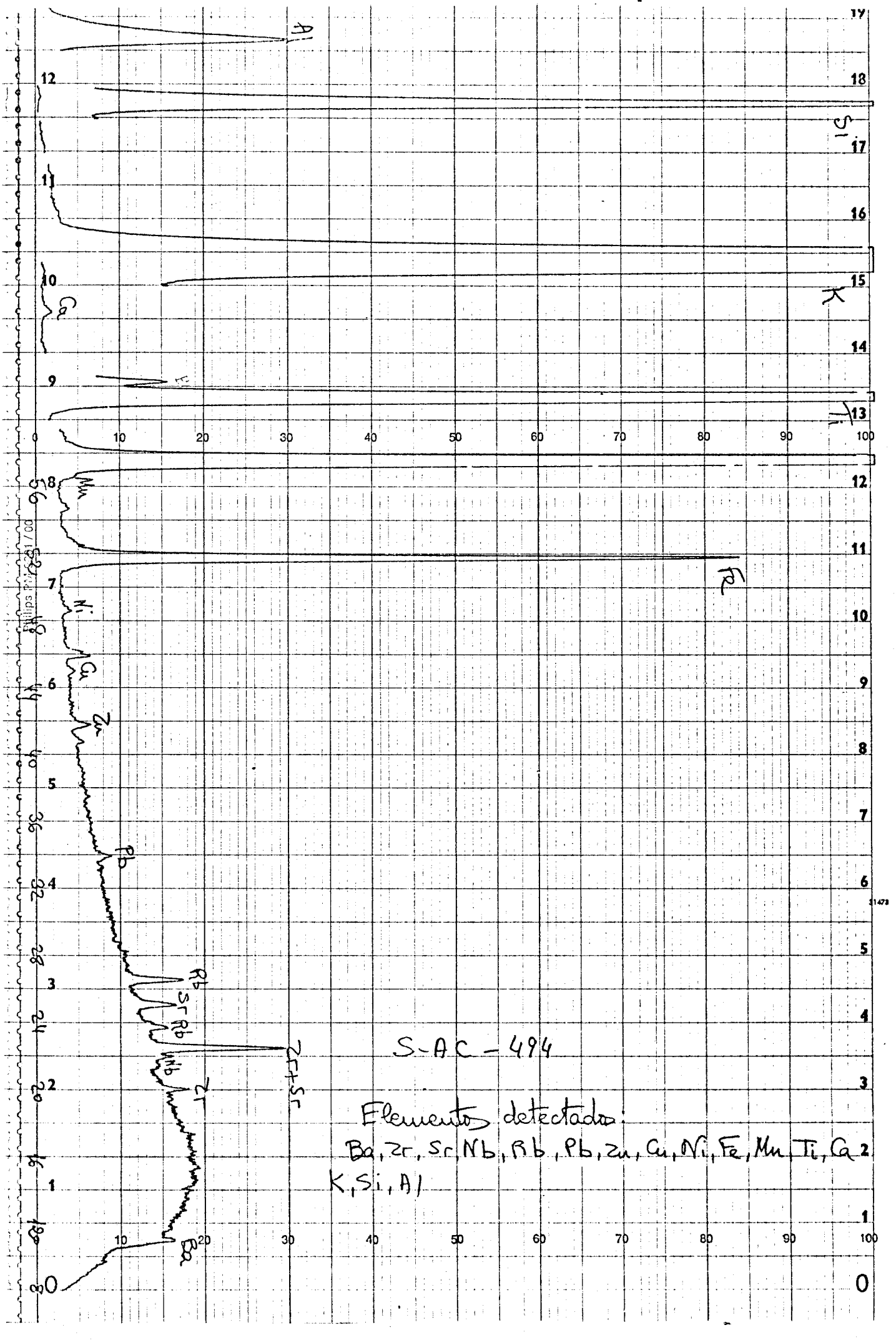
Ba, Zr, Nb, Sr, Rb, V, Th, Pb, Au, Ga, Zn, Cu, Ni, Fe, Ti, Sc

Ca, K, P, Si, Al, Mg


S-AC-491
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Ta, Cu, Ni
Fe, Co, Mn, Ti, Sc, Ca, K, P, Si, Al, Mg


S-AC-492
Elementos detectados:
Ba, Cs, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Ta, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, Si, Al


Al
Si
Ca
Sc
Mn
Co
Fe
Ni
Cu
Zn
Pb
Th
Rb
Sr
Zr+Sr
Zr
Ba
S-AC-493
Elementos detectados:
Ba, Zr, Sr, Rb, Th, Pb, Zn, Cu, Ni, Fe, Co, Mn, Ti
Sc, Ca, K, P, Cl, Al, Si, Mg

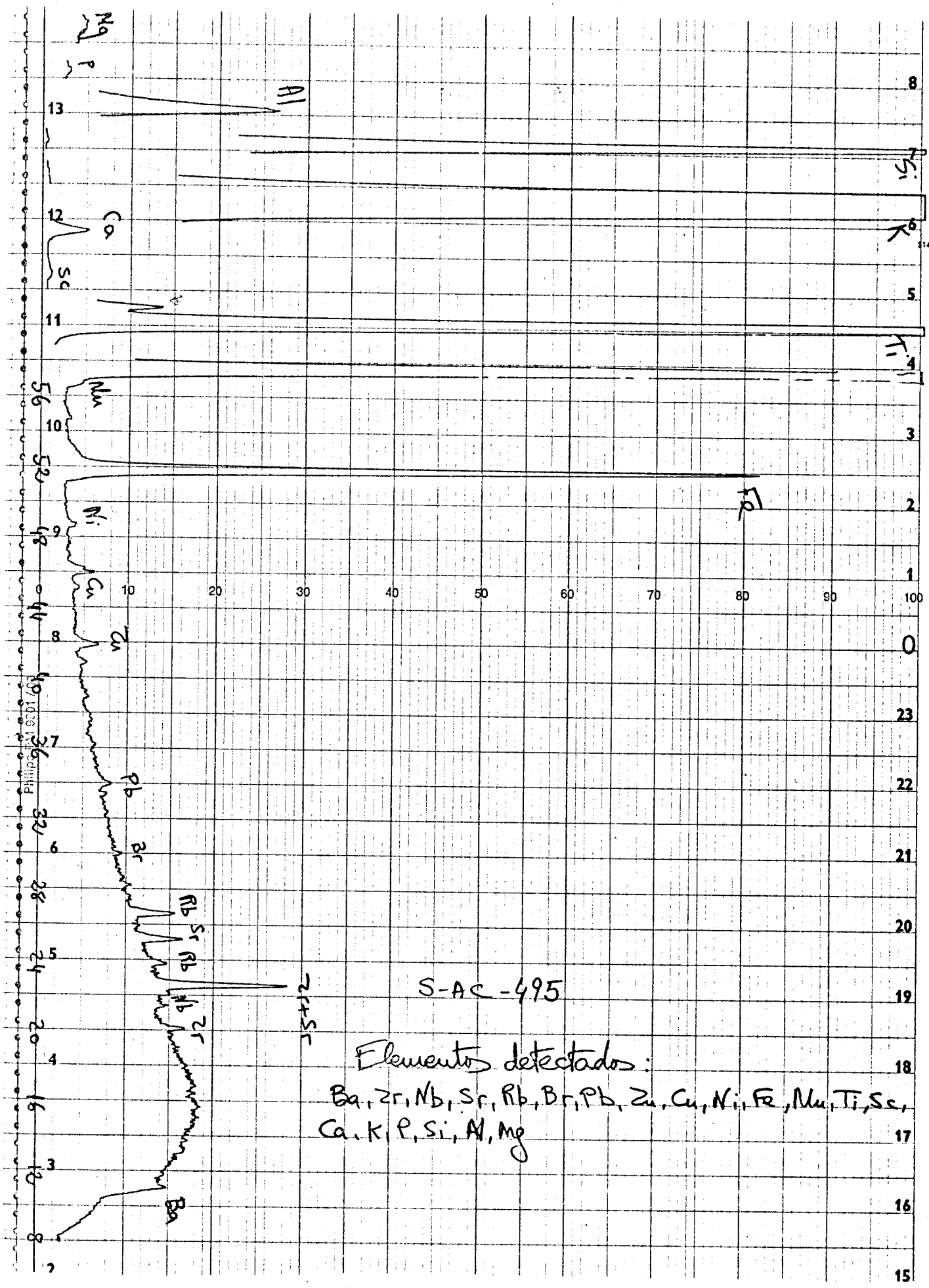


S-AC-494

Elementos detectados:

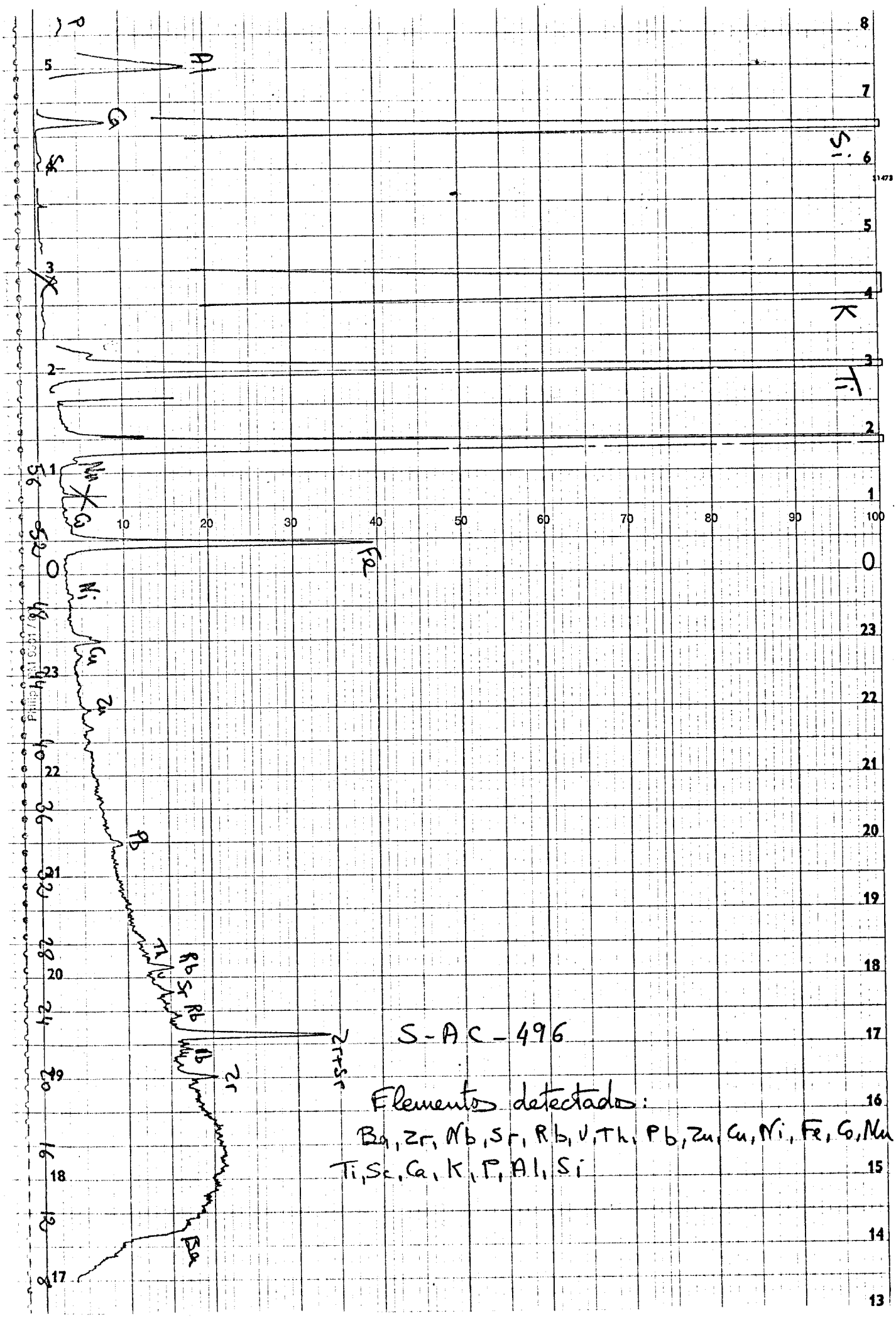
Ba, Zr, Sr, Nb, Rb, Pb, Zn, Cu, Ni, Fe, Mn, Ti, Ca

K, Si, Al



Elementos detectados:

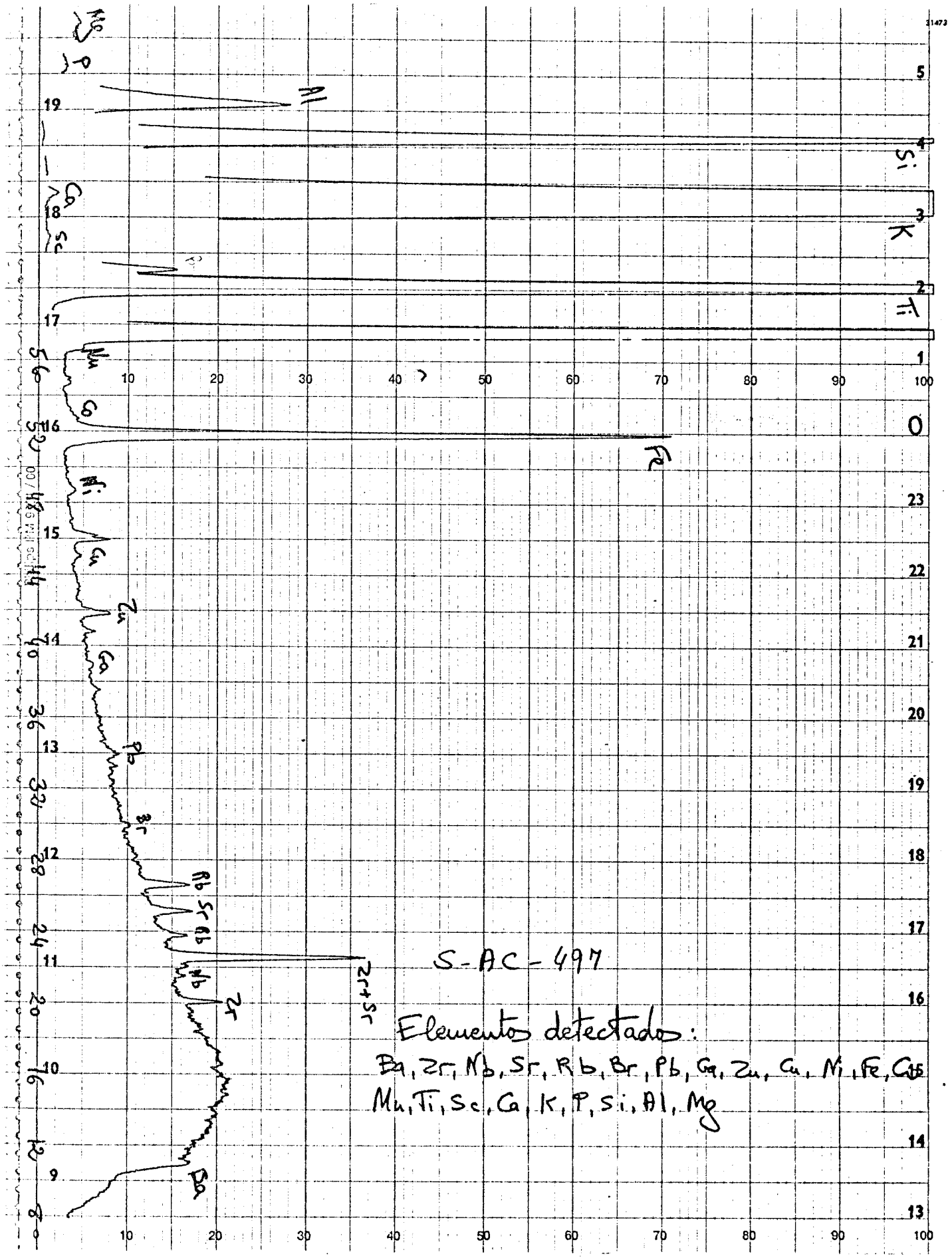
Ba, Zr, Nb, Sr, Rb, Br, Pb, Zn, Cu, Ni, Fe, Mn, Ti, Sc, Ca, K, P, Si, Al, Mg



S-AC-496

Elementos detectados:

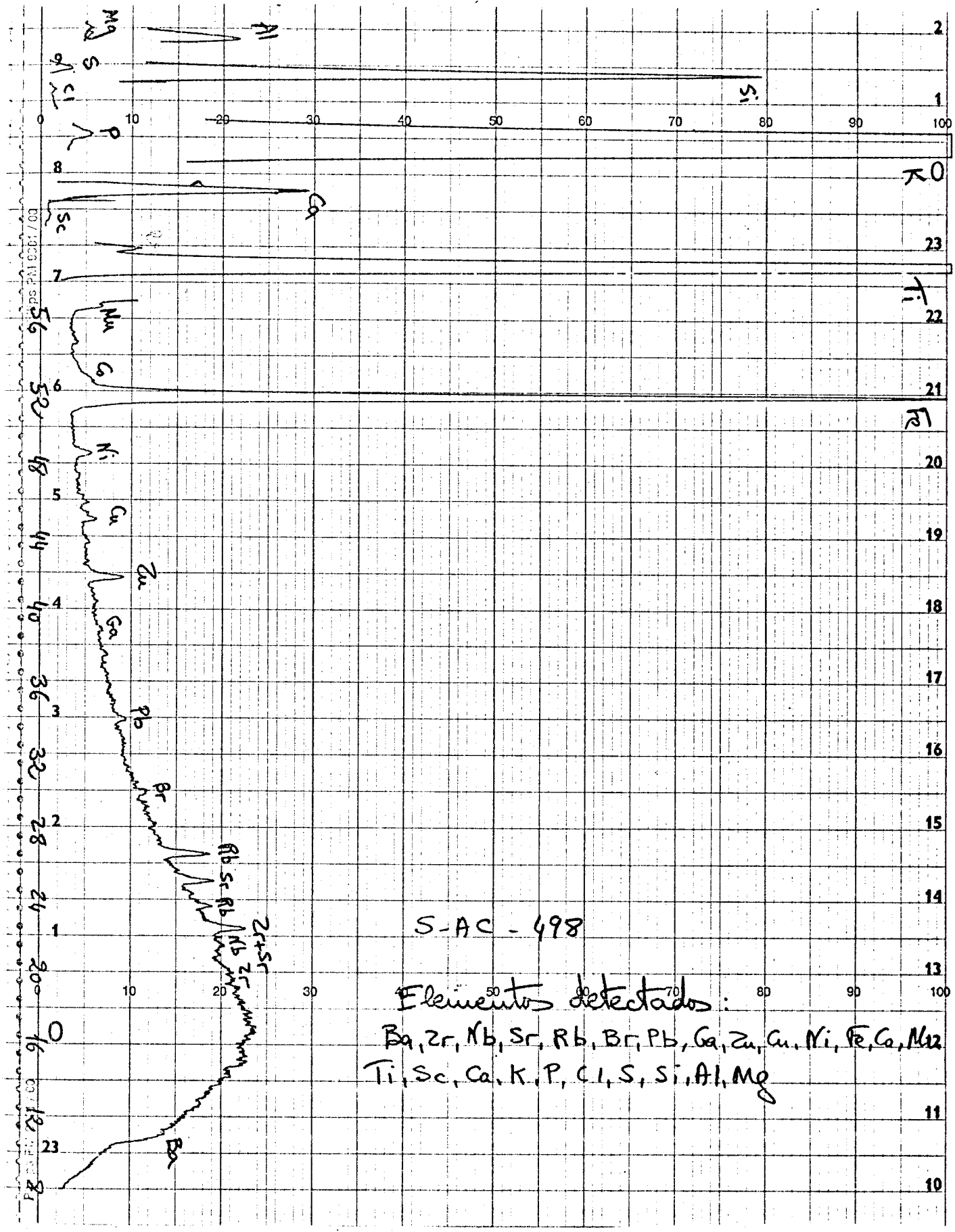
Ba, Zr, Nb, Sr, Rb, V, Th, Pb, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, Al, Si

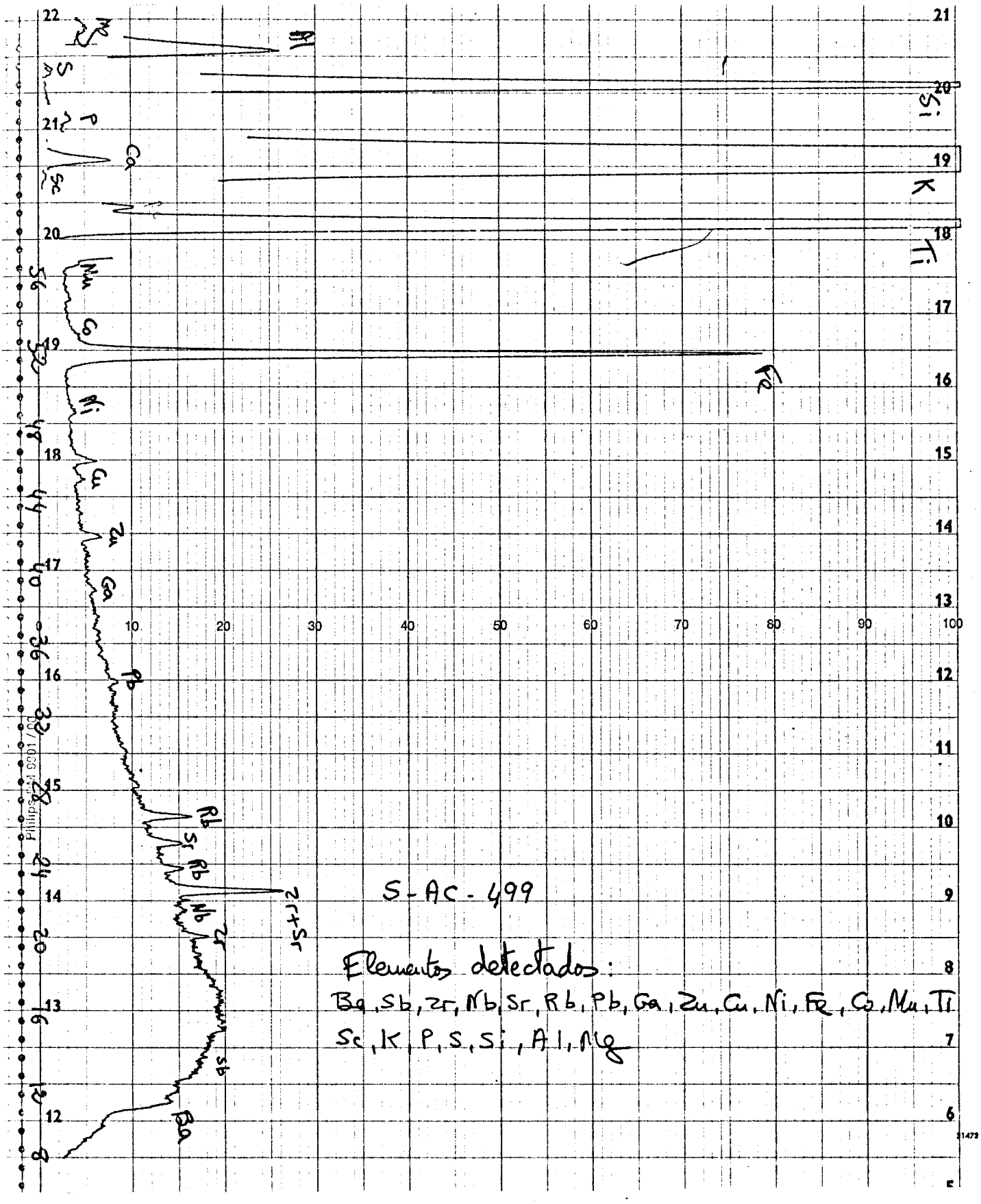


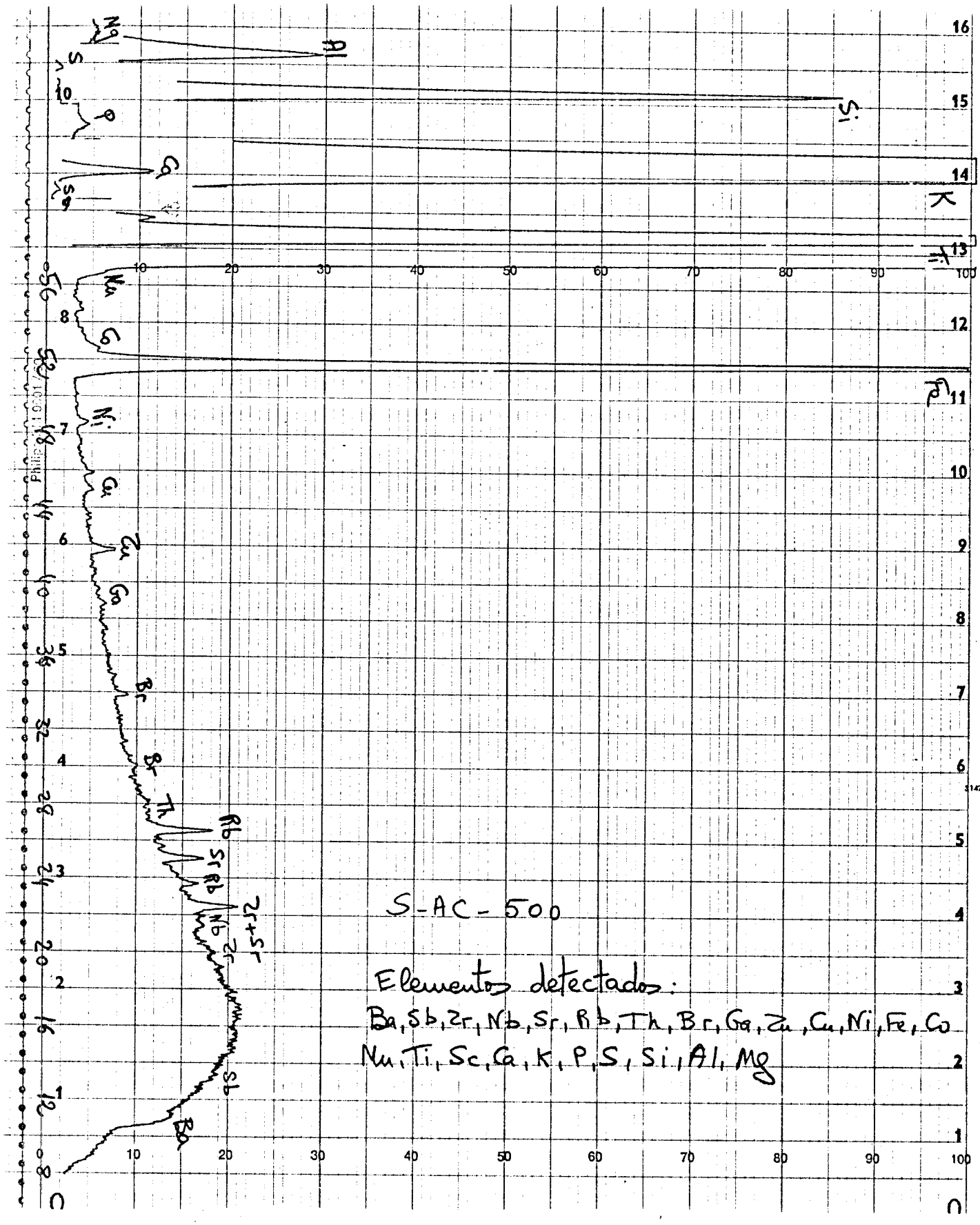
S-AC-497

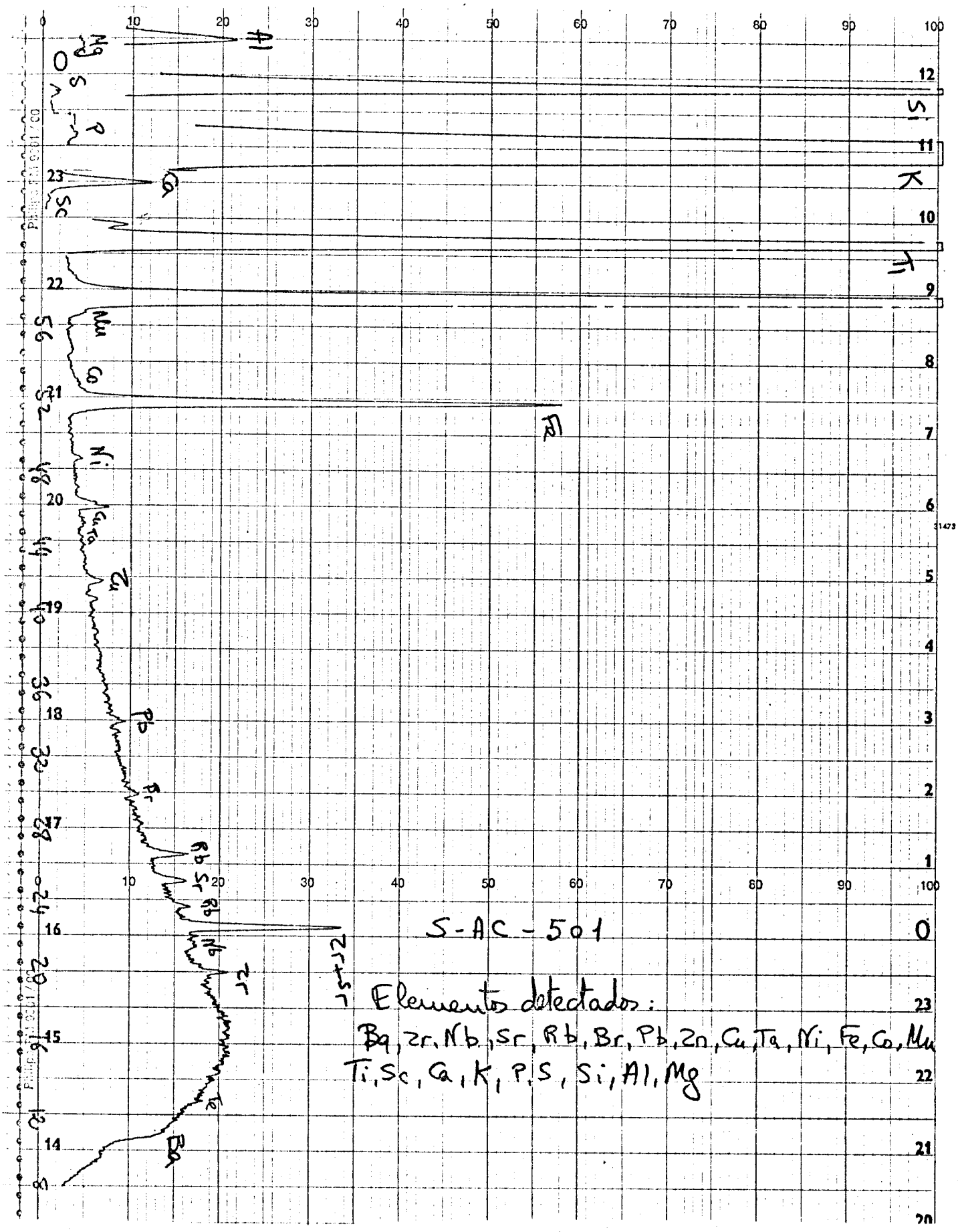
Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, Si, Al, Mg


Mg
Al
S
Cl
Si
P
K
Ca
Sc
Ti
Mn
Co
Fe
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr
Nb
Zr+Sr
Zr
Ba
S-AC - 498
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, Cl, S, Si, Al, Mg

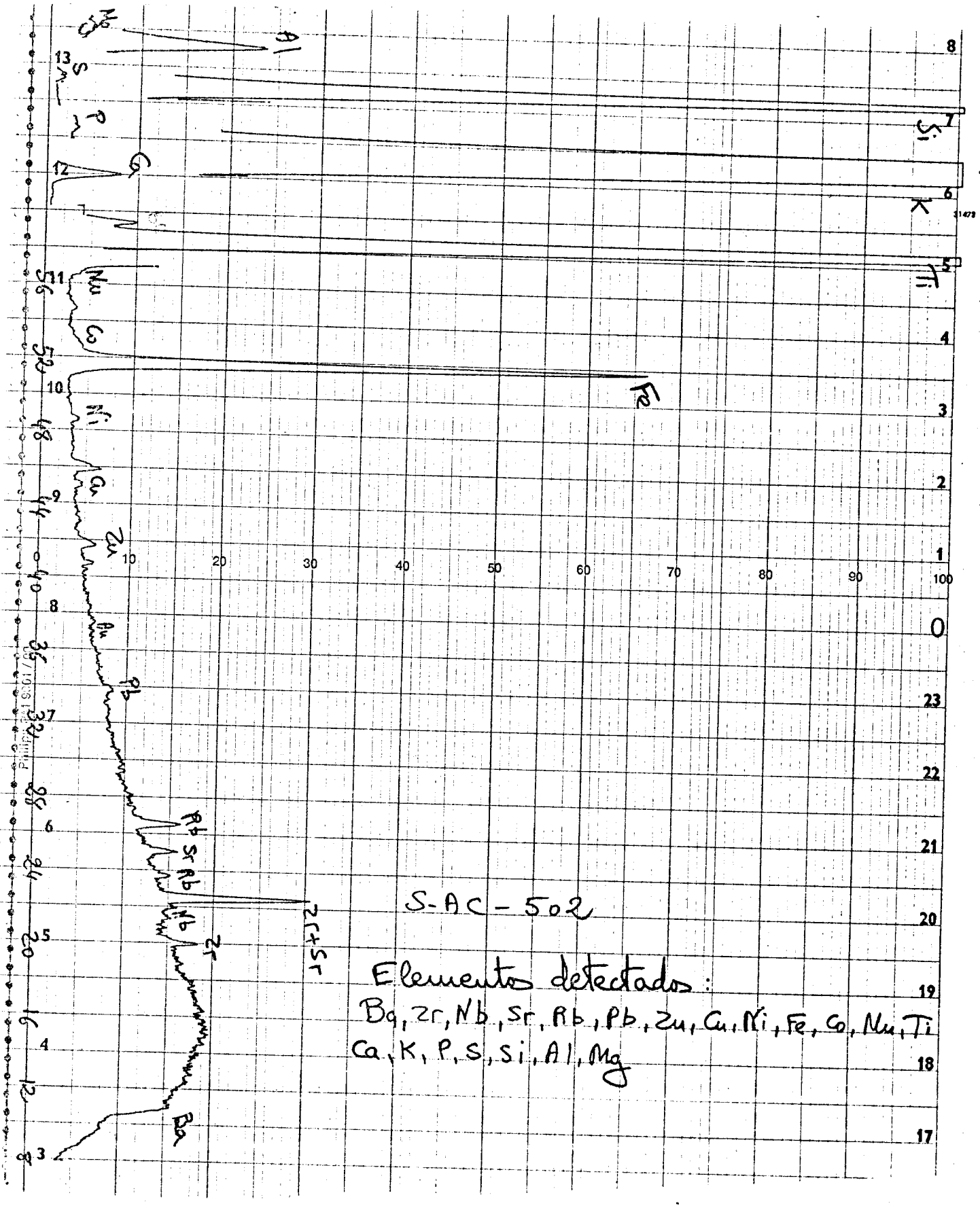

S-AC-499
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti
Sc, K, P, S, Si, Al, Mg
Al
Si
K
Ti
Fe
Mn
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Zr+Sr
Nb
Zr
Sb
Ba
Ca
Sc
P
S
Mg
0
10
20
30
40
50
60
70
80
90
100

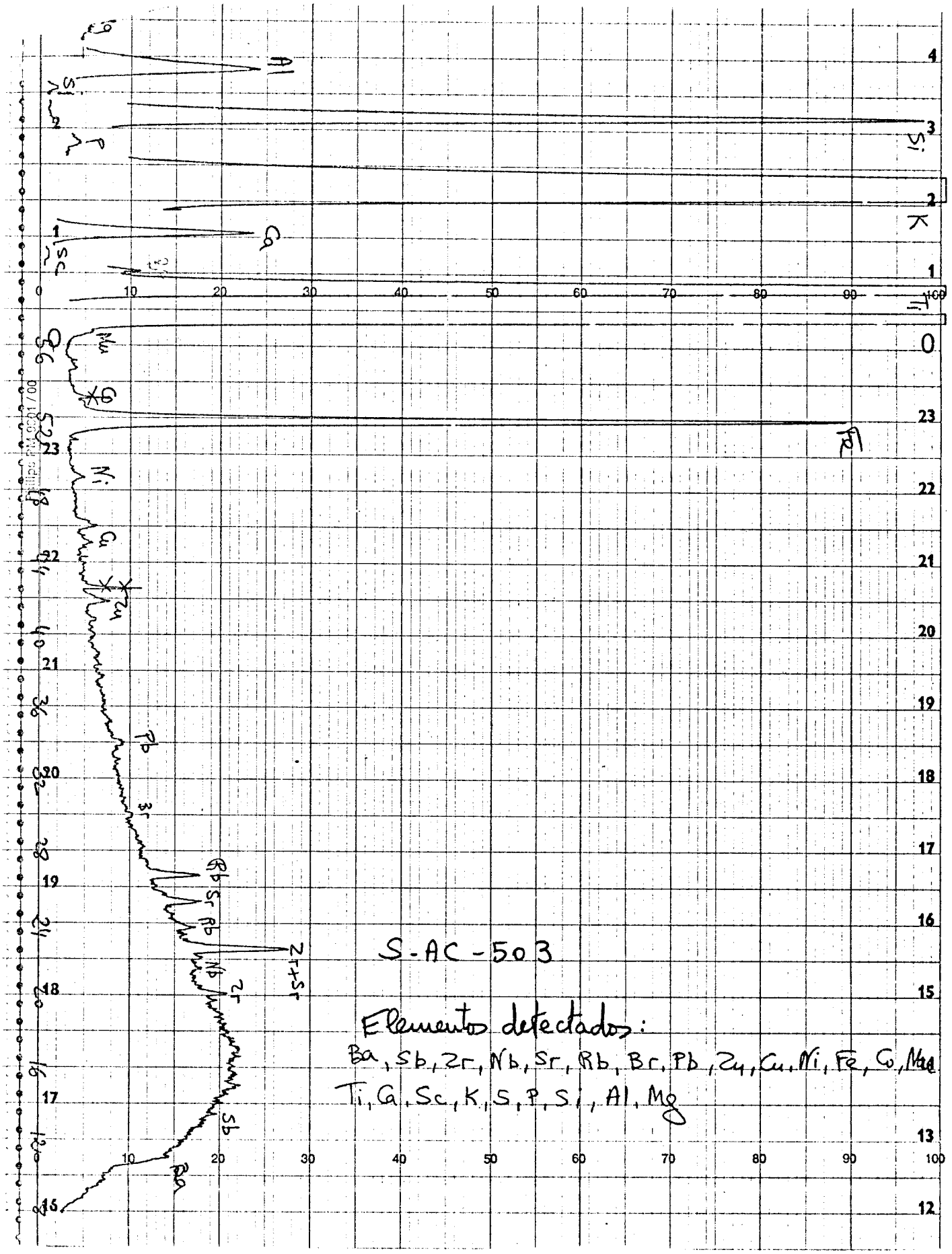

Mg
Al
Si
P
S
Cl
K
Ca
Ti
Sc
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
Br
Br
Th
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Sb
Ba
S-AC-500
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Th, Br, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

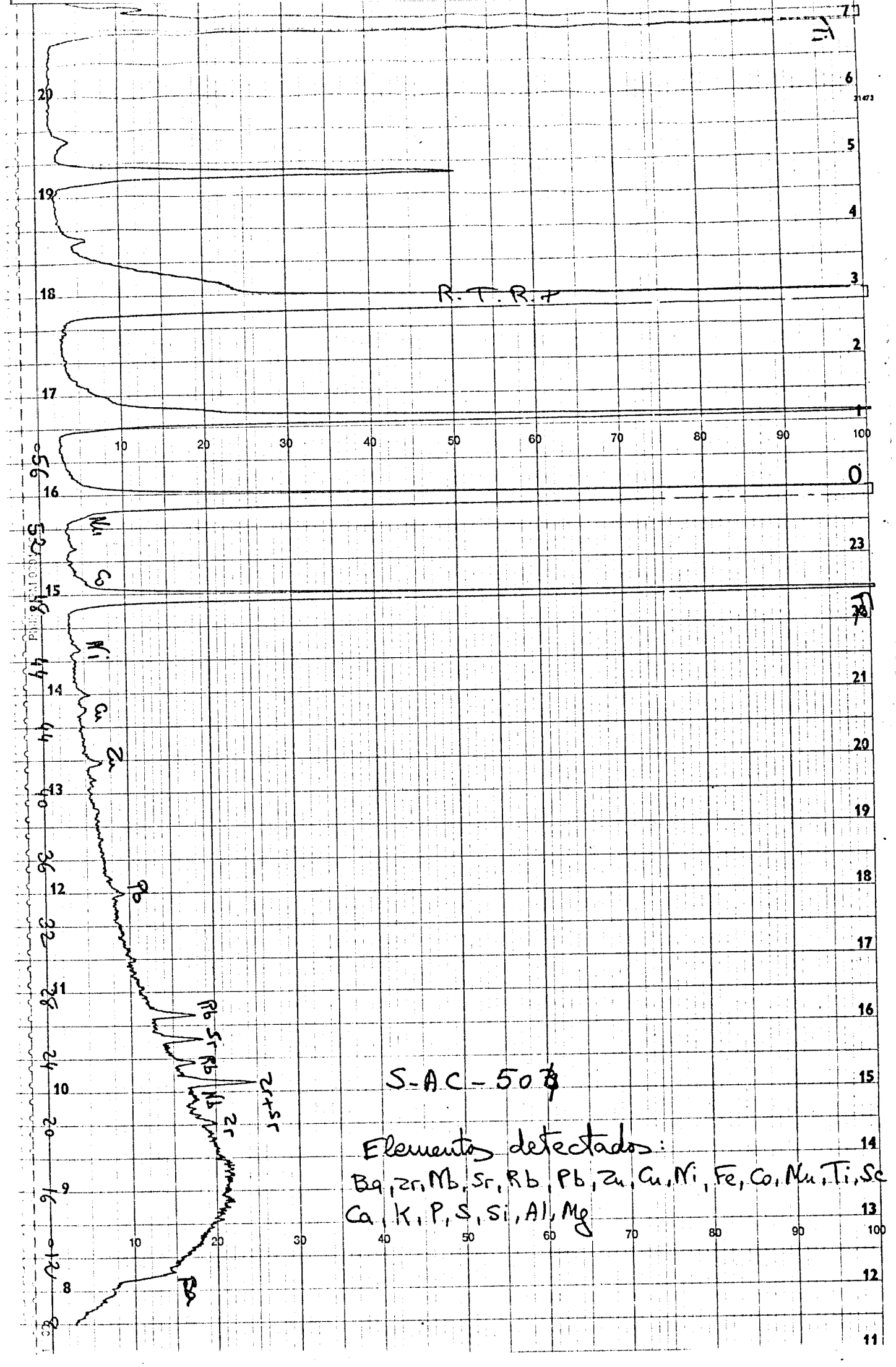


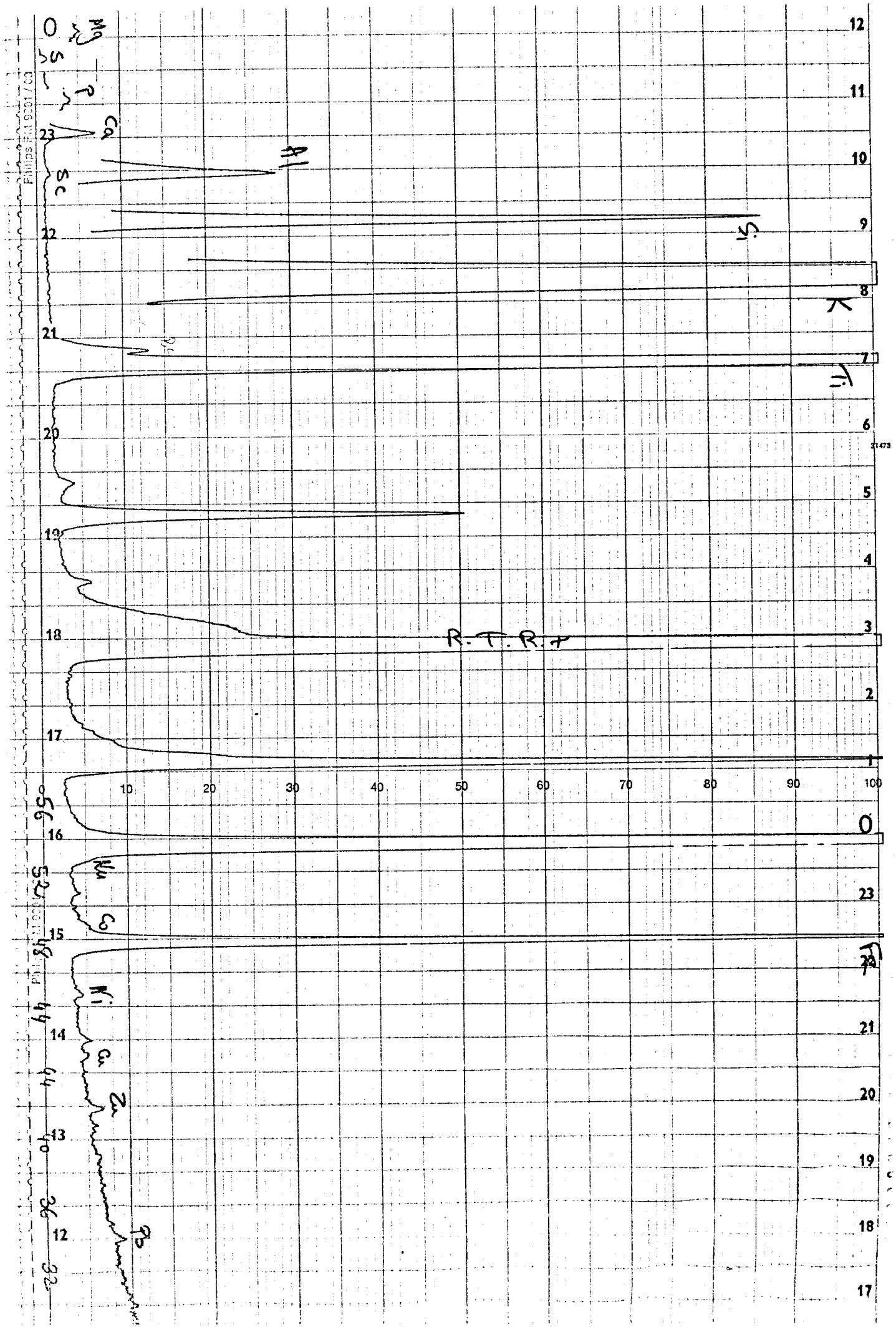
S-AC-501

Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Br, Pb, Zn, Cu, Ta, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, S, Si, Al, Mg

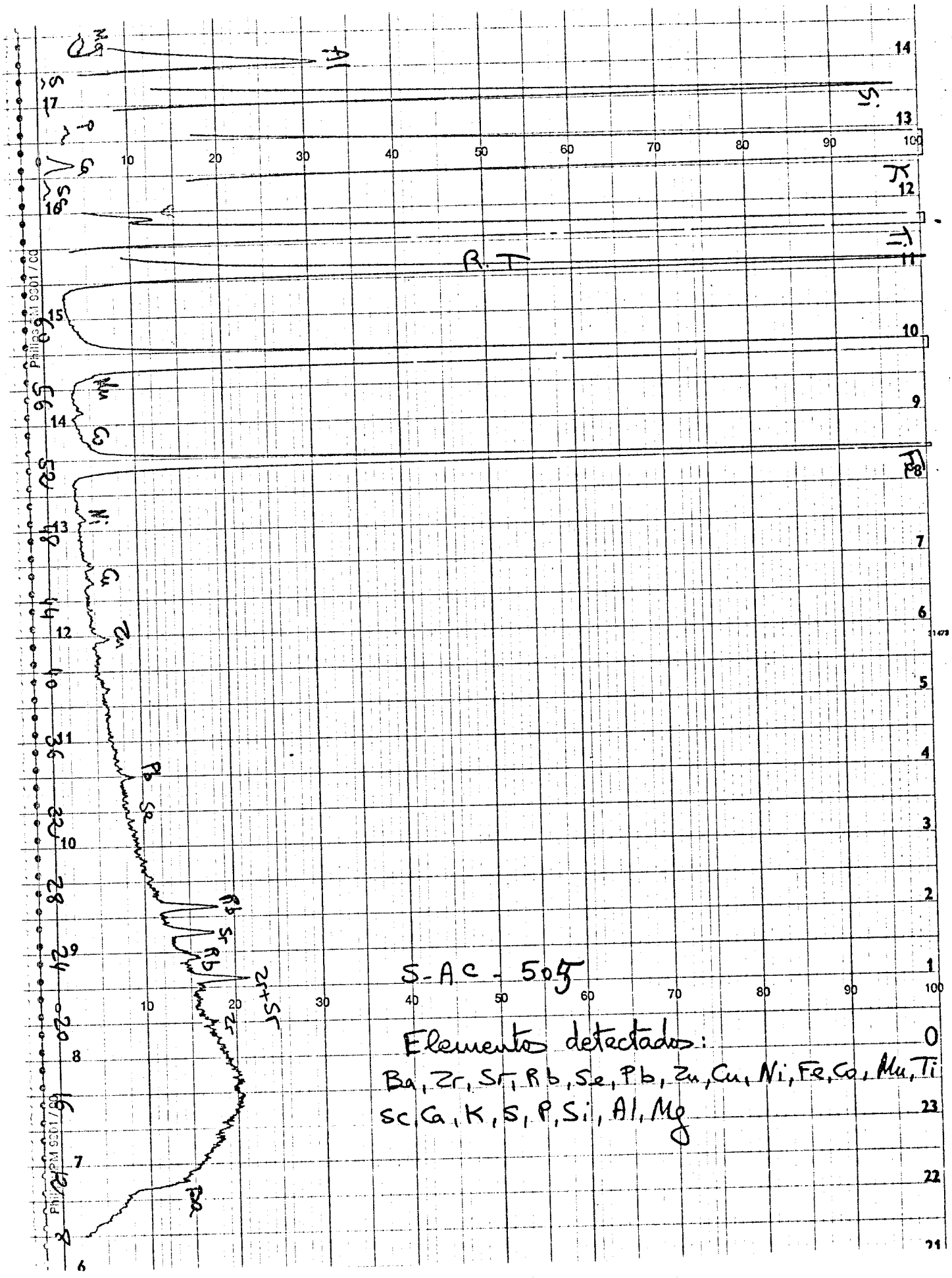

Mg
Al
S
P
Cl
Si
K
Ti
Mn
Co
Fe
Ni
Cu
Zn
As
Pb
Pb Sr Rb
Nb
Zr
Zr+Sr
Ba
S-AC-502
Elementos detectados:
Bq, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Co, Mn, Ti
Ca, K, P, S, Si, Al, Mg

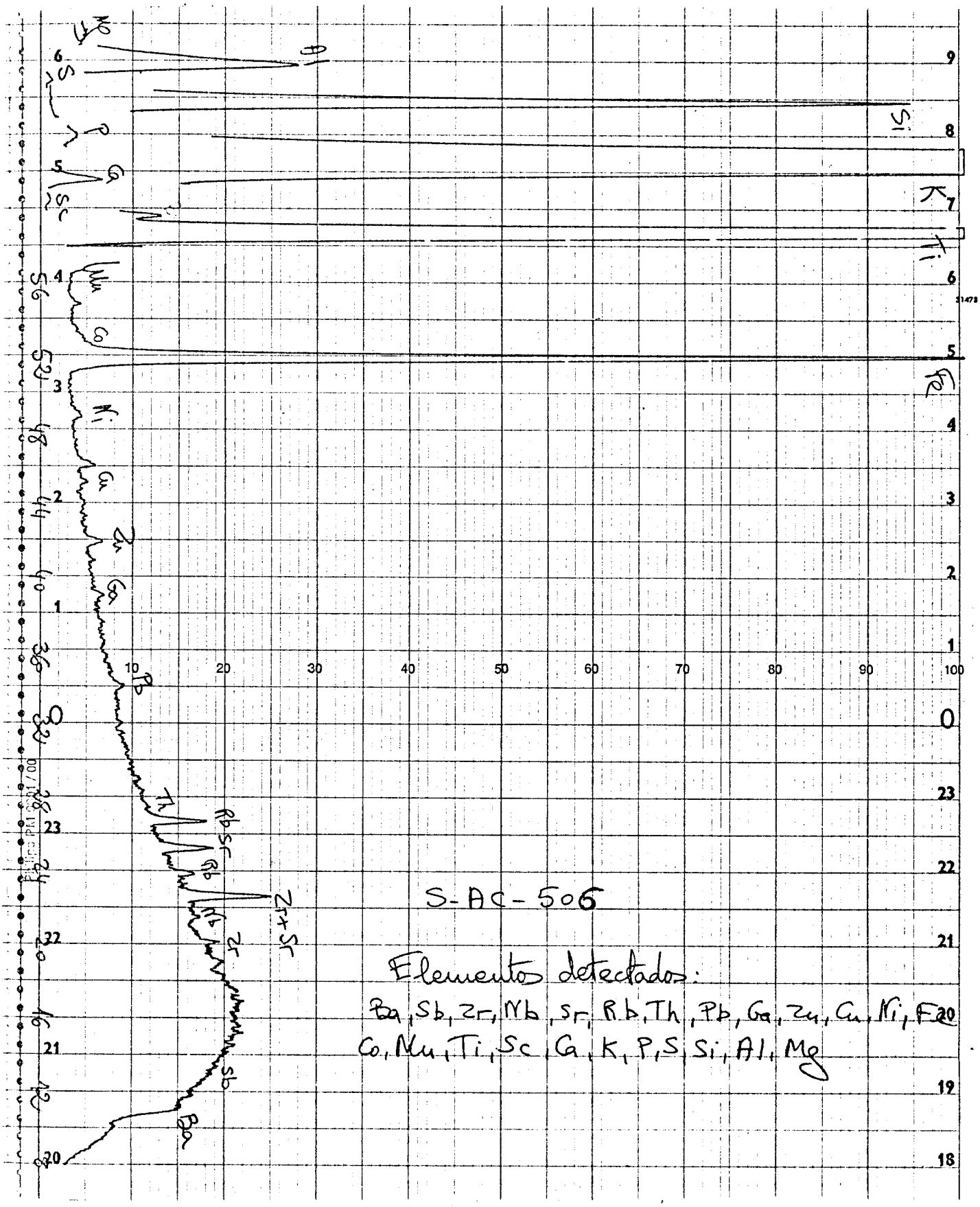

S-AC-503
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Br, Pb, Zn, Cu, Ni, Fe, Co, Mn
Ti, Ca, Sc, K, S, P, Si, Al, Mg


Ti
R.T.R.P
Ni
Co
Ni
Cu
Zn
Pb
Pb Sr Rb
Nb
Zr
Zr+Sr
Ba
S-AC-507
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc
Ca, K, P, S, Si, Al, Mg



Mg
O
S
P
Ca
Sc
Al
Si
K
Ti
R.T.R.+
O
Mn
Co
Ni
Cu
Zn
Pb
0
10
20
30
40
50
60
70
80
90
100
12
11
10
9
8
7
6
5
4
3
2
1
23
22
21
20
19
18
17
16
15
14
13
12

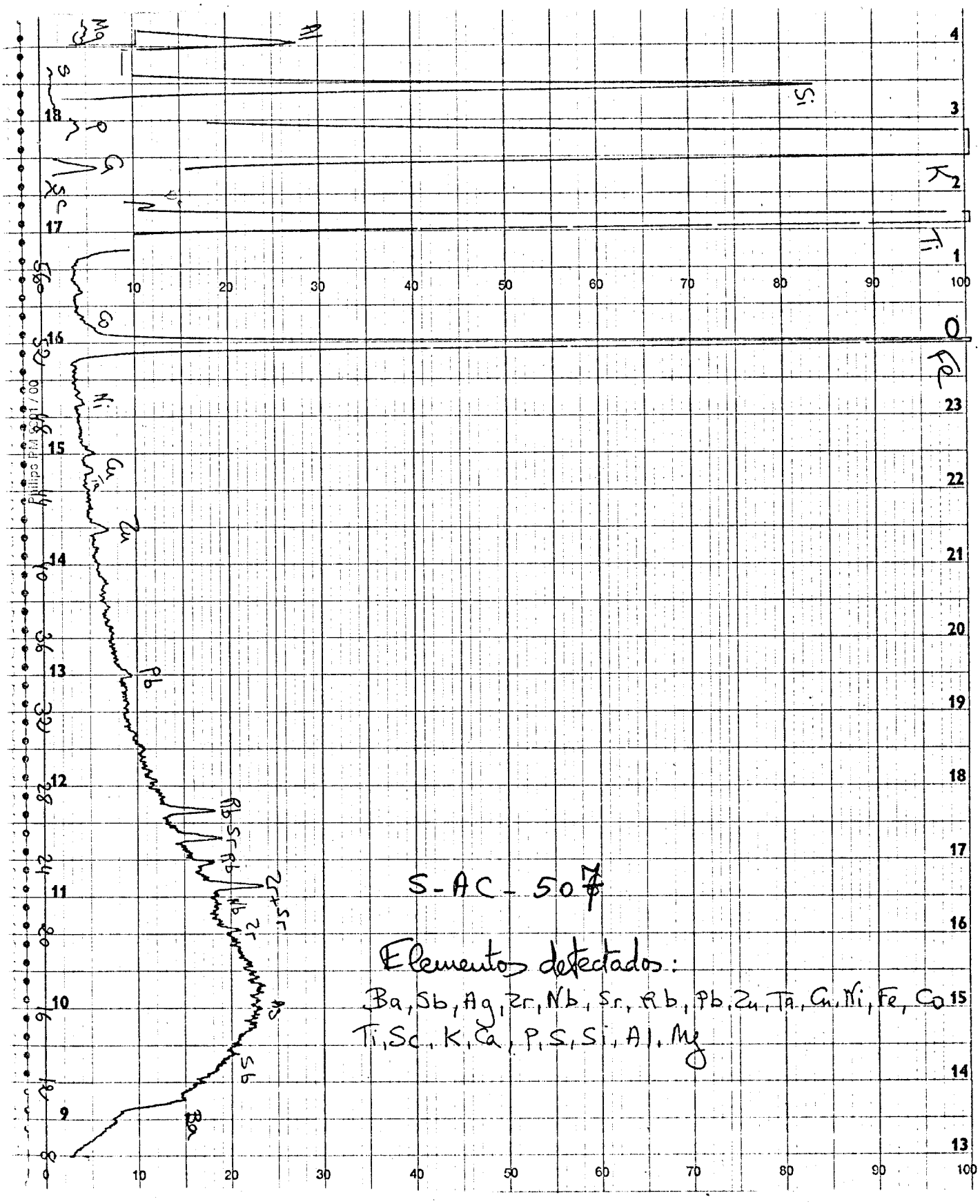

Mg
Al
Si
P
Cl
K
Sc
Ti
R.T
Mn
Co
Fe
Ni
Cu
Zn
Pb
Se
Rb
Sr
Zr+Sr
Zr
Ba
S-AC-505
Elementos detectados:
Ba, Zr, Sr, Rb, Se, Pb, Zn, Cu, Ni, Fe, Co, Mn, Ti
Sc, Ca, K, S, P, Si, Al, Mg



S-AC-506

Elementos detectados:

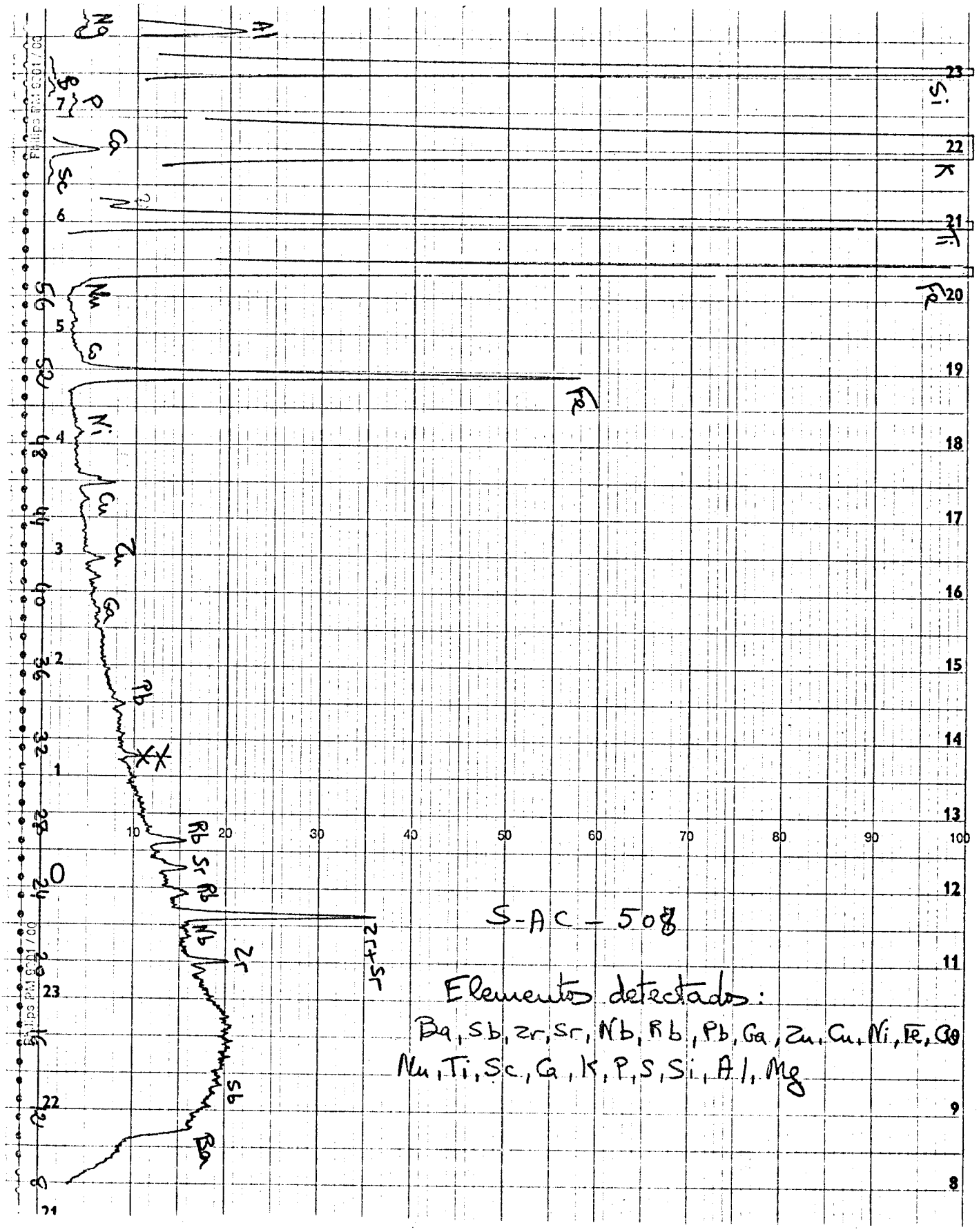
Ba, Sb, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

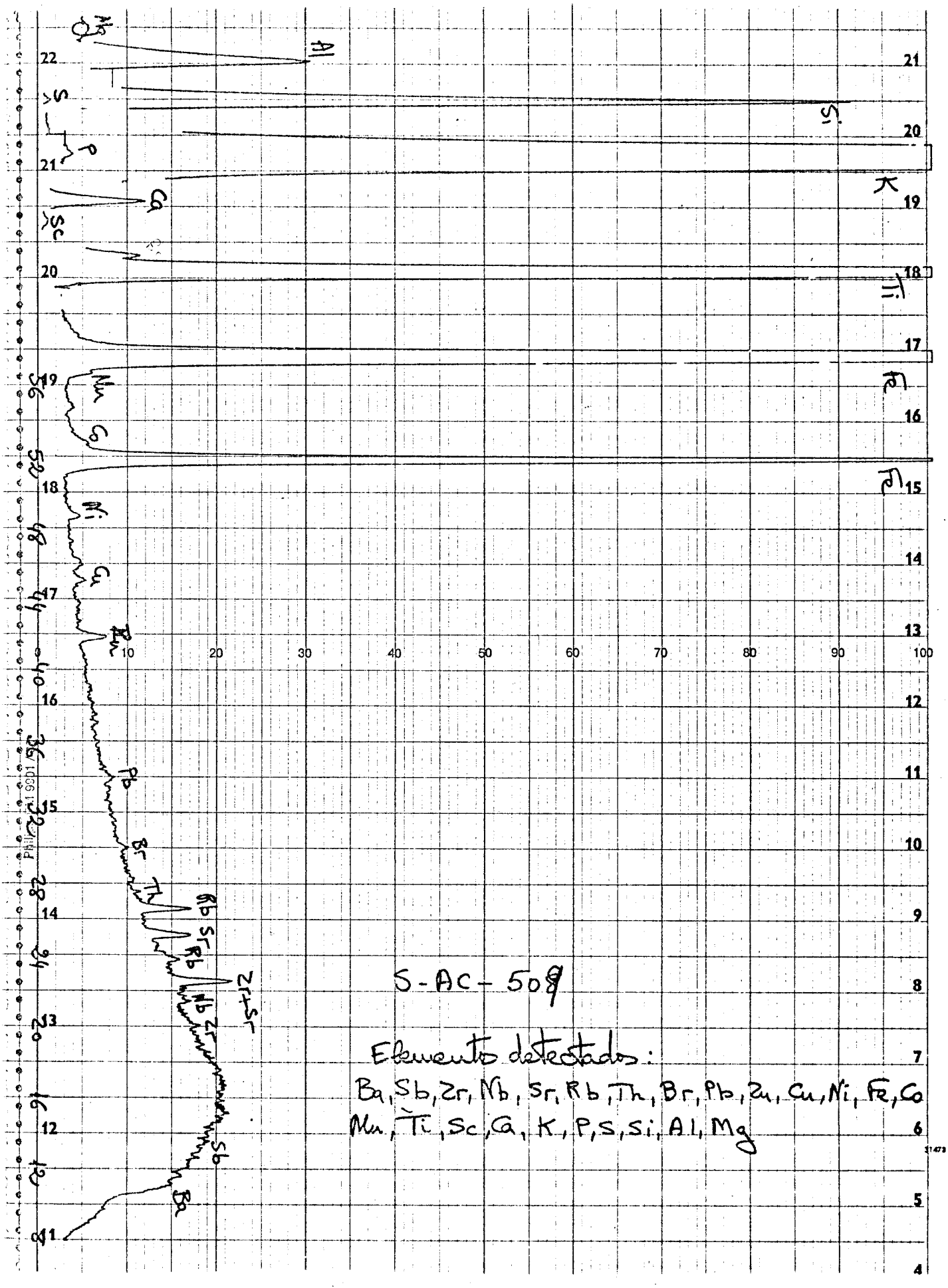


S-AC-50

Elementos detectados:

Ba, Sb, Ag, Zr, Nb, Sr, Rb, Pb, Zn, Ta, Cu, Ni, Fe, Co
Ti, Sc, K, Ca, P, S, Si, Al, Mg


Mg
Al
Si
P
S
Cl
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Rb
Sr
Y
Zr
Nb
Mo
Sb
Ba
Zr+Sr
10
20
30
40
50
60
70
80
90
100
S-AC-508
Elementos detectados:
Ba, Sb, Zr, Sr, Nb, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

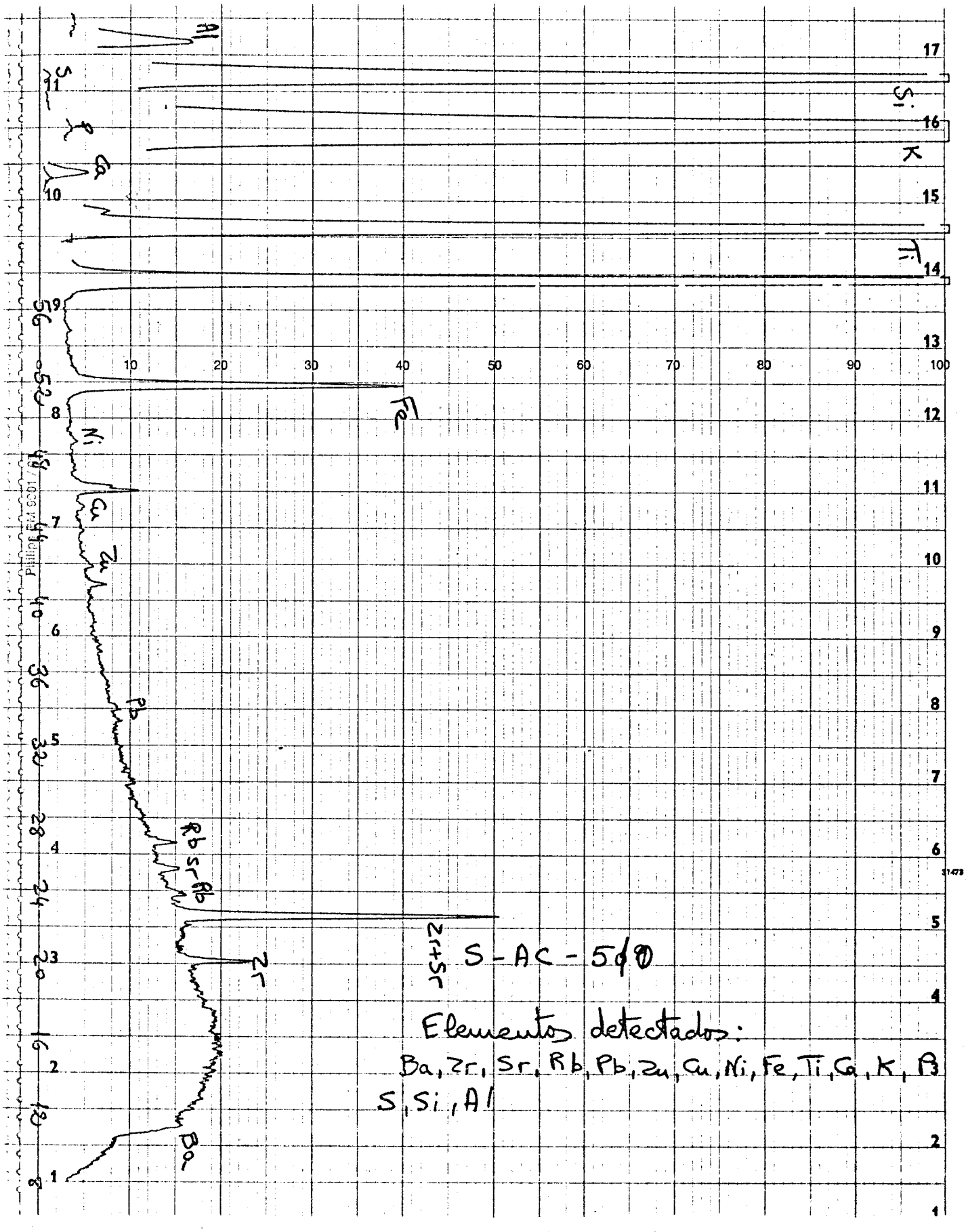


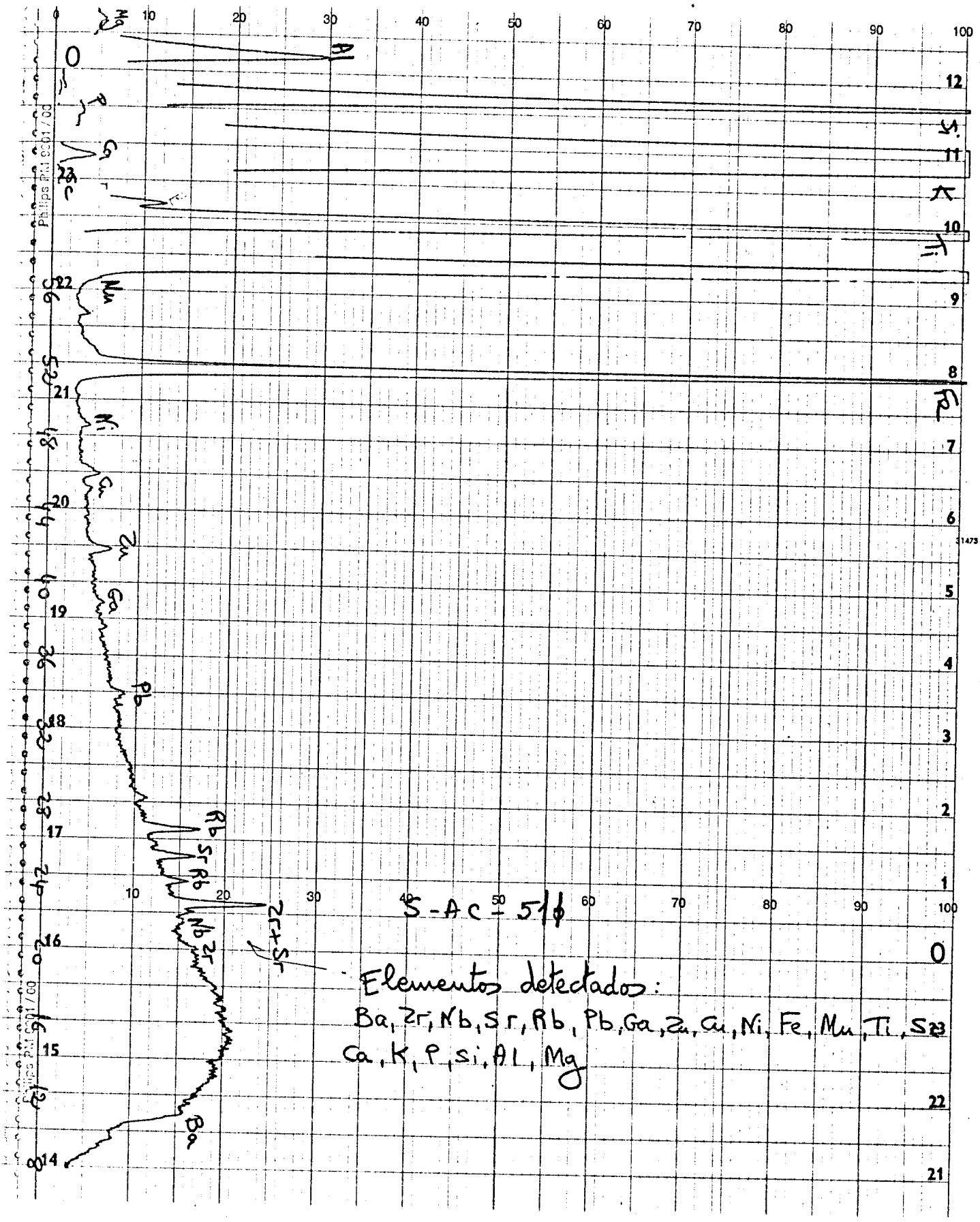
S-AC-508

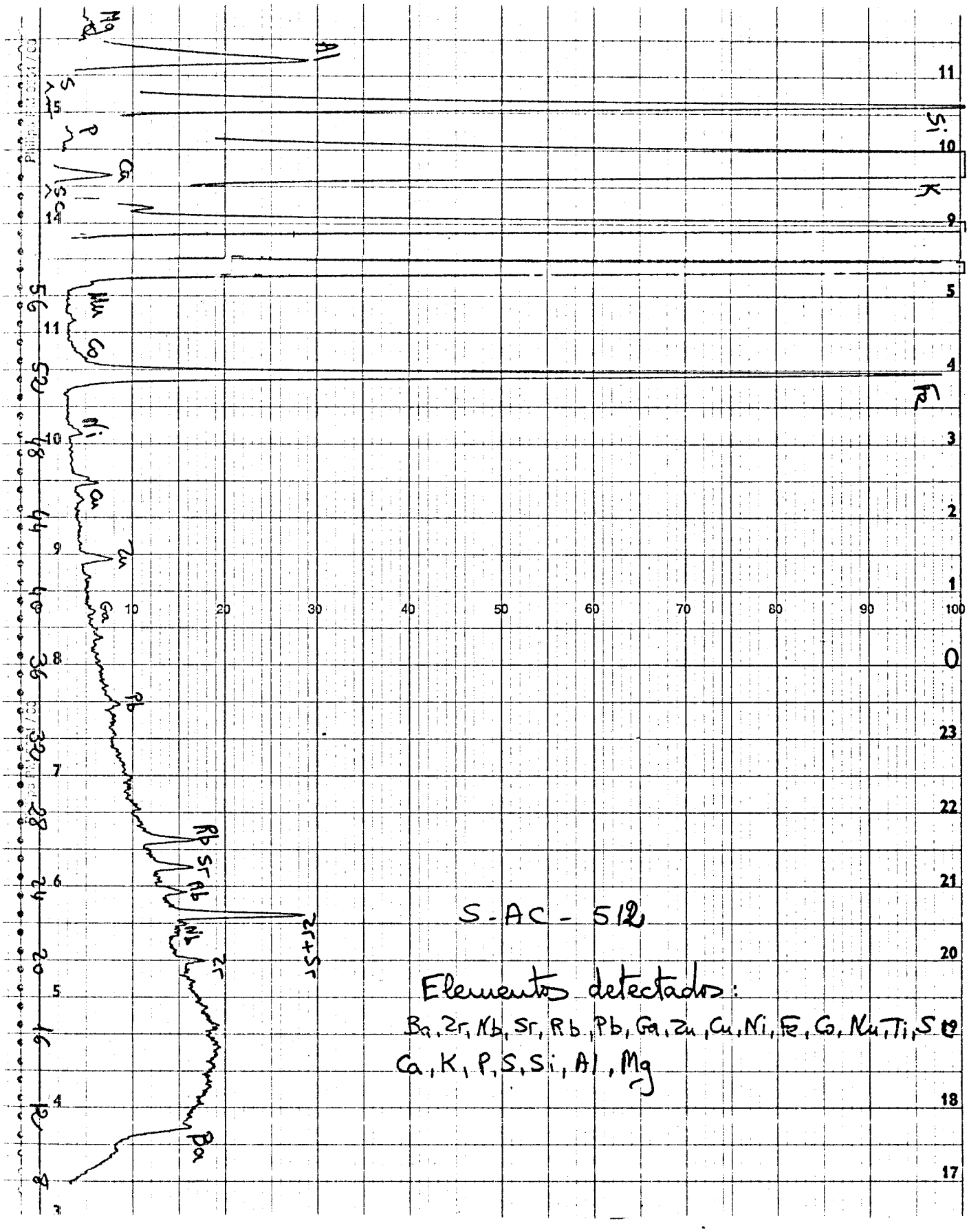
Elementos detectados:

Ba, Sb, Zr, Nb, Sr, Rb, Th, Br, Pb, Zn, Cu, Ni, Fe, Co

Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg


Al
S
P
Ca
Si
K
Ti
Fe
Ni
Cu
Zn
Pb
Rb Sr Rb
Zr
Sr+Zr
Ba
10
20
30
40
50
60
70
80
90
100
S-AC-510
Elementos detectados:
Ba, Zr, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Ti, Ca, K, P
S, Si, Al


Mg
Al
Si
K
Ti
Fe
Mn
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ba
S-AC-51ϕ
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Mn, Ti, Sr
Ca, K, P, Si, Al, Mg

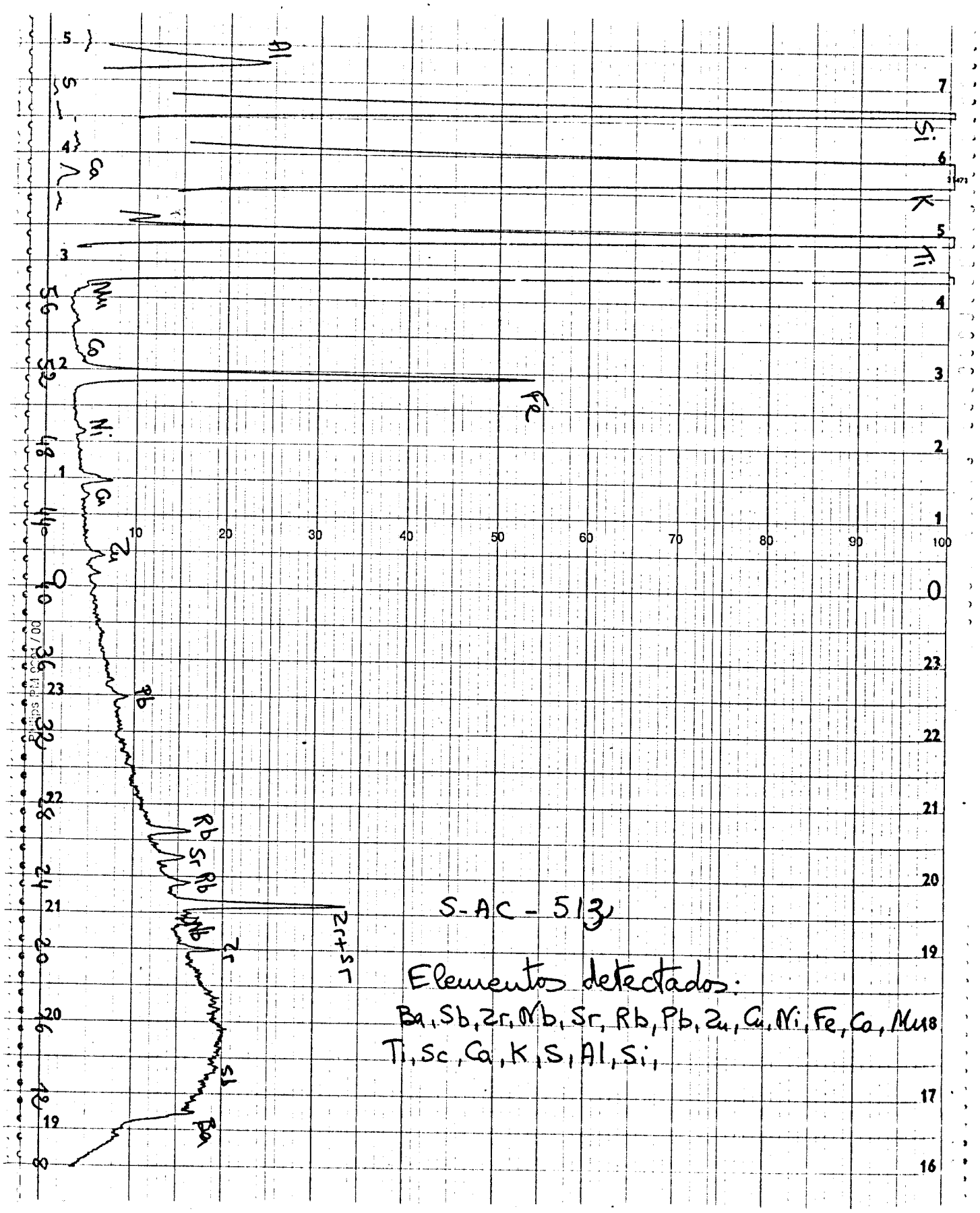


S-AC-512

Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, S

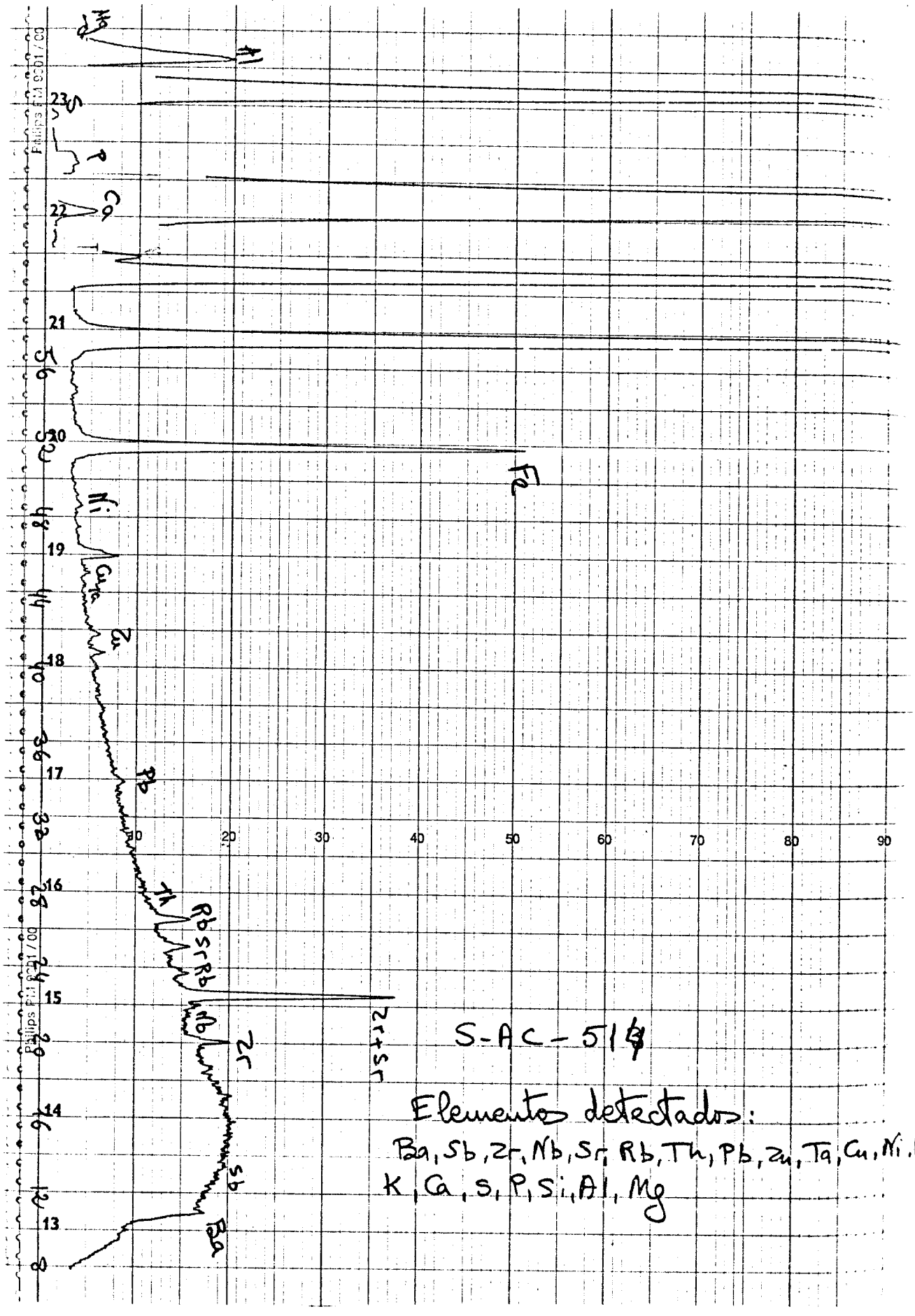
Ca, K, P, S, Si, Al, Mg



S-AC-513

Elementos detectados:

Ba, Sb, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Ca, Mn
Ti, Sc, Ca, K, S, Al, Si,

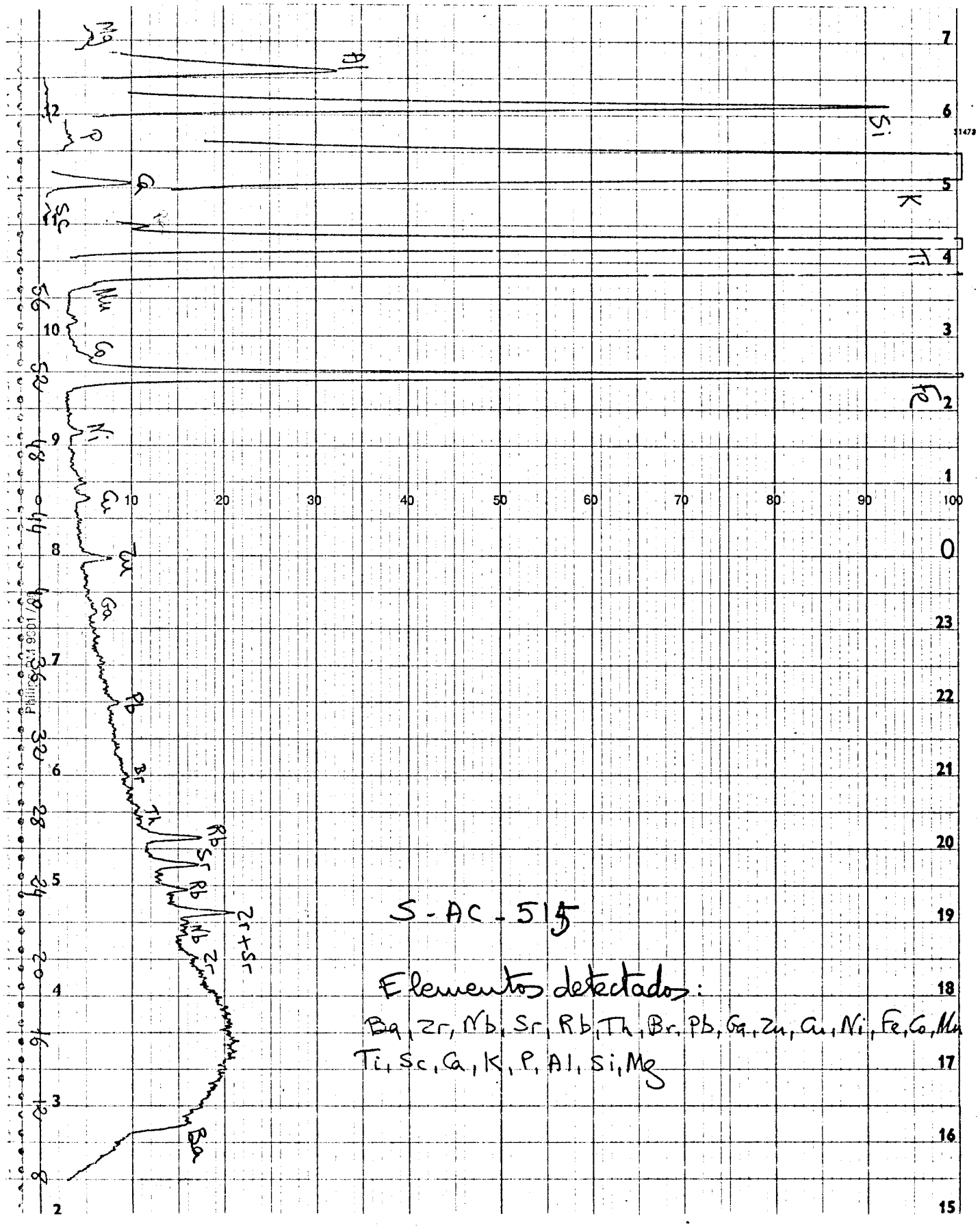


S-AC-518

Elementos detectados:

Ba, Sb, Zr, Nb, Sr, Rb, Th, Pb, Zn, Ta, Cu, Ni, Fe

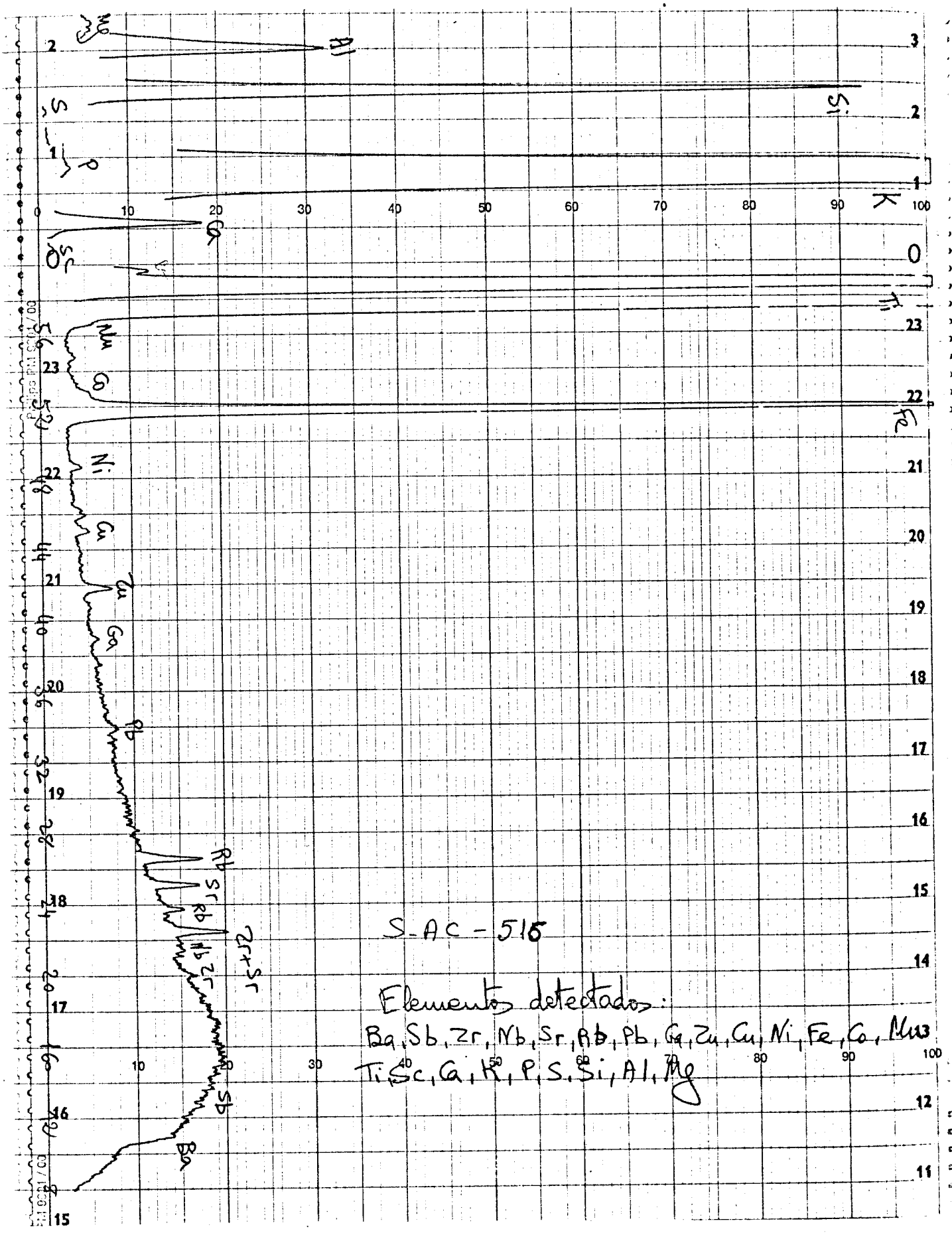
K, Ca, S, P, Si, Al, Mg

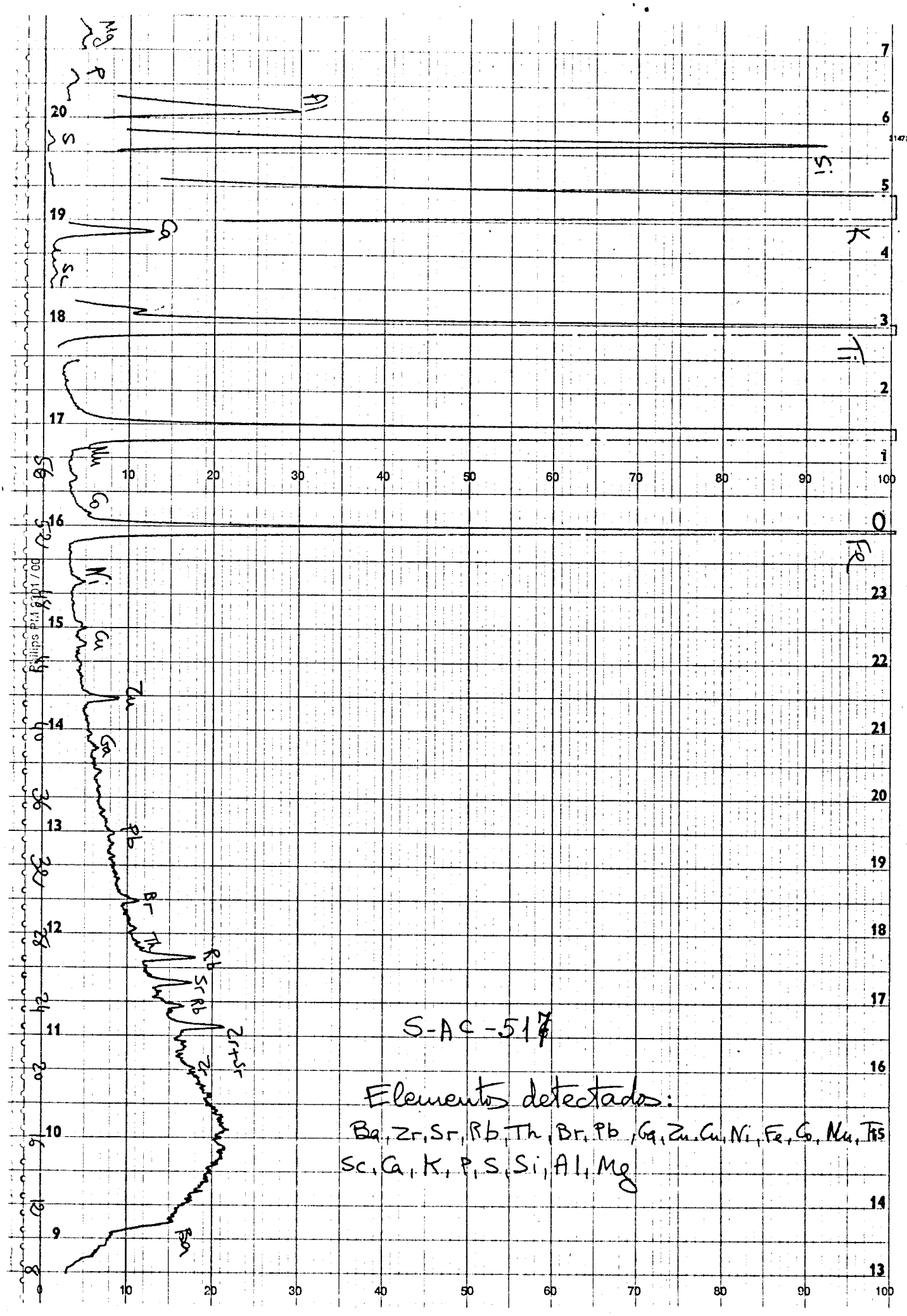


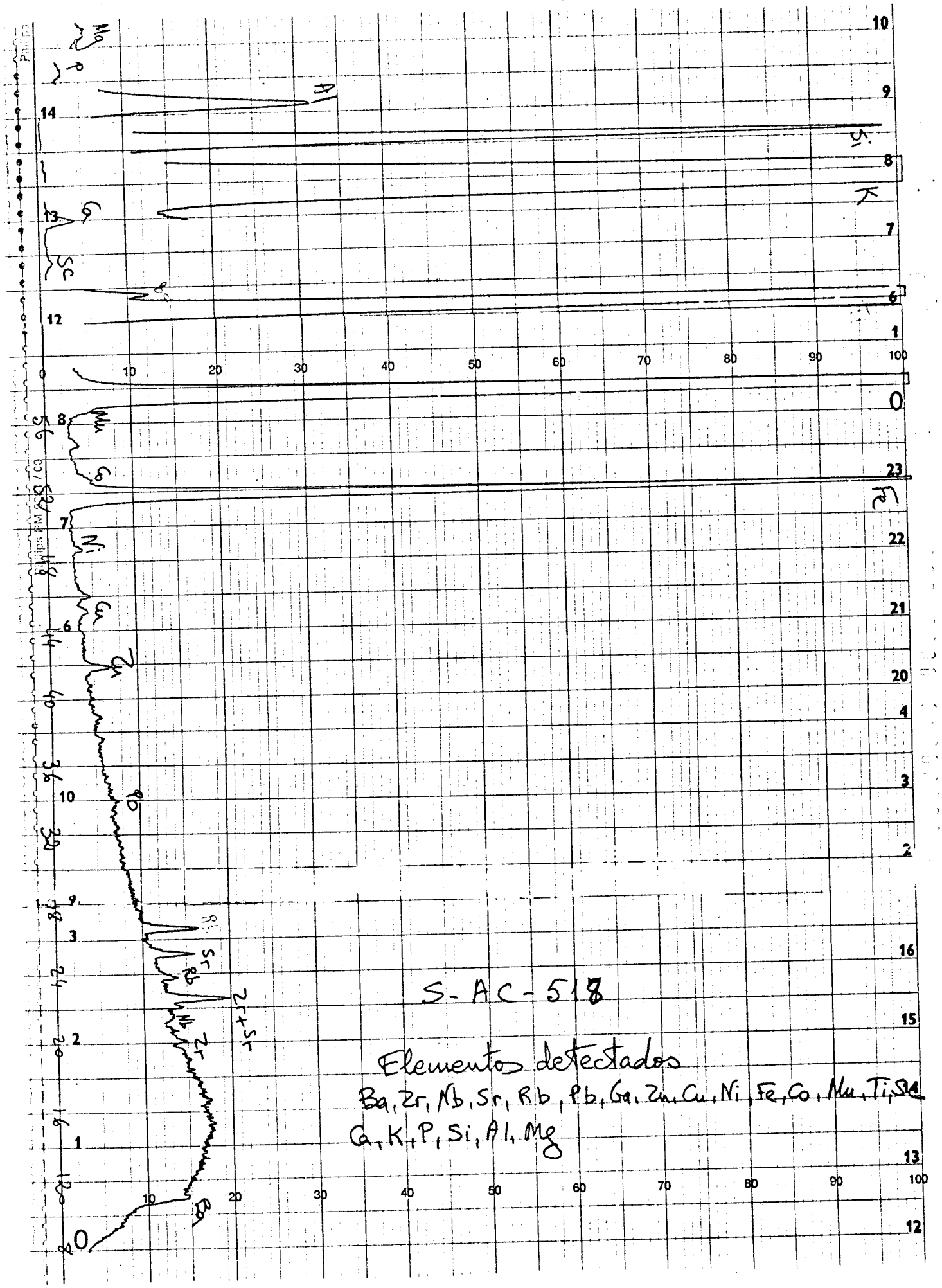
S-AC-515

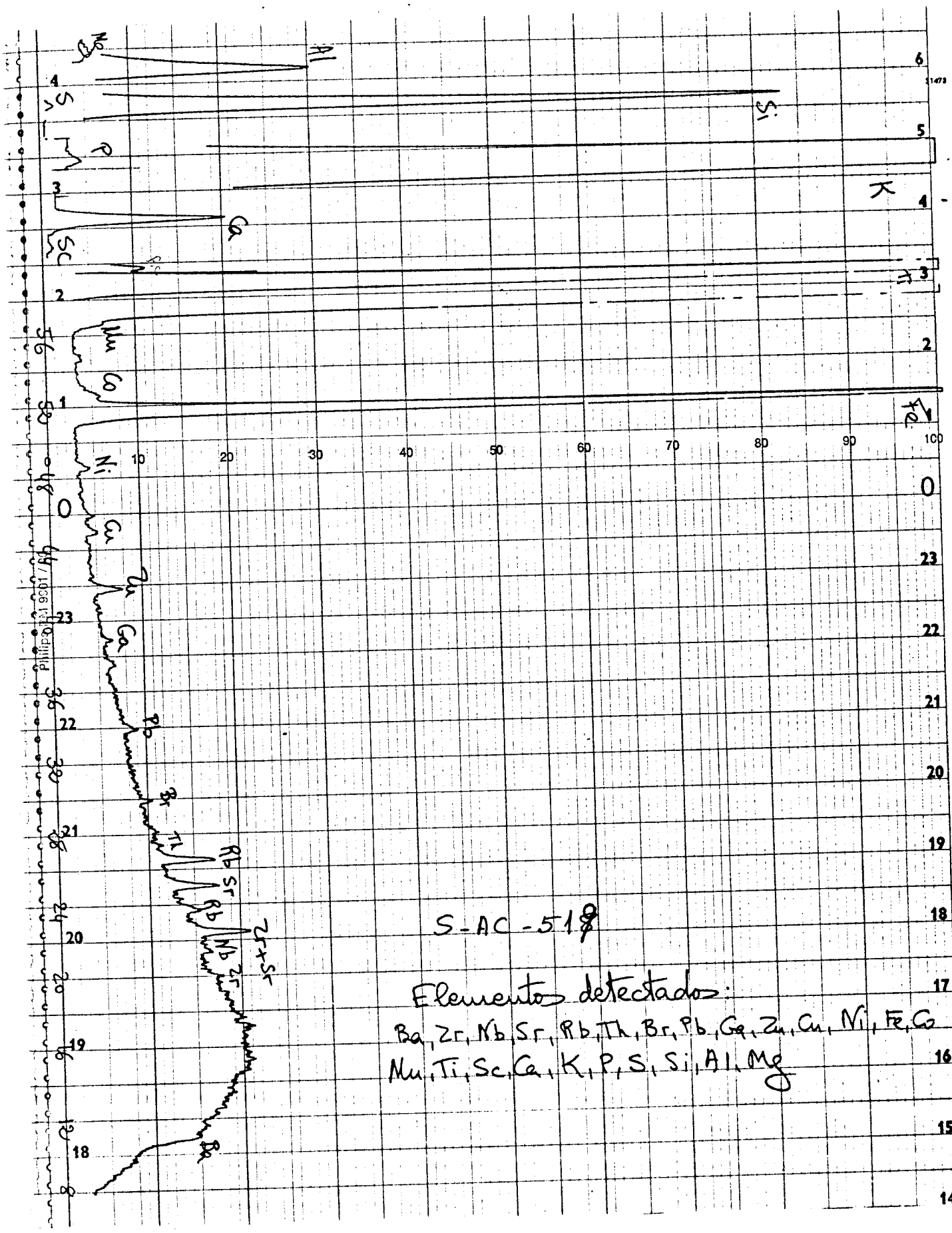
Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Th, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, Al, Si, Mg


Mg
Al
S
Si
P
K
Ca
Sc
O
Ti
Mn
Co
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Sb
Ba
S-AC-516
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, S, Si, Al, Mg


S-AC-517
Elementos detectados:
Ba, Zr, Sr, Rb, Th, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti
Sc, Ca, K, P, S, Si, Al, Mg
Mg
P
S
Al
Si
Ca
K
Sc
Ti
Mn
Co
Fe
Ni
Cu
Zn
Ga
Pb
Br
Th
Rb
Sr
Zr+Sr
Zr
Ba
Phillips PM 8101/00


S-AC-518
Elementos detectados
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc
Ca, K, P, Si, Al, Mg
Mg
P
Al
Si
K
Ca
Sc
Mn
Co
Fe
Ni
Cu
Zn
Pb
Rb
Sr
Zr+Sr
Nb
Zr
Ba
O

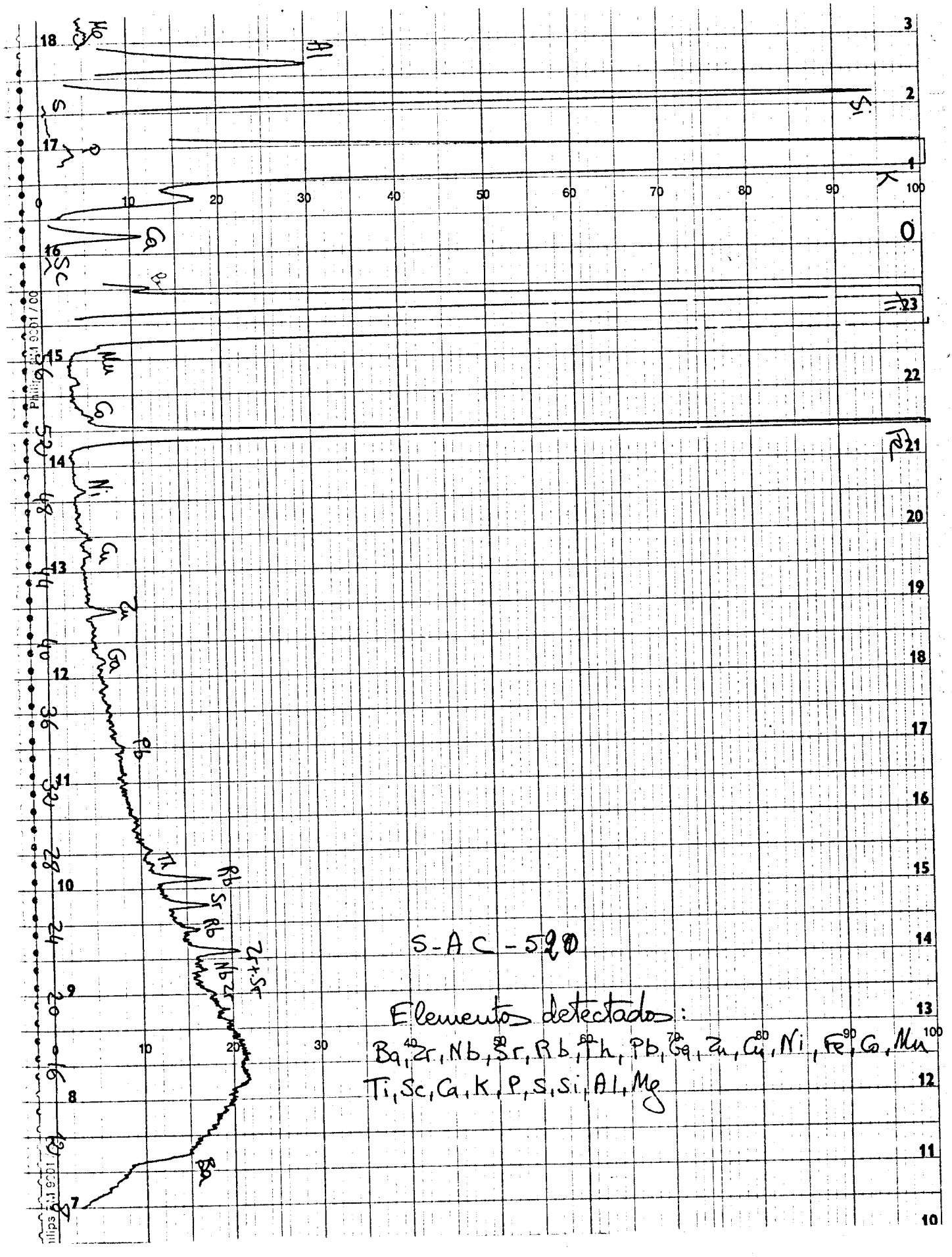


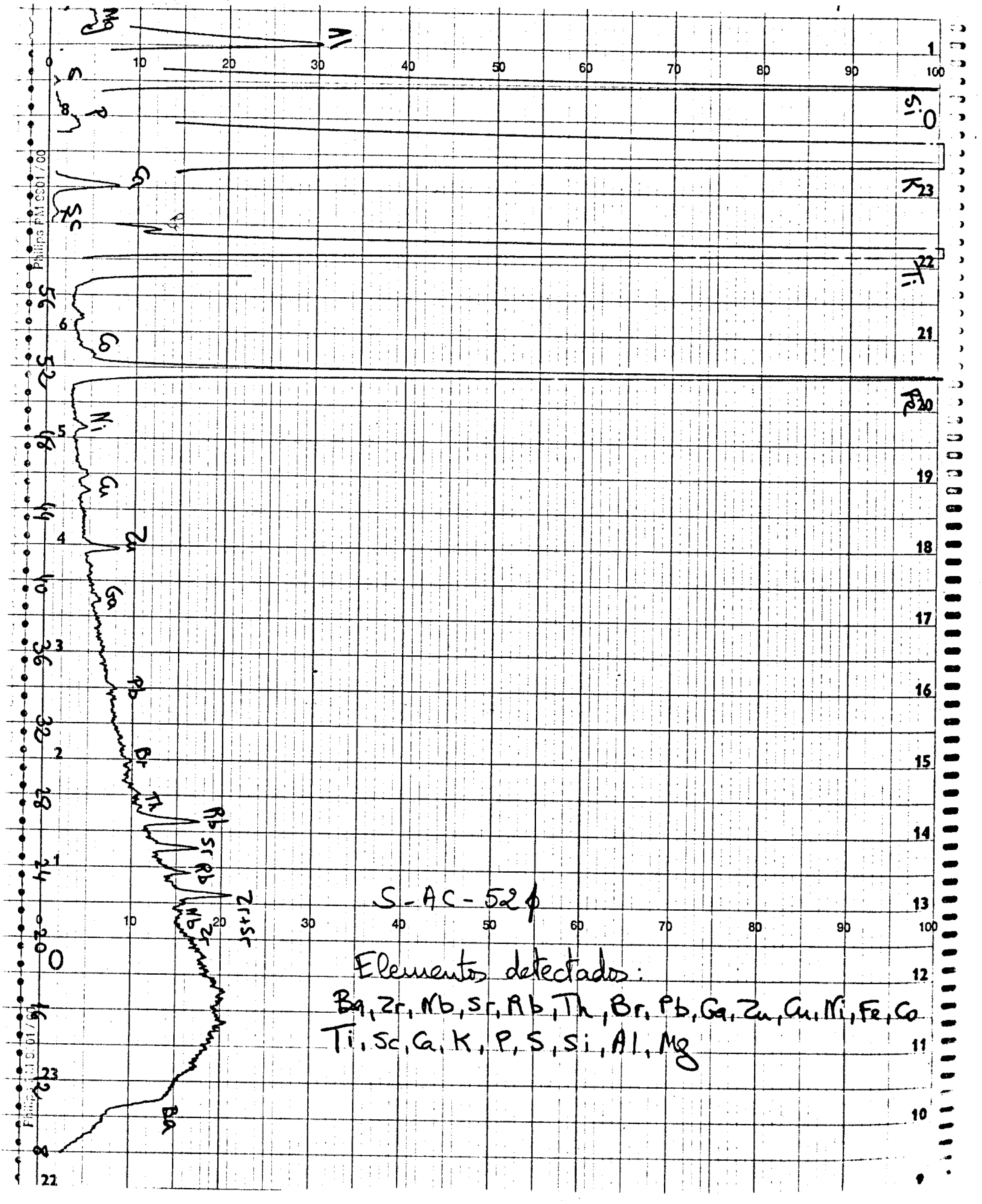
S-AC-518

Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Th, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co

Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

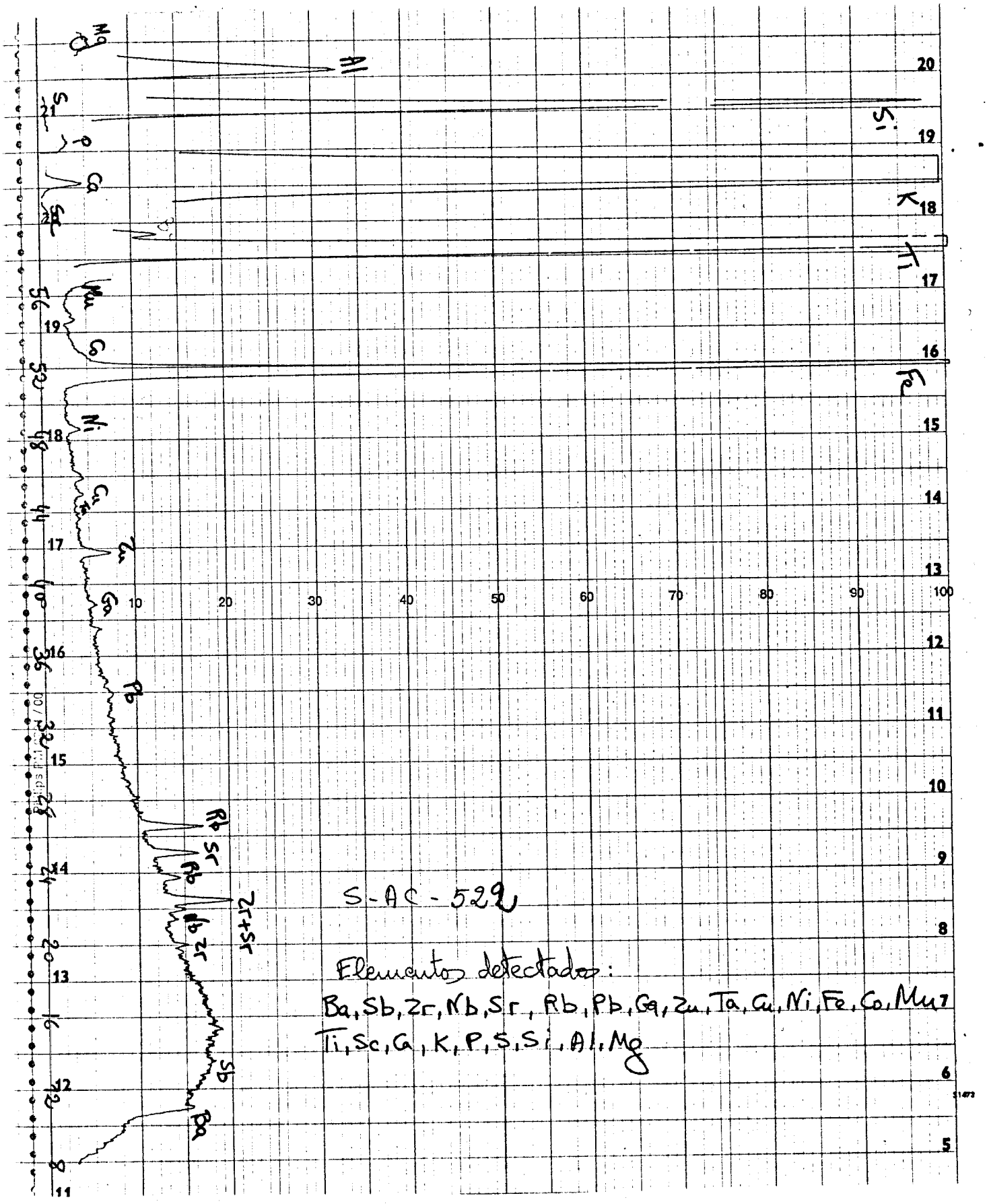

Mg
Al
Si
P
S
Cl
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Rb
Sr
Zr+Sr
Nb
Ba
S-AC-520
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, S, Si, Al, Mg

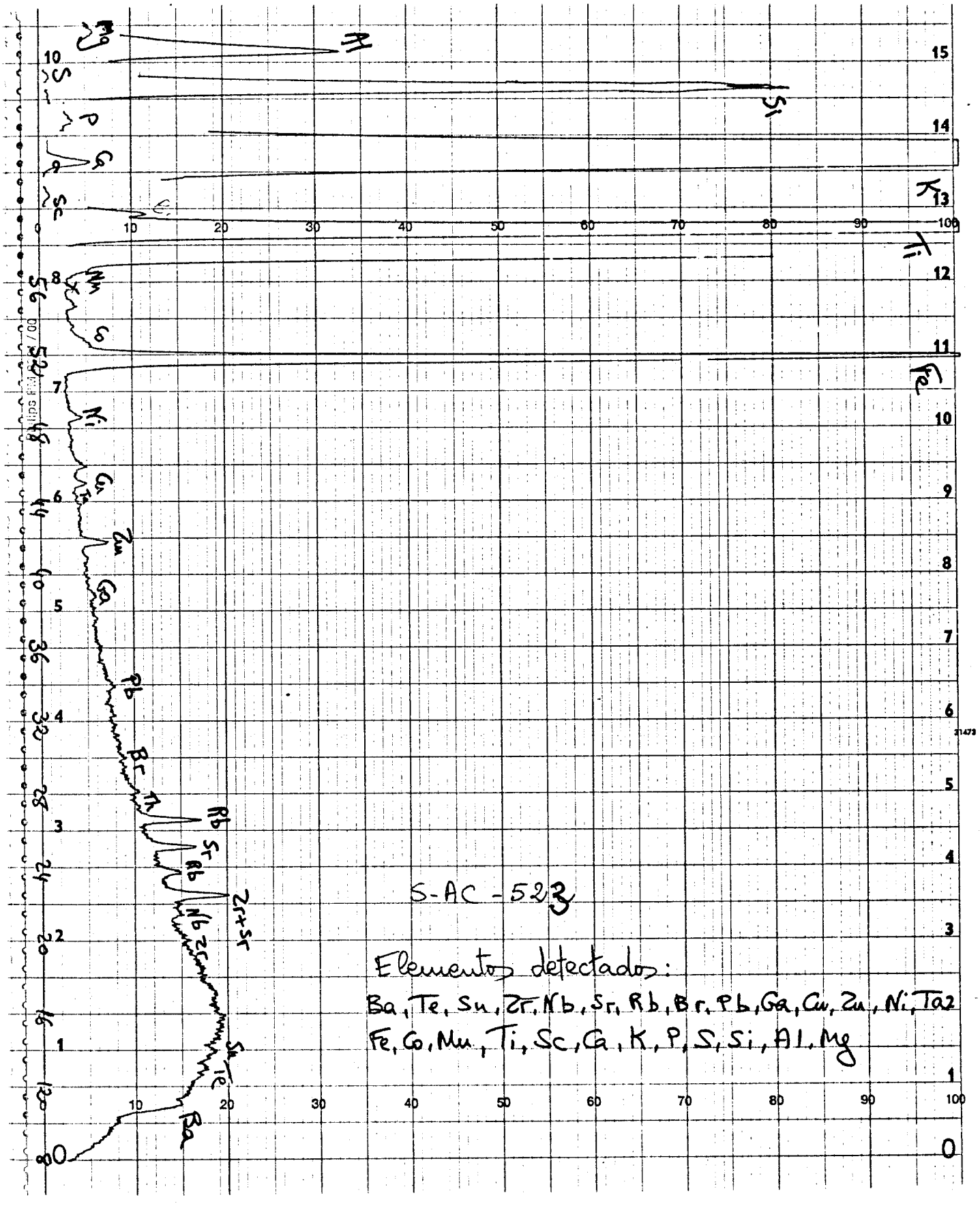


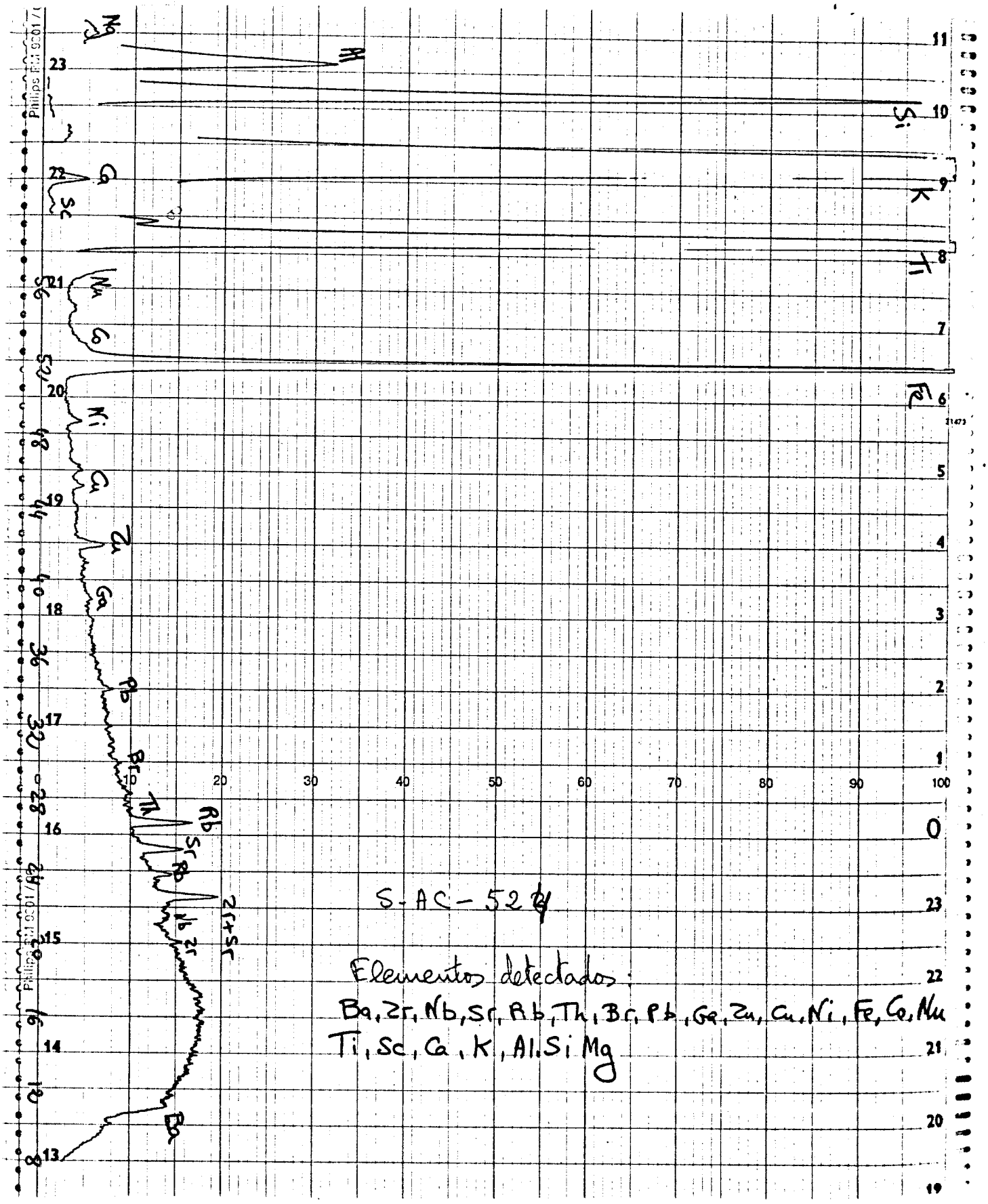
S-AC-52 ϕ

Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Th, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co
Ti, Sc, Ca, K, P, S, Si, Al, Mg


Mg
Al
Si
P
S
Cl
K
Ca
Ti
Mn
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Rb
Sr
Zr+Sr
Nb Zr
Sb
Ba
10
20
30
40
50
60
70
80
90
100
S-AC-529
Elementos detectados:
Ba, Sb, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Ta, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, S, Si, Al, Mg


Mg
Al
Si
P
S
Cl
Ar
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Br
Th
Rb
Sr
Rb
Nb
Zr+Sr
Sn
Te
Ba
S-AC-523
Elementos detectados:
Ba, Te, Sn, Zr, Nb, Sr, Rb, Br, Pb, Ga, Cu, Zn, Ni, Ta2
Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al, Mg

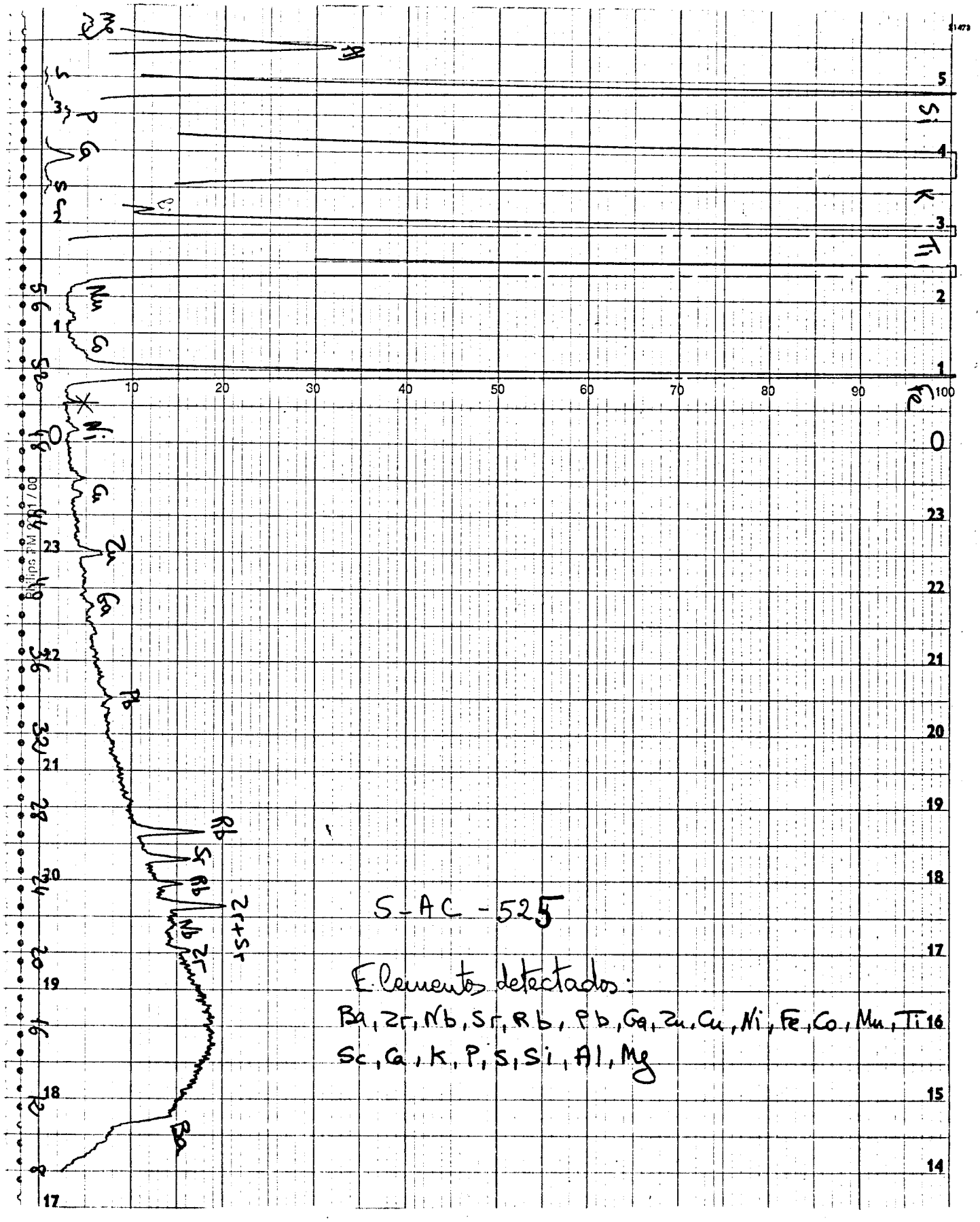


S-AC-52

Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Th, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn

Ti, Sc, Ca, K, Al, Si, Mg

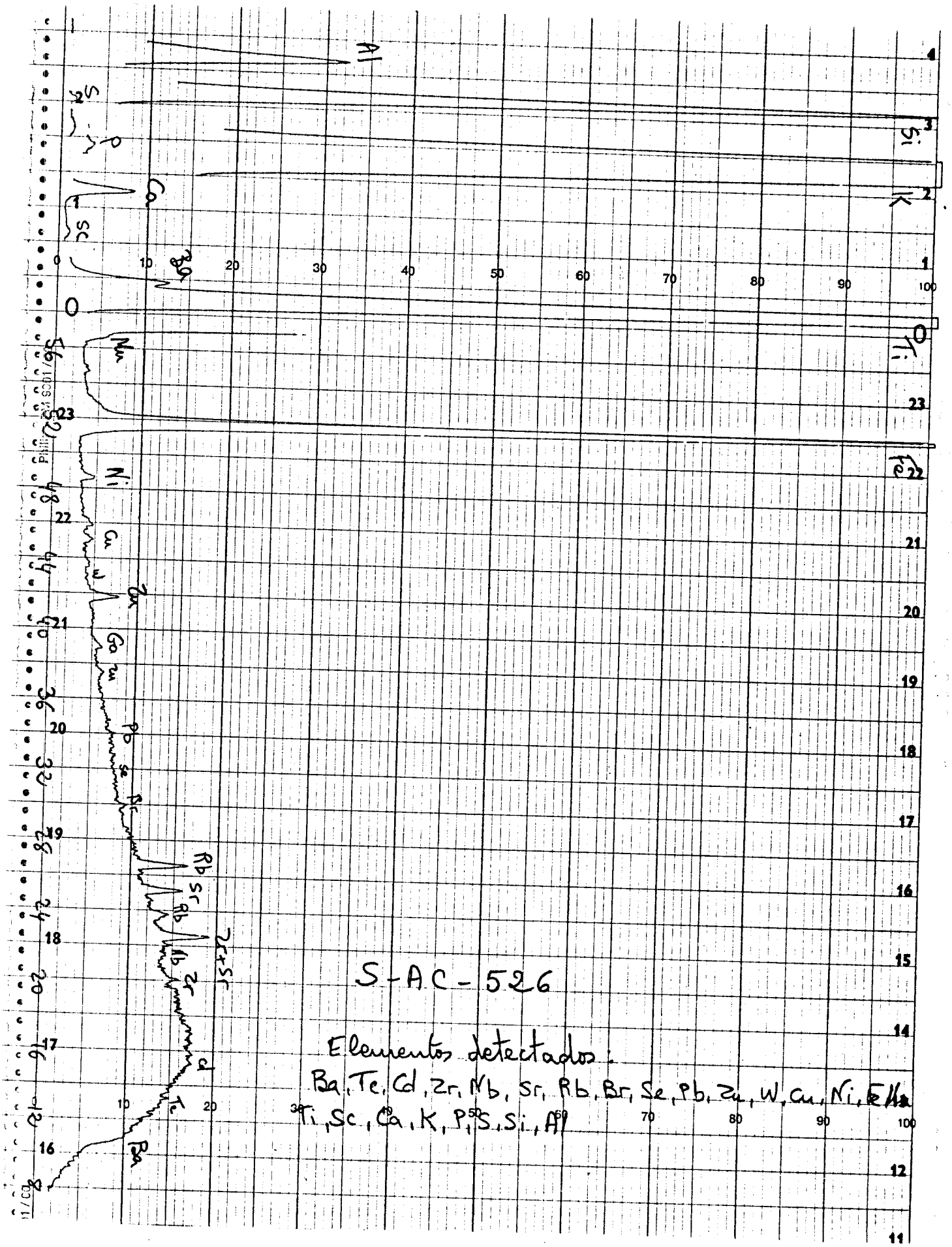


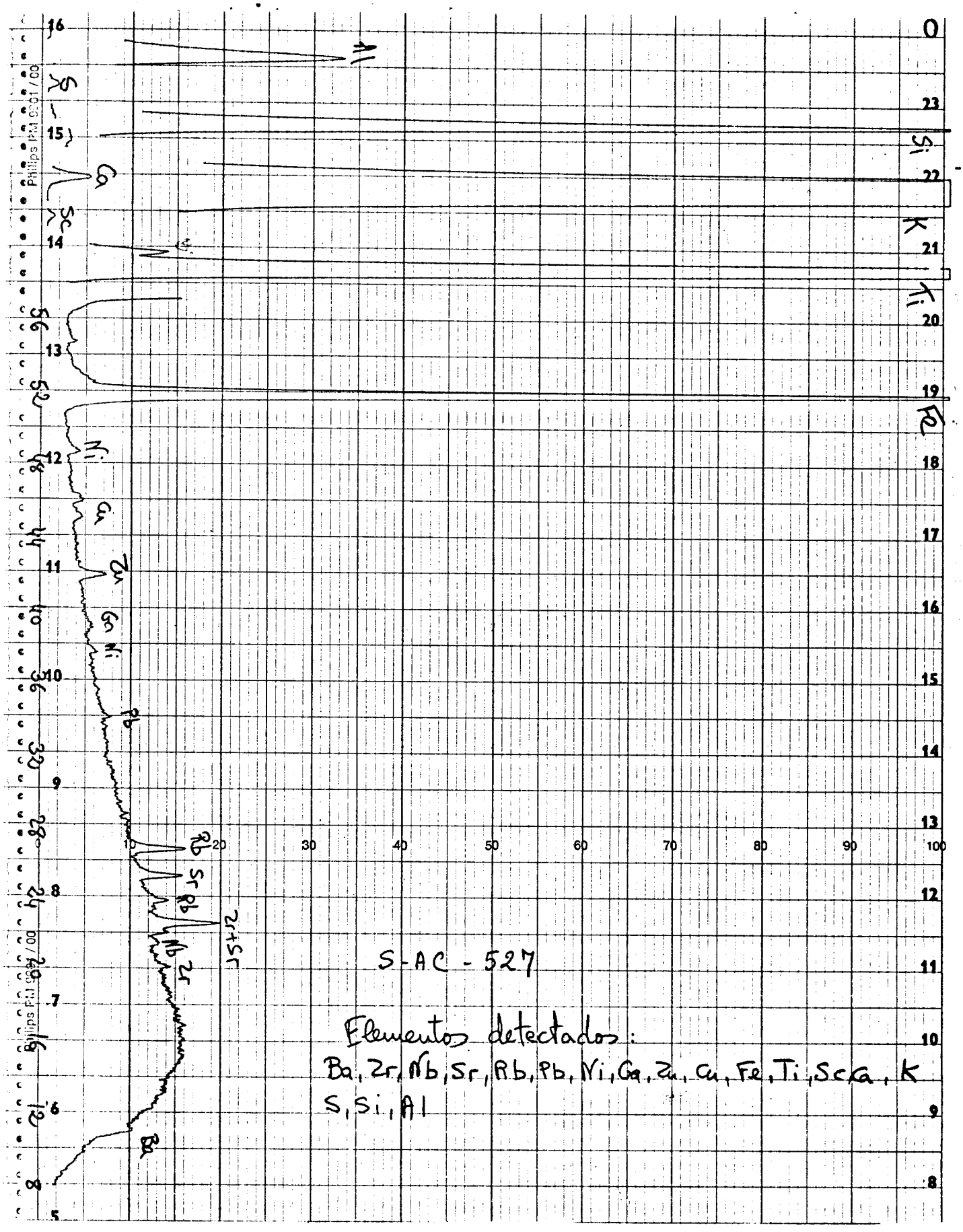
S-AC-525

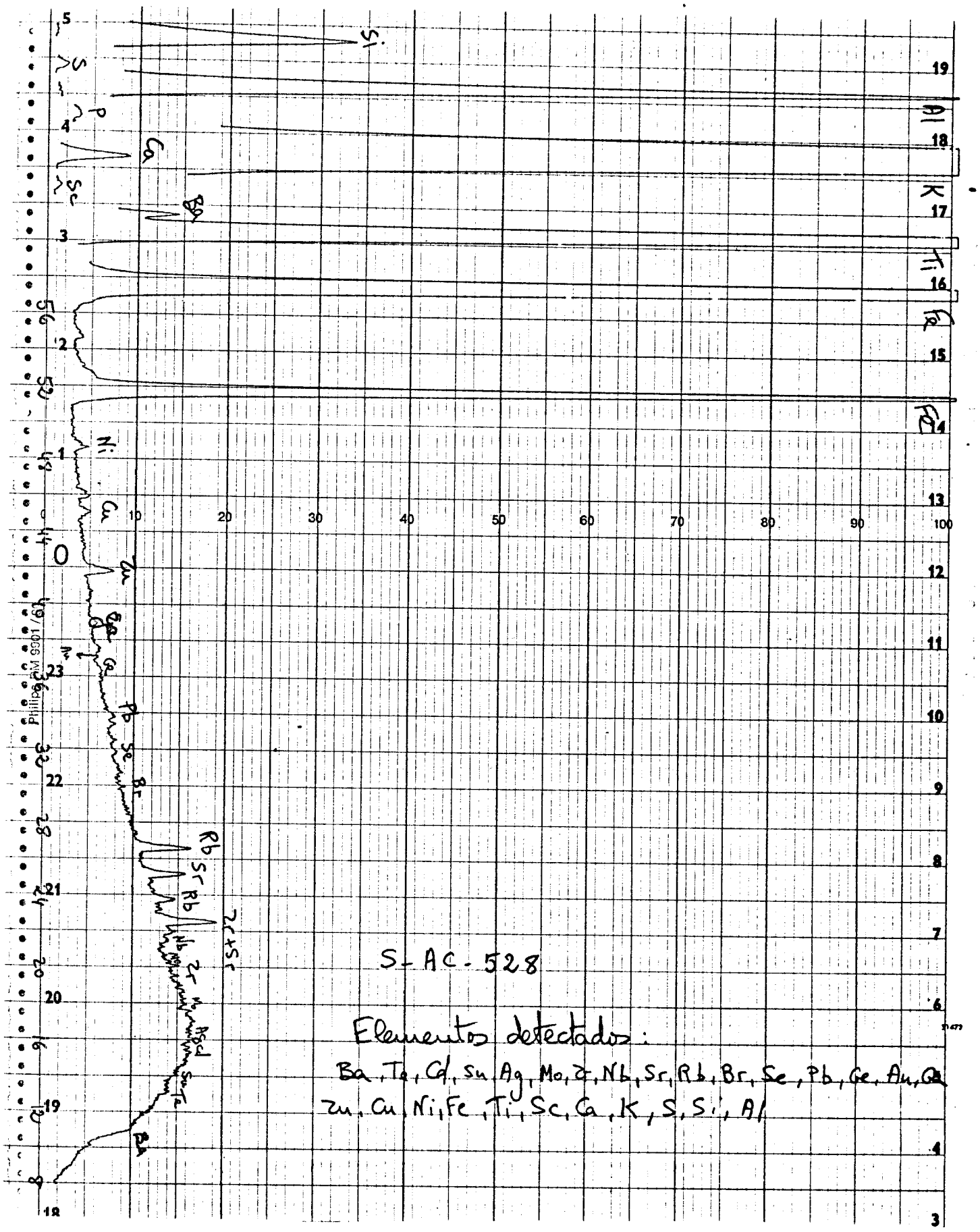
Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti

Sc, Ca, K, P, S, Si, Al, Mg


Al
Si
K
Ti
Fe
Ca
Sc
Ba
Mn
Ni
Cu
W
Zn
Ga
Zn
Pb
Se
Br
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Cd
Te
Ba
S-AC-526
Elementos detectados:
Ba, Te, Cd, Zr, Nb, Sr, Rb, Br, Se, Pb, Zn, W, Cu, Ni, Fe, Mn
Ti, Sc, Ca, K, P, S, Si, Al


Al
Si
K
Ca
Ti
Fe
Ni
Cu
Zn
Ga
Ni
Pb
Rb
Sr
Rb
Nb
Zr
Sr+Zr
Ba
S-AC-527
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ni, Ga, Zn, Cu, Fe, Ti, Sc, Ca, K
S, Si, Al

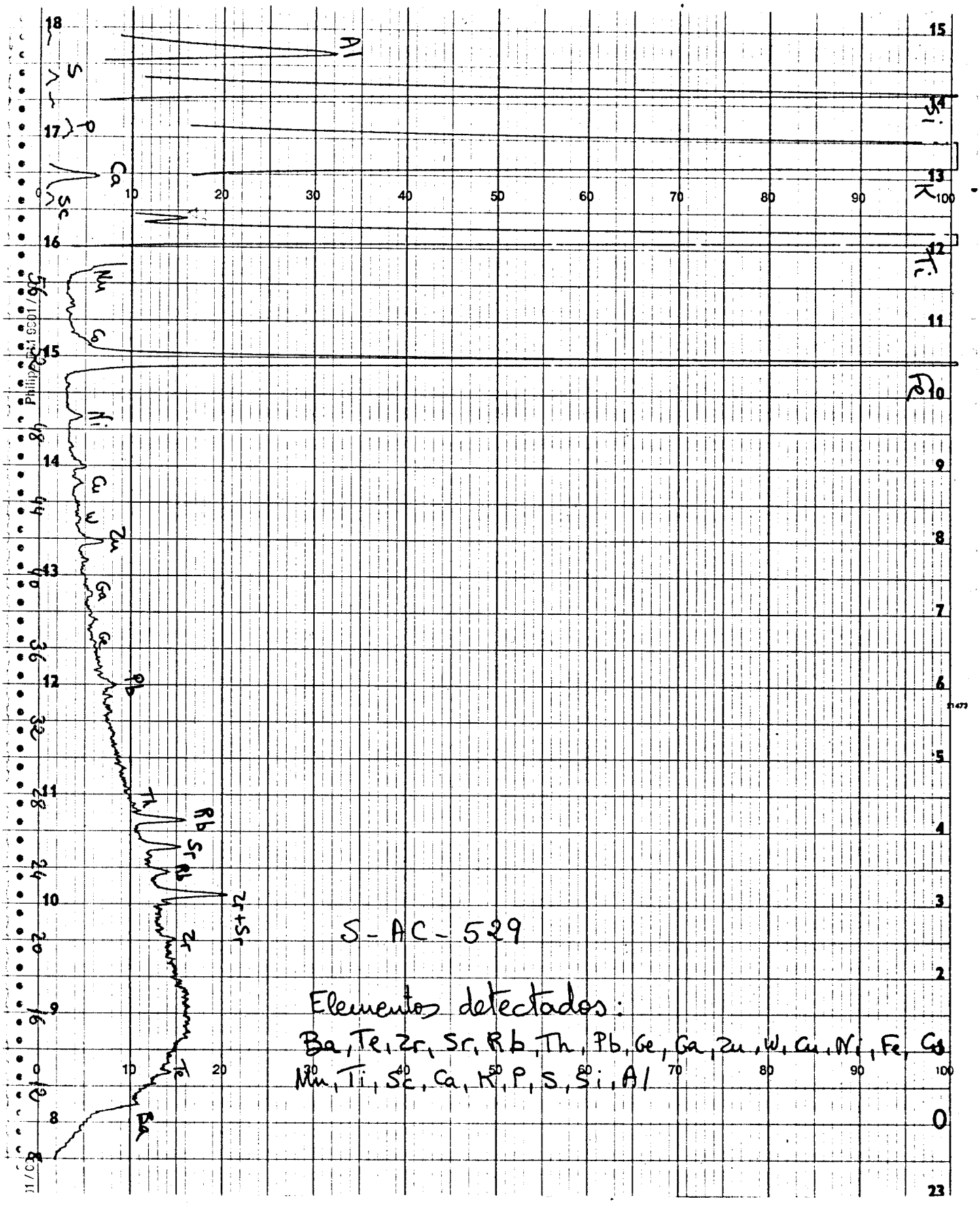


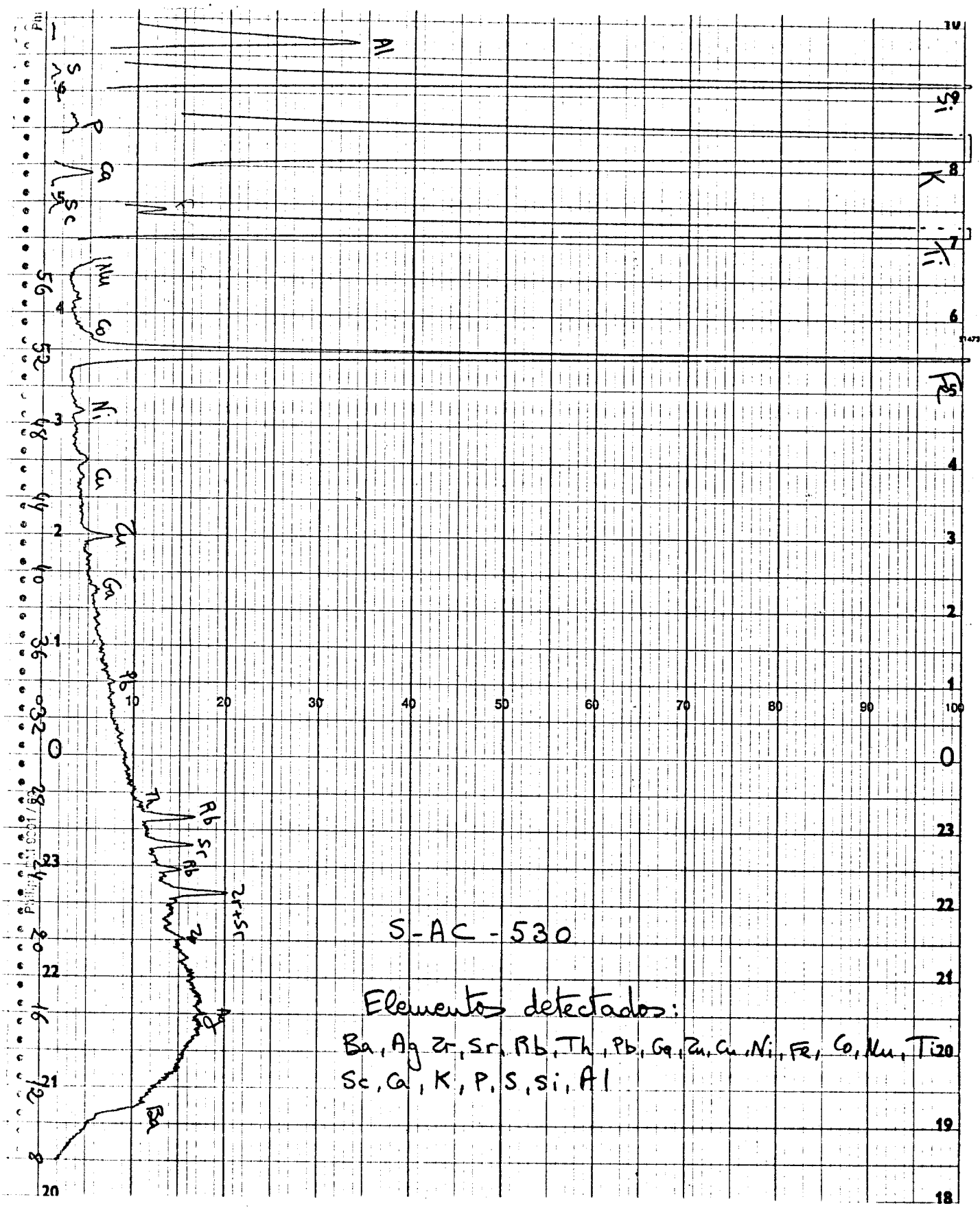
S-AC-528

Elementos detectados:

Ba, Te, Cd, Sn, Ag, Mo, Zr, Nb, Sr, Rb, Br, Se, Pb, Ge, Au, Ga

Zn, Cu, Ni, Fe, Ti, Sc, Ca, K, S, Si, Al

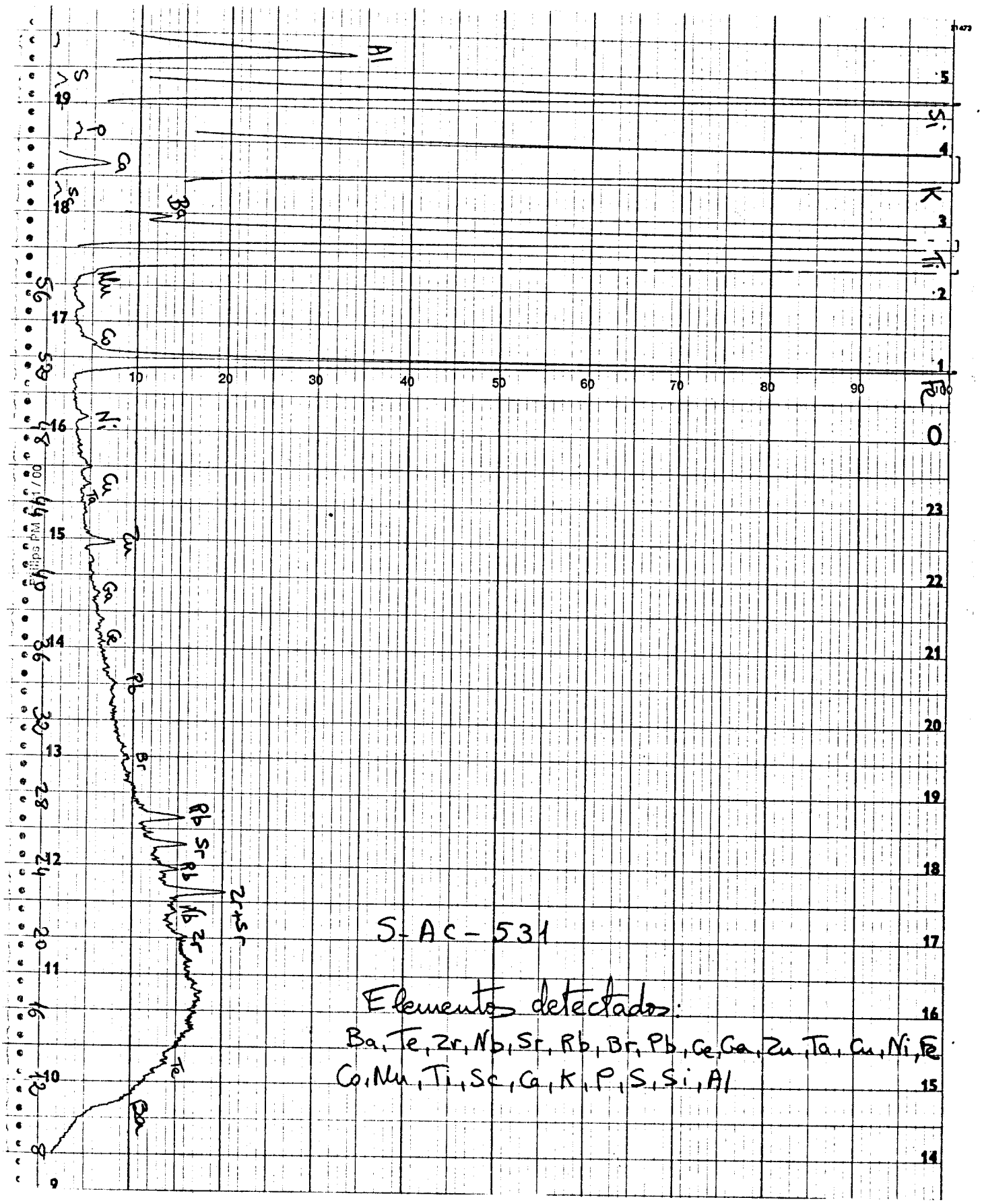

S-AC-529
Elementos detectados:
Ba, Te, Zr, Sr, Rb, Th, Pb, Ge, Ga, Zn, W, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al



S-AC-530

Elementos detectados:

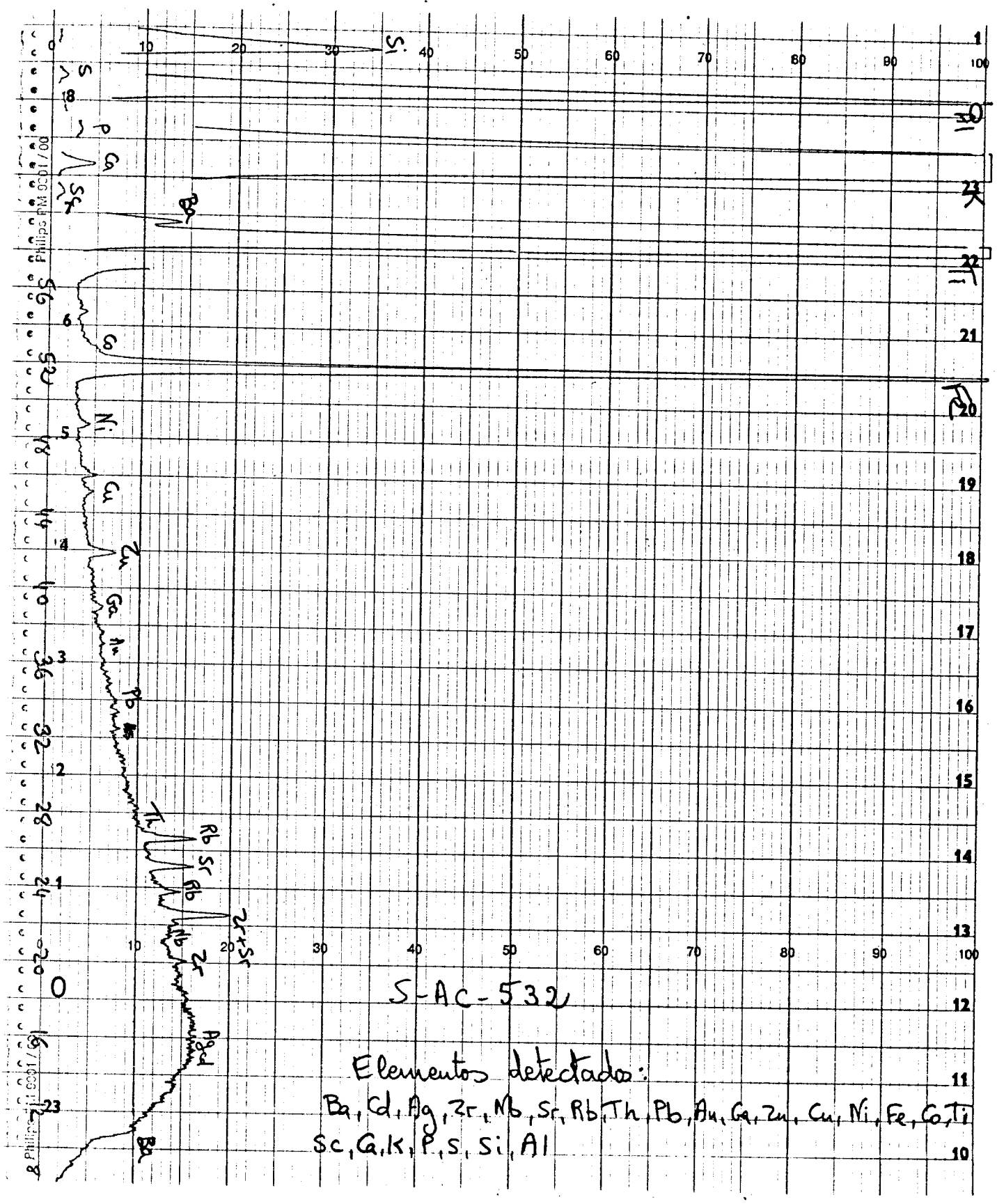
Ba, Ag, Zr, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti
Sc, Ca, K, P, S, Si, Al

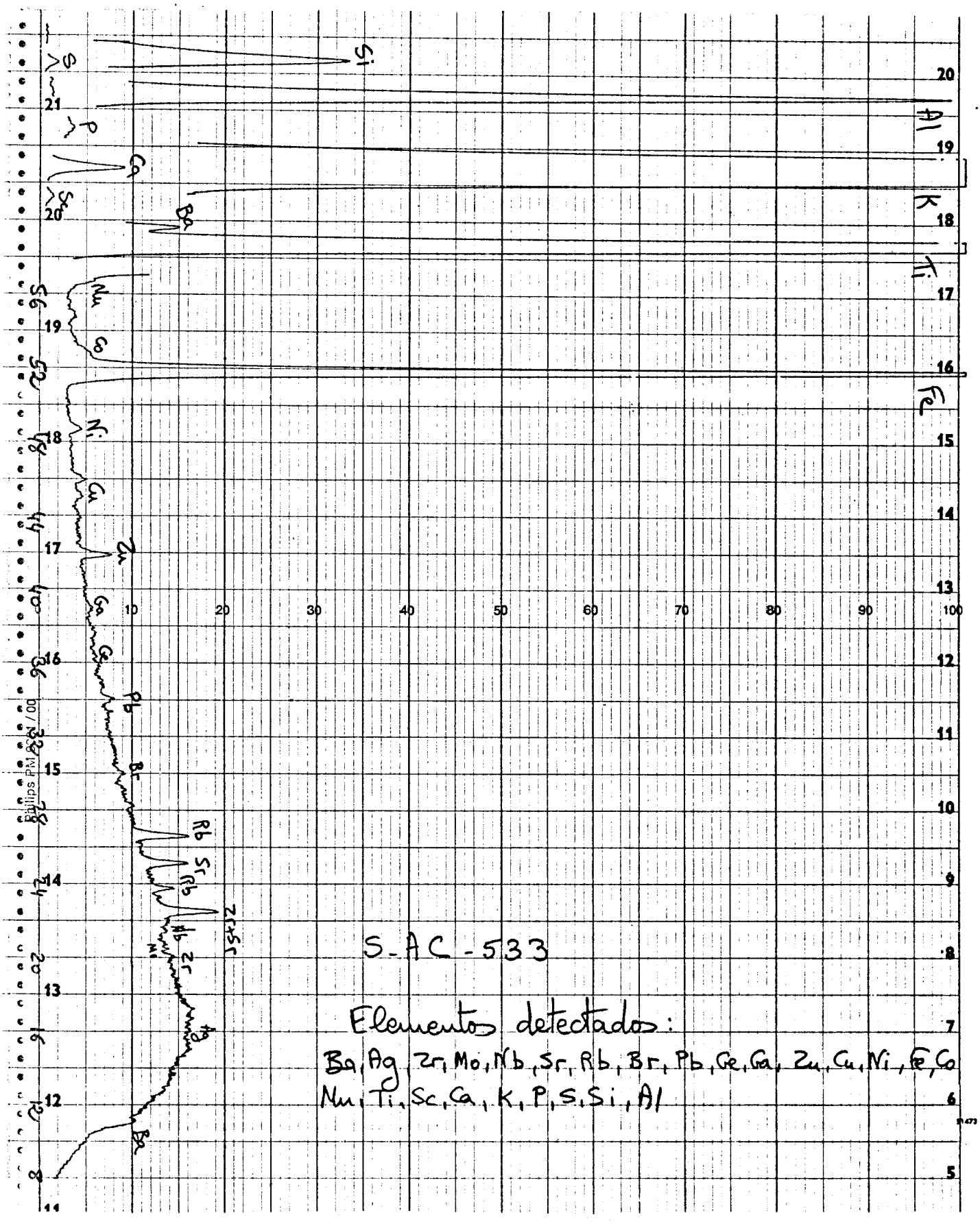


S-AC-531

Elementos detectados:

Ba, Te, Zr, Nb, Sr, Rb, Br, Pb, Ge, Ga, Zn, Ta, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al

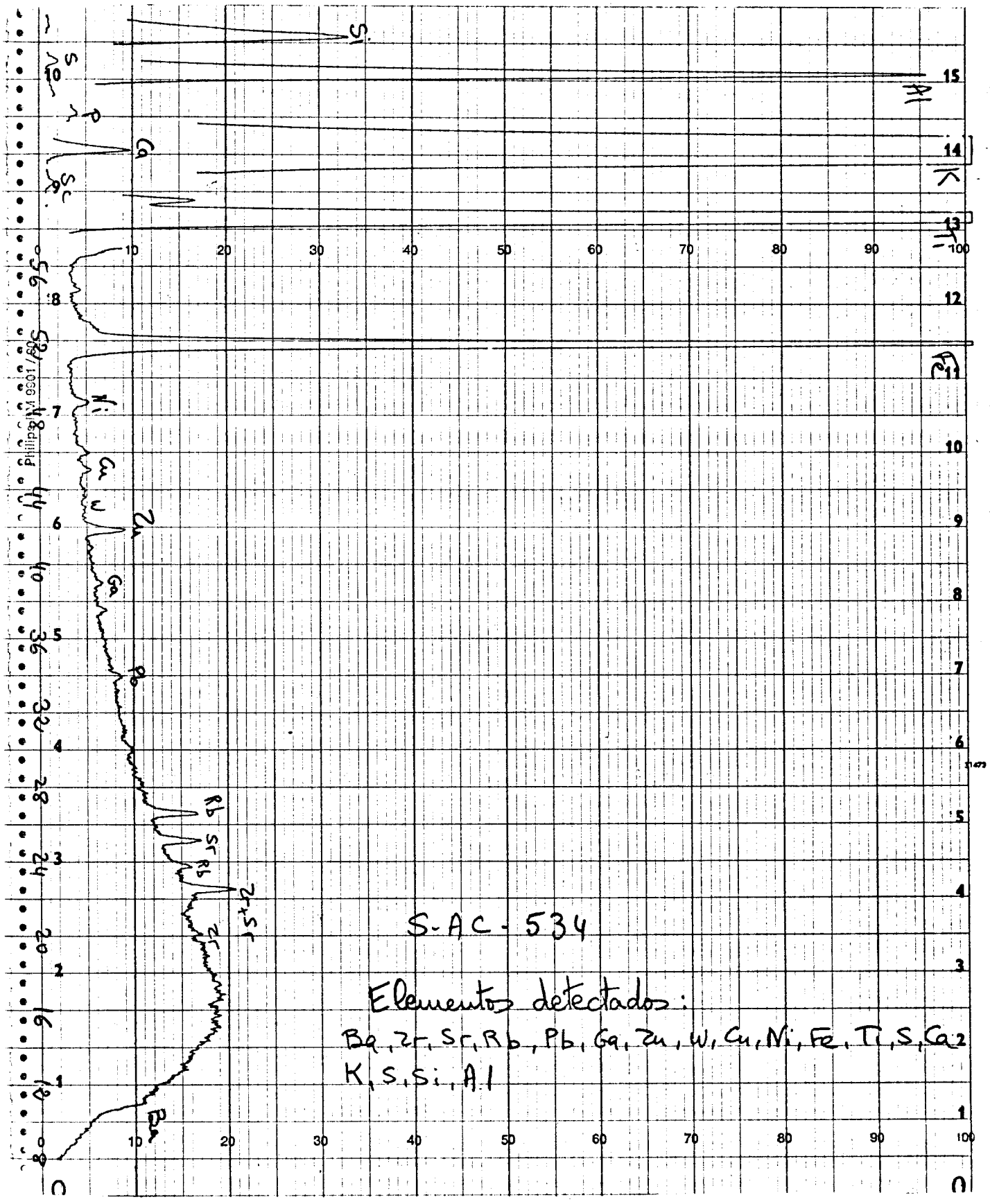

Si
S
P
Cl
Ar
K
Ca
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Th
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ag
Cd
Ba
S-AC-532
Elementos detectados:
Ba, Cd, Ag, Zr, Nb, Sr, Rb, Th, Pb, Au, Ga, Zn, Cu, Ni, Fe, Co, Ti
Sc, Ca, K, P, S, Si, Al



S-AC-533

Elementos detectados:

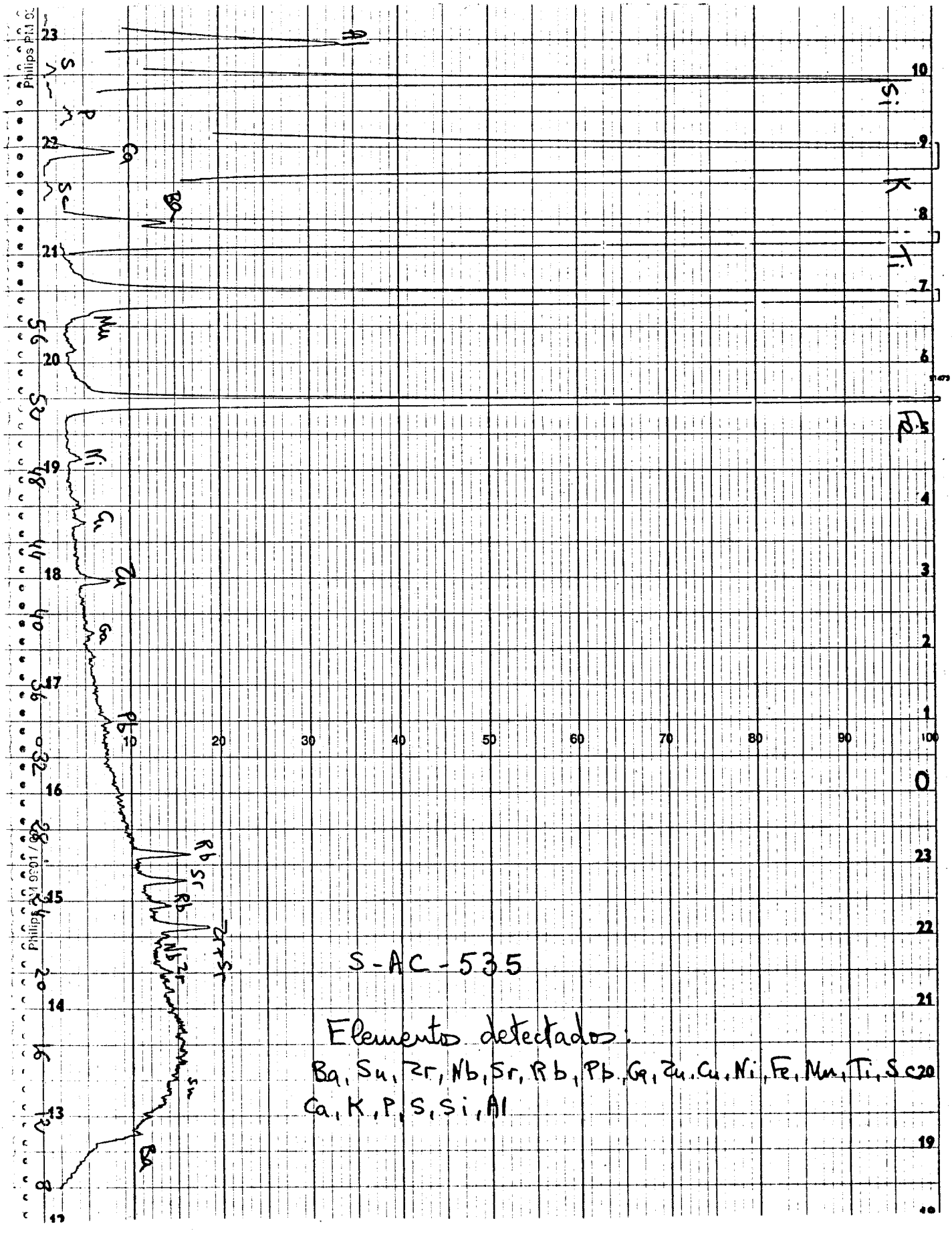
Ba, Ag, Zr, Mo, Nb, Sr, Rb, Br, Pb, Ge, Ga, Zn, Cu, Ni, Fe, Co
Nu, Ti, Sc, Ca, K, P, S, Si, Al

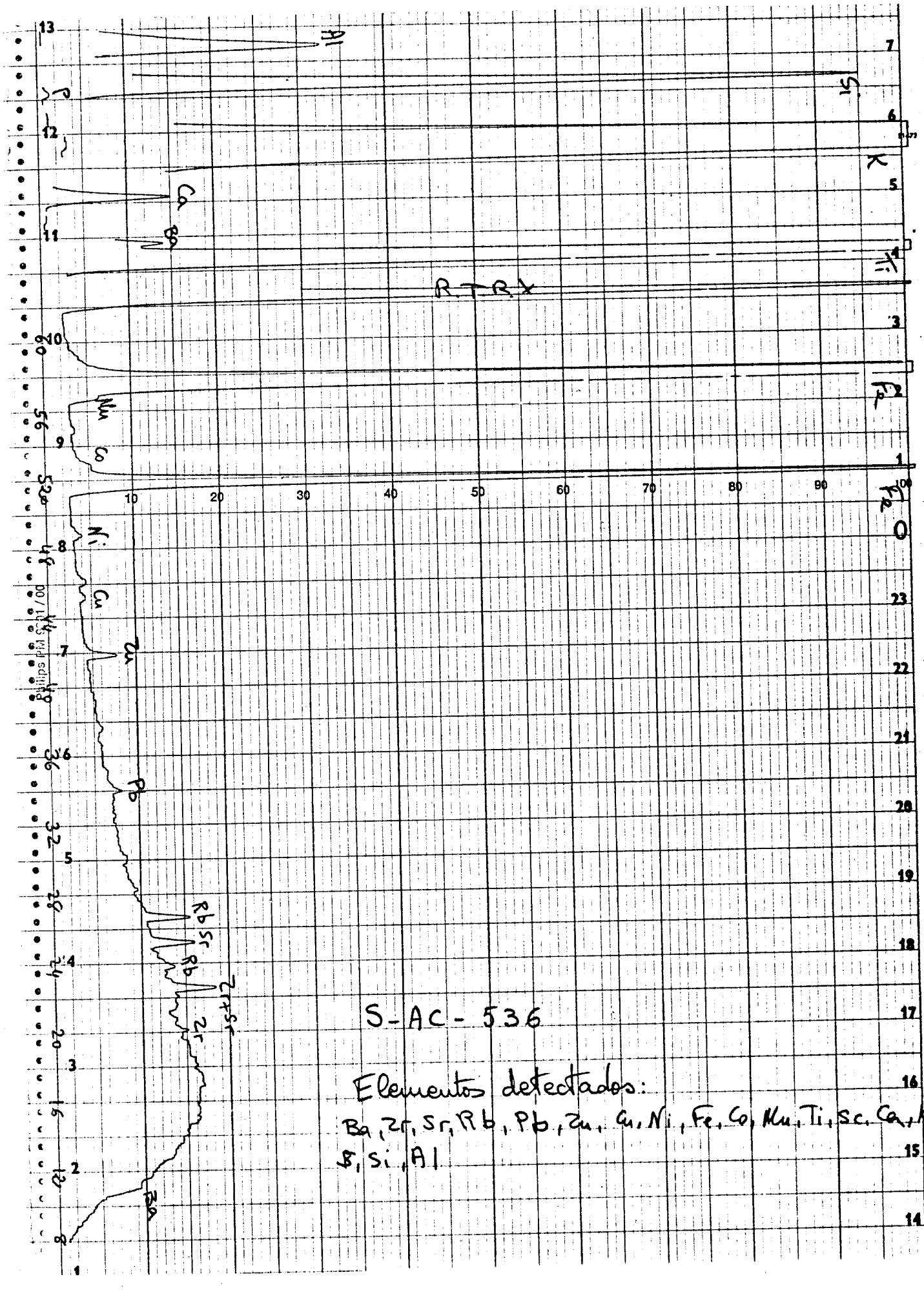


S-AC-534

Elementos detectados:

Bq, Zr, Sr, Rb, Pb, Ga, Zn, W, Cu, Ni, Fe, Ti, S, Ca, K, S, Si, Al


S-AC-535
Elementos detectados:
Ba, Su, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Mn, Ti, Sc
Ca, K, P, S, Si, Al
Si
K
Ti
Fe
Mn
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Nb
Zr
Zr+Sr
Su
Ba
Ca
Sc
P
S
Al
O

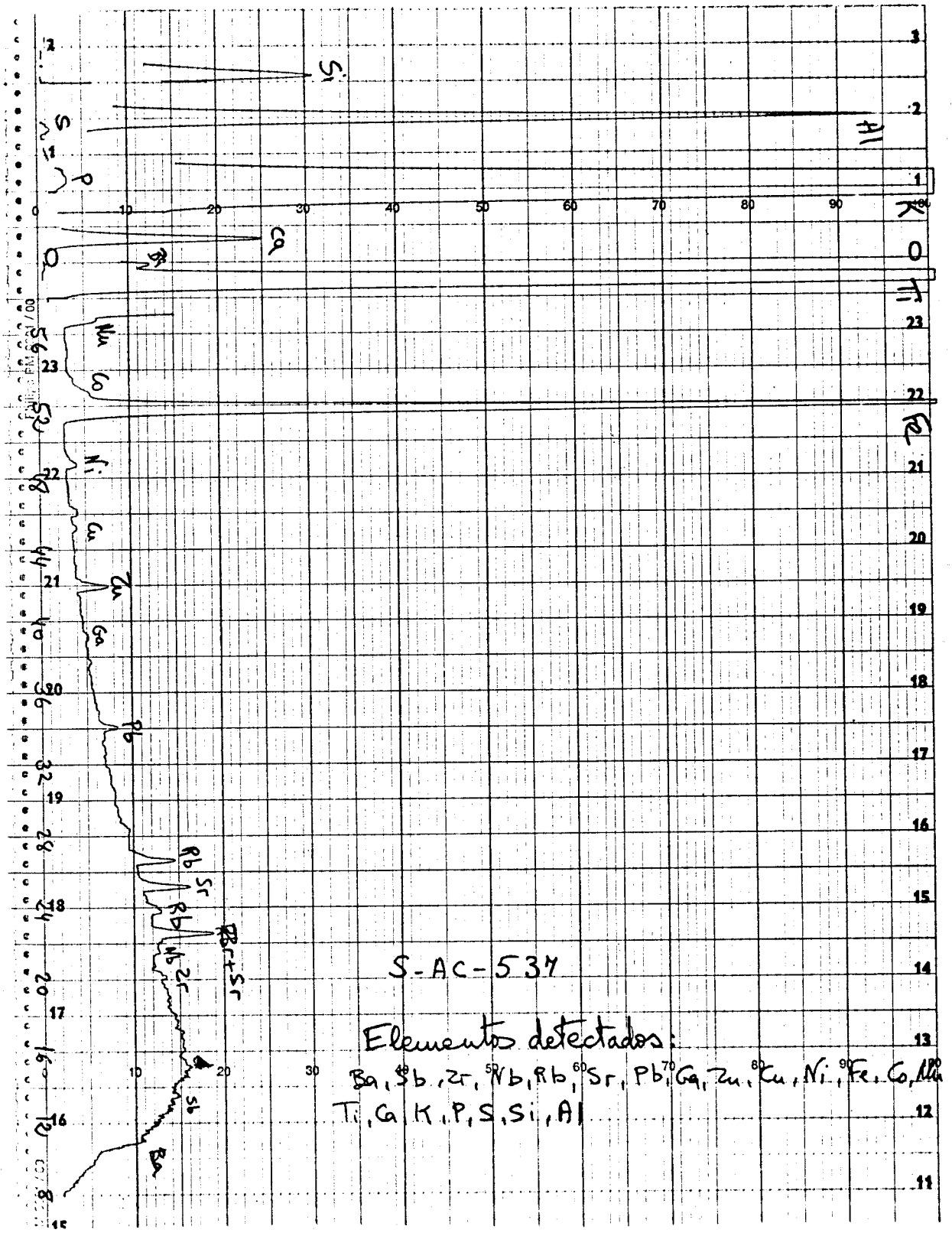


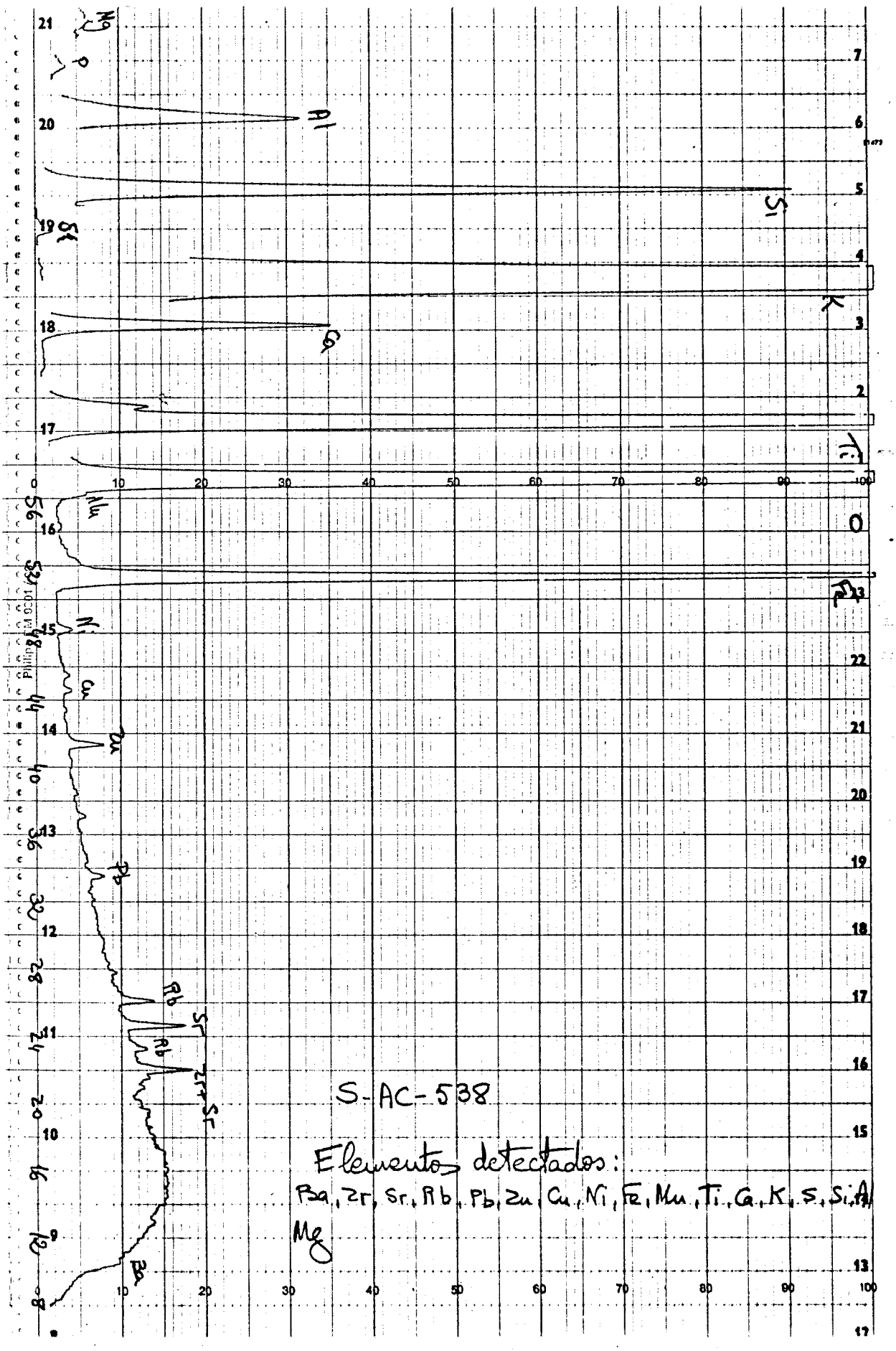
S-AC-536

Elementos detectados:

Ba, Zr, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K

S, Si, Al

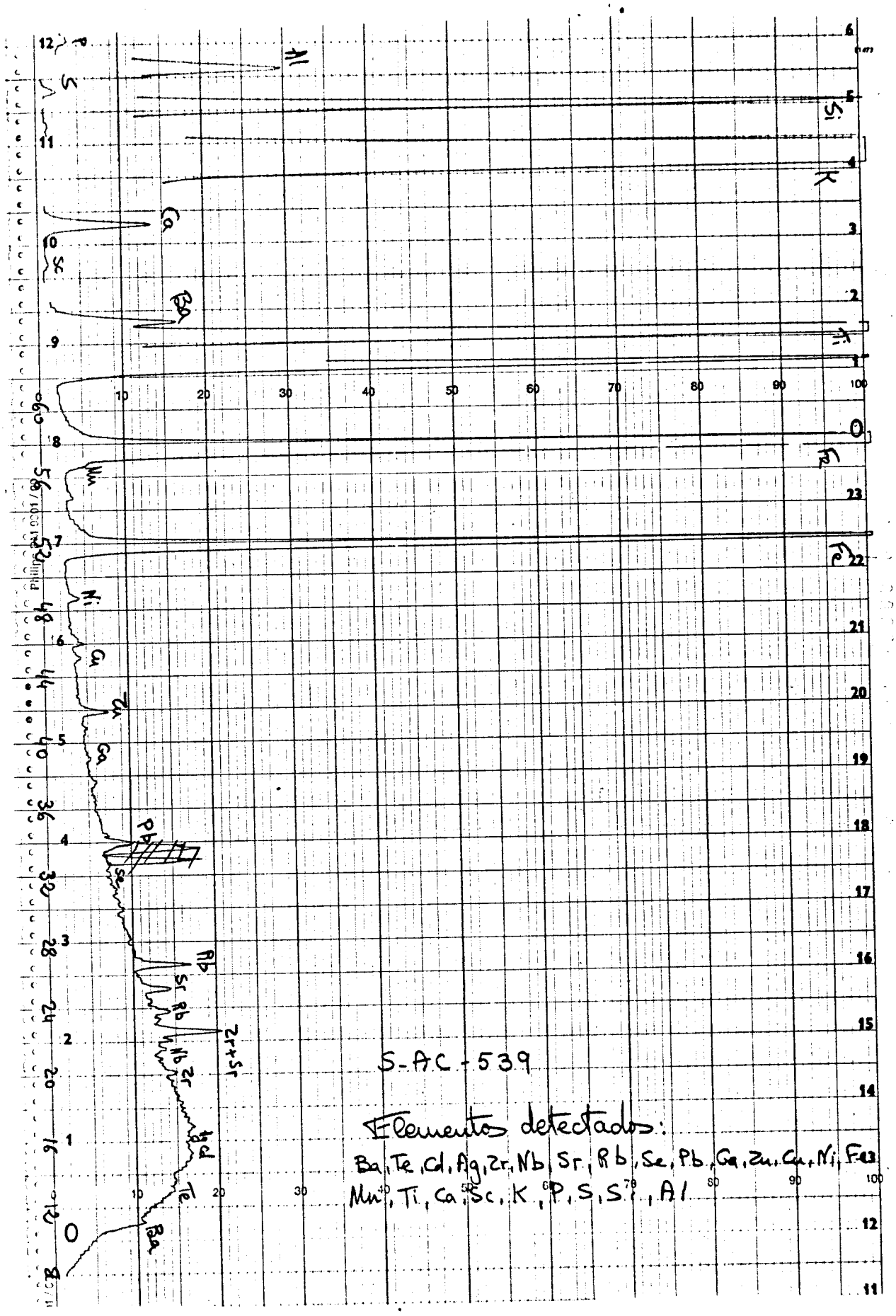

S-AC-537
Elementos detectados:
Ba, Sb, Zr, Nb, Rb, Sr, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Ca, K, P, S, Si, Al



S-AC-538

Elementos detectados:

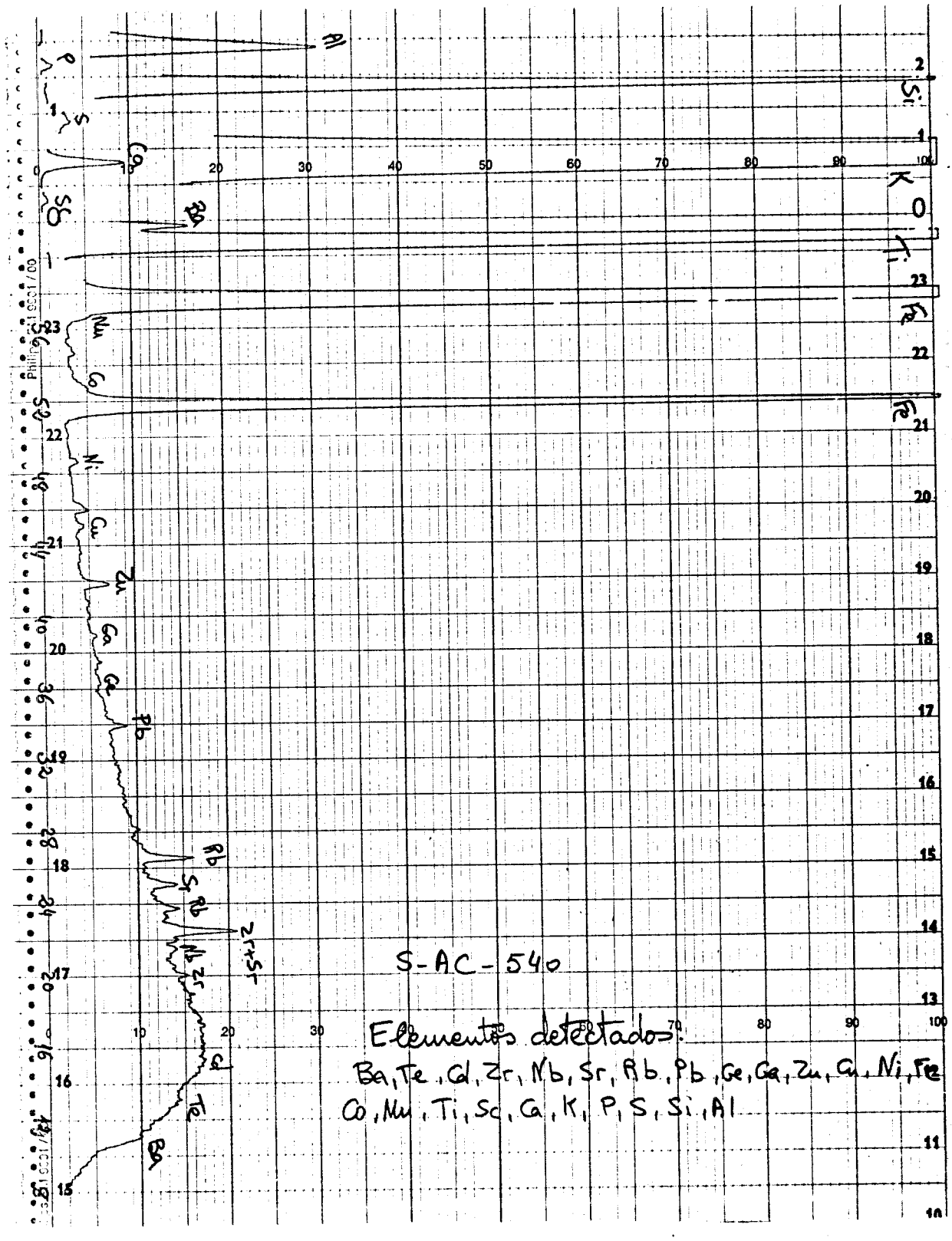
Ba, Zr, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Mn, Ti, Ca, K, S, Si, Al, Mg



S-AC-539

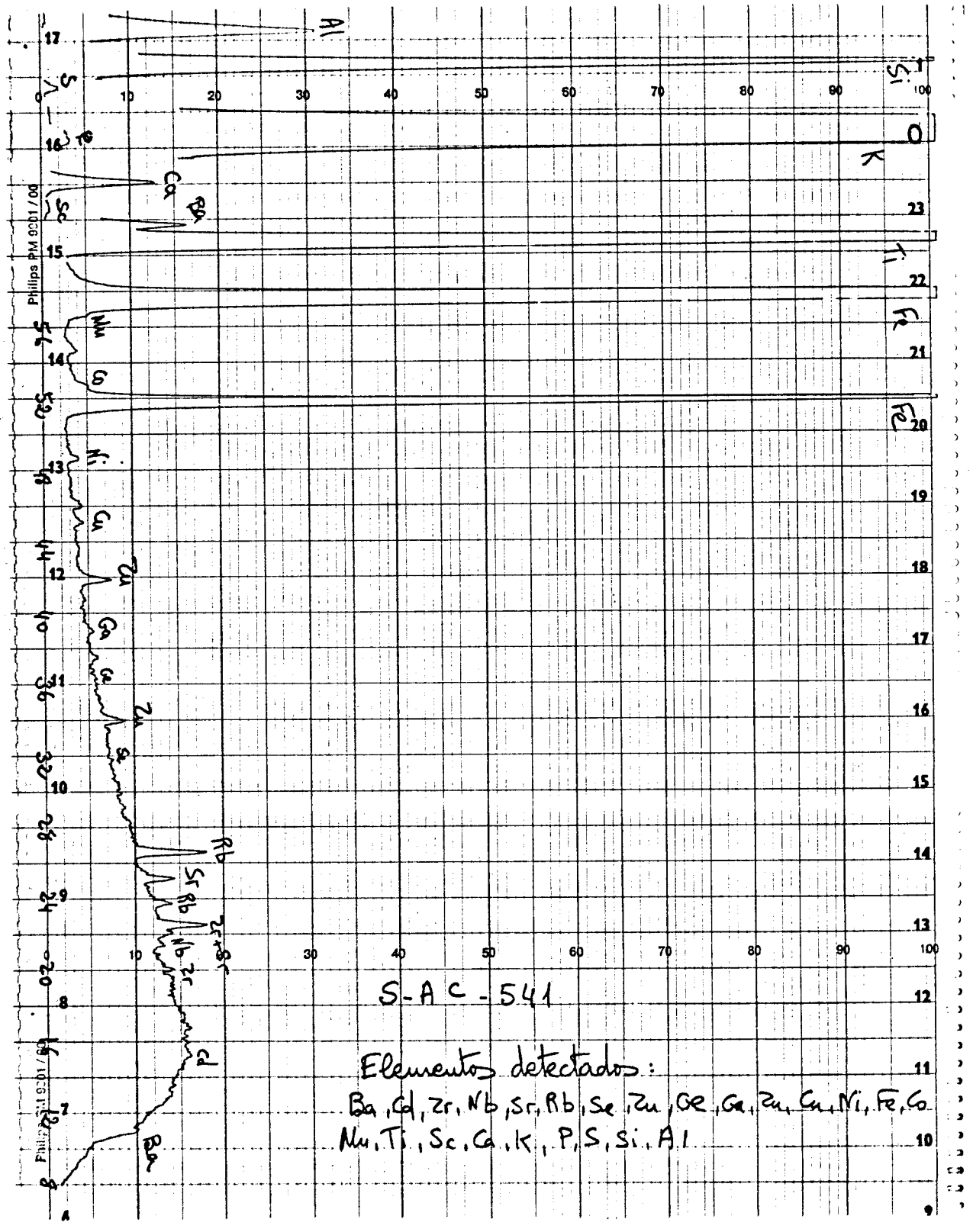
Elementos detectados:

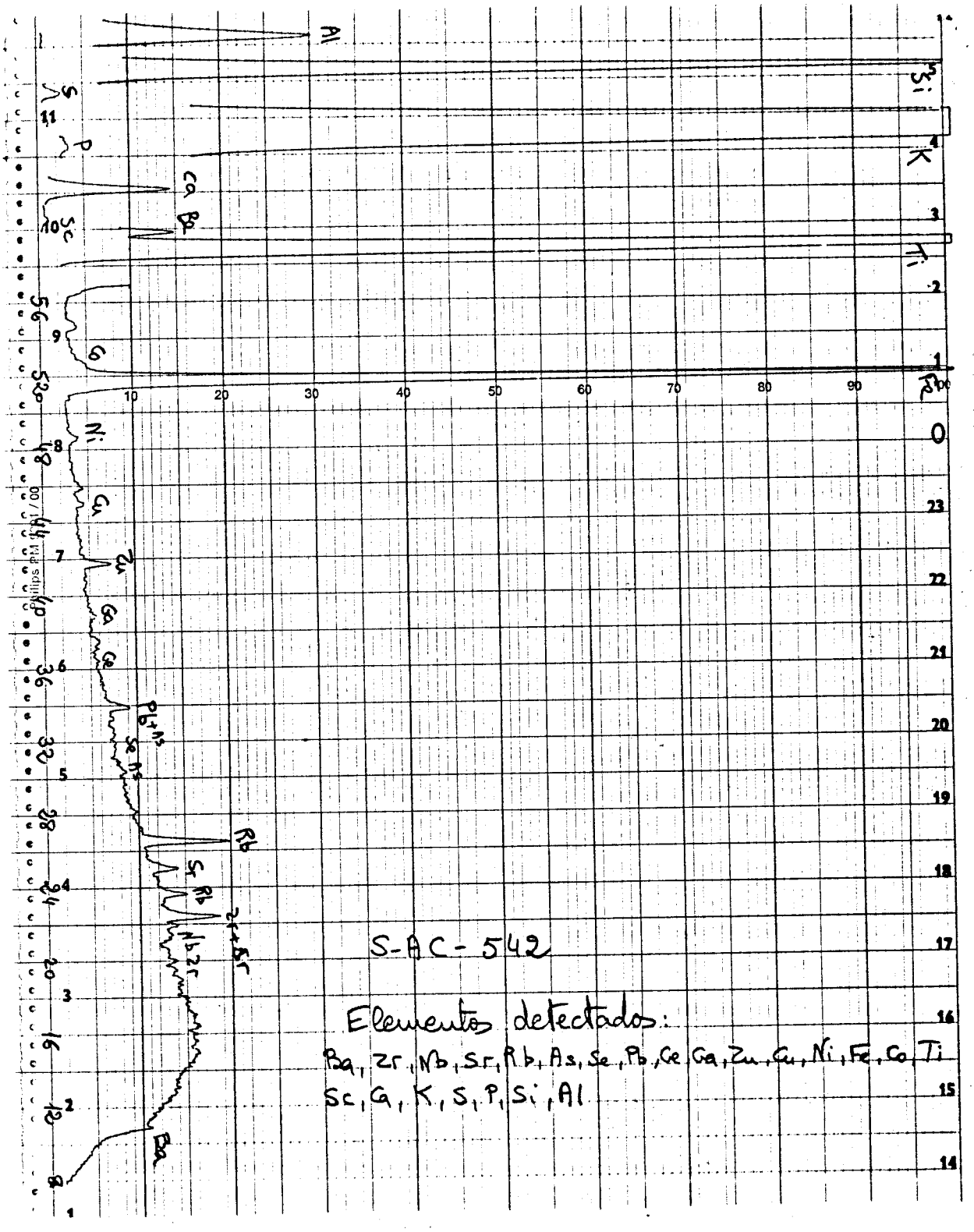
Ba, Te, Cd, Ag, Zr, Nb, Sr, Rb, Se, Pb, Ga, Zn, Cu, Ni, Fe, Mn, Ti, Ca, Sc, K, P, S, Si, Al

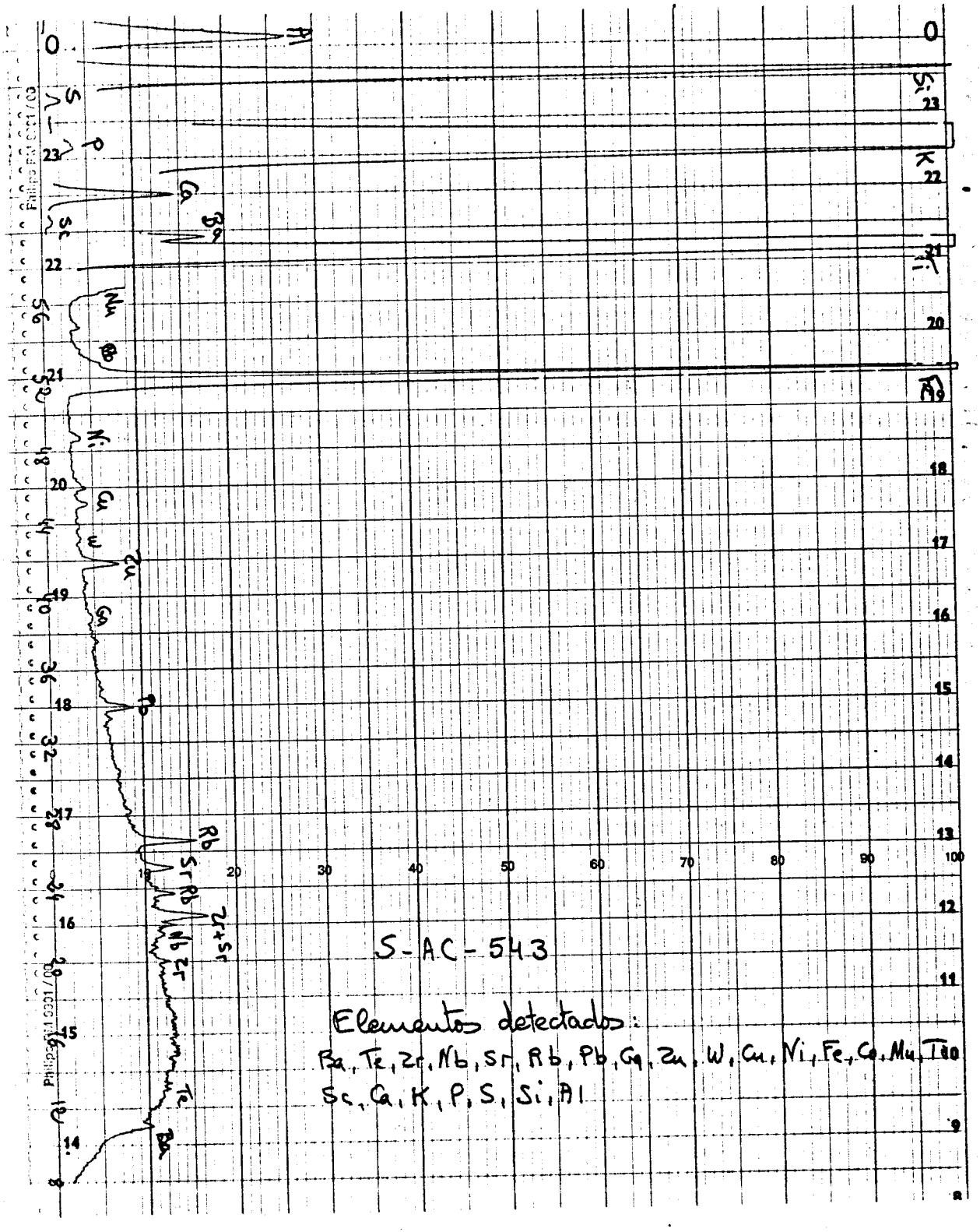


Elementos detectados:

Ba, Te, Cd, Zr, Nb, Sr, Rb, Pb, Ge, Ga, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al


Al
Si
S
K
Ca
Sc
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
Ga
Ge
As
Se
Rb
Sr
Zr
Nb
Mo
Ba
Philips PM 9201/00
S-AC-541
Elementos detectados:
Ba, Cd, Zr, Nb, Sr, Rb, Se, Zn, Ge, Ga, As, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al

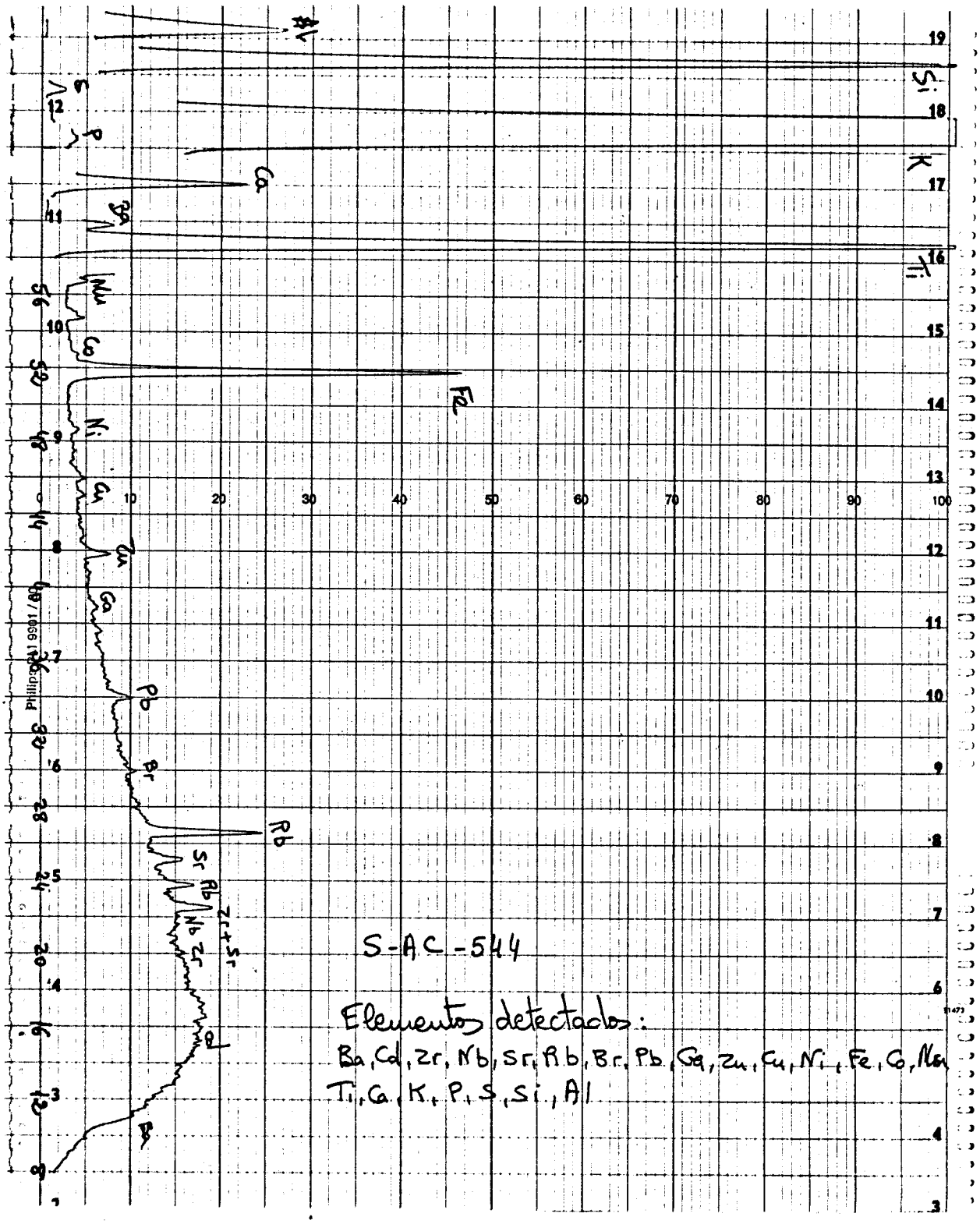

Al
Si
K
Ti
Fe
Ca
Ba
Sc
Co
Ni
Cu
Zn
Ga
Ge
Pb+As
Se
As
Rb
Sr
Nb
Zr+Sr
Ba
10
20
30
40
50
60
70
80
90
100
S-AC-542
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, As, Se, Pb, Ge, Ga, Zn, Cu, Ni, Fe, Co, Ti
Sc, Ca, K, S, P, Si, Al



S-AC-543

Elementos detectados:

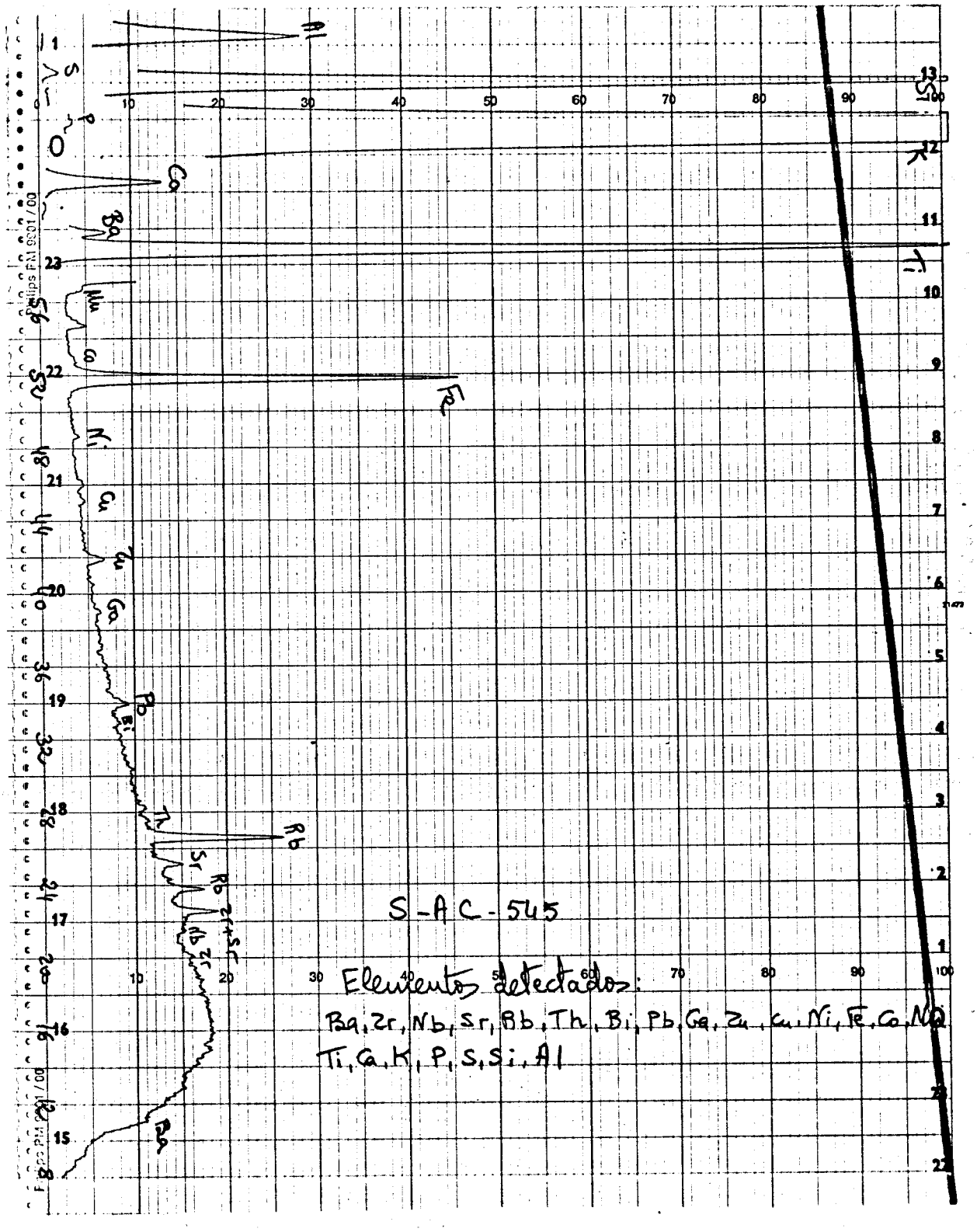
Ba, Te, Zr, Nb, Sr, Rb, Pb, Ga, Zn, W, Cu, Ni, Fe, Co, Mn, Ti
Sc, Ca, K, P, S, Si, Al



S-AC-544

Elementos detectados:

Ba, Cd, Zr, Nb, Sr, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn
Ti, Ca, K, P, S, Si, Al

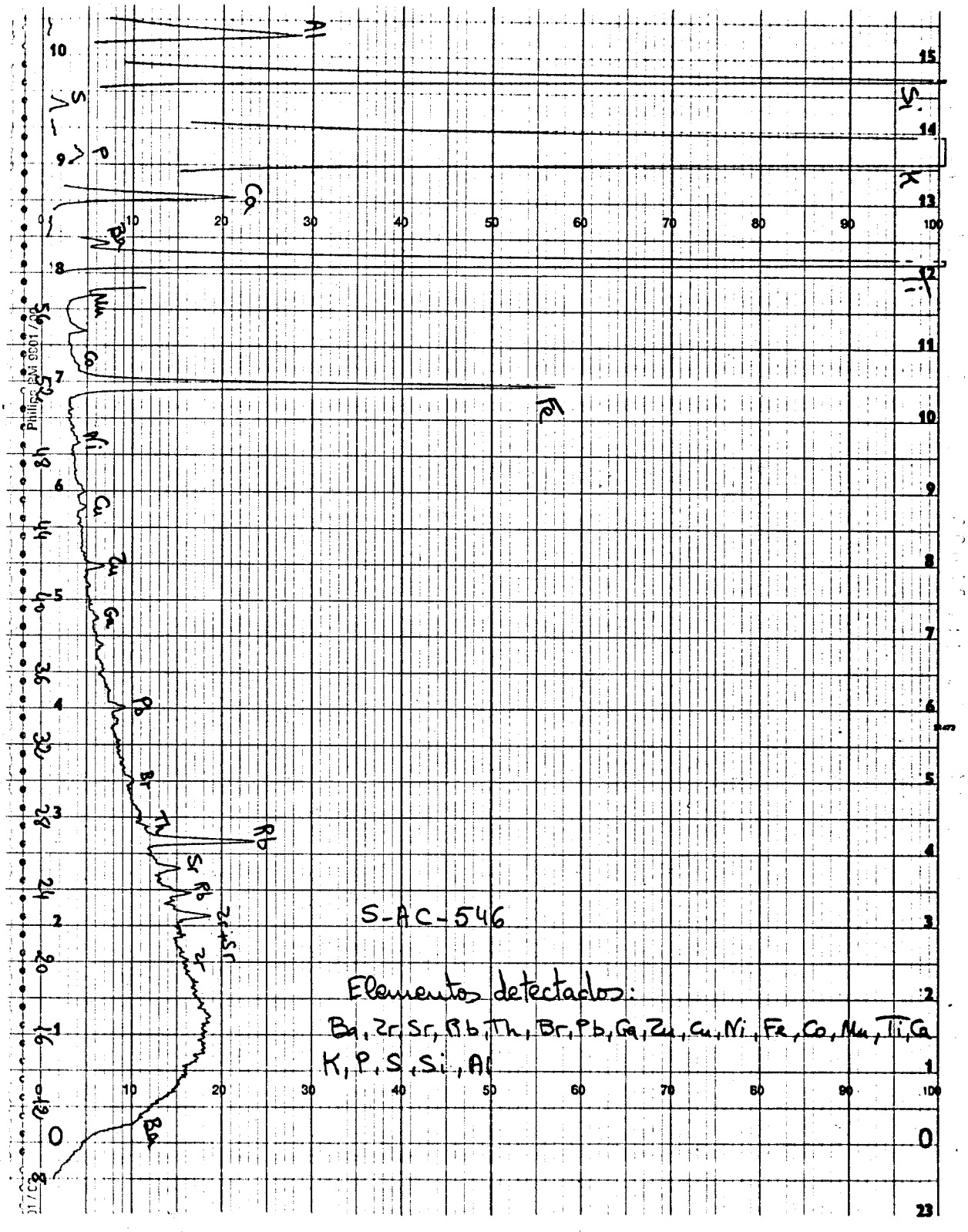


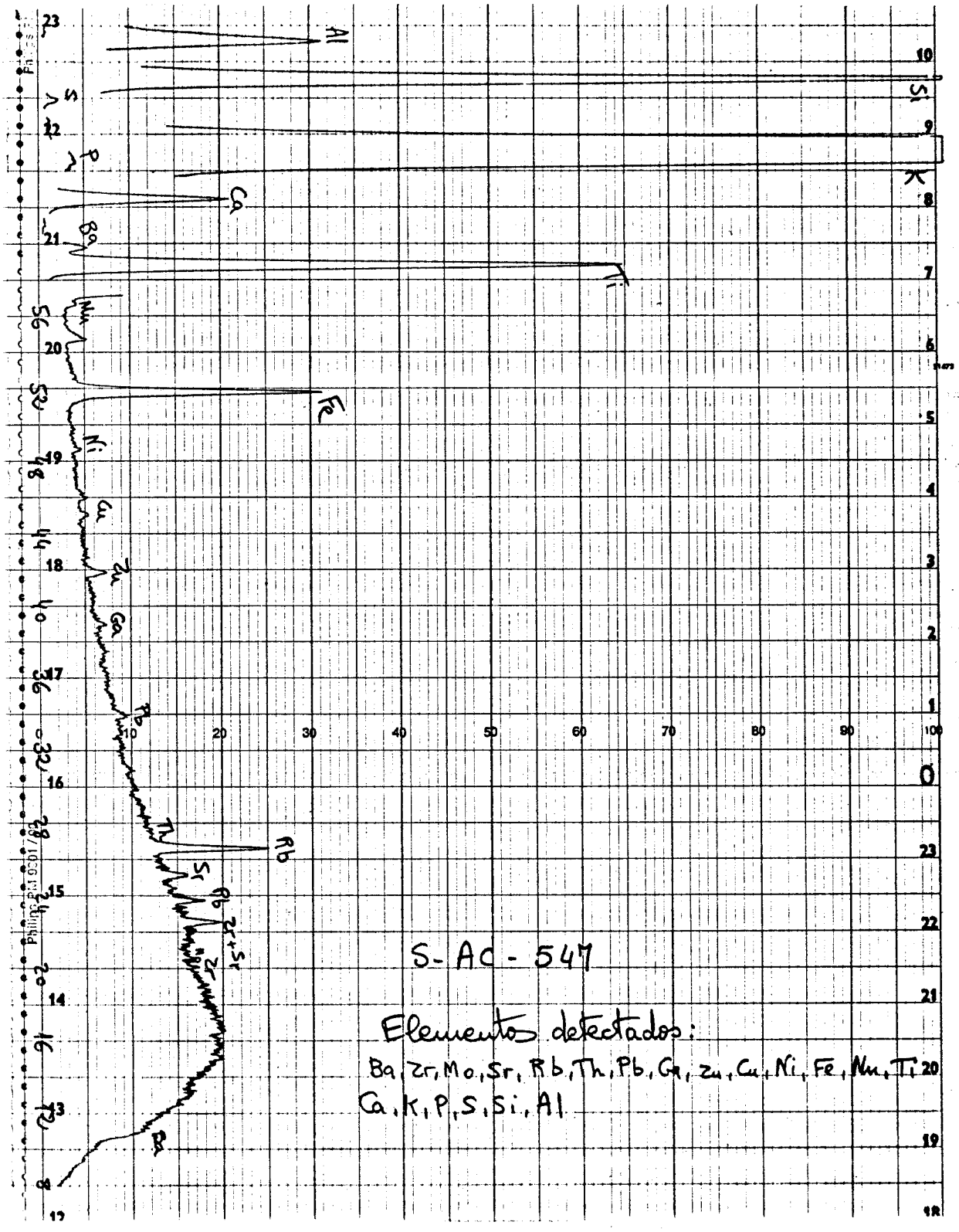
S-AC-545

Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Th, Bi, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn

Ti, Ca, K, P, S, Si, Al


S-AC-546
Elementos detectados:
Ba, Zr, Sr, Rb, Th, Br, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Ca
K, P, S, Si, Al
Al
Si
K
Ti
Fe
Ca
Mn
Co
Ni
Cu
Zn
Ga
Pb
Br
Th
Rb
Sr
Zr+Sr
Zr
Ba

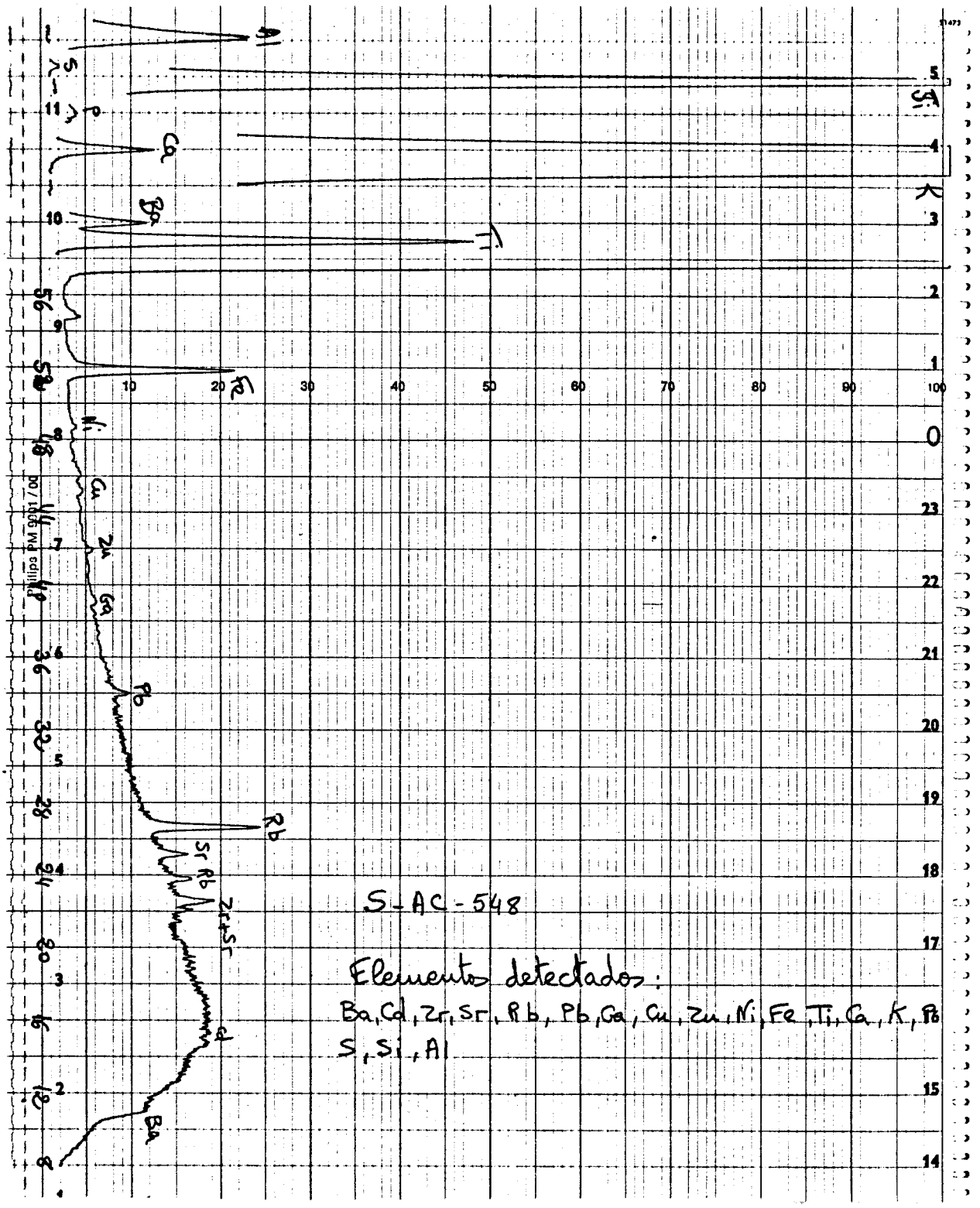


S-AC-547

Elementos detectados:

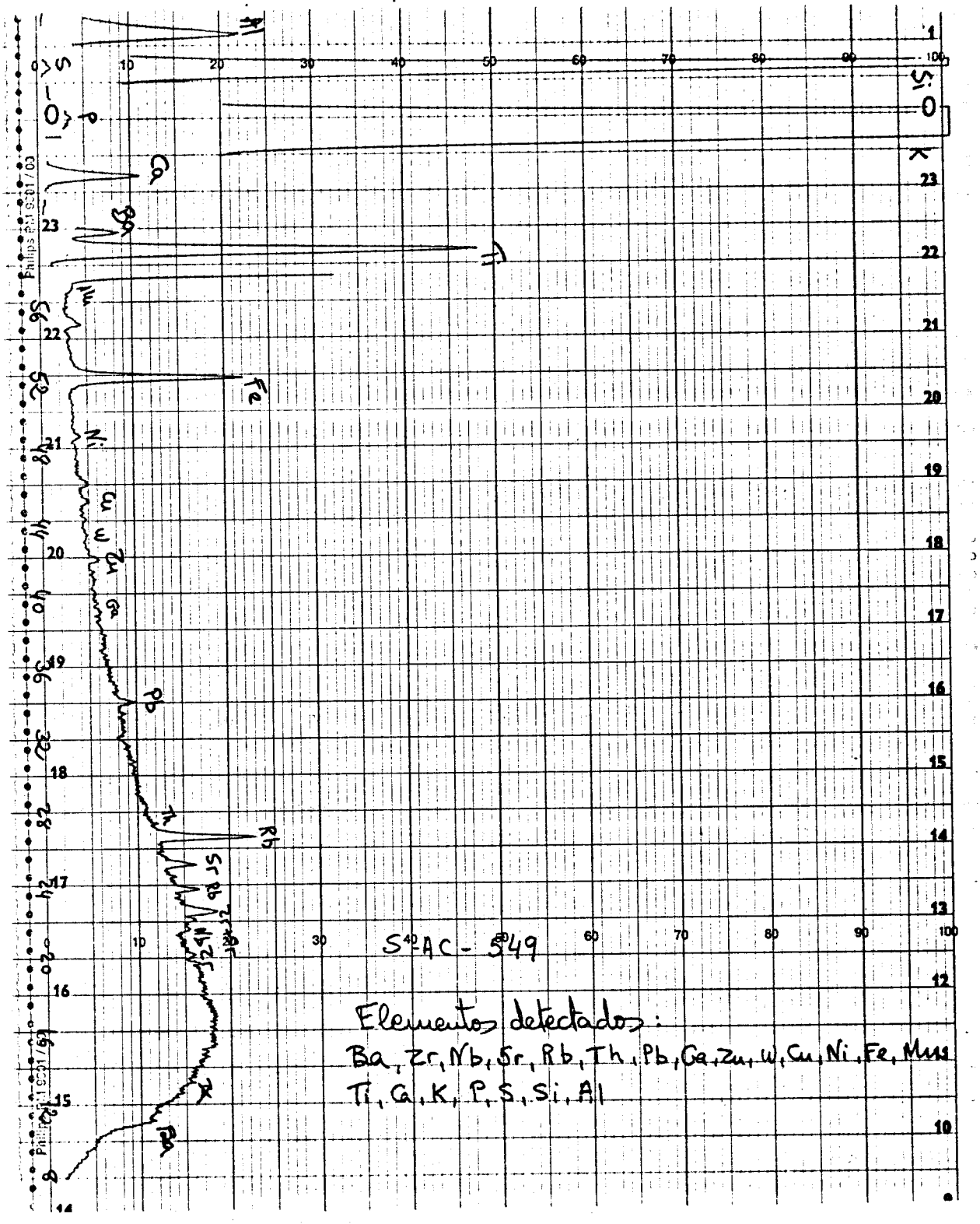
Ba, Zr, Mo, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe, Mn, Ti

Ca, K, P, S, Si, Al



S-AC-548

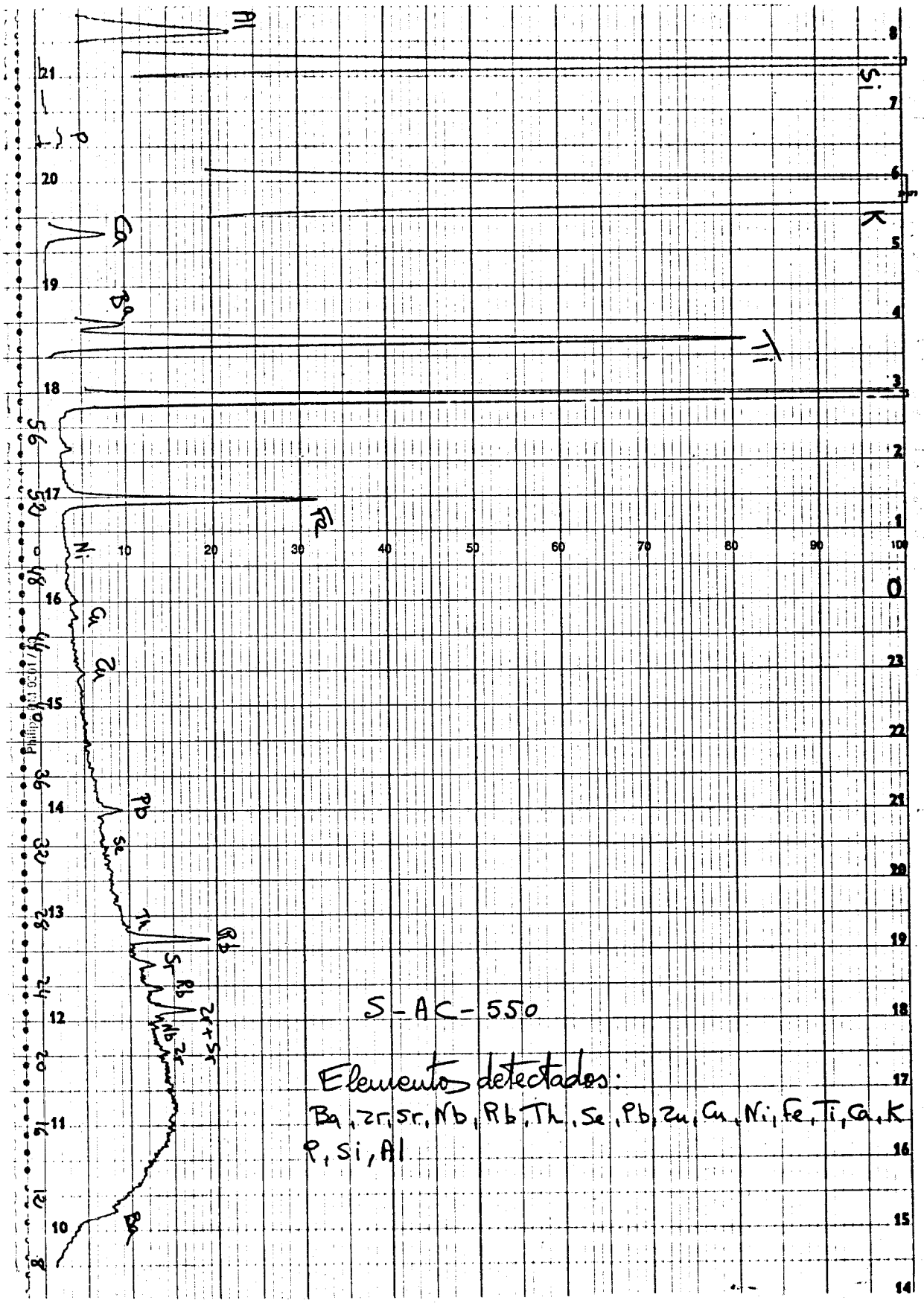
Elementos detectados:
Ba, Cd, Zr, Sr, Rb, Pb, Ga, Cu, Zn, Ni, Fe, Ti, Ca, K, Pb
S, Si, Al



Elementos detectados:

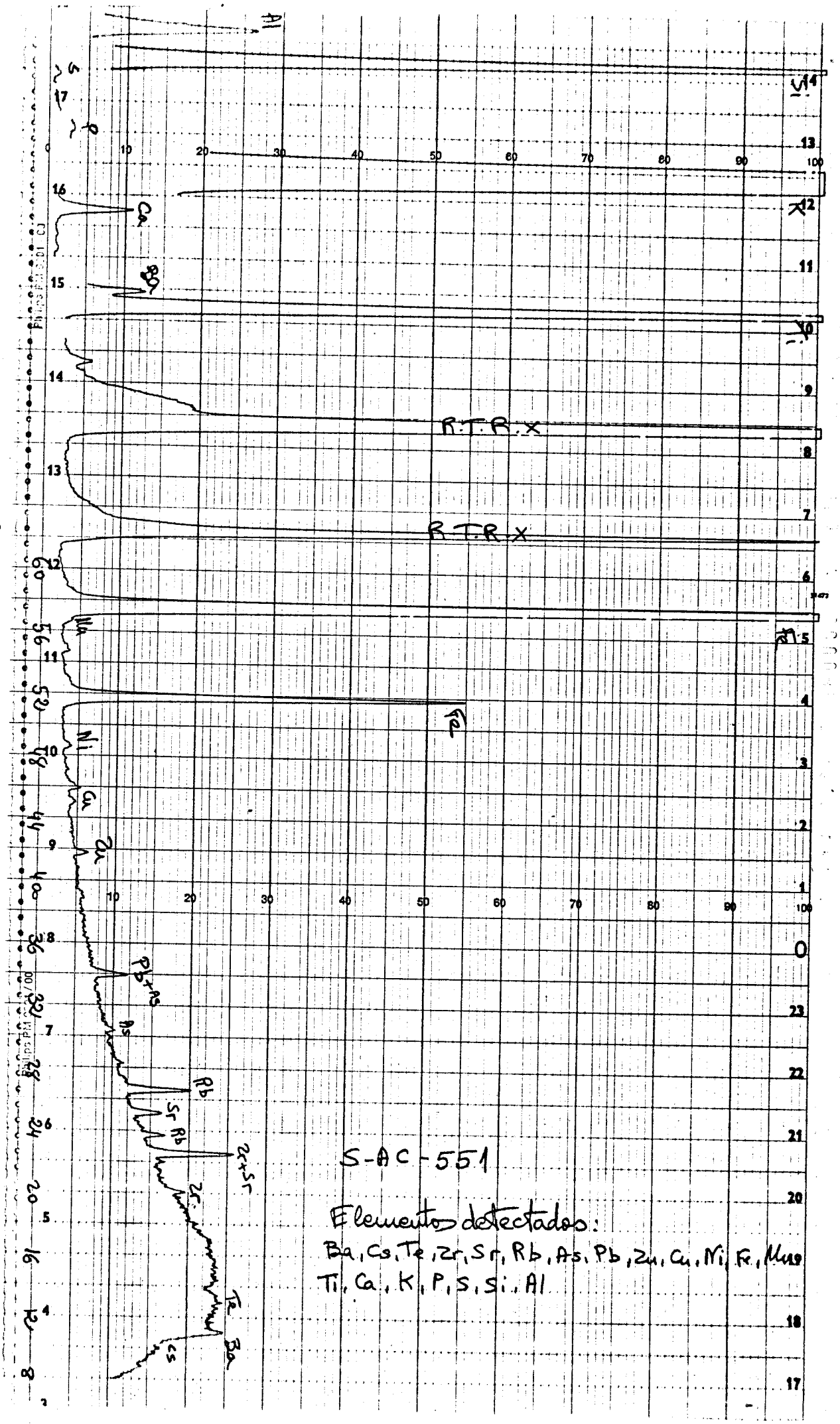
Ba, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, W, Cu, Ni, Fe, Mn

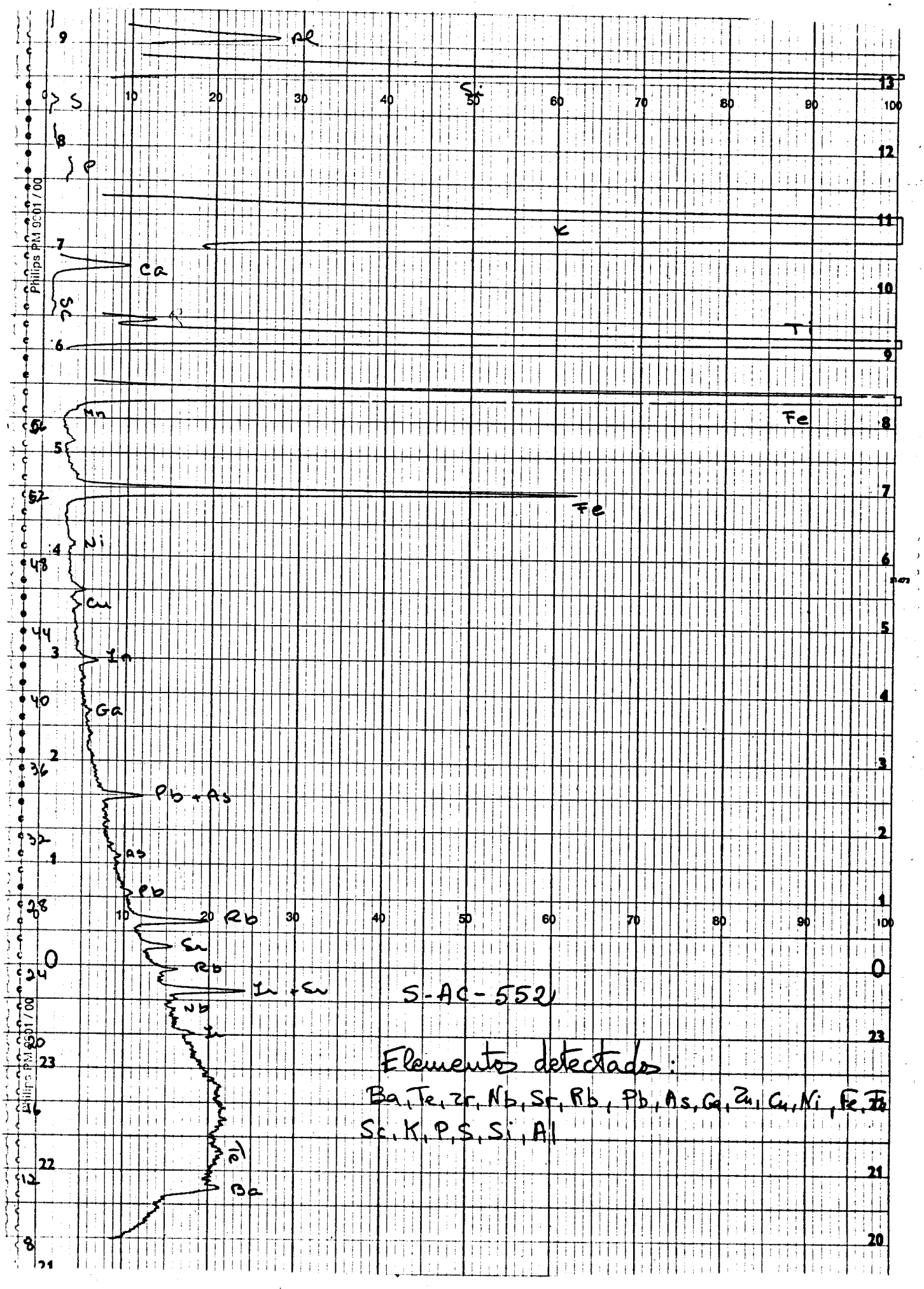
Ti, Ca, K, P, S, Si, Al



S-AC-550

Elementos detectados:
Ba, Zr, Sr, Nb, Rb, Th, Se, Pb, Zn, Cu, Ni, Fe, Ti, Ca, K
P, Si, Al

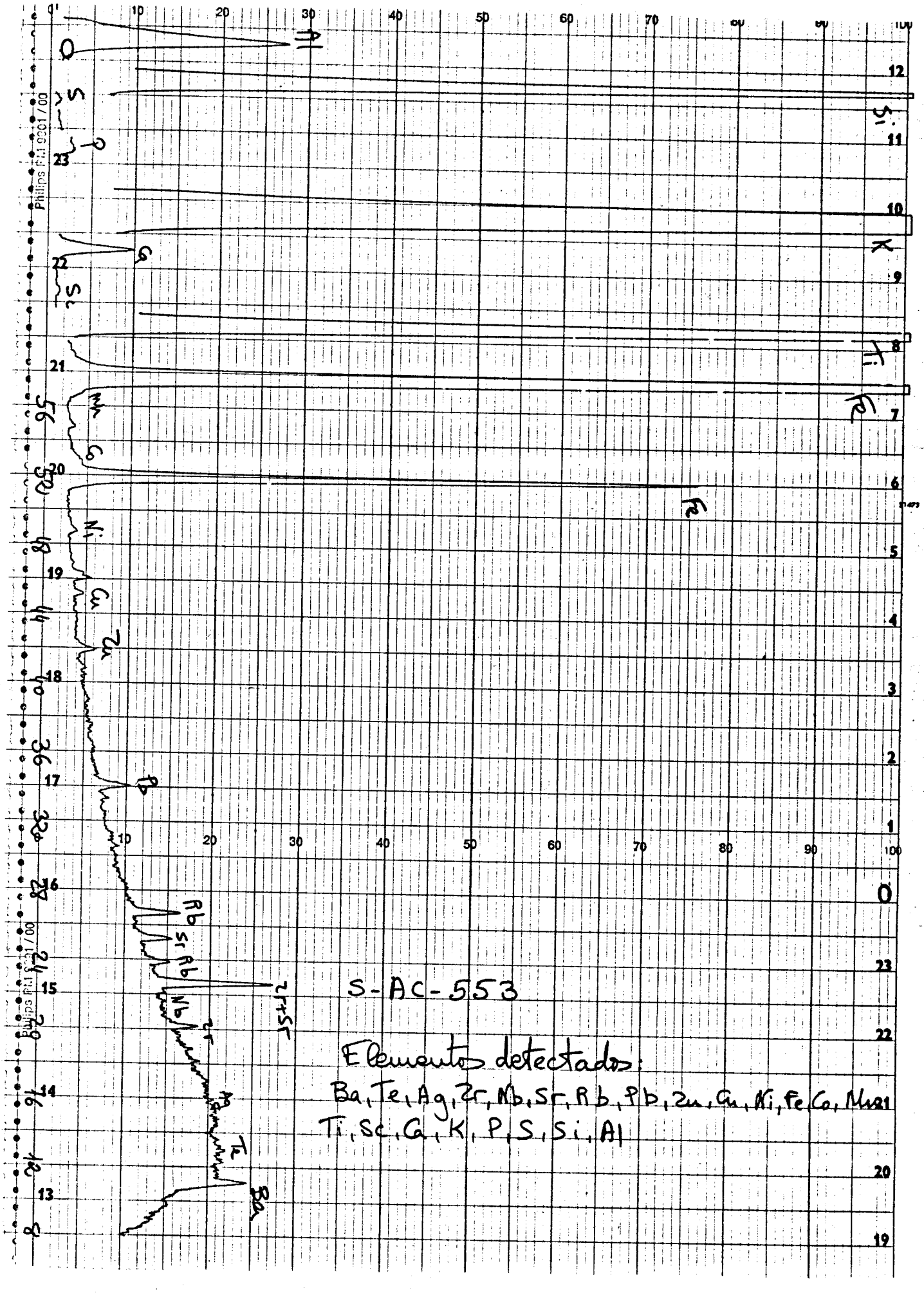

Al
Ca
Rb
R.T.R.X
R.T.R.X
Mn
Fe
Ni
Cu
Zn
Pb+As
As
Rb
Sr Rb
Zr+Sr
Zr
Te
Ba
Cs
S-AC-551
Elementos detectados:
Ba, Cs, Te, Zr, Sr, Rb, As, Pb, Zn, Cu, Ni, Fe, Mn
Ti, Ca, K, P, S, Si, Al

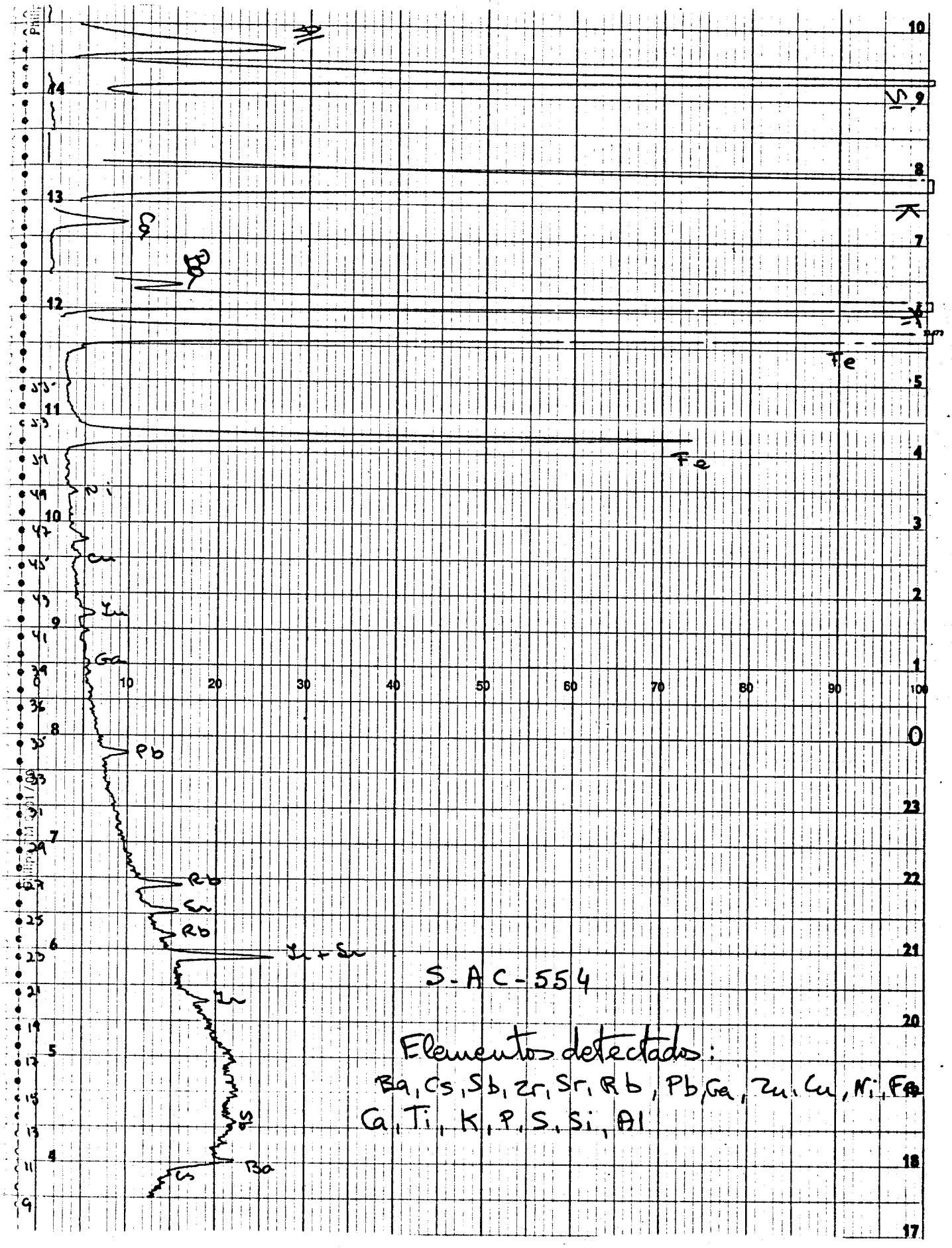


Elementos detectados:

Ba, Te, Zr, Nb, Sr, Rb, Pb, As, Ga, Zn, Cu, Ni, Fe, Mn

Sc, K, P, S, Si, Al


S-AC-553
Elementos detectados:
Ba, Te, Ag, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Co, Mn
Ti, Sc, Ca, K, P, S, Si, Al

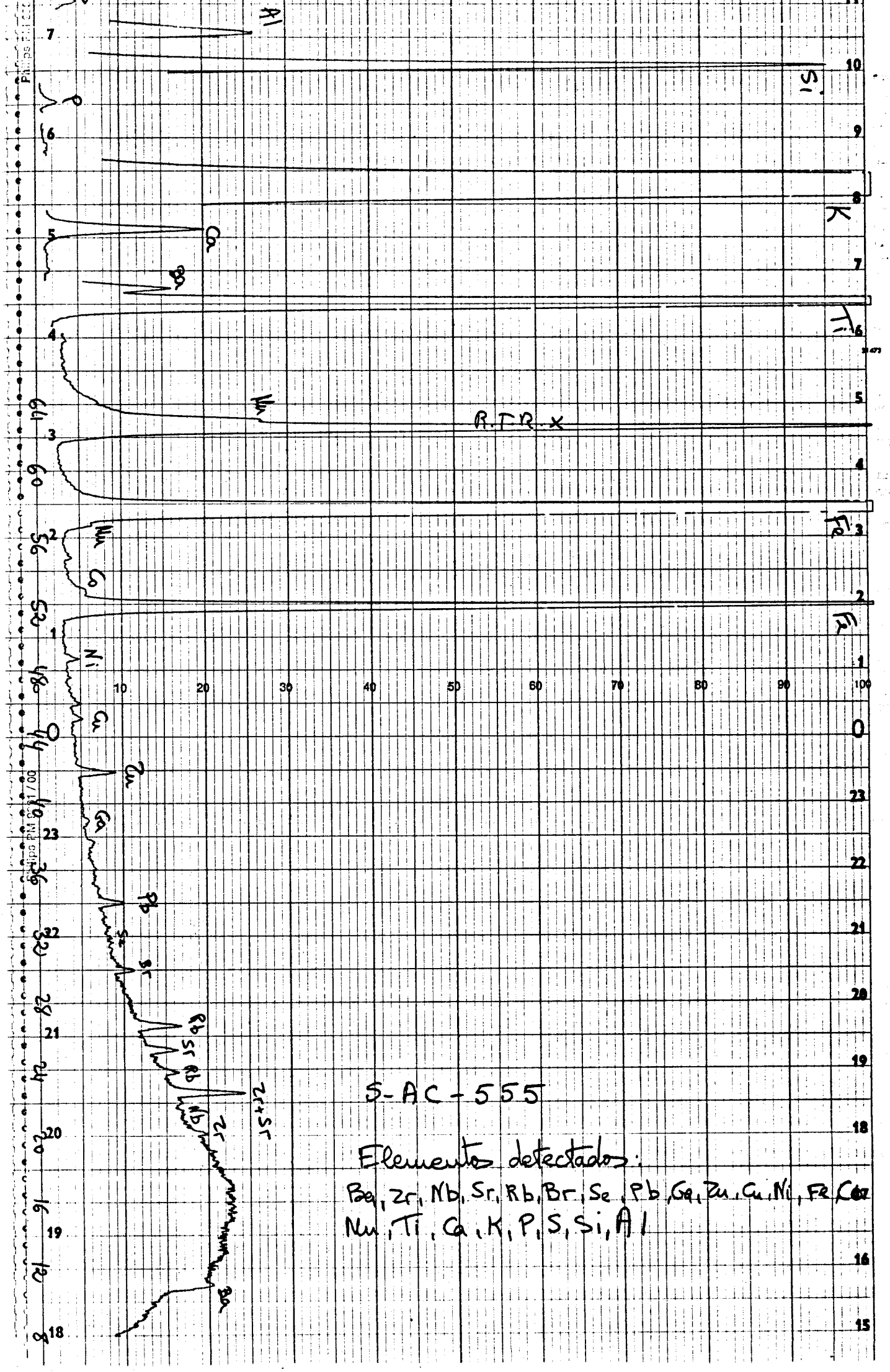


S-AC-554

Elementos detectados:

Ba, Cs, Sb, Zr, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe

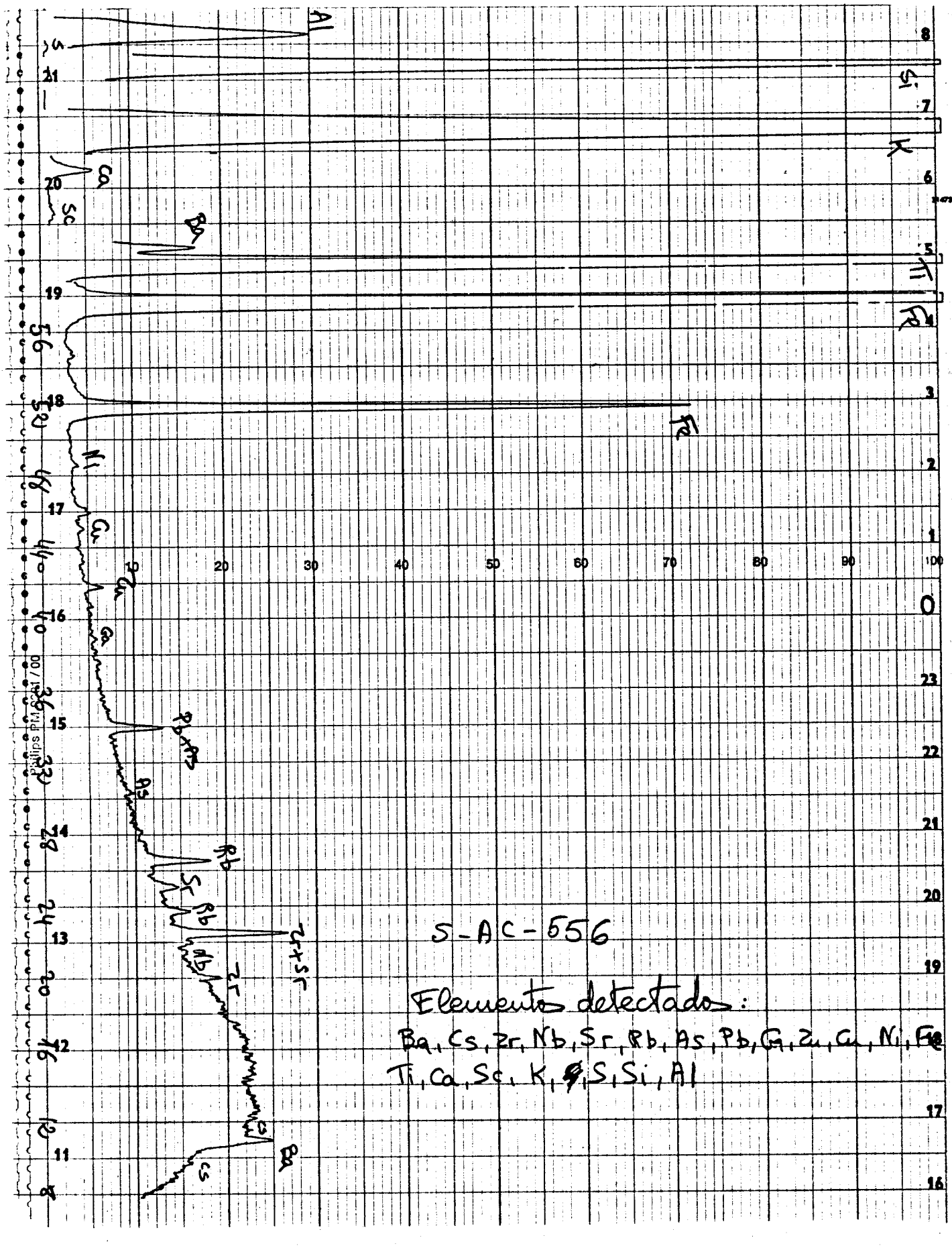
Ca, Ti, K, P, S, Si, Al

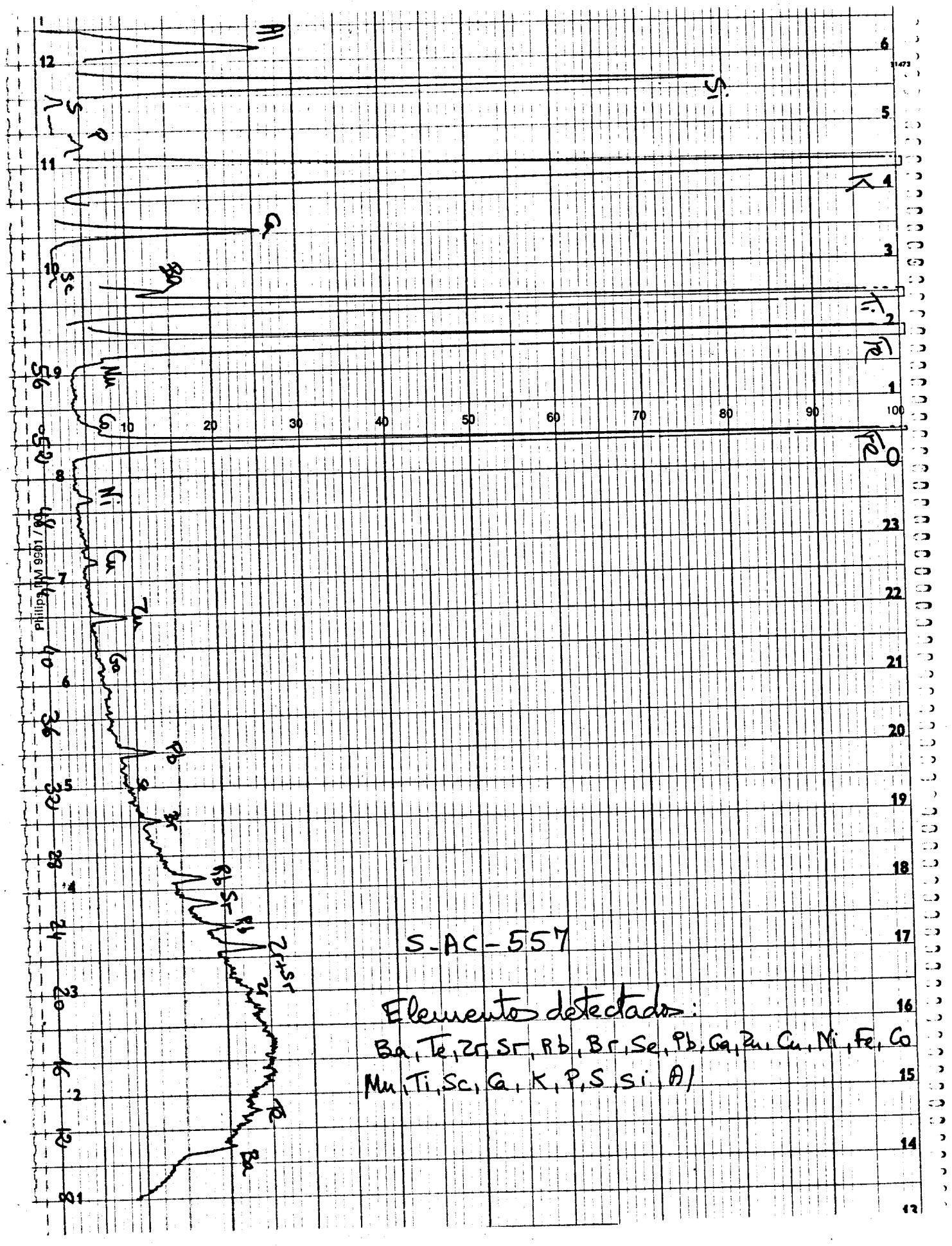


S-AC-555

Elementos detectados:

Be, Zr, Nb, Sr, Rb, Br, Se, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Ca, K, P, S, Si, Al

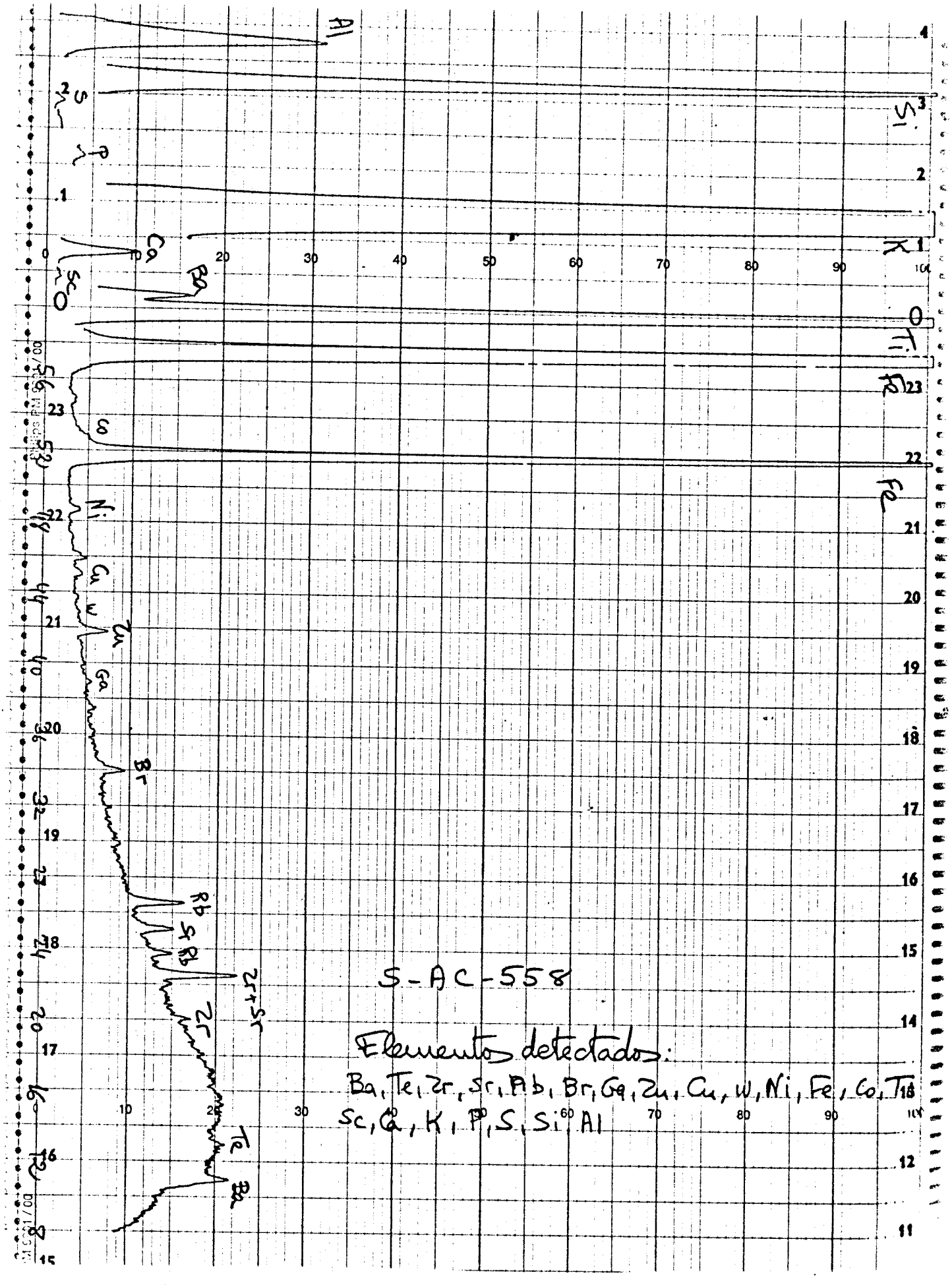

Al
Si
K
Ca
Sc
Ba
Ti
Fe
Mn
Fe
Ni
Cu
Zn
Ga
Pb
As
Rb
Sr
Rb
Zr
Zr+Sr
Nb
Ba
Cs
S-AC-556
Elementos detectados:
Ba, Cs, Zr, Nb, Sr, Rb, As, Pb, Ga, Zn, Cu, Ni, Fe
Ti, Ca, Sc, K, S, Si, Al



S-AC-557

Elementos detectados:

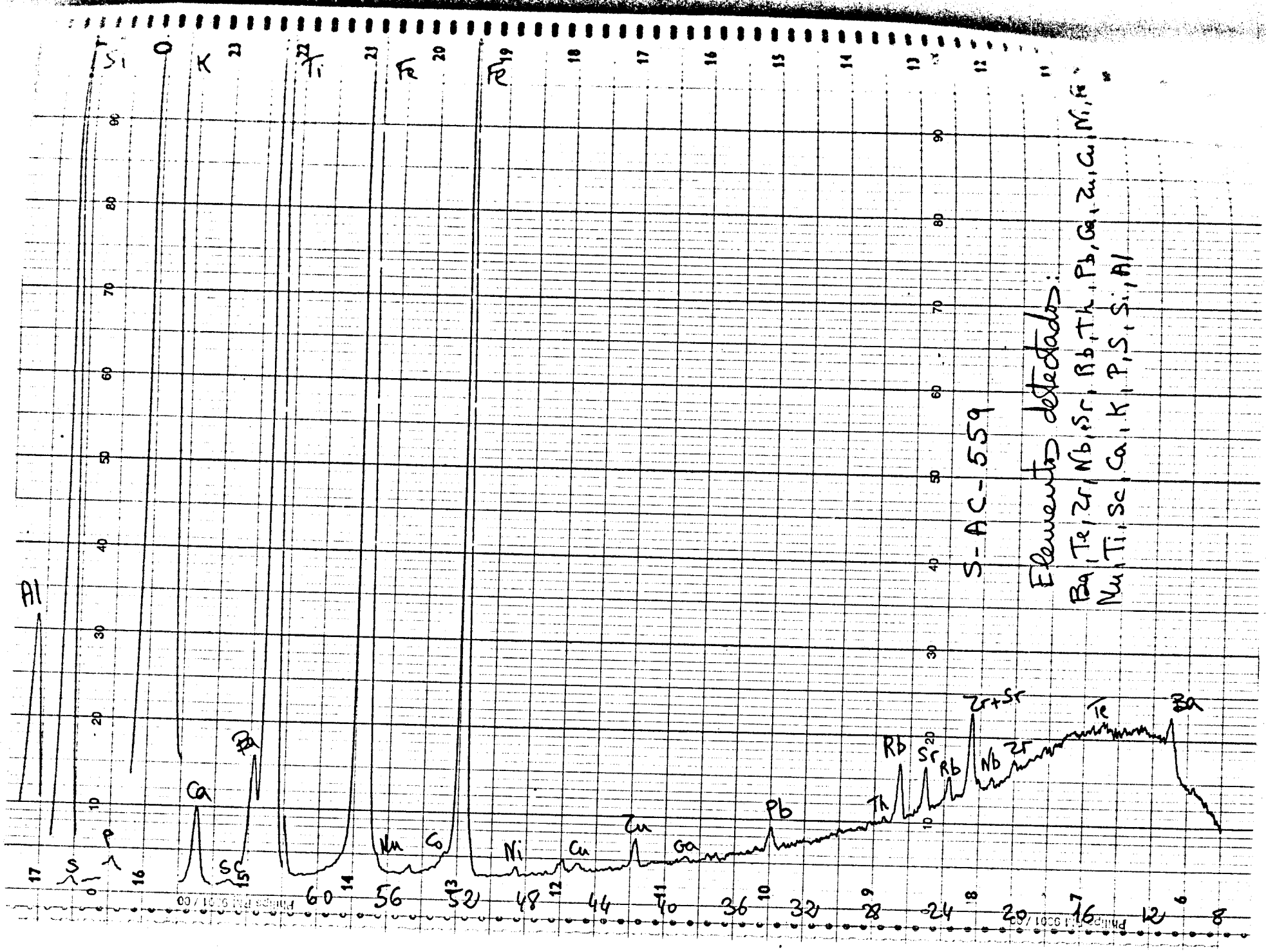
Ba, Te, Zr, Sr, Rb, Br, Se, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Sc, Ca, K, P, S, Si, Al

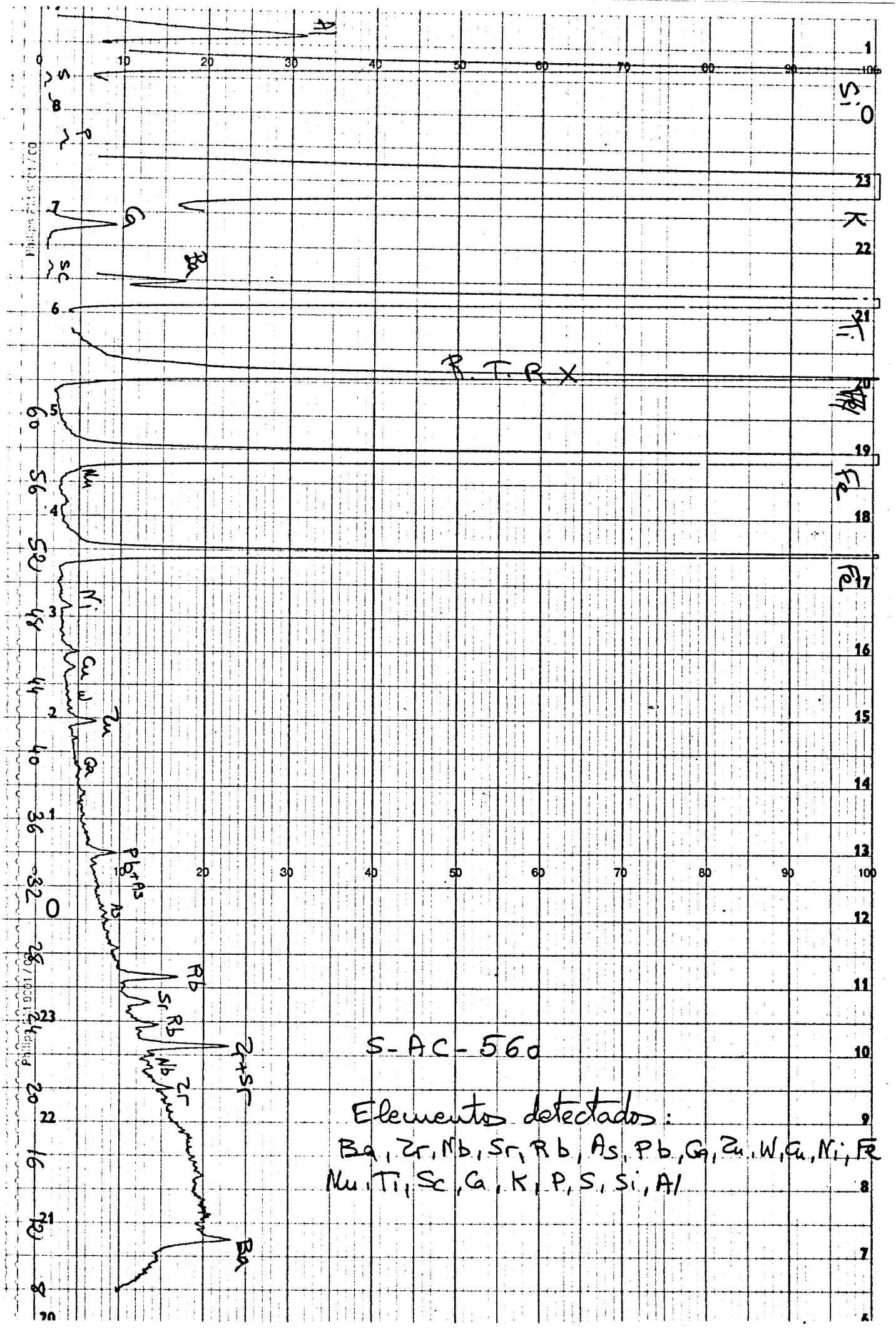


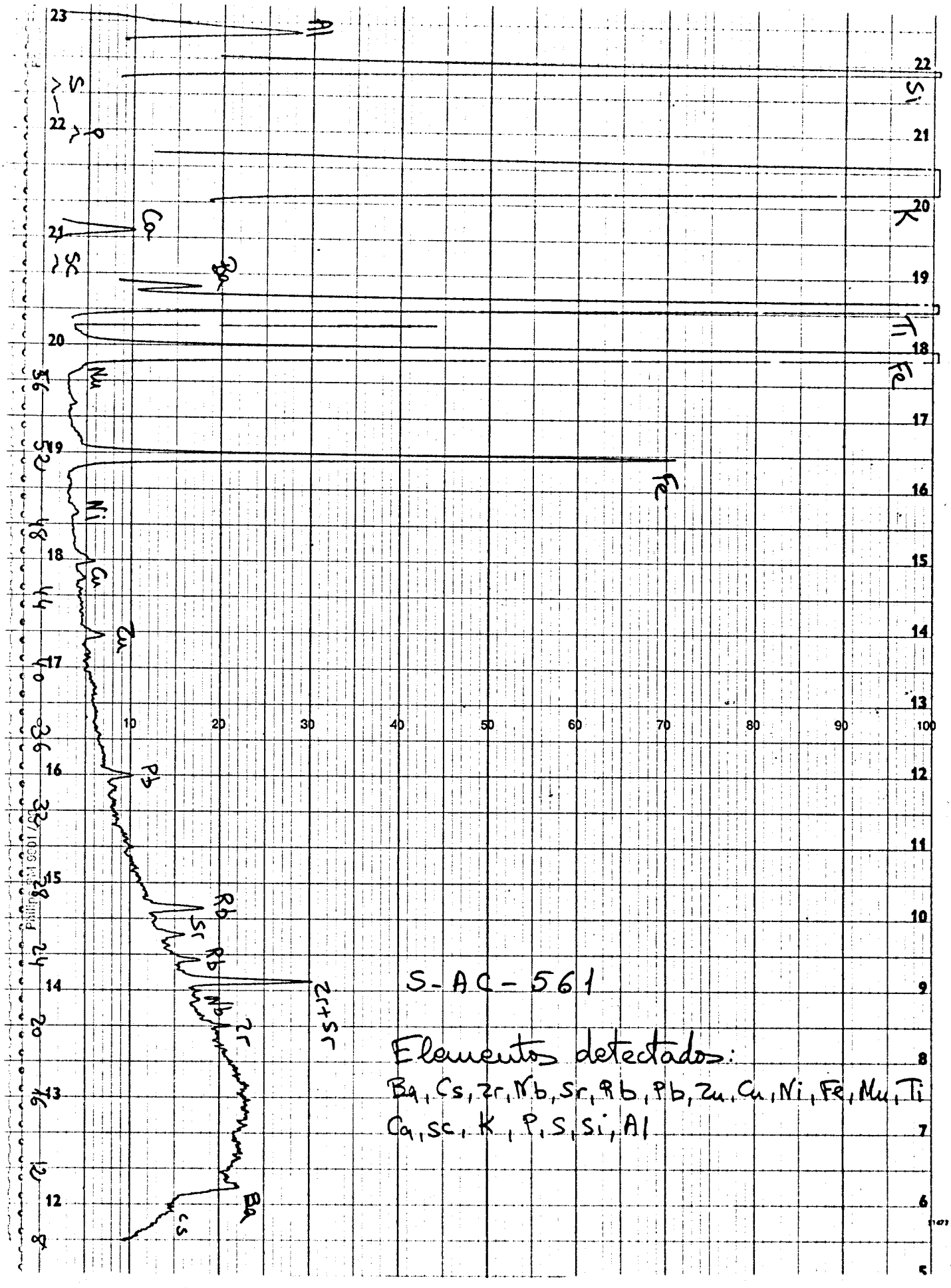
S-AC-558

Elementos detectados:

Ba, Te, Zr, Sr, Rb, Br, Ga, Zn, Cu, W, Ni, Fe, Co, Ti
Sc, Ca, K, P, S, Si, Al


S-AC-559
Elementos detectados:
Ba, Te, Zr, Nb, Sr, Rb, Th, Pb, Ga, Zn, Cu, Ni, Fe
Mn, Ti, Sc, Ca, K, P, S, Si, Al
Si
O
K
Ti
Fe
Fe
Al
Ca
Ba
Mn
Co
Ni
Cu
Zn
Ga
Pb
Th
Rb
Sr
Rb
Nb
Zr+Sr
Te
Ba

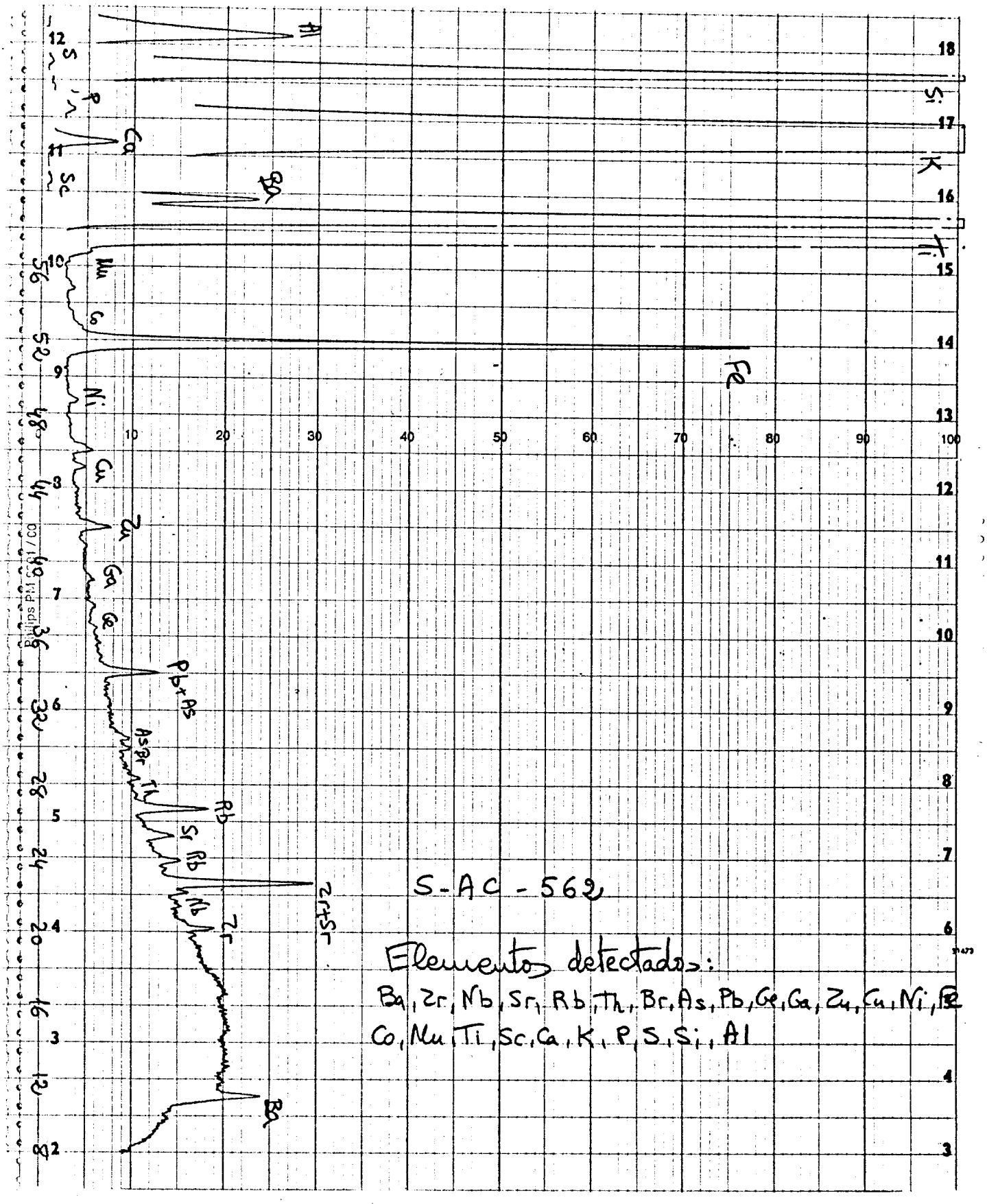

Si
K
Ti
Mn
Fe
Fe
Ba
Ba
Ba



S-AC-561

Elementos detectados:

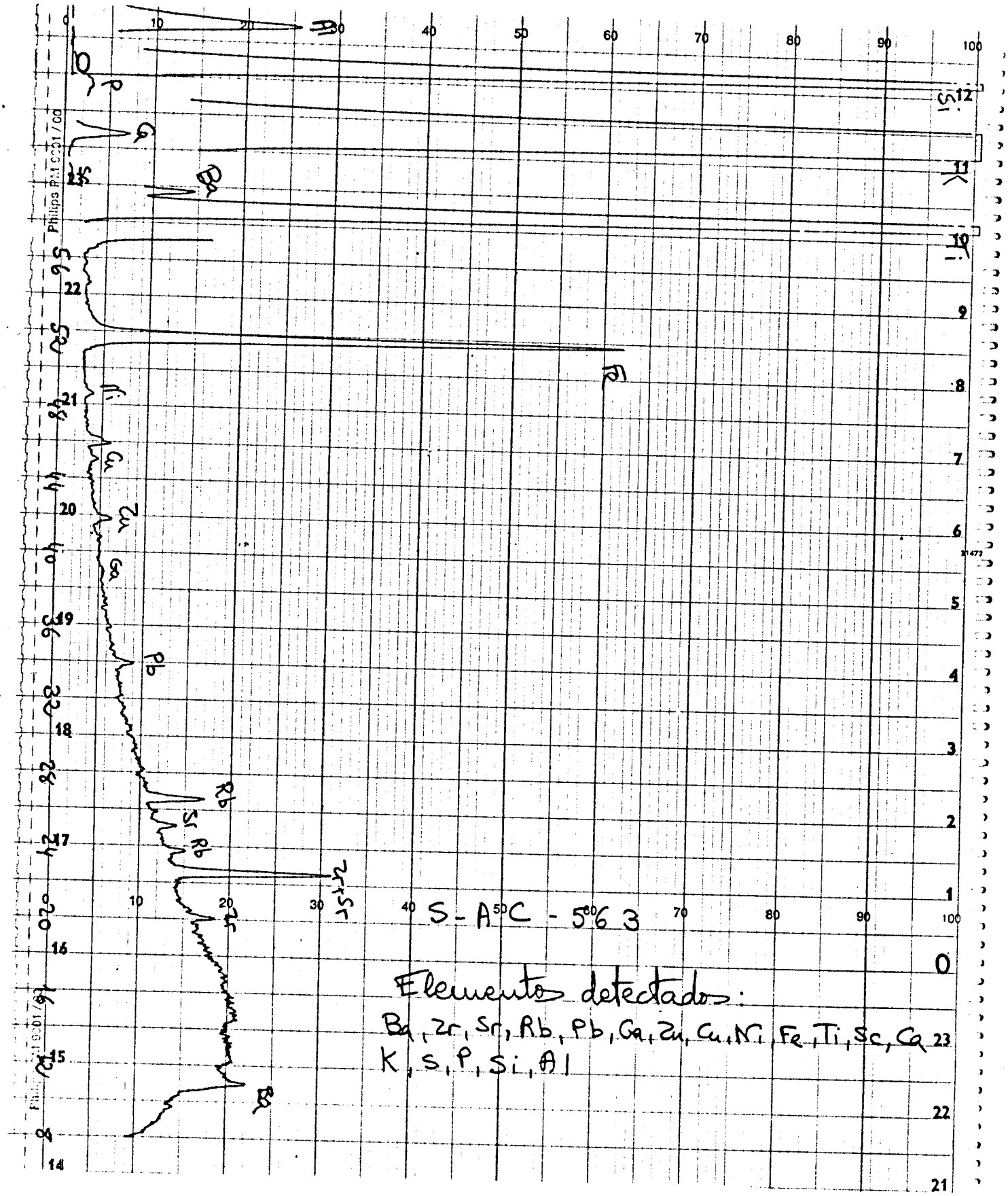
Ba, Cs, Zr, Nb, Sr, Rb, Pb, Zn, Cu, Ni, Fe, Mn, Ti
Ca, Sc, K, P, S, Si, Al



S-AC-562

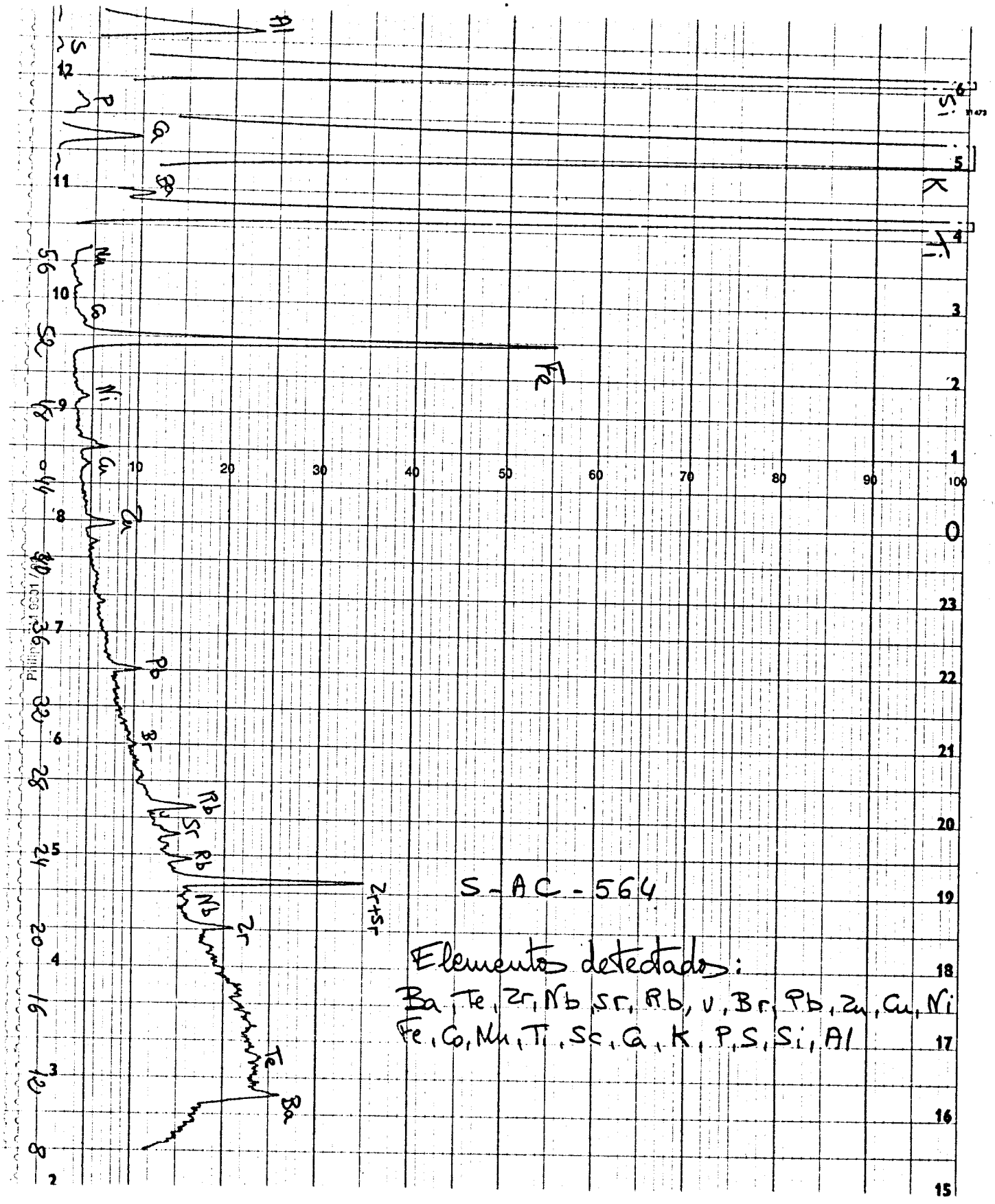
Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Th, Br, As, Pb, Ge, Ga, Zn, Cu, Ni, Fe
Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al



Elementos detectados:

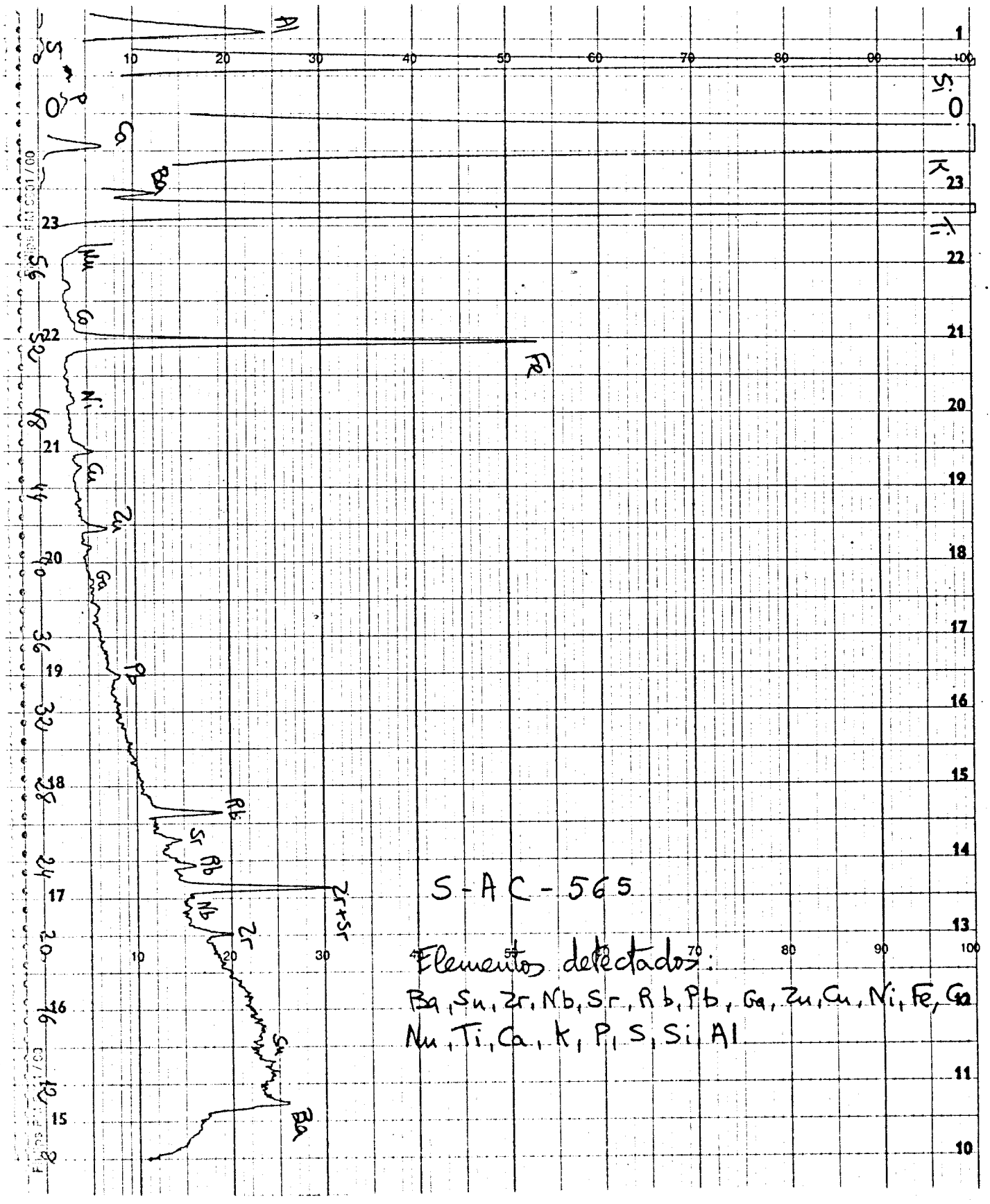
Ba, Zr, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Ti, Sc, Ca
K, S, P, Si, Al

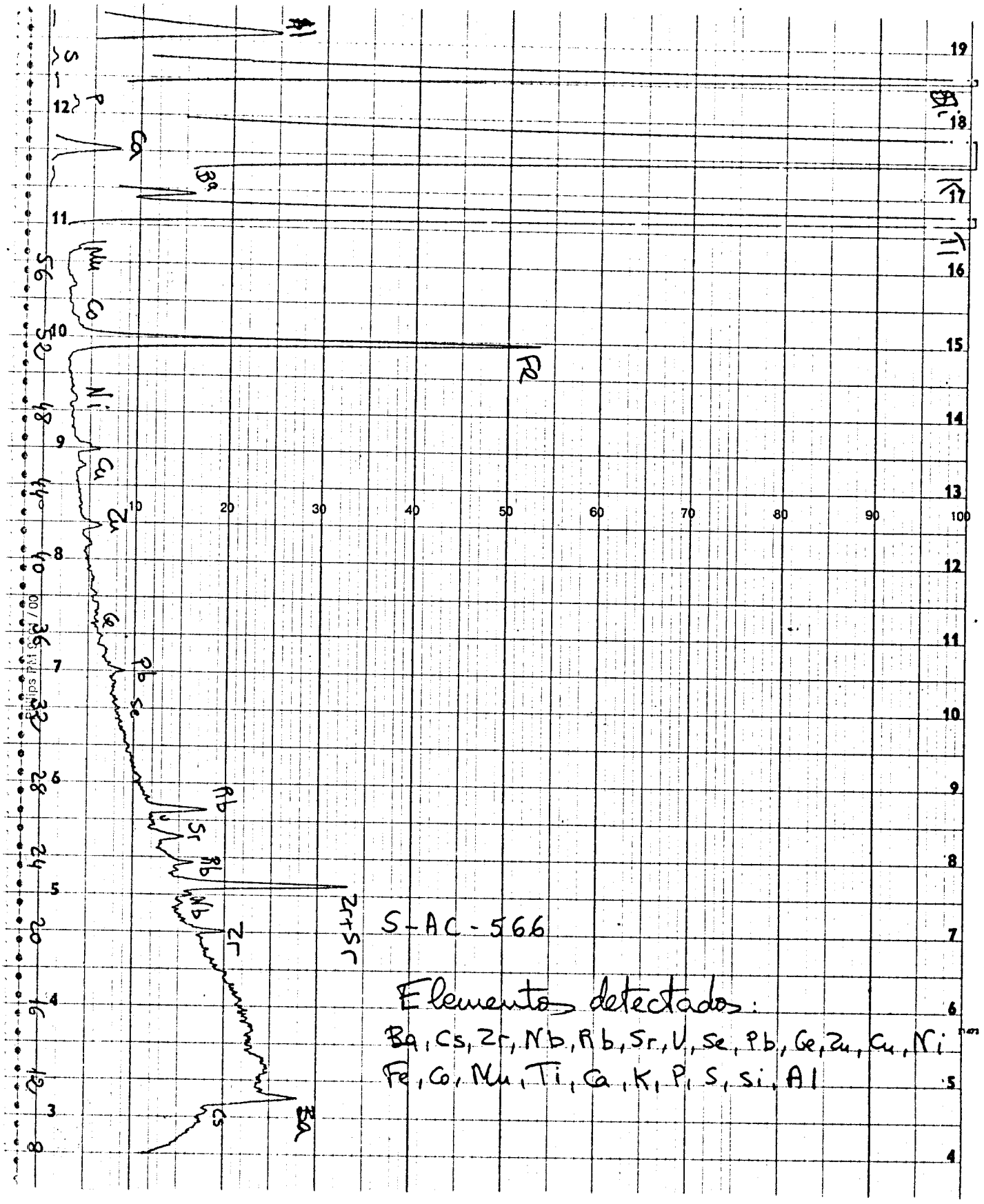


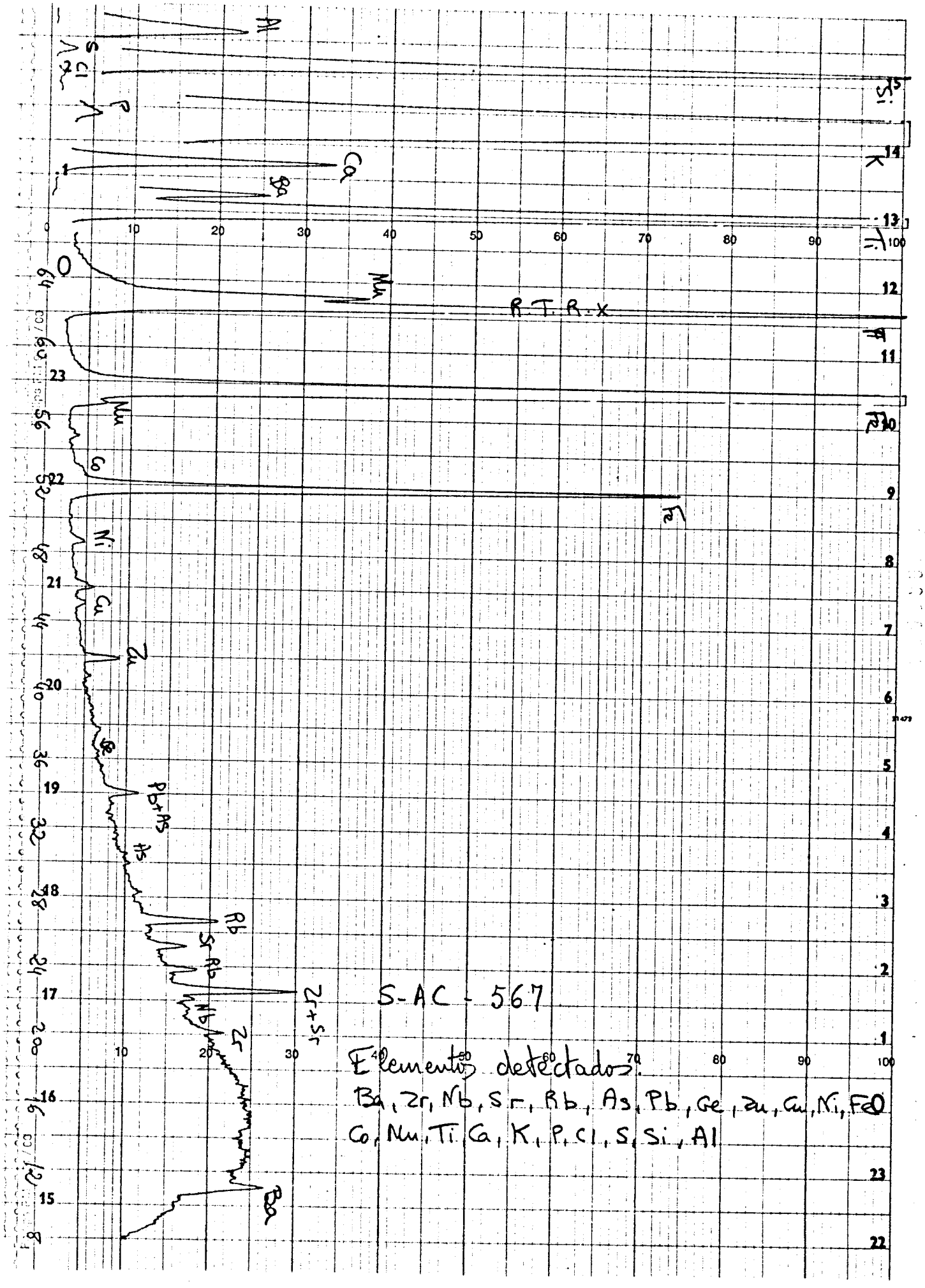
S-AC-564

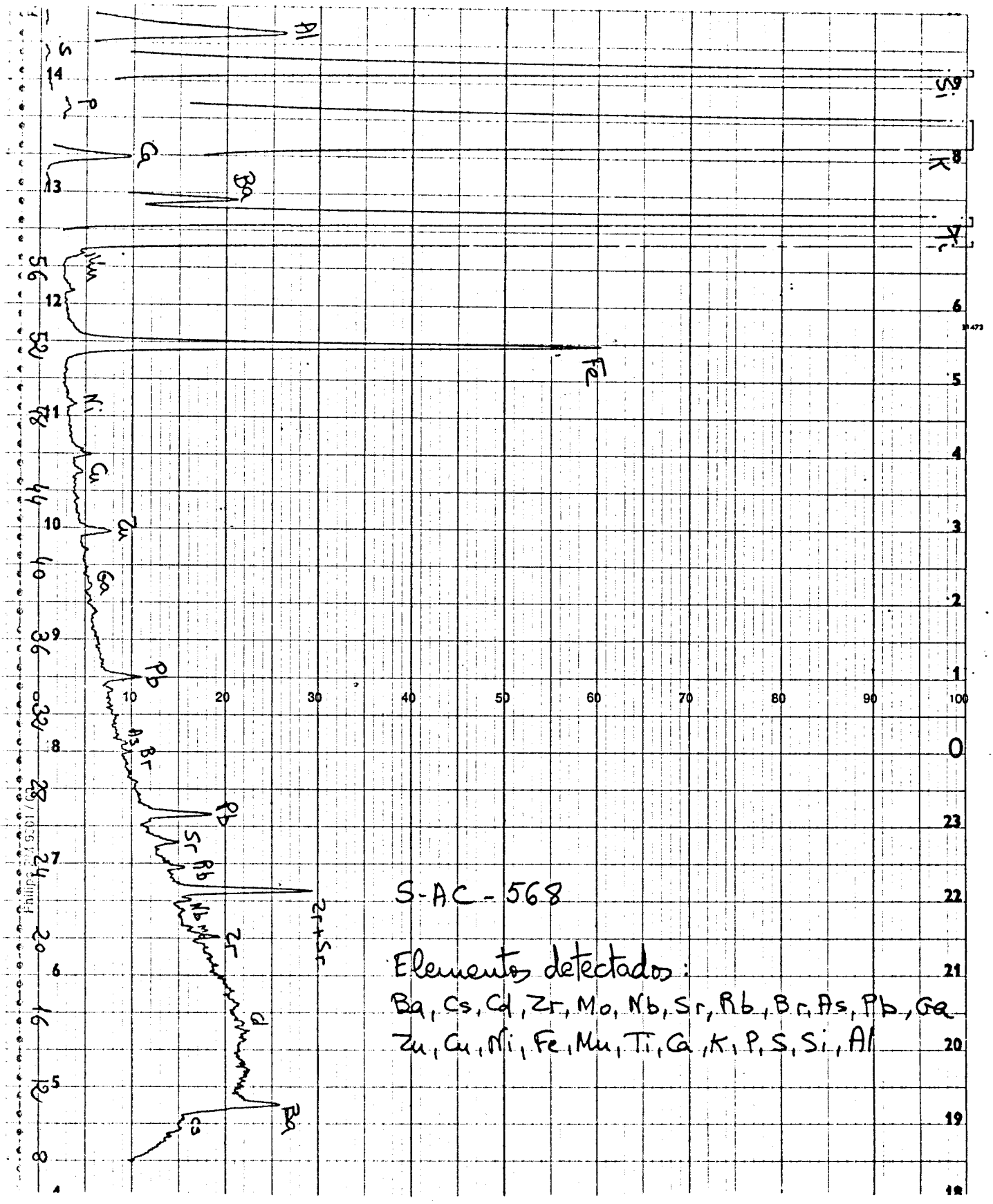
Elementos detectados:

Ba, Te, Zr, Nb, Sr, Rb, V, Br, Pb, Zn, Cu, Ni
Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al


S-AC-565
Elementos detectados:
Ba, Sn, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co
Mn, Ti, Ca, K, P, S, Si, Al


Al
Si
P
Ca
Ba
Mn
Co
Fe
Ni
Cu
Zn
Ge
Pb
Se
Rb
Sr
Nb
Zr
Zr+Sr
Cs
Ba
S-AC-566
Elementos detectados:
Ba, Cs, Zr, Nb, Rb, Sr, U, Se, Pb, Ge, Zn, Cu, Ni
Fe, Co, Mn, Ti, Ca, K, P, S, Si, Al

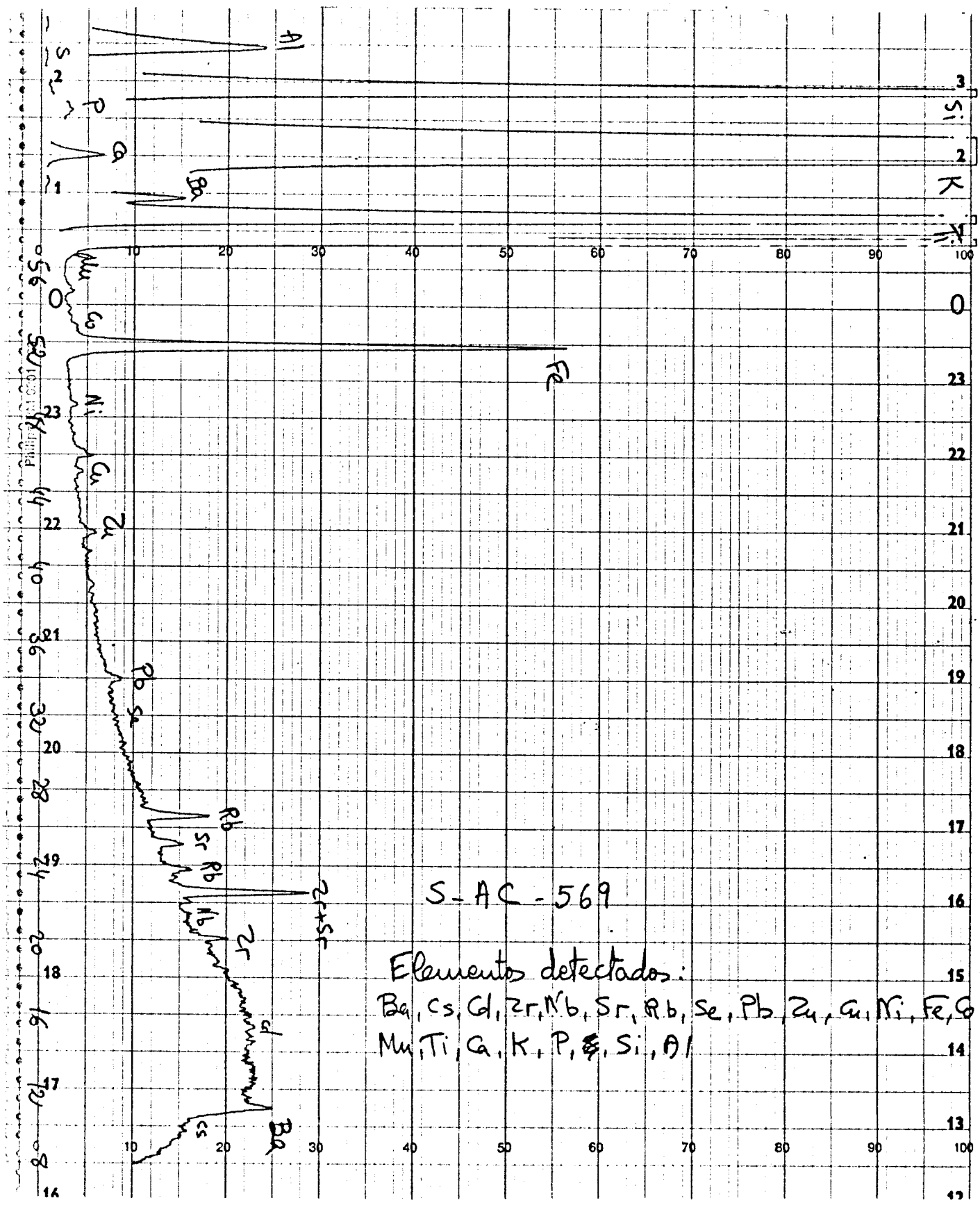

S-AC - 567
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, As, Pb, Ge, Zn, Cu, Ni, Fe
Co, Mn, Ti, Ca, K, P, Cl, S, Si, Al

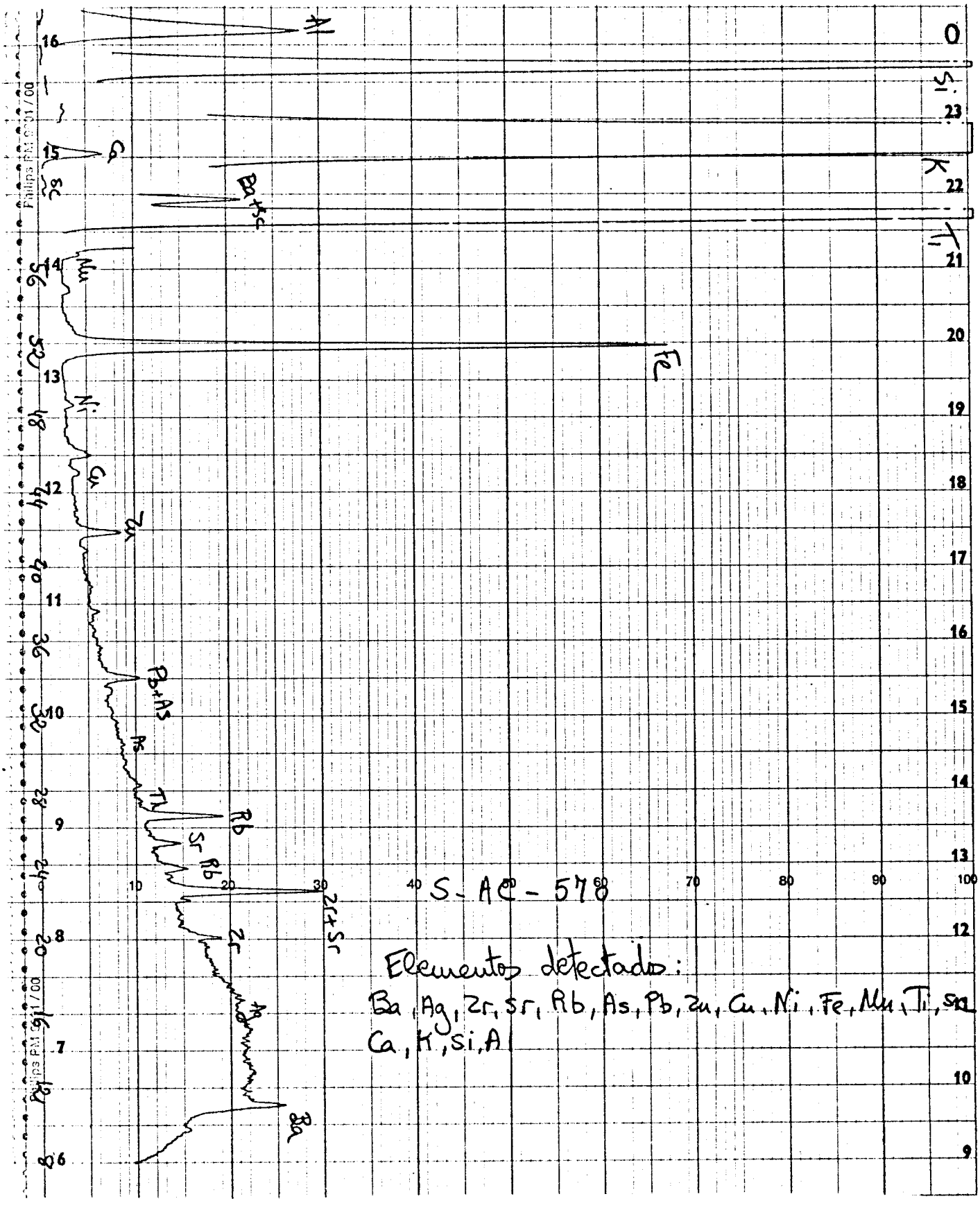


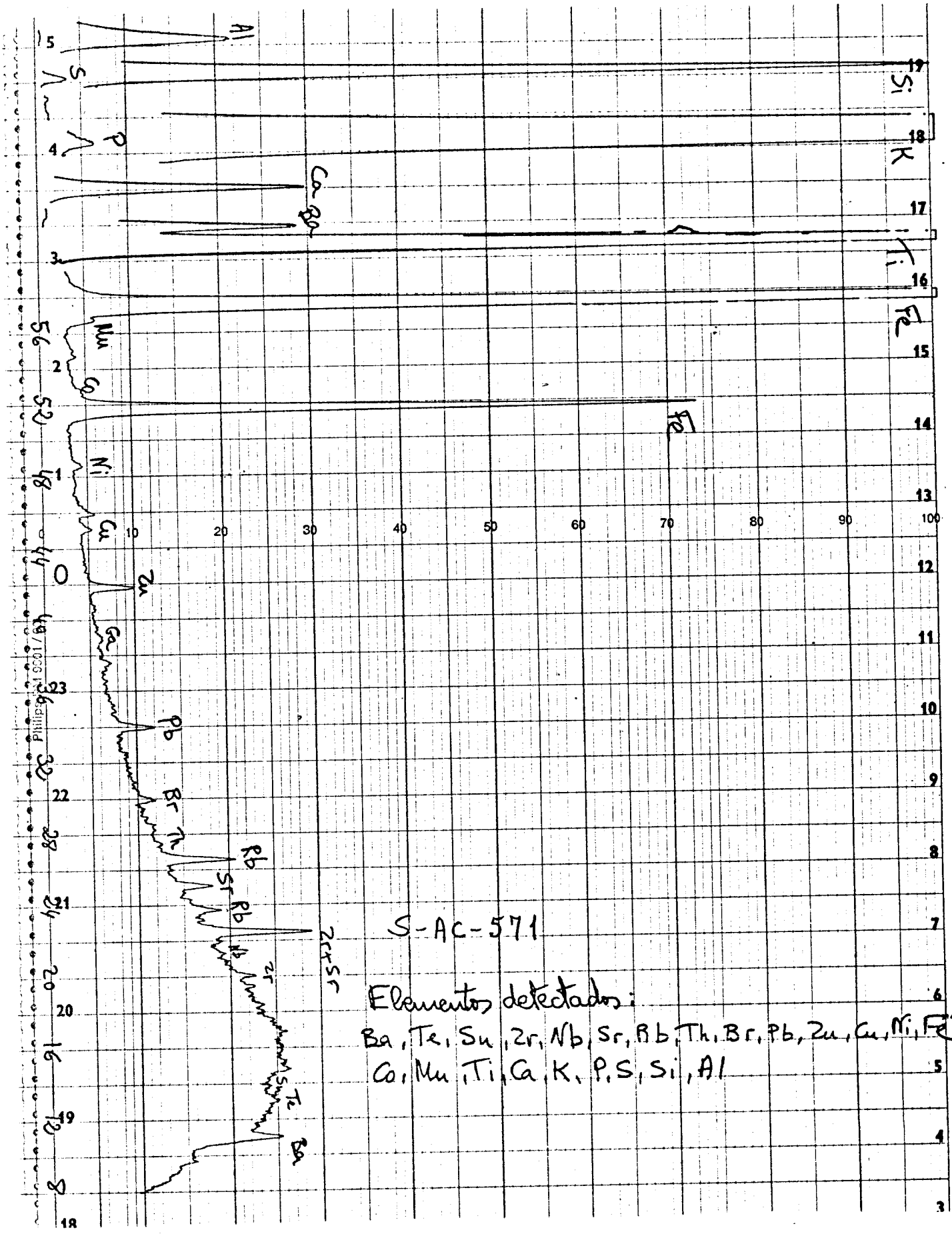
S-AC-568

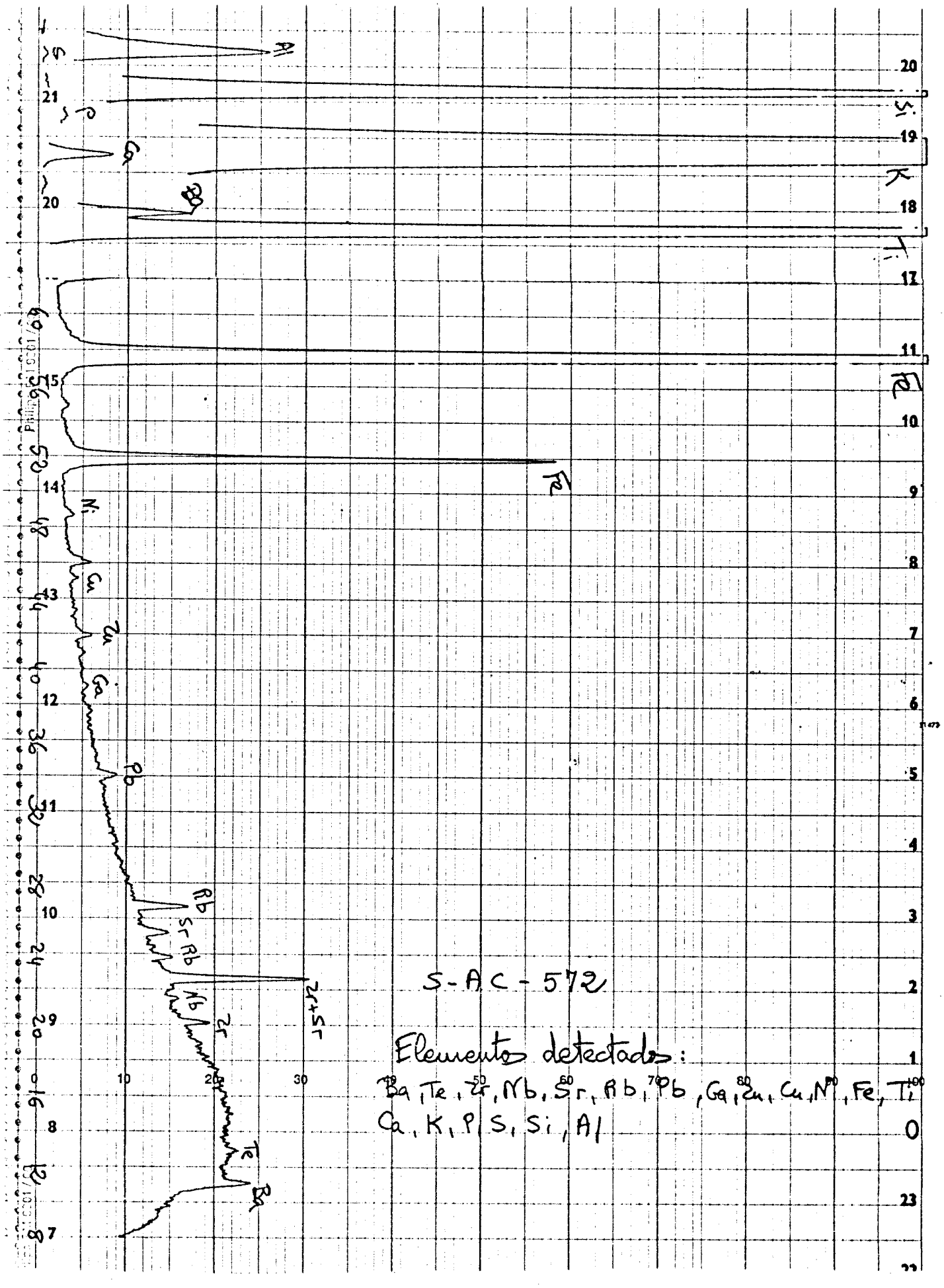
Elementos detectados:

Ba, Cs, Cd, Zr, Mo, Nb, Sr, Rb, Br, As, Pb, Ga
Zn, Cu, Ni, Fe, Mn, Ti, Ca, K, P, S, Si, Al


S-AC-569
Elementos detectados:
Ba, Cs, Cd, Zr, Nb, Sr, Rb, Se, Pb, Zn, Cu, Ni, Fe, Co
Mn, Ti, Ca, K, P, S, Si, Al
Al
Si
K
Ti
Ca
Ba
Mn
Co
Fe
Ni
Cu
Zn
Pb
Se
Rb
Sr
Zr+Sr
Nb
Zr
Cd
Cs
Ba


Al
Ca
Sc
Ba+Sc
Mn
Fe
Ni
Cu
Zn
Pb+As
As
Tl
Sr
Rb
Sr
Rb
Zr+Sr
Zr
Ag
Ba
O
Si
K
Ti
S-AC-578
Elementos detectados:
Ba, Ag, Zr, Sr, Rb, As, Pb, Zn, Cu, Ni, Fe, Mn, Ti, Sc
Ca, K, Si, Al


Al
Si
P
K
Ca
Ba
Ti
Mn
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Br
Th
Rb
Sr
Rb
Zr
Sr
Te
Ba
10
20
30
40
50
60
70
80
90
100
S-AC-571
Elementos detectados:
Ba, Te, Sn, Zr, Nb, Sr, Rb, Th, Br, Pb, Zn, Cu, Ni, Fe
Co, Mn, Ti, Ca, K, P, S, Si, Al

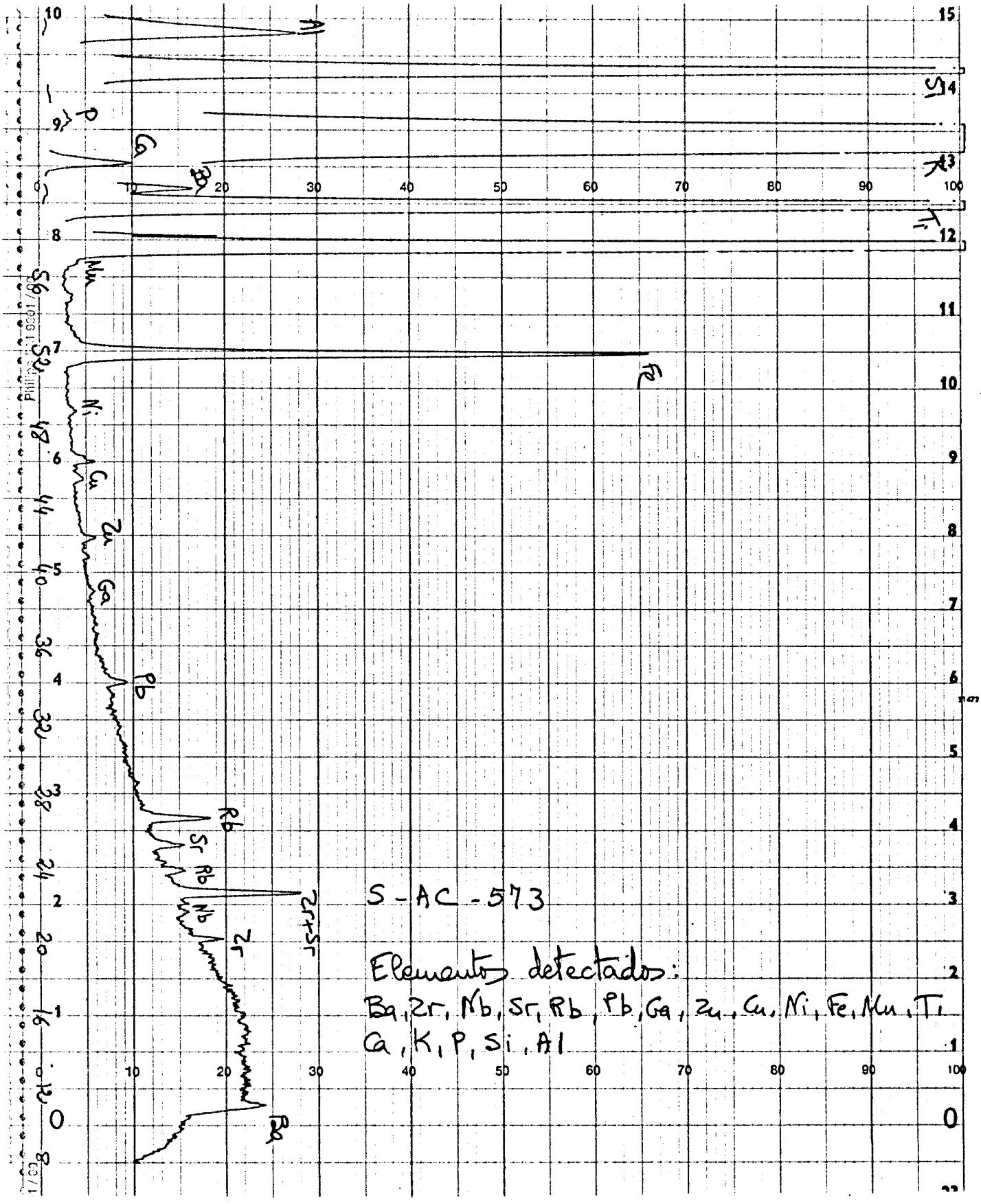


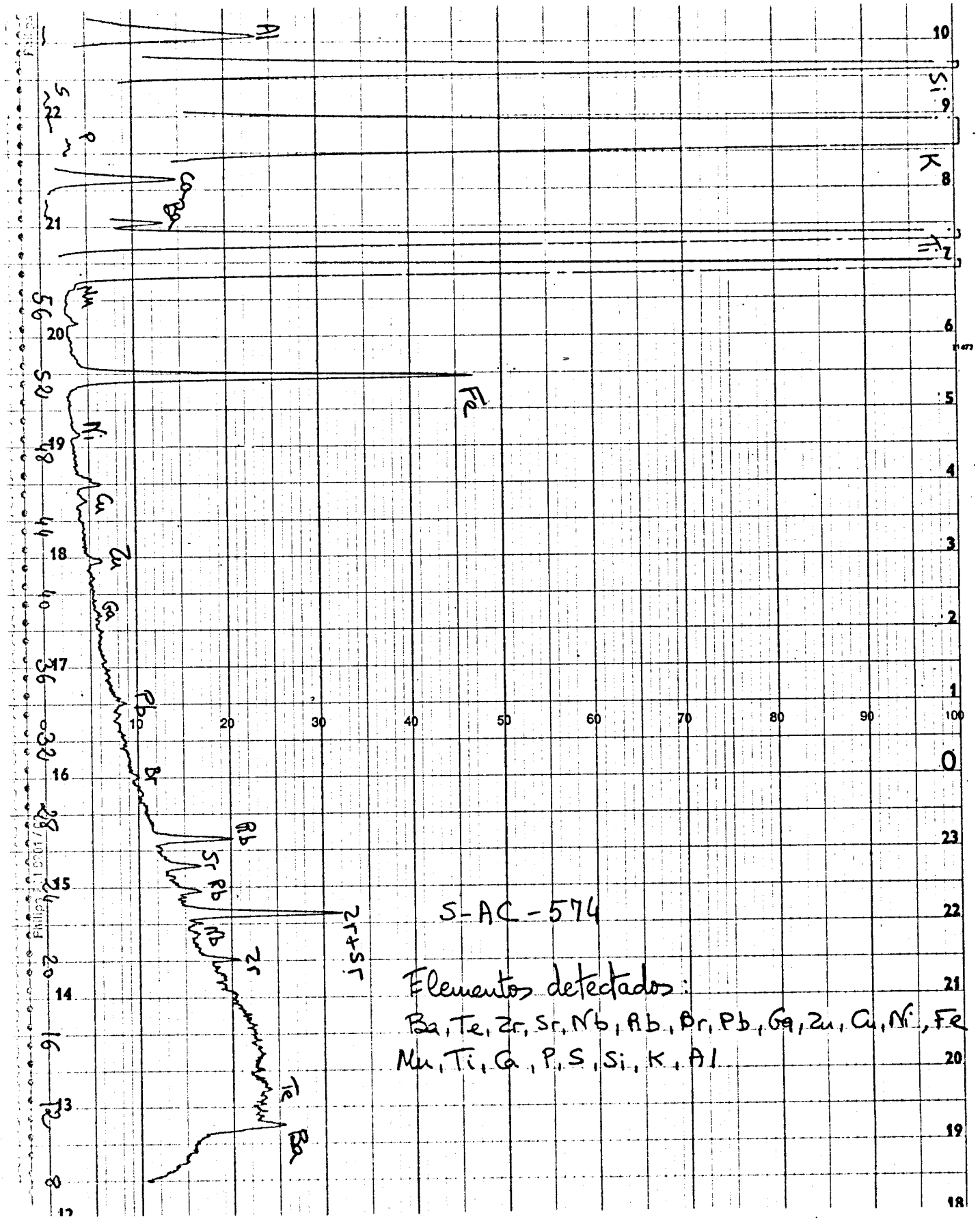
S-AC-572

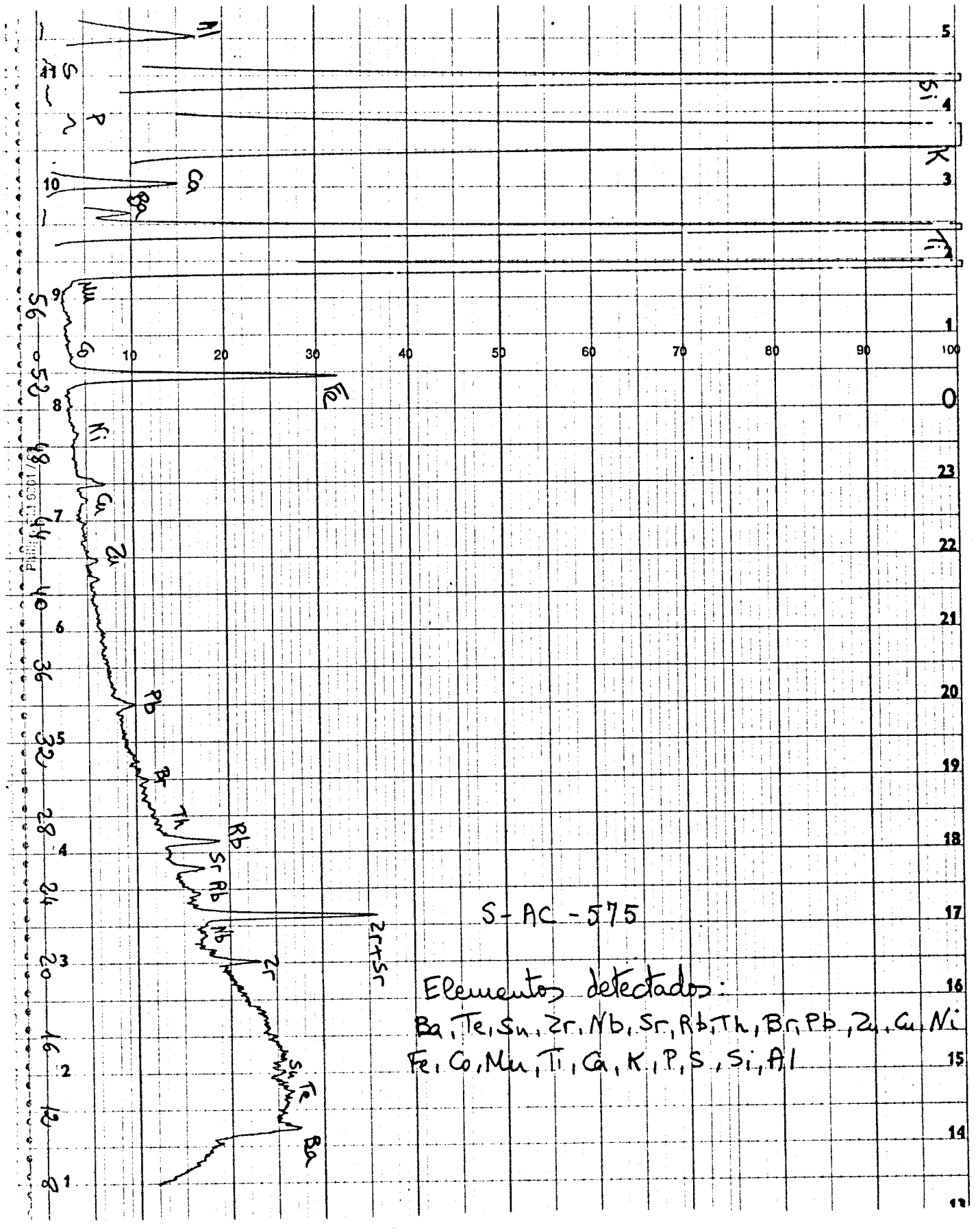
Elementos detectados:

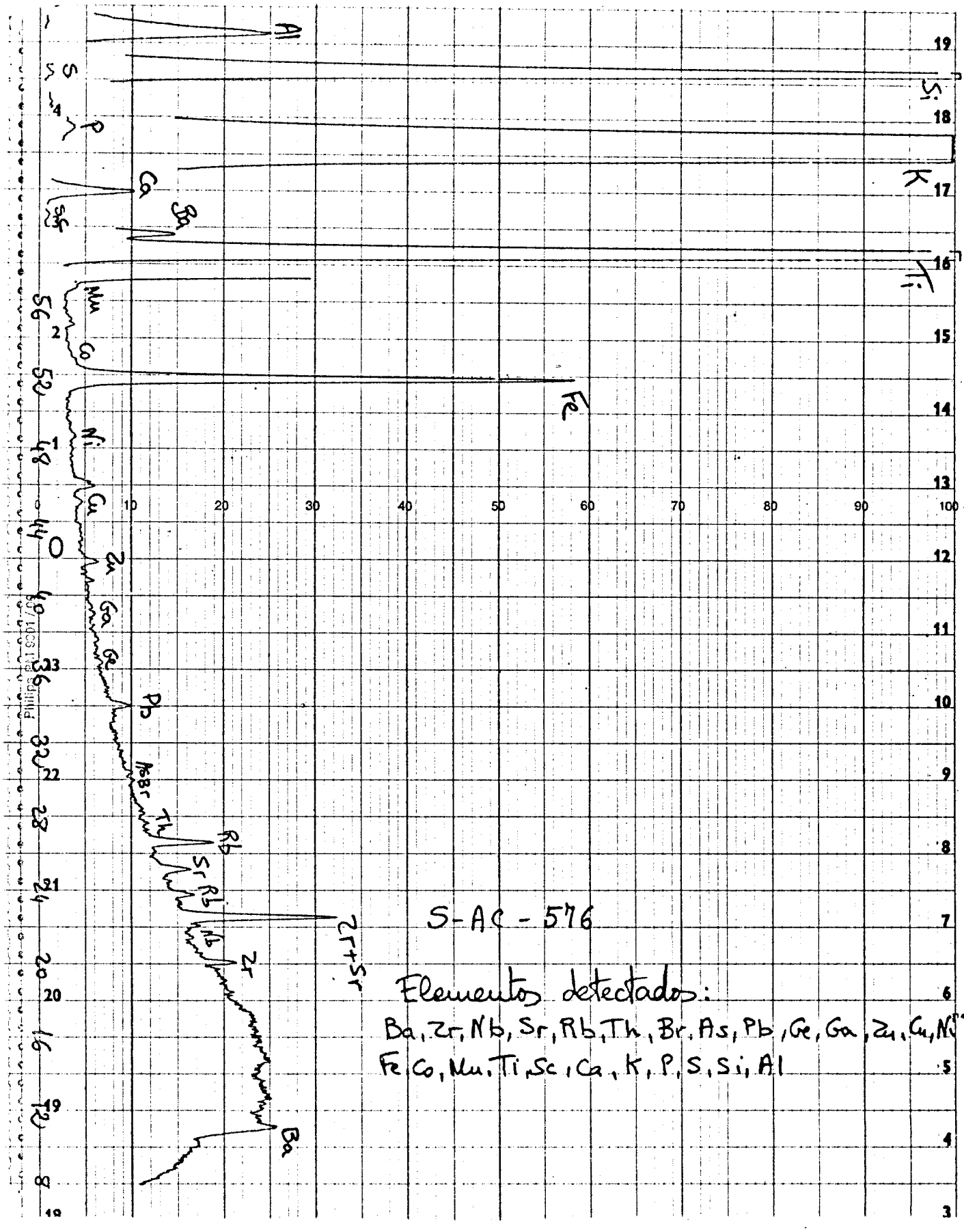
^{56}Ba, ^{52}Te, ^{40}Zr, ^{41}Nb, ^{38}Sr, ^{37}Rb, ^{82}Pb, ^{31}Ga, ^{30}Zn, ^{29}Cu, ^{28}Ni, ^{26}Fe, ^{22}Ti

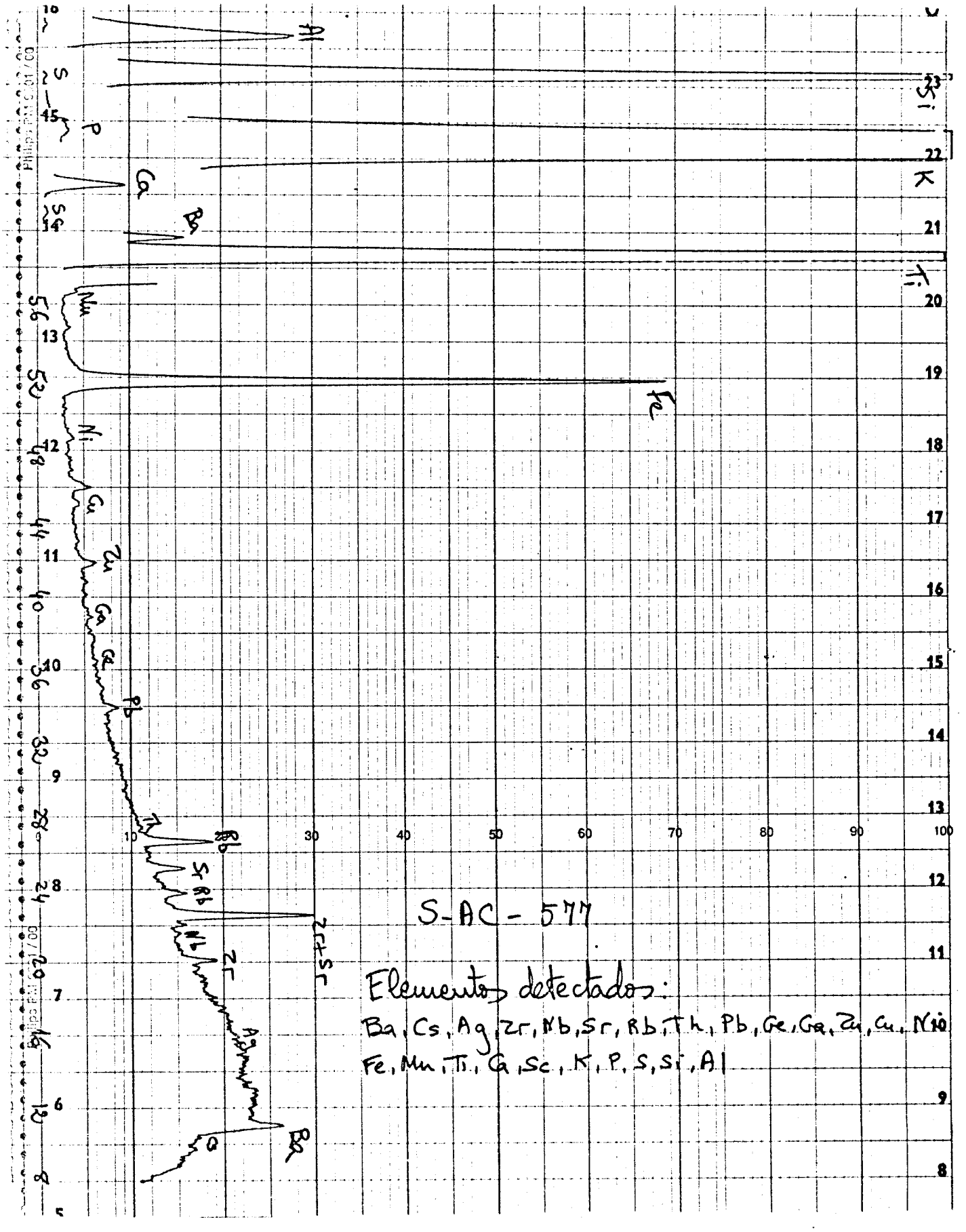
^{20}Ca, ^{19}K, ^{15}P, ^{16}S, ^{14}Si, ^{13}Al


Mn
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr Rb
Nb
Zr
Sr+Sr
Ba
S-AC-573
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Mn, Ti
Ca, K, P, Si, Al


Al
Si
K
Ti
Mn
Fe
Ni
Cu
Zn
Ga
Pb
Br
Rb
Sr Pb
Nb
Zr
Zr+Sr
Te
Ba
S-AC-574
Elementos detectados:
Ba, Te, Zr, Sr, Nb, Rb, Br, Pb, Ga, Zn, Cu, Ni, Fe
Mn, Ti, Ca, P, S, Si, K, Al


Al
Si
P
K
Ca
Ti
Mn
Fe
Ni
Cu
Zn
Pb
Br
Th
Rb
Sr
Rb
Nb
Zr
Sn
Te
Ba
2rtsr
10
20
30
40
50
60
70
80
90
100
S-AC-575
Elementos detectados:
Ba, Te, Sn, Zr, Nb, Sr, Rb, Th, Br, Pb, Zn, Cu, Ni
Fe, Co, Mn, Ti, Ca, K, P, S, Si, Al


Al
Si
P
K
Ca
Ba
Ti
Mn
Co
Fe
Ni
Cu
Zn
Ga
Ge
Pb
As
Br
Th
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ba
10
20
30
40
50
60
70
80
90
100
S-AC-576
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Th, Br, As, Pb, Ge, Ga, Zn, Cu, Ni
Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al

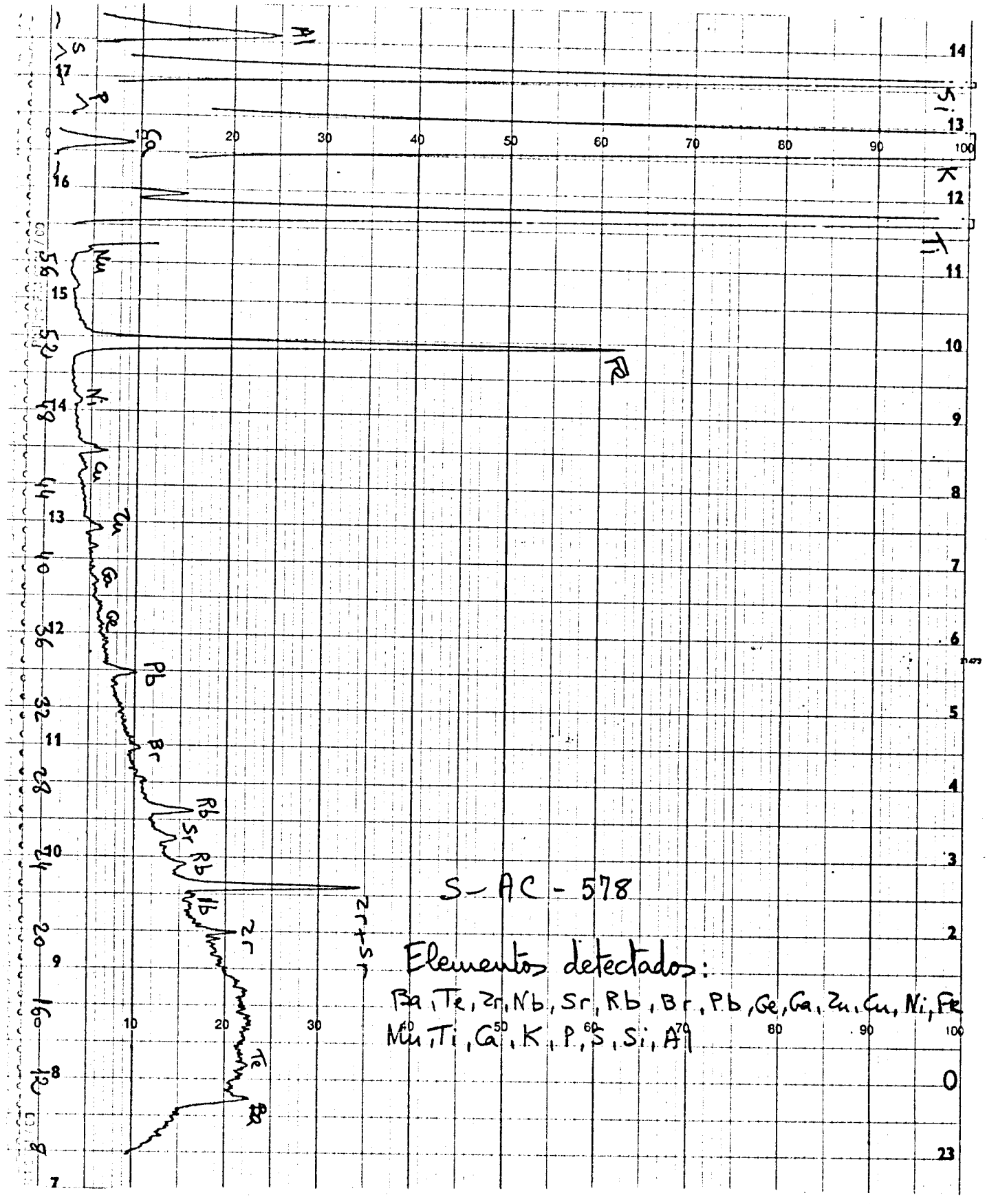


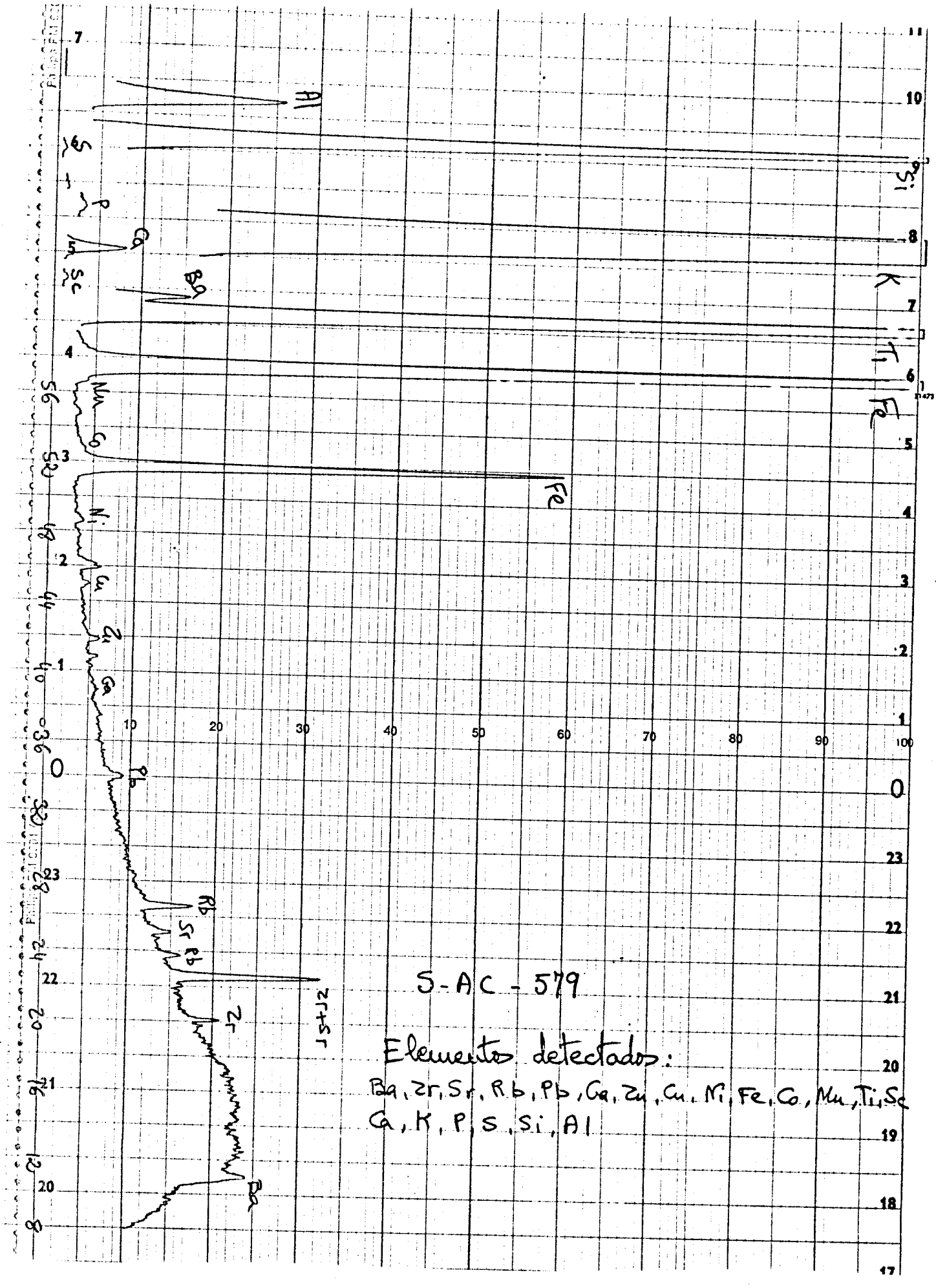
S-AC-577

Elementos detectados:

Ba, Cs, Ag, Zr, Nb, Sr, Rb, Th, Pb, Ge, Ga, Zn, Cu, Ni

Fe, Mn, Ti, Ca, Sc, K, P, S, Si, Al

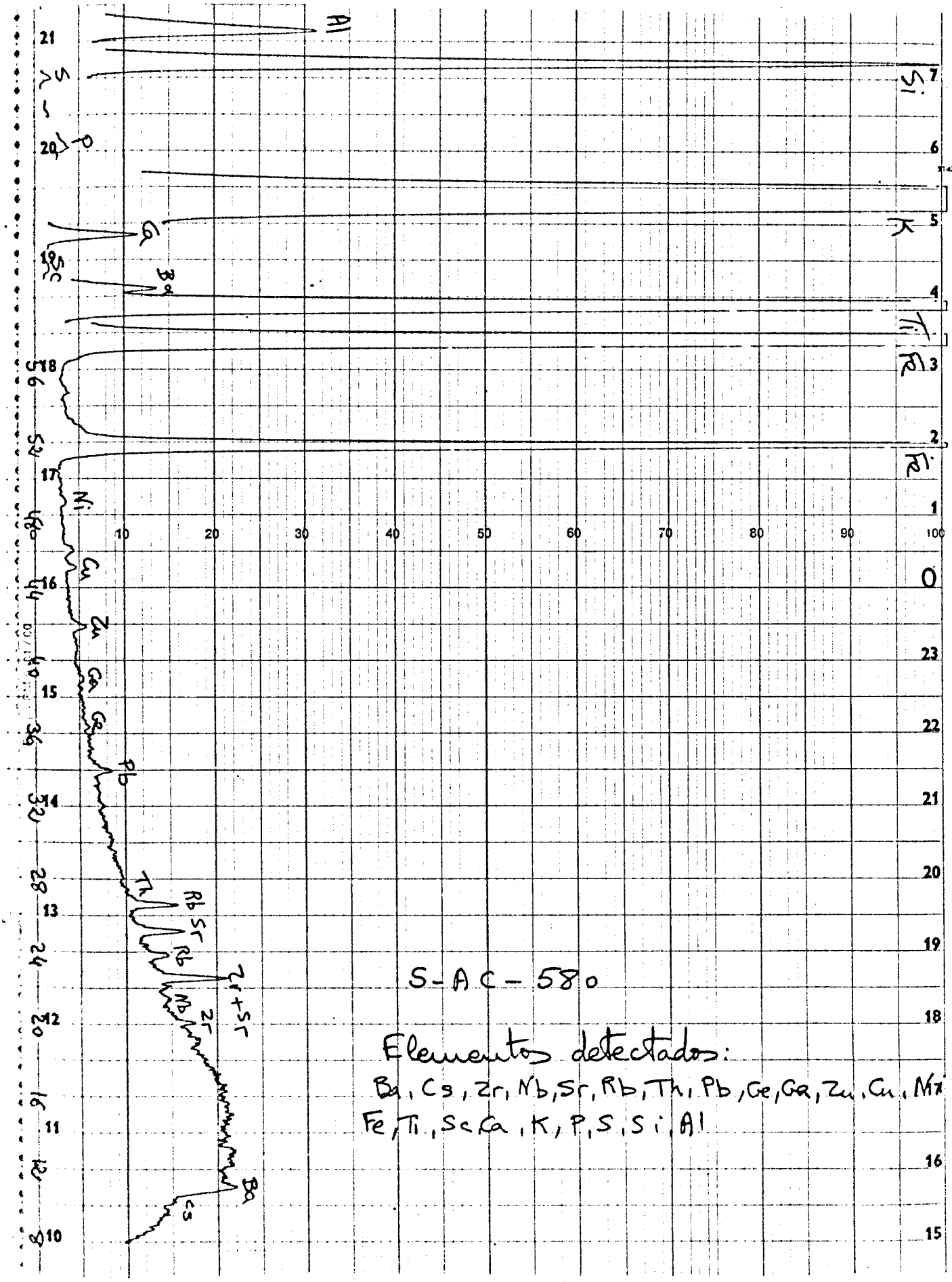

S-AC-578
Elementos detectados:
Ba, Te, Zr, Nb, Sr, Rb, Br, Pb, Ge, Ga, Zn, Cu, Ni, Fe
Mn, Ti, Ca, K, P, S, Si, Al
Al
Si
K
Ti
Fe
Mn
Ni
Cu
Zn
Ga
Ge
Pb
Br
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Te
Ba
S
P
Ca



S-AC-579

Elementos detectados:

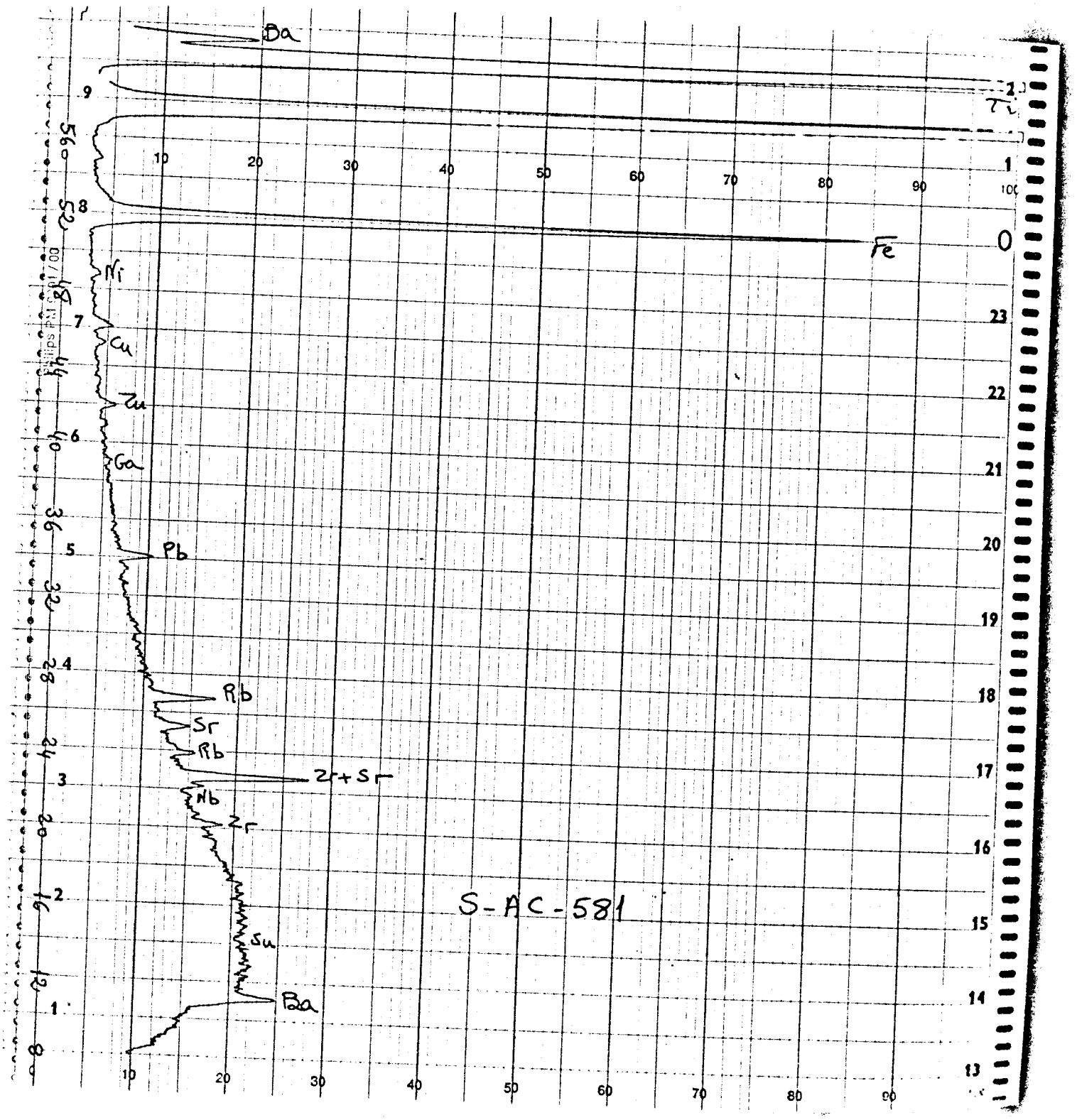
Ba, Zr, Sr, Rb, Pb, Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, Sc, Ca, K, P, S, Si, Al

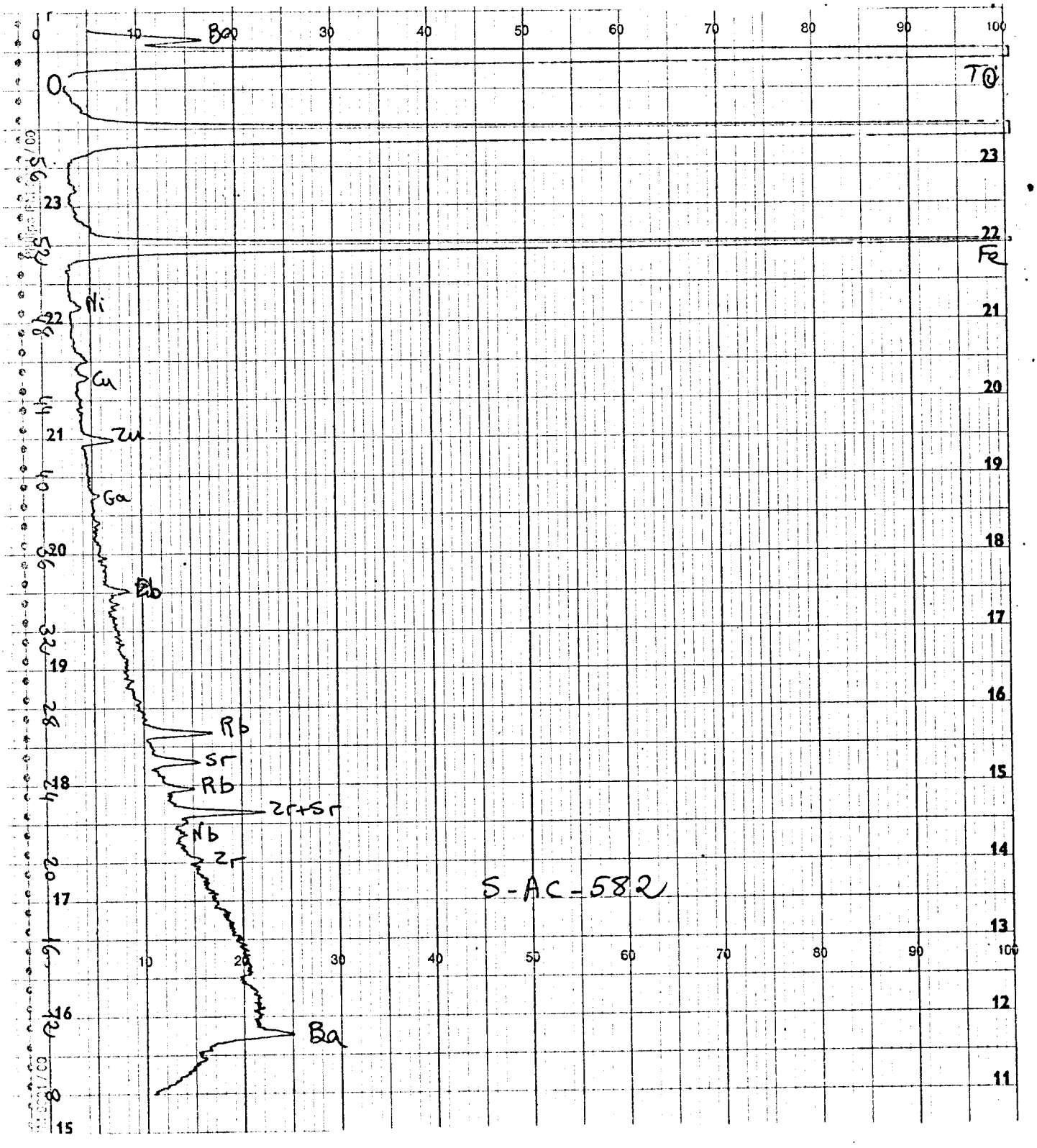


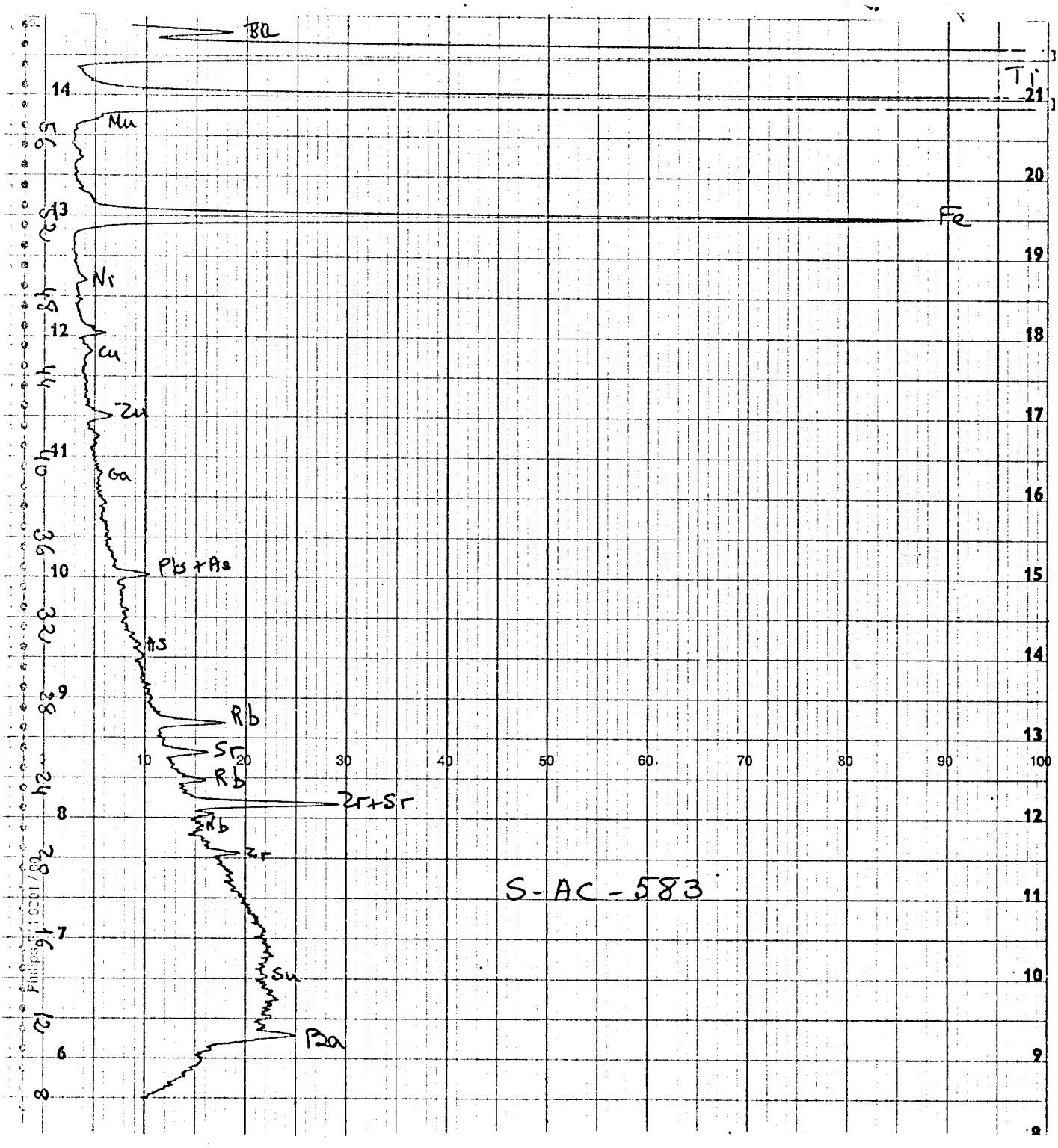
S-AC-580

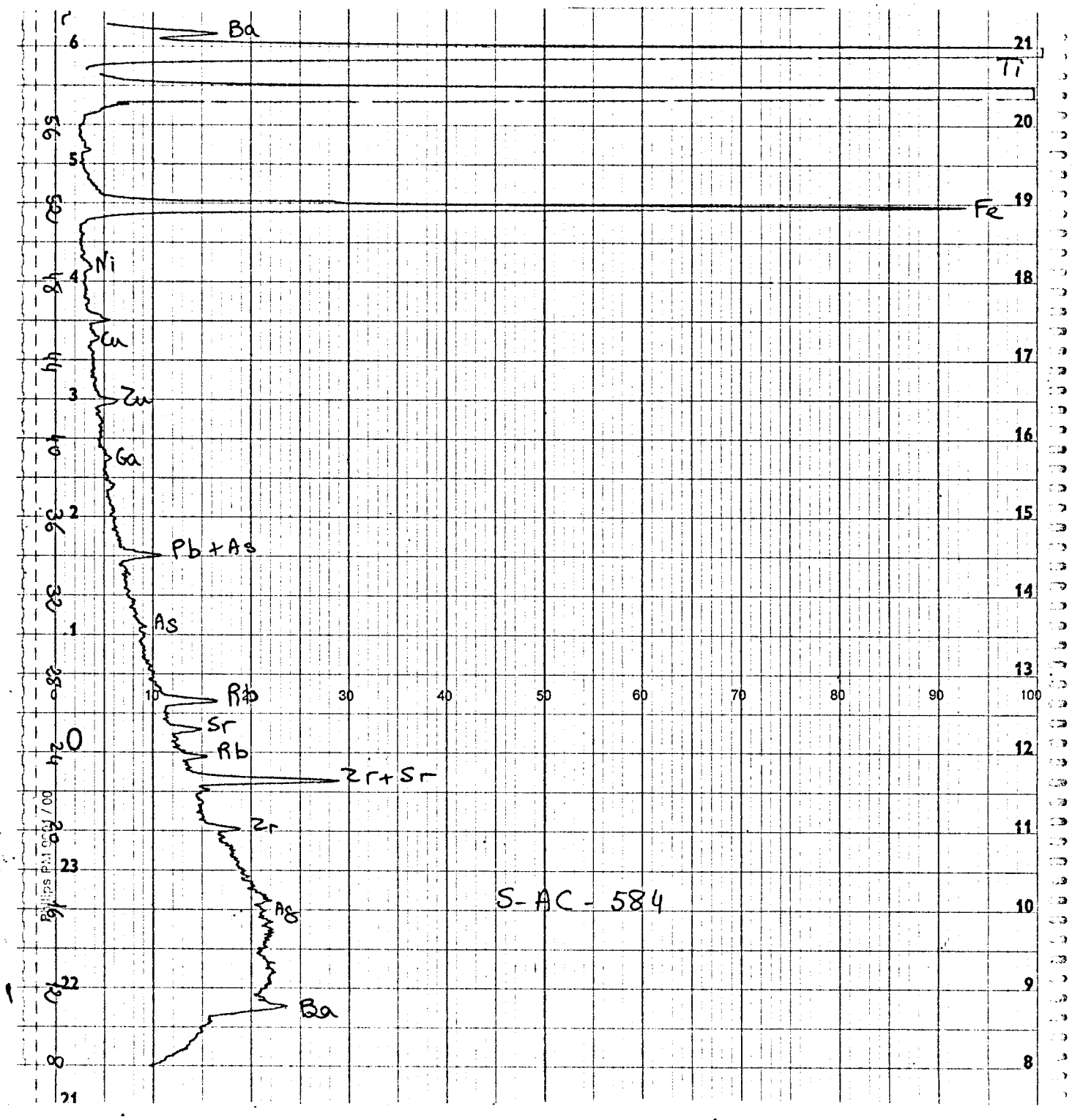
Elementos detectados:

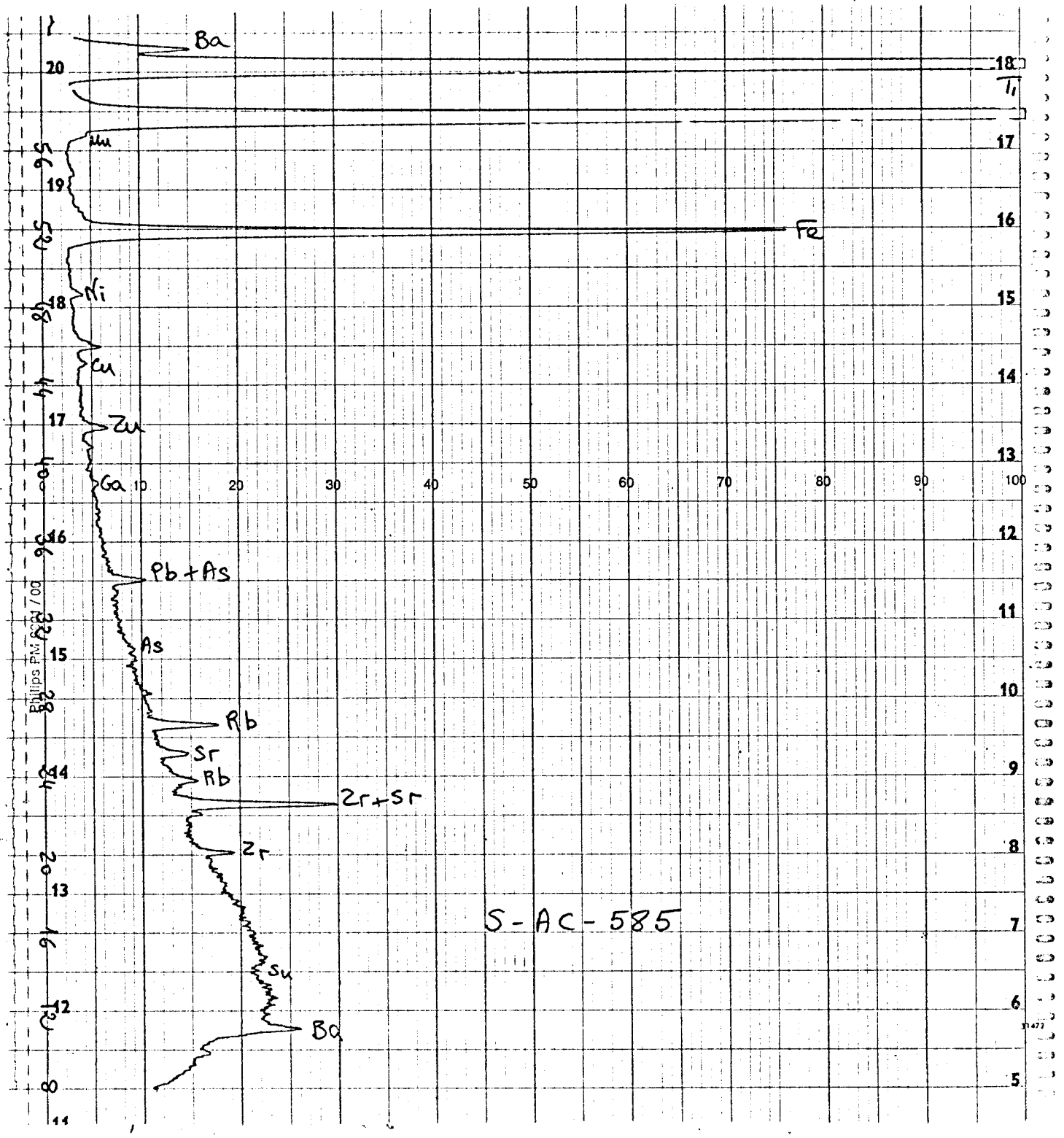
Ba, Cs, Zr, Nb, Sr, Rb, Th, Pb, Ge, Ga, Zn, Cu, Ni
Fe, Ti, Sc, Ca, K, P, S, Si, Al

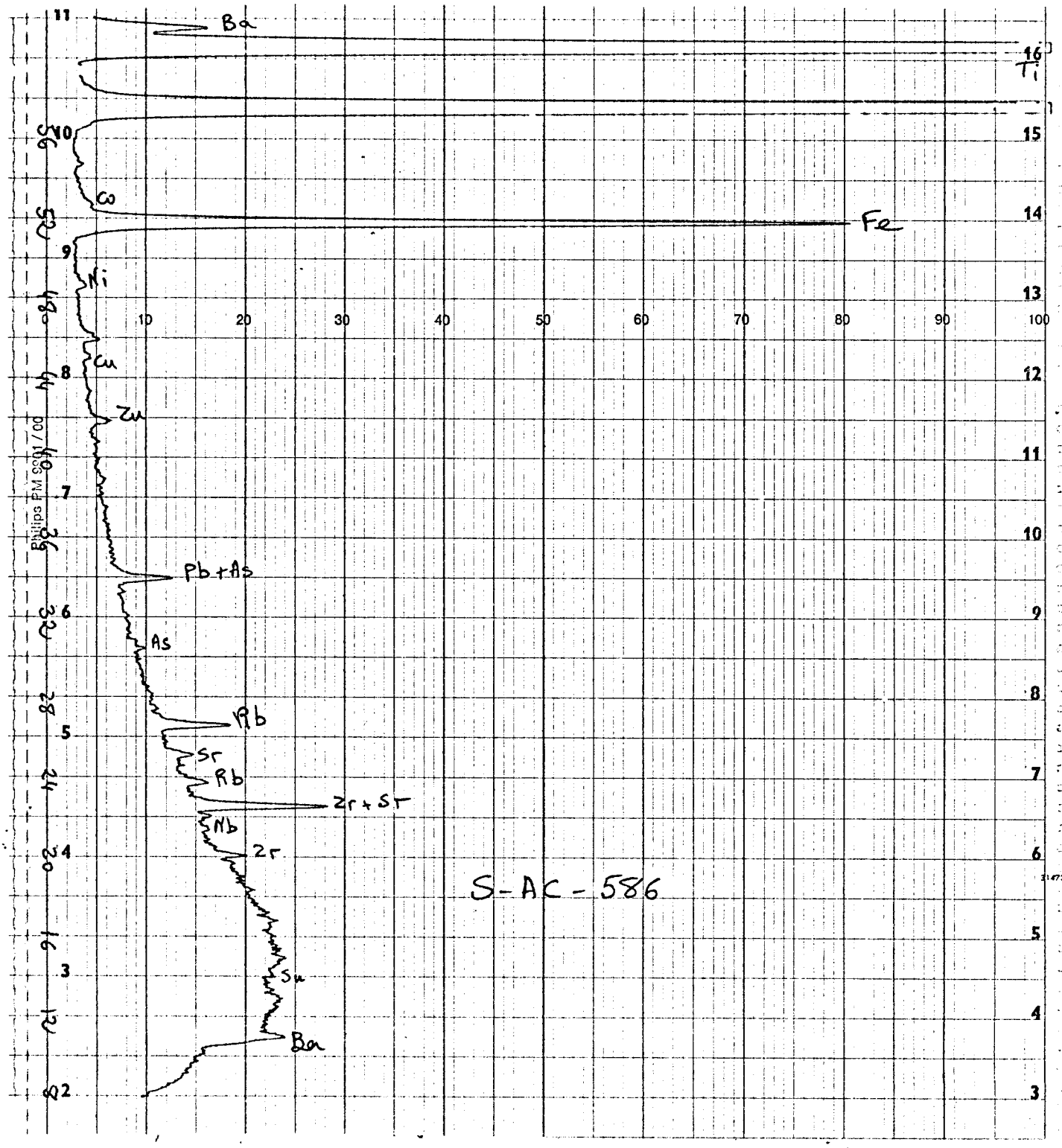

Ba
Ti
Fe
Mi
Cr
Zn
Cu
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Sn
Ba
S-AC-581

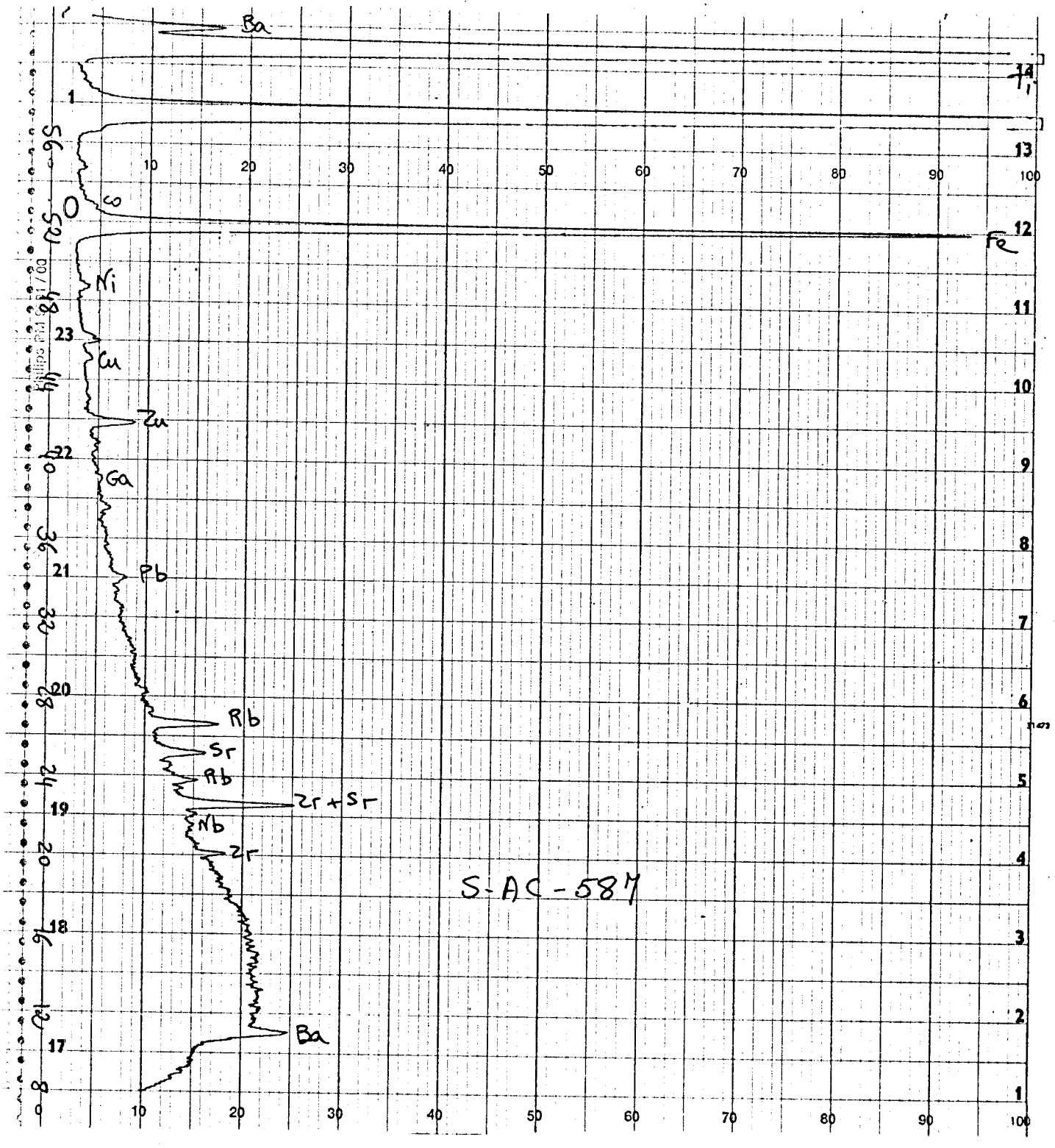

Ba
Ti
Fe
Ni
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ba
S-AC-582

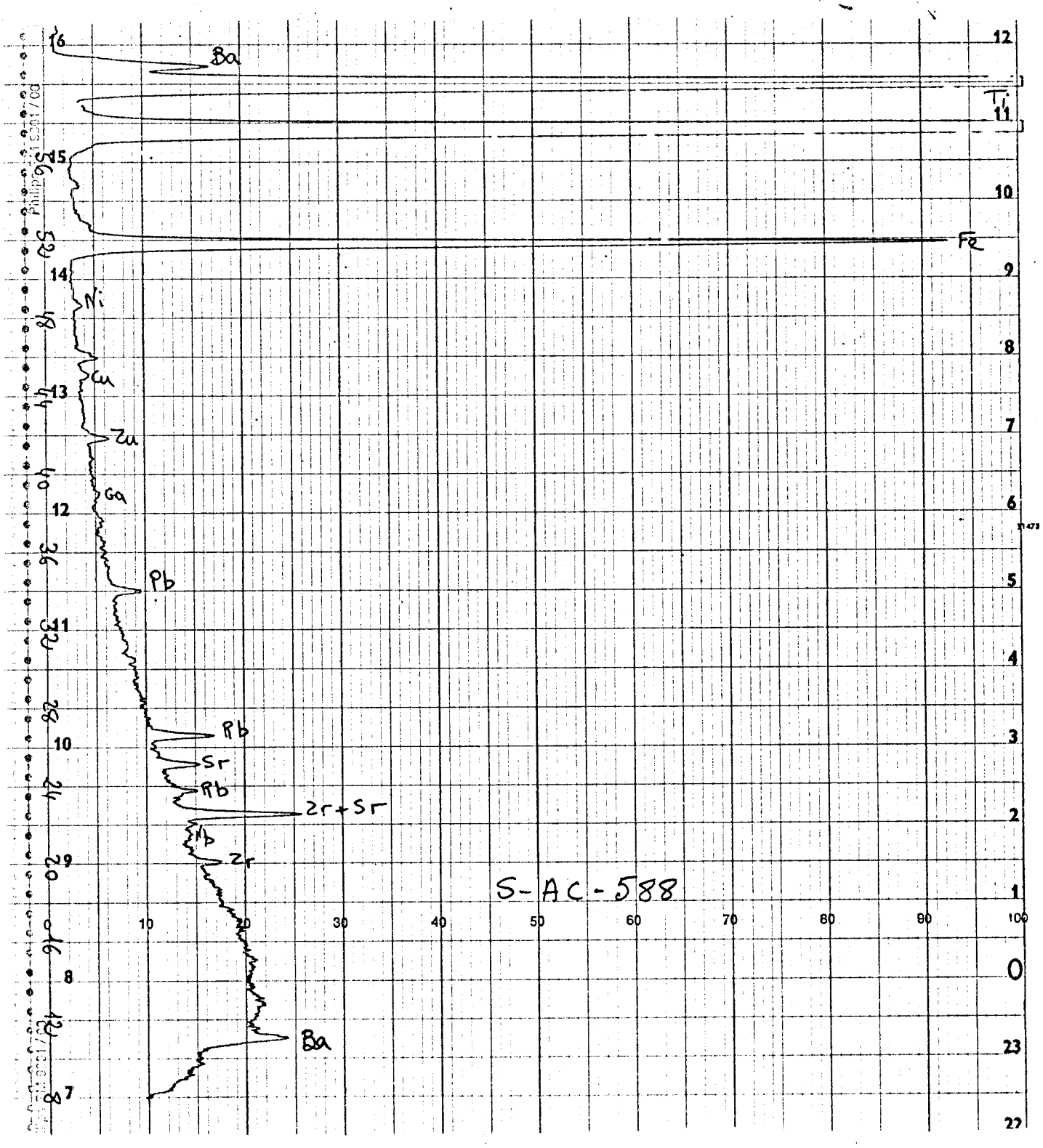

BR
Ti
Mn
Fe
Ni
Cu
Zn
Ga
Pb+As
As
Rb
Sr
Rb
Zr+Sr
Nb
Y
Sr
Pb
10
20
30
40
50
60
70
80
90
100
S-AC-583

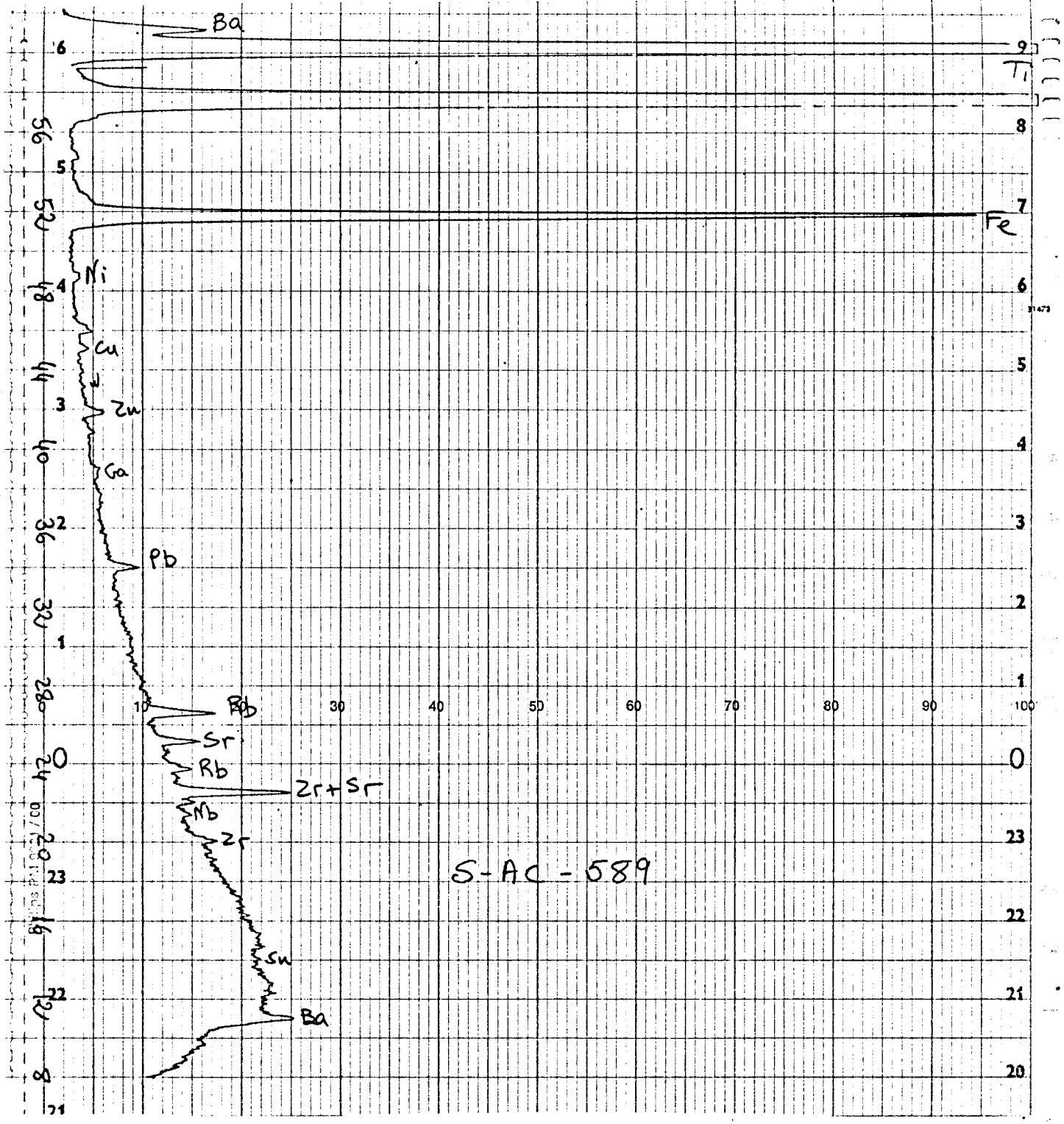

Ba
Ti
Fe
Ni
Cu
Zn
Ga
Pb + As
As
Rb
Sr
Rb
Zr + Sr
Zr
As
Ba
S-AC-584
10
30
40
50
60
70
80
90
100

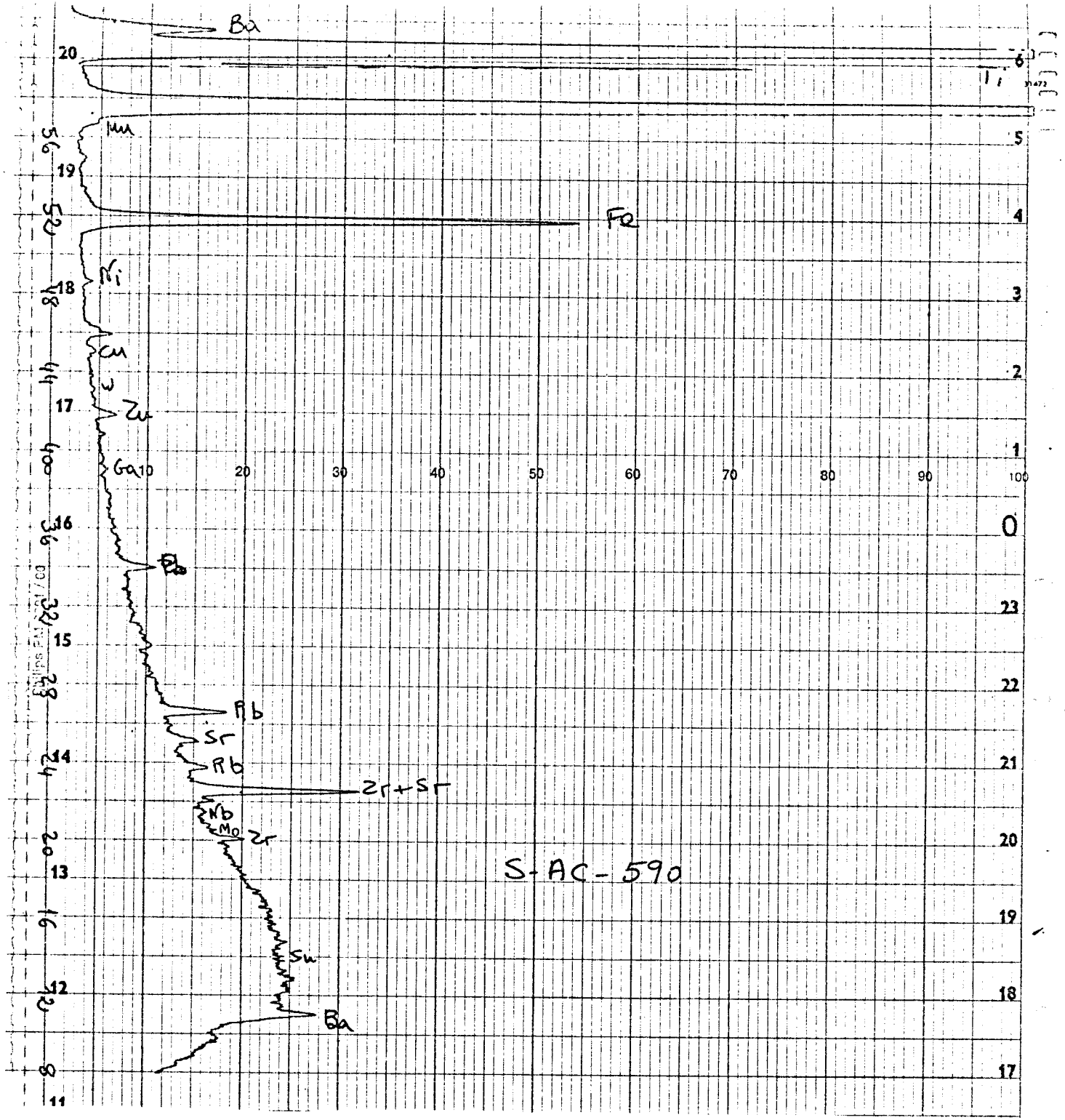

Ba
Ti
Fe
Ni
Cu
Zn
Ga
Pb+As
As
Rb
Sr
Rb
Zr+Sr
Zr
Sr
Ba
S-AC-585
Philips PW 1729/00
10
20
30
40
50
60
70
80
90
100

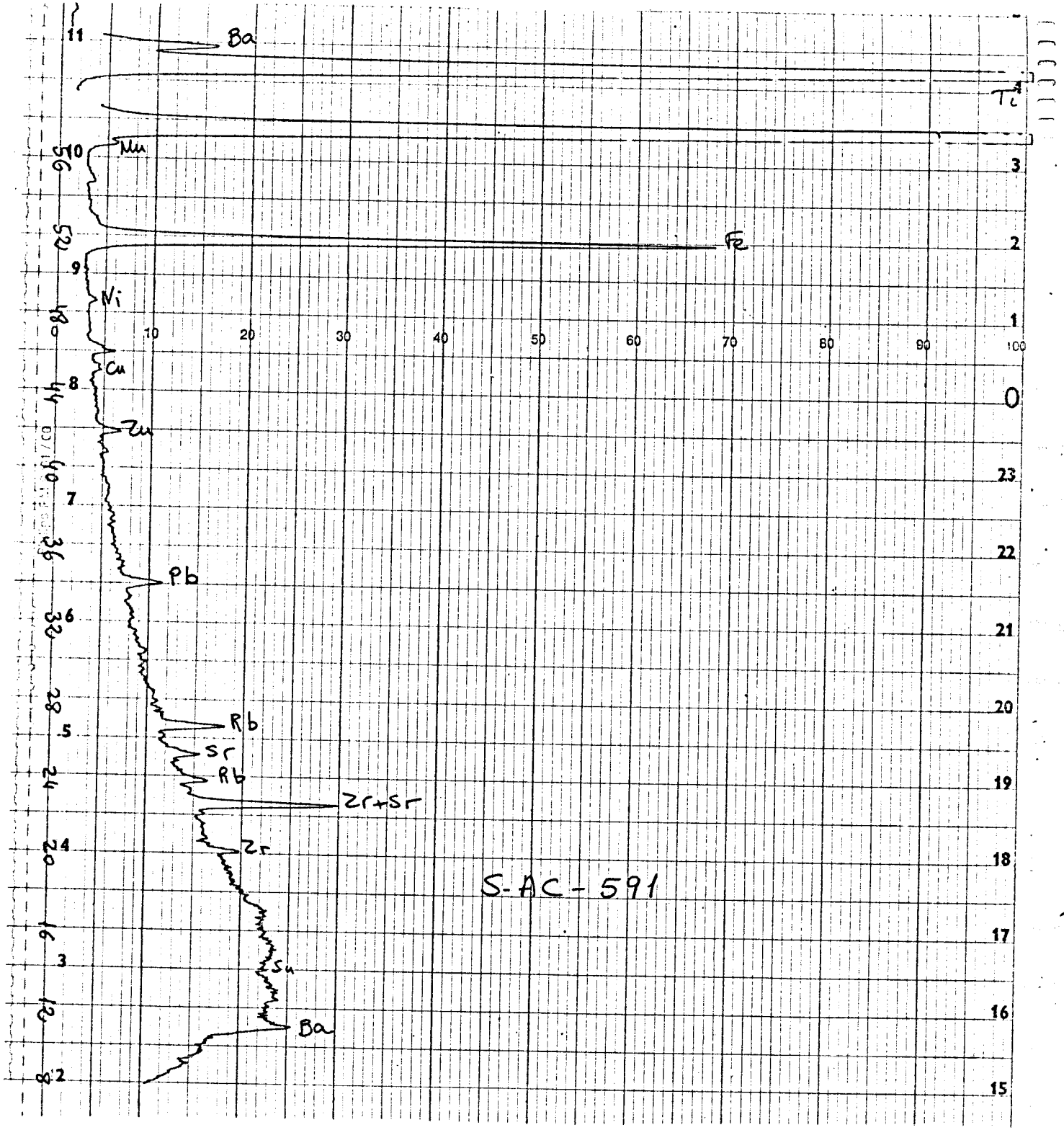

Ba
Ti
Fe
Co
Ni
Cu
Zn
Pb+As
As
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Sn
Ba
S-AC-586
10
20
30
40
50
60
70
80
90
100
Philips PM 9911/00

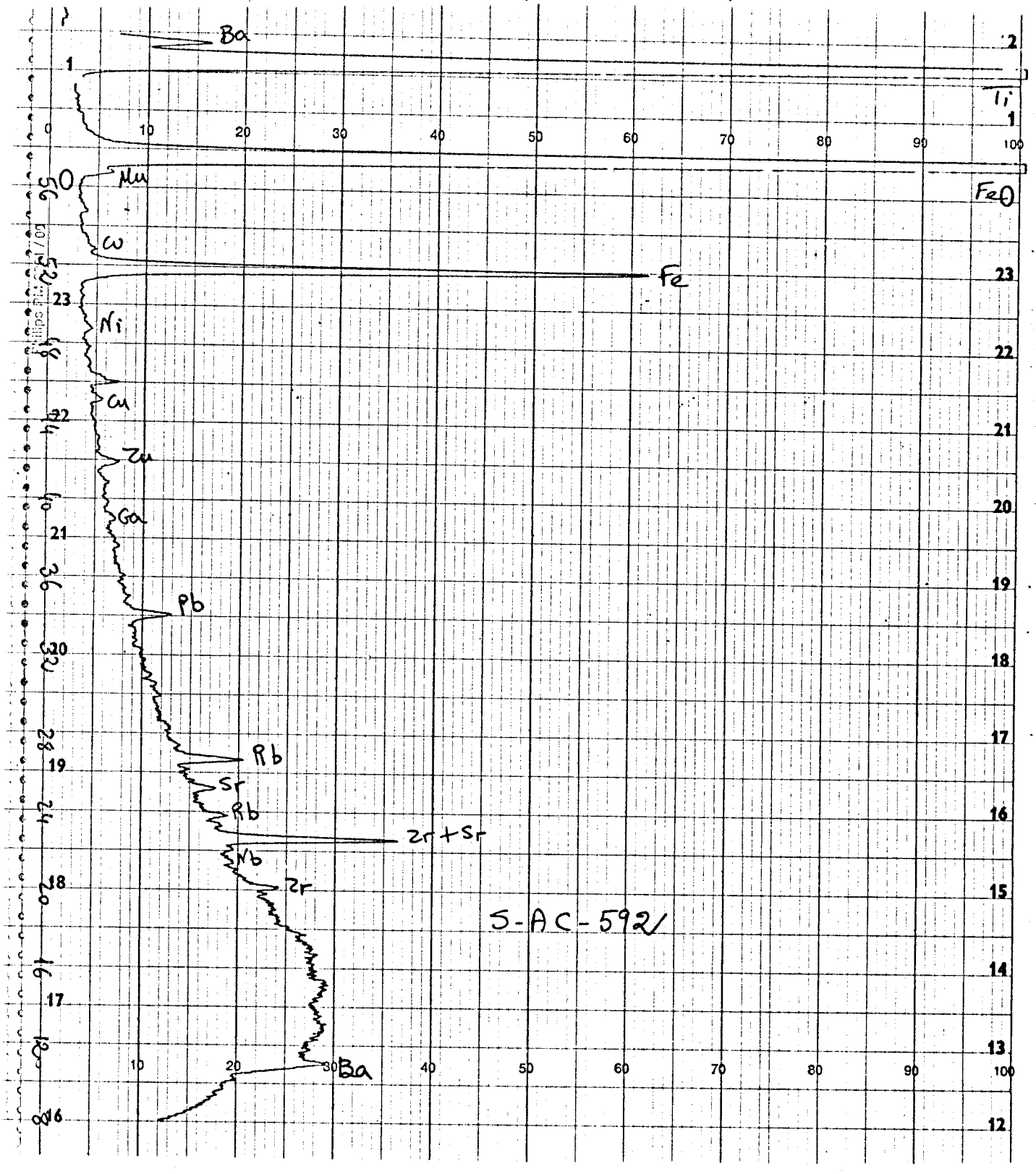

Ba
Fe
Sn
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Nb
Zr+Sr
Zr
Ba
S-AC-584
10
20
30
40
50
60
70
80
90
100

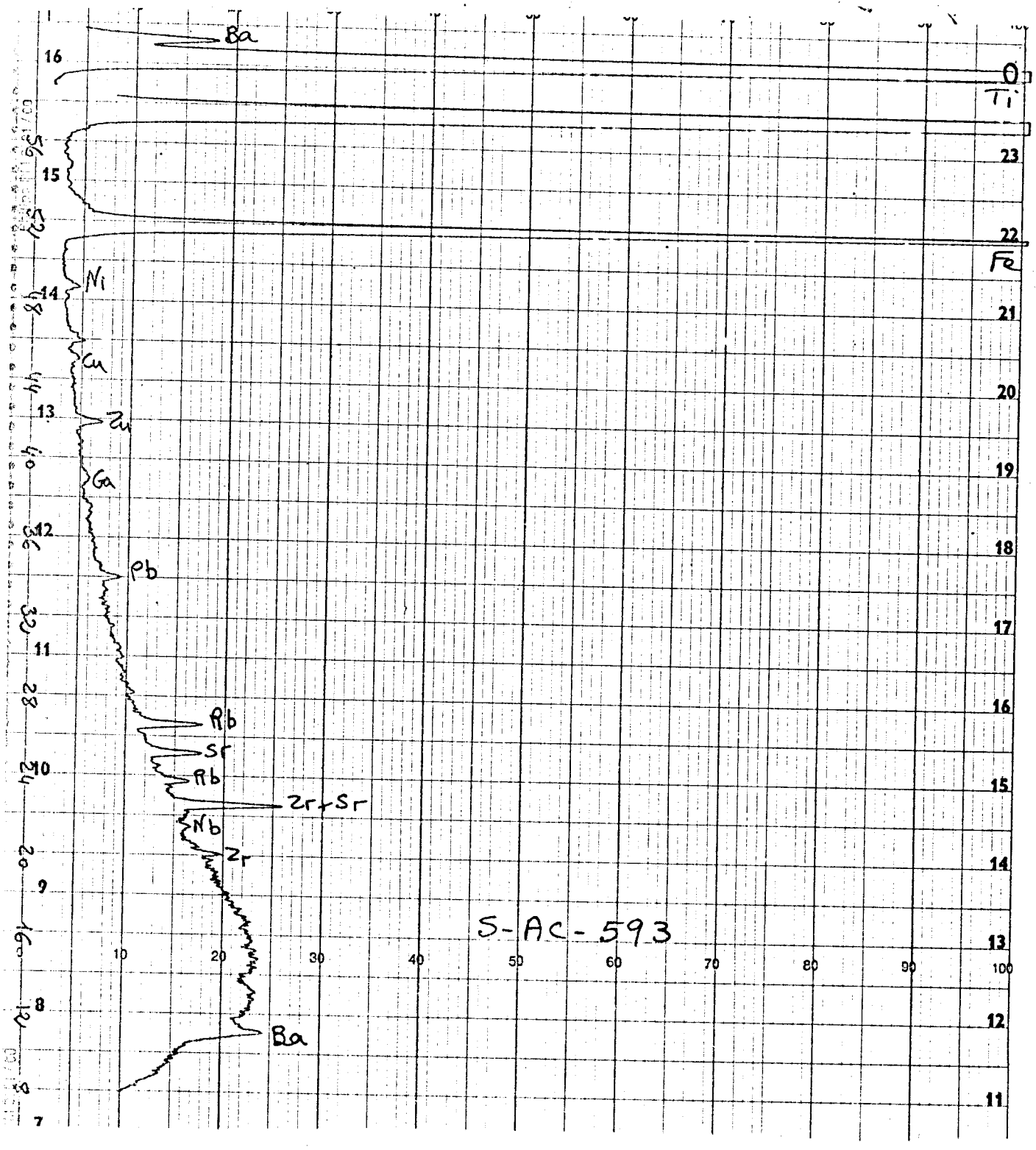

Ba
Ti
Fe
Ni
Cu
Zn
Ga
Pb
As
Pb
Sr
Pb
Zr+Sr
Nb
Zr
Ba
S-AC-588

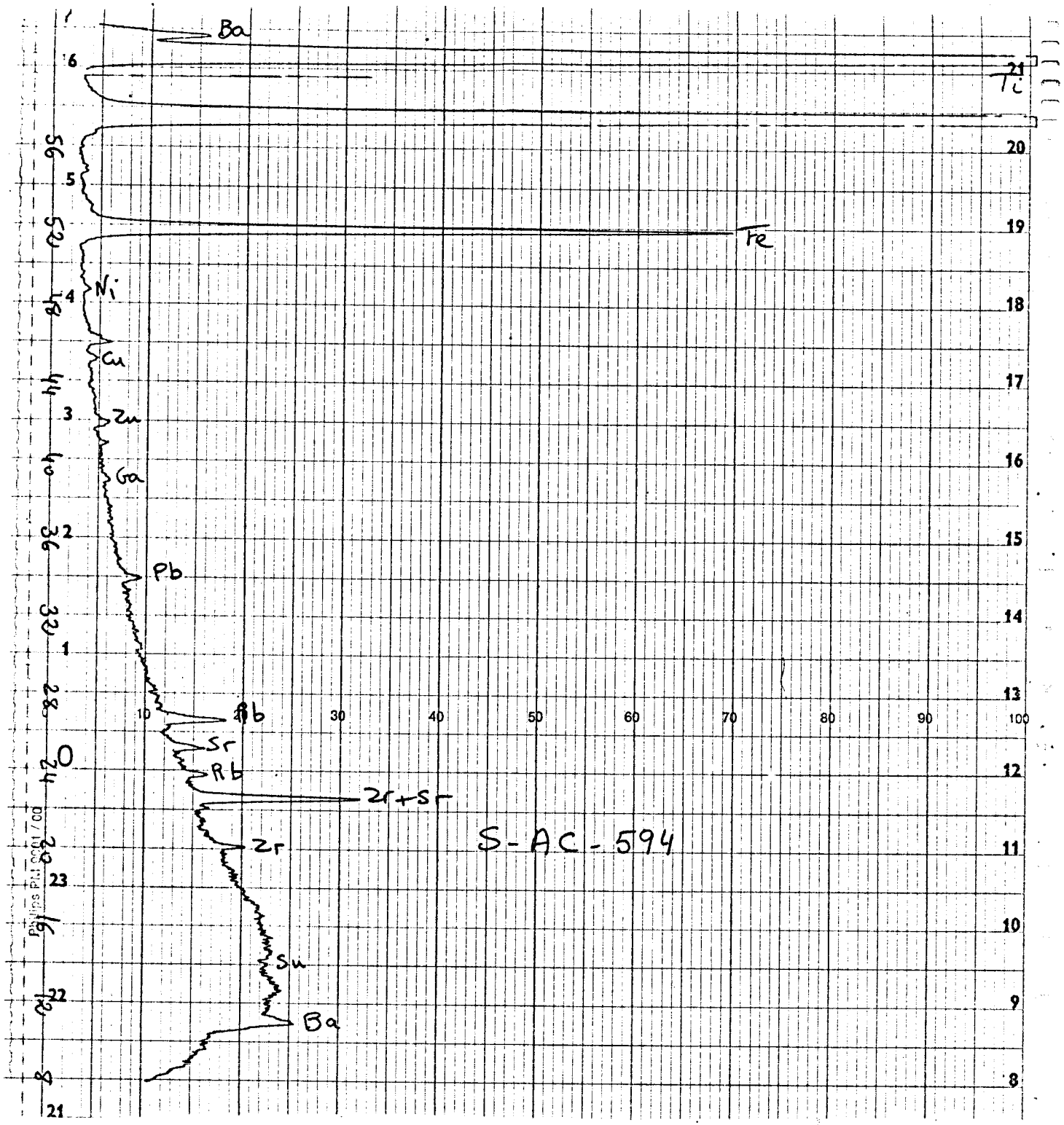

Ba
Ti
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Zr+Sr
Nb
Zr
Sn
Ba
S-AC-589
10
30
40
50
60
70
80
90
100

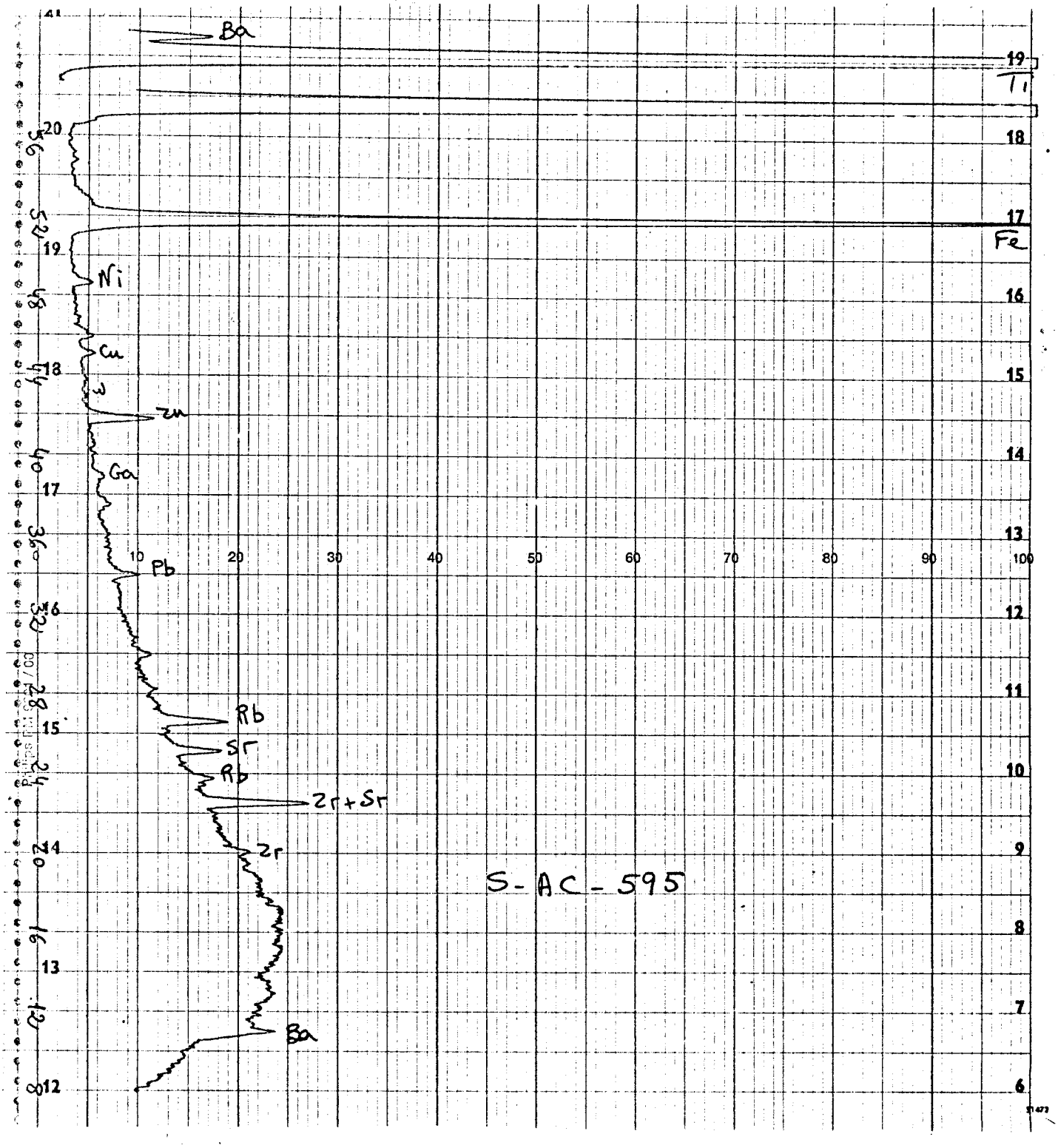

Ba
Mn
Fe
Ti
Ga
Rb
Sr
Rb
Zr+Sr
Nb
Mo
Zr
Y
Ba
S-AC-590

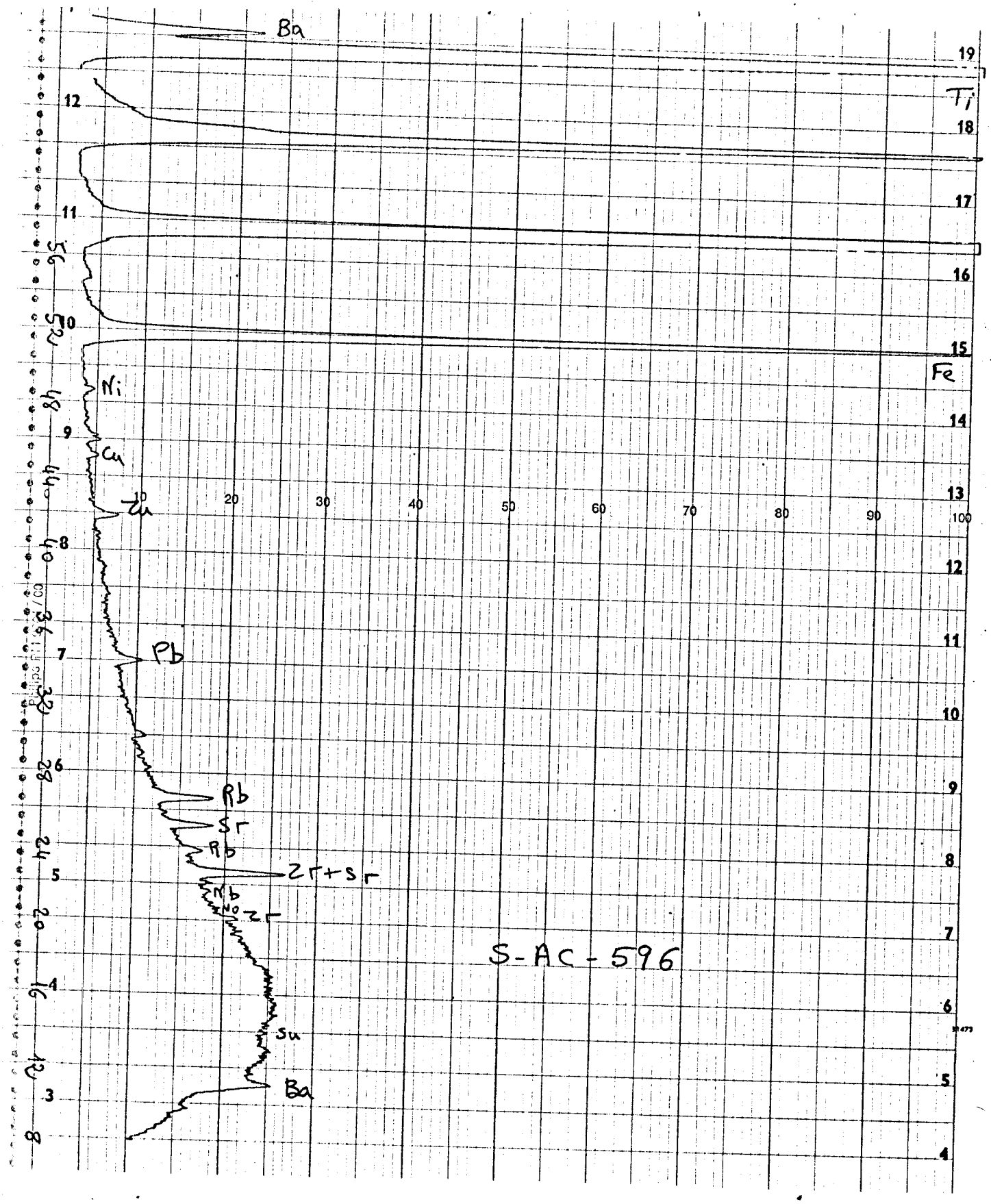

Ba
Ti
Mn
Fe
Ni
Cu
Zn
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Sr
Ba
S-AC-591
10
20
30
40
50
60
70
80
90
100

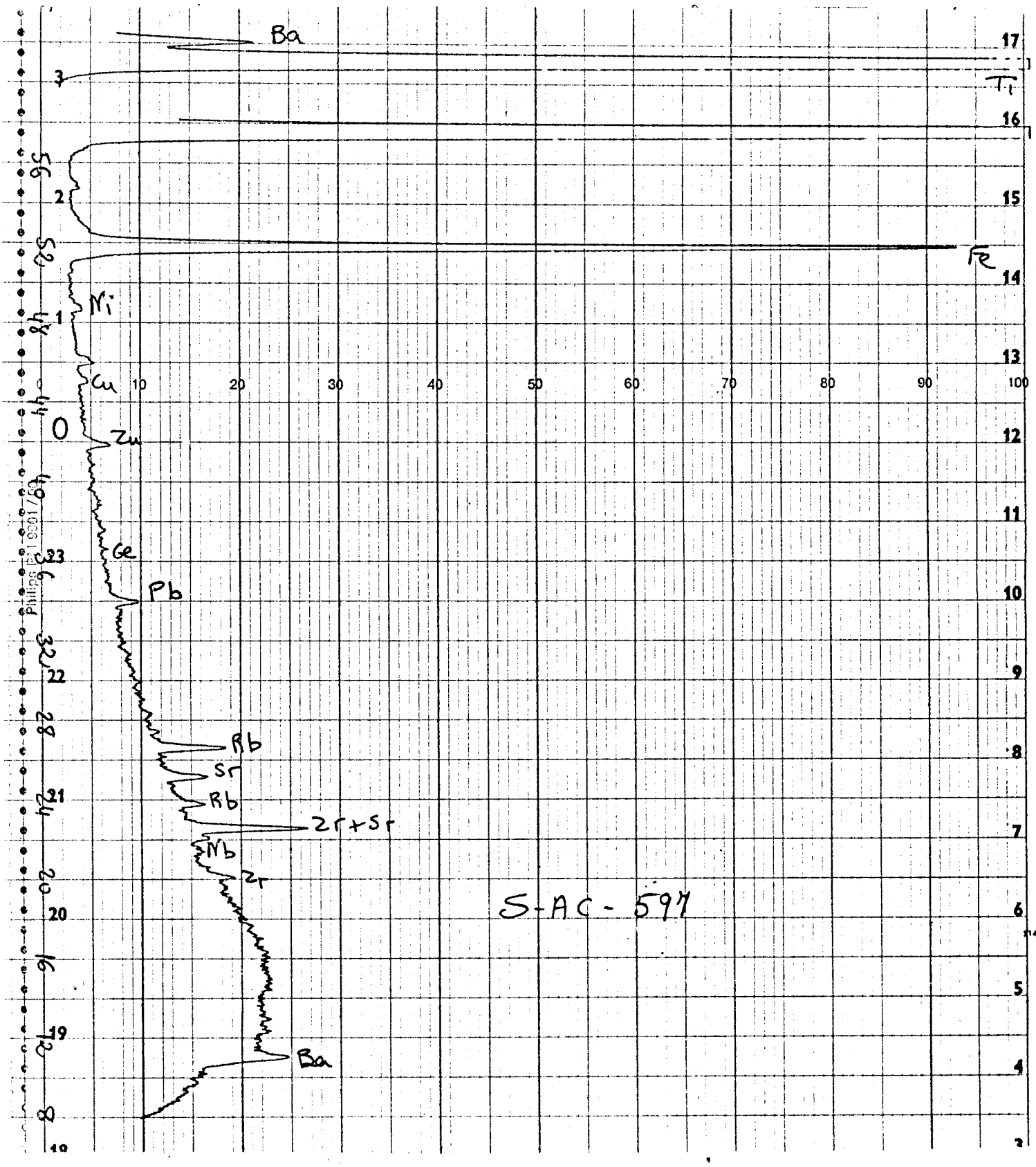

Ba
Li
Mn
FeO
Cr
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ba
5-AC-592/

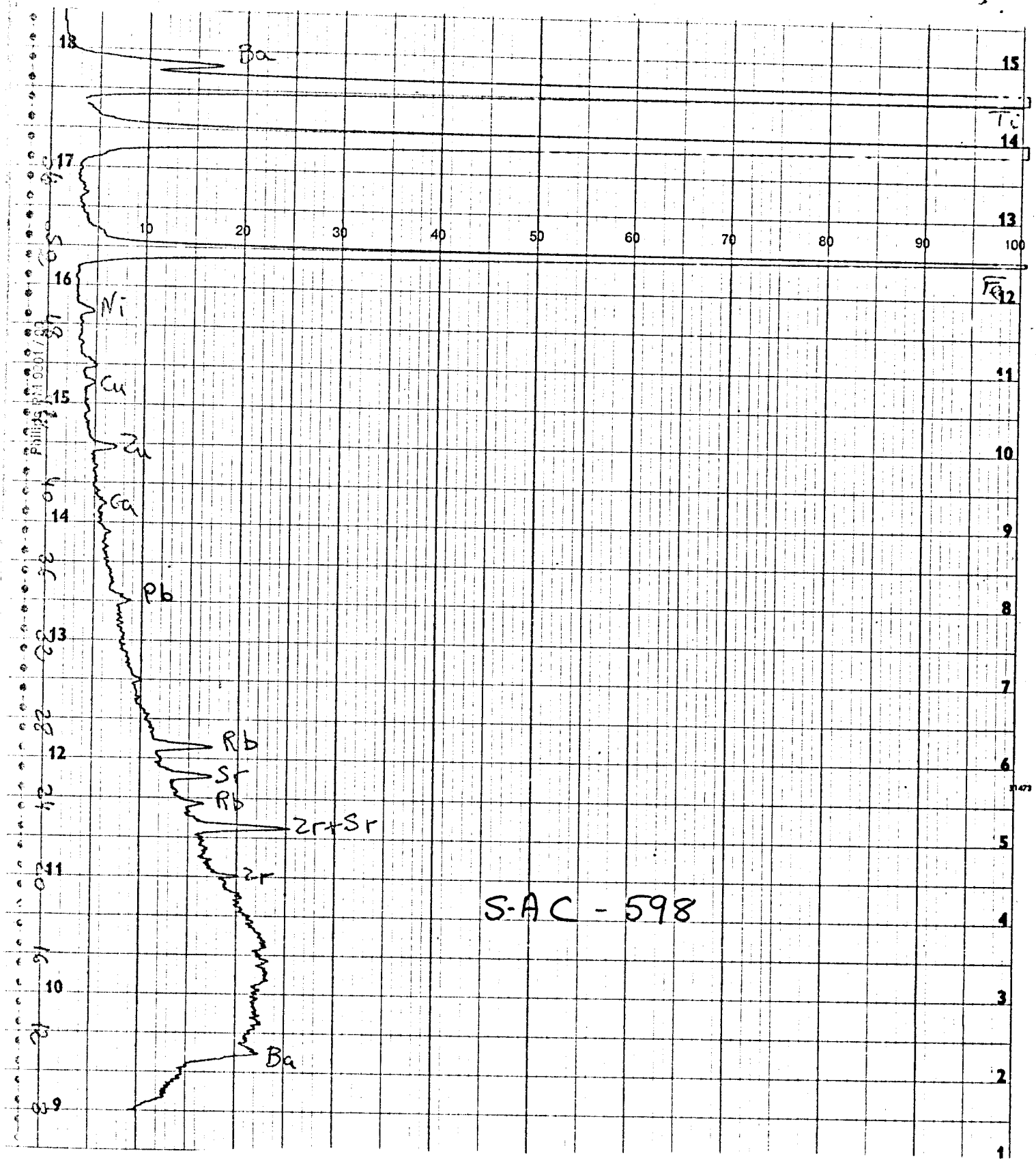

Ba
O
Ti
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ba
S-AC-593
10
20
30
40
50
60
70
80
90
100

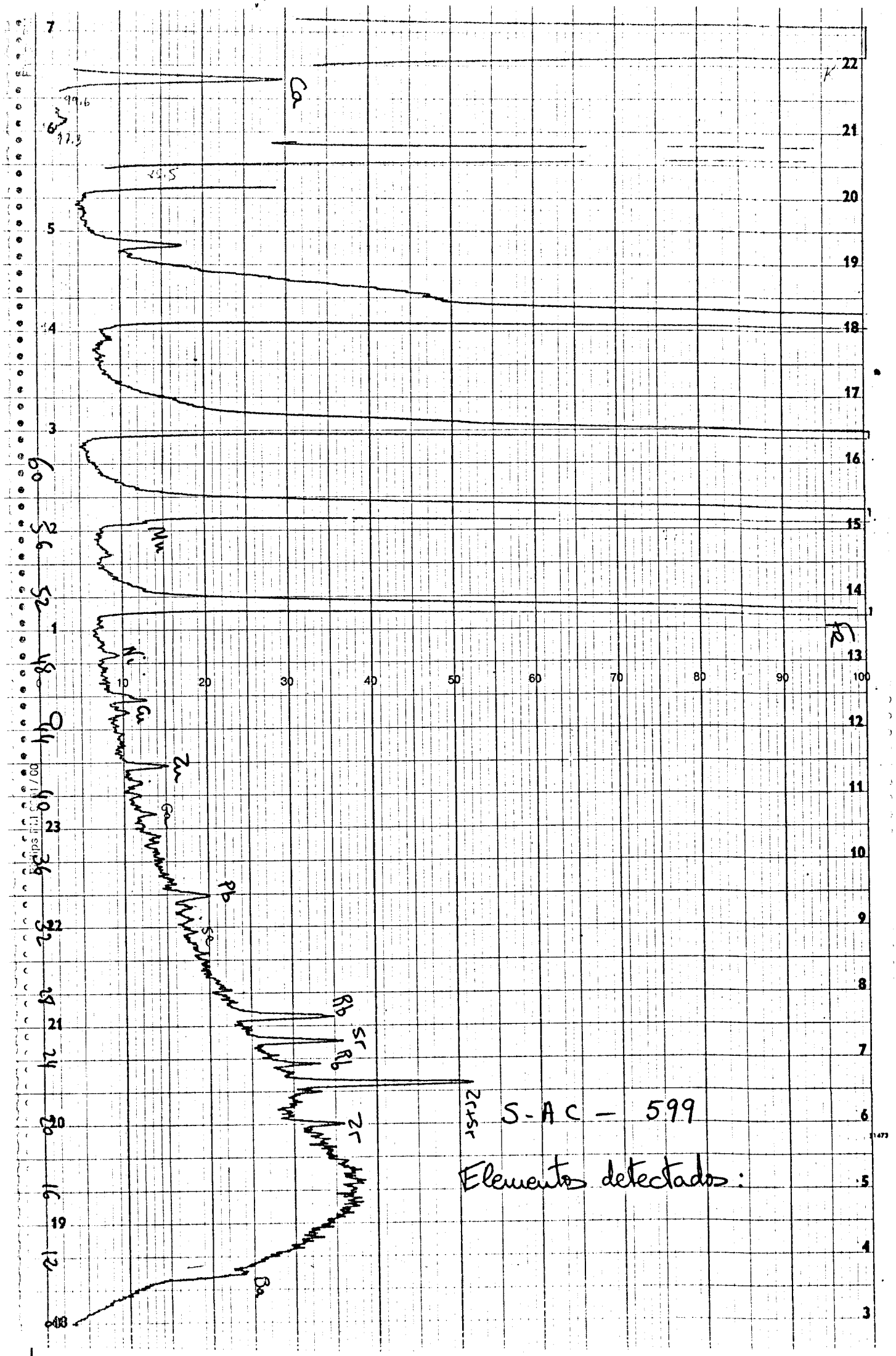

Ba
Ti
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Y
Ba
S-AC-594
10
30
40
50
60
70
80
90
100


Ba
Ti
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Ba
S-AC-595
10
20
30
40
50
60
70
80
90
100


Ba
Ti
Fe
Ni
Cr
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Sn
Ba
S-AC-596

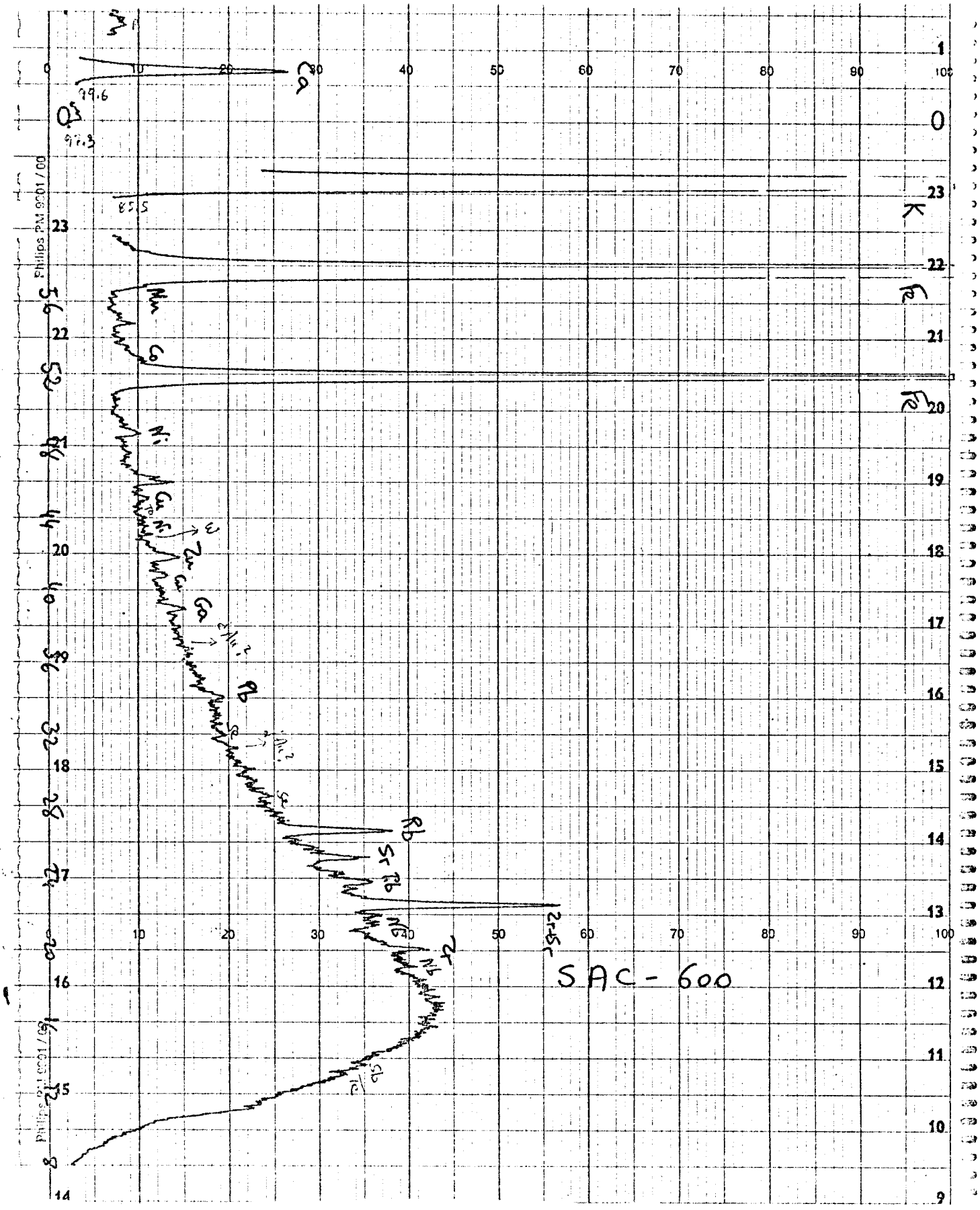

Ba
Ti
Fe
Mn
Cr
Ge
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ba
S-AC-597
10
20
30
40
50
60
70
80
90
100
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
56
52
48
44
40
36
32
28
24
20
16
12
8
23
22
21
19


Ba
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Ba
S-AC-598

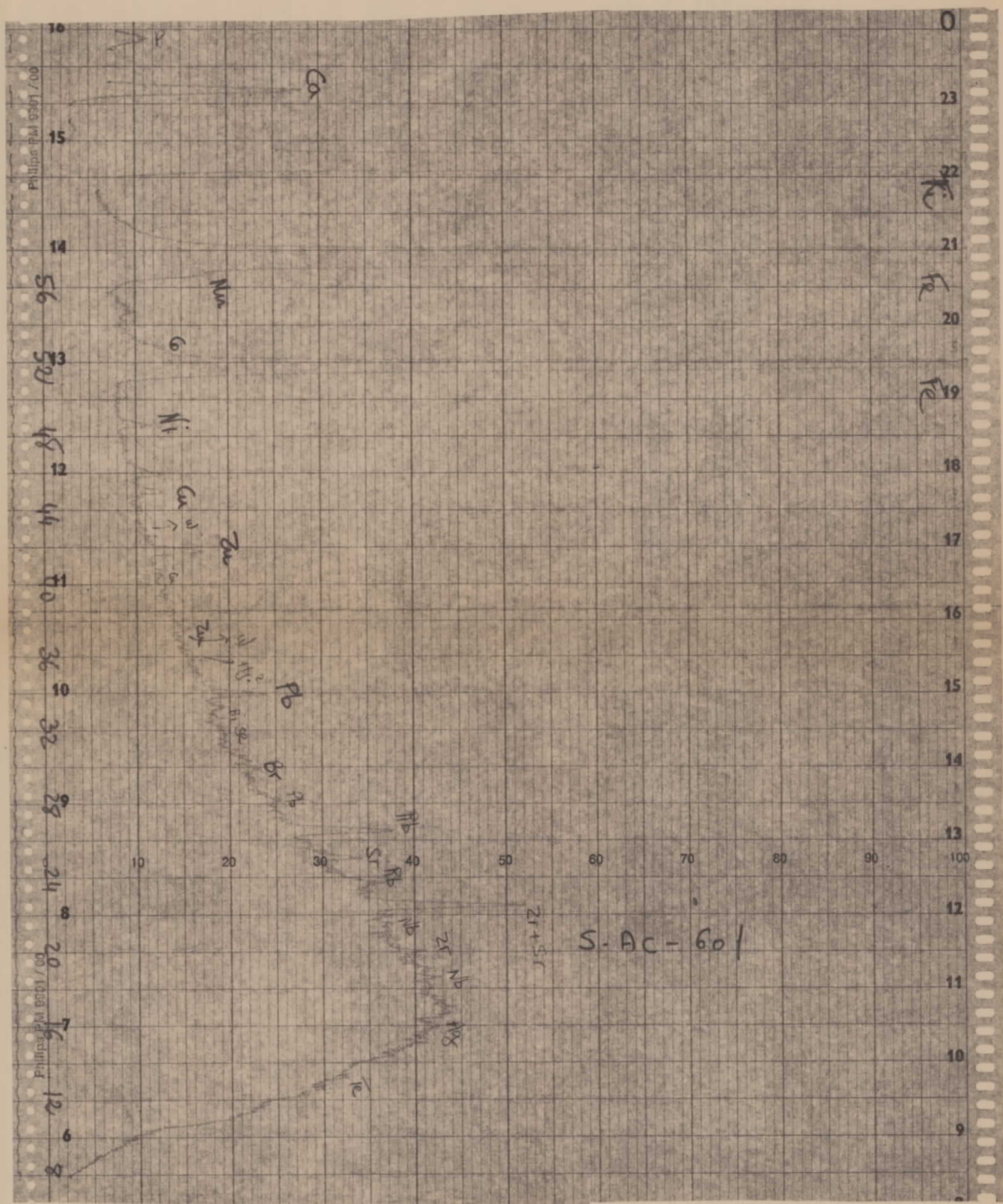


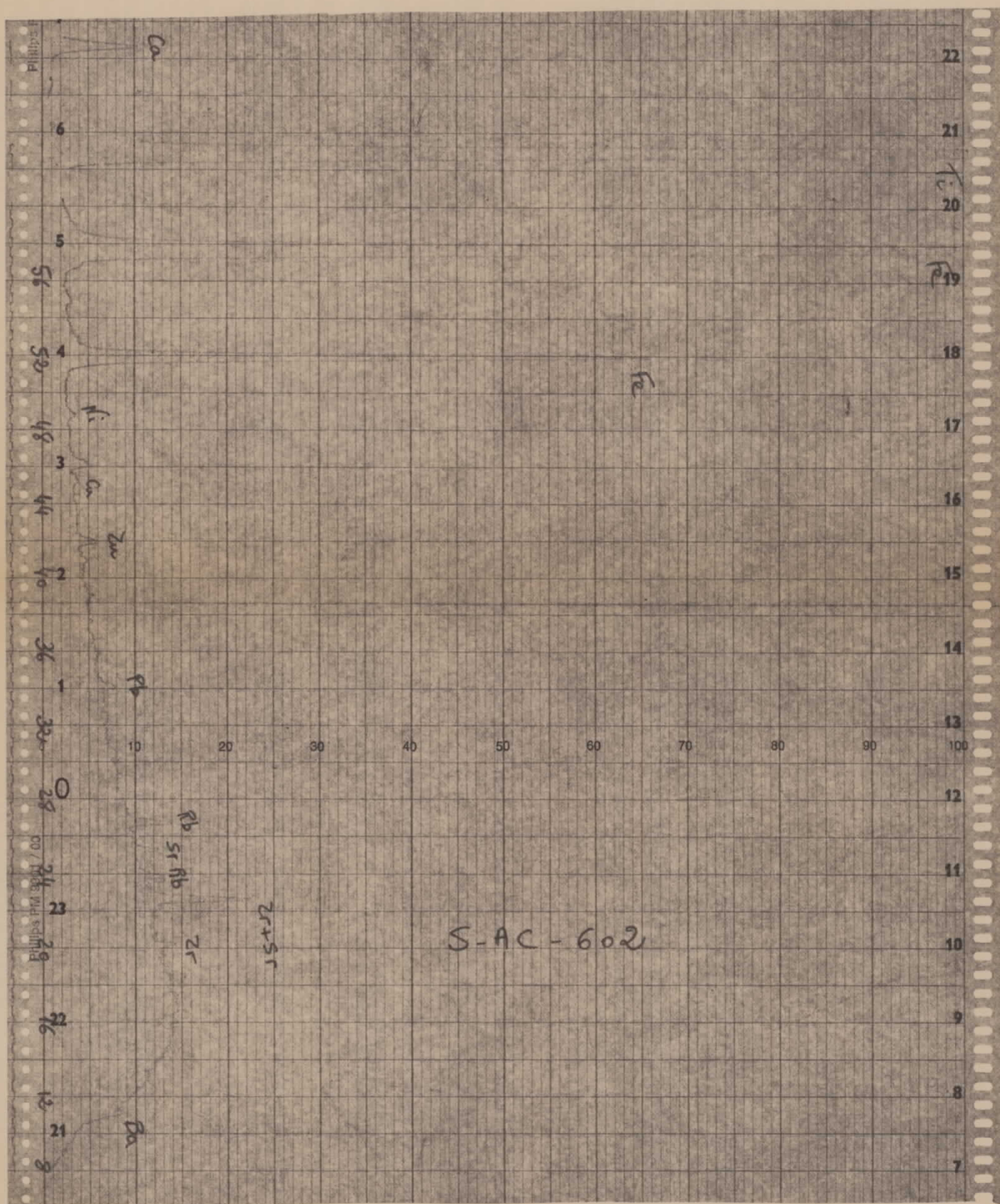
S-AC – 599

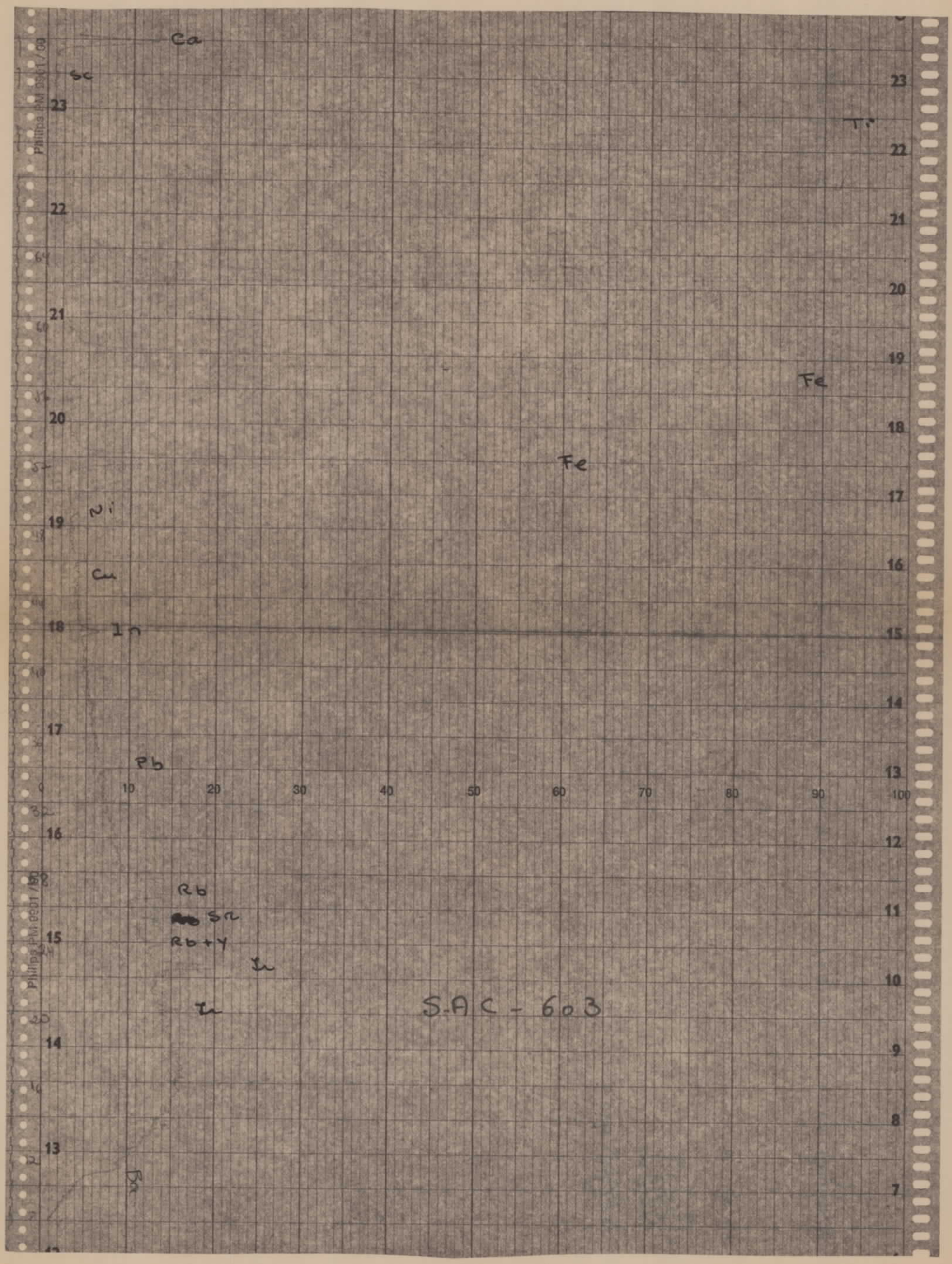
Elementos detectados:

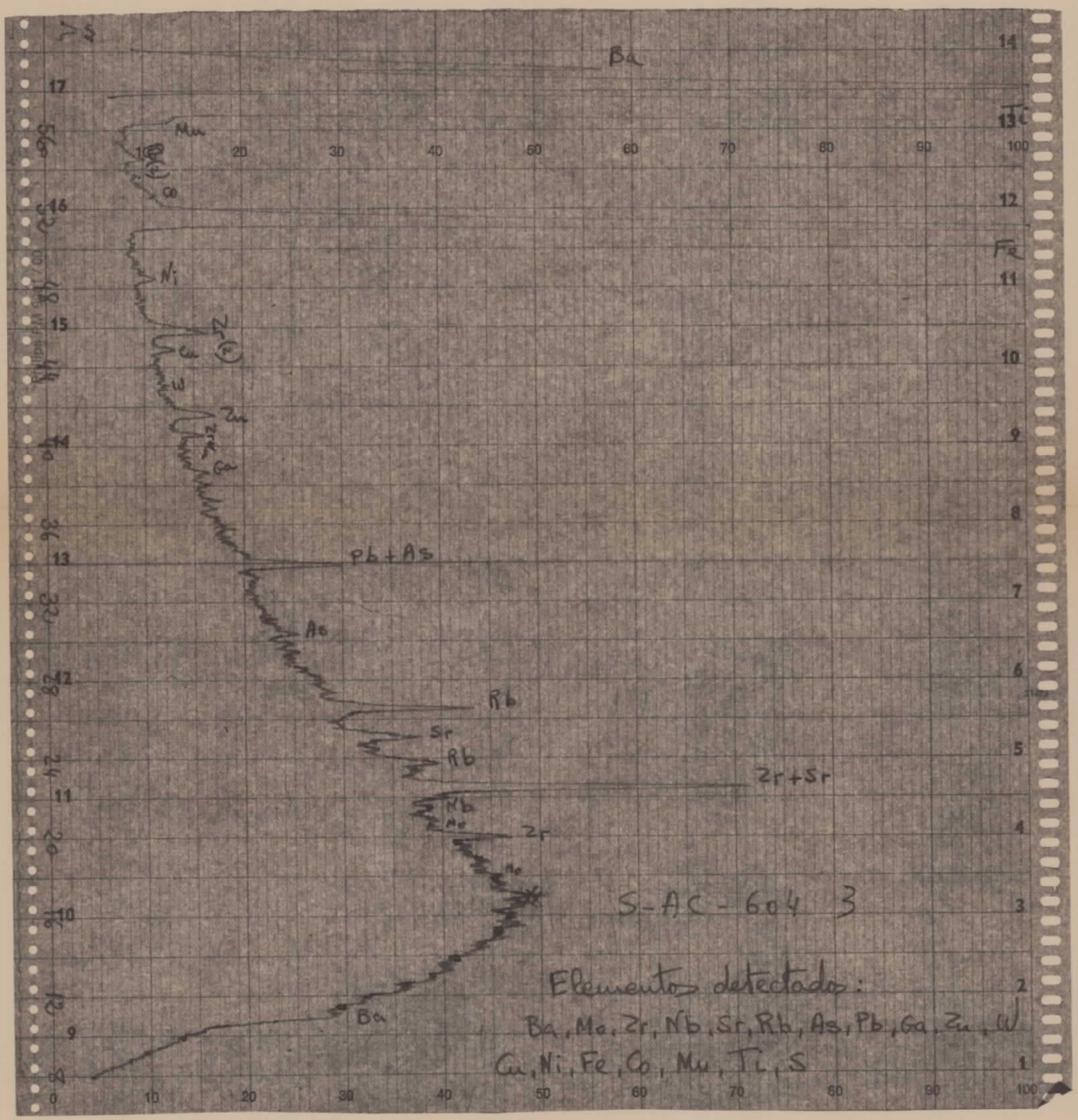


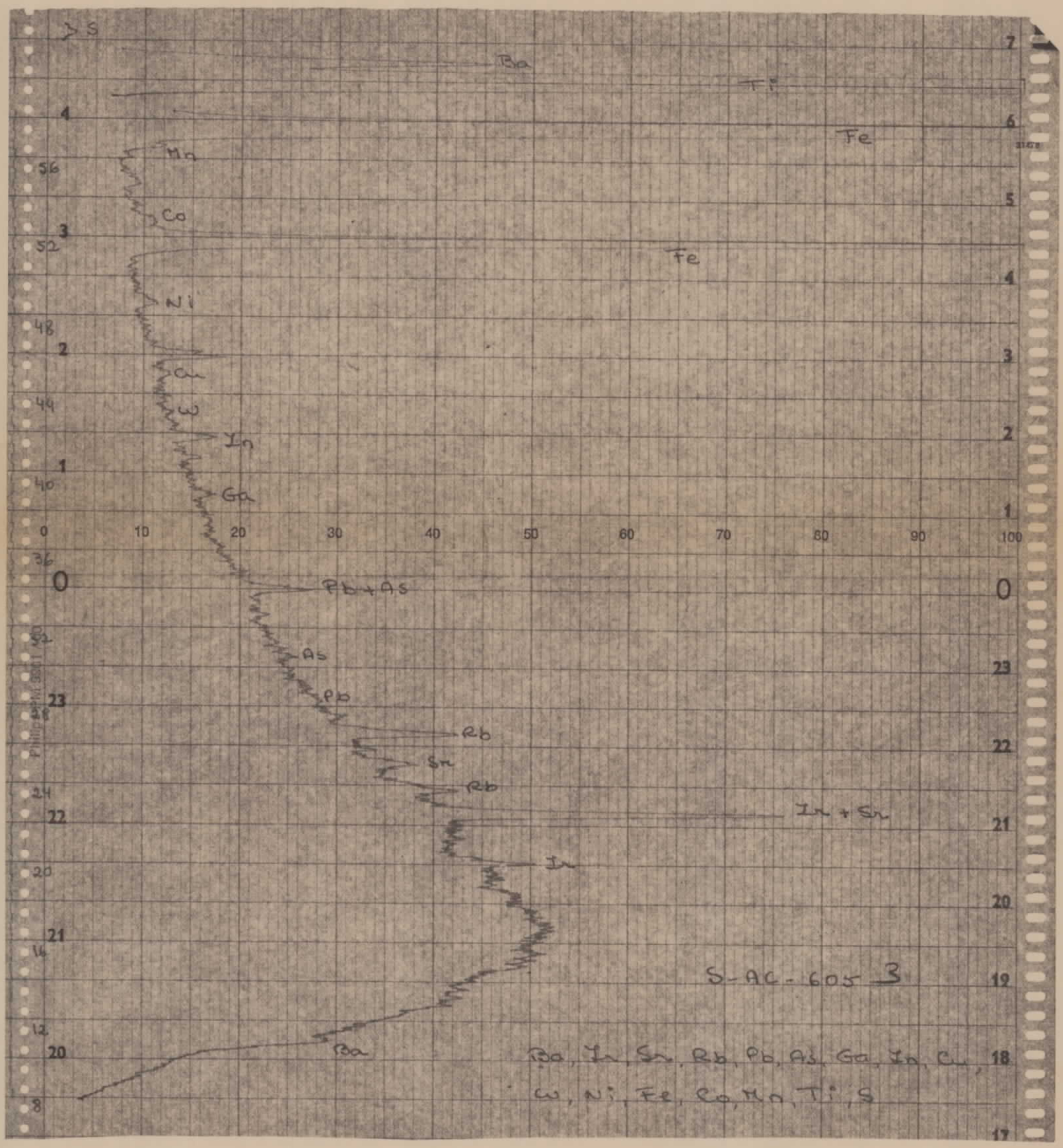
Ca
99.6
O
97.3
85.5
K
Fe
Mn
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Zr
Nb
SAC-600
Philips PM 9901 / 00

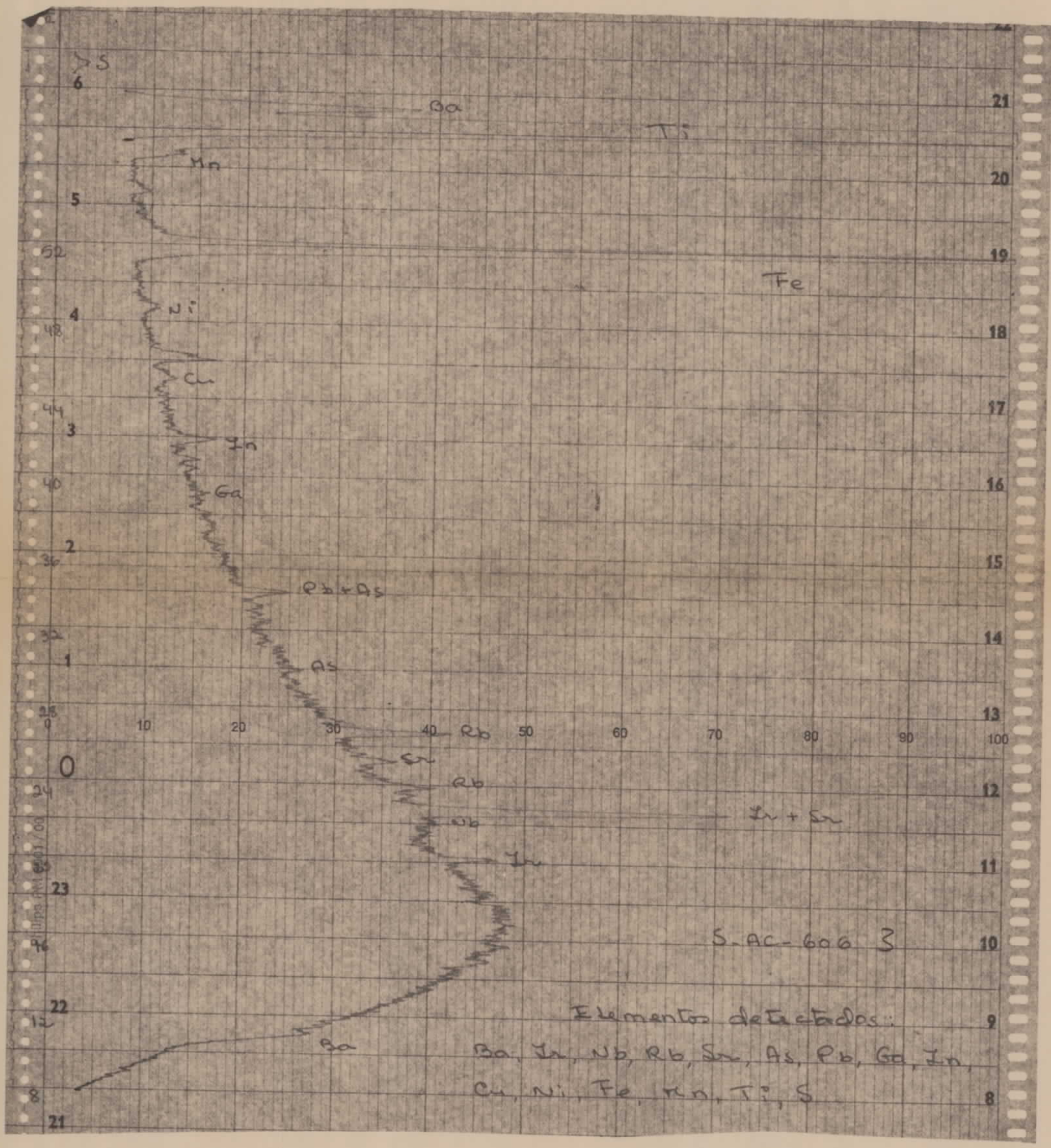

S-AC-601
Ca
Na
Ni
Cu
Zn
Pb
Br
Sr
Rb
Nb
Zr
Zr+Sr
Fe
Mn
10
20
30
40
50
60
70
80
90
100

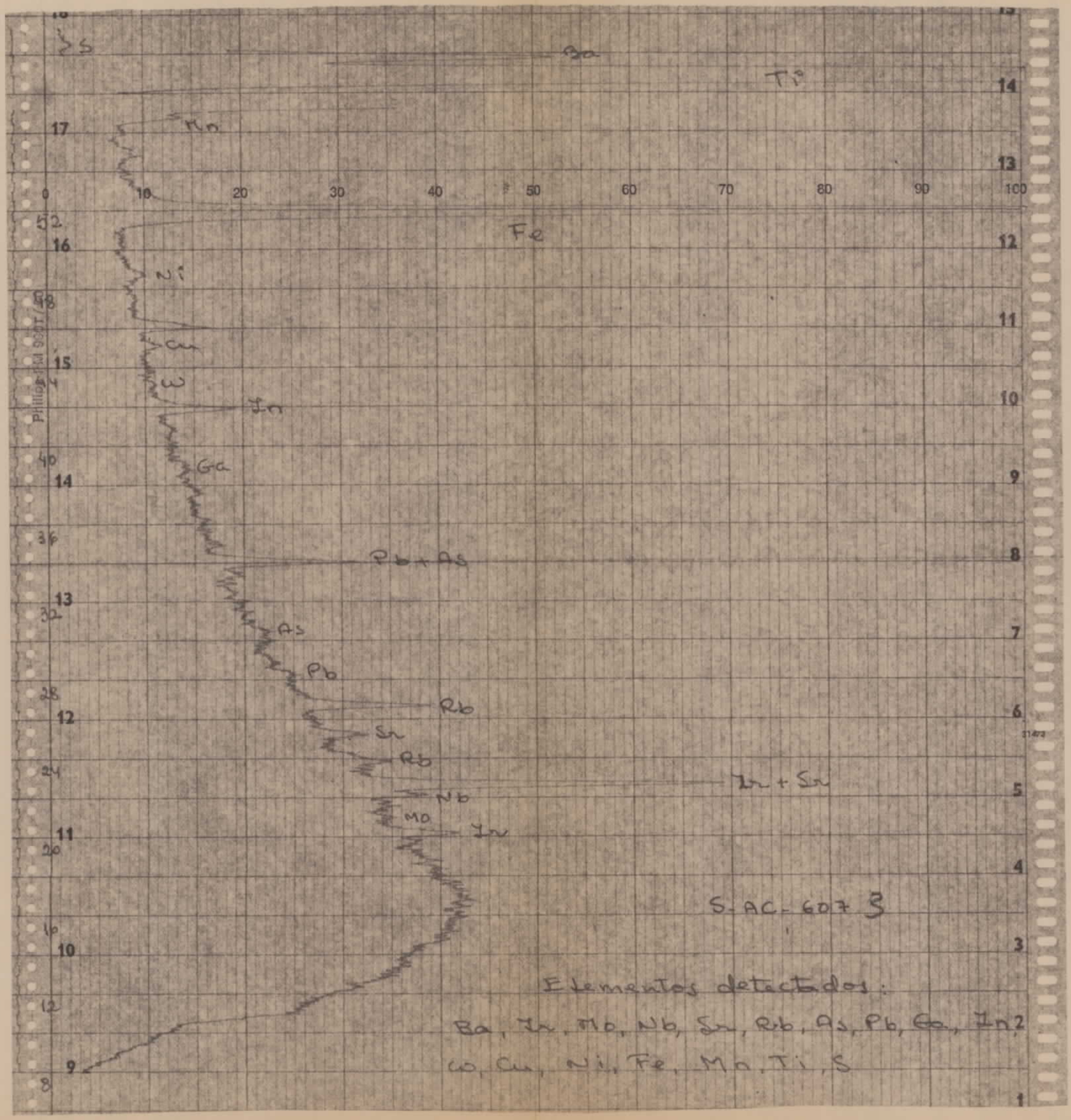

S-AC-602
Ca
Ti
Fe
Ni
Cu
Zn
Pb
Rb
Sr Rb
Zr
Zr+Sr
Ba
10
20
30
40
50
60
70
80
90
100

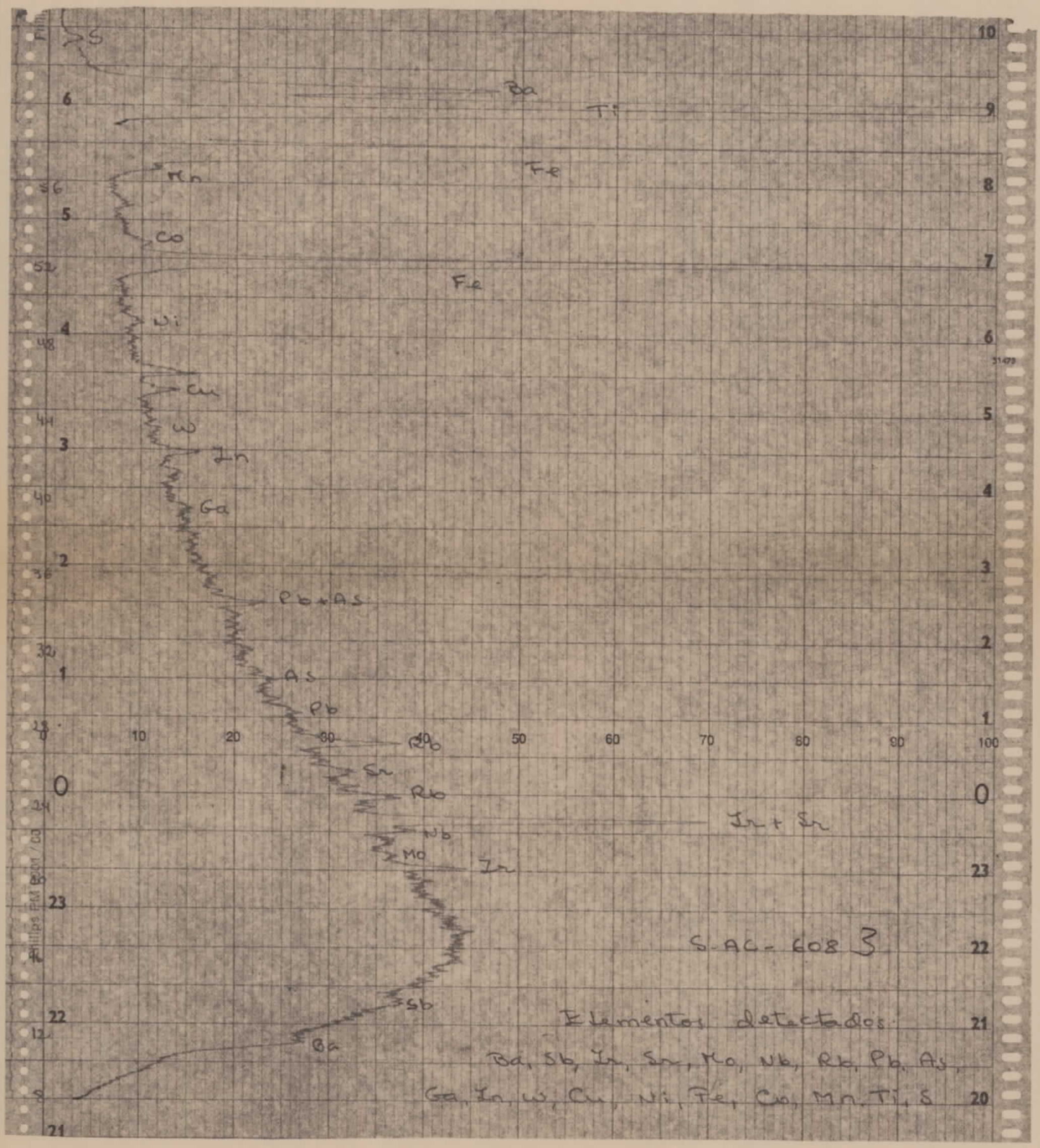

Ca
Sc
Ti
Fe
Fe
Zn
Cu
Zn
Pb
Rb
Sr
Rb+Y
Y
Y
Zr
S.A C - 603

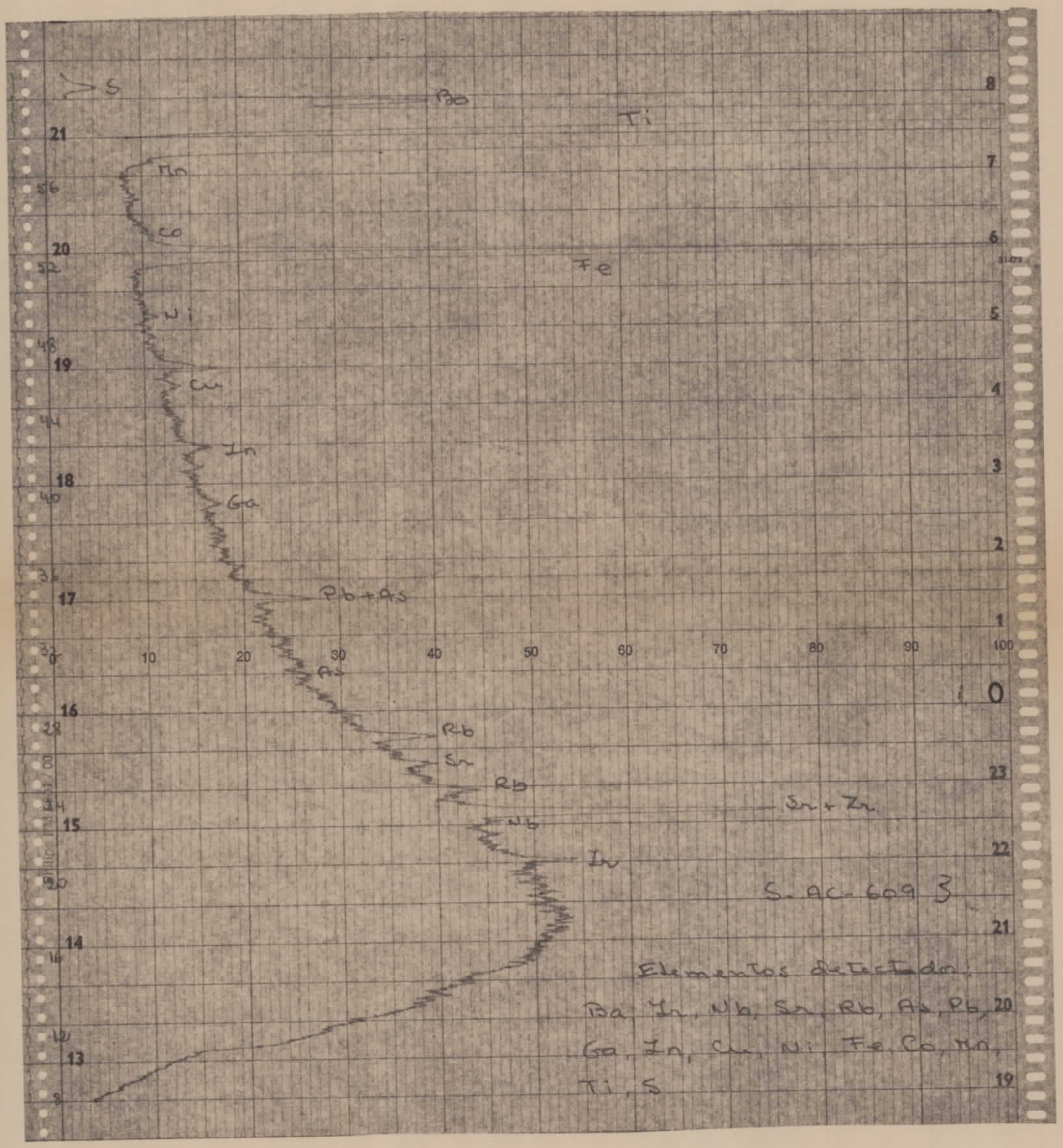

Ba
Mn
Co
Ni
Zr
Pb+As
As
Rb
Sr
Rb
Zr+Sr
Nb
Mo
Zr
Mo
Ba
S-AC-604 3
Elementos detectados:
Ba, Mo, Zr, Nb, Sr, Rb, As, Pb, Ga, Zn, W
Cu, Ni, Fe, Co, Mn, Ti, S

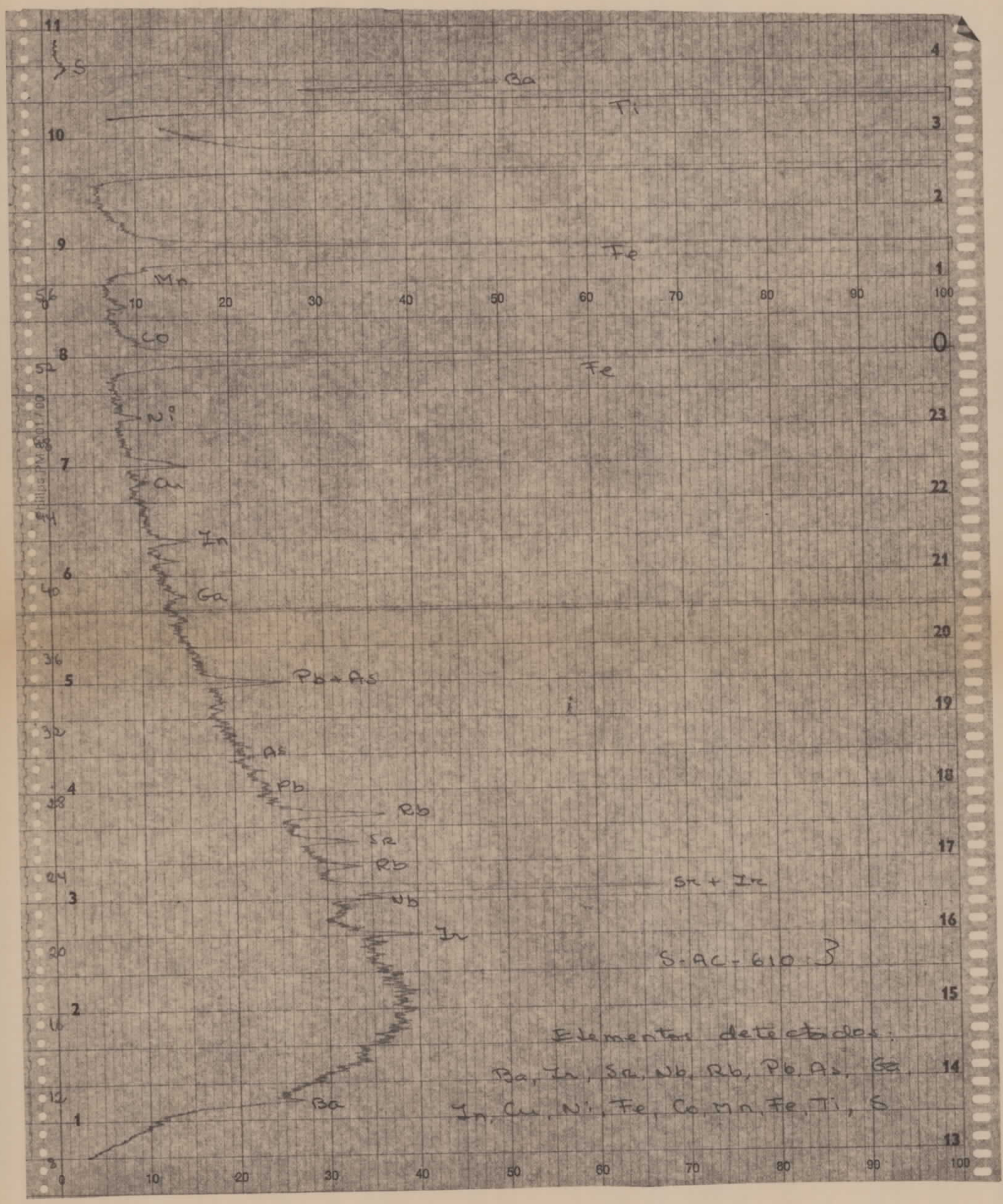

S
Ba
Ti
Fe
Mn
Co
Fe
Ni
Cu
In
Ga
Pb + As
As
Pb
Rb
Sr
Rb
In + Sr
In
Ba
S-AC-605 3
Ba, In, Sn, Rb, Pb, As, Ga, In, Cu,
W, Ni, Fe, Co, Mn, Ti, S

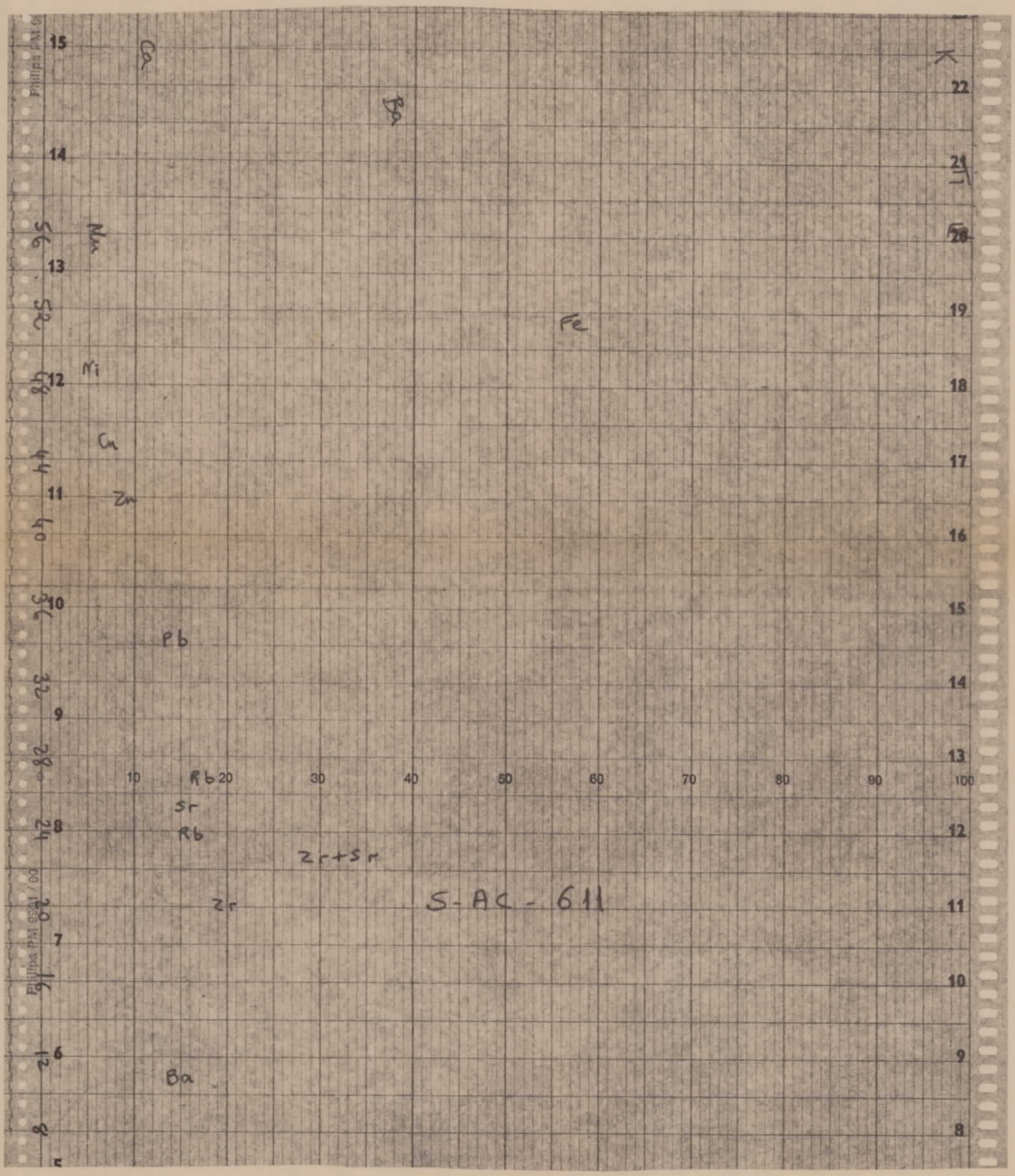

S
Ba
Ti
Mn
Fe
Ni
Cu
Zn
Ga
Pb + As
As
Rb
Sr
Rb
Nb
Zr
Zr + Sr
Ba
S-AC-606 3
Elementos detectados:
Ba, Zr, Nb, Rb, Sr, As, Pb, Ga, Zn,
Cu, Ni, Fe, Mn, Ti, S

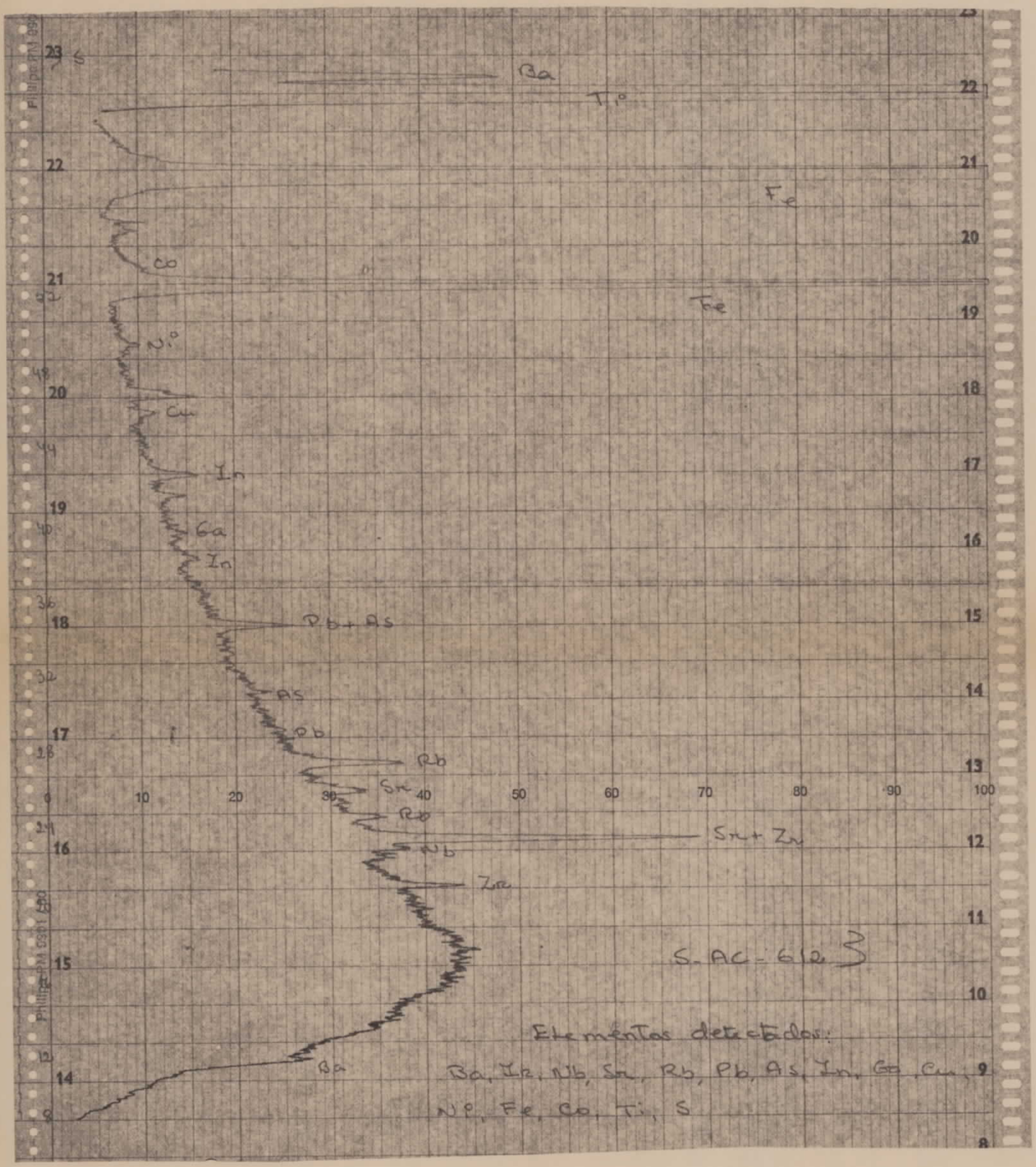

S
Ba
Ti
Mn
Fe
Ni
Cu
W
In
Ga
Pb + As
As
Pb
Rb
Sr
Rb
Ir + Sr
Nb
Mo
Ir
S-AC-607 3
Elementos detectados:
Ba, Ir, Mo, Nb, Sr, Rb, As, Pb, Ga, In,
W, Cu, Ni, Fe, Mn, Ti, S

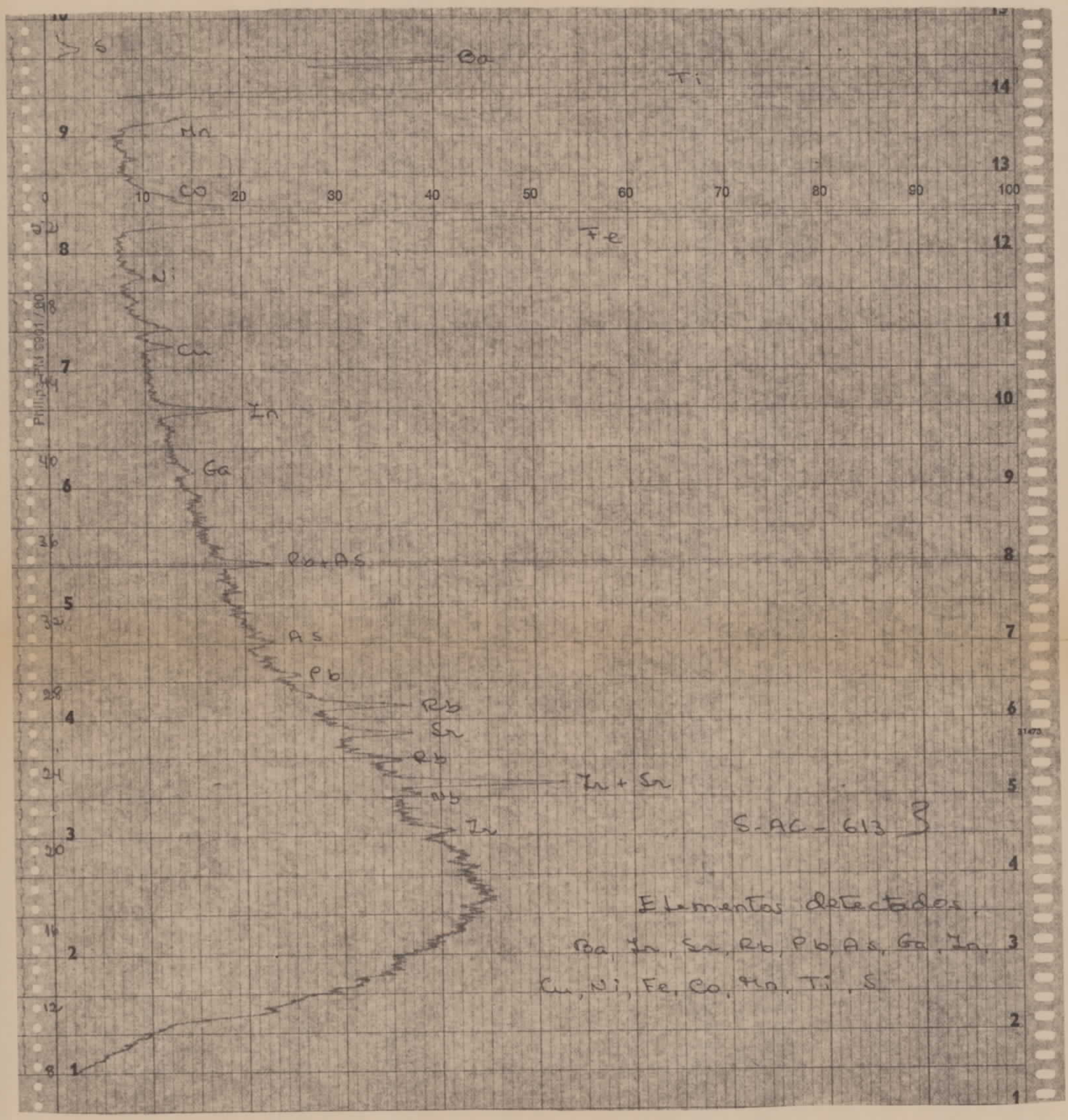

S
Ba
Ti
Fe
Mn
Co
Fe
Ni
Cu
W
Zn
Ga
Pb+As
As
Pb
Rb
Sr
Nb
Mo
Zr
Sb
Ba
Zr + Sr
S-AC-608
Elementos detectados:
Ba, Sb, Zr, Sr, Mo, Nb, Rb, Pb, As,
Ga, Zn, W, Cu, Ni, Fe, Co, Mn, Ti, S

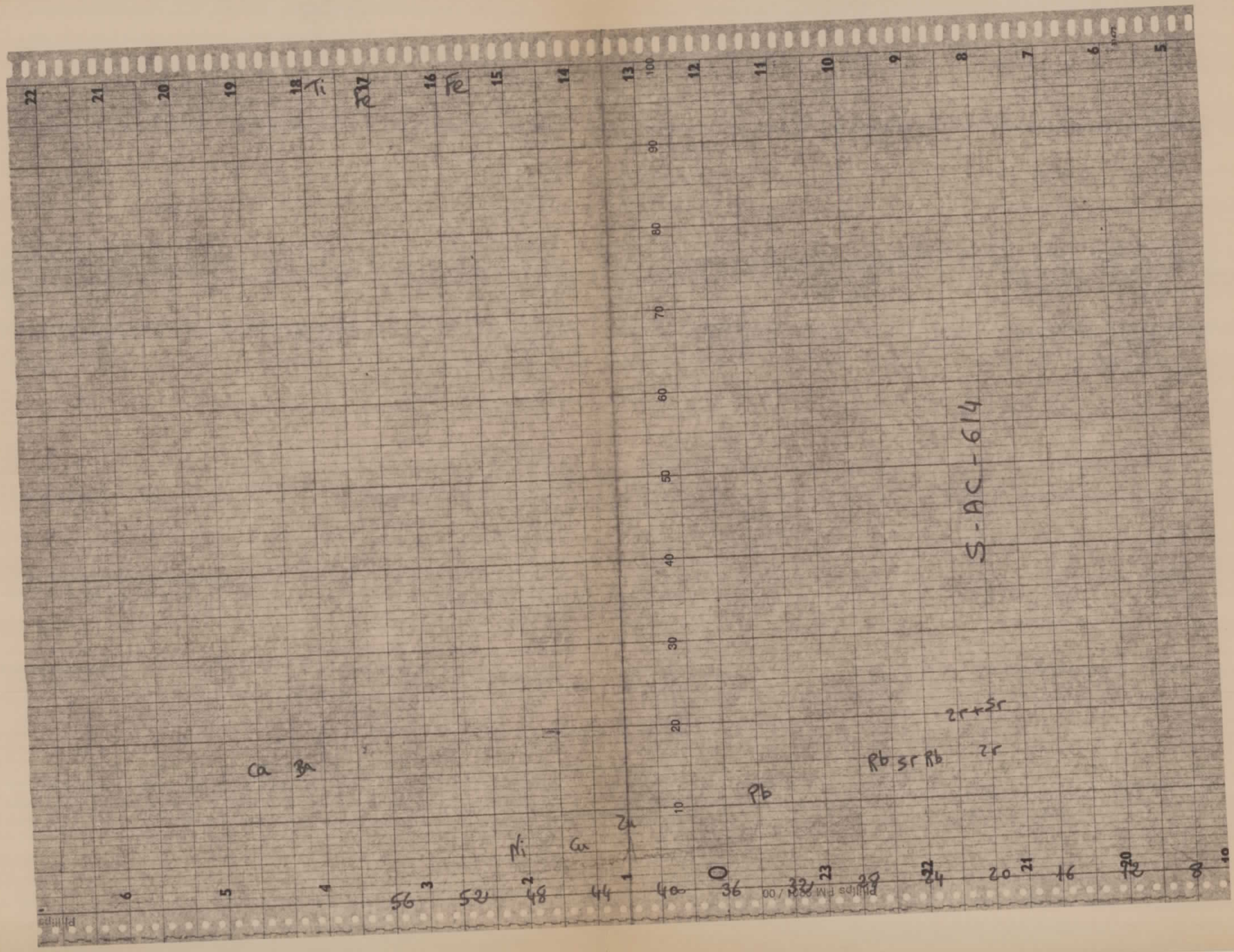

S
Ba
Ti
Mo
Co
Ni
Fe
Cu
Zn
Ga
In
Pb + As
As
Rb
Sr
Rb
Nb
Sr + Zr
In
S-AC-609 3
Elementos detectados:
Ba, In, Nb, Sn, Rb, As, Pb,
Ga, In, Cu, Ni, Fe, Co, Mn,
Ti, S
0
10
20
30
40
50
60
70
80
90
100

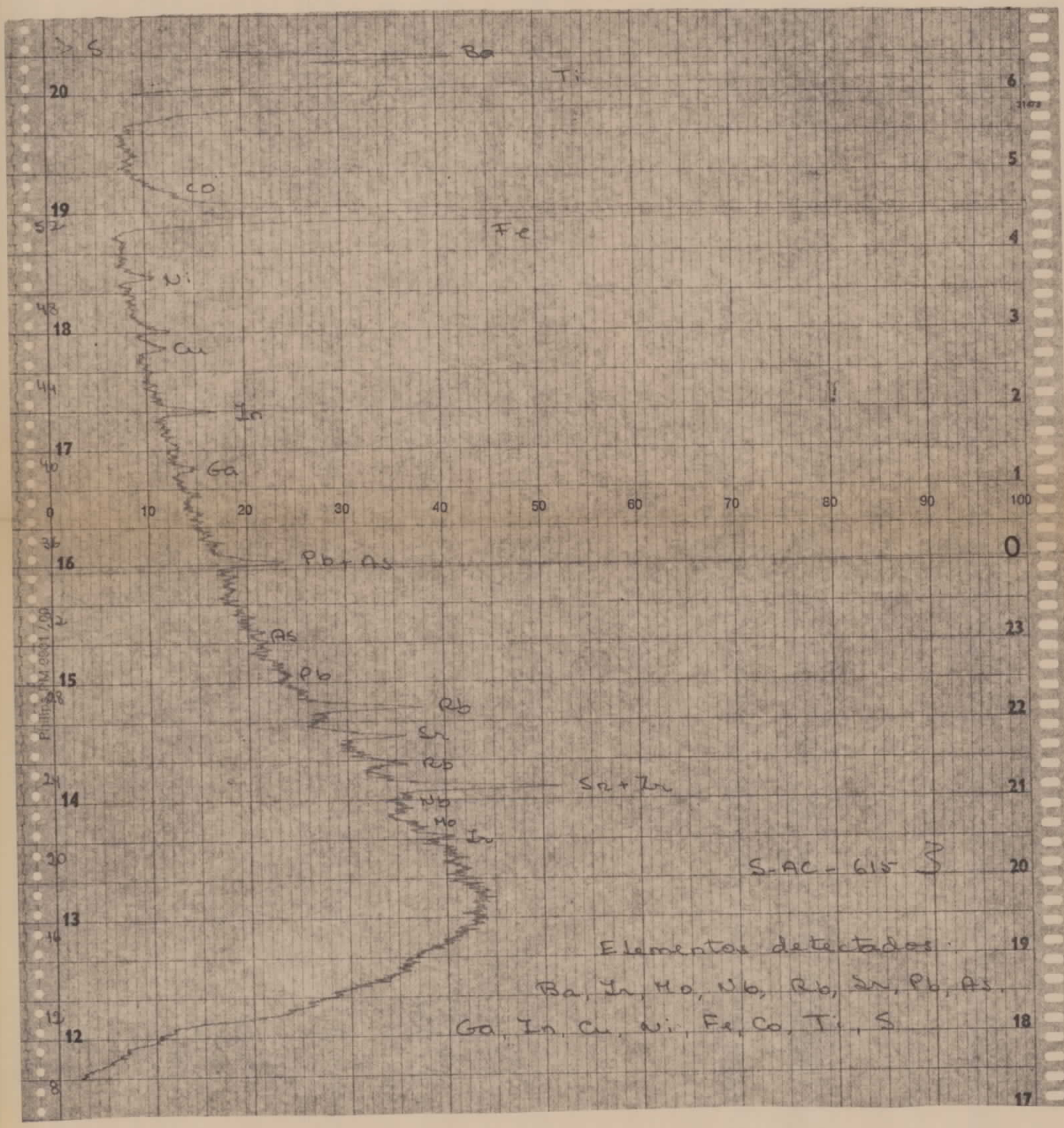

S
Ba
Ti
Fe
Mn
Co
Fe
Cu
In
Ga
Pb - As
As
Pb
Rb
Sr
Rb
Sr + Zr
Nb
Zr
Ba
S-9C-610-3
Elementos detectados:
Ba, Zr, Sr, Nb, Rb, Pb, As, Ga,
In, Cu, Ni, Fe, Co, Mn, Fe, Ti, S

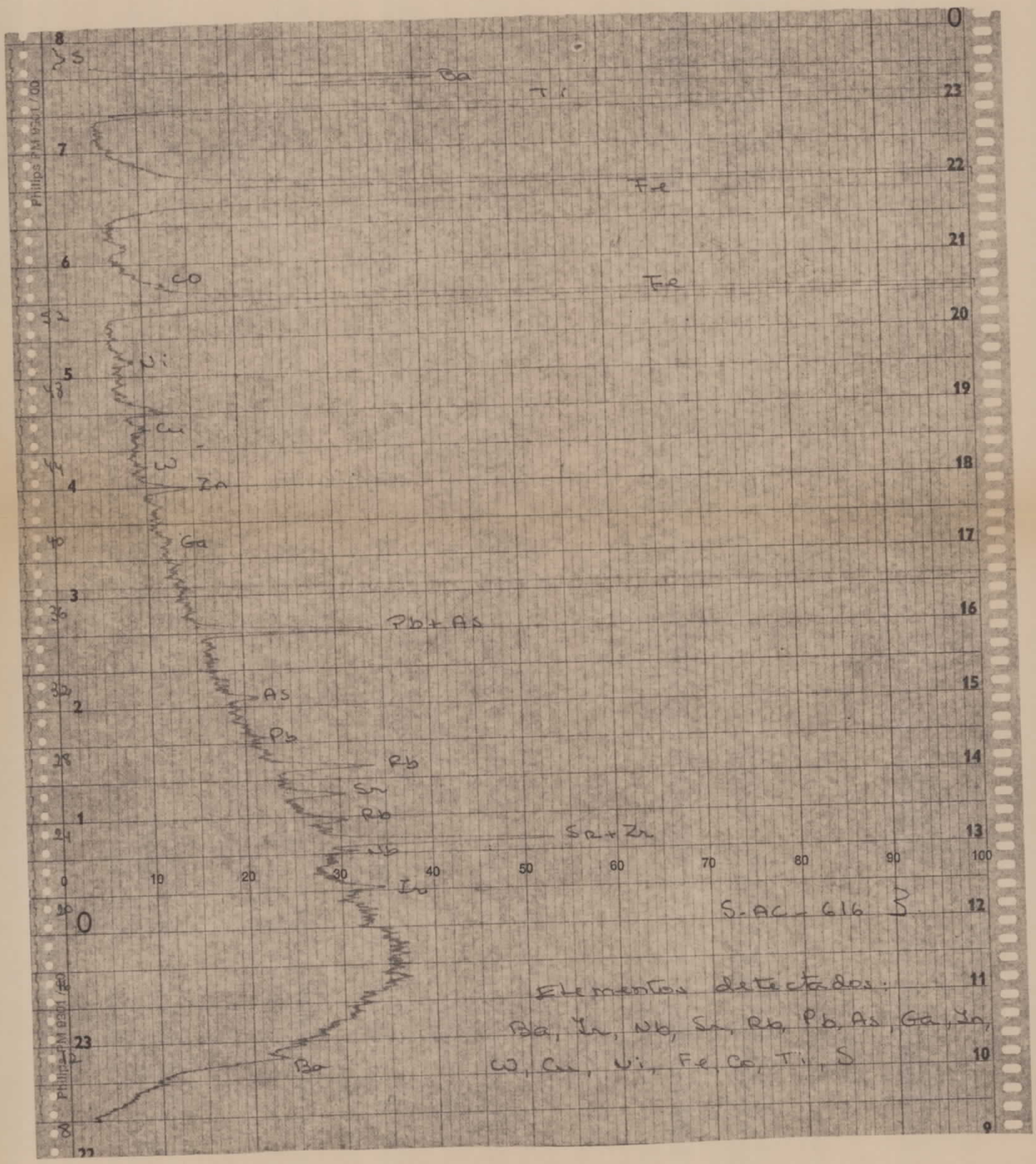

Co
Ba
Nb
Fe
Ni
Cu
Zn
Pb
Rb
Sr
Rb
Zr+Sr
Zr
S-AC-611
Ba

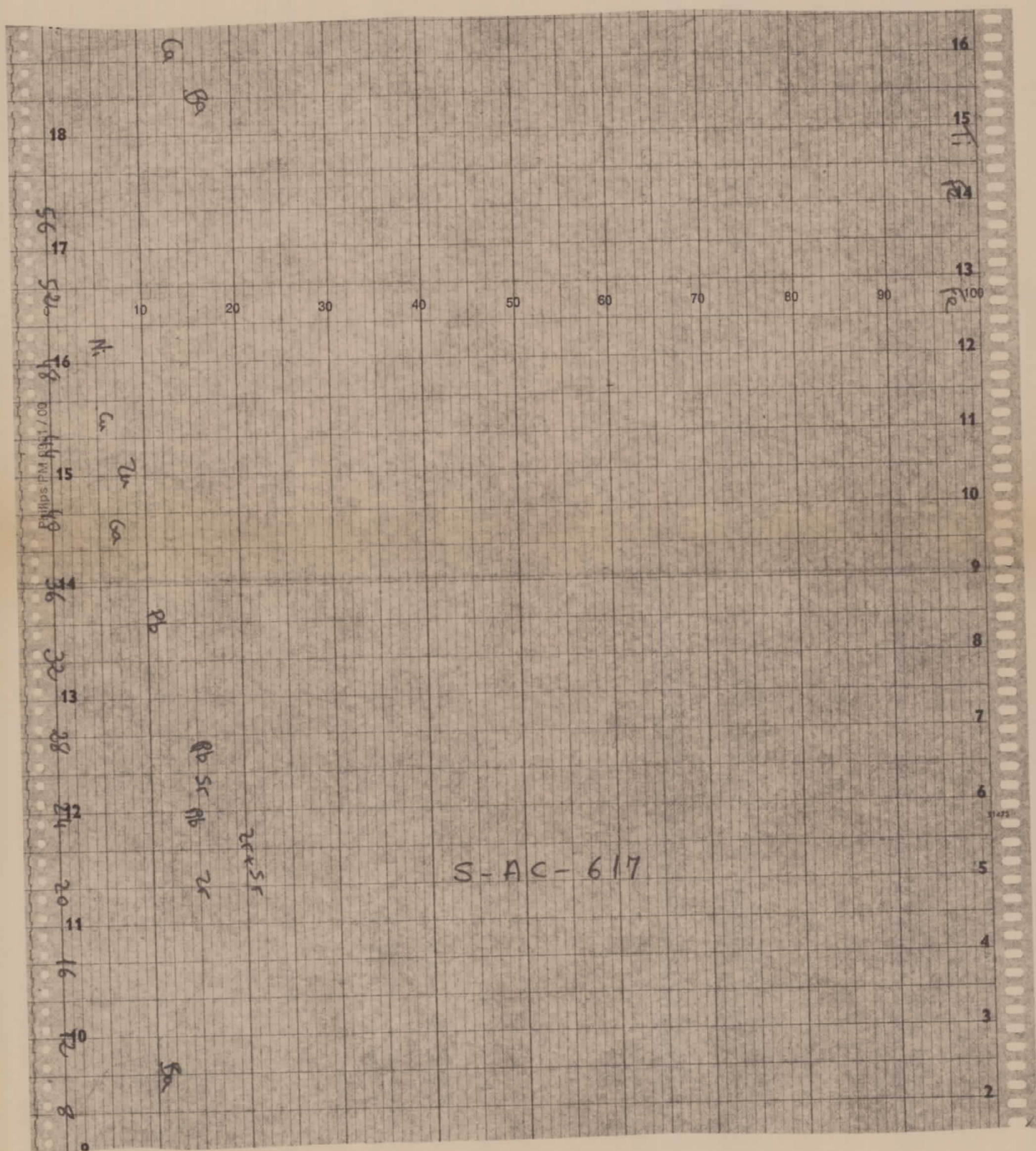

Philips PW 1050
Ba
Ti
Fe
Fe
Ca
In
Ga
In
Pb + As
As
Pb
Rb
Sr
Rb
Sr + Zr
Nb
Zr
Ba
S. AC - 612
Elementos detectados:
Ba, Ir, Nb, Sr, Rb, Pb, As, In, Ga, Cu,
Ni, Fe, Co, Ti, S

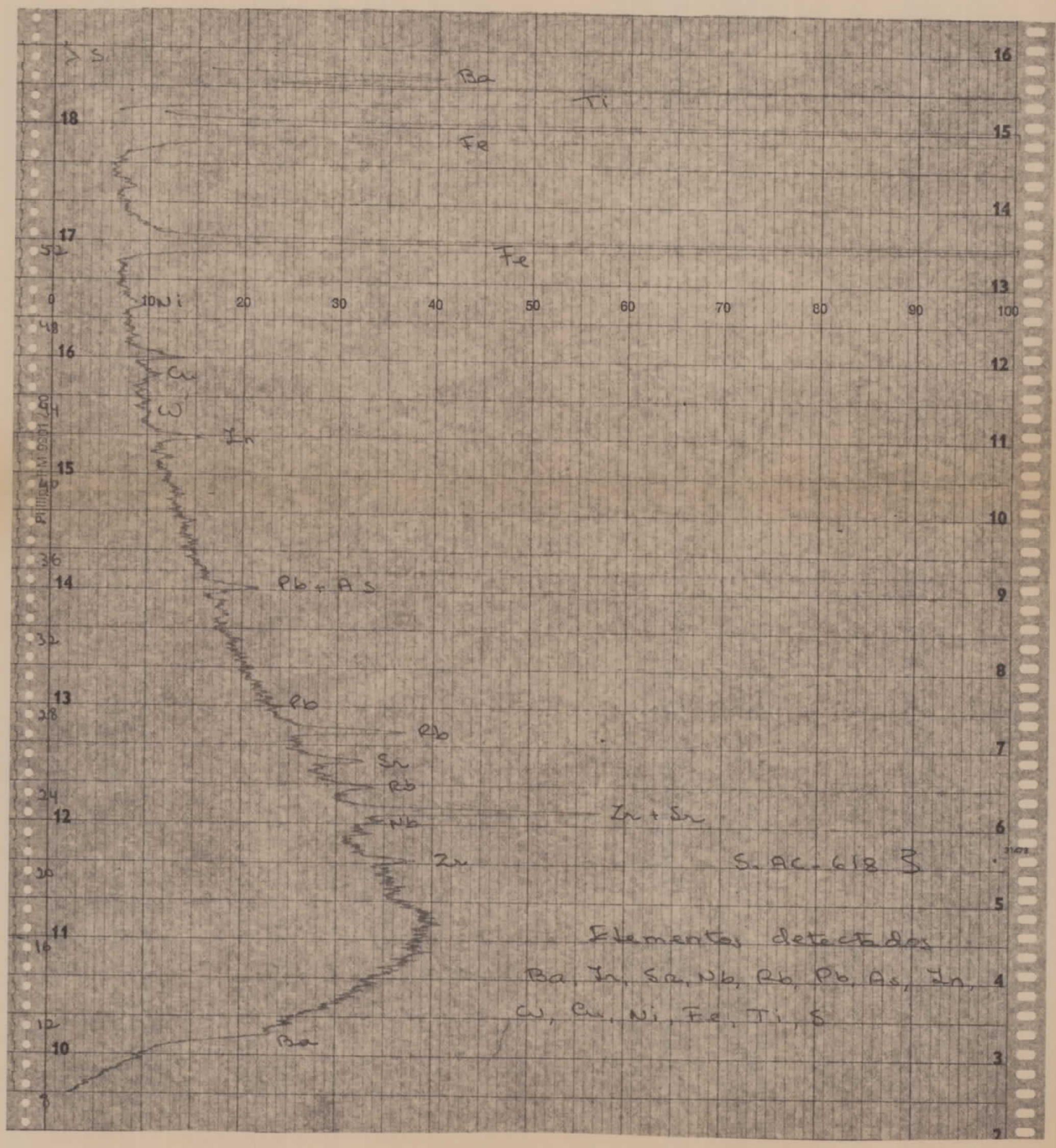

Ba
Ti
Mn
Ca
Fe
Ni
Ga
Pb+As
As
Pb
Rb
Sr
Pb
Zr + Sr
Nb
Zr
S-AC-613
Elementos detectados
Ba, Zr, Sr, Rb, Pb, As, Ga, Zn,
Cu, Ni, Fe, Co, Mn, Ti, S

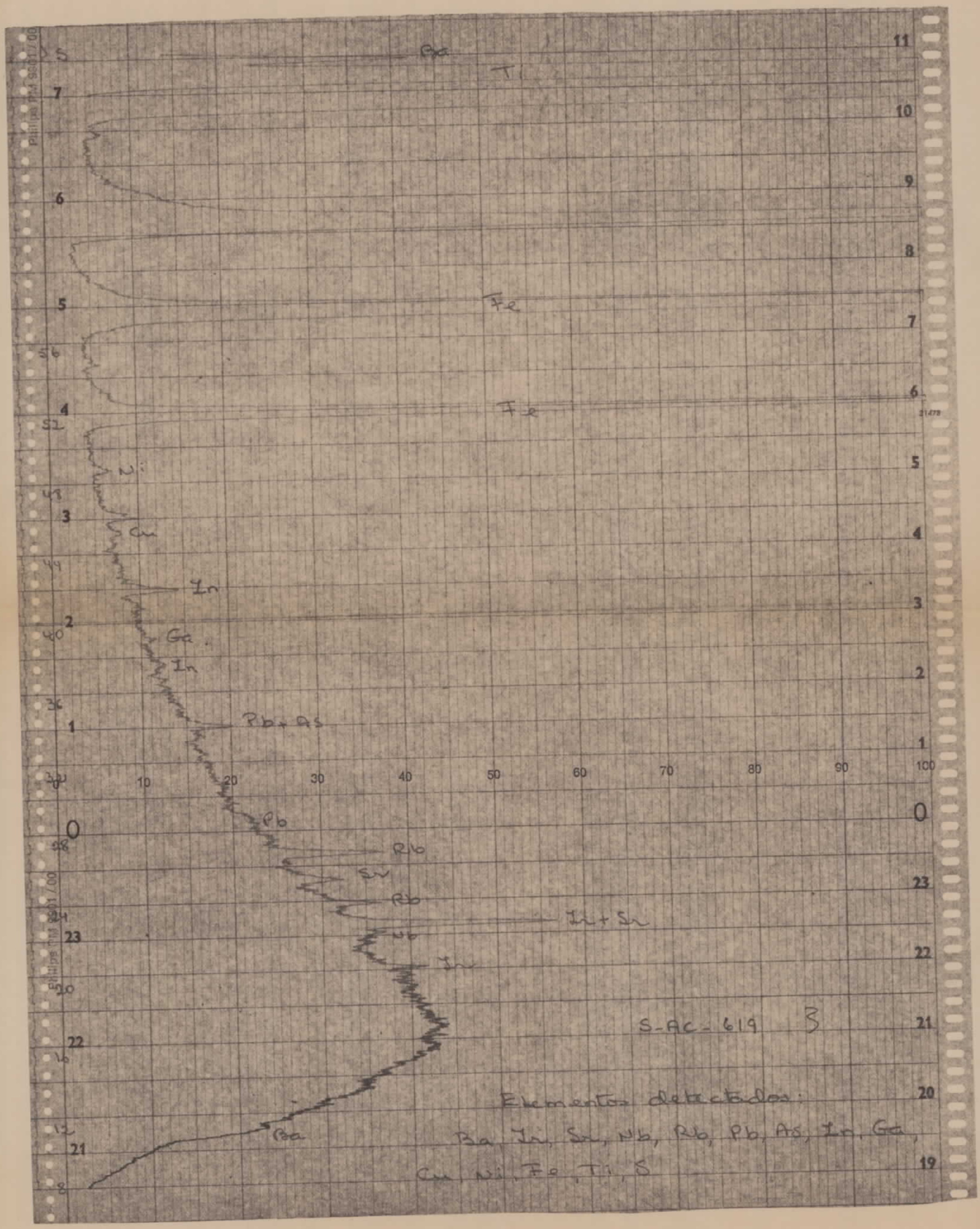

Ti
Fe
Ca Ba
Ni Cu
Zr
Pb
Rb Sr Rb
Zr+Sr
Zr
S-AC-614

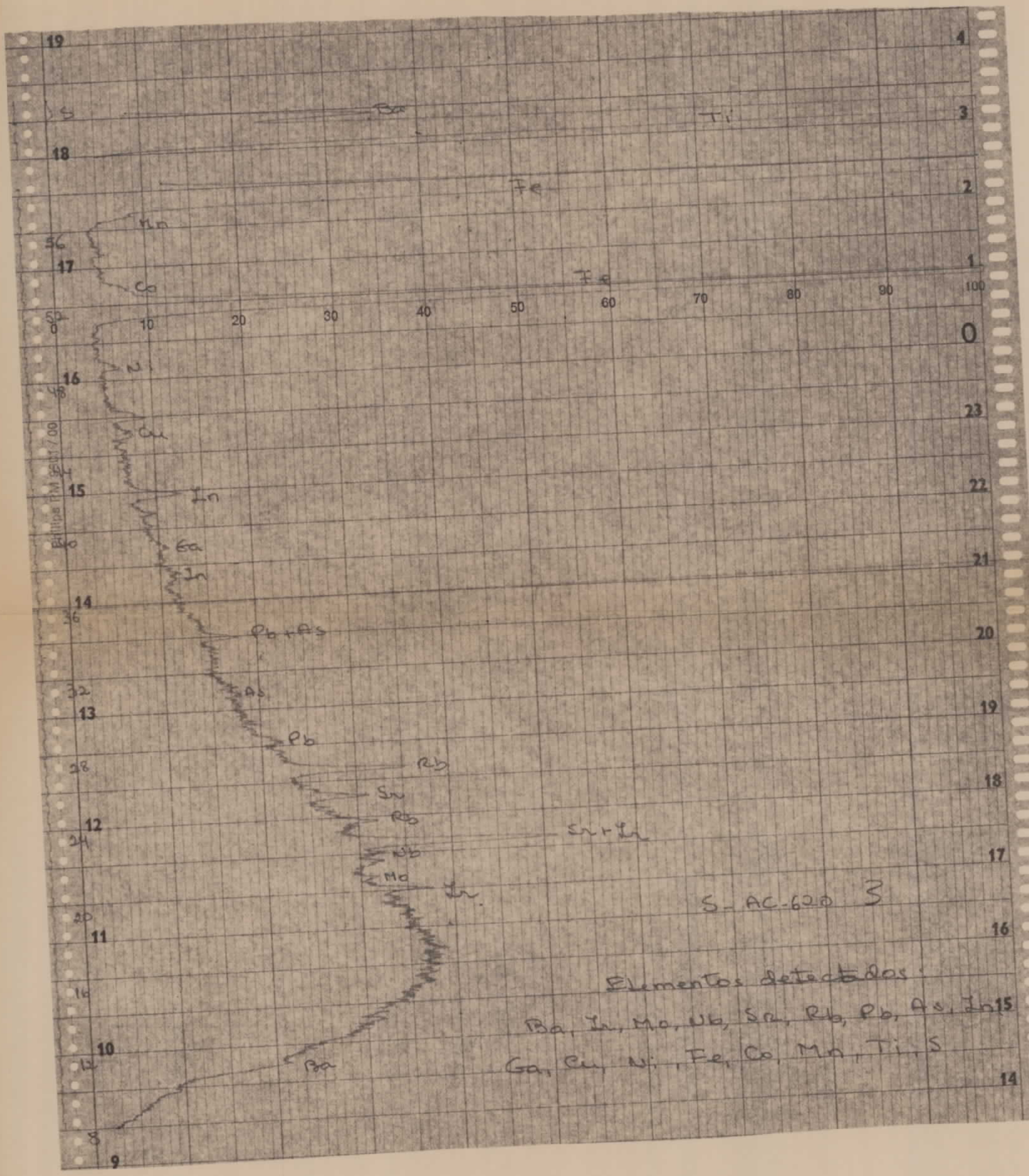

Ba
Ti
CO
Fe
Pb + As
As
Pb
Rb
Sr
Rb
Sr + Zr
Nb
Mo
In
S-AC-615
Elementos detectados:
Ba, In, Mo, Nb, Rb, Sr, Pb, As,
Ga, In, Cu, Ni, Fe, Co, Ti, S

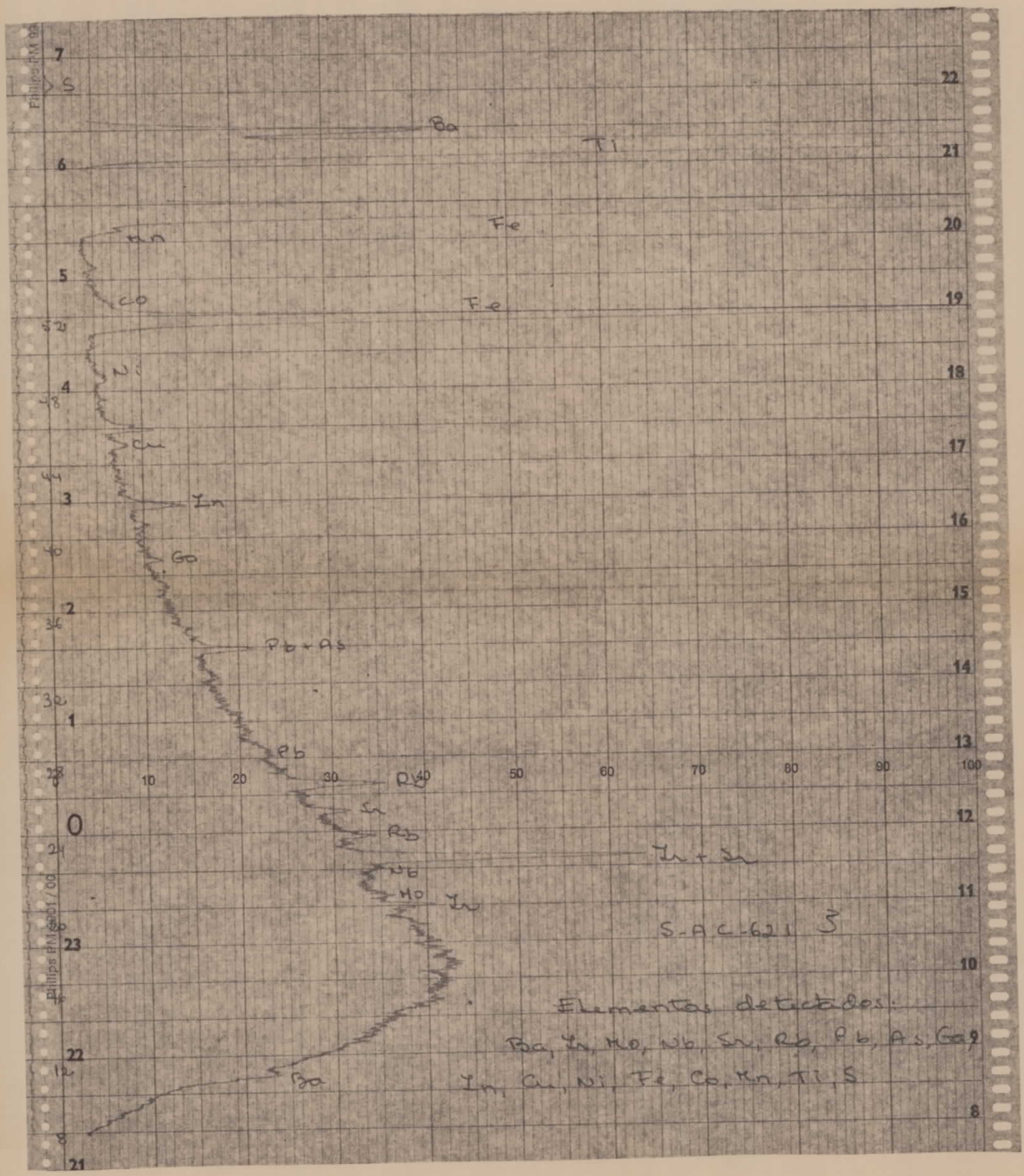

Ba
Fe
Fe
Co
Ti
Ca
Zn
Ga
Pb + As
As
Pb
Pb
Sr
Rb
Sr + Zr
Nb
Y
Ba
S-AC-616
Elementos detectados:
Ba, Y, Nb, Sr, Rb, Pb, As, Ga, Zn,
Co, Ca, Ti, Fe, Co, Ti, S

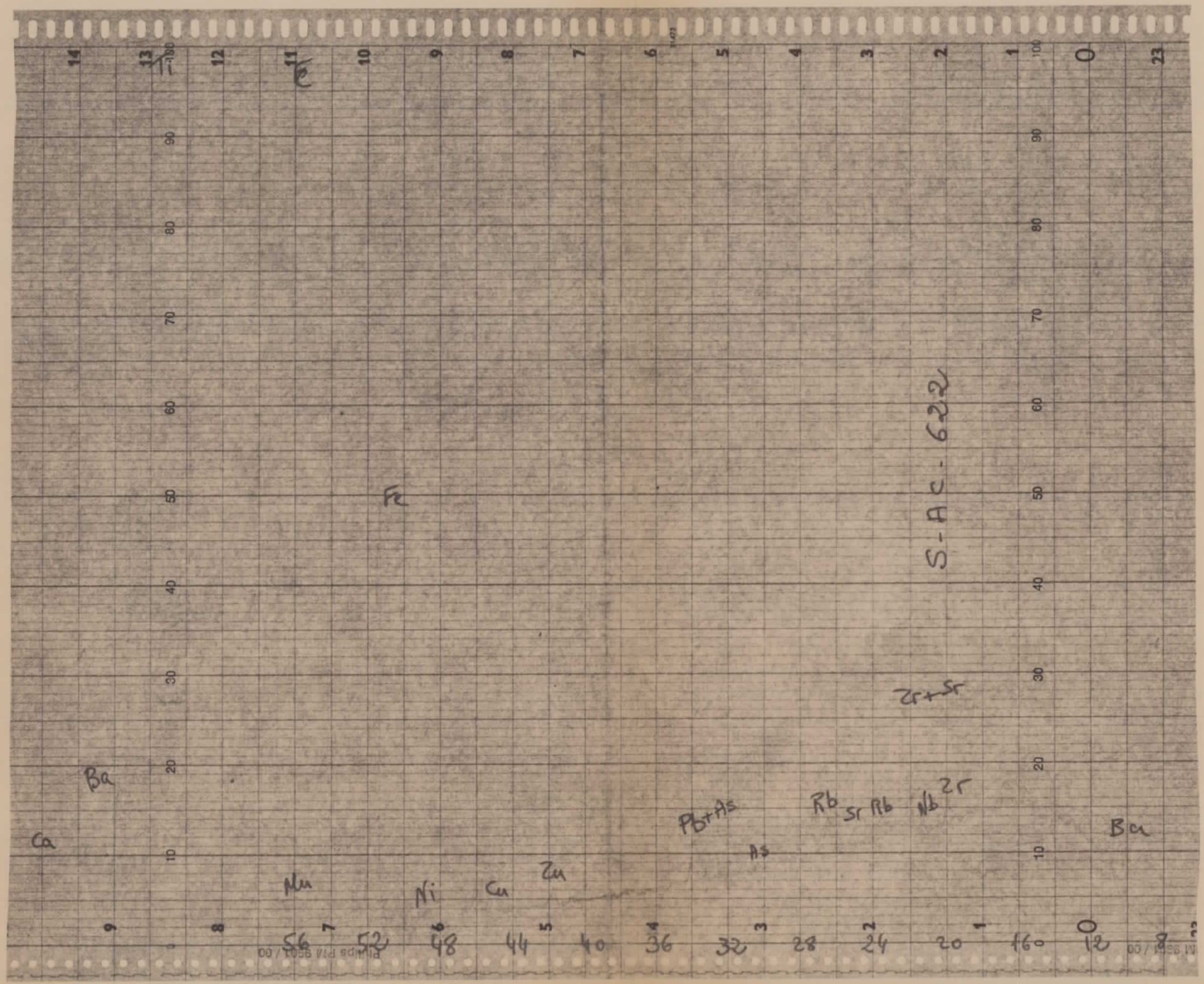

S-AC-617
Ca
Ba
Ni
Cu
Zn
Ga
Pb
Rb Sr
Rb
Zr
Zr+Sr
Ba
Fe
Philips PM 8951 / 00

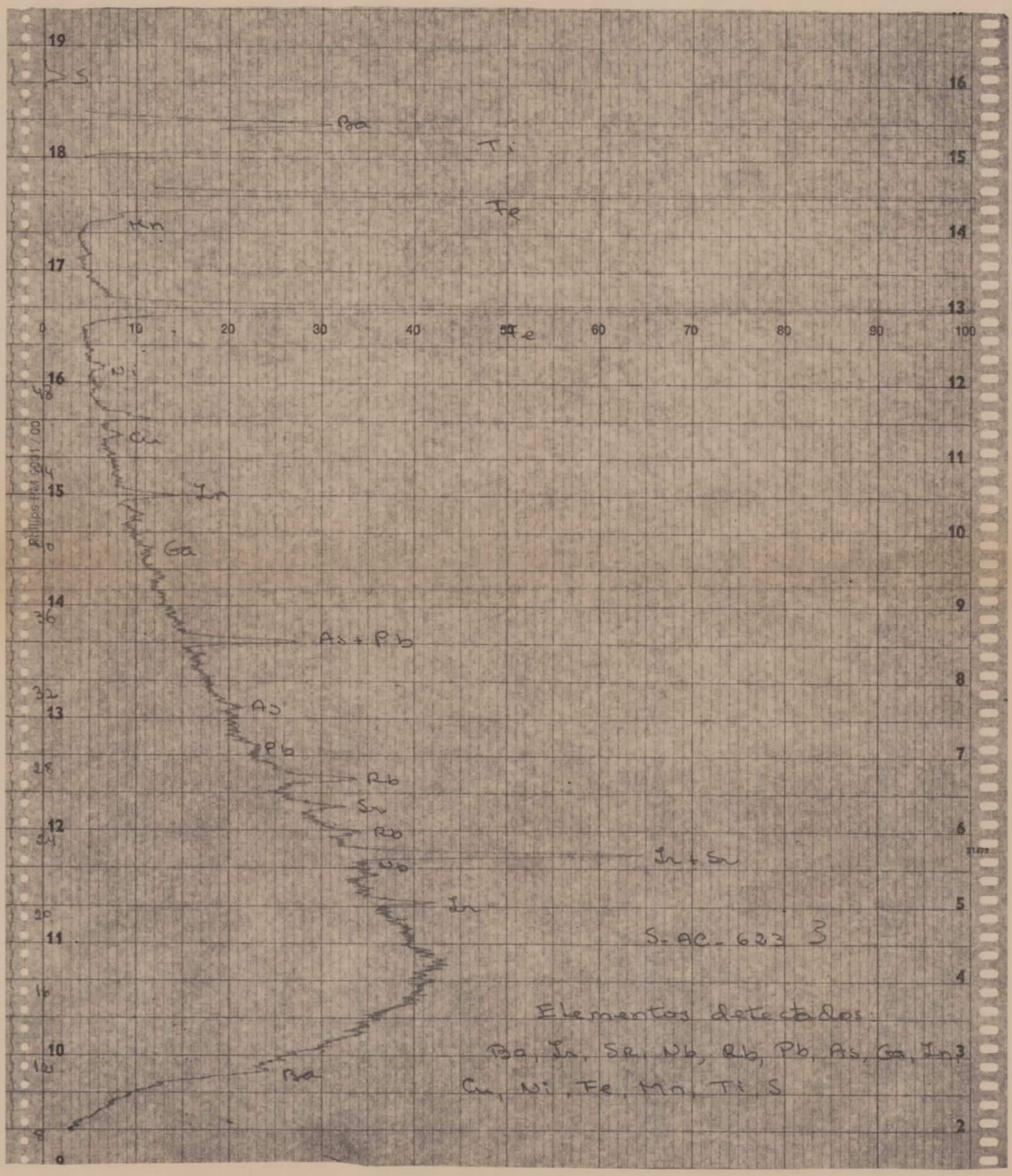

Sr
Ba
Ti
Fe
Fe
Ni
Pb + As
Pb
Pb
Sr
Rb
Nb
Zr + Sn
Zr
Ba
S. AC. 618 B
Elementos detectados
Ba, Zr, Sr, Nb, Rb, Pb, As, Zn,
W, Cu, Ni, Fe, Ti, S

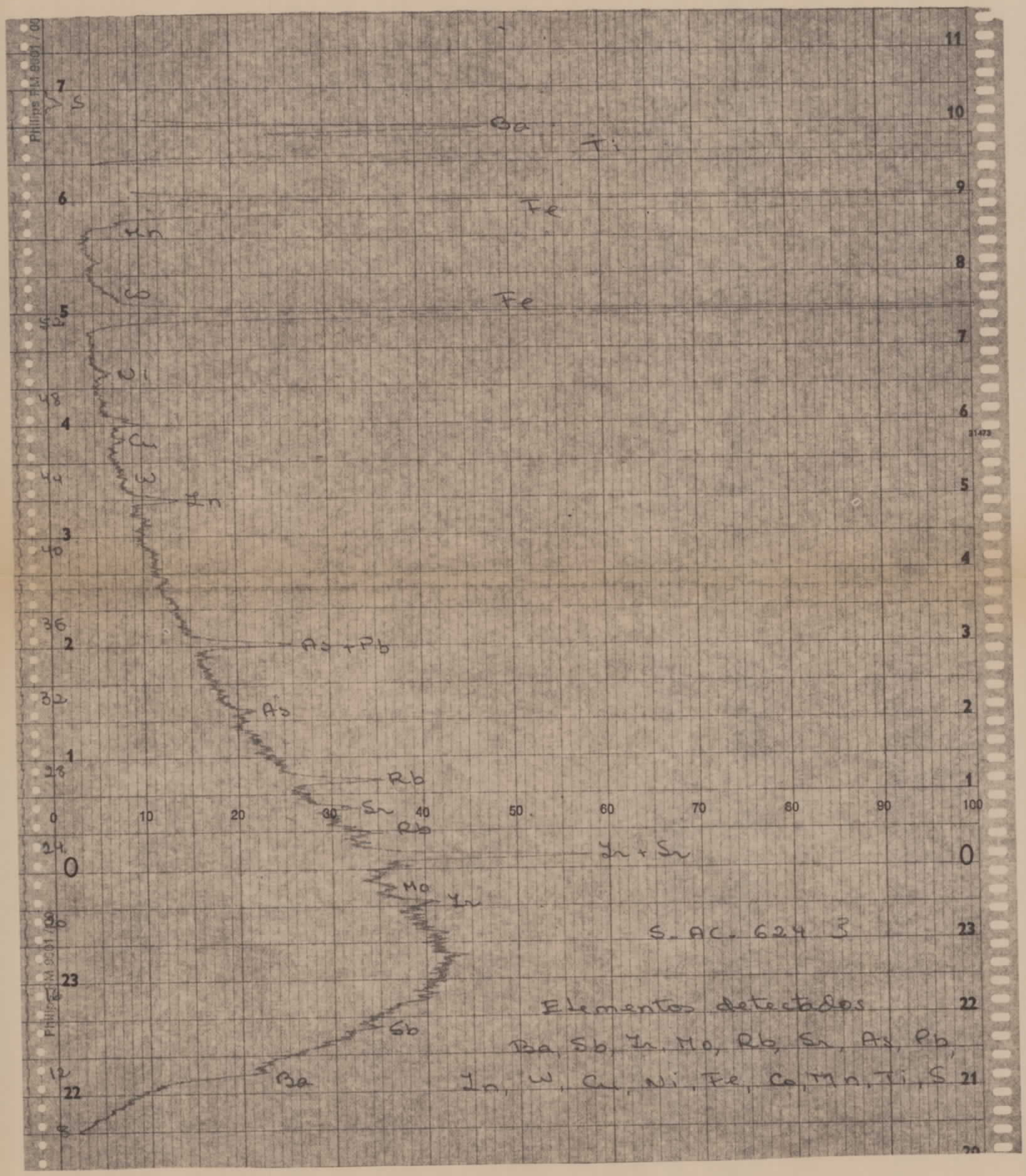

Ba
Ti
Fe
Fe
Sr
Rb
Pb
Rb
Sr
Rb
Nb
In
Ba
Ti + Sr
In
Ga
In
Pb + As
S-AC-619 3
Elementos detectados:
Ba, Ti, Sr, Nb, Rb, Pb, As, In, Ga,
Cu, Ni, Fe, Ti, S


S
Ba
Ti
Fe
Mn
Co
Fe
Cu
In
Ga
In
Pb + As
As
Pb
Rb
Sr
Rb
Sr + Y
Nb
Mo
Y
Ba
S - AC-620 3
Elementos detectados:
Ba, Y, Mo, Nb, Sr, Rb, Pb, As, In
Ga, Cu, Ni, Fe, Co, Mn, Ti, S


S
Ba
Ti
Fe
Fe
Mn
Co
Cu
In
Ga
Pb - As
Pb
Rb
Sr
Nb
Mo
In
Ba
In + Sn
S-AC-621 3
Elementos detectados:
Ba, In, Mo, Nb, Sr, Rb, Pb, As, Ga,
In, Cu, Ni, Fe, Co, Mn, Ti, S


Si-A-C-622
Fe
Ba
Ca
Mn
Ni
Cu
Zn
Pb+As
As
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ba

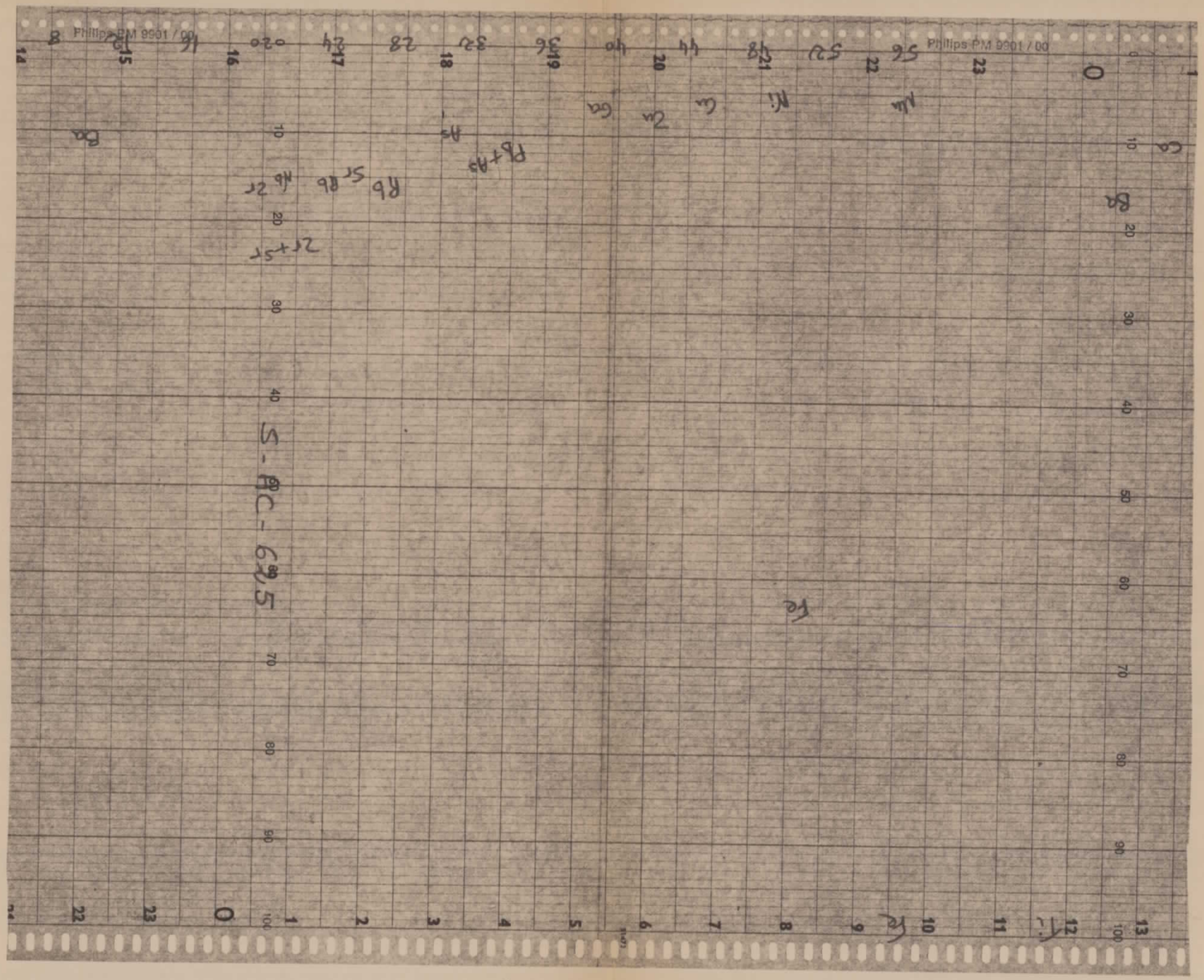

Ba
Ti
Fe
Mn
Cu
In
Ga
As + Pb
As
Pb
Rb
Sr
Zr
Nb
In + Sn
In
Ba
S-AC-623 3
Elementos detectados:
Ba, In, Sr, Nb, Rb, Pb, As, Ga, In,
Cu, Ni, Fe, Mn, Ti, S

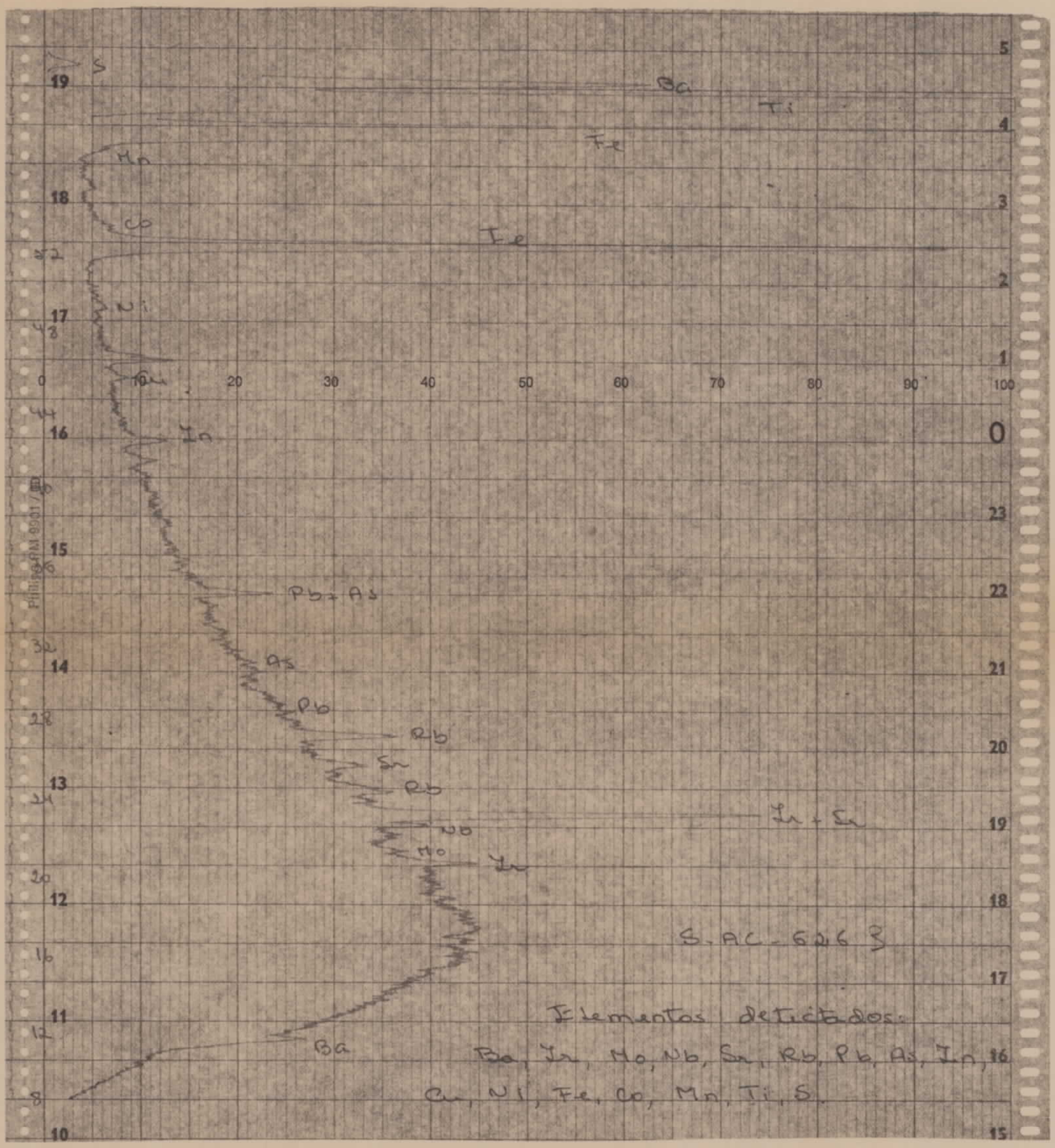


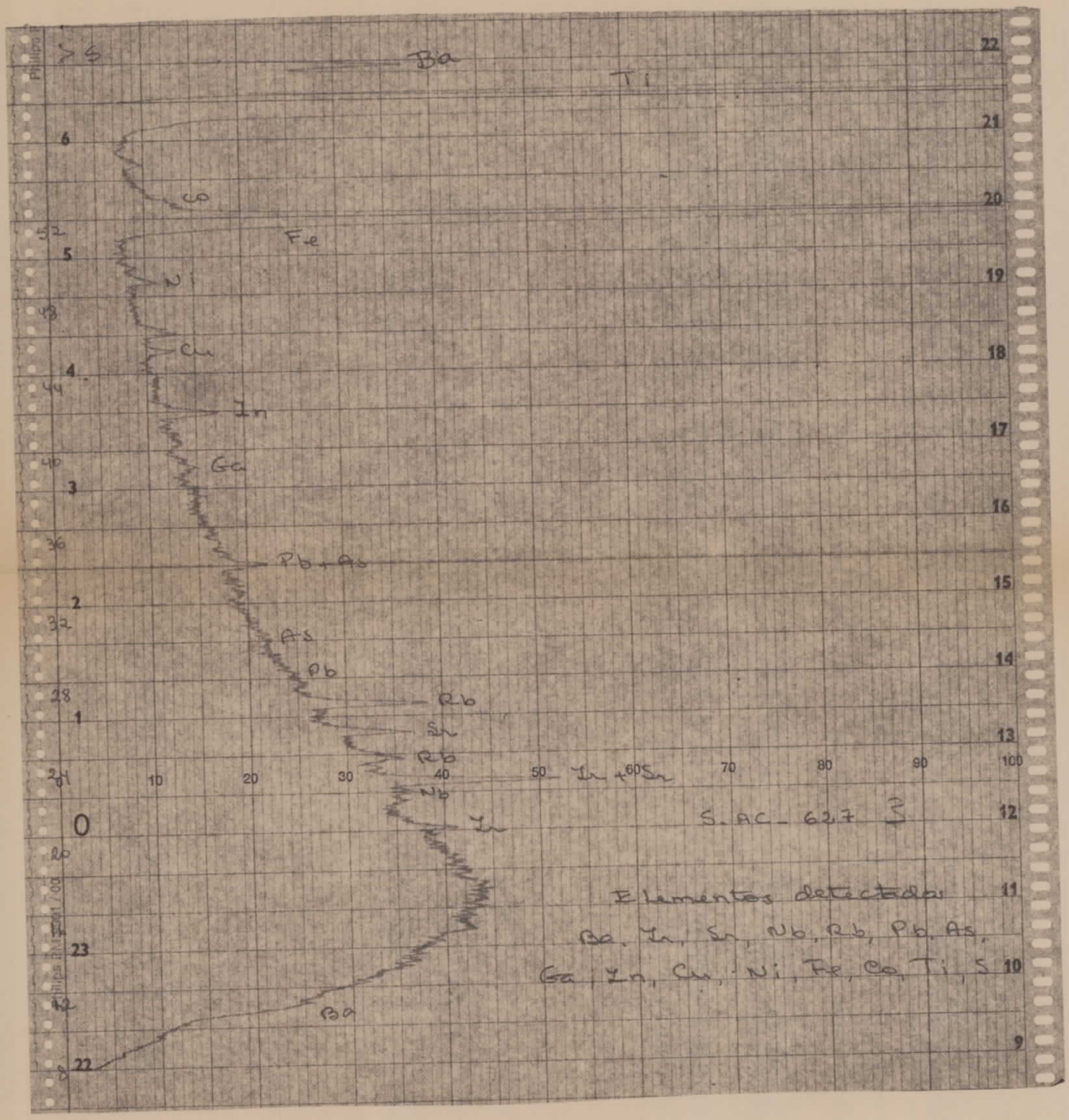
S. AC. 624 3

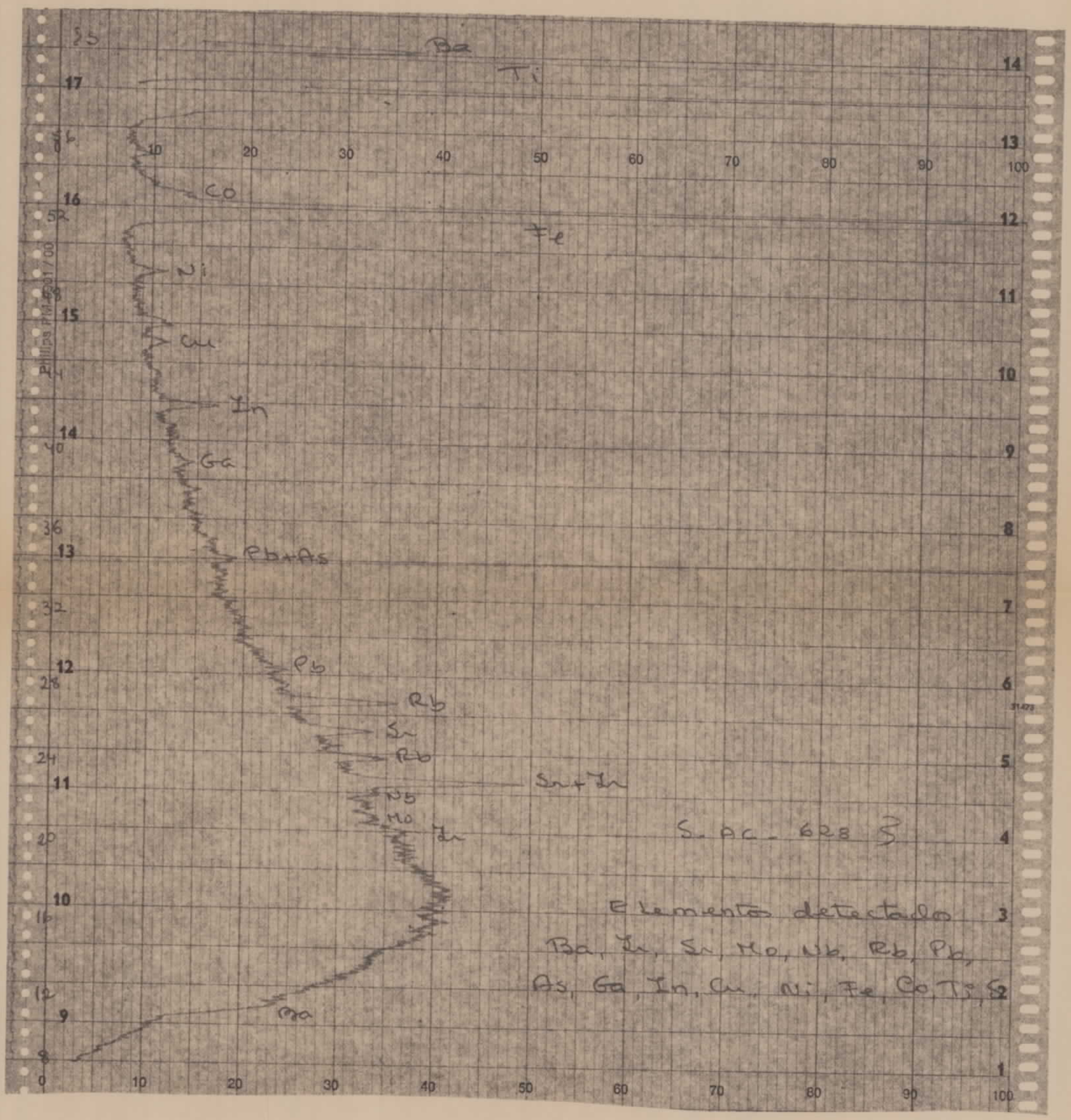
Elementos detectados

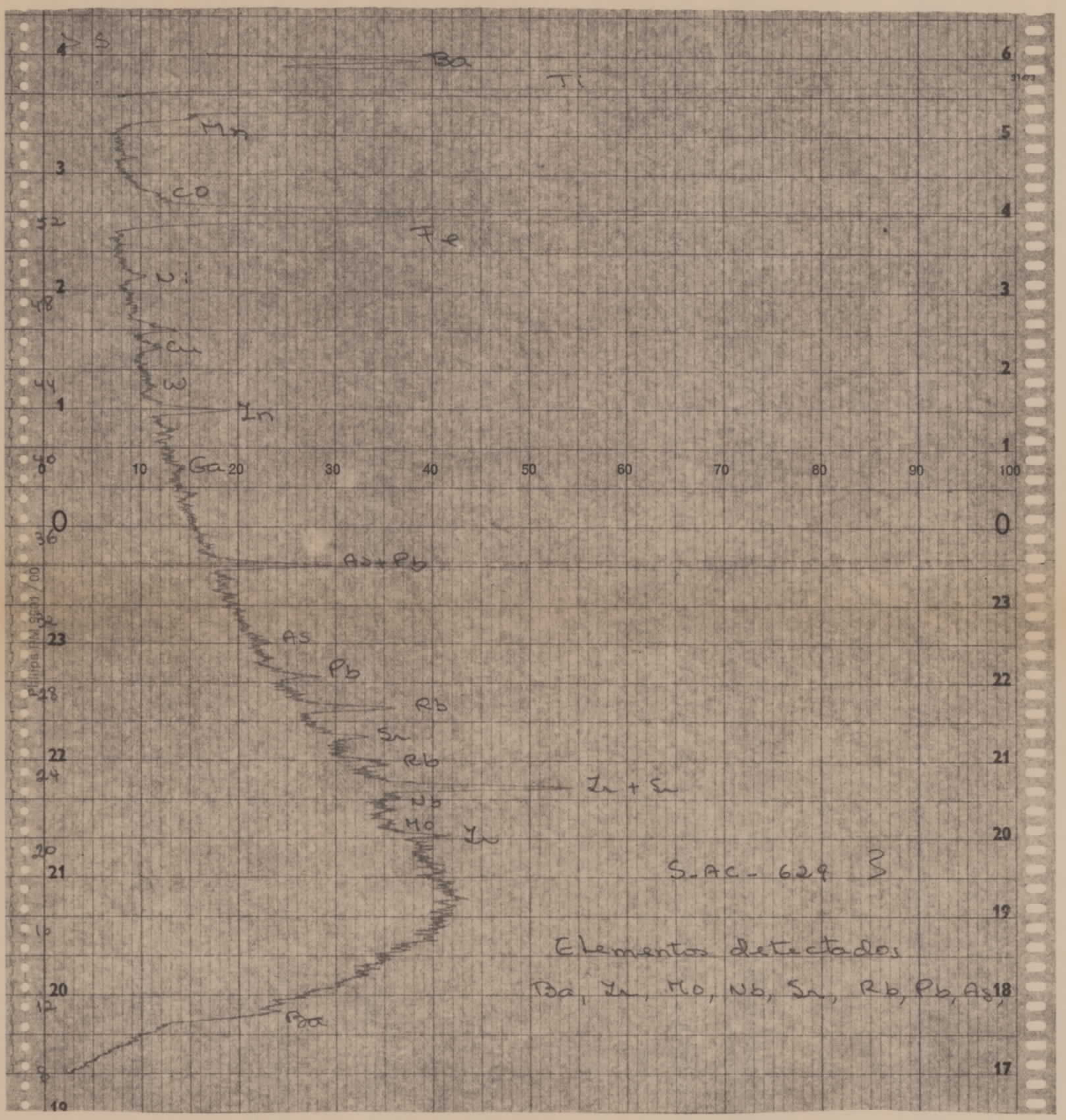
Ba, Sb, Zr, Mo, Rb, Sr, As, Pb,
In, W, Cu, Ni, Fe, Co, Mn, Ti, S

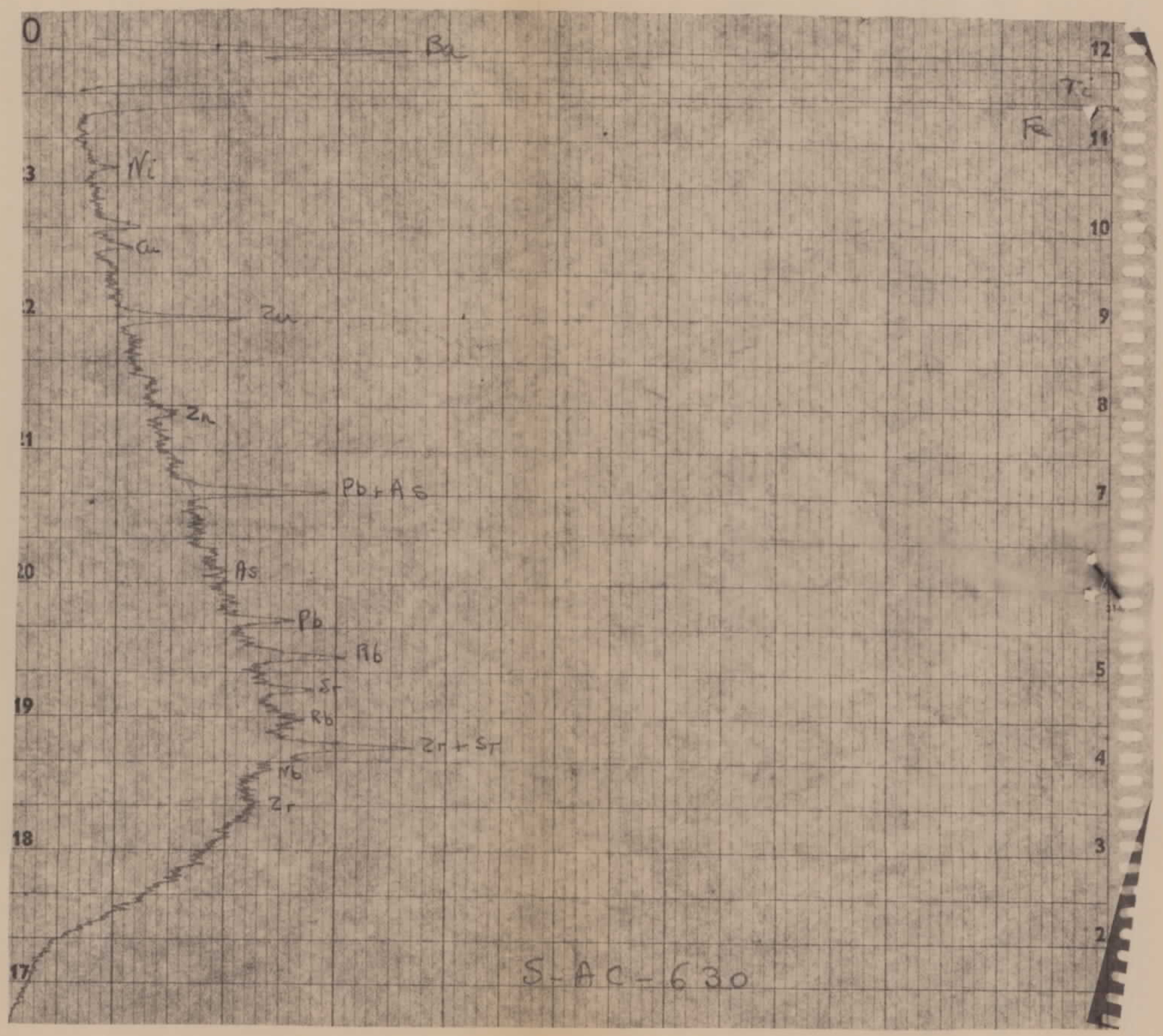

Philips PM 9901 / 00
Philips PM 9901 / 00
Ca
Ba
Mn
Ni
Cu
Zn
Ga
As
Pb+As
Rb
Sr Rb
Nb Sr
Zr+Sr
Fe
S-AC-625

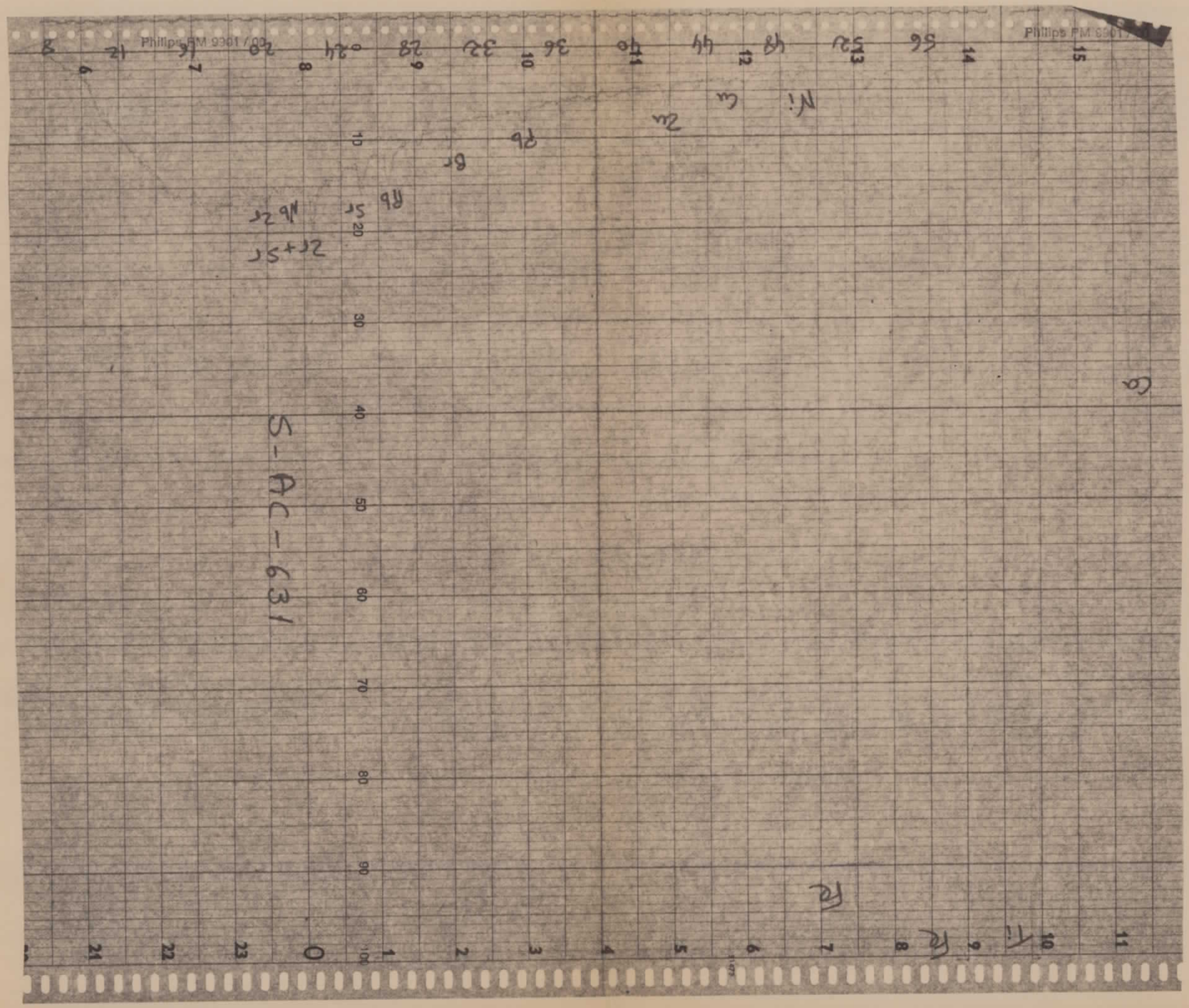

Sc
Ti
Fe
Mo
Co
Ni
Cu
Pb + As
As
Pb
Rb
Sr
Rb
Zr + Sr
Zr
Ba
S. AC - 626 B
Elementos detectados:
Ba, Zr, Mo, Nb, Sr, Rb, Pb, As, In,
Cu, Ni, Fe, Co, Mn, Ti, S.

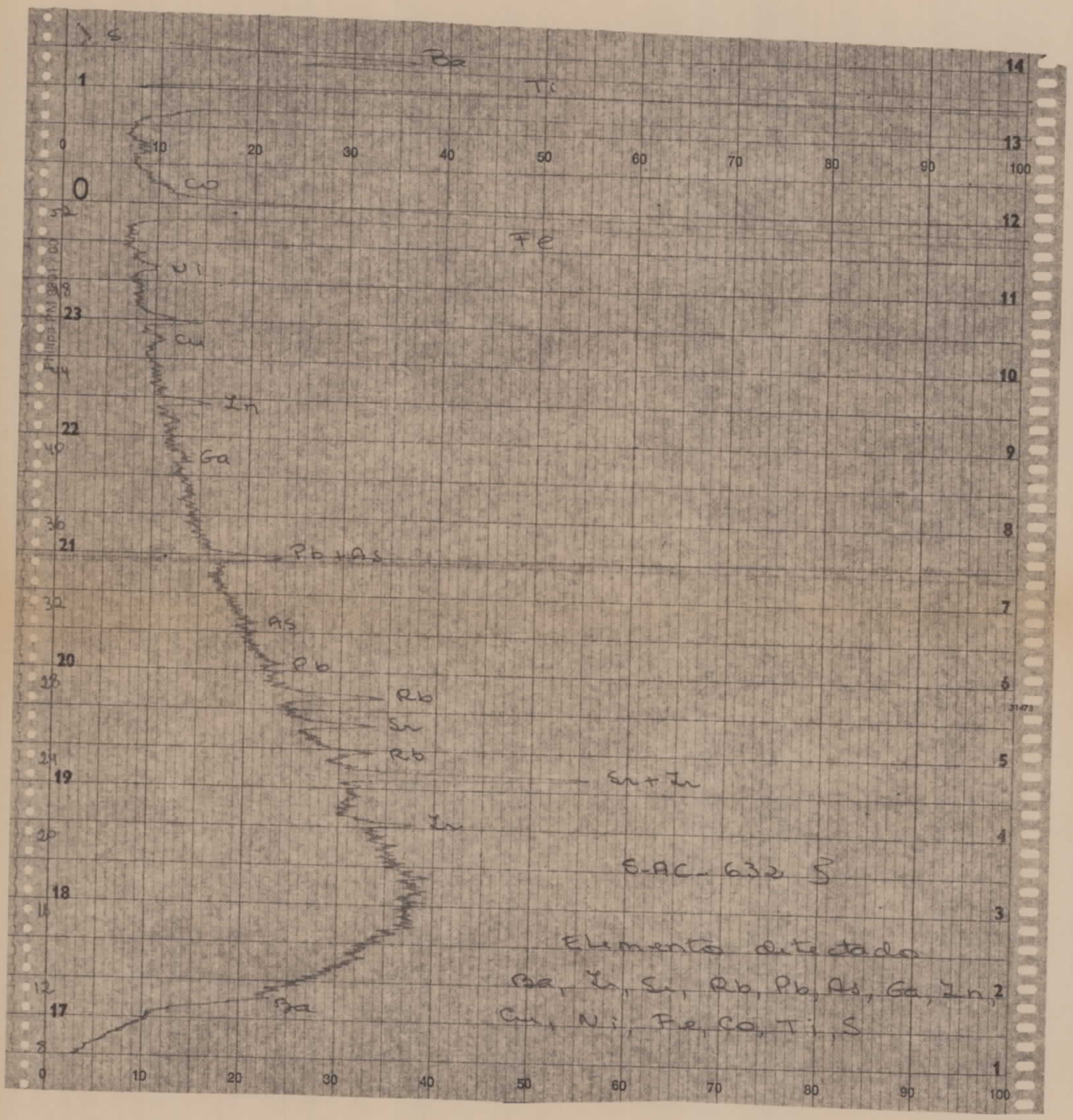

Ba
Ti
Co
Fe
Ni
Cu
Zn
Ga
Pb + As
As
Pb
Rb
Sr
Rb
Nb
Y
Zr + Sr
Ba
S. AC - 627
Elementos detectados
Ba, Y, Sr, Nb, Rb, Pb, As,
Ga, Zn, Cu, Ni, Fe, Co, Ti, S


Ba
Ti
Fe
Co
Ni
Cu
Zn
Ga
Pb+As
Pb
Rb
Sr
Zr
Nb
Mo
Sn+Zr
S-AC-628 S
Elementos detectados
Ba, Ti, Sr, Mo, Nb, Rb, Pb,
As, Ga, In, Cu, Ni, Fe, Co, Ti, Sr


Ba
Ti
Fe
Mn
Cu
In
Ga
As + Pb
As
Pb
Rb
Sr
Rb
Zr + Sr
Nb
Mo
Zr
Ba
S-AC-629
Elementos detectados:
Ba, Zr, Mo, Nb, Sr, Rb, Pb, As


Ba
Ni
Cu
Zn
Pb + As
As
Pb
Rb
Sr
Rb
Zr + Sr
Nb
Zr
Ti
Fe
S-AC-630


Philips PM 9901 / 00
Ni
Cu
Zn
Pb
Br
Rb Sr
Nb Zr
Zr+Sr
S-AC-631
Ca
Fe
Ti
Fe
Fe


Ba
Ti
Fe
Co
Ni
Cu
Zn
Ga
As
Pb
Rb
Sr
Y
Zr
Nb
Mo
Ag
Cd
In
Sn
Sb
Te
I
Cs
Ba
Ce
Pr
Nd
Sm
Eu
Gd
Tb
Dy
Ho
Er
Tm
Yb
Lu
Hf
Ta
W
Re
Os
Ir
Pt
Au
Hg
Tl
Pb
Bi
Th
U
Pb + As
Rb
Sr
Rb
Sr + Zr
Zr
Ba
S-AC-632 5
Elemento detectado
Ba, Ti, Sr, Rb, Pb, As, Ga, Zn,
Cu, Ni, Fe, Co, Ti, S
Phillips PW 9801/00
0
10
20
30
40
50
60
70
80
90
100

Co

Ti

Fe

Fe

Ni

Cu

In

Ga

Pb

Pb

Rb

Sr

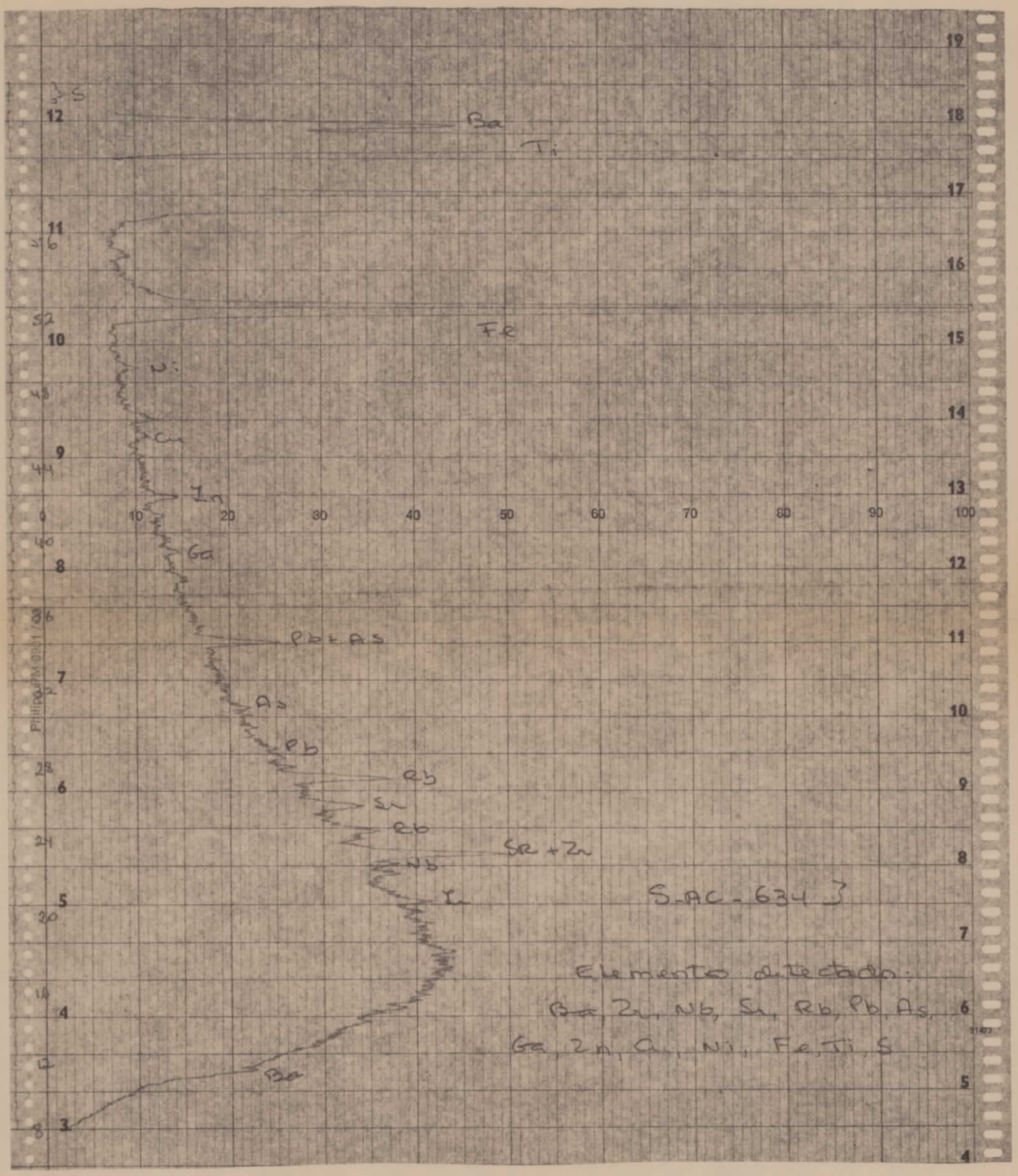
Rb

In + Sr

In

Ba

[redacted]

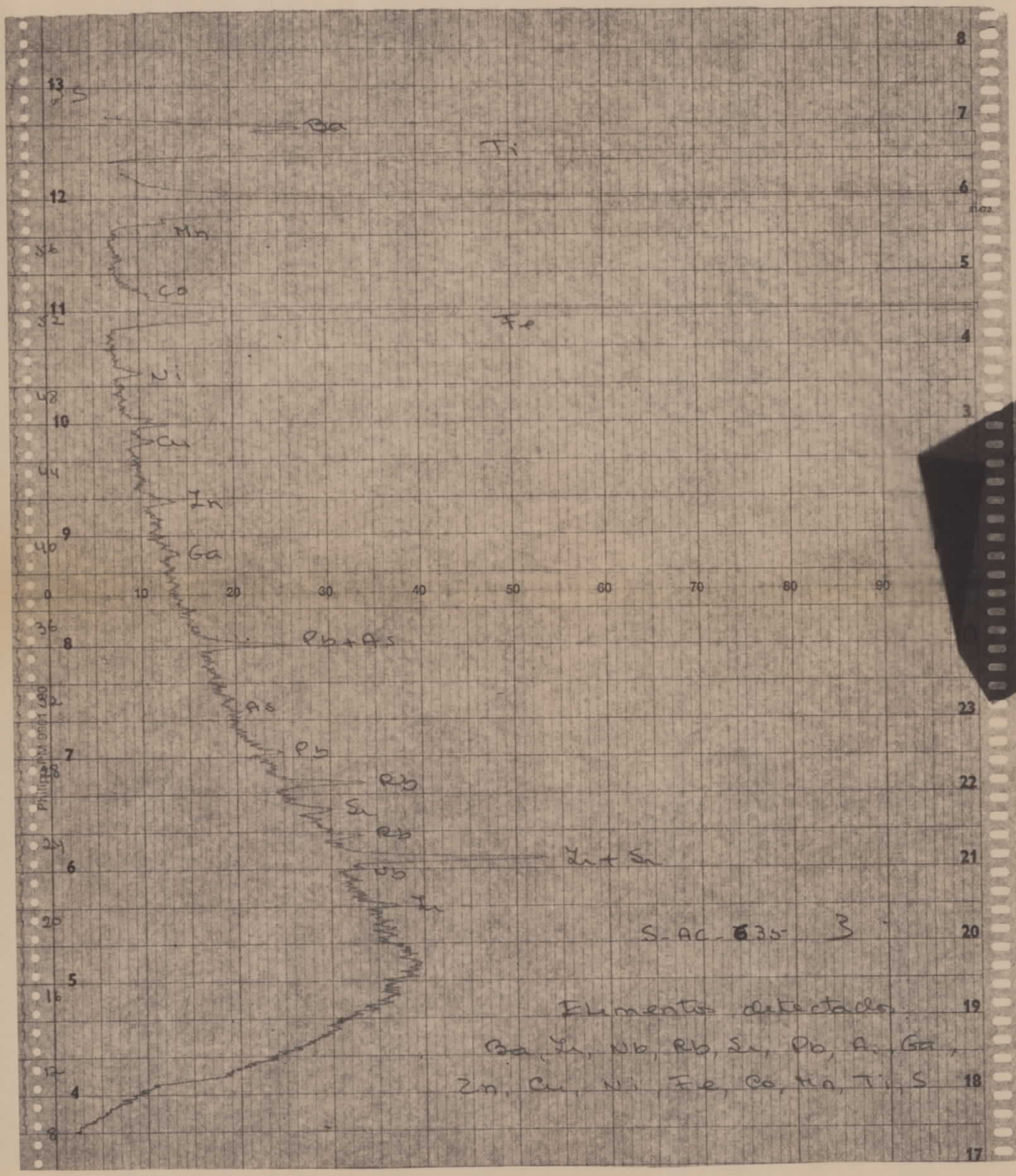


S-AC-634 }

Elementos detectados:

Ba, Zr, Nb, Sr, Rb, Pb, As,

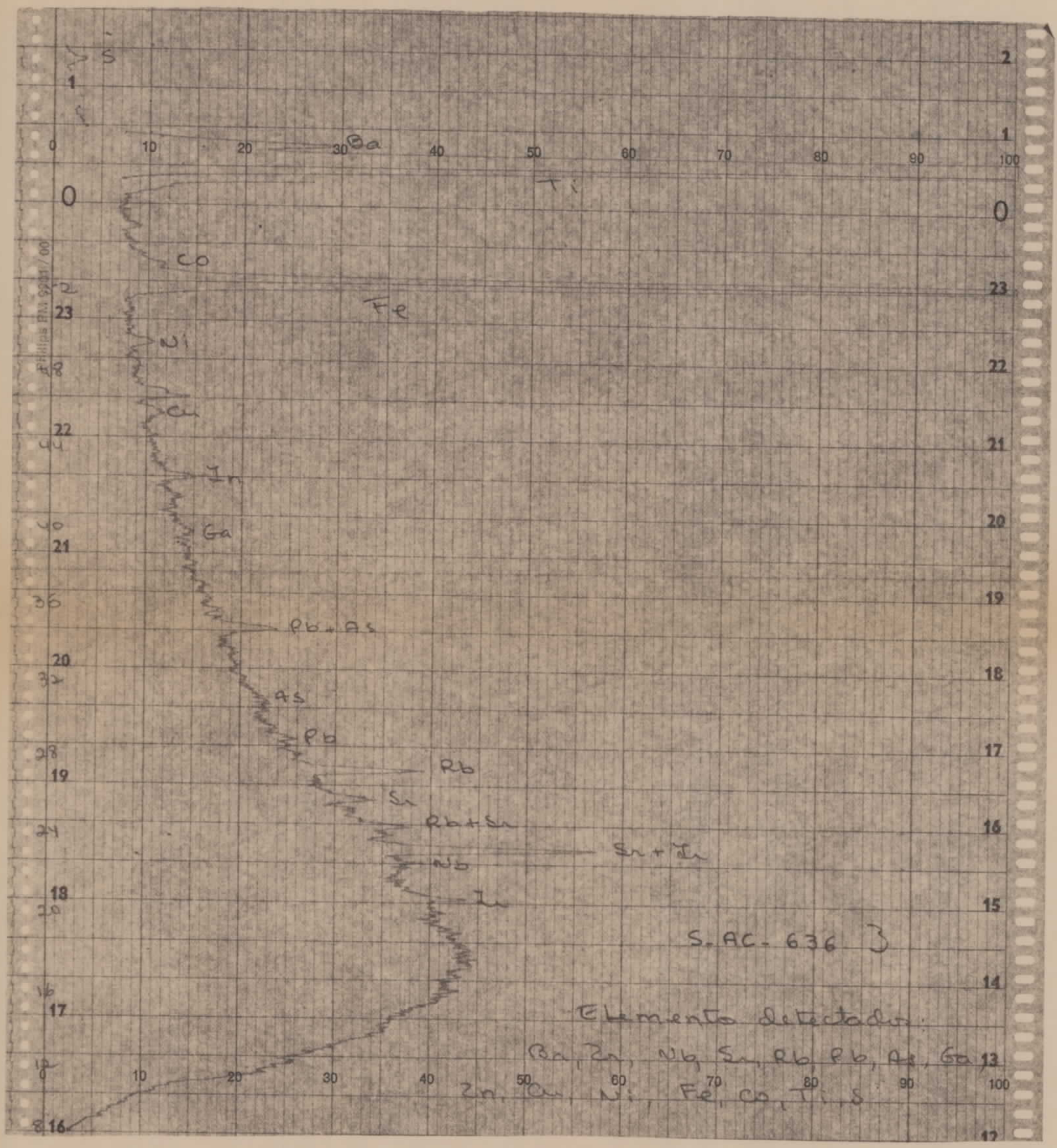
Ga, Zn, Cu, Ni, Fe, Ti, S



S-AC-635 3

Elementos detectados

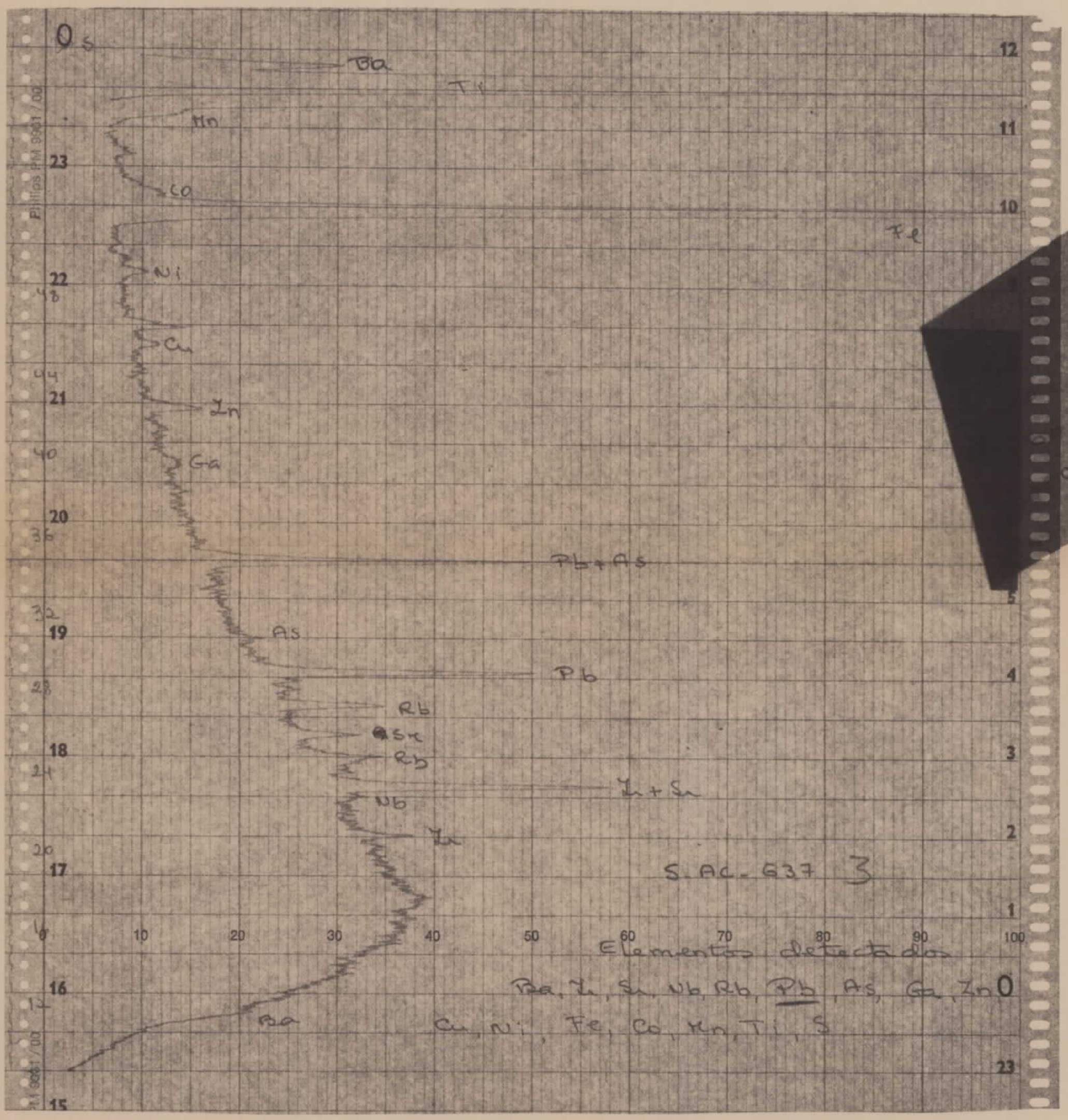
Ba, Zr, Nb, Rb, Sr, Pb, As, Ga,
Zn, Cu, Ni, Fe, Co, Mn, Ti, S

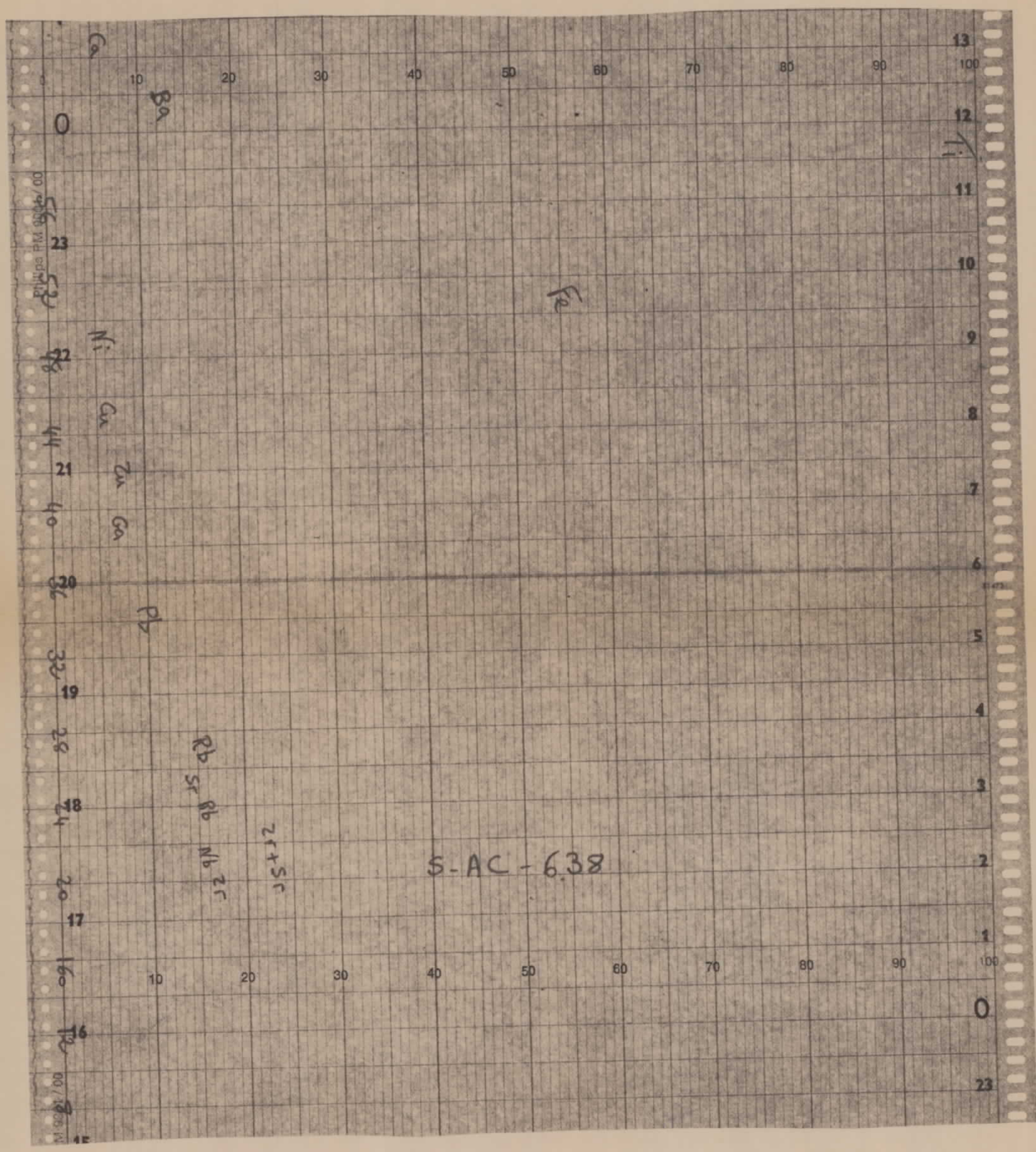


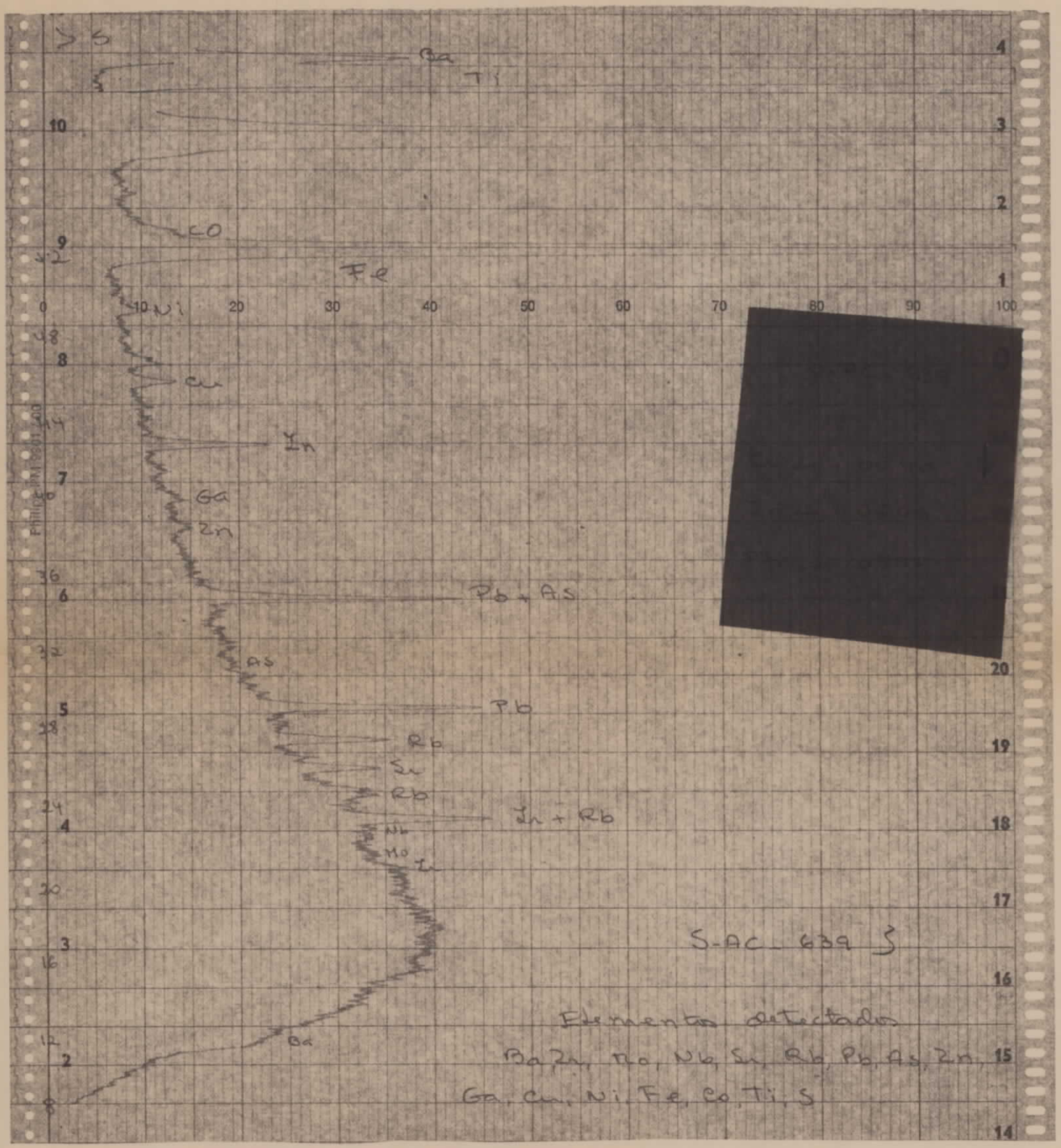
S. AC - 636 3

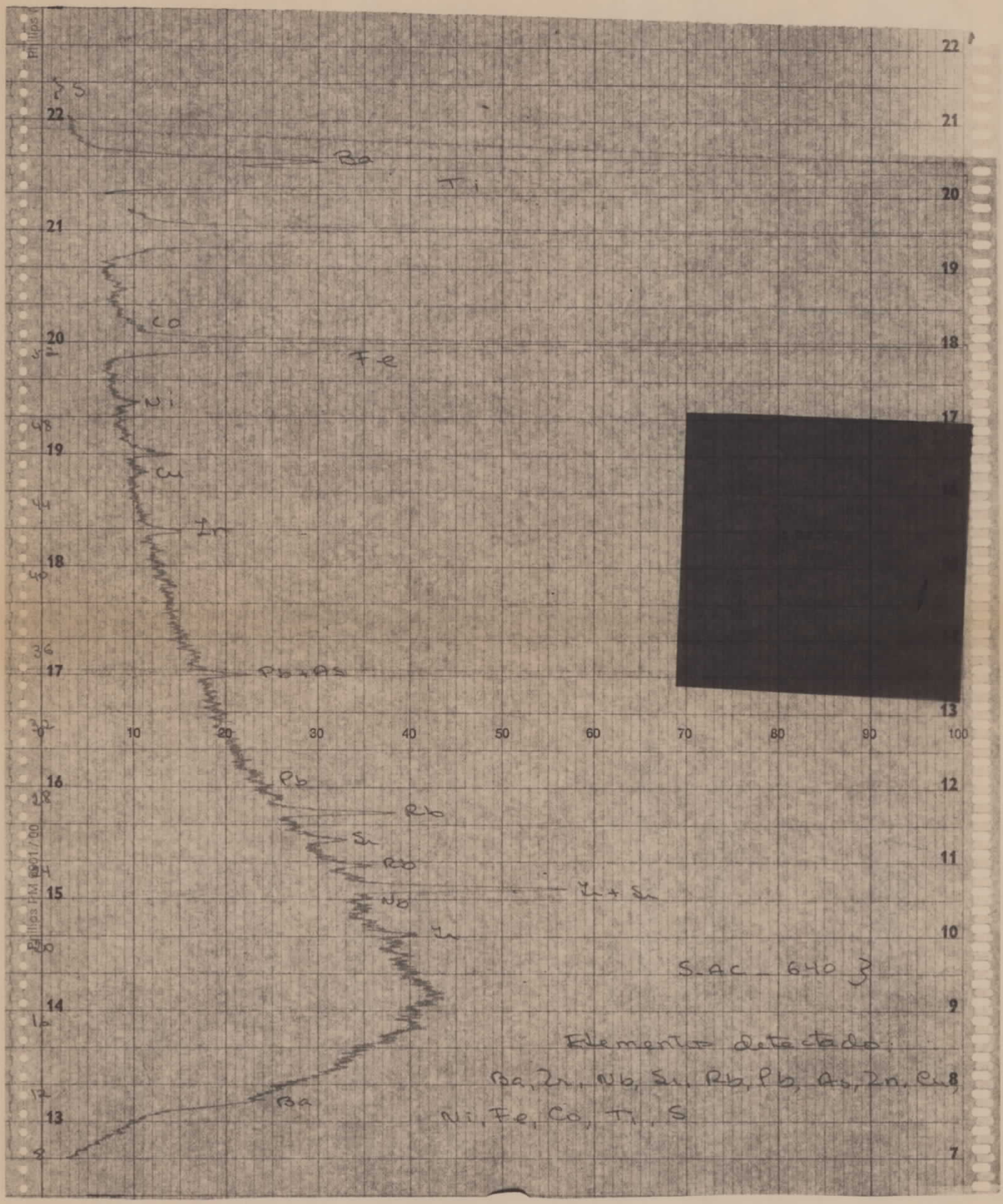
Elementos detectados:

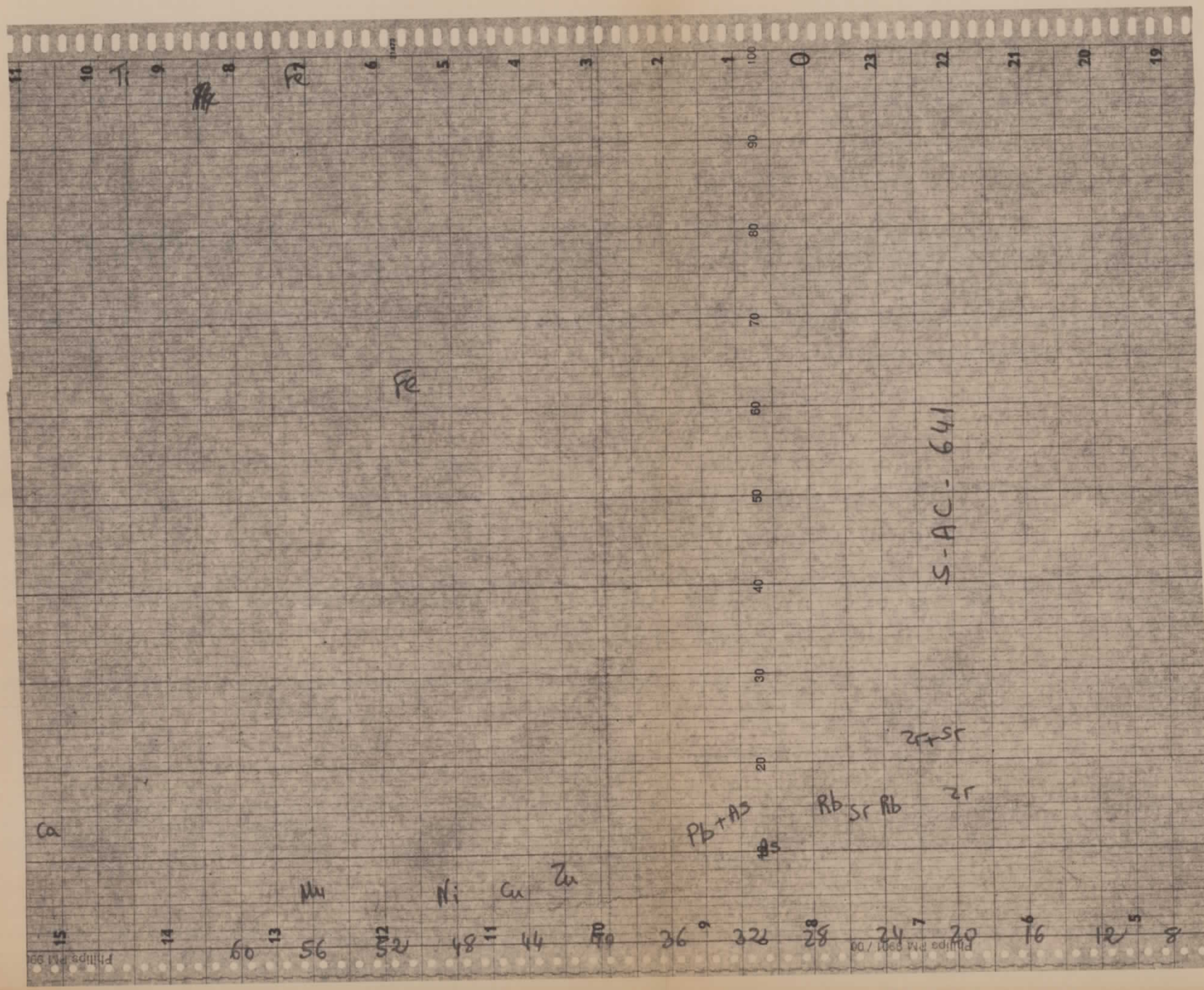
Ba, Zn, Nb, Sr, Rb, Pb, As, Ga, Zn, Cu, Ni, Fe, Co, Ti, S

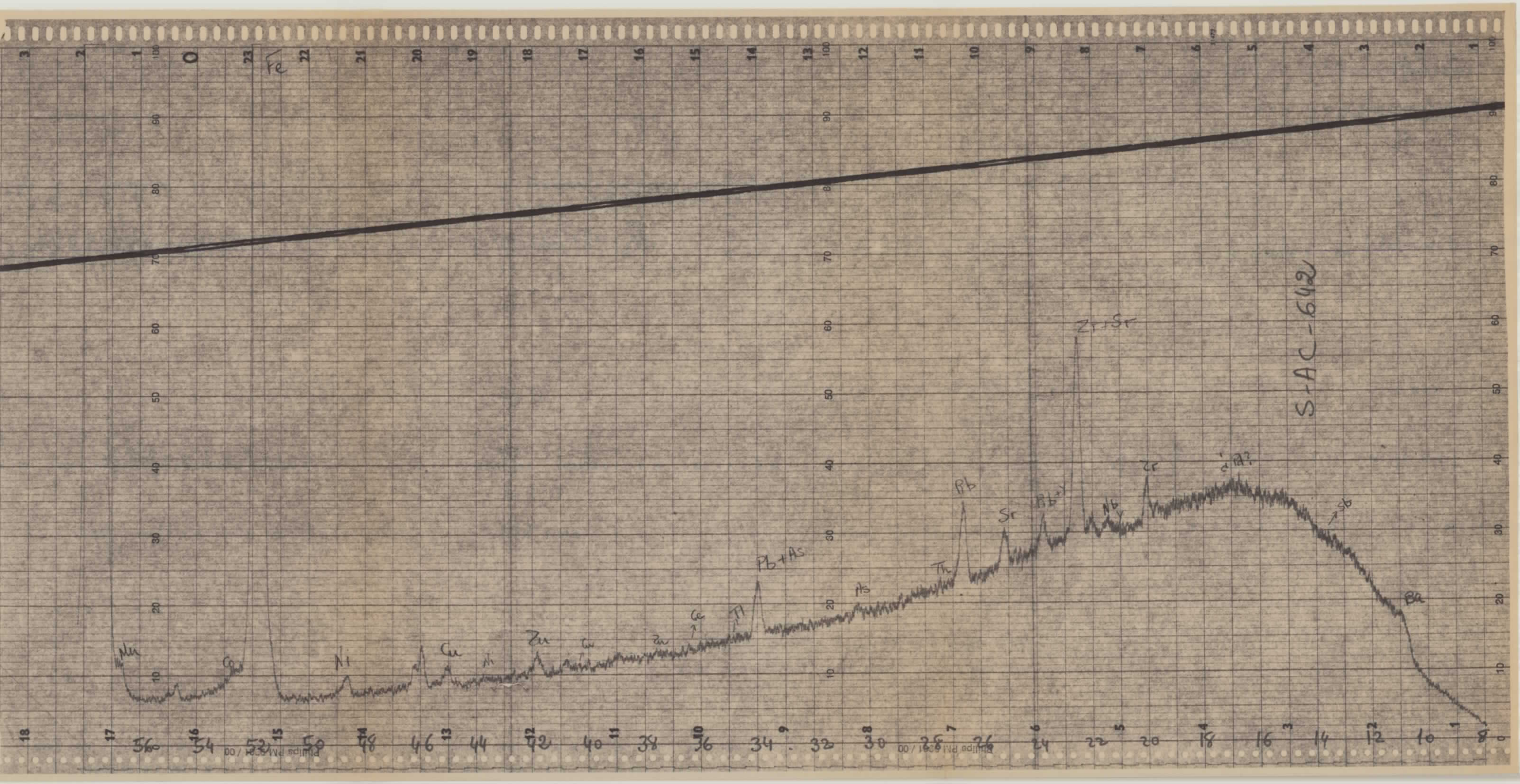

Os
Ba
Ti
Mn
Co
Ni
Cu
In
Ga
Pb + As
As
Pb
Rb
Sr
Rb
Y + Sr
Nb
Zr
Ba
Fe
S. AC - 637 3
Elementos detectados
Ba, Ti, Sr, Nb, Rb, Pb, As, Ga, Zn
Cu, Ni, Fe, Co, Mn, Ti, S
0
10
20
30
40
50
60
70
80
90
100

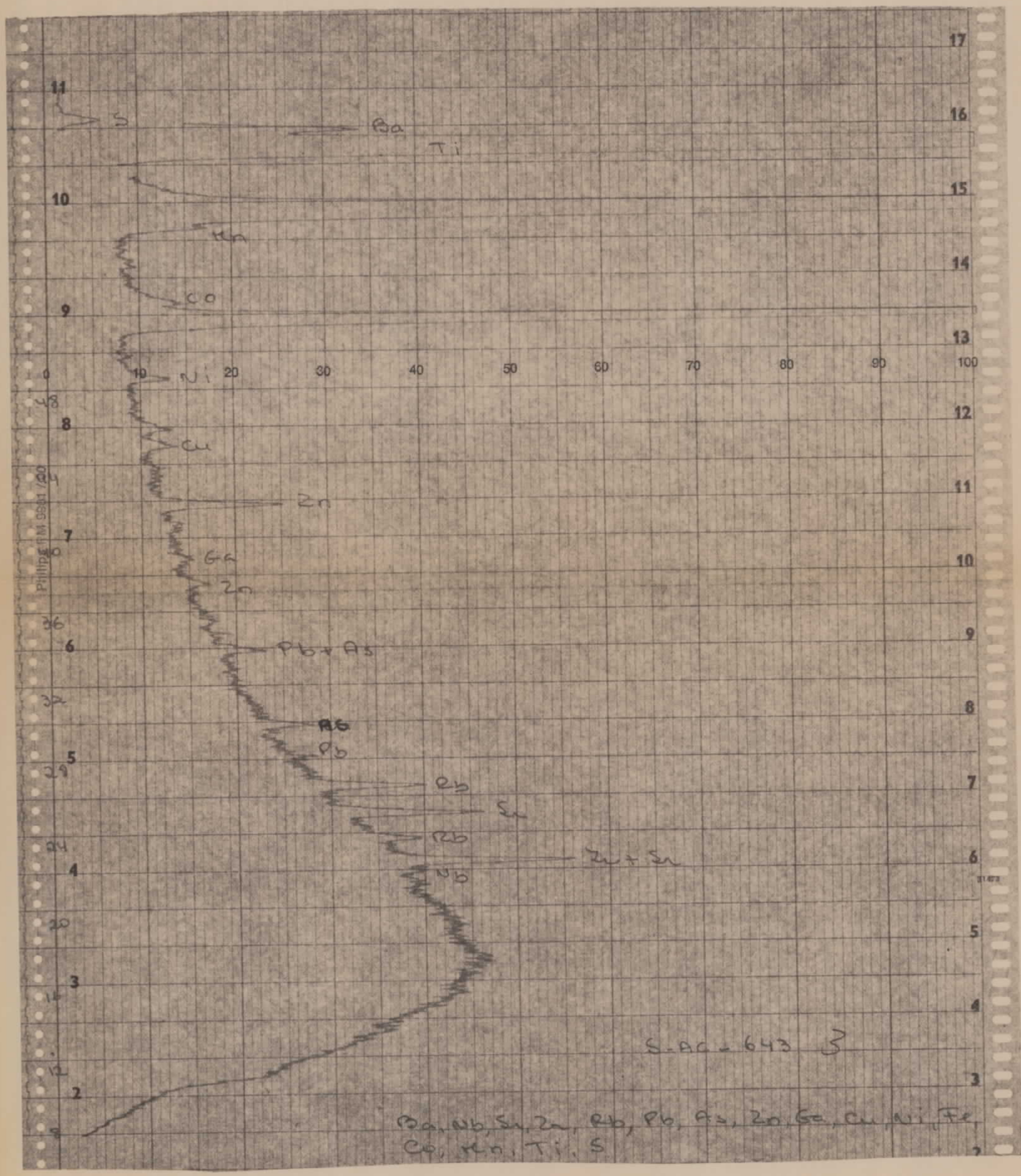

S-AC-638
Ca
Ba
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Fe
Ti
0
10
20
30
40
50
60
70
80
90
100
13
12
11
10
9
8
7
6
5
4
3
2
1
0
23
22
21
20
19
18
17
16
15

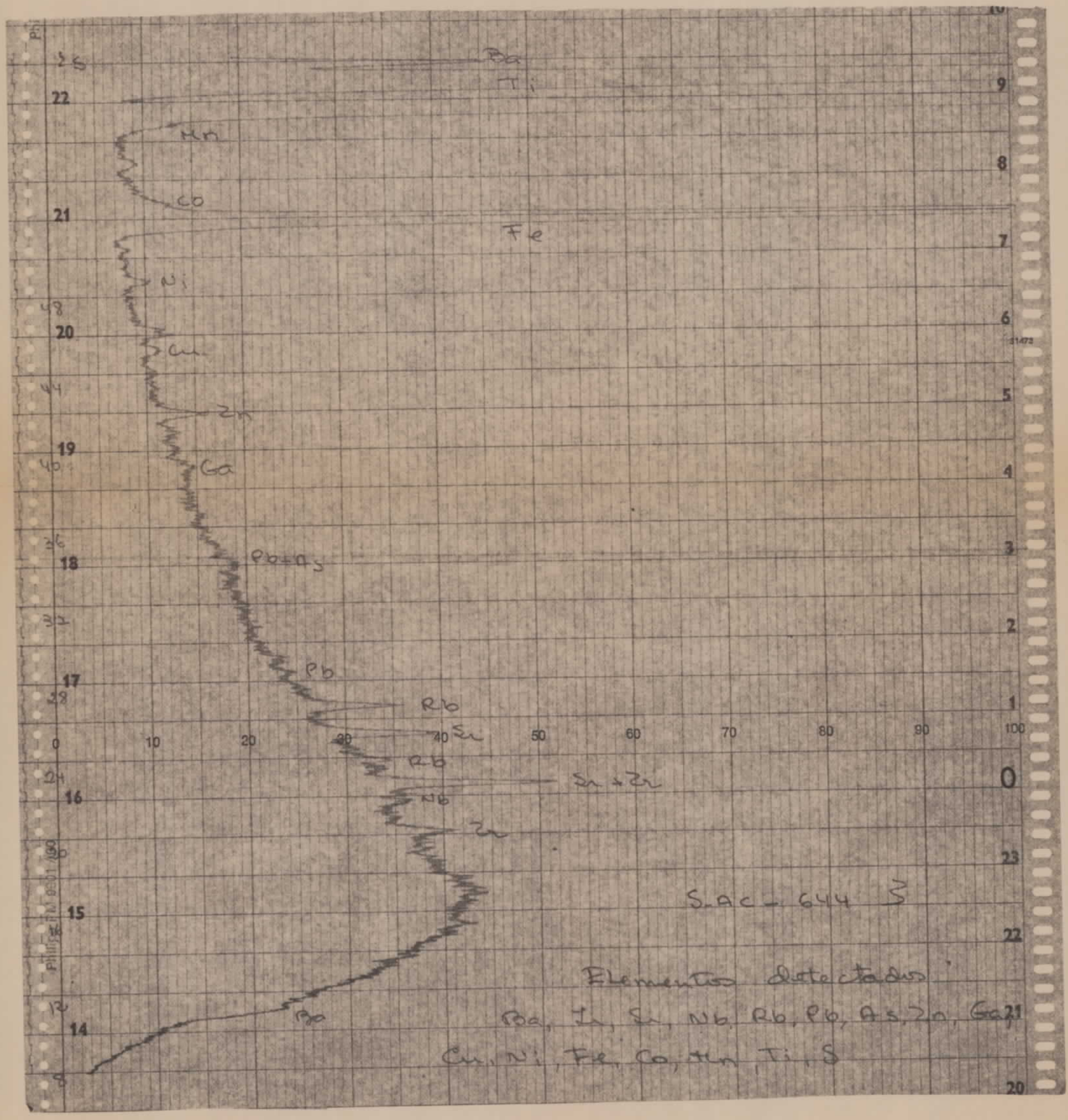

Ba
Ti
Co
Fe
Cu
In
Ga
Zn
Pb + As
As
Pb
Rb
Sr
Rb
In + Rb
Nb
Mo
Y
Ba
0
10
20
30
40
50
60
70
80
90
100
S-AC_639 S
Elementos detectados
Ba, Zr, Mo, Nb, Sr, Rb, Pb, As, Zn
Ga, Cu, Ni, Fe, Co, Ti, S


Ba
Ti
Co
Fe
Pb + As
Pb
Rb
Sr
Zr
Nb
Zr + Sr
Ba
S.AC 640 3
Elementos detectados:
Ba, Zr, Nb, Sr, Rb, Pb, As, Zn, Cu
Ni, Fe, Co, Ti, S


Ti
Fe
Fe
Y-AC-641
Zr+Sr
Pb+As
Rb
Sr
Rb
Zr
Ca
Mn
Ni
Cu
Zn


S-AC-642
Fe
Mn
Co
Ni
Cu
Zn
Ga
As
Pb
Sr
Zr
Nb
Ba


S
Ba
Ti
Mn
Co
Ni
Cu
Zn
Ga
Pb + As
As
Pb
Rb
Sr
Zr + Sr
Nb
S-AC-643
Ba, Nb, Sn, Zr, Rb, Pb, As, Zn, Ga, Cu, Ni, Fe, Co, Mn, Ti, S

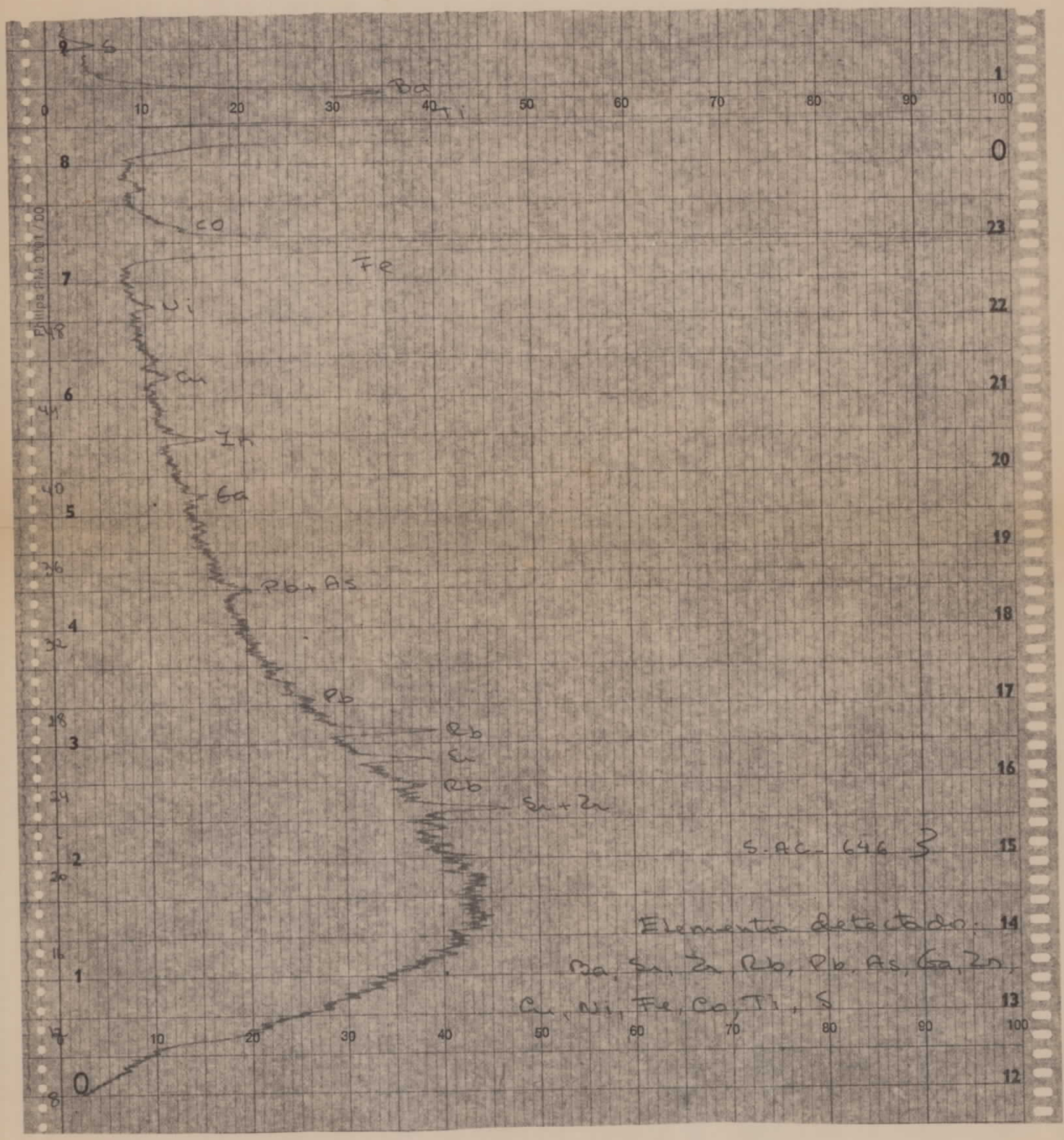


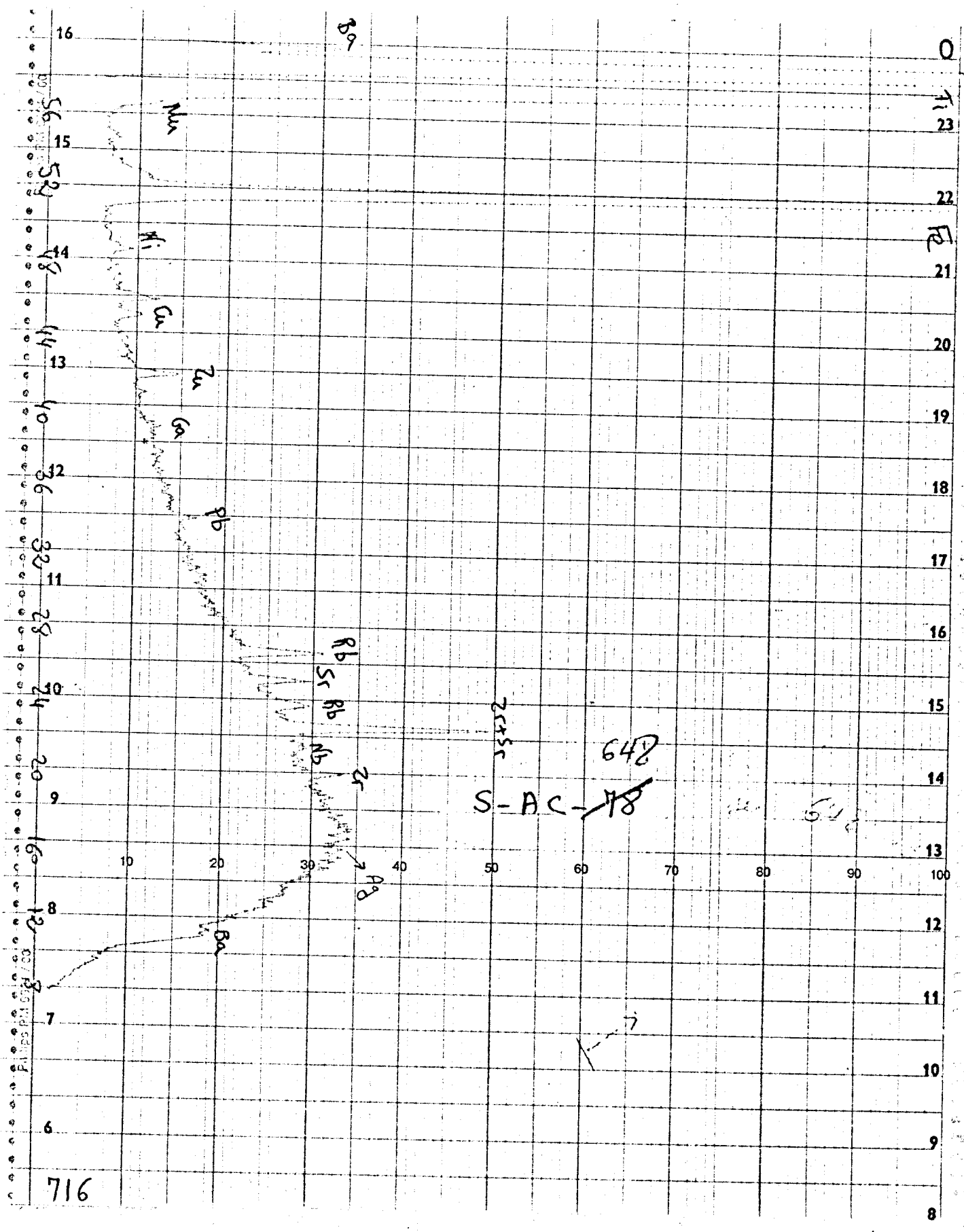
S-AC-644

Elementos detectados

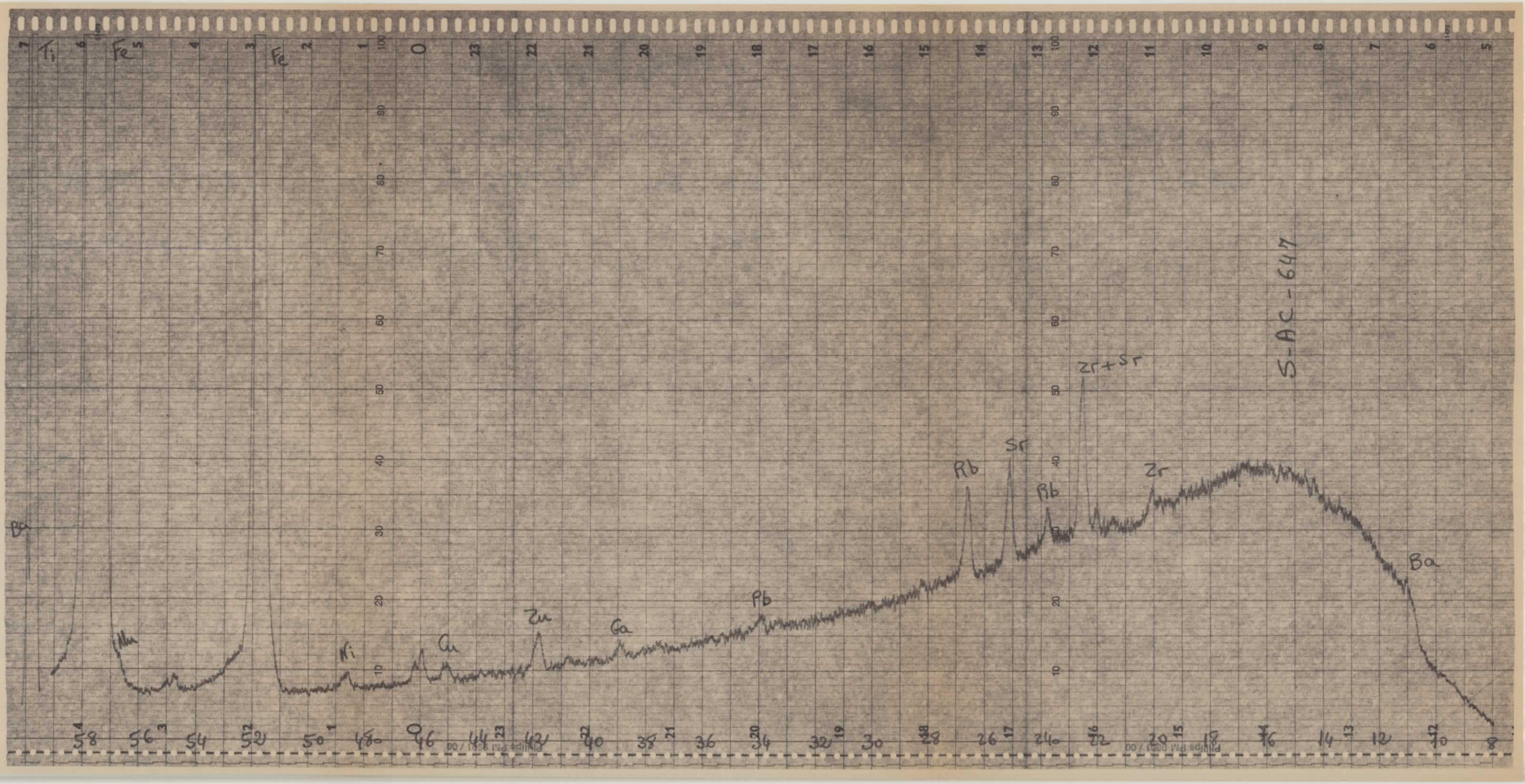
Ba, Ti, Sr, Nb, Rb, Pb, As, Zn, Ga,
Cu, Ni, Fe, Co, Mn, Ti, S

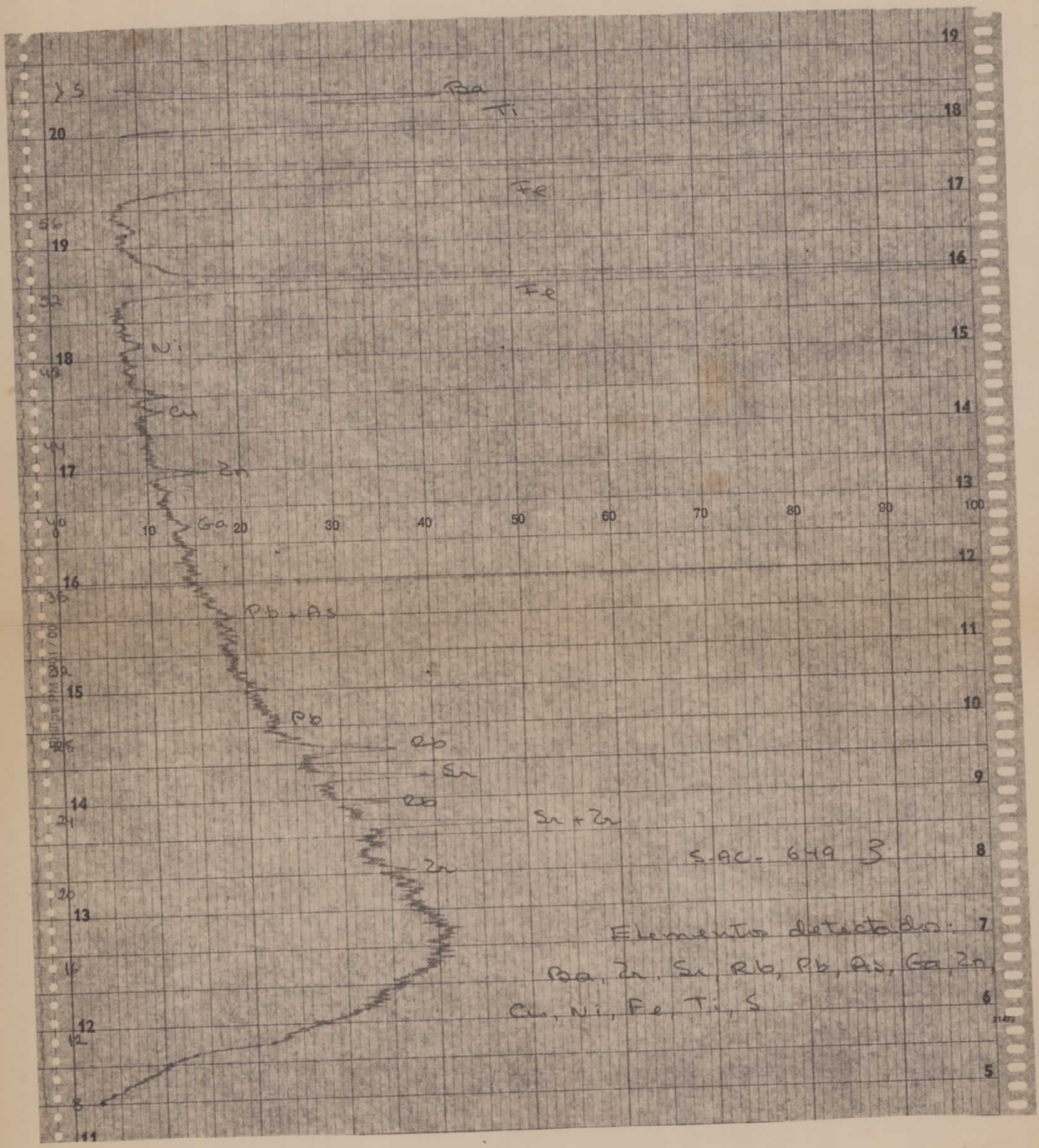
S-AC-645

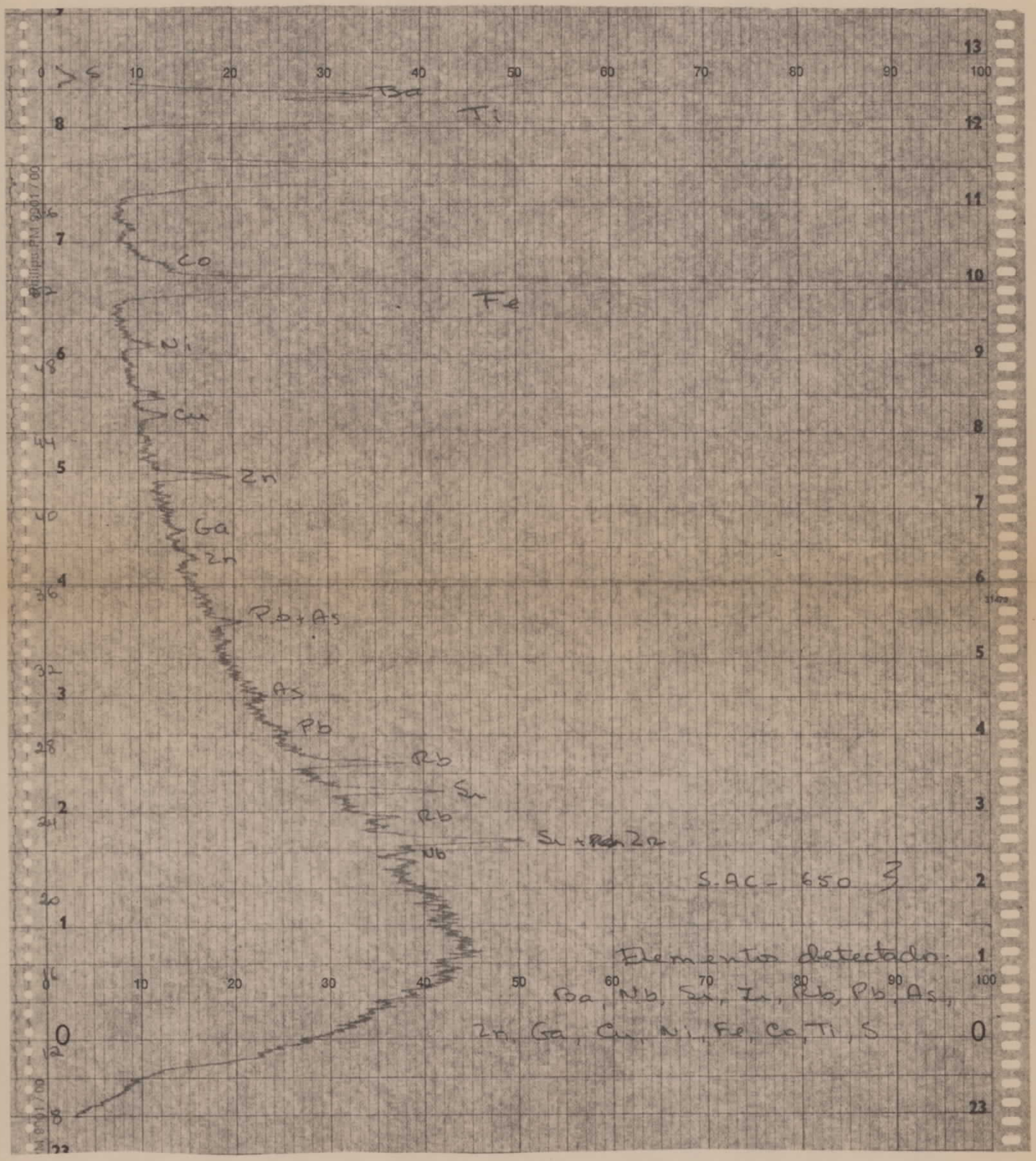

Ba
Ti
CO
Fe
Ni
Cu
Ir
Ga
Rb + As
Pb
Rb
Cu
Rb
Sn + Zn
S. AC. 646
Elementos detectados:
Ga, Sn, Zn, Rb, Pb, As, Ga, Zn,
Cu, Ni, Fe, Co, Ti, S



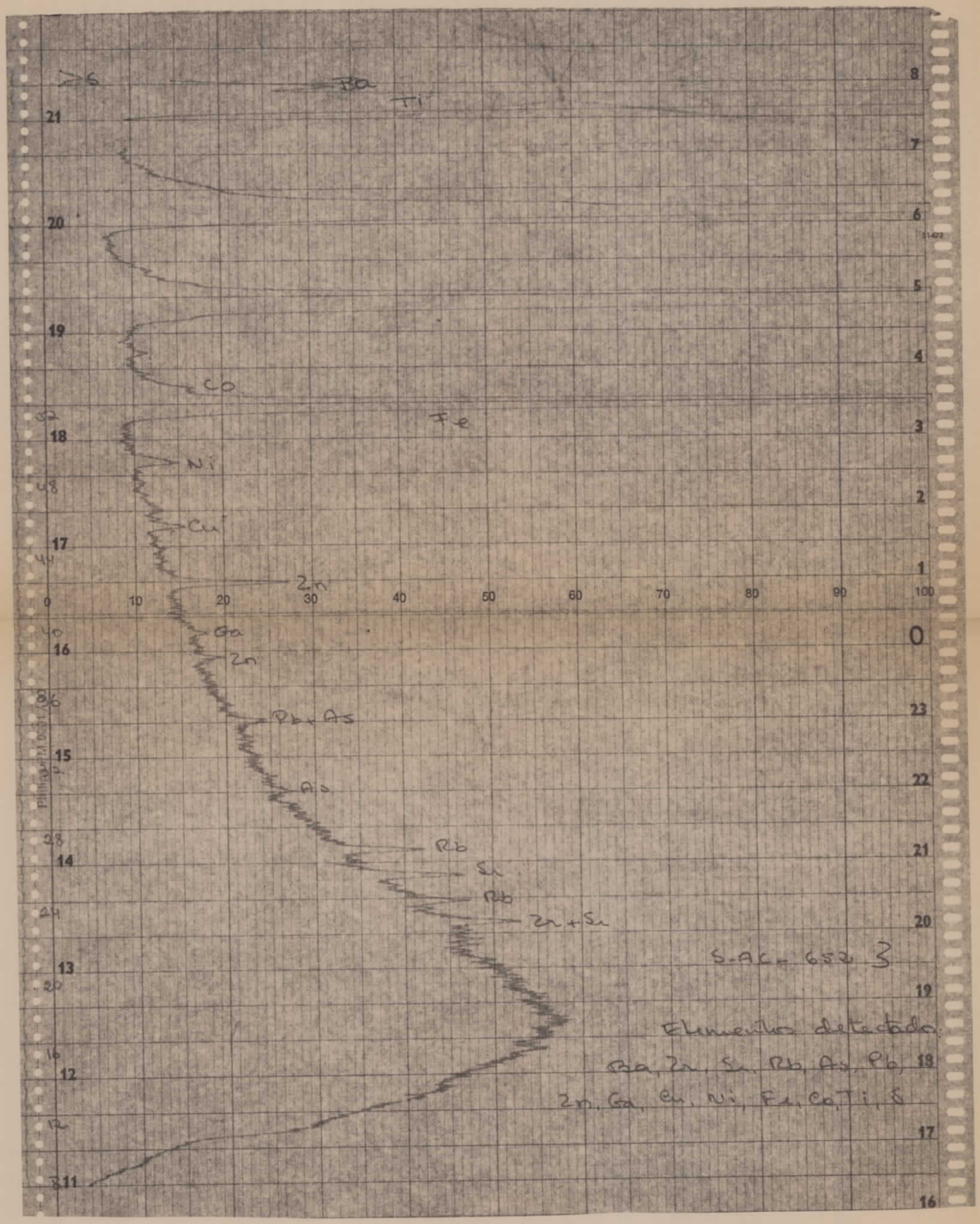
Ba
Mn
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Ag
Ba
Ti
Fe
648
S-AC-78
716


Ti
Fe
Fe
Ba
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Zr
Ba
S-AC-647


Ba
Ti
Fe
Fe
Ni
Cu
Zn
Ga
Pb + As
Pb
Pb
Sr
Pb
Sr + Zr
Zr
S.AC- 649 3
Elementos detectados:
Ba, Zr, Sr, Rb, Pb, As, Ga, Zn,
Cu, Ni, Fe, Ti, S

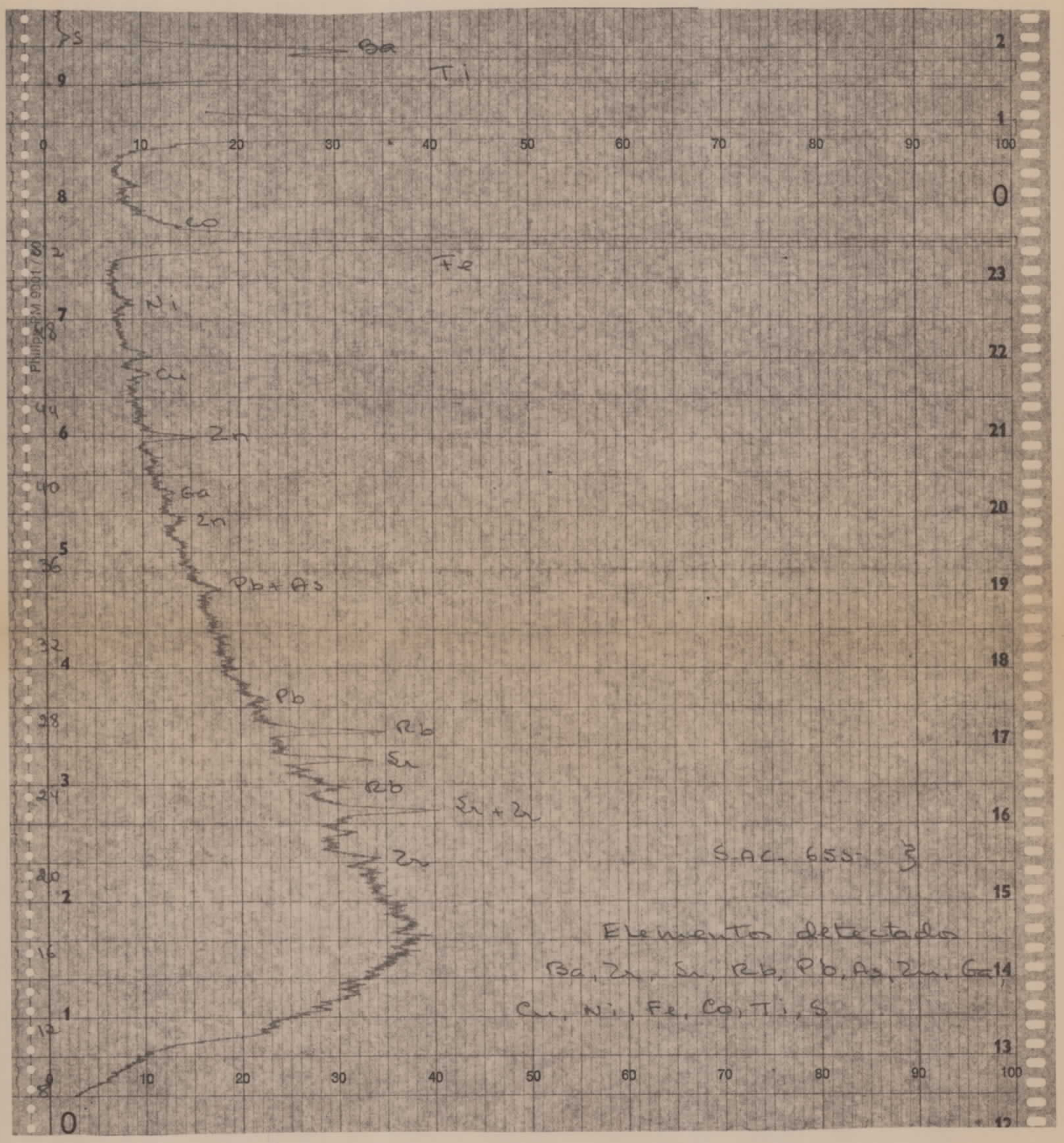

Ba
Ti
Co
Fe
Ni
Cu
Zn
Ga
Zn
Pb + As
As
Pb
Rb
Sr
Rb
Sr + Rb + Zr
Nb
S.9C - 650 S
Elementos detectados:
Ba, Nb, Sr, Zr, Rb, Pb, As,
Zn, Ga, Cu, Ni, Fe, Co, Ti, S

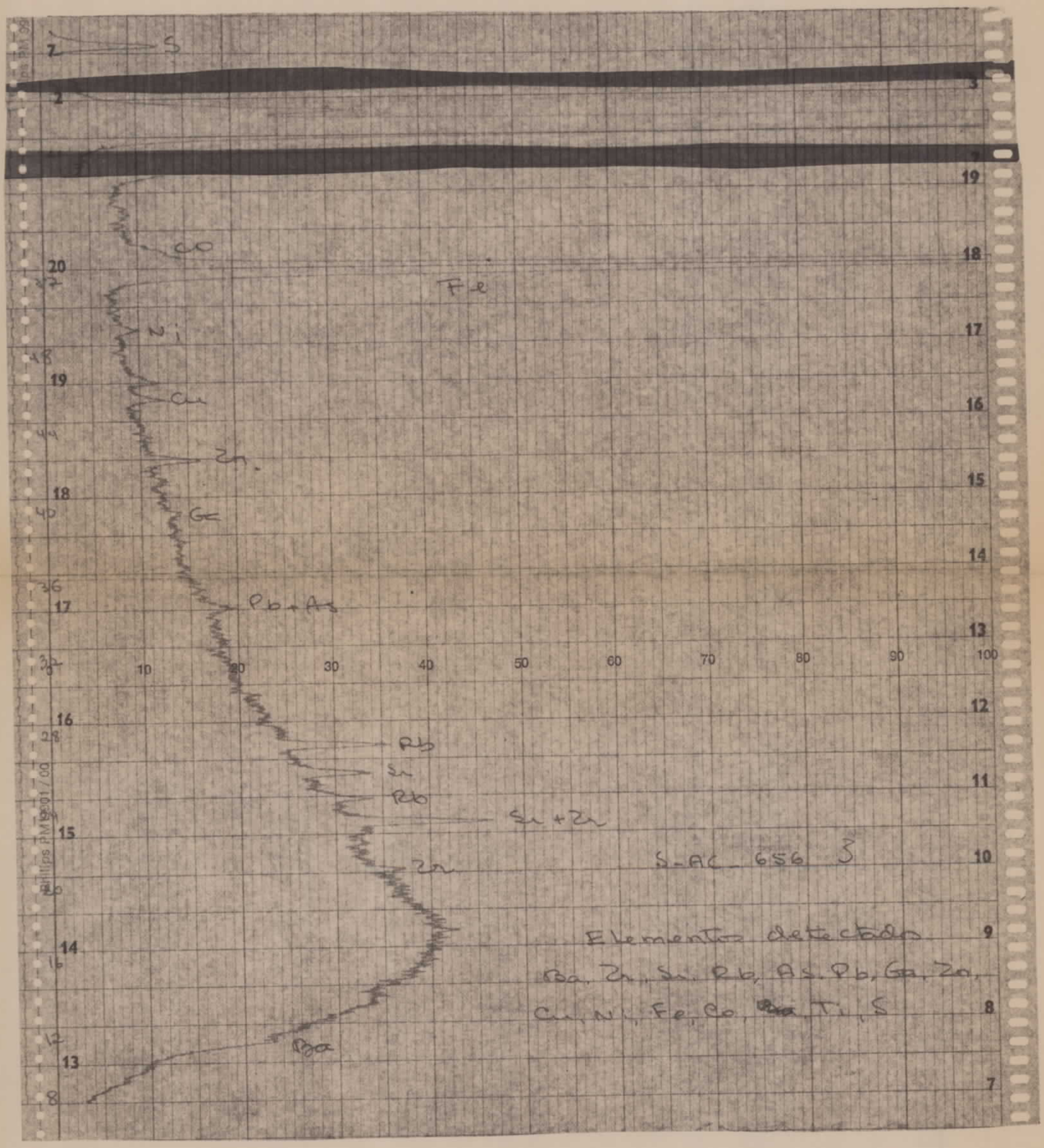
S-AC-651

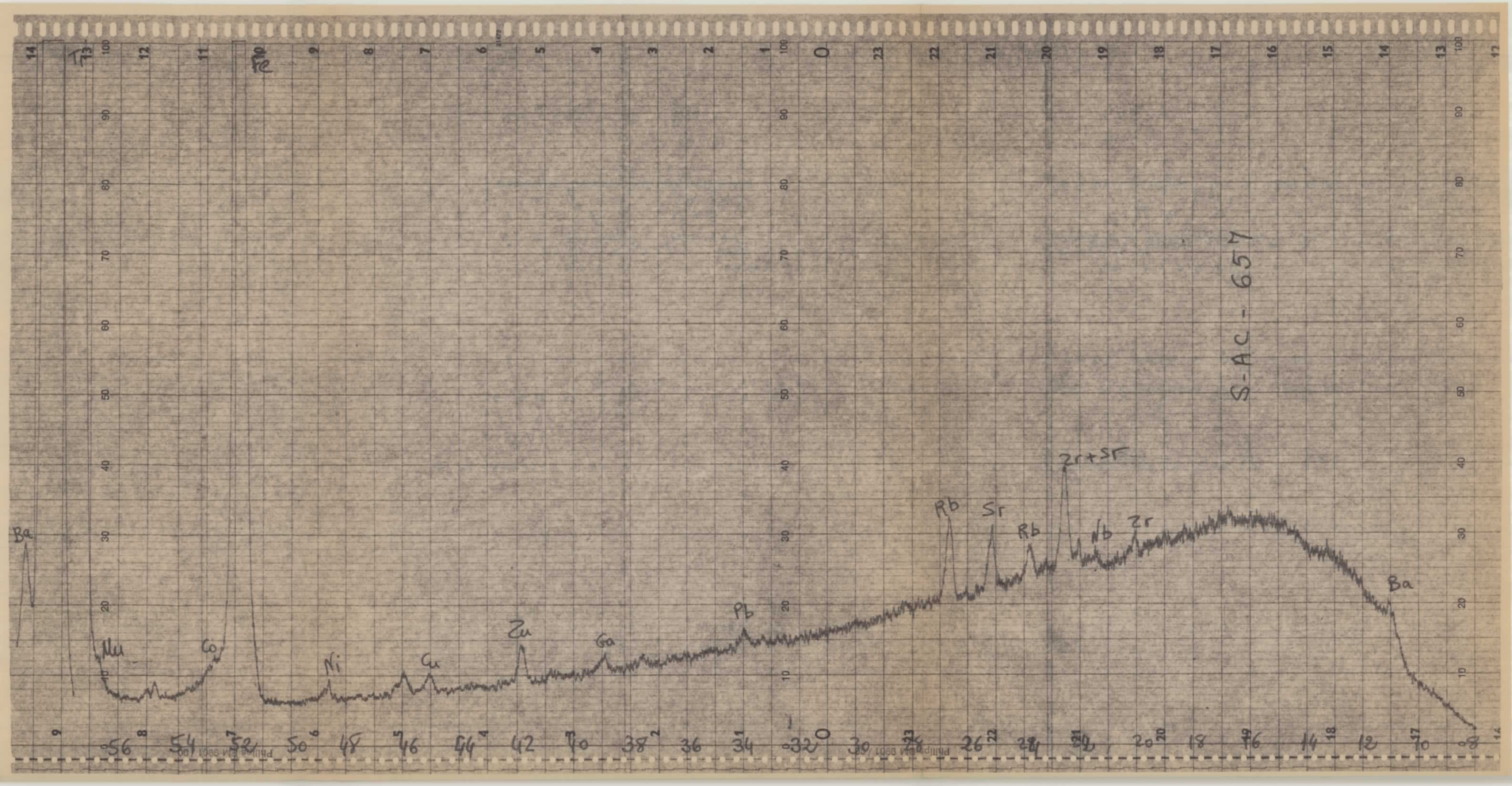

Sr
Ba
Ti
Co
Fe
Ni
Cu
Zn
Ga
Zr
Pb + As
As
Rb
Sr
Rb
Zr + Sr
S-AC-652 3
Elementos detectados:
Ba, Zr, Sr, Rb, As, Pb,
Zn, Ga, Cu, Ni, Fe, Co, Ti, S
0
10
20
30
40
50
60
70
80
90
100

S-AC-653

S-AC-655

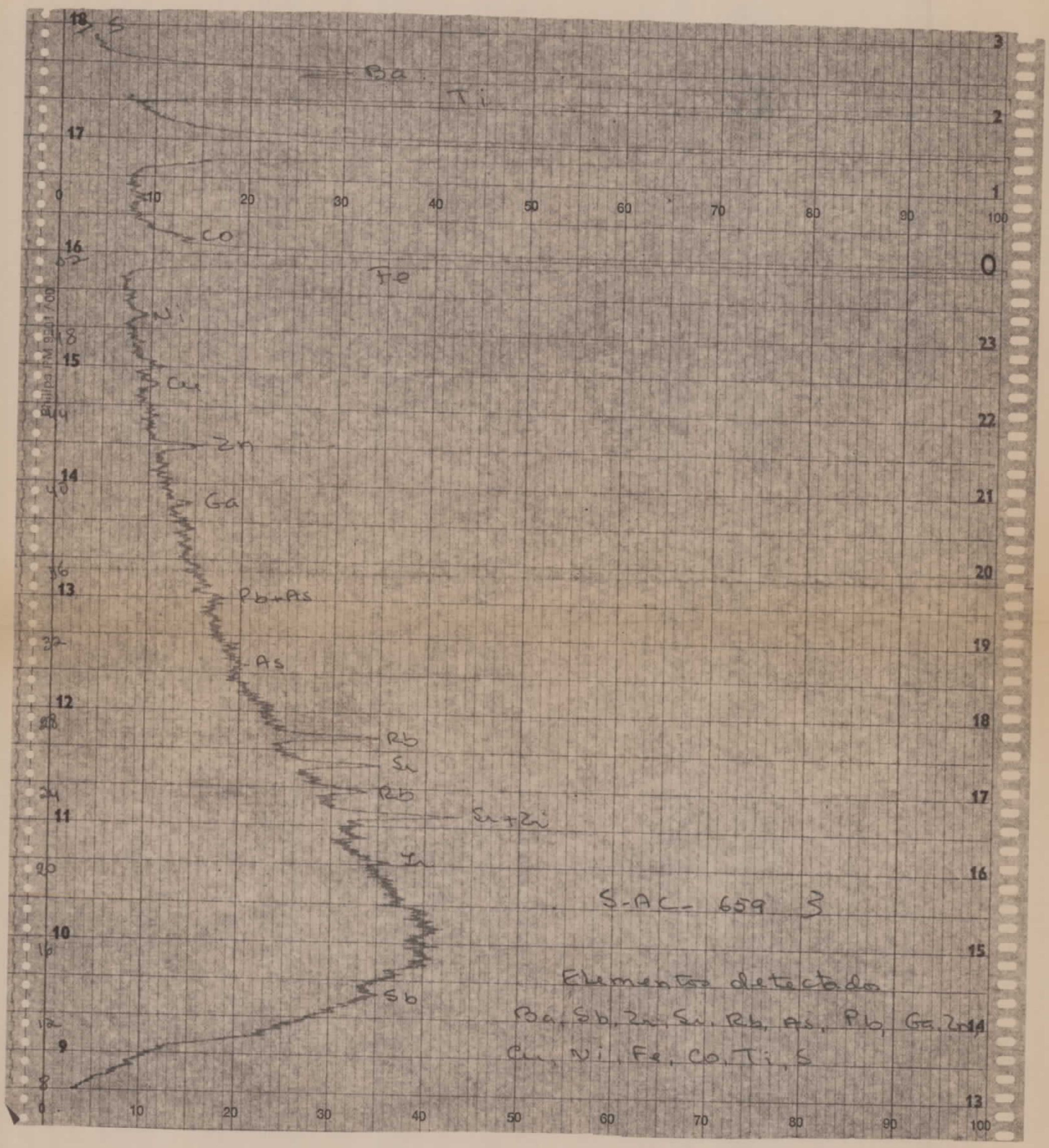

Ba
Ti
Fe
Zr
Ga
Zn
Pb + As
Pb
Rb
Sr
Rb
Sr + Zr
Zr
S.AC. 655: 3
Elemento detectado
Ba, Zr, Sr, Rb, Pb, As, Zn, Ga
Cu, Ni, Fe, Co, Ti, S

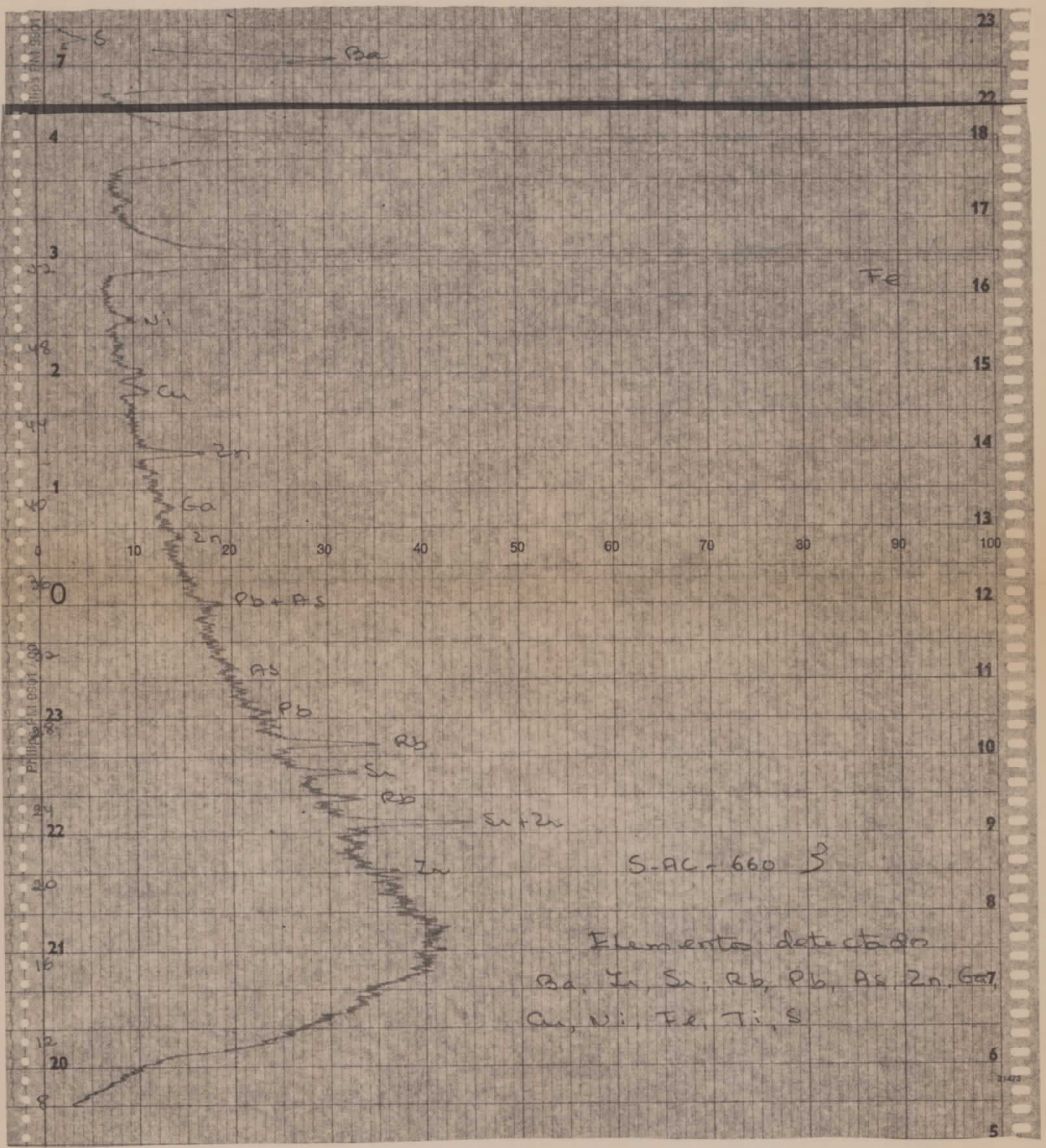

Fe
Pb + As
Rb
Sr
Rb
Sr + Zr
Zr
Ba
S-AC_656
Elementos detectados
Ba, Zr, Sr, Rb, As, Pb, Ga, Zn,
Cu, Ni, Fe, Co, Ba, Ti, S

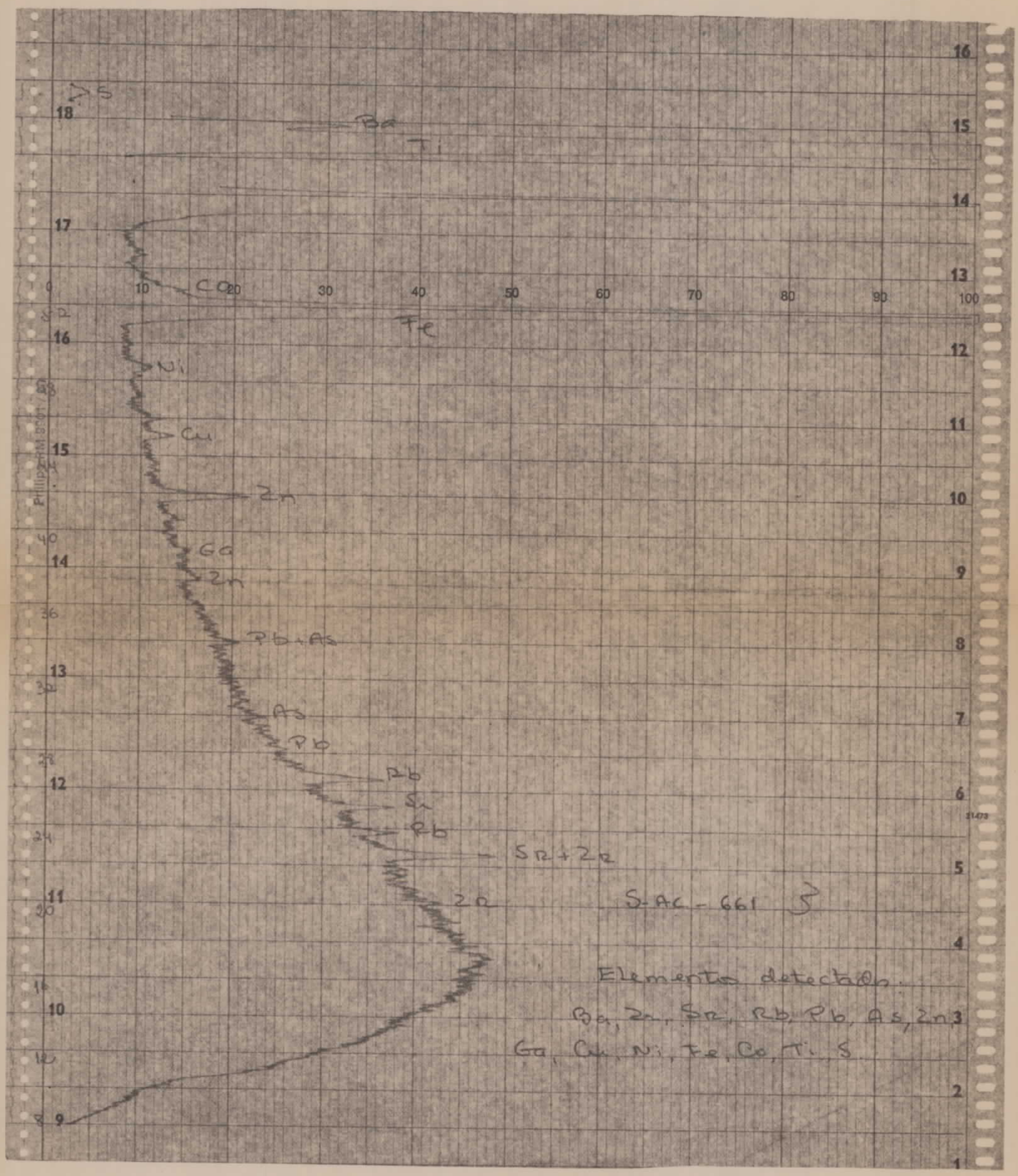

S-AC-657
Ba
Mn
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ba

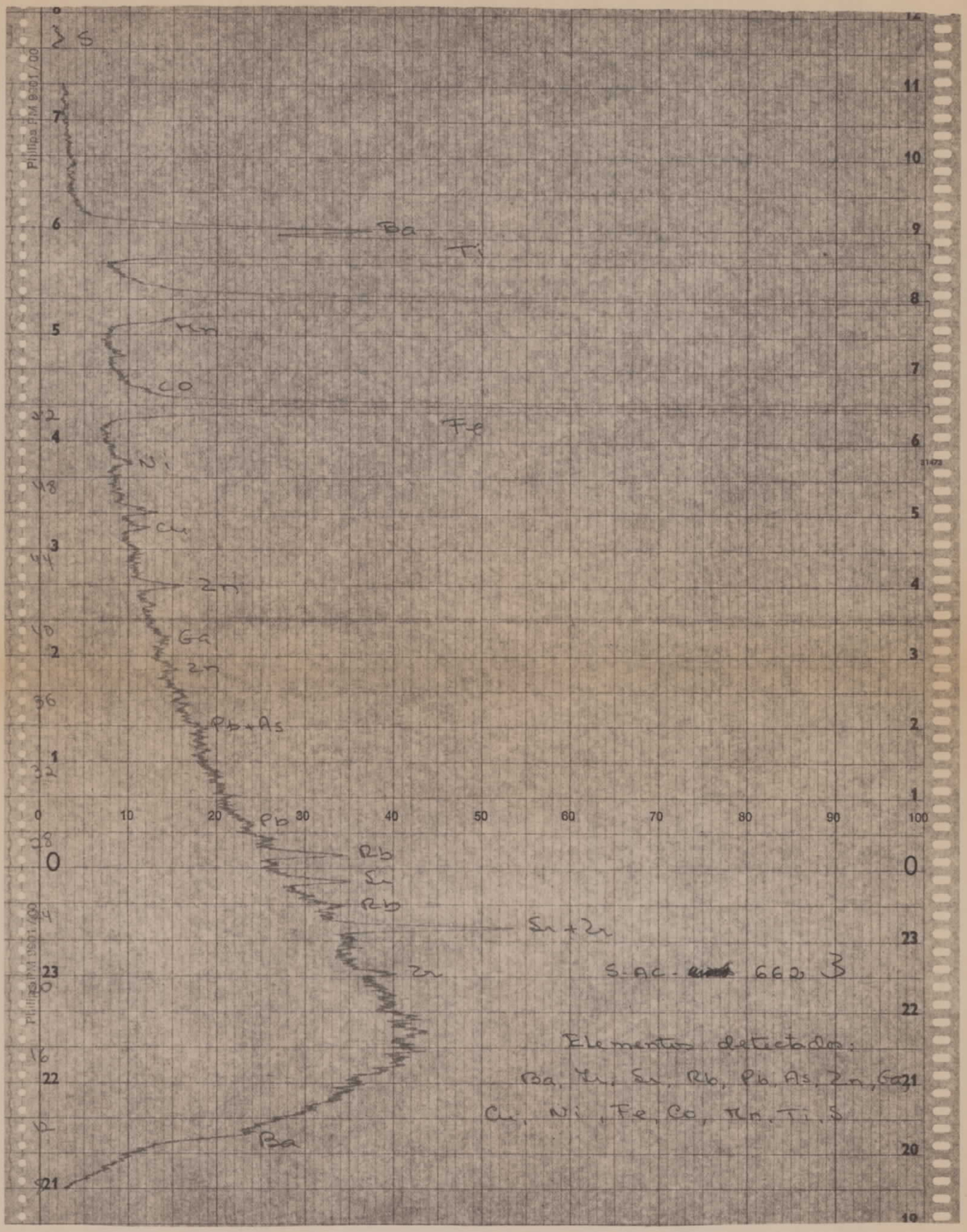
Mn
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ba

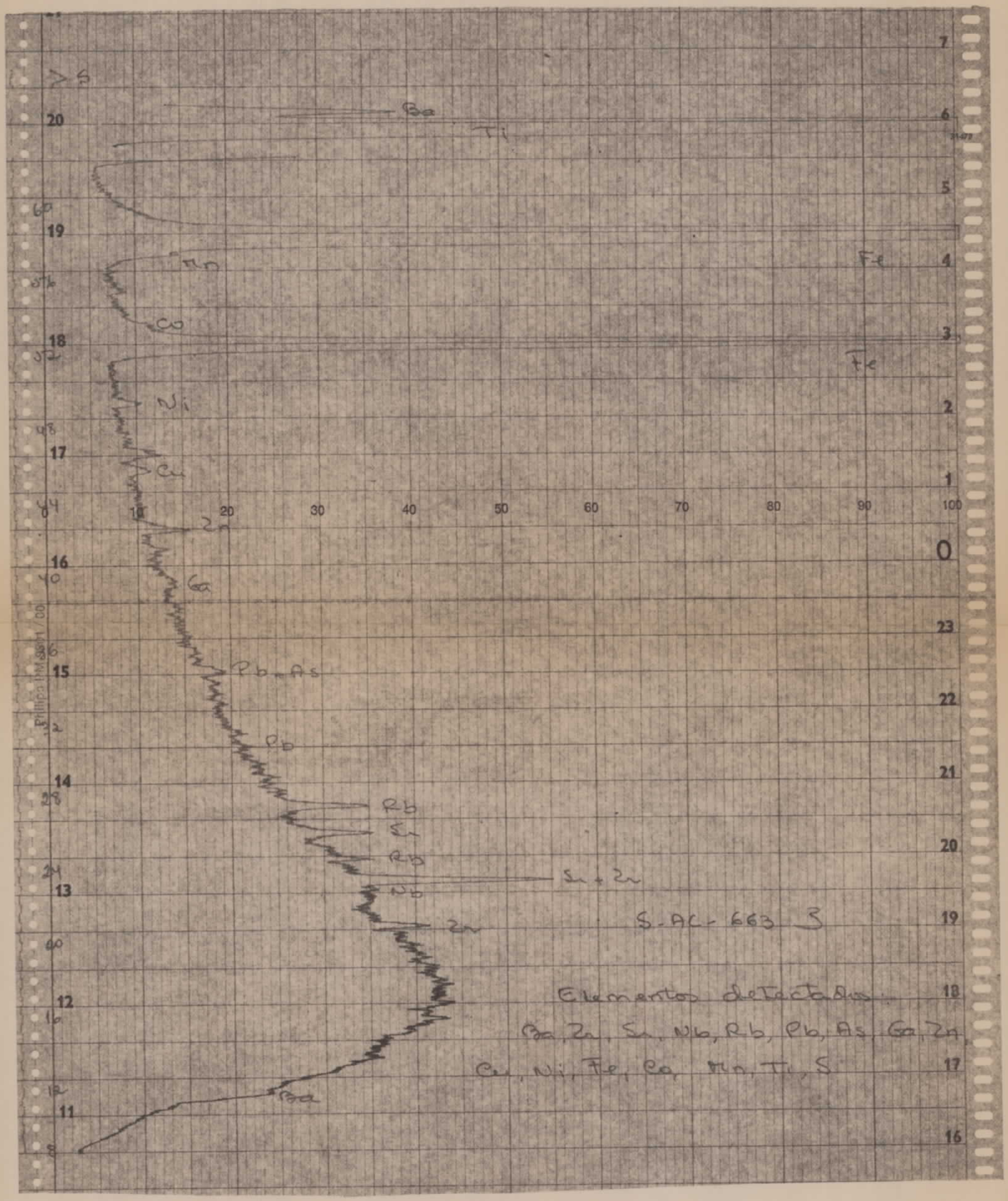
S-AC-658

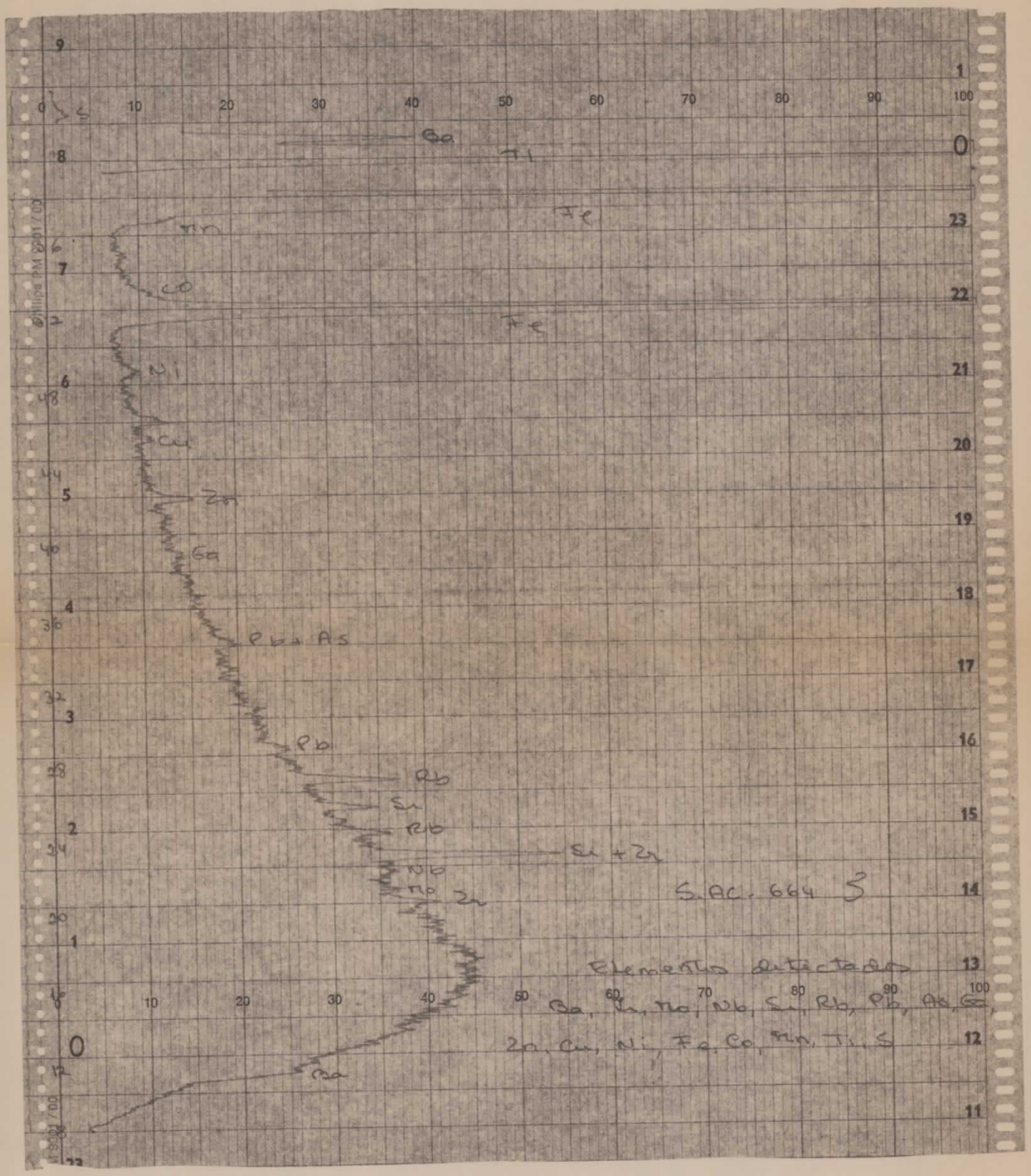

S
Ba
Ti
Co
Fe
Ni
Cu
Zn
Ga
Pb+As
As
Rb
Sr
Rb
Sr+Zr
In
Sb
S-AC- 659 3
Elementos detectados
Ba, Sb, Zr, Sr, Rb, As, Pb, Ga, Zn,
Cu, Ni, Fe, Co, Ti, S

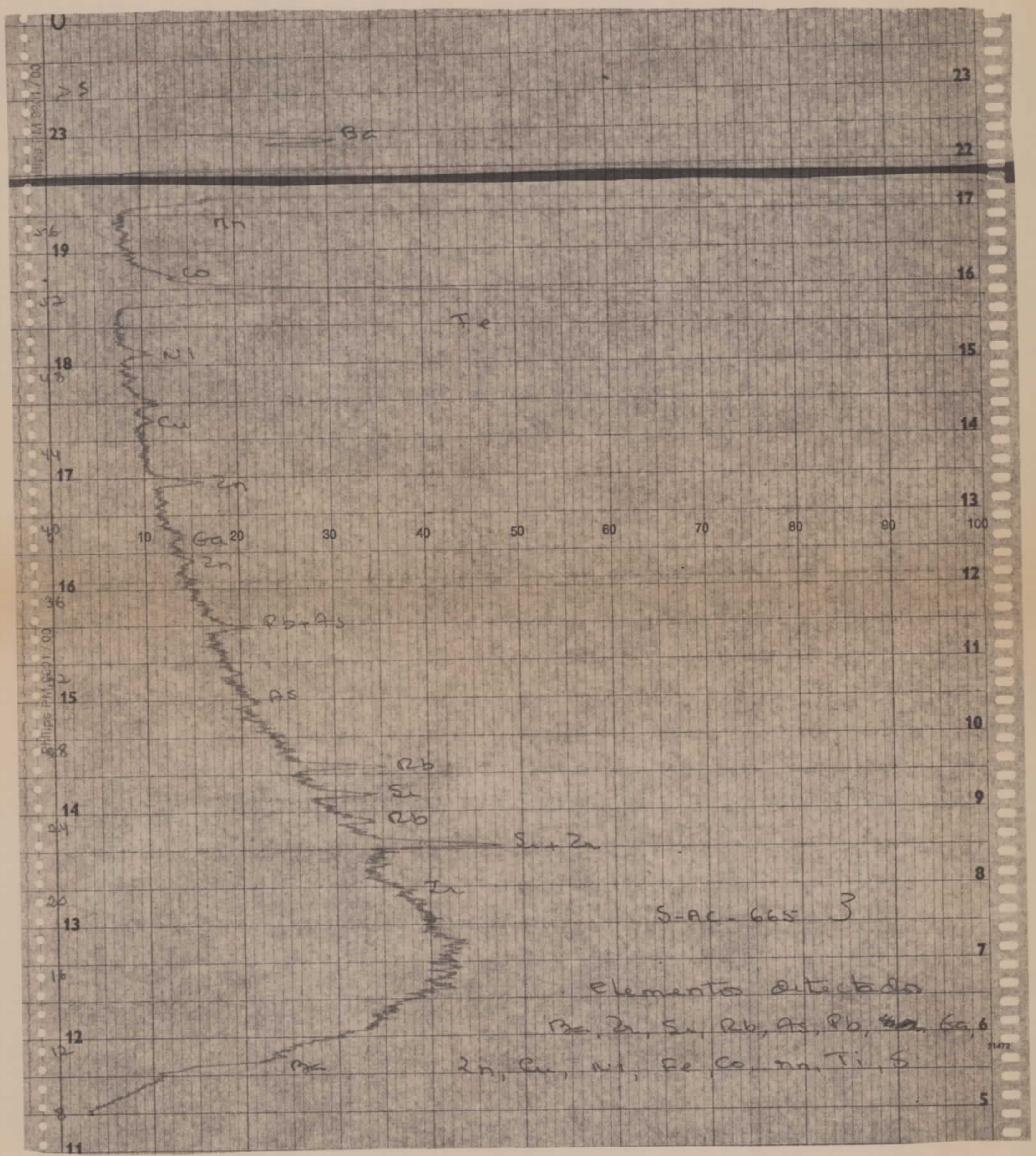

S
Ba
Fe
Ni
Cu
Zn
Ga
Zn
Pb + As
As
Pb
Rb
Sr
Rb
Sr + Zr
Zr
S-AC-660
Elementos detectados
Ba, In, Sn, Rb, Pb, As, Zn, Ga,
Cu, Ni, Fe, Ti, S


Ba
Ti
Fe
Ni
Cu
Zn
Ga
Zn
Pb-As
As
Pb
Rb
Sr
Rb
Sr+Zr
Zr
S-AC-661
Elementos detectados:
Ba, Zn, Sr, Rb, Pb, As, Zn,
Ga, Cu, Ni, Fe, Co, Ti, S.

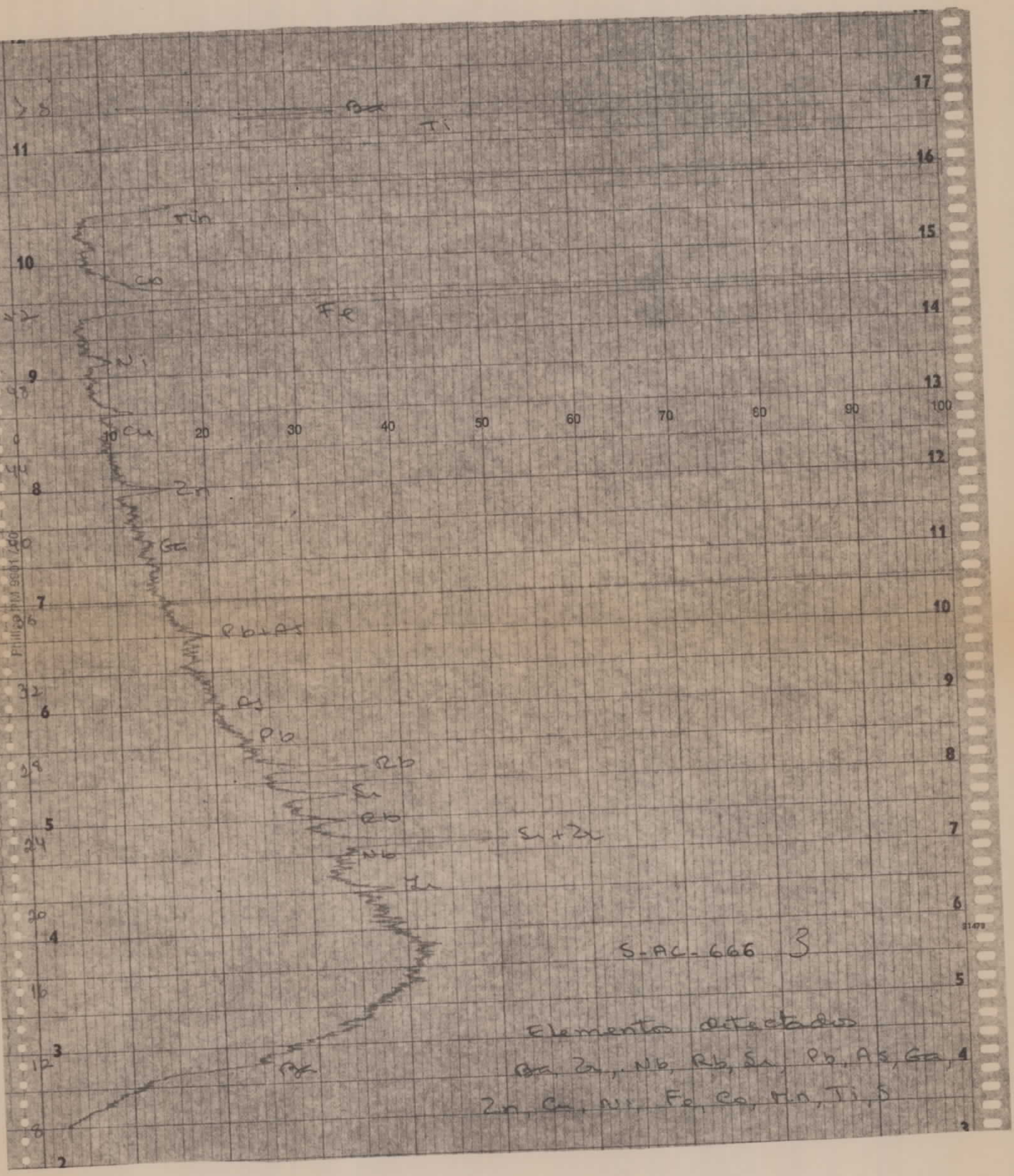

Ba
Ti
Sr
Fe
Cu
Zn
Ga
Pb+As
Pb
Rb
Sr
Rb
Sr+Zr
Zr
Ba
S-AC-
Elementos detectados:
Ba, Ti, Sr, Rb, Pb, As, Zn, Ga
Cu, Ni, Fe, Co, Mn, Ti, S


Ba
Ti
Fe
Sr
Zr
Nb
Rb
Pb - As
Ga
Cu
Ni
Zn
Sn + Zn
S-AC-663 3
Elementos detectados
Ba, Zn, Sn, Nb, Rb, Pb, As, Ga, Zn,
Cu, Ni, Fe, Co, Mn, Ti, S

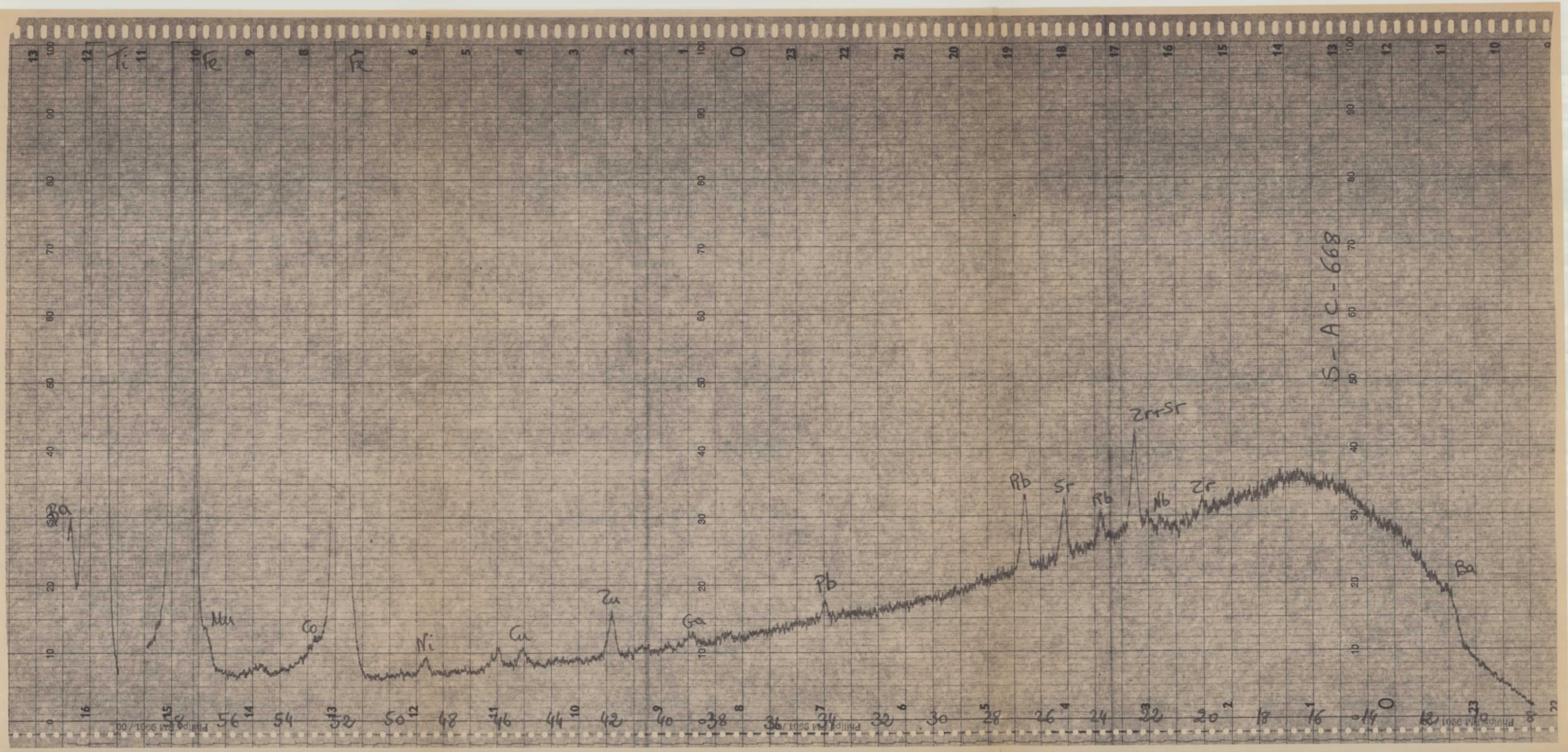

Ba
Pb + As
Pb
Rb
Sr
Rb
Sr + Zr
Nb
Th
Zr
S. AC. 664 S
Elementos detectados
Ba, Th, Th, Nb, Sr, Rb, Pb, As, Ge,
Zn, Cu, Ni, Fe, Co, Mn, Ti, S

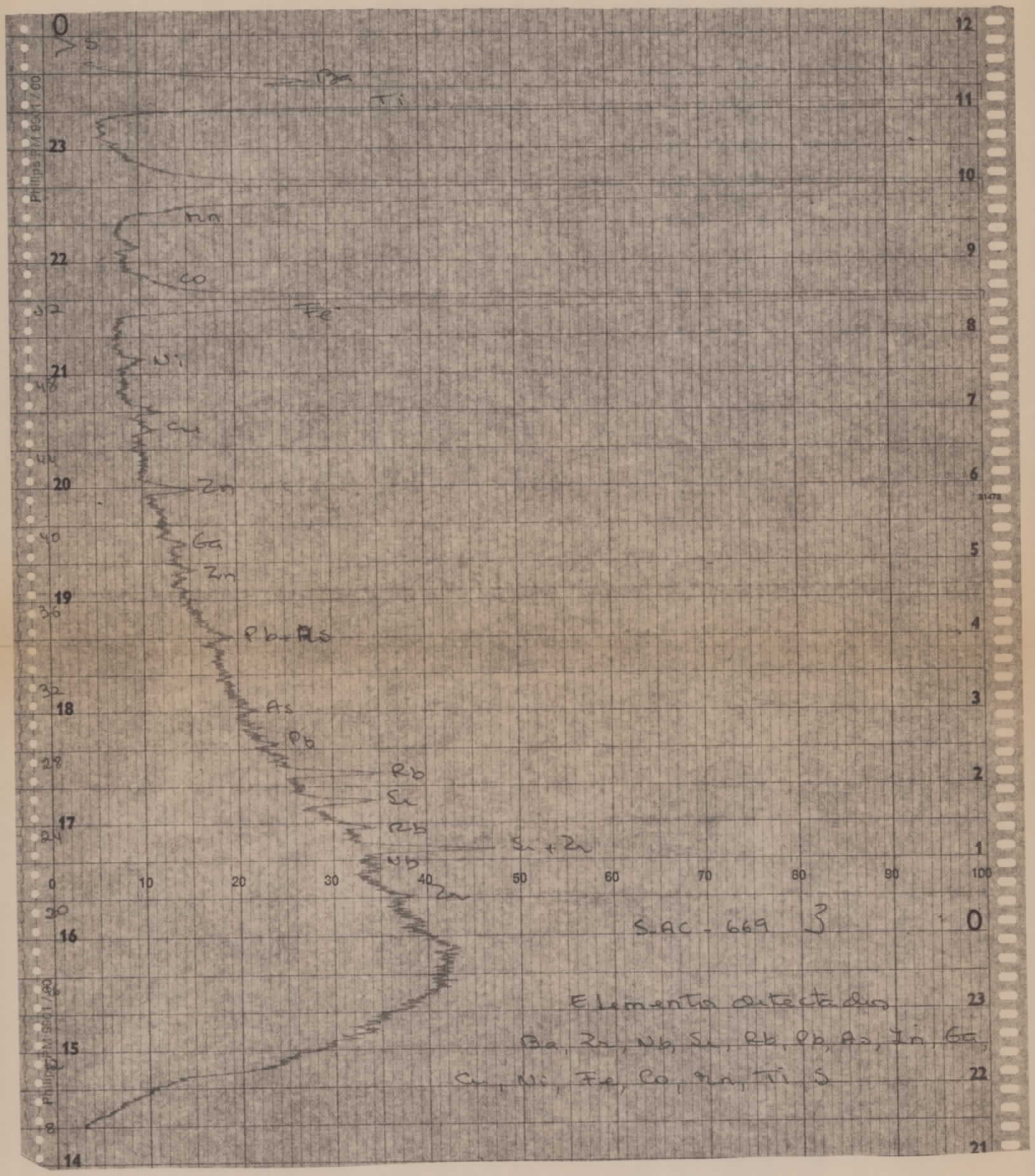


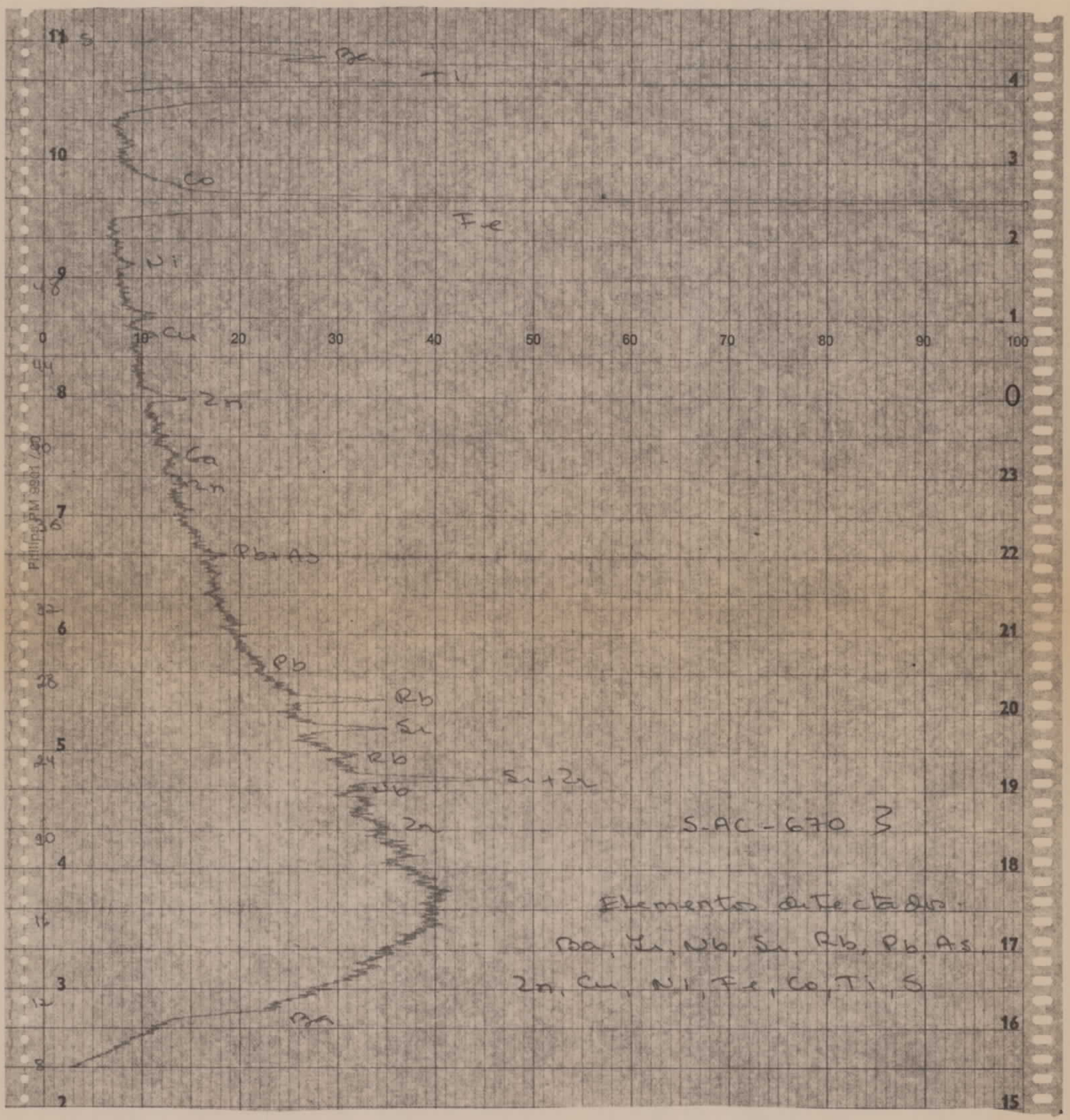
Ba
Co
Fe
Ni
Cu
Zn
Ga
Zn
Pb+As
As
Rb
Si
Rb
Si+Zn
Zn
Ba
S-AC-665 3
elementos detectados
Ba, Zn, Si, Rb, As, Pb, Ga,
Zn, Cu, Ni, Fe, Co, Mn, Ti, S

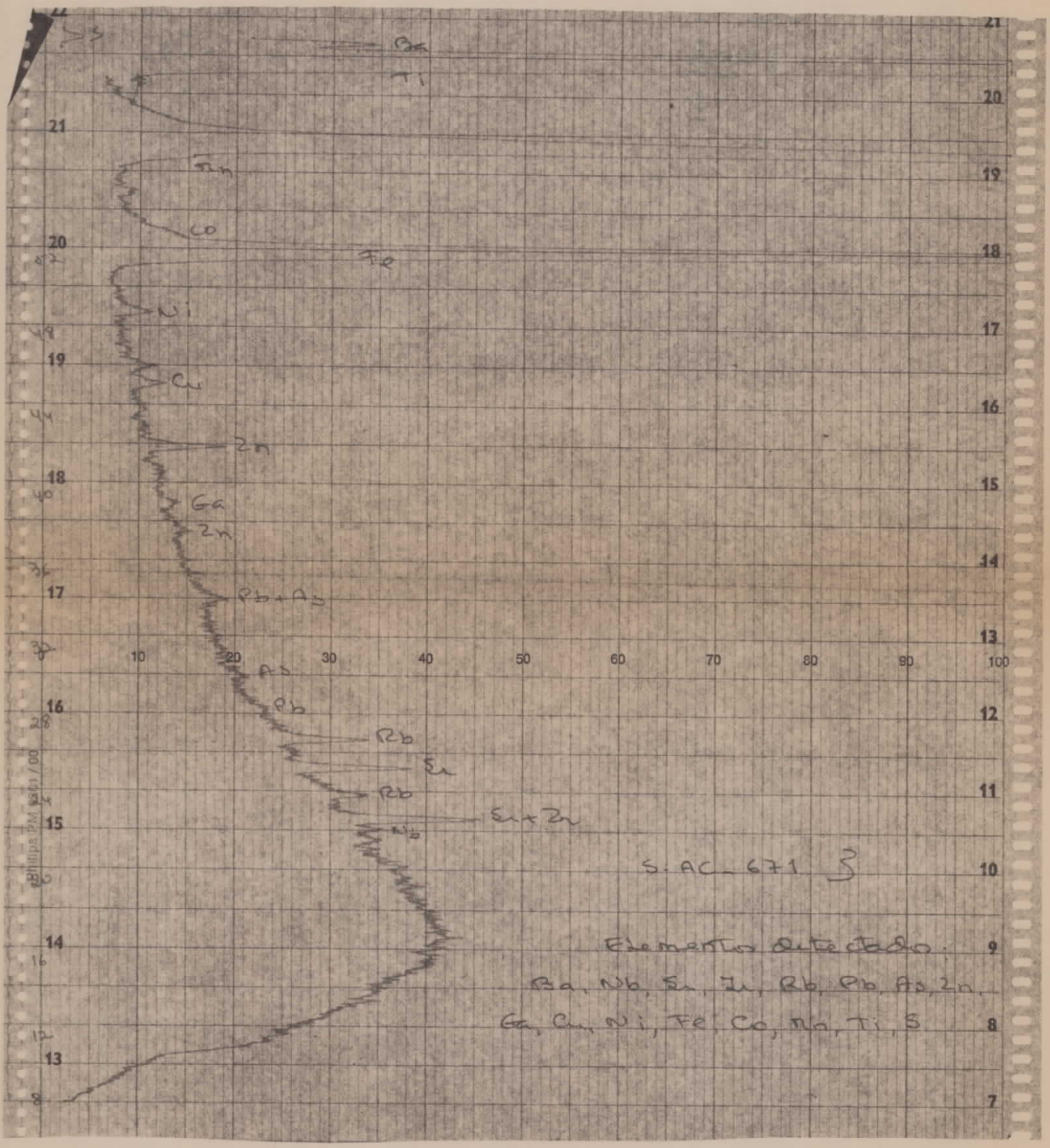

Sr
Y
Zr
Nb
Rb
Sn
Pb
As
Ga
Zn
Cu
Ni
Fe
Co
Mn
Ti
S
S-AC-666
Elementos detectados
Ga, Zr, Nb, Rb, Sn, Pb, As, Ga,
Zn, Cu, Ni, Fe, Co, Mn, Ti, S

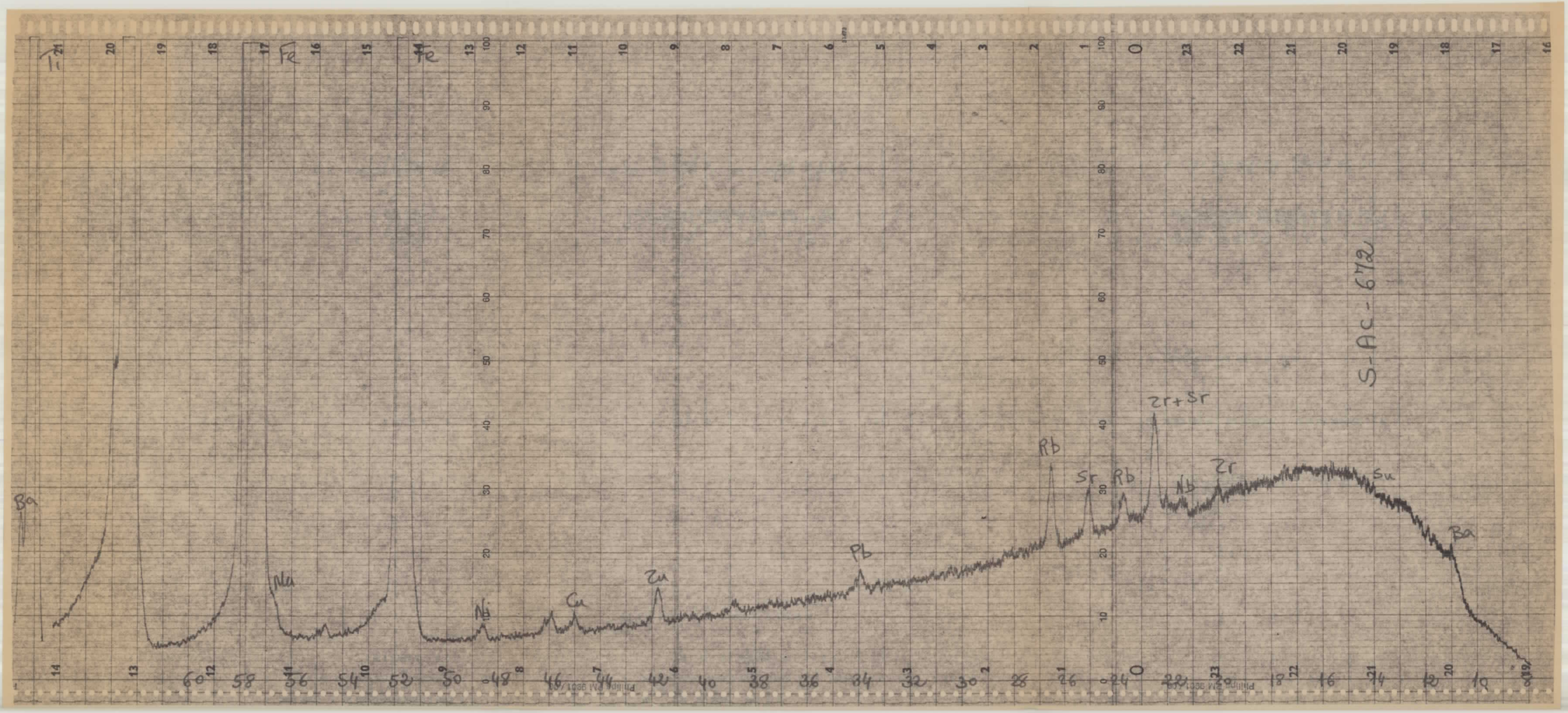
S-AC-667

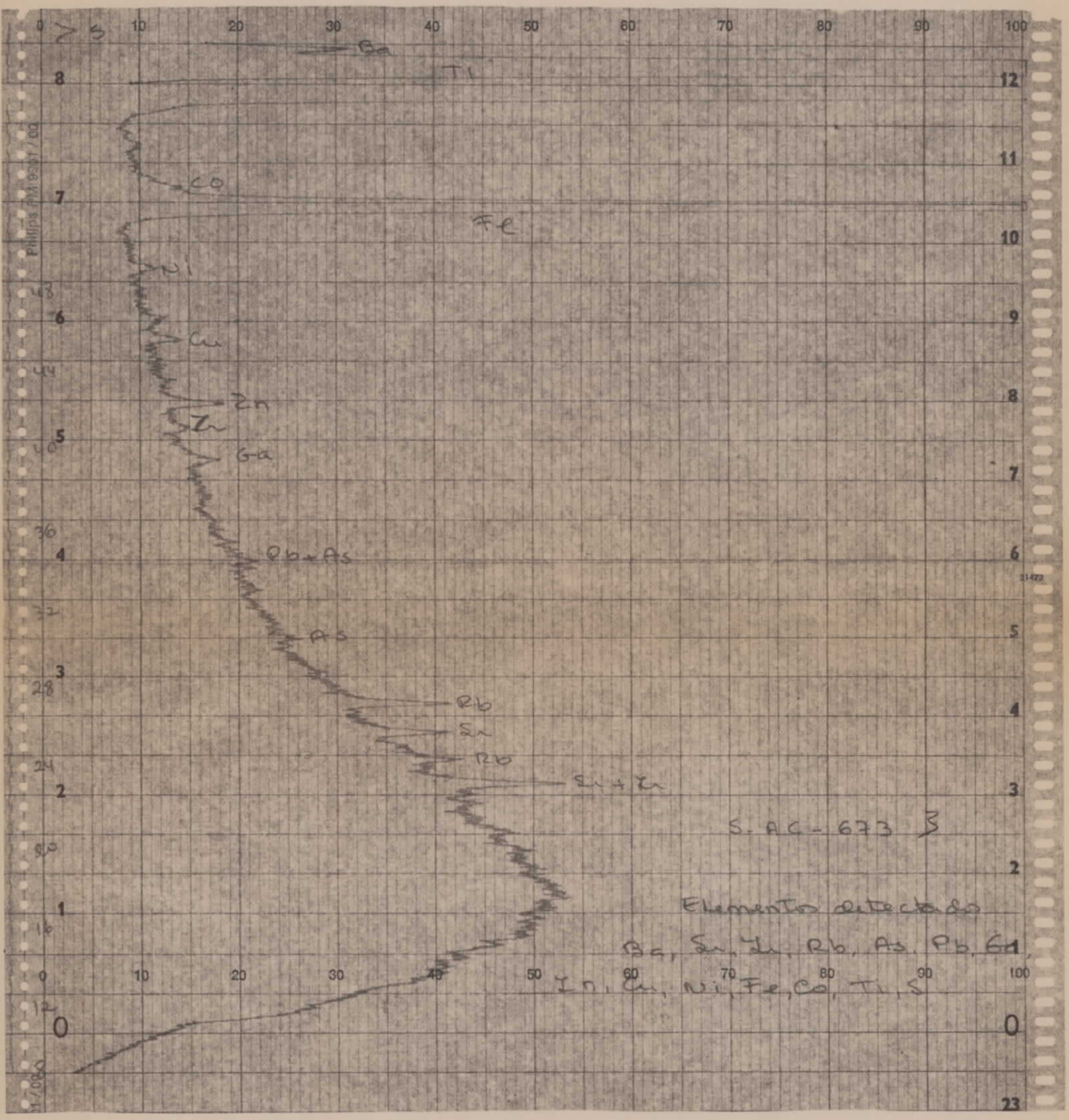

S-AC-668
Ti
Fe
Fe
Mn
Co
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ba
Ba


Ti
Mn
Co
Fe
Ni
Cu
Zn
Ga
Zn
Pb + As
As
Pb
Rb
Sr
Zr
Sr + Zr
Nb
S.AC - 669
Elementos detectados
Ba, Zr, Nb, Sr, Rb, Pb, As, In, Ga,
Cu, Ni, Fe, Co, Mn, Ti, S

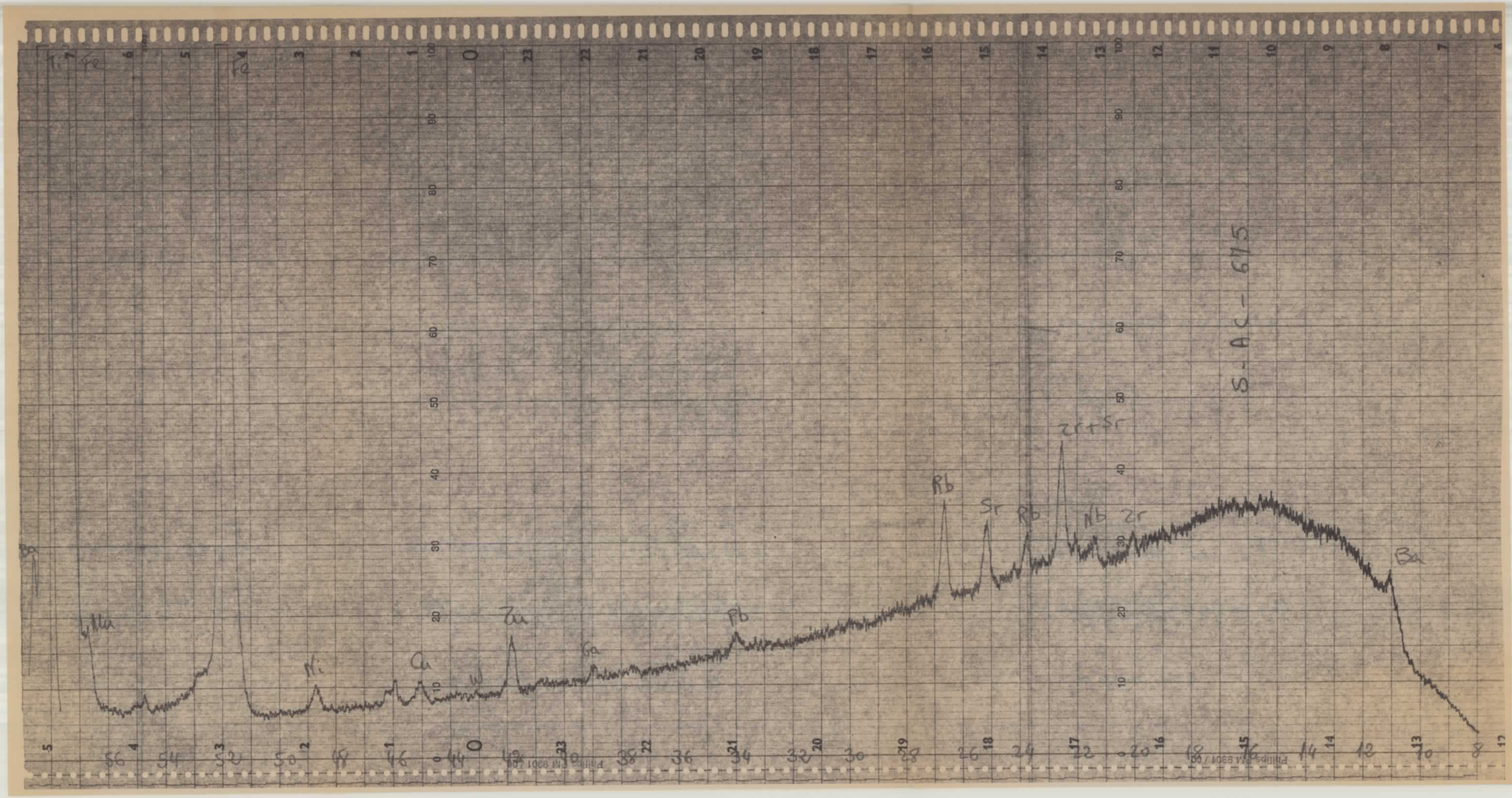

Ba
Ti
Co
Fe
Zr
Cu
Zn
Ga
Sr
Rb+As
Pb
Rb
Sr
Rb
Sr+Zr
Zr
Sn
S-AC-670
Elementos detectados:
Ba, Ti, Nb, Sr, Rb, Pb, As,
Zn, Cu, Ni, Fe, Co, Ti, S

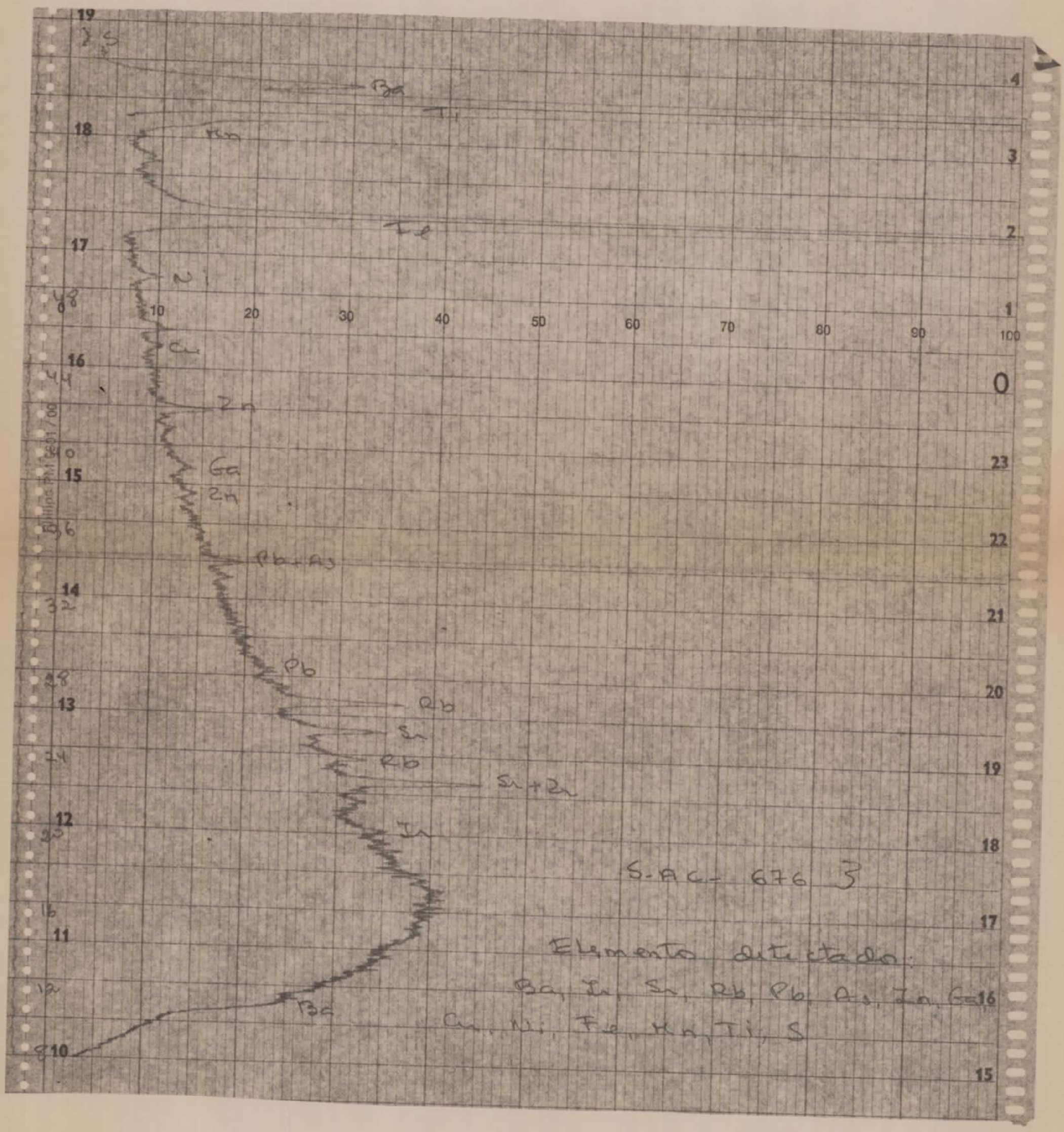

Ba
Ti
Sr
Ca
Fe
Zi
Cr
Zr
Ga
Zn
Pb + As
As
Pb
Rb
Sr
Rb
Sr + Zr
Zr
S. AC_671
Elementos detectados:
Ba, Nb, Sr, Zr, Rb, Pb, As, Zn,
Ga, Cu, Ni, Fe, Co, Mn, Ti, S
10
20
30
40
50
60
70
80
90
100

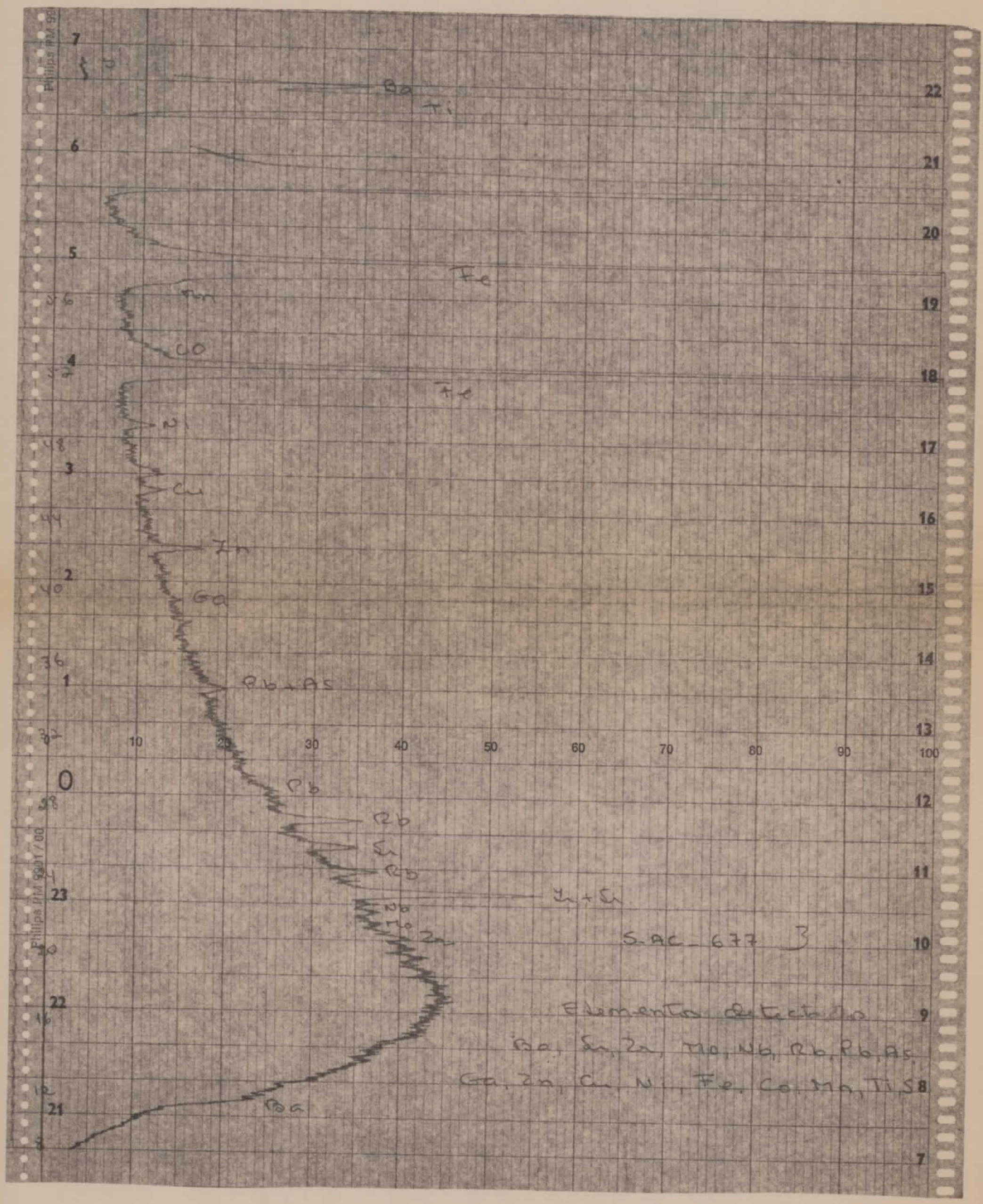

Ba
Fe
Fe
Ni
Cu
Zn
Pb
Rb
Sr
Rb
Nb
Zr
Zr+Sr
Sn
Ba
S-AC-672

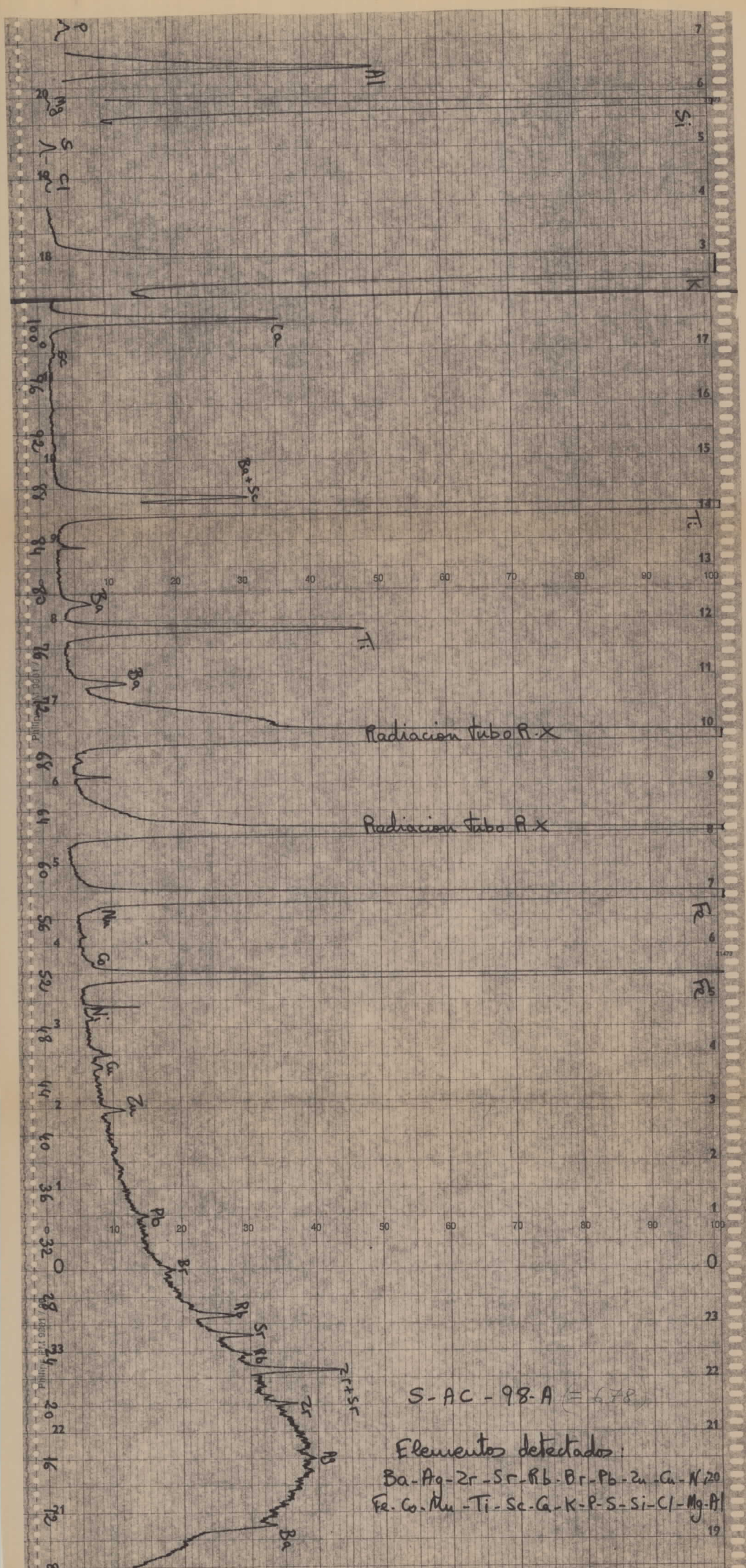

Ba
Ti
Co
Fe
Zr
Zn
Ga
Pb + As
As
Rb
Sr
Rb
Sr + Zr
S. AC - 673
Elementos detectados
Ba, Sr, Zr, Rb, As, Pb, Ga,
In, Cu, Ni, Fe, Co, Ti, S

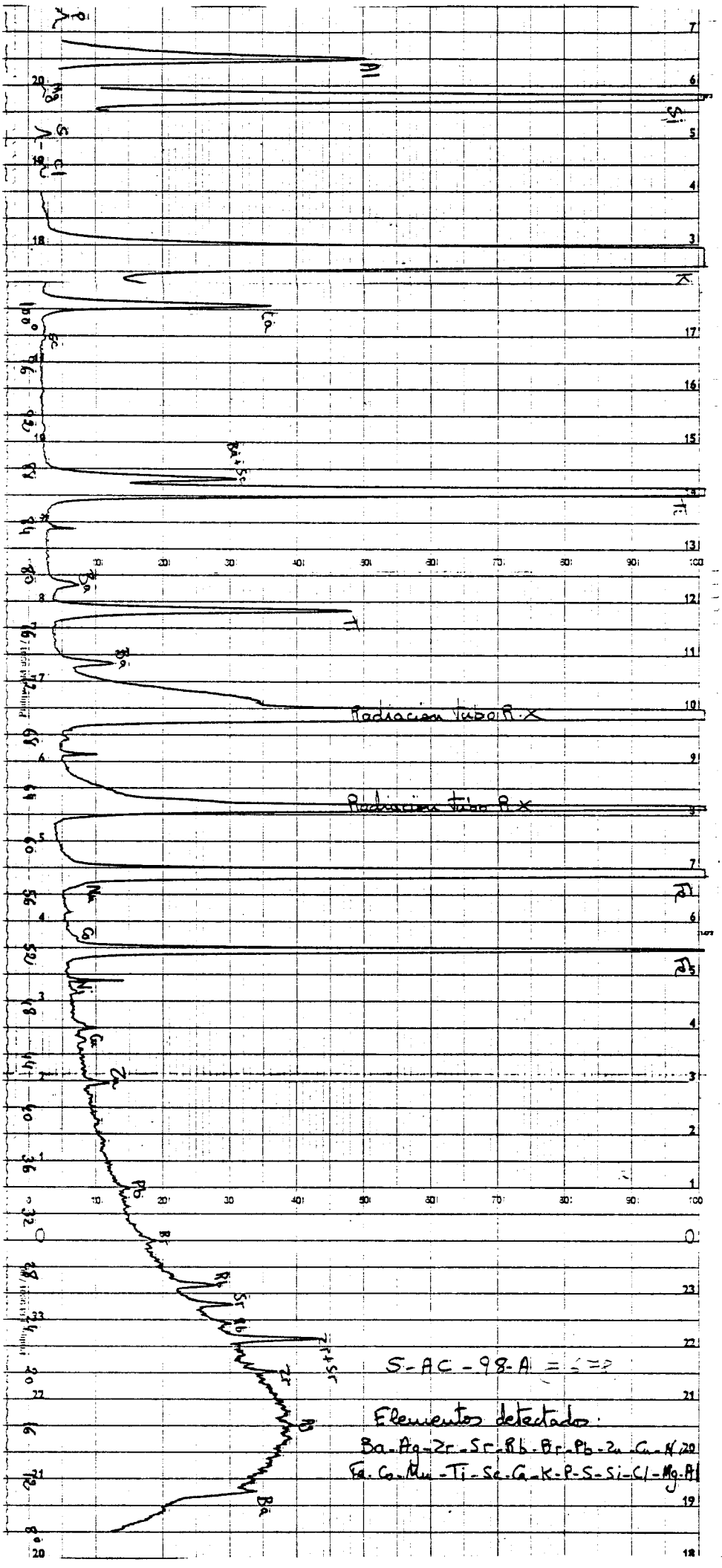
S-AC-674

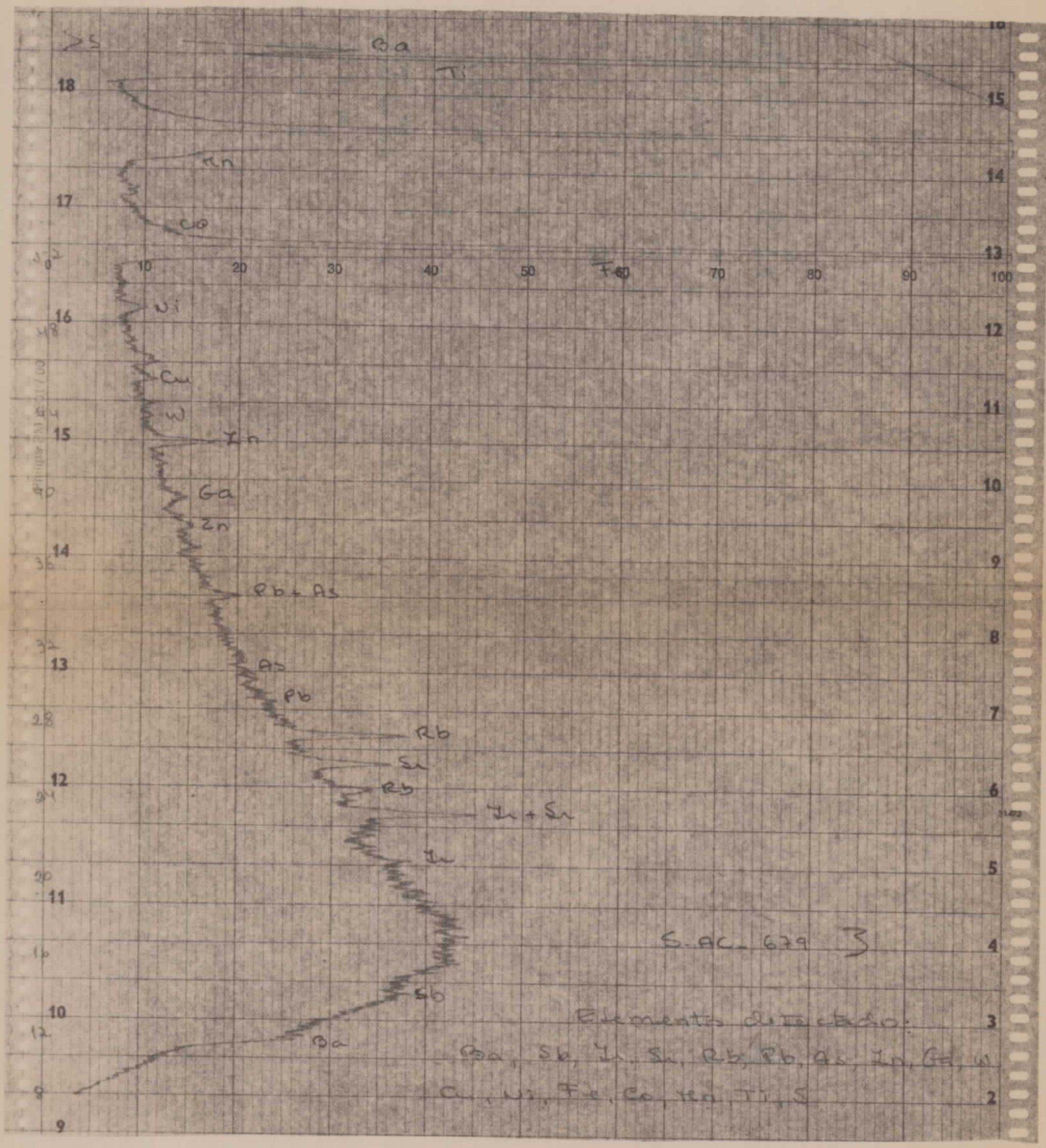

Ti
Fe
Fe
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Pb
Zr+Sr
Nb
Zr
Ba
S-AC-615

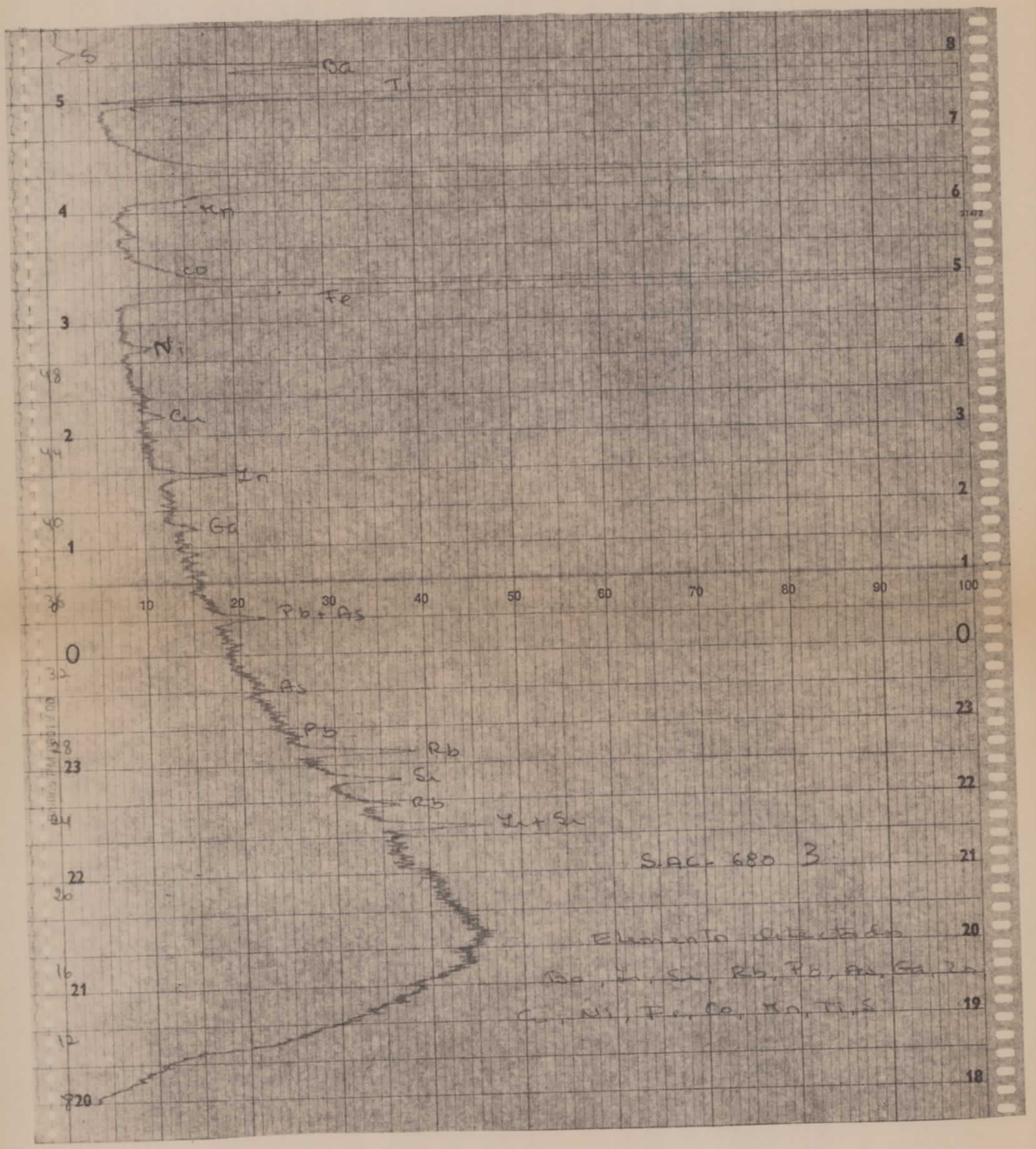

Ba
Ti
Ca
Zn
Ga
Zn
Pb - Ag
Pb
Rb
Sr
Rb
Sr + Zr
Zr
Ba
S-AC- 676 3
Elemento detectado:
Ba, Ti, Sr, Rb, Pb, Ag, Zn, Ga,
Ca, Ni, Fe, Mn, Ti, S

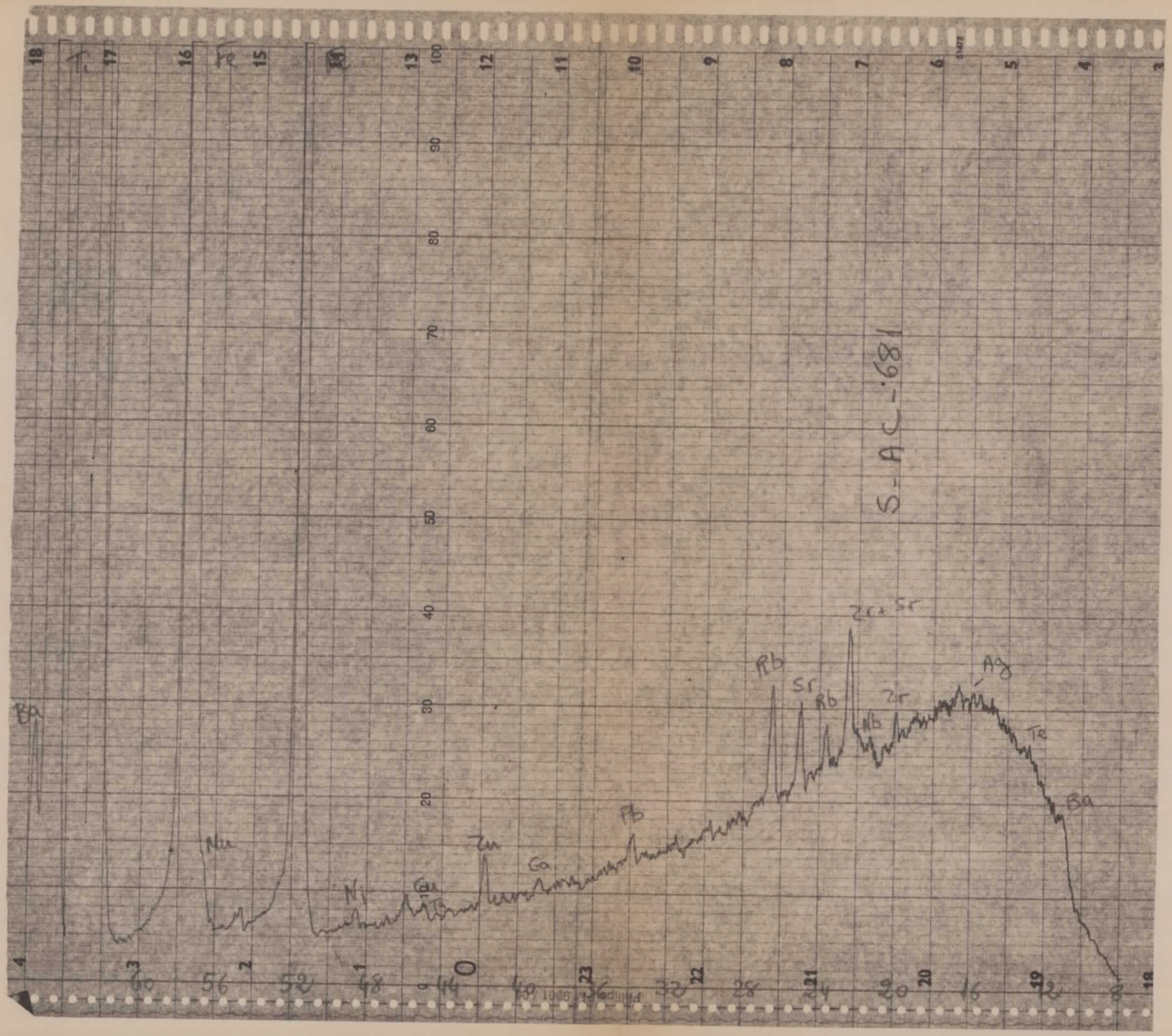

Philips PM 99
Ba
Ti
Fe
Mn
Co
Ni
Cu
Zn
Ga
Pb - As
Pb
Rb
Sr
Rb
Nb
Mo
Zn
Y + Zr
S-AC-677 3
Elementos detectados
Ba, Sr, Zn, Mo, Nb, Rb, Pb, As,
Ga, Zn, Cu, Ni, Fe, Co, Mn, Ti, S
10
20
30
40
50
60
70
80
90
100

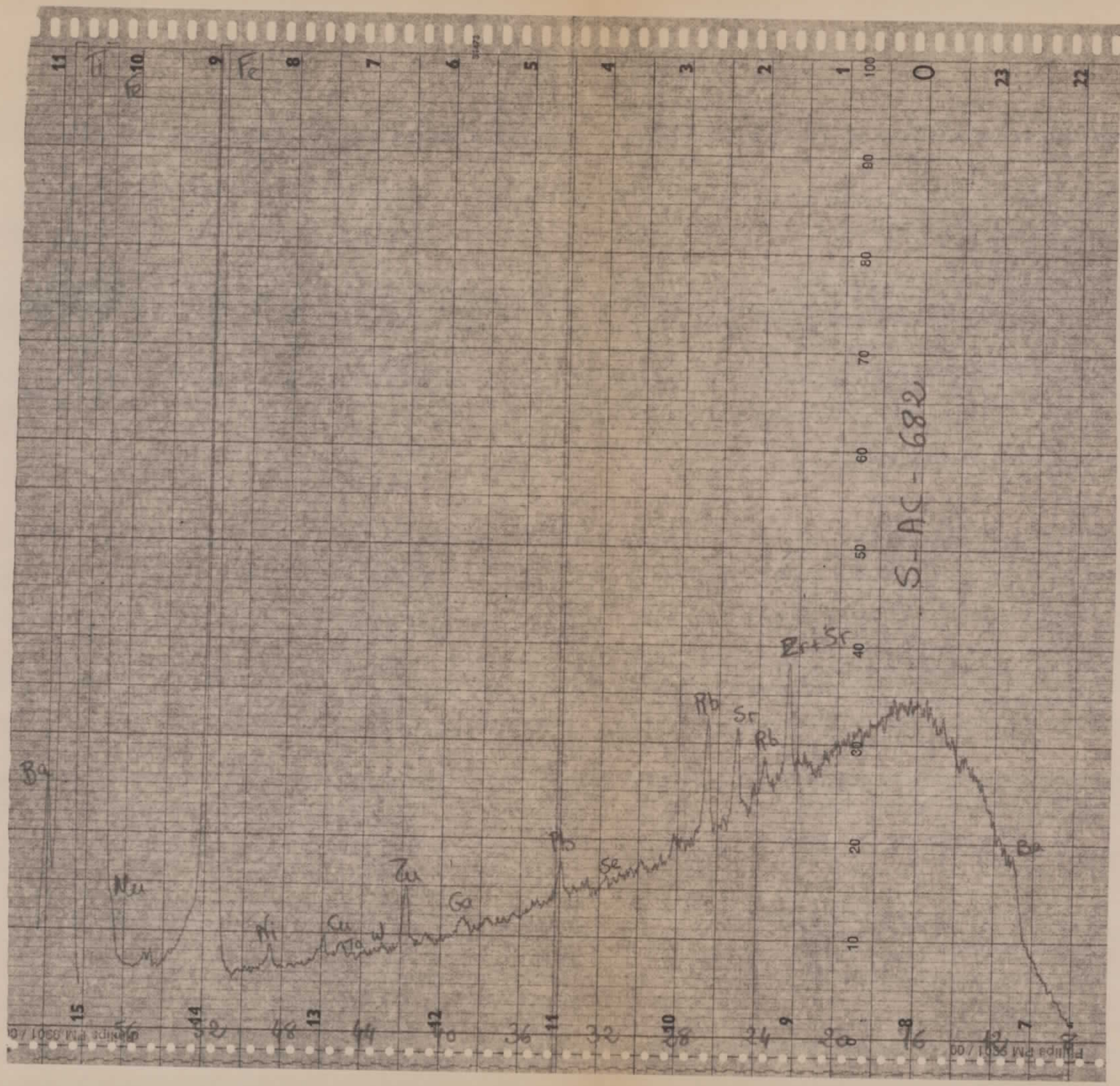

Ag
Al
Mg
Si
S
Cl
K
Ca
Sc
Ba + Sc
Ti
Ba
Ti
Radiacion tubo R-X
Radiacion tubo R-X
Fe
Mn
Co
Ni
Cu
Zn
Pb
Br
Rb
Sr
Zr + Sr
Ag
Ba
10 20 30 40 50 60 70 80 90 100
S-AC-98-A (678)
Elementos detectados:
Ba-Ag-Zr-Sr-Rb-Br-Pb-Zn-Cu-K-Ca
Fe-Co-Mn-Ti-Sc-Ca-K-P-S-Si-Cl-Mg-Al

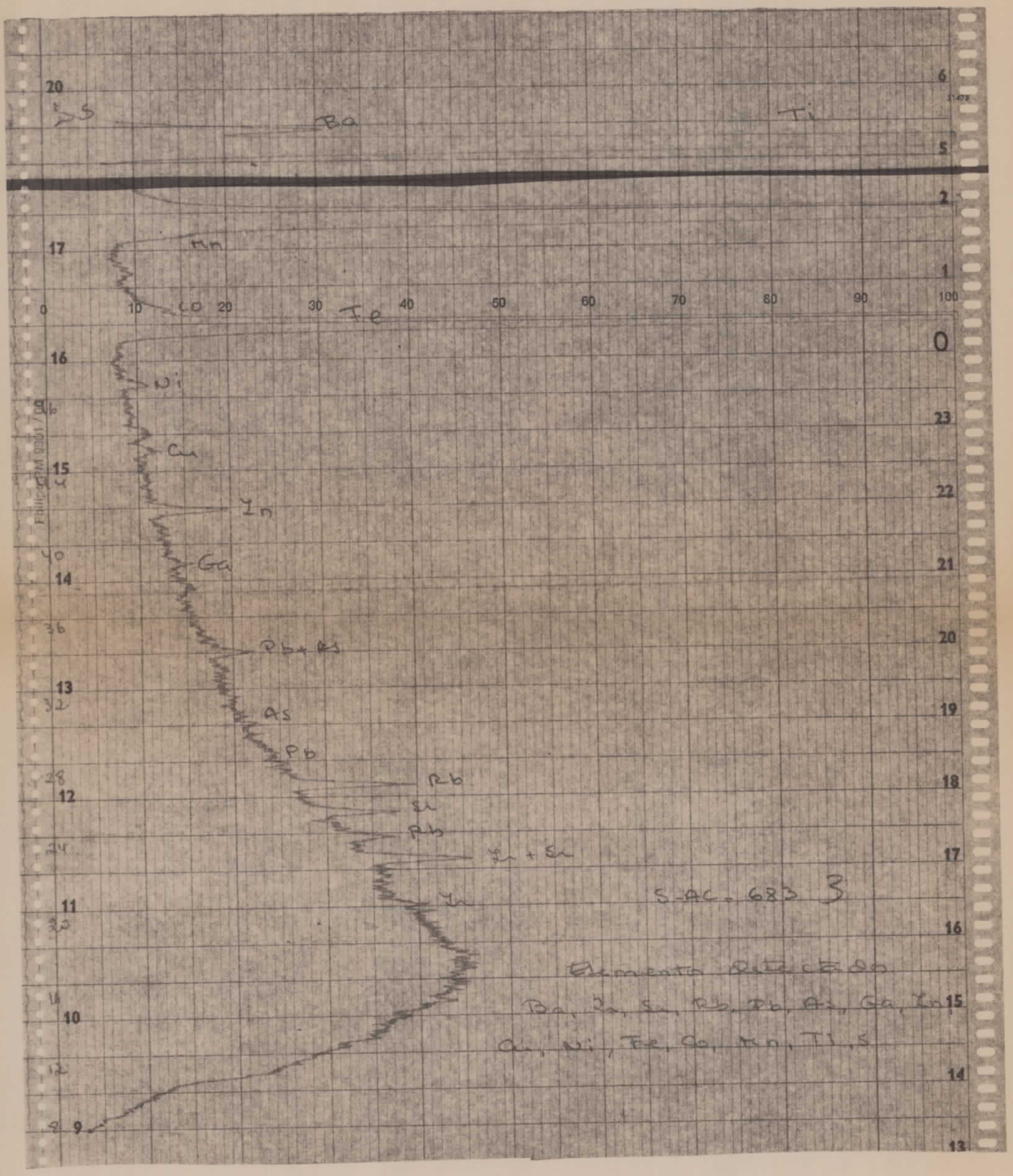

Radiacion tubo R.X
Radiacion tubo R.X
S-AC-98-A
Elementos detectados:
Ba-Ag-Zr-Sr-Rb-Br-Pb-Zn-Cu-Ni
Fe-Co-Mn-Ti-Sc-Ca-K-P-S-Si-Cl-Mg-Al

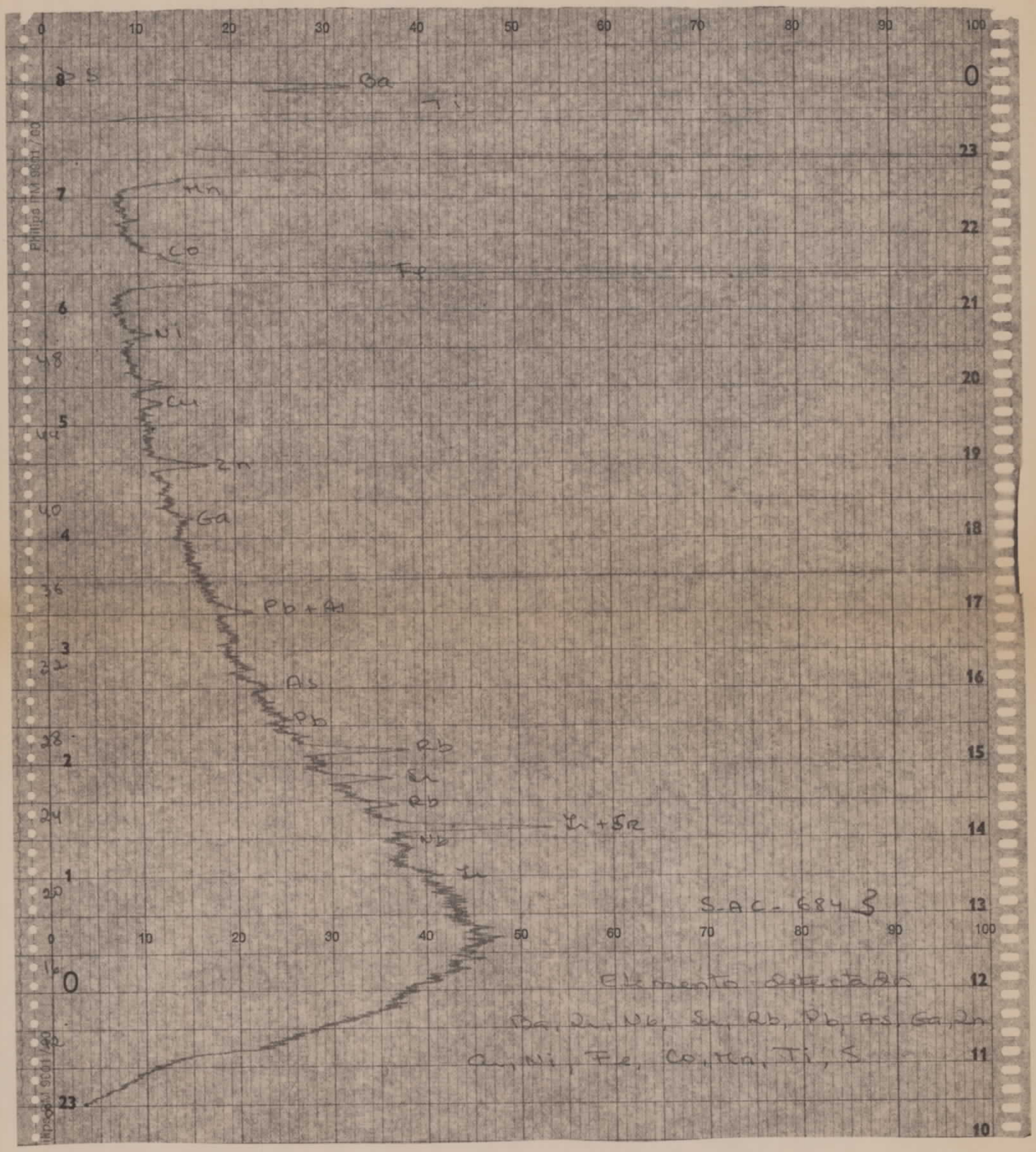

Sr
Ba
Ti
Zn
Co
Fe
Ni
Cu
Zn
Ga
Zn
Pb + As
As
Pb
Rb
Sr
Rb
Y + Sr
Y
Sb
Ba
S.AC. 679 3
Elementos detectados:
Ba, Sb, Y, Sr, Rb, Pb, As, In, Cd, W
Cl, V, Fe, Co, Ni, Ti, S

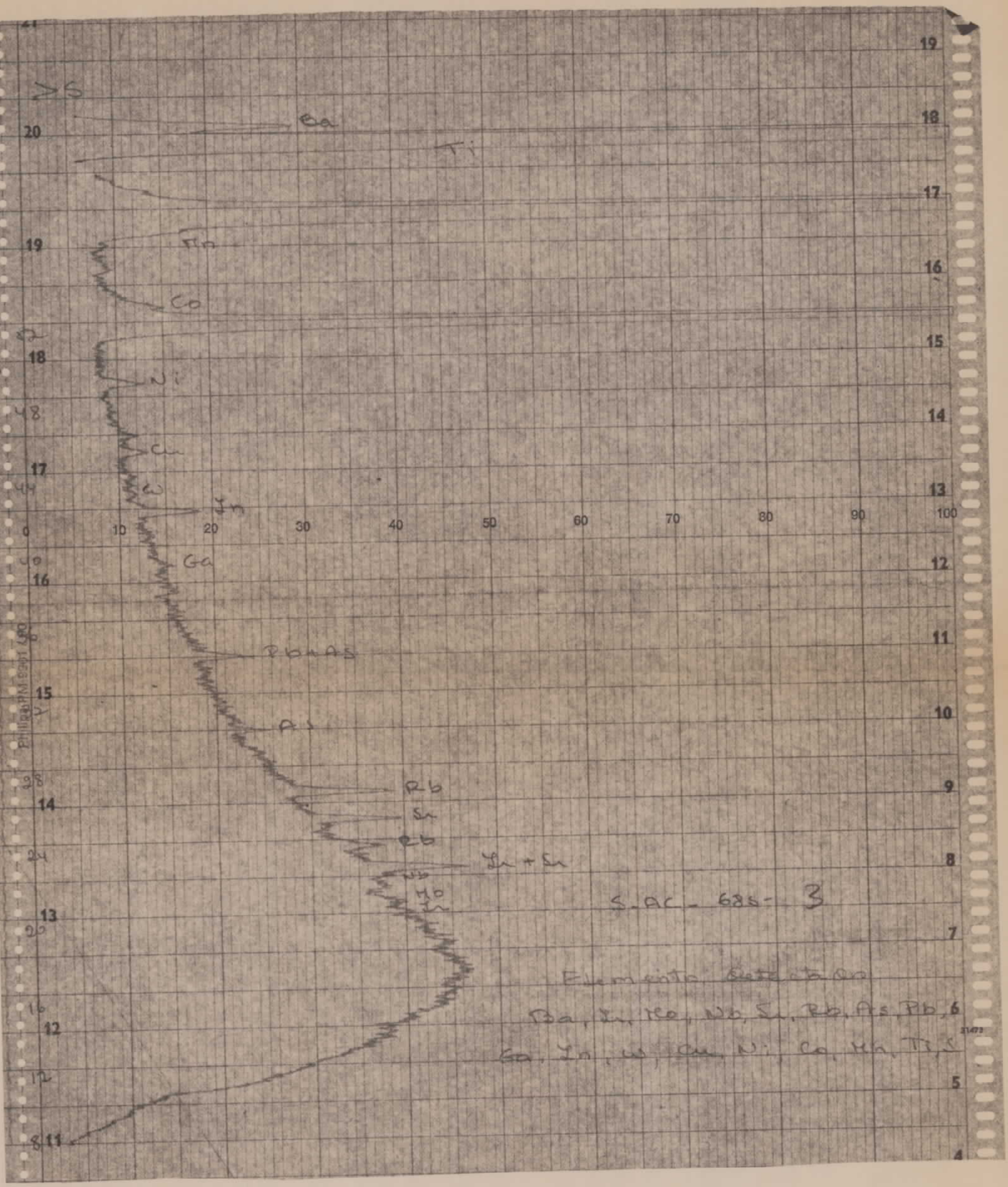

Sr
Ba
Ti
Mn
Co
Fe
Ni
Cu
Zn
Ga
Pb + As
As
Pb
Rb
Sr
Rb
Y + Zr
S.AC - 680 B
Elementos detectados
Ba, Y, Sr, Rb, Pb, As, Ga, Zn,
Cu, Ni, Fe, Co, Mn, Ti, S
10
20
30
40
50
60
70
80
90
100

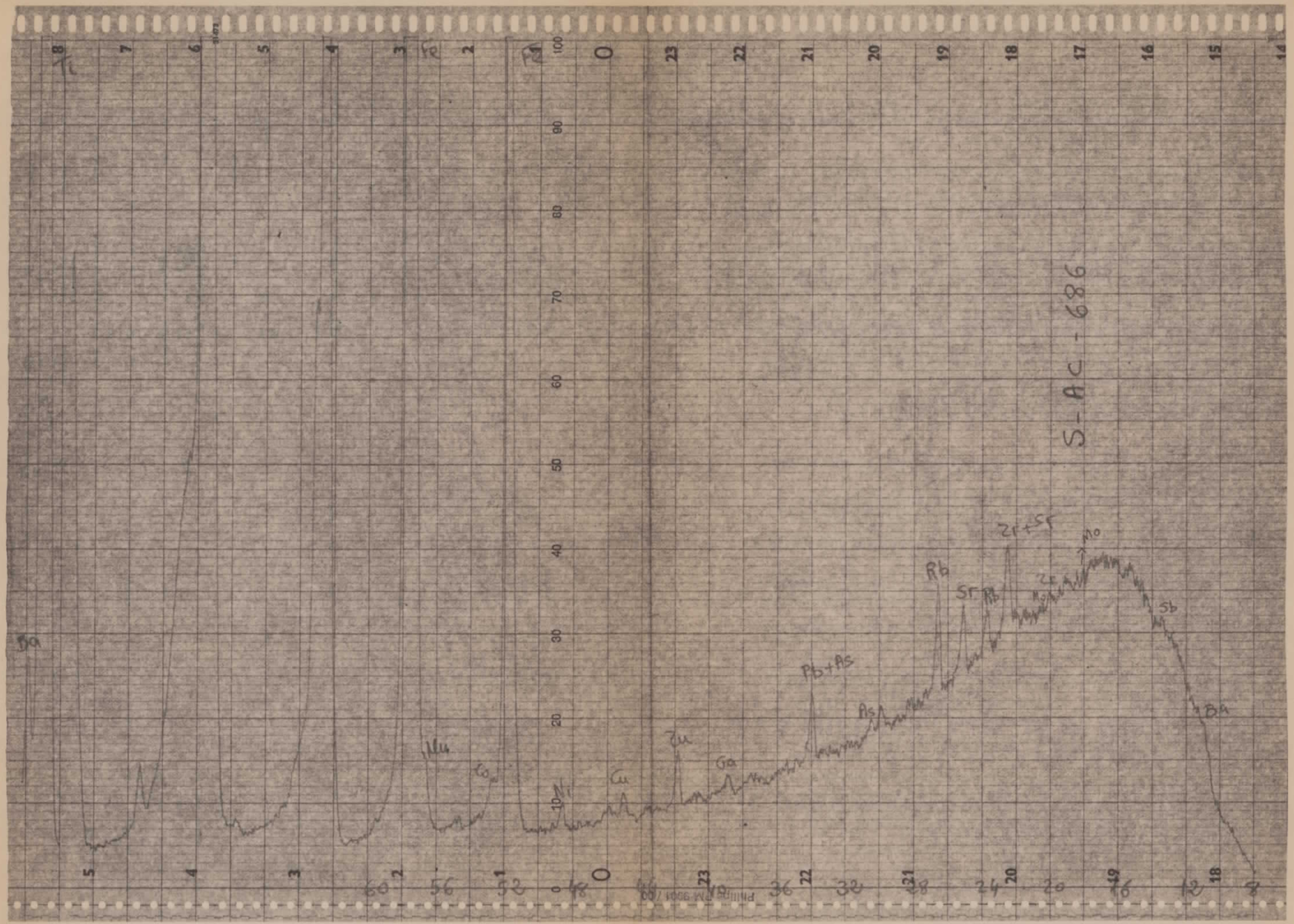

S-AC-681
Ba
Nu
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr, Sr
Rb
Zr
Ag
Te
Ba

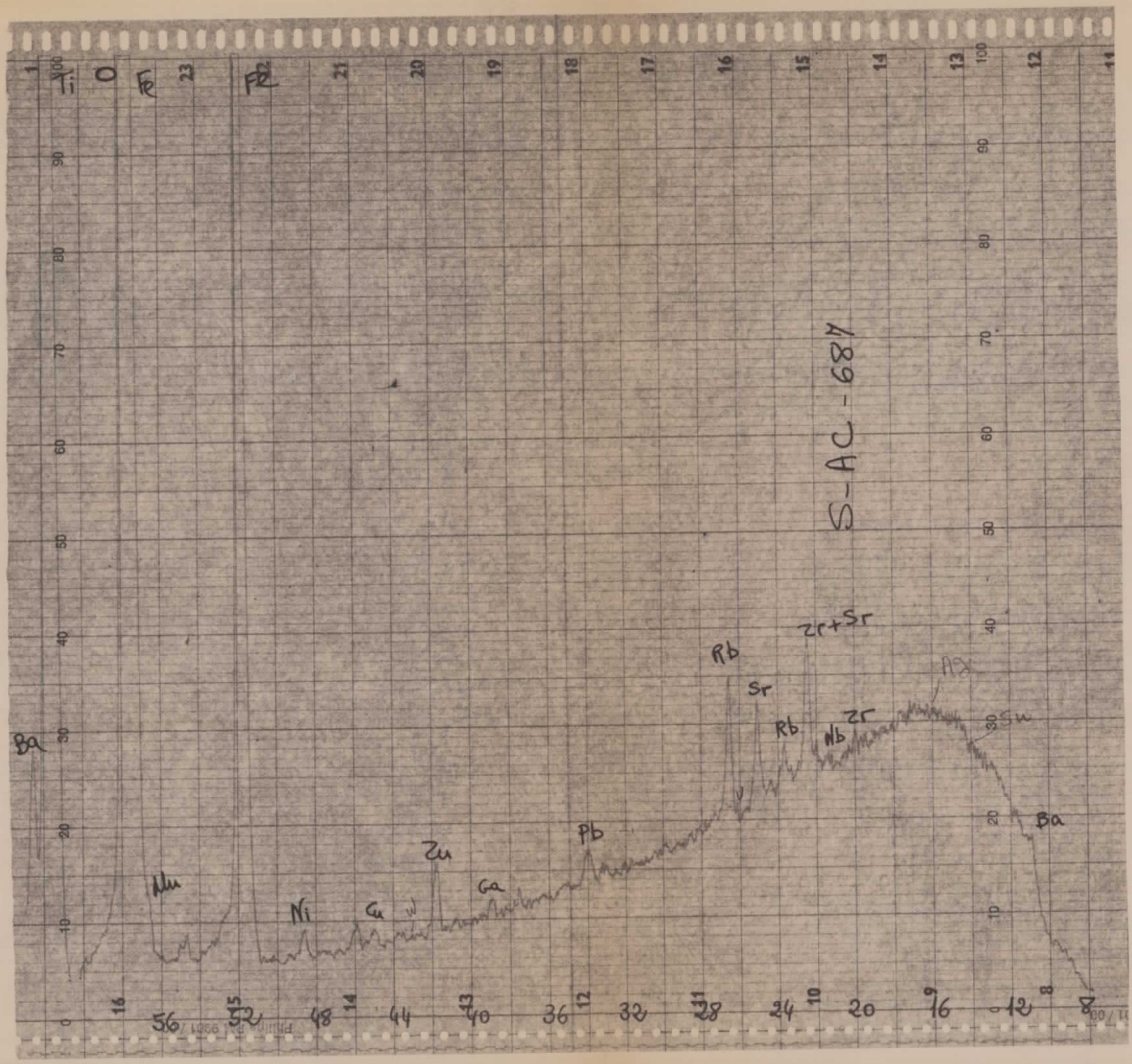

Fe
Ba
Ni
Cu
Zn
Ga
Pb
Se
Rb
Sr
Rb
Sr
Ba
AC-682

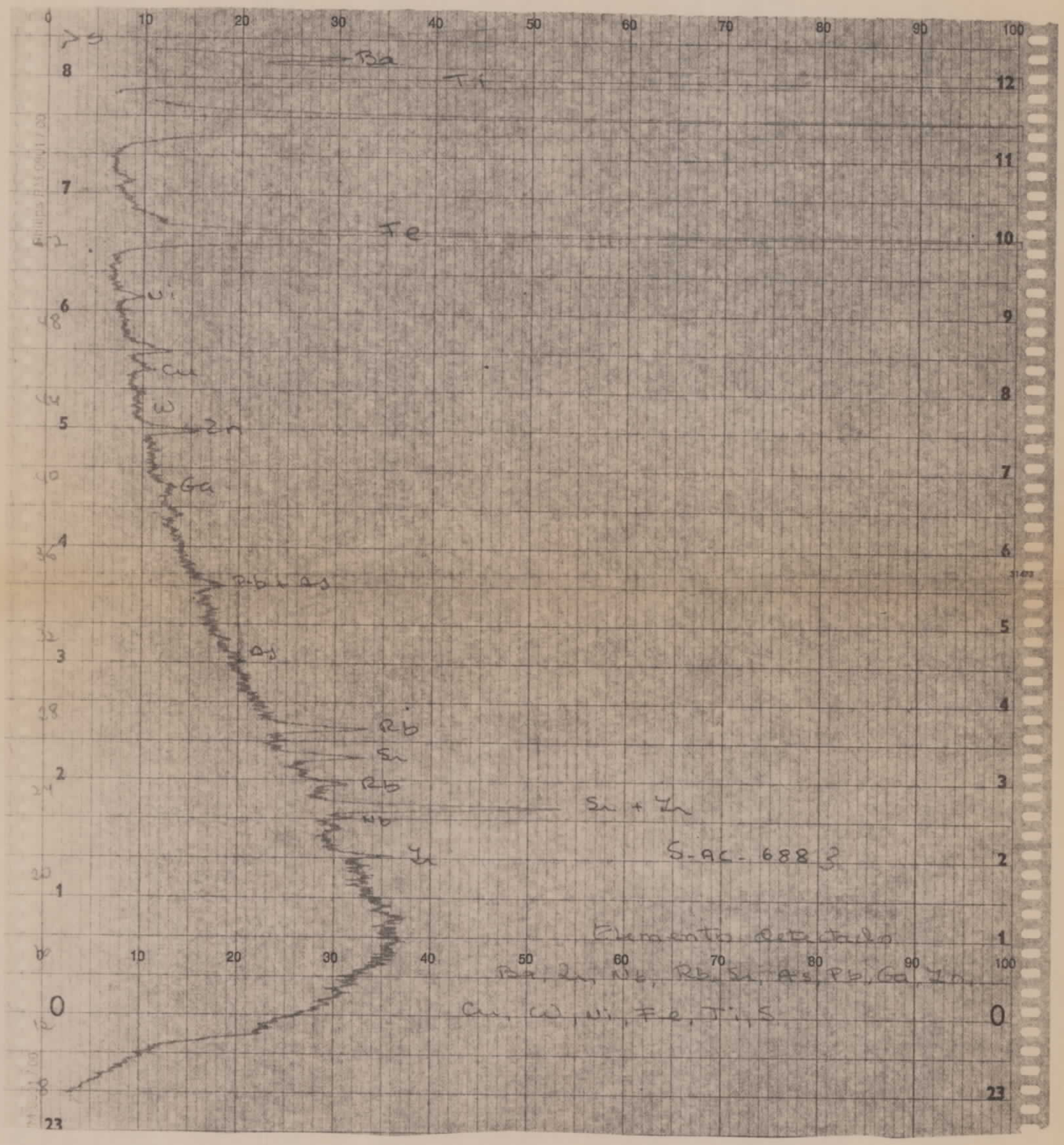

Ba
Ti
Mn
Te
0 10 20 30 40 50 60 70 80 90 100
Ni
Cu
Ga
Pb + As
As
Pb
Rb
Sr
Pb
Y + Sr
Y
S-AC-683 3
Elementos detectados
Ba, Ti, Sr, Rb, Pb, As, Ga, Zn,
Cu, Ni, Fe, Co, Mn, Ti, S

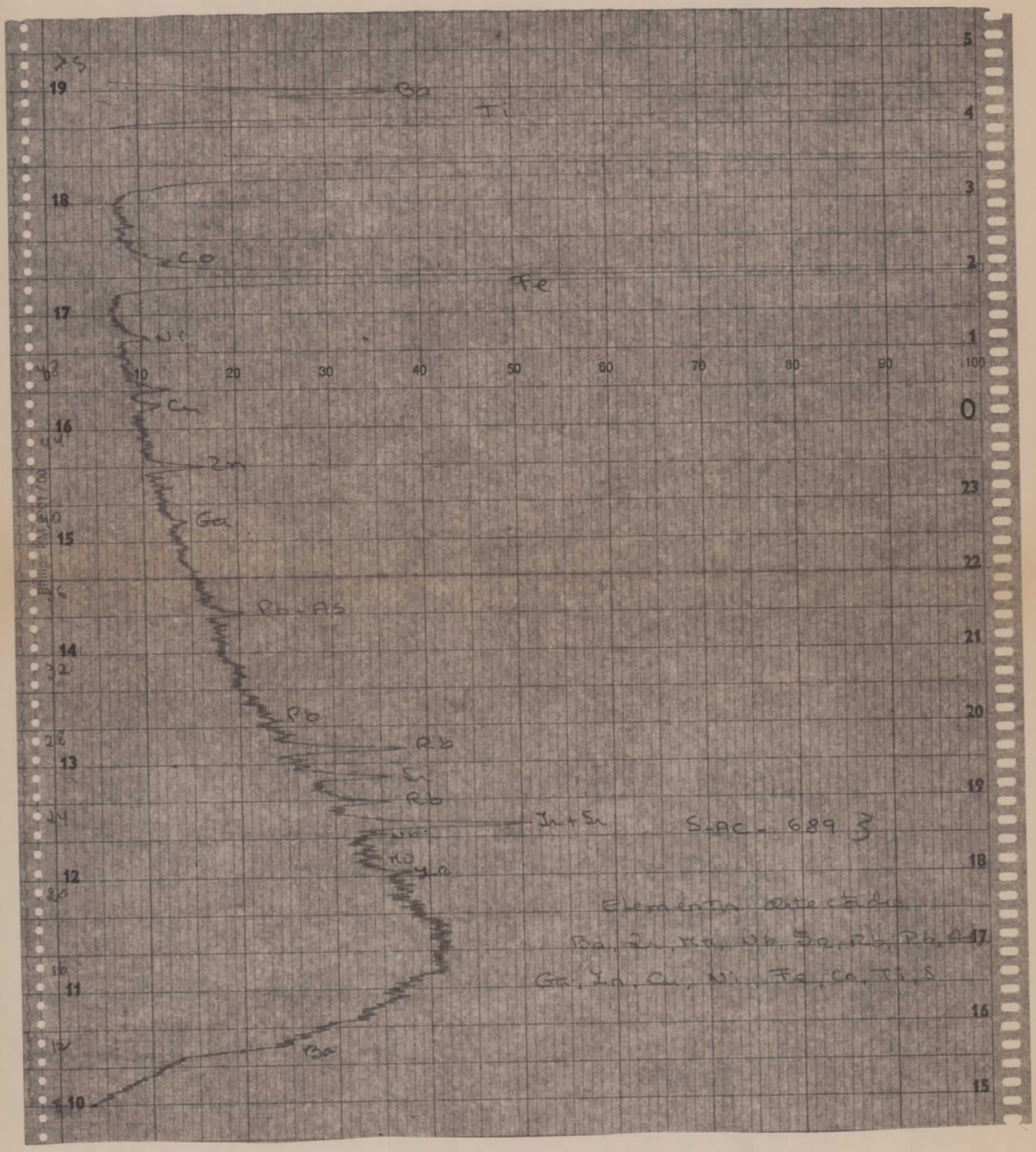

Sr
Ba
Ti
Mn
Co
Fe
Ni
Cu
Zn
Ga
Pb + As
As
Pb
Rb
Rb
Th + Sr
Th
S-AC-684 S
Elemento detectado
Ba, Zn, Nb, Sr, Rb, Pb, As, Ga, Zn
Cu, Ni, Fe, Co, Mn, Ti, S

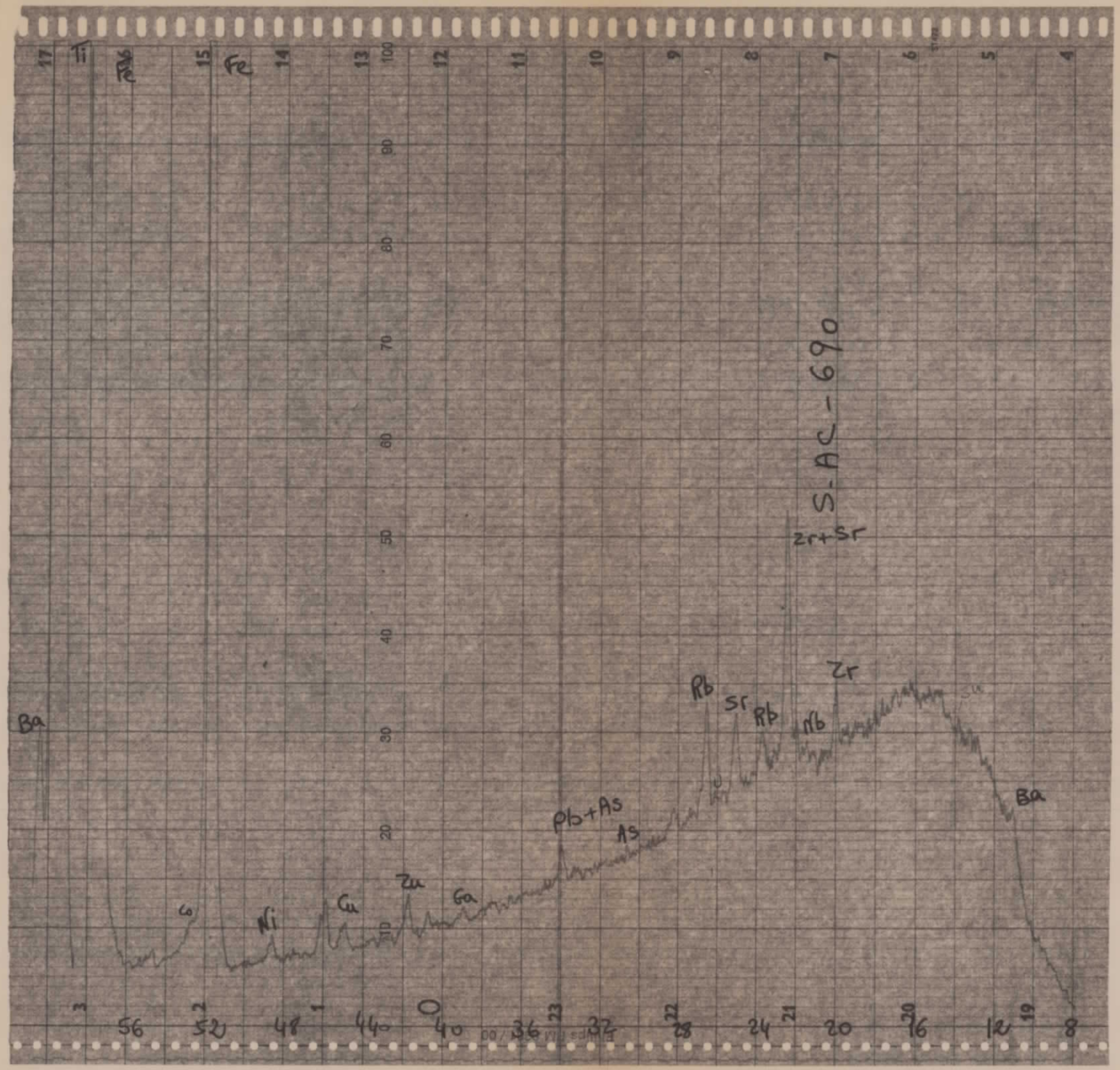

Ba
Ti
Fe
Co
Ni
Cu
Zn
Ga
Pb+As
As
Rb
Sr
Zr
Y+Sr
Nb
Zr
S_ac_685-3
Elementi Detti in ordine
Ba, Zr, Fe, Nb, Sr, Rb, As, Pb,
Ga, Zn, W, Cu, Ni, Co, Mn, Ti,
0 10 20 30 40 50 60 70 80 90 100

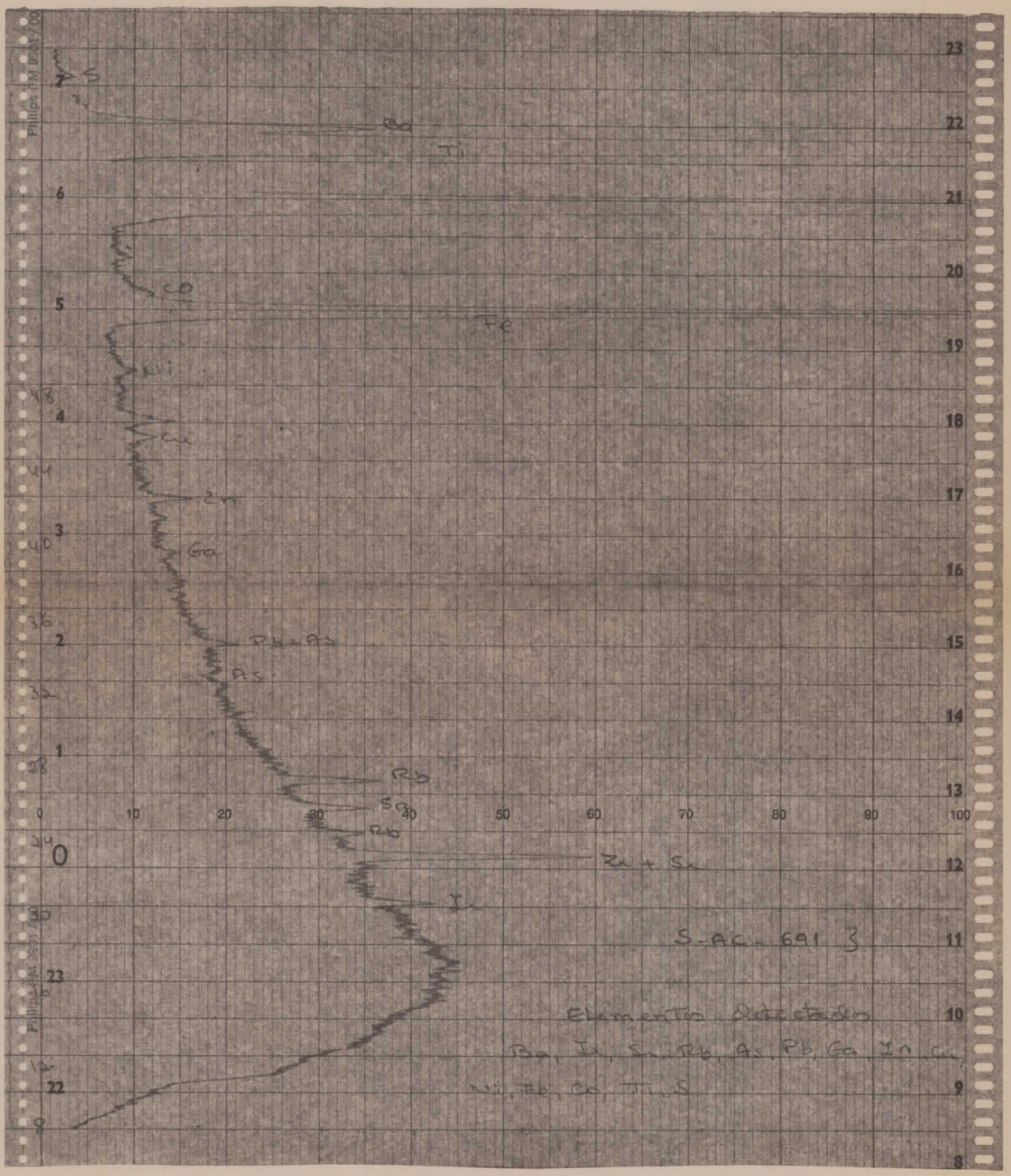

S-AC-686
Ba
Mn
Co
Ni
Cu
Zn
Ga
Pb+As
As
Rb
Sr
Rb
Zr+Sr
Mo
Zr
Sb
Ba

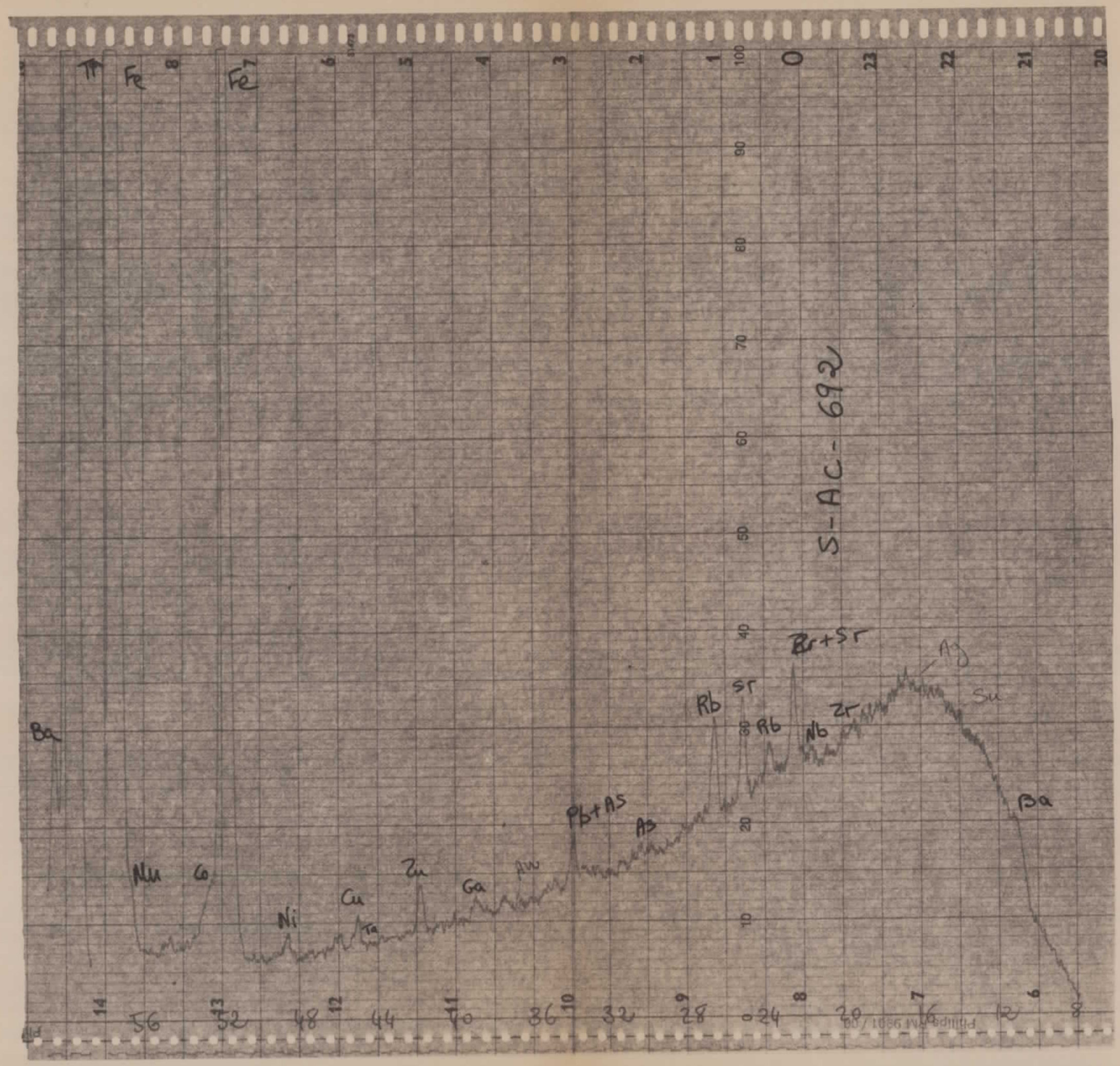

S-AC-687
Ba
Mn
Ni
Cu
Zn
Ga
Pb
Rb
Sr
Rb
Zr+Sr
Nb
Zr
Ba

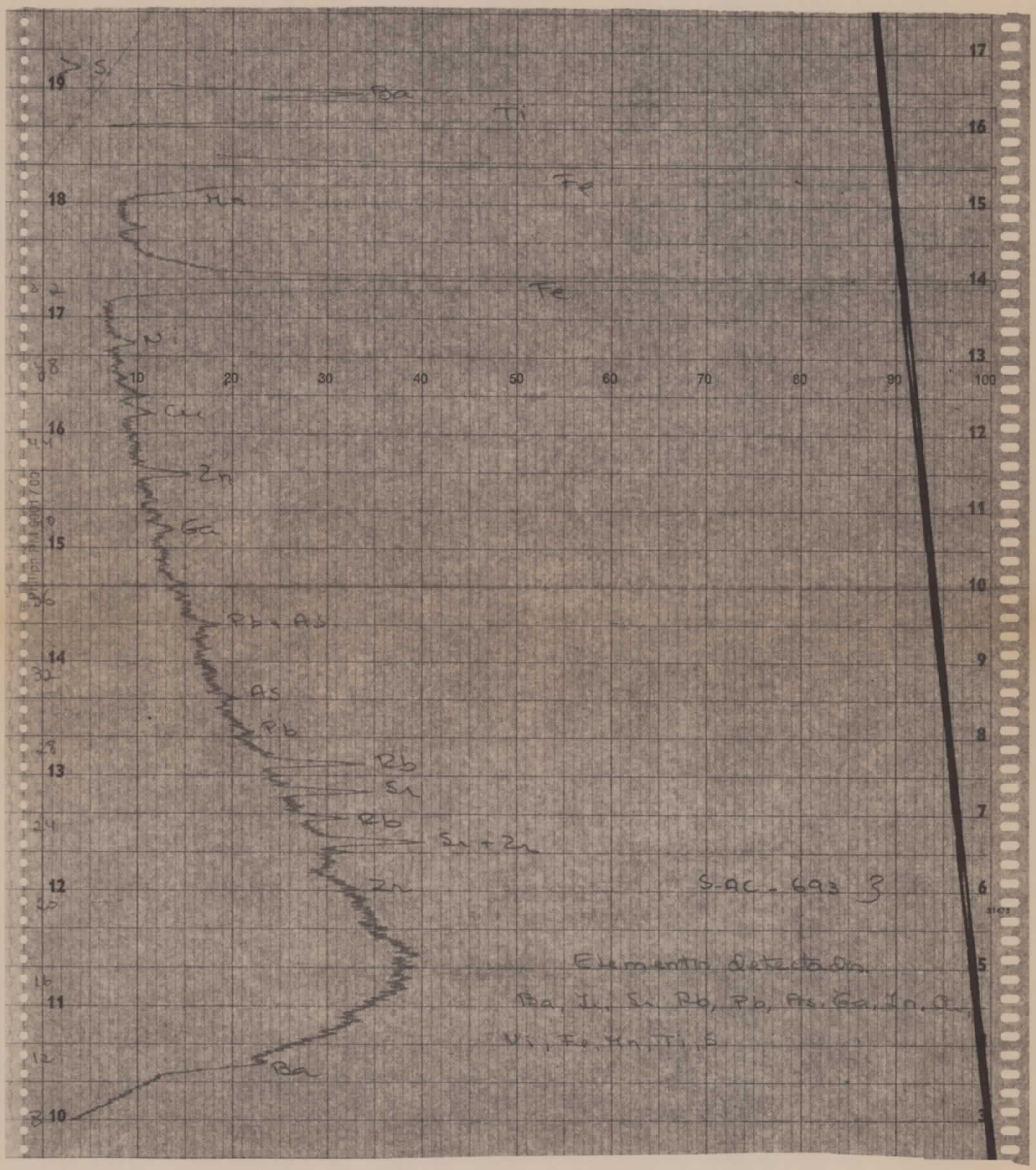

Ba
Ti
Fe
Cu
Zn
Ga
Rb
Sr
Rb
Sr + Y
Y
S-9C-688 3
Elemento detectado
Ba, Zn, Nb, Rb, Sr, As, Pb, Ga, Zn,
Cu, Cu, Ni, Fe, Ti, S

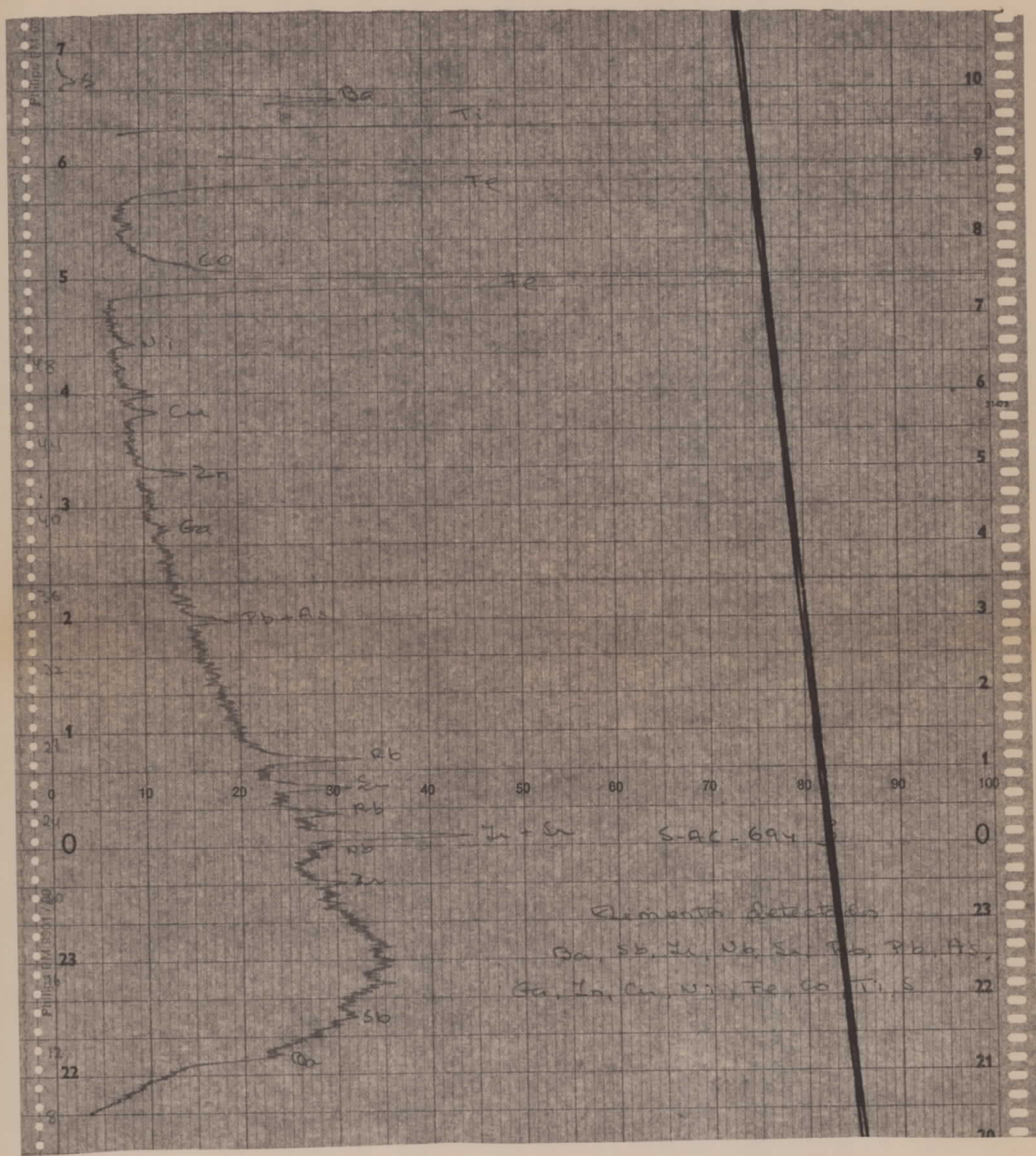

Mo
Ti
Co
Fe
Cu
Zn
Ga
Pb - As
Pb
Rb
Sr
Rb
In + Sn
Ba
S-AC-689
Elementos detectados
Ba, Zr, Mo, Nb, Sn, Rb, Pb, As
Ga, Zn, Cu, Ni, Fe, Co, Ti, S


17
Ti
Fe
15
Fe
14
13
12
11
10
9
8
7
6
5
4
100
90
80
70
60
50
40
30
20
10
S-AC-690
Zr+Sr
Ba
Ni
Cu
Zn
Ga
Pb+As
As
Rb
Sr
Rb
Nb
Zr
Ba
3
56
2
52
48
1
44
0
40
36
23
32
22
28
24
21
20
20
16
12
19
8

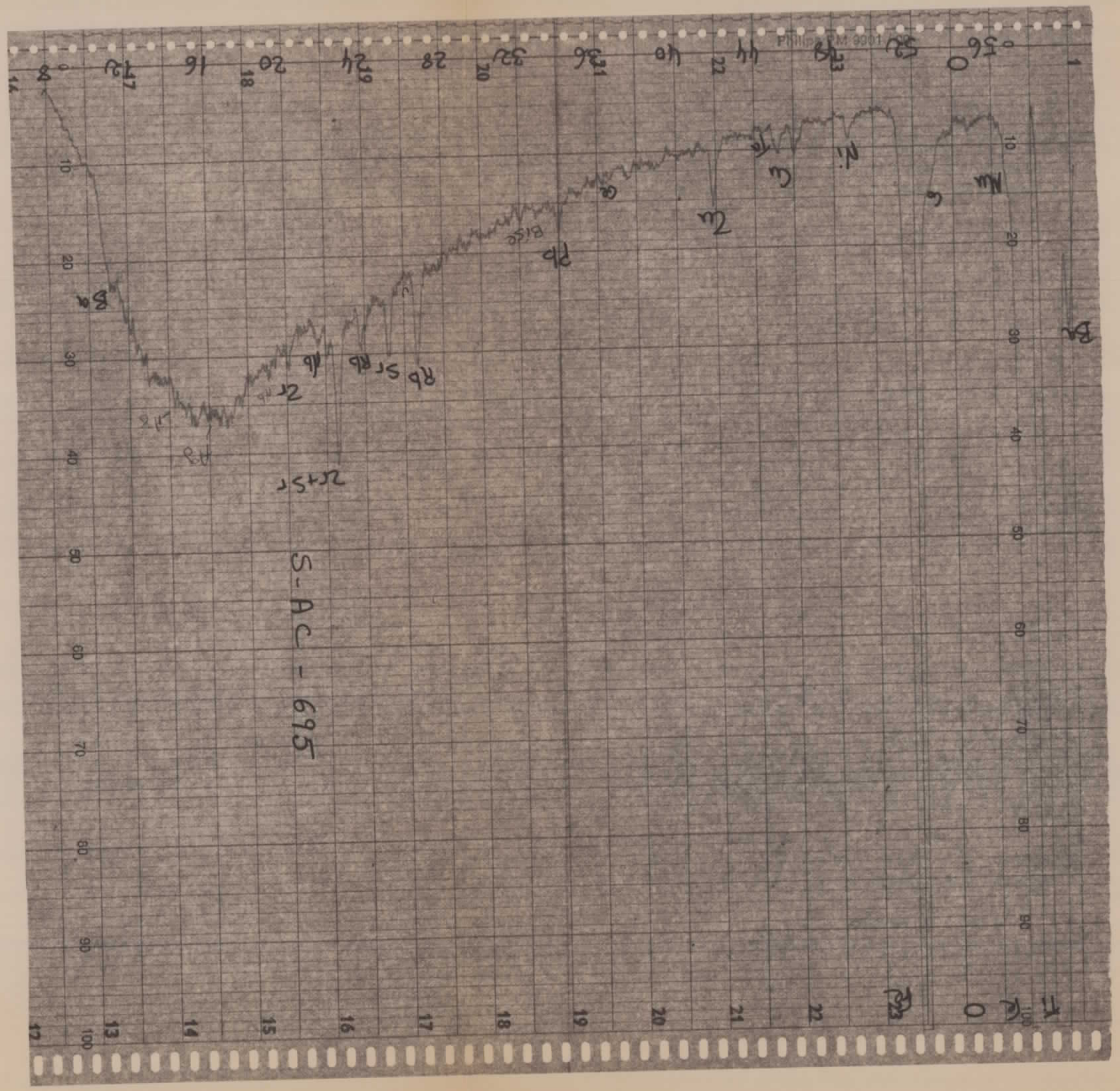

Ti
Fe
Zn + Sn
S-AC-691 3
Elementos detectados
Ba, Ti, Sn, Rb, As, Pb, Ga, In, Cu,
Ni, Fe, Co, Ti, S

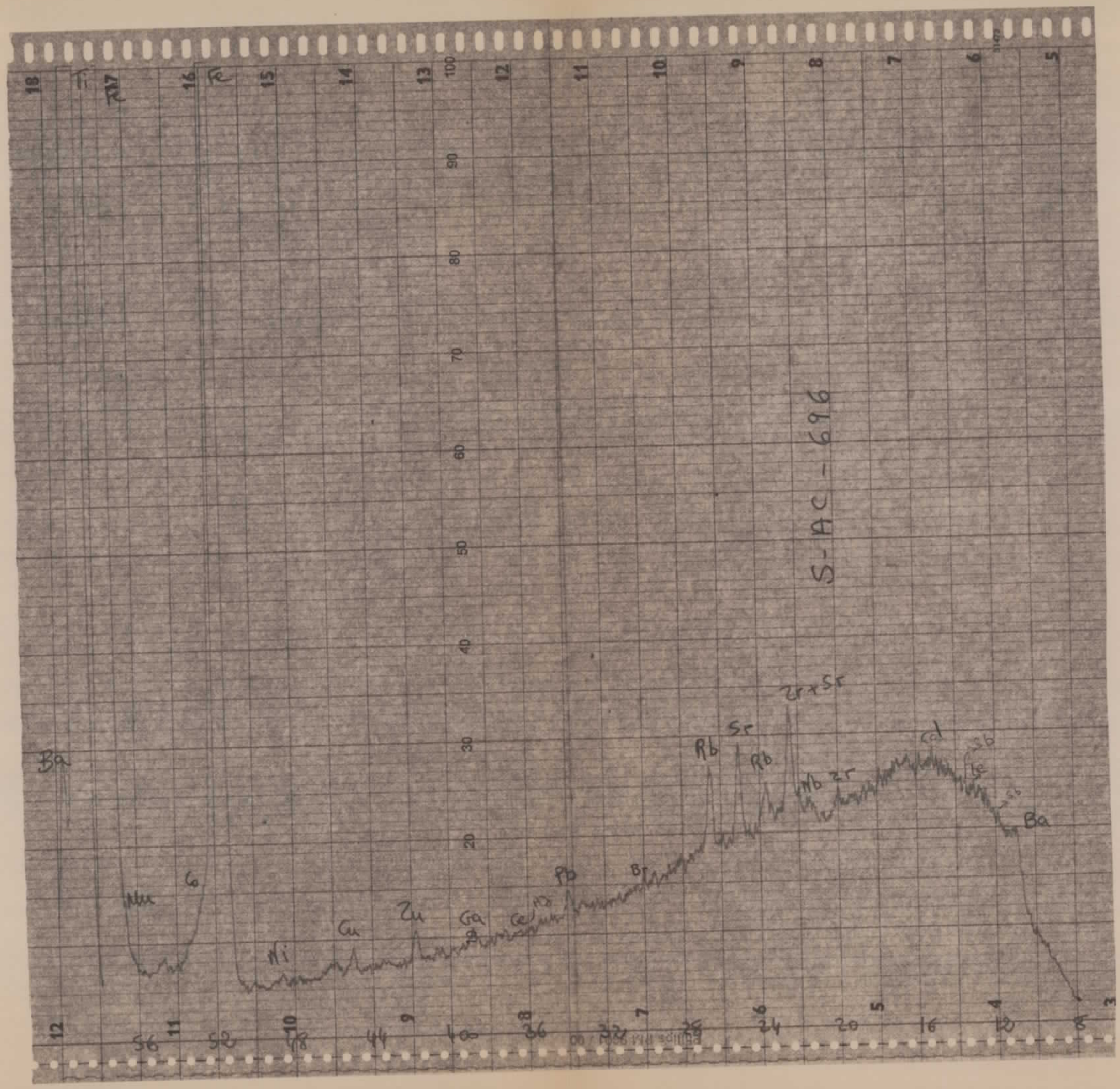

Fe
Fe
S-AC-692
Ba
Mn
Co
Ni
Cu
Ta
Zn
Ga
Pb+As
As
Rb
Sr
Br+Sr
Rb
Nb
Zr
Ag
Sn
Ba

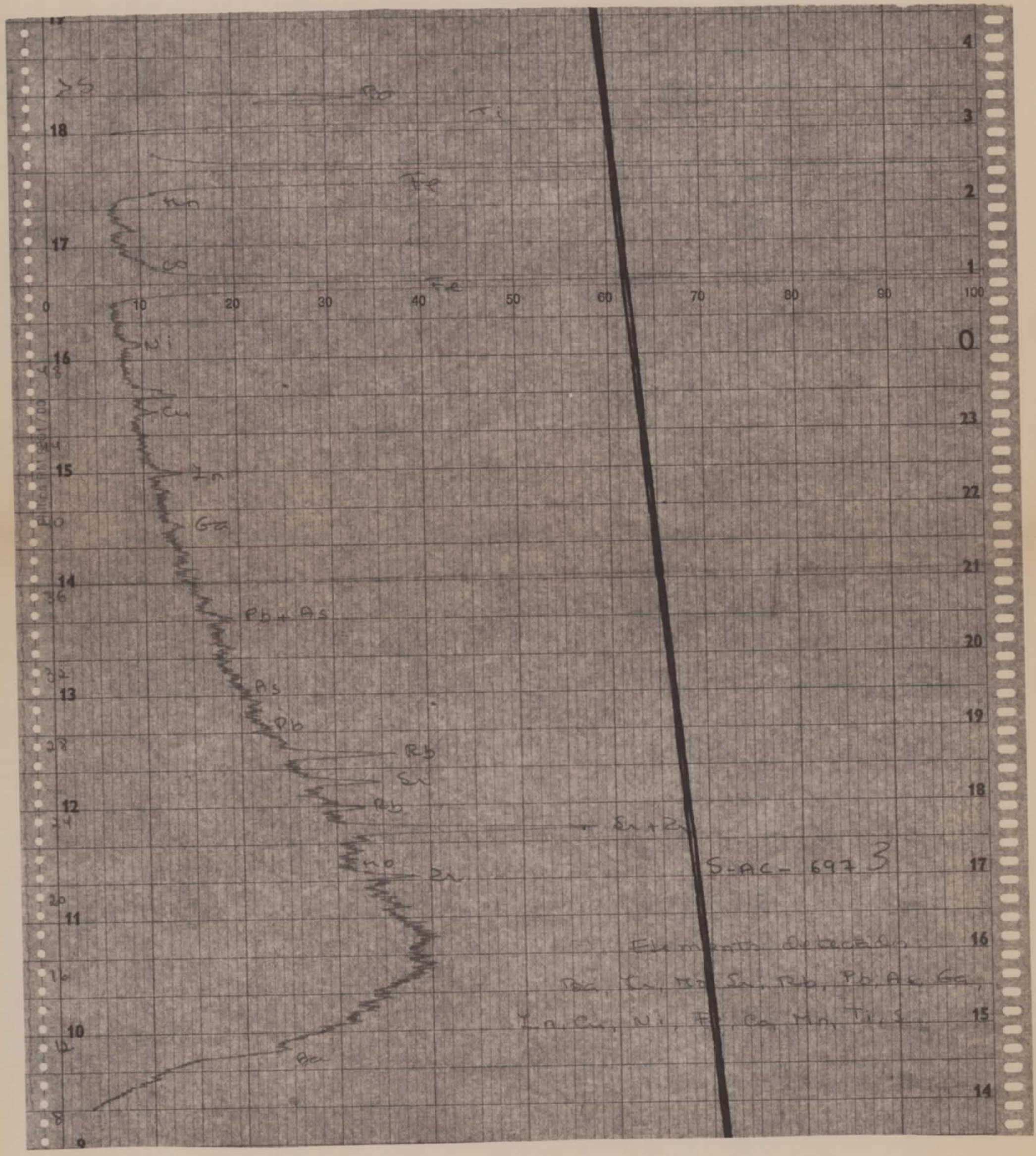

Si
Ba
Ti
Fe
Mn
Fe
Cu
Zn
Ga
Pb, As
As
Pb
Rb
Sr
Rb
Sr + Zn
Zn
Ba
S-AC-693
Elements detected.
Ba, Ti, Si, Rb, Pb, As, Ga, In, Cu, Ni, Fe, Mn, Ti, B

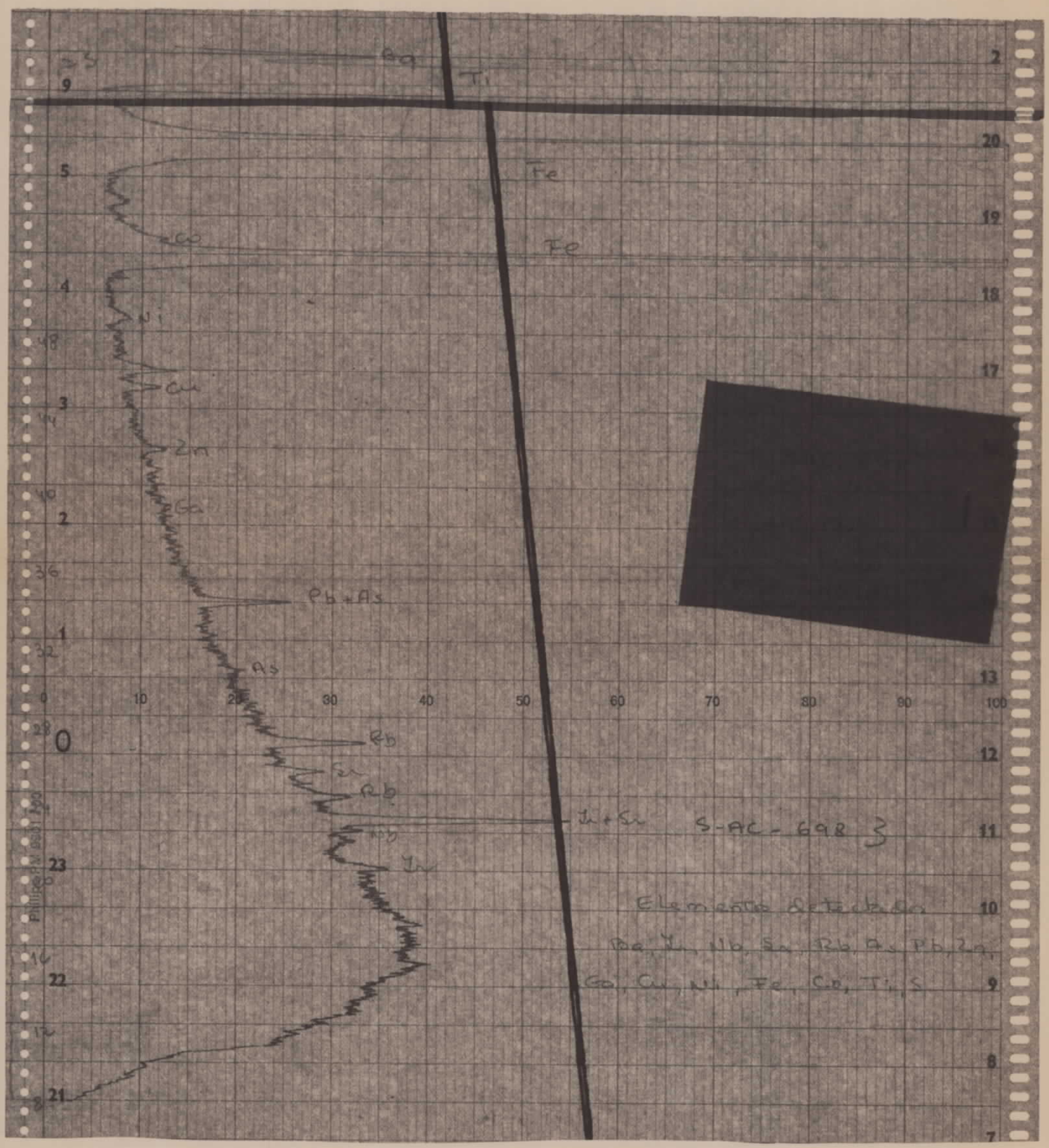


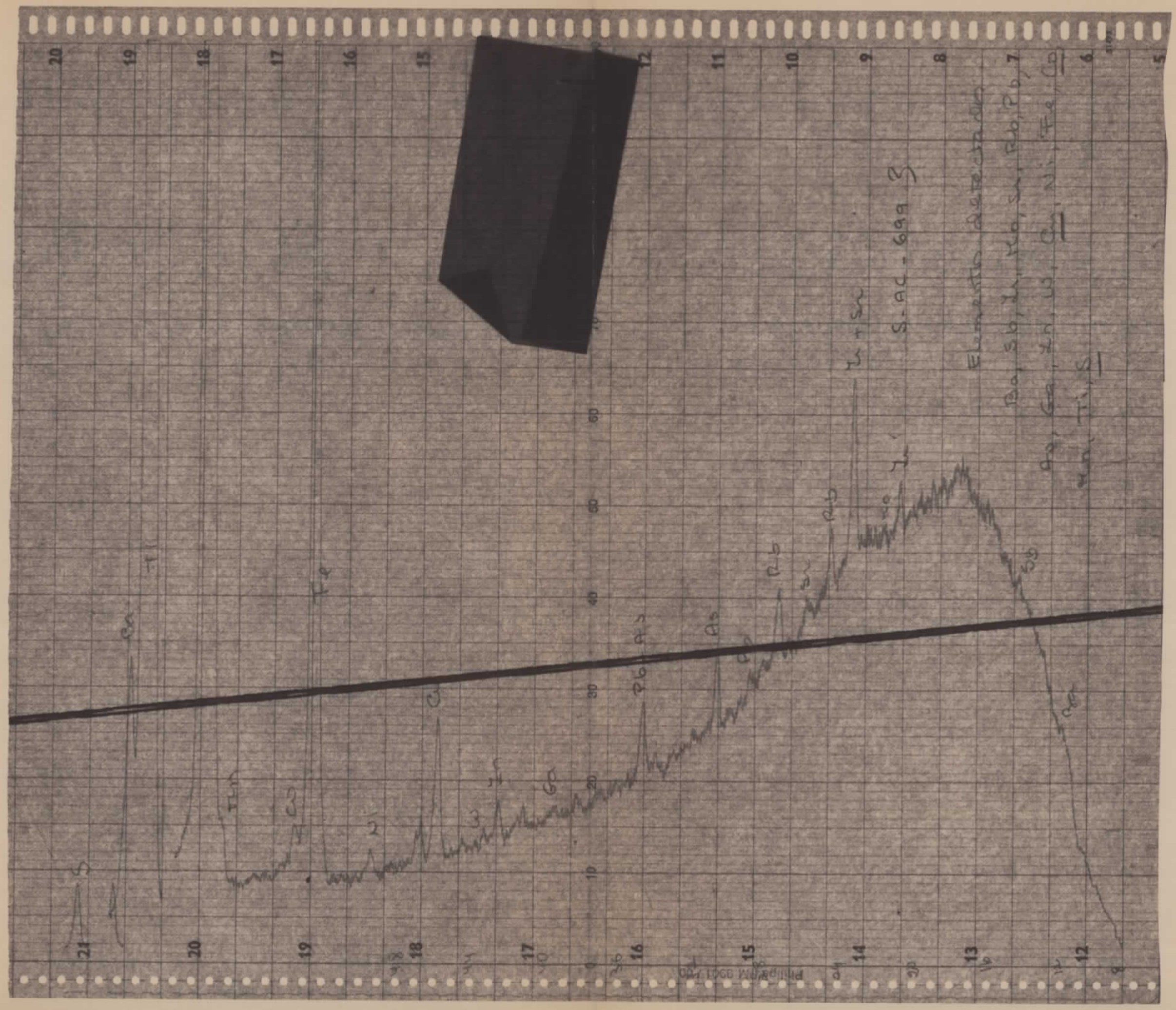
Ba
Ti
Fe
Co
Fe
Ni
Cu
Zn
Ga
Pb + As
Rb
Sr
Rb
Zr + Sr
Nb
Zr
Sb
Ba
S-AC-694
Elementos detectados
Ba, Sb, Zr, Nb, Sr, Rb, Pb, As,
Ga, Zn, Cu, Ni, Fe, Co, Ti, S

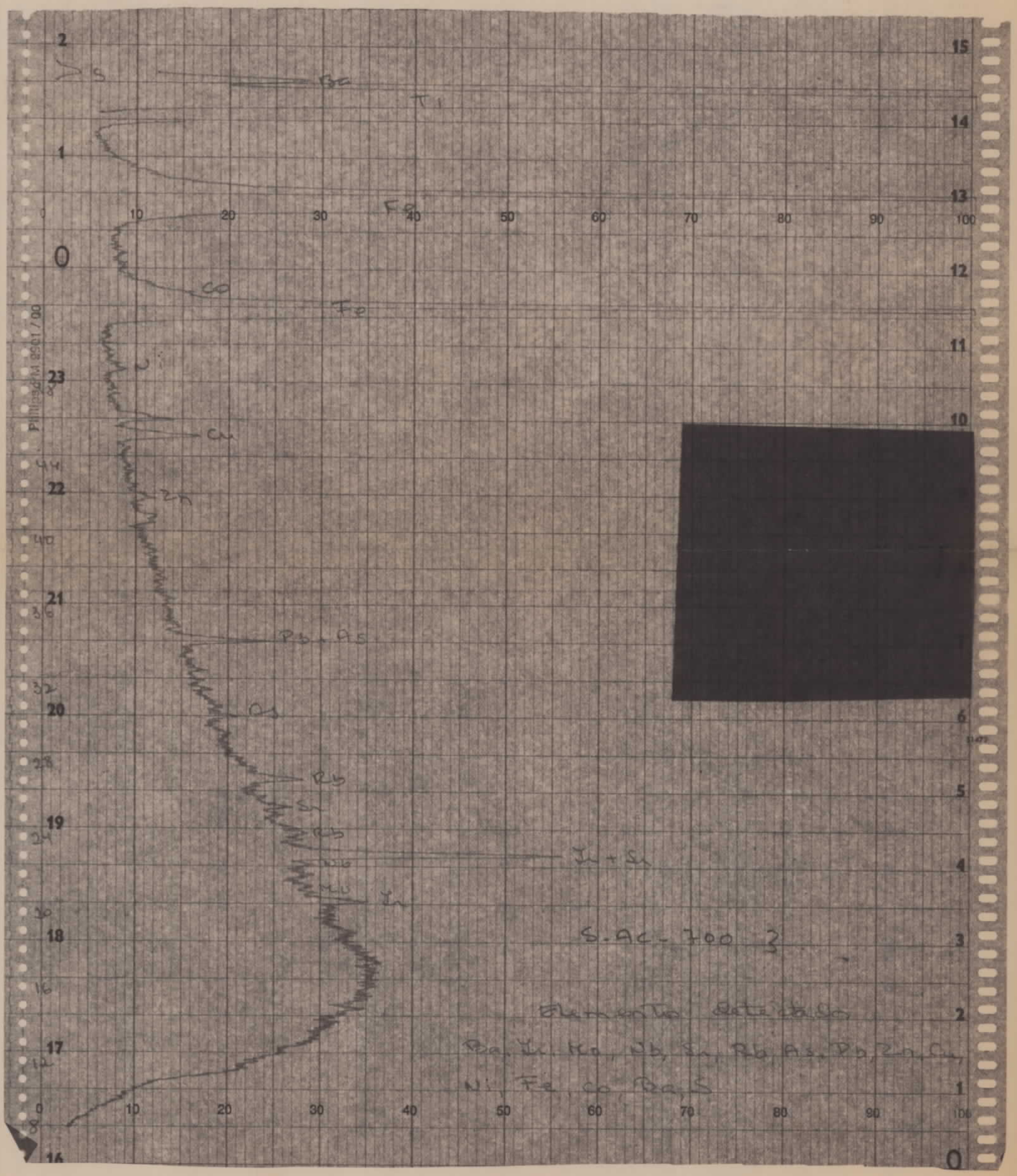

S-AC-695


S-AC-696
Ba
Ni
Cu
Zn
Ga
Ge
As
Pb
Br
Rb
Sr
Zr+Sr
Rb
Zr
Cd
Sb
Te
Sb
Ba


Mo
Ru
Ag
Cd
In
Sn
Sb
Te
I
Cs
Ba
Ce
Pr
Nd
Pm
Sm
Eu
Gd
Tb
Dy
Ho
Er
Tm
Yb
Lu
Hf
Ta
W
Re
Os
Ir
Pt
Au
Hg
Tl
Pb
Bi
Th
Pa
U
Np
Pu
Am
Cm
Bk
Cf
Es
Fm
Md
No
Lr
Rf
Db
Sg
Bh
Hs
Mt
Ds
Rg
Cn
Nh
Fl
Mc
Lv
Ts
Og
Zr
Nb
Mo
Tc
Ru
Rh
Pd
Ag
Cd
In
Sn
Sb
Te
I
Xe
Cs
Ba
La
Ce
Pr
Nd
Pm
Sm
Eu
Gd
Tb
Dy
Ho
Er
Tm
Yb
Lu
Hf
Ta
W
Re
Os
Ir
Pt
Au
Hg
Tl
Pb
Bi
Th
Pa
U
Np
Pu
Am
Cm
Bk
Cf
Es
Fm
Md
No
Lr
Rf
Db
Sg
Bh
Hs
Mt
Ds
Rg
Cn
Nh
Fl
Mc
Lv
Ts
Og
Mo + Ru
Ru + Rh
Rh + Pd
Pd + Ag
Ag + Cd
Cd + In
In + Sn
Sn + Sb
Sb + Te
Te + I
I + Xe
Xe + Cs
Cs + Ba
Ba + La
La + Ce
Ce + Pr
Pr + Nd
Nd + Pm
Pm + Sm
Sm + Eu
Eu + Gd
Gd + Tb
Tb + Dy
Dy + Ho
Ho + Er
Er + Tm
Tm + Yb
Yb + Lu
Lu + Hf
Hf + Ta
Ta + W
W + Re
Re + Os
Os + Ir
Ir + Pt
Pt + Au
Au + Hg
Hg + Tl
Tl + Pb
Pb + Bi
Bi + Th
Th + Pa
Pa + U
U + Np
Np + Pu
Pu + Am
Am + Cm
Cm + Bk
Bk + Cf
Cf + Es
Es + Fm
Fm + Md
Md + No
No + Lr
Lr + Rf
Rf + Db
Db + Sg
Sg + Bh
Bh + Hs
Hs + Mt
Mt + Ds
Ds + Rg
Rg + Cn
Cn + Nh
Nh + Fl
Fl + Mc
Mc + Lv
Lv + Ts
Ts + Og
Zr + Nb
Nb + Mo
Mo + Tc
Tc + Ru
Ru + Rh
Rh + Pd
Pd + Ag
Ag + Cd
Cd + In
In + Sn
Sn + Sb
Sb + Te
Te + I
I + Xe
Xe + Cs
Cs + Ba
Ba + La
La + Ce
Ce + Pr
Pr + Nd
Pm + Sm
Sm + Eu
Eu + Gd
Gd + Tb
Tb + Dy
Dy + Ho
Ho + Er
Er + Tm
Tm + Yb
Yb + Lu
Lu + Hf
Hf + Ta
Ta + W
W + Re
Re + Os
Os + Ir
Ir + Pt
Pt + Au
Au + Hg
Hg + Tl
Tl + Pb
Pb + Bi
Bi + Th
Th + Pa
Pa + U
U + Np
Np + Pu
Pu + Am
Am + Cm
Cm + Bk
Bk + Cf
Cf + Es
Es + Fm
Fm + Md
Md + No
No + Lr
Lr + Rf
Rf + Db
Db + Sg
Sg + Bh
Bh + Hs
Hs + Mt
Mt + Ds
Ds + Rg
Rg + Cn
Cn + Nh
Nh + Fl
Fl + Mc
Mc + Lv
Lv + Ts
Ts + Og
Zr + Nb
Nb + Mo
Mo + Tc
Tc + Ru
Ru + Rh
Rh + Pd
Pd + Ag
Ag + Cd
Cd + In
In + Sn
Sn + Sb
Sb + Te
Te + I
I + Xe
Xe + Cs
Cs + Ba
Ba + La
La + Ce
Ce + Pr
Pr + Nd
Nd + Pm
Pm + Sm
Sm + Eu
Eu + Gd
Gd + Tb
Tb + Dy
Dy + Ho
Ho + Er
Er + Tm
Tm + Yb
Yb + Lu
Lu + Hf
Hf + Ta
Ta + W
W + Re
Re + Os
Os + Ir
Ir + Pt
Pt + Au
Au + Hg
Hg + Tl
Tl + Pb
Pb + Bi
Bi + Th
Th + Pa
Pa + U
U + Np
Np + Pu
Pu + Am
Am + Cm
Cm + Bk
Bk + Cf
Cf + Es
Es + Fm
Fm + Md
Md + No
No + Lr
Lr + Rf
Rf + Db
Db + Sg
Sg + Bh
Bh + Hs
Hs + Mt
Mt + Ds
Ds + Rg
Rg + Cn
Cn + Nh
Nh + Fl
Fl + Mc
Mc + Lv
Lv + Ts
Ts + Og
S-AC-6973
Elements detected:
Ba, La, Ce, Nd, Sm, Rb, Pb, As, Ga,
Y, Na, Cu, Ni, Fe, Ca, Mn, Ti, S


Eq
Ti
Fe
Fe
Co
Ni
Cu
Zn
Ga
Pb + As
As
Rb
Sr
Rb
Nb
Y + Sr
Y
S-AC-698 3
Elementos detectados
Ba, Y, Nb, Sr, Rb, As, Pb, Zn,
Ga, Cu, Ni, Fe, Co, Ti, S
0
10
20
30
40
50
60
70
80
90
100




Ba
Ti
Fe
Co
Fe
Pb - Ba
Rb
Sr
Rb
Mn
In
In + Sn
S.Ac - 700 3
Elementos detectados
Ba, Ti, Ko, Nb, Sn, Rb, As, Pb, Zn, Cu,
Ni, Fe, Co, Ba, S