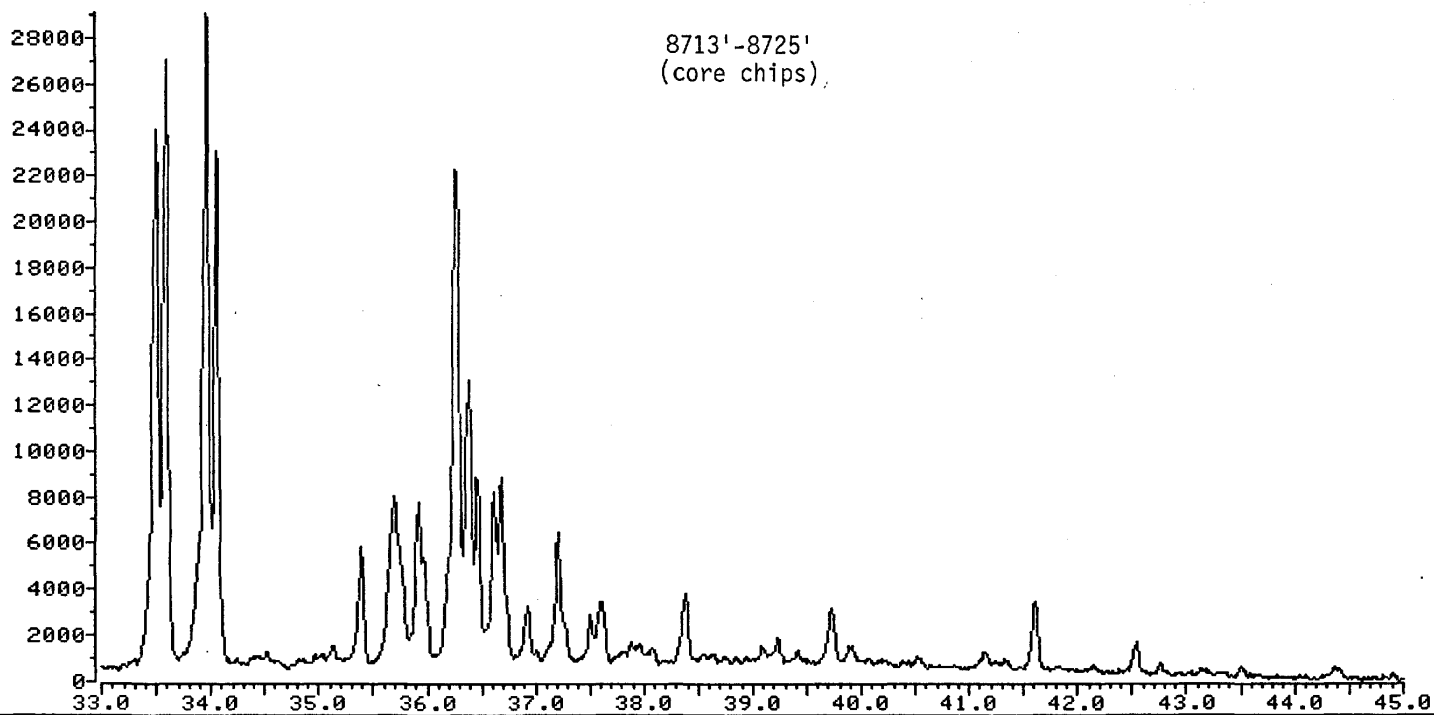
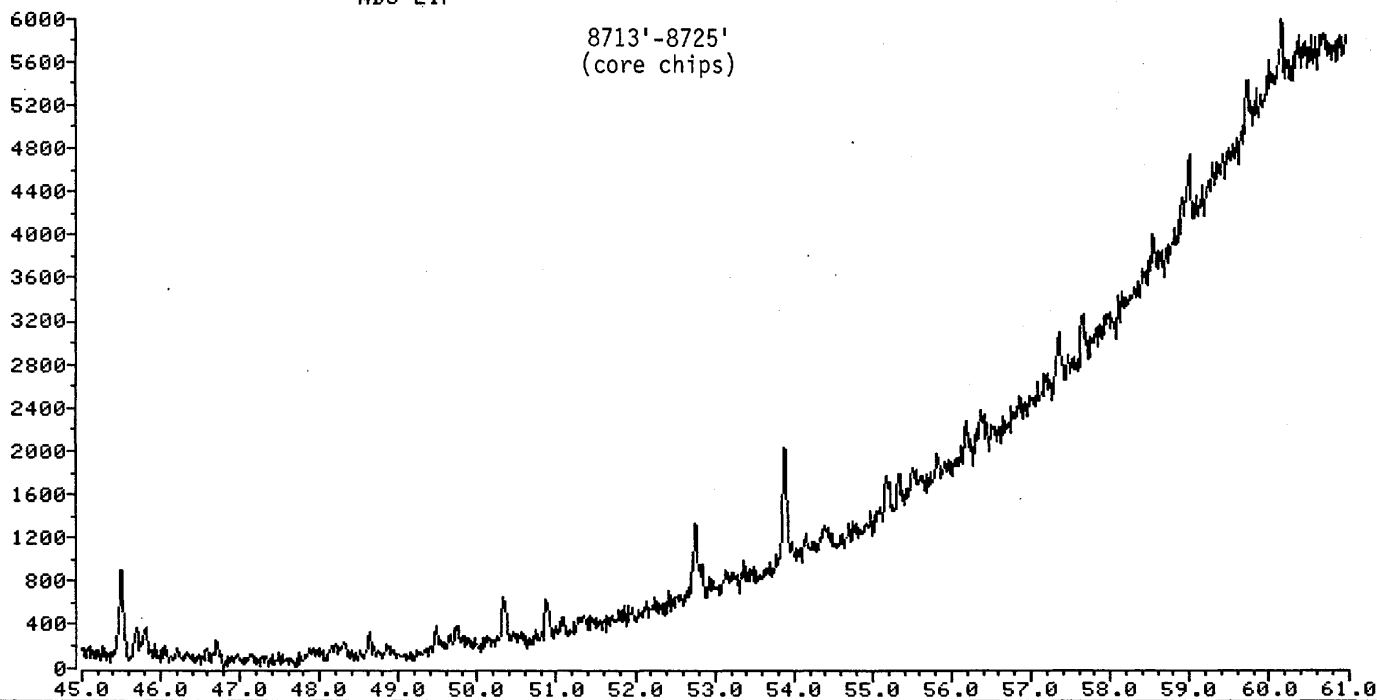


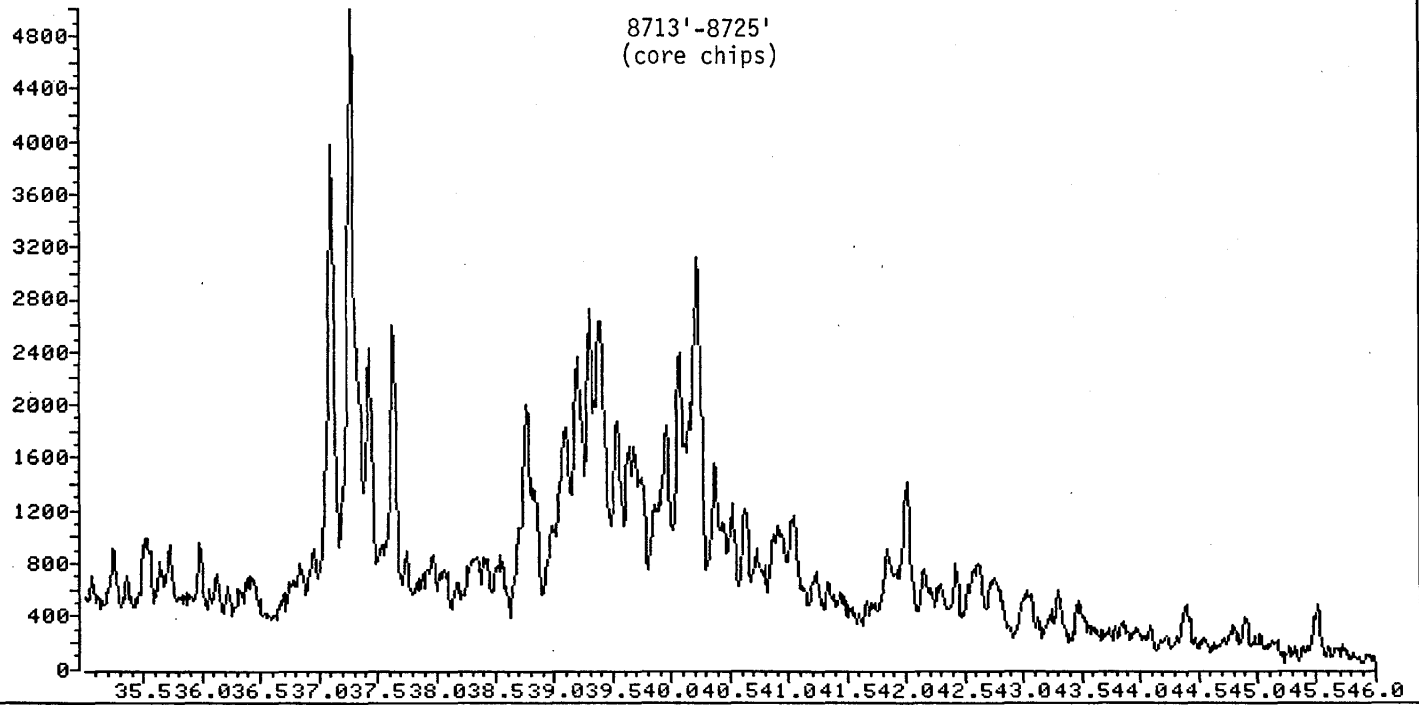
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ADC EIP



File >B0759 190.7-191.7 amu, 0.3ul CH2Cl2 extract Atigaru Pt.#1 Sadleroch. 1335 01-07-85
ADC EIP

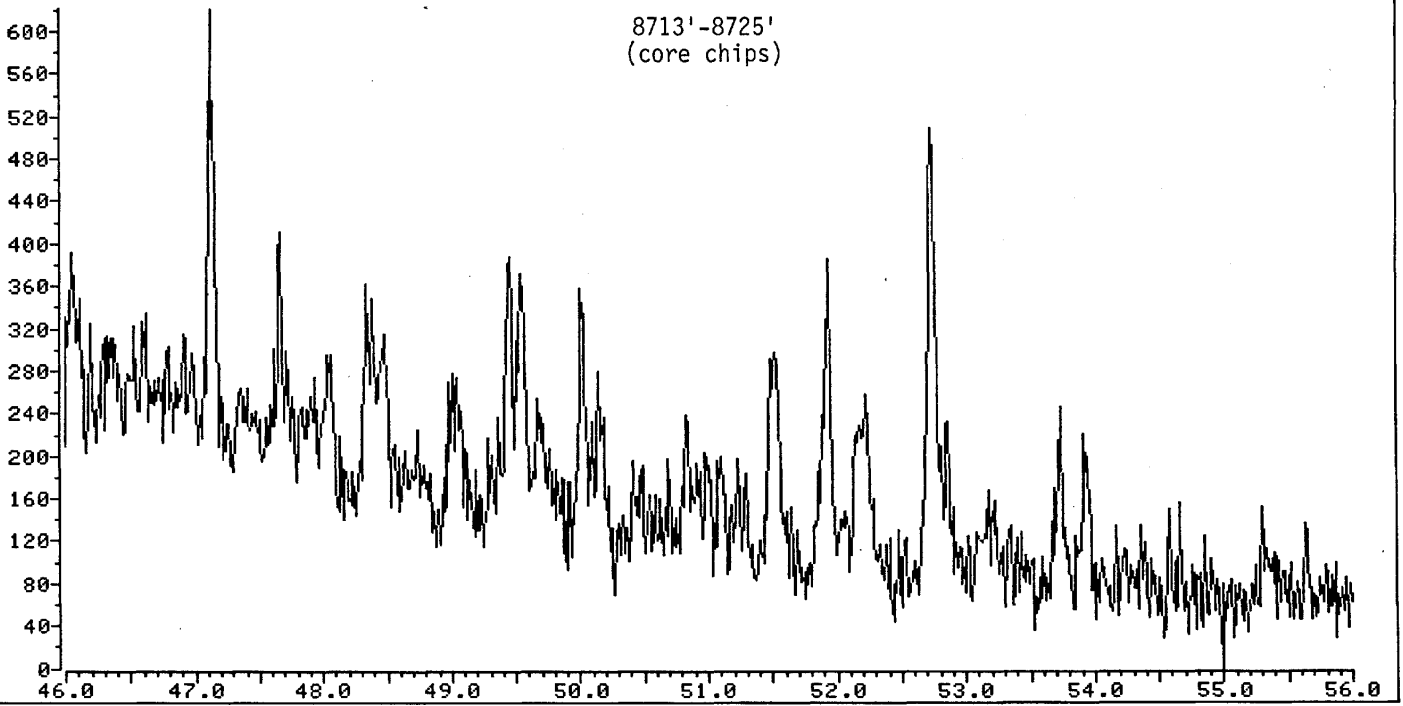


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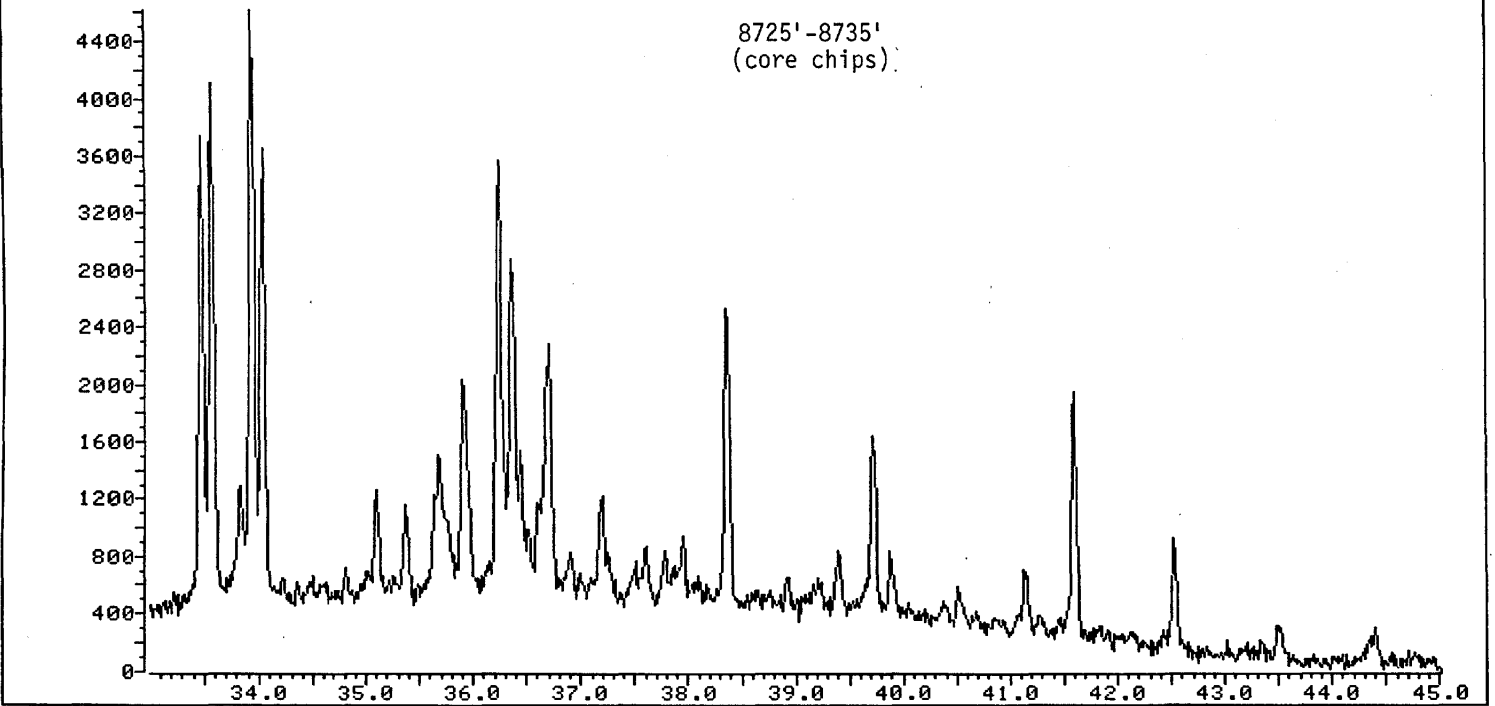


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ADC EIP

8713'-8725'
(core chips)

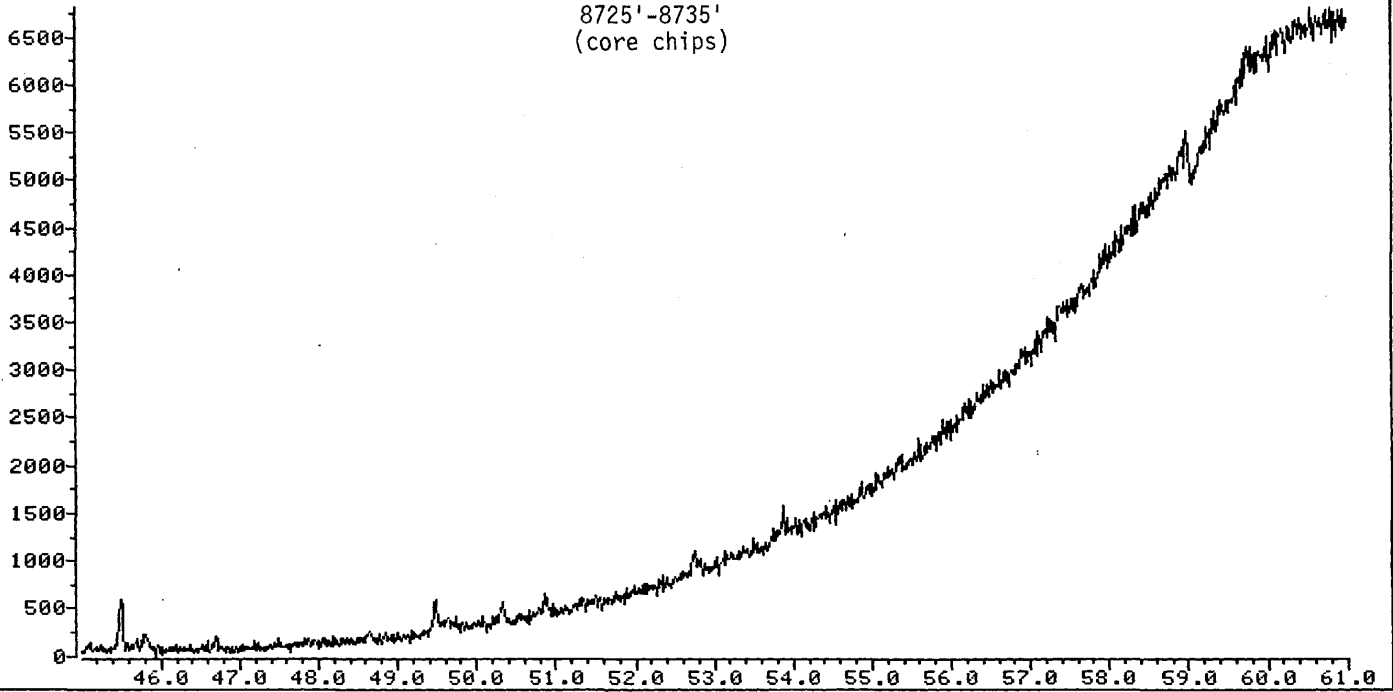


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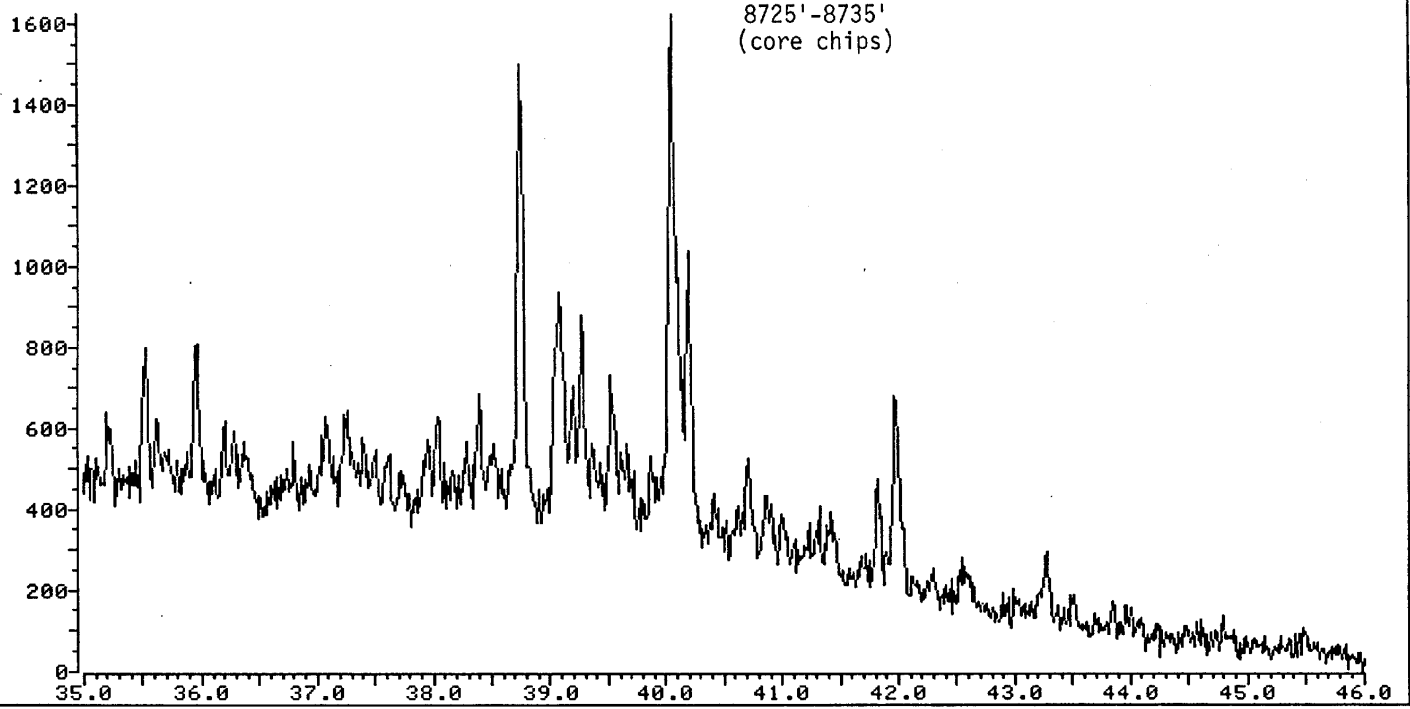


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ADC EIP

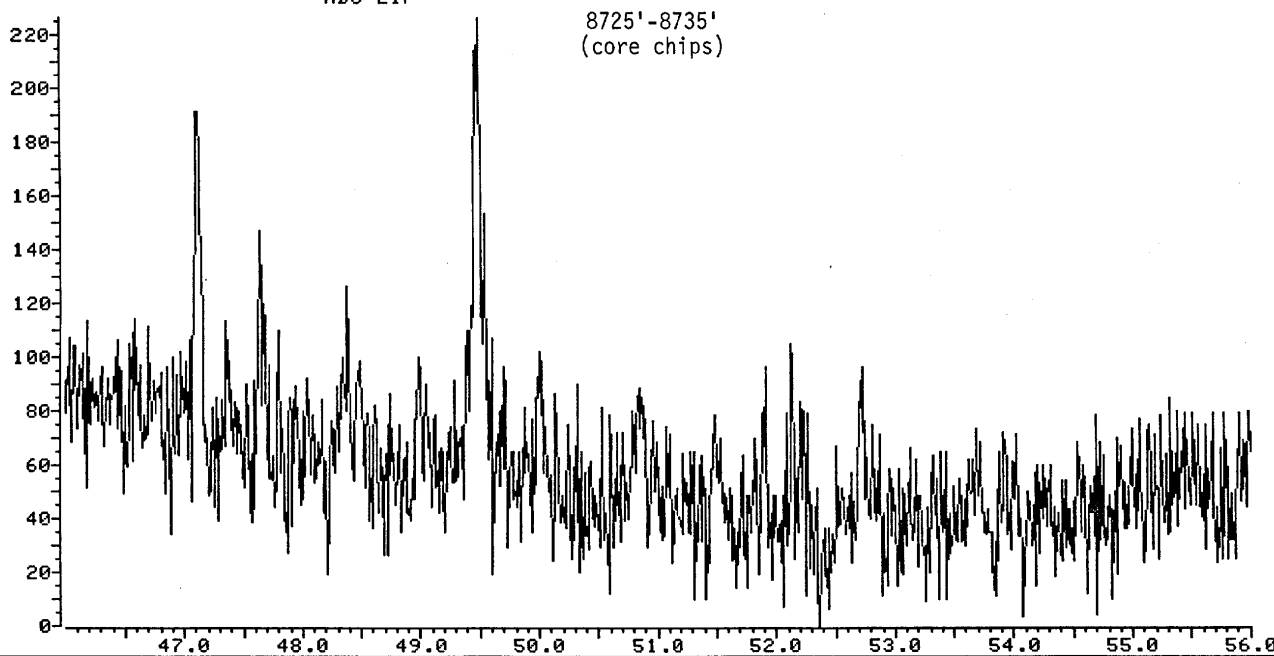
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(core chips)

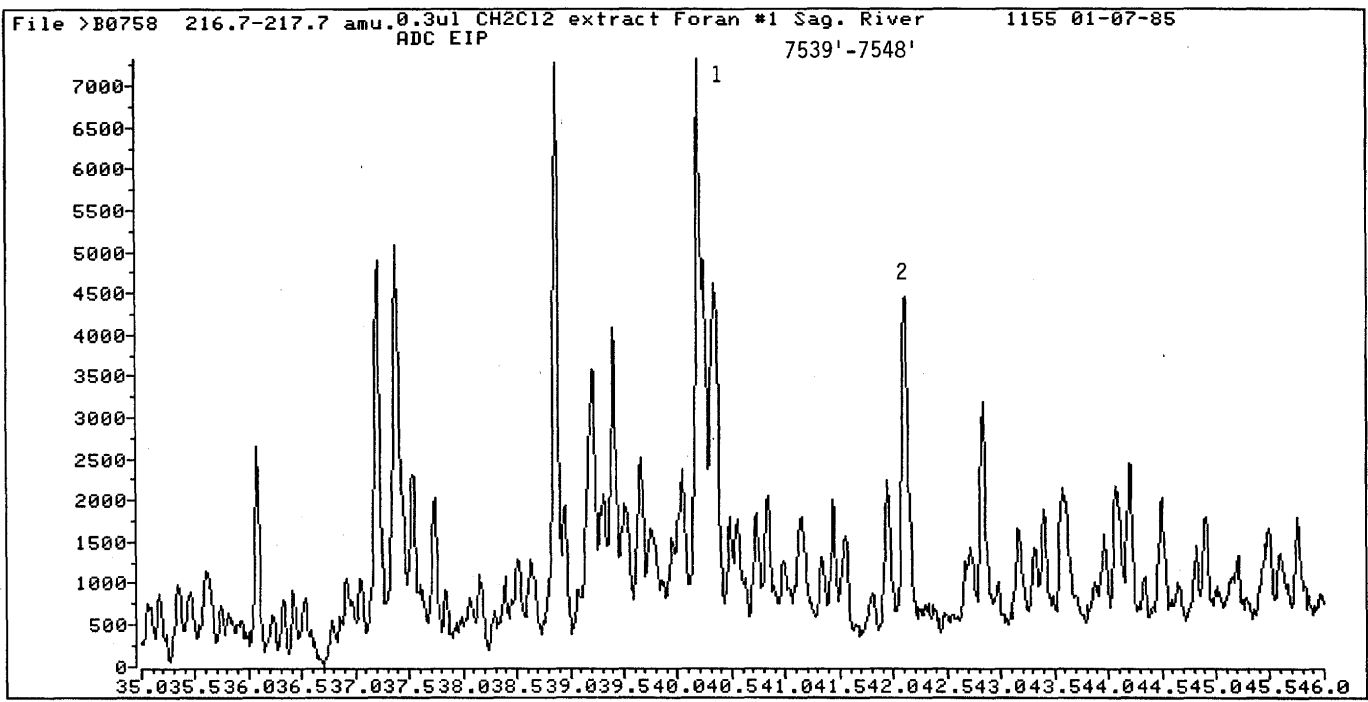


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ADC EIP



File >B0760 216.7-217.7 amu.0.3ul CH2Cl2 extract Atigaru Pt.#1 Sadleroch. 1505 01-07-85
ADC EIP

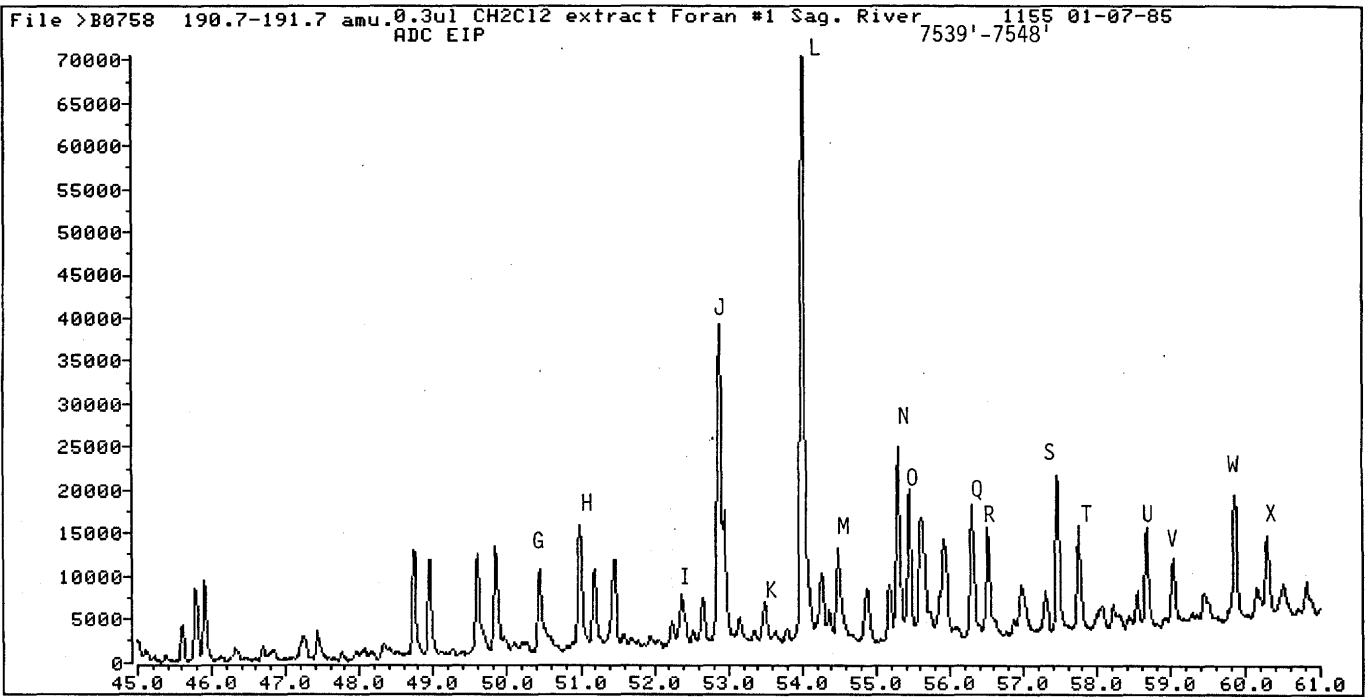




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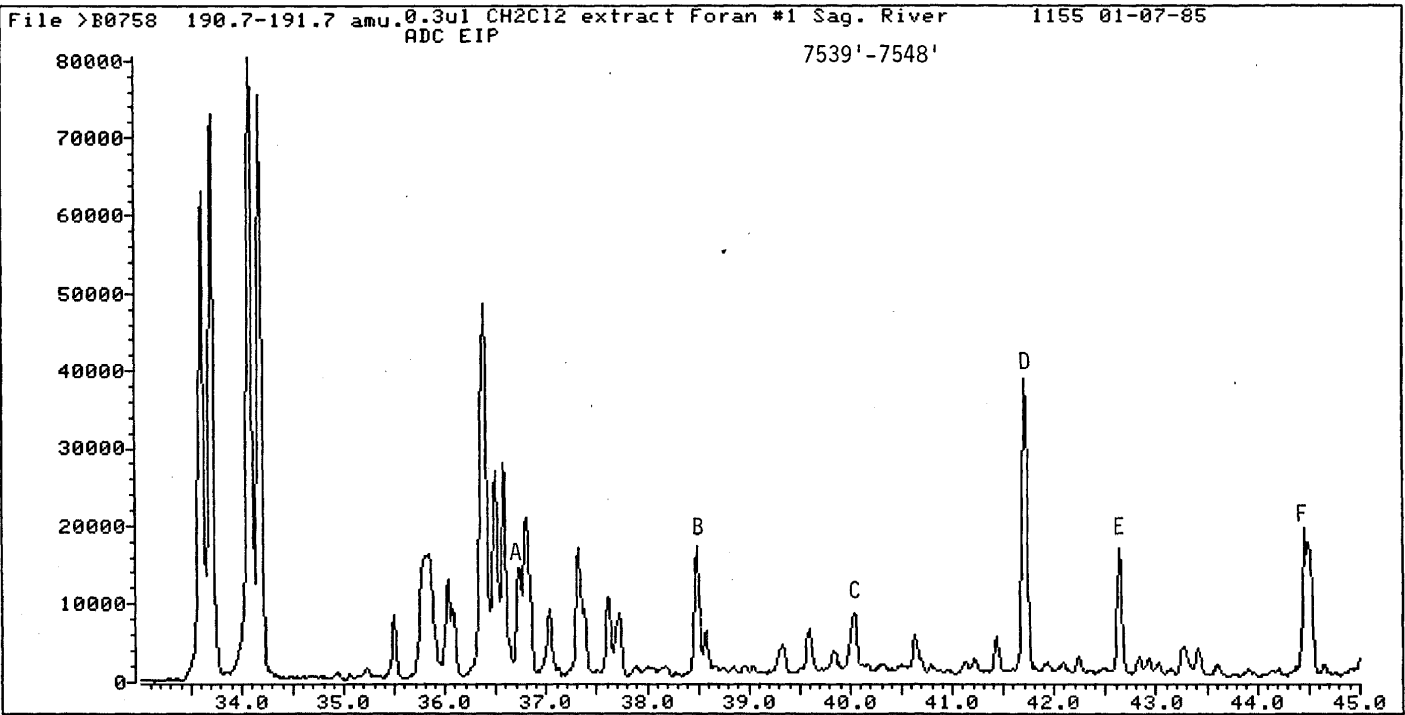
Alaska Oil & Gas Cons. Commission
Anchorage



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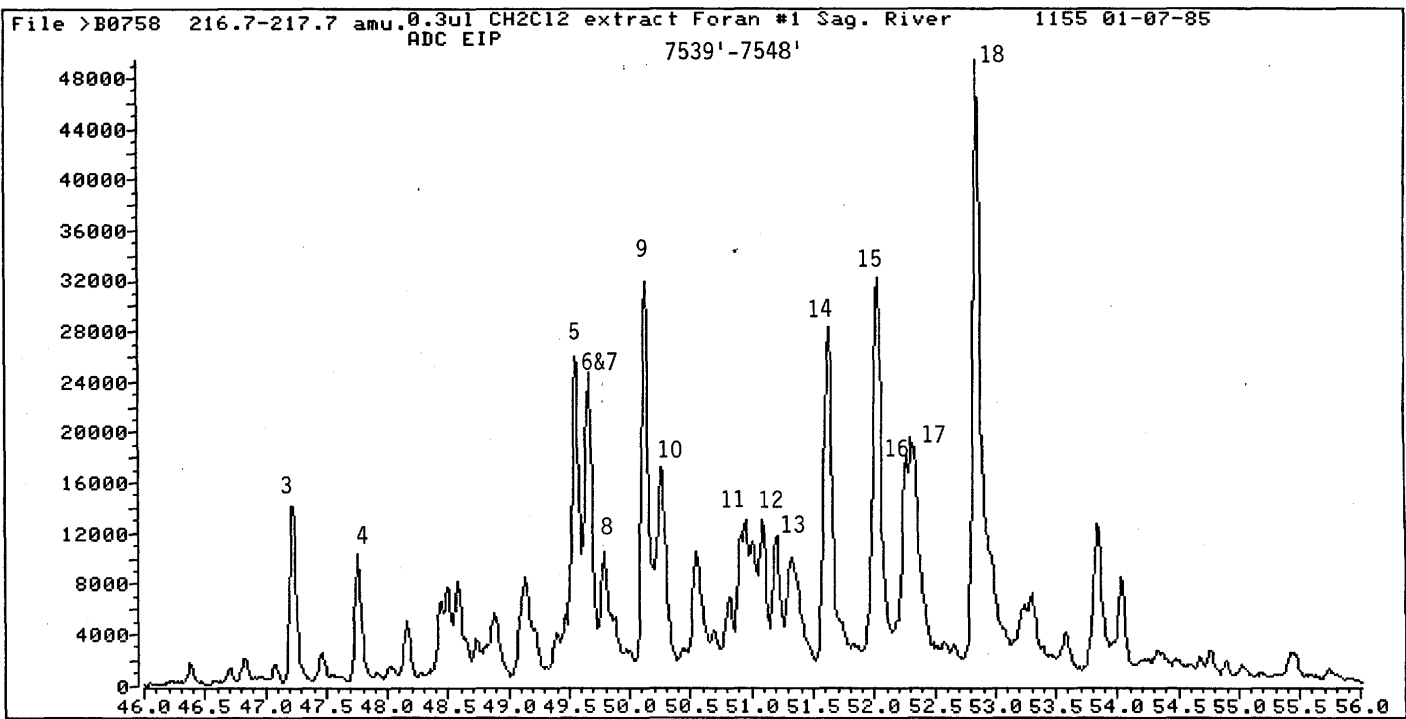
Alaska Oil & Gas Cons. Commission
Anchorage



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MAR 26 1985

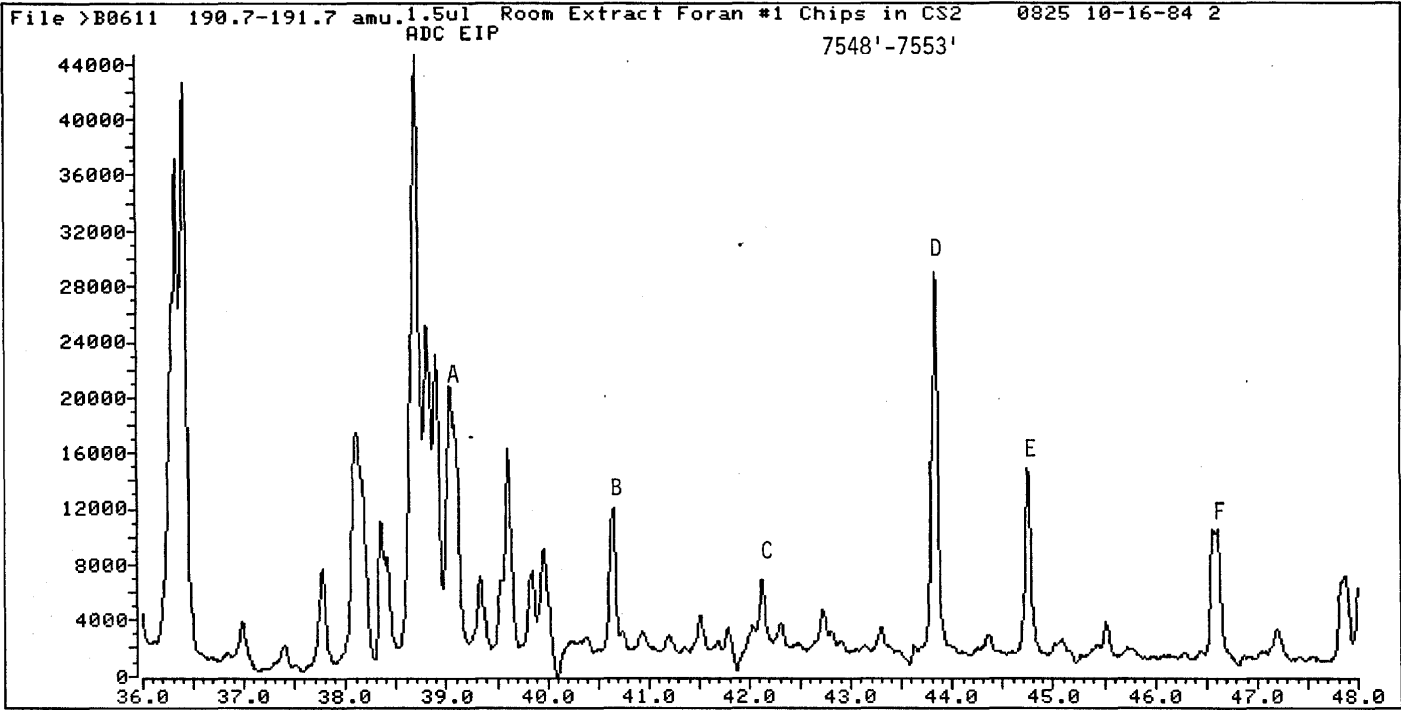
Alaska Oil & Gas Cons. Commission
Anchorage



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APR 26 1985

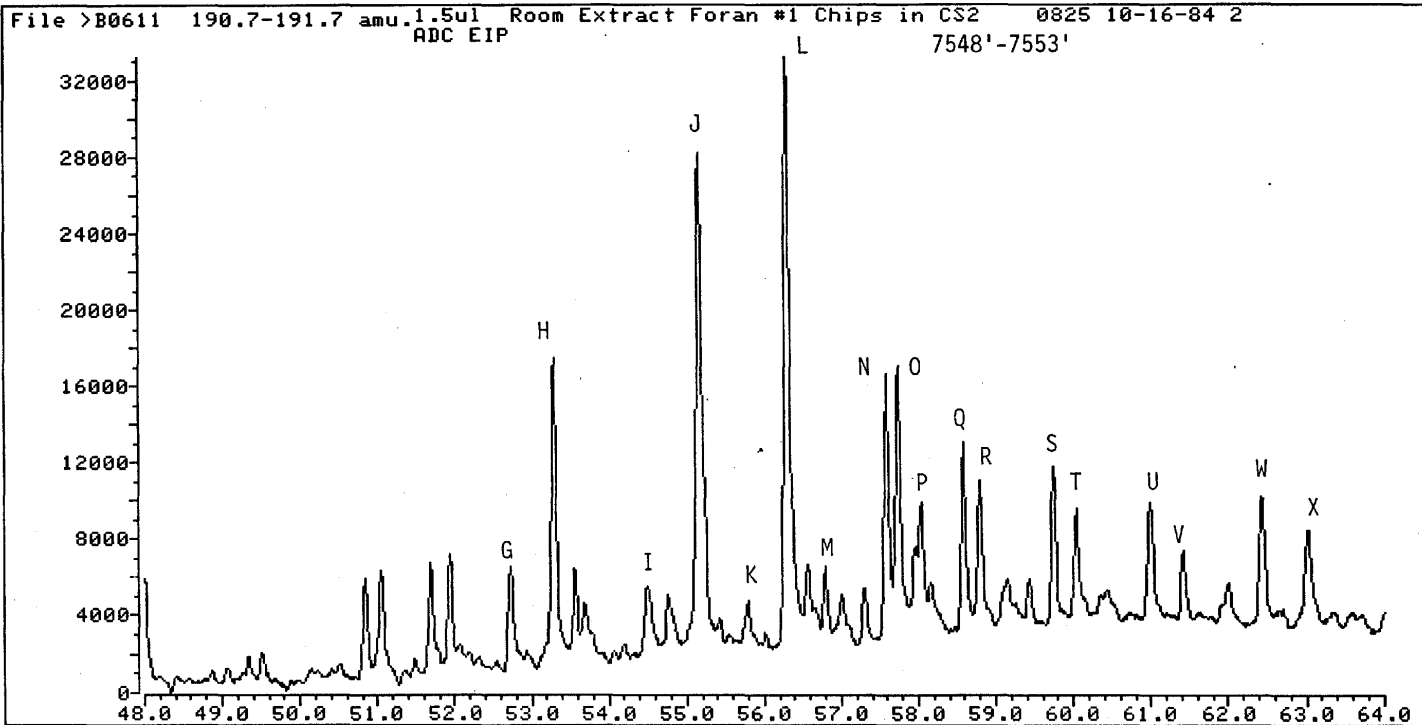
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Anchorage



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NOV 24 1985

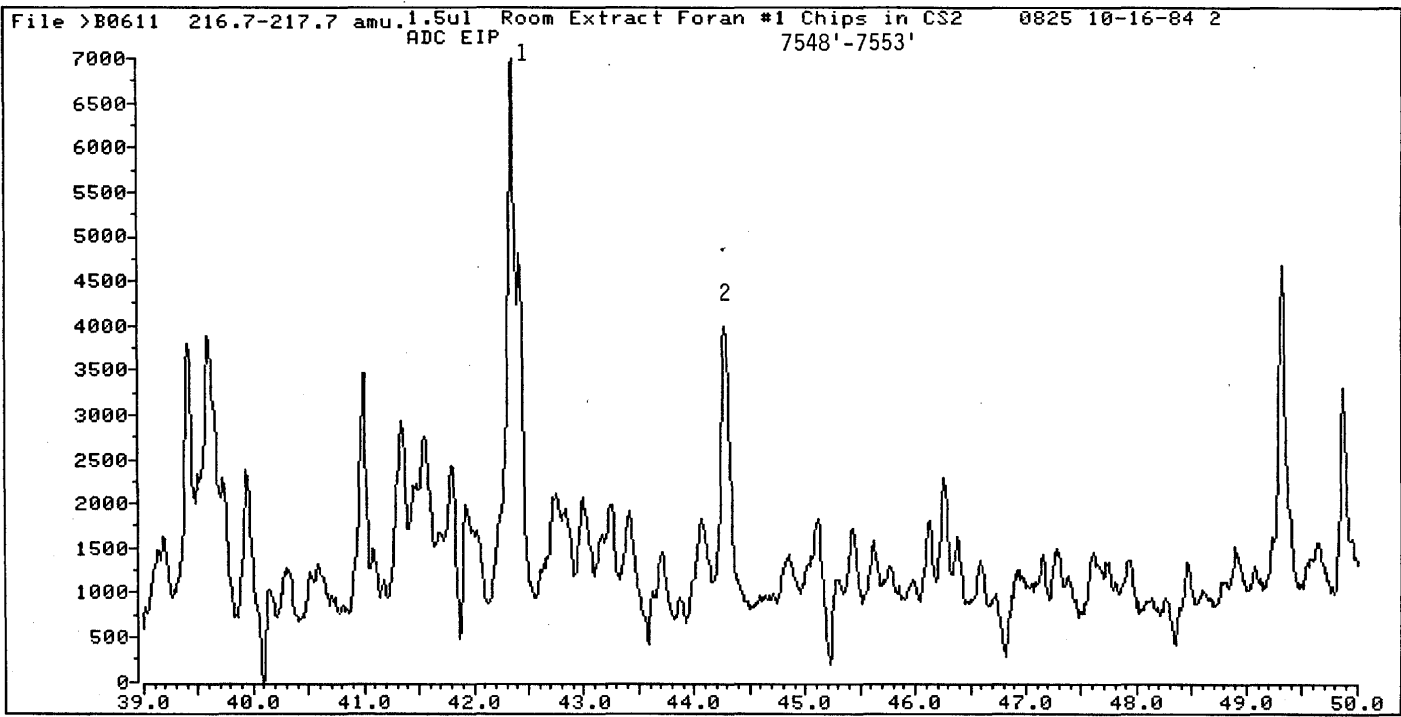
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Anchorage



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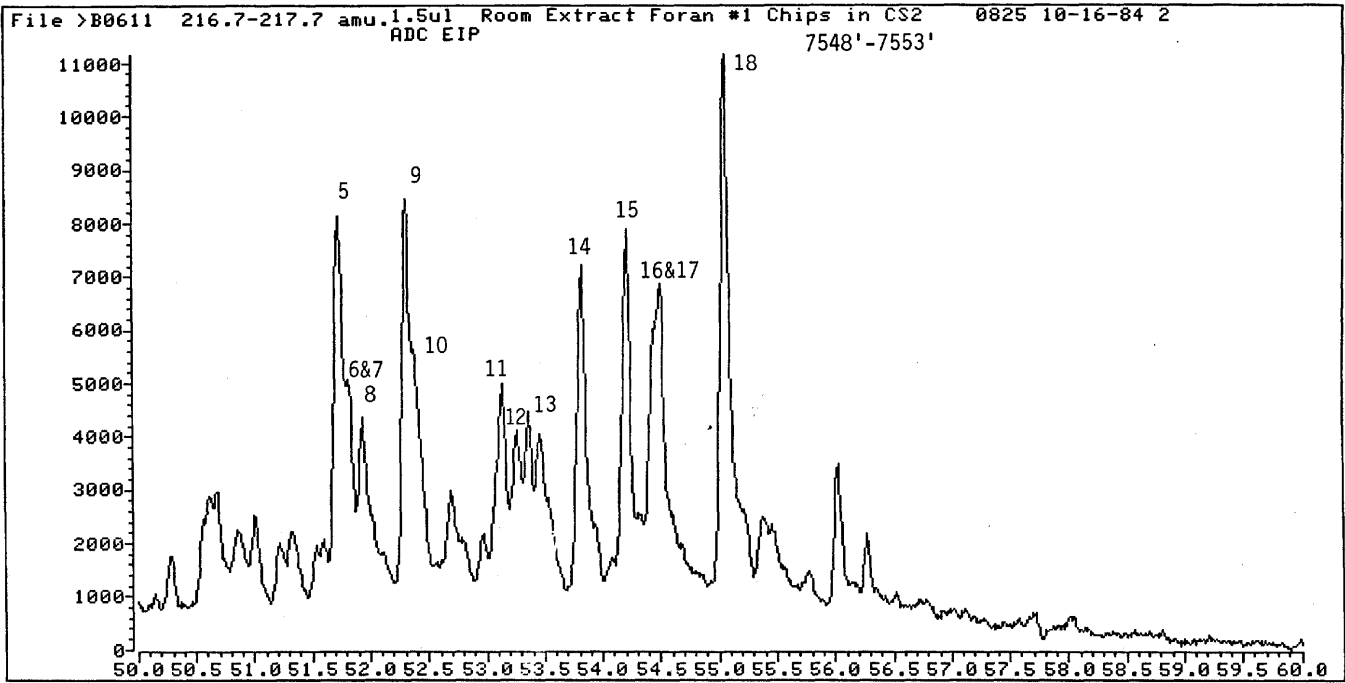
U.S. Environmental Protection Agency
Washington, D.C. 20460



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Alaska Oil & Gas Corp. Transmission
Anchorage



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NOV 16 1984

RECEIVED

F-0 R-1 N

MAR 26 1985

PEAK IDENTIFICATIONAlaska Oil & Gas Cons. Commission
AnchorageM/Z 191

<u>Peak</u>	<u>Compound</u>	<u>Abbreviation</u>
A	C ₂₀ tricyclic terpane	
B	C ₂₁ tricyclic terpane	
C	C ₂₂ tricyclic terpane	
D	C ₂₃ tricyclic terpane	
E	C ₂₄ tricyclic terpane	
F	C ₂₅ tricyclic terpane	
G	18 α (H)-trisinorneohopane	Ts
H	17 α (H)-trisinorhopane	Tm
I	17 α (H)-bisnorhopane	28 hopane
J	17 α (H),21 β (H)-norhopane	29 hopane
K	17 β (H),21 α (H)-norhopane	29 moretane
L	17 α (H),21 β (H)-hopane	30 hopane
M	17 β (H),21 α (H)-hopane	30 moretane
N	17 α (H),21 β (H)-homohopane (22S)	31S hopane
O	17 α (H),21 β (H)-homohopane (22R)	31R hopane
P	Gammacerane	
Q	17 α (H),21 β (H)-bishomohopane (22S)	32S hopane
R	17 α (H),21 β (H)-bishomohopane (22R)	32R hopane
S	17 α (H),21 β (H)-trishomohopane (22S)	33S hopane
T	17 α (H),21 β (H)-trishomohopane (22R)	33R hopane
U	17 α (H),21 β (H)-tetrakishomohopane (22S)	34S hopane
V	17 α (H),21 β (H)-tetrakishomohopane (22R)	34R hopane
W	17 α (H),21 β (H)-pentakishomohopane (22S)	35S hopane
X	17 α (H),21 β (H)-pentakishomohopane (22R)	35R hopane

M/Z 217, Steranes

<u>Peak</u>	<u>Compound</u>	<u>Abbreviation</u>
1	5 α (H)-pregnane	21 sterane
2	5 α (H)-bisnorcholane	22 sterane
3	13 β (H),17 α (H)-diacholestane (20S)	27 $\beta\alpha$ S rearr.
4	13 β (H),17 α (H)-diacholestane (20R)	27 $\beta\alpha$ R rearr.
5	14 α (H),17 α (H)-cholestane (20S)	27 $\alpha\alpha$ S
6	14 β (H),17 β (H)-cholestane (20R)	27 $\beta\beta$ R
7	24-ethyl-13 β (H),17 α (H)-diacholestane (20S)	29 $\beta\alpha$ S rearr.
8	14 β (H),17 β (H)-cholestane (20S)	27 $\beta\beta$ S
9	14 α (H),17 α (H)-cholestane (20R)	27 $\alpha\alpha$ R
10	24-ethyl-13 β (H),17 α (H)-diacholestane (20R)	29 $\beta\alpha$ R rearr.
11	24-methyl-14 α (H),17 α (H)-cholestane (20S)	28 $\alpha\alpha$ S rearr.
12	24-methyl-14 β (H),17 α (H)-cholestane (20R)	28 $\beta\beta$ R
13	24-methyl-14 β (H),17 α (H)-cholestane (20S)	28 $\beta\beta$ S
14	24-methyl-14 α (H),17 α (H)-cholestane (20R)	28 $\alpha\alpha$ R
15	24-ethyl-14 α (H),17 α (H)-cholestane (20S)	29 $\alpha\alpha$ S
16	24-ethyl-14 β (H),17 β (H)-cholestane (20R)	29 $\beta\beta$ R
17	24-ethyl-14 β (H),17 β (H)-cholestane (20S)	29 $\beta\beta$ S
18	24-ethyl-14 α (H),17 α (H)-cholestane (20R)	29 $\alpha\alpha$ R

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AMOCO PRODUCTION COMPANY
RESEARCH CENTER

OFFICE DENVER DISTRICT WESTERN
TECHNICAL SERVICE NUMBER 845346

VISUAL AND VITRINITE REFLECTANCE

DATE 02/15/85

SAMPLE NUMBER	FIELD NO. OR DEPTH FEET TOP**BOTTOM	FORMATION	VIT REFLECTANCE		WELL LOCATION	SEC.14-T18N-R5W
			%RO	COUNTS		
STATE ALASKA OPERATOR U.S.G.S.		COUNTY	TESHEKPUK LEASE	DALTON #1		
X-5047	2010.0 - 2610.0	SEABEE	0.75	23		
X-5048	2910.0 - 3990.0	NANUSHUK	0.74	46		
X-5049	4320.0 - 4687.0	NANUSHUK	0.75	28		
X-5050	4860.0 - 5633.0	TOROK	0.73	44		
X-5051	5700.0 - 6210.0	TOROK	0.77	26		
X-5052	6300.0 - 6587.0	TOROK	0.67	47		
X-5053	6810.0 - 7030.0	TOROK	0.74	38		
X-5054	7030.0 - 7240.0	TOROK	0.75	28		
X-5055	7370.0 - 7430.0	FORTRESS MTN.	0.70	20		
X-5056	7500.0 - 7600.0	PEBBLE SH	0.79	28		
X-5057	7630.0 - 7750.0	SAG RIVER	0.82	40		
X-5058	7760.0 - 7880.0	SHUBLIK	0.78	21		
X-5059	7950.0 - 8000.0	SHUBLIK	0.84	33		

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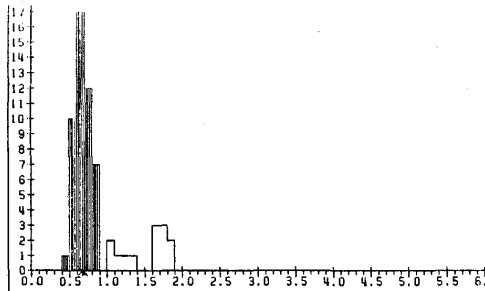
VITRINITE REFLECTANCE ANALYSIS

USGA/HUSKY DALTON NO.1; TESHEKPUK, ALASKA SEC14-T18N-R5W

LOCALITY 5346C TECH SVC NO.5346

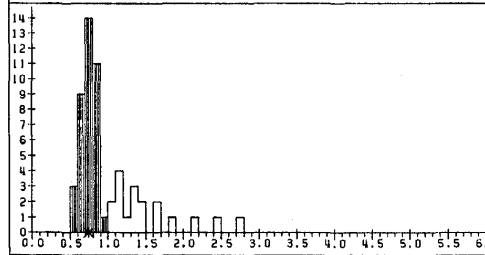
	<p>V-5047 2010.00 -2610.00 FT AL CUTTINGS 2-15-85 L CRET SERBEE</p> <p>AVG. %R0 MEDIAN S.DEV. POINTS 1) * 0.75 0.75 0.099 23</p>
	<p>V-5048 2910.00 -3990.00 FT AL CUTTINGS 2-15-85 L CRET NANUSHUK</p> <p>AVG. %R0 MEDIAN S.DEV. POINTS 1) * 0.74 0.73 0.103 46</p>
	<p>V-5049 4320.00 -4687.00 FT AL CUTTINGS 2-15-85 L CRET NANUSHUK</p> <p>AVG. %R0 MEDIAN S.DEV. POINTS 1) * 0.75 0.76 0.146 28</p>
	<p>V-5050 4860.00 -5633.00 FT AL CUTTINGS 2-15-85 CRET TOROK</p> <p>AVG. %R0 MEDIAN S.DEV. POINTS 1) * 0.73 0.75 0.134 44</p>
	<p>V-5051 5700.00 -6210.00 FT AL CUTTINGS 2-15-85 CRET TOROK</p> <p>AVG. %R0 MEDIAN S.DEV. POINTS 1) * 0.77 0.78 0.123 26</p>

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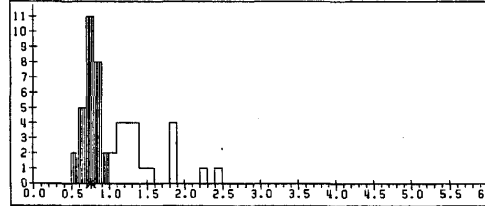
V-5052 6300.00 -6587.00 FT RL
 CUTTINGS 2-15-85
 CRET TOROK

AVG. ZDD	MEDIAN	S.DEV.	POINTS
11 * 0.67	0.67	0.107	47



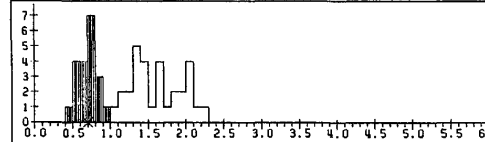
V-5053 6810.00 -7030.00 FT RL
 CUTTINGS 2-15-85
 CRET TOROK

AVG. ZDD	MEDIAN	S.DEV.	POINTS
11 * 0.74	0.75	0.092	38



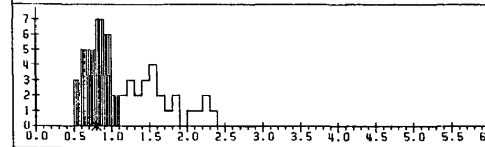
V-5054 7030.00 -7240.00 FT RL
 CUTTINGS 2-15-85
 CRET TOROK

AVG. ZDD	MEDIAN	S.DEV.	POINTS
11 * 0.75	0.76	0.096	28



V-5055 7370.00 -7430.00 FT RL
 CUTTINGS 2-15-85
 CRET FORTRESS MT

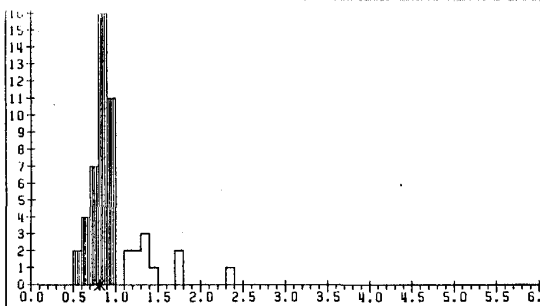
AVG. ZDD	MEDIAN	S.DEV.	POINTS
11 * 0.70	0.71	0.114	20



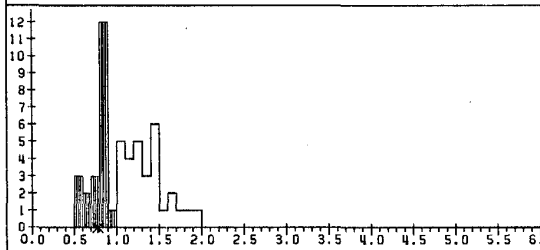
V-5056 7500.00 -7600.00 FT RL
 CUTTINGS 2-15-85
 CRET PEBBLE SHALE

AVG. ZDD	MEDIAN	S.DEV.	POINTS
11 * 0.79	0.81	0.146	28

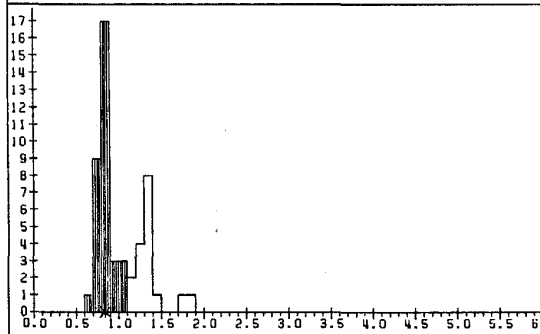
APPROVED
 [Signature]
 Alaska Oil & Gas Unit
 Analyst



V-5057	7030.00	-7730.00	FT	AL
CUTTINGS	2-15-85			
JURASSIC	SAG RIVER			
<u>AVG. ZAO</u>	<u>MEDIAN</u>	<u>S. DEV.</u>	<u>POINTS</u>	
11 * 0.82	0.84	0.101	40	



V-5058	7760.00	-7880.00	FT	AL
CUTTINGS	2-15-85			
TRIASSIC	SHUBLIK			
<u>AVG. ZAO</u>	<u>MEDIAN</u>	<u>S. DEV.</u>	<u>POINTS</u>	
11 * 0.78	0.82	0.116	21	



V-5059	7950.00	-8000.00	FT	AL
CUTTINGS	2-15-85			
TRIASSIC	SHUBLIK			
<u>AVG. ZAO</u>	<u>MEDIAN</u>	<u>S. DEV.</u>	<u>POINTS</u>	
11 * 0.84	0.84	0.097	33	

X-AXIS = PERCENT REFLECTANCE OF VITRINITE (ZAO)

Y-AXIS = FREQUENCY

AVERAGE ZAO FOR POP.1 = 0.76

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 2002-09-17
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 Dept.

AMOCO PRODUCTION COMPANY
RESEARCH CENTER

OFFICE DENVER DISTRICT WESTERN
TECHNICAL SERVICE NUMBER 845346

ROCKEVAL PYROLYSIS DATA
TABLE 2.,
DATE 11/26/84

SAMPLE NUMBER	TOP OF INTERVAL FEET	FORMATION	TOTAL ORGANIC CARBON WT% ROCKEVAL TOC	PPM VOLATILE HYDROCARBONS (S1 X 1000)	VOL/ TOC	PPM GENERATED HYDROCARBONS (S2 X 1000)	GEN/ TOC	TEMP OF MAX GEN	VOL/ VOL + GEN
STATE ALASKA		COUNTY TESHEKPUK		WELL LOCATION SEC14-T18N-R5W					
OPERATOR USGA/HUSKY		LEASE DALTON #1							
X-5047	2010.0	SEABEE	0.6	70	0.01	150	0.02	NR	0.32
X-5048	2910.0	NANUSHUK	1.1	80	0.01	500	0.05	434	0.14
X-5049	4320.0	NANUSHUK	1.0	140	0.01	520	0.05	433	0.21
X-5050	4860.0	TOROK	1.5	170	0.01	780	0.05	422	0.18
X-5051	5700.0	TOROK	1.0	100	0.01	510	0.05	428	0.16
X-5052	6300.0	TOROK	1.1	100	0.01	490	0.04	NR	0.17
X-5053	6810.0	TOROK	1.1	110	0.01	440	0.04	NR	0.20
X-5054	7030.0	TOROK	1.2	90	0.01	340	0.03	NR	0.21
X-5055	7370.0	FORTRESS MOUNTA	1.2	100	0.01	510	0.04	434	0.16
X-5056	7500.0	PEBBLE SHALE	2.2	210	0.01	1860	0.08	436	0.10
X-5057	7630.0	SAG RIVER	2.0	320	0.02	2840	0.14	433	0.10
X-5058	7760.0	SHUBLIK	1.9	240	0.01	2560	0.13	435	0.09
X-5059	7950.0	SHUBLIK	1.2	610	0.05	2140	0.18	432	0.22

NR indicates "not reliable"

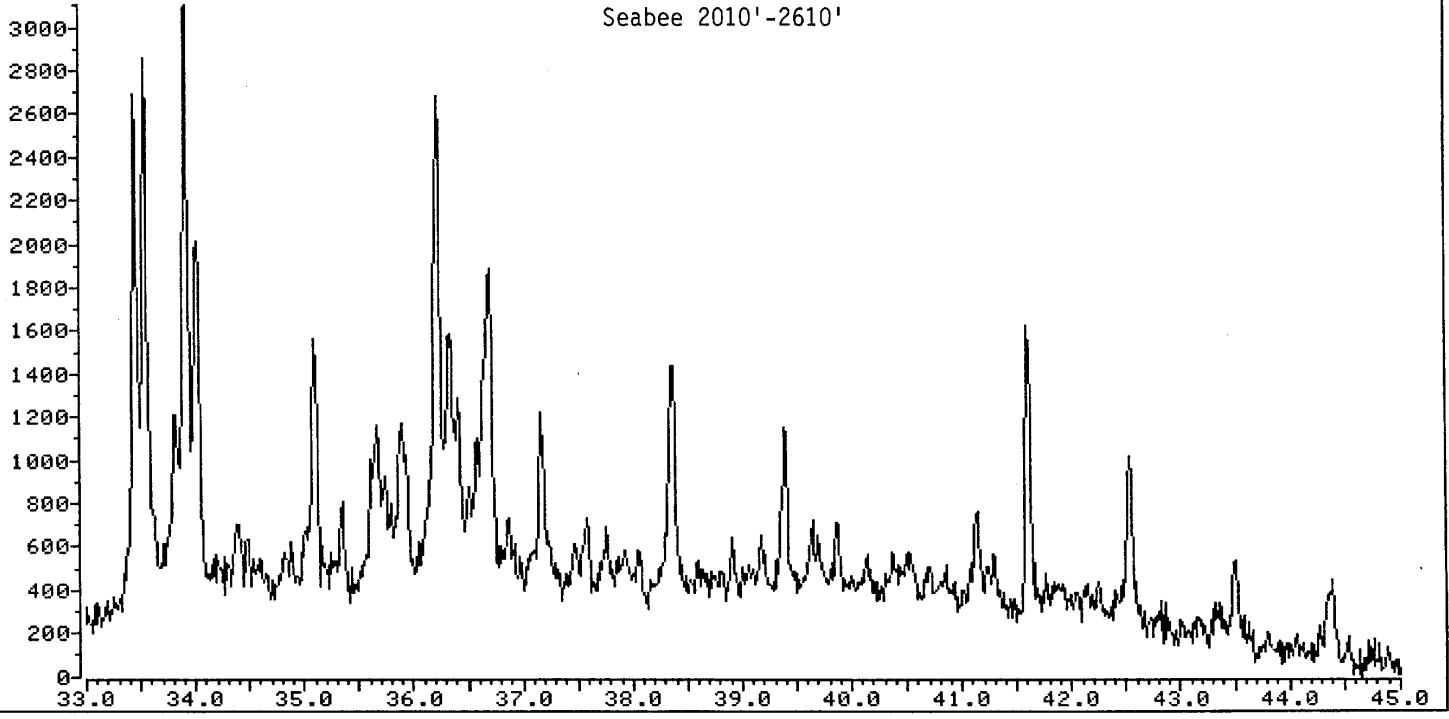
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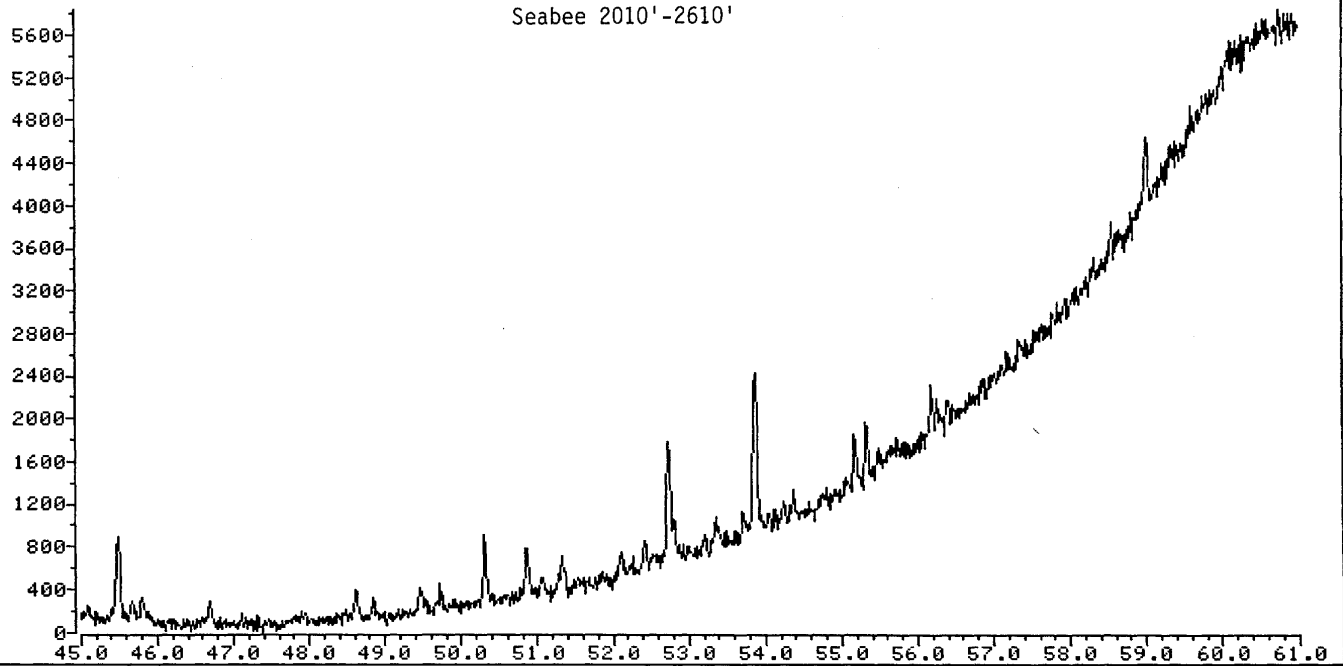
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ADC EIP

Seabee 2010'-2610'



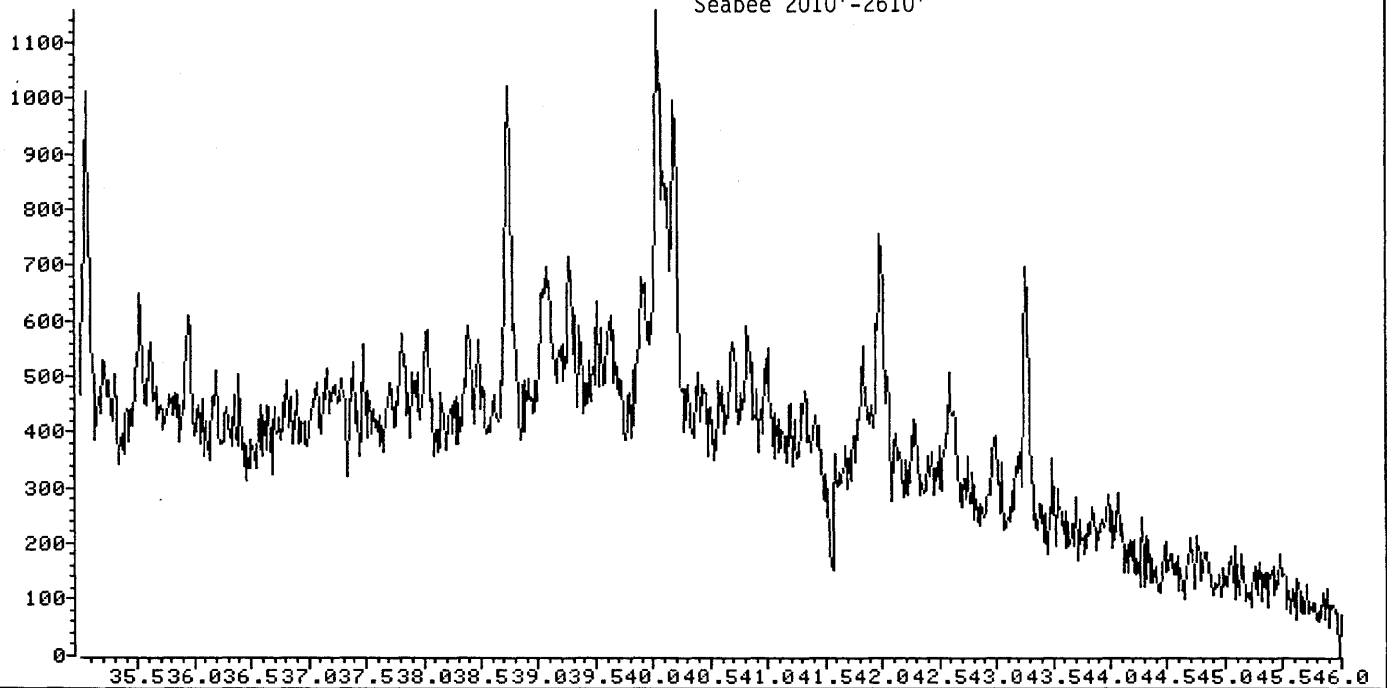
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Seabee 2010'-2610'



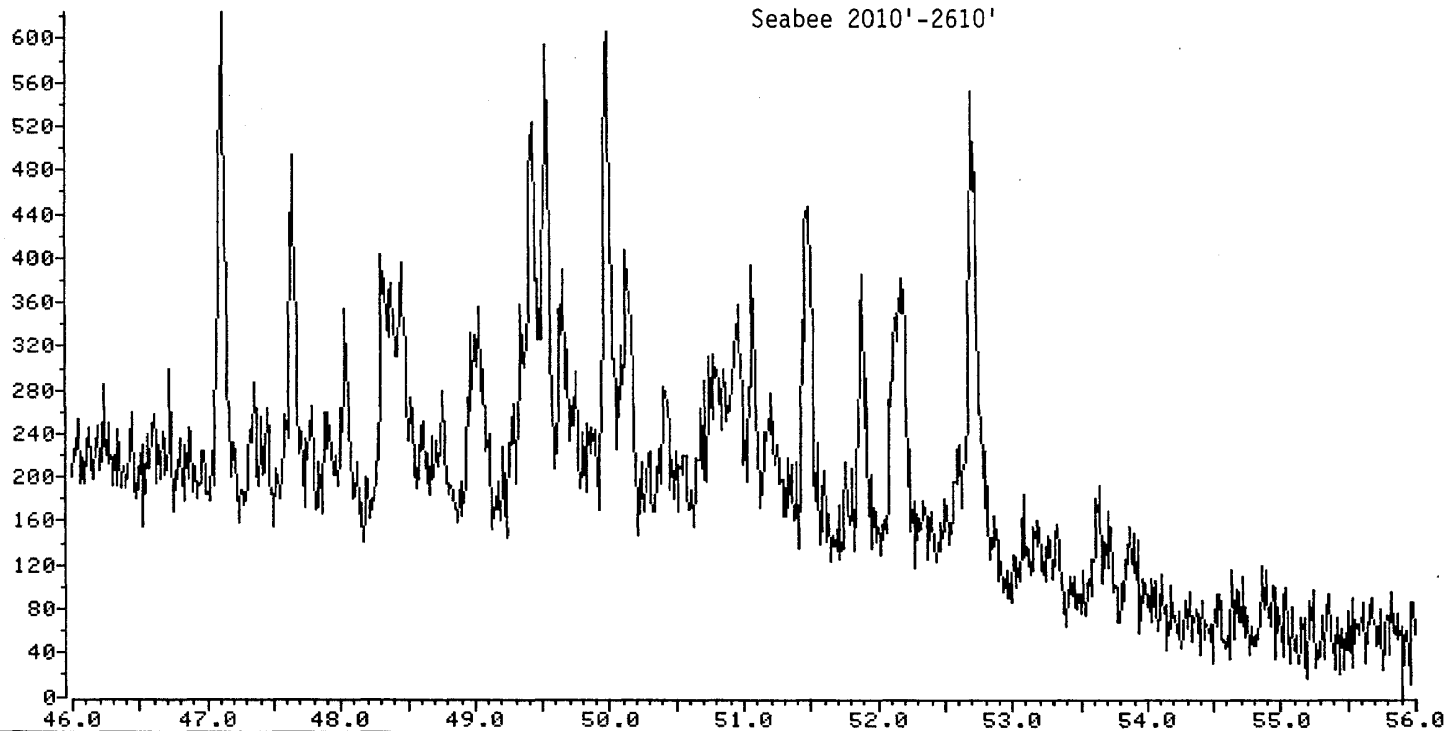
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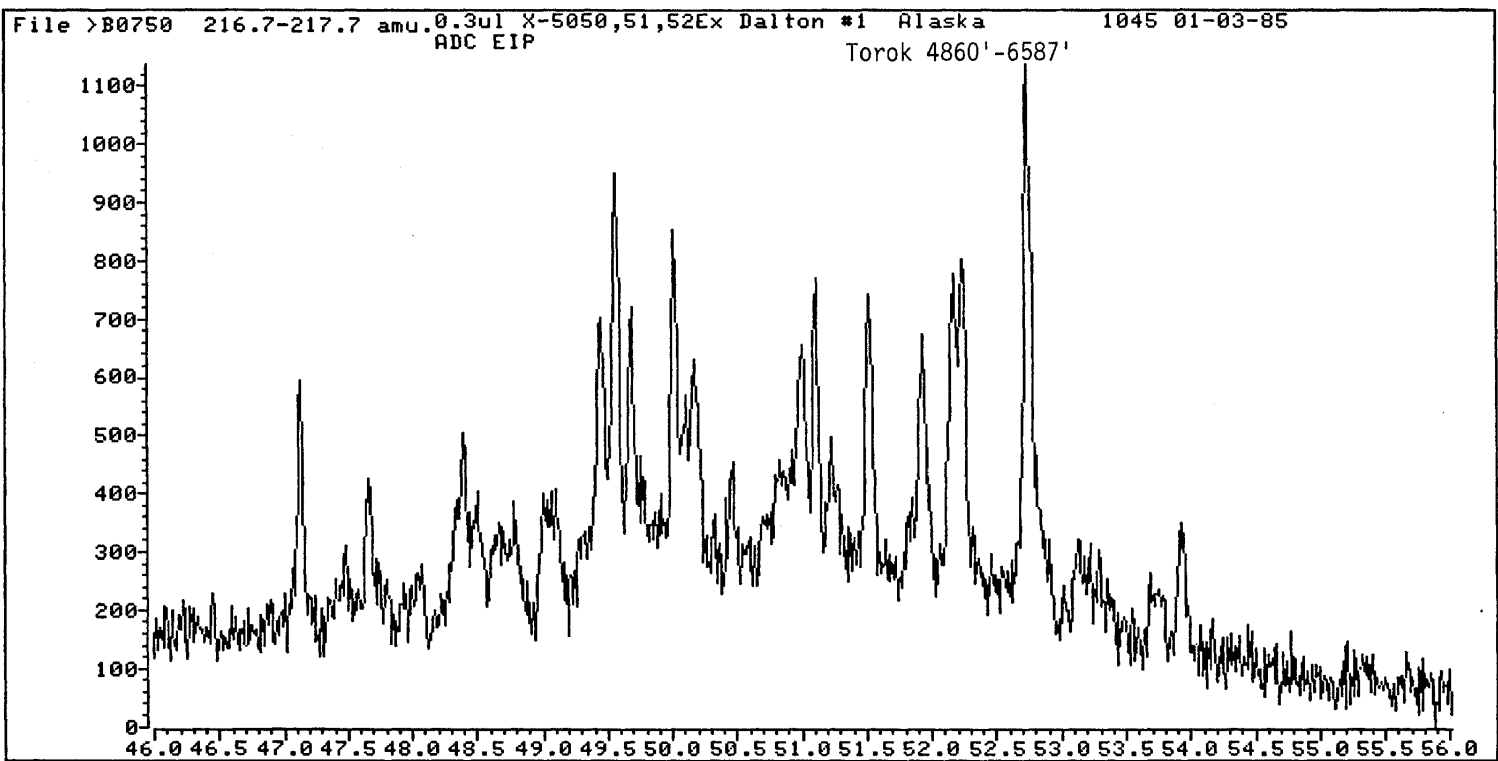
Seabee 2010'-2610'



File >B0749 216.7-217.7 amu.0.3ul X-5047 Extract Dalton #1 Alaska crude 0905 01-03-85
ADC EIP

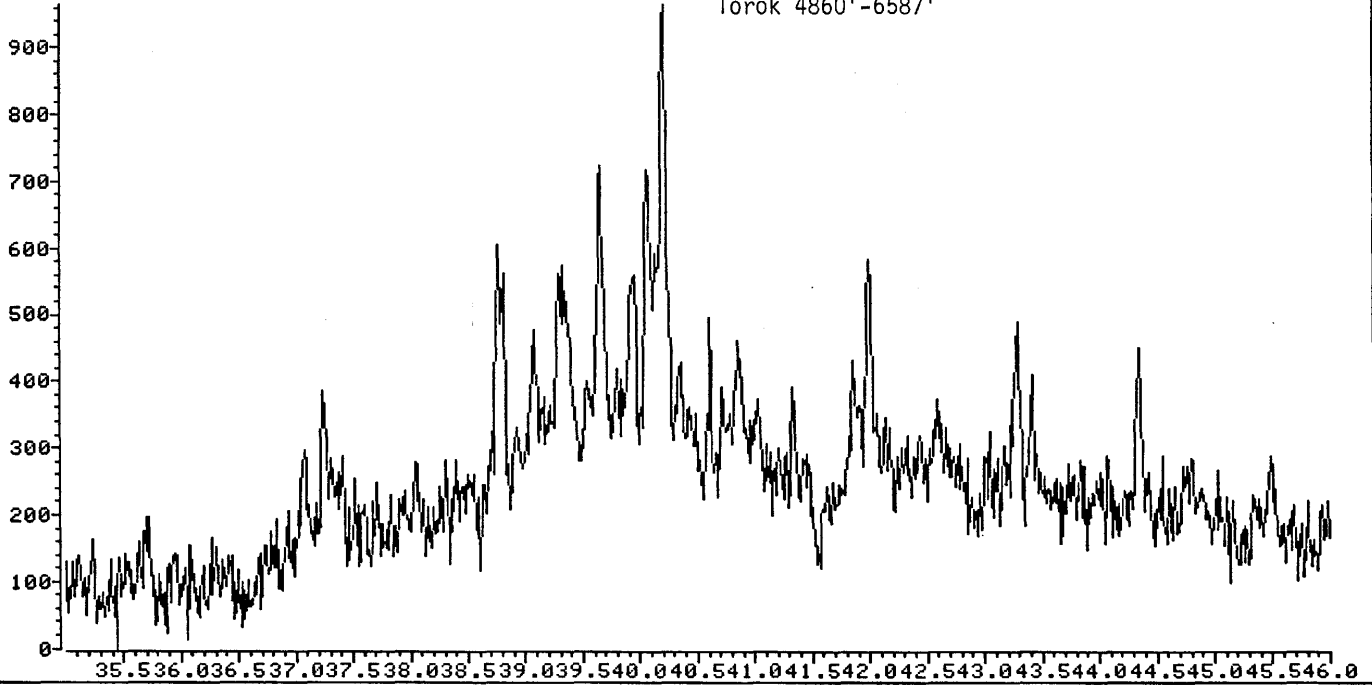
Seabee 2010'-2610'





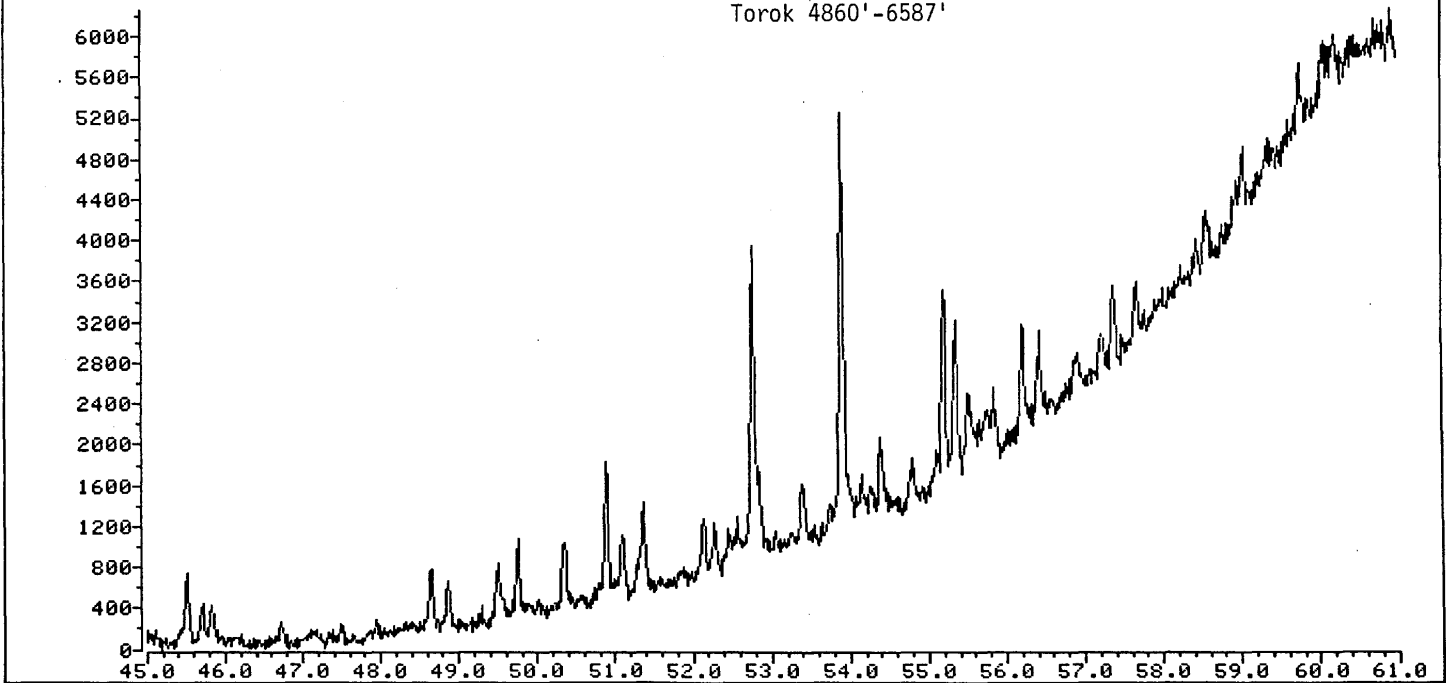
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ADC EIP

Torok 4860'-6587'

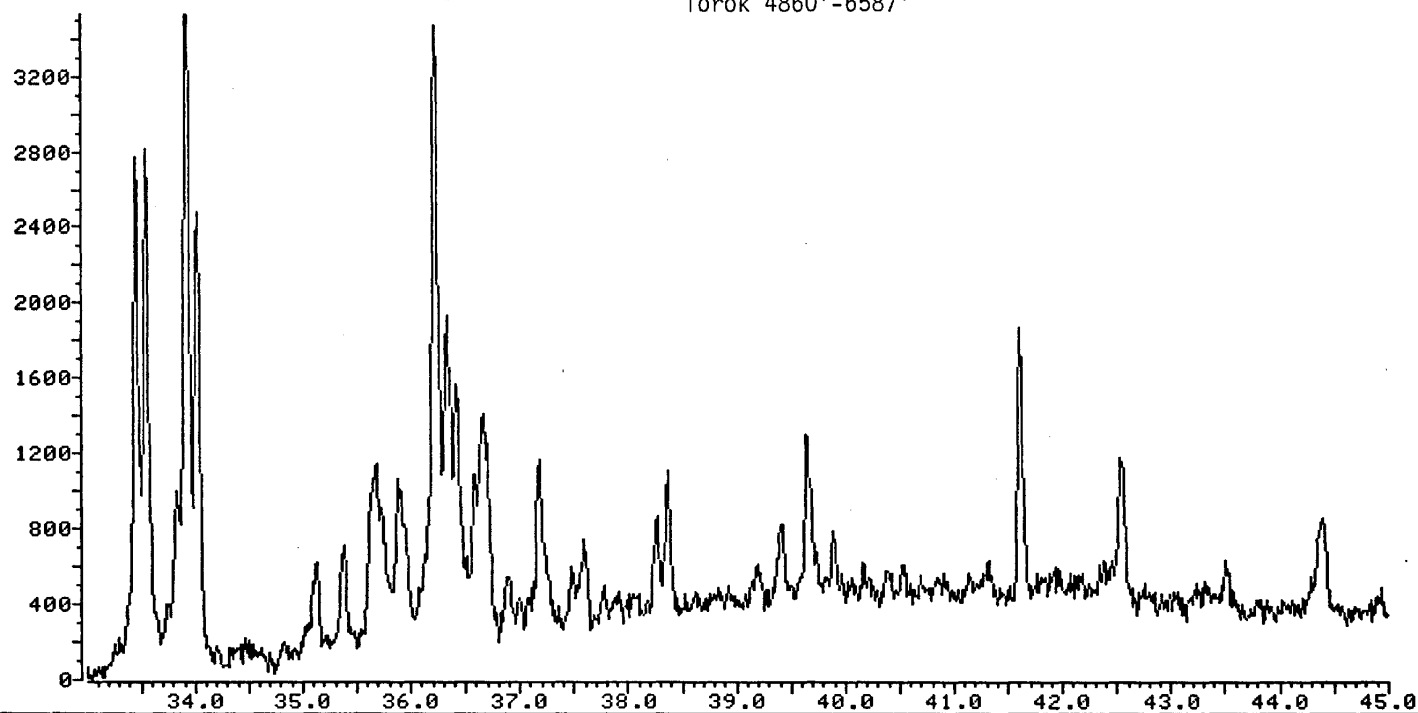


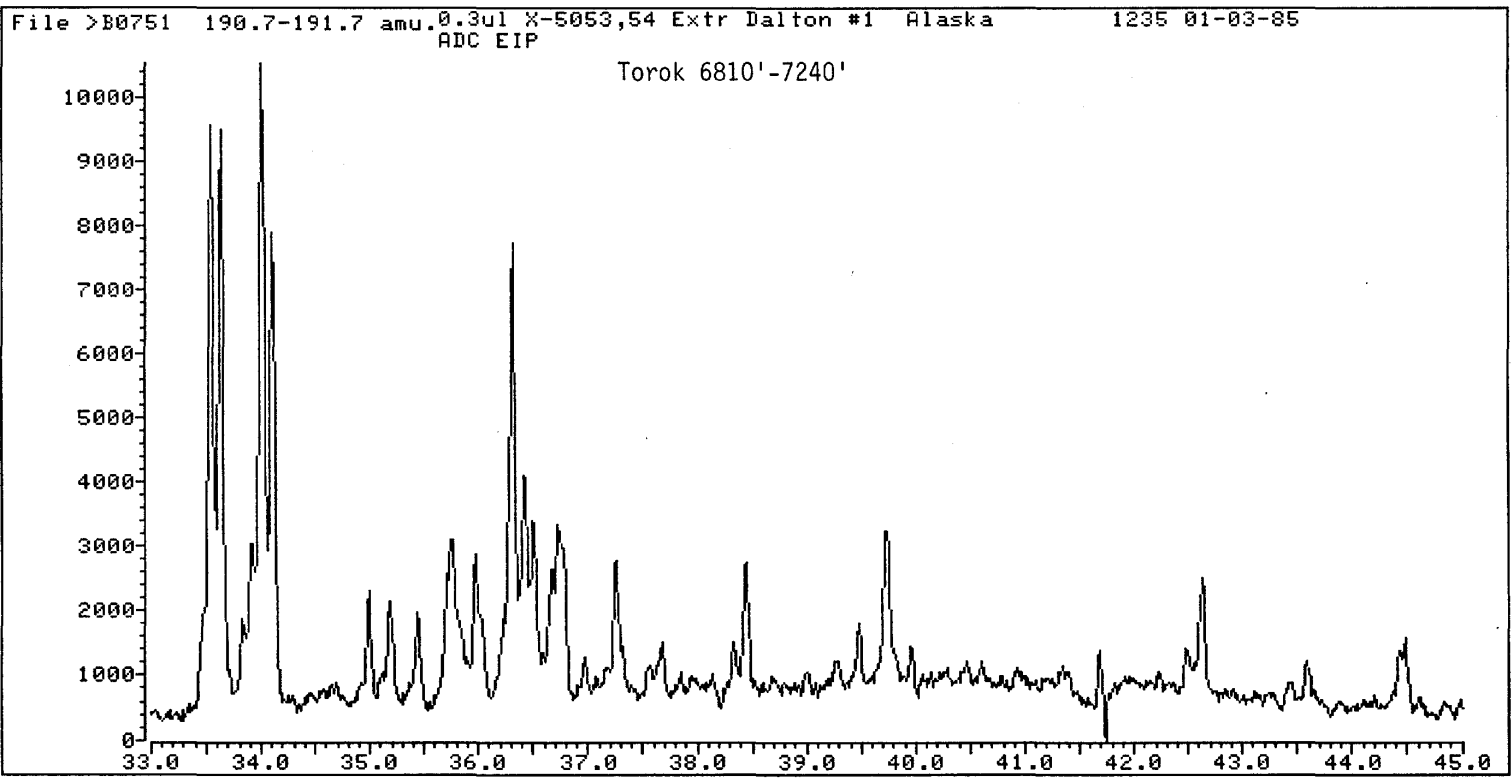
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ADC EIP

Torok 4860'-6587'

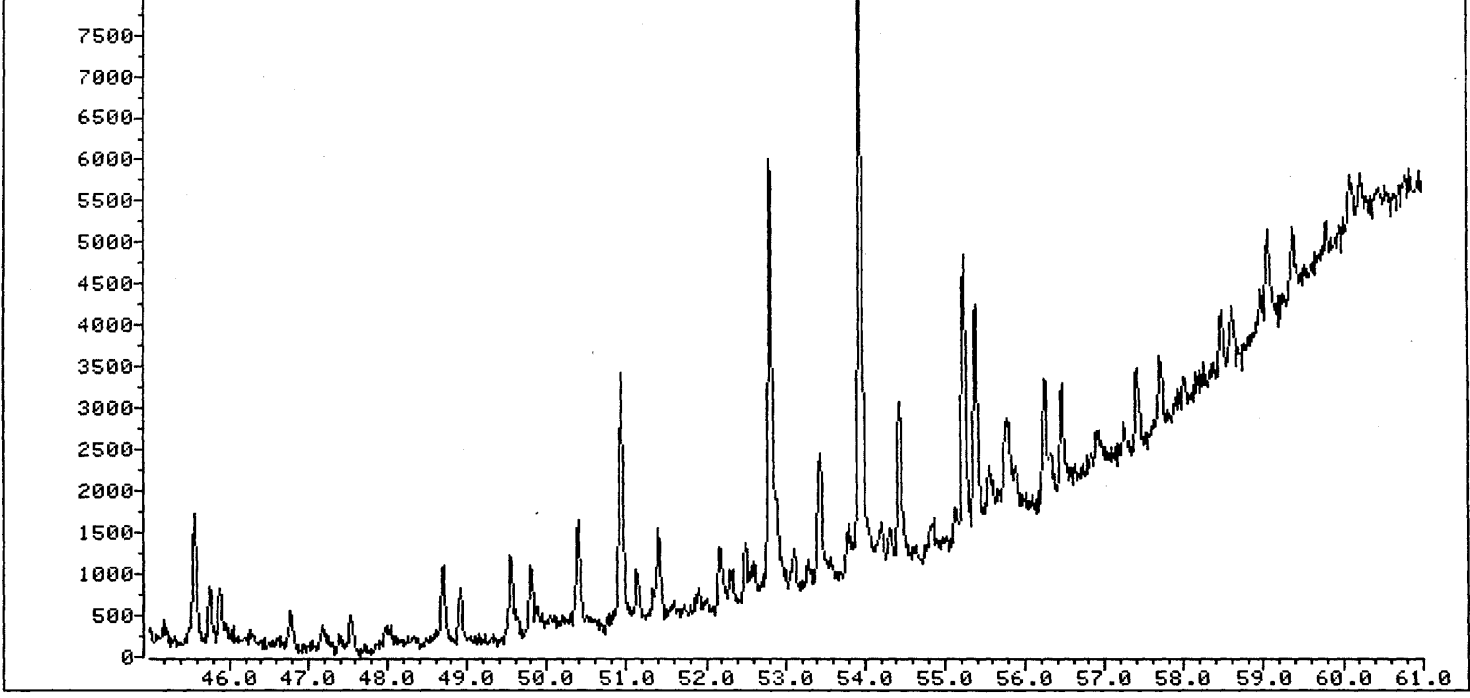


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ADC EIP Torok 4860'-6587'



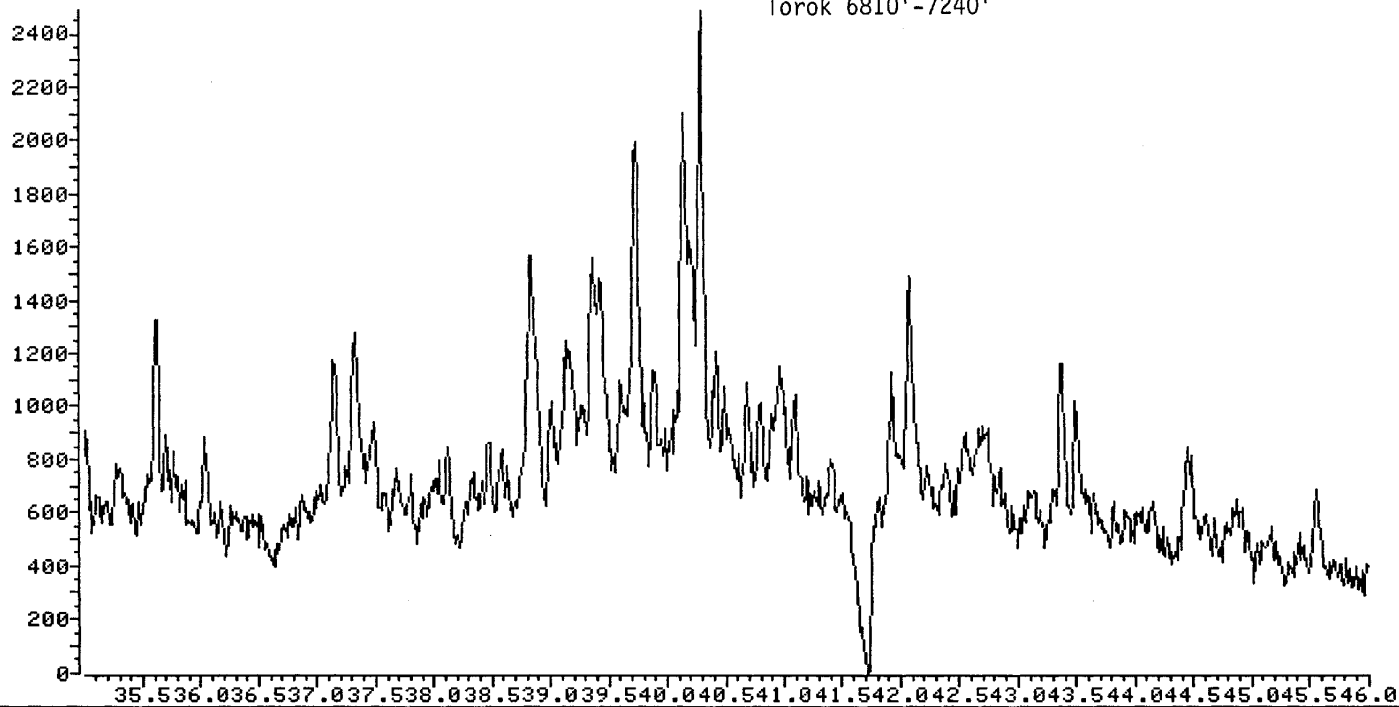


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ADC EIP Torok 6810'-7240'



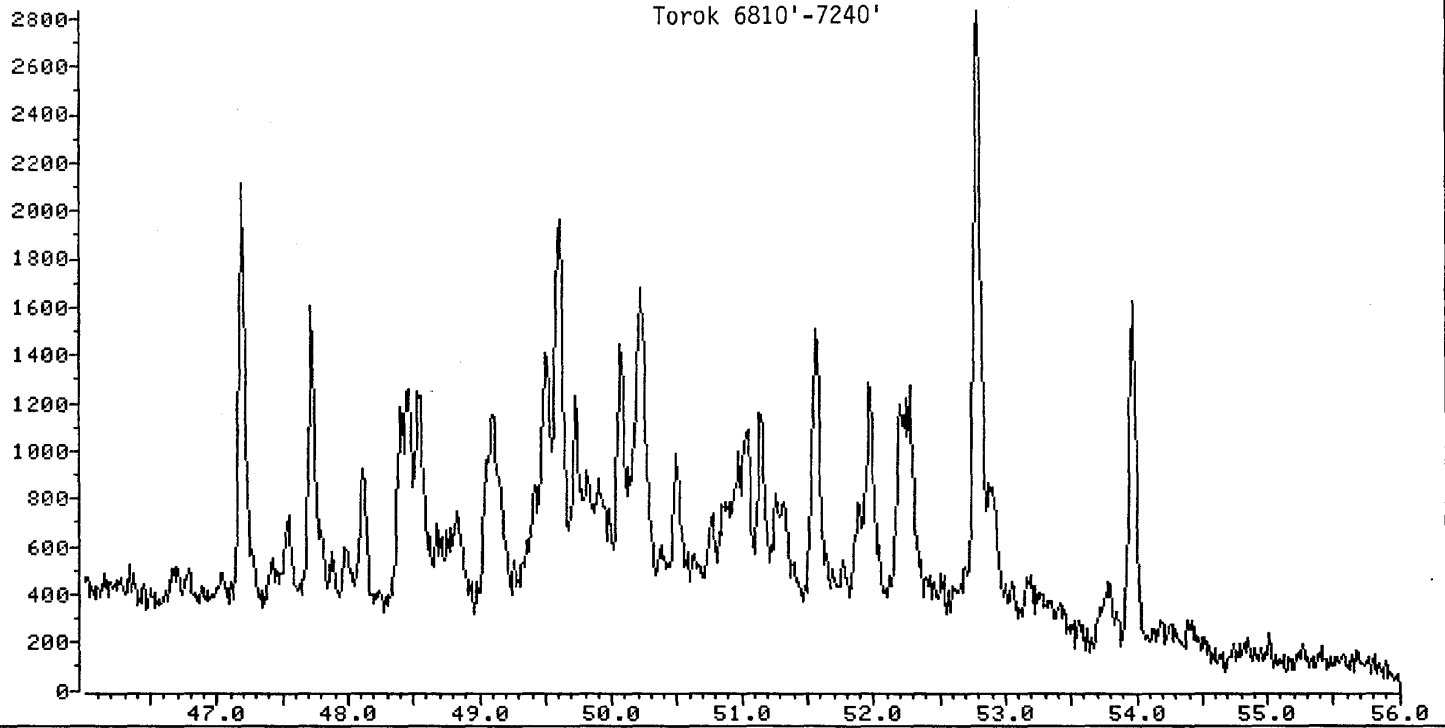
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ADC EIP

Torok 6810'-7240'



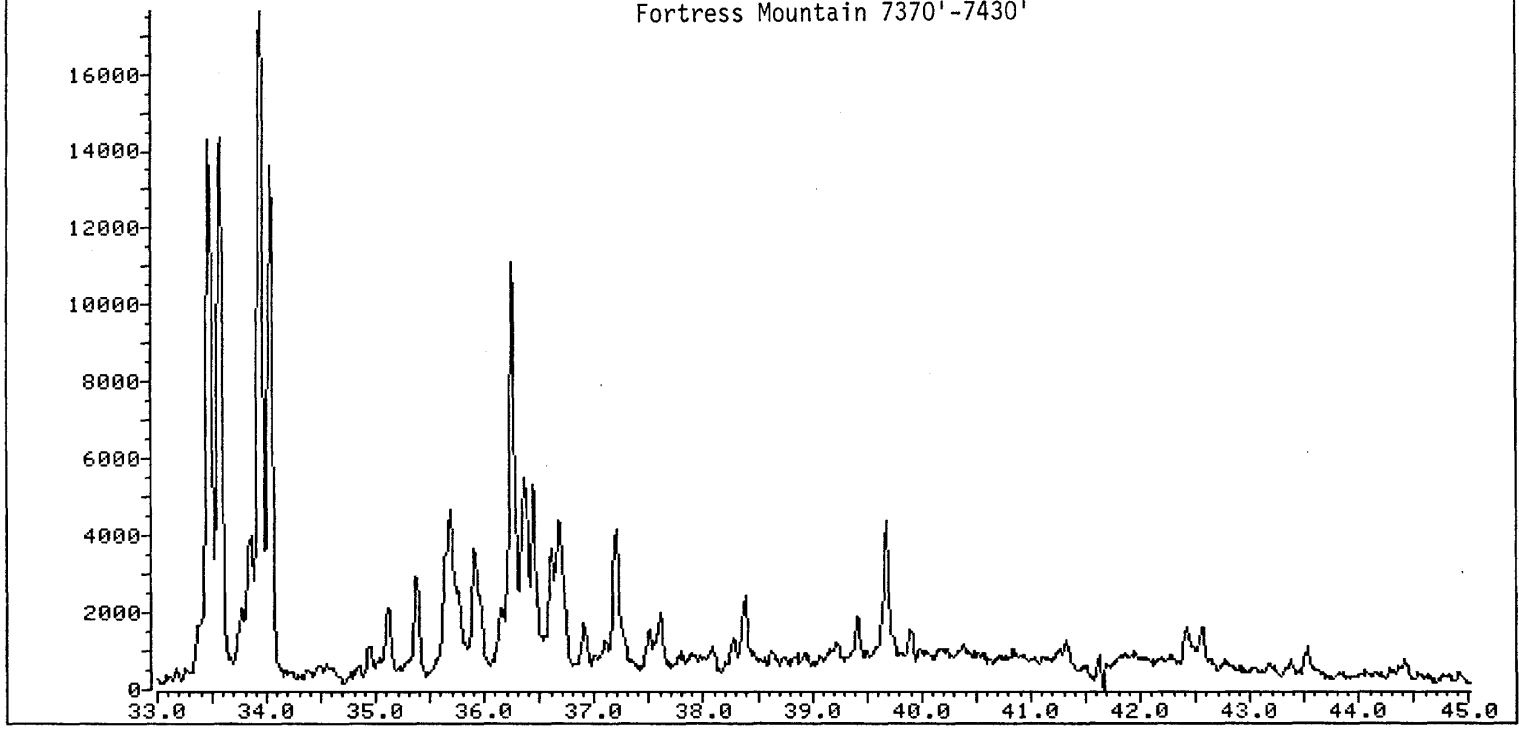
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ADC EIP

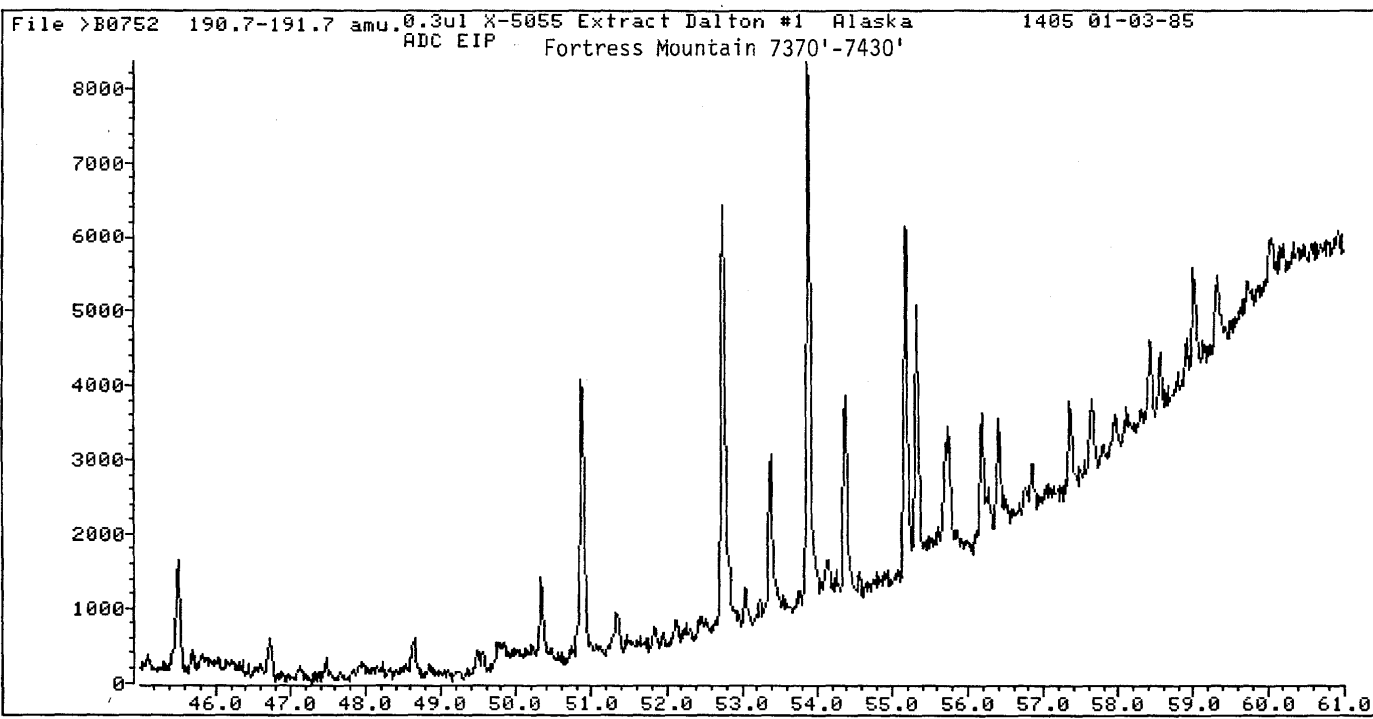
Torok 6810'-7240'

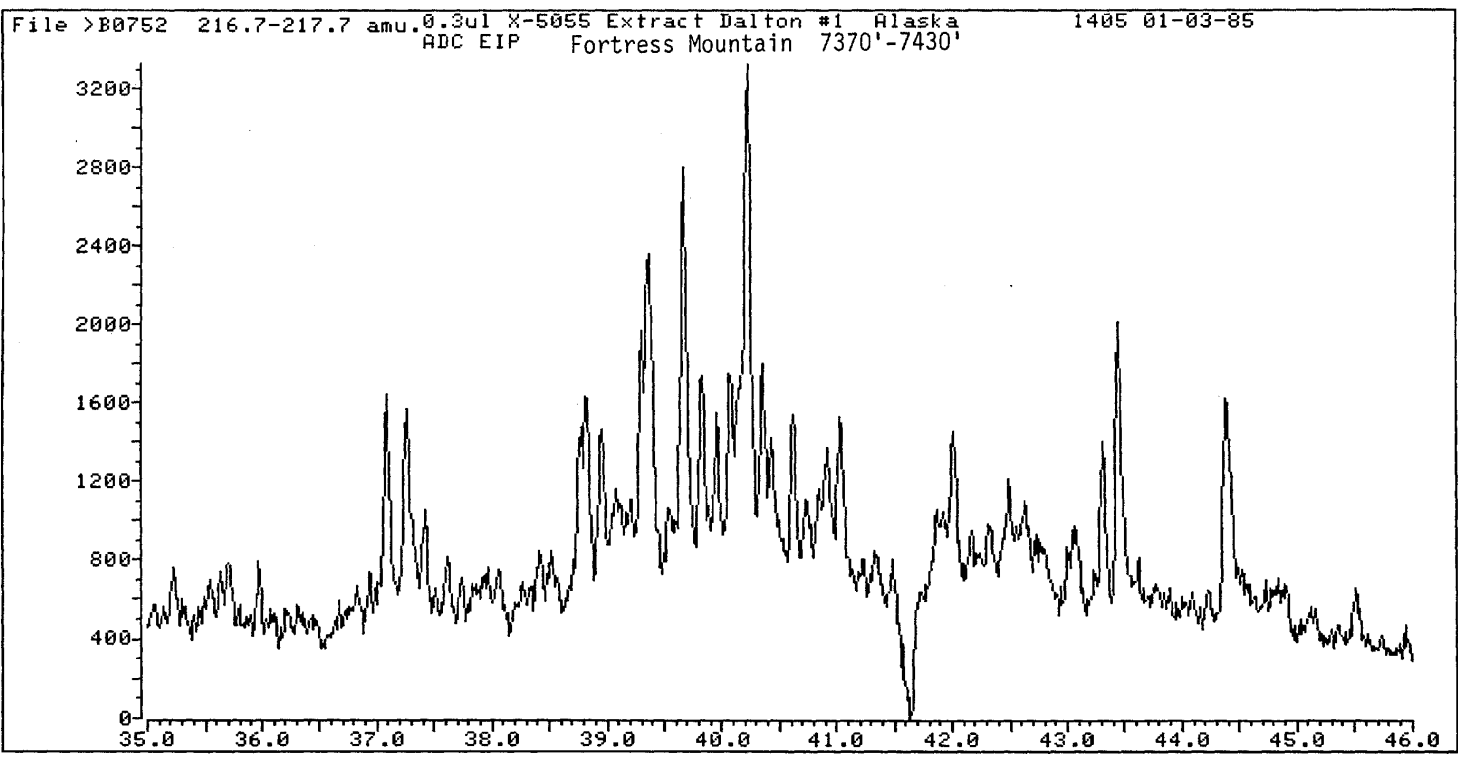


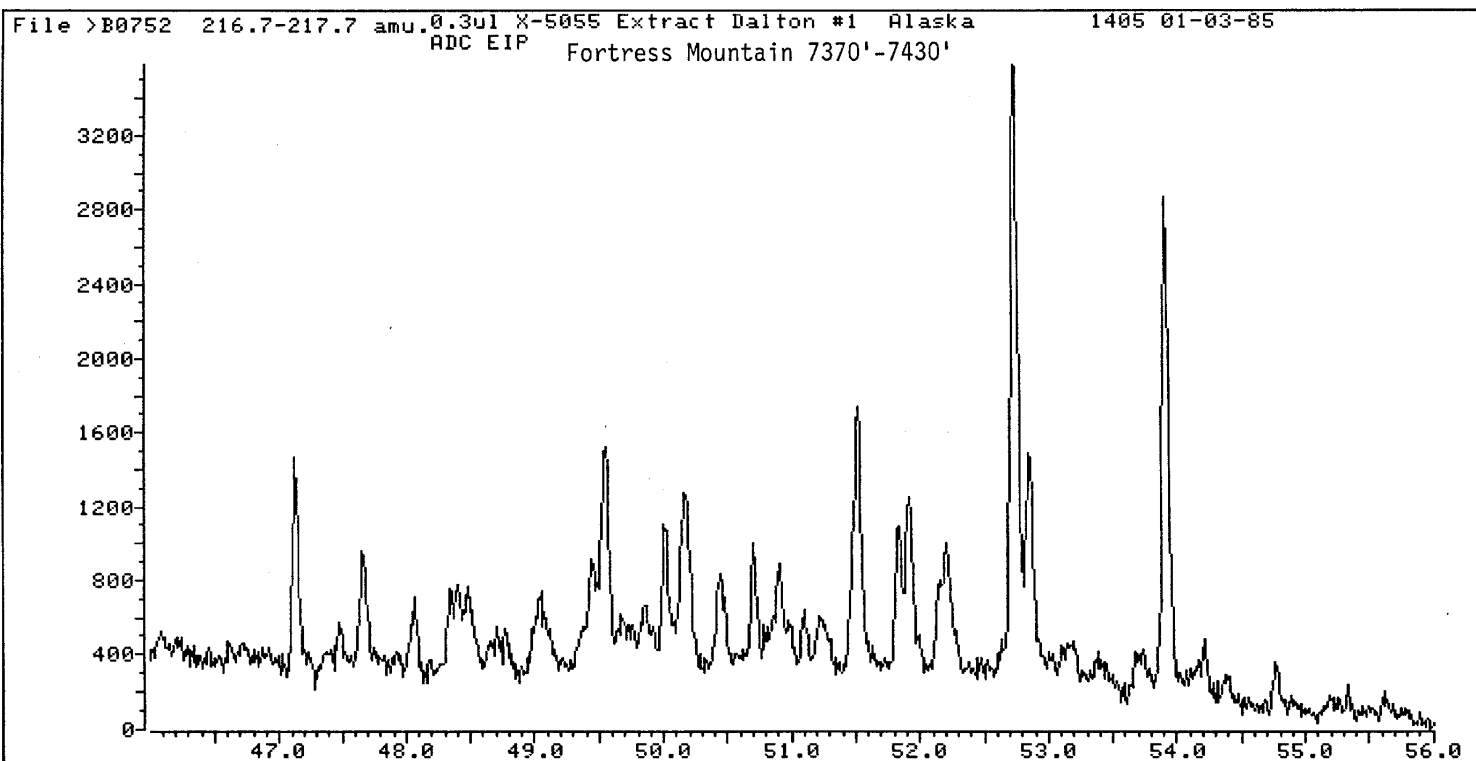
File >B0752 190.7-191.7 amu.0.3ul X-5055 Extract Dalton #1 Alaska 1405 01-03-85
ADC EIP

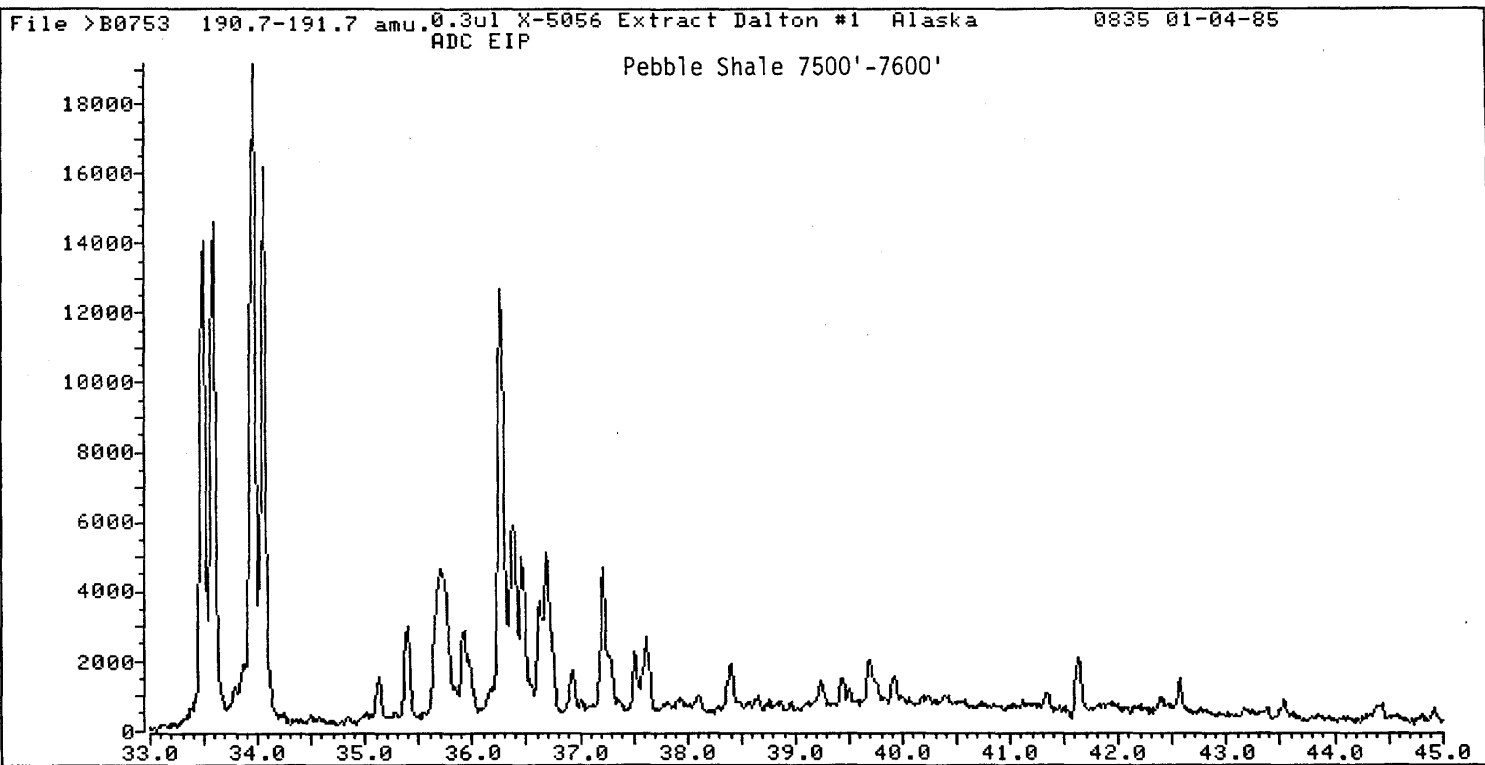
Fortress Mountain 7370'-7430'





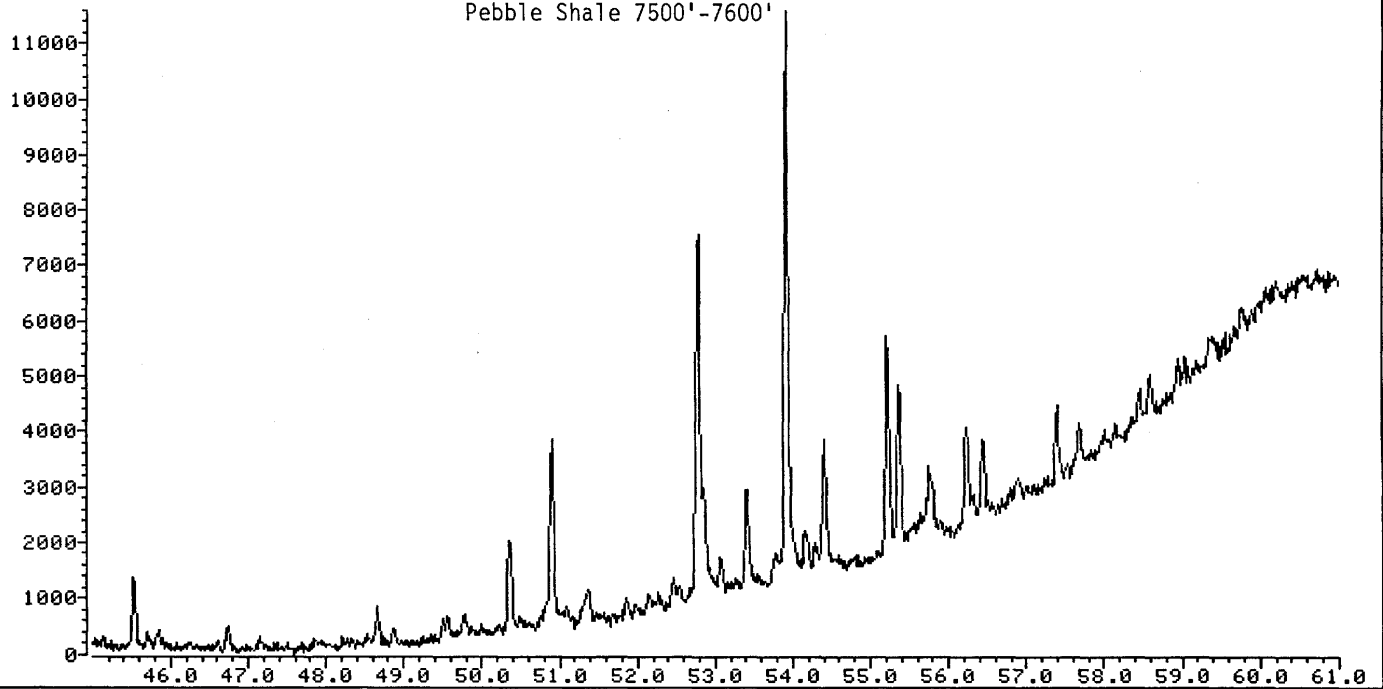


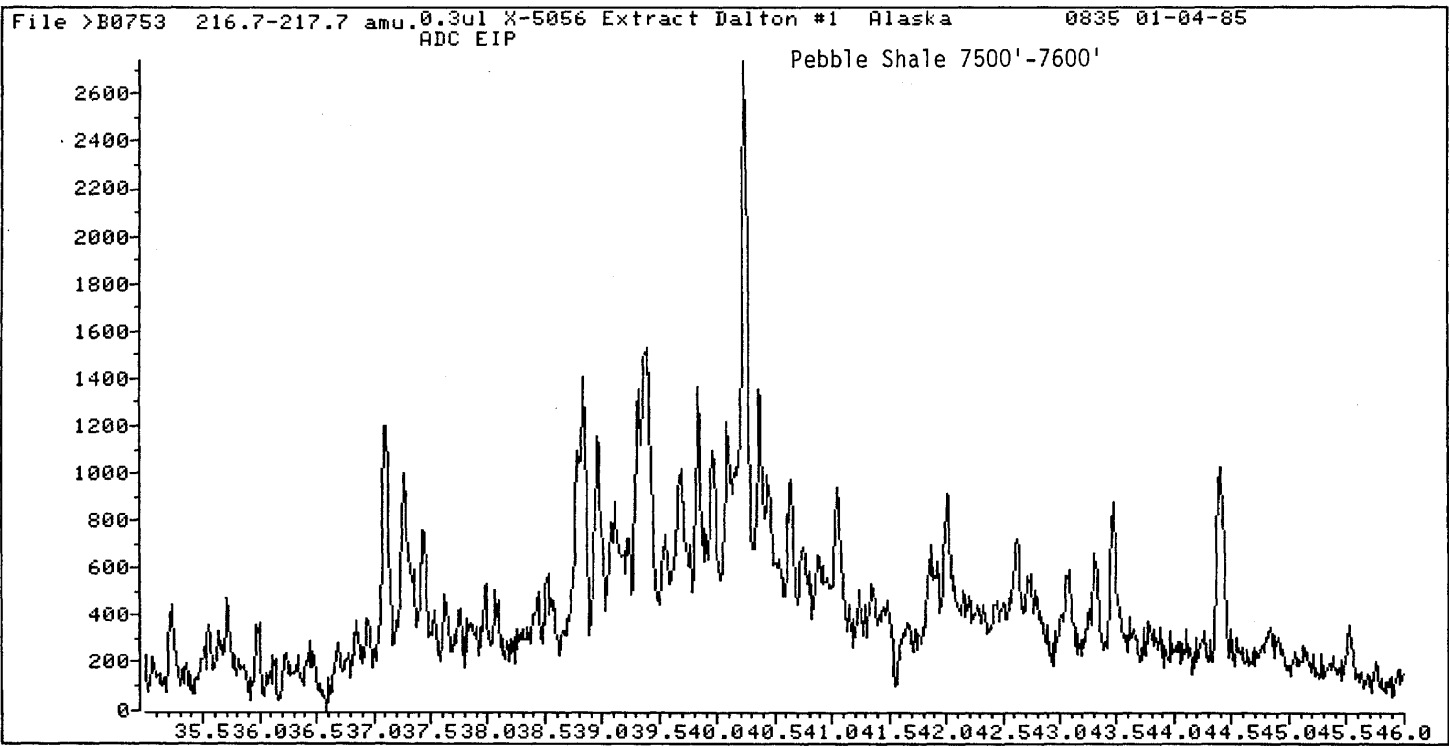




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ADC EIP

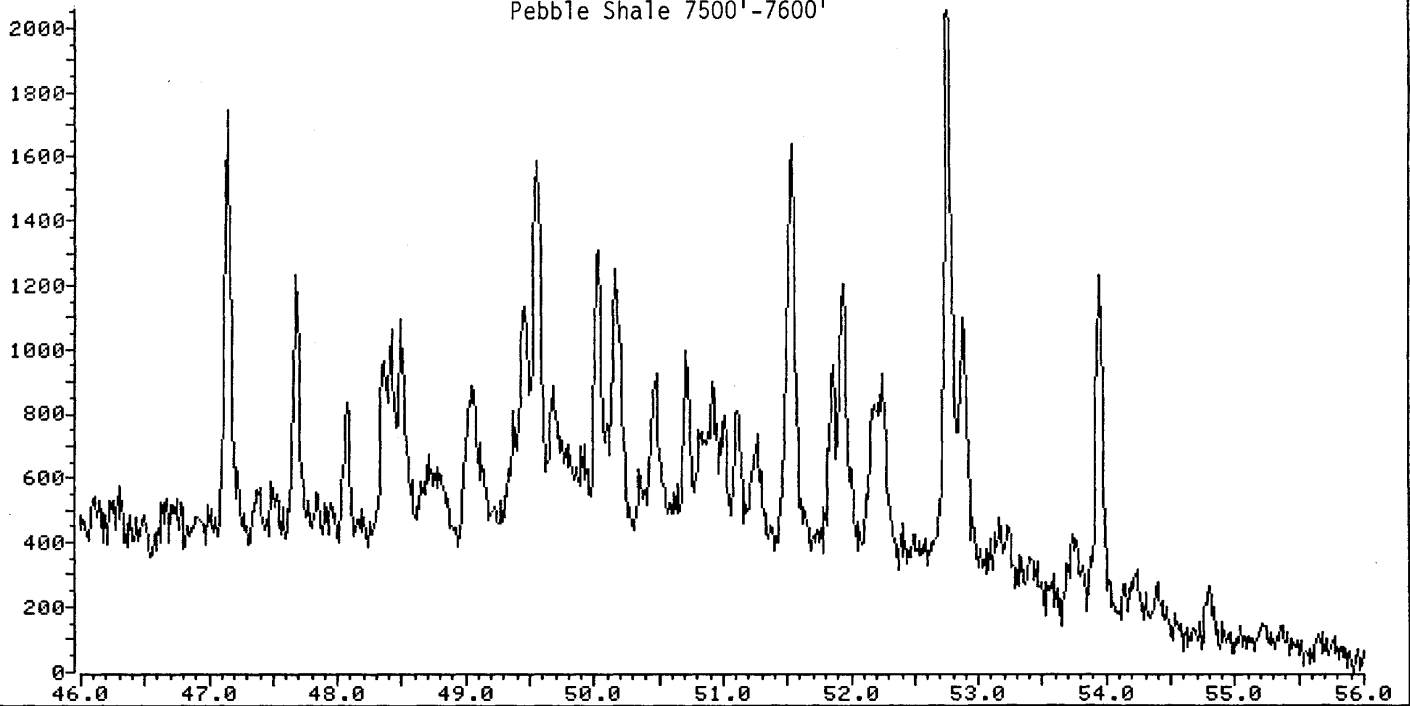
Pebble Shale 7500'-7600'





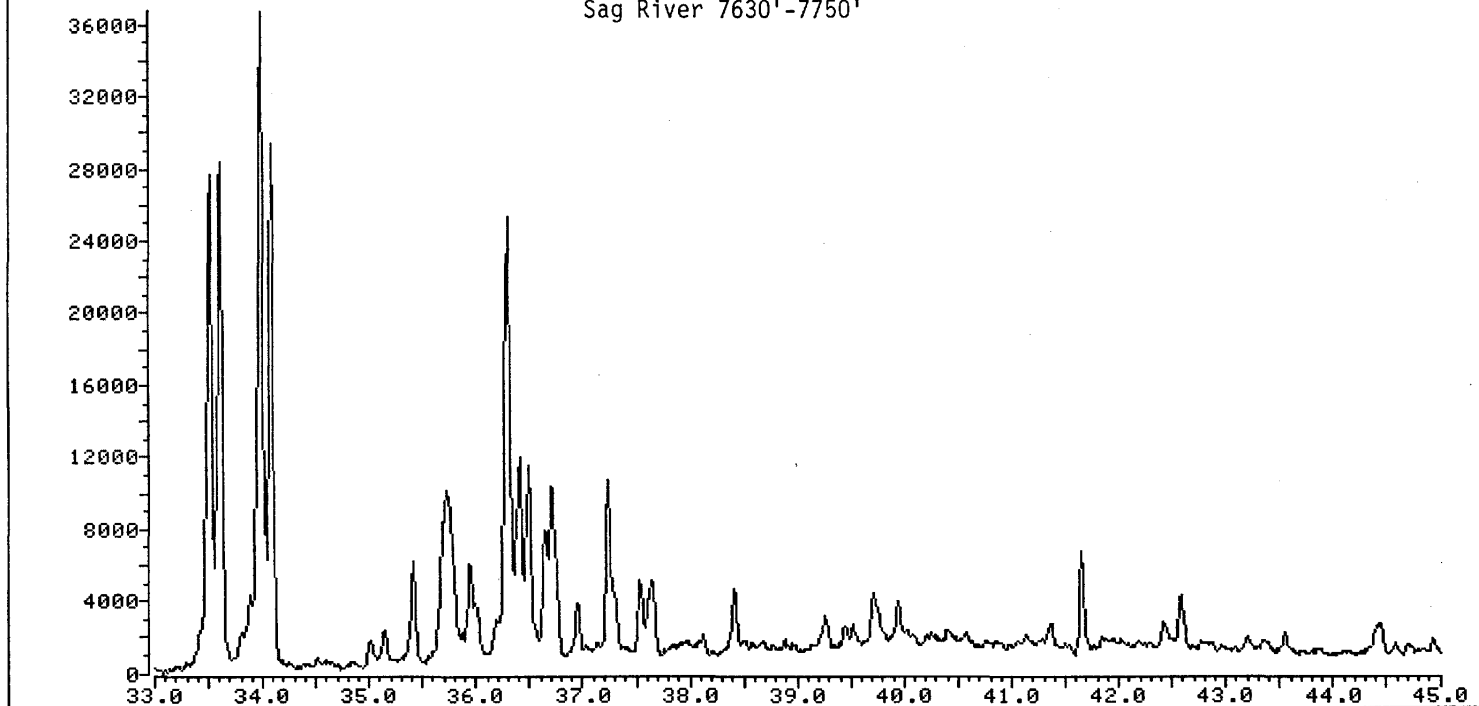
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ADC EIP

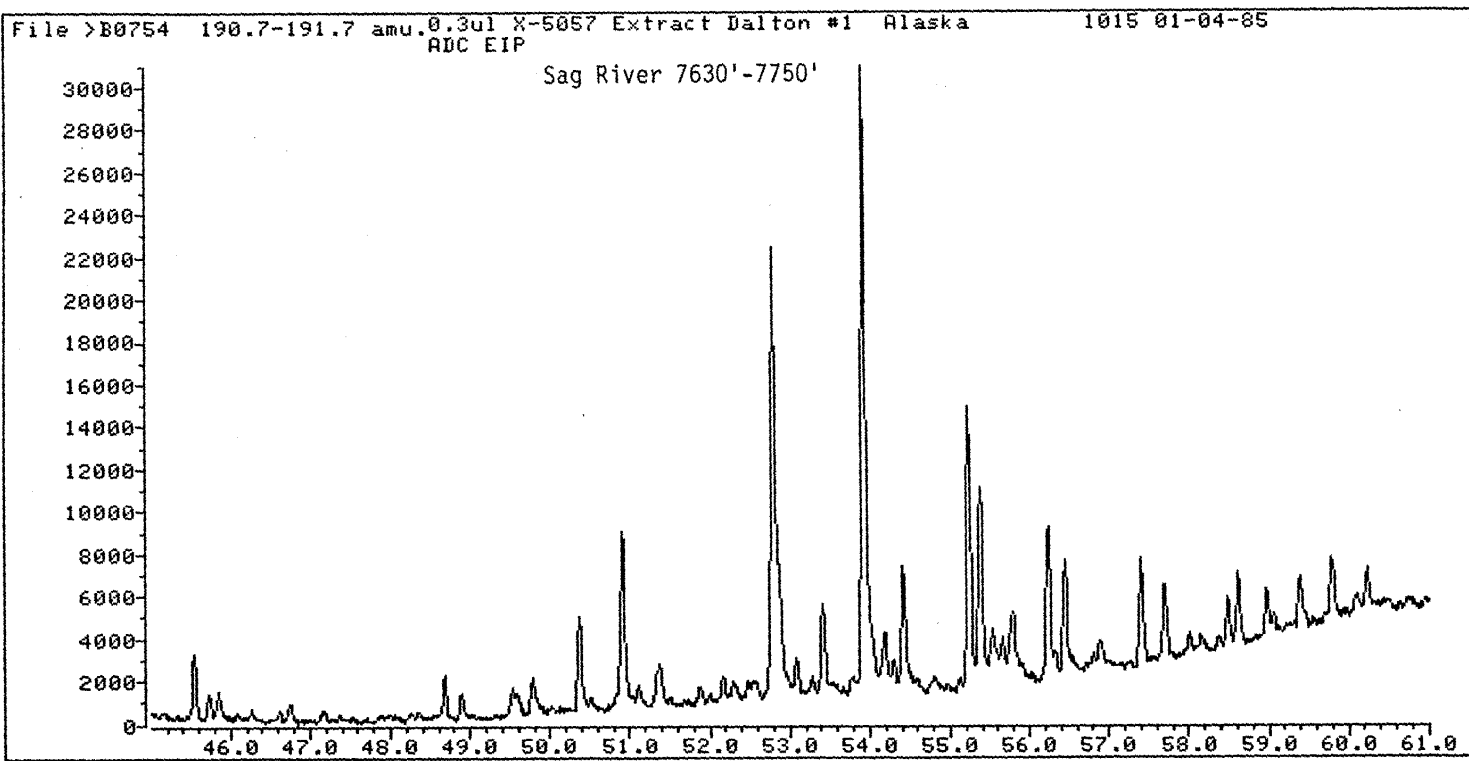
Pebble Shale 7500'-7600'



File >B0754 190.7-191.7 amu.0.3ul X-5057 Extract Dalton #1 Alaska 1015 01-04-85
ADC EIP

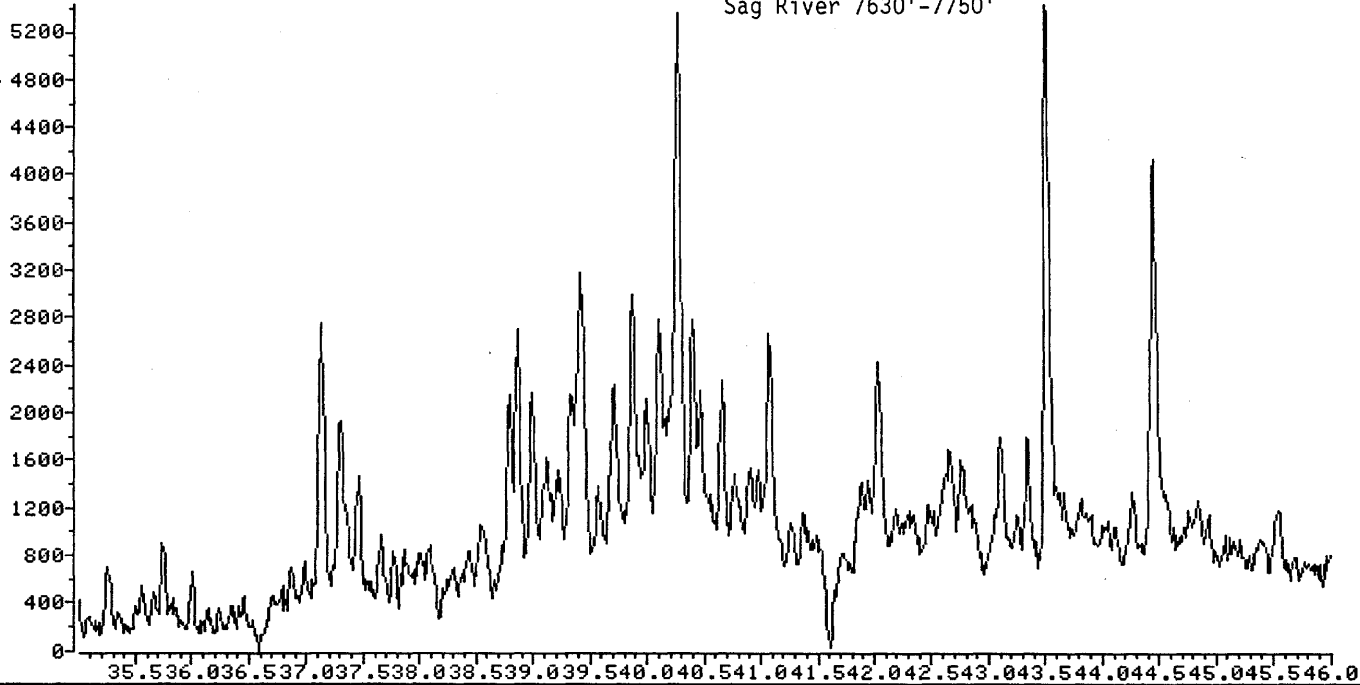
Sag River 7630'-7750'





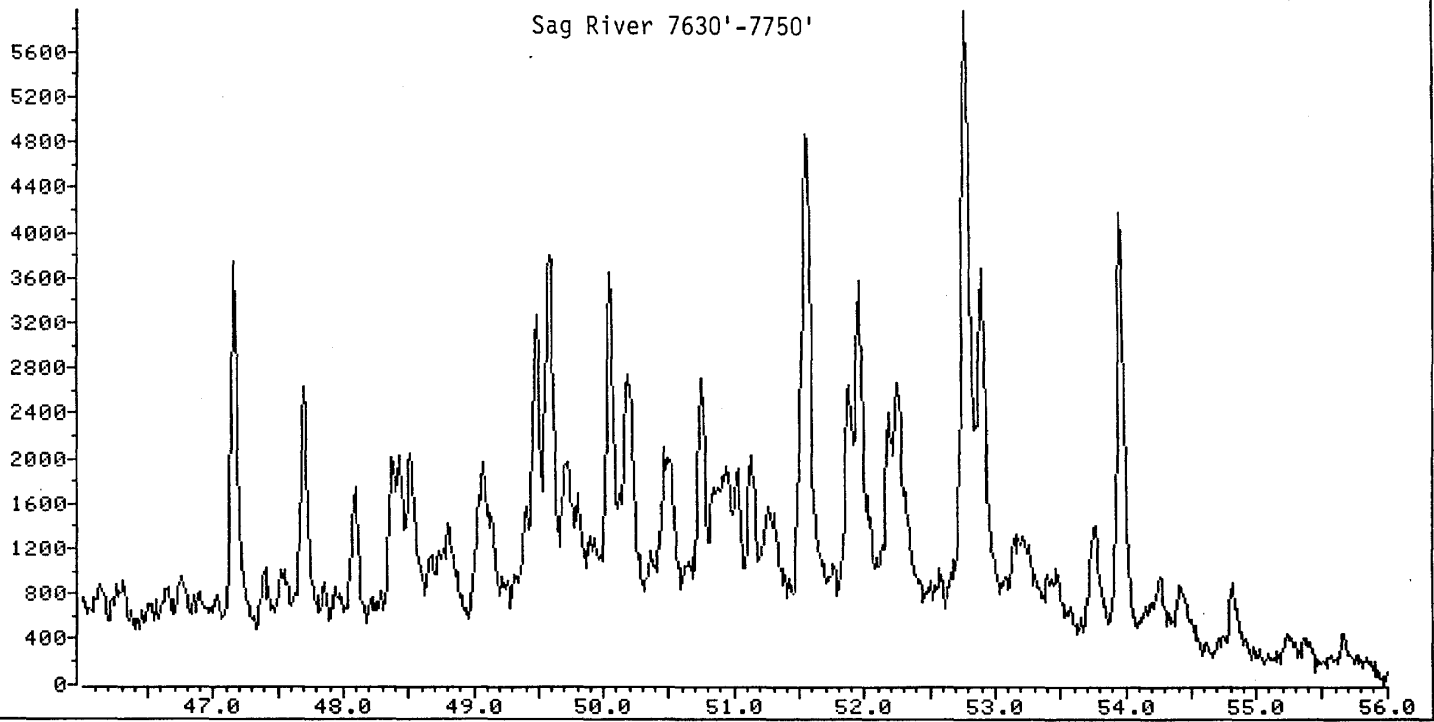
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ADC EIP

Sag River 7630'-7750'



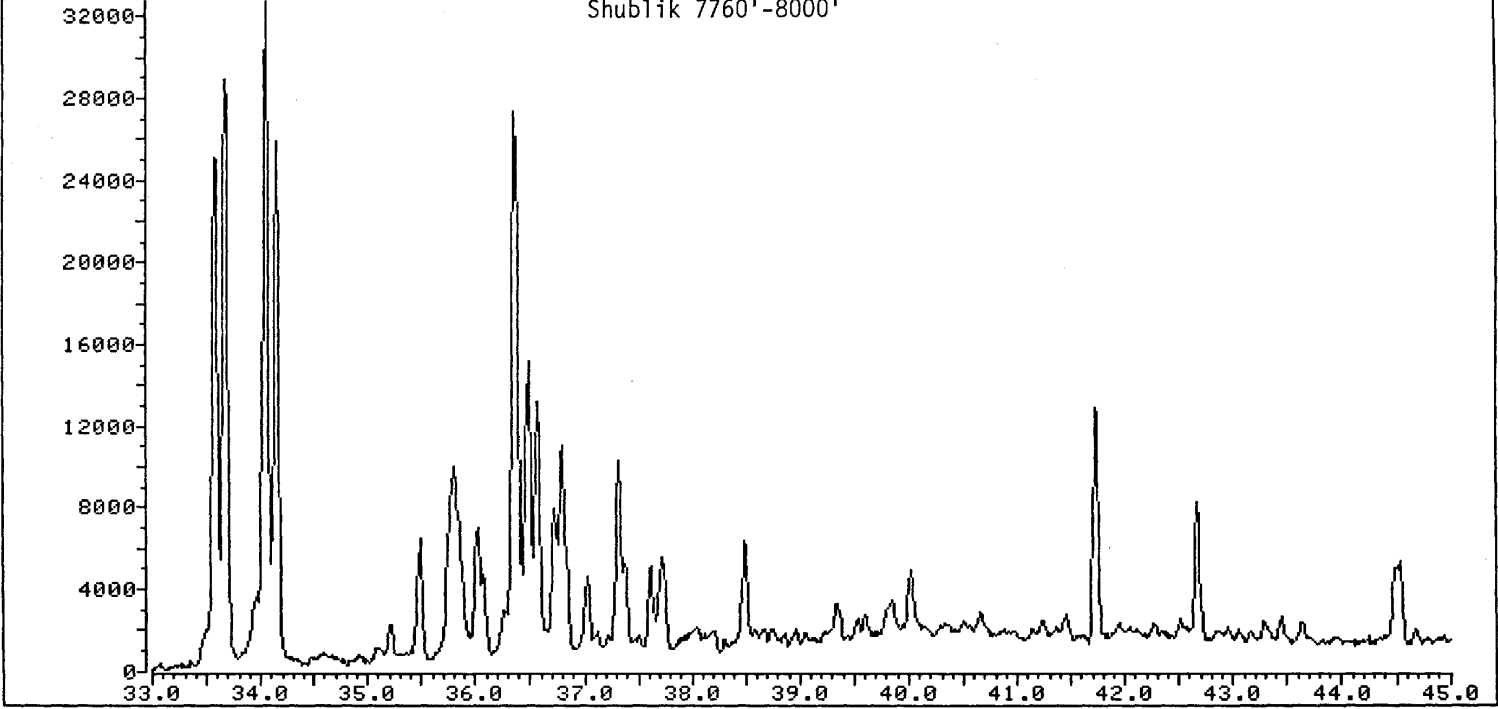
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ADC EIP

Sag River 7630'-7750'



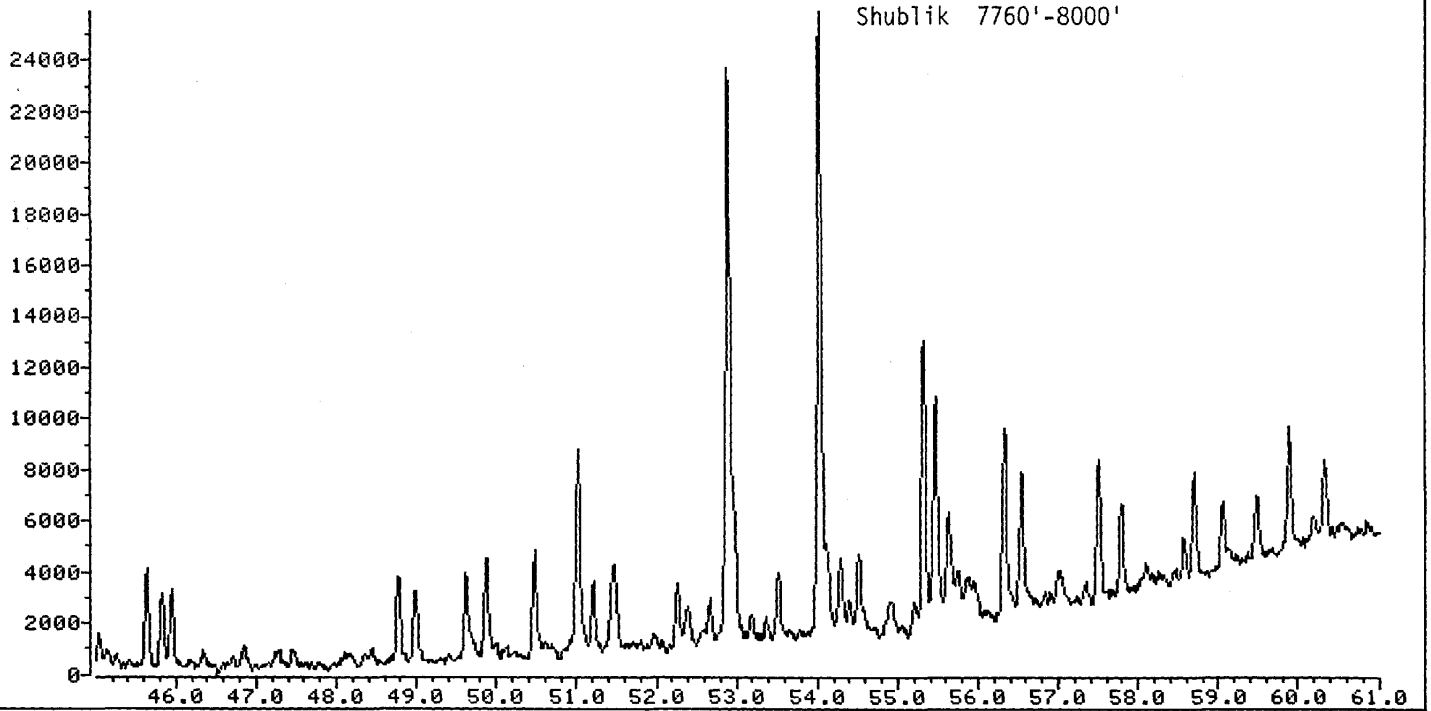
File >B0755 190.7-191.7 amu.0.3ul X-5058,59 Extr Dalton #1 Alaska 1145 01-04-85
ADC EIP

Shublik 7760'-8000'



File 200755 100.7-101.7 amu, 0.901 X=5058.59 Extr Halfen #1 Alaska 1145 01-04-85
ADC EIP

Shublik 7760'-8000'



File >B0755 216.7-217.7 amu.0.3ul X-5058,59 Extr Dalton #1 Alaska 1145 01-04-85
ADC EIP

