Biotest Studies	Sept 1968 Protocol #	Biotest Study #	Report Date	Status
Chicken Residue		J7010	4-69	Tissues used to verify procedures
Rat Tissue Study	I	J7009	4-69	Analysis of Aroclor tissues complete
Chicken Toxicity, Reproduction and Meat and Egg Residue Study	II	J7300	6-70	~ 220 Samples at Biotest
Mallard Duck Study	III			Deleted
3-Generation Reproduction Study in Rats	III	P7297	9-70 (15 mo)	No tissues collected?
2-Year Chronic Toxicity Study in Rats	II	B7298	9-70 (12 mo.)	~ 320 Samples 204 at So 2nd St.
2-Year Chronic Toxicity Study in Dogs	VI	C7299	12-70 (18 mo.)	No tissues collected?
Subacute Fish Toxicity Study	VII	A7204	6-69	Deleted.
		A8570		69 Fish samples ~200 Water samples at So. 2nd St.

740264 NEV 027009

PLAINTIFF'S EXHIBIT 1603-D

WATER_PCB-SD0000055229

#B7298 Two Year Chronic Oral Toxicity Study Of Aroclor In Albino Rats Adverse Effects

		3 Mo. Sacrifice						6 Mo. Sacrifice						12 Mo. Sacrifice						24 Mo. Sacrifice					
		1 ppm		10 ppm		100 ppm		1 ppm		10 ppm		100 ppm		1 ppm		10 ppm		100 ppm		1 ppm		10 ppm		100 ppm	
		♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀
Aroclor 1242	Muscle														x	x		x							
	Kidney														x	x		x							
	Liver														x	x		x							
	Fat														x	x		x							
Aroclor 1254	Muscle														x	x									
	Kidney														x	x									
	Liver														x	x									
	Fat														x	x									
Aroclor 1260	Muscle													x		x									
	Kidney													x		x									
	Liver													x		x									
	Fat													x		x									
Control	Muscle			*						*				x		*						*			
	Kidney													x											
	Liver													x											
	Fat													x											

* Common control, one per sacrifice.

A) Enlarged liver

☆ Samples at So 2nd St (12 mo. sacrifice)
(Samples of all tissues through 6 mo. sacrifice at So 2nd St.)

NEV 027010

740265

WATER_PCB-SD0000055230

#J7300 Toxicity, Reproduction and Residue Study on Aroclor in White Leghorn Chickens, Adverse Effects

		Test Sacrifice (1)						1st wk.	2nd wk.	3rd wk.	4th wk.	1st wk.	2nd wk.	3rd wk.	4th wk.	1st wk.	2nd wk.	3rd wk.	4th wk.	Recovery Sacrifice (2)					
		1 ppm		10 ppm		100 ppm		1 ppm				10 ppm				100 ppm				1 ppm		10 ppm		100 ppm	
		♂	♀	♂	♀	♂	♀	Recovery Period												♂	♀	♂	♀	♂	♀
Aroclor 1242	Muscle	m(1)	m(1)		m(1)																				
	Kidney	m(1)	m(1)		m(1)																				
	Liver	m(1)	m(1)		m(1)																				
	Fat	m(1)	m(1)		m(1)																				
	Egg																								
Aroclor 1254	Muscle	m(1)	m(1)	m(1)	m(1)																	m(1)	m(1)		
	Kidney	m(1)	m(1)	m(1)	m(1)																	m(1)	m(1)		
	Liver	m(1)	m(1)	m(1)	m(1)																	m(1)	m(1)		
	Fat	m(1)	m(1)	m(1)	m(1)																	m(1)	m(1)		
	Egg																								
Aroclor 1260	Muscle	m(1)	m(1)	m(1)	m(1)	m(1)	m(1)																		
	Kidney	m(1)	m(1)	m(1)	m(1)	m(1)	m(1)																		
	Liver	m(1)	m(1)	m(1)	m(1)	m(1)	m(1)																		
	Fat	m(1)	m(1)	m(1)	m(1)	m(1)	m(1)																		
	Egg																								
Control	Muscle	m(10)	m(10)	*				*				*										*			
	Kidney	m(10)	m(10)																						
	Liver	m(10)	m(10)																						
	Fat	m(10)	m(10)																						
	Egg																								

* Common control

(1) Between 22nd and 26th week

(2) Between 26th and 30th week

A) Lower body weights
B) Lower feed consumption
C) Lower egg production

D) Poor hatchability of eggs
E) Thinner eggshells
M) Mortalities (number)

Please note: Results above are for the test groups rather than individual birds or tissues.

NEV 027011

740266

WATER_PCB-SD0000055231

ppm Wet Weight Basis

		3 Mo. Sacrifice					
		1 ppm		10 ppm		100 ppm	
		♂	♀	♂	♀	♂	♀
1.) Aroclor 1242	Muscle	0.4	1	0.7	2	4	6
	Kidney	0.2	(2) 2	0.5	0.3	0.8	0.9
	Liver	0.1	0.1	0.2	0.3	0.9	0.9
	Fat	5	6	12	12	44	75
Aroclor 1254	Muscle	2	1	8	8	31	62
	Kidney	0.2	0.2	1	1	5	8
	Liver	0.1	0.1	1	1	18	12
	Fat	8	3	84	66	306	(2111)
Aroclor 1260	Muscle	(9)	2	6	11	11	10
	Kidney	0.1	0.5	1	4	14	18
	Liver	0.2	—	1	2	18	19
	Fat	—	28	110	(724)	(366)	599

1.) Calculated as Aroclor 1254

2.) Aroclor 1260

NEV 027012

740267

WATER_PCB-SD0000055232

ppm Lipid Weight Basis

		3 Mo. Sacrifice					
		1. ppm		10 ppm		100 ppm	
		♂	♀	♂	♀	♂	♀
1.) Aroclor 1242	Muscle	5	10	13	18	64	89
	Kidney	7	(2) 72	21	16	41	40
	Liver	10	12	20	31	82	72
	Fat	6	6	13	13	53	81
Aroclor 1254	Muscle	9	12	85	107	426	1026
	Kidney	11	12	54	41	233	323
	Liver	15	20	108	122	(3239)	1137
	Fat	8	3	86	66	329	(2362)
Aroclor 1260	Muscle	(98)	16	44	76	137	156
	Kidney	7	22	66	142	606	831
	Liver	20	—	112	93	1539	1815
	Fat	—	32	138	(760)	(1060)	672

1.) Calculated as Aroclor-1254

2.) Aroclor 1260

NEV 027013

740268

WATER_PCB-SD0000055233

		3 Mo. Sacrifice					
		1 ppm		10 ppm		100 ppm	
		♂	♀	♂	♀	♂	♀
1) Aroclor 1242	Muscle	5	10	13	18	64	89
	Kidney	7	72 (2)	21	16	41	40
	Liver	10	12	20	31	82	72
	Fat	6	6	13	15	53	81

1) Calculated as Aroclor 1254

2) Aroclor 1260

		3 Mo. Sacrifice					
		1 ppm		10 ppm		100 ppm	
		♂	♀	♂	♀	♂	♀
Aroclor 1254	Muscle	9	12	85	107	486	1026
	Kidney	11	12	54	41	233	323
	Liver	15	20	108	122	3239	1137
	Fat	8	3	86	66	329	2362

NEV 027015

740270

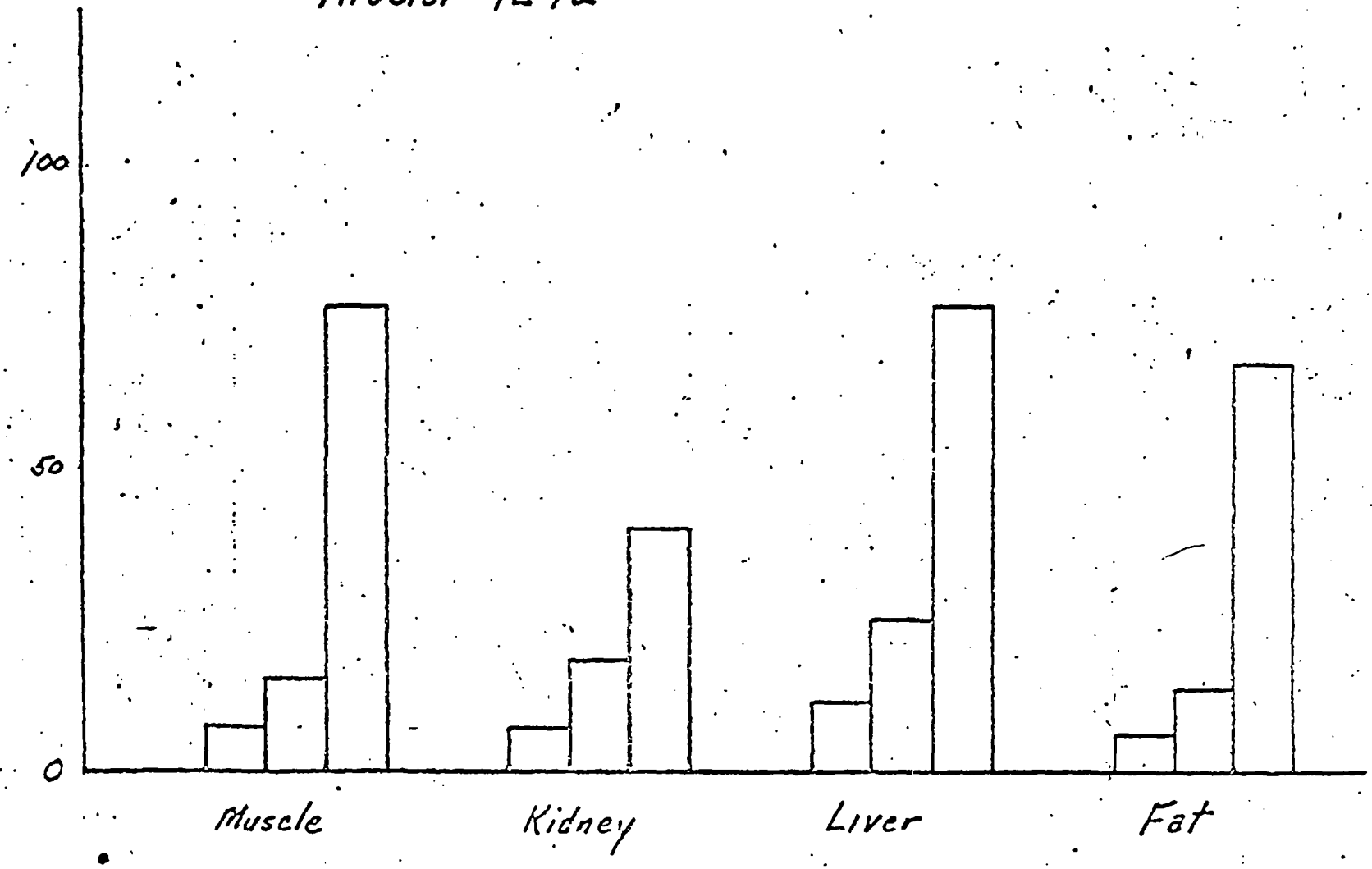
WATER_PCB-SD0000055235

		3 Mo. Sacrifice					
		1 ppm		10 ppm		100 ppm	
		♂	♀	♂	♀	♂	♀
Aroclor 1260	Muscle	98	16	44	76	137	156
	Kidney	7	22	66	142	606	831
	Liver	20	—	112	93	1539	1815
	Fat	—	32	138	760	1060	672

NEV 027016

740271

WATER_PCB-SD0000055236



NEV 027017
740272

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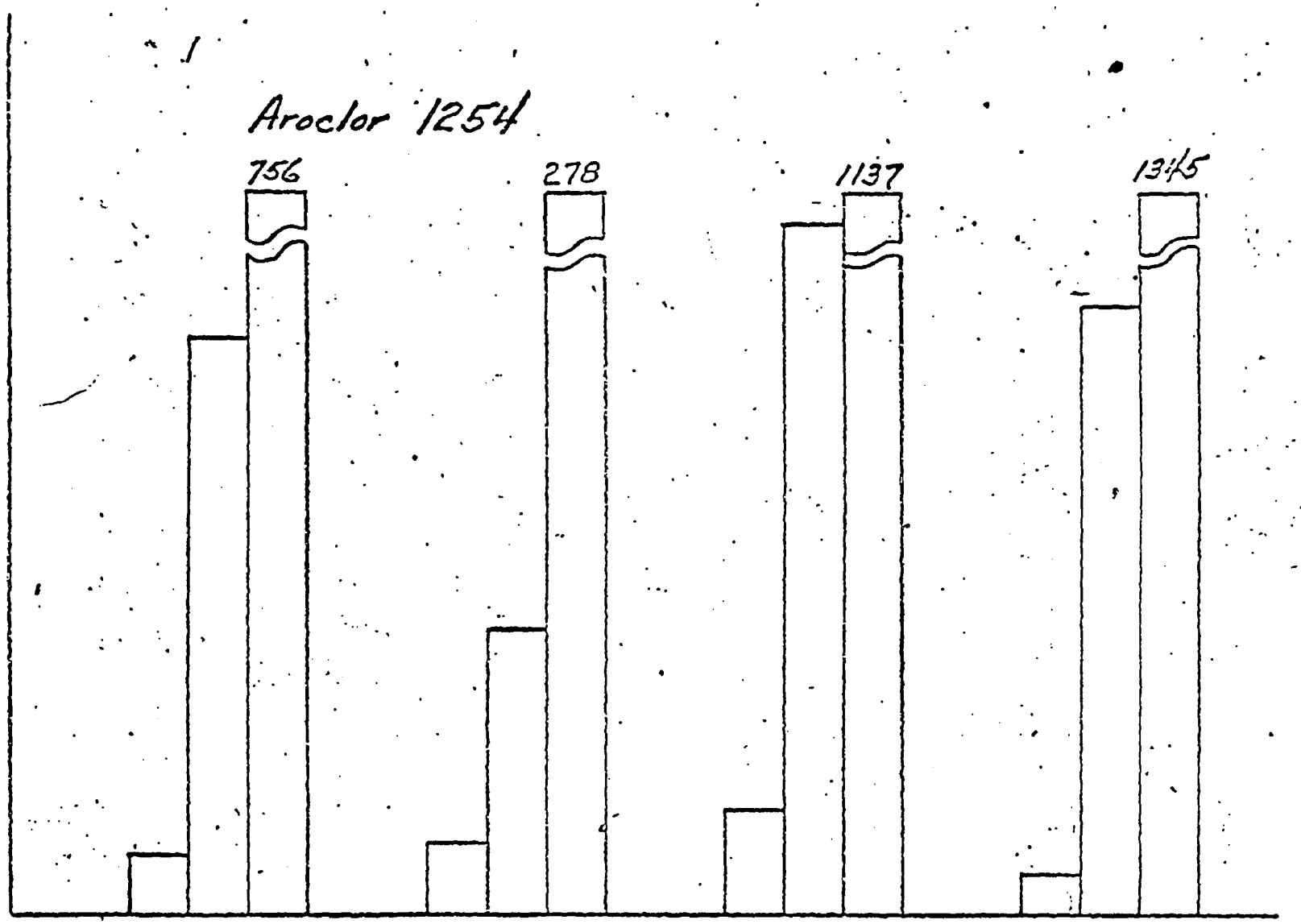

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NEV 027018

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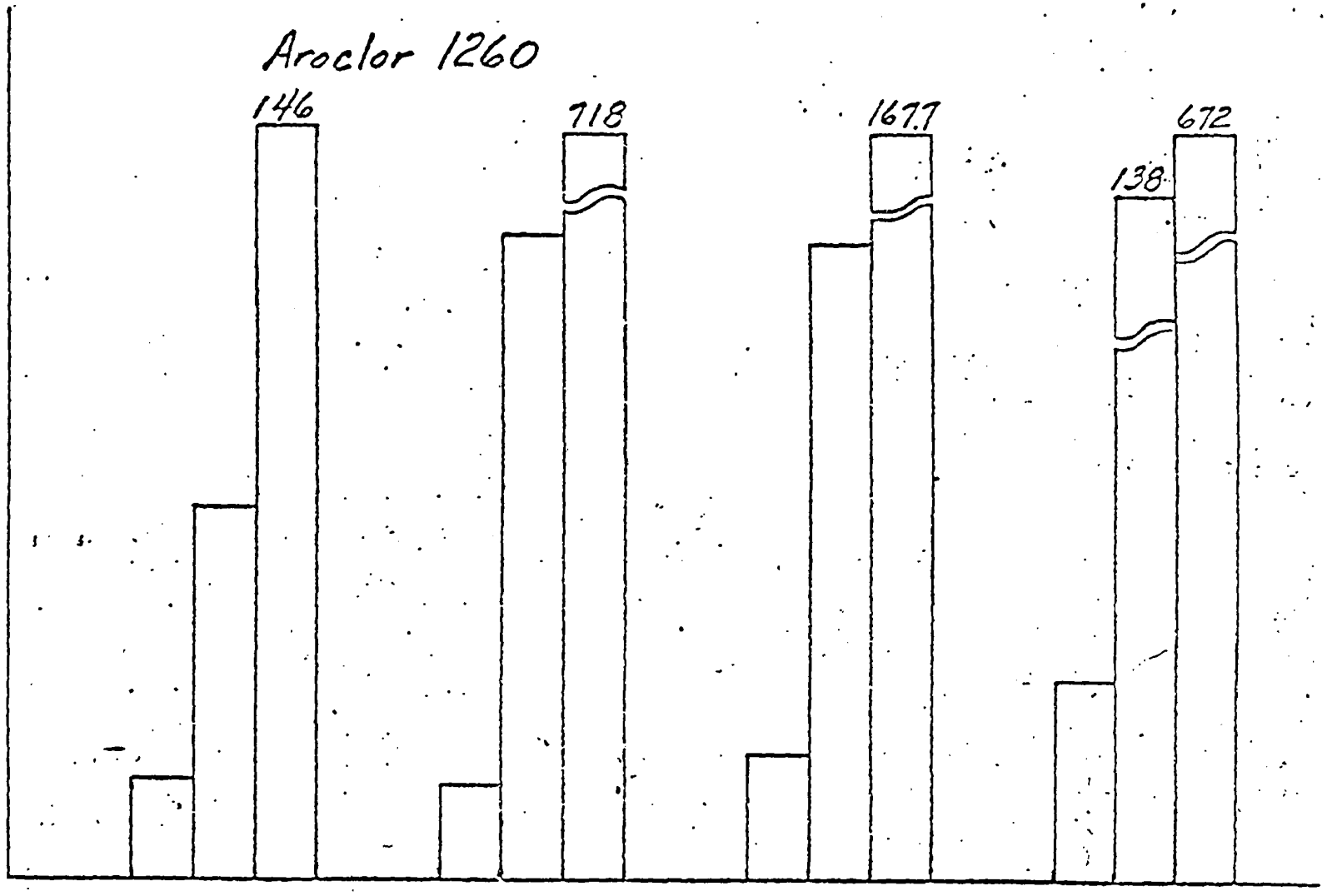

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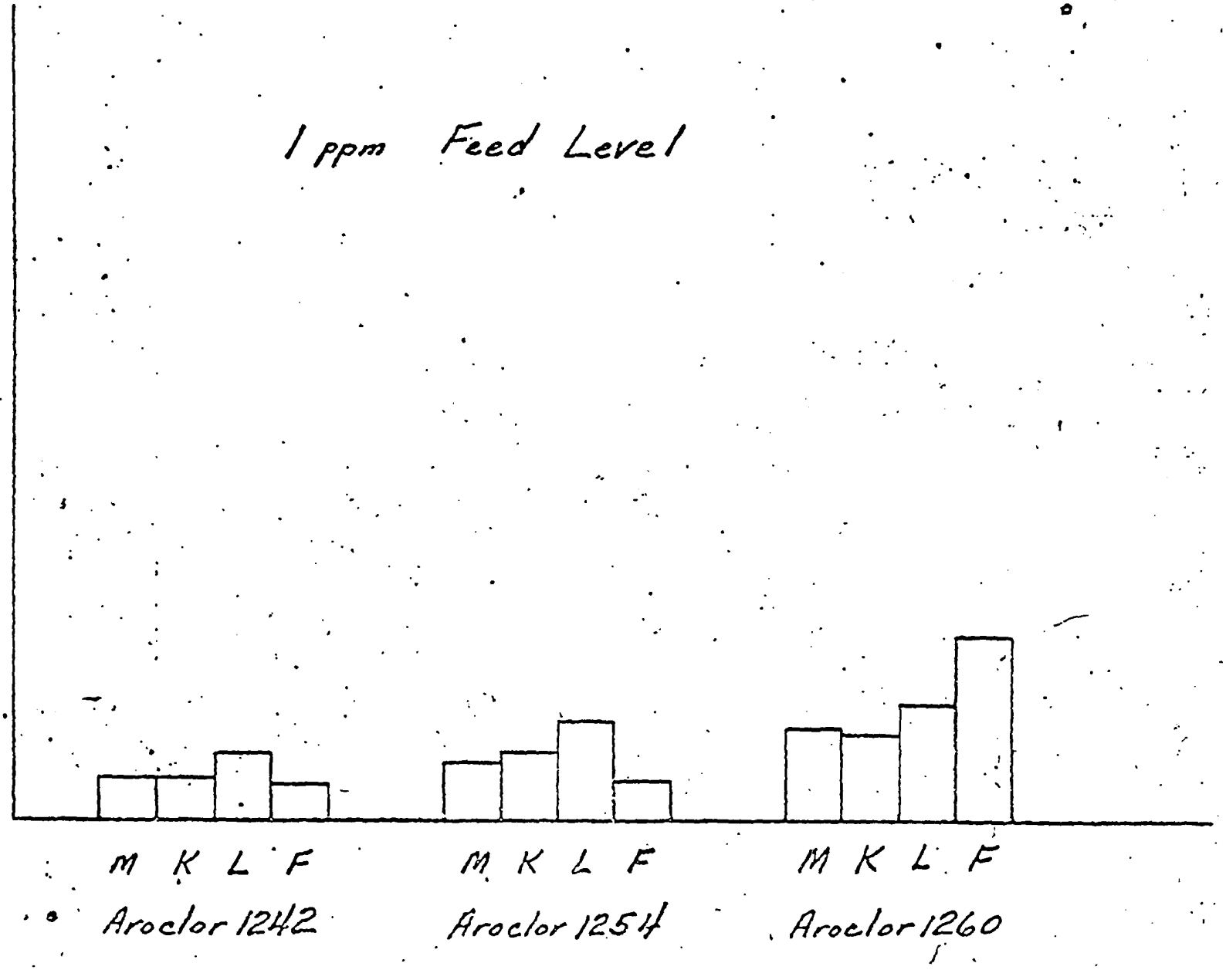

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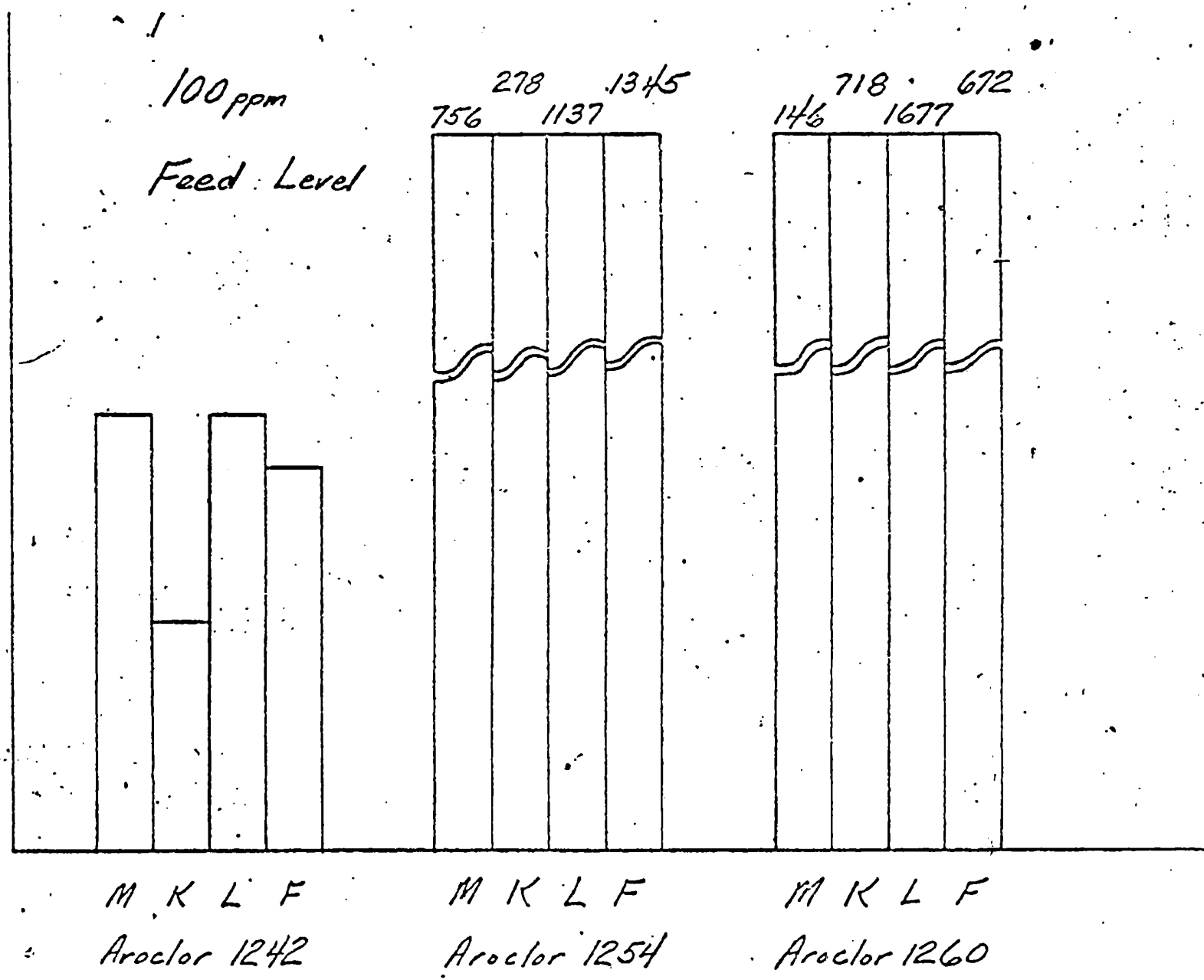

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NEV 027022

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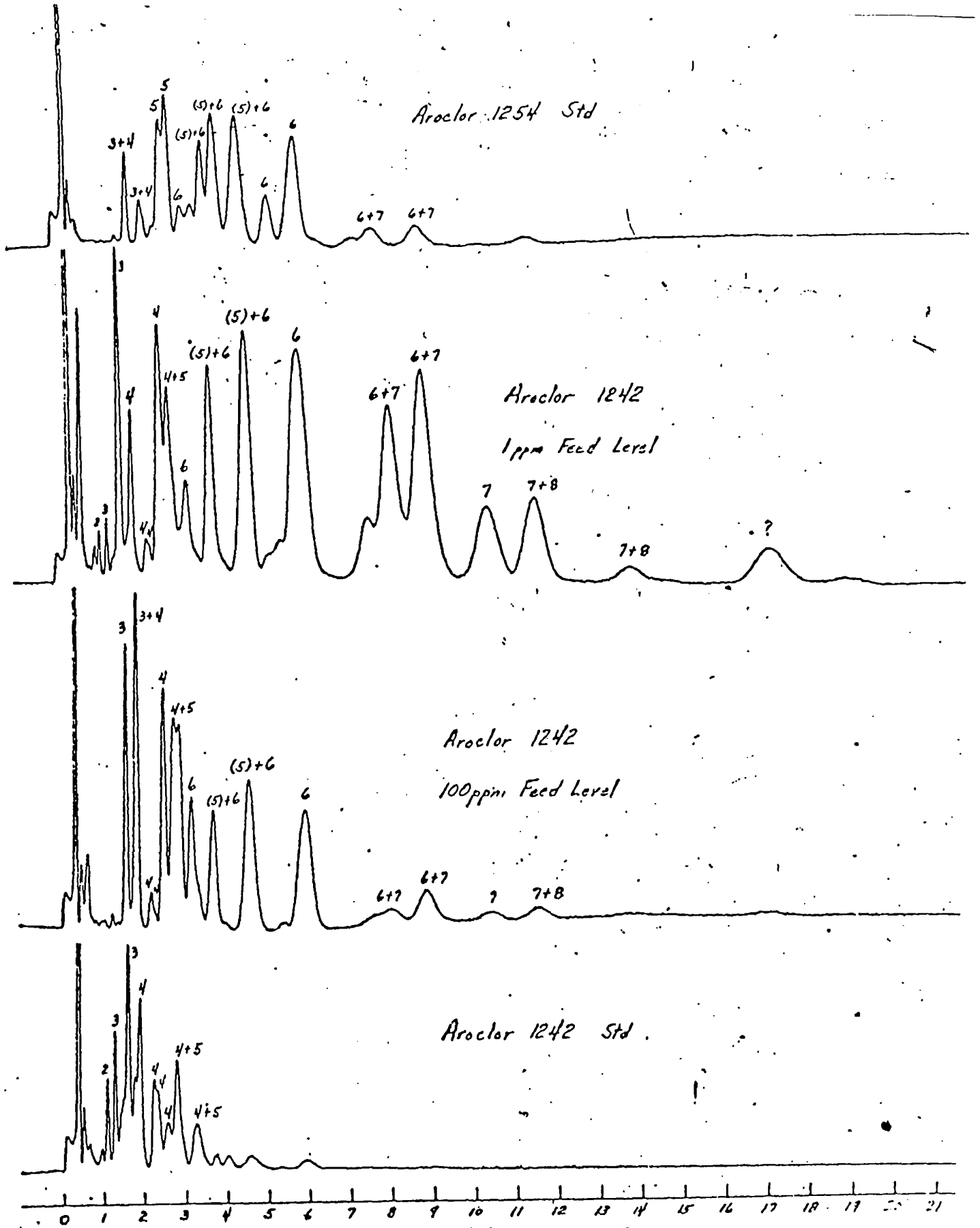

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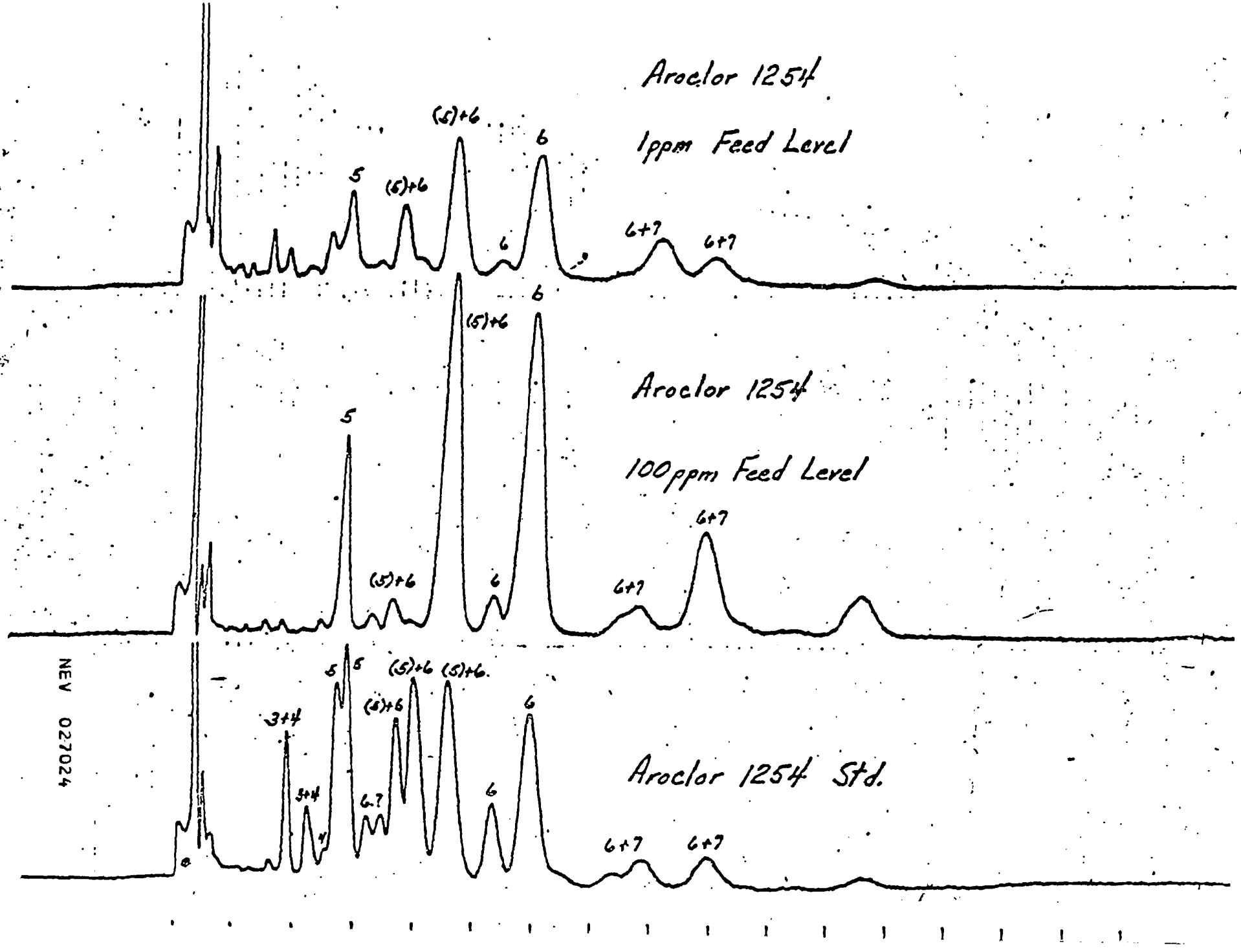

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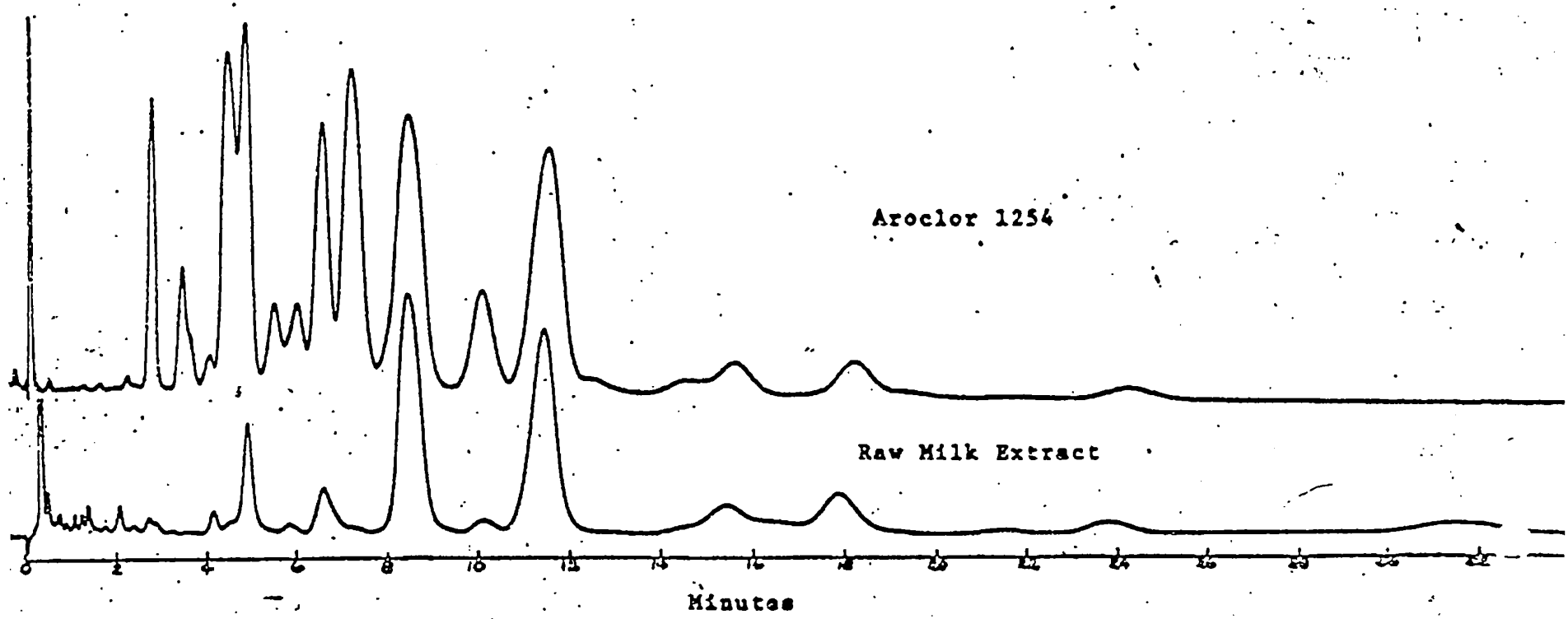

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NEV 027025

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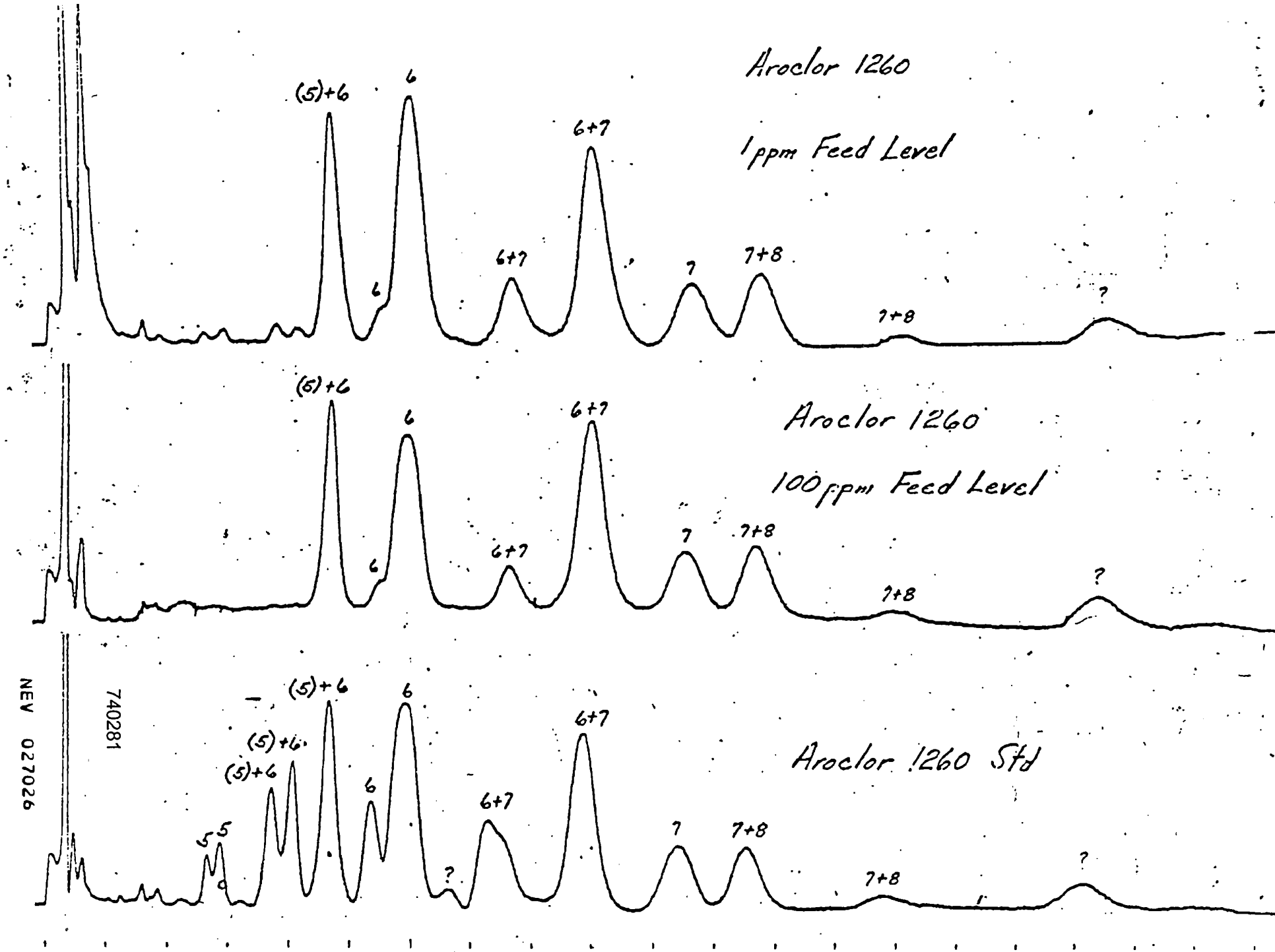

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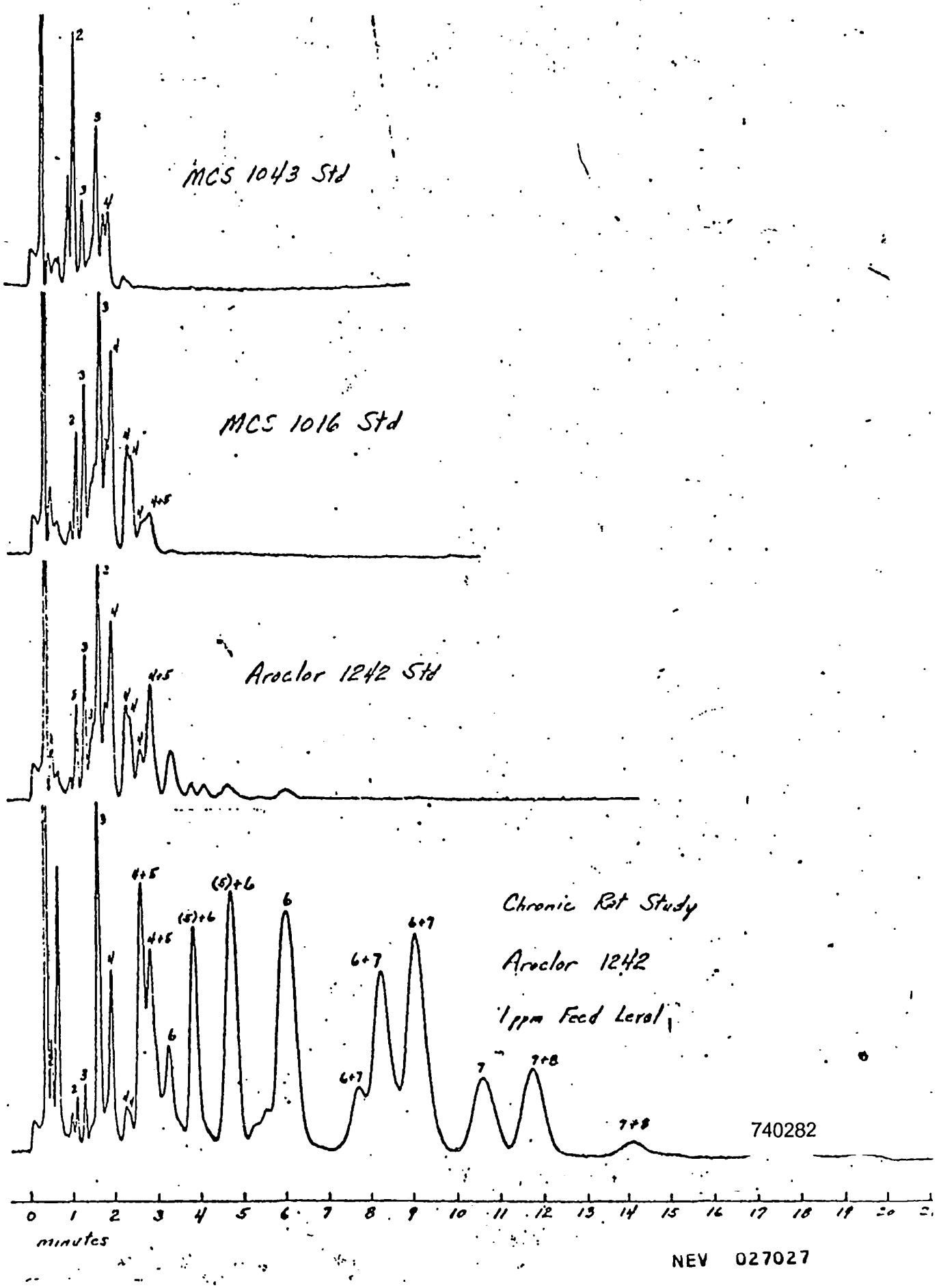

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