

Information Details

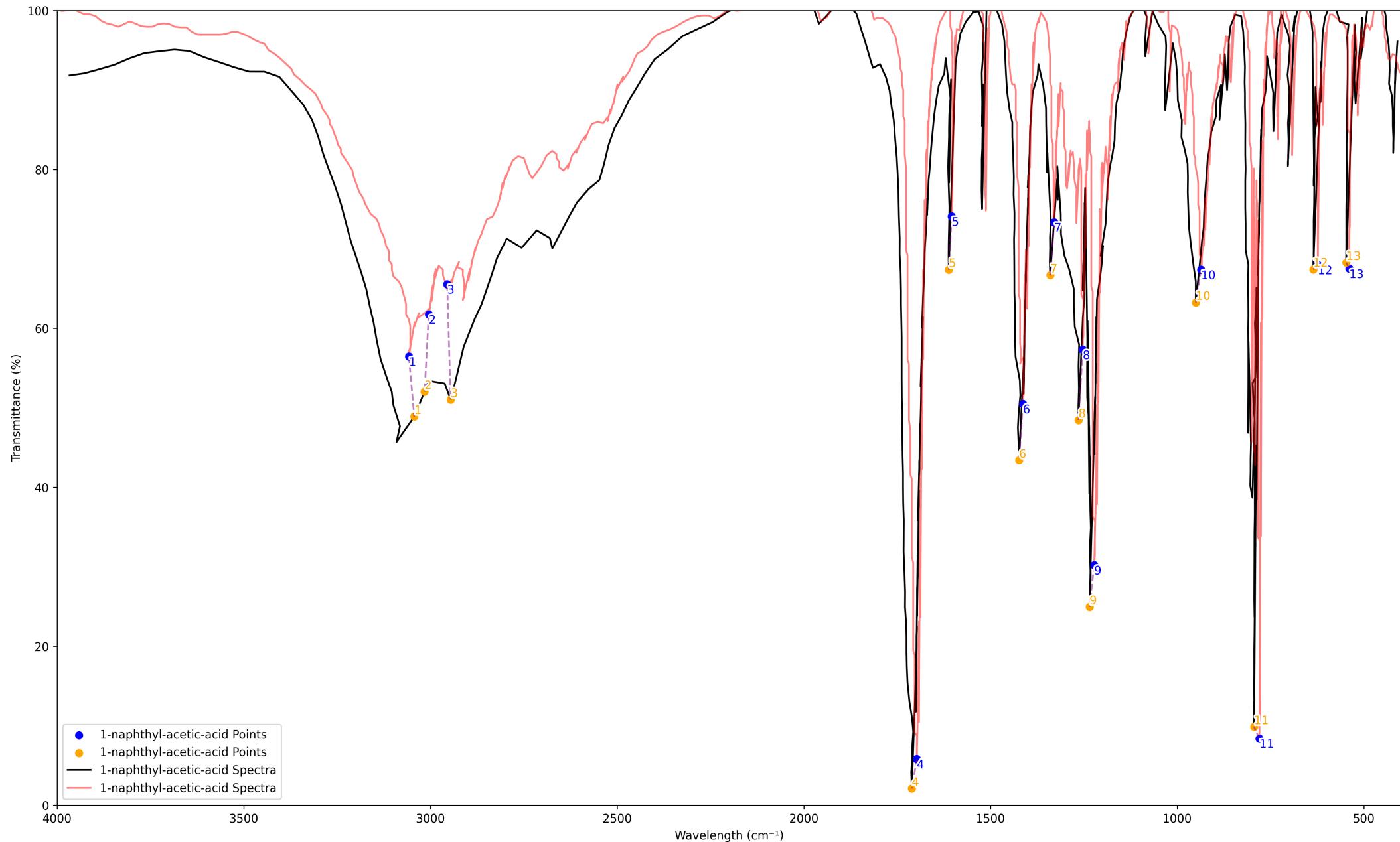
5/6/2024 - 00:49:31

Analyzed Compound Name: 1-Naphthyl-acetic-acid

Analyzed Range: 25 cm⁻¹

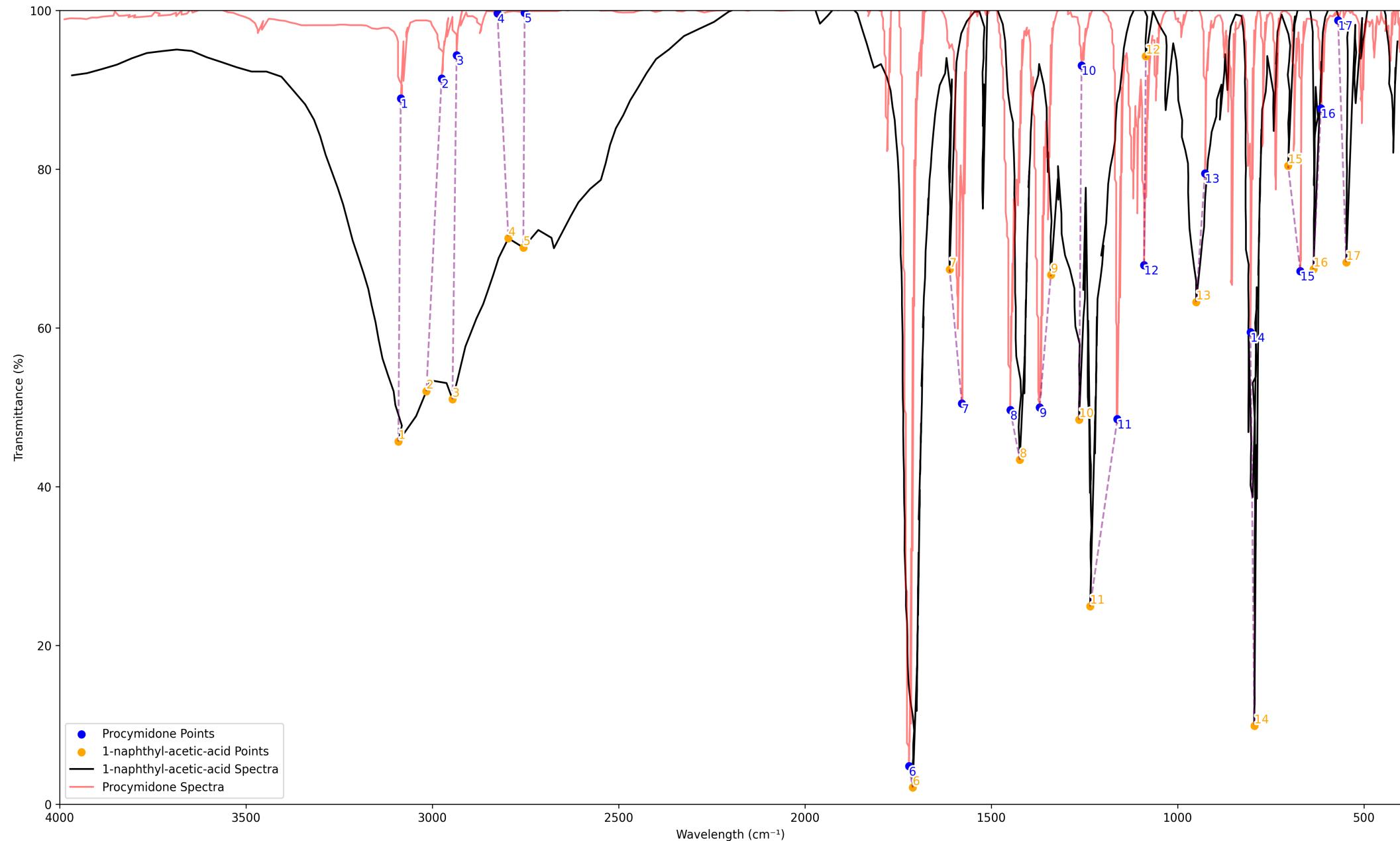
Id	Database Compound	Similarity Factor
1	1-Naphthyl-acetic-acid	0.64
2	Procymidone	0.57
3	MCPA	0.51
4	Captafol	0.50
5	Metolachlor	0.48

1. 1-naphthyl-acetic-acid



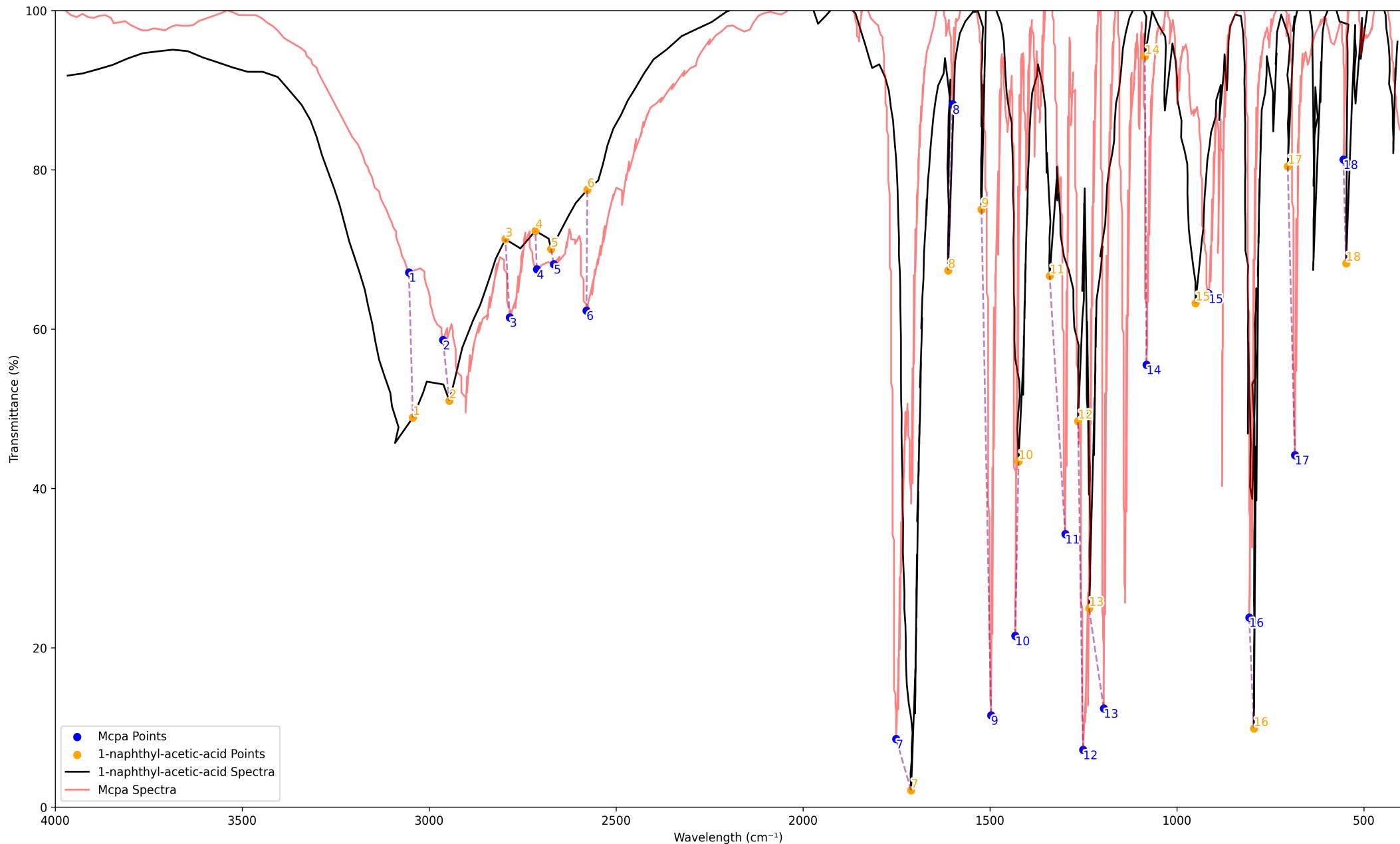
Id	1-naphthyl-acetic-acid	1-naphthyl-acetic-acid	1-Naphthyl-acetic-acid	1-Naphthyl-acetic-acid
	Wavelength (cm ⁻¹)	Transmittance (%)	Wavelength (cm ⁻¹)	Transmittance (%)
1	3058.09	56.46	3043.59	48.90
2	3004.84	61.75	3016.04	52.04
3	2955.40	65.55	2946.11	51.02
4	1697.46	5.79	1710.83	2.10
5	1603.97	74.09	1611.88	67.38
6	1413.17	50.48	1423.58	43.39
7	1329.22	73.36	1340.16	66.68
8	1252.90	57.31	1264.31	48.46
9	1222.37	30.21	1234.80	24.94
10	936.17	67.37	950.17	63.27
11	779.72	8.39	794.05	9.87
12	623.27	67.97	635.58	67.42
13	539.32	67.50	547.37	68.26

2. Procymidone



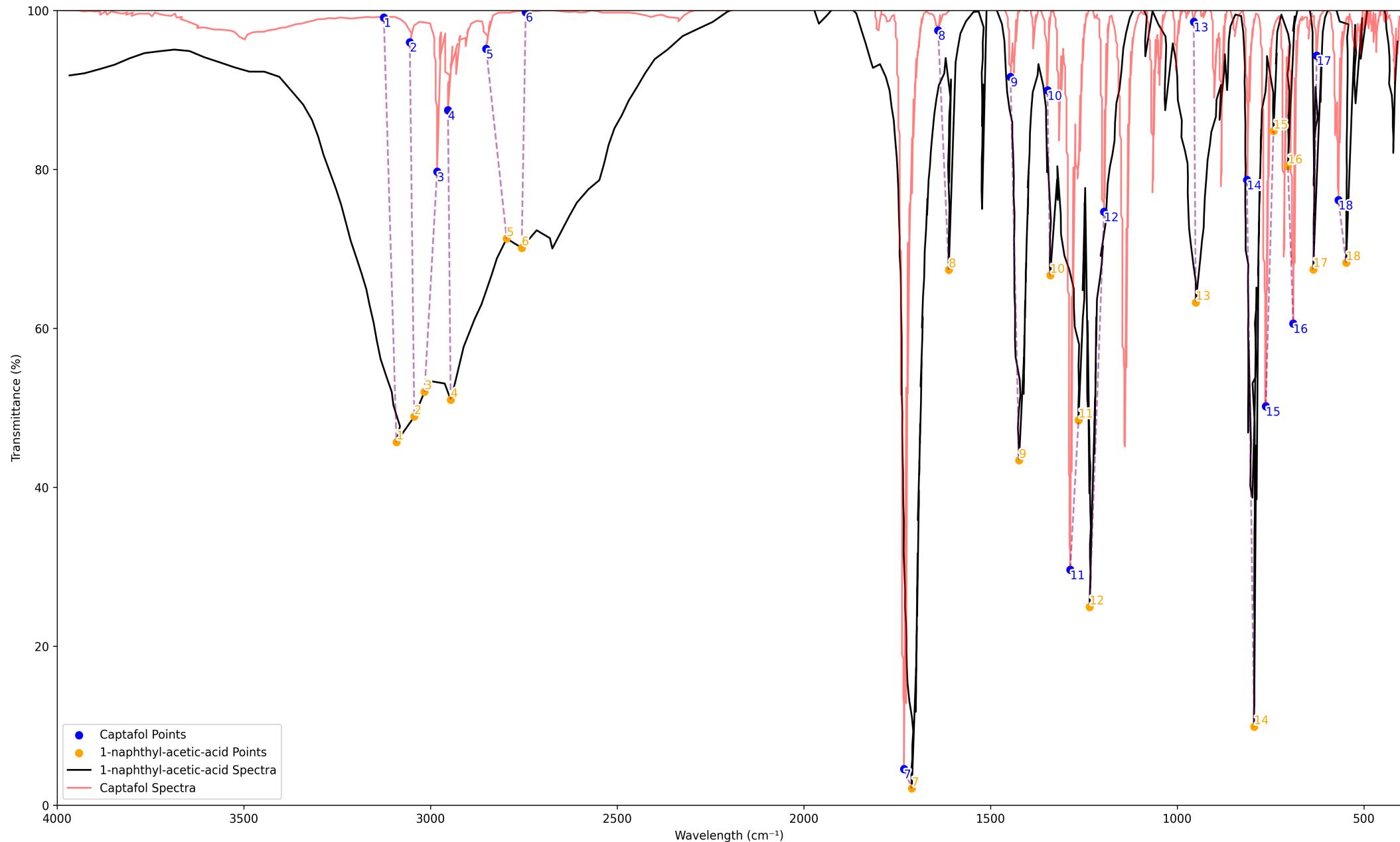
Id	Procymidone	Procymidone	1-Naphthyl-acetic-acid	1-Naphthyl-acetic-acid
	Wavelength (cm ⁻¹)	Transmittance (%)	Wavelength (cm ⁻¹)	Transmittance (%)
1	3084.88	88.91	3091.29	45.71
2	2975.27	91.43	3016.04	52.04
3	2935.08	94.35	2946.11	51.02
4	2825.46	99.63	2796.05	71.29
5	2752.39	99.70	2755.93	70.13
6	1720.98	4.79	1710.83	2.10
7	1579.04	50.48	1611.88	67.38
8	1449.09	49.65	1423.58	43.39
9	1370.37	49.98	1340.16	66.68
10	1257.77	93.08	1264.31	48.46
11	1161.69	48.51	1234.80	24.94
12	1089.88	67.92	1085.38	94.24
13	926.70	79.48	950.17	63.27
14	804.48	59.45	794.05	9.87
15	670.66	67.17	703.38	80.44
16	615.30	87.66	635.58	67.42
17	569.28	98.74	547.37	68.26

3. Mcpa



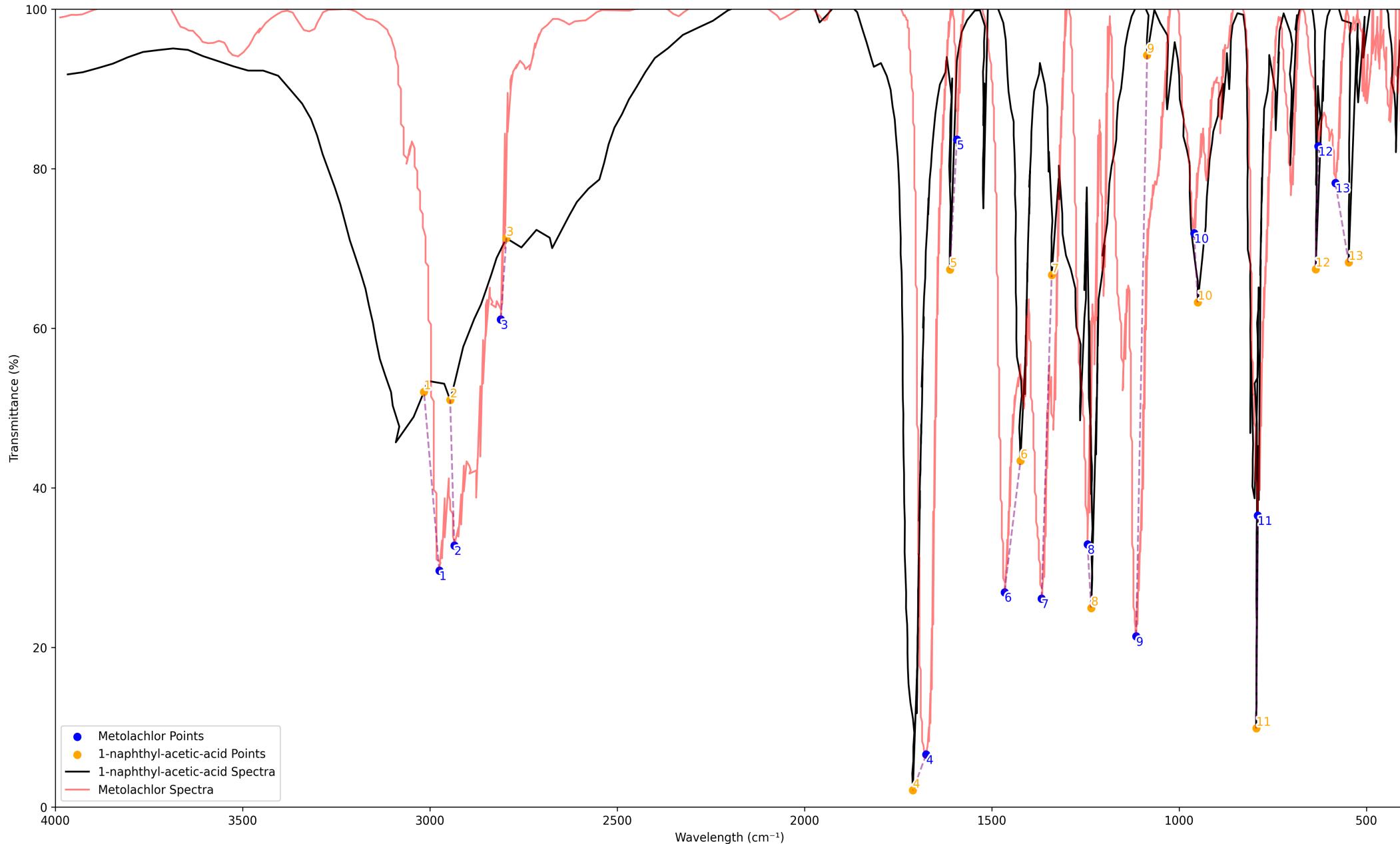
Id	Mcpa	Mcpa	1-Naphthyl-acetic-acid	1-Naphthyl-acetic-acid
	Wavelength (cm ⁻¹)	Transmittance (%)	Wavelength (cm ⁻¹)	Transmittance (%)
1	3054.17	67.13	3043.59	48.90
2	2963.10	58.64	2946.11	51.02
3	2784.50	61.48	2796.05	71.29
4	2712.24	67.51	2715.74	72.34
5	2666.64	68.16	2673.82	70.04
6	2579.34	62.34	2576.95	77.50
7	1750.88	8.54	1710.83	2.10
8	1600.15	88.22	1611.88	67.38
9	1497.12	11.53	1522.59	75.03
10	1432.25	21.50	1423.58	43.39
11	1298.69	34.27	1340.16	66.68
12	1250.99	7.19	1264.31	48.46
13	1195.66	12.40	1234.80	24.94
14	1081.18	55.54	1085.38	94.24
15	915.19	64.46	950.17	63.27
16	806.43	23.81	794.05	9.87
17	684.32	44.20	703.38	80.44
18	554.58	81.29	547.37	68.26

4. Captafol



Id	Captafol	Captafol	1-Naphthyl-acetic-acid	1-Naphthyl-acetic-acid
	Wavelength (cm ⁻¹)	Transmittance (%)	Wavelength (cm ⁻¹)	Transmittance (%)
1	3125.07	99.12	3091.29	45.71
2	3055.65	96.01	3043.59	48.90
3	2982.58	79.71	3016.04	52.04
4	2953.35	87.44	2946.11	51.02
5	2851.04	95.17	2796.05	71.29
6	2745.08	99.79	2755.93	70.13
7	1731.97	4.57	1710.83	2.10
8	1640.28	97.51	1611.88	67.38
9	1446.35	91.64	1423.58	43.39
10	1347.57	89.93	1340.16	66.68
11	1286.60	29.61	1264.31	48.46
12	1195.98	74.66	1234.80	24.94
13	955.60	98.55	950.17	63.27
14	813.24	78.67	794.05	9.87
15	762.59	50.19	742.04	84.82
16	689.12	60.61	703.38	80.44
17	626.14	94.32	635.58	67.42
18	567.94	76.14	547.37	68.26

5. Metolachlor



Id	Metolachlor	Metolachlor	1-Naphthyl-acetic-acid	1-Naphthyl-acetic-acid
	Wavelength (cm ⁻¹)	Transmittance (%)	Wavelength (cm ⁻¹)	Transmittance (%)
1	2975.27	29.64	3016.04	52.04
2	2935.08	32.79	2946.11	51.02
3	2810.85	61.11	2796.05	71.29
4	1675.19	6.58	1710.83	2.10
5	1593.17	83.64	1611.88	67.38
6	1466.11	26.93	1423.58	43.39
7	1367.28	26.13	1340.16	66.68
8	1244.53	32.93	1234.80	24.94
9	1114.73	21.40	1085.38	94.24
10	959.87	71.91	950.17	63.27
11	790.33	36.54	794.05	9.87
12	628.25	82.82	635.58	67.42
13	582.58	78.23	547.37	68.26