

# Information Details

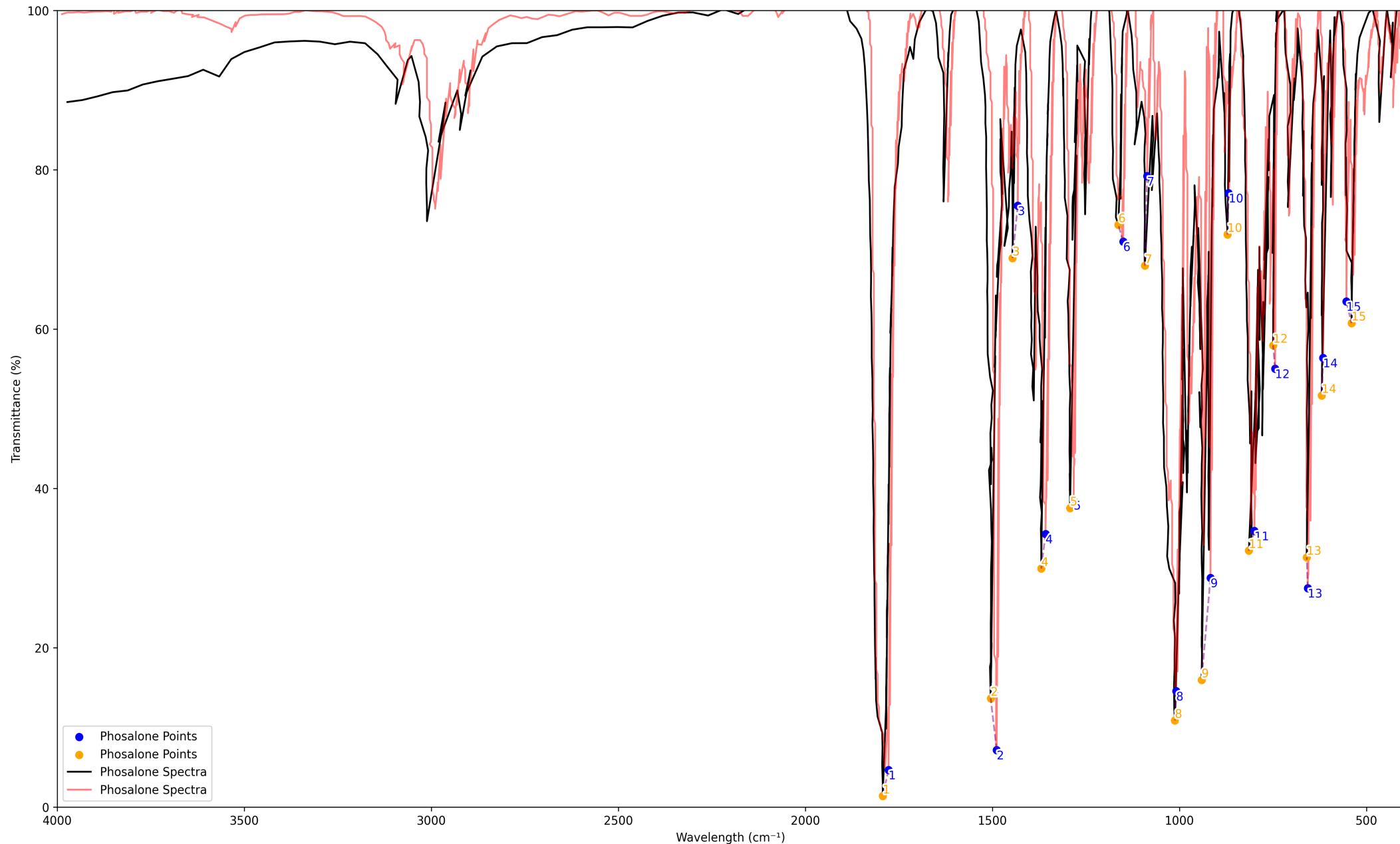
5/6/2024 - 03:24:14

Analyzed Compound Name: Phosalone

Analyzed Range: 25 cm<sup>-1</sup>

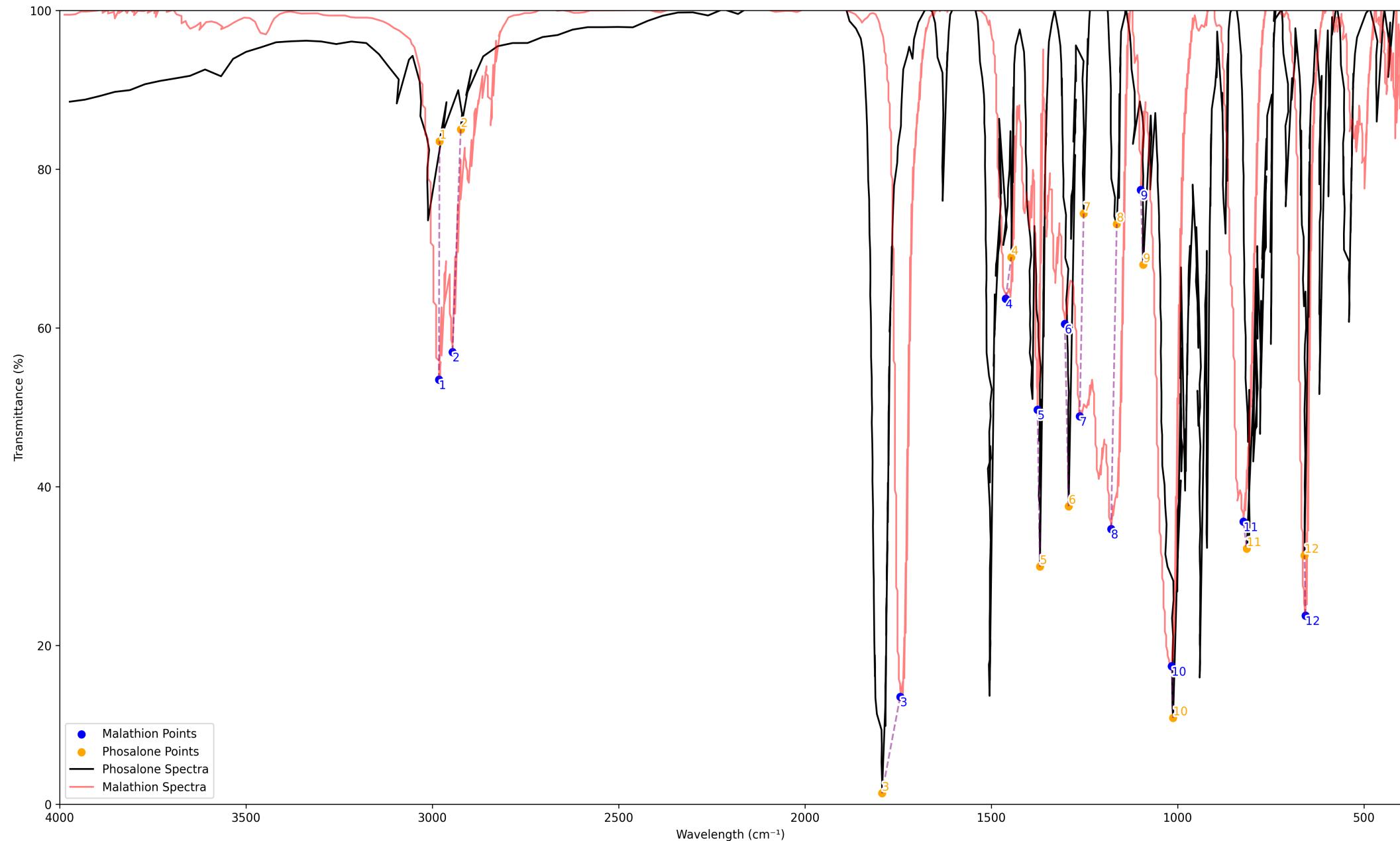
Id	Database Compound	Similarity Factor
1	Phosalone	0.99
2	Malathion	0.55
3	Triadimefon	0.54
4	Dicamba	0.50
5	Fenitrothion	0.50

# 1. Phosalone



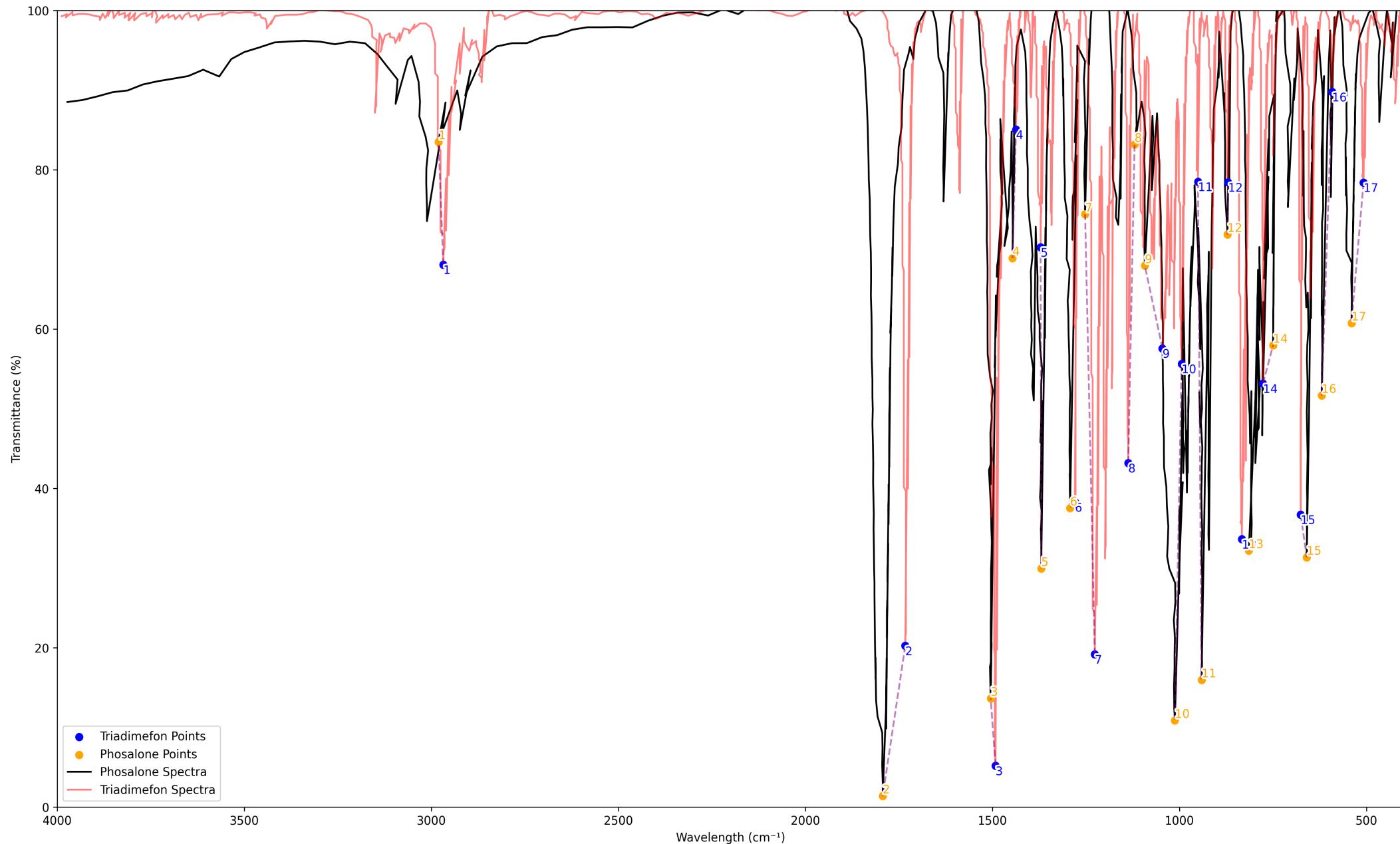
Id	Phosalone	Phosalone	Phosalone	Phosalone
	Wavelength (cm <sup>-1</sup> )	Transmittance (%)	Wavelength (cm <sup>-1</sup> )	Transmittance (%)
1	1777.73	4.67	1793.22	1.39
2	1488.44	7.17	1504.64	13.65
3	1432.21	75.51	1446.28	68.92
4	1357.92	34.28	1369.54	29.94
5	1282.76	38.53	1292.34	37.54
6	1150.32	70.99	1163.36	73.09
7	1086.28	79.20	1092.38	67.97
8	1008.73	14.56	1012.03	10.88
9	916.91	28.78	940.80	15.96
10	868.33	77.08	871.41	71.88
11	799.58	34.67	814.43	32.19
12	744.24	55.03	749.55	57.98
13	656.92	27.49	659.57	31.36
14	616.03	56.39	619.59	51.67
15	553.60	63.48	540.00	60.76

## 2. Malathion



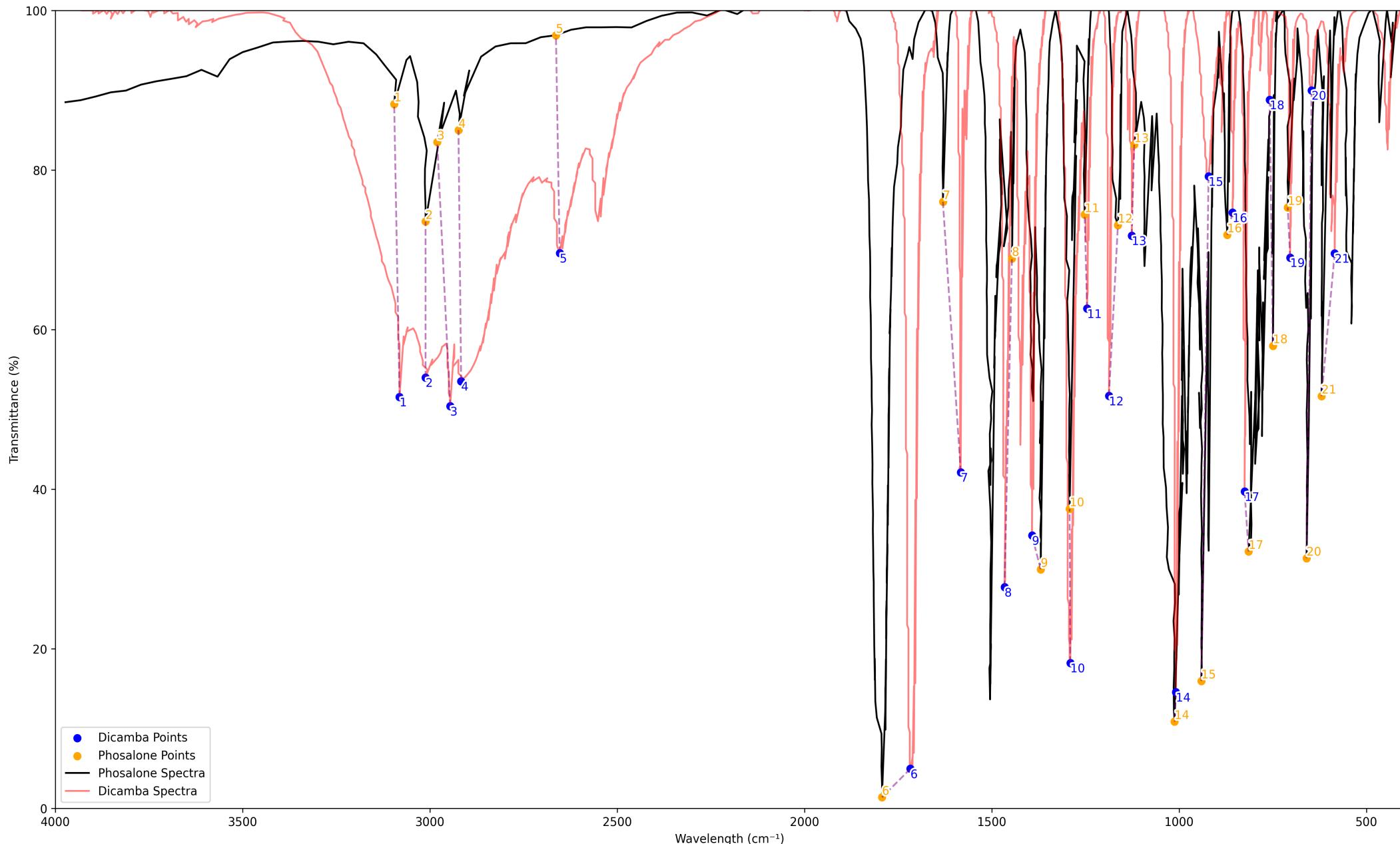
Id	Malathion	Malathion	Phosalone	Phosalone
	Wavelength (cm <sup>-1</sup> )	Transmittance (%)	Wavelength (cm <sup>-1</sup> )	Transmittance (%)
1	2982.58	53.48	2980.79	83.52
2	2946.04	56.97	2923.96	85.01
3	1744.59	13.54	1793.22	1.39
4	1461.70	63.68	1446.28	68.92
5	1376.01	49.69	1369.54	29.94
6	1302.64	60.50	1292.34	37.54
7	1262.57	48.87	1252.13	74.41
8	1178.61	34.68	1163.36	73.09
9	1099.15	77.38	1092.38	67.97
10	1015.96	17.38	1012.03	10.88
11	823.32	35.59	814.43	32.19
12	656.97	23.77	659.57	31.36

### 3. Triadimefon



Id	Triadimefon	Triadimefon	Phosalone	Phosalone
	Wavelength (cm <sup>-1</sup> )	Transmittance (%)	Wavelength (cm <sup>-1</sup> )	Transmittance (%)
1	2968.19	68.10	2980.79	83.52
2	1732.99	20.25	1793.22	1.39
3	1491.49	5.19	1504.64	13.65
4	1436.88	85.05	1446.28	68.92
5	1370.99	70.28	1369.54	29.94
6	1279.42	38.27	1292.34	37.54
7	1226.31	19.18	1252.13	74.41
8	1136.76	43.19	1119.86	83.18
9	1045.35	57.59	1092.38	67.97
10	994.13	55.65	1012.03	10.88
11	950.31	78.51	940.80	15.96
12	869.83	78.43	871.41	71.88
13	833.10	33.62	814.43	32.19
14	776.46	53.17	749.55	57.98
15	675.80	36.72	659.57	31.36
16	591.85	89.77	619.59	51.67
17	507.67	78.40	540.00	60.76

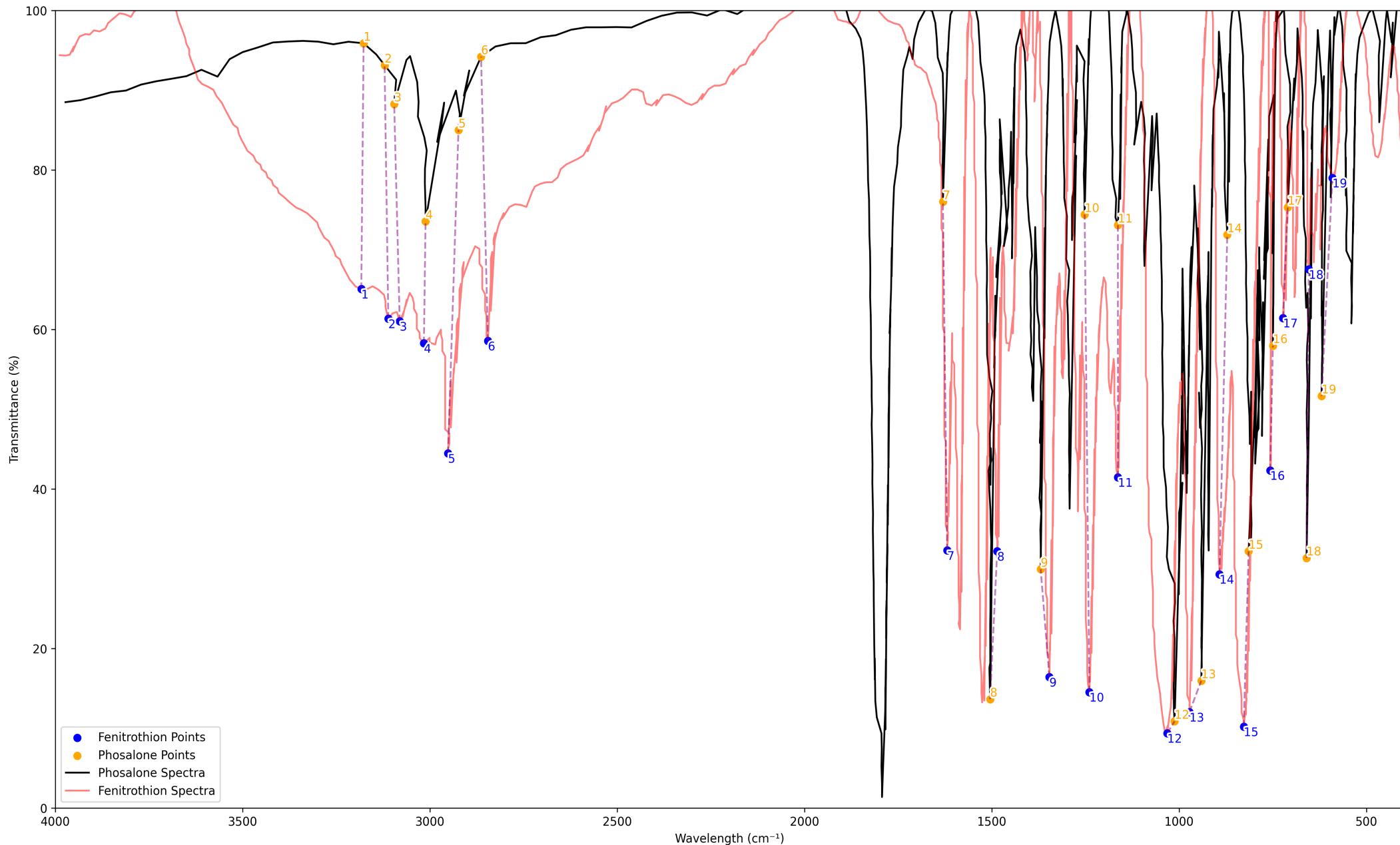
## 4. Dicamba



Id	Dicamba	Dicamba	Phosalone	Phosalone
	Wavelength (cm <sup>-1</sup> )	Transmittance (%)	Wavelength (cm <sup>-1</sup> )	Transmittance (%)
1	3081.23	51.57	3095.60	88.28
2	3011.81	54.01	3011.79	73.55
3	2946.04	50.41	2980.79	83.52
4	2916.81	53.55	2923.96	85.01
5	2653.74	69.60	2663.71	96.90
6	1717.32	4.96	1793.22	1.39
7	1582.94	42.13	1630.55	76.02
8	1466.10	27.72	1446.28	68.92
9	1392.75	34.21	1369.54	29.94
10	1290.52	18.23	1292.34	37.54
11	1245.72	62.64	1252.13	74.41
12	1187.32	51.69	1163.36	73.09
13	1126.45	71.79	1119.86	83.18
14	1008.66	14.57	1012.03	10.88
15	921.36	79.21	940.80	15.96
16	857.37	74.67	871.41	71.88
17	825.09	39.71	814.43	32.19
18	758.15	88.80	749.55	57.98
19	703.62	69.04	709.97	75.32

Id	Dicamba	Dicamba	Phosalone	Phosalone
	Wavelength (cm <sup>-1</sup> )	Transmittance (%)	Wavelength (cm <sup>-1</sup> )	Transmittance (%)
20	646.41	90.00	659.57	31.36
21	584.58	69.57	619.59	51.67

## 5. Fenitrothion



Id	Fenitrothion	Fenitrothion	Phosalone	Phosalone
	Wavelength (cm <sup>-1</sup> )	Transmittance (%)	Wavelength (cm <sup>-1</sup> )	Transmittance (%)
1	3183.36	65.07	3177.25	95.89
2	3111.23	61.35	3121.17	93.14
3	3080.84	61.04	3095.60	88.28
4	3016.29	58.27	3011.79	73.55
5	2951.88	44.48	2923.96	85.01
6	2845.33	58.56	2863.59	94.21
7	1619.23	32.30	1630.55	76.02
8	1485.67	32.20	1504.64	13.65
9	1346.39	16.42	1369.54	29.94
10	1239.54	14.53	1252.13	74.41
11	1163.22	41.46	1163.36	73.09
12	1031.57	9.38	1012.03	10.88
13	972.43	12.02	940.80	15.96
14	892.29	29.32	871.41	71.88
15	827.42	10.20	814.43	32.19
16	756.82	42.33	749.55	57.98
17	722.48	61.45	709.97	75.32
18	653.79	67.53	659.57	31.36
19	590.83	79.00	619.59	51.67