Homologue group with 10 carbons

$y = -436 + 7.41\,x \quad R^2 = 0.996$

Response factor

Calculated chlorine content, %

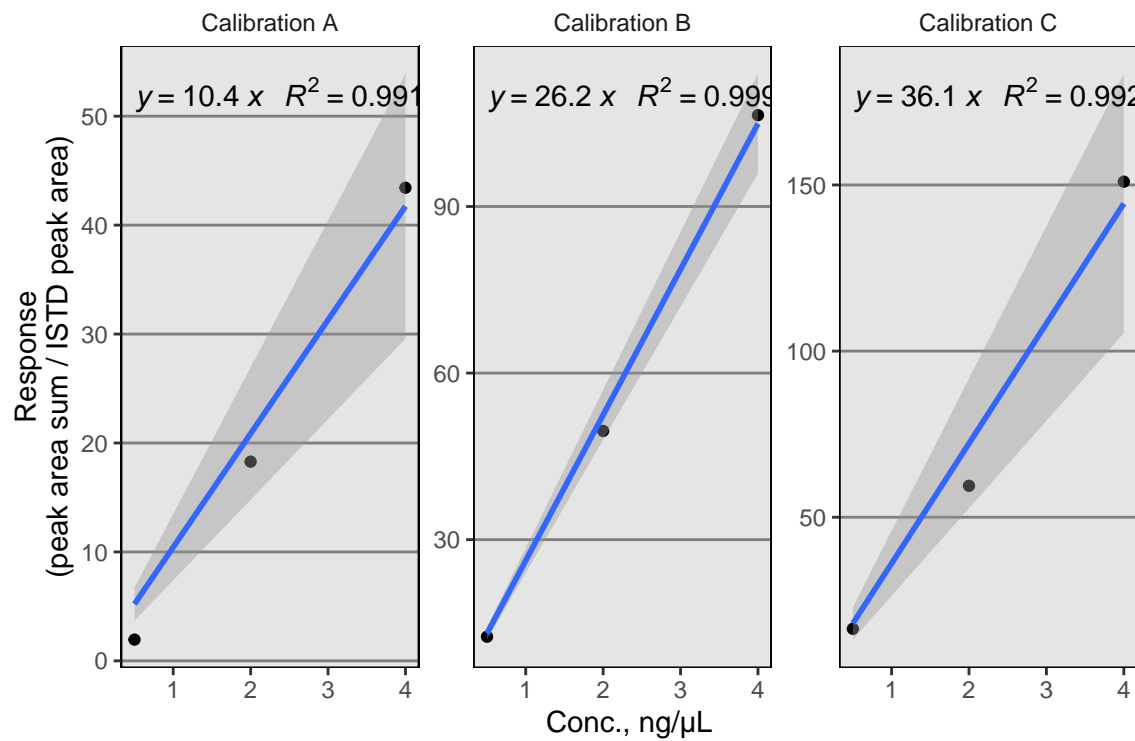| Calibration A	Calibration B	Calibration C
$y = 8.79\,x \quad R^2 = 0.989$	$y = 16.4\,x \quad R^2 = 0.995$	$y = 40.7\,x \quad R^2 = 0.985$

Response
(peak area sum / ISTD peak area)

Conc., ng/µL
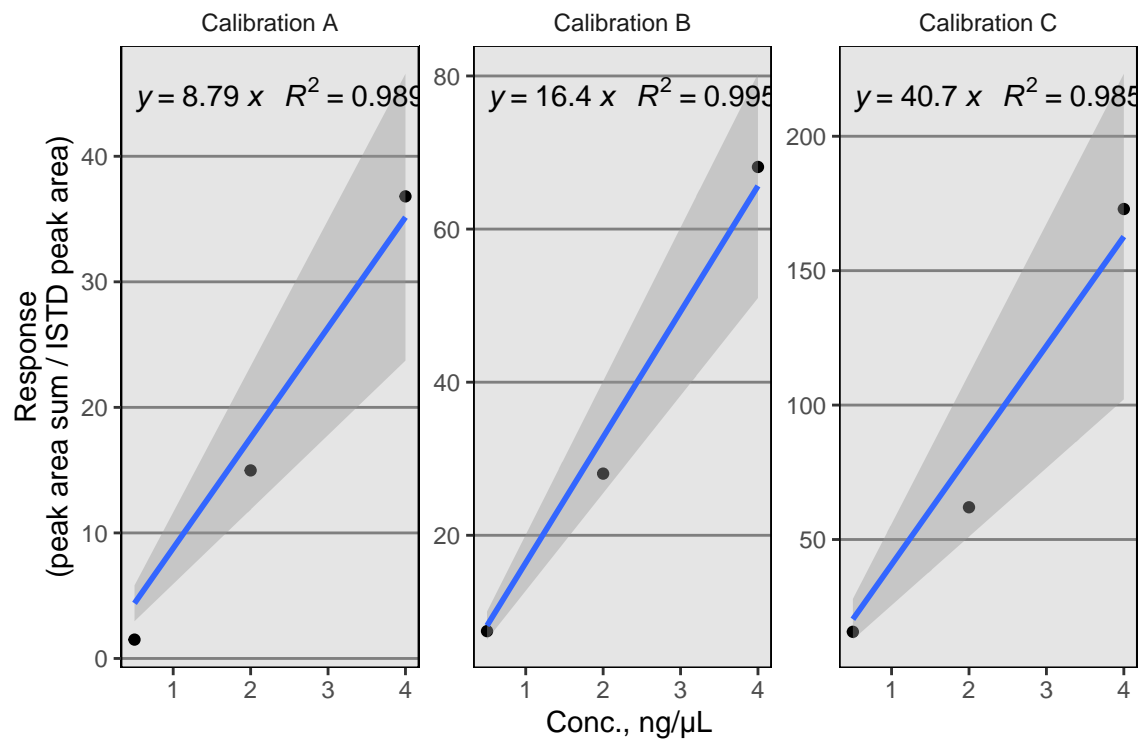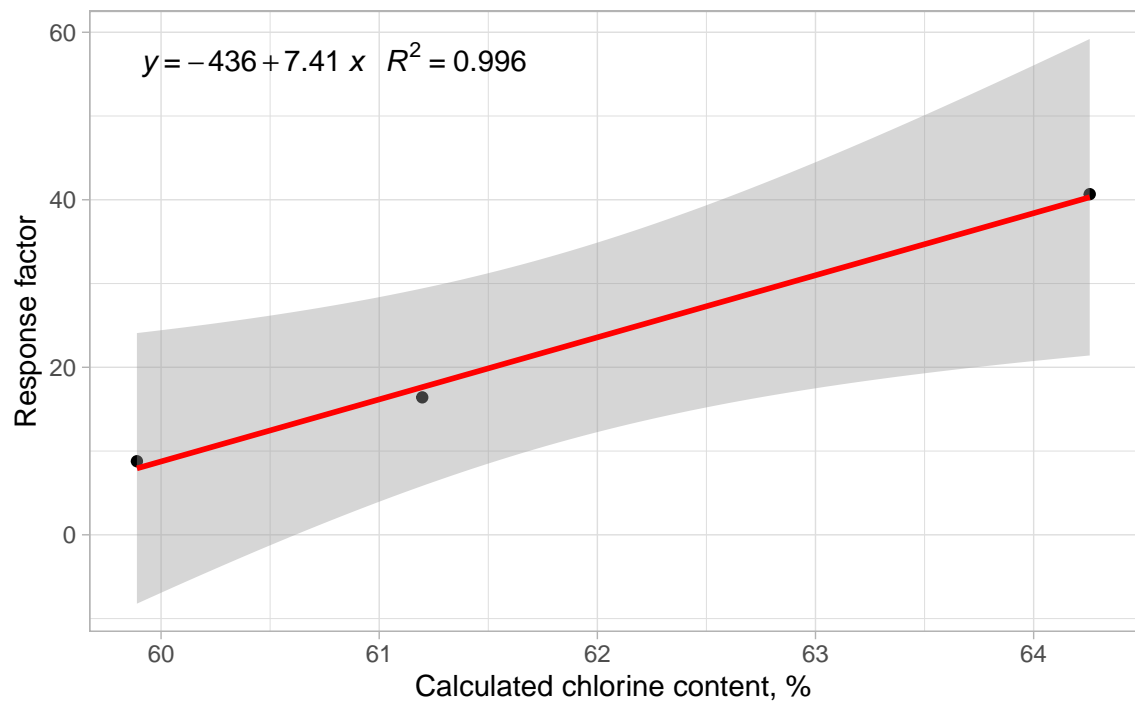
Homologue group with 11 carbons

$y = -608 + 10.7\,x \quad R^2 = 0.963$

Response factor

Calculated chlorine content, %

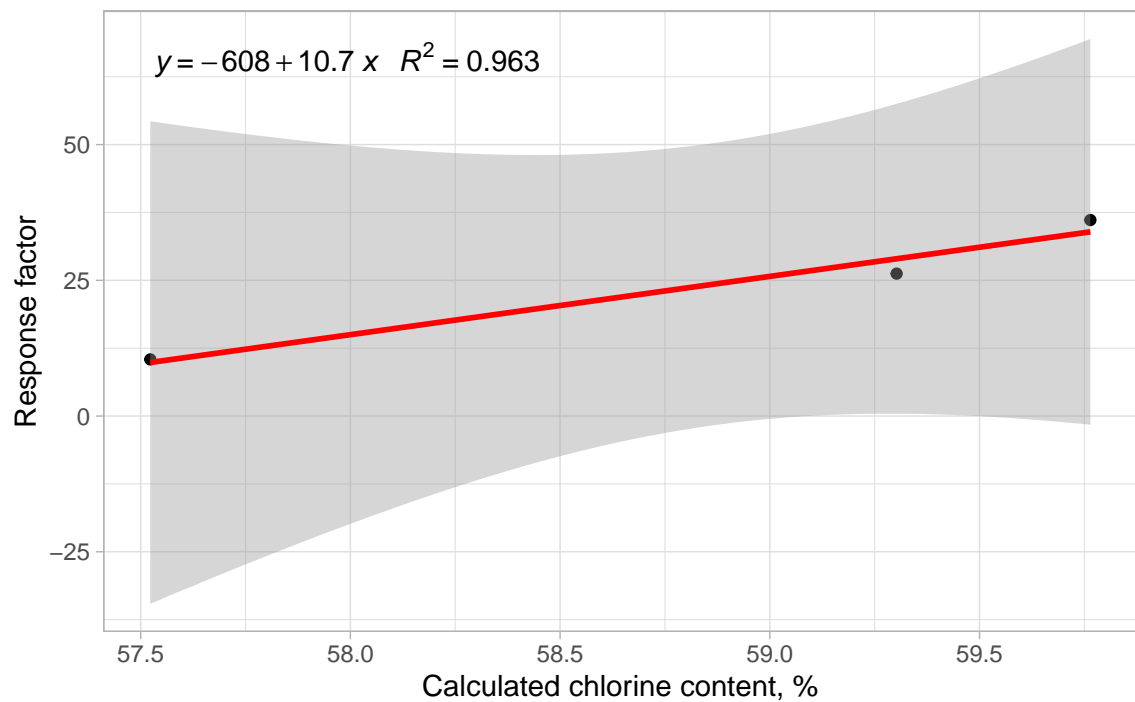| Calibration A	Calibration B	Calibration C
$y = 10.4\,x \quad R^2 = 0.991$	$y = 26.2\,x \quad R^2 = 0.999$	$y = 36.1\,x \quad R^2 = 0.992$

Response
(peak area sum / ISTD peak area)

Conc., ng/µL

Homologue group with 12 carbons

$y = -623 + 11.5\,x \quad R^2 = 0.981$

Response factor

Calculated chlorine content, %

Calibration A $\quad y = 20.1\,x \quad R^2 = 0.99$

Calibration B $\quad y = 35.2\,x \quad R^2 = 0.99$

Calibration C $\quad y = 53.6\,x \quad R^2 = 0.98$

Response
(peak area sum / ISTD peak area)

Conc., ng/µL
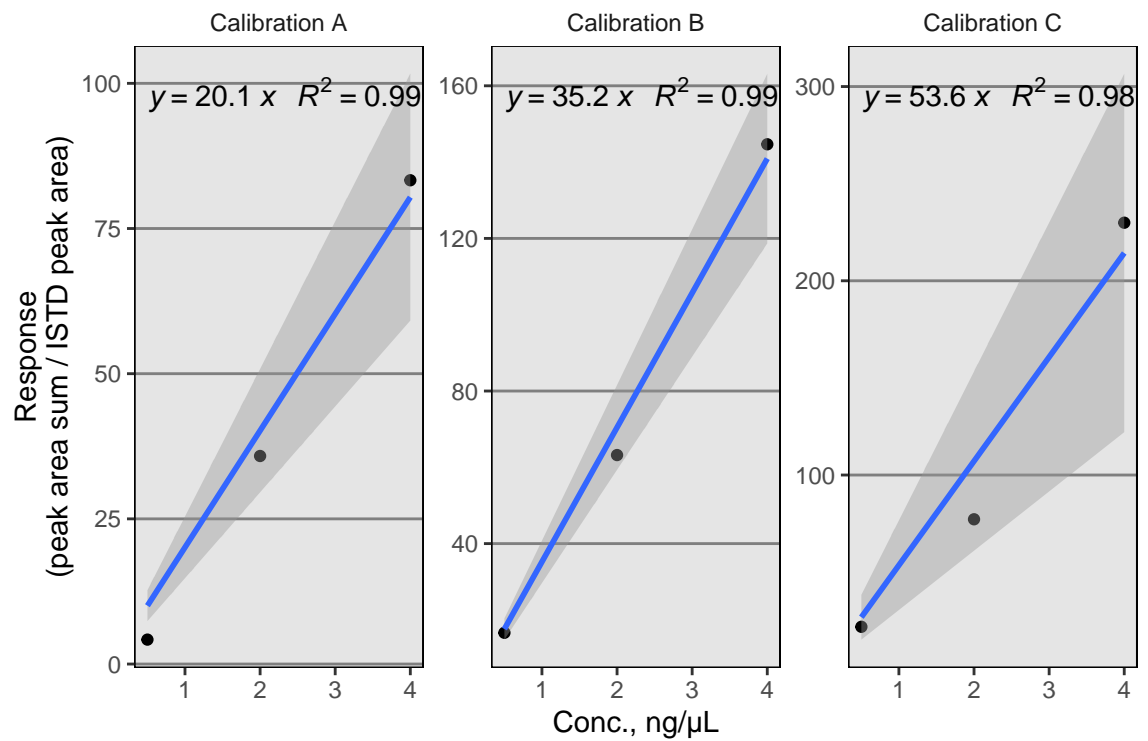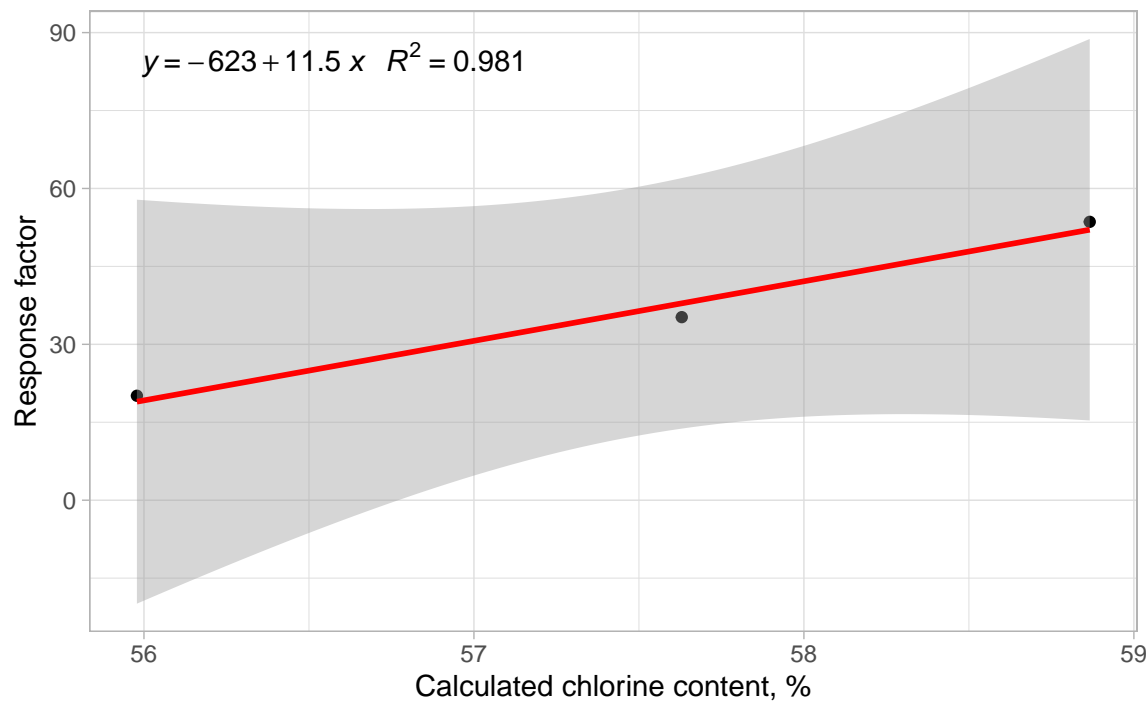
Homologue group with 13 carbons

$y = -313 + 6.3\,x \quad R^2 = 0.989$

Response factor

Calculated chlorine content, %

Calibration A

$y = 6.91\,x \quad R^2 = 0.996$

Calibration B

$y = 17.2\,x \quad R^2 = 0.999$

Calibration C

$y = 67.1\,x \quad R^2 = 0.995$

Response
(peak area sum / ISTD peak area)

Conc., ng/µL
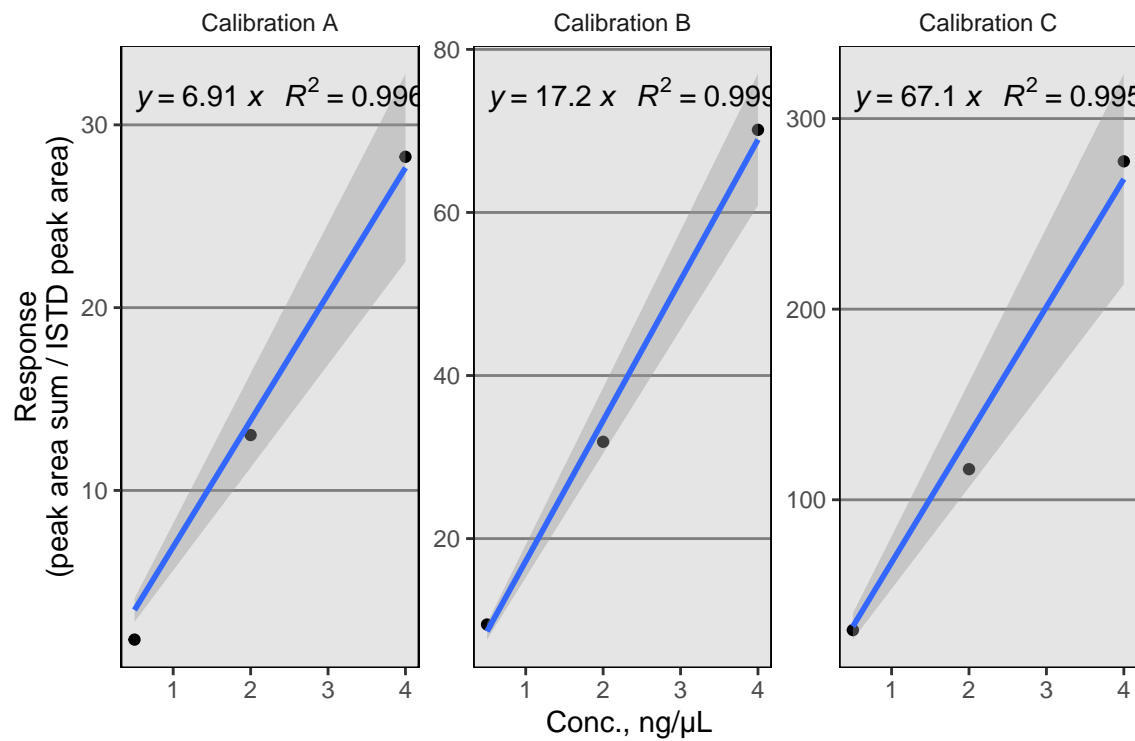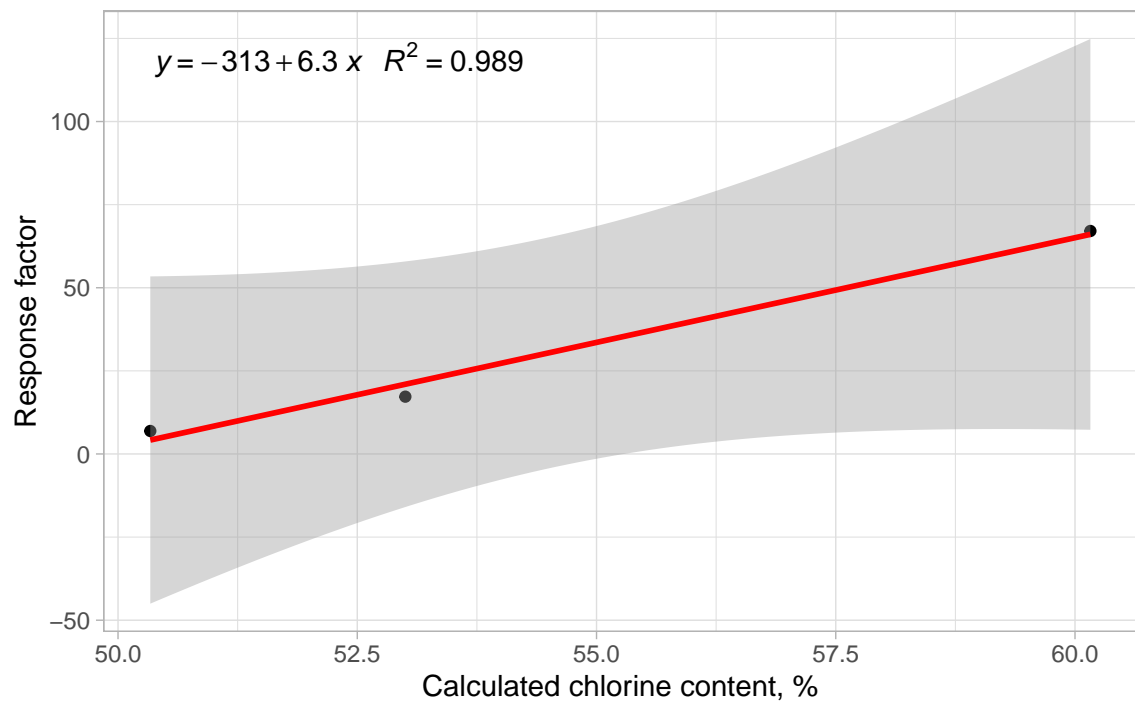
Homologue group with 14 carbons

$y = -254 + 5.44\ x \quad R^2 = 0.946$

Response factor

Calculated chlorine content, %

Calibration A

$y = 12.8\ x \quad R^2 = 0.998$

Calibration B

$y = 45.6\ x \quad R^2 = 1$

Calibration C

$y = 32.9\ x \quad R^2 = 0.999$

Response
(peak area sum / ISTD peak area)

Conc., ng/µL
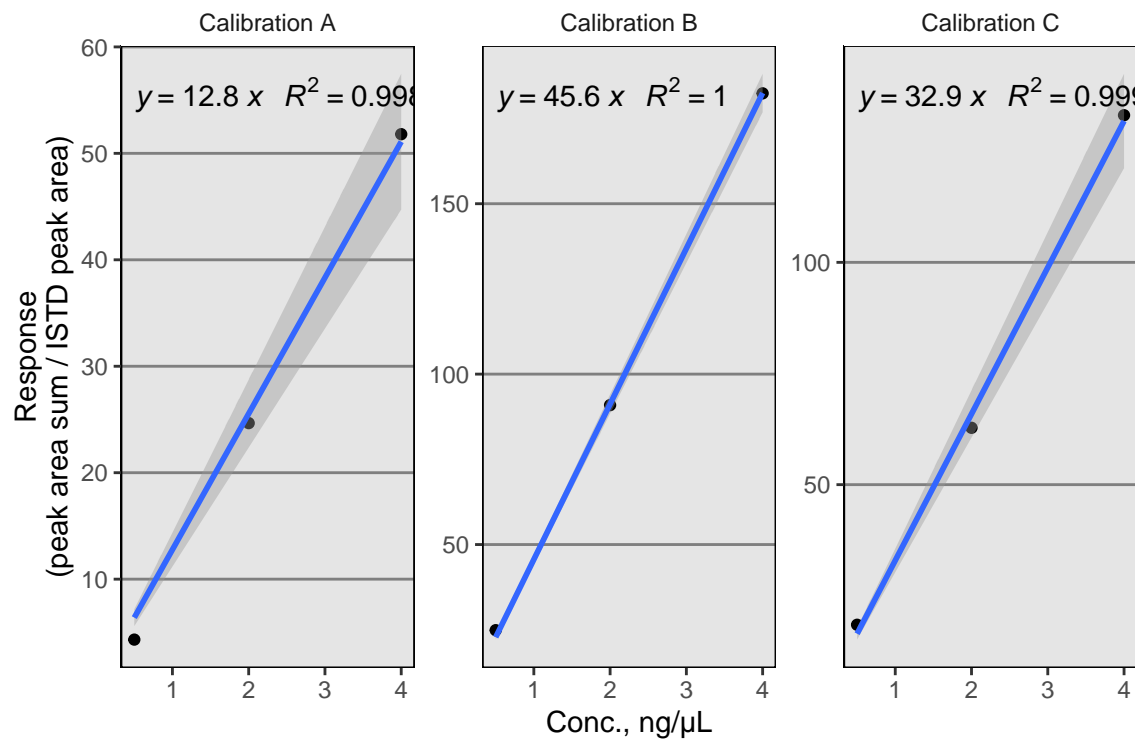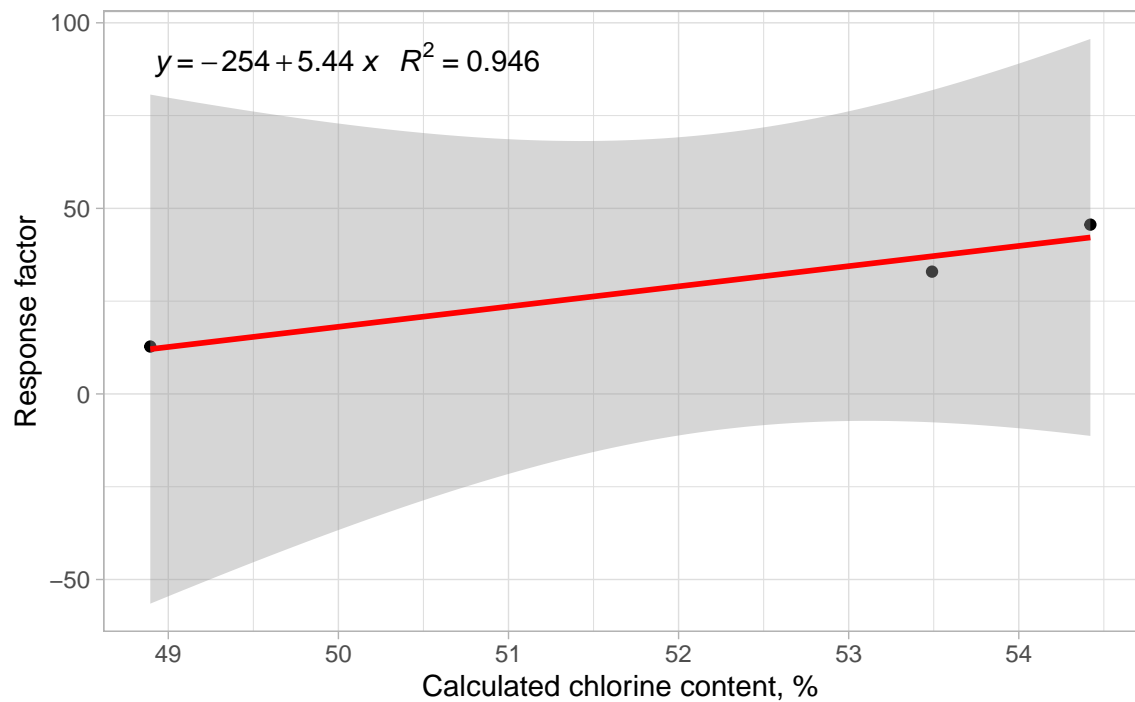
Homologue group with 15 carbons

$y = -179 + 4.2\,x \quad R^2 = 1$

Response factor

Calculated chlorine content, %

Calibration A	Calibration B	Calibration C
$y = 18.3\,x \quad R^2 = 0.998$	$y = 42.8\,x \quad R^2 = 0.999$	$y = 43.7\,x \quad R^2 = 0.998$

Response
(peak area sum / ISTD peak area)

Conc., ng/µL
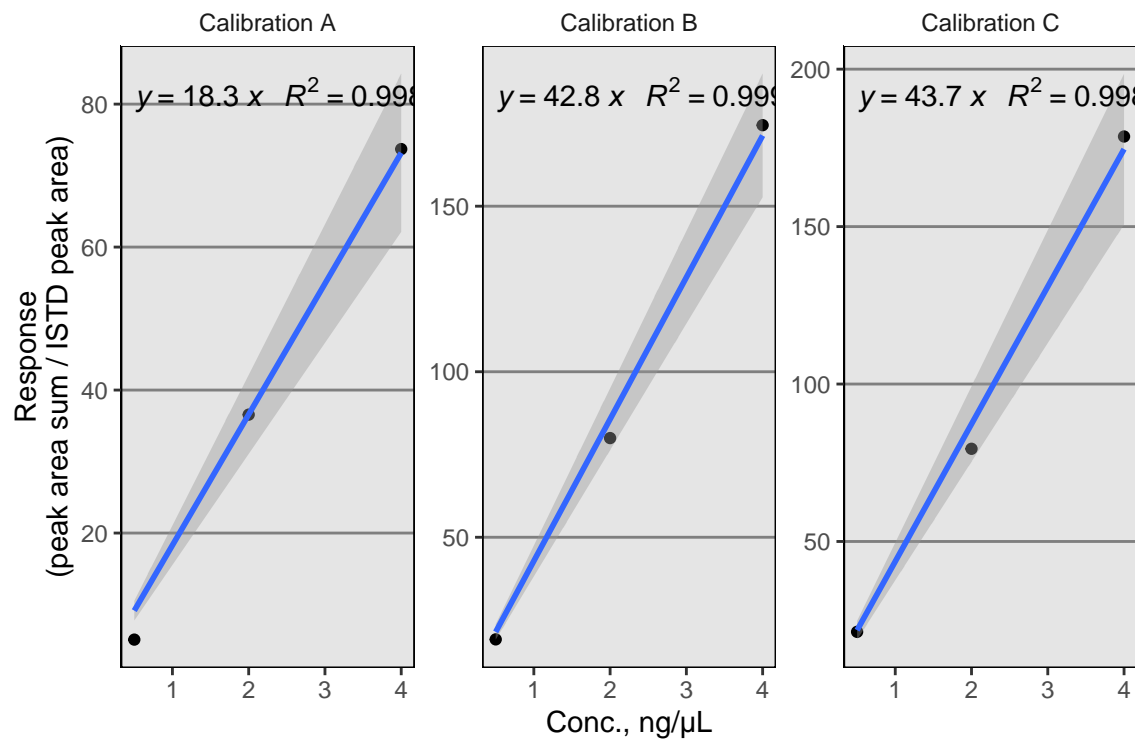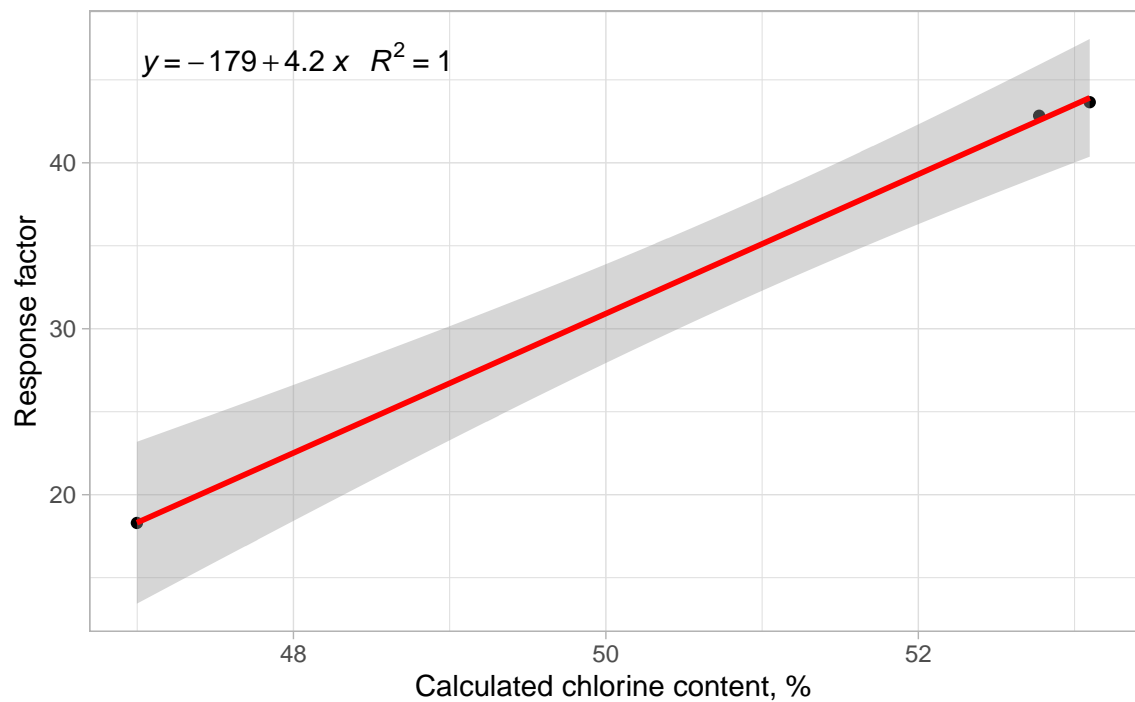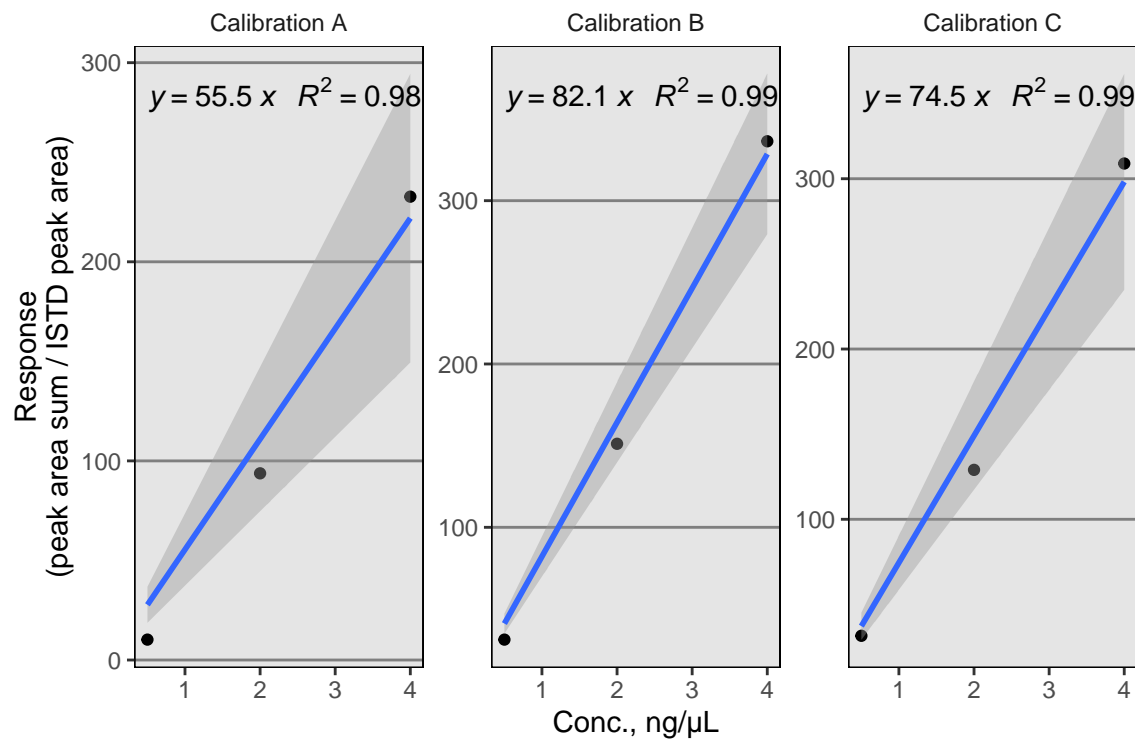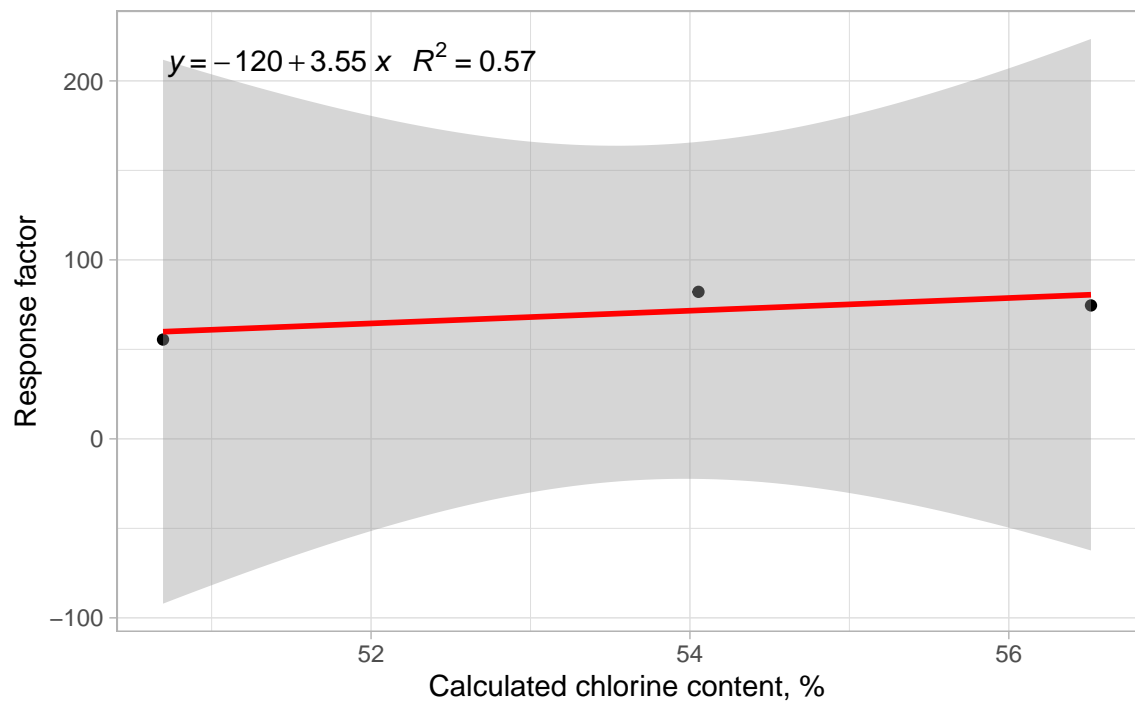
Homologue group with 17 carbons

$y = -261 + 6.74\,x \quad R^2 = 0.979$

Response factor

Calculated chlorine content, %

Calibration A

$y = 48.7\,x \quad R^2 = 0.97$

Calibration B

$y = 66.1\,x \quad R^2 = 0.99$

Calibration C

$y = 142\,x \quad R^2 = 0.982$

Response
(peak area sum / ISTD peak area)

Conc., ng/µL