$$\boxed{d = 21}$$

$$\Phi_{\mathbb{Q}}(21) \supseteq \{(2), (3), (4), (6), (7), (9), (10), (12), (13), (14), (18), (21), (43), (2, 2), (2, 6), (2, 14)\}$$

G	$\Phi_{\mathbb{Q}}(21, G) \setminus \{G\} \supseteq$
()	$\{(2), (3), (4), (6), (7), (13), (14), (43), (2, 2), (2, 14)\}$
(2)	$\{(6), (14)\}$
(3)	$\{(6), (9), (12), (21), (2, 6)\}$
(4)	$\{(12)\}$
(5)	$\{(10)\}$
(6)	$\{(18)\}$
(7)	$\{(14)\}$
(8)	$\{\}$
(9)	$\{(18)\}$
(10)	$\{\}$
(12)	$\{\}$
(2, 2)	$\{(2, 6)\}$
(2, 4)	$\{\}$
(2, 6)	$\{\}$
(2, 8)	$\{\}$

$h_{\mathbb{Q}}(21) = 3$
Number of configurations: 29
Maximun conductor to obtain all the configurations: 3969

1

G	$\mathcal{H}_{\mathbb{Q}}(21, E)$	Label
()	(2)	11a2
()	(2, 2)	196a1
()	(2, 14)	1922c1
()	(4)	648a1
()	(6)	108a2
()	(2), (3)	19a2
()	(2), (7)	294a1
()	(2), (13)	147b1
()	(2), (43)	1849a1
()	(2, 2), (2, 14)	1922c2
()	(3), (2, 2)	196b2
()	(3), (4)	162d2
()	(4), (7)	338b1
()	(7), (2, 2)	3969a1
()	(2), (3), (7)	162b2
()	(2), (7), (14)	26b2
(2)	(6)	14a3
(2)	(14)	49a1
(3)	(2, 6)	196b1
(3)	(6)	19a1
(3)	(12)	162d1
(3)	(6), (9)	19a3
(3)	(6), (21)	162b1
(4)	(12)	90c1
(5)	(10)	11a1
(6)	(18)	14a4
(7)	(14)	26b1
(9)	(18)	54b3
(2, 2)	(2, 6)	30a6