

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082324\
 Data File : PQ068142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2024 08:49
 Operator : YP\AJ
 Sample : AIBLK015
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 05:11:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082124CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 22 09:07:54 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.441	2.823	145.2E6	136.8E6	23.088	20.360
2)	SA Decachlor...	8.616	7.602	90718396	137.5E6	53.316	44.109
Target Compounds							
3)	L1 AR-1016-1	4.541	0.000	729083	0	4.064	N.D. #
4)	L1 AR-1016-2	4.561	0.000	1232490	0	4.403	N.D. #
5)	L1 AR-1016-3	4.622	0.000	1663394	0	9.803	N.D. #
6)	L1 AR-1016-4	4.672f	0.000	1414662	0	10.087	N.D. #
7)	L1 AR-1016-5	5.021	4.200f	831729	1161877	6.561	6.683
8)	L2 AR-1221-1	3.695f	3.093f	720751	1378611	10.121	16.853 #
9)	L2 AR-1221-2	3.720	3.093	2433874	1378611	47.225	23.904 #
10)	L2 AR-1221-3	3.769	0.000	765842	0	4.621	N.D. #
11)	L3 AR-1232-1	3.769	0.000	765842	0	5.616	N.D. #
12)	L3 AR-1232-2	4.287	0.000	506492	0	7.131	N.D. #
13)	L3 AR-1232-3	4.561	0.000	1232490	0	8.501	N.D. #
14)	L3 AR-1232-4	4.672f	4.148f	1414662	2943498	19.547	43.502 #
15)	L3 AR-1232-5	4.799	4.200f	814128	1161877	17.964	14.794
16)	L4 AR-1242-1	4.541	0.000	729083	0	4.097	N.D. #
17)	L4 AR-1242-2	4.561	0.000	1232490	0	4.443	N.D. #
18)	L4 AR-1242-3	4.622	0.000	1663394	0	9.879	N.D. #
19)	L4 AR-1242-4	4.672f	4.148f	1414662	2943498	10.070	20.366 #
20)	L4 AR-1242-5	5.438	4.609	5620132	9209967	39.041	47.662
21)	L5 AR-1248-1	4.541	0.000	729083	0	5.374	N.D. #
22)	L5 AR-1248-2	4.799	0.000	814128	0	4.519	N.D. #
23)	L5 AR-1248-3	5.021	4.148f	831729	2943498	3.822	13.826 #
24)	L5 AR-1248-4	5.385	4.200f	18268919	1161877	74.395	4.437 #
25)	L5 AR-1248-5	5.438	4.609	5620132	9209967	22.851	35.008 #
26)	L6 AR-1254-1	5.385	4.609	18268919	9209967	73.862	23.457 #
27)	L6 AR-1254-2	5.580	4.674f	9585417	592008	25.292	1.705 #
28)	L6 AR-1254-3	5.919	5.123	17400191	12885099	43.247	23.820 #
29)	L6 AR-1254-4	6.224	5.392f	8440924	3279142	30.253	9.744 #
30)	L6 AR-1254-5	6.632	0.000	10088519	0	30.625	N.D. #
31)	L7 AR-1260-1	6.096	5.247	1758399	4796097	6.814	13.866 #
32)	L7 AR-1260-2	6.389	5.392f	26511525	3279142	94.532	7.882 #
33)	L7 AR-1260-3	6.701	5.599	18634321	2673247	87.369	6.581 #
34)	L7 AR-1260-4	6.941	0.000	3051690	0	13.111	N.D. #
35)	L7 AR-1260-5	7.194f	0.000	34330914	0	76.089	N.D. #
36)	L8 AR-1262-1	6.701	0.000	18634321	0	48.976	N.D. #
37)	L8 AR-1262-2	7.194f	0.000	34330914	0	54.347	N.D. #
38)	L8 AR-1262-3	7.526	6.554	71623	5007921	0.177	13.774 #
39)	L8 AR-1262-4	7.571	0.000	1528308	0	4.639	N.D. #
40)	L8 AR-1262-5	8.138f	0.000	153789	0	0.815	N.D. #
41)	L9 AR-1268-1	7.526	6.554	71623	5007921	0.100	4.906 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082324\
Data File : PQ068142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2024 08:49
Operator : YP\AJ
Sample : AIBLK015
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 05:11:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082124CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 22 09:07:54 2024
Response via : Initial Calibration
Integrator: ChemStation

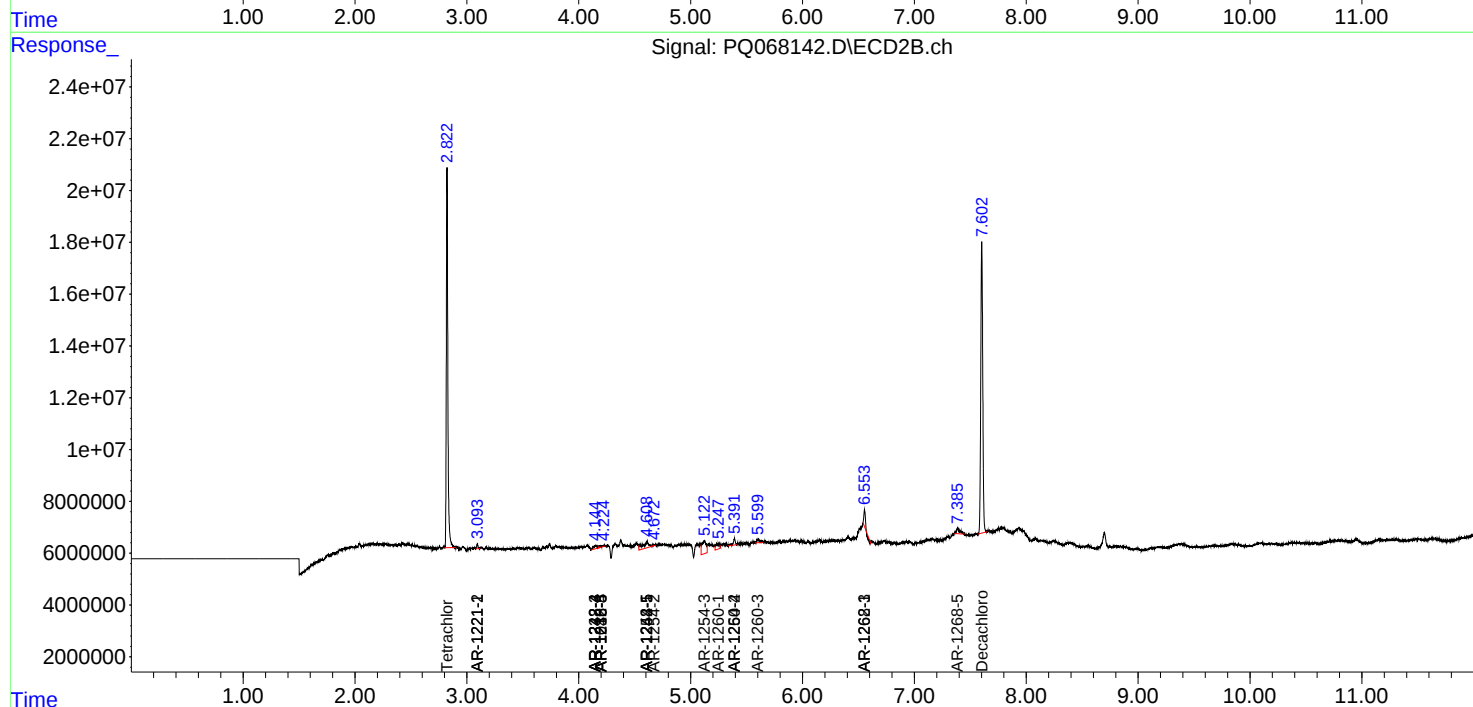
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

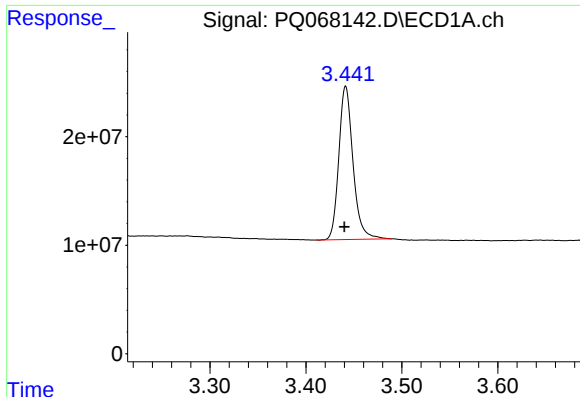
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.571	0.000	1528308	0	2.266	N.D. #
43)	L9 AR-1268-3	7.788	0.000	1592178	0	2.923	N.D. #
44)	L9 AR-1268-4	8.138f	0.000	153789	0	0.717	N.D. #
45)	L9 AR-1268-5	8.389	7.386	1166359	4408611	0.740	1.804 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

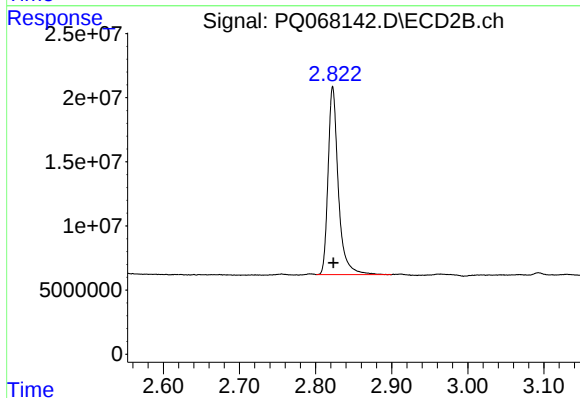




#1 Tetrachloro-m-xylene

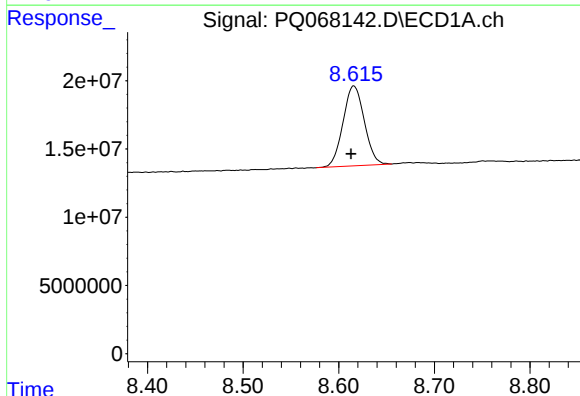
R.T.: 3.441 min
Delta R.T.: 0.001 min
Response: 145155582
Conc: 23.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



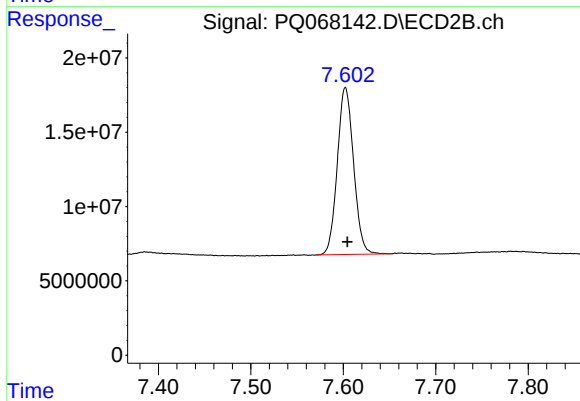
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.001 min
Response: 136801026
Conc: 20.36 ng/ml



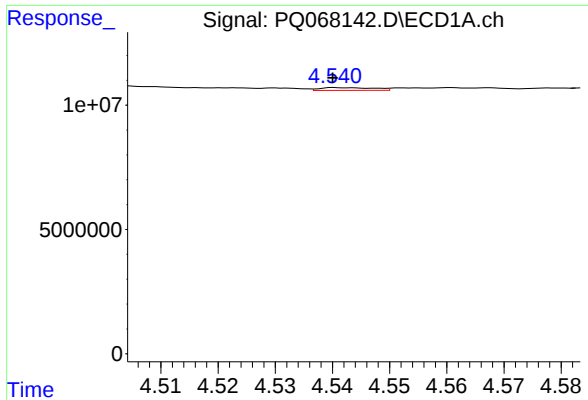
#2 Decachlorobiphenyl

R.T.: 8.616 min
Delta R.T.: 0.003 min
Response: 90718396
Conc: 53.32 ng/ml



#2 Decachlorobiphenyl

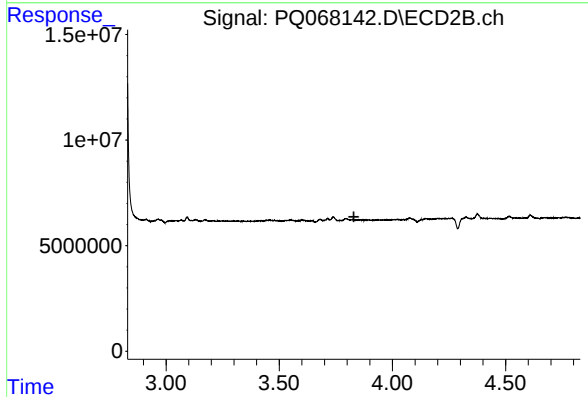
R.T.: 7.602 min
Delta R.T.: -0.002 min
Response: 137452595
Conc: 44.11 ng/ml



#3 AR-1016-1

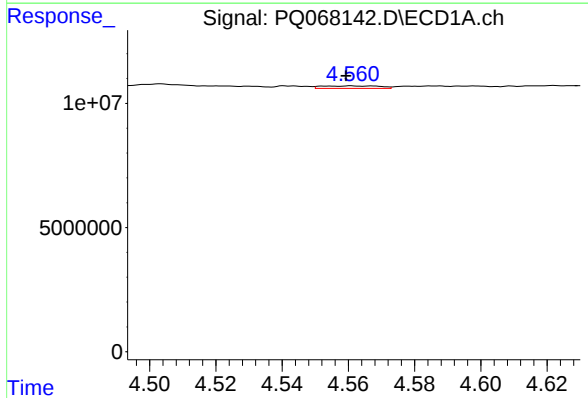
R.T.: 4.541 min
Delta R.T.: 0.001 min
Response: 729083
Conc: 4.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



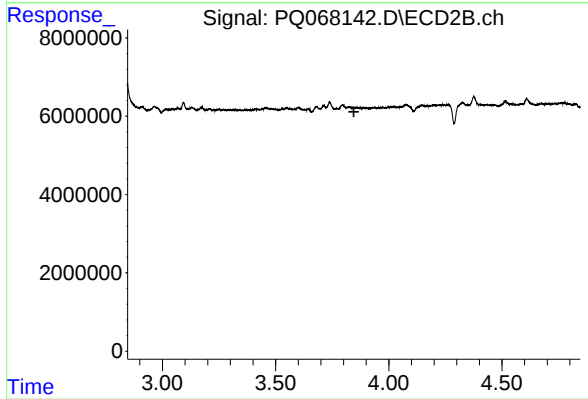
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.830 min
Response: 0
Conc: N.D.



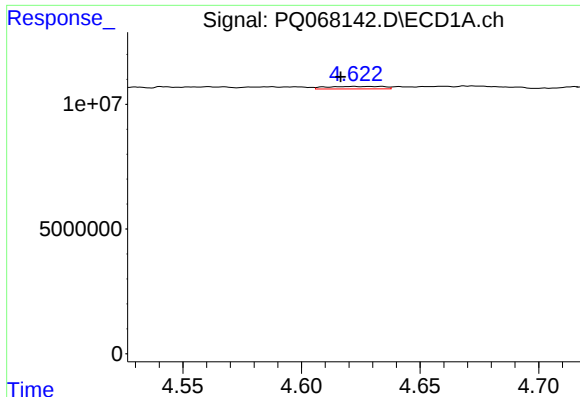
#4 AR-1016-2

R.T.: 4.561 min
Delta R.T.: 0.002 min
Response: 1232490
Conc: 4.40 ng/ml



#4 AR-1016-2

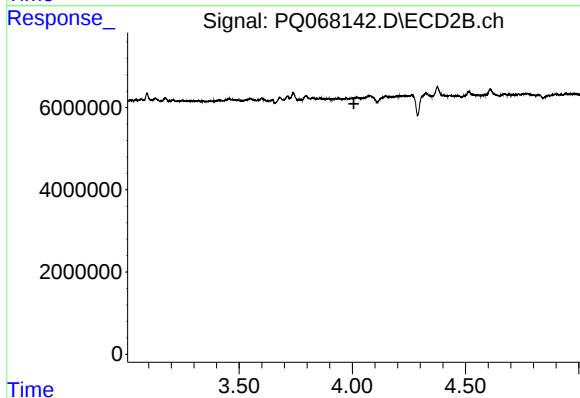
R.T.: 0.000 min
Exp R.T. : 3.846 min
Response: 0
Conc: N.D.



#5 AR-1016-3

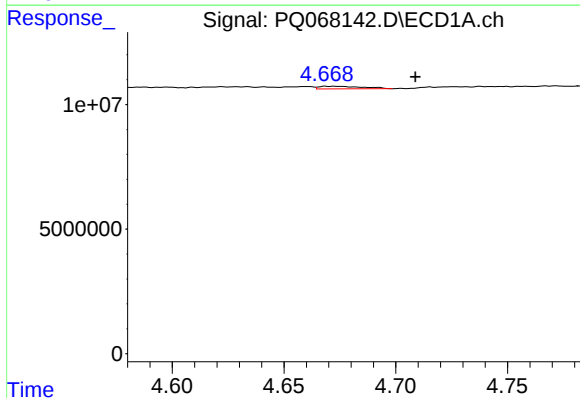
R.T.: 4.622 min
Delta R.T.: 0.006 min
Response: 1663394
Conc: 9.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



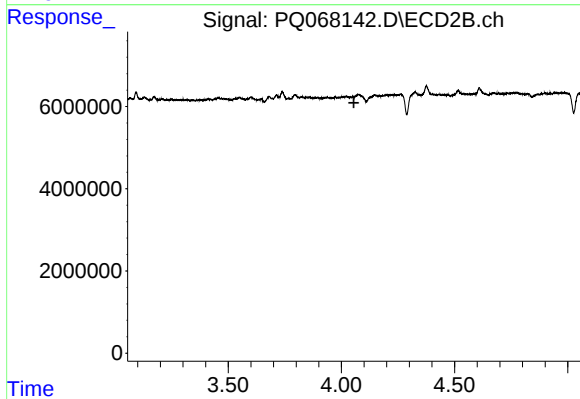
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.007 min
Response: 0
Conc: N.D.



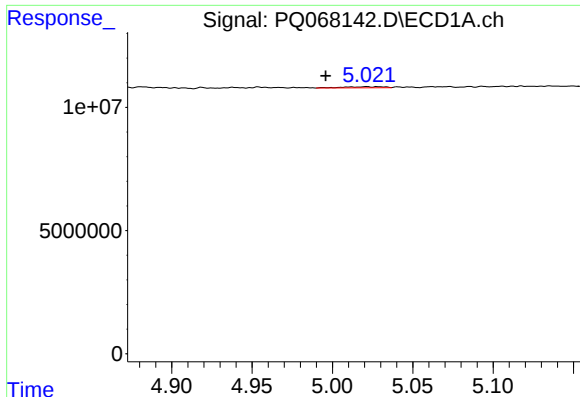
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: -0.036 min
Response: 1414662
Conc: 10.09 ng/ml



#6 AR-1016-4

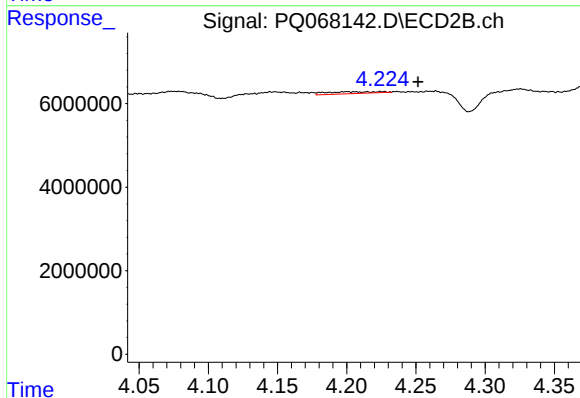
R.T.: 0.000 min
Exp R.T. : 4.055 min
Response: 0
Conc: N.D.



#7 AR-1016-5

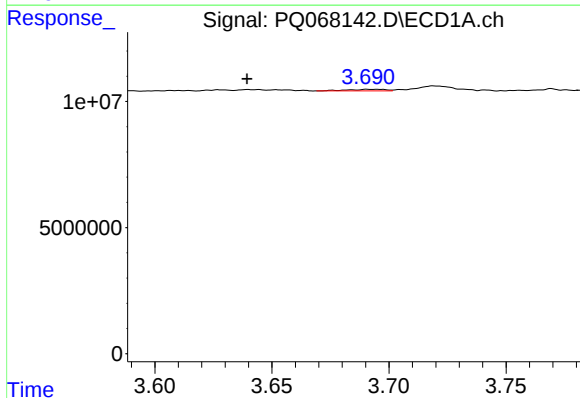
R.T.: 5.021 min
Delta R.T.: 0.025 min
Response: 831729
Conc: 6.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



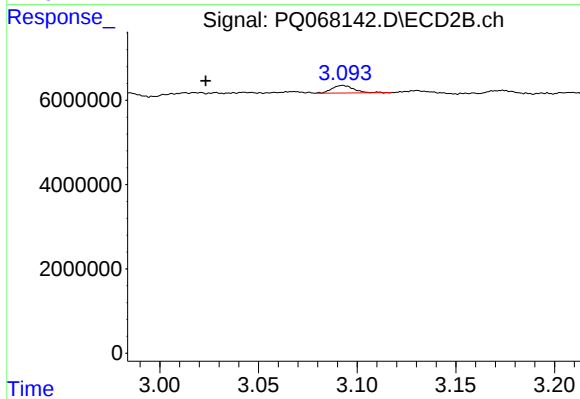
#7 AR-1016-5

R.T.: 4.200 min
Delta R.T.: -0.052 min
Response: 1161877
Conc: 6.68 ng/ml



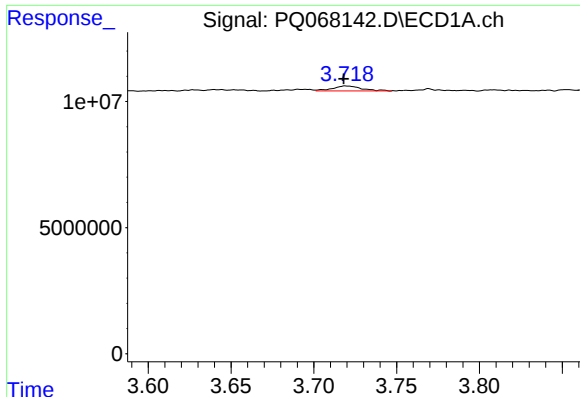
#8 AR-1221-1

R.T.: 3.695 min
Delta R.T.: 0.055 min
Response: 720751
Conc: 10.12 ng/ml



#8 AR-1221-1

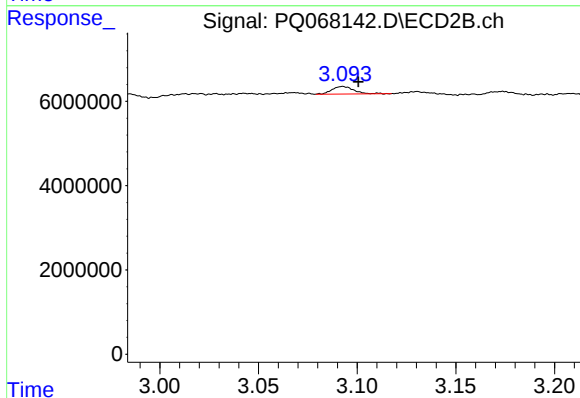
R.T.: 3.093 min
Delta R.T.: 0.070 min
Response: 1378611
Conc: 16.85 ng/ml



#9 AR-1221-2

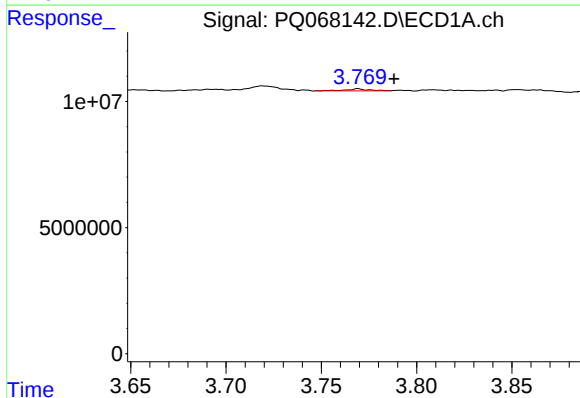
R.T.: 3.720 min
Delta R.T.: 0.001 min
Response: 2433874
Conc: 47.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



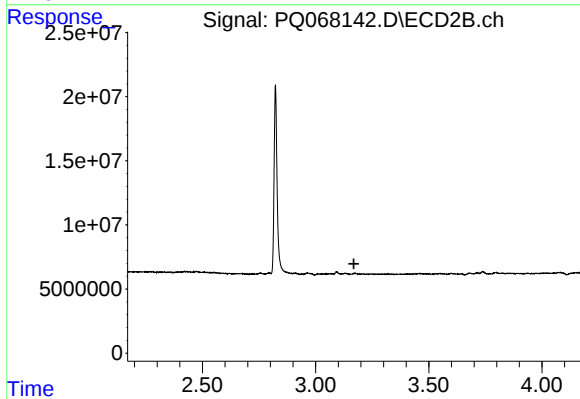
#9 AR-1221-2

R.T.: 3.093 min
Delta R.T.: -0.008 min
Response: 1378611
Conc: 23.90 ng/ml



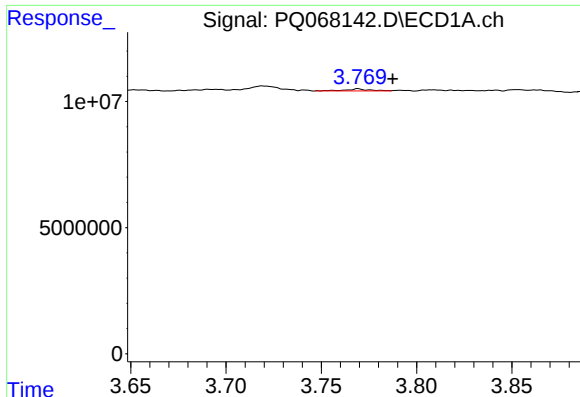
#10 AR-1221-3

R.T.: 3.769 min
Delta R.T.: -0.019 min
Response: 765842
Conc: 4.62 ng/ml



#10 AR-1221-3

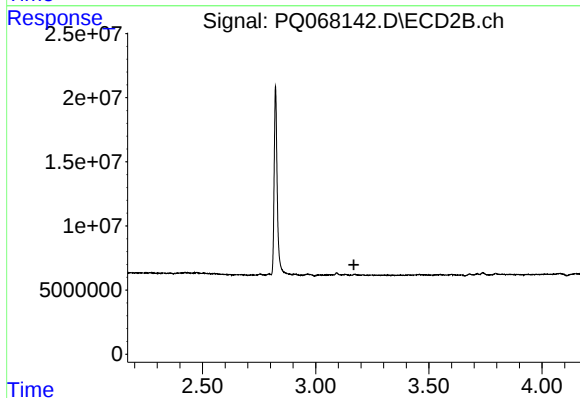
R.T.: 0.000 min
Exp R.T.: 3.169 min
Response: 0
Conc: N.D.



#11 AR-1232-1

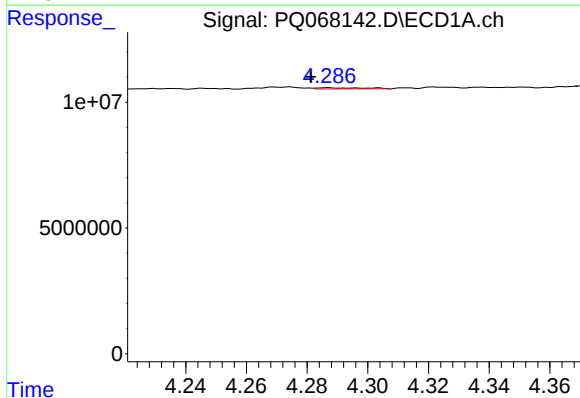
R.T.: 3.769 min
Delta R.T.: -0.018 min
Response: 765842
Conc: 5.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



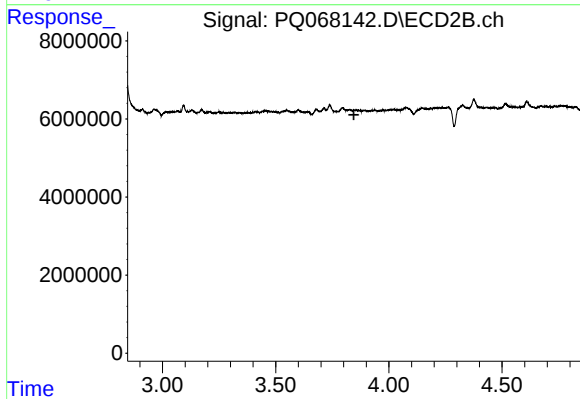
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.169 min
Response: 0
Conc: N.D.



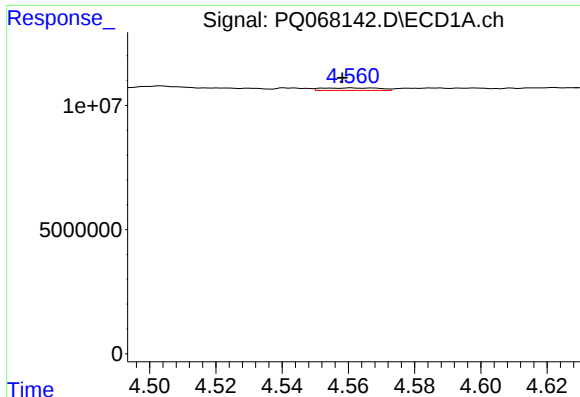
#12 AR-1232-2

R.T.: 4.287 min
Delta R.T.: 0.005 min
Response: 506492
Conc: 7.13 ng/ml



#12 AR-1232-2

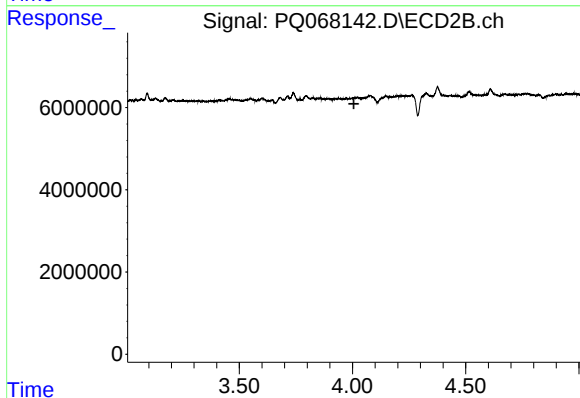
R.T.: 0.000 min
Exp R.T. : 3.845 min
Response: 0
Conc: N.D.



#13 AR-1232-3

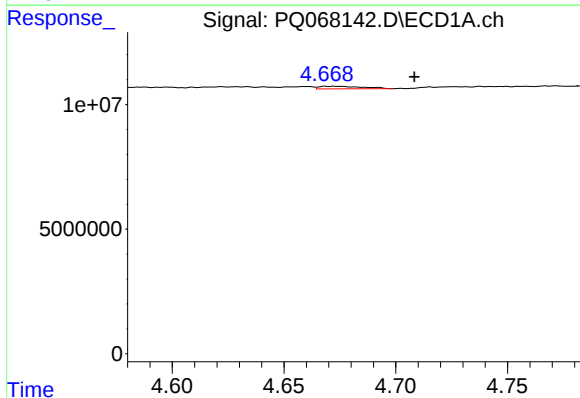
R.T.: 4.561 min
Delta R.T.: 0.003 min
Response: 1232490
Conc: 8.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



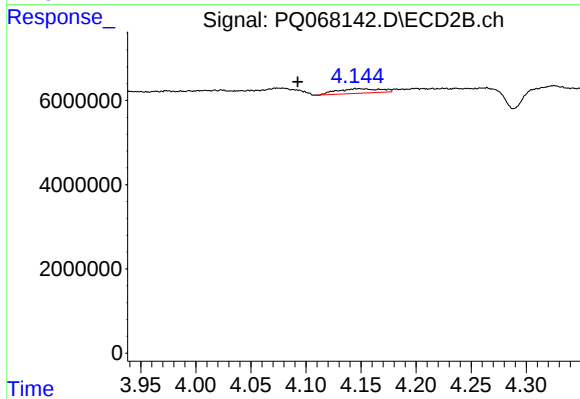
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.006 min
Response: 0
Conc: N.D.



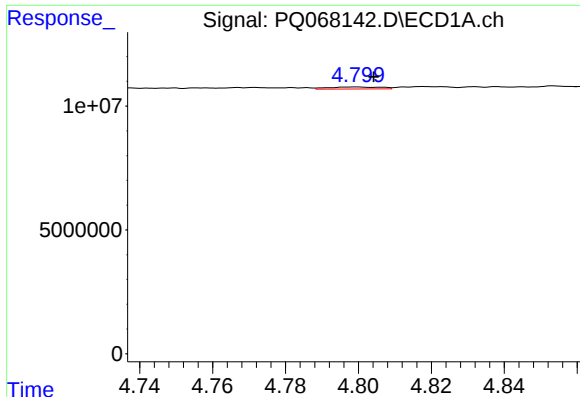
#14 AR-1232-4

R.T.: 4.672 min
Delta R.T.: -0.036 min
Response: 1414662
Conc: 19.55 ng/ml



#14 AR-1232-4

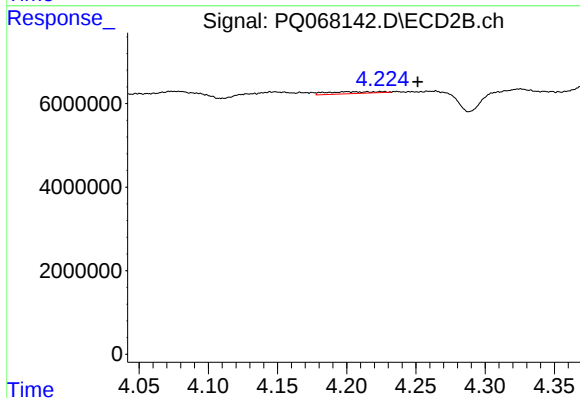
R.T.: 4.148 min
Delta R.T.: 0.056 min
Response: 2943498
Conc: 43.50 ng/ml



#15 AR-1232-5

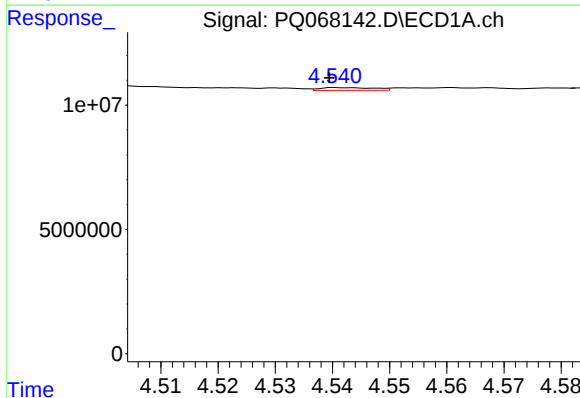
R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 814128
Conc: 17.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



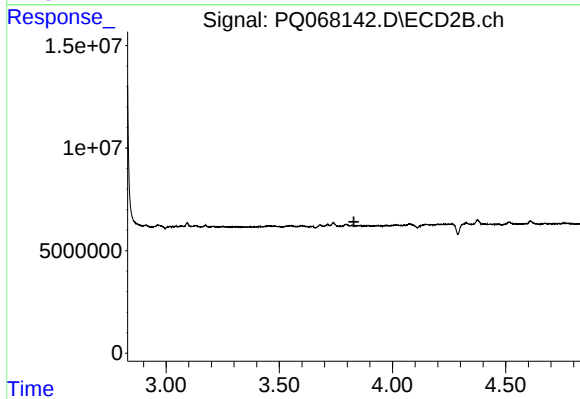
#15 AR-1232-5

R.T.: 4.200 min
Delta R.T.: -0.051 min
Response: 1161877
Conc: 14.79 ng/ml



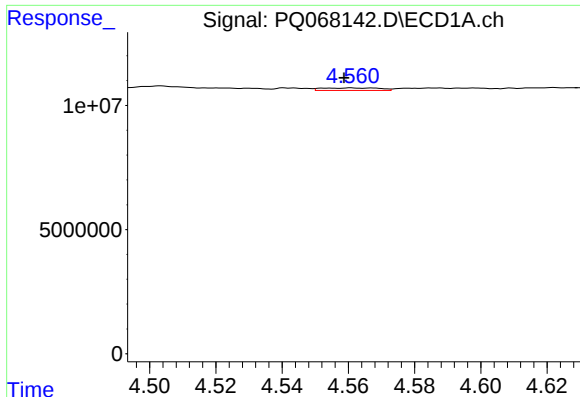
#16 AR-1242-1

R.T.: 4.541 min
Delta R.T.: 0.002 min
Response: 729083
Conc: 4.10 ng/ml



#16 AR-1242-1

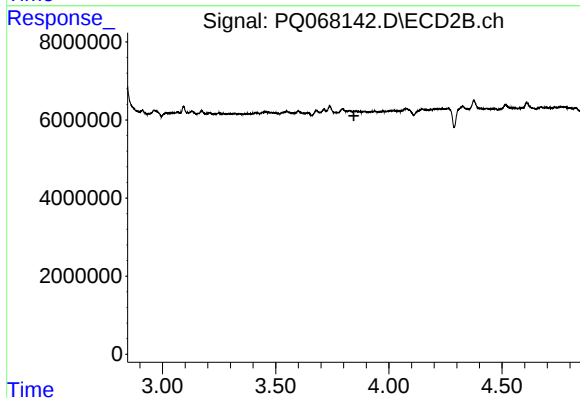
R.T.: 0.000 min
Exp R.T. : 3.829 min
Response: 0
Conc: N.D.



#17 AR-1242-2

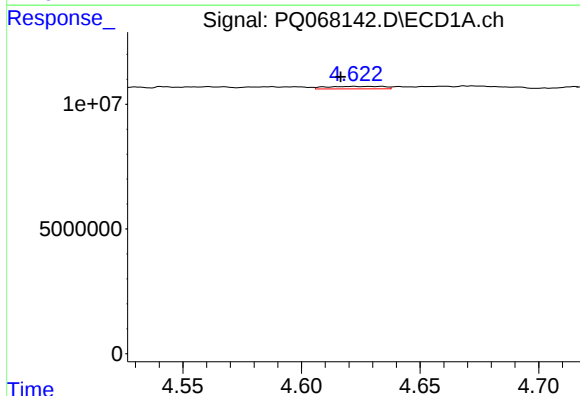
R.T.: 4.561 min
Delta R.T.: 0.002 min
Response: 1232490
Conc: 4.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



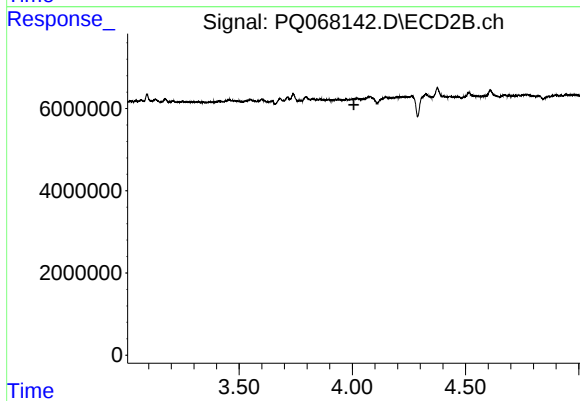
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 3.845 min
Response: 0
Conc: N.D.



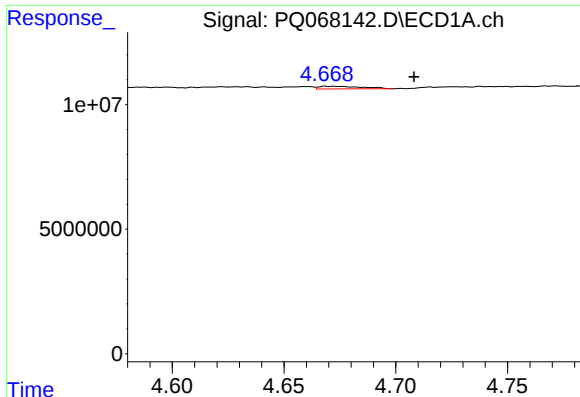
#18 AR-1242-3

R.T.: 4.622 min
Delta R.T.: 0.006 min
Response: 1663394
Conc: 9.88 ng/ml



#18 AR-1242-3

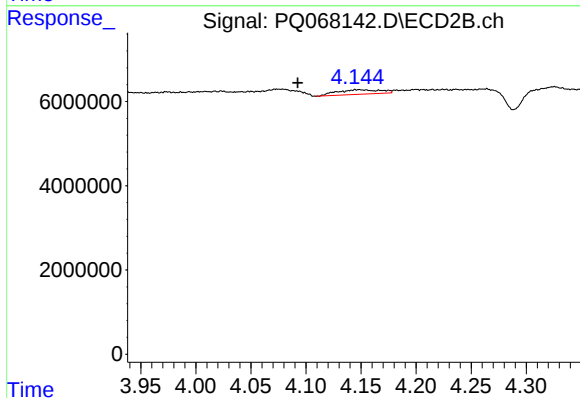
R.T.: 0.000 min
Exp R.T. : 4.007 min
Response: 0
Conc: N.D.



#19 AR-1242-4

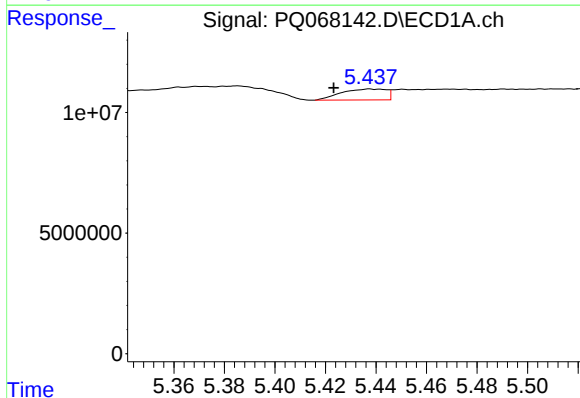
R.T.: 4.672 min
Delta R.T.: -0.036 min
Response: 1414662
Conc: 10.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



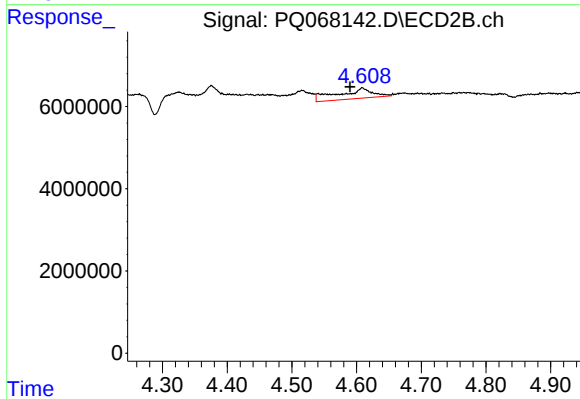
#19 AR-1242-4

R.T.: 4.148 min
Delta R.T.: 0.056 min
Response: 2943498
Conc: 20.37 ng/ml



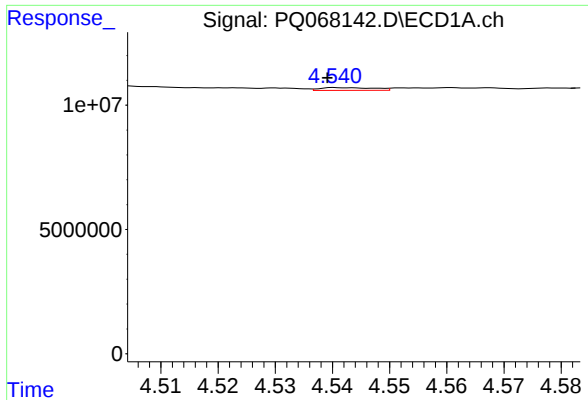
#20 AR-1242-5

R.T.: 5.438 min
Delta R.T.: 0.014 min
Response: 5620132
Conc: 39.04 ng/ml



#20 AR-1242-5

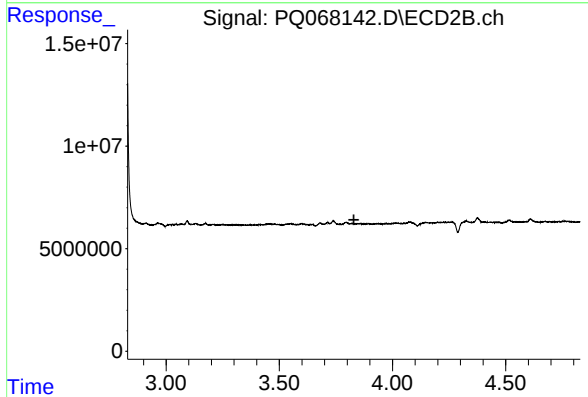
R.T.: 4.609 min
Delta R.T.: 0.019 min
Response: 9209967
Conc: 47.66 ng/ml



#21 AR-1248-1

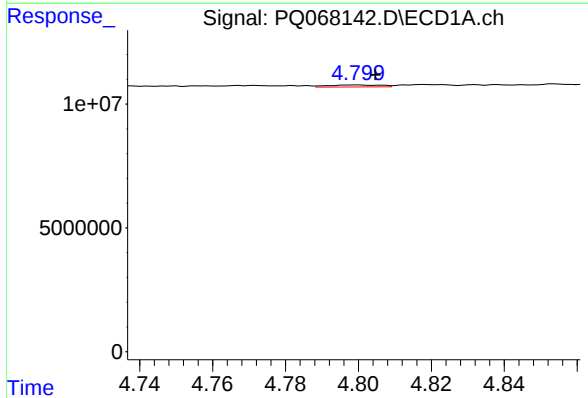
R.T.: 4.541 min
Delta R.T.: 0.002 min
Response: 729083
Conc: 5.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



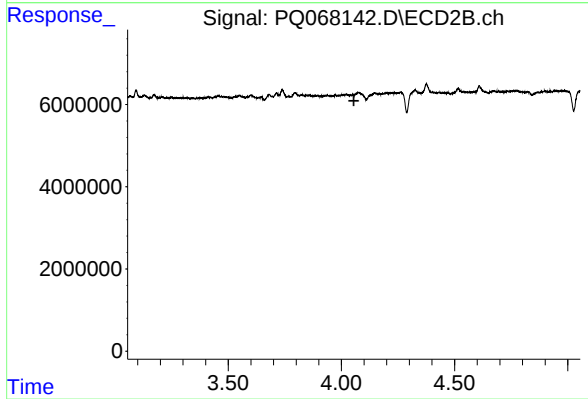
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 3.829 min
Response: 0
Conc: N.D.



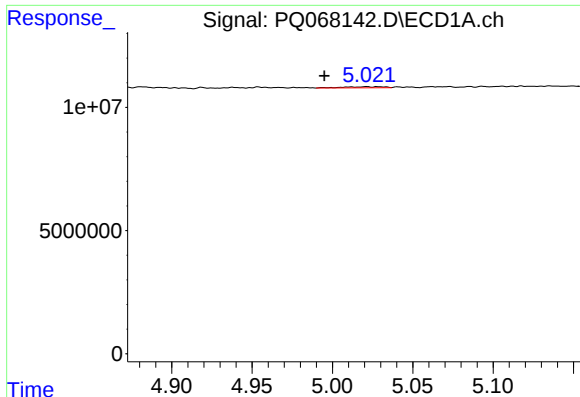
#22 AR-1248-2

R.T.: 4.799 min
Delta R.T.: -0.006 min
Response: 814128
Conc: 4.52 ng/ml



#22 AR-1248-2

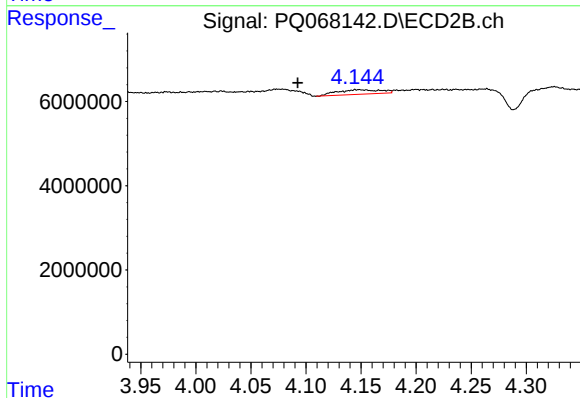
R.T.: 0.000 min
Exp R.T. : 4.055 min
Response: 0
Conc: N.D.



#23 AR-1248-3

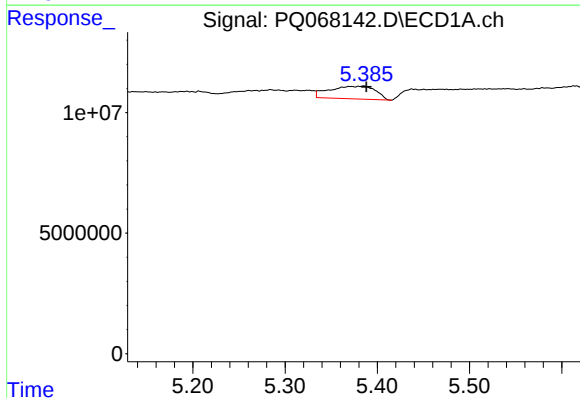
R.T.: 5.021 min
Delta R.T.: 0.026 min
Response: 831729
Conc: 3.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



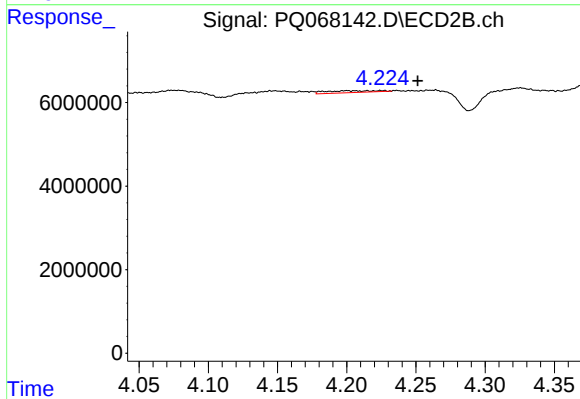
#23 AR-1248-3

R.T.: 4.148 min
Delta R.T.: 0.056 min
Response: 2943498
Conc: 13.83 ng/ml



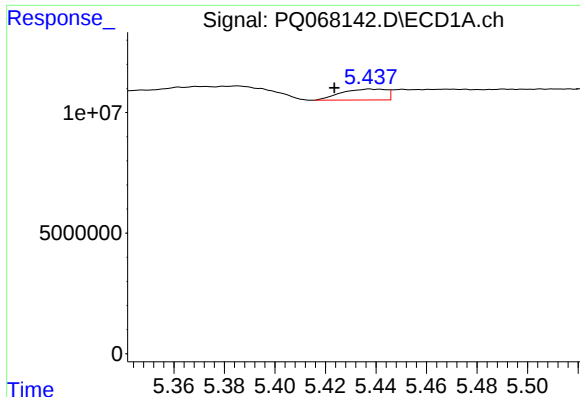
#24 AR-1248-4

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 18268919
Conc: 74.40 ng/ml



#24 AR-1248-4

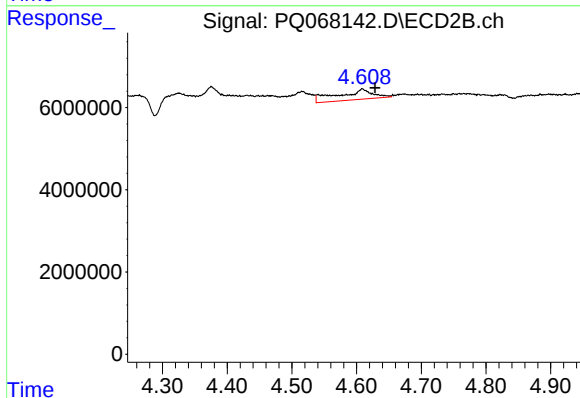
R.T.: 4.200 min
Delta R.T.: -0.052 min
Response: 1161877
Conc: 4.44 ng/ml



#25 AR-1248-5

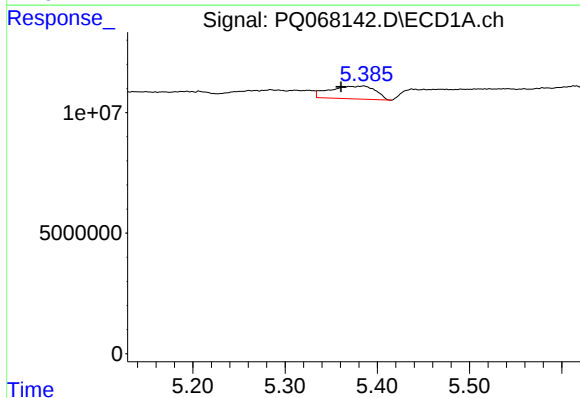
R.T.: 5.438 min
Delta R.T.: 0.014 min
Response: 5620132
Conc: 22.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



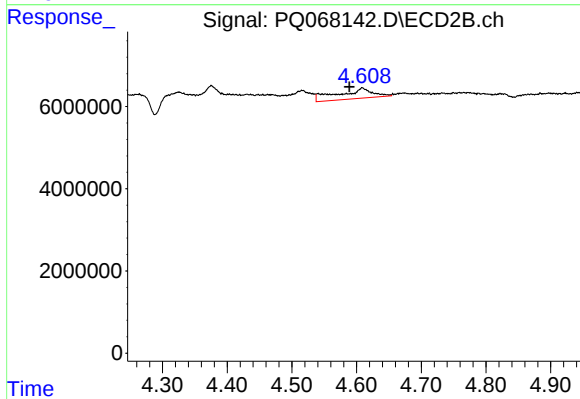
#25 AR-1248-5

R.T.: 4.609 min
Delta R.T.: -0.020 min
Response: 9209967
Conc: 35.01 ng/ml



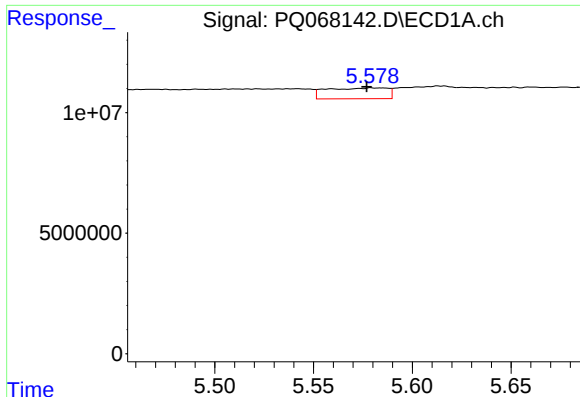
#26 AR-1254-1

R.T.: 5.385 min
Delta R.T.: 0.024 min
Response: 18268919
Conc: 73.86 ng/ml



#26 AR-1254-1

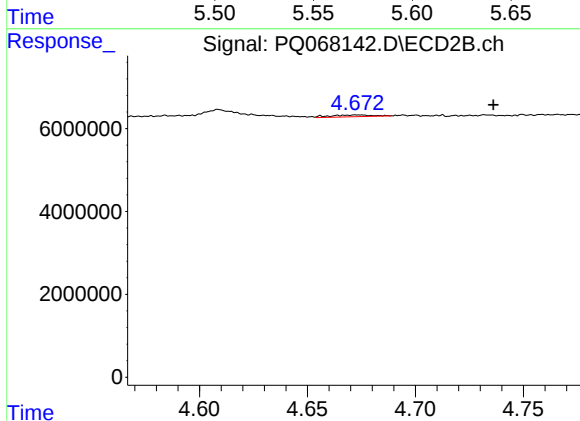
R.T.: 4.609 min
Delta R.T.: 0.020 min
Response: 9209967
Conc: 23.46 ng/ml



#27 AR-1254-2

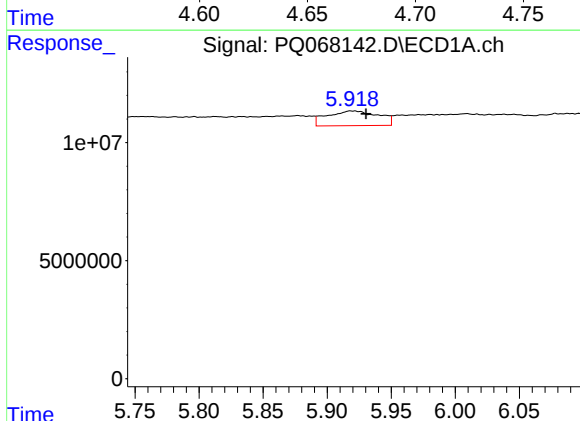
R.T.: 5.580 min
Delta R.T.: 0.003 min
Response: 9585417
Conc: 25.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



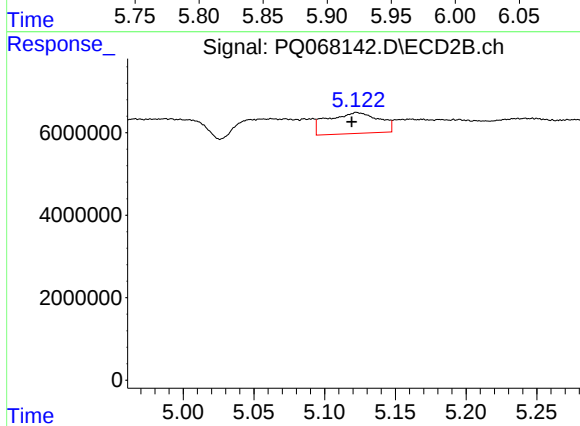
#27 AR-1254-2

R.T.: 4.674 min
Delta R.T.: -0.063 min
Response: 592008
Conc: 1.71 ng/ml



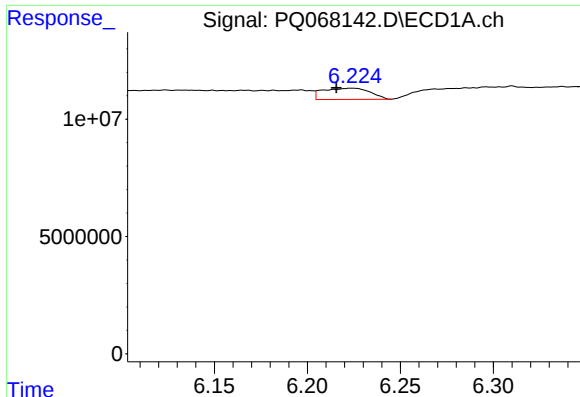
#28 AR-1254-3

R.T.: 5.919 min
Delta R.T.: -0.012 min
Response: 17400191
Conc: 43.25 ng/ml



#28 AR-1254-3

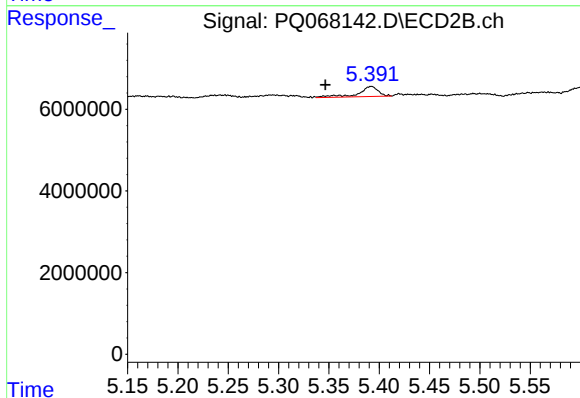
R.T.: 5.123 min
Delta R.T.: 0.004 min
Response: 12885099
Conc: 23.82 ng/ml



#29 AR-1254-4

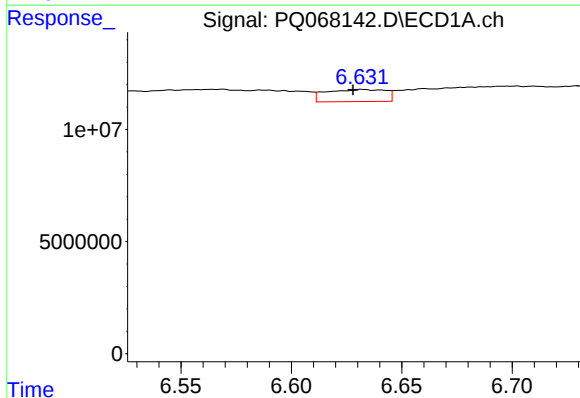
R.T.: 6.224 min
Delta R.T.: 0.009 min
Response: 8440924
Conc: 30.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



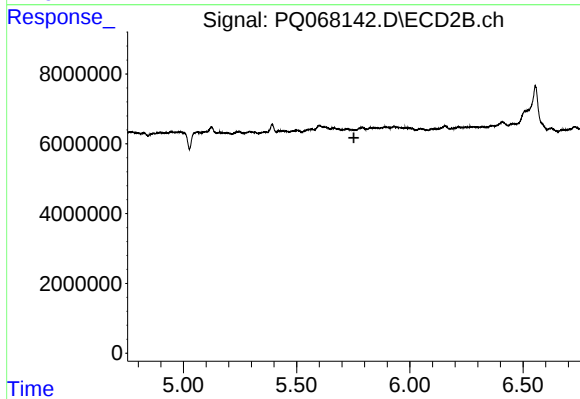
#29 AR-1254-4

R.T.: 5.392 min
Delta R.T.: 0.046 min
Response: 3279142
Conc: 9.74 ng/ml



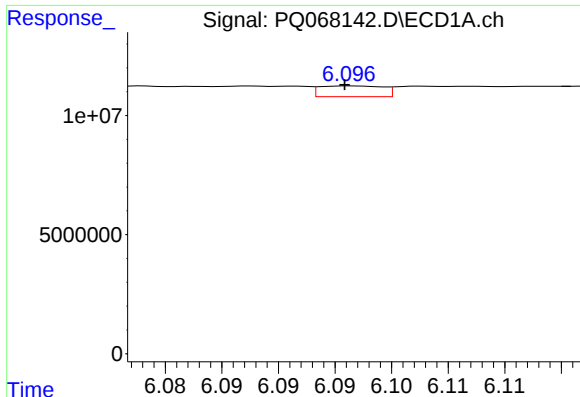
#30 AR-1254-5

R.T.: 6.632 min
Delta R.T.: 0.004 min
Response: 10088519
Conc: 30.63 ng/ml



#30 AR-1254-5

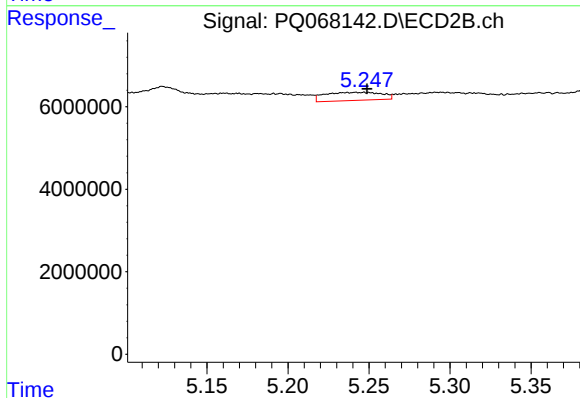
R.T.: 0.000 min
Exp R.T.: 5.753 min
Response: 0
Conc: N.D.



#31 AR-1260-1

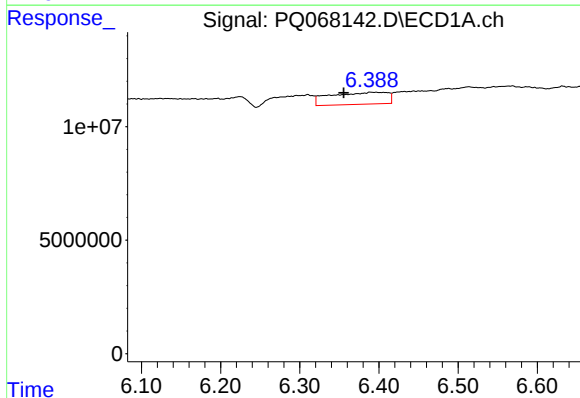
R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 1758399
Conc: 6.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



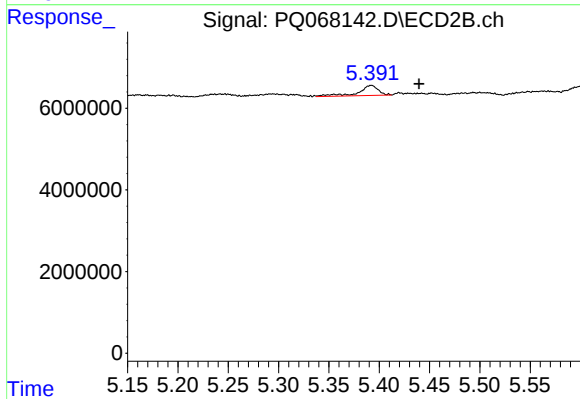
#31 AR-1260-1

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 4796097
Conc: 13.87 ng/ml



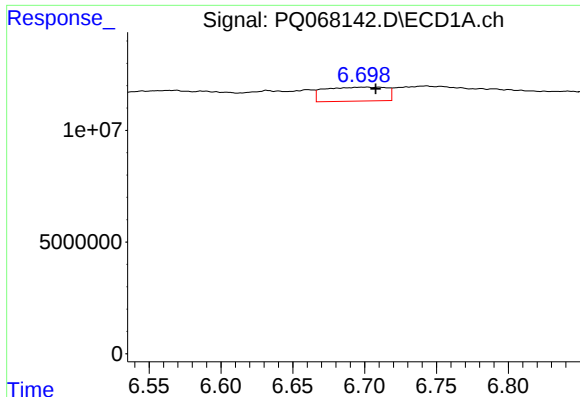
#32 AR-1260-2

R.T.: 6.389 min
Delta R.T.: 0.034 min
Response: 26511525
Conc: 94.53 ng/ml



#32 AR-1260-2

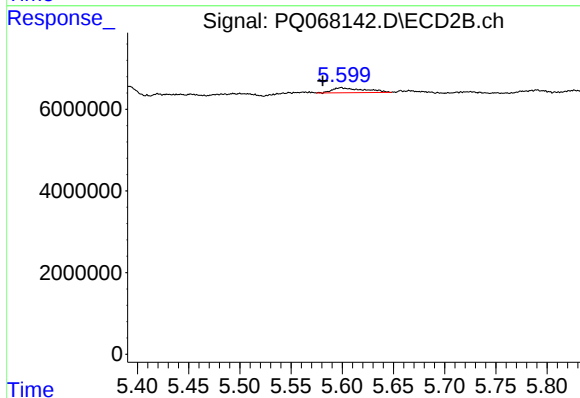
R.T.: 5.392 min
Delta R.T.: -0.048 min
Response: 3279142
Conc: 7.88 ng/ml



#33 AR-1260-3

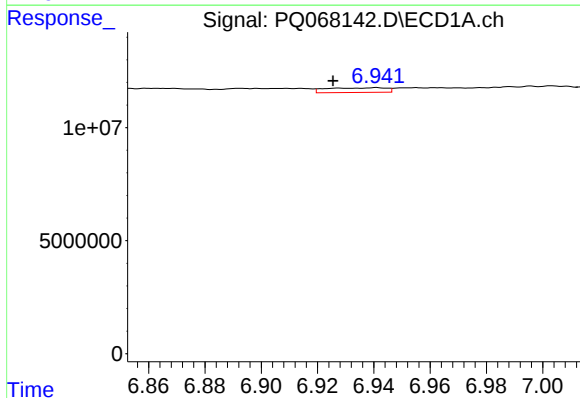
R.T.: 6.701 min
Delta R.T.: -0.007 min
Response: 18634321
Conc: 87.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



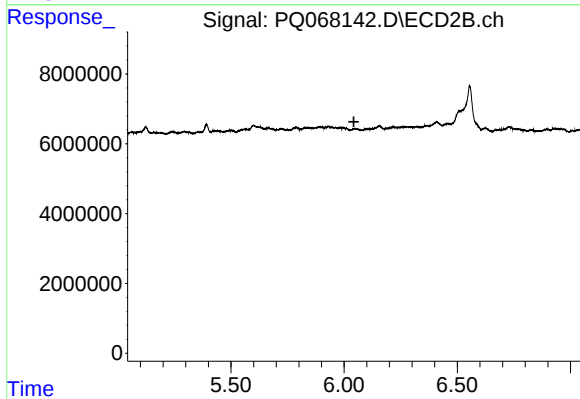
#33 AR-1260-3

R.T.: 5.599 min
Delta R.T.: 0.018 min
Response: 2673247
Conc: 6.58 ng/ml



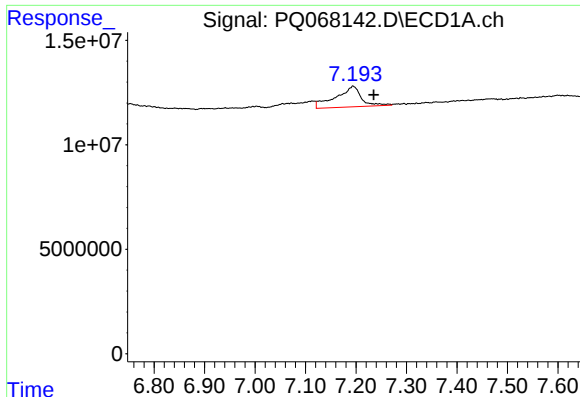
#34 AR-1260-4

R.T.: 6.941 min
Delta R.T.: 0.016 min
Response: 3051690
Conc: 13.11 ng/ml



#34 AR-1260-4

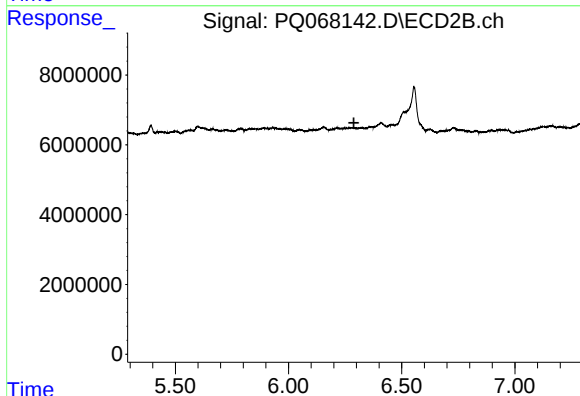
R.T.: 0.000 min
Exp R.T. : 6.043 min
Response: 0
Conc: N.D.



#35 AR-1260-5

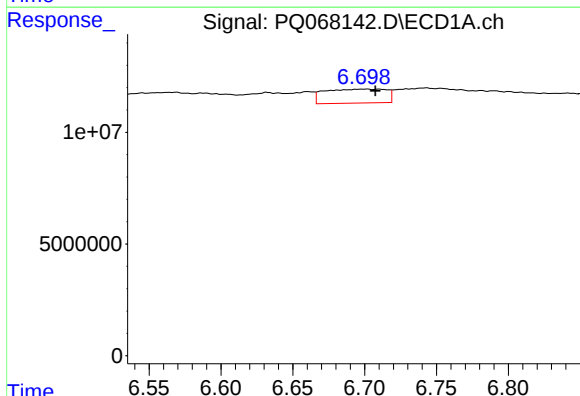
R.T.: 7.194 min
Delta R.T.: -0.041 min
Response: 34330914
Conc: 76.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



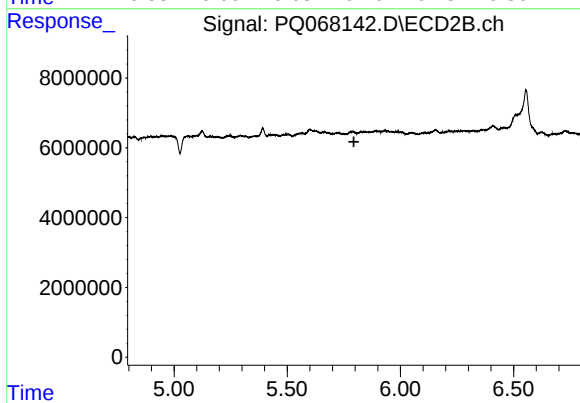
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 6.289 min
Response: 0
Conc: N.D.



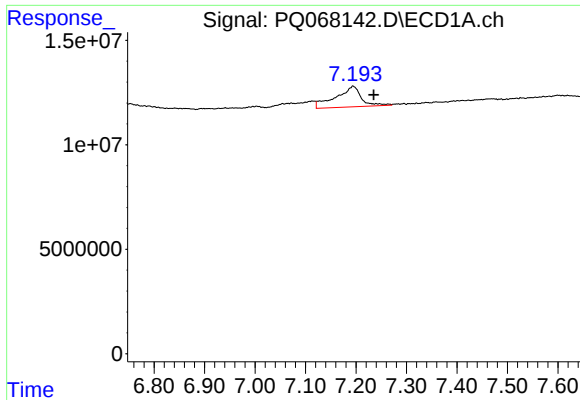
#36 AR-1262-1

R.T.: 6.701 min
Delta R.T.: -0.006 min
Response: 18634321
Conc: 48.98 ng/ml



#36 AR-1262-1

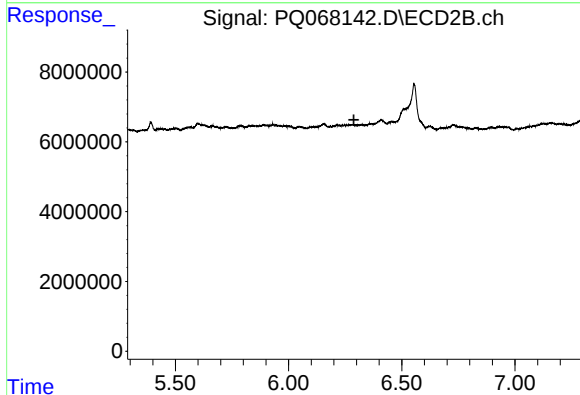
R.T.: 0.000 min
Exp R.T. : 5.794 min
Response: 0
Conc: N.D.



#37 AR-1262-2

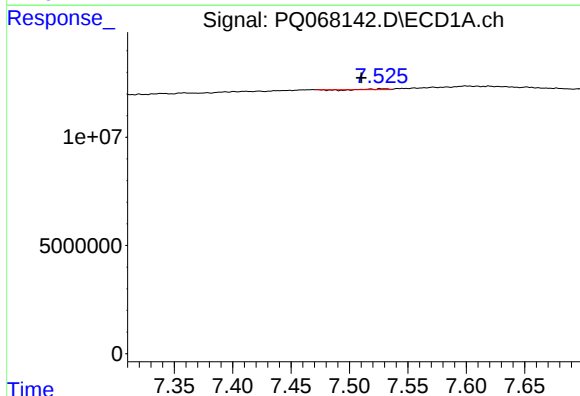
R.T.: 7.194 min
Delta R.T.: -0.041 min
Response: 34330914
Conc: 54.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



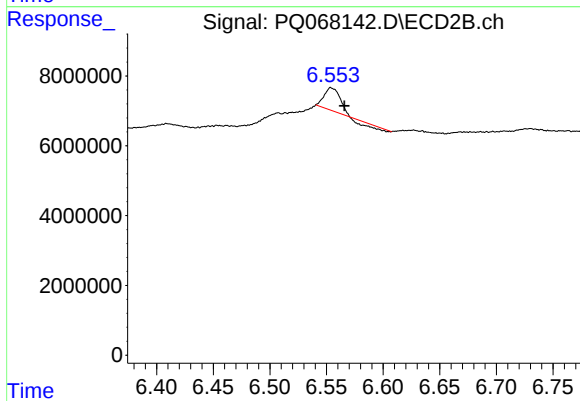
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.289 min
Response: 0
Conc: N.D.



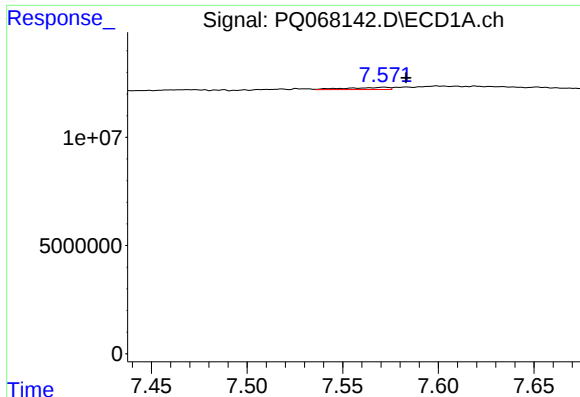
#38 AR-1262-3

R.T.: 7.526 min
Delta R.T.: 0.016 min
Response: 71623
Conc: 0.18 ng/ml



#38 AR-1262-3

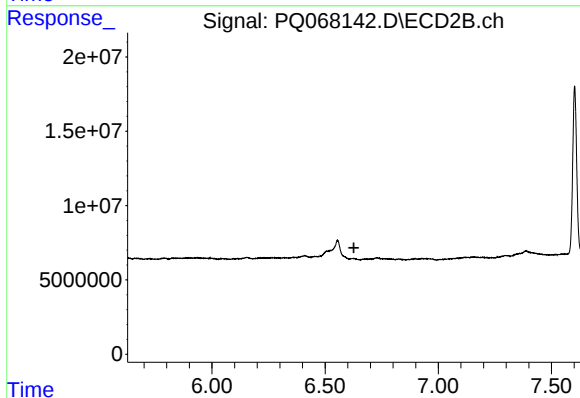
R.T.: 6.554 min
Delta R.T.: -0.012 min
Response: 5007921
Conc: 13.77 ng/ml



#39 AR-1262-4

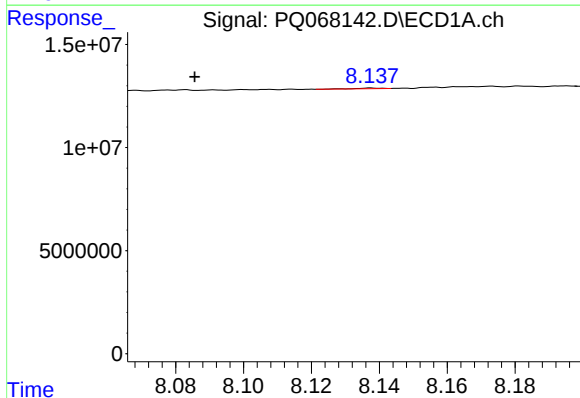
R.T.: 7.571 min
Delta R.T.: -0.012 min
Response: 1528308
Conc: 4.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



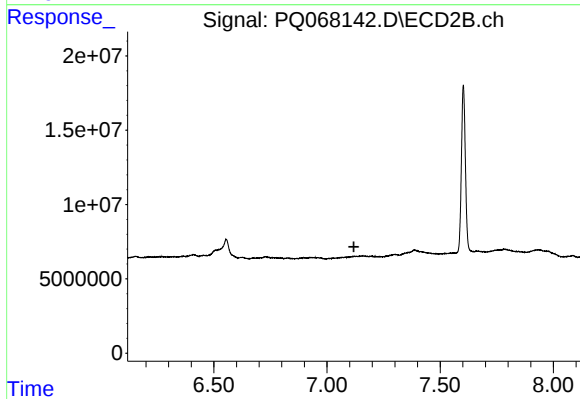
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.627 min
Response: 0
Conc: N.D.



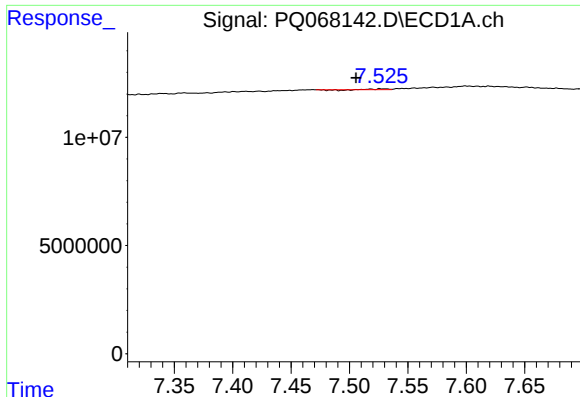
#40 AR-1262-5

R.T.: 8.138 min
Delta R.T.: 0.052 min
Response: 153789
Conc: 0.82 ng/ml



#40 AR-1262-5

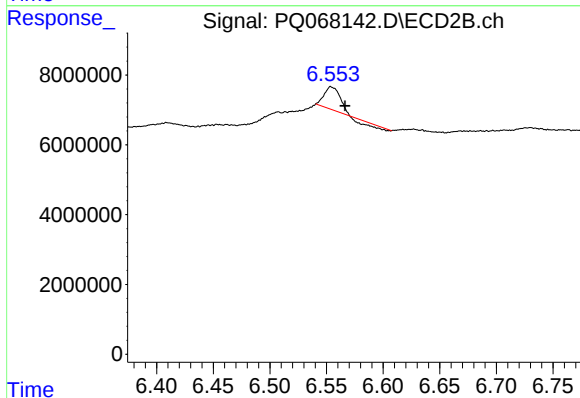
R.T.: 0.000 min
Exp R.T. : 7.119 min
Response: 0
Conc: N.D.



#41 AR-1268-1

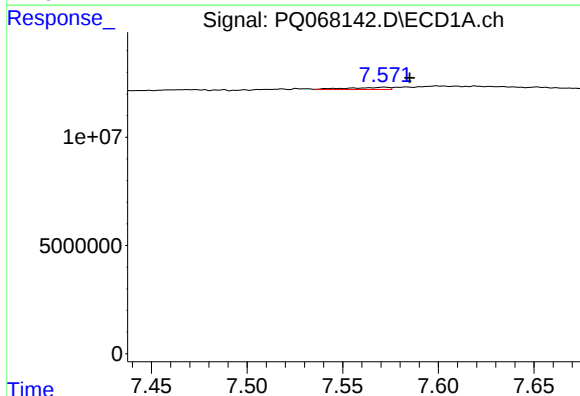
R.T.: 7.526 min
Delta R.T.: 0.021 min
Response: 71623
Conc: 0.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



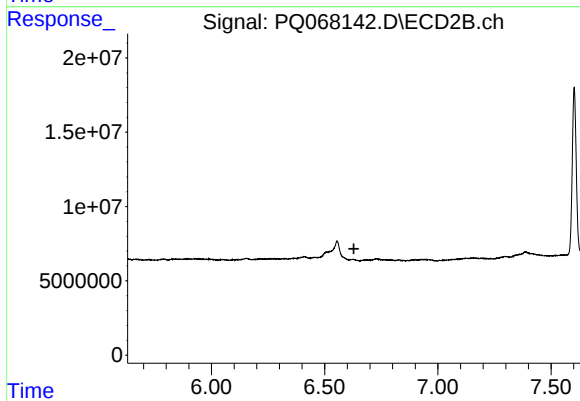
#41 AR-1268-1

R.T.: 6.554 min
Delta R.T.: -0.012 min
Response: 5007921
Conc: 4.91 ng/ml



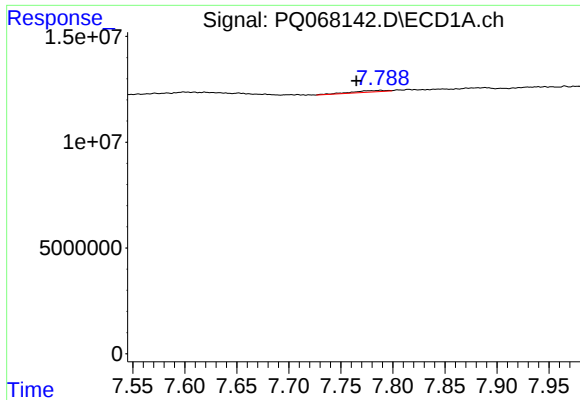
#42 AR-1268-2

R.T.: 7.571 min
Delta R.T.: -0.014 min
Response: 1528308
Conc: 2.27 ng/ml



#42 AR-1268-2

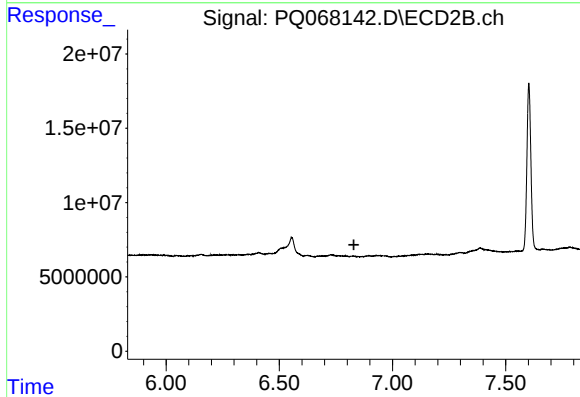
R.T.: 0.000 min
Exp R.T.: 6.629 min
Response: 0
Conc: N.D.



#43 AR-1268-3

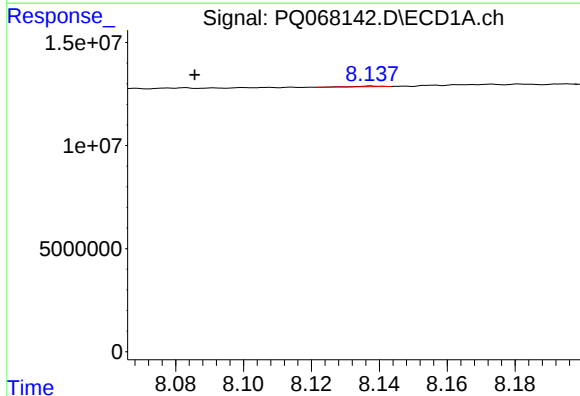
R.T.: 7.788 min
Delta R.T.: 0.023 min
Response: 1592178
Conc: 2.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



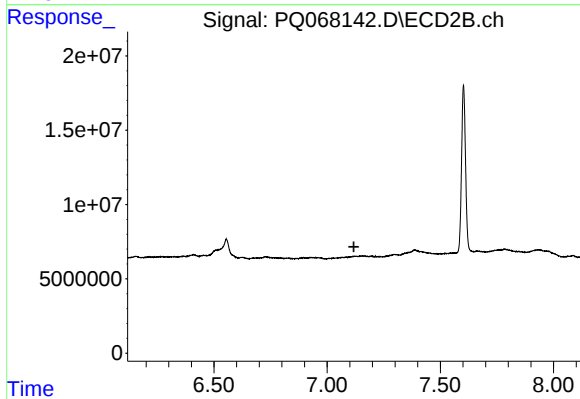
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 6.830 min
Response: 0
Conc: N.D.



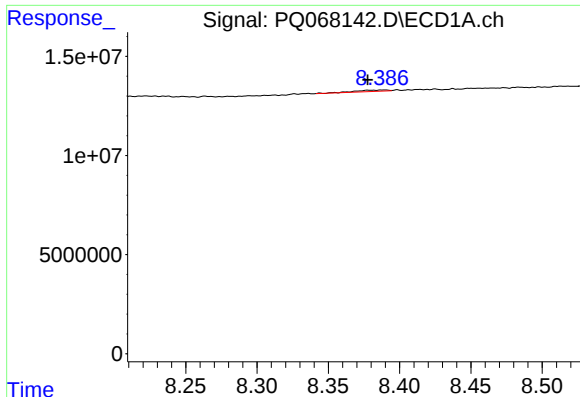
#44 AR-1268-4

R.T.: 8.138 min
Delta R.T.: 0.052 min
Response: 153789
Conc: 0.72 ng/ml



#44 AR-1268-4

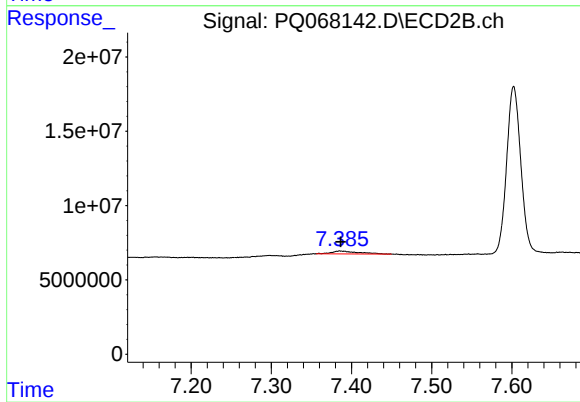
R.T.: 0.000 min
Exp R.T. : 7.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.389 min
Delta R.T.: 0.011 min
Response: 1166359
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 4408611
Conc: 1.80 ng/ml