

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082824\
 Data File : PQ068322.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 19:03
 Operator : YP\AJ
 Sample : P3692-22
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 E1K93

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 02:06:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 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...	3.437	2.822	154.2E6	146.8E6	19.517	20.730
2) SA Decachlor...	8.608	7.600	111.7E6	165.3E6	49.103	48.883
Target Compounds						
3) L1 AR-1016-1	4.564	3.861	1735371	2384619	7.678	10.899 #
4) L1 AR-1016-2	4.564	3.861	1735371	2384619	4.931	7.282 #
5) L1 AR-1016-3	4.627	0.000	2651379	0	12.182	N.D. #
6) L1 AR-1016-4	4.705	4.080	131980	7287977	0.730	49.986 #
7) L1 AR-1016-5	5.032f	4.242	2176244	6133497	12.522	33.305 #
8) L2 AR-1221-1	3.623	0.000	1260357	0	13.726	N.D. #
9) L2 AR-1221-2	3.716	3.093	2198507	1941835	34.437	32.576
10) L2 AR-1221-3	3.843f	3.213f	176008	1017451	0.852	5.266 #
11) L3 AR-1232-1	3.843f	3.213f	176008	1017451	1.066	6.687 #
12) L3 AR-1232-2	4.267	3.861	22465534	2384619	247.342	15.377 #
13) L3 AR-1232-3	4.564	0.000	1735371	0	10.261	N.D. #
14) L3 AR-1232-4	4.705	4.080	131980	7287977	1.528	104.336 #
15) L3 AR-1232-5	4.809	4.242	2004140	6133497	35.490	78.030 #
16) L4 AR-1242-1	4.564	3.861	1735371	2384619	8.490	12.325 #
17) L4 AR-1242-2	4.564	3.861	1735371	2384619	5.546	8.205 #
18) L4 AR-1242-3	4.627	0.000	2651379	0	13.551	N.D. #
19) L4 AR-1242-4	4.705	4.080	131980	7287977	0.817	49.810 #
20) L4 AR-1242-5	5.423	4.605	575778	3893932	3.406	20.143 #
21) L5 AR-1248-1	4.564	3.861	1735371	2384619	11.272	16.716 #
22) L5 AR-1248-2	4.809	4.080	2004140	7287977	9.537	32.950 #
23) L5 AR-1248-3	5.032f	4.080	2176244	7287977	8.625	33.939 #
24) L5 AR-1248-4	5.387	4.242	1053371	6133497	3.746	23.225 #
25) L5 AR-1248-5	5.423	4.626	575778	2485683	2.040	9.396 #
26) L6 AR-1254-1	5.359	4.605	1819961	3893932	6.579	9.910 #
27) L6 AR-1254-2	5.586	0.000	3059855	0	7.166	N.D. #
28) L6 AR-1254-3	5.924	5.118	3344147	1762641	7.446	3.256 #
29) L6 AR-1254-4	6.217	0.000	1387431	0	4.340	N.D. #
30) L6 AR-1254-5	6.628	0.000	605401	0	1.746	N.D. #
31) L7 AR-1260-1	6.090	0.000	2267916	0	6.872	N.D. #
32) L7 AR-1260-2	6.360	5.454	596263	926380	1.582	2.111 #
33) L7 AR-1260-3	6.702	5.596	476332	497386	1.723	1.154 #
34) L7 AR-1260-4	6.917	5.978f	605554	329135	1.983	0.969 #
35) L7 AR-1260-5	7.250	6.255	143661	2401985	0.246	3.026 #
36) L8 AR-1262-1	6.702	0.000	476332	0	1.127	N.D. #
37) L8 AR-1262-2	7.250	6.255	143661	2401985	0.210	2.668 #
38) L8 AR-1262-3	7.505	6.553	495926	2068798	1.120	6.023 #
39) L8 AR-1262-4	7.590	0.000	1877774	0	5.481	N.D. #
41) L9 AR-1268-1	7.505	6.553	495926	2068798	0.645	2.077 #
42) L9 AR-1268-2	7.590	0.000	1877774	0	2.617	N.D. #

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 29 02:06:01 2024
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 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
43) L9	AR-1268-3	7.766	6.837	423128	621054	0.732	0.761
45) L9	AR-1268-5	8.372	7.388	368684	1644233	0.227	0.681 #

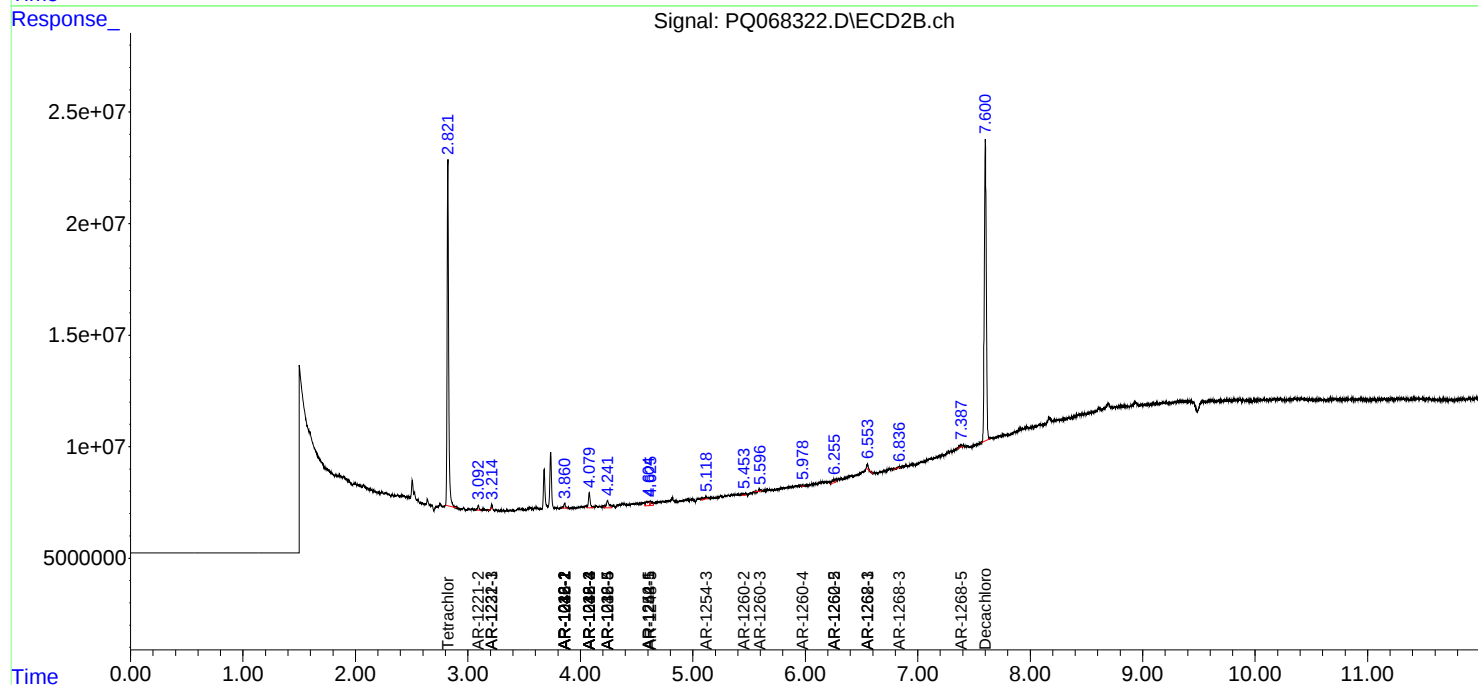
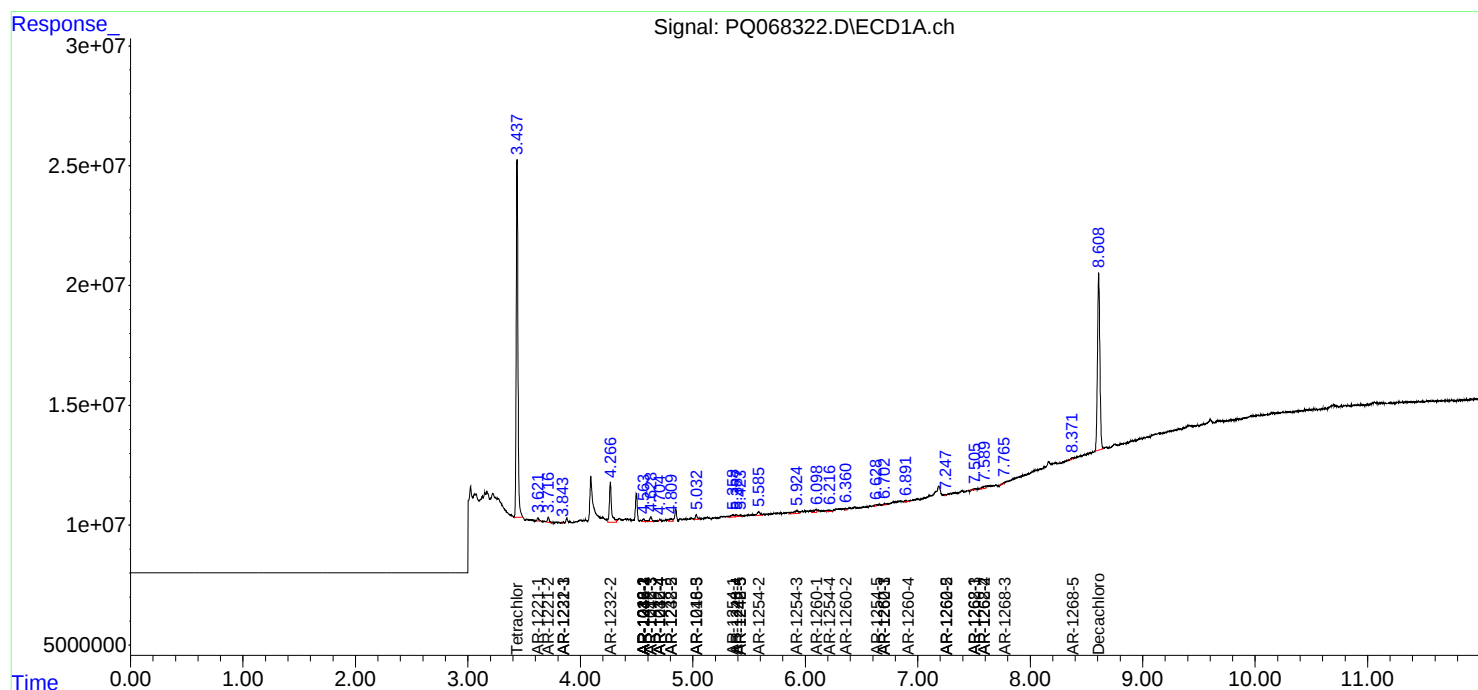
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

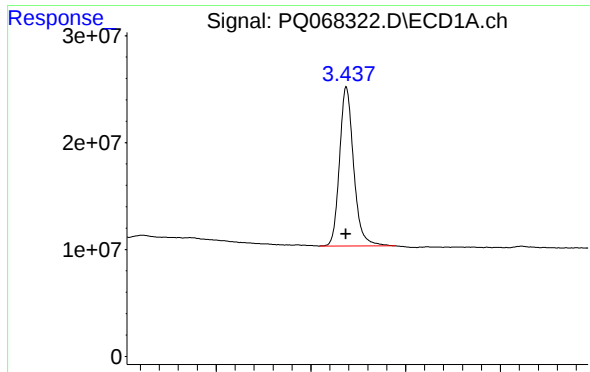
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082824\
Data File : PQ068322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2024 19:03
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Integration File signal 1: autoint1.e
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Quant Time: Aug 29 02:06:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 02:08:25 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

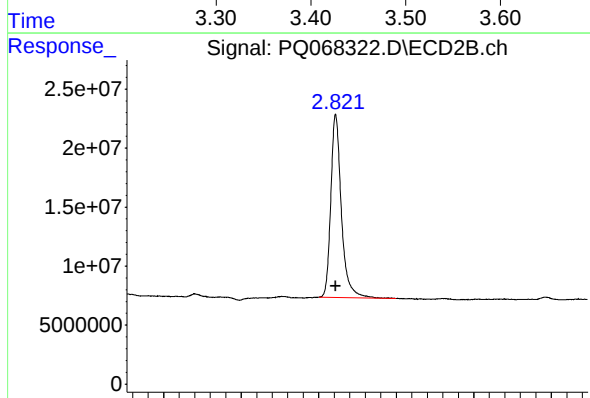




#1 Tetrachloro-m-xylene

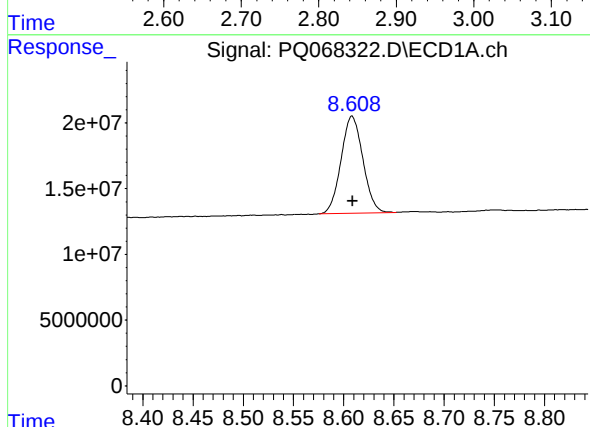
R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 154191293
Conc: 19.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



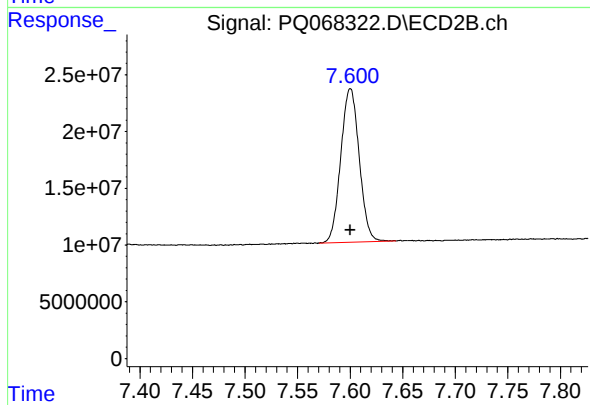
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 146819321
Conc: 20.73 ng/ml



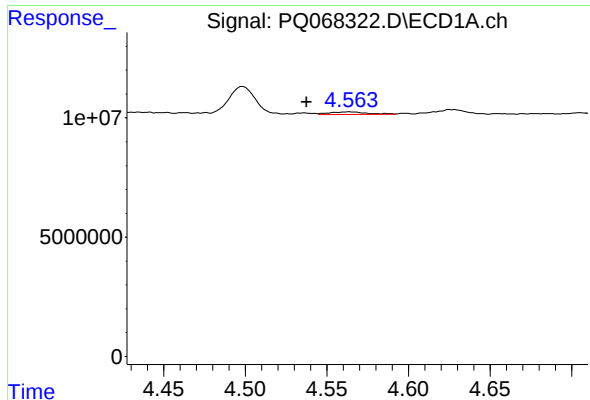
#2 Decachlorobiphenyl

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 111682860
Conc: 49.10 ng/ml



#2 Decachlorobiphenyl

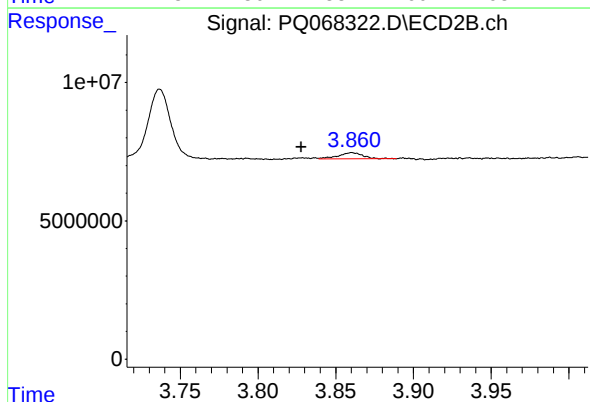
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 165323779
Conc: 48.88 ng/ml



#3 AR-1016-1

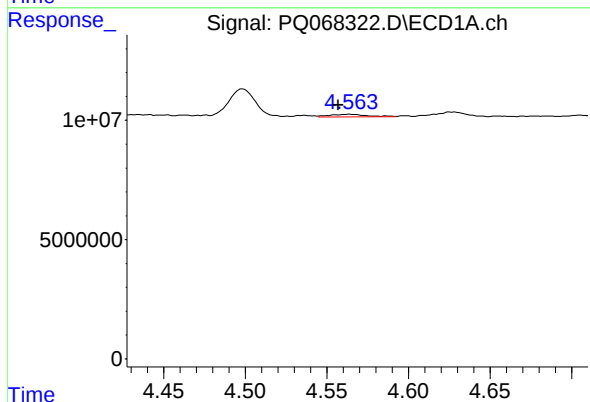
R.T.: 4.564 min
Delta R.T.: 0.026 min
Response: 1735371
Conc: 7.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



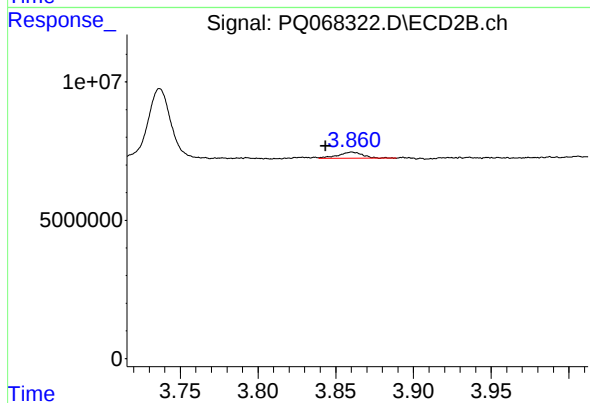
#3 AR-1016-1

R.T.: 3.861 min
Delta R.T.: 0.033 min
Response: 2384619
Conc: 10.90 ng/ml



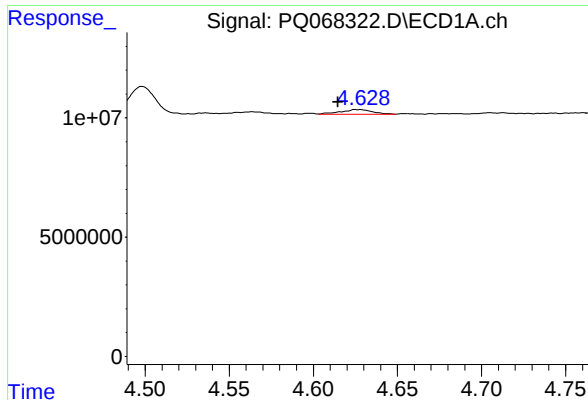
#4 AR-1016-2

R.T.: 4.564 min
Delta R.T.: 0.007 min
Response: 1735371
Conc: 4.93 ng/ml



#4 AR-1016-2

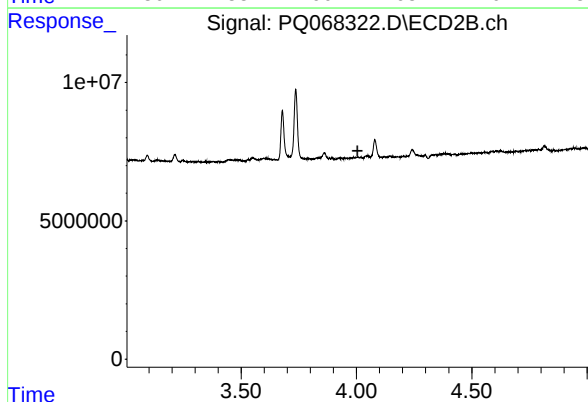
R.T.: 3.861 min
Delta R.T.: 0.017 min
Response: 2384619
Conc: 7.28 ng/ml



#5 AR-1016-3

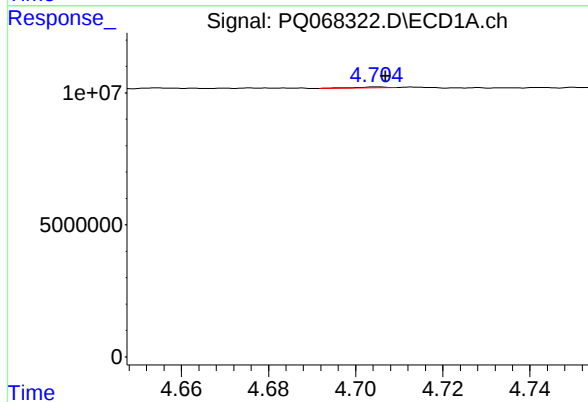
R.T.: 4.627 min
Delta R.T.: 0.012 min
Response: 2651379
Conc: 12.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



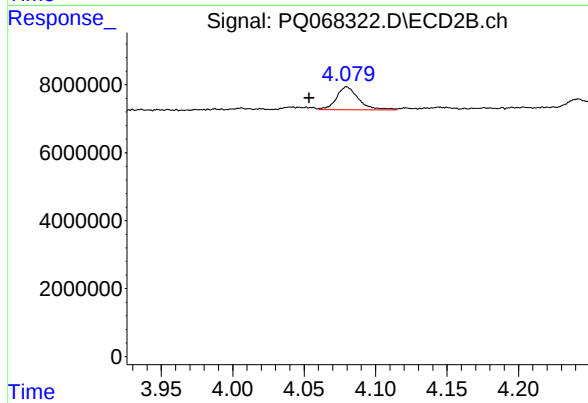
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 4.005 min
Response: 0
Conc: N.D.



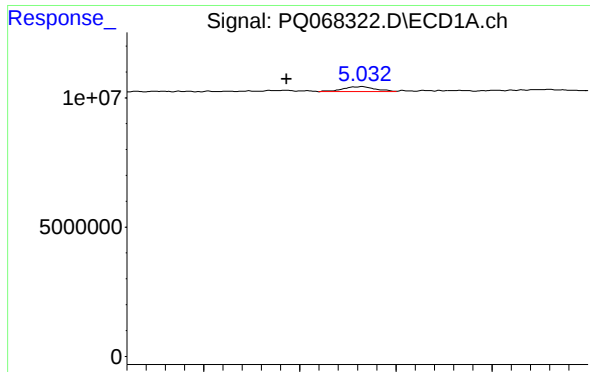
#6 AR-1016-4

R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 131980
Conc: 0.73 ng/ml



#6 AR-1016-4

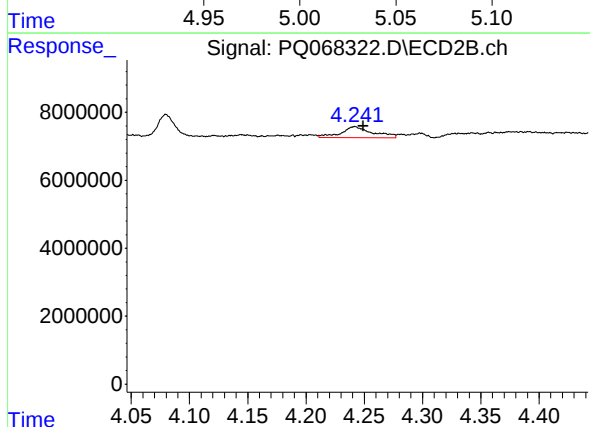
R.T.: 4.080 min
Delta R.T.: 0.026 min
Response: 7287977
Conc: 49.99 ng/ml



#7 AR-1016-5

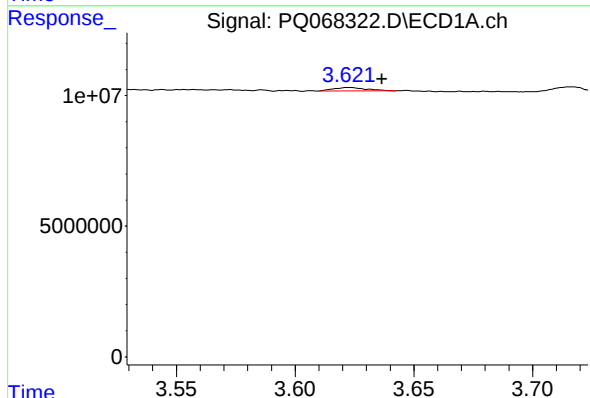
R.T.: 5.032 min
Delta R.T.: 0.039 min
Response: 2176244
Conc: 12.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



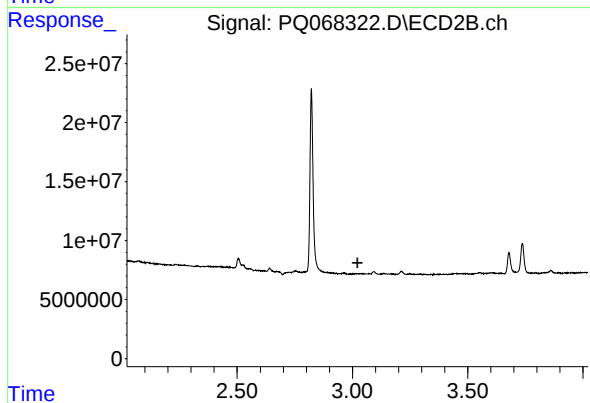
#7 AR-1016-5

R.T.: 4.242 min
Delta R.T.: -0.007 min
Response: 6133497
Conc: 33.30 ng/ml



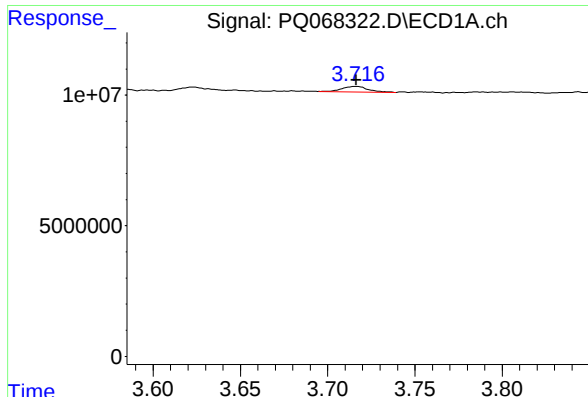
#8 AR-1221-1

R.T.: 3.623 min
Delta R.T.: -0.014 min
Response: 1260357
Conc: 13.73 ng/ml



#8 AR-1221-1

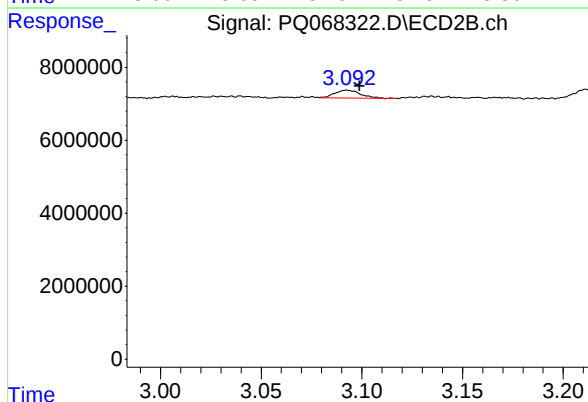
R.T.: 0.000 min
Exp R.T.: 3.022 min
Response: 0
Conc: N.D.



#9 AR-1221-2

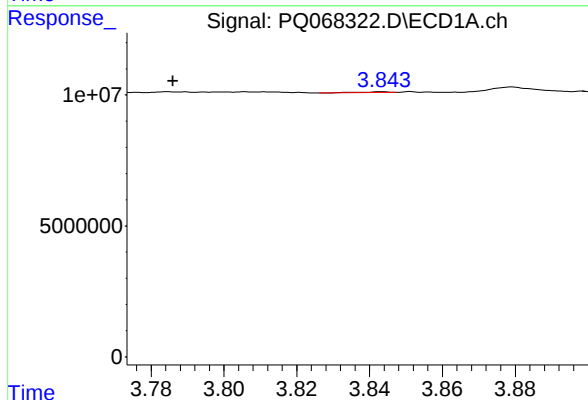
R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 2198507
Conc: 34.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



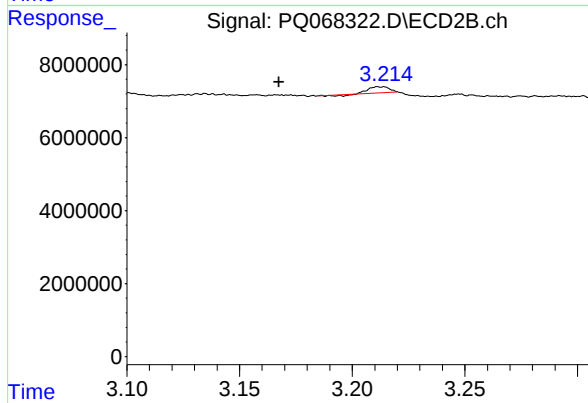
#9 AR-1221-2

R.T.: 3.093 min
Delta R.T.: -0.006 min
Response: 1941835
Conc: 32.58 ng/ml



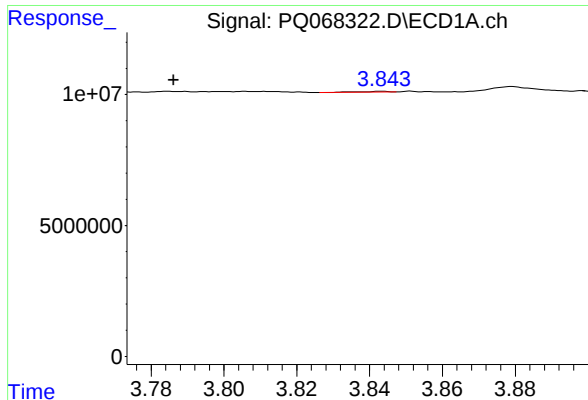
#10 AR-1221-3

R.T.: 3.843 min
Delta R.T.: 0.057 min
Response: 176008
Conc: 0.85 ng/ml



#10 AR-1221-3

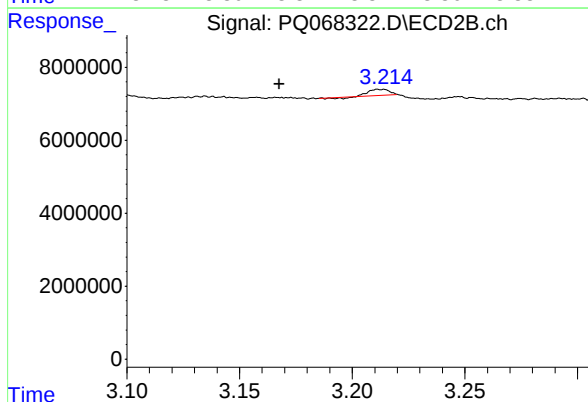
R.T.: 3.213 min
Delta R.T.: 0.045 min
Response: 1017451
Conc: 5.27 ng/ml



#11 AR-1232-1

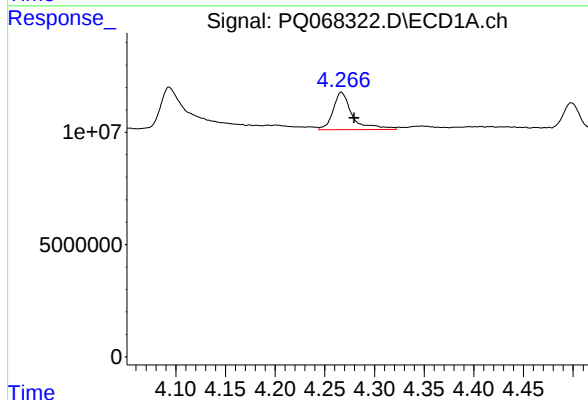
R.T.: 3.843 min
Delta R.T.: 0.057 min
Response: 176008
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



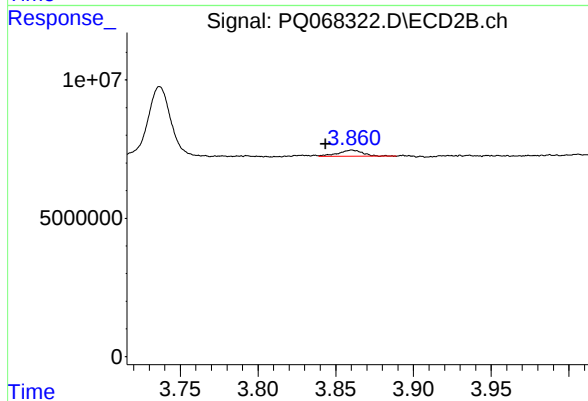
#11 AR-1232-1

R.T.: 3.213 min
Delta R.T.: 0.045 min
Response: 1017451
Conc: 6.69 ng/ml



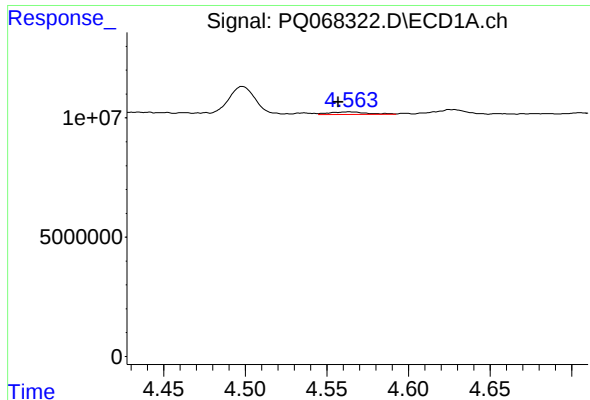
#12 AR-1232-2

R.T.: 4.267 min
Delta R.T.: -0.013 min
Response: 22465534
Conc: 247.34 ng/ml



#12 AR-1232-2

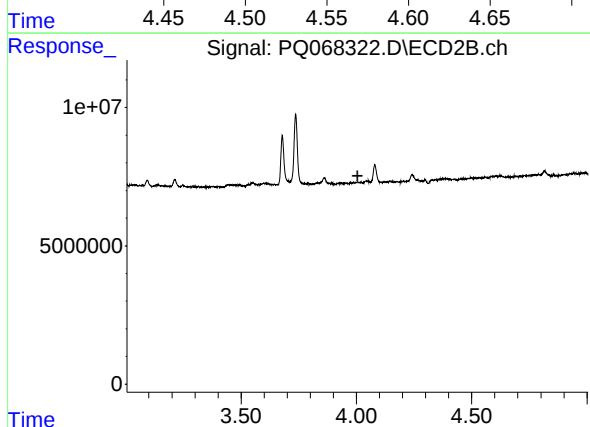
R.T.: 3.861 min
Delta R.T.: 0.017 min
Response: 2384619
Conc: 15.38 ng/ml



#13 AR-1232-3

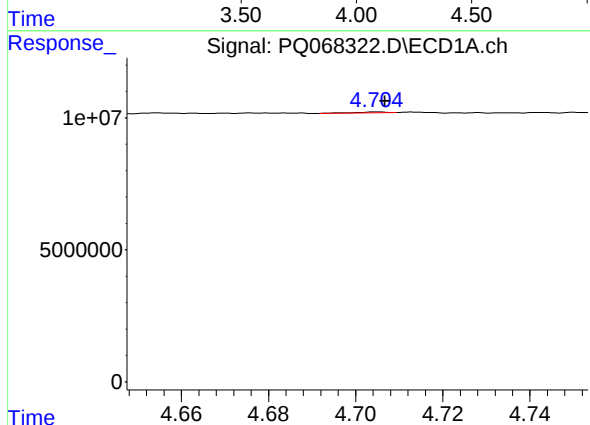
R.T.: 4.564 min
Delta R.T.: 0.007 min
Response: 1735371
Conc: 10.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



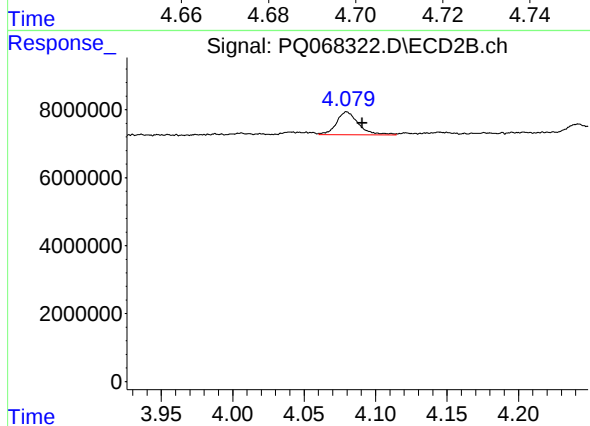
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.005 min
Response: 0
Conc: N.D.



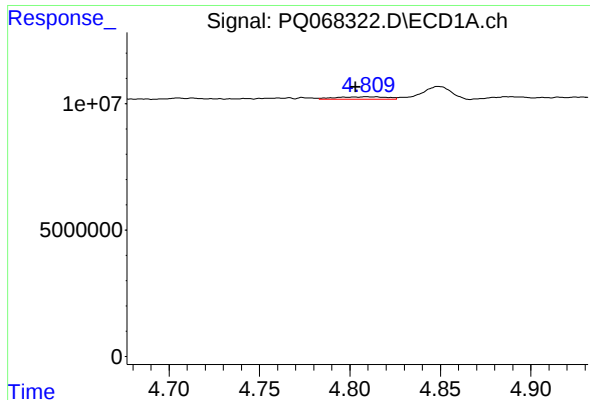
#14 AR-1232-4

R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 131980
Conc: 1.53 ng/ml



#14 AR-1232-4

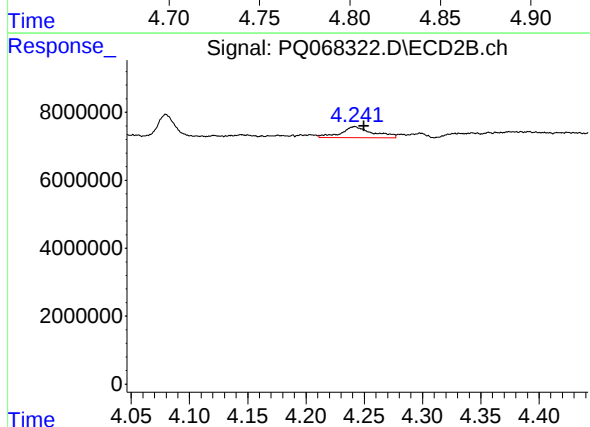
R.T.: 4.080 min
Delta R.T.: -0.011 min
Response: 7287977
Conc: 104.34 ng/ml



#15 AR-1232-5

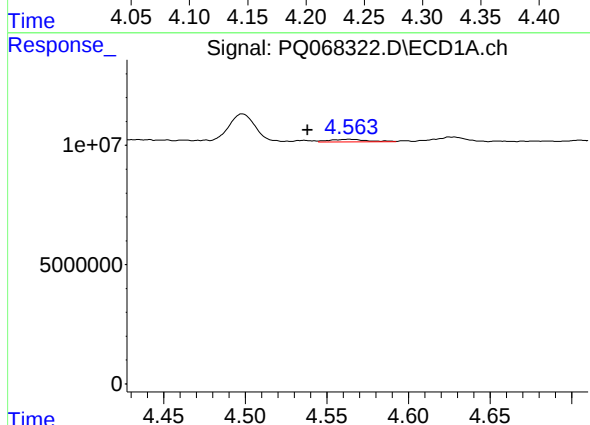
R.T.: 4.809 min
Delta R.T.: 0.006 min
Response: 2004140
Conc: 35.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



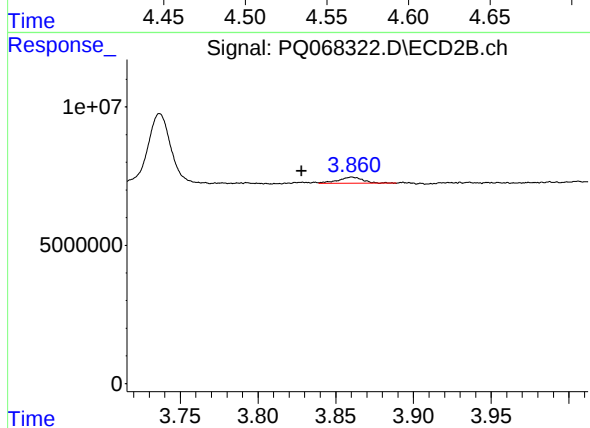
#15 AR-1232-5

R.T.: 4.242 min
Delta R.T.: -0.008 min
Response: 6133497
Conc: 78.03 ng/ml



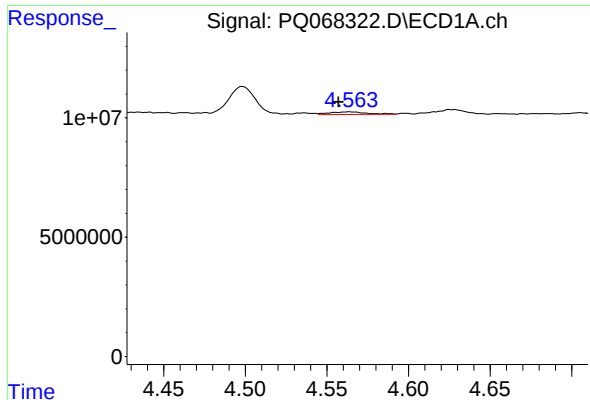
#16 AR-1242-1

R.T.: 4.564 min
Delta R.T.: 0.026 min
Response: 1735371
Conc: 8.49 ng/ml



#16 AR-1242-1

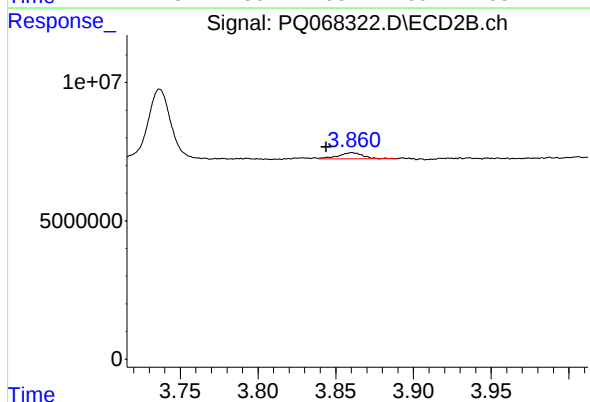
R.T.: 3.861 min
Delta R.T.: 0.032 min
Response: 2384619
Conc: 12.33 ng/ml



#17 AR-1242-2

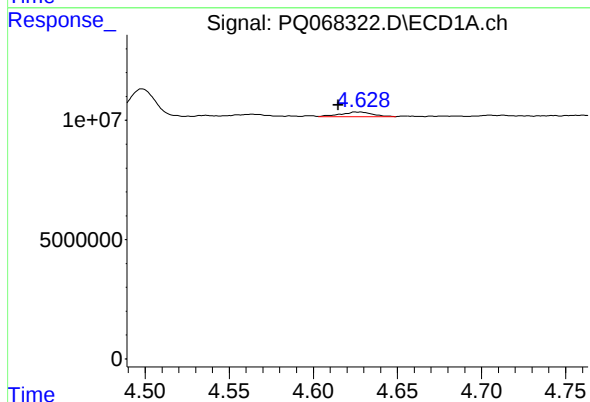
R.T.: 4.564 min
Delta R.T.: 0.007 min
Response: 1735371
Conc: 5.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



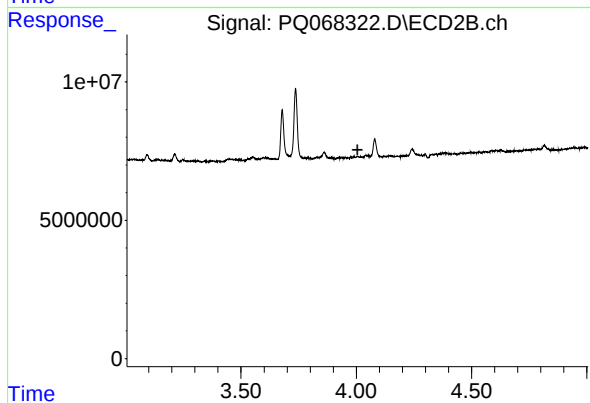
#17 AR-1242-2

R.T.: 3.861 min
Delta R.T.: 0.016 min
Response: 2384619
Conc: 8.21 ng/ml



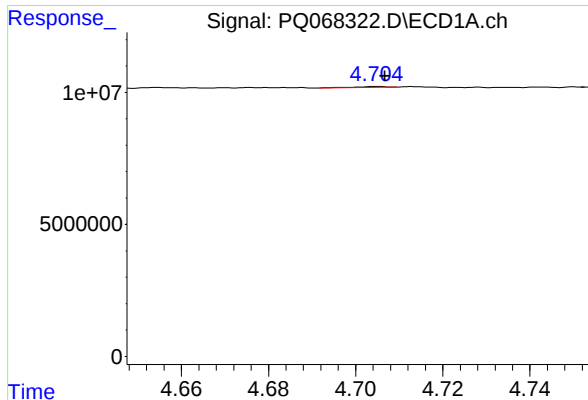
#18 AR-1242-3

R.T.: 4.627 min
Delta R.T.: 0.012 min
Response: 2651379
Conc: 13.55 ng/ml



#18 AR-1242-3

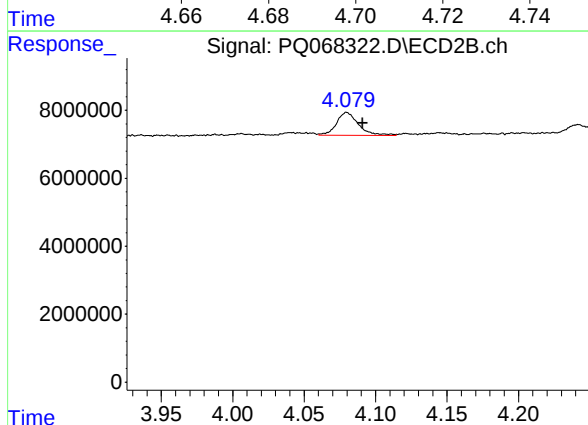
R.T.: 0.000 min
Exp R.T.: 4.005 min
Response: 0
Conc: N.D.



#19 AR-1242-4

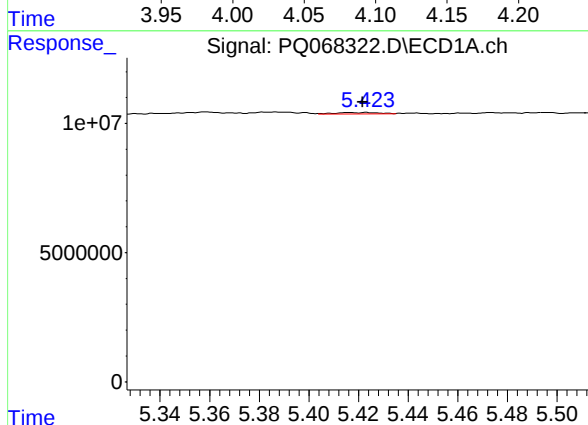
R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 131980
Conc: 0.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



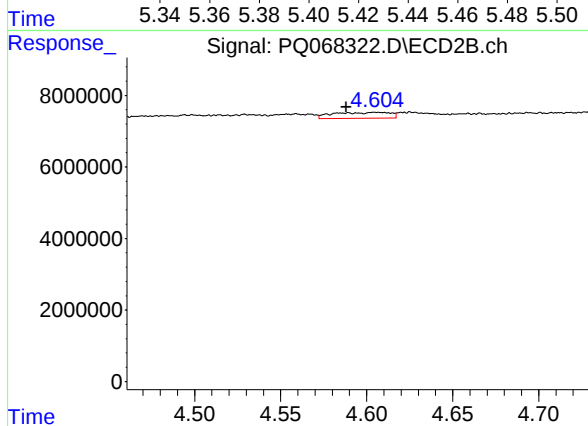
#19 AR-1242-4

R.T.: 4.080 min
Delta R.T.: -0.011 min
Response: 7287977
Conc: 49.81 ng/ml



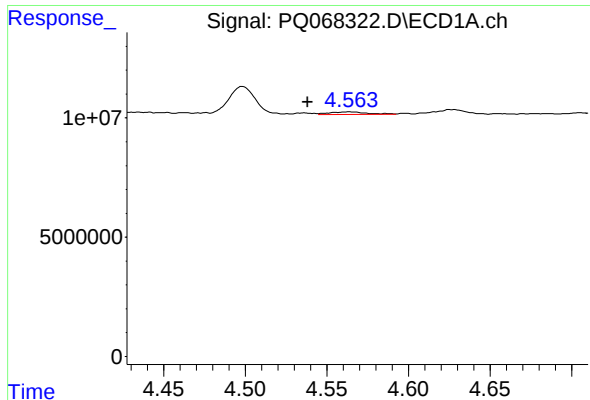
#20 AR-1242-5

R.T.: 5.423 min
Delta R.T.: 0.002 min
Response: 575778
Conc: 3.41 ng/ml



#20 AR-1242-5

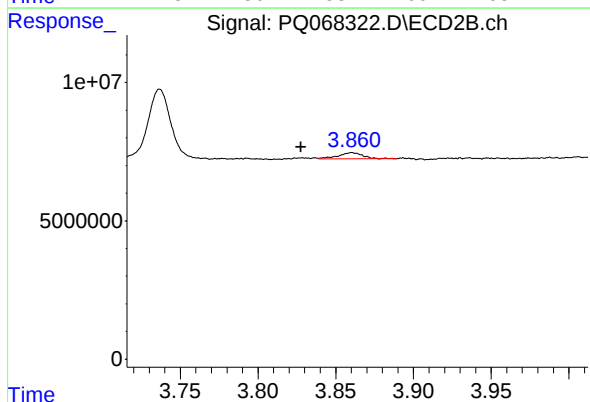
R.T.: 4.605 min
Delta R.T.: 0.017 min
Response: 3893932
Conc: 20.14 ng/ml



#21 AR-1248-1

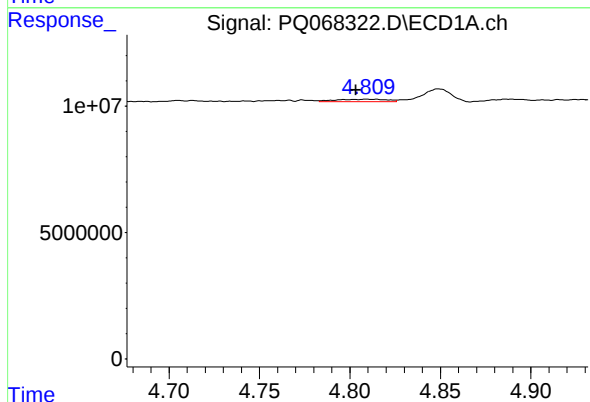
R.T.: 4.564 min
Delta R.T.: 0.026 min
Response: 1735371
Conc: 11.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



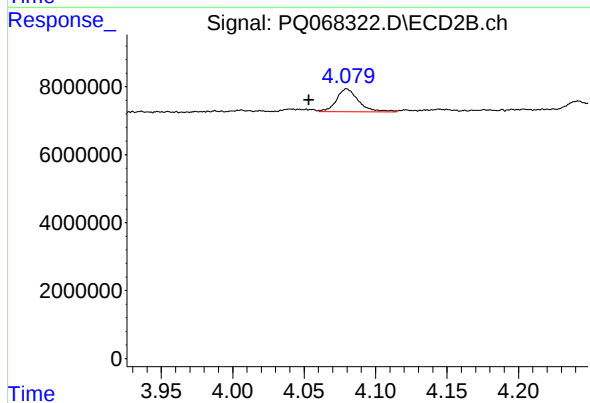
#21 AR-1248-1

R.T.: 3.861 min
Delta R.T.: 0.033 min
Response: 2384619
Conc: 16.72 ng/ml



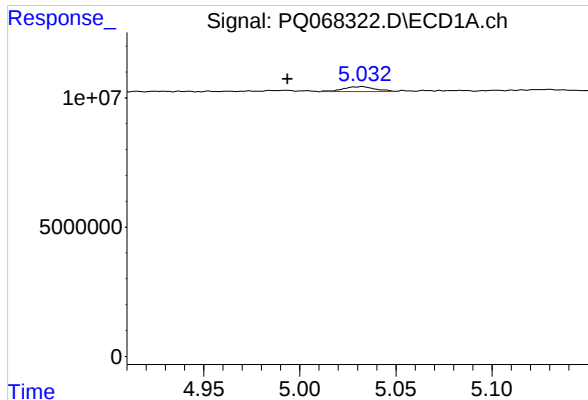
#22 AR-1248-2

R.T.: 4.809 min
Delta R.T.: 0.006 min
Response: 2004140
Conc: 9.54 ng/ml



#22 AR-1248-2

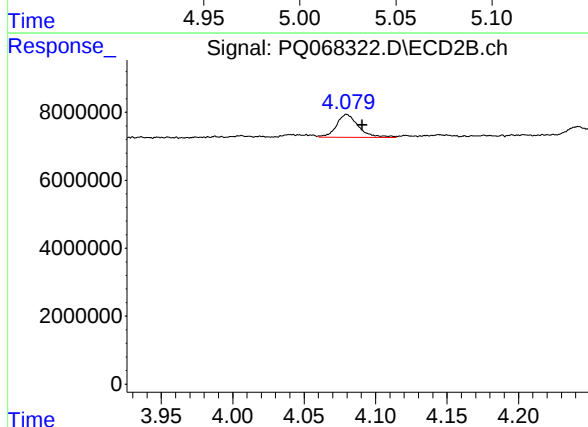
R.T.: 4.080 min
Delta R.T.: 0.027 min
Response: 7287977
Conc: 32.95 ng/ml



#23 AR-1248-3

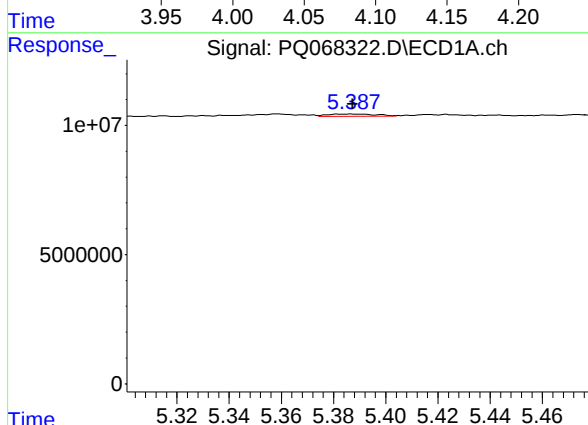
R.T.: 5.032 min
Delta R.T.: 0.038 min
Response: 2176244
Conc: 8.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



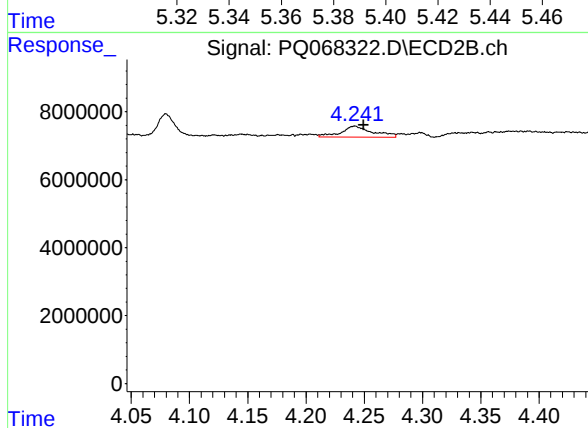
#23 AR-1248-3

R.T.: 4.080 min
Delta R.T.: -0.011 min
Response: 7287977
Conc: 33.94 ng/ml



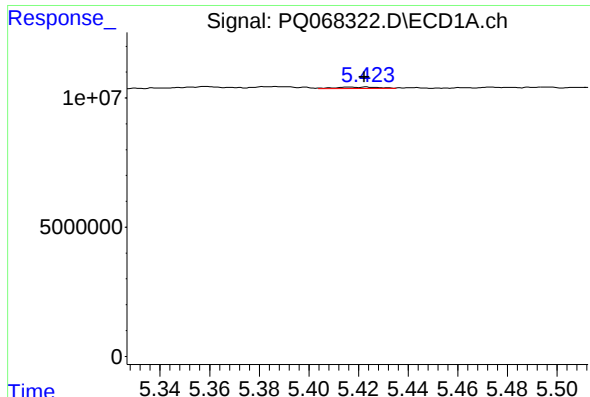
#24 AR-1248-4

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 1053371
Conc: 3.75 ng/ml



#24 AR-1248-4

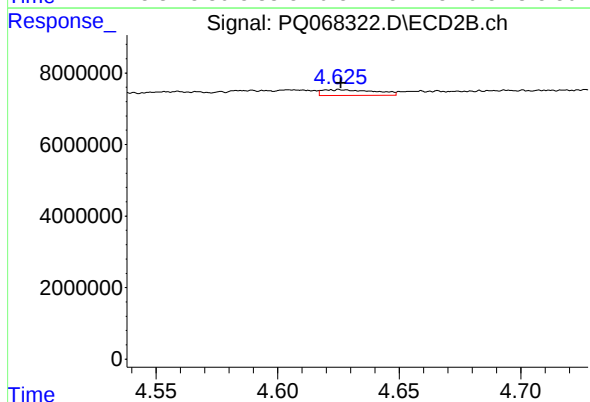
R.T.: 4.242 min
Delta R.T.: -0.008 min
Response: 6133497
Conc: 23.22 ng/ml



#25 AR-1248-5

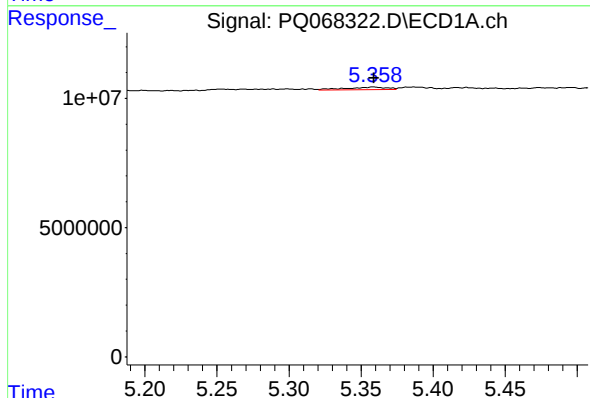
R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 575778
Conc: 2.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



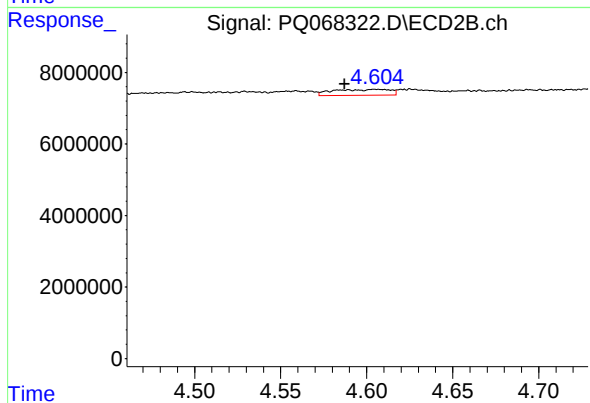
#25 AR-1248-5

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 2485683
Conc: 9.40 ng/ml



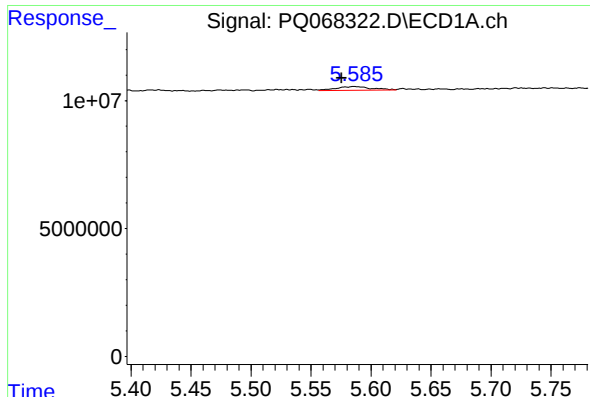
#26 AR-1254-1

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 1819961
Conc: 6.58 ng/ml



#26 AR-1254-1

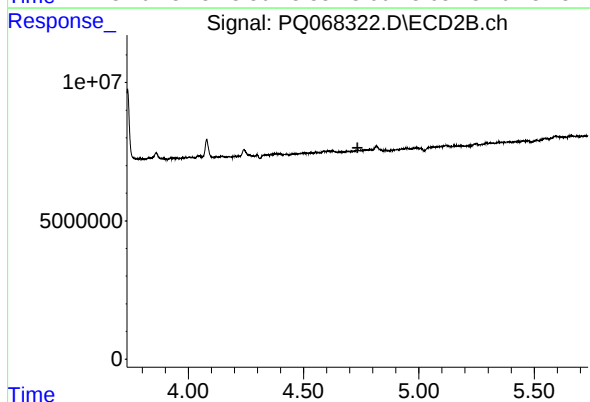
R.T.: 4.605 min
Delta R.T.: 0.018 min
Response: 3893932
Conc: 9.91 ng/ml



#27 AR-1254-2

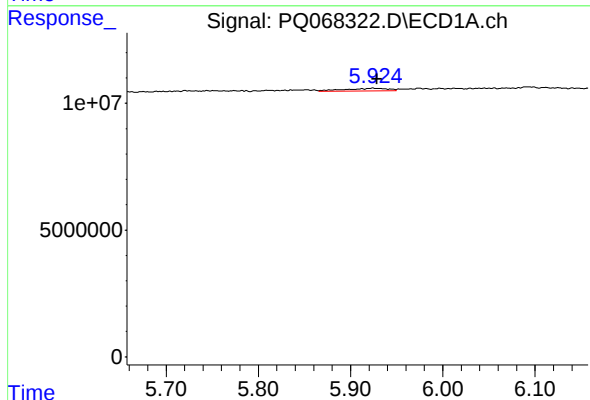
R.T.: 5.586 min
Delta R.T.: 0.010 min
Response: 3059855
Conc: 7.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



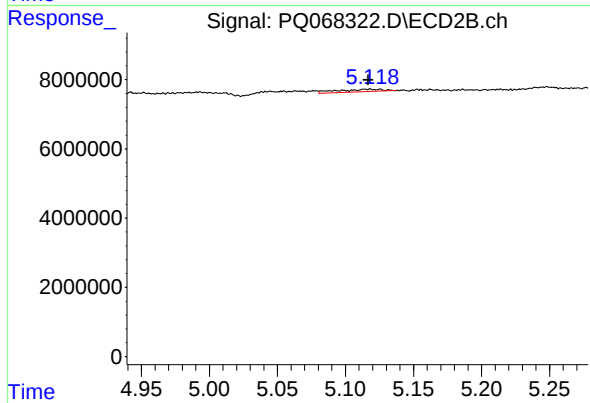
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 4.734 min
Response: 0
Conc: N.D.



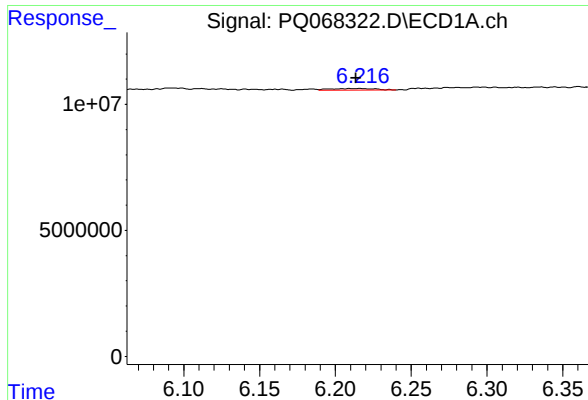
#28 AR-1254-3

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 3344147
Conc: 7.45 ng/ml



#28 AR-1254-3

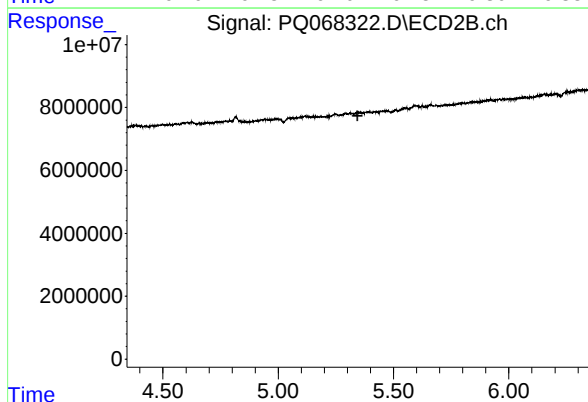
R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 1762641
Conc: 3.26 ng/ml



#29 AR-1254-4

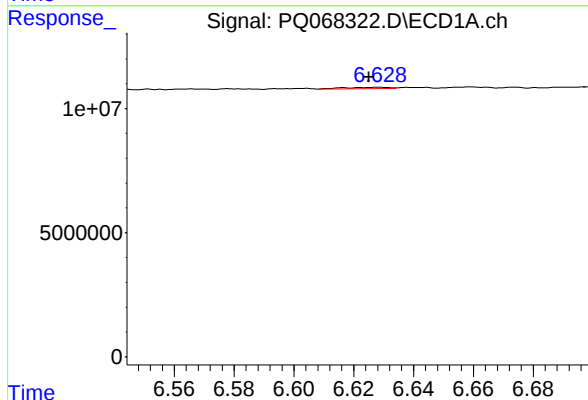
R.T.: 6.217 min
Delta R.T.: 0.003 min
Response: 1387431
Conc: 4.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



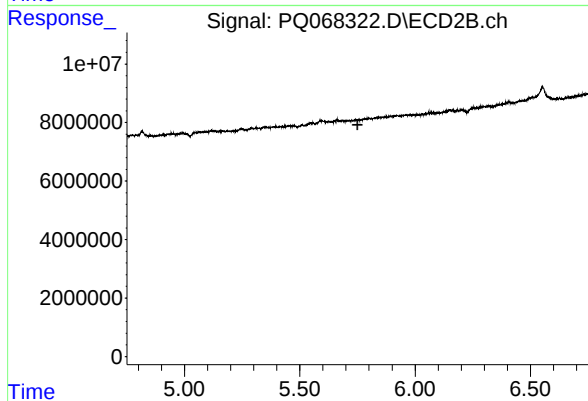
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 5.344 min
Response: 0
Conc: N.D.



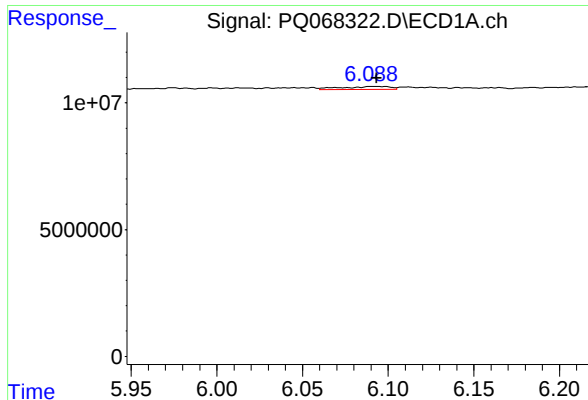
#30 AR-1254-5

R.T.: 6.628 min
Delta R.T.: 0.003 min
Response: 605401
Conc: 1.75 ng/ml



#30 AR-1254-5

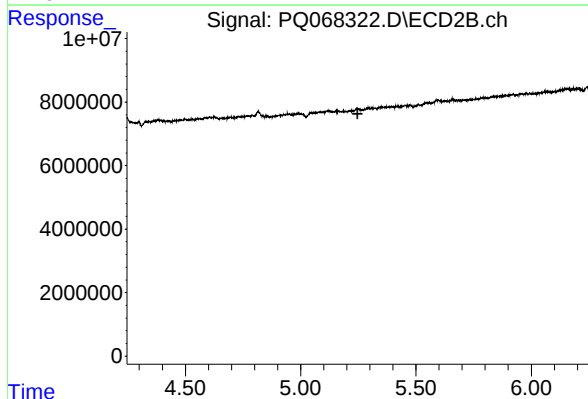
R.T.: 0.000 min
Exp R.T. : 5.750 min
Response: 0
Conc: N.D.



#31 AR-1260-1

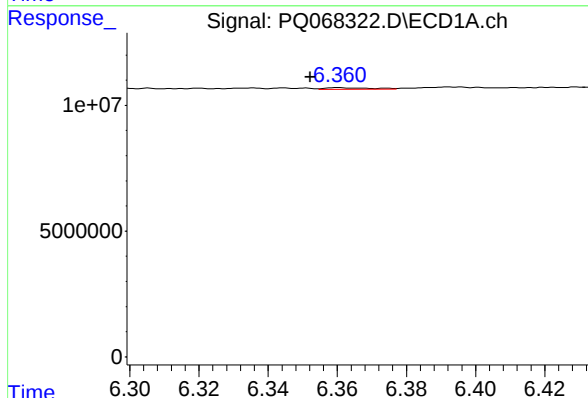
R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 2267916
Conc: 6.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



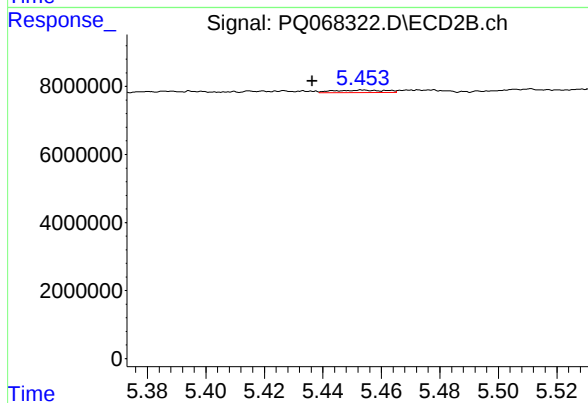
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 5.247 min
Response: 0
Conc: N.D.



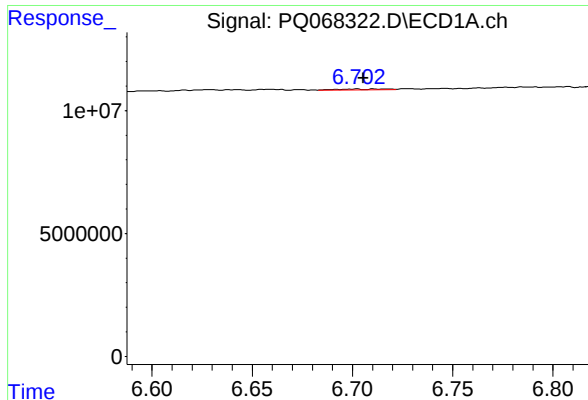
#32 AR-1260-2

R.T.: 6.360 min
Delta R.T.: 0.008 min
Response: 596263
Conc: 1.58 ng/ml



#32 AR-1260-2

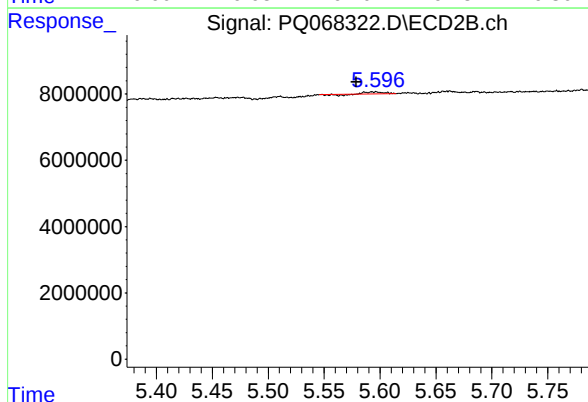
R.T.: 5.454 min
Delta R.T.: 0.017 min
Response: 926380
Conc: 2.11 ng/ml



#33 AR-1260-3

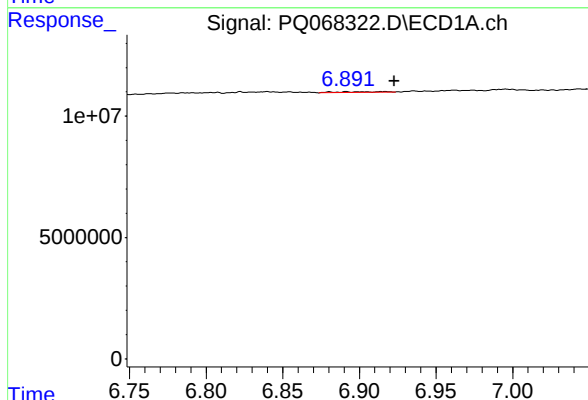
R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 476332
Conc: 1.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



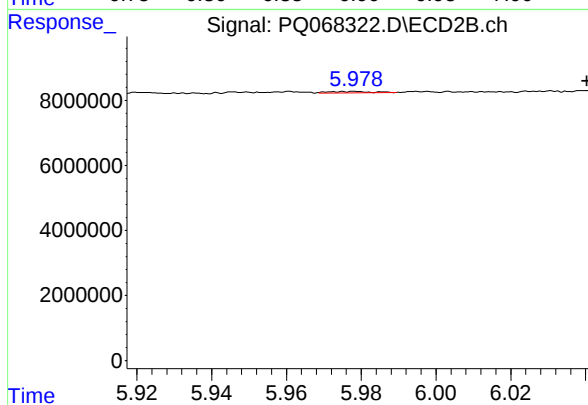
#33 AR-1260-3

R.T.: 5.596 min
Delta R.T.: 0.018 min
Response: 497386
Conc: 1.15 ng/ml



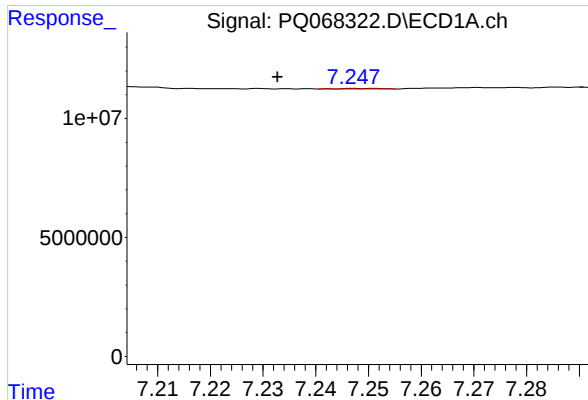
#34 AR-1260-4

R.T.: 6.917 min
Delta R.T.: -0.006 min
Response: 605554
Conc: 1.98 ng/ml



#34 AR-1260-4

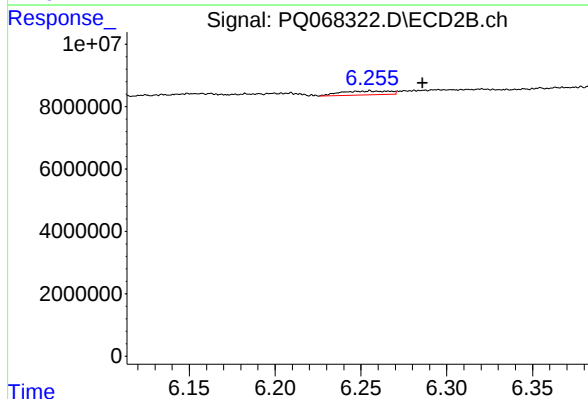
R.T.: 5.978 min
Delta R.T.: -0.062 min
Response: 329135
Conc: 0.97 ng/ml



#35 AR-1260-5

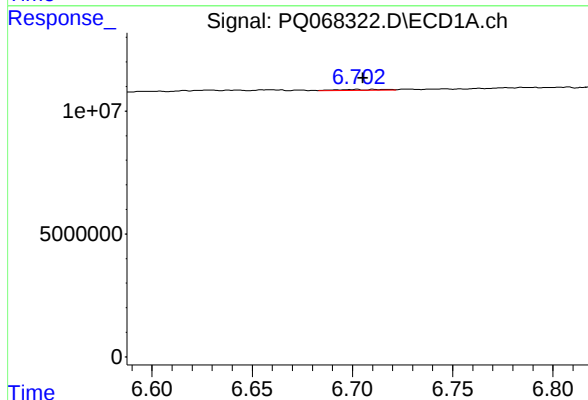
R.T.: 7.250 min
Delta R.T.: 0.017 min
Response: 143661
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



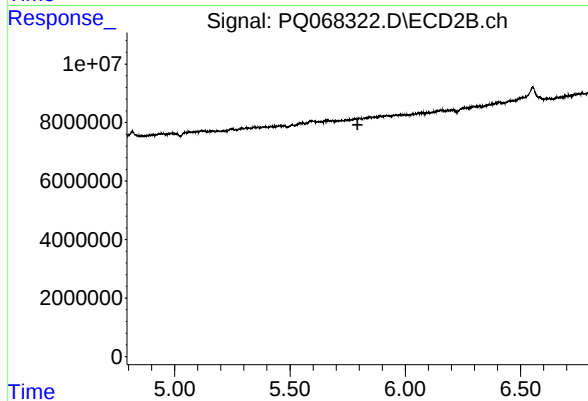
#35 AR-1260-5

R.T.: 6.255 min
Delta R.T.: -0.031 min
Response: 2401985
Conc: 3.03 ng/ml



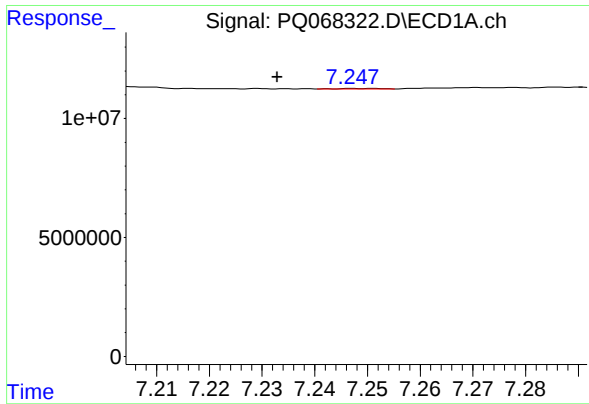
#36 AR-1262-1

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 476332
Conc: 1.13 ng/ml



#36 AR-1262-1

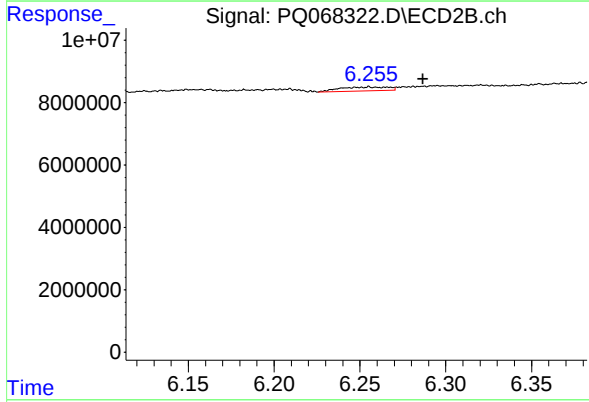
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.



#37 AR-1262-2

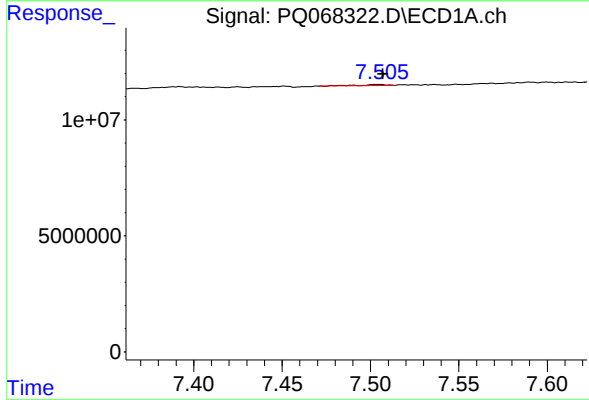
R.T.: 7.250 min
Delta R.T.: 0.017 min
Response: 143661
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



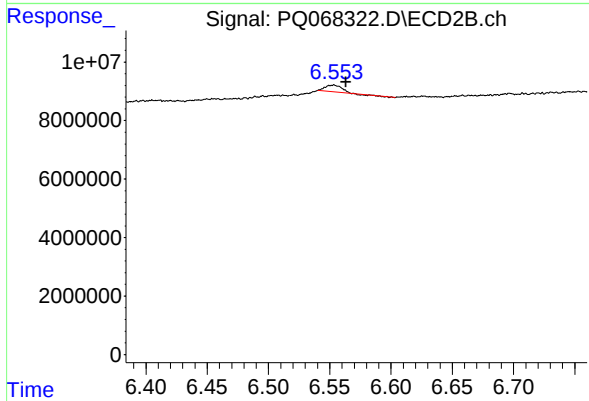
#37 AR-1262-2

R.T.: 6.255 min
Delta R.T.: -0.031 min
Response: 2401985
Conc: 2.67 ng/ml



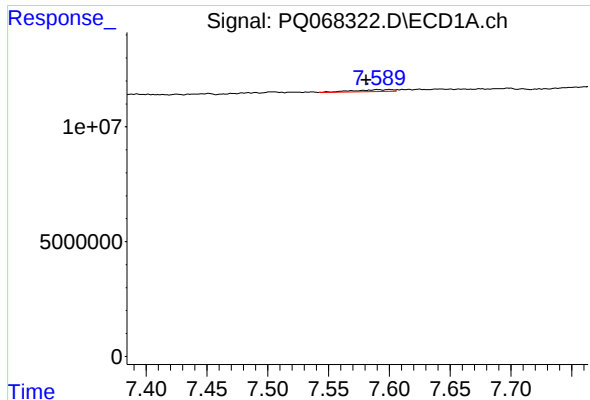
#38 AR-1262-3

R.T.: 7.505 min
Delta R.T.: -0.002 min
Response: 495926
Conc: 1.12 ng/ml



#38 AR-1262-3

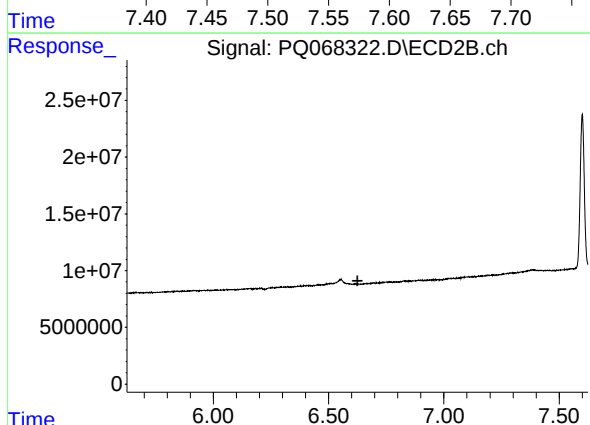
R.T.: 6.553 min
Delta R.T.: -0.010 min
Response: 2068798
Conc: 6.02 ng/ml



#39 AR-1262-4

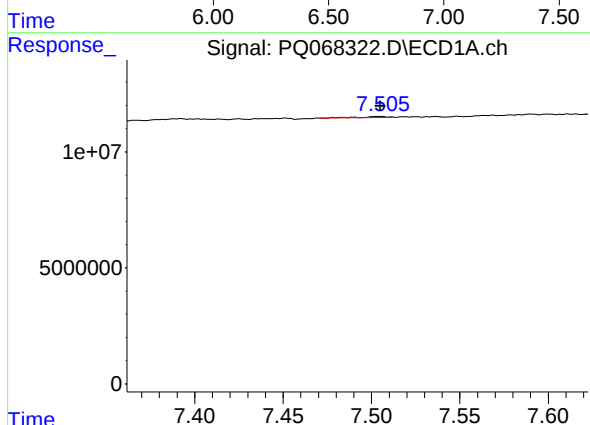
R.T.: 7.590 min
Delta R.T.: 0.009 min
Response: 1877774
Conc: 5.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



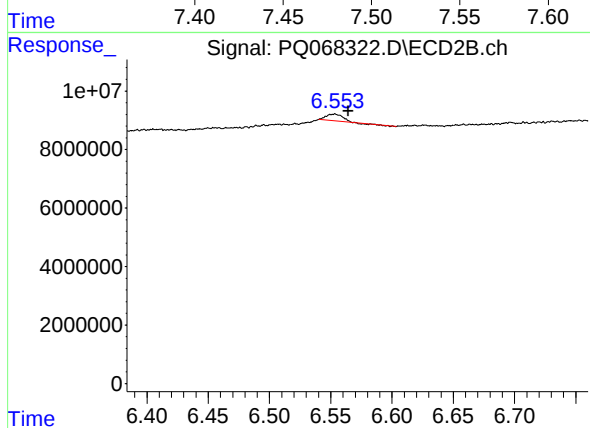
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.625 min
Response: 0
Conc: N.D.



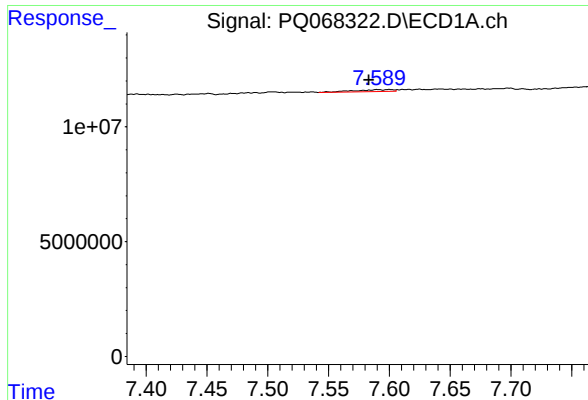
#41 AR-1268-1

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 495926
Conc: 0.65 ng/ml



#41 AR-1268-1

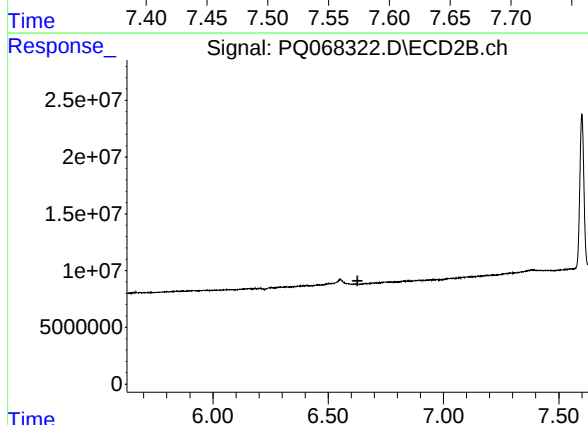
R.T.: 6.553 min
Delta R.T.: -0.011 min
Response: 2068798
Conc: 2.08 ng/ml



#42 AR-1268-2

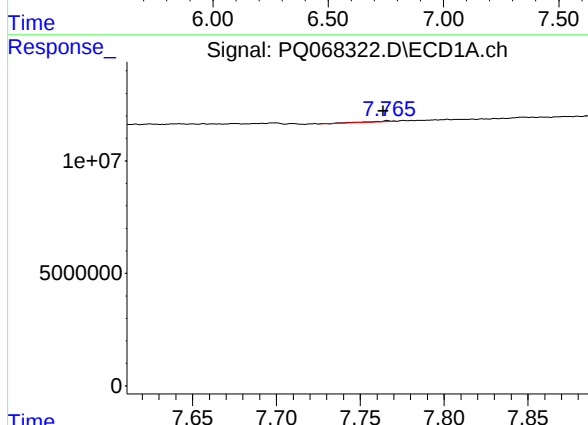
R.T.: 7.590 min
Delta R.T.: 0.007 min
Response: 1877774
Conc: 2.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



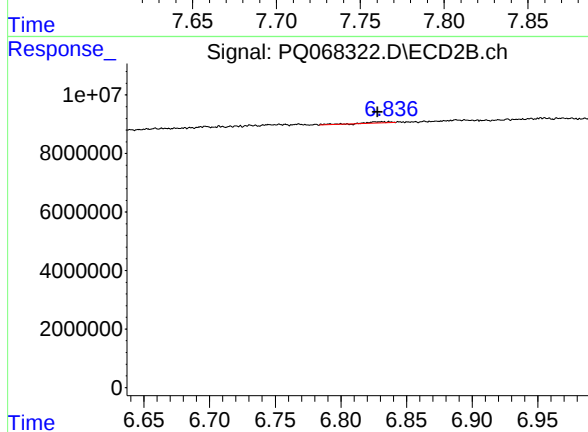
#42 AR-1268-2

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



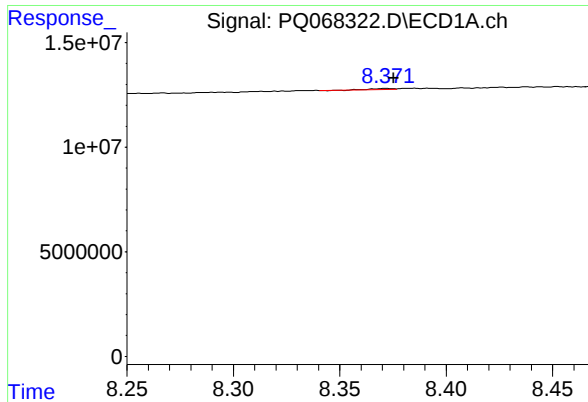
#43 AR-1268-3

R.T.: 7.766 min
Delta R.T.: 0.003 min
Response: 423128
Conc: 0.73 ng/ml



#43 AR-1268-3

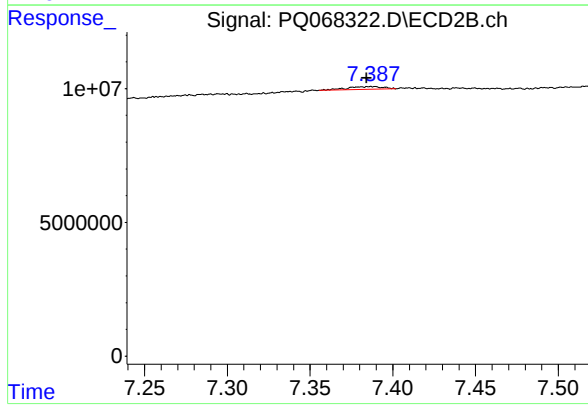
R.T.: 6.837 min
Delta R.T.: 0.009 min
Response: 621054
Conc: 0.76 ng/ml



#45 AR-1268-5

R.T.: 8.372 min
Delta R.T.: -0.003 min
Response: 368684
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K93



#45 AR-1268-5

R.T.: 7.388 min
Delta R.T.: 0.003 min
Response: 1644233
Conc: 0.68 ng/ml