

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050422\
 Data File : PQ057397.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 20:21
 Operator : YP\AJ
 Sample : AIBLK48
 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: May 05 02:40:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 26 08:09:43 2022
 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...	4.522	3.740	643.5E6	246.4E6	30.643	20.702 #
2)	SA Decachlor...	10.286	8.664	1147.2E6	445.2E6	55.814	43.195
Target Compounds							
3)	L1 AR-1016-1	5.700	4.808	5103430	2692551	10.464	7.594 #
4)	L1 AR-1016-2	5.722	4.827	707107	388304	0.747	0.624
5)	L1 AR-1016-3	5.784	4.992	2426475	3211422	3.848	11.276 #
6)	L1 AR-1016-4	5.892	5.046	2259277	1077582	4.553	4.653
7)	L1 AR-1016-5	6.181	5.257	15186513	29647205	35.011	100.040 #
8)	L2 AR-1221-1	4.739	3.960	1503099	263139	6.662	2.060 #
9)	L2 AR-1221-2	4.834	4.036	17181821	3332040	108.655	36.940 #
10)	L2 AR-1221-3	4.882	4.100	2763582	491534	5.049	1.566 #
11)	L3 AR-1232-1	4.882	4.100	2763582	491534	5.226	1.618 #
12)	L3 AR-1232-2	5.429	4.827	1726923	388304	5.953	1.235 #
13)	L3 AR-1232-3	5.722	4.992	707107	3211422	1.325	23.218 #
14)	L3 AR-1232-4	5.892	5.081	2259277	335835	7.933	2.617 #
15)	L3 AR-1232-5	5.980	5.257	671420	29647205	3.373	198.651 #
16)	L4 AR-1242-1	5.700	4.808	5103430	2692551	12.643	9.081 #
17)	L4 AR-1242-2	5.722	4.827	707107	388304	0.873	0.731
18)	L4 AR-1242-3	5.784	4.992	2426475	3211422	4.580	13.367 #
19)	L4 AR-1242-4	5.892	5.081	2259277	335835	5.370	1.406 #
20)	L4 AR-1242-5	6.617	5.625	182.4E6	50018279	435.437	158.234 #
21)	L5 AR-1248-1	5.700	4.808	5103430	2692551	15.895	11.296 #
22)	L5 AR-1248-2	5.980	5.046	671420	1077582	1.280	3.011 #
23)	L5 AR-1248-3	6.181	5.081	15186513	335835	23.943	0.887 #
24)	L5 AR-1248-4	6.568	5.257	99534529	29647205	145.127	65.020 #
25)	L5 AR-1248-5	6.617	5.638	182.4E6	20188566	247.690	42.202 #
26)	L6 AR-1254-1	6.546	5.560	211.9E6	42644419	328.238	58.981 #
27)	L6 AR-1254-2	6.769	5.742	37384553	34668228	37.099	56.611 #
28)	L6 AR-1254-3	7.130	6.153	49737023	4185964	41.415	4.097 #
29)	L6 AR-1254-4	7.403	6.362	98207469	6722165	118.886	8.897 #
30)	L6 AR-1254-5	7.831	6.767	34169827	3789198	38.179	4.192 #
31)	L7 AR-1260-1	7.294	6.258	75898408	11737049	110.971	21.427 #
32)	L7 AR-1260-2	7.538	6.432	27001924	17682677	33.338	26.224
33)	L7 AR-1260-3	7.831	6.572	34169827	10768900	35.097	16.940 #
34)	L7 AR-1260-4	8.145	7.009f	32832126	3325575	42.167	6.284 #
35)	L7 AR-1260-5	8.454	7.298	22671227	15277723	14.073	11.609
36)	L8 AR-1262-1	7.900	6.767	63359699	3789198	62.314	8.235 #
37)	L8 AR-1262-2	8.454	7.298	22671227	15277723	10.988	8.812
38)	L8 AR-1262-3	8.783	7.530f	1240326	1110417	1.347	1.615
39)	L8 AR-1262-4	8.876	7.641	7825316	10677990	9.496	8.442
40)	L8 AR-1262-5	9.541	8.187f	1157125	5733328	1.362	10.398 #
41)	L9 AR-1268-1	8.769	7.530f	845612	1110417	0.339	0.562 #

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 Acq On : 04 May 2022 20:21
 Operator : YP\AJ
 Sample : AIBLK48
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

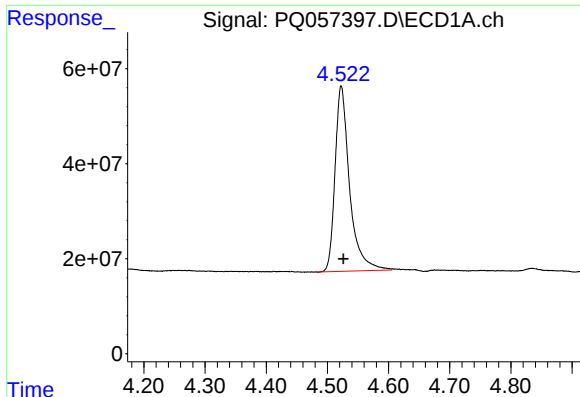
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 02:40:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
 Quant Title : GC EXTRACTABLES
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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	8.876	7.641	7825316	10677990	2.915	5.933 #
43) L9	AR-1268-3	9.094	7.844	4230578	3618345	1.847	2.569 #
44) L9	AR-1268-4	9.541	8.187f	1157125	5733328	1.215	9.527 #
45) L9	AR-1268-5	9.958	8.418	15935691	2814633	1.920	0.594 #

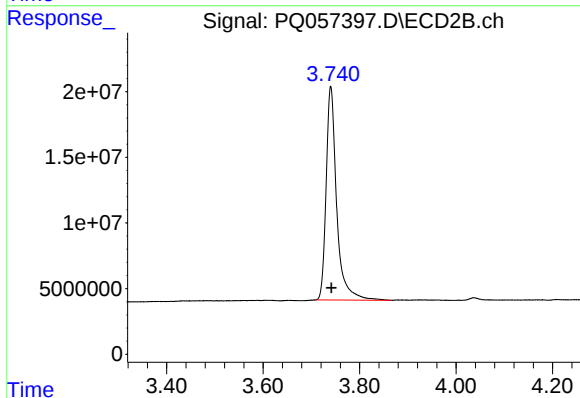
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

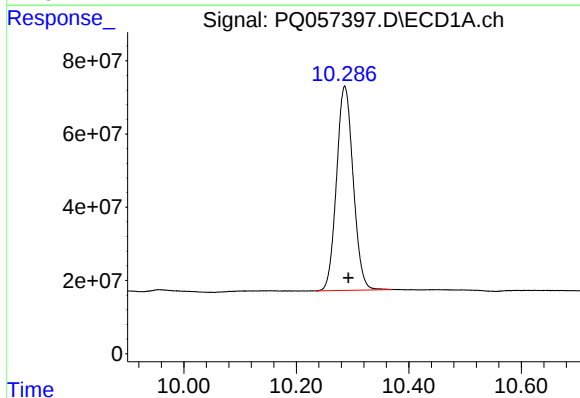
R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 643507474
Conc: 30.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



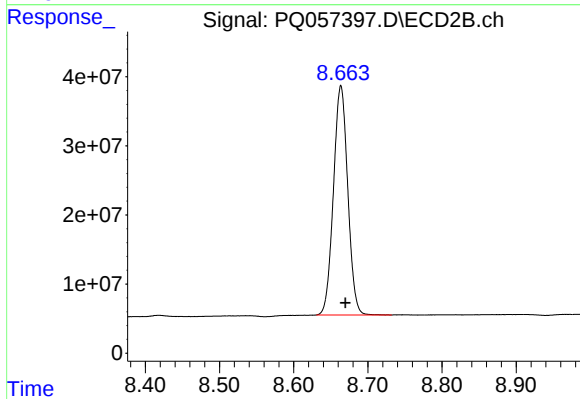
#1 Tetrachloro-m-xylene

R.T.: 3.740 min
Delta R.T.: -0.001 min
Response: 246365626
Conc: 20.70 ng/ml



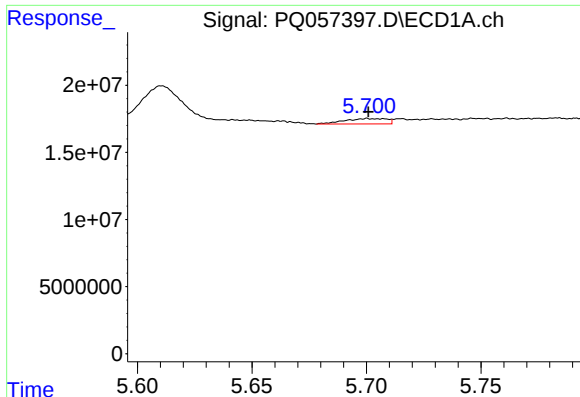
#2 Decachlorobiphenyl

R.T.: 10.286 min
Delta R.T.: -0.006 min
Response: 1147249256
Conc: 55.81 ng/ml



#2 Decachlorobiphenyl

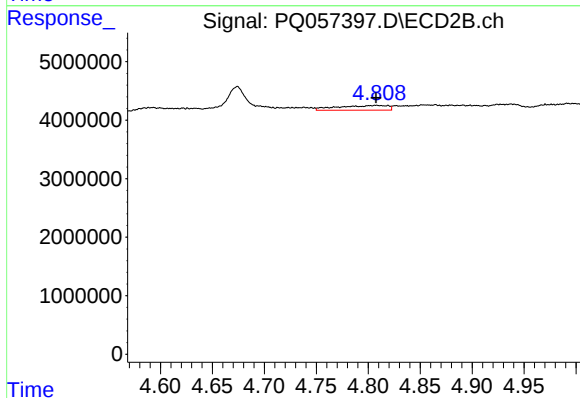
R.T.: 8.664 min
Delta R.T.: -0.006 min
Response: 445205225
Conc: 43.20 ng/ml



#3 AR-1016-1

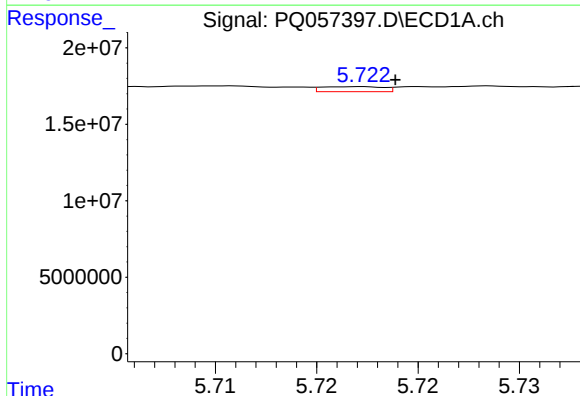
R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 5103430
Conc: 10.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



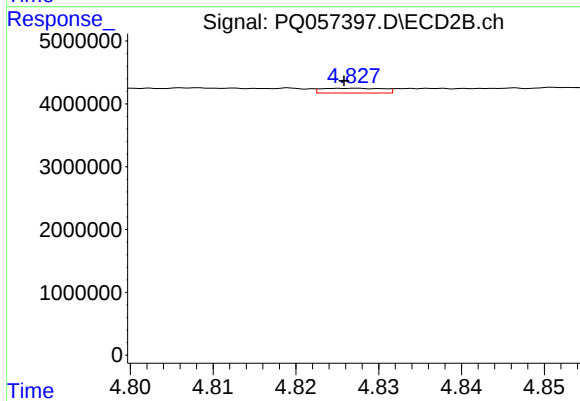
#3 AR-1016-1

R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 2692551
Conc: 7.59 ng/ml



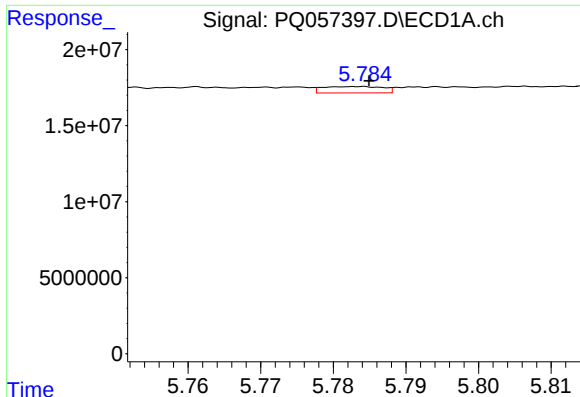
#4 AR-1016-2

R.T.: 5.722 min
Delta R.T.: -0.002 min
Response: 707107
Conc: 0.75 ng/ml



#4 AR-1016-2

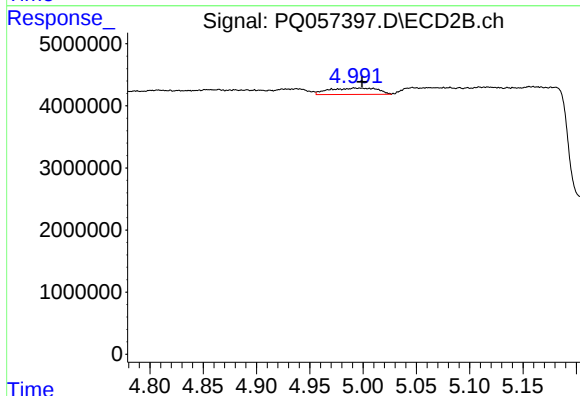
R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 388304
Conc: 0.62 ng/ml



#5 AR-1016-3

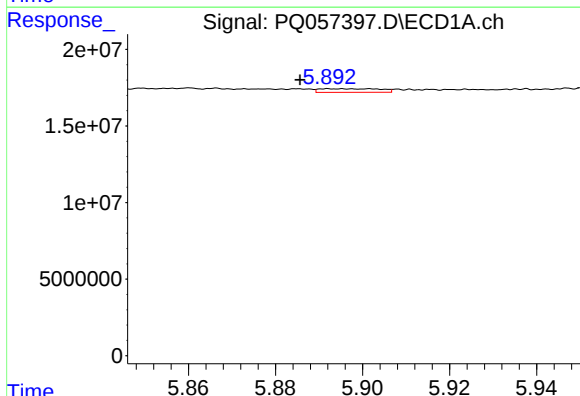
R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 2426475
Conc: 3.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



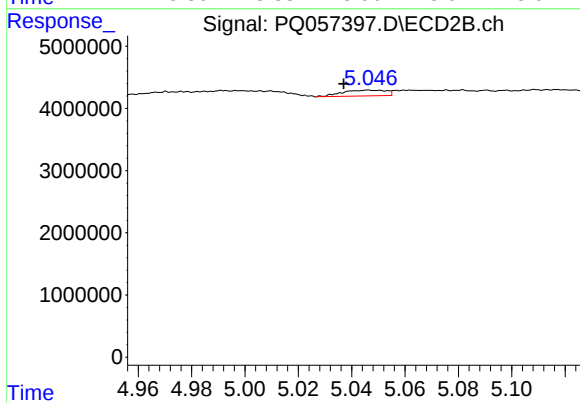
#5 AR-1016-3

R.T.: 4.992 min
Delta R.T.: -0.007 min
Response: 3211422
Conc: 11.28 ng/ml



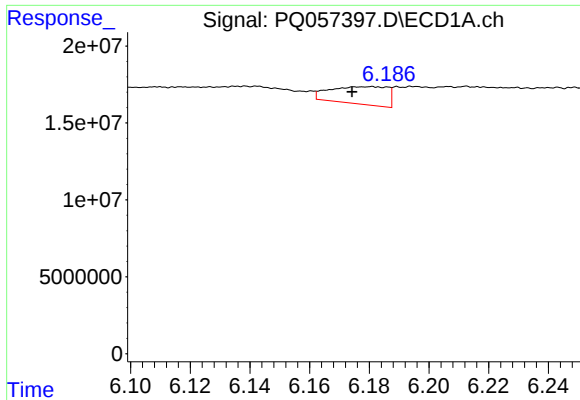
#6 AR-1016-4

R.T.: 5.892 min
Delta R.T.: 0.007 min
Response: 2259277
Conc: 4.55 ng/ml



#6 AR-1016-4

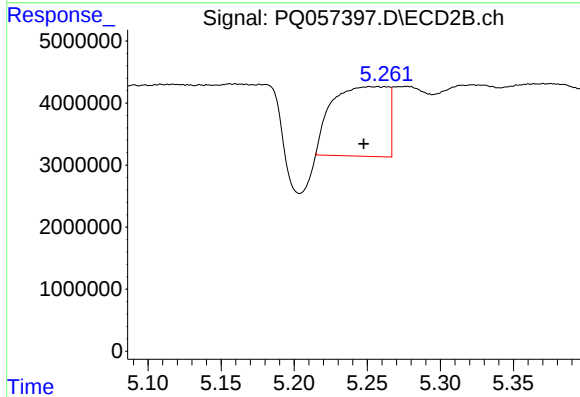
R.T.: 5.046 min
Delta R.T.: 0.009 min
Response: 1077582
Conc: 4.65 ng/ml



#7 AR-1016-5

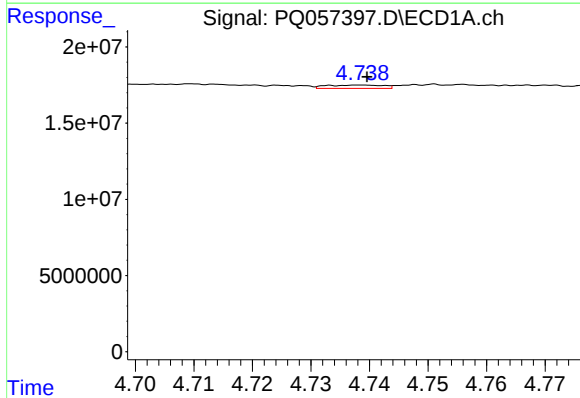
R.T.: 6.181 min
Delta R.T.: 0.007 min
Response: 15186513
Conc: 35.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



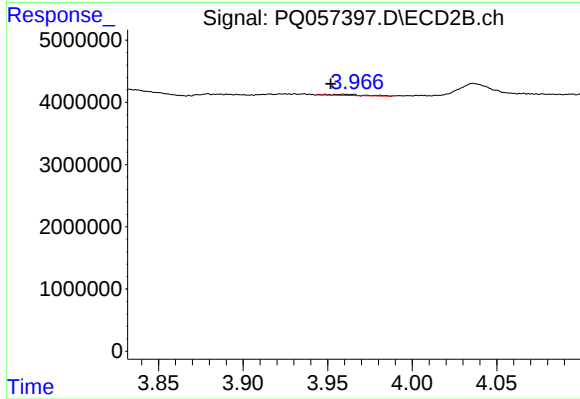
#7 AR-1016-5

R.T.: 5.257 min
Delta R.T.: 0.010 min
Response: 29647205
Conc: 100.04 ng/ml



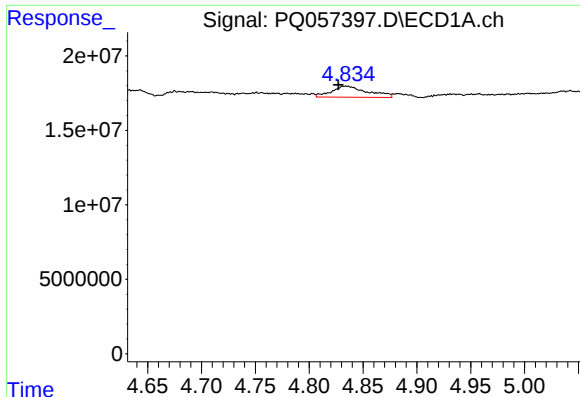
#8 AR-1221-1

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 1503099
Conc: 6.66 ng/ml



#8 AR-1221-1

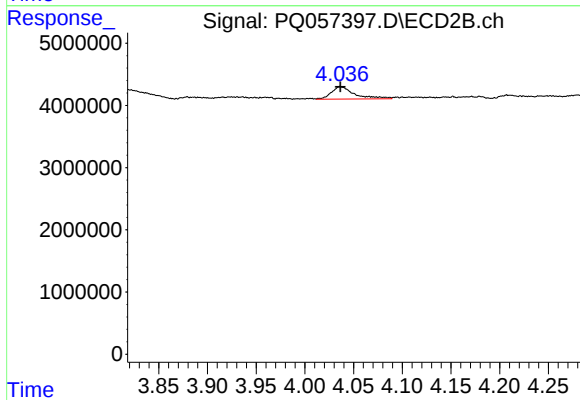
R.T.: 3.960 min
Delta R.T.: 0.008 min
Response: 263139
Conc: 2.06 ng/ml



#9 AR-1221-2

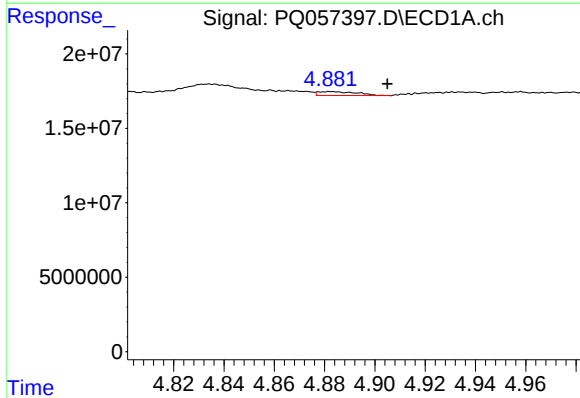
R.T.: 4.834 min
Delta R.T.: 0.007 min
Response: 17181821
Conc: 108.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



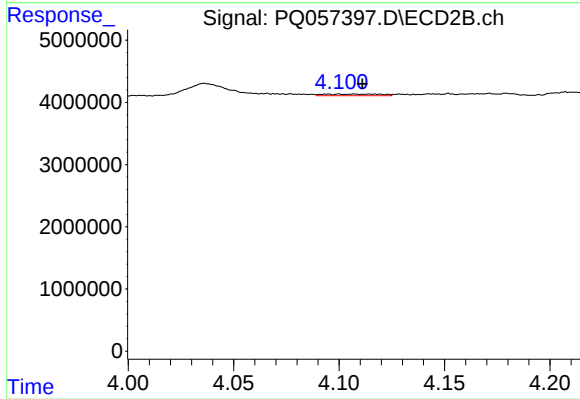
#9 AR-1221-2

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 3332040
Conc: 36.94 ng/ml



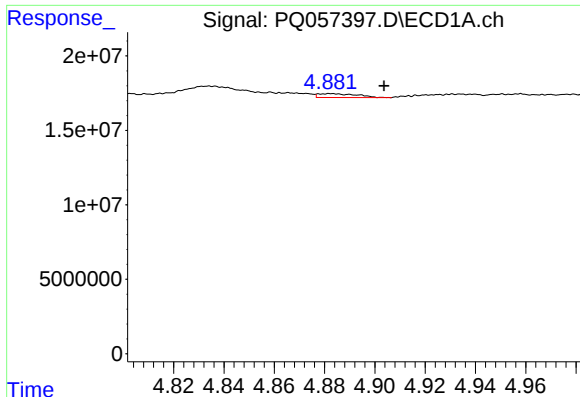
#10 AR-1221-3

R.T.: 4.882 min
Delta R.T.: -0.023 min
Response: 2763582
Conc: 5.05 ng/ml



#10 AR-1221-3

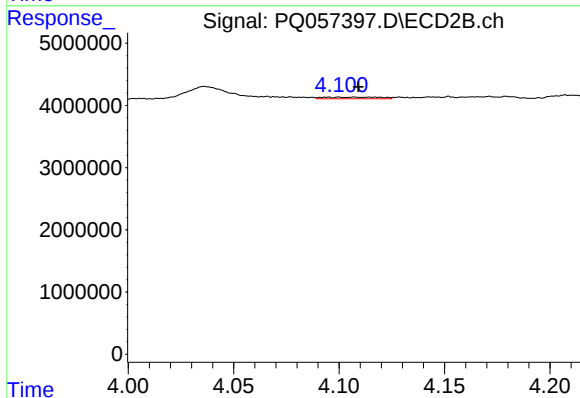
R.T.: 4.100 min
Delta R.T.: -0.011 min
Response: 491534
Conc: 1.57 ng/ml



#11 AR-1232-1

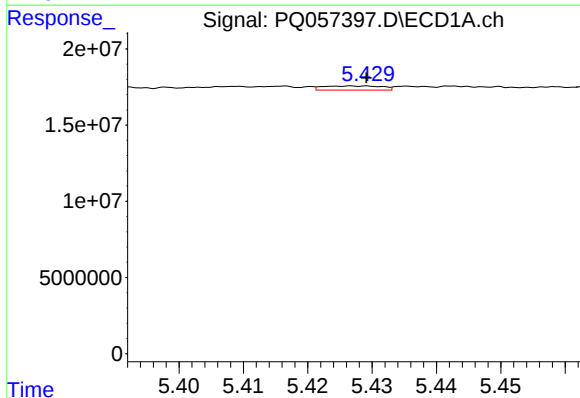
R.T.: 4.882 min
Delta R.T.: -0.021 min
Response: 2763582
Conc: 5.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



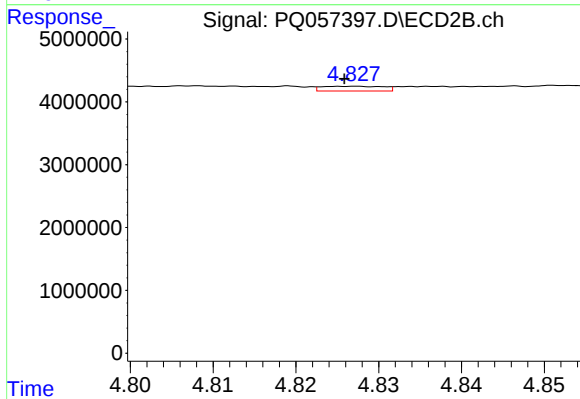
#11 AR-1232-1

R.T.: 4.100 min
Delta R.T.: -0.009 min
Response: 491534
Conc: 1.62 ng/ml



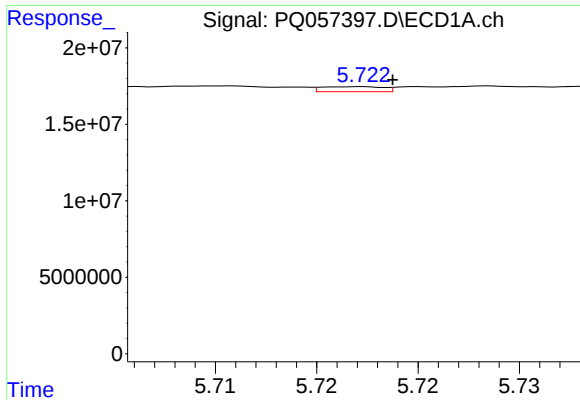
#12 AR-1232-2

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 1726923
Conc: 5.95 ng/ml



#12 AR-1232-2

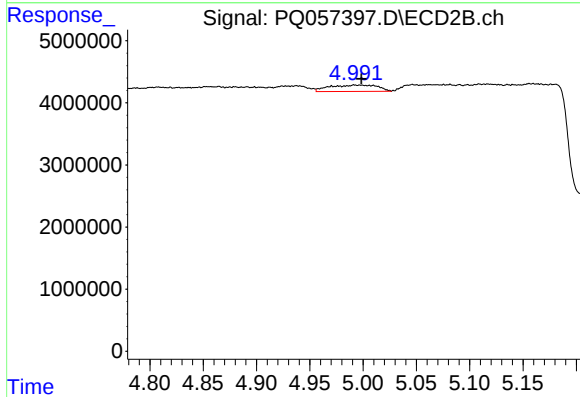
R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 388304
Conc: 1.24 ng/ml



#13 AR-1232-3

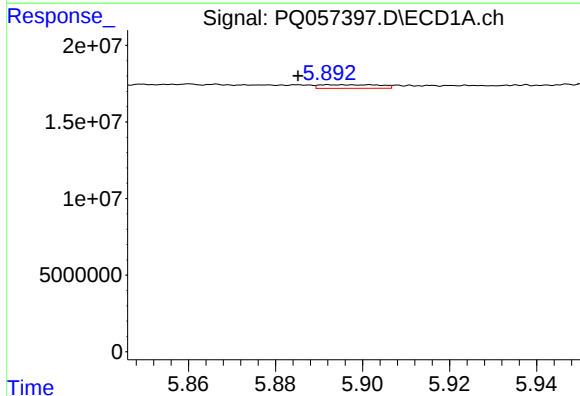
R.T.: 5.722 min
Delta R.T.: -0.002 min
Response: 707107
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



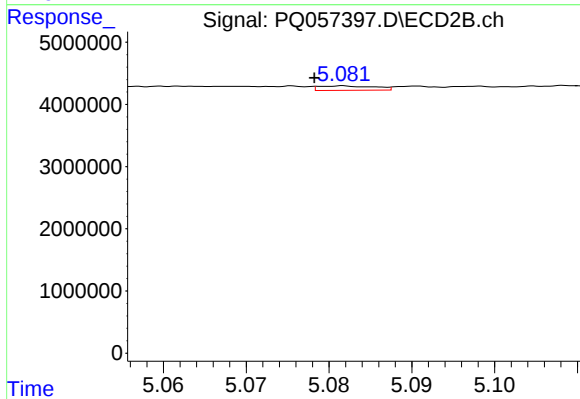
#13 AR-1232-3

R.T.: 4.992 min
Delta R.T.: -0.006 min
Response: 3211422
Conc: 23.22 ng/ml



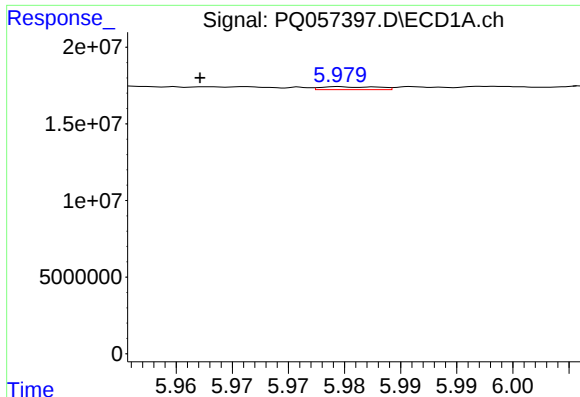
#14 AR-1232-4

R.T.: 5.892 min
Delta R.T.: 0.007 min
Response: 2259277
Conc: 7.93 ng/ml



#14 AR-1232-4

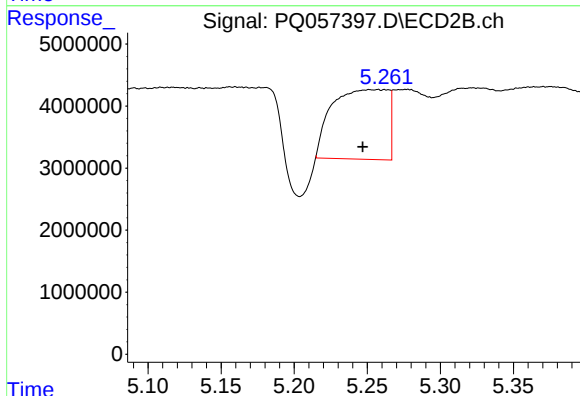
R.T.: 5.081 min
Delta R.T.: 0.003 min
Response: 335835
Conc: 2.62 ng/ml



#15 AR-1232-5

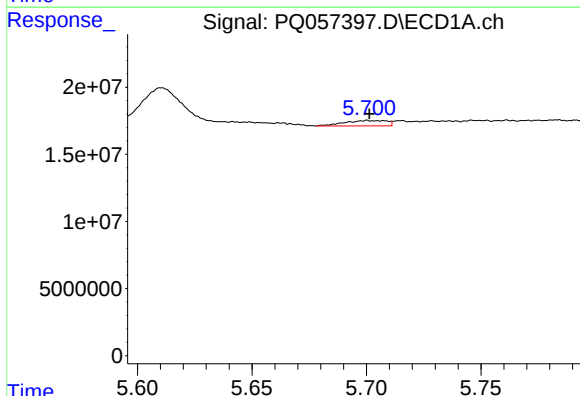
R.T.: 5.980 min
Delta R.T.: 0.013 min
Response: 671420
Conc: 3.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



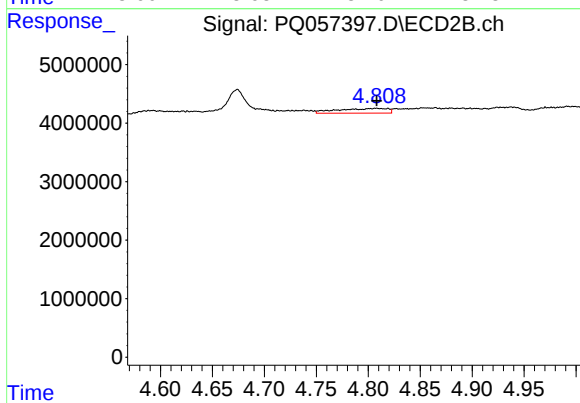
#15 AR-1232-5

R.T.: 5.257 min
Delta R.T.: 0.010 min
Response: 29647205
Conc: 198.65 ng/ml



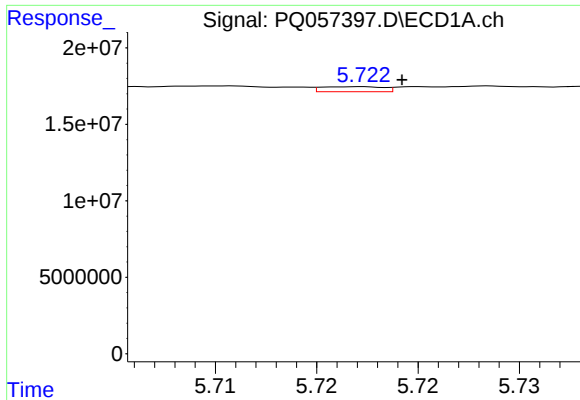
#16 AR-1242-1

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 5103430
Conc: 12.64 ng/ml



#16 AR-1242-1

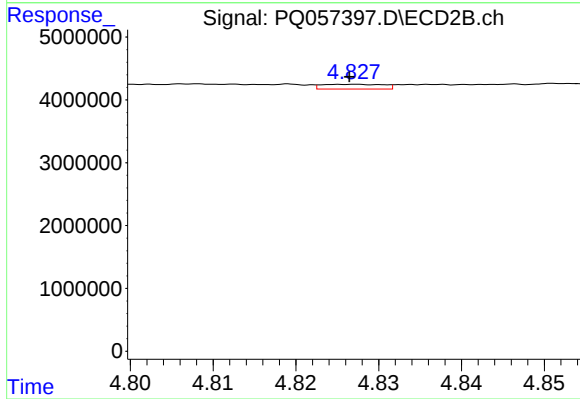
R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 2692551
Conc: 9.08 ng/ml



#17 AR-1242-2

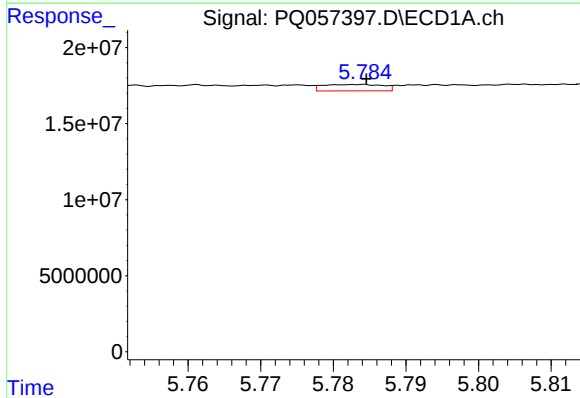
R.T.: 5.722 min
Delta R.T.: -0.002 min
Response: 707107
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



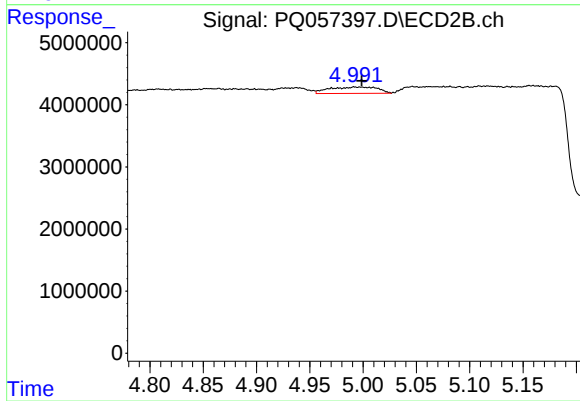
#17 AR-1242-2

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 388304
Conc: 0.73 ng/ml



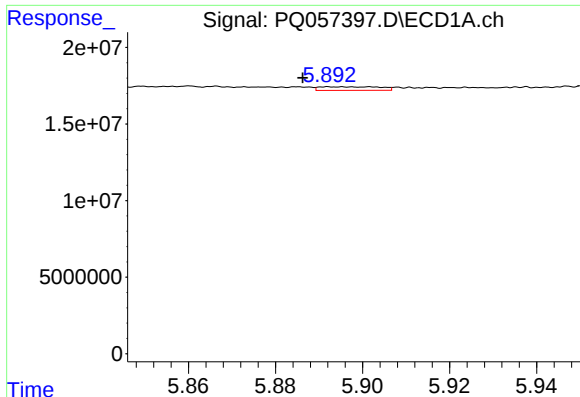
#18 AR-1242-3

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 2426475
Conc: 4.58 ng/ml



#18 AR-1242-3

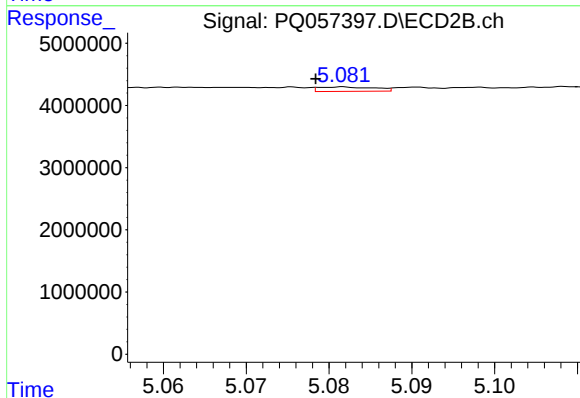
R.T.: 4.992 min
Delta R.T.: -0.007 min
Response: 3211422
Conc: 13.37 ng/ml



#19 AR-1242-4

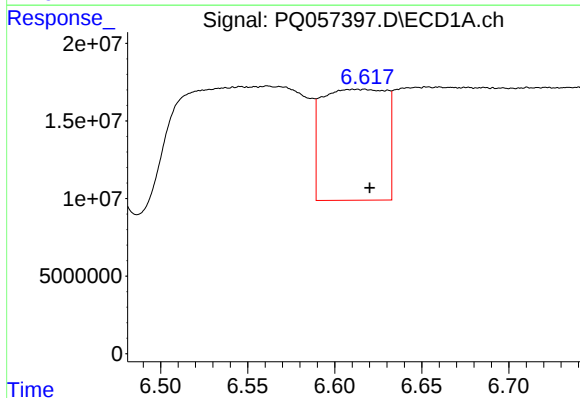
R.T.: 5.892 min
Delta R.T.: 0.006 min
Response: 2259277
Conc: 5.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



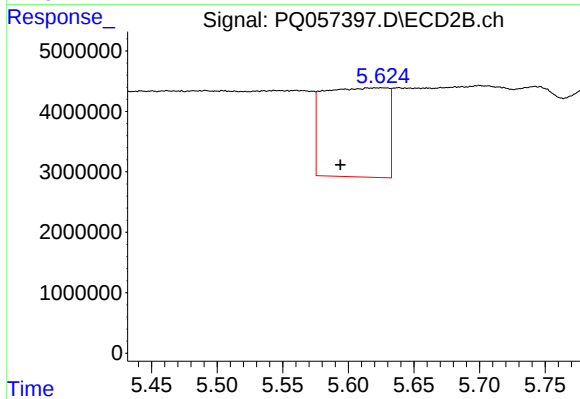
#19 AR-1242-4

R.T.: 5.081 min
Delta R.T.: 0.003 min
Response: 335835
Conc: 1.41 ng/ml



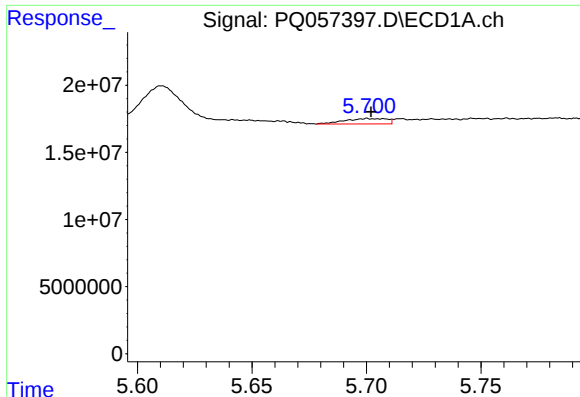
#20 AR-1242-5

R.T.: 6.617 min
Delta R.T.: -0.003 min
Response: 182369371
Conc: 435.44 ng/ml



#20 AR-1242-5

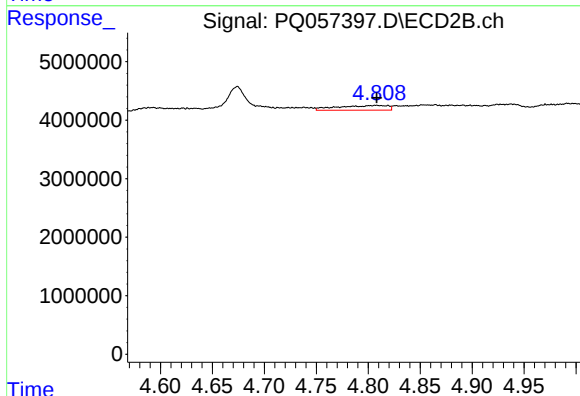
R.T.: 5.625 min
Delta R.T.: 0.032 min
Response: 50018279
Conc: 158.23 ng/ml



#21 AR-1248-1

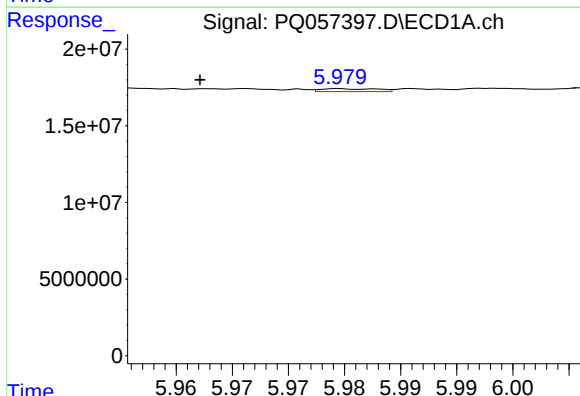
R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 5103430
Conc: 15.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



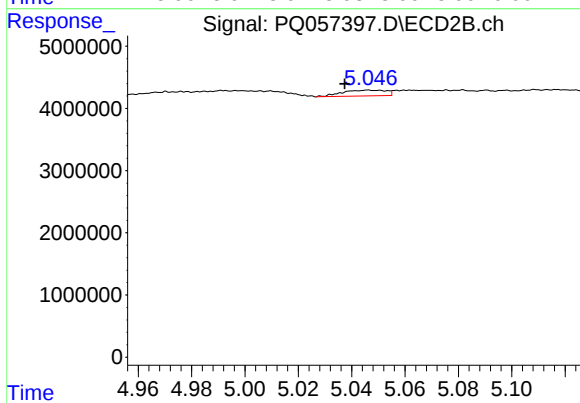
#21 AR-1248-1

R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 2692551
Conc: 11.30 ng/ml



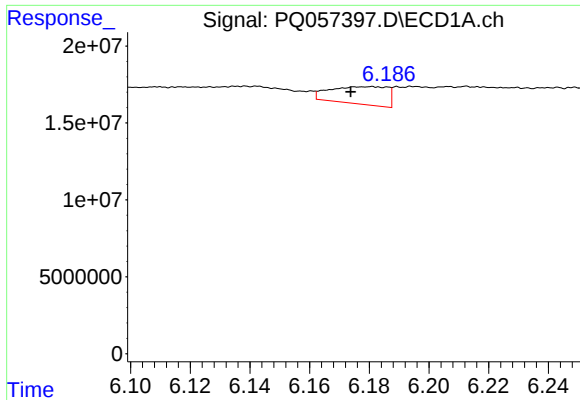
#22 AR-1248-2

R.T.: 5.980 min
Delta R.T.: 0.013 min
Response: 671420
Conc: 1.28 ng/ml



#22 AR-1248-2

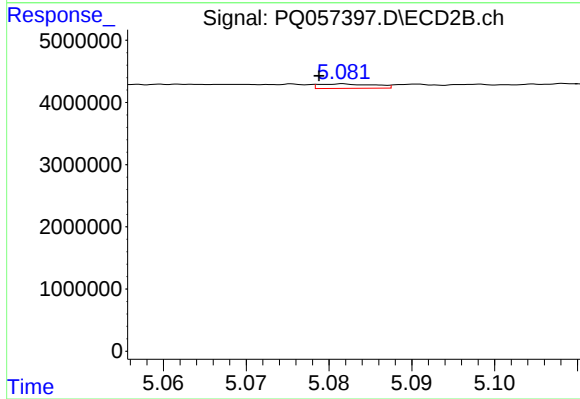
R.T.: 5.046 min
Delta R.T.: 0.009 min
Response: 1077582
Conc: 3.01 ng/ml



#23 AR-1248-3

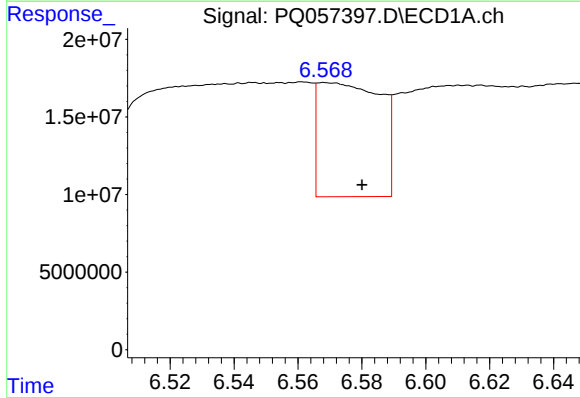
R.T.: 6.181 min
Delta R.T.: 0.007 min
Response: 15186513
Conc: 23.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



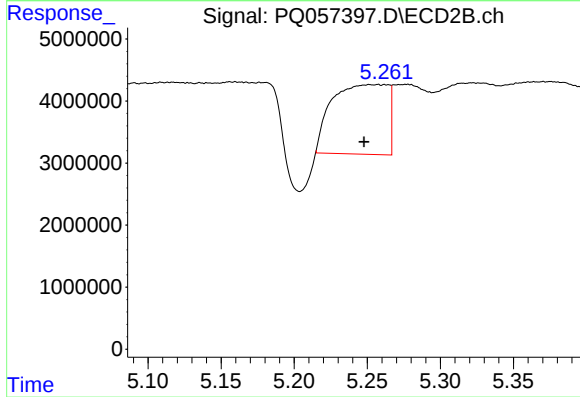
#23 AR-1248-3

R.T.: 5.081 min
Delta R.T.: 0.003 min
Response: 335835
Conc: 0.89 ng/ml



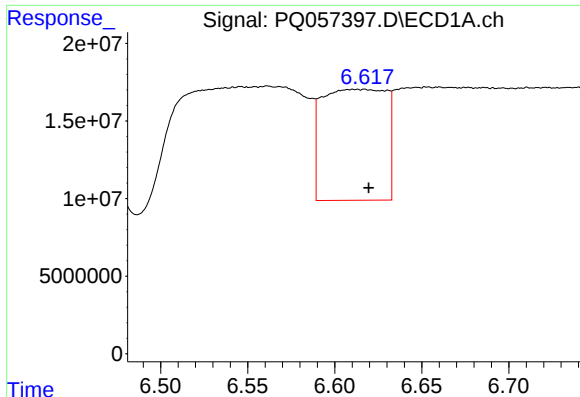
#24 AR-1248-4

R.T.: 6.568 min
Delta R.T.: -0.012 min
Response: 99534529
Conc: 145.13 ng/ml



#24 AR-1248-4

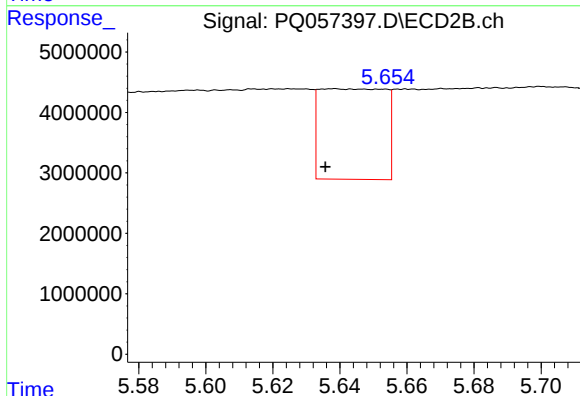
R.T.: 5.257 min
Delta R.T.: 0.010 min
Response: 29647205
Conc: 65.02 ng/ml



#25 AR-1248-5

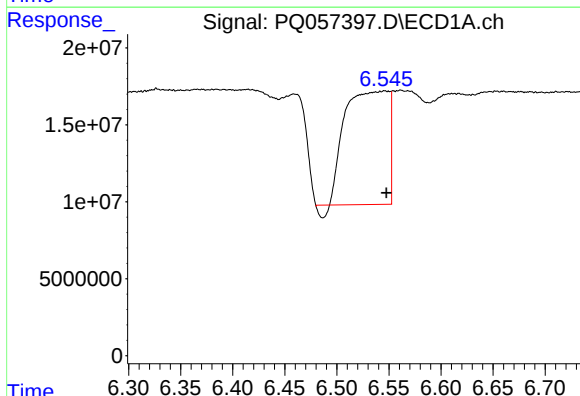
R.T.: 6.617 min
Delta R.T.: -0.002 min
Response: 182369371
Conc: 247.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



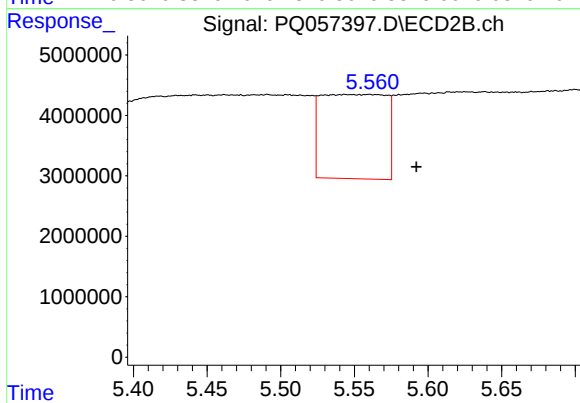
#25 AR-1248-5

R.T.: 5.638 min
Delta R.T.: 0.003 min
Response: 20188566
Conc: 42.20 ng/ml



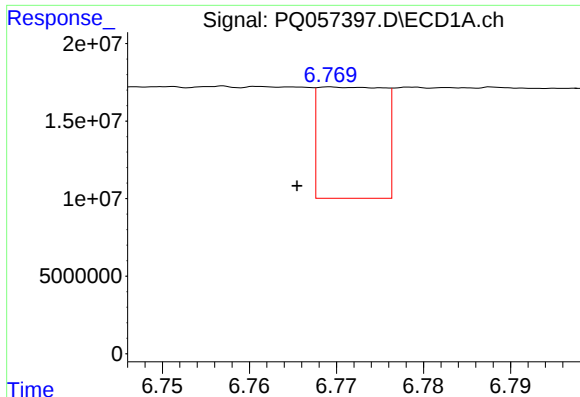
#26 AR-1254-1

R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 211864088
Conc: 328.24 ng/ml



#26 AR-1254-1

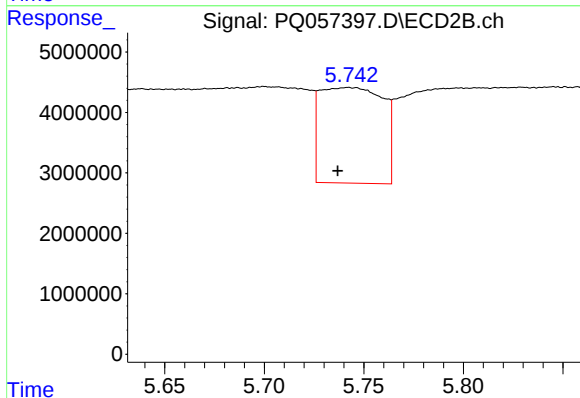
R.T.: 5.560 min
Delta R.T.: -0.032 min
Response: 42644419
Conc: 58.98 ng/ml



#27 AR-1254-2

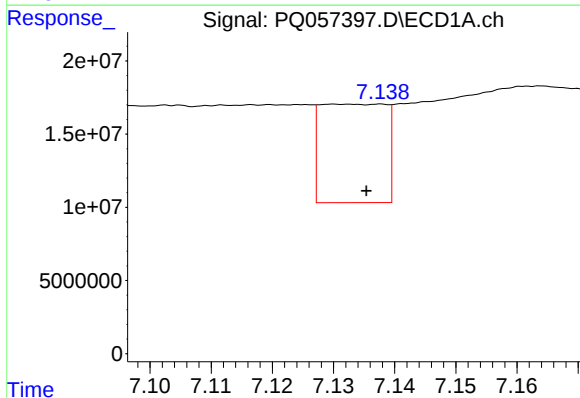
R.T.: 6.769 min
Delta R.T.: 0.004 min
Response: 37384553
Conc: 37.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



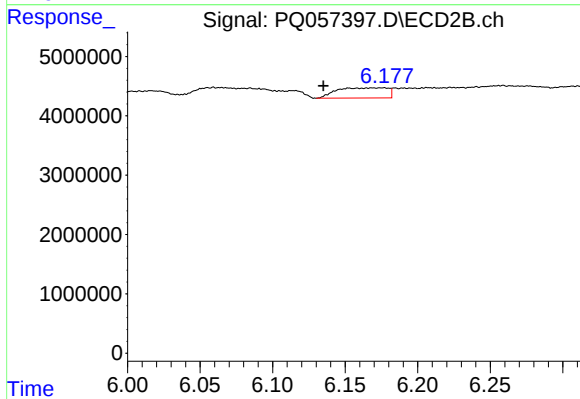
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: 0.005 min
Response: 34668228
Conc: 56.61 ng/ml



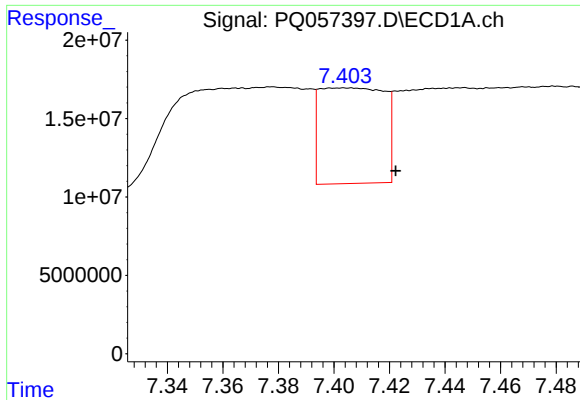
#28 AR-1254-3

R.T.: 7.130 min
Delta R.T.: -0.005 min
Response: 49737023
Conc: 41.41 ng/ml



#28 AR-1254-3

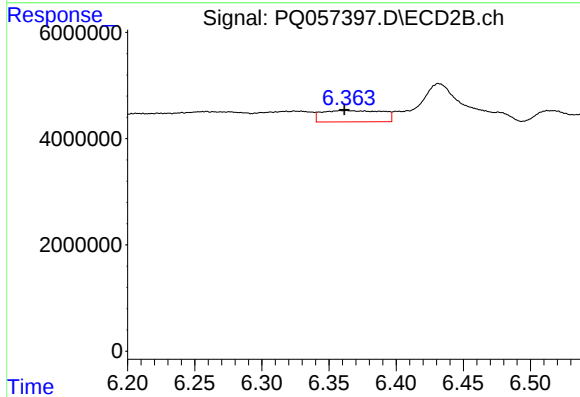
R.T.: 6.153 min
Delta R.T.: 0.018 min
Response: 4185964
Conc: 4.10 ng/ml



#29 AR-1254-4

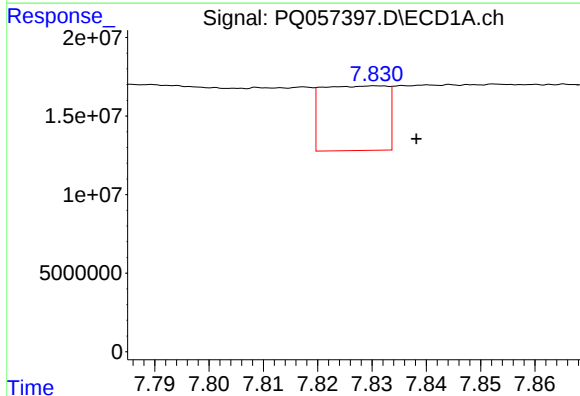
R.T.: 7.403 min
Delta R.T.: -0.019 min
Response: 98207469
Conc: 118.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



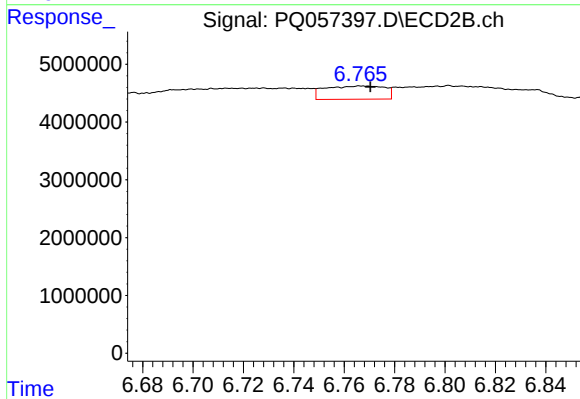
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: 0.001 min
Response: 6722165
Conc: 8.90 ng/ml



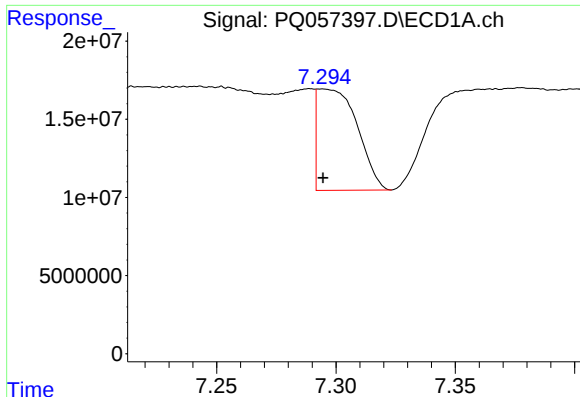
#30 AR-1254-5

R.T.: 7.831 min
Delta R.T.: -0.007 min
Response: 34169827
Conc: 38.18 ng/ml



#30 AR-1254-5

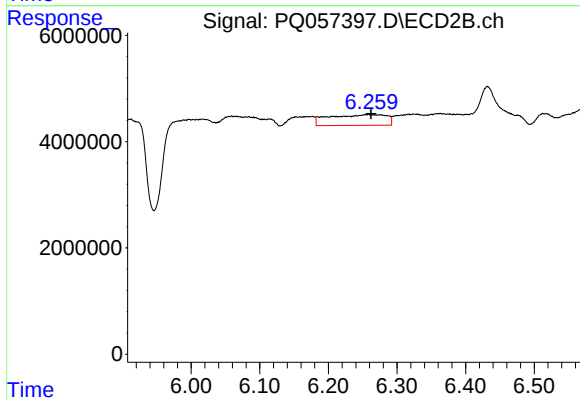
R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 3789198
Conc: 4.19 ng/ml



#31 AR-1260-1

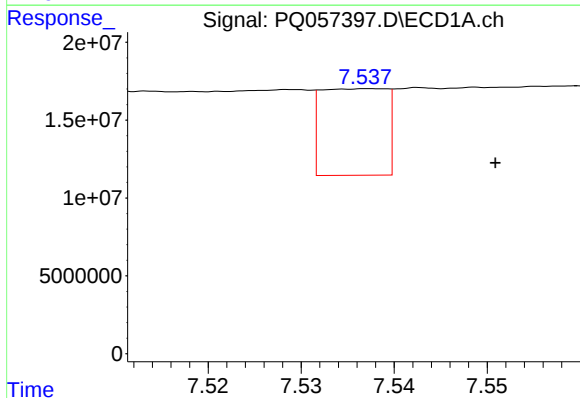
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 75898408
Conc: 110.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



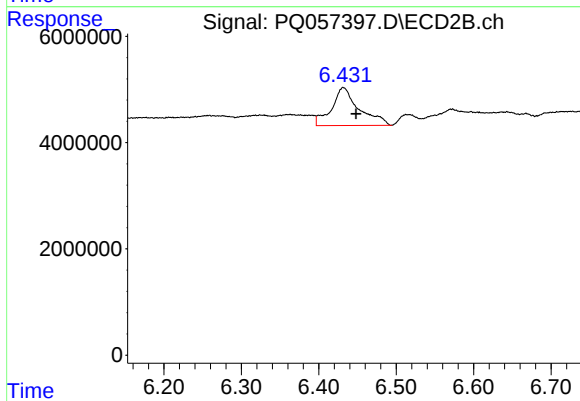
#31 AR-1260-1

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 11737049
Conc: 21.43 ng/ml



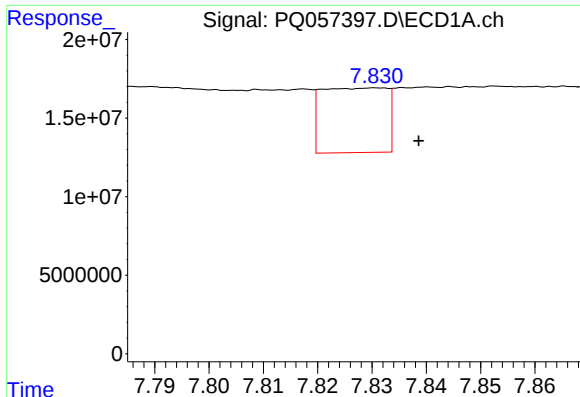
#32 AR-1260-2

R.T.: 7.538 min
Delta R.T.: -0.013 min
Response: 27001924
Conc: 33.34 ng/ml



#32 AR-1260-2

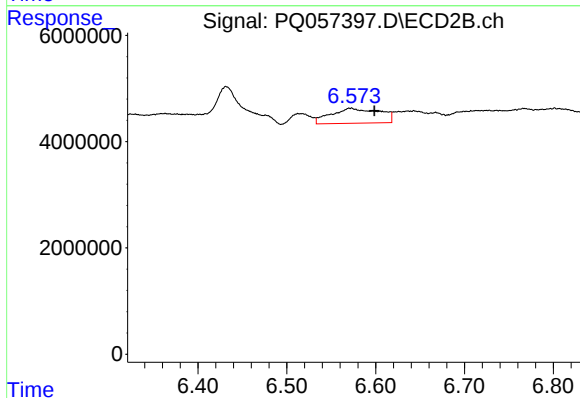
R.T.: 6.432 min
Delta R.T.: -0.016 min
Response: 17682677
Conc: 26.22 ng/ml



#33 AR-1260-3

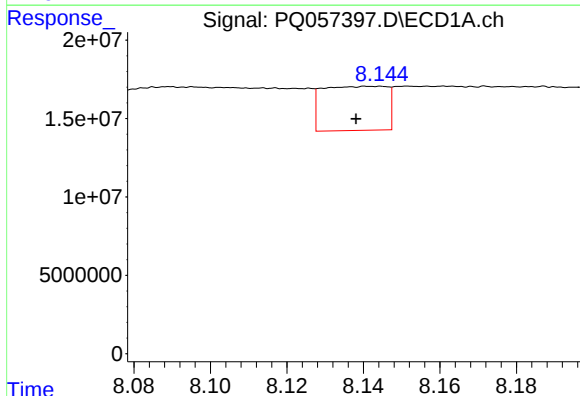
R.T.: 7.831 min
Delta R.T.: -0.008 min
Response: 34169827
Conc: 35.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



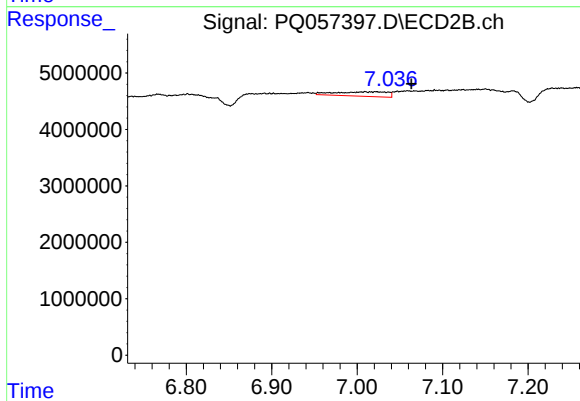
#33 AR-1260-3

R.T.: 6.572 min
Delta R.T.: -0.026 min
Response: 10768900
Conc: 16.94 ng/ml



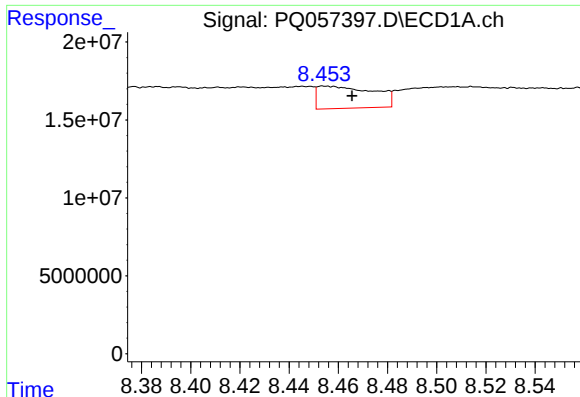
#34 AR-1260-4

R.T.: 8.145 min
Delta R.T.: 0.007 min
Response: 32832126
Conc: 42.17 ng/ml



#34 AR-1260-4

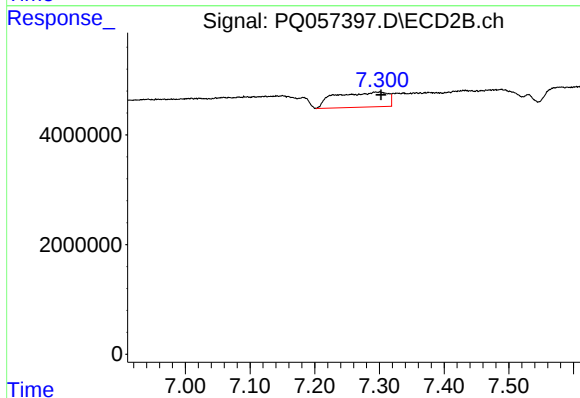
R.T.: 7.009 min
Delta R.T.: -0.055 min
Response: 3325575
Conc: 6.28 ng/ml



#35 AR-1260-5

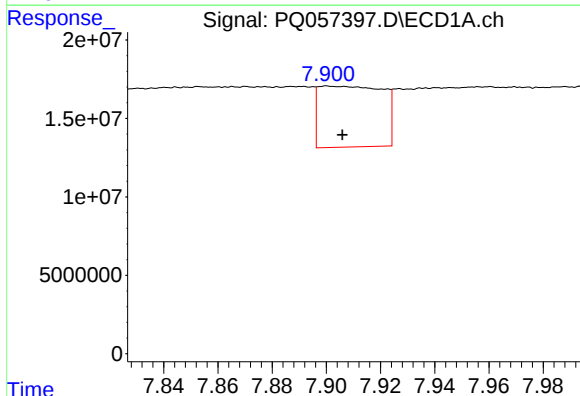
R.T.: 8.454 min
Delta R.T.: -0.012 min
Response: 22671227
Conc: 14.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



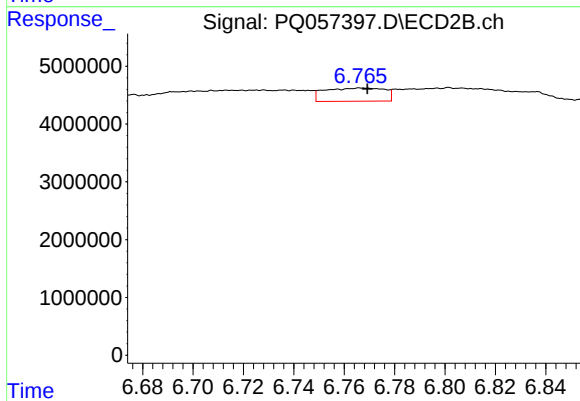
#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: -0.005 min
Response: 15277723
Conc: 11.61 ng/ml



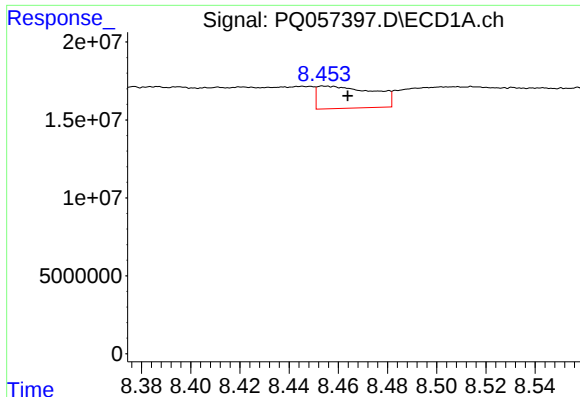
#36 AR-1262-1

R.T.: 7.900 min
Delta R.T.: -0.006 min
Response: 63359699
Conc: 62.31 ng/ml



#36 AR-1262-1

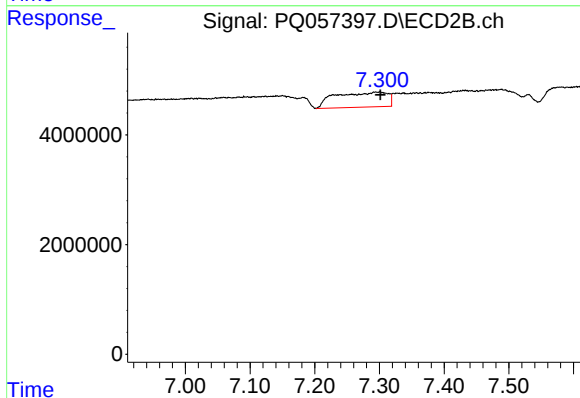
R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 3789198
Conc: 8.23 ng/ml



#37 AR-1262-2

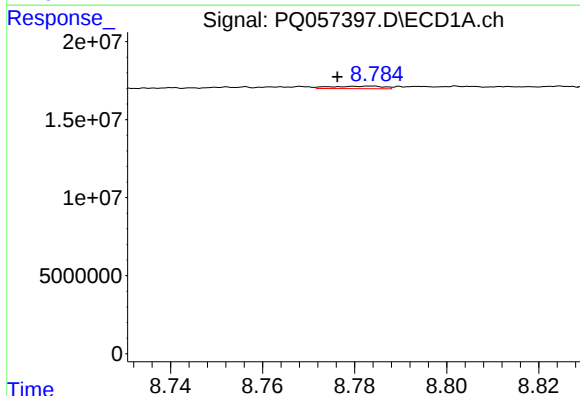
R.T.: 8.454 min
Delta R.T.: -0.010 min
Response: 22671227
Conc: 10.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



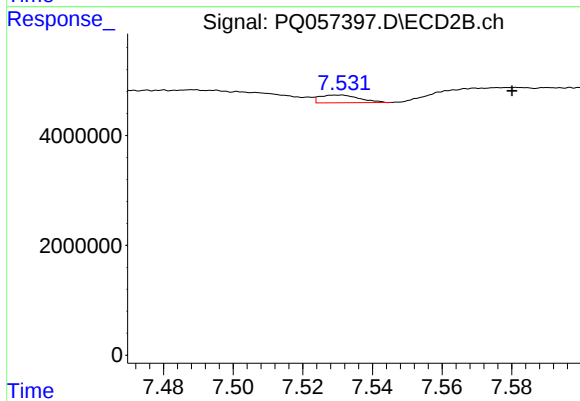
#37 AR-1262-2

R.T.: 7.298 min
Delta R.T.: -0.003 min
Response: 15277723
Conc: 8.81 ng/ml



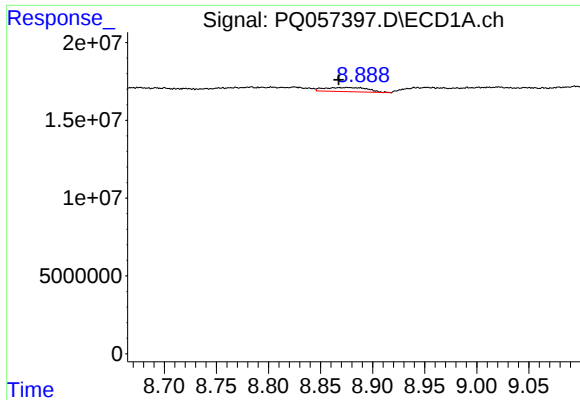
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.007 min
Response: 1240326
Conc: 1.35 ng/ml



#38 AR-1262-3

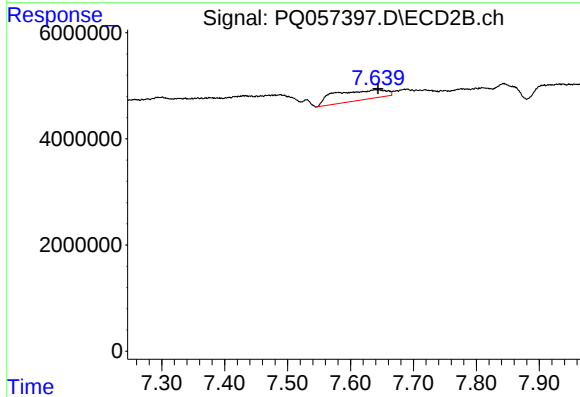
R.T.: 7.530 min
Delta R.T.: -0.050 min
Response: 1110417
Conc: 1.61 ng/ml



#39 AR-1262-4

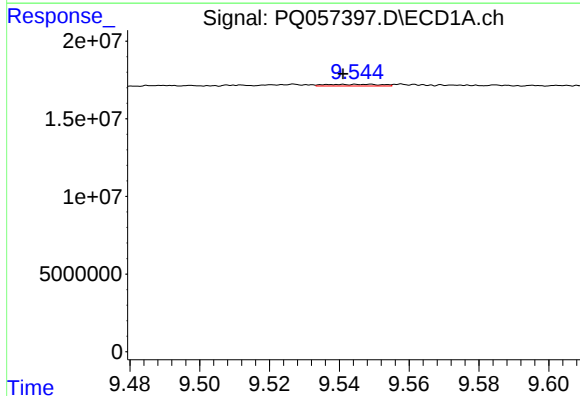
R.T.: 8.876 min
Delta R.T.: 0.008 min
Response: 7825316
Conc: 9.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



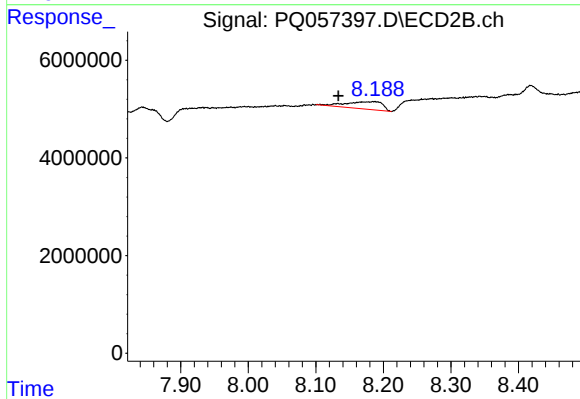
#39 AR-1262-4

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 10677990
Conc: 8.44 ng/ml



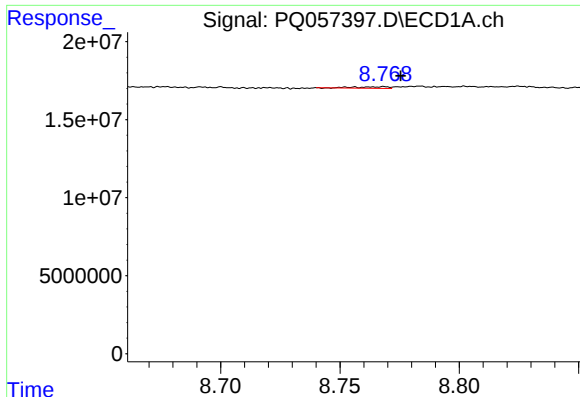
#40 AR-1262-5

R.T.: 9.541 min
Delta R.T.: 0.000 min
Response: 1157125
Conc: 1.36 ng/ml



#40 AR-1262-5

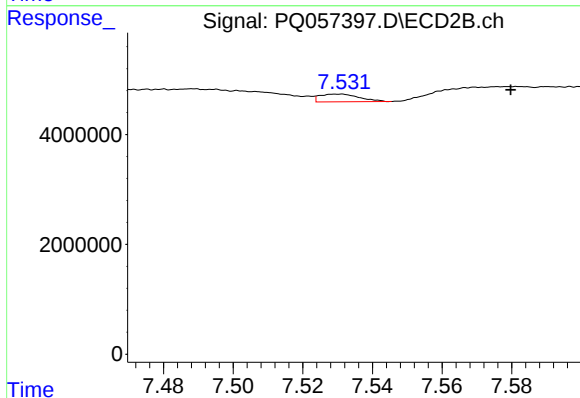
R.T.: 8.187 min
Delta R.T.: 0.053 min
Response: 5733328
Conc: 10.40 ng/ml



#41 AR-1268-1

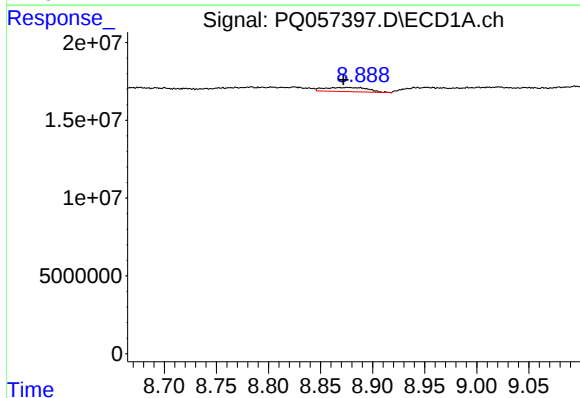
R.T.: 8.769 min
Delta R.T.: -0.007 min
Response: 845612
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



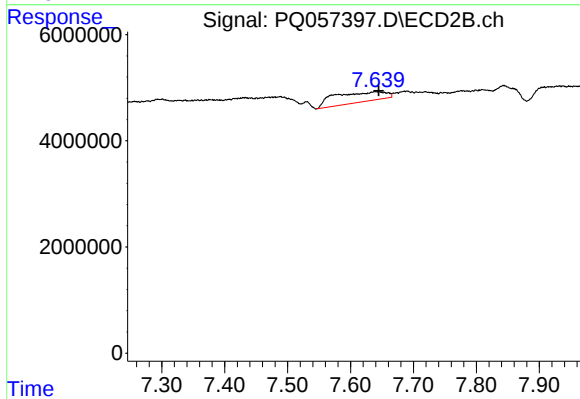
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.050 min
Response: 1110417
Conc: 0.56 ng/ml



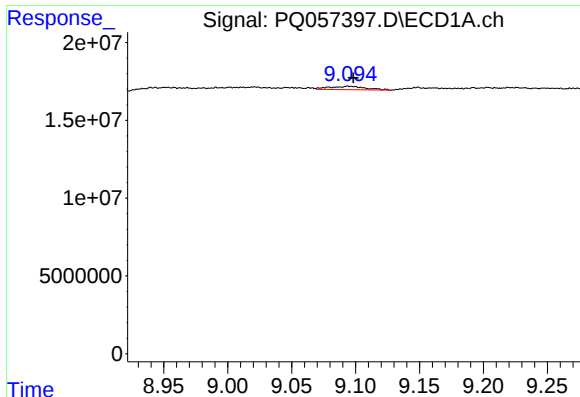
#42 AR-1268-2

R.T.: 8.876 min
Delta R.T.: 0.004 min
Response: 7825316
Conc: 2.92 ng/ml



#42 AR-1268-2

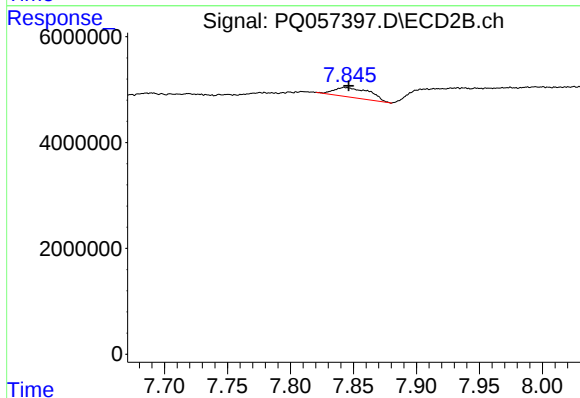
R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 10677990
Conc: 5.93 ng/ml



#43 AR-1268-3

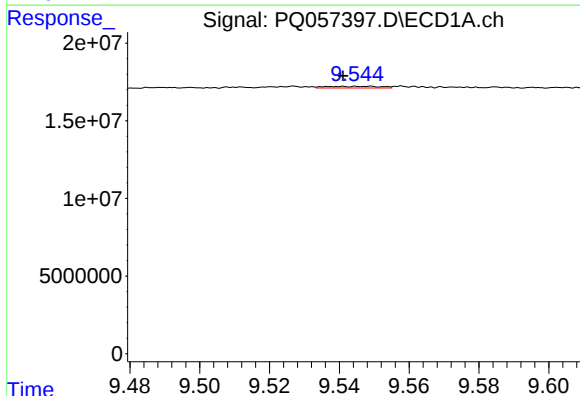
R.T.: 9.094 min
Delta R.T.: -0.004 min
Response: 4230578
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



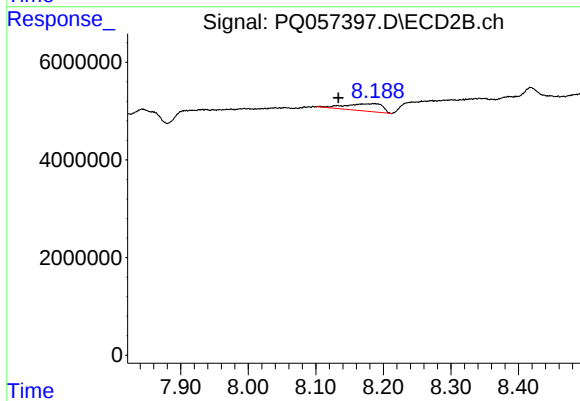
#43 AR-1268-3

R.T.: 7.844 min
Delta R.T.: -0.003 min
Response: 3618345
Conc: 2.57 ng/ml



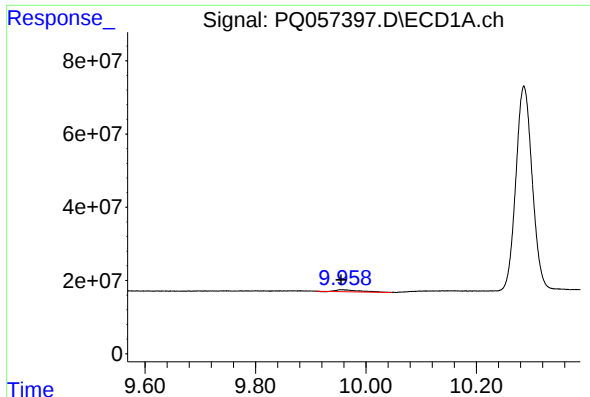
#44 AR-1268-4

R.T.: 9.541 min
Delta R.T.: 0.000 min
Response: 1157125
Conc: 1.22 ng/ml



#44 AR-1268-4

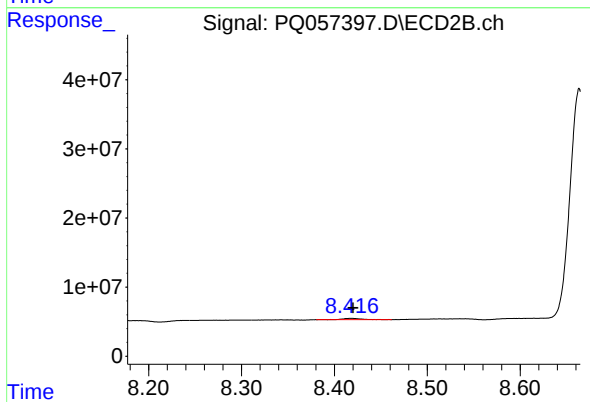
R.T.: 8.187 min
Delta R.T.: 0.053 min
Response: 5733328
Conc: 9.53 ng/ml



#45 AR-1268-5

R.T.: 9.958 min
Delta R.T.: 0.003 min
Response: 15935691
Conc: 1.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.002 min
Response: 2814633
Conc: 0.59 ng/ml