

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120419\
 Data File : PQ045628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2019 18:49
 Operator : SM\AJ
 Sample : AIBLK05
 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: Dec 05 03:28:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 04 05:36:27 2019
 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...	5.237	4.411	121.2E6	94121551	21.864	19.208
2)	SA Decachlor...	11.410	9.879	362.3E6	178.4E6	27.730	28.762
Target Compounds							
3)	L1 AR-1016-1	6.549	0.000	832131	0	3.788	N.D. #
4)	L1 AR-1016-2	6.549	0.000	832131	0	2.514	N.D. #
5)	L1 AR-1016-3	6.662	5.916	309088	320448	1.612	2.747 #
6)	L1 AR-1016-4	6.769	5.930	132333	93545	0.827	0.936
7)	L1 AR-1016-5	7.083	6.207	1590523	1306205	9.269	10.113
8)	L2 AR-1221-1	5.490	0.000	83152	0	1.367	N.D. #
9)	L2 AR-1221-2	5.591	4.777	1349743	821043	30.629	23.754
10)	L2 AR-1221-3	5.686	0.000	143917	0	0.910	N.D. #
11)	L3 AR-1232-1	5.686	0.000	143917	0	1.202	N.D. #
12)	L3 AR-1232-2	6.253	0.000	1052603	0	16.424	N.D. #
13)	L3 AR-1232-3	6.549	5.916	832131	320448	5.531	6.099
14)	L3 AR-1232-4	6.769	6.038	132333	632861	1.832	12.433 #
15)	L3 AR-1232-5	6.868	6.207	720506	1306205	13.052	25.200 #
16)	L4 AR-1242-1	6.549	0.000	832131	0	4.059	N.D. #
17)	L4 AR-1242-2	6.549	0.000	832131	0	2.705	N.D. #
18)	L4 AR-1242-3	6.662	5.916	309088	320448	1.724	2.916 #
19)	L4 AR-1242-4	6.769	6.038	132333	632861	0.884	5.475 #
20)	L4 AR-1242-5	7.552	6.611	114008	1409663	0.627	10.061 #
21)	L5 AR-1248-1	6.549	0.000	832131	0	5.104	N.D. #
22)	L5 AR-1248-2	6.868	5.930	720506	93545	3.153	0.564 #
23)	L5 AR-1248-3	7.083	6.038	1590523	632861	6.041	3.649 #
24)	L5 AR-1248-4	7.466	6.207	5023662	1306205	15.419	6.401 #
25)	L5 AR-1248-5	7.552	6.640	114008	97140	0.376	0.510 #
26)	L6 AR-1254-1	7.466	6.611	5023662	1409663	17.508	4.554 #
27)	L6 AR-1254-2	7.705	6.743	488228	474518	1.039	1.691 #
28)	L6 AR-1254-3	8.085	7.164	4707317	1517778	8.868	3.269 #
29)	L6 AR-1254-4	8.374	7.378	7672421	1557999	17.765	5.759 #
30)	L6 AR-1254-5	8.802	7.854	6027067	7343041	12.545	18.165 #
31)	L7 AR-1260-1	8.270	7.305	5073138	2203219	13.868	8.026 #
32)	L7 AR-1260-2	8.520	7.490	3671349	1821129	7.763	5.667 #
33)	L7 AR-1260-3	8.865	7.722	7939108	6542525	19.504	21.390
34)	L7 AR-1260-4	9.077	8.199	9446834	2617339	20.457	9.778 #
35)	L7 AR-1260-5	9.461	8.369	5896632	162801	5.340	0.237 #
36)	L8 AR-1262-1	8.925	7.854	2358825	7343041	8.209	28.285 #
37)	L8 AR-1262-2	9.461	8.369	5896632	162801	3.682	0.164 #
38)	L8 AR-1262-3	9.767	0.000	2848941	0	2.706	N.D. #
39)	L8 AR-1262-4	9.927	8.774	2349324	16835186	2.700	20.967 #
40)	L8 AR-1262-5	10.601	0.000	266130	0	0.389	N.D. #
41)	L9 AR-1268-1	9.767	0.000	2848941	0	1.767	N.D. #

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 Acq On : 04 Dec 2019 18:49
 Operator : SM\AJ
 Sample : AIBLK05
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

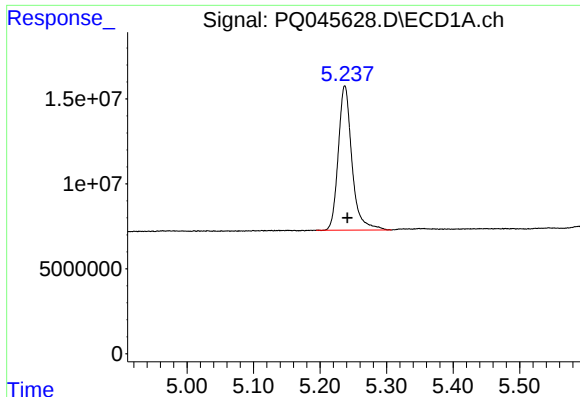
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 03:28:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120319CLP.M
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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	9.927	8.774	2349324	16835186	1.424	16.998 #
43) L9	AR-1268-3	10.140	8.973	2082113	662614	1.485	0.838 #
44) L9	AR-1268-4	10.601	0.000	266130	0	0.403	N.D. #
45) L9	AR-1268-5	11.044	9.597	2238275	1144561	0.416	0.428

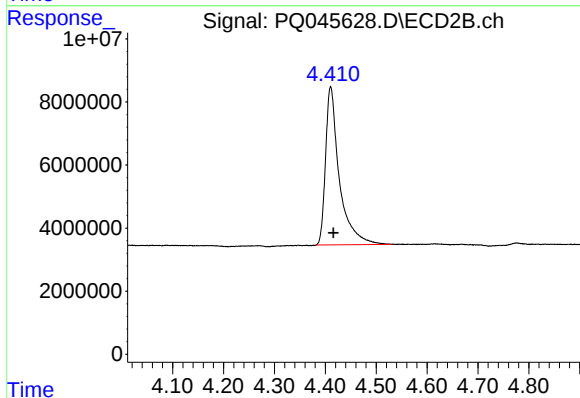
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

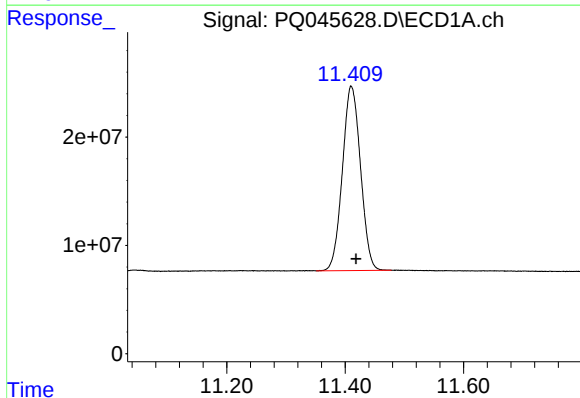
R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 121246800
Conc: 21.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



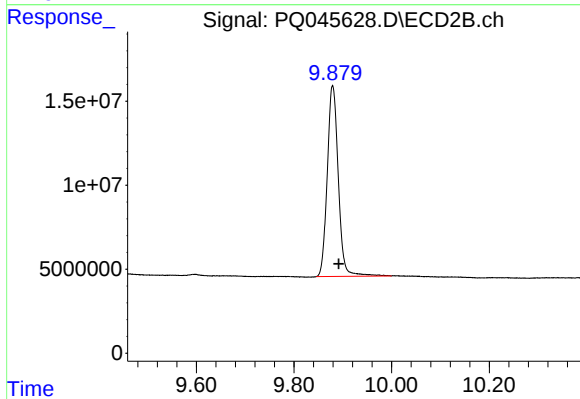
#1 Tetrachloro-m-xylene

R.T.: 4.411 min
Delta R.T.: -0.006 min
Response: 94121551
Conc: 19.21 ng/ml



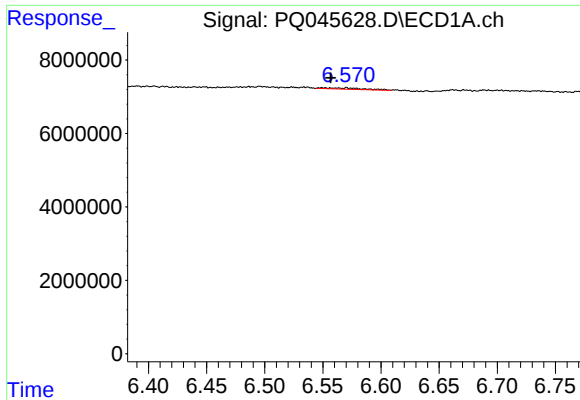
#2 Decachlorobiphenyl

R.T.: 11.410 min
Delta R.T.: -0.008 min
Response: 362288556
Conc: 27.73 ng/ml



#2 Decachlorobiphenyl

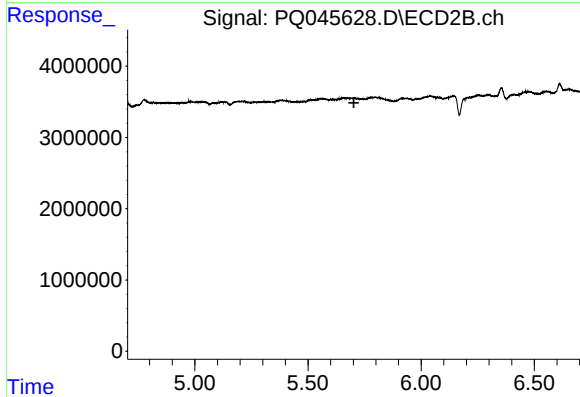
R.T.: 9.879 min
Delta R.T.: -0.013 min
Response: 178363795
Conc: 28.76 ng/ml



#3 AR-1016-1

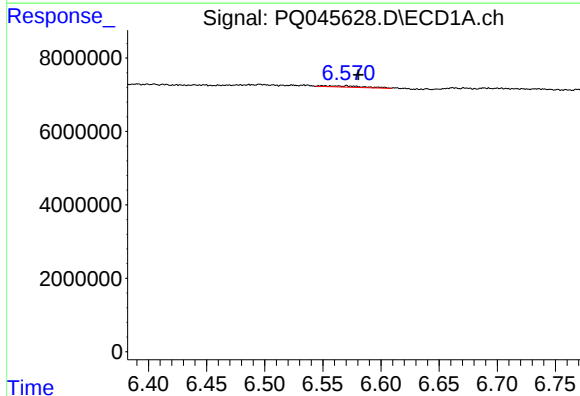
R.T.: 6.549 min
Delta R.T.: -0.008 min
Response: 832131
Conc: 3.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



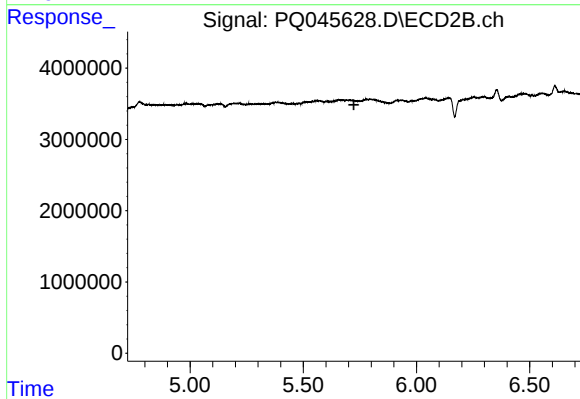
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.703 min
Response: 0
Conc: N.D.



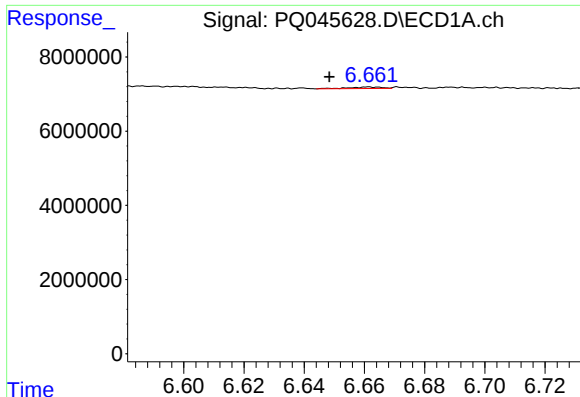
#4 AR-1016-2

R.T.: 6.549 min
Delta R.T.: -0.031 min
Response: 832131
Conc: 2.51 ng/ml



#4 AR-1016-2

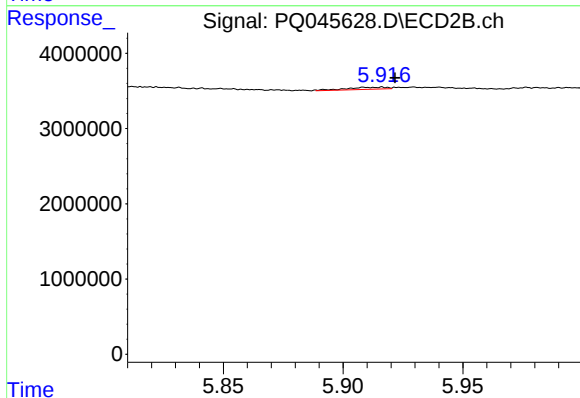
R.T.: 0.000 min
Exp R.T. : 5.723 min
Response: 0
Conc: N.D.



#5 AR-1016-3

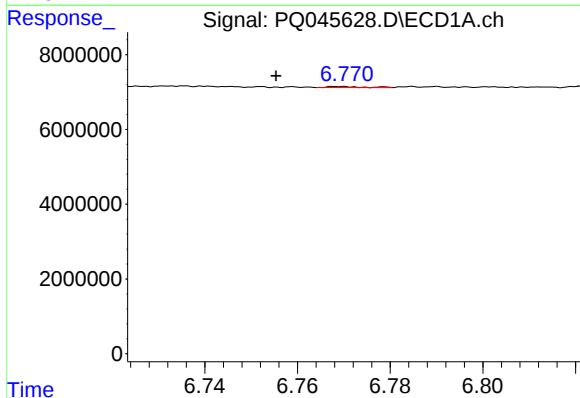
R.T.: 6.662 min
Delta R.T.: 0.014 min
Response: 309088
Conc: 1.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



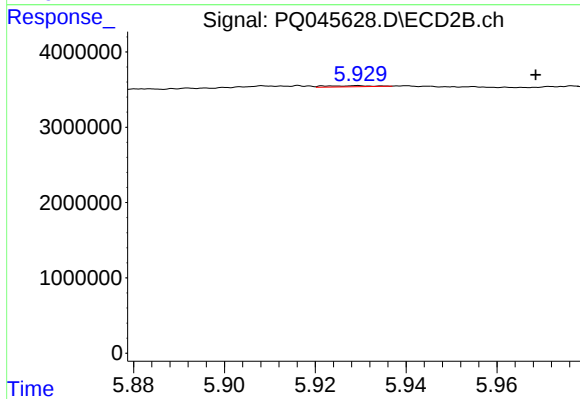
#5 AR-1016-3

R.T.: 5.916 min
Delta R.T.: -0.005 min
Response: 320448
Conc: 2.75 ng/ml



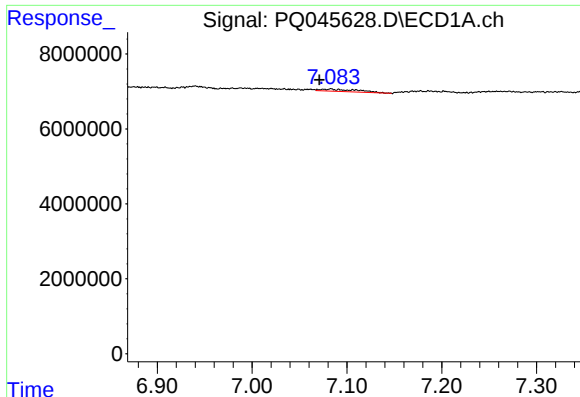
#6 AR-1016-4

R.T.: 6.769 min
Delta R.T.: 0.014 min
Response: 132333
Conc: 0.83 ng/ml



#6 AR-1016-4

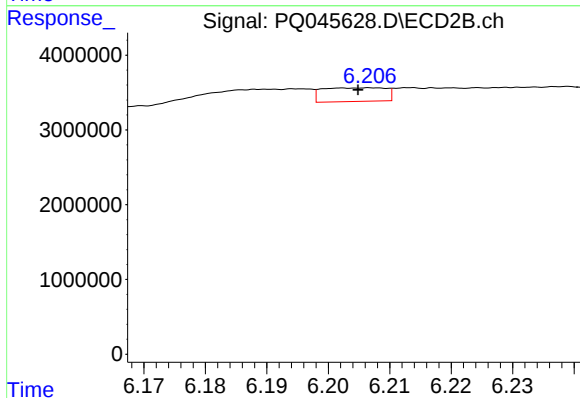
R.T.: 5.930 min
Delta R.T.: -0.039 min
Response: 93545
Conc: 0.94 ng/ml



#7 AR-1016-5

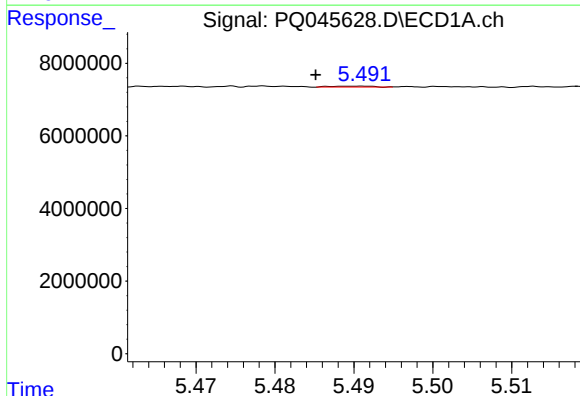
R.T.: 7.083 min
Delta R.T.: 0.012 min
Response: 1590523
Conc: 9.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



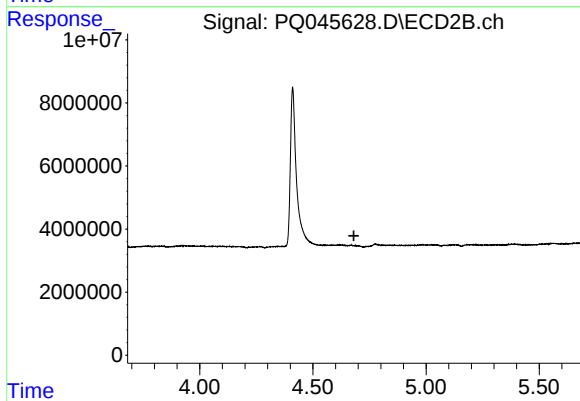
#7 AR-1016-5

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 1306205
Conc: 10.11 ng/ml



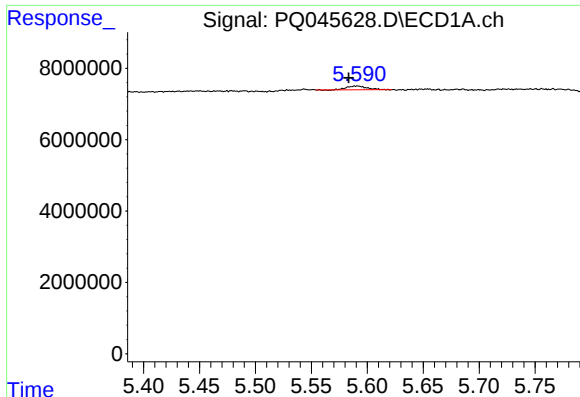
#8 AR-1221-1

R.T.: 5.490 min
Delta R.T.: 0.005 min
Response: 83152
Conc: 1.37 ng/ml



#8 AR-1221-1

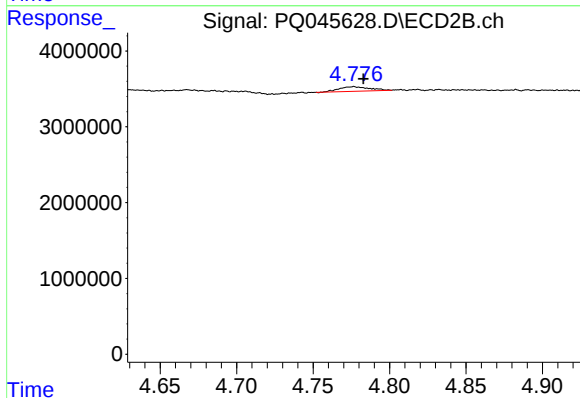
R.T.: 0.000 min
Exp R.T.: 4.681 min
Response: 0
Conc: N.D.



#9 AR-1221-2

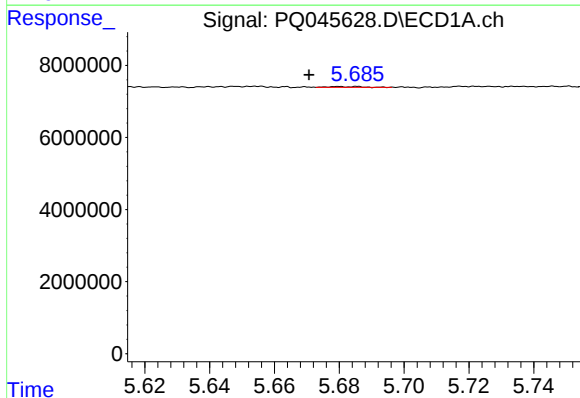
R.T.: 5.591 min
Delta R.T.: 0.007 min
Response: 1349743
Conc: 30.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



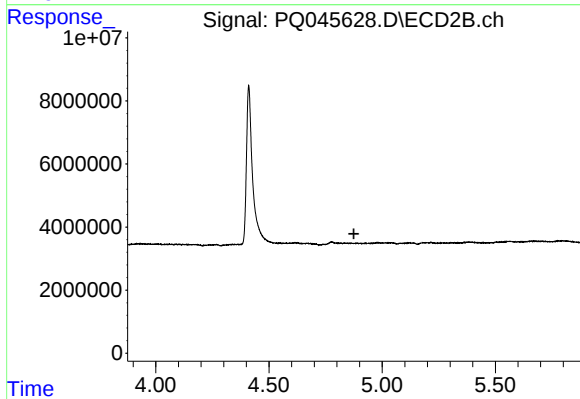
#9 AR-1221-2

R.T.: 4.777 min
Delta R.T.: -0.006 min
Response: 821043
Conc: 23.75 ng/ml



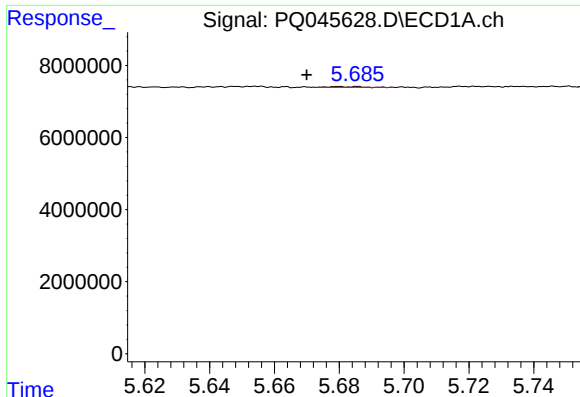
#10 AR-1221-3

R.T.: 5.686 min
Delta R.T.: 0.015 min
Response: 143917
Conc: 0.91 ng/ml



#10 AR-1221-3

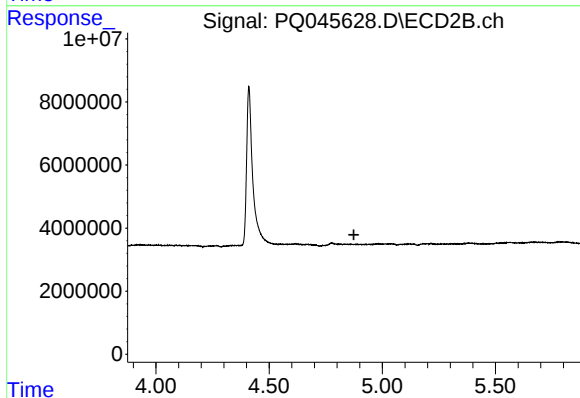
R.T.: 0.000 min
Exp R.T.: 4.875 min
Response: 0
Conc: N.D.



#11 AR-1232-1

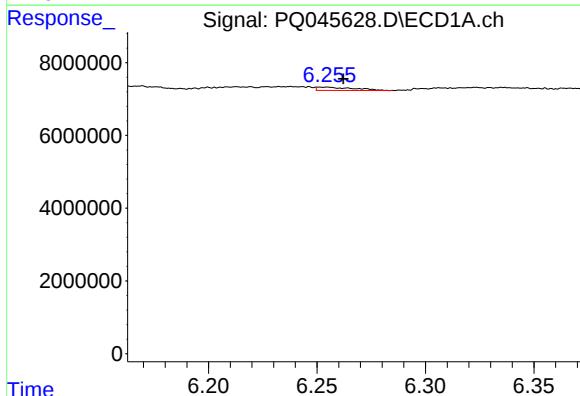
R.T.: 5.686 min
Delta R.T.: 0.016 min
Response: 143917
Conc: 1.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



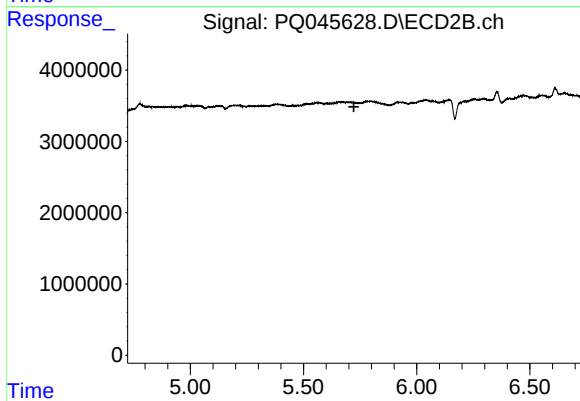
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.874 min
Response: 0
Conc: N.D.



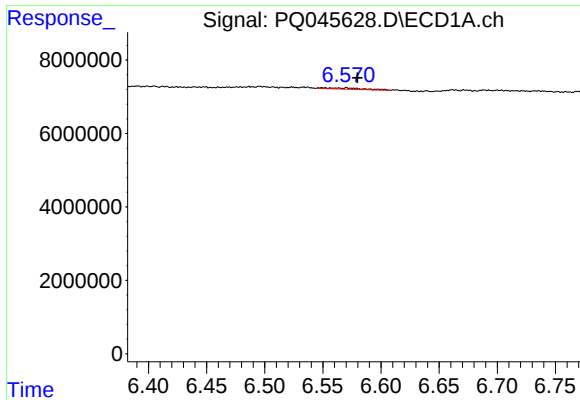
#12 AR-1232-2

R.T.: 6.253 min
Delta R.T.: -0.009 min
Response: 1052603
Conc: 16.42 ng/ml



#12 AR-1232-2

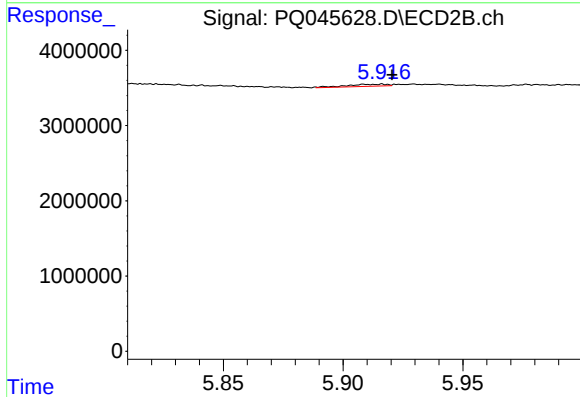
R.T.: 0.000 min
Exp R.T. : 5.722 min
Response: 0
Conc: N.D.



#13 AR-1232-3

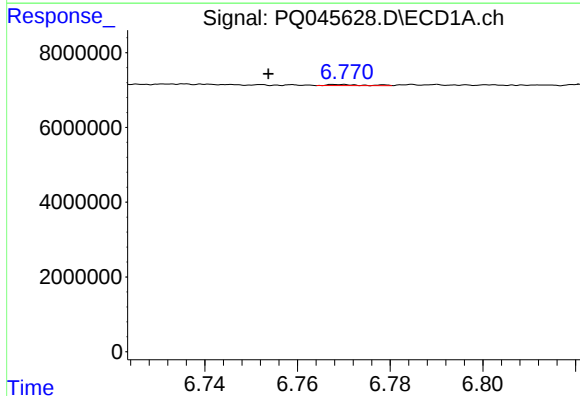
R.T.: 6.549 min
Delta R.T.: -0.030 min
Response: 832131
Conc: 5.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



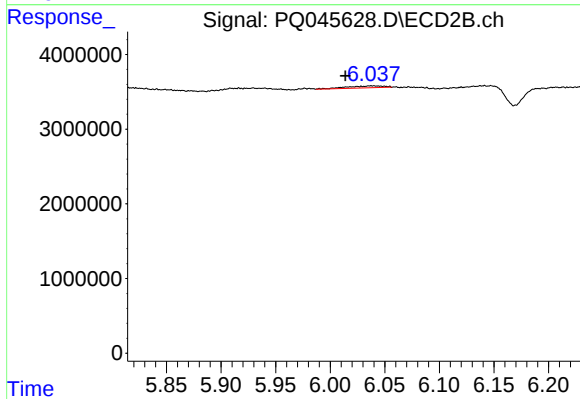
#13 AR-1232-3

R.T.: 5.916 min
Delta R.T.: -0.004 min
Response: 320448
Conc: 6.10 ng/ml



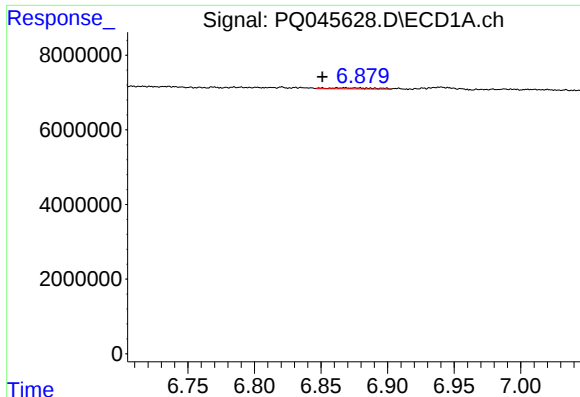
#14 AR-1232-4

R.T.: 6.769 min
Delta R.T.: 0.016 min
Response: 132333
Conc: 1.83 ng/ml



#14 AR-1232-4

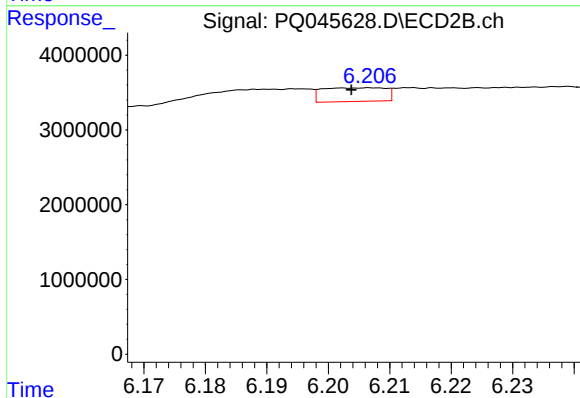
R.T.: 6.038 min
Delta R.T.: 0.024 min
Response: 632861
Conc: 12.43 ng/ml



#15 AR-1232-5

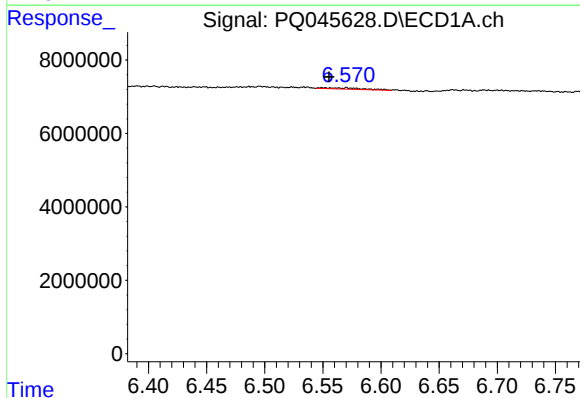
R.T.: 6.868 min
Delta R.T.: 0.017 min
Response: 720506
Conc: 13.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



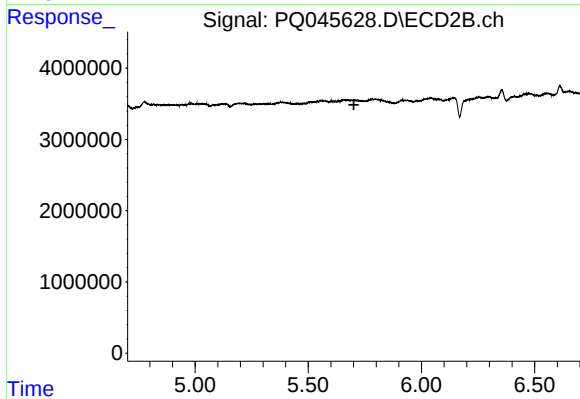
#15 AR-1232-5

R.T.: 6.207 min
Delta R.T.: 0.003 min
Response: 1306205
Conc: 25.20 ng/ml



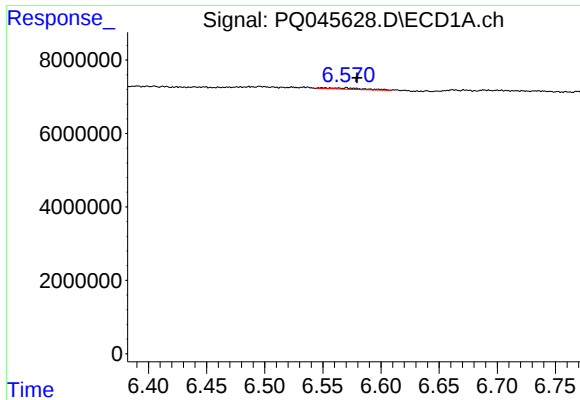
#16 AR-1242-1

R.T.: 6.549 min
Delta R.T.: -0.006 min
Response: 832131
Conc: 4.06 ng/ml



#16 AR-1242-1

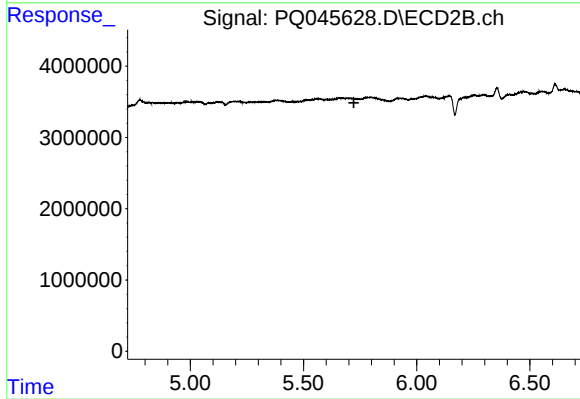
R.T.: 0.000 min
Exp R.T.: 5.701 min
Response: 0
Conc: N.D.



#17 AR-1242-2

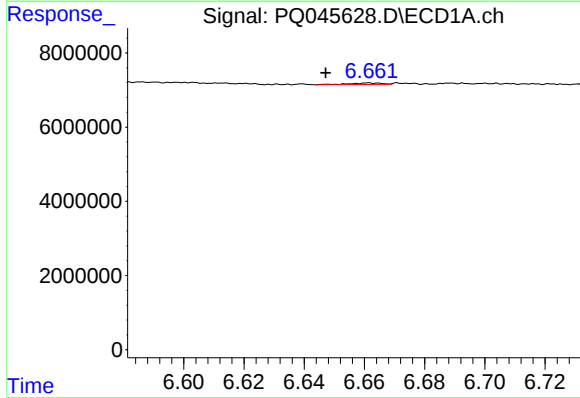
R.T.: 6.549 min
Delta R.T.: -0.030 min
Response: 832131
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



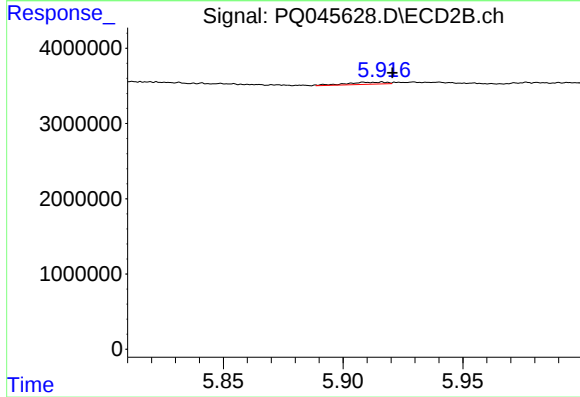
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.722 min
Response: 0
Conc: N.D.



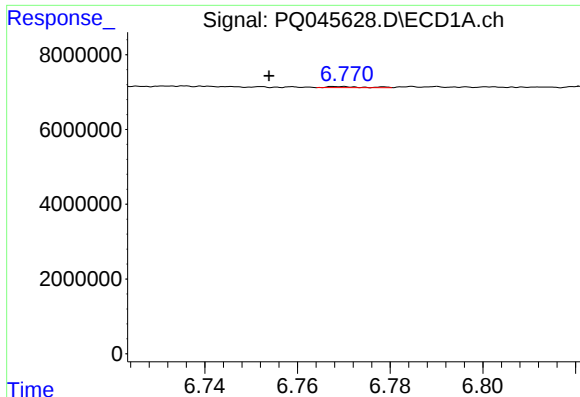
#18 AR-1242-3

R.T.: 6.662 min
Delta R.T.: 0.015 min
Response: 309088
Conc: 1.72 ng/ml



#18 AR-1242-3

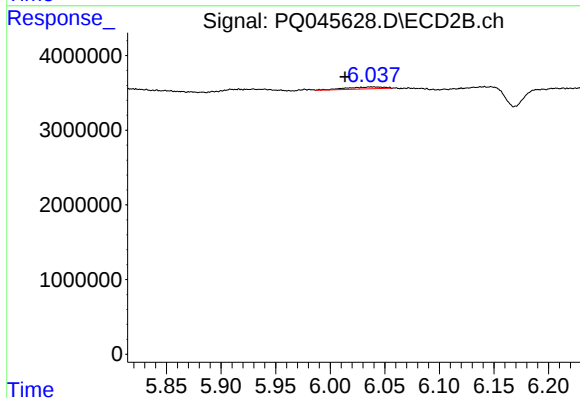
R.T.: 5.916 min
Delta R.T.: -0.004 min
Response: 320448
Conc: 2.92 ng/ml



#19 AR-1242-4

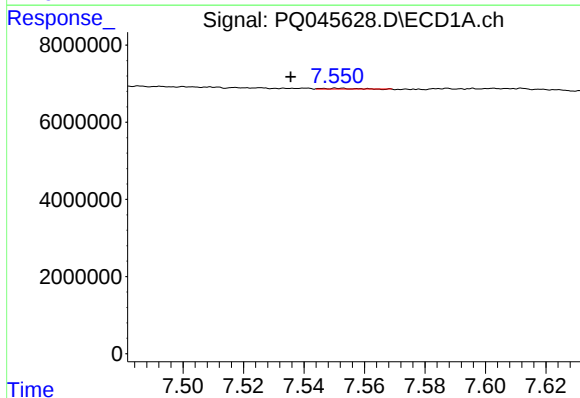
R.T.: 6.769 min
Delta R.T.: 0.015 min
Response: 132333
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



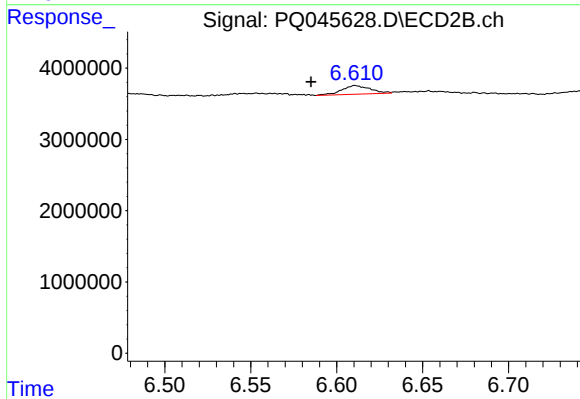
#19 AR-1242-4

R.T.: 6.038 min
Delta R.T.: 0.024 min
Response: 632861
Conc: 5.48 ng/ml



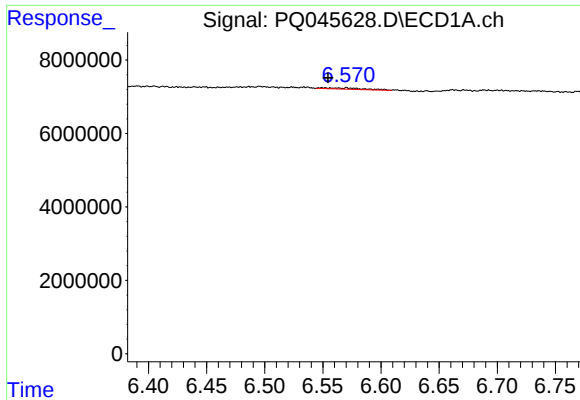
#20 AR-1242-5

R.T.: 7.552 min
Delta R.T.: 0.016 min
Response: 114008
Conc: 0.63 ng/ml



#20 AR-1242-5

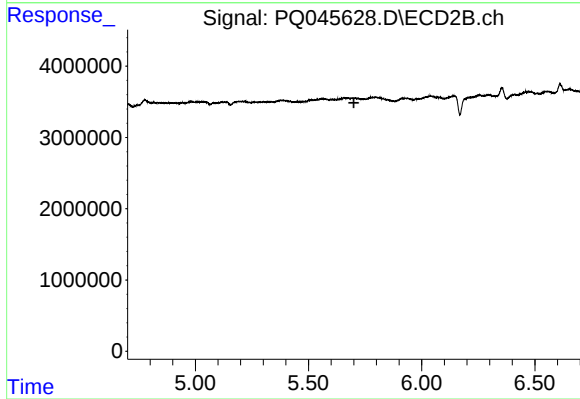
R.T.: 6.611 min
Delta R.T.: 0.026 min
Response: 1409663
Conc: 10.06 ng/ml



#21 AR-1248-1

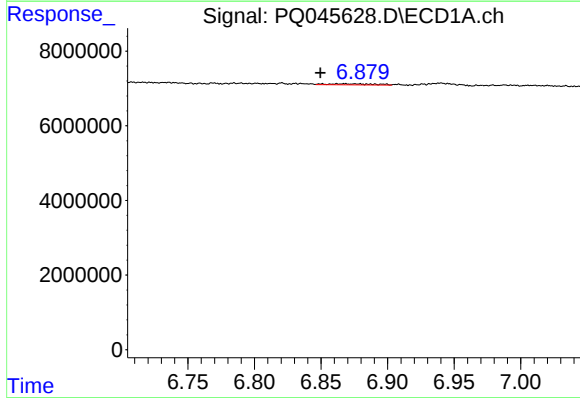
R.T.: 6.549 min
Delta R.T.: -0.005 min
Response: 832131
Conc: 5.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



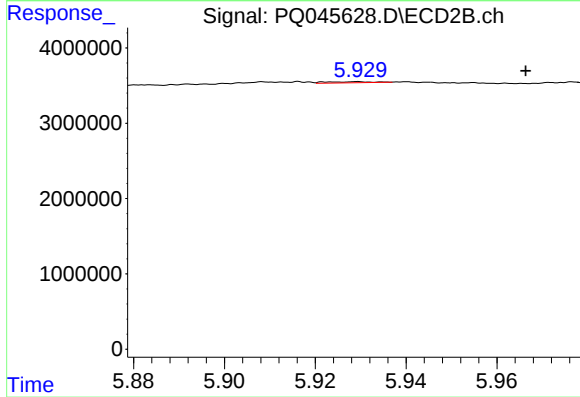
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.701 min
Response: 0
Conc: N.D.



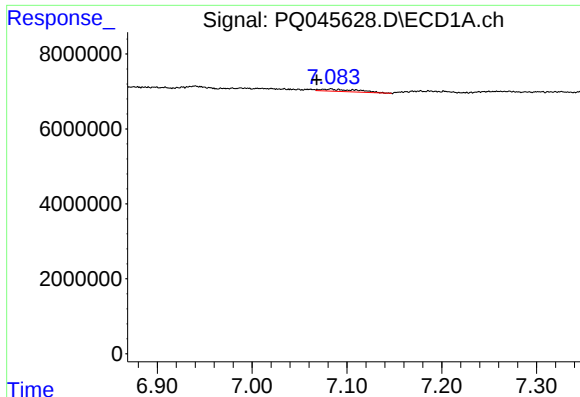
#22 AR-1248-2

R.T.: 6.868 min
Delta R.T.: 0.019 min
Response: 720506
Conc: 3.15 ng/ml



#22 AR-1248-2

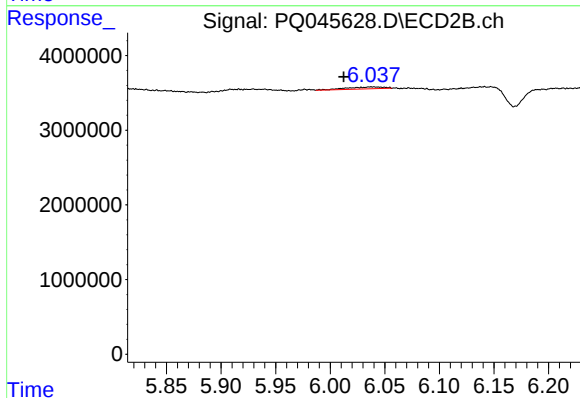
R.T.: 5.930 min
Delta R.T.: -0.037 min
Response: 93545
Conc: 0.56 ng/ml



#23 AR-1248-3

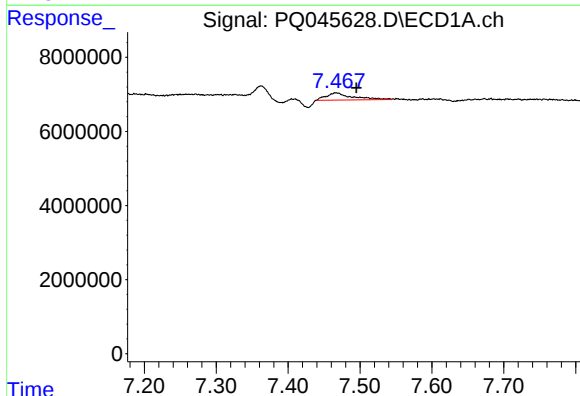
R.T.: 7.083 min
Delta R.T.: 0.015 min
Response: 1590523
Conc: 6.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



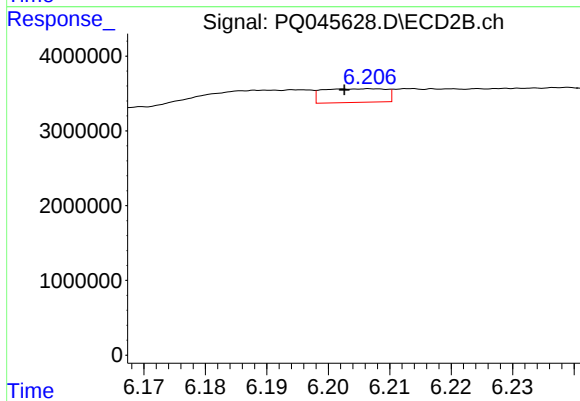
#23 AR-1248-3

R.T.: 6.038 min
Delta R.T.: 0.025 min
Response: 632861
Conc: 3.65 ng/ml



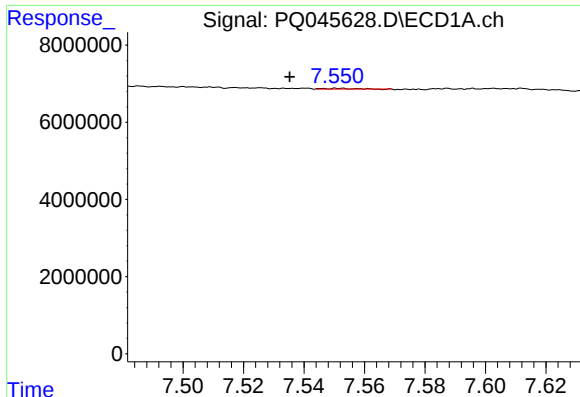
#24 AR-1248-4

R.T.: 7.466 min
Delta R.T.: -0.028 min
Response: 5023662
Conc: 15.42 ng/ml



#24 AR-1248-4

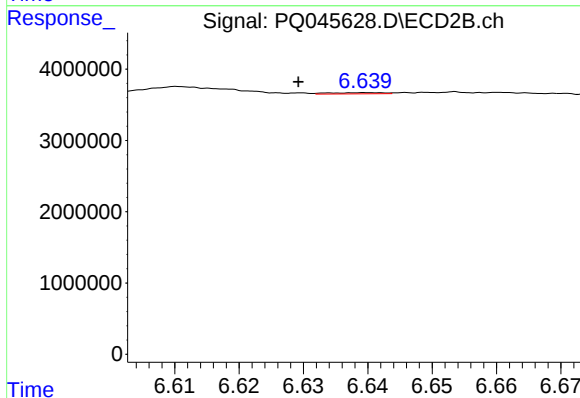
R.T.: 6.207 min
Delta R.T.: 0.004 min
Response: 1306205
Conc: 6.40 ng/ml



#25 AR-1248-5

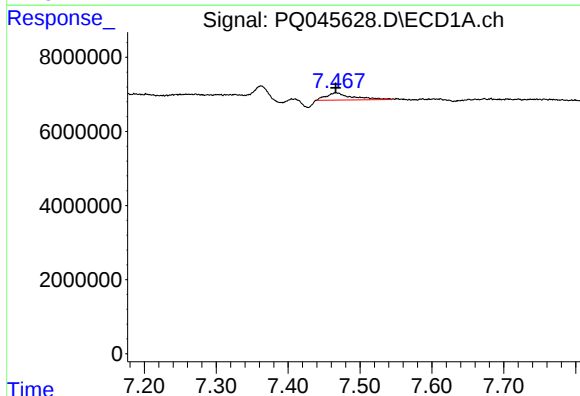
R.T.: 7.552 min
Delta R.T.: 0.016 min
Response: 114008
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



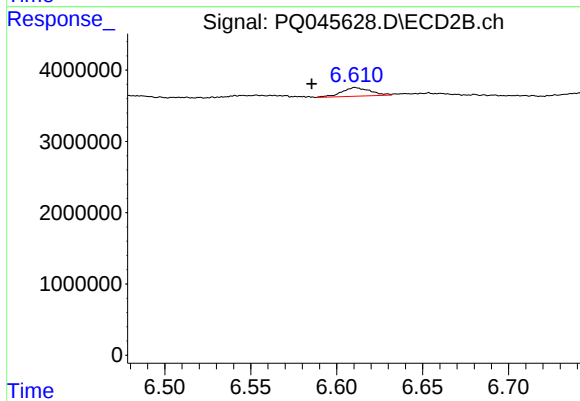
#25 AR-1248-5

R.T.: 6.640 min
Delta R.T.: 0.011 min
Response: 97140
Conc: 0.51 ng/ml



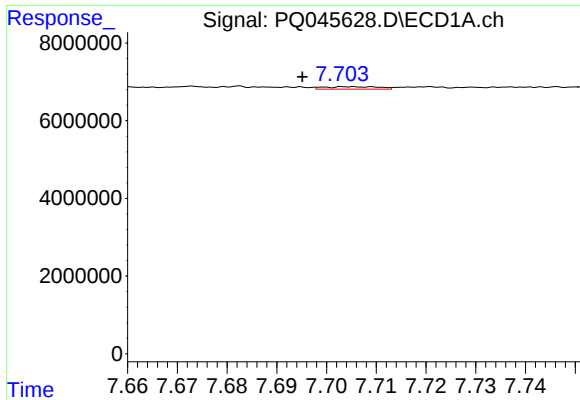
#26 AR-1254-1

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 5023662
Conc: 17.51 ng/ml



#26 AR-1254-1

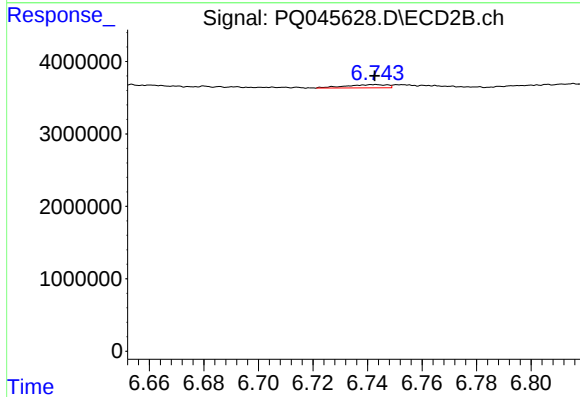
R.T.: 6.611 min
Delta R.T.: 0.025 min
Response: 1409663
Conc: 4.55 ng/ml



#27 AR-1254-2

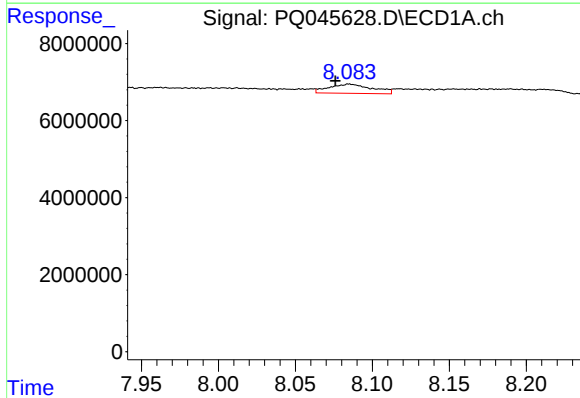
R.T.: 7.705 min
Delta R.T.: 0.010 min
Response: 488228
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



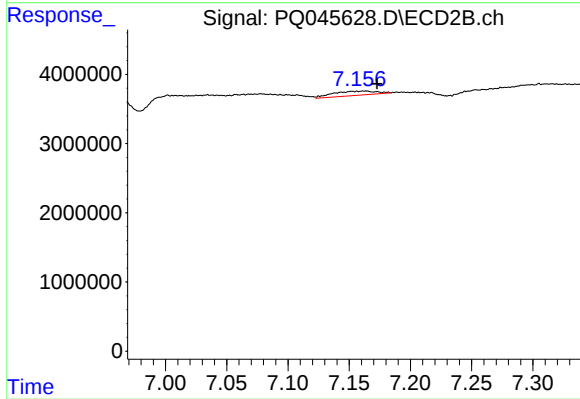
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 474518
Conc: 1.69 ng/ml



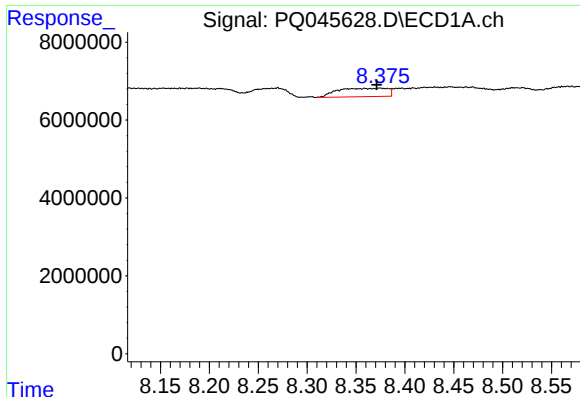
#28 AR-1254-3

R.T.: 8.085 min
Delta R.T.: 0.009 min
Response: 4707317
Conc: 8.87 ng/ml



#28 AR-1254-3

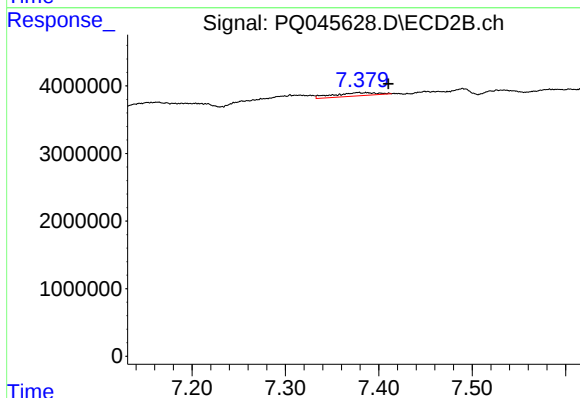
R.T.: 7.164 min
Delta R.T.: -0.009 min
Response: 1517778
Conc: 3.27 ng/ml



#29 AR-1254-4

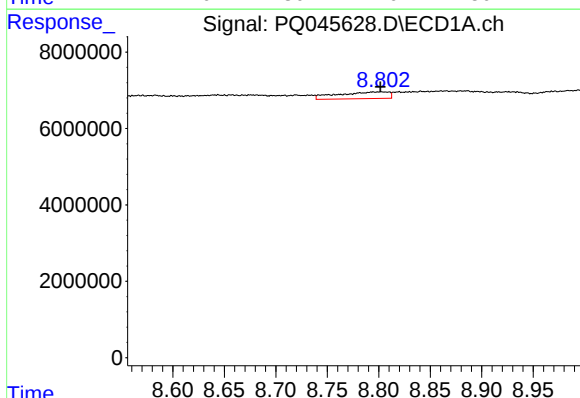
R.T.: 8.374 min
Delta R.T.: 0.003 min
Response: 7672421
Conc: 17.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



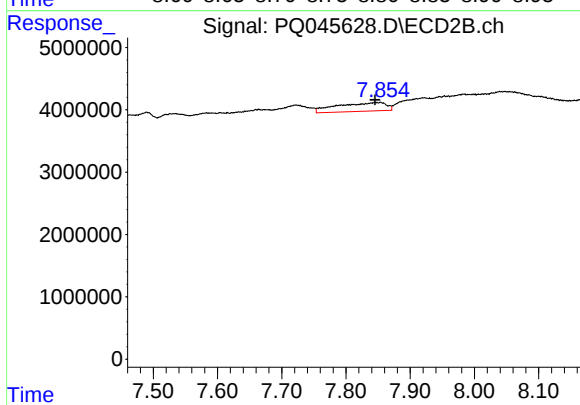
#29 AR-1254-4

R.T.: 7.378 min
Delta R.T.: -0.032 min
Response: 1557999
Conc: 5.76 ng/ml



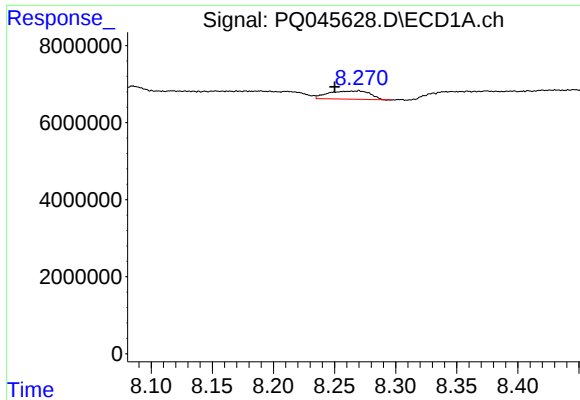
#30 AR-1254-5

R.T.: 8.802 min
Delta R.T.: 0.000 min
Response: 6027067
Conc: 12.55 ng/ml



#30 AR-1254-5

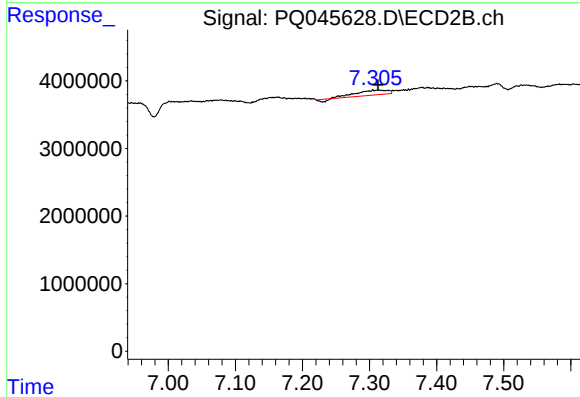
R.T.: 7.854 min
Delta R.T.: 0.009 min
Response: 7343041
Conc: 18.16 ng/ml



#31 AR-1260-1

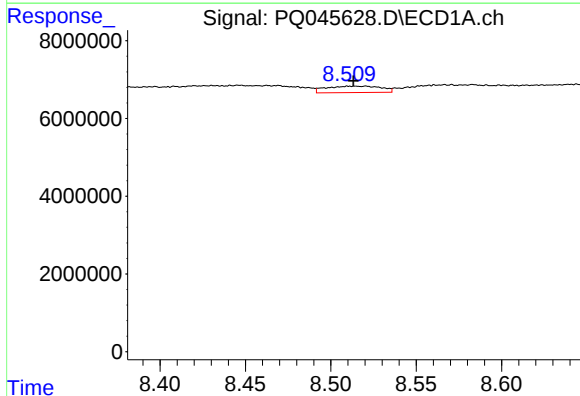
R.T.: 8.270 min
Delta R.T.: 0.020 min
Response: 5073138
Conc: 13.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



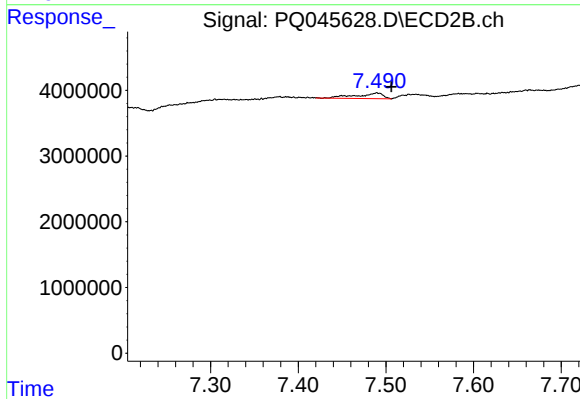
#31 AR-1260-1

R.T.: 7.305 min
Delta R.T.: -0.007 min
Response: 2203219
Conc: 8.03 ng/ml



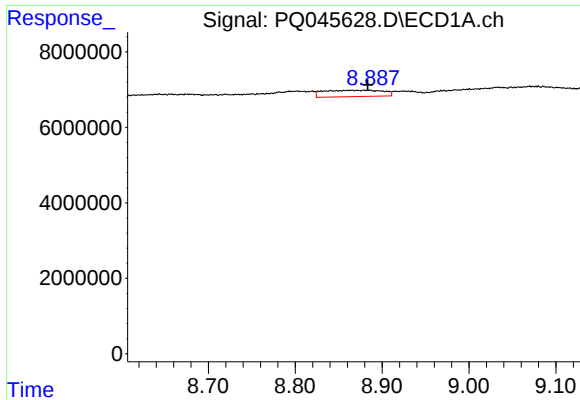
#32 AR-1260-2

R.T.: 8.520 min
Delta R.T.: 0.007 min
Response: 3671349
Conc: 7.76 ng/ml



#32 AR-1260-2

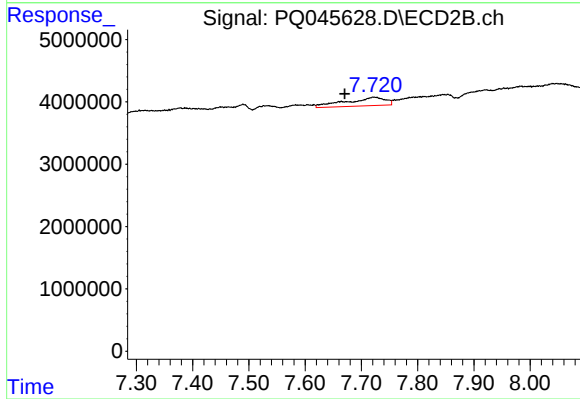
R.T.: 7.490 min
Delta R.T.: -0.017 min
Response: 1821129
Conc: 5.67 ng/ml



#33 AR-1260-3

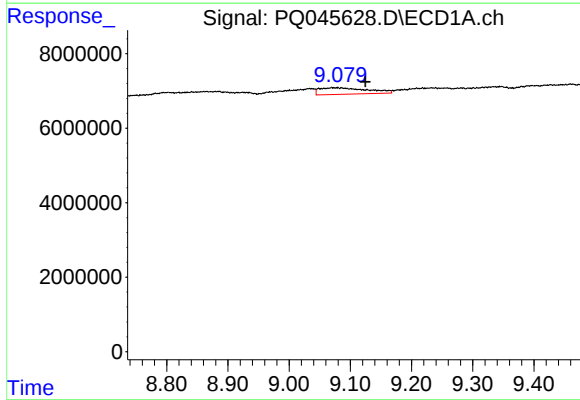
R.T.: 8.865 min
Delta R.T.: -0.018 min
Response: 7939108
Conc: 19.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



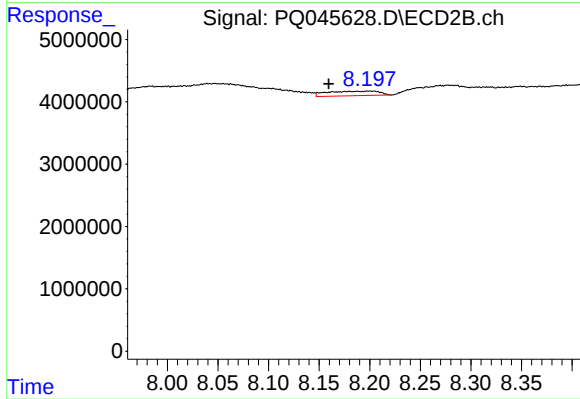
#33 AR-1260-3

R.T.: 7.722 min
Delta R.T.: 0.051 min
Response: 6542525
Conc: 21.39 ng/ml



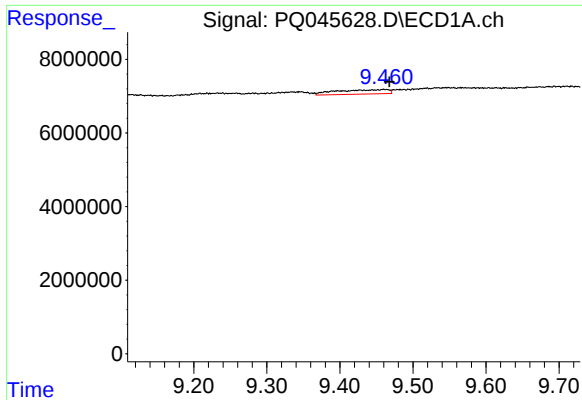
#34 AR-1260-4

R.T.: 9.077 min
Delta R.T.: -0.048 min
Response: 9446834
Conc: 20.46 ng/ml



#34 AR-1260-4

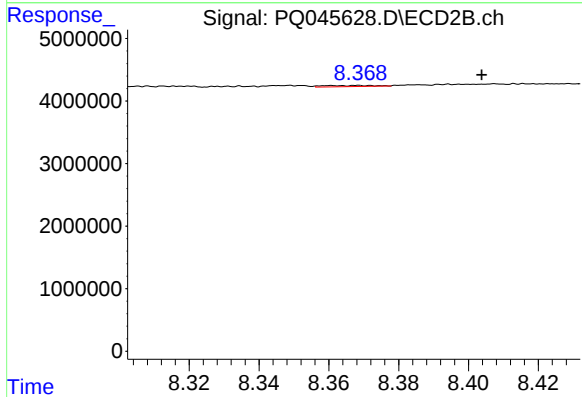
R.T.: 8.199 min
Delta R.T.: 0.040 min
Response: 2617339
Conc: 9.78 ng/ml



#35 AR-1260-5

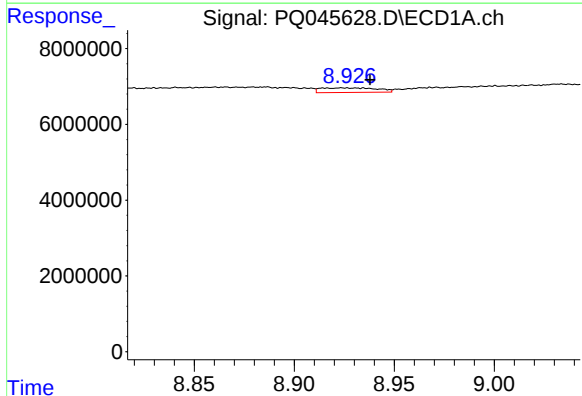
R.T.: 9.461 min
Delta R.T.: -0.007 min
Response: 5896632
Conc: 5.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



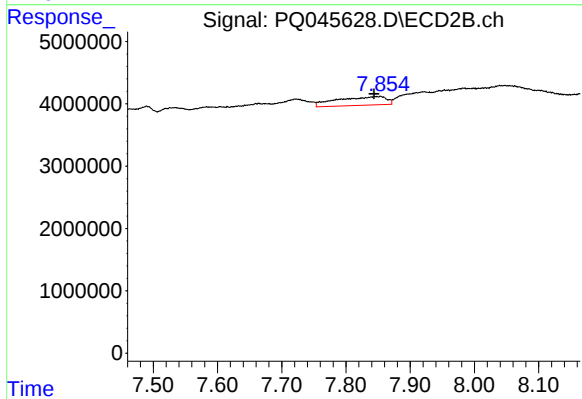
#35 AR-1260-5

R.T.: 8.369 min
Delta R.T.: -0.035 min
Response: 162801
Conc: 0.24 ng/ml



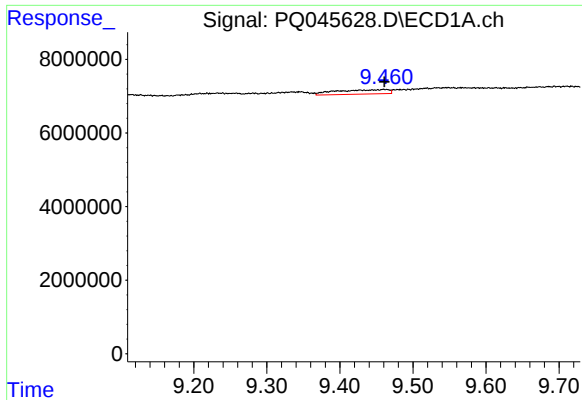
#36 AR-1262-1

R.T.: 8.925 min
Delta R.T.: -0.012 min
Response: 2358825
Conc: 8.21 ng/ml



#36 AR-1262-1

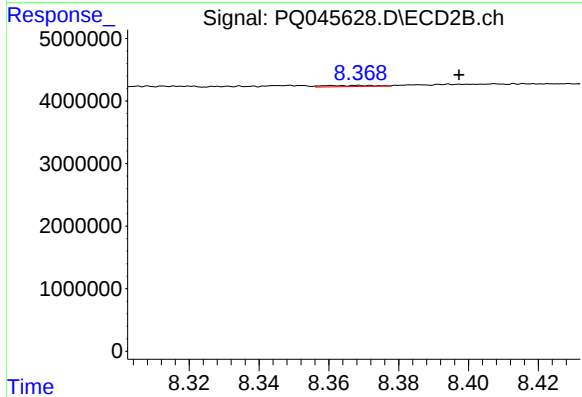
R.T.: 7.854 min
Delta R.T.: 0.010 min
Response: 7343041
Conc: 28.29 ng/ml



#37 AR-1262-2

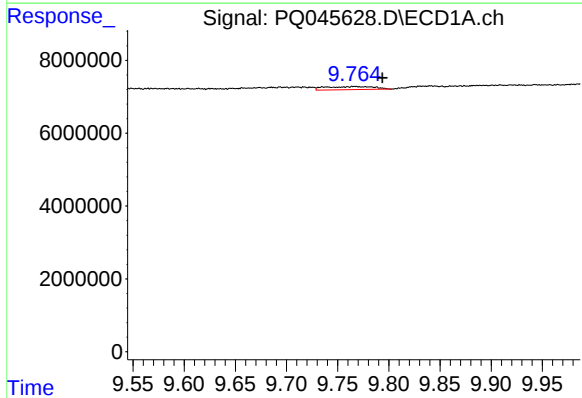
R.T.: 9.461 min
Delta R.T.: 0.000 min
Response: 5896632
Conc: 3.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



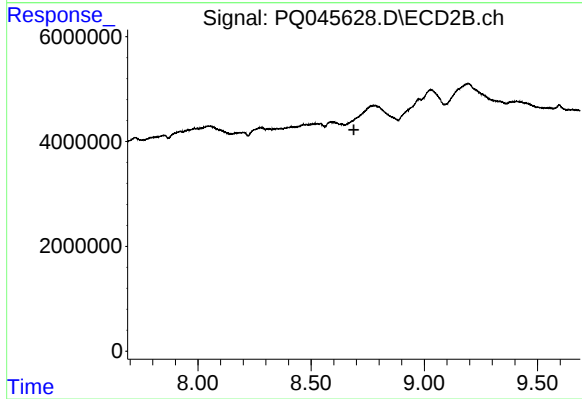
#37 AR-1262-2

R.T.: 8.369 min
Delta R.T.: -0.029 min
Response: 162801
Conc: 0.16 ng/ml



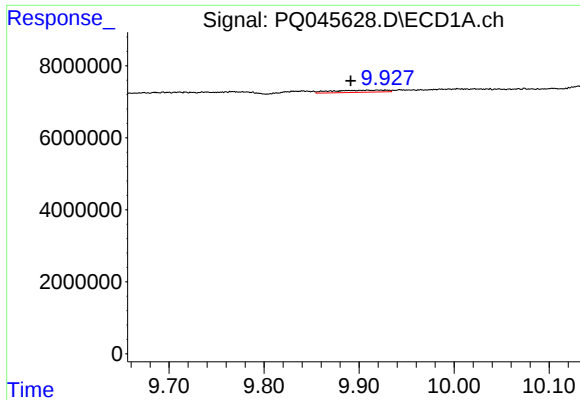
#38 AR-1262-3

R.T.: 9.767 min
Delta R.T.: -0.027 min
Response: 2848941
Conc: 2.71 ng/ml



#38 AR-1262-3

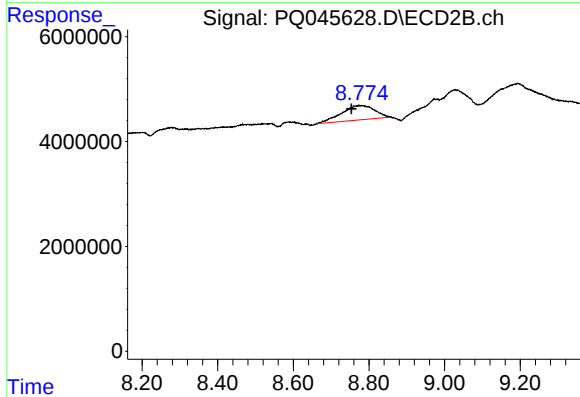
R.T.: 0.000 min
Exp R.T.: 8.689 min
Response: 0
Conc: N.D.



#39 AR-1262-4

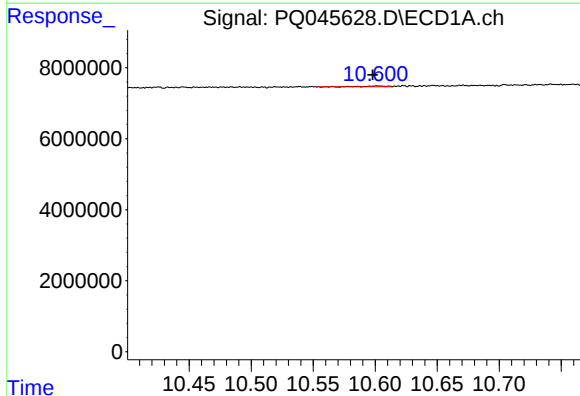
R.T.: 9.927 min
Delta R.T.: 0.036 min
Response: 2349324
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



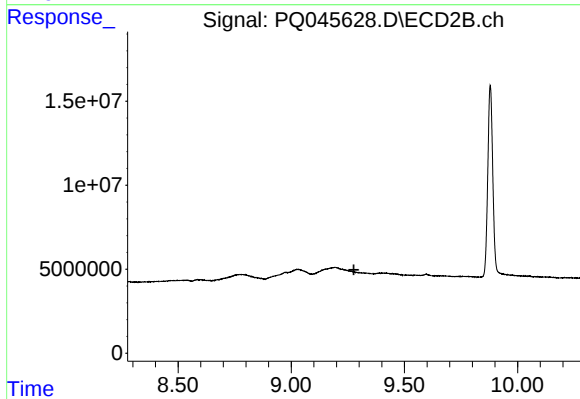
#39 AR-1262-4

R.T.: 8.774 min
Delta R.T.: 0.020 min
Response: 16835186
Conc: 20.97 ng/ml



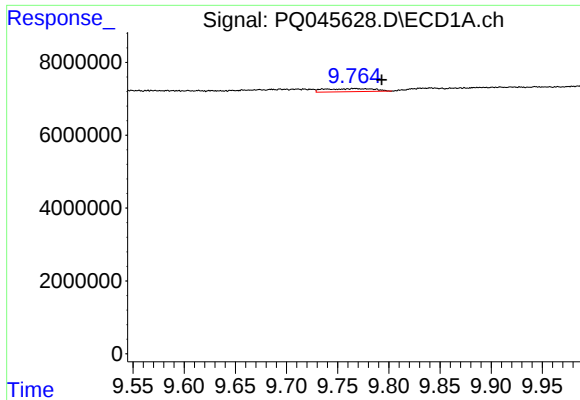
#40 AR-1262-5

R.T.: 10.601 min
Delta R.T.: 0.003 min
Response: 266130
Conc: 0.39 ng/ml



#40 AR-1262-5

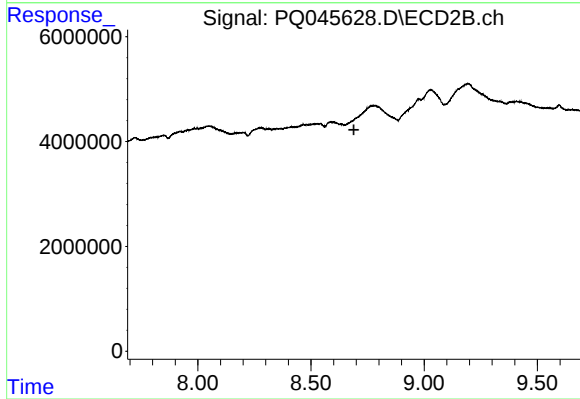
R.T.: 0.000 min
Exp R.T.: 9.277 min
Response: 0
Conc: N.D.



#41 AR-1268-1

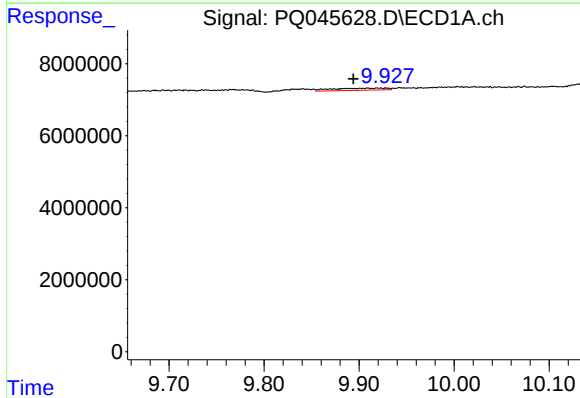
R.T.: 9.767 min
Delta R.T.: -0.026 min
Response: 2848941
Conc: 1.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



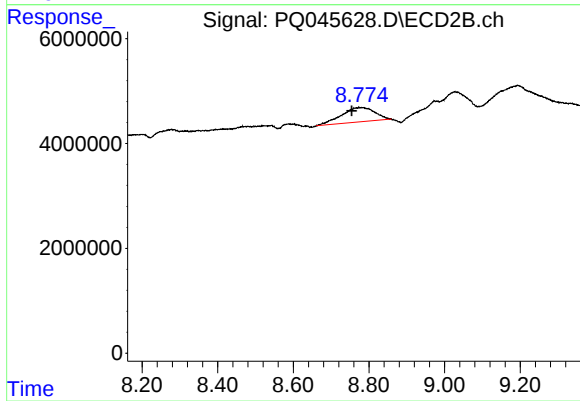
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.689 min
Response: 0
Conc: N.D.



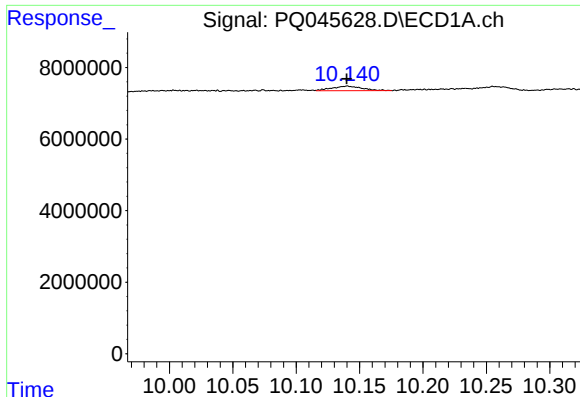
#42 AR-1268-2

R.T.: 9.927 min
Delta R.T.: 0.033 min
Response: 2349324
Conc: 1.42 ng/ml



#42 AR-1268-2

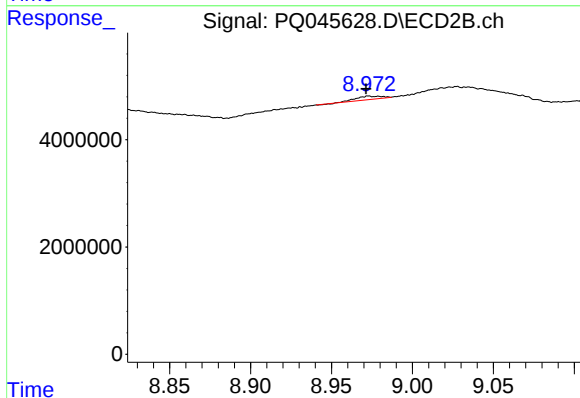
R.T.: 8.774 min
Delta R.T.: 0.020 min
Response: 16835186
Conc: 17.00 ng/ml



#43 AR-1268-3

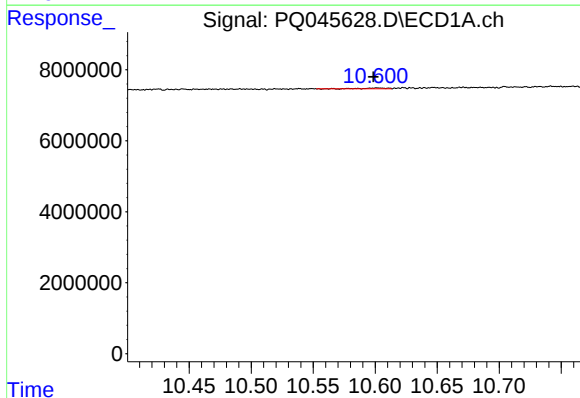
R.T.: 10.140 min
Delta R.T.: 0.000 min
Response: 2082113
Conc: 1.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



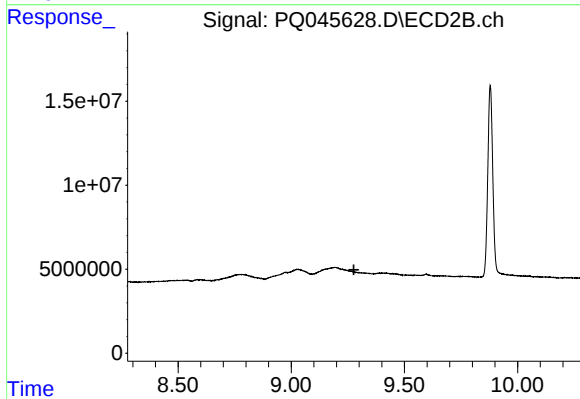
#43 AR-1268-3

R.T.: 8.973 min
Delta R.T.: 0.002 min
Response: 662614
Conc: 0.84 ng/ml



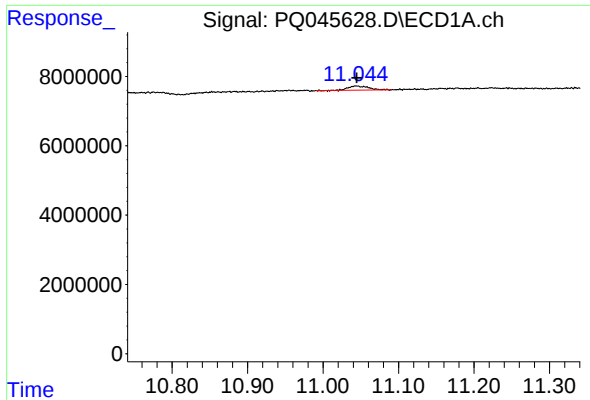
#44 AR-1268-4

R.T.: 10.601 min
Delta R.T.: 0.003 min
Response: 266130
Conc: 0.40 ng/ml



#44 AR-1268-4

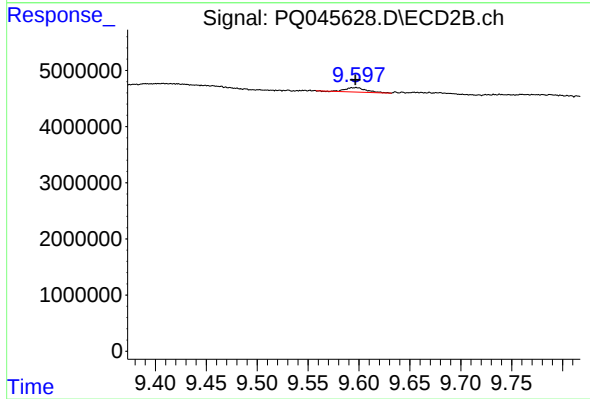
R.T.: 0.000 min
Exp R.T.: 9.277 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.044 min
Delta R.T.: 0.000 min
Response: 2238275
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.597 min
Delta R.T.: 0.000 min
Response: 1144561
Conc: 0.43 ng/ml