

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040323\
 Data File : PQ060782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2023 17:47
 Operator : YP\AJ
 Sample : PB151855BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 21:52:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.406	2.764	160.6E6	68684988	20.455	17.474
2)	SA Decachlor...	8.584	7.542	99923239	54432254	17.707	11.550 #
Target Compounds							
3)	L1 AR-1016-1	4.470f	3.776	707474	53739	2.543	0.375 #
4)	L1 AR-1016-2	0.000	3.783	0	52803	N.D.	0.251 #
5)	L1 AR-1016-3	0.000	3.947	0	70051	N.D.	0.632 #
6)	L1 AR-1016-4	0.000	4.000	0	141758	N.D.	1.505 #
7)	L1 AR-1016-5	4.976	4.192	1275646	213150	5.732	1.808 #
8)	L2 AR-1221-1	3.617	2.960	113611	156997	1.139	3.225 #
9)	L2 AR-1221-2	3.684	3.032	3607127	1339986	47.906	36.072
10)	L2 AR-1221-3	3.750	3.118	1615623	94959	7.263	0.836 #
11)	L3 AR-1232-1	3.750	3.118	1615623	94959	9.453	1.097 #
12)	L3 AR-1232-2	4.240	3.783	98041	52803	0.989	0.556 #
13)	L3 AR-1232-3	0.000	3.947	0	70051	N.D.	1.404 #
14)	L3 AR-1232-4	0.000	4.031	0	136653	N.D.	3.209 #
15)	L3 AR-1232-5	0.000	4.192	0	213150	N.D.	4.145 #
16)	L4 AR-1242-1	4.470f	3.776	707474	53739	3.340	0.482 #
17)	L4 AR-1242-2	0.000	3.783	0	52803	N.D.	0.326 #
18)	L4 AR-1242-3	0.000	3.947	0	70051	N.D.	0.828 #
19)	L4 AR-1242-4	0.000	4.031	0	136653	N.D.	1.650 #
21)	L5 AR-1248-1	4.470f	3.776	707474	53739	4.191	0.609 #
22)	L5 AR-1248-2	0.000	4.000	0	141758	N.D.	1.087 #
23)	L5 AR-1248-3	4.976	4.031	1275646	136653	4.552	1.088 #
24)	L5 AR-1248-4	5.400f	4.192	-113350	213150	N.D.	1.368 #
27)	L6 AR-1254-2	5.533	4.636f	1594102	40073	3.236	0.191 #
28)	L6 AR-1254-3	5.878	0.000	1862150	0	3.683	N.D. #
29)	L6 AR-1254-4	0.000	5.299	0	60387	N.D.	0.288 #
30)	L6 AR-1254-5	6.586	5.704	486626	150539	1.151	0.460 #
31)	L7 AR-1260-1	6.078	5.182	121220	24543	0.315	0.106 #
32)	L7 AR-1260-2	6.319	5.400	1013248	413562	2.212	1.443 #
33)	L7 AR-1260-3	6.660	5.524	2146818	2143399	7.415	7.863
34)	L7 AR-1260-4	0.000	5.958	0	570200	N.D.	2.820 #
35)	L7 AR-1260-5	7.183	0.000	1351335	0	2.068	N.D. #
36)	L8 AR-1262-1	6.660	5.718	2146818	457623	4.511	1.441 #
37)	L8 AR-1262-2	7.183	0.000	1351335	0	1.729	N.D. #
38)	L8 AR-1262-3	7.462	6.499	1637545	807419	3.111	3.395
39)	L8 AR-1262-4	7.550	6.551	392647	299091	0.953	0.676 #
40)	L8 AR-1262-5	8.077	7.038	618421	613562	2.286	2.901 #
41)	L9 AR-1268-1	7.462	6.499	1637545	807419	1.882	1.201 #
42)	L9 AR-1268-2	7.550	6.551	392647	299091	0.495	0.484
43)	L9 AR-1268-3	7.743	6.758	1074144	305232	1.619	0.563 #
44)	L9 AR-1268-4	8.077	7.038	618421	613562	2.097	2.631 #

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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	8.348	7.320	595194	1036139	0.315	0.593 #

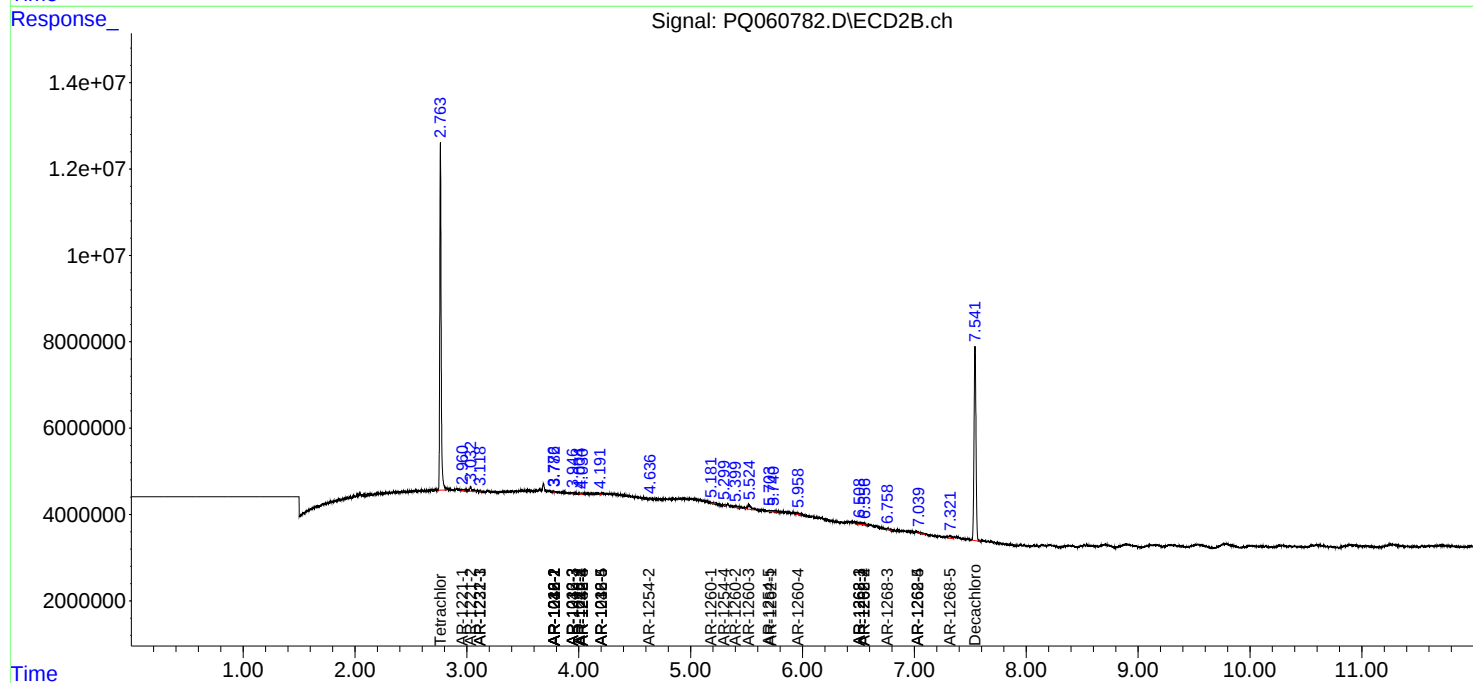
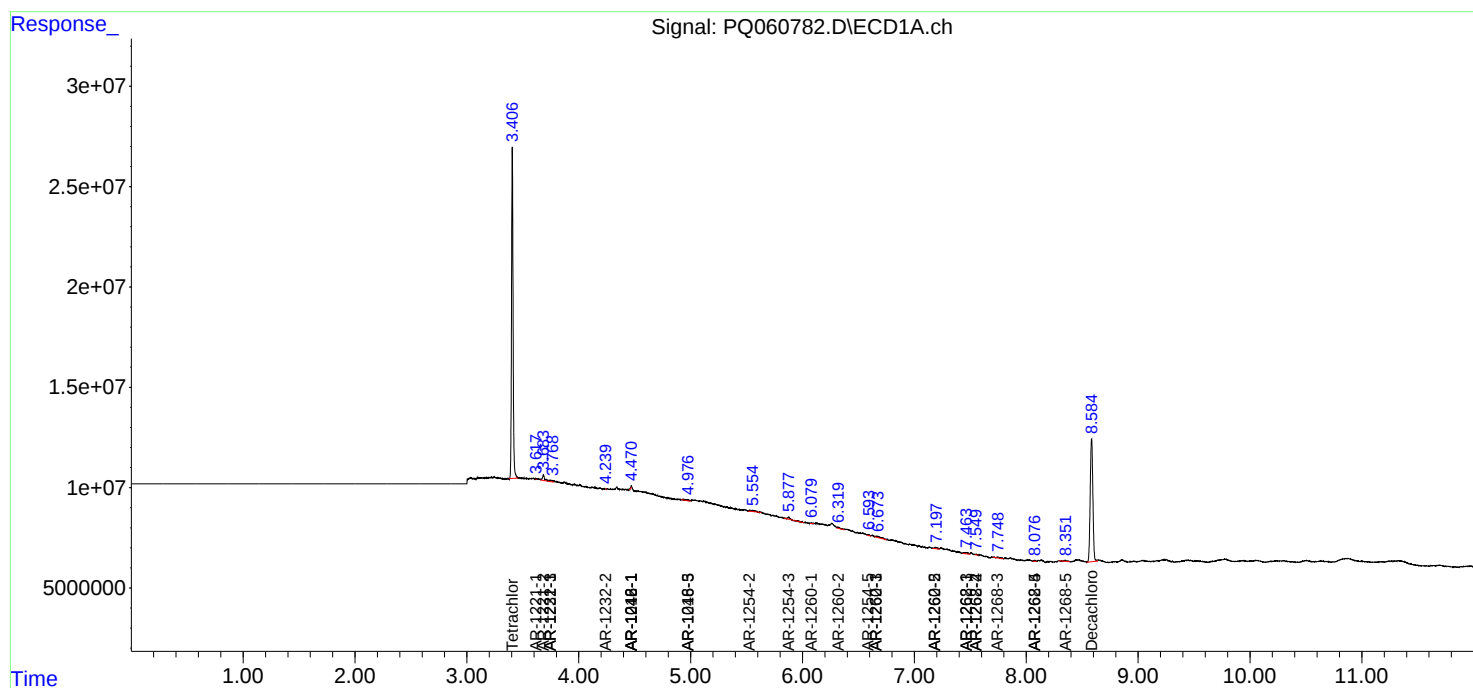
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

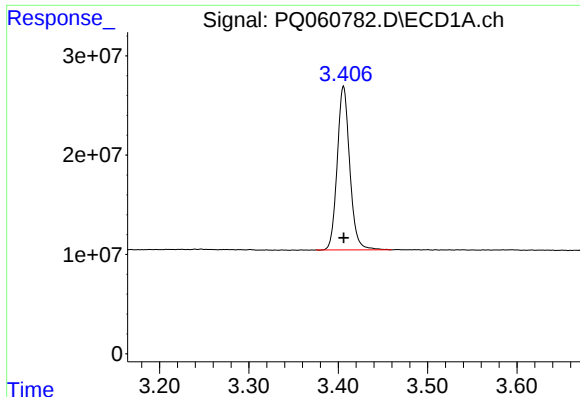
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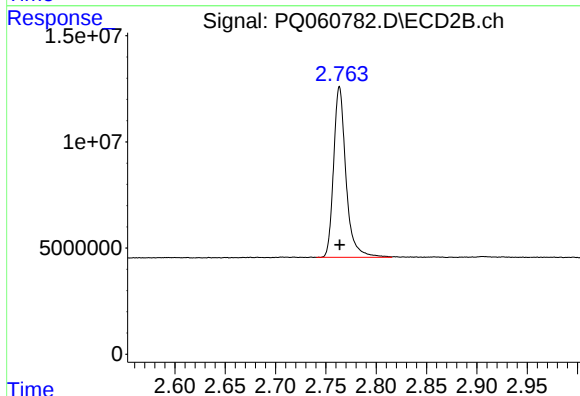




#1 Tetrachloro-m-xylene

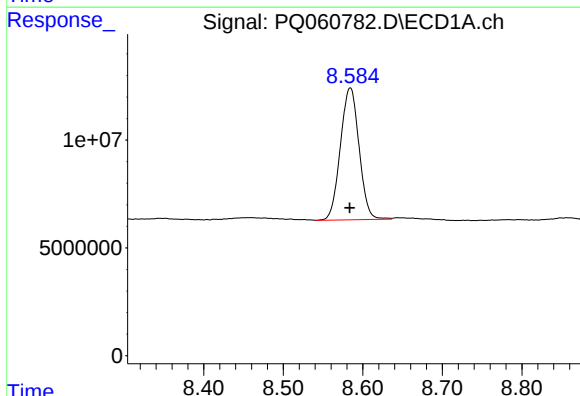
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 160575774
Conc: 20.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



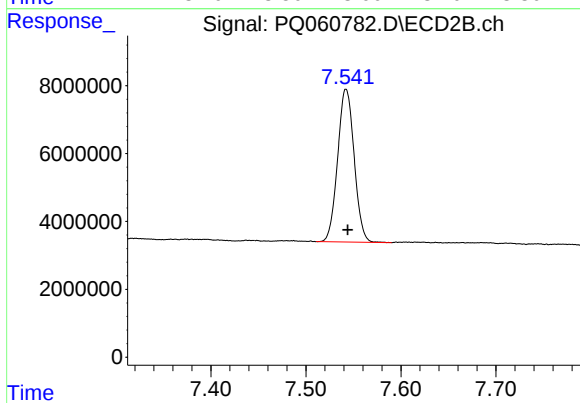
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.000 min
Response: 68684988
Conc: 17.47 ng/ml



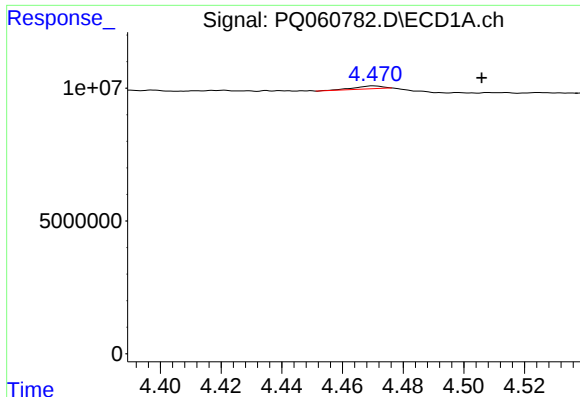
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 99923239
Conc: 17.71 ng/ml



#2 Decachlorobiphenyl

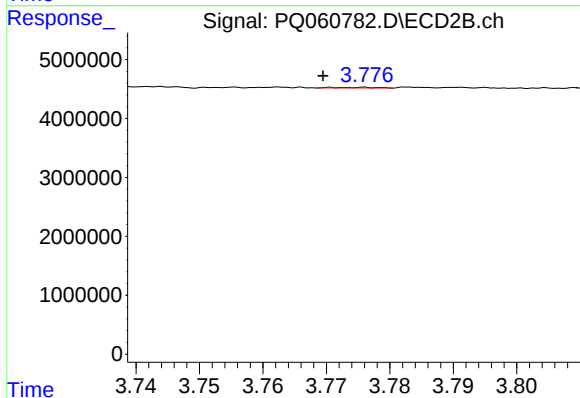
R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 54432254
Conc: 11.55 ng/ml



#3 AR-1016-1

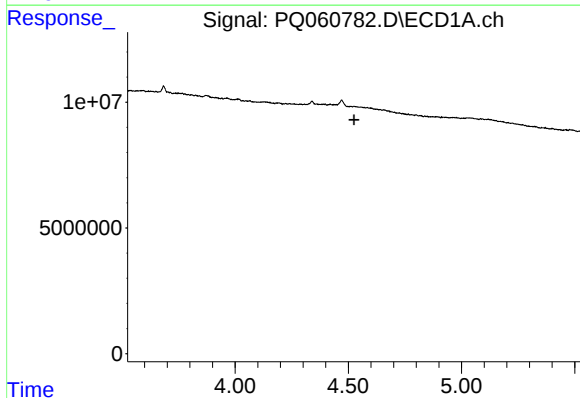
R.T.: 4.470 min
Delta R.T.: -0.036 min
Response: 707474
Conc: 2.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



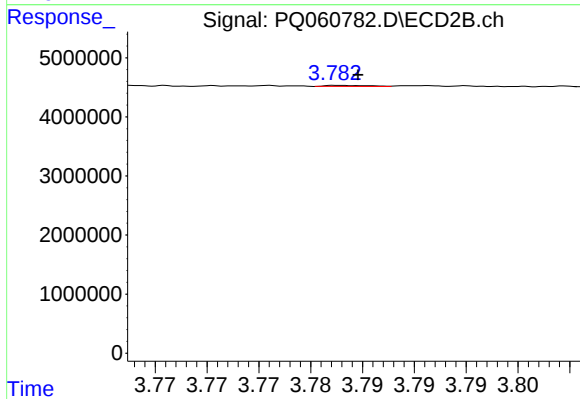
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: 0.007 min
Response: 53739
Conc: 0.38 ng/ml



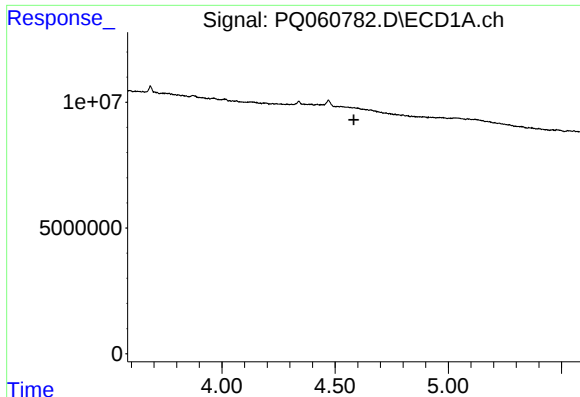
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.525 min
Response: 0
Conc: N.D.



#4 AR-1016-2

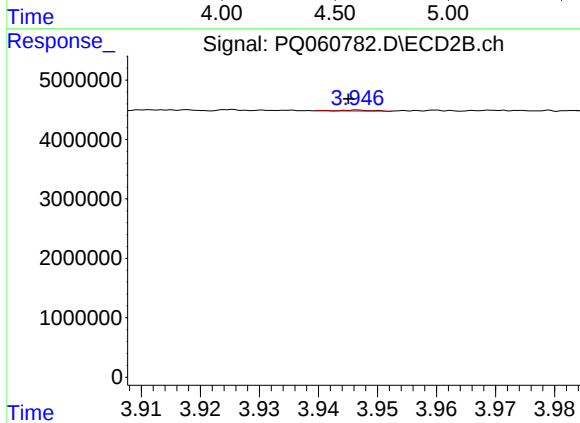
R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 52803
Conc: 0.25 ng/ml



#5 AR-1016-3

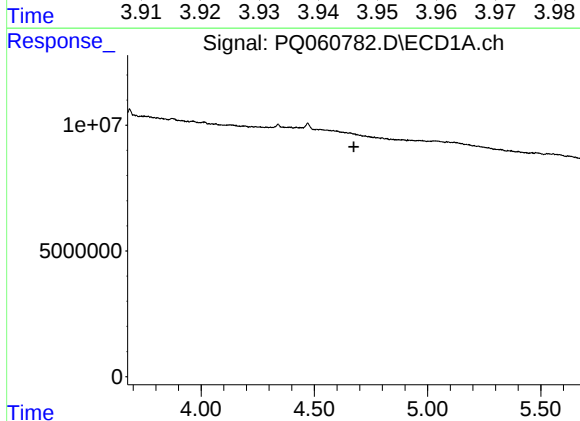
R.T.: 0.000 min
Exp R.T.: 4.583 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



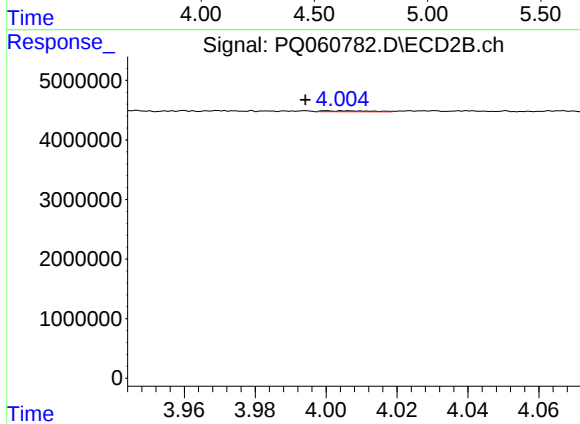
#5 AR-1016-3

R.T.: 3.947 min
Delta R.T.: 0.002 min
Response: 70051
Conc: 0.63 ng/ml



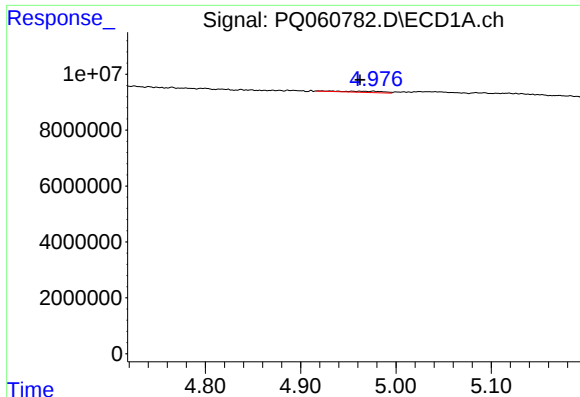
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.



#6 AR-1016-4

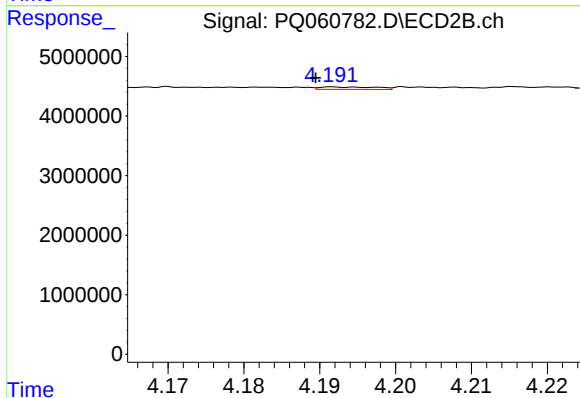
R.T.: 4.000 min
Delta R.T.: 0.006 min
Response: 141758
Conc: 1.50 ng/ml



#7 AR-1016-5

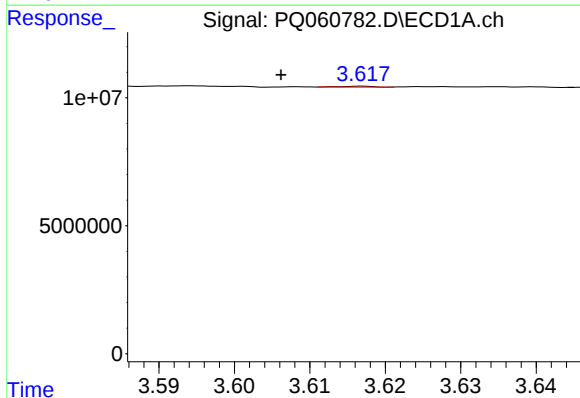
R.T.: 4.976 min
Delta R.T.: 0.014 min
Response: 1275646
Conc: 5.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



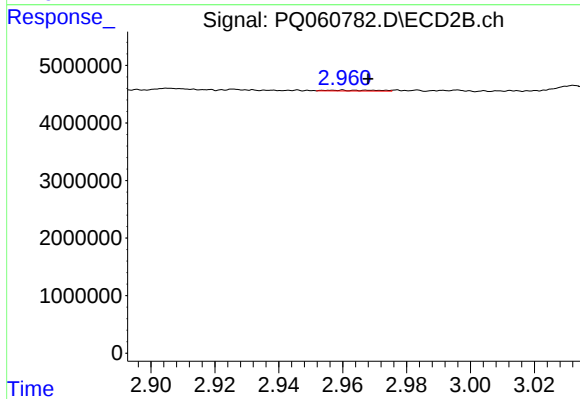
#7 AR-1016-5

R.T.: 4.192 min
Delta R.T.: 0.003 min
Response: 213150
Conc: 1.81 ng/ml



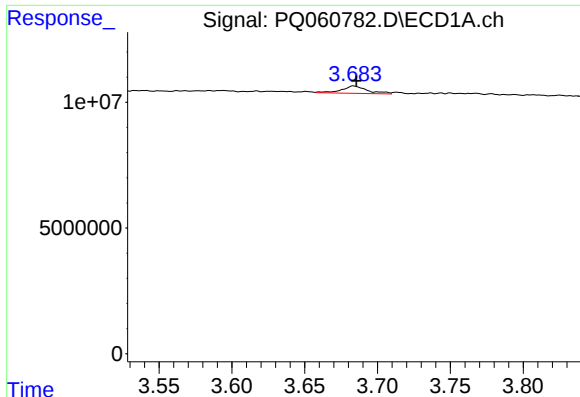
#8 AR-1221-1

R.T.: 3.617 min
Delta R.T.: 0.011 min
Response: 113611
Conc: 1.14 ng/ml



#8 AR-1221-1

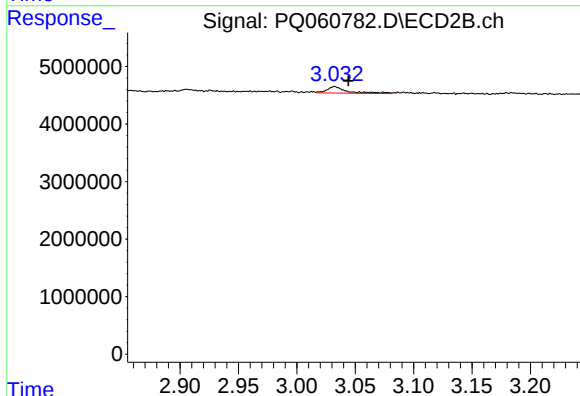
R.T.: 2.960 min
Delta R.T.: -0.008 min
Response: 156997
Conc: 3.22 ng/ml



#9 AR-1221-2

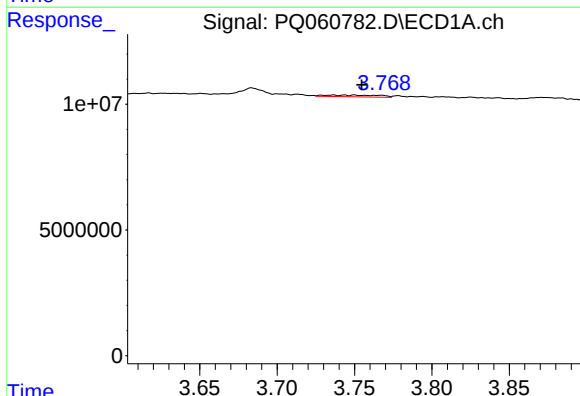
R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 3607127
Conc: 47.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



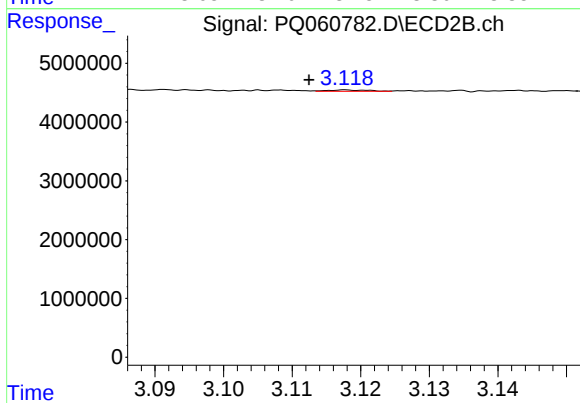
#9 AR-1221-2

R.T.: 3.032 min
Delta R.T.: -0.012 min
Response: 1339986
Conc: 36.07 ng/ml



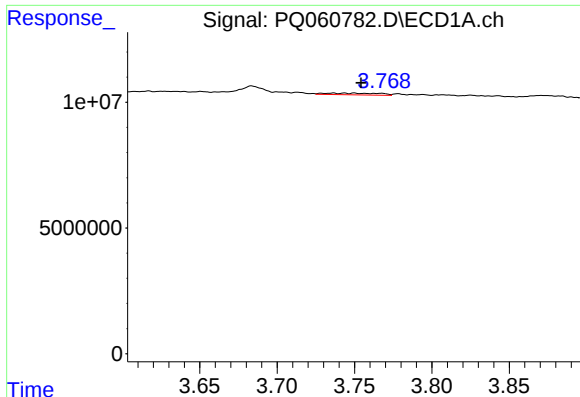
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.005 min
Response: 1615623
Conc: 7.26 ng/ml



#10 AR-1221-3

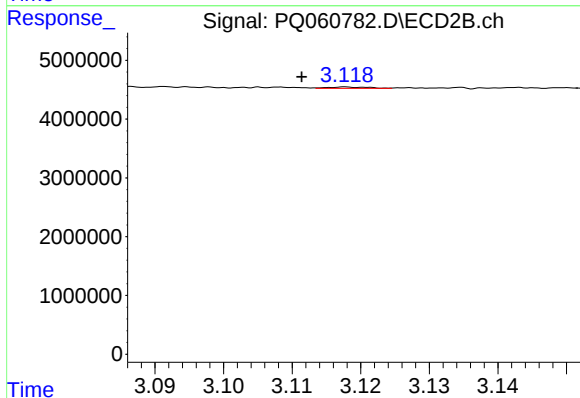
R.T.: 3.118 min
Delta R.T.: 0.005 min
Response: 94959
Conc: 0.84 ng/ml



#11 AR-1232-1

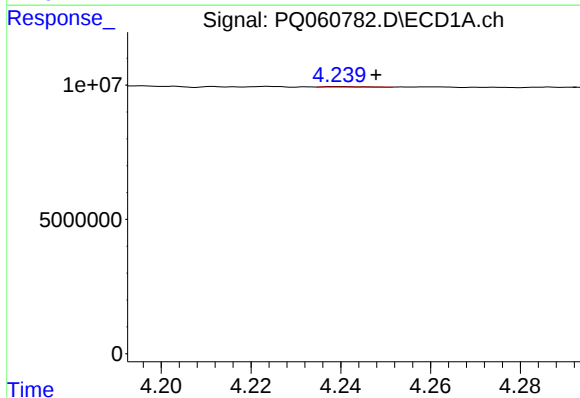
R.T.: 3.750 min
Delta R.T.: -0.004 min
Response: 1615623
Conc: 9.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



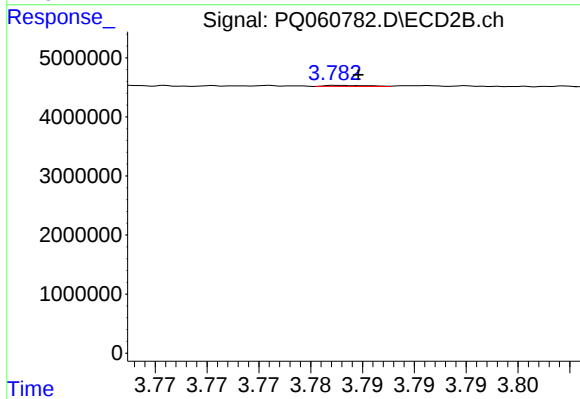
#11 AR-1232-1

R.T.: 3.118 min
Delta R.T.: 0.007 min
Response: 94959
Conc: 1.10 ng/ml



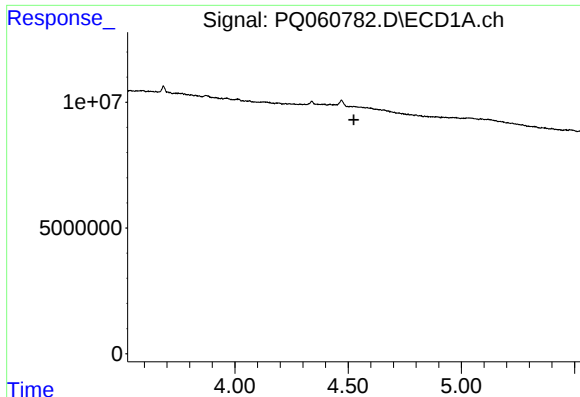
#12 AR-1232-2

R.T.: 4.240 min
Delta R.T.: -0.008 min
Response: 98041
Conc: 0.99 ng/ml



#12 AR-1232-2

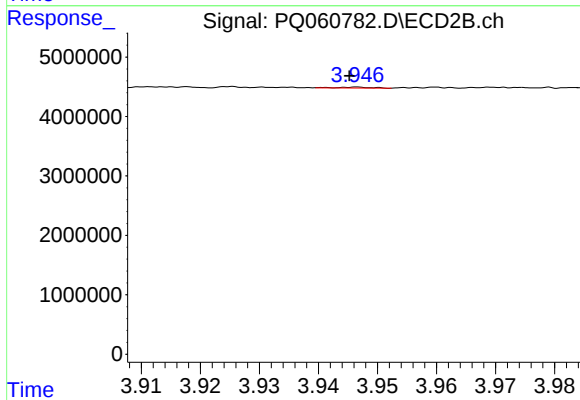
R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 52803
Conc: 0.56 ng/ml



#13 AR-1232-3

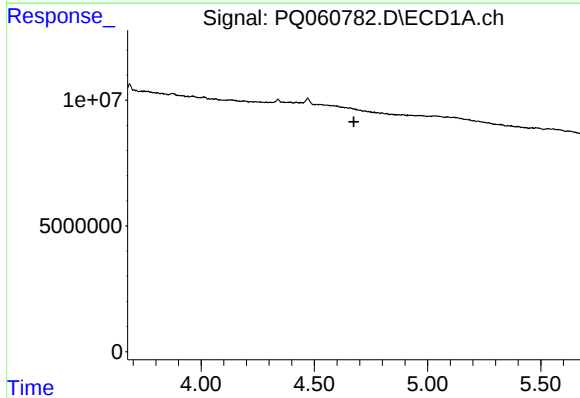
R.T.: 0.000 min
Exp R.T.: 4.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



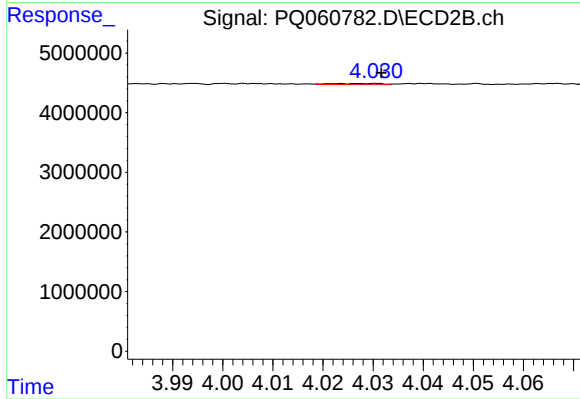
#13 AR-1232-3

R.T.: 3.947 min
Delta R.T.: 0.001 min
Response: 70051
Conc: 1.40 ng/ml



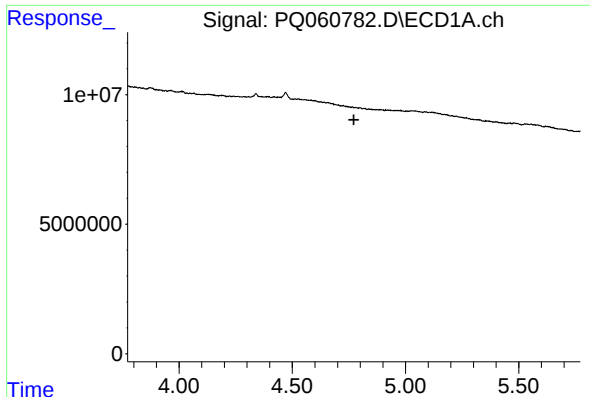
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.



#14 AR-1232-4

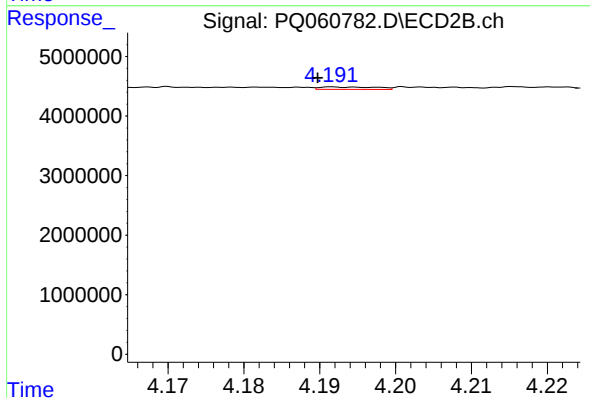
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 136653
Conc: 3.21 ng/ml



#15 AR-1232-5

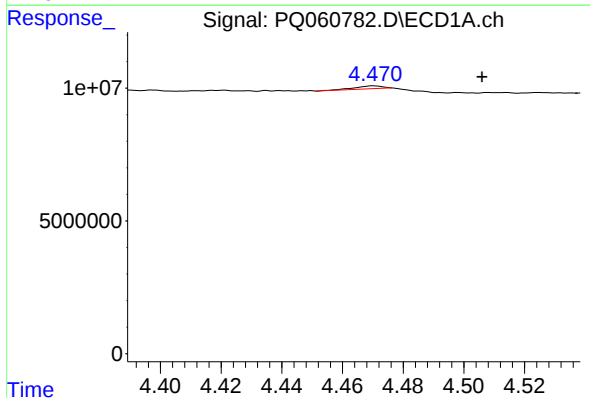
R.T.: 0.000 min
Exp R.T.: 4.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



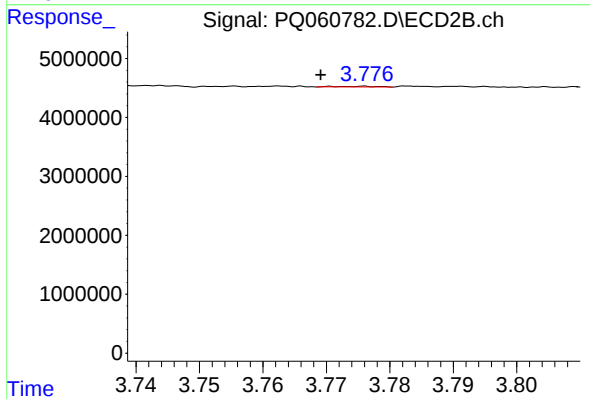
#15 AR-1232-5

R.T.: 4.192 min
Delta R.T.: 0.003 min
Response: 213150
Conc: 4.14 ng/ml



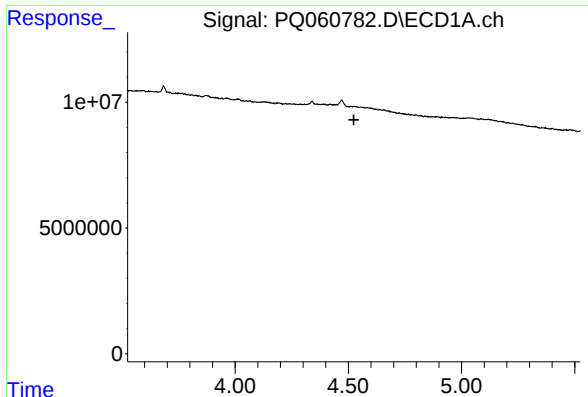
#16 AR-1242-1

R.T.: 4.470 min
Delta R.T.: -0.036 min
Response: 707474
Conc: 3.34 ng/ml



#16 AR-1242-1

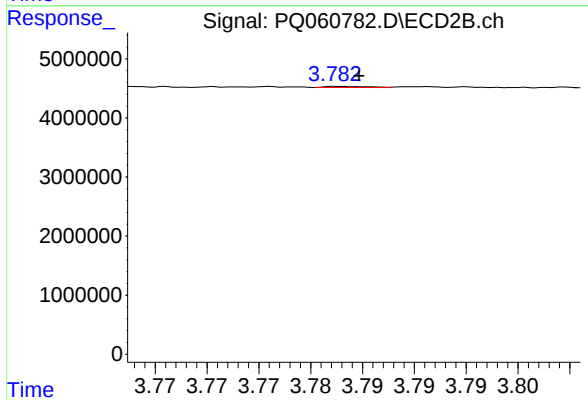
R.T.: 3.776 min
Delta R.T.: 0.007 min
Response: 53739
Conc: 0.48 ng/ml



#17 AR-1242-2

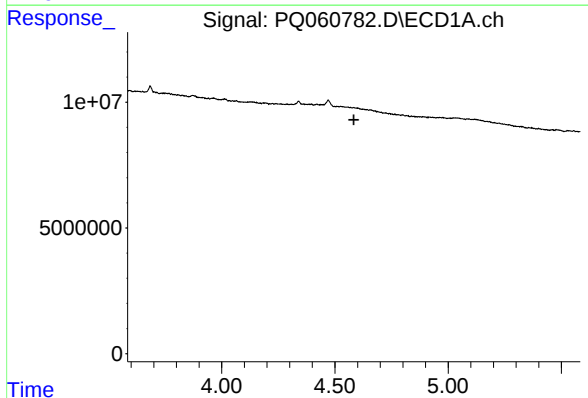
R.T.: 0.000 min
Exp R.T.: 4.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



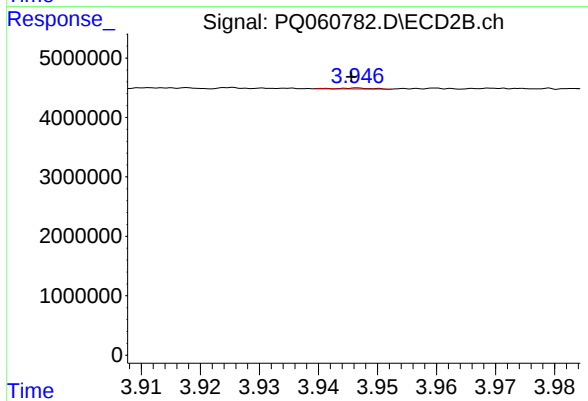
#17 AR-1242-2

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 52803
Conc: 0.33 ng/ml



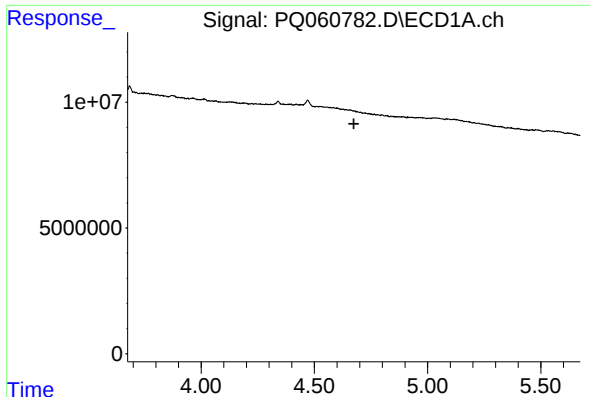
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 4.583 min
Response: 0
Conc: N.D.



#18 AR-1242-3

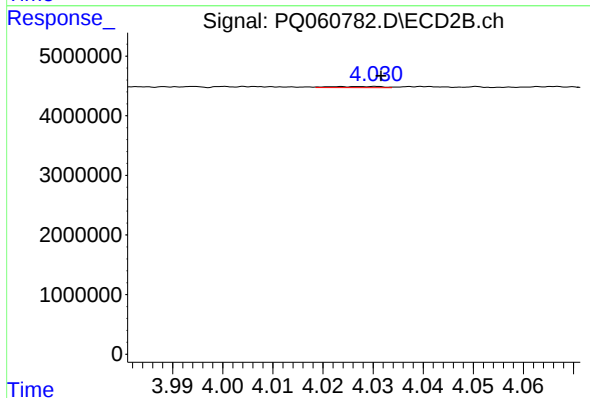
R.T.: 3.947 min
Delta R.T.: 0.001 min
Response: 70051
Conc: 0.83 ng/ml



#19 AR-1242-4

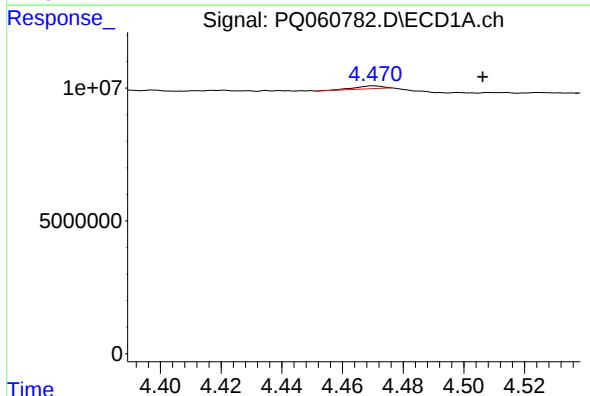
R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



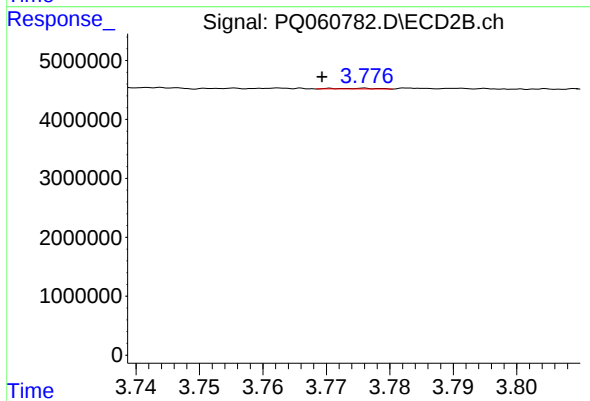
#19 AR-1242-4

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 136653
Conc: 1.65 ng/ml



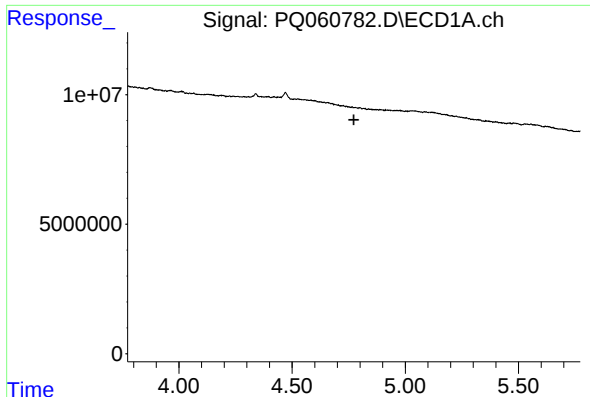
#21 AR-1248-1

R.T.: 4.470 min
Delta R.T.: -0.036 min
Response: 707474
Conc: 4.19 ng/ml



#21 AR-1248-1

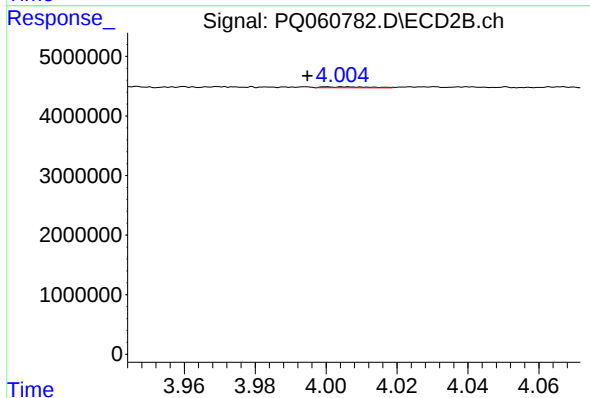
R.T.: 3.776 min
Delta R.T.: 0.007 min
Response: 53739
Conc: 0.61 ng/ml



#22 AR-1248-2

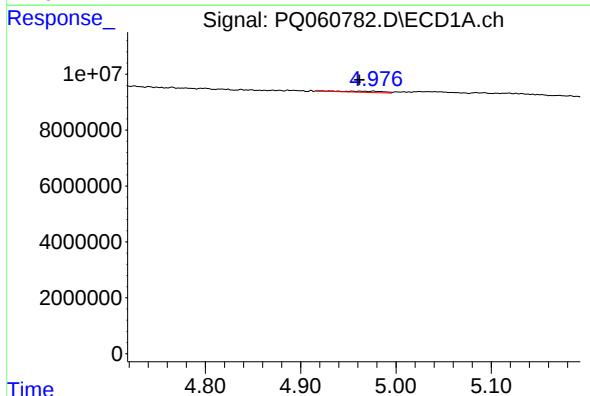
R.T.: 0.000 min
Exp R.T.: 4.773 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



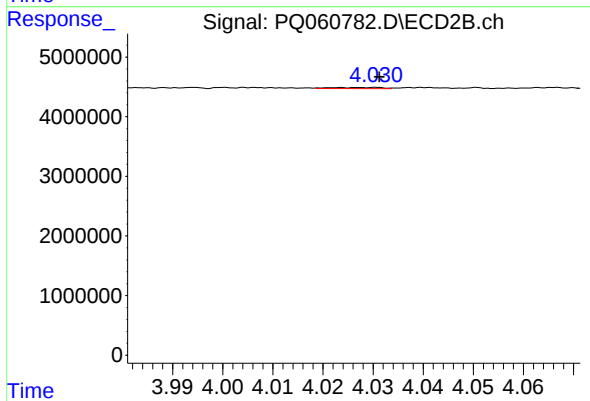
#22 AR-1248-2

R.T.: 4.000 min
Delta R.T.: 0.006 min
Response: 141758
Conc: 1.09 ng/ml



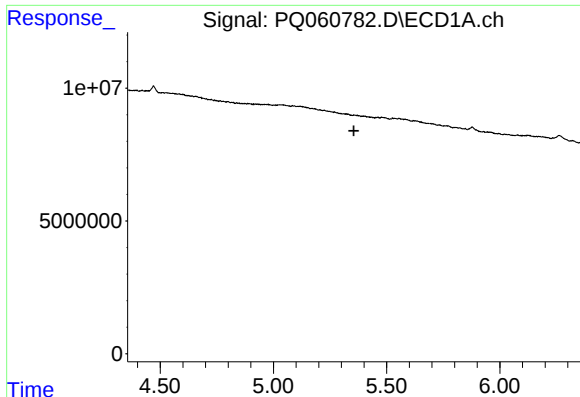
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: 0.014 min
Response: 1275646
Conc: 4.55 ng/ml



#23 AR-1248-3

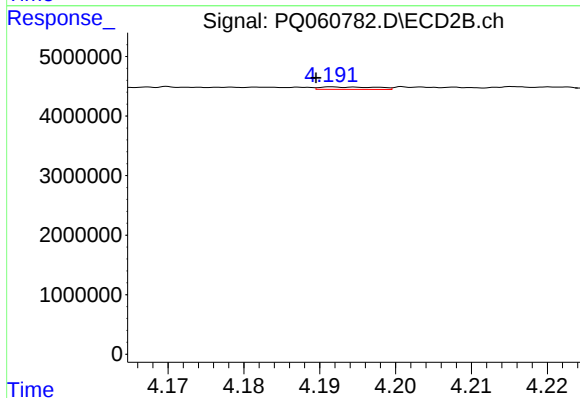
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 136653
Conc: 1.09 ng/ml



#24 AR-1248-4

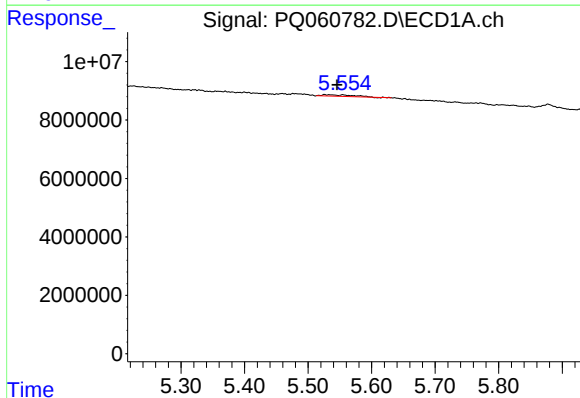
R.T.: 5.400 min
Delta R.T.: 0.044 min
Response: -113350
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



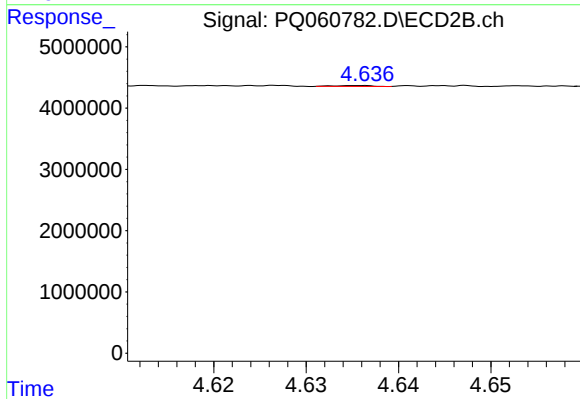
#24 AR-1248-4

R.T.: 4.192 min
Delta R.T.: 0.003 min
Response: 213150
Conc: 1.37 ng/ml



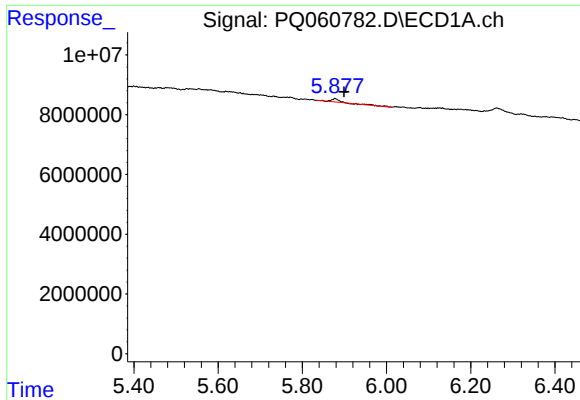
#27 AR-1254-2

R.T.: 5.533 min
Delta R.T.: -0.013 min
Response: 1594102
Conc: 3.24 ng/ml



#27 AR-1254-2

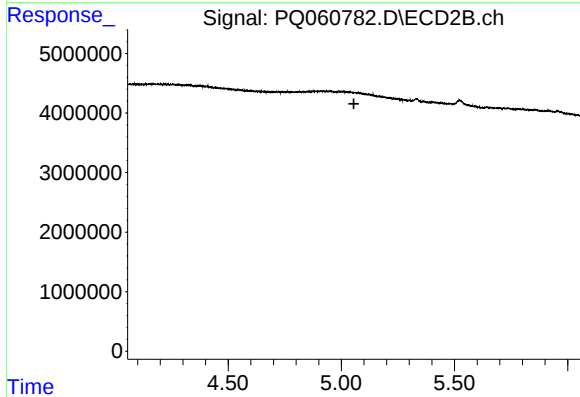
R.T.: 4.636 min
Delta R.T.: -0.039 min
Response: 40073
Conc: 0.19 ng/ml



#28 AR-1254-3

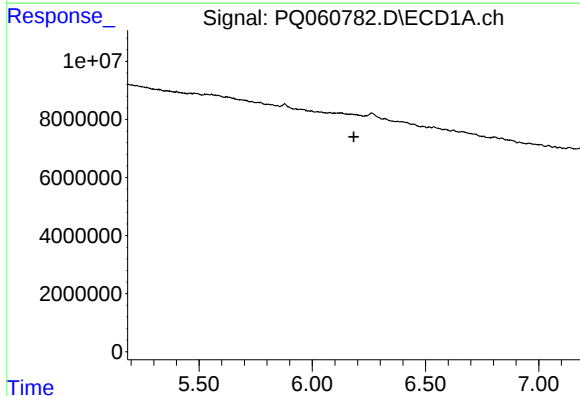
R.T.: 5.878 min
Delta R.T.: -0.022 min
Response: 1862150
Conc: 3.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



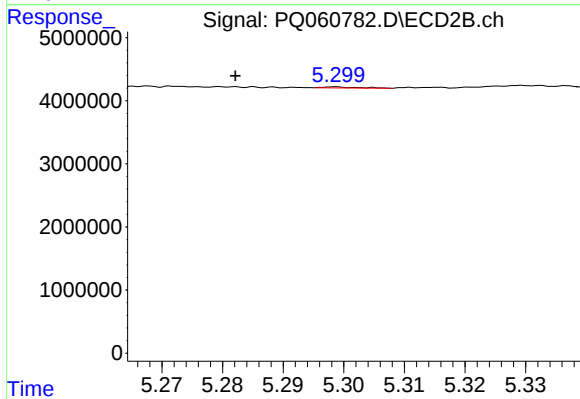
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.055 min
Response: 0
Conc: N.D.



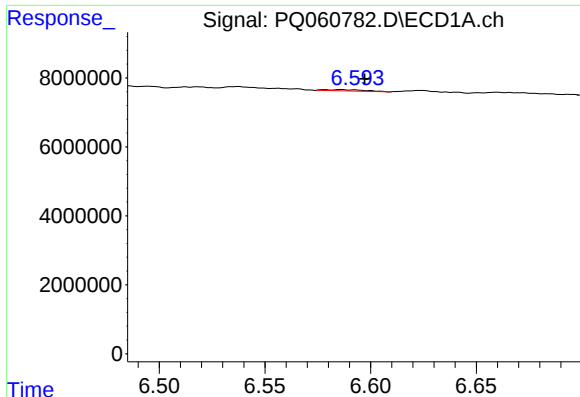
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.184 min
Response: 0
Conc: N.D.



#29 AR-1254-4

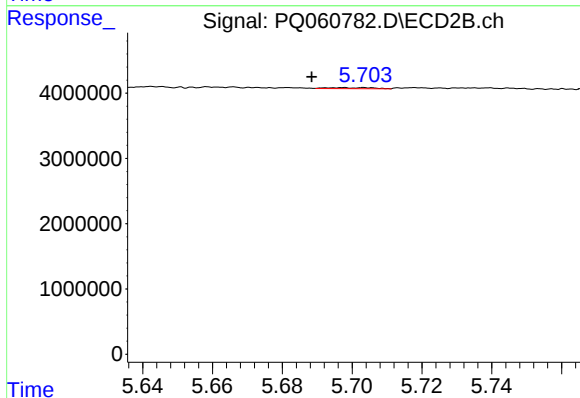
R.T.: 5.299 min
Delta R.T.: 0.017 min
Response: 60387
Conc: 0.29 ng/ml



#30 AR-1254-5

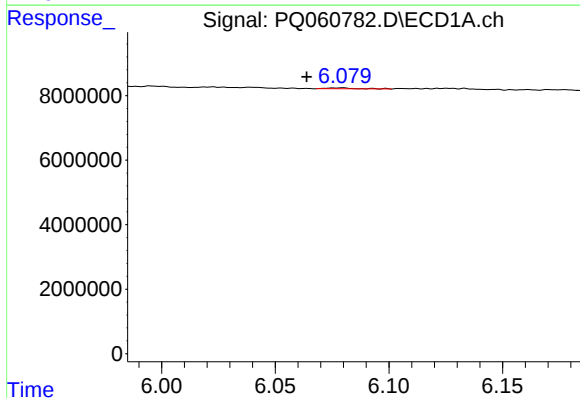
R.T.: 6.586 min
Delta R.T.: -0.012 min
Response: 486626
Conc: 1.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



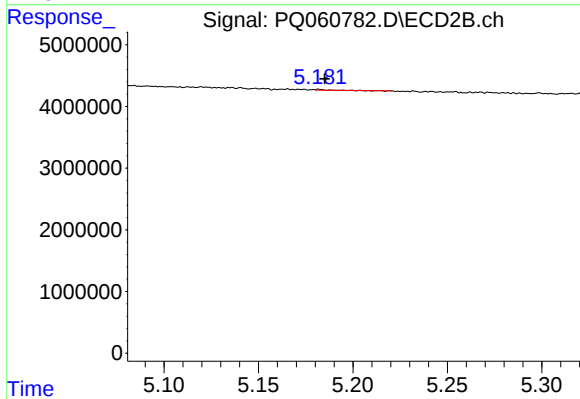
#30 AR-1254-5

R.T.: 5.704 min
Delta R.T.: 0.015 min
Response: 150539
Conc: 0.46 ng/ml



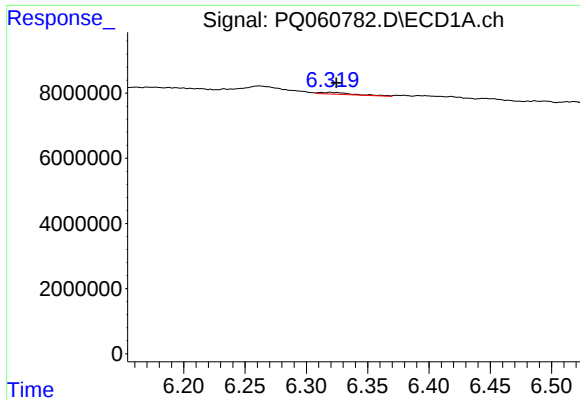
#31 AR-1260-1

R.T.: 6.078 min
Delta R.T.: 0.014 min
Response: 121220
Conc: 0.32 ng/ml



#31 AR-1260-1

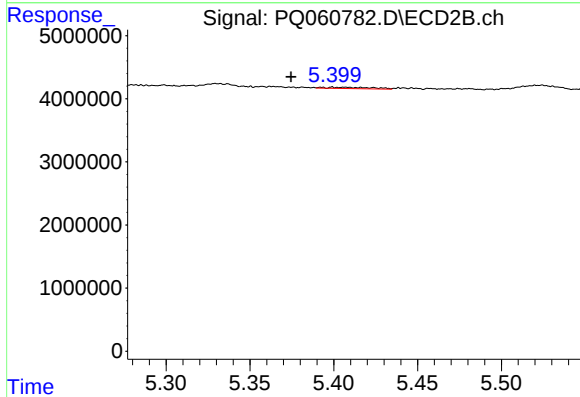
R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 24543
Conc: 0.11 ng/ml



#32 AR-1260-2

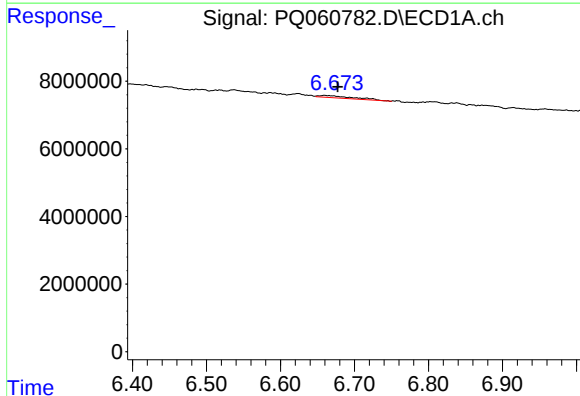
R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 1013248
Conc: 2.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



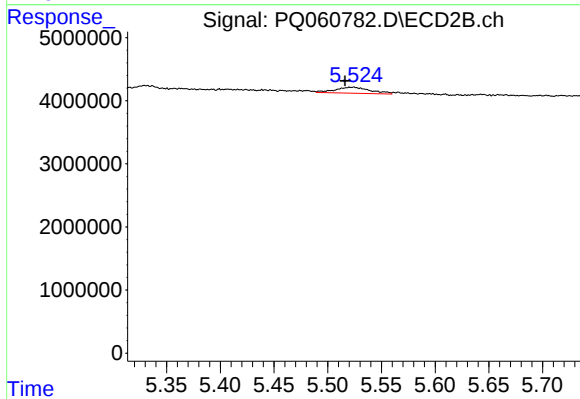
#32 AR-1260-2

R.T.: 5.400 min
Delta R.T.: 0.025 min
Response: 413562
Conc: 1.44 ng/ml



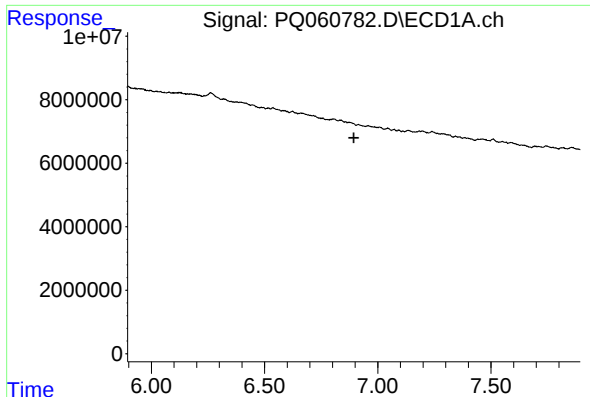
#33 AR-1260-3

R.T.: 6.660 min
Delta R.T.: -0.017 min
Response: 2146818
Conc: 7.42 ng/ml



#33 AR-1260-3

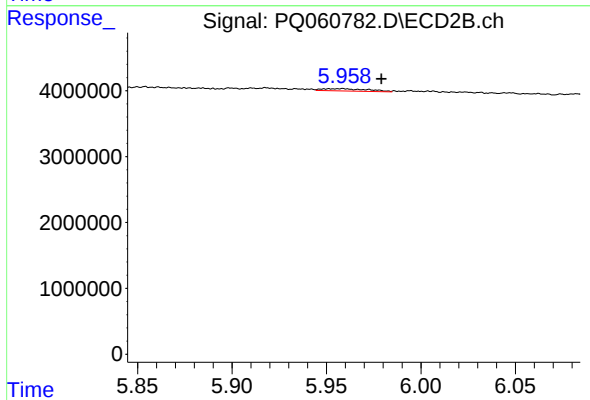
R.T.: 5.524 min
Delta R.T.: 0.008 min
Response: 2143399
Conc: 7.86 ng/ml



#34 AR-1260-4

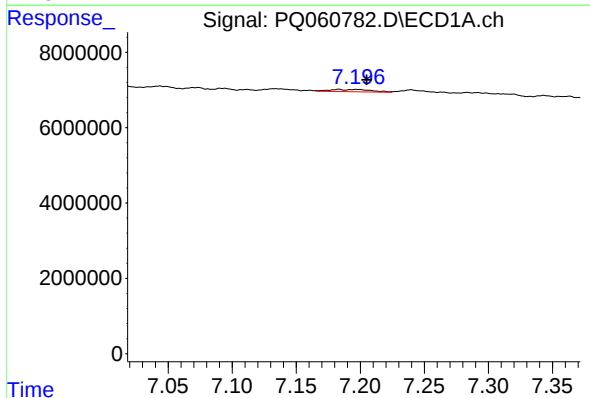
R.T.: 0.000 min
Exp R.T.: 6.895 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



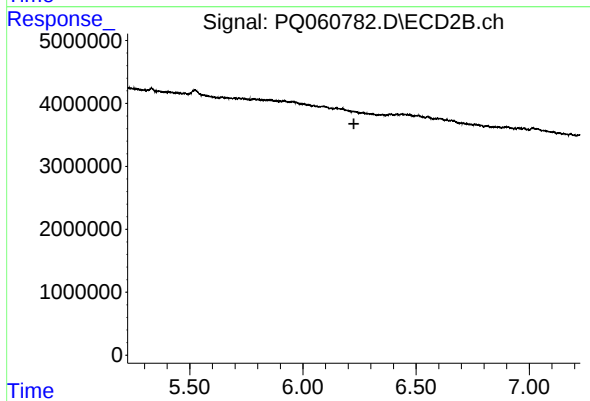
#34 AR-1260-4

R.T.: 5.958 min
Delta R.T.: -0.021 min
Response: 570200
Conc: 2.82 ng/ml



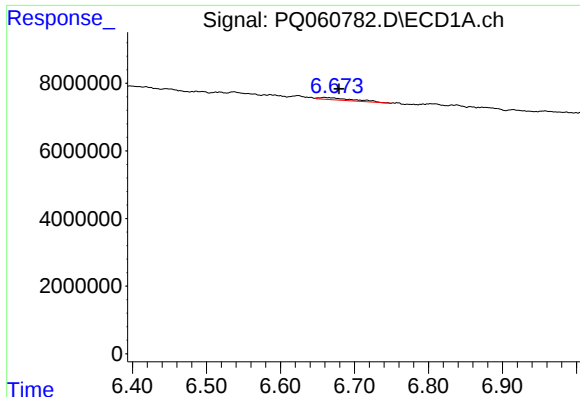
#35 AR-1260-5

R.T.: 7.183 min
Delta R.T.: -0.022 min
Response: 1351335
Conc: 2.07 ng/ml



#35 AR-1260-5

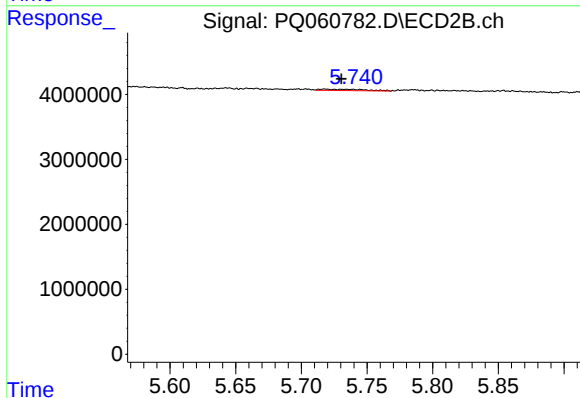
R.T.: 0.000 min
Exp R.T.: 6.225 min
Response: 0
Conc: N.D.



#36 AR-1262-1

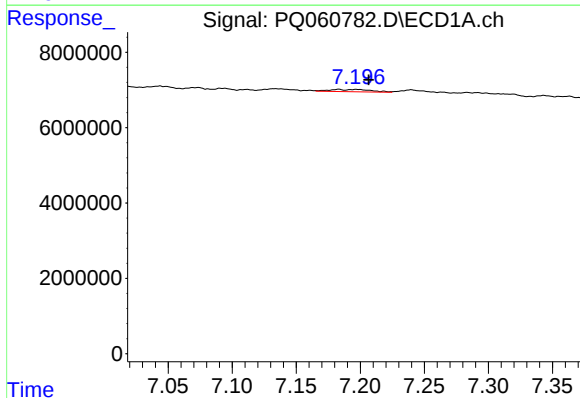
R.T.: 6.660 min
Delta R.T.: -0.019 min
Response: 2146818
Conc: 4.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



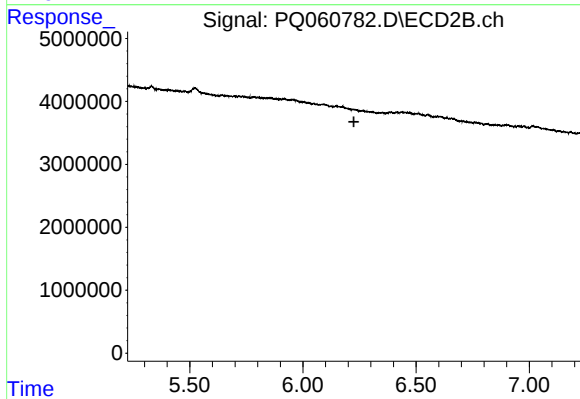
#36 AR-1262-1

R.T.: 5.718 min
Delta R.T.: -0.013 min
Response: 457623
Conc: 1.44 ng/ml



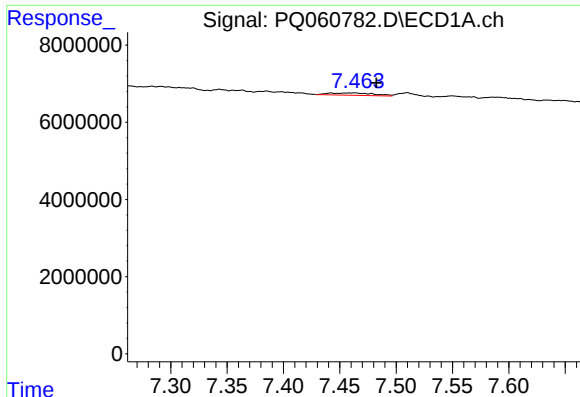
#37 AR-1262-2

R.T.: 7.183 min
Delta R.T.: -0.024 min
Response: 1351335
Conc: 1.73 ng/ml



#37 AR-1262-2

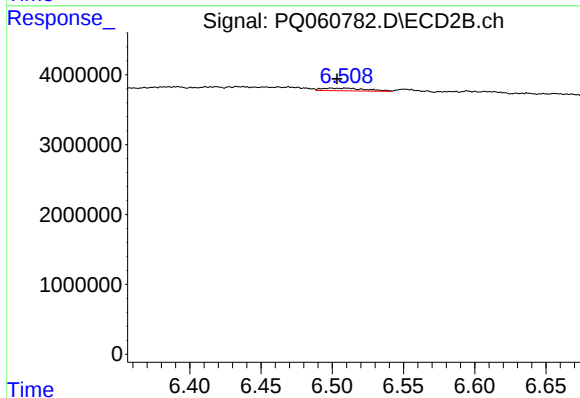
R.T.: 0.000 min
Exp R.T.: 6.225 min
Response: 0
Conc: N.D.



#38 AR-1262-3

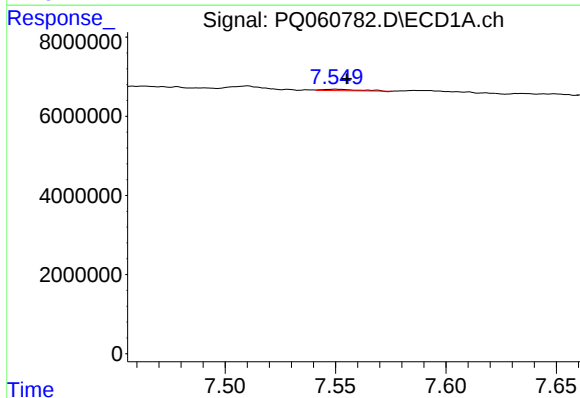
R.T.: 7.462 min
Delta R.T.: -0.020 min
Response: 1637545
Conc: 3.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



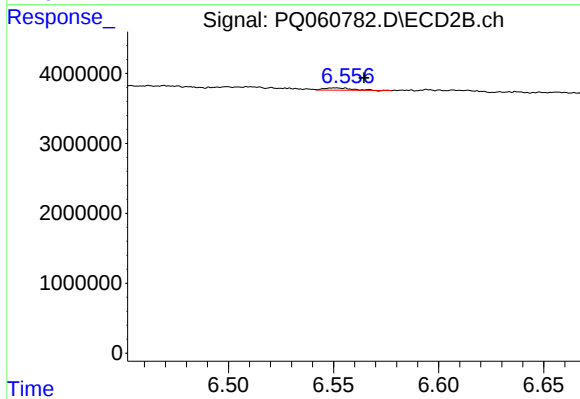
#38 AR-1262-3

R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 807419
Conc: 3.40 ng/ml



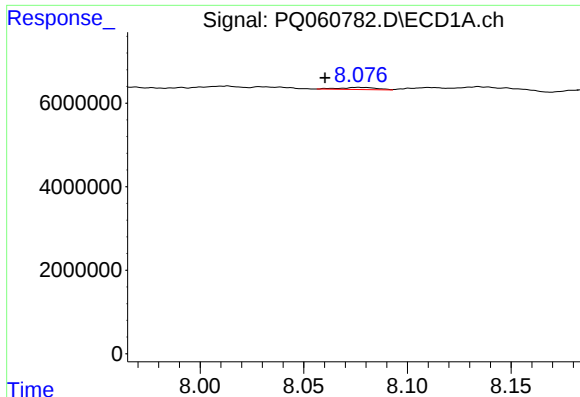
#39 AR-1262-4

R.T.: 7.550 min
Delta R.T.: -0.005 min
Response: 392647
Conc: 0.95 ng/ml



#39 AR-1262-4

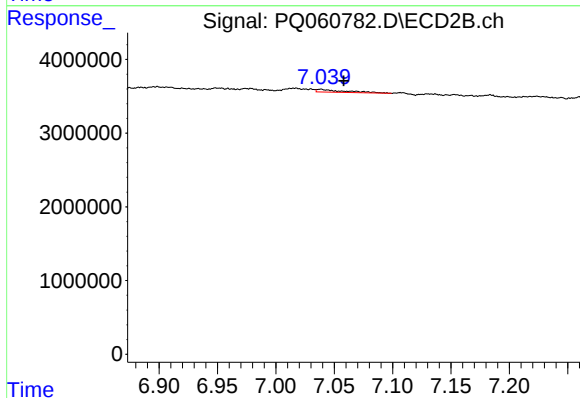
R.T.: 6.551 min
Delta R.T.: -0.014 min
Response: 299091
Conc: 0.68 ng/ml



#40 AR-1262-5

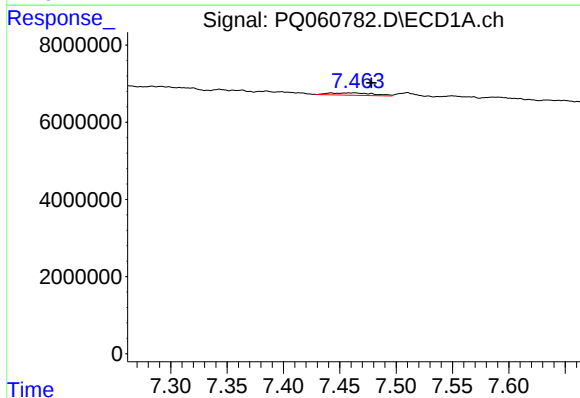
R.T.: 8.077 min
Delta R.T.: 0.017 min
Response: 618421
Conc: 2.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



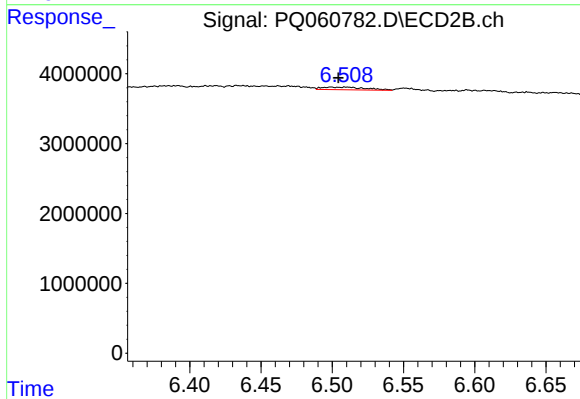
#40 AR-1262-5

R.T.: 7.038 min
Delta R.T.: -0.020 min
Response: 613562
Conc: 2.90 ng/ml



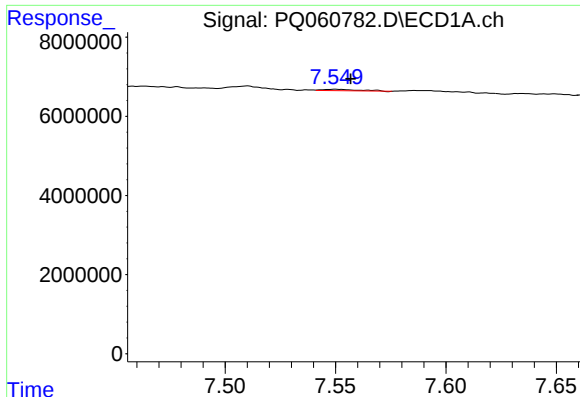
#41 AR-1268-1

R.T.: 7.462 min
Delta R.T.: -0.016 min
Response: 1637545
Conc: 1.88 ng/ml



#41 AR-1268-1

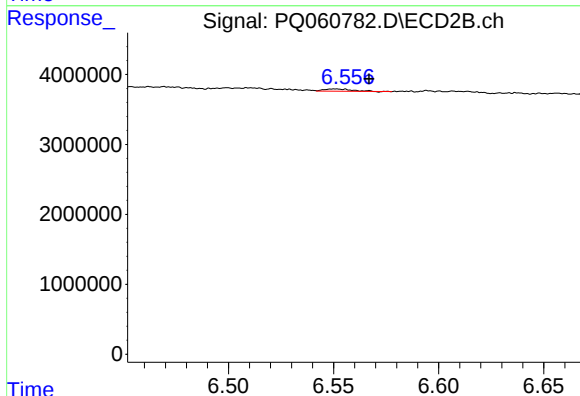
R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 807419
Conc: 1.20 ng/ml



#42 AR-1268-2

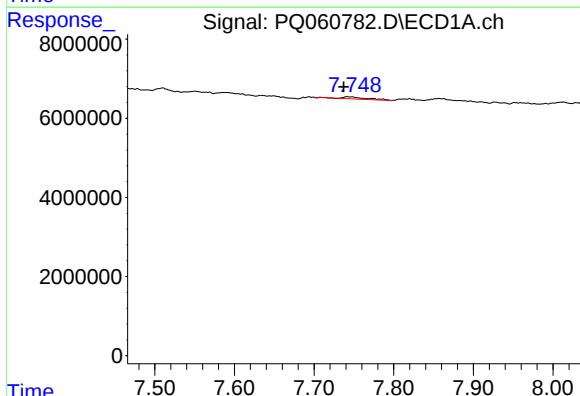
R.T.: 7.550 min
Delta R.T.: -0.007 min
Response: 392647
Conc: 0.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



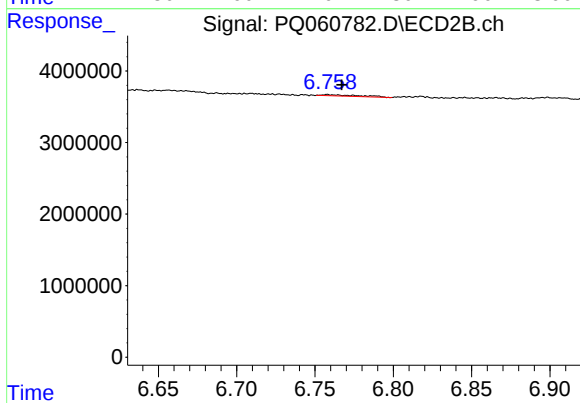
#42 AR-1268-2

R.T.: 6.551 min
Delta R.T.: -0.016 min
Response: 299091
Conc: 0.48 ng/ml



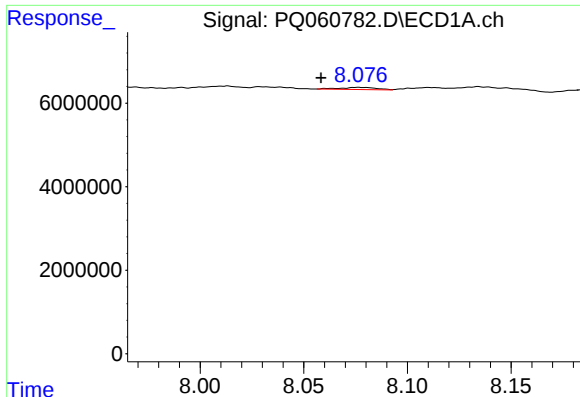
#43 AR-1268-3

R.T.: 7.743 min
Delta R.T.: 0.006 min
Response: 1074144
Conc: 1.62 ng/ml



#43 AR-1268-3

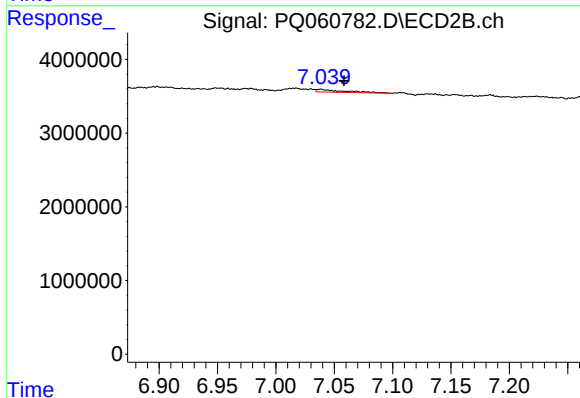
R.T.: 6.758 min
Delta R.T.: -0.009 min
Response: 305232
Conc: 0.56 ng/ml



#44 AR-1268-4

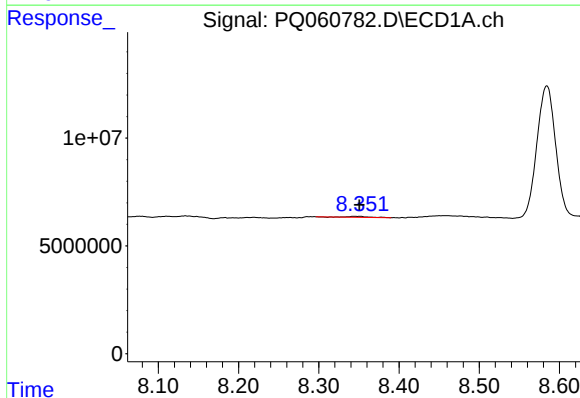
R.T.: 8.077 min
Delta R.T.: 0.019 min
Response: 618421
Conc: 2.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



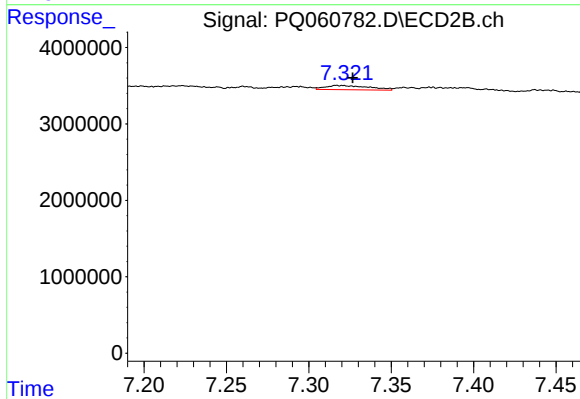
#44 AR-1268-4

R.T.: 7.038 min
Delta R.T.: -0.020 min
Response: 613562
Conc: 2.63 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.002 min
Response: 595194
Conc: 0.32 ng/ml



#45 AR-1268-5

R.T.: 7.320 min
Delta R.T.: -0.007 min
Response: 1036139
Conc: 0.59 ng/ml