

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122223\
 Data File : PQ064778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2023 11:36
 Operator : YP\AJ
 Sample : 05909-16RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 26 13:35:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 22 03:53:30 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...	3.457	2.772	57140006	70960537	13.396	13.747
2)	SA Decachlor...	8.694	7.566	16509405	19424783	4.738	3.995
Target Compounds							
3)	L1 AR-1016-1	4.535f	3.779	3915278	126702	29.334	0.806 #
4)	L1 AR-1016-2	4.615f	3.797	4831834	261063	24.005	1.096 #
5)	L1 AR-1016-3	4.636	3.956	520609	664627	4.121	5.219 #
6)	L1 AR-1016-4	4.722	4.007	228295	1929959	2.225	17.975 #
7)	L1 AR-1016-5	5.037	4.203	3667976	1162863	34.225	9.066 #
8)	L2 AR-1221-1	3.644	2.991	34591011	48924	648.097	0.690 #
9)	L2 AR-1221-2	3.739	3.040	1026811	1338142	27.135	26.292
10)	L2 AR-1221-3	3.804	3.116	592006	52265	5.049	0.357 #
11)	L3 AR-1232-1	3.804	3.116	592006	52265	6.310	0.431 #
12)	L3 AR-1232-2	4.322	3.797	5983247	261063	110.418	2.360 #
13)	L3 AR-1232-3	4.615f	3.956	4831834	664627	51.348	11.504 #
14)	L3 AR-1232-4	4.722	4.041	228295	1258527	4.906	25.742 #
15)	L3 AR-1232-5	4.842	4.203	1996920	1162863	56.775	20.543 #
16)	L4 AR-1242-1	4.535f	3.779	3915278	126702	36.809	0.977 #
17)	L4 AR-1242-2	4.615f	3.797	4831834	261063	29.647	1.369 #
18)	L4 AR-1242-3	4.659	3.956	1633028	664627	16.039	6.459 #
19)	L4 AR-1242-4	4.722	4.041	228295	1258527	2.740	13.047 #
20)	L4 AR-1242-5	5.469	4.539	2580439	6505325	28.961	55.527 #
21)	L5 AR-1248-1	4.535f	3.779	3915278	126702	47.360	1.258 #
22)	L5 AR-1248-2	4.842	4.007	1996920	1929959	16.062	12.801
23)	L5 AR-1248-3	5.037	4.041	3667976	1258527	24.834	8.858 #
24)	L5 AR-1248-4	5.439	4.203	1443423	1162863	9.121	6.729 #
25)	L5 AR-1248-5	5.469	4.576	2580439	3824203	16.406	23.815 #
26)	L6 AR-1254-1	5.401	4.539	6220072	6505325	37.057	27.008 #
27)	L6 AR-1254-2	5.615	4.687	6053393	3274717	23.332	15.773 #
28)	L6 AR-1254-3	5.977	5.071	2077195	4851744	7.688	15.593 #
29)	L6 AR-1254-4	6.265	5.299	905689	4866232	4.710	24.963 #
30)	L6 AR-1254-5	6.684	5.701	2054161	4106003	9.477	14.525 #
31)	L7 AR-1260-1	6.143	5.202	499826	4265011	2.340	19.148 #
32)	L7 AR-1260-2	6.407	5.397	743707	2745381	2.979	10.351 #
33)	L7 AR-1260-3	6.757	5.532	991303	441158	5.273	1.741 #
34)	L7 AR-1260-4	6.954	6.003	444572	1405084	2.134	5.990 #
35)	L7 AR-1260-5	7.283	6.242	1126820	658048	2.830	1.128 #
36)	L8 AR-1262-1	6.757	5.796	991303	127295	3.478	0.990 #
37)	L8 AR-1262-2	7.283	6.003	1126820	1405084	2.430	4.691 #
38)	L8 AR-1262-3	7.579	6.522	333067	1230265	1.068	4.103 #
39)	L8 AR-1262-4	7.622	6.583	726086	546859	2.969	0.969 #
40)	L8 AR-1262-5	8.142	7.080	182072	351175	1.152	1.195
41)	L9 AR-1268-1	7.579	6.522	333067	1230265	0.630	1.482 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122223\
Data File : PQ064778.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2023 11:36
Operator : YP\AJ
Sample : 05909-16RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

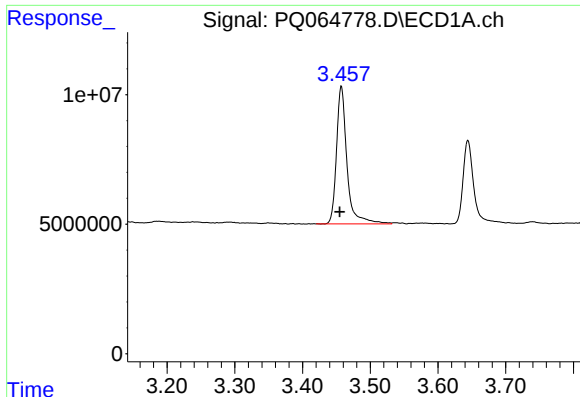
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 13:35:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122123.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 22 03:53:30 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
42) L9	AR-1268-2	7.622	6.588	726086	893791	1.519	1.168
43) L9	AR-1268-3	7.815	6.791	541602	5401272	1.311	7.625 #
44) L9	AR-1268-4	8.159	7.080	355804	351175	2.132	1.144 #
45) L9	AR-1268-5	8.463	7.347	523822	1274197	0.435	0.671 #

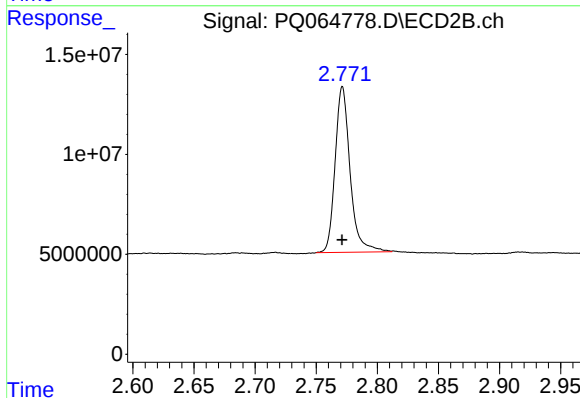
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

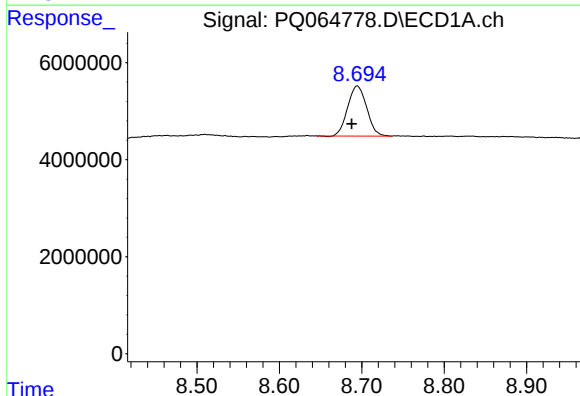
R.T.: 3.457 min
Delta R.T.: 0.002 min
Response: 57140006
Conc: 13.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



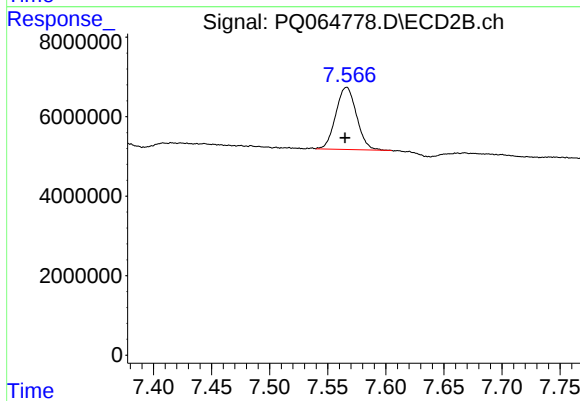
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 70960537
Conc: 13.75 ng/ml



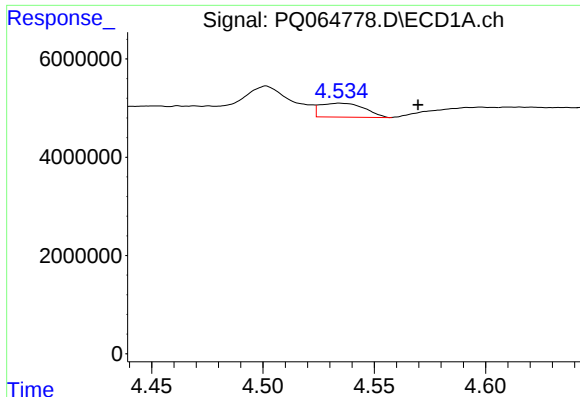
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.007 min
Response: 16509405
Conc: 4.74 ng/ml



#2 Decachlorobiphenyl

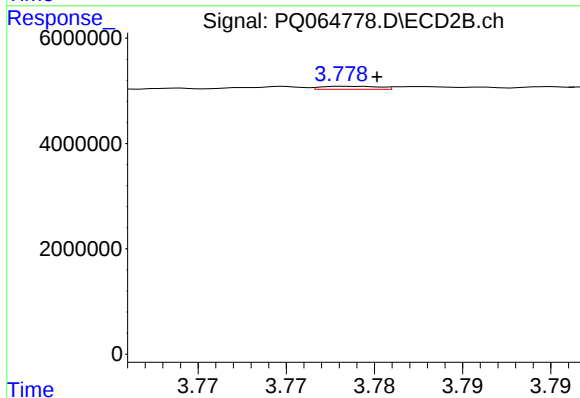
R.T.: 7.566 min
Delta R.T.: 0.002 min
Response: 19424783
Conc: 4.00 ng/ml



#3 AR-1016-1

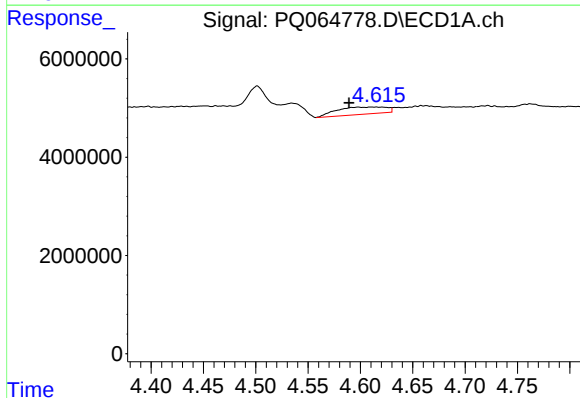
R.T.: 4.535 min
Delta R.T.: -0.035 min
Response: 3915278
Conc: 29.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



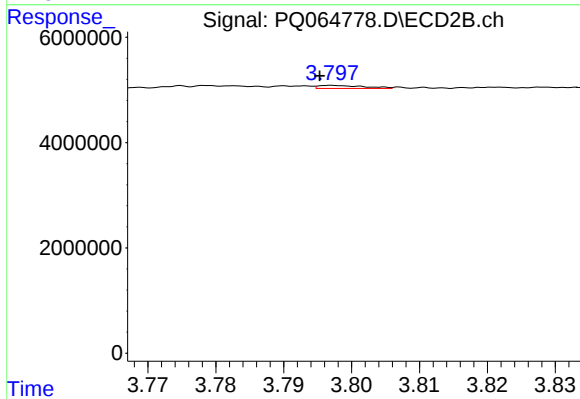
#3 AR-1016-1

R.T.: 3.779 min
Delta R.T.: -0.001 min
Response: 126702
Conc: 0.81 ng/ml



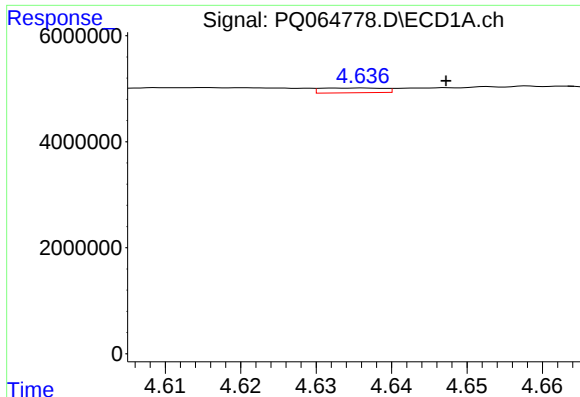
#4 AR-1016-2

R.T.: 4.615 min
Delta R.T.: 0.026 min
Response: 4831834
Conc: 24.01 ng/ml



#4 AR-1016-2

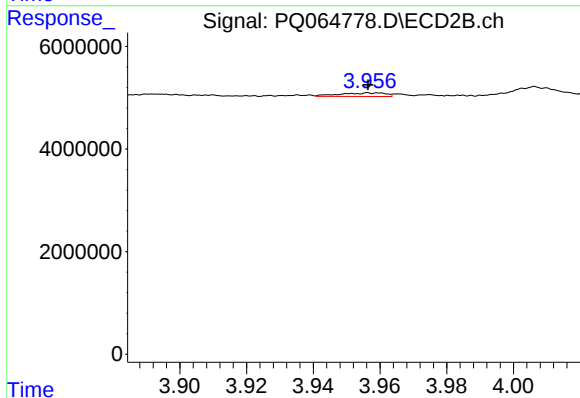
R.T.: 3.797 min
Delta R.T.: 0.002 min
Response: 261063
Conc: 1.10 ng/ml



#5 AR-1016-3

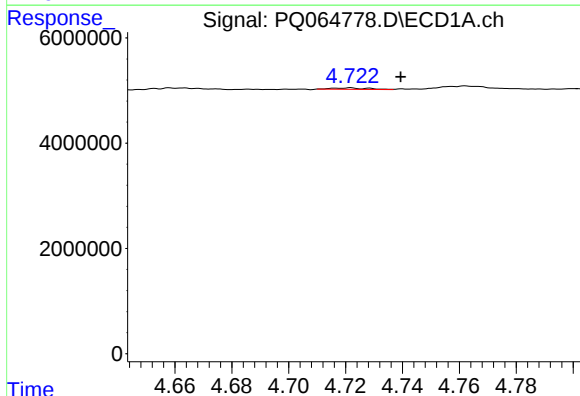
R.T.: 4.636 min
Delta R.T.: -0.011 min
Response: 520609
Conc: 4.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



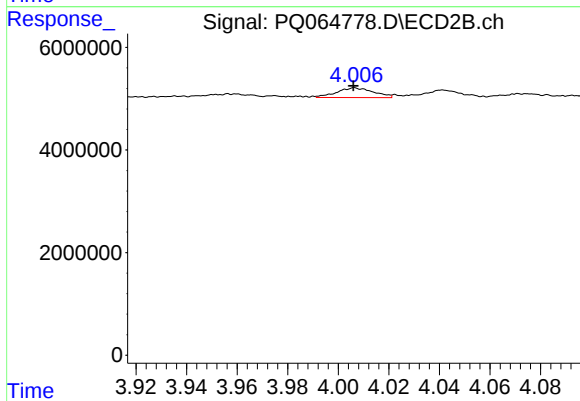
#5 AR-1016-3

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 664627
Conc: 5.22 ng/ml



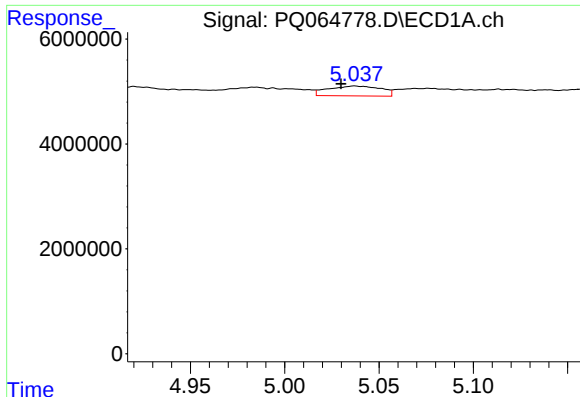
#6 AR-1016-4

R.T.: 4.722 min
Delta R.T.: -0.018 min
Response: 228295
Conc: 2.23 ng/ml



#6 AR-1016-4

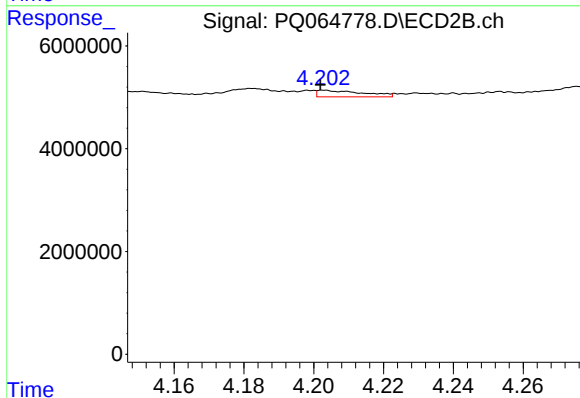
R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 1929959
Conc: 17.98 ng/ml



#7 AR-1016-5

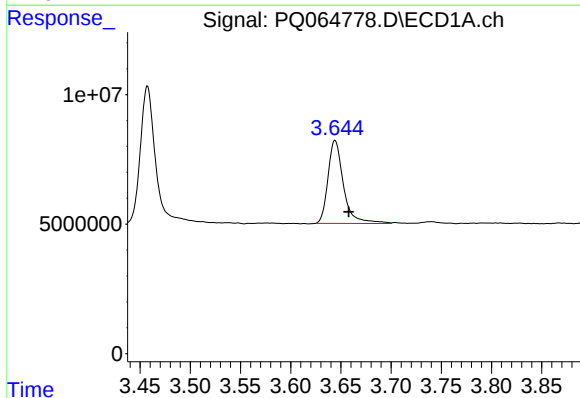
R.T.: 5.037 min
Delta R.T.: 0.007 min
Response: 3667976
Conc: 34.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



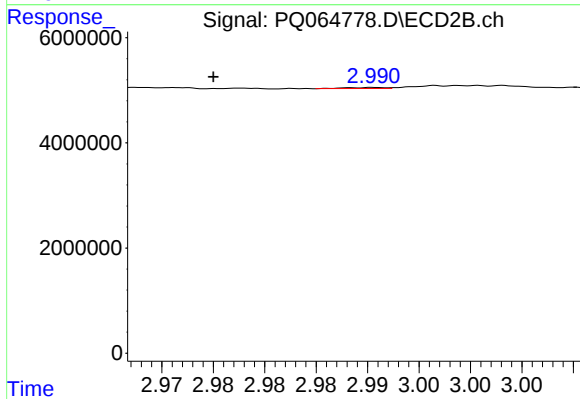
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: 0.001 min
Response: 1162863
Conc: 9.07 ng/ml



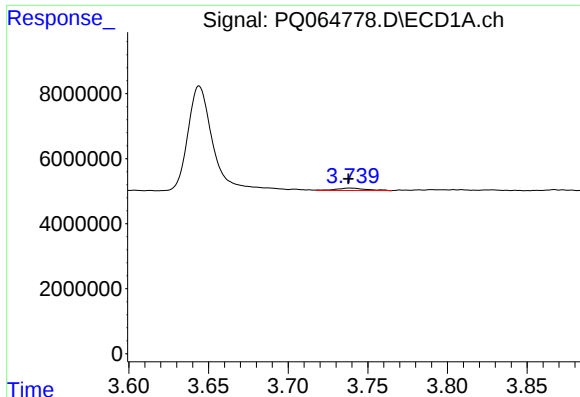
#8 AR-1221-1

R.T.: 3.644 min
Delta R.T.: -0.014 min
Response: 34591011
Conc: 648.10 ng/ml



#8 AR-1221-1

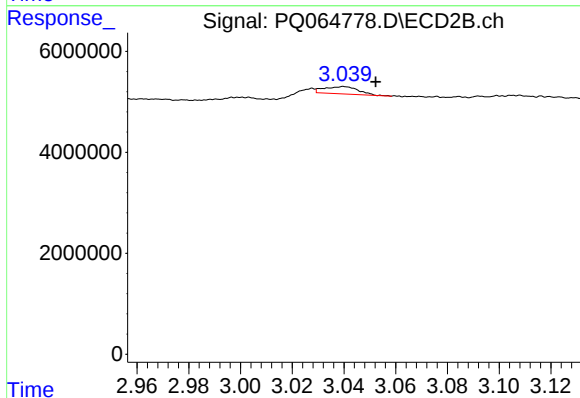
R.T.: 2.991 min
Delta R.T.: 0.016 min
Response: 48924
Conc: 0.69 ng/ml



#9 AR-1221-2

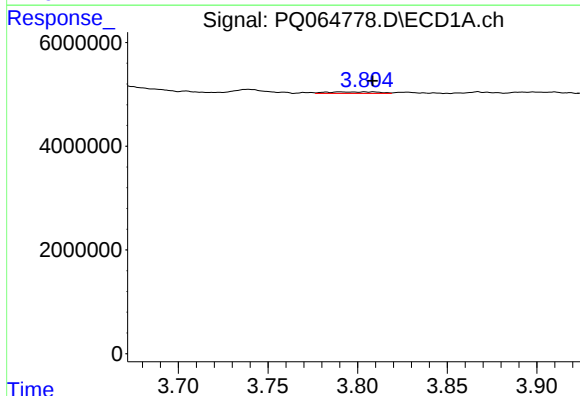
R.T.: 3.739 min
Delta R.T.: 0.001 min
Response: 1026811
Conc: 27.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



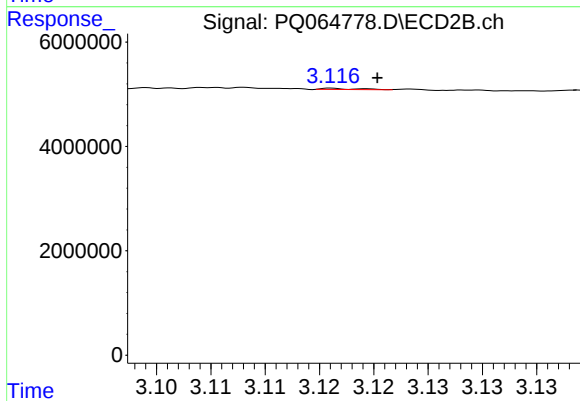
#9 AR-1221-2

R.T.: 3.040 min
Delta R.T.: -0.012 min
Response: 1338142
Conc: 26.29 ng/ml



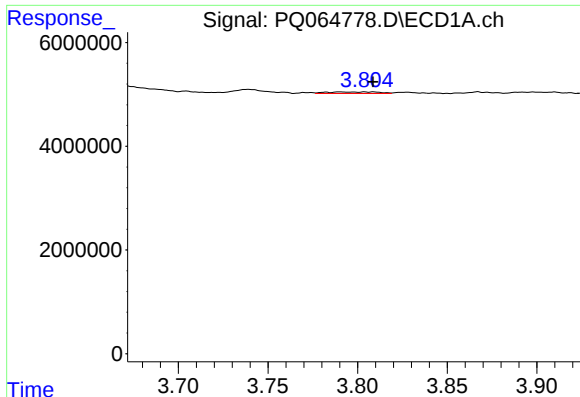
#10 AR-1221-3

R.T.: 3.804 min
Delta R.T.: -0.004 min
Response: 592006
Conc: 5.05 ng/ml



#10 AR-1221-3

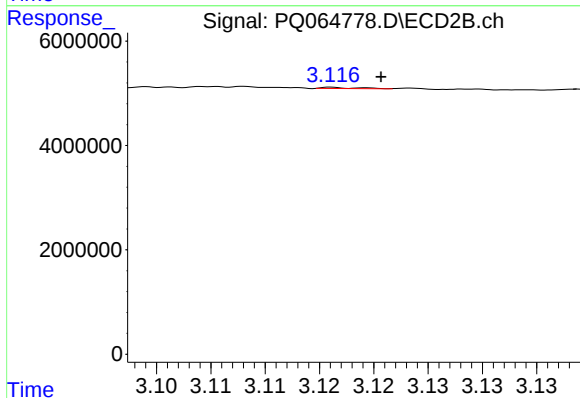
R.T.: 3.116 min
Delta R.T.: -0.004 min
Response: 52265
Conc: 0.36 ng/ml



#11 AR-1232-1

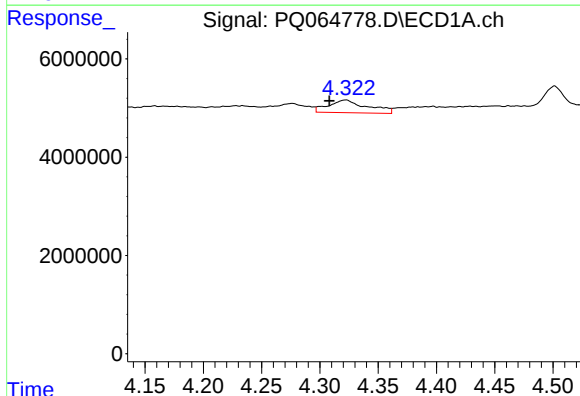
R.T.: 3.804 min
Delta R.T.: -0.004 min
Response: 592006
Conc: 6.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



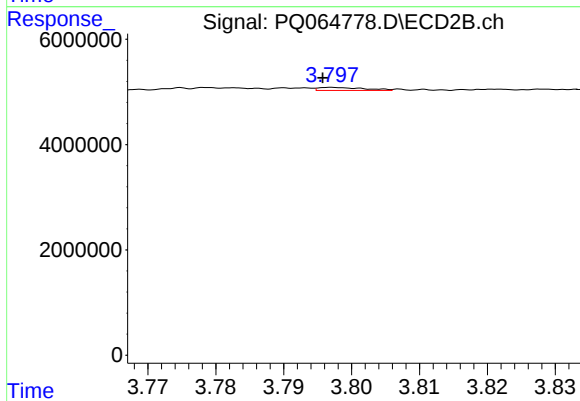
#11 AR-1232-1

R.T.: 3.116 min
Delta R.T.: -0.004 min
Response: 52265
Conc: 0.43 ng/ml



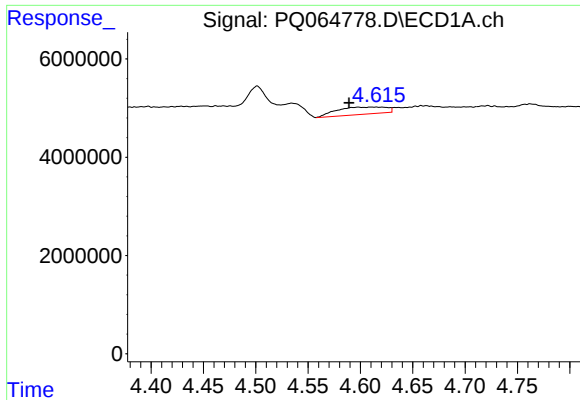
#12 AR-1232-2

R.T.: 4.322 min
Delta R.T.: 0.014 min
Response: 5983247
Conc: 110.42 ng/ml



#12 AR-1232-2

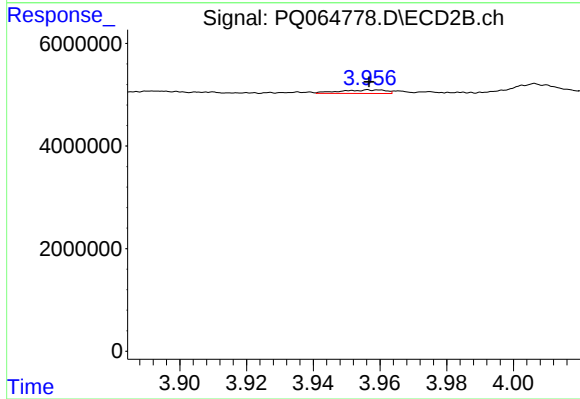
R.T.: 3.797 min
Delta R.T.: 0.001 min
Response: 261063
Conc: 2.36 ng/ml



#13 AR-1232-3

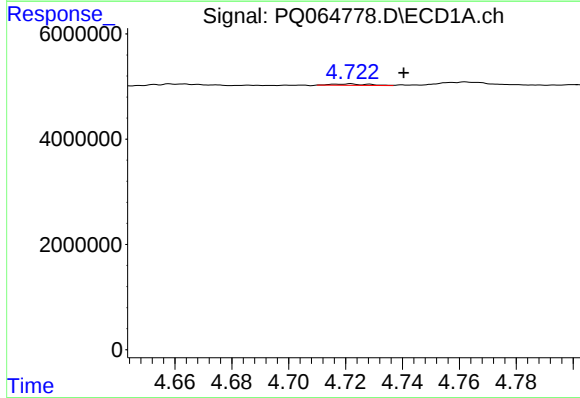
R.T.: 4.615 min
Delta R.T.: 0.026 min
Response: 4831834
Conc: 51.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



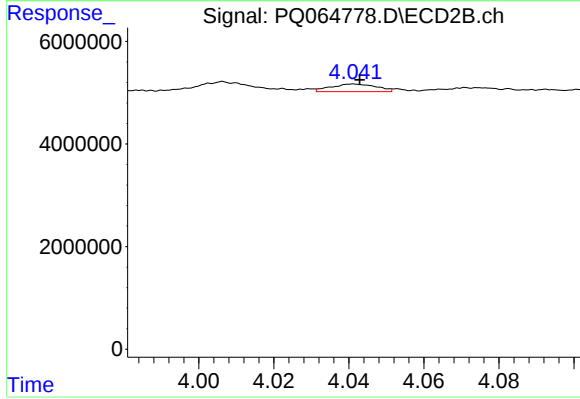
#13 AR-1232-3

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 664627
Conc: 11.50 ng/ml



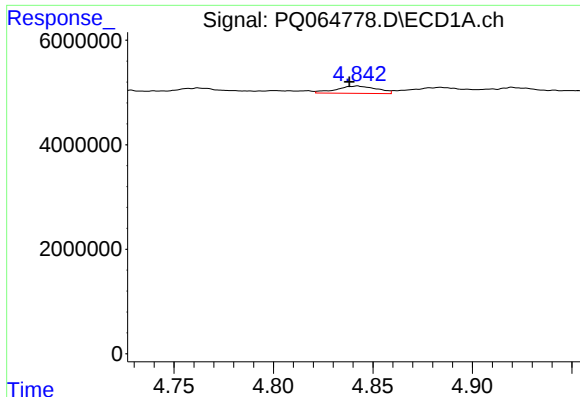
#14 AR-1232-4

R.T.: 4.722 min
Delta R.T.: -0.019 min
Response: 228295
Conc: 4.91 ng/ml



#14 AR-1232-4

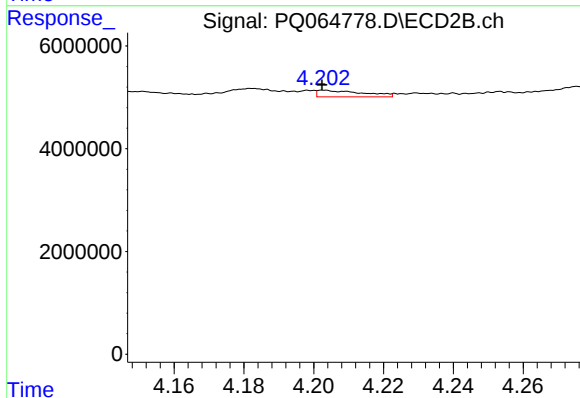
R.T.: 4.041 min
Delta R.T.: -0.001 min
Response: 1258527
Conc: 25.74 ng/ml



#15 AR-1232-5

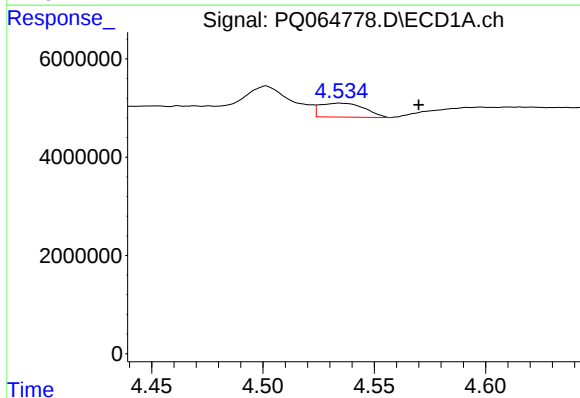
R.T.: 4.842 min
Delta R.T.: 0.004 min
Response: 1996920
Conc: 56.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



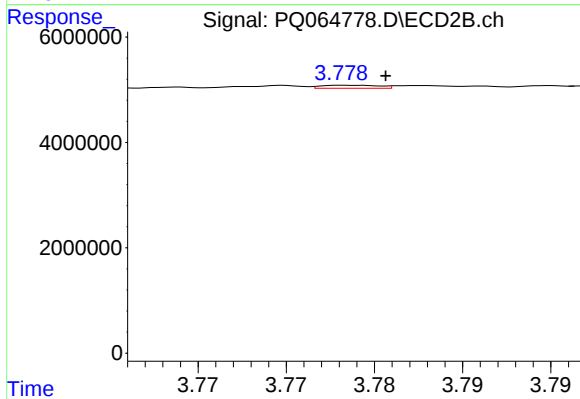
#15 AR-1232-5

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 1162863
Conc: 20.54 ng/ml



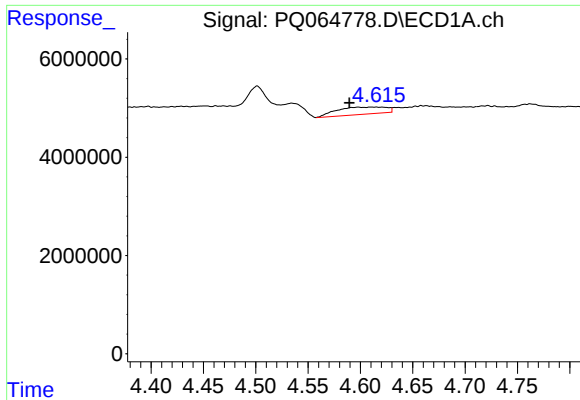
#16 AR-1242-1

R.T.: 4.535 min
Delta R.T.: -0.035 min
Response: 3915278
Conc: 36.81 ng/ml



#16 AR-1242-1

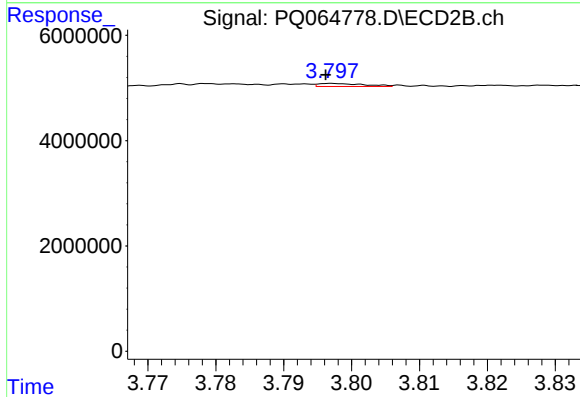
R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 126702
Conc: 0.98 ng/ml



#17 AR-1242-2

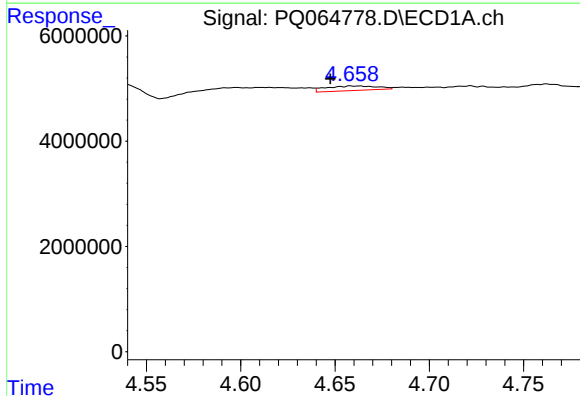
R.T.: 4.615 min
Delta R.T.: 0.026 min
Response: 4831834
Conc: 29.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



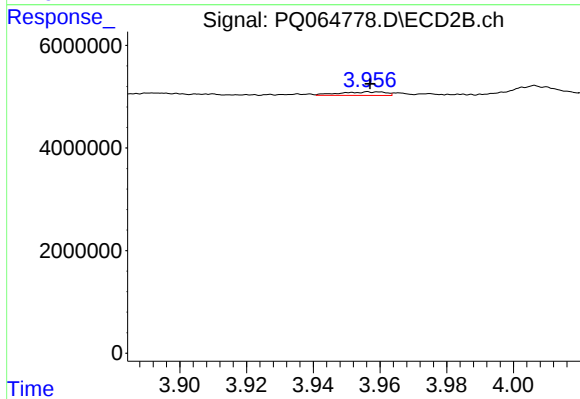
#17 AR-1242-2

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 261063
Conc: 1.37 ng/ml



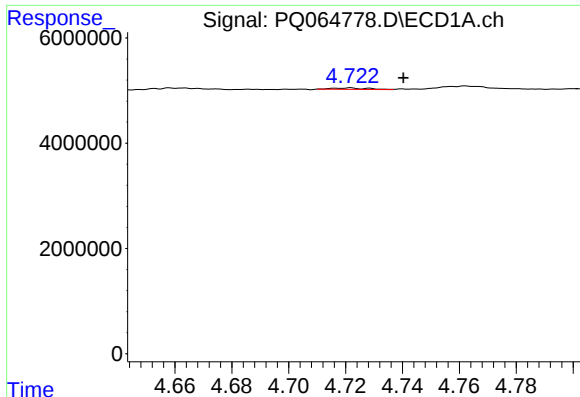
#18 AR-1242-3

R.T.: 4.659 min
Delta R.T.: 0.011 min
Response: 1633028
Conc: 16.04 ng/ml



#18 AR-1242-3

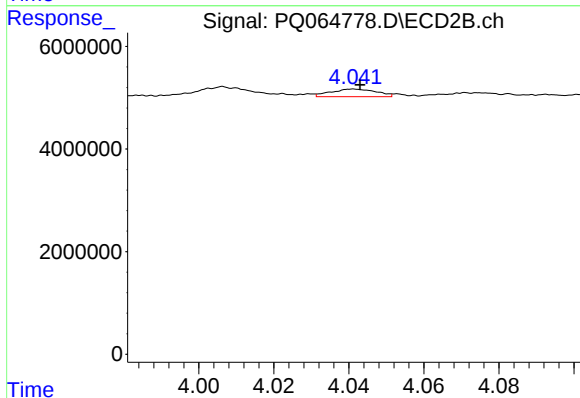
R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 664627
Conc: 6.46 ng/ml



#19 AR-1242-4

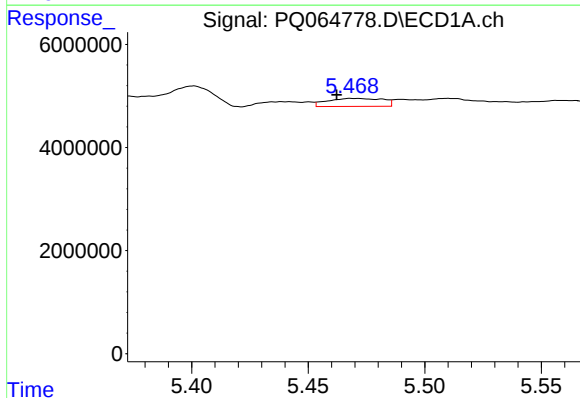
R.T.: 4.722 min
Delta R.T.: -0.019 min
Response: 228295
Conc: 2.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



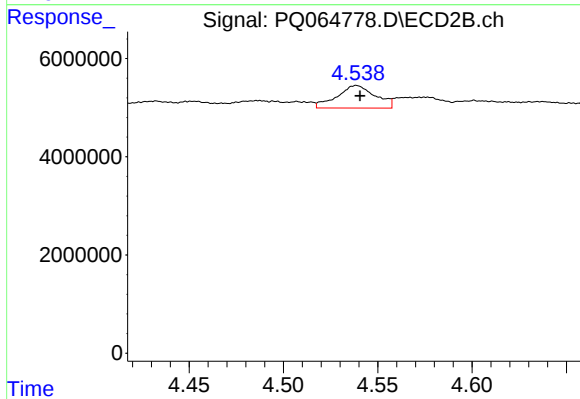
#19 AR-1242-4

R.T.: 4.041 min
Delta R.T.: -0.001 min
Response: 1258527
Conc: 13.05 ng/ml



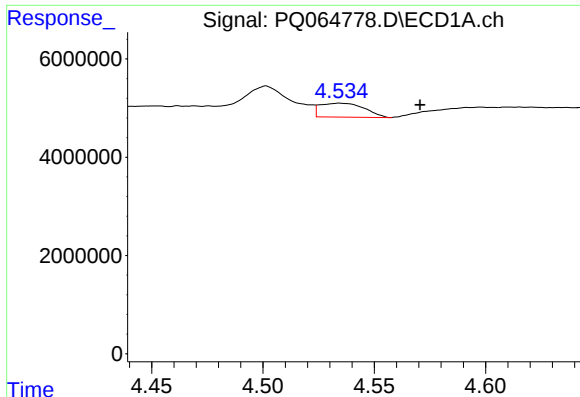
#20 AR-1242-5

R.T.: 5.469 min
Delta R.T.: 0.007 min
Response: 2580439
Conc: 28.96 ng/ml



#20 AR-1242-5

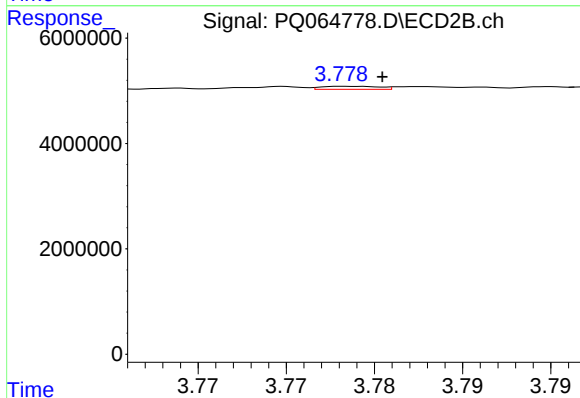
R.T.: 4.539 min
Delta R.T.: -0.002 min
Response: 6505325
Conc: 55.53 ng/ml



#21 AR-1248-1

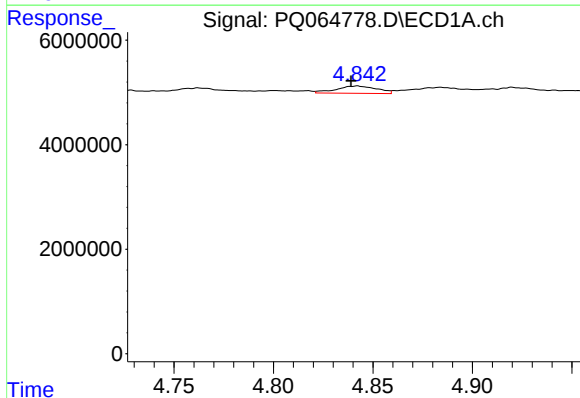
R.T.: 4.535 min
Delta R.T.: -0.036 min
Response: 3915278
Conc: 47.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



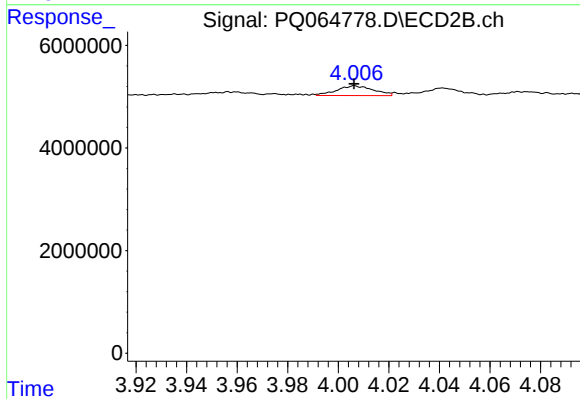
#21 AR-1248-1

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 126702
Conc: 1.26 ng/ml



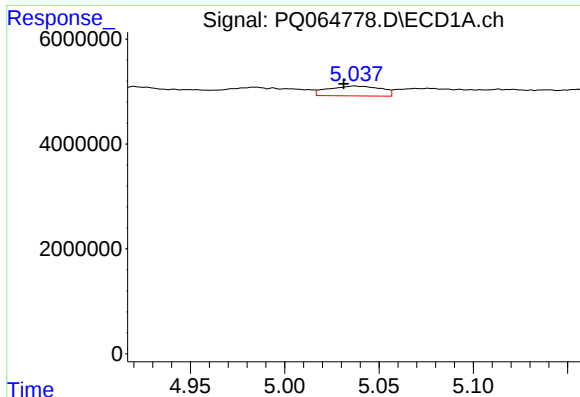
#22 AR-1248-2

R.T.: 4.842 min
Delta R.T.: 0.003 min
Response: 1996920
Conc: 16.06 ng/ml



#22 AR-1248-2

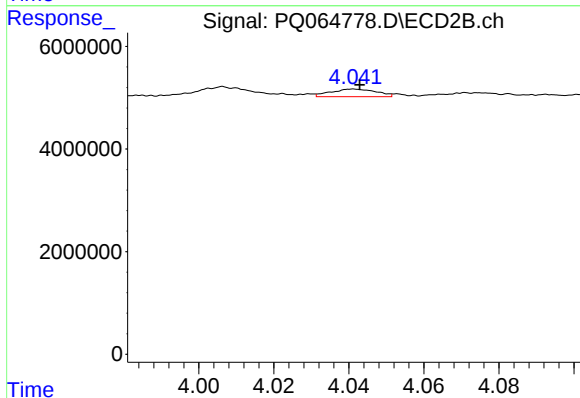
R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 1929959
Conc: 12.80 ng/ml



#23 AR-1248-3

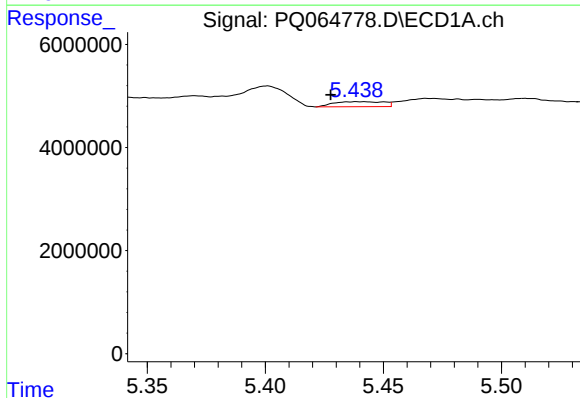
R.T.: 5.037 min
Delta R.T.: 0.006 min
Response: 3667976
Conc: 24.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



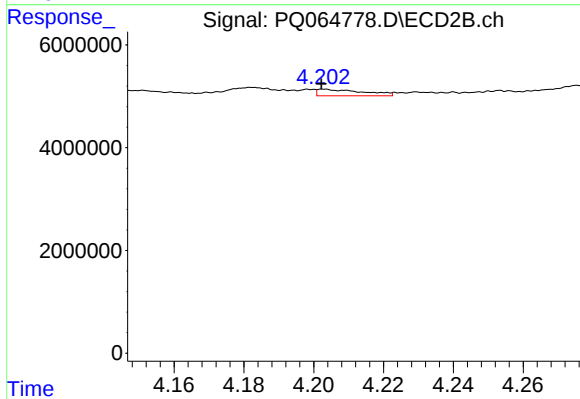
#23 AR-1248-3

R.T.: 4.041 min
Delta R.T.: -0.001 min
Response: 1258527
Conc: 8.86 ng/ml



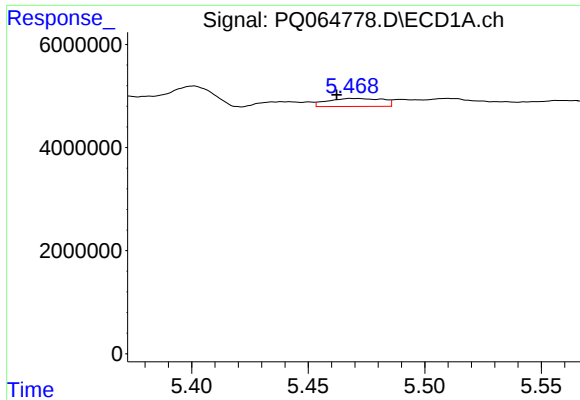
#24 AR-1248-4

R.T.: 5.439 min
Delta R.T.: 0.012 min
Response: 1443423
Conc: 9.12 ng/ml



#24 AR-1248-4

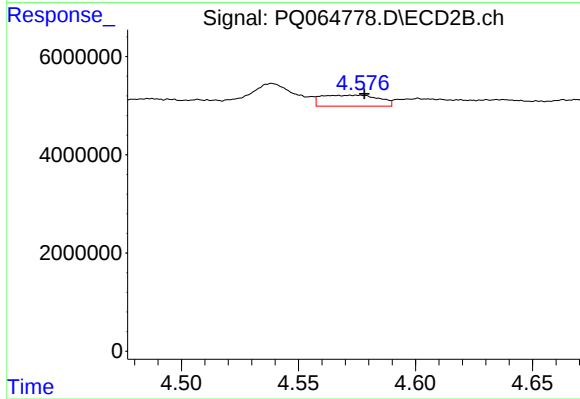
R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 1162863
Conc: 6.73 ng/ml



#25 AR-1248-5

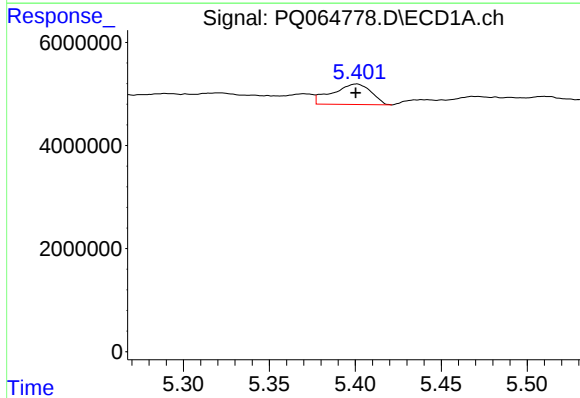
R.T.: 5.469 min
Delta R.T.: 0.007 min
Response: 2580439
Conc: 16.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



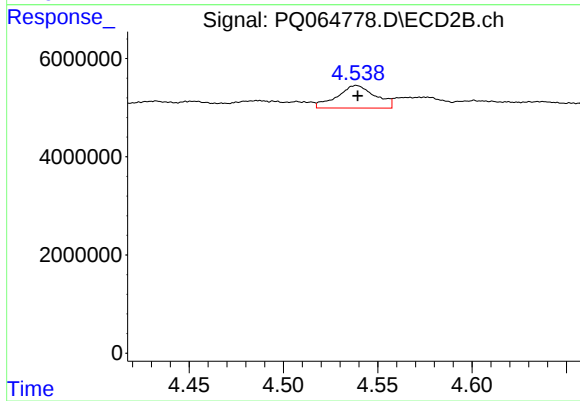
#25 AR-1248-5

R.T.: 4.576 min
Delta R.T.: -0.002 min
Response: 3824203
Conc: 23.81 ng/ml



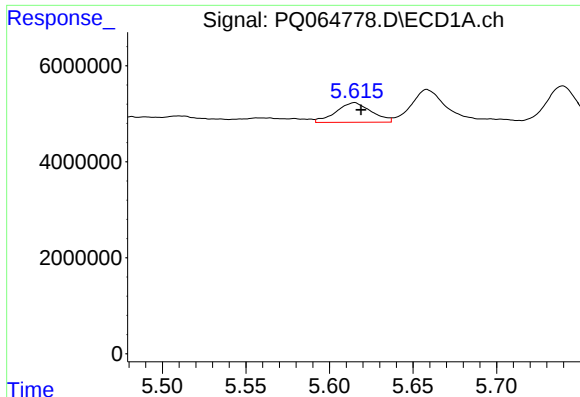
#26 AR-1254-1

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 6220072
Conc: 37.06 ng/ml



#26 AR-1254-1

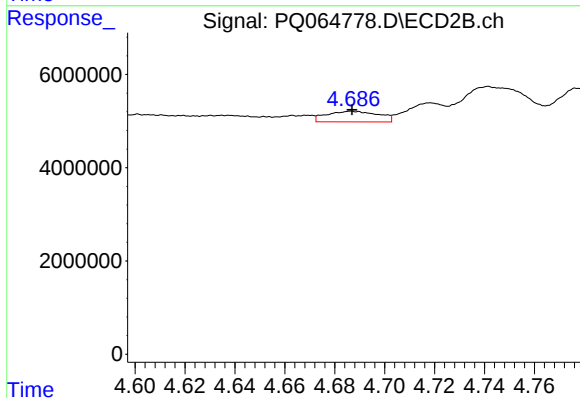
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 6505325
Conc: 27.01 ng/ml



#27 AR-1254-2

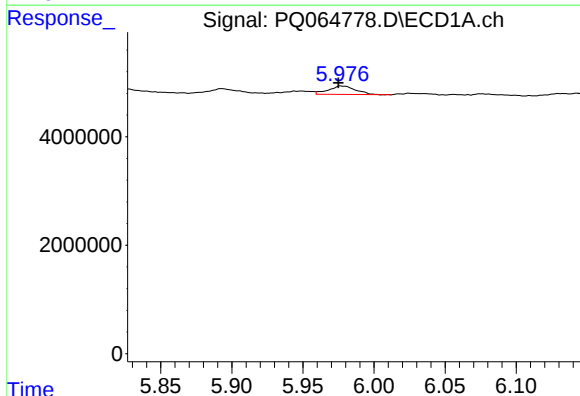
R.T.: 5.615 min
Delta R.T.: -0.004 min
Response: 6053393
Conc: 23.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



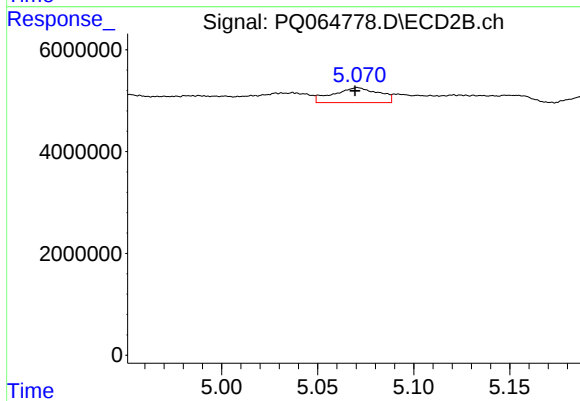
#27 AR-1254-2

R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 3274717
Conc: 15.77 ng/ml



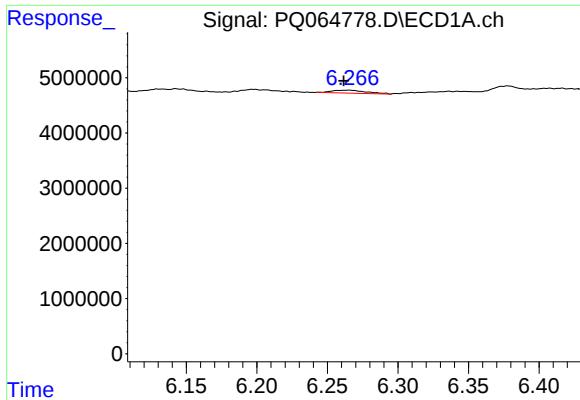
#28 AR-1254-3

R.T.: 5.977 min
Delta R.T.: 0.002 min
Response: 2077195
Conc: 7.69 ng/ml



#28 AR-1254-3

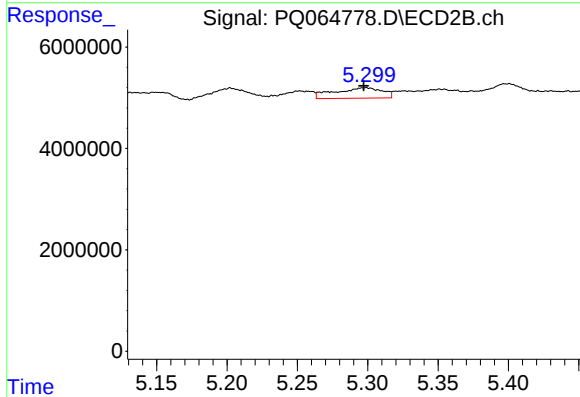
R.T.: 5.071 min
Delta R.T.: 0.001 min
Response: 4851744
Conc: 15.59 ng/ml



#29 AR-1254-4

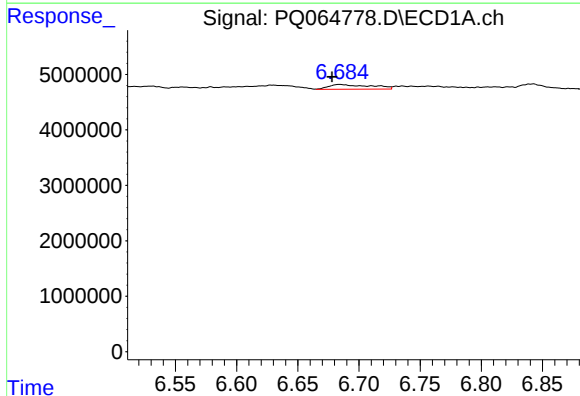
R.T.: 6.265 min
Delta R.T.: 0.003 min
Response: 905689
Conc: 4.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



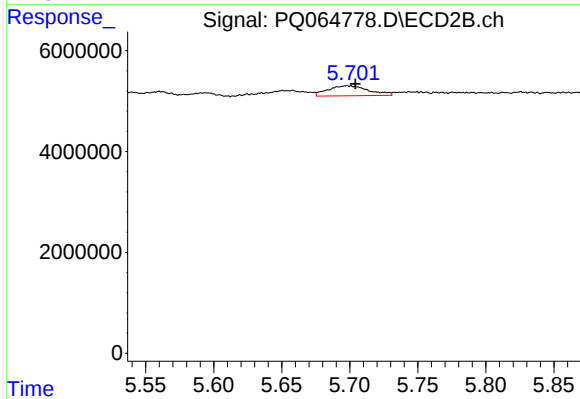
#29 AR-1254-4

R.T.: 5.299 min
Delta R.T.: 0.002 min
Response: 4866232
Conc: 24.96 ng/ml



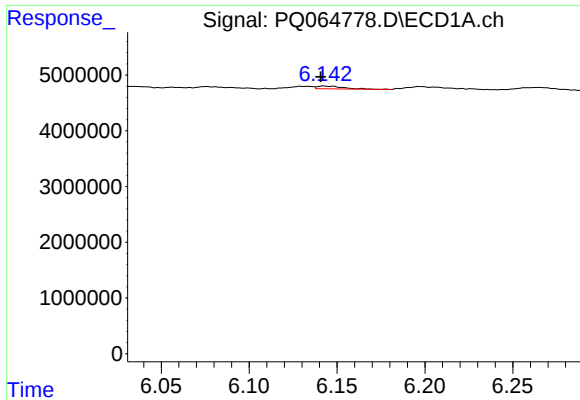
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: 0.006 min
Response: 2054161
Conc: 9.48 ng/ml



#30 AR-1254-5

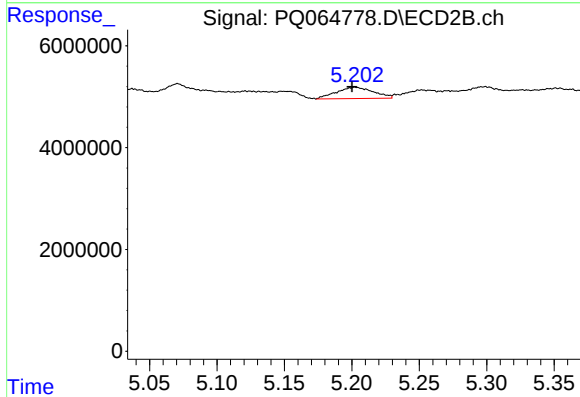
R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 4106003
Conc: 14.52 ng/ml



#31 AR-1260-1

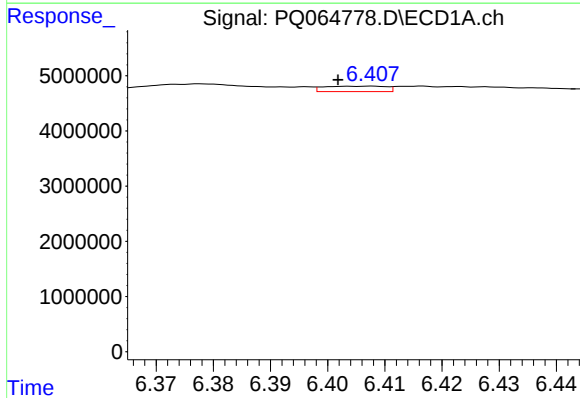
R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 499826
Conc: 2.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



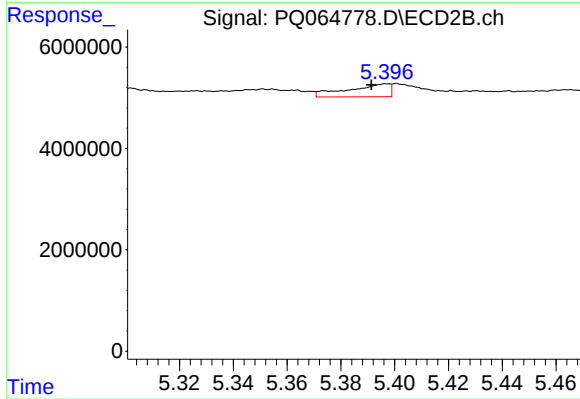
#31 AR-1260-1

R.T.: 5.202 min
Delta R.T.: 0.002 min
Response: 4265011
Conc: 19.15 ng/ml



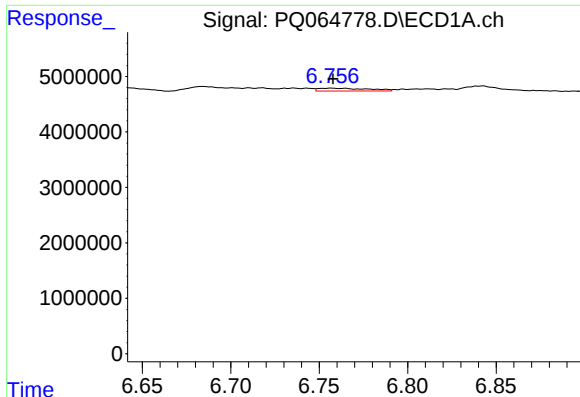
#32 AR-1260-2

R.T.: 6.407 min
Delta R.T.: 0.006 min
Response: 743707
Conc: 2.98 ng/ml



#32 AR-1260-2

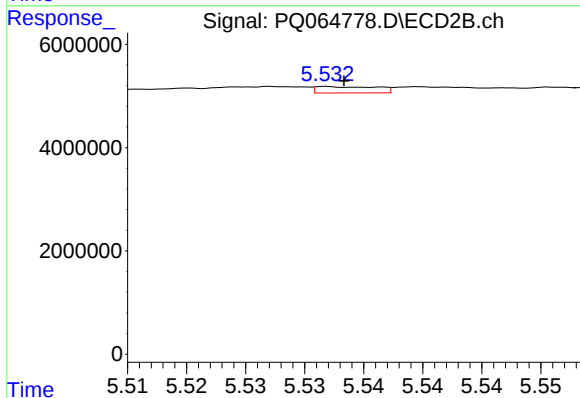
R.T.: 5.397 min
Delta R.T.: 0.006 min
Response: 2745381
Conc: 10.35 ng/ml



#33 AR-1260-3

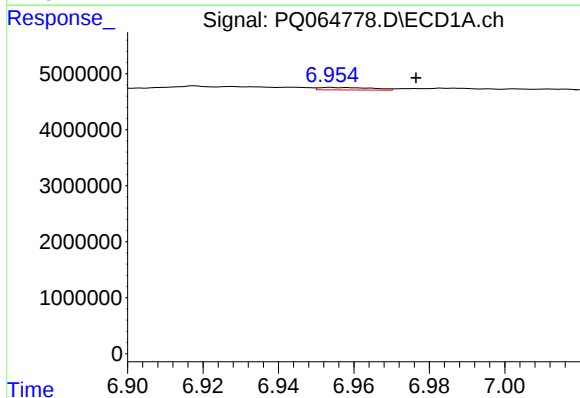
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 991303
Conc: 5.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



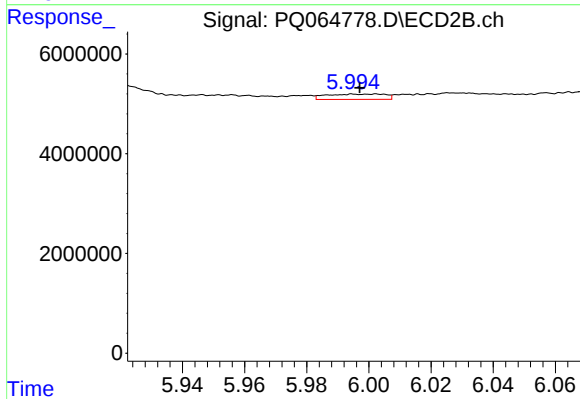
#33 AR-1260-3

R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 441158
Conc: 1.74 ng/ml



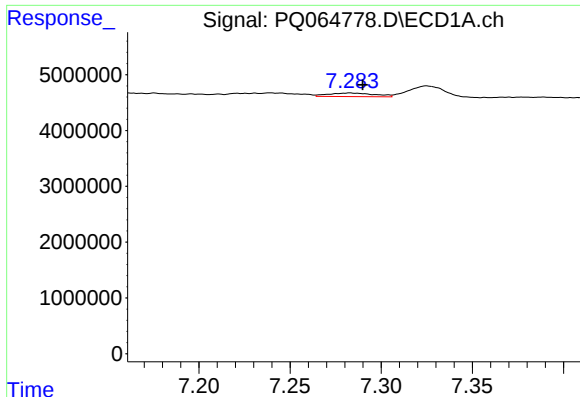
#34 AR-1260-4

R.T.: 6.954 min
Delta R.T.: -0.023 min
Response: 444572
Conc: 2.13 ng/ml



#34 AR-1260-4

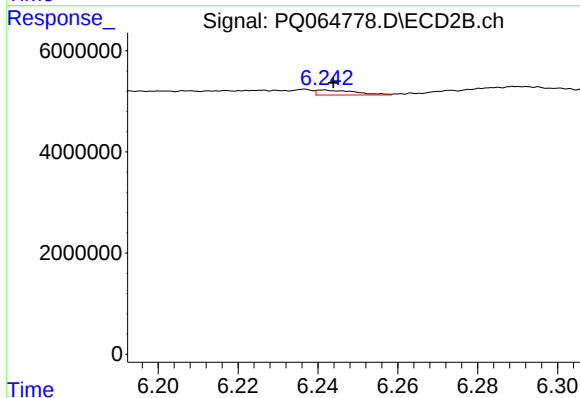
R.T.: 6.003 min
Delta R.T.: 0.006 min
Response: 1405084
Conc: 5.99 ng/ml



#35 AR-1260-5

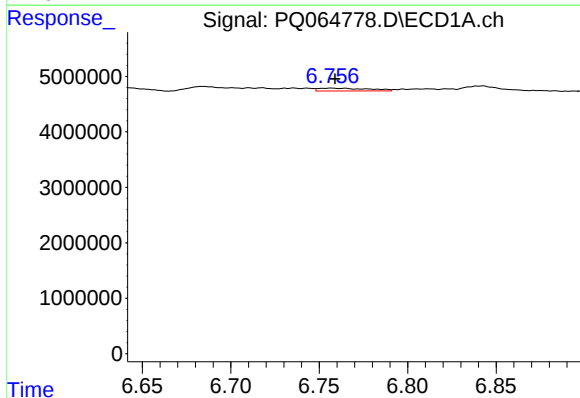
R.T.: 7.283 min
Delta R.T.: -0.007 min
Response: 1126820
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



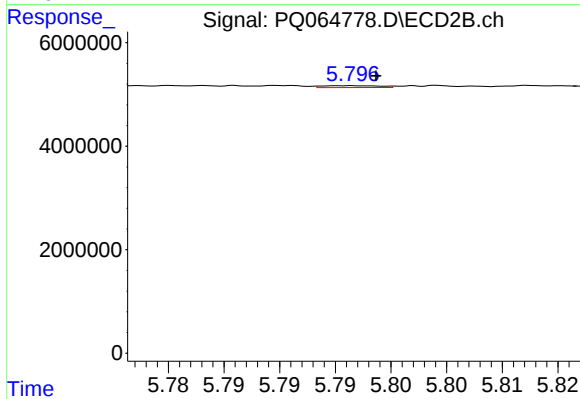
#35 AR-1260-5

R.T.: 6.242 min
Delta R.T.: -0.002 min
Response: 658048
Conc: 1.13 ng/ml



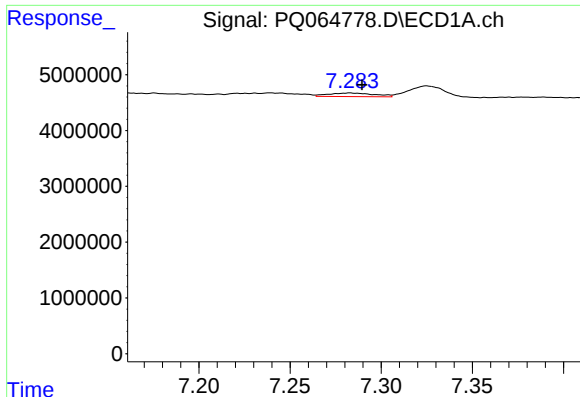
#36 AR-1262-1

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 991303
Conc: 3.48 ng/ml



#36 AR-1262-1

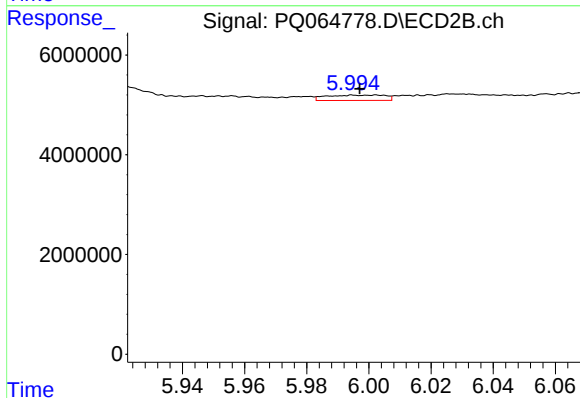
R.T.: 5.796 min
Delta R.T.: -0.002 min
Response: 127295
Conc: 0.99 ng/ml



#37 AR-1262-2

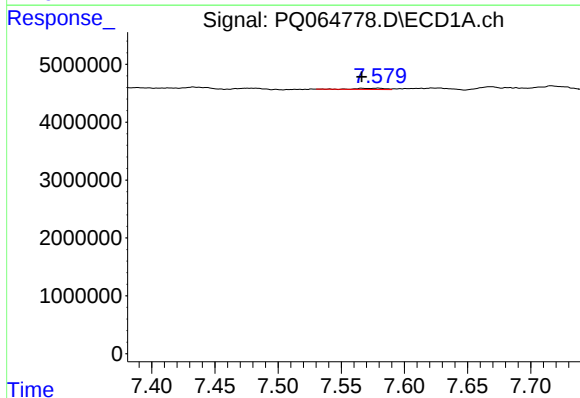
R.T.: 7.283 min
Delta R.T.: -0.007 min
Response: 1126820
Conc: 2.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



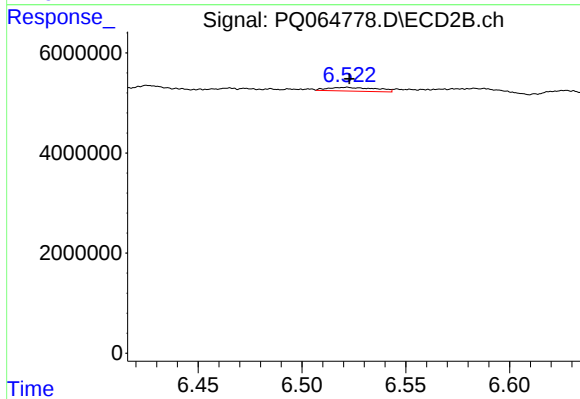
#37 AR-1262-2

R.T.: 6.003 min
Delta R.T.: 0.006 min
Response: 1405084
Conc: 4.69 ng/ml



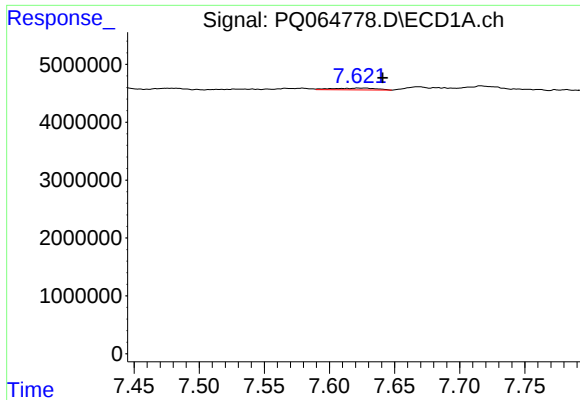
#38 AR-1262-3

R.T.: 7.579 min
Delta R.T.: 0.013 min
Response: 333067
Conc: 1.07 ng/ml



#38 AR-1262-3

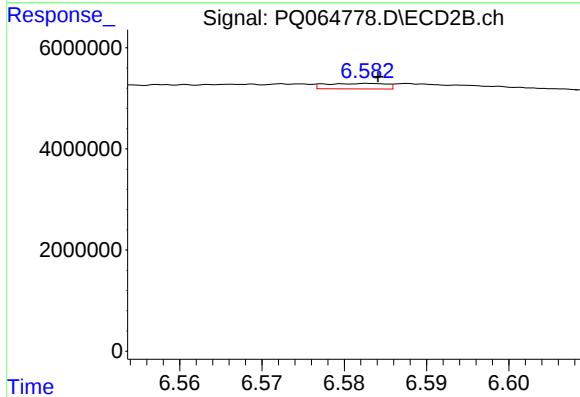
R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 1230265
Conc: 4.10 ng/ml



#39 AR-1262-4

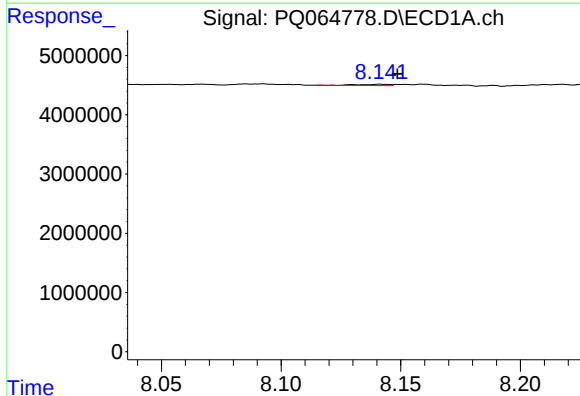
R.T.: 7.622 min
Delta R.T.: -0.019 min
Response: 726086
Conc: 2.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



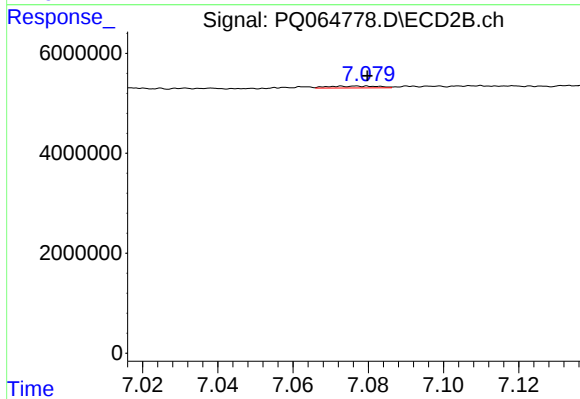
#39 AR-1262-4

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 546859
Conc: 0.97 ng/ml



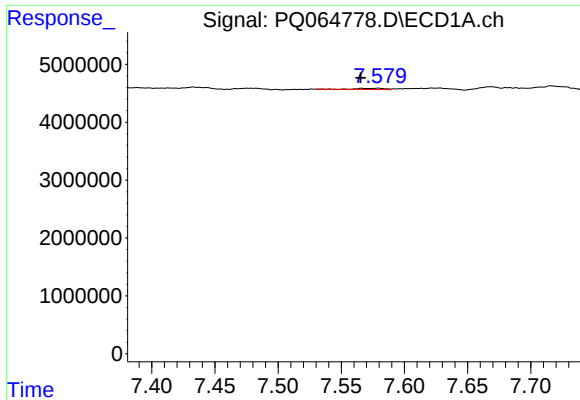
#40 AR-1262-5

R.T.: 8.142 min
Delta R.T.: -0.007 min
Response: 182072
Conc: 1.15 ng/ml



#40 AR-1262-5

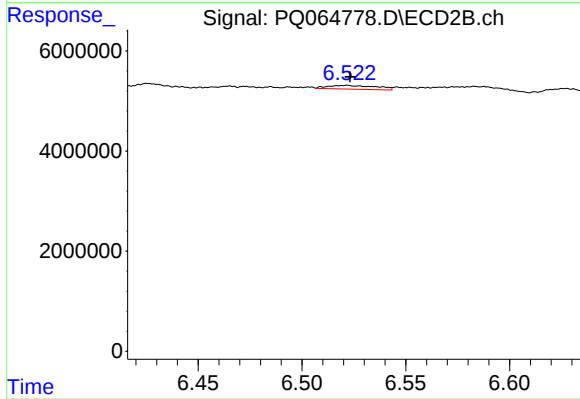
R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 351175
Conc: 1.20 ng/ml



#41 AR-1268-1

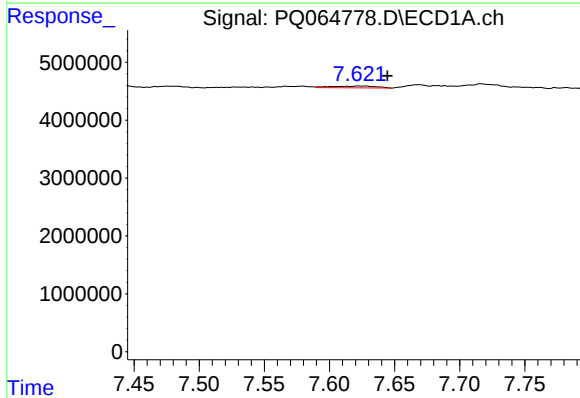
R.T.: 7.579 min
Delta R.T.: 0.014 min
Response: 333067
Conc: 0.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



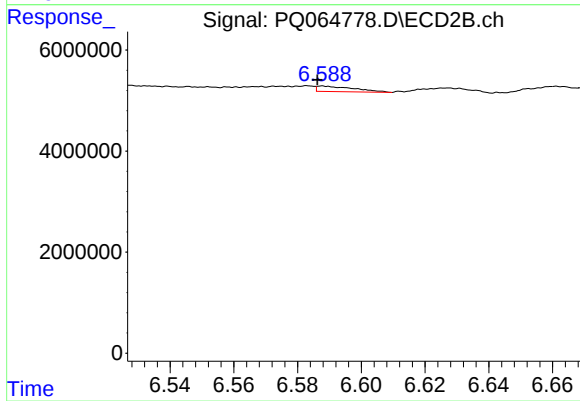
#41 AR-1268-1

R.T.: 6.522 min
Delta R.T.: -0.001 min
Response: 1230265
Conc: 1.48 ng/ml



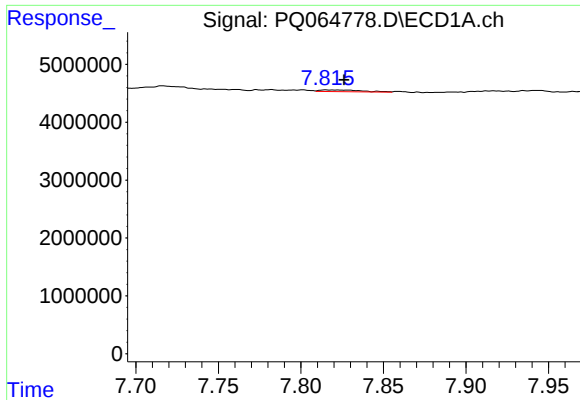
#42 AR-1268-2

R.T.: 7.621 min
Delta R.T.: -0.023 min
Response: 726086
Conc: 1.52 ng/ml



#42 AR-1268-2

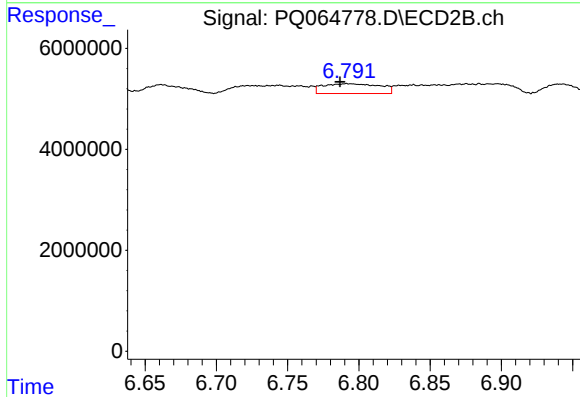
R.T.: 6.588 min
Delta R.T.: 0.002 min
Response: 893791
Conc: 1.17 ng/ml



#43 AR-1268-3

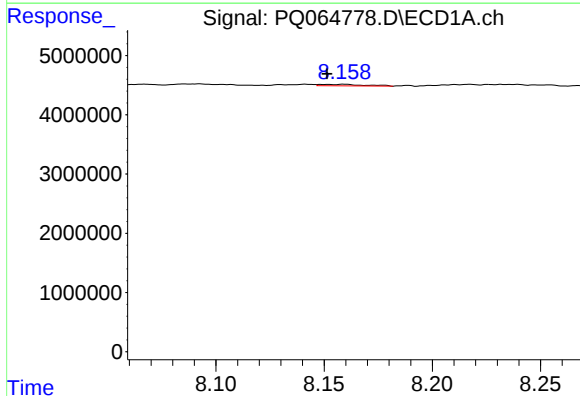
R.T.: 7.815 min
Delta R.T.: -0.011 min
Response: 541602
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



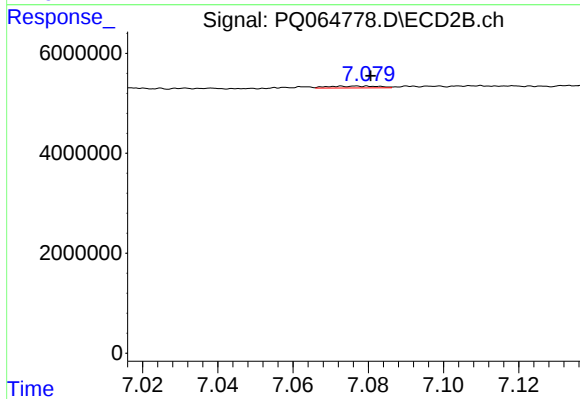
#43 AR-1268-3

R.T.: 6.791 min
Delta R.T.: 0.005 min
Response: 5401272
Conc: 7.62 ng/ml



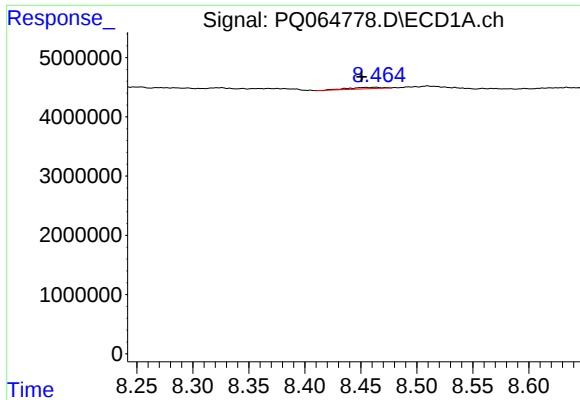
#44 AR-1268-4

R.T.: 8.159 min
Delta R.T.: 0.008 min
Response: 355804
Conc: 2.13 ng/ml



#44 AR-1268-4

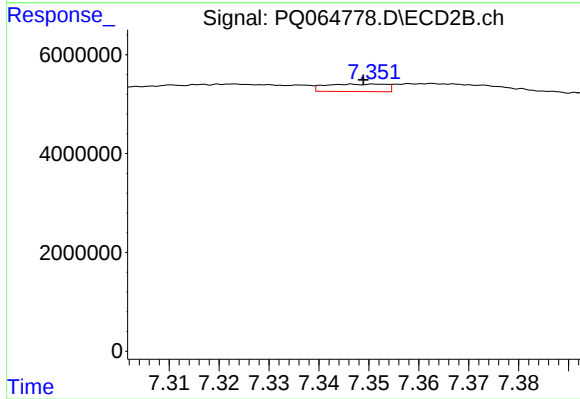
R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 351175
Conc: 1.14 ng/ml



#45 AR-1268-5

R.T.: 8.463 min
Delta R.T.: 0.012 min
Response: 523822
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.347 min
Delta R.T.: -0.002 min
Response: 1274197
Conc: 0.67 ng/ml