

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071323\
 Data File : PQ062179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 09:21
 Operator : YP\AJ
 Sample : I.BLK
 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: Jul 13 22:46:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.409	2.757	114.0E6	65867111	23.366	26.251
2)	SA Decachlor...	8.592	7.529	76672097	73601719	21.106	22.088
Target Compounds							
3)	L1 AR-1016-1	4.512	3.766	15943	153303	0.097	1.549 #
4)	L1 AR-1016-2	4.529	3.766	95600	153303	0.387	1.063 #
5)	L1 AR-1016-3	4.546f	3.944	1696556	297619	11.132	3.945 #
6)	L1 AR-1016-4	0.000	3.986	0	116433	N.D.	1.773 #
7)	L1 AR-1016-5	4.977	4.183	1643584	1511737	13.503	18.440 #
8)	L2 AR-1221-1	3.622	2.961	1360656	79955	22.637	2.423 #
9)	L2 AR-1221-2	3.687	3.049	1973207	354953	43.915	13.975 #
10)	L2 AR-1221-3	3.741	3.100	426280	57481	3.034	0.746 #
11)	L3 AR-1232-1	3.741	3.100	426280	57481	4.037	1.003 #
12)	L3 AR-1232-2	4.242	3.766	111304	153303	1.882	2.303
13)	L3 AR-1232-3	4.529	3.944	95600	297619	0.845	8.613 #
14)	L3 AR-1232-4	0.000	4.011	0	1017999	N.D.	34.230 #
15)	L3 AR-1232-5	4.781	4.183	108101	1511737	2.699	42.392 #
16)	L4 AR-1242-1	4.512	3.766	15943	153303	0.122	1.982 #
17)	L4 AR-1242-2	4.529	3.766	95600	153303	0.492	1.379 #
18)	L4 AR-1242-3	4.546f	3.944	1696556	297619	14.039	5.081 #
19)	L4 AR-1242-4	0.000	4.011	0	1017999	N.D.	17.364 #
20)	L4 AR-1242-5	5.421f	4.528	1109014	296293	11.585	3.574 #
21)	L5 AR-1248-1	4.512	3.766	15943	153303	0.153	2.452 #
22)	L5 AR-1248-2	4.781	3.986	108101	116433	0.752	1.242 #
23)	L5 AR-1248-3	4.977	4.011	1643584	1017999	9.462	11.243
24)	L5 AR-1248-4	5.333	4.183	4629646	1511737	24.121	13.397 #
25)	L5 AR-1248-5	5.421f	4.528f	1109014	296293	6.123	2.645 #
26)	L6 AR-1254-1	5.333	4.528	4629646	296293	24.915	1.835 #
27)	L6 AR-1254-2	5.555	4.684	132105	85905	0.454	0.583 #
28)	L6 AR-1254-3	5.882	5.050	1375542	867627	4.479	3.713
29)	L6 AR-1254-4	0.000	5.283	0	97390	N.D.	0.639 #
30)	L6 AR-1254-5	0.000	5.676	0	611169	N.D.	2.648 #
31)	L7 AR-1260-1	6.071	5.220f	606125	36429	2.569	0.219 #
32)	L7 AR-1260-2	6.321	5.358	1558450	164421	5.396	0.791 #
33)	L7 AR-1260-3	6.662	5.502	52841	325565	0.299	1.673 #
34)	L7 AR-1260-4	6.894	5.982	77409	545587	0.367	3.740 #
35)	L7 AR-1260-5	7.241f	6.172f	286589	565989	0.698	1.704 #
36)	L8 AR-1262-1	6.662	5.718	52841	272857	0.173	1.174 #
37)	L8 AR-1262-2	7.241f	5.982	286589	545587	0.544	2.523 #
38)	L8 AR-1262-3	0.000	6.468	0	426707	N.D.	2.448 #
39)	L8 AR-1262-4	7.535	6.551	50934	410418	0.191	1.273 #
40)	L8 AR-1262-5	0.000	7.037	0	212750	N.D.	1.372 #
41)	L9 AR-1268-1	0.000	6.468	0	426707	N.D.	0.907 #

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 Quant Time: Jul 13 22:46:54 2023
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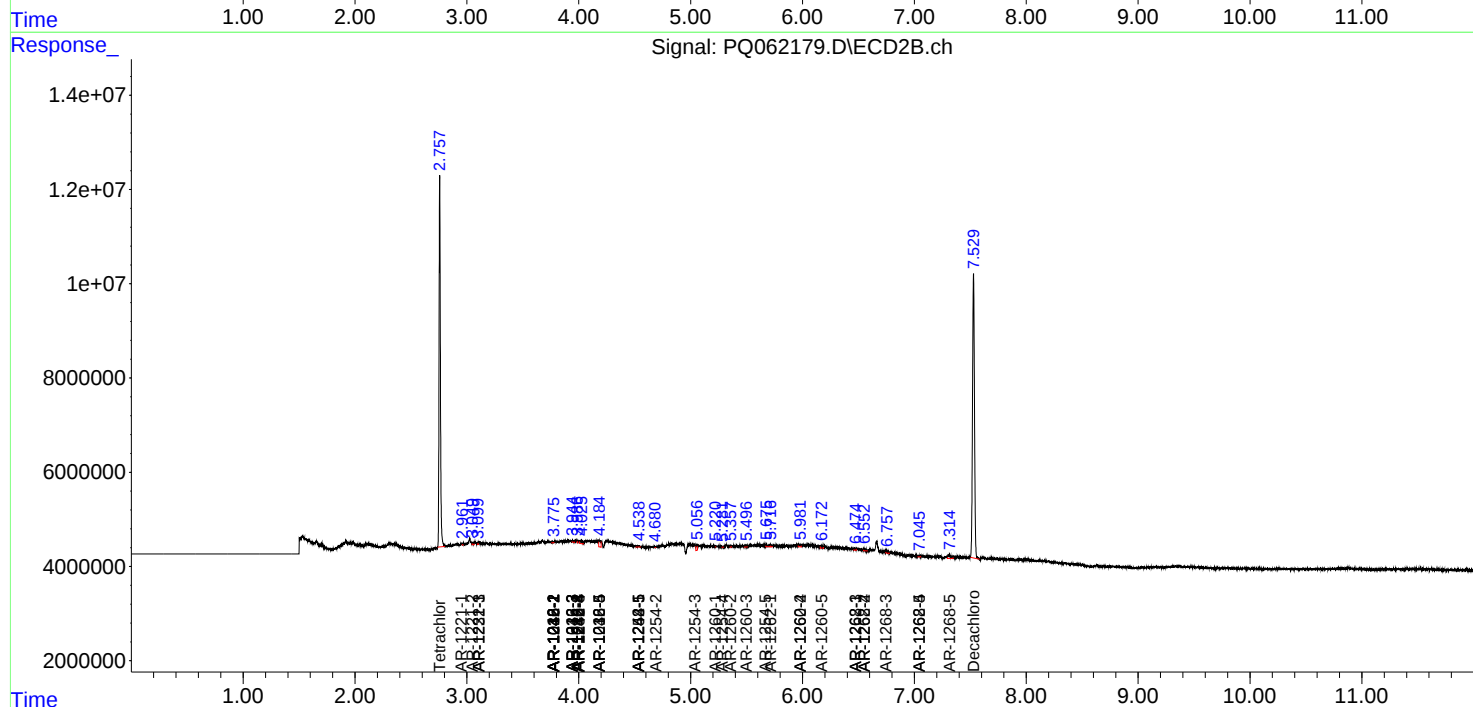
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

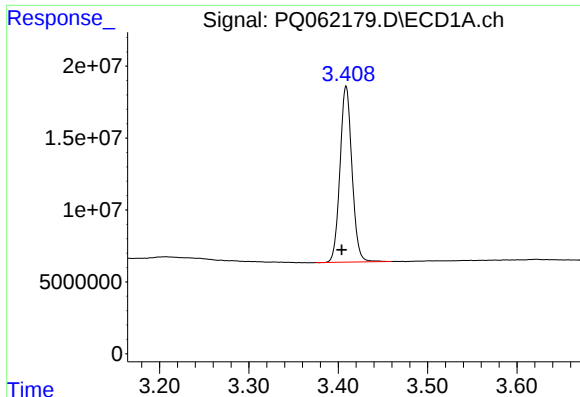
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.535	6.551	50934	410418	0.100	0.969 #
43) L9	AR-1268-3	7.731	6.752	191664	509236	0.449	1.383 #
44) L9	AR-1268-4	0.000	7.037	0	212750	N.D.	1.330 #
45) L9	AR-1268-5	8.357	7.314	686572	1308452	0.545	1.121 #

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

Instrument :
ECD_Q
ClientSampleId :

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

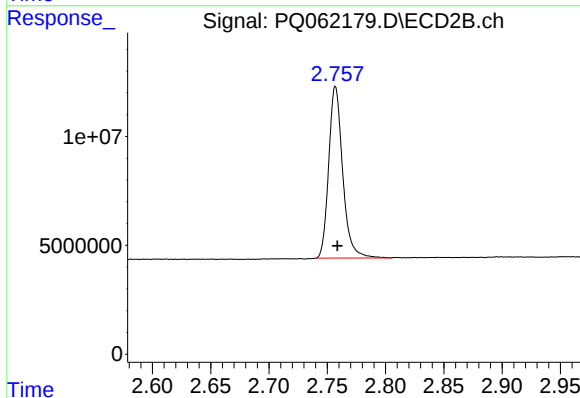




#1 Tetrachloro-m-xylene

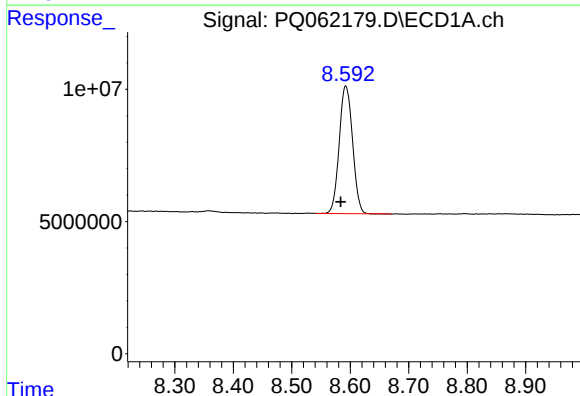
R.T.: 3.409 min
Delta R.T.: 0.005 min
Response: 113982214
Conc: 23.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



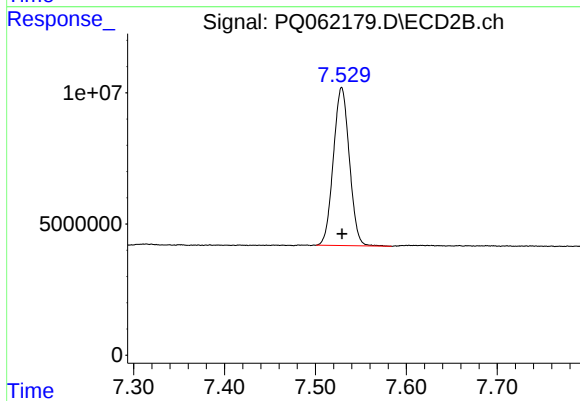
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: -0.002 min
Response: 65867111
Conc: 26.25 ng/ml



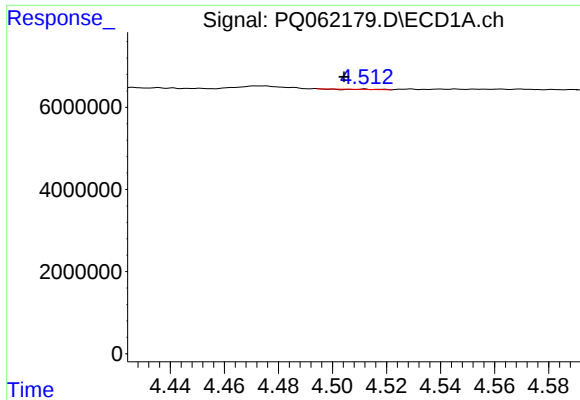
#2 Decachlorobiphenyl

R.T.: 8.592 min
Delta R.T.: 0.009 min
Response: 76672097
Conc: 21.11 ng/ml



#2 Decachlorobiphenyl

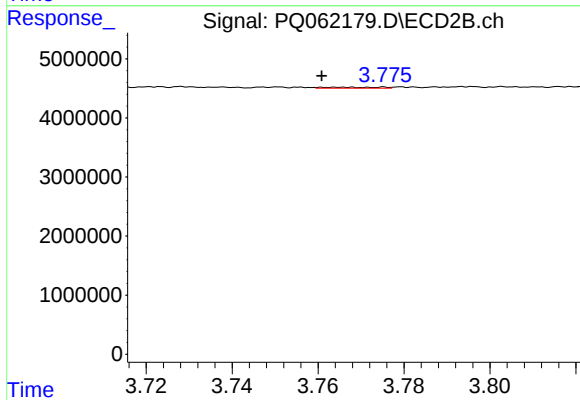
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 73601719
Conc: 22.09 ng/ml



#3 AR-1016-1

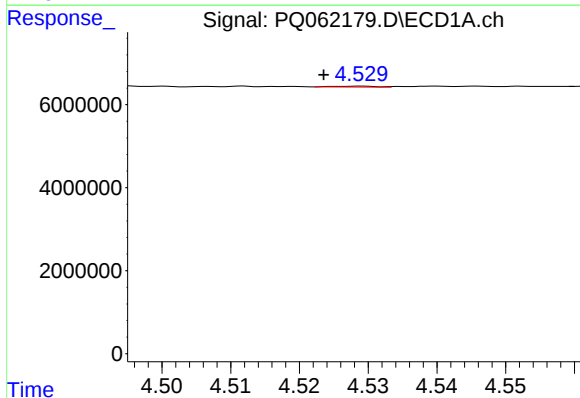
R.T.: 4.512 min
Delta R.T.: 0.008 min
Response: 15943
Conc: 0.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



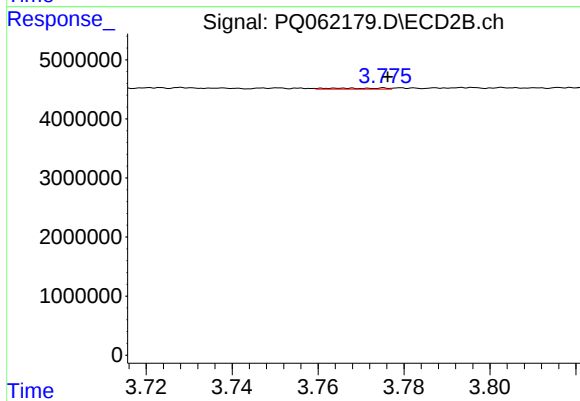
#3 AR-1016-1

R.T.: 3.766 min
Delta R.T.: 0.005 min
Response: 153303
Conc: 1.55 ng/ml



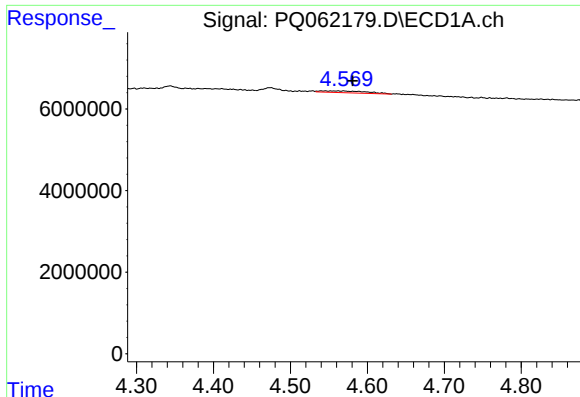
#4 AR-1016-2

R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 95600
Conc: 0.39 ng/ml



#4 AR-1016-2

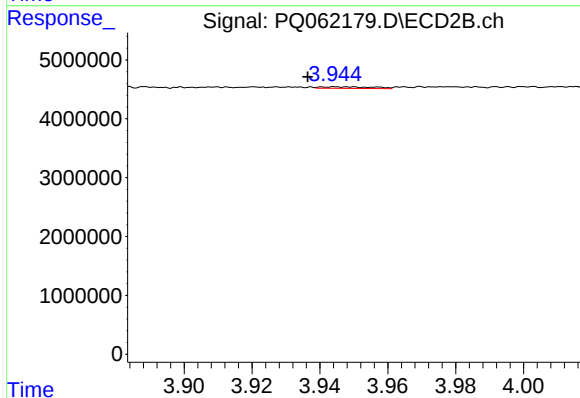
R.T.: 3.766 min
Delta R.T.: -0.010 min
Response: 153303
Conc: 1.06 ng/ml



#5 AR-1016-3

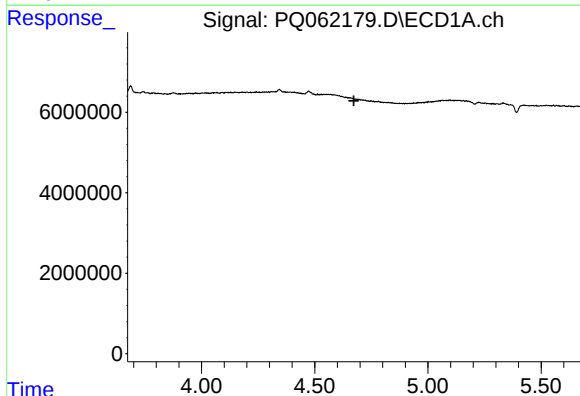
R.T.: 4.546 min
Delta R.T.: -0.035 min
Response: 1696556
Conc: 11.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



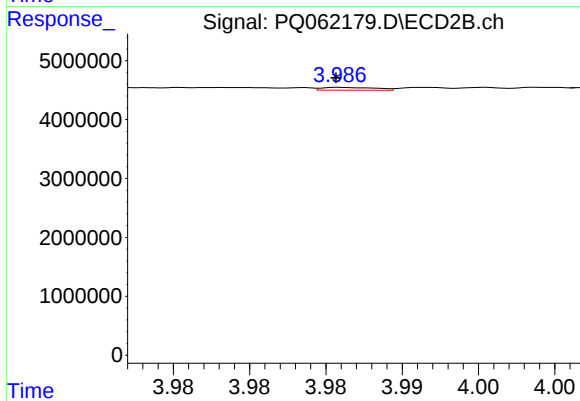
#5 AR-1016-3

R.T.: 3.944 min
Delta R.T.: 0.008 min
Response: 297619
Conc: 3.94 ng/ml



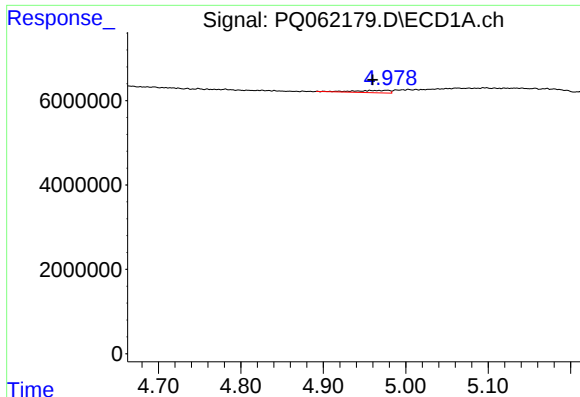
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 4.673 min
Response: 0
Conc: N.D.



#6 AR-1016-4

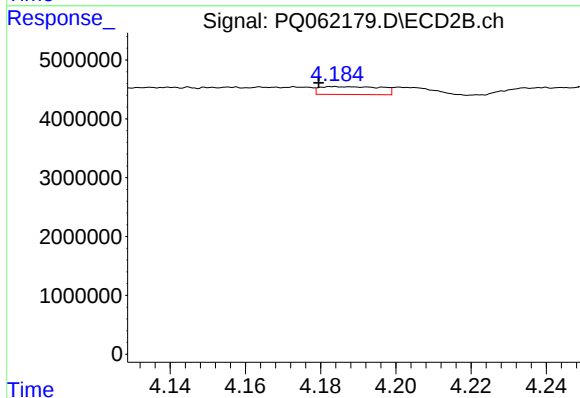
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 116433
Conc: 1.77 ng/ml



#7 AR-1016-5

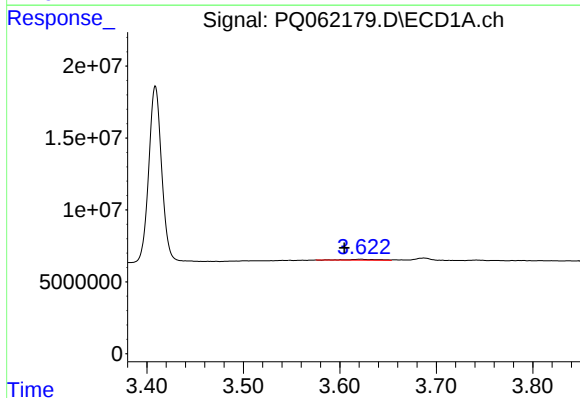
R.T.: 4.977 min
Delta R.T.: 0.017 min
Response: 1643584
Conc: 13.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



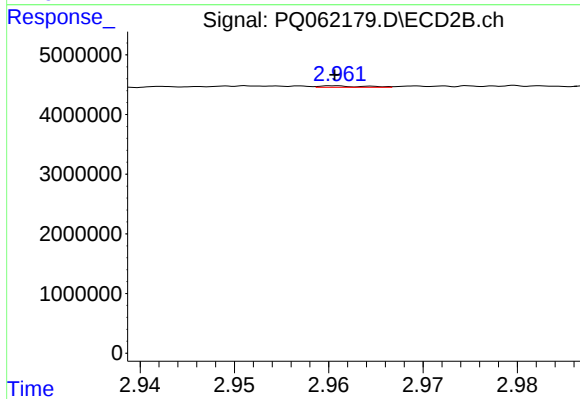
#7 AR-1016-5

R.T.: 4.183 min
Delta R.T.: 0.004 min
Response: 1511737
Conc: 18.44 ng/ml



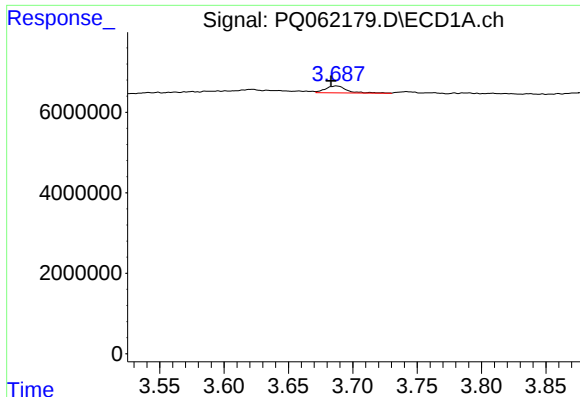
#8 AR-1221-1

R.T.: 3.622 min
Delta R.T.: 0.017 min
Response: 1360656
Conc: 22.64 ng/ml



#8 AR-1221-1

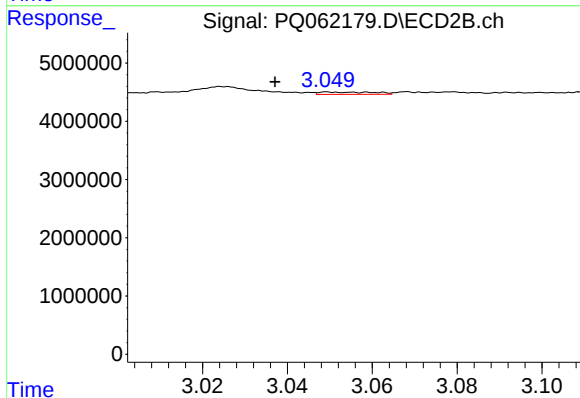
R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 79955
Conc: 2.42 ng/ml



#9 AR-1221-2

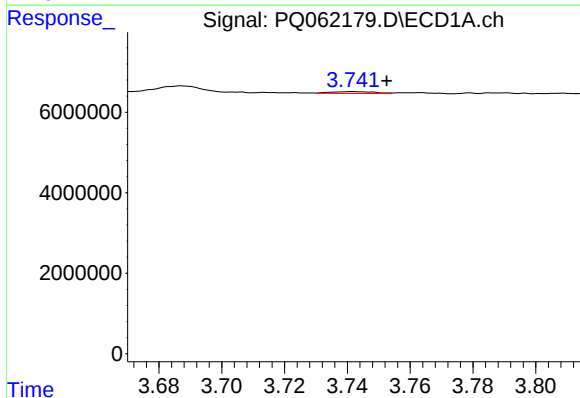
R.T.: 3.687 min
Delta R.T.: 0.004 min
Response: 1973207
Conc: 43.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



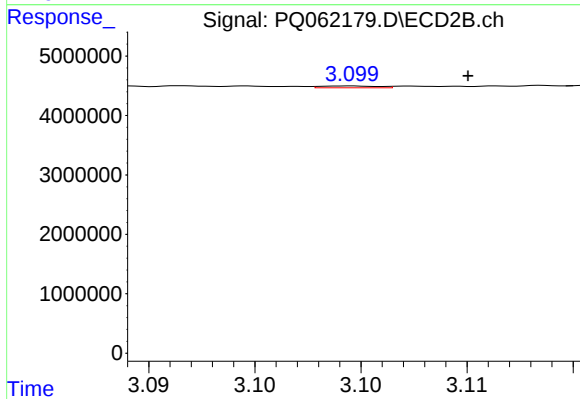
#9 AR-1221-2

R.T.: 3.049 min
Delta R.T.: 0.012 min
Response: 354953
Conc: 13.97 ng/ml



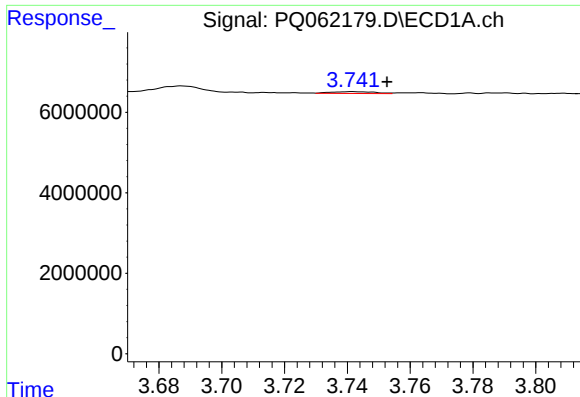
#10 AR-1221-3

R.T.: 3.741 min
Delta R.T.: -0.011 min
Response: 426280
Conc: 3.03 ng/ml



#10 AR-1221-3

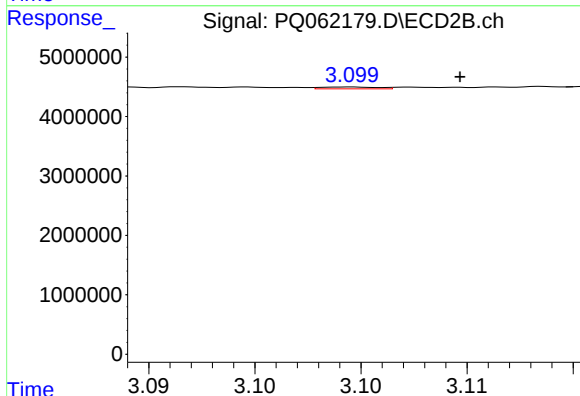
R.T.: 3.100 min
Delta R.T.: -0.005 min
Response: 57481
Conc: 0.75 ng/ml



#11 AR-1232-1

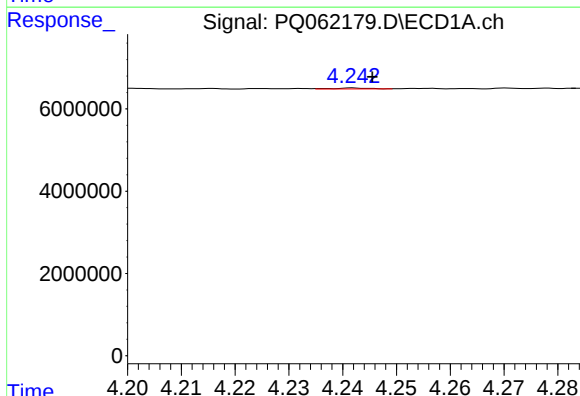
R.T.: 3.741 min
Delta R.T.: -0.011 min
Response: 426280
Conc: 4.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



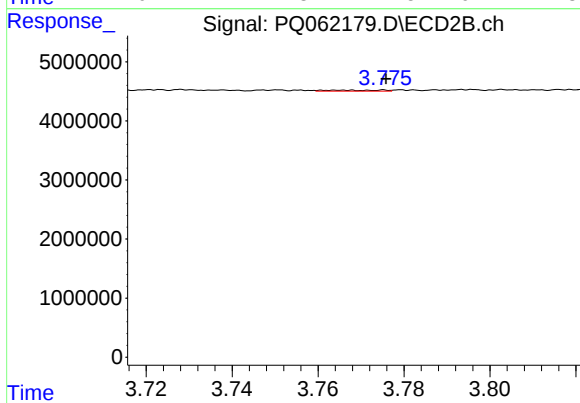
#11 AR-1232-1

R.T.: 3.100 min
Delta R.T.: -0.005 min
Response: 57481
Conc: 1.00 ng/ml



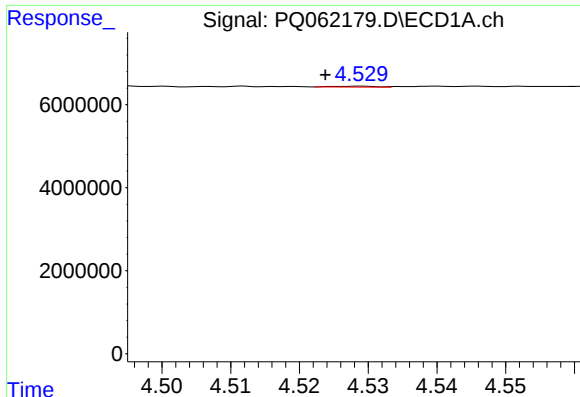
#12 AR-1232-2

R.T.: 4.242 min
Delta R.T.: -0.003 min
Response: 111304
Conc: 1.88 ng/ml



#12 AR-1232-2

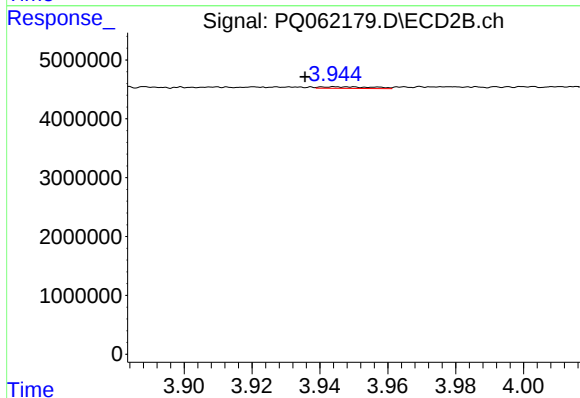
R.T.: 3.766 min
Delta R.T.: -0.010 min
Response: 153303
Conc: 2.30 ng/ml



#13 AR-1232-3

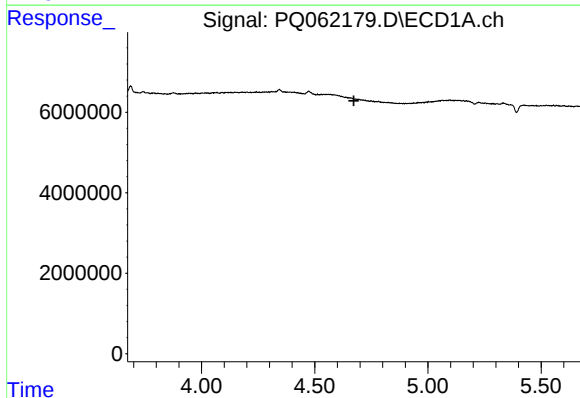
R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 95600
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



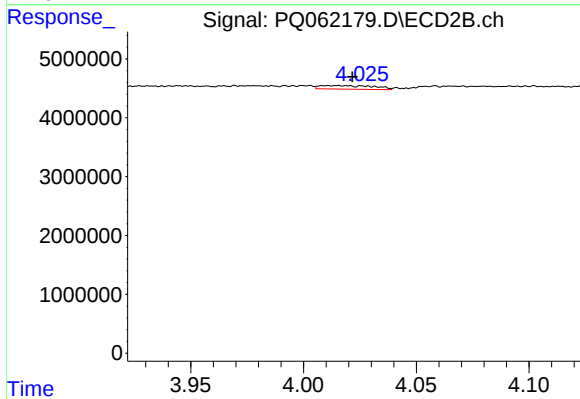
#13 AR-1232-3

R.T.: 3.944 min
Delta R.T.: 0.009 min
Response: 297619
Conc: 8.61 ng/ml



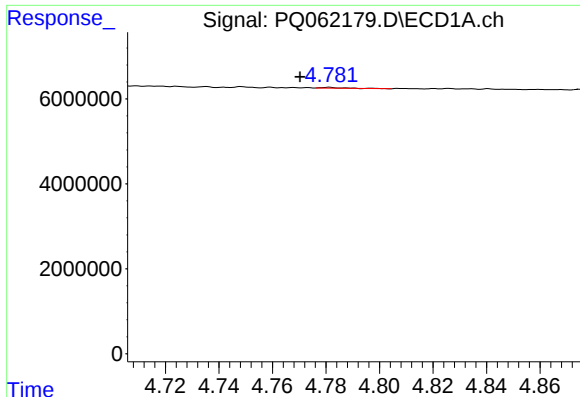
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.673 min
Response: 0
Conc: N.D.



#14 AR-1232-4

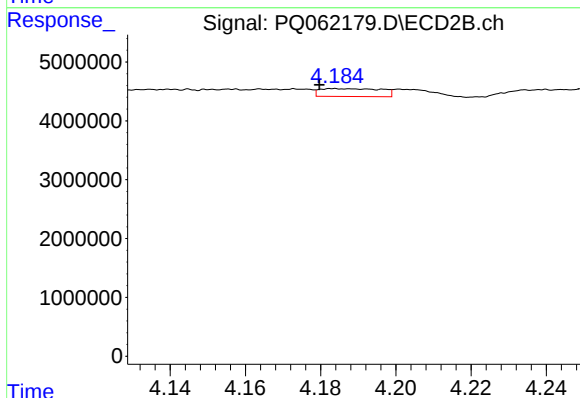
R.T.: 4.011 min
Delta R.T.: -0.011 min
Response: 1017999
Conc: 34.23 ng/ml



#15 AR-1232-5

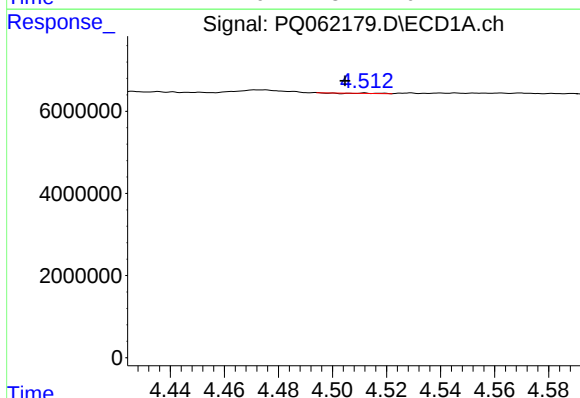
R.T.: 4.781 min
Delta R.T.: 0.011 min
Response: 108101
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



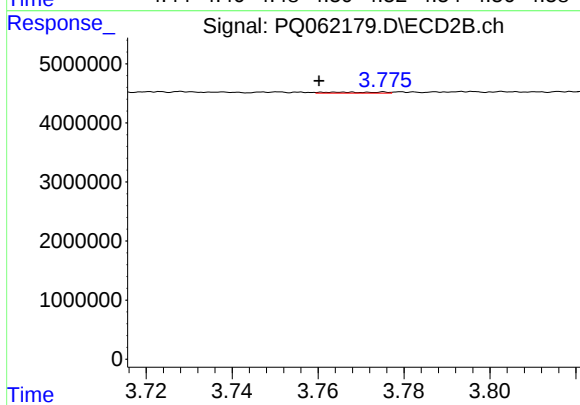
#15 AR-1232-5

R.T.: 4.183 min
Delta R.T.: 0.004 min
Response: 1511737
Conc: 42.39 ng/ml



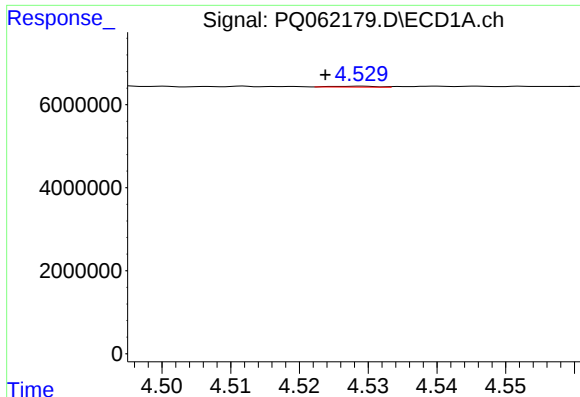
#16 AR-1242-1

R.T.: 4.512 min
Delta R.T.: 0.007 min
Response: 15943
Conc: 0.12 ng/ml



#16 AR-1242-1

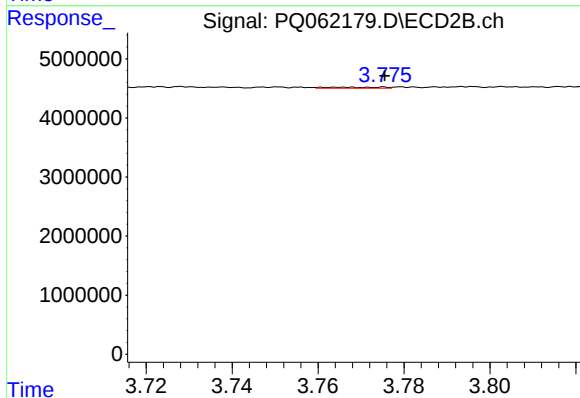
R.T.: 3.766 min
Delta R.T.: 0.006 min
Response: 153303
Conc: 1.98 ng/ml



#17 AR-1242-2

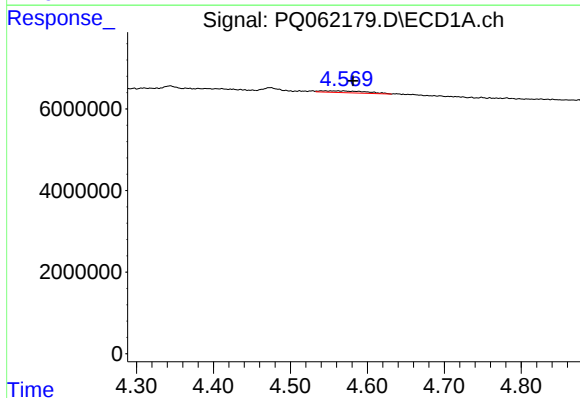
R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 95600
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



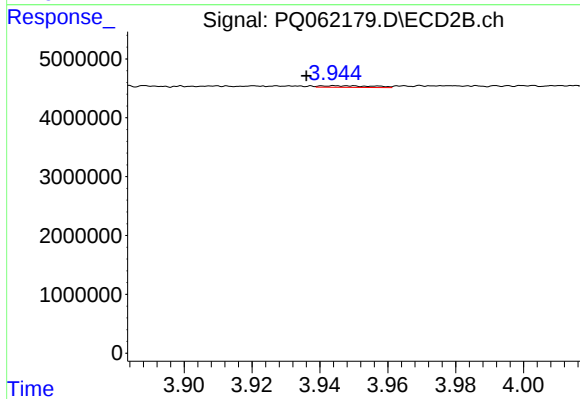
#17 AR-1242-2

R.T.: 3.766 min
Delta R.T.: -0.010 min
Response: 153303
Conc: 1.38 ng/ml



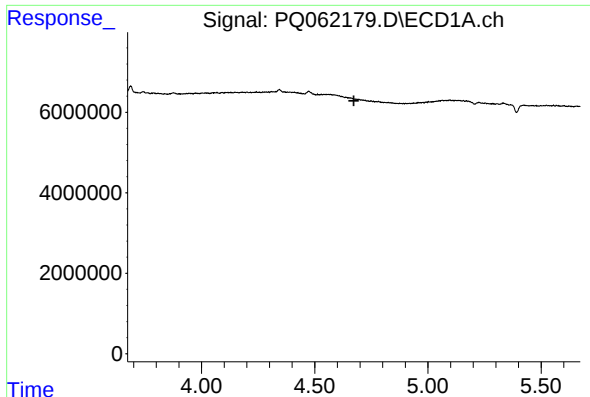
#18 AR-1242-3

R.T.: 4.546 min
Delta R.T.: -0.036 min
Response: 1696556
Conc: 14.04 ng/ml



#18 AR-1242-3

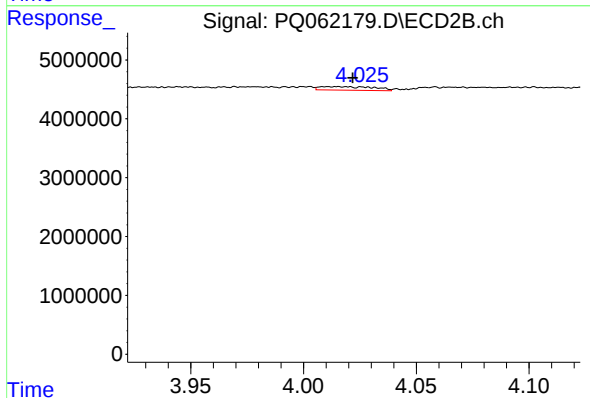
R.T.: 3.944 min
Delta R.T.: 0.008 min
Response: 297619
Conc: 5.08 ng/ml



#19 AR-1242-4

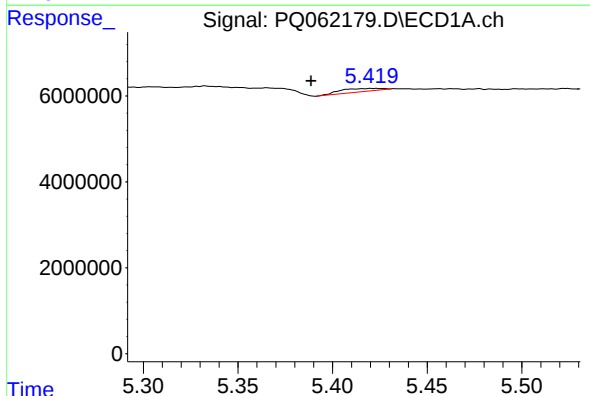
R.T.: 0.000 min
Exp R.T.: 4.673 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



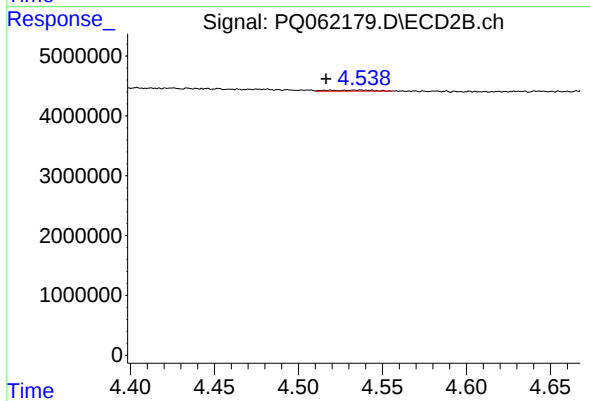
#19 AR-1242-4

R.T.: 4.011 min
Delta R.T.: -0.011 min
Response: 1017999
Conc: 17.36 ng/ml



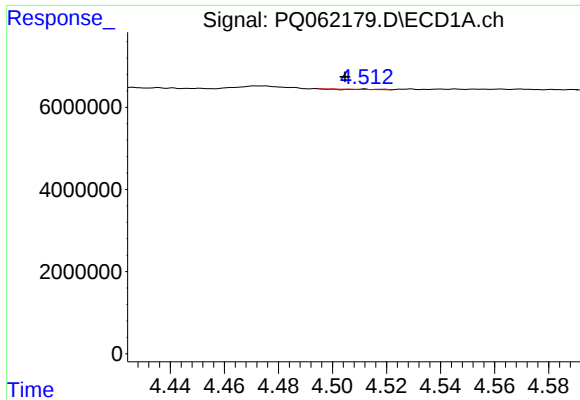
#20 AR-1242-5

R.T.: 5.421 min
Delta R.T.: 0.033 min
Response: 1109014
Conc: 11.58 ng/ml



#20 AR-1242-5

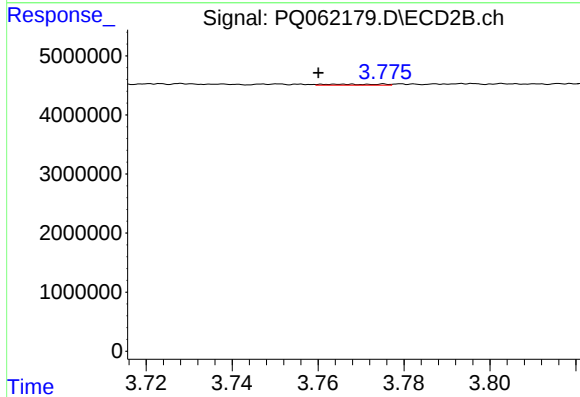
R.T.: 4.528 min
Delta R.T.: 0.011 min
Response: 296293
Conc: 3.57 ng/ml



#21 AR-1248-1

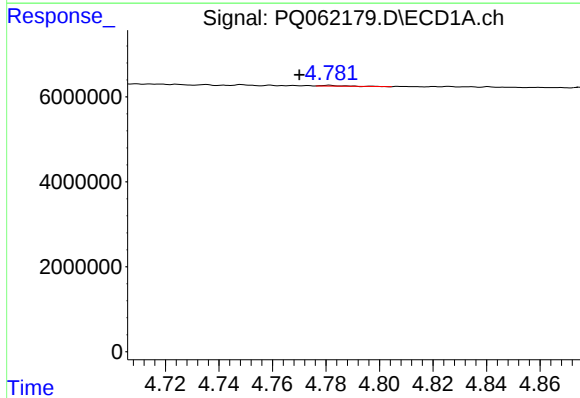
R.T.: 4.512 min
Delta R.T.: 0.007 min
Response: 15943
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



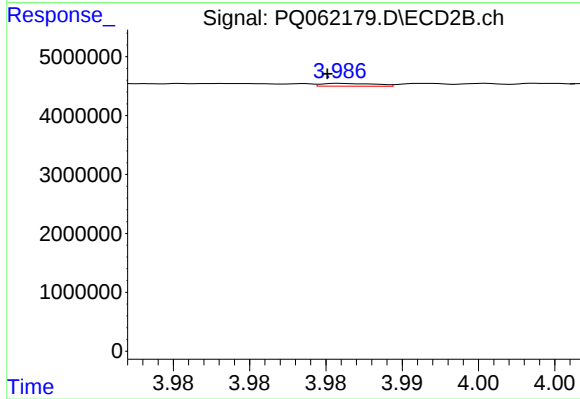
#21 AR-1248-1

R.T.: 3.766 min
Delta R.T.: 0.006 min
Response: 153303
Conc: 2.45 ng/ml



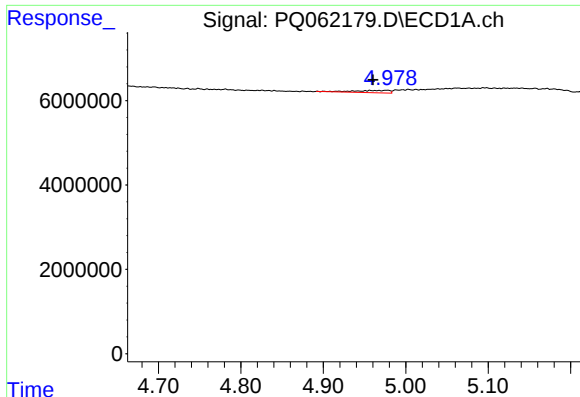
#22 AR-1248-2

R.T.: 4.781 min
Delta R.T.: 0.011 min
Response: 108101
Conc: 0.75 ng/ml



#22 AR-1248-2

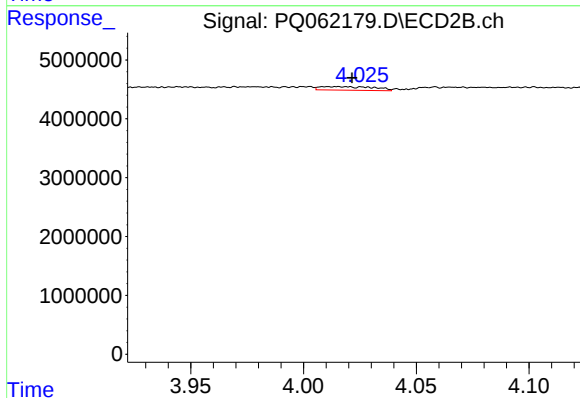
R.T.: 3.986 min
Delta R.T.: 0.001 min
Response: 116433
Conc: 1.24 ng/ml



#23 AR-1248-3

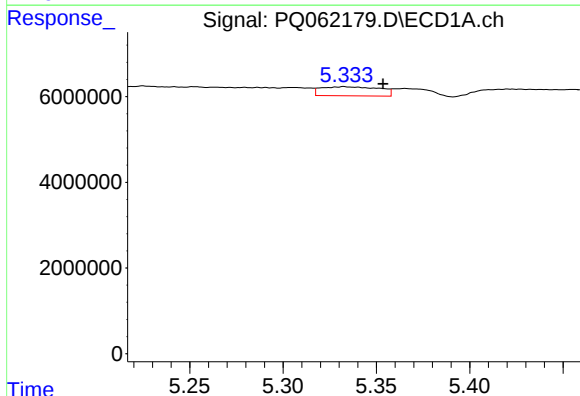
R.T.: 4.977 min
Delta R.T.: 0.017 min
Response: 1643584
Conc: 9.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



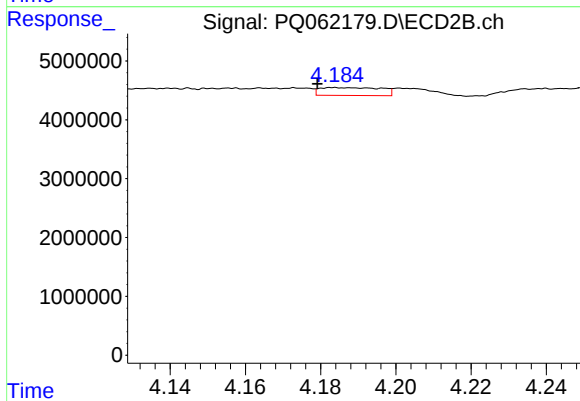
#23 AR-1248-3

R.T.: 4.011 min
Delta R.T.: -0.011 min
Response: 1017999
Conc: 11.24 ng/ml



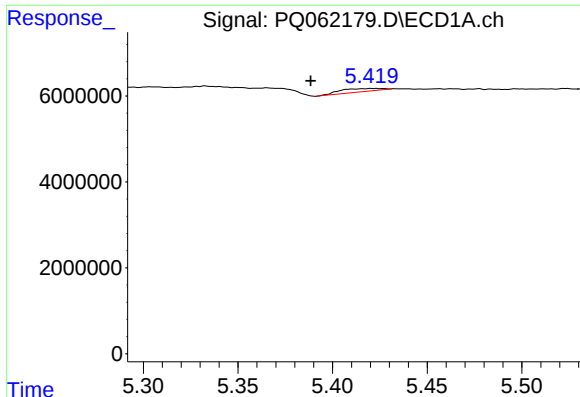
#24 AR-1248-4

R.T.: 5.333 min
Delta R.T.: -0.021 min
Response: 4629646
Conc: 24.12 ng/ml



#24 AR-1248-4

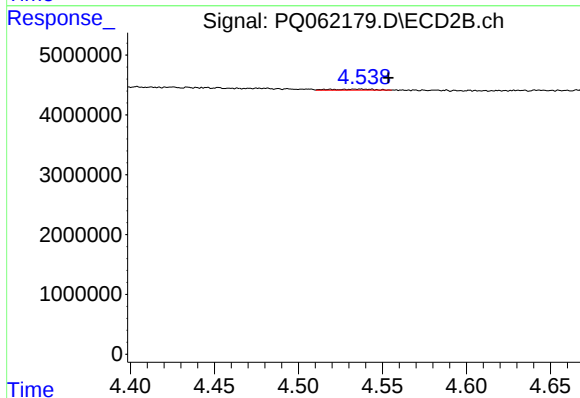
R.T.: 4.183 min
Delta R.T.: 0.004 min
Response: 1511737
Conc: 13.40 ng/ml



#25 AR-1248-5

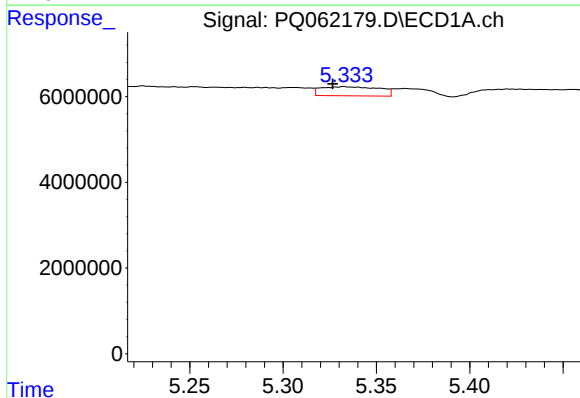
R.T.: 5.421 min
Delta R.T.: 0.033 min
Response: 1109014
Conc: 6.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



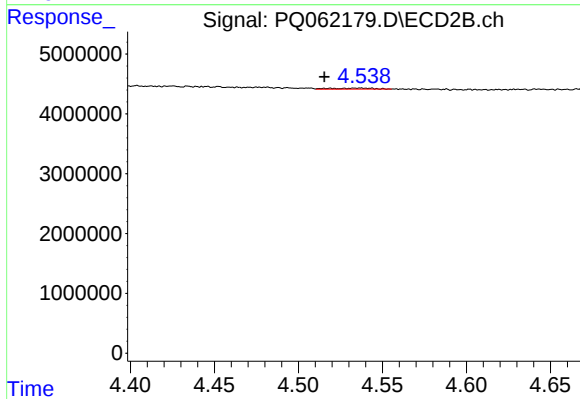
#25 AR-1248-5

R.T.: 4.528 min
Delta R.T.: -0.026 min
Response: 296293
Conc: 2.64 ng/ml



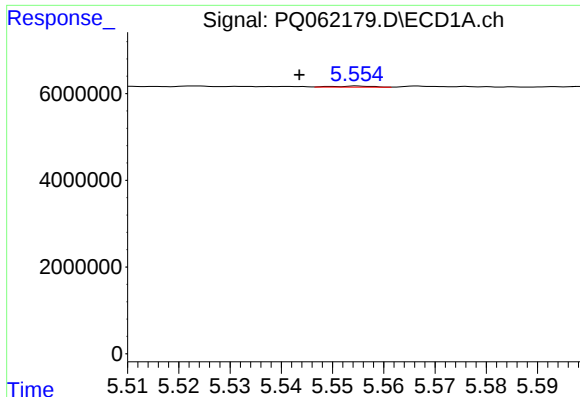
#26 AR-1254-1

R.T.: 5.333 min
Delta R.T.: 0.006 min
Response: 4629646
Conc: 24.91 ng/ml



#26 AR-1254-1

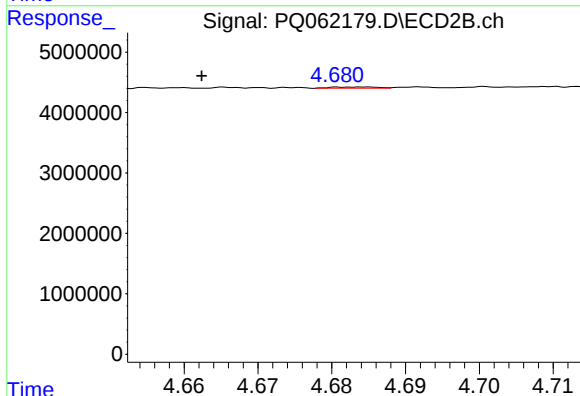
R.T.: 4.528 min
Delta R.T.: 0.012 min
Response: 296293
Conc: 1.84 ng/ml



#27 AR-1254-2

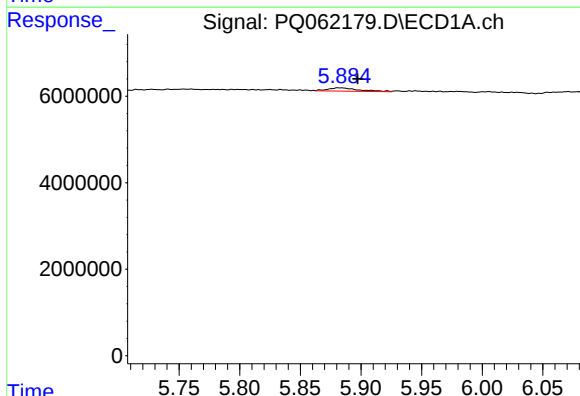
R.T.: 5.555 min
Delta R.T.: 0.011 min
Response: 132105
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



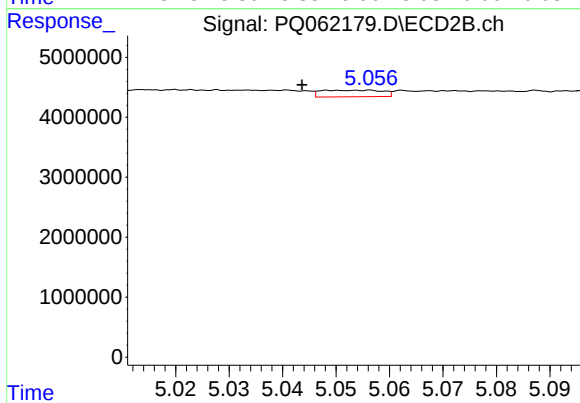
#27 AR-1254-2

R.T.: 4.684 min
Delta R.T.: 0.021 min
Response: 85905
Conc: 0.58 ng/ml



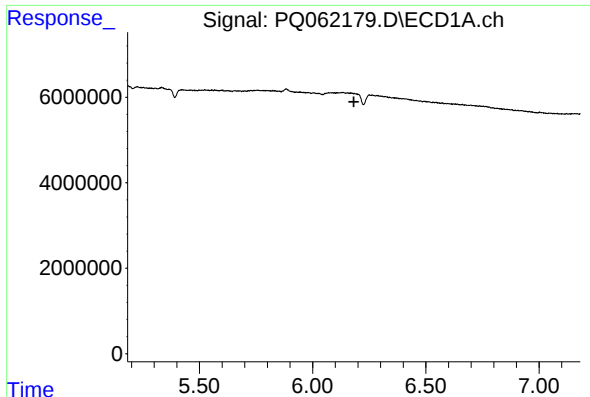
#28 AR-1254-3

R.T.: 5.882 min
Delta R.T.: -0.015 min
Response: 1375542
Conc: 4.48 ng/ml



#28 AR-1254-3

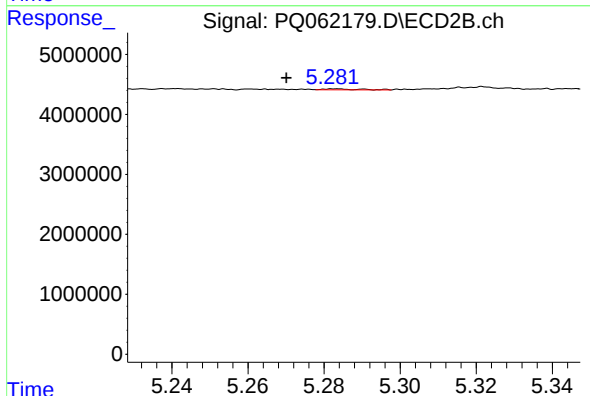
R.T.: 5.050 min
Delta R.T.: 0.007 min
Response: 867627
Conc: 3.71 ng/ml



#29 AR-1254-4

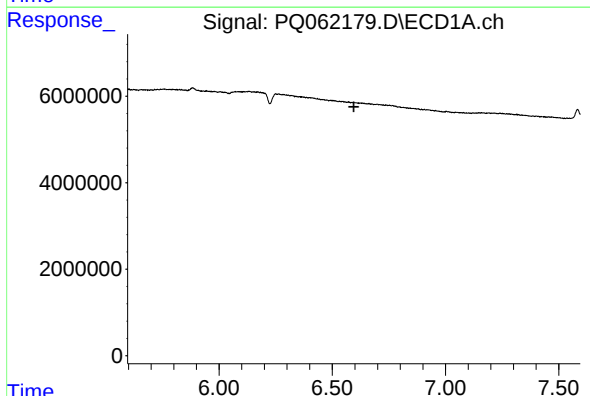
R.T.: 0.000 min
Exp R.T.: 6.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



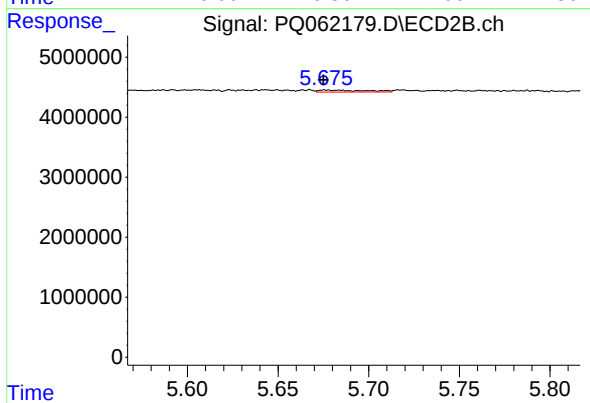
#29 AR-1254-4

R.T.: 5.283 min
Delta R.T.: 0.013 min
Response: 97390
Conc: 0.64 ng/ml



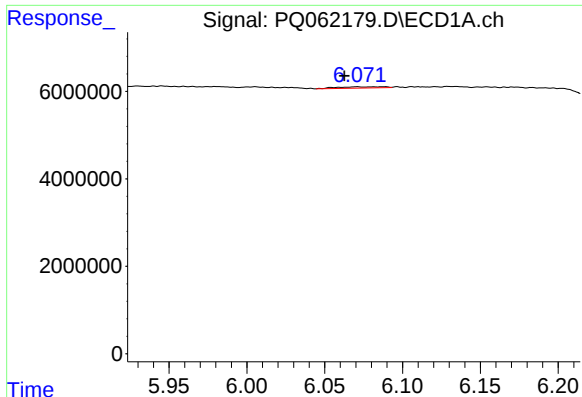
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.



#30 AR-1254-5

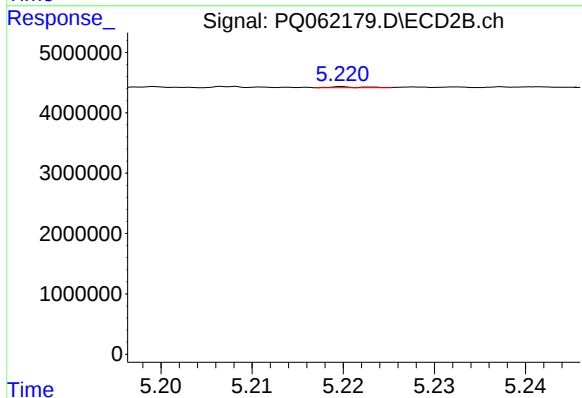
R.T.: 5.676 min
Delta R.T.: 0.001 min
Response: 611169
Conc: 2.65 ng/ml



#31 AR-1260-1

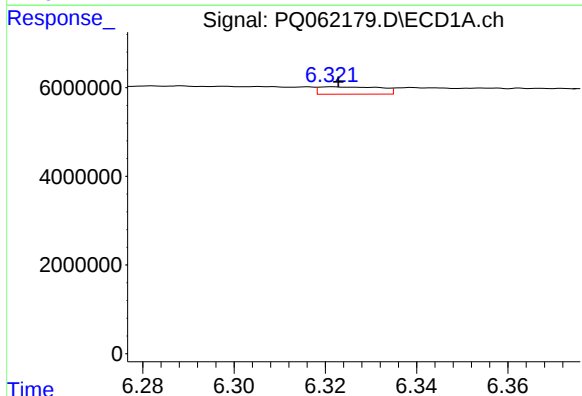
R.T.: 6.071 min
Delta R.T.: 0.008 min
Response: 606125
Conc: 2.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



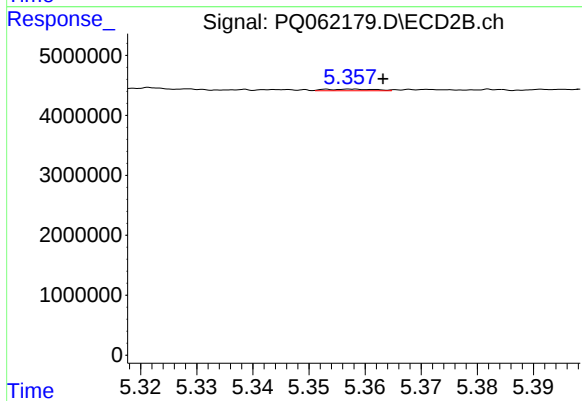
#31 AR-1260-1

R.T.: 5.220 min
Delta R.T.: 0.047 min
Response: 36429
Conc: 0.22 ng/ml



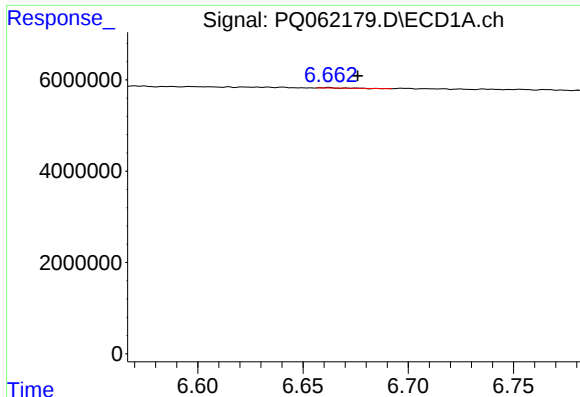
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 1558450
Conc: 5.40 ng/ml



#32 AR-1260-2

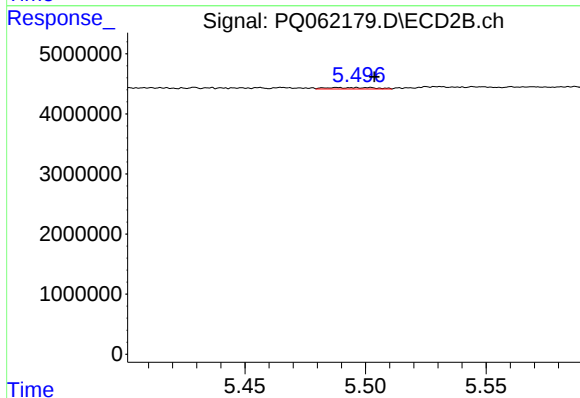
R.T.: 5.358 min
Delta R.T.: -0.005 min
Response: 164421
Conc: 0.79 ng/ml



#33 AR-1260-3

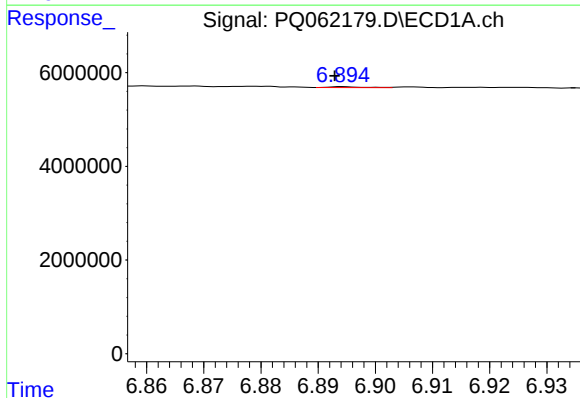
R.T.: 6.662 min
Delta R.T.: -0.014 min
Response: 52841
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



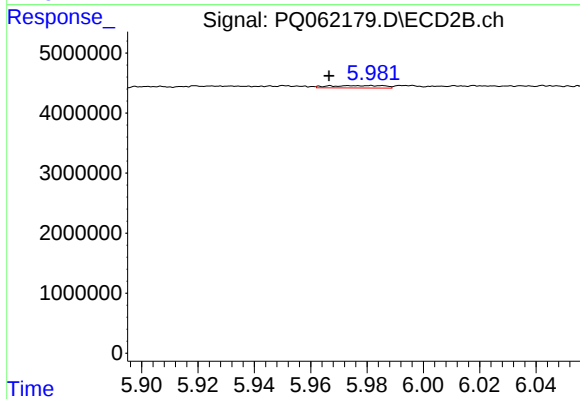
#33 AR-1260-3

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 325565
Conc: 1.67 ng/ml



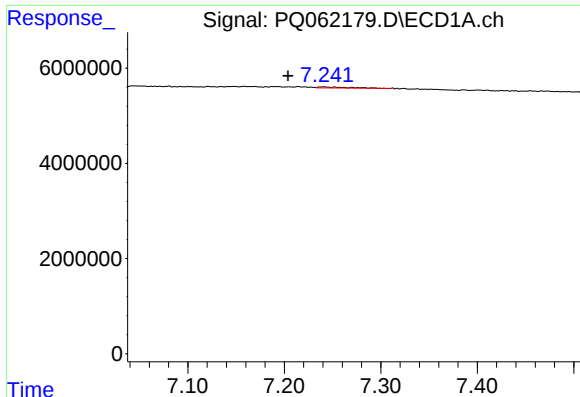
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.002 min
Response: 77409
Conc: 0.37 ng/ml



#34 AR-1260-4

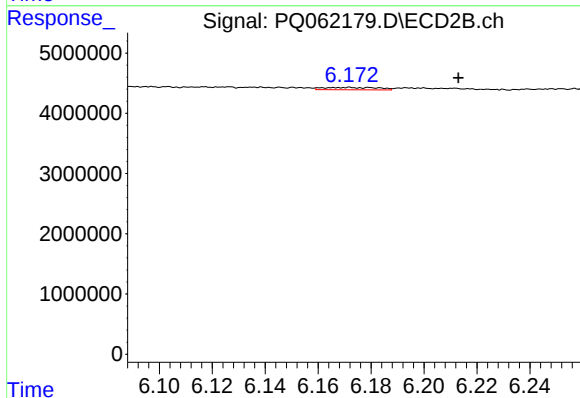
R.T.: 5.982 min
Delta R.T.: 0.015 min
Response: 545587
Conc: 3.74 ng/ml



#35 AR-1260-5

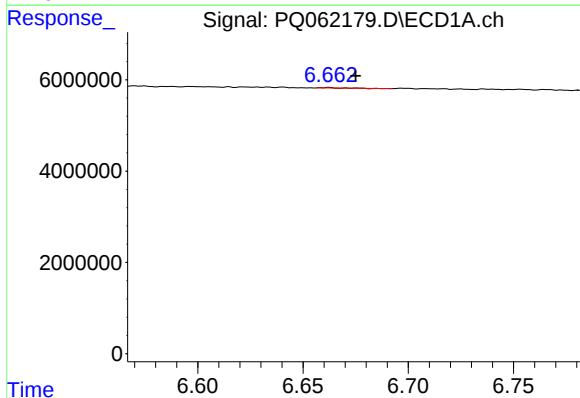
R.T.: 7.241 min
Delta R.T.: 0.037 min
Response: 286589
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



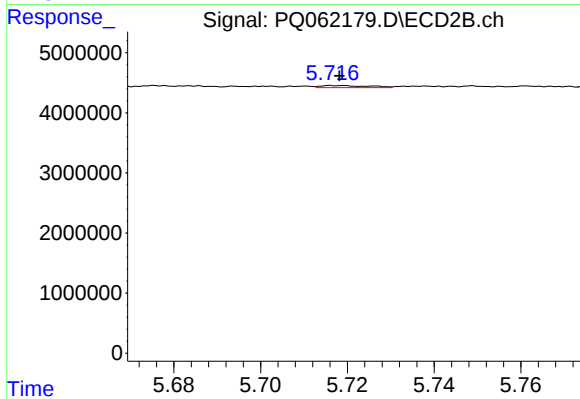
#35 AR-1260-5

R.T.: 6.172 min
Delta R.T.: -0.041 min
Response: 565989
Conc: 1.70 ng/ml



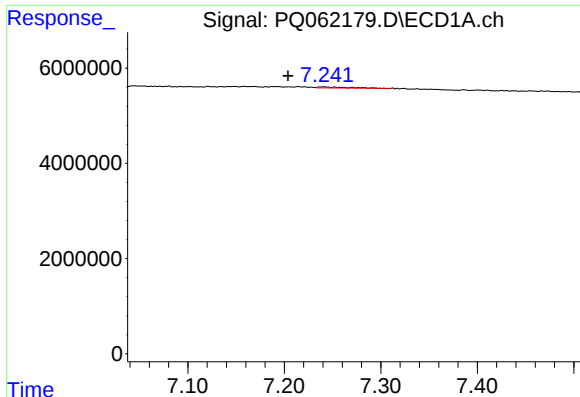
#36 AR-1262-1

R.T.: 6.662 min
Delta R.T.: -0.013 min
Response: 52841
Conc: 0.17 ng/ml



#36 AR-1262-1

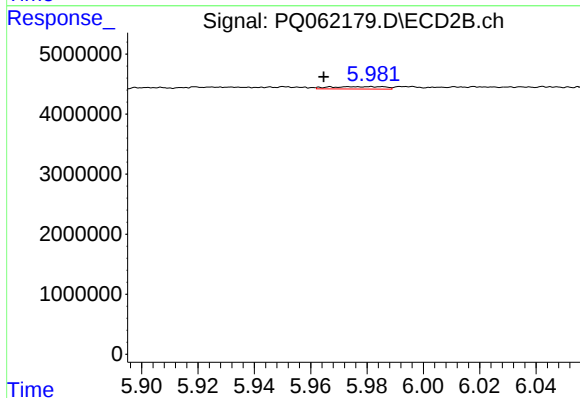
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 272857
Conc: 1.17 ng/ml



#37 AR-1262-2

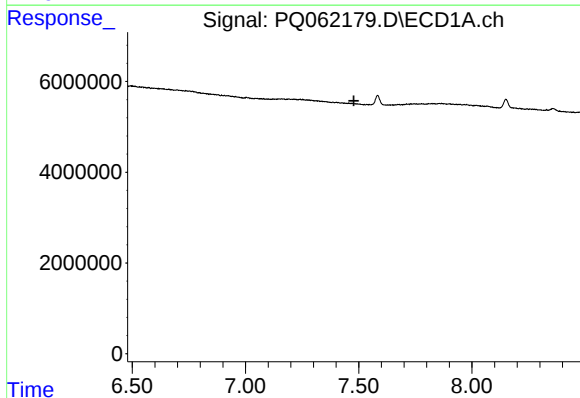
R.T.: 7.241 min
Delta R.T.: 0.037 min
Response: 286589
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



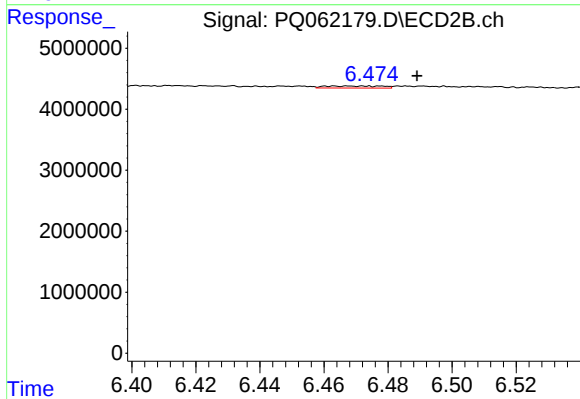
#37 AR-1262-2

R.T.: 5.982 min
Delta R.T.: 0.017 min
Response: 545587
Conc: 2.52 ng/ml



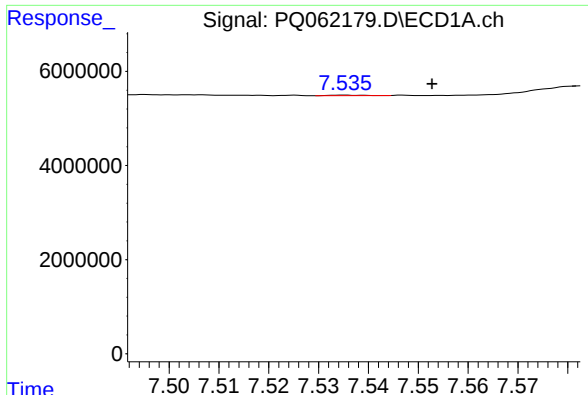
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.479 min
Response: 0
Conc: N.D.



#38 AR-1262-3

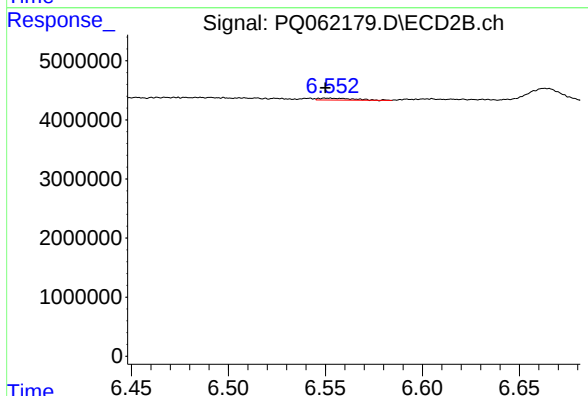
R.T.: 6.468 min
Delta R.T.: -0.021 min
Response: 426707
Conc: 2.45 ng/ml



#39 AR-1262-4

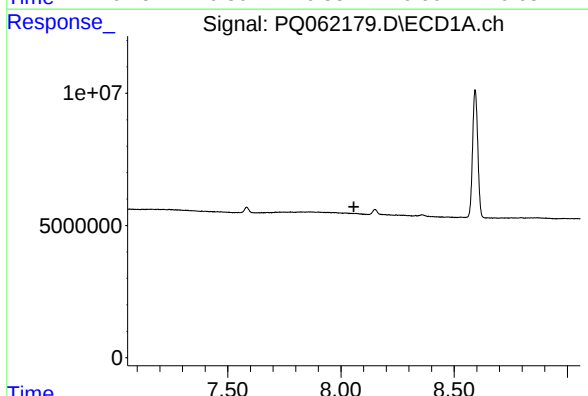
R.T.: 7.535 min
Delta R.T.: -0.018 min
Response: 50934
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



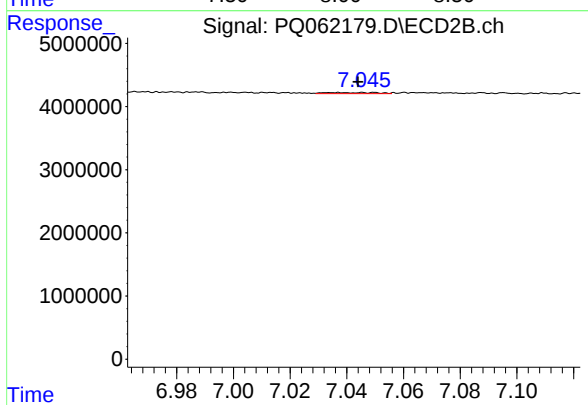
#39 AR-1262-4

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 410418
Conc: 1.27 ng/ml



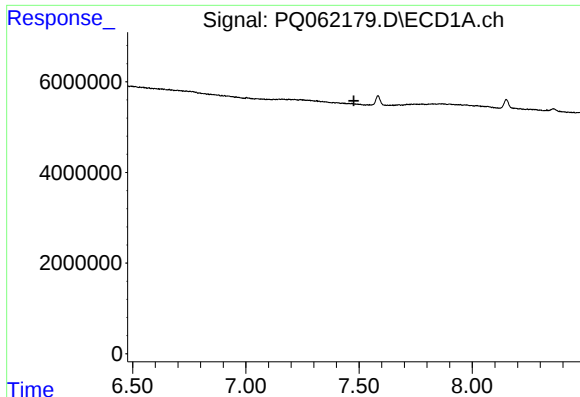
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.057 min
Response: 0
Conc: N.D.



#40 AR-1262-5

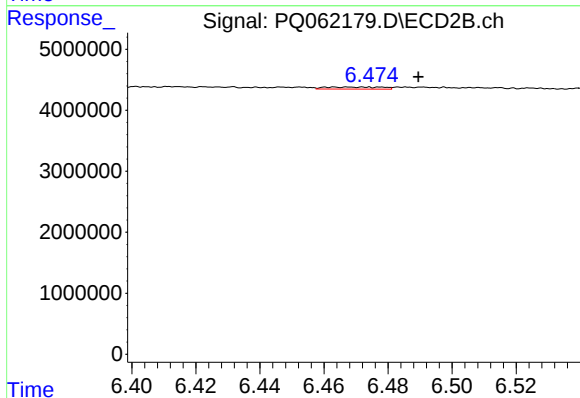
R.T.: 7.037 min
Delta R.T.: -0.007 min
Response: 212750
Conc: 1.37 ng/ml



#41 AR-1268-1

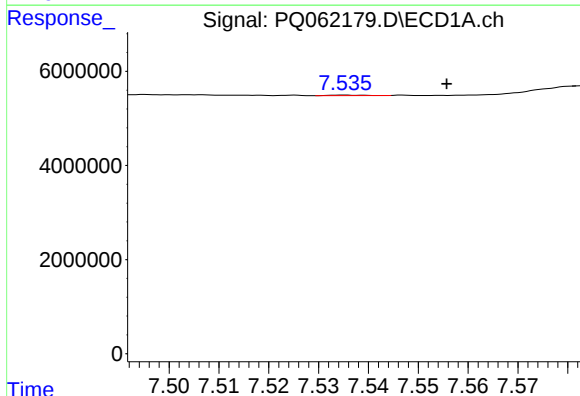
R.T.: 0.000 min
Exp R.T.: 7.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



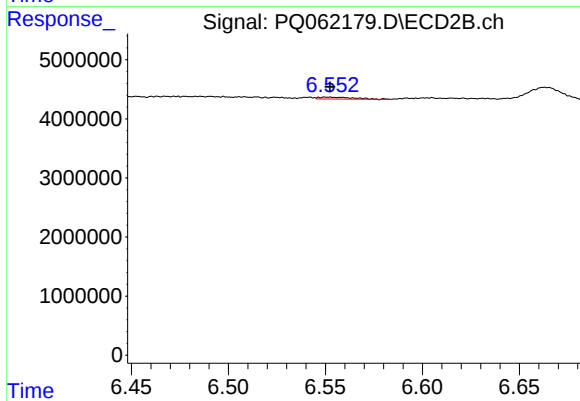
#41 AR-1268-1

R.T.: 6.468 min
Delta R.T.: -0.022 min
Response: 426707
Conc: 0.91 ng/ml



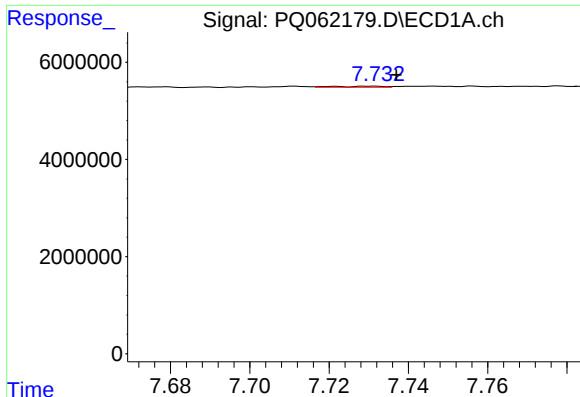
#42 AR-1268-2

R.T.: 7.535 min
Delta R.T.: -0.021 min
Response: 50934
Conc: 0.10 ng/ml



#42 AR-1268-2

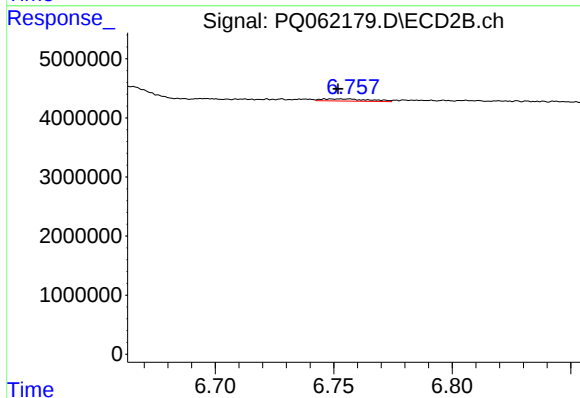
R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 410418
Conc: 0.97 ng/ml



#43 AR-1268-3

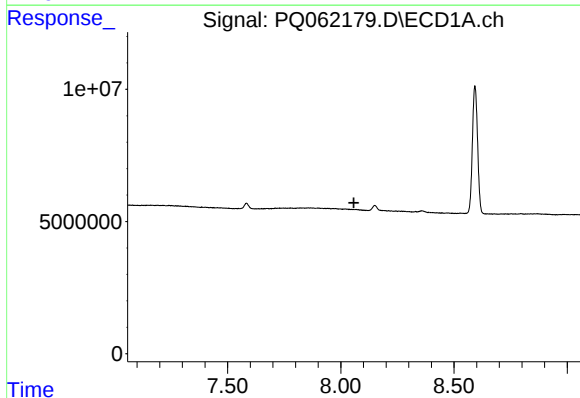
R.T.: 7.731 min
Delta R.T.: -0.006 min
Response: 191664
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



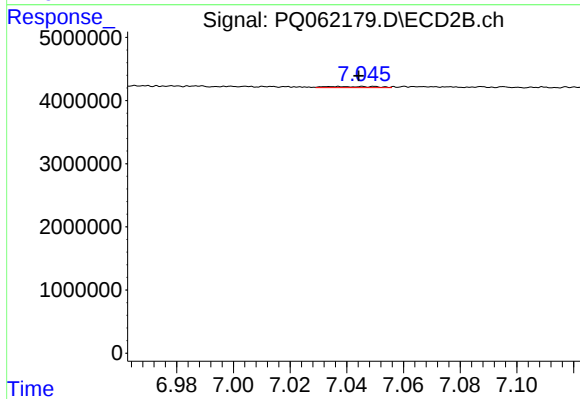
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 509236
Conc: 1.38 ng/ml



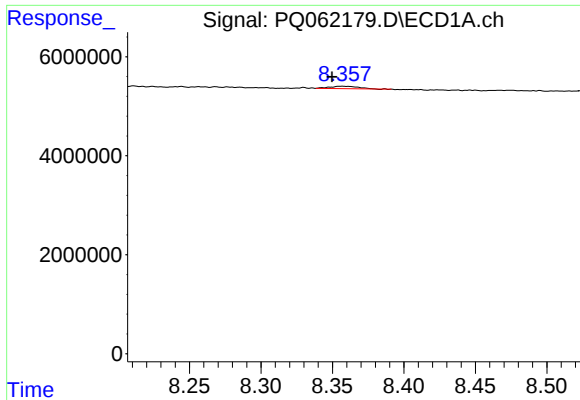
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.058 min
Response: 0
Conc: N.D.



#44 AR-1268-4

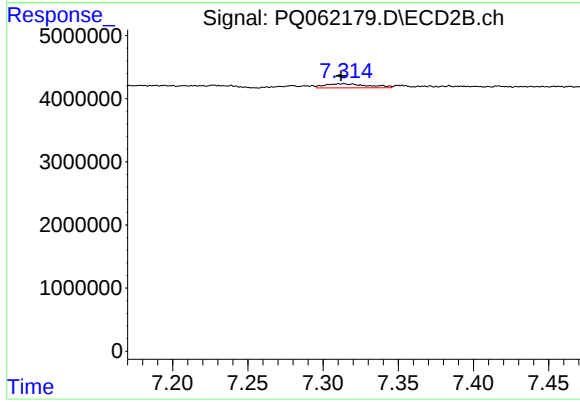
R.T.: 7.037 min
Delta R.T.: -0.007 min
Response: 212750
Conc: 1.33 ng/ml



#45 AR-1268-5

R.T.: 8.357 min
Delta R.T.: 0.007 min
Response: 686572
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: 0.002 min
Response: 1308452
Conc: 1.12 ng/ml