

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 13:19
 Operator : YP\AJ
 Sample : Q2893-08
 Misc : AR1221 WATER LOQ 50PPB
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:54:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 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...	3.402	2.779	109.6E6	120.9E6	20.454	18.851
2)	SA Decachlor...	8.497	7.534	87770106	151.7E6	22.762	21.504
Target Compounds							
3)	L1 AR-1016-1	4.502	3.779	1718747	759722	10.367	3.543 #
4)	L1 AR-1016-2	4.502	3.794	1718747	1138044	6.443	3.500 #
5)	L1 AR-1016-3	4.556	3.956	1392939	858793	8.413	4.726 #
6)	L1 AR-1016-4	4.648	3.999	1043502	568341	7.708	3.586 #
7)	L1 AR-1016-5	4.929	4.196	114701	138497	0.858	0.743
8)	L2 AR-1221-1	3.594	2.978	3129123	3121677	42.525	34.963
9)	L2 AR-1221-2	3.673	3.051	3710115	4716515	69.209	70.452
10)	L2 AR-1221-3	3.740	3.122	7670588	7911240	46.552	39.614
11)	L3 AR-1232-1	3.740	3.122	7670588	7911240	54.970	46.337
12)	L3 AR-1232-2	4.226	3.794	1798857	1138044	23.500	6.556 #
13)	L3 AR-1232-3	4.502	3.956	1718747	858793	11.989	9.200
14)	L3 AR-1232-4	4.648	4.032	1043502	1108510	14.578	13.893
15)	L3 AR-1232-5	4.798	4.196	2191381	138497	37.744	1.558 #
16)	L4 AR-1242-1	4.502	3.779	1718747	759722	11.180	4.086 #
17)	L4 AR-1242-2	4.502	3.794	1718747	1138044	7.180	4.041 #
18)	L4 AR-1242-3	4.556	3.956	1392939	858793	9.356	5.481 #
19)	L4 AR-1242-4	4.648	4.032	1043502	1108510	8.484	7.590
20)	L4 AR-1242-5	5.353	4.535	181945	511343	1.379	2.645 #
21)	L5 AR-1248-1	4.502	3.779	1718747	759722	15.002	5.320 #
22)	L5 AR-1248-2	4.744	3.999	240580	568341	1.471	2.631 #
23)	L5 AR-1248-3	4.929	4.032	114701	1108510	0.586	5.330 #
24)	L5 AR-1248-4	5.330	4.196	144931	138497	0.670	0.542
25)	L5 AR-1248-5	5.353	4.554	181945	2180063	0.833	8.431 #
26)	L6 AR-1254-1	5.290	4.535	1587842	511343	6.797	1.285 #
27)	L6 AR-1254-2	5.504	4.682	538412	534868	1.508	1.527
28)	L6 AR-1254-3	5.861	5.071	209524	2359212	0.553	4.171 #
29)	L6 AR-1254-4	6.158	5.299	1218778	155215	4.532	0.449 #
30)	L6 AR-1254-5	6.512f	5.723f	347620	142815	1.160	0.272 #
31)	L7 AR-1260-1	6.017	5.188	103847	220648	0.424	0.618 #
32)	L7 AR-1260-2	6.320f	5.391	326227	137495	1.089	0.323 #
33)	L7 AR-1260-3	6.642	5.541	165592	713801	0.773	1.765 #
34)	L7 AR-1260-4	6.872f	5.983	155231	208713	0.653	0.590
35)	L7 AR-1260-5	7.098f	6.226	125125	686913	0.262	0.837 #
36)	L8 AR-1262-1	6.872f	5.723	155231	142815	0.463	0.269 #
37)	L8 AR-1262-2	7.098f	5.983	125125	208713	0.209	0.419 #
38)	L8 AR-1262-3	7.443	0.000	204605	0	0.511	N.D. #
39)	L8 AR-1262-4	7.503	0.000	244053	0	0.771	N.D. #
40)	L8 AR-1262-5	7.993	0.000	73248	0	0.373	N.D. #
41)	L9 AR-1268-1	7.443	0.000	204605	0	0.299	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 13:19
Operator : YP\AJ
Sample : Q2893-08
Misc : AR1221 WATER LOQ 50PPB
ALS Vial : 42 Sample Multiplier: 1

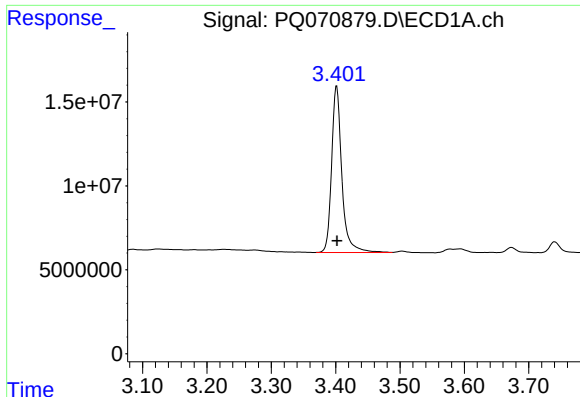
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:54:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 2025
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	7.503	6.613f	244053	149305	0.387	0.143 #
43) L9	AR-1268-3	7.661	6.762	96096	677017	0.185	0.757 #
44) L9	AR-1268-4	7.993	0.000	73248	0	0.334	N.D. #
45) L9	AR-1268-5	8.269	7.318	680711	626557	0.439	0.229 #

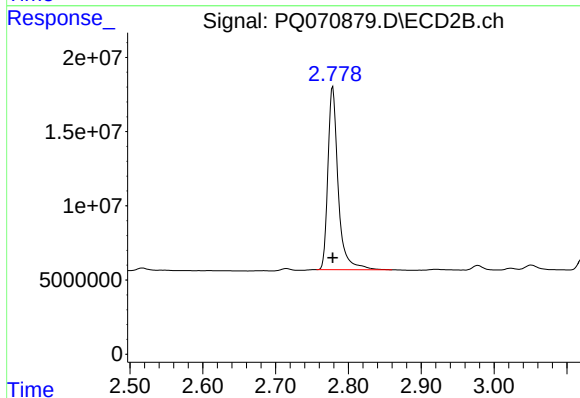
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

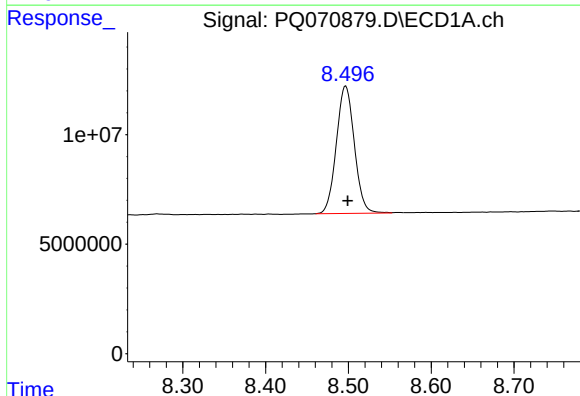
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 109553683
Conc: 20.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



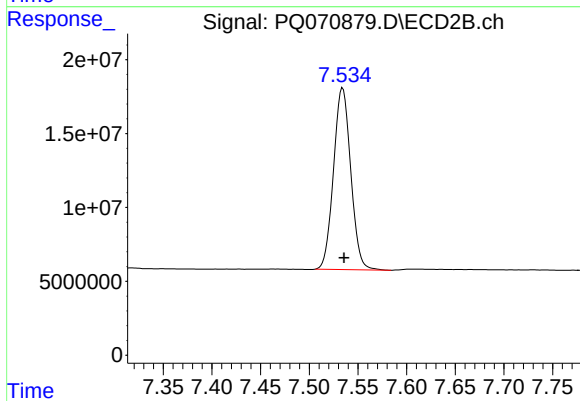
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.000 min
Response: 120879353
Conc: 18.85 ng/ml



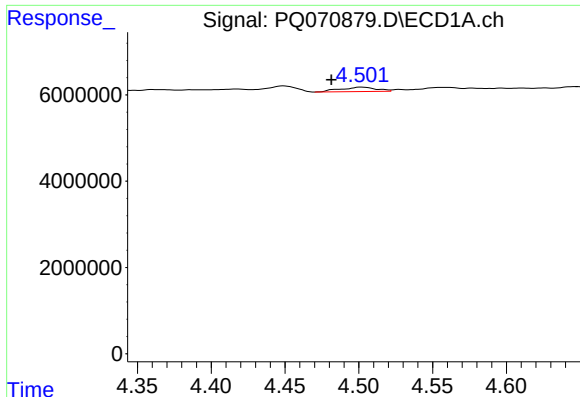
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 87770106
Conc: 22.76 ng/ml



#2 Decachlorobiphenyl

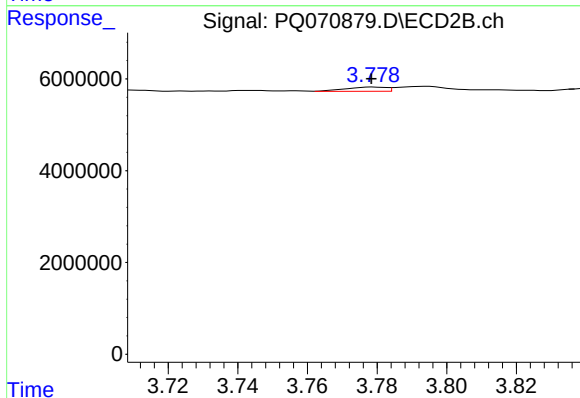
R.T.: 7.534 min
Delta R.T.: -0.001 min
Response: 151666855
Conc: 21.50 ng/ml



#3 AR-1016-1

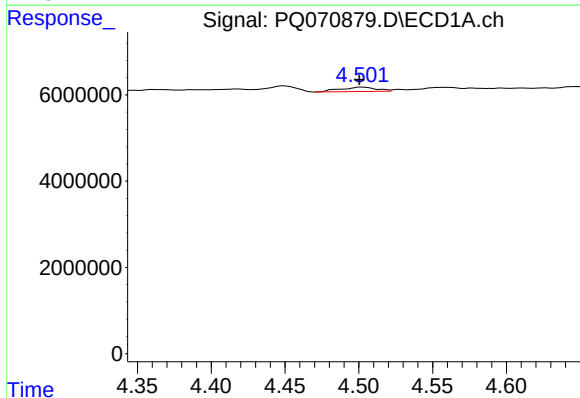
R.T.: 4.502 min
Delta R.T.: 0.020 min
Response: 1718747
Conc: 10.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



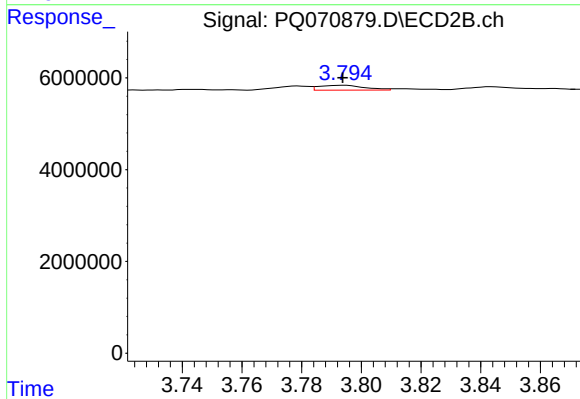
#3 AR-1016-1

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 759722
Conc: 3.54 ng/ml



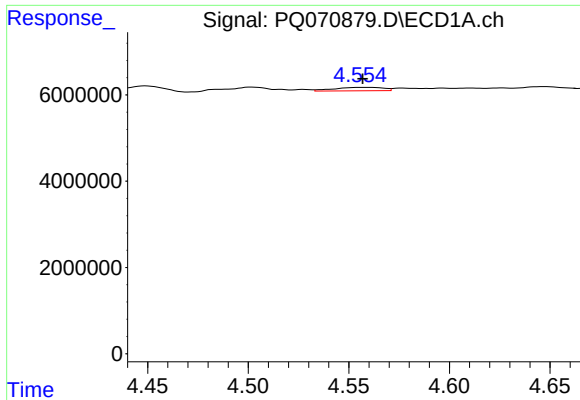
#4 AR-1016-2

R.T.: 4.502 min
Delta R.T.: 0.001 min
Response: 1718747
Conc: 6.44 ng/ml



#4 AR-1016-2

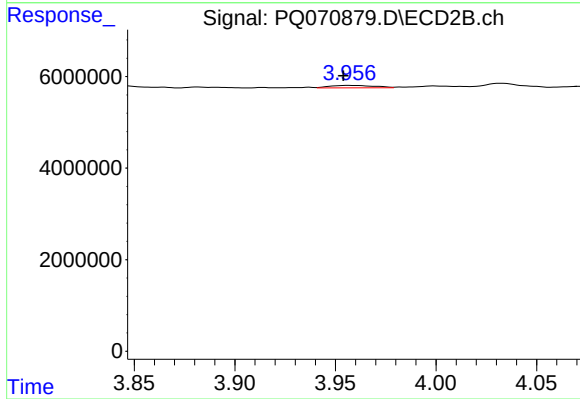
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 1138044
Conc: 3.50 ng/ml



#5 AR-1016-3

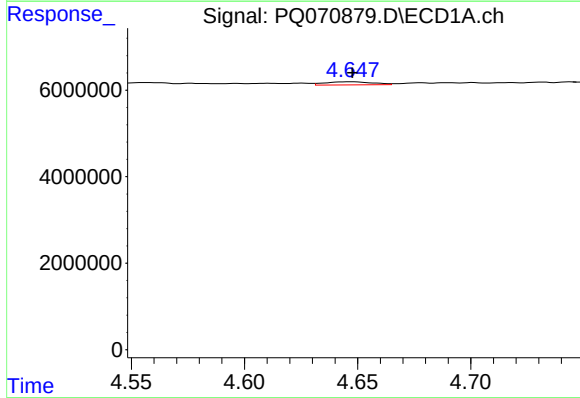
R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 1392939
Conc: 8.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



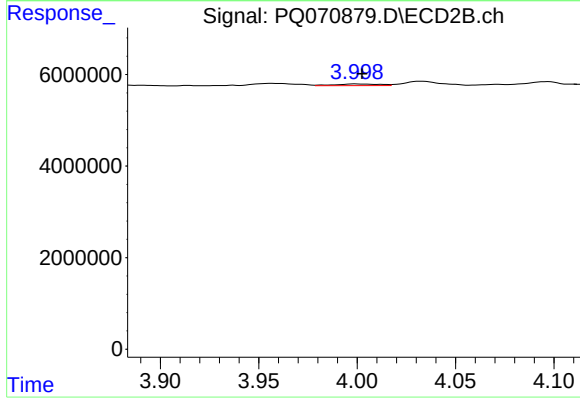
#5 AR-1016-3

R.T.: 3.956 min
Delta R.T.: 0.003 min
Response: 858793
Conc: 4.73 ng/ml



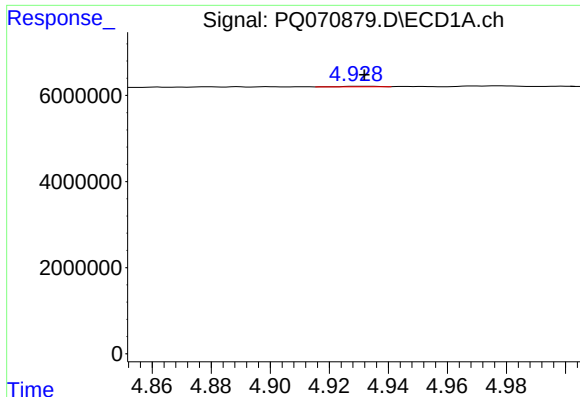
#6 AR-1016-4

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 1043502
Conc: 7.71 ng/ml



#6 AR-1016-4

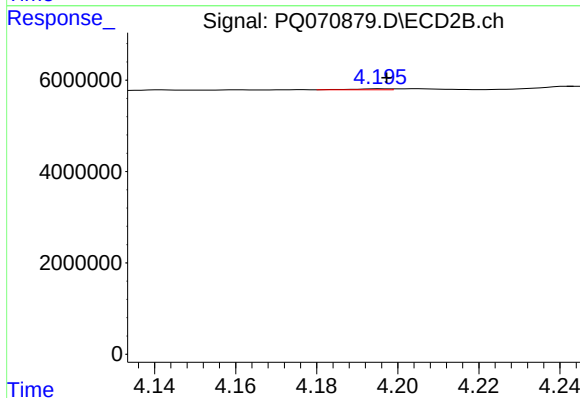
R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 568341
Conc: 3.59 ng/ml



#7 AR-1016-5

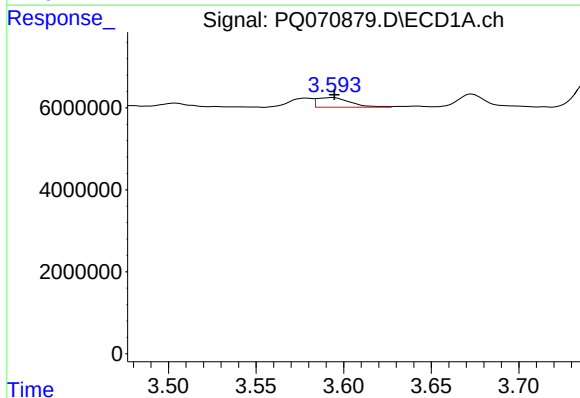
R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 114701
Conc: 0.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



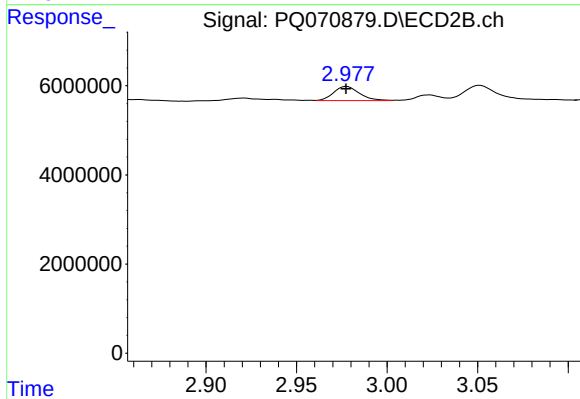
#7 AR-1016-5

R.T.: 4.196 min
Delta R.T.: -0.002 min
Response: 138497
Conc: 0.74 ng/ml



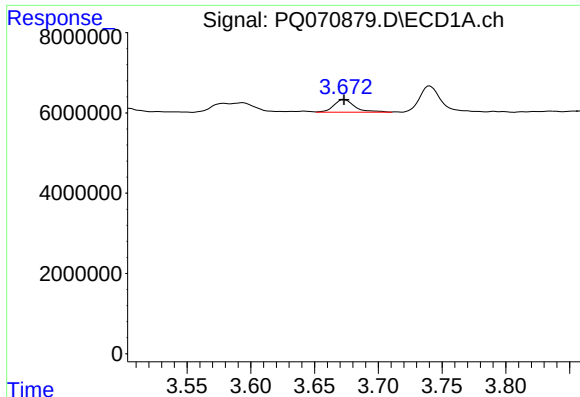
#8 AR-1221-1

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 3129123
Conc: 42.53 ng/ml



#8 AR-1221-1

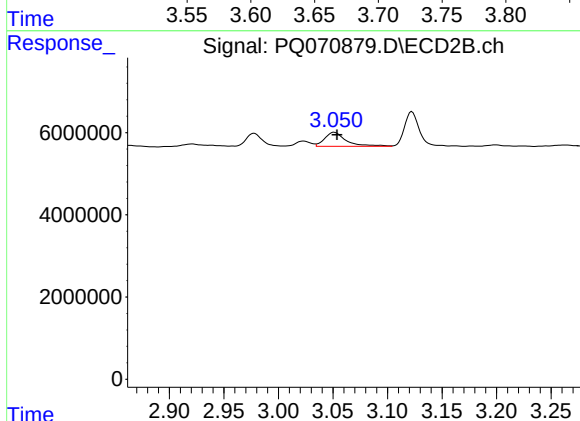
R.T.: 2.978 min
Delta R.T.: 0.000 min
Response: 3121677
Conc: 34.96 ng/ml



#9 AR-1221-2

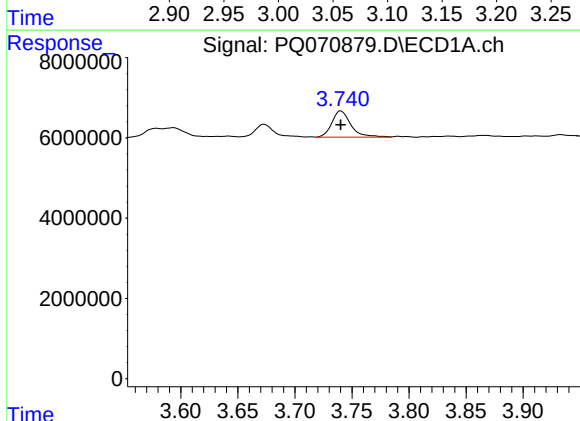
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 3710115
Conc: 69.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



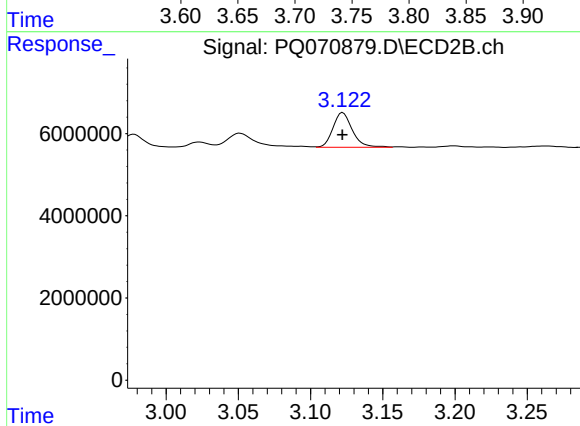
#9 AR-1221-2

R.T.: 3.051 min
Delta R.T.: -0.003 min
Response: 4716515
Conc: 70.45 ng/ml



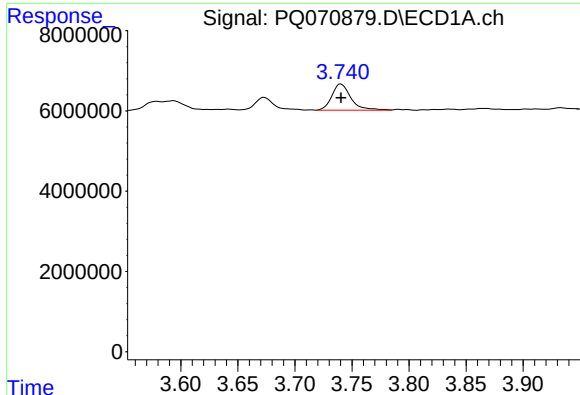
#10 AR-1221-3

R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 7670588
Conc: 46.55 ng/ml



#10 AR-1221-3

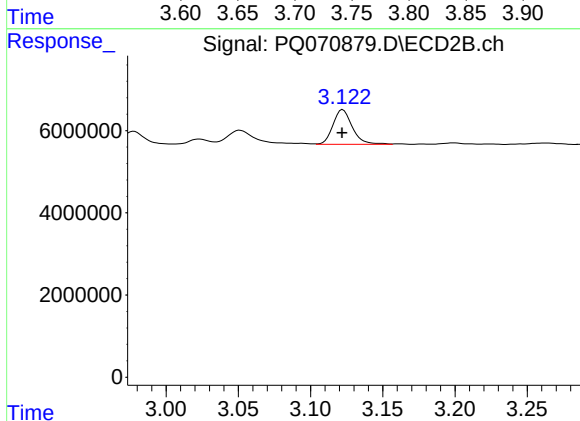
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 7911240
Conc: 39.61 ng/ml



#11 AR-1232-1

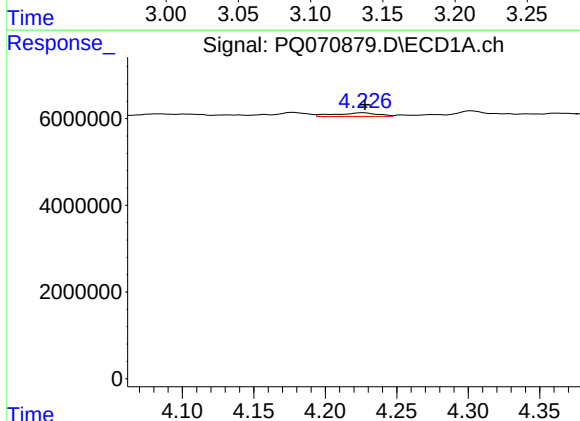
R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 7670588
Conc: 54.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



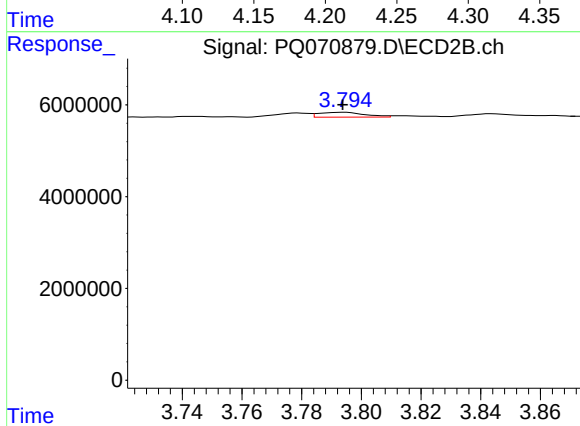
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 7911240
Conc: 46.34 ng/ml



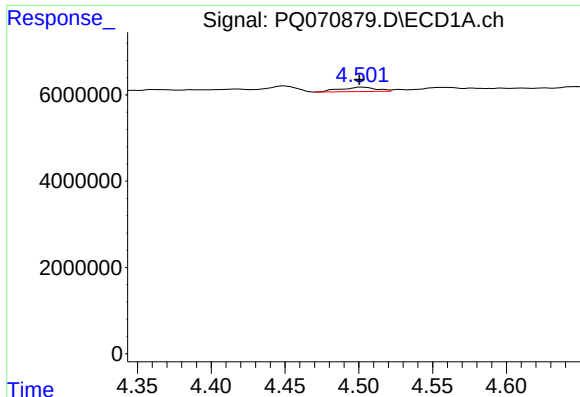
#12 AR-1232-2

R.T.: 4.226 min
Delta R.T.: -0.002 min
Response: 1798857
Conc: 23.50 ng/ml



#12 AR-1232-2

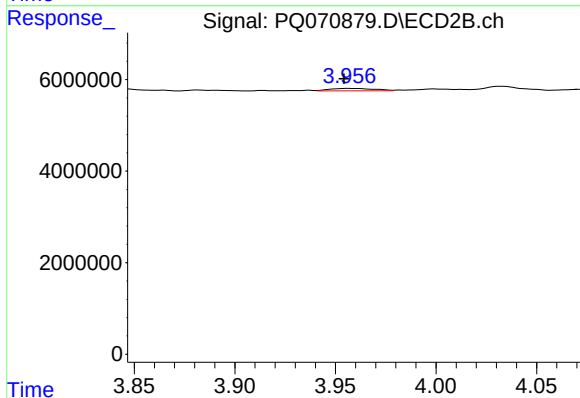
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 1138044
Conc: 6.56 ng/ml



#13 AR-1232-3

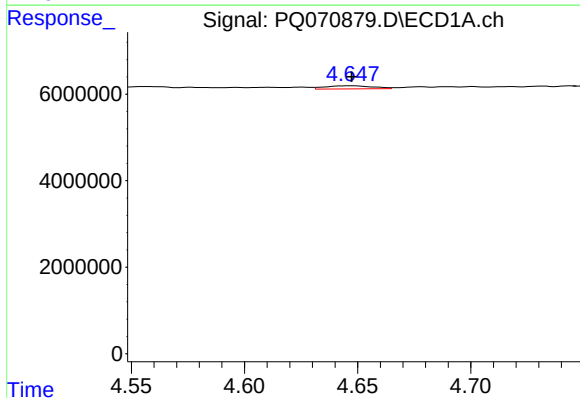
R.T.: 4.502 min
Delta R.T.: 0.001 min
Response: 1718747
Conc: 11.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



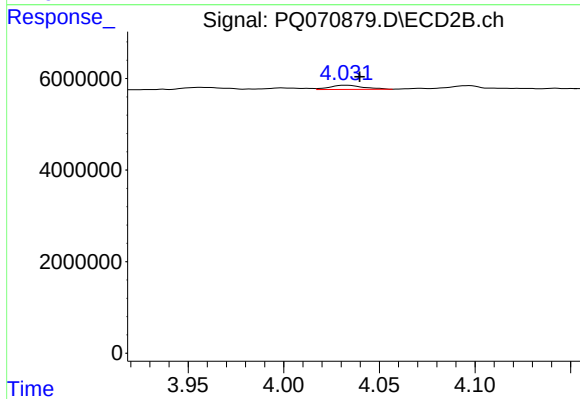
#13 AR-1232-3

R.T.: 3.956 min
Delta R.T.: 0.002 min
Response: 858793
Conc: 9.20 ng/ml



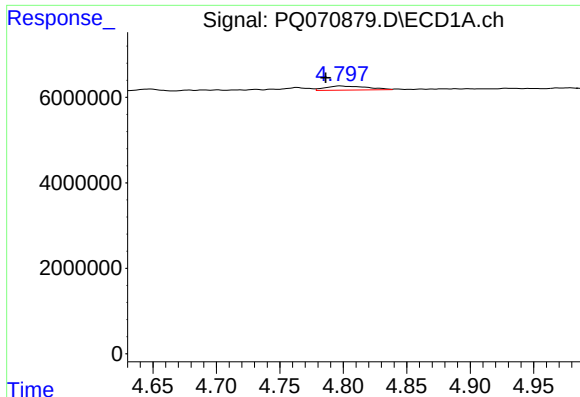
#14 AR-1232-4

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 1043502
Conc: 14.58 ng/ml



#14 AR-1232-4

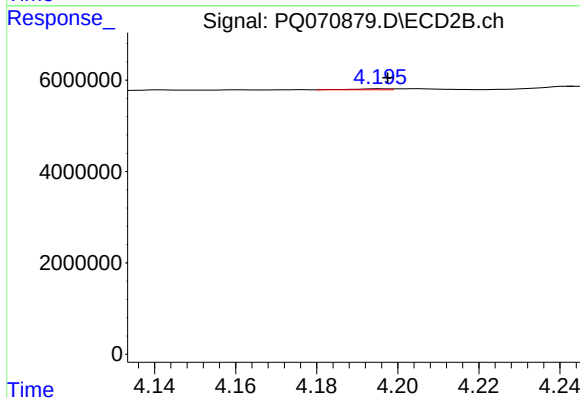
R.T.: 4.032 min
Delta R.T.: -0.008 min
Response: 1108510
Conc: 13.89 ng/ml



#15 AR-1232-5

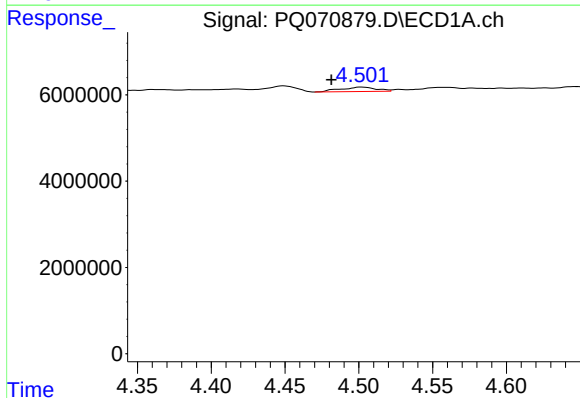
R.T.: 4.798 min
Delta R.T.: 0.012 min
Response: 2191381
Conc: 37.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



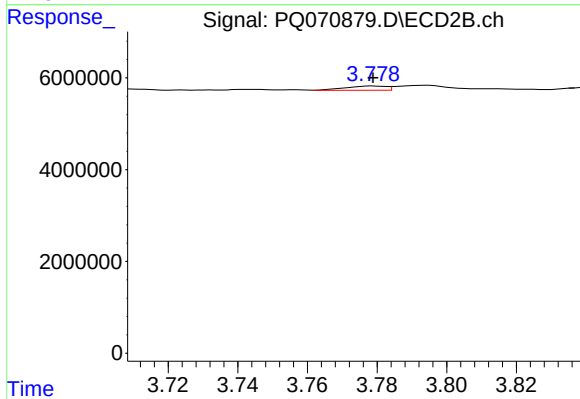
#15 AR-1232-5

R.T.: 4.196 min
Delta R.T.: -0.002 min
Response: 138497
Conc: 1.56 ng/ml



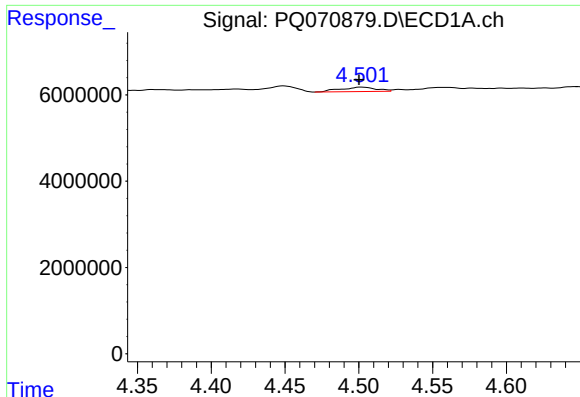
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: 0.020 min
Response: 1718747
Conc: 11.18 ng/ml



#16 AR-1242-1

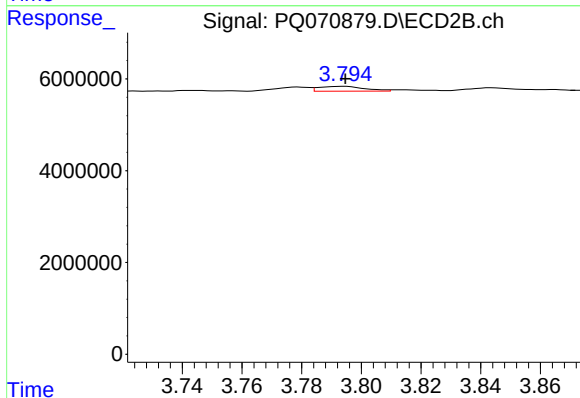
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 759722
Conc: 4.09 ng/ml



#17 AR-1242-2

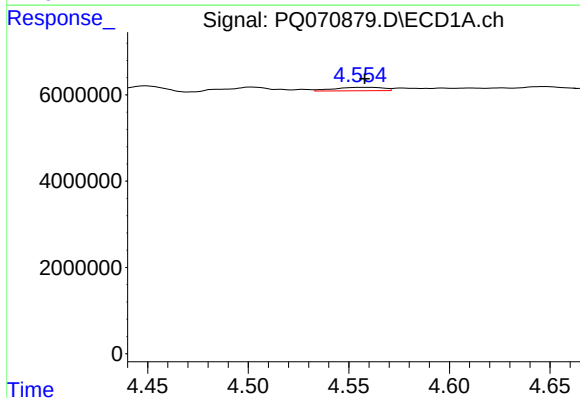
R.T.: 4.502 min
Delta R.T.: 0.001 min
Response: 1718747
Conc: 7.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



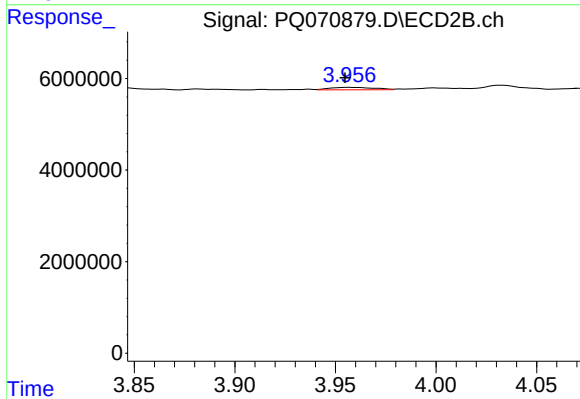
#17 AR-1242-2

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 1138044
Conc: 4.04 ng/ml



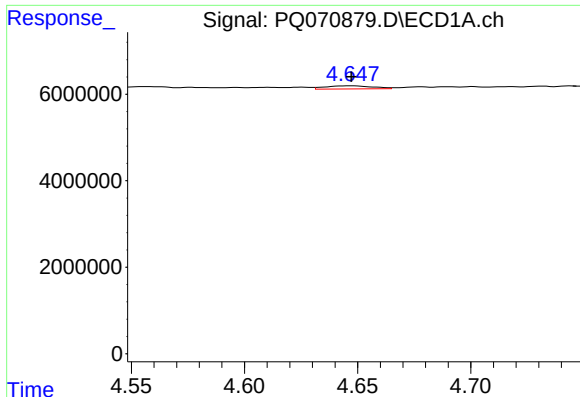
#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 1392939
Conc: 9.36 ng/ml



#18 AR-1242-3

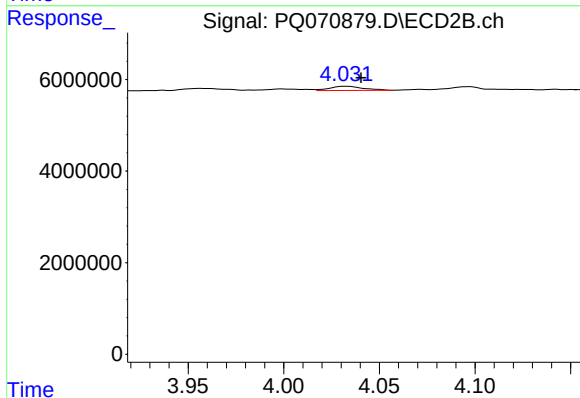
R.T.: 3.956 min
Delta R.T.: 0.002 min
Response: 858793
Conc: 5.48 ng/ml



#19 AR-1242-4

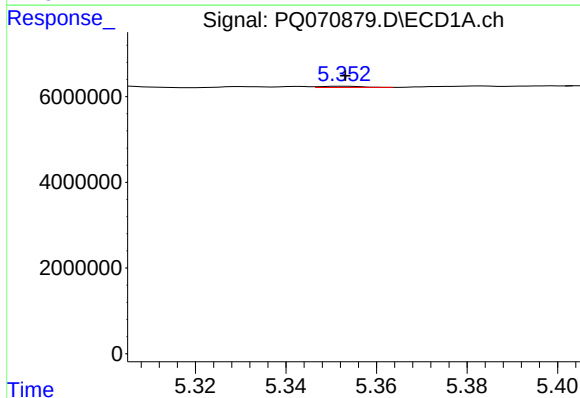
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 1043502
Conc: 8.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



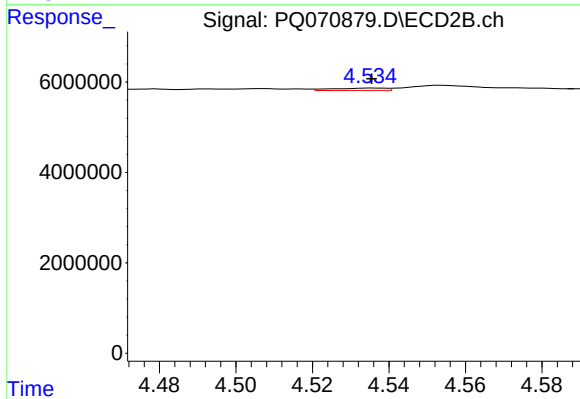
#19 AR-1242-4

R.T.: 4.032 min
Delta R.T.: -0.008 min
Response: 1108510
Conc: 7.59 ng/ml



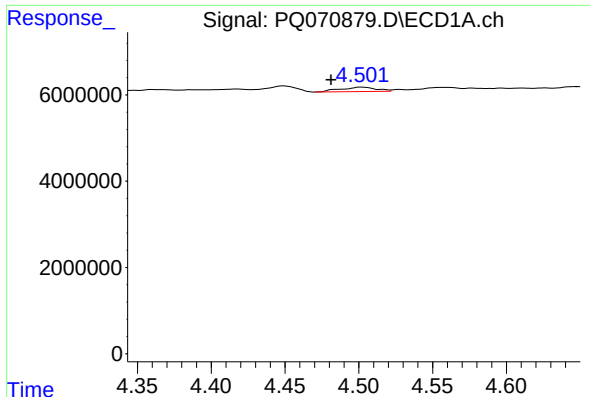
#20 AR-1242-5

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 181945
Conc: 1.38 ng/ml



#20 AR-1242-5

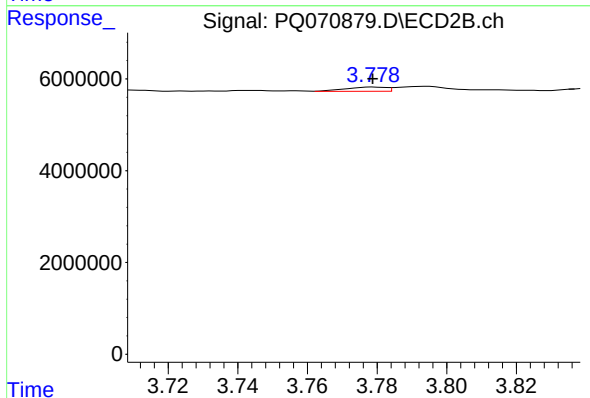
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 511343
Conc: 2.64 ng/ml



#21 AR-1248-1

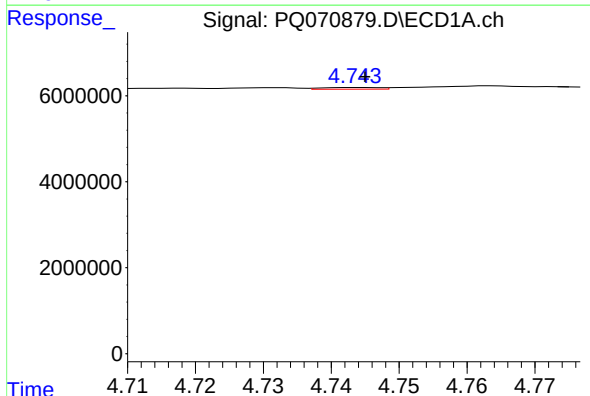
R.T.: 4.502 min
Delta R.T.: 0.020 min
Response: 1718747
Conc: 15.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



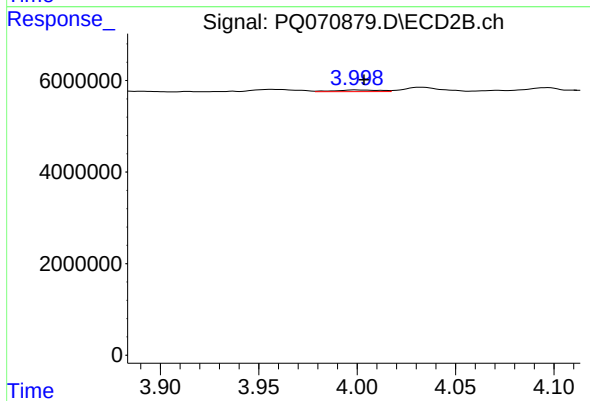
#21 AR-1248-1

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 759722
Conc: 5.32 ng/ml



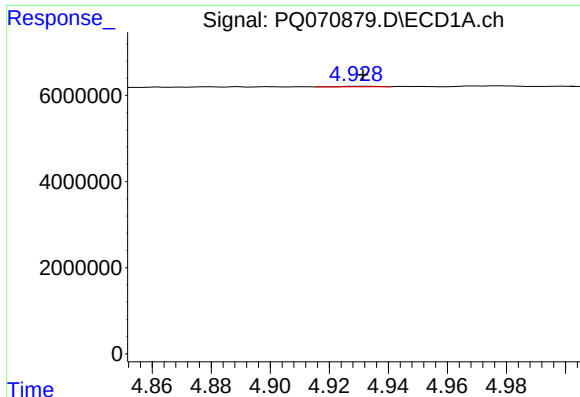
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 240580
Conc: 1.47 ng/ml



#22 AR-1248-2

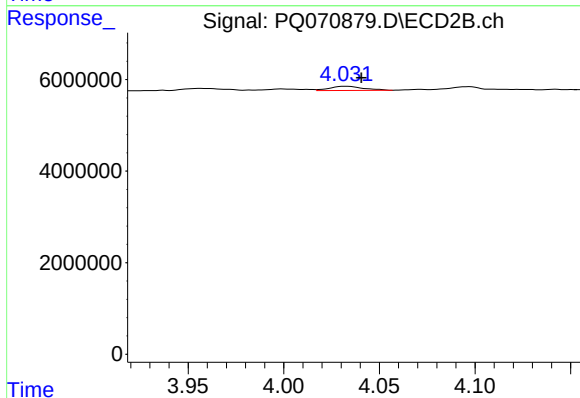
R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 568341
Conc: 2.63 ng/ml



#23 AR-1248-3

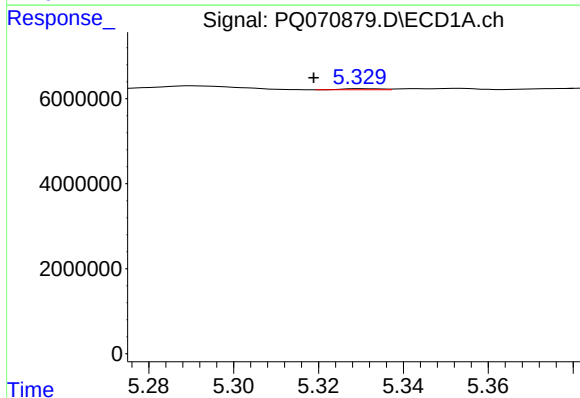
R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 114701
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



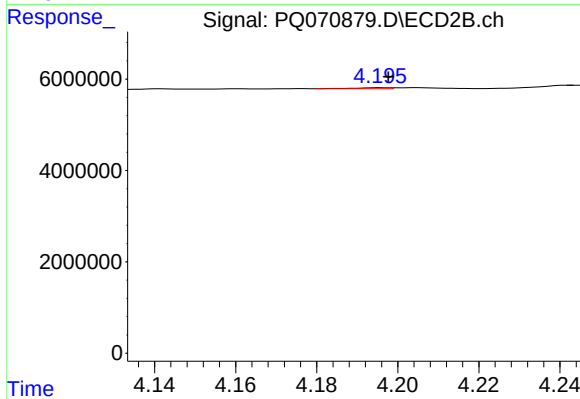
#23 AR-1248-3

R.T.: 4.032 min
Delta R.T.: -0.009 min
Response: 1108510
Conc: 5.33 ng/ml



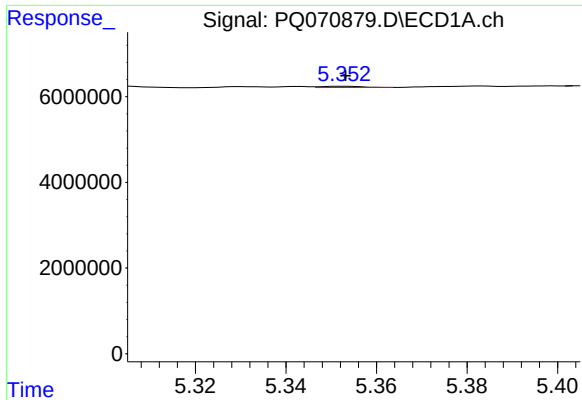
#24 AR-1248-4

R.T.: 5.330 min
Delta R.T.: 0.011 min
Response: 144931
Conc: 0.67 ng/ml



#24 AR-1248-4

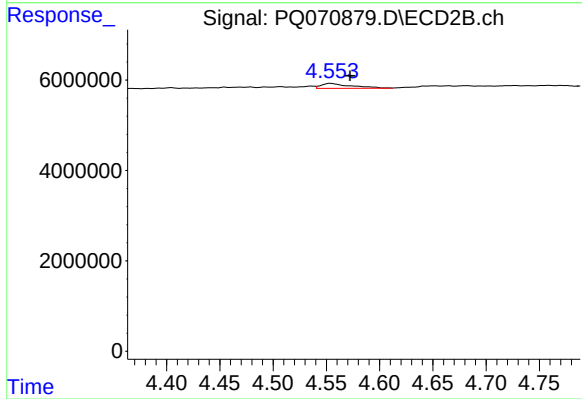
R.T.: 4.196 min
Delta R.T.: -0.002 min
Response: 138497
Conc: 0.54 ng/ml



#25 AR-1248-5

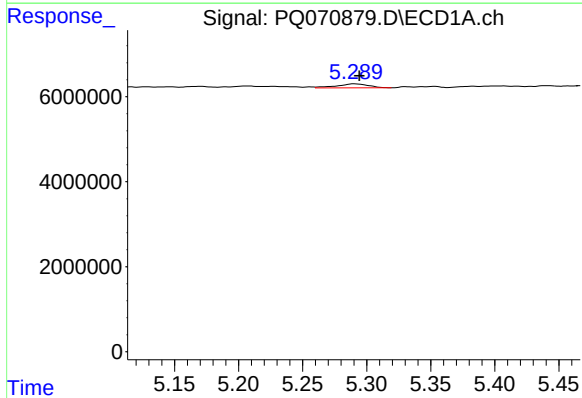
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 181945
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



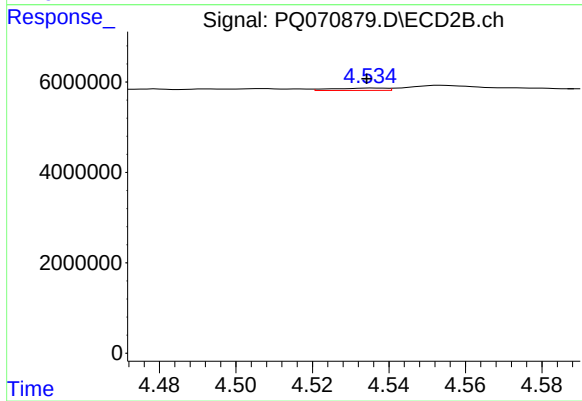
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: -0.019 min
Response: 2180063
Conc: 8.43 ng/ml



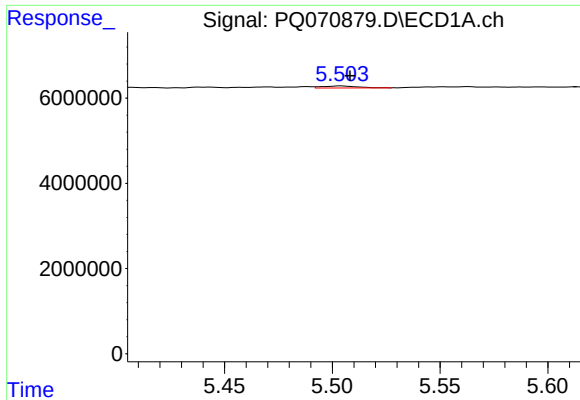
#26 AR-1254-1

R.T.: 5.290 min
Delta R.T.: -0.004 min
Response: 1587842
Conc: 6.80 ng/ml



#26 AR-1254-1

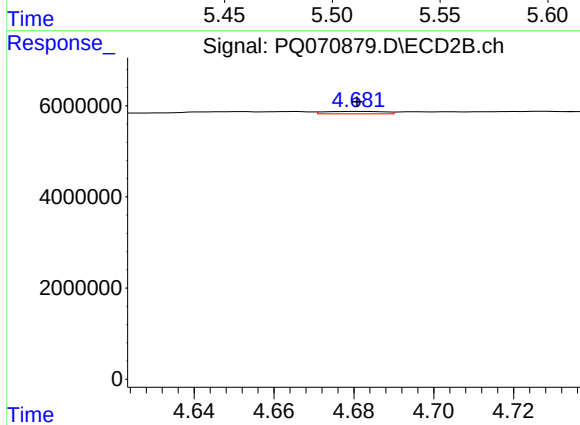
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 511343
Conc: 1.28 ng/ml



#27 AR-1254-2

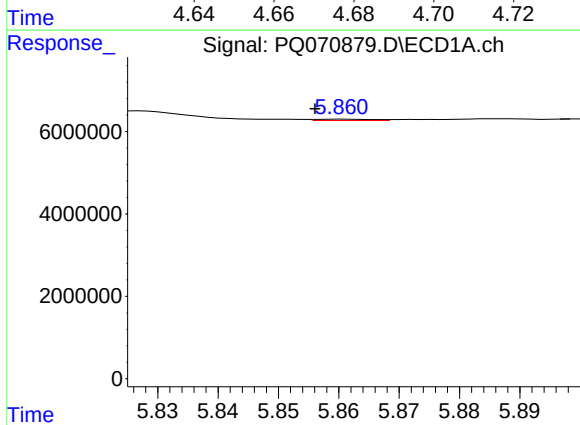
R.T.: 5.504 min
Delta R.T.: -0.004 min
Response: 538412
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



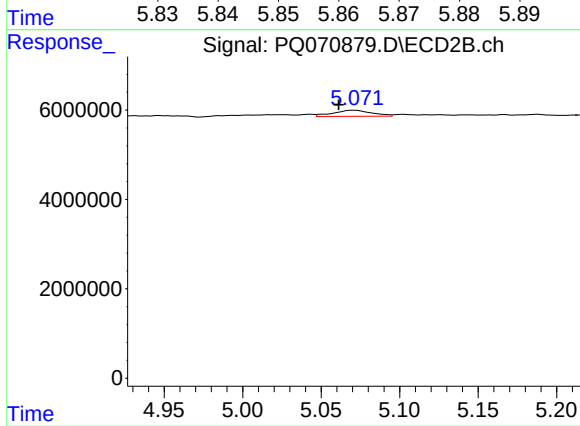
#27 AR-1254-2

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 534868
Conc: 1.53 ng/ml



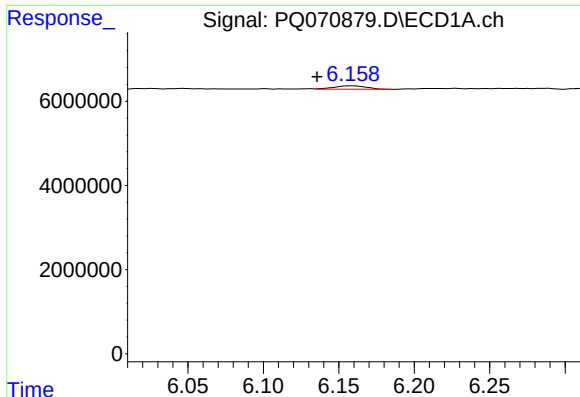
#28 AR-1254-3

R.T.: 5.861 min
Delta R.T.: 0.005 min
Response: 209524
Conc: 0.55 ng/ml



#28 AR-1254-3

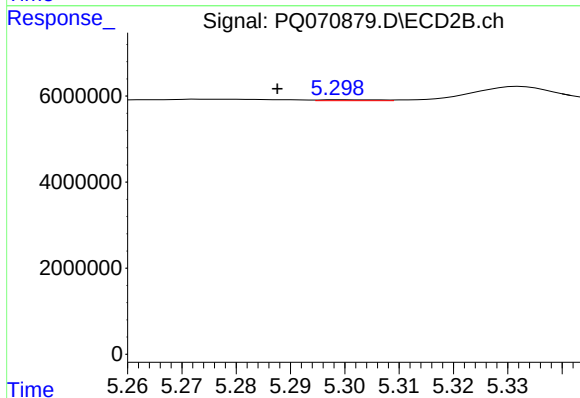
R.T.: 5.071 min
Delta R.T.: 0.010 min
Response: 2359212
Conc: 4.17 ng/ml



#29 AR-1254-4

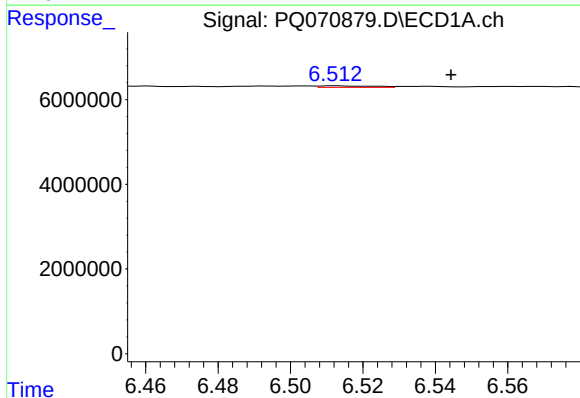
R.T.: 6.158 min
Delta R.T.: 0.023 min
Response: 1218778
Conc: 4.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



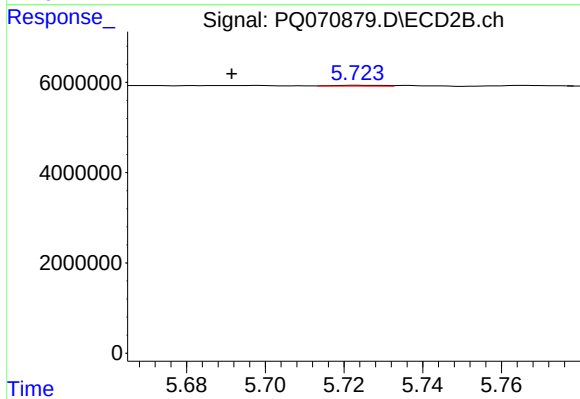
#29 AR-1254-4

R.T.: 5.299 min
Delta R.T.: 0.011 min
Response: 155215
Conc: 0.45 ng/ml



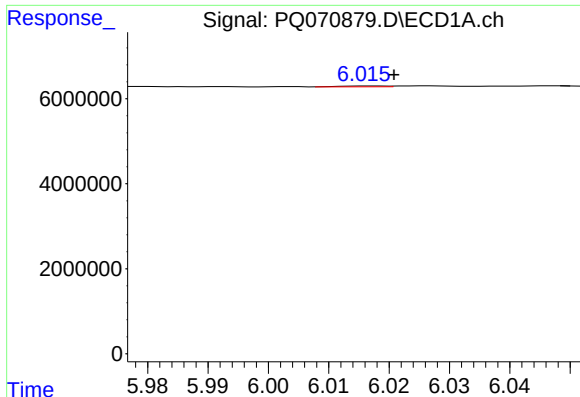
#30 AR-1254-5

R.T.: 6.512 min
Delta R.T.: -0.032 min
Response: 347620
Conc: 1.16 ng/ml



#30 AR-1254-5

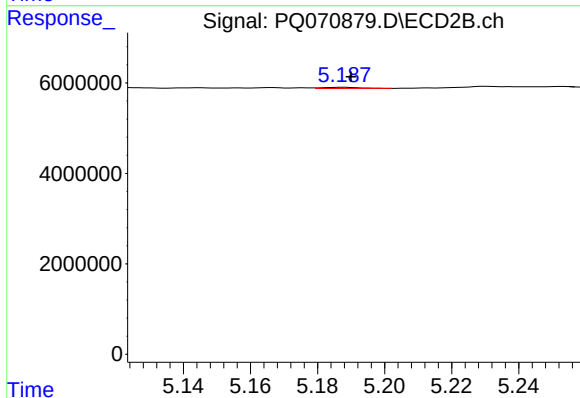
R.T.: 5.723 min
Delta R.T.: 0.032 min
Response: 142815
Conc: 0.27 ng/ml



#31 AR-1260-1

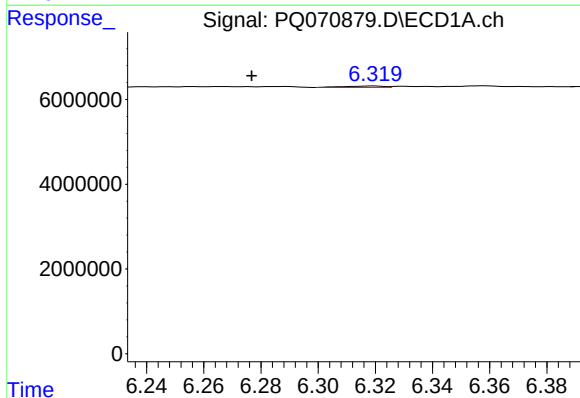
R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 103847
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



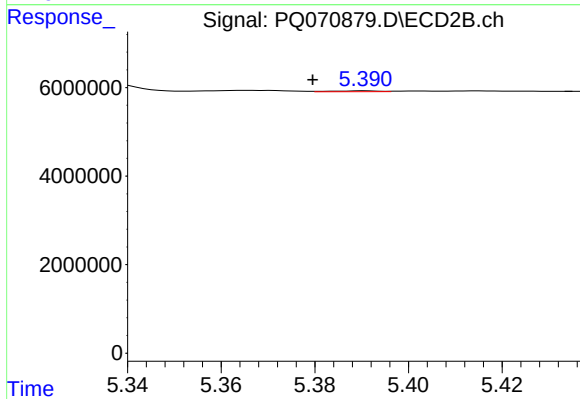
#31 AR-1260-1

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 220648
Conc: 0.62 ng/ml



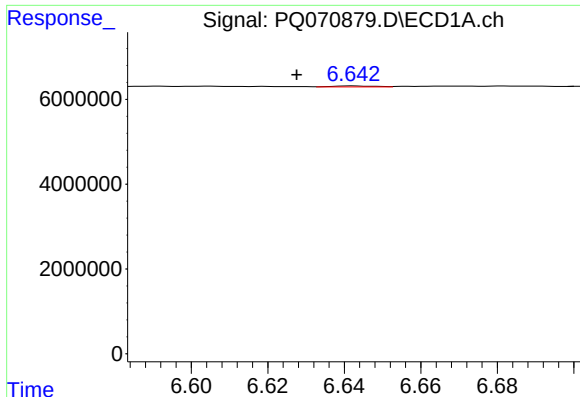
#32 AR-1260-2

R.T.: 6.320 min
Delta R.T.: 0.043 min
Response: 326227
Conc: 1.09 ng/ml



#32 AR-1260-2

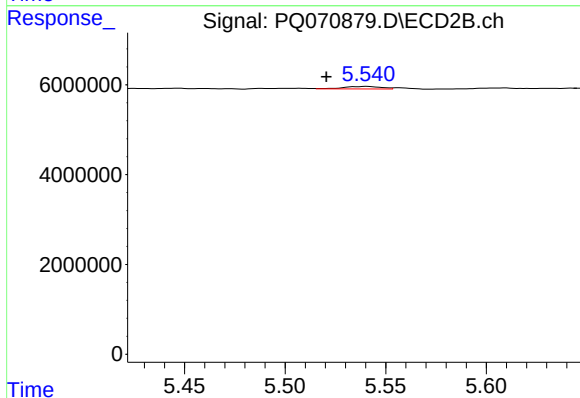
R.T.: 5.391 min
Delta R.T.: 0.011 min
Response: 137495
Conc: 0.32 ng/ml



#33 AR-1260-3

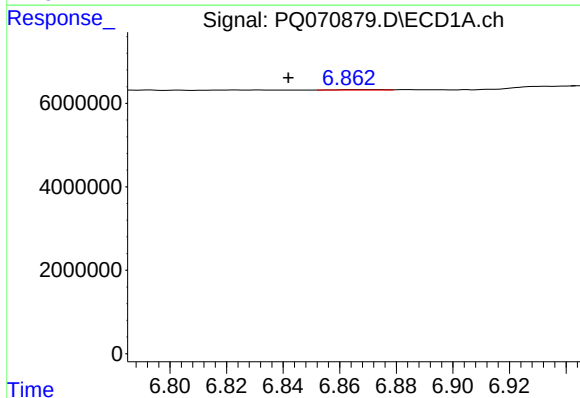
R.T.: 6.642 min
Delta R.T.: 0.015 min
Response: 165592
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



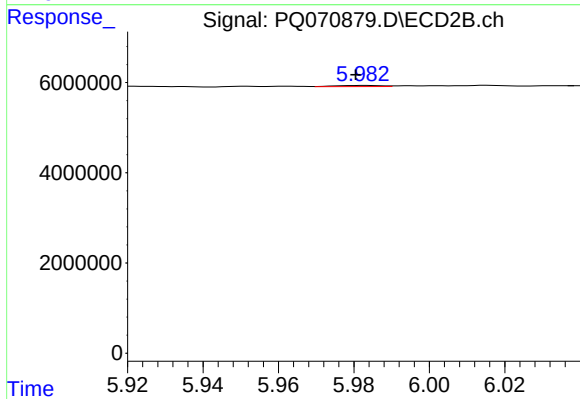
#33 AR-1260-3

R.T.: 5.541 min
Delta R.T.: 0.020 min
Response: 713801
Conc: 1.76 ng/ml



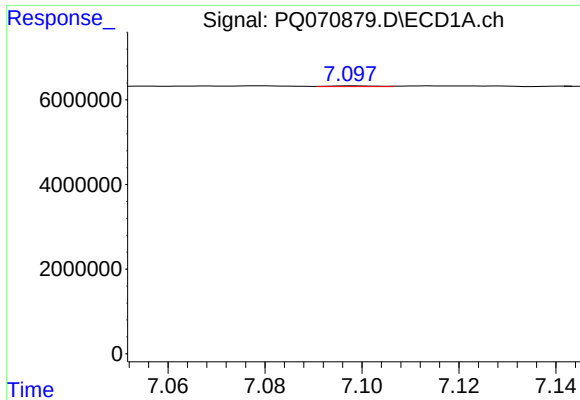
#34 AR-1260-4

R.T.: 6.872 min
Delta R.T.: 0.030 min
Response: 155231
Conc: 0.65 ng/ml



#34 AR-1260-4

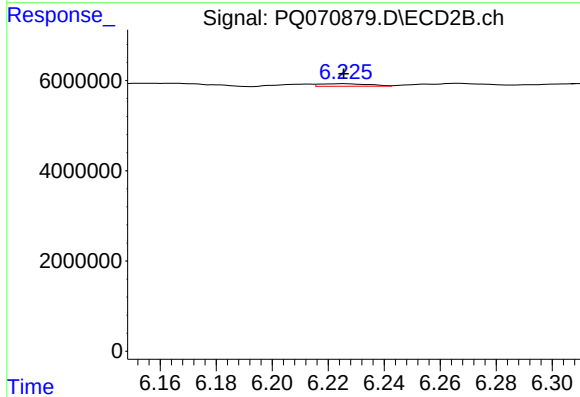
R.T.: 5.983 min
Delta R.T.: 0.002 min
Response: 208713
Conc: 0.59 ng/ml



#35 AR-1260-5

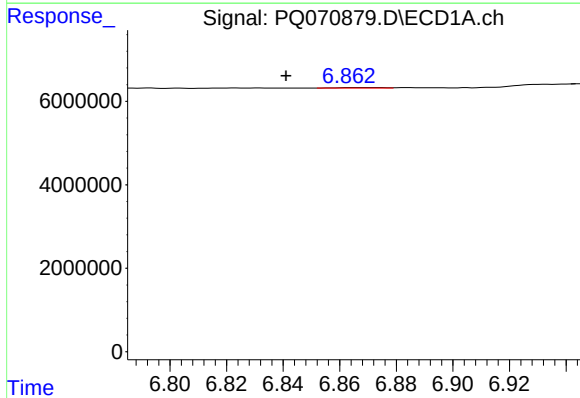
R.T.: 7.098 min
Delta R.T.: -0.049 min
Response: 125125
Conc: 0.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



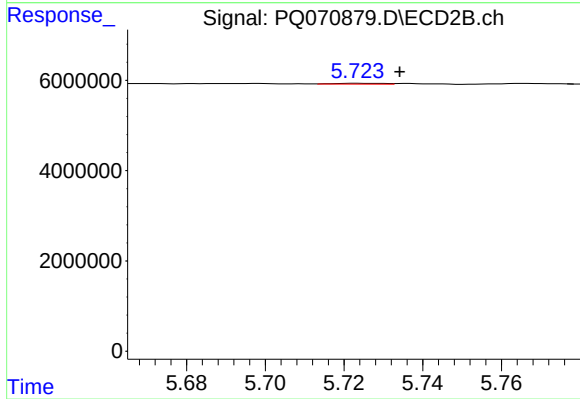
#35 AR-1260-5

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 686913
Conc: 0.84 ng/ml



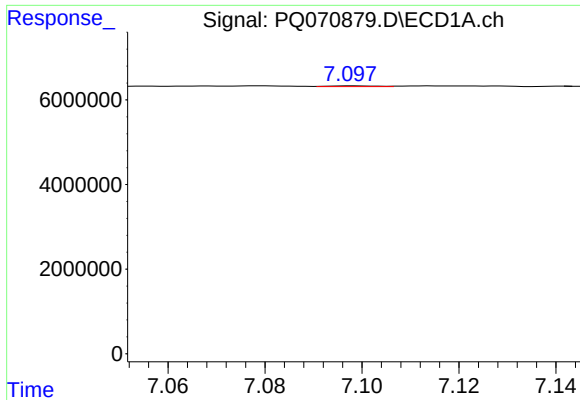
#36 AR-1262-1

R.T.: 6.872 min
Delta R.T.: 0.031 min
Response: 155231
Conc: 0.46 ng/ml



#36 AR-1262-1

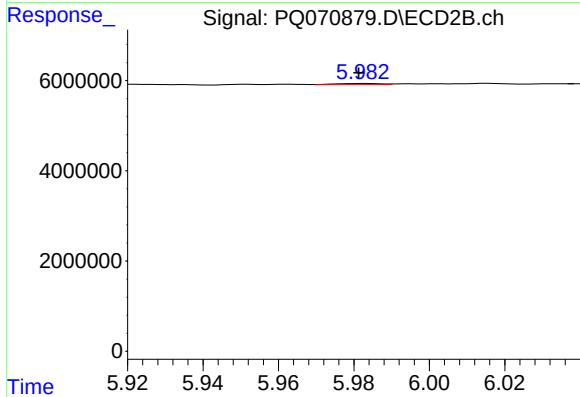
R.T.: 5.723 min
Delta R.T.: -0.011 min
Response: 142815
Conc: 0.27 ng/ml



#37 AR-1262-2

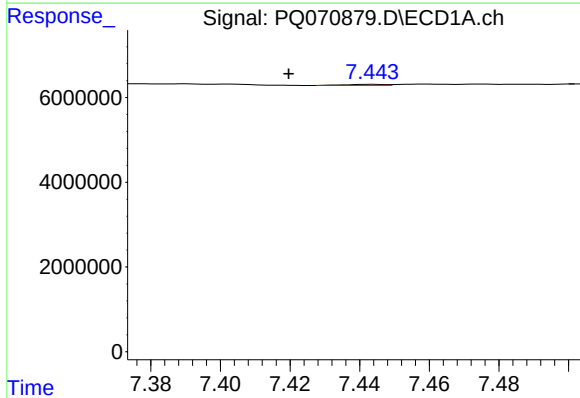
R.T.: 7.098 min
Delta R.T.: -0.048 min
Response: 125125
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



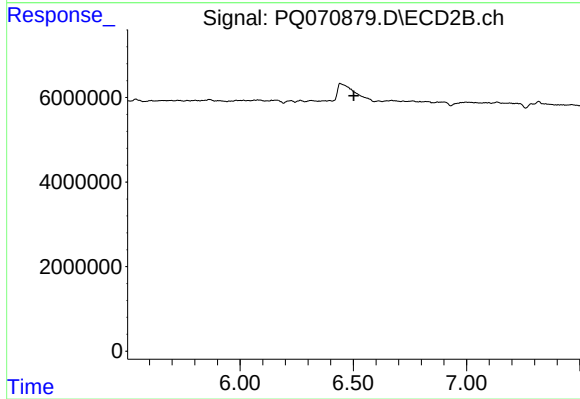
#37 AR-1262-2

R.T.: 5.983 min
Delta R.T.: 0.001 min
Response: 208713
Conc: 0.42 ng/ml



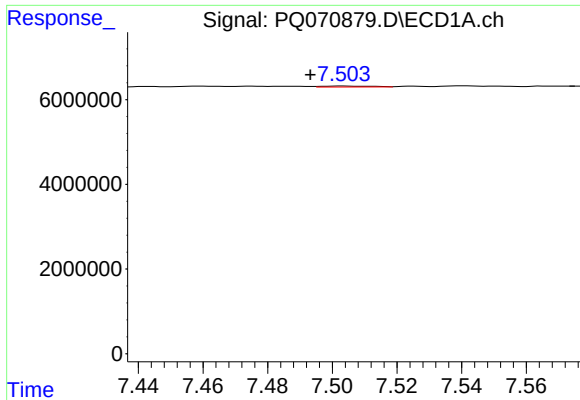
#38 AR-1262-3

R.T.: 7.443 min
Delta R.T.: 0.024 min
Response: 204605
Conc: 0.51 ng/ml



#38 AR-1262-3

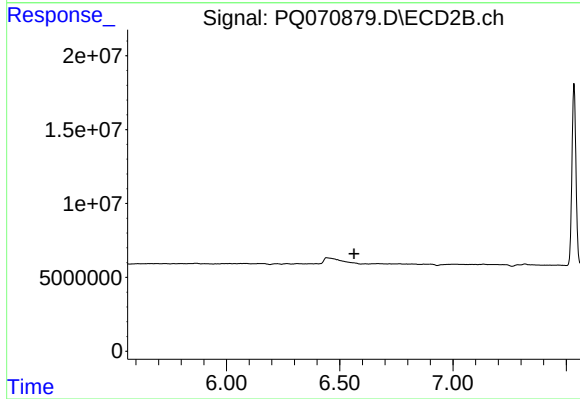
R.T.: 0.000 min
Exp R.T.: 6.502 min
Response: 0
Conc: N.D.



#39 AR-1262-4

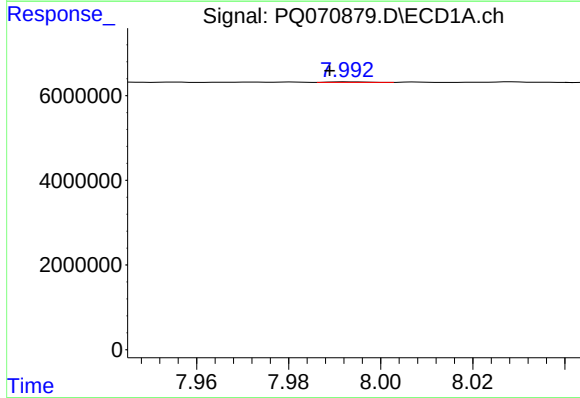
R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 244053
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



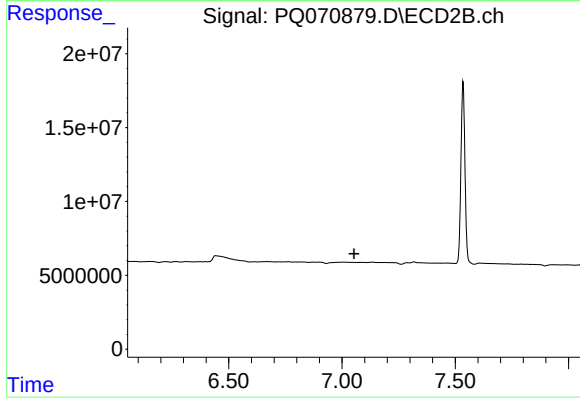
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.563 min
Response: 0
Conc: N.D.



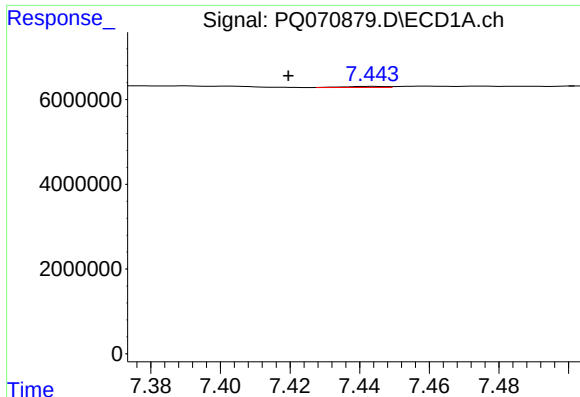
#40 AR-1262-5

R.T.: 7.993 min
Delta R.T.: 0.004 min
Response: 73248
Conc: 0.37 ng/ml



#40 AR-1262-5

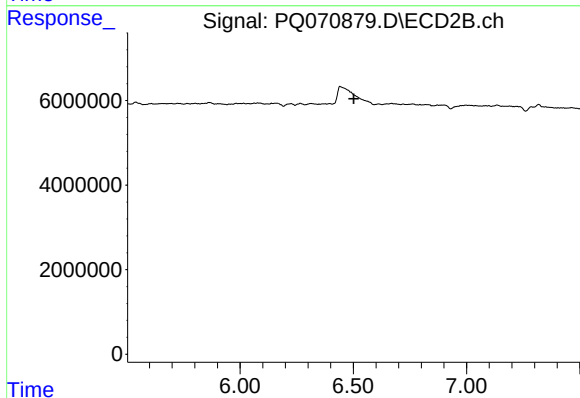
R.T.: 0.000 min
Exp R.T. : 7.053 min
Response: 0
Conc: N.D.



#41 AR-1268-1

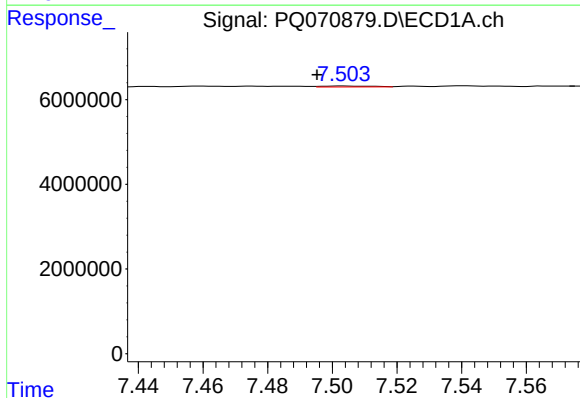
R.T.: 7.443 min
Delta R.T.: 0.024 min
Response: 204605
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



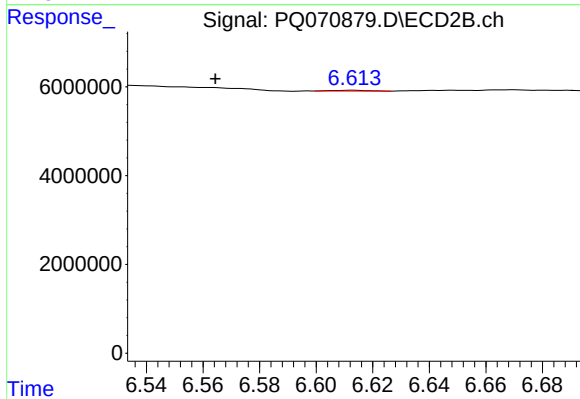
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.502 min
Response: 0
Conc: N.D.



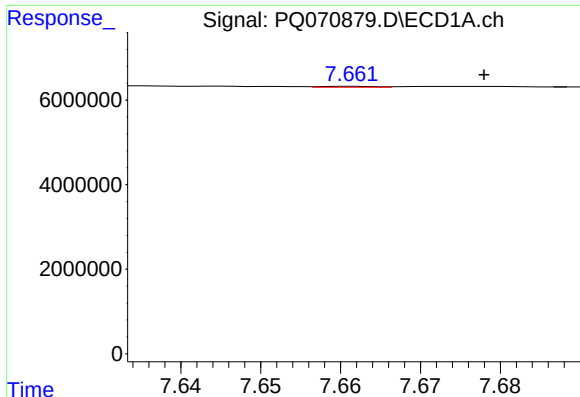
#42 AR-1268-2

R.T.: 7.503 min
Delta R.T.: 0.008 min
Response: 244053
Conc: 0.39 ng/ml



#42 AR-1268-2

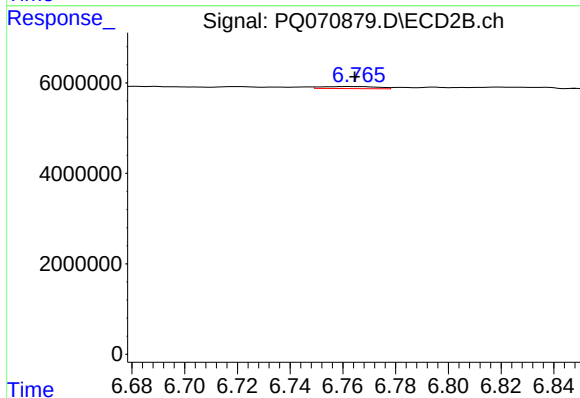
R.T.: 6.613 min
Delta R.T.: 0.049 min
Response: 149305
Conc: 0.14 ng/ml



#43 AR-1268-3

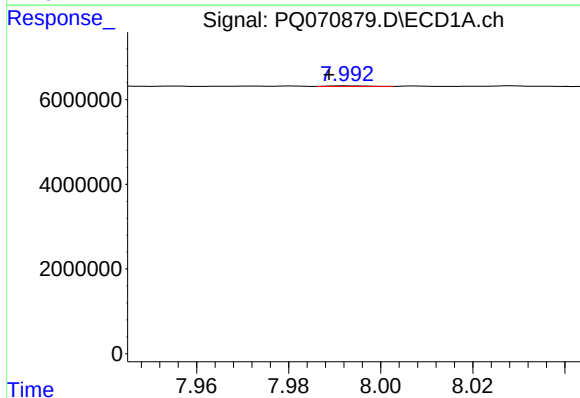
R.T.: 7.661 min
Delta R.T.: -0.016 min
Response: 96096
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



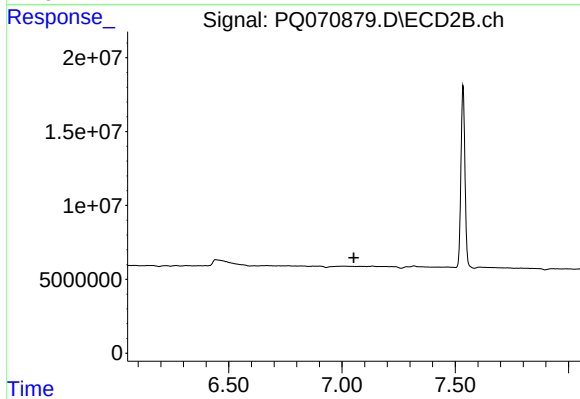
#43 AR-1268-3

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 677017
Conc: 0.76 ng/ml



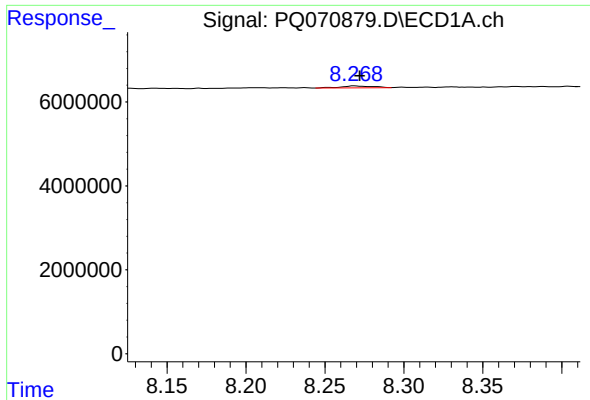
#44 AR-1268-4

R.T.: 7.993 min
Delta R.T.: 0.005 min
Response: 73248
Conc: 0.33 ng/ml



#44 AR-1268-4

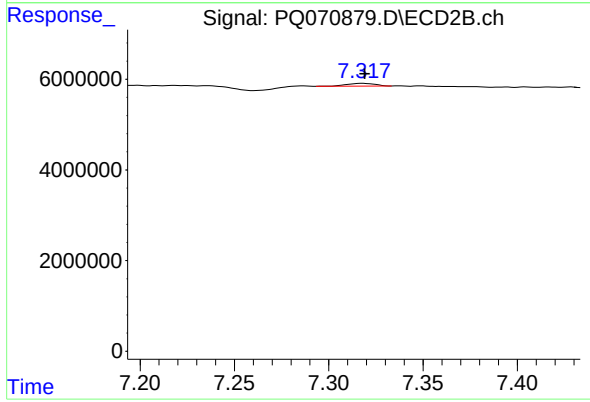
R.T.: 0.000 min
Exp R.T. : 7.052 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 680711
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 626557
Conc: 0.23 ng/ml