

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070862.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 08:13
 Operator : YP\AJ
 Sample : Q2893-09
 Misc : AR1248 WATER MDL 25PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 09:14:19 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...	3.401	2.778	91890455	102.0E6	17.156	15.900
2)	SA Decachlor...	8.497	7.534	72505589	125.8E6	18.804	17.835
Target Compounds							
3)	L1 AR-1016-1	4.483	3.778	1459160	6123246	8.801	28.554 #
4)	L1 AR-1016-2	4.500	3.793	3133339	5726088	11.747	17.612 #
5)	L1 AR-1016-3	4.556	3.955	2080456	8621976	12.565	47.444 #
6)	L1 AR-1016-4	4.645	4.002	1928687	10801385	14.246	68.150 #
7)	L1 AR-1016-5	4.931	4.197	5178112	14014990	38.721	75.205 #
8)	L2 AR-1221-1	3.601	2.986	160564	320307	2.182	3.587 #
9)	L2 AR-1221-2	3.674	3.046	1711016	1998364	31.918	29.850
10)	L2 AR-1221-3	3.745	3.122	747424	1039228	4.536	5.204
11)	L3 AR-1232-1	3.745	3.122	747424	1039228	5.356	6.087
12)	L3 AR-1232-2	4.226	3.793	1700119	5726088	22.211	32.984 #
13)	L3 AR-1232-3	4.500	3.955	3133339	8621976	21.856	92.362 #
14)	L3 AR-1232-4	4.645	4.038	1928687	10647256	26.944	133.447 #
15)	L3 AR-1232-5	4.799	4.197	13121105	14014990	225.997	157.656 #
16)	L4 AR-1242-1	4.483	3.778	1459160	6123246	9.491	32.935 #
17)	L4 AR-1242-2	4.500	3.793	3133339	5726088	13.089	20.333 #
18)	L4 AR-1242-3	4.556	3.955	2080456	8621976	13.975	55.030 #
19)	L4 AR-1242-4	4.645	4.038	1928687	10647256	15.681	72.899 #
20)	L4 AR-1242-5	5.344	4.534	6899126	15198311	52.282	78.609 #
21)	L5 AR-1248-1	4.483	3.778	1459160	6123246	12.737	42.877 #
22)	L5 AR-1248-2	4.744	4.002	3846201	10801385	23.521	49.996 #
23)	L5 AR-1248-3	4.931	4.038	5178112	10647256	26.467	51.192 #
24)	L5 AR-1248-4	5.317	4.197	12985993	14014990	60.071	54.889
25)	L5 AR-1248-5	5.344	4.554	6899126	38103917	31.582	147.357 #
26)	L6 AR-1254-1	5.290	4.534	28551458	15198311	122.224	38.189 #
27)	L6 AR-1254-2	5.502	4.680	16696645	15752060	46.778	44.975
28)	L6 AR-1254-3	5.854	5.066	6589743	20727047	17.386	36.643 #
29)	L6 AR-1254-4	6.135	5.286	8619514	7036058	32.053	20.349 #
30)	L6 AR-1254-5	6.543	5.690	3154077	841874	10.525	1.605 #
31)	L7 AR-1260-1	6.052f	5.190	14600013	10236098	59.615	28.679 #
32)	L7 AR-1260-2	6.280	5.365	2134030	2589522	7.122	6.087
33)	L7 AR-1260-3	6.633	5.510	1449729	858291	6.769	2.122 #
34)	L7 AR-1260-4	6.820	5.977	245775	1246134	1.034	3.520 #
35)	L7 AR-1260-5	0.000	6.223	0	1907634	N.D.	2.324 #
36)	L8 AR-1262-1	6.820	5.730	245775	323737	0.733	0.610
37)	L8 AR-1262-2	0.000	5.977	0	1246134	N.D.	2.505 #
38)	L8 AR-1262-3	7.375f	0.000	90101	0	0.225	N.D. #
39)	L8 AR-1262-4	7.492	0.000	415365	0	1.312	N.D. #
41)	L9 AR-1268-1	7.375f	0.000	90101	0	0.132	N.D. #
42)	L9 AR-1268-2	7.492	0.000	415365	0	0.658	N.D. #

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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
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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
43) L9	AR-1268-3	7.709f	0.000	311750	0	0.600	N.D. #
45) L9	AR-1268-5	8.275	7.317	565356	793742	0.365	0.290

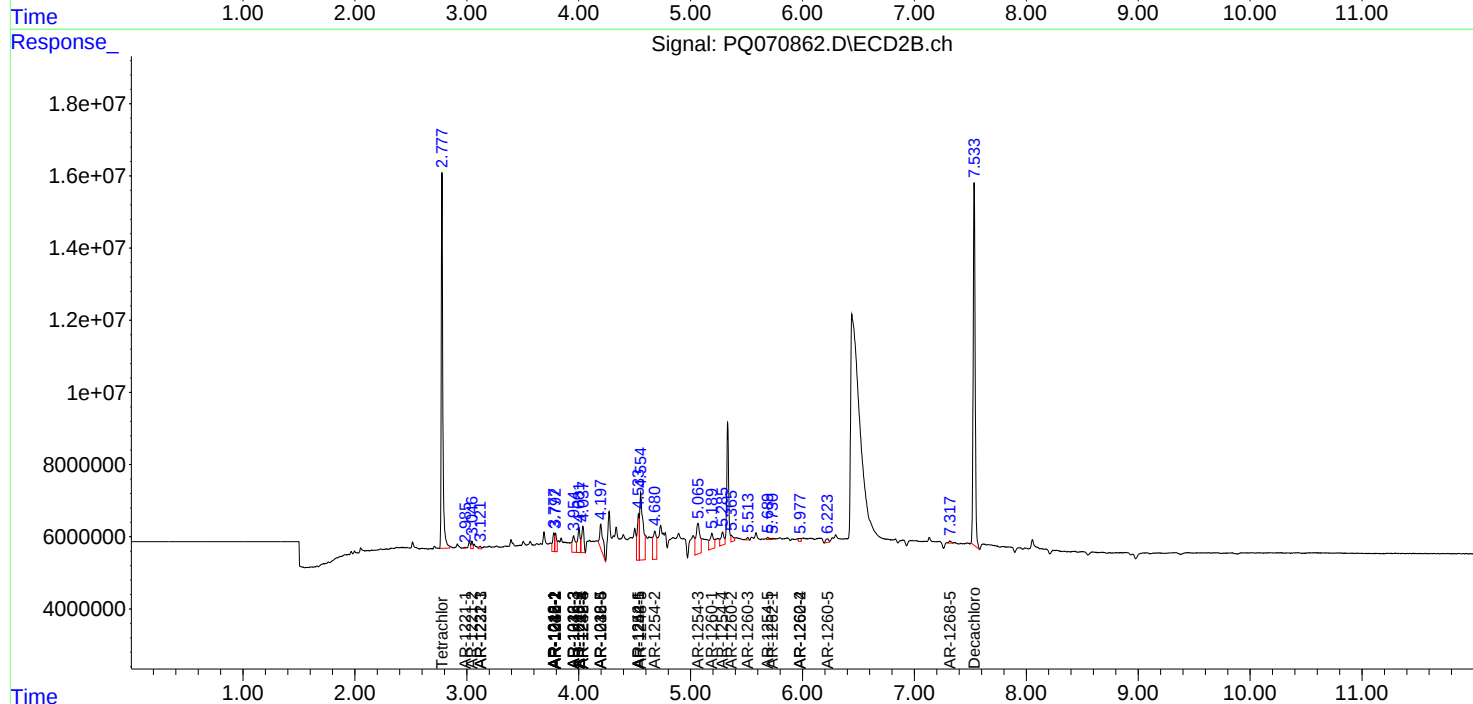
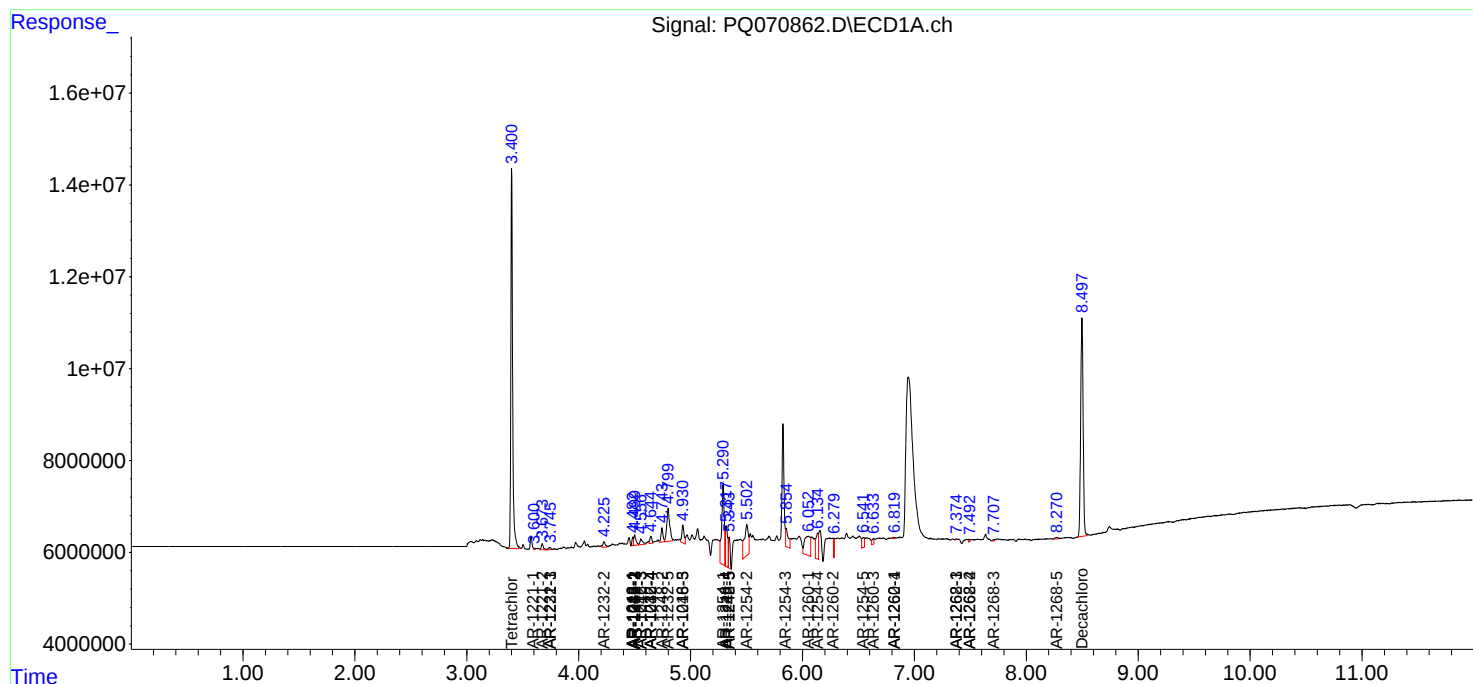
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

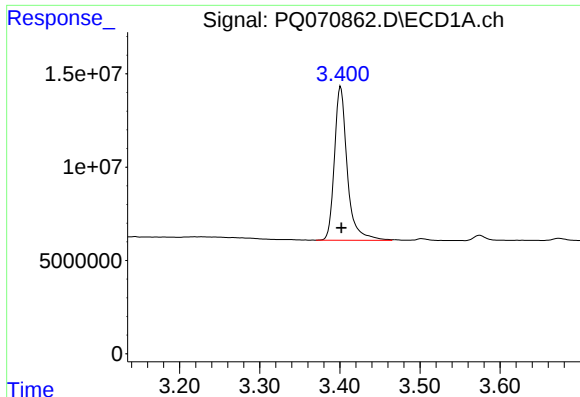
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070862.D
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Sample : Q2893-09
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

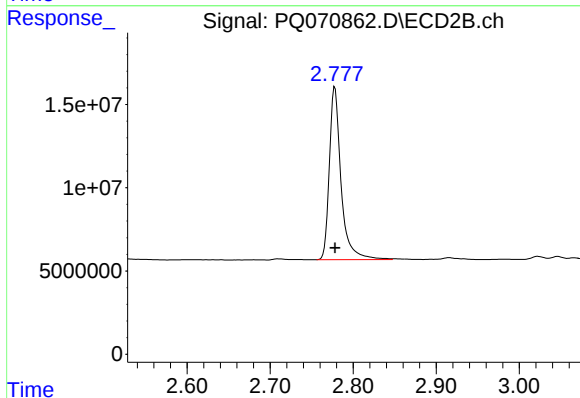




#1 Tetrachloro-m-xylene

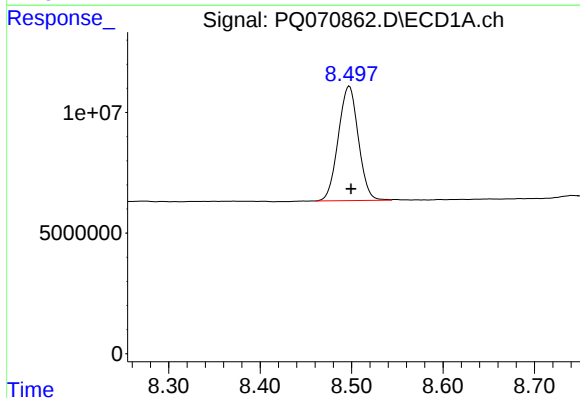
R.T.: 3.401 min
Delta R.T.: -0.001 min
Response: 91890455
Conc: 17.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



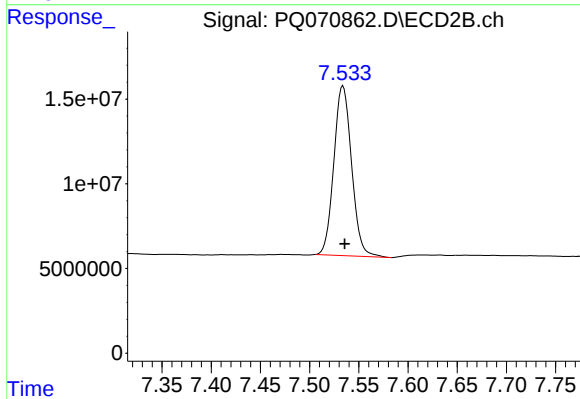
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 101957873
Conc: 15.90 ng/ml



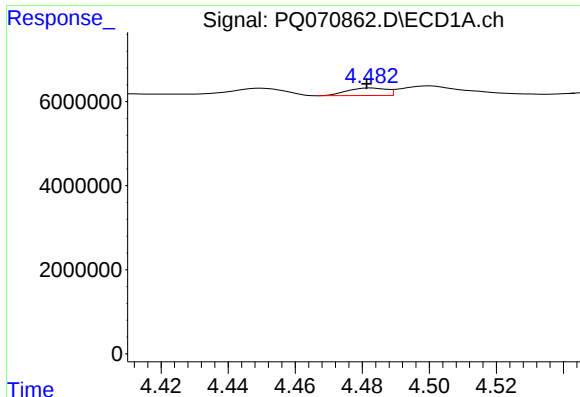
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 72505589
Conc: 18.80 ng/ml



#2 Decachlorobiphenyl

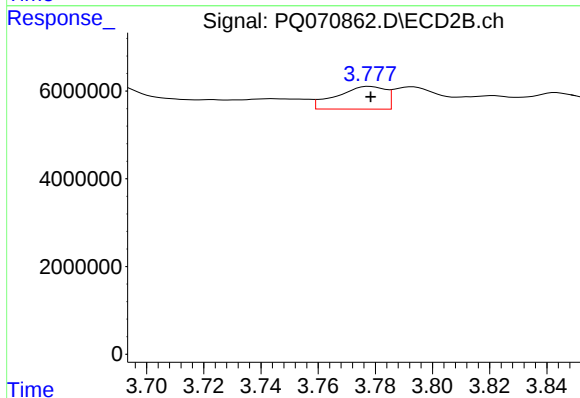
R.T.: 7.534 min
Delta R.T.: -0.002 min
Response: 125784352
Conc: 17.83 ng/ml



#3 AR-1016-1

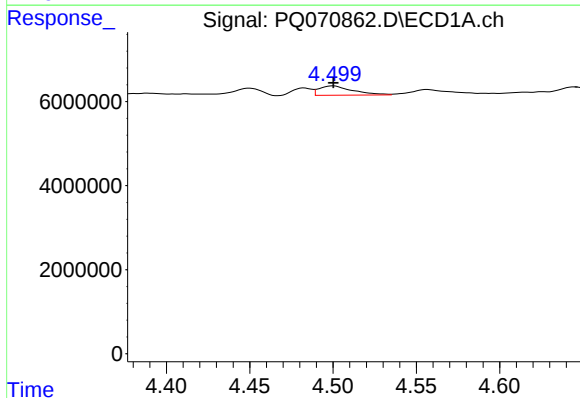
R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 1459160
Conc: 8.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



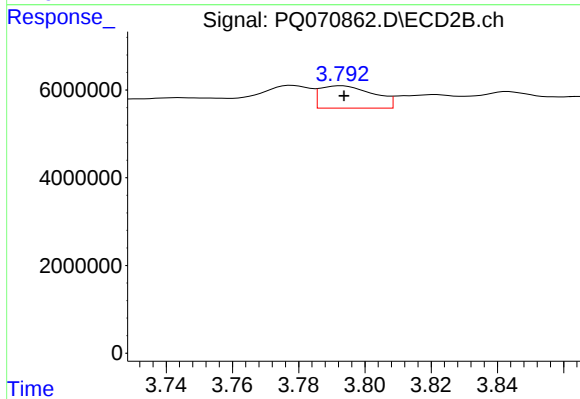
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 6123246
Conc: 28.55 ng/ml



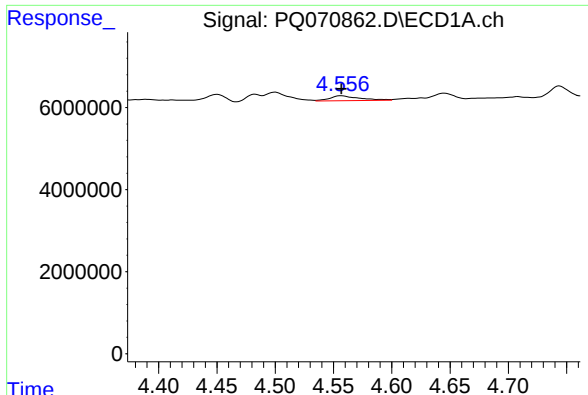
#4 AR-1016-2

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 3133339
Conc: 11.75 ng/ml



#4 AR-1016-2

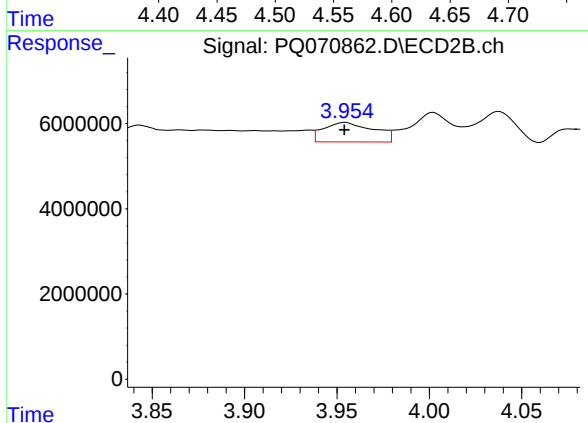
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 5726088
Conc: 17.61 ng/ml



#5 AR-1016-3

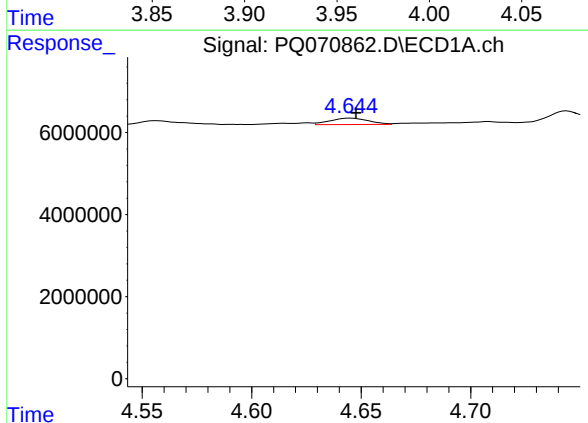
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 2080456
Conc: 12.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



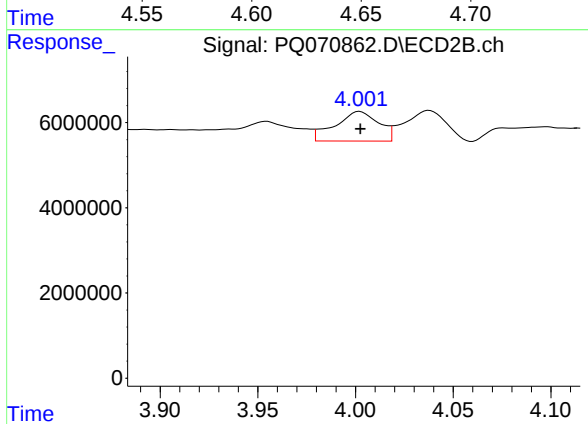
#5 AR-1016-3

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 8621976
Conc: 47.44 ng/ml



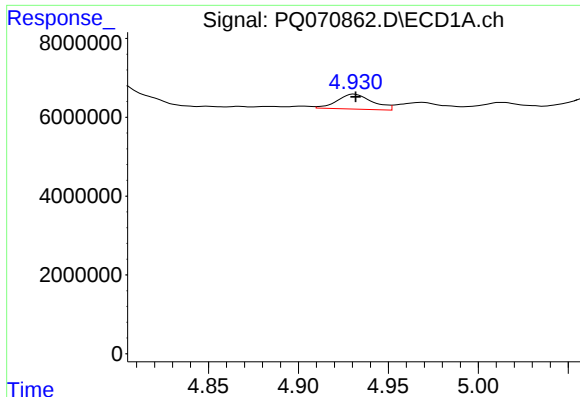
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: -0.003 min
Response: 1928687
Conc: 14.25 ng/ml



#6 AR-1016-4

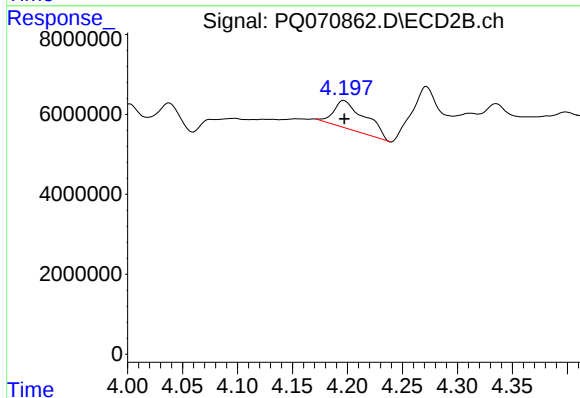
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 10801385
Conc: 68.15 ng/ml



#7 AR-1016-5

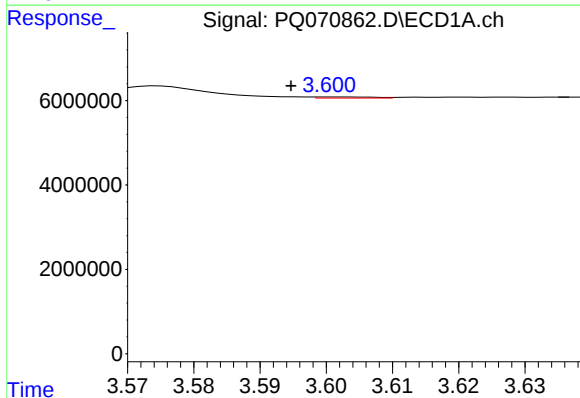
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 5178112
Conc: 38.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



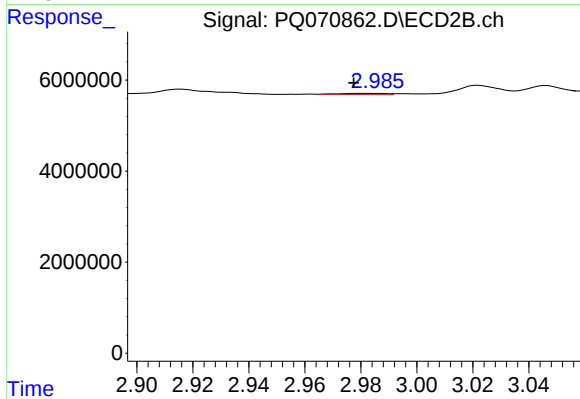
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 14014990
Conc: 75.20 ng/ml



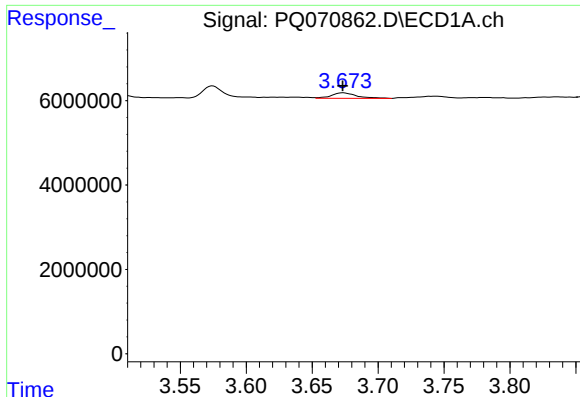
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: 0.006 min
Response: 160564
Conc: 2.18 ng/ml



#8 AR-1221-1

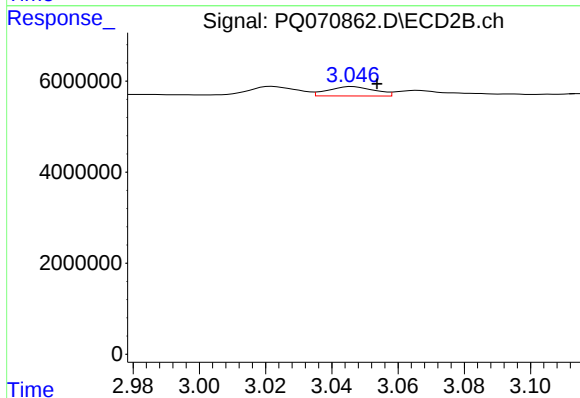
R.T.: 2.986 min
Delta R.T.: 0.008 min
Response: 320307
Conc: 3.59 ng/ml



#9 AR-1221-2

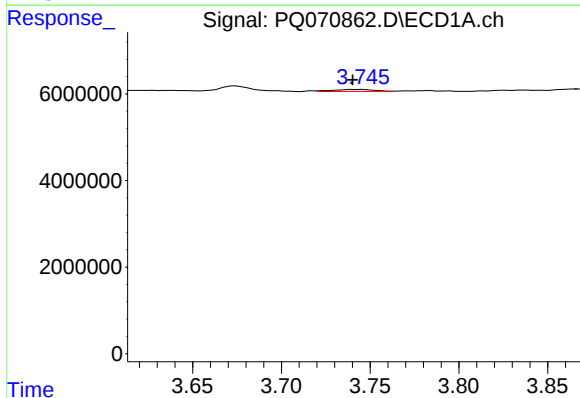
R.T.: 3.674 min
Delta R.T.: 0.000 min
Response: 1711016
Conc: 31.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



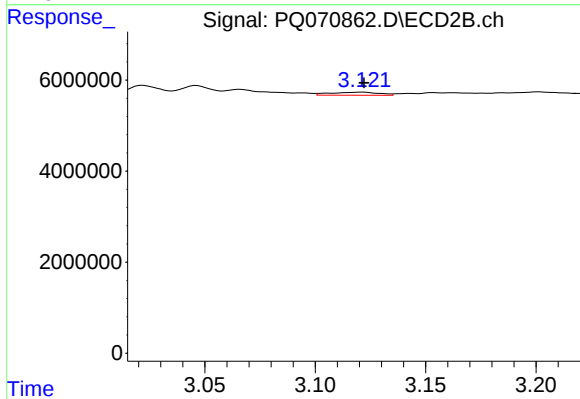
#9 AR-1221-2

R.T.: 3.046 min
Delta R.T.: -0.007 min
Response: 1998364
Conc: 29.85 ng/ml



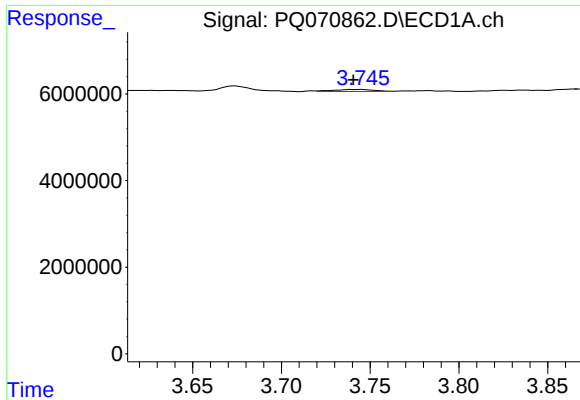
#10 AR-1221-3

R.T.: 3.745 min
Delta R.T.: 0.005 min
Response: 747424
Conc: 4.54 ng/ml



#10 AR-1221-3

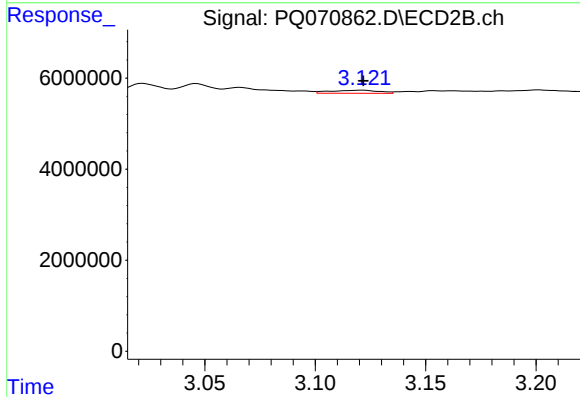
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 1039228
Conc: 5.20 ng/ml



#11 AR-1232-1

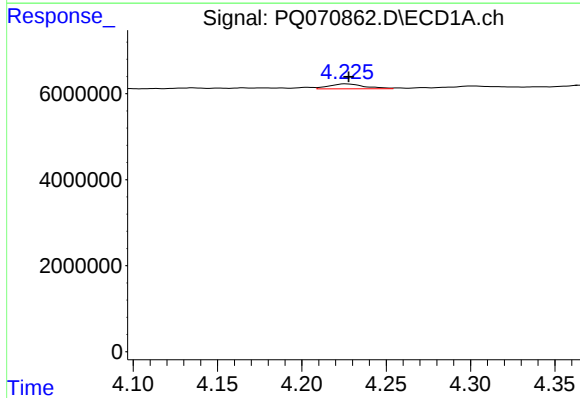
R.T.: 3.745 min
Delta R.T.: 0.004 min
Response: 747424
Conc: 5.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



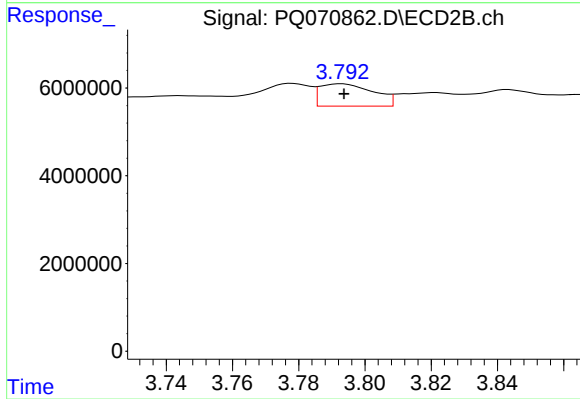
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 1039228
Conc: 6.09 ng/ml



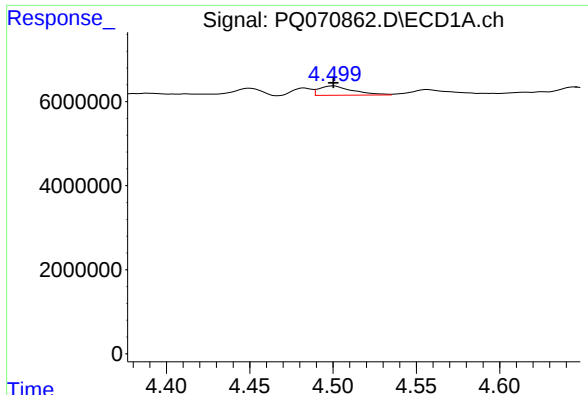
#12 AR-1232-2

R.T.: 4.226 min
Delta R.T.: -0.002 min
Response: 1700119
Conc: 22.21 ng/ml



#12 AR-1232-2

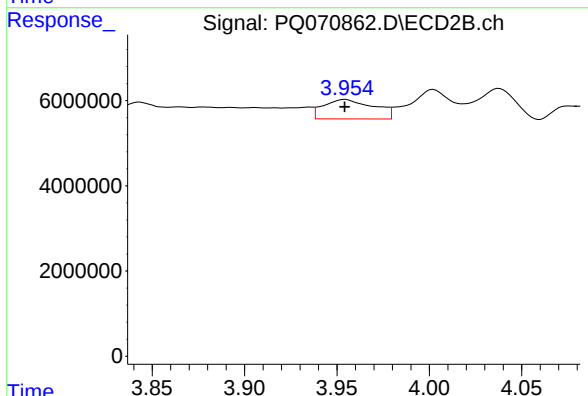
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 5726088
Conc: 32.98 ng/ml



#13 AR-1232-3

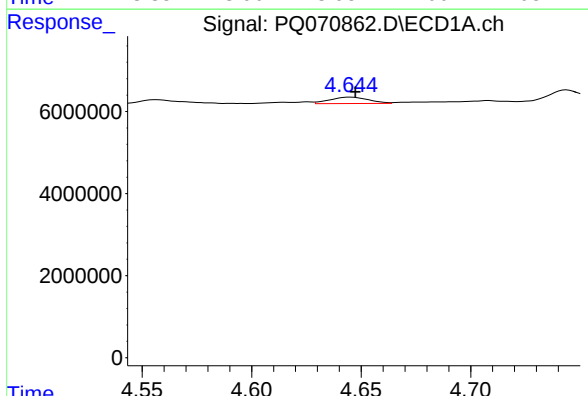
R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 3133339
Conc: 21.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



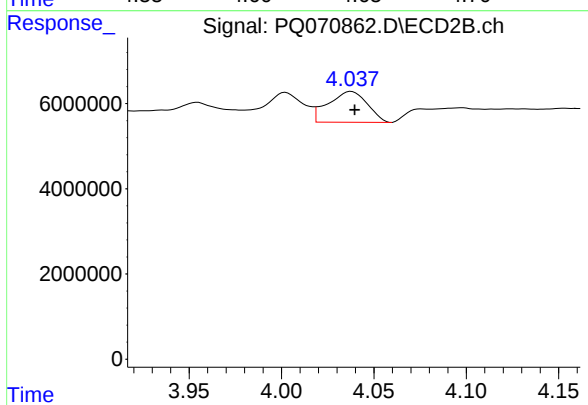
#13 AR-1232-3

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 8621976
Conc: 92.36 ng/ml



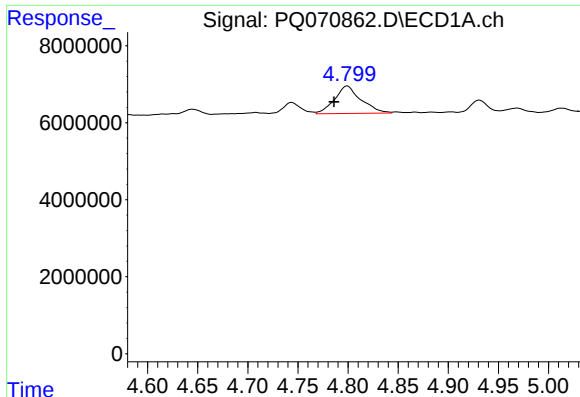
#14 AR-1232-4

R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 1928687
Conc: 26.94 ng/ml



#14 AR-1232-4

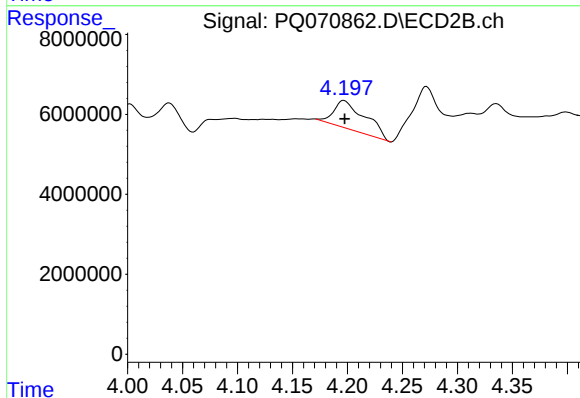
R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 10647256
Conc: 133.45 ng/ml



#15 AR-1232-5

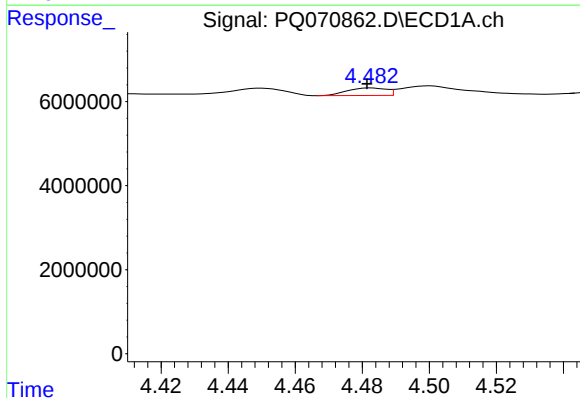
R.T.: 4.799 min
Delta R.T.: 0.013 min
Response: 13121105
Conc: 226.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



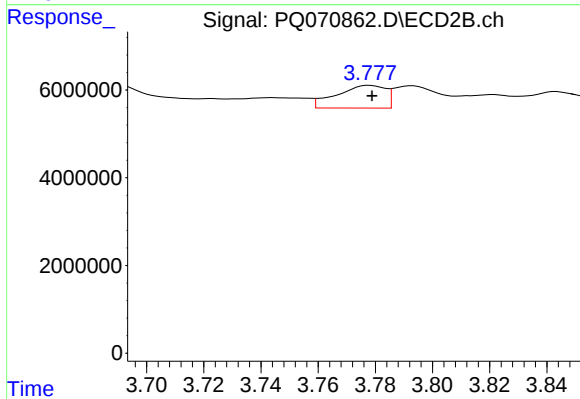
#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 14014990
Conc: 157.66 ng/ml



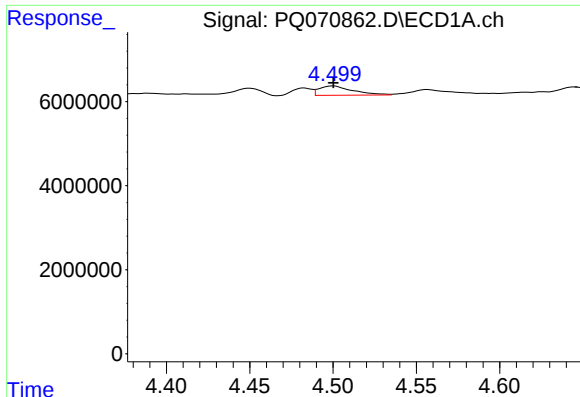
#16 AR-1242-1

R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 1459160
Conc: 9.49 ng/ml



#16 AR-1242-1

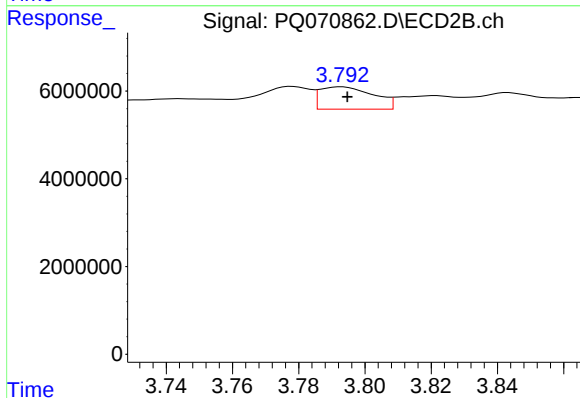
R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 6123246
Conc: 32.94 ng/ml



#17 AR-1242-2

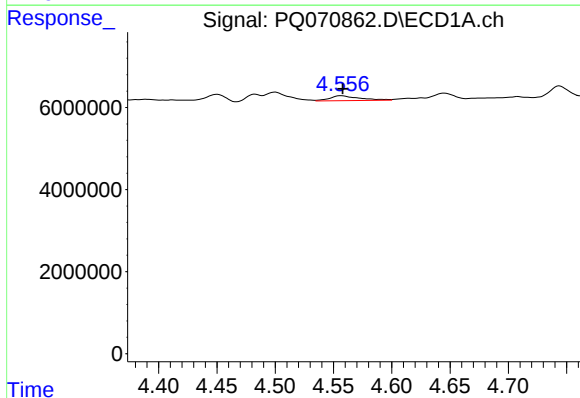
R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 3133339
Conc: 13.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



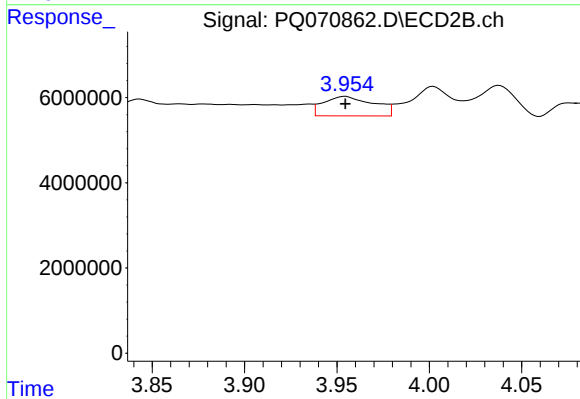
#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: -0.002 min
Response: 5726088
Conc: 20.33 ng/ml



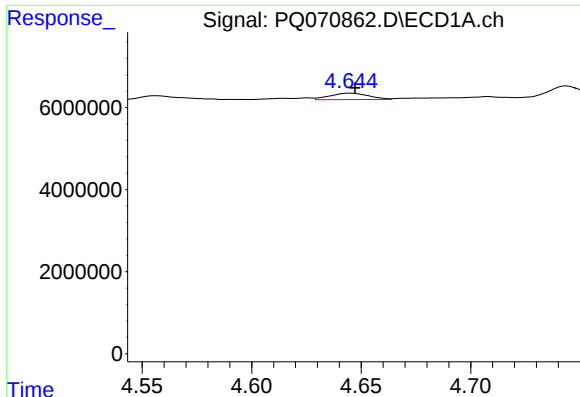
#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 2080456
Conc: 13.97 ng/ml



#18 AR-1242-3

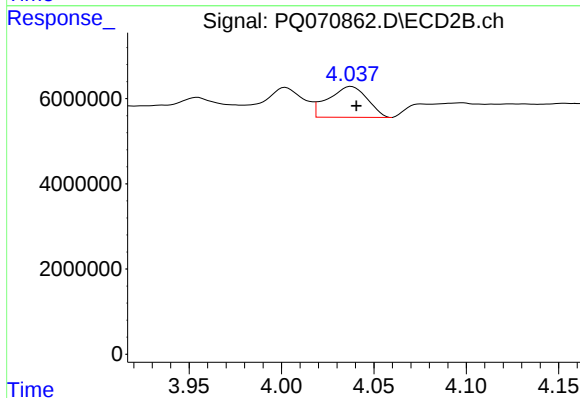
R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 8621976
Conc: 55.03 ng/ml



#19 AR-1242-4

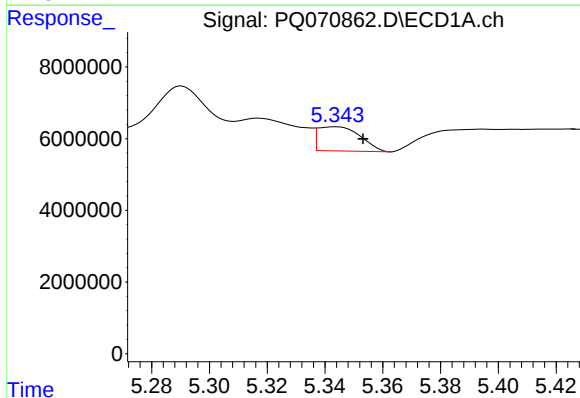
R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 1928687
Conc: 15.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



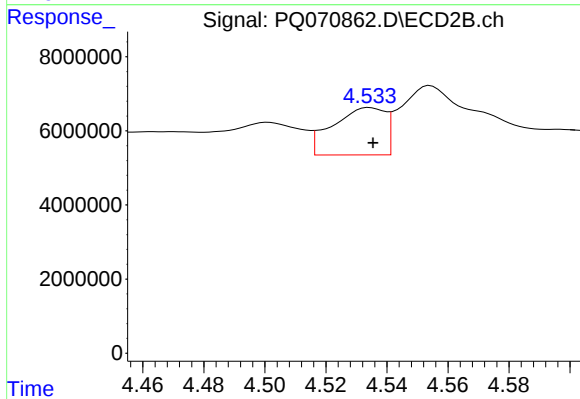
#19 AR-1242-4

R.T.: 4.038 min
Delta R.T.: -0.003 min
Response: 10647256
Conc: 72.90 ng/ml



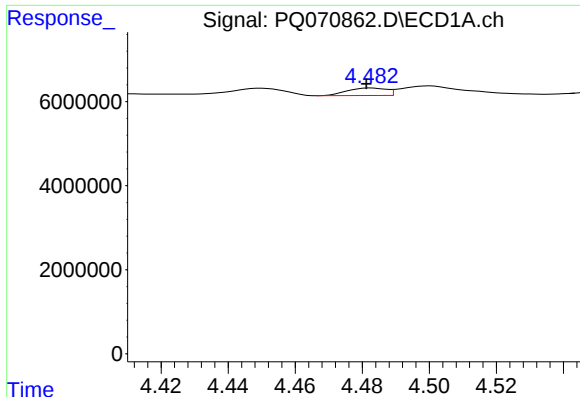
#20 AR-1242-5

R.T.: 5.344 min
Delta R.T.: -0.009 min
Response: 6899126
Conc: 52.28 ng/ml



#20 AR-1242-5

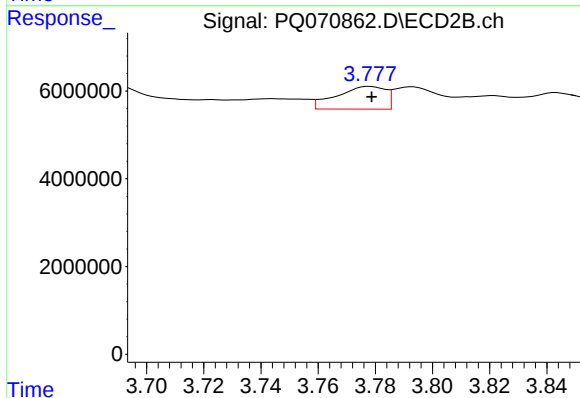
R.T.: 4.534 min
Delta R.T.: -0.001 min
Response: 15198311
Conc: 78.61 ng/ml



#21 AR-1248-1

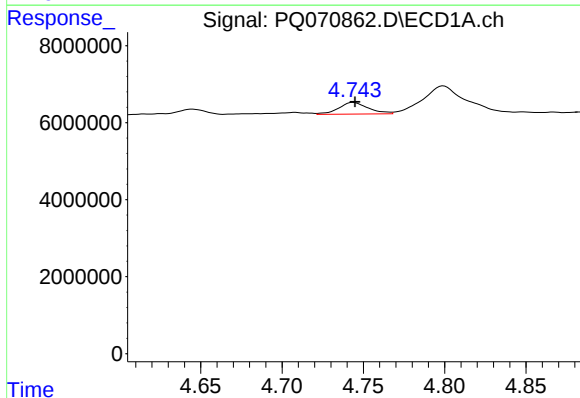
R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 1459160
Conc: 12.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



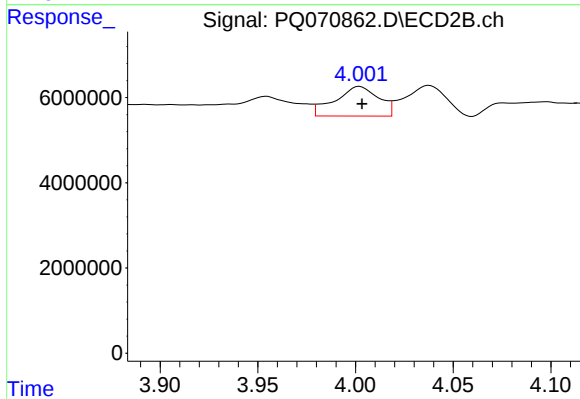
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 6123246
Conc: 42.88 ng/ml



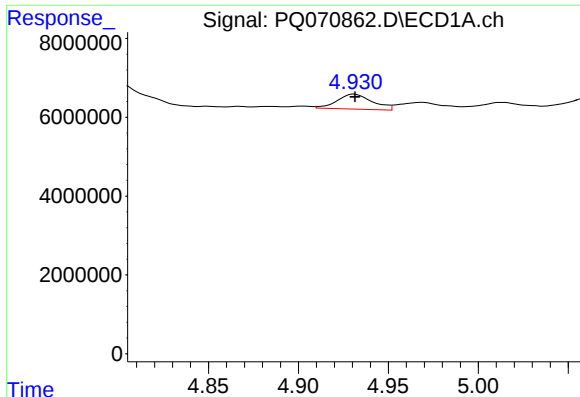
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 3846201
Conc: 23.52 ng/ml



#22 AR-1248-2

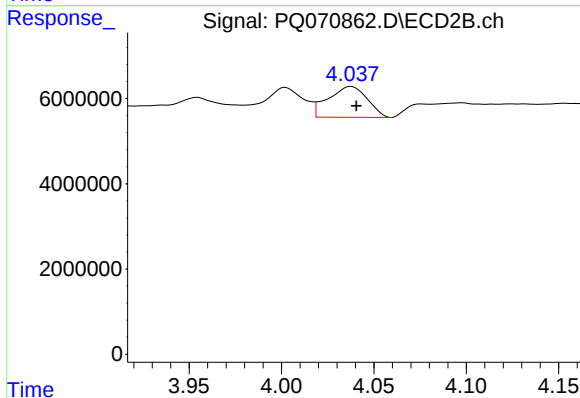
R.T.: 4.002 min
Delta R.T.: -0.001 min
Response: 10801385
Conc: 50.00 ng/ml



#23 AR-1248-3

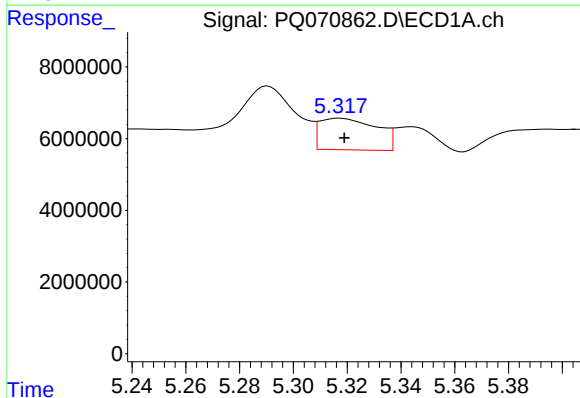
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 5178112
Conc: 26.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



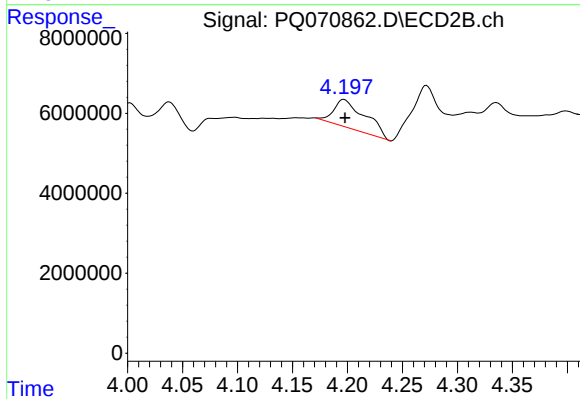
#23 AR-1248-3

R.T.: 4.038 min
Delta R.T.: -0.003 min
Response: 10647256
Conc: 51.19 ng/ml



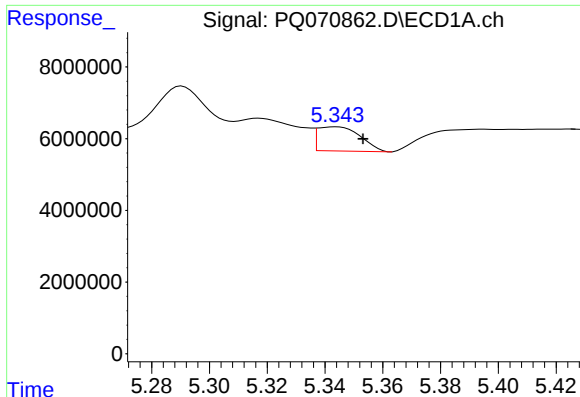
#24 AR-1248-4

R.T.: 5.317 min
Delta R.T.: -0.002 min
Response: 12985993
Conc: 60.07 ng/ml



#24 AR-1248-4

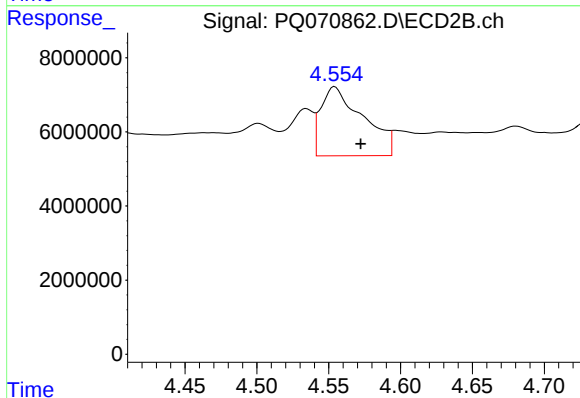
R.T.: 4.197 min
Delta R.T.: -0.001 min
Response: 14014990
Conc: 54.89 ng/ml



#25 AR-1248-5

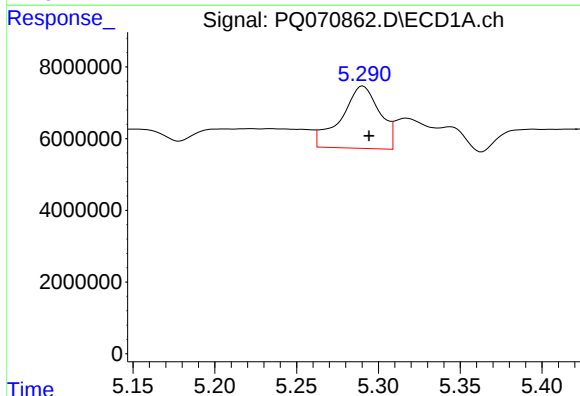
R.T.: 5.344 min
Delta R.T.: -0.009 min
Response: 6899126
Conc: 31.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



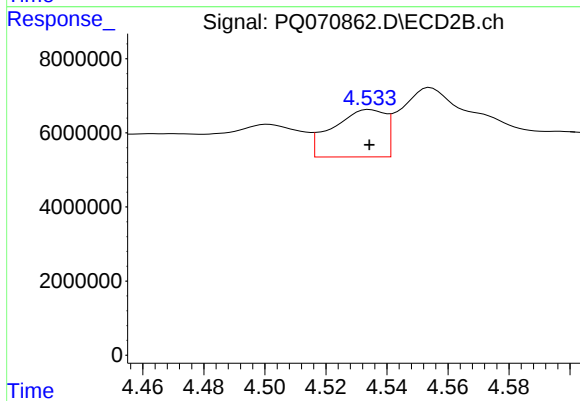
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: -0.018 min
Response: 38103917
Conc: 147.36 ng/ml



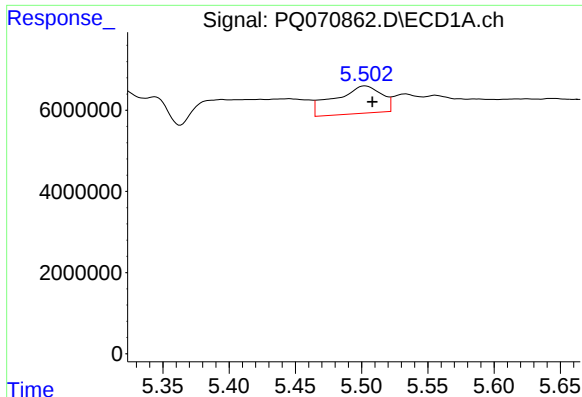
#26 AR-1254-1

R.T.: 5.290 min
Delta R.T.: -0.004 min
Response: 28551458
Conc: 122.22 ng/ml



#26 AR-1254-1

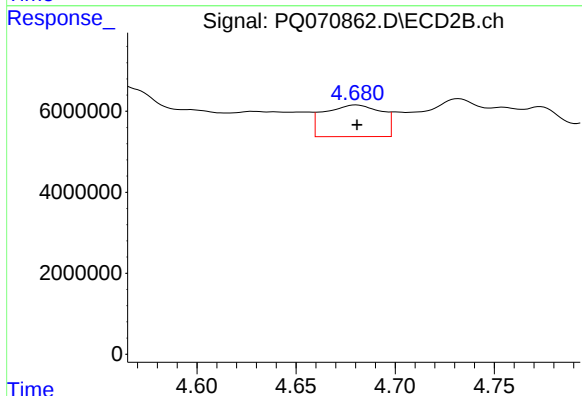
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 15198311
Conc: 38.19 ng/ml



#27 AR-1254-2

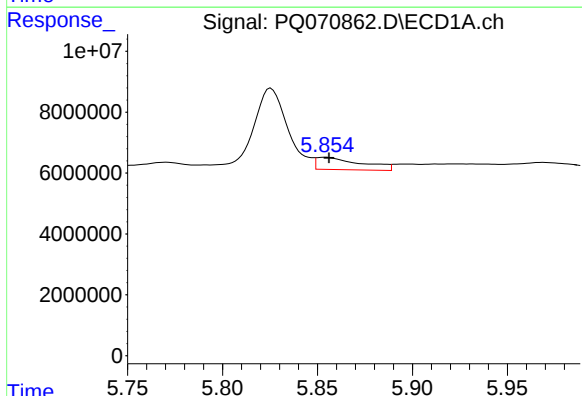
R.T.: 5.502 min
Delta R.T.: -0.006 min
Response: 16696645
Conc: 46.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



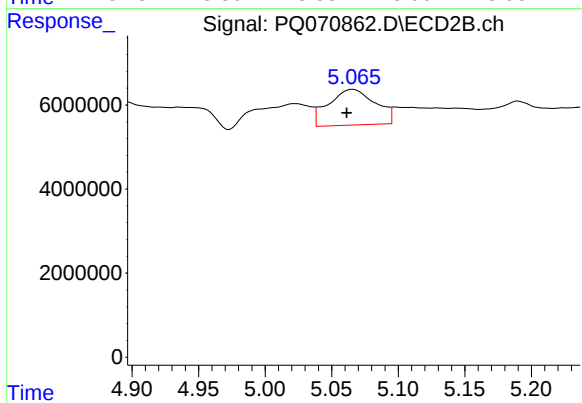
#27 AR-1254-2

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 15752060
Conc: 44.98 ng/ml



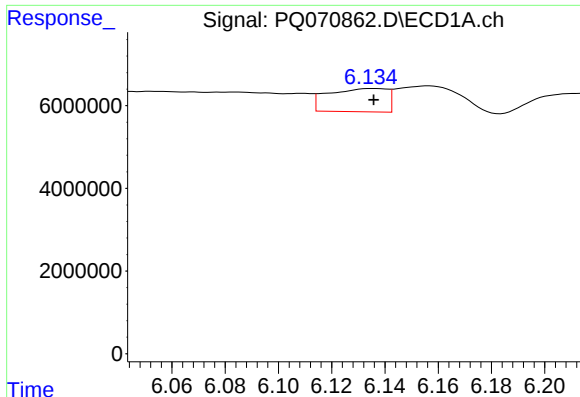
#28 AR-1254-3

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 6589743
Conc: 17.39 ng/ml



#28 AR-1254-3

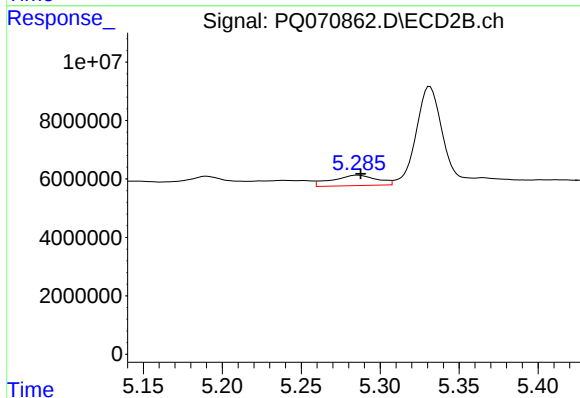
R.T.: 5.066 min
Delta R.T.: 0.004 min
Response: 20727047
Conc: 36.64 ng/ml



#29 AR-1254-4

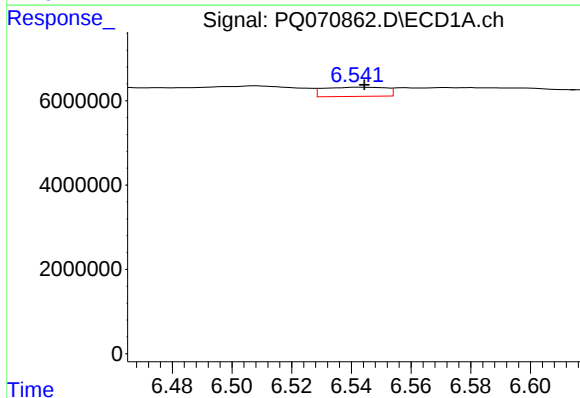
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 8619514
Conc: 32.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



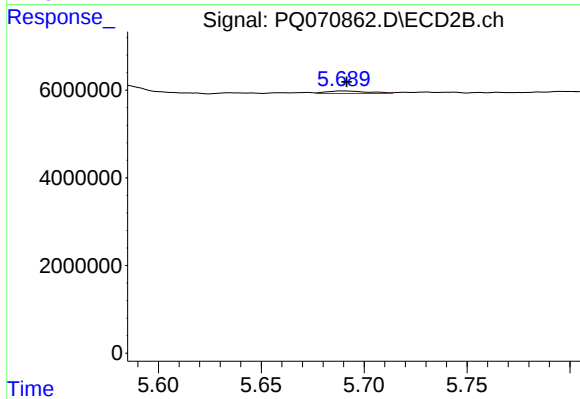
#29 AR-1254-4

R.T.: 5.286 min
Delta R.T.: -0.002 min
Response: 7036058
Conc: 20.35 ng/ml



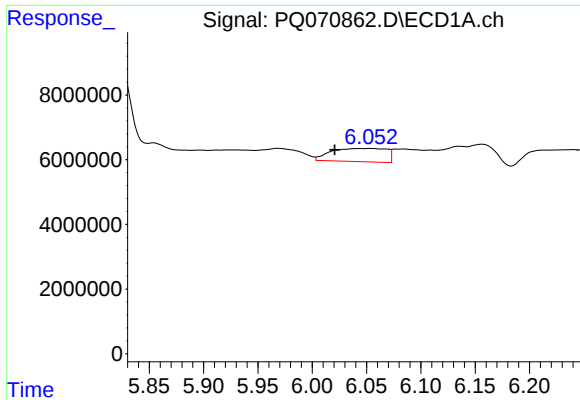
#30 AR-1254-5

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 3154077
Conc: 10.52 ng/ml



#30 AR-1254-5

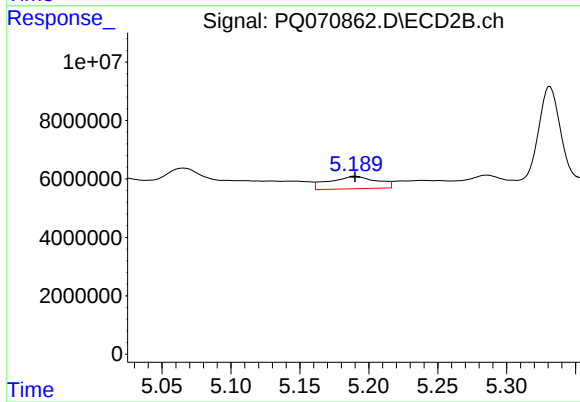
R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 841874
Conc: 1.61 ng/ml



#31 AR-1260-1

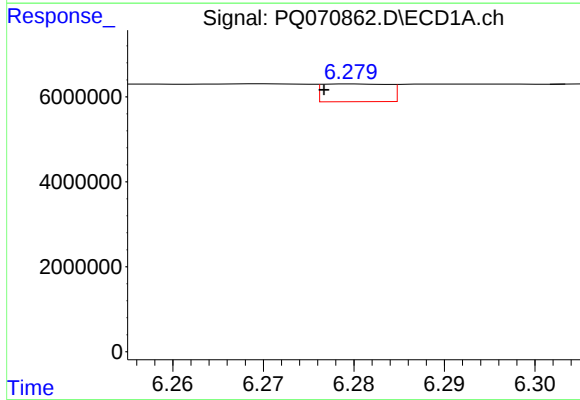
R.T.: 6.052 min
Delta R.T.: 0.032 min
Response: 14600013
Conc: 59.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



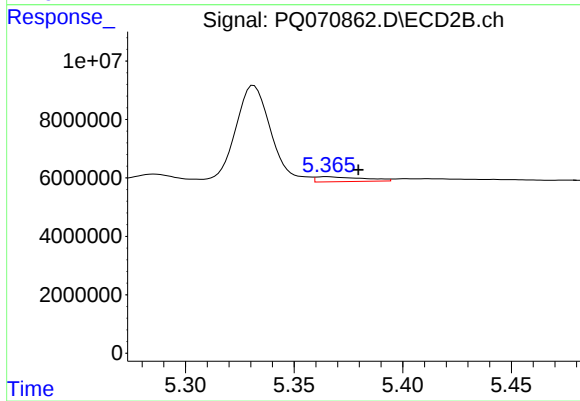
#31 AR-1260-1

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 10236098
Conc: 28.68 ng/ml



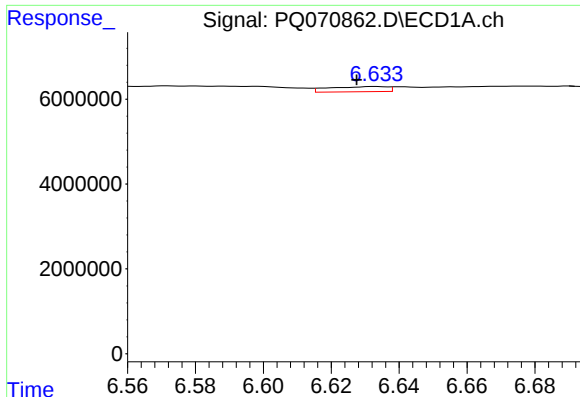
#32 AR-1260-2

R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 2134030
Conc: 7.12 ng/ml



#32 AR-1260-2

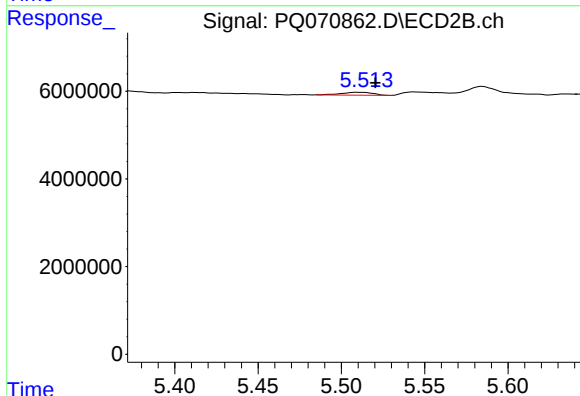
R.T.: 5.365 min
Delta R.T.: -0.014 min
Response: 2589522
Conc: 6.09 ng/ml



#33 AR-1260-3

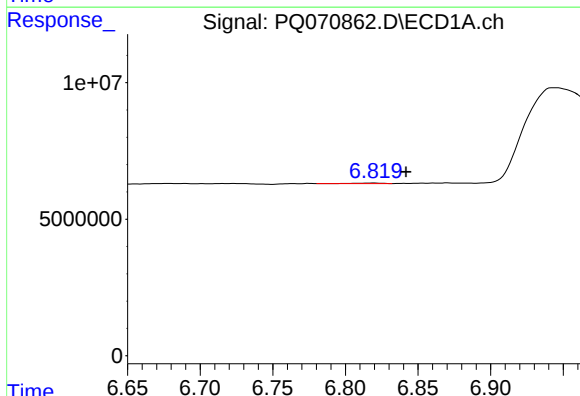
R.T.: 6.633 min
Delta R.T.: 0.006 min
Response: 1449729
Conc: 6.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



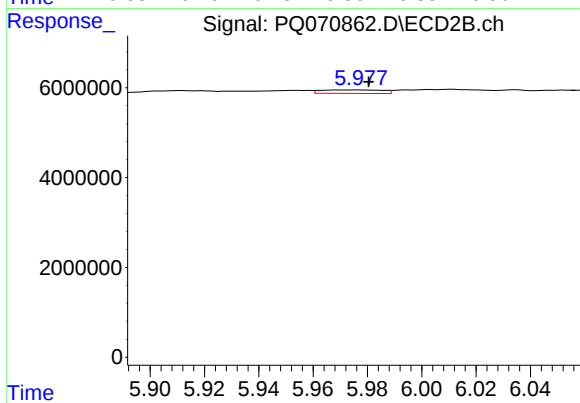
#33 AR-1260-3

R.T.: 5.510 min
Delta R.T.: -0.010 min
Response: 858291
Conc: 2.12 ng/ml



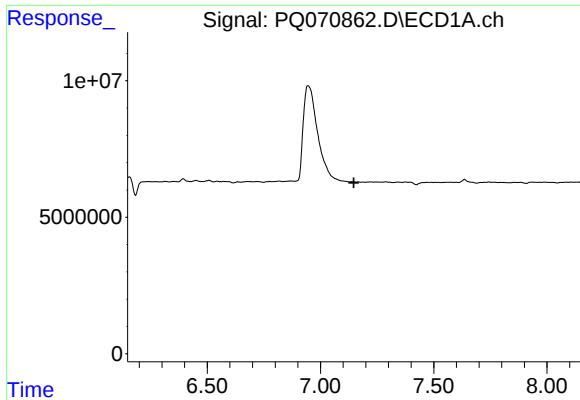
#34 AR-1260-4

R.T.: 6.820 min
Delta R.T.: -0.022 min
Response: 245775
Conc: 1.03 ng/ml



#34 AR-1260-4

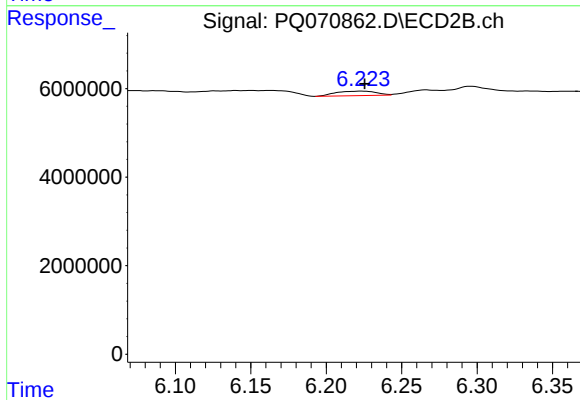
R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 1246134
Conc: 3.52 ng/ml



#35 AR-1260-5

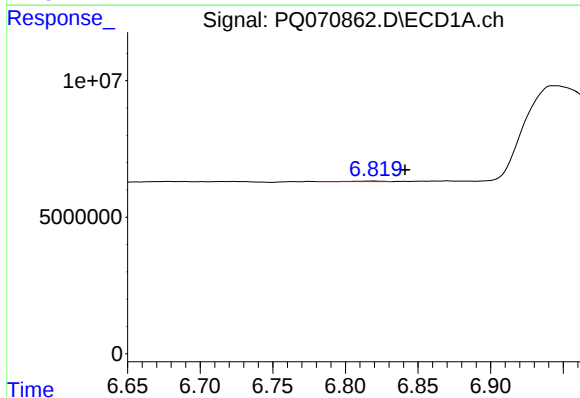
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



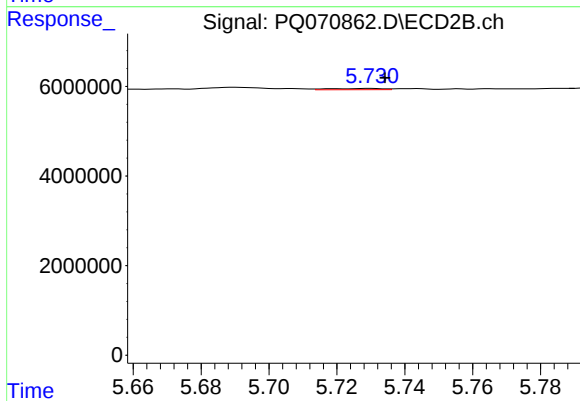
#35 AR-1260-5

R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 1907634
Conc: 2.32 ng/ml



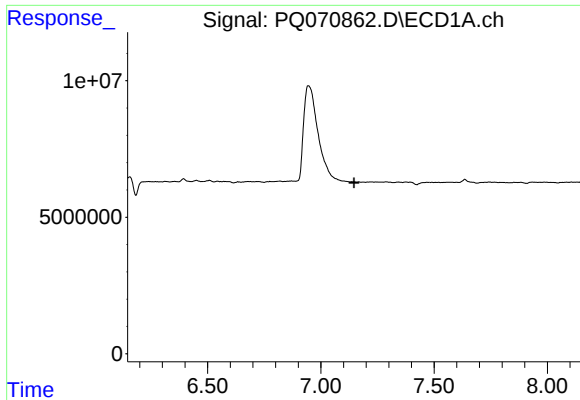
#36 AR-1262-1

R.T.: 6.820 min
Delta R.T.: -0.021 min
Response: 245775
Conc: 0.73 ng/ml



#36 AR-1262-1

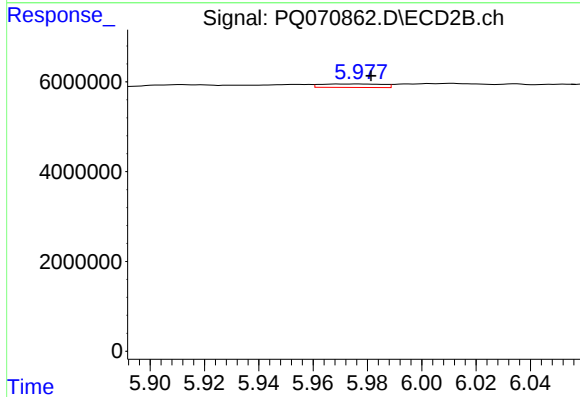
R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 323737
Conc: 0.61 ng/ml



#37 AR-1262-2

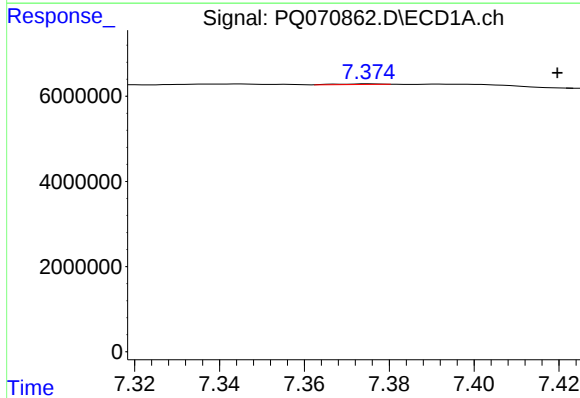
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



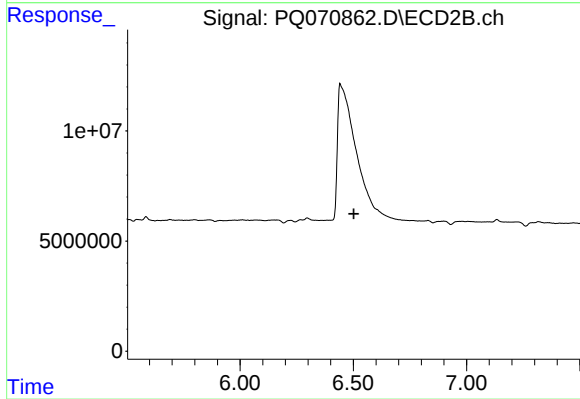
#37 AR-1262-2

R.T.: 5.977 min
Delta R.T.: -0.004 min
Response: 1246134
Conc: 2.50 ng/ml



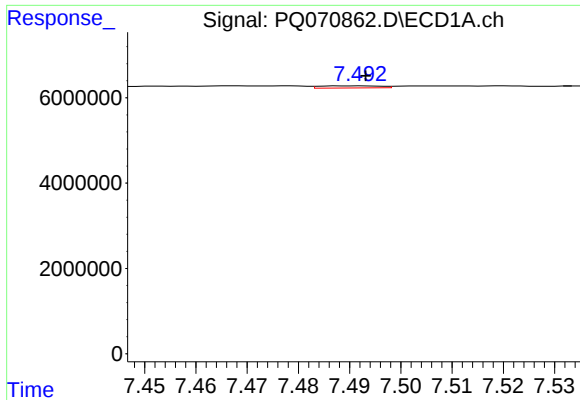
#38 AR-1262-3

R.T.: 7.375 min
Delta R.T.: -0.044 min
Response: 90101
Conc: 0.22 ng/ml



#38 AR-1262-3

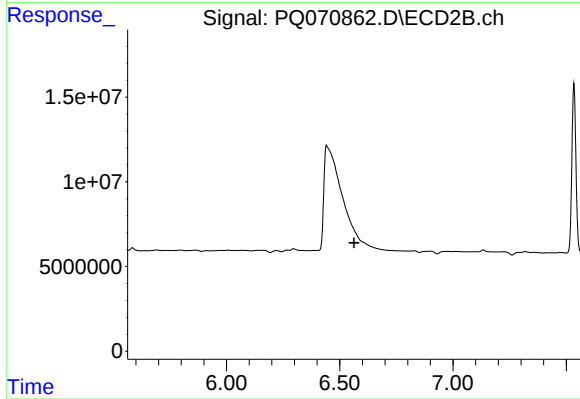
R.T.: 0.000 min
Exp R.T.: 6.502 min
Response: 0
Conc: N.D.



#39 AR-1262-4

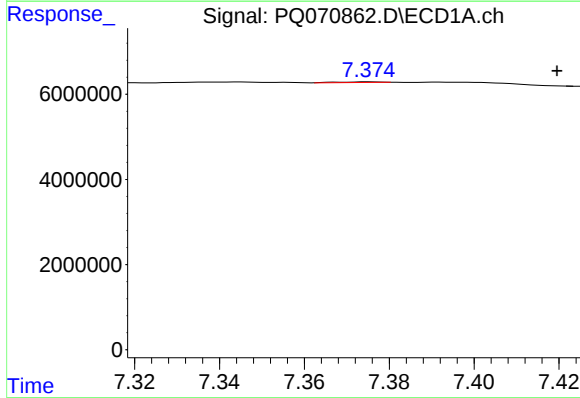
R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 415365
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



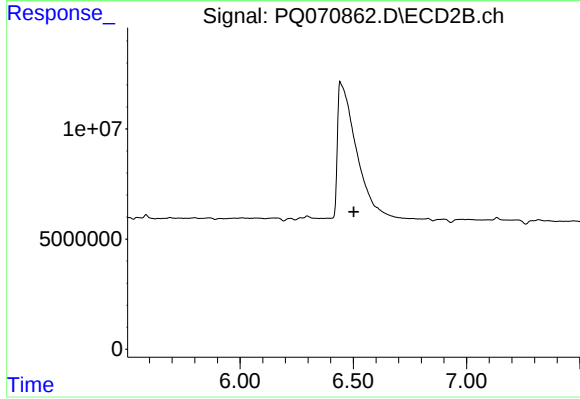
#39 AR-1262-4

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



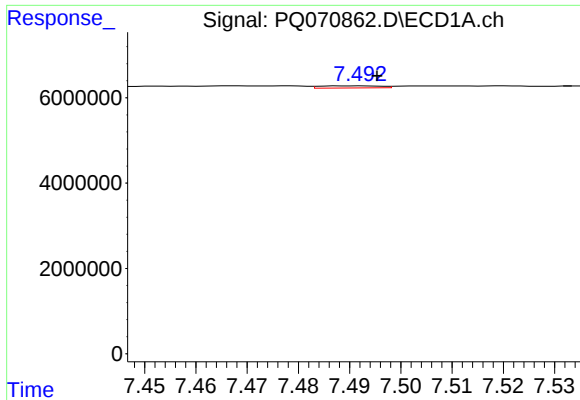
#41 AR-1268-1

R.T.: 7.375 min
Delta R.T.: -0.044 min
Response: 90101
Conc: 0.13 ng/ml



#41 AR-1268-1

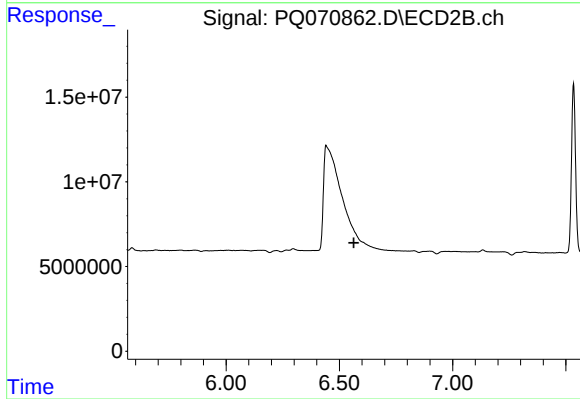
R.T.: 0.000 min
Exp R.T. : 6.502 min
Response: 0
Conc: N.D.



#42 AR-1268-2

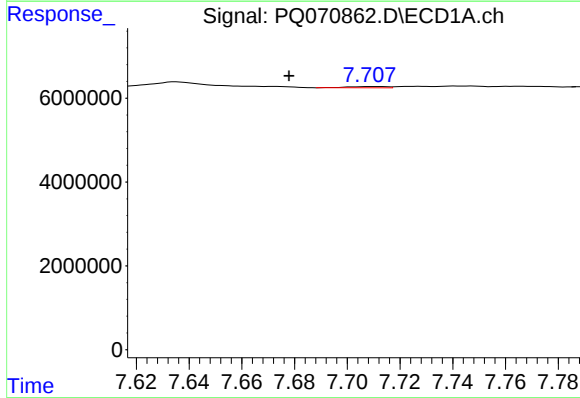
R.T.: 7.492 min
Delta R.T.: -0.004 min
Response: 415365
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



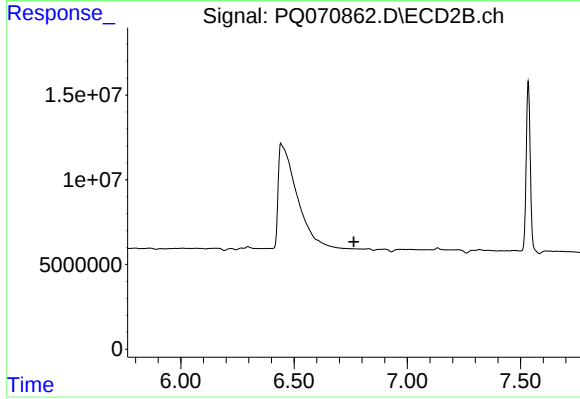
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 6.564 min
Response: 0
Conc: N.D.



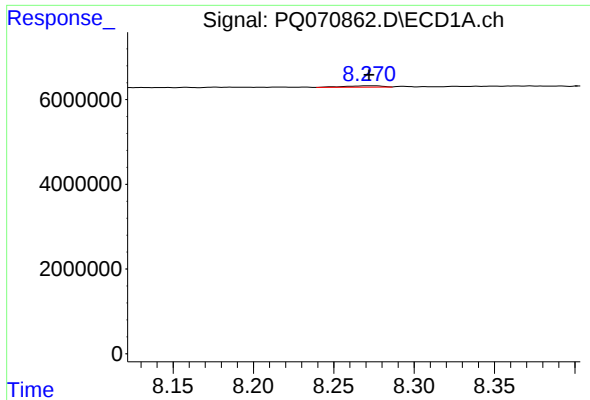
#43 AR-1268-3

R.T.: 7.709 min
Delta R.T.: 0.031 min
Response: 311750
Conc: 0.60 ng/ml



#43 AR-1268-3

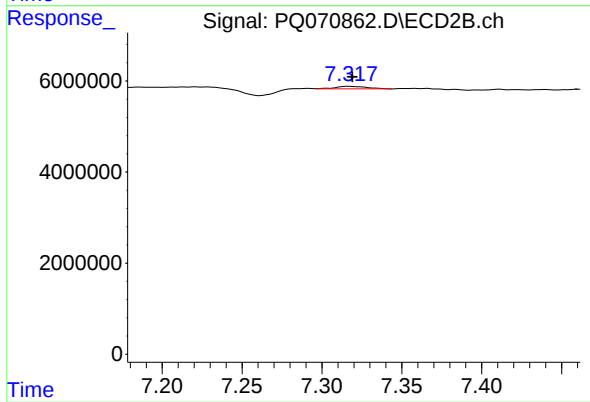
R.T.: 0.000 min
Exp R.T. : 6.764 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.275 min
Delta R.T.: 0.003 min
Response: 565356
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 793742
Conc: 0.29 ng/ml