

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021921\
 Data File : PQ052403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2021 20:27
 Operator : DD\AJ
 Sample : M1415-21
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 05:08:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.228	4.245	510.8E6	173.2E6	20.799	20.648
2)	SA Decachlor...	11.418	9.589	792.4E6	301.7E6	38.664	39.122
Target Compounds							
3)	L1 AR-1016-1	6.553	5.503	4036925	4532485	5.024	14.715 #
4)	L1 AR-1016-2	6.590	5.530	9753666	2847960	8.262	6.642
5)	L1 AR-1016-3	6.640	5.707	4827141	3447432	6.763	15.738 #
6)	L1 AR-1016-4	6.747	5.758	6237931	14493647	10.362	86.548 #
7)	L1 AR-1016-5	7.053	6.013	9106446	12806833	16.185	59.970 #
8)	L2 AR-1221-1	5.485	4.514	118.6E6	14905123	465.155	164.905 #
9)	L2 AR-1221-2	5.584	4.577	28910805	33317330	164.366	526.535 #
10)	L2 AR-1221-3	5.654	4.677	47228530	11530915	80.212	53.474 #
11)	L3 AR-1232-1	5.654	4.677	47228530	11530915	96.108	63.765 #
12)	L3 AR-1232-2	6.262	5.530	45910715	2847960	178.383	14.425 #
13)	L3 AR-1232-3	6.590	5.707	9753666	3447432	18.540	35.046 #
14)	L3 AR-1232-4	6.747	5.806	6237931	9050586	23.796	109.345 #
15)	L3 AR-1232-5	6.842	5.987	40655145	3550309	220.066	39.905 #
16)	L4 AR-1242-1	6.553	5.503	4036925	4532485	5.874	17.206 #
17)	L4 AR-1242-2	6.590	5.530	9753666	2847960	9.661	7.751
18)	L4 AR-1242-3	6.640	5.707	4827141	3447432	7.949	18.083 #
19)	L4 AR-1242-4	6.747	5.806	6237931	9050586	12.267	51.246 #
20)	L4 AR-1242-5	7.539	6.384	77666039	22600361	137.666	90.144 #
21)	L5 AR-1248-1	6.553	5.503	4036925	4532485	7.371	22.041 #
22)	L5 AR-1248-2	6.842	5.758	40655145	14493647	52.893	53.624
23)	L5 AR-1248-3	7.053	5.806	9106446	9050586	10.314	32.457 #
24)	L5 AR-1248-4	7.505	6.013	51395068	12806833	49.434	38.488
25)	L5 AR-1248-5	7.539	6.422	77666039	32620048	75.817	91.233
26)	L6 AR-1254-1	7.463	6.384	61581087	22600361	61.990	42.379 #
27)	L6 AR-1254-2	7.694	6.529	47536415	18005960	30.755	39.433 #
28)	L6 AR-1254-3	8.072	6.954	165.8E6	21076747	98.105	28.027 #
29)	L6 AR-1254-4	8.373	7.194	105.6E6	15669637	84.176	31.057 #
30)	L6 AR-1254-5	8.797	7.625	75480515	14781990	56.169	21.733 #
31)	L7 AR-1260-1	8.237	7.097	55302258	14646326	55.337	35.760 #
32)	L7 AR-1260-2	8.502	7.290	69012826	25172121	56.187	47.409
33)	L7 AR-1260-3	8.891	7.445	48604385	7013535	53.148	14.675 #
34)	L7 AR-1260-4	9.104	7.923	45933322	10969882	42.633	27.083 #
35)	L7 AR-1260-5	9.457	8.172	21966097	19734650	9.681	18.329 #
36)	L8 AR-1262-1	8.891	7.625	48604385	14781990	30.871	42.807 #
37)	L8 AR-1262-2	9.457	8.172	21966097	19734650	7.332	14.715 #
38)	L8 AR-1262-3	9.757	8.470	4208795	5793929	2.114	11.081 #
39)	L8 AR-1262-4	9.874	8.526	14787005	9270823	9.717	9.488
40)	L8 AR-1262-5	10.631	9.047	9647505	13597602	8.866	30.002 #
41)	L9 AR-1268-1	9.757	8.470	4208795	5793929	1.197	3.597 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021921\
 Data File : PQ052403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2021 20:27
 Operator : DD\AJ
 Sample : M1415-21
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

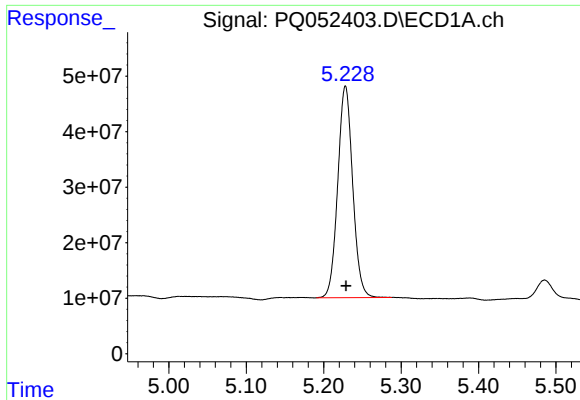
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 05:08:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.874	8.526	14787005	9270823	4.503	6.219 #
43) L9	AR-1268-3	10.134	8.735	28891028	13560288	10.384	10.814
44) L9	AR-1268-4	10.631	9.047	9647505	13597602	7.911	26.013 #
45) L9	AR-1268-5	11.054	9.327	12078148	12516933	1.236	3.114 #

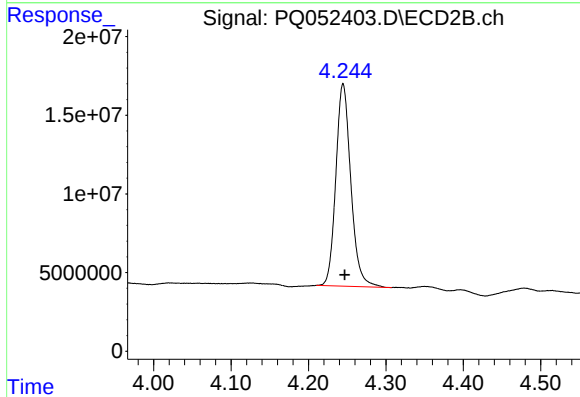
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

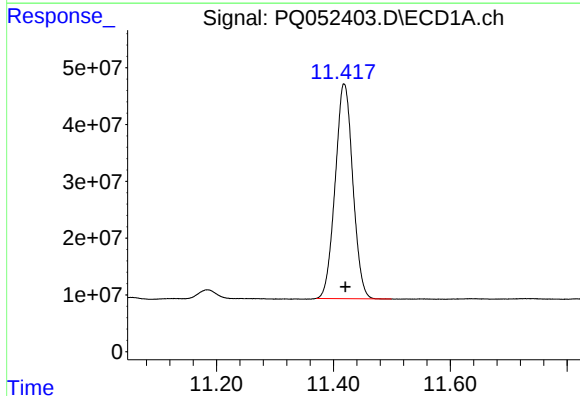
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 510792688
Conc: 20.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



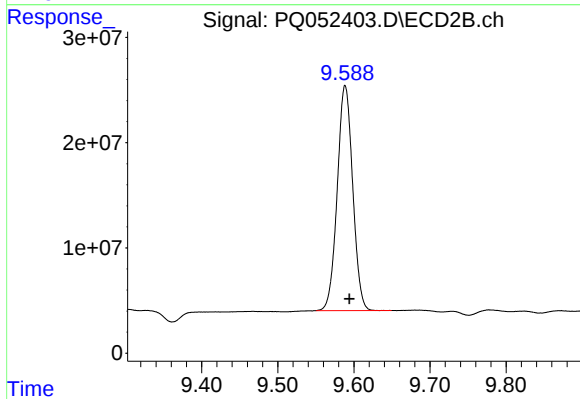
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.002 min
Response: 173206666
Conc: 20.65 ng/ml



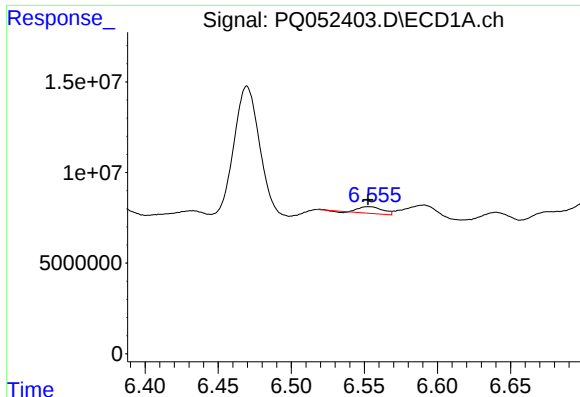
#2 Decachlorobiphenyl

R.T.: 11.418 min
Delta R.T.: -0.002 min
Response: 792412044
Conc: 38.66 ng/ml



#2 Decachlorobiphenyl

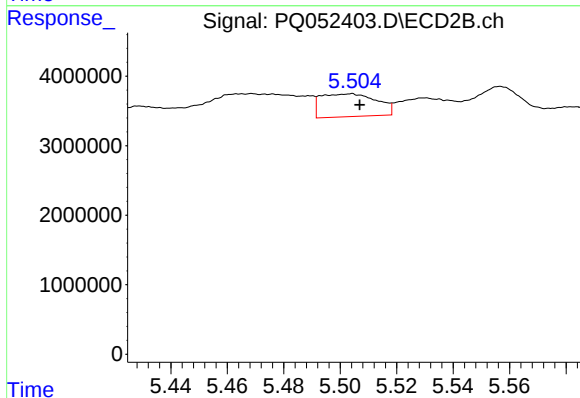
R.T.: 9.589 min
Delta R.T.: -0.006 min
Response: 301742682
Conc: 39.12 ng/ml



#3 AR-1016-1

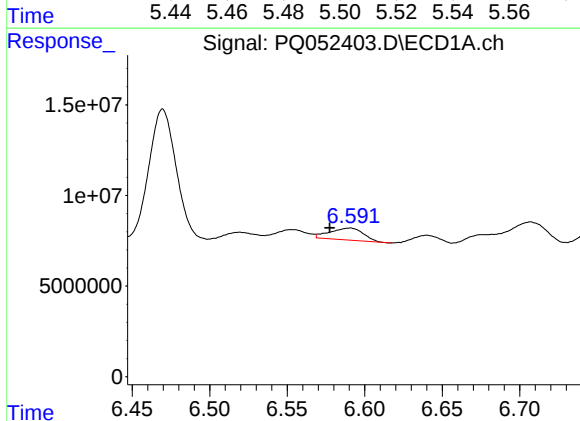
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 4036925
Conc: 5.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



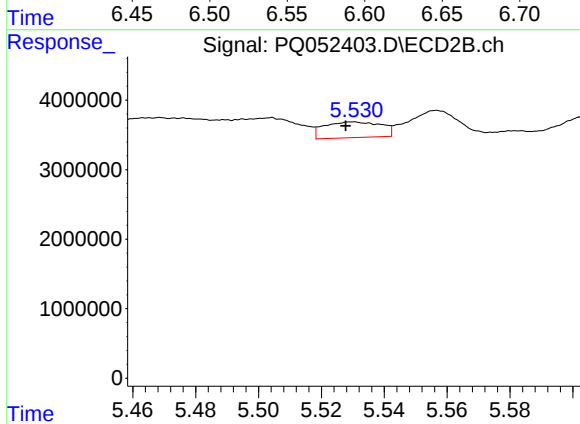
#3 AR-1016-1

R.T.: 5.503 min
Delta R.T.: -0.003 min
Response: 4532485
Conc: 14.71 ng/ml



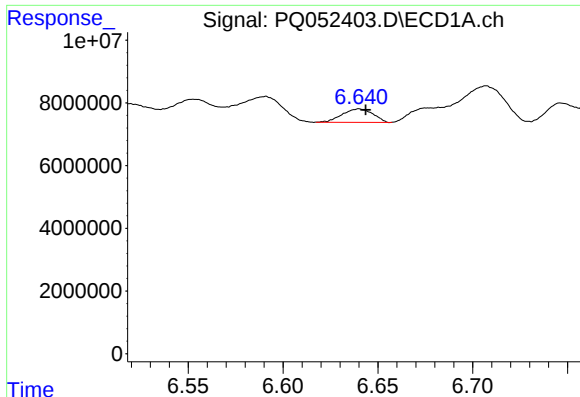
#4 AR-1016-2

R.T.: 6.590 min
Delta R.T.: 0.012 min
Response: 9753666
Conc: 8.26 ng/ml



#4 AR-1016-2

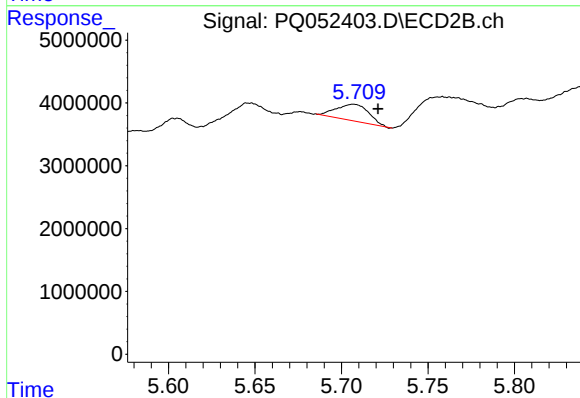
R.T.: 5.530 min
Delta R.T.: 0.002 min
Response: 2847960
Conc: 6.64 ng/ml



#5 AR-1016-3

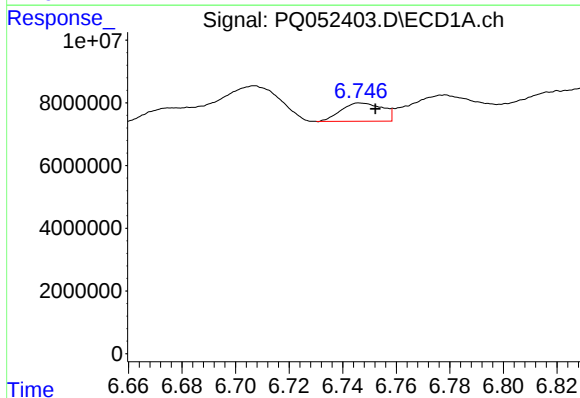
R.T.: 6.640 min
Delta R.T.: -0.004 min
Response: 4827141
Conc: 6.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



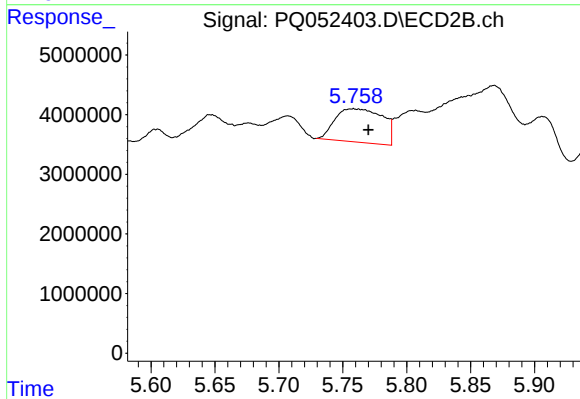
#5 AR-1016-3

R.T.: 5.707 min
Delta R.T.: -0.014 min
Response: 3447432
Conc: 15.74 ng/ml



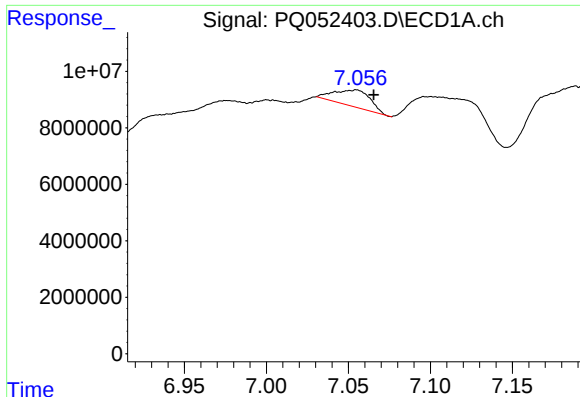
#6 AR-1016-4

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 6237931
Conc: 10.36 ng/ml



#6 AR-1016-4

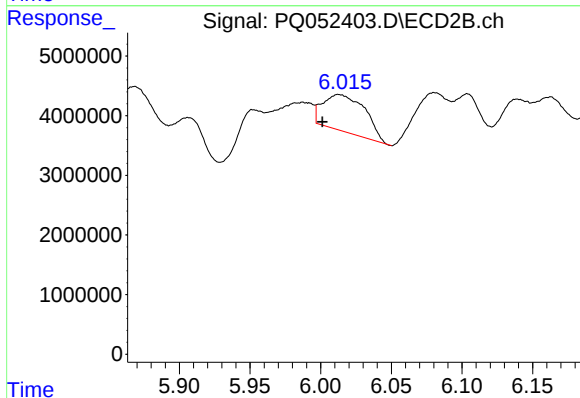
R.T.: 5.758 min
Delta R.T.: -0.012 min
Response: 14493647
Conc: 86.55 ng/ml



#7 AR-1016-5

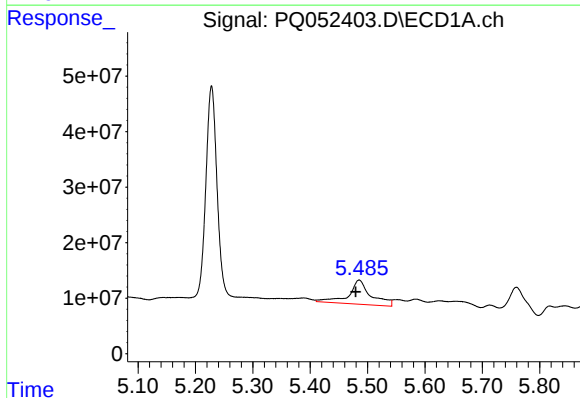
R.T.: 7.053 min
Delta R.T.: -0.012 min
Response: 9106446
Conc: 16.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



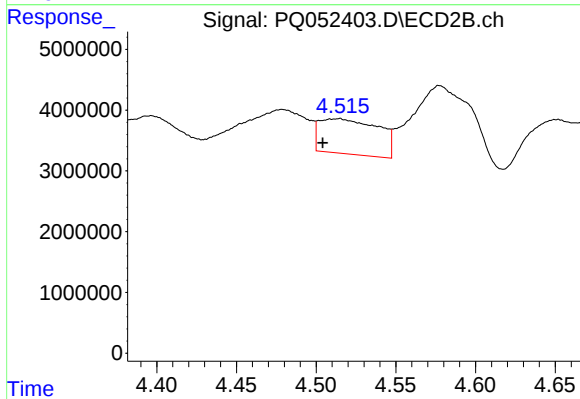
#7 AR-1016-5

R.T.: 6.013 min
Delta R.T.: 0.012 min
Response: 12806833
Conc: 59.97 ng/ml



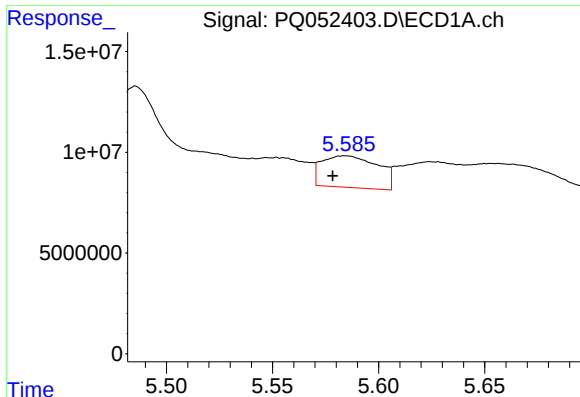
#8 AR-1221-1

R.T.: 5.485 min
Delta R.T.: 0.006 min
Response: 118632574
Conc: 465.15 ng/ml



#8 AR-1221-1

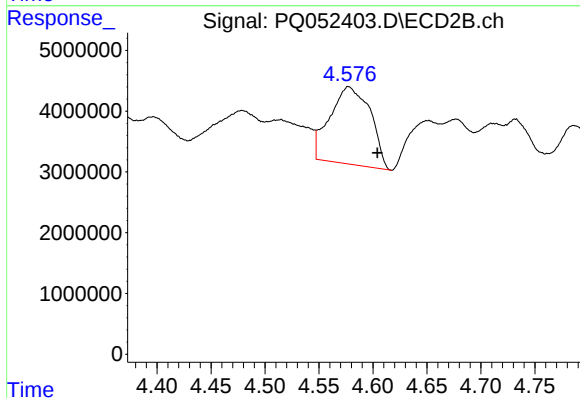
R.T.: 4.514 min
Delta R.T.: 0.010 min
Response: 14905123
Conc: 164.90 ng/ml



#9 AR-1221-2

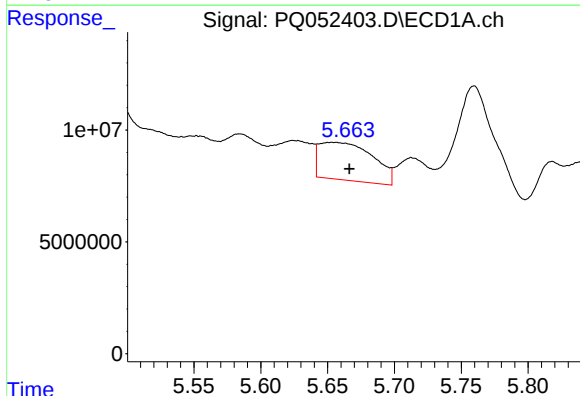
R.T.: 5.584 min
Delta R.T.: 0.006 min
Response: 28910805
Conc: 164.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



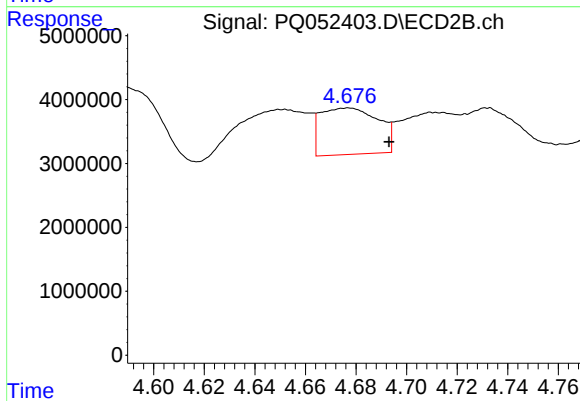
#9 AR-1221-2

R.T.: 4.577 min
Delta R.T.: -0.027 min
Response: 33317330
Conc: 526.54 ng/ml



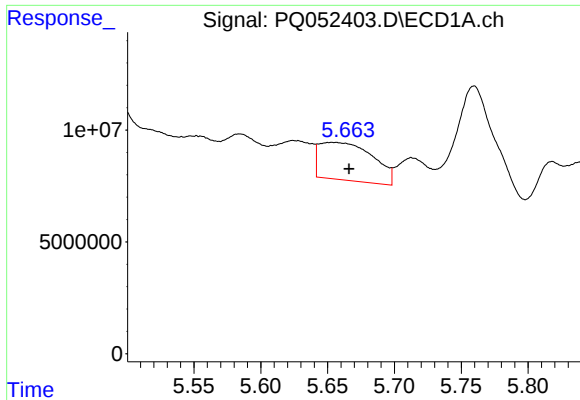
#10 AR-1221-3

R.T.: 5.654 min
Delta R.T.: -0.012 min
Response: 47228530
Conc: 80.21 ng/ml



#10 AR-1221-3

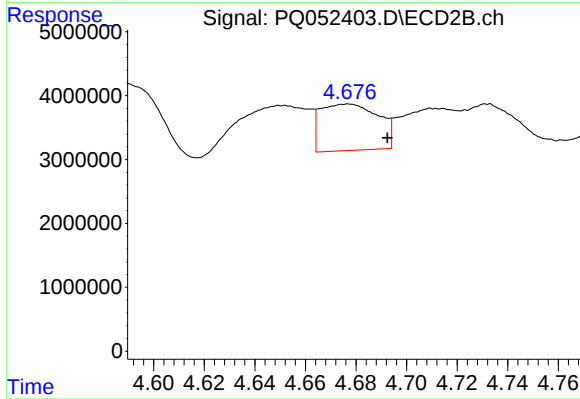
R.T.: 4.677 min
Delta R.T.: -0.016 min
Response: 11530915
Conc: 53.47 ng/ml



#11 AR-1232-1

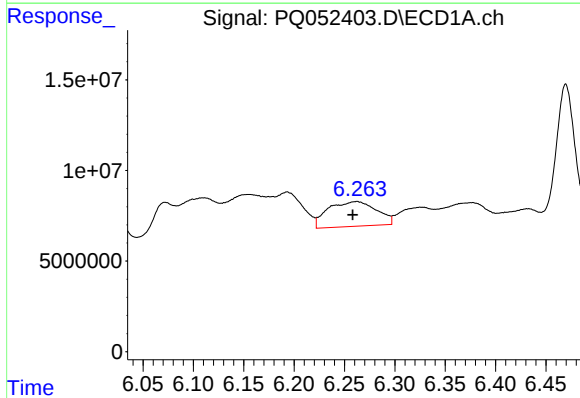
R.T.: 5.654 min
Delta R.T.: -0.012 min
Response: 47228530
Conc: 96.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



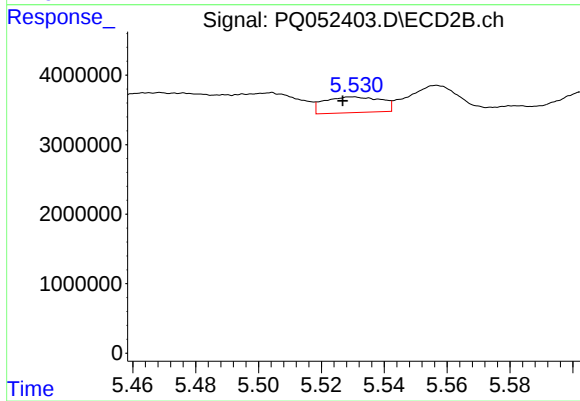
#11 AR-1232-1

R.T.: 4.677 min
Delta R.T.: -0.015 min
Response: 11530915
Conc: 63.76 ng/ml



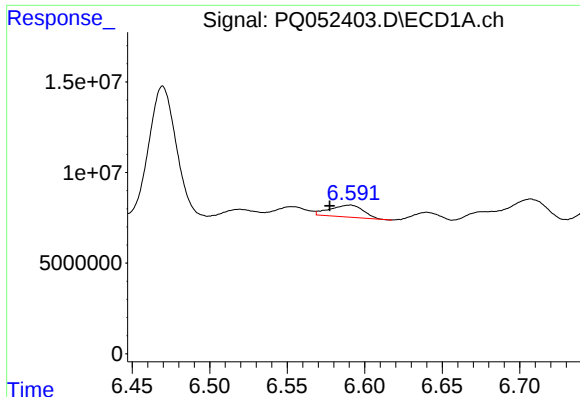
#12 AR-1232-2

R.T.: 6.262 min
Delta R.T.: 0.004 min
Response: 45910715
Conc: 178.38 ng/ml



#12 AR-1232-2

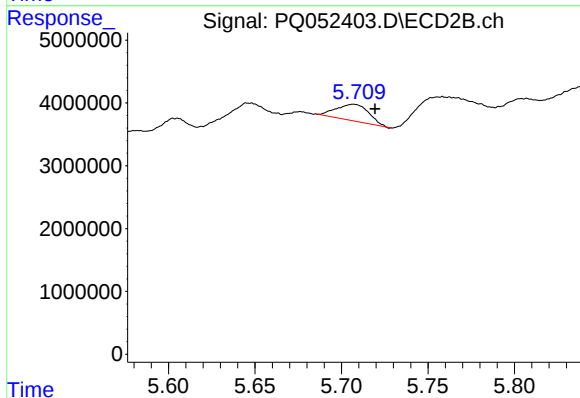
R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 2847960
Conc: 14.42 ng/ml



#13 AR-1232-3

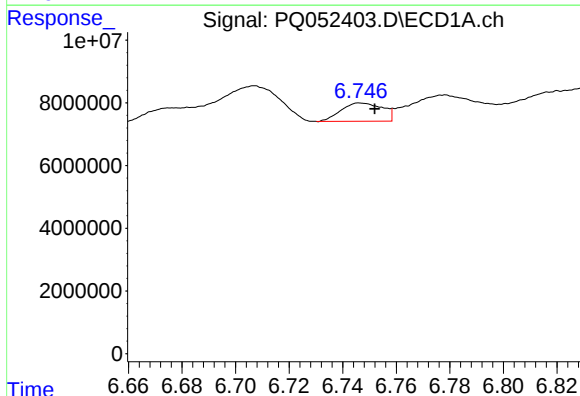
R.T.: 6.590 min
Delta R.T.: 0.013 min
Response: 9753666
Conc: 18.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



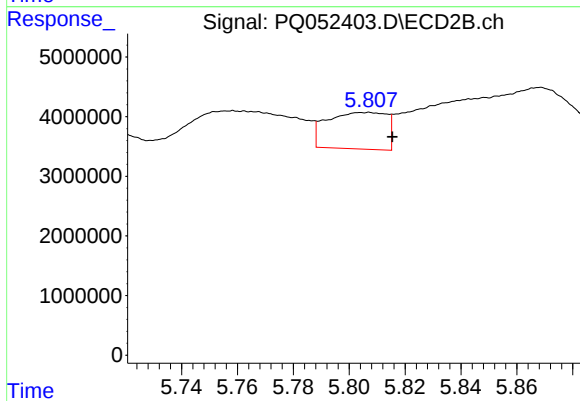
#13 AR-1232-3

R.T.: 5.707 min
Delta R.T.: -0.013 min
Response: 3447432
Conc: 35.05 ng/ml



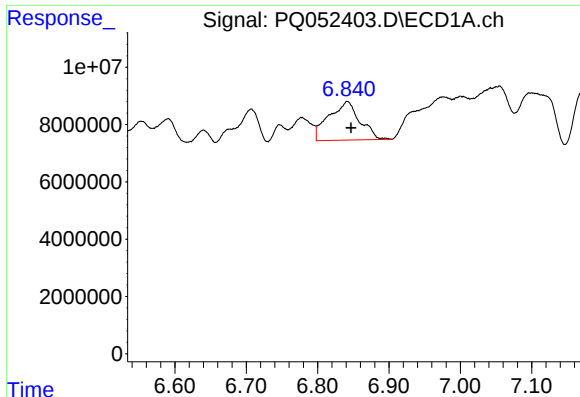
#14 AR-1232-4

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 6237931
Conc: 23.80 ng/ml



#14 AR-1232-4

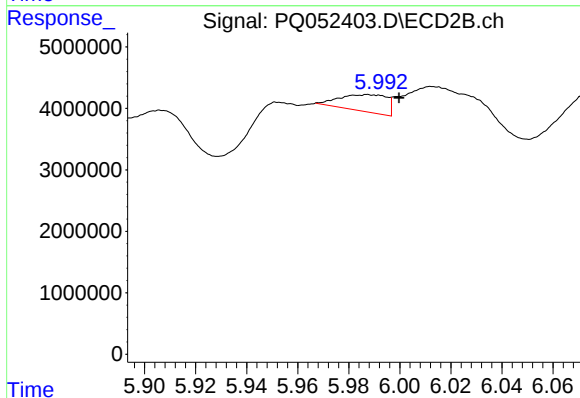
R.T.: 5.806 min
Delta R.T.: -0.009 min
Response: 9050586
Conc: 109.34 ng/ml



#15 AR-1232-5

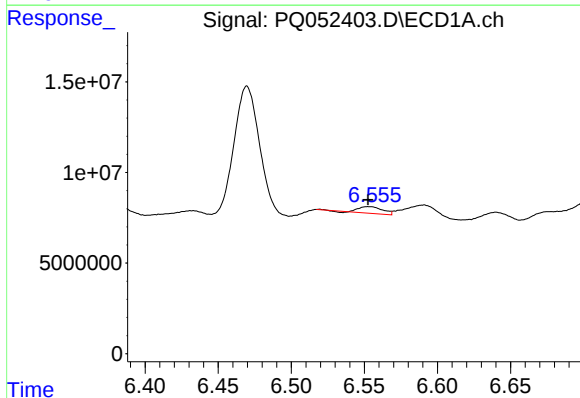
R.T.: 6.842 min
Delta R.T.: -0.005 min
Response: 40655145
Conc: 220.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



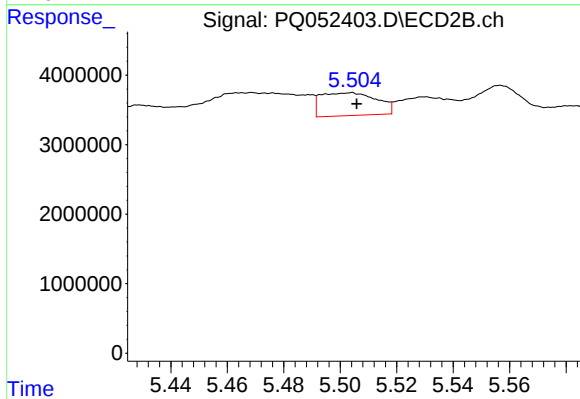
#15 AR-1232-5

R.T.: 5.987 min
Delta R.T.: -0.012 min
Response: 3550309
Conc: 39.91 ng/ml



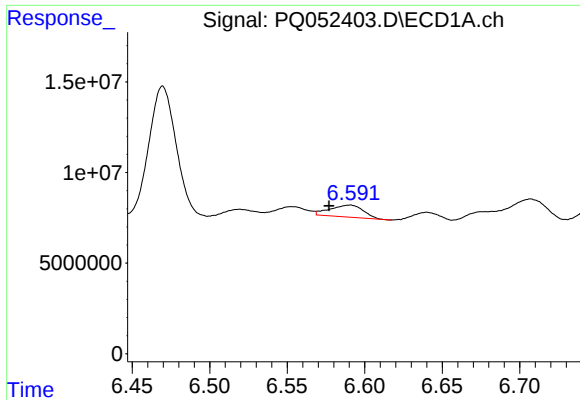
#16 AR-1242-1

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 4036925
Conc: 5.87 ng/ml



#16 AR-1242-1

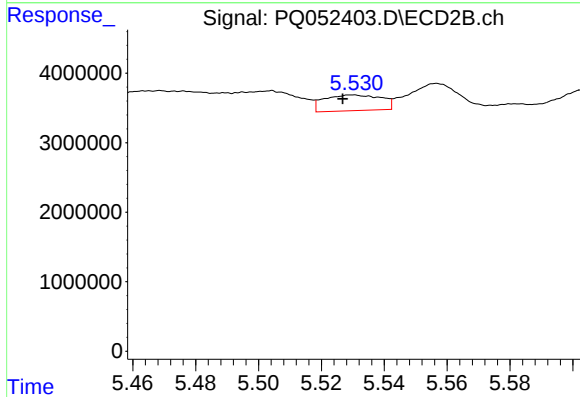
R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 4532485
Conc: 17.21 ng/ml



#17 AR-1242-2

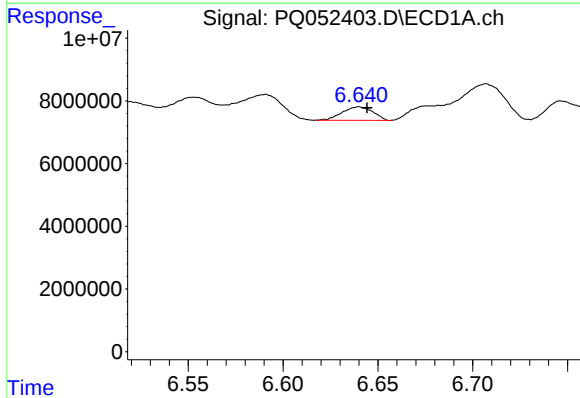
R.T.: 6.590 min
Delta R.T.: 0.013 min
Response: 9753666
Conc: 9.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



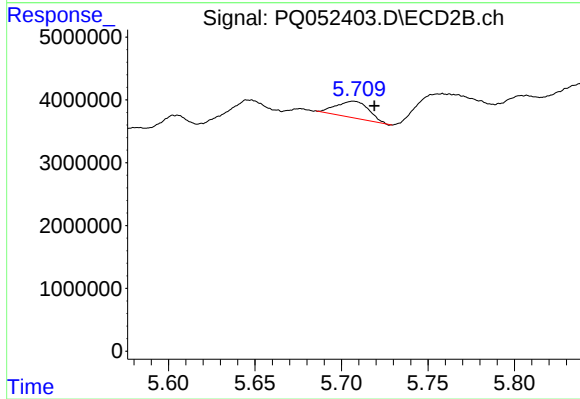
#17 AR-1242-2

R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 2847960
Conc: 7.75 ng/ml



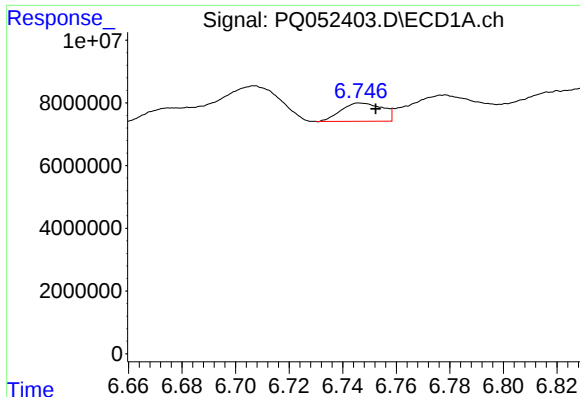
#18 AR-1242-3

R.T.: 6.640 min
Delta R.T.: -0.004 min
Response: 4827141
Conc: 7.95 ng/ml



#18 AR-1242-3

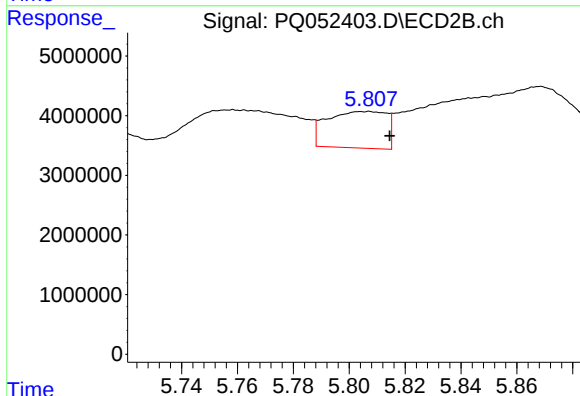
R.T.: 5.707 min
Delta R.T.: -0.012 min
Response: 3447432
Conc: 18.08 ng/ml



#19 AR-1242-4

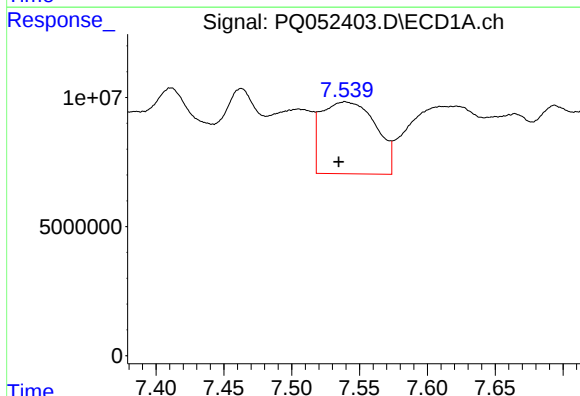
R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 6237931
Conc: 12.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



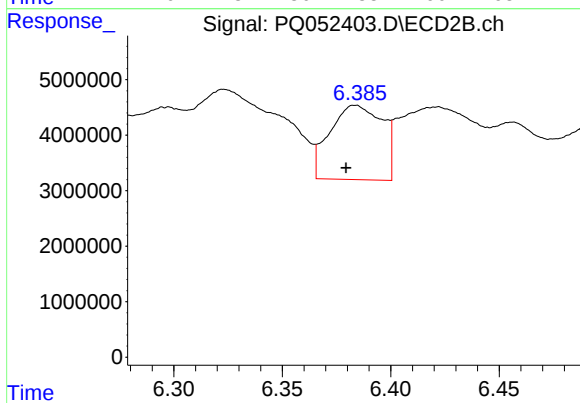
#19 AR-1242-4

R.T.: 5.806 min
Delta R.T.: -0.008 min
Response: 9050586
Conc: 51.25 ng/ml



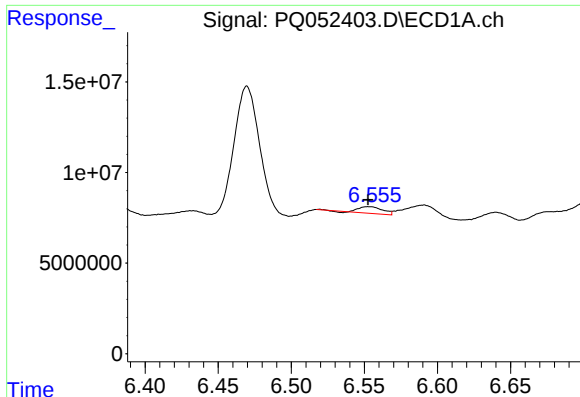
#20 AR-1242-5

R.T.: 7.539 min
Delta R.T.: 0.005 min
Response: 77666039
Conc: 137.67 ng/ml



#20 AR-1242-5

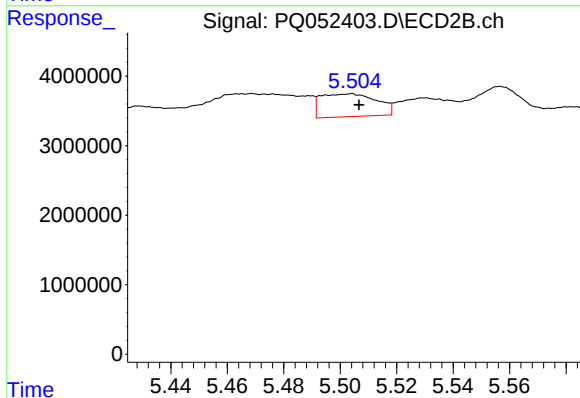
R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 22600361
Conc: 90.14 ng/ml



#21 AR-1248-1

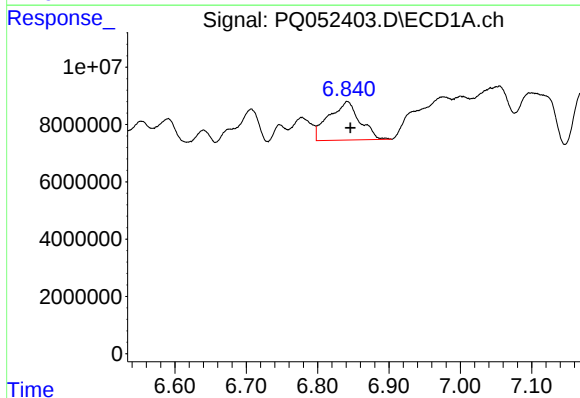
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 4036925
Conc: 7.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



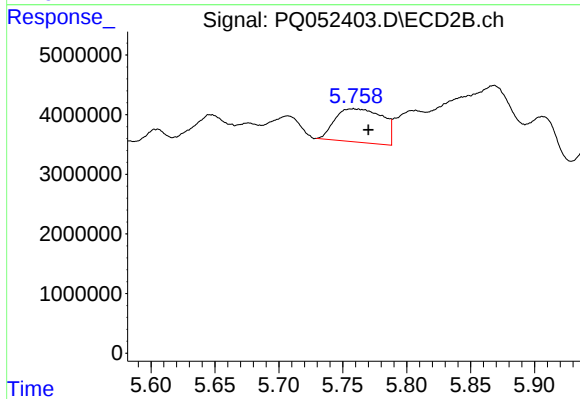
#21 AR-1248-1

R.T.: 5.503 min
Delta R.T.: -0.003 min
Response: 4532485
Conc: 22.04 ng/ml



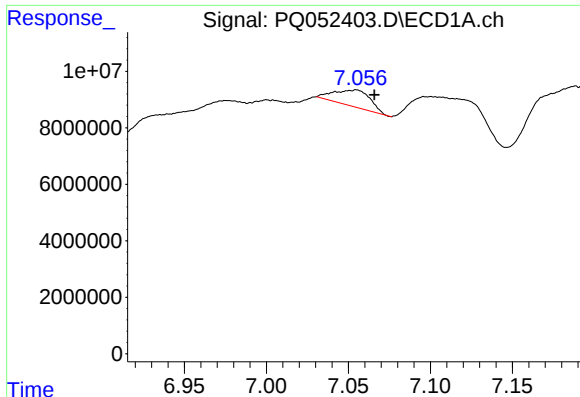
#22 AR-1248-2

R.T.: 6.842 min
Delta R.T.: -0.004 min
Response: 40655145
Conc: 52.89 ng/ml



#22 AR-1248-2

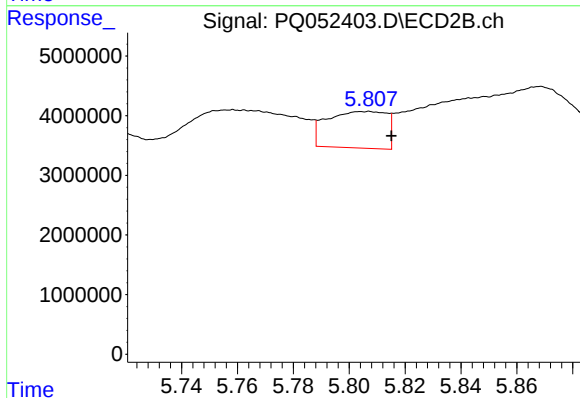
R.T.: 5.758 min
Delta R.T.: -0.012 min
Response: 14493647
Conc: 53.62 ng/ml



#23 AR-1248-3

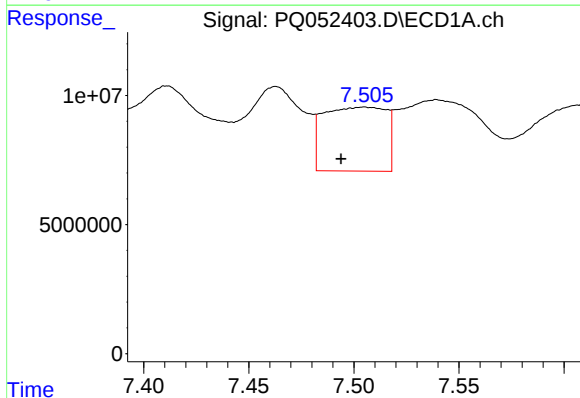
R.T.: 7.053 min
Delta R.T.: -0.013 min
Response: 9106446
Conc: 10.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



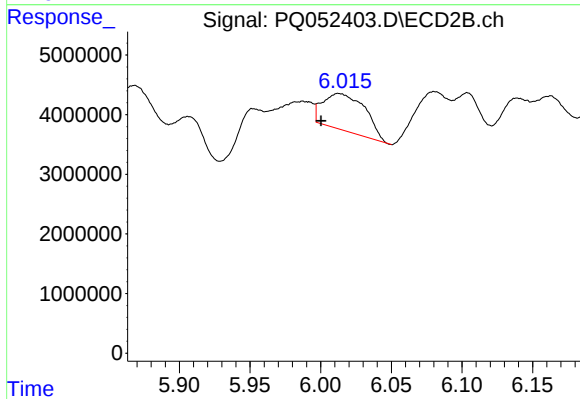
#23 AR-1248-3

R.T.: 5.806 min
Delta R.T.: -0.009 min
Response: 9050586
Conc: 32.46 ng/ml



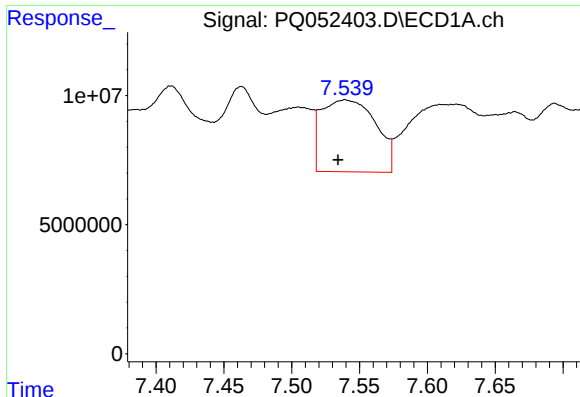
#24 AR-1248-4

R.T.: 7.505 min
Delta R.T.: 0.011 min
Response: 51395068
Conc: 49.43 ng/ml



#24 AR-1248-4

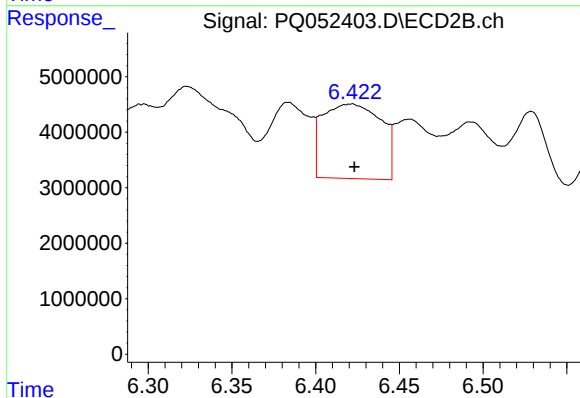
R.T.: 6.013 min
Delta R.T.: 0.012 min
Response: 12806833
Conc: 38.49 ng/ml



#25 AR-1248-5

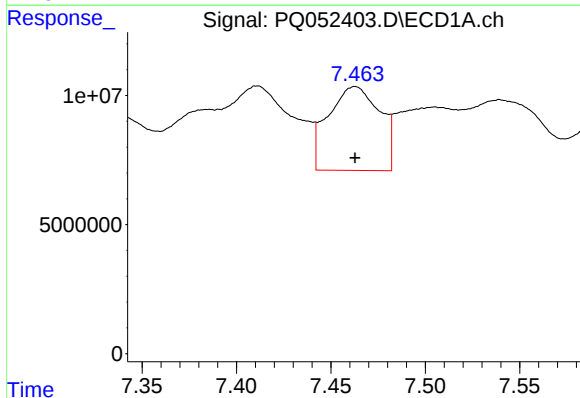
R.T.: 7.539 min
Delta R.T.: 0.005 min
Response: 77666039
Conc: 75.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



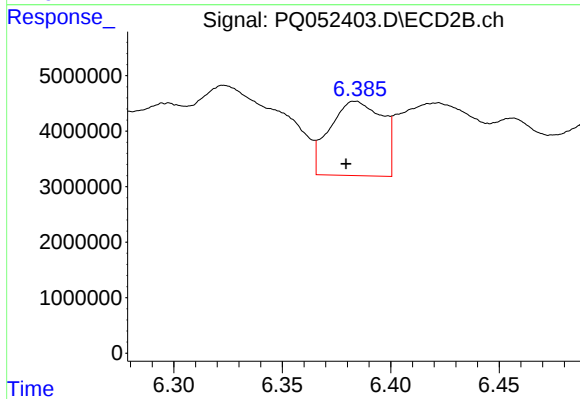
#25 AR-1248-5

R.T.: 6.422 min
Delta R.T.: -0.002 min
Response: 32620048
Conc: 91.23 ng/ml



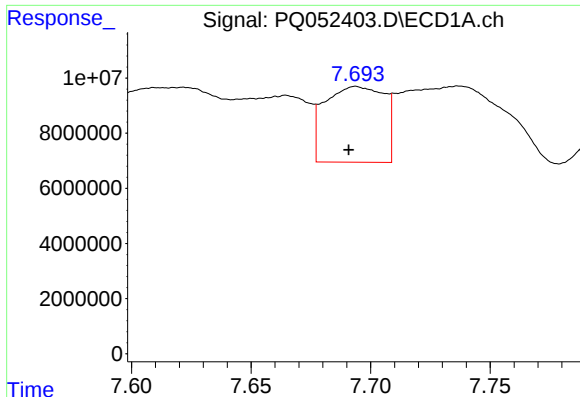
#26 AR-1254-1

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 61581087
Conc: 61.99 ng/ml



#26 AR-1254-1

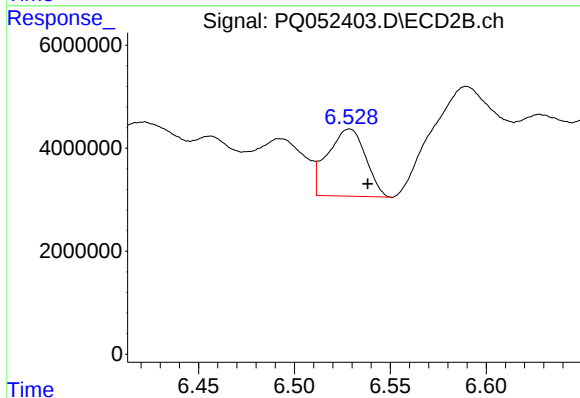
R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 22600361
Conc: 42.38 ng/ml



#27 AR-1254-2

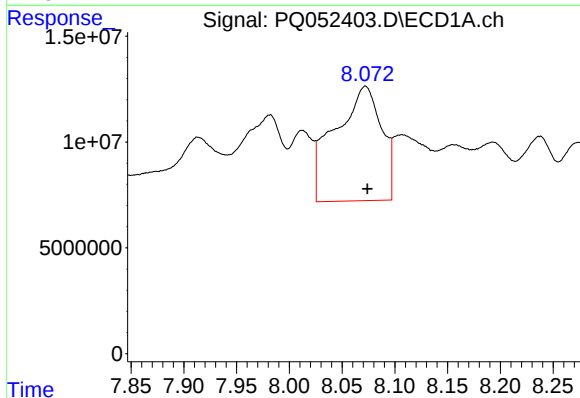
R.T.: 7.694 min
Delta R.T.: 0.003 min
Response: 47536415
Conc: 30.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



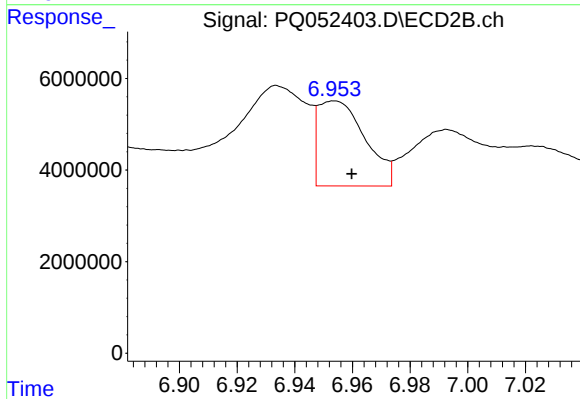
#27 AR-1254-2

R.T.: 6.529 min
Delta R.T.: -0.010 min
Response: 18005960
Conc: 39.43 ng/ml



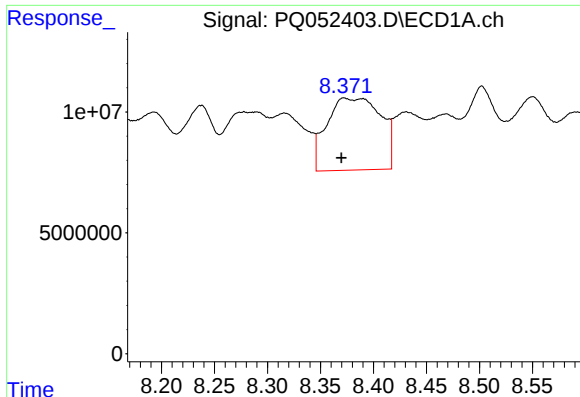
#28 AR-1254-3

R.T.: 8.072 min
Delta R.T.: -0.002 min
Response: 165812913
Conc: 98.11 ng/ml



#28 AR-1254-3

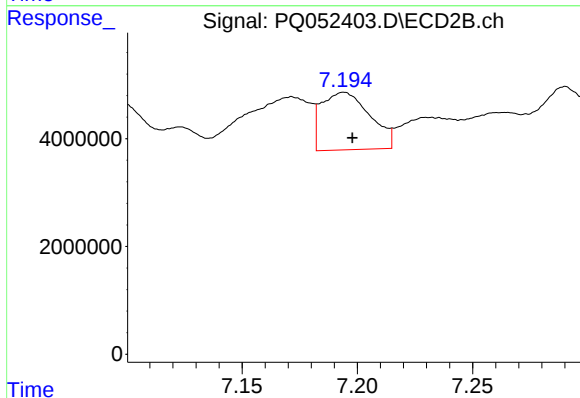
R.T.: 6.954 min
Delta R.T.: -0.006 min
Response: 21076747
Conc: 28.03 ng/ml



#29 AR-1254-4

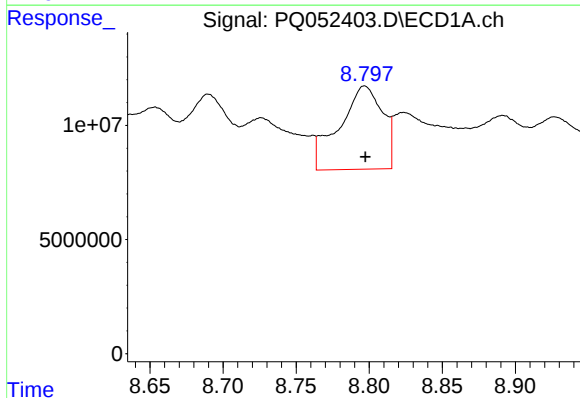
R.T.: 8.373 min
Delta R.T.: 0.003 min
Response: 105581973
Conc: 84.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



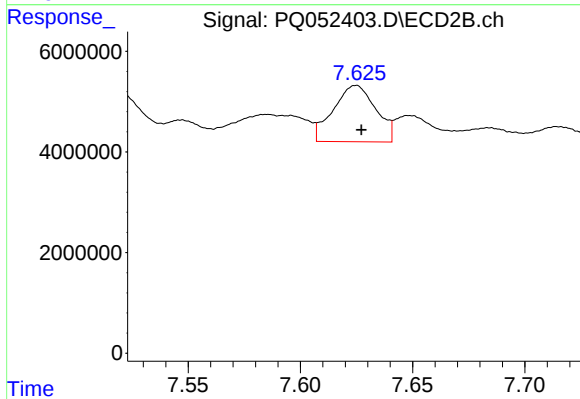
#29 AR-1254-4

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 15669637
Conc: 31.06 ng/ml



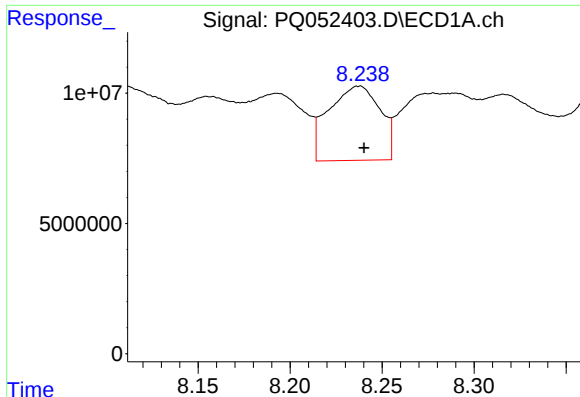
#30 AR-1254-5

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 75480515
Conc: 56.17 ng/ml



#30 AR-1254-5

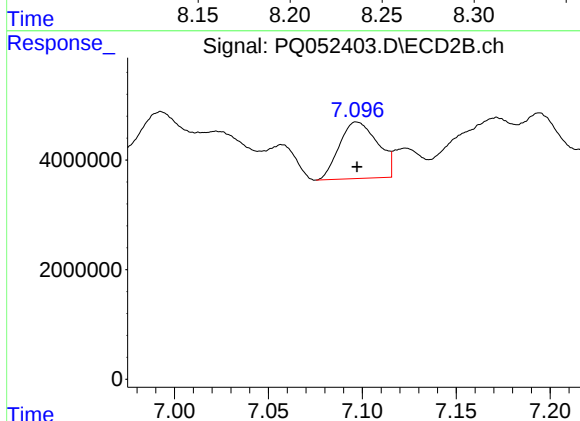
R.T.: 7.625 min
Delta R.T.: -0.003 min
Response: 14781990
Conc: 21.73 ng/ml



#31 AR-1260-1

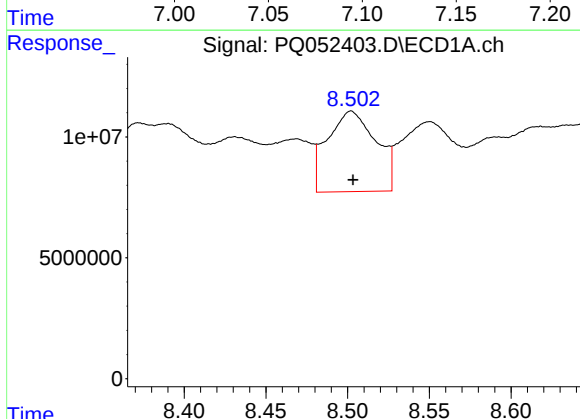
R.T.: 8.237 min
Delta R.T.: -0.003 min
Response: 55302258
Conc: 55.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



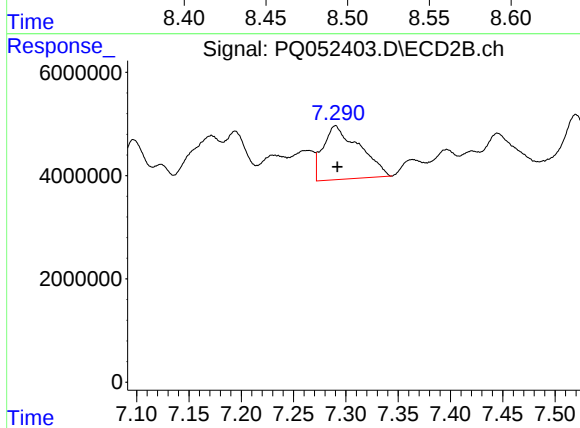
#31 AR-1260-1

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 14646326
Conc: 35.76 ng/ml



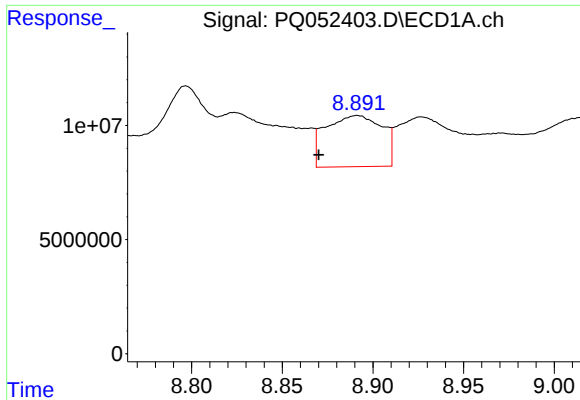
#32 AR-1260-2

R.T.: 8.502 min
Delta R.T.: -0.001 min
Response: 69012826
Conc: 56.19 ng/ml



#32 AR-1260-2

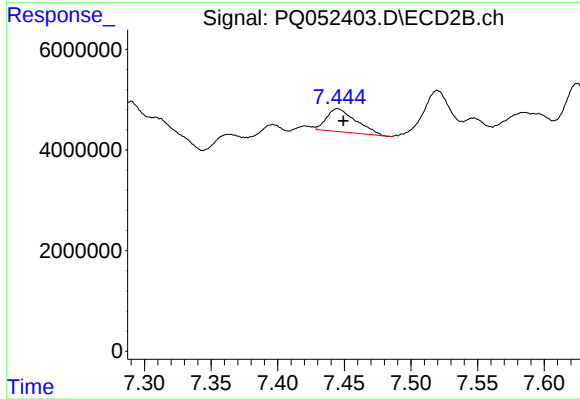
R.T.: 7.290 min
Delta R.T.: -0.002 min
Response: 25172121
Conc: 47.41 ng/ml



#33 AR-1260-3

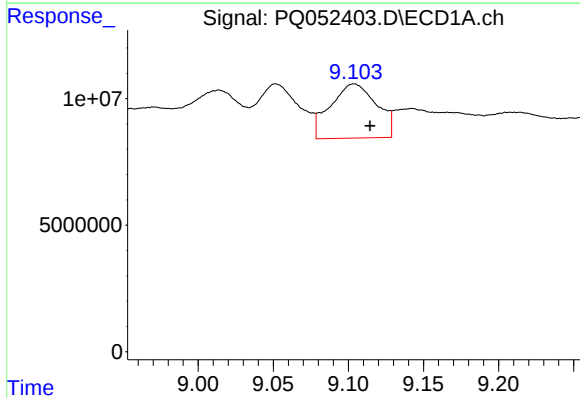
R.T.: 8.891 min
Delta R.T.: 0.021 min
Response: 48604385
Conc: 53.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



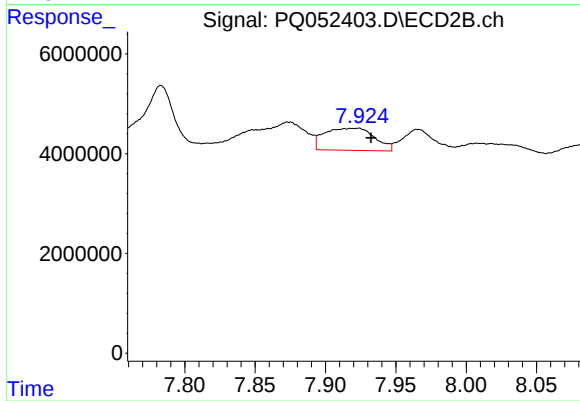
#33 AR-1260-3

R.T.: 7.445 min
Delta R.T.: -0.004 min
Response: 7013535
Conc: 14.68 ng/ml



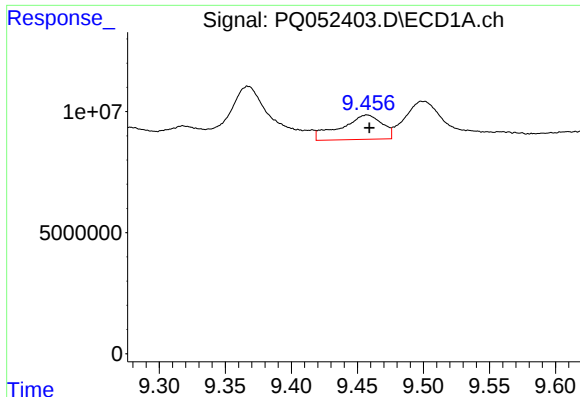
#34 AR-1260-4

R.T.: 9.104 min
Delta R.T.: -0.011 min
Response: 45933322
Conc: 42.63 ng/ml



#34 AR-1260-4

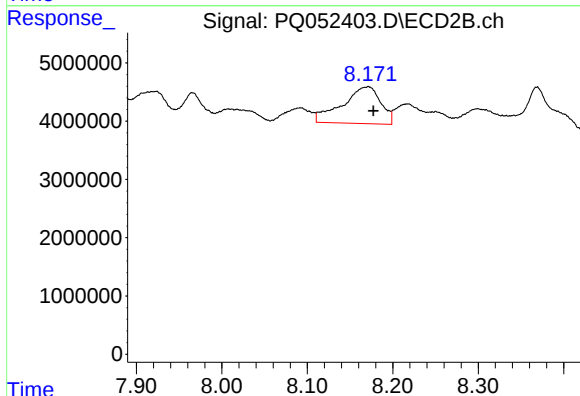
R.T.: 7.923 min
Delta R.T.: -0.010 min
Response: 10969882
Conc: 27.08 ng/ml



#35 AR-1260-5

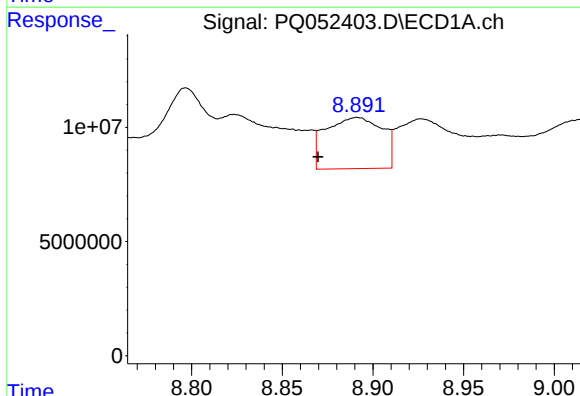
R.T.: 9.457 min
Delta R.T.: -0.002 min
Response: 21966097
Conc: 9.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



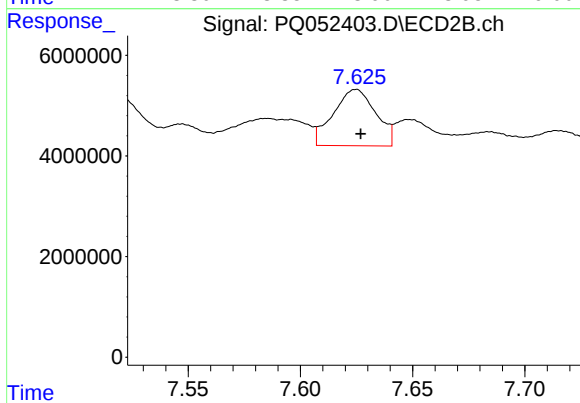
#35 AR-1260-5

R.T.: 8.172 min
Delta R.T.: -0.006 min
Response: 19734650
Conc: 18.33 ng/ml



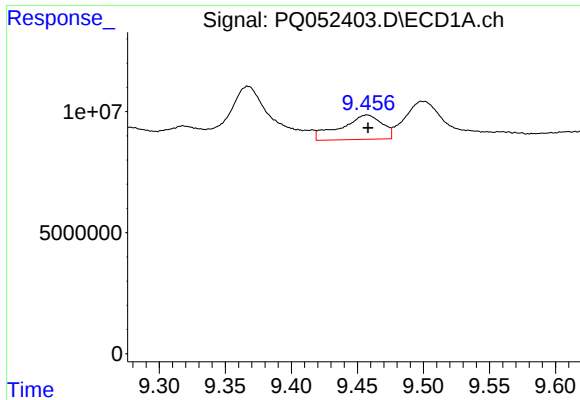
#36 AR-1262-1

R.T.: 8.891 min
Delta R.T.: 0.021 min
Response: 48604385
Conc: 30.87 ng/ml



#36 AR-1262-1

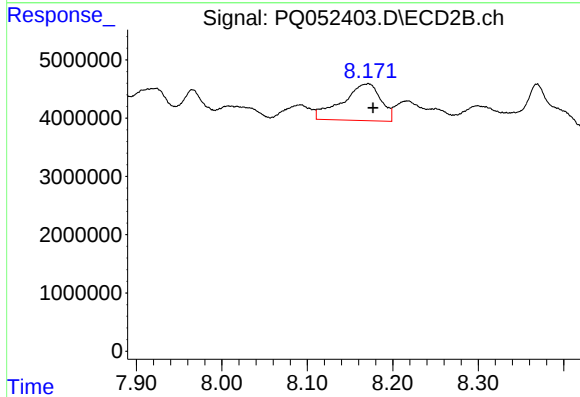
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 14781990
Conc: 42.81 ng/ml



#37 AR-1262-2

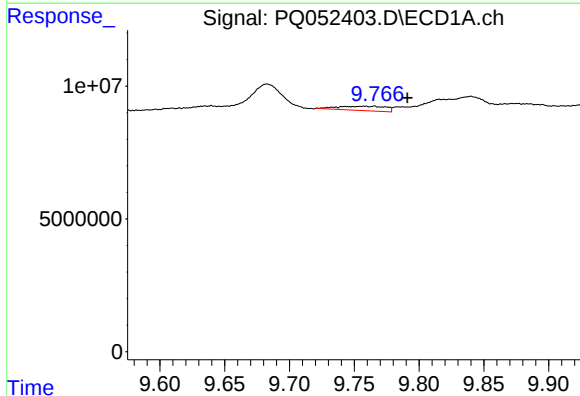
R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 21966097
Conc: 7.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



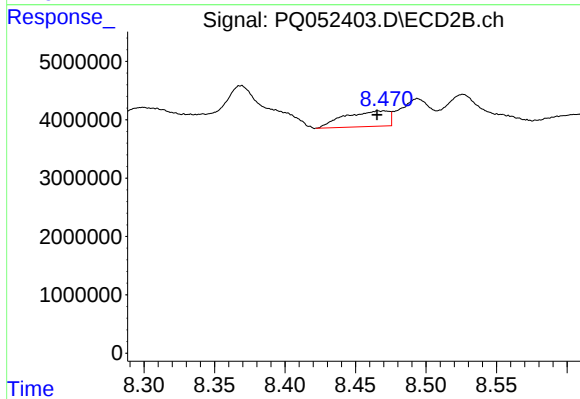
#37 AR-1262-2

R.T.: 8.172 min
Delta R.T.: -0.006 min
Response: 19734650
Conc: 14.72 ng/ml



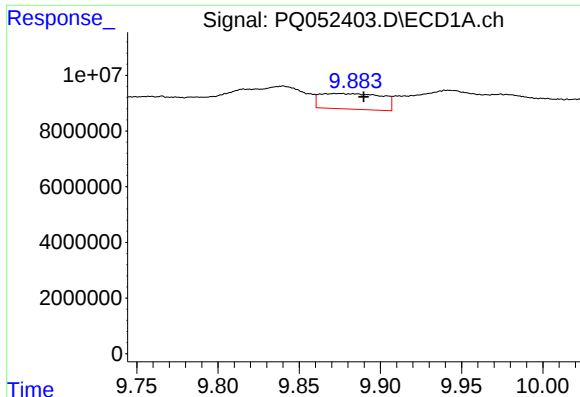
#38 AR-1262-3

R.T.: 9.757 min
Delta R.T.: -0.034 min
Response: 4208795
Conc: 2.11 ng/ml



#38 AR-1262-3

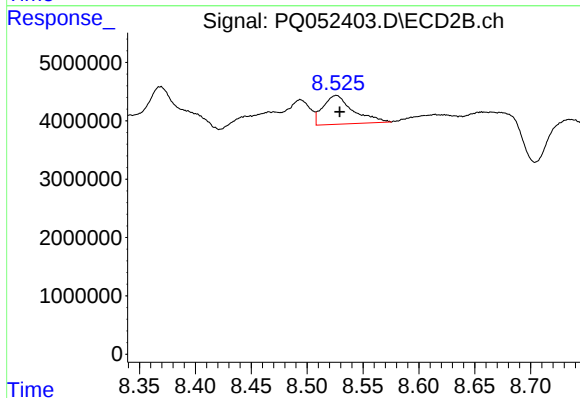
R.T.: 8.470 min
Delta R.T.: 0.005 min
Response: 5793929
Conc: 11.08 ng/ml



#39 AR-1262-4

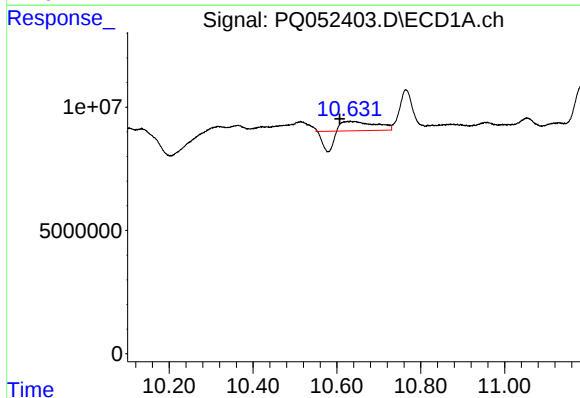
R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 14787005
Conc: 9.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



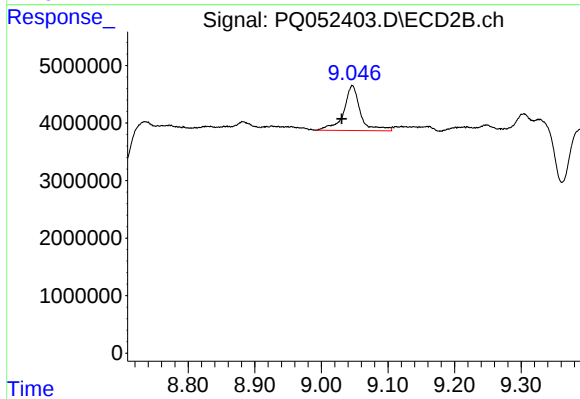
#39 AR-1262-4

R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 9270823
Conc: 9.49 ng/ml



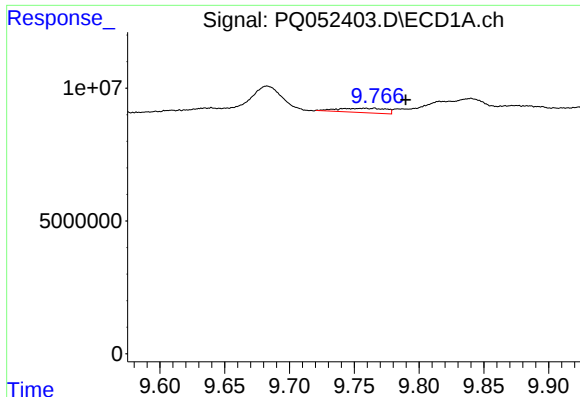
#40 AR-1262-5

R.T.: 10.631 min
Delta R.T.: 0.025 min
Response: 9647505
Conc: 8.87 ng/ml



#40 AR-1262-5

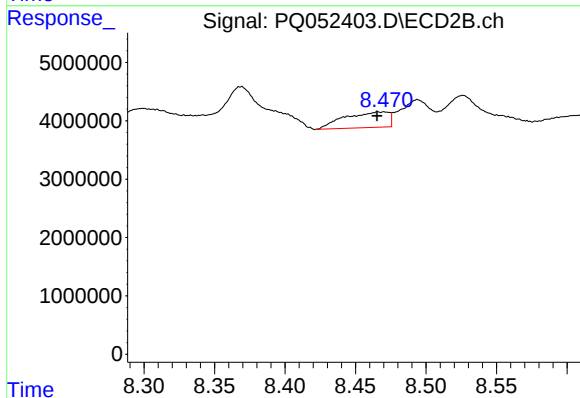
R.T.: 9.047 min
Delta R.T.: 0.016 min
Response: 13597602
Conc: 30.00 ng/ml



#41 AR-1268-1

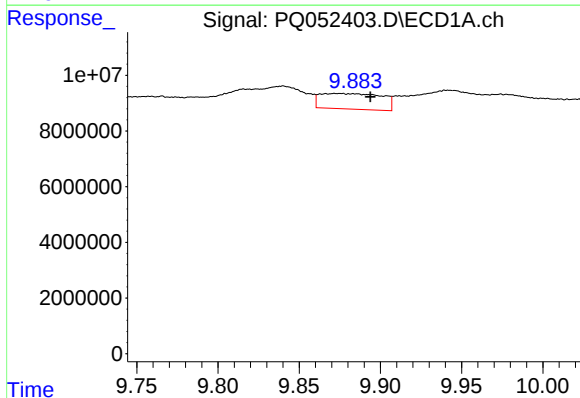
R.T.: 9.757 min
Delta R.T.: -0.032 min
Response: 4208795
Conc: 1.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



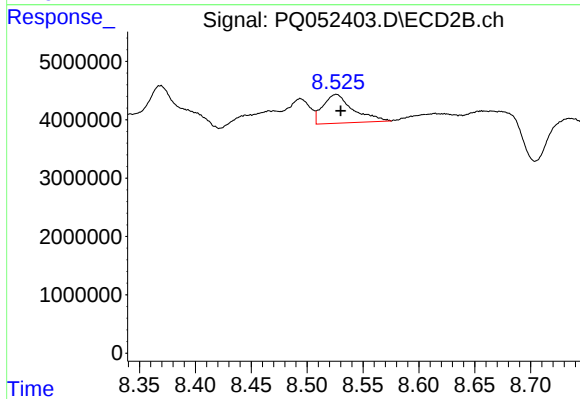
#41 AR-1268-1

R.T.: 8.470 min
Delta R.T.: 0.005 min
Response: 5793929
Conc: 3.60 ng/ml



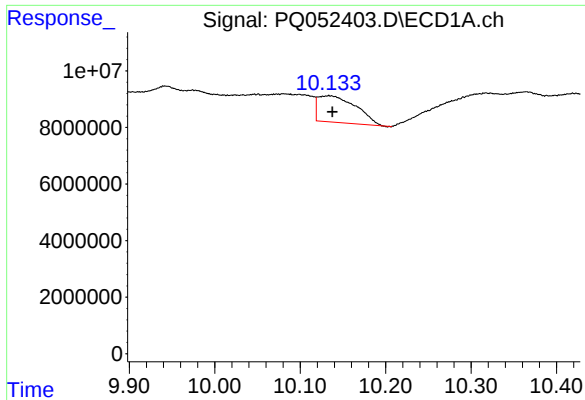
#42 AR-1268-2

R.T.: 9.874 min
Delta R.T.: -0.020 min
Response: 14787005
Conc: 4.50 ng/ml



#42 AR-1268-2

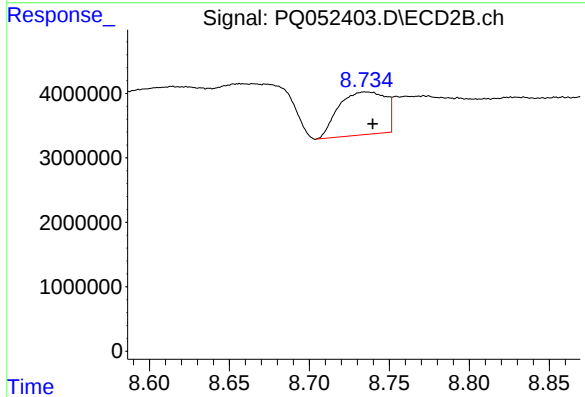
R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 9270823
Conc: 6.22 ng/ml



#43 AR-1268-3

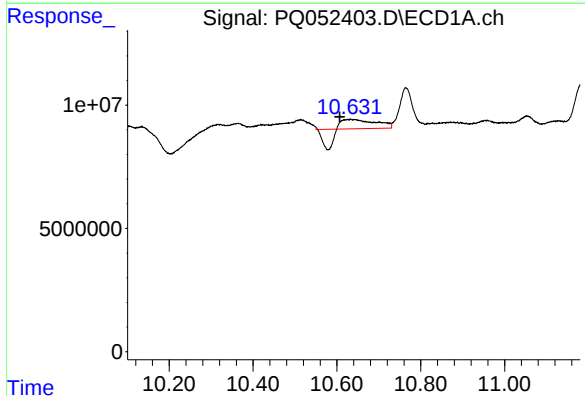
R.T.: 10.134 min
Delta R.T.: -0.004 min
Response: 28891028
Conc: 10.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



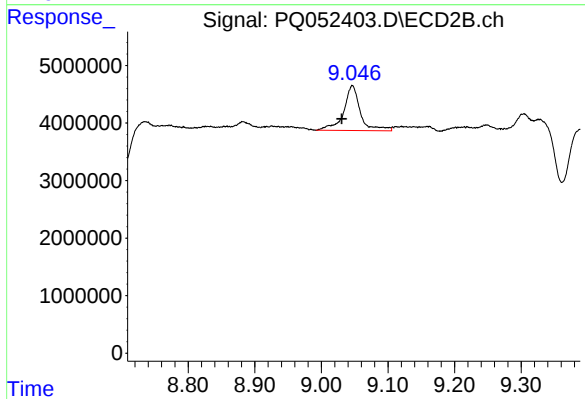
#43 AR-1268-3

R.T.: 8.735 min
Delta R.T.: -0.004 min
Response: 13560288
Conc: 10.81 ng/ml



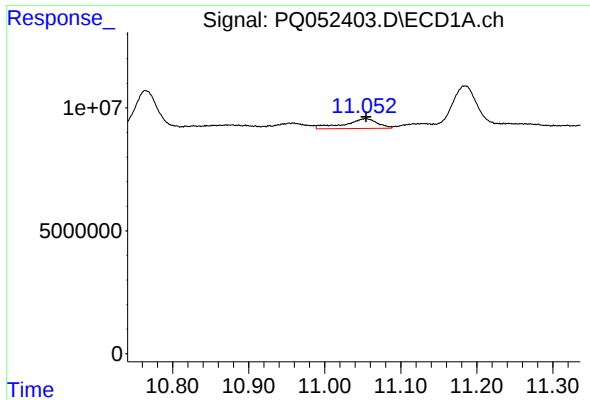
#44 AR-1268-4

R.T.: 10.631 min
Delta R.T.: 0.025 min
Response: 9647505
Conc: 7.91 ng/ml



#44 AR-1268-4

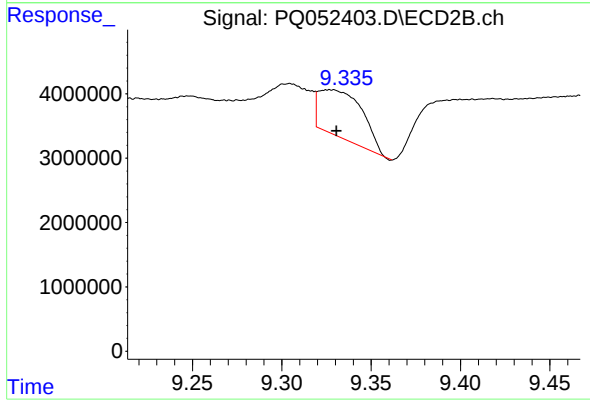
R.T.: 9.047 min
Delta R.T.: 0.016 min
Response: 13597602
Conc: 26.01 ng/ml



#45 AR-1268-5

R.T.: 11.054 min
Delta R.T.: 0.000 min
Response: 12078148
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.327 min
Delta R.T.: -0.003 min
Response: 12516933
Conc: 3.11 ng/ml