

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060322\
 Data File : PQ057947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2022 17:28
 Operator : YP\AJ
 Sample : N2984-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 23:08:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 28 06:33:00 2022
 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...	4.687	4.050	280.2E6	267.3E6	19.413	23.525
2)	SA Decachlor...	10.610	9.201	218.6E6	166.5E6	17.431	17.542
Target Compounds							
3)	L1 AR-1016-1	0.000	5.159	0	120948	N.D.	0.318 #
4)	L1 AR-1016-2	0.000	5.199f	0	188917	N.D.	0.345 #
5)	L1 AR-1016-3	5.952	5.344f	2253057	711306	5.393	2.576 #
6)	L1 AR-1016-4	6.059	5.398	5501017	174134	15.310	0.808 #
7)	L1 AR-1016-5	6.354	0.000	2642055	0	9.233	N.D. #
8)	L2 AR-1221-1	4.905	0.000	95477	0	0.614	N.D. #
9)	L2 AR-1221-2	4.999	4.359	4342759	6149060	33.611	68.334 #
10)	L2 AR-1221-3	5.072	4.427	193815	2314835	0.499	7.865 #
11)	L3 AR-1232-1	5.072	4.427	193815	2314835	0.565	8.878 #
12)	L3 AR-1232-2	5.594	5.199f	3091852	188917	19.663	0.735 #
13)	L3 AR-1232-3	0.000	5.344f	0	711306	N.D.	5.602 #
14)	L3 AR-1232-4	6.059	0.000	5501017	0	32.226	N.D. #
15)	L3 AR-1232-5	6.134	0.000	1948602	0	19.664	N.D. #
16)	L4 AR-1242-1	5.844f	5.159	2893936	120948	9.698	0.411 #
17)	L4 AR-1242-2	0.000	5.199f	0	188917	N.D.	0.447 #
18)	L4 AR-1242-3	5.952	5.344f	2253057	711306	6.920	3.299 #
19)	L4 AR-1242-4	6.059	0.000	5501017	0	19.897	N.D. #
20)	L4 AR-1242-5	6.802	5.969	495222	6788	2.002	0.025 #
21)	L5 AR-1248-1	5.844f	5.159	2893936	120948	13.191	0.561 #
22)	L5 AR-1248-2	6.134	5.398	1948602	174134	5.782	0.592 #
23)	L5 AR-1248-3	6.354	0.000	2642055	0	7.275	N.D. #
24)	L5 AR-1248-4	6.781f	0.000	985155	0	2.545	N.D. #
25)	L5 AR-1248-5	6.802	5.992f	495222	246033	1.194	0.650 #
26)	L6 AR-1254-1	6.730	5.969	2001027	6788	4.937	0.012 #
27)	L6 AR-1254-2	6.931f	6.117	4147611	2118867	6.873	4.245 #
28)	L6 AR-1254-3	7.336	6.538	3493889	3199505	4.564	3.764
29)	L6 AR-1254-4	7.596	6.754	1208546	792338	2.462	1.543 #
30)	L6 AR-1254-5	8.024	7.172	64160074	45981569	113.134	69.066 #
31)	L7 AR-1260-1	7.480	6.656	4270321	8795437	9.763	16.929 #
32)	L7 AR-1260-2	7.737	6.840	41606239	37669026	75.088	60.403
33)	L7 AR-1260-3	8.024	7.003	64160074	18143602	95.252	27.855 #
34)	L7 AR-1260-4	8.336	7.472	19999631	18075191	40.080	35.946
35)	L7 AR-1260-5	8.677	7.710	77625158	91800891	69.674	74.756
36)	L8 AR-1262-1	8.097	7.172	26554769	45981569	43.083	127.223 #
37)	L8 AR-1262-2	8.677	7.710	77625158	91800891	59.054	64.385
38)	L8 AR-1262-3	9.007	7.997	19696571	32964125	31.634	63.096 #
39)	L8 AR-1262-4	9.102	8.061	37396392	78084328	72.072	77.236
40)	L8 AR-1262-5	9.809	8.587	28505280	25041995	53.970	56.170
41)	L9 AR-1268-1	9.007	7.997	19696571	32964125	12.299	20.559 #

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 ALS Vial : 17 Sample Multiplier: 1

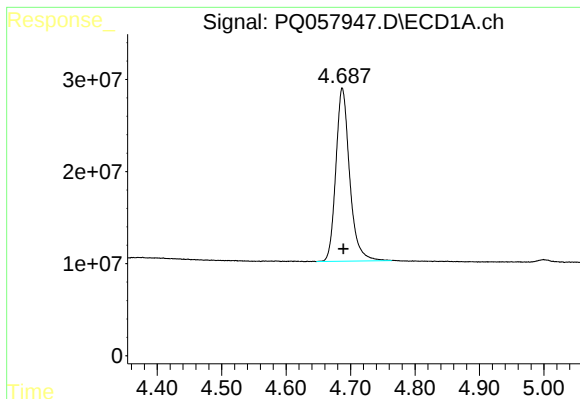
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
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 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	9.102	8.061	37396392	78084328	21.971	51.591 #
43) L9	AR-1268-3	9.348	8.283	1307733	2307997	0.880	1.925 #
44) L9	AR-1268-4	9.809	8.587	28505280	25041995	48.038	50.277
45) L9	AR-1268-5	10.252	8.912	18752263	9085758	3.638	2.295 #

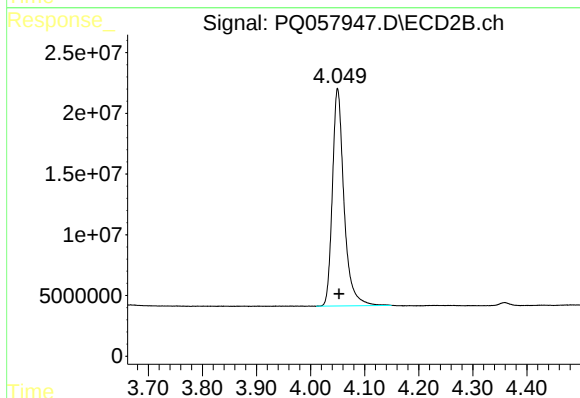
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

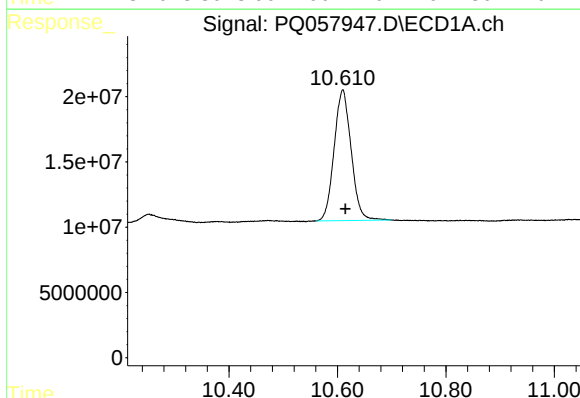
R.T.: 4.687 min
Delta R.T.: -0.002 min
Response: 280172115
Conc: 19.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



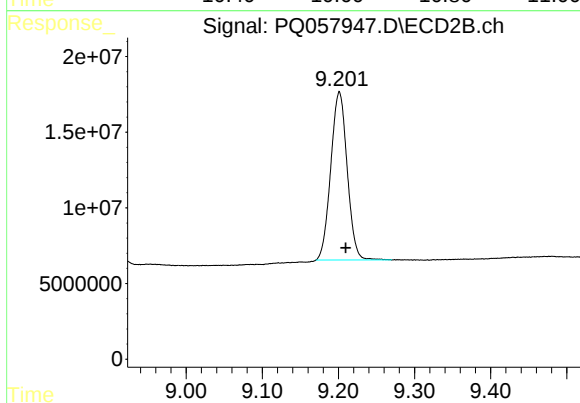
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 267313566
Conc: 23.52 ng/ml



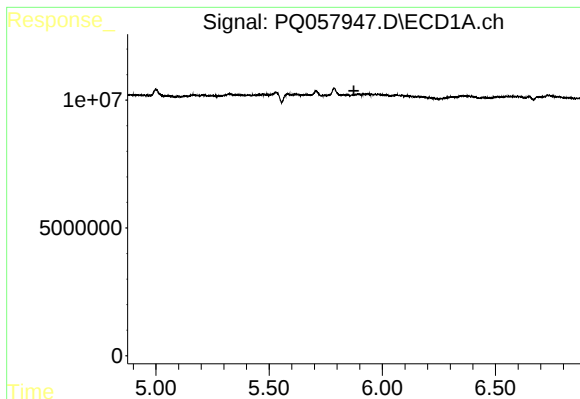
#2 Decachlorobiphenyl

R.T.: 10.610 min
Delta R.T.: -0.005 min
Response: 218618669
Conc: 17.43 ng/ml



#2 Decachlorobiphenyl

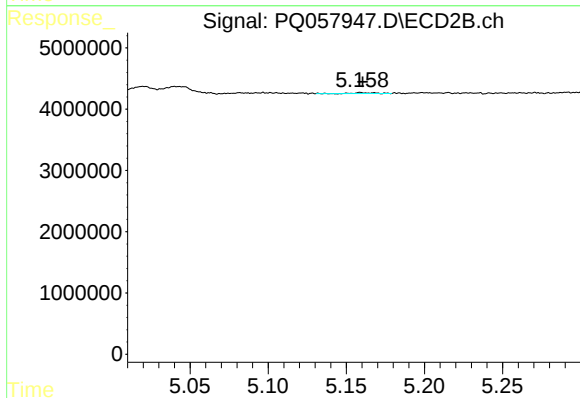
R.T.: 9.201 min
Delta R.T.: -0.009 min
Response: 166474558
Conc: 17.54 ng/ml



#3 AR-1016-1

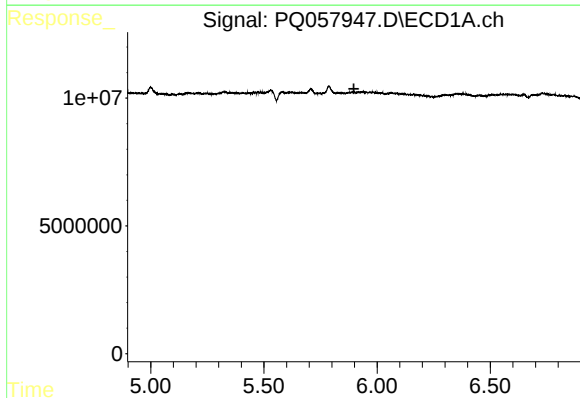
R.T.: 0.000 min
Exp R.T.: 5.875 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



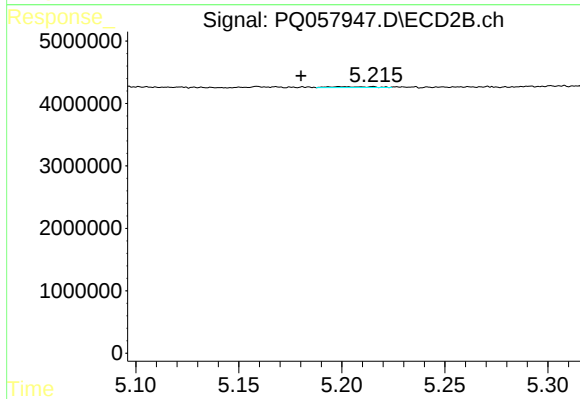
#3 AR-1016-1

R.T.: 5.159 min
Delta R.T.: -0.001 min
Response: 120948
Conc: 0.32 ng/ml



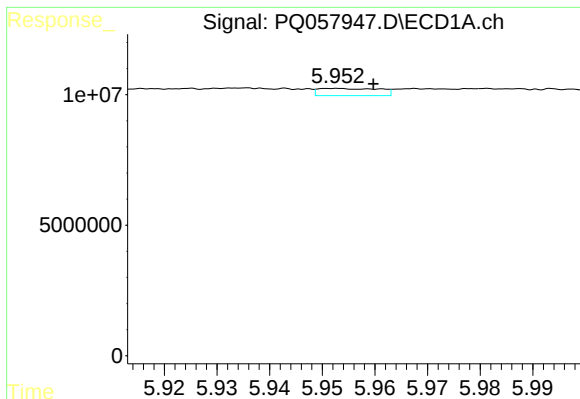
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.897 min
Response: 0
Conc: N.D.



#4 AR-1016-2

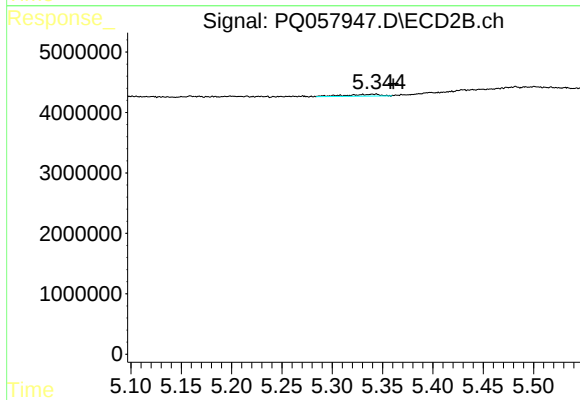
R.T.: 5.199 min
Delta R.T.: 0.019 min
Response: 188917
Conc: 0.35 ng/ml



#5 AR-1016-3

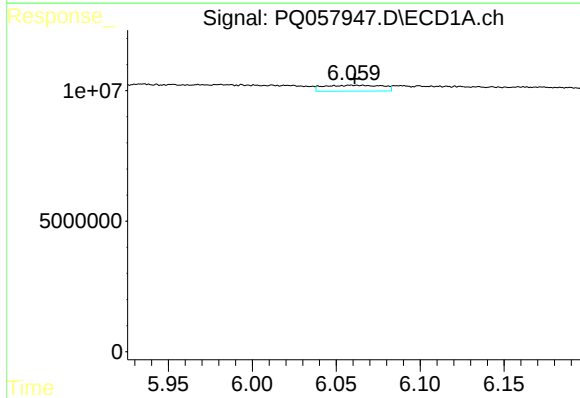
R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 2253057
Conc: 5.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



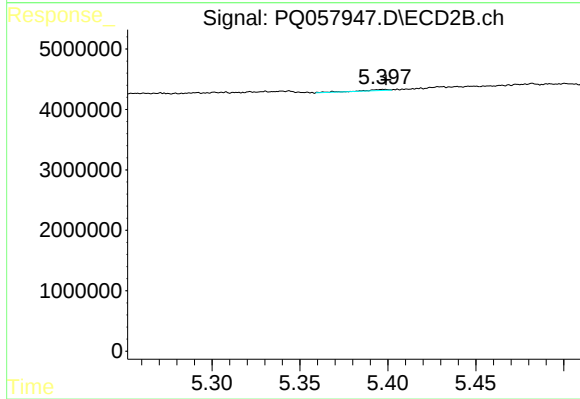
#5 AR-1016-3

R.T.: 5.344 min
Delta R.T.: -0.017 min
Response: 711306
Conc: 2.58 ng/ml



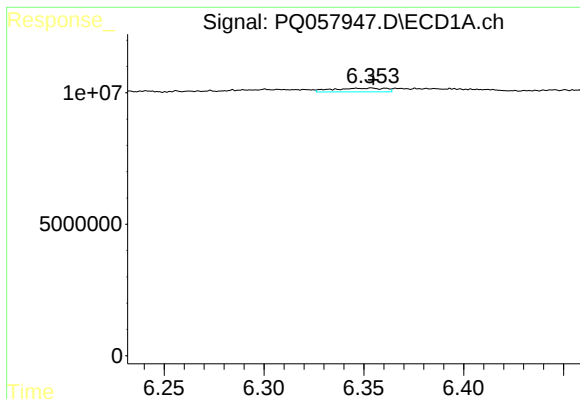
#6 AR-1016-4

R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 5501017
Conc: 15.31 ng/ml



#6 AR-1016-4

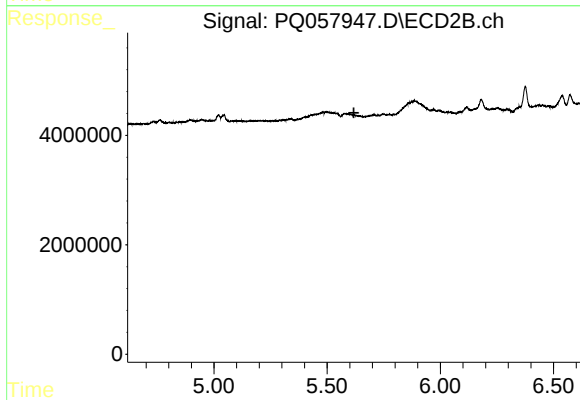
R.T.: 5.398 min
Delta R.T.: -0.001 min
Response: 174134
Conc: 0.81 ng/ml



#7 AR-1016-5

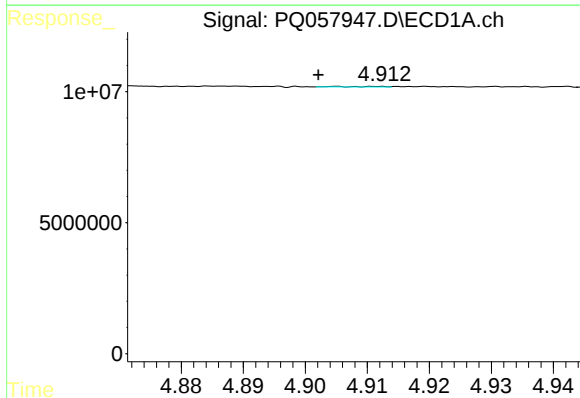
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 2642055
Conc: 9.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



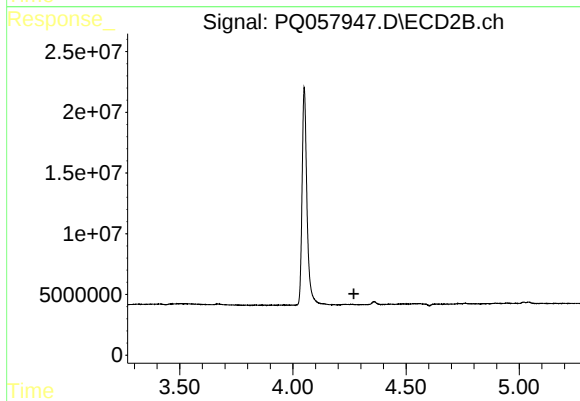
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



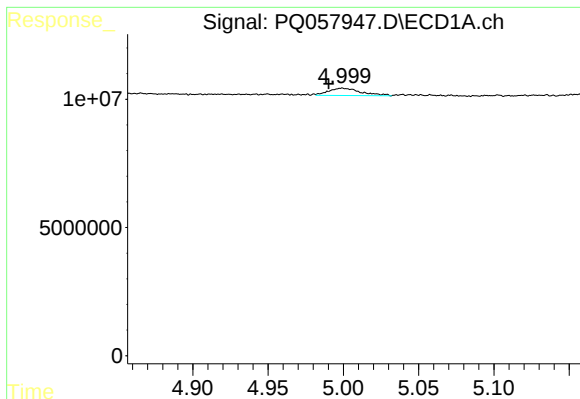
#8 AR-1221-1

R.T.: 4.905 min
Delta R.T.: 0.003 min
Response: 95477
Conc: 0.61 ng/ml



#8 AR-1221-1

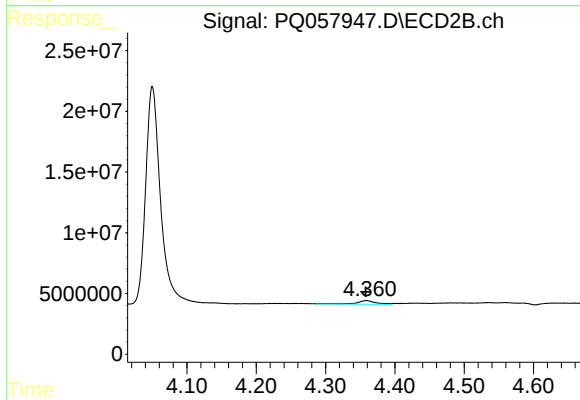
R.T.: 0.000 min
Exp R.T. : 4.270 min
Response: 0
Conc: N.D.



#9 AR-1221-2

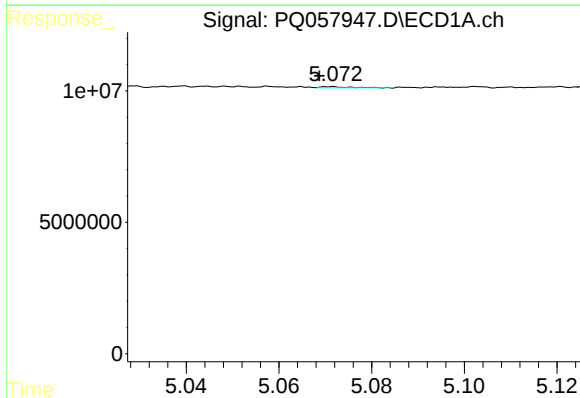
R.T.: 4.999 min
Delta R.T.: 0.009 min
Response: 4342759
Conc: 33.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



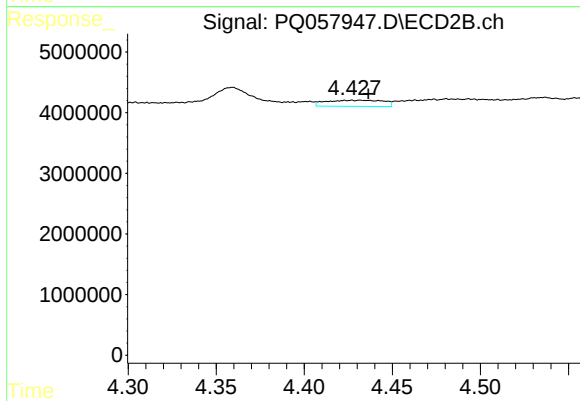
#9 AR-1221-2

R.T.: 4.359 min
Delta R.T.: 0.001 min
Response: 6149060
Conc: 68.33 ng/ml



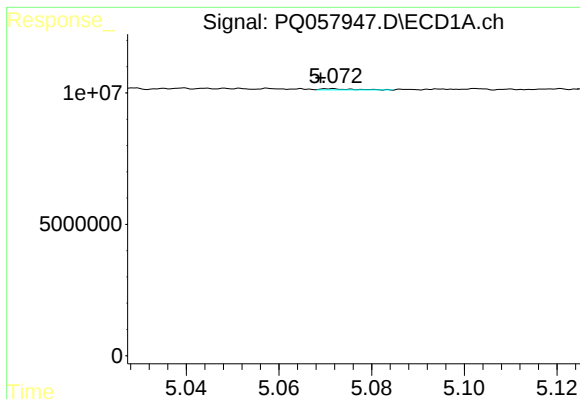
#10 AR-1221-3

R.T.: 5.072 min
Delta R.T.: 0.003 min
Response: 193815
Conc: 0.50 ng/ml



#10 AR-1221-3

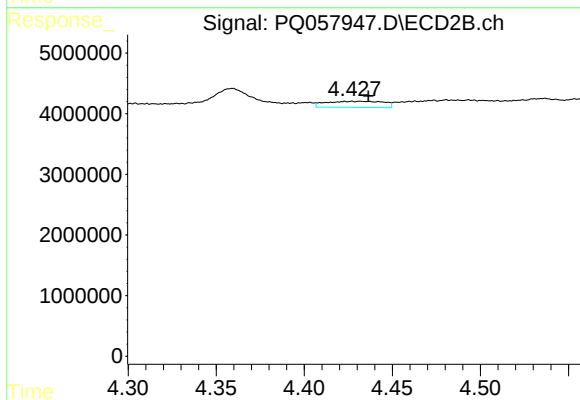
R.T.: 4.427 min
Delta R.T.: -0.009 min
Response: 2314835
Conc: 7.86 ng/ml



#11 AR-1232-1

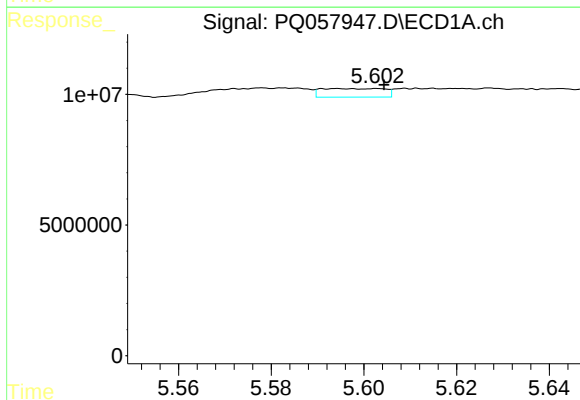
R.T.: 5.072 min
Delta R.T.: 0.003 min
Response: 193815
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



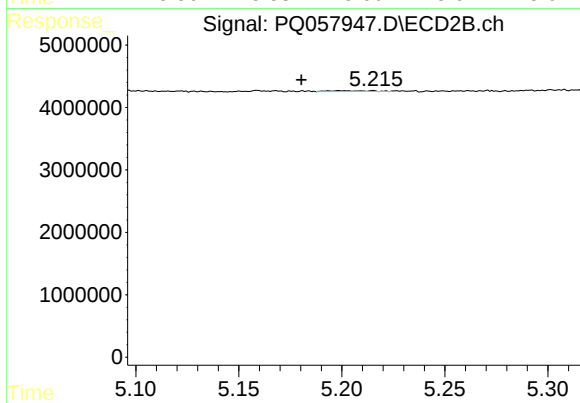
#11 AR-1232-1

R.T.: 4.427 min
Delta R.T.: -0.009 min
Response: 2314835
Conc: 8.88 ng/ml



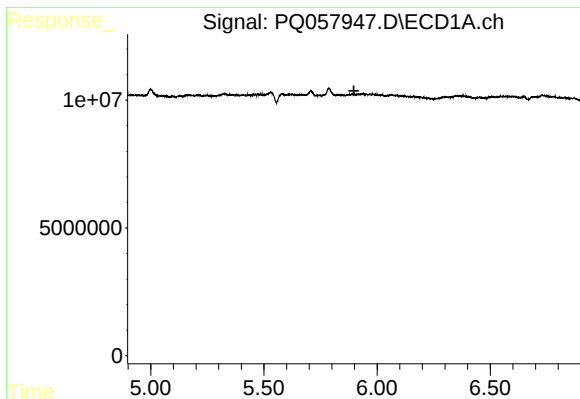
#12 AR-1232-2

R.T.: 5.594 min
Delta R.T.: -0.010 min
Response: 3091852
Conc: 19.66 ng/ml



#12 AR-1232-2

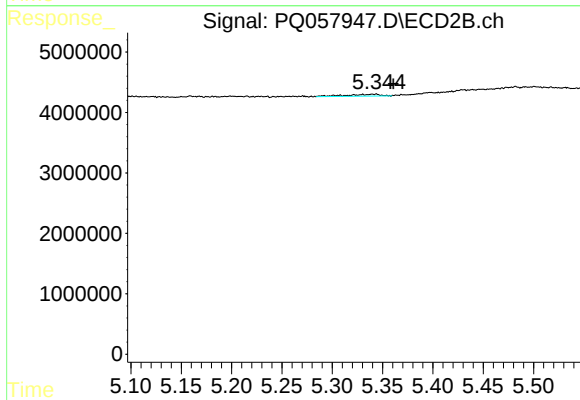
R.T.: 5.199 min
Delta R.T.: 0.019 min
Response: 188917
Conc: 0.74 ng/ml



#13 AR-1232-3

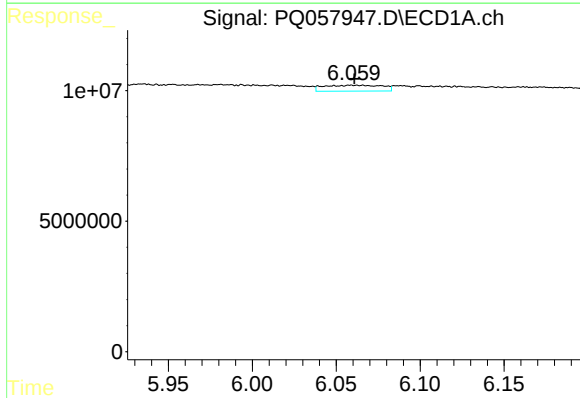
R.T.: 0.000 min
Exp R.T.: 5.898 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



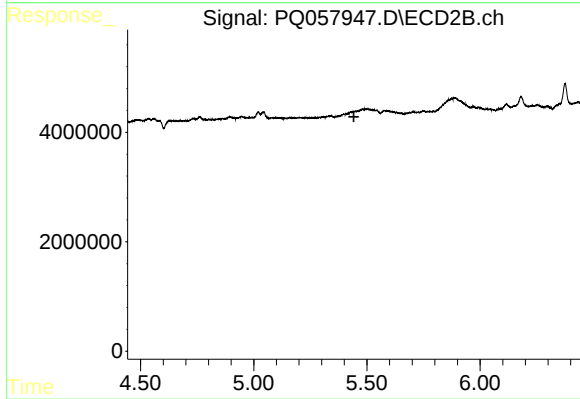
#13 AR-1232-3

R.T.: 5.344 min
Delta R.T.: -0.017 min
Response: 711306
Conc: 5.60 ng/ml



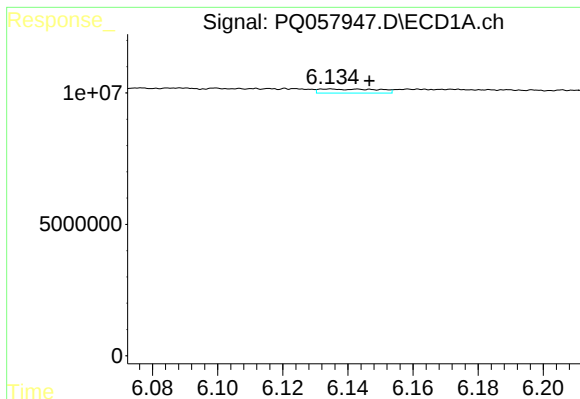
#14 AR-1232-4

R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 5501017
Conc: 32.23 ng/ml



#14 AR-1232-4

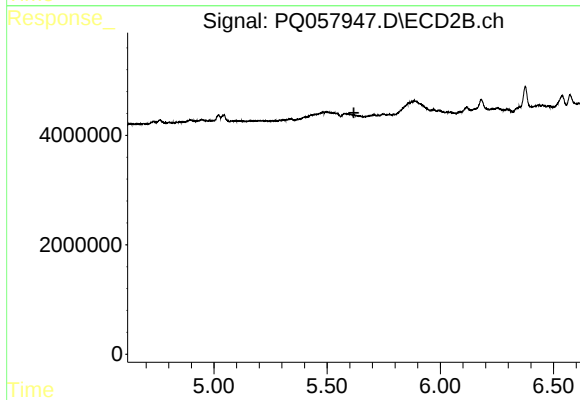
R.T.: 0.000 min
Exp R.T.: 5.442 min
Response: 0
Conc: N.D.



#15 AR-1232-5

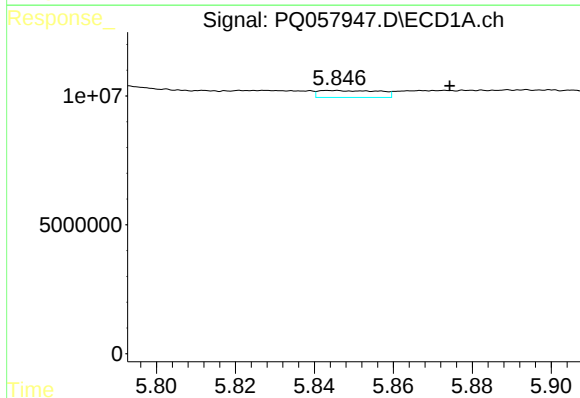
R.T.: 6.134 min
Delta R.T.: -0.012 min
Response: 1948602
Conc: 19.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



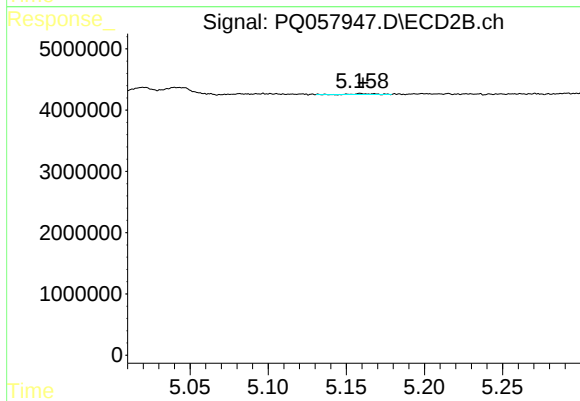
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



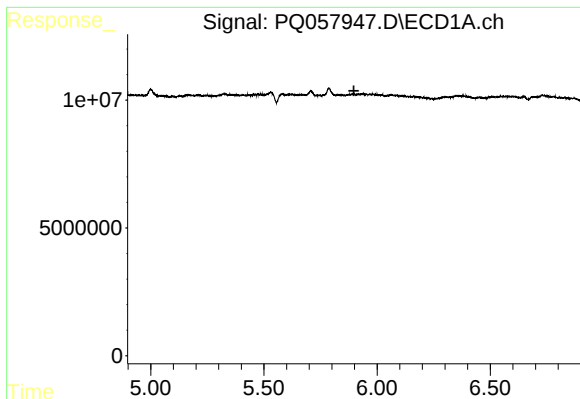
#16 AR-1242-1

R.T.: 5.844 min
Delta R.T.: -0.030 min
Response: 2893936
Conc: 9.70 ng/ml



#16 AR-1242-1

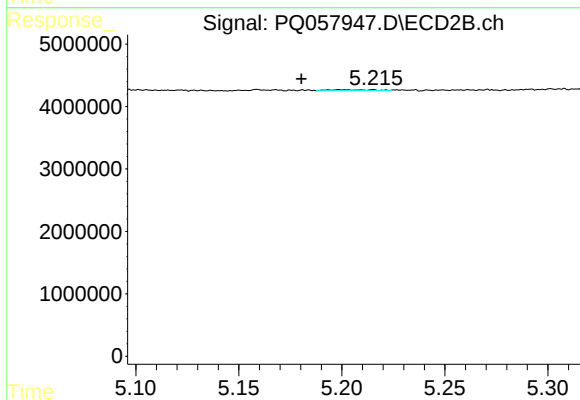
R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 120948
Conc: 0.41 ng/ml



#17 AR-1242-2

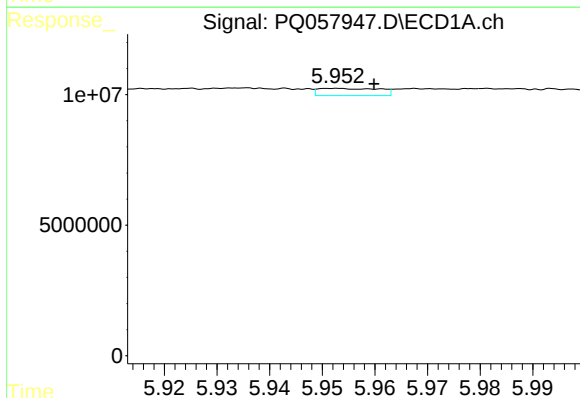
R.T.: 0.000 min
Exp R.T.: 5.898 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



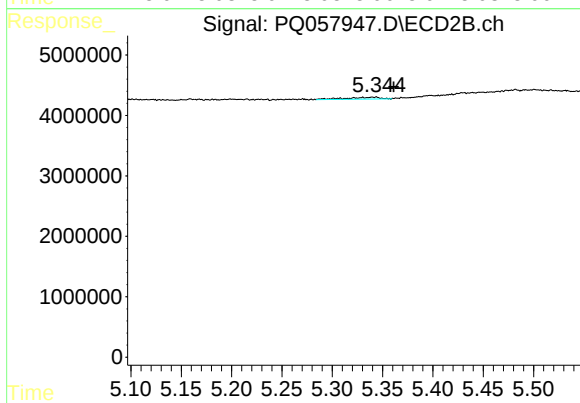
#17 AR-1242-2

R.T.: 5.199 min
Delta R.T.: 0.019 min
Response: 188917
Conc: 0.45 ng/ml



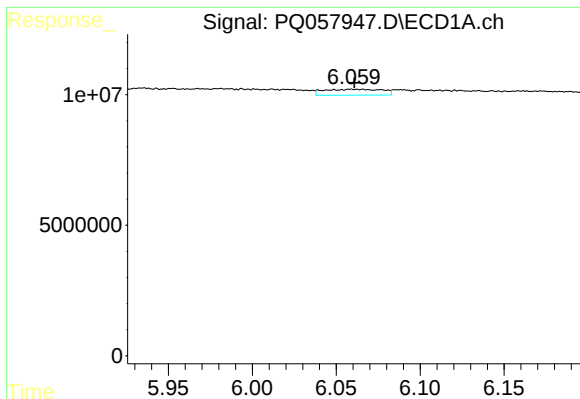
#18 AR-1242-3

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 2253057
Conc: 6.92 ng/ml



#18 AR-1242-3

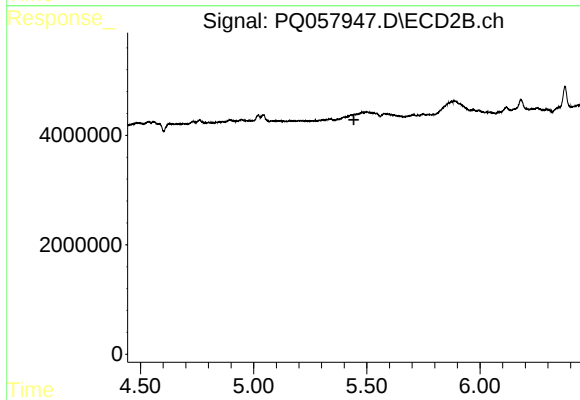
R.T.: 5.344 min
Delta R.T.: -0.018 min
Response: 711306
Conc: 3.30 ng/ml



#19 AR-1242-4

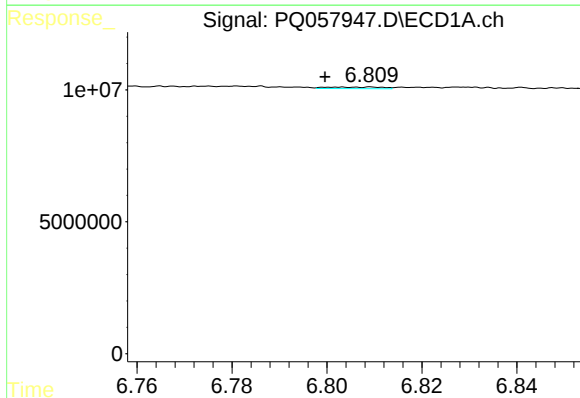
R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 5501017
Conc: 19.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



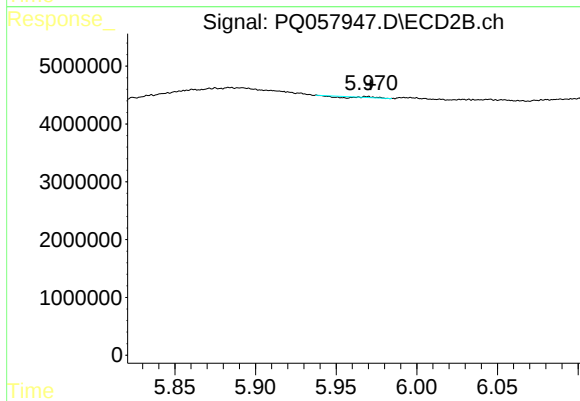
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.443 min
Response: 0
Conc: N.D.



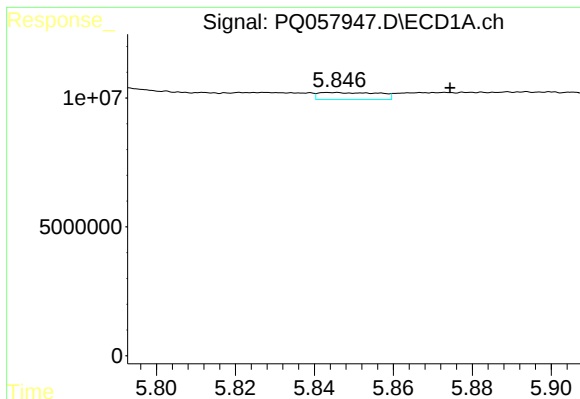
#20 AR-1242-5

R.T.: 6.802 min
Delta R.T.: 0.003 min
Response: 495222
Conc: 2.00 ng/ml



#20 AR-1242-5

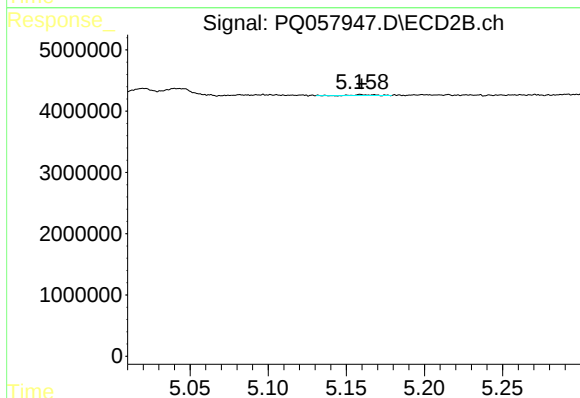
R.T.: 5.969 min
Delta R.T.: -0.002 min
Response: 6788
Conc: 0.03 ng/ml



#21 AR-1248-1

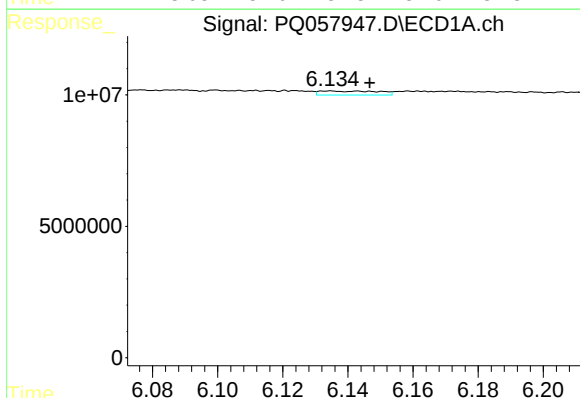
R.T.: 5.844 min
Delta R.T.: -0.030 min
Response: 2893936
Conc: 13.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



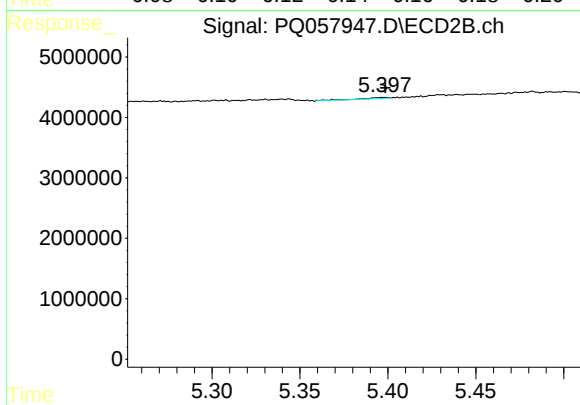
#21 AR-1248-1

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 120948
Conc: 0.56 ng/ml



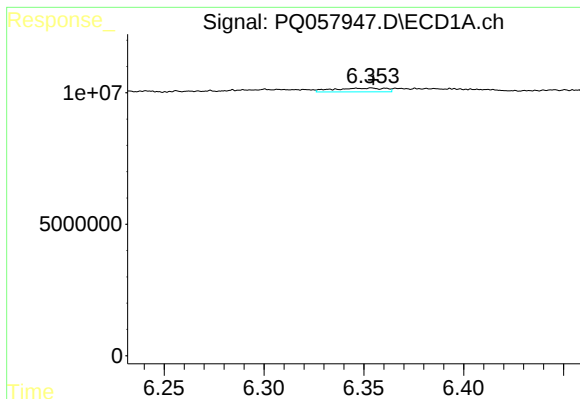
#22 AR-1248-2

R.T.: 6.134 min
Delta R.T.: -0.012 min
Response: 1948602
Conc: 5.78 ng/ml



#22 AR-1248-2

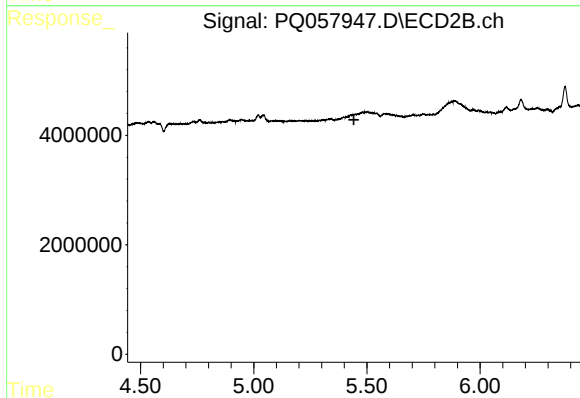
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 174134
Conc: 0.59 ng/ml



#23 AR-1248-3

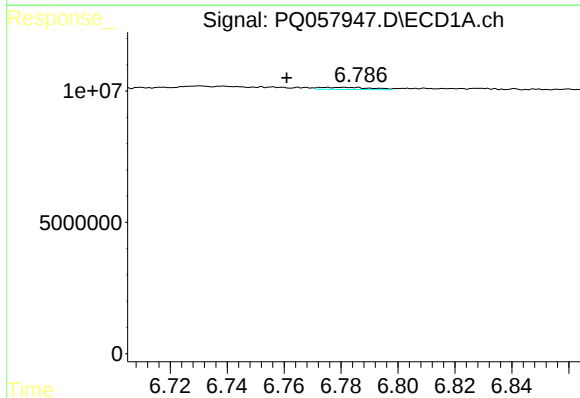
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 2642055
Conc: 7.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



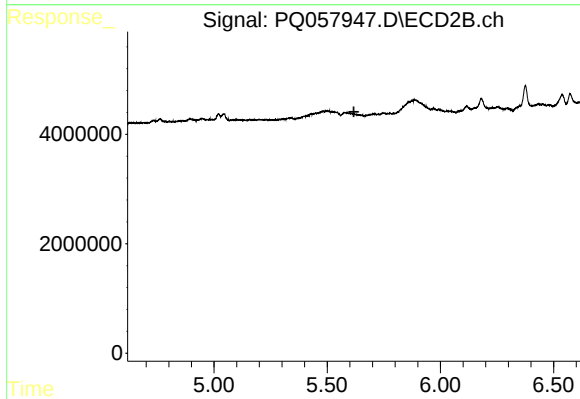
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.443 min
Response: 0
Conc: N.D.



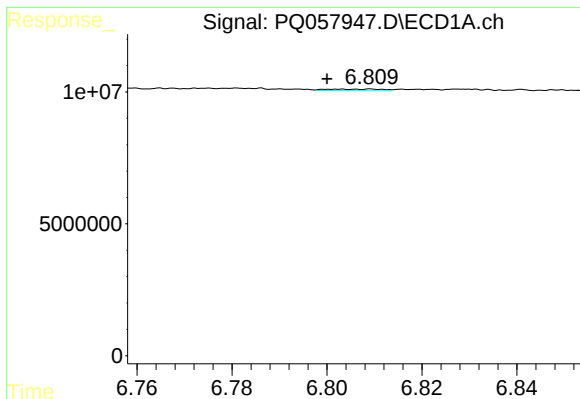
#24 AR-1248-4

R.T.: 6.781 min
Delta R.T.: 0.020 min
Response: 985155
Conc: 2.55 ng/ml



#24 AR-1248-4

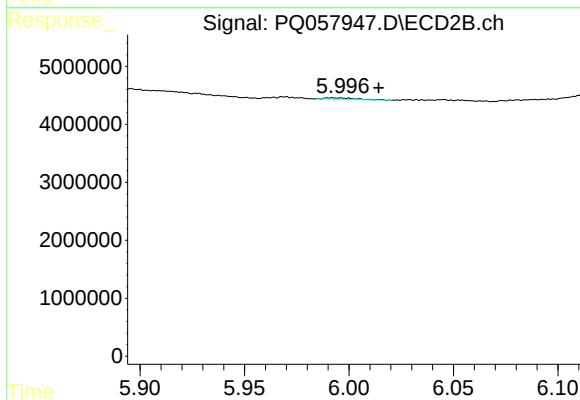
R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



#25 AR-1248-5

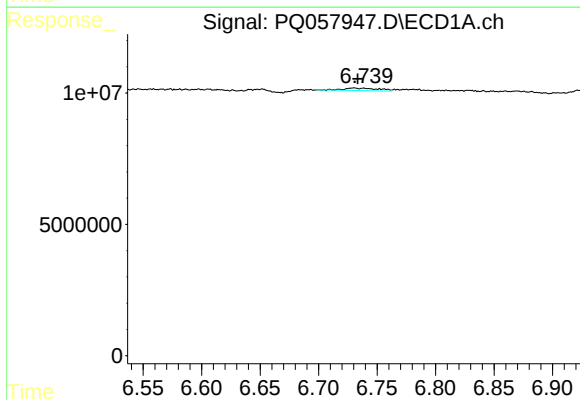
R.T.: 6.802 min
Delta R.T.: 0.002 min
Response: 495222
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



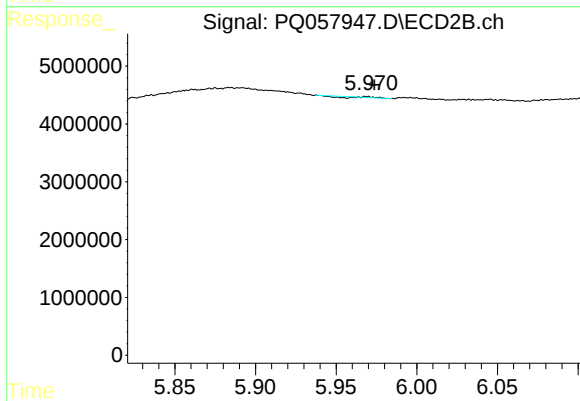
#25 AR-1248-5

R.T.: 5.992 min
Delta R.T.: -0.022 min
Response: 246033
Conc: 0.65 ng/ml



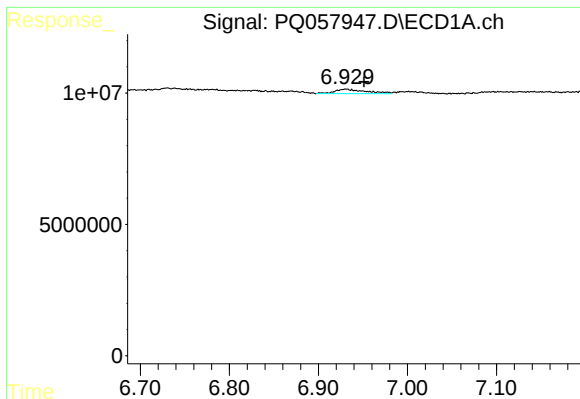
#26 AR-1254-1

R.T.: 6.730 min
Delta R.T.: -0.003 min
Response: 2001027
Conc: 4.94 ng/ml



#26 AR-1254-1

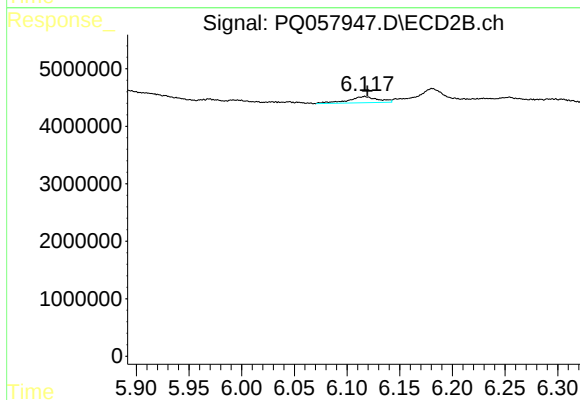
R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 6788
Conc: 0.01 ng/ml



#27 AR-1254-2

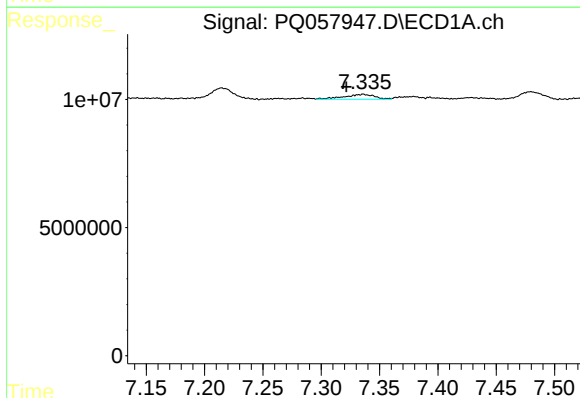
R.T.: 6.931 min
Delta R.T.: -0.020 min
Response: 4147611
Conc: 6.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



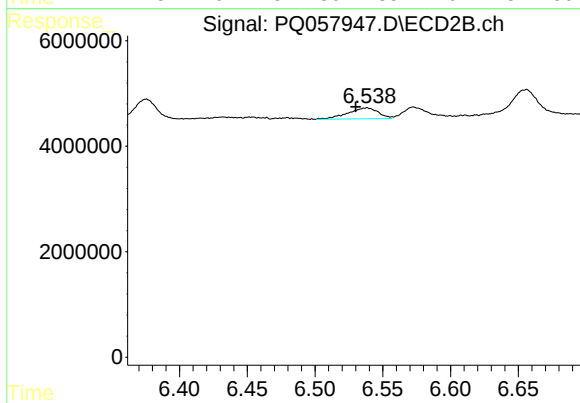
#27 AR-1254-2

R.T.: 6.117 min
Delta R.T.: -0.002 min
Response: 2118867
Conc: 4.25 ng/ml



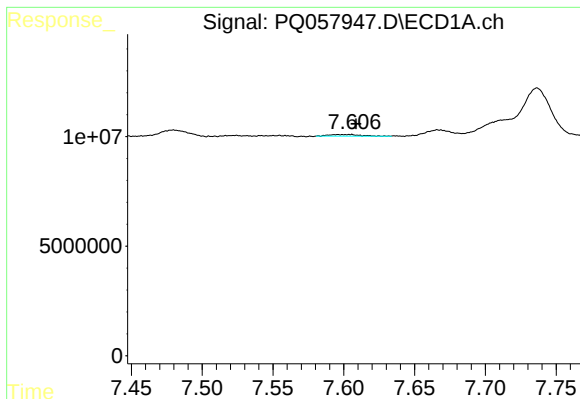
#28 AR-1254-3

R.T.: 7.336 min
Delta R.T.: 0.014 min
Response: 3493889
Conc: 4.56 ng/ml



#28 AR-1254-3

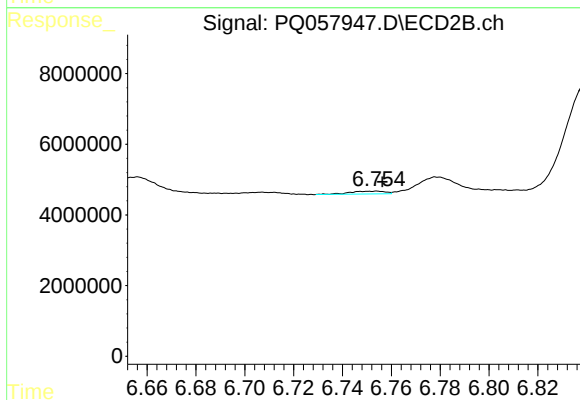
R.T.: 6.538 min
Delta R.T.: 0.008 min
Response: 3199505
Conc: 3.76 ng/ml



#29 AR-1254-4

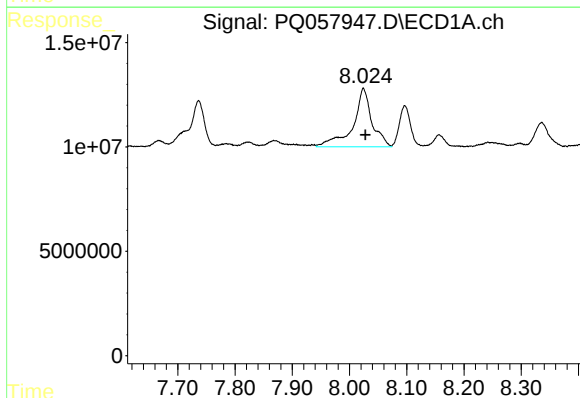
R.T.: 7.596 min
Delta R.T.: -0.013 min
Response: 1208546
Conc: 2.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



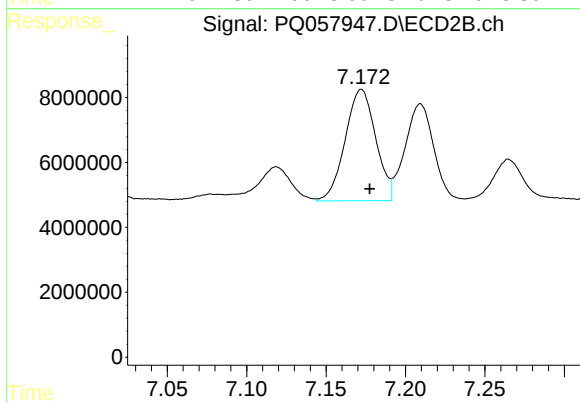
#29 AR-1254-4

R.T.: 6.754 min
Delta R.T.: -0.003 min
Response: 792338
Conc: 1.54 ng/ml



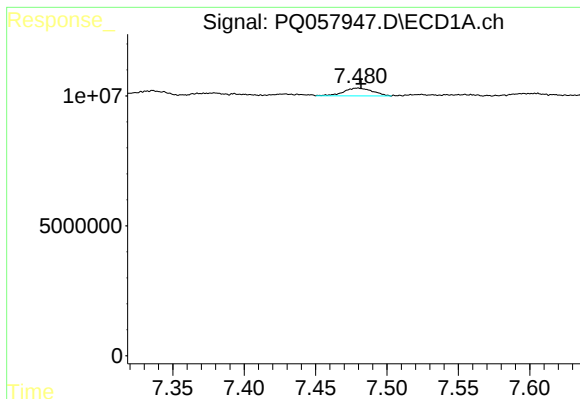
#30 AR-1254-5

R.T.: 8.024 min
Delta R.T.: -0.004 min
Response: 64160074
Conc: 113.13 ng/ml



#30 AR-1254-5

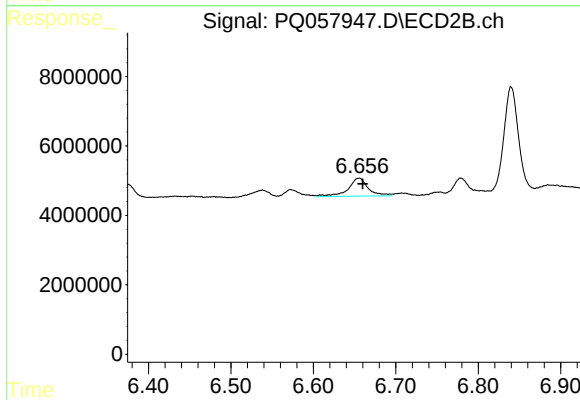
R.T.: 7.172 min
Delta R.T.: -0.005 min
Response: 45981569
Conc: 69.07 ng/ml



#31 AR-1260-1

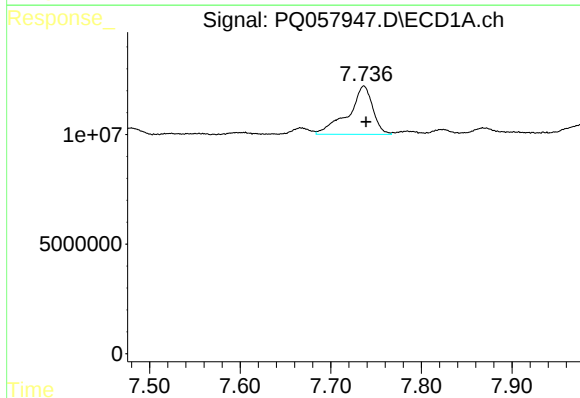
R.T.: 7.480 min
Delta R.T.: -0.002 min
Response: 4270321
Conc: 9.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



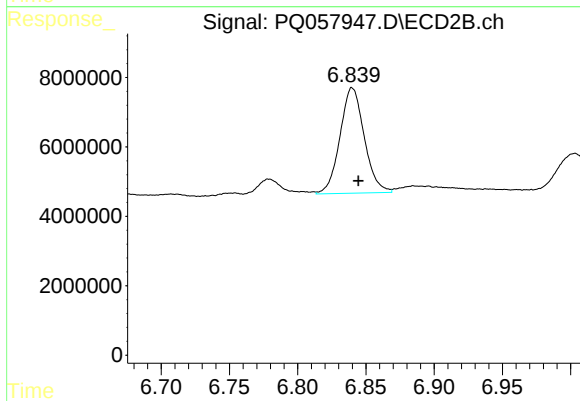
#31 AR-1260-1

R.T.: 6.656 min
Delta R.T.: -0.005 min
Response: 8795437
Conc: 16.93 ng/ml



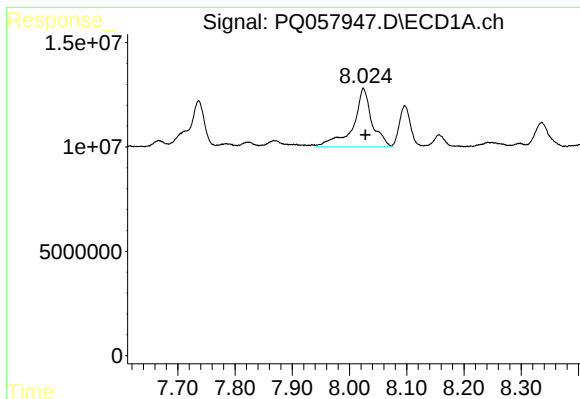
#32 AR-1260-2

R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 41606239
Conc: 75.09 ng/ml



#32 AR-1260-2

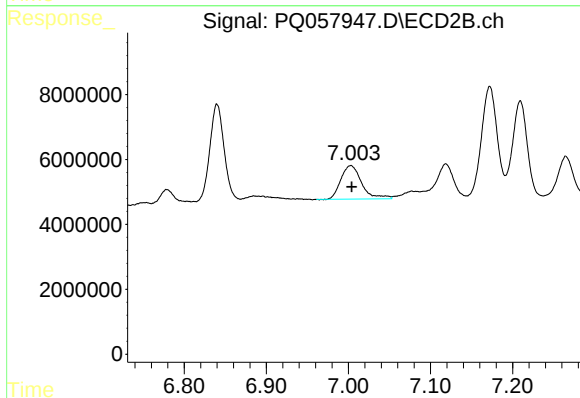
R.T.: 6.840 min
Delta R.T.: -0.004 min
Response: 37669026
Conc: 60.40 ng/ml



#33 AR-1260-3

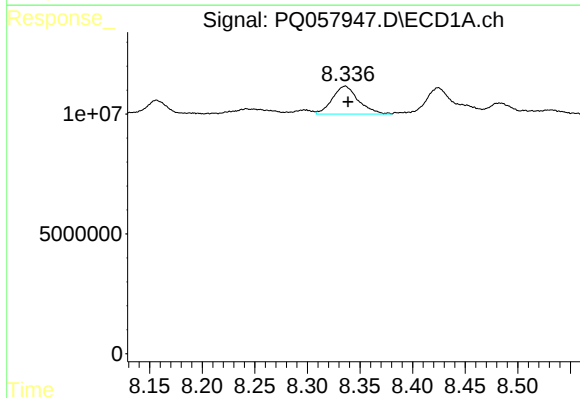
R.T.: 8.024 min
Delta R.T.: -0.003 min
Response: 64160074
Conc: 95.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



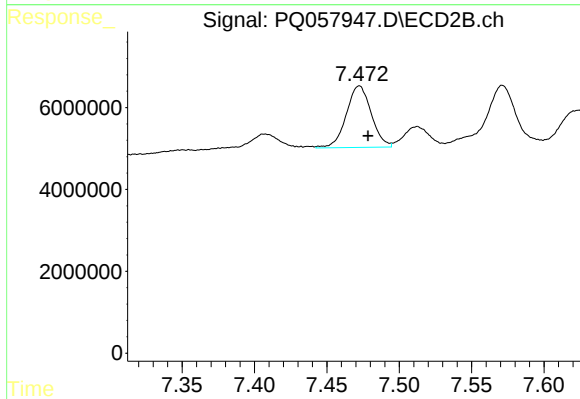
#33 AR-1260-3

R.T.: 7.003 min
Delta R.T.: -0.001 min
Response: 18143602
Conc: 27.86 ng/ml



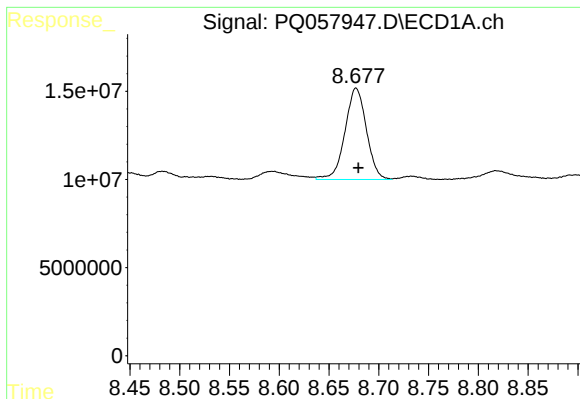
#34 AR-1260-4

R.T.: 8.336 min
Delta R.T.: -0.003 min
Response: 19999631
Conc: 40.08 ng/ml



#34 AR-1260-4

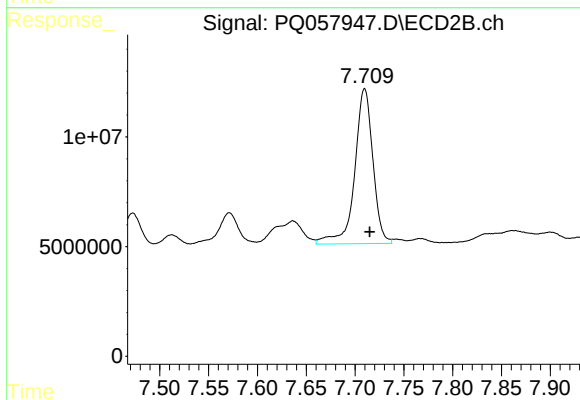
R.T.: 7.472 min
Delta R.T.: -0.006 min
Response: 18075191
Conc: 35.95 ng/ml



#35 AR-1260-5

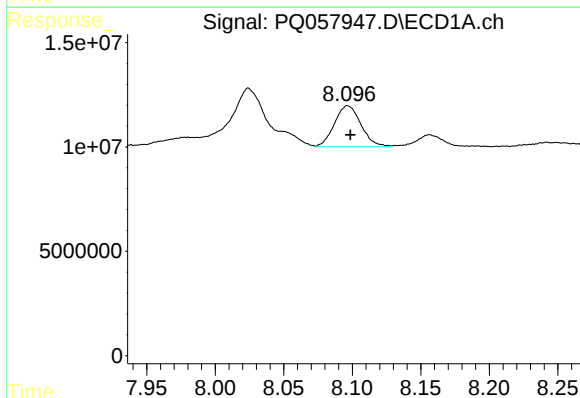
R.T.: 8.677 min
Delta R.T.: -0.003 min
Response: 77625158
Conc: 69.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



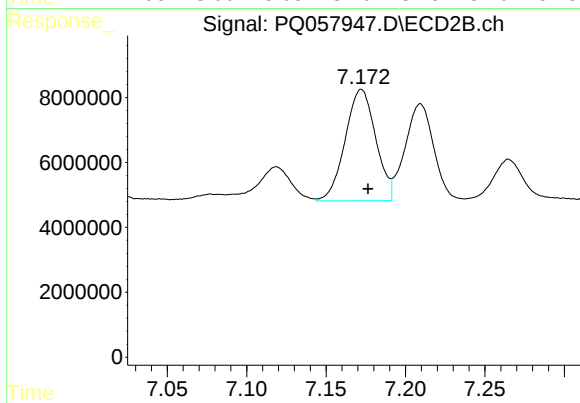
#35 AR-1260-5

R.T.: 7.710 min
Delta R.T.: -0.005 min
Response: 91800891
Conc: 74.76 ng/ml



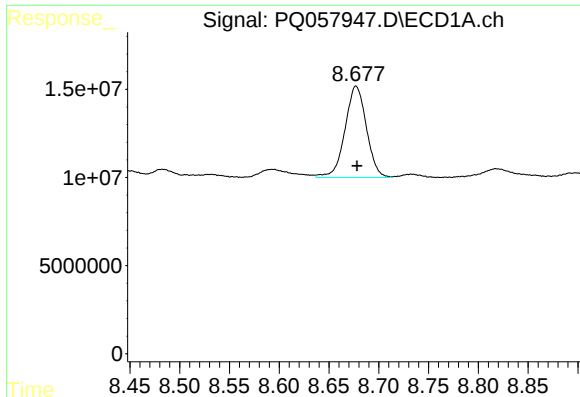
#36 AR-1262-1

R.T.: 8.097 min
Delta R.T.: -0.002 min
Response: 26554769
Conc: 43.08 ng/ml



#36 AR-1262-1

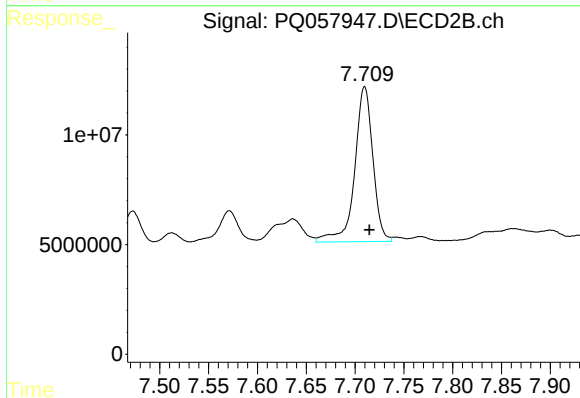
R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 45981569
Conc: 127.22 ng/ml



#37 AR-1262-2

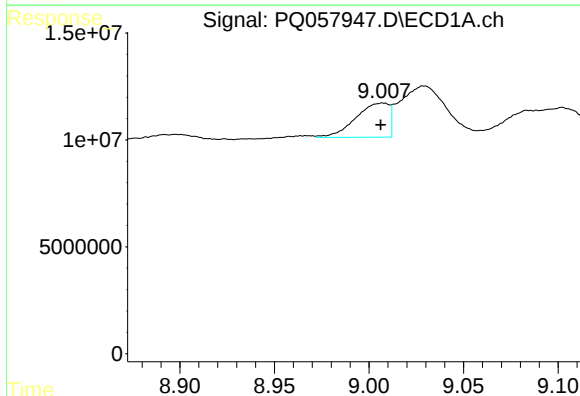
R.T.: 8.677 min
Delta R.T.: -0.001 min
Response: 77625158
Conc: 59.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



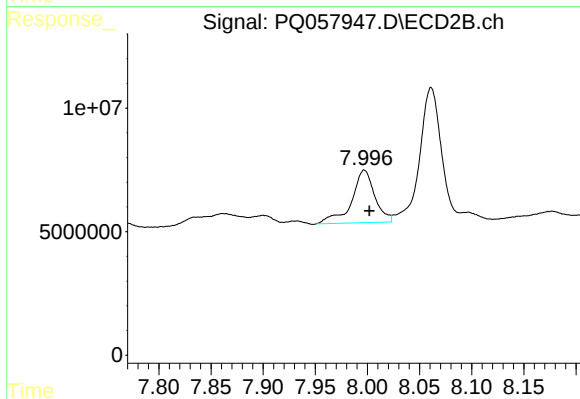
#37 AR-1262-2

R.T.: 7.710 min
Delta R.T.: -0.005 min
Response: 91800891
Conc: 64.39 ng/ml



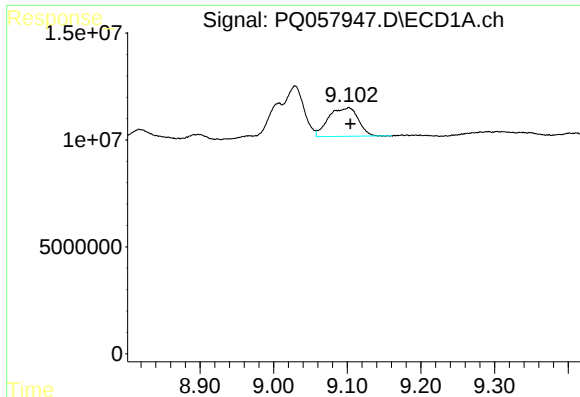
#38 AR-1262-3

R.T.: 9.007 min
Delta R.T.: 0.001 min
Response: 19696571
Conc: 31.63 ng/ml



#38 AR-1262-3

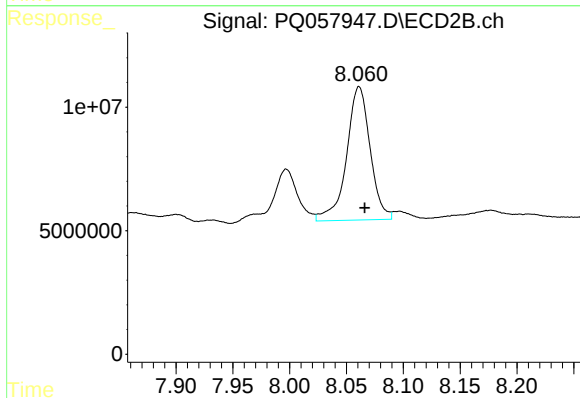
R.T.: 7.997 min
Delta R.T.: -0.005 min
Response: 32964125
Conc: 63.10 ng/ml



#39 AR-1262-4

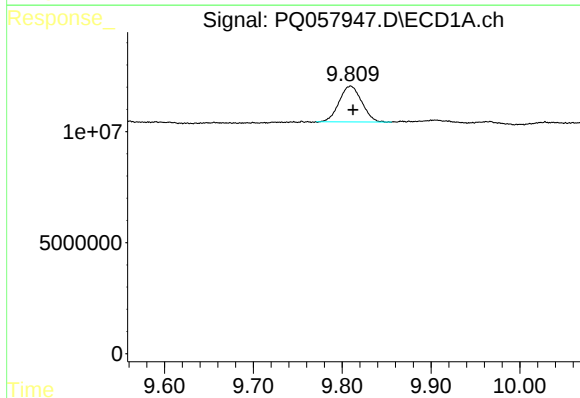
R.T.: 9.102 min
Delta R.T.: -0.002 min
Response: 37396392
Conc: 72.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



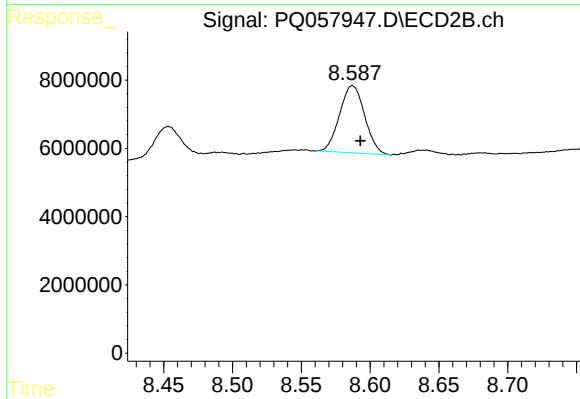
#39 AR-1262-4

R.T.: 8.061 min
Delta R.T.: -0.005 min
Response: 78084328
Conc: 77.24 ng/ml



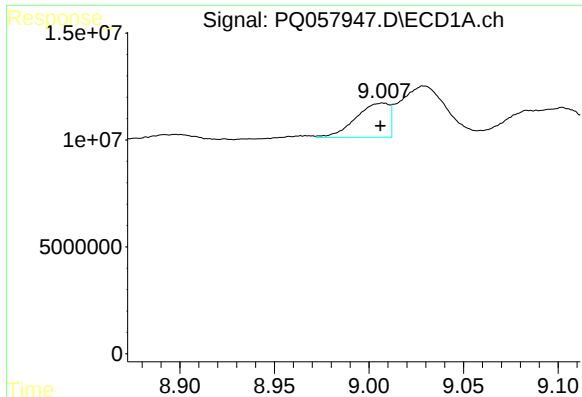
#40 AR-1262-5

R.T.: 9.809 min
Delta R.T.: -0.003 min
Response: 28505280
Conc: 53.97 ng/ml



#40 AR-1262-5

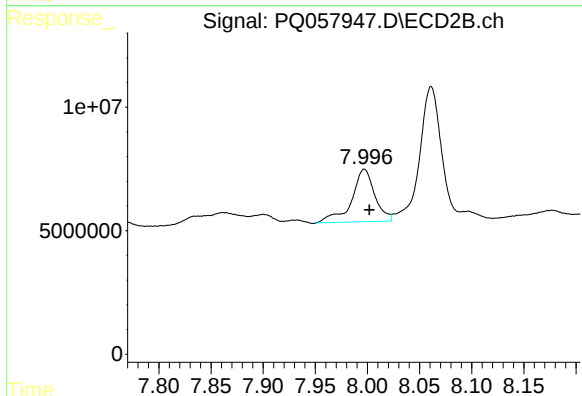
R.T.: 8.587 min
Delta R.T.: -0.006 min
Response: 25041995
Conc: 56.17 ng/ml



#41 AR-1268-1

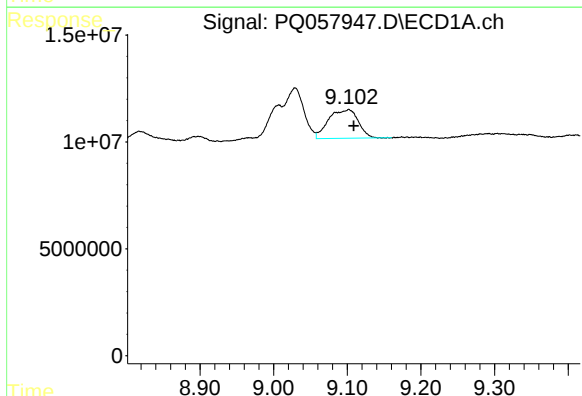
R.T.: 9.007 min
Delta R.T.: 0.001 min
Response: 19696571
Conc: 12.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



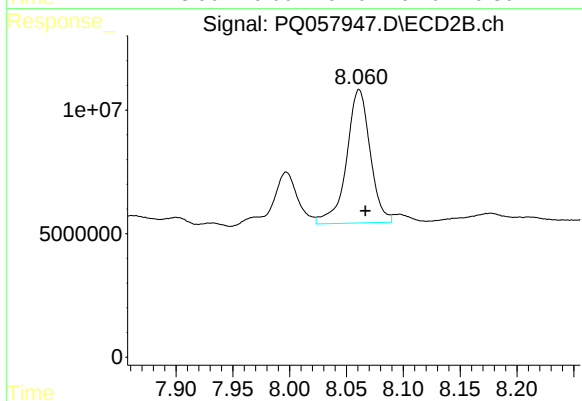
#41 AR-1268-1

R.T.: 7.997 min
Delta R.T.: -0.005 min
Response: 32964125
Conc: 20.56 ng/ml



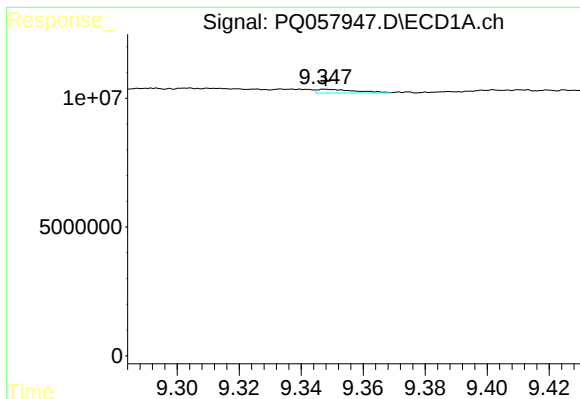
#42 AR-1268-2

R.T.: 9.102 min
Delta R.T.: -0.007 min
Response: 37396392
Conc: 21.97 ng/ml



#42 AR-1268-2

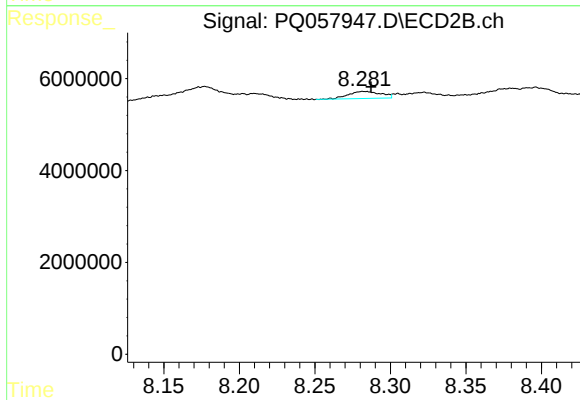
R.T.: 8.061 min
Delta R.T.: -0.006 min
Response: 78084328
Conc: 51.59 ng/ml



#43 AR-1268-3

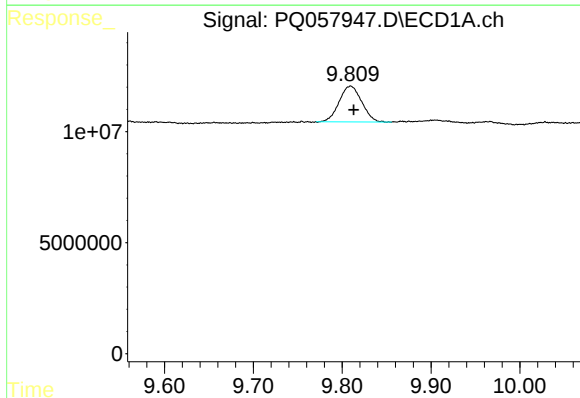
R.T.: 9.348 min
Delta R.T.: 0.000 min
Response: 1307733
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



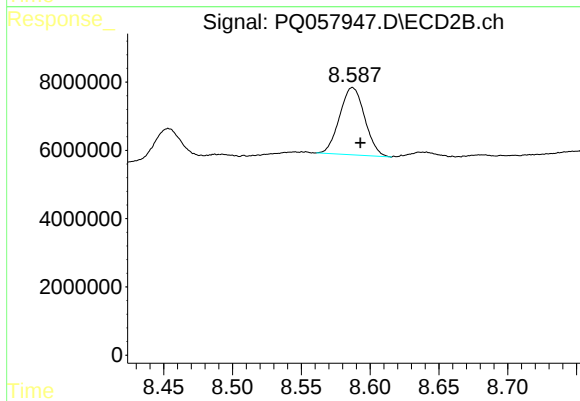
#43 AR-1268-3

R.T.: 8.283 min
Delta R.T.: -0.005 min
Response: 2307997
Conc: 1.93 ng/ml



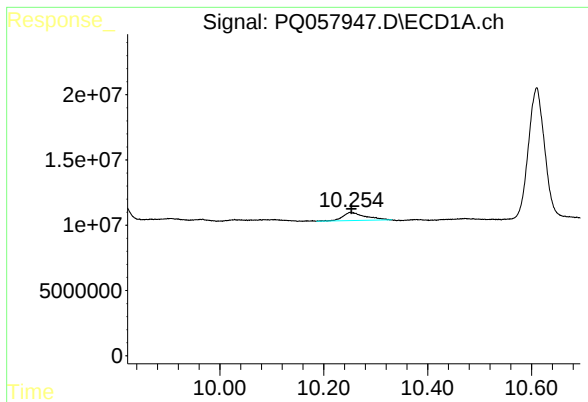
#44 AR-1268-4

R.T.: 9.809 min
Delta R.T.: -0.004 min
Response: 28505280
Conc: 48.04 ng/ml



#44 AR-1268-4

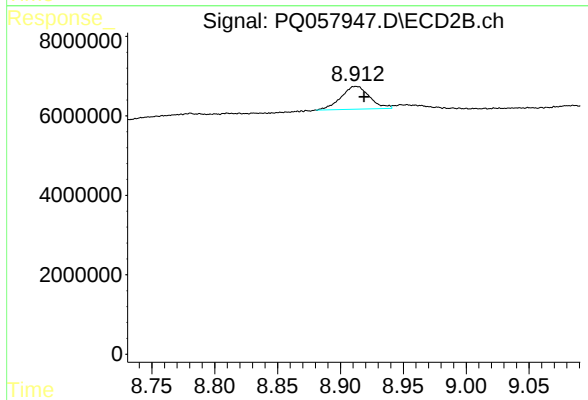
R.T.: 8.587 min
Delta R.T.: -0.006 min
Response: 25041995
Conc: 50.28 ng/ml



#45 AR-1268-5

R.T.: 10.252 min
Delta R.T.: -0.001 min
Response: 18752263
Conc: 3.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.912 min
Delta R.T.: -0.006 min
Response: 9085758
Conc: 2.30 ng/ml