

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082521\
 Data File : PQ054286.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 10:43
 Operator : AJ\MA
 Sample : PB138703BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 13:10:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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...	5.203	4.210	425.3E6	253.1E6	18.211	17.905
2)	SA Decachlor...	11.375	9.542	319.3E6	278.3E6	18.976	22.067
Target Compounds							
3)	L1 AR-1016-1	0.000	5.493f	0	2316587	N.D.	5.117 #
4)	L1 AR-1016-2	0.000	5.493	0	2316587	N.D.	3.125 #
5)	L1 AR-1016-3	0.000	5.688	0	244469	N.D.	0.678 #
6)	L1 AR-1016-4	0.000	5.751f	0	1085568	N.D.	3.803 #
7)	L1 AR-1016-5	0.000	5.963	0	1552518	N.D.	4.261 #
8)	L2 AR-1221-1	5.424f	4.468	3582712	922031	14.808	6.471 #
9)	L2 AR-1221-2	5.561	4.567	20254100	7192115	111.811	68.177 #
10)	L2 AR-1221-3	0.000	4.641	0	2780301	N.D.	7.923 #
11)	L3 AR-1232-1	0.000	4.641	0	2780301	N.D.	11.911 #
12)	L3 AR-1232-2	0.000	5.493	0	2316587	N.D.	7.999 #
13)	L3 AR-1232-3	0.000	5.688	0	244469	N.D.	1.843 #
14)	L3 AR-1232-4	0.000	5.791	0	211061	N.D.	1.850 #
15)	L3 AR-1232-5	6.816	5.963	1366279	1552518	8.407	12.081 #
16)	L4 AR-1242-1	0.000	5.493f	0	2316587	N.D.	8.520 #
17)	L4 AR-1242-2	0.000	5.493	0	2316587	N.D.	4.922 #
18)	L4 AR-1242-3	0.000	5.688	0	244469	N.D.	1.108 #
19)	L4 AR-1242-4	0.000	5.791	0	211061	N.D.	0.976 #
20)	L4 AR-1242-5	0.000	6.341	0	694199	N.D.	2.340 #
21)	L5 AR-1248-1	0.000	5.493f	0	2316587	N.D.	10.268 #
22)	L5 AR-1248-2	6.816	5.751f	1366279	1085568	2.608	3.308 #
23)	L5 AR-1248-3	0.000	5.791	0	211061	N.D.	0.638 #
24)	L5 AR-1248-4	0.000	5.963	0	1552518	N.D.	3.912 #
25)	L5 AR-1248-5	0.000	6.380	0	578551	N.D.	1.452 #
26)	L6 AR-1254-1	0.000	6.341	0	694199	N.D.	1.038 #
27)	L6 AR-1254-2	0.000	6.505	0	477446	N.D.	0.776 #
28)	L6 AR-1254-3	8.077f	0.000	4199065	0	3.570	N.D. #
29)	L6 AR-1254-4	0.000	7.151	0	9057010	N.D.	13.590 #
30)	L6 AR-1254-5	0.000	7.589	0	9537362	N.D.	9.779 #
31)	L7 AR-1260-1	0.000	7.059	0	12173784	N.D.	16.241 #
32)	L7 AR-1260-2	8.494f	7.234f	6998900	5582190	6.164	5.344
33)	L7 AR-1260-3	0.000	7.404	0	3816254	N.D.	4.385 #
34)	L7 AR-1260-4	0.000	7.920f	0	28849552	N.D.	46.335 #
35)	L7 AR-1260-5	9.424	8.141	1057460	5037264	0.628	2.940 #
36)	L8 AR-1262-1	0.000	7.589	0	9537362	N.D.	21.104 #
37)	L8 AR-1262-2	9.424	8.141	1057460	5037264	0.586	2.675 #
38)	L8 AR-1262-3	0.000	8.457f	0	131909	N.D.	0.172 #
40)	L8 AR-1262-5	0.000	9.009	0	21838814	N.D.	37.840 #
41)	L9 AR-1268-1	0.000	8.457f	0	131909	N.D.	0.058 #
43)	L9 AR-1268-3	0.000	8.692	0	31843876	N.D.	19.049 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 13:10:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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
44) L9	AR-1268-4	0.000	9.009	0	21838814	N.D.	33.488 #
45) L9	AR-1268-5	11.013	9.288	2418785	20900718	0.444	4.436 #

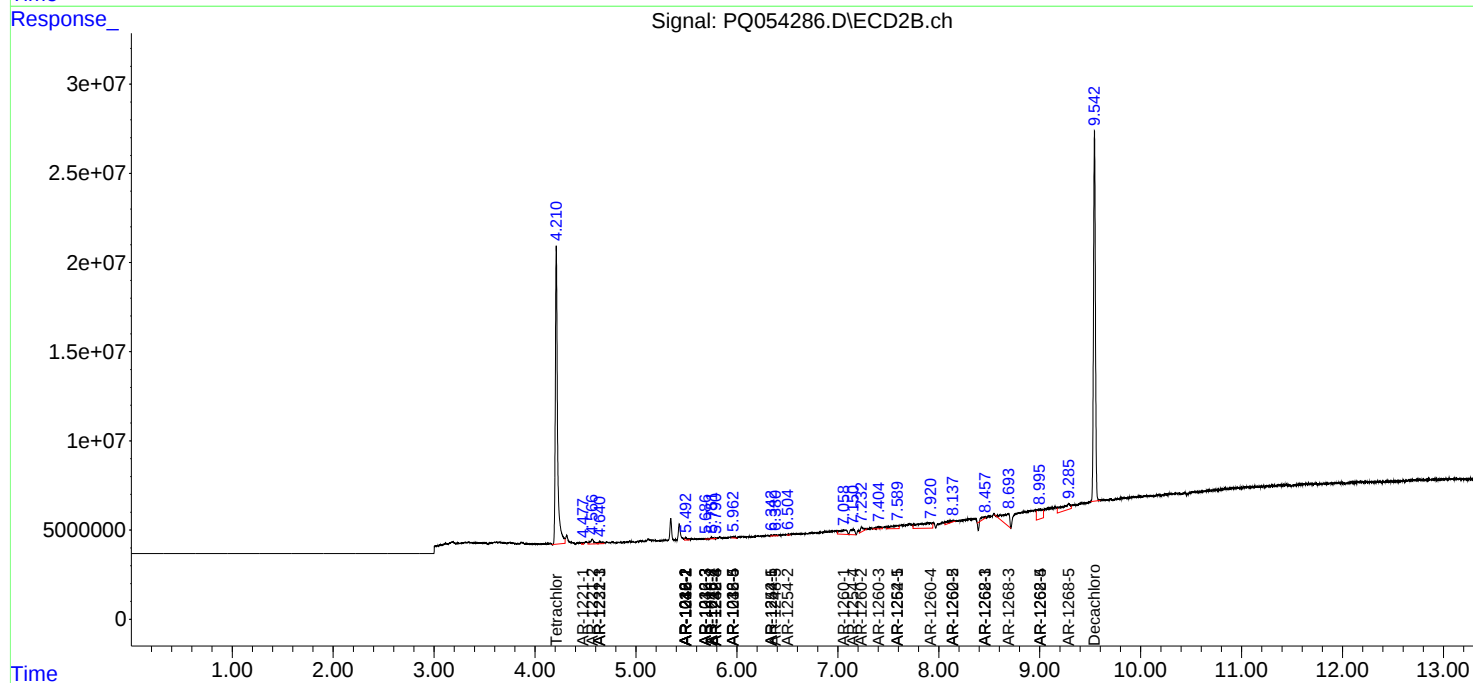
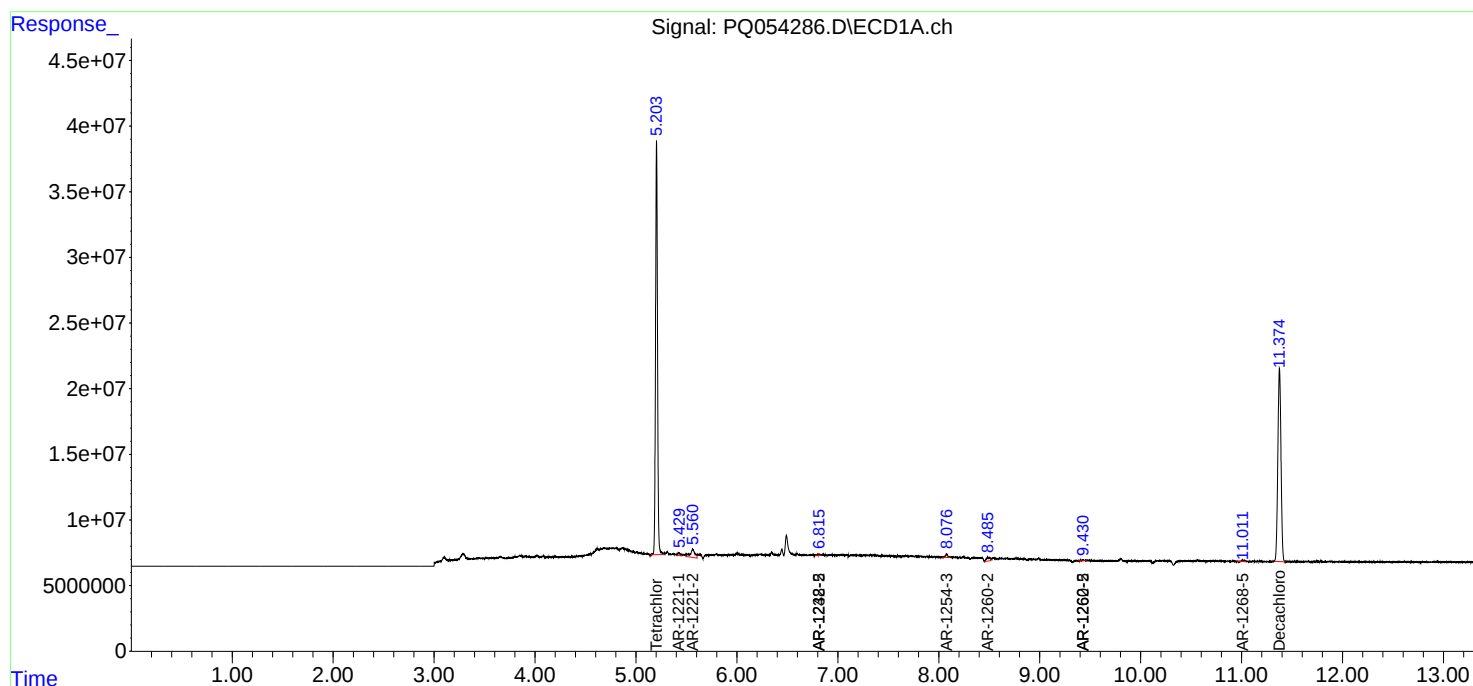
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

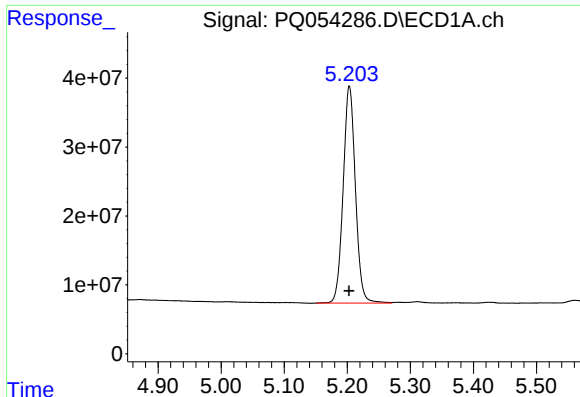
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

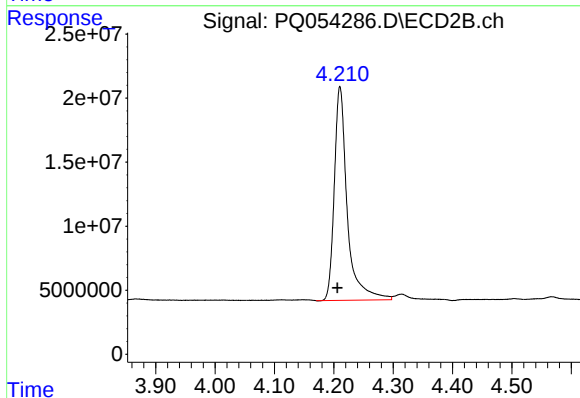




#1 Tetrachloro-m-xylene

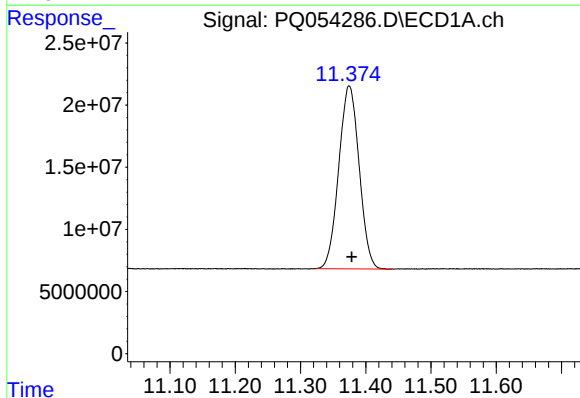
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 425281496
Conc: 18.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



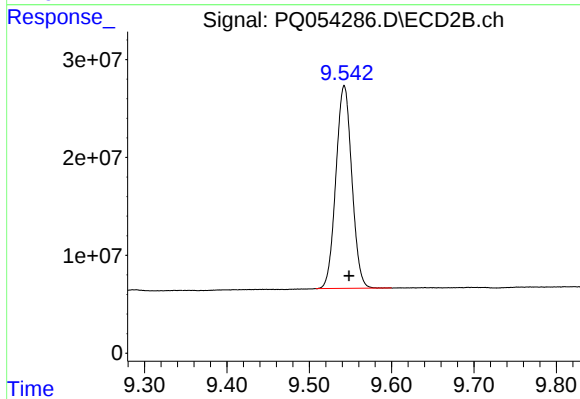
#1 Tetrachloro-m-xylene

R.T.: 4.210 min
Delta R.T.: 0.004 min
Response: 253120859
Conc: 17.90 ng/ml



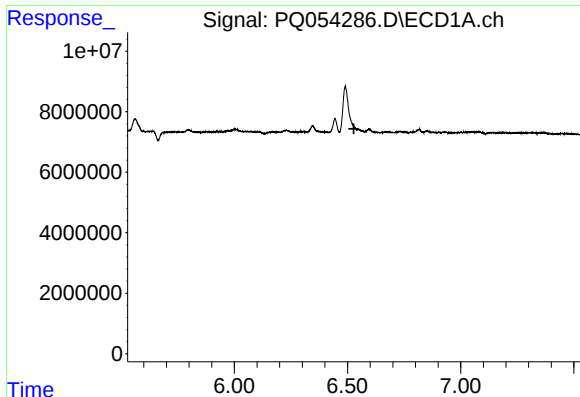
#2 Decachlorobiphenyl

R.T.: 11.375 min
Delta R.T.: -0.004 min
Response: 319281637
Conc: 18.98 ng/ml



#2 Decachlorobiphenyl

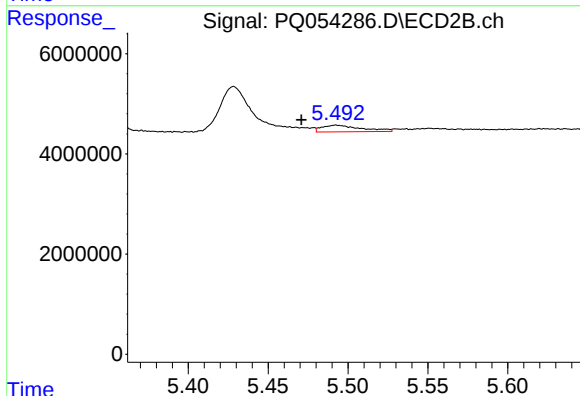
R.T.: 9.542 min
Delta R.T.: -0.006 min
Response: 278349444
Conc: 22.07 ng/ml



#3 AR-1016-1

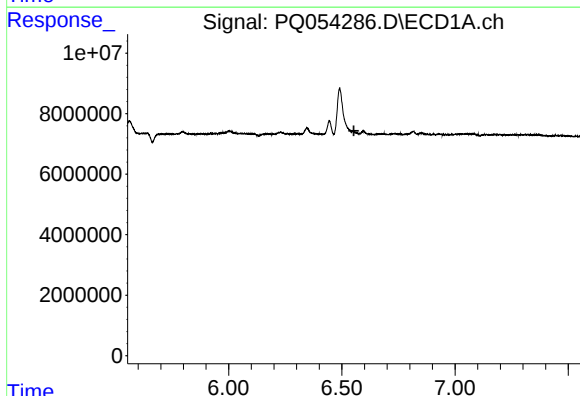
R.T.: 0.000 min
Exp R.T.: 6.528 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



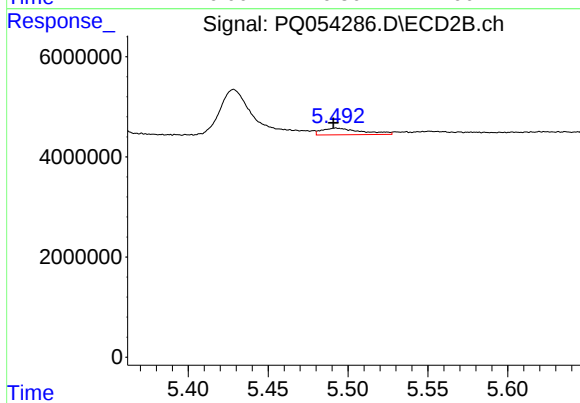
#3 AR-1016-1

R.T.: 5.493 min
Delta R.T.: 0.022 min
Response: 2316587
Conc: 5.12 ng/ml



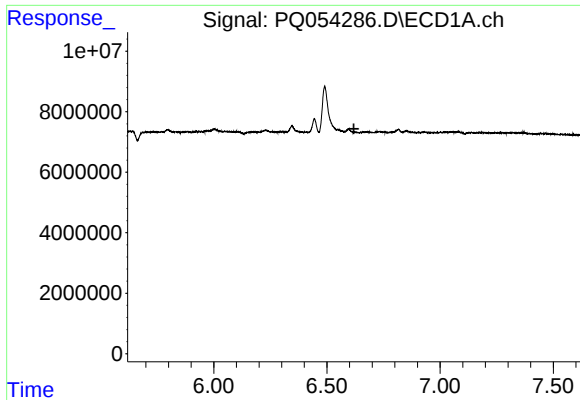
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.



#4 AR-1016-2

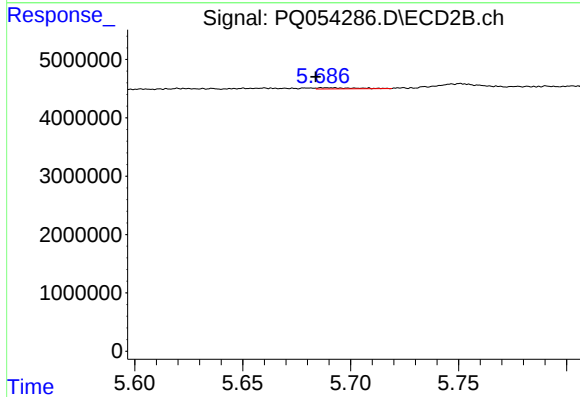
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 2316587
Conc: 3.13 ng/ml



#5 AR-1016-3

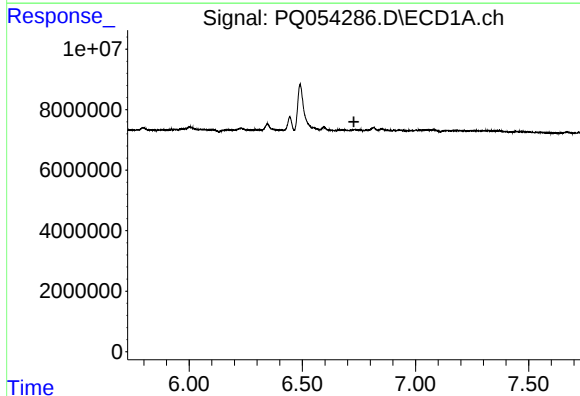
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



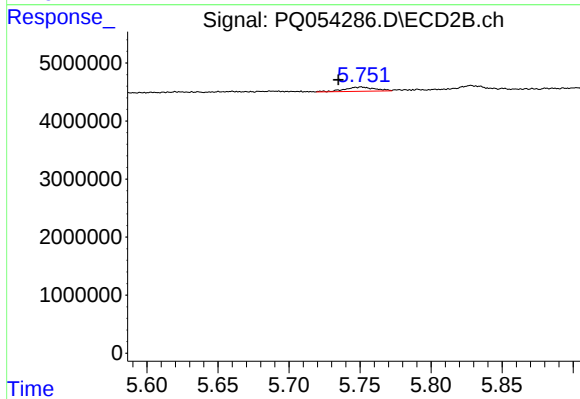
#5 AR-1016-3

R.T.: 5.688 min
Delta R.T.: 0.004 min
Response: 244469
Conc: 0.68 ng/ml



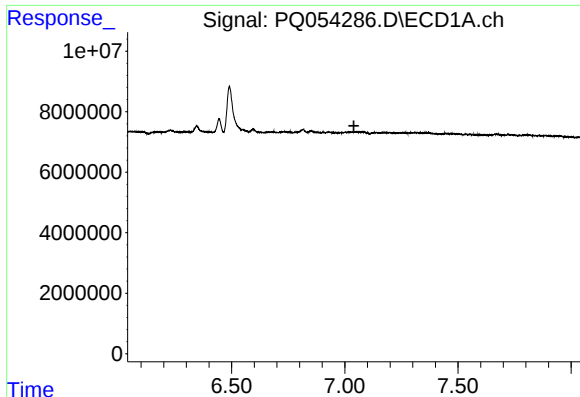
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

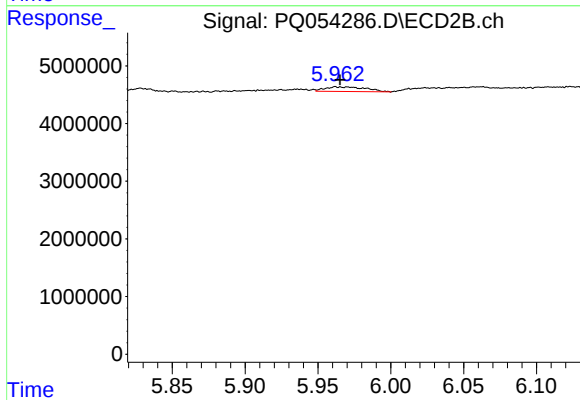
R.T.: 5.751 min
Delta R.T.: 0.016 min
Response: 1085568
Conc: 3.80 ng/ml



#7 AR-1016-5

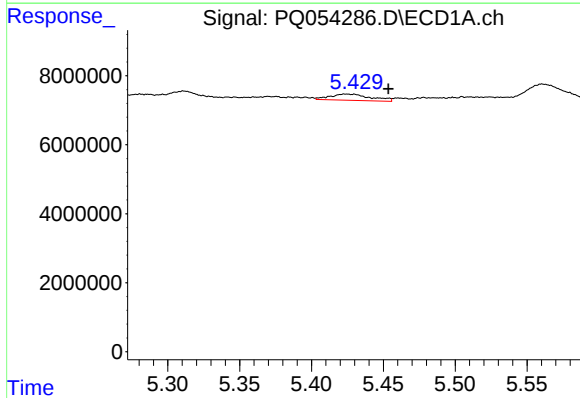
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



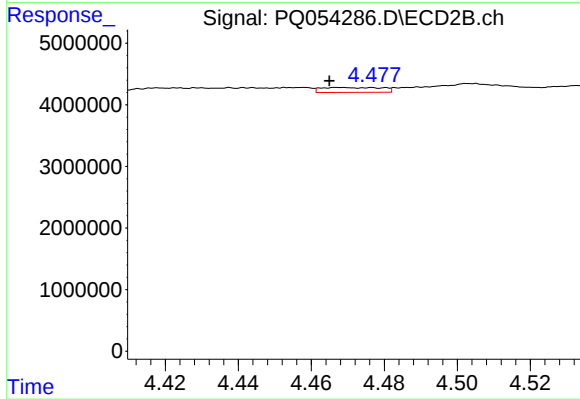
#7 AR-1016-5

R.T.: 5.963 min
Delta R.T.: -0.003 min
Response: 1552518
Conc: 4.26 ng/ml



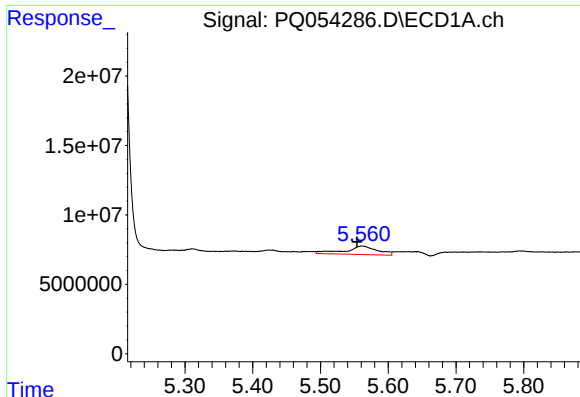
#8 AR-1221-1

R.T.: 5.424 min
Delta R.T.: -0.030 min
Response: 3582712
Conc: 14.81 ng/ml



#8 AR-1221-1

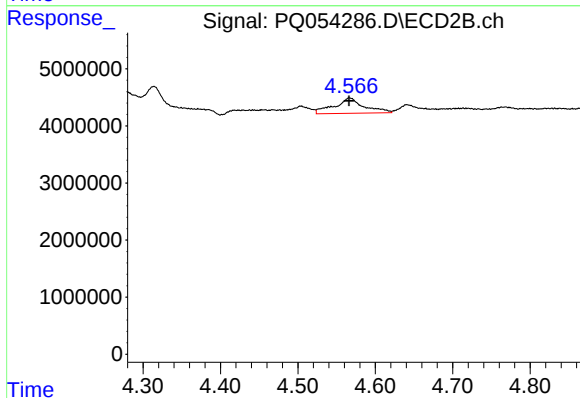
R.T.: 4.468 min
Delta R.T.: 0.003 min
Response: 922031
Conc: 6.47 ng/ml



#9 AR-1221-2

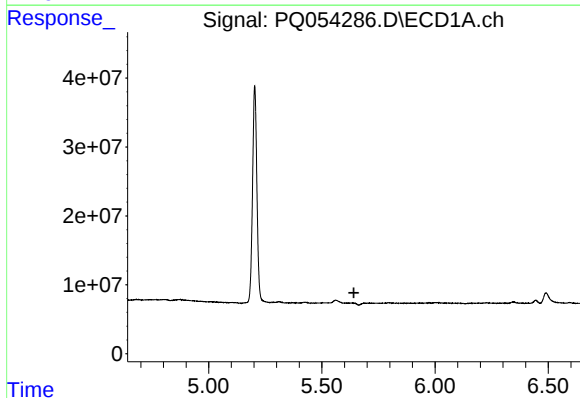
R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 20254100
Conc: 111.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



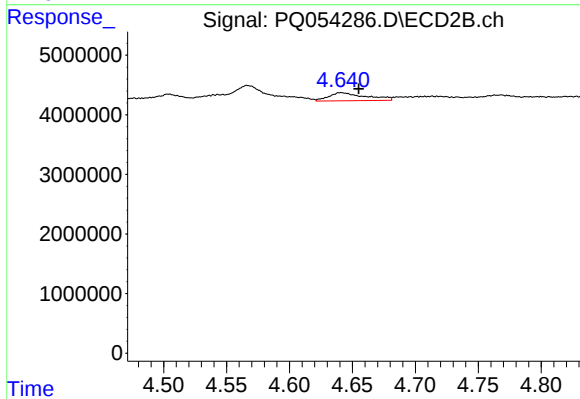
#9 AR-1221-2

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 7192115
Conc: 68.18 ng/ml



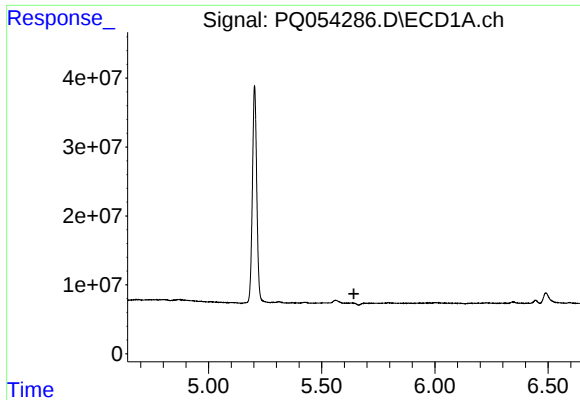
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.641 min
Response: 0
Conc: N.D.



#10 AR-1221-3

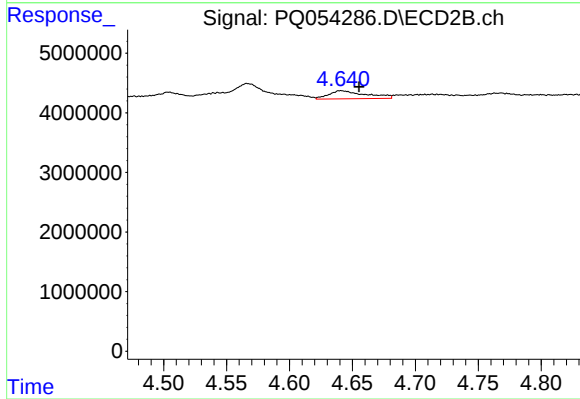
R.T.: 4.641 min
Delta R.T.: -0.014 min
Response: 2780301
Conc: 7.92 ng/ml



#11 AR-1232-1

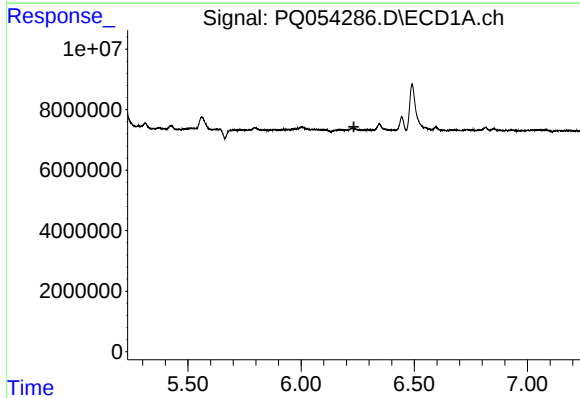
R.T.: 0.000 min
Exp R.T. : 5.642 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



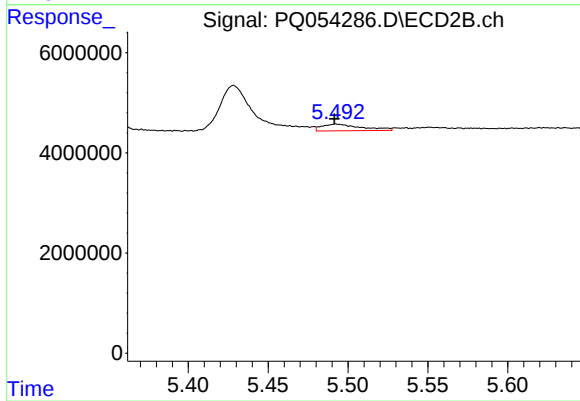
#11 AR-1232-1

R.T.: 4.641 min
Delta R.T.: -0.014 min
Response: 2780301
Conc: 11.91 ng/ml



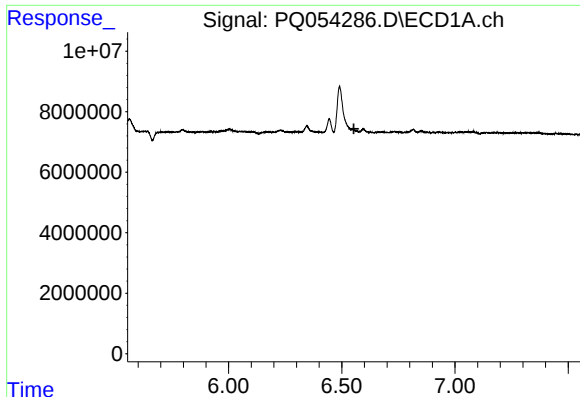
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.233 min
Response: 0
Conc: N.D.



#12 AR-1232-2

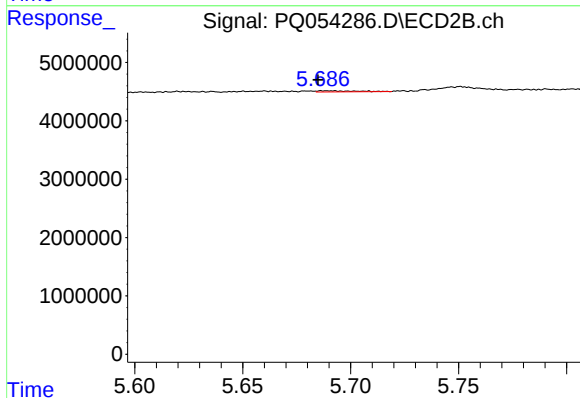
R.T.: 5.493 min
Delta R.T.: 0.001 min
Response: 2316587
Conc: 8.00 ng/ml



#13 AR-1232-3

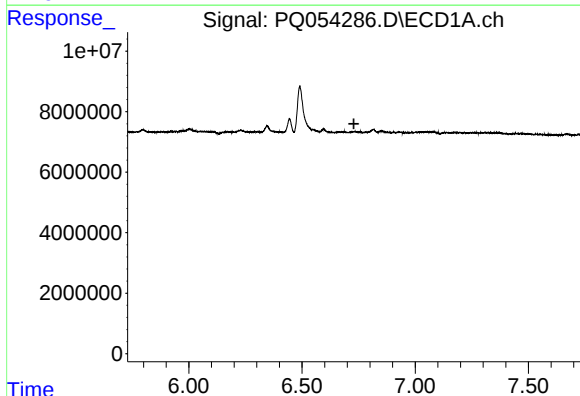
R.T.: 0.000 min
Exp R.T. : 6.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



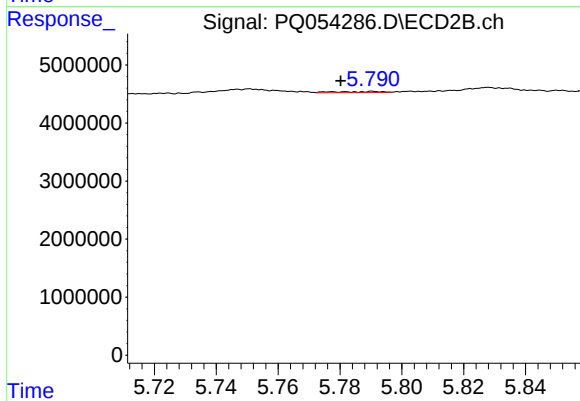
#13 AR-1232-3

R.T.: 5.688 min
Delta R.T.: 0.003 min
Response: 244469
Conc: 1.84 ng/ml



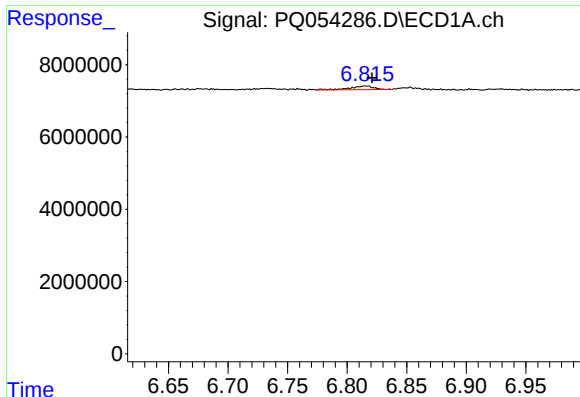
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



#14 AR-1232-4

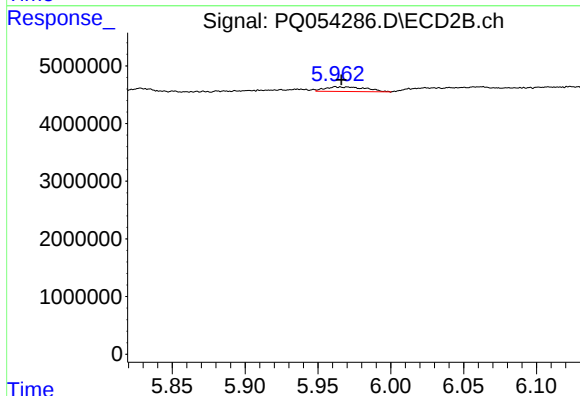
R.T.: 5.791 min
Delta R.T.: 0.011 min
Response: 211061
Conc: 1.85 ng/ml



#15 AR-1232-5

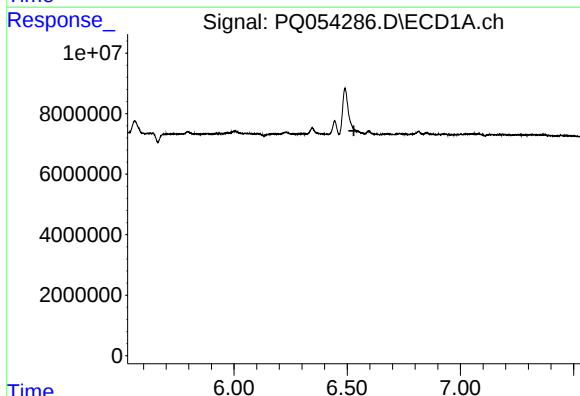
R.T.: 6.816 min
Delta R.T.: -0.005 min
Response: 1366279
Conc: 8.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



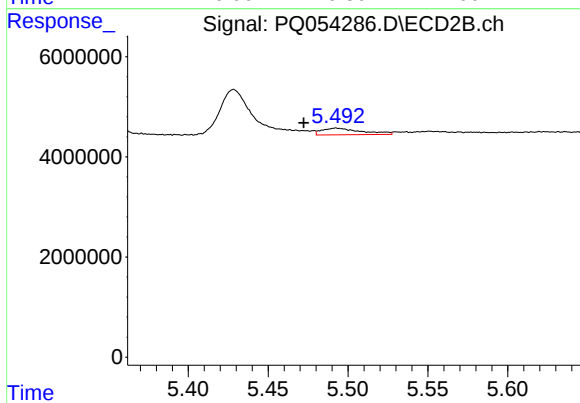
#15 AR-1232-5

R.T.: 5.963 min
Delta R.T.: -0.004 min
Response: 1552518
Conc: 12.08 ng/ml



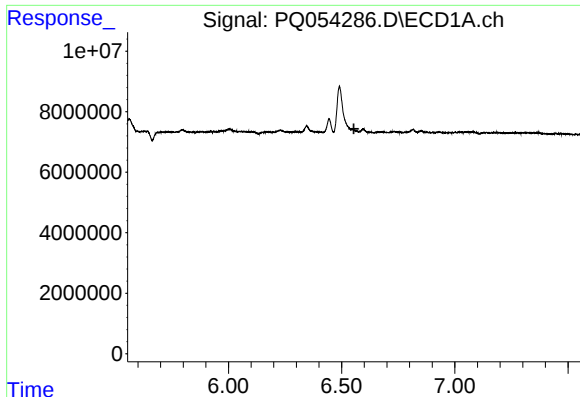
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.530 min
Response: 0
Conc: N.D.



#16 AR-1242-1

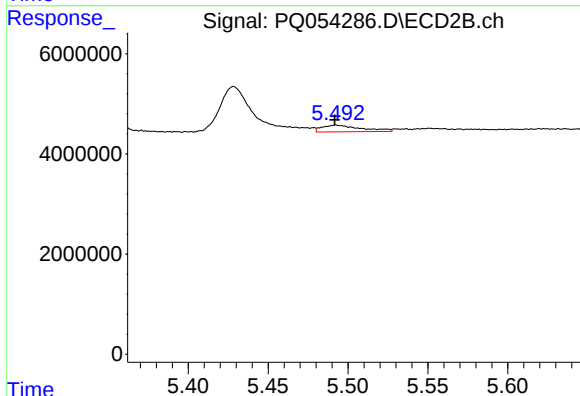
R.T.: 5.493 min
Delta R.T.: 0.020 min
Response: 2316587
Conc: 8.52 ng/ml



#17 AR-1242-2

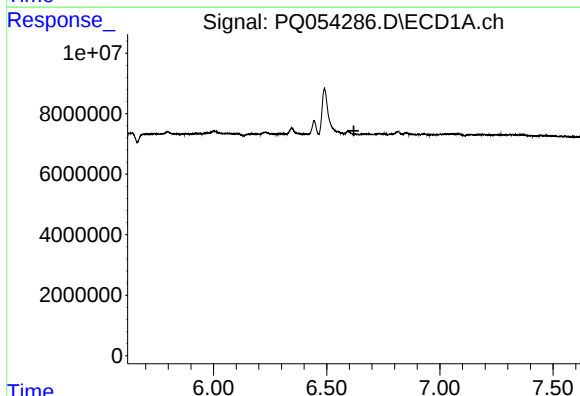
R.T.: 0.000 min
Exp R.T. : 6.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



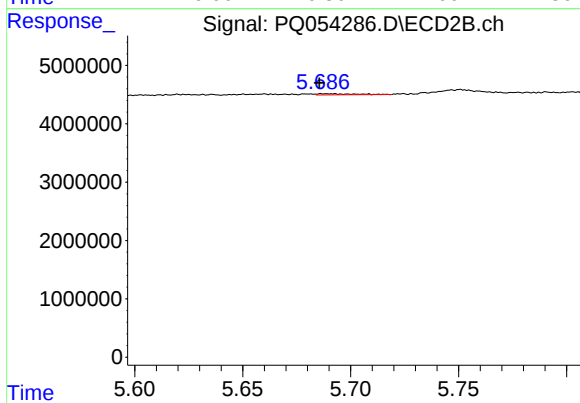
#17 AR-1242-2

R.T.: 5.493 min
Delta R.T.: 0.001 min
Response: 2316587
Conc: 4.92 ng/ml



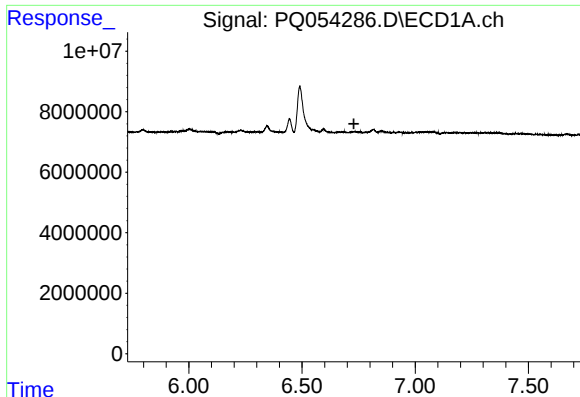
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.620 min
Response: 0
Conc: N.D.



#18 AR-1242-3

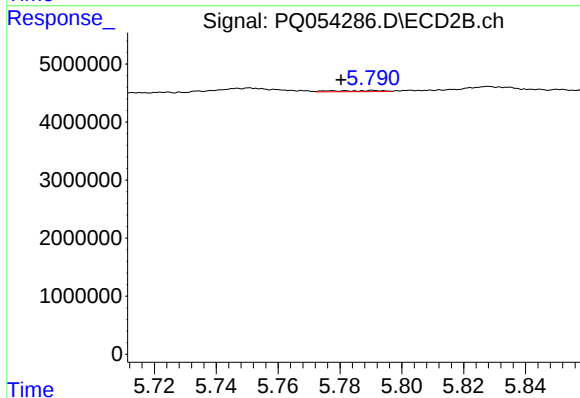
R.T.: 5.688 min
Delta R.T.: 0.003 min
Response: 244469
Conc: 1.11 ng/ml



#19 AR-1242-4

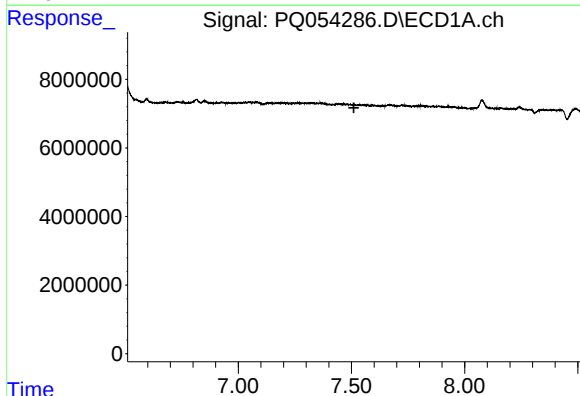
R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



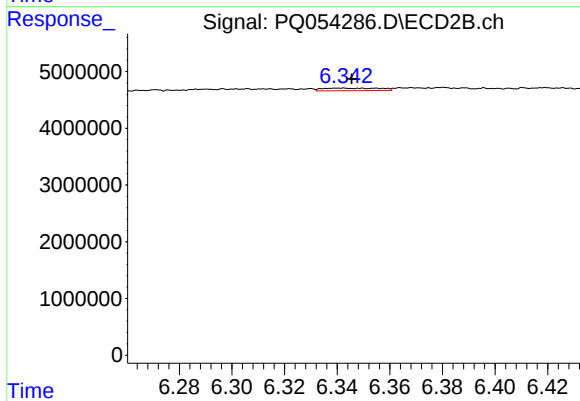
#19 AR-1242-4

R.T.: 5.791 min
Delta R.T.: 0.011 min
Response: 211061
Conc: 0.98 ng/ml



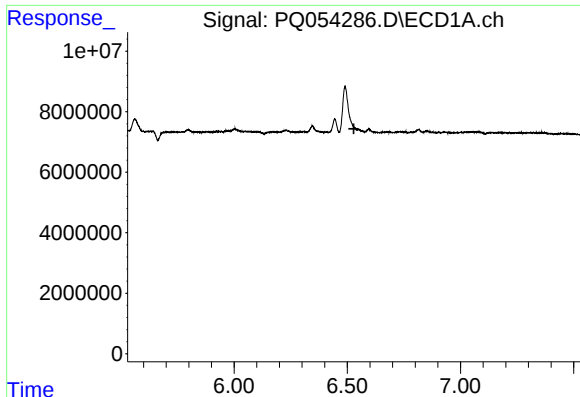
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.511 min
Response: 0
Conc: N.D.



#20 AR-1242-5

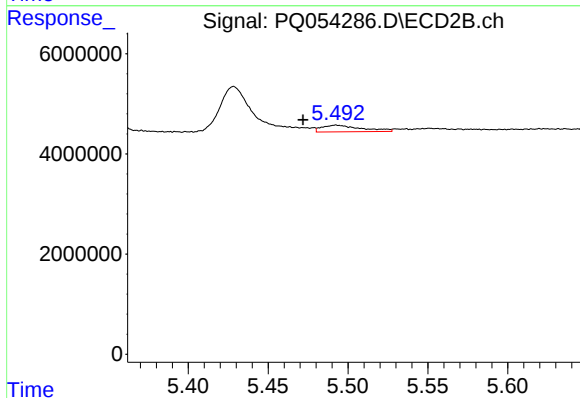
R.T.: 6.341 min
Delta R.T.: -0.004 min
Response: 694199
Conc: 2.34 ng/ml



#21 AR-1248-1

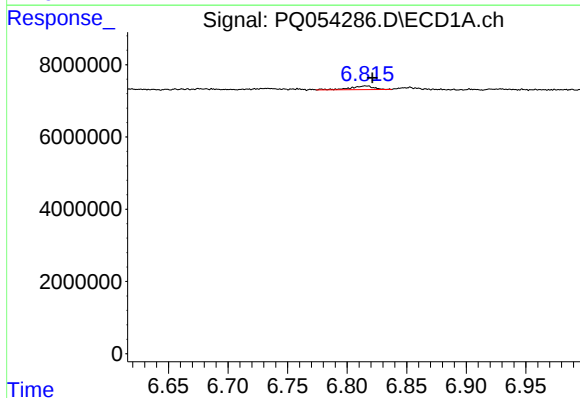
R.T.: 0.000 min
Exp R.T.: 6.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



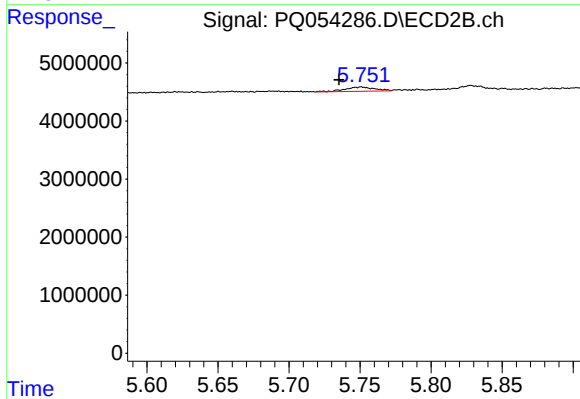
#21 AR-1248-1

R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 2316587
Conc: 10.27 ng/ml



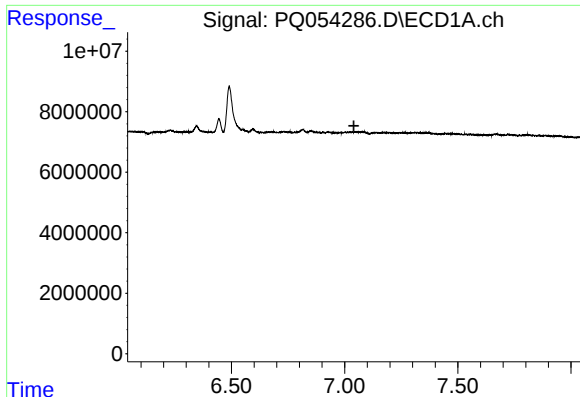
#22 AR-1248-2

R.T.: 6.816 min
Delta R.T.: -0.005 min
Response: 1366279
Conc: 2.61 ng/ml



#22 AR-1248-2

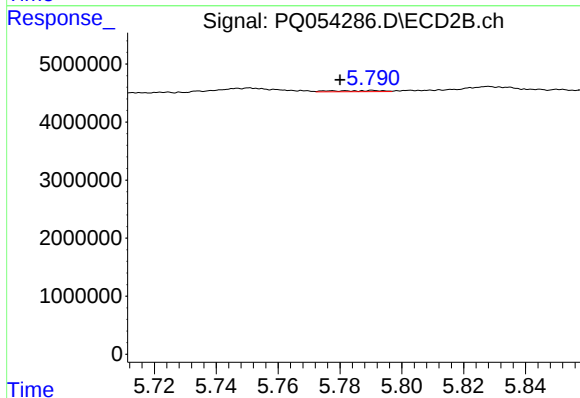
R.T.: 5.751 min
Delta R.T.: 0.016 min
Response: 1085568
Conc: 3.31 ng/ml



#23 AR-1248-3

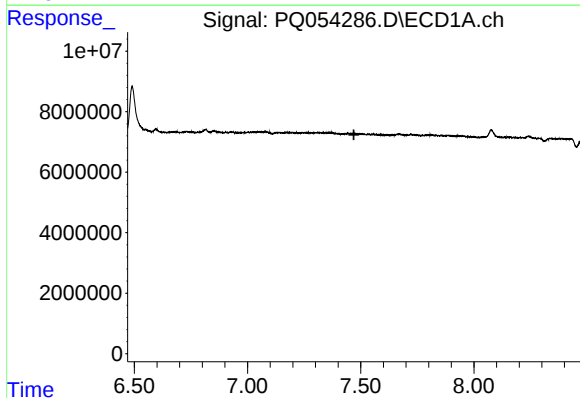
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



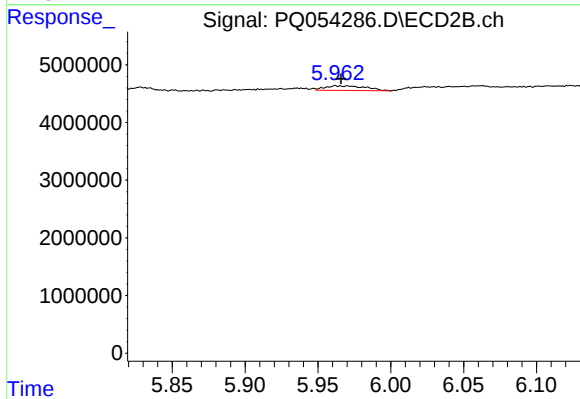
#23 AR-1248-3

R.T.: 5.791 min
Delta R.T.: 0.011 min
Response: 211061
Conc: 0.64 ng/ml



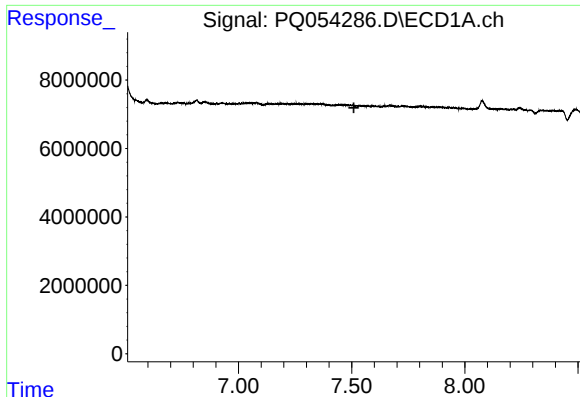
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 7.470 min
Response: 0
Conc: N.D.



#24 AR-1248-4

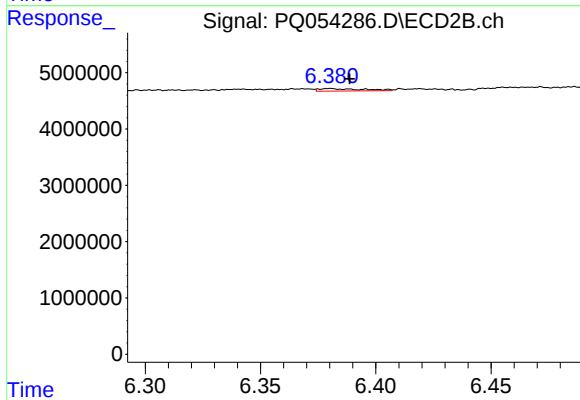
R.T.: 5.963 min
Delta R.T.: -0.003 min
Response: 1552518
Conc: 3.91 ng/ml



#25 AR-1248-5

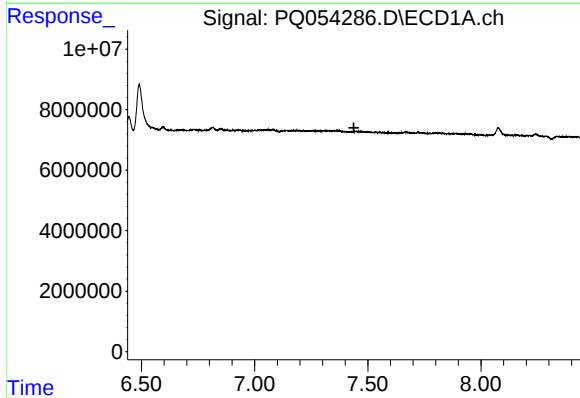
R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



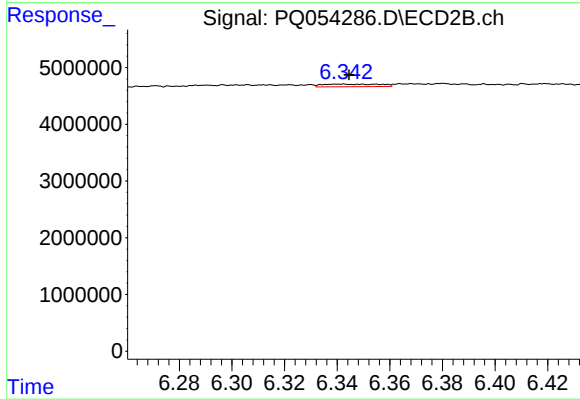
#25 AR-1248-5

R.T.: 6.380 min
Delta R.T.: -0.009 min
Response: 578551
Conc: 1.45 ng/ml



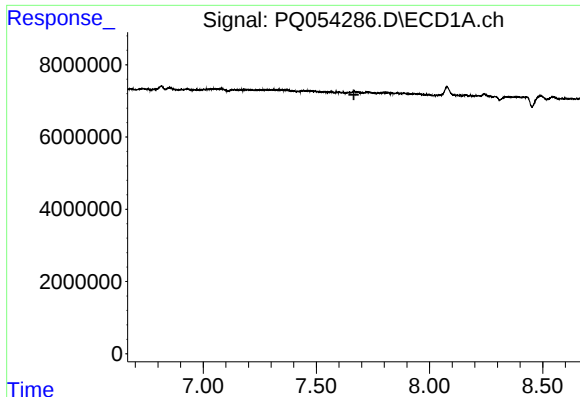
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 7.439 min
Response: 0
Conc: N.D.



#26 AR-1254-1

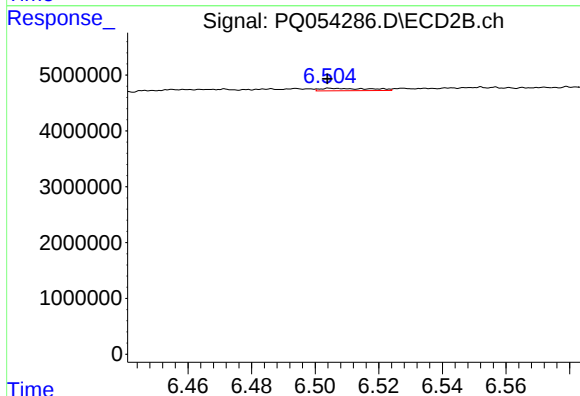
R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 694199
Conc: 1.04 ng/ml



#27 AR-1254-2

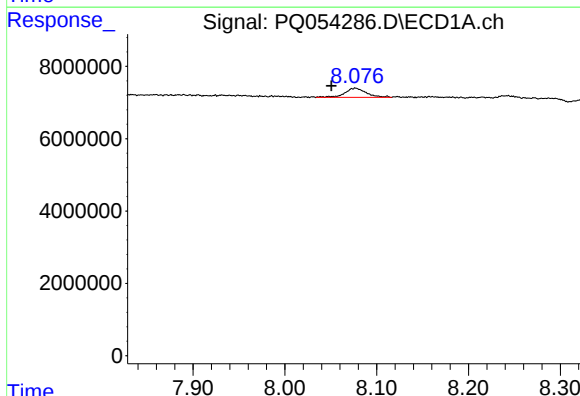
R.T.: 0.000 min
Exp R.T.: 7.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



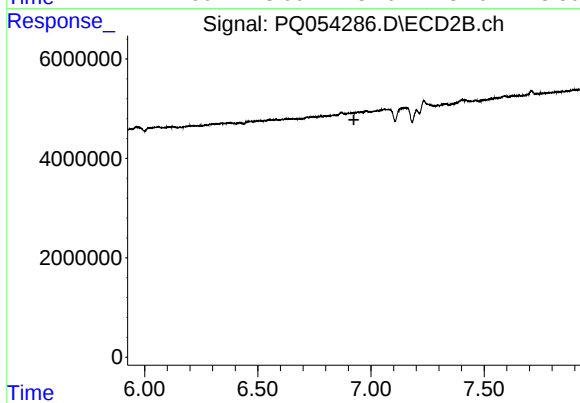
#27 AR-1254-2

R.T.: 6.505 min
Delta R.T.: 0.002 min
Response: 477446
Conc: 0.78 ng/ml



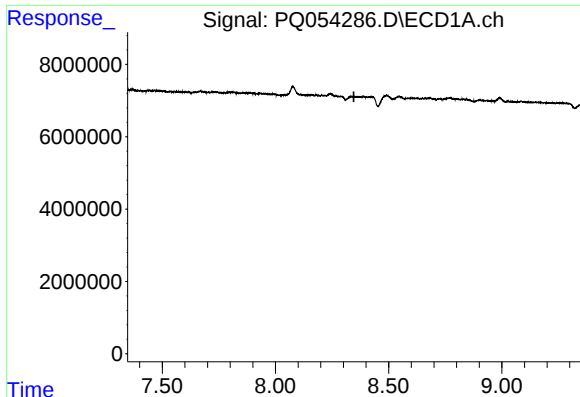
#28 AR-1254-3

R.T.: 8.077 min
Delta R.T.: 0.026 min
Response: 4199065
Conc: 3.57 ng/ml



#28 AR-1254-3

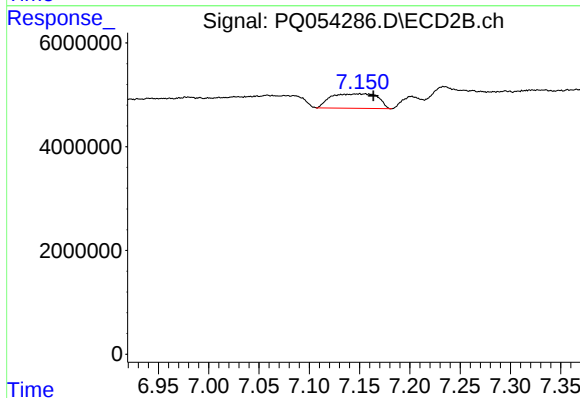
R.T.: 0.000 min
Exp R.T.: 6.925 min
Response: 0
Conc: N.D.



#29 AR-1254-4

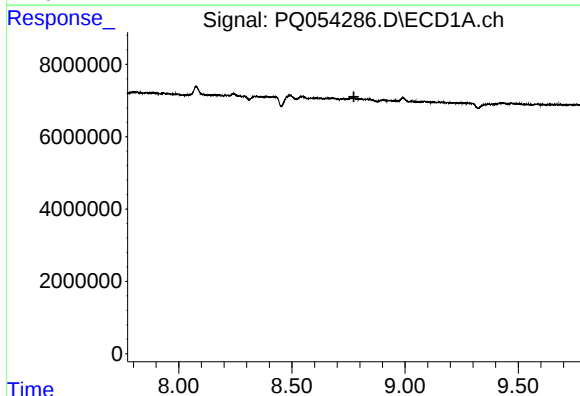
R.T.: 0.000 min
Exp R.T.: 8.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



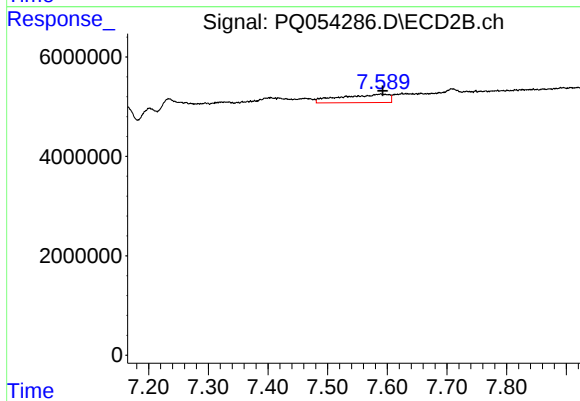
#29 AR-1254-4

R.T.: 7.151 min
Delta R.T.: -0.013 min
Response: 9057010
Conc: 13.59 ng/ml



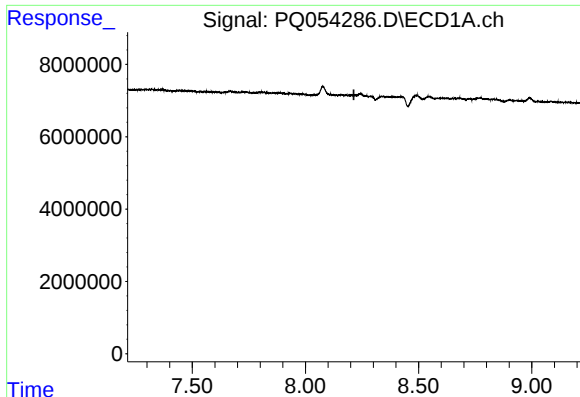
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 8.774 min
Response: 0
Conc: N.D.



#30 AR-1254-5

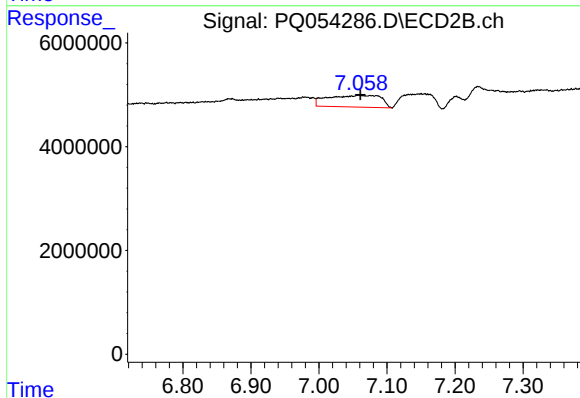
R.T.: 7.589 min
Delta R.T.: -0.003 min
Response: 9537362
Conc: 9.78 ng/ml



#31 AR-1260-1

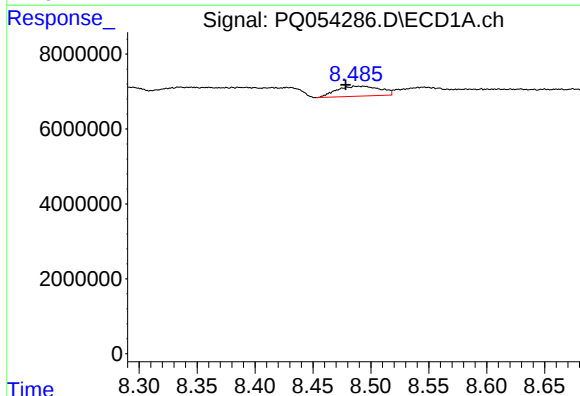
R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



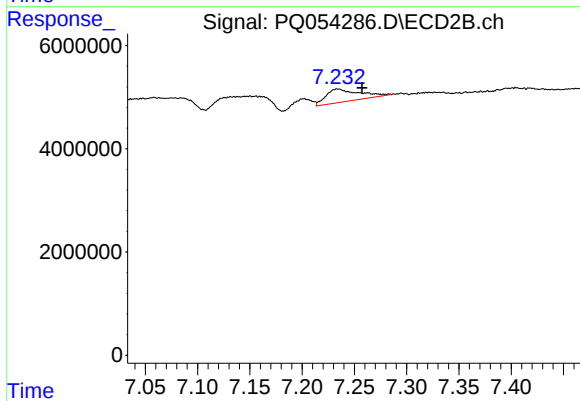
#31 AR-1260-1

R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 12173784
Conc: 16.24 ng/ml



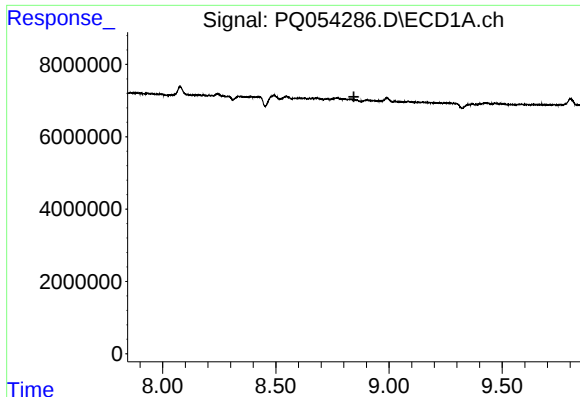
#32 AR-1260-2

R.T.: 8.494 min
Delta R.T.: 0.016 min
Response: 6998900
Conc: 6.16 ng/ml



#32 AR-1260-2

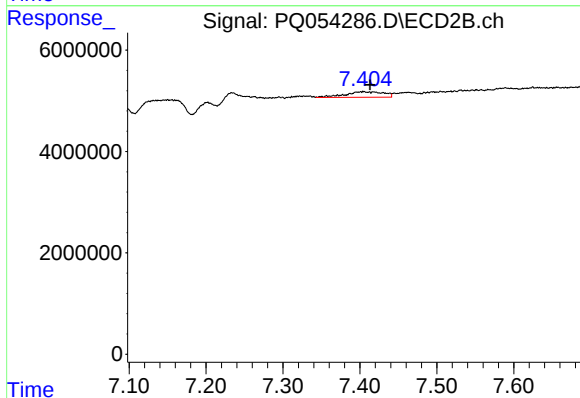
R.T.: 7.234 min
Delta R.T.: -0.023 min
Response: 5582190
Conc: 5.34 ng/ml



#33 AR-1260-3

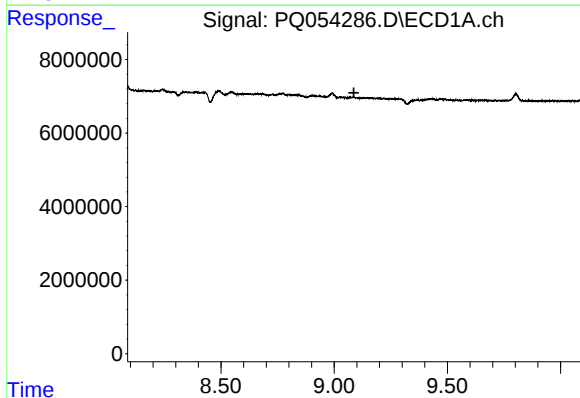
R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



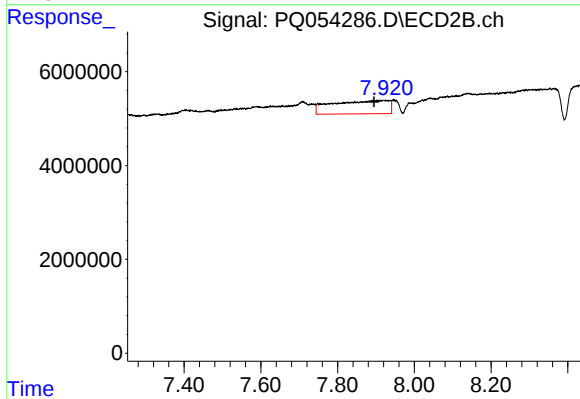
#33 AR-1260-3

R.T.: 7.404 min
Delta R.T.: -0.009 min
Response: 3816254
Conc: 4.39 ng/ml



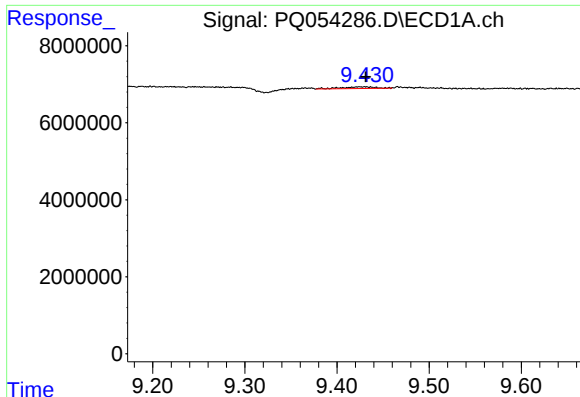
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.087 min
Response: 0
Conc: N.D.



#34 AR-1260-4

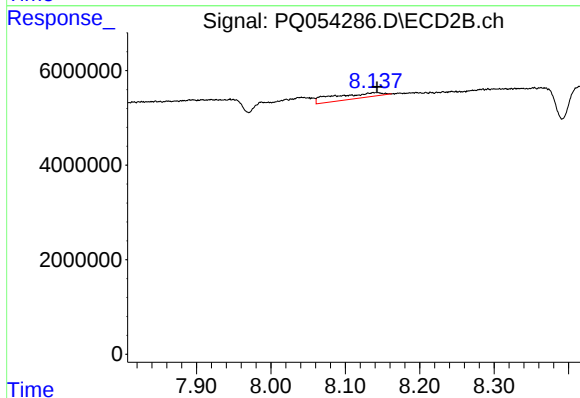
R.T.: 7.920 min
Delta R.T.: 0.025 min
Response: 28849552
Conc: 46.33 ng/ml



#35 AR-1260-5

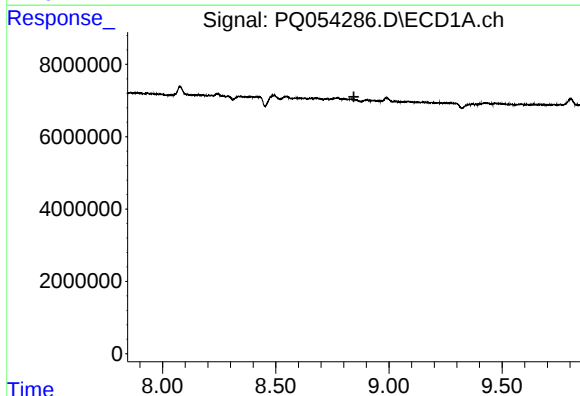
R.T.: 9.424 min
Delta R.T.: -0.007 min
Response: 1057460
Conc: 0.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



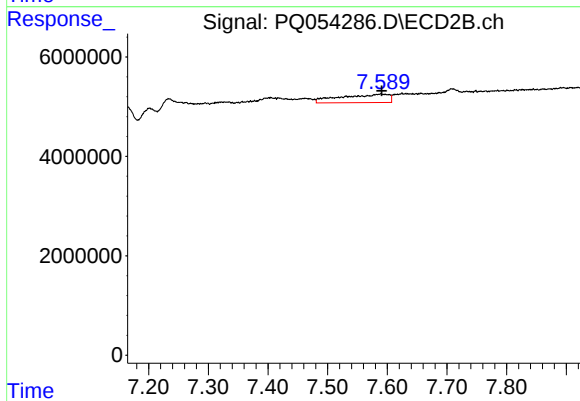
#35 AR-1260-5

R.T.: 8.141 min
Delta R.T.: -0.002 min
Response: 5037264
Conc: 2.94 ng/ml



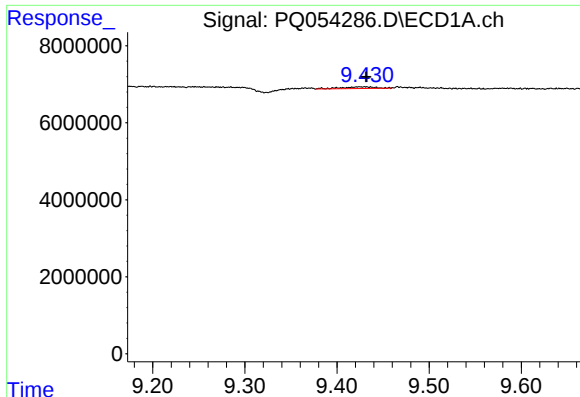
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.



#36 AR-1262-1

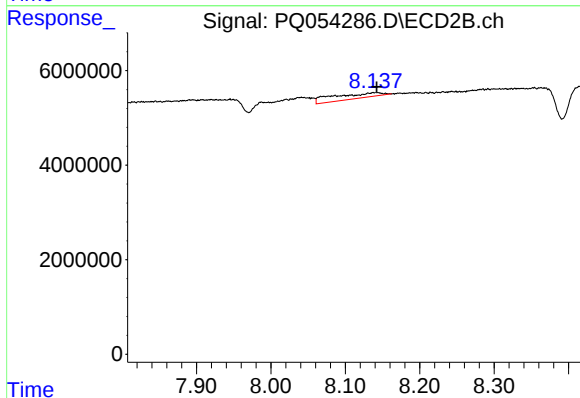
R.T.: 7.589 min
Delta R.T.: -0.002 min
Response: 9537362
Conc: 21.10 ng/ml



#37 AR-1262-2

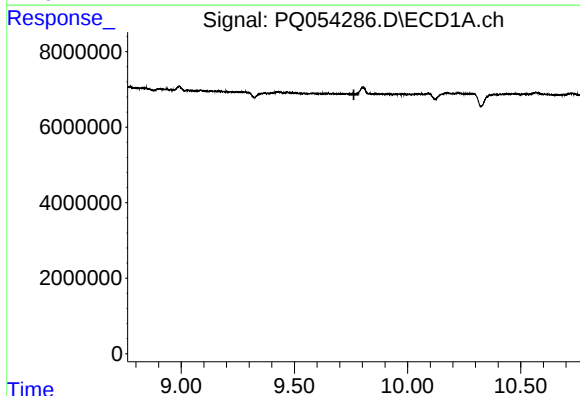
R.T.: 9.424 min
Delta R.T.: -0.007 min
Response: 1057460
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



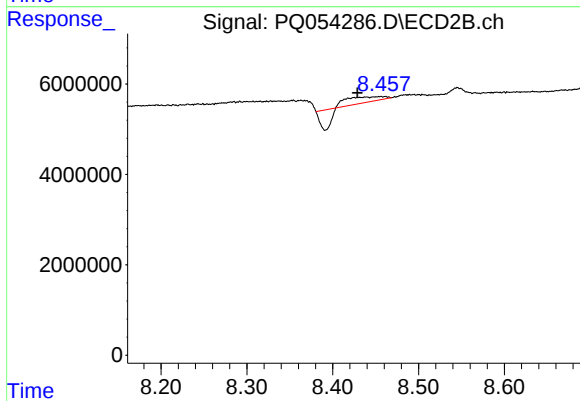
#37 AR-1262-2

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 5037264
Conc: 2.67 ng/ml



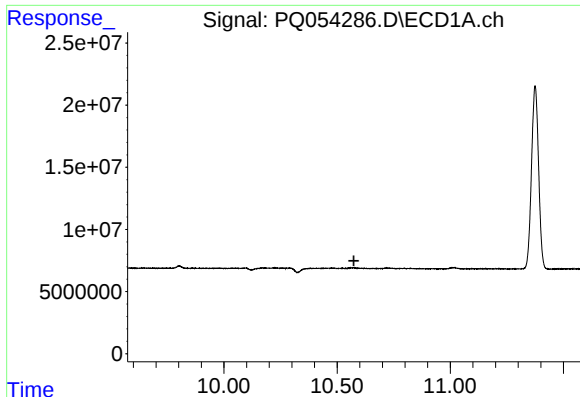
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.763 min
Response: 0
Conc: N.D.



#38 AR-1262-3

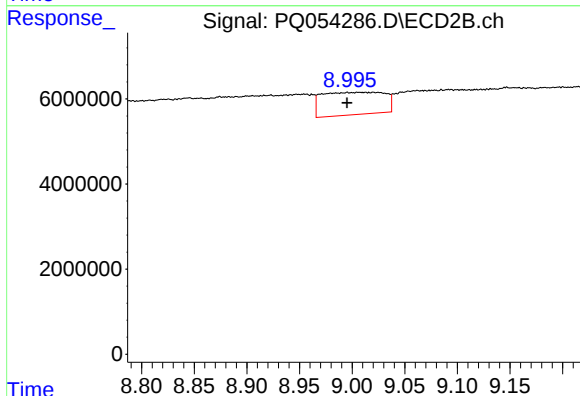
R.T.: 8.457 min
Delta R.T.: 0.028 min
Response: 131909
Conc: 0.17 ng/ml



#40 AR-1262-5

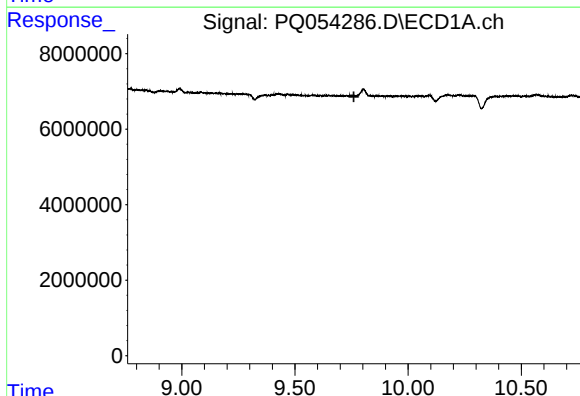
R.T.: 0.000 min
Exp R.T.: 10.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



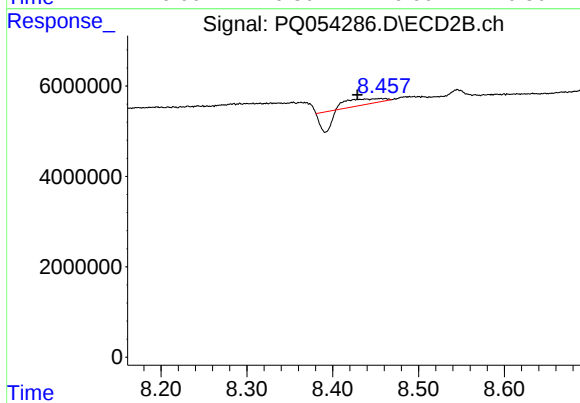
#40 AR-1262-5

R.T.: 9.009 min
Delta R.T.: 0.013 min
Response: 21838814
Conc: 37.84 ng/ml



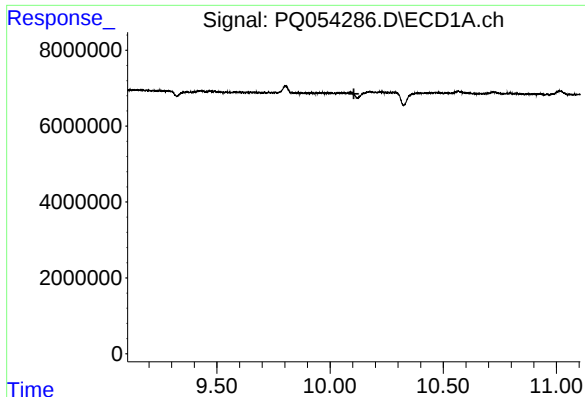
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.760 min
Response: 0
Conc: N.D.



#41 AR-1268-1

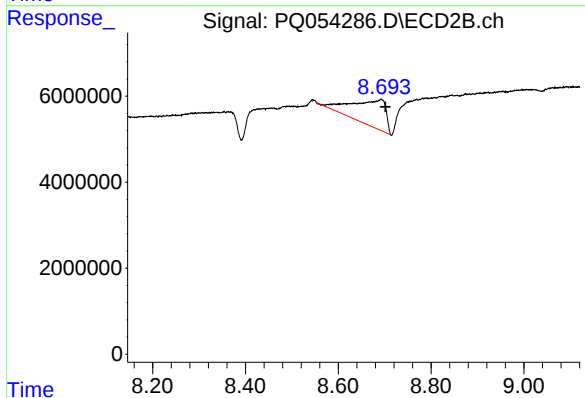
R.T.: 8.457 min
Delta R.T.: 0.029 min
Response: 131909
Conc: 0.06 ng/ml



#43 AR-1268-3

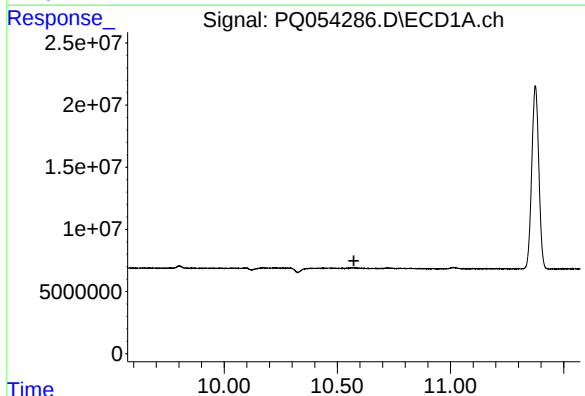
R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



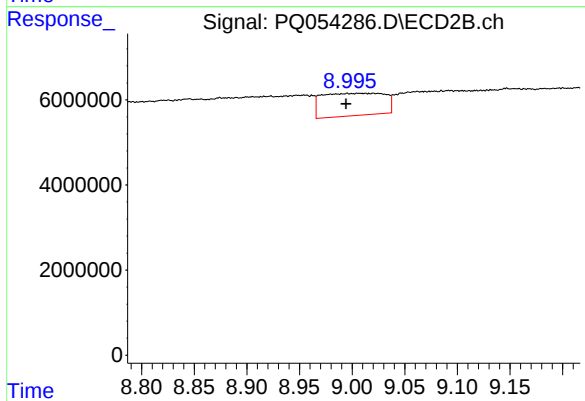
#43 AR-1268-3

R.T.: 8.692 min
Delta R.T.: -0.010 min
Response: 31843876
Conc: 19.05 ng/ml



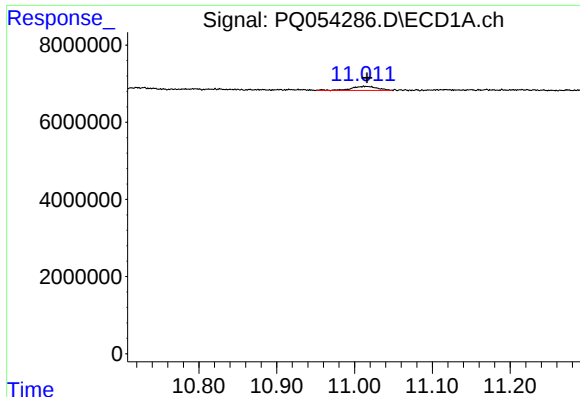
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.573 min
Response: 0
Conc: N.D.



#44 AR-1268-4

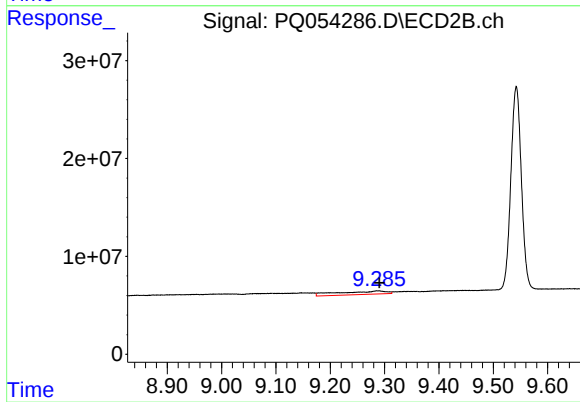
R.T.: 9.009 min
Delta R.T.: 0.014 min
Response: 21838814
Conc: 33.49 ng/ml



#45 AR-1268-5

R.T.: 11.013 min
Delta R.T.: -0.003 min
Response: 2418785
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.288 min
Delta R.T.: -0.003 min
Response: 20900718
Conc: 4.44 ng/ml