

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071923\
 Data File : PQ062378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2023 08:54
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 16:15:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 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...	3.427	2.774	104825	221377	0.021	0.088 #
2)	SA Decachlor...	8.587	0.000	526829	0	0.145	N.D. #
Target Compounds							
5)	L1 AR-1016-3	4.589	3.945	455806	154005	2.991	2.041 #
6)	L1 AR-1016-4	4.715f	3.986	263808	447523	2.105	6.814 #
7)	L1 AR-1016-5	4.953	4.187	1299053	3827110	10.673	46.683 #
8)	L2 AR-1221-1	3.591	2.961	115293	66499	1.918	2.015
9)	L2 AR-1221-2	3.685	3.042	276674	91191	6.158	3.590 #
10)	L2 AR-1221-3	3.752	3.112	667322	411619	4.749	5.339
11)	L3 AR-1232-1	3.752	3.112	667322	411619	6.319	7.184
12)	L3 AR-1232-2	4.238	3.775	250684	66730	4.238	1.003 #
14)	L3 AR-1232-4	4.715f	4.011	263808	2697679	4.655	90.709 #
15)	L3 AR-1232-5	4.756	4.187	200112	3827110	4.997	107.320 #
18)	L4 AR-1242-3	4.589	3.945	455806	154005	3.772	2.629 #
19)	L4 AR-1242-4	4.715f	4.011	263808	2697679	2.706	46.013 #
20)	L4 AR-1242-5	5.372	4.506	6106295	1465745	63.787	17.682 #
22)	L5 AR-1248-2	4.756	3.986	200112	447523	1.393	4.773 #
23)	L5 AR-1248-3	4.953	4.011	1299053	2697679	7.478	29.794 #
24)	L5 AR-1248-4	5.340	4.187	15349459	3827110	79.974	33.916 #
25)	L5 AR-1248-5	5.372	4.554	6106295	1042053	33.714	9.301 #
26)	L6 AR-1254-1	5.340	4.506	15349459	1465745	82.603	9.078 #
27)	L6 AR-1254-2	5.567	4.661	172073	333565	0.592	2.266 #
28)	L6 AR-1254-3	5.892	5.045	1028433	675067	3.348	2.889
29)	L6 AR-1254-4	0.000	5.261	0	2226426	N.D.	14.608 #
30)	L6 AR-1254-5	0.000	5.671	0	1063883	N.D.	4.610 #
31)	L7 AR-1260-1	6.017f	5.169	181902	3920592	0.771	23.540 #
32)	L7 AR-1260-2	6.312	5.358	1276436	2718625	4.420	13.074 #
33)	L7 AR-1260-3	6.698	5.527	668478	3362457	3.786	17.282 #
34)	L7 AR-1260-4	6.933f	5.947	346418	785408	1.645	5.385 #
35)	L7 AR-1260-5	0.000	6.210	0	475538	N.D.	1.432 #
36)	L8 AR-1262-1	6.698	5.709	668478	557632	2.192	2.399
37)	L8 AR-1262-2	0.000	5.947	0	785408	N.D.	3.633 #
38)	L8 AR-1262-3	7.472	6.486	428010	139879	1.215	0.802 #
39)	L8 AR-1262-4	7.532	6.548	314797	92201	1.180	0.286 #
40)	L8 AR-1262-5	8.043	7.041	4929959	602245	27.773	3.883 #
41)	L9 AR-1268-1	7.472	6.486	428010	139879	0.754	0.297 #
42)	L9 AR-1268-2	7.532	6.548	314797	92201	0.617	0.218 #
43)	L9 AR-1268-3	0.000	6.776	0	484753	N.D.	1.316 #
44)	L9 AR-1268-4	8.043	7.041	4929959	602245	26.942	3.766 #
45)	L9 AR-1268-5	8.351	7.279f	6385392	1356223	5.065	1.162 #

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Instrument :
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QLast Update : Tue Jul 04 05:32:27 2023
Response via : Initial Calibration
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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

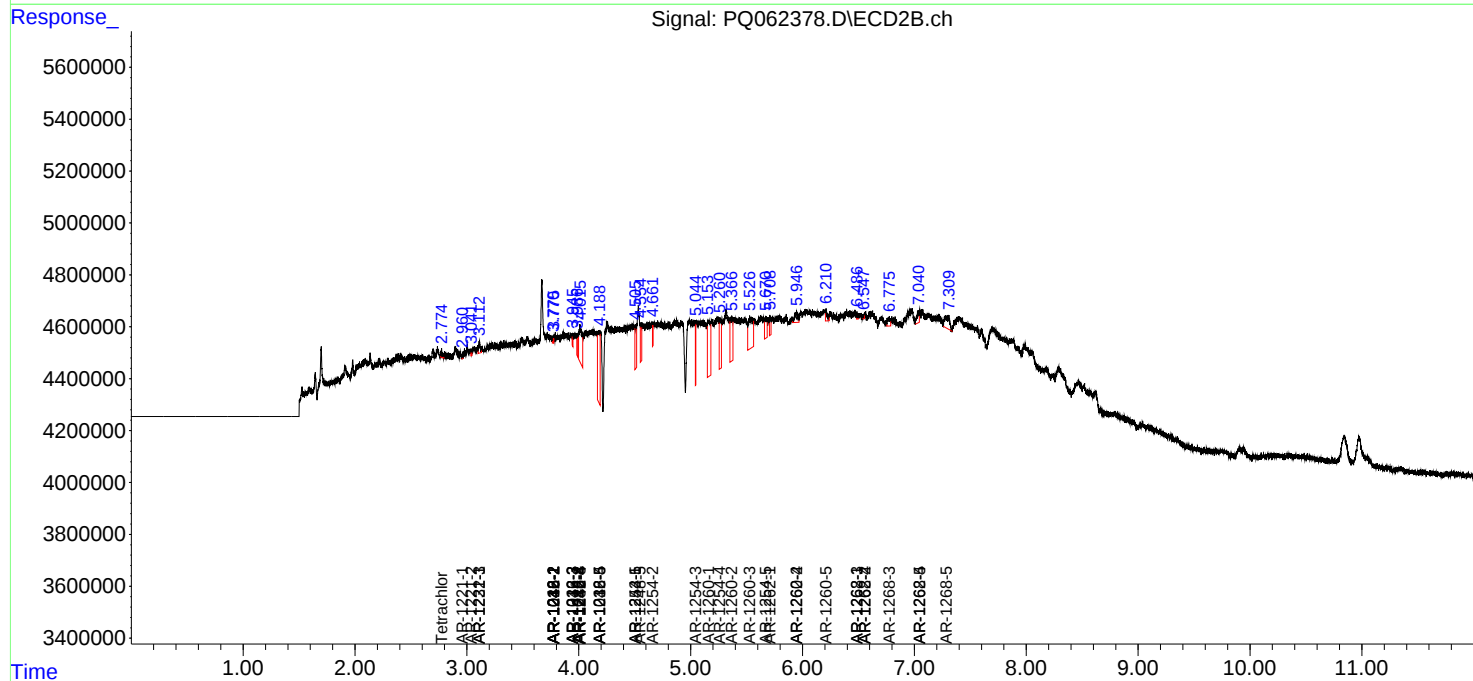
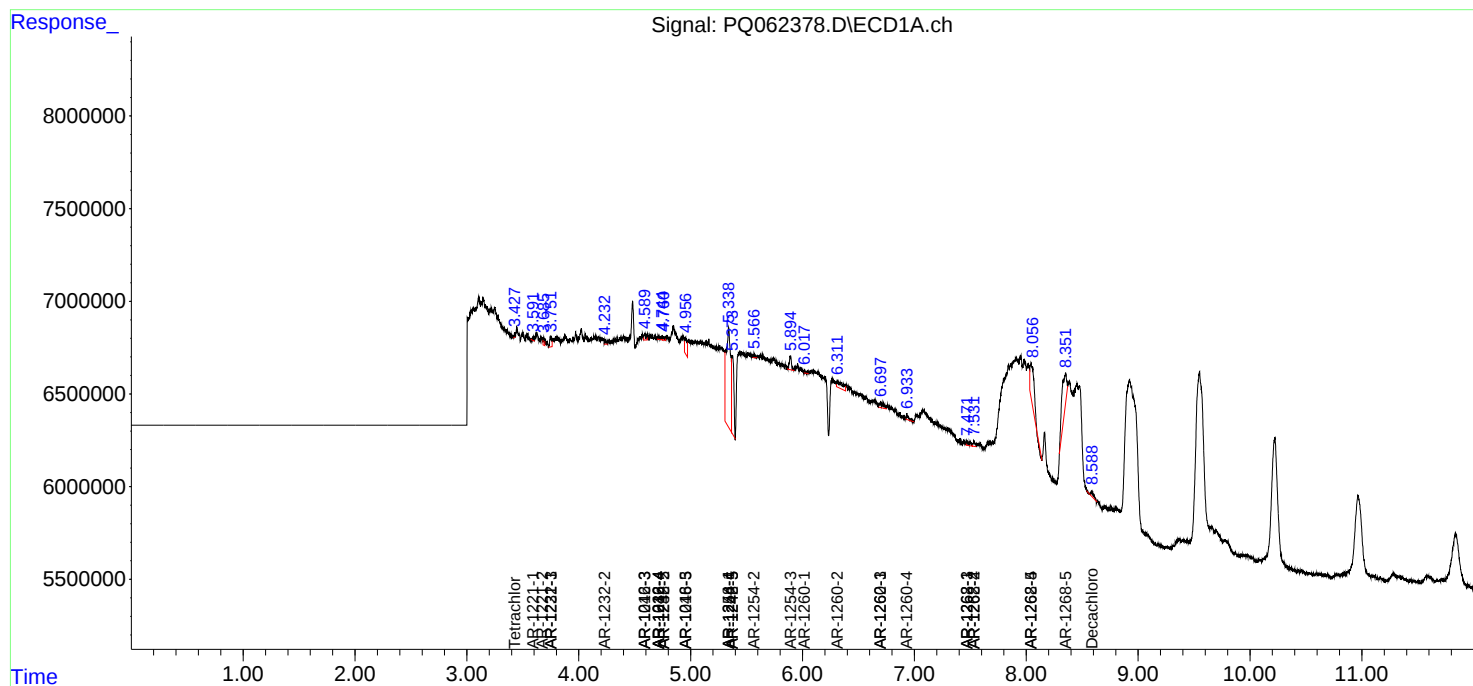
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

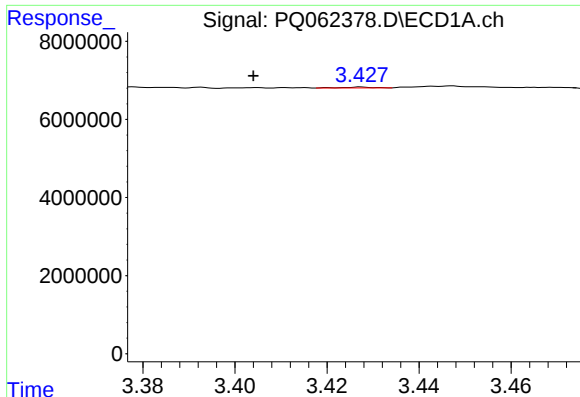
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071923\
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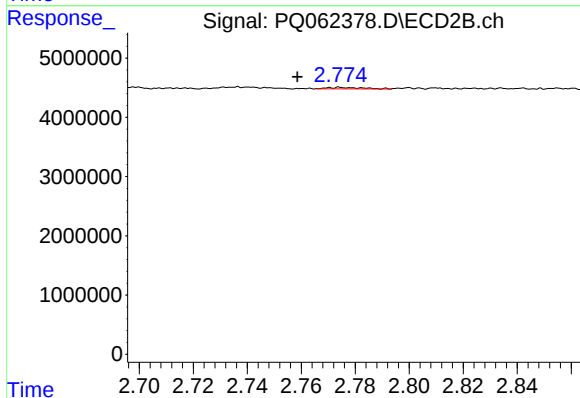




#1 Tetrachloro-m-xylene

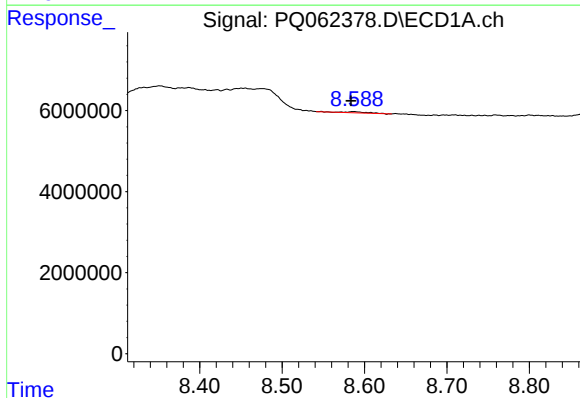
R.T.: 3.427 min
Delta R.T.: 0.023 min
Response: 104825
Conc: 0.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



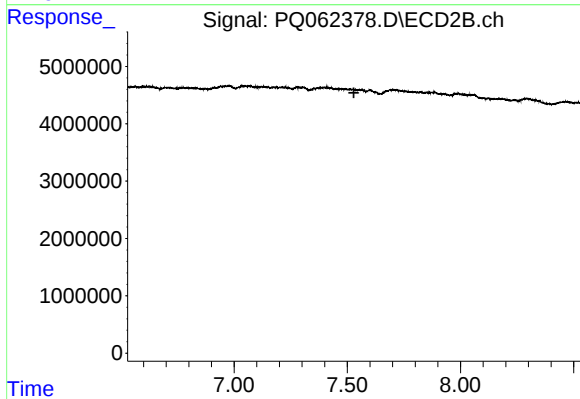
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.016 min
Response: 221377
Conc: 0.09 ng/ml



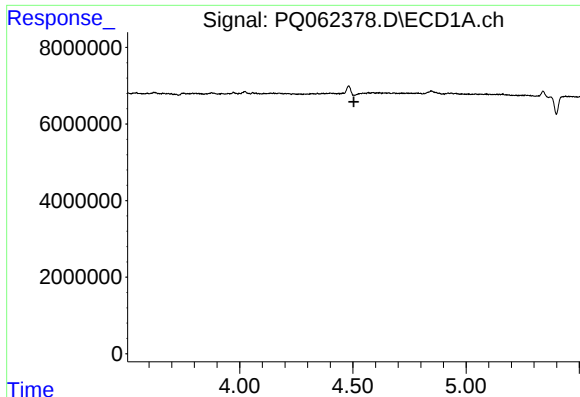
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 526829
Conc: 0.15 ng/ml



#2 Decachlorobiphenyl

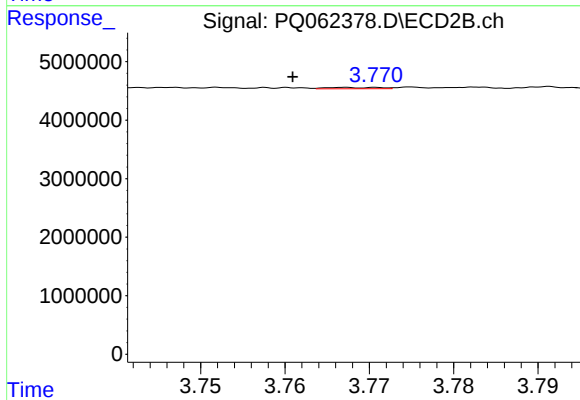
R.T.: 0.000 min
Exp R.T. : 7.529 min
Response: 0
Conc: N.D.



#3 AR-1016-1

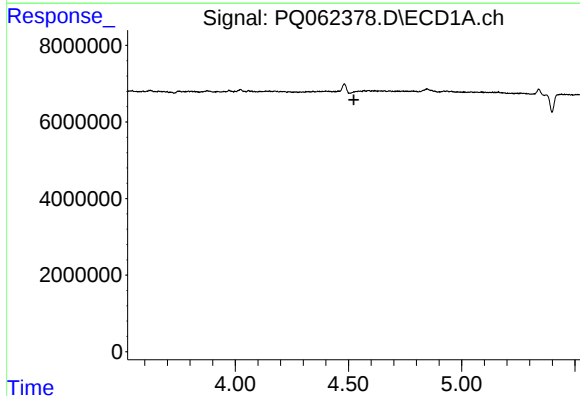
R.T.: 4.524 min
Delta R.T.: 0.020 min
Response: -645147
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



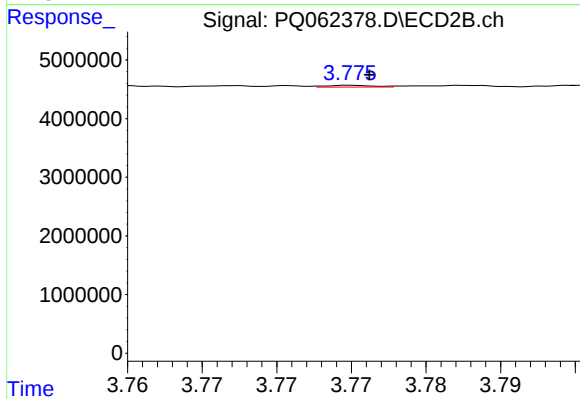
#3 AR-1016-1

R.T.: 3.767 min
Delta R.T.: 0.006 min
Response: 98883
Conc: 1.00 ng/ml



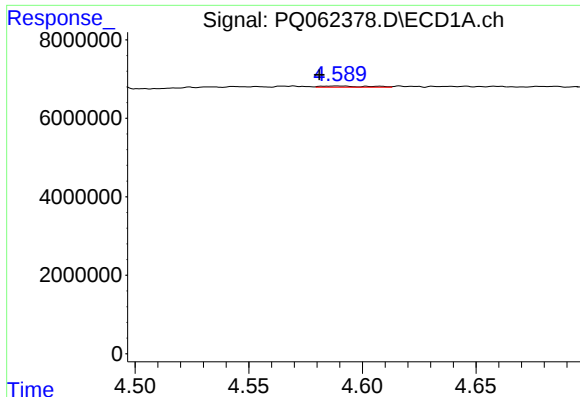
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: -645147
Conc: N.D.



#4 AR-1016-2

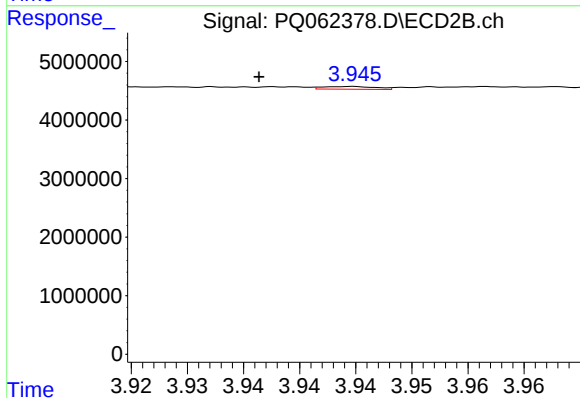
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 66730
Conc: 0.46 ng/ml



#5 AR-1016-3

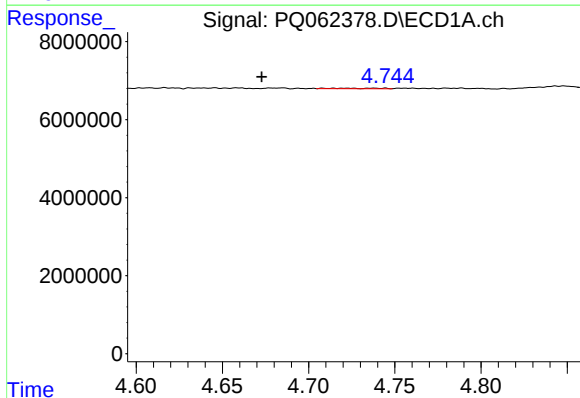
R.T.: 4.589 min
Delta R.T.: 0.008 min
Response: 455806
Conc: 2.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



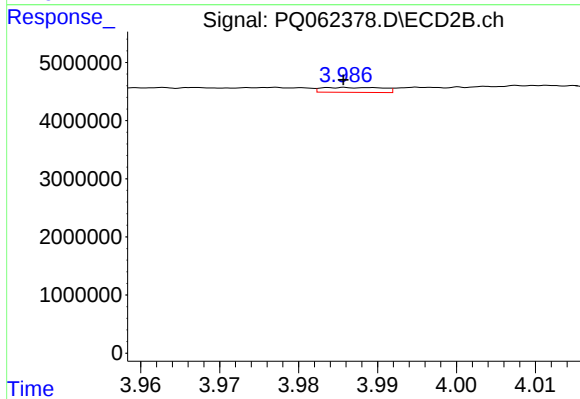
#5 AR-1016-3

R.T.: 3.945 min
Delta R.T.: 0.008 min
Response: 154005
Conc: 2.04 ng/ml



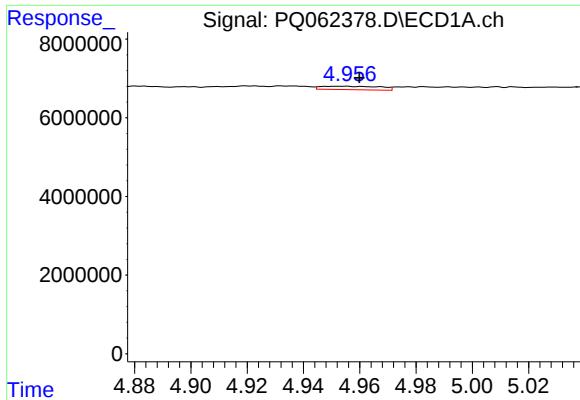
#6 AR-1016-4

R.T.: 4.715 min
Delta R.T.: 0.042 min
Response: 263808
Conc: 2.10 ng/ml



#6 AR-1016-4

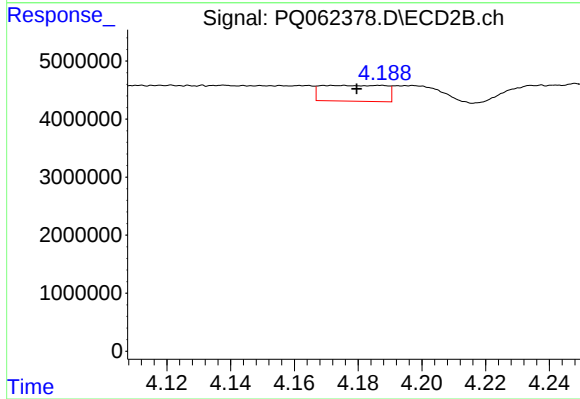
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 447523
Conc: 6.81 ng/ml



#7 AR-1016-5

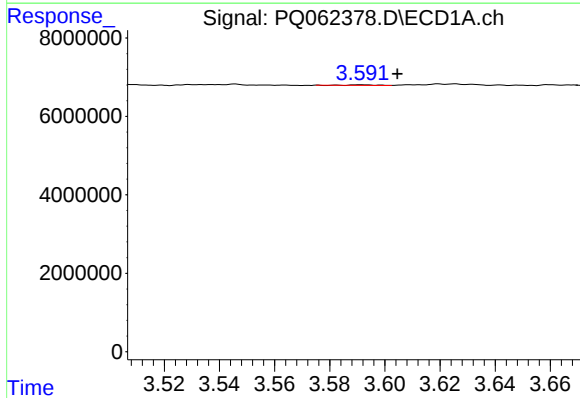
R.T.: 4.953 min
Delta R.T.: -0.007 min
Response: 1299053
Conc: 10.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



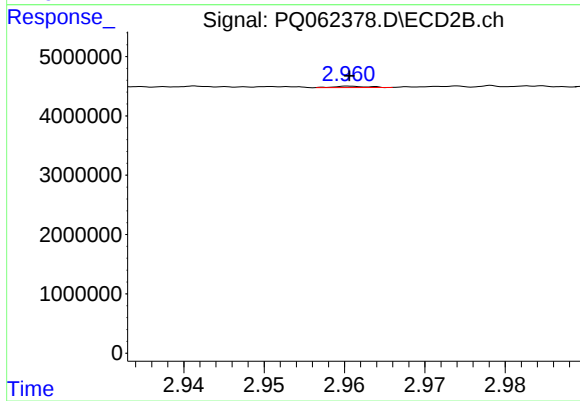
#7 AR-1016-5

R.T.: 4.187 min
Delta R.T.: 0.008 min
Response: 3827110
Conc: 46.68 ng/ml



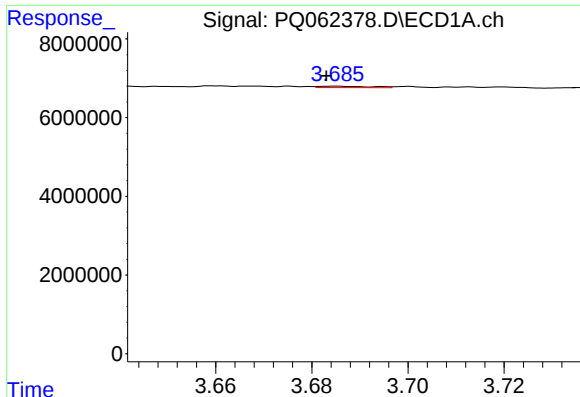
#8 AR-1221-1

R.T.: 3.591 min
Delta R.T.: -0.013 min
Response: 115293
Conc: 1.92 ng/ml



#8 AR-1221-1

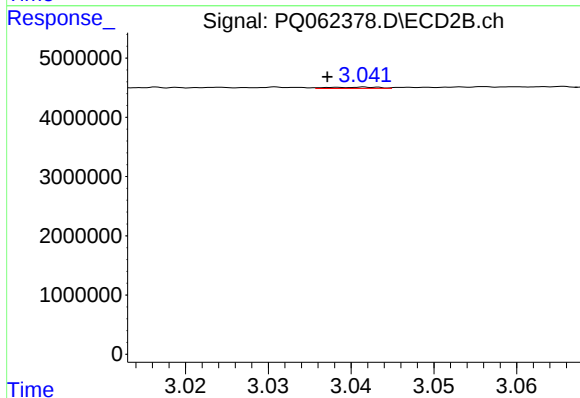
R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 66499
Conc: 2.02 ng/ml



#9 AR-1221-2

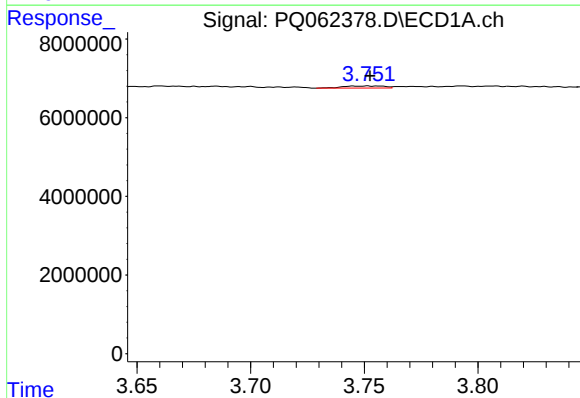
R.T.: 3.685 min
Delta R.T.: 0.002 min
Response: 276674
Conc: 6.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



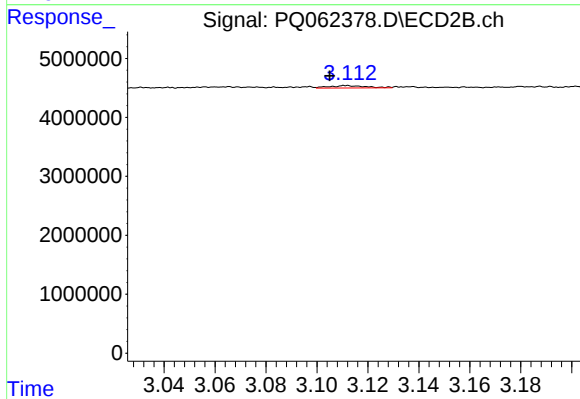
#9 AR-1221-2

R.T.: 3.042 min
Delta R.T.: 0.005 min
Response: 91191
Conc: 3.59 ng/ml



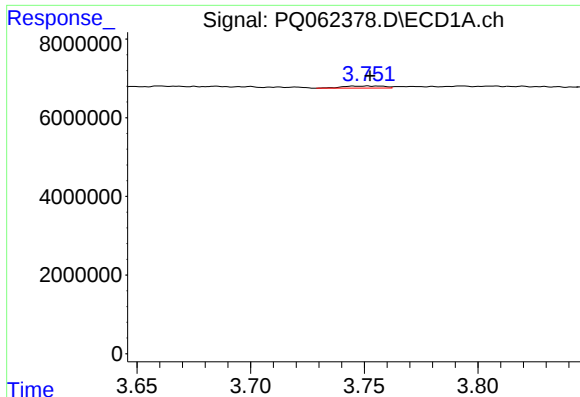
#10 AR-1221-3

R.T.: 3.752 min
Delta R.T.: 0.000 min
Response: 667322
Conc: 4.75 ng/ml



#10 AR-1221-3

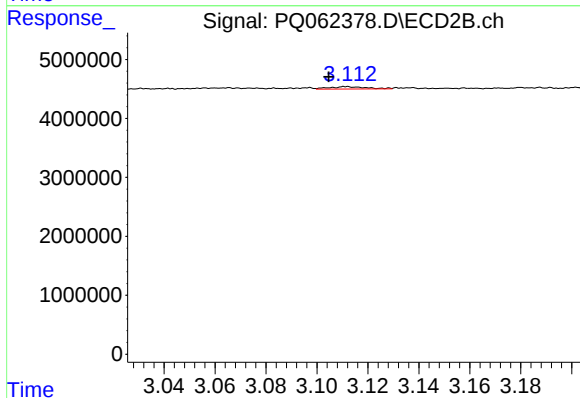
R.T.: 3.112 min
Delta R.T.: 0.007 min
Response: 411619
Conc: 5.34 ng/ml



#11 AR-1232-1

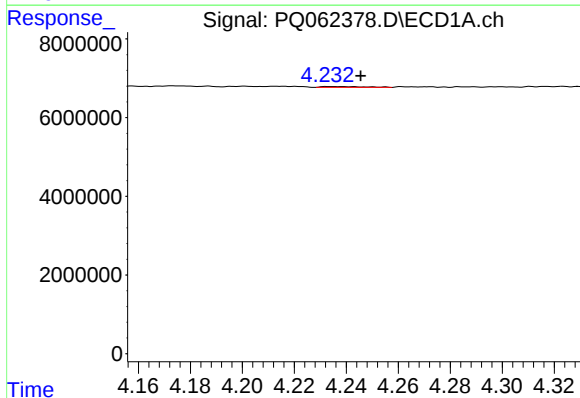
R.T.: 3.752 min
Delta R.T.: -0.001 min
Response: 667322
Conc: 6.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



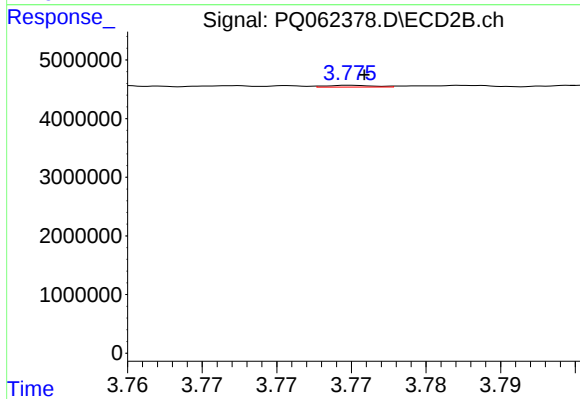
#11 AR-1232-1

R.T.: 3.112 min
Delta R.T.: 0.007 min
Response: 411619
Conc: 7.18 ng/ml



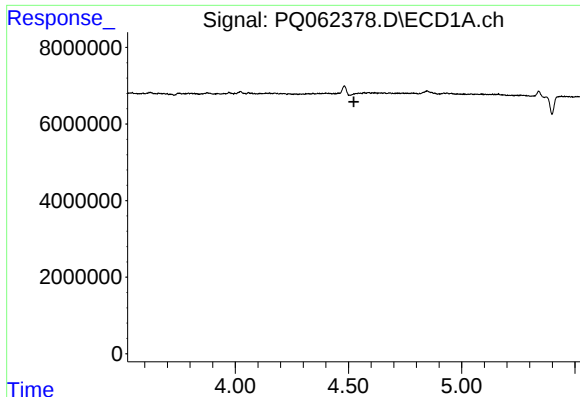
#12 AR-1232-2

R.T.: 4.238 min
Delta R.T.: -0.008 min
Response: 250684
Conc: 4.24 ng/ml



#12 AR-1232-2

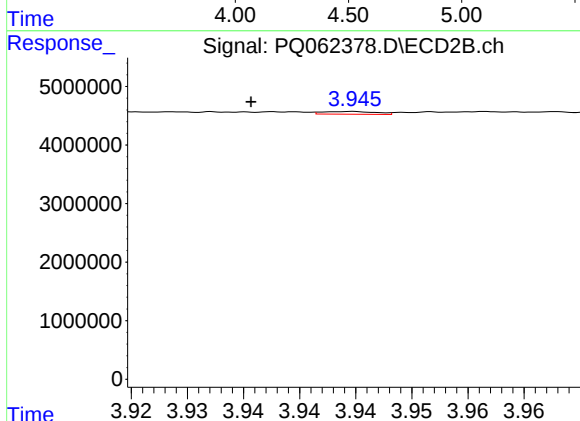
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 66730
Conc: 1.00 ng/ml



#13 AR-1232-3

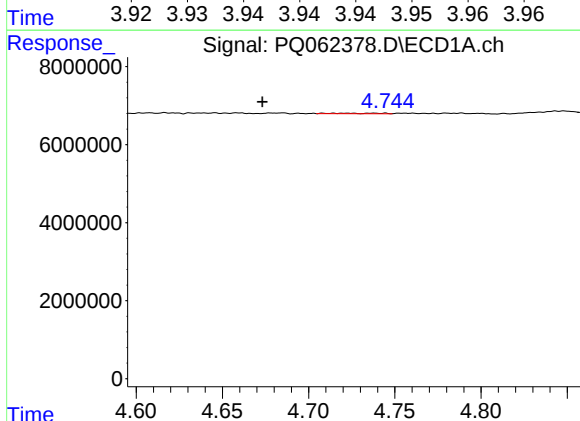
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: -645147
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



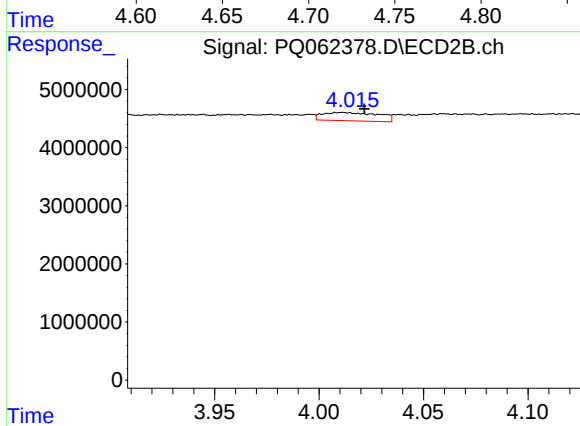
#13 AR-1232-3

R.T.: 3.945 min
Delta R.T.: 0.009 min
Response: 154005
Conc: 4.46 ng/ml



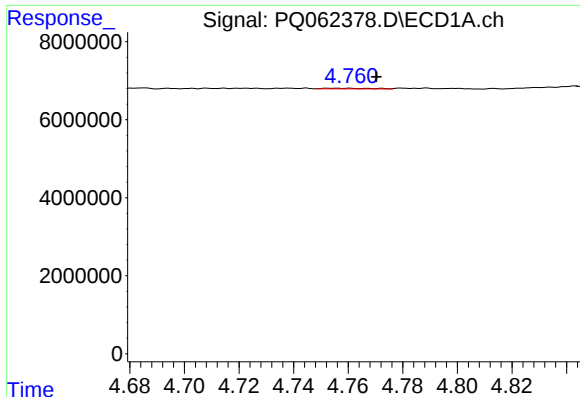
#14 AR-1232-4

R.T.: 4.715 min
Delta R.T.: 0.042 min
Response: 263808
Conc: 4.66 ng/ml



#14 AR-1232-4

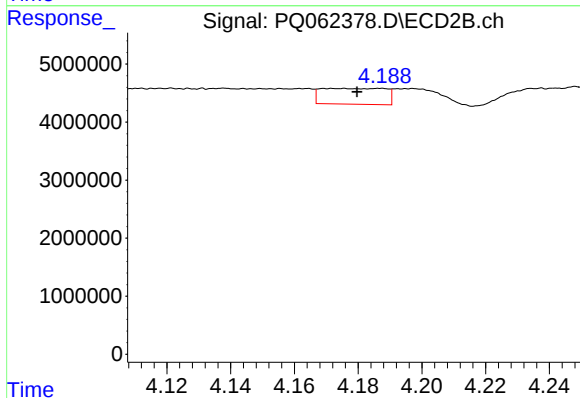
R.T.: 4.011 min
Delta R.T.: -0.010 min
Response: 2697679
Conc: 90.71 ng/ml



#15 AR-1232-5

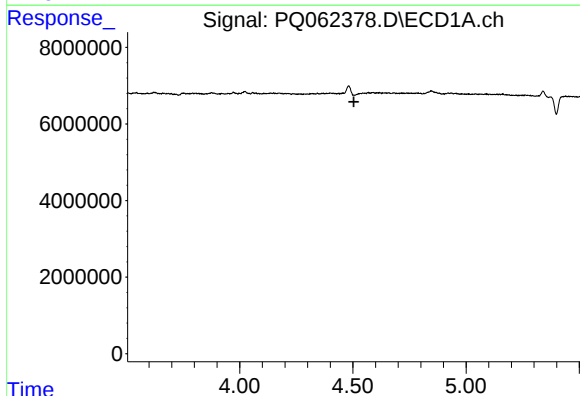
R.T.: 4.756 min
Delta R.T.: -0.014 min
Response: 200112
Conc: 5.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



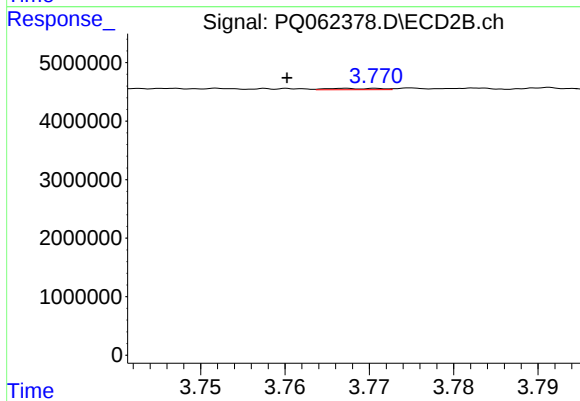
#15 AR-1232-5

R.T.: 4.187 min
Delta R.T.: 0.008 min
Response: 3827110
Conc: 107.32 ng/ml



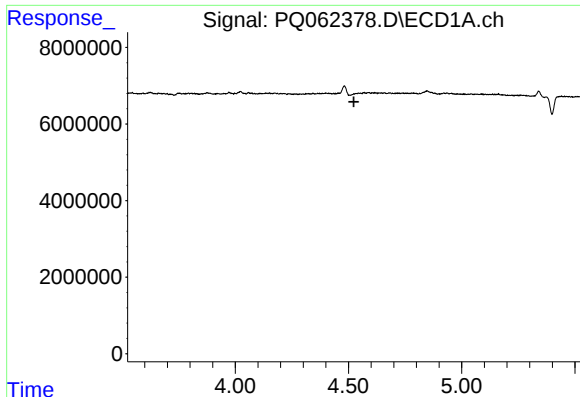
#16 AR-1242-1

R.T.: 4.524 min
Delta R.T.: 0.019 min
Response: -645147
Conc: N.D.



#16 AR-1242-1

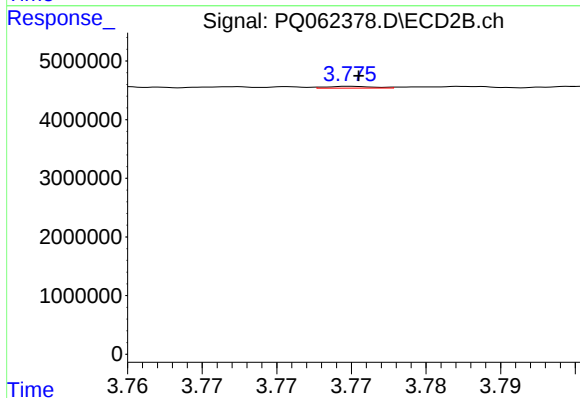
R.T.: 3.767 min
Delta R.T.: 0.007 min
Response: 98883
Conc: 1.28 ng/ml



#17 AR-1242-2

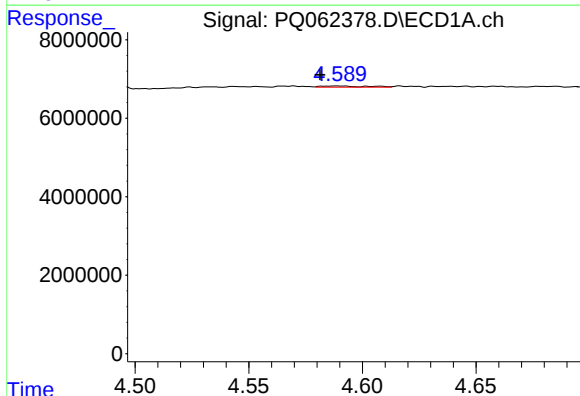
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: -645147
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



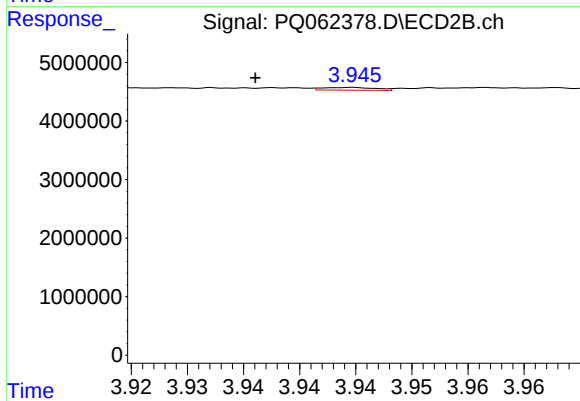
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 66730
Conc: 0.60 ng/ml



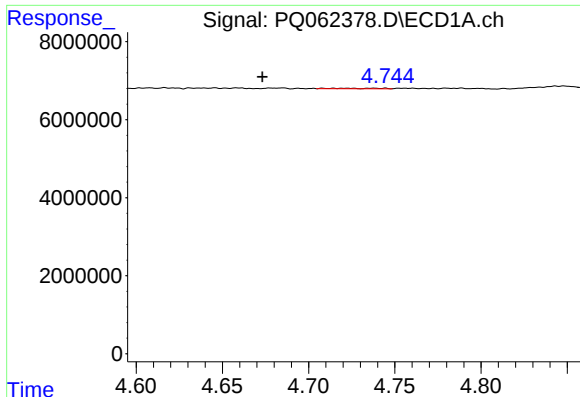
#18 AR-1242-3

R.T.: 4.589 min
Delta R.T.: 0.008 min
Response: 455806
Conc: 3.77 ng/ml



#18 AR-1242-3

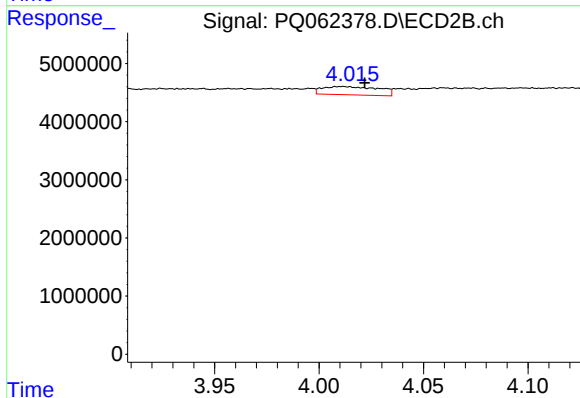
R.T.: 3.945 min
Delta R.T.: 0.009 min
Response: 154005
Conc: 2.63 ng/ml



#19 AR-1242-4

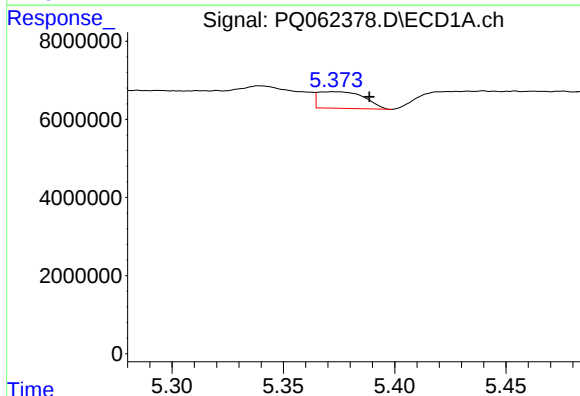
R.T.: 4.715 min
Delta R.T.: 0.042 min
Response: 263808
Conc: 2.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



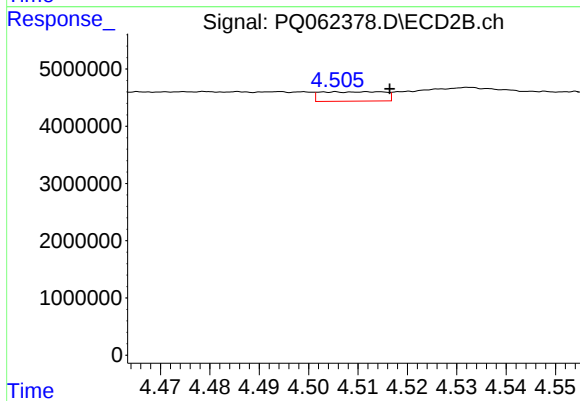
#19 AR-1242-4

R.T.: 4.011 min
Delta R.T.: -0.010 min
Response: 2697679
Conc: 46.01 ng/ml



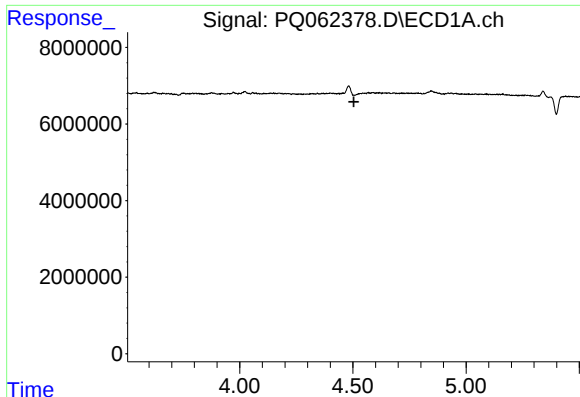
#20 AR-1242-5

R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 6106295
Conc: 63.79 ng/ml



#20 AR-1242-5

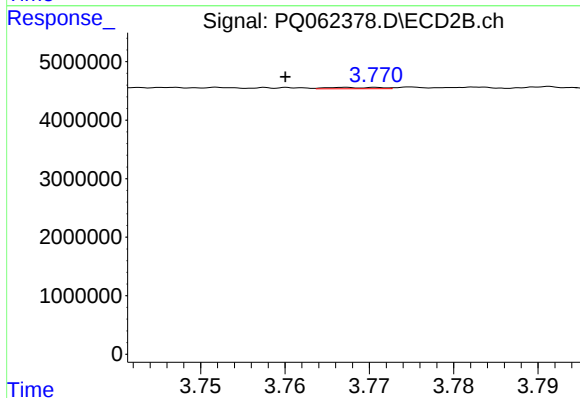
R.T.: 4.506 min
Delta R.T.: -0.011 min
Response: 1465745
Conc: 17.68 ng/ml



#21 AR-1248-1

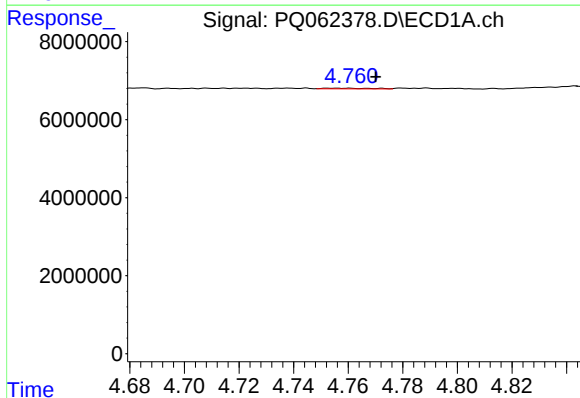
R.T.: 4.524 min
Delta R.T.: 0.019 min
Response: -645147
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



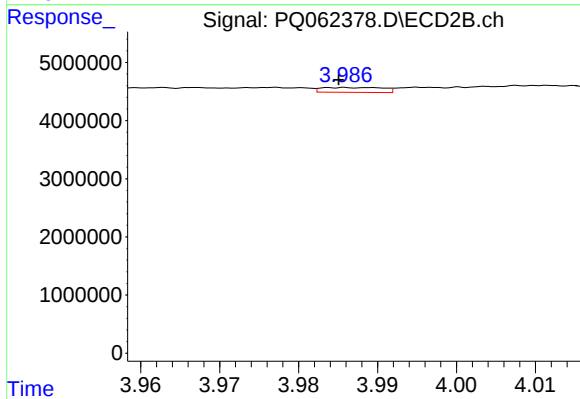
#21 AR-1248-1

R.T.: 3.767 min
Delta R.T.: 0.007 min
Response: 98883
Conc: 1.58 ng/ml



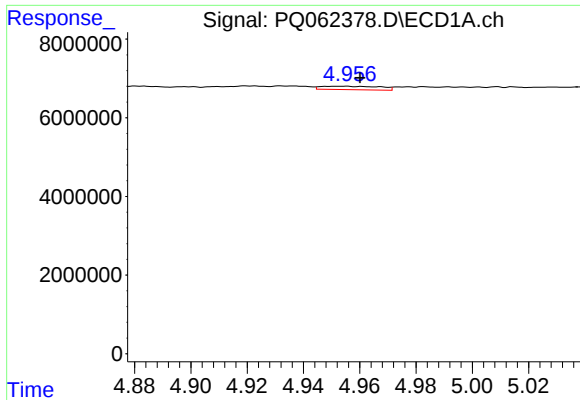
#22 AR-1248-2

R.T.: 4.756 min
Delta R.T.: -0.014 min
Response: 200112
Conc: 1.39 ng/ml



#22 AR-1248-2

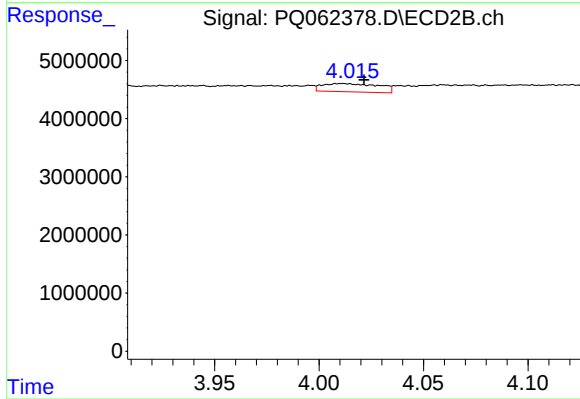
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 447523
Conc: 4.77 ng/ml



#23 AR-1248-3

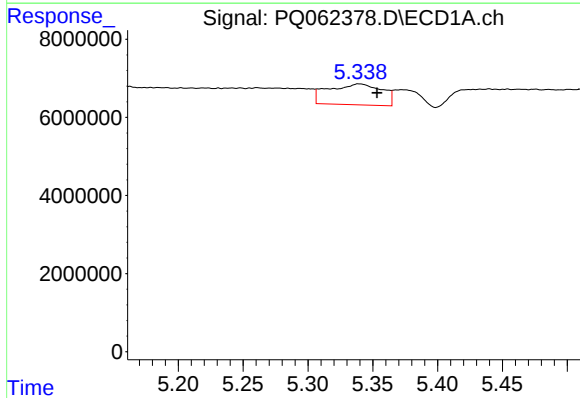
R.T.: 4.953 min
Delta R.T.: -0.007 min
Response: 1299053
Conc: 7.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



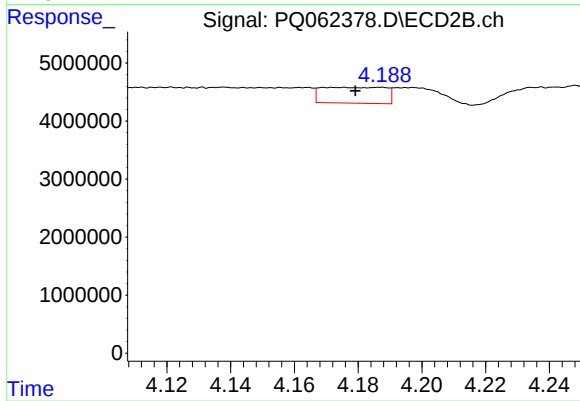
#23 AR-1248-3

R.T.: 4.011 min
Delta R.T.: -0.010 min
Response: 2697679
Conc: 29.79 ng/ml



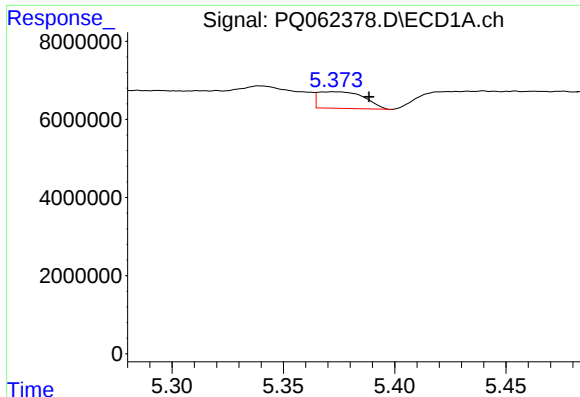
#24 AR-1248-4

R.T.: 5.340 min
Delta R.T.: -0.014 min
Response: 15349459
Conc: 79.97 ng/ml



#24 AR-1248-4

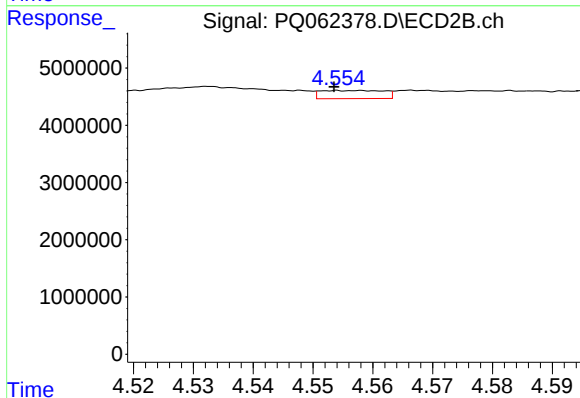
R.T.: 4.187 min
Delta R.T.: 0.008 min
Response: 3827110
Conc: 33.92 ng/ml



#25 AR-1248-5

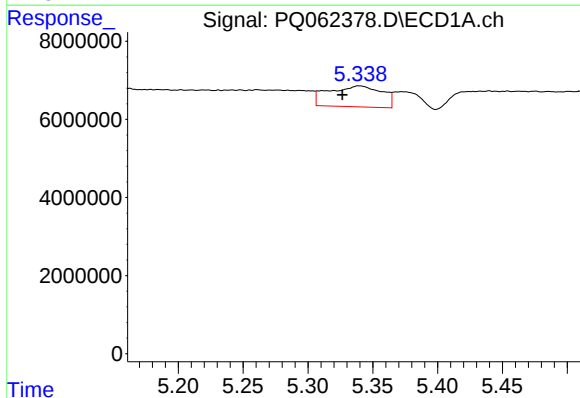
R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 6106295
Conc: 33.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



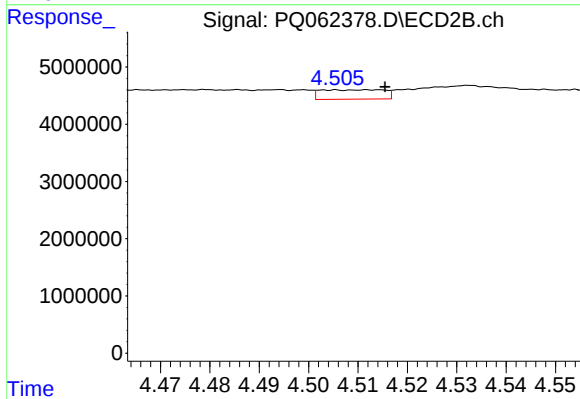
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 1042053
Conc: 9.30 ng/ml



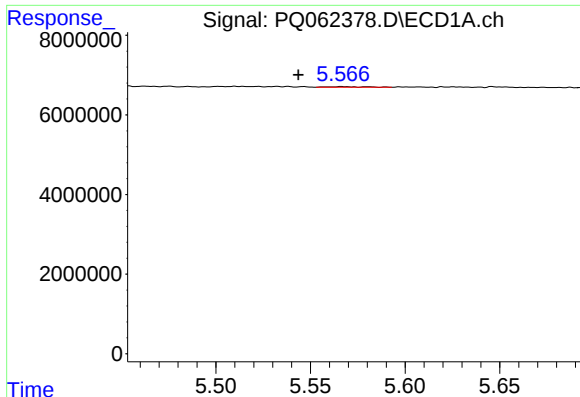
#26 AR-1254-1

R.T.: 5.340 min
Delta R.T.: 0.013 min
Response: 15349459
Conc: 82.60 ng/ml



#26 AR-1254-1

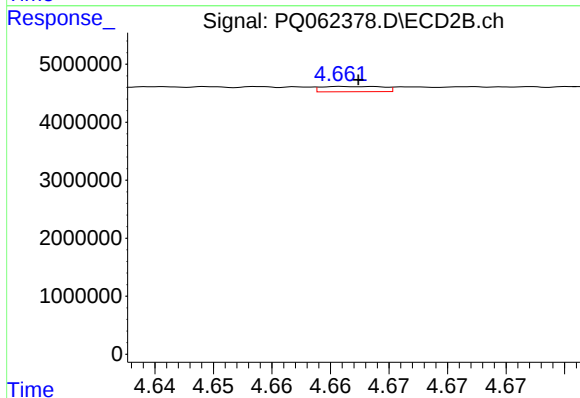
R.T.: 4.506 min
Delta R.T.: -0.010 min
Response: 1465745
Conc: 9.08 ng/ml



#27 AR-1254-2

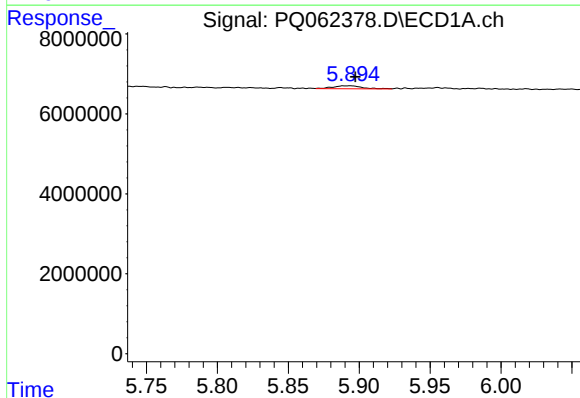
R.T.: 5.567 min
Delta R.T.: 0.023 min
Response: 172073
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



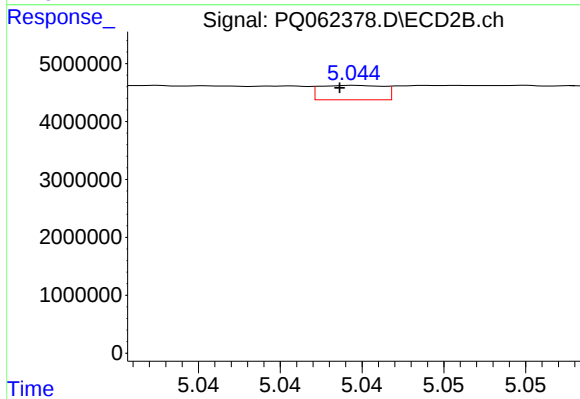
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 333565
Conc: 2.27 ng/ml



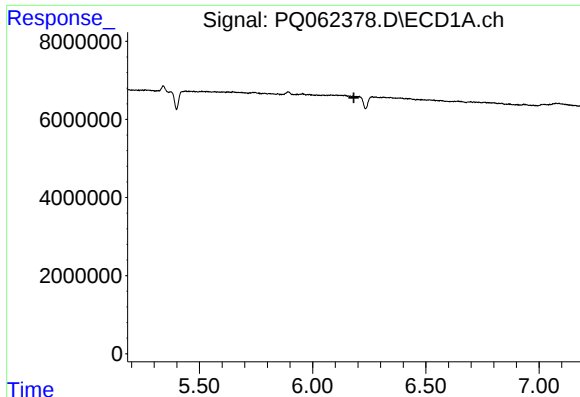
#28 AR-1254-3

R.T.: 5.892 min
Delta R.T.: -0.005 min
Response: 1028433
Conc: 3.35 ng/ml



#28 AR-1254-3

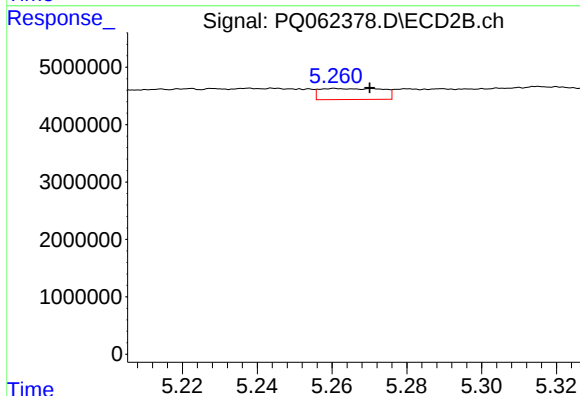
R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 675067
Conc: 2.89 ng/ml



#29 AR-1254-4

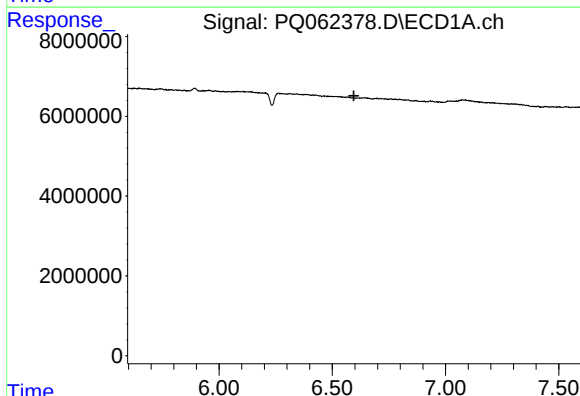
R.T.: 0.000 min
Exp R.T.: 6.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



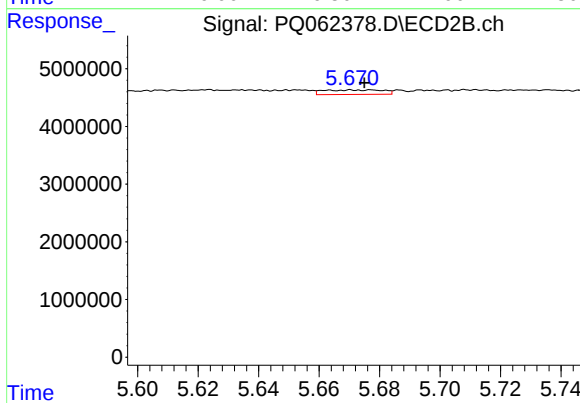
#29 AR-1254-4

R.T.: 5.261 min
Delta R.T.: -0.009 min
Response: 2226426
Conc: 14.61 ng/ml



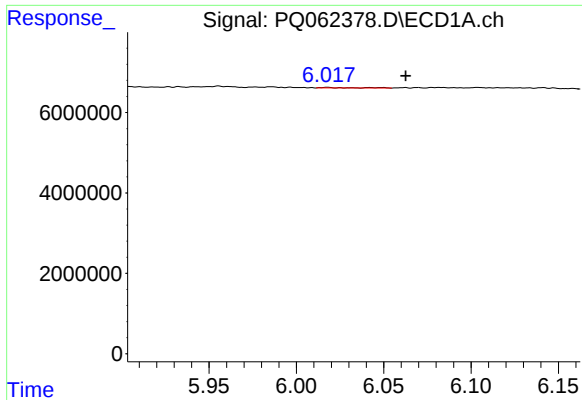
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.



#30 AR-1254-5

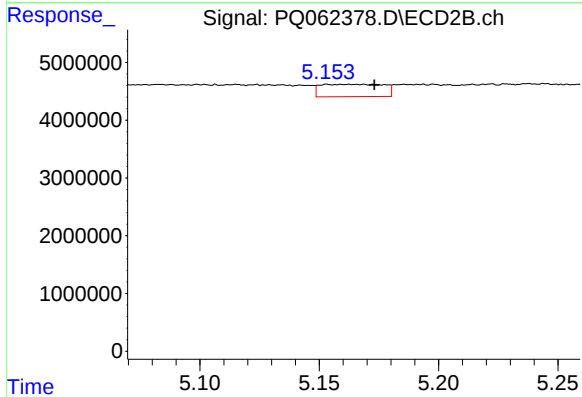
R.T.: 5.671 min
Delta R.T.: -0.004 min
Response: 1063883
Conc: 4.61 ng/ml



#31 AR-1260-1

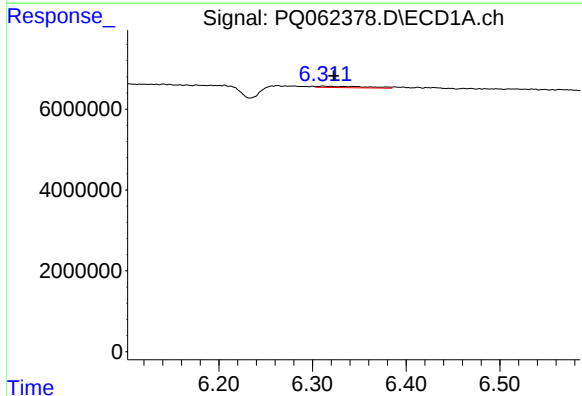
R.T.: 6.017 min
Delta R.T.: -0.045 min
Response: 181902
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



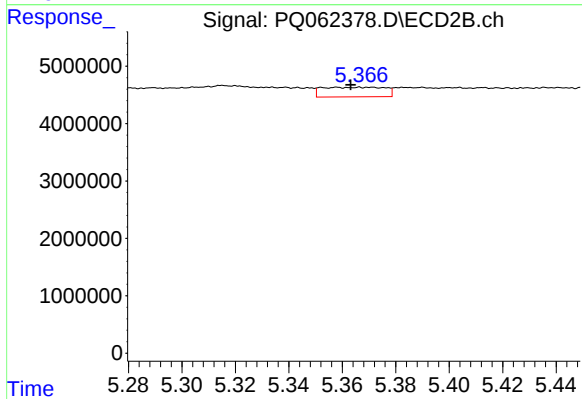
#31 AR-1260-1

R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 3920592
Conc: 23.54 ng/ml



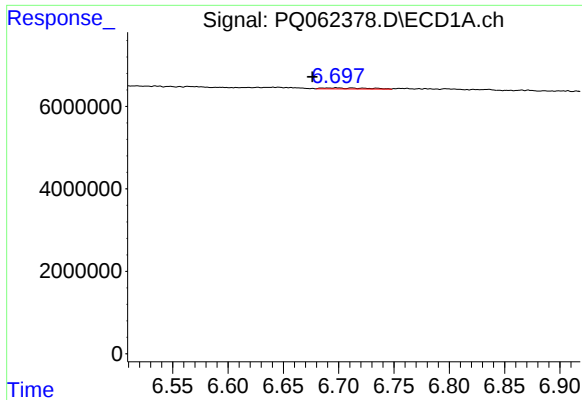
#32 AR-1260-2

R.T.: 6.312 min
Delta R.T.: -0.011 min
Response: 1276436
Conc: 4.42 ng/ml



#32 AR-1260-2

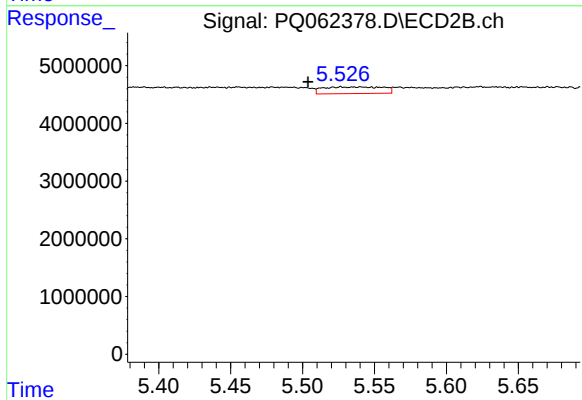
R.T.: 5.358 min
Delta R.T.: -0.005 min
Response: 2718625
Conc: 13.07 ng/ml



#33 AR-1260-3

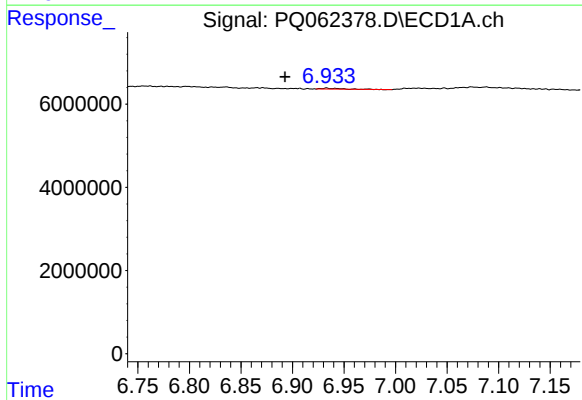
R.T.: 6.698 min
Delta R.T.: 0.022 min
Response: 668478
Conc: 3.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



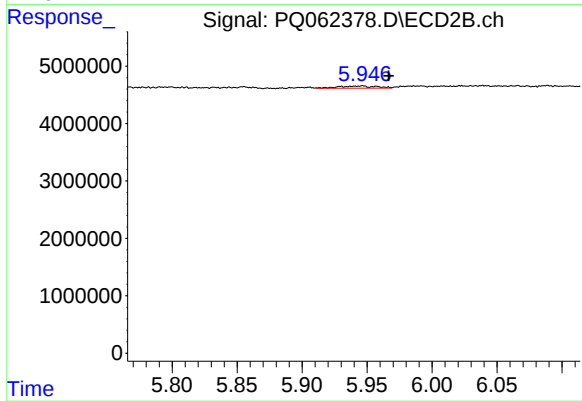
#33 AR-1260-3

R.T.: 5.527 min
Delta R.T.: 0.023 min
Response: 3362457
Conc: 17.28 ng/ml



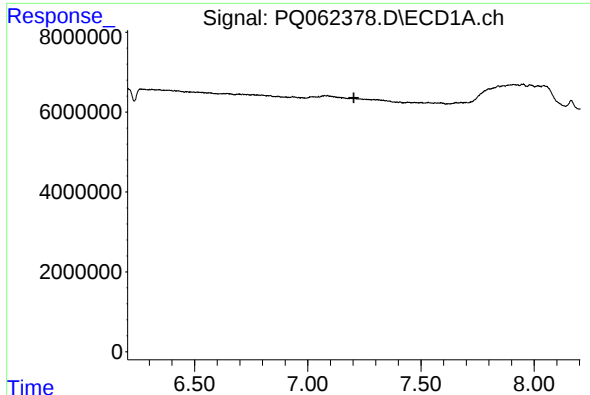
#34 AR-1260-4

R.T.: 6.933 min
Delta R.T.: 0.040 min
Response: 346418
Conc: 1.64 ng/ml



#34 AR-1260-4

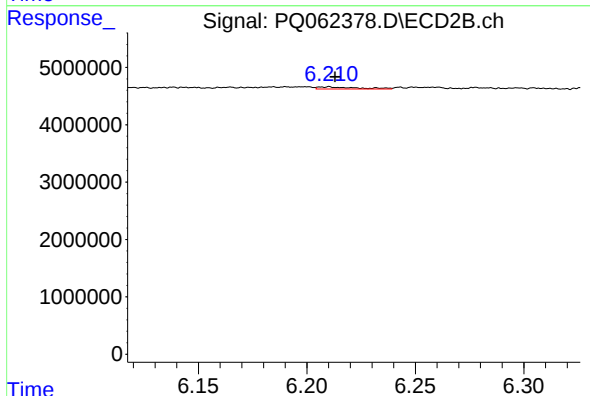
R.T.: 5.947 min
Delta R.T.: -0.020 min
Response: 785408
Conc: 5.38 ng/ml



#35 AR-1260-5

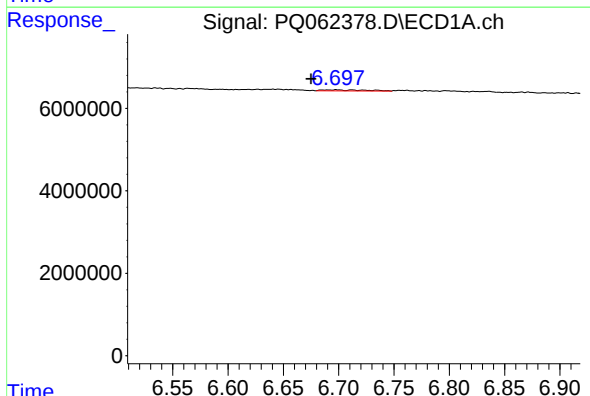
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



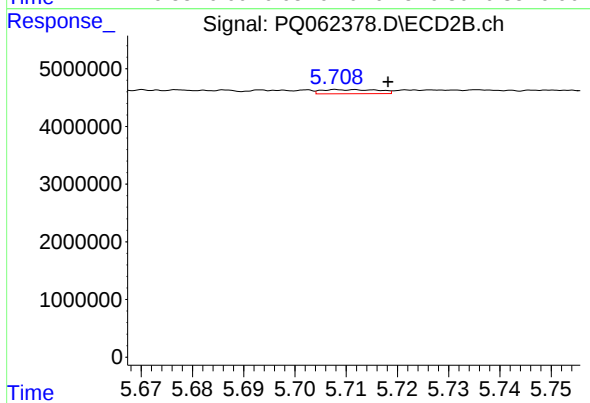
#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 475538
Conc: 1.43 ng/ml



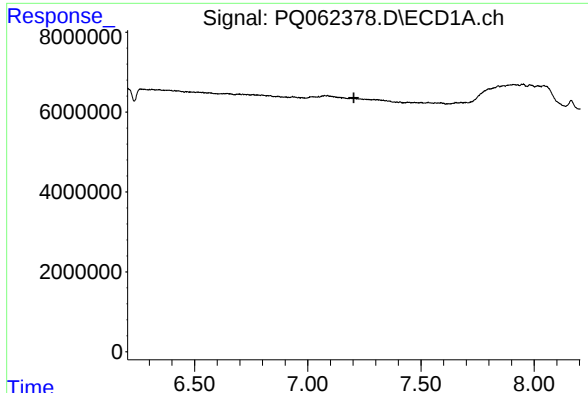
#36 AR-1262-1

R.T.: 6.698 min
Delta R.T.: 0.023 min
Response: 668478
Conc: 2.19 ng/ml



#36 AR-1262-1

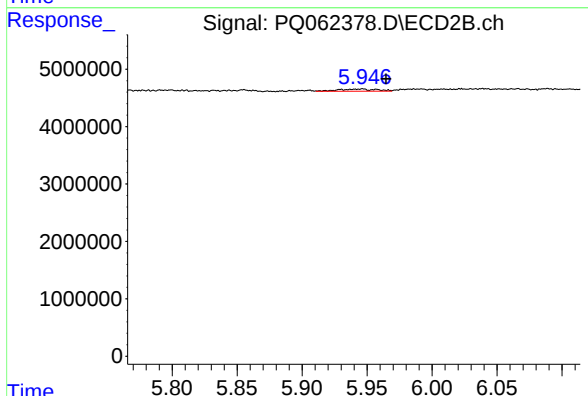
R.T.: 5.709 min
Delta R.T.: -0.009 min
Response: 557632
Conc: 2.40 ng/ml



#37 AR-1262-2

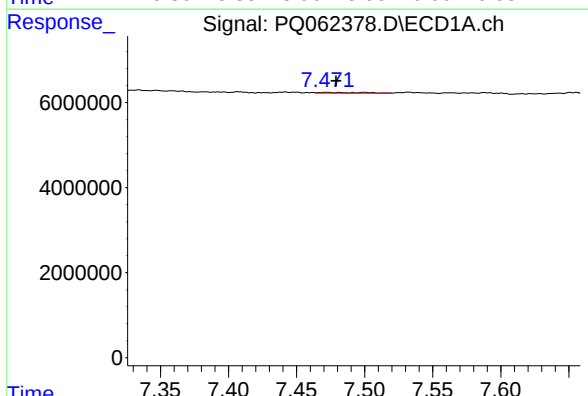
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



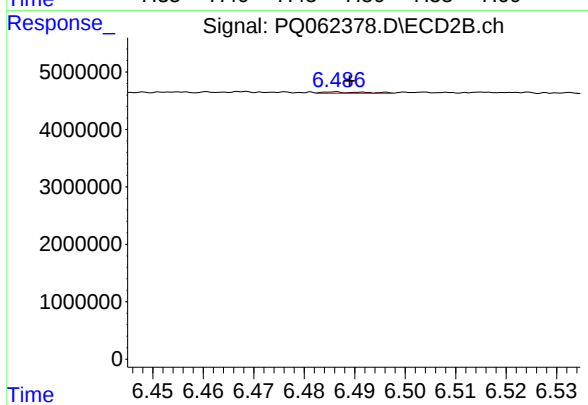
#37 AR-1262-2

R.T.: 5.947 min
Delta R.T.: -0.018 min
Response: 785408
Conc: 3.63 ng/ml



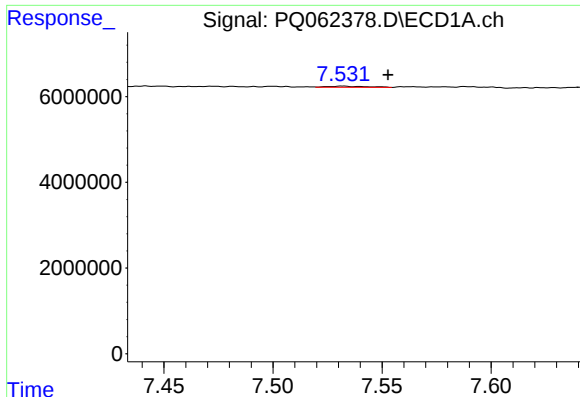
#38 AR-1262-3

R.T.: 7.472 min
Delta R.T.: -0.008 min
Response: 428010
Conc: 1.21 ng/ml



#38 AR-1262-3

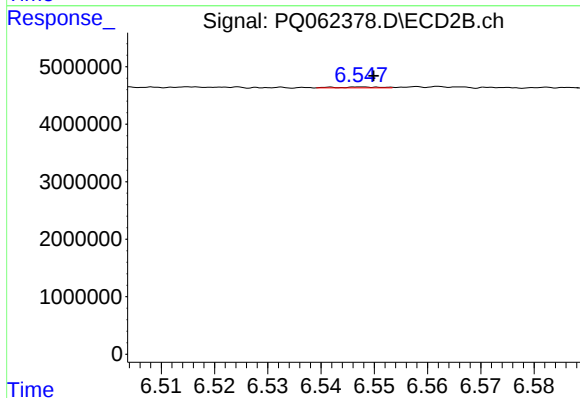
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 139879
Conc: 0.80 ng/ml



#39 AR-1262-4

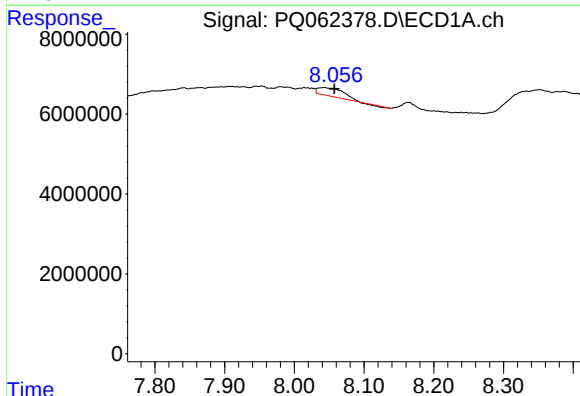
R.T.: 7.532 min
Delta R.T.: -0.021 min
Response: 314797
Conc: 1.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



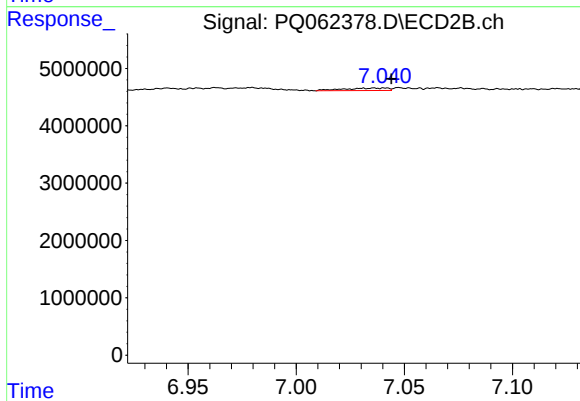
#39 AR-1262-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 92201
Conc: 0.29 ng/ml



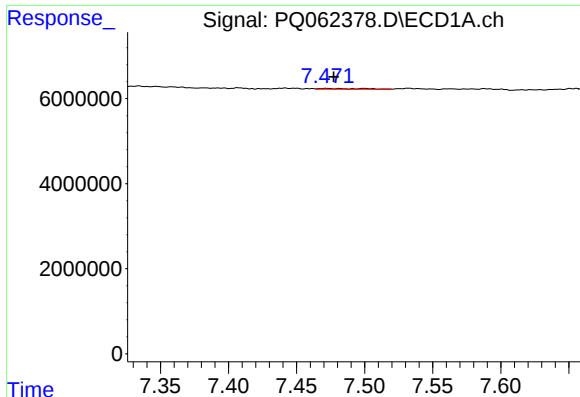
#40 AR-1262-5

R.T.: 8.043 min
Delta R.T.: -0.015 min
Response: 4929959
Conc: 27.77 ng/ml



#40 AR-1262-5

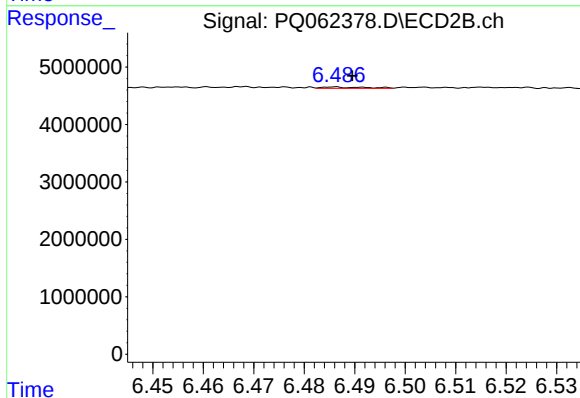
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 602245
Conc: 3.88 ng/ml



#41 AR-1268-1

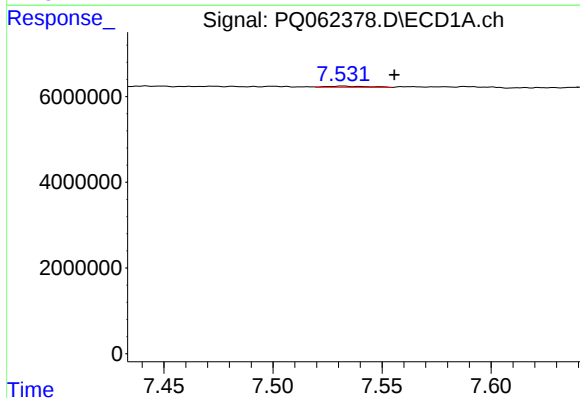
R.T.: 7.472 min
Delta R.T.: -0.006 min
Response: 428010
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



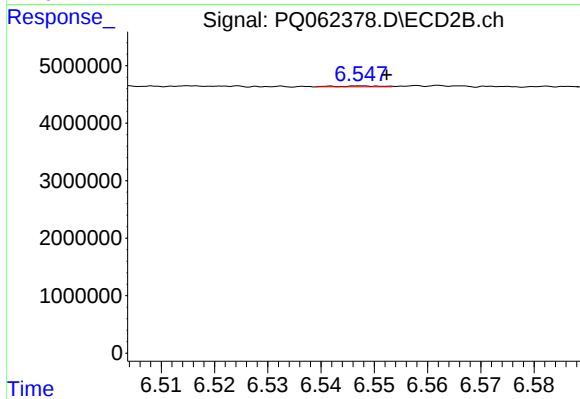
#41 AR-1268-1

R.T.: 6.486 min
Delta R.T.: -0.004 min
Response: 139879
Conc: 0.30 ng/ml



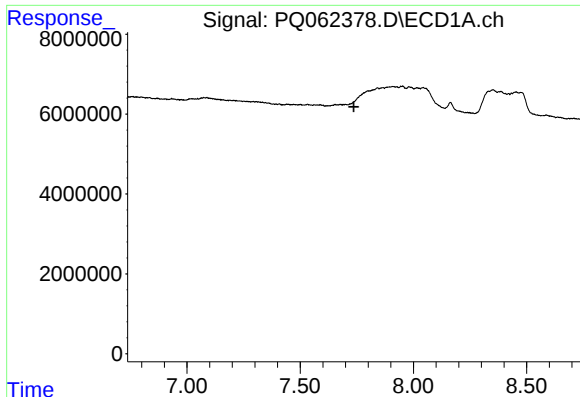
#42 AR-1268-2

R.T.: 7.532 min
Delta R.T.: -0.024 min
Response: 314797
Conc: 0.62 ng/ml



#42 AR-1268-2

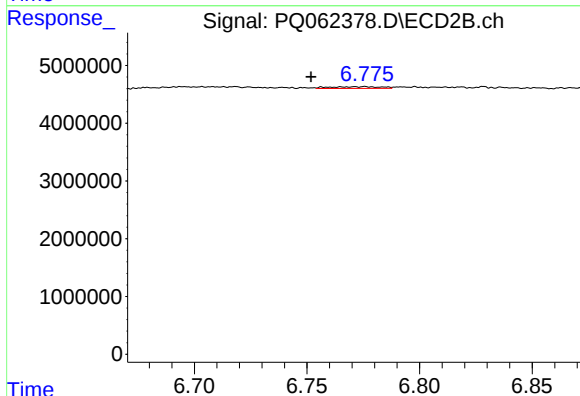
R.T.: 6.548 min
Delta R.T.: -0.004 min
Response: 92201
Conc: 0.22 ng/ml



#43 AR-1268-3

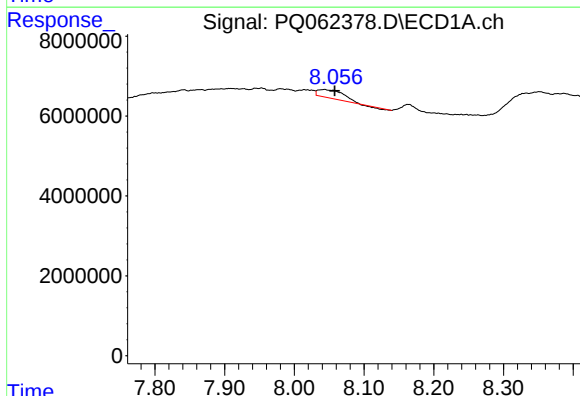
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



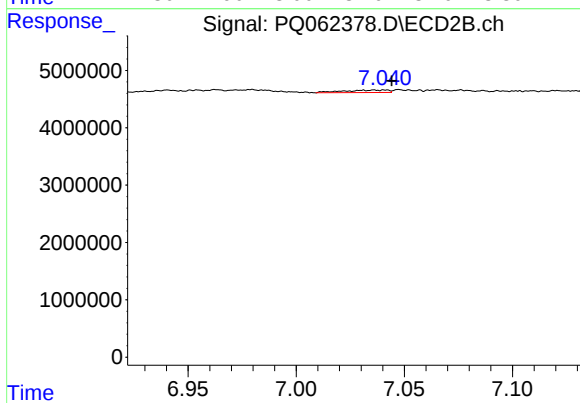
#43 AR-1268-3

R.T.: 6.776 min
Delta R.T.: 0.024 min
Response: 484753
Conc: 1.32 ng/ml



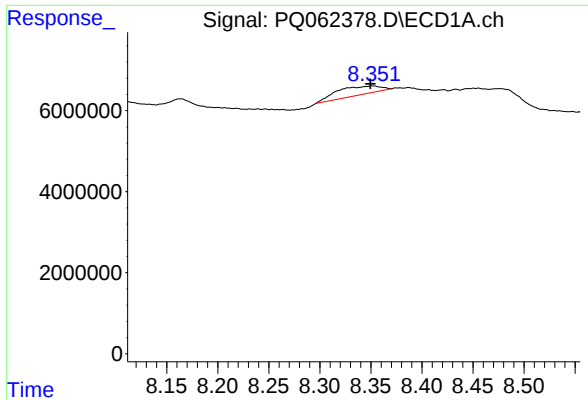
#44 AR-1268-4

R.T.: 8.043 min
Delta R.T.: -0.015 min
Response: 4929959
Conc: 26.94 ng/ml



#44 AR-1268-4

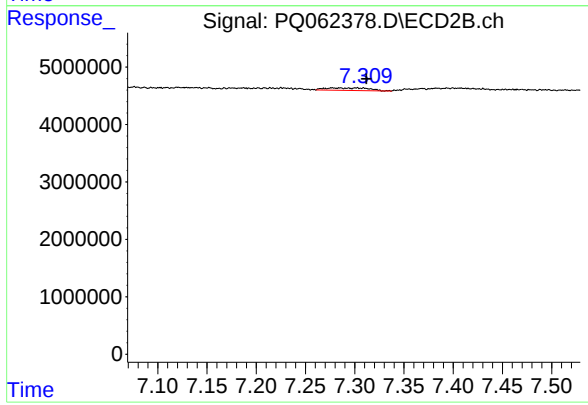
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 602245
Conc: 3.77 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: 6385392
Conc: 5.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.279 min
Delta R.T.: -0.033 min
Response: 1356223
Conc: 1.16 ng/ml