

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110722\
 Data File : PQ059967.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2022 22:20
 Operator : YP\AJ
 Sample : N5431-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 01:25:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 01 17:05:38 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...	3.458	2.807	124.5E6	103.2E6	10.318	13.005 #
2)	SA Decachlor...	8.633	7.571	45717412	57060744	6.266	7.844 #
Target Compounds							
3)	L1 AR-1016-1	4.562	3.783f	477683	1530673	1.099	5.775 #
4)	L1 AR-1016-2	4.570	3.838	476550	1063428	0.759	2.699 #
5)	L1 AR-1016-3	4.647	4.016f	1258173	1388458	3.250	6.783 #
6)	L1 AR-1016-4	4.723	4.016f	880448	1388458	2.734	8.723 #
7)	L1 AR-1016-5	4.994f	4.231	38132	1329686	0.125	6.453 #
8)	L2 AR-1221-1	3.674f	3.026f	31105190	870341	213.429	9.497 #
9)	L2 AR-1221-2	3.734	3.077	13383848	1475752	121.799	21.629 #
10)	L2 AR-1221-3	3.821f	3.153	6943488	1459069	21.441	6.856 #
11)	L3 AR-1232-1	3.821f	3.153	6943488	1459069	28.211	8.998 #
12)	L3 AR-1232-2	4.285	3.838	2691686	1063428	17.728	6.175 #
13)	L3 AR-1232-3	4.570	4.016f	476550	1388458	1.757	15.509 #
14)	L3 AR-1232-4	4.723	4.060	880448	2026249	6.224	27.541 #
15)	L3 AR-1232-5	4.833	4.231	5336220	1329686	53.822	15.071 #
16)	L4 AR-1242-1	4.562	3.838f	477683	1063428	1.420	5.167 #
17)	L4 AR-1242-2	4.570	3.838	476550	1063428	0.974	3.460 #
18)	L4 AR-1242-3	4.647	4.016f	1258173	1388458	4.190	8.701 #
19)	L4 AR-1242-4	4.723	4.060	880448	2026249	3.494	13.817 #
20)	L4 AR-1242-5	5.446	4.551f	8791499	1574985	33.041	7.680 #
21)	L5 AR-1248-1	4.562	3.838f	477683	1063428	1.873	6.704 #
22)	L5 AR-1248-2	4.833	4.016f	5336220	1388458	16.327	6.439 #
23)	L5 AR-1248-3	4.994f	4.060	38132	2026249	0.097	9.628 #
24)	L5 AR-1248-4	5.376f	4.231	3722863	1329686	8.409	4.997 #
25)	L5 AR-1248-5	5.446	4.609	8791499	5330878	20.147	20.322
26)	L6 AR-1254-1	5.376	4.551f	3722863	1574985	8.236	3.872 #
27)	L6 AR-1254-2	5.587	4.713	883483	605281	1.272	1.683 #
28)	L6 AR-1254-3	5.931	5.092	1938026	4722203	2.658	8.229 #
29)	L6 AR-1254-4	0.000	5.313	0	386766	N.D.	1.061 #
30)	L6 AR-1254-5	6.638	5.731	4402005	1155405	7.412	2.156 #
31)	L7 AR-1260-1	6.111	5.222	118483	1155032	0.212	2.916 #
32)	L7 AR-1260-2	6.347f	5.422	10467227	210035	15.633	0.436 #
33)	L7 AR-1260-3	6.704f	5.567	29513577	1438720	69.317	3.103 #
34)	L7 AR-1260-4	6.928	6.002	3957285	13956822	7.908	40.807 #
35)	L7 AR-1260-5	7.260	6.273f	2817885	14883279	2.882	17.906 #
36)	L8 AR-1262-1	6.704	5.793f	29513577	180214	44.466	0.352 #
37)	L8 AR-1262-2	7.260f	6.273	2817885	14883279	2.533	15.699 #
38)	L8 AR-1262-3	7.528	6.544	2720512	4487009	3.787	12.123 #
39)	L8 AR-1262-4	7.597	6.611	334376	392428	0.602	0.554
40)	L8 AR-1262-5	8.114f	7.089	1627470	858754	4.697	2.579 #
41)	L9 AR-1268-1	7.528	6.544	2720512	4487009	2.169	4.055 #

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 Acq On : 07 Nov 2022 22:20
 Operator : YP\AJ
 Sample : N5431-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

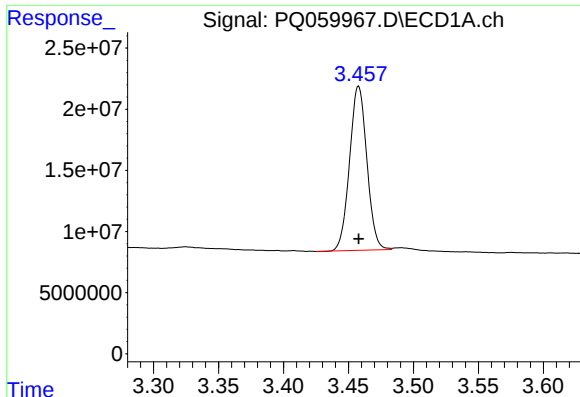
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 01:25:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 01 17:05:38 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
42) L9	AR-1268-2	7.597	6.611	334376	392428	0.291	0.384 #
43) L9	AR-1268-3	7.771	6.801	410397	294567	0.443	0.338
44) L9	AR-1268-4	8.114f	7.089	1627470	858754	4.186	2.280 #
45) L9	AR-1268-5	8.408f	7.349	491051	1438107	0.186	0.516 #

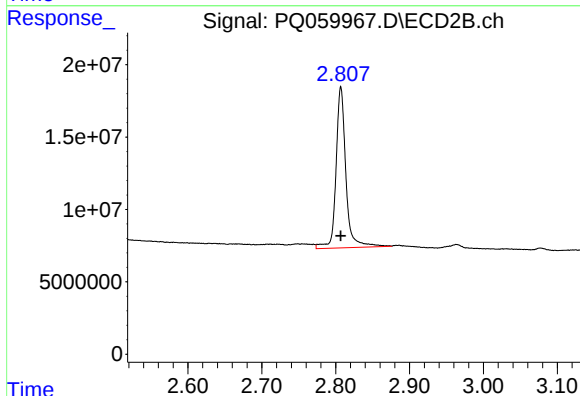
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

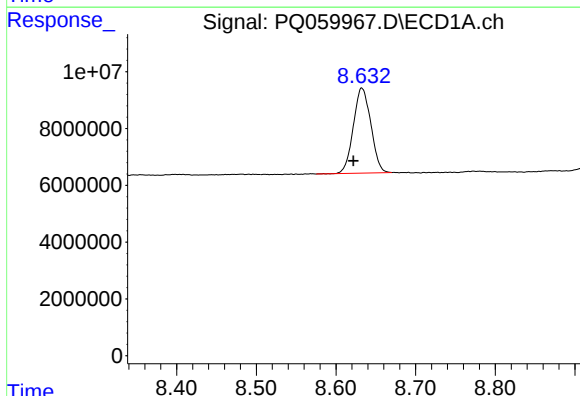
R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 124490383
Conc: 10.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



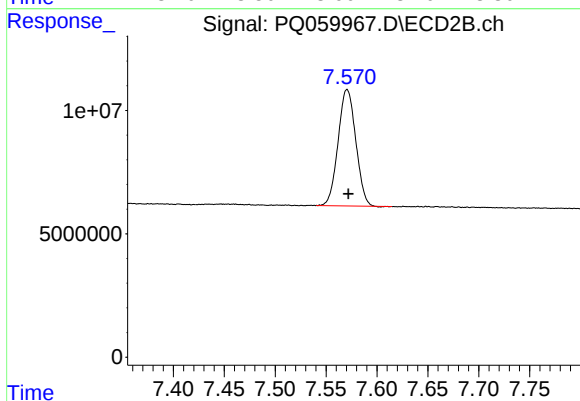
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.000 min
Response: 103178630
Conc: 13.00 ng/ml



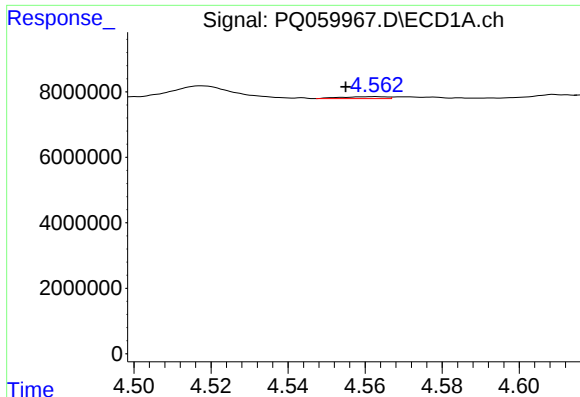
#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: 0.011 min
Response: 45717412
Conc: 6.27 ng/ml



#2 Decachlorobiphenyl

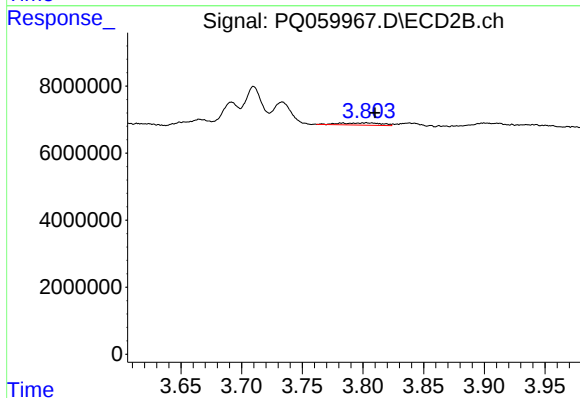
R.T.: 7.571 min
Delta R.T.: -0.001 min
Response: 57060744
Conc: 7.84 ng/ml



#3 AR-1016-1

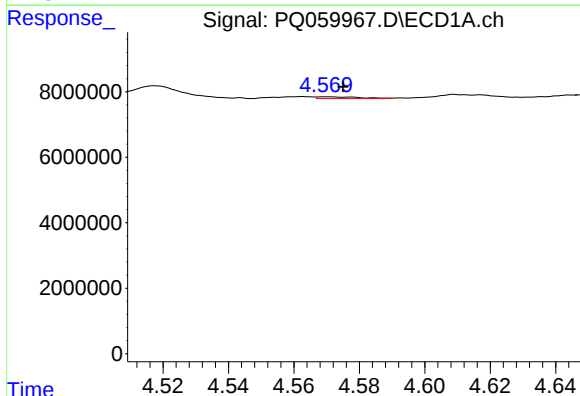
R.T.: 4.562 min
Delta R.T.: 0.007 min
Response: 477683
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



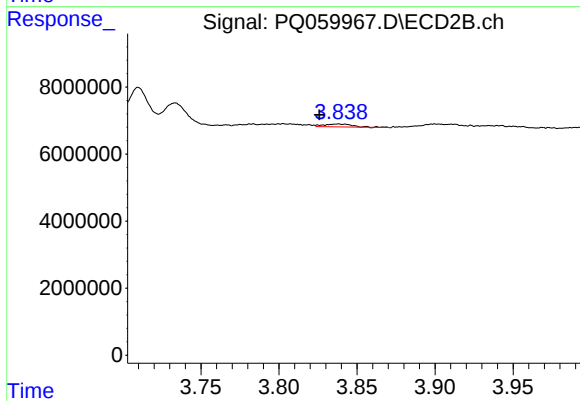
#3 AR-1016-1

R.T.: 3.783 min
Delta R.T.: -0.027 min
Response: 1530673
Conc: 5.78 ng/ml



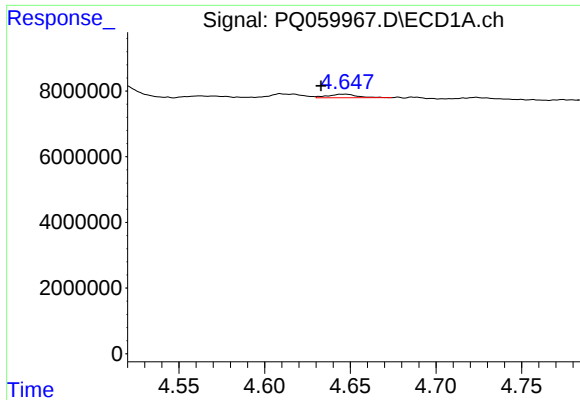
#4 AR-1016-2

R.T.: 4.570 min
Delta R.T.: -0.005 min
Response: 476550
Conc: 0.76 ng/ml



#4 AR-1016-2

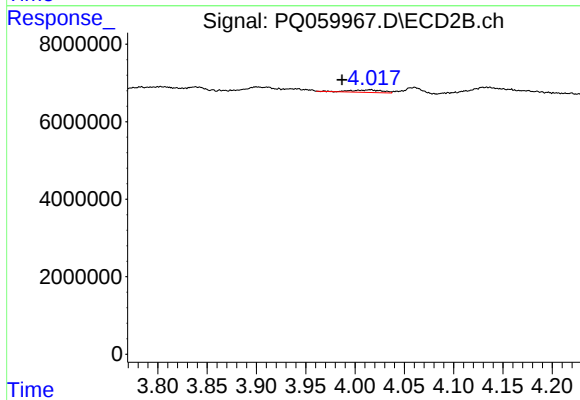
R.T.: 3.838 min
Delta R.T.: 0.012 min
Response: 1063428
Conc: 2.70 ng/ml



#5 AR-1016-3

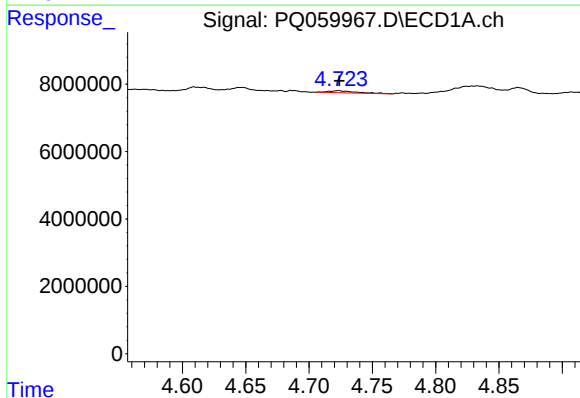
R.T.: 4.647 min
Delta R.T.: 0.014 min
Response: 1258173
Conc: 3.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



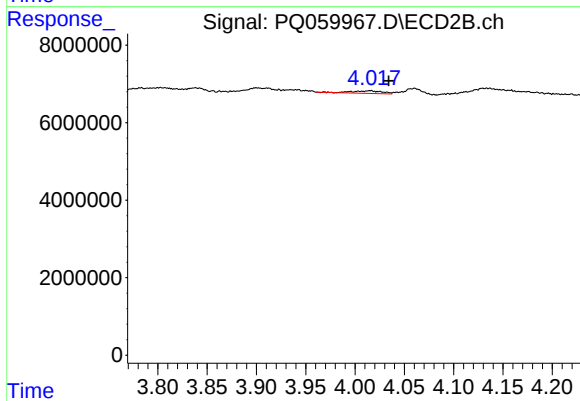
#5 AR-1016-3

R.T.: 4.016 min
Delta R.T.: 0.029 min
Response: 1388458
Conc: 6.78 ng/ml



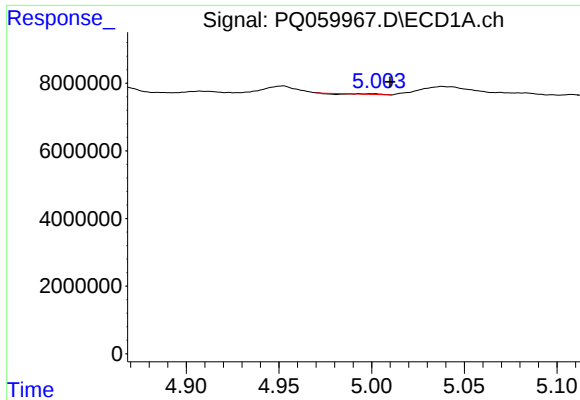
#6 AR-1016-4

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 880448
Conc: 2.73 ng/ml



#6 AR-1016-4

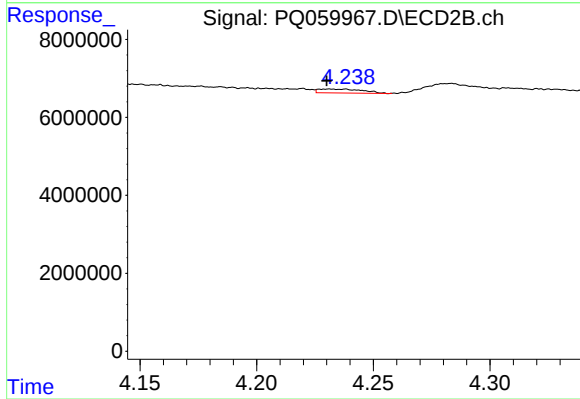
R.T.: 4.016 min
Delta R.T.: -0.018 min
Response: 1388458
Conc: 8.72 ng/ml



#7 AR-1016-5

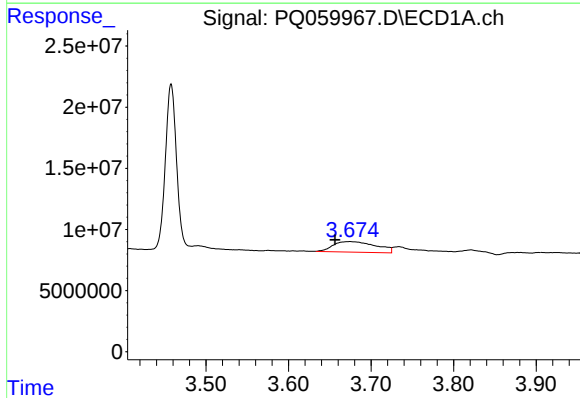
R.T.: 4.994 min
Delta R.T.: -0.016 min
Response: 38132
Conc: 0.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



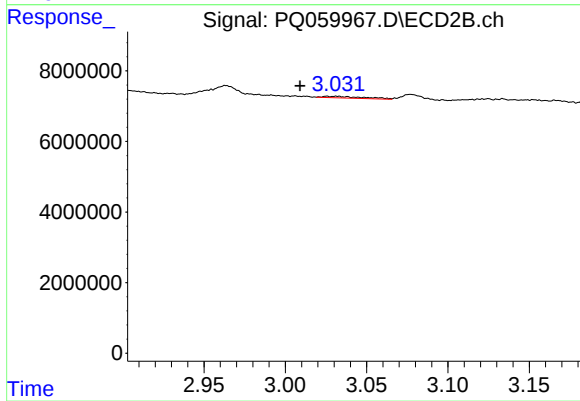
#7 AR-1016-5

R.T.: 4.231 min
Delta R.T.: 0.001 min
Response: 1329686
Conc: 6.45 ng/ml



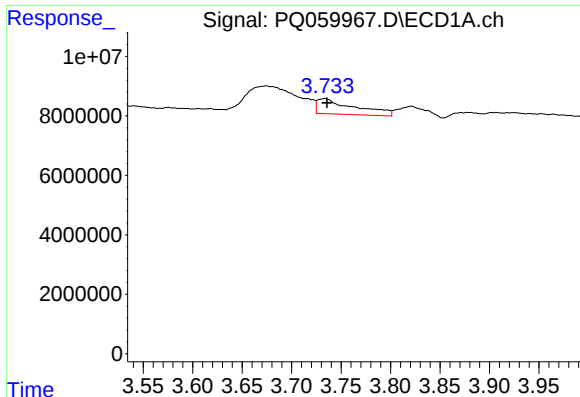
#8 AR-1221-1

R.T.: 3.674 min
Delta R.T.: 0.018 min
Response: 31105190
Conc: 213.43 ng/ml



#8 AR-1221-1

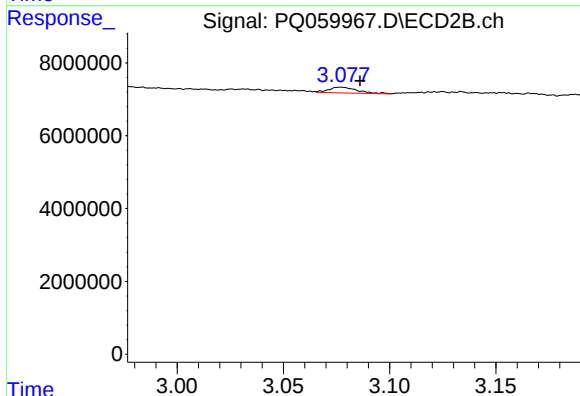
R.T.: 3.026 min
Delta R.T.: 0.017 min
Response: 870341
Conc: 9.50 ng/ml



#9 AR-1221-2

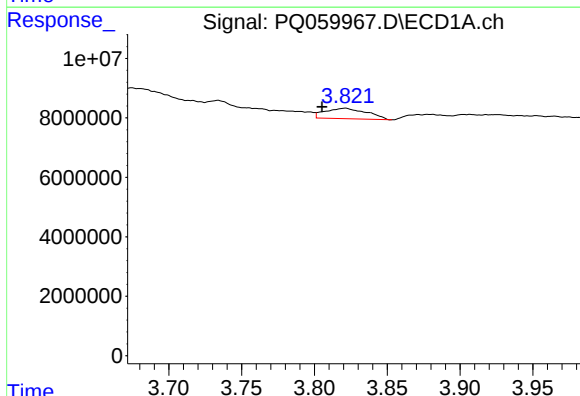
R.T.: 3.734 min
Delta R.T.: -0.002 min
Response: 13383848
Conc: 121.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



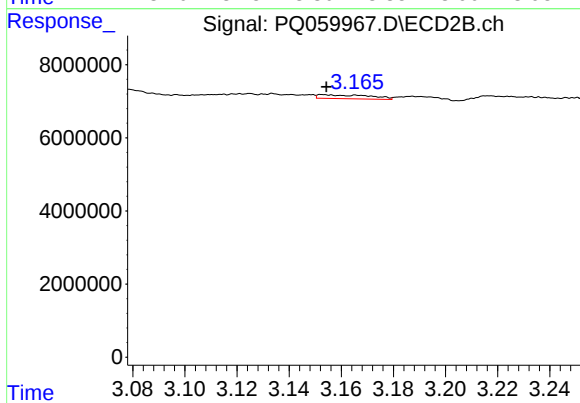
#9 AR-1221-2

R.T.: 3.077 min
Delta R.T.: -0.009 min
Response: 1475752
Conc: 21.63 ng/ml



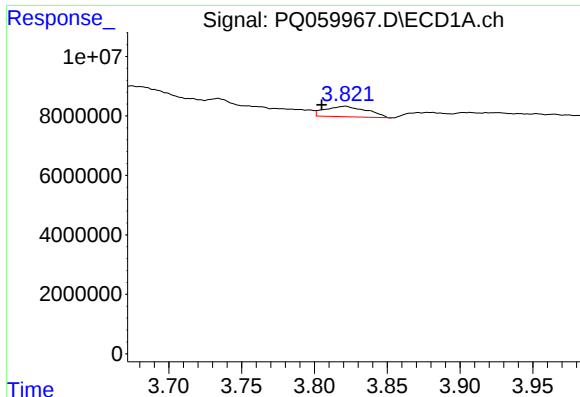
#10 AR-1221-3

R.T.: 3.821 min
Delta R.T.: 0.016 min
Response: 6943488
Conc: 21.44 ng/ml



#10 AR-1221-3

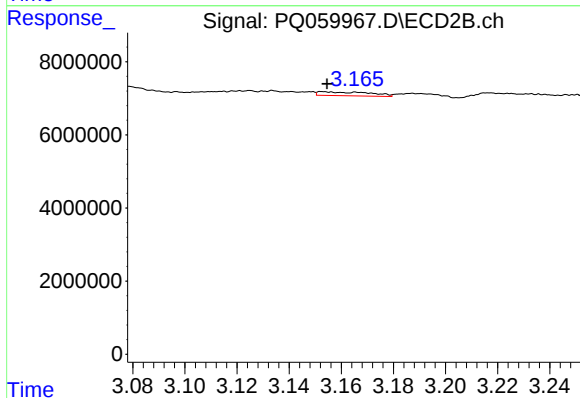
R.T.: 3.153 min
Delta R.T.: -0.002 min
Response: 1459069
Conc: 6.86 ng/ml



#11 AR-1232-1

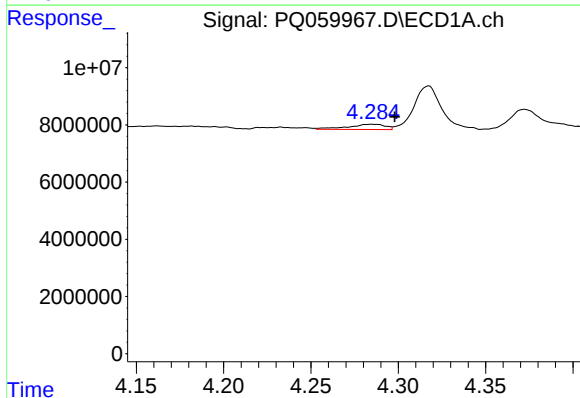
R.T.: 3.821 min
Delta R.T.: 0.016 min
Response: 6943488
Conc: 28.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



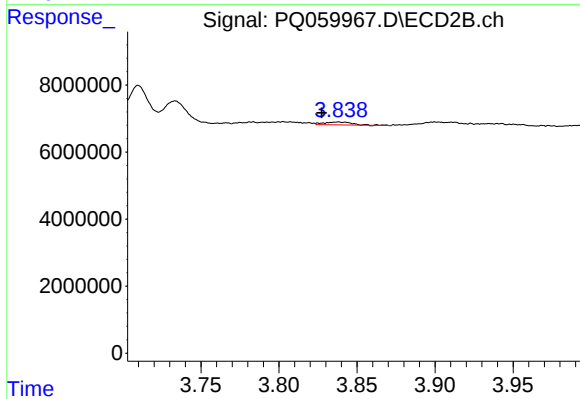
#11 AR-1232-1

R.T.: 3.153 min
Delta R.T.: -0.002 min
Response: 1459069
Conc: 9.00 ng/ml



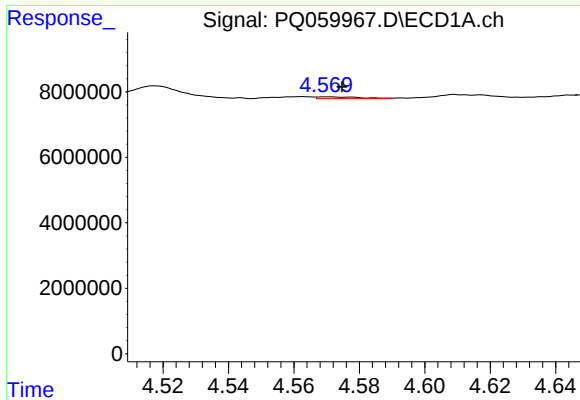
#12 AR-1232-2

R.T.: 4.285 min
Delta R.T.: -0.013 min
Response: 2691686
Conc: 17.73 ng/ml



#12 AR-1232-2

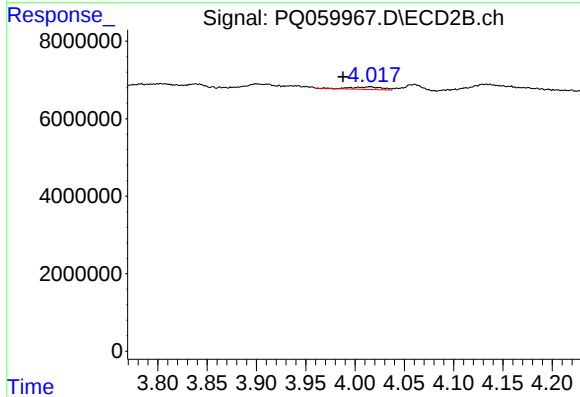
R.T.: 3.838 min
Delta R.T.: 0.011 min
Response: 1063428
Conc: 6.18 ng/ml



#13 AR-1232-3

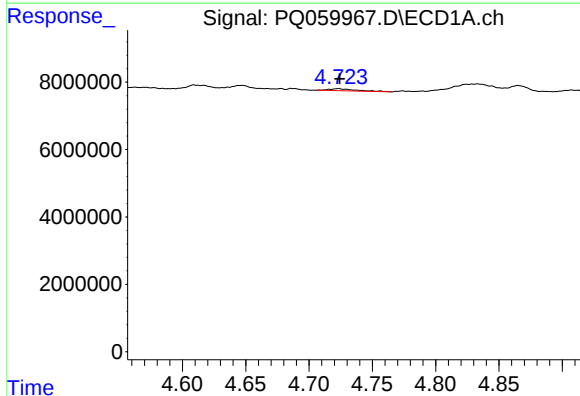
R.T.: 4.570 min
Delta R.T.: -0.004 min
Response: 476550
Conc: 1.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



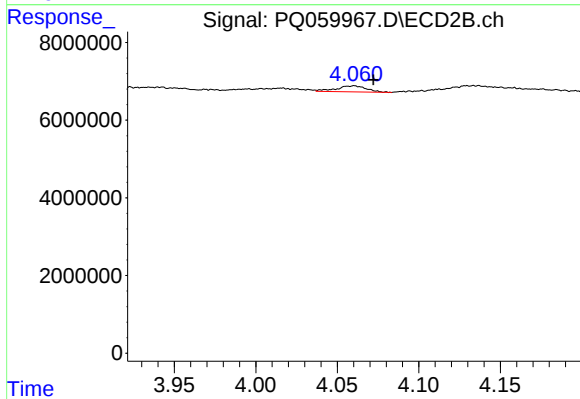
#13 AR-1232-3

R.T.: 4.016 min
Delta R.T.: 0.028 min
Response: 1388458
Conc: 15.51 ng/ml



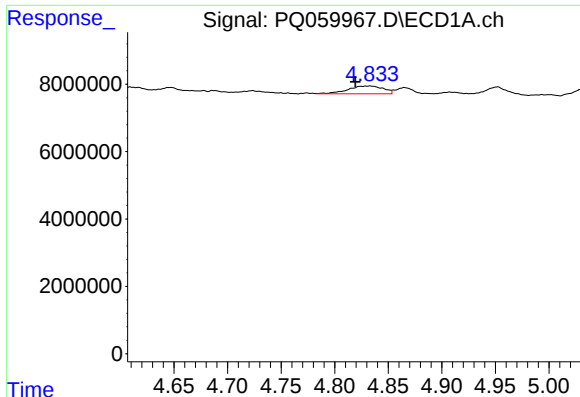
#14 AR-1232-4

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 880448
Conc: 6.22 ng/ml



#14 AR-1232-4

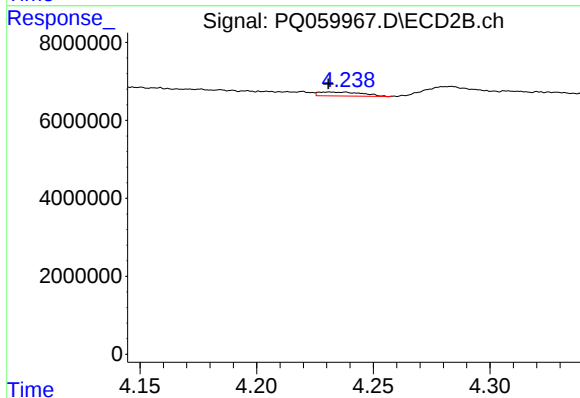
R.T.: 4.060 min
Delta R.T.: -0.012 min
Response: 2026249
Conc: 27.54 ng/ml



#15 AR-1232-5

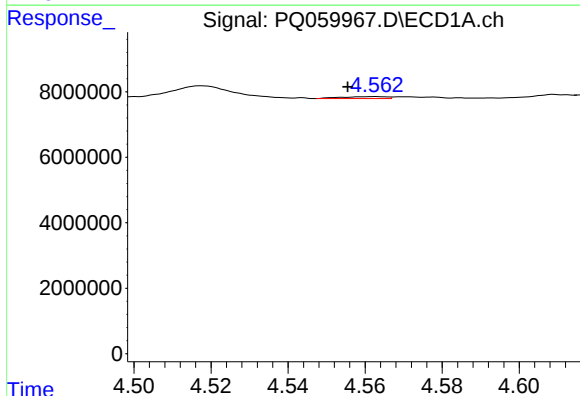
R.T.: 4.833 min
Delta R.T.: 0.014 min
Response: 5336220
Conc: 53.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



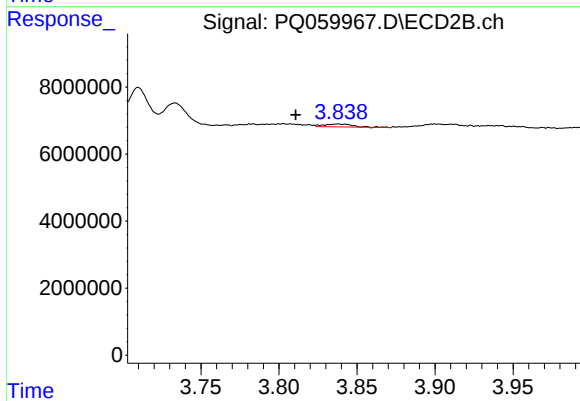
#15 AR-1232-5

R.T.: 4.231 min
Delta R.T.: 0.000 min
Response: 1329686
Conc: 15.07 ng/ml



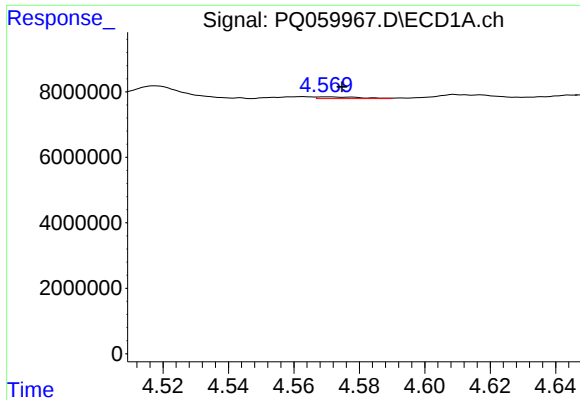
#16 AR-1242-1

R.T.: 4.562 min
Delta R.T.: 0.007 min
Response: 477683
Conc: 1.42 ng/ml



#16 AR-1242-1

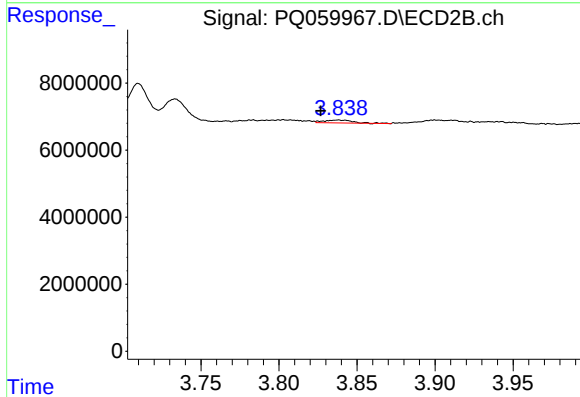
R.T.: 3.838 min
Delta R.T.: 0.027 min
Response: 1063428
Conc: 5.17 ng/ml



#17 AR-1242-2

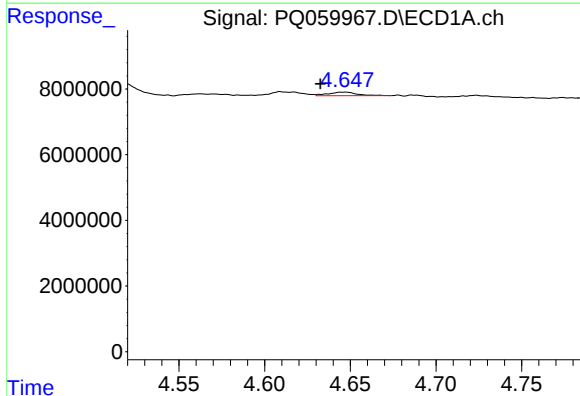
R.T.: 4.570 min
Delta R.T.: -0.005 min
Response: 476550
Conc: 0.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



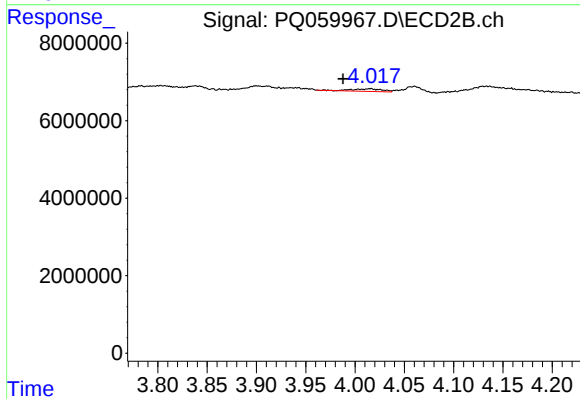
#17 AR-1242-2

R.T.: 3.838 min
Delta R.T.: 0.011 min
Response: 1063428
Conc: 3.46 ng/ml



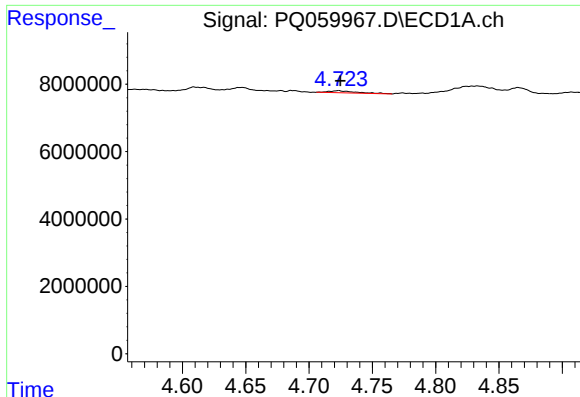
#18 AR-1242-3

R.T.: 4.647 min
Delta R.T.: 0.014 min
Response: 1258173
Conc: 4.19 ng/ml



#18 AR-1242-3

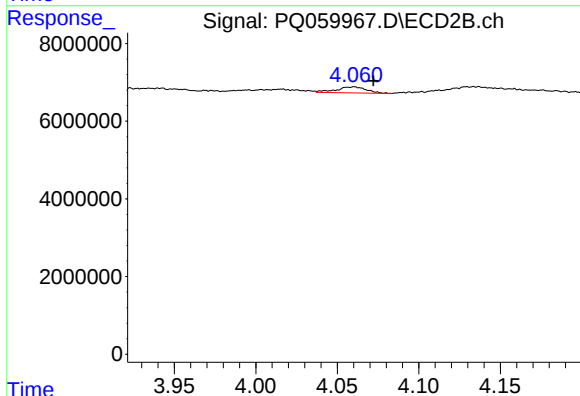
R.T.: 4.016 min
Delta R.T.: 0.028 min
Response: 1388458
Conc: 8.70 ng/ml



#19 AR-1242-4

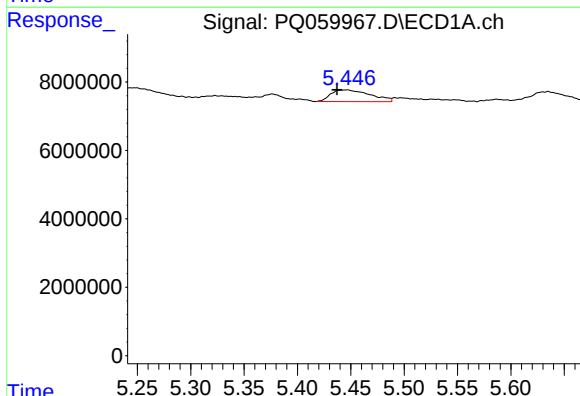
R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 880448
Conc: 3.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



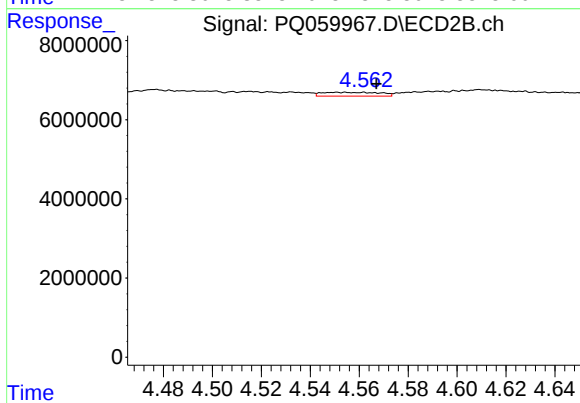
#19 AR-1242-4

R.T.: 4.060 min
Delta R.T.: -0.012 min
Response: 2026249
Conc: 13.82 ng/ml



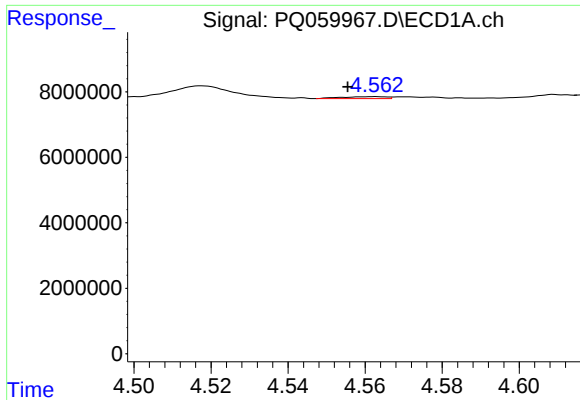
#20 AR-1242-5

R.T.: 5.446 min
Delta R.T.: 0.009 min
Response: 8791499
Conc: 33.04 ng/ml



#20 AR-1242-5

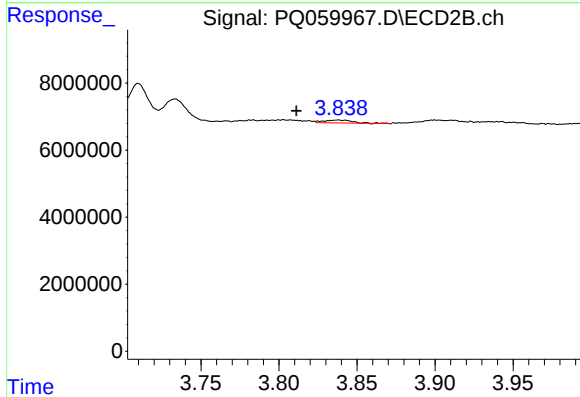
R.T.: 4.551 min
Delta R.T.: -0.016 min
Response: 1574985
Conc: 7.68 ng/ml



#21 AR-1248-1

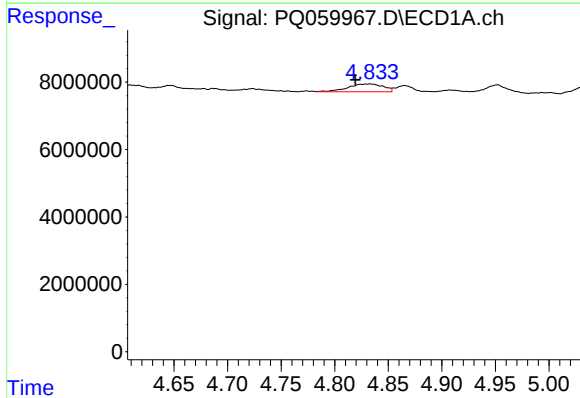
R.T.: 4.562 min
Delta R.T.: 0.007 min
Response: 477683
Conc: 1.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



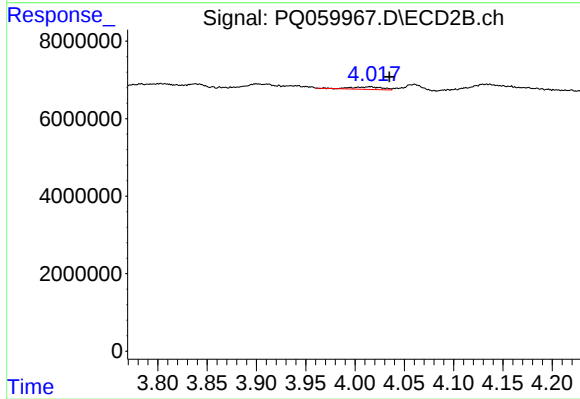
#21 AR-1248-1

R.T.: 3.838 min
Delta R.T.: 0.027 min
Response: 1063428
Conc: 6.70 ng/ml



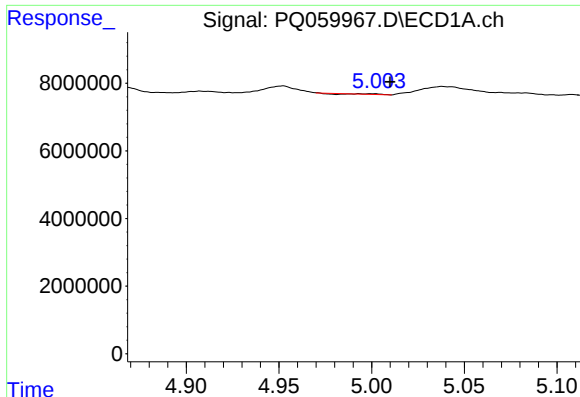
#22 AR-1248-2

R.T.: 4.833 min
Delta R.T.: 0.014 min
Response: 5336220
Conc: 16.33 ng/ml



#22 AR-1248-2

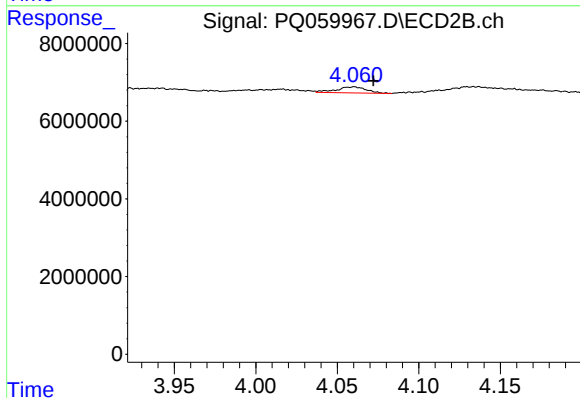
R.T.: 4.016 min
Delta R.T.: -0.019 min
Response: 1388458
Conc: 6.44 ng/ml



#23 AR-1248-3

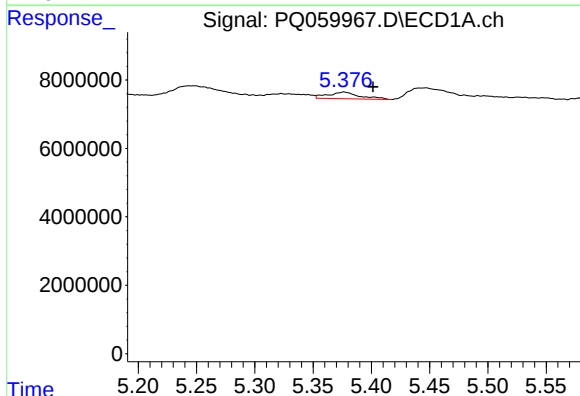
R.T.: 4.994 min
Delta R.T.: -0.016 min
Response: 38132
Conc: 0.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



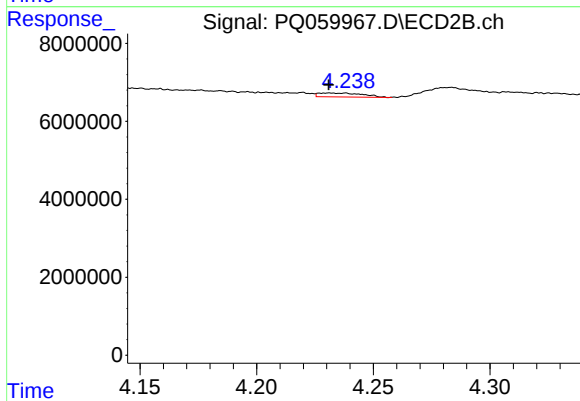
#23 AR-1248-3

R.T.: 4.060 min
Delta R.T.: -0.012 min
Response: 2026249
Conc: 9.63 ng/ml



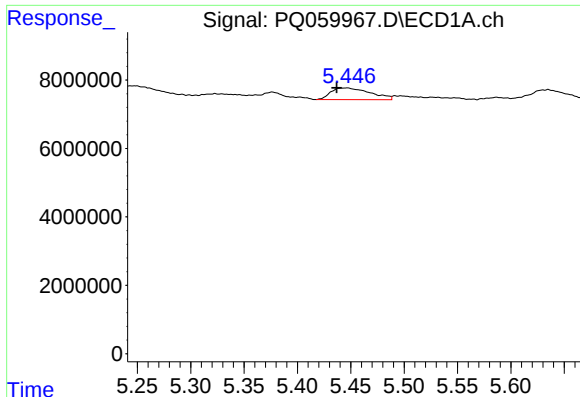
#24 AR-1248-4

R.T.: 5.376 min
Delta R.T.: -0.025 min
Response: 3722863
Conc: 8.41 ng/ml



#24 AR-1248-4

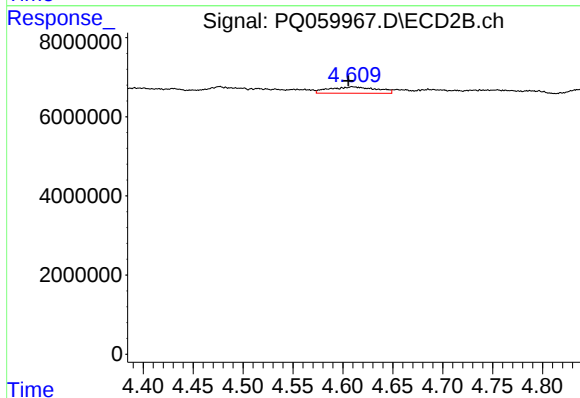
R.T.: 4.231 min
Delta R.T.: 0.000 min
Response: 1329686
Conc: 5.00 ng/ml



#25 AR-1248-5

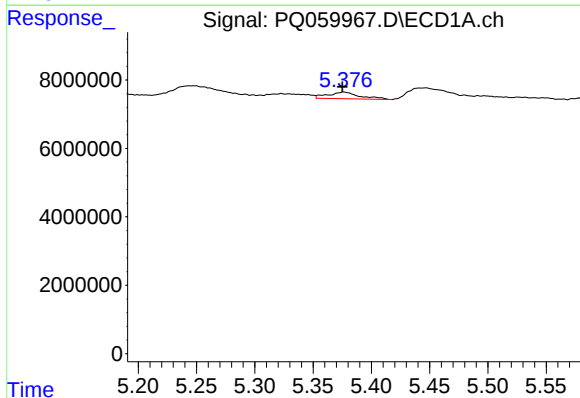
R.T.: 5.446 min
Delta R.T.: 0.010 min
Response: 8791499
Conc: 20.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



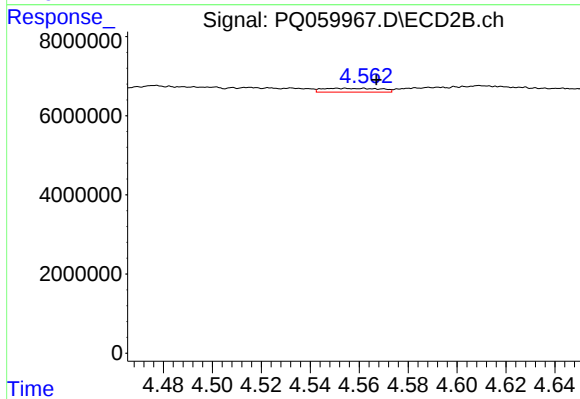
#25 AR-1248-5

R.T.: 4.609 min
Delta R.T.: 0.004 min
Response: 5330878
Conc: 20.32 ng/ml



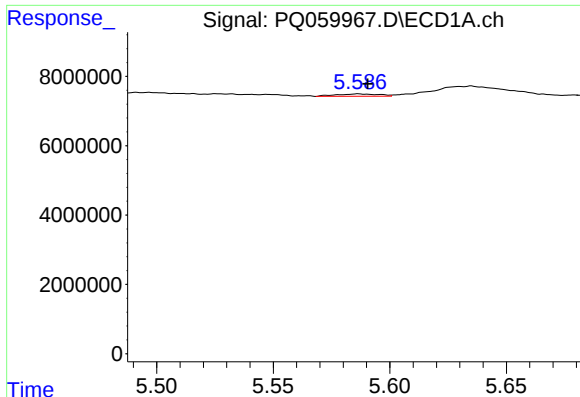
#26 AR-1254-1

R.T.: 5.376 min
Delta R.T.: 0.001 min
Response: 3722863
Conc: 8.24 ng/ml



#26 AR-1254-1

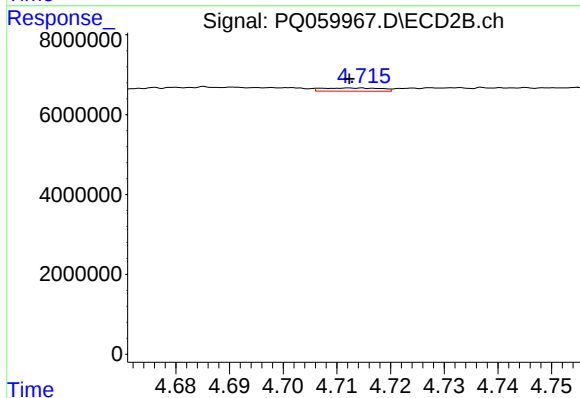
R.T.: 4.551 min
Delta R.T.: -0.016 min
Response: 1574985
Conc: 3.87 ng/ml



#27 AR-1254-2

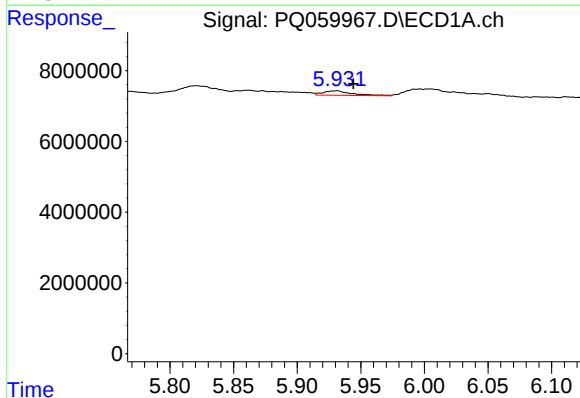
R.T.: 5.587 min
Delta R.T.: -0.004 min
Response: 883483
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



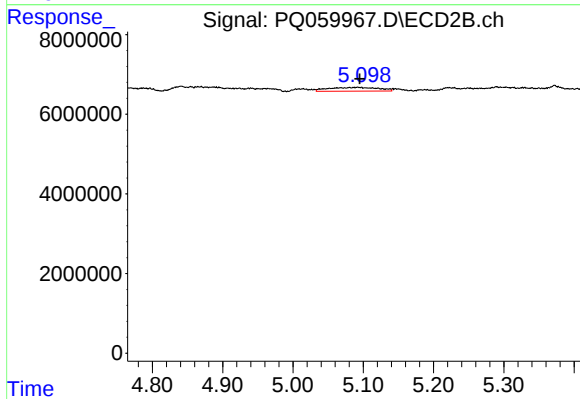
#27 AR-1254-2

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 605281
Conc: 1.68 ng/ml



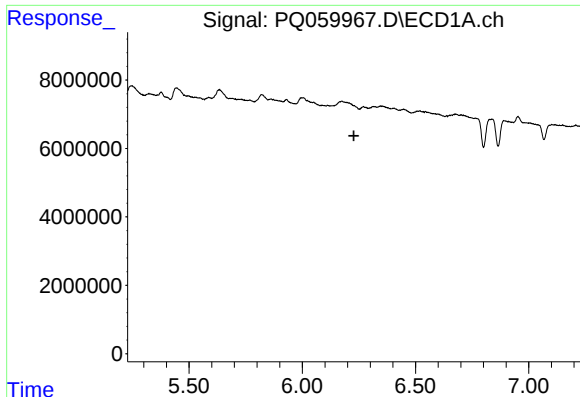
#28 AR-1254-3

R.T.: 5.931 min
Delta R.T.: -0.013 min
Response: 1938026
Conc: 2.66 ng/ml



#28 AR-1254-3

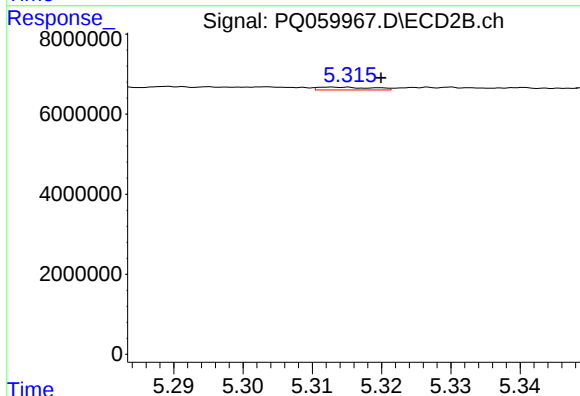
R.T.: 5.092 min
Delta R.T.: -0.003 min
Response: 4722203
Conc: 8.23 ng/ml



#29 AR-1254-4

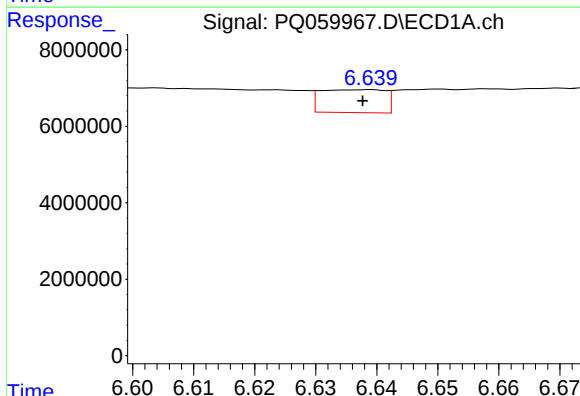
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



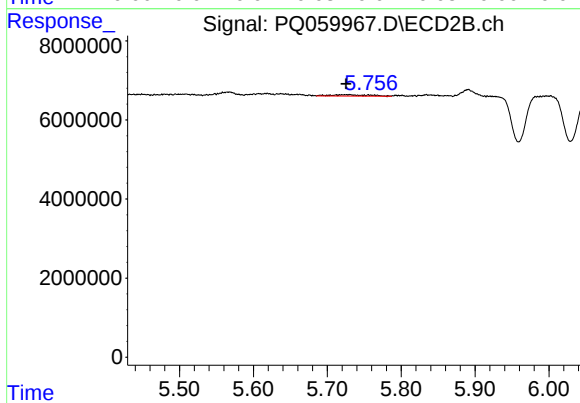
#29 AR-1254-4

R.T.: 5.313 min
Delta R.T.: -0.006 min
Response: 386766
Conc: 1.06 ng/ml



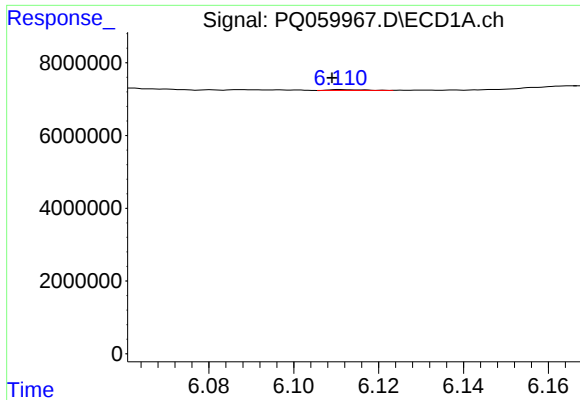
#30 AR-1254-5

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 4402005
Conc: 7.41 ng/ml



#30 AR-1254-5

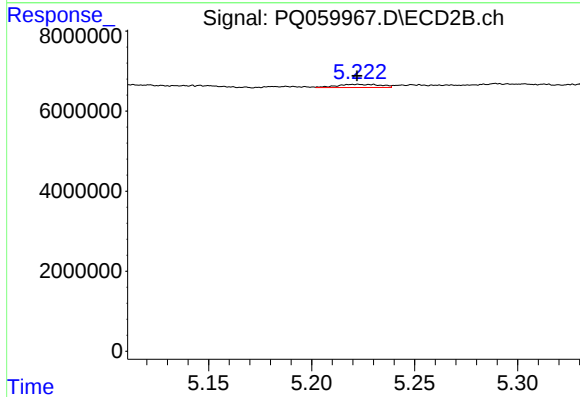
R.T.: 5.731 min
Delta R.T.: 0.005 min
Response: 1155405
Conc: 2.16 ng/ml



#31 AR-1260-1

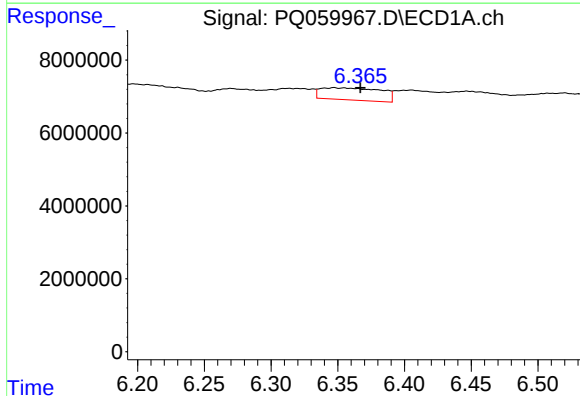
R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 118483
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



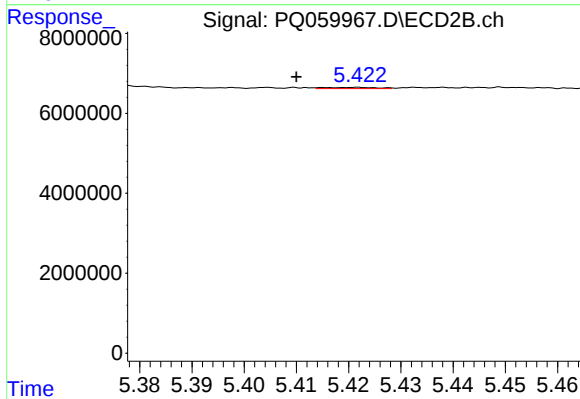
#31 AR-1260-1

R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 1155032
Conc: 2.92 ng/ml



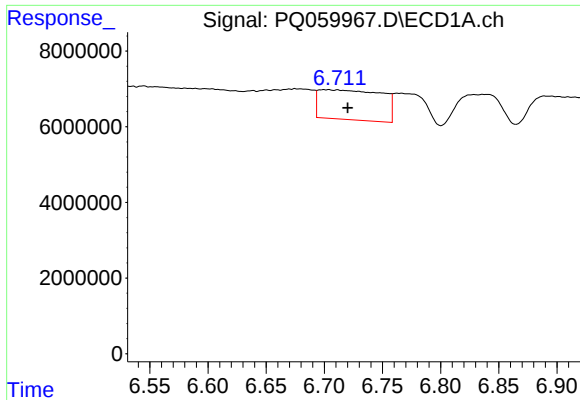
#32 AR-1260-2

R.T.: 6.347 min
Delta R.T.: -0.020 min
Response: 10467227
Conc: 15.63 ng/ml



#32 AR-1260-2

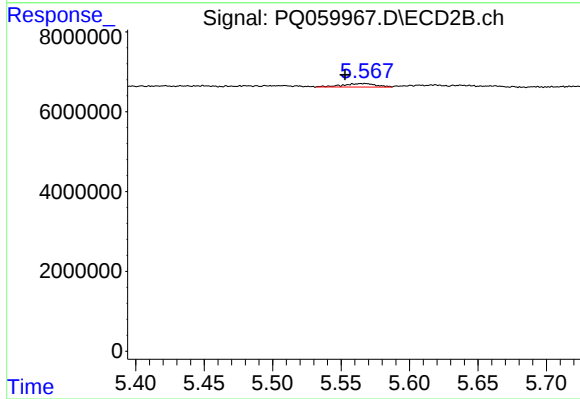
R.T.: 5.422 min
Delta R.T.: 0.012 min
Response: 210035
Conc: 0.44 ng/ml



#33 AR-1260-3

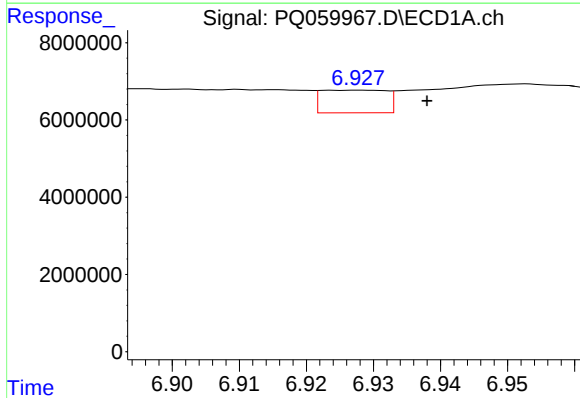
R.T.: 6.704 min
Delta R.T.: -0.016 min
Response: 29513577
Conc: 69.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



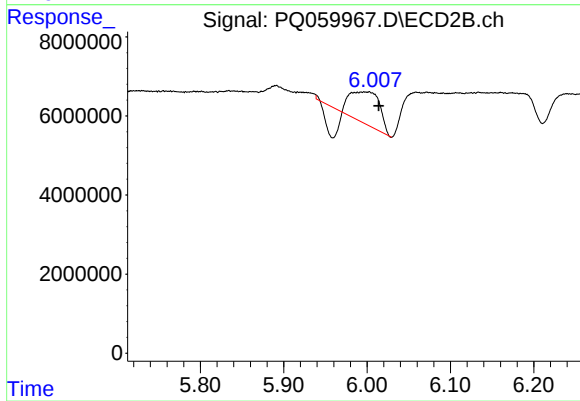
#33 AR-1260-3

R.T.: 5.567 min
Delta R.T.: 0.014 min
Response: 1438720
Conc: 3.10 ng/ml



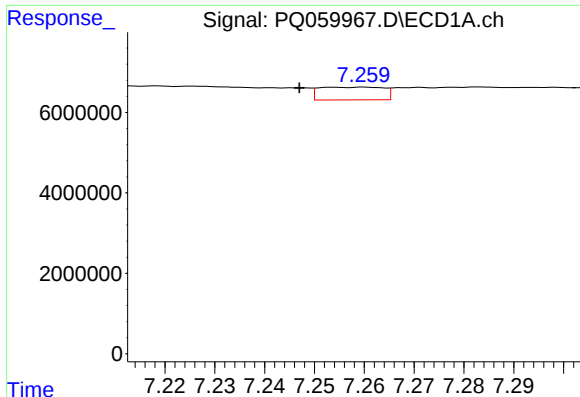
#34 AR-1260-4

R.T.: 6.928 min
Delta R.T.: -0.010 min
Response: 3957285
Conc: 7.91 ng/ml



#34 AR-1260-4

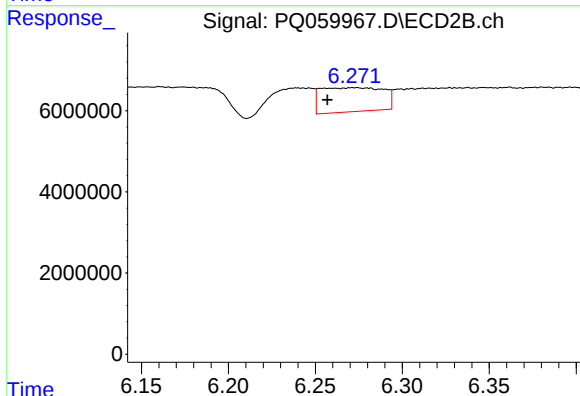
R.T.: 6.002 min
Delta R.T.: -0.012 min
Response: 13956822
Conc: 40.81 ng/ml



#35 AR-1260-5

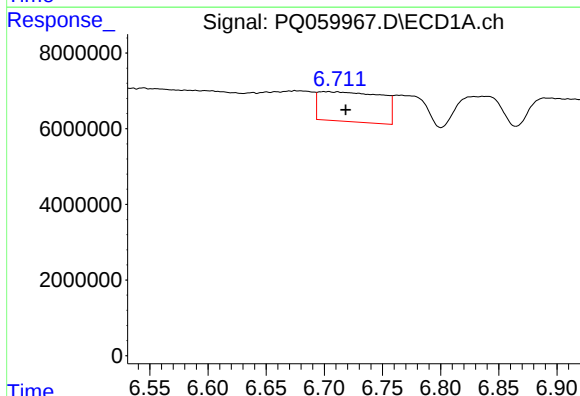
R.T.: 7.260 min
Delta R.T.: 0.013 min
Response: 2817885
Conc: 2.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



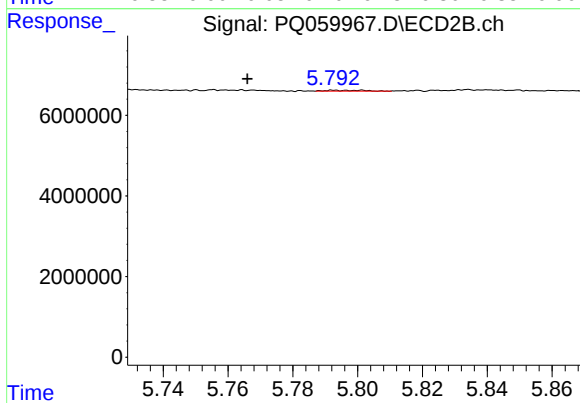
#35 AR-1260-5

R.T.: 6.273 min
Delta R.T.: 0.016 min
Response: 14883279
Conc: 17.91 ng/ml



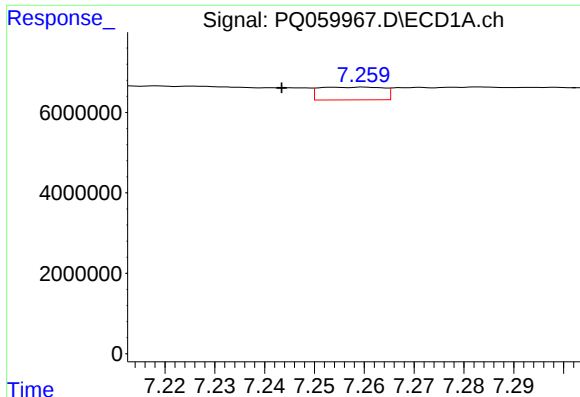
#36 AR-1262-1

R.T.: 6.704 min
Delta R.T.: -0.015 min
Response: 29513577
Conc: 44.47 ng/ml



#36 AR-1262-1

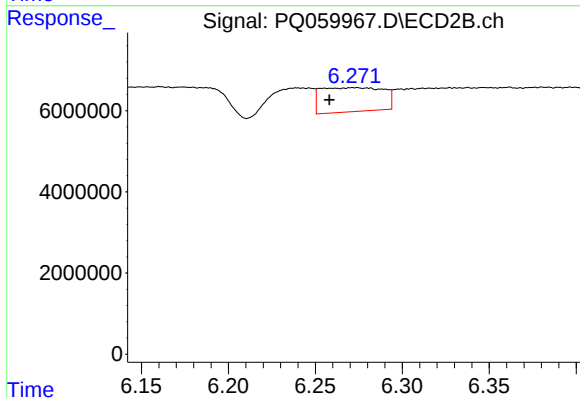
R.T.: 5.793 min
Delta R.T.: 0.027 min
Response: 180214
Conc: 0.35 ng/ml



#37 AR-1262-2

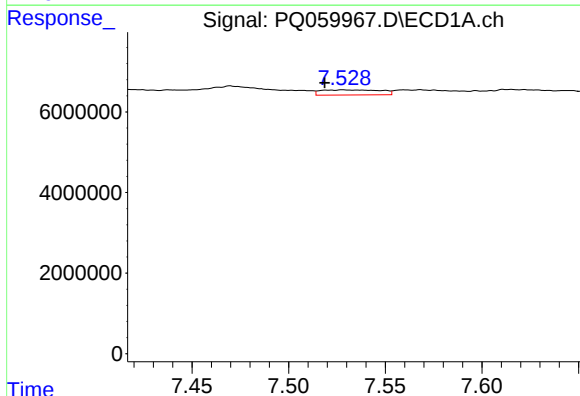
R.T.: 7.260 min
Delta R.T.: 0.016 min
Response: 2817885
Conc: 2.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



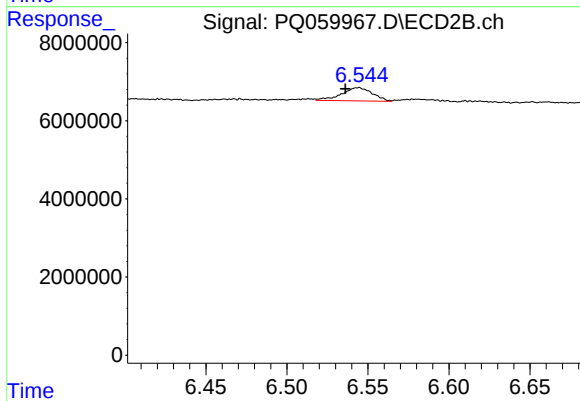
#37 AR-1262-2

R.T.: 6.273 min
Delta R.T.: 0.014 min
Response: 14883279
Conc: 15.70 ng/ml



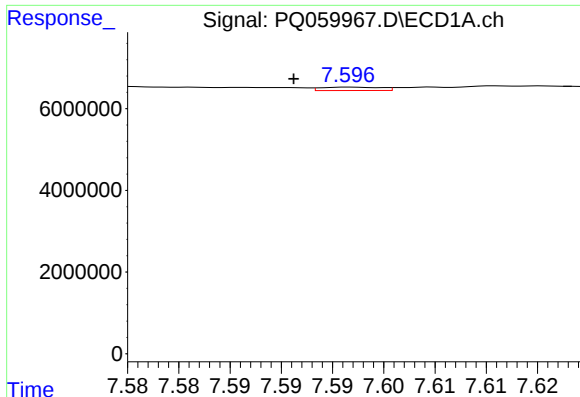
#38 AR-1262-3

R.T.: 7.528 min
Delta R.T.: 0.010 min
Response: 2720512
Conc: 3.79 ng/ml



#38 AR-1262-3

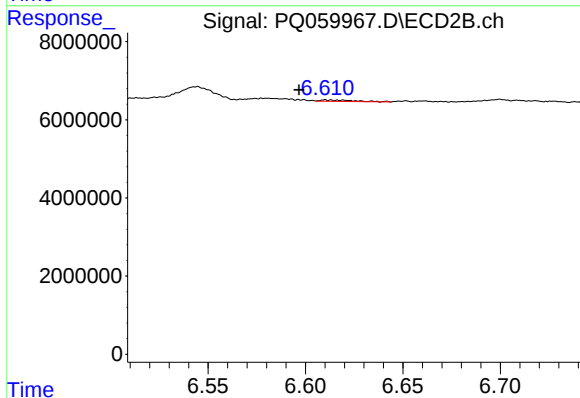
R.T.: 6.544 min
Delta R.T.: 0.008 min
Response: 4487009
Conc: 12.12 ng/ml



#39 AR-1262-4

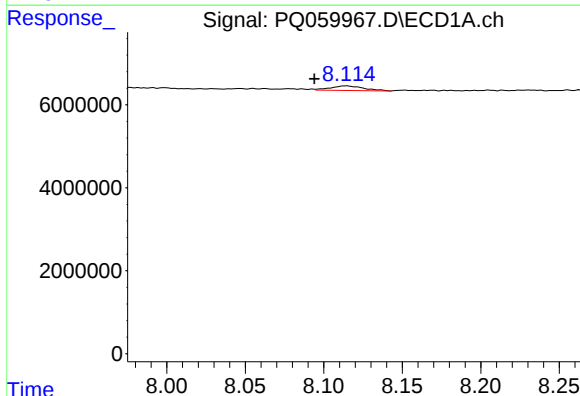
R.T.: 7.597 min
Delta R.T.: 0.006 min
Response: 334376
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



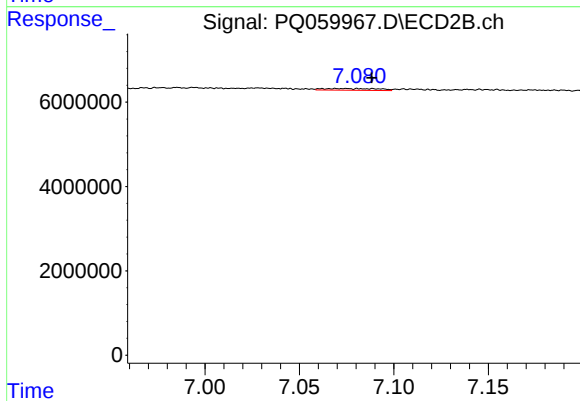
#39 AR-1262-4

R.T.: 6.611 min
Delta R.T.: 0.014 min
Response: 392428
Conc: 0.55 ng/ml



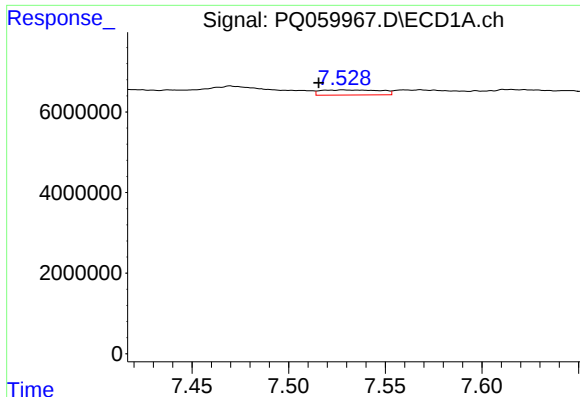
#40 AR-1262-5

R.T.: 8.114 min
Delta R.T.: 0.020 min
Response: 1627470
Conc: 4.70 ng/ml



#40 AR-1262-5

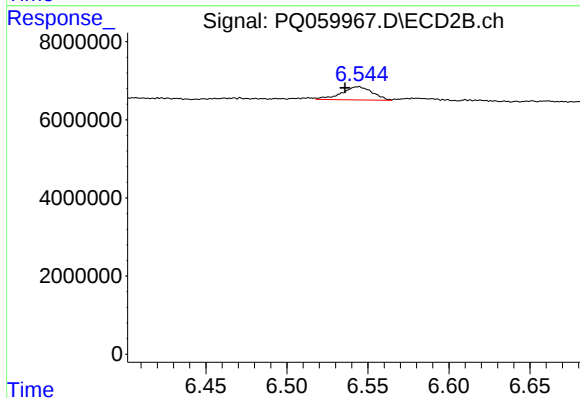
R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 858754
Conc: 2.58 ng/ml



#41 AR-1268-1

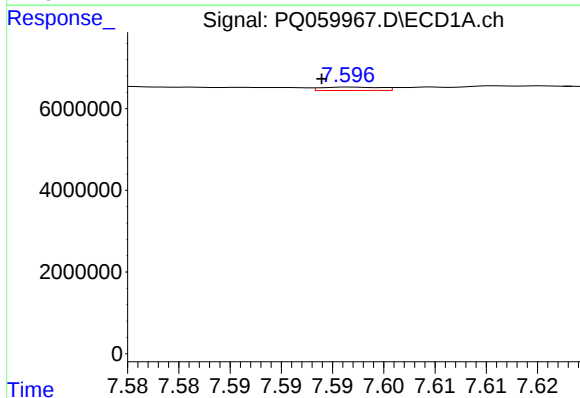
R.T.: 7.528 min
Delta R.T.: 0.013 min
Response: 2720512
Conc: 2.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



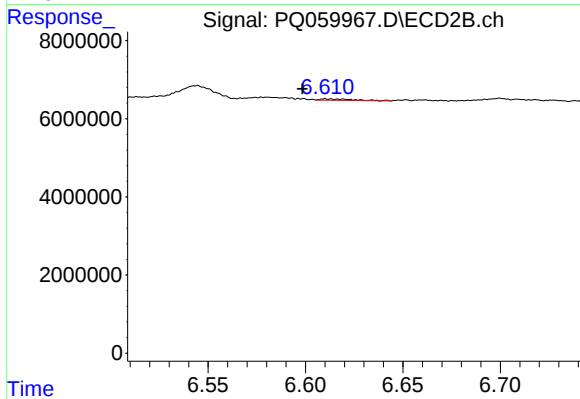
#41 AR-1268-1

R.T.: 6.544 min
Delta R.T.: 0.008 min
Response: 4487009
Conc: 4.06 ng/ml



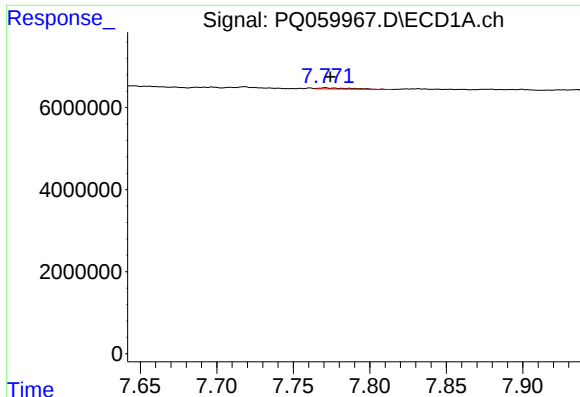
#42 AR-1268-2

R.T.: 7.597 min
Delta R.T.: 0.003 min
Response: 334376
Conc: 0.29 ng/ml



#42 AR-1268-2

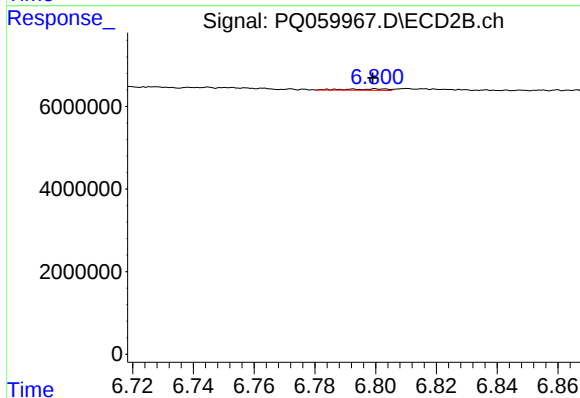
R.T.: 6.611 min
Delta R.T.: 0.012 min
Response: 392428
Conc: 0.38 ng/ml



#43 AR-1268-3

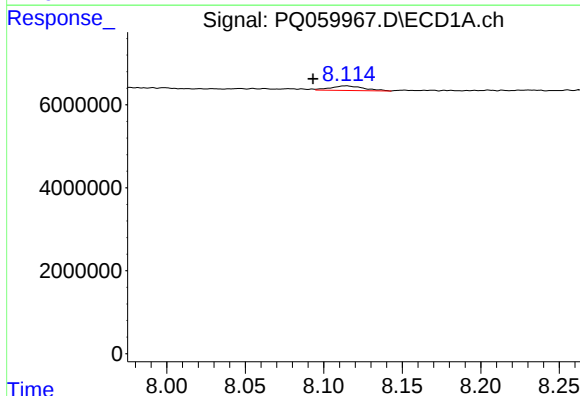
R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 410397
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



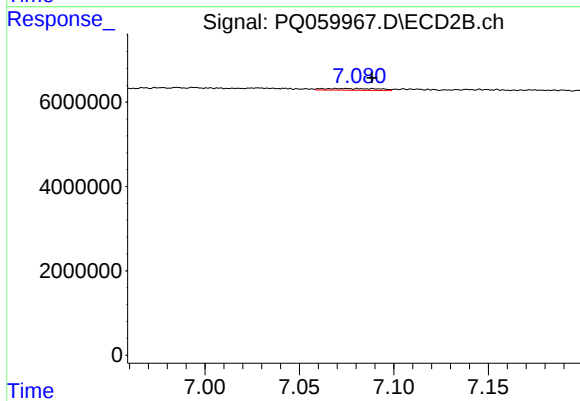
#43 AR-1268-3

R.T.: 6.801 min
Delta R.T.: 0.002 min
Response: 294567
Conc: 0.34 ng/ml



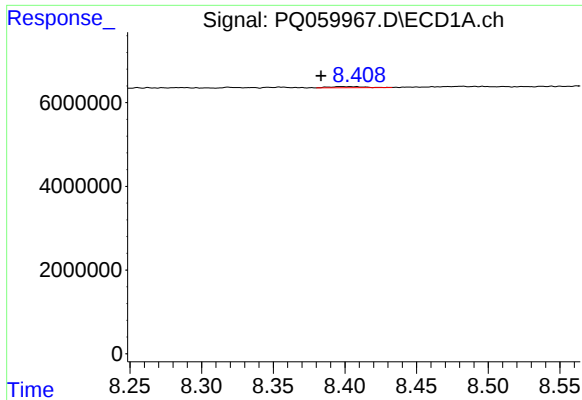
#44 AR-1268-4

R.T.: 8.114 min
Delta R.T.: 0.021 min
Response: 1627470
Conc: 4.19 ng/ml



#44 AR-1268-4

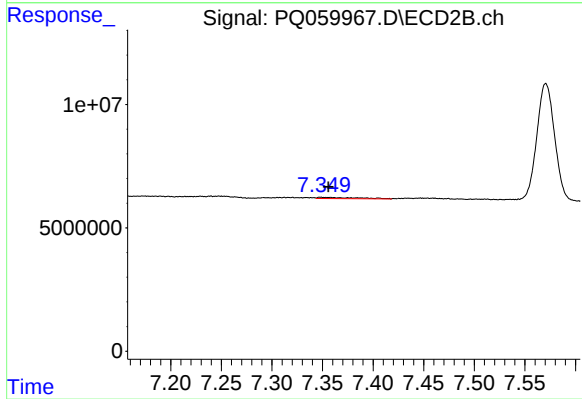
R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 858754
Conc: 2.28 ng/ml



#45 AR-1268-5

R.T.: 8.408 min
Delta R.T.: 0.024 min
Response: 491051
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.349 min
Delta R.T.: -0.006 min
Response: 1438107
Conc: 0.52 ng/ml