

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100522\
 Data File : PQ059415.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2022 23:28
 Operator : YP\AJ
 Sample : N4901-20
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 04:36:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 04 21:36:00 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.484	2.831	283.3E6	196.7E6	20.575	21.716
2)	SA Decachlor...	8.655	7.611	115.0E6	169.5E6	23.159	22.192
Target Compounds							
3)	L1 AR-1016-1	4.583	3.840	5268200	2257522	12.562	8.006 #
4)	L1 AR-1016-2	4.606	3.856	12409531	2751733	20.017	6.479 #
5)	L1 AR-1016-3	4.668	4.019	6078127	6384083	15.400	28.703 #
6)	L1 AR-1016-4	4.751	4.064	16230535	10429059	49.290	61.002
7)	L1 AR-1016-5	5.039	4.261	24537975	14615404	78.224	64.872
8)	L2 AR-1221-1	3.685	3.080f	476268	97026	3.220	0.977 #
9)	L2 AR-1221-2	3.764	3.103	5679090	2864890	54.873	41.854
10)	L2 AR-1221-3	3.834	3.159	499299	827331	1.500	3.607 #
11)	L3 AR-1232-1	3.834	3.159	499299	827331	1.774	4.297 #
12)	L3 AR-1232-2	4.328	3.856	10443378	2751733	71.085	14.610 #
13)	L3 AR-1232-3	4.606	4.019	12409531	6384083	43.484	65.466 #
14)	L3 AR-1232-4	4.751	4.101	16230535	9600401	108.481	117.606
15)	L3 AR-1232-5	4.848	4.261	19519386	14615404	185.968	153.064
16)	L4 AR-1242-1	4.583	3.840	5268200	2257522	15.123	9.729 #
17)	L4 AR-1242-2	4.606	3.856	12409531	2751733	24.261	7.894 #
18)	L4 AR-1242-3	4.668	4.019	6078127	6384083	18.795	34.937 #
19)	L4 AR-1242-4	4.751	4.101	16230535	9600401	60.232	56.917
20)	L4 AR-1242-5	5.468	4.597	6431846	4094549	23.932	18.510
21)	L5 AR-1248-1	4.583	3.840	5268200	2257522	19.863	12.698 #
22)	L5 AR-1248-2	4.848	4.064	19519386	10429059	54.751	41.310
23)	L5 AR-1248-3	5.039	4.101	24537975	9600401	57.134	38.025 #
24)	L5 AR-1248-4	5.428	4.261	4288087	14615404	9.225	46.793 #
25)	L5 AR-1248-5	5.468	4.636	6431846	3536446	13.972	11.255
26)	L6 AR-1254-1	5.403	4.597	9939552	4094549	20.725	8.375 #
27)	L6 AR-1254-2	5.616	4.745	1524239	2125967	2.049	4.909 #
28)	L6 AR-1254-3	5.957	5.129	3121184	5545170	3.989	8.002 #
29)	L6 AR-1254-4	6.293f	5.353	357839	560513	0.655	1.302 #
30)	L6 AR-1254-5	6.647	5.722f	157281	1940283	0.265	3.135 #
31)	L7 AR-1260-1	6.143	5.269	328701	1870605	0.591	4.152 #
32)	L7 AR-1260-2	6.380	5.458	255835	152412	0.401	0.277 #
33)	L7 AR-1260-3	6.765	5.601	101197	931051	0.226	1.795 #
34)	L7 AR-1260-4	7.013f	6.021	157071	2273835	0.326	5.144 #
35)	L7 AR-1260-5	0.000	6.276	0	659141	N.D.	0.646 #
36)	L8 AR-1262-1	6.765	5.807	101197	787540	0.146	1.236 #
37)	L8 AR-1262-2	0.000	6.276	0	659141	N.D.	0.564 #
38)	L8 AR-1262-3	0.000	6.544	0	1478260	N.D.	3.210 #
39)	L8 AR-1262-4	0.000	6.622	0	1204413	N.D.	1.374 #
40)	L8 AR-1262-5	0.000	7.130	0	248889	N.D.	0.626 #
41)	L9 AR-1268-1	0.000	6.544	0	1478260	N.D.	1.051 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100522\
 Data File : PQ059415.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2022 23:28
 Operator : YP\AJ
 Sample : N4901-20
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 04:36:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 04 21:36:00 2022
 Response via : Initial Calibration
 Integrator: ChemStation

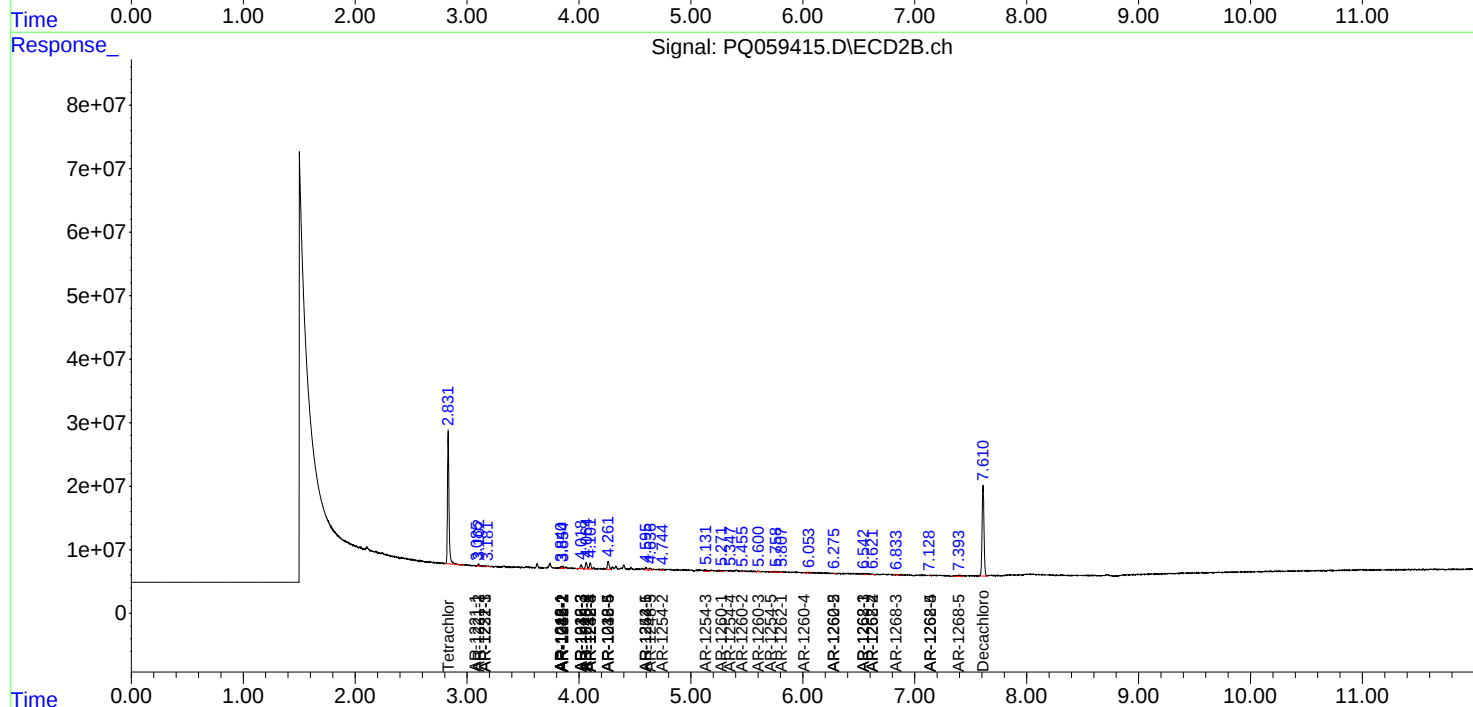
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

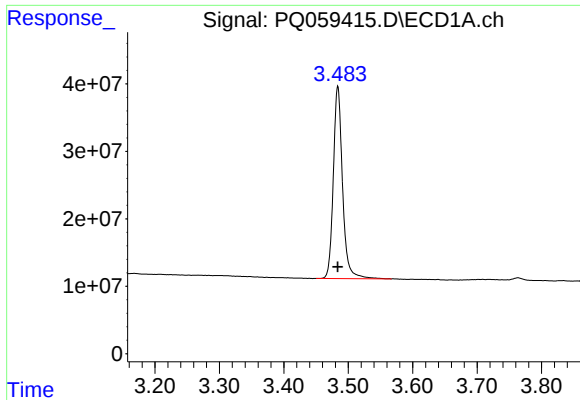
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	6.622	0	1204413	N.D.	0.931 #
43) L9	AR-1268-3	0.000	6.833	0	367229	N.D.	0.333 #
44) L9	AR-1268-4	0.000	7.130	0	248889	N.D.	0.550 #
45) L9	AR-1268-5	8.418	7.389	626970	4274928	0.278	1.195 #

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

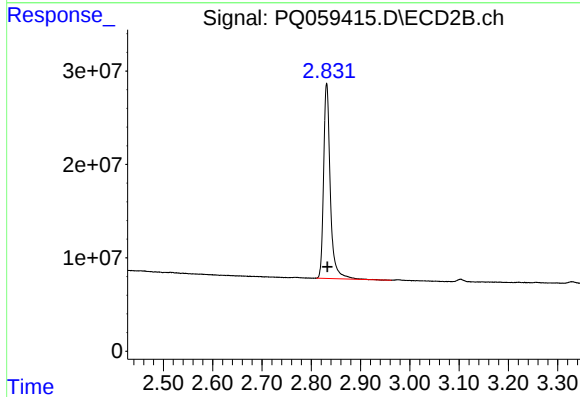




#1 Tetrachloro-m-xylene

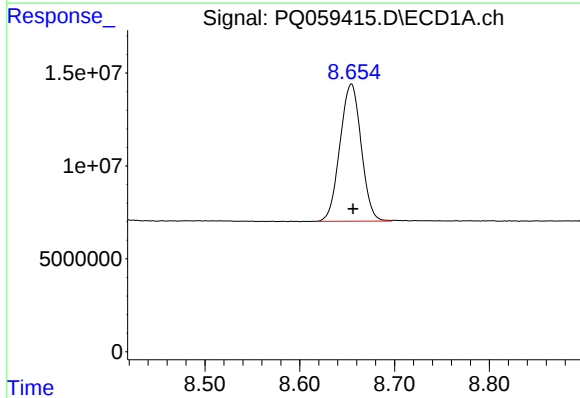
R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 283300552
Conc: 20.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



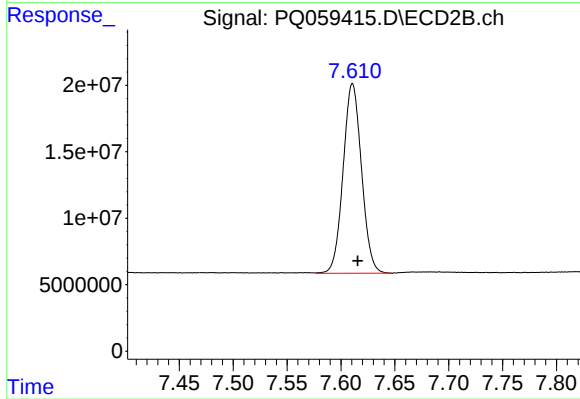
#1 Tetrachloro-m-xylene

R.T.: 2.831 min
Delta R.T.: -0.001 min
Response: 196717680
Conc: 21.72 ng/ml



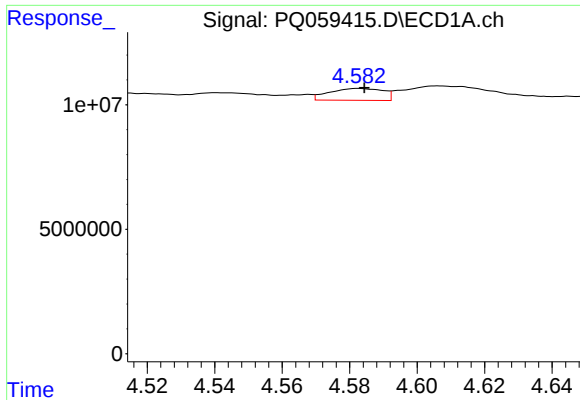
#2 Decachlorobiphenyl

R.T.: 8.655 min
Delta R.T.: -0.002 min
Response: 115010350
Conc: 23.16 ng/ml



#2 Decachlorobiphenyl

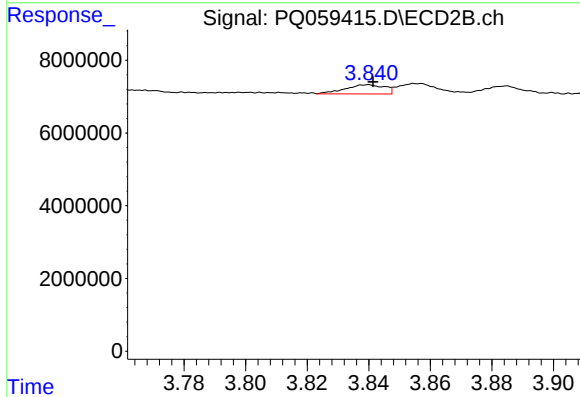
R.T.: 7.611 min
Delta R.T.: -0.005 min
Response: 169464960
Conc: 22.19 ng/ml



#3 AR-1016-1

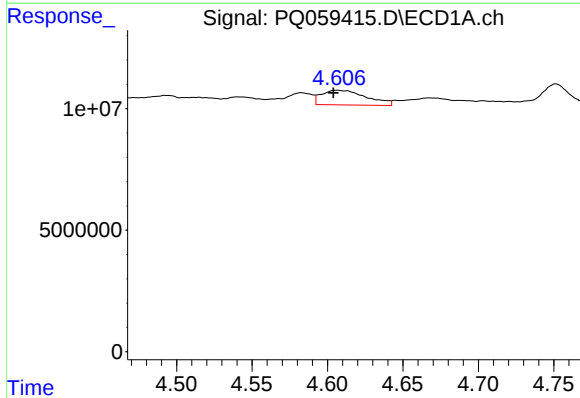
R.T.: 4.583 min
Delta R.T.: -0.002 min
Response: 5268200
Conc: 12.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



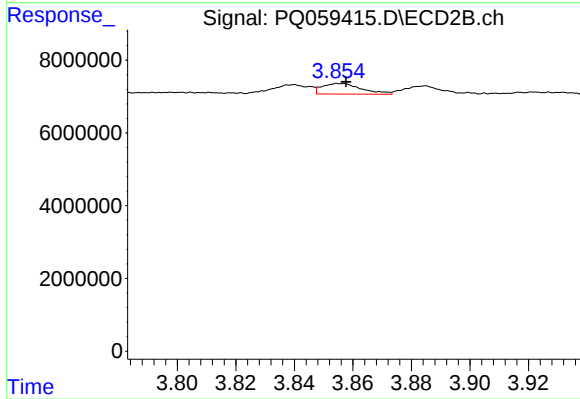
#3 AR-1016-1

R.T.: 3.840 min
Delta R.T.: -0.002 min
Response: 2257522
Conc: 8.01 ng/ml



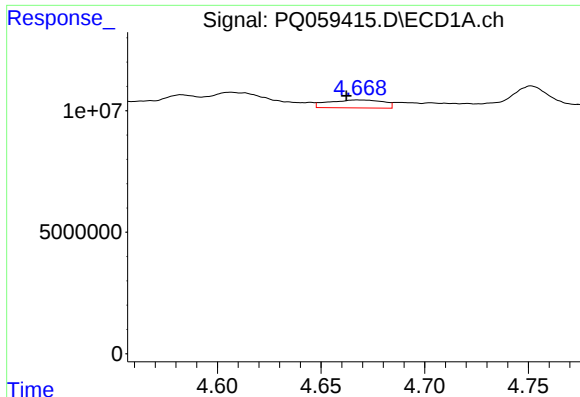
#4 AR-1016-2

R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 12409531
Conc: 20.02 ng/ml



#4 AR-1016-2

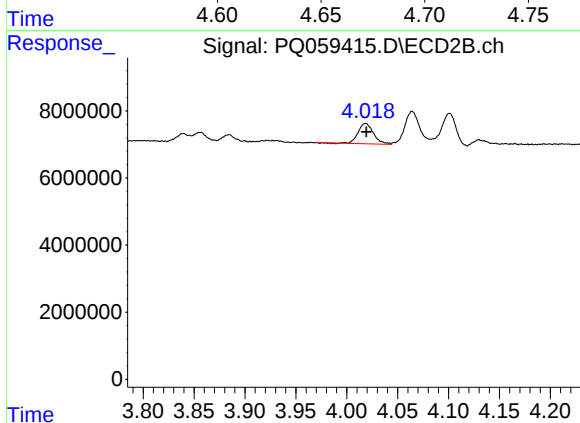
R.T.: 3.856 min
Delta R.T.: -0.002 min
Response: 2751733
Conc: 6.48 ng/ml



#5 AR-1016-3

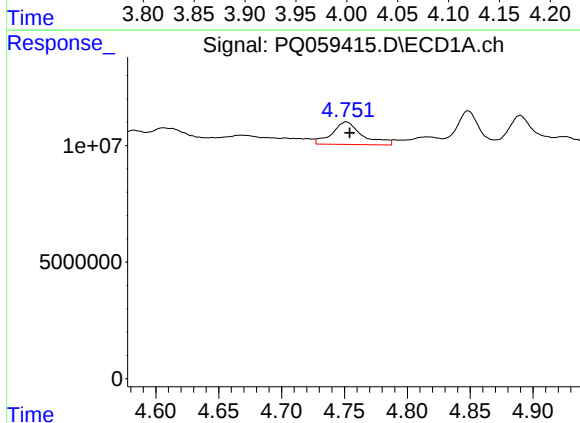
R.T.: 4.668 min
Delta R.T.: 0.006 min
Response: 6078127
Conc: 15.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



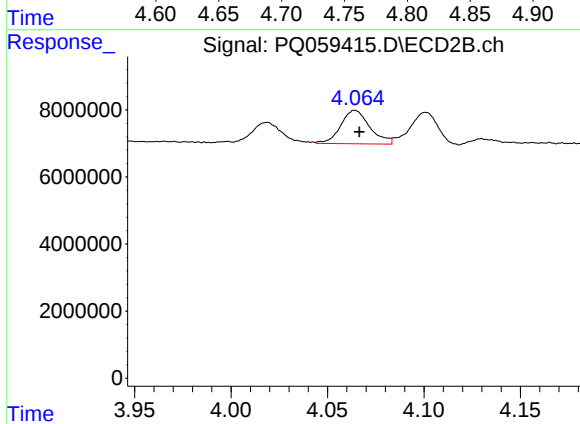
#5 AR-1016-3

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 6384083
Conc: 28.70 ng/ml



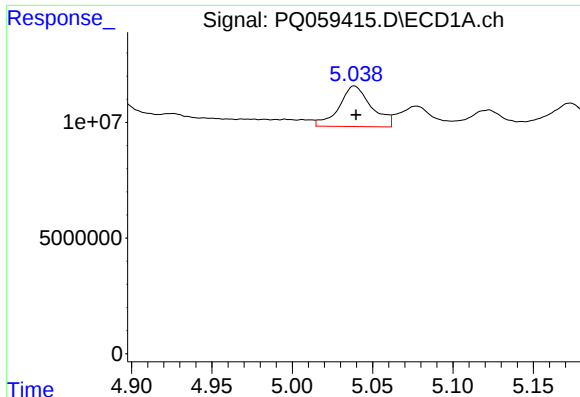
#6 AR-1016-4

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 16230535
Conc: 49.29 ng/ml



#6 AR-1016-4

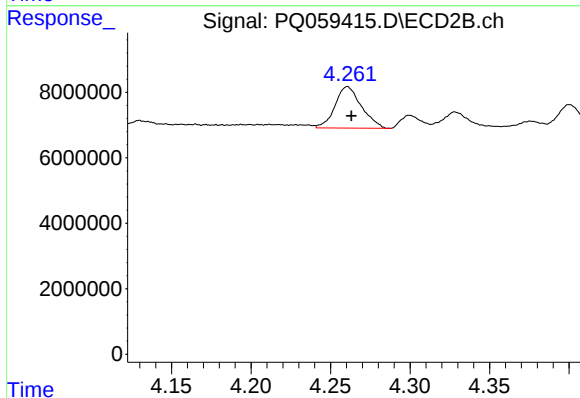
R.T.: 4.064 min
Delta R.T.: -0.002 min
Response: 10429059
Conc: 61.00 ng/ml



#7 AR-1016-5

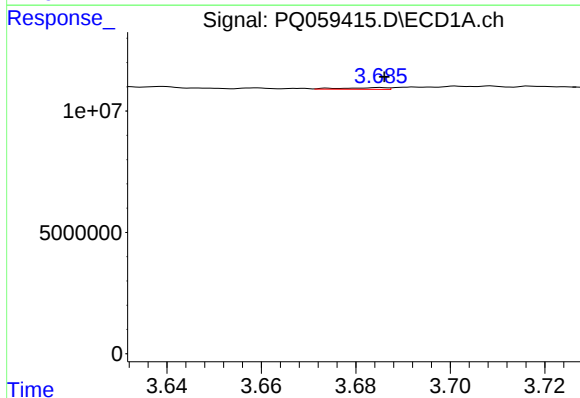
R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 24537975
Conc: 78.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



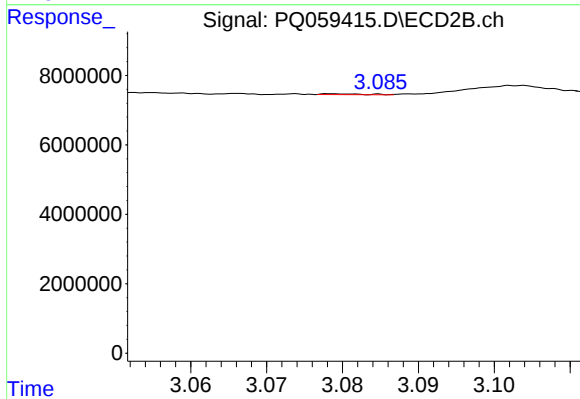
#7 AR-1016-5

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 14615404
Conc: 64.87 ng/ml



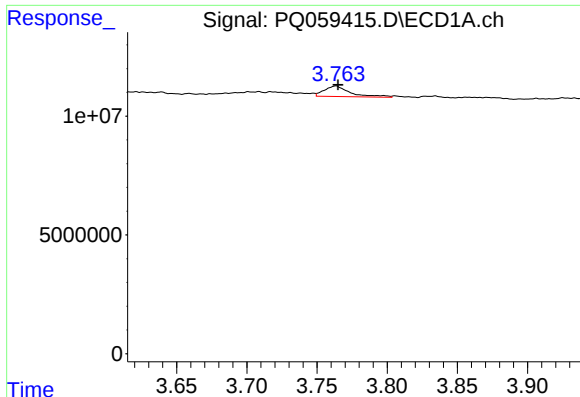
#8 AR-1221-1

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 476268
Conc: 3.22 ng/ml



#8 AR-1221-1

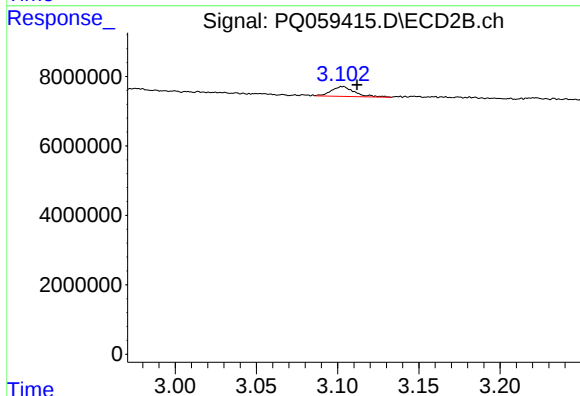
R.T.: 3.080 min
Delta R.T.: 0.045 min
Response: 97026
Conc: 0.98 ng/ml



#9 AR-1221-2

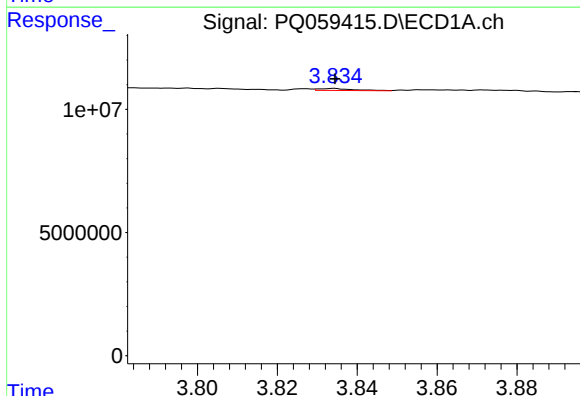
R.T.: 3.764 min
Delta R.T.: -0.002 min
Response: 5679090
Conc: 54.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



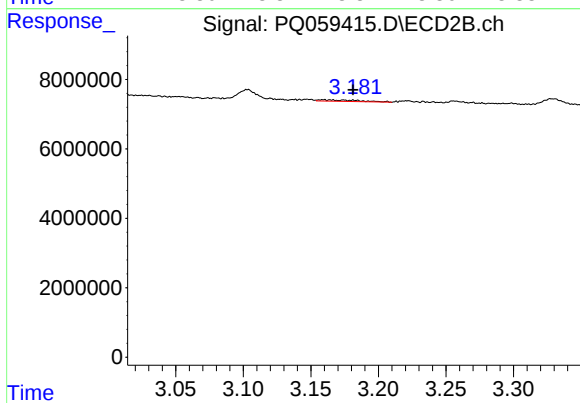
#9 AR-1221-2

R.T.: 3.103 min
Delta R.T.: -0.009 min
Response: 2864890
Conc: 41.85 ng/ml



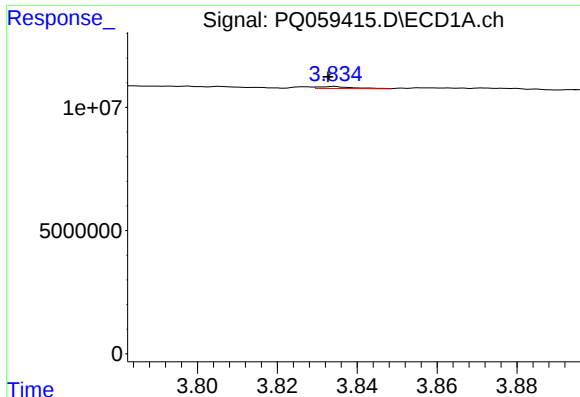
#10 AR-1221-3

R.T.: 3.834 min
Delta R.T.: 0.000 min
Response: 499299
Conc: 1.50 ng/ml



#10 AR-1221-3

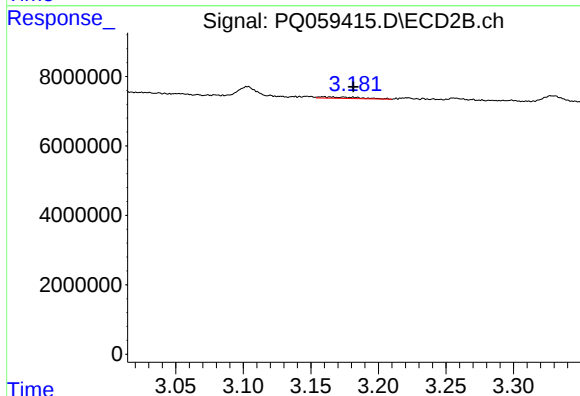
R.T.: 3.159 min
Delta R.T.: -0.022 min
Response: 827331
Conc: 3.61 ng/ml



#11 AR-1232-1

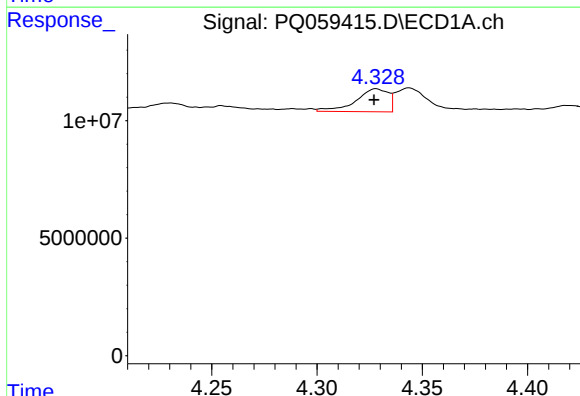
R.T.: 3.834 min
Delta R.T.: 0.002 min
Response: 499299
Conc: 1.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



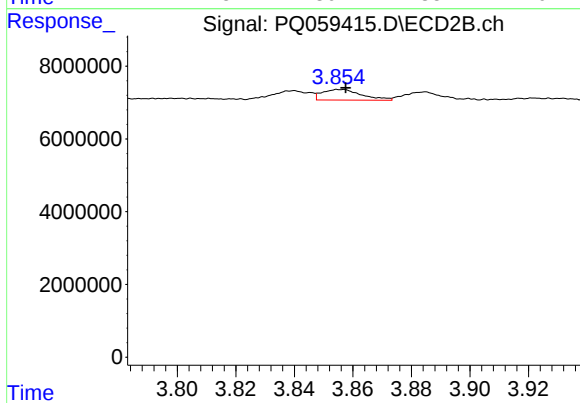
#11 AR-1232-1

R.T.: 3.159 min
Delta R.T.: -0.023 min
Response: 827331
Conc: 4.30 ng/ml



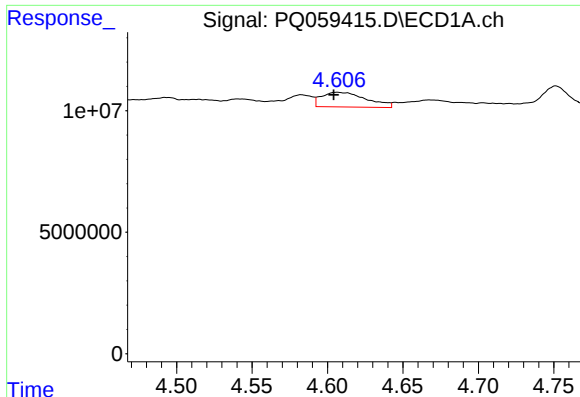
#12 AR-1232-2

R.T.: 4.328 min
Delta R.T.: 0.001 min
Response: 10443378
Conc: 71.08 ng/ml



#12 AR-1232-2

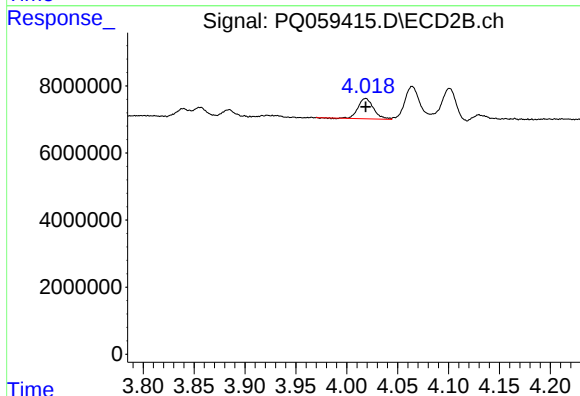
R.T.: 3.856 min
Delta R.T.: -0.002 min
Response: 2751733
Conc: 14.61 ng/ml



#13 AR-1232-3

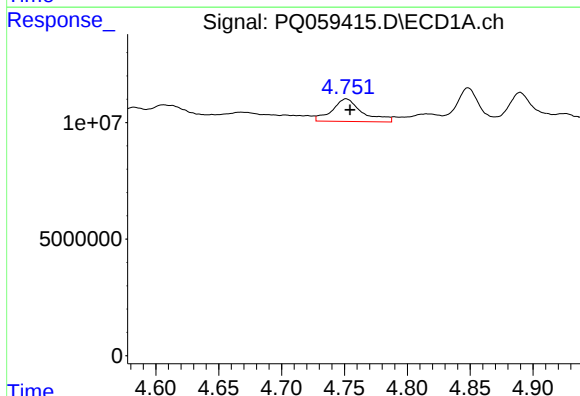
R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 12409531
Conc: 43.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



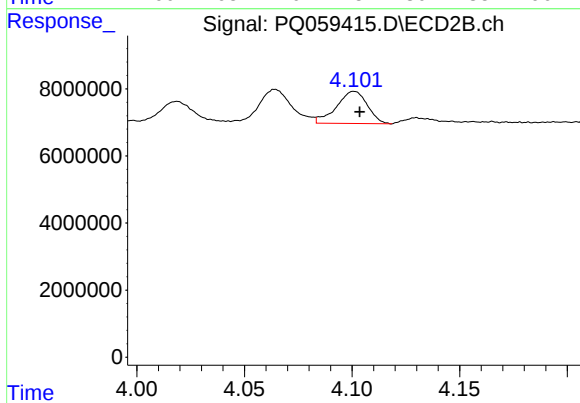
#13 AR-1232-3

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 6384083
Conc: 65.47 ng/ml



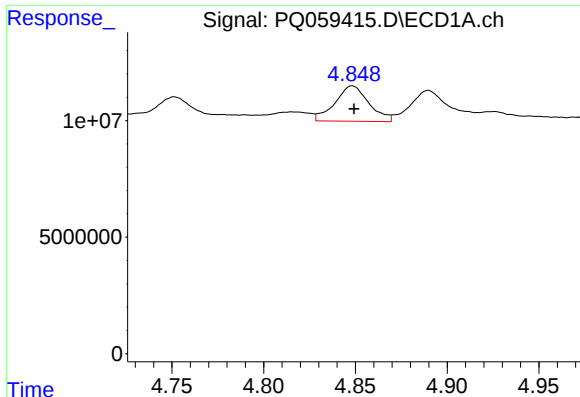
#14 AR-1232-4

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 16230535
Conc: 108.48 ng/ml



#14 AR-1232-4

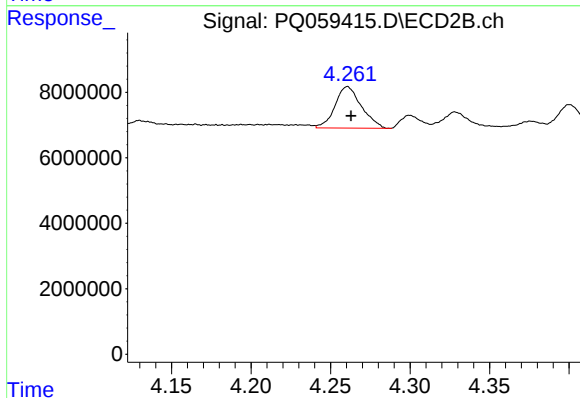
R.T.: 4.101 min
Delta R.T.: -0.003 min
Response: 9600401
Conc: 117.61 ng/ml



#15 AR-1232-5

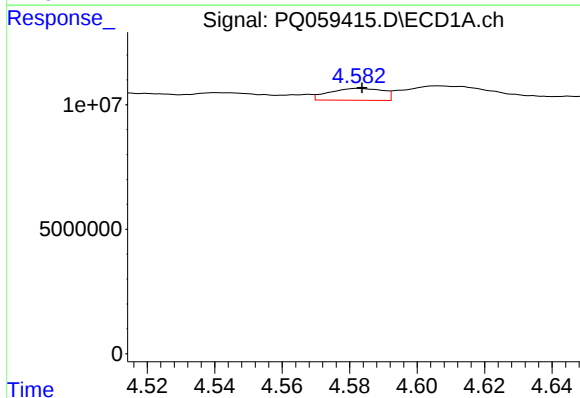
R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 19519386
Conc: 185.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



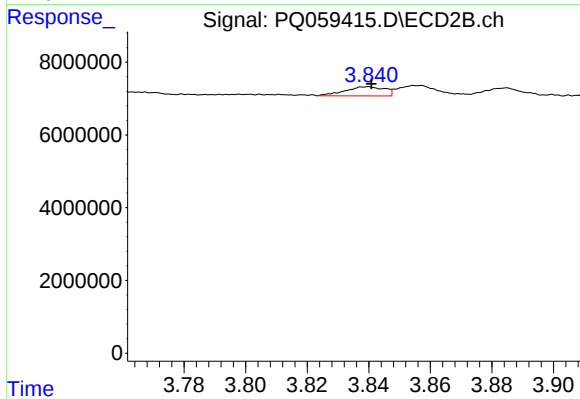
#15 AR-1232-5

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 14615404
Conc: 153.06 ng/ml



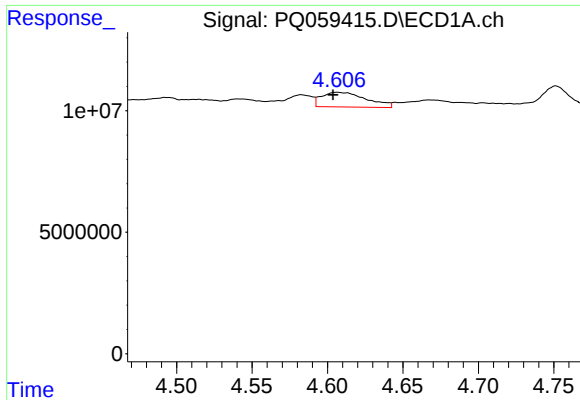
#16 AR-1242-1

R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 5268200
Conc: 15.12 ng/ml



#16 AR-1242-1

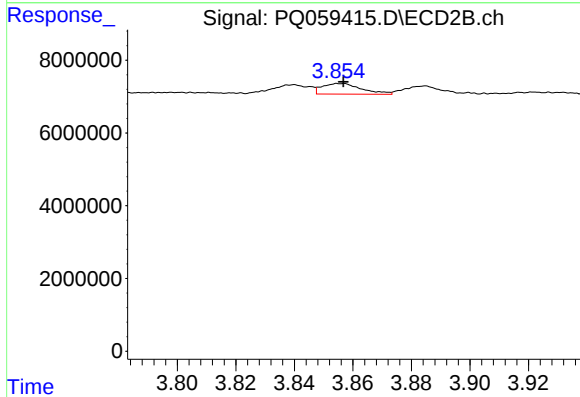
R.T.: 3.840 min
Delta R.T.: -0.001 min
Response: 2257522
Conc: 9.73 ng/ml



#17 AR-1242-2

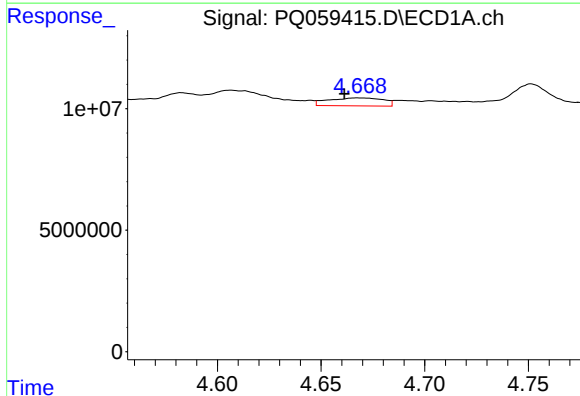
R.T.: 4.606 min
Delta R.T.: 0.003 min
Response: 12409531
Conc: 24.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



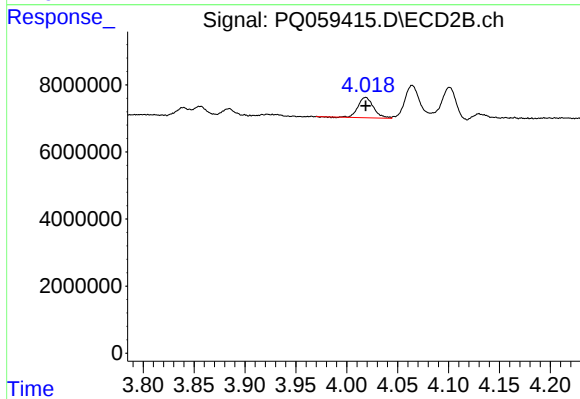
#17 AR-1242-2

R.T.: 3.856 min
Delta R.T.: 0.000 min
Response: 2751733
Conc: 7.89 ng/ml



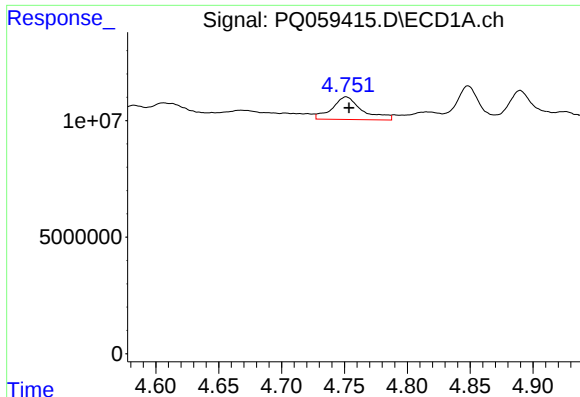
#18 AR-1242-3

R.T.: 4.668 min
Delta R.T.: 0.007 min
Response: 6078127
Conc: 18.80 ng/ml



#18 AR-1242-3

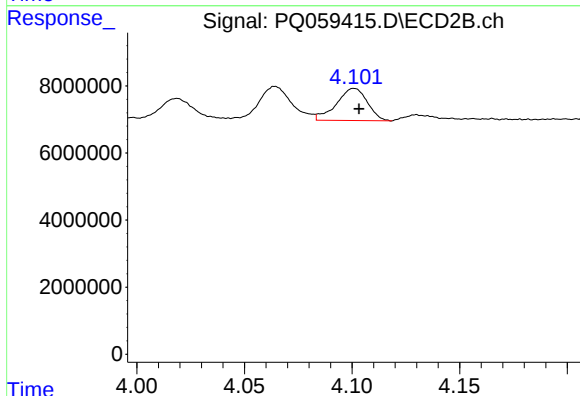
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 6384083
Conc: 34.94 ng/ml



#19 AR-1242-4

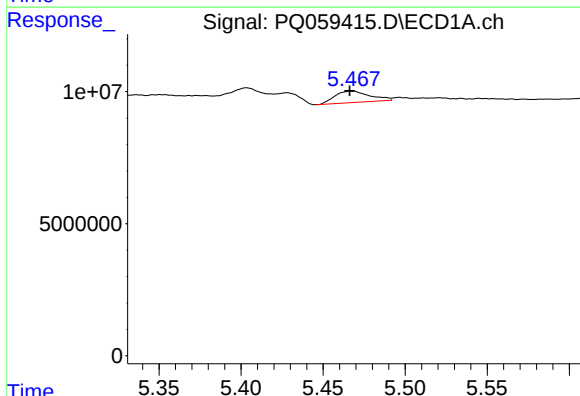
R.T.: 4.751 min
Delta R.T.: -0.002 min
Response: 16230535
Conc: 60.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



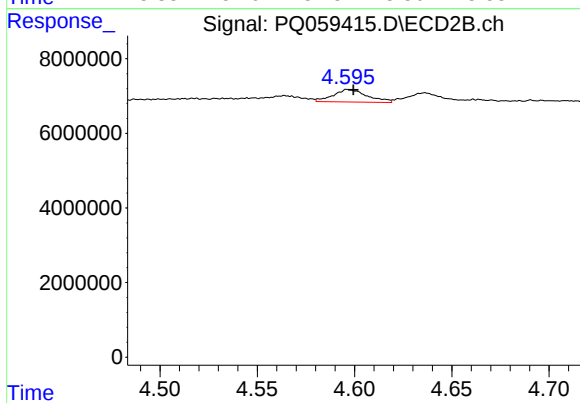
#19 AR-1242-4

R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 9600401
Conc: 56.92 ng/ml



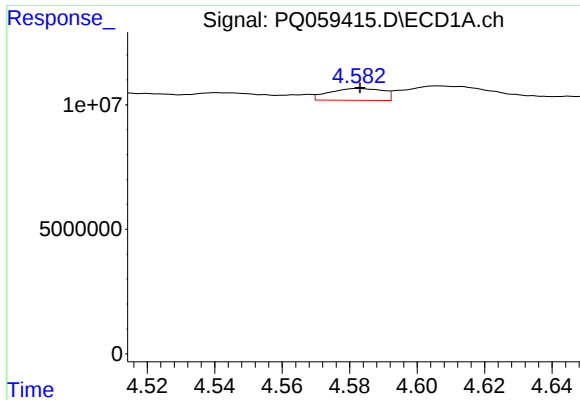
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.001 min
Response: 6431846
Conc: 23.93 ng/ml



#20 AR-1242-5

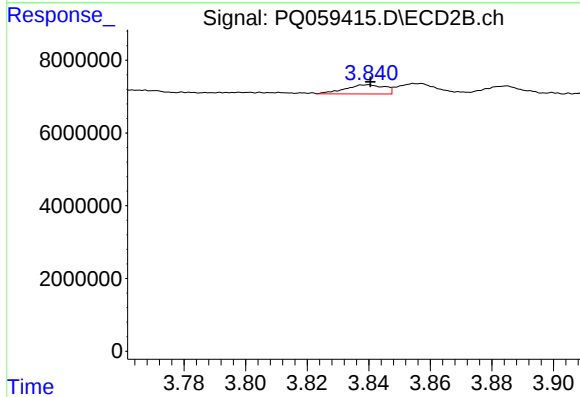
R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 4094549
Conc: 18.51 ng/ml



#21 AR-1248-1

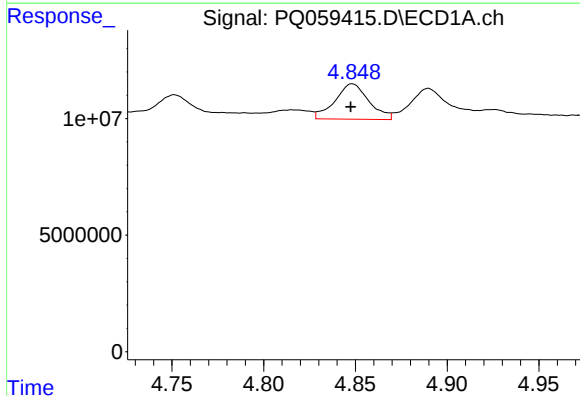
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 5268200
Conc: 19.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



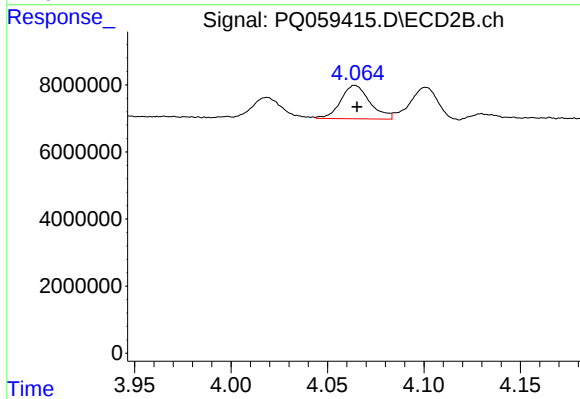
#21 AR-1248-1

R.T.: 3.840 min
Delta R.T.: -0.001 min
Response: 2257522
Conc: 12.70 ng/ml



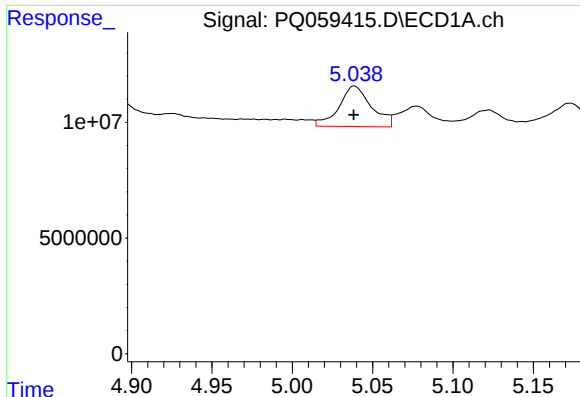
#22 AR-1248-2

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 19519386
Conc: 54.75 ng/ml



#22 AR-1248-2

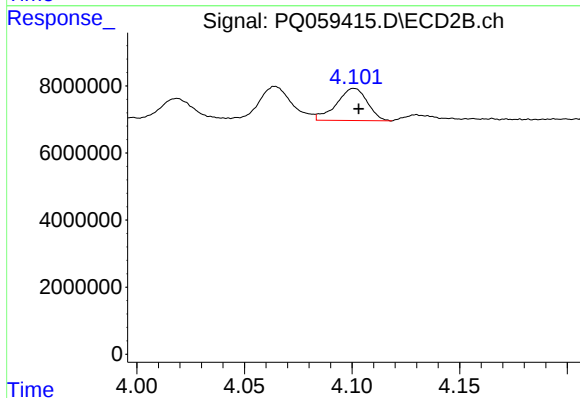
R.T.: 4.064 min
Delta R.T.: -0.001 min
Response: 10429059
Conc: 41.31 ng/ml



#23 AR-1248-3

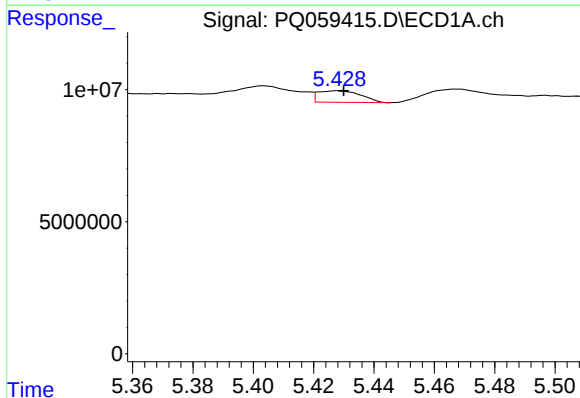
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 24537975
Conc: 57.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



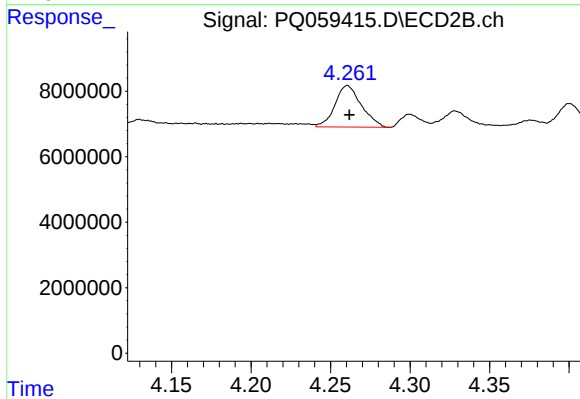
#23 AR-1248-3

R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 9600401
Conc: 38.02 ng/ml



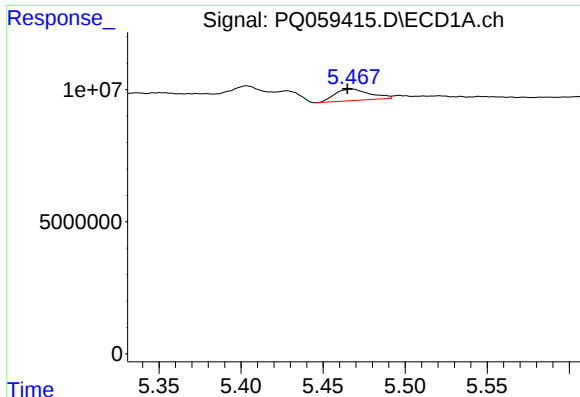
#24 AR-1248-4

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 4288087
Conc: 9.23 ng/ml



#24 AR-1248-4

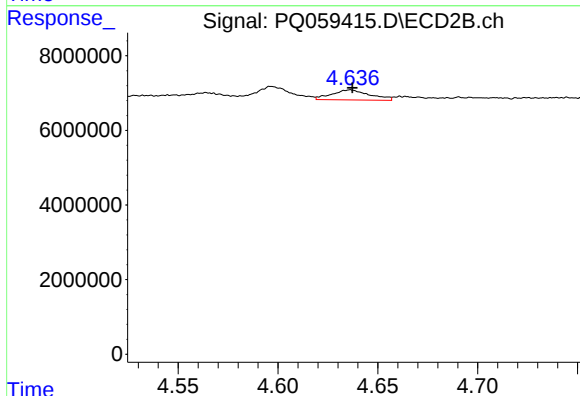
R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 14615404
Conc: 46.79 ng/ml



#25 AR-1248-5

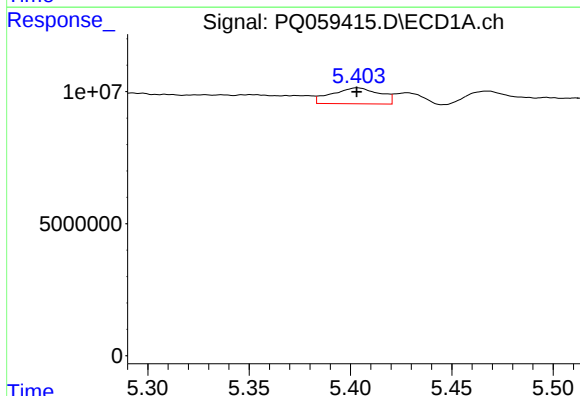
R.T.: 5.468 min
Delta R.T.: 0.003 min
Response: 6431846
Conc: 13.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



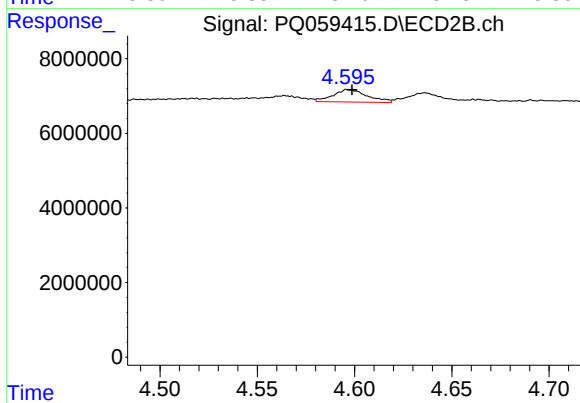
#25 AR-1248-5

R.T.: 4.636 min
Delta R.T.: -0.001 min
Response: 3536446
Conc: 11.26 ng/ml



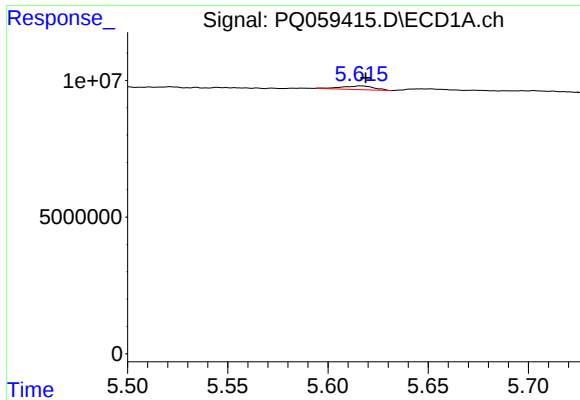
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 9939552
Conc: 20.73 ng/ml



#26 AR-1254-1

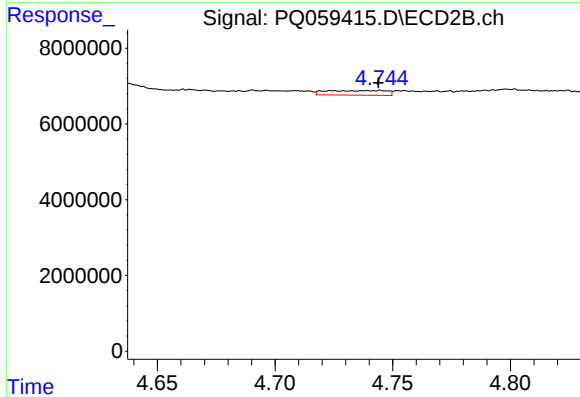
R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 4094549
Conc: 8.38 ng/ml



#27 AR-1254-2

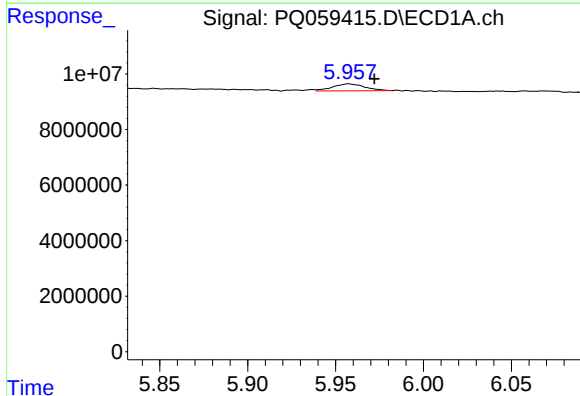
R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 1524239
Conc: 2.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



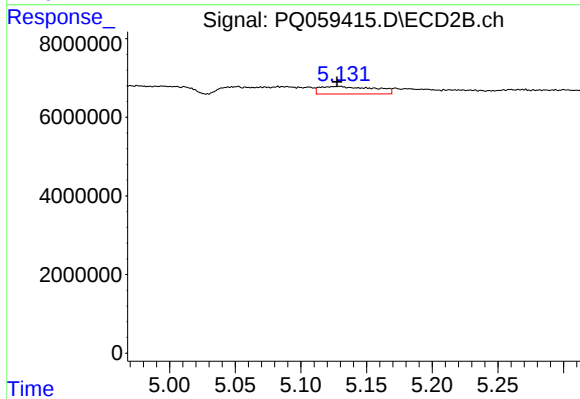
#27 AR-1254-2

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 2125967
Conc: 4.91 ng/ml



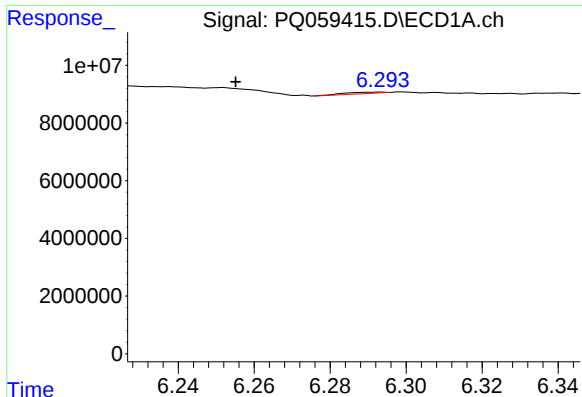
#28 AR-1254-3

R.T.: 5.957 min
Delta R.T.: -0.015 min
Response: 3121184
Conc: 3.99 ng/ml



#28 AR-1254-3

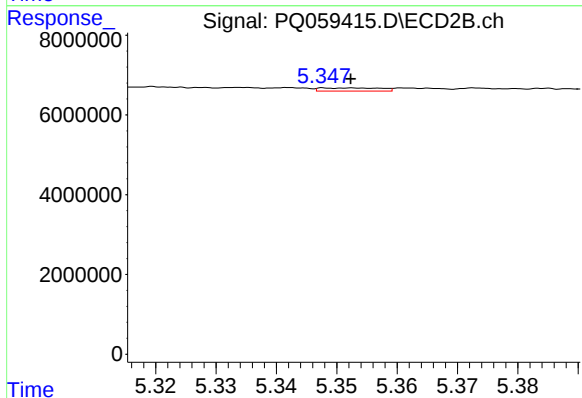
R.T.: 5.129 min
Delta R.T.: 0.002 min
Response: 5545170
Conc: 8.00 ng/ml



#29 AR-1254-4

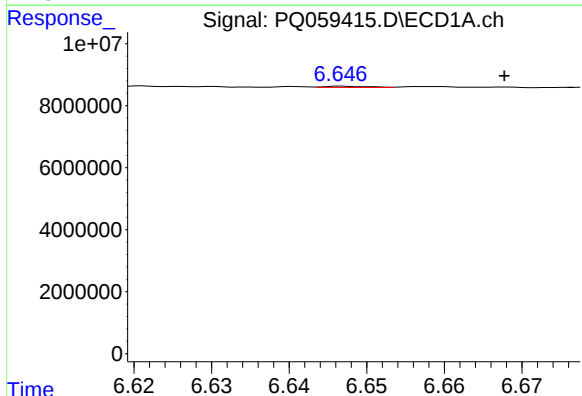
R.T.: 6.293 min
Delta R.T.: 0.038 min
Response: 357839
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



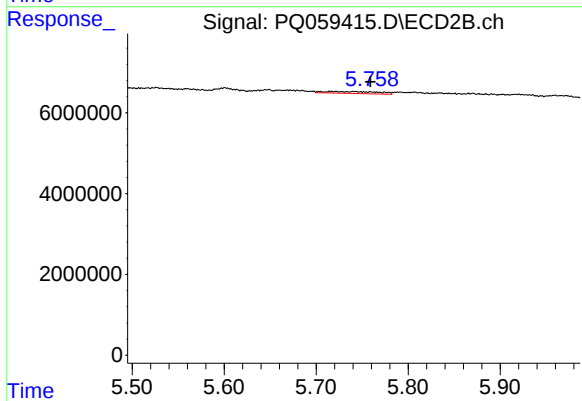
#29 AR-1254-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 560513
Conc: 1.30 ng/ml



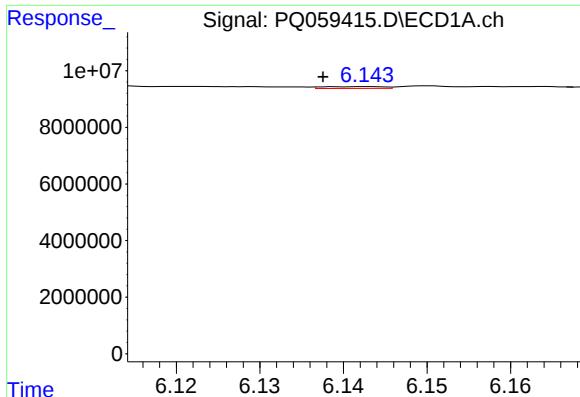
#30 AR-1254-5

R.T.: 6.647 min
Delta R.T.: -0.021 min
Response: 157281
Conc: 0.27 ng/ml



#30 AR-1254-5

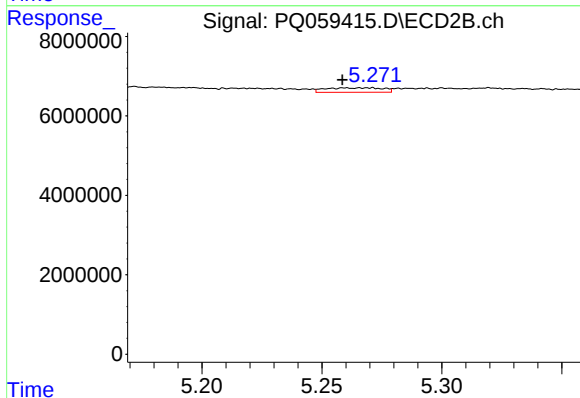
R.T.: 5.722 min
Delta R.T.: -0.037 min
Response: 1940283
Conc: 3.13 ng/ml



#31 AR-1260-1

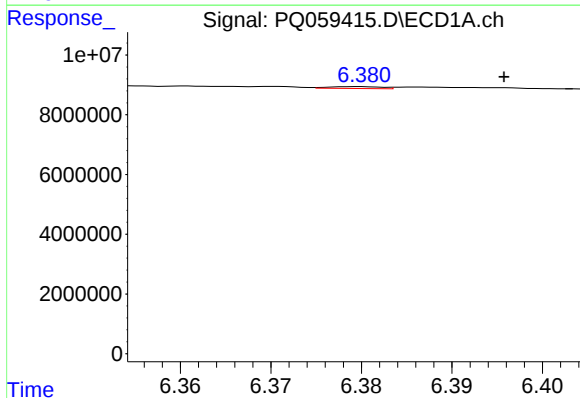
R.T.: 6.143 min
Delta R.T.: 0.006 min
Response: 328701
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



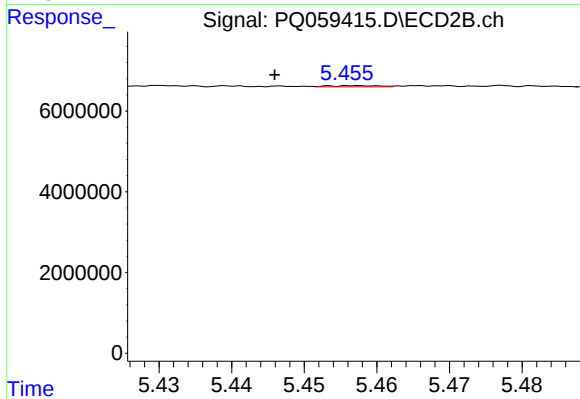
#31 AR-1260-1

R.T.: 5.269 min
Delta R.T.: 0.011 min
Response: 1870605
Conc: 4.15 ng/ml



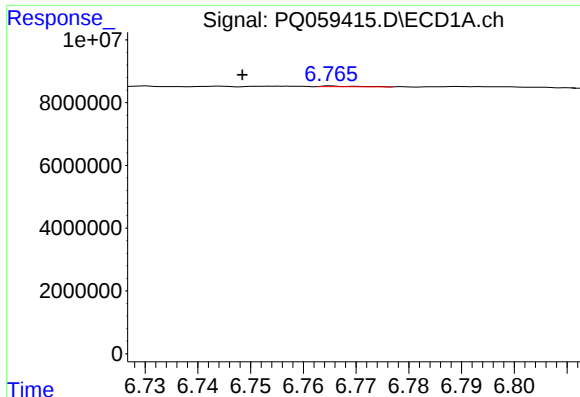
#32 AR-1260-2

R.T.: 6.380 min
Delta R.T.: -0.016 min
Response: 255835
Conc: 0.40 ng/ml



#32 AR-1260-2

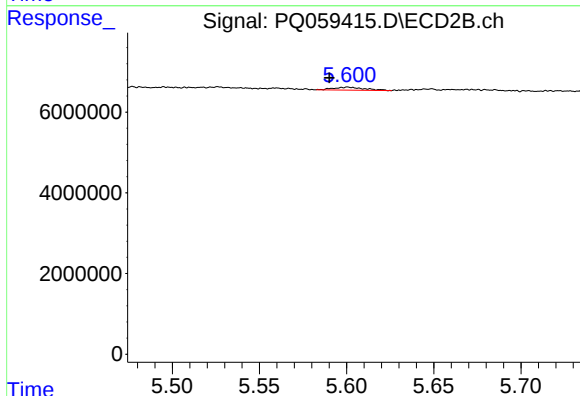
R.T.: 5.458 min
Delta R.T.: 0.012 min
Response: 152412
Conc: 0.28 ng/ml



#33 AR-1260-3

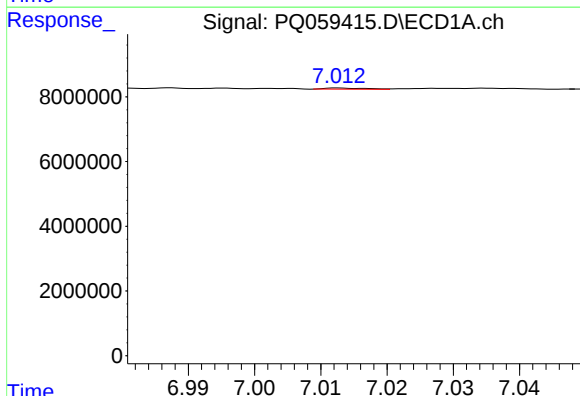
R.T.: 6.765 min
Delta R.T.: 0.017 min
Response: 101197
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



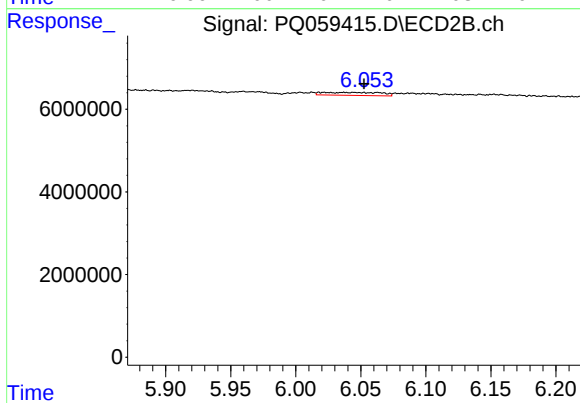
#33 AR-1260-3

R.T.: 5.601 min
Delta R.T.: 0.011 min
Response: 931051
Conc: 1.79 ng/ml



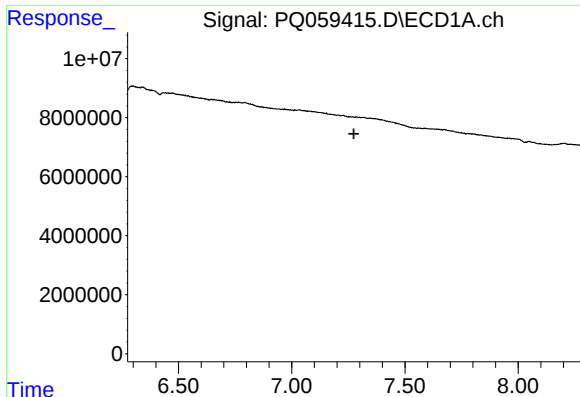
#34 AR-1260-4

R.T.: 7.013 min
Delta R.T.: 0.046 min
Response: 157071
Conc: 0.33 ng/ml



#34 AR-1260-4

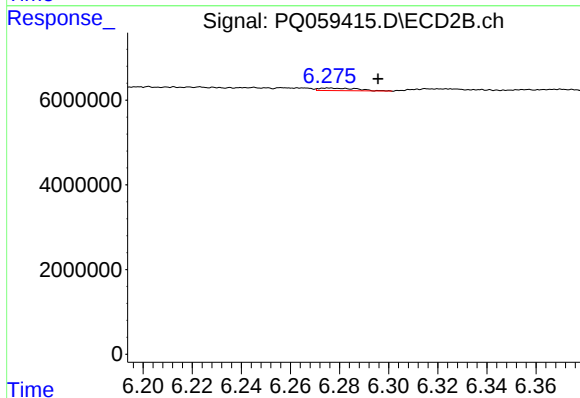
R.T.: 6.021 min
Delta R.T.: -0.031 min
Response: 2273835
Conc: 5.14 ng/ml



#35 AR-1260-5

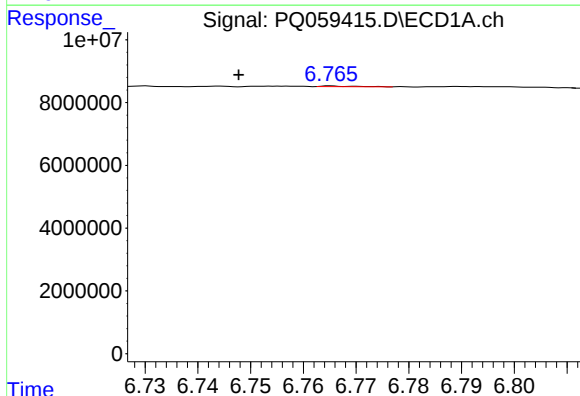
R.T.: 0.000 min
Exp R.T.: 7.275 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



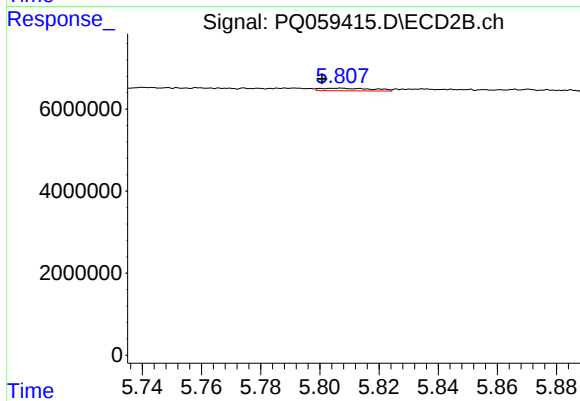
#35 AR-1260-5

R.T.: 6.276 min
Delta R.T.: -0.020 min
Response: 659141
Conc: 0.65 ng/ml



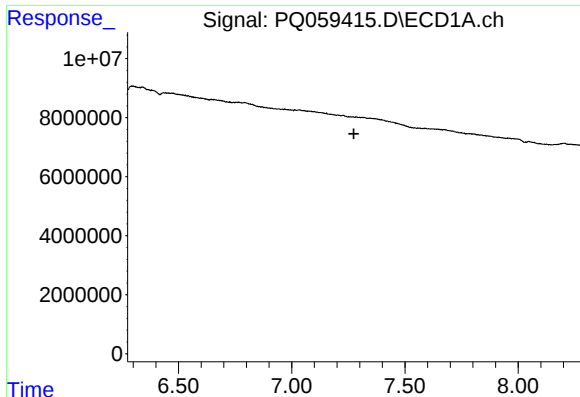
#36 AR-1262-1

R.T.: 6.765 min
Delta R.T.: 0.017 min
Response: 101197
Conc: 0.15 ng/ml



#36 AR-1262-1

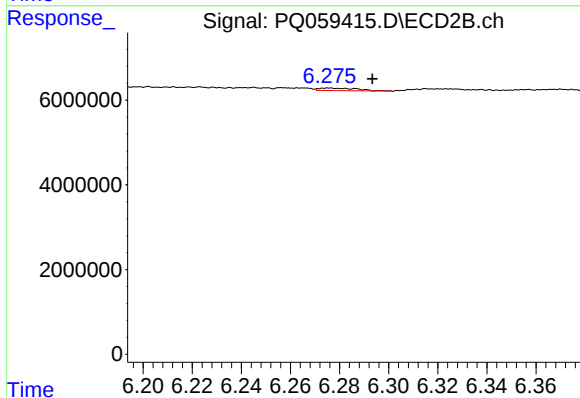
R.T.: 5.807 min
Delta R.T.: 0.006 min
Response: 787540
Conc: 1.24 ng/ml



#37 AR-1262-2

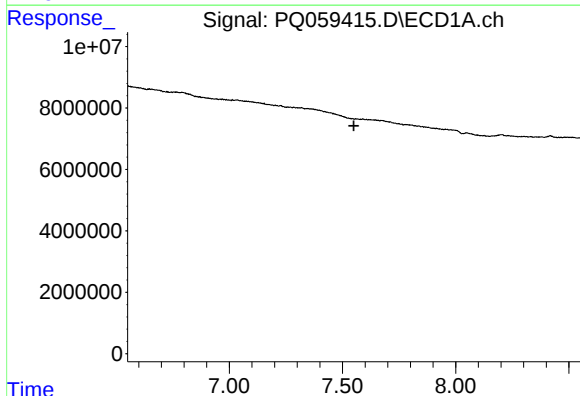
R.T.: 0.000 min
Exp R.T. : 7.274 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



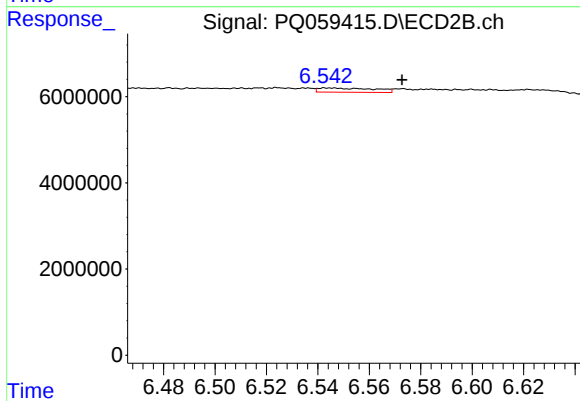
#37 AR-1262-2

R.T.: 6.276 min
Delta R.T.: -0.018 min
Response: 659141
Conc: 0.56 ng/ml



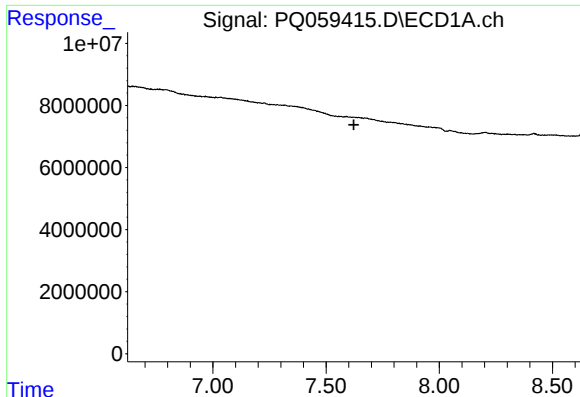
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.550 min
Response: 0
Conc: N.D.



#38 AR-1262-3

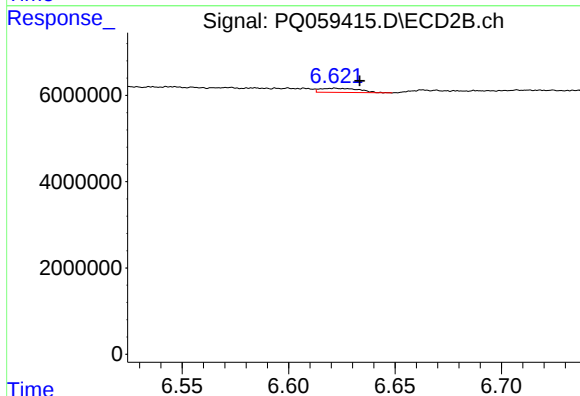
R.T.: 6.544 min
Delta R.T.: -0.028 min
Response: 1478260
Conc: 3.21 ng/ml



#39 AR-1262-4

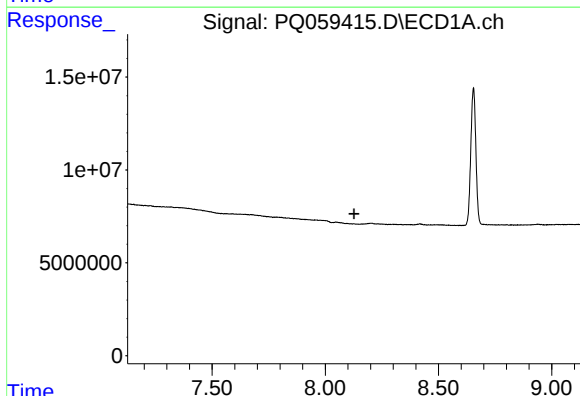
R.T.: 0.000 min
Exp R.T.: 7.623 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



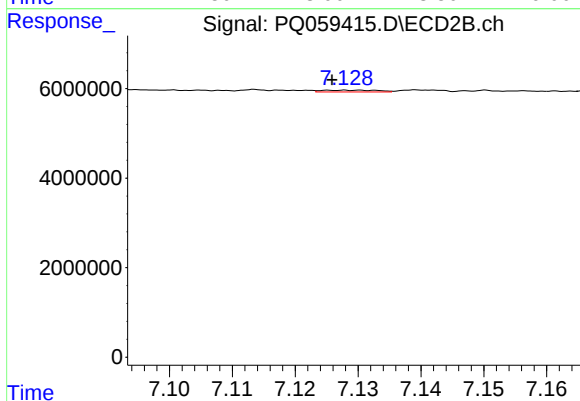
#39 AR-1262-4

R.T.: 6.622 min
Delta R.T.: -0.011 min
Response: 1204413
Conc: 1.37 ng/ml



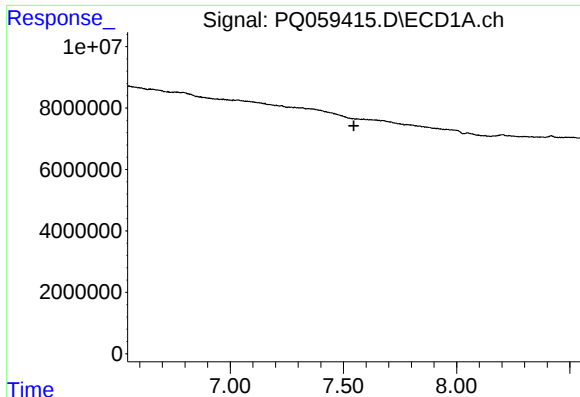
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.127 min
Response: 0
Conc: N.D.



#40 AR-1262-5

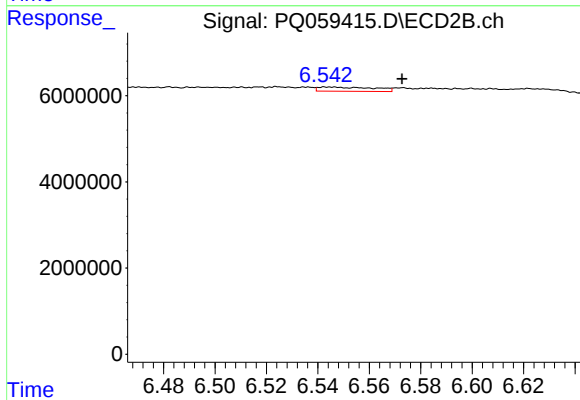
R.T.: 7.130 min
Delta R.T.: 0.004 min
Response: 248889
Conc: 0.63 ng/ml



#41 AR-1268-1

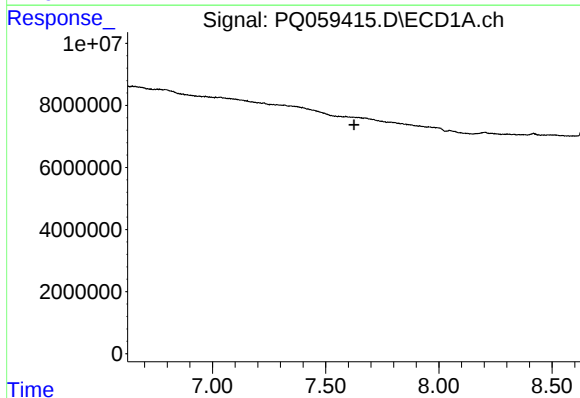
R.T.: 0.000 min
Exp R.T.: 7.546 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



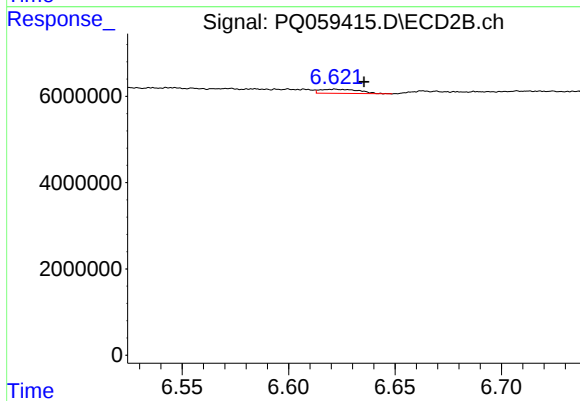
#41 AR-1268-1

R.T.: 6.544 min
Delta R.T.: -0.028 min
Response: 1478260
Conc: 1.05 ng/ml



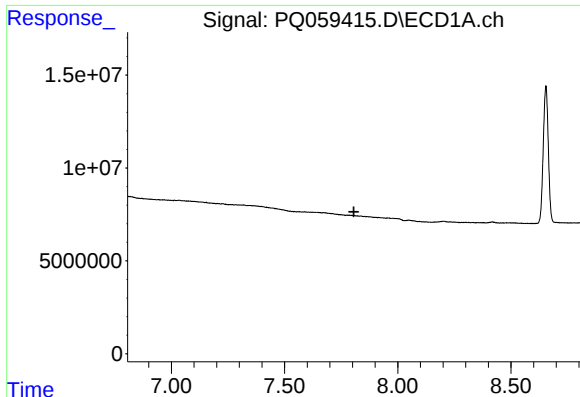
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 7.625 min
Response: 0
Conc: N.D.



#42 AR-1268-2

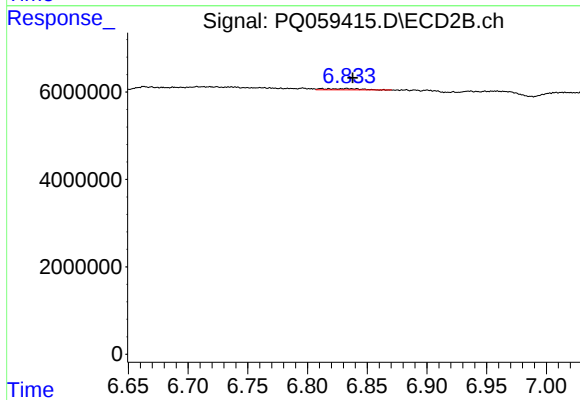
R.T.: 6.622 min
Delta R.T.: -0.014 min
Response: 1204413
Conc: 0.93 ng/ml



#43 AR-1268-3

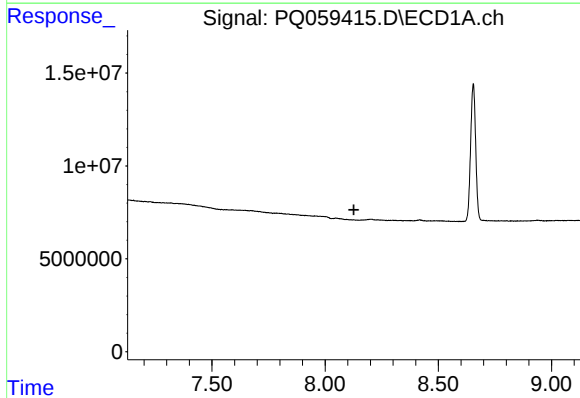
R.T.: 0.000 min
Exp R.T. : 7.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



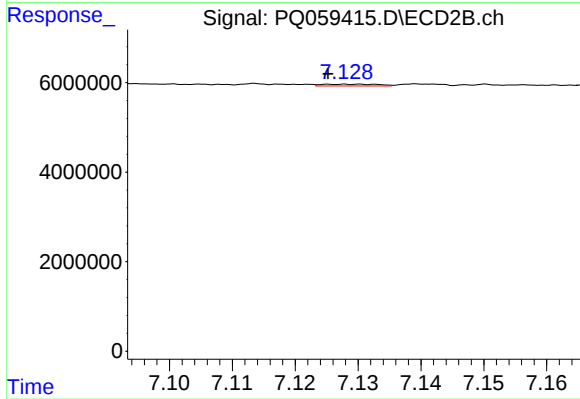
#43 AR-1268-3

R.T.: 6.833 min
Delta R.T.: -0.005 min
Response: 367229
Conc: 0.33 ng/ml



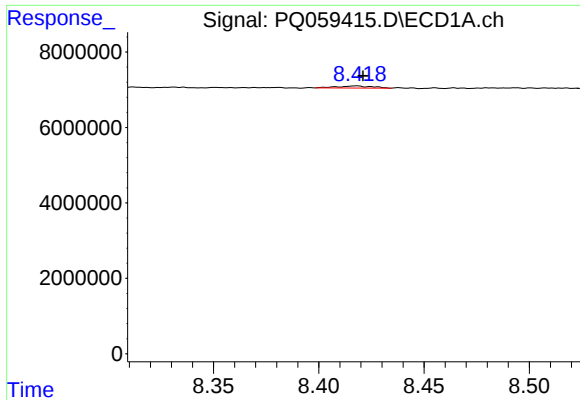
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.127 min
Response: 0
Conc: N.D.



#44 AR-1268-4

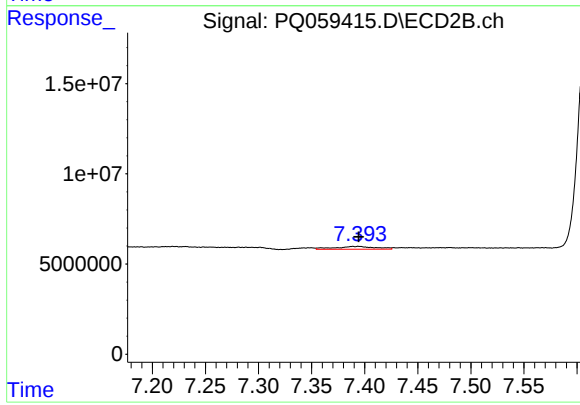
R.T.: 7.130 min
Delta R.T.: 0.005 min
Response: 248889
Conc: 0.55 ng/ml



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.003 min
Response: 626970
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.389 min
Delta R.T.: -0.006 min
Response: 4274928
Conc: 1.20 ng/ml