

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070523\
 Data File : PQ061934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2023 21:28
 Operator : YP\AJ
 Sample : 03509-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:47:54 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...	3.405	2.759	67464259	43297077	13.830	17.256
2)	SA Decachlor...	8.582	7.529	36414353	33396695	10.024	10.022
Target Compounds							
3)	L1 AR-1016-1	4.508	3.760	-135115	807971	N.D.	8.163 #
4)	L1 AR-1016-2	4.526	3.775	1670542	1022237	6.756	7.089
5)	L1 AR-1016-3	4.587	3.935	758133	155564	4.974	2.062 #
6)	L1 AR-1016-4	4.673	3.984	363307	804271	2.898	12.245 #
7)	L1 AR-1016-5	4.963	4.181	1072843	1124094	8.814	13.712 #
8)	L2 AR-1221-1	3.616	2.965	984297	51796	16.376	1.570 #
9)	L2 AR-1221-2	3.681	3.027	1365278	1198682	30.385	47.192 #
10)	L2 AR-1221-3	3.753	3.108	2020291	1358589	14.377	17.623
11)	L3 AR-1232-1	3.753	3.108	2020291	1358589	19.131	23.711
12)	L3 AR-1232-2	4.249	3.775	1468647	1022237	24.829	15.359 #
13)	L3 AR-1232-3	4.526	3.935	1670542	155564	14.773	4.502 #
14)	L3 AR-1232-4	4.673	4.022	363307	792952	6.411	26.663 #
15)	L3 AR-1232-5	4.772	4.181	1094982	1124094	27.340	31.522
16)	L4 AR-1242-1	4.508	3.760	-135115	807971	N.D.	10.447 #
17)	L4 AR-1242-2	4.526	3.775	1670542	1022237	8.605	9.196
18)	L4 AR-1242-3	4.587	3.935	758133	155564	6.274	2.656 #
19)	L4 AR-1242-4	4.673	4.022	363307	792952	3.727	13.525 #
20)	L4 AR-1242-5	5.391	4.516	923092	1526996	9.643	18.421 #
21)	L5 AR-1248-1	4.508	3.760	-135115	807971	N.D.	12.923 #
22)	L5 AR-1248-2	4.772	3.984	1094982	804271	7.622	8.577
23)	L5 AR-1248-3	4.963	4.022	1072843	792952	6.176	8.758 #
24)	L5 AR-1248-4	5.359	4.181	190108	1124094	0.991	9.962 #
25)	L5 AR-1248-5	5.391	4.557	923092	922394	5.097	8.233 #
26)	L6 AR-1254-1	5.327	4.516	1279898	1526996	6.888	9.457 #
27)	L6 AR-1254-2	5.539	4.664	1727768	1369544	5.943	9.302 #
28)	L6 AR-1254-3	5.898	5.045	2861263	2171235	9.316	9.291
29)	L6 AR-1254-4	6.184	5.274	1072892	1017269	4.621	6.674 #
30)	L6 AR-1254-5	6.594	5.675	2142221	1001200	8.340	4.338 #
31)	L7 AR-1260-1	6.059	5.173	708788	1509057	3.004	9.061 #
32)	L7 AR-1260-2	6.317	5.363	2895944	1345665	10.027	6.471 #
33)	L7 AR-1260-3	6.670	5.501	534726	476868	3.028	2.451
34)	L7 AR-1260-4	6.891	5.966	285741	261304	1.356	1.791 #
35)	L7 AR-1260-5	7.205	6.214	879276	447484	2.141	1.348 #
36)	L8 AR-1262-1	6.670	5.735	534726	1348982	1.754	5.803 #
37)	L8 AR-1262-2	7.205	5.966	879276	261304	1.669	1.209 #
38)	L8 AR-1262-3	7.480	6.491	585793	267739	1.663	1.536
39)	L8 AR-1262-4	0.000	6.549	0	892022	N.D.	2.768 #
40)	L8 AR-1262-5	8.061	7.047	380540	634380	2.144	4.090 #
41)	L9 AR-1268-1	7.480	6.491	585793	267739	1.032	0.569 #

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

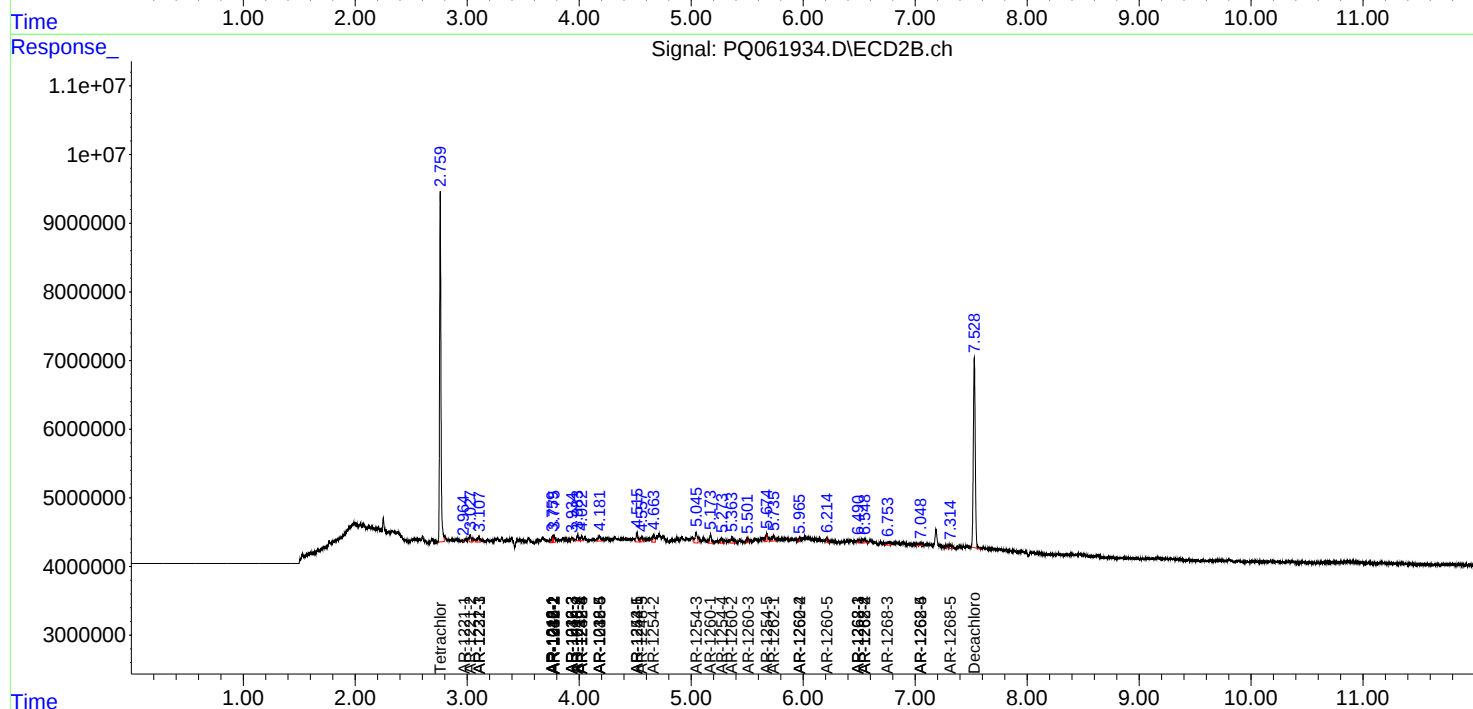
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

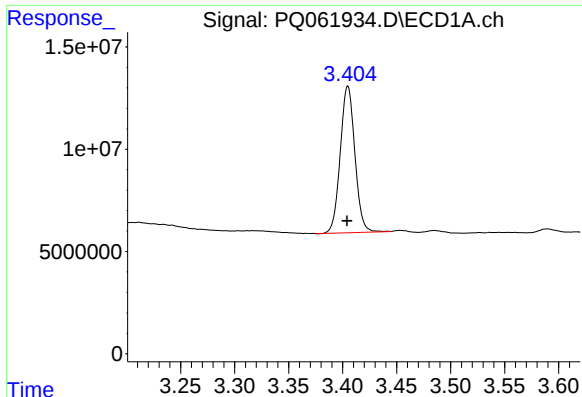
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	6.549	0	892022	N.D.	2.105 #
43) L9	AR-1268-3	0.000	6.755	0	912046	N.D.	2.476 #
44) L9	AR-1268-4	8.061	7.047	380540	634380	2.080	3.966 #
45) L9	AR-1268-5	8.349	7.313	676527	1116162	0.537	0.956 #

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

Instrument :
ECD_Q
ClientSampleId :

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

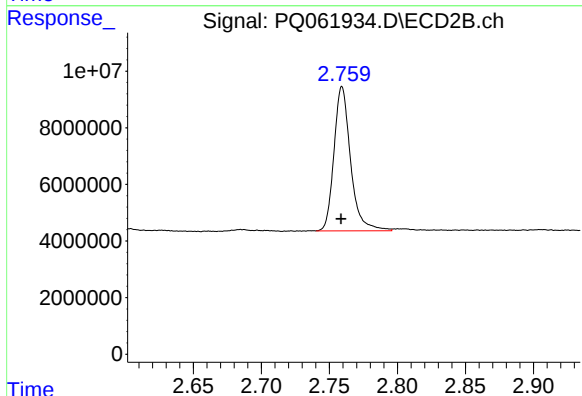




#1 Tetrachloro-m-xylene

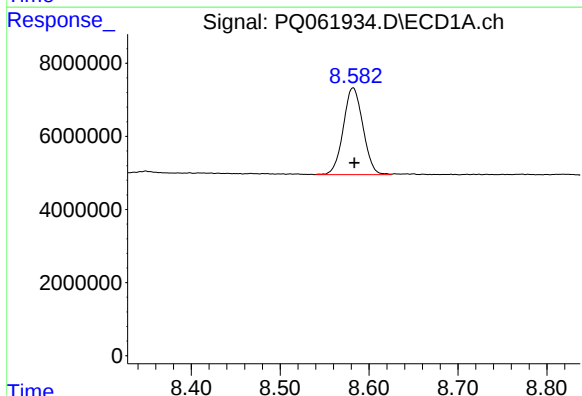
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 67464259
Conc: 13.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



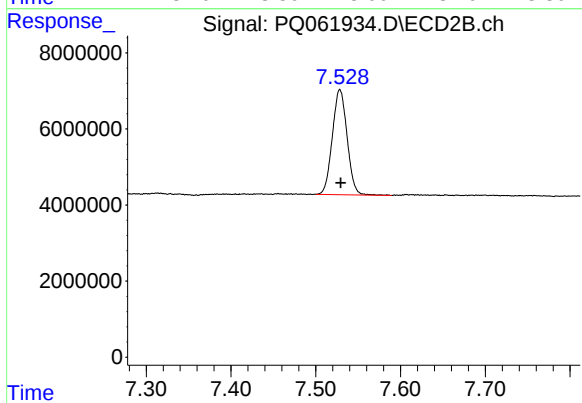
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 43297077
Conc: 17.26 ng/ml



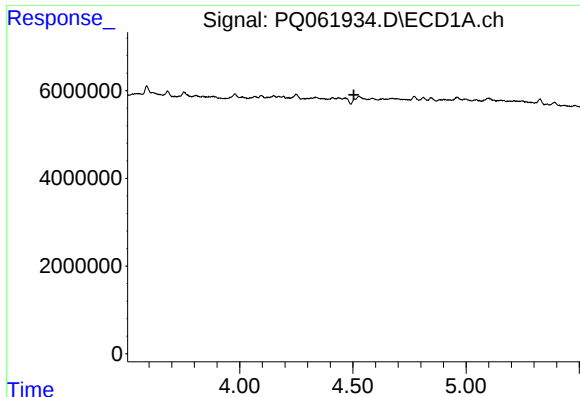
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 36414353
Conc: 10.02 ng/ml



#2 Decachlorobiphenyl

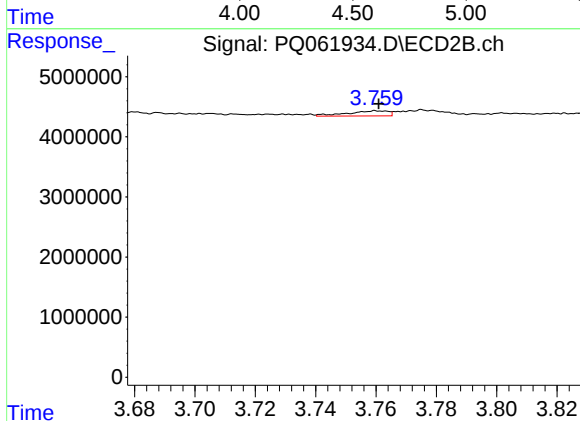
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 33396695
Conc: 10.02 ng/ml



#3 AR-1016-1

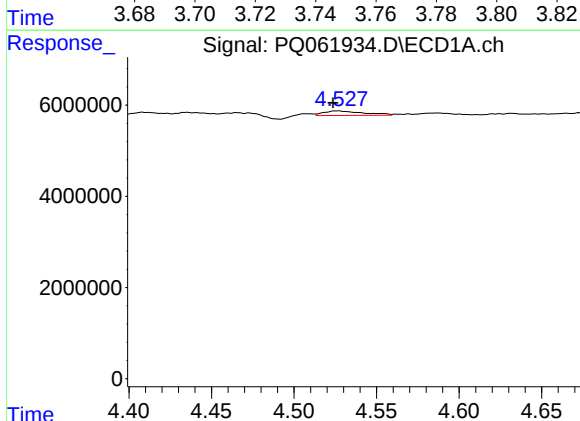
R.T.: 4.508 min
Delta R.T.: 0.003 min
Response: -135115
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



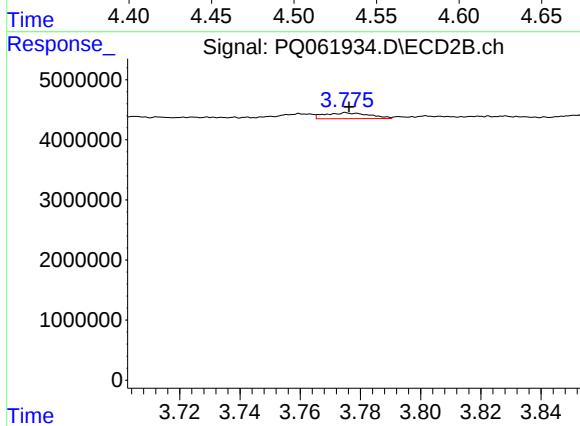
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 807971
Conc: 8.16 ng/ml



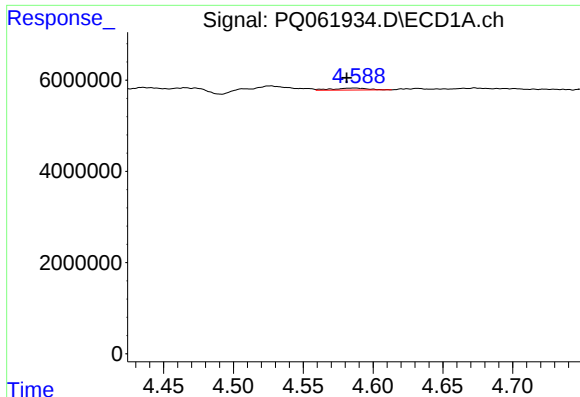
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 1670542
Conc: 6.76 ng/ml



#4 AR-1016-2

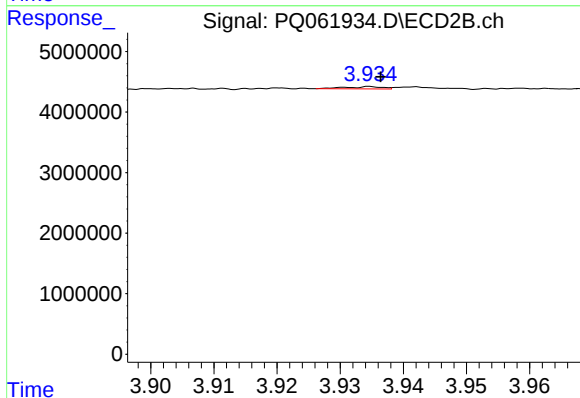
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 1022237
Conc: 7.09 ng/ml



#5 AR-1016-3

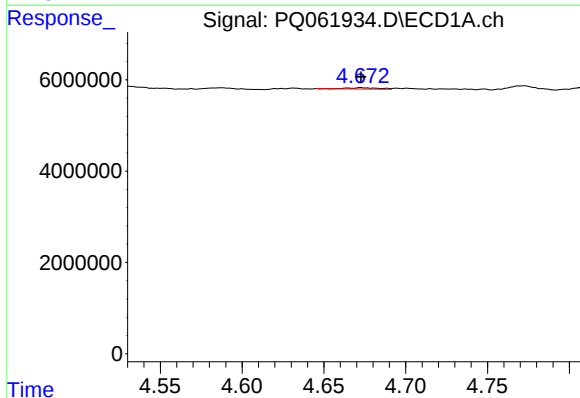
R.T.: 4.587 min
Delta R.T.: 0.006 min
Response: 758133
Conc: 4.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



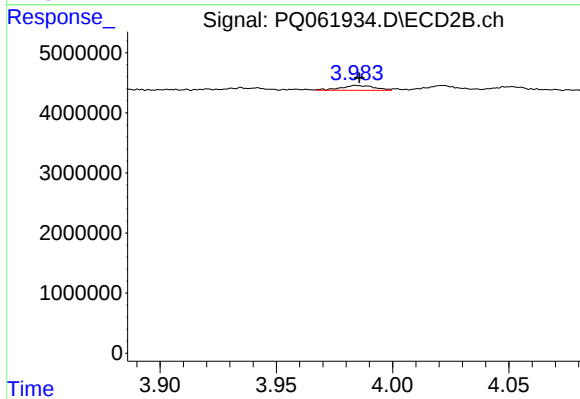
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 155564
Conc: 2.06 ng/ml



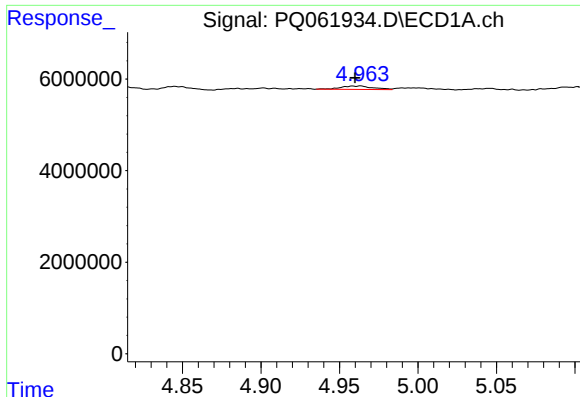
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 363307
Conc: 2.90 ng/ml



#6 AR-1016-4

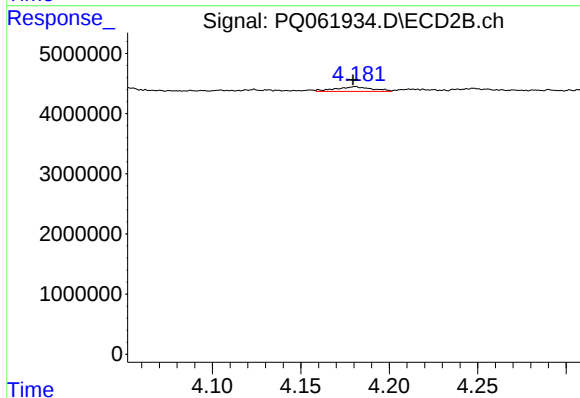
R.T.: 3.984 min
Delta R.T.: -0.002 min
Response: 804271
Conc: 12.25 ng/ml



#7 AR-1016-5

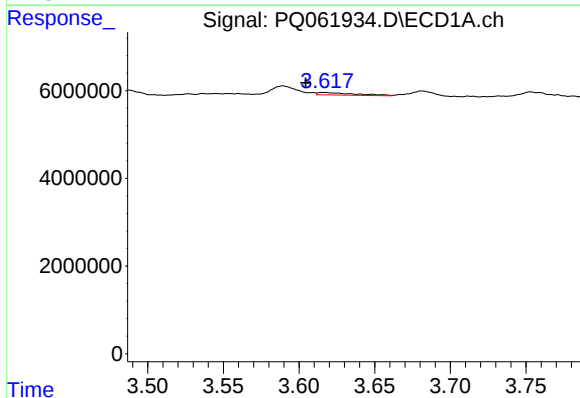
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 1072843
Conc: 8.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



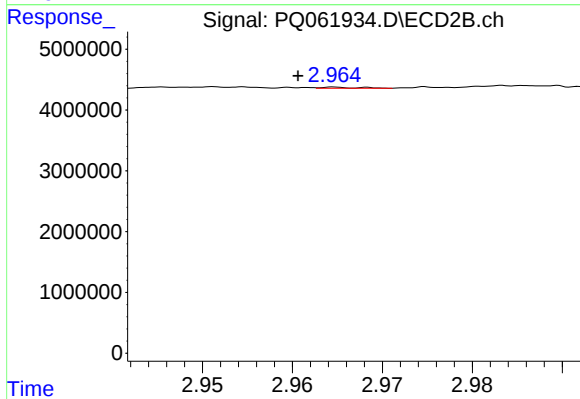
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: 0.002 min
Response: 1124094
Conc: 13.71 ng/ml



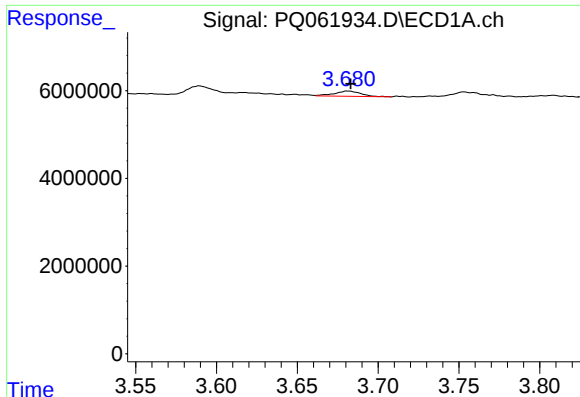
#8 AR-1221-1

R.T.: 3.616 min
Delta R.T.: 0.012 min
Response: 984297
Conc: 16.38 ng/ml



#8 AR-1221-1

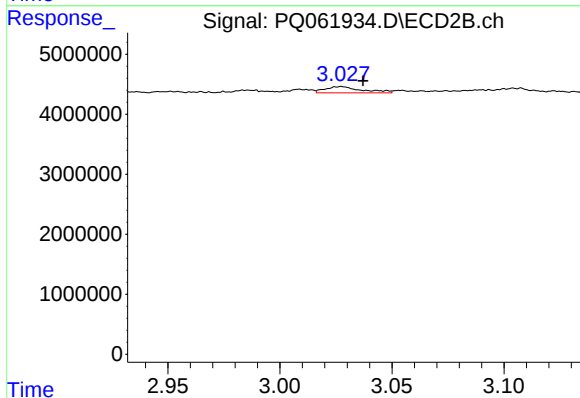
R.T.: 2.965 min
Delta R.T.: 0.004 min
Response: 51796
Conc: 1.57 ng/ml



#9 AR-1221-2

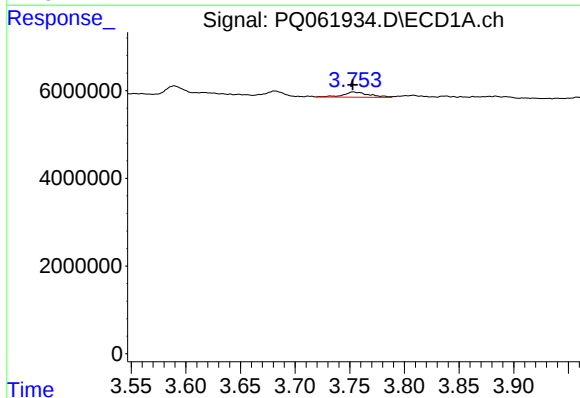
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 1365278
Conc: 30.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



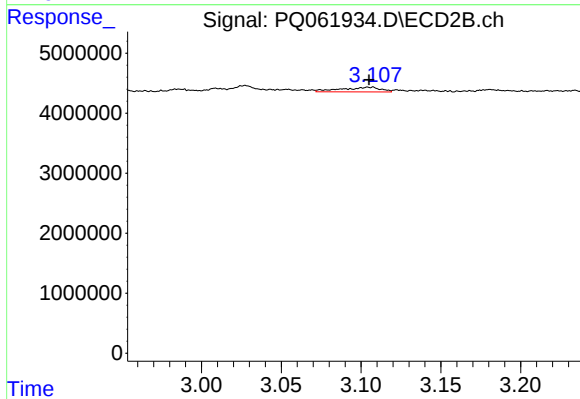
#9 AR-1221-2

R.T.: 3.027 min
Delta R.T.: -0.010 min
Response: 1198682
Conc: 47.19 ng/ml



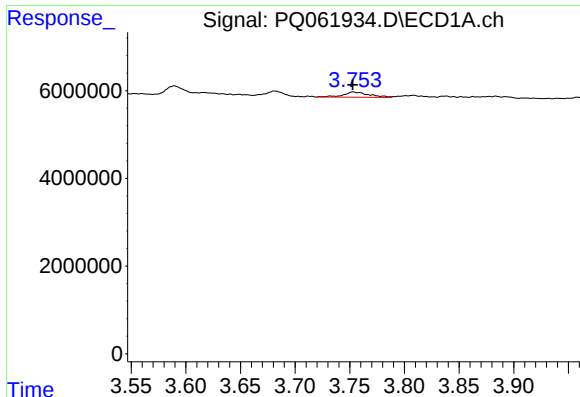
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 2020291
Conc: 14.38 ng/ml



#10 AR-1221-3

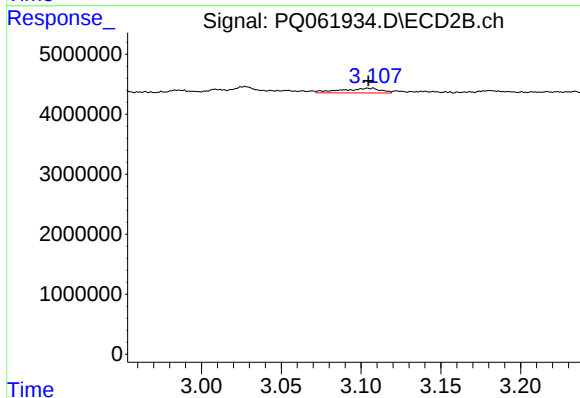
R.T.: 3.108 min
Delta R.T.: 0.003 min
Response: 1358589
Conc: 17.62 ng/ml



#11 AR-1232-1

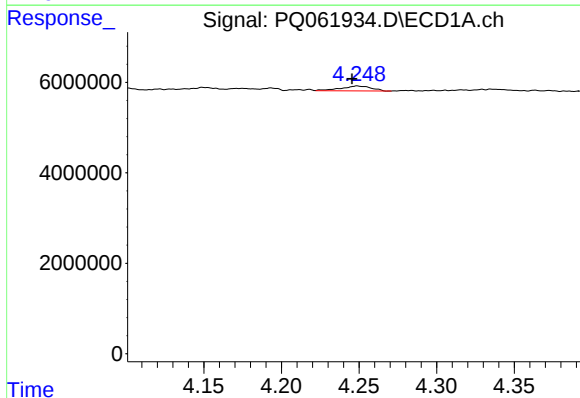
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 2020291
Conc: 19.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



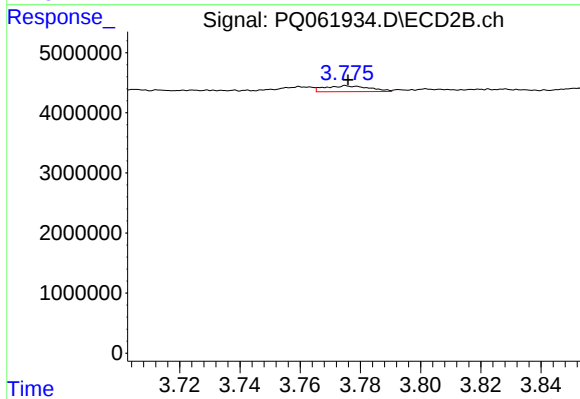
#11 AR-1232-1

R.T.: 3.108 min
Delta R.T.: 0.003 min
Response: 1358589
Conc: 23.71 ng/ml



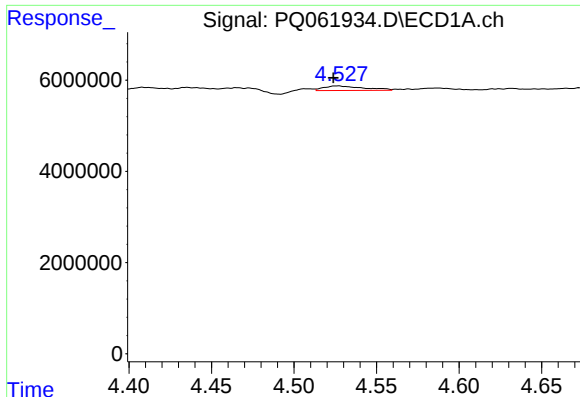
#12 AR-1232-2

R.T.: 4.249 min
Delta R.T.: 0.003 min
Response: 1468647
Conc: 24.83 ng/ml



#12 AR-1232-2

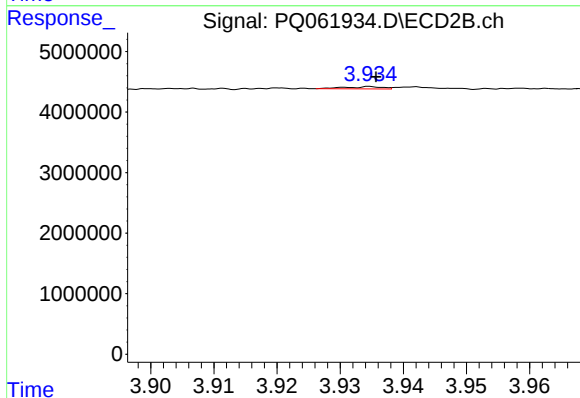
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 1022237
Conc: 15.36 ng/ml



#13 AR-1232-3

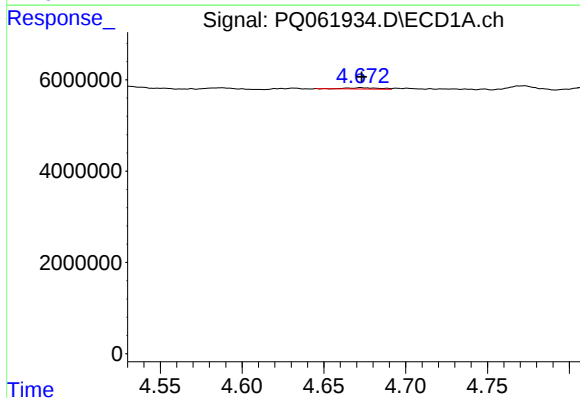
R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 1670542
Conc: 14.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



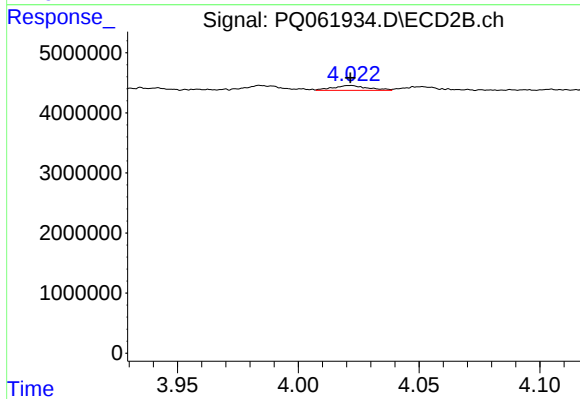
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 155564
Conc: 4.50 ng/ml



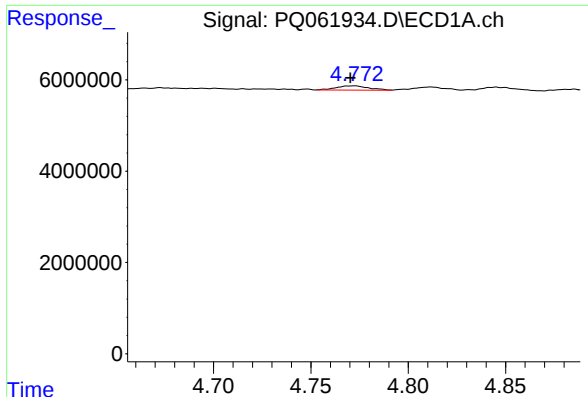
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 363307
Conc: 6.41 ng/ml



#14 AR-1232-4

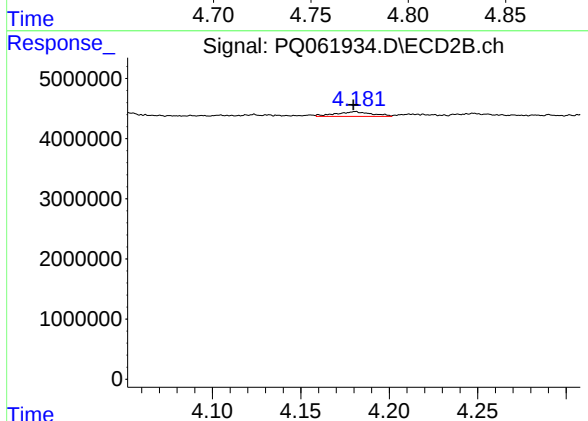
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 792952
Conc: 26.66 ng/ml



#15 AR-1232-5

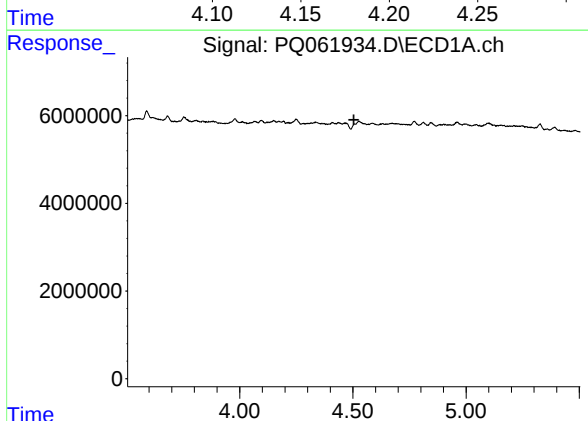
R.T.: 4.772 min
Delta R.T.: 0.002 min
Response: 1094982
Conc: 27.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



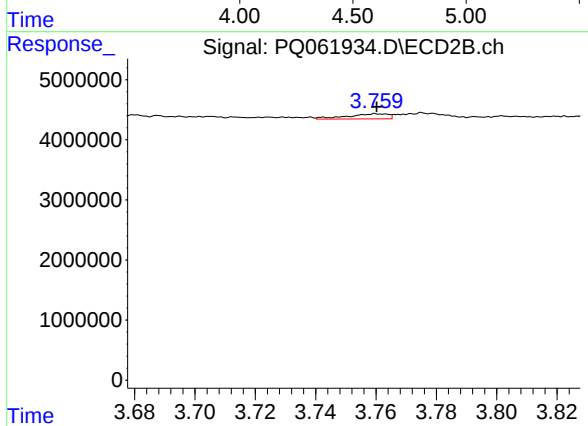
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: 0.001 min
Response: 1124094
Conc: 31.52 ng/ml



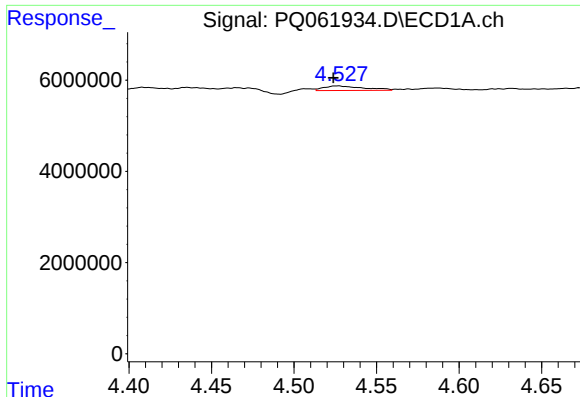
#16 AR-1242-1

R.T.: 4.508 min
Delta R.T.: 0.003 min
Response: -135115
Conc: N.D.



#16 AR-1242-1

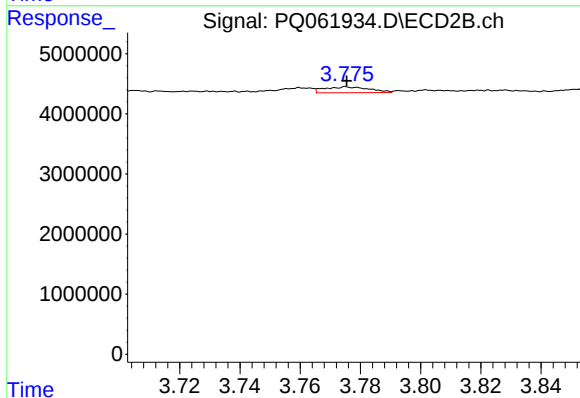
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 807971
Conc: 10.45 ng/ml



#17 AR-1242-2

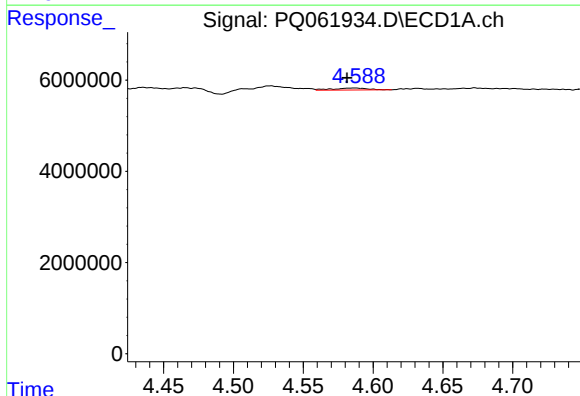
R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 1670542
Conc: 8.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



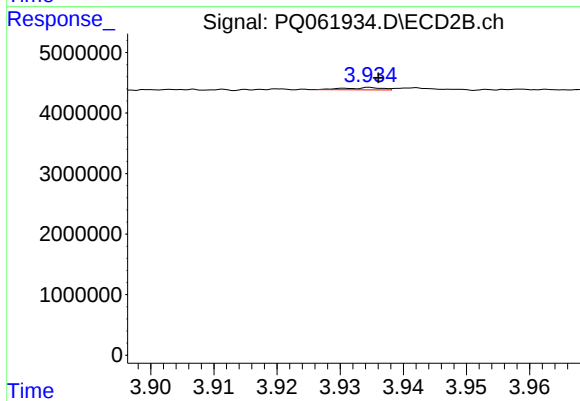
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 1022237
Conc: 9.20 ng/ml



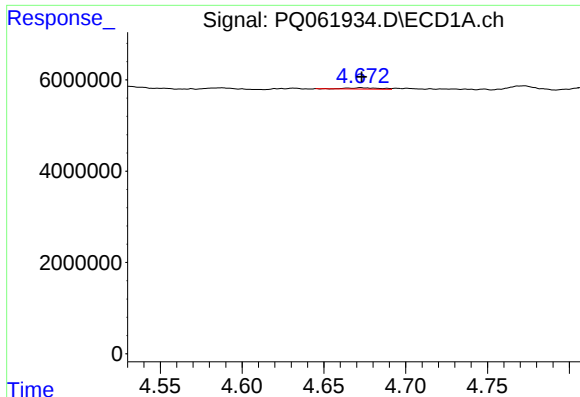
#18 AR-1242-3

R.T.: 4.587 min
Delta R.T.: 0.006 min
Response: 758133
Conc: 6.27 ng/ml



#18 AR-1242-3

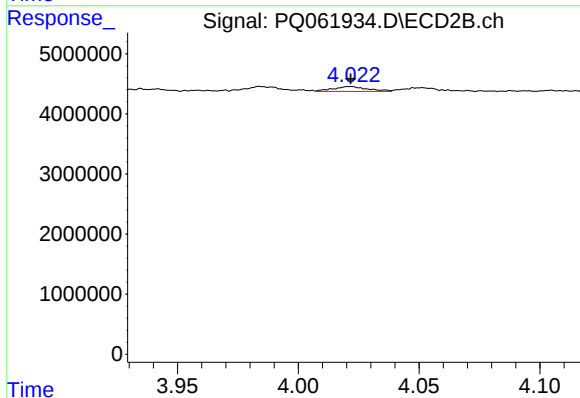
R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 155564
Conc: 2.66 ng/ml



#19 AR-1242-4

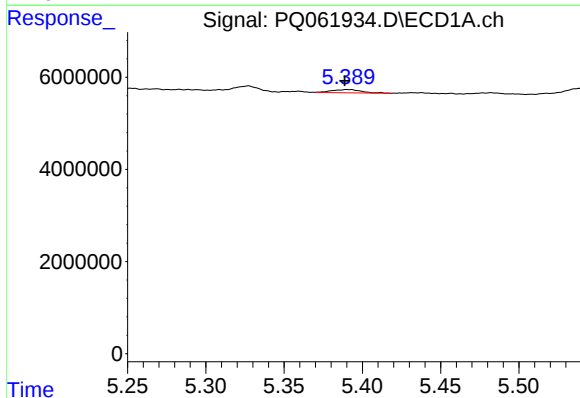
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 363307
Conc: 3.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



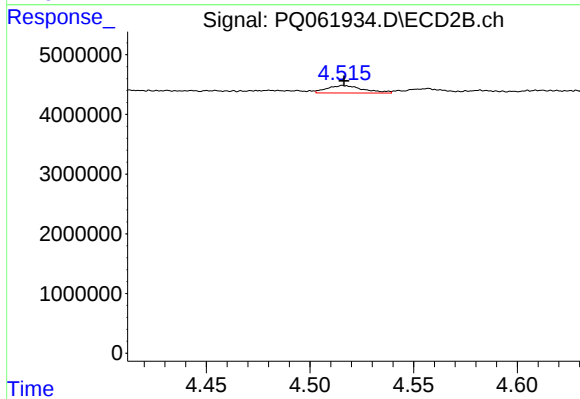
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 792952
Conc: 13.53 ng/ml



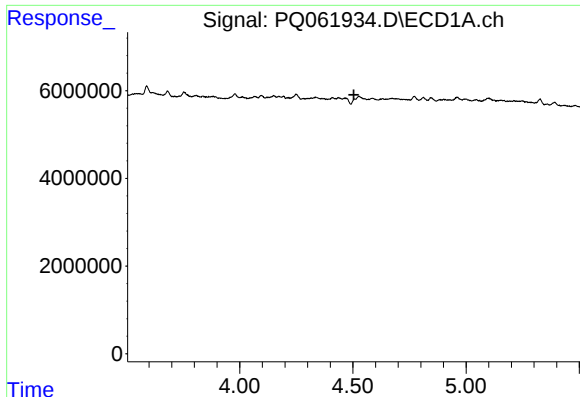
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 923092
Conc: 9.64 ng/ml



#20 AR-1242-5

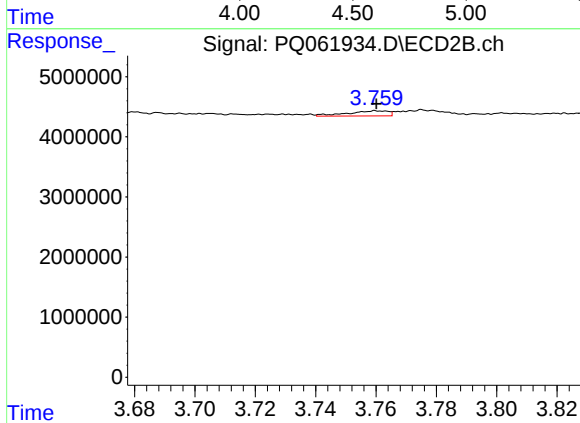
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1526996
Conc: 18.42 ng/ml



#21 AR-1248-1

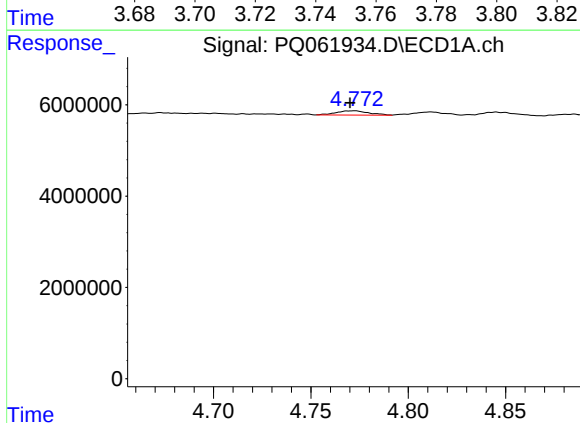
R.T.: 4.508 min
Delta R.T.: 0.003 min
Response: -135115
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



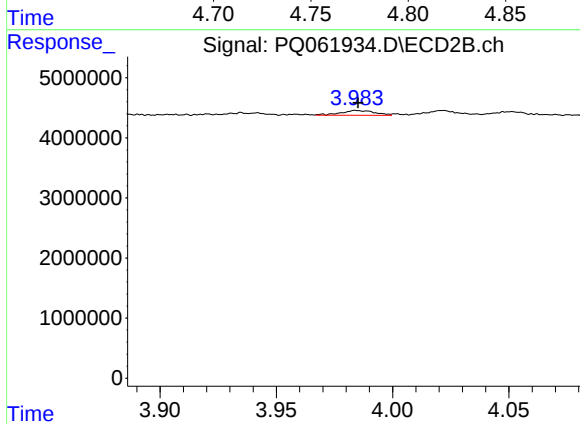
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 807971
Conc: 12.92 ng/ml



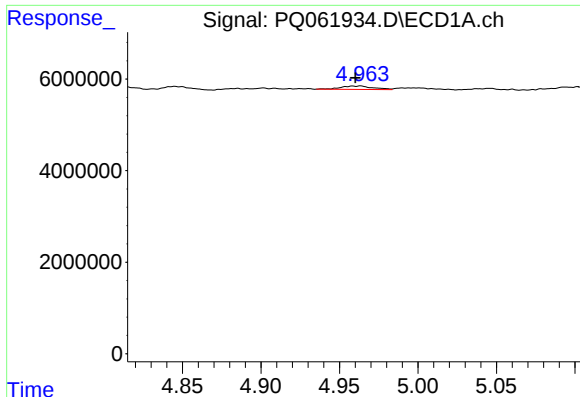
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.002 min
Response: 1094982
Conc: 7.62 ng/ml



#22 AR-1248-2

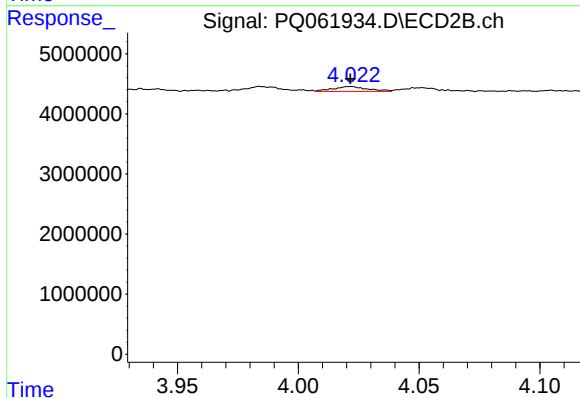
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 804271
Conc: 8.58 ng/ml



#23 AR-1248-3

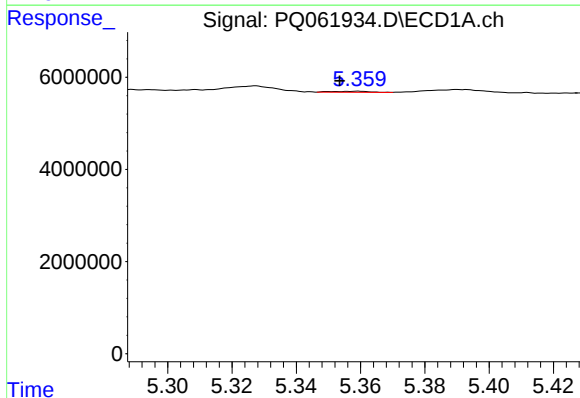
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 1072843
Conc: 6.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



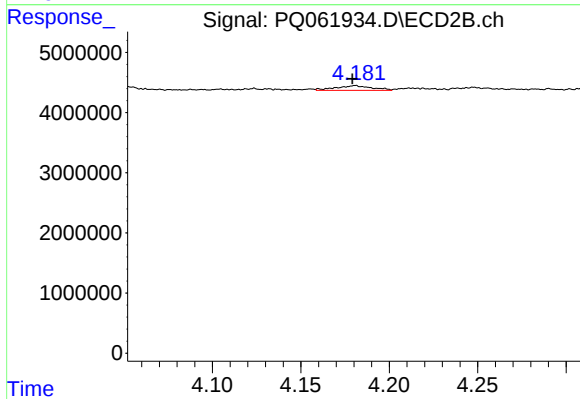
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 792952
Conc: 8.76 ng/ml



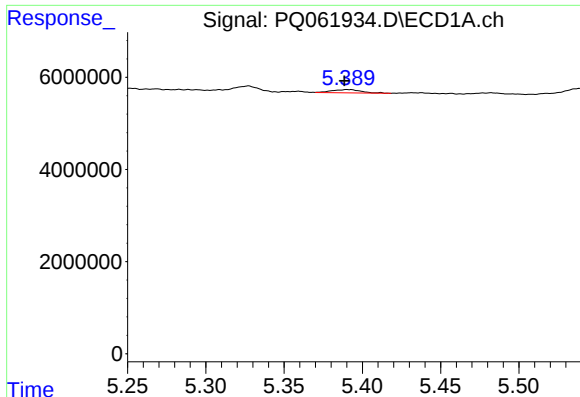
#24 AR-1248-4

R.T.: 5.359 min
Delta R.T.: 0.006 min
Response: 190108
Conc: 0.99 ng/ml



#24 AR-1248-4

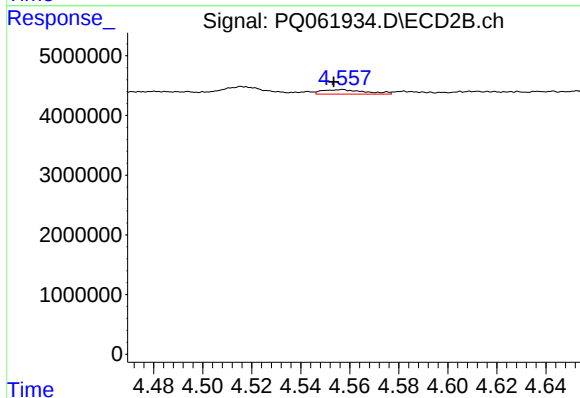
R.T.: 4.181 min
Delta R.T.: 0.002 min
Response: 1124094
Conc: 9.96 ng/ml



#25 AR-1248-5

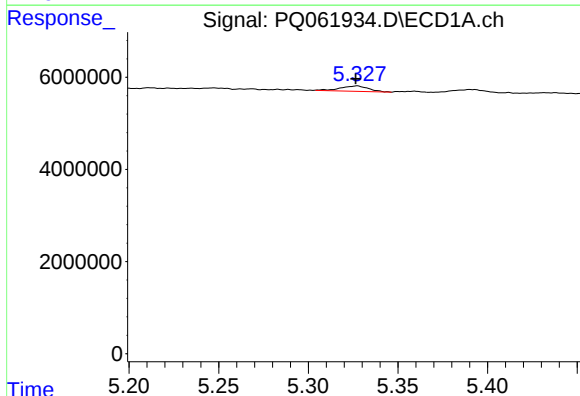
R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 923092
Conc: 5.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



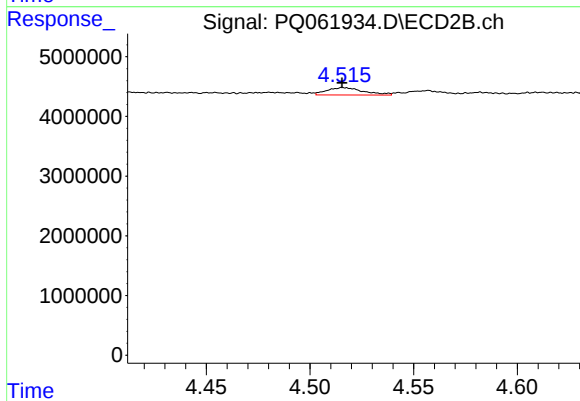
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.004 min
Response: 922394
Conc: 8.23 ng/ml



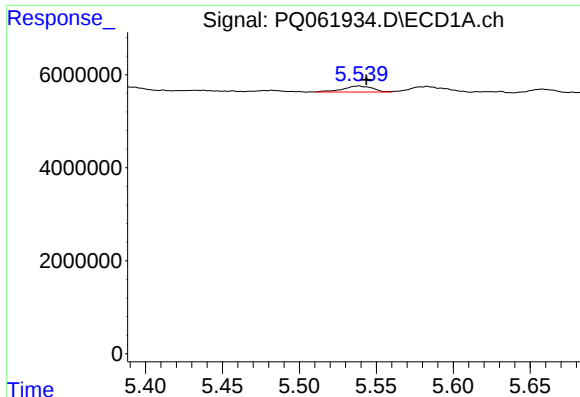
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 1279898
Conc: 6.89 ng/ml



#26 AR-1254-1

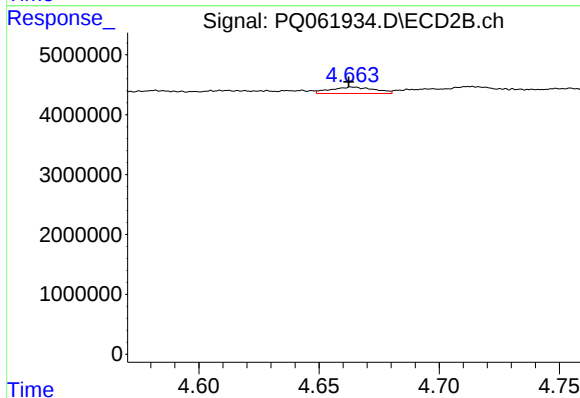
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1526996
Conc: 9.46 ng/ml



#27 AR-1254-2

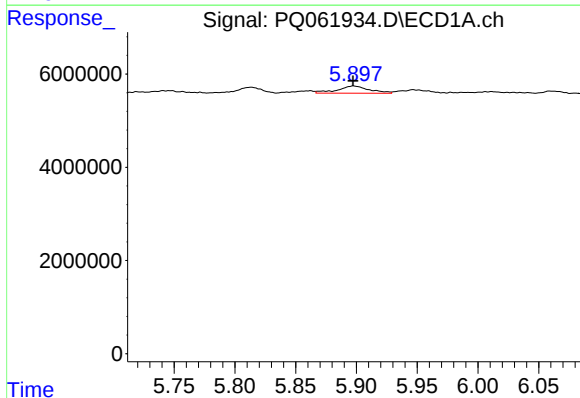
R.T.: 5.539 min
Delta R.T.: -0.005 min
Response: 1727768
Conc: 5.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



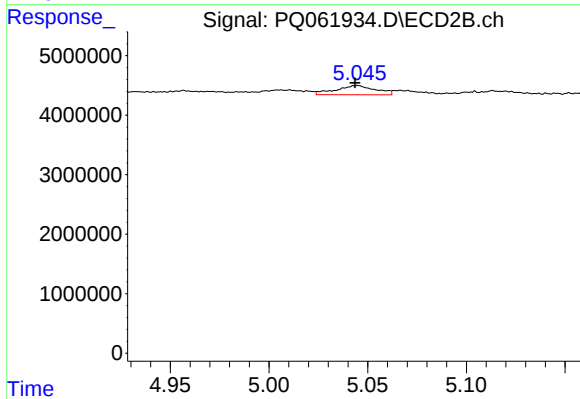
#27 AR-1254-2

R.T.: 4.664 min
Delta R.T.: 0.001 min
Response: 1369544
Conc: 9.30 ng/ml



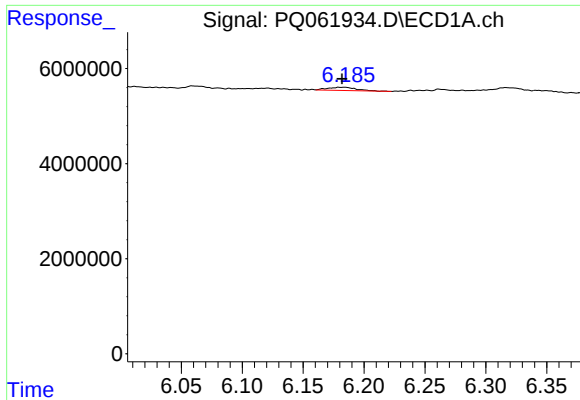
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 2861263
Conc: 9.32 ng/ml



#28 AR-1254-3

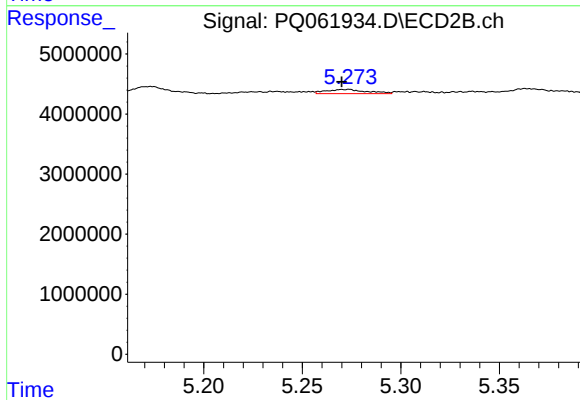
R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 2171235
Conc: 9.29 ng/ml



#29 AR-1254-4

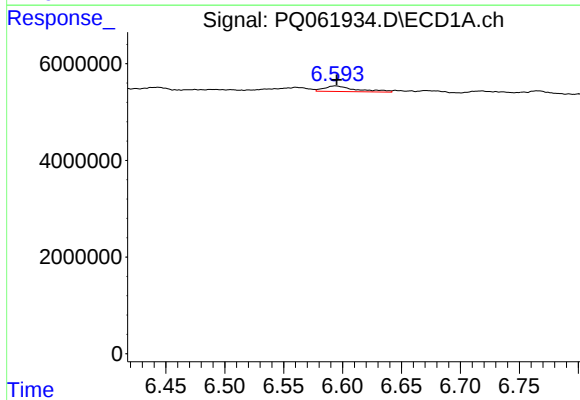
R.T.: 6.184 min
Delta R.T.: 0.002 min
Response: 1072892
Conc: 4.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



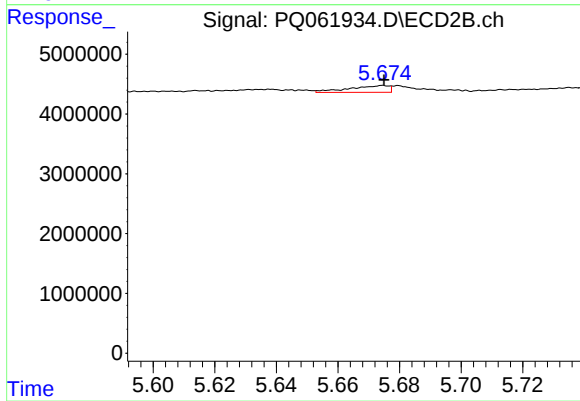
#29 AR-1254-4

R.T.: 5.274 min
Delta R.T.: 0.004 min
Response: 1017269
Conc: 6.67 ng/ml



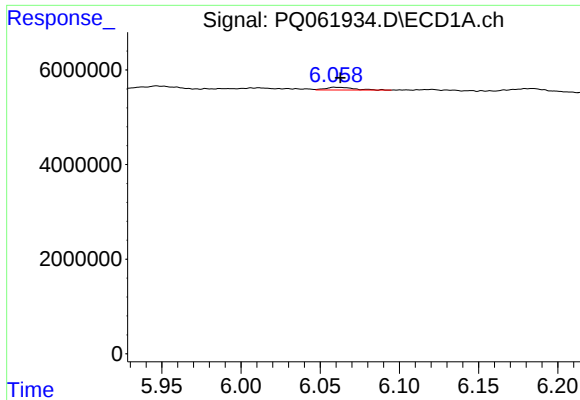
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 2142221
Conc: 8.34 ng/ml



#30 AR-1254-5

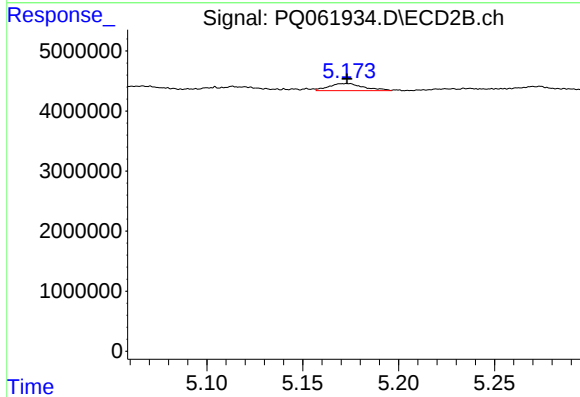
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 1001200
Conc: 4.34 ng/ml



#31 AR-1260-1

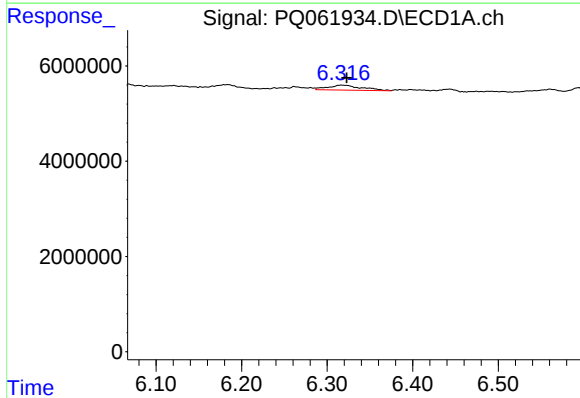
R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 708788
Conc: 3.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



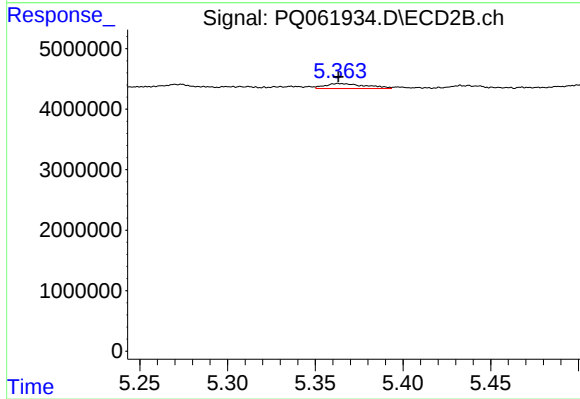
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 1509057
Conc: 9.06 ng/ml



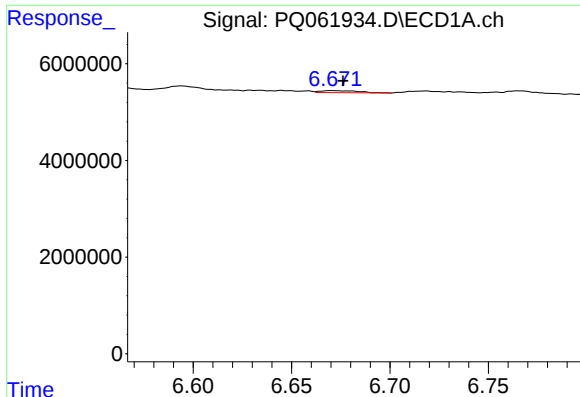
#32 AR-1260-2

R.T.: 6.317 min
Delta R.T.: -0.006 min
Response: 2895944
Conc: 10.03 ng/ml



#32 AR-1260-2

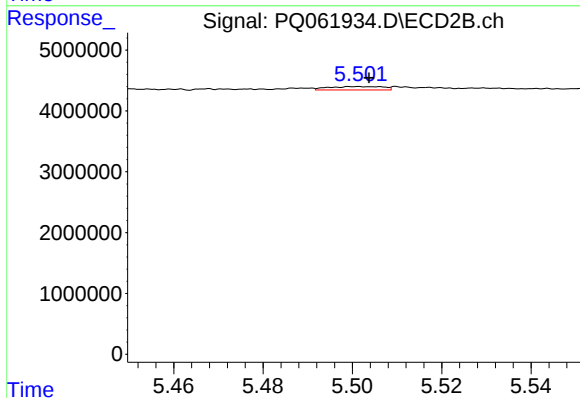
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 1345665
Conc: 6.47 ng/ml



#33 AR-1260-3

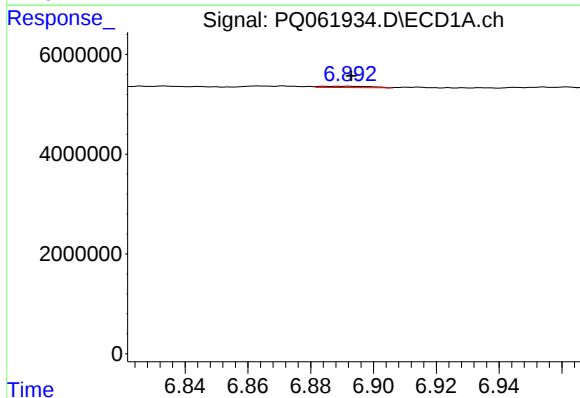
R.T.: 6.670 min
Delta R.T.: -0.006 min
Response: 534726
Conc: 3.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



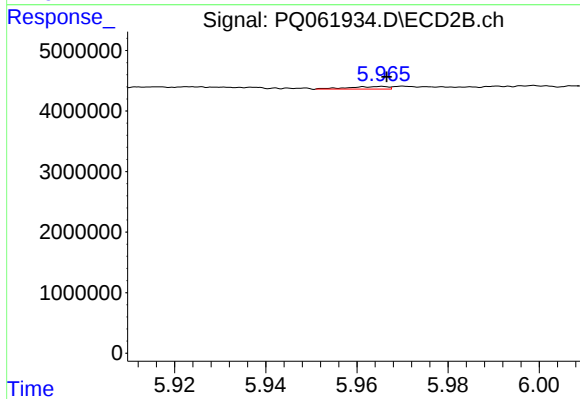
#33 AR-1260-3

R.T.: 5.501 min
Delta R.T.: -0.002 min
Response: 476868
Conc: 2.45 ng/ml



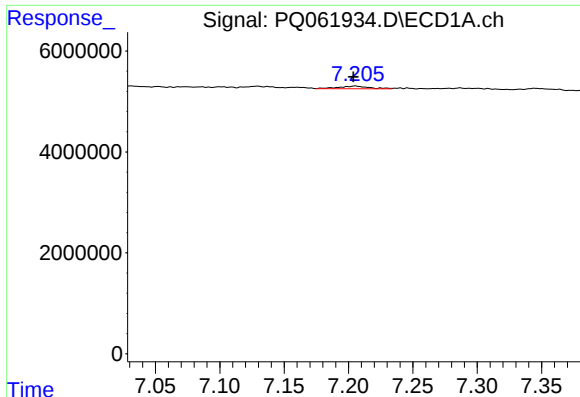
#34 AR-1260-4

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 285741
Conc: 1.36 ng/ml



#34 AR-1260-4

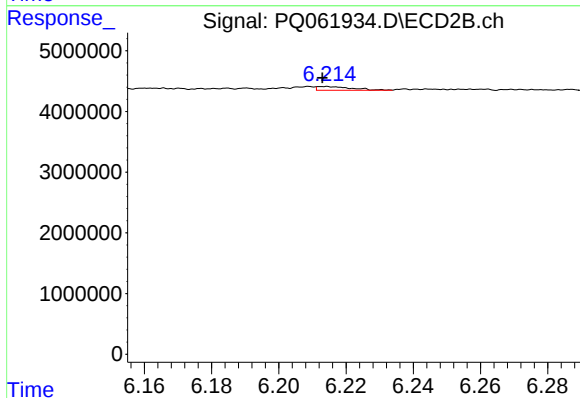
R.T.: 5.966 min
Delta R.T.: -0.001 min
Response: 261304
Conc: 1.79 ng/ml



#35 AR-1260-5

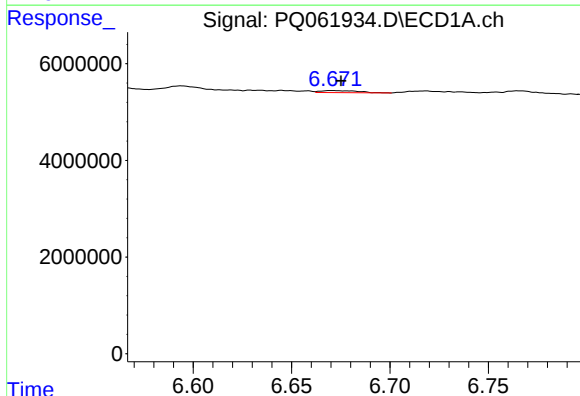
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 879276
Conc: 2.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



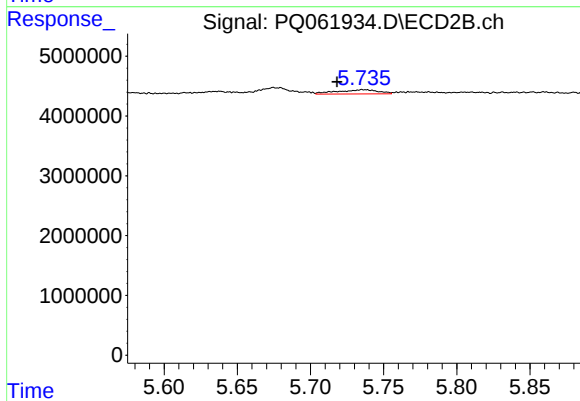
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: 0.001 min
Response: 447484
Conc: 1.35 ng/ml



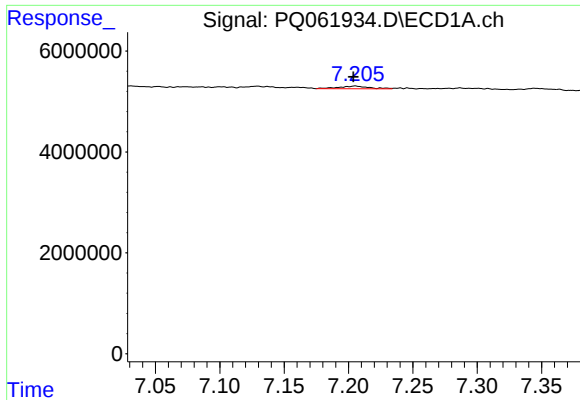
#36 AR-1262-1

R.T.: 6.670 min
Delta R.T.: -0.005 min
Response: 534726
Conc: 1.75 ng/ml



#36 AR-1262-1

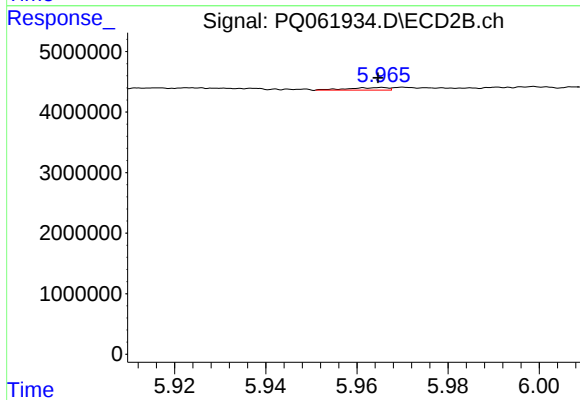
R.T.: 5.735 min
Delta R.T.: 0.017 min
Response: 1348982
Conc: 5.80 ng/ml



#37 AR-1262-2

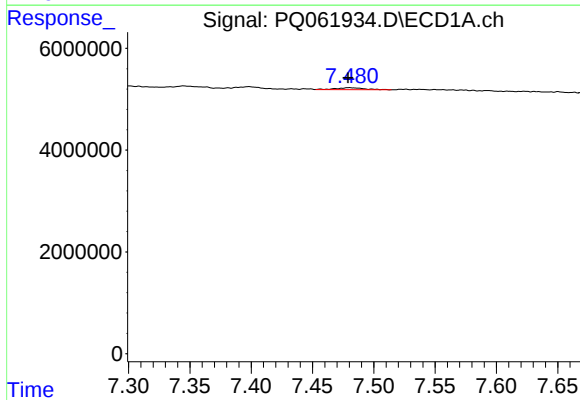
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 879276
Conc: 1.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



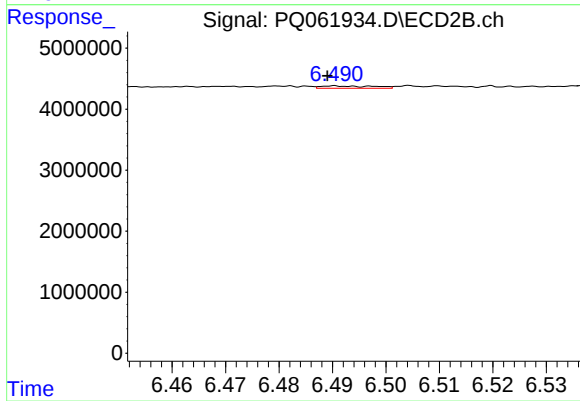
#37 AR-1262-2

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 261304
Conc: 1.21 ng/ml



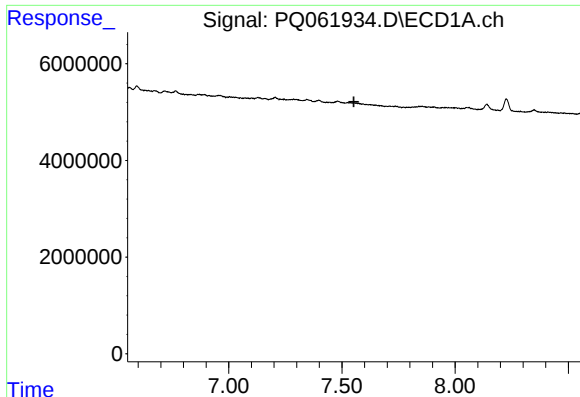
#38 AR-1262-3

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 585793
Conc: 1.66 ng/ml



#38 AR-1262-3

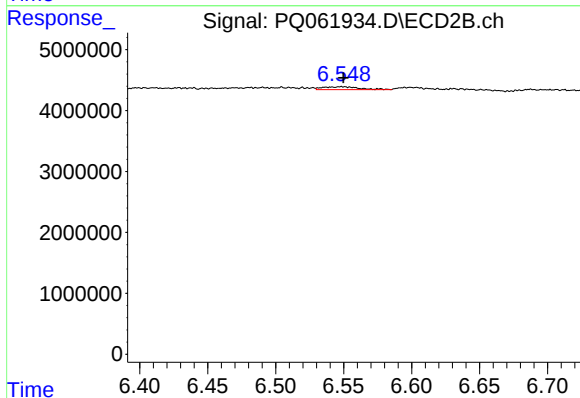
R.T.: 6.491 min
Delta R.T.: 0.002 min
Response: 267739
Conc: 1.54 ng/ml



#39 AR-1262-4

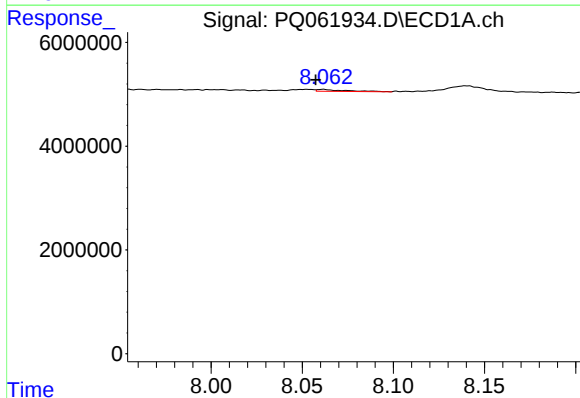
R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



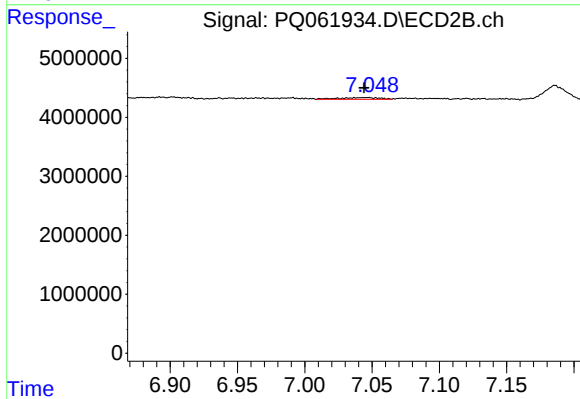
#39 AR-1262-4

R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 892022
Conc: 2.77 ng/ml



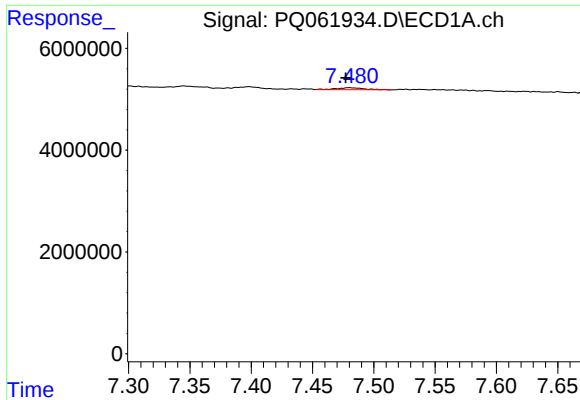
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 380540
Conc: 2.14 ng/ml



#40 AR-1262-5

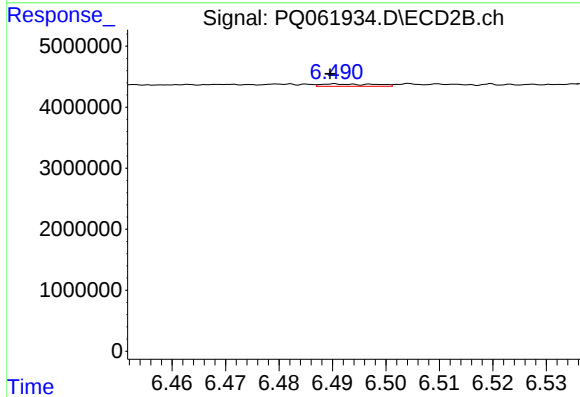
R.T.: 7.047 min
Delta R.T.: 0.003 min
Response: 634380
Conc: 4.09 ng/ml



#41 AR-1268-1

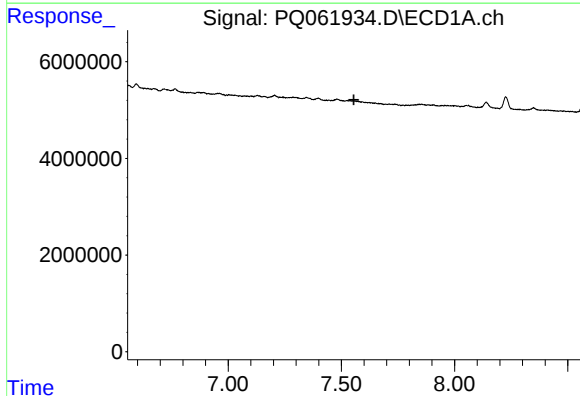
R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 585793
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



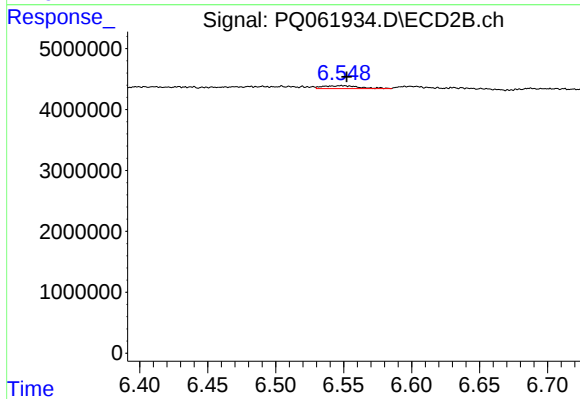
#41 AR-1268-1

R.T.: 6.491 min
Delta R.T.: 0.001 min
Response: 267739
Conc: 0.57 ng/ml



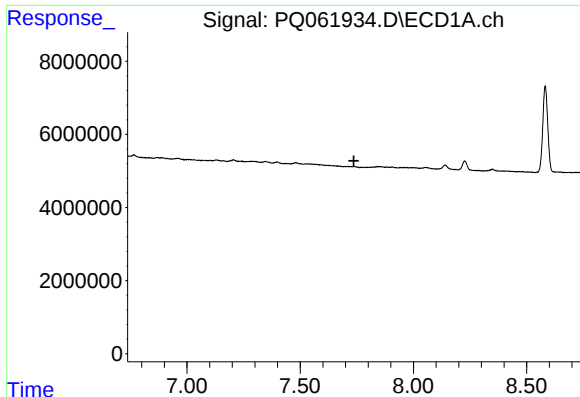
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.556 min
Response: 0
Conc: N.D.



#42 AR-1268-2

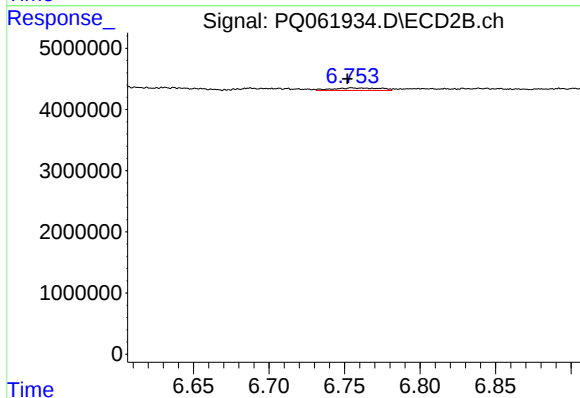
R.T.: 6.549 min
Delta R.T.: -0.004 min
Response: 892022
Conc: 2.11 ng/ml



#43 AR-1268-3

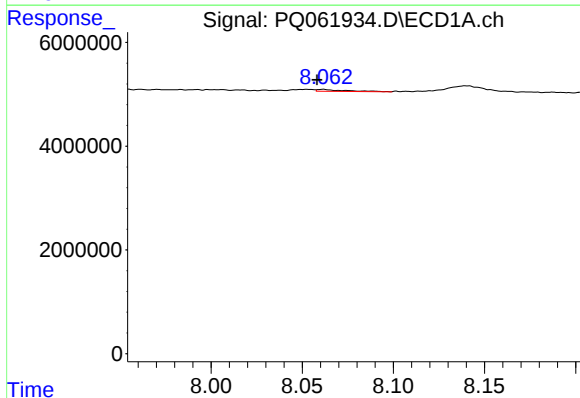
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



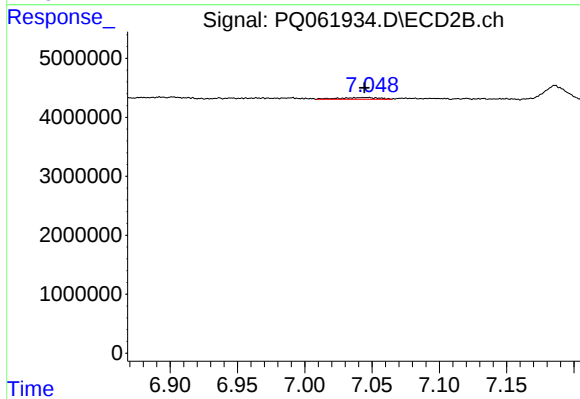
#43 AR-1268-3

R.T.: 6.755 min
Delta R.T.: 0.003 min
Response: 912046
Conc: 2.48 ng/ml



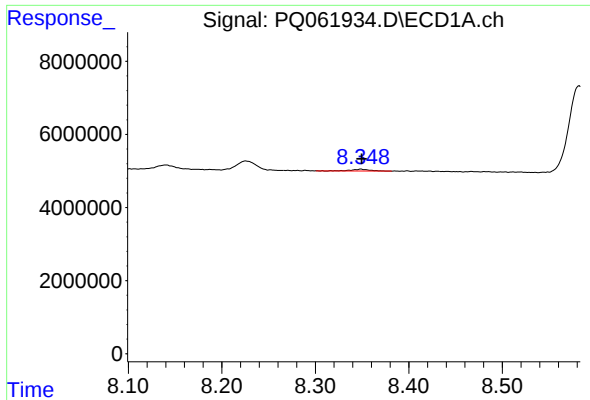
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 380540
Conc: 2.08 ng/ml



#44 AR-1268-4

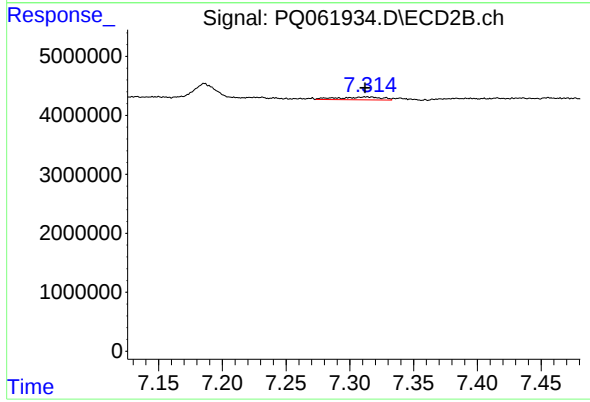
R.T.: 7.047 min
Delta R.T.: 0.003 min
Response: 634380
Conc: 3.97 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 676527
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 1116162
Conc: 0.96 ng/ml