

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111623\
 Data File : PQ064181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Nov 2023 21:50
 Operator : YP\AJ
 Sample : AIBLK24
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 01:05:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 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...	3.459	2.776	84078265	87492980	18.347	19.487
2)	SA Decachlor...	8.692	7.572	122.5E6	156.4E6	37.097	29.186
Target Compounds							
3)	L1 AR-1016-1	4.632f	0.000	1106820	0	7.718	N.D. #
4)	L1 AR-1016-2	4.632f	0.000	1106820	0	5.053	N.D. #
5)	L1 AR-1016-3	4.661	0.000	1074076	0	7.851	N.D. #
6)	L1 AR-1016-4	4.763	0.000	429980	0	3.815	N.D. #
7)	L1 AR-1016-5	5.082f	4.267f	412993	421208	3.704	3.895
8)	L2 AR-1221-1	3.673	3.031f	758050	533310	13.712	9.822 #
9)	L2 AR-1221-2	3.741	3.045	1148055	1312765	31.502	35.345
10)	L2 AR-1221-3	3.794	3.137	1054523	718991	8.549	5.764 #
11)	L3 AR-1232-1	3.794	3.137	1054523	718991	10.390	6.907 #
13)	L3 AR-1232-3	4.632f	0.000	1106820	0	11.395	N.D. #
14)	L3 AR-1232-4	4.763	0.000	429980	0	8.565	N.D. #
15)	L3 AR-1232-5	4.869	4.267f	332335	421208	9.201	9.048
16)	L4 AR-1242-1	4.632f	0.000	1106820	0	9.227	N.D. #
17)	L4 AR-1242-2	4.632f	0.000	1106820	0	6.145	N.D. #
18)	L4 AR-1242-3	4.661	0.000	1074076	0	9.571	N.D. #
19)	L4 AR-1242-4	4.763	0.000	429980	0	4.671	N.D. #
20)	L4 AR-1242-5	5.485	0.000	1209587	0	12.655	N.D. #
21)	L5 AR-1248-1	4.632f	0.000	1106820	0	11.931	N.D. #
22)	L5 AR-1248-2	4.869	0.000	332335	0	2.514	N.D. #
23)	L5 AR-1248-3	5.082f	0.000	412993	0	2.633	N.D. #
24)	L5 AR-1248-4	5.405	4.267f	3951992	421208	23.021	2.783 #
25)	L5 AR-1248-5	5.485	0.000	1209587	0	7.207	N.D. #
26)	L6 AR-1254-1	5.405	0.000	3951992	0	22.773	N.D. #
27)	L6 AR-1254-2	5.624	0.000	414411	0	1.542	N.D. #
28)	L6 AR-1254-3	5.956	5.086	753635	2195805	2.742	7.392 #
29)	L6 AR-1254-4	0.000	5.281	0	254632	N.D.	1.349 #
30)	L6 AR-1254-5	6.704	5.713	1227284	67287	5.609	0.247 #
31)	L7 AR-1260-1	6.103f	5.271f	103205	586587	0.472	2.791 #
32)	L7 AR-1260-2	6.449f	5.354f	141085	897607	0.542	3.604 #
33)	L7 AR-1260-3	6.762	0.000	162175	0	0.845	N.D. #
34)	L7 AR-1260-4	7.045f	6.043f	760235	396080	3.540	1.958 #
35)	L7 AR-1260-5	7.242f	0.000	2054302	0	5.077	N.D. #
36)	L8 AR-1262-1	6.762	5.713f	162175	67287	0.574	0.232 #
37)	L8 AR-1262-2	7.242f	0.000	2054302	0	4.468	N.D. #
38)	L8 AR-1262-3	7.623f	0.000	1766421	0	5.706	N.D. #
39)	L8 AR-1262-4	7.648	0.000	956392	0	4.011	N.D. #
40)	L8 AR-1262-5	0.000	7.149f	0	1555683	N.D.	7.766 #
41)	L9 AR-1268-1	7.623f	0.000	1766421	0	3.300	N.D. #
42)	L9 AR-1268-2	7.648	0.000	956392	0	1.975	N.D. #

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 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
44) L9	AR-1268-4	0.000	7.149f	0	1555683	N.D.	7.325 #
45) L9	AR-1268-5	8.450	0.000	712260	0	0.579	N.D. #

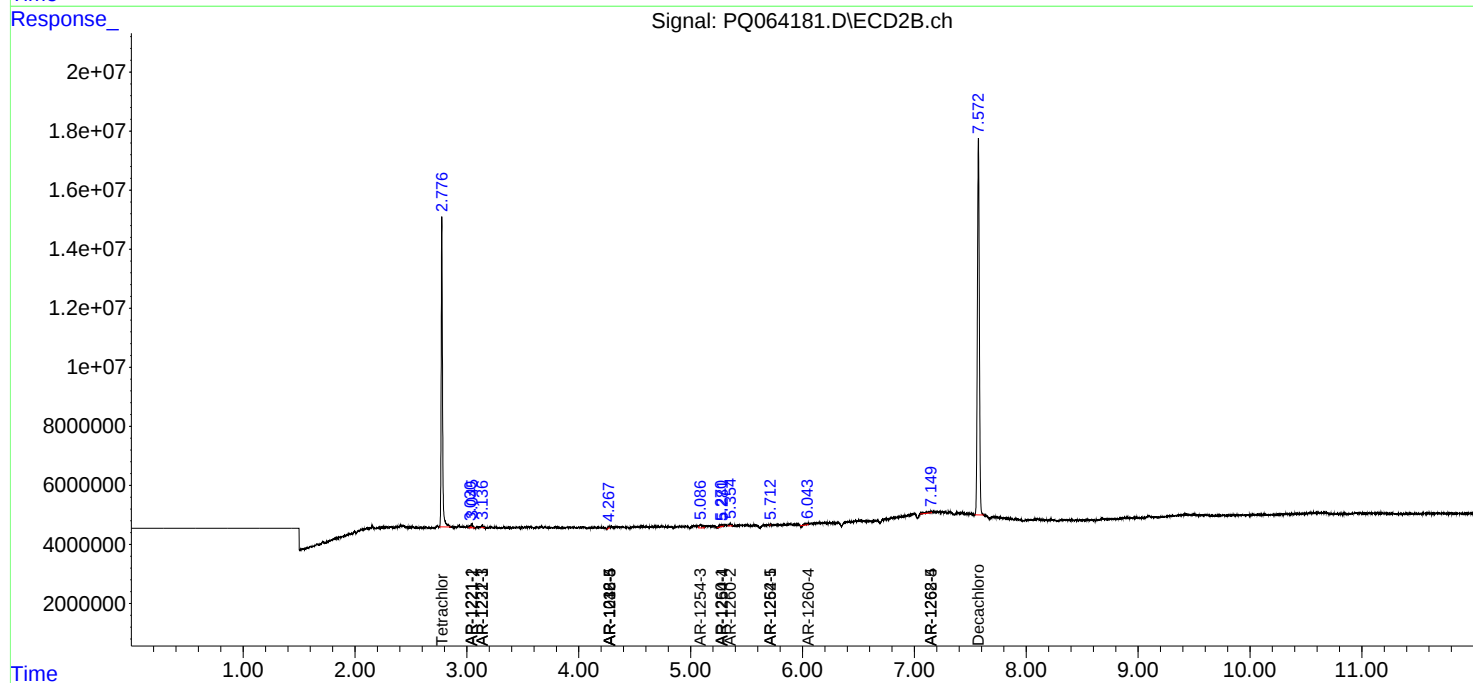
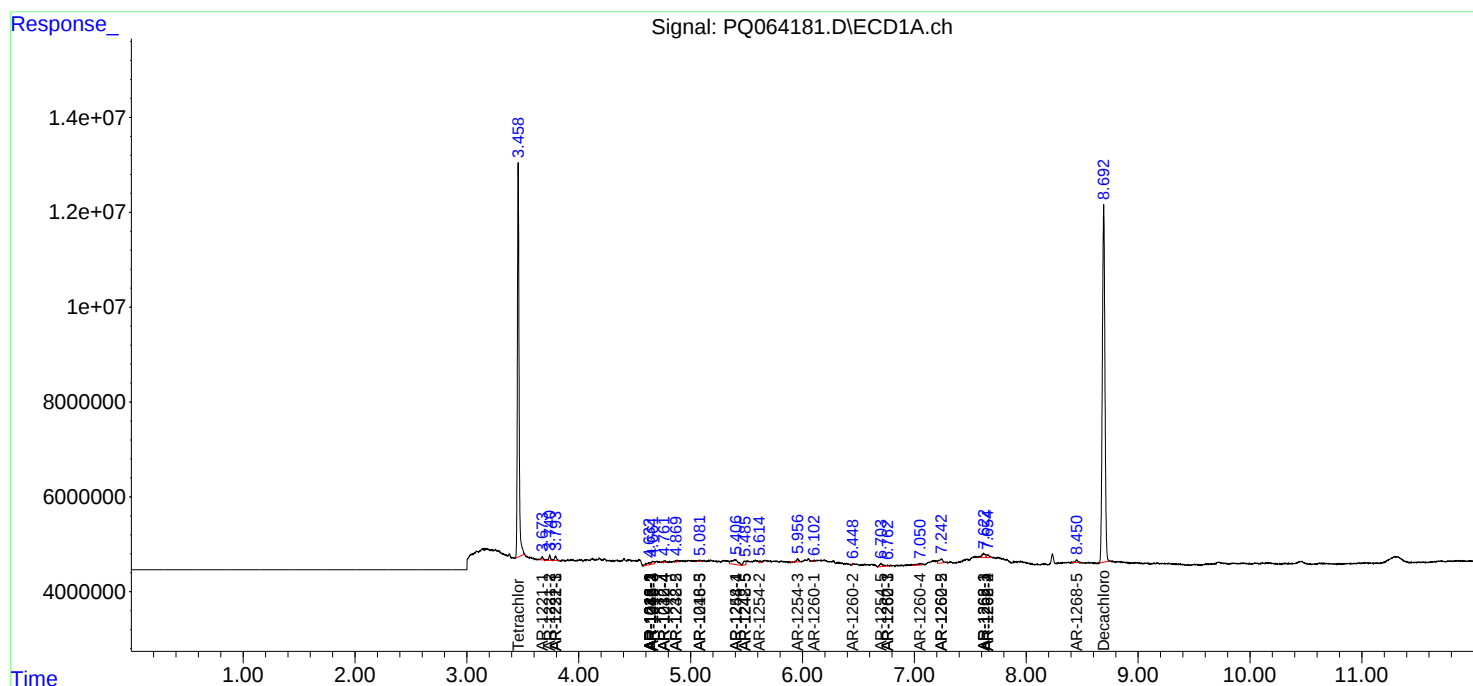
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

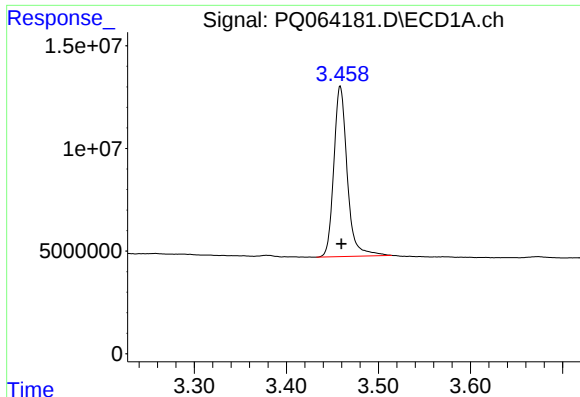
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111623\
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QLast Update : Sat Nov 11 06:14:57 2023
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

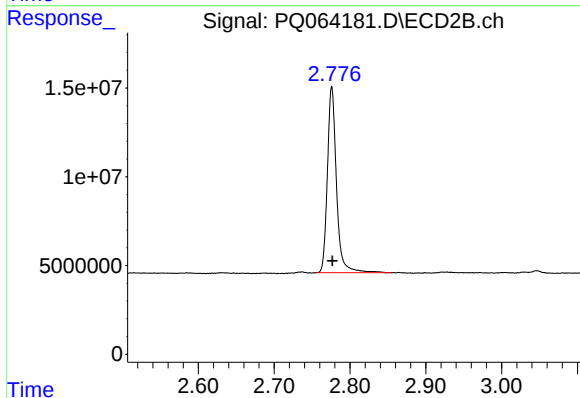




#1 Tetrachloro-m-xylene

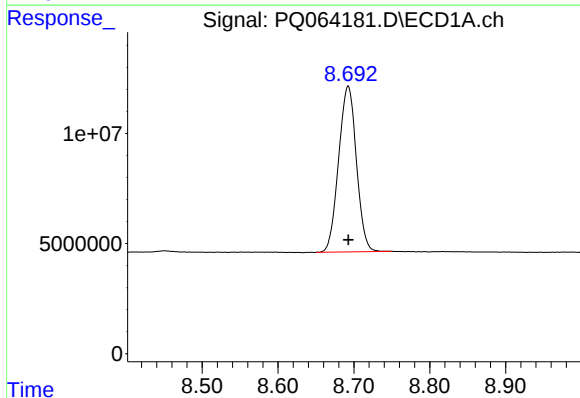
R.T.: 3.459 min
Delta R.T.: -0.001 min
Response: 84078265
Conc: 18.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



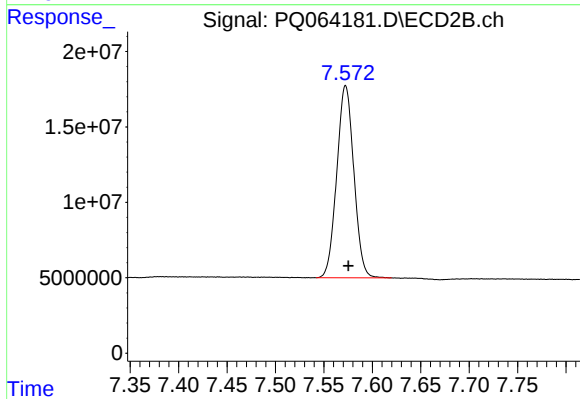
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 87492980
Conc: 19.49 ng/ml



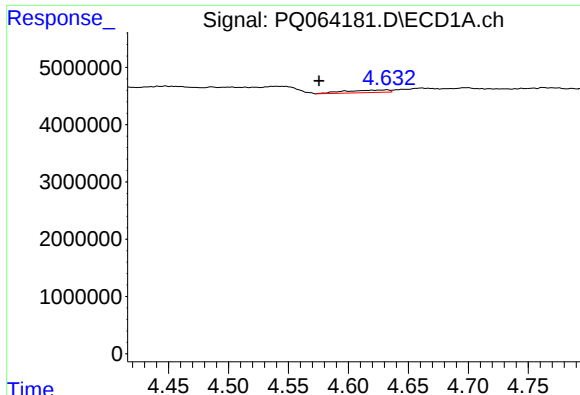
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 122530035
Conc: 37.10 ng/ml



#2 Decachlorobiphenyl

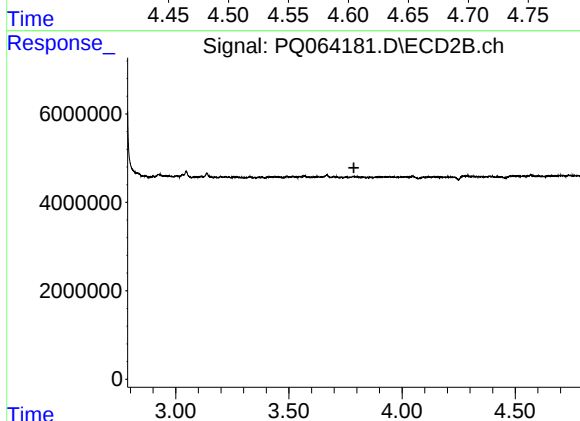
R.T.: 7.572 min
Delta R.T.: -0.003 min
Response: 156424278
Conc: 29.19 ng/ml



#3 AR-1016-1

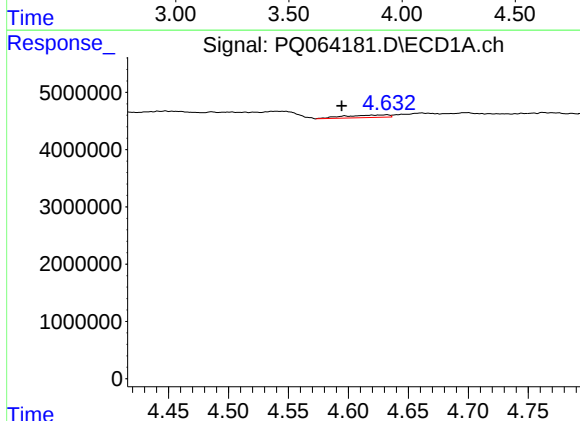
R.T.: 4.632 min
Delta R.T.: 0.056 min
Response: 1106820
Conc: 7.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



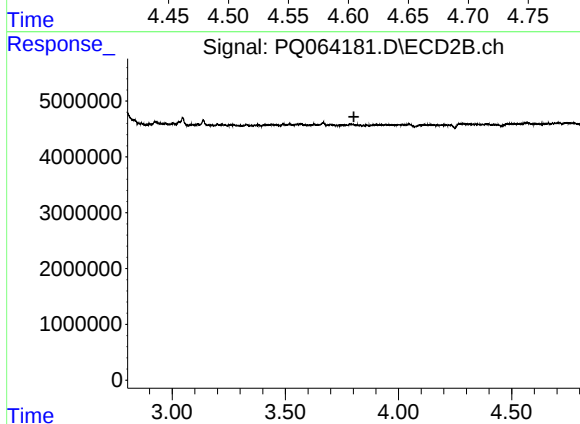
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.787 min
Response: 0
Conc: N.D.



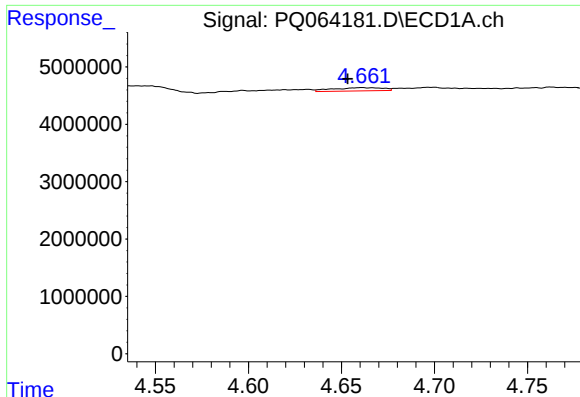
#4 AR-1016-2

R.T.: 4.632 min
Delta R.T.: 0.037 min
Response: 1106820
Conc: 5.05 ng/ml



#4 AR-1016-2

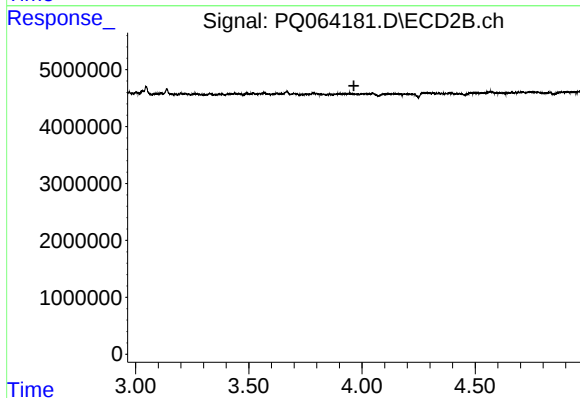
R.T.: 0.000 min
Exp R.T. : 3.803 min
Response: 0
Conc: N.D.



#5 AR-1016-3

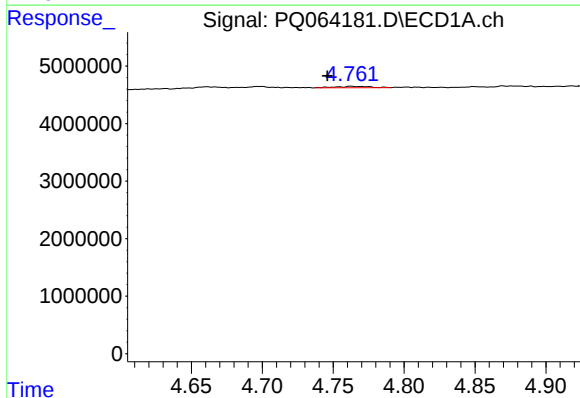
R.T.: 4.661 min
Delta R.T.: 0.008 min
Response: 1074076
Conc: 7.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



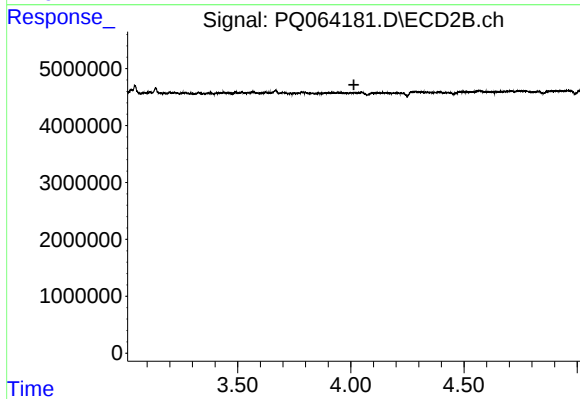
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



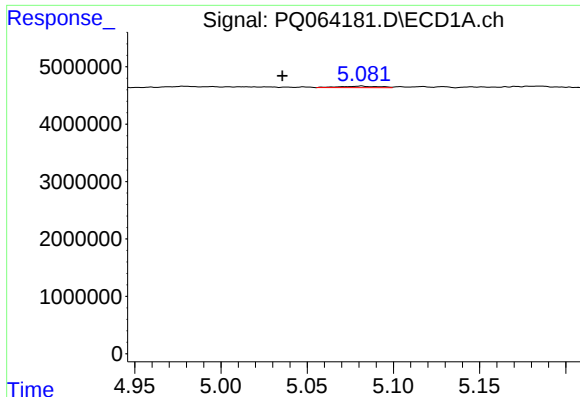
#6 AR-1016-4

R.T.: 4.763 min
Delta R.T.: 0.017 min
Response: 429980
Conc: 3.81 ng/ml



#6 AR-1016-4

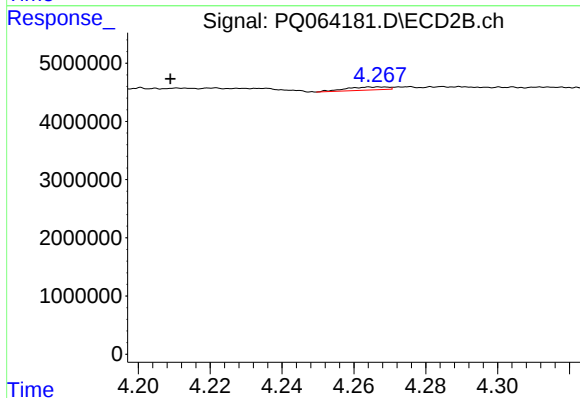
R.T.: 0.000 min
Exp R.T. : 4.013 min
Response: 0
Conc: N.D.



#7 AR-1016-5

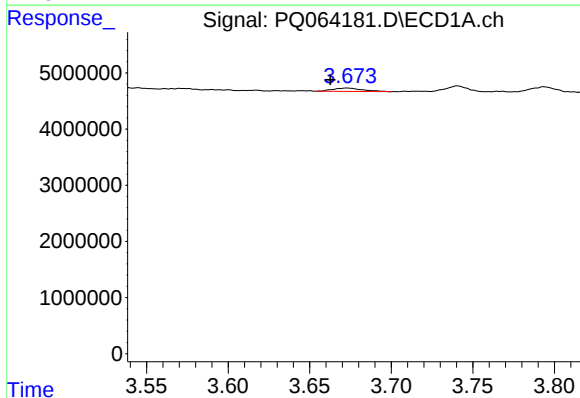
R.T.: 5.082 min
Delta R.T.: 0.046 min
Response: 412993
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



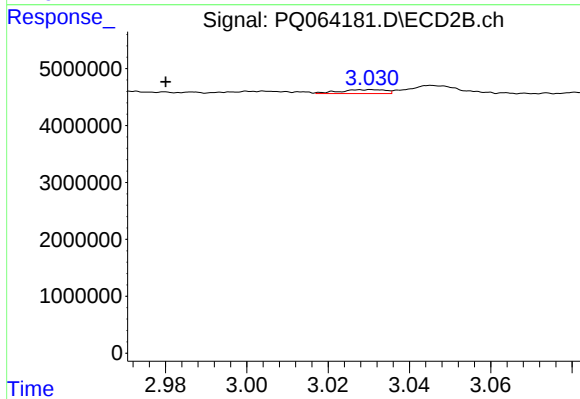
#7 AR-1016-5

R.T.: 4.267 min
Delta R.T.: 0.058 min
Response: 421208
Conc: 3.90 ng/ml



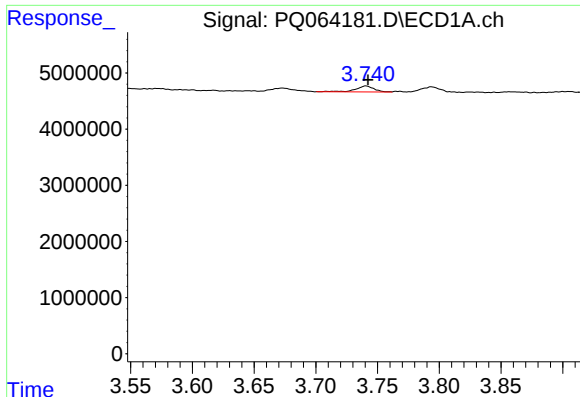
#8 AR-1221-1

R.T.: 3.673 min
Delta R.T.: 0.010 min
Response: 758050
Conc: 13.71 ng/ml



#8 AR-1221-1

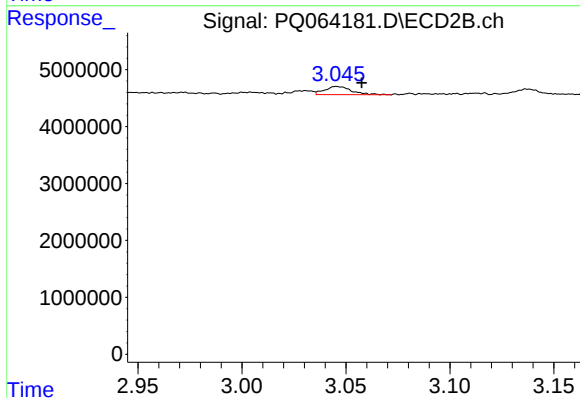
R.T.: 3.031 min
Delta R.T.: 0.051 min
Response: 533310
Conc: 9.82 ng/ml



#9 AR-1221-2

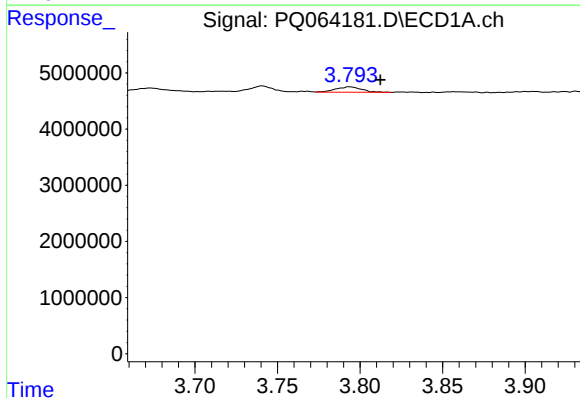
R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 1148055
Conc: 31.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



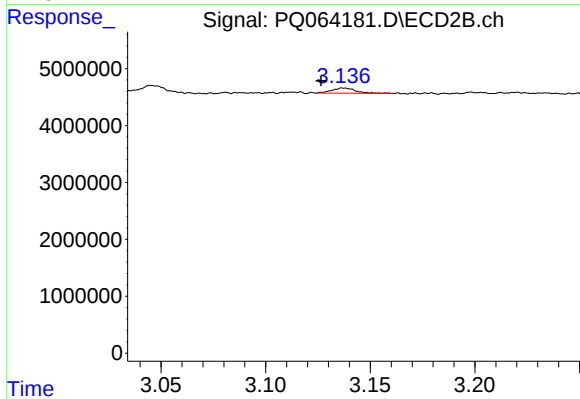
#9 AR-1221-2

R.T.: 3.045 min
Delta R.T.: -0.012 min
Response: 1312765
Conc: 35.35 ng/ml



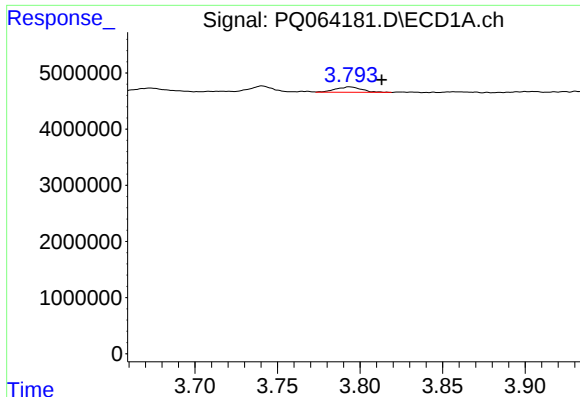
#10 AR-1221-3

R.T.: 3.794 min
Delta R.T.: -0.019 min
Response: 1054523
Conc: 8.55 ng/ml



#10 AR-1221-3

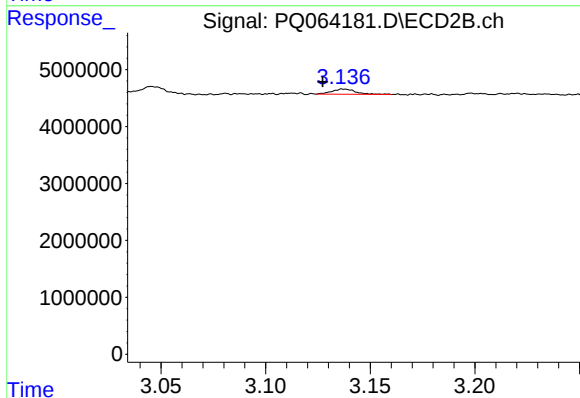
R.T.: 3.137 min
Delta R.T.: 0.010 min
Response: 718991
Conc: 5.76 ng/ml



#11 AR-1232-1

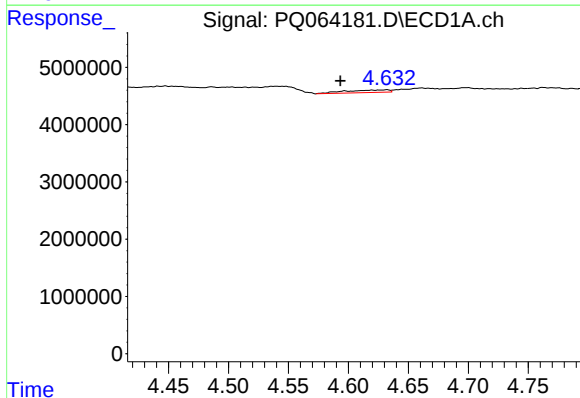
R.T.: 3.794 min
Delta R.T.: -0.019 min
Response: 1054523
Conc: 10.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



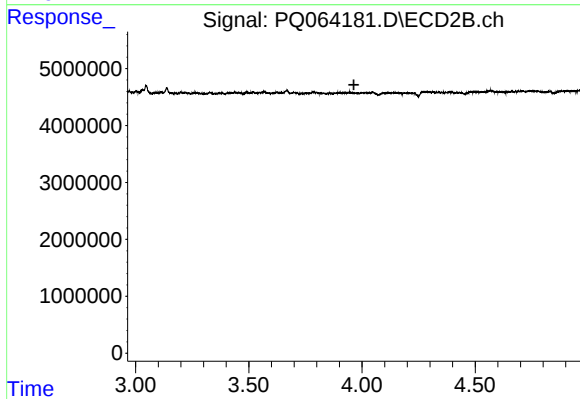
#11 AR-1232-1

R.T.: 3.137 min
Delta R.T.: 0.010 min
Response: 718991
Conc: 6.91 ng/ml



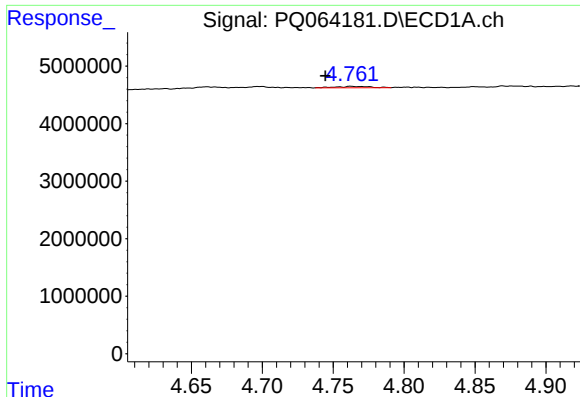
#13 AR-1232-3

R.T.: 4.632 min
Delta R.T.: 0.038 min
Response: 1106820
Conc: 11.40 ng/ml



#13 AR-1232-3

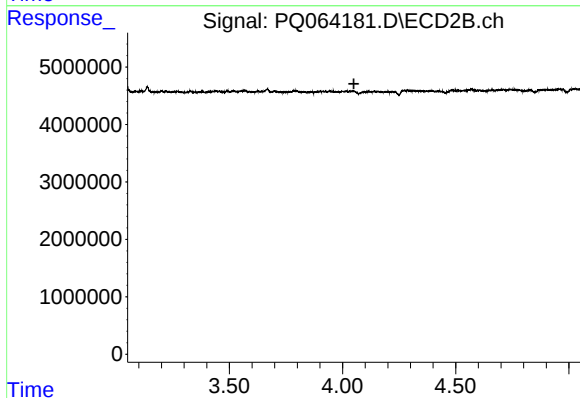
R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



#14 AR-1232-4

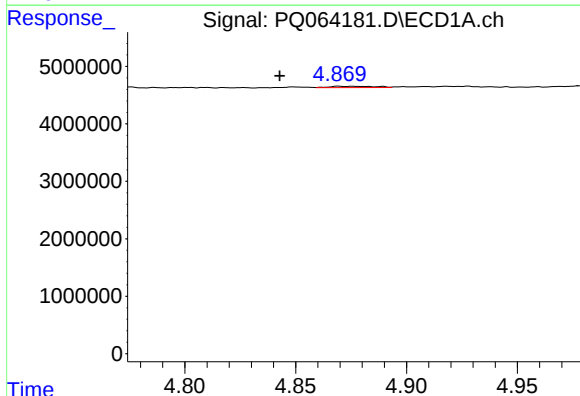
R.T.: 4.763 min
Delta R.T.: 0.018 min
Response: 429980
Conc: 8.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



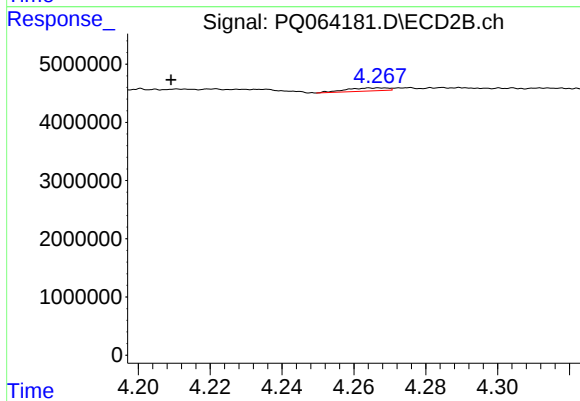
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.050 min
Response: 0
Conc: N.D.



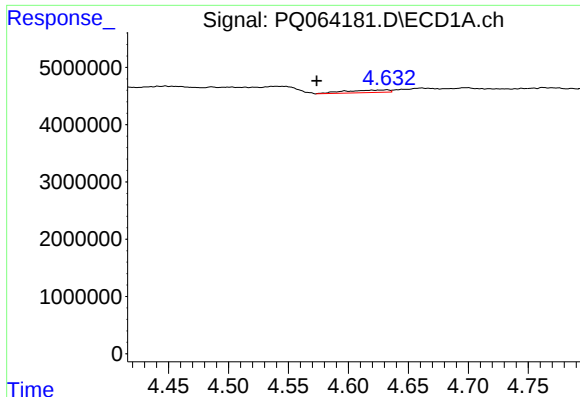
#15 AR-1232-5

R.T.: 4.869 min
Delta R.T.: 0.027 min
Response: 332335
Conc: 9.20 ng/ml



#15 AR-1232-5

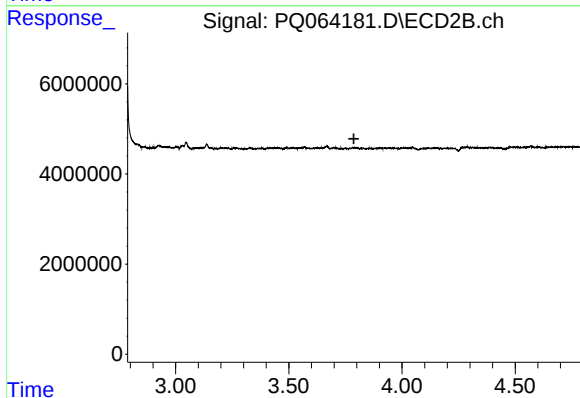
R.T.: 4.267 min
Delta R.T.: 0.058 min
Response: 421208
Conc: 9.05 ng/ml



#16 AR-1242-1

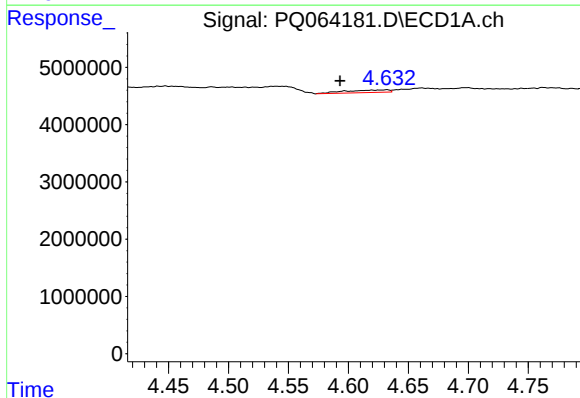
R.T.: 4.632 min
Delta R.T.: 0.058 min
Response: 1106820
Conc: 9.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



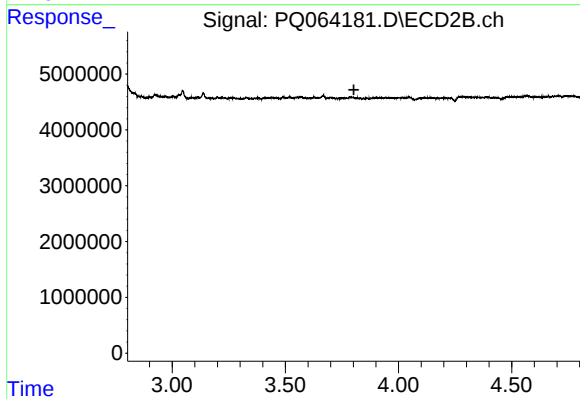
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 3.787 min
Response: 0
Conc: N.D.



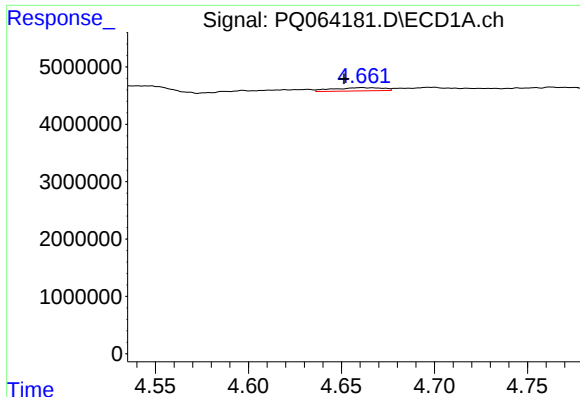
#17 AR-1242-2

R.T.: 4.632 min
Delta R.T.: 0.039 min
Response: 1106820
Conc: 6.15 ng/ml



#17 AR-1242-2

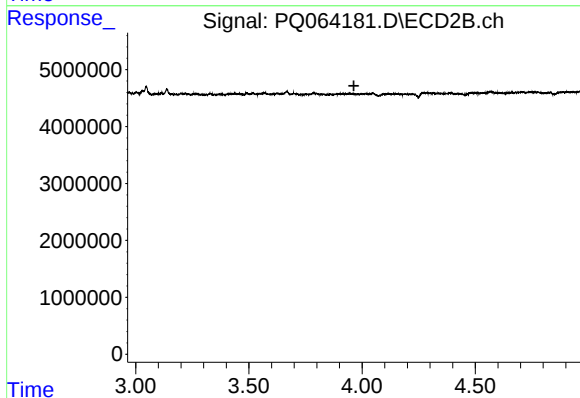
R.T.: 0.000 min
Exp R.T. : 3.803 min
Response: 0
Conc: N.D.



#18 AR-1242-3

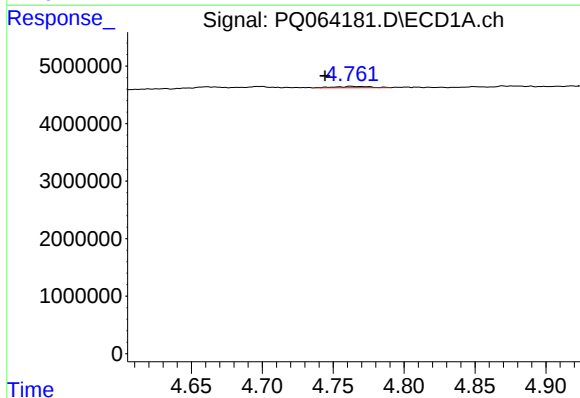
R.T.: 4.661 min
Delta R.T.: 0.010 min
Response: 1074076
Conc: 9.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



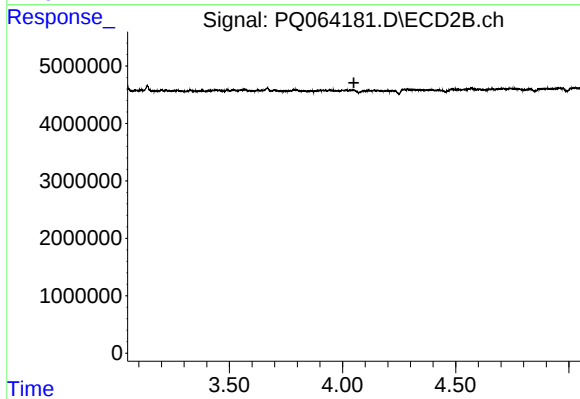
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



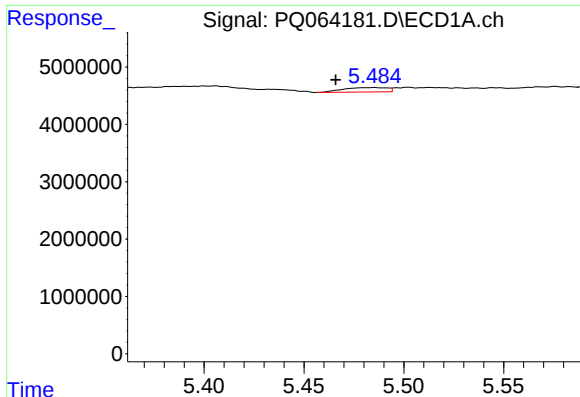
#19 AR-1242-4

R.T.: 4.763 min
Delta R.T.: 0.018 min
Response: 429980
Conc: 4.67 ng/ml



#19 AR-1242-4

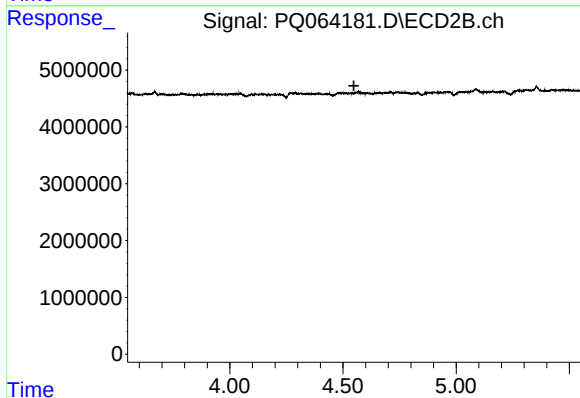
R.T.: 0.000 min
Exp R.T. : 4.050 min
Response: 0
Conc: N.D.



#20 AR-1242-5

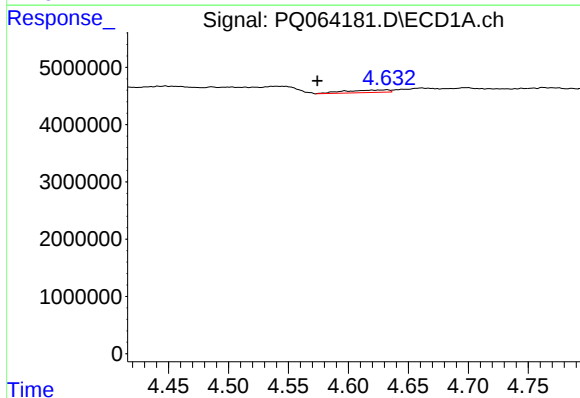
R.T.: 5.485 min
Delta R.T.: 0.019 min
Response: 1209587
Conc: 12.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



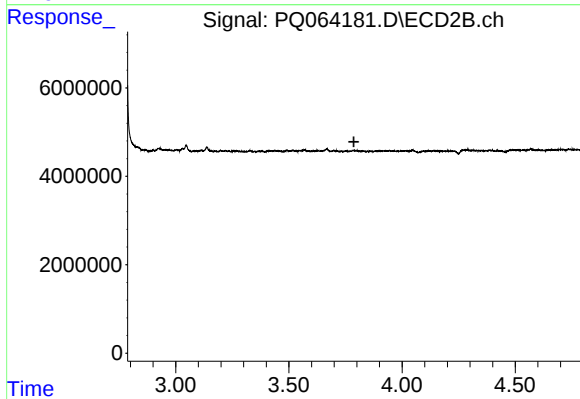
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 4.548 min
Response: 0
Conc: N.D.



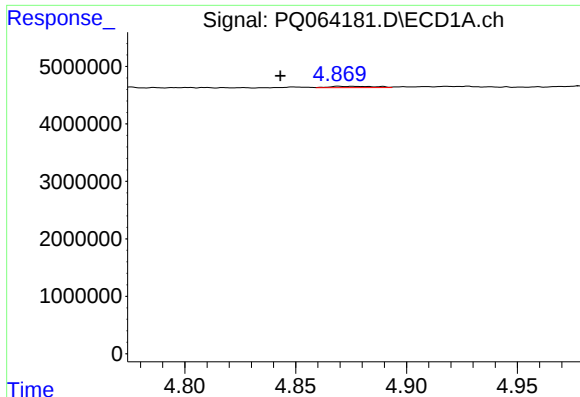
#21 AR-1248-1

R.T.: 4.632 min
Delta R.T.: 0.058 min
Response: 1106820
Conc: 11.93 ng/ml



#21 AR-1248-1

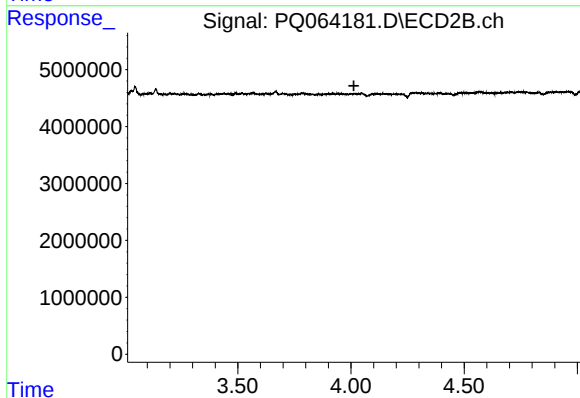
R.T.: 0.000 min
Exp R.T. : 3.787 min
Response: 0
Conc: N.D.



#22 AR-1248-2

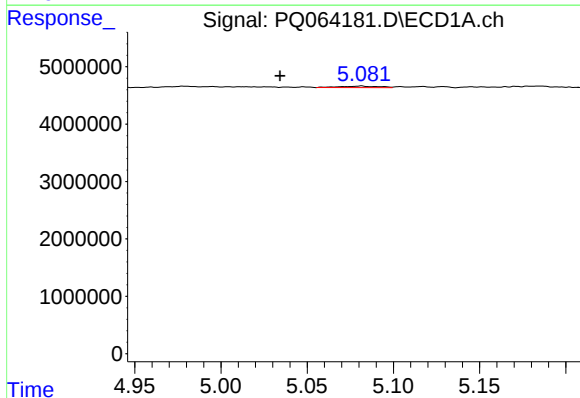
R.T.: 4.869 min
Delta R.T.: 0.026 min
Response: 332335
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



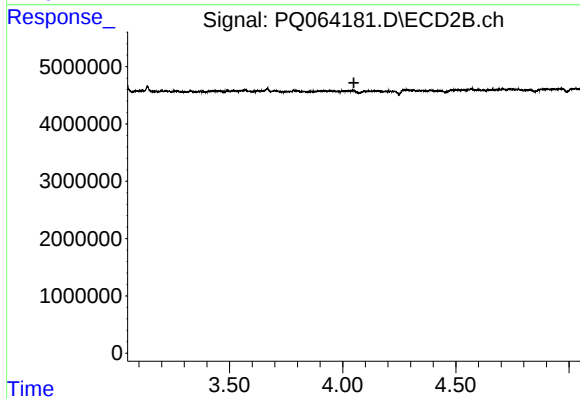
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.013 min
Response: 0
Conc: N.D.



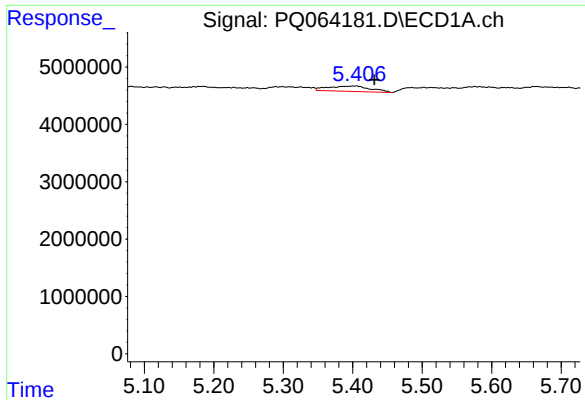
#23 AR-1248-3

R.T.: 5.082 min
Delta R.T.: 0.047 min
Response: 412993
Conc: 2.63 ng/ml



#23 AR-1248-3

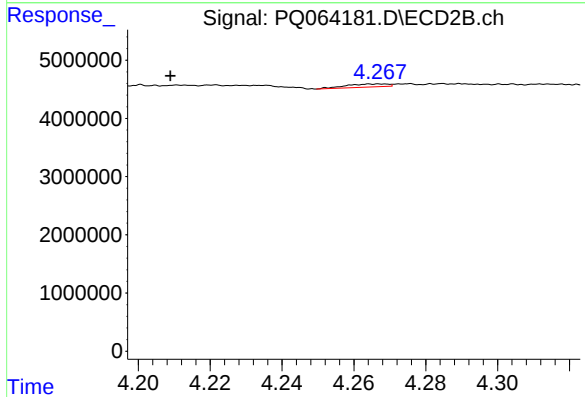
R.T.: 0.000 min
Exp R.T. : 4.049 min
Response: 0
Conc: N.D.



#24 AR-1248-4

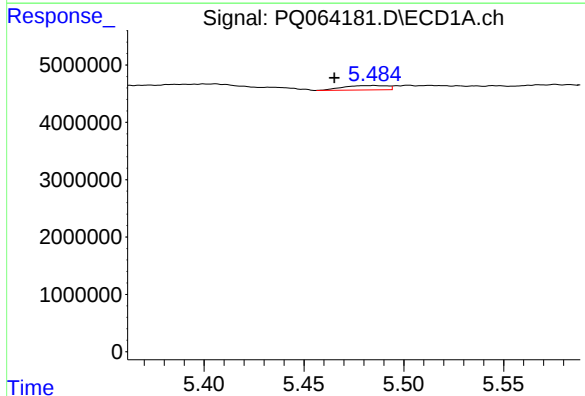
R.T.: 5.405 min
Delta R.T.: -0.026 min
Response: 3951992
Conc: 23.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



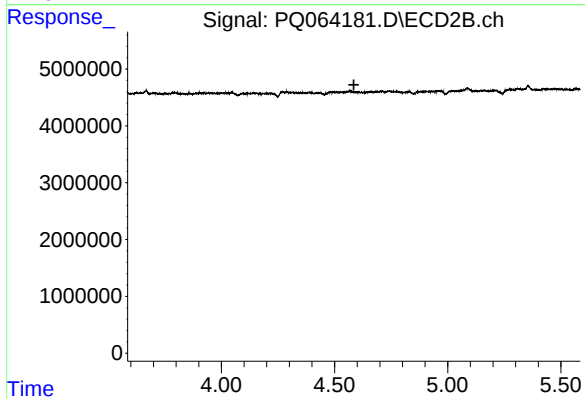
#24 AR-1248-4

R.T.: 4.267 min
Delta R.T.: 0.058 min
Response: 421208
Conc: 2.78 ng/ml



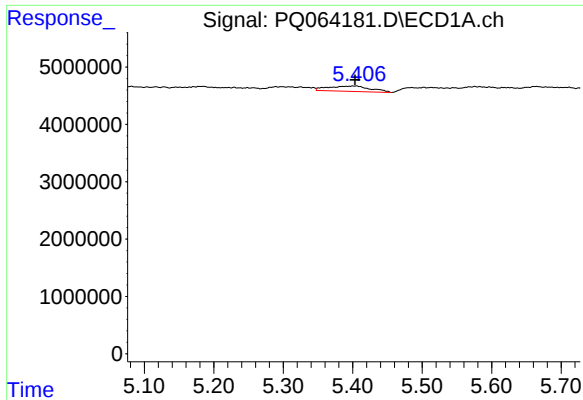
#25 AR-1248-5

R.T.: 5.485 min
Delta R.T.: 0.020 min
Response: 1209587
Conc: 7.21 ng/ml



#25 AR-1248-5

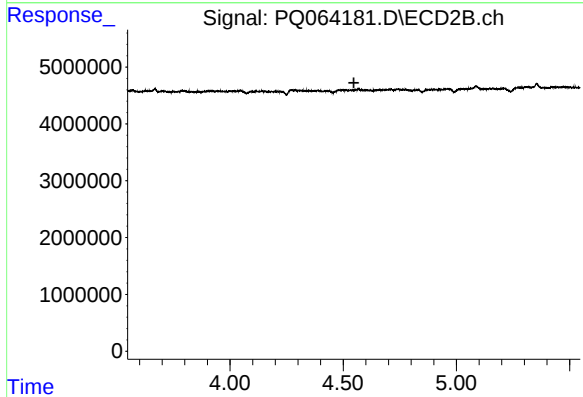
R.T.: 0.000 min
Exp R.T.: 4.585 min
Response: 0
Conc: N.D.



#26 AR-1254-1

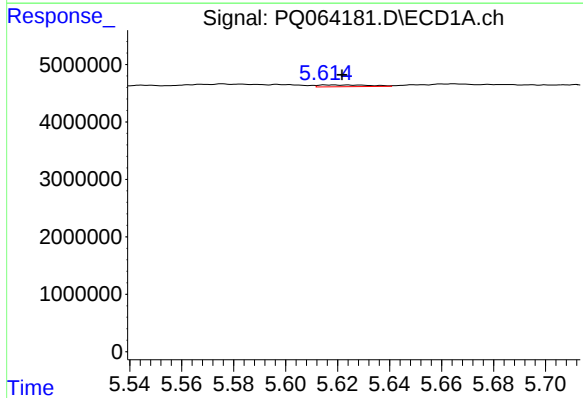
R.T.: 5.405 min
Delta R.T.: 0.002 min
Response: 3951992
Conc: 22.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



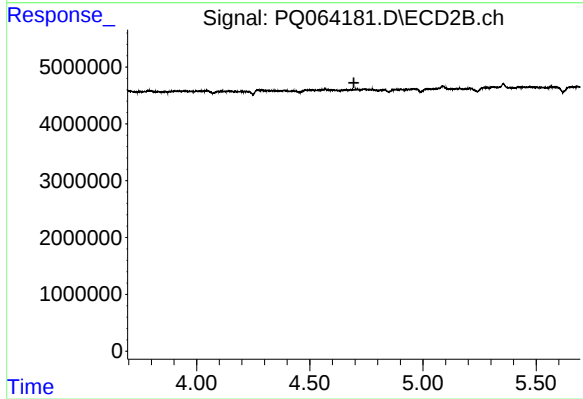
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 4.547 min
Response: 0
Conc: N.D.



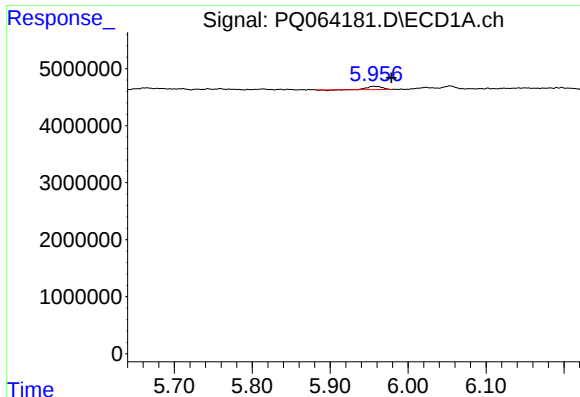
#27 AR-1254-2

R.T.: 5.624 min
Delta R.T.: 0.002 min
Response: 414411
Conc: 1.54 ng/ml



#27 AR-1254-2

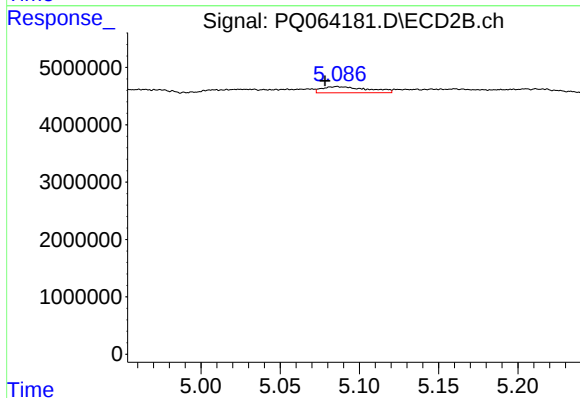
R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



#28 AR-1254-3

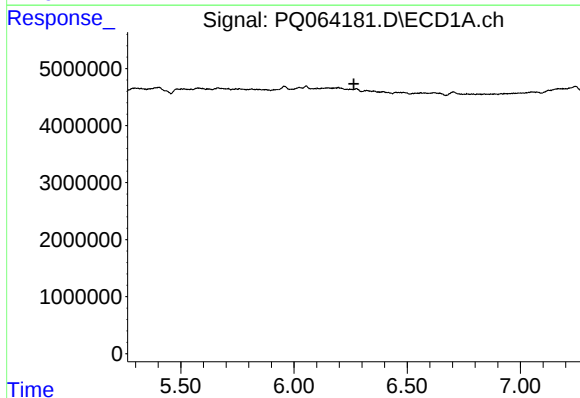
R.T.: 5.956 min
Delta R.T.: -0.022 min
Response: 753635
Conc: 2.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



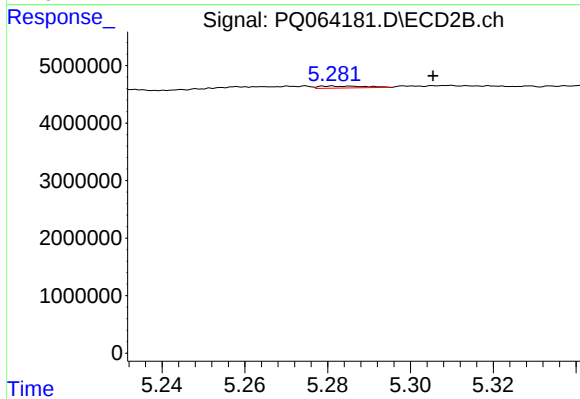
#28 AR-1254-3

R.T.: 5.086 min
Delta R.T.: 0.008 min
Response: 2195805
Conc: 7.39 ng/ml



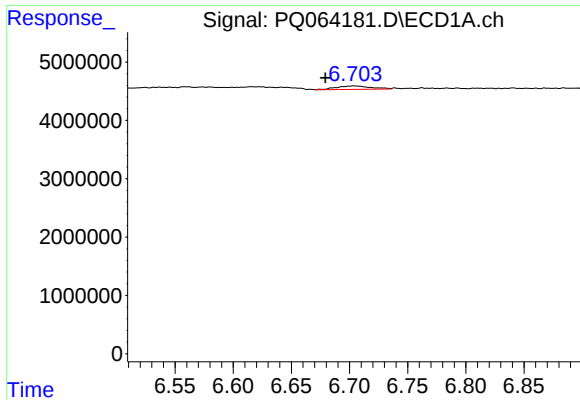
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.265 min
Response: 0
Conc: N.D.



#29 AR-1254-4

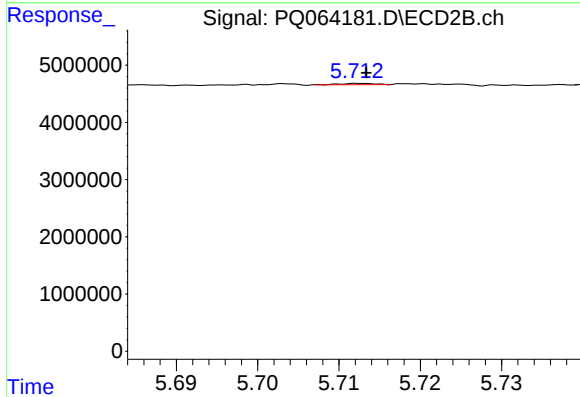
R.T.: 5.281 min
Delta R.T.: -0.024 min
Response: 254632
Conc: 1.35 ng/ml



#30 AR-1254-5

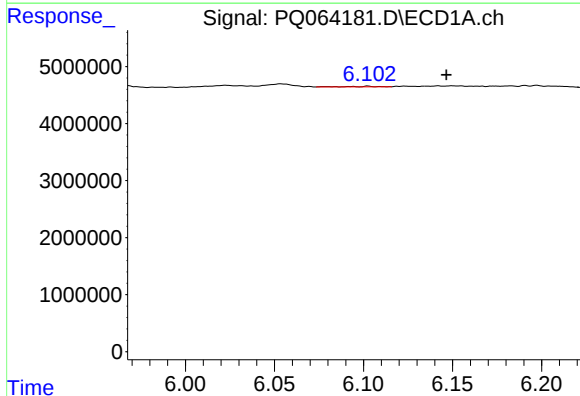
R.T.: 6.704 min
Delta R.T.: 0.024 min
Response: 1227284
Conc: 5.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



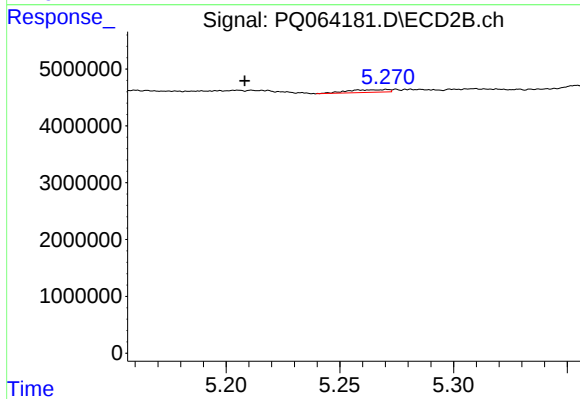
#30 AR-1254-5

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 67287
Conc: 0.25 ng/ml



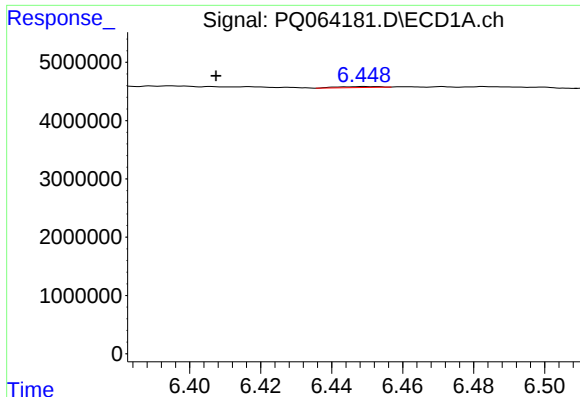
#31 AR-1260-1

R.T.: 6.103 min
Delta R.T.: -0.044 min
Response: 103205
Conc: 0.47 ng/ml



#31 AR-1260-1

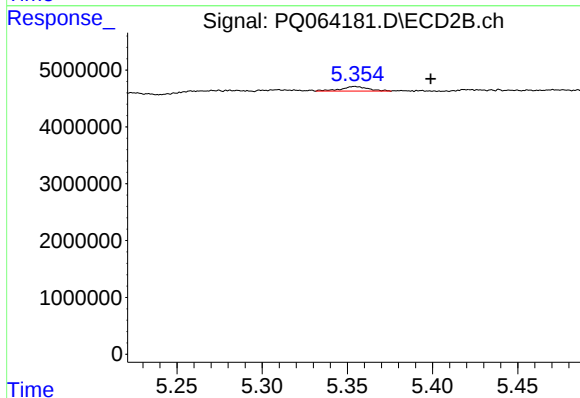
R.T.: 5.271 min
Delta R.T.: 0.063 min
Response: 586587
Conc: 2.79 ng/ml



#32 AR-1260-2

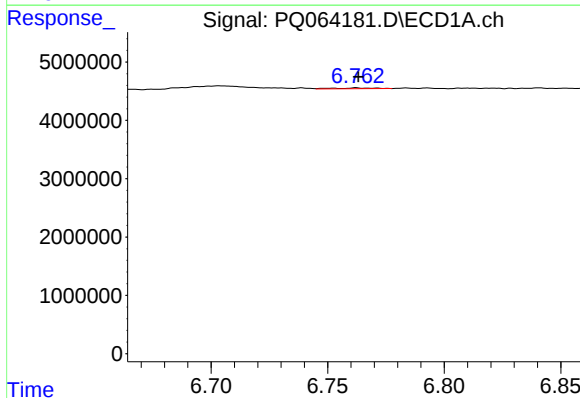
R.T.: 6.449 min
Delta R.T.: 0.042 min
Response: 141085
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



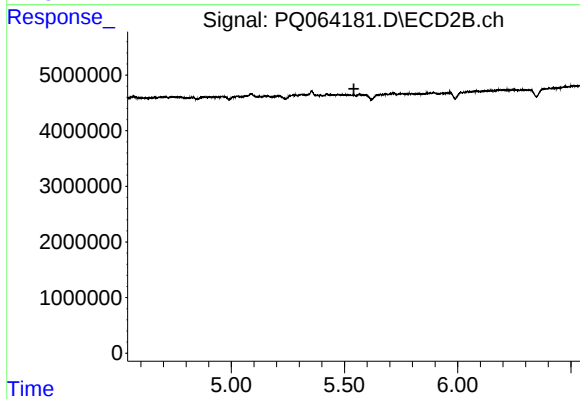
#32 AR-1260-2

R.T.: 5.354 min
Delta R.T.: -0.045 min
Response: 897607
Conc: 3.60 ng/ml



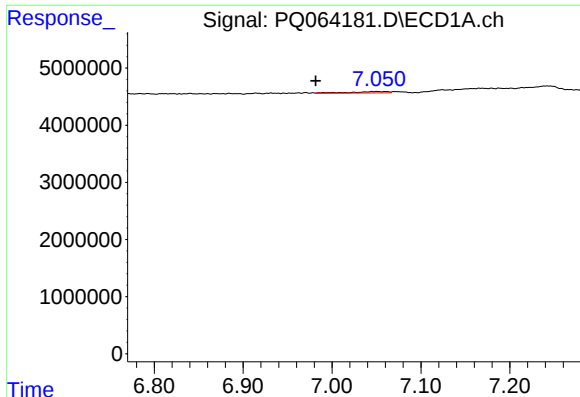
#33 AR-1260-3

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 162175
Conc: 0.85 ng/ml



#33 AR-1260-3

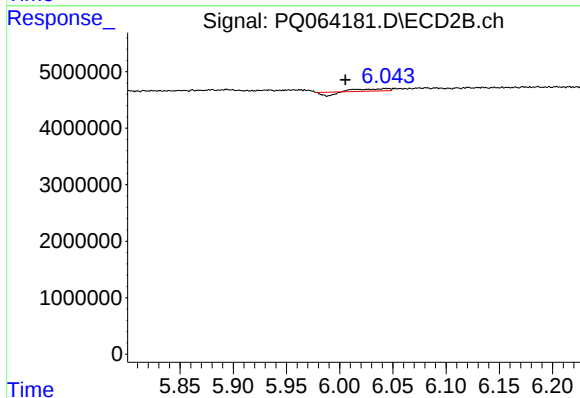
R.T.: 0.000 min
Exp R.T. : 5.541 min
Response: 0
Conc: N.D.



#34 AR-1260-4

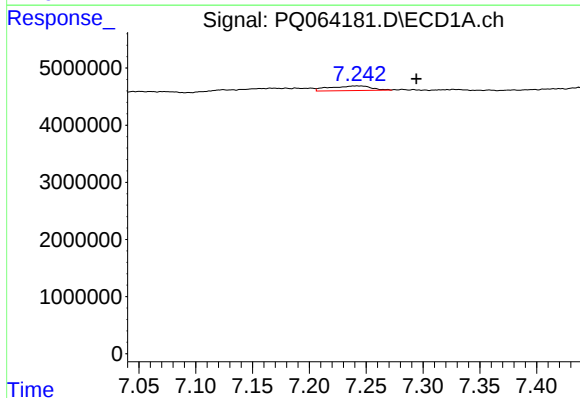
R.T.: 7.045 min
Delta R.T.: 0.063 min
Response: 760235
Conc: 3.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



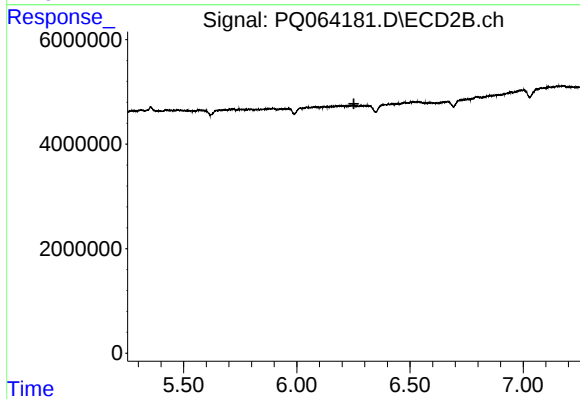
#34 AR-1260-4

R.T.: 6.043 min
Delta R.T.: 0.038 min
Response: 396080
Conc: 1.96 ng/ml



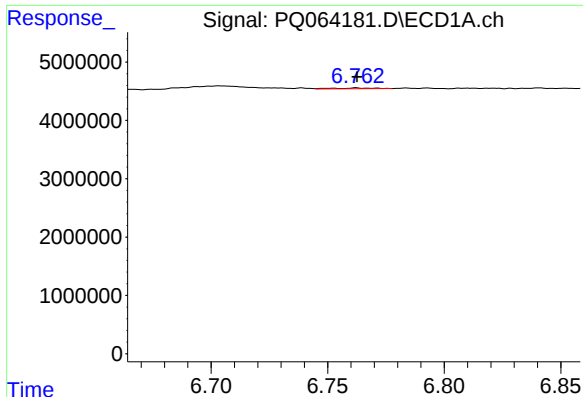
#35 AR-1260-5

R.T.: 7.242 min
Delta R.T.: -0.052 min
Response: 2054302
Conc: 5.08 ng/ml



#35 AR-1260-5

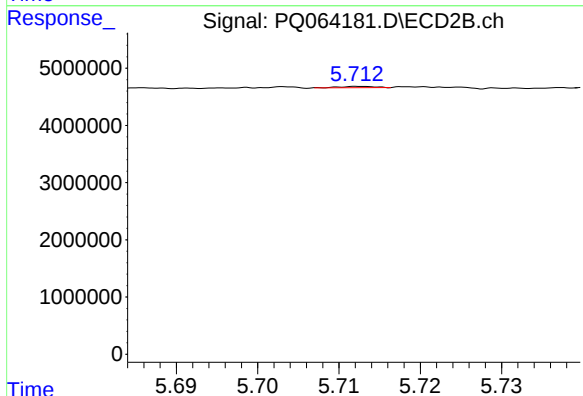
R.T.: 0.000 min
Exp R.T.: 6.252 min
Response: 0
Conc: N.D.



#36 AR-1262-1

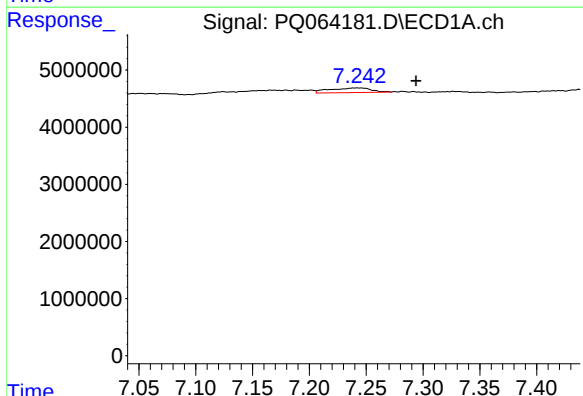
R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 162175
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



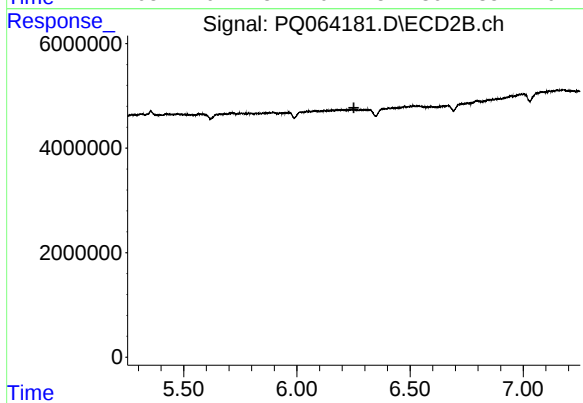
#36 AR-1262-1

R.T.: 5.713 min
Delta R.T.: -0.044 min
Response: 67287
Conc: 0.23 ng/ml



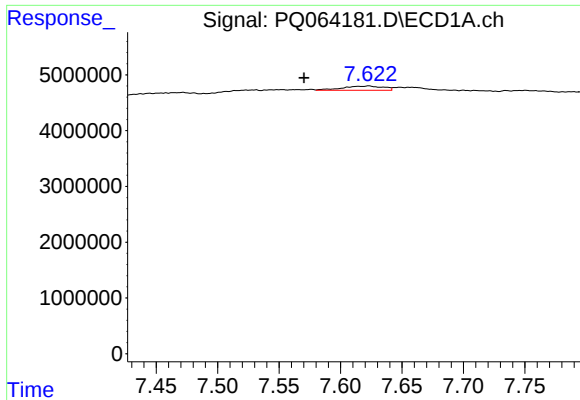
#37 AR-1262-2

R.T.: 7.242 min
Delta R.T.: -0.052 min
Response: 2054302
Conc: 4.47 ng/ml



#37 AR-1262-2

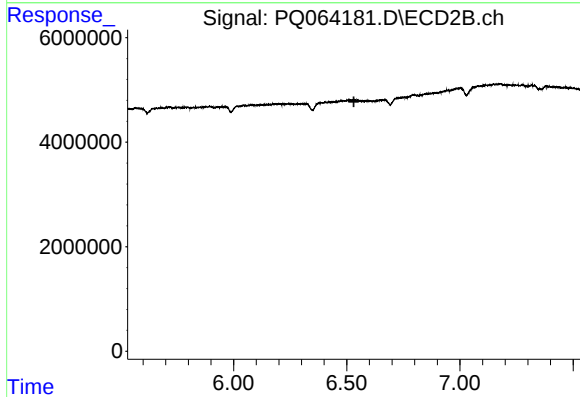
R.T.: 0.000 min
Exp R.T.: 6.252 min
Response: 0
Conc: N.D.



#38 AR-1262-3

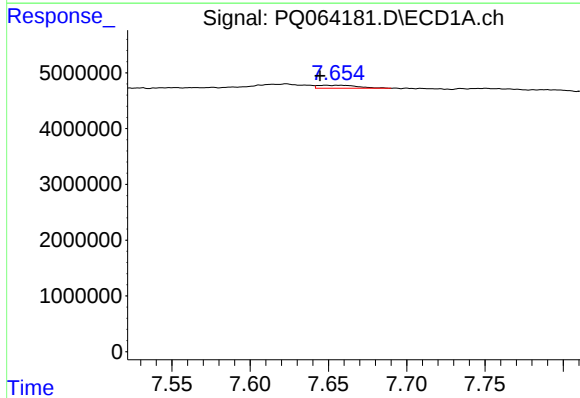
R.T.: 7.623 min
Delta R.T.: 0.053 min
Response: 1766421
Conc: 5.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



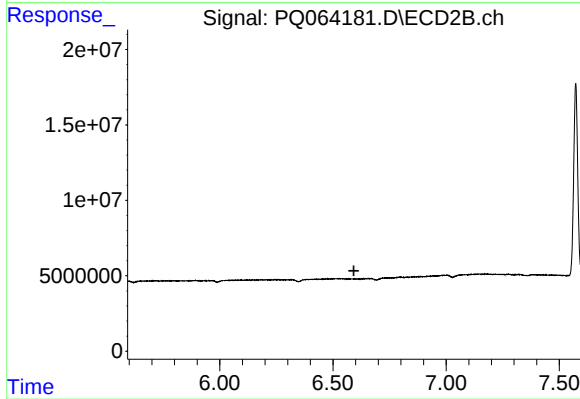
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 6.532 min
Response: 0
Conc: N.D.



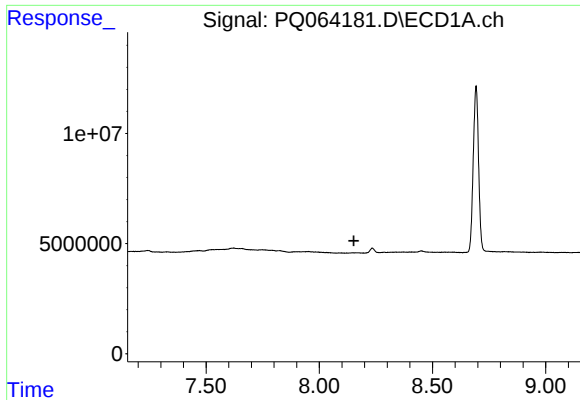
#39 AR-1262-4

R.T.: 7.648 min
Delta R.T.: 0.004 min
Response: 956392
Conc: 4.01 ng/ml



#39 AR-1262-4

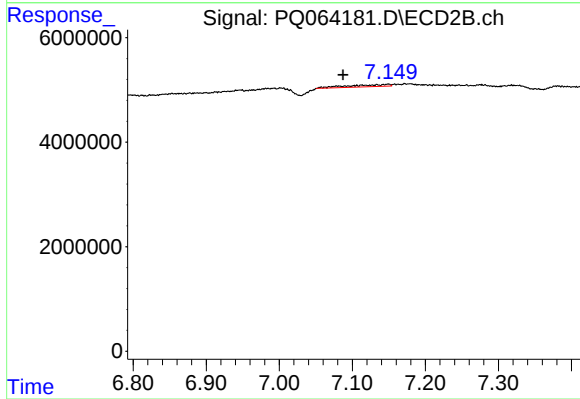
R.T.: 0.000 min
Exp R.T. : 6.593 min
Response: 0
Conc: N.D.



#40 AR-1262-5

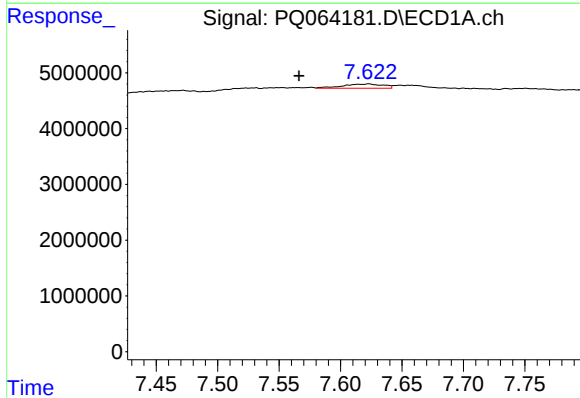
R.T.: 0.000 min
Exp R.T.: 8.153 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



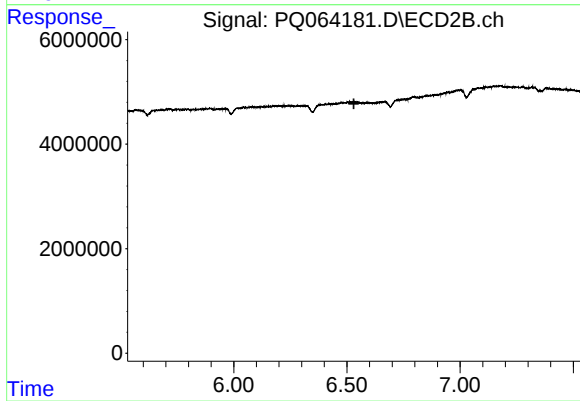
#40 AR-1262-5

R.T.: 7.149 min
Delta R.T.: 0.062 min
Response: 1555683
Conc: 7.77 ng/ml



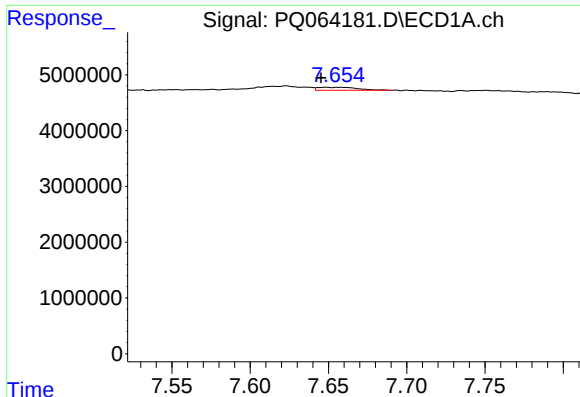
#41 AR-1268-1

R.T.: 7.623 min
Delta R.T.: 0.057 min
Response: 1766421
Conc: 3.30 ng/ml



#41 AR-1268-1

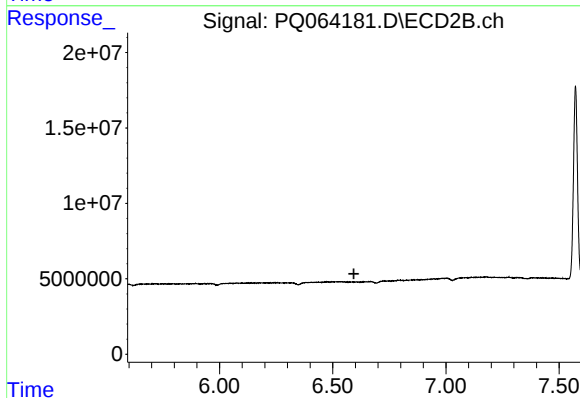
R.T.: 0.000 min
Exp R.T.: 6.531 min
Response: 0
Conc: N.D.



#42 AR-1268-2

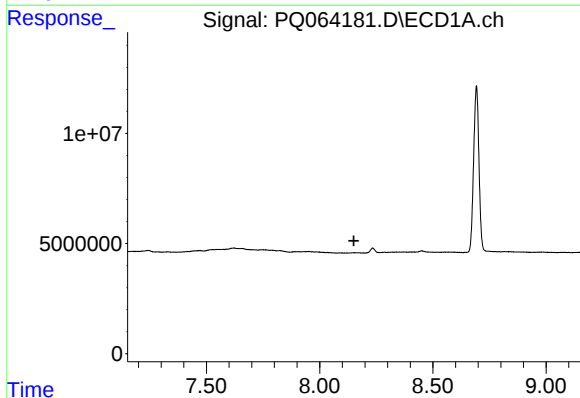
R.T.: 7.648 min
Delta R.T.: 0.003 min
Response: 956392
Conc: 1.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



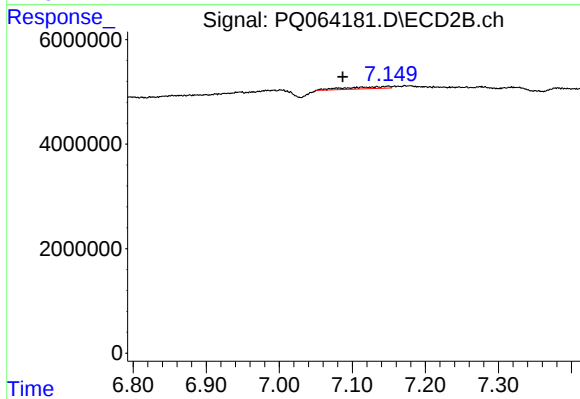
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 6.594 min
Response: 0
Conc: N.D.



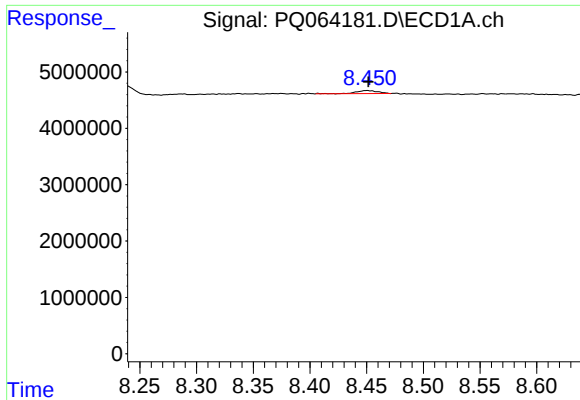
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.151 min
Response: 0
Conc: N.D.



#44 AR-1268-4

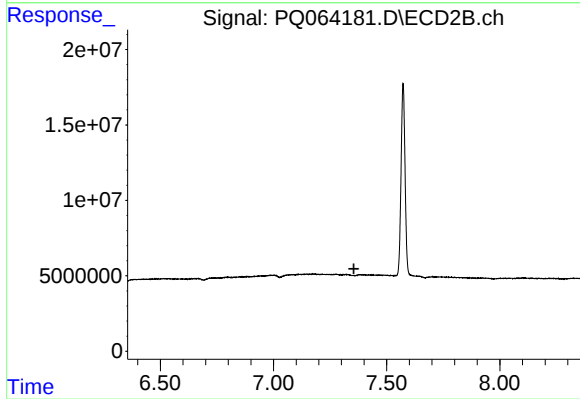
R.T.: 7.149 min
Delta R.T.: 0.062 min
Response: 1555683
Conc: 7.32 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 712260
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.355 min
Response: 0
Conc: N.D.