

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081123\
 Data File : PQ063014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 09:17
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:12:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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...	3.486f	2.783	274739	48663	0.051	0.012 #
2)	SA Decachlor...	8.691	7.578	356289	122211	0.092	0.028 #
Target Compounds							
3)	L1 AR-1016-1	4.575	3.809	584471	86869	3.004	0.545 #
4)	L1 AR-1016-2	4.575	3.809	584471	86869	2.106	0.407 #
5)	L1 AR-1016-3	4.644	3.972	806852	1651930	4.718	13.817 #
6)	L1 AR-1016-4	4.748	4.021	224655	1054483	1.596	10.868 #
7)	L1 AR-1016-5	5.025	4.225	2699755	1747995	19.621	13.891 #
8)	L2 AR-1221-1	3.662	2.987	521333	65784	7.661	1.199 #
9)	L2 AR-1221-2	3.738	3.077	122771	39104	2.573	1.037 #
10)	L2 AR-1221-3	3.805	3.144	207533	786008	1.345	6.532 #
11)	L3 AR-1232-1	3.805	3.144	207533	786008	1.606	8.067 #
12)	L3 AR-1232-2	4.302	3.809	106606	86869	1.529	0.893 #
13)	L3 AR-1232-3	4.575	3.972	584471	1651930	4.783	31.111 #
14)	L3 AR-1232-4	4.748	4.056	224655	1773949	3.723	38.650 #
15)	L3 AR-1232-5	4.829	4.225	923517	1747995	21.159	32.237 #
16)	L4 AR-1242-1	4.575	3.809	584471	86869	3.463	0.602 #
17)	L4 AR-1242-2	4.575	3.809	584471	86869	2.424	0.457 #
18)	L4 AR-1242-3	4.644	3.972	806852	1651930	5.508	15.306 #
19)	L4 AR-1242-4	4.748	4.056	224655	1773949	1.816	17.806 #
20)	L4 AR-1242-5	5.473	4.555	6775427	1812299	51.268	13.404 #
21)	L5 AR-1248-1	4.575	3.786	584471	335098	4.390	3.000 #
22)	L5 AR-1248-2	4.829	4.021	923517	1054483	5.285	6.677 #
23)	L5 AR-1248-3	5.025	4.056	2699755	1773949	12.766	11.632
24)	L5 AR-1248-4	5.395f	4.218	20673474	1151237	86.768	6.054 #
25)	L5 AR-1248-5	5.473	4.609	6775427	4520961	29.156	23.375
26)	L6 AR-1254-1	5.395	4.555	20673474	1812299	94.397	6.754 #
27)	L6 AR-1254-2	5.616	4.705	1754721	1911233	5.182	8.143 #
28)	L6 AR-1254-3	5.951	5.106	3070270	4228952	8.564	11.183 #
29)	L6 AR-1254-4	6.258	5.319	3519838	459129	12.991	1.879 #
30)	L6 AR-1254-5	6.668	5.730	698726	269421	2.528	0.781 #
31)	L7 AR-1260-1	6.135	5.226	3095521	1280239	12.109	5.130 #
32)	L7 AR-1260-2	0.000	5.423	0	295073	N.D.	0.958 #
33)	L7 AR-1260-3	6.754	5.552	235271	516501	1.116	1.667 #
34)	L7 AR-1260-4	0.000	6.030	0	787334	N.D.	3.211 #
35)	L7 AR-1260-5	7.271	6.255	939461	931551	2.002	1.705
36)	L8 AR-1262-1	6.754	5.801	235271	267067	0.729	1.870 #
37)	L8 AR-1262-2	7.271	6.030	939461	787334	1.731	2.519 #
39)	L8 AR-1262-4	7.654	0.000	1121957	0	4.003	N.D. #
40)	L8 AR-1262-5	8.095f	7.109	149629	43747	0.796	0.199 #
42)	L9 AR-1268-2	7.654	0.000	1121957	0	1.871	N.D. #
43)	L9 AR-1268-3	7.829	6.782f	68575	1655294	0.139	2.820 #

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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
44) L9	AR-1268-4	0.000	7.109	0	43747	N.D.	0.172 #
45) L9	AR-1268-5	8.472f	7.382	70169	80320	0.046	0.045

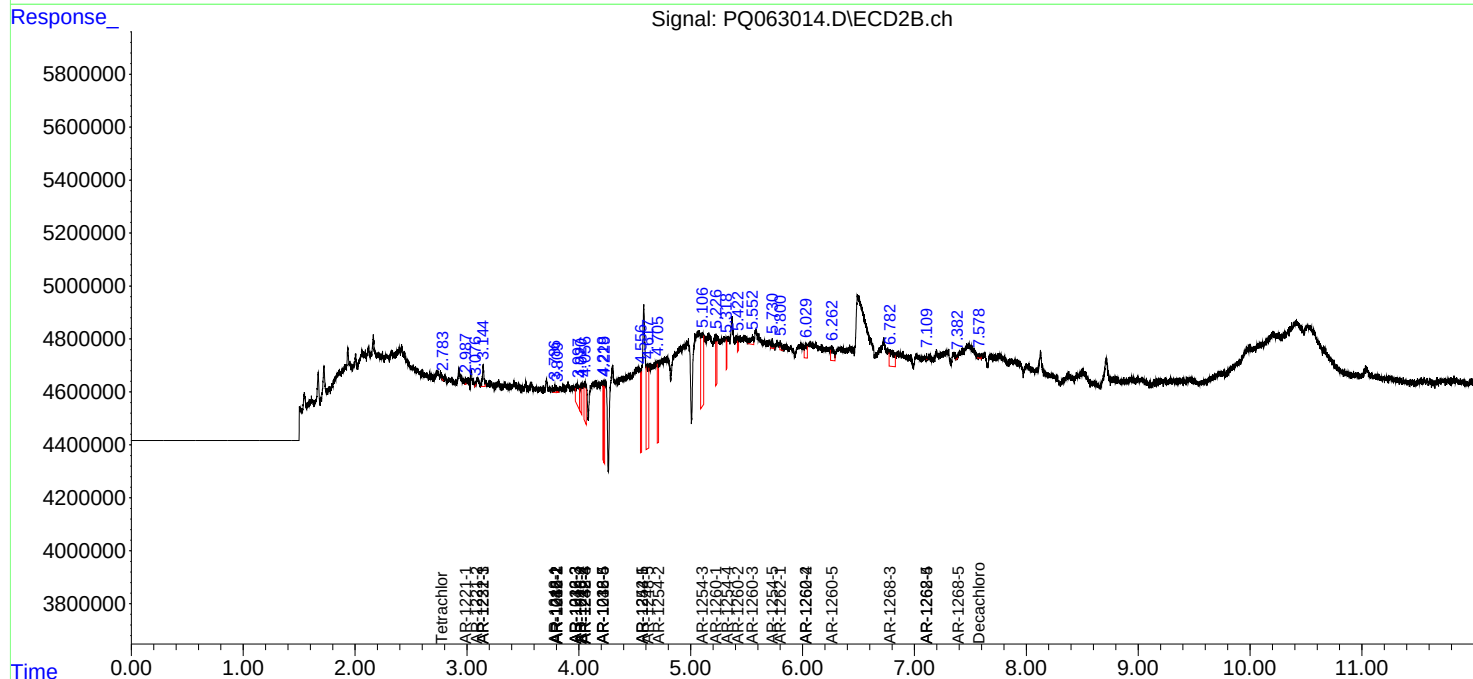
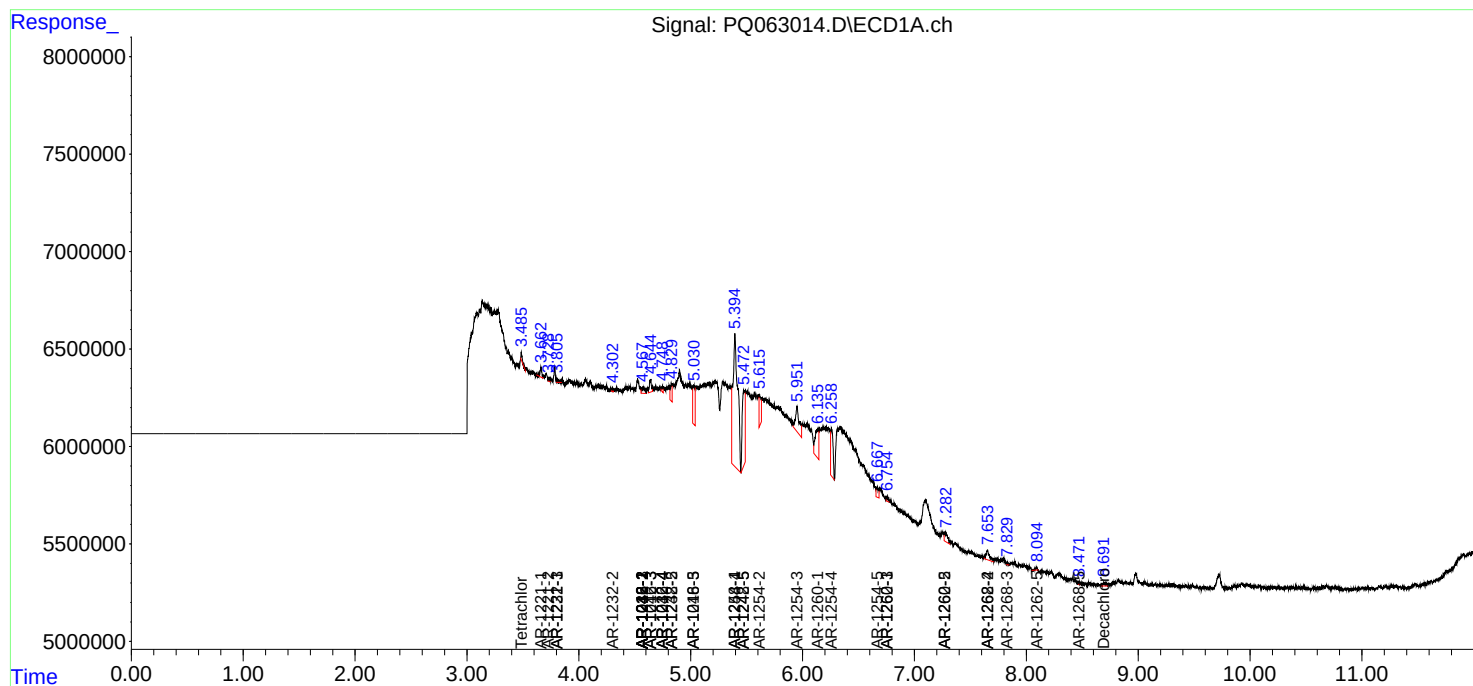
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

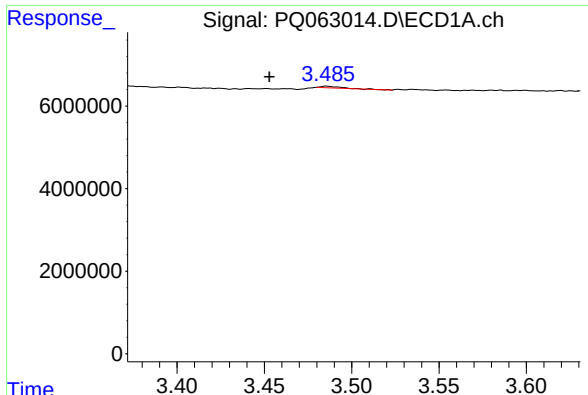
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

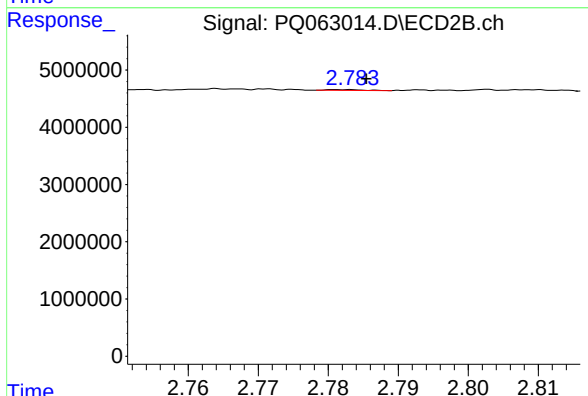




#1 Tetrachloro-m-xylene

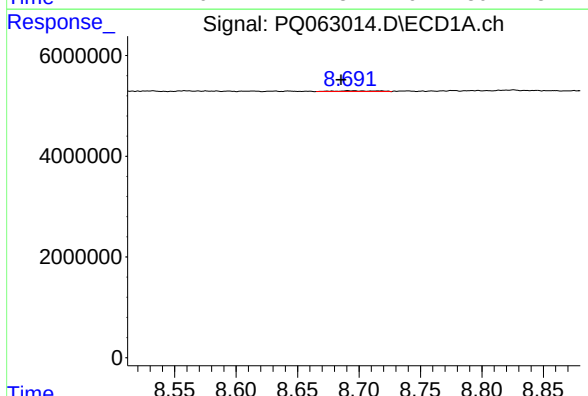
R.T.: 3.486 min
Delta R.T.: 0.033 min
Response: 274739
Conc: 0.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



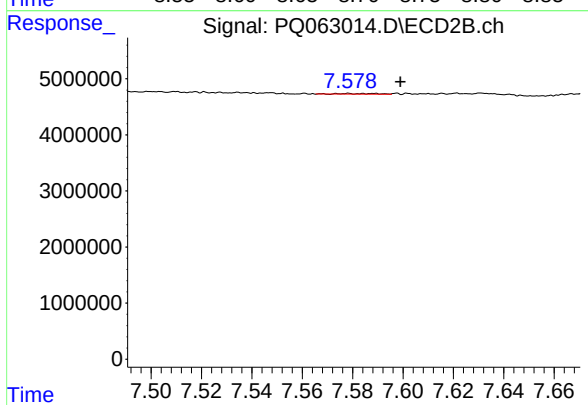
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.002 min
Response: 48663
Conc: 0.01 ng/ml



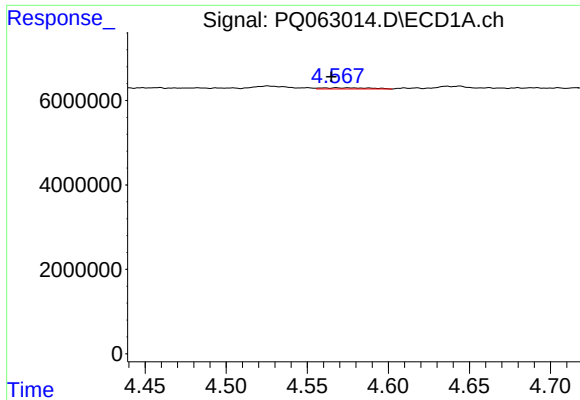
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: 0.005 min
Response: 356289
Conc: 0.09 ng/ml



#2 Decachlorobiphenyl

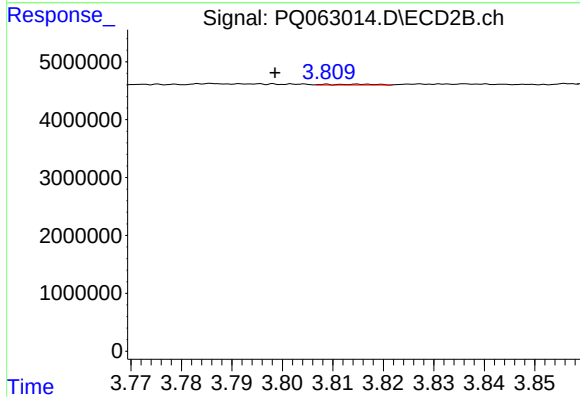
R.T.: 7.578 min
Delta R.T.: -0.021 min
Response: 122211
Conc: 0.03 ng/ml



#3 AR-1016-1

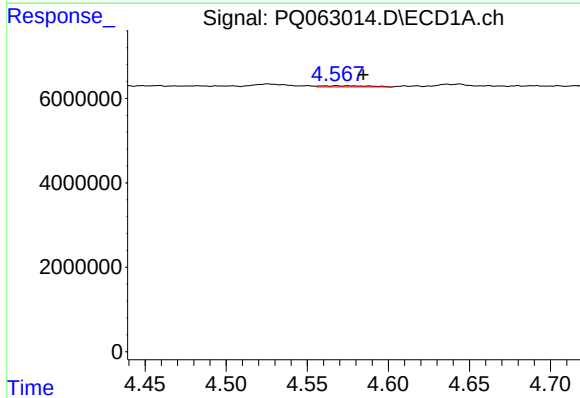
R.T.: 4.575 min
Delta R.T.: 0.010 min
Response: 584471
Conc: 3.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



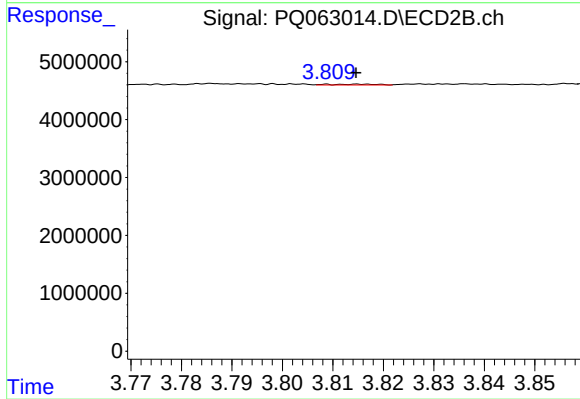
#3 AR-1016-1

R.T.: 3.809 min
Delta R.T.: 0.010 min
Response: 86869
Conc: 0.55 ng/ml



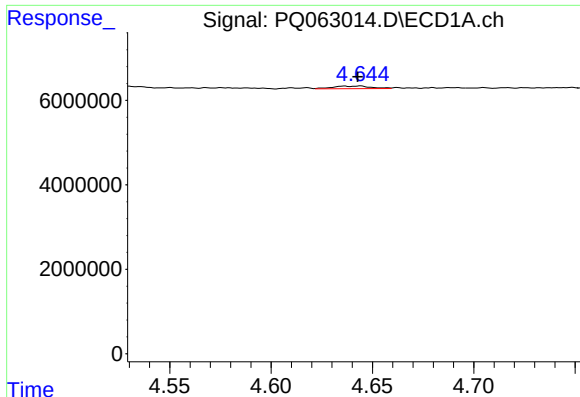
#4 AR-1016-2

R.T.: 4.575 min
Delta R.T.: -0.009 min
Response: 584471
Conc: 2.11 ng/ml



#4 AR-1016-2

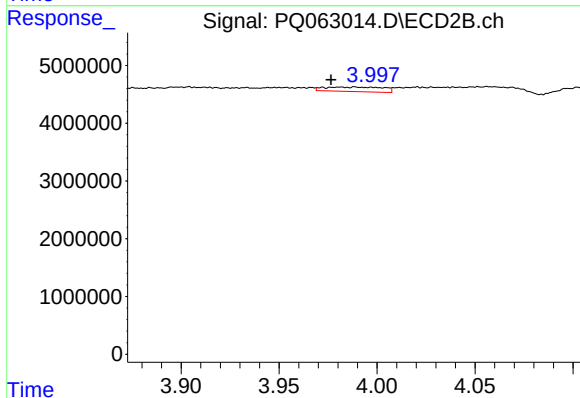
R.T.: 3.809 min
Delta R.T.: -0.006 min
Response: 86869
Conc: 0.41 ng/ml



#5 AR-1016-3

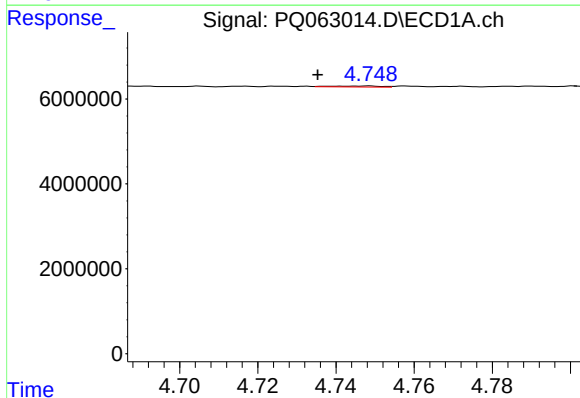
R.T.: 4.644 min
Delta R.T.: 0.001 min
Response: 806852
Conc: 4.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



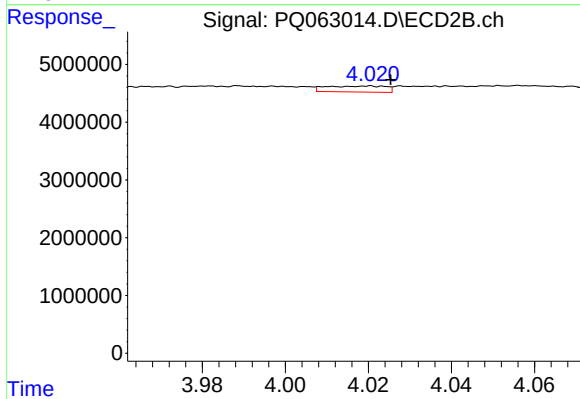
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 1651930
Conc: 13.82 ng/ml



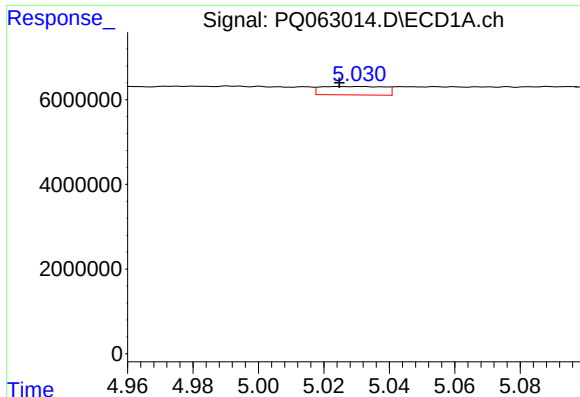
#6 AR-1016-4

R.T.: 4.748 min
Delta R.T.: 0.013 min
Response: 224655
Conc: 1.60 ng/ml



#6 AR-1016-4

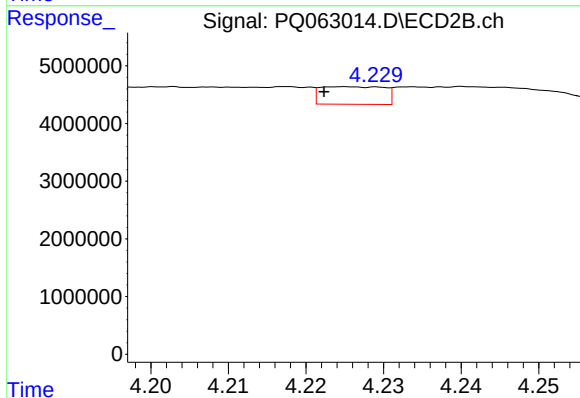
R.T.: 4.021 min
Delta R.T.: -0.005 min
Response: 1054483
Conc: 10.87 ng/ml



#7 AR-1016-5

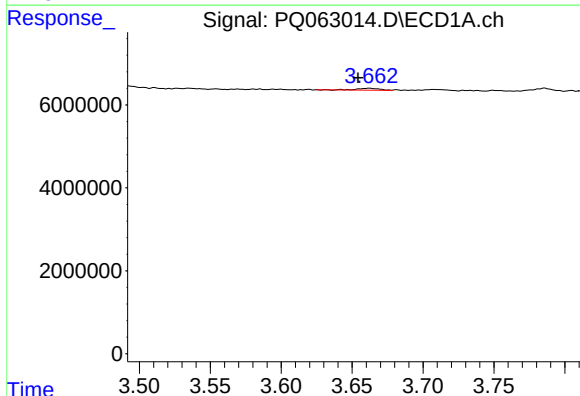
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 2699755
Conc: 19.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



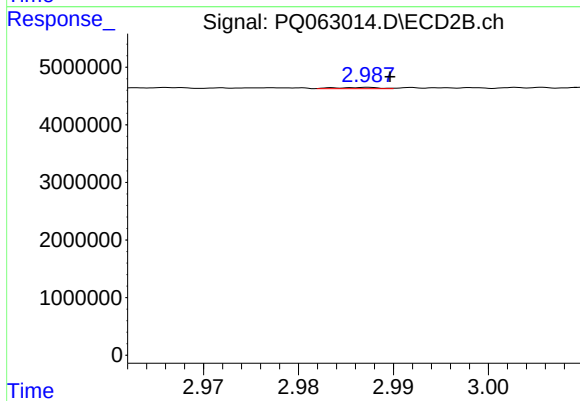
#7 AR-1016-5

R.T.: 4.225 min
Delta R.T.: 0.003 min
Response: 1747995
Conc: 13.89 ng/ml



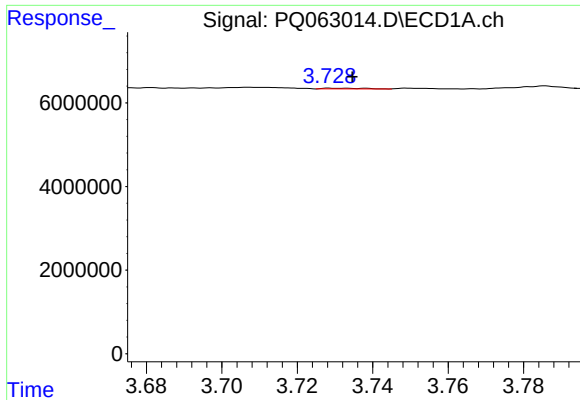
#8 AR-1221-1

R.T.: 3.662 min
Delta R.T.: 0.008 min
Response: 521333
Conc: 7.66 ng/ml



#8 AR-1221-1

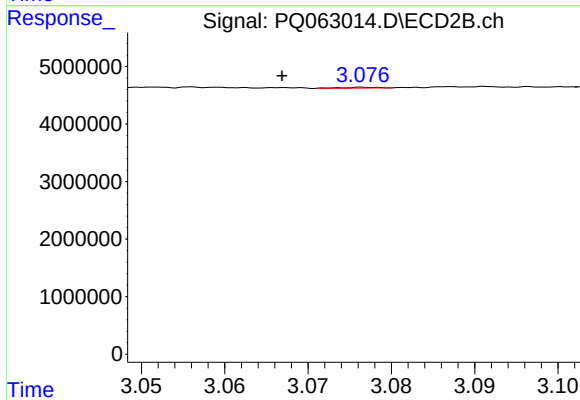
R.T.: 2.987 min
Delta R.T.: -0.002 min
Response: 65784
Conc: 1.20 ng/ml



#9 AR-1221-2

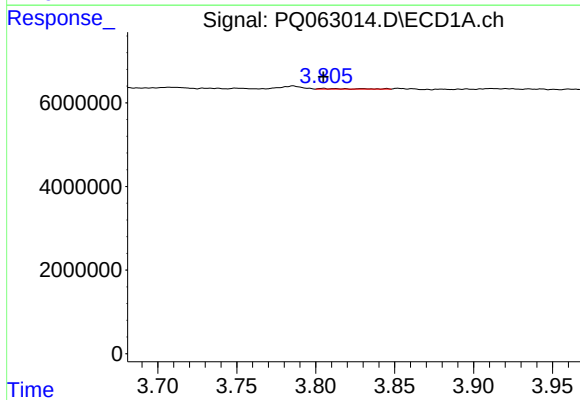
R.T.: 3.738 min
Delta R.T.: 0.003 min
Response: 122771
Conc: 2.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



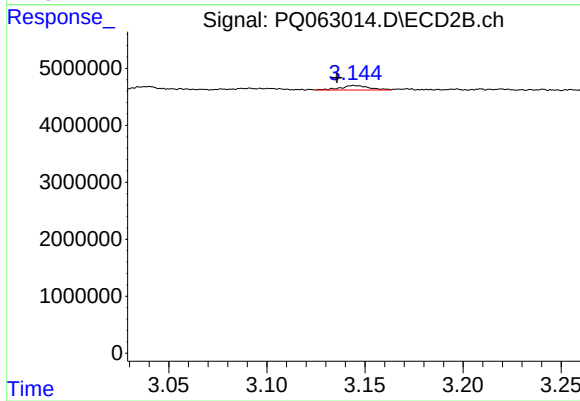
#9 AR-1221-2

R.T.: 3.077 min
Delta R.T.: 0.010 min
Response: 39104
Conc: 1.04 ng/ml



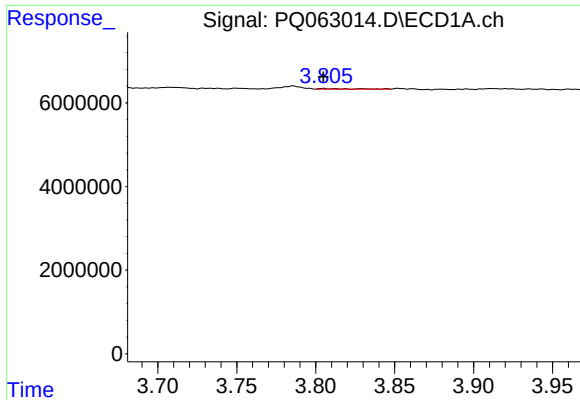
#10 AR-1221-3

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 207533
Conc: 1.34 ng/ml



#10 AR-1221-3

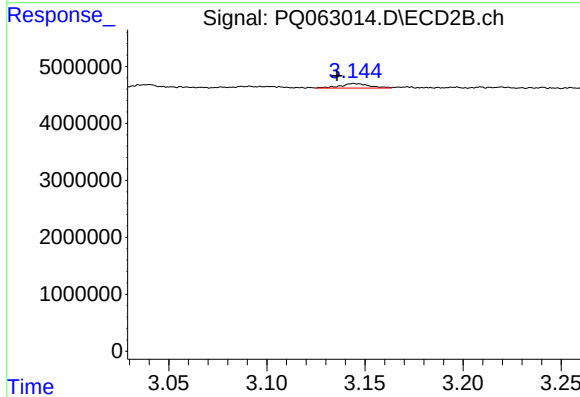
R.T.: 3.144 min
Delta R.T.: 0.009 min
Response: 786008
Conc: 6.53 ng/ml



#11 AR-1232-1

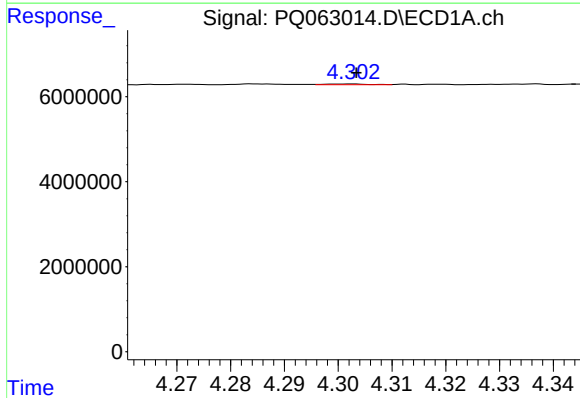
R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 207533
Conc: 1.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



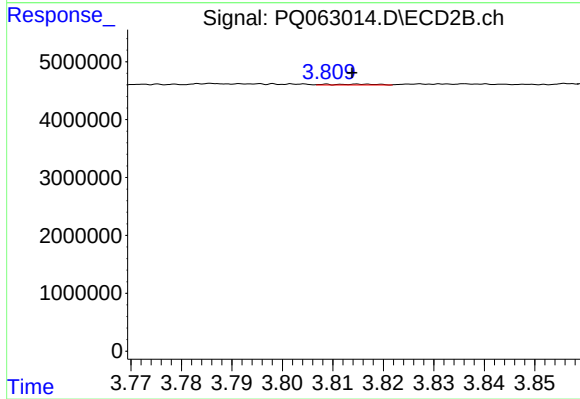
#11 AR-1232-1

R.T.: 3.144 min
Delta R.T.: 0.009 min
Response: 786008
Conc: 8.07 ng/ml



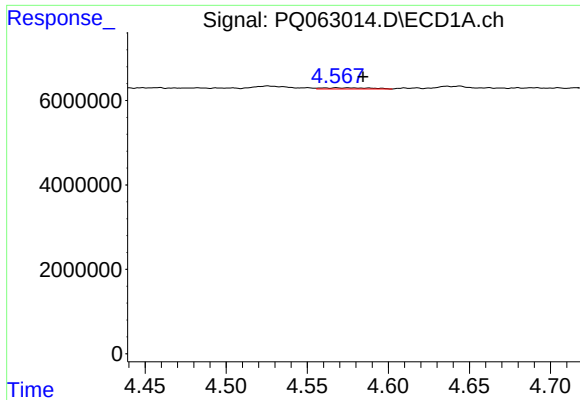
#12 AR-1232-2

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 106606
Conc: 1.53 ng/ml



#12 AR-1232-2

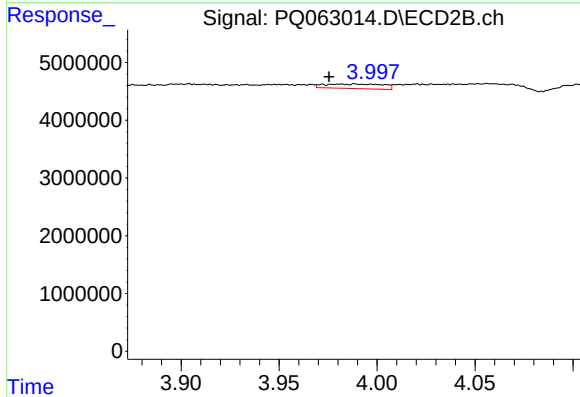
R.T.: 3.809 min
Delta R.T.: -0.005 min
Response: 86869
Conc: 0.89 ng/ml



#13 AR-1232-3

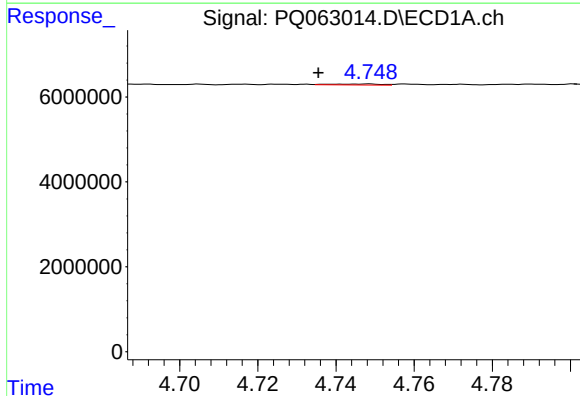
R.T.: 4.575 min
Delta R.T.: -0.009 min
Response: 584471
Conc: 4.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



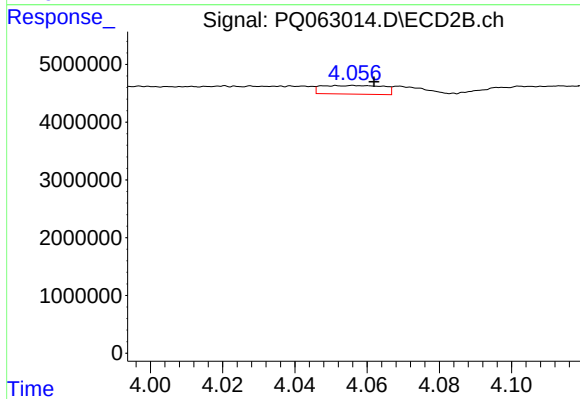
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 1651930
Conc: 31.11 ng/ml



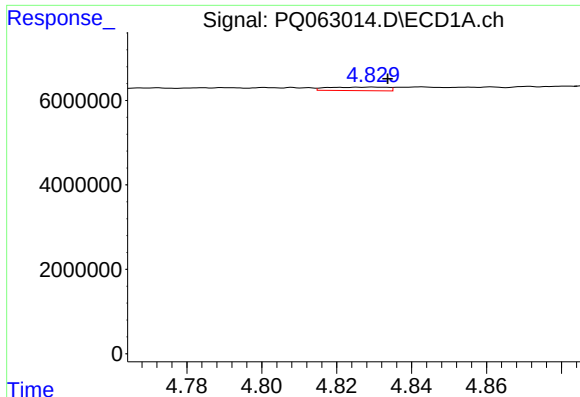
#14 AR-1232-4

R.T.: 4.748 min
Delta R.T.: 0.013 min
Response: 224655
Conc: 3.72 ng/ml



#14 AR-1232-4

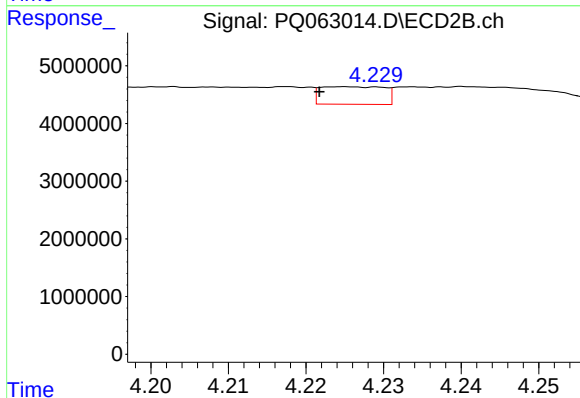
R.T.: 4.056 min
Delta R.T.: -0.006 min
Response: 1773949
Conc: 38.65 ng/ml



#15 AR-1232-5

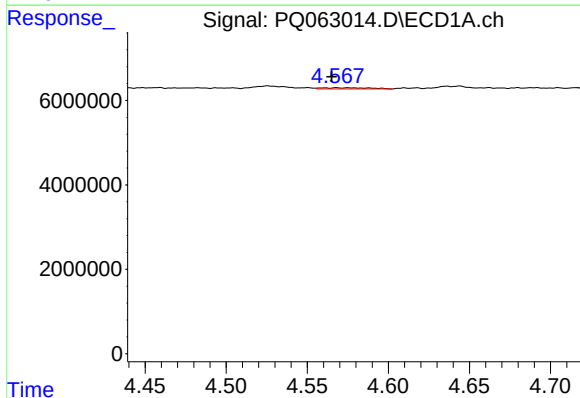
R.T.: 4.829 min
Delta R.T.: -0.004 min
Response: 923517
Conc: 21.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



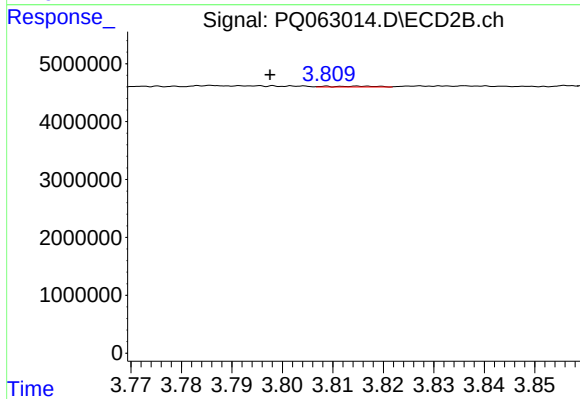
#15 AR-1232-5

R.T.: 4.225 min
Delta R.T.: 0.003 min
Response: 1747995
Conc: 32.24 ng/ml



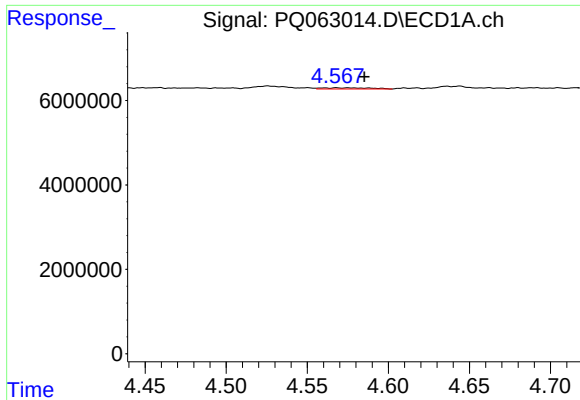
#16 AR-1242-1

R.T.: 4.575 min
Delta R.T.: 0.010 min
Response: 584471
Conc: 3.46 ng/ml



#16 AR-1242-1

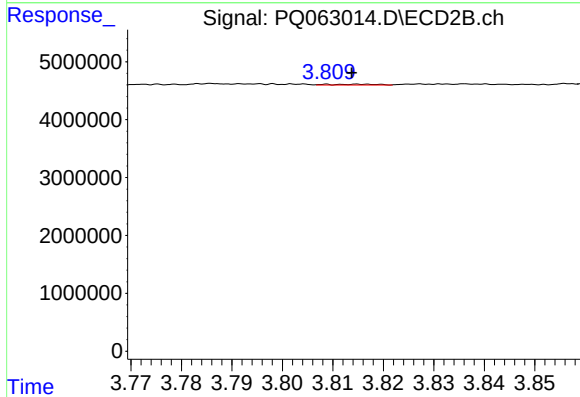
R.T.: 3.809 min
Delta R.T.: 0.011 min
Response: 86869
Conc: 0.60 ng/ml



#17 AR-1242-2

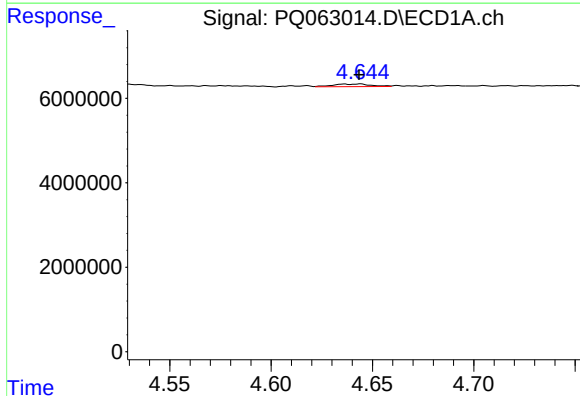
R.T.: 4.575 min
Delta R.T.: -0.010 min
Response: 584471
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



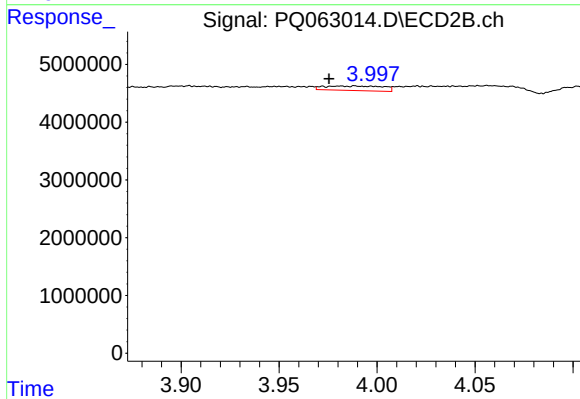
#17 AR-1242-2

R.T.: 3.809 min
Delta R.T.: -0.005 min
Response: 86869
Conc: 0.46 ng/ml



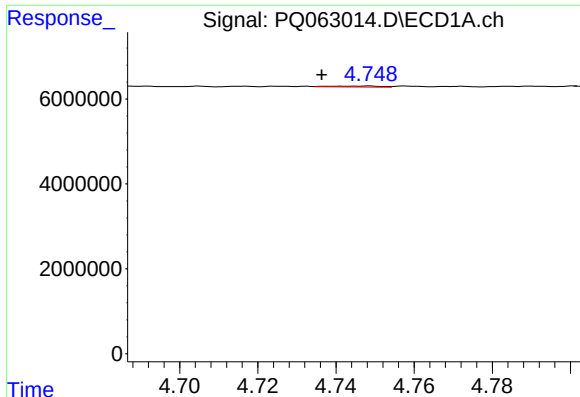
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 806852
Conc: 5.51 ng/ml



#18 AR-1242-3

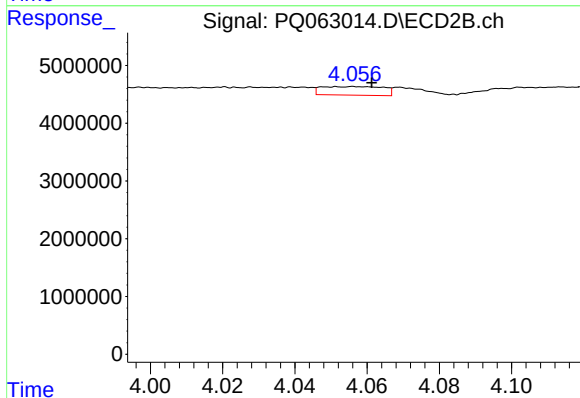
R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 1651930
Conc: 15.31 ng/ml



#19 AR-1242-4

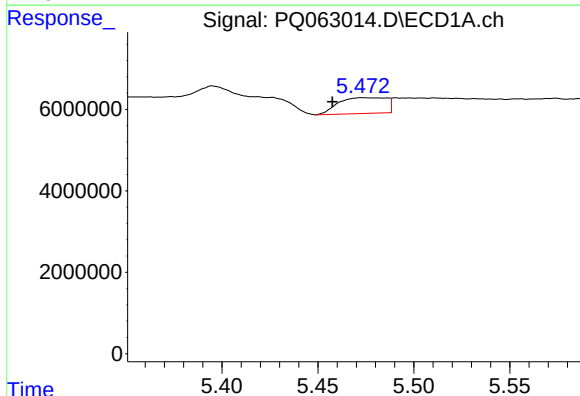
R.T.: 4.748 min
Delta R.T.: 0.012 min
Response: 224655
Conc: 1.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



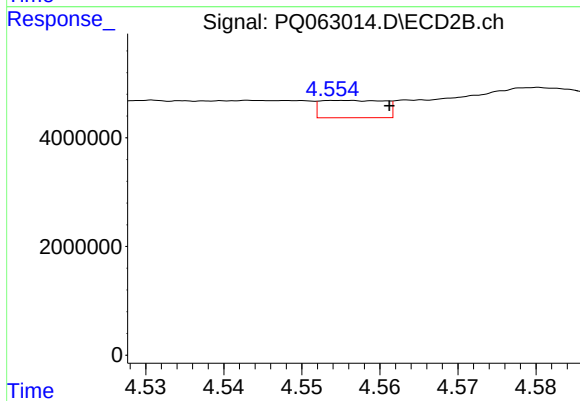
#19 AR-1242-4

R.T.: 4.056 min
Delta R.T.: -0.005 min
Response: 1773949
Conc: 17.81 ng/ml



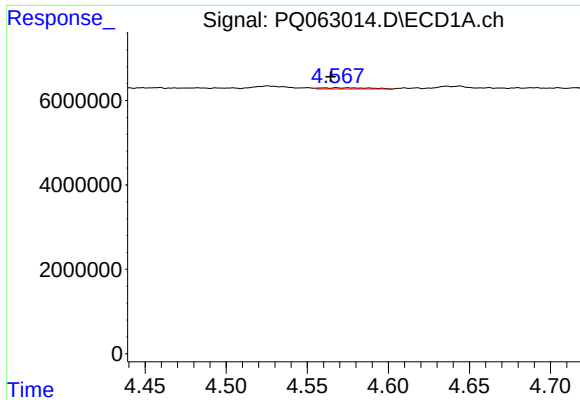
#20 AR-1242-5

R.T.: 5.473 min
Delta R.T.: 0.016 min
Response: 6775427
Conc: 51.27 ng/ml



#20 AR-1242-5

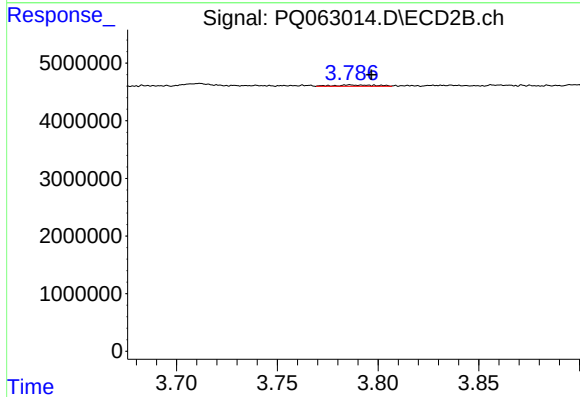
R.T.: 4.555 min
Delta R.T.: -0.006 min
Response: 1812299
Conc: 13.40 ng/ml



#21 AR-1248-1

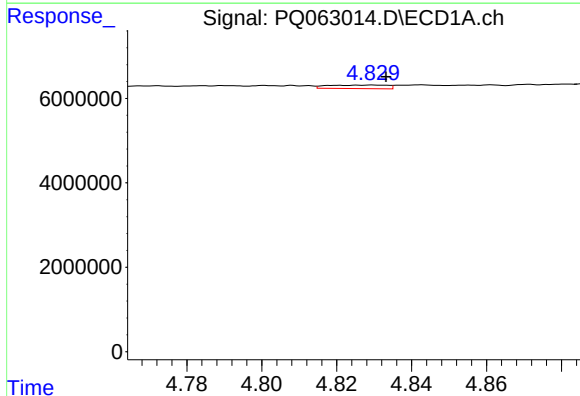
R.T.: 4.575 min
Delta R.T.: 0.011 min
Response: 584471
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



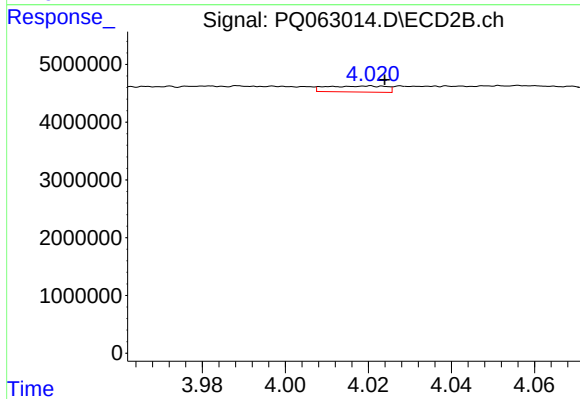
#21 AR-1248-1

R.T.: 3.786 min
Delta R.T.: -0.011 min
Response: 335098
Conc: 3.00 ng/ml



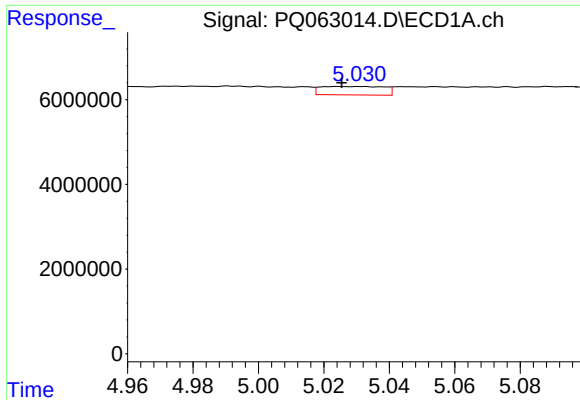
#22 AR-1248-2

R.T.: 4.829 min
Delta R.T.: -0.004 min
Response: 923517
Conc: 5.28 ng/ml



#22 AR-1248-2

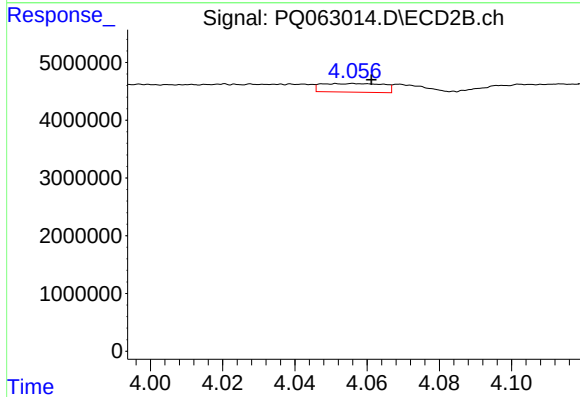
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 1054483
Conc: 6.68 ng/ml



#23 AR-1248-3

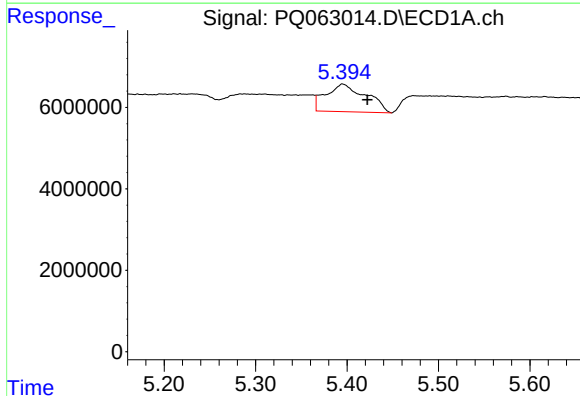
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 2699755
Conc: 12.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



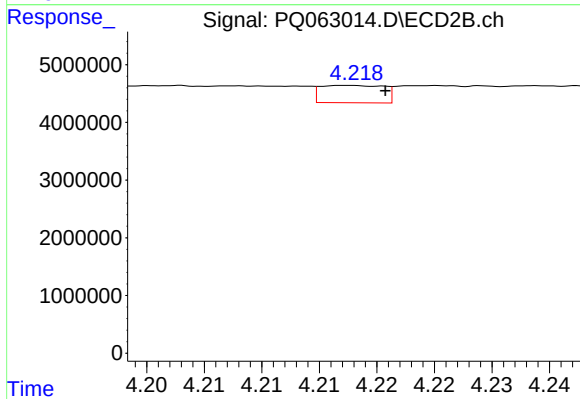
#23 AR-1248-3

R.T.: 4.056 min
Delta R.T.: -0.005 min
Response: 1773949
Conc: 11.63 ng/ml



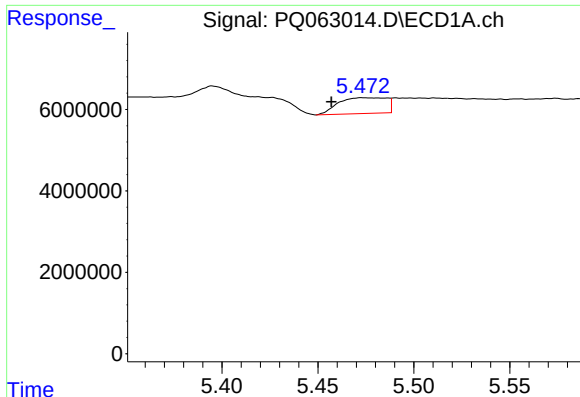
#24 AR-1248-4

R.T.: 5.395 min
Delta R.T.: -0.027 min
Response: 20673474
Conc: 86.77 ng/ml



#24 AR-1248-4

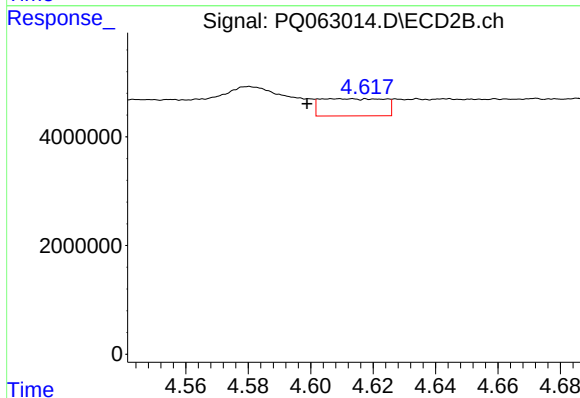
R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 1151237
Conc: 6.05 ng/ml



#25 AR-1248-5

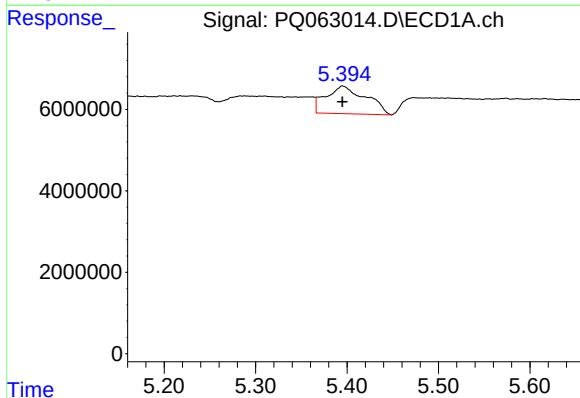
R.T.: 5.473 min
Delta R.T.: 0.016 min
Response: 6775427
Conc: 29.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



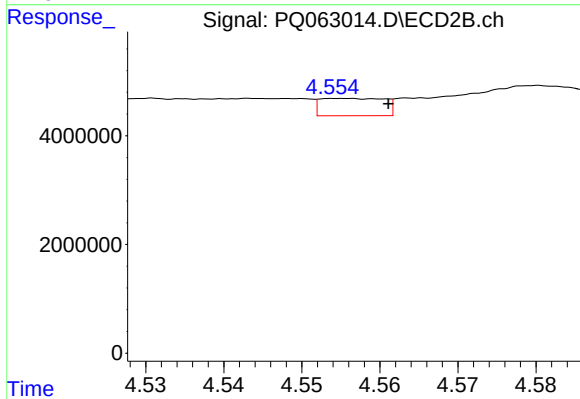
#25 AR-1248-5

R.T.: 4.609 min
Delta R.T.: 0.010 min
Response: 4520961
Conc: 23.38 ng/ml



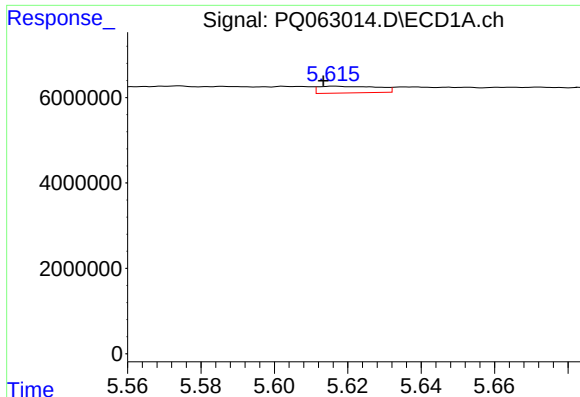
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 20673474
Conc: 94.40 ng/ml



#26 AR-1254-1

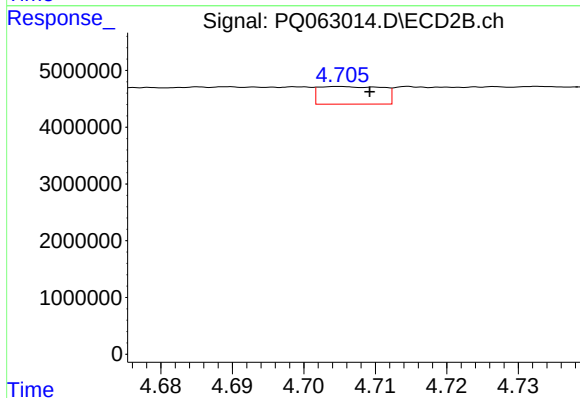
R.T.: 4.555 min
Delta R.T.: -0.006 min
Response: 1812299
Conc: 6.75 ng/ml



#27 AR-1254-2

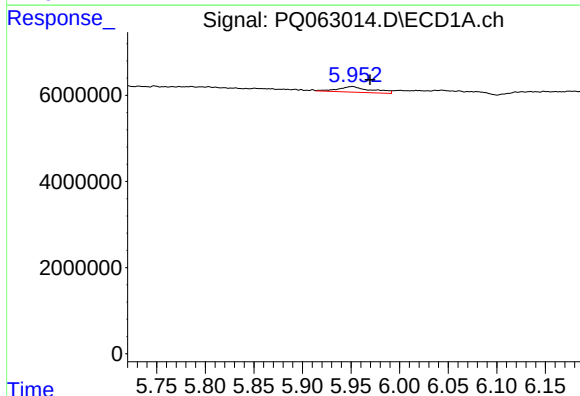
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 1754721
Conc: 5.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



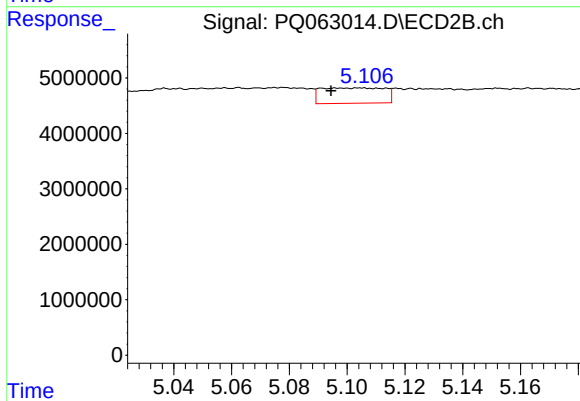
#27 AR-1254-2

R.T.: 4.705 min
Delta R.T.: -0.004 min
Response: 1911233
Conc: 8.14 ng/ml



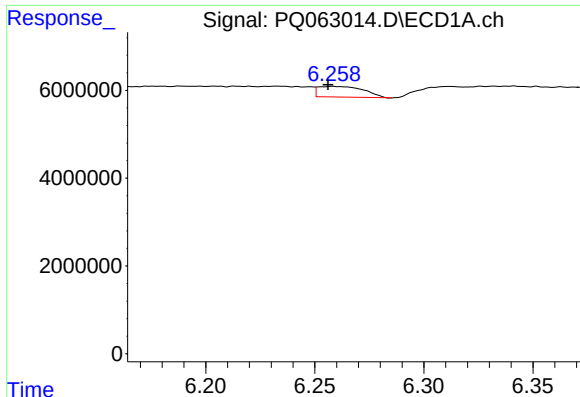
#28 AR-1254-3

R.T.: 5.951 min
Delta R.T.: -0.018 min
Response: 3070270
Conc: 8.56 ng/ml



#28 AR-1254-3

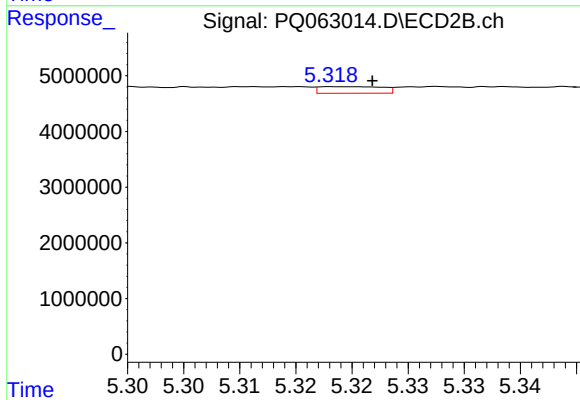
R.T.: 5.106 min
Delta R.T.: 0.011 min
Response: 4228952
Conc: 11.18 ng/ml



#29 AR-1254-4

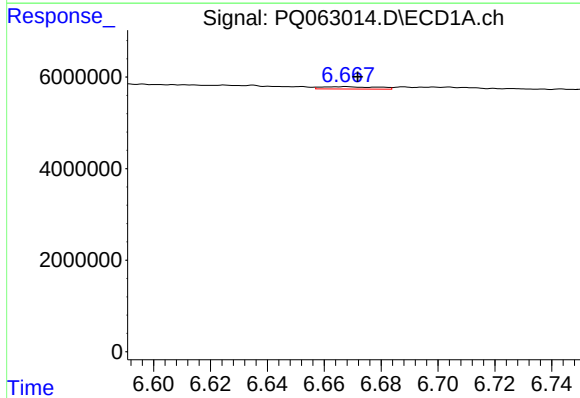
R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 3519838
Conc: 12.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



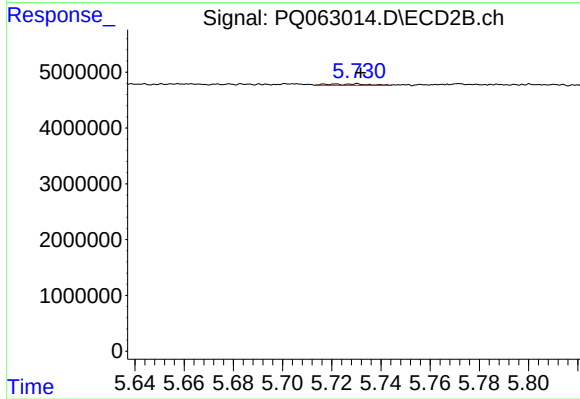
#29 AR-1254-4

R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 459129
Conc: 1.88 ng/ml



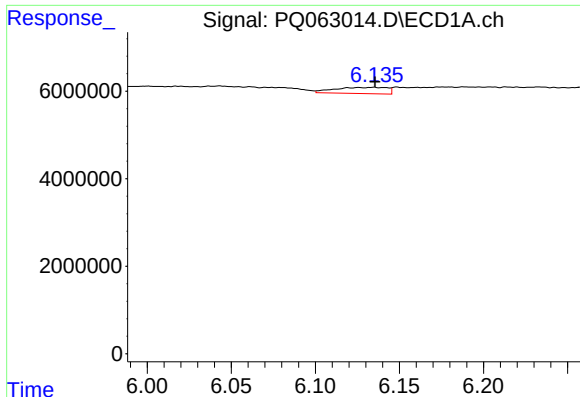
#30 AR-1254-5

R.T.: 6.668 min
Delta R.T.: -0.004 min
Response: 698726
Conc: 2.53 ng/ml



#30 AR-1254-5

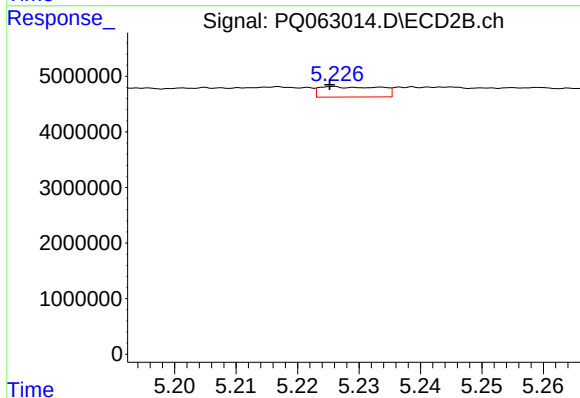
R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 269421
Conc: 0.78 ng/ml



#31 AR-1260-1

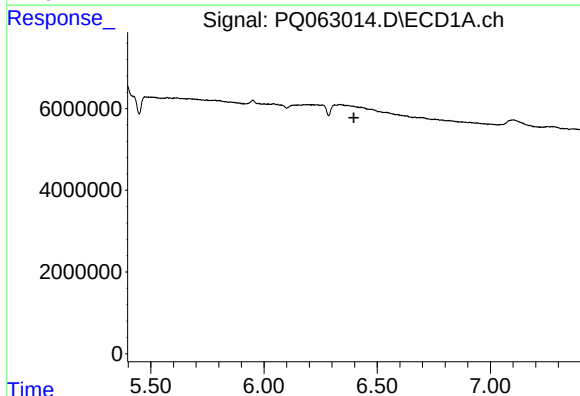
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 3095521
Conc: 12.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



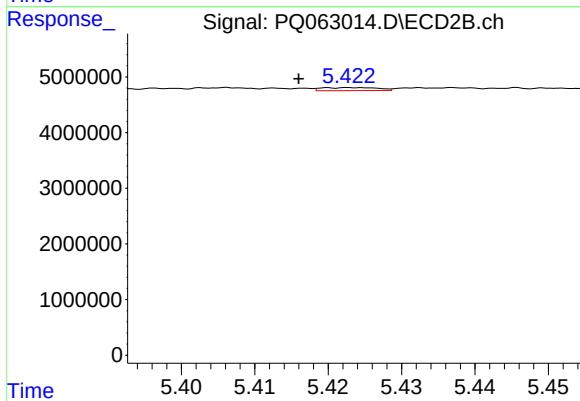
#31 AR-1260-1

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 1280239
Conc: 5.13 ng/ml



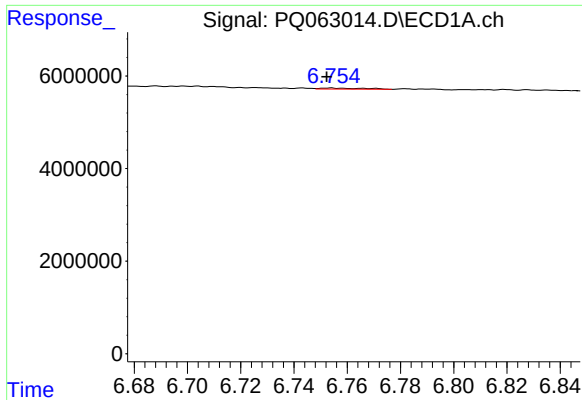
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.397 min
Response: 0
Conc: N.D.



#32 AR-1260-2

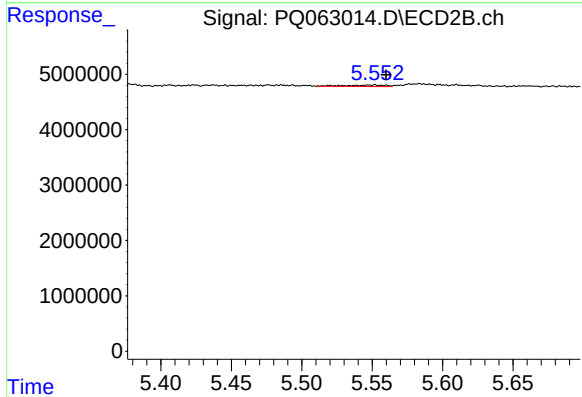
R.T.: 5.423 min
Delta R.T.: 0.007 min
Response: 295073
Conc: 0.96 ng/ml



#33 AR-1260-3

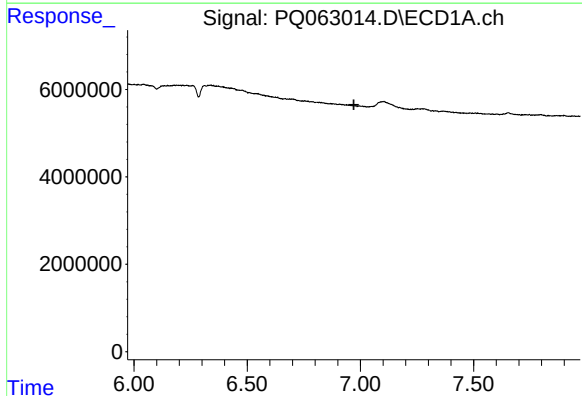
R.T.: 6.754 min
Delta R.T.: 0.001 min
Response: 235271
Conc: 1.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



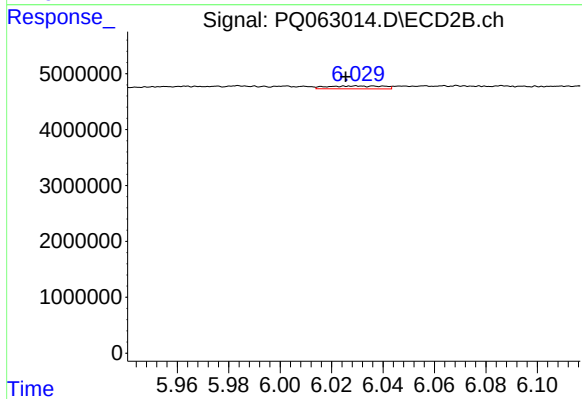
#33 AR-1260-3

R.T.: 5.552 min
Delta R.T.: -0.008 min
Response: 516501
Conc: 1.67 ng/ml



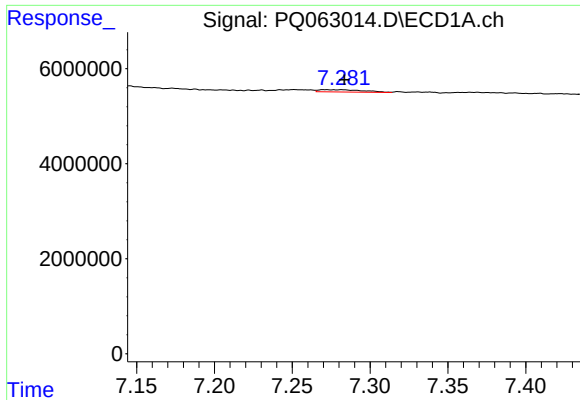
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.971 min
Response: 0
Conc: N.D.



#34 AR-1260-4

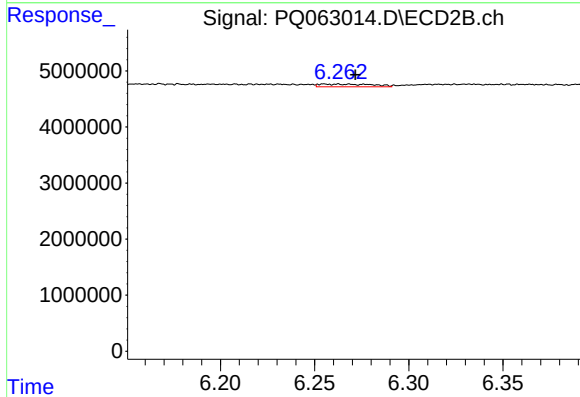
R.T.: 6.030 min
Delta R.T.: 0.004 min
Response: 787334
Conc: 3.21 ng/ml



#35 AR-1260-5

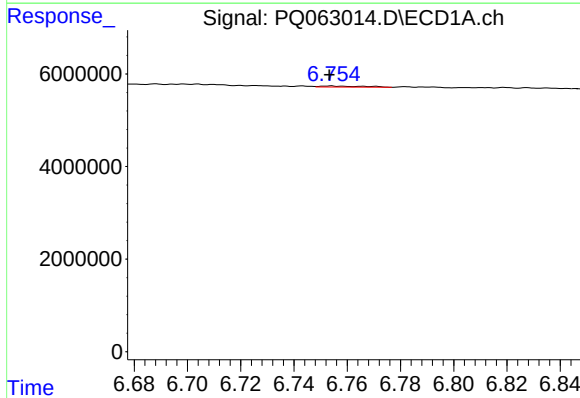
R.T.: 7.271 min
Delta R.T.: -0.013 min
Response: 939461
Conc: 2.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



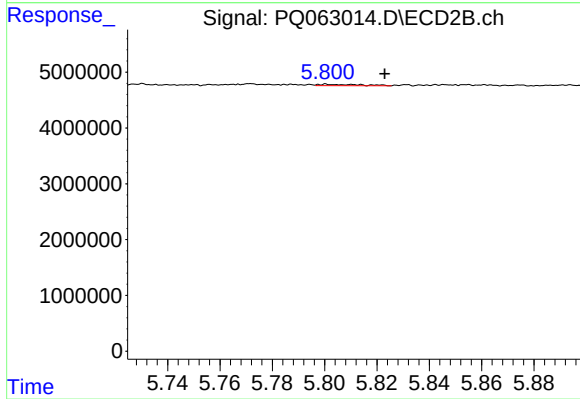
#35 AR-1260-5

R.T.: 6.255 min
Delta R.T.: -0.017 min
Response: 931551
Conc: 1.70 ng/ml



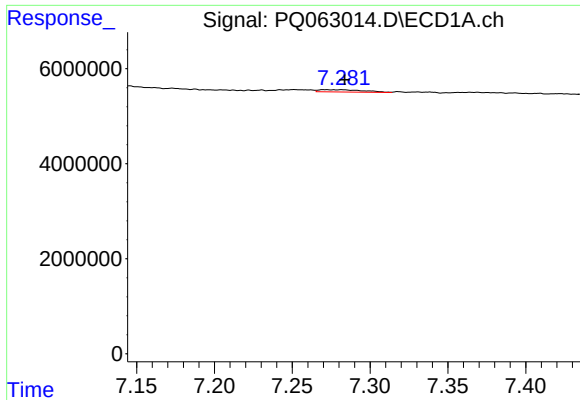
#36 AR-1262-1

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 235271
Conc: 0.73 ng/ml



#36 AR-1262-1

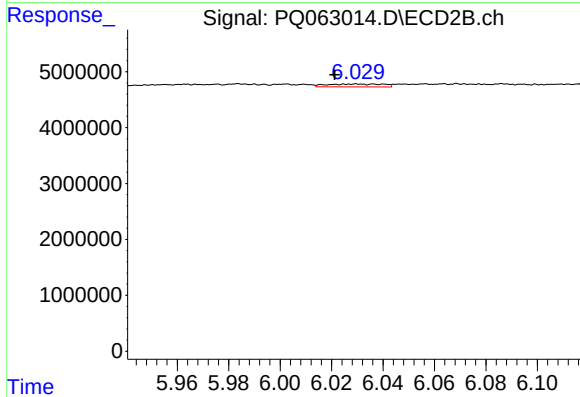
R.T.: 5.801 min
Delta R.T.: -0.022 min
Response: 267067
Conc: 1.87 ng/ml



#37 AR-1262-2

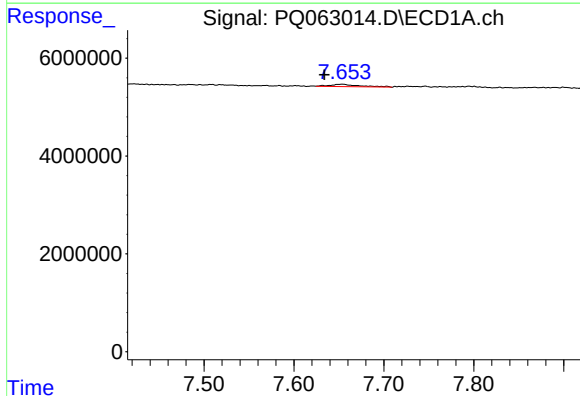
R.T.: 7.271 min
Delta R.T.: -0.013 min
Response: 939461
Conc: 1.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



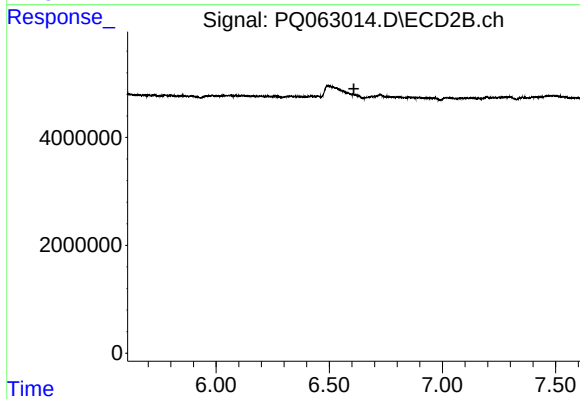
#37 AR-1262-2

R.T.: 6.030 min
Delta R.T.: 0.009 min
Response: 787334
Conc: 2.52 ng/ml



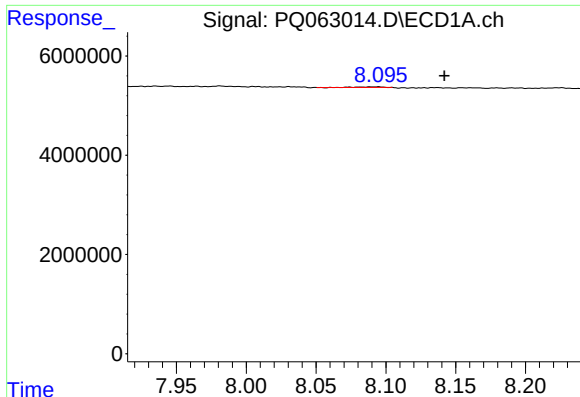
#39 AR-1262-4

R.T.: 7.654 min
Delta R.T.: 0.020 min
Response: 1121957
Conc: 4.00 ng/ml



#39 AR-1262-4

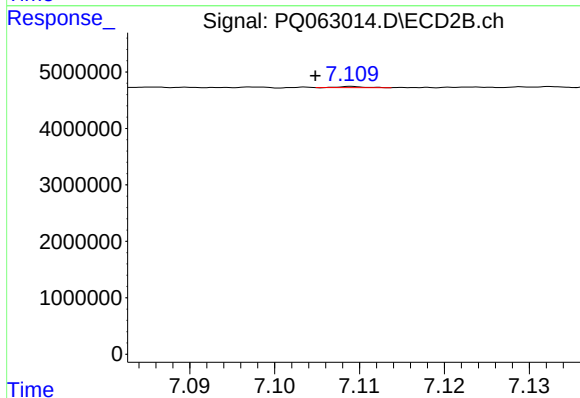
R.T.: 0.000 min
Exp R.T.: 6.609 min
Response: 0
Conc: N.D.



#40 AR-1262-5

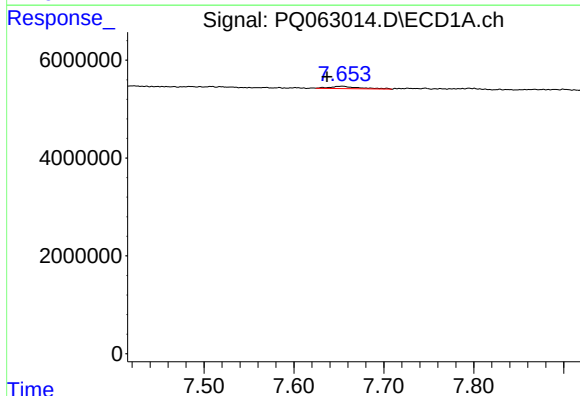
R.T.: 8.095 min
Delta R.T.: -0.047 min
Response: 149629
Conc: 0.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



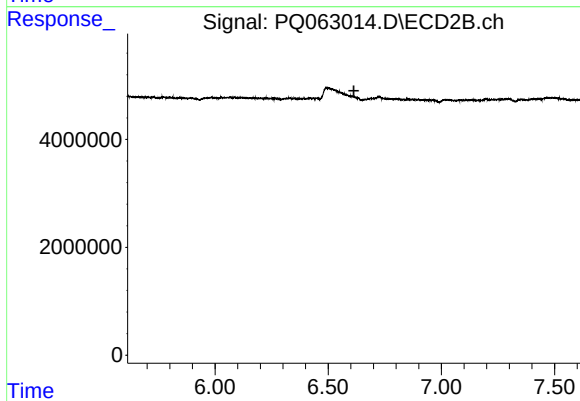
#40 AR-1262-5

R.T.: 7.109 min
Delta R.T.: 0.004 min
Response: 43747
Conc: 0.20 ng/ml



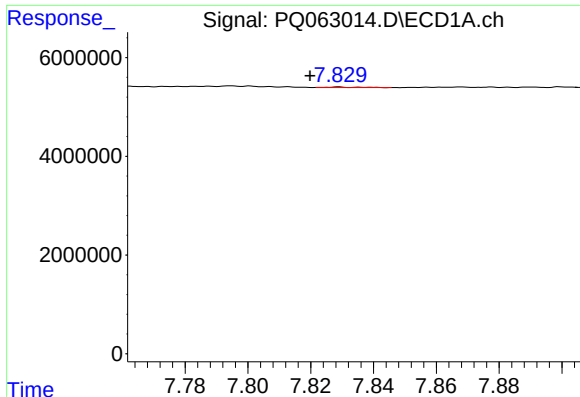
#42 AR-1268-2

R.T.: 7.654 min
Delta R.T.: 0.017 min
Response: 1121957
Conc: 1.87 ng/ml



#42 AR-1268-2

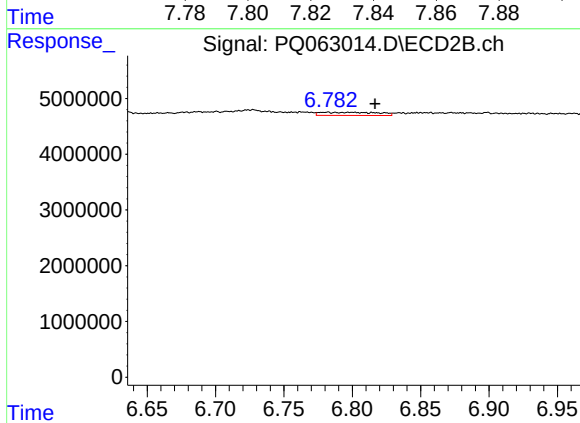
R.T.: 0.000 min
Exp R.T. : 6.614 min
Response: 0
Conc: N.D.



#43 AR-1268-3

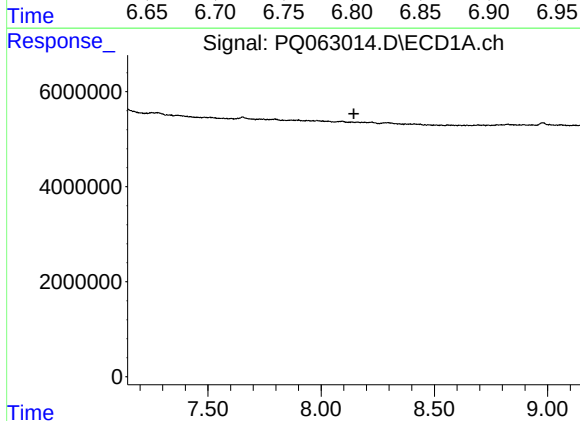
R.T.: 7.829 min
Delta R.T.: 0.009 min
Response: 68575
Conc: 0.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



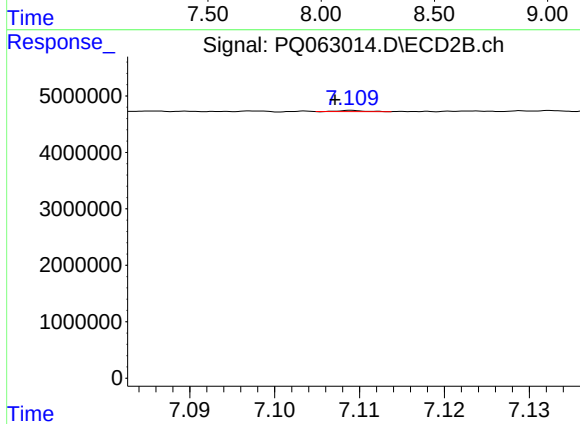
#43 AR-1268-3

R.T.: 6.782 min
Delta R.T.: -0.035 min
Response: 1655294
Conc: 2.82 ng/ml



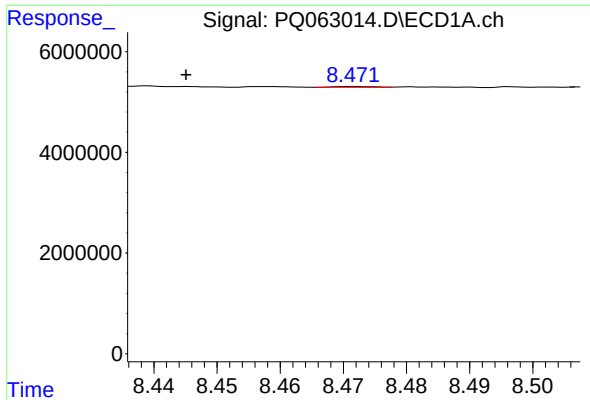
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.145 min
Response: 0
Conc: N.D.



#44 AR-1268-4

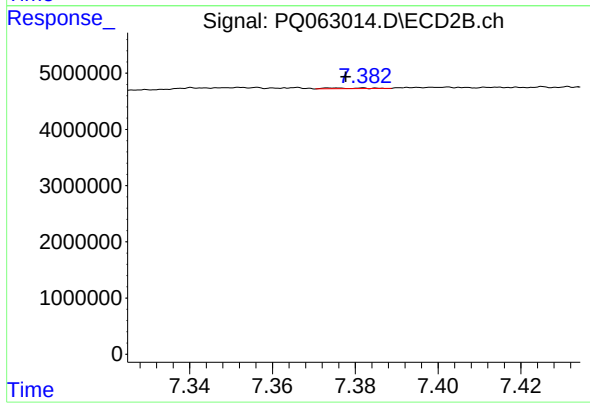
R.T.: 7.109 min
Delta R.T.: 0.002 min
Response: 43747
Conc: 0.17 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.026 min
Response: 70169
Conc: 0.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.382 min
Delta R.T.: 0.004 min
Response: 80320
Conc: 0.05 ng/ml