

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062122\
 Data File : PQ058263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2022 22:39
 Operator : YP\AJ
 Sample : AIBLK99
 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: Jun 22 00:58:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 09 05:05:02 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...	4.686	4.048	300.5E6	302.3E6	20.280	19.618
2)	SA Decachlor...	10.601	9.188	493.5E6	433.1E6	35.316	38.645
Target Compounds							
3)	L1 AR-1016-1	5.864	5.194	231654	610825	0.586	1.234 #
4)	L1 AR-1016-2	5.933	5.194	139085	610825	0.207	0.864 #
5)	L1 AR-1016-3	5.980	5.393	261299	2205293	0.633	5.986 #
6)	L1 AR-1016-4	0.000	5.393	0	2205293	N.D.	7.487 #
7)	L1 AR-1016-5	6.357	5.665f	531891	601759	1.735	1.577
8)	L2 AR-1221-1	0.000	4.217f	0	357469	N.D.	2.202 #
9)	L2 AR-1221-2	4.999	4.356	3805858	4193882	33.337	37.002
10)	L2 AR-1221-3	5.087	0.000	76805	0	0.207	N.D. #
11)	L3 AR-1232-1	5.087	0.000	76805	0	0.278	N.D. #
12)	L3 AR-1232-2	5.600	5.194	108066	610825	0.787	2.139 #
13)	L3 AR-1232-3	5.933	5.393	139085	2205293	0.508	15.031 #
14)	L3 AR-1232-4	0.000	5.475	0	3422806	N.D.	26.043 #
15)	L3 AR-1232-5	0.000	5.665f	0	601759	N.D.	4.081 #
16)	L4 AR-1242-1	5.864	5.194	231654	610825	0.726	1.510 #
17)	L4 AR-1242-2	5.933	5.194	139085	610825	0.254	1.058 #
18)	L4 AR-1242-3	5.980	5.393	261299	2205293	0.777	7.299 #
19)	L4 AR-1242-4	0.000	5.475	0	3422806	N.D.	11.683 #
20)	L4 AR-1242-5	6.787	5.987	569996	4715960	2.045	12.606 #
21)	L5 AR-1248-1	5.864	5.194	231654	610825	0.941	1.960 #
22)	L5 AR-1248-2	0.000	5.393	0	2205293	N.D.	5.243 #
23)	L5 AR-1248-3	6.357	5.475	531891	3422806	1.274	7.776 #
24)	L5 AR-1248-4	6.766	5.665f	513834	601759	1.122	1.141
25)	L5 AR-1248-5	6.787	5.987	569996	4715960	1.199	8.977 #
26)	L6 AR-1254-1	6.735	5.987	4376451	4715960	10.169	5.889 #
27)	L6 AR-1254-2	0.000	6.100	0	9605049	N.D.	13.857 #
28)	L6 AR-1254-3	7.339	6.573f	14619384	4494592	17.724	3.930 #
29)	L6 AR-1254-4	7.601	6.757	775164	566299	1.401	0.822 #
30)	L6 AR-1254-5	0.000	7.166	0	638988	N.D.	0.670 #
31)	L7 AR-1260-1	7.531f	0.000	5090837	0	10.723	N.D. #
32)	L7 AR-1260-2	0.000	6.827	0	1850458	N.D.	2.300 #
33)	L7 AR-1260-3	0.000	7.039f	0	382319	N.D.	0.506 #
34)	L7 AR-1260-4	0.000	7.520f	0	2671894	N.D.	4.225 #
35)	L7 AR-1260-5	8.732f	7.700	296945	808844	0.250	0.547 #
36)	L8 AR-1262-1	0.000	7.166	0	638988	N.D.	1.254 #
37)	L8 AR-1262-2	8.732f	7.700	296945	808844	0.207	0.458 #
39)	L8 AR-1262-4	0.000	8.087	0	542166	N.D.	0.433 #
40)	L8 AR-1262-5	0.000	8.620	0	813826	N.D.	1.542 #
42)	L9 AR-1268-2	0.000	8.087	0	542166	N.D.	0.299 #
43)	L9 AR-1268-3	9.340	8.269	438957	752426	0.260	0.482 #

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Integration File signal 1: autoint1.e
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 Quant Time: Jun 22 00:58:10 2022
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 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 09 05:05:02 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
44) L9	AR-1268-4	0.000	8.620	0	813826	N.D.	1.375 #
45) L9	AR-1268-5	10.238	8.901	2301729	2265119	0.416	0.507

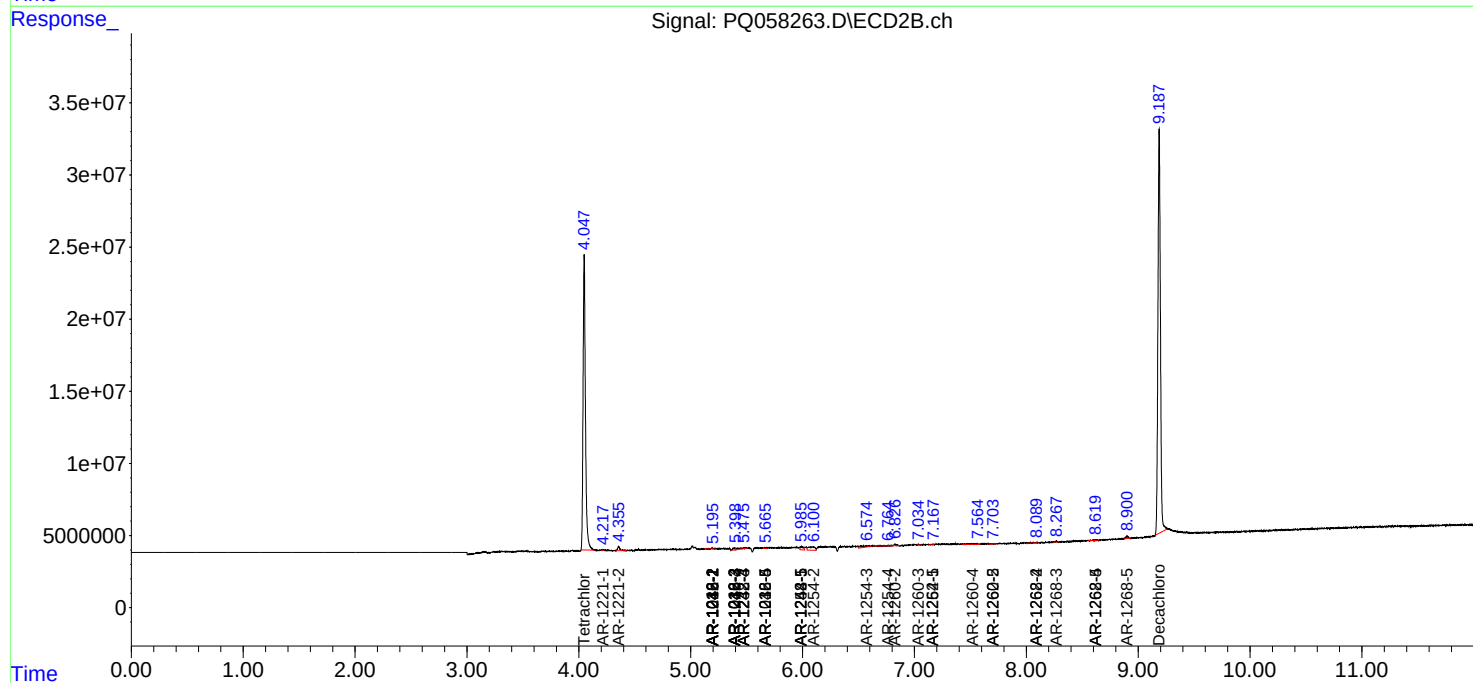
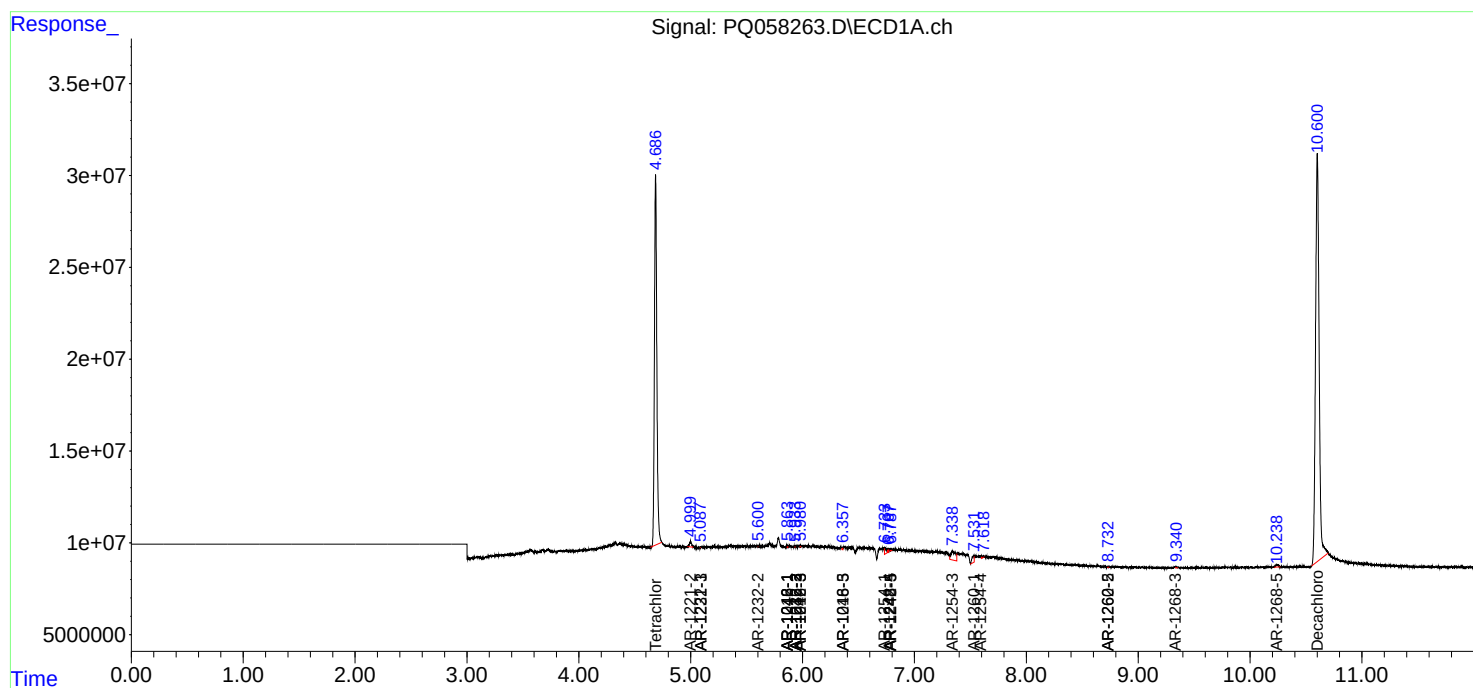
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

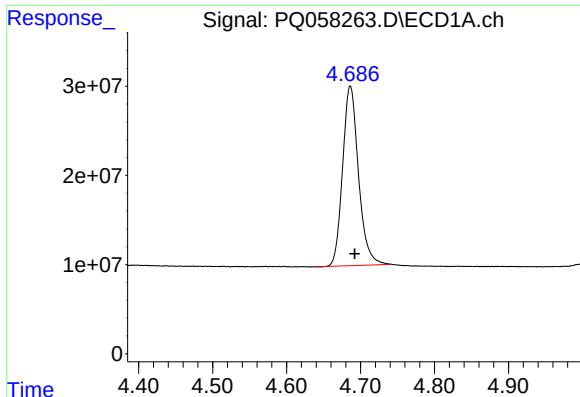
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

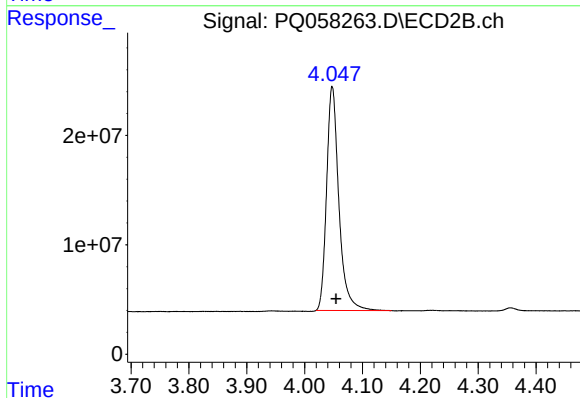




#1 Tetrachloro-m-xylene

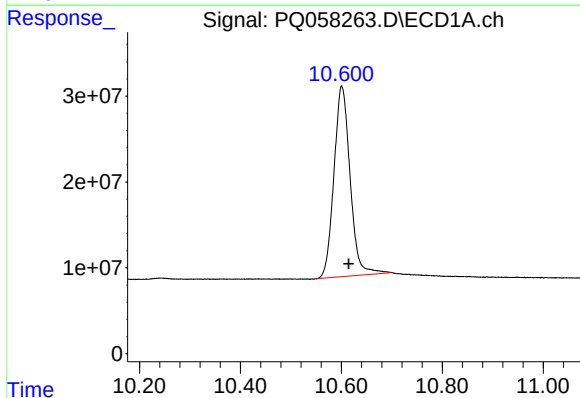
R.T.: 4.686 min
Delta R.T.: -0.006 min
Response: 300533506
Conc: 20.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



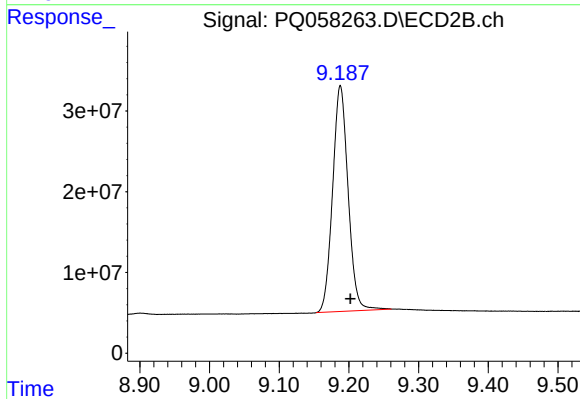
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: -0.007 min
Response: 302256789
Conc: 19.62 ng/ml



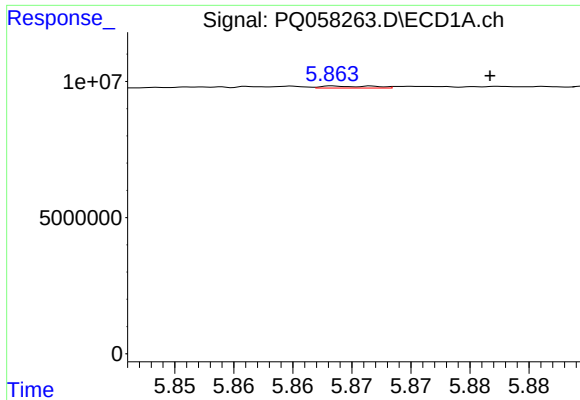
#2 Decachlorobiphenyl

R.T.: 10.601 min
Delta R.T.: -0.014 min
Response: 493467956
Conc: 35.32 ng/ml



#2 Decachlorobiphenyl

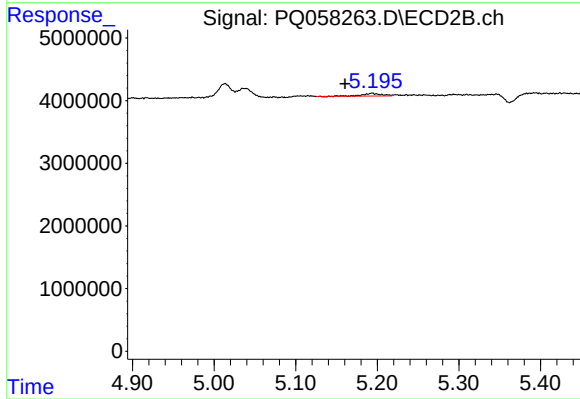
R.T.: 9.188 min
Delta R.T.: -0.015 min
Response: 433075590
Conc: 38.64 ng/ml



#3 AR-1016-1

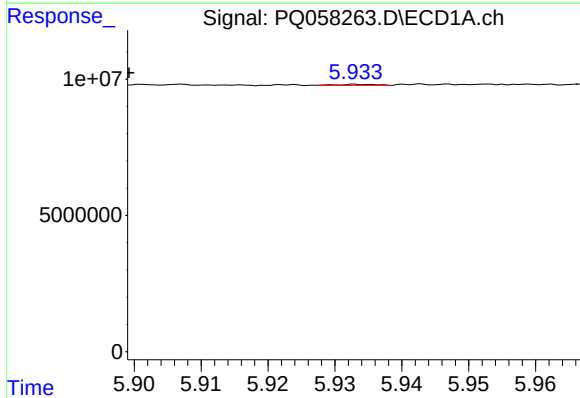
R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 231654
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



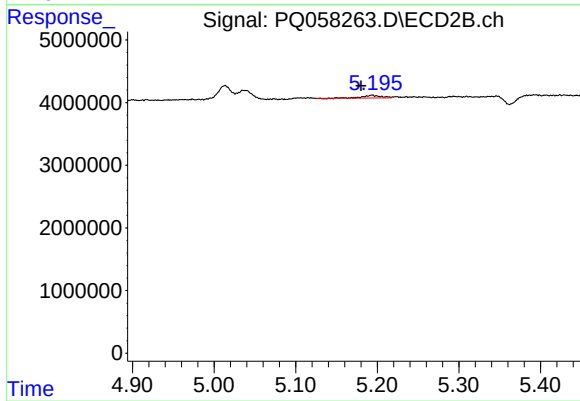
#3 AR-1016-1

R.T.: 5.194 min
Delta R.T.: 0.033 min
Response: 610825
Conc: 1.23 ng/ml



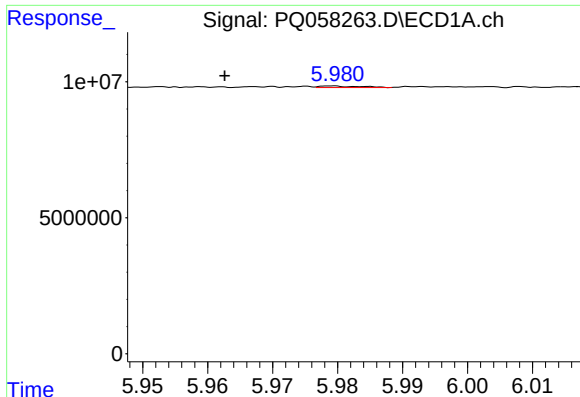
#4 AR-1016-2

R.T.: 5.933 min
Delta R.T.: 0.034 min
Response: 139085
Conc: 0.21 ng/ml



#4 AR-1016-2

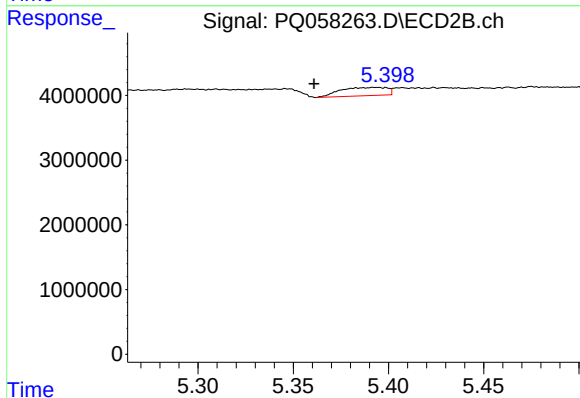
R.T.: 5.194 min
Delta R.T.: 0.013 min
Response: 610825
Conc: 0.86 ng/ml



#5 AR-1016-3

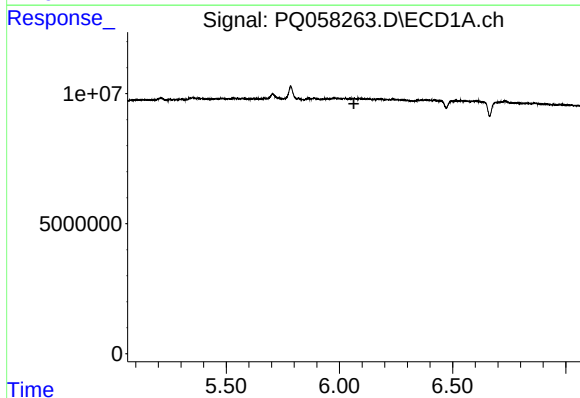
R.T.: 5.980 min
Delta R.T.: 0.017 min
Response: 261299
Conc: 0.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



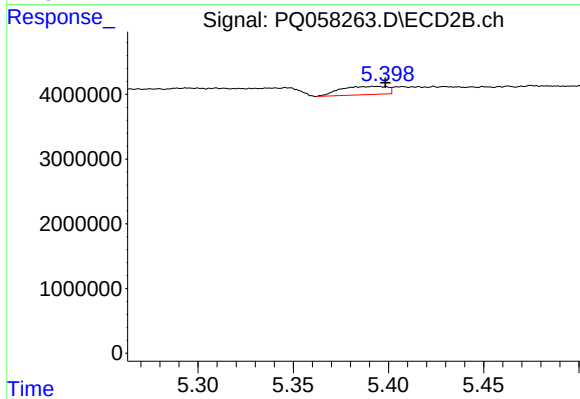
#5 AR-1016-3

R.T.: 5.393 min
Delta R.T.: 0.032 min
Response: 2205293
Conc: 5.99 ng/ml



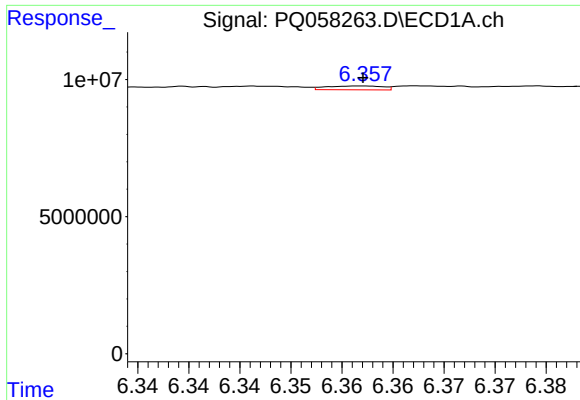
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.064 min
Response: 0
Conc: N.D.



#6 AR-1016-4

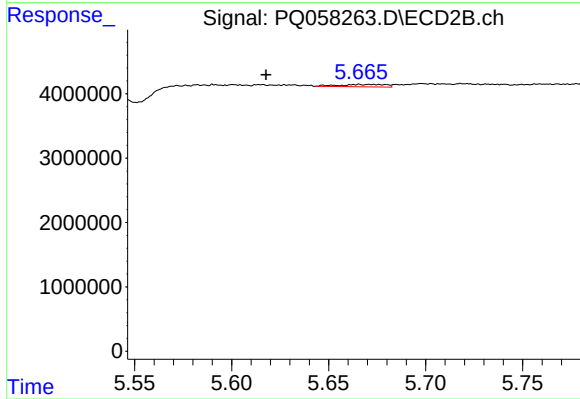
R.T.: 5.393 min
Delta R.T.: -0.005 min
Response: 2205293
Conc: 7.49 ng/ml



#7 AR-1016-5

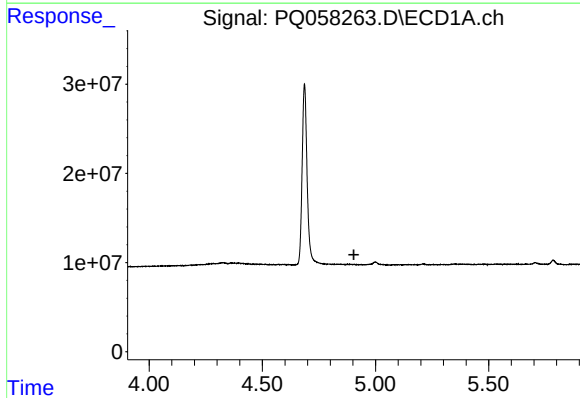
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 531891
Conc: 1.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



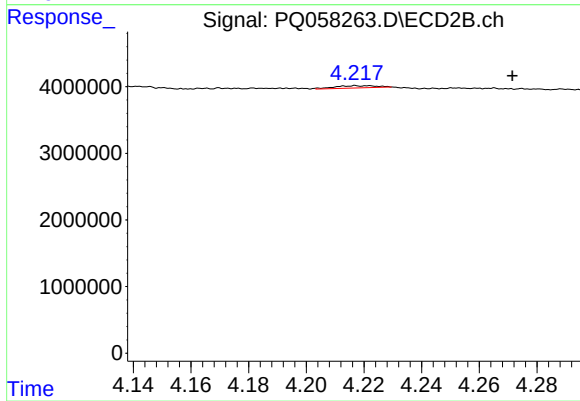
#7 AR-1016-5

R.T.: 5.665 min
Delta R.T.: 0.048 min
Response: 601759
Conc: 1.58 ng/ml



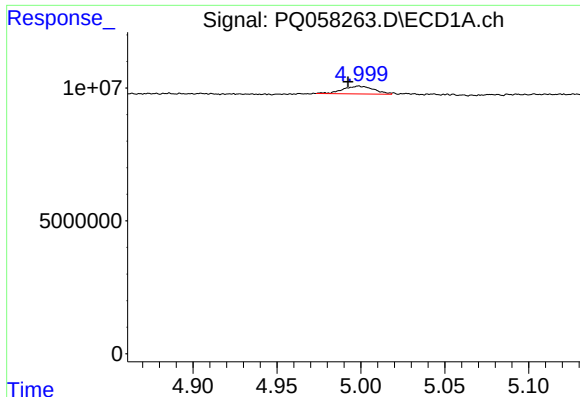
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.905 min
Response: 0
Conc: N.D.



#8 AR-1221-1

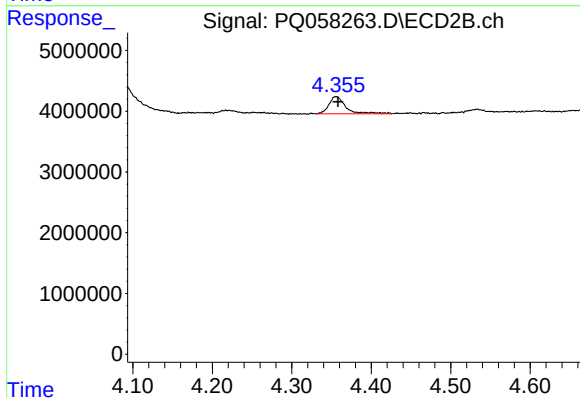
R.T.: 4.217 min
Delta R.T.: -0.054 min
Response: 357469
Conc: 2.20 ng/ml



#9 AR-1221-2

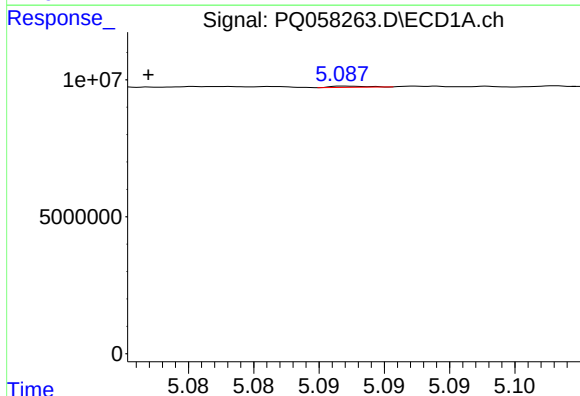
R.T.: 4.999 min
Delta R.T.: 0.007 min
Response: 3805858
Conc: 33.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



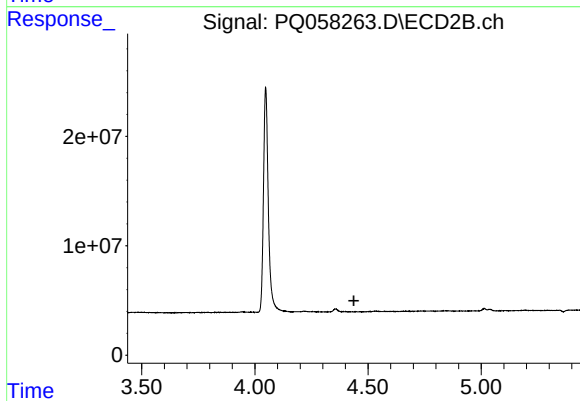
#9 AR-1221-2

R.T.: 4.356 min
Delta R.T.: -0.003 min
Response: 4193882
Conc: 37.00 ng/ml



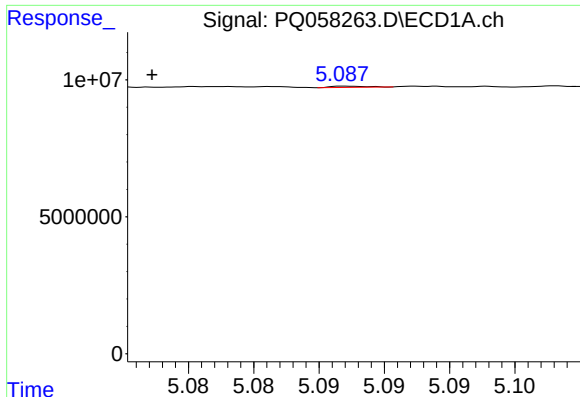
#10 AR-1221-3

R.T.: 5.087 min
Delta R.T.: 0.015 min
Response: 76805
Conc: 0.21 ng/ml



#10 AR-1221-3

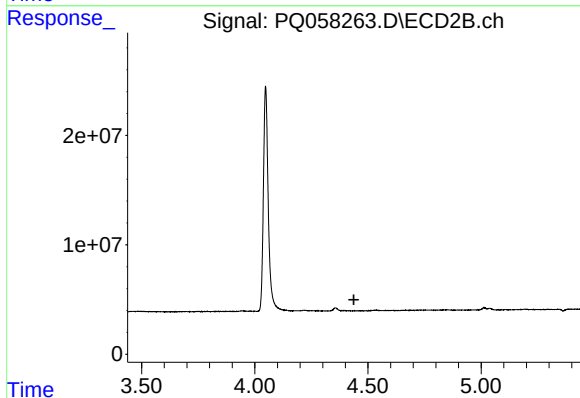
R.T.: 0.000 min
Exp R.T. : 4.438 min
Response: 0
Conc: N.D.



#11 AR-1232-1

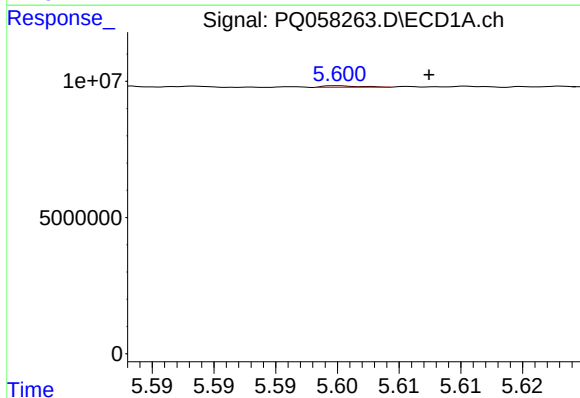
R.T.: 5.087 min
Delta R.T.: 0.015 min
Response: 76805
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



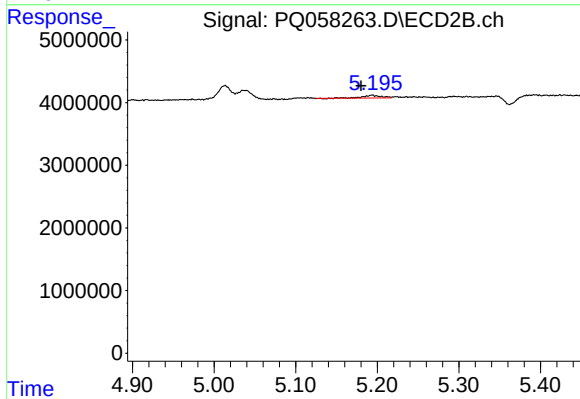
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.438 min
Response: 0
Conc: N.D.



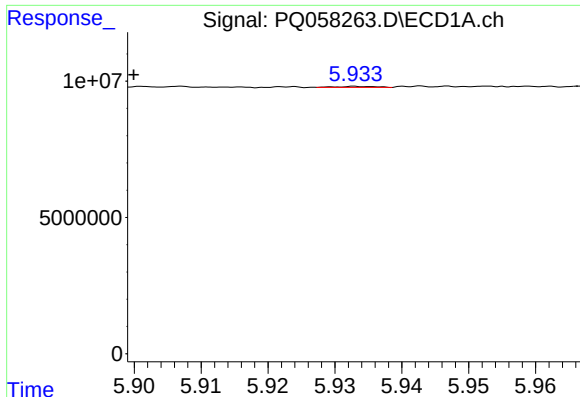
#12 AR-1232-2

R.T.: 5.600 min
Delta R.T.: -0.007 min
Response: 108066
Conc: 0.79 ng/ml



#12 AR-1232-2

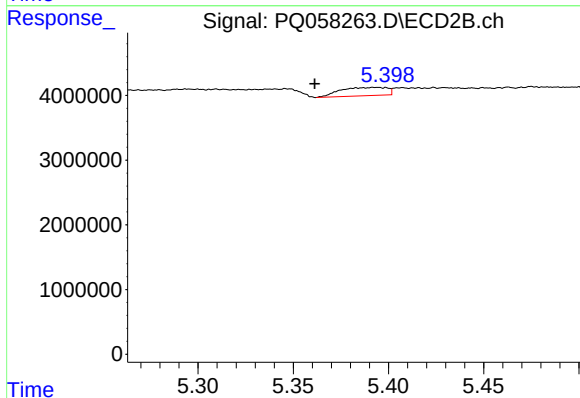
R.T.: 5.194 min
Delta R.T.: 0.013 min
Response: 610825
Conc: 2.14 ng/ml



#13 AR-1232-3

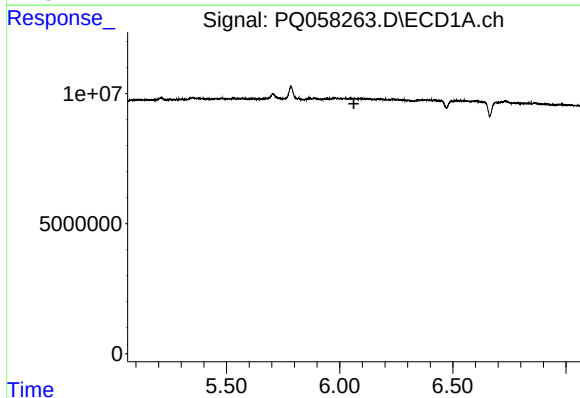
R.T.: 5.933 min
Delta R.T.: 0.033 min
Response: 139085
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



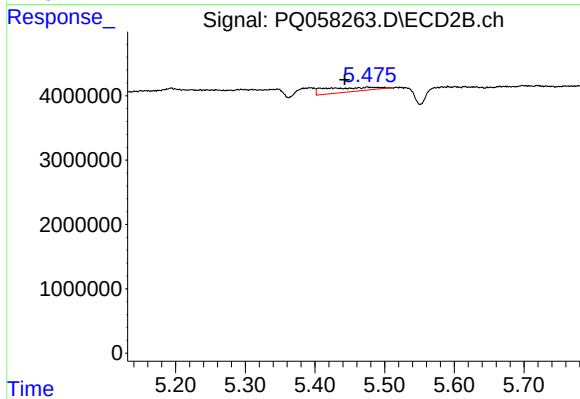
#13 AR-1232-3

R.T.: 5.393 min
Delta R.T.: 0.032 min
Response: 2205293
Conc: 15.03 ng/ml



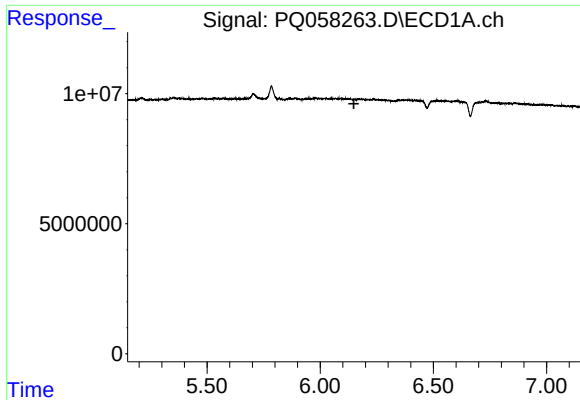
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.063 min
Response: 0
Conc: N.D.



#14 AR-1232-4

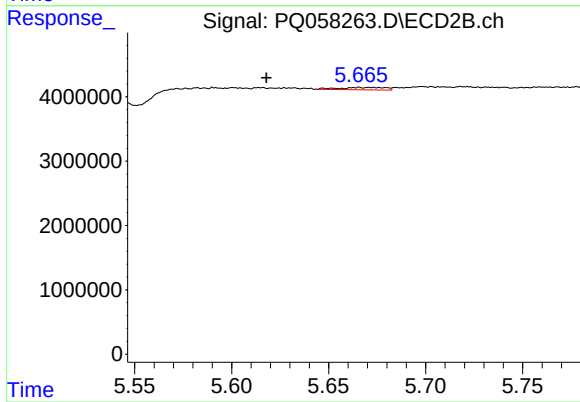
R.T.: 5.475 min
Delta R.T.: 0.033 min
Response: 3422806
Conc: 26.04 ng/ml



#15 AR-1232-5

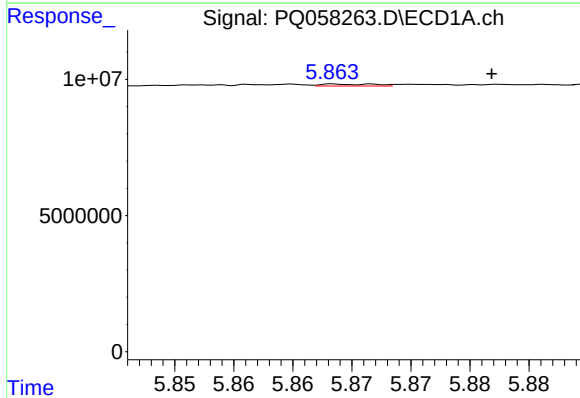
R.T.: 0.000 min
Exp R.T.: 6.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



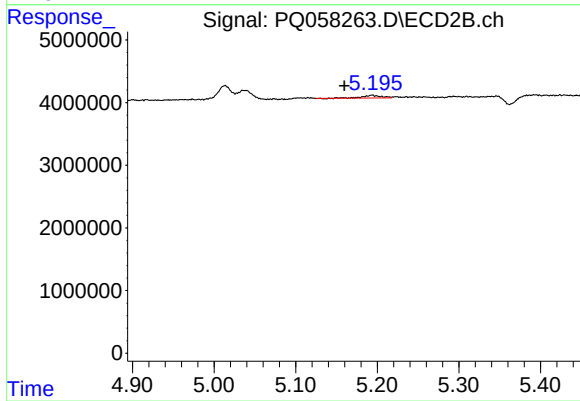
#15 AR-1232-5

R.T.: 5.665 min
Delta R.T.: 0.047 min
Response: 601759
Conc: 4.08 ng/ml



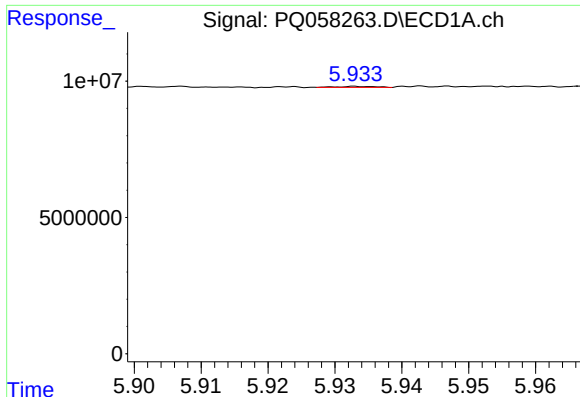
#16 AR-1242-1

R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 231654
Conc: 0.73 ng/ml



#16 AR-1242-1

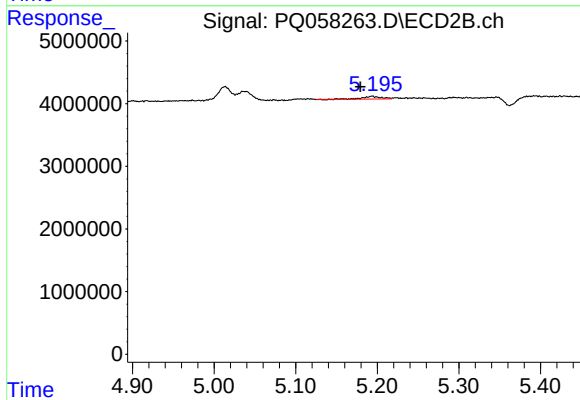
R.T.: 5.194 min
Delta R.T.: 0.034 min
Response: 610825
Conc: 1.51 ng/ml



#17 AR-1242-2

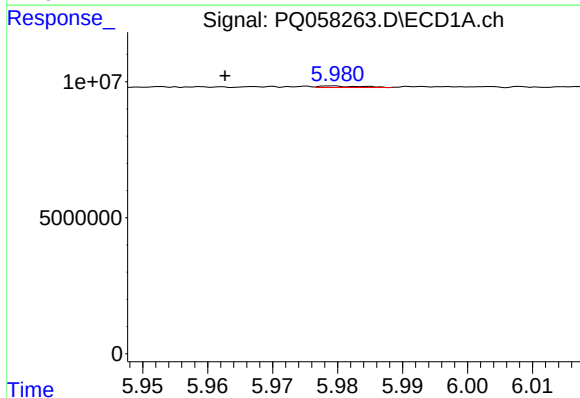
R.T.: 5.933 min
Delta R.T.: 0.034 min
Response: 139085
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



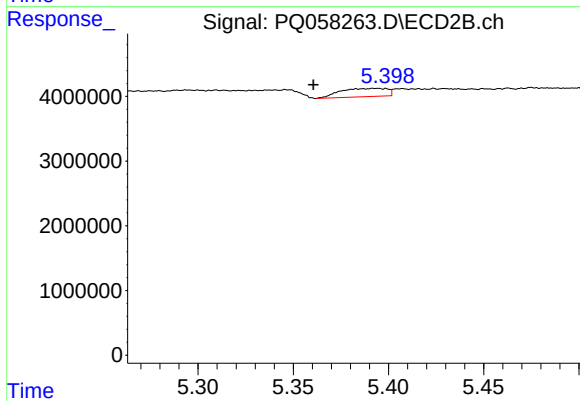
#17 AR-1242-2

R.T.: 5.194 min
Delta R.T.: 0.014 min
Response: 610825
Conc: 1.06 ng/ml



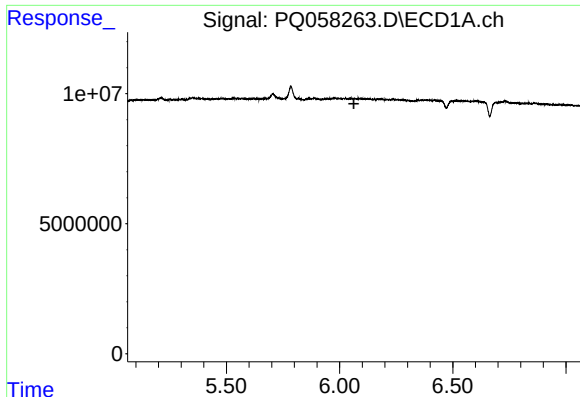
#18 AR-1242-3

R.T.: 5.980 min
Delta R.T.: 0.017 min
Response: 261299
Conc: 0.78 ng/ml



#18 AR-1242-3

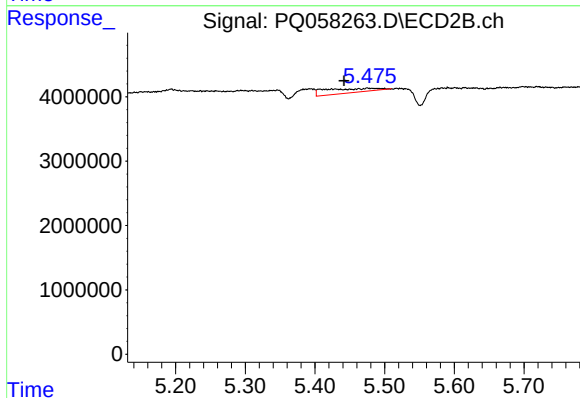
R.T.: 5.393 min
Delta R.T.: 0.033 min
Response: 2205293
Conc: 7.30 ng/ml



#19 AR-1242-4

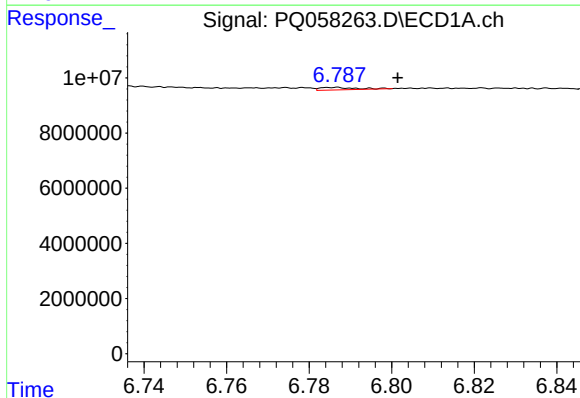
R.T.: 0.000 min
Exp R.T.: 6.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



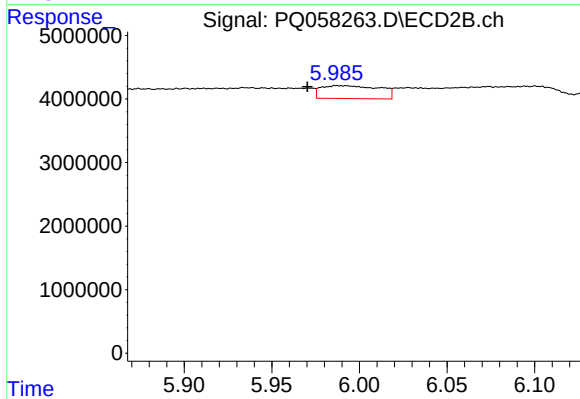
#19 AR-1242-4

R.T.: 5.475 min
Delta R.T.: 0.034 min
Response: 3422806
Conc: 11.68 ng/ml



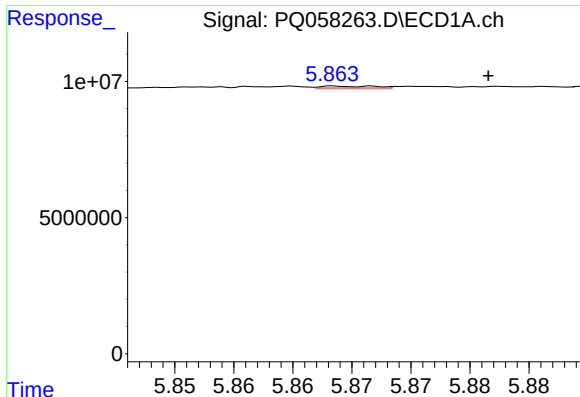
#20 AR-1242-5

R.T.: 6.787 min
Delta R.T.: -0.015 min
Response: 569996
Conc: 2.04 ng/ml



#20 AR-1242-5

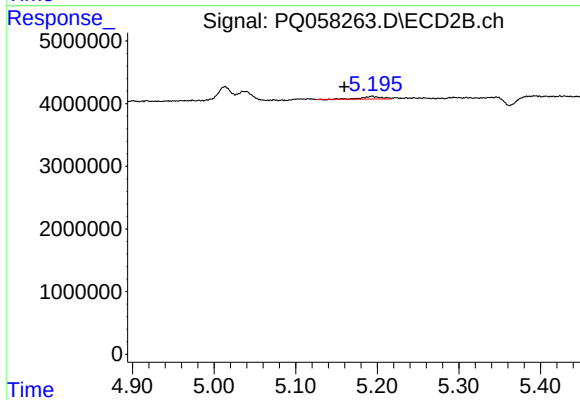
R.T.: 5.987 min
Delta R.T.: 0.017 min
Response: 4715960
Conc: 12.61 ng/ml



#21 AR-1248-1

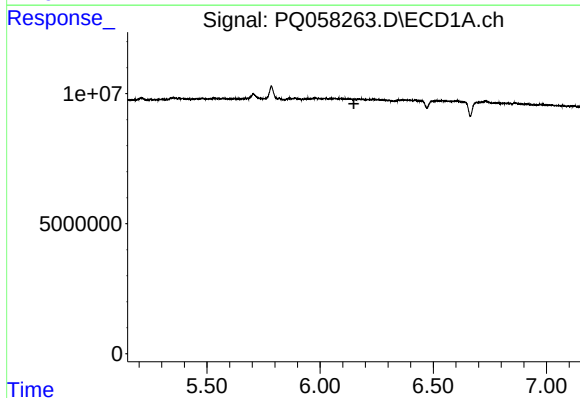
R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 231654
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



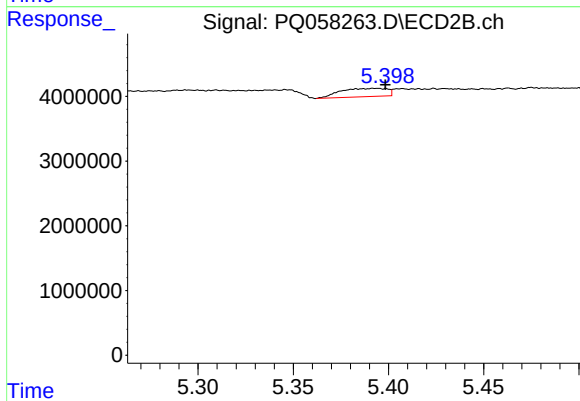
#21 AR-1248-1

R.T.: 5.194 min
Delta R.T.: 0.034 min
Response: 610825
Conc: 1.96 ng/ml



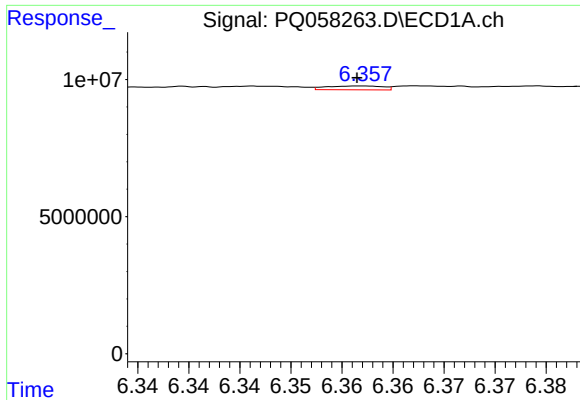
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.149 min
Response: 0
Conc: N.D.



#22 AR-1248-2

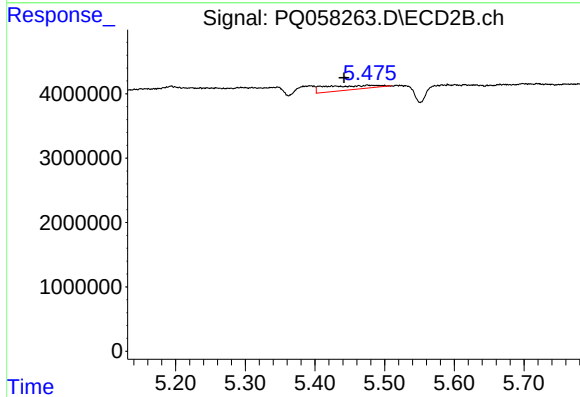
R.T.: 5.393 min
Delta R.T.: -0.005 min
Response: 2205293
Conc: 5.24 ng/ml



#23 AR-1248-3

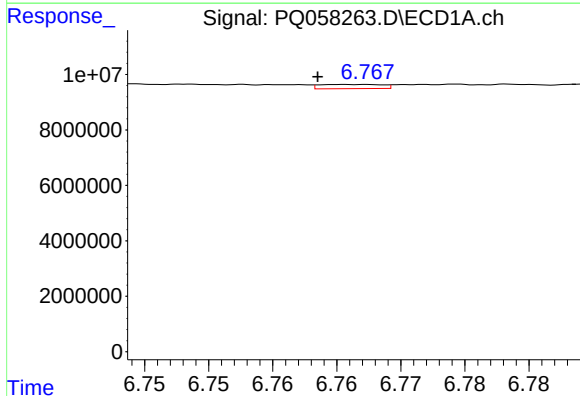
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 531891
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



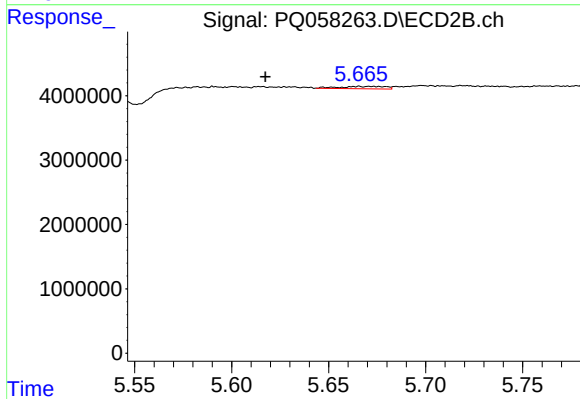
#23 AR-1248-3

R.T.: 5.475 min
Delta R.T.: 0.033 min
Response: 3422806
Conc: 7.78 ng/ml



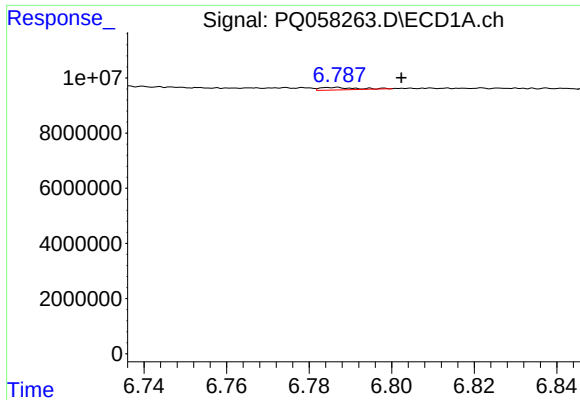
#24 AR-1248-4

R.T.: 6.766 min
Delta R.T.: 0.002 min
Response: 513834
Conc: 1.12 ng/ml



#24 AR-1248-4

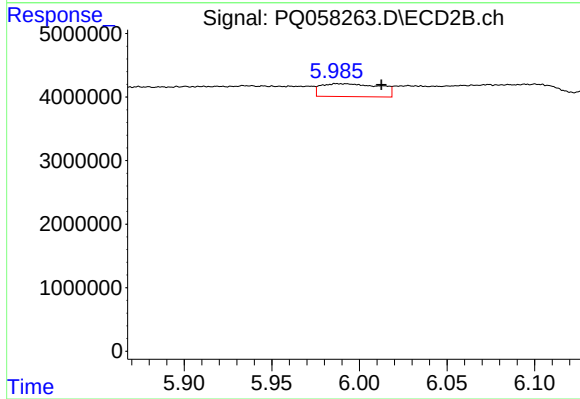
R.T.: 5.665 min
Delta R.T.: 0.048 min
Response: 601759
Conc: 1.14 ng/ml



#25 AR-1248-5

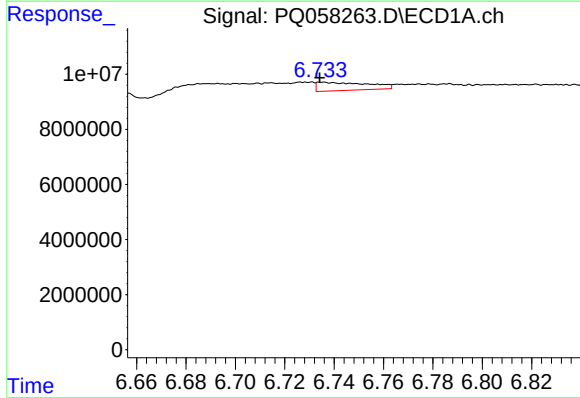
R.T.: 6.787 min
Delta R.T.: -0.016 min
Response: 569996
Conc: 1.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



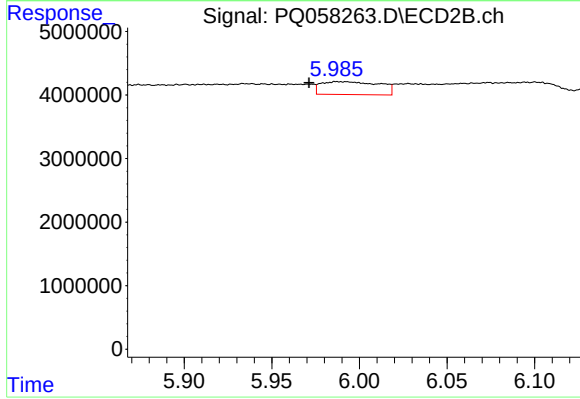
#25 AR-1248-5

R.T.: 5.987 min
Delta R.T.: -0.025 min
Response: 4715960
Conc: 8.98 ng/ml



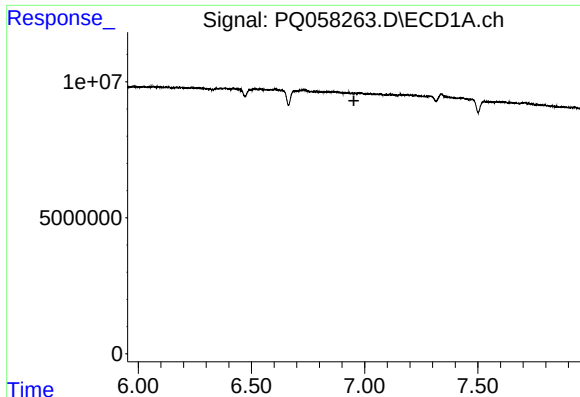
#26 AR-1254-1

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 4376451
Conc: 10.17 ng/ml



#26 AR-1254-1

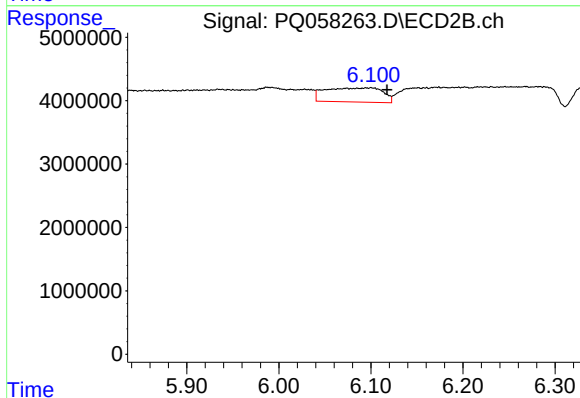
R.T.: 5.987 min
Delta R.T.: 0.016 min
Response: 4715960
Conc: 5.89 ng/ml



#27 AR-1254-2

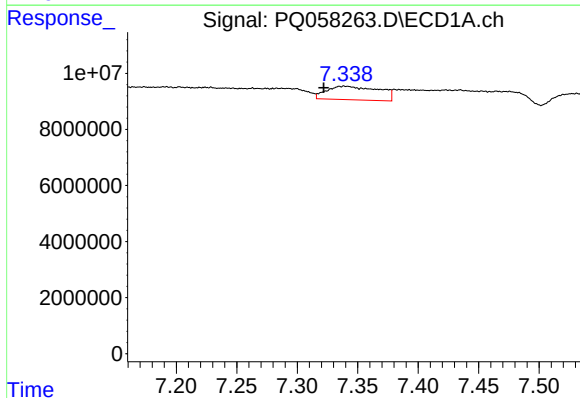
R.T.: 0.000 min
Exp R.T.: 6.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



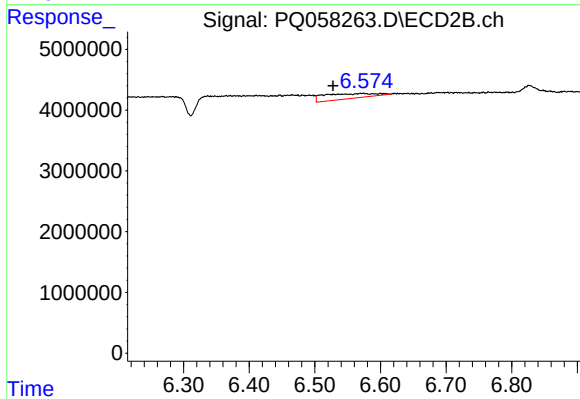
#27 AR-1254-2

R.T.: 6.100 min
Delta R.T.: -0.017 min
Response: 9605049
Conc: 13.86 ng/ml



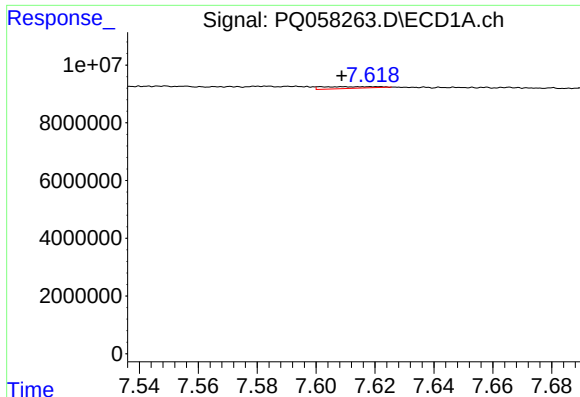
#28 AR-1254-3

R.T.: 7.339 min
Delta R.T.: 0.017 min
Response: 14619384
Conc: 17.72 ng/ml



#28 AR-1254-3

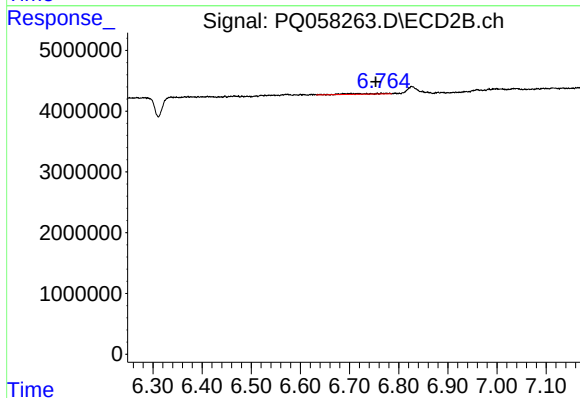
R.T.: 6.573 min
Delta R.T.: 0.045 min
Response: 4494592
Conc: 3.93 ng/ml



#29 AR-1254-4

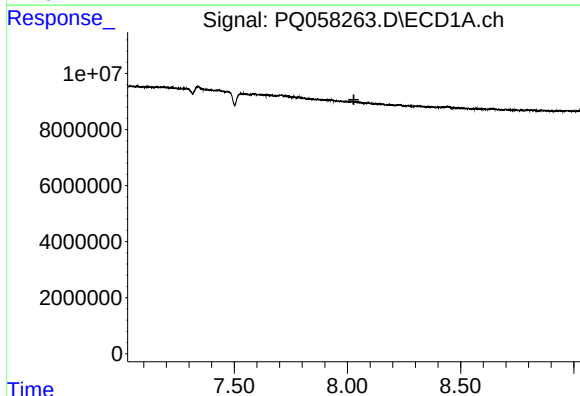
R.T.: 7.601 min
Delta R.T.: -0.007 min
Response: 775164
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



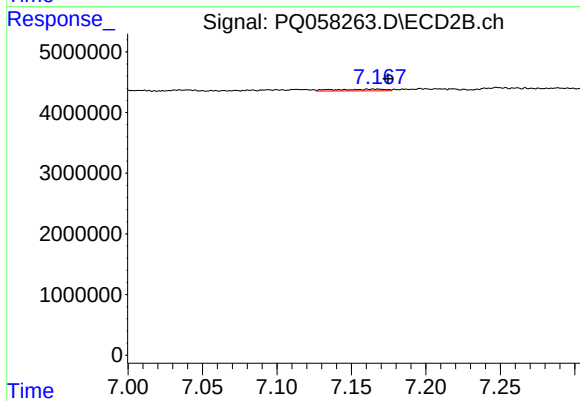
#29 AR-1254-4

R.T.: 6.757 min
Delta R.T.: 0.004 min
Response: 566299
Conc: 0.82 ng/ml



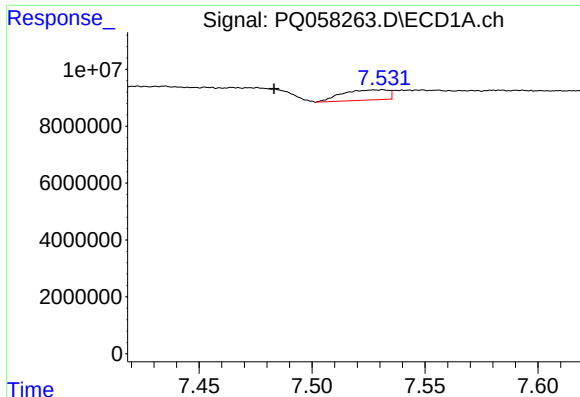
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.029 min
Response: 0
Conc: N.D.



#30 AR-1254-5

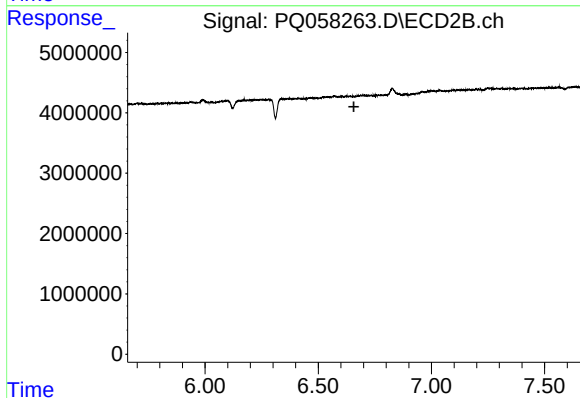
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 638988
Conc: 0.67 ng/ml



#31 AR-1260-1

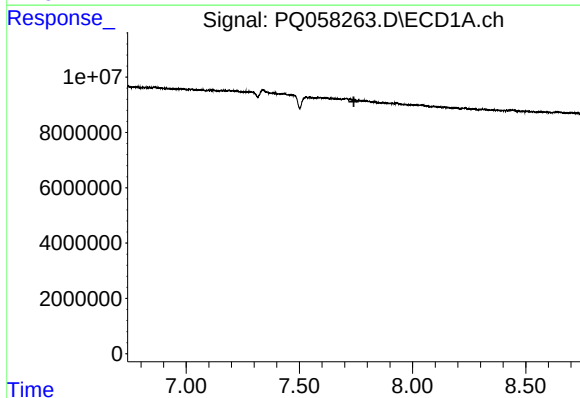
R.T.: 7.531 min
Delta R.T.: 0.048 min
Response: 5090837
Conc: 10.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



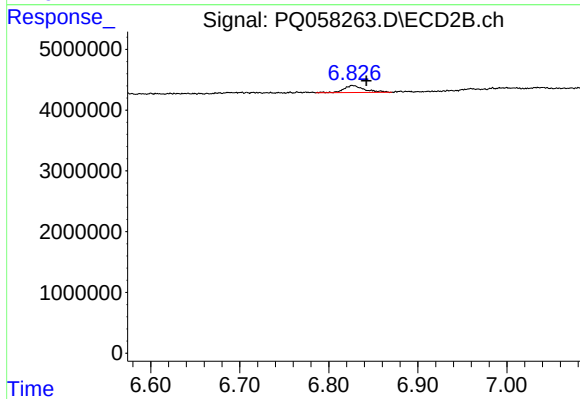
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.658 min
Response: 0
Conc: N.D.



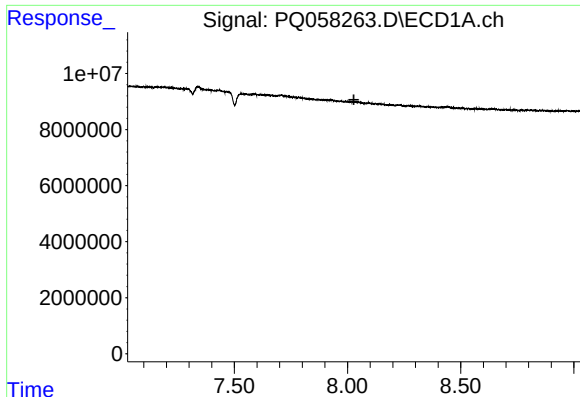
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.741 min
Response: 0
Conc: N.D.



#32 AR-1260-2

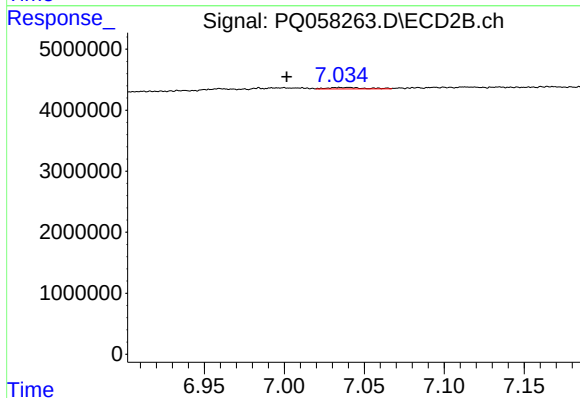
R.T.: 6.827 min
Delta R.T.: -0.015 min
Response: 1850458
Conc: 2.30 ng/ml



#33 AR-1260-3

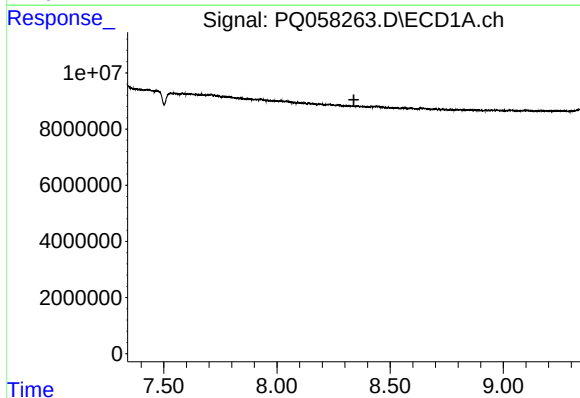
R.T.: 0.000 min
Exp R.T.: 8.028 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



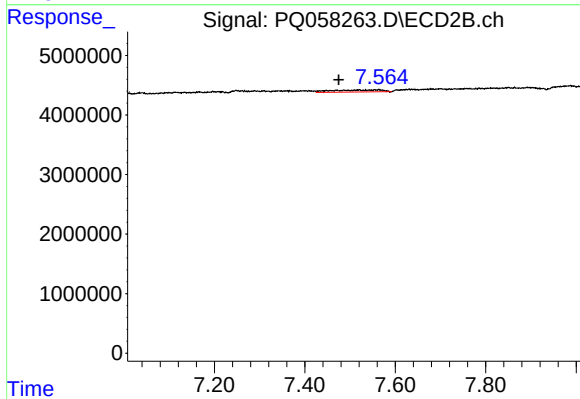
#33 AR-1260-3

R.T.: 7.039 min
Delta R.T.: 0.037 min
Response: 382319
Conc: 0.51 ng/ml



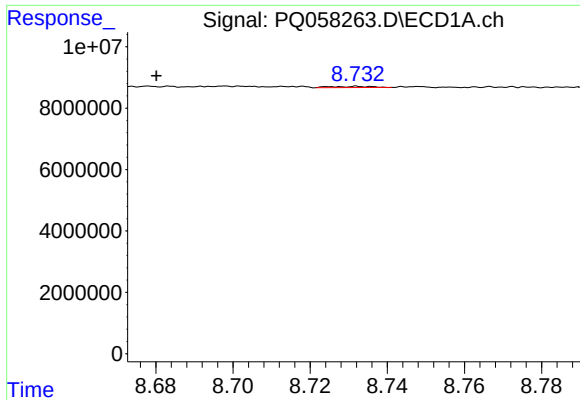
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.340 min
Response: 0
Conc: N.D.



#34 AR-1260-4

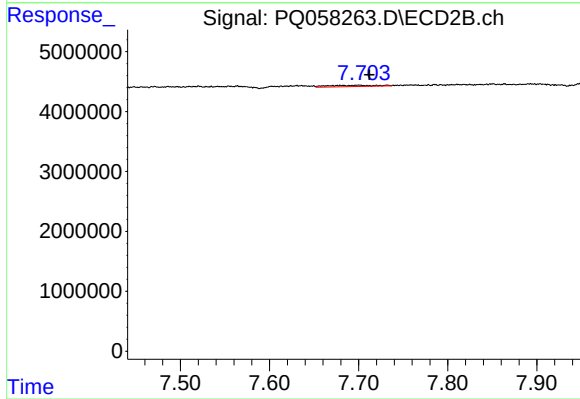
R.T.: 7.520 min
Delta R.T.: 0.045 min
Response: 2671894
Conc: 4.23 ng/ml



#35 AR-1260-5

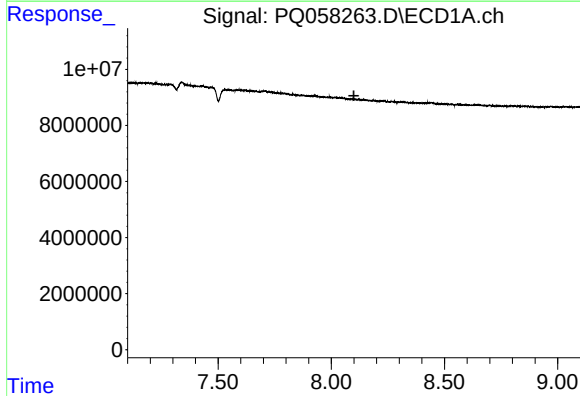
R.T.: 8.732 min
Delta R.T.: 0.052 min
Response: 296945
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



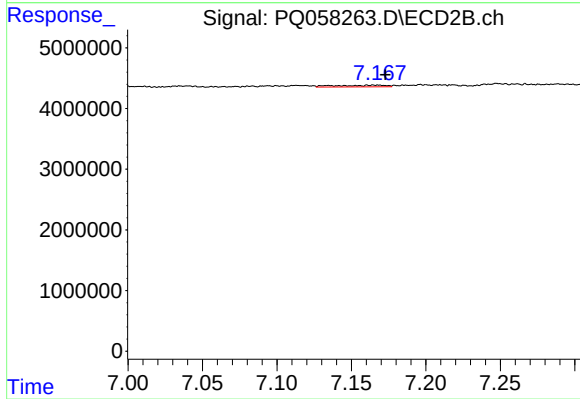
#35 AR-1260-5

R.T.: 7.700 min
Delta R.T.: -0.012 min
Response: 808844
Conc: 0.55 ng/ml



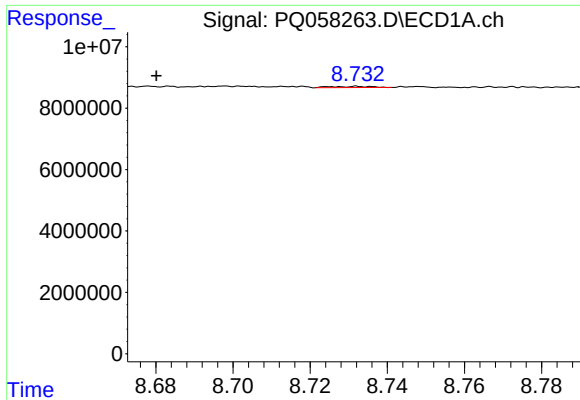
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#36 AR-1262-1

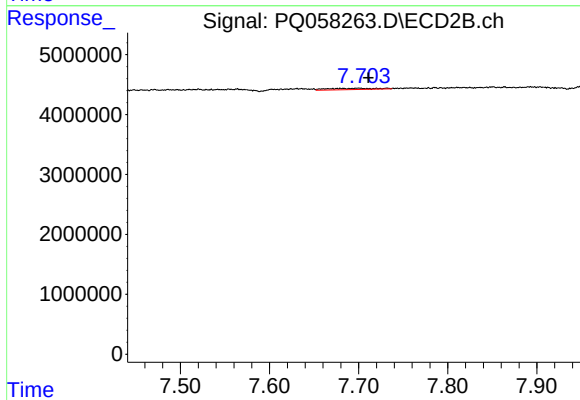
R.T.: 7.166 min
Delta R.T.: -0.007 min
Response: 638988
Conc: 1.25 ng/ml



#37 AR-1262-2

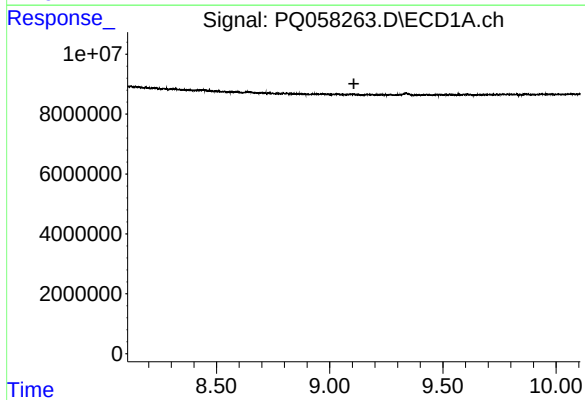
R.T.: 8.732 min
Delta R.T.: 0.052 min
Response: 296945
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



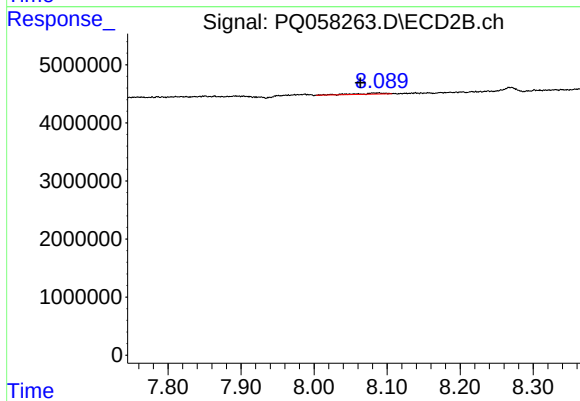
#37 AR-1262-2

R.T.: 7.700 min
Delta R.T.: -0.011 min
Response: 808844
Conc: 0.46 ng/ml



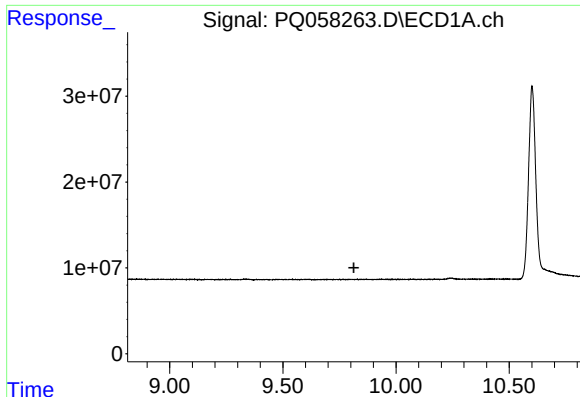
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.107 min
Response: 0
Conc: N.D.



#39 AR-1262-4

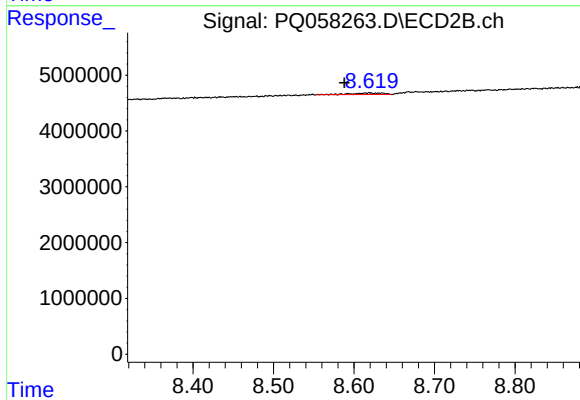
R.T.: 8.087 min
Delta R.T.: 0.024 min
Response: 542166
Conc: 0.43 ng/ml



#40 AR-1262-5

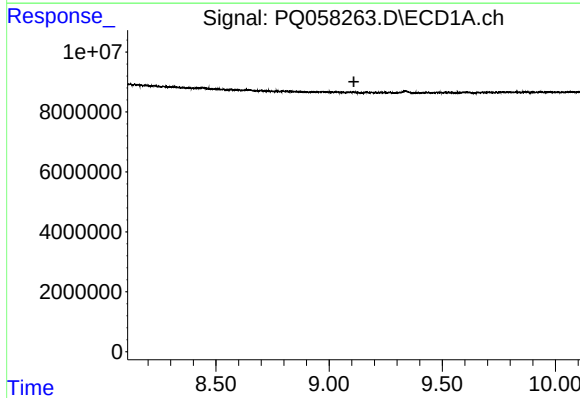
R.T.: 0.000 min
Exp R.T.: 9.814 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



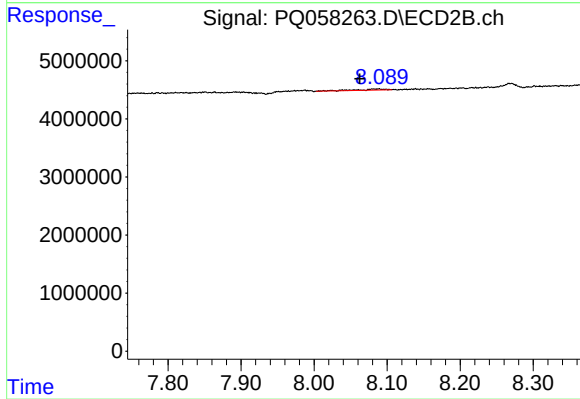
#40 AR-1262-5

R.T.: 8.620 min
Delta R.T.: 0.031 min
Response: 813826
Conc: 1.54 ng/ml



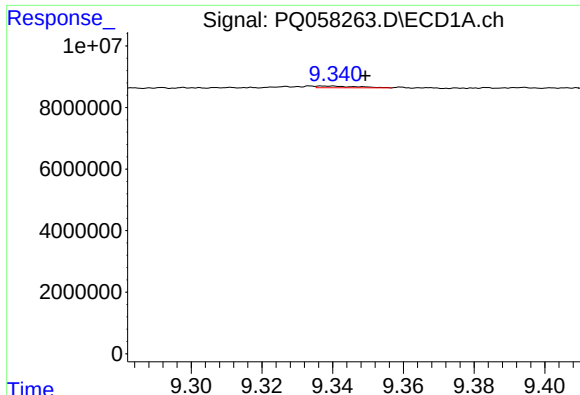
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.109 min
Response: 0
Conc: N.D.



#42 AR-1268-2

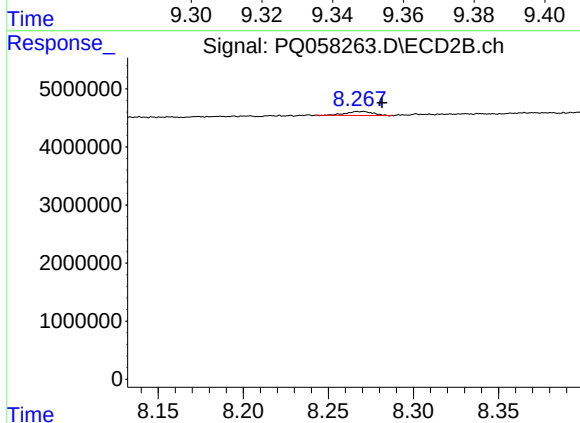
R.T.: 8.087 min
Delta R.T.: 0.025 min
Response: 542166
Conc: 0.30 ng/ml



#43 AR-1268-3

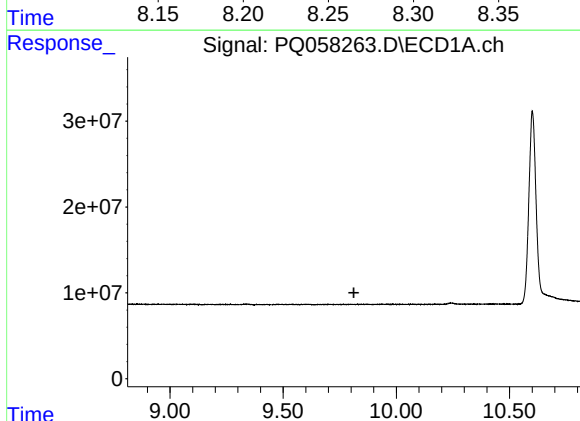
R.T.: 9.340 min
Delta R.T.: -0.009 min
Response: 438957
Conc: 0.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



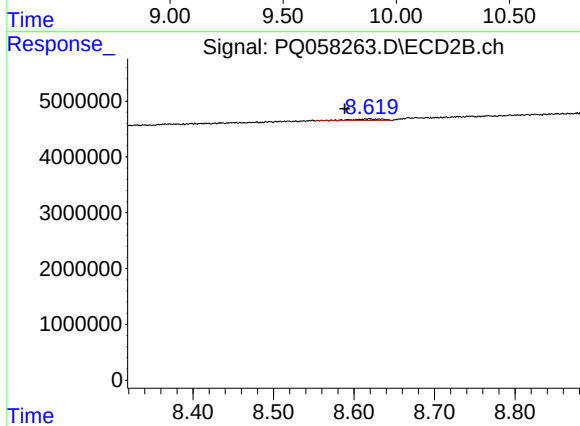
#43 AR-1268-3

R.T.: 8.269 min
Delta R.T.: -0.013 min
Response: 752426
Conc: 0.48 ng/ml



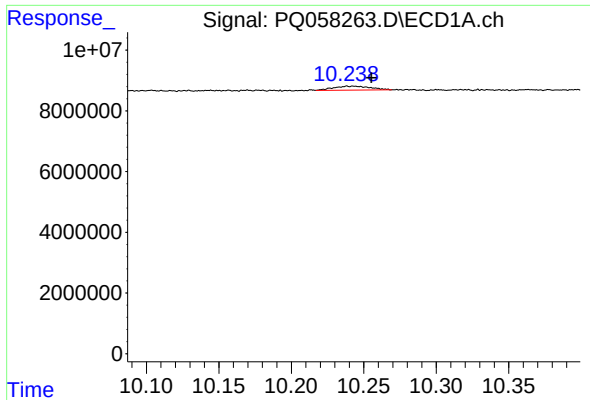
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.813 min
Response: 0
Conc: N.D.



#44 AR-1268-4

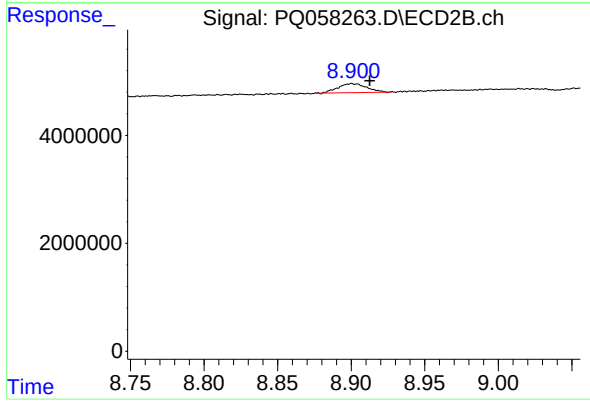
R.T.: 8.620 min
Delta R.T.: 0.031 min
Response: 813826
Conc: 1.37 ng/ml



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: -0.017 min
Response: 2301729
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.901 min
Delta R.T.: -0.012 min
Response: 2265119
Conc: 0.51 ng/ml