

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061923\
 Data File : PQ061499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 13:09
 Operator : YP\AJ
 Sample : 03278-02RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 15:20:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.406	2.761	82249411	57826256	18.298	21.655
2) SA Decachlor...	8.585	7.533	21174359	19278167	6.286	5.744
Target Compounds						
3) L1 AR-1016-1	4.469f	3.764	-34699	371324	N.D.	3.600 #
4) L1 AR-1016-2	0.000	3.764	0	371324	N.D.	2.492 #
5) L1 AR-1016-3	0.000	3.944	0	125650	N.D.	1.590 #
6) L1 AR-1016-4	4.693	3.995	1038190	2520318	9.017	35.494 #
7) L1 AR-1016-5	0.000	4.176	0	1765023	N.D.	20.616 #
8) L2 AR-1221-1	3.589	2.965	719219	43449	12.818	1.220 #
9) L2 AR-1221-2	3.682	3.028	981080	904292	23.248	32.833 #
10) L2 AR-1221-3	3.770	3.104	211493	13398	1.613	0.158 #
11) L3 AR-1232-1	3.770	3.104	211493	13398	2.213	0.218 #
12) L3 AR-1232-2	0.000	3.764	0	371324	N.D.	5.389 #
13) L3 AR-1232-3	0.000	3.944	0	125650	N.D.	3.475 #
14) L3 AR-1232-4	4.693	3.995f	1038190	2520318	19.567	78.196 #
15) L3 AR-1232-5	0.000	4.176	0	1765023	N.D.	46.055 #
16) L4 AR-1242-1	4.469f	3.764	-34699	371324	N.D.	4.848 #
17) L4 AR-1242-2	0.000	3.764	0	371324	N.D.	3.351 #
18) L4 AR-1242-3	0.000	3.944	0	125650	N.D.	2.123 #
19) L4 AR-1242-4	4.693	3.995f	1038190	2520318	11.962	42.086 #
20) L4 AR-1242-5	0.000	4.542	0	7357285	N.D.	91.886 #
21) L5 AR-1248-1	4.469f	3.764	-34699	371324	N.D.	5.966 #
22) L5 AR-1248-2	0.000	3.995	0	2520318	N.D.	26.075 #
23) L5 AR-1248-3	0.000	3.995f	0	2520318	N.D.	27.571 #
24) L5 AR-1248-4	5.328f	4.176	1618252	1765023	9.533	15.588 #
25) L5 AR-1248-5	0.000	4.567	0	860712	N.D.	7.815 #
26) L6 AR-1254-1	5.328	4.497	1618252	3789632	9.474	23.045 #
27) L6 AR-1254-2	5.563	4.674	3912450	1935698	14.632	12.870
28) L6 AR-1254-3	5.877	5.059	2436157	3942599	8.718	16.943 #
29) L6 AR-1254-4	6.194	5.270	2220517	469616	10.848	3.269 #
30) L6 AR-1254-5	6.621f	0.000	574704	0	2.436	N.D. #
31) L7 AR-1260-1	6.063	5.178	326447	43593	1.469	0.253 #
32) L7 AR-1260-2	6.305	5.371	8264468	1604059	31.064	7.740 #
33) L7 AR-1260-3	6.632f	5.500	988757	1253498	5.880	6.311
34) L7 AR-1260-4	6.916	5.985	326761	3336546	1.628	22.681 #
35) L7 AR-1260-5	7.185	0.000	75624	0	0.199	N.D. #
36) L8 AR-1262-1	6.632f	0.000	988757	0	3.302	N.D. #
37) L8 AR-1262-2	7.185	0.000	75624	0	0.150	N.D. #
38) L8 AR-1262-3	7.471	6.506	617558	710115	1.827	3.940 #
39) L8 AR-1262-4	7.547	6.543	595875	781182	2.320	2.356
40) L8 AR-1262-5	8.049	0.000	233553	0	1.371	N.D. #
41) L9 AR-1268-1	7.471	6.506	617558	710115	1.121	1.445 #

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 Operator : YP\AJ
 Sample : 03278-02RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 15:20:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

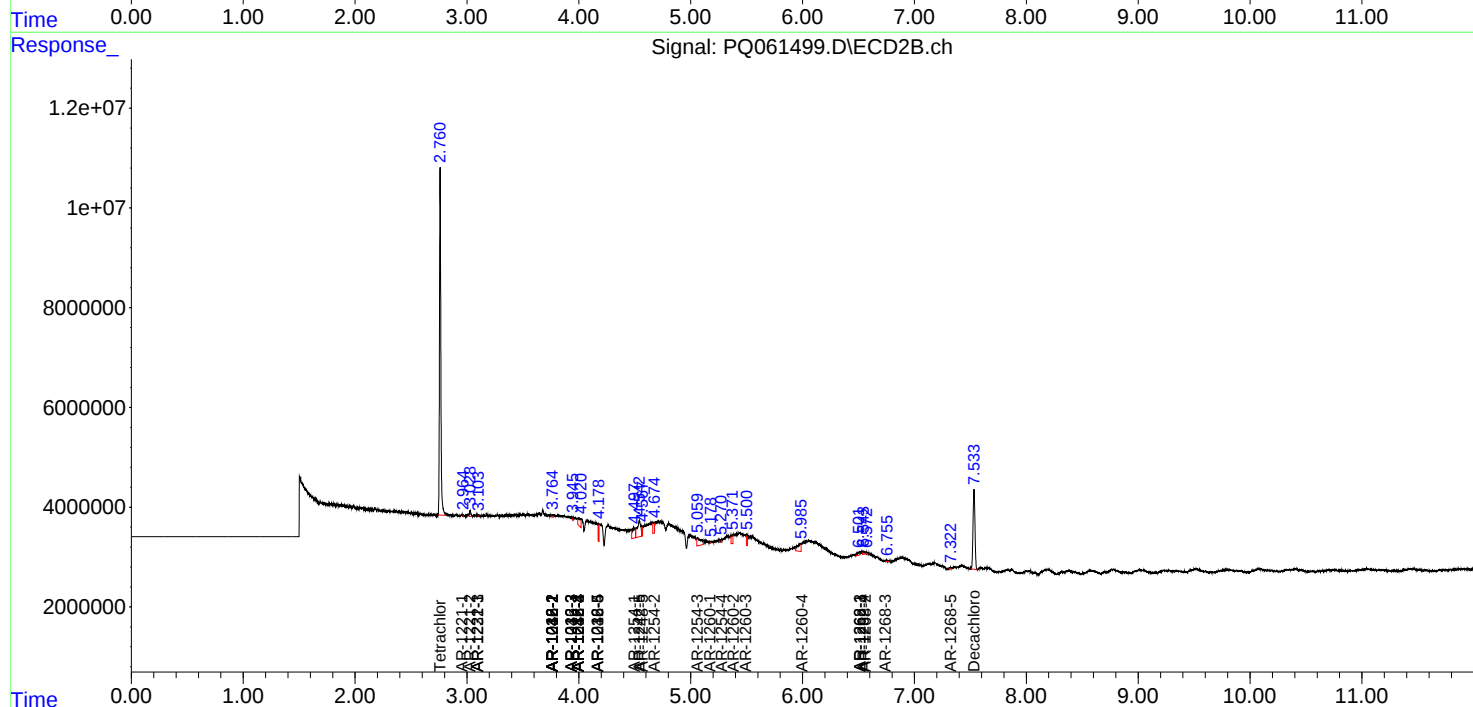
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

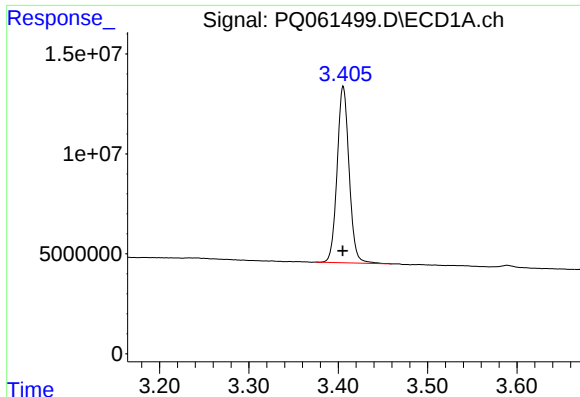
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.547	6.571	595875	82571	1.209	0.186 #
43) L9	AR-1268-3	7.742	6.750	1549384	238548	3.757	0.609 #
44) L9	AR-1268-4	8.049	0.000	233553	0	1.319	N.D. #
45) L9	AR-1268-5	8.320f	7.323	885034	179430	0.745	0.145 #

(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

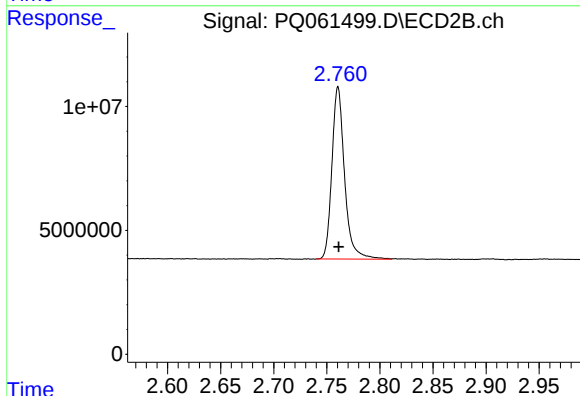




#1 Tetrachloro-m-xylene

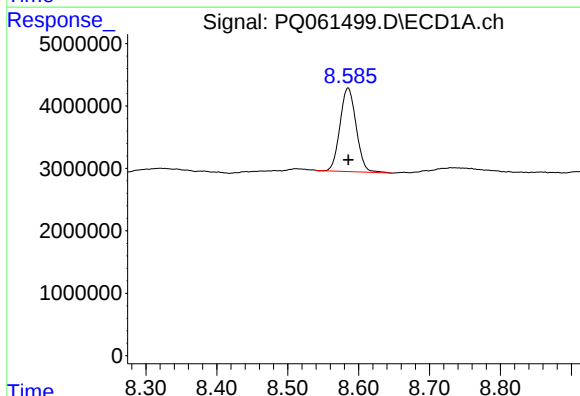
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 82249411
Conc: 18.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



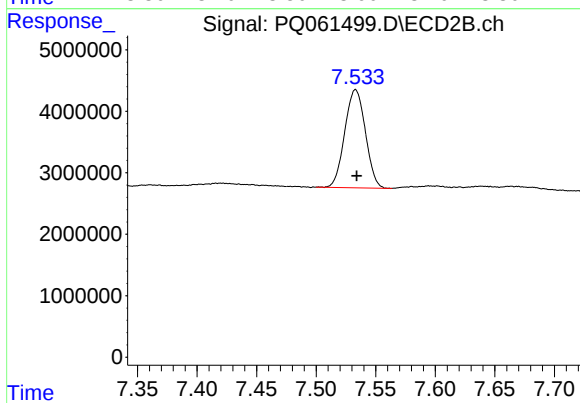
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 57826256
Conc: 21.65 ng/ml



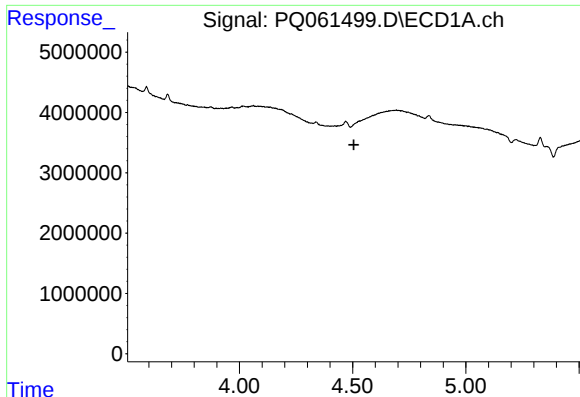
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 21174359
Conc: 6.29 ng/ml



#2 Decachlorobiphenyl

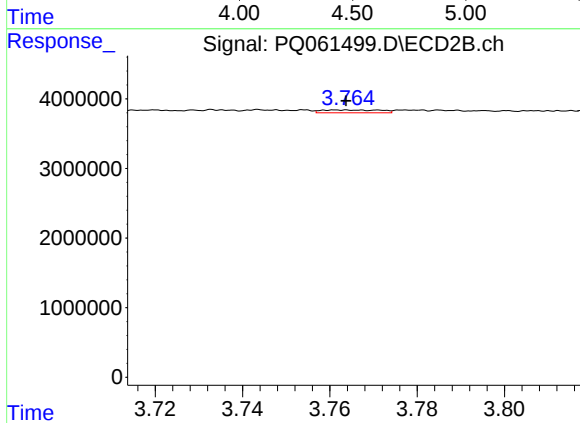
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 19278167
Conc: 5.74 ng/ml



#3 AR-1016-1

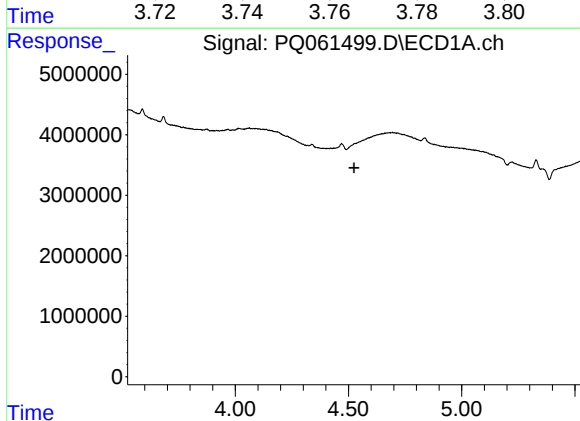
R.T.: 4.469 min
Delta R.T.: -0.036 min
Response: -34699
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



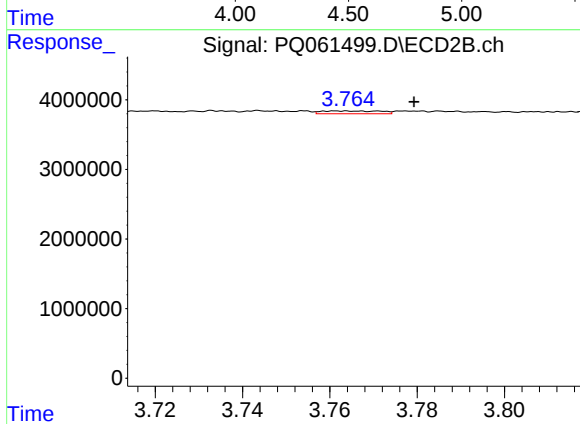
#3 AR-1016-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 371324
Conc: 3.60 ng/ml



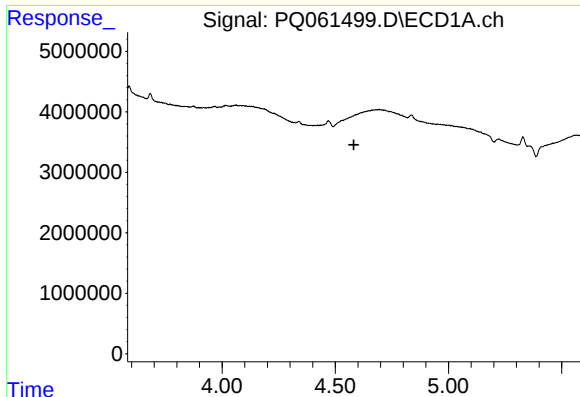
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.524 min
Response: 0
Conc: N.D.



#4 AR-1016-2

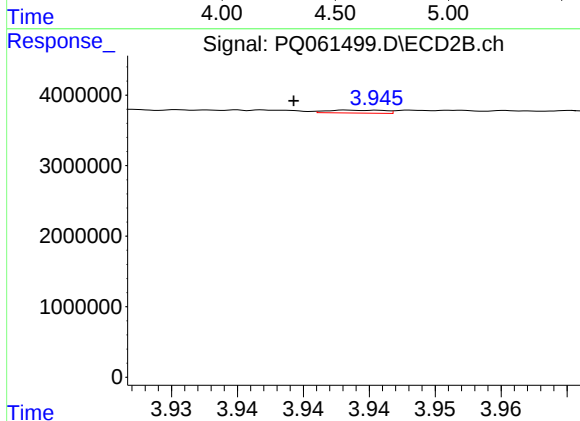
R.T.: 3.764 min
Delta R.T.: -0.015 min
Response: 371324
Conc: 2.49 ng/ml



#5 AR-1016-3

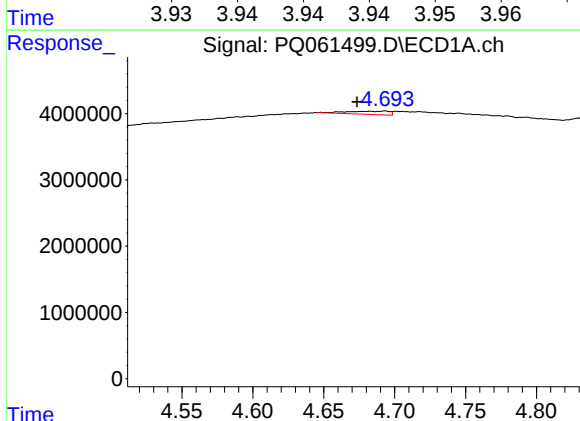
R.T.: 0.000 min
Exp R.T.: 4.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



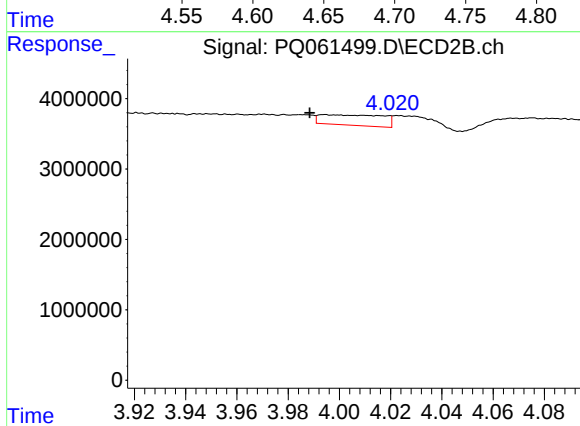
#5 AR-1016-3

R.T.: 3.944 min
Delta R.T.: 0.004 min
Response: 125650
Conc: 1.59 ng/ml



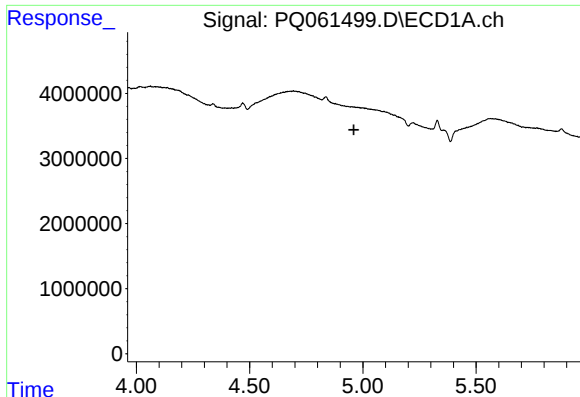
#6 AR-1016-4

R.T.: 4.693 min
Delta R.T.: 0.020 min
Response: 1038190
Conc: 9.02 ng/ml



#6 AR-1016-4

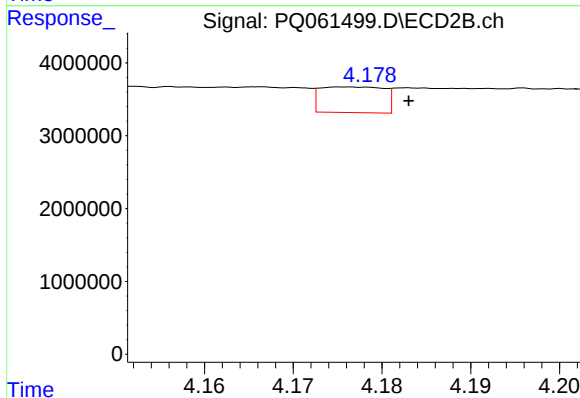
R.T.: 3.995 min
Delta R.T.: 0.006 min
Response: 2520318
Conc: 35.49 ng/ml



#7 AR-1016-5

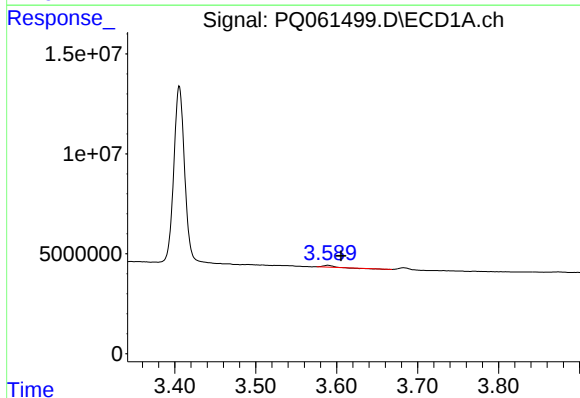
R.T.: 0.000 min
Exp R.T.: 4.961 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



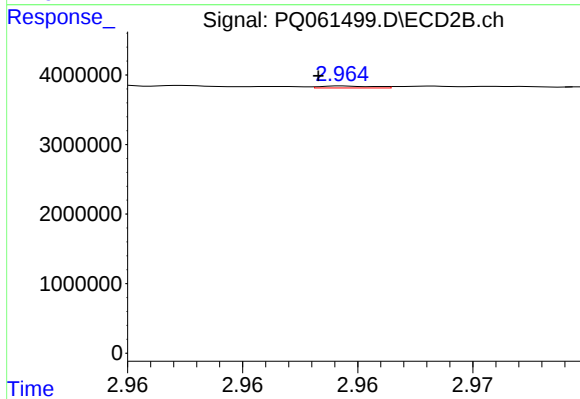
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.007 min
Response: 1765023
Conc: 20.62 ng/ml



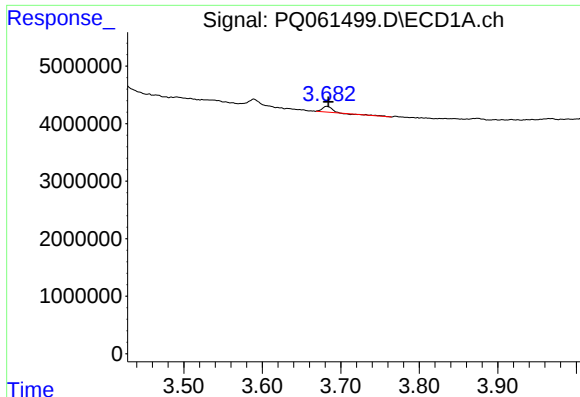
#8 AR-1221-1

R.T.: 3.589 min
Delta R.T.: -0.016 min
Response: 719219
Conc: 12.82 ng/ml



#8 AR-1221-1

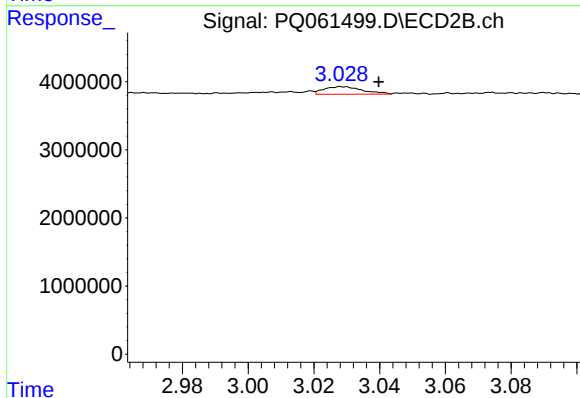
R.T.: 2.965 min
Delta R.T.: 0.001 min
Response: 43449
Conc: 1.22 ng/ml



#9 AR-1221-2

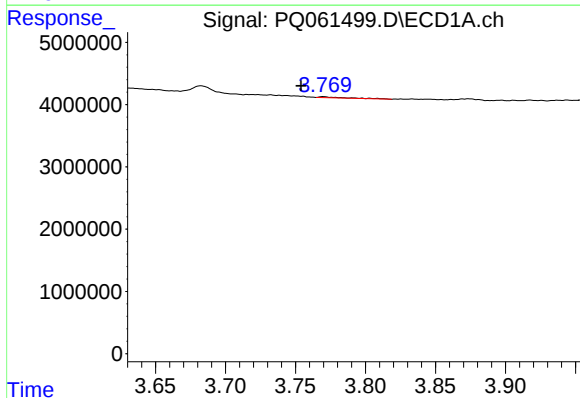
R.T.: 3.682 min
Delta R.T.: -0.002 min
Response: 981080
Conc: 23.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



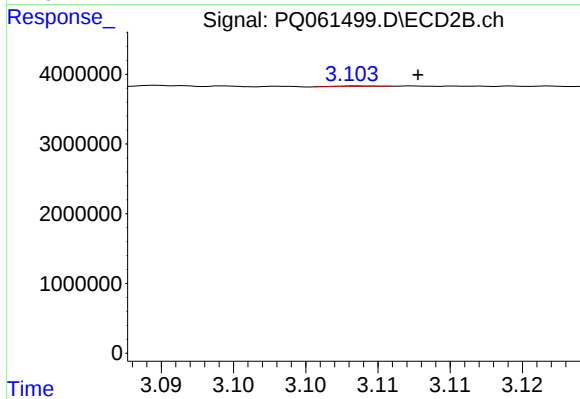
#9 AR-1221-2

R.T.: 3.028 min
Delta R.T.: -0.012 min
Response: 904292
Conc: 32.83 ng/ml



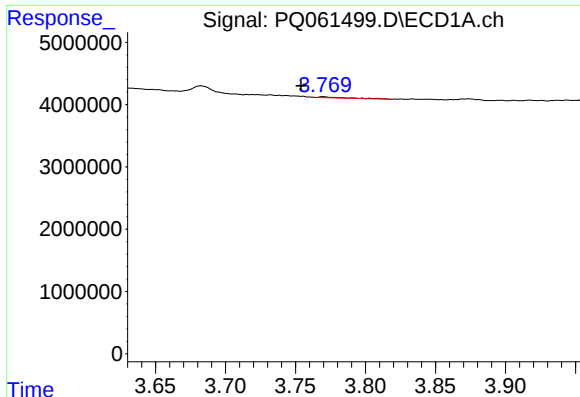
#10 AR-1221-3

R.T.: 3.770 min
Delta R.T.: 0.016 min
Response: 211493
Conc: 1.61 ng/ml



#10 AR-1221-3

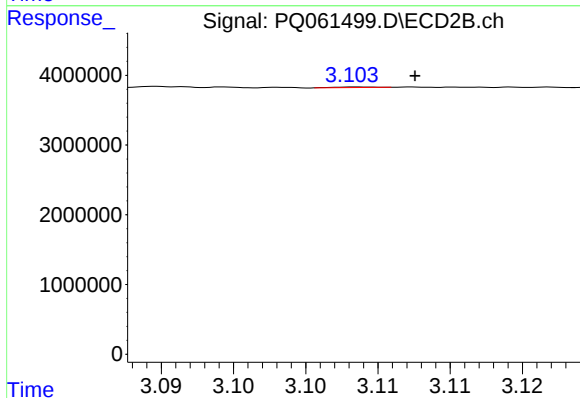
R.T.: 3.104 min
Delta R.T.: -0.004 min
Response: 13398
Conc: 0.16 ng/ml



#11 AR-1232-1

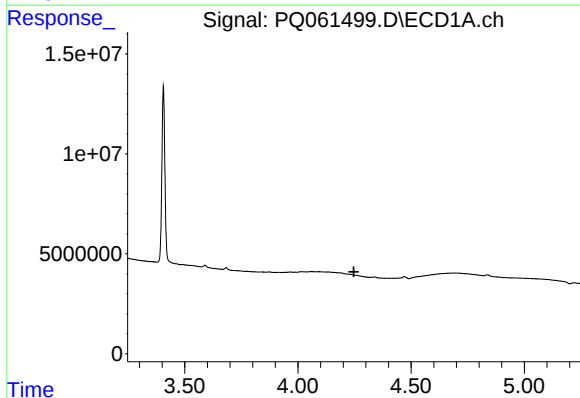
R.T.: 3.770 min
Delta R.T.: 0.016 min
Response: 211493
Conc: 2.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



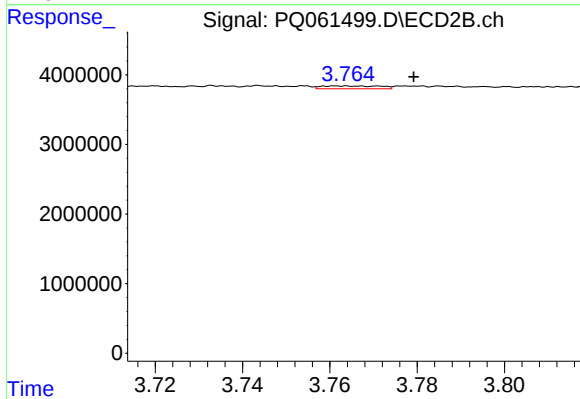
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: -0.004 min
Response: 13398
Conc: 0.22 ng/ml



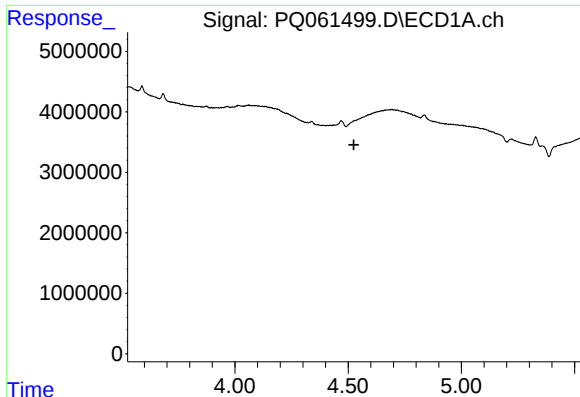
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.247 min
Response: 0
Conc: N.D.



#12 AR-1232-2

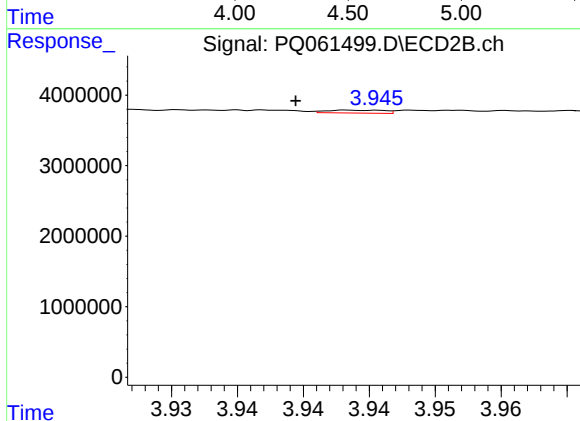
R.T.: 3.764 min
Delta R.T.: -0.015 min
Response: 371324
Conc: 5.39 ng/ml



#13 AR-1232-3

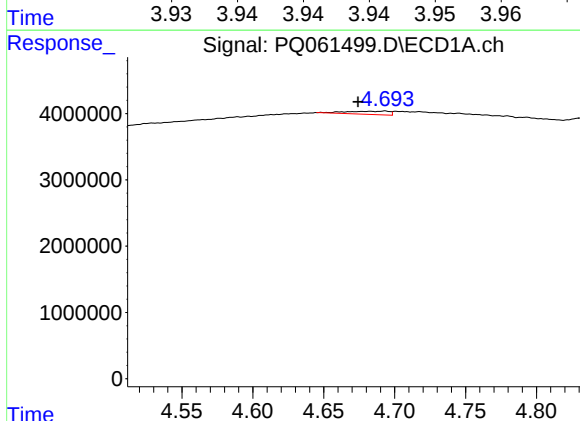
R.T.: 0.000 min
Exp R.T.: 4.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



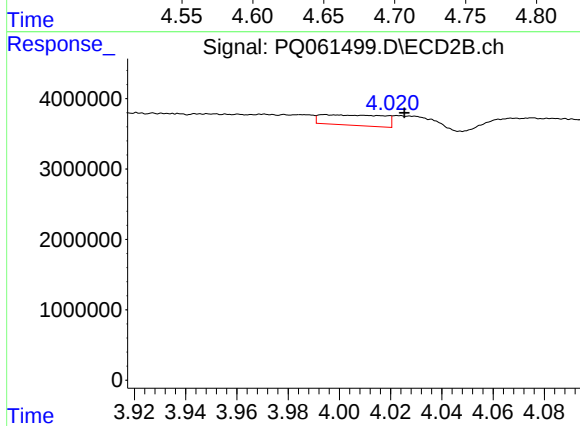
#13 AR-1232-3

R.T.: 3.944 min
Delta R.T.: 0.004 min
Response: 125650
Conc: 3.47 ng/ml



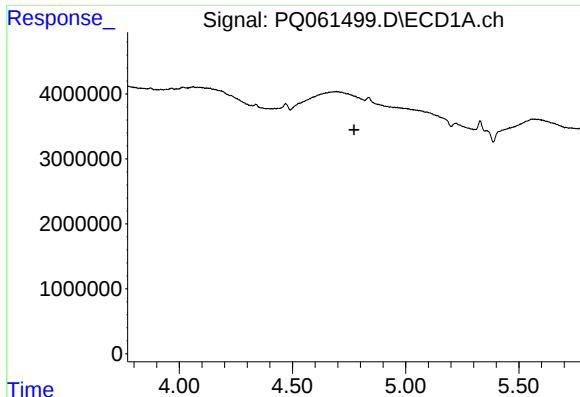
#14 AR-1232-4

R.T.: 4.693 min
Delta R.T.: 0.019 min
Response: 1038190
Conc: 19.57 ng/ml



#14 AR-1232-4

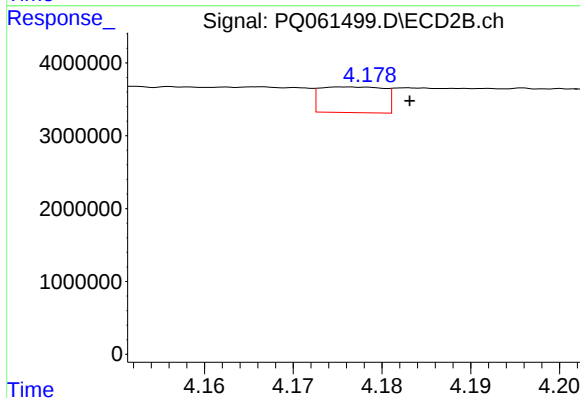
R.T.: 3.995 min
Delta R.T.: -0.031 min
Response: 2520318
Conc: 78.20 ng/ml



#15 AR-1232-5

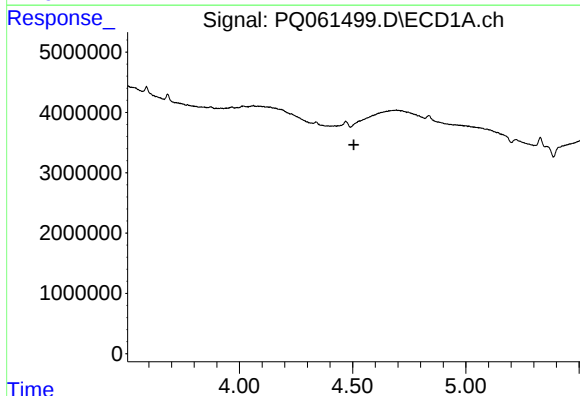
R.T.: 0.000 min
Exp R.T.: 4.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



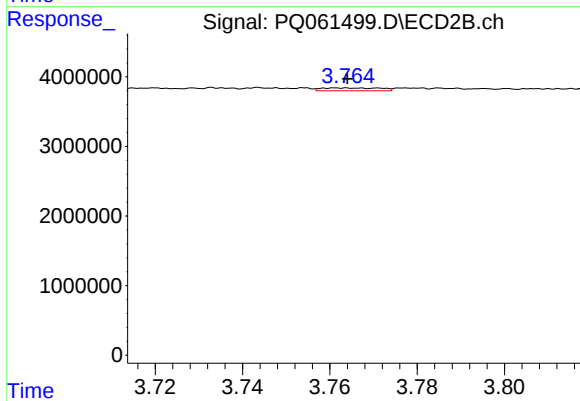
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.007 min
Response: 1765023
Conc: 46.05 ng/ml



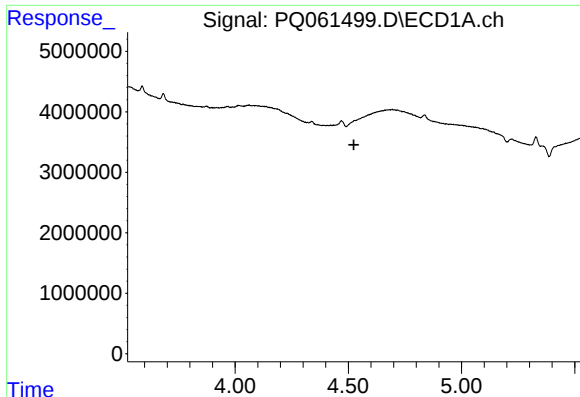
#16 AR-1242-1

R.T.: 4.469 min
Delta R.T.: -0.036 min
Response: -34699
Conc: N.D.



#16 AR-1242-1

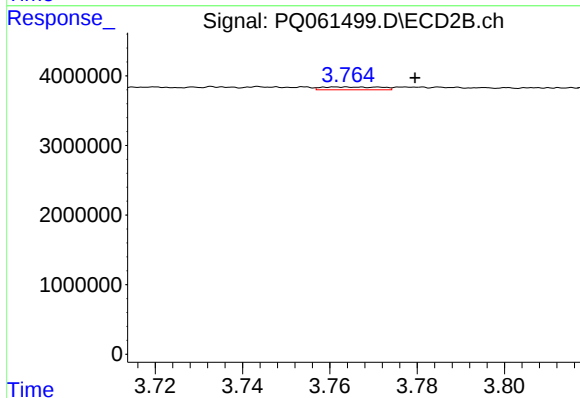
R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 371324
Conc: 4.85 ng/ml



#17 AR-1242-2

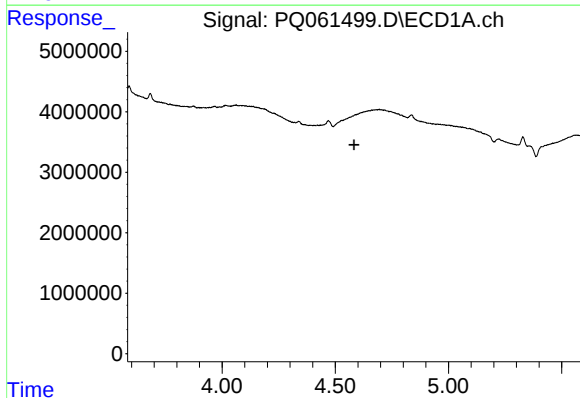
R.T.: 0.000 min
Exp R.T.: 4.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



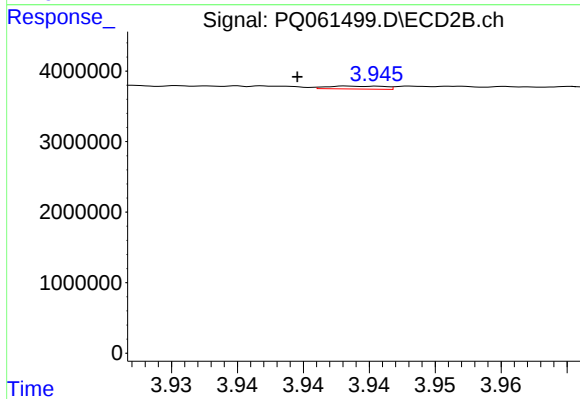
#17 AR-1242-2

R.T.: 3.764 min
Delta R.T.: -0.016 min
Response: 371324
Conc: 3.35 ng/ml



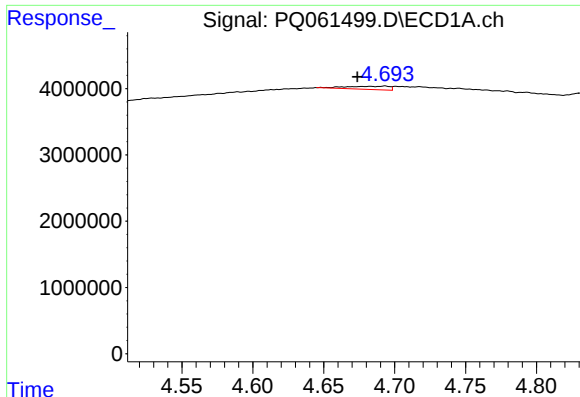
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 4.582 min
Response: 0
Conc: N.D.



#18 AR-1242-3

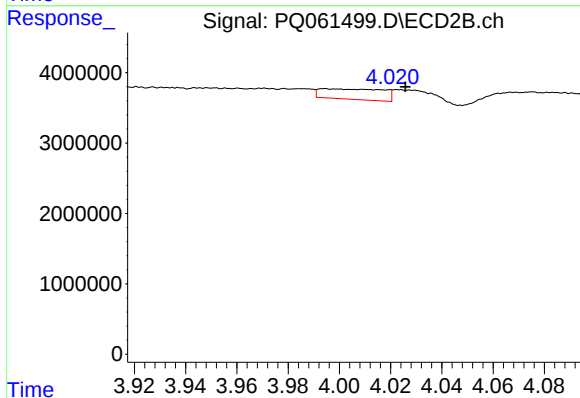
R.T.: 3.944 min
Delta R.T.: 0.004 min
Response: 125650
Conc: 2.12 ng/ml



#19 AR-1242-4

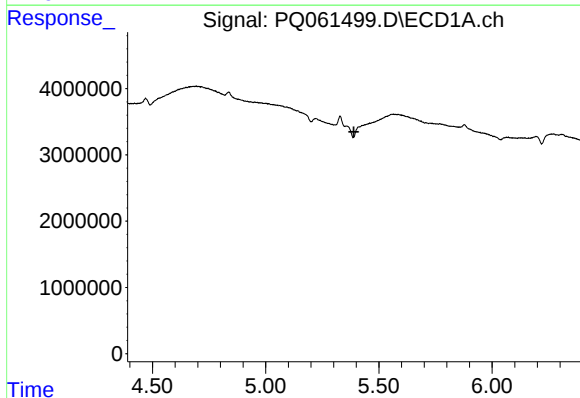
R.T.: 4.693 min
Delta R.T.: 0.019 min
Response: 1038190
Conc: 11.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



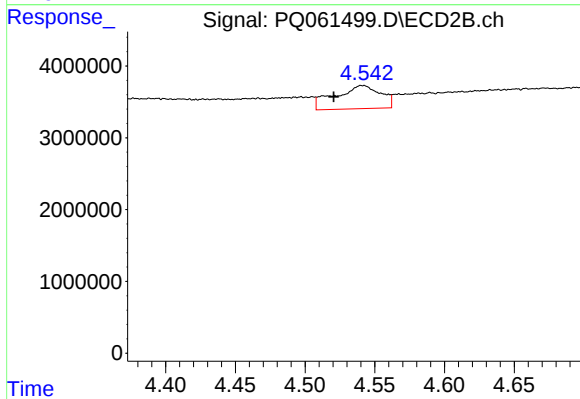
#19 AR-1242-4

R.T.: 3.995 min
Delta R.T.: -0.031 min
Response: 2520318
Conc: 42.09 ng/ml



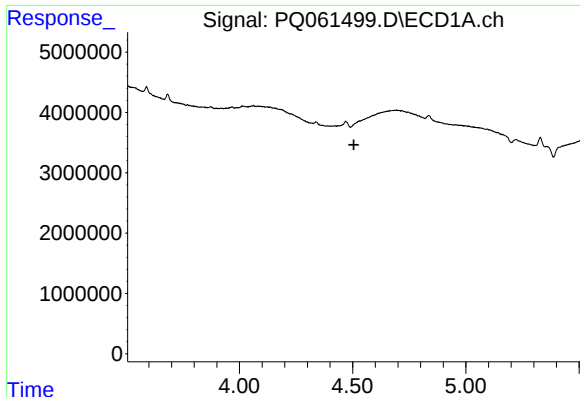
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.390 min
Response: 0
Conc: N.D.



#20 AR-1242-5

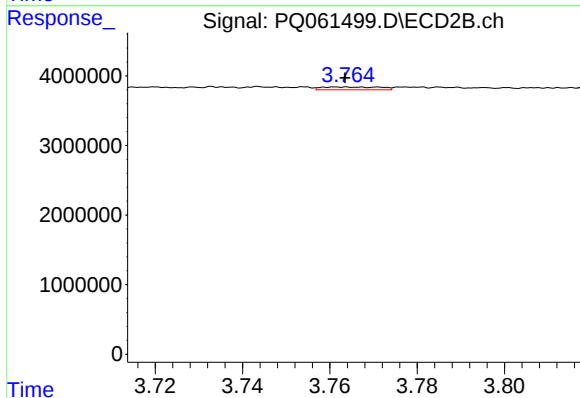
R.T.: 4.542 min
Delta R.T.: 0.022 min
Response: 7357285
Conc: 91.89 ng/ml



#21 AR-1248-1

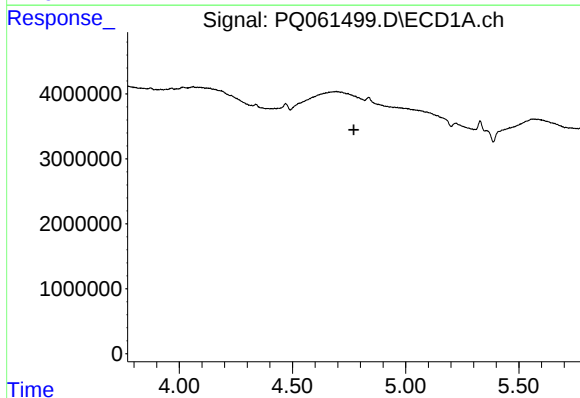
R.T.: 4.469 min
Delta R.T.: -0.036 min
Response: -34699
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



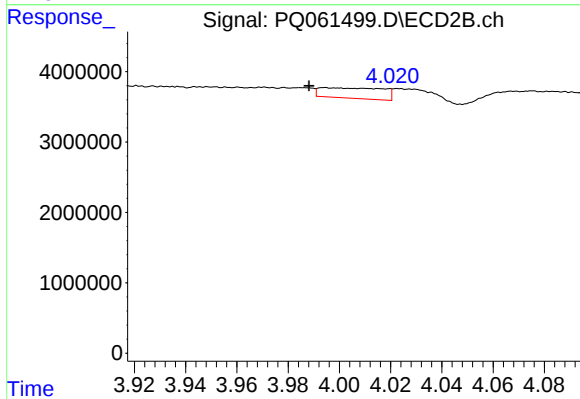
#21 AR-1248-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 371324
Conc: 5.97 ng/ml



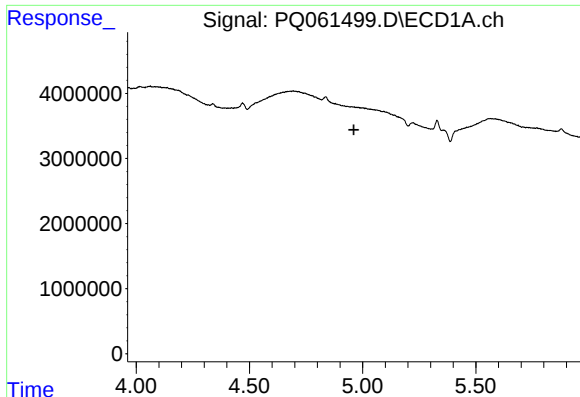
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.771 min
Response: 0
Conc: N.D.



#22 AR-1248-2

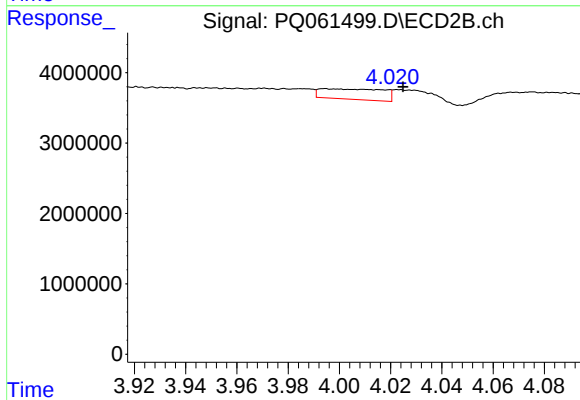
R.T.: 3.995 min
Delta R.T.: 0.006 min
Response: 2520318
Conc: 26.08 ng/ml



#23 AR-1248-3

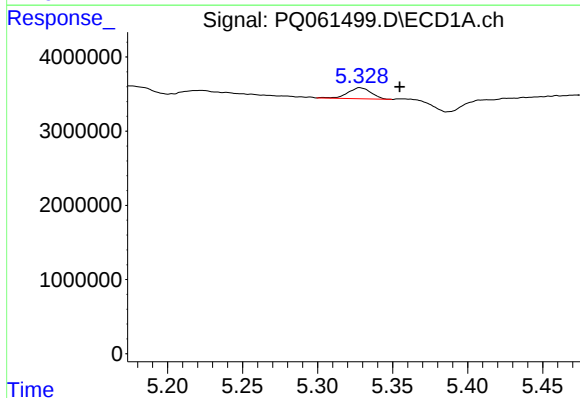
R.T.: 0.000 min
Exp R.T.: 4.961 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



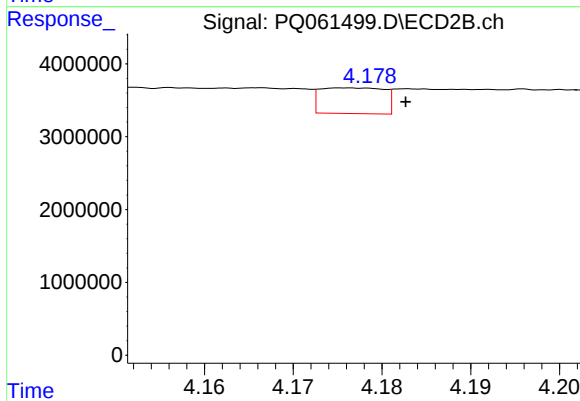
#23 AR-1248-3

R.T.: 3.995 min
Delta R.T.: -0.030 min
Response: 2520318
Conc: 27.57 ng/ml



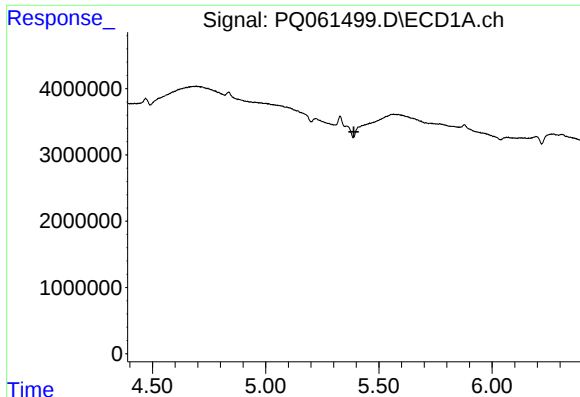
#24 AR-1248-4

R.T.: 5.328 min
Delta R.T.: -0.026 min
Response: 1618252
Conc: 9.53 ng/ml



#24 AR-1248-4

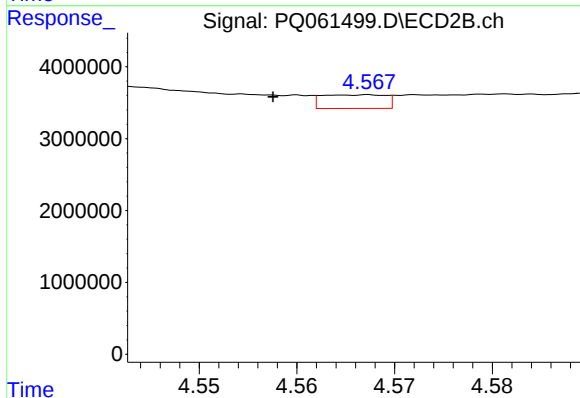
R.T.: 4.176 min
Delta R.T.: -0.007 min
Response: 1765023
Conc: 15.59 ng/ml



#25 AR-1248-5

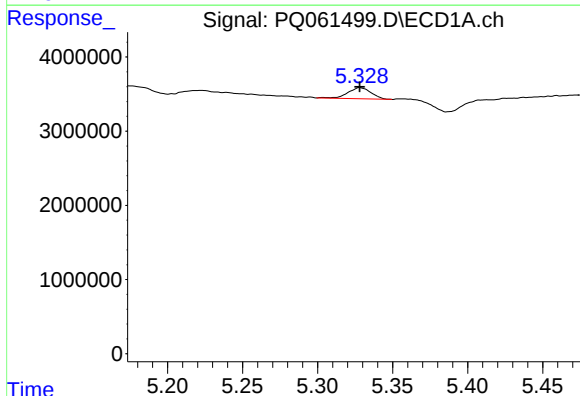
R.T.: 0.000 min
Exp R.T.: 5.389 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



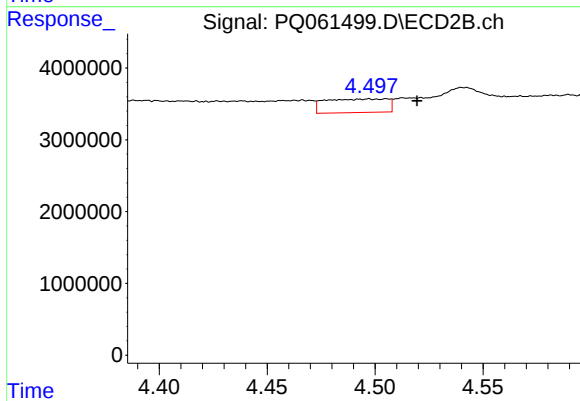
#25 AR-1248-5

R.T.: 4.567 min
Delta R.T.: 0.010 min
Response: 860712
Conc: 7.82 ng/ml



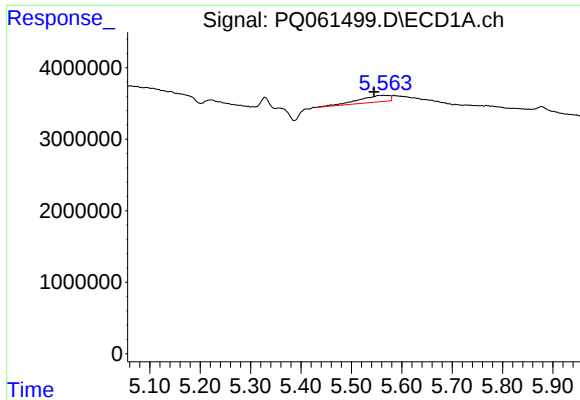
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 1618252
Conc: 9.47 ng/ml



#26 AR-1254-1

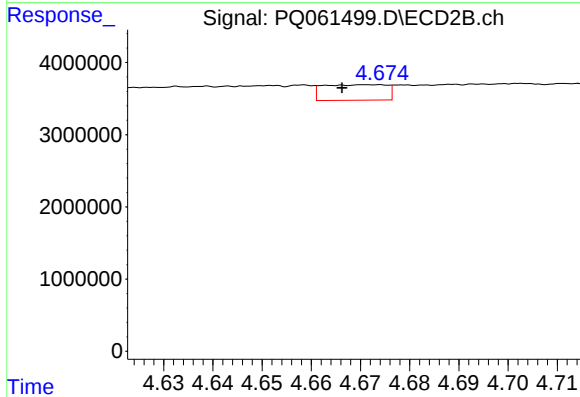
R.T.: 4.497 min
Delta R.T.: -0.022 min
Response: 3789632
Conc: 23.04 ng/ml



#27 AR-1254-2

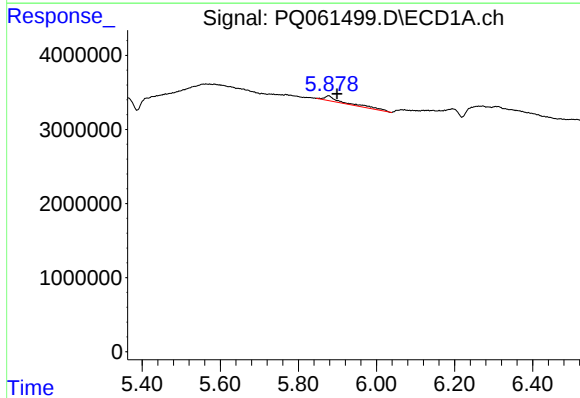
R.T.: 5.563 min
Delta R.T.: 0.018 min
Response: 3912450
Conc: 14.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



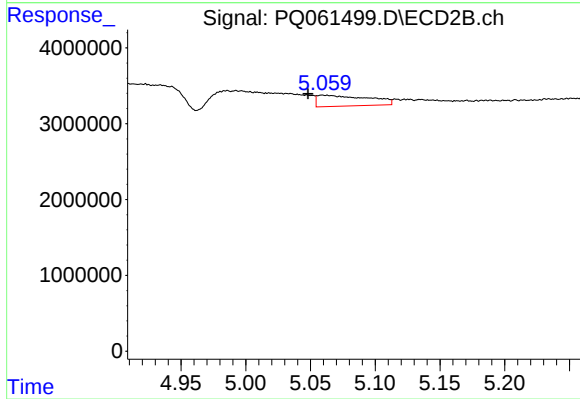
#27 AR-1254-2

R.T.: 4.674 min
Delta R.T.: 0.007 min
Response: 1935698
Conc: 12.87 ng/ml



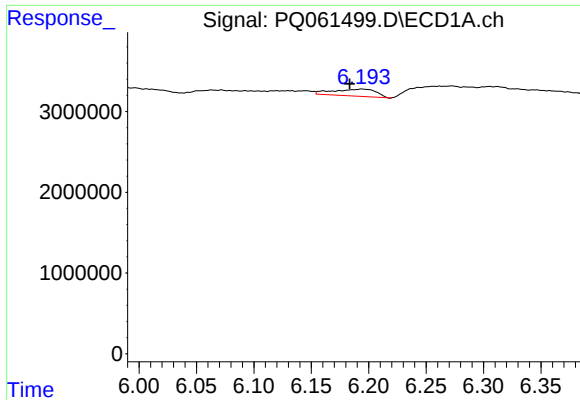
#28 AR-1254-3

R.T.: 5.877 min
Delta R.T.: -0.022 min
Response: 2436157
Conc: 8.72 ng/ml



#28 AR-1254-3

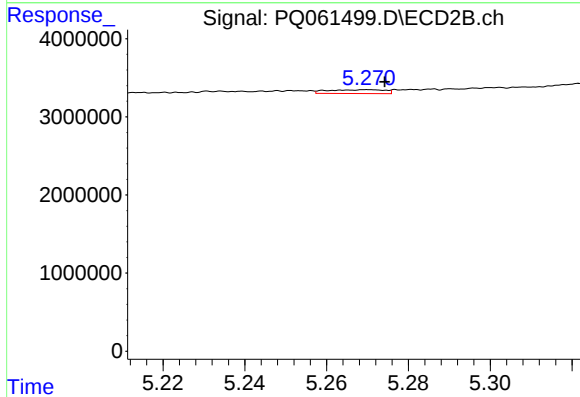
R.T.: 5.059 min
Delta R.T.: 0.011 min
Response: 3942599
Conc: 16.94 ng/ml



#29 AR-1254-4

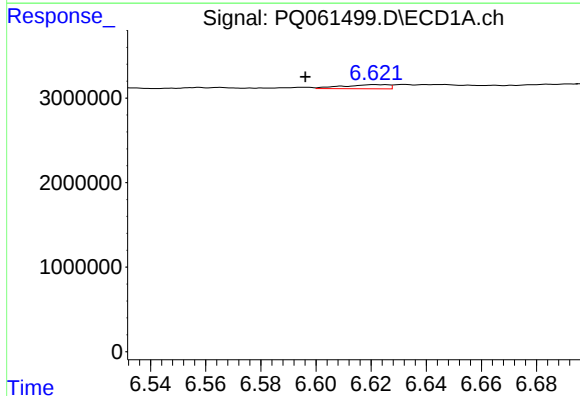
R.T.: 6.194 min
Delta R.T.: 0.011 min
Response: 2220517
Conc: 10.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



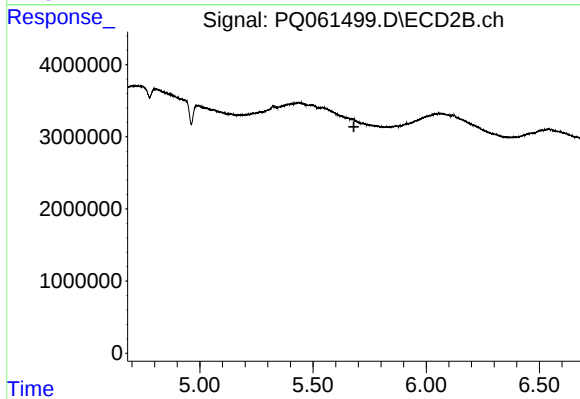
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 469616
Conc: 3.27 ng/ml



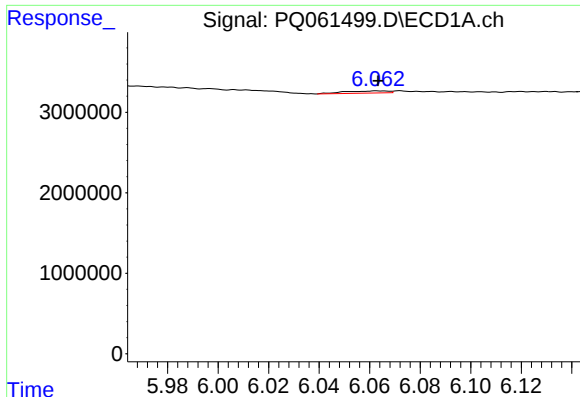
#30 AR-1254-5

R.T.: 6.621 min
Delta R.T.: 0.025 min
Response: 574704
Conc: 2.44 ng/ml



#30 AR-1254-5

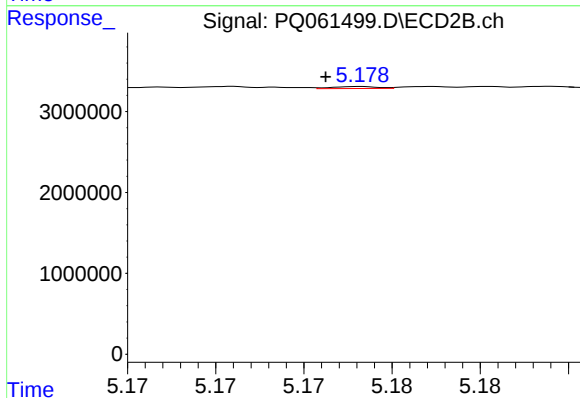
R.T.: 0.000 min
Exp R.T.: 5.680 min
Response: 0
Conc: N.D.



#31 AR-1260-1

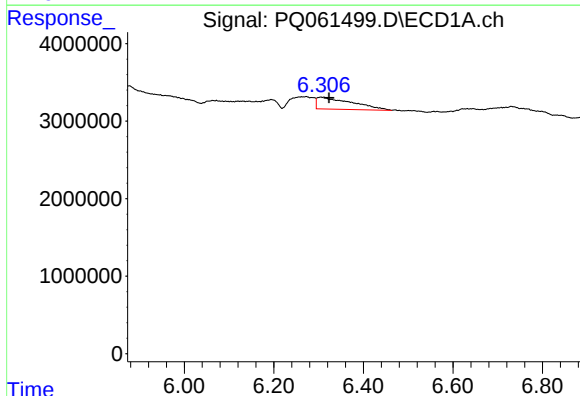
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 326447
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



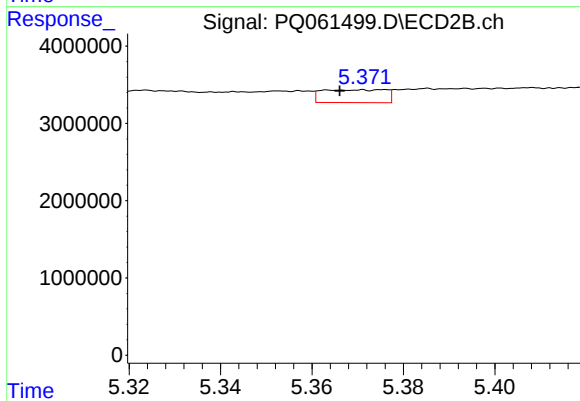
#31 AR-1260-1

R.T.: 5.178 min
Delta R.T.: 0.002 min
Response: 43593
Conc: 0.25 ng/ml



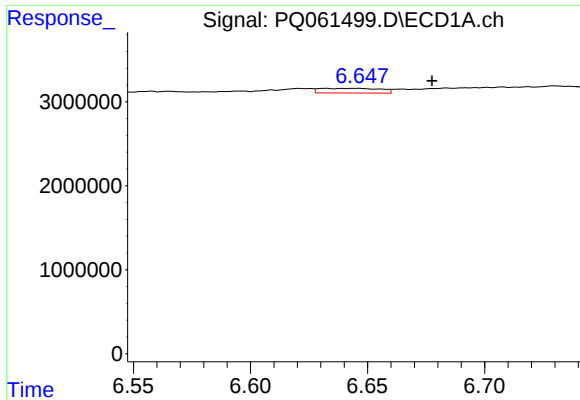
#32 AR-1260-2

R.T.: 6.305 min
Delta R.T.: -0.018 min
Response: 8264468
Conc: 31.06 ng/ml



#32 AR-1260-2

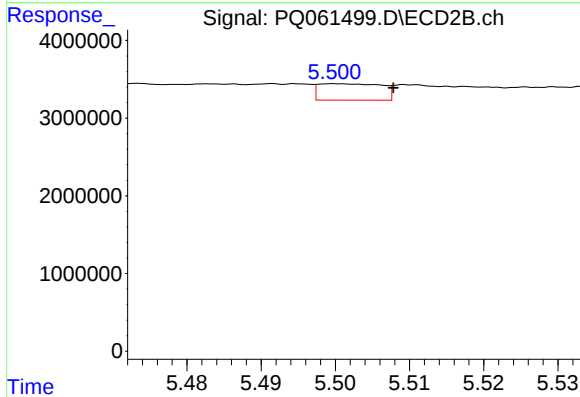
R.T.: 5.371 min
Delta R.T.: 0.005 min
Response: 1604059
Conc: 7.74 ng/ml



#33 AR-1260-3

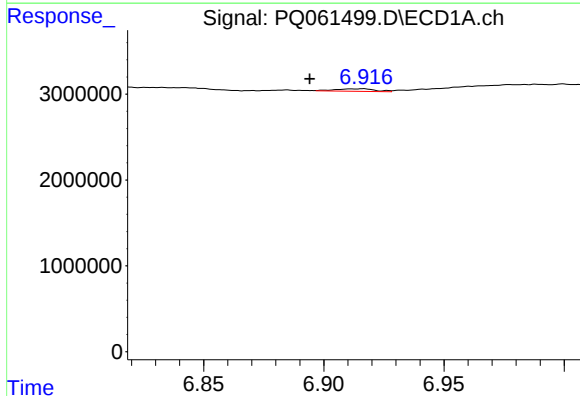
R.T.: 6.632 min
Delta R.T.: -0.046 min
Response: 988757
Conc: 5.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



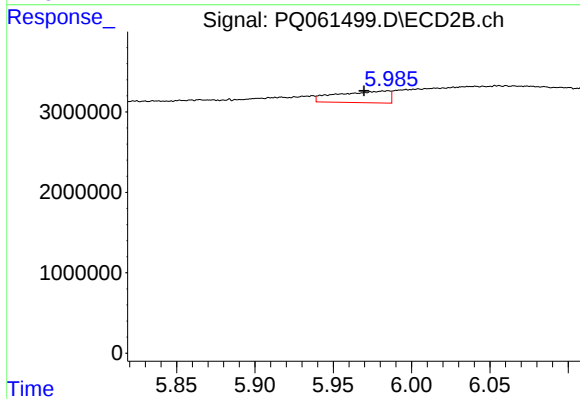
#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 1253498
Conc: 6.31 ng/ml



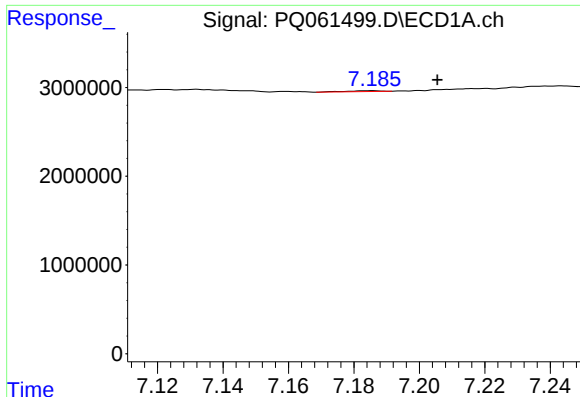
#34 AR-1260-4

R.T.: 6.916 min
Delta R.T.: 0.022 min
Response: 326761
Conc: 1.63 ng/ml



#34 AR-1260-4

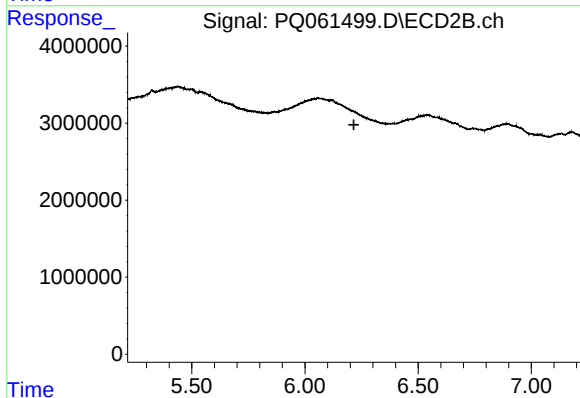
R.T.: 5.985 min
Delta R.T.: 0.015 min
Response: 3336546
Conc: 22.68 ng/ml



#35 AR-1260-5

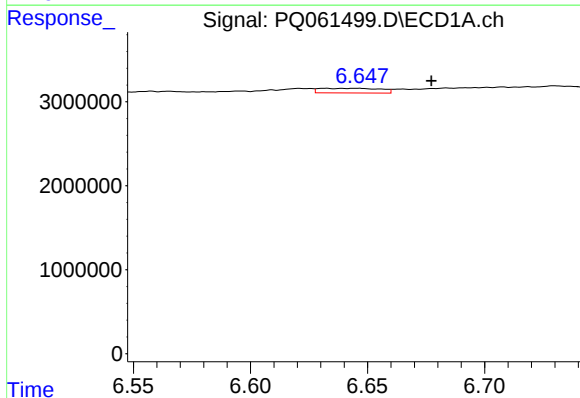
R.T.: 7.185 min
Delta R.T.: -0.020 min
Response: 75624
Conc: 0.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



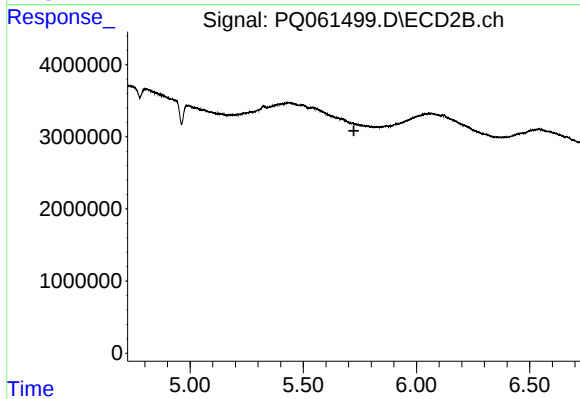
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 6.216 min
Response: 0
Conc: N.D.



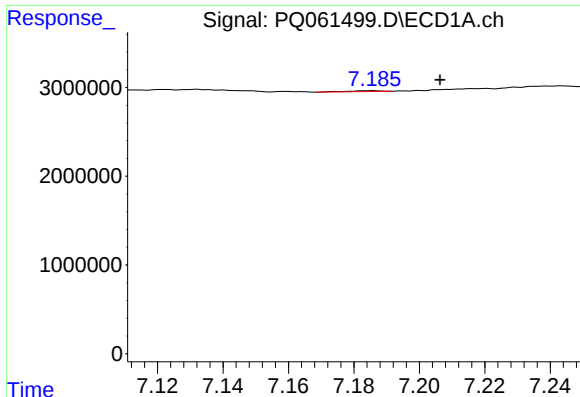
#36 AR-1262-1

R.T.: 6.632 min
Delta R.T.: -0.045 min
Response: 988757
Conc: 3.30 ng/ml



#36 AR-1262-1

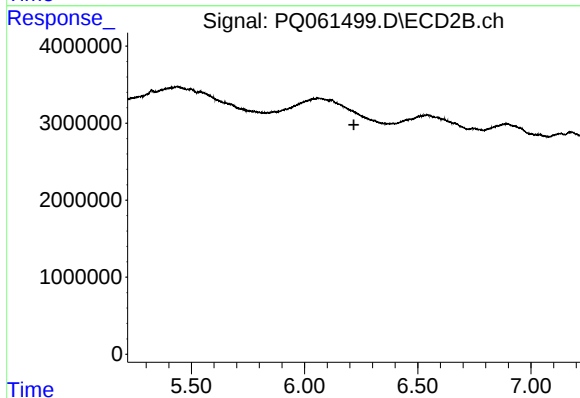
R.T.: 0.000 min
Exp R.T. : 5.724 min
Response: 0
Conc: N.D.



#37 AR-1262-2

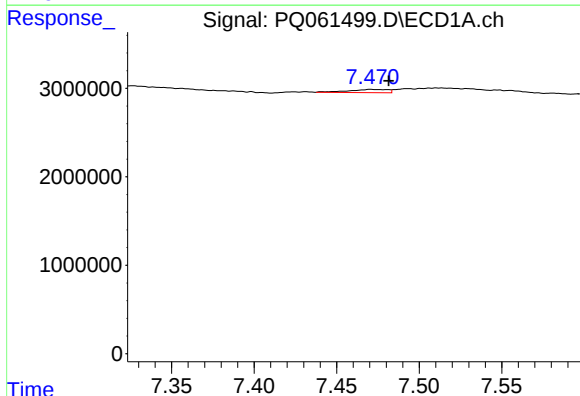
R.T.: 7.185 min
Delta R.T.: -0.021 min
Response: 75624
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



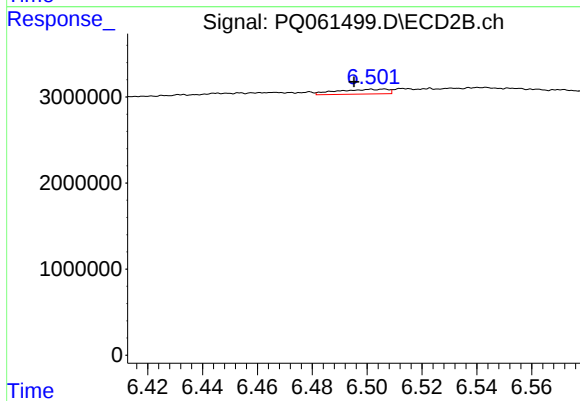
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.218 min
Response: 0
Conc: N.D.



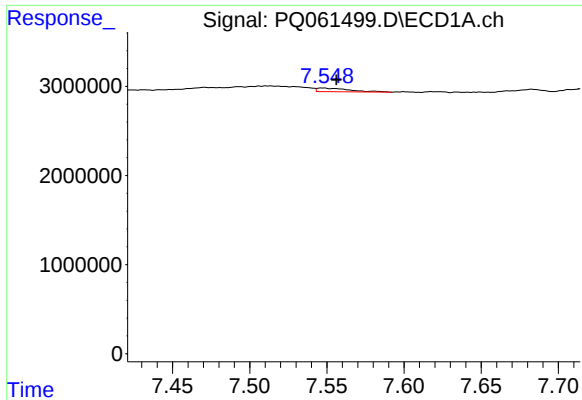
#38 AR-1262-3

R.T.: 7.471 min
Delta R.T.: -0.011 min
Response: 617558
Conc: 1.83 ng/ml



#38 AR-1262-3

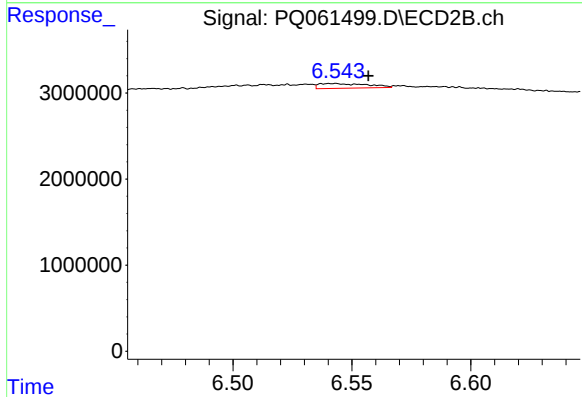
R.T.: 6.506 min
Delta R.T.: 0.011 min
Response: 710115
Conc: 3.94 ng/ml



#39 AR-1262-4

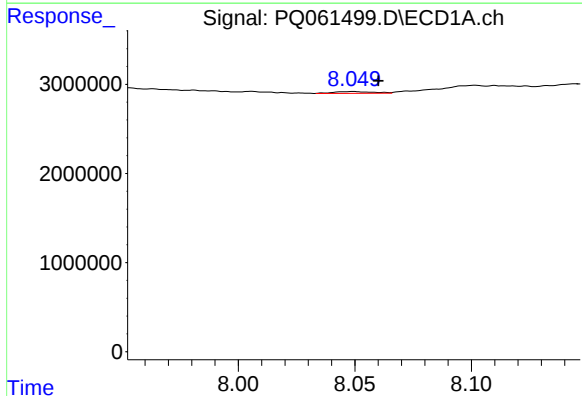
R.T.: 7.547 min
Delta R.T.: -0.009 min
Response: 595875
Conc: 2.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



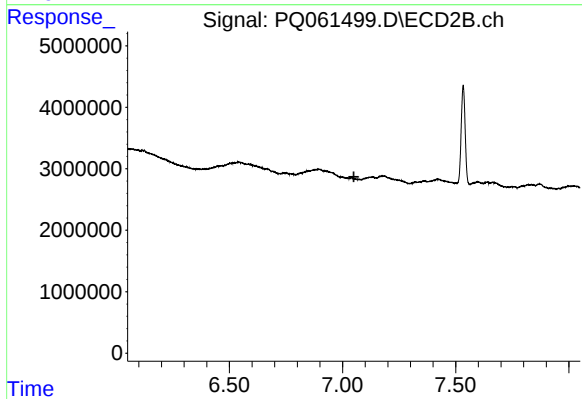
#39 AR-1262-4

R.T.: 6.543 min
Delta R.T.: -0.013 min
Response: 781182
Conc: 2.36 ng/ml



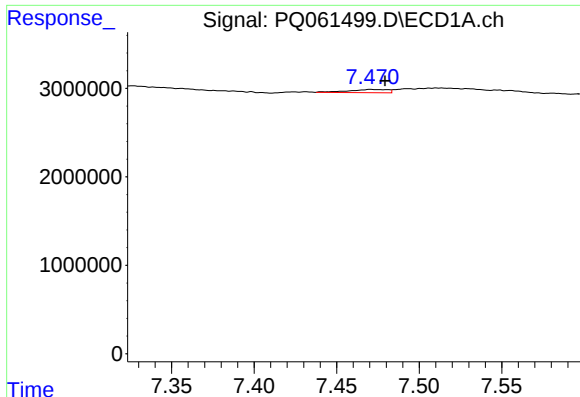
#40 AR-1262-5

R.T.: 8.049 min
Delta R.T.: -0.011 min
Response: 233553
Conc: 1.37 ng/ml



#40 AR-1262-5

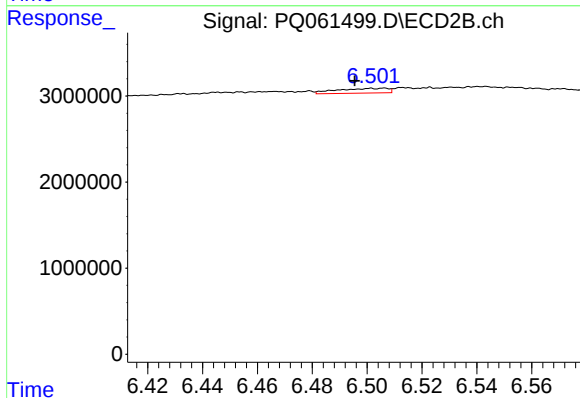
R.T.: 0.000 min
Exp R.T.: 7.050 min
Response: 0
Conc: N.D.



#41 AR-1268-1

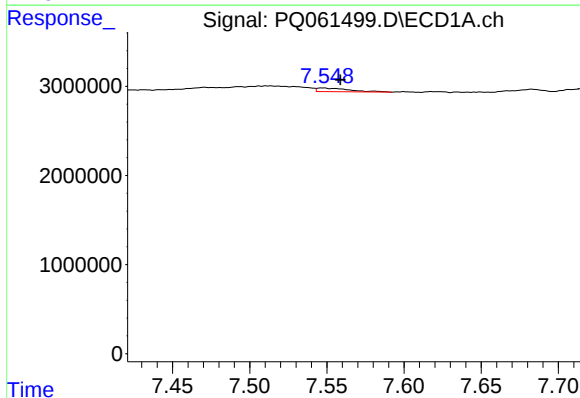
R.T.: 7.471 min
Delta R.T.: -0.008 min
Response: 617558
Conc: 1.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



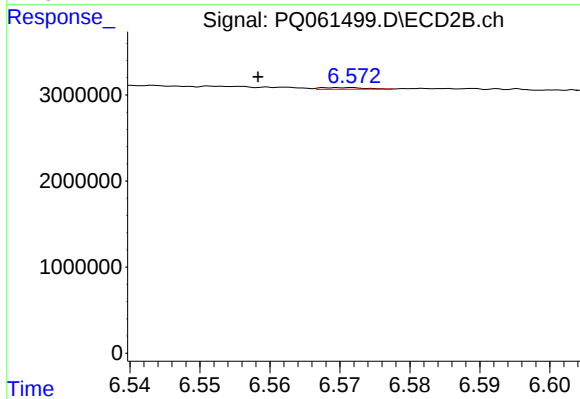
#41 AR-1268-1

R.T.: 6.506 min
Delta R.T.: 0.011 min
Response: 710115
Conc: 1.45 ng/ml



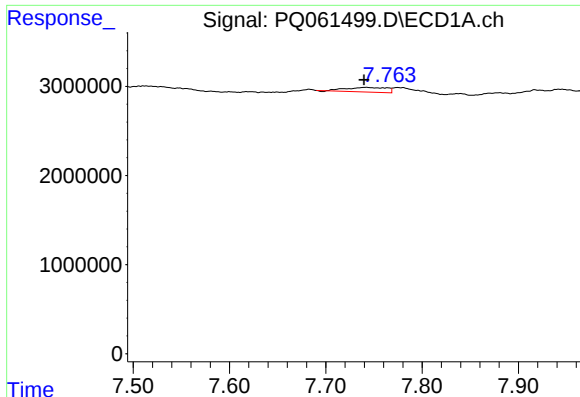
#42 AR-1268-2

R.T.: 7.547 min
Delta R.T.: -0.011 min
Response: 595875
Conc: 1.21 ng/ml



#42 AR-1268-2

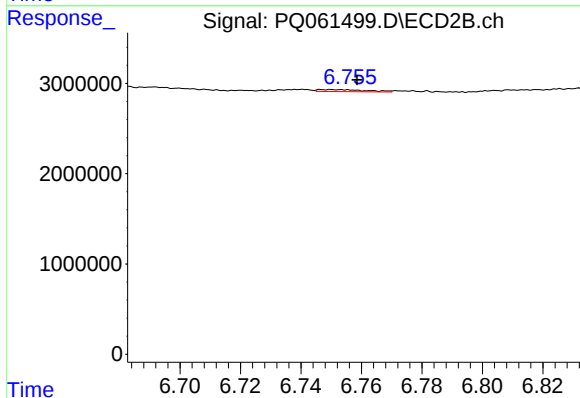
R.T.: 6.571 min
Delta R.T.: 0.013 min
Response: 82571
Conc: 0.19 ng/ml



#43 AR-1268-3

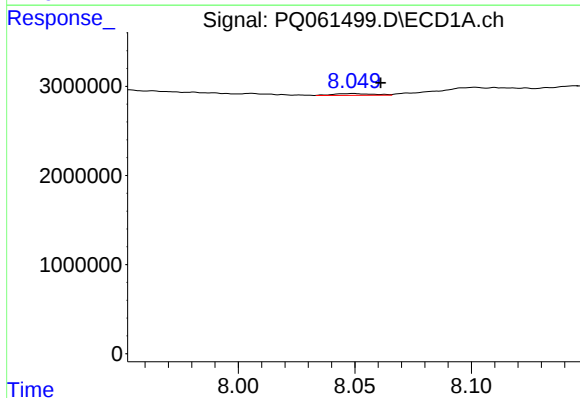
R.T.: 7.742 min
Delta R.T.: 0.002 min
Response: 1549384
Conc: 3.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



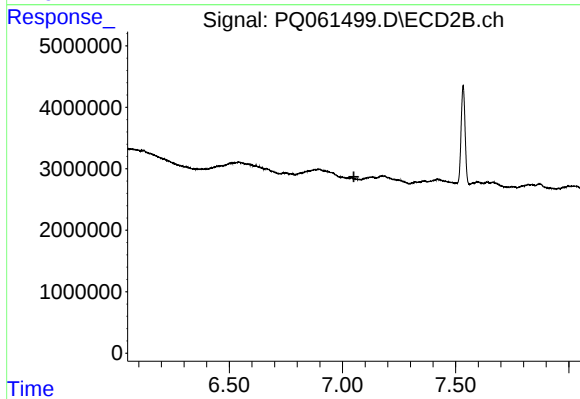
#43 AR-1268-3

R.T.: 6.750 min
Delta R.T.: -0.008 min
Response: 238548
Conc: 0.61 ng/ml



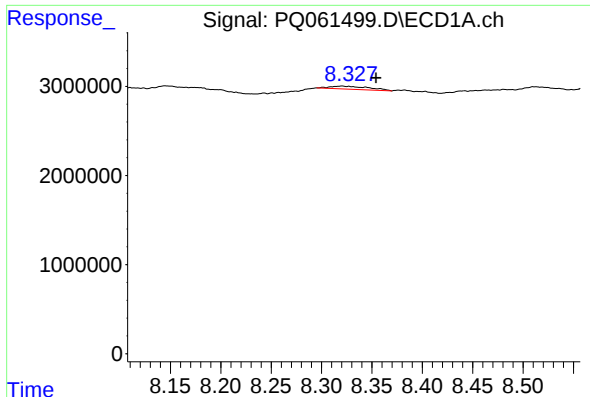
#44 AR-1268-4

R.T.: 8.049 min
Delta R.T.: -0.012 min
Response: 233553
Conc: 1.32 ng/ml



#44 AR-1268-4

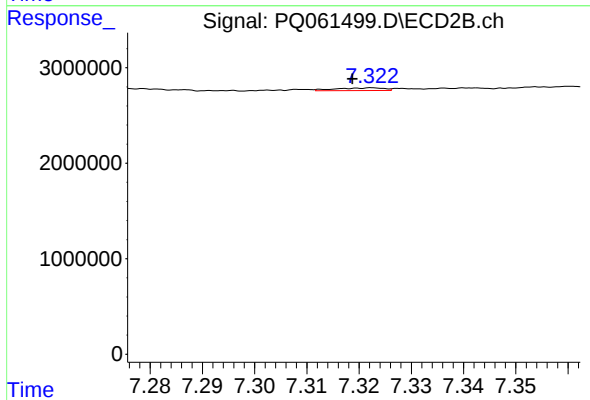
R.T.: 0.000 min
Exp R.T.: 7.050 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.320 min
Delta R.T.: -0.034 min
Response: 885034
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.323 min
Delta R.T.: 0.004 min
Response: 179430
Conc: 0.14 ng/ml