

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038658.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 22:11
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:39:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 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...	4.704	3.986	171.5E6	89140584	23.189	21.753
2)	SA Decachlor...	10.642	9.102	120.6E6	63767082	23.170	20.457
Target Compounds							
3)	L1 AR-1016-1	5.907	5.107	5078967	1401526	22.196	10.040 #
4)	L1 AR-1016-2	5.907	5.107	5078967	1401526	15.102	6.996 #
5)	L1 AR-1016-3	5.970	5.328	3188750	178621	15.890	1.936 #
6)	L1 AR-1016-4	6.072	5.328	5775103	178621	35.093	2.230 #
8)	L2 AR-1221-1	4.913	4.200	5429425	2843721	77.014	70.490
9)	L2 AR-1221-2	5.005	4.290	5161879	2710276	102.949	92.151
10)	L2 AR-1221-3	5.079	4.366	9443171	5474339	58.910	56.875
11)	L3 AR-1232-1	5.079	4.366	9443171	5474339	71.029	68.950
12)	L3 AR-1232-2	5.615	5.107	1573428	1401526	24.342	18.996
13)	L3 AR-1232-3	5.907	5.328	5078967	178621	39.530	5.250 #
14)	L3 AR-1232-4	6.072	5.328	5775103	178621	88.500	5.412 #
15)	L3 AR-1232-5	6.197	0.000	3843672	0	77.876	N.D. #
16)	L4 AR-1242-1	5.907	5.107	5078967	1401526	31.650	14.346 #
17)	L4 AR-1242-2	5.907	5.107	5078967	1401526	21.534	9.994 #
18)	L4 AR-1242-3	5.970	5.328	3188750	178621	21.926	2.684 #
19)	L4 AR-1242-4	6.072	5.328	5775103	178621	48.316	2.607 #
20)	L4 AR-1242-5	6.860	5.898	697944	367810	6.239	4.250 #
21)	L5 AR-1248-1	5.907	5.107	5078967	1401526	43.356	19.633 #
22)	L5 AR-1248-2	6.197	5.328	3843672	178621	24.048	1.944 #
23)	L5 AR-1248-3	0.000	5.328	0	178621	N.D.	1.896 #
24)	L5 AR-1248-4	6.745	0.000	3697164	0	20.844	N.D. #
25)	L5 AR-1248-5	6.860	5.898	697944	367810	4.115	3.395
26)	L6 AR-1254-1	6.745	5.898	3697164	367810	18.841	1.993 #
27)	L6 AR-1254-2	6.959	0.000	660925	0	2.277	N.D. #
28)	L6 AR-1254-3	7.348	6.440	1939678	544825	6.483	2.099 #
30)	L6 AR-1254-5	8.018	0.000	4997279	0	18.919	N.D. #
31)	L7 AR-1260-1	7.495	0.000	671083	0	2.641	N.D. #
32)	L7 AR-1260-2	0.000	6.765	0	553748	N.D.	2.546 #
33)	L7 AR-1260-3	8.105	0.000	3594167	0	15.696	N.D. #
34)	L7 AR-1260-4	8.312	0.000	854252	0	3.222	N.D. #
35)	L7 AR-1260-5	8.715	0.000	1131428	0	2.227	N.D. #
36)	L8 AR-1262-1	8.179	7.177	1495139	423769	11.793	1.772 #
37)	L8 AR-1262-2	8.715	0.000	1131428	0	2.197	N.D. #
38)	L8 AR-1262-3	9.015	7.936	371223	56121	1.059	0.352 #
39)	L8 AR-1262-4	0.000	7.936	0	56121	N.D.	0.184 #
40)	L8 AR-1262-5	9.846	0.000	772954	0	4.267	N.D. #
41)	L9 AR-1268-1	9.015	7.936	371223	56121	0.590	0.119 #
42)	L9 AR-1268-2	0.000	7.936	0	56121	N.D.	0.129 #
43)	L9 AR-1268-3	9.371	0.000	4357662	0	8.639	N.D. #

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Instrument :
 ECD_Q
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:39:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 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
44) L9	AR-1268-4	9.846	0.000	772954	0	3.534	N.D. #
45) L9	AR-1268-5	10.275	8.823	2010635	842684	1.170	0.729 #

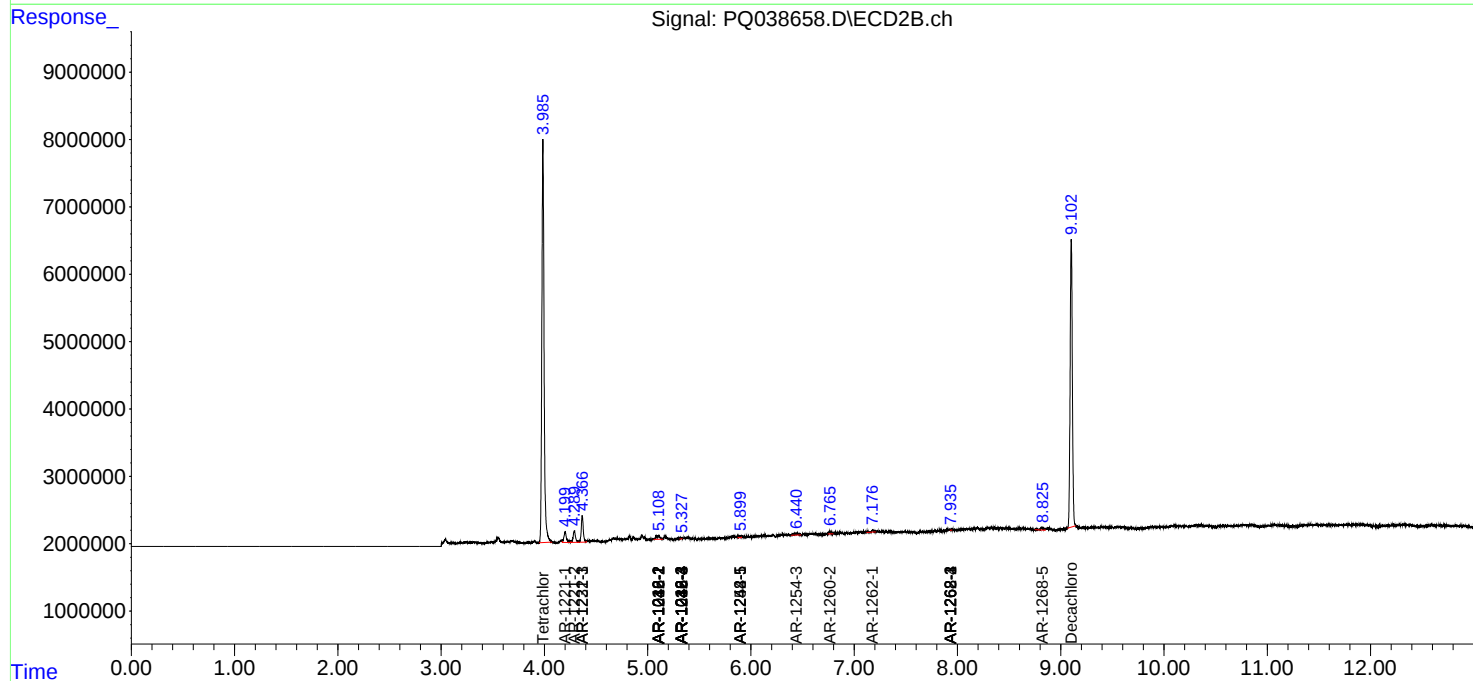
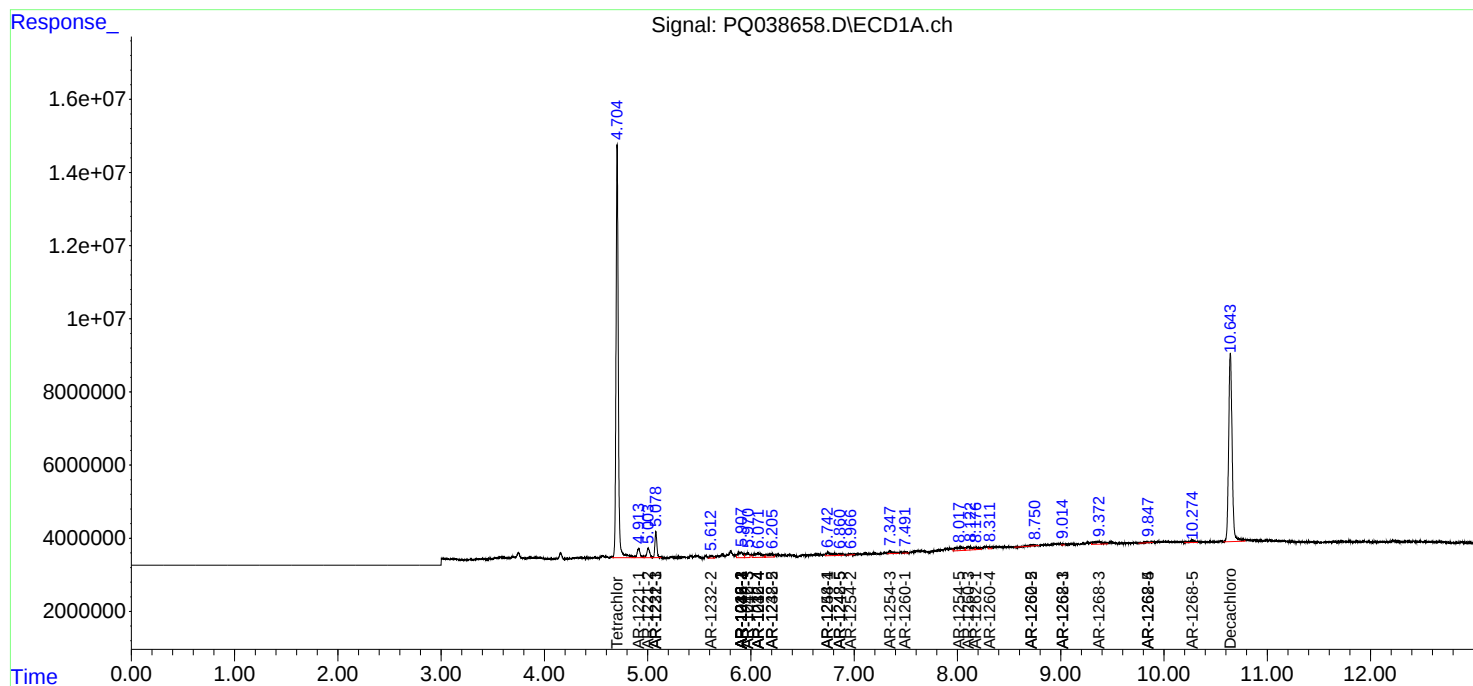
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

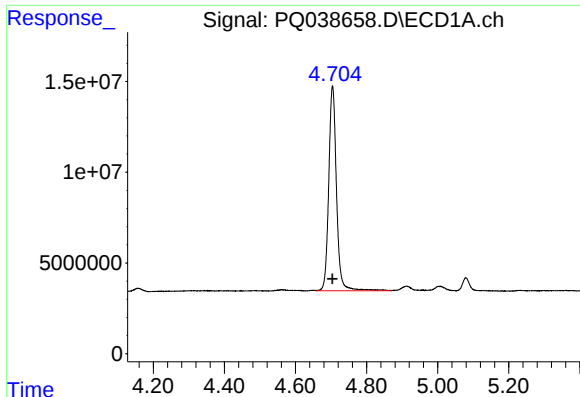
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

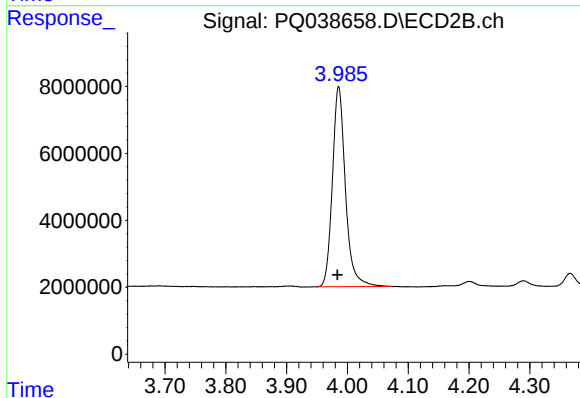




#1 Tetrachloro-m-xylene

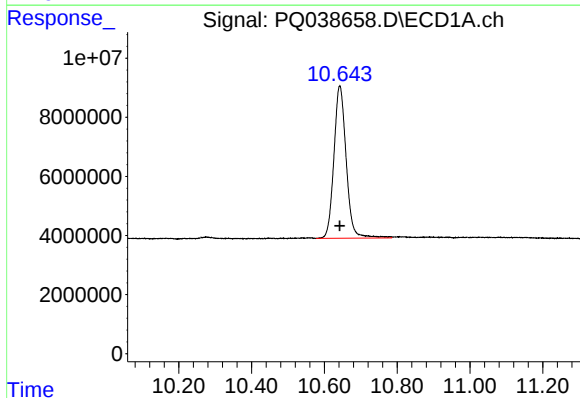
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 171525278
Conc: 23.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



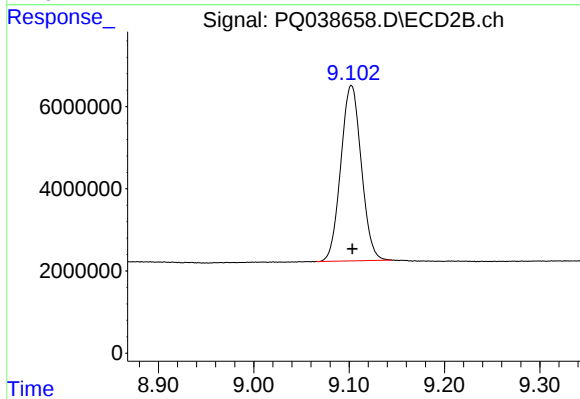
#1 Tetrachloro-m-xylene

R.T.: 3.986 min
Delta R.T.: 0.002 min
Response: 89140584
Conc: 21.75 ng/ml



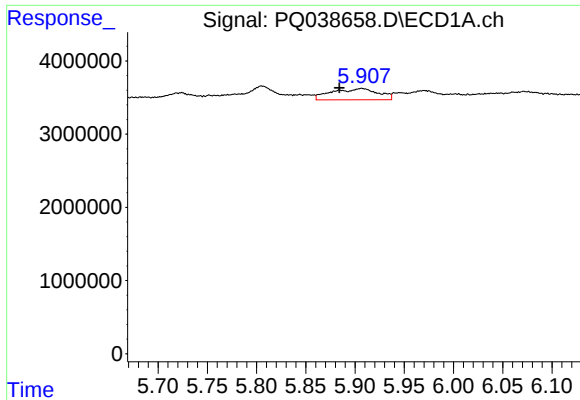
#2 Decachlorobiphenyl

R.T.: 10.642 min
Delta R.T.: 0.000 min
Response: 120619400
Conc: 23.17 ng/ml



#2 Decachlorobiphenyl

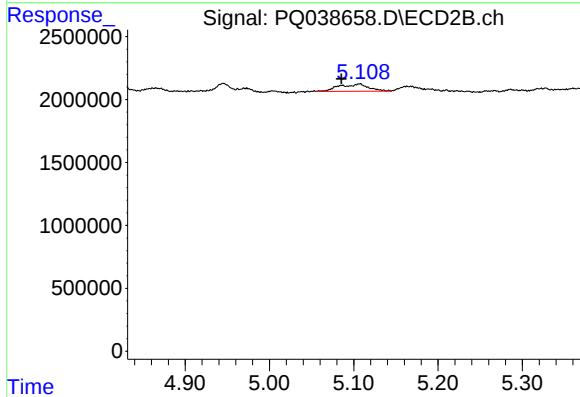
R.T.: 9.102 min
Delta R.T.: 0.000 min
Response: 63767082
Conc: 20.46 ng/ml



#3 AR-1016-1

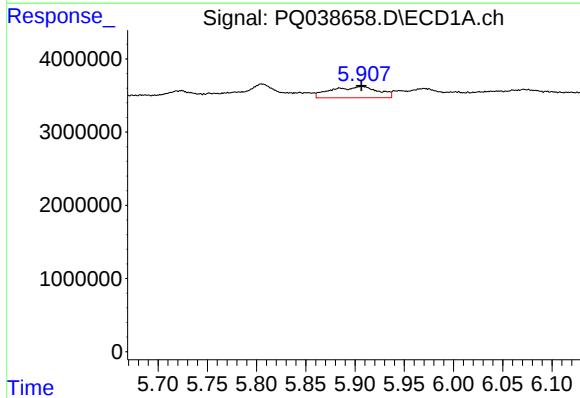
R.T.: 5.907 min
Delta R.T.: 0.023 min
Response: 5078967
Conc: 22.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



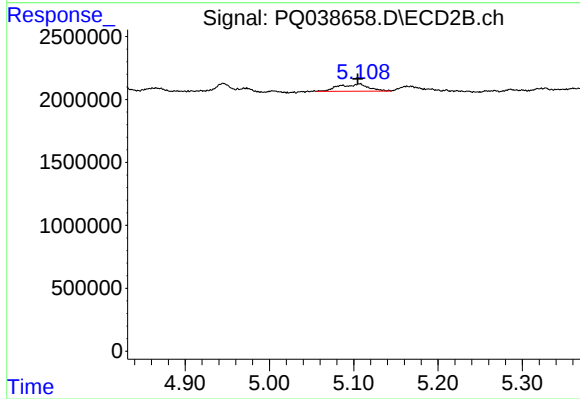
#3 AR-1016-1

R.T.: 5.107 min
Delta R.T.: 0.022 min
Response: 1401526
Conc: 10.04 ng/ml



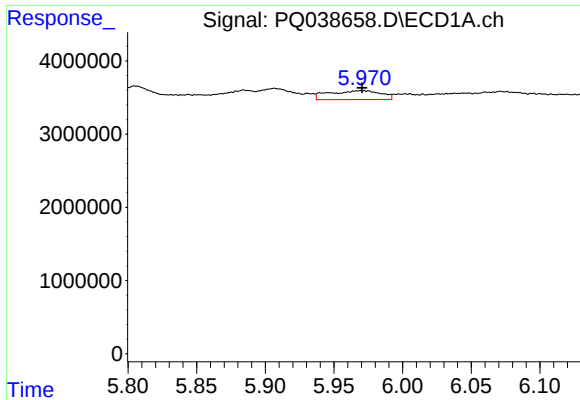
#4 AR-1016-2

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 5078967
Conc: 15.10 ng/ml



#4 AR-1016-2

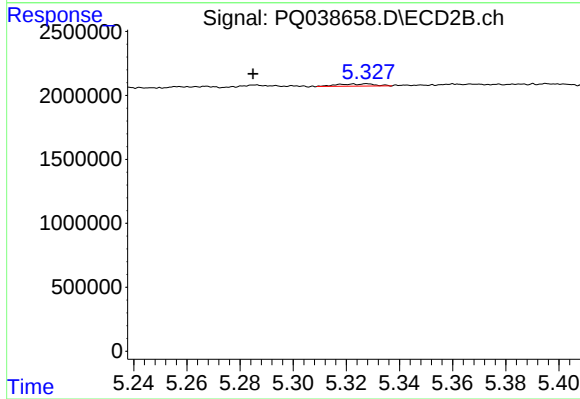
R.T.: 5.107 min
Delta R.T.: 0.002 min
Response: 1401526
Conc: 7.00 ng/ml



#5 AR-1016-3

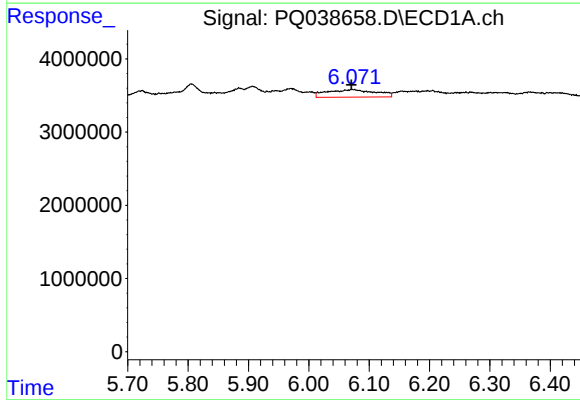
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 3188750
Conc: 15.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



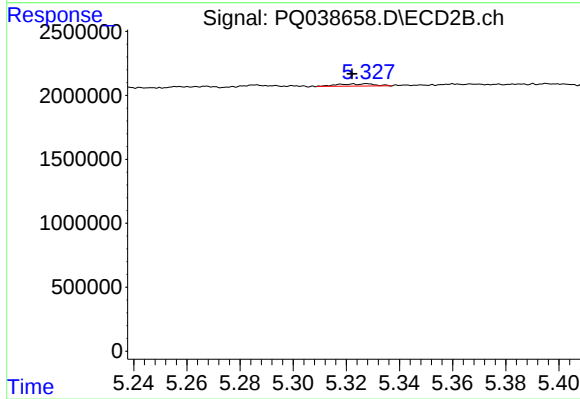
#5 AR-1016-3

R.T.: 5.328 min
Delta R.T.: 0.043 min
Response: 178621
Conc: 1.94 ng/ml



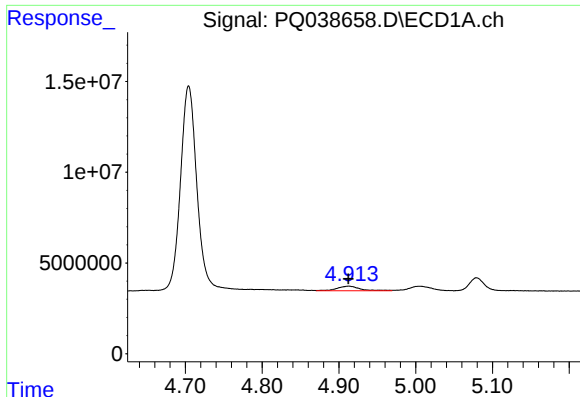
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 5775103
Conc: 35.09 ng/ml



#6 AR-1016-4

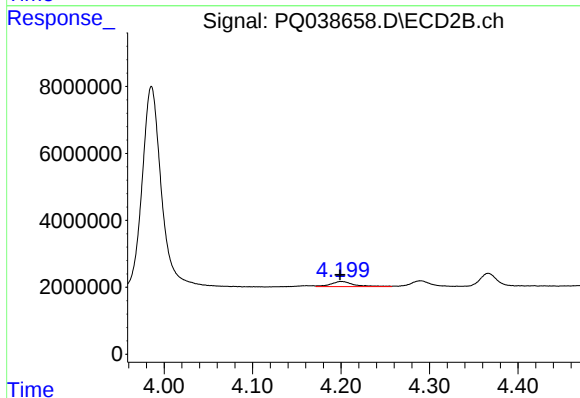
R.T.: 5.328 min
Delta R.T.: 0.005 min
Response: 178621
Conc: 2.23 ng/ml



#8 AR-1221-1

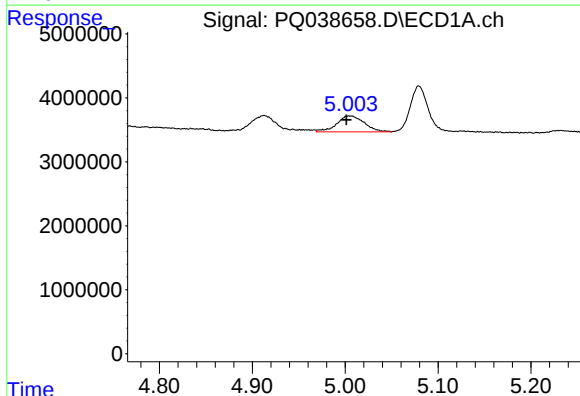
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 5429425
Conc: 77.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



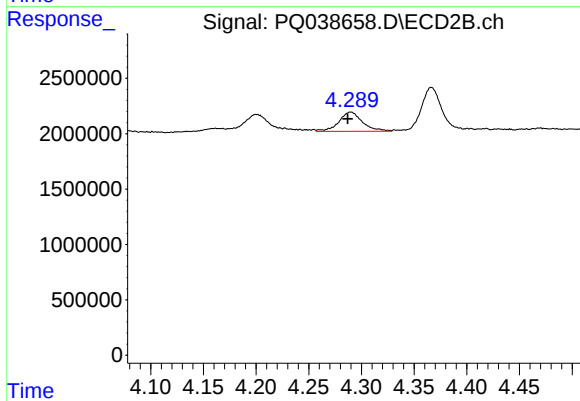
#8 AR-1221-1

R.T.: 4.200 min
Delta R.T.: 0.002 min
Response: 2843721
Conc: 70.49 ng/ml



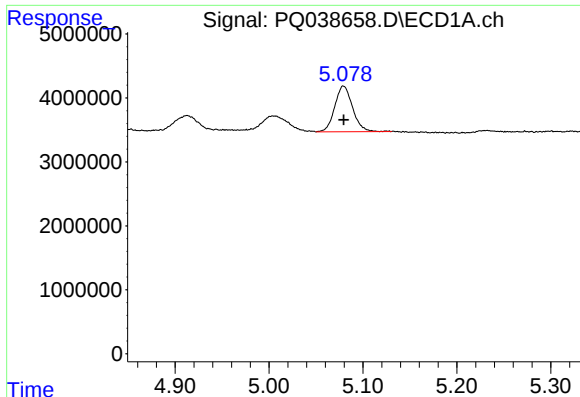
#9 AR-1221-2

R.T.: 5.005 min
Delta R.T.: 0.004 min
Response: 5161879
Conc: 102.95 ng/ml



#9 AR-1221-2

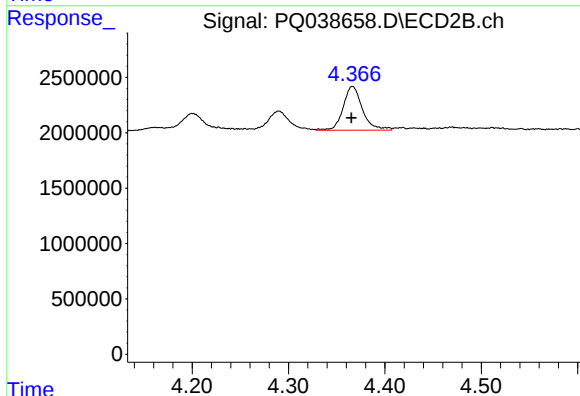
R.T.: 4.290 min
Delta R.T.: 0.003 min
Response: 2710276
Conc: 92.15 ng/ml



#10 AR-1221-3

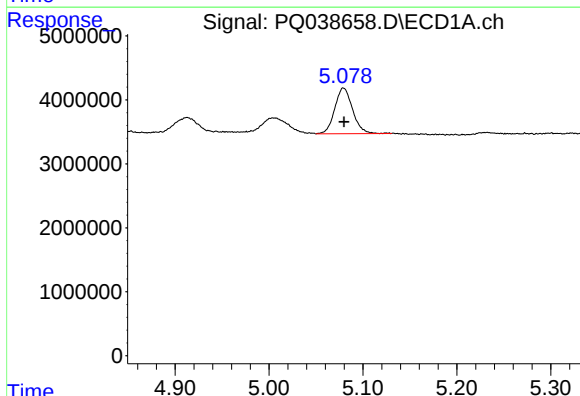
R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 9443171
Conc: 58.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



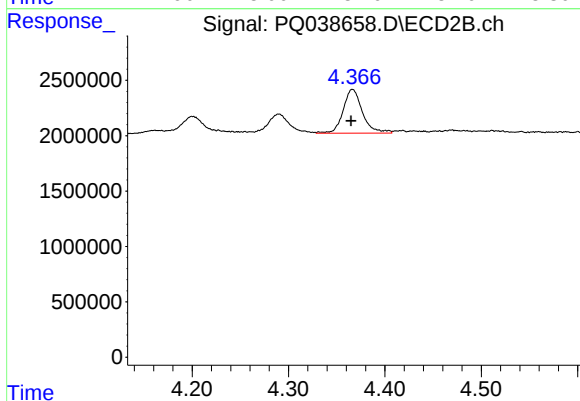
#10 AR-1221-3

R.T.: 4.366 min
Delta R.T.: 0.001 min
Response: 5474339
Conc: 56.88 ng/ml



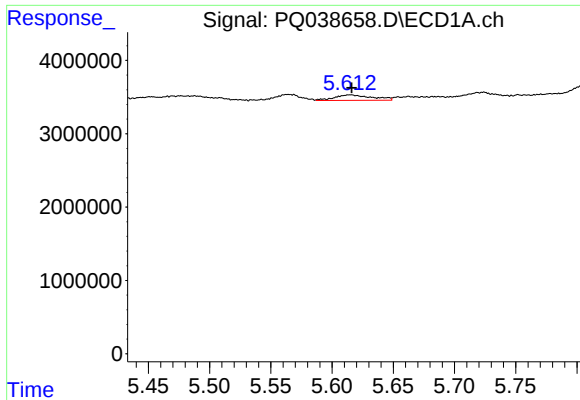
#11 AR-1232-1

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 9443171
Conc: 71.03 ng/ml



#11 AR-1232-1

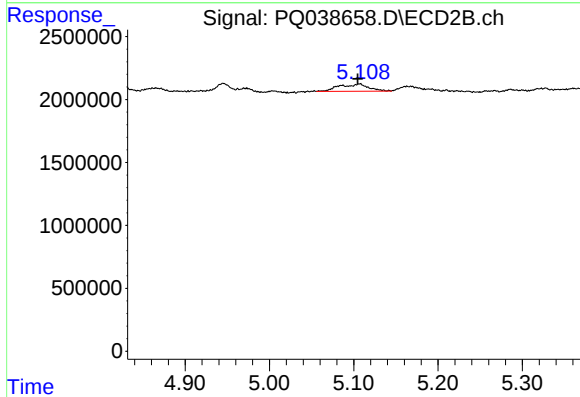
R.T.: 4.366 min
Delta R.T.: 0.001 min
Response: 5474339
Conc: 68.95 ng/ml



#12 AR-1232-2

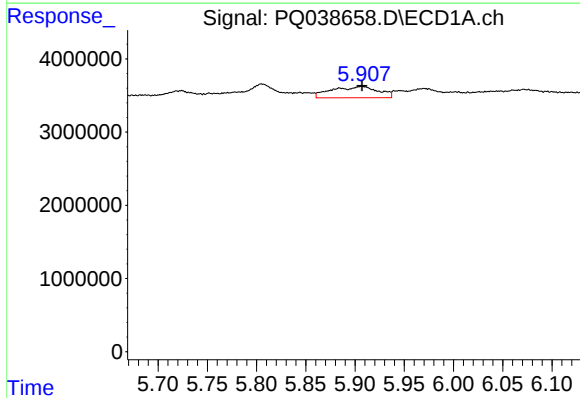
R.T.: 5.615 min
Delta R.T.: -0.001 min
Response: 1573428
Conc: 24.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



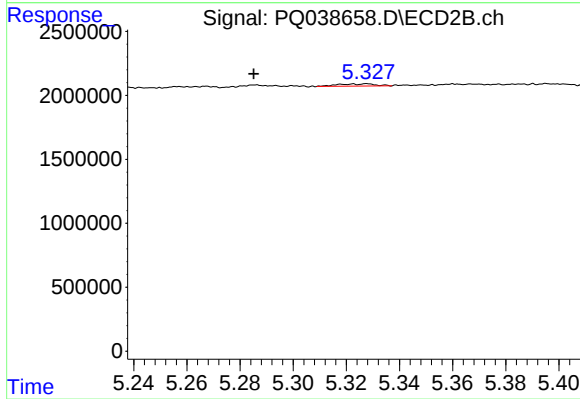
#12 AR-1232-2

R.T.: 5.107 min
Delta R.T.: 0.002 min
Response: 1401526
Conc: 19.00 ng/ml



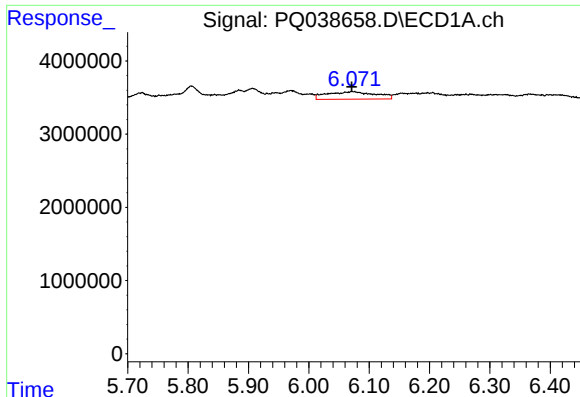
#13 AR-1232-3

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 5078967
Conc: 39.53 ng/ml



#13 AR-1232-3

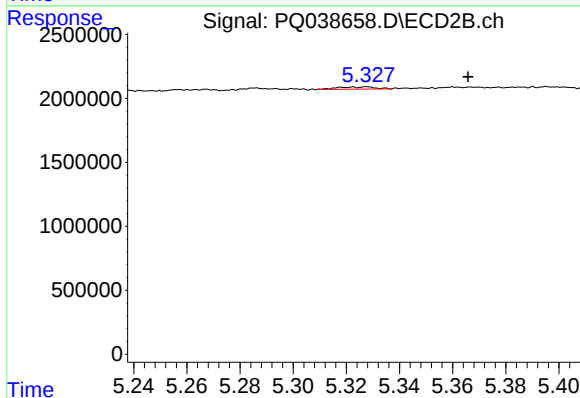
R.T.: 5.328 min
Delta R.T.: 0.042 min
Response: 178621
Conc: 5.25 ng/ml



#14 AR-1232-4

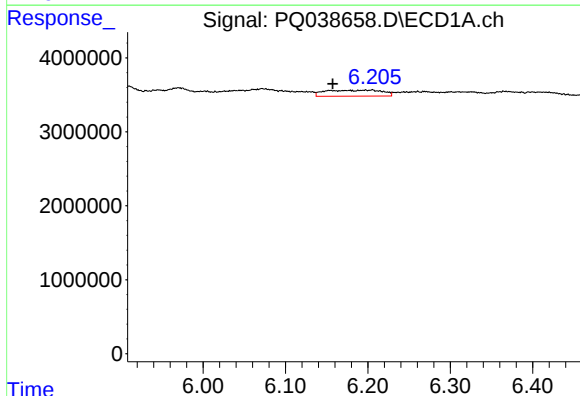
R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 5775103
Conc: 88.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



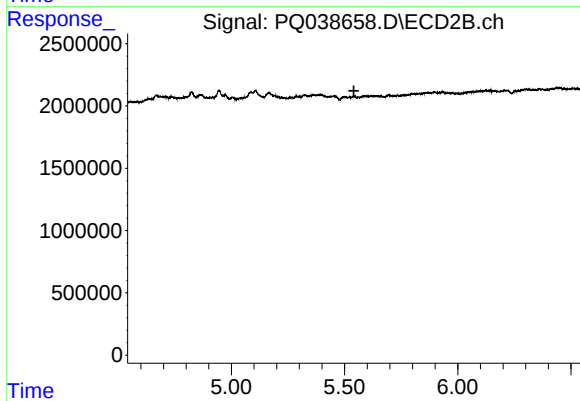
#14 AR-1232-4

R.T.: 5.328 min
Delta R.T.: -0.038 min
Response: 178621
Conc: 5.41 ng/ml



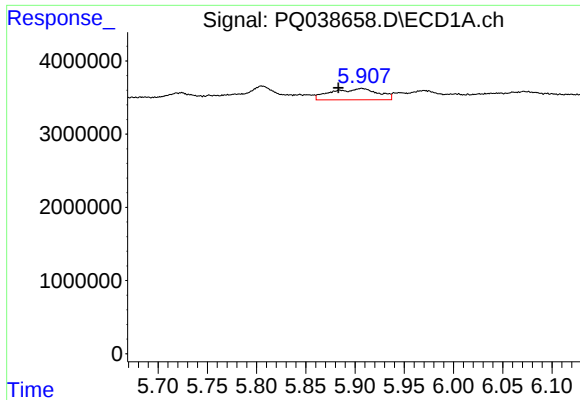
#15 AR-1232-5

R.T.: 6.197 min
Delta R.T.: 0.040 min
Response: 3843672
Conc: 77.88 ng/ml



#15 AR-1232-5

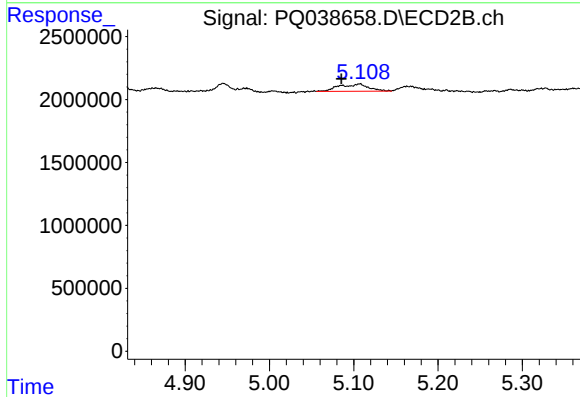
R.T.: 0.000 min
Exp R.T.: 5.541 min
Response: 0
Conc: N.D.



#16 AR-1242-1

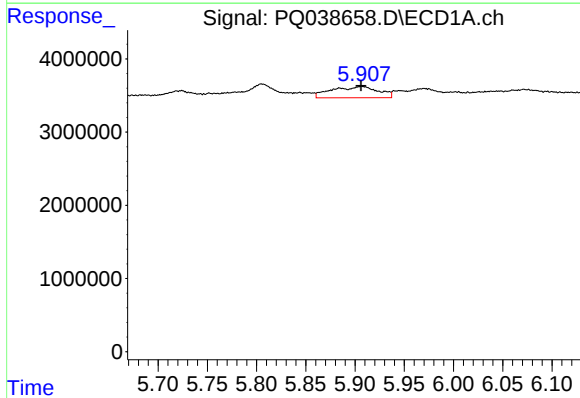
R.T.: 5.907 min
Delta R.T.: 0.024 min
Response: 5078967
Conc: 31.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



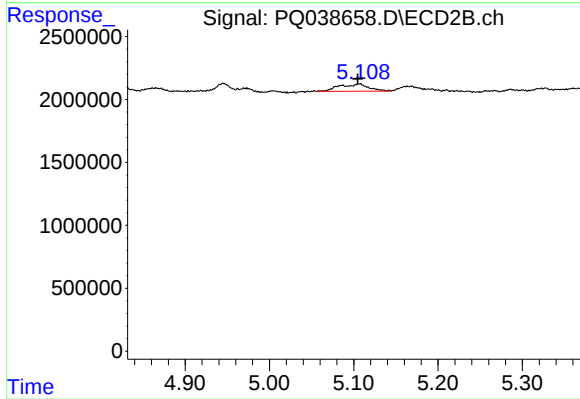
#16 AR-1242-1

R.T.: 5.107 min
Delta R.T.: 0.022 min
Response: 1401526
Conc: 14.35 ng/ml



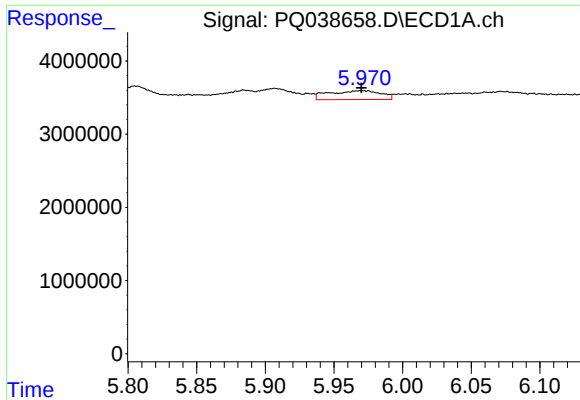
#17 AR-1242-2

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 5078967
Conc: 21.53 ng/ml



#17 AR-1242-2

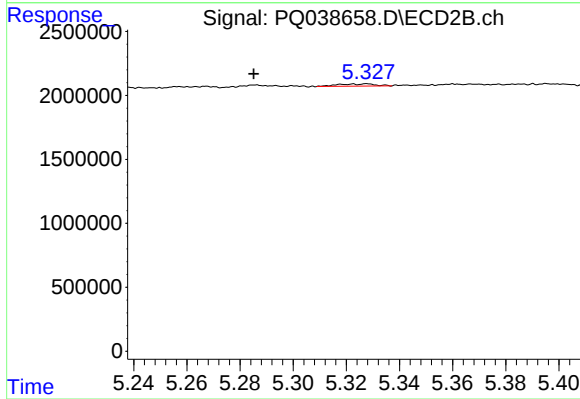
R.T.: 5.107 min
Delta R.T.: 0.002 min
Response: 1401526
Conc: 9.99 ng/ml



#18 AR-1242-3

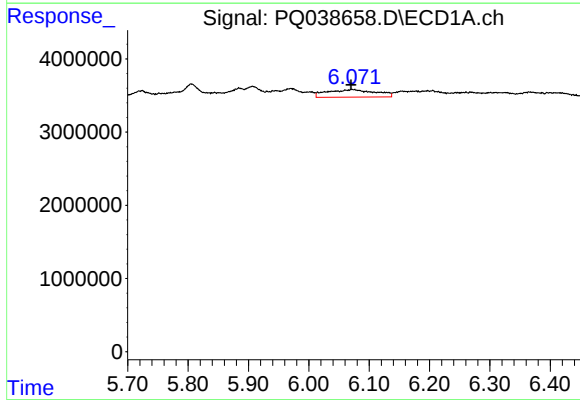
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 3188750
Conc: 21.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



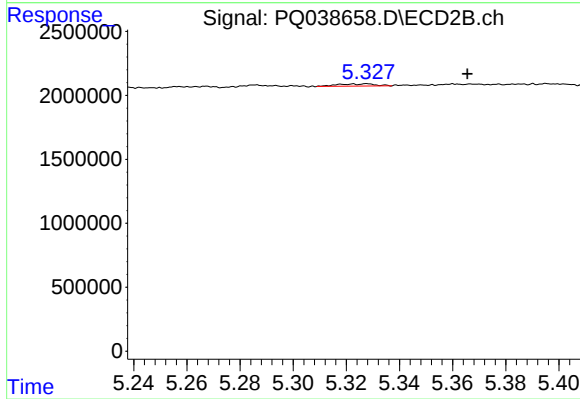
#18 AR-1242-3

R.T.: 5.328 min
Delta R.T.: 0.042 min
Response: 178621
Conc: 2.68 ng/ml



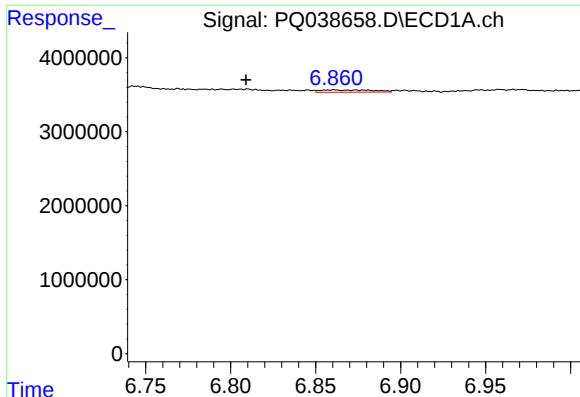
#19 AR-1242-4

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 5775103
Conc: 48.32 ng/ml



#19 AR-1242-4

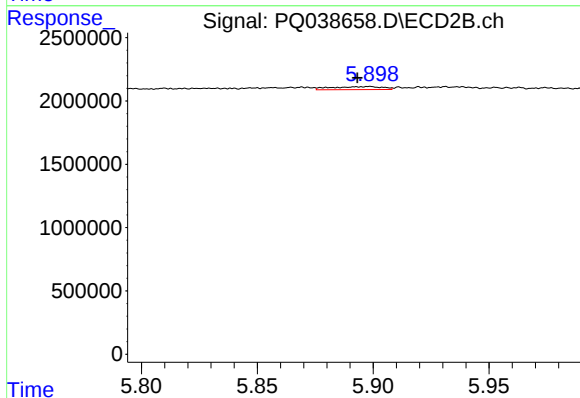
R.T.: 5.328 min
Delta R.T.: -0.038 min
Response: 178621
Conc: 2.61 ng/ml



#20 AR-1242-5

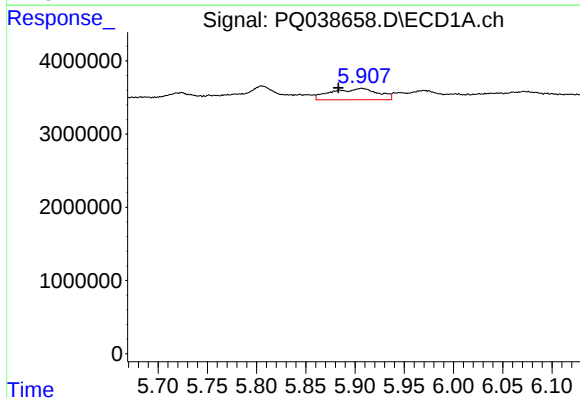
R.T.: 6.860 min
Delta R.T.: 0.051 min
Response: 697944
Conc: 6.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



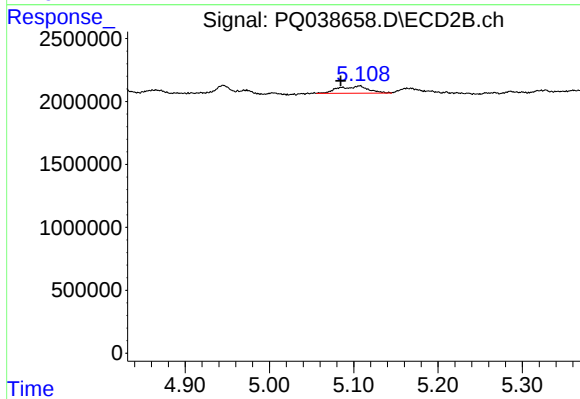
#20 AR-1242-5

R.T.: 5.898 min
Delta R.T.: 0.005 min
Response: 367810
Conc: 4.25 ng/ml



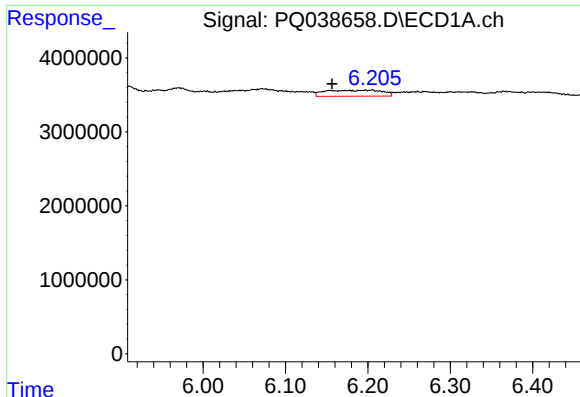
#21 AR-1248-1

R.T.: 5.907 min
Delta R.T.: 0.024 min
Response: 5078967
Conc: 43.36 ng/ml



#21 AR-1248-1

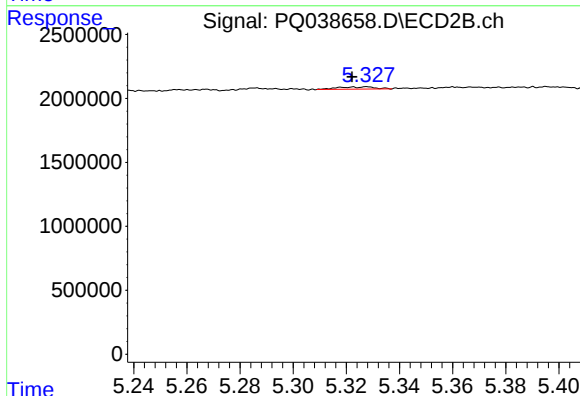
R.T.: 5.107 min
Delta R.T.: 0.022 min
Response: 1401526
Conc: 19.63 ng/ml



#22 AR-1248-2

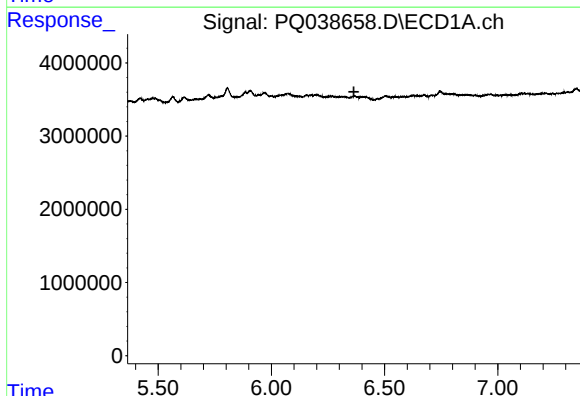
R.T.: 6.197 min
Delta R.T.: 0.041 min
Response: 3843672
Conc: 24.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



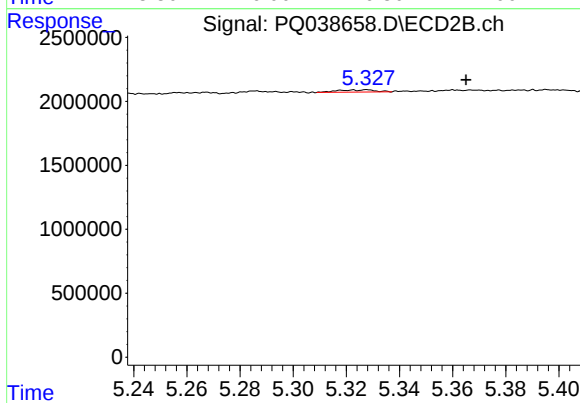
#22 AR-1248-2

R.T.: 5.328 min
Delta R.T.: 0.006 min
Response: 178621
Conc: 1.94 ng/ml



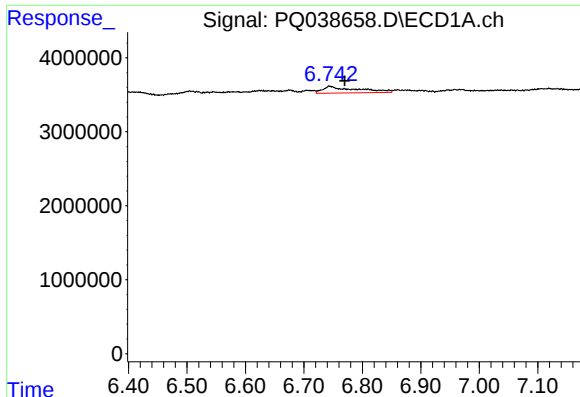
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.365 min
Response: 0
Conc: N.D.



#23 AR-1248-3

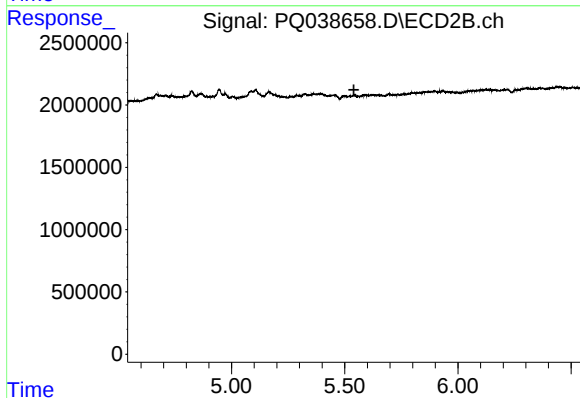
R.T.: 5.328 min
Delta R.T.: -0.037 min
Response: 178621
Conc: 1.90 ng/ml



#24 AR-1248-4

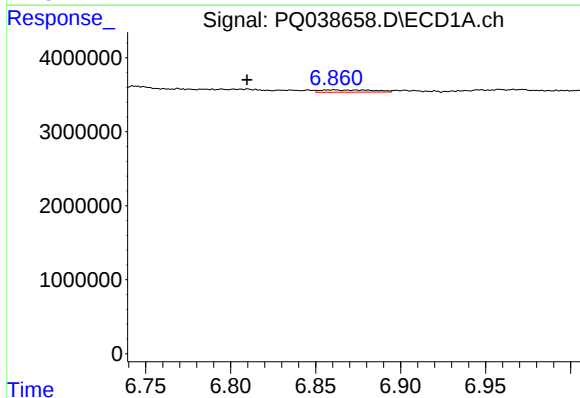
R.T.: 6.745 min
Delta R.T.: -0.025 min
Response: 3697164
Conc: 20.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



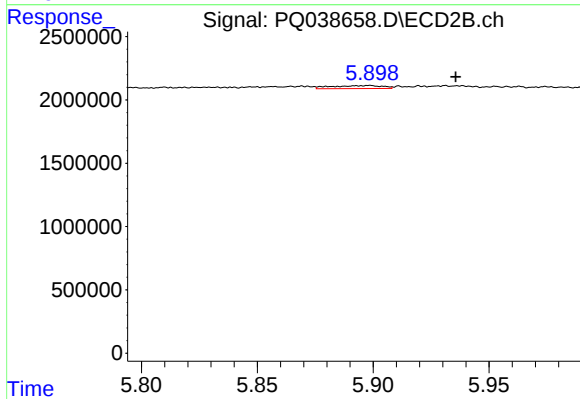
#24 AR-1248-4

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



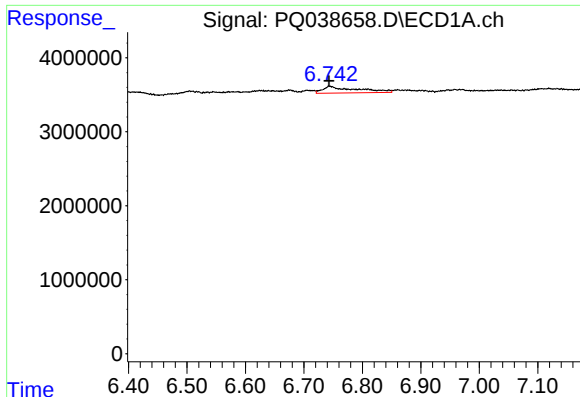
#25 AR-1248-5

R.T.: 6.860 min
Delta R.T.: 0.051 min
Response: 697944
Conc: 4.11 ng/ml



#25 AR-1248-5

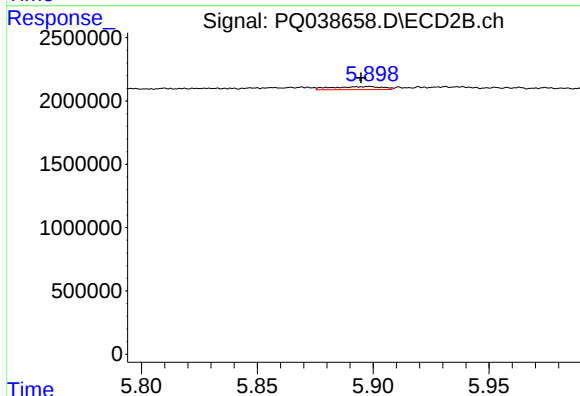
R.T.: 5.898 min
Delta R.T.: -0.037 min
Response: 367810
Conc: 3.40 ng/ml



#26 AR-1254-1

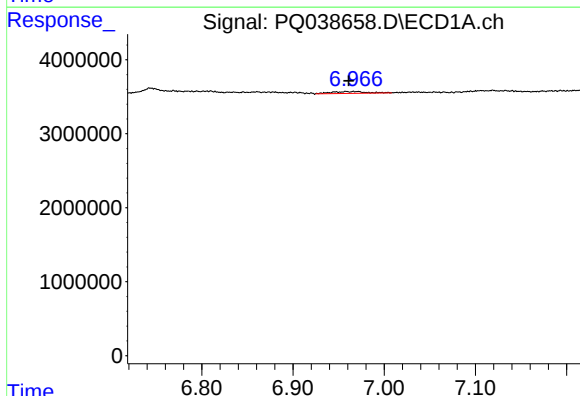
R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 3697164
Conc: 18.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



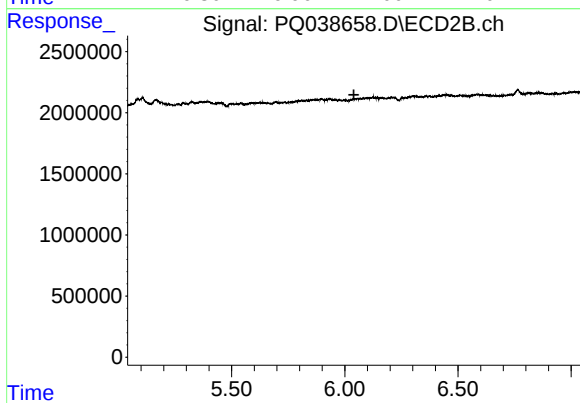
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.004 min
Response: 367810
Conc: 1.99 ng/ml



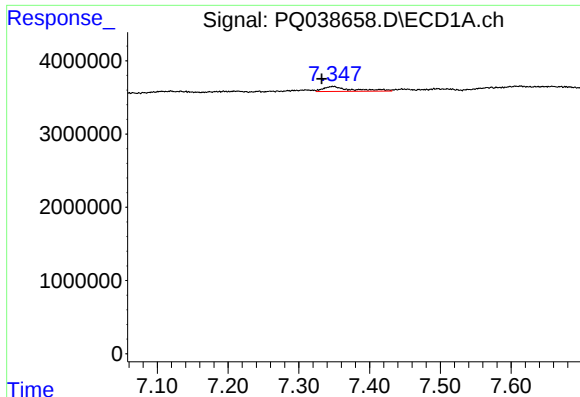
#27 AR-1254-2

R.T.: 6.959 min
Delta R.T.: -0.002 min
Response: 660925
Conc: 2.28 ng/ml



#27 AR-1254-2

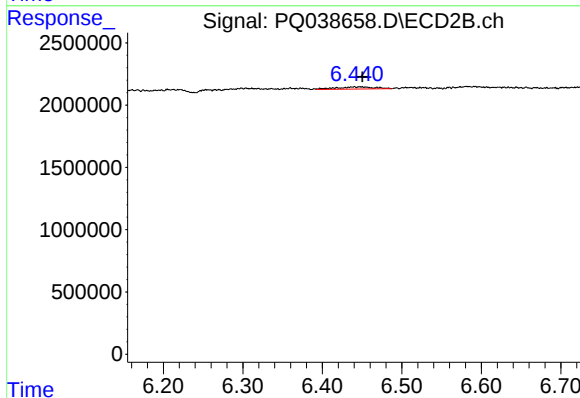
R.T.: 0.000 min
Exp R.T.: 6.040 min
Response: 0
Conc: N.D.



#28 AR-1254-3

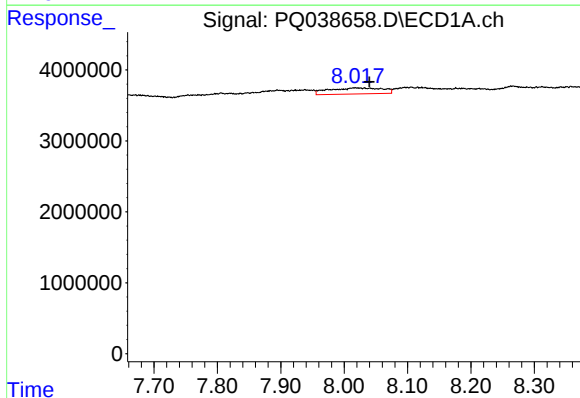
R.T.: 7.348 min
Delta R.T.: 0.016 min
Response: 1939678
Conc: 6.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



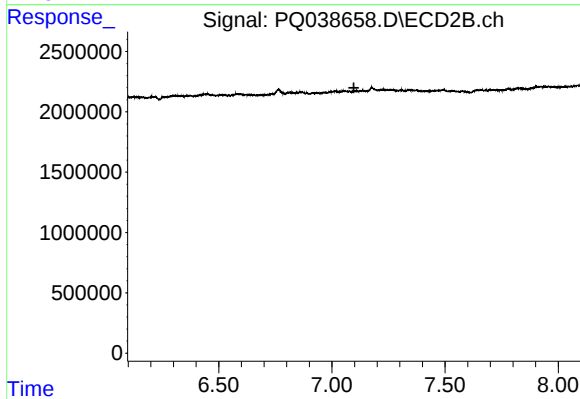
#28 AR-1254-3

R.T.: 6.440 min
Delta R.T.: -0.010 min
Response: 544825
Conc: 2.10 ng/ml



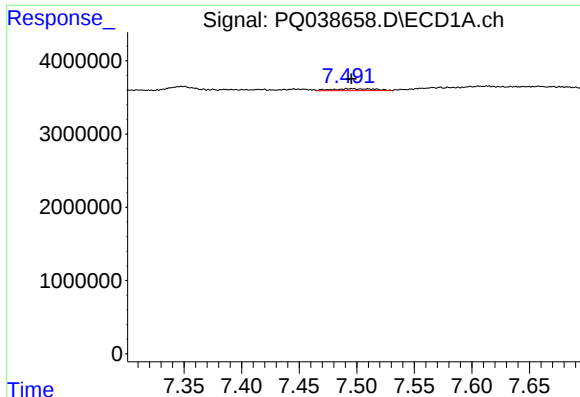
#30 AR-1254-5

R.T.: 8.018 min
Delta R.T.: -0.022 min
Response: 4997279
Conc: 18.92 ng/ml



#30 AR-1254-5

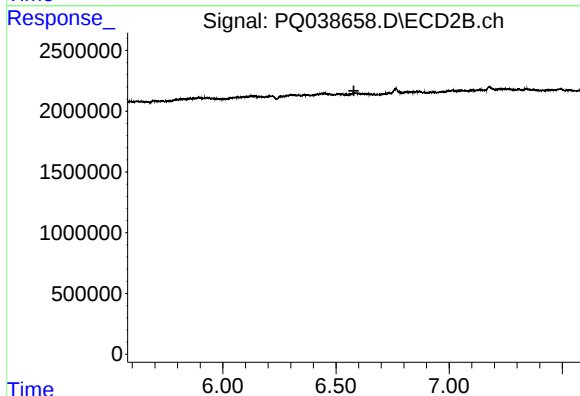
R.T.: 0.000 min
Exp R.T.: 7.097 min
Response: 0
Conc: N.D.



#31 AR-1260-1

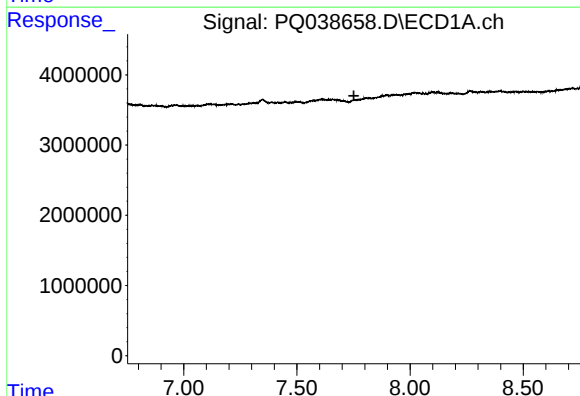
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 671083
Conc: 2.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



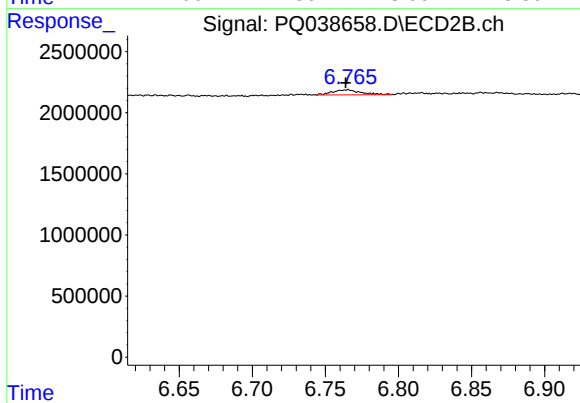
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



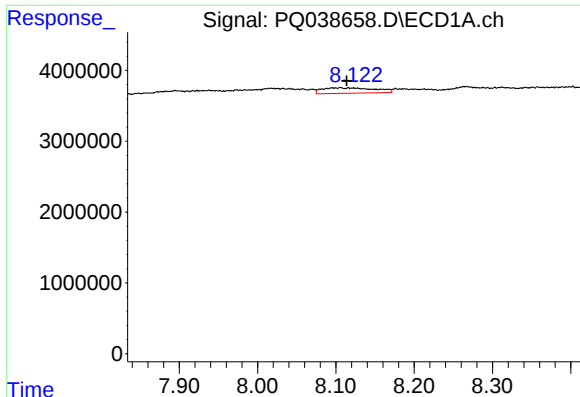
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.752 min
Response: 0
Conc: N.D.



#32 AR-1260-2

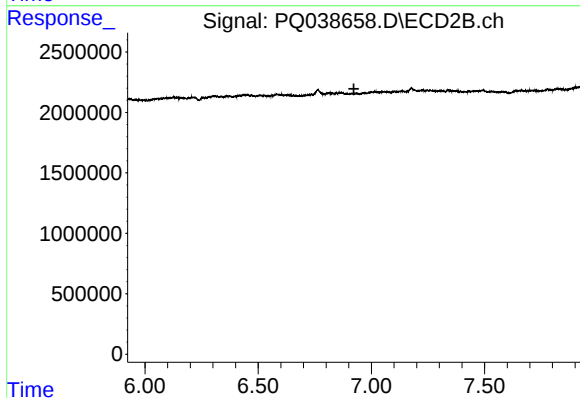
R.T.: 6.765 min
Delta R.T.: 0.001 min
Response: 553748
Conc: 2.55 ng/ml



#33 AR-1260-3

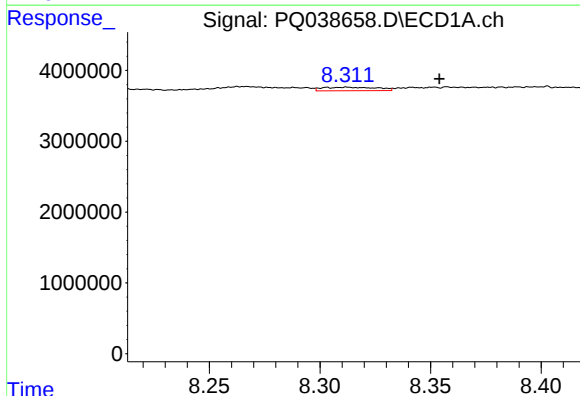
R.T.: 8.105 min
Delta R.T.: -0.009 min
Response: 3594167
Conc: 15.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



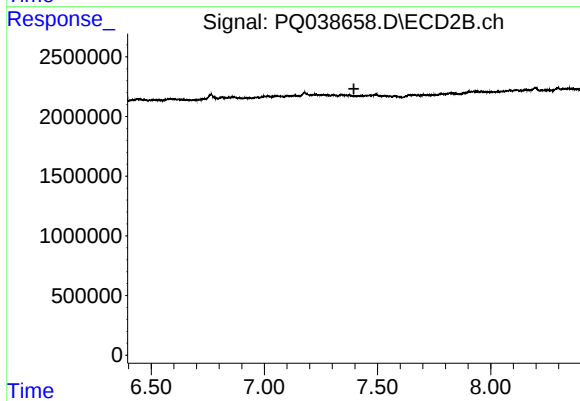
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



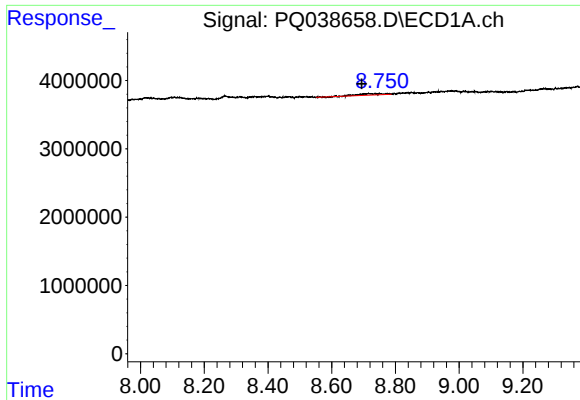
#34 AR-1260-4

R.T.: 8.312 min
Delta R.T.: -0.042 min
Response: 854252
Conc: 3.22 ng/ml



#34 AR-1260-4

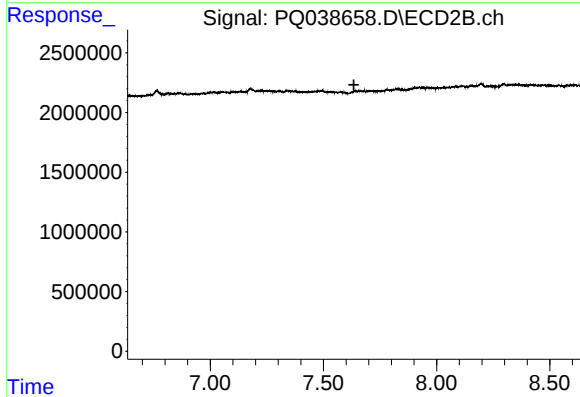
R.T.: 0.000 min
Exp R.T. : 7.396 min
Response: 0
Conc: N.D.



#35 AR-1260-5

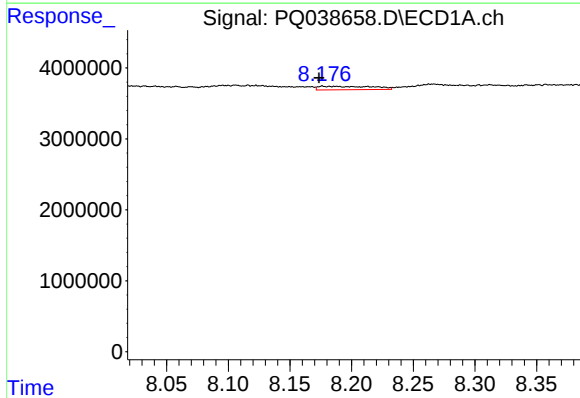
R.T.: 8.715 min
Delta R.T.: 0.021 min
Response: 1131428
Conc: 2.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



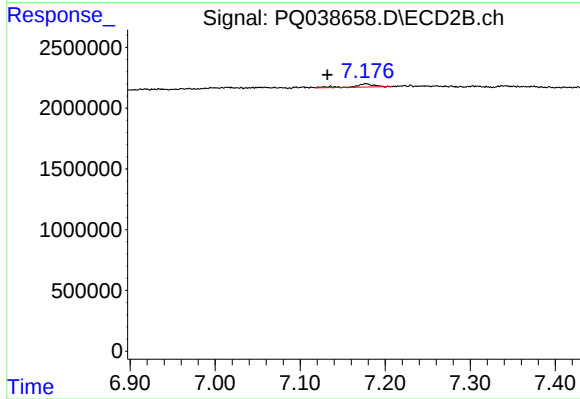
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



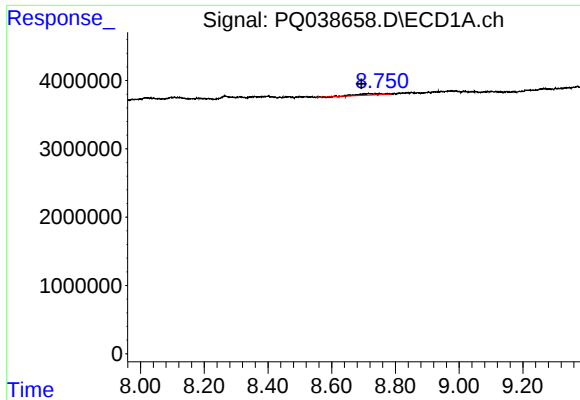
#36 AR-1262-1

R.T.: 8.179 min
Delta R.T.: 0.005 min
Response: 1495139
Conc: 11.79 ng/ml



#36 AR-1262-1

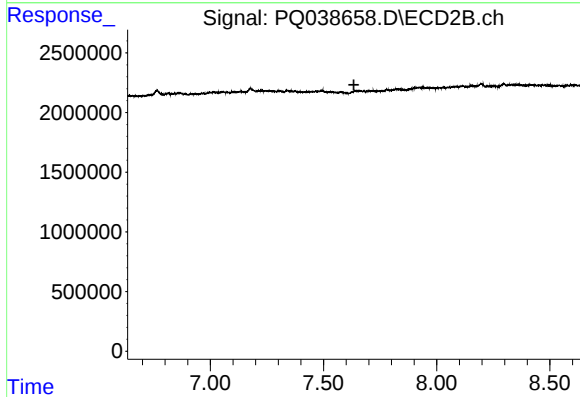
R.T.: 7.177 min
Delta R.T.: 0.045 min
Response: 423769
Conc: 1.77 ng/ml



#37 AR-1262-2

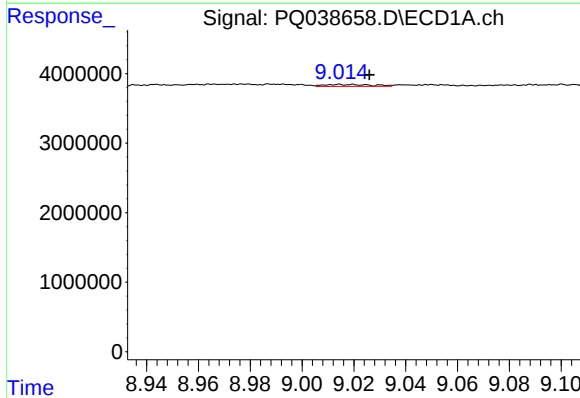
R.T.: 8.715 min
Delta R.T.: 0.022 min
Response: 1131428
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



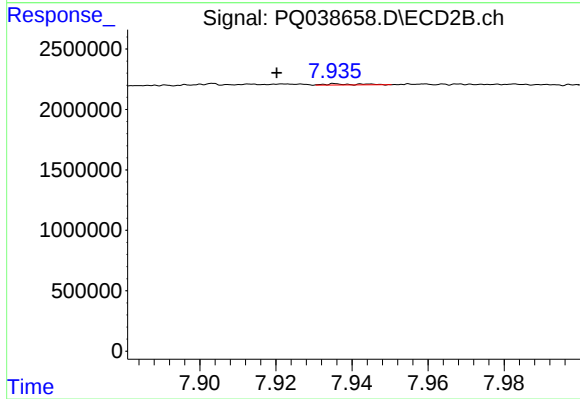
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



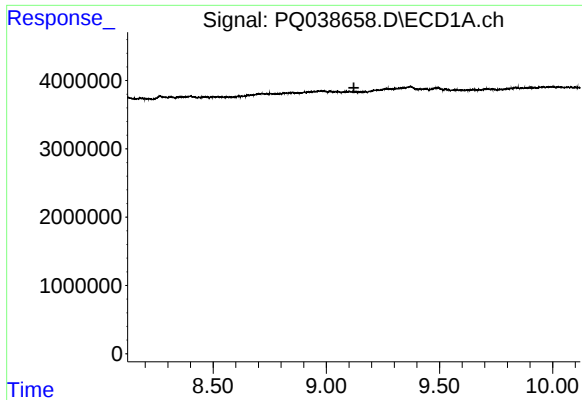
#38 AR-1262-3

R.T.: 9.015 min
Delta R.T.: -0.011 min
Response: 371223
Conc: 1.06 ng/ml



#38 AR-1262-3

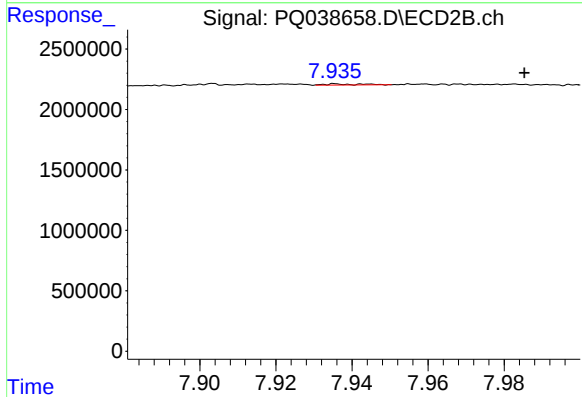
R.T.: 7.936 min
Delta R.T.: 0.016 min
Response: 56121
Conc: 0.35 ng/ml



#39 AR-1262-4

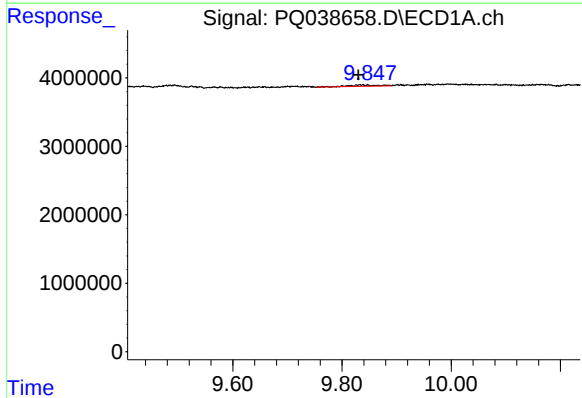
R.T.: 0.000 min
Exp R.T.: 9.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



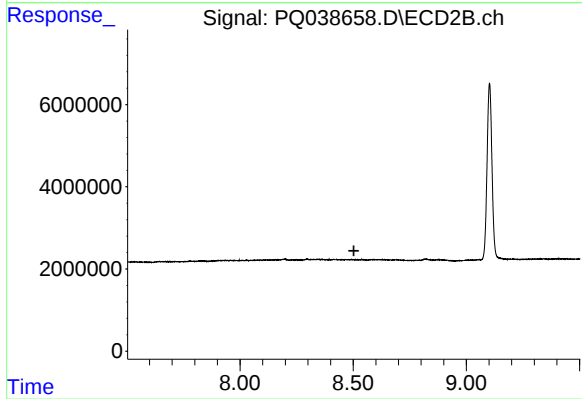
#39 AR-1262-4

R.T.: 7.936 min
Delta R.T.: -0.049 min
Response: 56121
Conc: 0.18 ng/ml



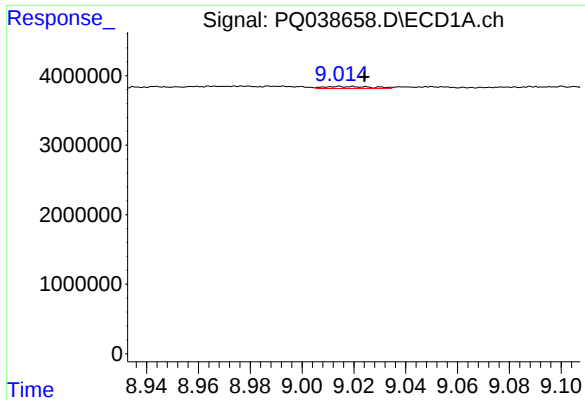
#40 AR-1262-5

R.T.: 9.846 min
Delta R.T.: 0.016 min
Response: 772954
Conc: 4.27 ng/ml



#40 AR-1262-5

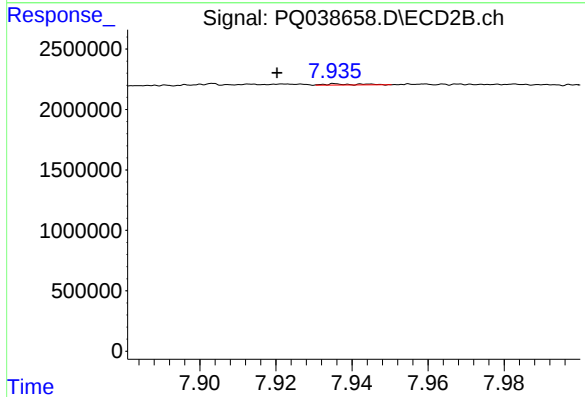
R.T.: 0.000 min
Exp R.T.: 8.503 min
Response: 0
Conc: N.D.



#41 AR-1268-1

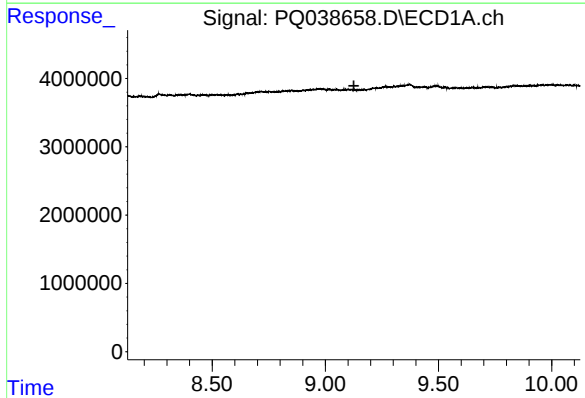
R.T.: 9.015 min
Delta R.T.: -0.009 min
Response: 371223
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



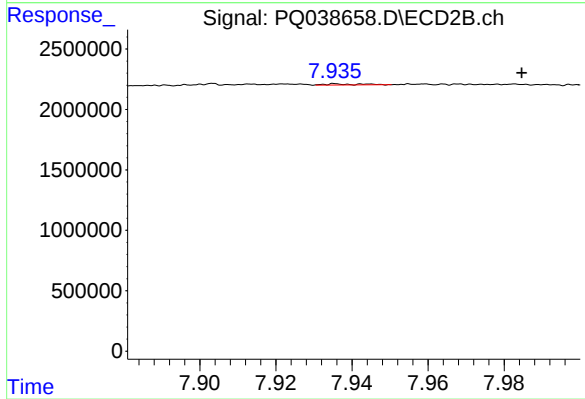
#41 AR-1268-1

R.T.: 7.936 min
Delta R.T.: 0.016 min
Response: 56121
Conc: 0.12 ng/ml



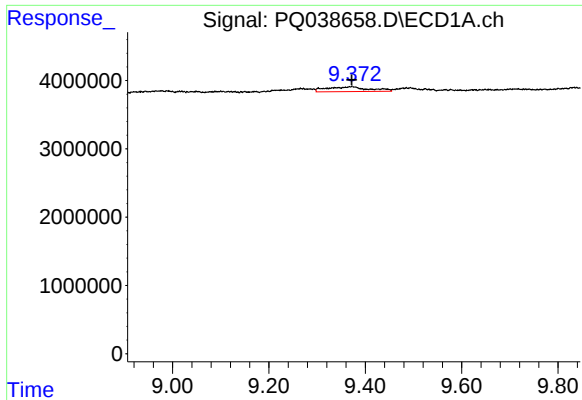
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.126 min
Response: 0
Conc: N.D.



#42 AR-1268-2

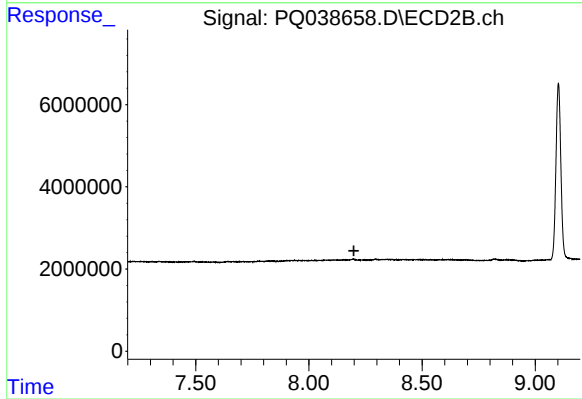
R.T.: 7.936 min
Delta R.T.: -0.049 min
Response: 56121
Conc: 0.13 ng/ml



#43 AR-1268-3

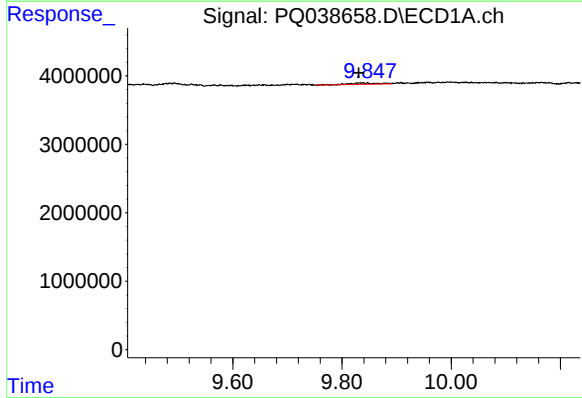
R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 4357662
Conc: 8.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



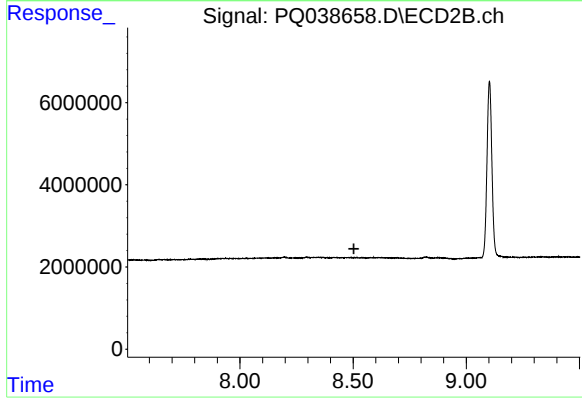
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.199 min
Response: 0
Conc: N.D.



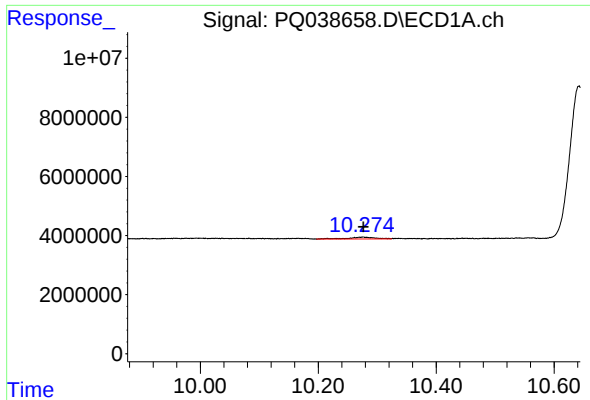
#44 AR-1268-4

R.T.: 9.846 min
Delta R.T.: 0.016 min
Response: 772954
Conc: 3.53 ng/ml



#44 AR-1268-4

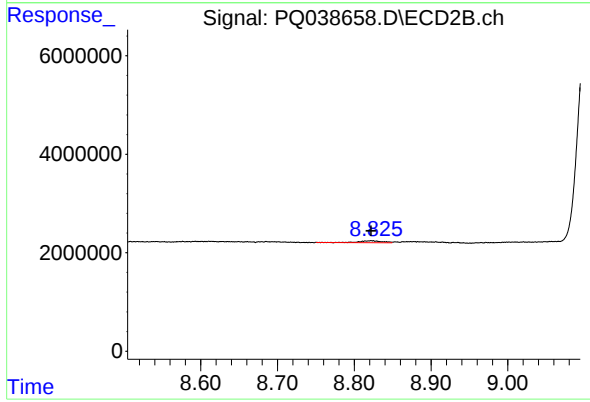
R.T.: 0.000 min
Exp R.T. : 8.504 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.275 min
Delta R.T.: -0.001 min
Response: 2010635
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.823 min
Delta R.T.: 0.001 min
Response: 842684
Conc: 0.73 ng/ml