

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082824\
 Data File : PQ068298.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 13:12
 Operator : YP\AJ
 Sample : P3675-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 DCYC4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 01:48:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.437	2.822	146.1E6	138.7E6	18.488	19.581
2) SA Decachlor...	8.609	7.600	79000953	120.6E6	34.734	35.668
Target Compounds						
3) L1 AR-1016-1	4.497f	0.000	18648406	0	82.510	N.D. #
4) L1 AR-1016-2	4.497f	0.000	18648406	0	52.984	N.D. #
5) L1 AR-1016-3	4.638	0.000	40307329	0	185.199	N.D. #
6) L1 AR-1016-4	4.718	0.000	17407999	0	96.243	N.D. #
7) L1 AR-1016-5	5.040f	4.239	1295715	1789451	7.455	9.717 #
8) L2 AR-1221-1	3.569f	3.092f	692106	1733043	7.538	20.283 #
9) L2 AR-1221-2	3.716	3.092	2602366	1733043	40.763	29.074 #
12) L3 AR-1232-2	4.284	0.000	30546965	0	336.318	N.D. #
13) L3 AR-1232-3	4.497f	0.000	18648406	0	110.271	N.D. #
14) L3 AR-1232-4	4.718	0.000	17407999	0	201.479	N.D. #
15) L3 AR-1232-5	4.812	4.239	5395504	1789451	95.544	22.765 #
16) L4 AR-1242-1	4.497f	0.000	18648406	0	91.234	N.D. #
17) L4 AR-1242-2	4.497f	0.000	18648406	0	59.598	N.D. #
18) L4 AR-1242-3	4.638	0.000	40307329	0	206.012	N.D. #
19) L4 AR-1242-4	4.718	0.000	17407999	0	107.708	N.D. #
20) L4 AR-1242-5	5.449	4.605	9504390	765393	56.215	3.959 #
21) L5 AR-1248-1	4.497f	0.000	18648406	0	121.126	N.D. #
22) L5 AR-1248-2	4.812	0.000	5395504	0	25.675	N.D. #
23) L5 AR-1248-3	5.040f	0.000	1295715	0	5.135	N.D. #
24) L5 AR-1248-4	5.350f	4.239	9445509	1789451	33.592	6.776 #
25) L5 AR-1248-5	5.449	4.617	9504390	639044	33.670	2.416 #
26) L6 AR-1254-1	5.350	4.605	9445509	765393	34.143	1.948 #
27) L6 AR-1254-2	5.584	0.000	3743334	0	8.766	N.D. #
28) L6 AR-1254-3	5.925	0.000	5244929	0	11.678	N.D. #
29) L6 AR-1254-4	6.222	5.360	2340408	2860889	7.320	8.482
30) L6 AR-1254-5	6.628	5.733	1422644	4565706	4.103	9.371 #
31) L7 AR-1260-1	6.114	5.247	889439	337489	2.695	0.928 #
32) L7 AR-1260-2	6.362	5.497f	311037	451730	0.825	1.029
33) L7 AR-1260-3	6.707	5.586	316311	2928851	1.144	6.795 #
34) L7 AR-1260-4	6.941	6.108f	833144	1235304	2.729	3.638 #
35) L7 AR-1260-5	7.260	6.330f	3683172	4858017	6.311	6.121
36) L8 AR-1262-1	6.707	5.794	316311	577879	0.749	1.123 #
37) L8 AR-1262-2	7.260	6.330f	3683172	4858017	5.393	5.395
38) L8 AR-1262-3	7.513	6.552	108546	2637974	0.245	7.680 #
39) L8 AR-1262-4	7.559	0.000	776731	0	2.267	N.D. #
40) L8 AR-1262-5	8.033f	0.000	1090107	0	5.190	N.D. #
41) L9 AR-1268-1	7.513	6.552	108546	2637974	0.141	2.648 #
42) L9 AR-1268-2	7.559	0.000	776731	0	1.082	N.D. #
43) L9 AR-1268-3	7.770	6.828	934764	1168655	1.618	1.432

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
44)	L9 AR-1268-4	8.033f	0.000	1090107	0	4.730	N.D.	#
45)	L9 AR-1268-5	8.315f	7.383	1186689	2080485	0.730	0.861	

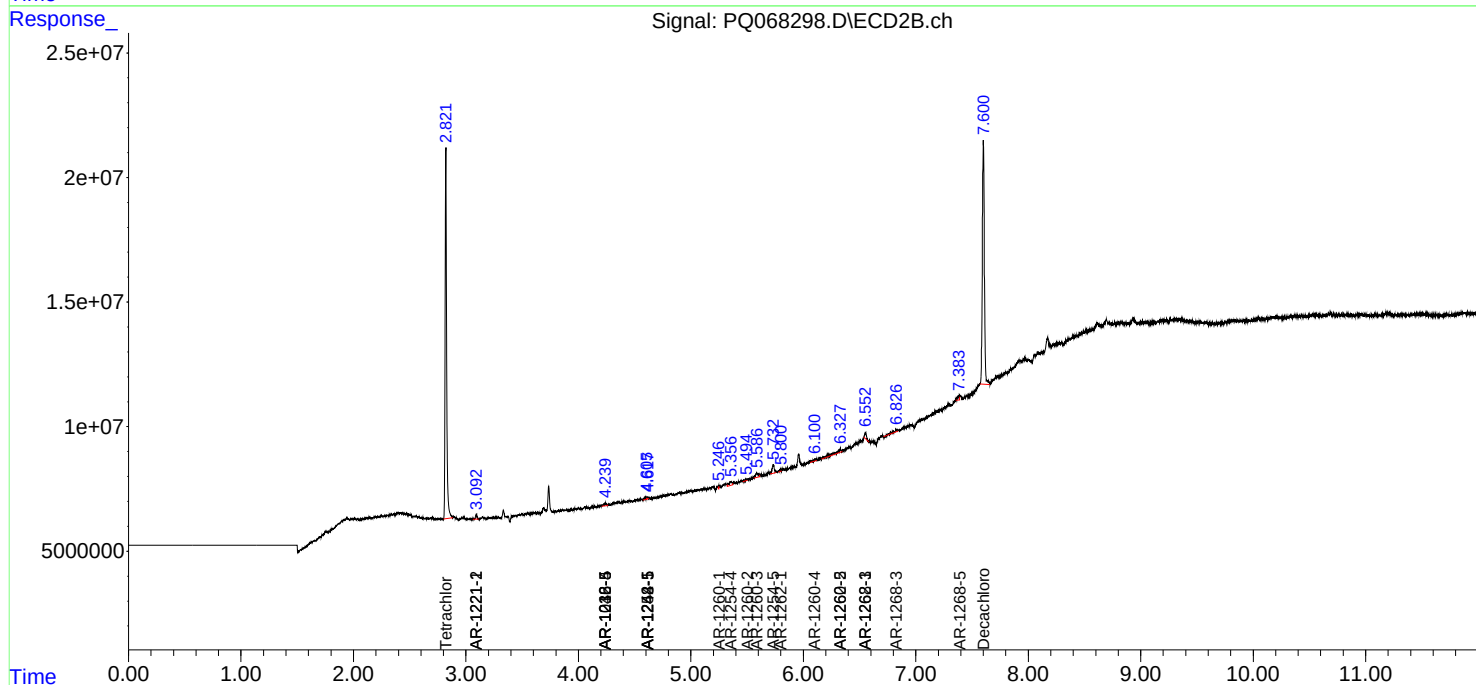
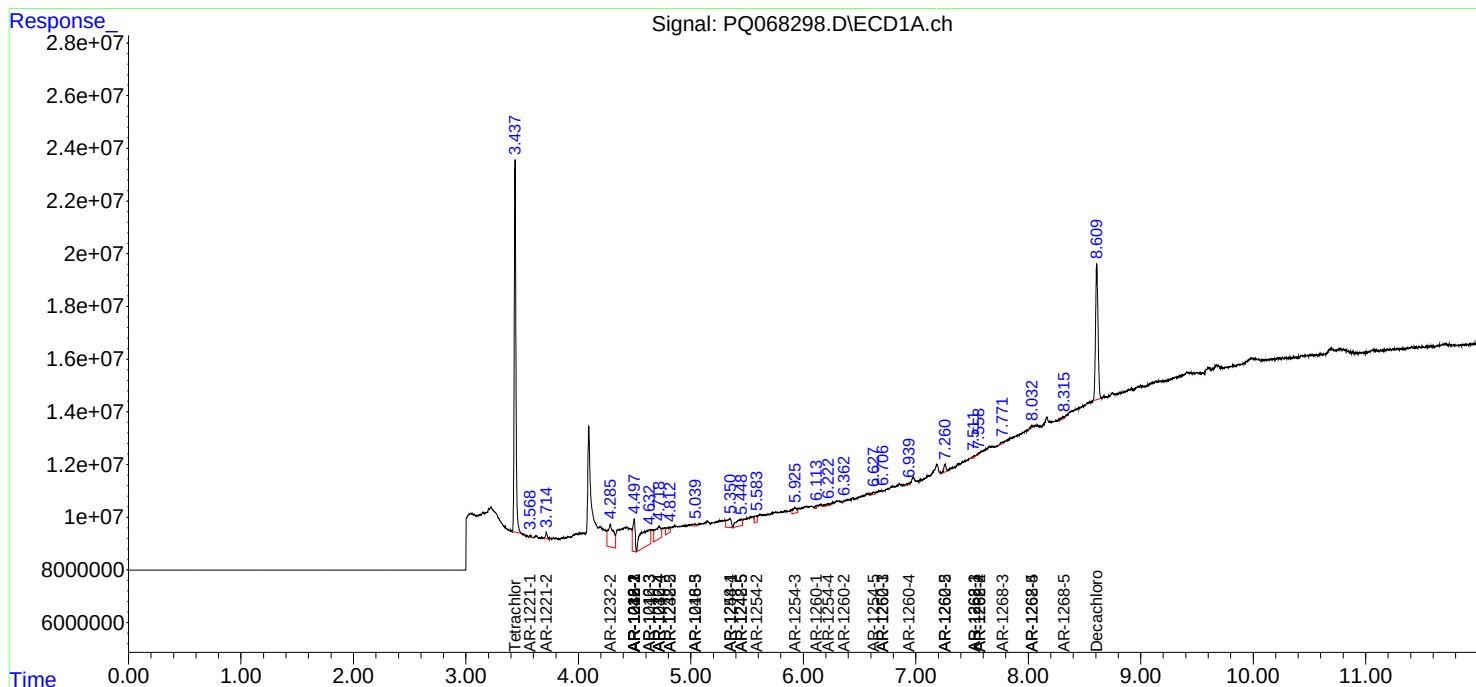
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

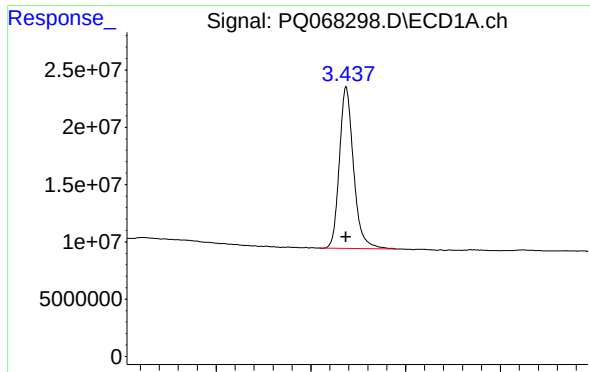
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082824\
Data File : PQ068298.D
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Integration File signal 1: autoint1.e
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Quant Time: Aug 29 01:48:01 2024
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Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 02:08:25 2024
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

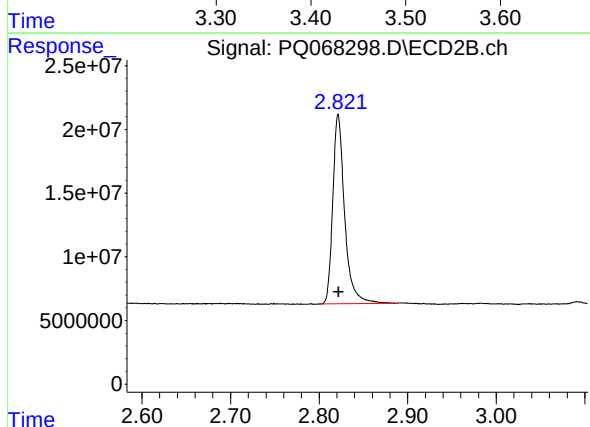




#1 Tetrachloro-m-xylene

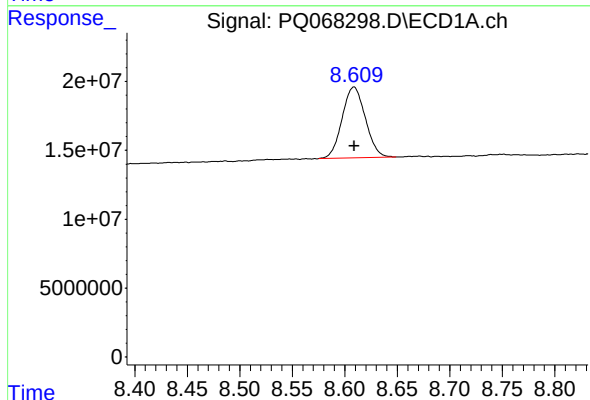
R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 146067243
Conc: 18.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



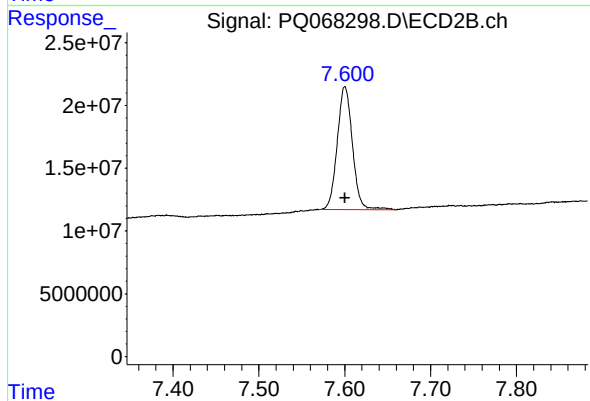
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 138681828
Conc: 19.58 ng/ml



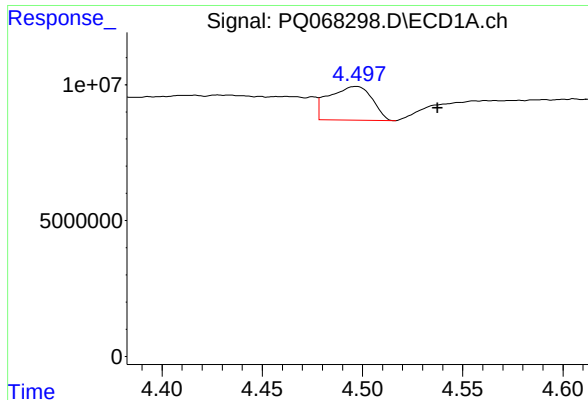
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 79000953
Conc: 34.73 ng/ml



#2 Decachlorobiphenyl

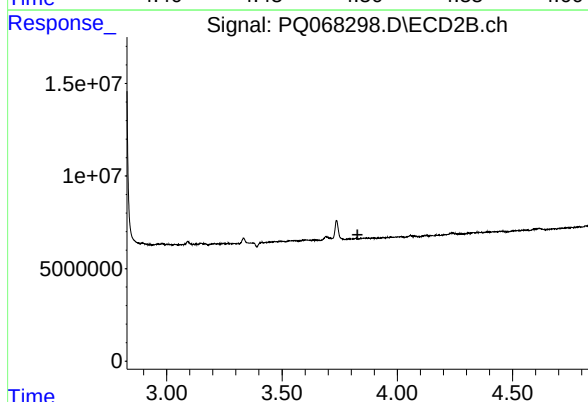
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 120630632
Conc: 35.67 ng/ml



#3 AR-1016-1

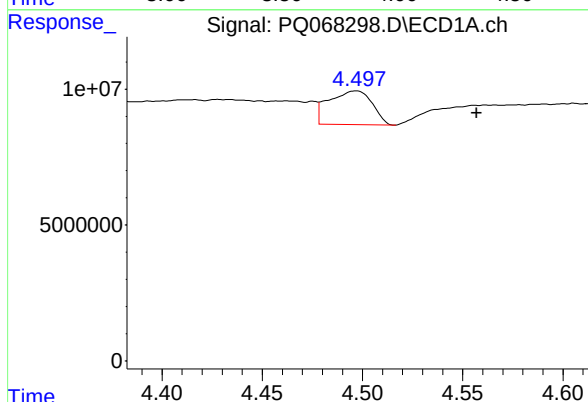
R.T.: 4.497 min
Delta R.T.: -0.041 min
Response: 18648406
Conc: 82.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



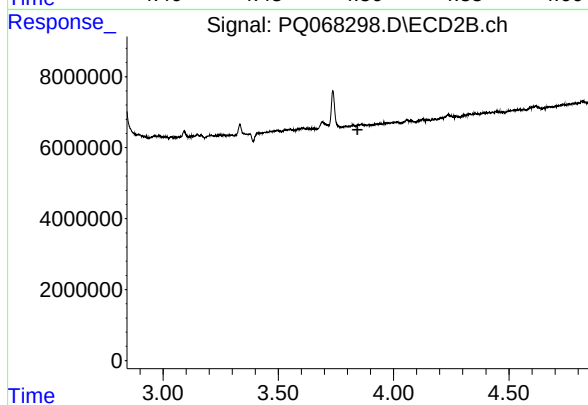
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.828 min
Response: 0
Conc: N.D.



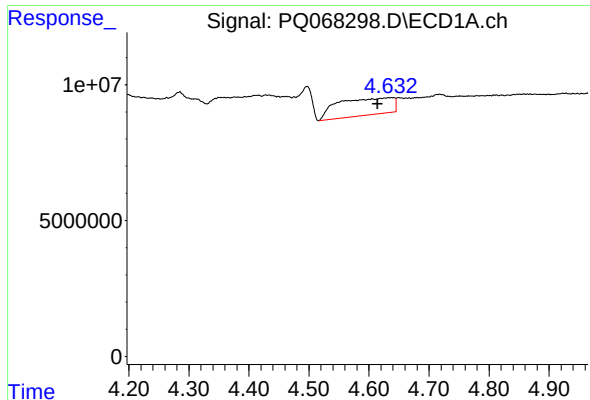
#4 AR-1016-2

R.T.: 4.497 min
Delta R.T.: -0.060 min
Response: 18648406
Conc: 52.98 ng/ml



#4 AR-1016-2

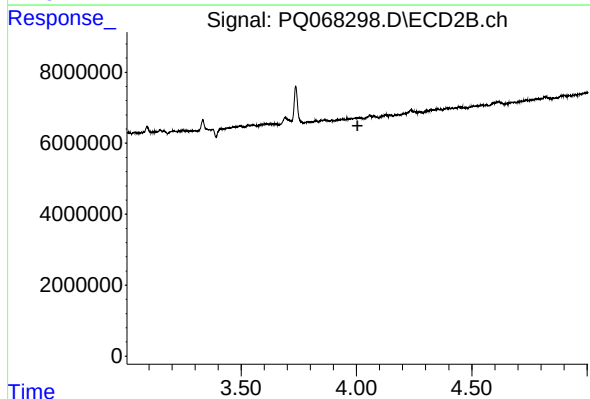
R.T.: 0.000 min
Exp R.T. : 3.844 min
Response: 0
Conc: N.D.



#5 AR-1016-3

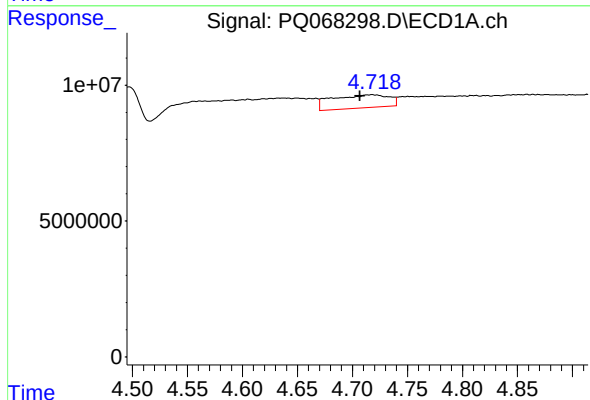
R.T.: 4.638 min
Delta R.T.: 0.023 min
Response: 40307329
Conc: 185.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



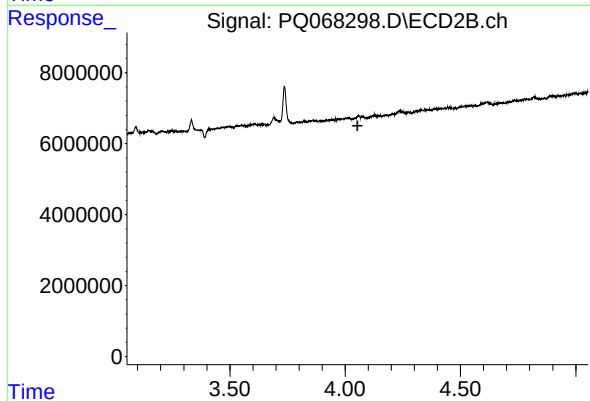
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 4.005 min
Response: 0
Conc: N.D.



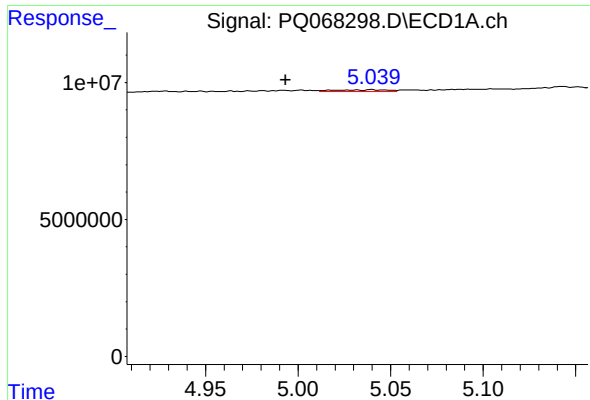
#6 AR-1016-4

R.T.: 4.718 min
Delta R.T.: 0.011 min
Response: 17407999
Conc: 96.24 ng/ml



#6 AR-1016-4

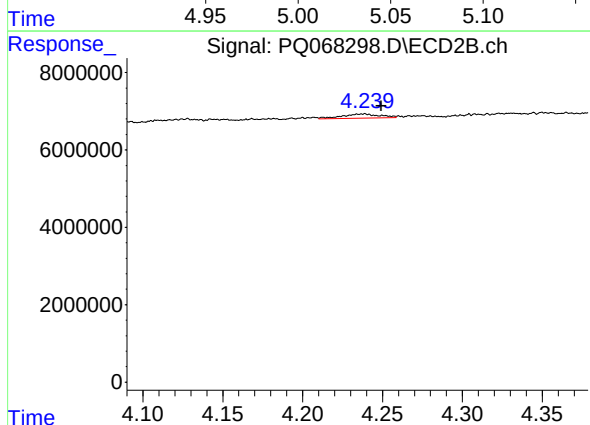
R.T.: 0.000 min
Exp R.T.: 4.053 min
Response: 0
Conc: N.D.



#7 AR-1016-5

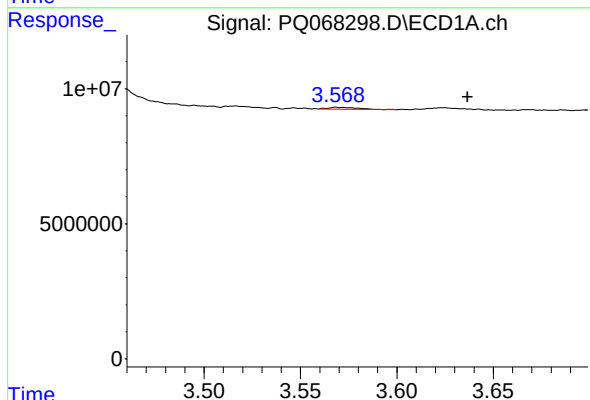
R.T.: 5.040 min
Delta R.T.: 0.046 min
Response: 1295715
Conc: 7.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



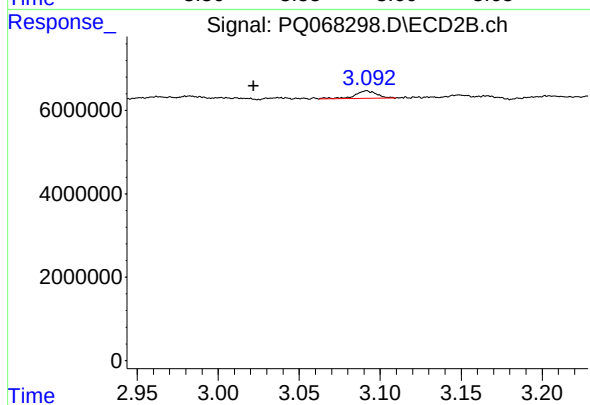
#7 AR-1016-5

R.T.: 4.239 min
Delta R.T.: -0.010 min
Response: 1789451
Conc: 9.72 ng/ml



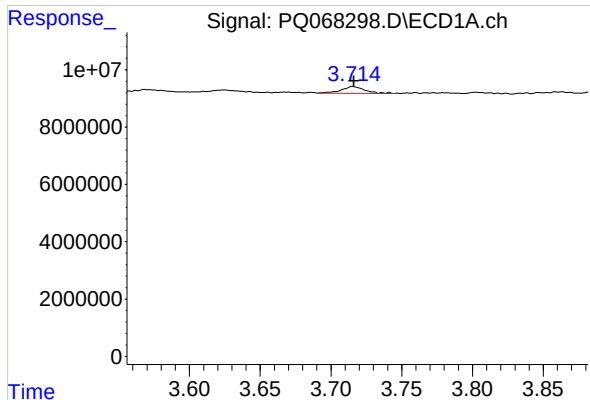
#8 AR-1221-1

R.T.: 3.569 min
Delta R.T.: -0.068 min
Response: 692106
Conc: 7.54 ng/ml



#8 AR-1221-1

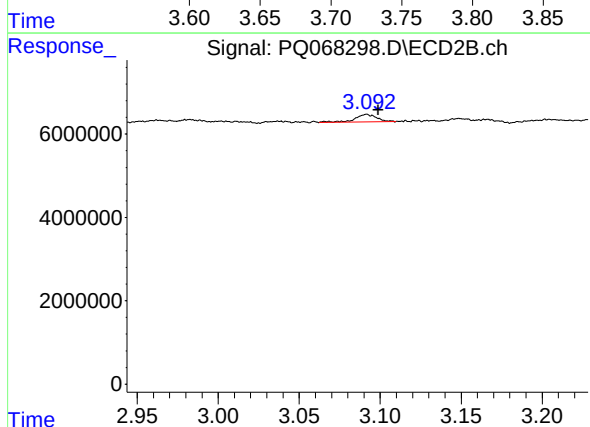
R.T.: 3.092 min
Delta R.T.: 0.070 min
Response: 1733043
Conc: 20.28 ng/ml



#9 AR-1221-2

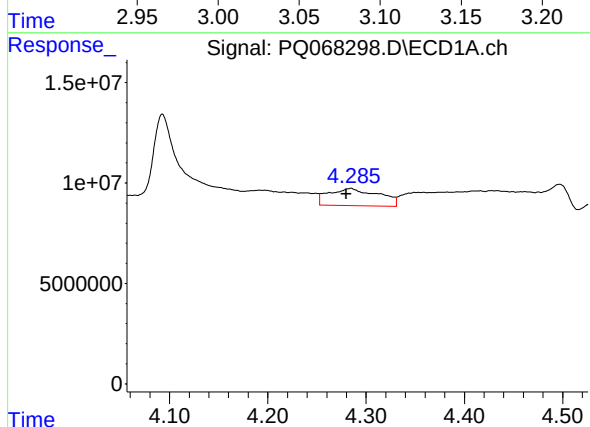
R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 2602366
Conc: 40.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



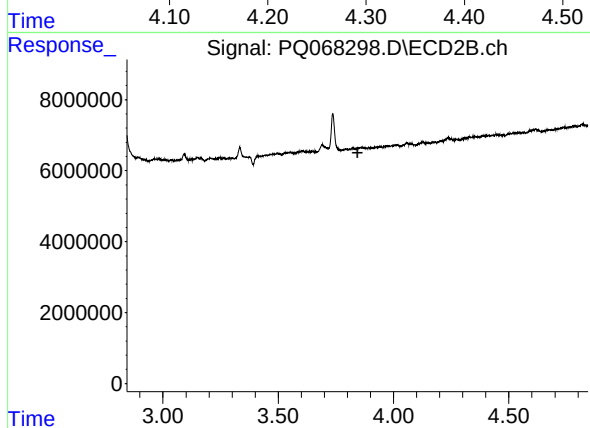
#9 AR-1221-2

R.T.: 3.092 min
Delta R.T.: -0.007 min
Response: 1733043
Conc: 29.07 ng/ml



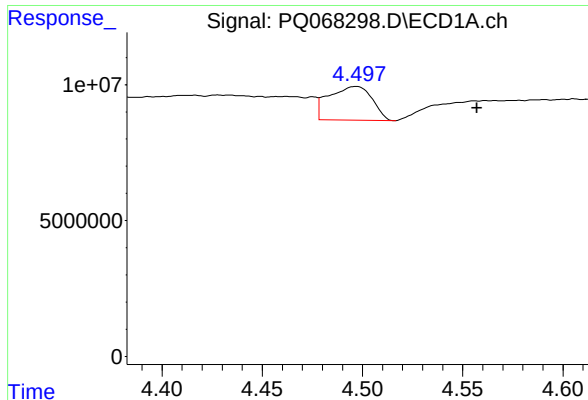
#12 AR-1232-2

R.T.: 4.284 min
Delta R.T.: 0.005 min
Response: 30546965
Conc: 336.32 ng/ml



#12 AR-1232-2

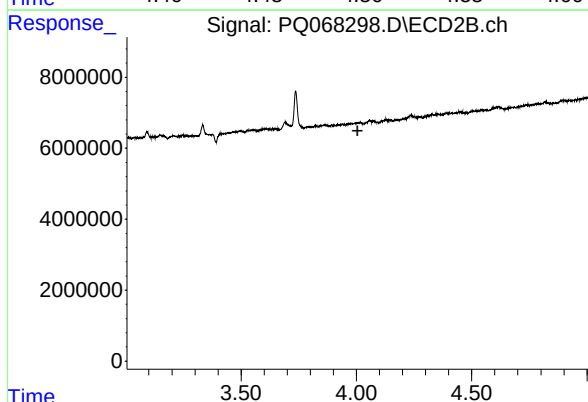
R.T.: 0.000 min
Exp R.T.: 3.844 min
Response: 0
Conc: N.D.



#13 AR-1232-3

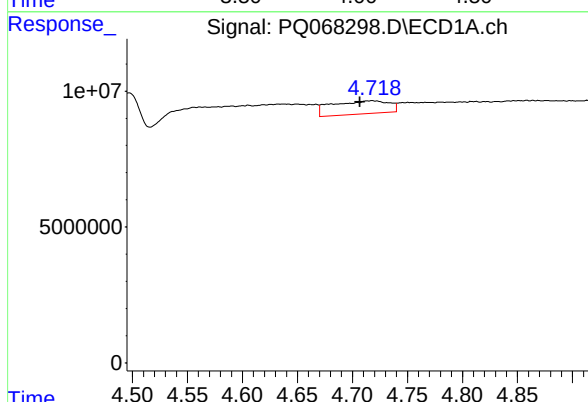
R.T.: 4.497 min
Delta R.T.: -0.060 min
Response: 18648406
Conc: 110.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



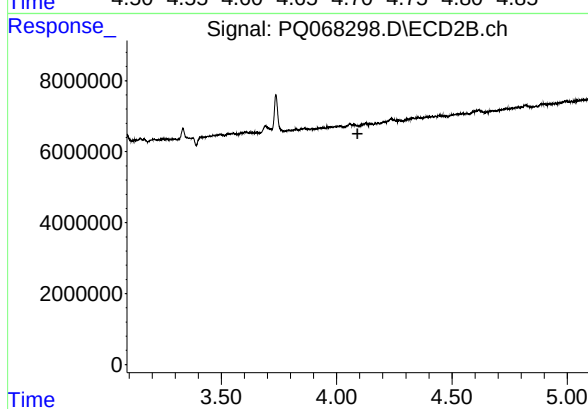
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.005 min
Response: 0
Conc: N.D.



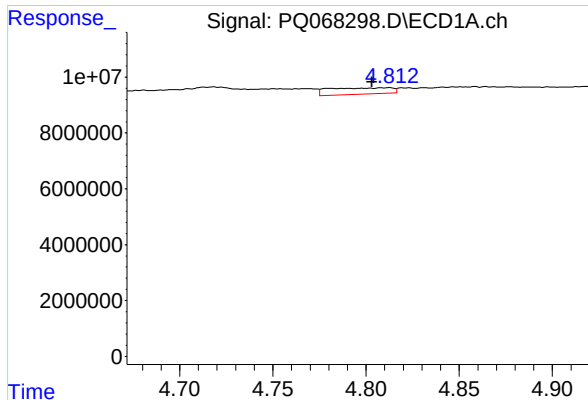
#14 AR-1232-4

R.T.: 4.718 min
Delta R.T.: 0.011 min
Response: 17407999
Conc: 201.48 ng/ml



#14 AR-1232-4

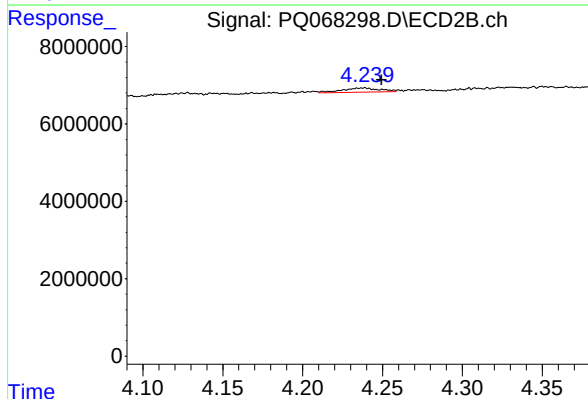
R.T.: 0.000 min
Exp R.T.: 4.091 min
Response: 0
Conc: N.D.



#15 AR-1232-5

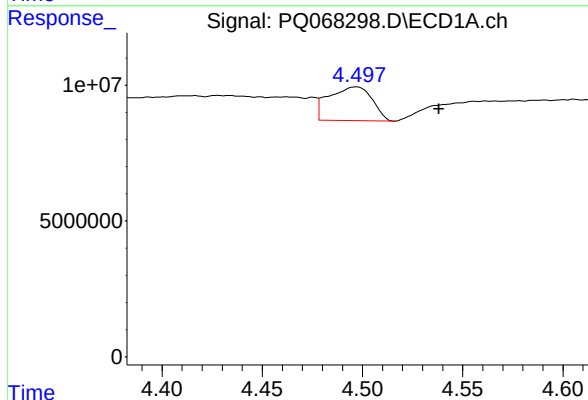
R.T.: 4.812 min
Delta R.T.: 0.009 min
Response: 5395504
Conc: 95.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



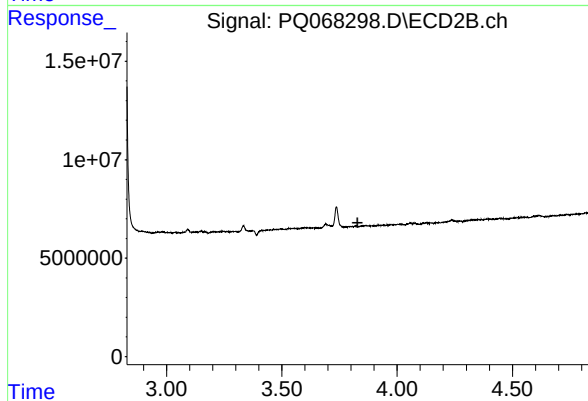
#15 AR-1232-5

R.T.: 4.239 min
Delta R.T.: -0.010 min
Response: 1789451
Conc: 22.77 ng/ml



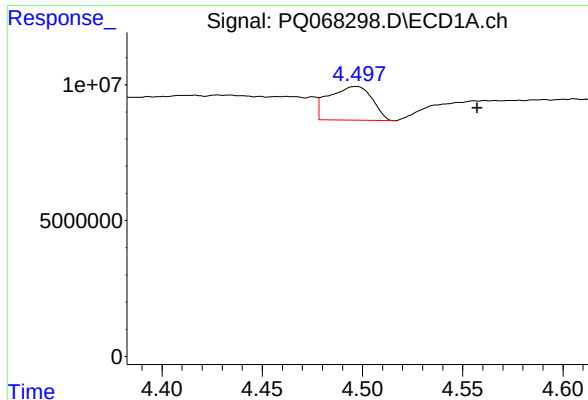
#16 AR-1242-1

R.T.: 4.497 min
Delta R.T.: -0.041 min
Response: 18648406
Conc: 91.23 ng/ml



#16 AR-1242-1

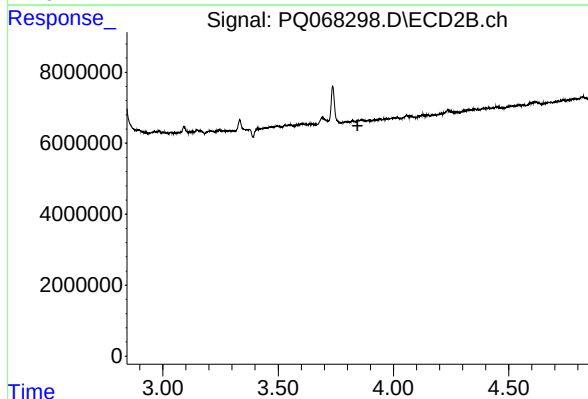
R.T.: 0.000 min
Exp R.T.: 3.828 min
Response: 0
Conc: N.D.



#17 AR-1242-2

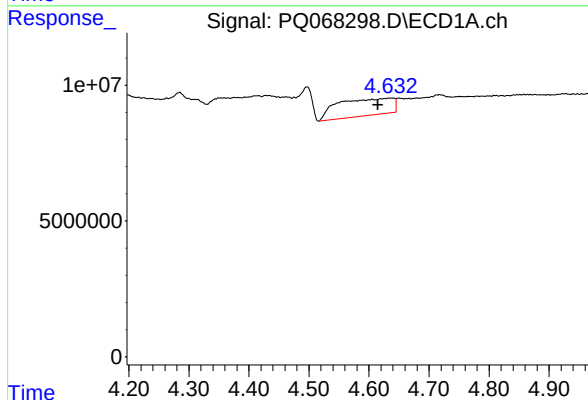
R.T.: 4.497 min
Delta R.T.: -0.060 min
Response: 18648406
Conc: 59.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



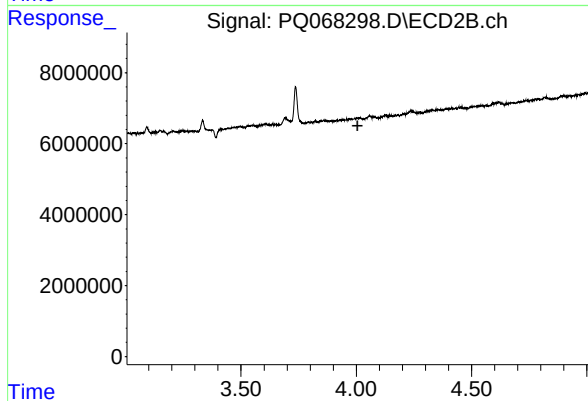
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 3.844 min
Response: 0
Conc: N.D.



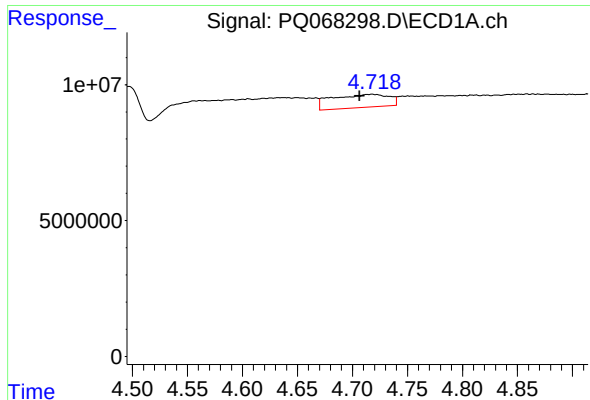
#18 AR-1242-3

R.T.: 4.638 min
Delta R.T.: 0.023 min
Response: 40307329
Conc: 206.01 ng/ml



#18 AR-1242-3

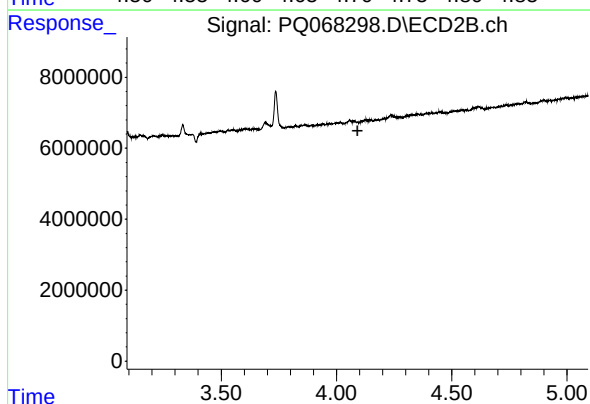
R.T.: 0.000 min
Exp R.T. : 4.005 min
Response: 0
Conc: N.D.



#19 AR-1242-4

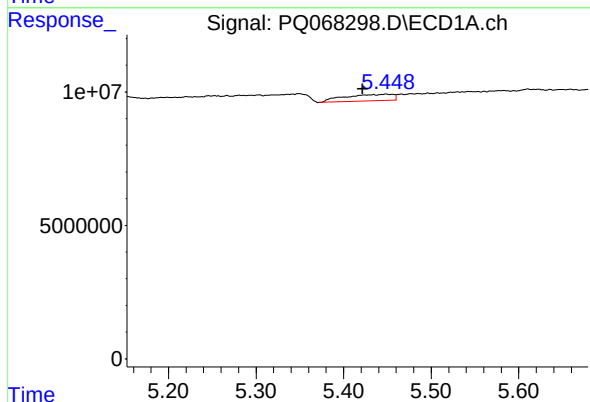
R.T.: 4.718 min
Delta R.T.: 0.011 min
Response: 17407999
Conc: 107.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



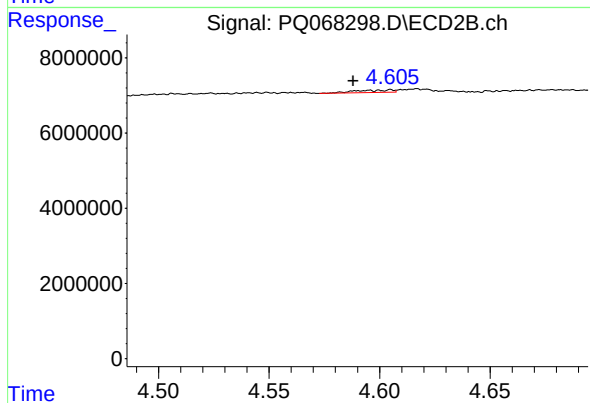
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 4.091 min
Response: 0
Conc: N.D.



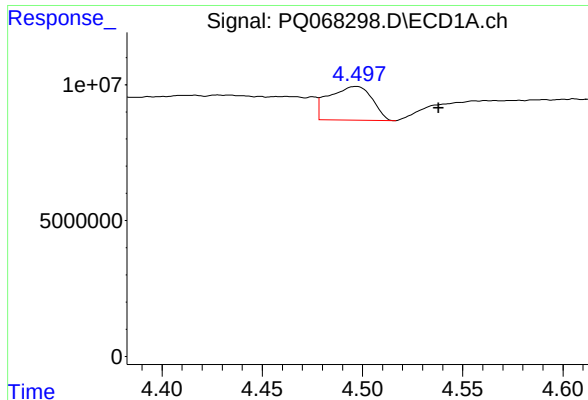
#20 AR-1242-5

R.T.: 5.449 min
Delta R.T.: 0.027 min
Response: 9504390
Conc: 56.22 ng/ml



#20 AR-1242-5

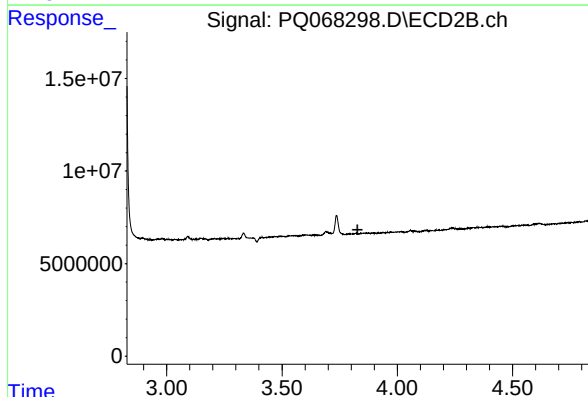
R.T.: 4.605 min
Delta R.T.: 0.017 min
Response: 765393
Conc: 3.96 ng/ml



#21 AR-1248-1

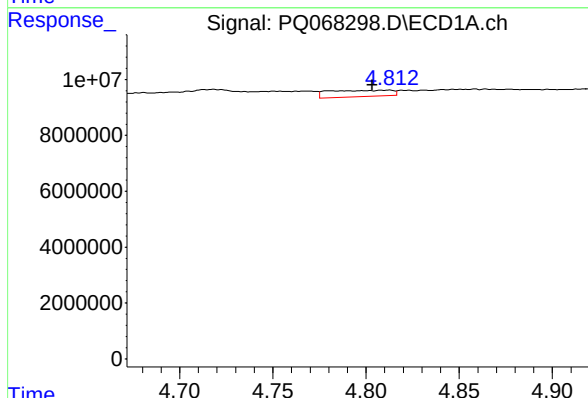
R.T.: 4.497 min
Delta R.T.: -0.041 min
Response: 18648406
Conc: 121.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



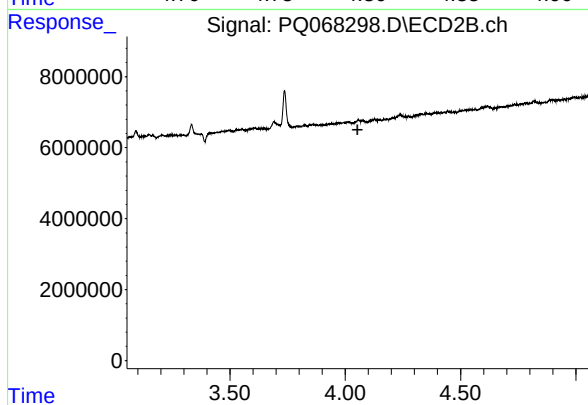
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 3.828 min
Response: 0
Conc: N.D.



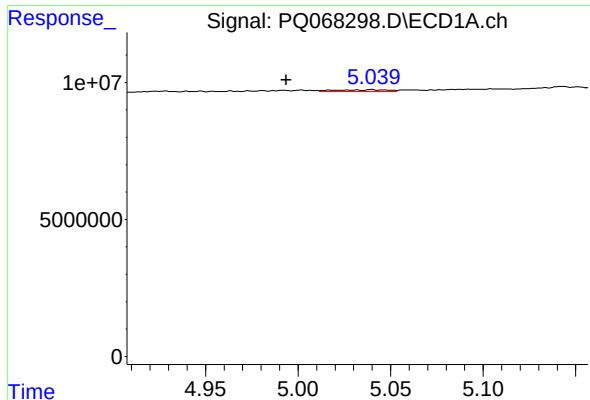
#22 AR-1248-2

R.T.: 4.812 min
Delta R.T.: 0.009 min
Response: 5395504
Conc: 25.68 ng/ml



#22 AR-1248-2

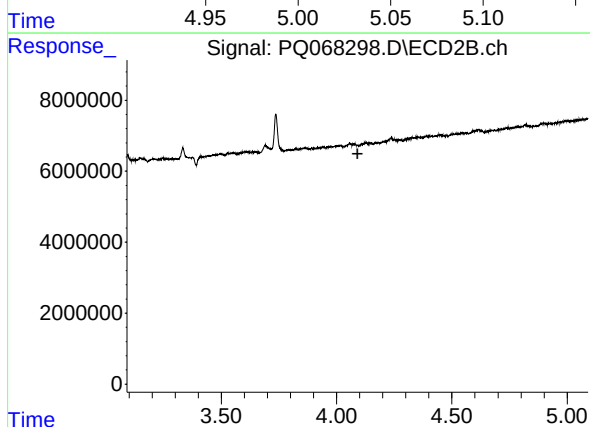
R.T.: 0.000 min
Exp R.T. : 4.053 min
Response: 0
Conc: N.D.



#23 AR-1248-3

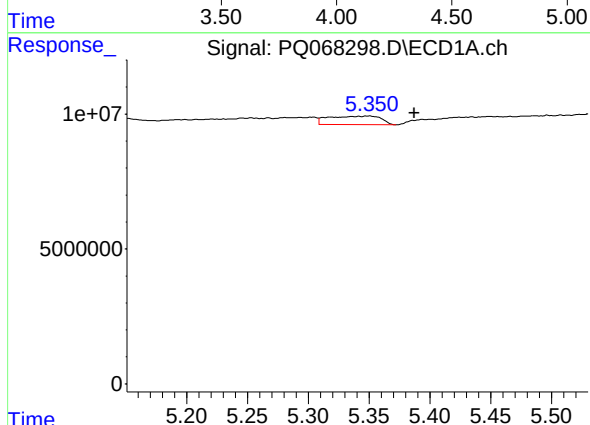
R.T.: 5.040 min
Delta R.T.: 0.046 min
Response: 1295715
Conc: 5.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



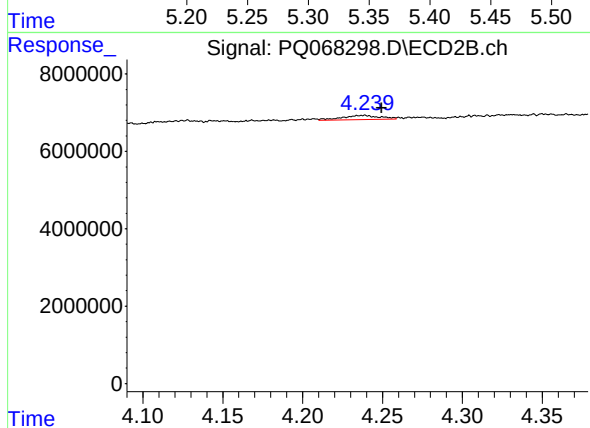
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 4.091 min
Response: 0
Conc: N.D.



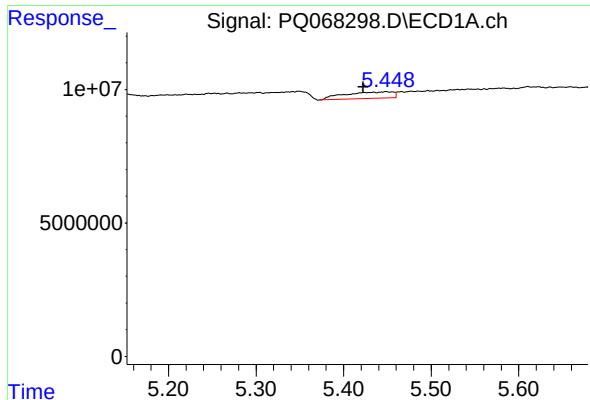
#24 AR-1248-4

R.T.: 5.350 min
Delta R.T.: -0.038 min
Response: 9445509
Conc: 33.59 ng/ml



#24 AR-1248-4

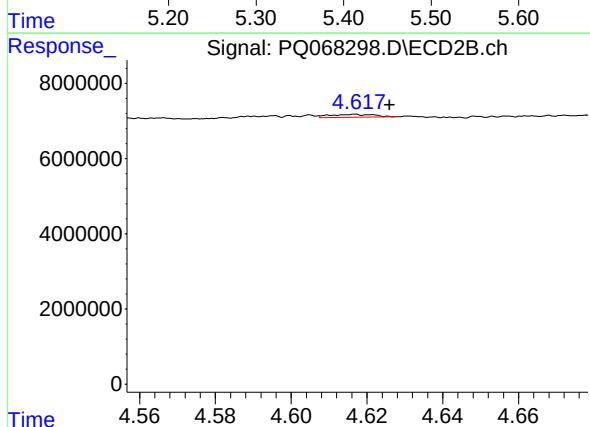
R.T.: 4.239 min
Delta R.T.: -0.010 min
Response: 1789451
Conc: 6.78 ng/ml



#25 AR-1248-5

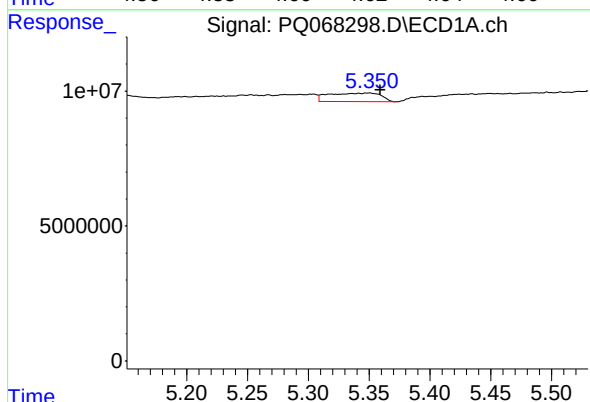
R.T.: 5.449 min
Delta R.T.: 0.026 min
Response: 9504390
Conc: 33.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



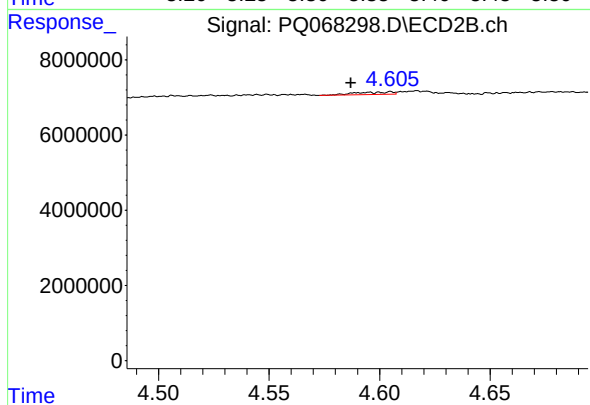
#25 AR-1248-5

R.T.: 4.617 min
Delta R.T.: -0.009 min
Response: 639044
Conc: 2.42 ng/ml



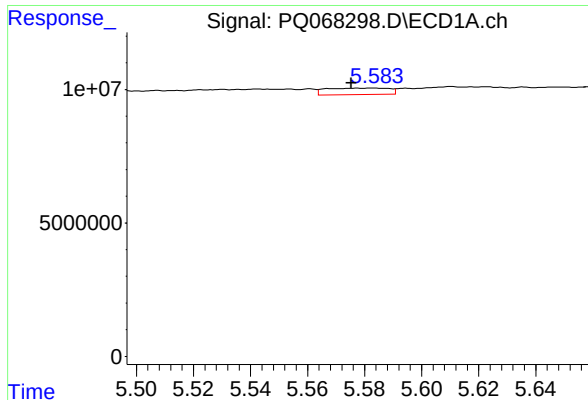
#26 AR-1254-1

R.T.: 5.350 min
Delta R.T.: -0.010 min
Response: 9445509
Conc: 34.14 ng/ml



#26 AR-1254-1

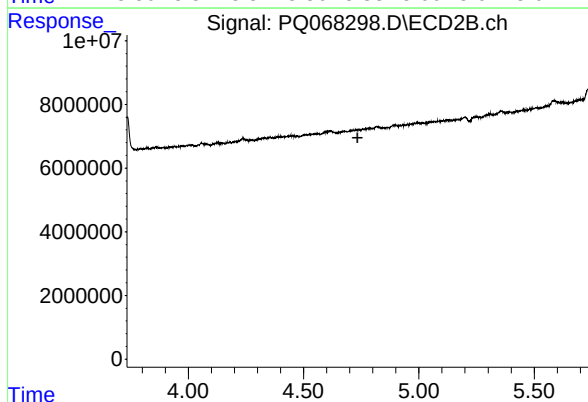
R.T.: 4.605 min
Delta R.T.: 0.018 min
Response: 765393
Conc: 1.95 ng/ml



#27 AR-1254-2

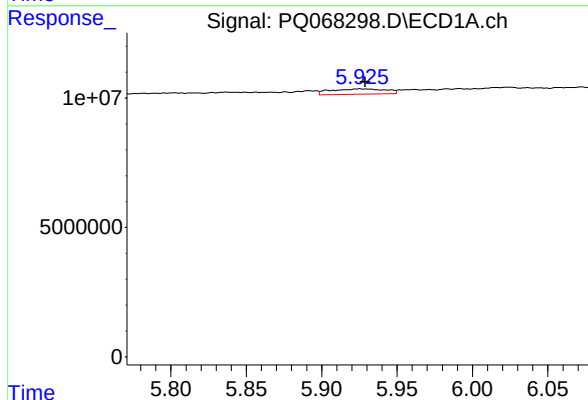
R.T.: 5.584 min
Delta R.T.: 0.008 min
Response: 3743334
Conc: 8.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



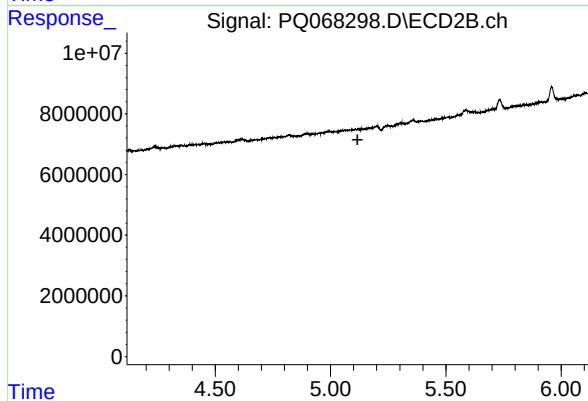
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



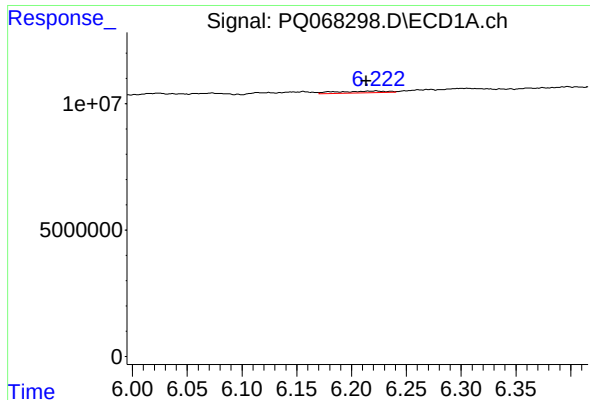
#28 AR-1254-3

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 5244929
Conc: 11.68 ng/ml



#28 AR-1254-3

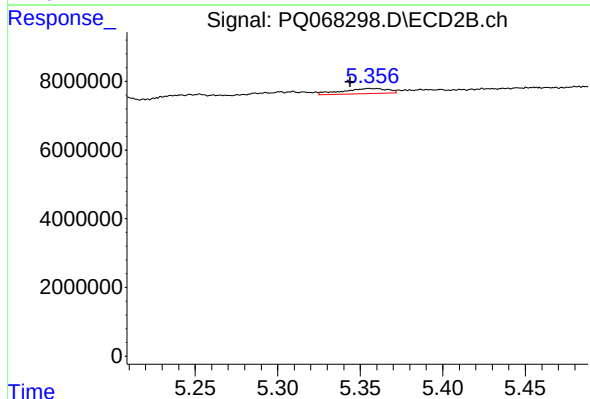
R.T.: 0.000 min
Exp R.T. : 5.117 min
Response: 0
Conc: N.D.



#29 AR-1254-4

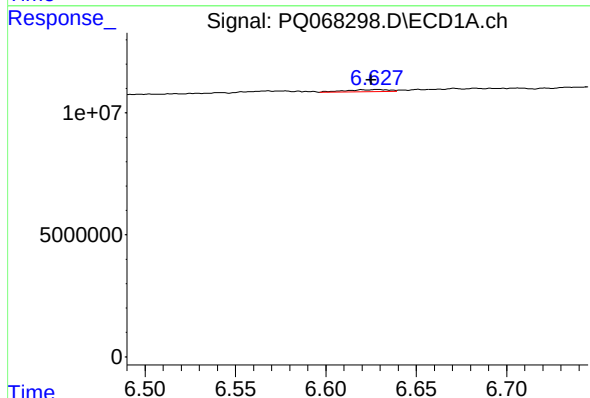
R.T.: 6.222 min
Delta R.T.: 0.009 min
Response: 2340408
Conc: 7.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



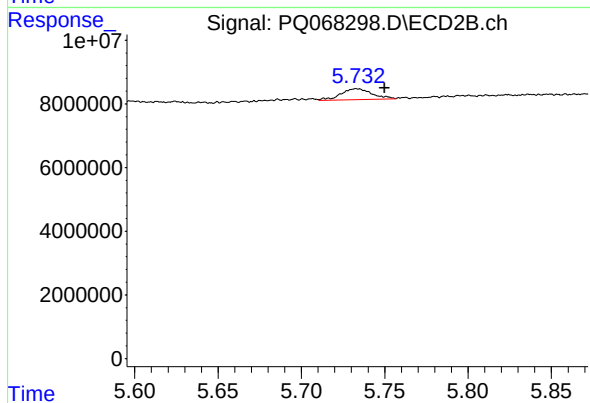
#29 AR-1254-4

R.T.: 5.360 min
Delta R.T.: 0.016 min
Response: 2860889
Conc: 8.48 ng/ml



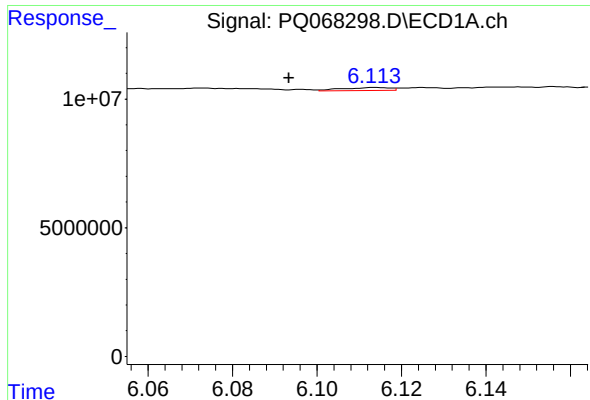
#30 AR-1254-5

R.T.: 6.628 min
Delta R.T.: 0.003 min
Response: 1422644
Conc: 4.10 ng/ml



#30 AR-1254-5

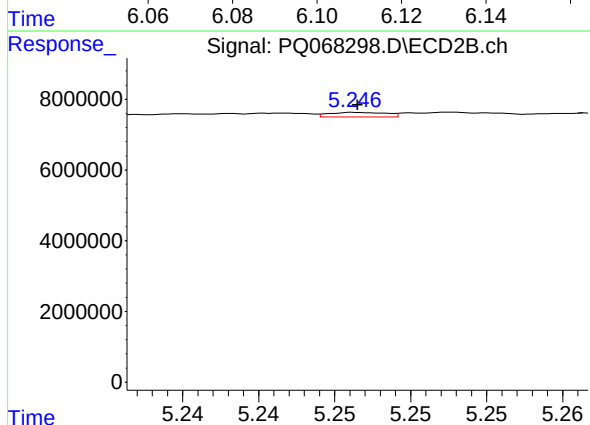
R.T.: 5.733 min
Delta R.T.: -0.017 min
Response: 4565706
Conc: 9.37 ng/ml



#31 AR-1260-1

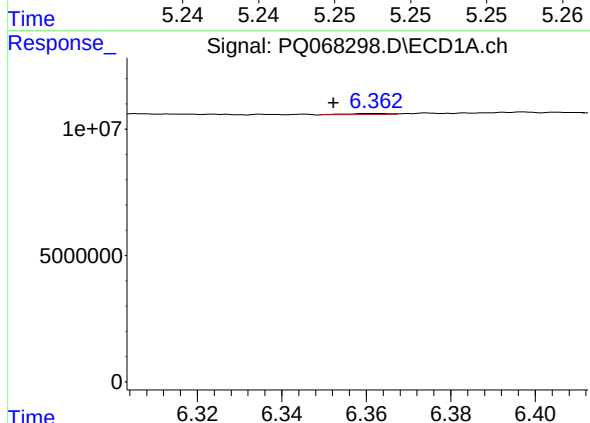
R.T.: 6.114 min
Delta R.T.: 0.021 min
Response: 889439
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



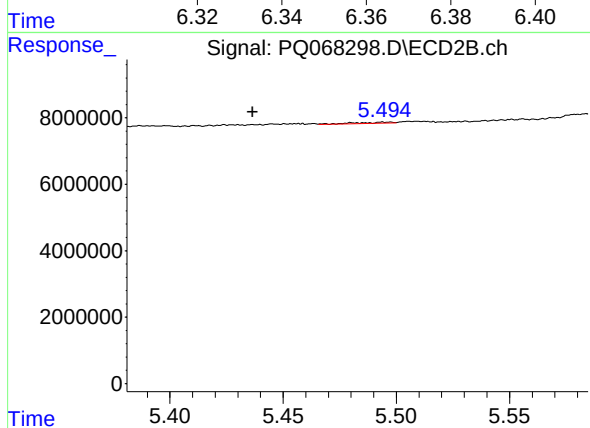
#31 AR-1260-1

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 337489
Conc: 0.93 ng/ml



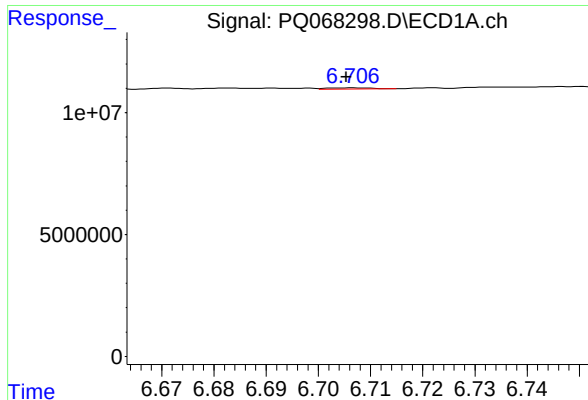
#32 AR-1260-2

R.T.: 6.362 min
Delta R.T.: 0.010 min
Response: 311037
Conc: 0.83 ng/ml



#32 AR-1260-2

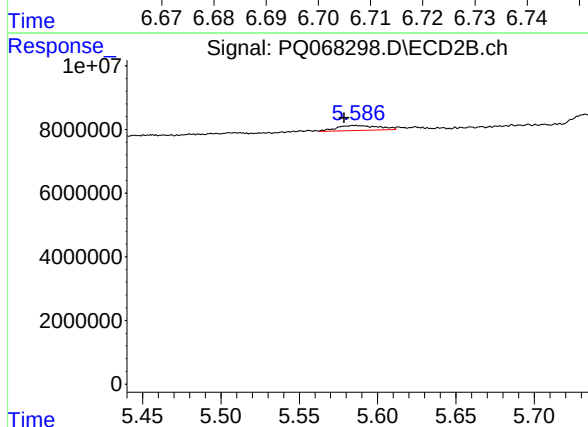
R.T.: 5.497 min
Delta R.T.: 0.061 min
Response: 451730
Conc: 1.03 ng/ml



#33 AR-1260-3

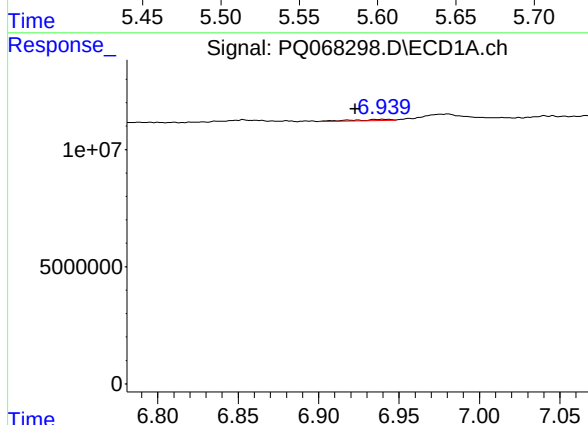
R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 316311
Conc: 1.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



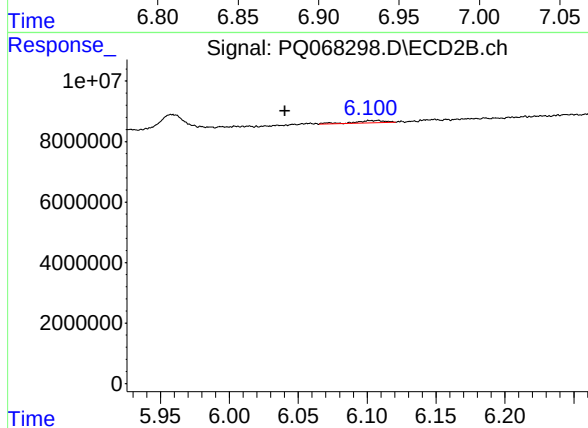
#33 AR-1260-3

R.T.: 5.586 min
Delta R.T.: 0.007 min
Response: 2928851
Conc: 6.80 ng/ml



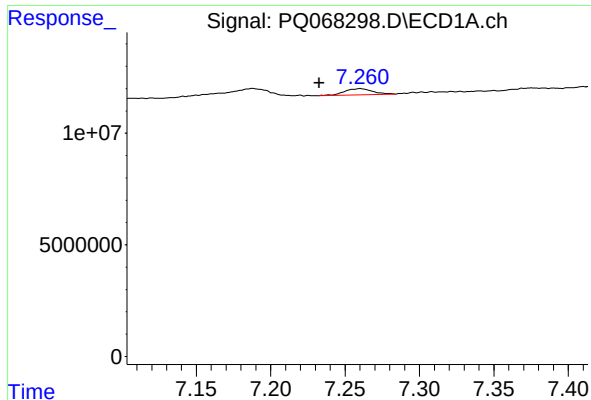
#34 AR-1260-4

R.T.: 6.941 min
Delta R.T.: 0.018 min
Response: 833144
Conc: 2.73 ng/ml



#34 AR-1260-4

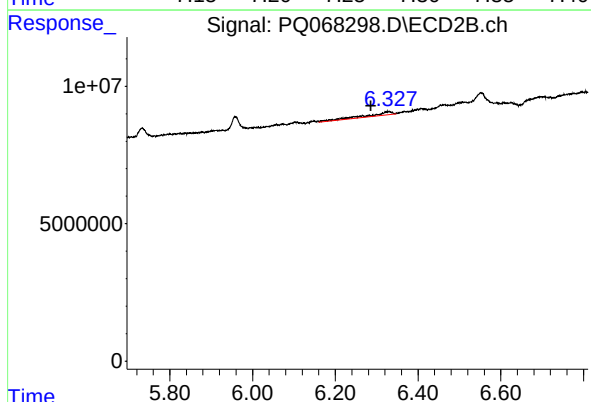
R.T.: 6.108 min
Delta R.T.: 0.068 min
Response: 1235304
Conc: 3.64 ng/ml



#35 AR-1260-5

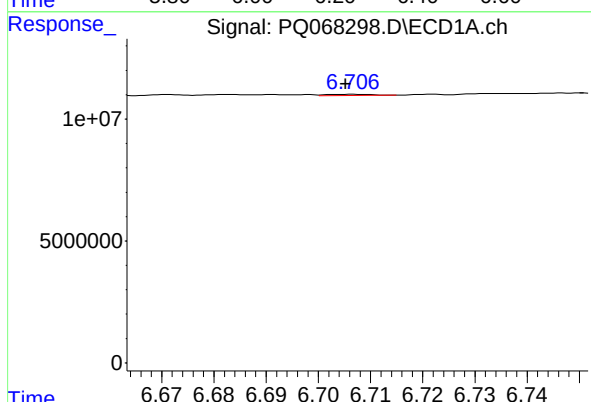
R.T.: 7.260 min
Delta R.T.: 0.027 min
Response: 3683172
Conc: 6.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



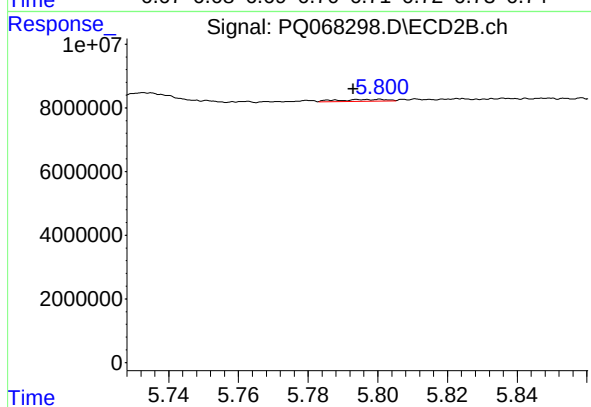
#35 AR-1260-5

R.T.: 6.330 min
Delta R.T.: 0.044 min
Response: 4858017
Conc: 6.12 ng/ml



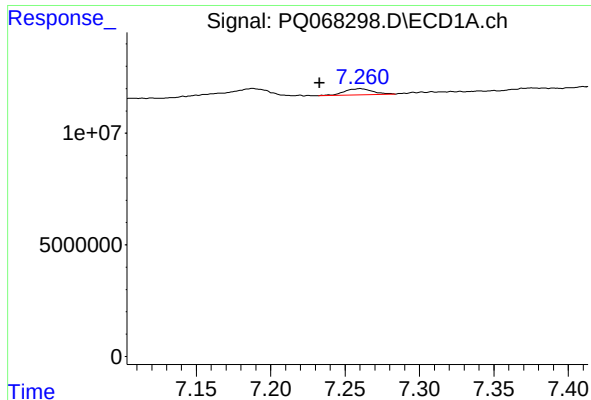
#36 AR-1262-1

R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 316311
Conc: 0.75 ng/ml



#36 AR-1262-1

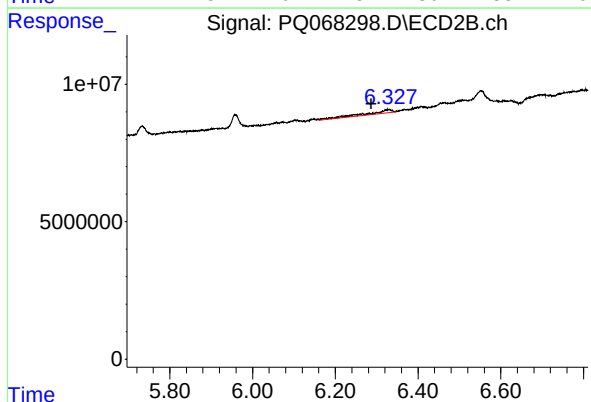
R.T.: 5.794 min
Delta R.T.: 0.001 min
Response: 577879
Conc: 1.12 ng/ml



#37 AR-1262-2

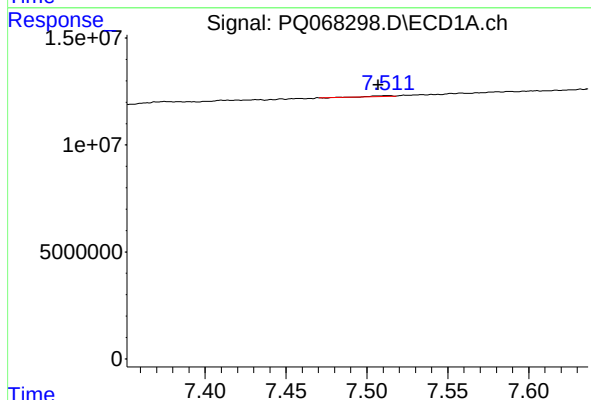
R.T.: 7.260 min
Delta R.T.: 0.027 min
Response: 3683172
Conc: 5.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



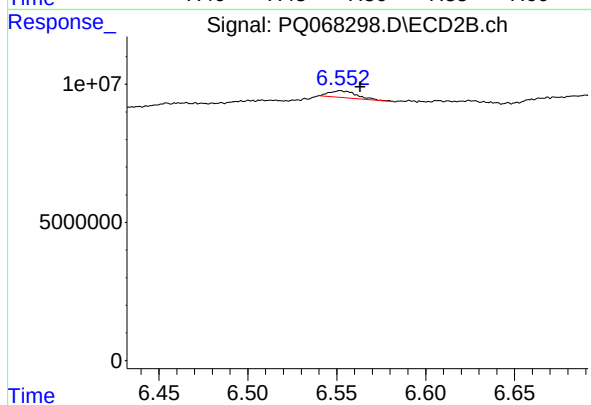
#37 AR-1262-2

R.T.: 6.330 min
Delta R.T.: 0.043 min
Response: 4858017
Conc: 5.40 ng/ml



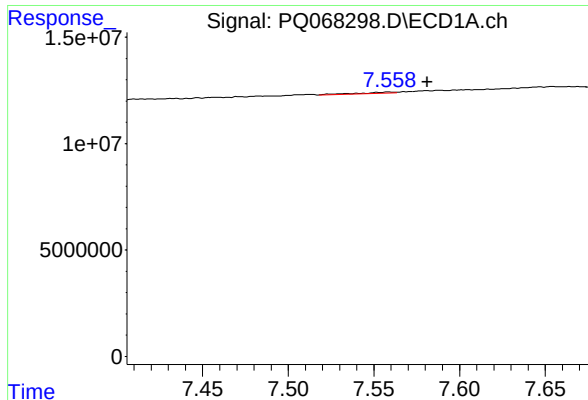
#38 AR-1262-3

R.T.: 7.513 min
Delta R.T.: 0.006 min
Response: 108546
Conc: 0.25 ng/ml



#38 AR-1262-3

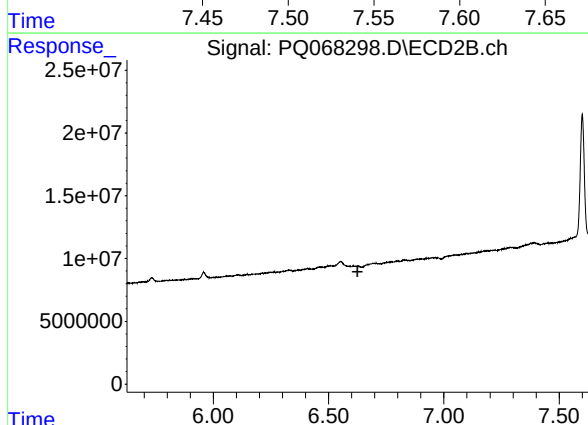
R.T.: 6.552 min
Delta R.T.: -0.011 min
Response: 2637974
Conc: 7.68 ng/ml



#39 AR-1262-4

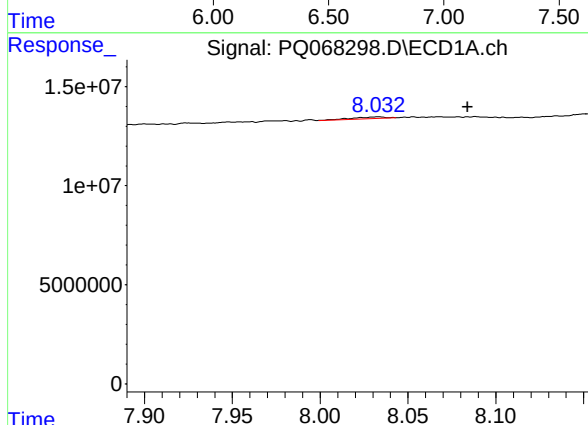
R.T.: 7.559 min
Delta R.T.: -0.022 min
Response: 776731
Conc: 2.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



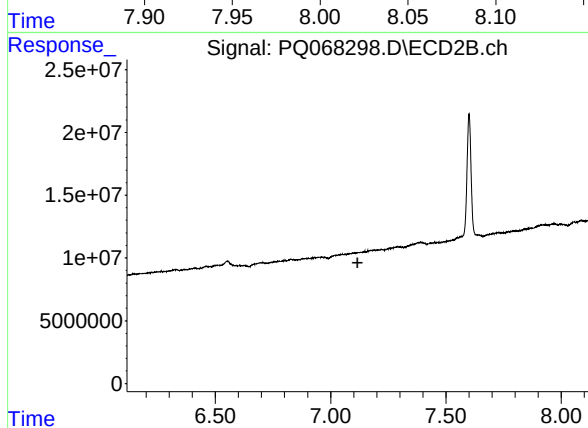
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 6.625 min
Response: 0
Conc: N.D.



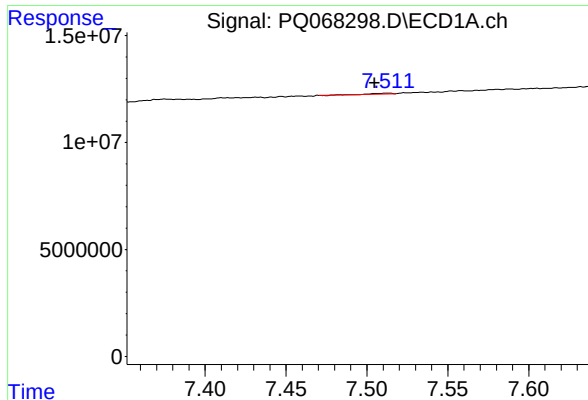
#40 AR-1262-5

R.T.: 8.033 min
Delta R.T.: -0.051 min
Response: 1090107
Conc: 5.19 ng/ml



#40 AR-1262-5

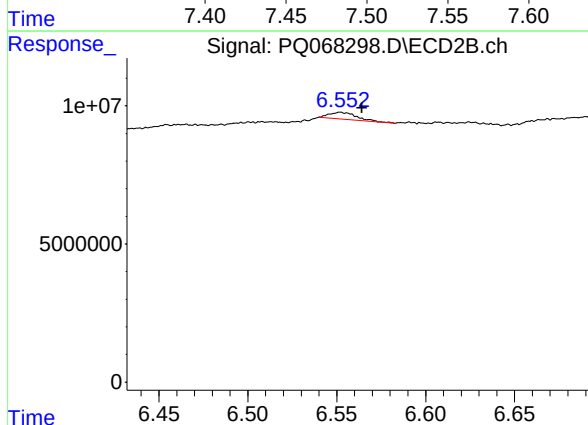
R.T.: 0.000 min
Exp R.T.: 7.116 min
Response: 0
Conc: N.D.



#41 AR-1268-1

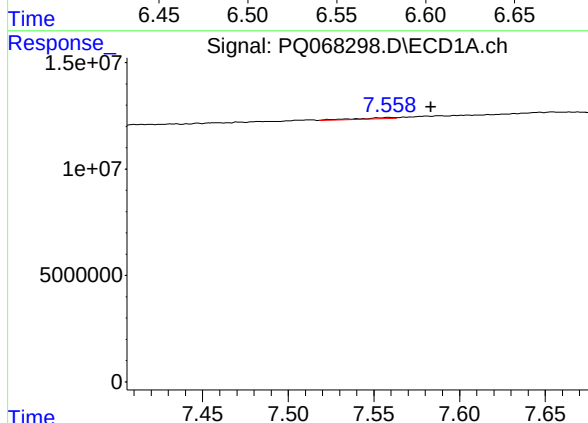
R.T.: 7.513 min
Delta R.T.: 0.008 min
Response: 108546
Conc: 0.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



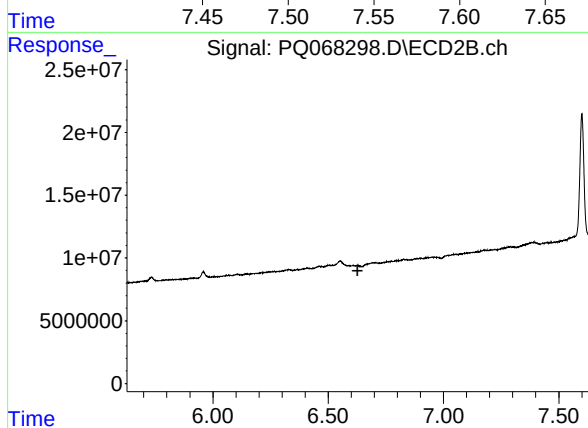
#41 AR-1268-1

R.T.: 6.552 min
Delta R.T.: -0.012 min
Response: 2637974
Conc: 2.65 ng/ml



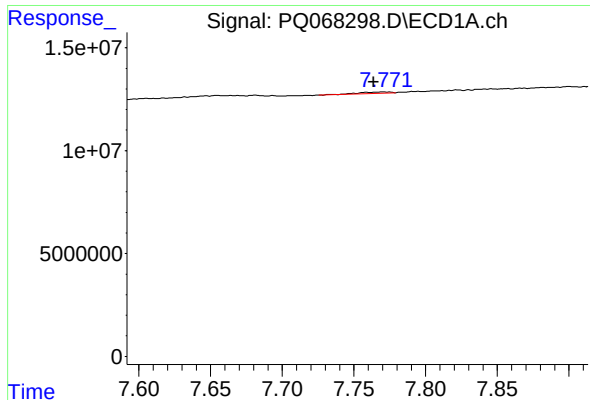
#42 AR-1268-2

R.T.: 7.559 min
Delta R.T.: -0.025 min
Response: 776731
Conc: 1.08 ng/ml



#42 AR-1268-2

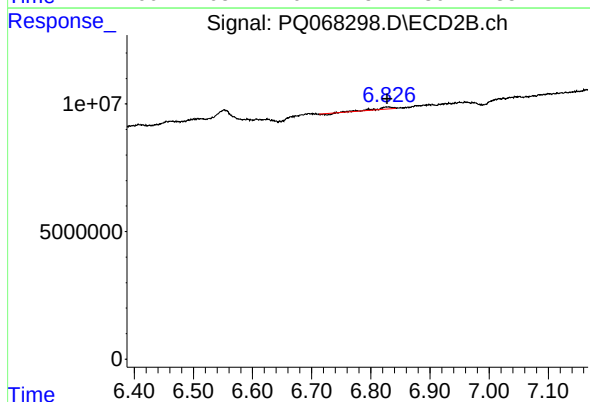
R.T.: 0.000 min
Exp R.T.: 6.627 min
Response: 0
Conc: N.D.



#43 AR-1268-3

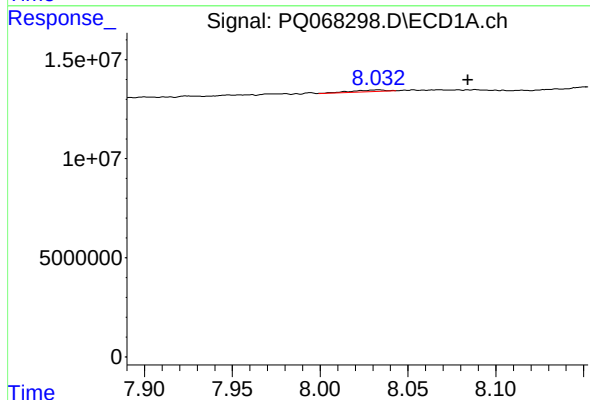
R.T.: 7.770 min
Delta R.T.: 0.007 min
Response: 934764
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



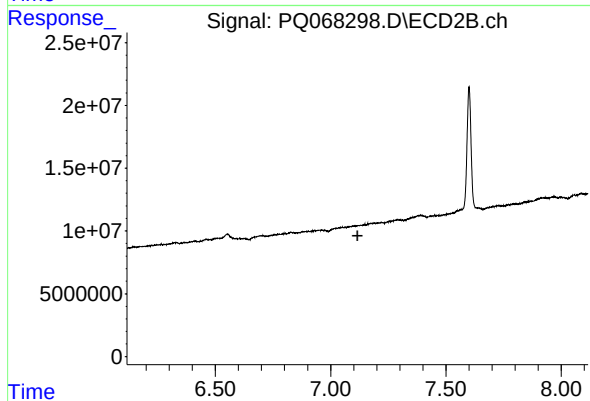
#43 AR-1268-3

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 1168655
Conc: 1.43 ng/ml



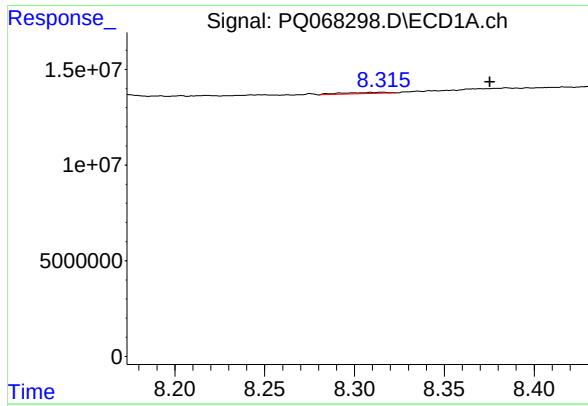
#44 AR-1268-4

R.T.: 8.033 min
Delta R.T.: -0.051 min
Response: 1090107
Conc: 4.73 ng/ml



#44 AR-1268-4

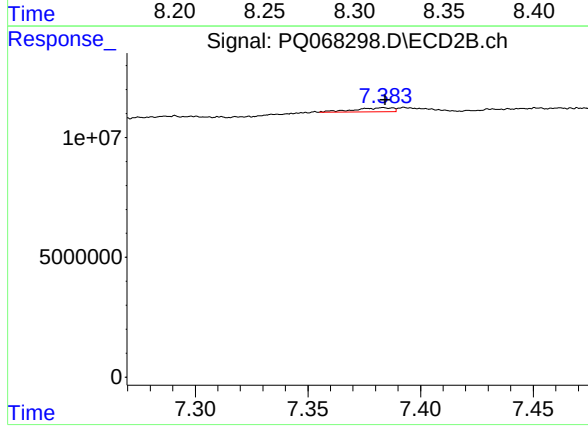
R.T.: 0.000 min
Exp R.T.: 7.116 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.315 min
Delta R.T.: -0.060 min
Response: 1186689
Conc: 0.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYC4



#45 AR-1268-5

R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 2080485
Conc: 0.86 ng/ml