

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0100323\
 Data File : P0098474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 11:05
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:29:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 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...	4.485	3.637	33167210	13496944	17.273	17.329
2) SA Decachlor...	10.294	8.644	23525344	10406656	19.381	19.424
Target Compounds						
3) L1 AR-1016-1	5.661	4.727	73403	47664	1.358	1.997 #
4) L1 AR-1016-2	5.693	4.744	121359	57245	1.495	1.681
5) L1 AR-1016-3	5.736	4.914	29620	103649	0.592	5.762 #
6) L1 AR-1016-4	5.836	4.978	-3009	687358	N.D.	45.850 #
7) L1 AR-1016-5	6.142	5.180	12776	412230	0.311	21.227 #
8) L2 AR-1221-1	4.698	3.867	61000	168312	2.709	18.319 #
9) L2 AR-1221-2	4.795	3.936	962559	264264	57.047	39.742 #
10) L2 AR-1221-3	4.852	4.008	32807	66449	0.671	3.294 #
11) L3 AR-1232-1	4.852	4.008	32807	66449	0.803	3.953 #
12) L3 AR-1232-2	5.383	4.744	48096	57245	2.224	3.810 #
13) L3 AR-1232-3	5.693	4.914	121359	103649	3.414	13.243 #
14) L3 AR-1232-4	5.836	5.000	-3009	324729	N.D.	43.187 #
15) L3 AR-1232-5	5.939	5.180	50661	412230	3.558	50.957 #
16) L4 AR-1242-1	5.661	4.727	73403	47664	1.612	2.277 #
17) L4 AR-1242-2	5.693	4.744	121359	57245	1.772	1.969
18) L4 AR-1242-3	5.736	4.914	29620	103649	0.699	6.632 #
19) L4 AR-1242-4	5.836	5.000	-3009	324729	N.D.	19.606 #
20) L4 AR-1242-5	6.580	5.547	728178	1502591	20.558	80.965 #
21) L5 AR-1248-1	5.661	4.727	73403	47664	2.169	3.042 #
22) L5 AR-1248-2	5.939	4.978	50661	687358	0.978	31.234 #
23) L5 AR-1248-3	6.142	5.000	12776	324729	0.226	13.830 #
24) L5 AR-1248-4	6.553	5.180	1337099	412230	23.587	15.454 #
25) L5 AR-1248-5	6.580	5.547	728178	1502591	12.311	63.678 #
26) L6 AR-1254-1	6.522	5.547	1265088	1502591	20.029	39.187 #
27) L6 AR-1254-2	6.734	5.636f	432082	3400711	4.502	98.778 #
28) L6 AR-1254-3	7.106	6.102	3878058	1135889	41.215	21.860 #
29) L6 AR-1254-4	7.409	6.309	842554	216328	14.471	7.881 #
30) L6 AR-1254-5	7.841	6.721	1090202	427469	15.609	9.868 #
31) L7 AR-1260-1	7.274	6.154f	342988	728410	4.717	19.853 #
32) L7 AR-1260-2	7.524	6.377	260251	1523127	3.161	36.299 #
33) L7 AR-1260-3	7.872	6.553	265499	251598	4.292	6.287 #
34) L7 AR-1260-4	8.103	7.030	1051374	62888	15.596	1.953 #
35) L7 AR-1260-5	8.443	7.257	301356	852988	2.320	12.175 #
36) L8 AR-1262-1	7.906	6.767	434965	188004	5.001	4.154
37) L8 AR-1262-2	8.443	7.030	301356	62888	2.136	1.560 #
38) L8 AR-1262-3	8.763	7.550	54189	799272	0.549	25.747 #
39) L8 AR-1262-4	8.850	7.622	42901	94493	0.559	1.744 #
40) L8 AR-1262-5	9.521	8.103	119894	54866	2.472	2.222
41) L9 AR-1268-1	8.763	7.550	54189	799272	0.312	8.747 #

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 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

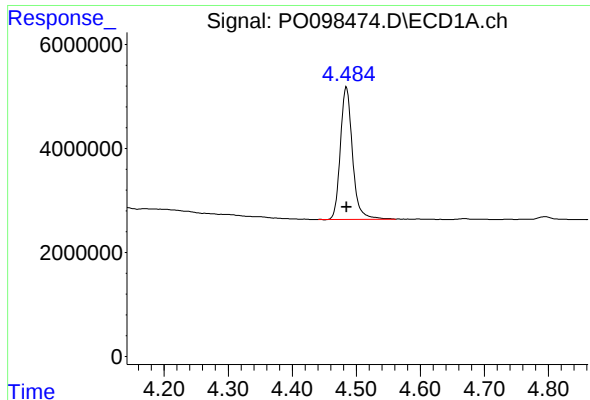
Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:29:47 2023
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.860	7.622	52093	94493	0.334	1.219 #
44) L9	AR-1268-4	9.521	8.103	119894	54866	2.251	2.027
45) L9	AR-1268-5	9.955	8.393	96926	77606	0.221	0.392 #

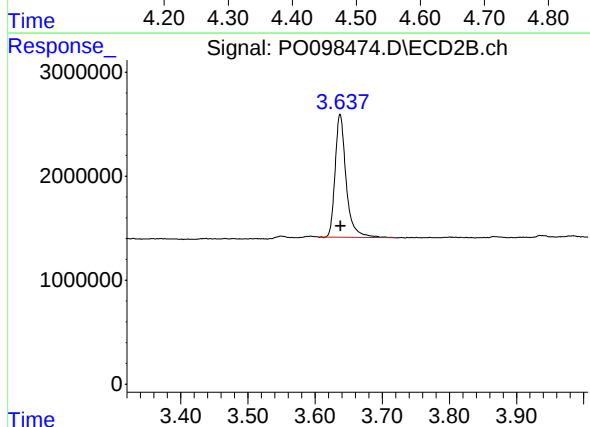
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

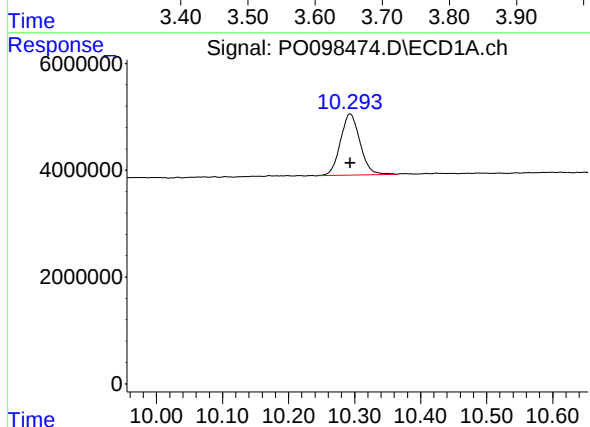
R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 33167210
Conc: 17.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



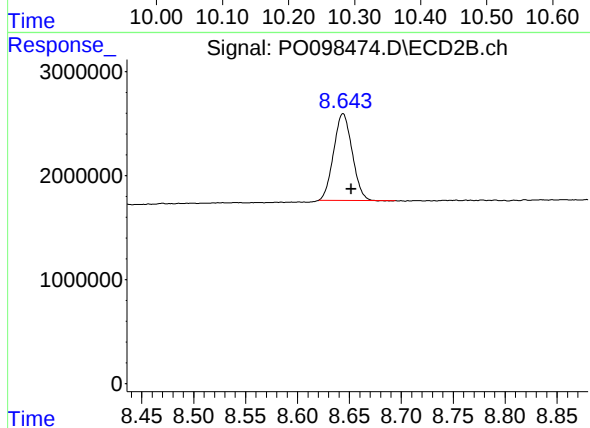
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: 0.000 min
Response: 13496944
Conc: 17.33 ng/ml



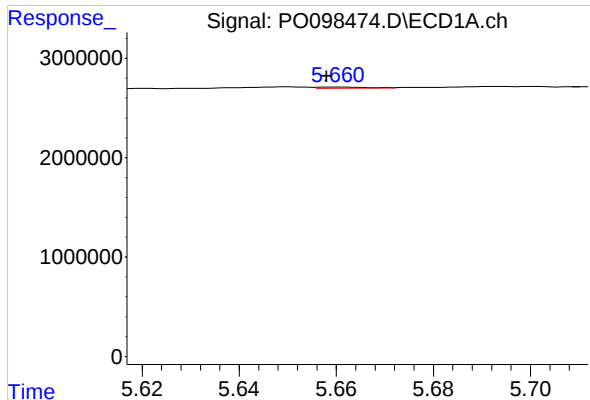
#2 Decachlorobiphenyl

R.T.: 10.294 min
Delta R.T.: 0.000 min
Response: 23525344
Conc: 19.38 ng/ml



#2 Decachlorobiphenyl

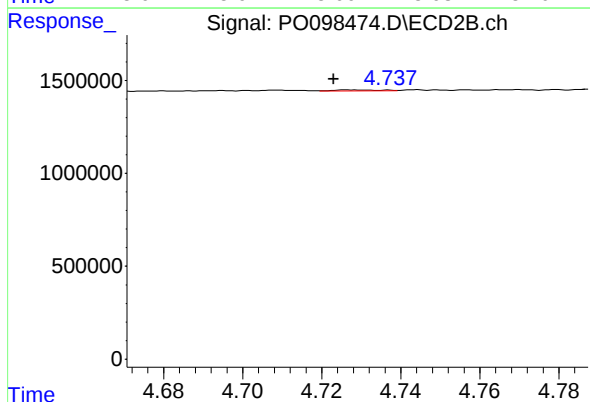
R.T.: 8.644 min
Delta R.T.: -0.008 min
Response: 10406656
Conc: 19.42 ng/ml



#3 AR-1016-1

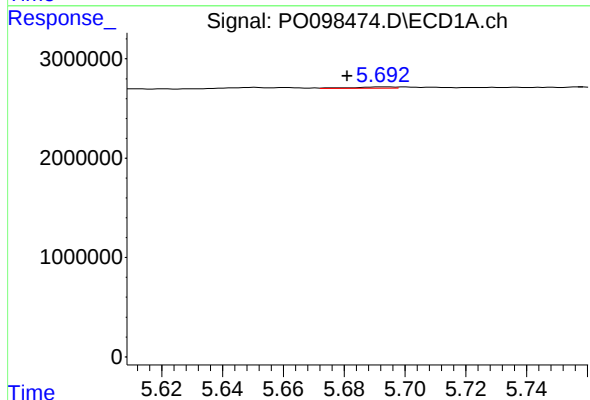
R.T.: 5.661 min
Delta R.T.: 0.003 min
Response: 73403
Conc: 1.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



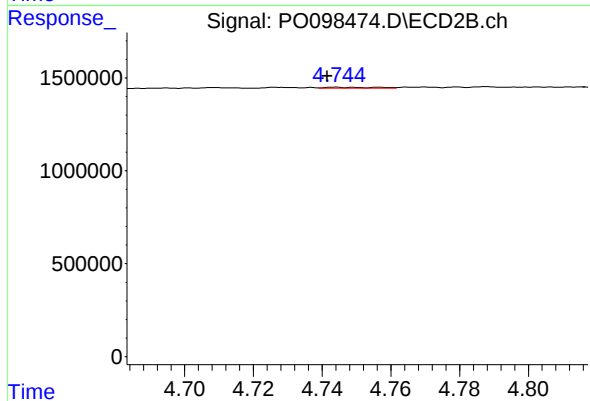
#3 AR-1016-1

R.T.: 4.727 min
Delta R.T.: 0.004 min
Response: 47664
Conc: 2.00 ng/ml



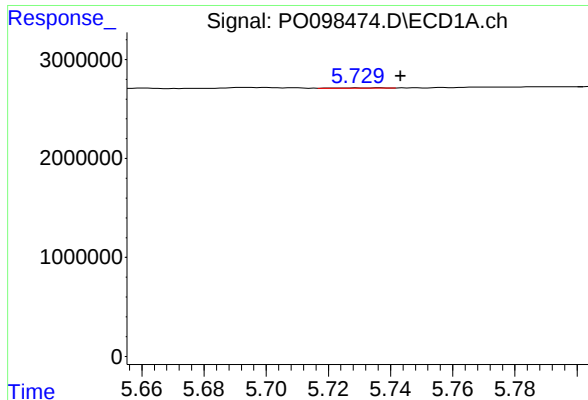
#4 AR-1016-2

R.T.: 5.693 min
Delta R.T.: 0.012 min
Response: 121359
Conc: 1.49 ng/ml



#4 AR-1016-2

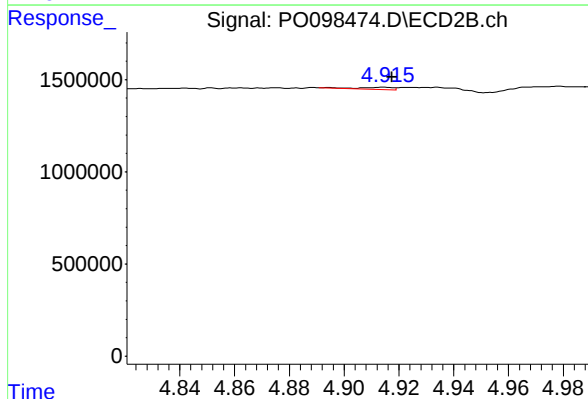
R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 57245
Conc: 1.68 ng/ml



#5 AR-1016-3

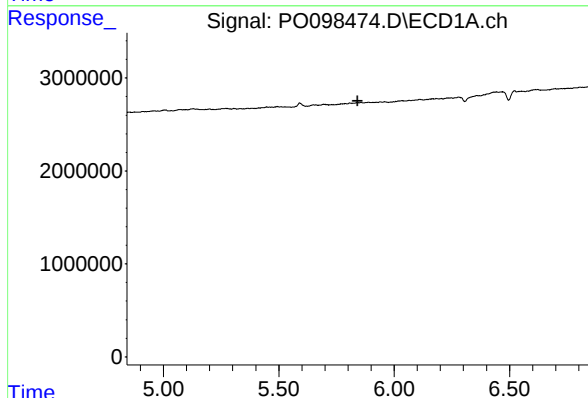
R.T.: 5.736 min
Delta R.T.: -0.007 min
Response: 29620
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



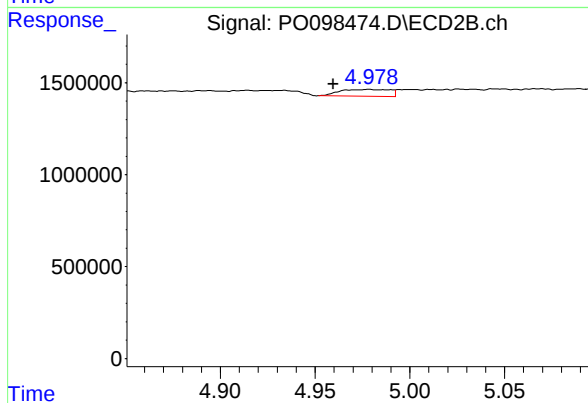
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 103649
Conc: 5.76 ng/ml



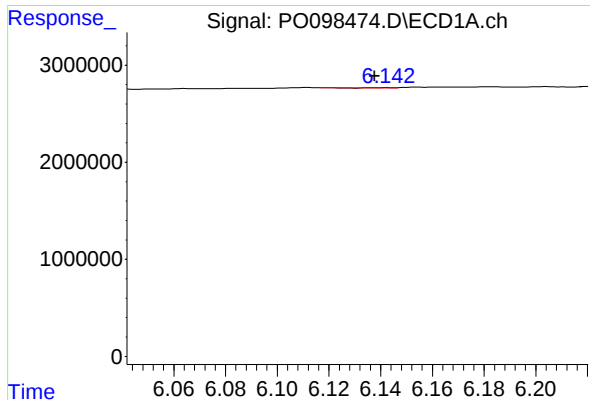
#6 AR-1016-4

R.T.: 5.836 min
Delta R.T.: -0.005 min
Response: -3009
Conc: N.D.



#6 AR-1016-4

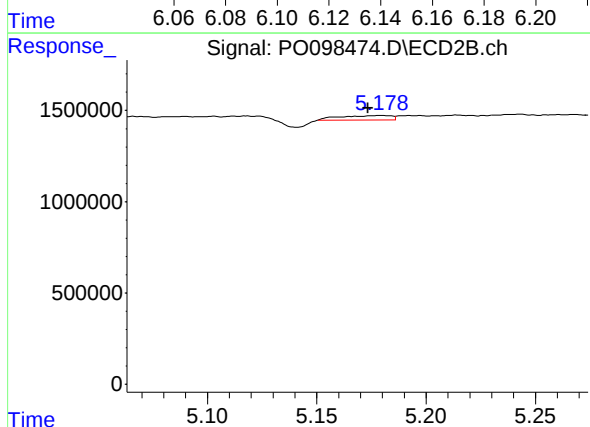
R.T.: 4.978 min
Delta R.T.: 0.019 min
Response: 687358
Conc: 45.85 ng/ml



#7 AR-1016-5

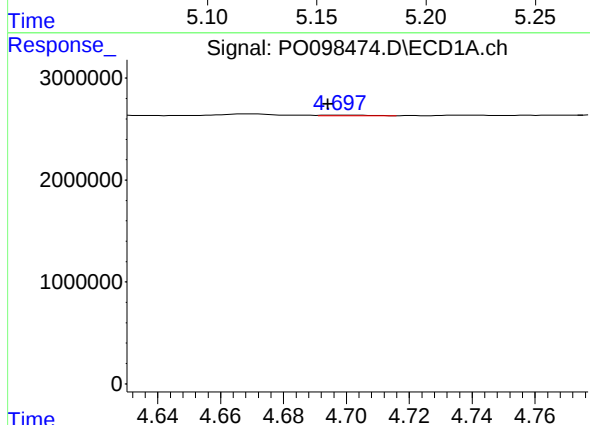
R.T.: 6.142 min
Delta R.T.: 0.005 min
Response: 12776
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



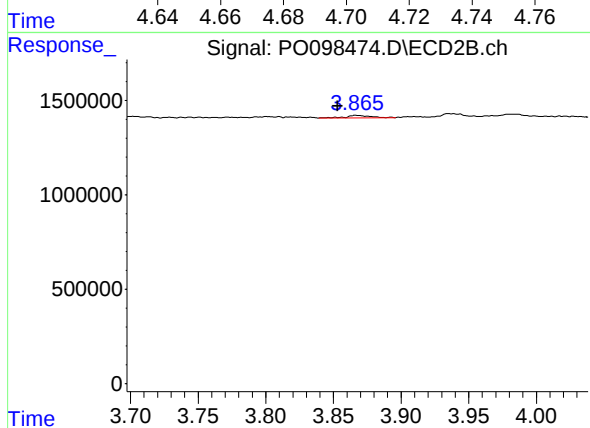
#7 AR-1016-5

R.T.: 5.180 min
Delta R.T.: 0.006 min
Response: 412230
Conc: 21.23 ng/ml



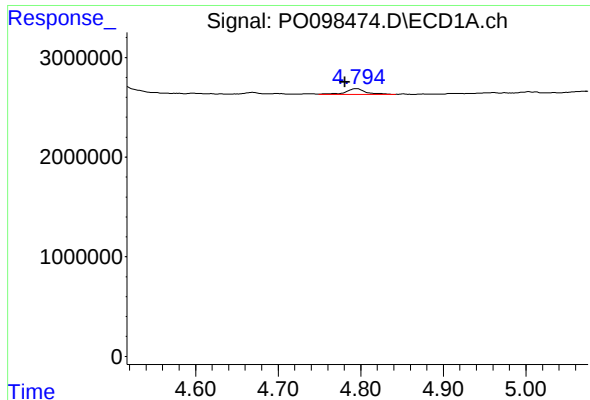
#8 AR-1221-1

R.T.: 4.698 min
Delta R.T.: 0.004 min
Response: 61000
Conc: 2.71 ng/ml



#8 AR-1221-1

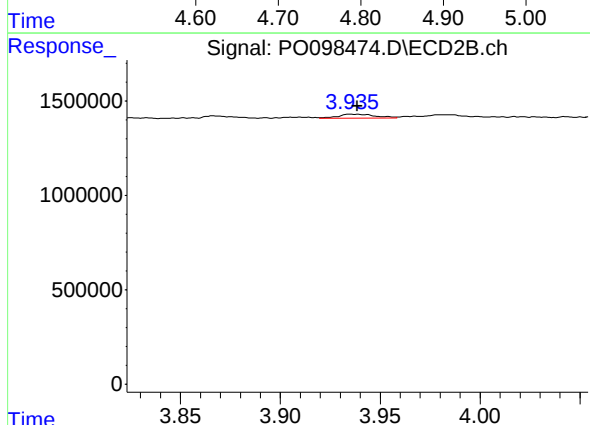
R.T.: 3.867 min
Delta R.T.: 0.014 min
Response: 168312
Conc: 18.32 ng/ml



#9 AR-1221-2

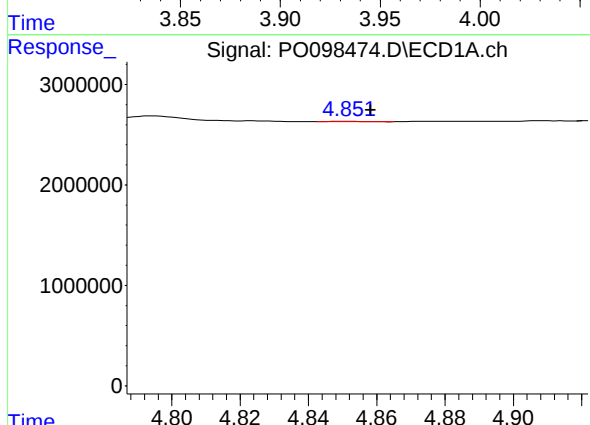
R.T.: 4.795 min
Delta R.T.: 0.014 min
Response: 962559
Conc: 57.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



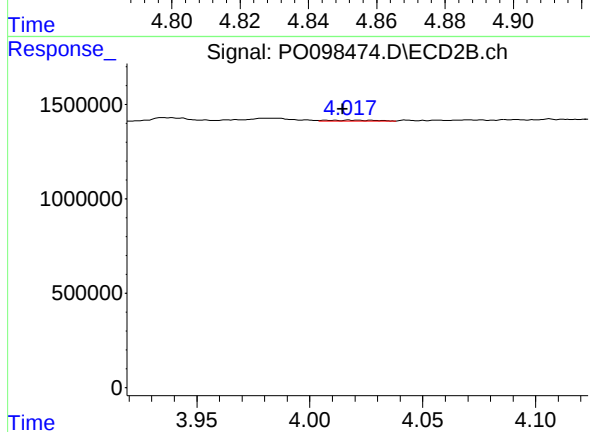
#9 AR-1221-2

R.T.: 3.936 min
Delta R.T.: -0.003 min
Response: 264264
Conc: 39.74 ng/ml



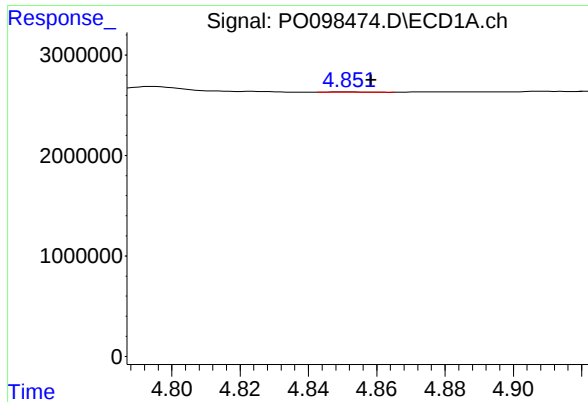
#10 AR-1221-3

R.T.: 4.852 min
Delta R.T.: -0.006 min
Response: 32807
Conc: 0.67 ng/ml



#10 AR-1221-3

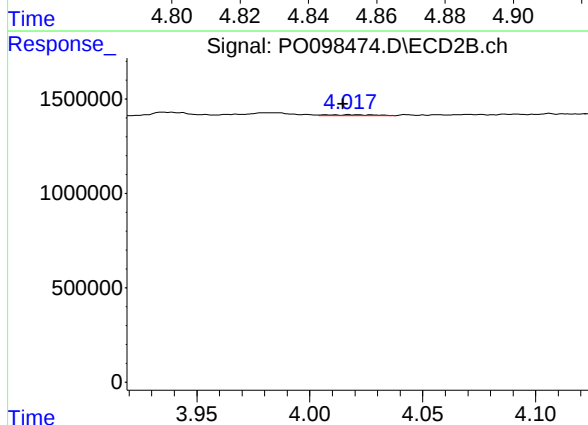
R.T.: 4.008 min
Delta R.T.: -0.006 min
Response: 66449
Conc: 3.29 ng/ml



#11 AR-1232-1

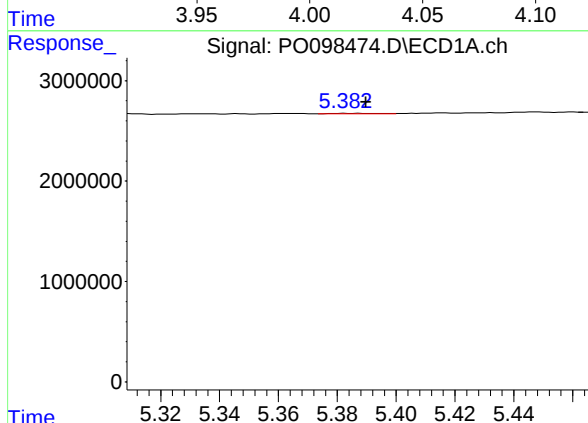
R.T.: 4.852 min
Delta R.T.: -0.006 min
Response: 32807
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



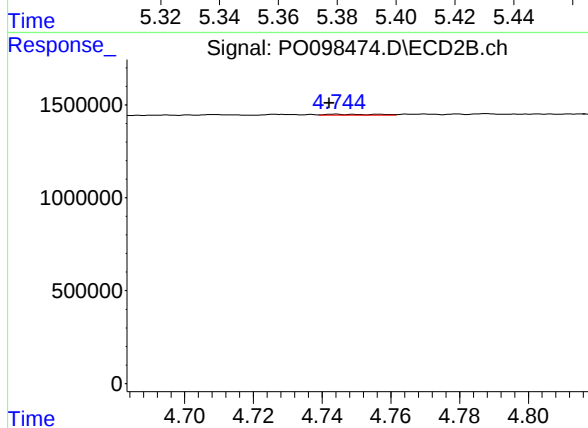
#11 AR-1232-1

R.T.: 4.008 min
Delta R.T.: -0.007 min
Response: 66449
Conc: 3.95 ng/ml



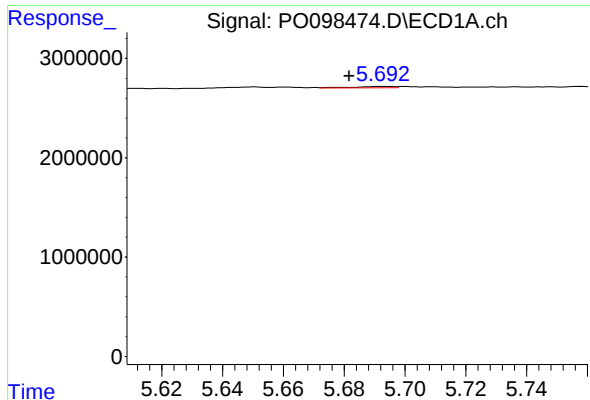
#12 AR-1232-2

R.T.: 5.383 min
Delta R.T.: -0.006 min
Response: 48096
Conc: 2.22 ng/ml



#12 AR-1232-2

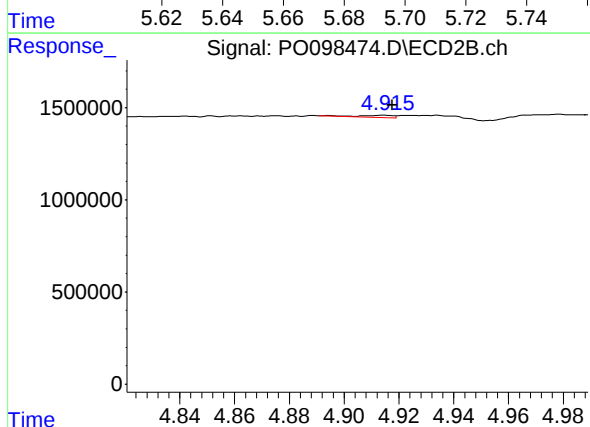
R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 57245
Conc: 3.81 ng/ml



#13 AR-1232-3

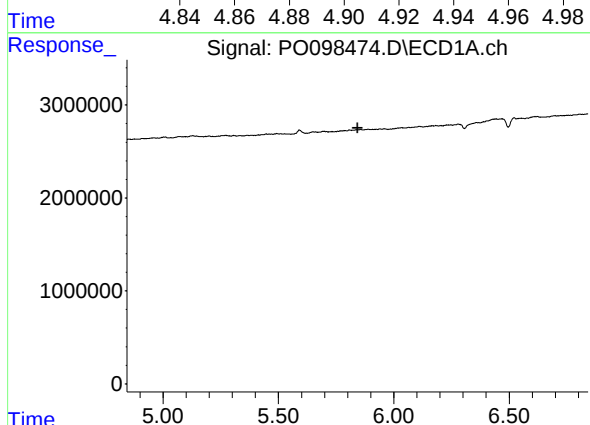
R.T.: 5.693 min
Delta R.T.: 0.011 min
Response: 121359
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



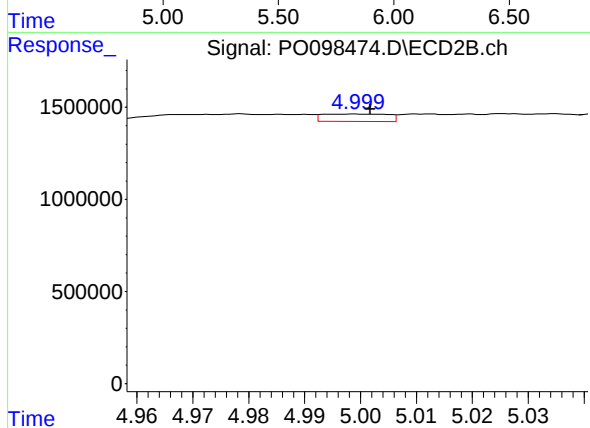
#13 AR-1232-3

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 103649
Conc: 13.24 ng/ml



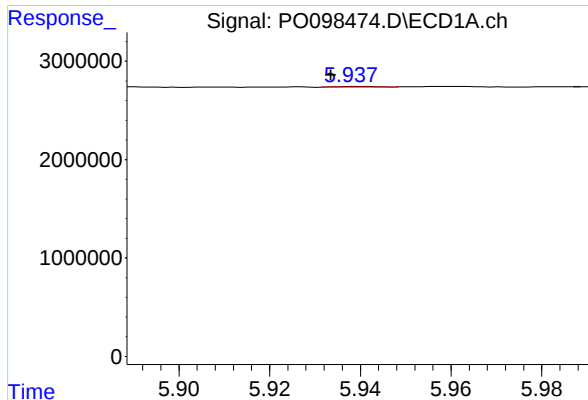
#14 AR-1232-4

R.T.: 5.836 min
Delta R.T.: -0.006 min
Response: -3009
Conc: N.D.



#14 AR-1232-4

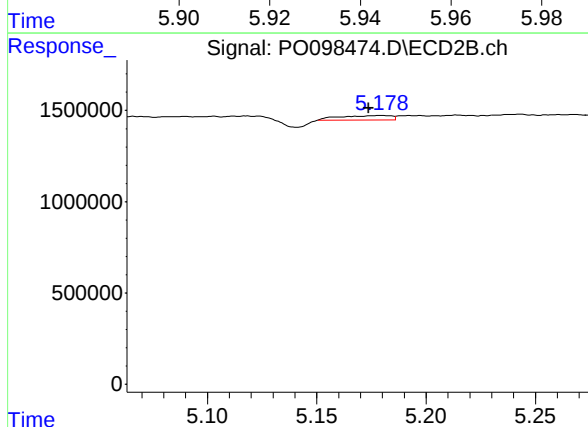
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 324729
Conc: 43.19 ng/ml



#15 AR-1232-5

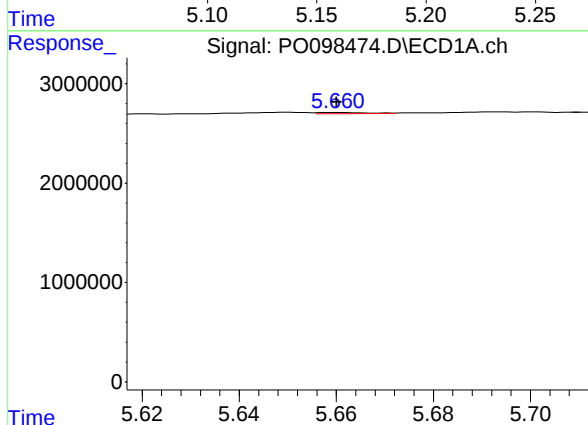
R.T.: 5.939 min
Delta R.T.: 0.006 min
Response: 50661
Conc: 3.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



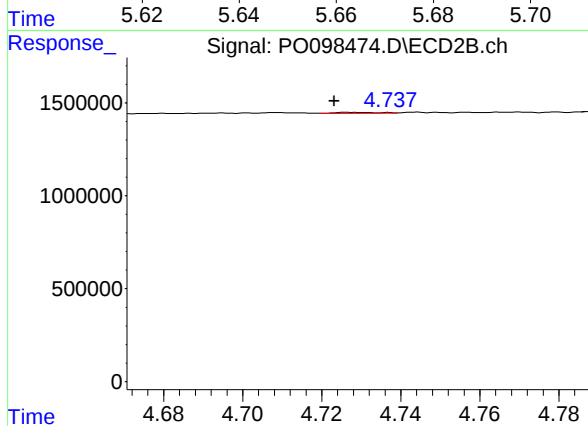
#15 AR-1232-5

R.T.: 5.180 min
Delta R.T.: 0.006 min
Response: 412230
Conc: 50.96 ng/ml



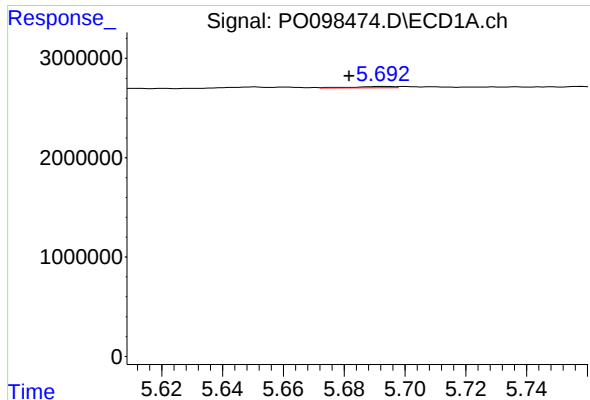
#16 AR-1242-1

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 73403
Conc: 1.61 ng/ml



#16 AR-1242-1

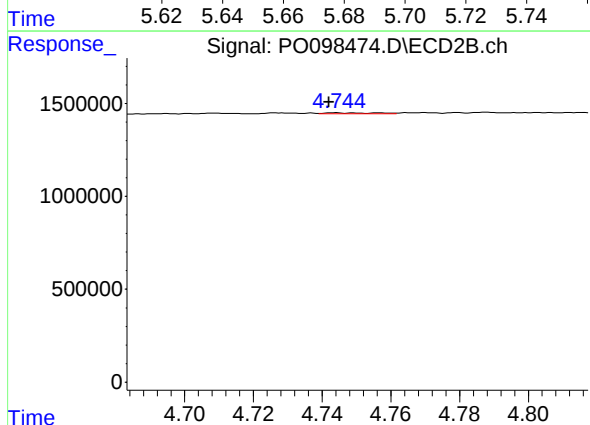
R.T.: 4.727 min
Delta R.T.: 0.004 min
Response: 47664
Conc: 2.28 ng/ml



#17 AR-1242-2

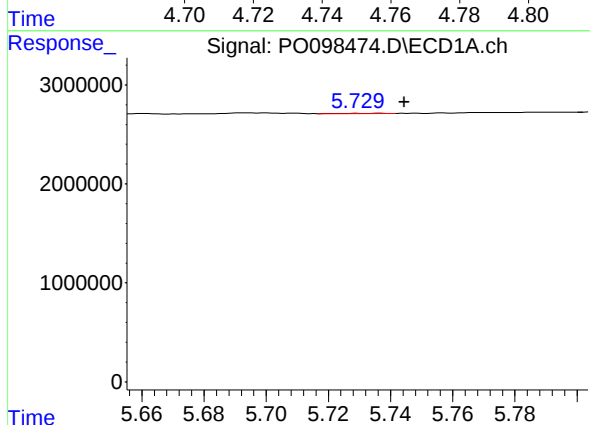
R.T.: 5.693 min
Delta R.T.: 0.011 min
Response: 121359
Conc: 1.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



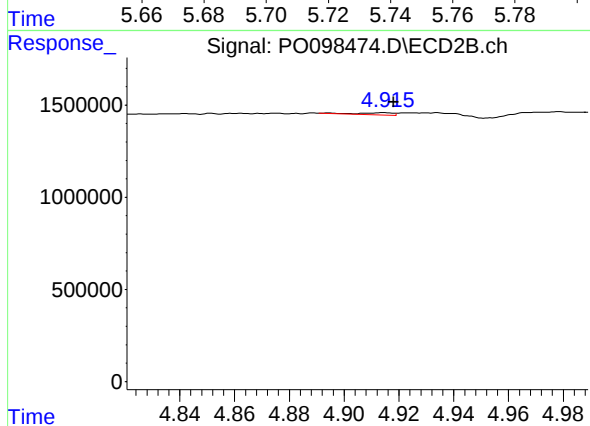
#17 AR-1242-2

R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 57245
Conc: 1.97 ng/ml



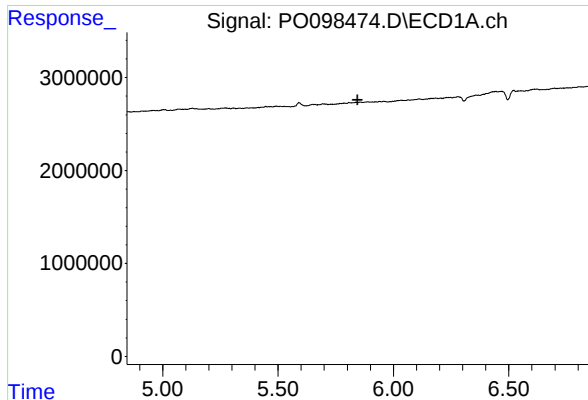
#18 AR-1242-3

R.T.: 5.736 min
Delta R.T.: -0.008 min
Response: 29620
Conc: 0.70 ng/ml



#18 AR-1242-3

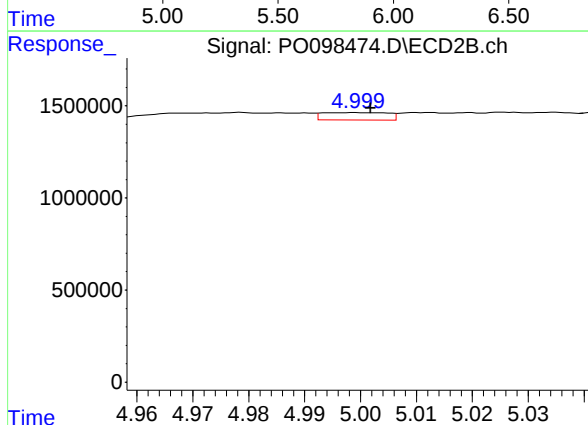
R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 103649
Conc: 6.63 ng/ml



#19 AR-1242-4

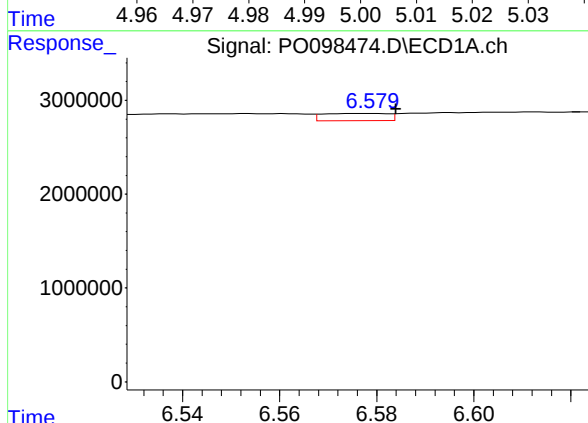
R.T.: 5.836 min
Delta R.T.: -0.007 min
Response: -3009
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
I.BLK



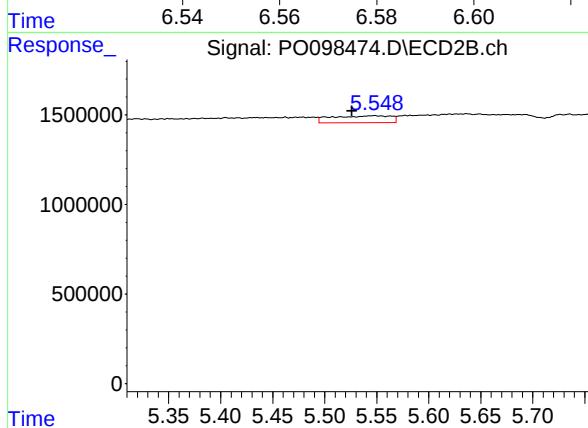
#19 AR-1242-4

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 324729
Conc: 19.61 ng/ml



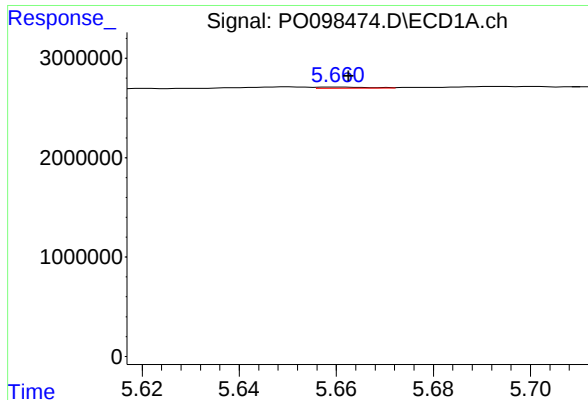
#20 AR-1242-5

R.T.: 6.580 min
Delta R.T.: -0.004 min
Response: 728178
Conc: 20.56 ng/ml



#20 AR-1242-5

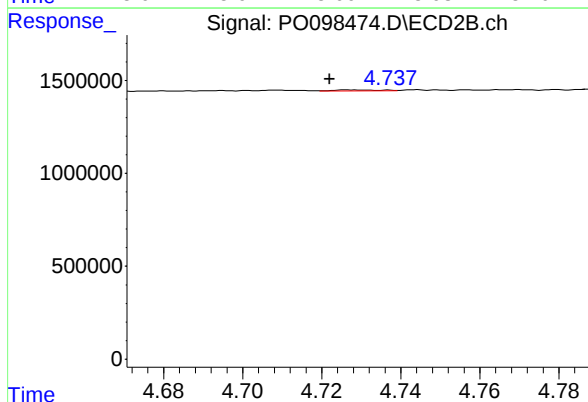
R.T.: 5.547 min
Delta R.T.: 0.021 min
Response: 1502591
Conc: 80.97 ng/ml



#21 AR-1248-1

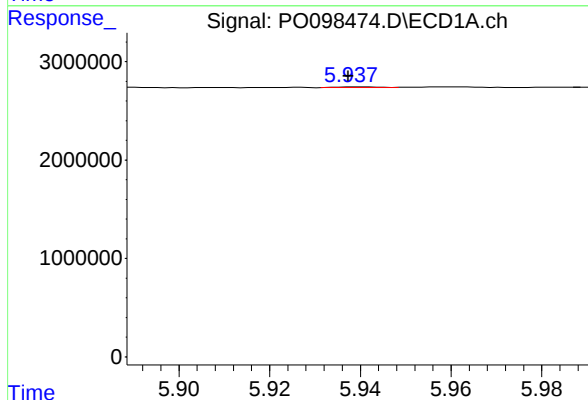
R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 73403
Conc: 2.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



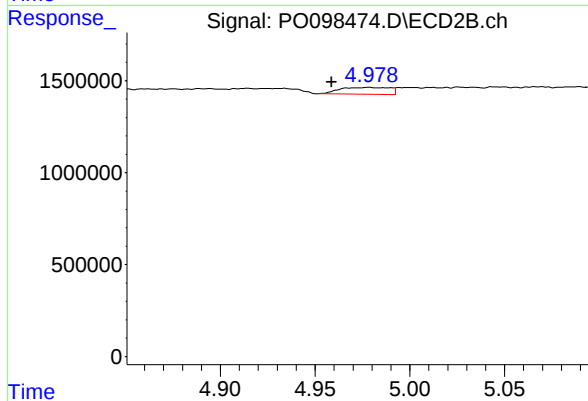
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.005 min
Response: 47664
Conc: 3.04 ng/ml



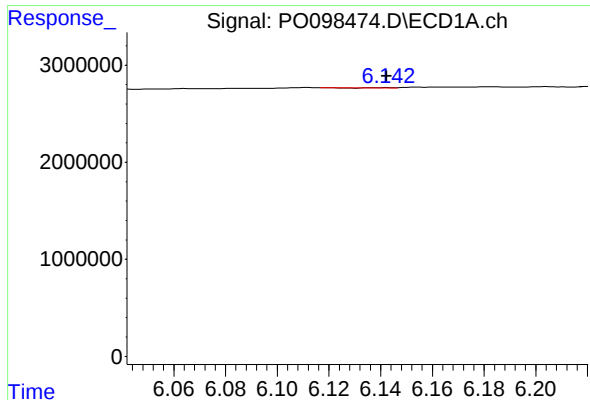
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: 0.002 min
Response: 50661
Conc: 0.98 ng/ml



#22 AR-1248-2

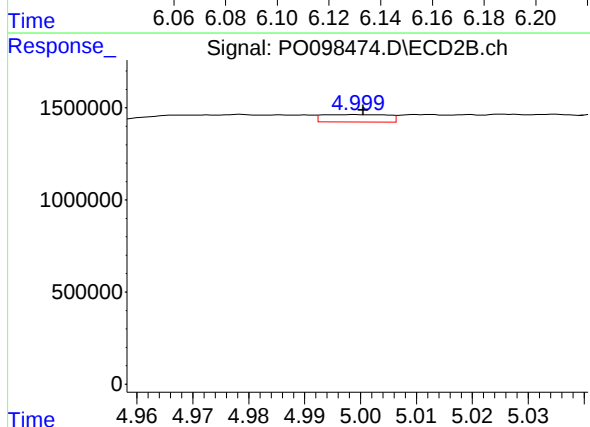
R.T.: 4.978 min
Delta R.T.: 0.020 min
Response: 687358
Conc: 31.23 ng/ml



#23 AR-1248-3

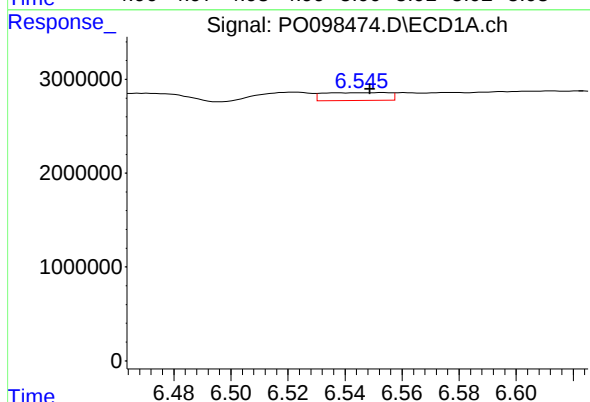
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 12776
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



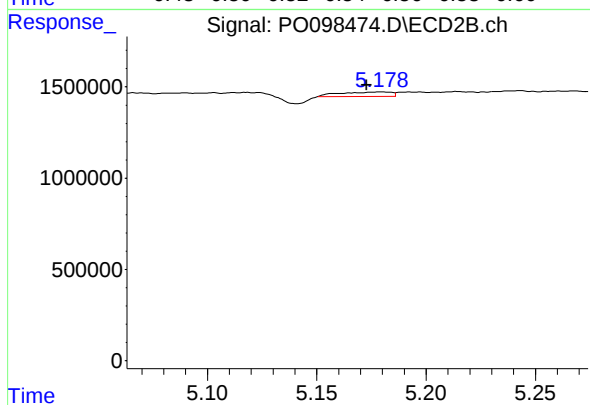
#23 AR-1248-3

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 324729
Conc: 13.83 ng/ml



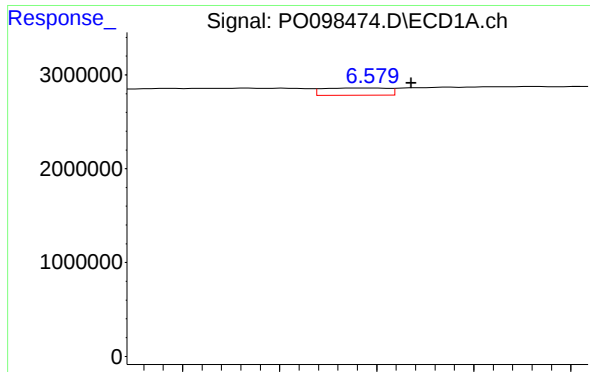
#24 AR-1248-4

R.T.: 6.553 min
Delta R.T.: 0.004 min
Response: 1337099
Conc: 23.59 ng/ml



#24 AR-1248-4

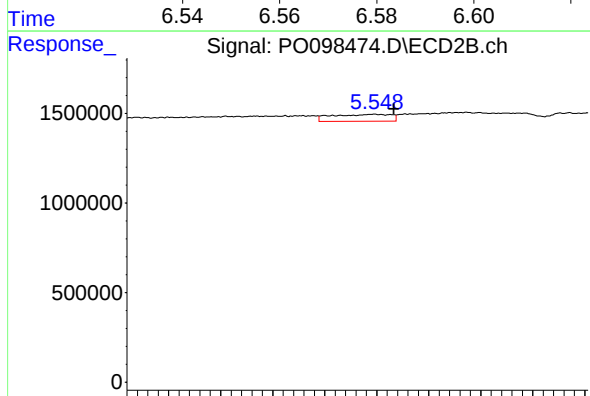
R.T.: 5.180 min
Delta R.T.: 0.007 min
Response: 412230
Conc: 15.45 ng/ml



#25 AR-1248-5

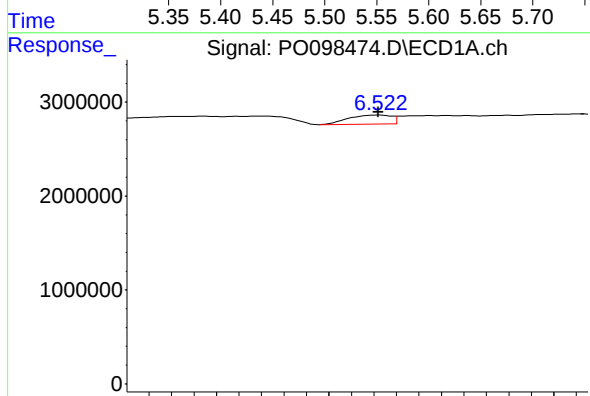
R.T.: 6.580 min
Delta R.T.: -0.007 min
Response: 728178
Conc: 12.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



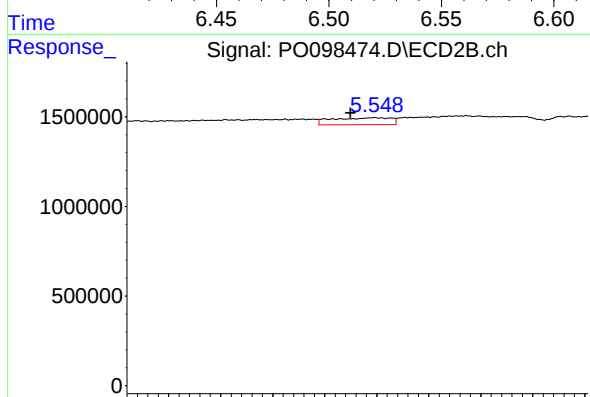
#25 AR-1248-5

R.T.: 5.547 min
Delta R.T.: -0.020 min
Response: 1502591
Conc: 63.68 ng/ml



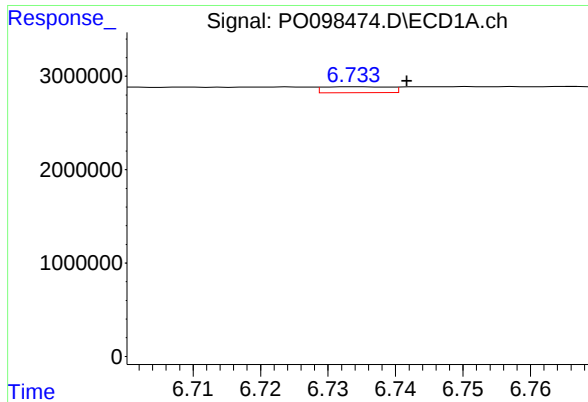
#26 AR-1254-1

R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 1265088
Conc: 20.03 ng/ml



#26 AR-1254-1

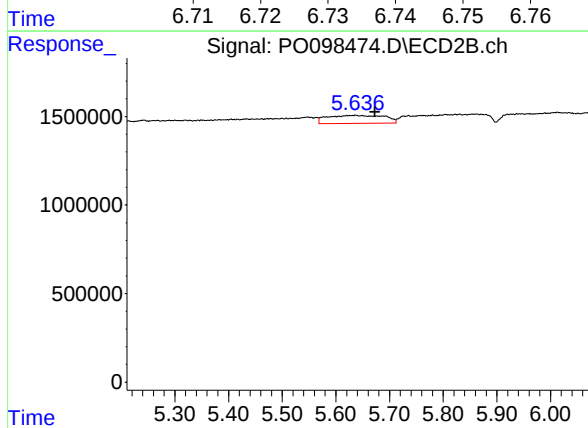
R.T.: 5.547 min
Delta R.T.: 0.022 min
Response: 1502591
Conc: 39.19 ng/ml



#27 AR-1254-2

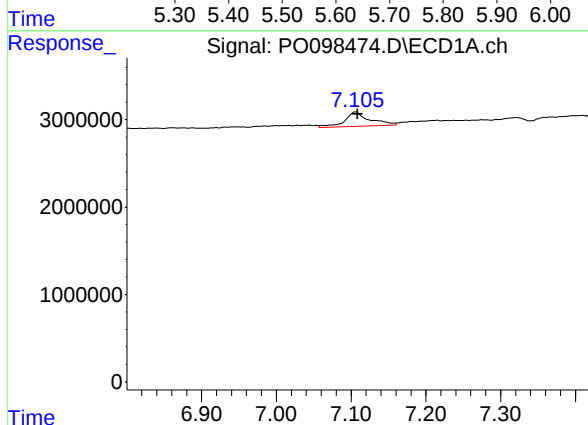
R.T.: 6.734 min
Delta R.T.: -0.008 min
Response: 432082
Conc: 4.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



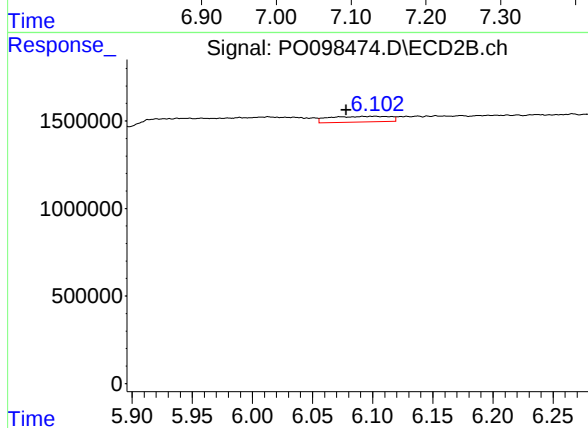
#27 AR-1254-2

R.T.: 5.636 min
Delta R.T.: -0.037 min
Response: 3400711
Conc: 98.78 ng/ml



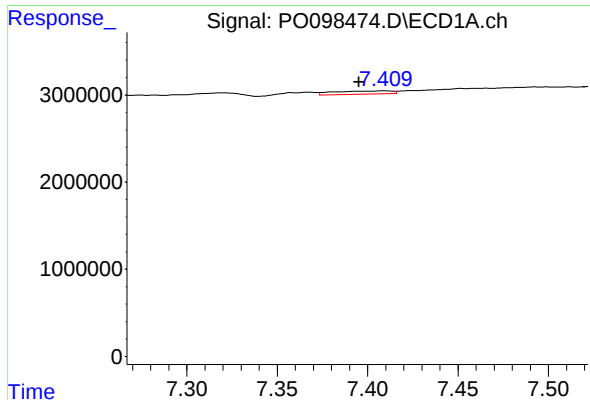
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.003 min
Response: 3878058
Conc: 41.22 ng/ml



#28 AR-1254-3

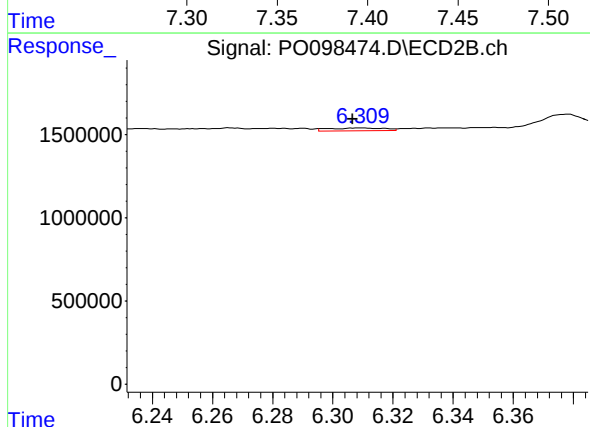
R.T.: 6.102 min
Delta R.T.: 0.024 min
Response: 1135889
Conc: 21.86 ng/ml



#29 AR-1254-4

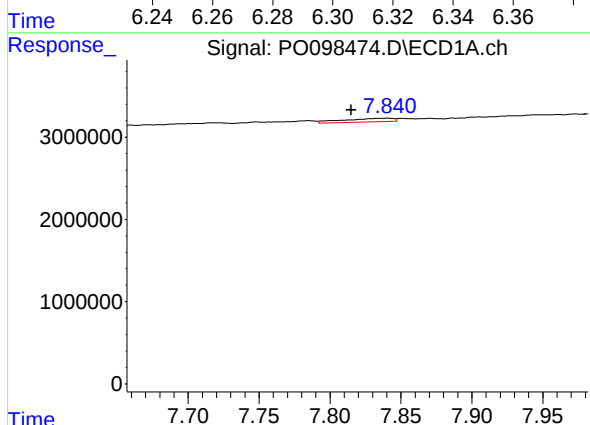
R.T.: 7.409 min
Delta R.T.: 0.014 min
Response: 842554
Conc: 14.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



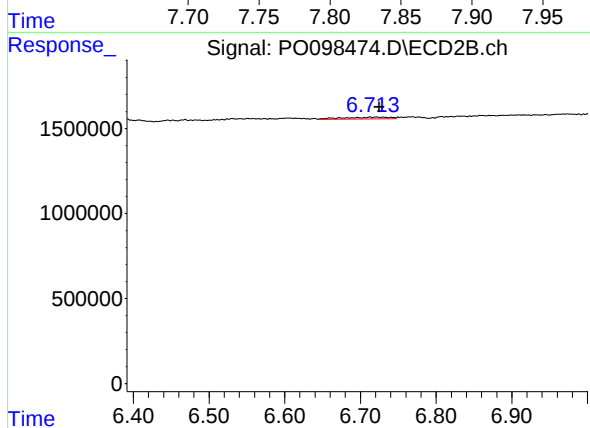
#29 AR-1254-4

R.T.: 6.309 min
Delta R.T.: 0.003 min
Response: 216328
Conc: 7.88 ng/ml



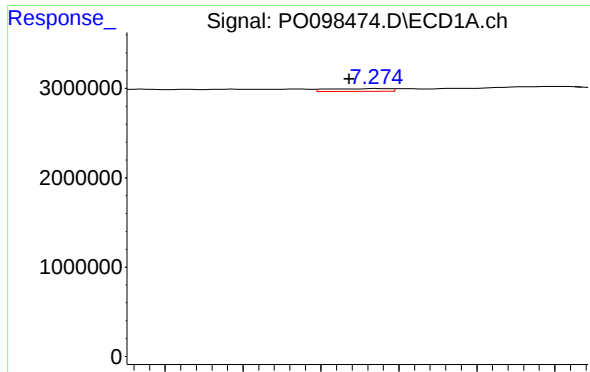
#30 AR-1254-5

R.T.: 7.841 min
Delta R.T.: 0.026 min
Response: 1090202
Conc: 15.61 ng/ml



#30 AR-1254-5

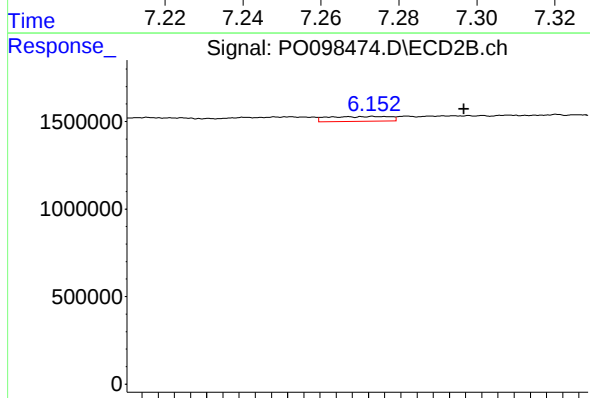
R.T.: 6.721 min
Delta R.T.: -0.004 min
Response: 427469
Conc: 9.87 ng/ml



#31 AR-1260-1

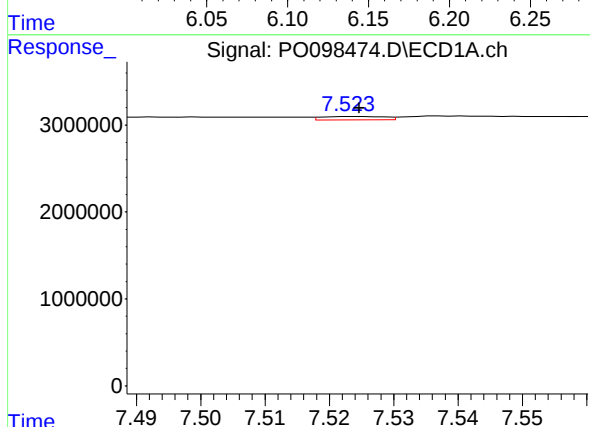
R.T.: 7.274 min
Delta R.T.: 0.007 min
Response: 342988
Conc: 4.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



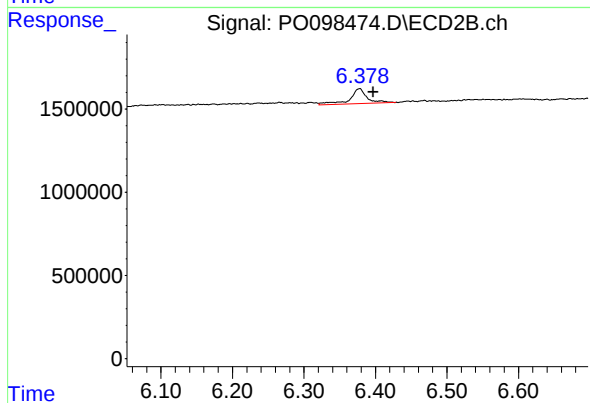
#31 AR-1260-1

R.T.: 6.154 min
Delta R.T.: -0.055 min
Response: 728410
Conc: 19.85 ng/ml



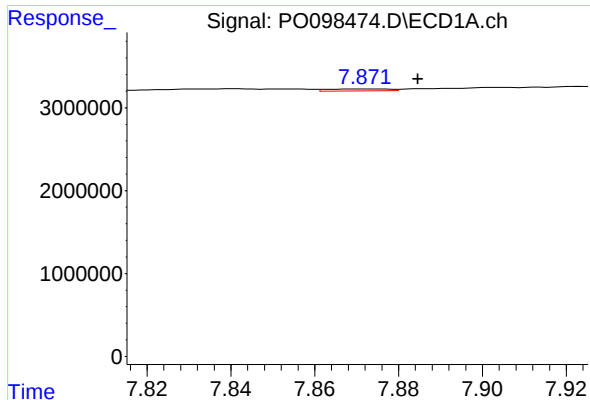
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 260251
Conc: 3.16 ng/ml



#32 AR-1260-2

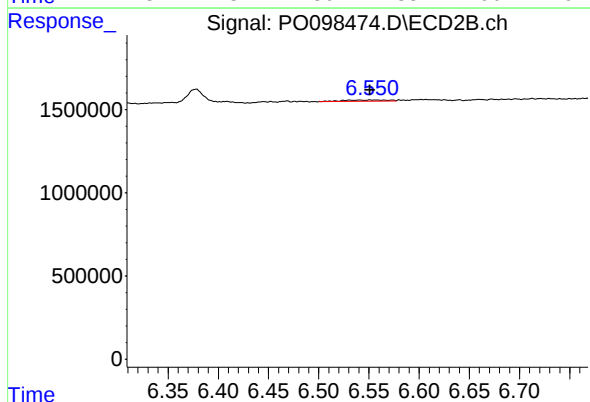
R.T.: 6.377 min
Delta R.T.: -0.020 min
Response: 1523127
Conc: 36.30 ng/ml



#33 AR-1260-3

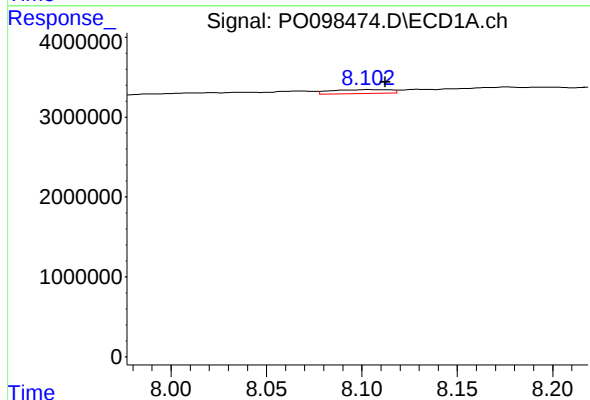
R.T.: 7.872 min
Delta R.T.: -0.013 min
Response: 265499
Conc: 4.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



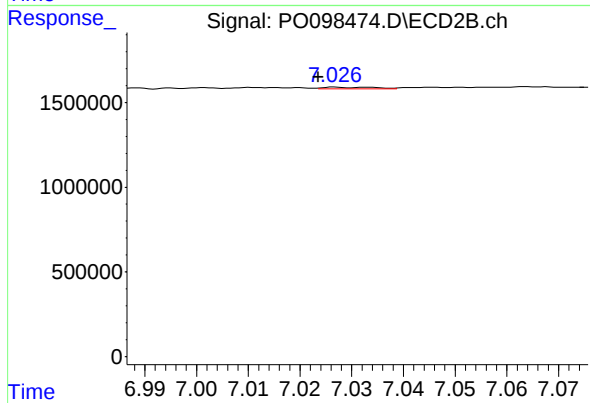
#33 AR-1260-3

R.T.: 6.553 min
Delta R.T.: 0.002 min
Response: 251598
Conc: 6.29 ng/ml



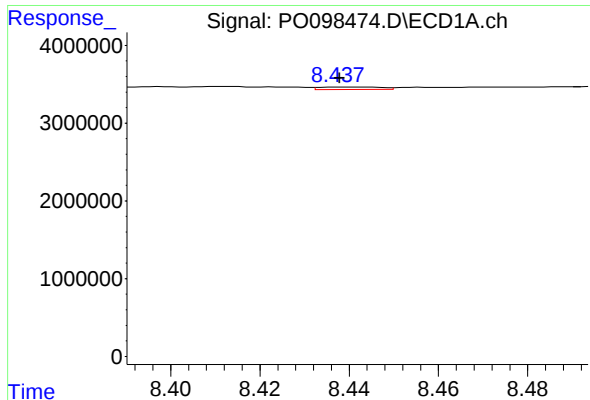
#34 AR-1260-4

R.T.: 8.103 min
Delta R.T.: -0.009 min
Response: 1051374
Conc: 15.60 ng/ml



#34 AR-1260-4

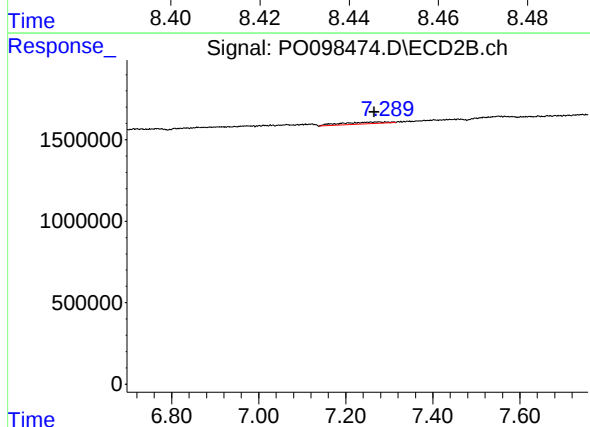
R.T.: 7.030 min
Delta R.T.: 0.006 min
Response: 62888
Conc: 1.95 ng/ml



#35 AR-1260-5

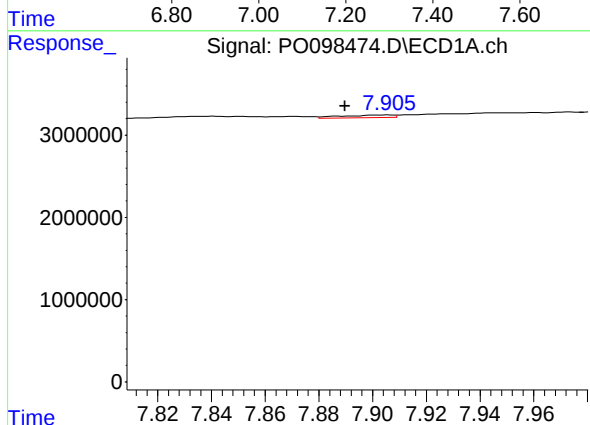
R.T.: 8.443 min
Delta R.T.: 0.006 min
Response: 301356
Conc: 2.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



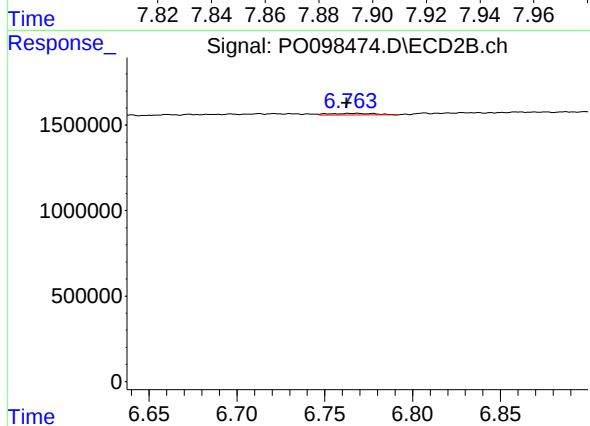
#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.009 min
Response: 852988
Conc: 12.18 ng/ml



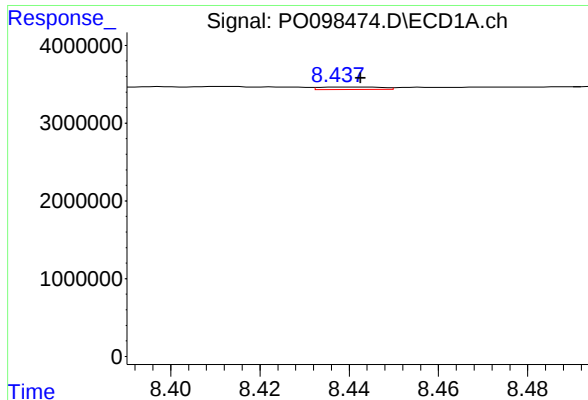
#36 AR-1262-1

R.T.: 7.906 min
Delta R.T.: 0.016 min
Response: 434965
Conc: 5.00 ng/ml



#36 AR-1262-1

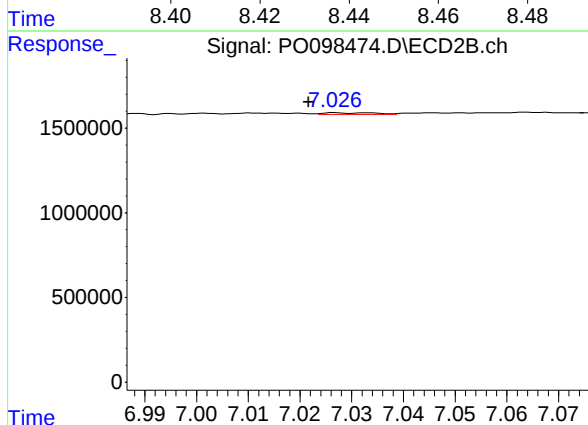
R.T.: 6.767 min
Delta R.T.: 0.004 min
Response: 188004
Conc: 4.15 ng/ml



#37 AR-1262-2

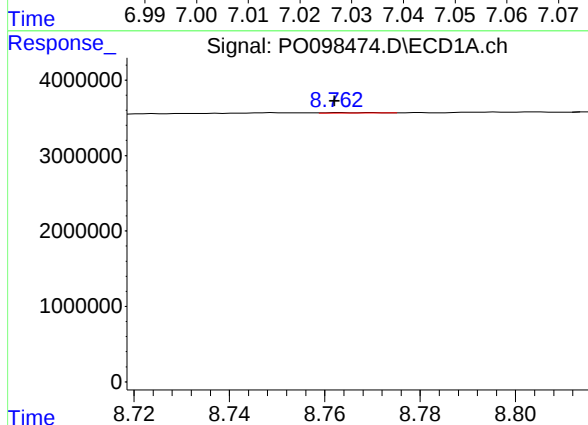
R.T.: 8.443 min
Delta R.T.: 0.000 min
Response: 301356
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



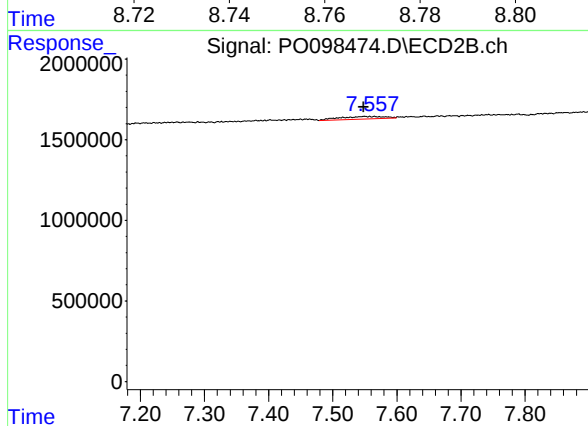
#37 AR-1262-2

R.T.: 7.030 min
Delta R.T.: 0.008 min
Response: 62888
Conc: 1.56 ng/ml



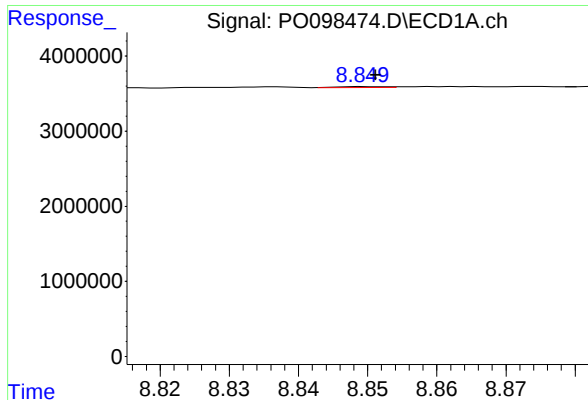
#38 AR-1262-3

R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 54189
Conc: 0.55 ng/ml



#38 AR-1262-3

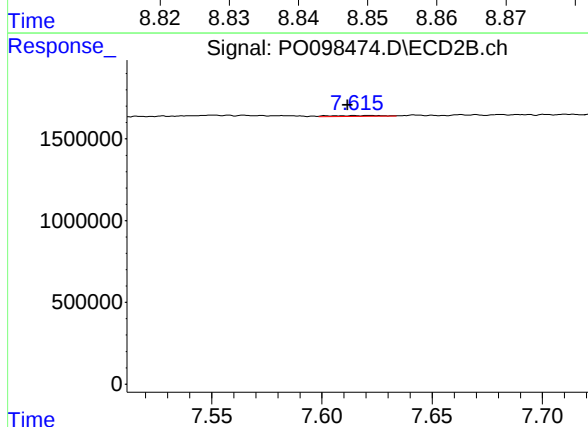
R.T.: 7.550 min
Delta R.T.: 0.002 min
Response: 799272
Conc: 25.75 ng/ml



#39 AR-1262-4

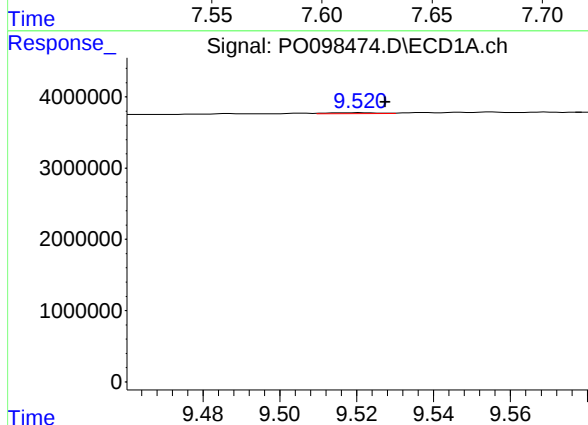
R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 42901
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



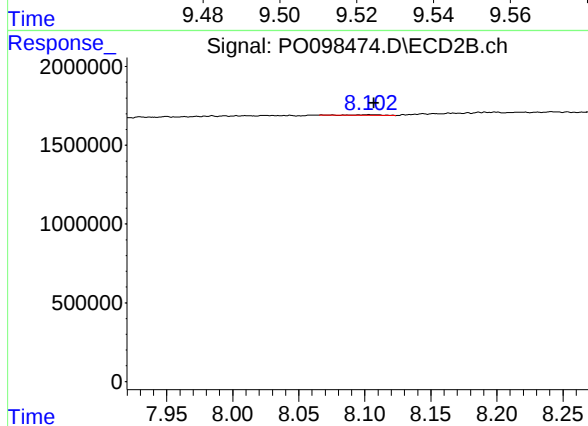
#39 AR-1262-4

R.T.: 7.622 min
Delta R.T.: 0.011 min
Response: 94493
Conc: 1.74 ng/ml



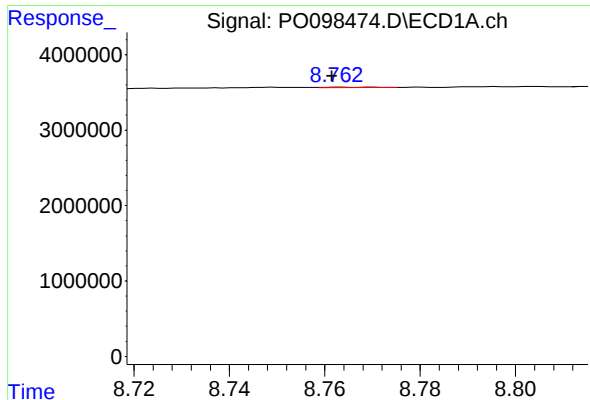
#40 AR-1262-5

R.T.: 9.521 min
Delta R.T.: -0.007 min
Response: 119894
Conc: 2.47 ng/ml



#40 AR-1262-5

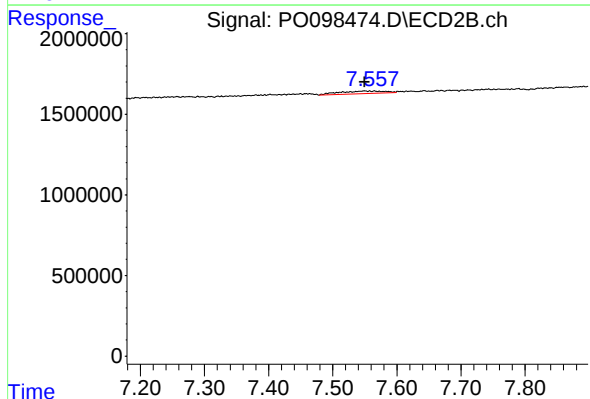
R.T.: 8.103 min
Delta R.T.: -0.004 min
Response: 54866
Conc: 2.22 ng/ml



#41 AR-1268-1

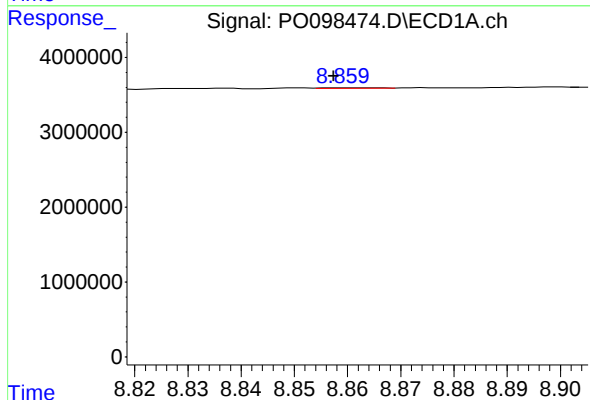
R.T.: 8.763 min
Delta R.T.: 0.001 min
Response: 54189
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



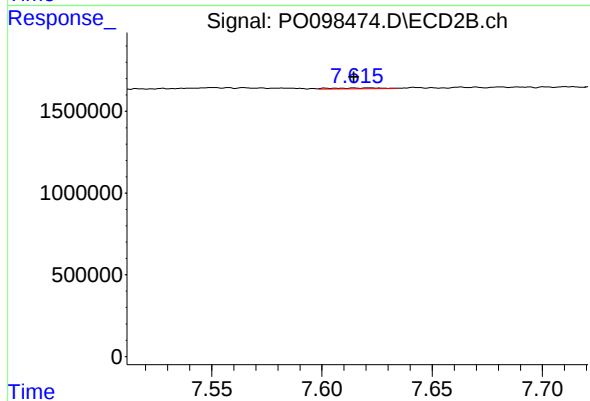
#41 AR-1268-1

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 799272
Conc: 8.75 ng/ml



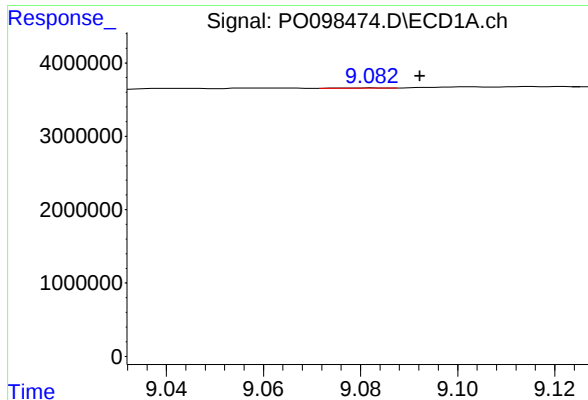
#42 AR-1268-2

R.T.: 8.860 min
Delta R.T.: 0.002 min
Response: 52093
Conc: 0.33 ng/ml



#42 AR-1268-2

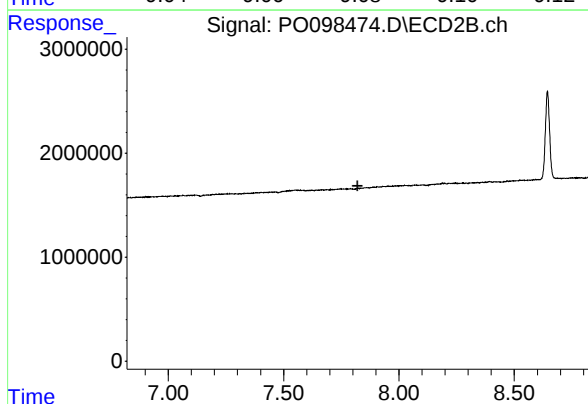
R.T.: 7.622 min
Delta R.T.: 0.008 min
Response: 94493
Conc: 1.22 ng/ml



#43 AR-1268-3

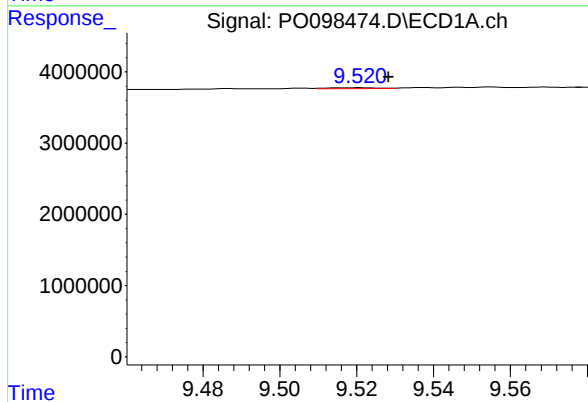
R.T.: 9.082 min
Delta R.T.: -0.010 min
Response: 33192
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



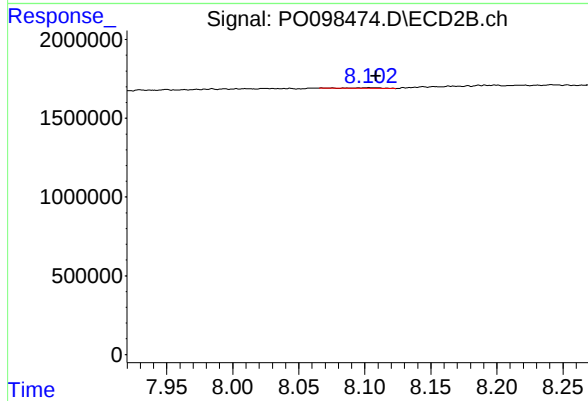
#43 AR-1268-3

R.T.: 7.862 min
Delta R.T.: 0.042 min
Response: -66424
Conc: N.D.



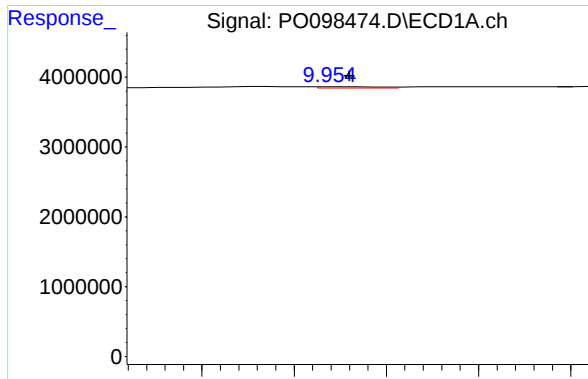
#44 AR-1268-4

R.T.: 9.521 min
Delta R.T.: -0.008 min
Response: 119894
Conc: 2.25 ng/ml



#44 AR-1268-4

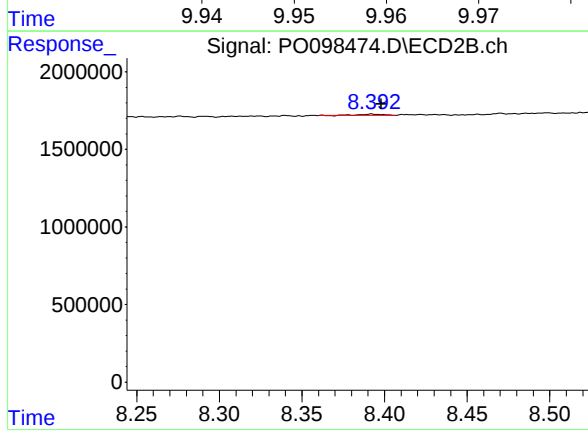
R.T.: 8.103 min
Delta R.T.: -0.005 min
Response: 54866
Conc: 2.03 ng/ml



#45 AR-1268-5

R.T.: 9.955 min
Delta R.T.: 0.000 min
Response: 96926
Conc: 0.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.393 min
Delta R.T.: -0.006 min
Response: 77606
Conc: 0.39 ng/ml