

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080923\
 Data File : P0096834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 11:29
 Operator : YP/AJ
 Sample : PB154700BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 01:26:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.410	3.619	60365598	24630119	18.236	18.606
2) SA Decachlor...	10.352	8.641	44858800	24634414	20.500	21.293
Target Compounds						
3) L1 AR-1016-1	5.591	0.000	56337	0	0.598	N.D. #
4) L1 AR-1016-2	5.591	0.000	56337	0	0.421	N.D. #
5) L1 AR-1016-3	5.643	0.000	80789	0	0.928	N.D. #
6) L1 AR-1016-4	5.713f	0.000	227172	0	3.382	N.D. #
7) L1 AR-1016-5	6.086	0.000	28208	0	0.404	N.D. #
8) L2 AR-1221-1	4.596	3.850	502159	127164	12.321	7.326 #
9) L2 AR-1221-2	4.723	3.919	1444433	307880	47.546	23.828 #
10) L2 AR-1221-3	4.781	3.965	67487	257152	0.771	6.478 #
11) L3 AR-1232-1	4.781	3.965	67487	257152	0.925	7.950 #
12) L3 AR-1232-2	5.328	0.000	107214	0	2.704	N.D. #
13) L3 AR-1232-3	5.591	0.000	56337	0	0.921	N.D. #
14) L3 AR-1232-4	5.713f	0.000	227172	0	7.445	N.D. #
15) L3 AR-1232-5	5.845	0.000	11910	0	0.426	N.D. #
16) L4 AR-1242-1	5.591	0.000	56337	0	0.672	N.D. #
17) L4 AR-1242-2	5.591	0.000	56337	0	0.478	N.D. #
18) L4 AR-1242-3	5.643	0.000	80789	0	1.094	N.D. #
19) L4 AR-1242-4	5.713f	0.000	227172	0	3.816	N.D. #
20) L4 AR-1242-5	6.491f	0.000	51771	0	0.941	N.D. #
21) L5 AR-1248-1	5.591	0.000	56337	0	0.961	N.D. #
22) L5 AR-1248-2	5.845	0.000	11910	0	0.127	N.D. #
23) L5 AR-1248-3	6.086	0.000	28208	0	0.288	N.D. #
24) L5 AR-1248-4	6.491	0.000	51771	0	0.570	N.D. #
25) L5 AR-1248-5	6.491f	5.594f	51771	358857	0.588	7.676 #
26) L6 AR-1254-1	6.472	0.000	28284	0	0.259	N.D. #
27) L6 AR-1254-2	6.690	5.606f	40430	298206	0.251	4.526 #
28) L6 AR-1254-3	7.069	0.000	1270638	0	8.109	N.D. #
29) L6 AR-1254-4	7.402f	0.000	549588	0	5.451	N.D. #
30) L6 AR-1254-5	7.804	0.000	558821	0	4.980	N.D. #
31) L7 AR-1260-1	7.189f	0.000	76095	0	0.605	N.D. #
32) L7 AR-1260-2	0.000	6.369	0	257849	N.D.	3.089 #
33) L7 AR-1260-3	7.897	0.000	1022447	0	9.853	N.D. #
34) L7 AR-1260-4	8.123	7.009	703048	182661	6.288	2.850 #
35) L7 AR-1260-5	8.441	7.271	441209	167540	2.101	1.209 #
36) L8 AR-1262-1	7.897	6.813	1022447	144945	6.884	3.682 #
37) L8 AR-1262-2	8.441	7.009	441209	182661	1.906	2.252
38) L8 AR-1262-3	8.803f	7.542	532364	67185	3.192	1.047 #
39) L8 AR-1262-4	8.830	7.604	178108	62673	2.443	0.552 #
40) L8 AR-1262-5	9.533	0.000	261178	0	3.136	N.D. #
41) L9 AR-1268-1	8.803f	7.542	532364	67185	1.732	0.363 #

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 Integrator: ChemStation

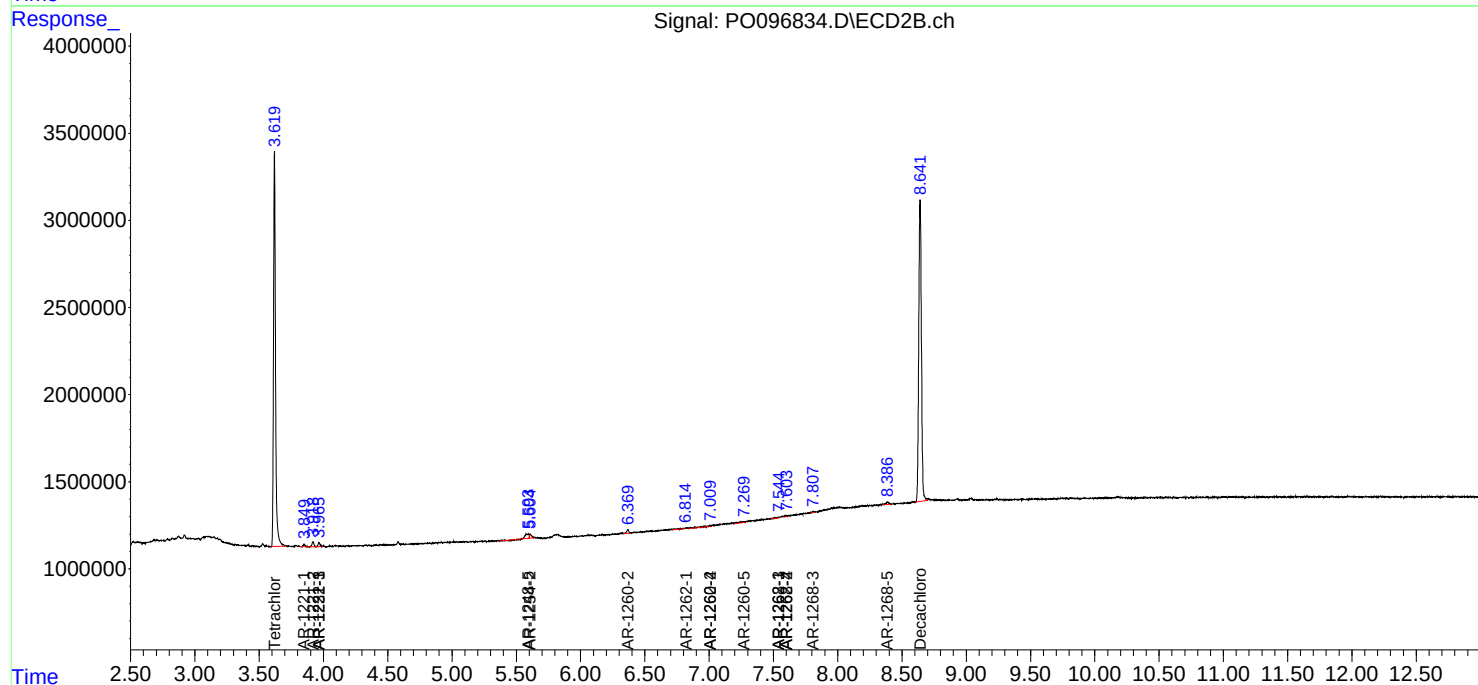
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

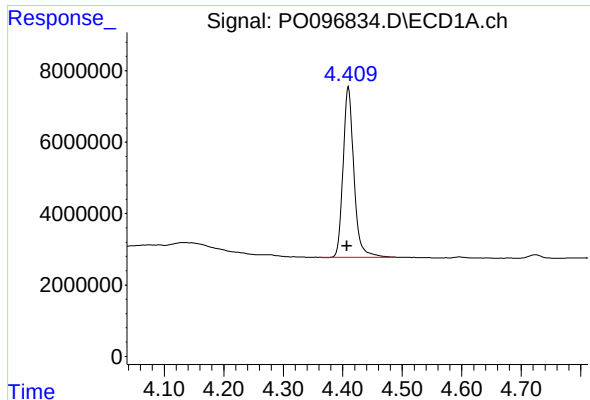
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.830	7.604	178108	62673	0.650	0.374 #
43) L9	AR-1268-3	9.098	7.808	1372399	82504	5.374	0.571 #
44) L9	AR-1268-4	9.533	0.000	261178	0	2.817	N.D. #
45) L9	AR-1268-5	9.992	8.387	209772	180048	0.260	0.433 #

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

Instrument :
ECD_O
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

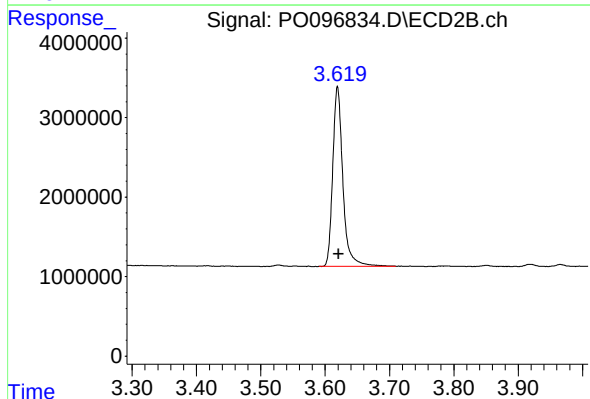




#1 Tetrachloro-m-xylene

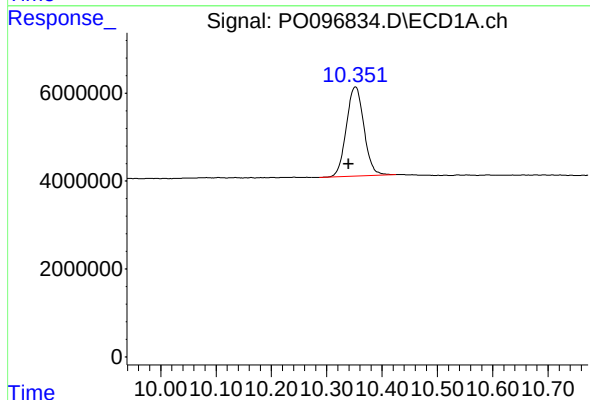
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 60365598
Conc: 18.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



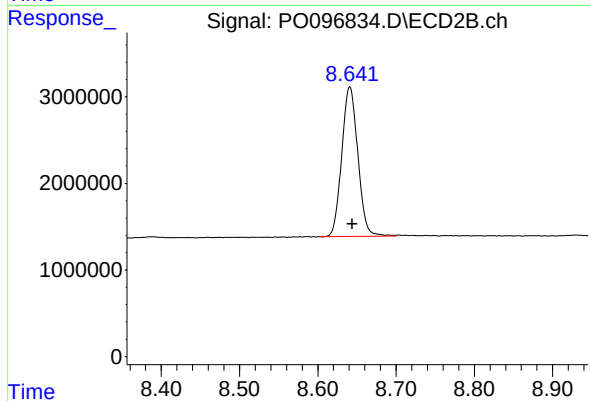
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 24630119
Conc: 18.61 ng/ml



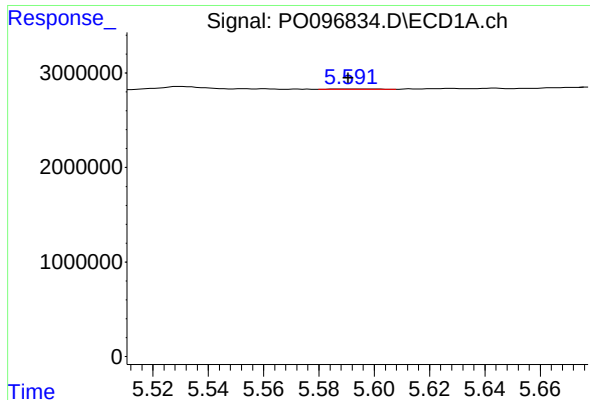
#2 Decachlorobiphenyl

R.T.: 10.352 min
Delta R.T.: 0.012 min
Response: 44858800
Conc: 20.50 ng/ml



#2 Decachlorobiphenyl

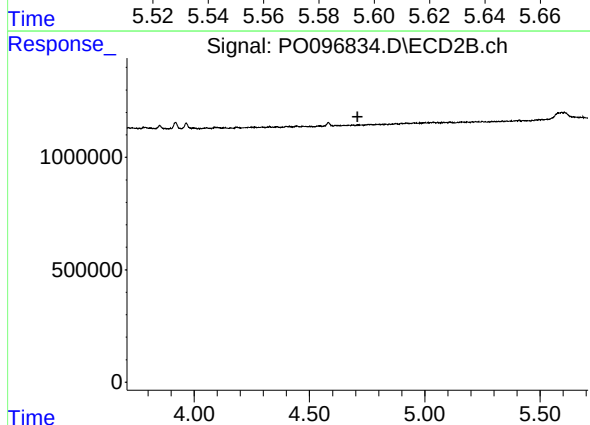
R.T.: 8.641 min
Delta R.T.: -0.003 min
Response: 24634414
Conc: 21.29 ng/ml



#3 AR-1016-1

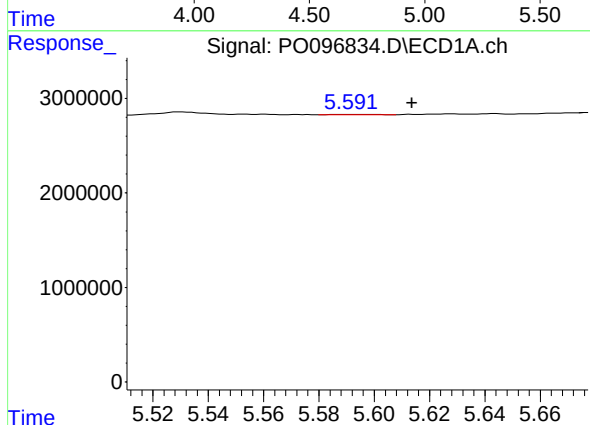
R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 56337
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



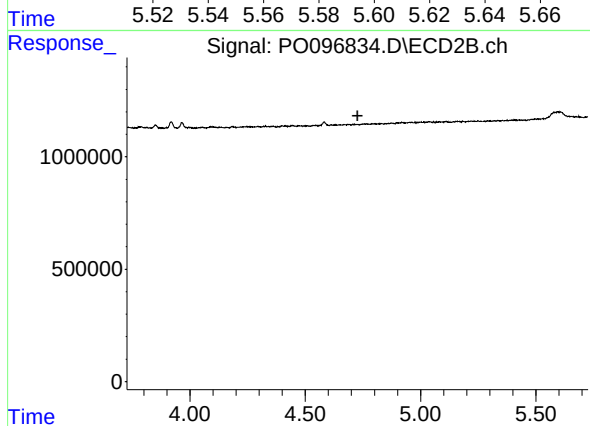
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



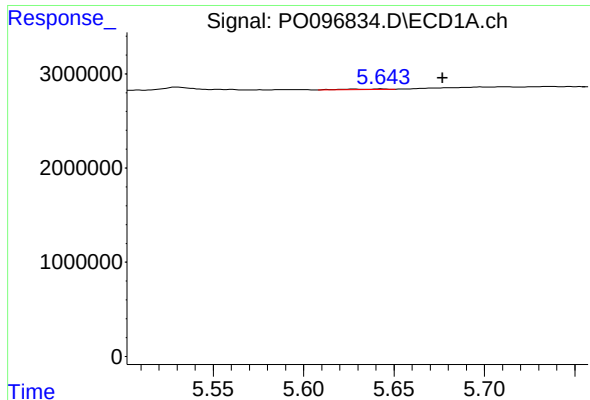
#4 AR-1016-2

R.T.: 5.591 min
Delta R.T.: -0.022 min
Response: 56337
Conc: 0.42 ng/ml



#4 AR-1016-2

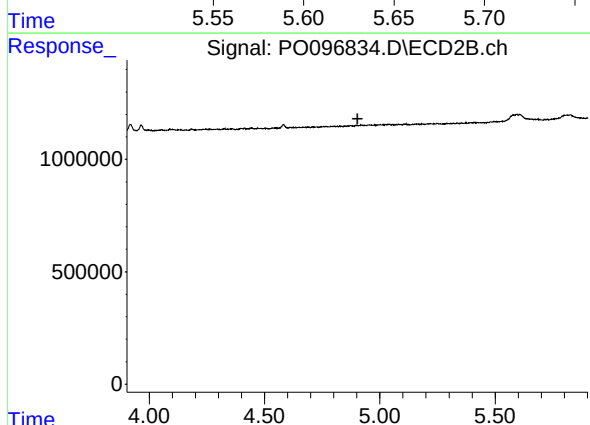
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

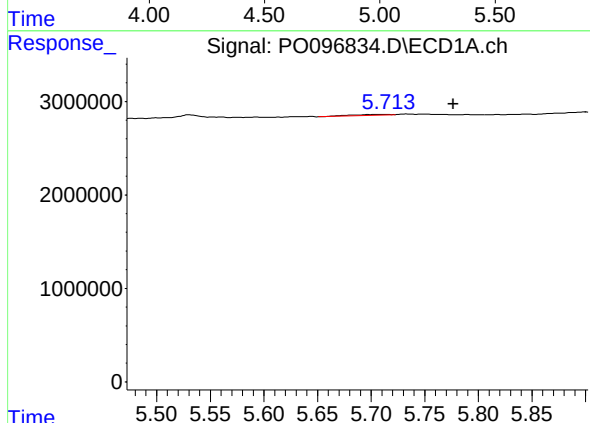
R.T.: 5.643 min
Delta R.T.: -0.034 min
Response: 80789
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



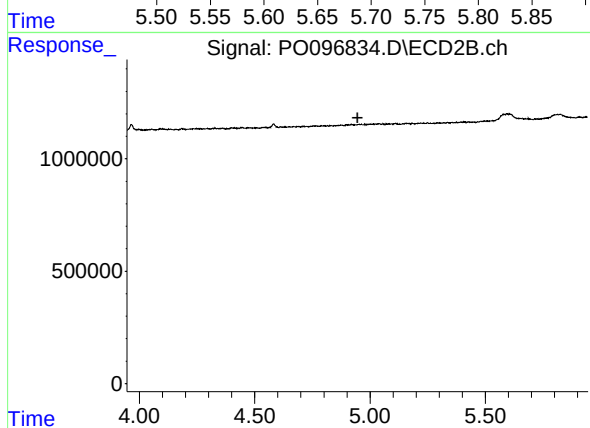
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



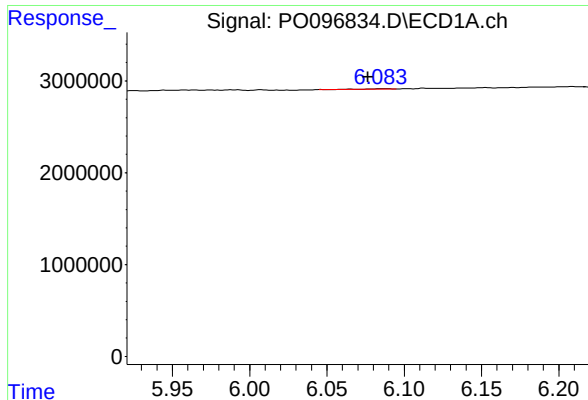
#6 AR-1016-4

R.T.: 5.713 min
Delta R.T.: -0.064 min
Response: 227172
Conc: 3.38 ng/ml



#6 AR-1016-4

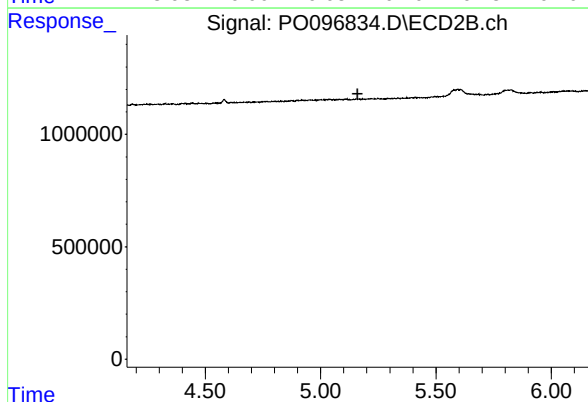
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#7 AR-1016-5

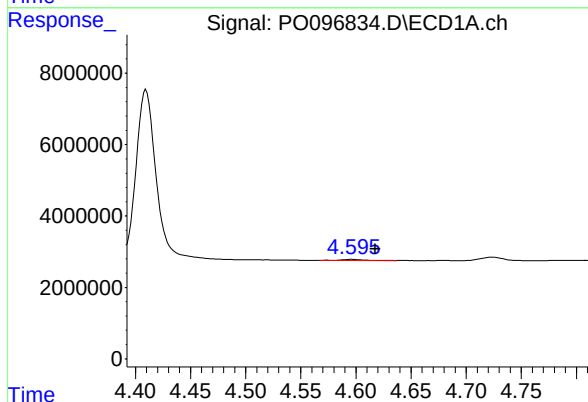
R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 28208
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



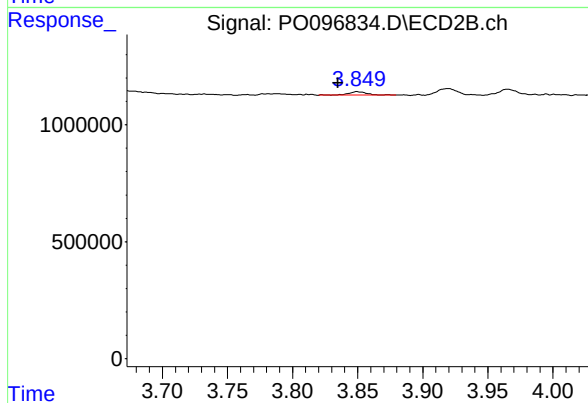
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.160 min
Response: 0
Conc: N.D.



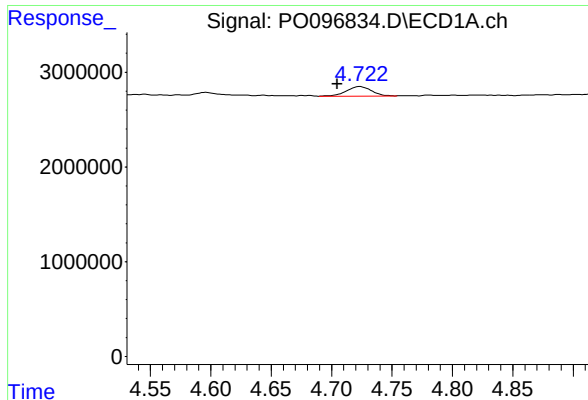
#8 AR-1221-1

R.T.: 4.596 min
Delta R.T.: -0.021 min
Response: 502159
Conc: 12.32 ng/ml



#8 AR-1221-1

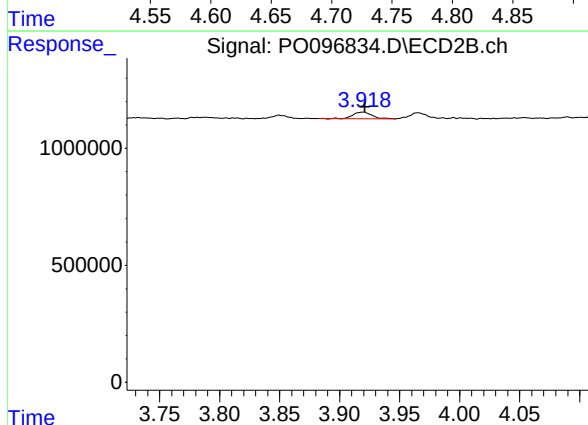
R.T.: 3.850 min
Delta R.T.: 0.015 min
Response: 127164
Conc: 7.33 ng/ml



#9 AR-1221-2

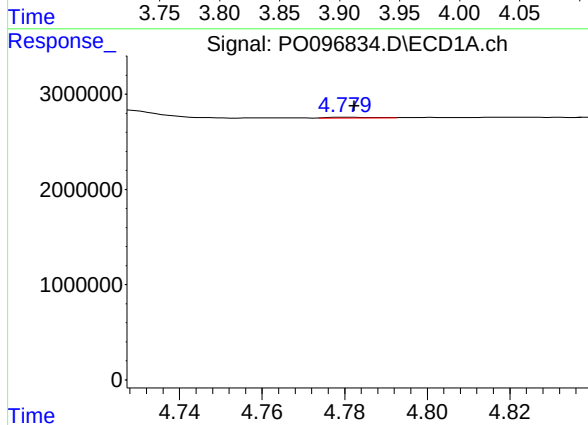
R.T.: 4.723 min
Delta R.T.: 0.018 min
Response: 1444433
Conc: 47.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



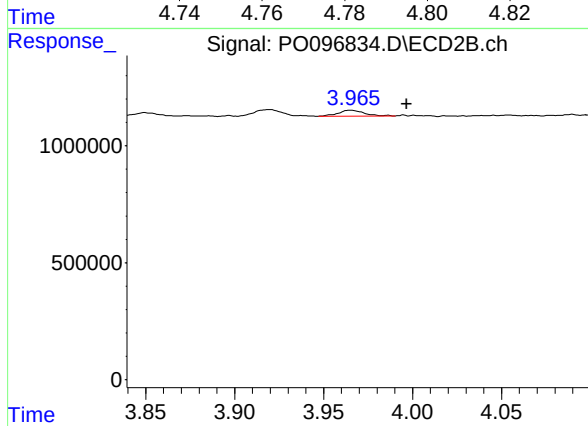
#9 AR-1221-2

R.T.: 3.919 min
Delta R.T.: -0.002 min
Response: 307880
Conc: 23.83 ng/ml



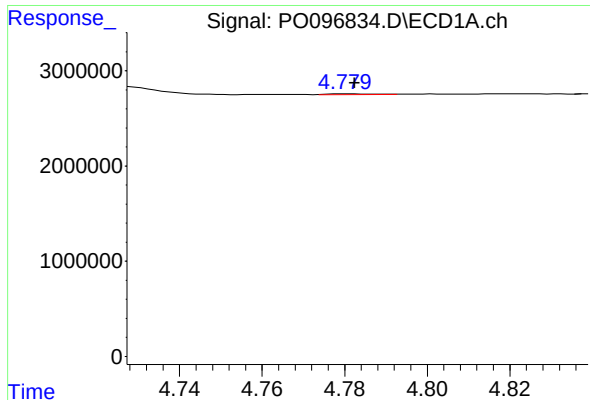
#10 AR-1221-3

R.T.: 4.781 min
Delta R.T.: -0.001 min
Response: 67487
Conc: 0.77 ng/ml



#10 AR-1221-3

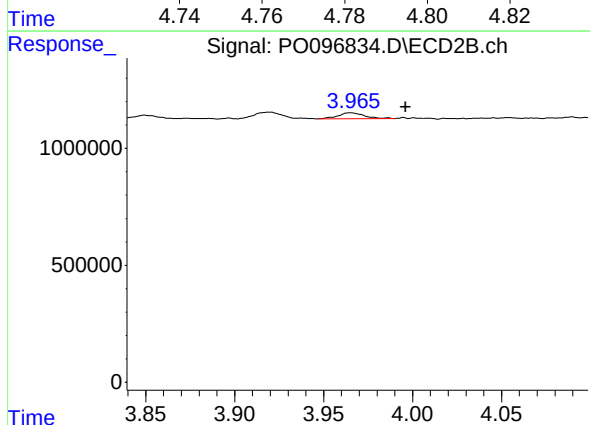
R.T.: 3.965 min
Delta R.T.: -0.032 min
Response: 257152
Conc: 6.48 ng/ml



#11 AR-1232-1

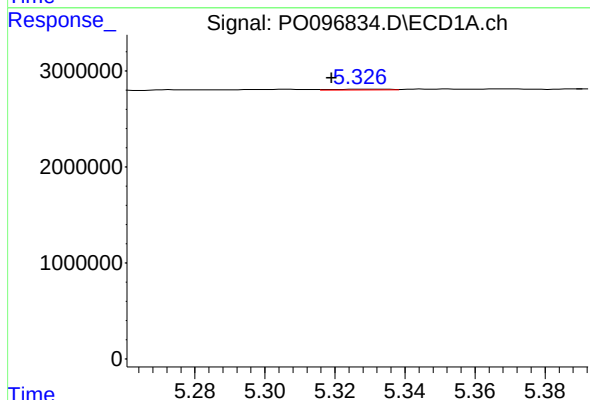
R.T.: 4.781 min
Delta R.T.: -0.001 min
Response: 67487
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



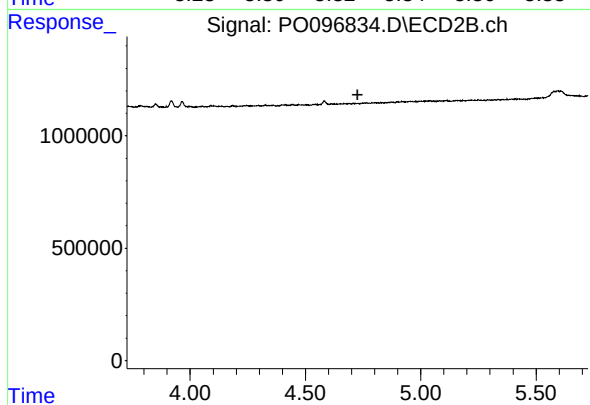
#11 AR-1232-1

R.T.: 3.965 min
Delta R.T.: -0.031 min
Response: 257152
Conc: 7.95 ng/ml



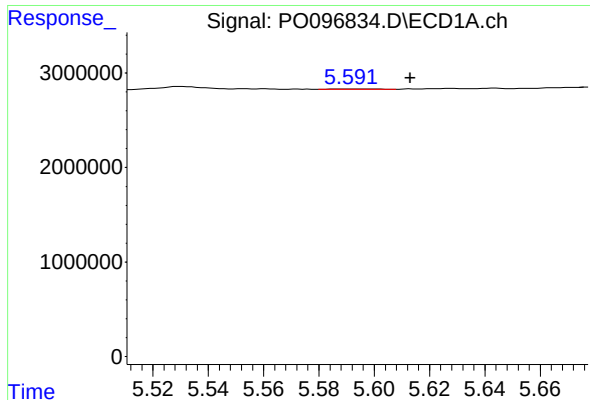
#12 AR-1232-2

R.T.: 5.328 min
Delta R.T.: 0.009 min
Response: 107214
Conc: 2.70 ng/ml



#12 AR-1232-2

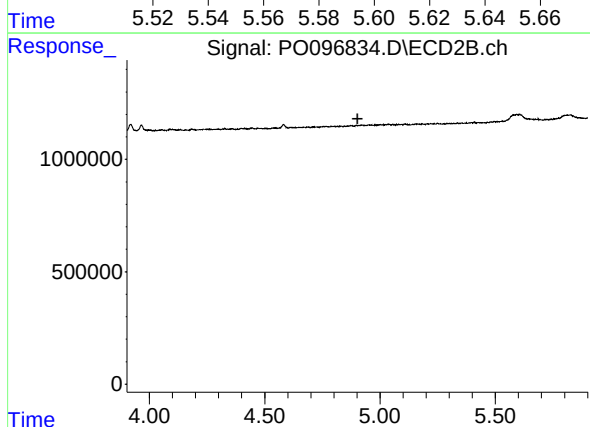
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

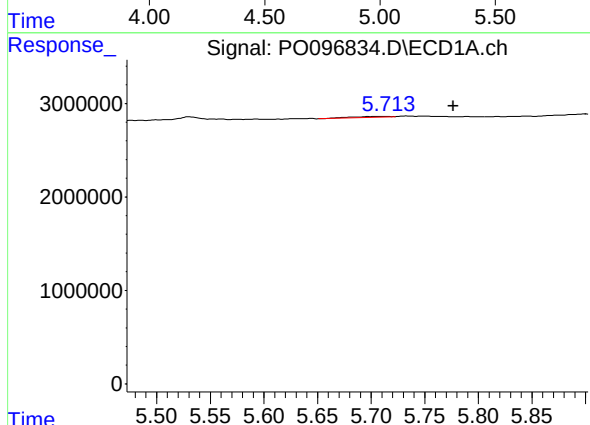
R.T.: 5.591 min
Delta R.T.: -0.022 min
Response: 56337
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



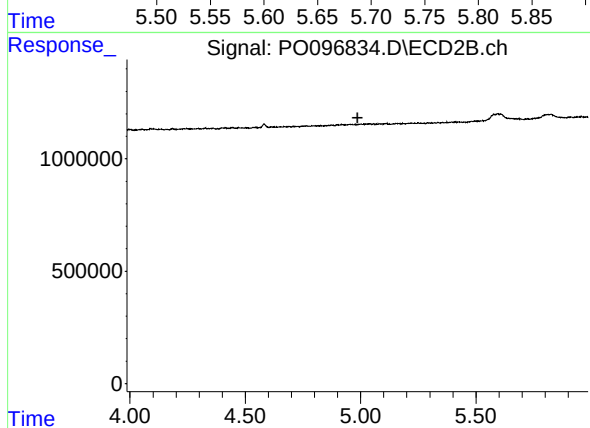
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.902 min
Response: 0
Conc: N.D.



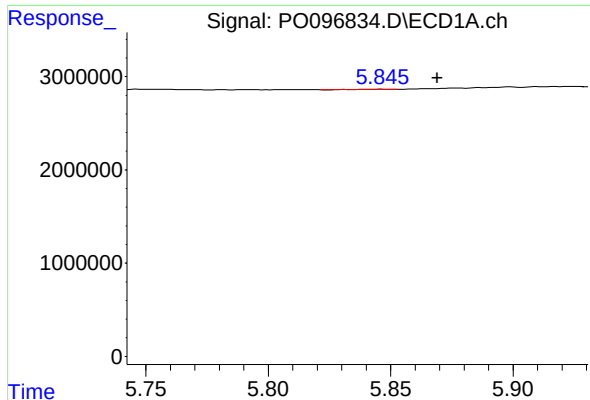
#14 AR-1232-4

R.T.: 5.713 min
Delta R.T.: -0.064 min
Response: 227172
Conc: 7.44 ng/ml



#14 AR-1232-4

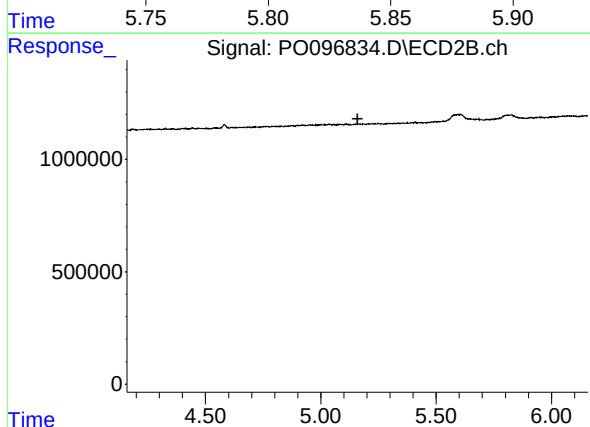
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

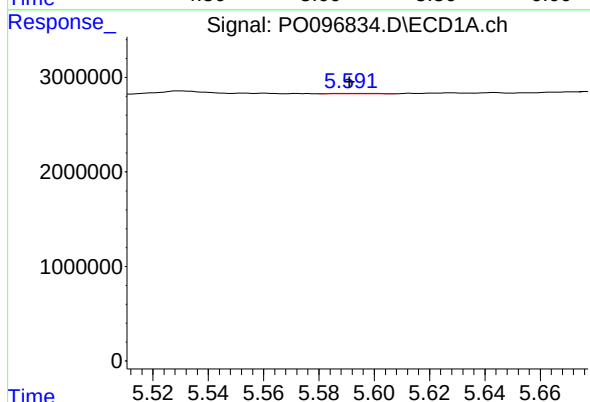
R.T.: 5.845 min
Delta R.T.: -0.023 min
Response: 11910
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



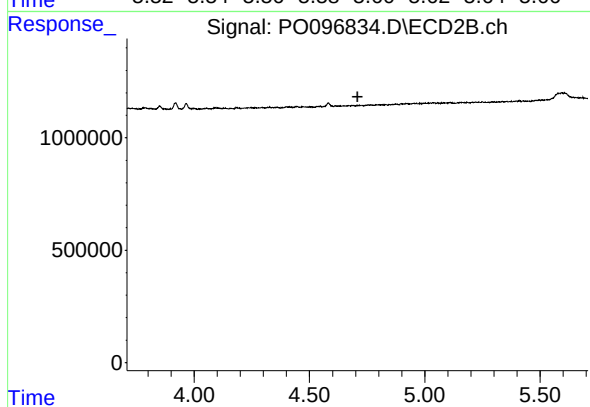
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.159 min
Response: 0
Conc: N.D.



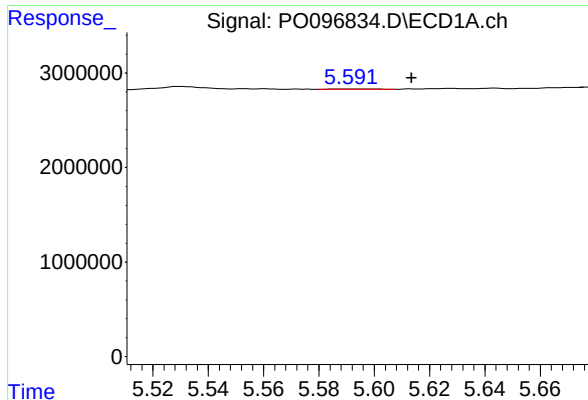
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 56337
Conc: 0.67 ng/ml



#16 AR-1242-1

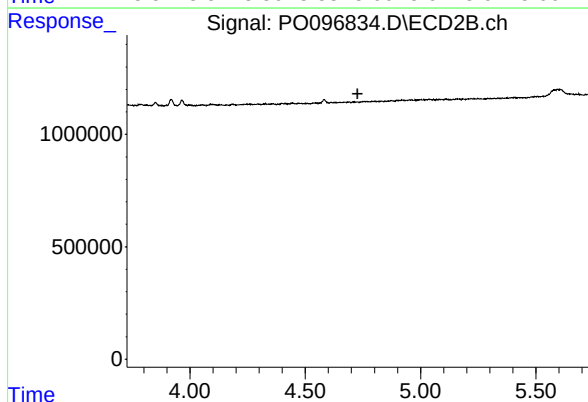
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

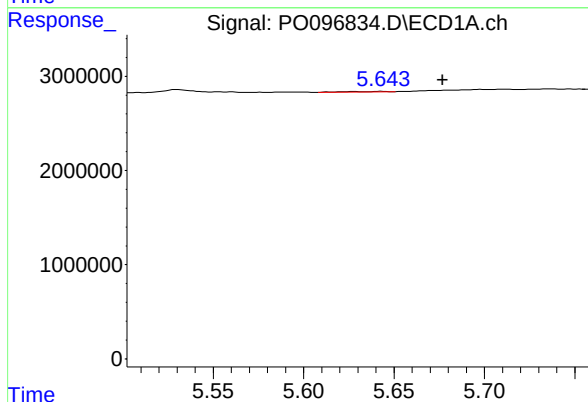
R.T.: 5.591 min
Delta R.T.: -0.022 min
Response: 56337
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



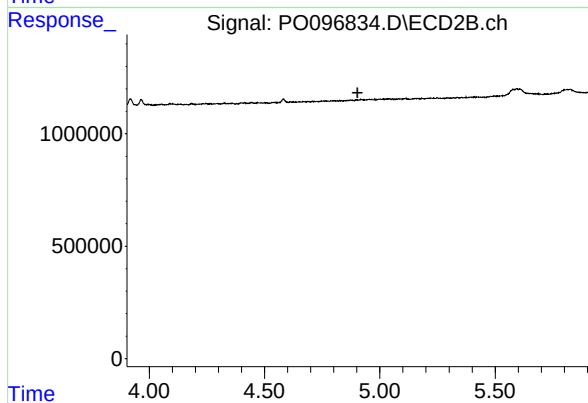
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.727 min
Response: 0
Conc: N.D.



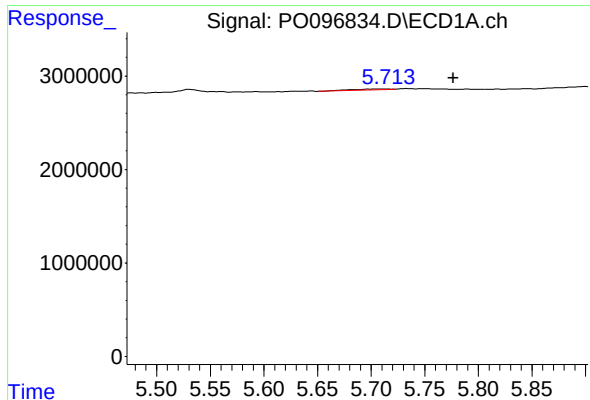
#18 AR-1242-3

R.T.: 5.643 min
Delta R.T.: -0.033 min
Response: 80789
Conc: 1.09 ng/ml



#18 AR-1242-3

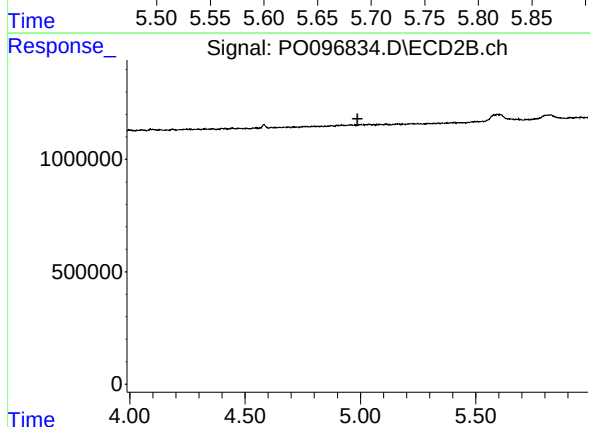
R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



#19 AR-1242-4

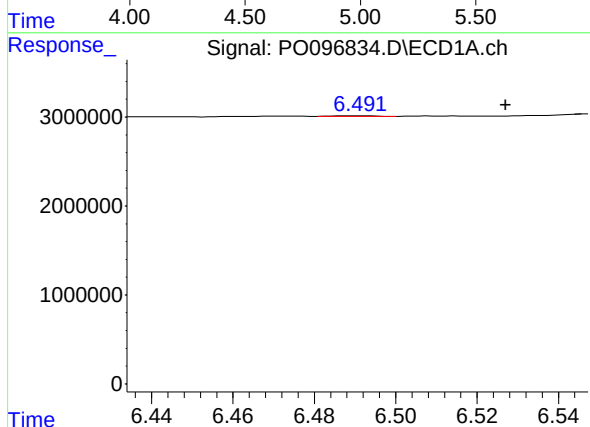
R.T.: 5.713 min
Delta R.T.: -0.064 min
Response: 227172
Conc: 3.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



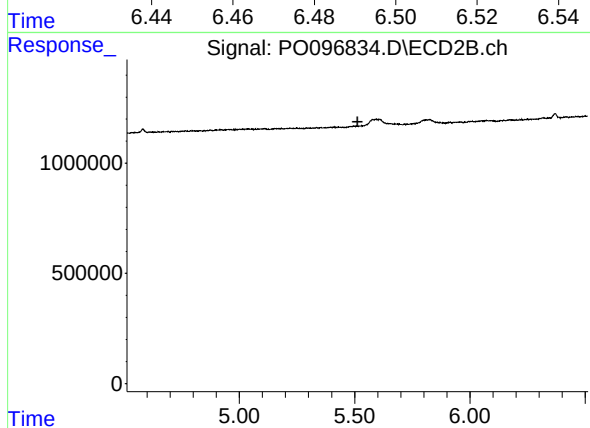
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



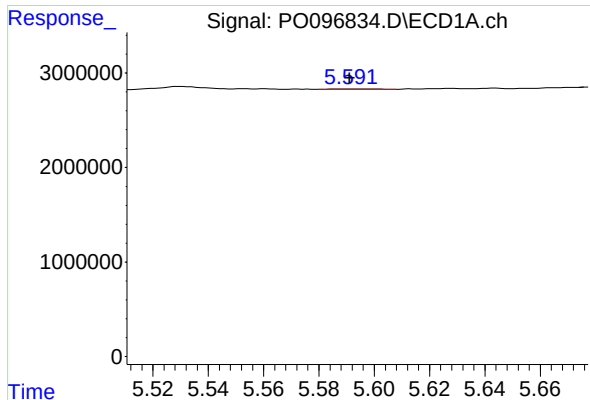
#20 AR-1242-5

R.T.: 6.491 min
Delta R.T.: -0.036 min
Response: 51771
Conc: 0.94 ng/ml



#20 AR-1242-5

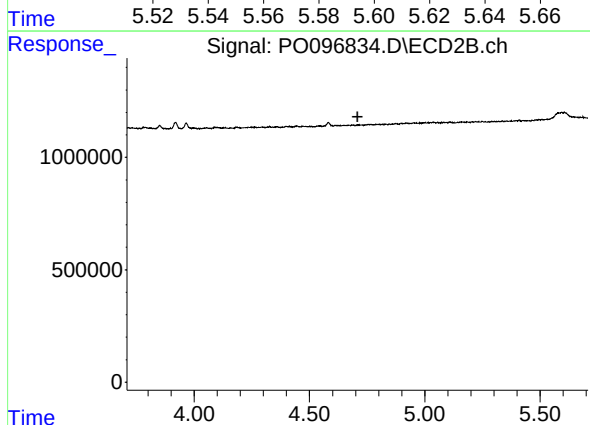
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

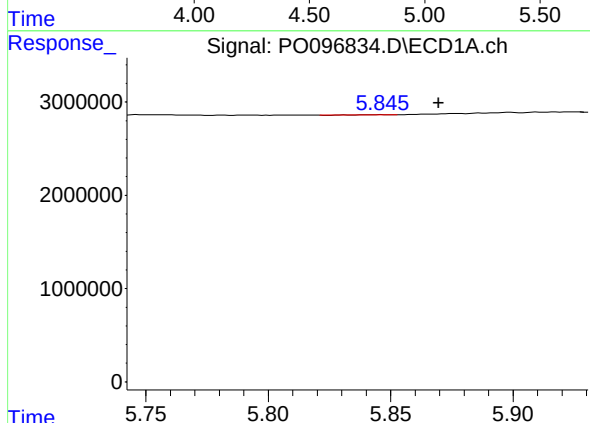
R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 56337
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



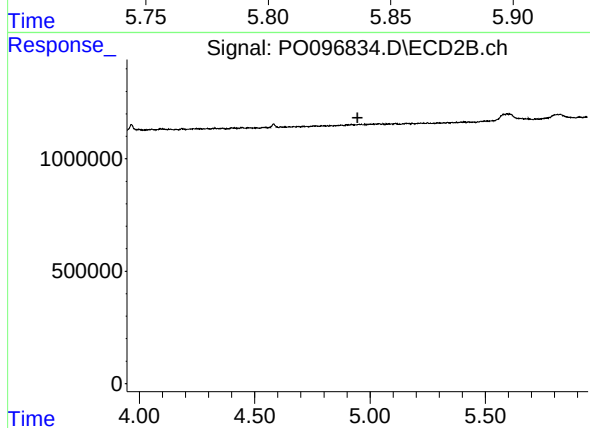
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



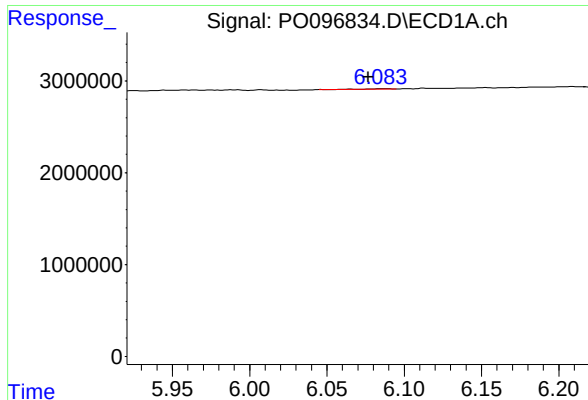
#22 AR-1248-2

R.T.: 5.845 min
Delta R.T.: -0.024 min
Response: 11910
Conc: 0.13 ng/ml



#22 AR-1248-2

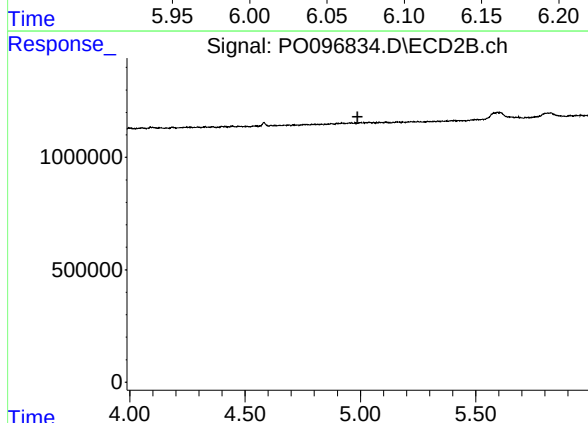
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#23 AR-1248-3

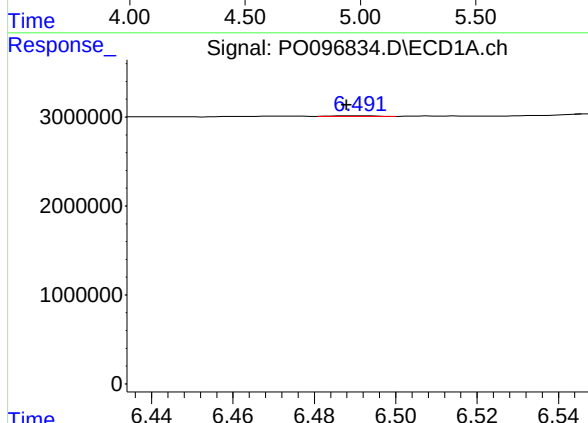
R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 28208
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



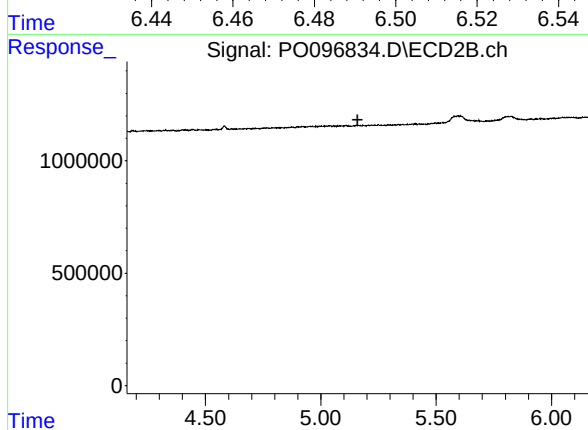
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



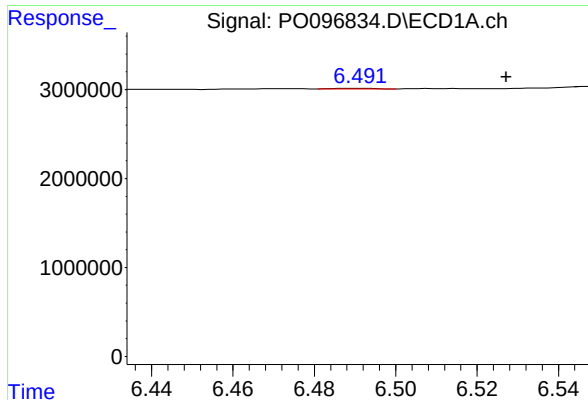
#24 AR-1248-4

R.T.: 6.491 min
Delta R.T.: 0.003 min
Response: 51771
Conc: 0.57 ng/ml



#24 AR-1248-4

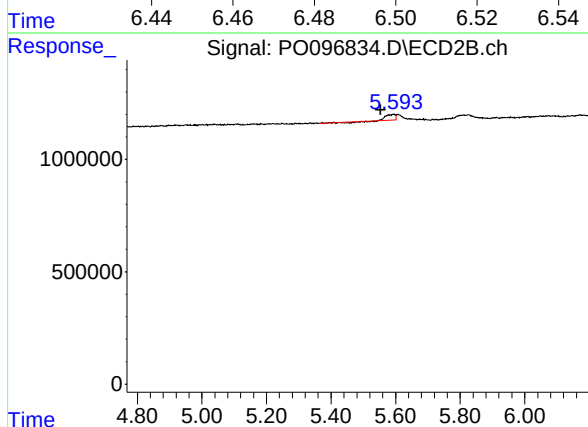
R.T.: 0.000 min
Exp R.T. : 5.159 min
Response: 0
Conc: N.D.



#25 AR-1248-5

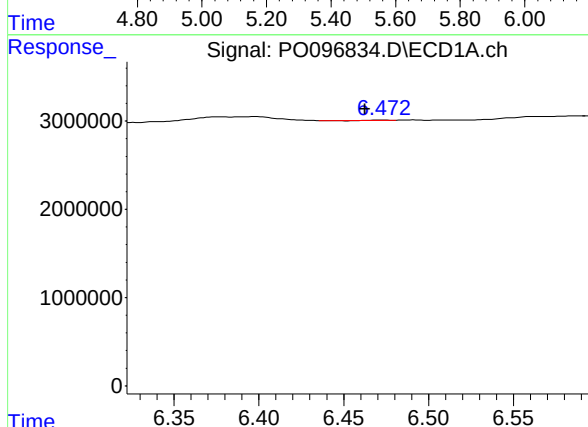
R.T.: 6.491 min
Delta R.T.: -0.036 min
Response: 51771
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



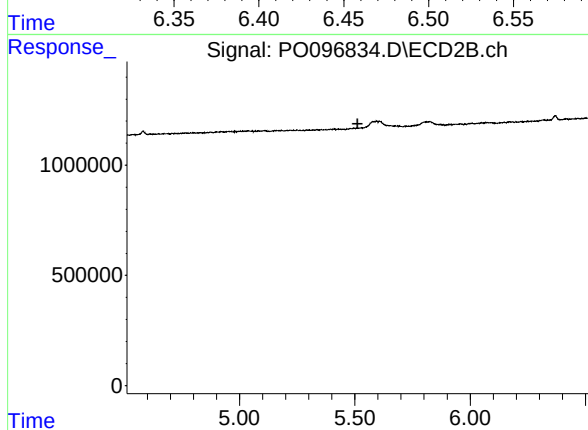
#25 AR-1248-5

R.T.: 5.594 min
Delta R.T.: 0.040 min
Response: 358857
Conc: 7.68 ng/ml



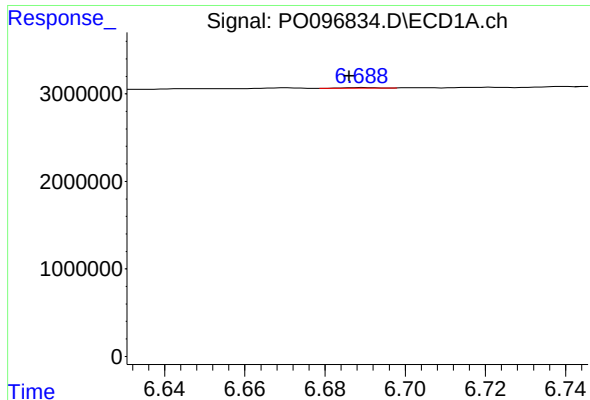
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.010 min
Response: 28284
Conc: 0.26 ng/ml



#26 AR-1254-1

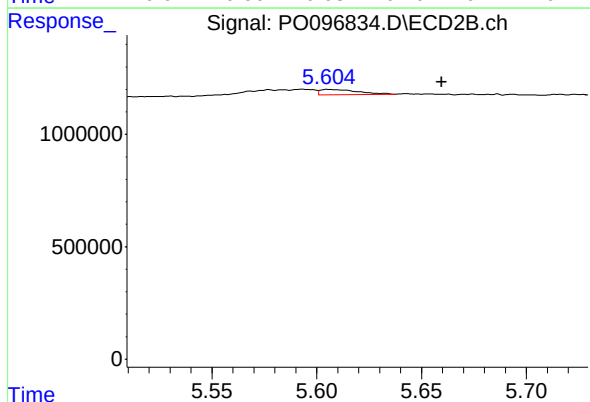
R.T.: 0.000 min
Exp R.T.: 5.511 min
Response: 0
Conc: N.D.



#27 AR-1254-2

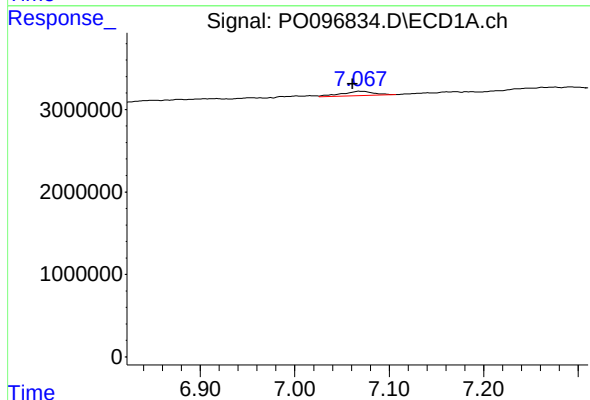
R.T.: 6.690 min
Delta R.T.: 0.004 min
Response: 40430
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



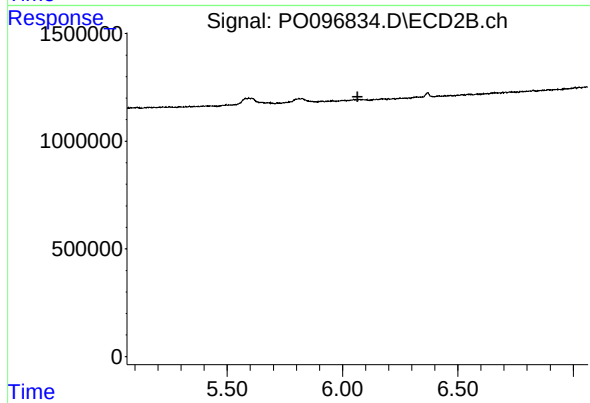
#27 AR-1254-2

R.T.: 5.606 min
Delta R.T.: -0.054 min
Response: 298206
Conc: 4.53 ng/ml



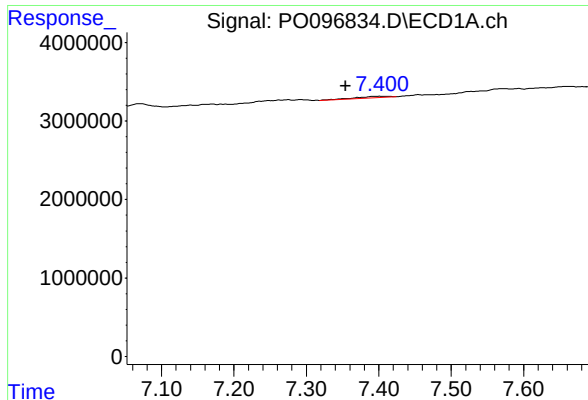
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 1270638
Conc: 8.11 ng/ml



#28 AR-1254-3

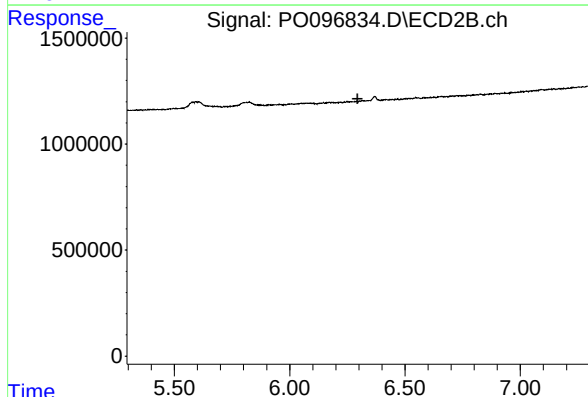
R.T.: 0.000 min
Exp R.T.: 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

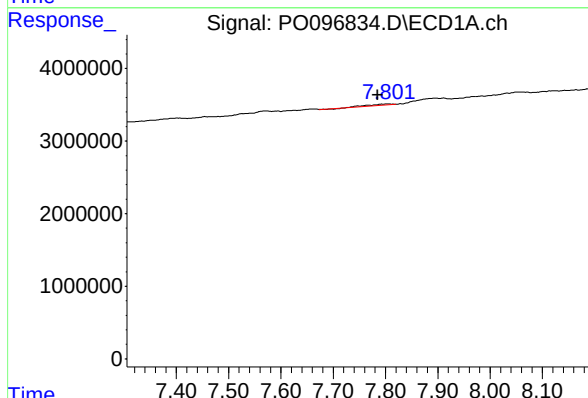
R.T.: 7.402 min
Delta R.T.: 0.047 min
Response: 549588
Conc: 5.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



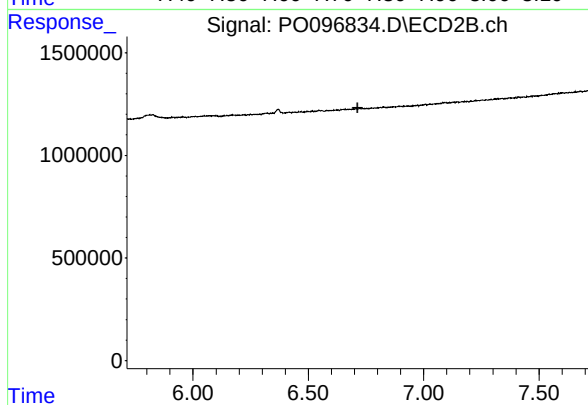
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.294 min
Response: 0
Conc: N.D.



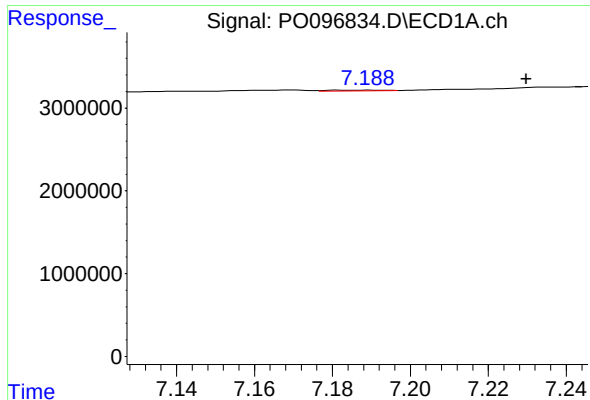
#30 AR-1254-5

R.T.: 7.804 min
Delta R.T.: 0.019 min
Response: 558821
Conc: 4.98 ng/ml



#30 AR-1254-5

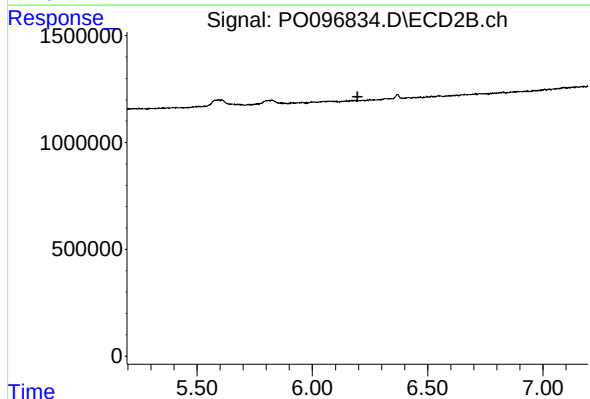
R.T.: 0.000 min
Exp R.T. : 6.713 min
Response: 0
Conc: N.D.



#31 AR-1260-1

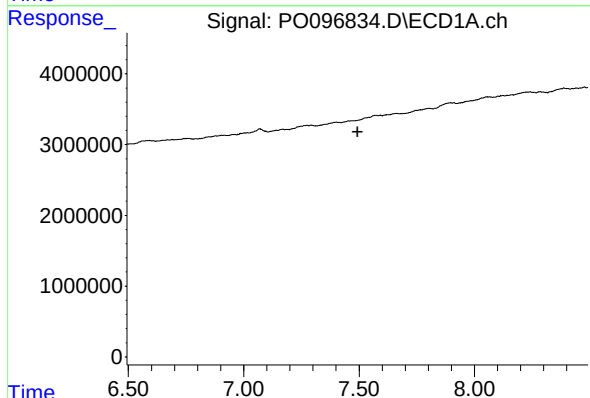
R.T.: 7.189 min
Delta R.T.: -0.041 min
Response: 76095
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



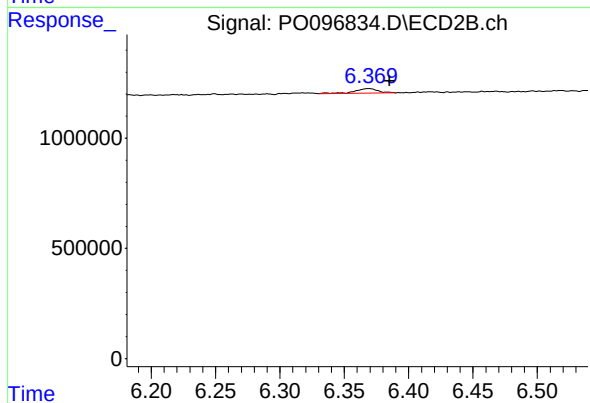
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



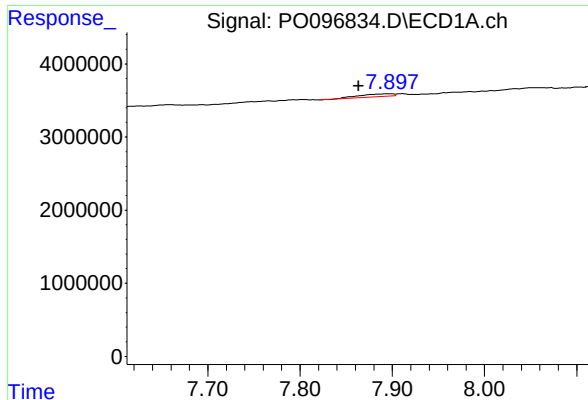
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.493 min
Response: 0
Conc: N.D.



#32 AR-1260-2

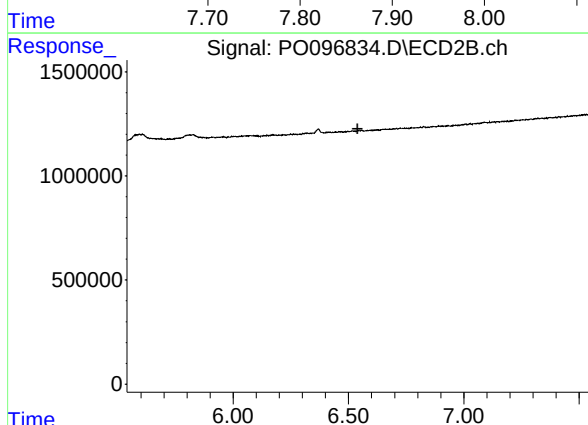
R.T.: 6.369 min
Delta R.T.: -0.016 min
Response: 257849
Conc: 3.09 ng/ml



#33 AR-1260-3

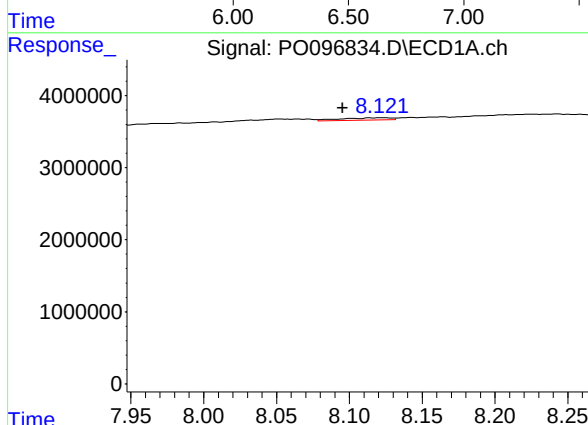
R.T.: 7.897 min
Delta R.T.: 0.033 min
Response: 1022447
Conc: 9.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



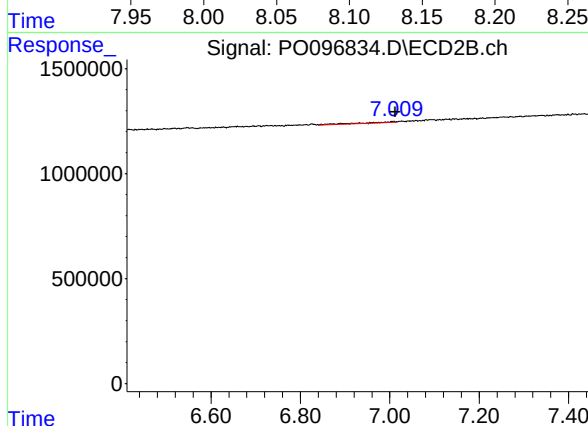
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 6.539 min
Response: 0
Conc: N.D.



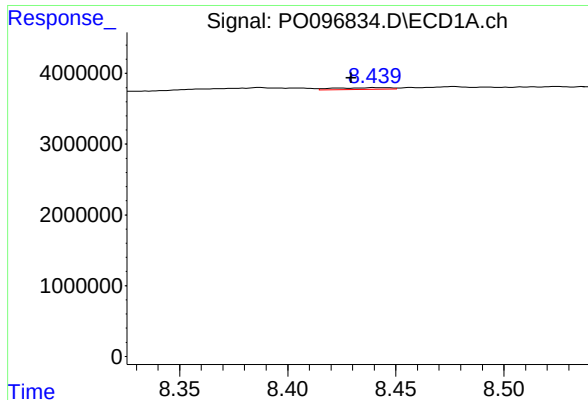
#34 AR-1260-4

R.T.: 8.123 min
Delta R.T.: 0.027 min
Response: 703048
Conc: 6.29 ng/ml



#34 AR-1260-4

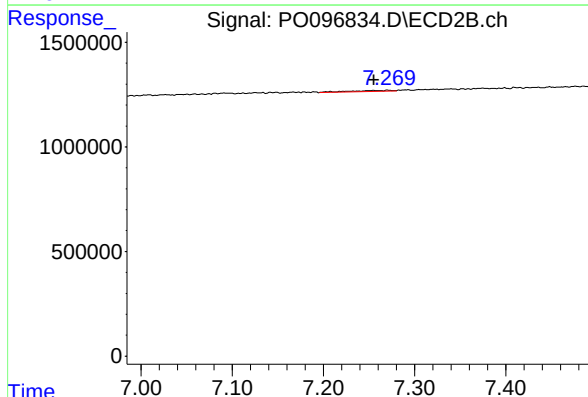
R.T.: 7.009 min
Delta R.T.: -0.003 min
Response: 182661
Conc: 2.85 ng/ml



#35 AR-1260-5

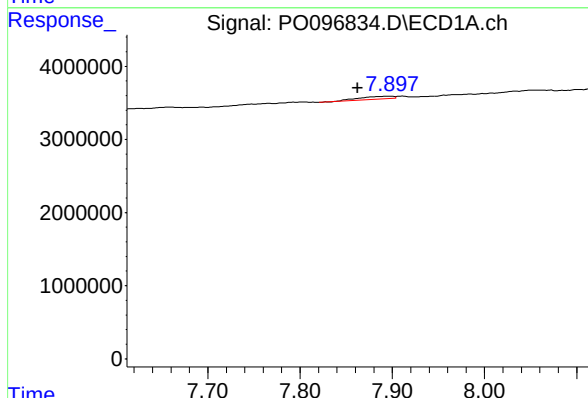
R.T.: 8.441 min
Delta R.T.: 0.012 min
Response: 441209
Conc: 2.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



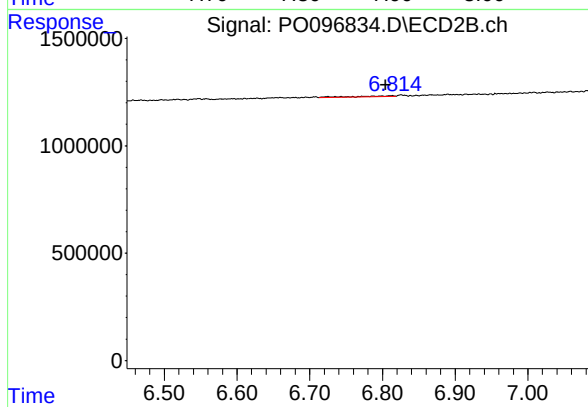
#35 AR-1260-5

R.T.: 7.271 min
Delta R.T.: 0.015 min
Response: 167540
Conc: 1.21 ng/ml



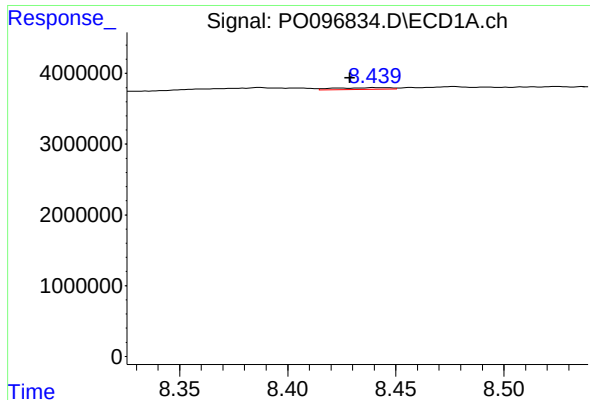
#36 AR-1262-1

R.T.: 7.897 min
Delta R.T.: 0.034 min
Response: 1022447
Conc: 6.88 ng/ml



#36 AR-1262-1

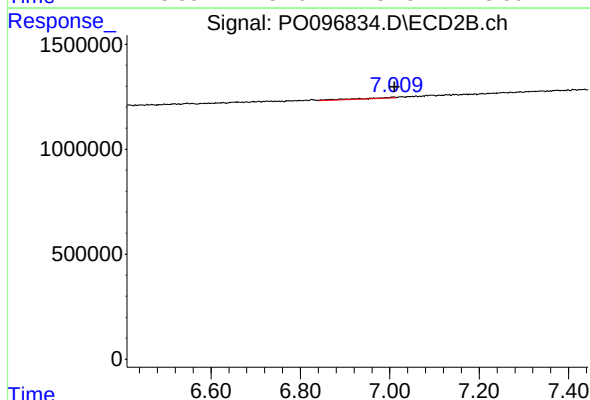
R.T.: 6.813 min
Delta R.T.: 0.009 min
Response: 144945
Conc: 3.68 ng/ml



#37 AR-1262-2

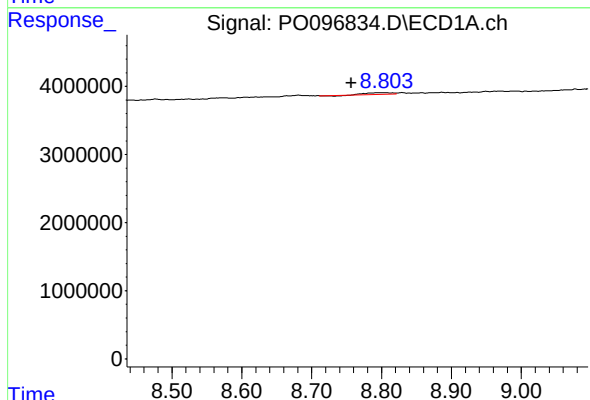
R.T.: 8.441 min
Delta R.T.: 0.012 min
Response: 441209
Conc: 1.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



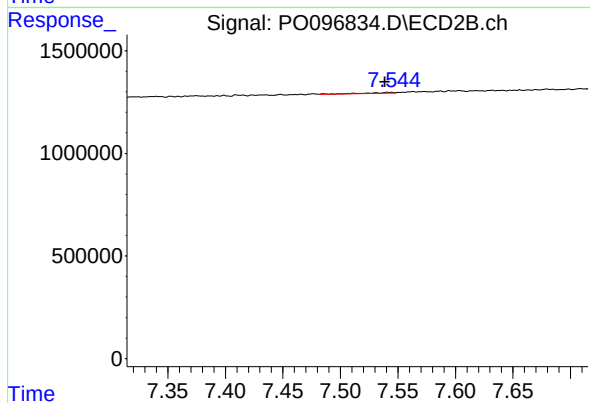
#37 AR-1262-2

R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 182661
Conc: 2.25 ng/ml



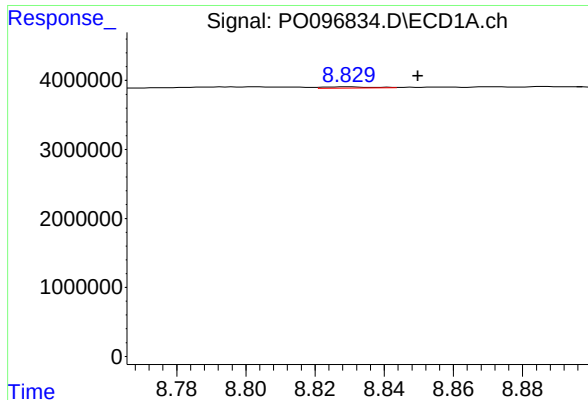
#38 AR-1262-3

R.T.: 8.803 min
Delta R.T.: 0.046 min
Response: 532364
Conc: 3.19 ng/ml



#38 AR-1262-3

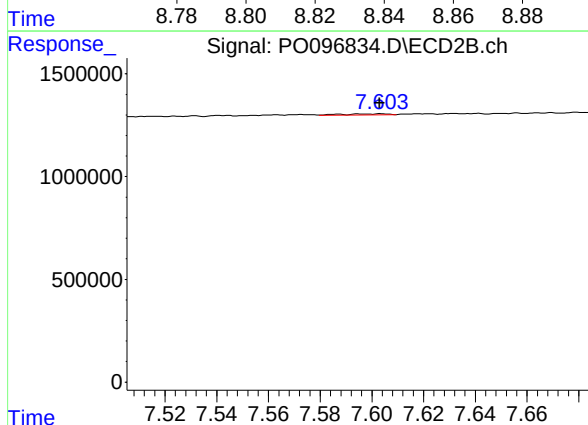
R.T.: 7.542 min
Delta R.T.: 0.003 min
Response: 67185
Conc: 1.05 ng/ml



#39 AR-1262-4

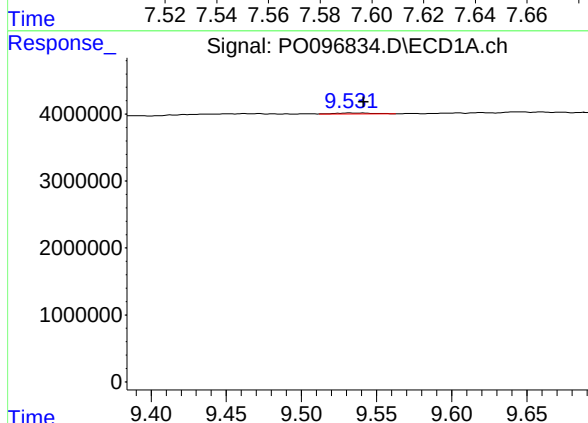
R.T.: 8.830 min
Delta R.T.: -0.020 min
Response: 178108
Conc: 2.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



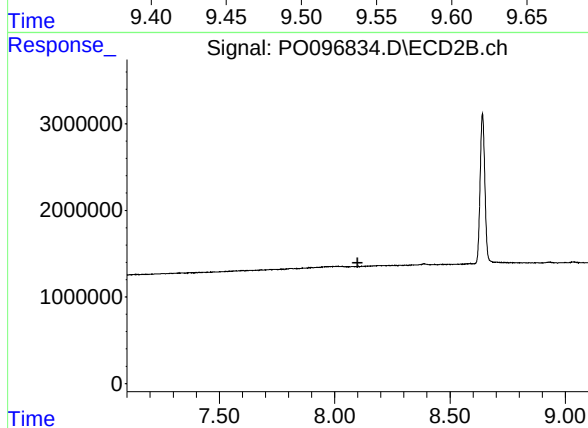
#39 AR-1262-4

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 62673
Conc: 0.55 ng/ml



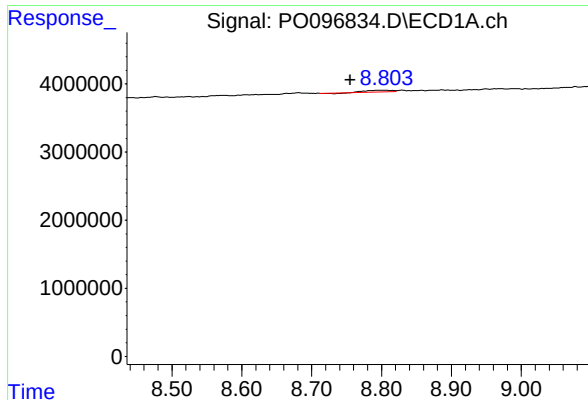
#40 AR-1262-5

R.T.: 9.533 min
Delta R.T.: -0.008 min
Response: 261178
Conc: 3.14 ng/ml



#40 AR-1262-5

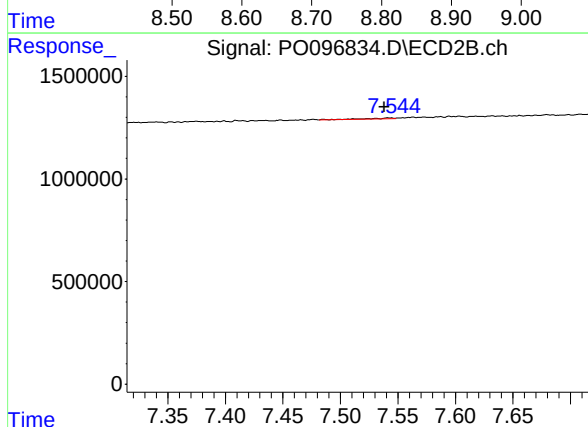
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

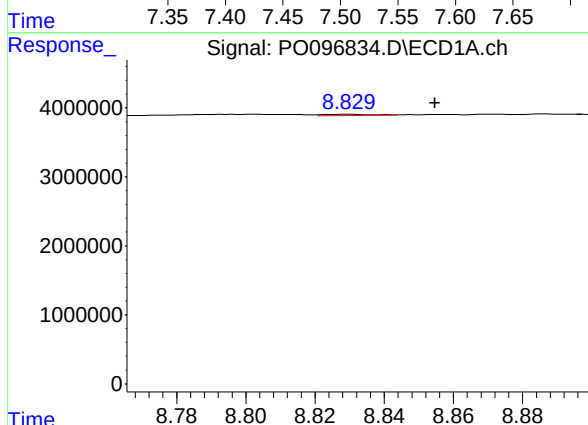
R.T.: 8.803 min
Delta R.T.: 0.048 min
Response: 532364
Conc: 1.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



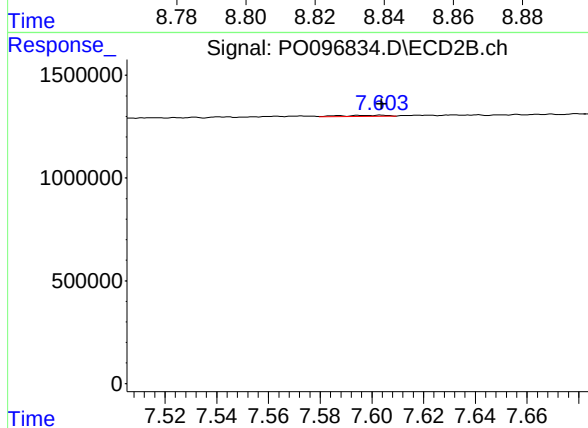
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.004 min
Response: 67185
Conc: 0.36 ng/ml



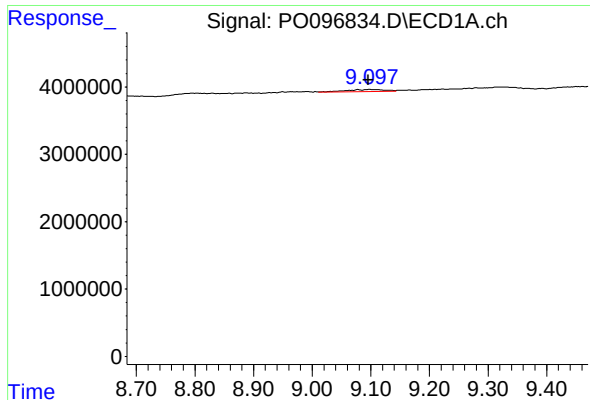
#42 AR-1268-2

R.T.: 8.830 min
Delta R.T.: -0.025 min
Response: 178108
Conc: 0.65 ng/ml



#42 AR-1268-2

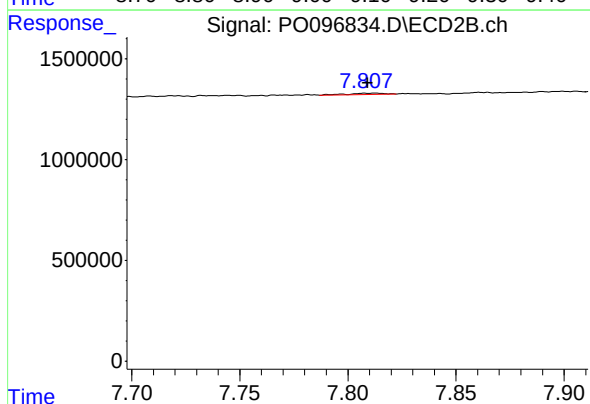
R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 62673
Conc: 0.37 ng/ml



#43 AR-1268-3

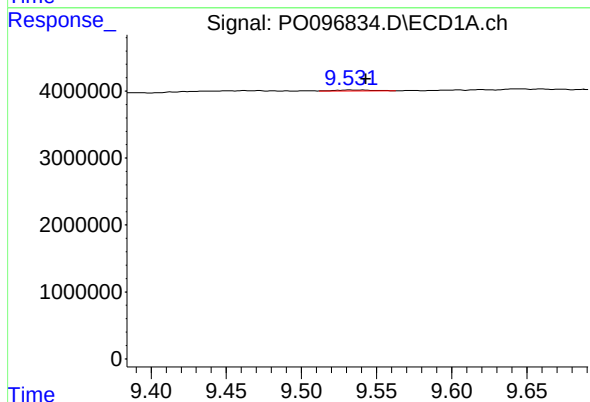
R.T.: 9.098 min
Delta R.T.: 0.002 min
Response: 1372399
Conc: 5.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



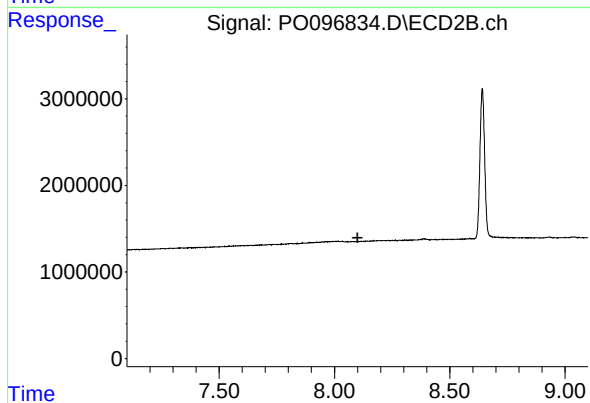
#43 AR-1268-3

R.T.: 7.808 min
Delta R.T.: 0.000 min
Response: 82504
Conc: 0.57 ng/ml



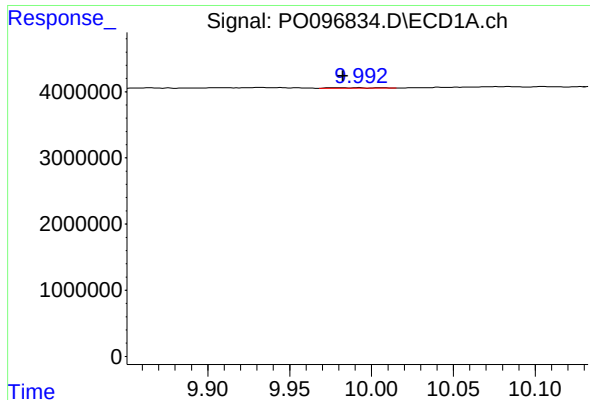
#44 AR-1268-4

R.T.: 9.533 min
Delta R.T.: -0.010 min
Response: 261178
Conc: 2.82 ng/ml



#44 AR-1268-4

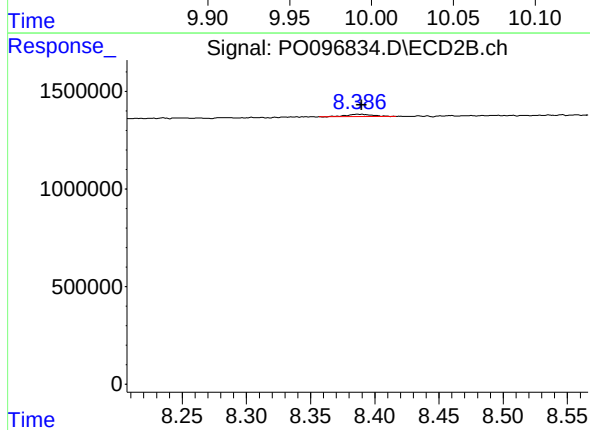
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.992 min
Delta R.T.: 0.010 min
Response: 209772
Conc: 0.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: -0.003 min
Response: 180048
Conc: 0.43 ng/ml