

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0120423\
 Data File : P0100257.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 17:23
 Operator : YP/AJ
 Sample : 05599-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:07:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.479	3.703	32724561	30400440	19.173	20.268
2) SA Decachlor...	10.362	8.796	18635230	27790216	25.656	24.835
Target Compounds						
3) L1 AR-1016-1	5.676	4.805	121165	103085	2.816	3.265
4) L1 AR-1016-2	5.695	4.826	108858	36489	1.681	0.844 #
5) L1 AR-1016-3	5.750	5.012	167528	86096	3.844	3.712
6) L1 AR-1016-4	5.849	5.053	147930	72208	4.481	3.522
7) L1 AR-1016-5	6.154	5.266	35805	28411	1.140	1.114
8) L2 AR-1221-1	4.689	3.925	65449	1249532	3.175	65.730 #
9) L2 AR-1221-2	4.790	3.993	473969	1370018	31.380	105.132 #
10) L2 AR-1221-3	4.851	4.077	94579	28270	2.108	0.787 #
11) L3 AR-1232-1	4.851	4.077	94579	28270	2.651	0.963 #
12) L3 AR-1232-2	5.404	4.826	42810	36489	2.460	1.840 #
13) L3 AR-1232-3	5.695	5.012	108858	86096	3.842	8.308 #
14) L3 AR-1232-4	5.849	5.096	147930	89542	10.649	9.008
15) L3 AR-1232-5	5.949	5.266	62851	28411	5.121	2.631 #
16) L4 AR-1242-1	5.676	4.805	121165	103085	3.498	3.922
17) L4 AR-1242-2	5.695	4.826	108858	36489	2.074	1.038 #
18) L4 AR-1242-3	5.750	5.012	167528	86096	4.813	4.496
19) L4 AR-1242-4	5.849	5.096	147930	89542	5.627	4.446
20) L4 AR-1242-5	6.600	5.619	80449	97876	3.598	4.189
21) L5 AR-1248-1	5.676	4.805	121165	103085	4.687	5.156
22) L5 AR-1248-2	5.949	5.053	62851	72208	1.537	2.581 #
23) L5 AR-1248-3	6.154	5.096	35805	89542	0.836	3.101 #
24) L5 AR-1248-4	6.559	5.266	61117	28411	1.622	0.866 #
25) L5 AR-1248-5	6.600	5.655	80449	273059	2.178	9.141 #
26) L6 AR-1254-1	6.539	5.619	114461	97876	2.377	1.888
27) L6 AR-1254-2	6.758	5.793	81335	163775	1.186	3.517 #
28) L6 AR-1254-3	7.128	6.177	201387	210048	3.161	2.693
29) L6 AR-1254-4	7.410	6.410	53834	76840	1.424	1.801 #
30) L6 AR-1254-5	7.831	6.836	44895	153052	1.049	2.115 #
31) L7 AR-1260-1	7.290	6.300	42874	41283	0.805	0.714
32) L7 AR-1260-2	7.558	6.487	82369	261232	1.557	3.933 #
33) L7 AR-1260-3	7.919	6.645	102844	26910	2.883	0.421 #
34) L7 AR-1260-4	8.149	7.126	40026	37846	0.967	0.751
35) L7 AR-1260-5	8.482	7.365	184076	82157	2.756	0.733 #
36) L8 AR-1262-1	7.831	6.836	44895	153052	1.241	4.004 #
37) L8 AR-1262-2	8.482	7.126	184076	37846	2.168	0.502 #
38) L8 AR-1262-3	8.799	7.672	47415	167269	0.787	2.872 #
39) L8 AR-1262-4	8.897	7.731	79739	56418	1.654	0.549 #
40) L8 AR-1262-5	9.570	8.227	58090	160806	2.225	3.690 #
41) L9 AR-1268-1	8.799	7.672	47415	167269	0.430	1.007 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0120423\
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Integration File signal 1: autoint1.e
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 Integrator: ChemStation

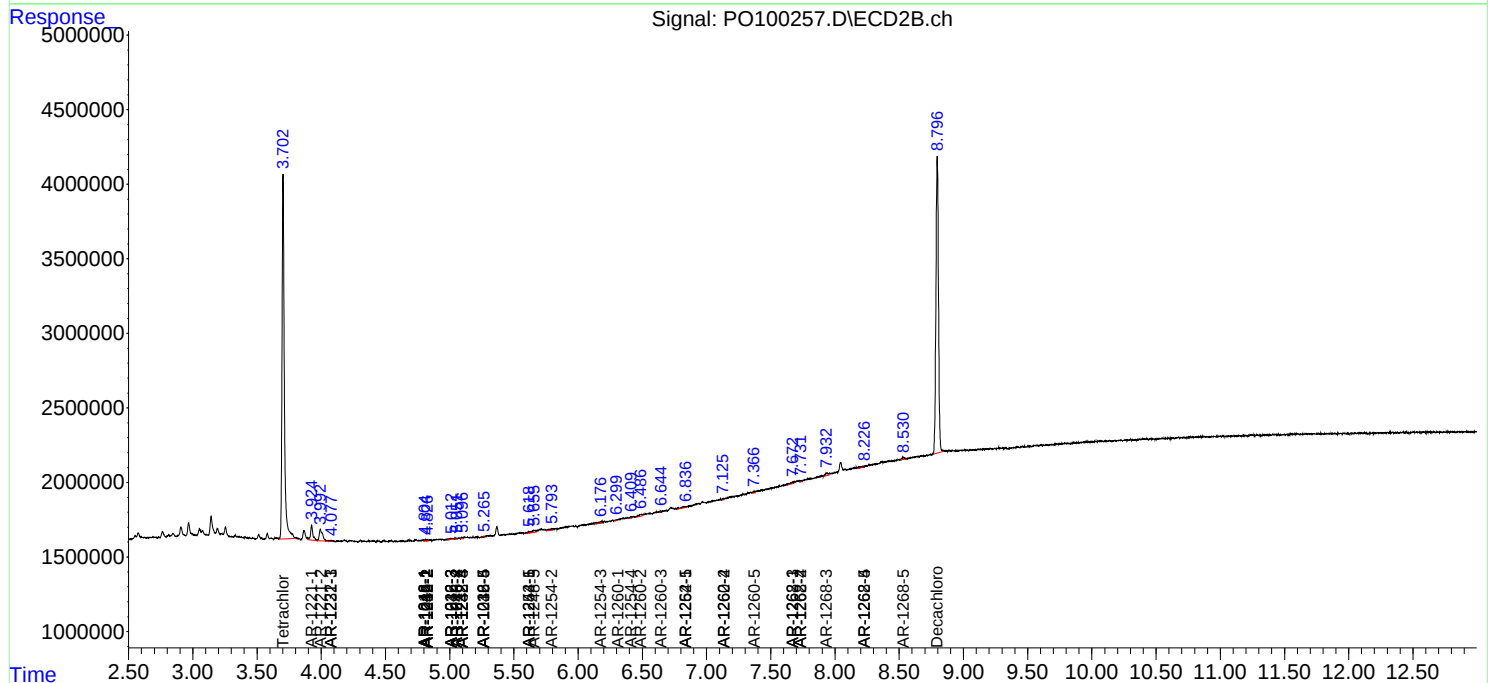
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

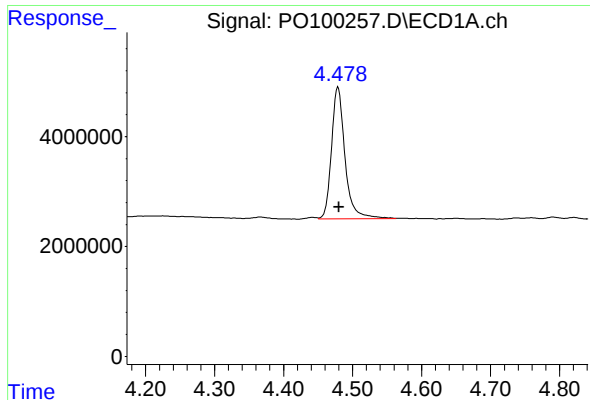
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.897	7.731	79739	56418	0.828	0.370 #
43) L9	AR-1268-3	9.134	7.932	24616	289949	0.273	2.023 #
44) L9	AR-1268-4	9.570	8.227	58090	160806	2.043	3.422 #
45) L9	AR-1268-5	10.011	8.529	33822	202456	0.134	0.508 #

(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

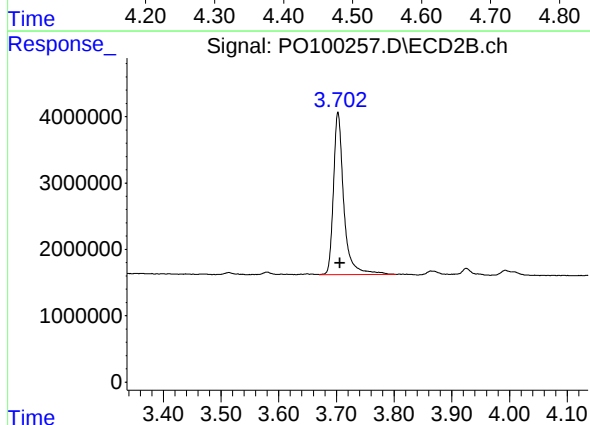




#1 Tetrachloro-m-xylene

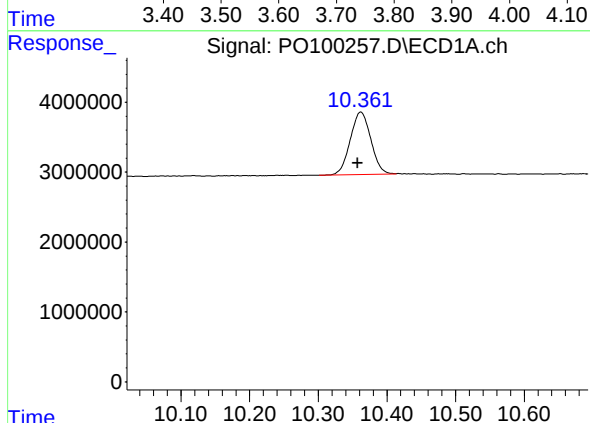
R.T.: 4.479 min
Delta R.T.: -0.001 min
Response: 32724561
Conc: 19.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



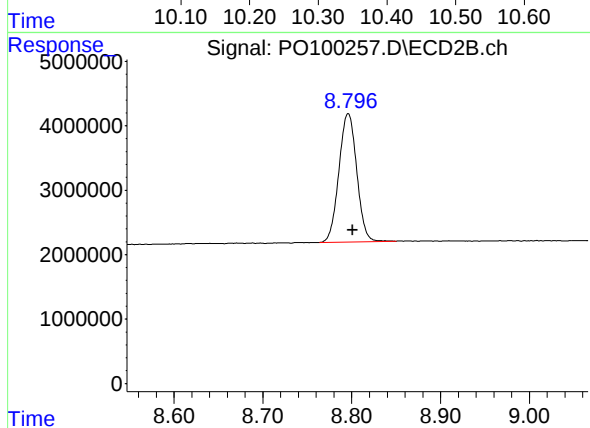
#1 Tetrachloro-m-xylene

R.T.: 3.703 min
Delta R.T.: -0.003 min
Response: 30400440
Conc: 20.27 ng/ml



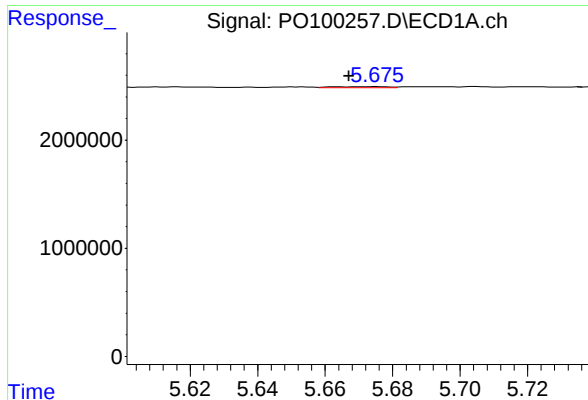
#2 Decachlorobiphenyl

R.T.: 10.362 min
Delta R.T.: 0.005 min
Response: 18635230
Conc: 25.66 ng/ml



#2 Decachlorobiphenyl

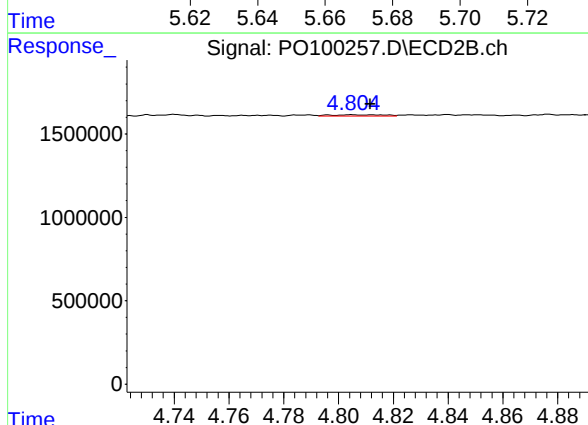
R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 27790216
Conc: 24.83 ng/ml



#3 AR-1016-1

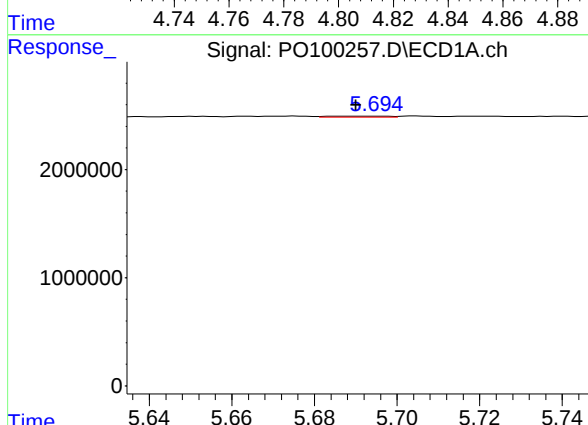
R.T.: 5.676 min
Delta R.T.: 0.009 min
Response: 121165
Conc: 2.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



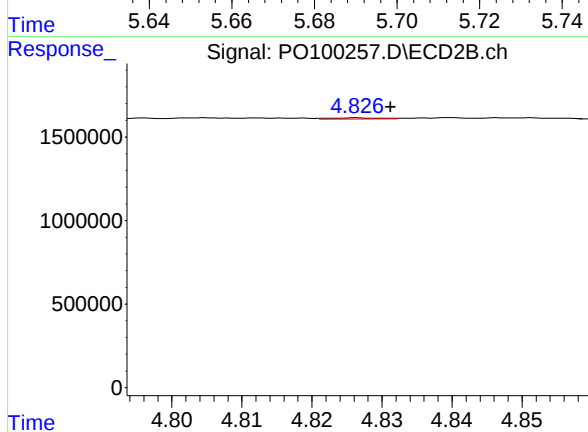
#3 AR-1016-1

R.T.: 4.805 min
Delta R.T.: -0.007 min
Response: 103085
Conc: 3.26 ng/ml



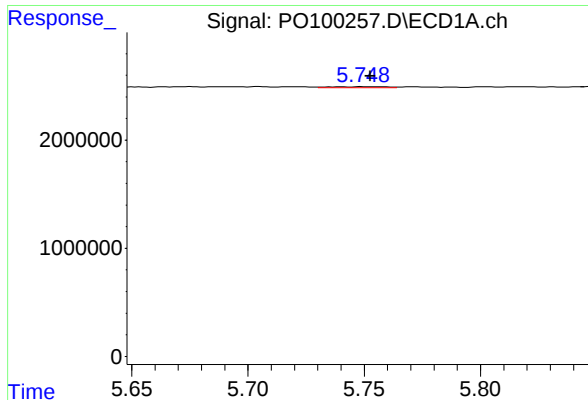
#4 AR-1016-2

R.T.: 5.695 min
Delta R.T.: 0.005 min
Response: 108858
Conc: 1.68 ng/ml



#4 AR-1016-2

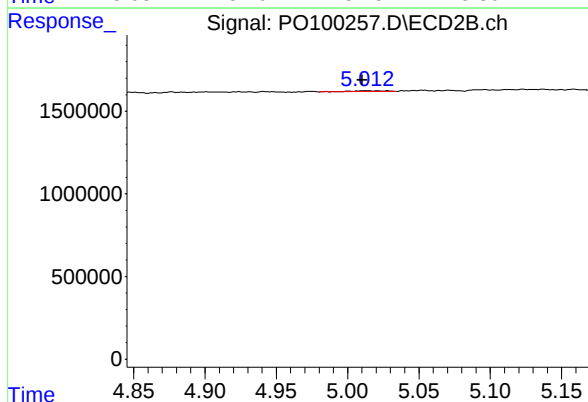
R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 36489
Conc: 0.84 ng/ml



#5 AR-1016-3

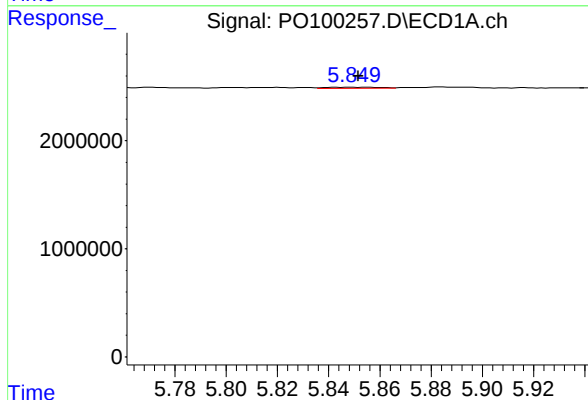
R.T.: 5.750 min
Delta R.T.: -0.003 min
Response: 167528
Conc: 3.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



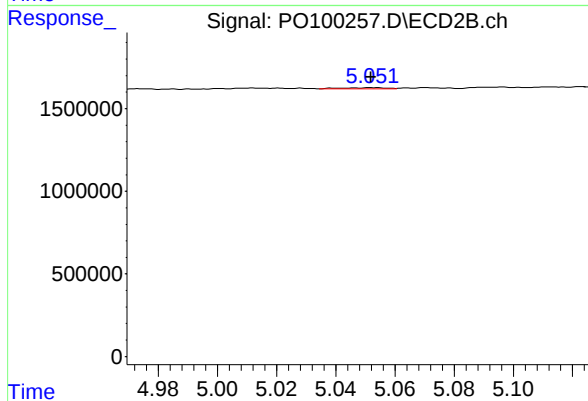
#5 AR-1016-3

R.T.: 5.012 min
Delta R.T.: 0.002 min
Response: 86096
Conc: 3.71 ng/ml



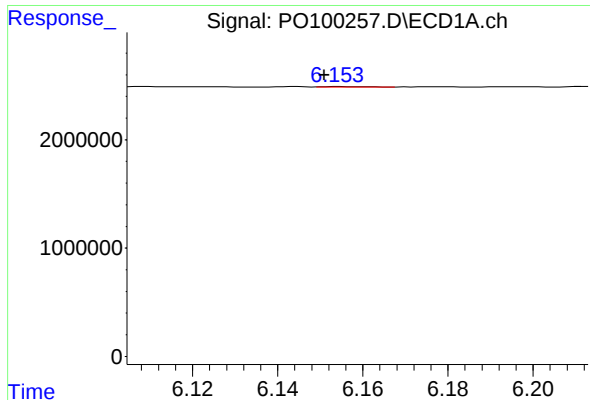
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 147930
Conc: 4.48 ng/ml



#6 AR-1016-4

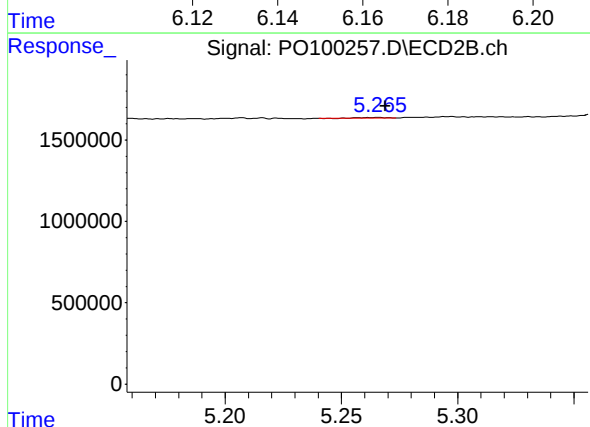
R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 72208
Conc: 3.52 ng/ml



#7 AR-1016-5

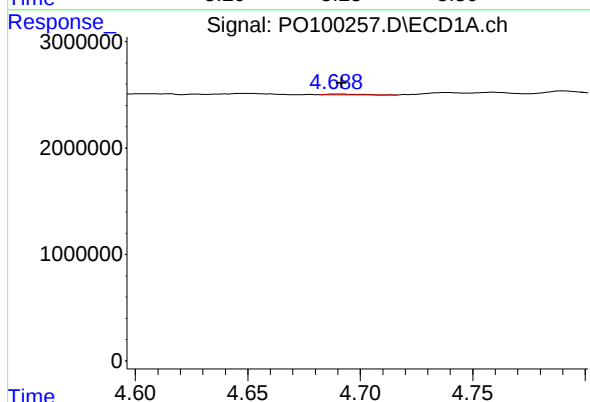
R.T.: 6.154 min
Delta R.T.: 0.003 min
Response: 35805
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



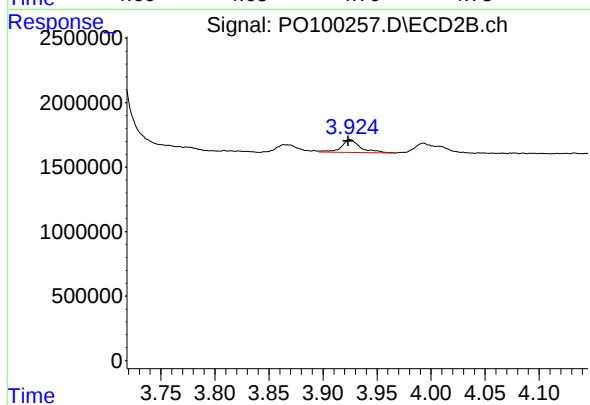
#7 AR-1016-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 28411
Conc: 1.11 ng/ml



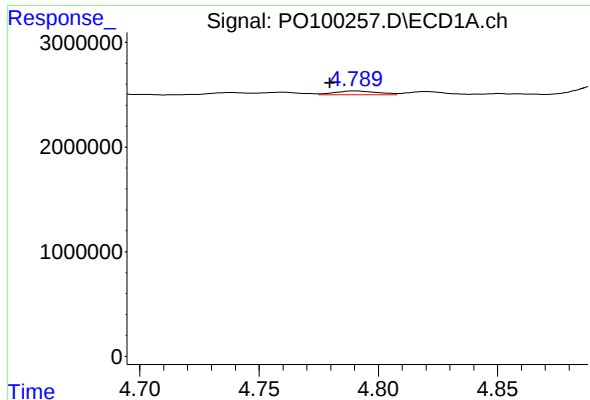
#8 AR-1221-1

R.T.: 4.689 min
Delta R.T.: -0.003 min
Response: 65449
Conc: 3.17 ng/ml



#8 AR-1221-1

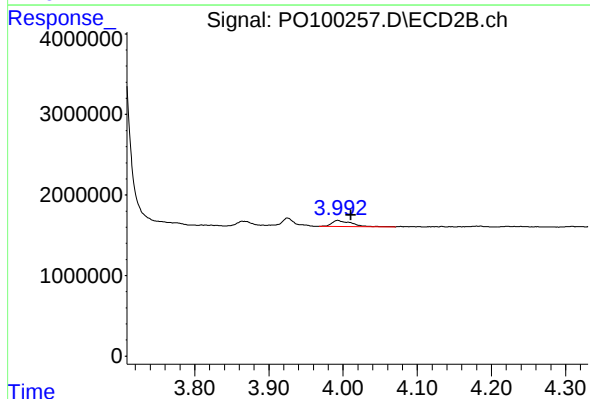
R.T.: 3.925 min
Delta R.T.: 0.002 min
Response: 1249532
Conc: 65.73 ng/ml



#9 AR-1221-2

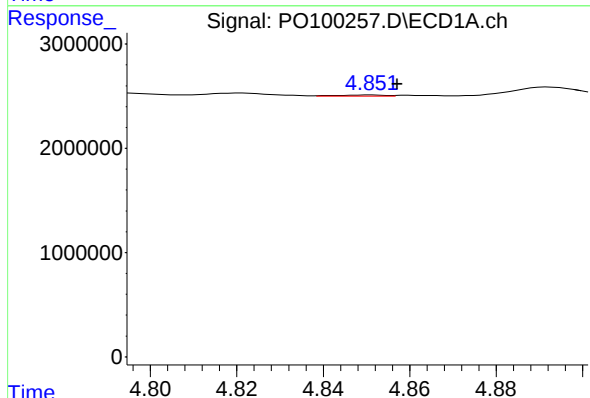
R.T.: 4.790 min
Delta R.T.: 0.011 min
Response: 473969
Conc: 31.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



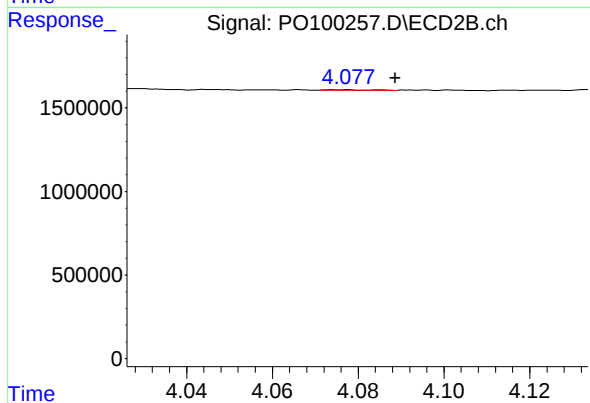
#9 AR-1221-2

R.T.: 3.993 min
Delta R.T.: -0.018 min
Response: 1370018
Conc: 105.13 ng/ml



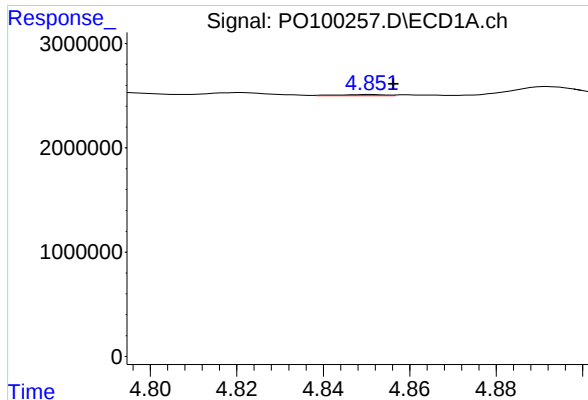
#10 AR-1221-3

R.T.: 4.851 min
Delta R.T.: -0.006 min
Response: 94579
Conc: 2.11 ng/ml



#10 AR-1221-3

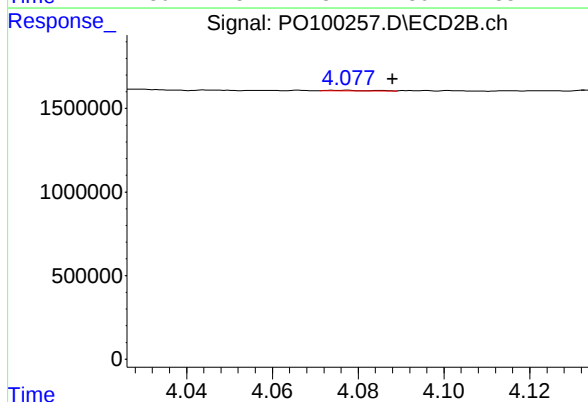
R.T.: 4.077 min
Delta R.T.: -0.012 min
Response: 28270
Conc: 0.79 ng/ml



#11 AR-1232-1

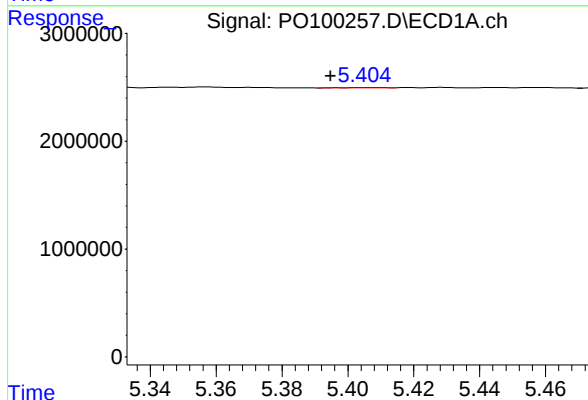
R.T.: 4.851 min
Delta R.T.: -0.005 min
Response: 94579
Conc: 2.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



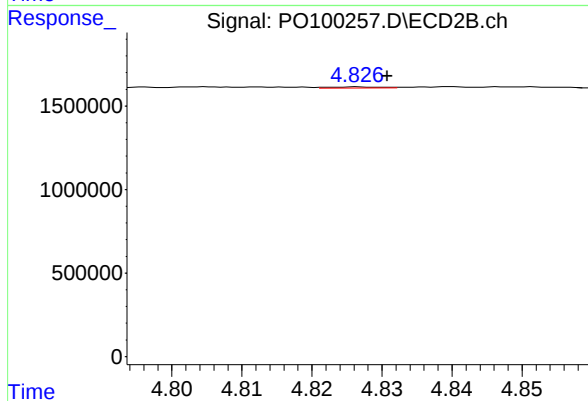
#11 AR-1232-1

R.T.: 4.077 min
Delta R.T.: -0.011 min
Response: 28270
Conc: 0.96 ng/ml



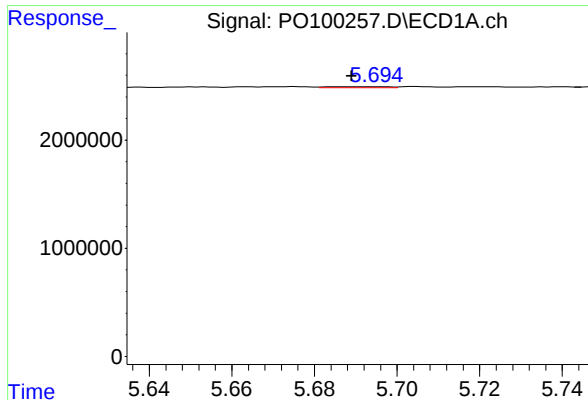
#12 AR-1232-2

R.T.: 5.404 min
Delta R.T.: 0.010 min
Response: 42810
Conc: 2.46 ng/ml



#12 AR-1232-2

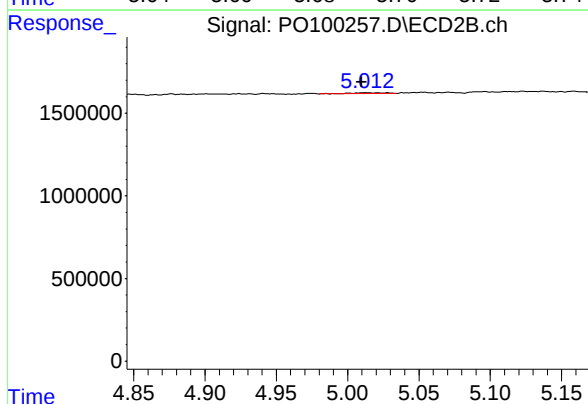
R.T.: 4.826 min
Delta R.T.: -0.004 min
Response: 36489
Conc: 1.84 ng/ml



#13 AR-1232-3

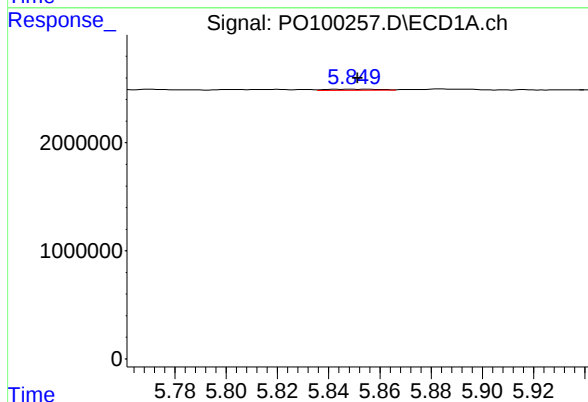
R.T.: 5.695 min
Delta R.T.: 0.006 min
Response: 108858
Conc: 3.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



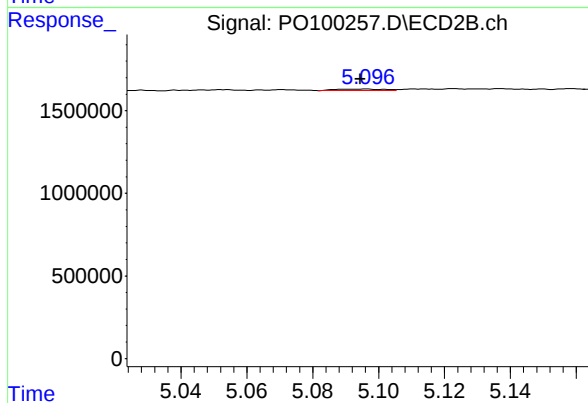
#13 AR-1232-3

R.T.: 5.012 min
Delta R.T.: 0.003 min
Response: 86096
Conc: 8.31 ng/ml



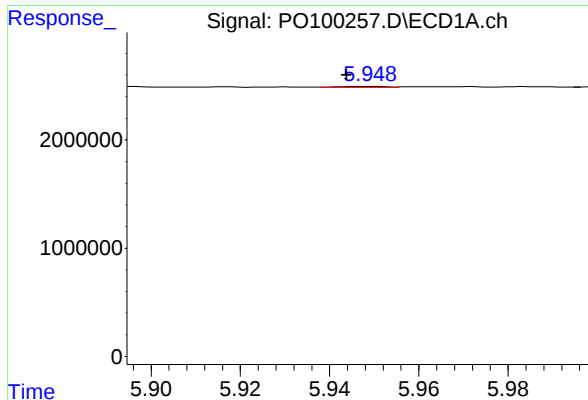
#14 AR-1232-4

R.T.: 5.849 min
Delta R.T.: -0.002 min
Response: 147930
Conc: 10.65 ng/ml



#14 AR-1232-4

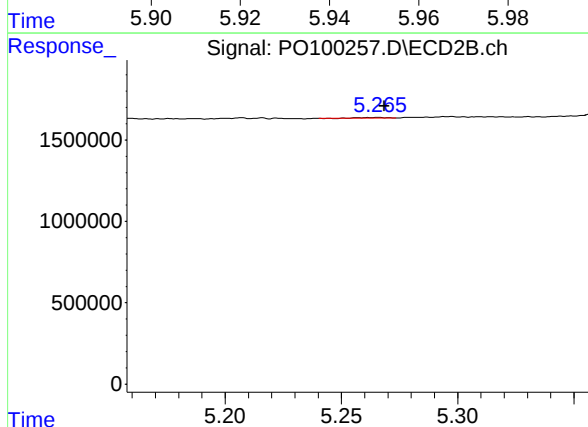
R.T.: 5.096 min
Delta R.T.: 0.002 min
Response: 89542
Conc: 9.01 ng/ml



#15 AR-1232-5

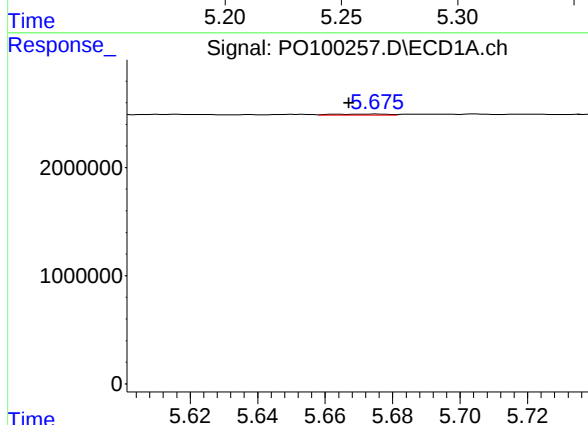
R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 62851
Conc: 5.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



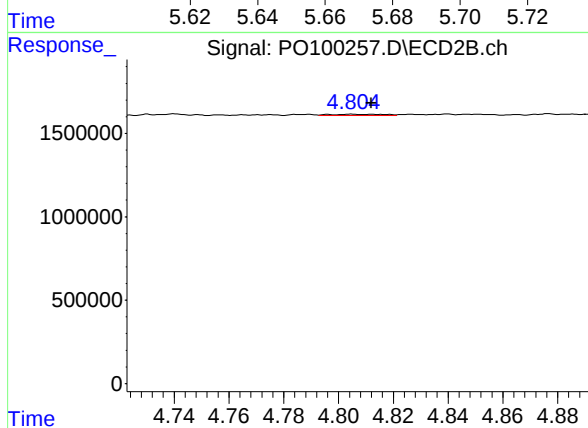
#15 AR-1232-5

R.T.: 5.266 min
Delta R.T.: -0.002 min
Response: 28411
Conc: 2.63 ng/ml



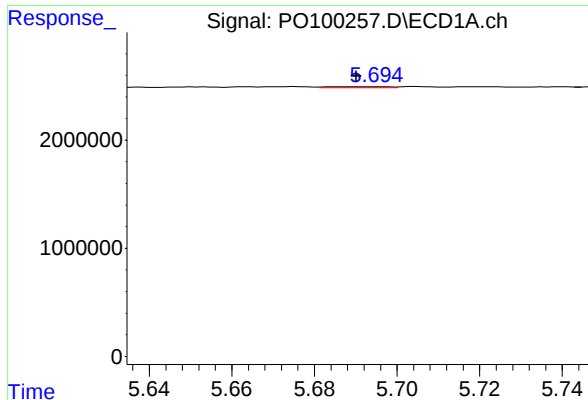
#16 AR-1242-1

R.T.: 5.676 min
Delta R.T.: 0.009 min
Response: 121165
Conc: 3.50 ng/ml



#16 AR-1242-1

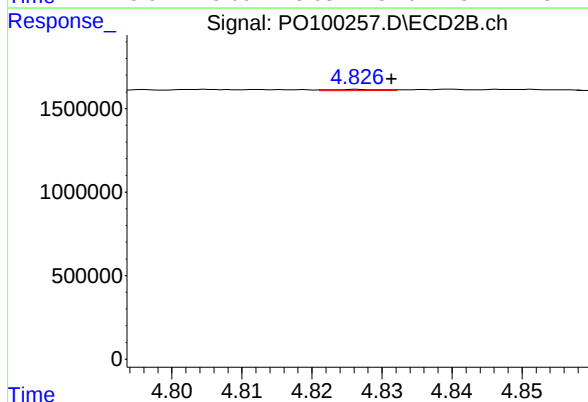
R.T.: 4.805 min
Delta R.T.: -0.007 min
Response: 103085
Conc: 3.92 ng/ml



#17 AR-1242-2

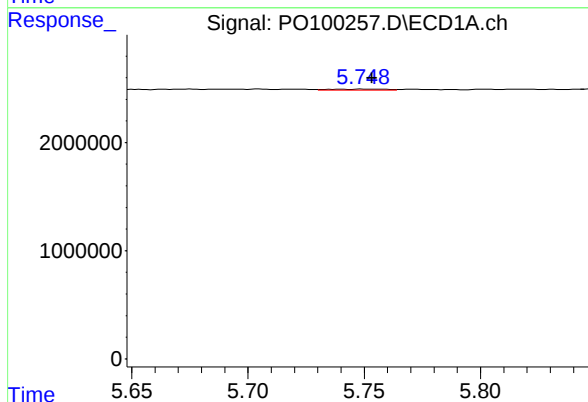
R.T.: 5.695 min
Delta R.T.: 0.005 min
Response: 108858
Conc: 2.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



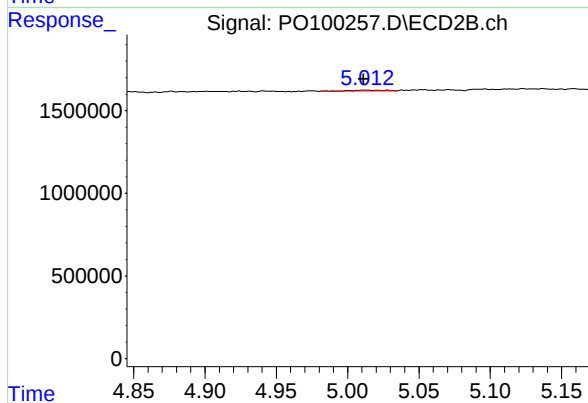
#17 AR-1242-2

R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 36489
Conc: 1.04 ng/ml



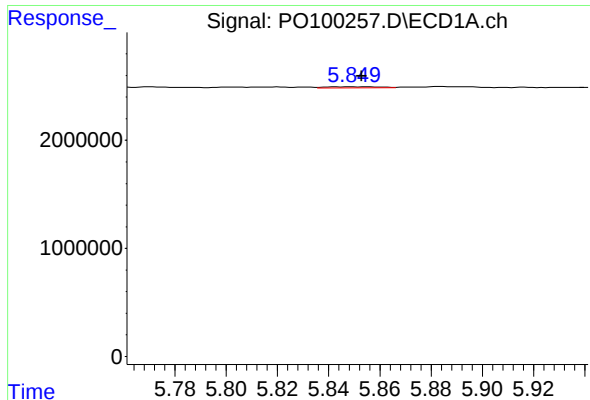
#18 AR-1242-3

R.T.: 5.750 min
Delta R.T.: -0.004 min
Response: 167528
Conc: 4.81 ng/ml



#18 AR-1242-3

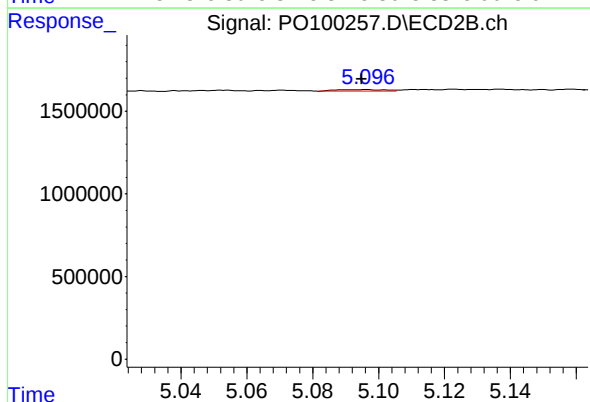
R.T.: 5.012 min
Delta R.T.: 0.001 min
Response: 86096
Conc: 4.50 ng/ml



#19 AR-1242-4

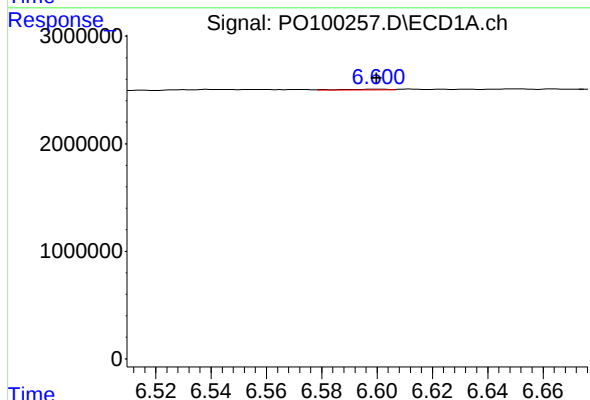
R.T.: 5.849 min
Delta R.T.: -0.004 min
Response: 147930
Conc: 5.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



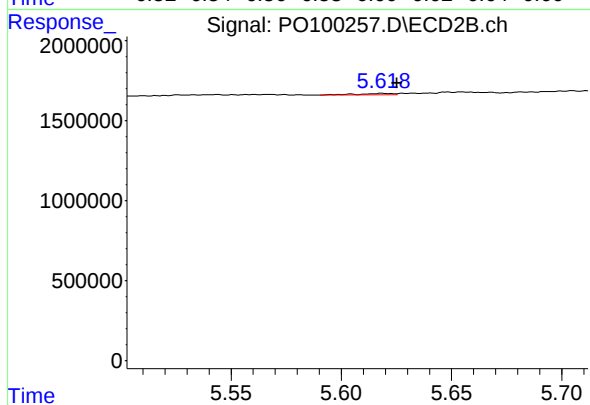
#19 AR-1242-4

R.T.: 5.096 min
Delta R.T.: 0.001 min
Response: 89542
Conc: 4.45 ng/ml



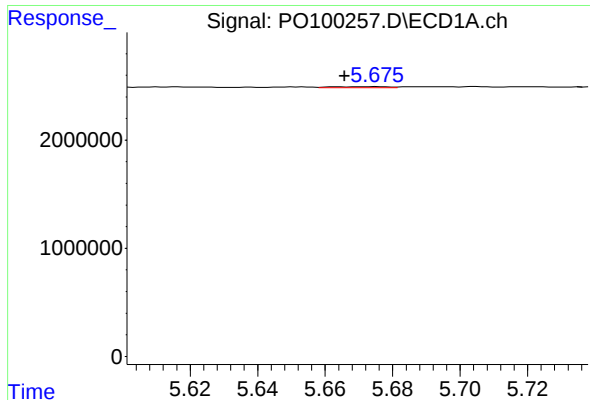
#20 AR-1242-5

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 80449
Conc: 3.60 ng/ml



#20 AR-1242-5

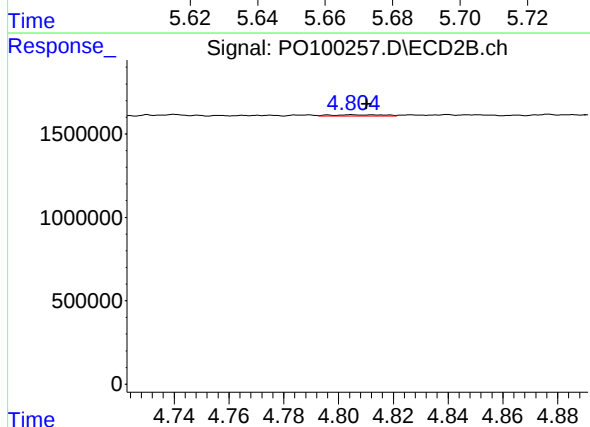
R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 97876
Conc: 4.19 ng/ml



#21 AR-1248-1

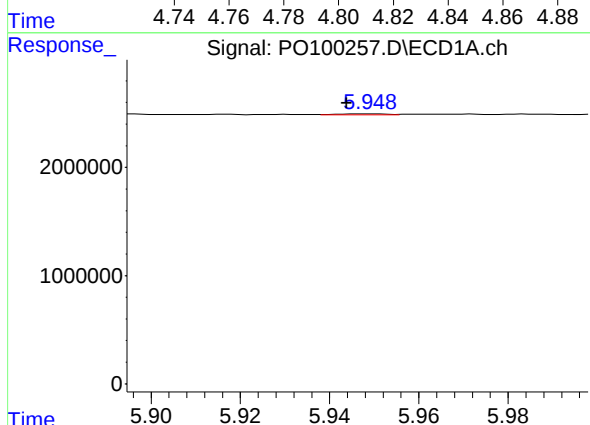
R.T.: 5.676 min
Delta R.T.: 0.010 min
Response: 121165
Conc: 4.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



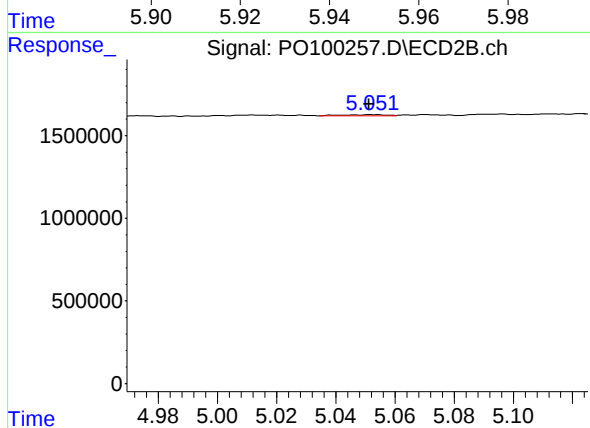
#21 AR-1248-1

R.T.: 4.805 min
Delta R.T.: -0.006 min
Response: 103085
Conc: 5.16 ng/ml



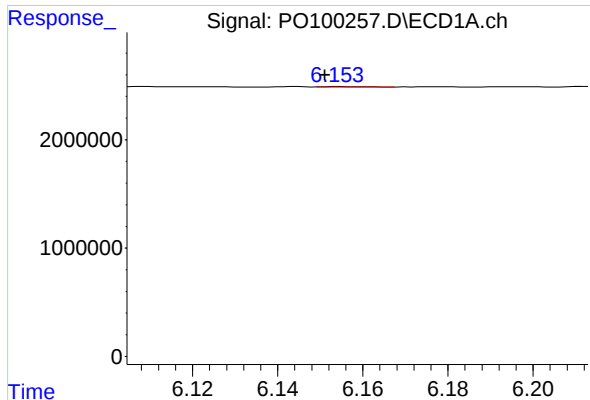
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 62851
Conc: 1.54 ng/ml



#22 AR-1248-2

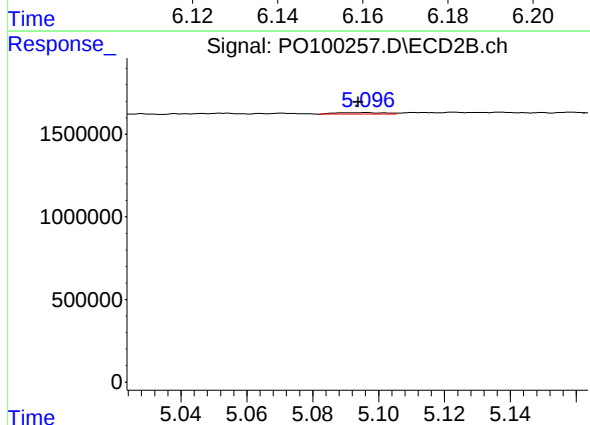
R.T.: 5.053 min
Delta R.T.: 0.002 min
Response: 72208
Conc: 2.58 ng/ml



#23 AR-1248-3

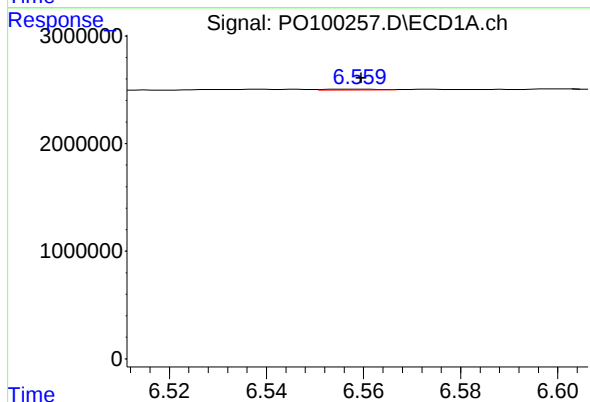
R.T.: 6.154 min
Delta R.T.: 0.003 min
Response: 35805
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



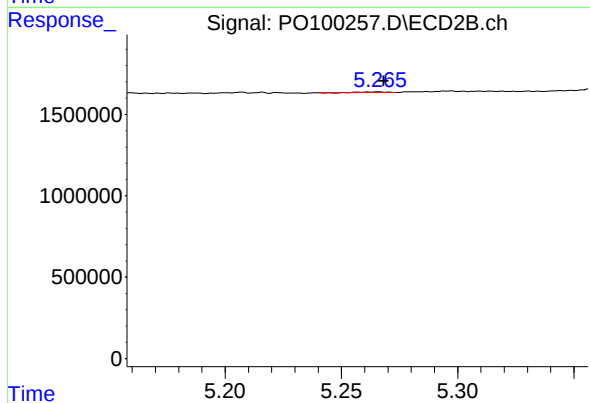
#23 AR-1248-3

R.T.: 5.096 min
Delta R.T.: 0.002 min
Response: 89542
Conc: 3.10 ng/ml



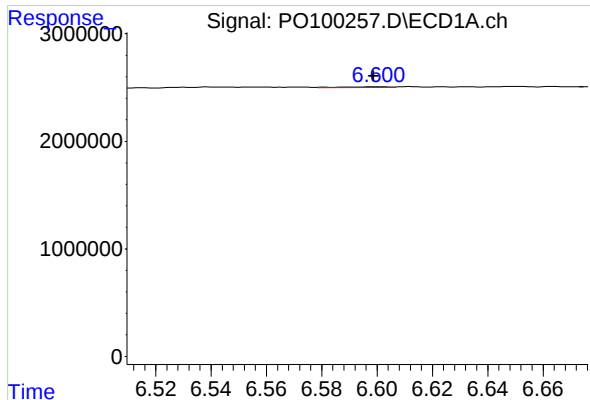
#24 AR-1248-4

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 61117
Conc: 1.62 ng/ml



#24 AR-1248-4

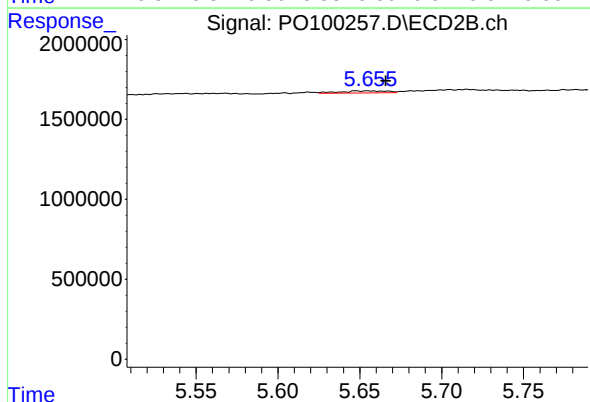
R.T.: 5.266 min
Delta R.T.: -0.002 min
Response: 28411
Conc: 0.87 ng/ml



#25 AR-1248-5

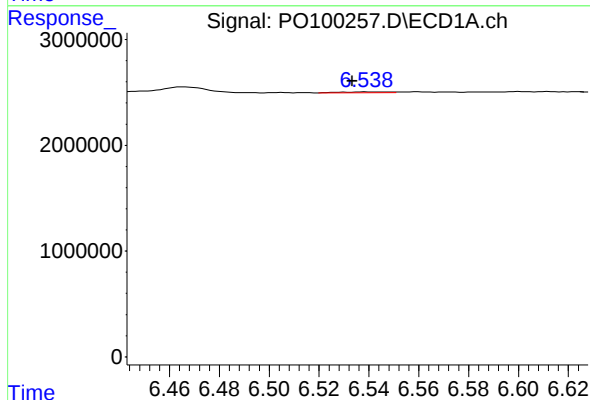
R.T.: 6.600 min
Delta R.T.: 0.002 min
Response: 80449
Conc: 2.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



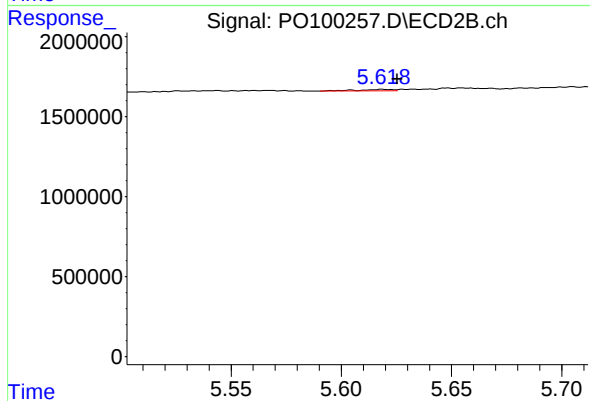
#25 AR-1248-5

R.T.: 5.655 min
Delta R.T.: -0.011 min
Response: 273059
Conc: 9.14 ng/ml



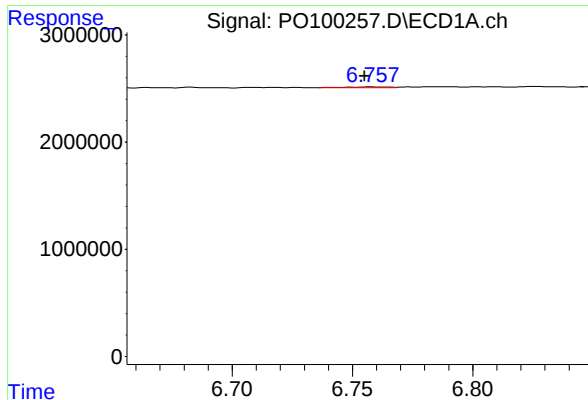
#26 AR-1254-1

R.T.: 6.539 min
Delta R.T.: 0.005 min
Response: 114461
Conc: 2.38 ng/ml



#26 AR-1254-1

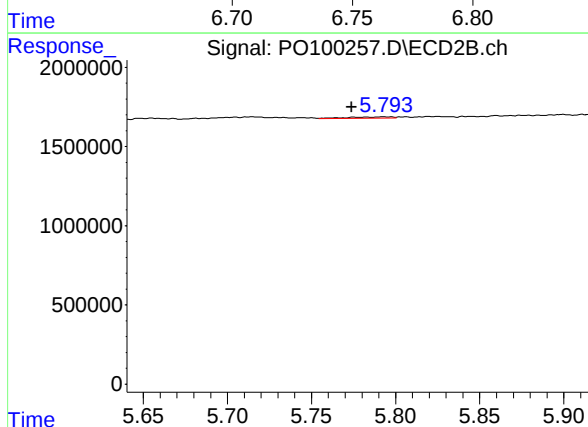
R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 97876
Conc: 1.89 ng/ml



#27 AR-1254-2

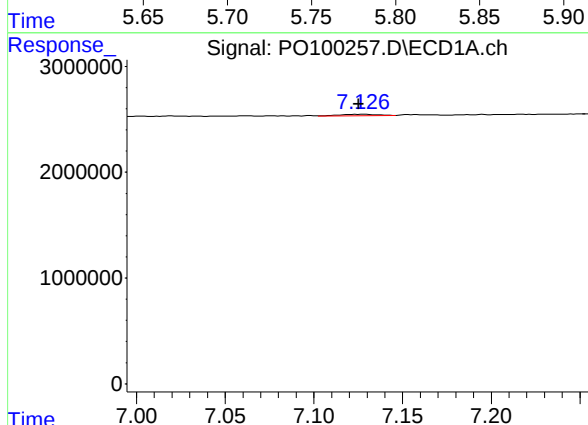
R.T.: 6.758 min
Delta R.T.: 0.003 min
Response: 81335
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



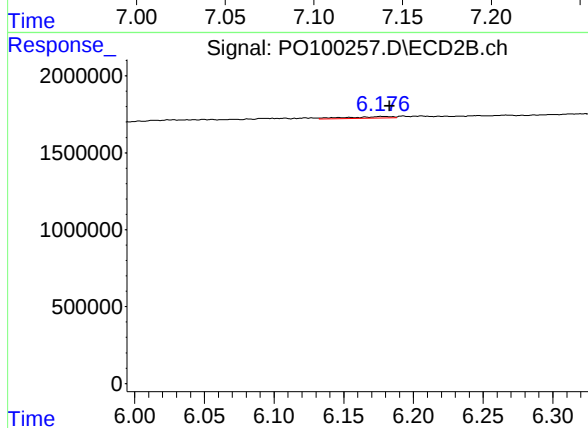
#27 AR-1254-2

R.T.: 5.793 min
Delta R.T.: 0.019 min
Response: 163775
Conc: 3.52 ng/ml



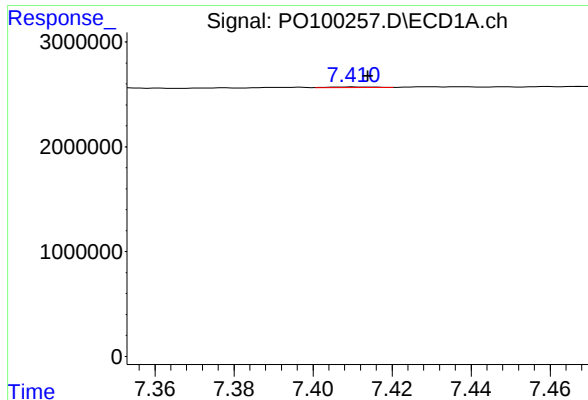
#28 AR-1254-3

R.T.: 7.128 min
Delta R.T.: 0.002 min
Response: 201387
Conc: 3.16 ng/ml



#28 AR-1254-3

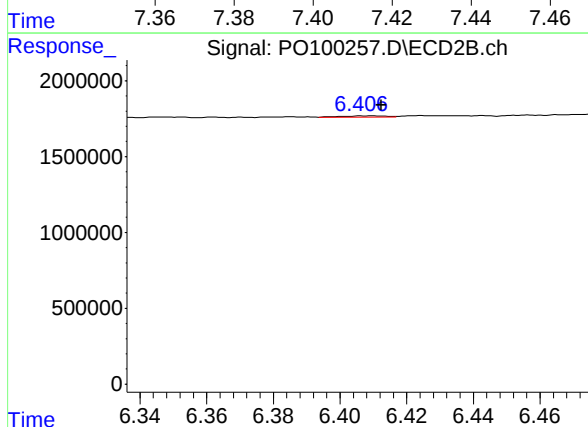
R.T.: 6.177 min
Delta R.T.: -0.006 min
Response: 210048
Conc: 2.69 ng/ml



#29 AR-1254-4

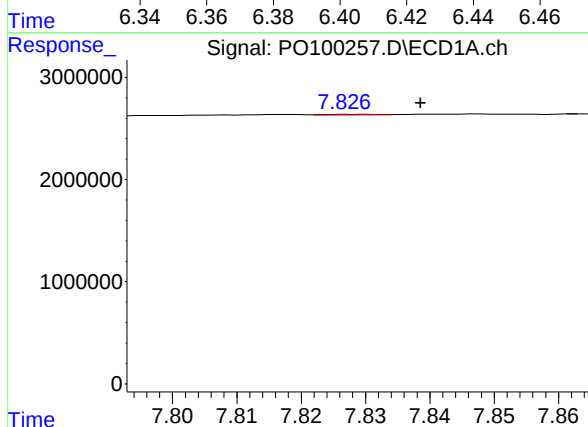
R.T.: 7.410 min
Delta R.T.: -0.004 min
Response: 53834
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



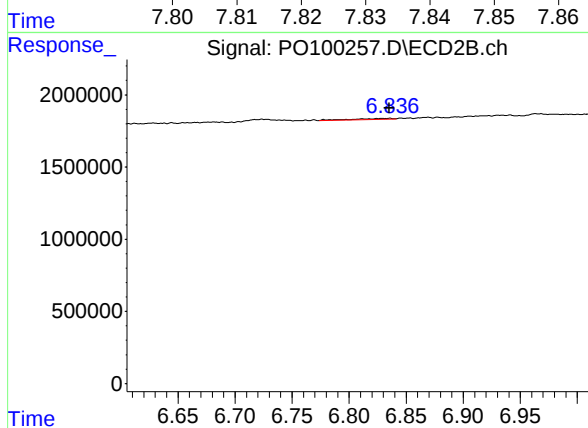
#29 AR-1254-4

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 76840
Conc: 1.80 ng/ml



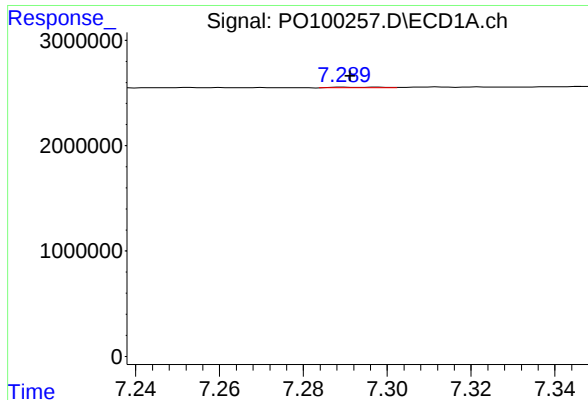
#30 AR-1254-5

R.T.: 7.831 min
Delta R.T.: -0.008 min
Response: 44895
Conc: 1.05 ng/ml



#30 AR-1254-5

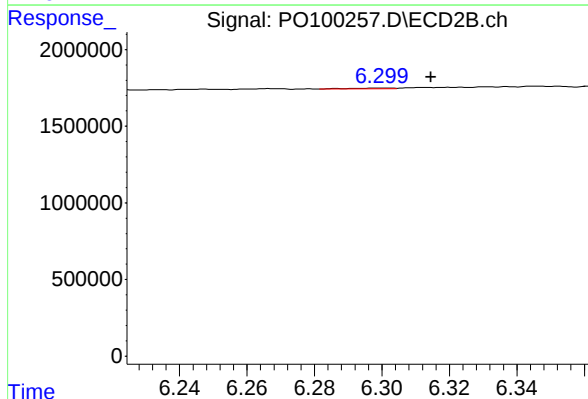
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 153052
Conc: 2.12 ng/ml



#31 AR-1260-1

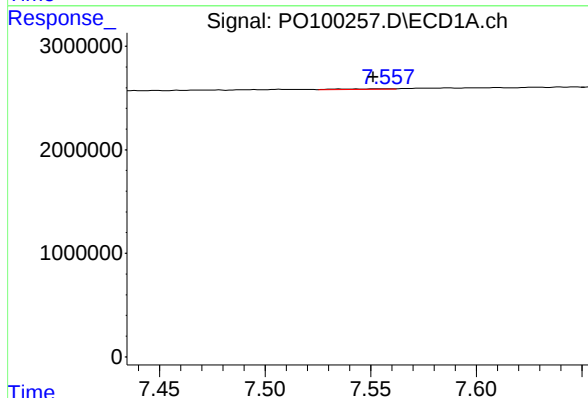
R.T.: 7.290 min
Delta R.T.: -0.001 min
Response: 42874
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



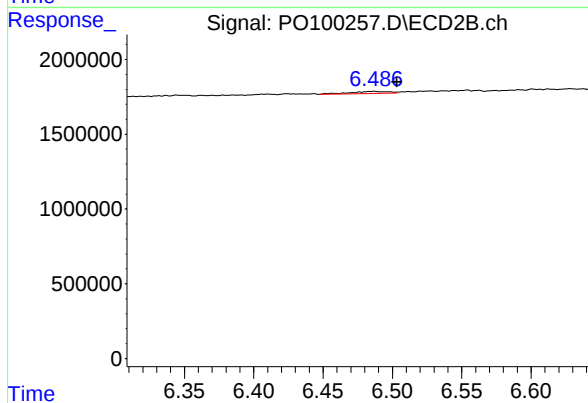
#31 AR-1260-1

R.T.: 6.300 min
Delta R.T.: -0.014 min
Response: 41283
Conc: 0.71 ng/ml



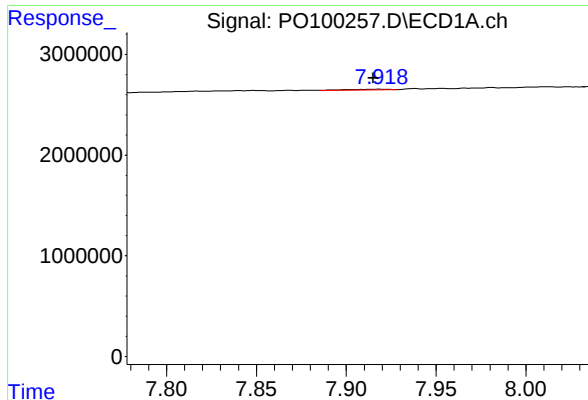
#32 AR-1260-2

R.T.: 7.558 min
Delta R.T.: 0.007 min
Response: 82369
Conc: 1.56 ng/ml



#32 AR-1260-2

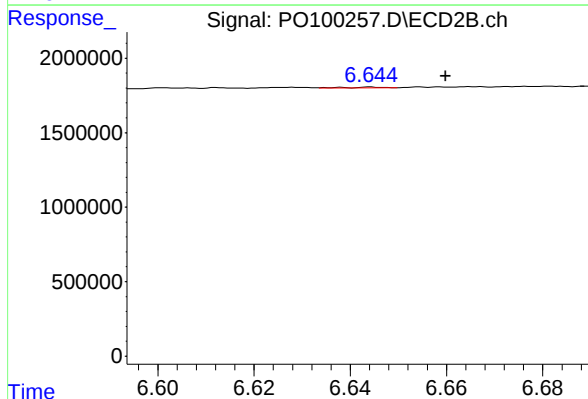
R.T.: 6.487 min
Delta R.T.: -0.016 min
Response: 261232
Conc: 3.93 ng/ml



#33 AR-1260-3

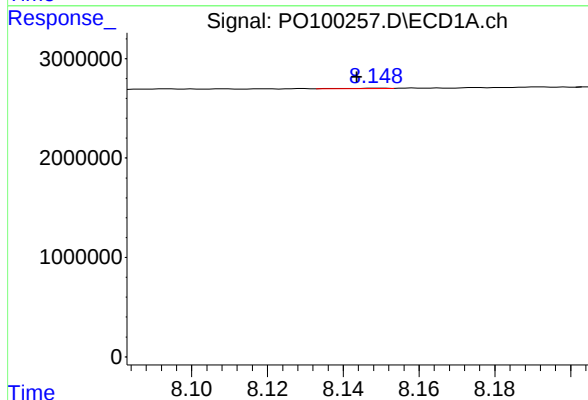
R.T.: 7.919 min
Delta R.T.: 0.004 min
Response: 102844
Conc: 2.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



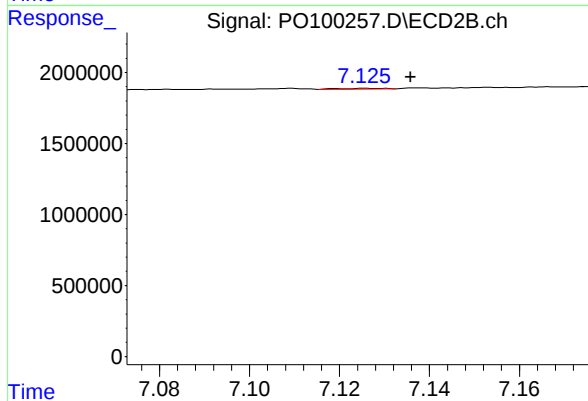
#33 AR-1260-3

R.T.: 6.645 min
Delta R.T.: -0.015 min
Response: 26910
Conc: 0.42 ng/ml



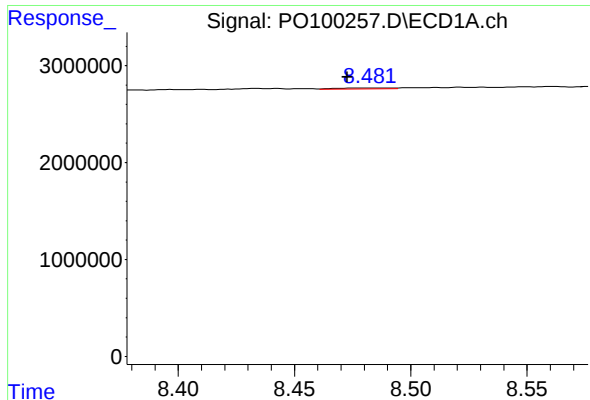
#34 AR-1260-4

R.T.: 8.149 min
Delta R.T.: 0.005 min
Response: 40026
Conc: 0.97 ng/ml



#34 AR-1260-4

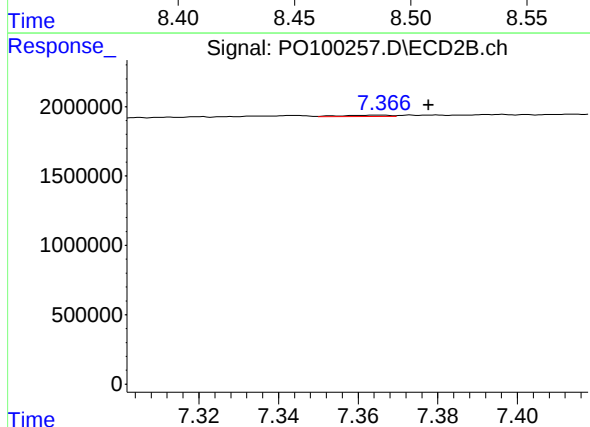
R.T.: 7.126 min
Delta R.T.: -0.010 min
Response: 37846
Conc: 0.75 ng/ml



#35 AR-1260-5

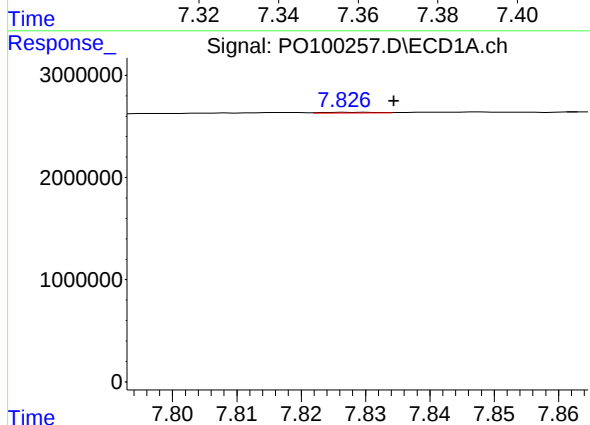
R.T.: 8.482 min
Delta R.T.: 0.010 min
Response: 184076
Conc: 2.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



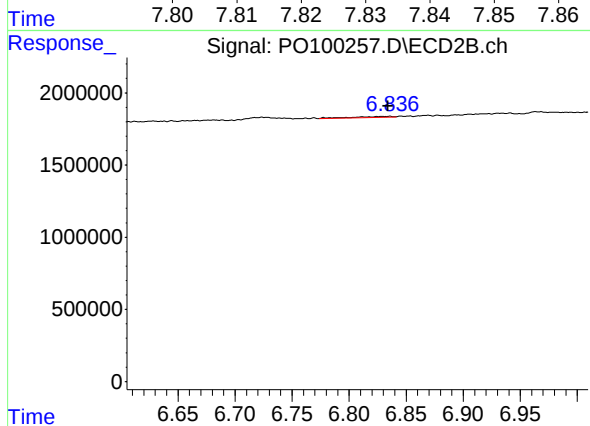
#35 AR-1260-5

R.T.: 7.365 min
Delta R.T.: -0.013 min
Response: 82157
Conc: 0.73 ng/ml



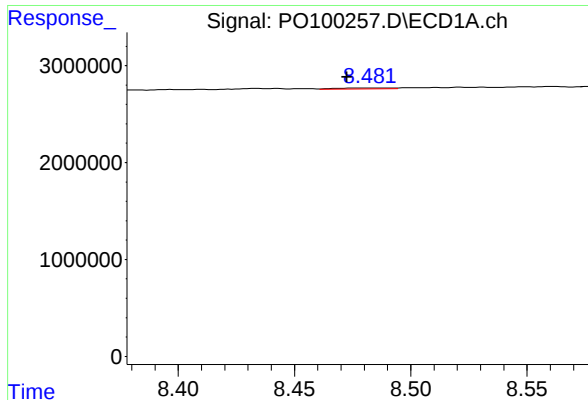
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: -0.004 min
Response: 44895
Conc: 1.24 ng/ml



#36 AR-1262-1

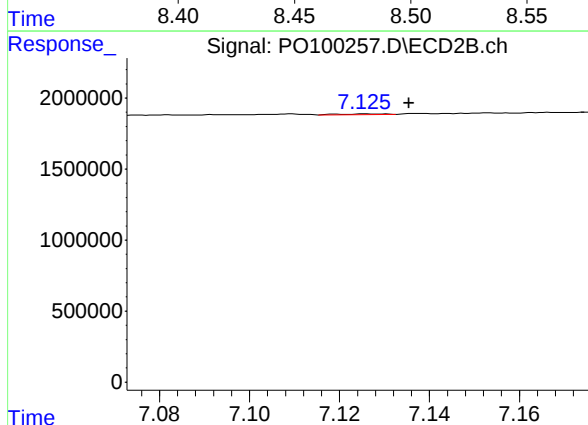
R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 153052
Conc: 4.00 ng/ml



#37 AR-1262-2

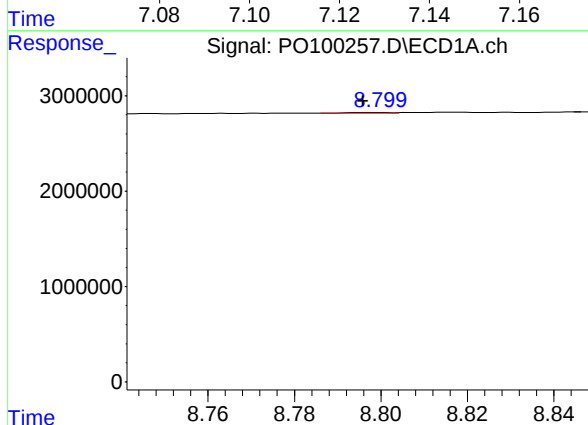
R.T.: 8.482 min
Delta R.T.: 0.010 min
Response: 184076
Conc: 2.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



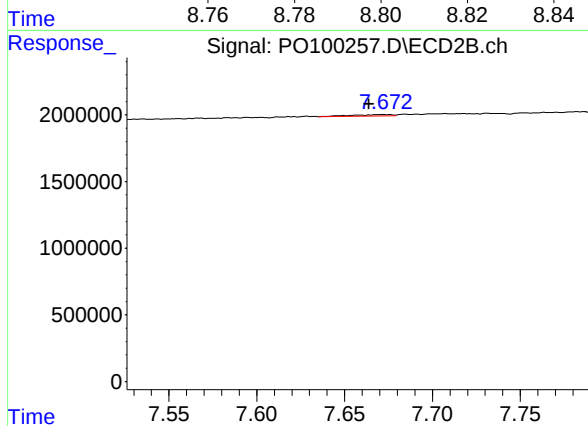
#37 AR-1262-2

R.T.: 7.126 min
Delta R.T.: -0.010 min
Response: 37846
Conc: 0.50 ng/ml



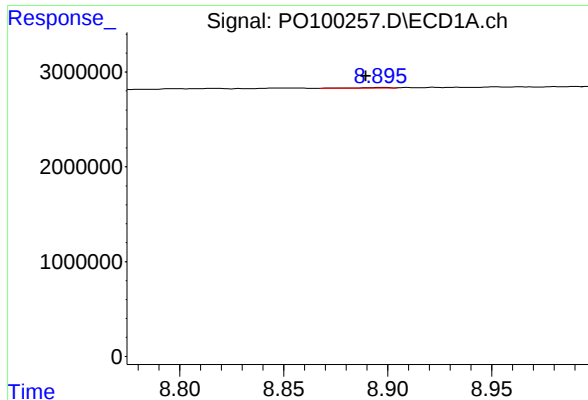
#38 AR-1262-3

R.T.: 8.799 min
Delta R.T.: 0.003 min
Response: 47415
Conc: 0.79 ng/ml



#38 AR-1262-3

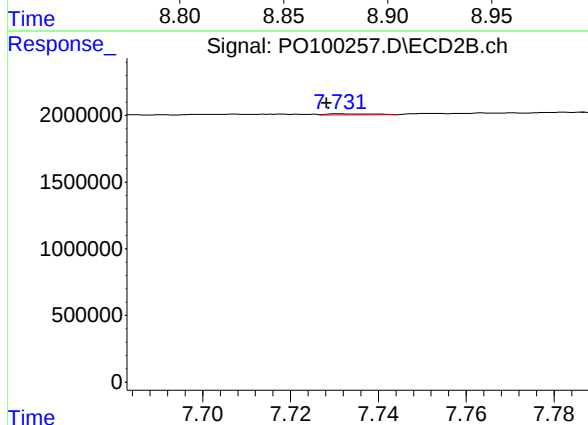
R.T.: 7.672 min
Delta R.T.: 0.008 min
Response: 167269
Conc: 2.87 ng/ml



#39 AR-1262-4

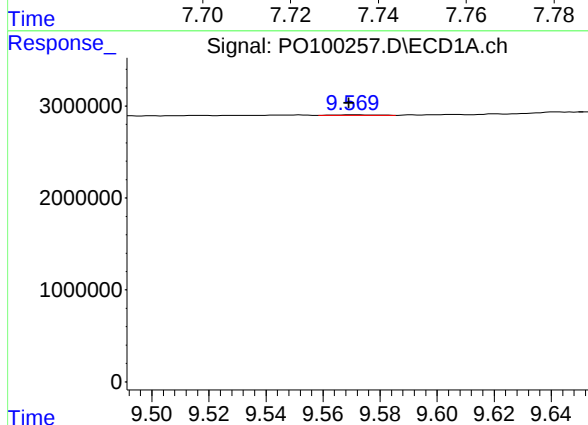
R.T.: 8.897 min
Delta R.T.: 0.007 min
Response: 79739
Conc: 1.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



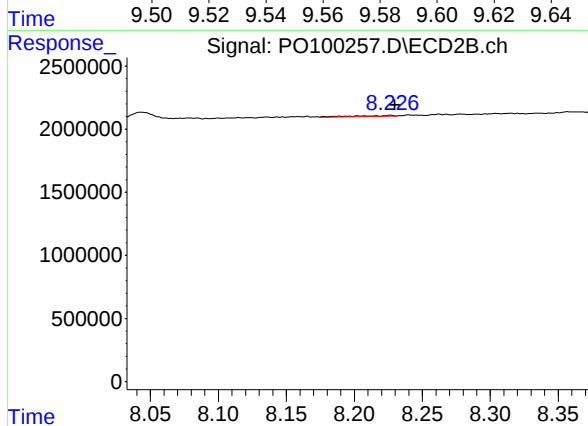
#39 AR-1262-4

R.T.: 7.731 min
Delta R.T.: 0.003 min
Response: 56418
Conc: 0.55 ng/ml



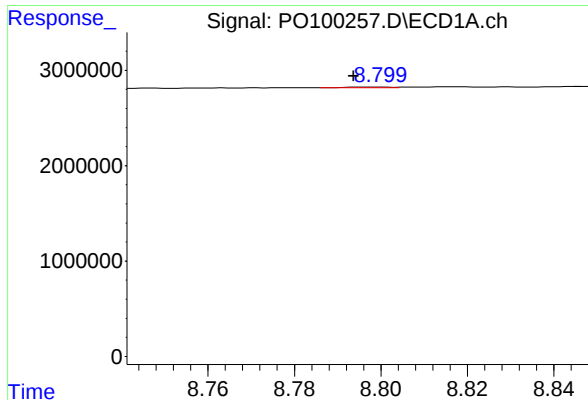
#40 AR-1262-5

R.T.: 9.570 min
Delta R.T.: 0.001 min
Response: 58090
Conc: 2.23 ng/ml



#40 AR-1262-5

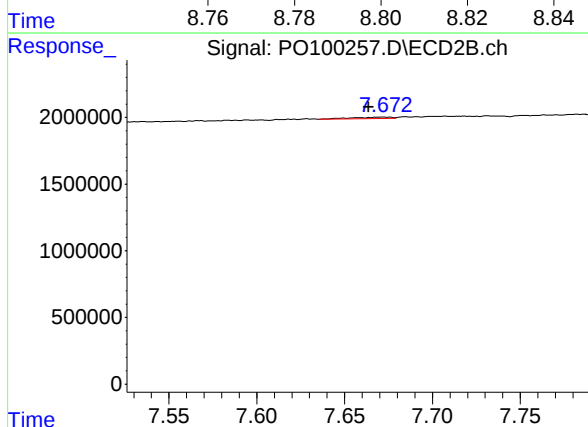
R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 160806
Conc: 3.69 ng/ml



#41 AR-1268-1

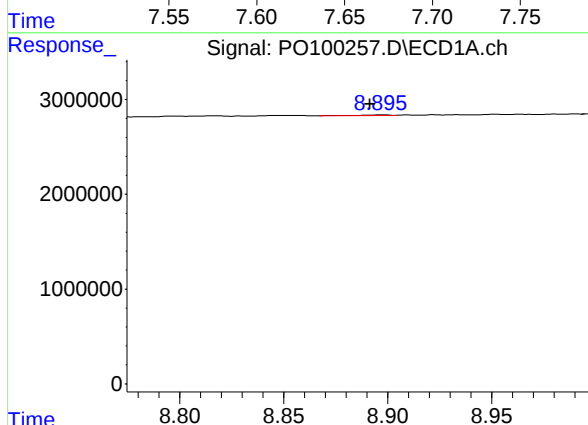
R.T.: 8.799 min
Delta R.T.: 0.006 min
Response: 47415
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



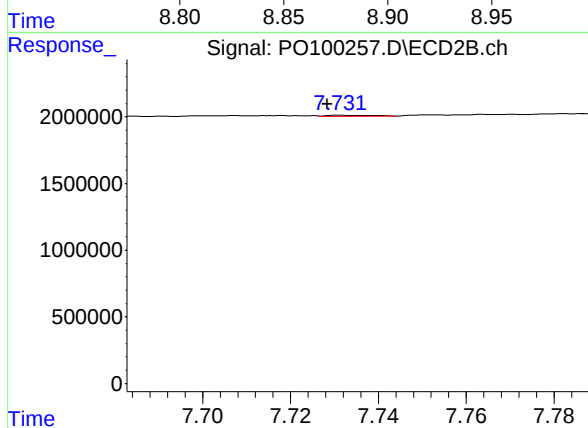
#41 AR-1268-1

R.T.: 7.672 min
Delta R.T.: 0.008 min
Response: 167269
Conc: 1.01 ng/ml



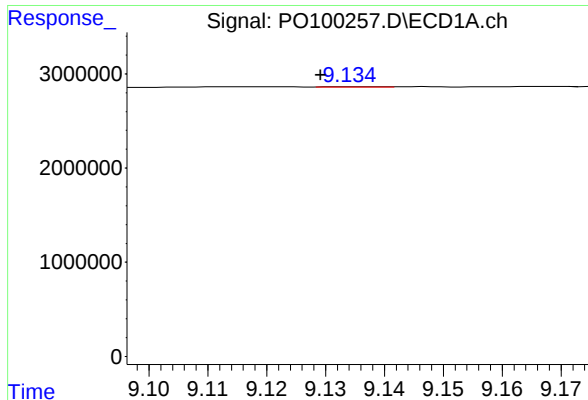
#42 AR-1268-2

R.T.: 8.897 min
Delta R.T.: 0.005 min
Response: 79739
Conc: 0.83 ng/ml



#42 AR-1268-2

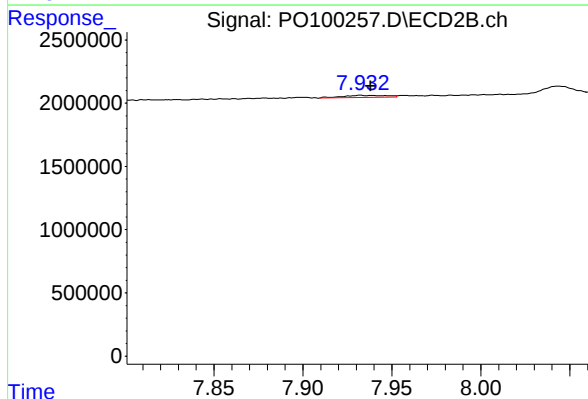
R.T.: 7.731 min
Delta R.T.: 0.003 min
Response: 56418
Conc: 0.37 ng/ml



#43 AR-1268-3

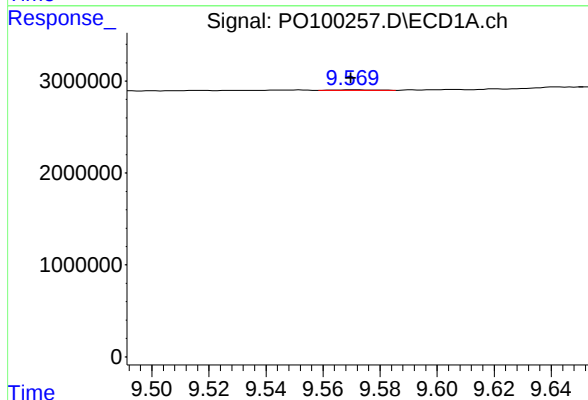
R.T.: 9.134 min
Delta R.T.: 0.005 min
Response: 24616
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



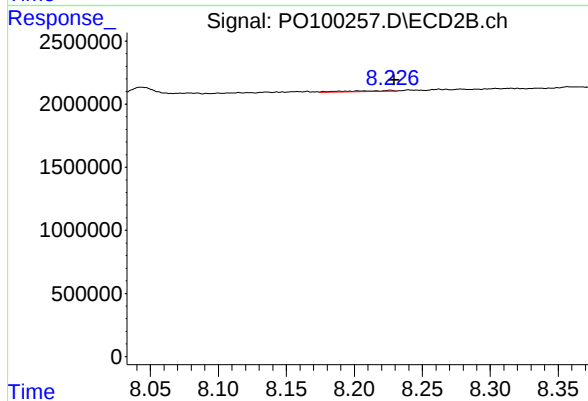
#43 AR-1268-3

R.T.: 7.932 min
Delta R.T.: -0.006 min
Response: 289949
Conc: 2.02 ng/ml



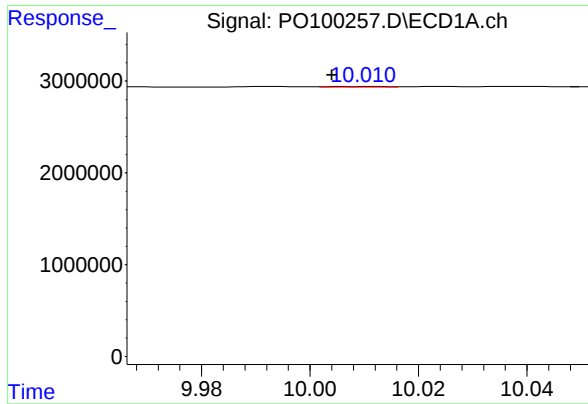
#44 AR-1268-4

R.T.: 9.570 min
Delta R.T.: 0.000 min
Response: 58090
Conc: 2.04 ng/ml



#44 AR-1268-4

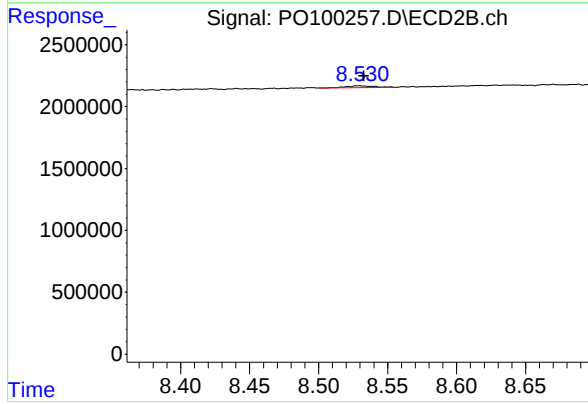
R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 160806
Conc: 3.42 ng/ml



#45 AR-1268-5

R.T.: 10.011 min
Delta R.T.: 0.006 min
Response: 33822
Conc: 0.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.529 min
Delta R.T.: -0.004 min
Response: 202456
Conc: 0.51 ng/ml