

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110223\
 Data File : P0099285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 11:36
 Operator : YP/AJ
 Sample : 05107-20
 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: Nov 02 23:15:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.466	3.640	24680855	3555346	12.491	4.940 #
2) SA Decachlor...	10.259	8.615	7626231	3323750	6.732	6.195
Target Compounds						
3) L1 AR-1016-1	5.657	4.734	701499	1129113	12.739	50.420 #
4) L1 AR-1016-2	5.683	4.734	1095027	1129113	13.243	36.124 #
5) L1 AR-1016-3	5.720	4.910	3308058	1483476	64.269	87.610 #
6) L1 AR-1016-4	5.829	4.939	2162818	1239288	53.214	85.718 #
7) L1 AR-1016-5	6.142	5.148	1763234	-256984	41.543	N.D. #
8) L2 AR-1221-1	4.679	3.846	13612989	2184716	548.286	235.171 #
9) L2 AR-1221-2	4.754	3.928	10027721	8133409	542.060	1254.435 #
10) L2 AR-1221-3	4.832	4.000	1196060	1543586	22.077	76.313 #
11) L3 AR-1232-1	4.832	4.000	1196060	1543586	26.145	90.049 #
12) L3 AR-1232-2	5.380	4.734	2149154	1129113	91.010	73.702
13) L3 AR-1232-3	5.683	4.910	1095027	1483476	27.728	185.400 #
14) L3 AR-1232-4	5.829	4.990	2162818	1439041	113.362	187.040 #
15) L3 AR-1232-5	5.989f	5.148	9130647	-256984	548.118	N.D. #
16) L4 AR-1242-1	5.657	4.691	701499	233866	16.204	13.311
17) L4 AR-1242-2	5.683	4.734	1095027	1129113	17.097	46.593 #
18) L4 AR-1242-3	5.720	4.910	3308058	1483476	82.237	115.710 #
19) L4 AR-1242-4	5.829	4.990	2162818	1439041	69.115	102.228 #
20) L4 AR-1242-5	6.566	5.518	4349355	1731397	140.990	103.607 #
21) L5 AR-1248-1	5.657	4.691	701499	233866	20.649	16.873
22) L5 AR-1248-2	5.989f	4.939	9130647	1239288	174.471	62.390 #
23) L5 AR-1248-3	6.142	4.990	1763234	1439041	30.946	69.007 #
24) L5 AR-1248-4	6.566	5.148	4349355	-256984	79.758	N.D. #
25) L5 AR-1248-5	6.566	5.542	4349355	1803484	76.565	83.039
26) L6 AR-1254-1	6.476	5.518	324366	1731397	4.928	48.863 #
27) L6 AR-1254-2	6.707	5.652	325310	468654	3.379	14.653 #
28) L6 AR-1254-3	7.097	6.077	1190244	676596	13.316	13.840
29) L6 AR-1254-4	7.354	6.283	2305433	1497066	42.083	57.125 #
30) L6 AR-1254-5	7.812	6.718	447411	299215	6.645	7.098
31) L7 AR-1260-1	7.225	6.165	2294092	451947	32.013	12.812 #
32) L7 AR-1260-2	7.556f	6.372	962941	800117	12.205	19.960 #
33) L7 AR-1260-3	7.882	6.567	319560	26642	5.851	0.705 #
34) L7 AR-1260-4	8.110	7.000	225500	120456	3.599	4.169
35) L7 AR-1260-5	8.464f	7.251	39140	277831	0.366	4.617 #
36) L8 AR-1262-1	7.882	6.737	319560	112682	3.531	2.402 #
37) L8 AR-1262-2	8.464f	7.000	39140	120456	0.294	2.901 #
38) L8 AR-1262-3	8.759	7.539	405159	137921	4.120	4.317
39) L8 AR-1262-4	8.831	7.590	433071	91608	5.406	1.666 #
40) L8 AR-1262-5	9.503	8.105	5353	15725	0.122	0.626 #
41) L9 AR-1268-1	8.759	7.539	405159	137921	2.352	1.546 #

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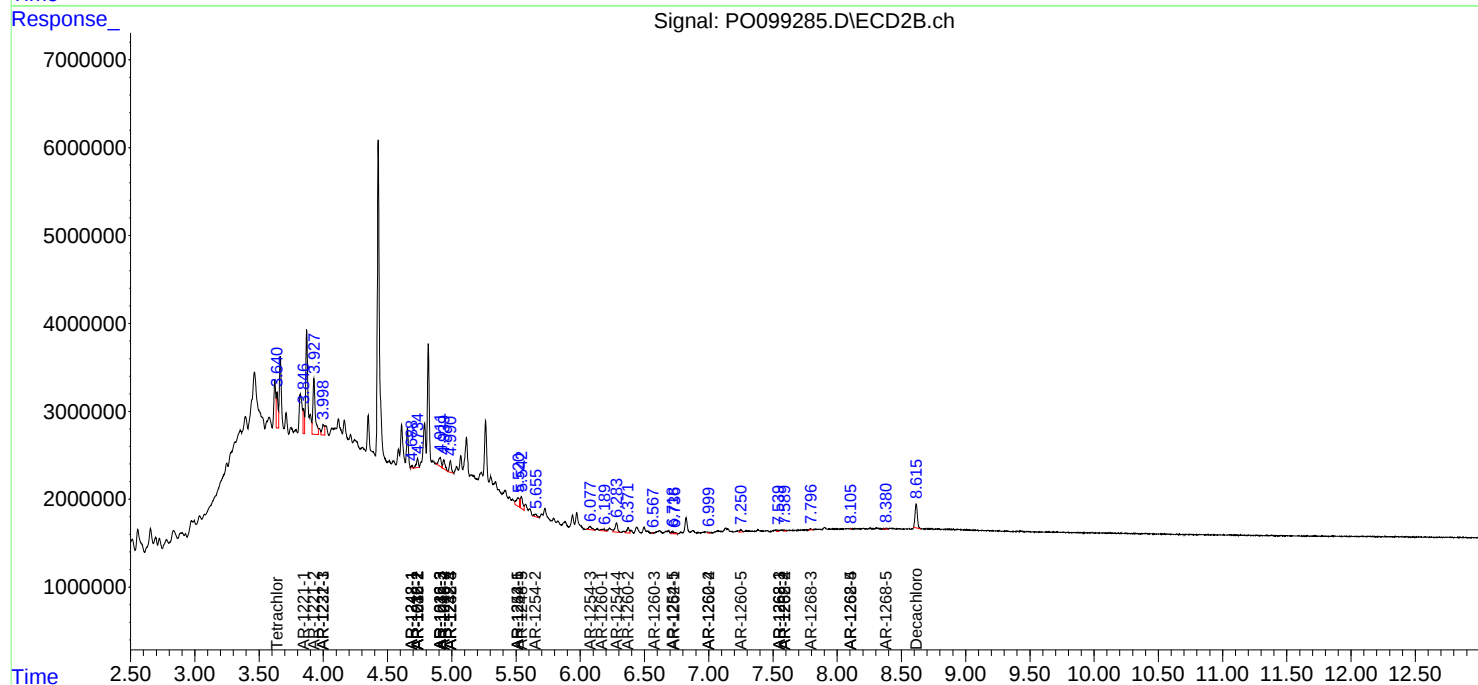
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

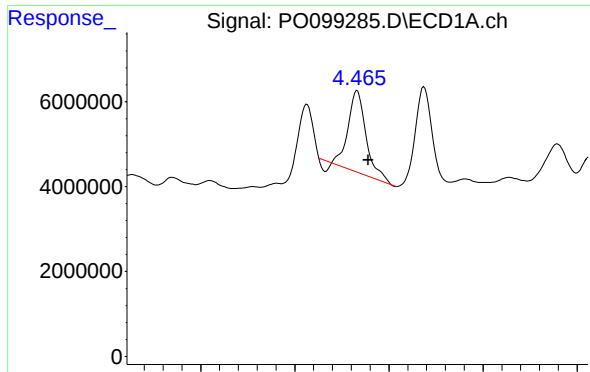
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.831	7.590	433071	91608	2.762	1.160 #
43) L9	AR-1268-3	9.046	7.797	534386	122619	3.811	1.742 #
44) L9	AR-1268-4	9.503	8.105	5353	15725	0.107	0.571 #
45) L9	AR-1268-5	9.865f	8.380	112849	74172	0.276	0.389 #

(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

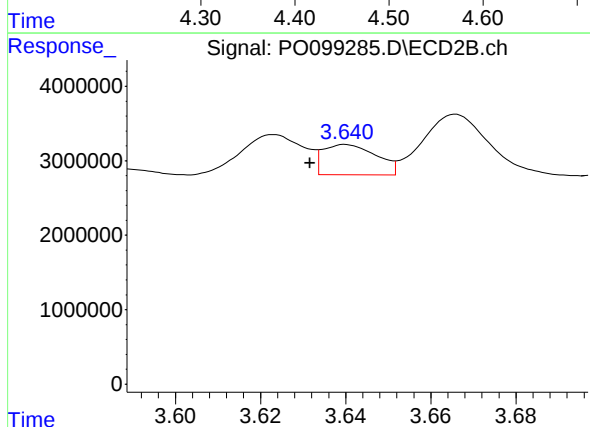




#1 Tetrachloro-m-xylene

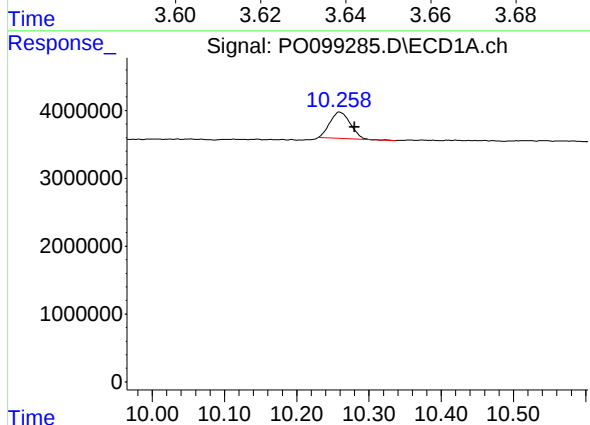
R.T.: 4.466 min
Delta R.T.: -0.012 min
Response: 24680855
Conc: 12.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



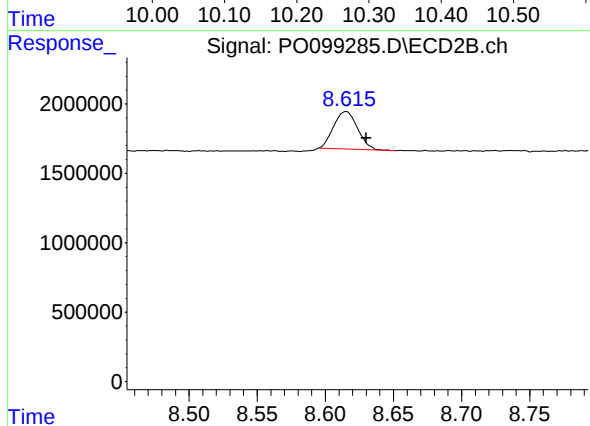
#1 Tetrachloro-m-xylene

R.T.: 3.640 min
Delta R.T.: 0.008 min
Response: 3555346
Conc: 4.94 ng/ml



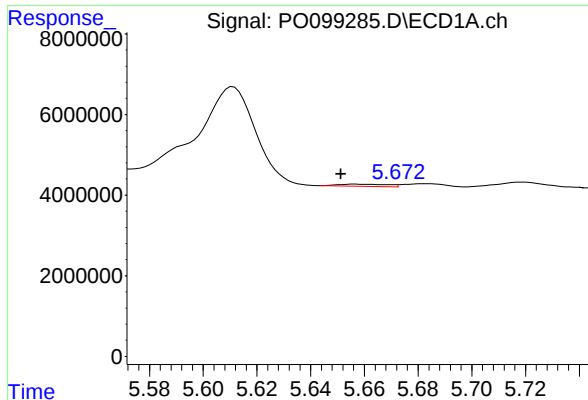
#2 Decachlorobiphenyl

R.T.: 10.259 min
Delta R.T.: -0.021 min
Response: 7626231
Conc: 6.73 ng/ml



#2 Decachlorobiphenyl

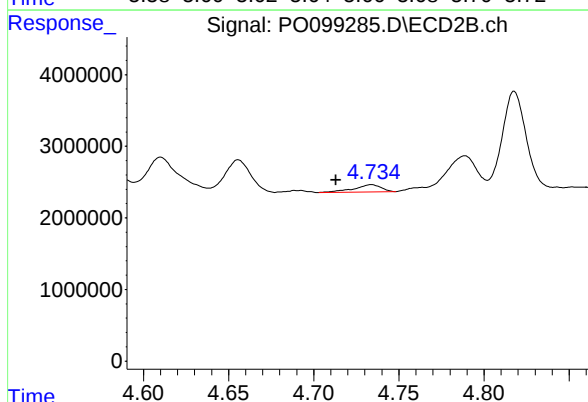
R.T.: 8.615 min
Delta R.T.: -0.015 min
Response: 3323750
Conc: 6.19 ng/ml



#3 AR-1016-1

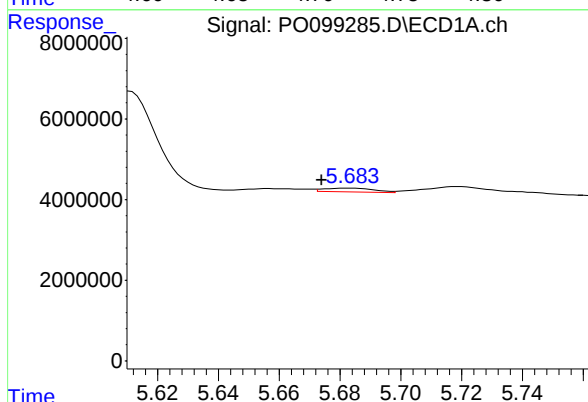
R.T.: 5.657 min
Delta R.T.: 0.005 min
Response: 701499
Conc: 12.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



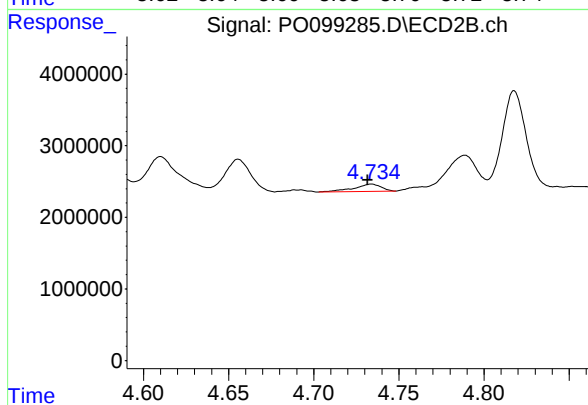
#3 AR-1016-1

R.T.: 4.734 min
Delta R.T.: 0.021 min
Response: 1129113
Conc: 50.42 ng/ml



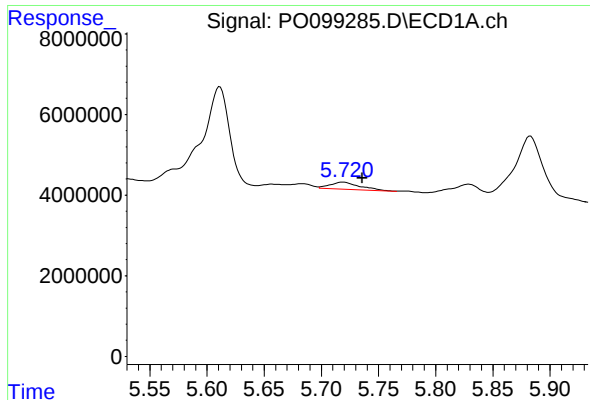
#4 AR-1016-2

R.T.: 5.683 min
Delta R.T.: 0.009 min
Response: 1095027
Conc: 13.24 ng/ml



#4 AR-1016-2

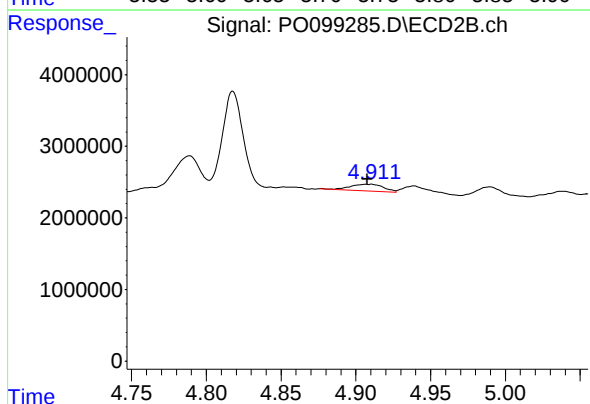
R.T.: 4.734 min
Delta R.T.: 0.002 min
Response: 1129113
Conc: 36.12 ng/ml



#5 AR-1016-3

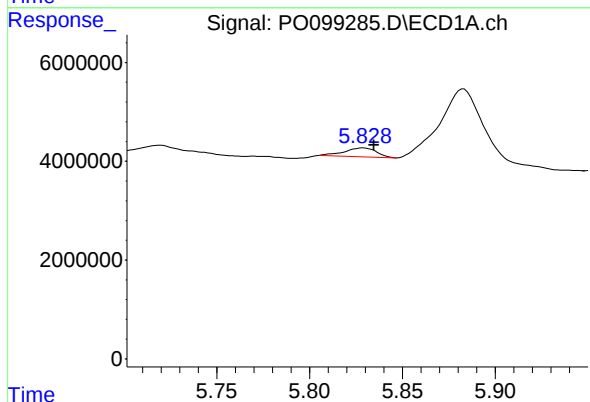
R.T.: 5.720 min
Delta R.T.: -0.016 min
Response: 3308058
Conc: 64.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



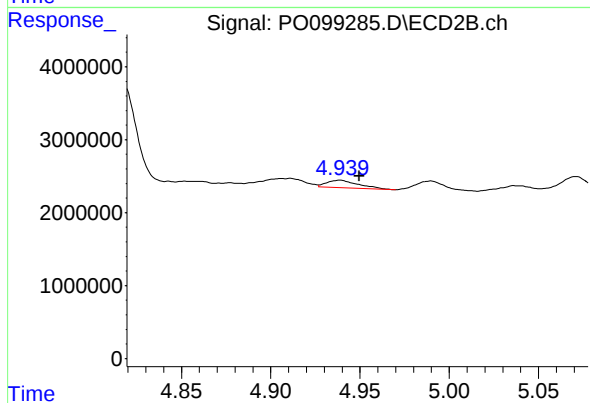
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: 0.003 min
Response: 1483476
Conc: 87.61 ng/ml



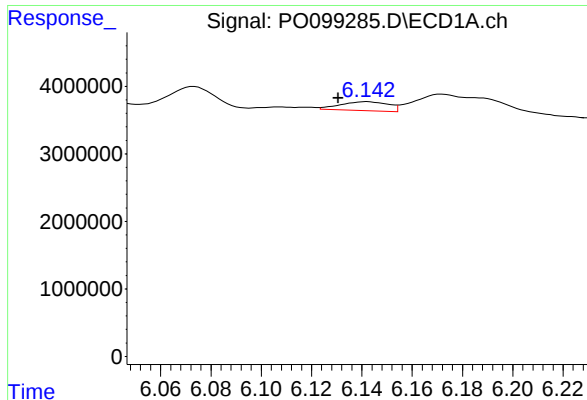
#6 AR-1016-4

R.T.: 5.829 min
Delta R.T.: -0.006 min
Response: 2162818
Conc: 53.21 ng/ml



#6 AR-1016-4

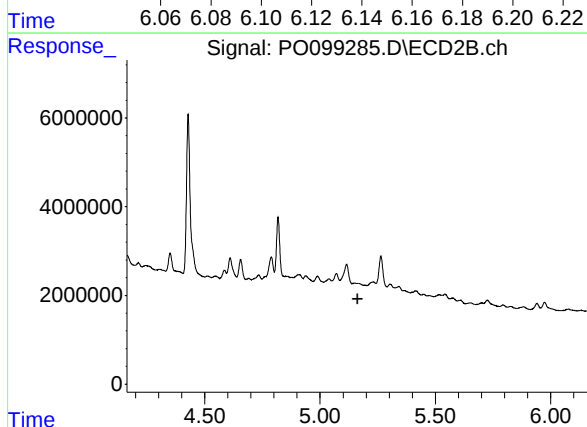
R.T.: 4.939 min
Delta R.T.: -0.011 min
Response: 1239288
Conc: 85.72 ng/ml



#7 AR-1016-5

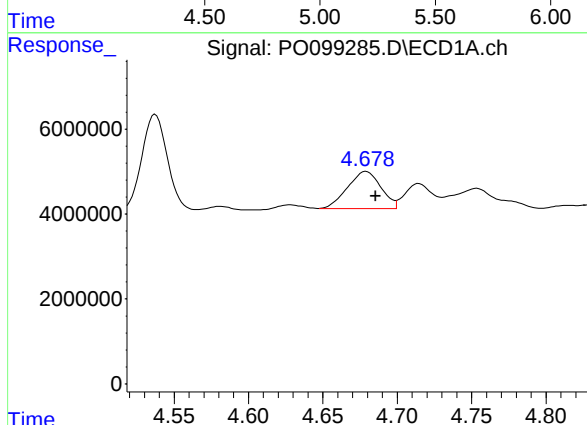
R.T.: 6.142 min
Delta R.T.: 0.011 min
Response: 1763234
Conc: 41.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



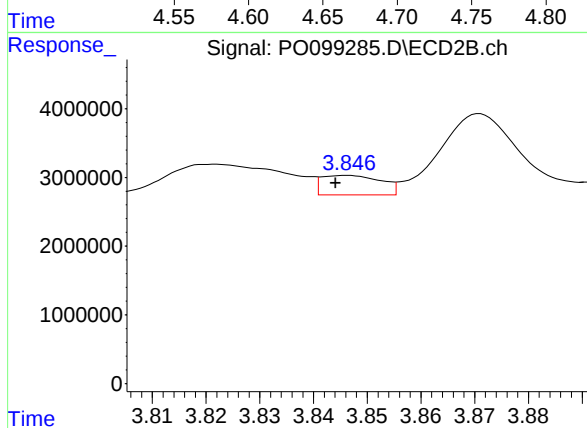
#7 AR-1016-5

R.T.: 5.148 min
Delta R.T.: -0.014 min
Response: -256984
Conc: N.D.



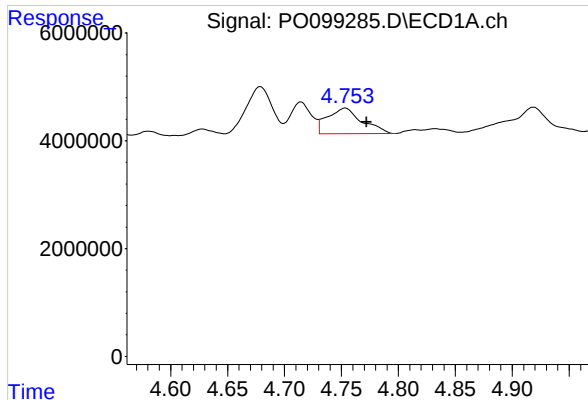
#8 AR-1221-1

R.T.: 4.679 min
Delta R.T.: -0.007 min
Response: 13612989
Conc: 548.29 ng/ml



#8 AR-1221-1

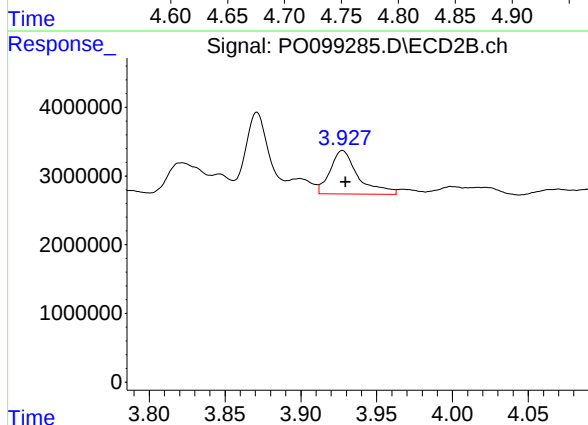
R.T.: 3.846 min
Delta R.T.: 0.002 min
Response: 2184716
Conc: 235.17 ng/ml



#9 AR-1221-2

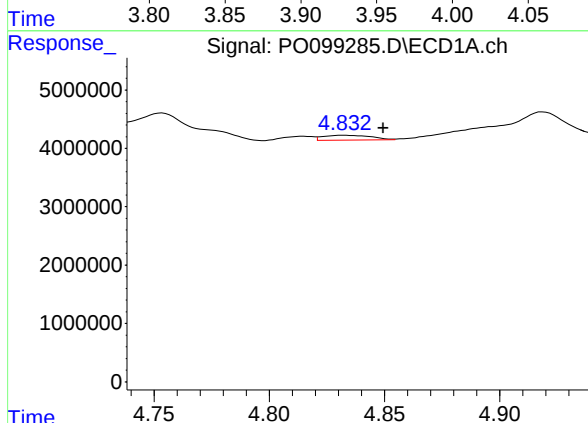
R.T.: 4.754 min
Delta R.T.: -0.019 min
Response: 10027721
Conc: 542.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



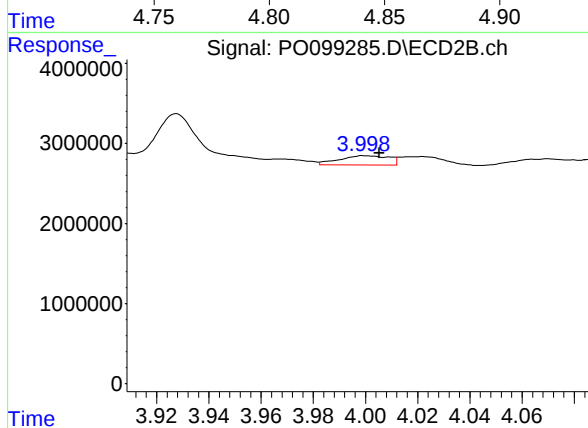
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: -0.002 min
Response: 8133409
Conc: 1254.44 ng/ml



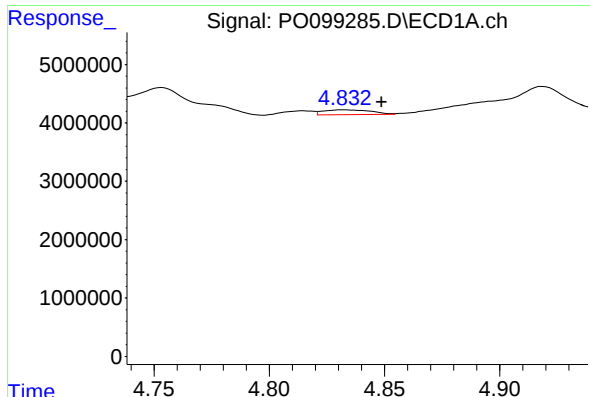
#10 AR-1221-3

R.T.: 4.832 min
Delta R.T.: -0.017 min
Response: 1196060
Conc: 22.08 ng/ml



#10 AR-1221-3

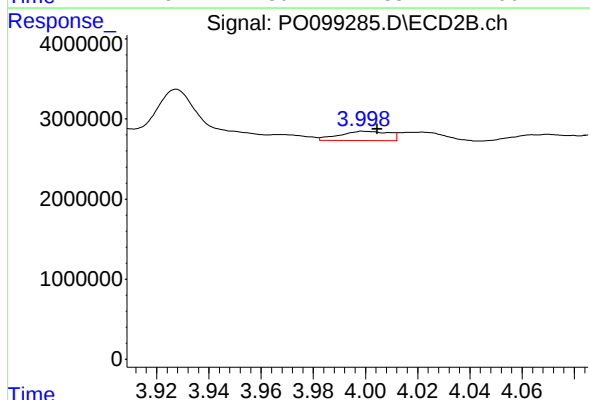
R.T.: 4.000 min
Delta R.T.: -0.006 min
Response: 1543586
Conc: 76.31 ng/ml



#11 AR-1232-1

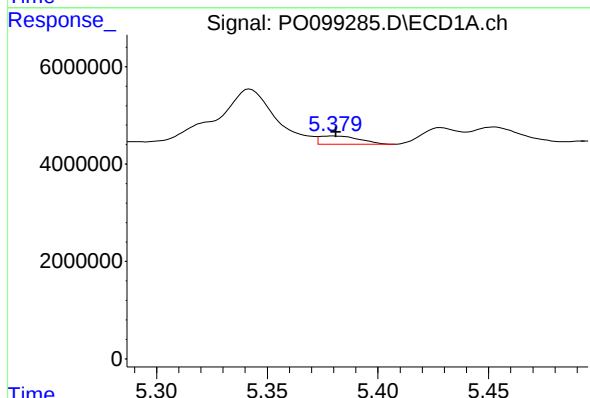
R.T.: 4.832 min
Delta R.T.: -0.016 min
Response: 1196060
Conc: 26.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



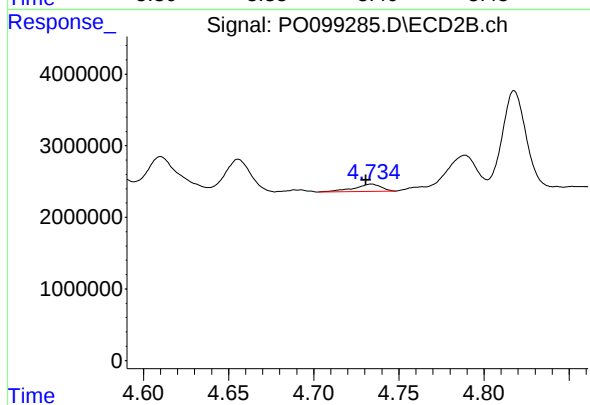
#11 AR-1232-1

R.T.: 4.000 min
Delta R.T.: -0.005 min
Response: 1543586
Conc: 90.05 ng/ml



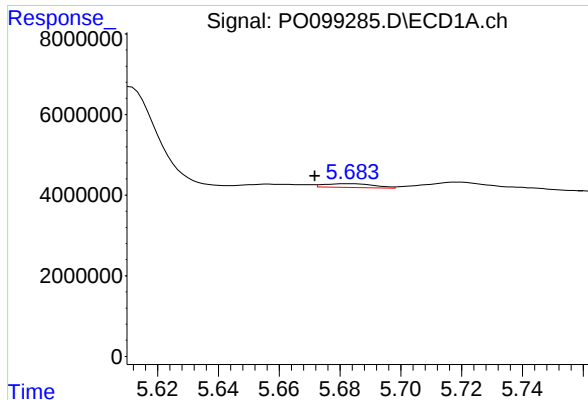
#12 AR-1232-2

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 2149154
Conc: 91.01 ng/ml



#12 AR-1232-2

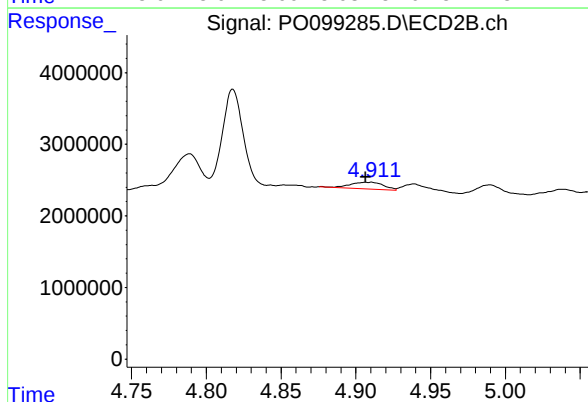
R.T.: 4.734 min
Delta R.T.: 0.003 min
Response: 1129113
Conc: 73.70 ng/ml



#13 AR-1232-3

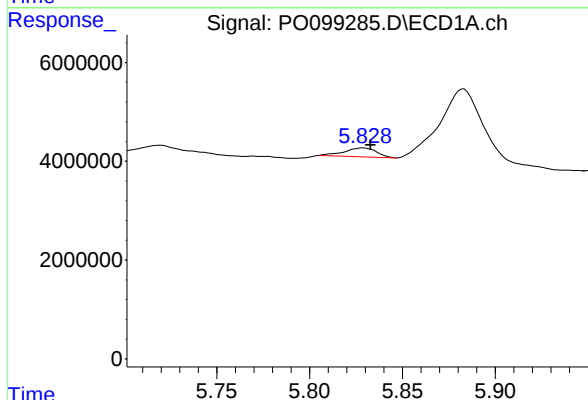
R.T.: 5.683 min
Delta R.T.: 0.011 min
Response: 1095027
Conc: 27.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



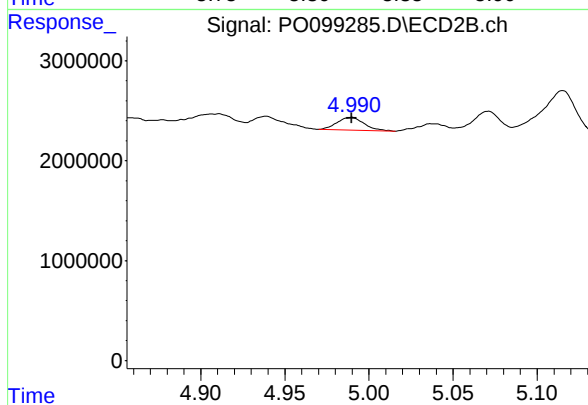
#13 AR-1232-3

R.T.: 4.910 min
Delta R.T.: 0.004 min
Response: 1483476
Conc: 185.40 ng/ml



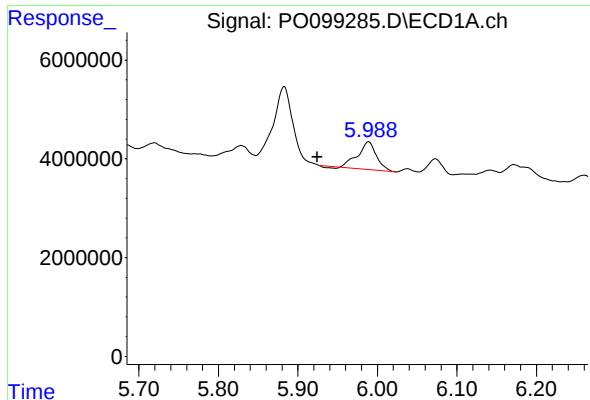
#14 AR-1232-4

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 2162818
Conc: 113.36 ng/ml



#14 AR-1232-4

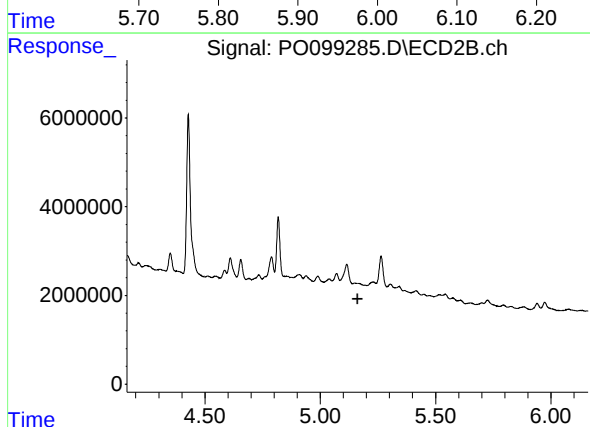
R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 1439041
Conc: 187.04 ng/ml



#15 AR-1232-5

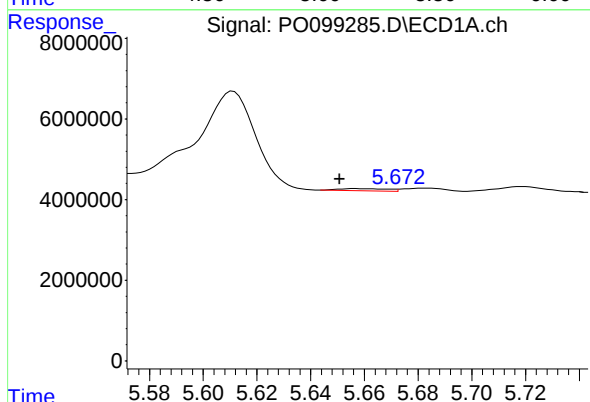
R.T.: 5.989 min
Delta R.T.: 0.065 min
Response: 9130647
Conc: 548.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



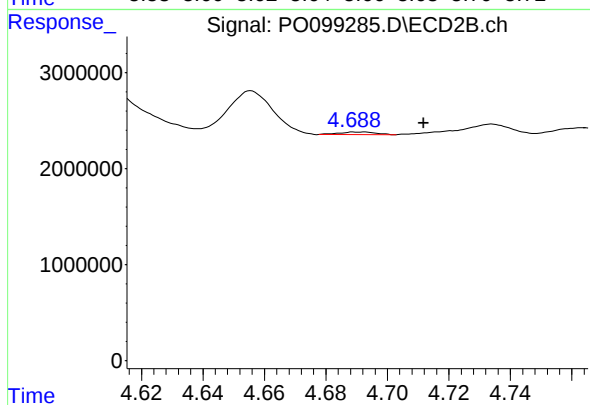
#15 AR-1232-5

R.T.: 5.148 min
Delta R.T.: -0.014 min
Response: -256984
Conc: N.D.



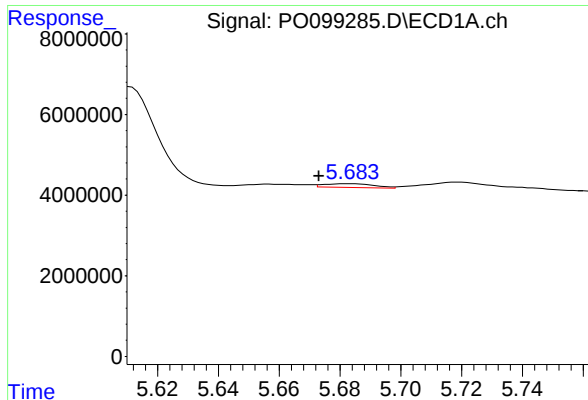
#16 AR-1242-1

R.T.: 5.657 min
Delta R.T.: 0.006 min
Response: 701499
Conc: 16.20 ng/ml



#16 AR-1242-1

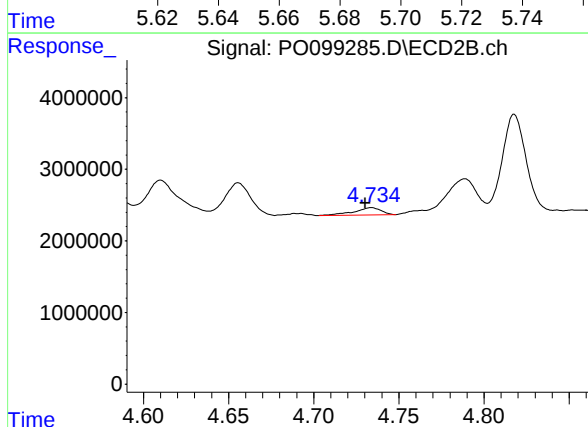
R.T.: 4.691 min
Delta R.T.: -0.021 min
Response: 233866
Conc: 13.31 ng/ml



#17 AR-1242-2

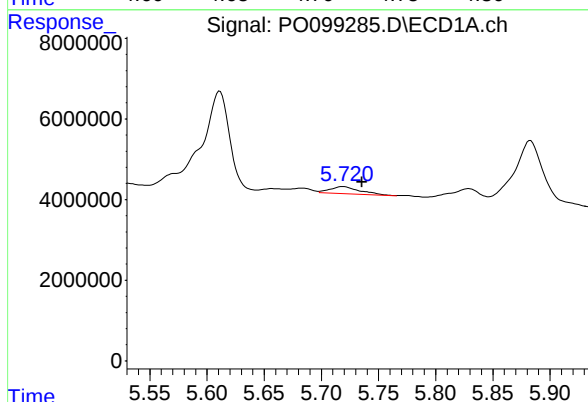
R.T.: 5.683 min
Delta R.T.: 0.010 min
Response: 1095027
Conc: 17.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



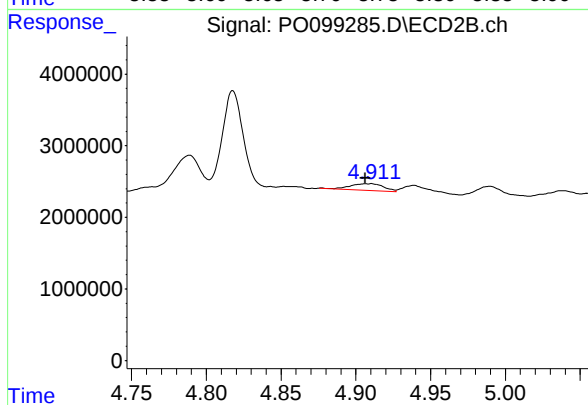
#17 AR-1242-2

R.T.: 4.734 min
Delta R.T.: 0.004 min
Response: 1129113
Conc: 46.59 ng/ml



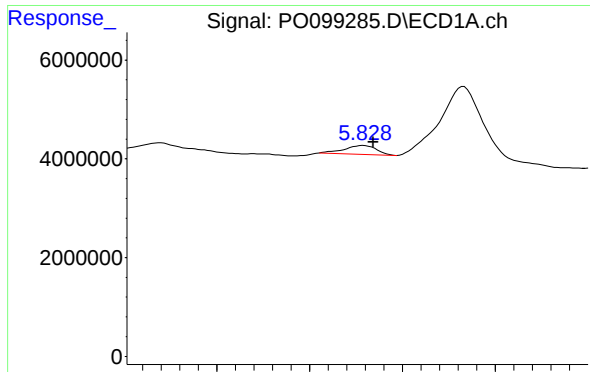
#18 AR-1242-3

R.T.: 5.720 min
Delta R.T.: -0.016 min
Response: 3308058
Conc: 82.24 ng/ml



#18 AR-1242-3

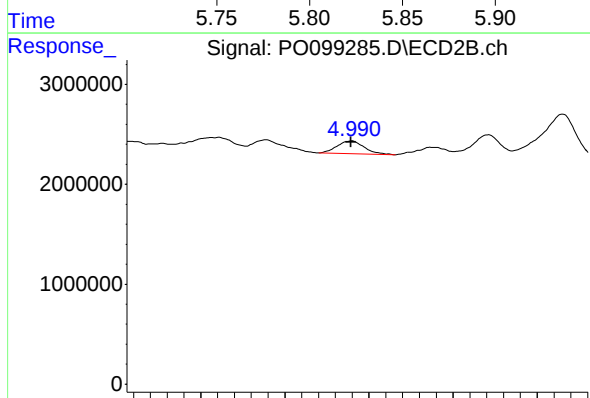
R.T.: 4.910 min
Delta R.T.: 0.004 min
Response: 1483476
Conc: 115.71 ng/ml



#19 AR-1242-4

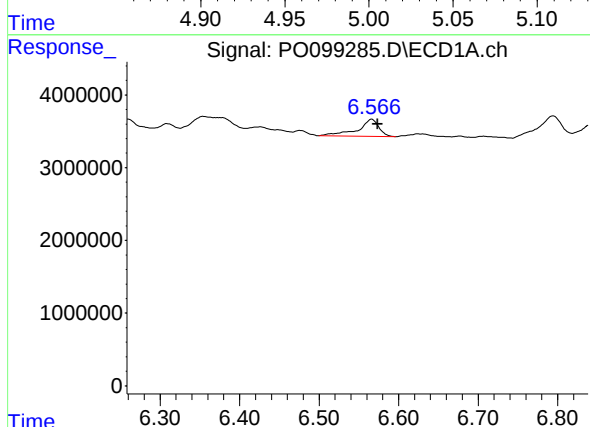
R.T.: 5.829 min
Delta R.T.: -0.005 min
Response: 2162818
Conc: 69.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



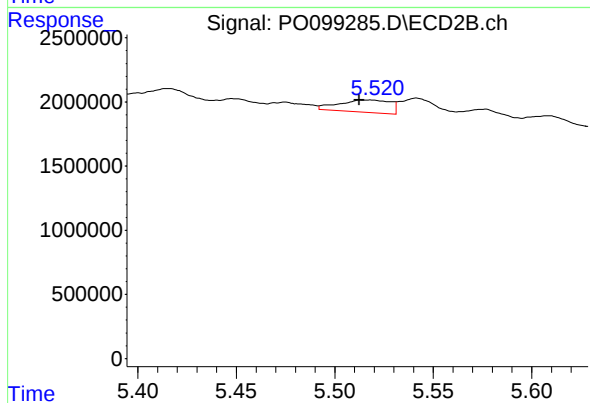
#19 AR-1242-4

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 1439041
Conc: 102.23 ng/ml



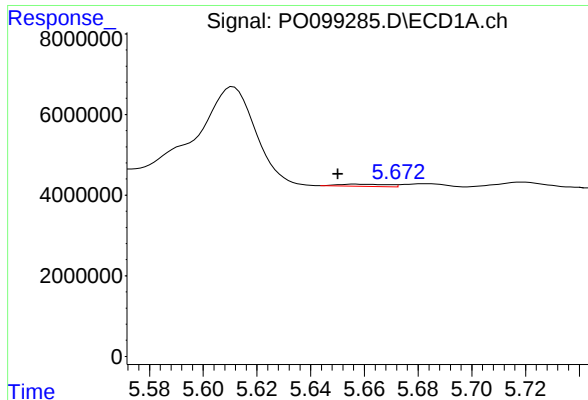
#20 AR-1242-5

R.T.: 6.566 min
Delta R.T.: -0.008 min
Response: 4349355
Conc: 140.99 ng/ml



#20 AR-1242-5

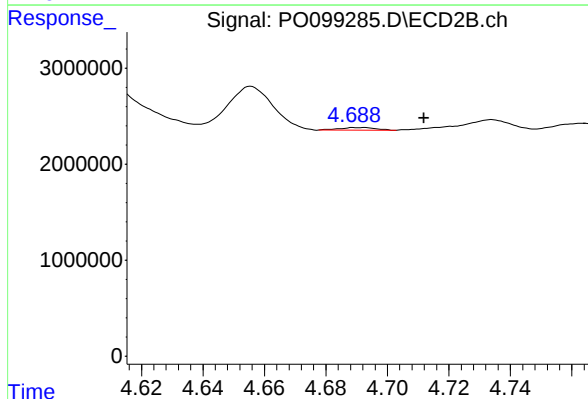
R.T.: 5.518 min
Delta R.T.: 0.006 min
Response: 1731397
Conc: 103.61 ng/ml



#21 AR-1248-1

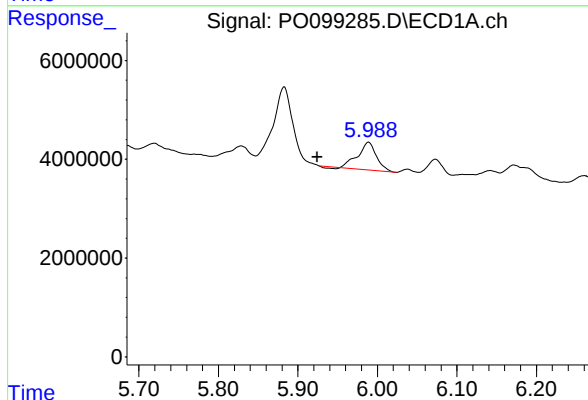
R.T.: 5.657 min
Delta R.T.: 0.006 min
Response: 701499
Conc: 20.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



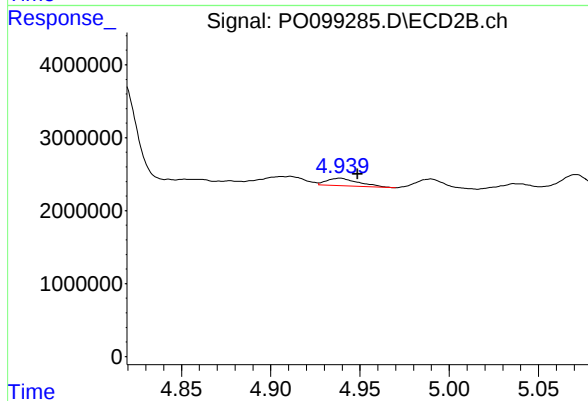
#21 AR-1248-1

R.T.: 4.691 min
Delta R.T.: -0.021 min
Response: 233866
Conc: 16.87 ng/ml



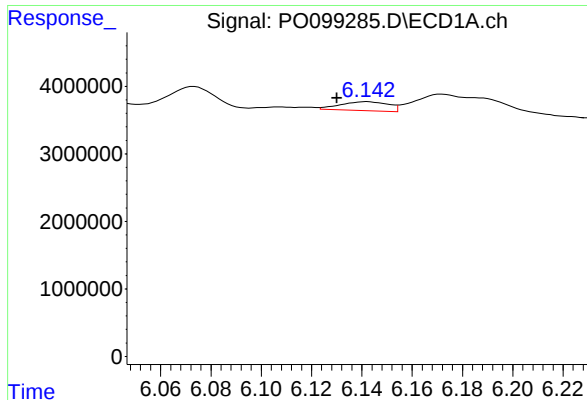
#22 AR-1248-2

R.T.: 5.989 min
Delta R.T.: 0.064 min
Response: 9130647
Conc: 174.47 ng/ml



#22 AR-1248-2

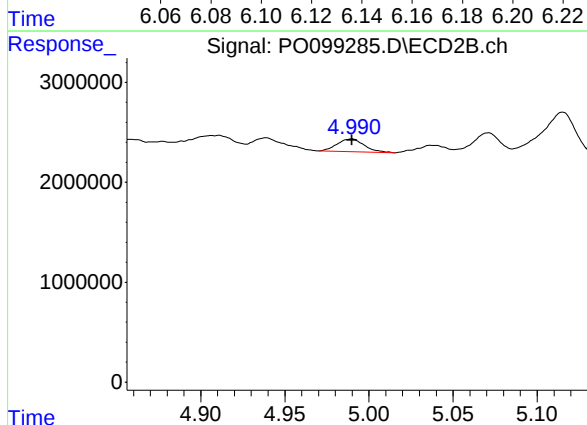
R.T.: 4.939 min
Delta R.T.: -0.010 min
Response: 1239288
Conc: 62.39 ng/ml



#23 AR-1248-3

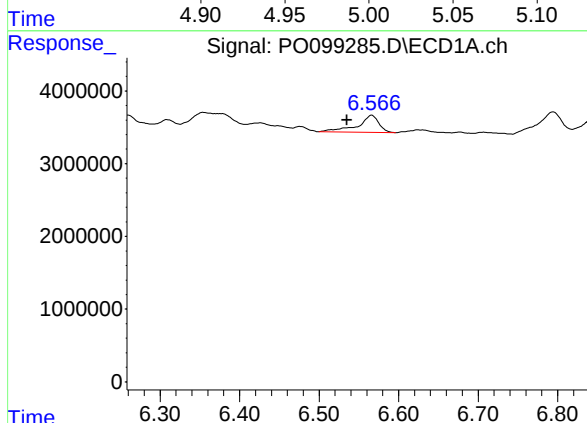
R.T.: 6.142 min
Delta R.T.: 0.012 min
Response: 1763234
Conc: 30.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



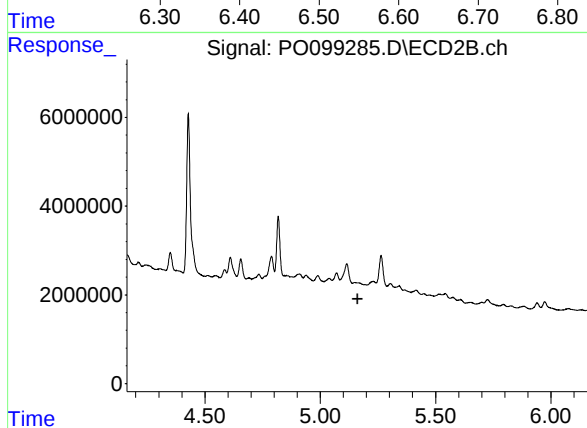
#23 AR-1248-3

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 1439041
Conc: 69.01 ng/ml



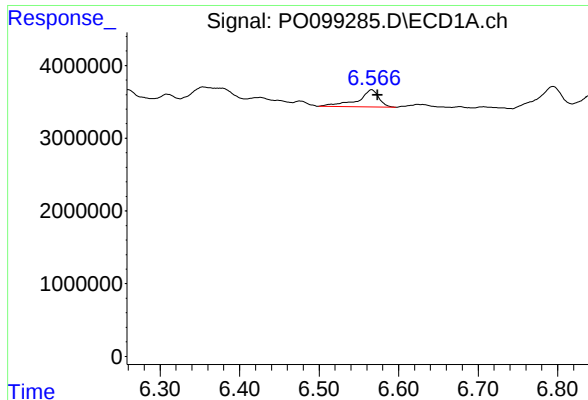
#24 AR-1248-4

R.T.: 6.566 min
Delta R.T.: 0.031 min
Response: 4349355
Conc: 79.76 ng/ml



#24 AR-1248-4

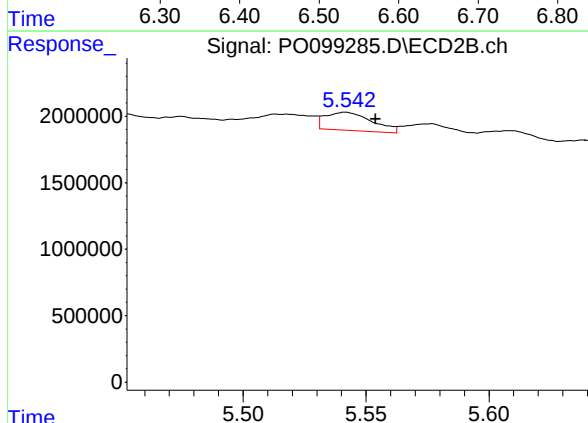
R.T.: 5.148 min
Delta R.T.: -0.014 min
Response: -256984
Conc: N.D.



#25 AR-1248-5

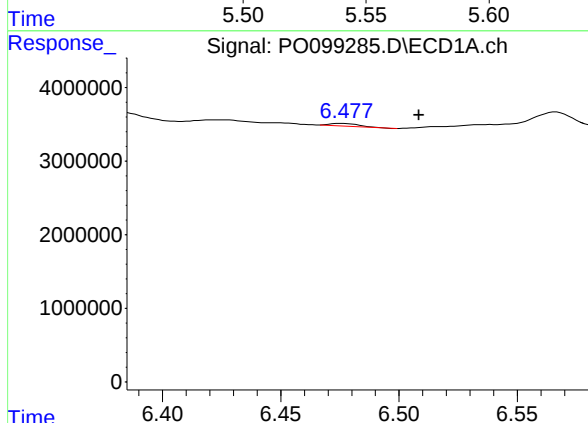
R.T.: 6.566 min
Delta R.T.: -0.007 min
Response: 4349355
Conc: 76.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



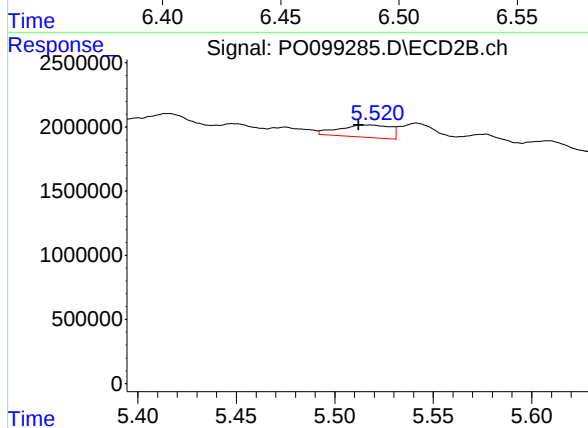
#25 AR-1248-5

R.T.: 5.542 min
Delta R.T.: -0.012 min
Response: 1803484
Conc: 83.04 ng/ml



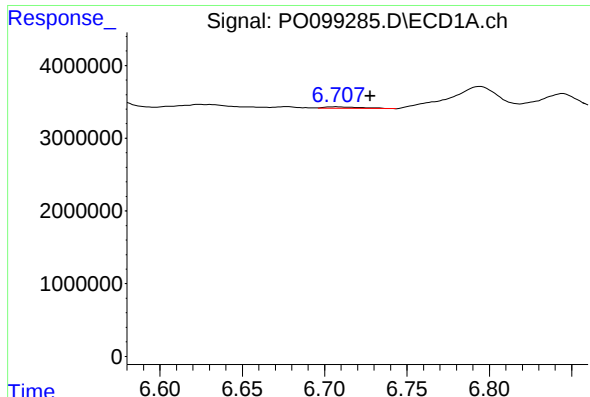
#26 AR-1254-1

R.T.: 6.476 min
Delta R.T.: -0.033 min
Response: 324366
Conc: 4.93 ng/ml



#26 AR-1254-1

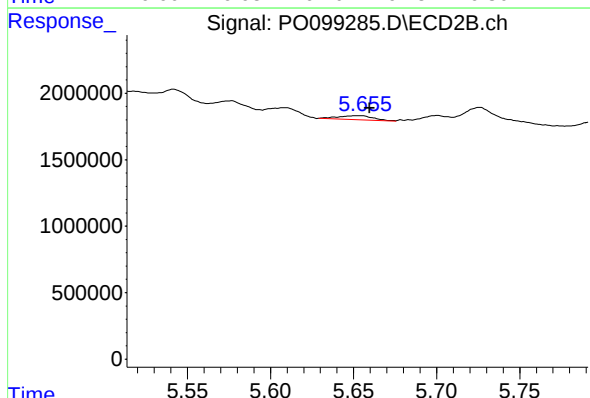
R.T.: 5.518 min
Delta R.T.: 0.006 min
Response: 1731397
Conc: 48.86 ng/ml



#27 AR-1254-2

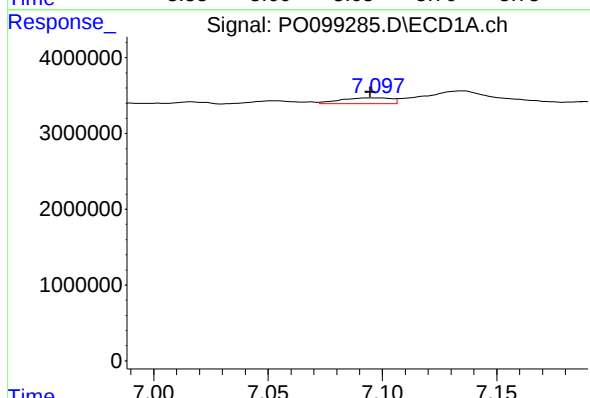
R.T.: 6.707 min
Delta R.T.: -0.021 min
Response: 325310
Conc: 3.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



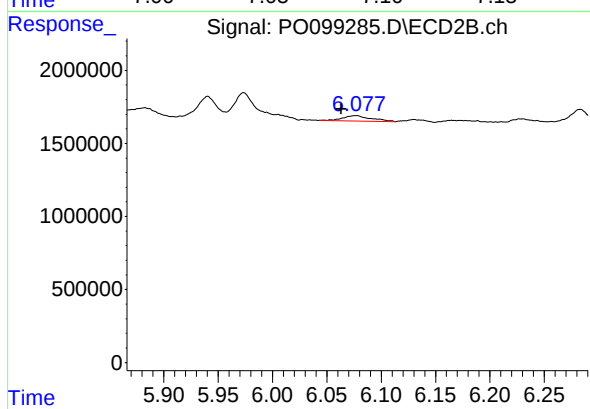
#27 AR-1254-2

R.T.: 5.652 min
Delta R.T.: -0.008 min
Response: 468654
Conc: 14.65 ng/ml



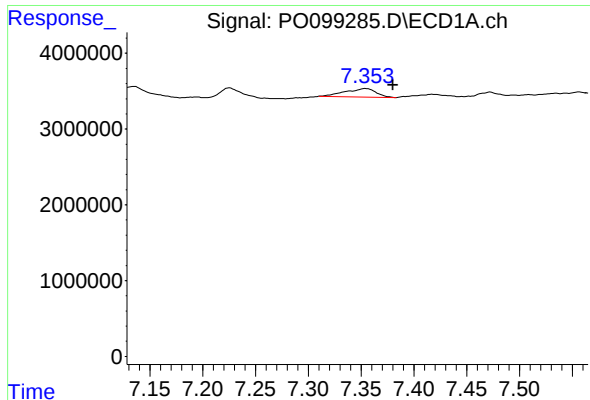
#28 AR-1254-3

R.T.: 7.097 min
Delta R.T.: 0.002 min
Response: 1190244
Conc: 13.32 ng/ml



#28 AR-1254-3

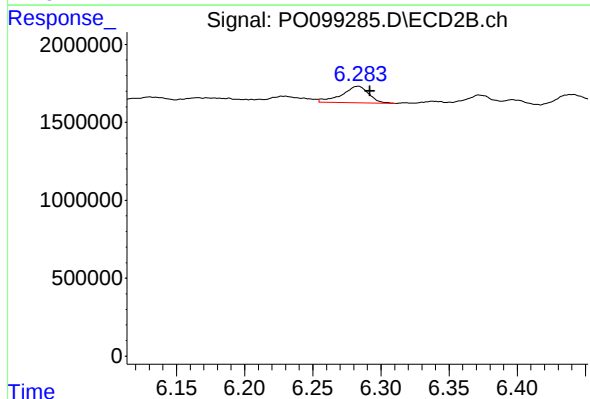
R.T.: 6.077 min
Delta R.T.: 0.014 min
Response: 676596
Conc: 13.84 ng/ml



#29 AR-1254-4

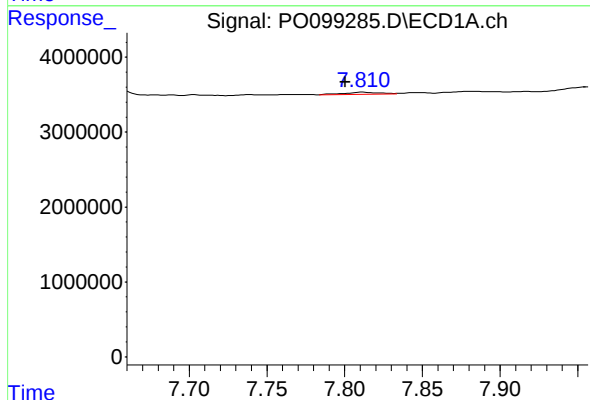
R.T.: 7.354 min
Delta R.T.: -0.026 min
Response: 2305433
Conc: 42.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



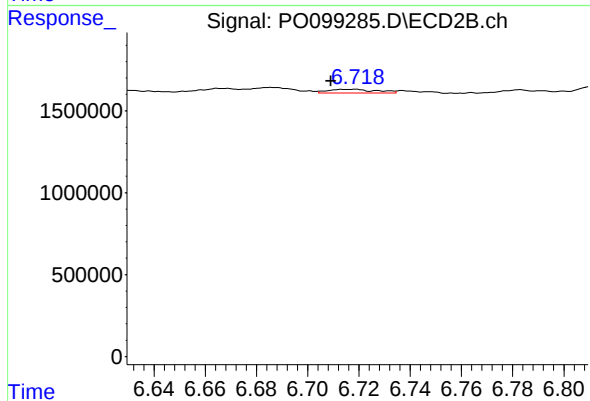
#29 AR-1254-4

R.T.: 6.283 min
Delta R.T.: -0.009 min
Response: 1497066
Conc: 57.13 ng/ml



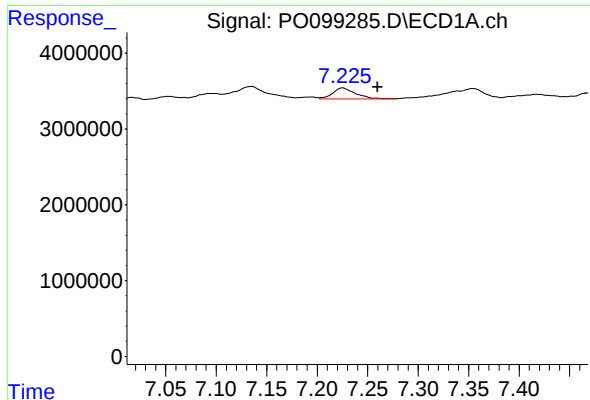
#30 AR-1254-5

R.T.: 7.812 min
Delta R.T.: 0.011 min
Response: 447411
Conc: 6.64 ng/ml



#30 AR-1254-5

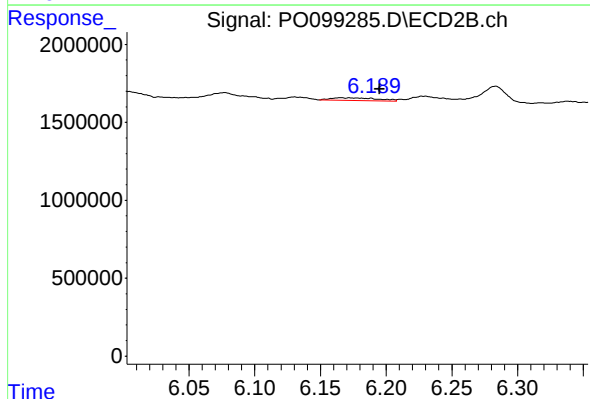
R.T.: 6.718 min
Delta R.T.: 0.009 min
Response: 299215
Conc: 7.10 ng/ml



#31 AR-1260-1

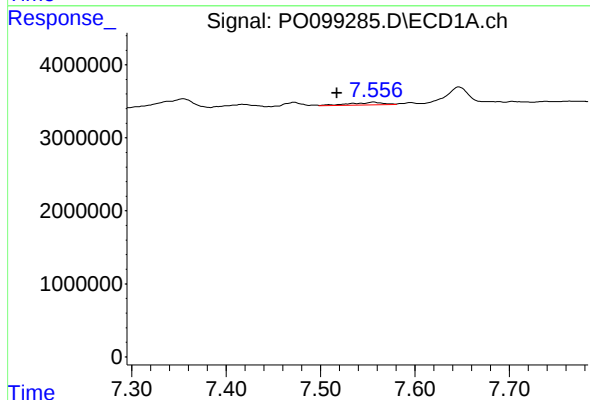
R.T.: 7.225 min
Delta R.T.: -0.035 min
Response: 2294092
Conc: 32.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



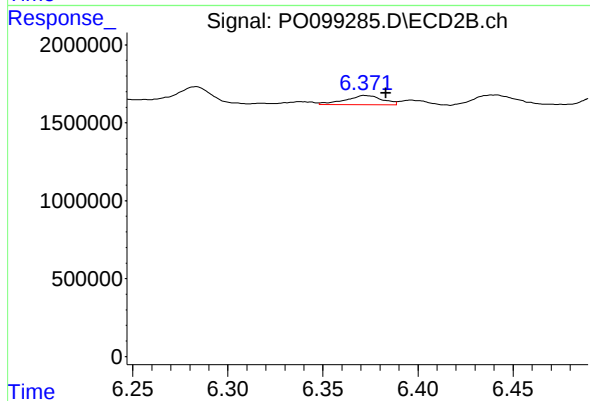
#31 AR-1260-1

R.T.: 6.165 min
Delta R.T.: -0.030 min
Response: 451947
Conc: 12.81 ng/ml



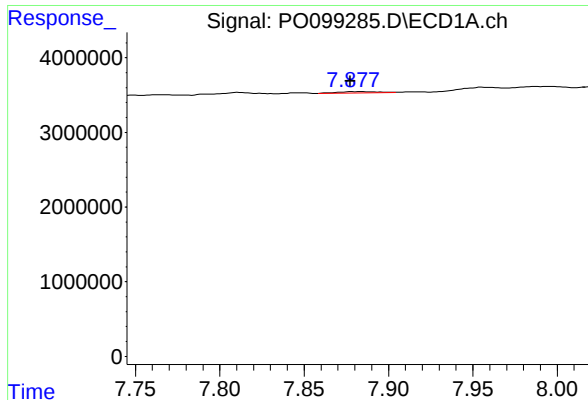
#32 AR-1260-2

R.T.: 7.556 min
Delta R.T.: 0.039 min
Response: 962941
Conc: 12.21 ng/ml



#32 AR-1260-2

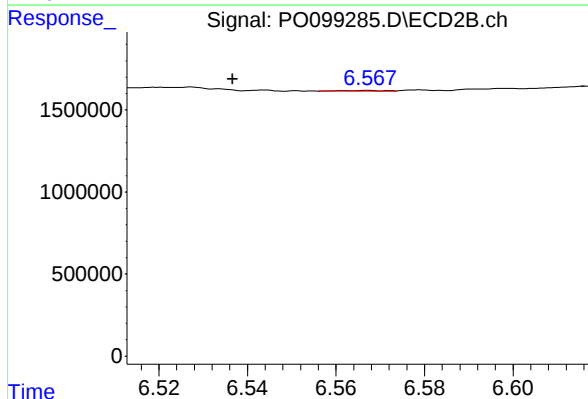
R.T.: 6.372 min
Delta R.T.: -0.011 min
Response: 800117
Conc: 19.96 ng/ml



#33 AR-1260-3

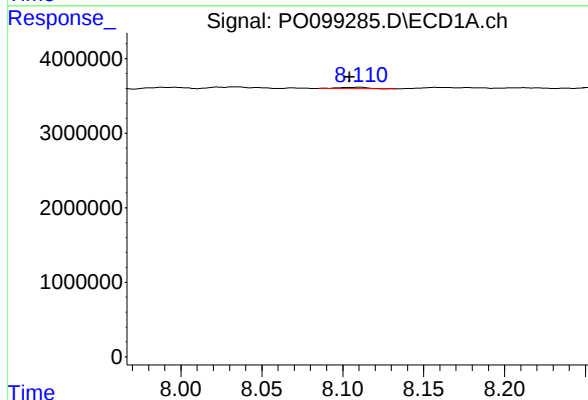
R.T.: 7.882 min
Delta R.T.: 0.005 min
Response: 319560
Conc: 5.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



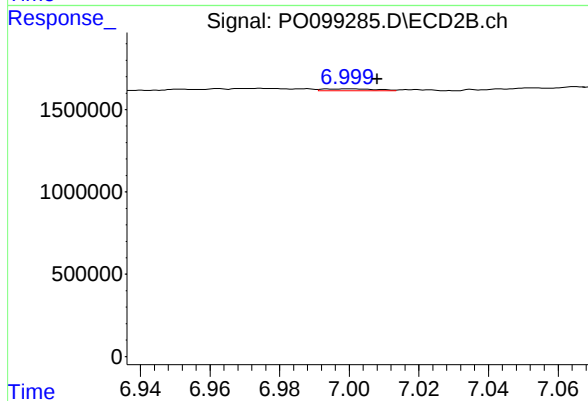
#33 AR-1260-3

R.T.: 6.567 min
Delta R.T.: 0.031 min
Response: 26642
Conc: 0.70 ng/ml



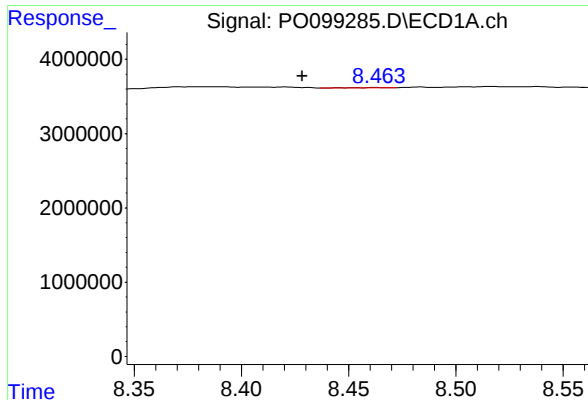
#34 AR-1260-4

R.T.: 8.110 min
Delta R.T.: 0.006 min
Response: 225500
Conc: 3.60 ng/ml



#34 AR-1260-4

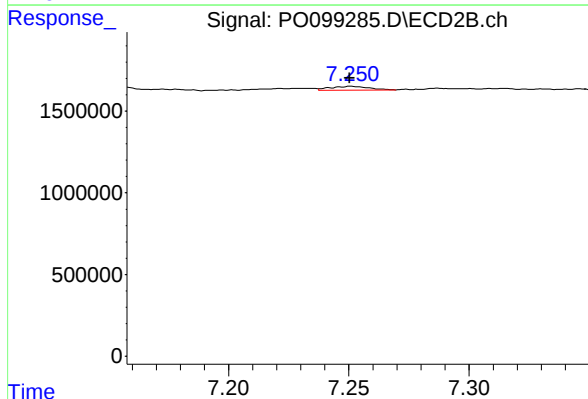
R.T.: 7.000 min
Delta R.T.: -0.008 min
Response: 120456
Conc: 4.17 ng/ml



#35 AR-1260-5

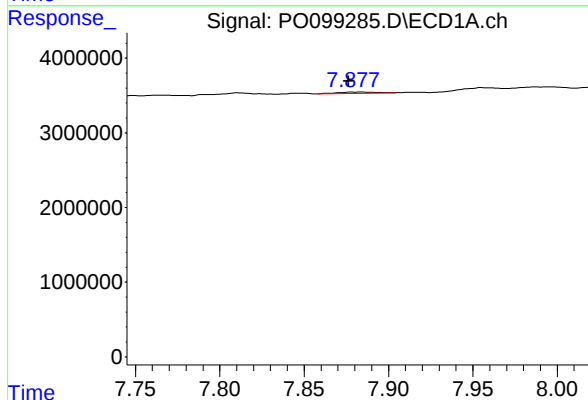
R.T.: 8.464 min
Delta R.T.: 0.035 min
Response: 39140
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



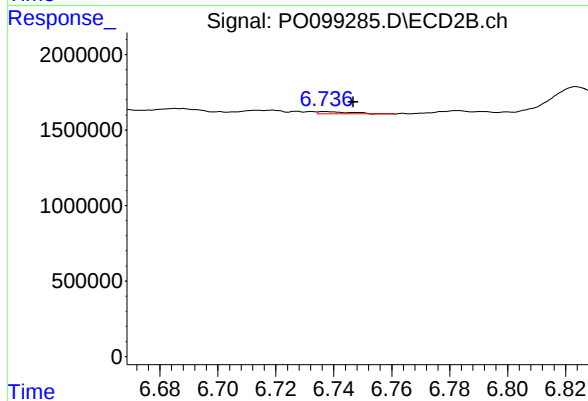
#35 AR-1260-5

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 277831
Conc: 4.62 ng/ml



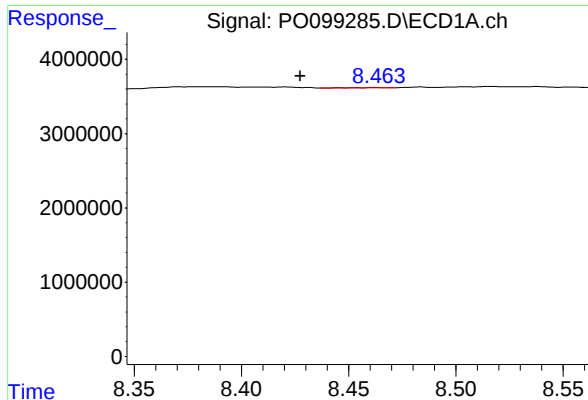
#36 AR-1262-1

R.T.: 7.882 min
Delta R.T.: 0.006 min
Response: 319560
Conc: 3.53 ng/ml



#36 AR-1262-1

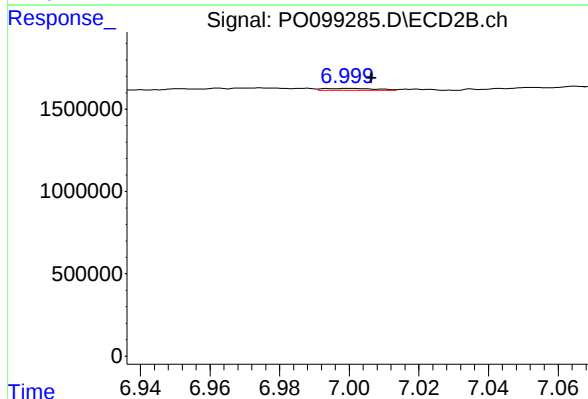
R.T.: 6.737 min
Delta R.T.: -0.010 min
Response: 112682
Conc: 2.40 ng/ml



#37 AR-1262-2

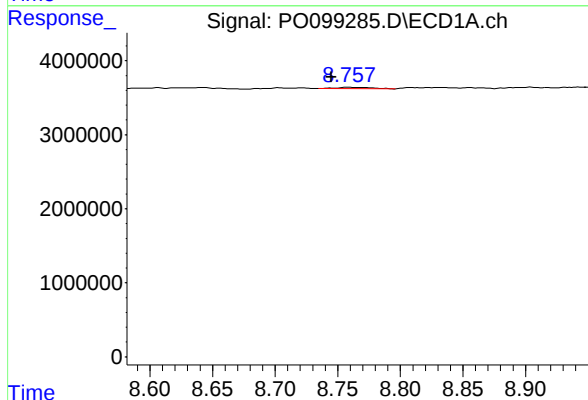
R.T.: 8.464 min
Delta R.T.: 0.036 min
Response: 39140
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



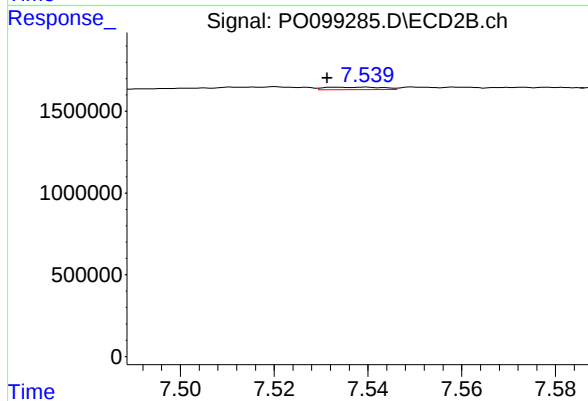
#37 AR-1262-2

R.T.: 7.000 min
Delta R.T.: -0.006 min
Response: 120456
Conc: 2.90 ng/ml



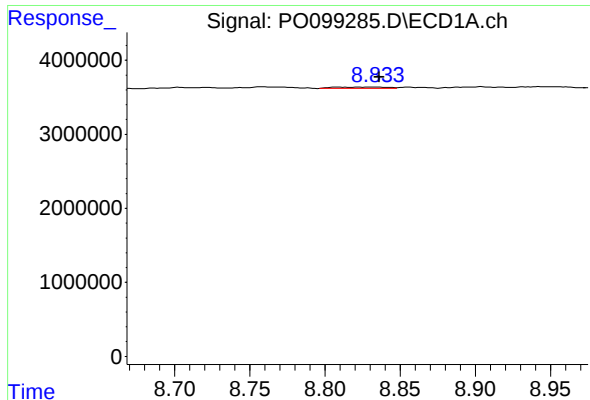
#38 AR-1262-3

R.T.: 8.759 min
Delta R.T.: 0.014 min
Response: 405159
Conc: 4.12 ng/ml



#38 AR-1262-3

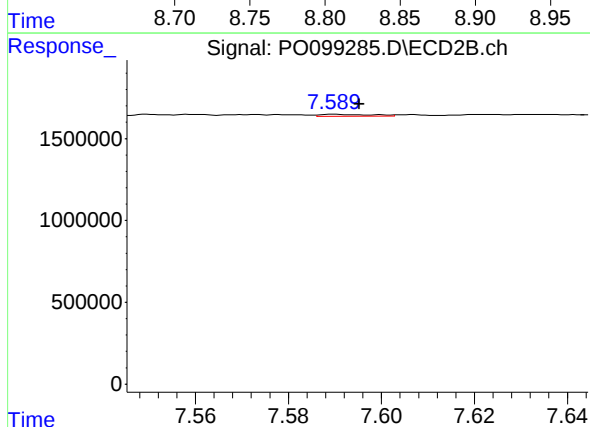
R.T.: 7.539 min
Delta R.T.: 0.008 min
Response: 137921
Conc: 4.32 ng/ml



#39 AR-1262-4

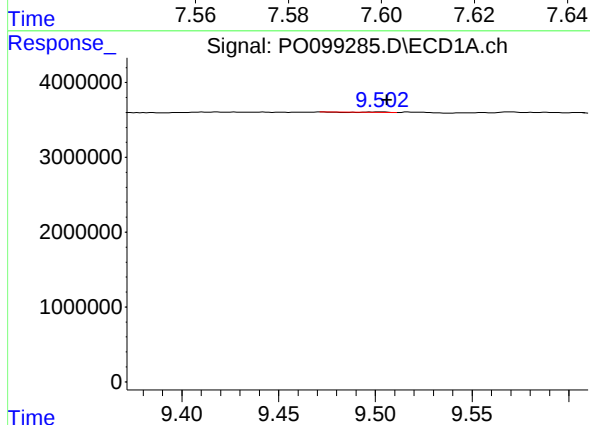
R.T.: 8.831 min
Delta R.T.: -0.005 min
Response: 433071
Conc: 5.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



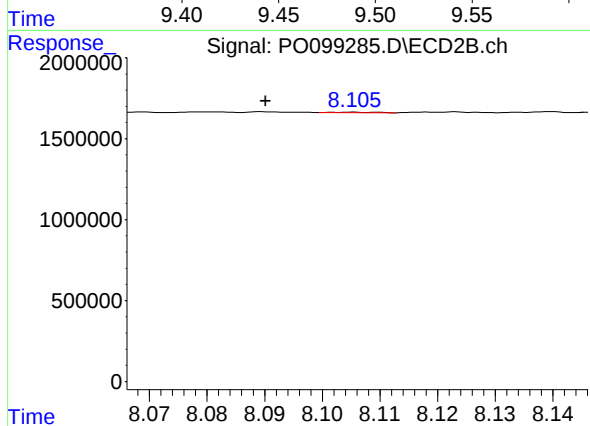
#39 AR-1262-4

R.T.: 7.590 min
Delta R.T.: -0.005 min
Response: 91608
Conc: 1.67 ng/ml



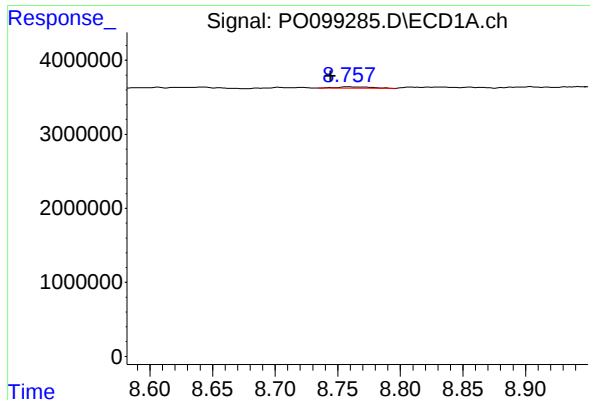
#40 AR-1262-5

R.T.: 9.503 min
Delta R.T.: -0.003 min
Response: 5353
Conc: 0.12 ng/ml



#40 AR-1262-5

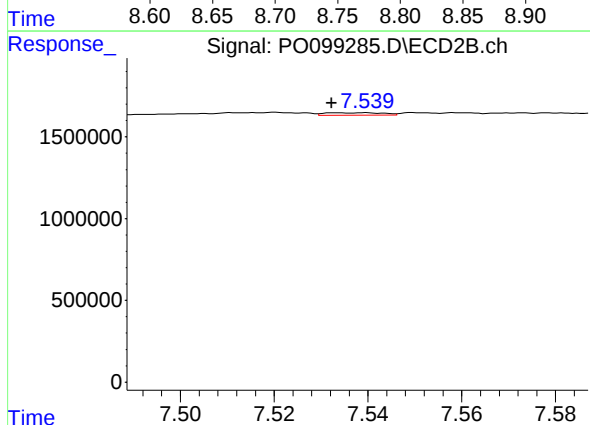
R.T.: 8.105 min
Delta R.T.: 0.015 min
Response: 15725
Conc: 0.63 ng/ml



#41 AR-1268-1

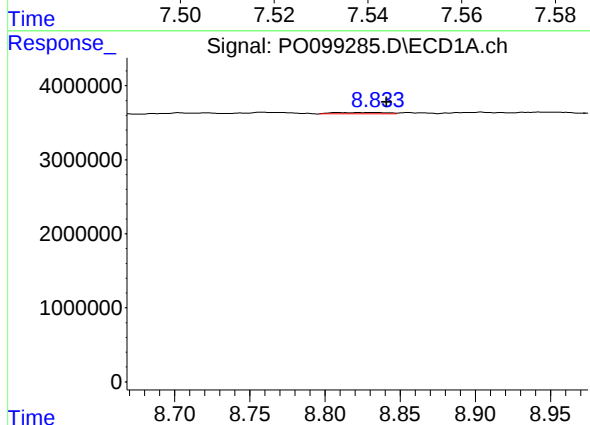
R.T.: 8.759 min
Delta R.T.: 0.014 min
Response: 405159
Conc: 2.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



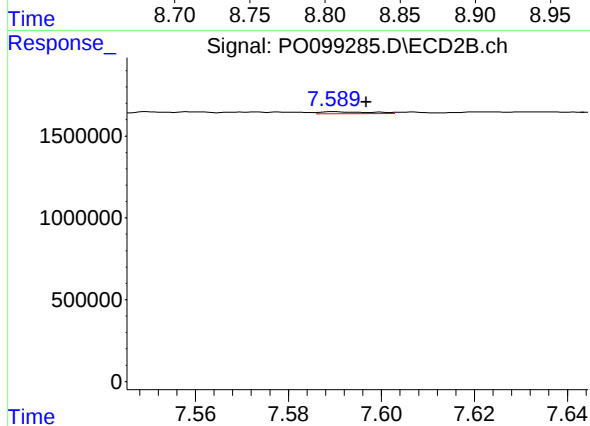
#41 AR-1268-1

R.T.: 7.539 min
Delta R.T.: 0.007 min
Response: 137921
Conc: 1.55 ng/ml



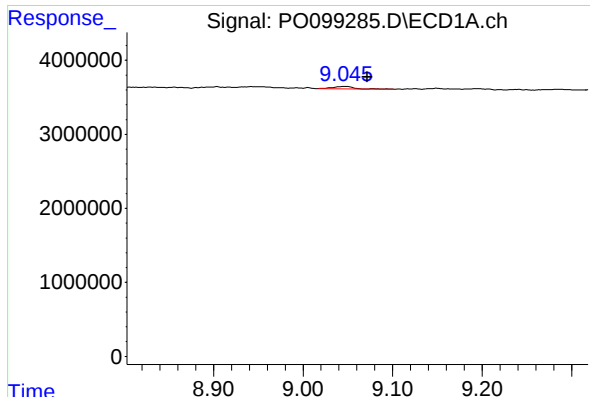
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: -0.010 min
Response: 433071
Conc: 2.76 ng/ml



#42 AR-1268-2

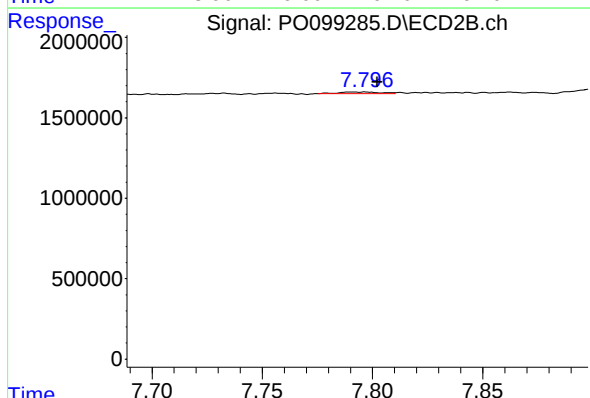
R.T.: 7.590 min
Delta R.T.: -0.007 min
Response: 91608
Conc: 1.16 ng/ml



#43 AR-1268-3

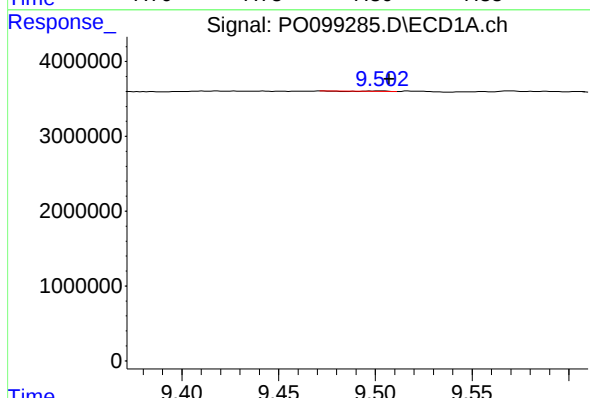
R.T.: 9.046 min
Delta R.T.: -0.026 min
Response: 534386
Conc: 3.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



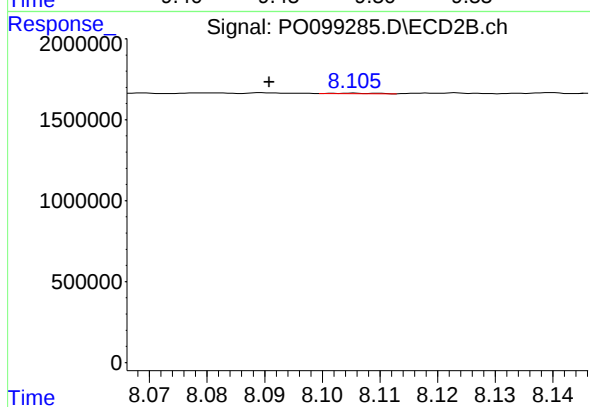
#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.005 min
Response: 122619
Conc: 1.74 ng/ml



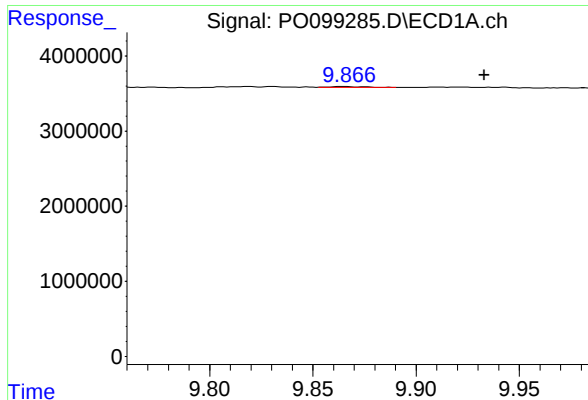
#44 AR-1268-4

R.T.: 9.503 min
Delta R.T.: -0.005 min
Response: 5353
Conc: 0.11 ng/ml



#44 AR-1268-4

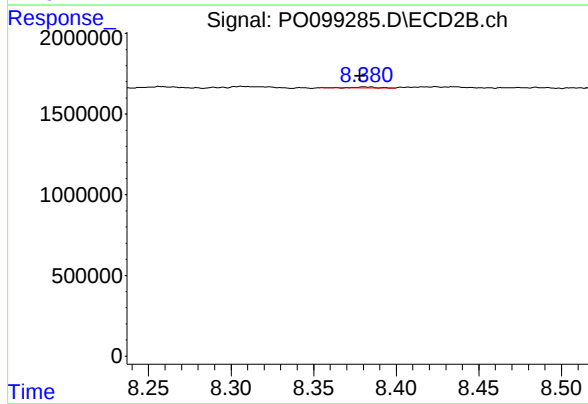
R.T.: 8.105 min
Delta R.T.: 0.014 min
Response: 15725
Conc: 0.57 ng/ml



#45 AR-1268-5

R.T.: 9.865 min
Delta R.T.: -0.068 min
Response: 112849
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.380 min
Delta R.T.: 0.002 min
Response: 74172
Conc: 0.39 ng/ml