

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 14:10
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:18:00 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...	4.412	3.617	62242961	24995039	18.803	18.881
2) SA Decachlor...	10.349	8.632	47509055	24375186	21.712	21.069
Target Compounds						
3) L1 AR-1016-1	5.601	0.000	45792	0	0.486	N.D. #
4) L1 AR-1016-2	5.613	0.000	45276	0	0.338	N.D. #
5) L1 AR-1016-3	5.677	0.000	66623	0	0.766	N.D. #
6) L1 AR-1016-4	5.716f	0.000	78641	0	1.171	N.D. #
7) L1 AR-1016-5	6.073	5.219f	49269	252760	0.706	6.574 #
8) L2 AR-1221-1	4.599	0.000	362203	0	8.887	N.D. #
9) L2 AR-1221-2	4.725	3.916	1408981	400430	46.379	30.991 #
10) L2 AR-1221-3	4.769	3.962	42856	191071	0.490	4.814 #
11) L3 AR-1232-1	4.769	3.962	42856	191071	0.588	5.907 #
12) L3 AR-1232-2	5.323	0.000	102491	0	2.585	N.D. #
13) L3 AR-1232-3	5.613	0.000	45276	0	0.740	N.D. #
14) L3 AR-1232-4	5.716f	0.000	78641	0	2.577	N.D. #
15) L3 AR-1232-5	5.888	5.219f	38770	252760	1.385	15.462 #
16) L4 AR-1242-1	5.601	0.000	45792	0	0.546	N.D. #
17) L4 AR-1242-2	5.613	0.000	45276	0	0.384	N.D. #
18) L4 AR-1242-3	5.677	0.000	66623	0	0.902	N.D. #
19) L4 AR-1242-4	5.716f	0.000	78641	0	1.321	N.D. #
20) L4 AR-1242-5	6.522	0.000	28200	0	0.513	N.D. #
21) L5 AR-1248-1	5.601	0.000	45792	0	0.782	N.D. #
22) L5 AR-1248-2	5.888	0.000	38770	0	0.412	N.D. #
23) L5 AR-1248-3	6.073	0.000	49269	0	0.504	N.D. #
24) L5 AR-1248-4	6.492	5.219f	25444	252760	0.280	4.951 #
25) L5 AR-1248-5	6.522	5.587	28200	921360	0.320	19.707 #
27) L6 AR-1254-2	6.677	5.600f	40451	551214	0.251	8.367 #
28) L6 AR-1254-3	7.077	0.000	1340007	0	8.552	N.D. #
29) L6 AR-1254-4	7.344	6.363f	88183	626010	0.875	10.817 #
30) L6 AR-1254-5	7.798	0.000	764895	0	6.816	N.D. #
31) L7 AR-1260-1	7.261	0.000	711952	0	5.664	N.D. #
32) L7 AR-1260-2	7.493	6.363	38598	626010	0.286	7.500 #
33) L7 AR-1260-3	7.896	0.000	862839	0	8.315	N.D. #
34) L7 AR-1260-4	8.078	7.009	102755	18880	0.919	0.295 #
35) L7 AR-1260-5	8.415	7.244	121095	48024	0.577	0.346 #
36) L8 AR-1262-1	7.896	6.872f	862839	243169	5.809	6.177
37) L8 AR-1262-2	8.415	7.009	121095	18880	0.523	0.233 #
38) L8 AR-1262-3	8.783	7.546	891417	82888	5.344	1.292 #
39) L8 AR-1262-4	8.855	7.594	123810	140152	1.698	1.234 #
40) L8 AR-1262-5	9.541	0.000	67685	0	0.813	N.D. #
41) L9 AR-1268-1	8.783	7.546	891417	82888	2.900	0.447 #
42) L9 AR-1268-2	8.855	7.594	123810	140152	0.452	0.836 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Response via : Initial Calibration
 Integrator: ChemStation

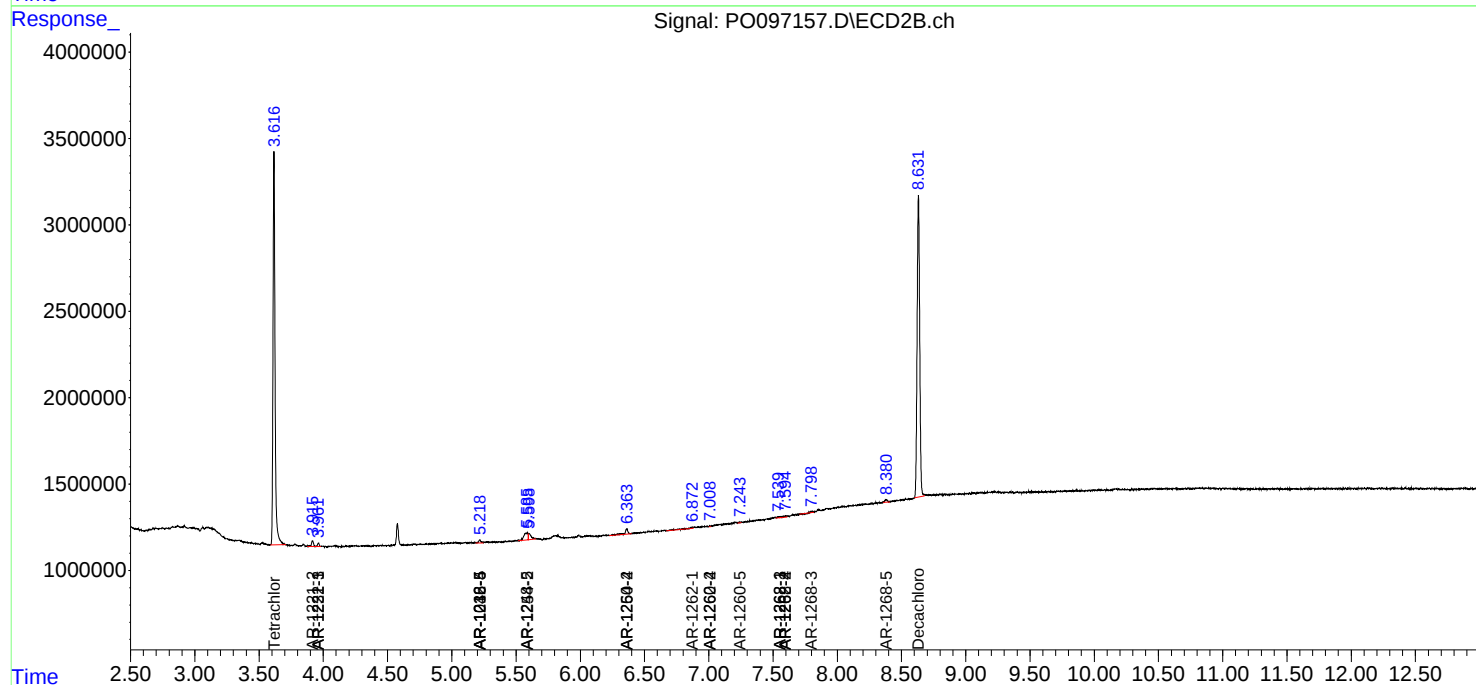
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

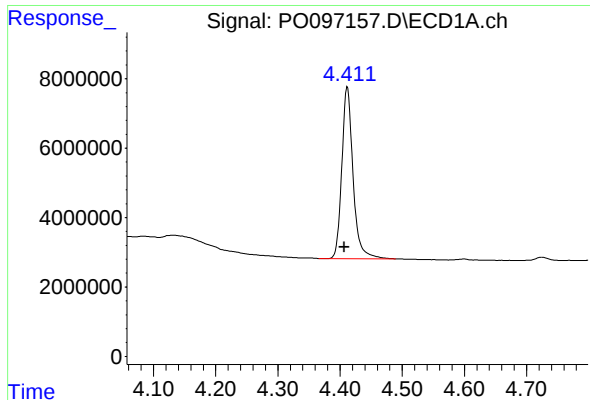
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.091	7.799	392760	27384	1.538	0.190 #
44) L9	AR-1268-4	9.541	0.000	67685	0	0.730	N.D. #
45) L9	AR-1268-5	9.996	8.381	315552	230914	0.391	0.555 #

(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

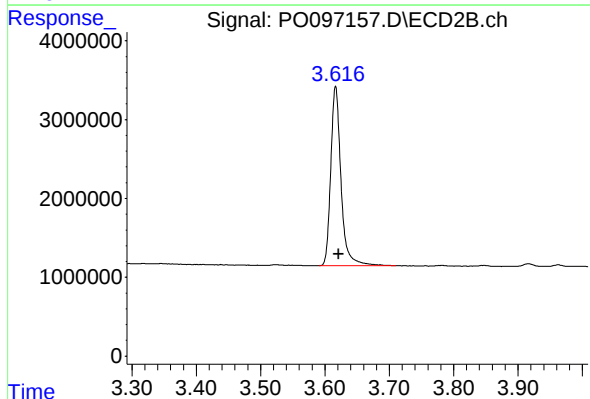




#1 Tetrachloro-m-xylene

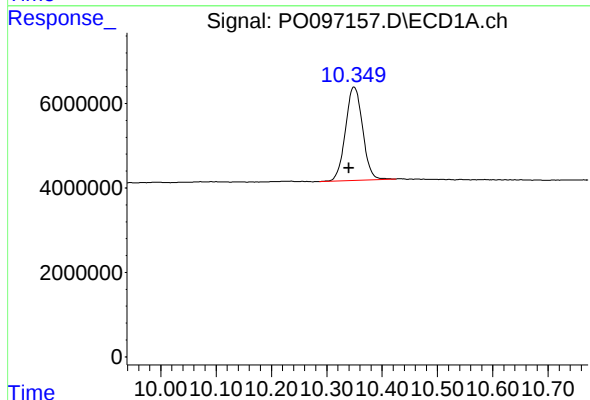
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 62242961
Conc: 18.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



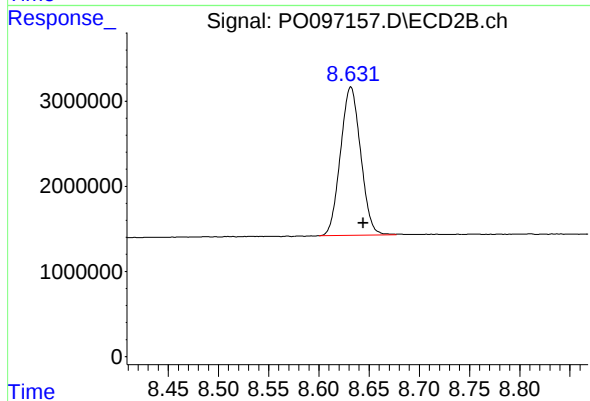
#1 Tetrachloro-m-xylene

R.T.: 3.617 min
Delta R.T.: -0.004 min
Response: 24995039
Conc: 18.88 ng/ml



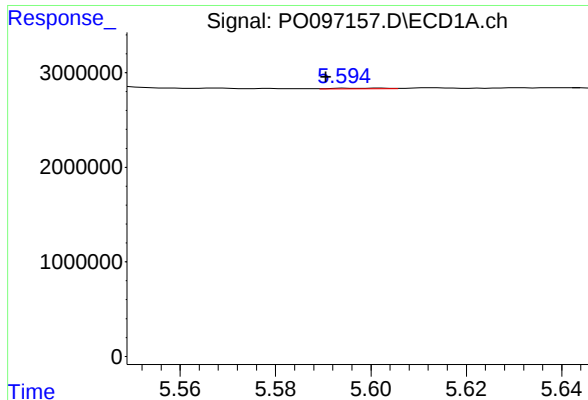
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.010 min
Response: 47509055
Conc: 21.71 ng/ml



#2 Decachlorobiphenyl

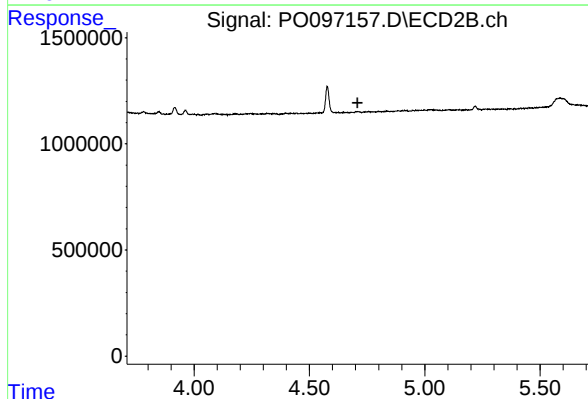
R.T.: 8.632 min
Delta R.T.: -0.012 min
Response: 24375186
Conc: 21.07 ng/ml



#3 AR-1016-1

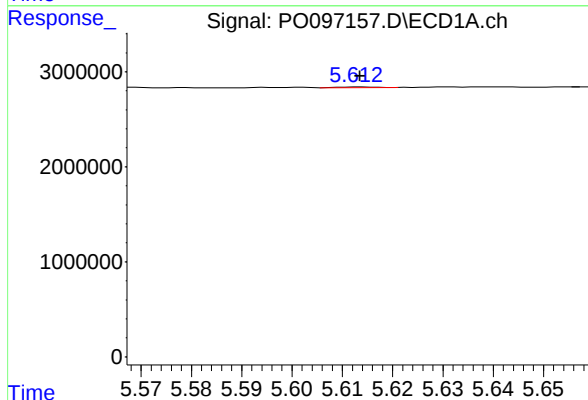
R.T.: 5.601 min
Delta R.T.: 0.011 min
Response: 45792
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



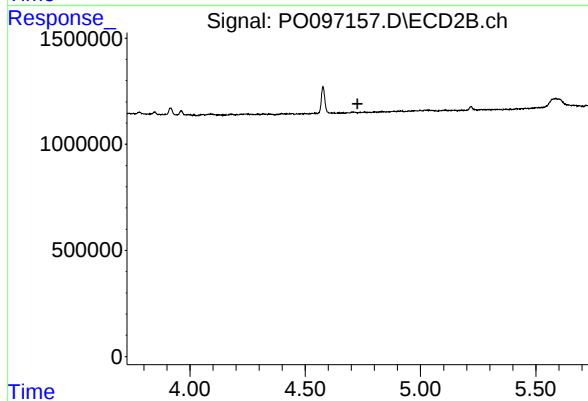
#3 AR-1016-1

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



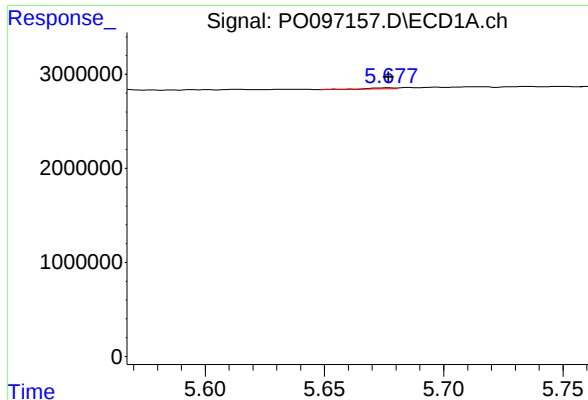
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 45276
Conc: 0.34 ng/ml



#4 AR-1016-2

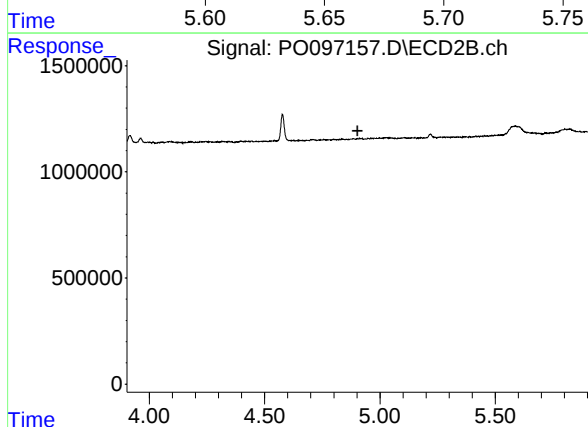
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

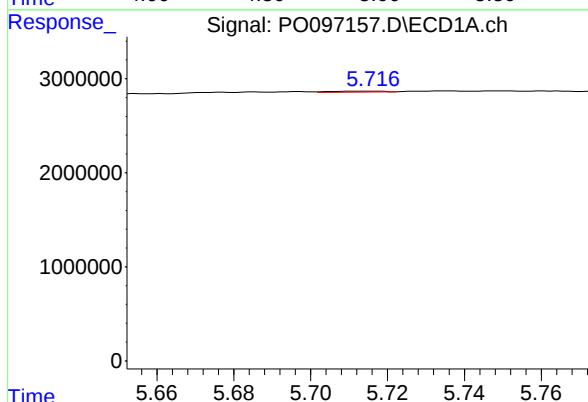
R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 66623
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



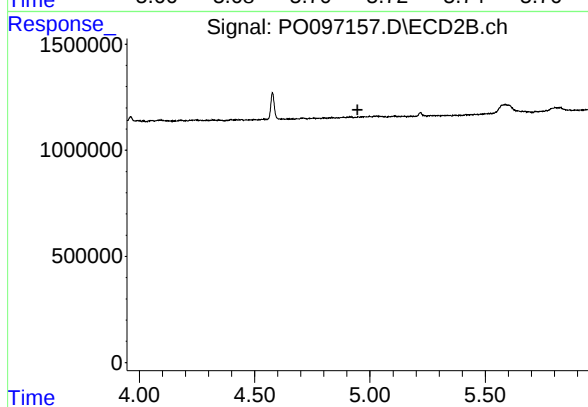
#5 AR-1016-3

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



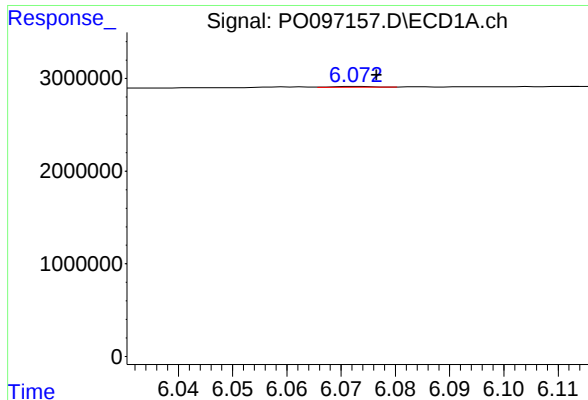
#6 AR-1016-4

R.T.: 5.716 min
Delta R.T.: -0.060 min
Response: 78641
Conc: 1.17 ng/ml



#6 AR-1016-4

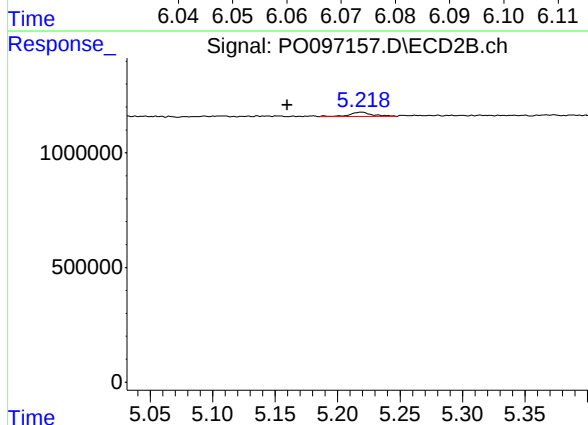
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#7 AR-1016-5

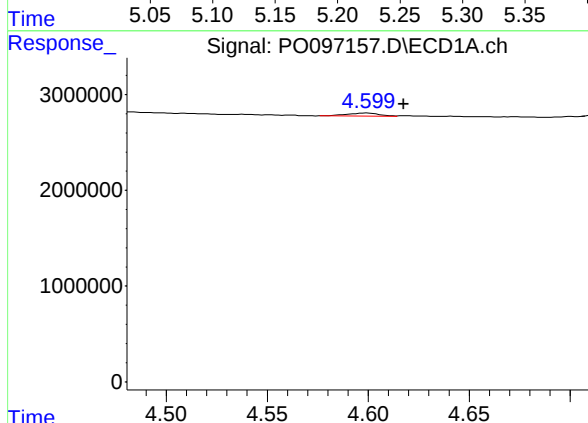
R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 49269
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



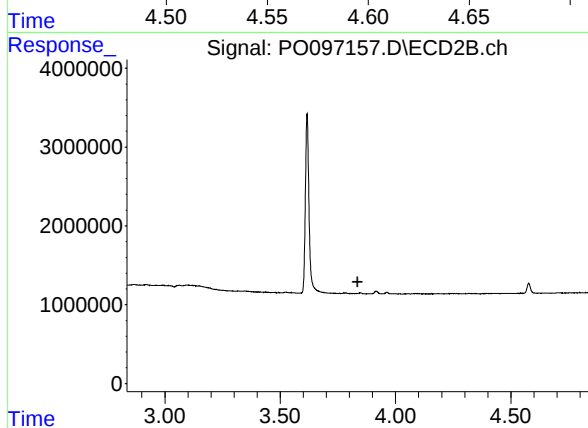
#7 AR-1016-5

R.T.: 5.219 min
Delta R.T.: 0.060 min
Response: 252760
Conc: 6.57 ng/ml



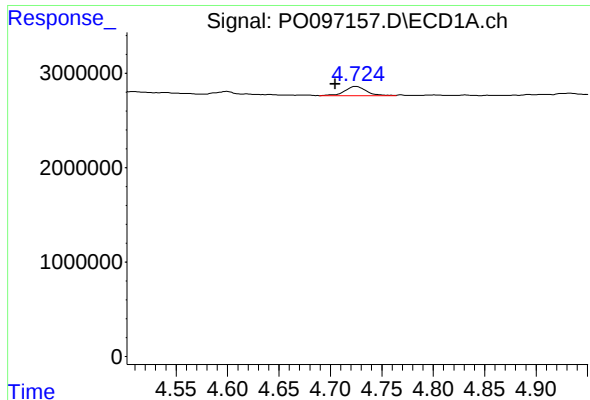
#8 AR-1221-1

R.T.: 4.599 min
Delta R.T.: -0.018 min
Response: 362203
Conc: 8.89 ng/ml



#8 AR-1221-1

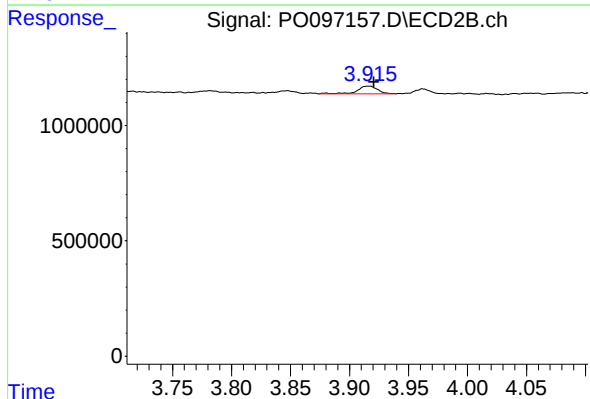
R.T.: 0.000 min
Exp R.T.: 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

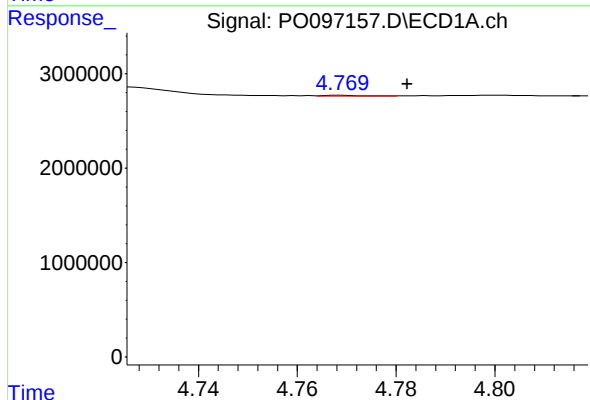
R.T.: 4.725 min
Delta R.T.: 0.020 min
Response: 1408981
Conc: 46.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



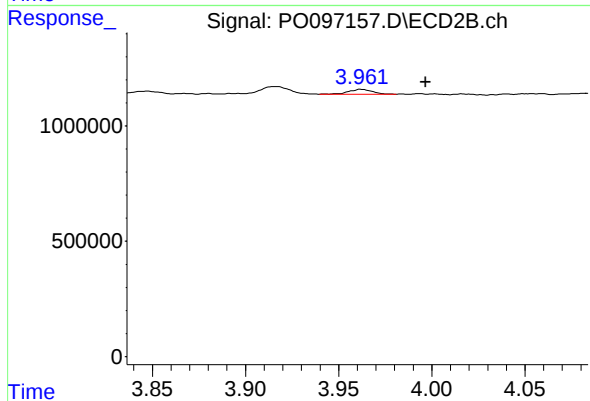
#9 AR-1221-2

R.T.: 3.916 min
Delta R.T.: -0.005 min
Response: 400430
Conc: 30.99 ng/ml



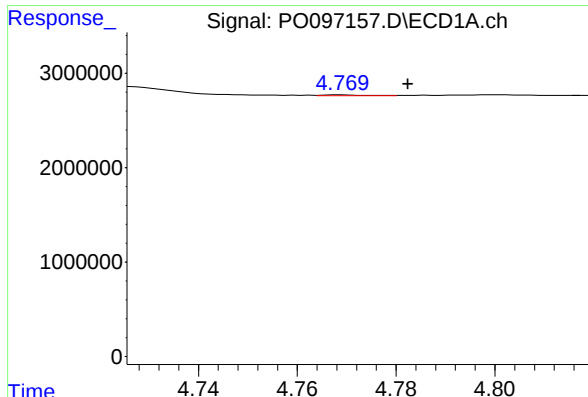
#10 AR-1221-3

R.T.: 4.769 min
Delta R.T.: -0.013 min
Response: 42856
Conc: 0.49 ng/ml



#10 AR-1221-3

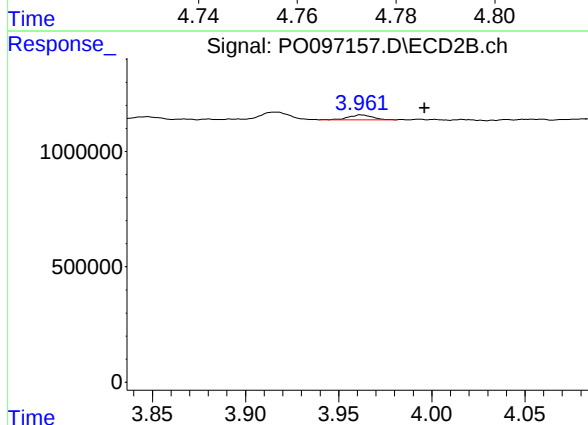
R.T.: 3.962 min
Delta R.T.: -0.034 min
Response: 191071
Conc: 4.81 ng/ml



#11 AR-1232-1

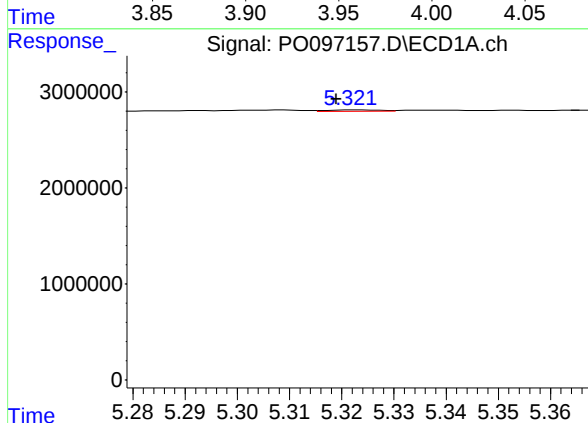
R.T.: 4.769 min
Delta R.T.: -0.013 min
Response: 42856
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



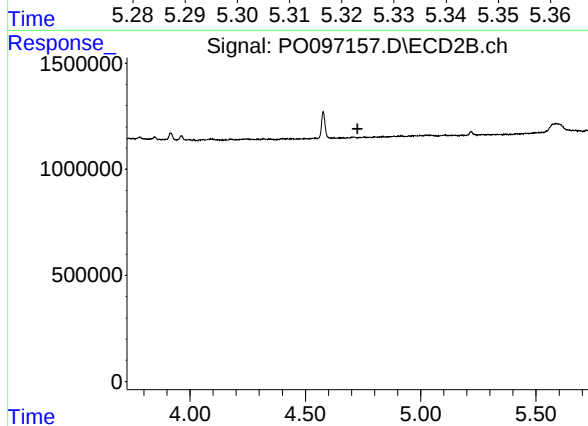
#11 AR-1232-1

R.T.: 3.962 min
Delta R.T.: -0.034 min
Response: 191071
Conc: 5.91 ng/ml



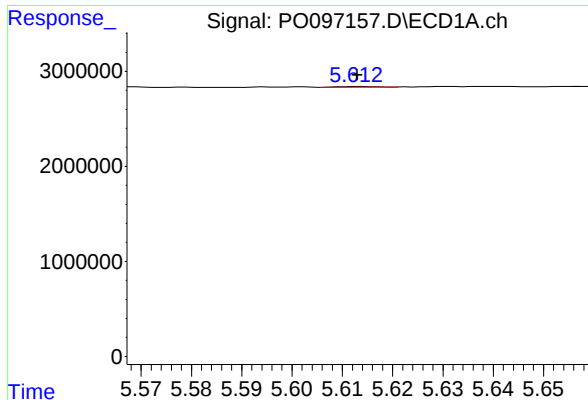
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 102491
Conc: 2.59 ng/ml



#12 AR-1232-2

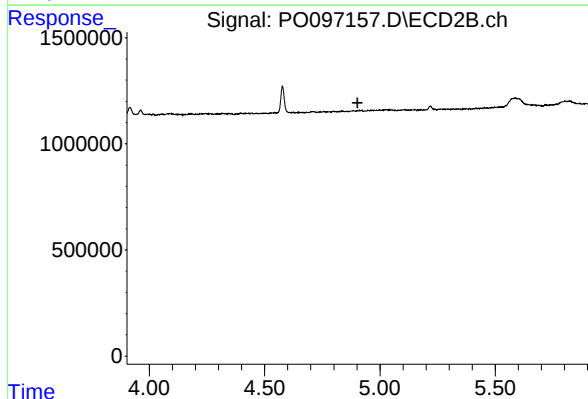
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

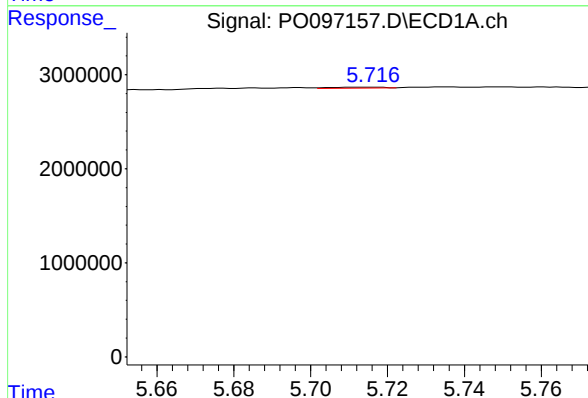
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 45276
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



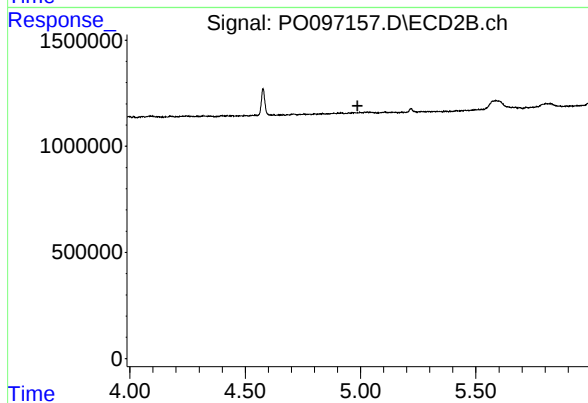
#13 AR-1232-3

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



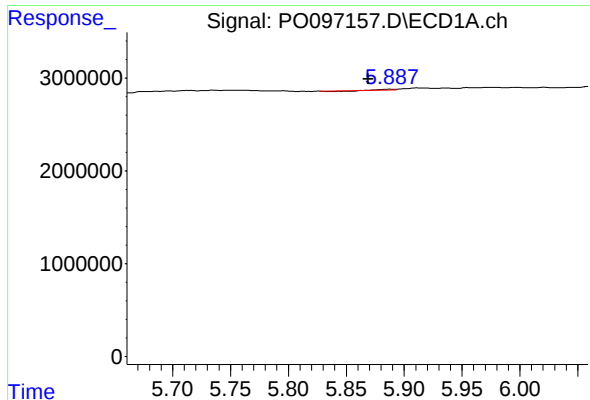
#14 AR-1232-4

R.T.: 5.716 min
Delta R.T.: -0.060 min
Response: 78641
Conc: 2.58 ng/ml



#14 AR-1232-4

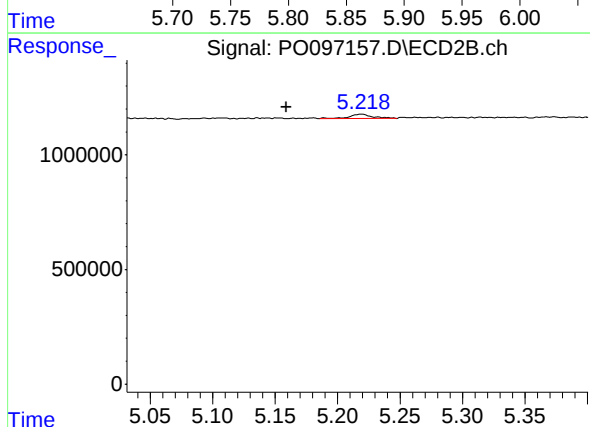
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

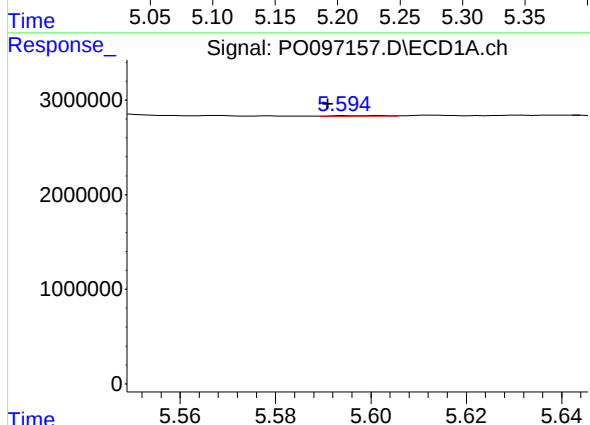
R.T.: 5.888 min
Delta R.T.: 0.019 min
Response: 38770
Conc: 1.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



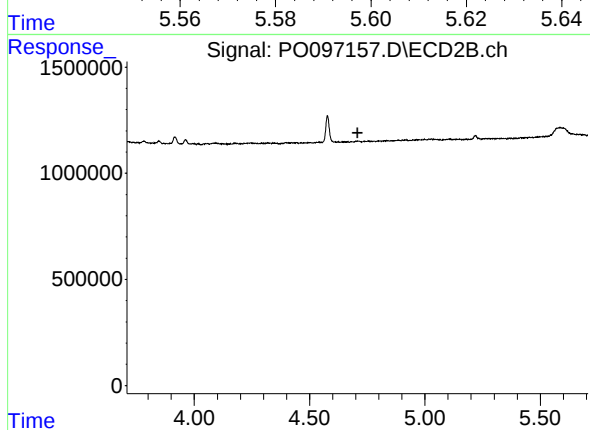
#15 AR-1232-5

R.T.: 5.219 min
Delta R.T.: 0.060 min
Response: 252760
Conc: 15.46 ng/ml



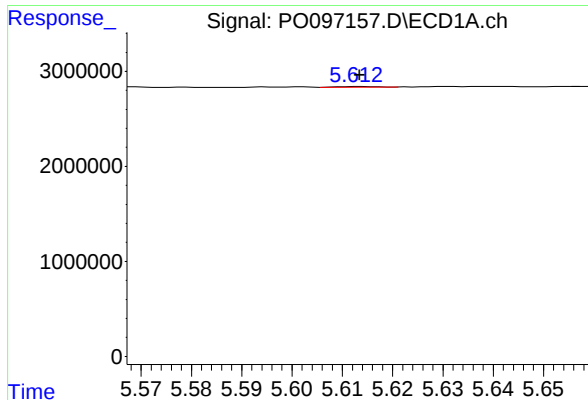
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: 0.010 min
Response: 45792
Conc: 0.55 ng/ml



#16 AR-1242-1

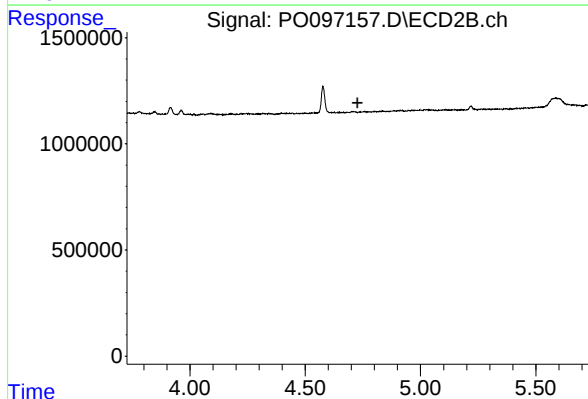
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

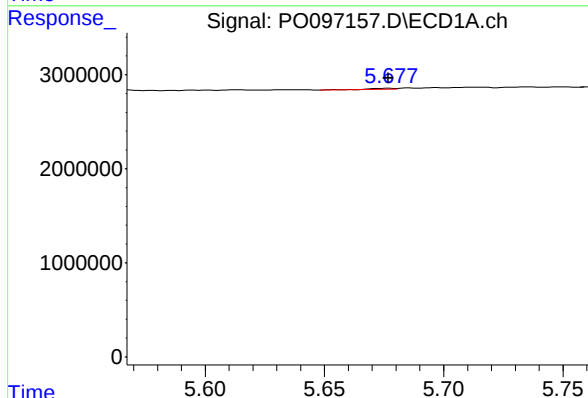
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 45276
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



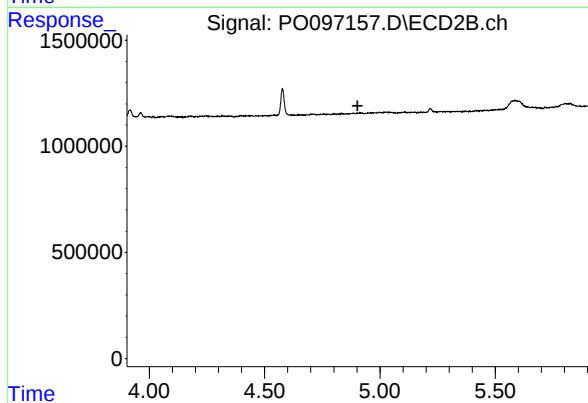
#17 AR-1242-2

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



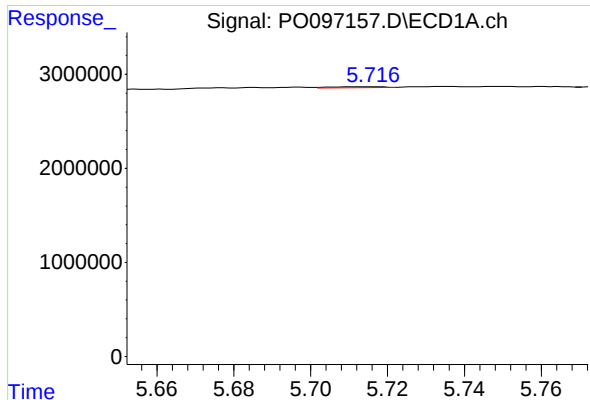
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 66623
Conc: 0.90 ng/ml



#18 AR-1242-3

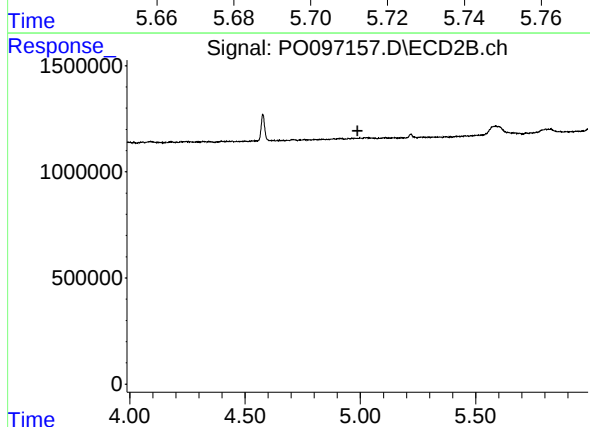
R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



#19 AR-1242-4

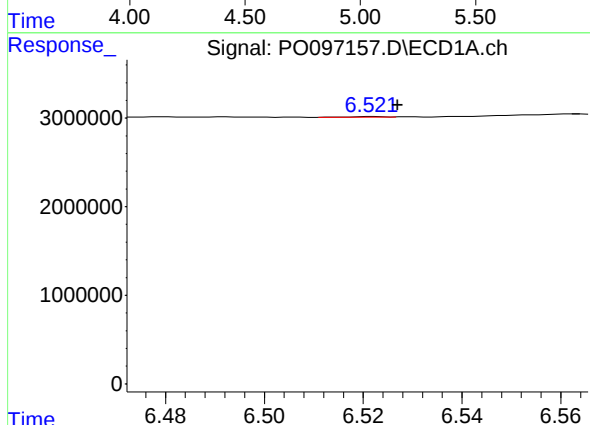
R.T.: 5.716 min
Delta R.T.: -0.061 min
Response: 78641
Conc: 1.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



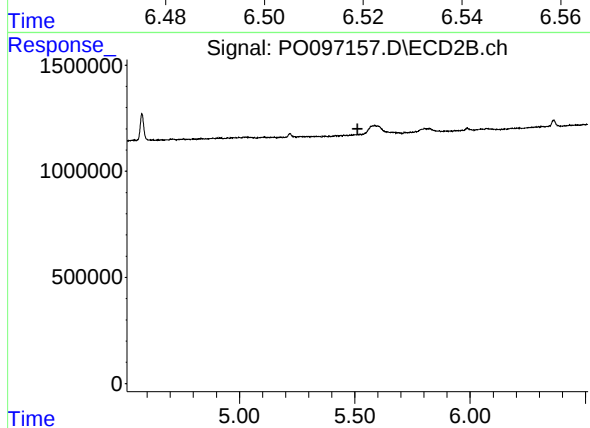
#19 AR-1242-4

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



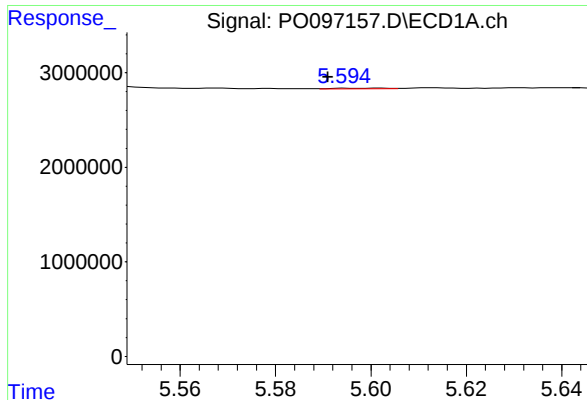
#20 AR-1242-5

R.T.: 6.522 min
Delta R.T.: -0.005 min
Response: 28200
Conc: 0.51 ng/ml



#20 AR-1242-5

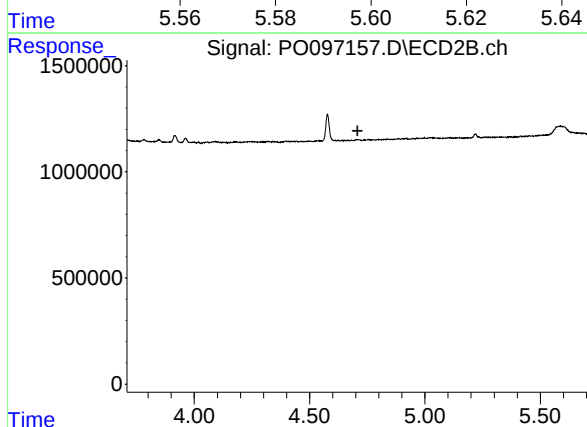
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

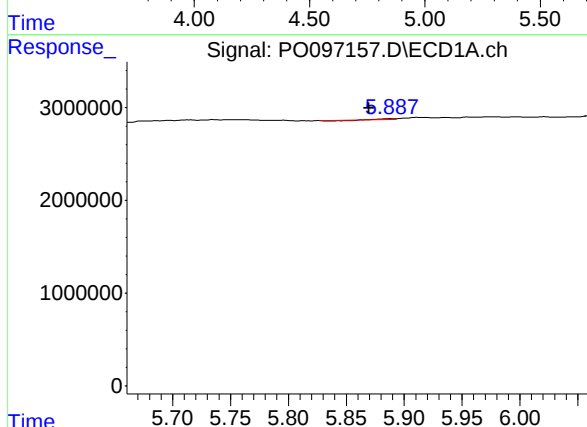
R.T.: 5.601 min
Delta R.T.: 0.010 min
Response: 45792
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



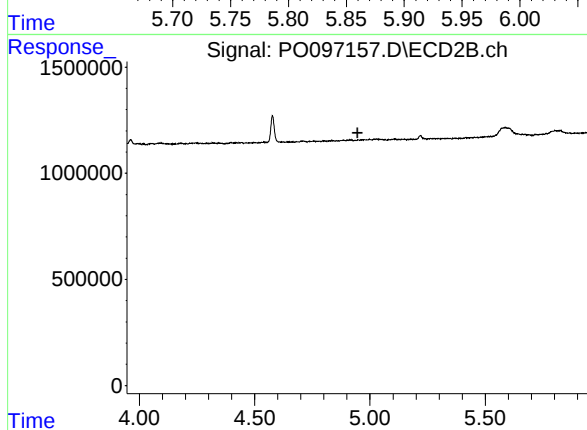
#21 AR-1248-1

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



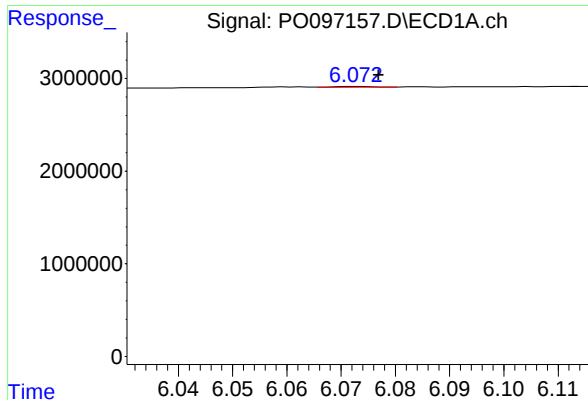
#22 AR-1248-2

R.T.: 5.888 min
Delta R.T.: 0.018 min
Response: 38770
Conc: 0.41 ng/ml



#22 AR-1248-2

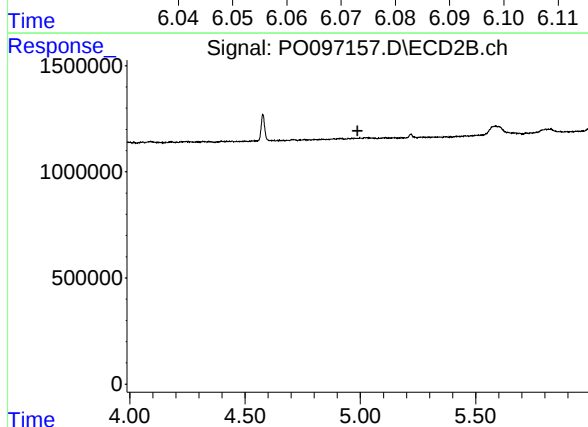
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#23 AR-1248-3

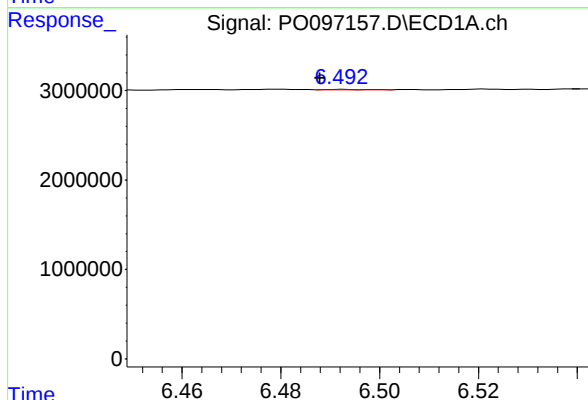
R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 49269
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



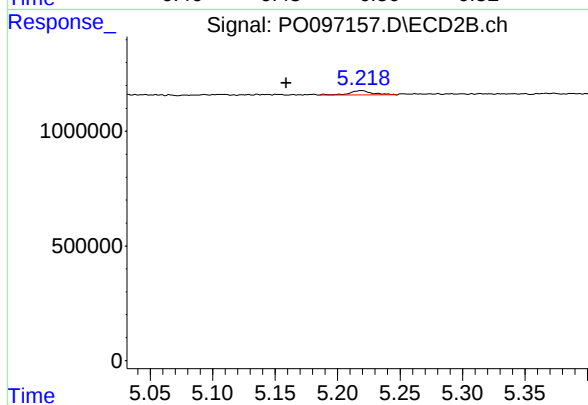
#23 AR-1248-3

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



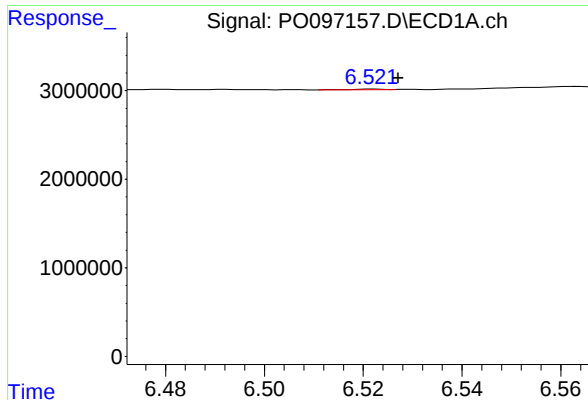
#24 AR-1248-4

R.T.: 6.492 min
Delta R.T.: 0.004 min
Response: 25444
Conc: 0.28 ng/ml



#24 AR-1248-4

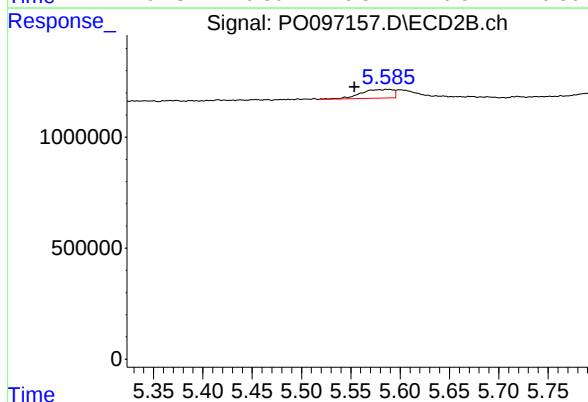
R.T.: 5.219 min
Delta R.T.: 0.060 min
Response: 252760
Conc: 4.95 ng/ml



#25 AR-1248-5

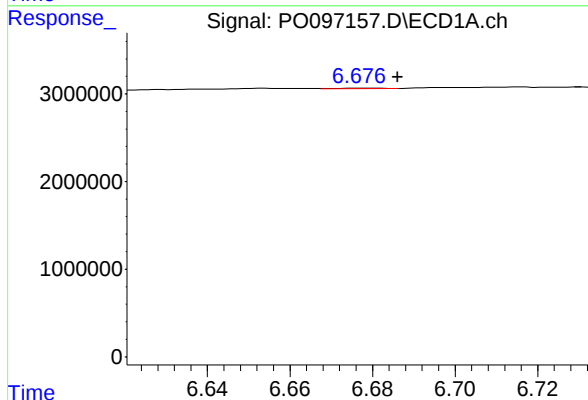
R.T.: 6.522 min
Delta R.T.: -0.005 min
Response: 28200
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



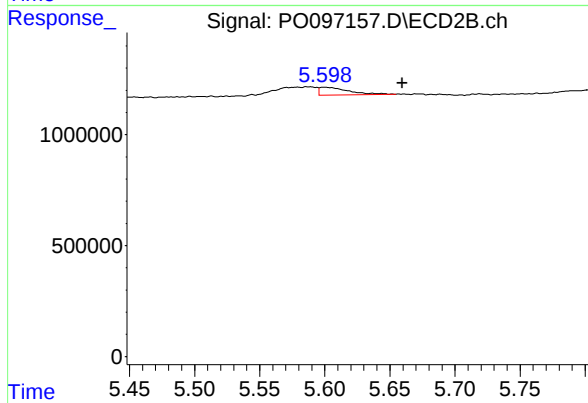
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: 0.033 min
Response: 921360
Conc: 19.71 ng/ml



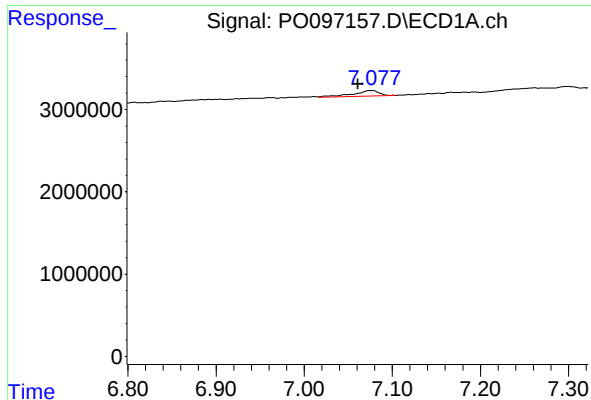
#27 AR-1254-2

R.T.: 6.677 min
Delta R.T.: -0.009 min
Response: 40451
Conc: 0.25 ng/ml



#27 AR-1254-2

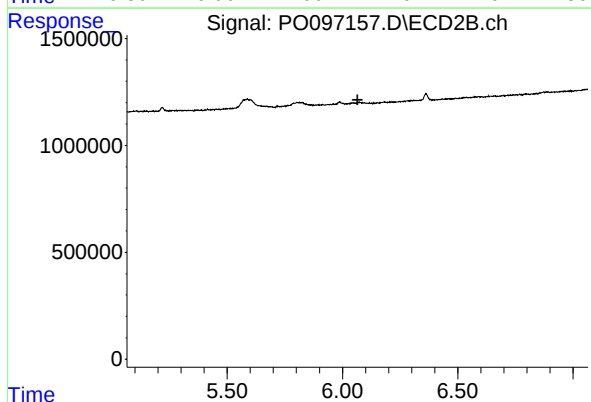
R.T.: 5.600 min
Delta R.T.: -0.060 min
Response: 551214
Conc: 8.37 ng/ml



#28 AR-1254-3

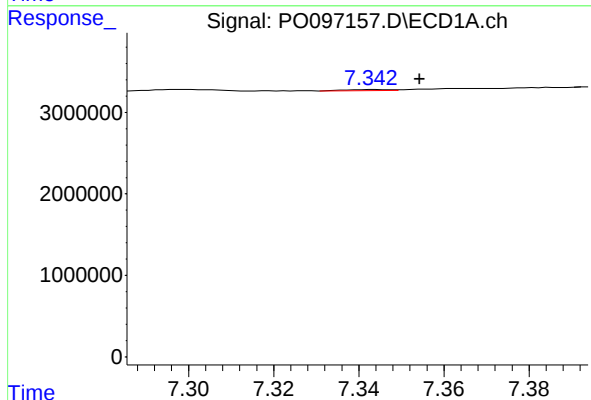
R.T.: 7.077 min
Delta R.T.: 0.015 min
Response: 1340007
Conc: 8.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



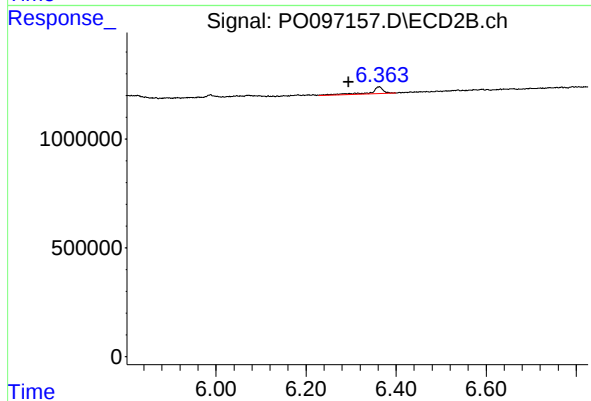
#28 AR-1254-3

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



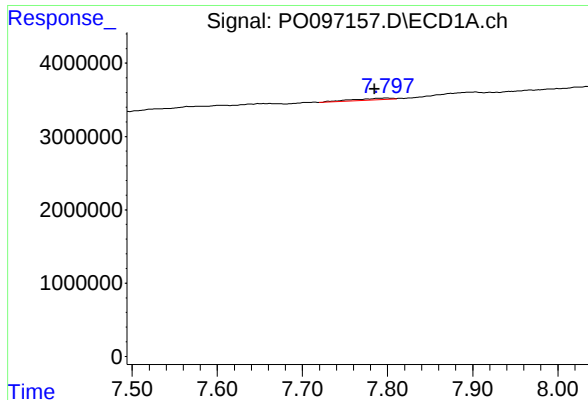
#29 AR-1254-4

R.T.: 7.344 min
Delta R.T.: -0.011 min
Response: 88183
Conc: 0.87 ng/ml



#29 AR-1254-4

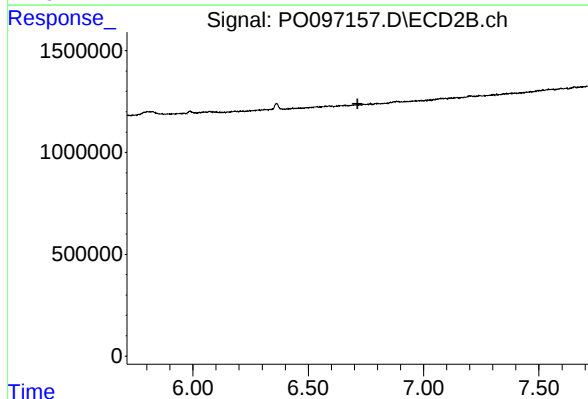
R.T.: 6.363 min
Delta R.T.: 0.069 min
Response: 626010
Conc: 10.82 ng/ml



#30 AR-1254-5

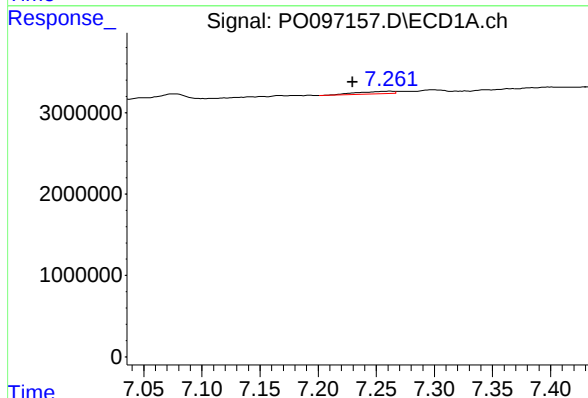
R.T.: 7.798 min
Delta R.T.: 0.013 min
Response: 764895
Conc: 6.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



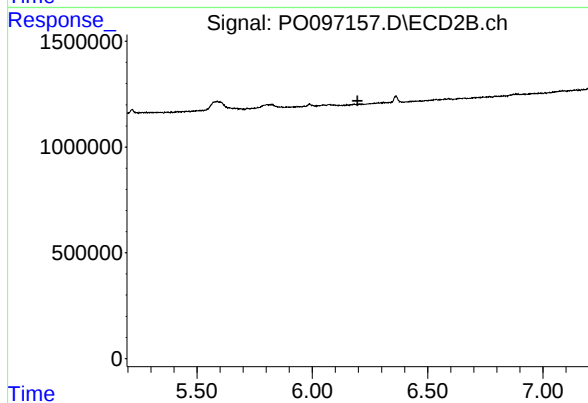
#30 AR-1254-5

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



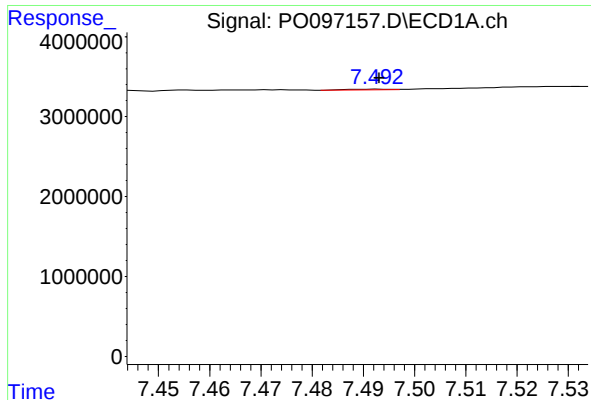
#31 AR-1260-1

R.T.: 7.261 min
Delta R.T.: 0.032 min
Response: 711952
Conc: 5.66 ng/ml



#31 AR-1260-1

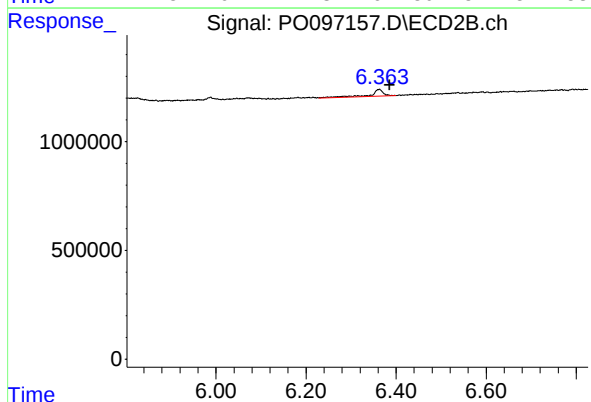
R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#32 AR-1260-2

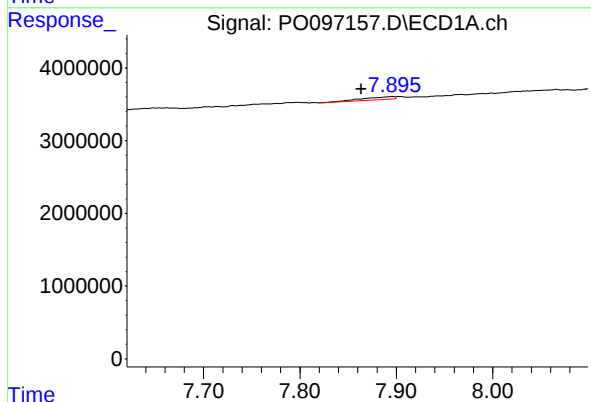
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 38598
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



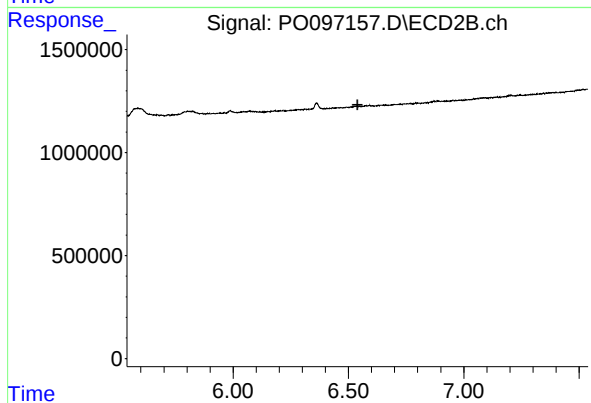
#32 AR-1260-2

R.T.: 6.363 min
Delta R.T.: -0.023 min
Response: 626010
Conc: 7.50 ng/ml



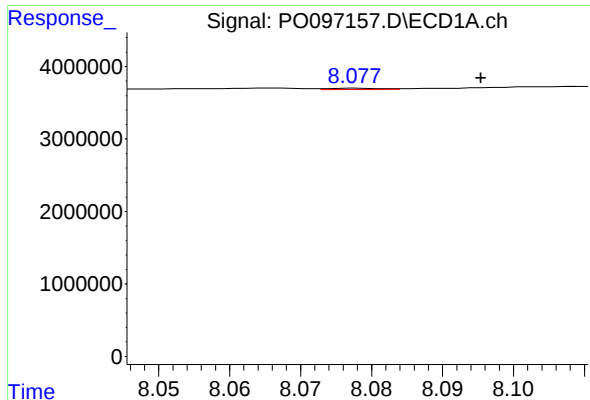
#33 AR-1260-3

R.T.: 7.896 min
Delta R.T.: 0.032 min
Response: 862839
Conc: 8.31 ng/ml



#33 AR-1260-3

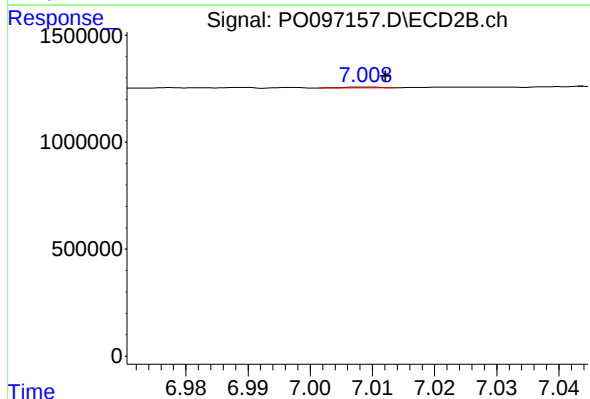
R.T.: 0.000 min
Exp R.T. : 6.539 min
Response: 0
Conc: N.D.



#34 AR-1260-4

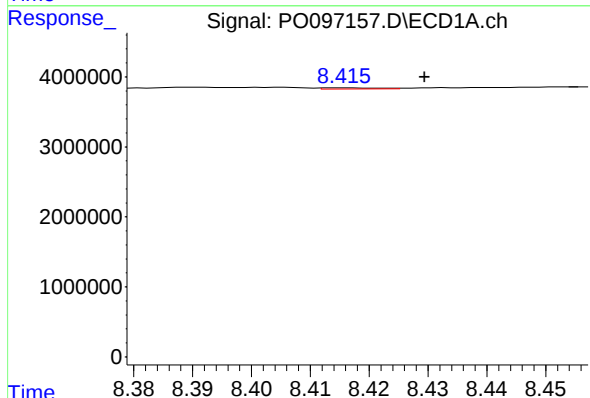
R.T.: 8.078 min
Delta R.T.: -0.017 min
Response: 102755
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



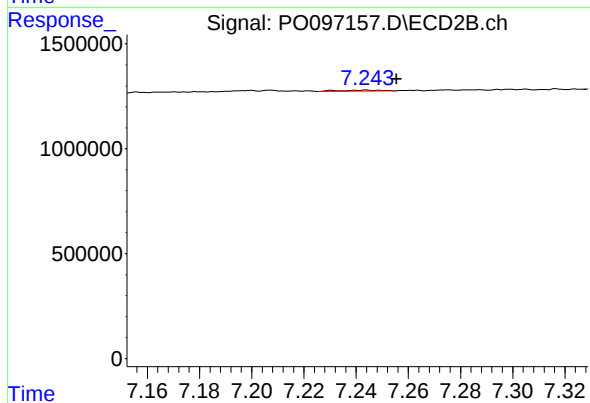
#34 AR-1260-4

R.T.: 7.009 min
Delta R.T.: -0.003 min
Response: 18880
Conc: 0.29 ng/ml



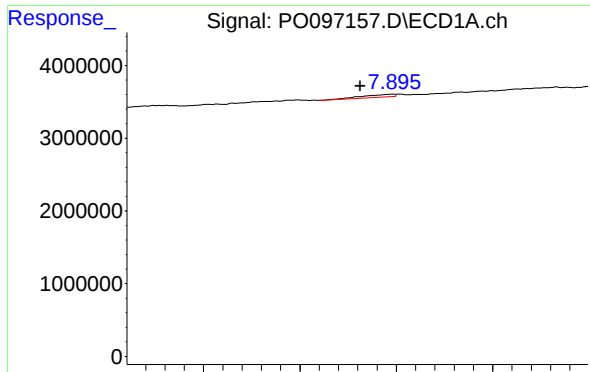
#35 AR-1260-5

R.T.: 8.415 min
Delta R.T.: -0.014 min
Response: 121095
Conc: 0.58 ng/ml



#35 AR-1260-5

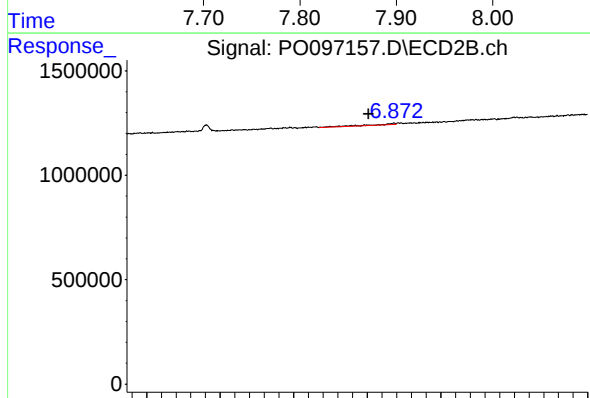
R.T.: 7.244 min
Delta R.T.: -0.012 min
Response: 48024
Conc: 0.35 ng/ml



#36 AR-1262-1

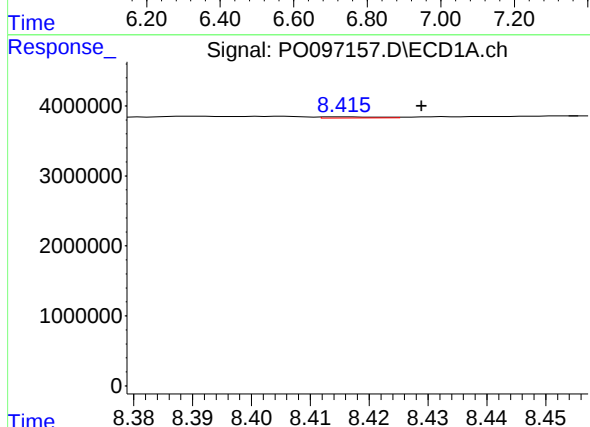
R.T.: 7.896 min
Delta R.T.: 0.033 min
Response: 862839
Conc: 5.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



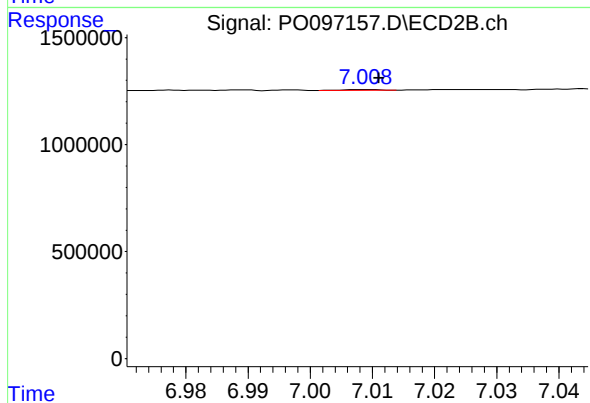
#36 AR-1262-1

R.T.: 6.872 min
Delta R.T.: 0.068 min
Response: 243169
Conc: 6.18 ng/ml



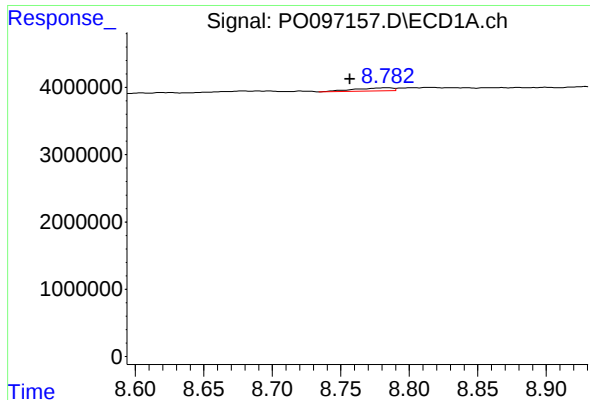
#37 AR-1262-2

R.T.: 8.415 min
Delta R.T.: -0.014 min
Response: 121095
Conc: 0.52 ng/ml



#37 AR-1262-2

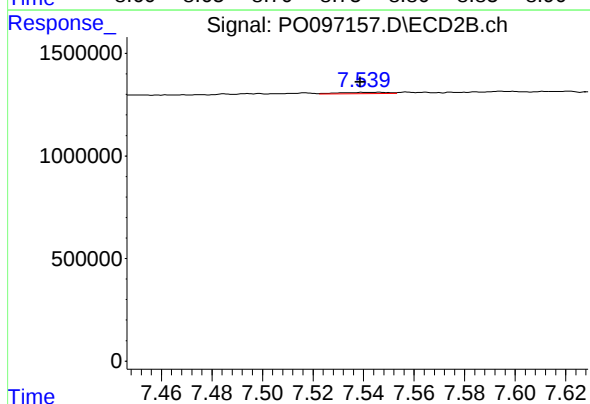
R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 18880
Conc: 0.23 ng/ml



#38 AR-1262-3

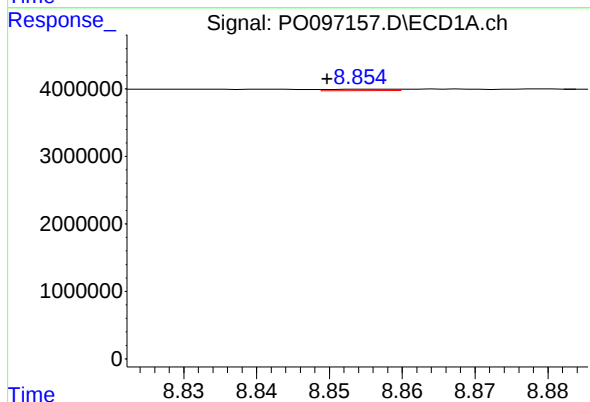
R.T.: 8.783 min
Delta R.T.: 0.026 min
Response: 891417
Conc: 5.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



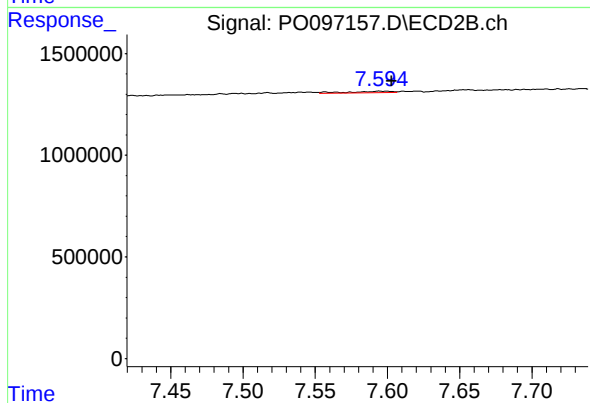
#38 AR-1262-3

R.T.: 7.546 min
Delta R.T.: 0.007 min
Response: 82888
Conc: 1.29 ng/ml



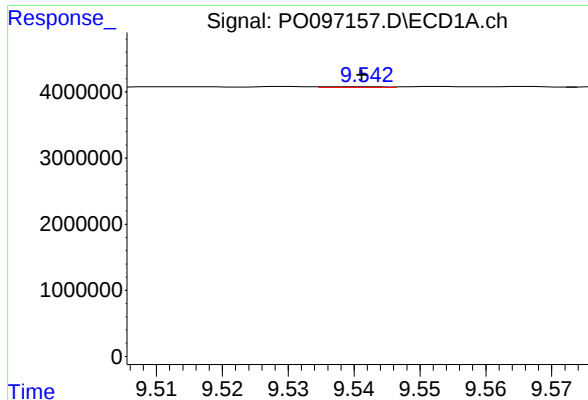
#39 AR-1262-4

R.T.: 8.855 min
Delta R.T.: 0.006 min
Response: 123810
Conc: 1.70 ng/ml



#39 AR-1262-4

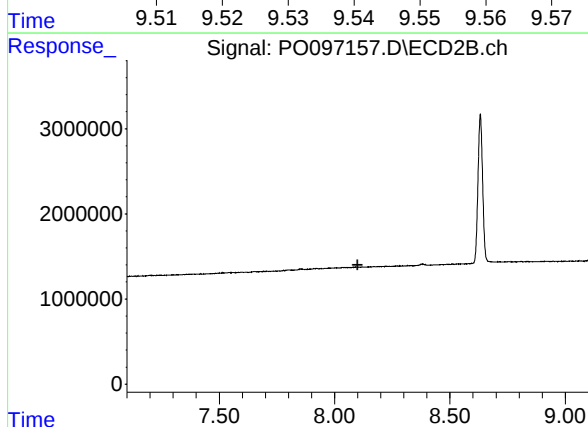
R.T.: 7.594 min
Delta R.T.: -0.009 min
Response: 140152
Conc: 1.23 ng/ml



#40 AR-1262-5

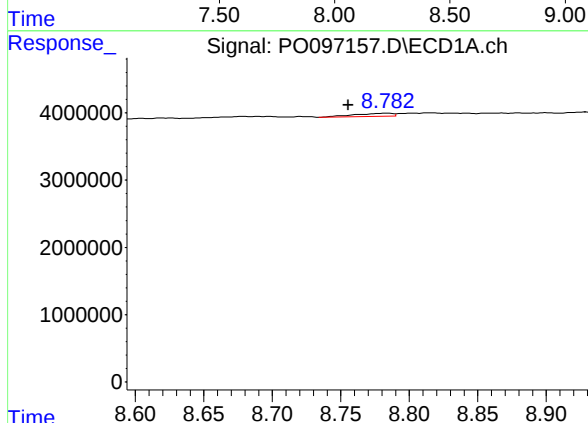
R.T.: 9.541 min
Delta R.T.: 0.000 min
Response: 67685
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



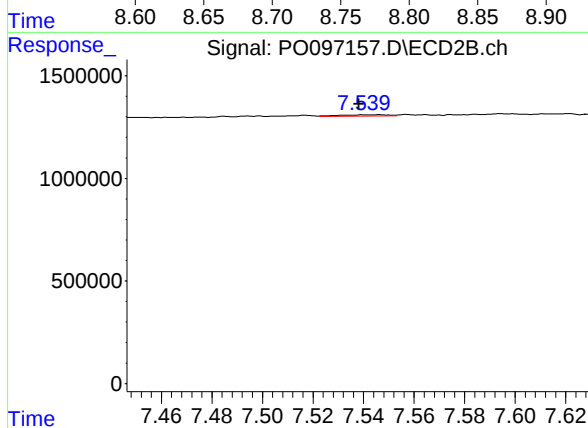
#40 AR-1262-5

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



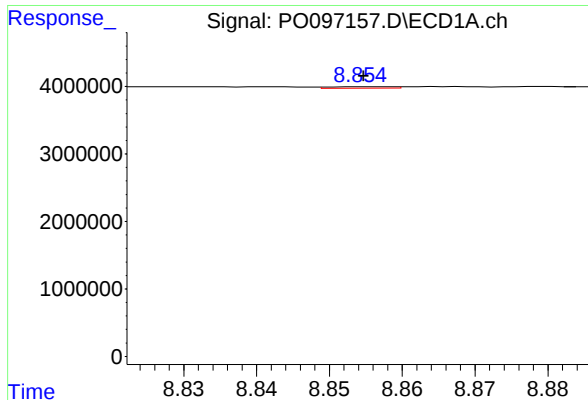
#41 AR-1268-1

R.T.: 8.783 min
Delta R.T.: 0.028 min
Response: 891417
Conc: 2.90 ng/ml



#41 AR-1268-1

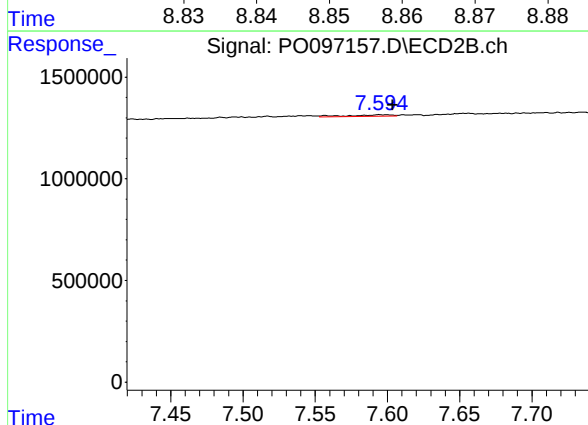
R.T.: 7.546 min
Delta R.T.: 0.008 min
Response: 82888
Conc: 0.45 ng/ml



#42 AR-1268-2

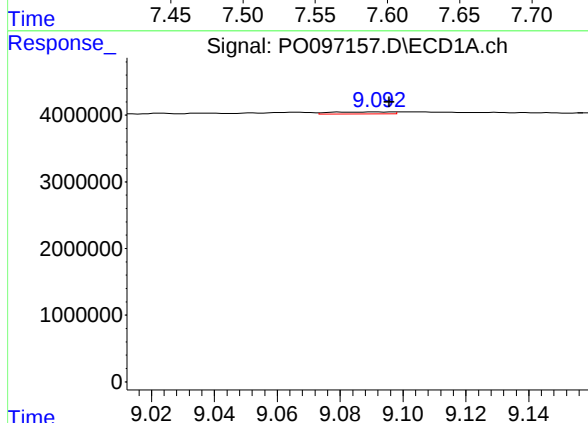
R.T.: 8.855 min
Delta R.T.: 0.000 min
Response: 123810
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



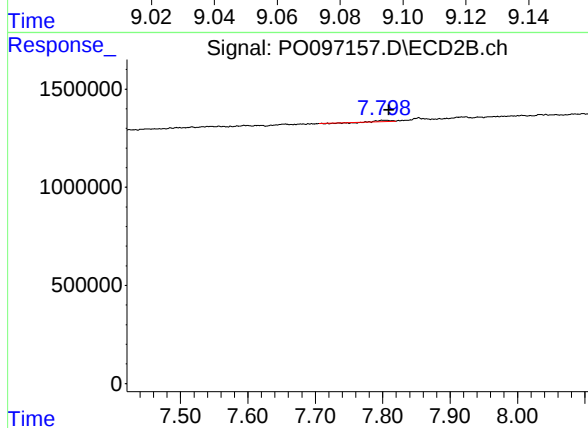
#42 AR-1268-2

R.T.: 7.594 min
Delta R.T.: -0.009 min
Response: 140152
Conc: 0.84 ng/ml



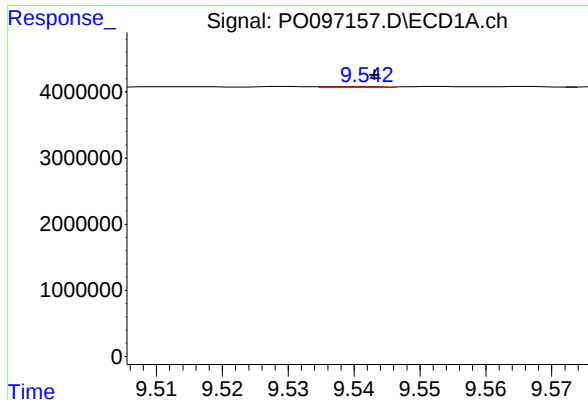
#43 AR-1268-3

R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 392760
Conc: 1.54 ng/ml



#43 AR-1268-3

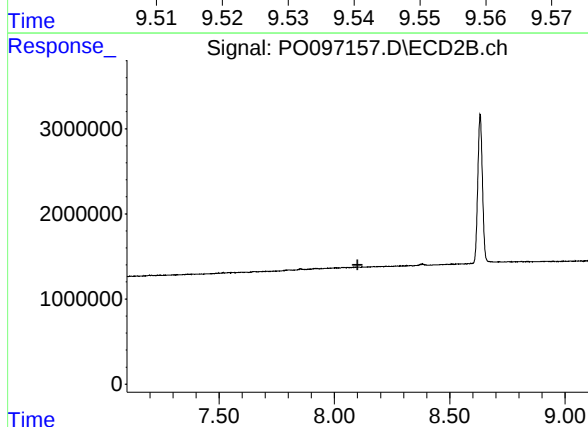
R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 27384
Conc: 0.19 ng/ml



#44 AR-1268-4

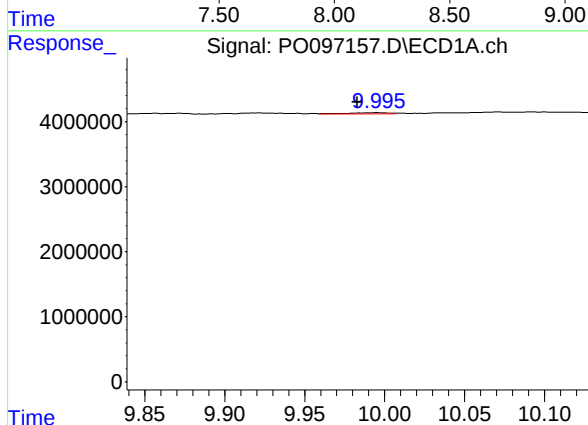
R.T.: 9.541 min
Delta R.T.: -0.002 min
Response: 67685
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



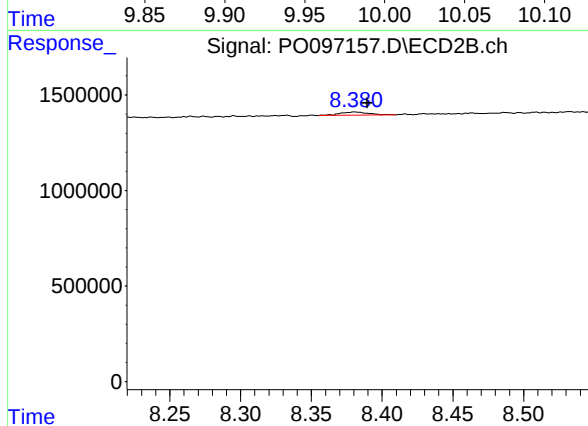
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.996 min
Delta R.T.: 0.013 min
Response: 315552
Conc: 0.39 ng/ml



#45 AR-1268-5

R.T.: 8.381 min
Delta R.T.: -0.009 min
Response: 230914
Conc: 0.56 ng/ml