

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 03:21
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 05:01:41 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...	4.408	3.612	64333102	25206730	19.435	19.041
2) SA Decachlor...	10.343	8.624	47049596	22303177	21.502	19.278
Target Compounds						
3) L1 AR-1016-1	5.583	0.000	56680	0	0.602	N.D. #
4) L1 AR-1016-2	5.610	0.000	30572	0	0.229	N.D. #
5) L1 AR-1016-3	5.680	4.948f	44123	118544	0.507	3.629 #
6) L1 AR-1016-4	5.791	4.948	39271	118544	0.585	4.147 #
7) L1 AR-1016-5	6.077	5.213f	7040	3062826	0.101	79.665 #
8) L2 AR-1221-1	4.634	3.843	21855	160101	0.536	9.224 #
9) L2 AR-1221-2	4.721	3.911	1366627	405837	44.985	31.410 #
10) L2 AR-1221-3	4.788	3.957f	57581	223795	0.658	5.638 #
11) L3 AR-1232-1	4.788	3.957f	57581	223795	0.789	6.919 #
12) L3 AR-1232-2	5.330	0.000	78099	0	1.970	N.D. #
13) L3 AR-1232-3	5.610	4.948f	30572	118544	0.500	7.819 #
14) L3 AR-1232-4	5.791	4.948f	39271	118544	1.287	7.932 #
15) L3 AR-1232-5	5.857	5.213f	52202	3062826	1.865	187.366 #
16) L4 AR-1242-1	5.583	0.000	56680	0	0.676	N.D. #
17) L4 AR-1242-2	5.610	0.000	30572	0	0.260	N.D. #
18) L4 AR-1242-3	5.680	4.948f	44123	118544	0.597	4.009 #
19) L4 AR-1242-4	5.791	4.948f	39271	118544	0.660	3.762 #
20) L4 AR-1242-5	6.515	5.574f	151630	6619407	2.756	181.671 #
21) L5 AR-1248-1	5.583	0.000	56680	0	0.967	N.D. #
22) L5 AR-1248-2	5.857	4.948	52202	118544	0.555	2.797 #
23) L5 AR-1248-3	6.077	4.948f	7040	118544	0.072	2.702 #
24) L5 AR-1248-4	6.472	5.213f	-359535	3062826	N.D.	59.997 #
25) L5 AR-1248-5	6.515	5.574	151630	6619407	1.721	141.586 #
26) L6 AR-1254-1	6.472	5.574f	-359535	6619407	N.D.	89.698 #
27) L6 AR-1254-2	6.754f	5.663	4034233	891858	25.022	13.538 #
28) L6 AR-1254-3	7.074	6.075	2941970	796519	18.775	7.881 #
29) L6 AR-1254-4	7.353	6.356f	382810	808320	3.797	13.967 #
30) L6 AR-1254-5	7.793	6.730	4531795	252439	40.385	2.871 #
31) L7 AR-1260-1	7.178f	6.178	120080	65414	0.955	0.930
32) L7 AR-1260-2	7.481	6.408	734956	115712	5.455	1.386 #
33) L7 AR-1260-3	7.880	0.000	614788	0	5.924	N.D. #
34) L7 AR-1260-4	8.101	7.025	1681014	337963	15.035	5.274 #
35) L7 AR-1260-5	8.415	7.250	282819	1871021	1.347	13.496 #
36) L8 AR-1262-1	7.880	6.805	614788	22876	4.139	0.581 #
37) L8 AR-1262-2	8.415	7.025	282819	337963	1.222	4.167 #
38) L8 AR-1262-3	8.779	7.567	633732	32548	3.799	0.507 #
39) L8 AR-1262-4	8.851	7.567f	472958	32548	6.487	0.287 #
40) L8 AR-1262-5	9.532	0.000	227403	0	2.731	N.D. #
41) L9 AR-1268-1	8.732	7.567	-4668	32548	N.D.	0.176 #

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 22 05:01:41 2023
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 Quant Title : GC EXTRACTABLES
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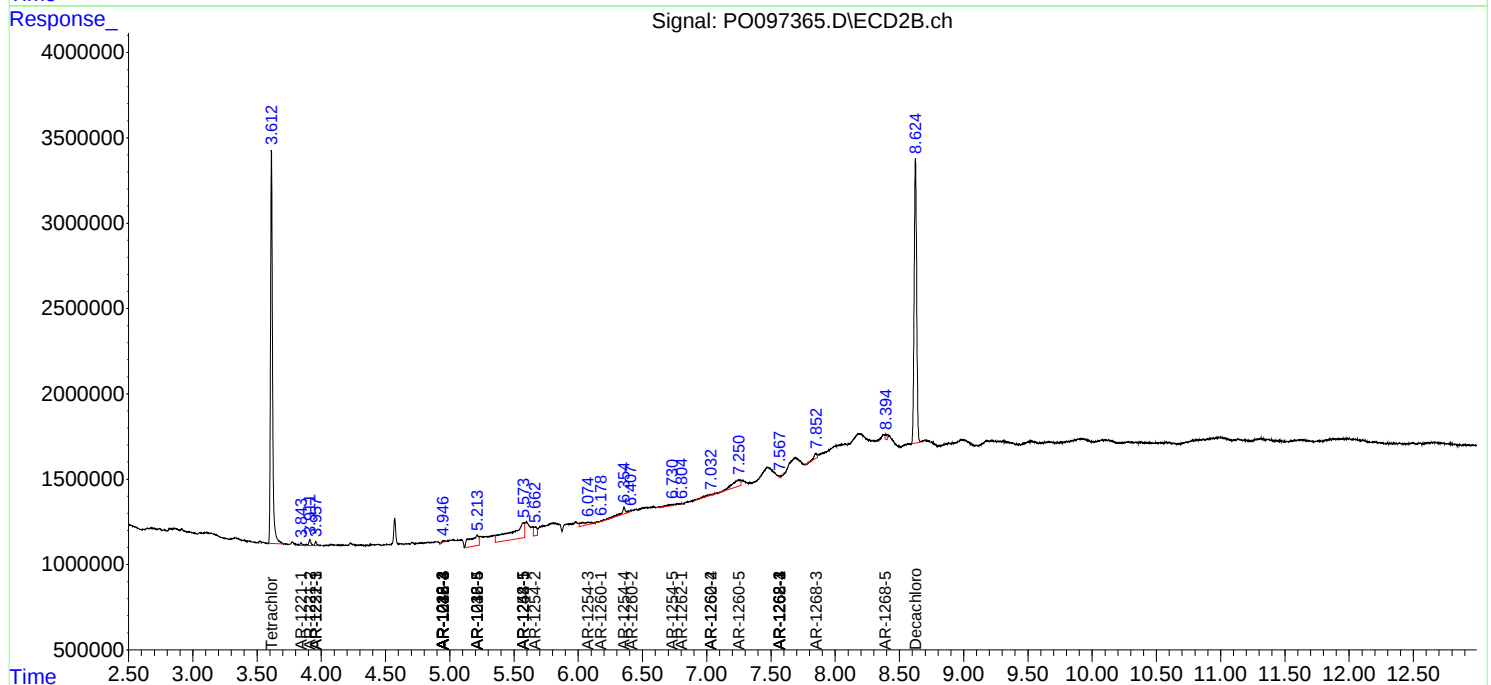
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

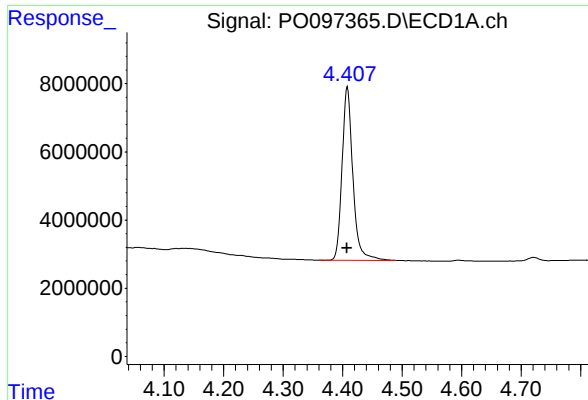
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.851	7.567f	472958	32548	1.725	0.194 #
43) L9	AR-1268-3	9.095	7.848f	776325	492232	3.040	3.407
44) L9	AR-1268-4	9.532	0.000	227403	0	2.453	N.D. #
45) L9	AR-1268-5	9.973	8.393	298208	287191	0.369	0.690 #

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

Instrument :
ECD_O
ClientSampleId :
I.BLK

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

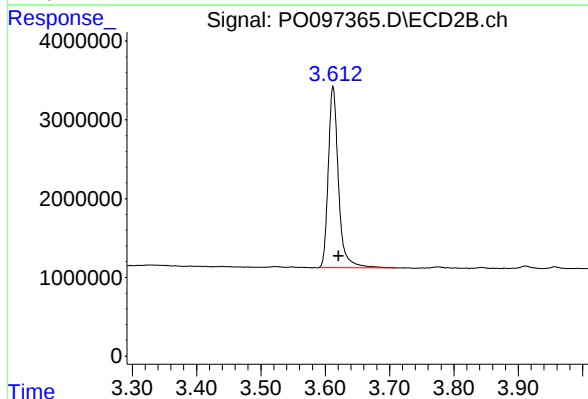




#1 Tetrachloro-m-xylene

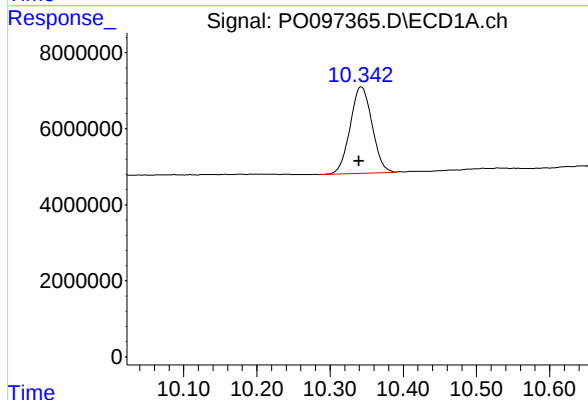
R.T.: 4.408 min
Delta R.T.: 0.001 min
Response: 64333102
Conc: 19.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



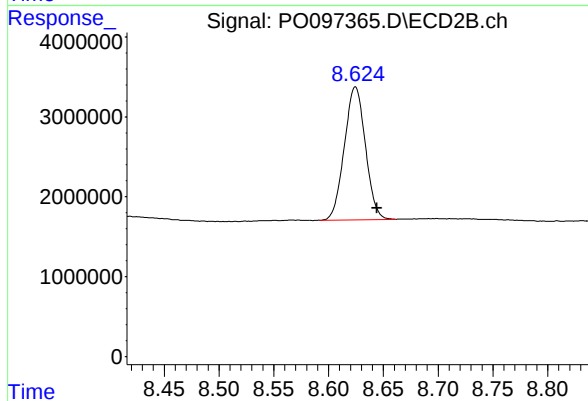
#1 Tetrachloro-m-xylene

R.T.: 3.612 min
Delta R.T.: -0.009 min
Response: 25206730
Conc: 19.04 ng/ml



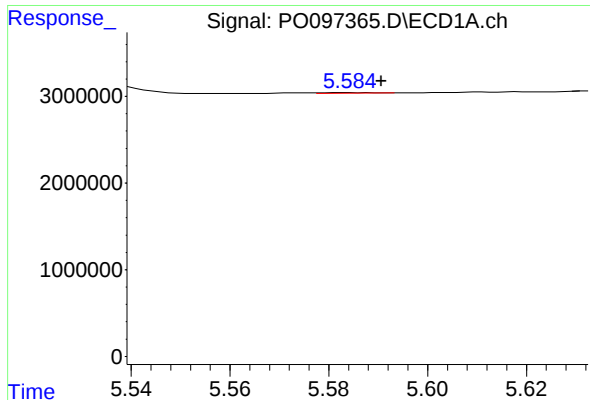
#2 Decachlorobiphenyl

R.T.: 10.343 min
Delta R.T.: 0.003 min
Response: 47049596
Conc: 21.50 ng/ml



#2 Decachlorobiphenyl

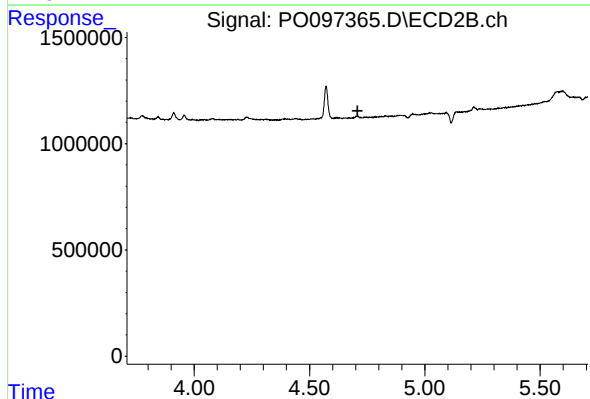
R.T.: 8.624 min
Delta R.T.: -0.020 min
Response: 22303177
Conc: 19.28 ng/ml



#3 AR-1016-1

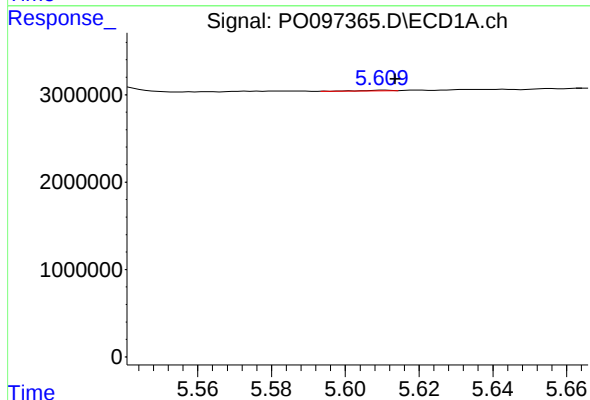
R.T.: 5.583 min
Delta R.T.: -0.007 min
Response: 56680
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



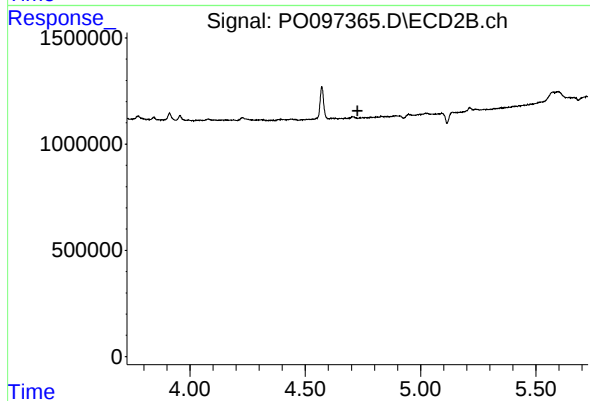
#3 AR-1016-1

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



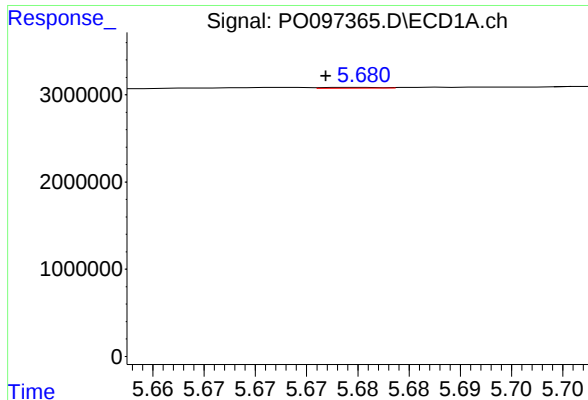
#4 AR-1016-2

R.T.: 5.610 min
Delta R.T.: -0.003 min
Response: 30572
Conc: 0.23 ng/ml



#4 AR-1016-2

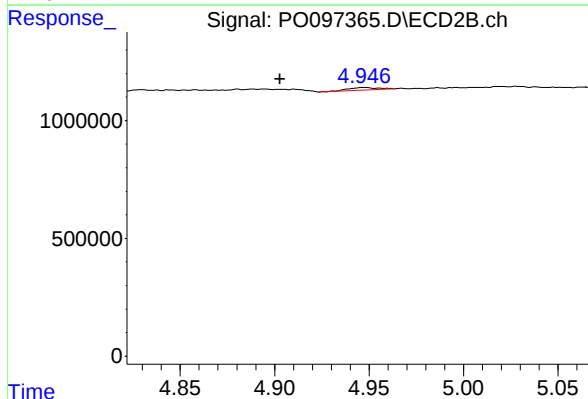
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

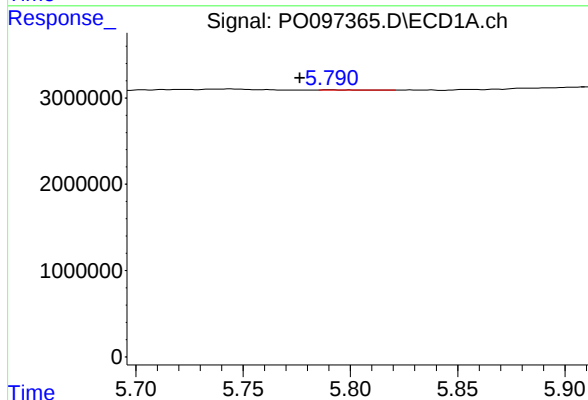
R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 44123
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



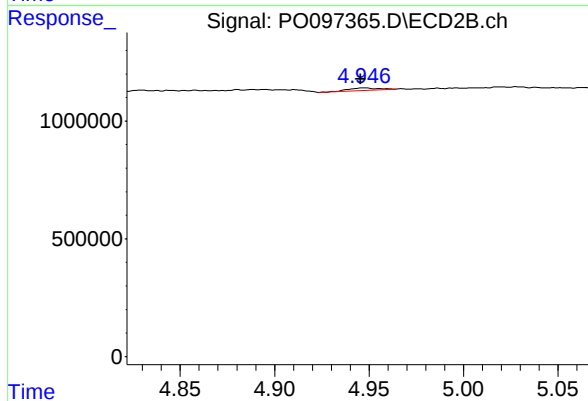
#5 AR-1016-3

R.T.: 4.948 min
Delta R.T.: 0.045 min
Response: 118544
Conc: 3.63 ng/ml



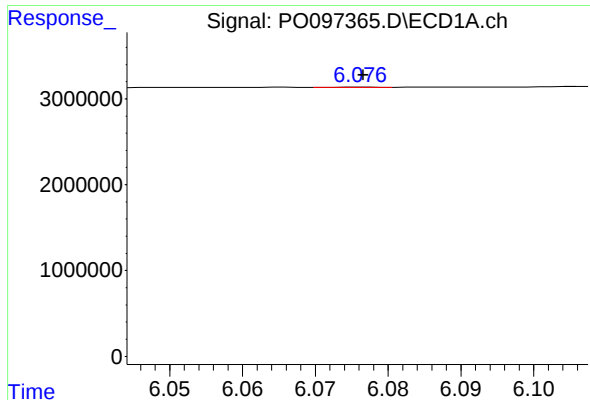
#6 AR-1016-4

R.T.: 5.791 min
Delta R.T.: 0.014 min
Response: 39271
Conc: 0.58 ng/ml



#6 AR-1016-4

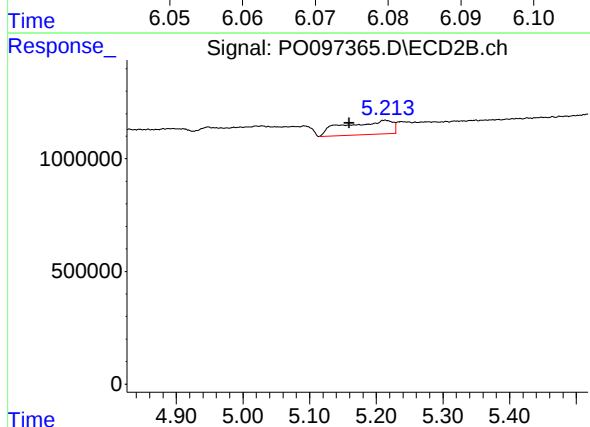
R.T.: 4.948 min
Delta R.T.: 0.002 min
Response: 118544
Conc: 4.15 ng/ml



#7 AR-1016-5

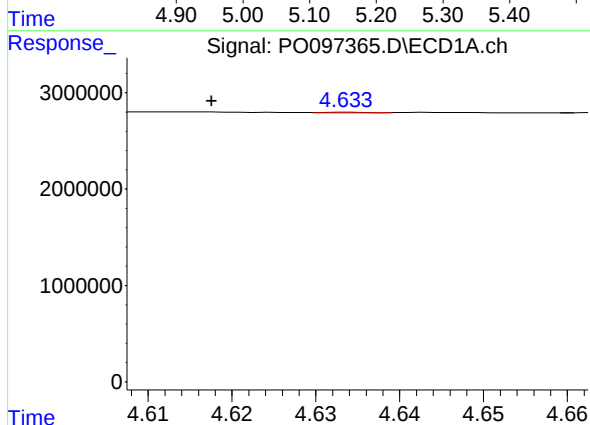
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 7040
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



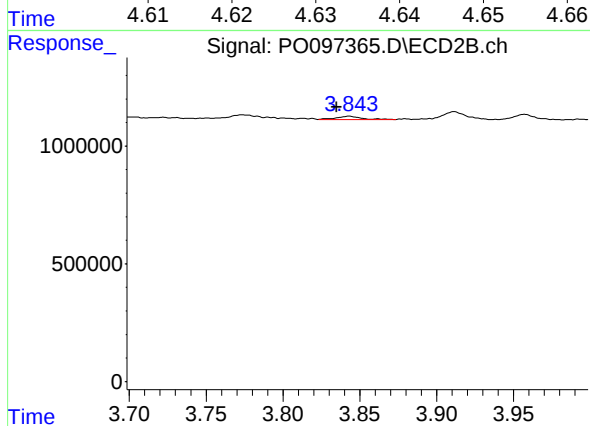
#7 AR-1016-5

R.T.: 5.213 min
Delta R.T.: 0.053 min
Response: 3062826
Conc: 79.66 ng/ml



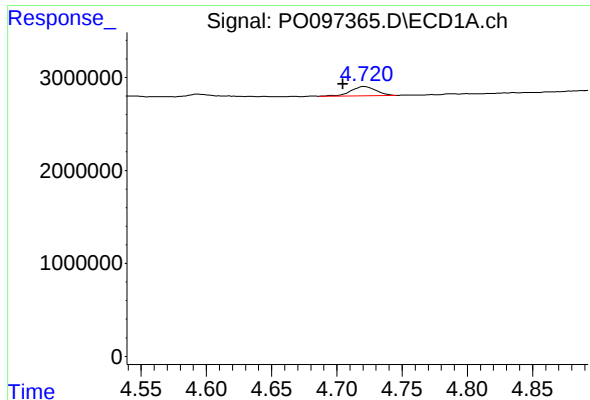
#8 AR-1221-1

R.T.: 4.634 min
Delta R.T.: 0.016 min
Response: 21855
Conc: 0.54 ng/ml



#8 AR-1221-1

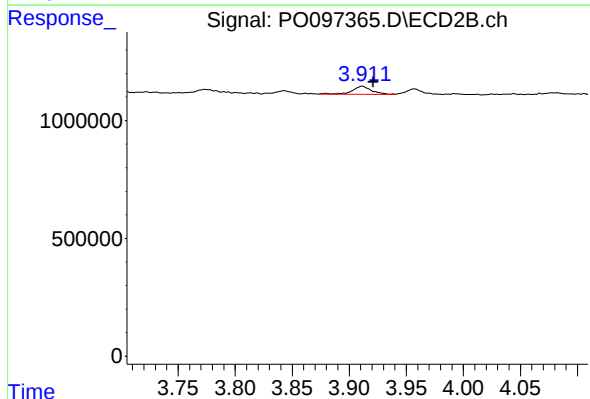
R.T.: 3.843 min
Delta R.T.: 0.008 min
Response: 160101
Conc: 9.22 ng/ml



#9 AR-1221-2

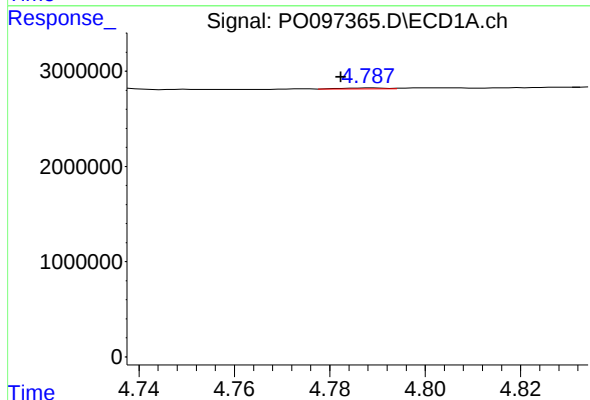
R.T.: 4.721 min
Delta R.T.: 0.016 min
Response: 1366627
Conc: 44.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



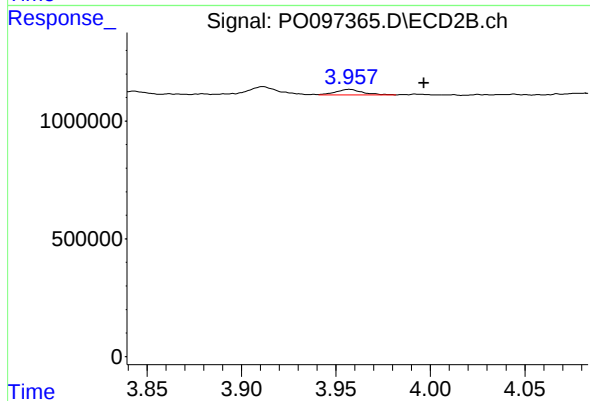
#9 AR-1221-2

R.T.: 3.911 min
Delta R.T.: -0.010 min
Response: 405837
Conc: 31.41 ng/ml



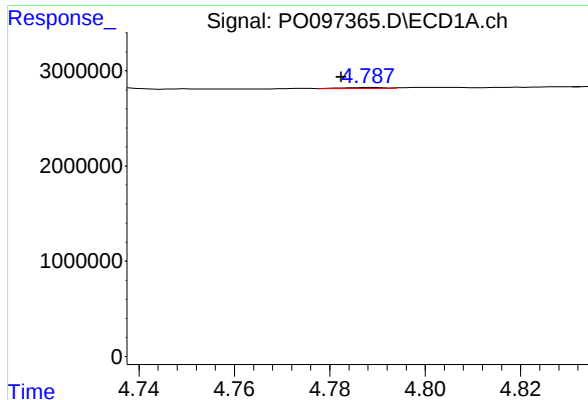
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.006 min
Response: 57581
Conc: 0.66 ng/ml



#10 AR-1221-3

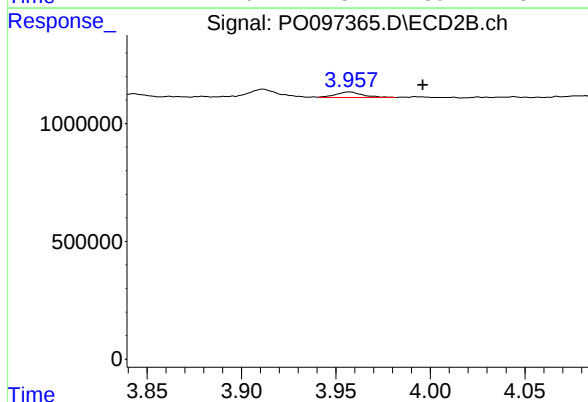
R.T.: 3.957 min
Delta R.T.: -0.040 min
Response: 223795
Conc: 5.64 ng/ml



#11 AR-1232-1

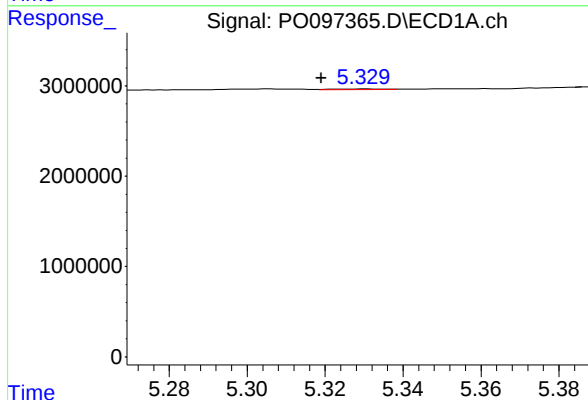
R.T.: 4.788 min
Delta R.T.: 0.006 min
Response: 57581
Conc: 0.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



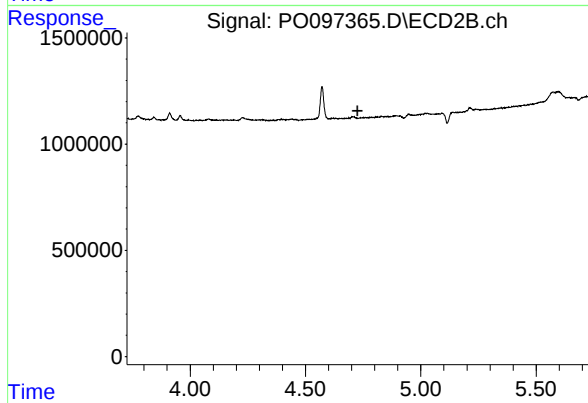
#11 AR-1232-1

R.T.: 3.957 min
Delta R.T.: -0.039 min
Response: 223795
Conc: 6.92 ng/ml



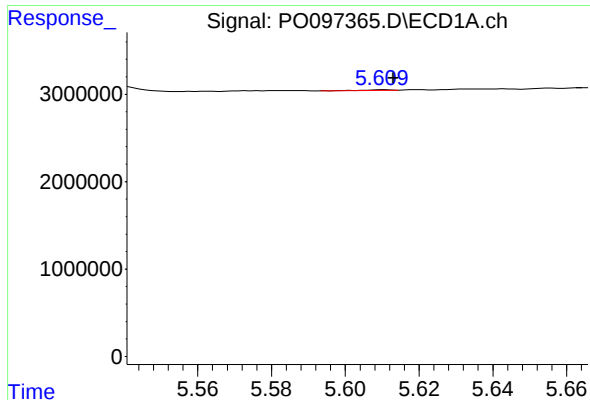
#12 AR-1232-2

R.T.: 5.330 min
Delta R.T.: 0.011 min
Response: 78099
Conc: 1.97 ng/ml



#12 AR-1232-2

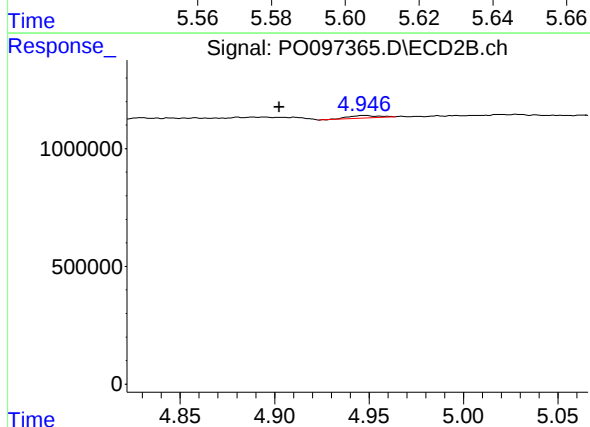
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

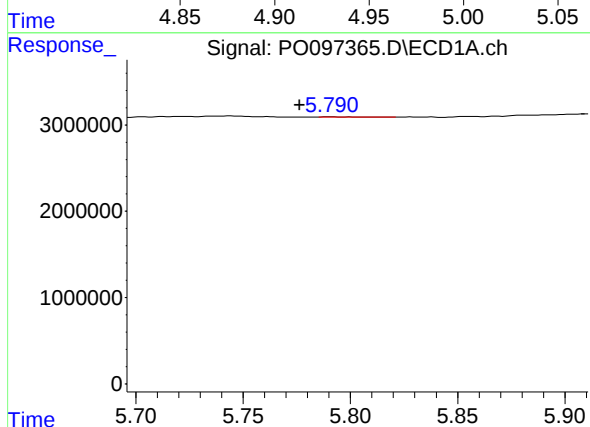
R.T.: 5.610 min
Delta R.T.: -0.003 min
Response: 30572
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



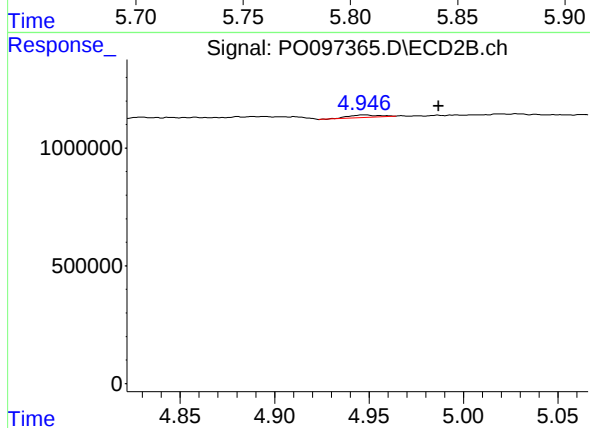
#13 AR-1232-3

R.T.: 4.948 min
Delta R.T.: 0.045 min
Response: 118544
Conc: 7.82 ng/ml



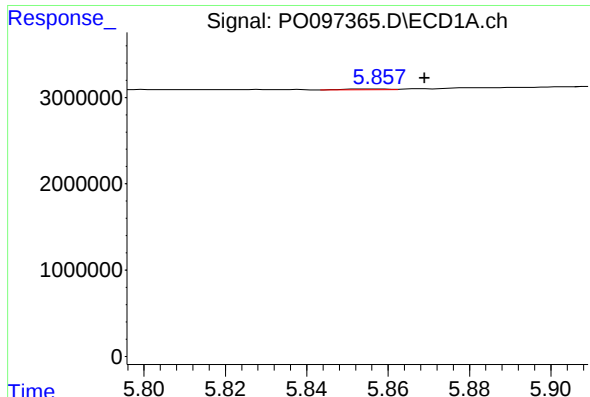
#14 AR-1232-4

R.T.: 5.791 min
Delta R.T.: 0.014 min
Response: 39271
Conc: 1.29 ng/ml



#14 AR-1232-4

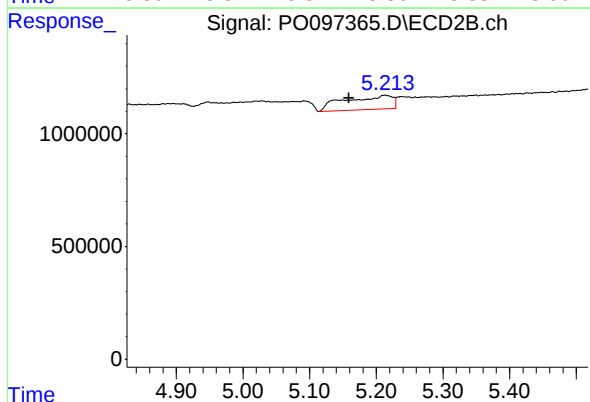
R.T.: 4.948 min
Delta R.T.: -0.039 min
Response: 118544
Conc: 7.93 ng/ml



#15 AR-1232-5

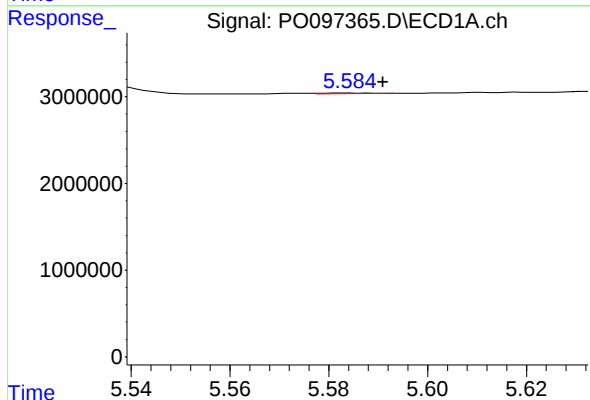
R.T.: 5.857 min
Delta R.T.: -0.012 min
Response: 52202
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



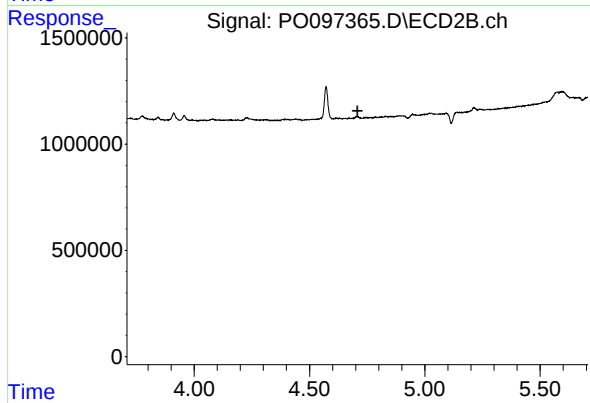
#15 AR-1232-5

R.T.: 5.213 min
Delta R.T.: 0.054 min
Response: 3062826
Conc: 187.37 ng/ml



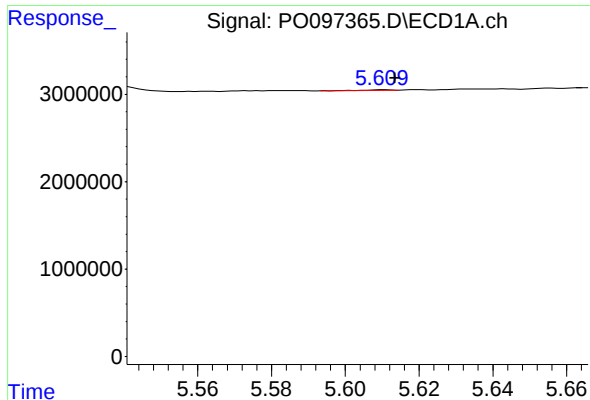
#16 AR-1242-1

R.T.: 5.583 min
Delta R.T.: -0.008 min
Response: 56680
Conc: 0.68 ng/ml



#16 AR-1242-1

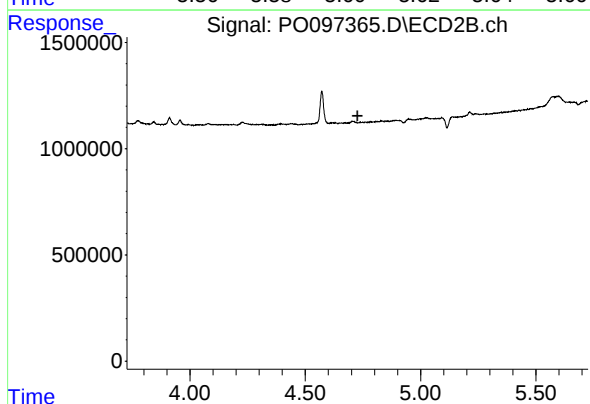
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

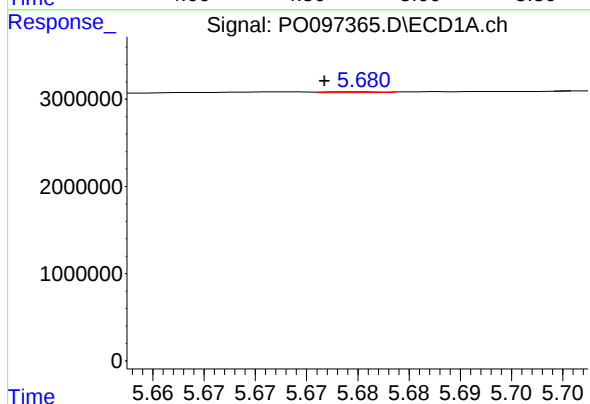
R.T.: 5.610 min
Delta R.T.: -0.003 min
Response: 30572
Conc: 0.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



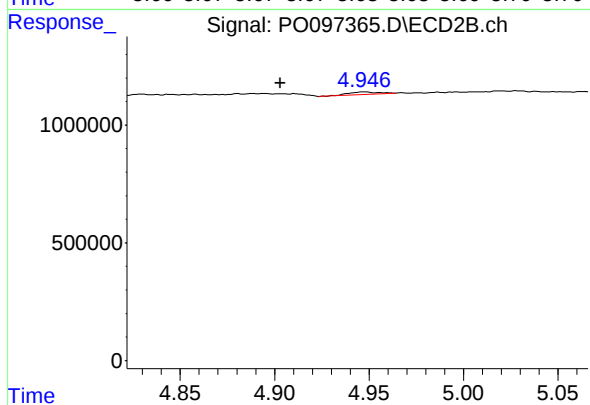
#17 AR-1242-2

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



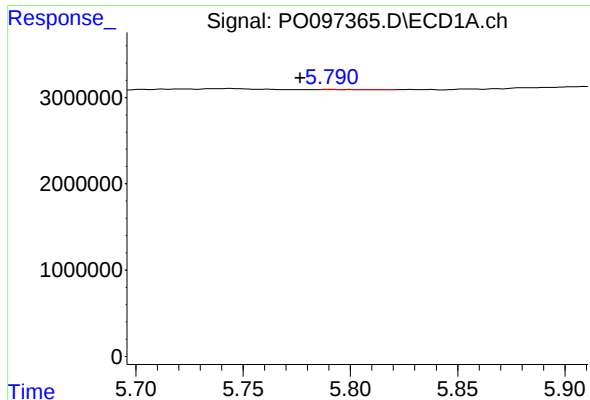
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 44123
Conc: 0.60 ng/ml



#18 AR-1242-3

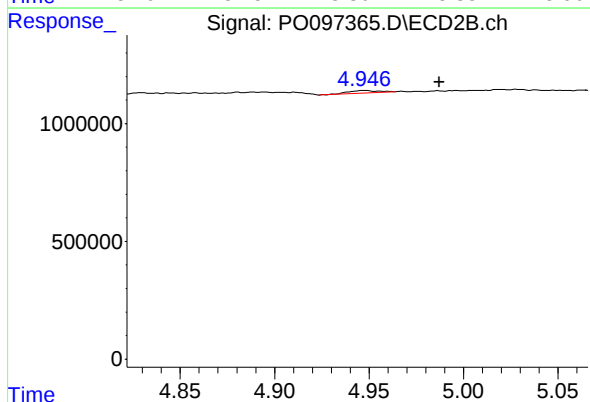
R.T.: 4.948 min
Delta R.T.: 0.045 min
Response: 118544
Conc: 4.01 ng/ml



#19 AR-1242-4

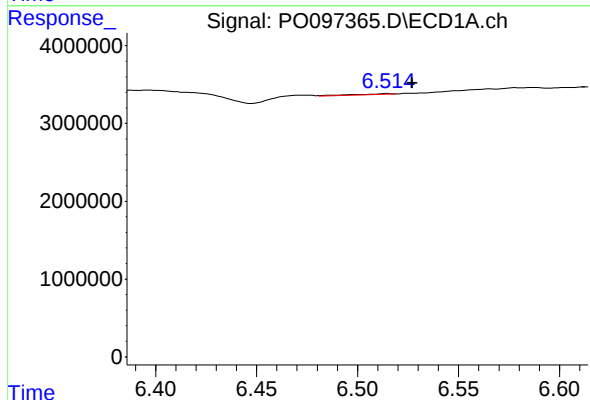
R.T.: 5.791 min
Delta R.T.: 0.014 min
Response: 39271
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



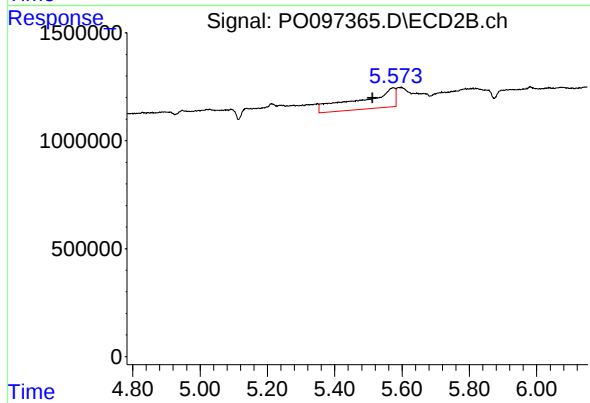
#19 AR-1242-4

R.T.: 4.948 min
Delta R.T.: -0.040 min
Response: 118544
Conc: 3.76 ng/ml



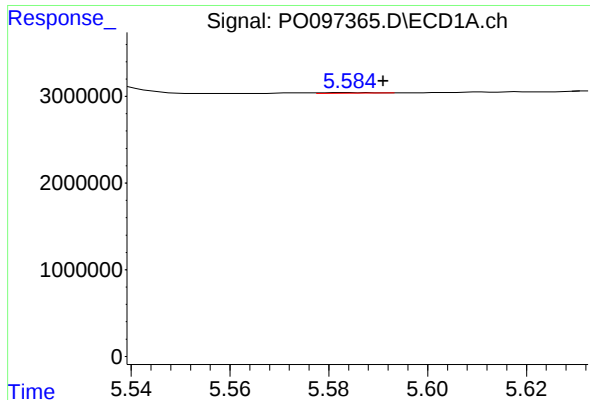
#20 AR-1242-5

R.T.: 6.515 min
Delta R.T.: -0.012 min
Response: 151630
Conc: 2.76 ng/ml



#20 AR-1242-5

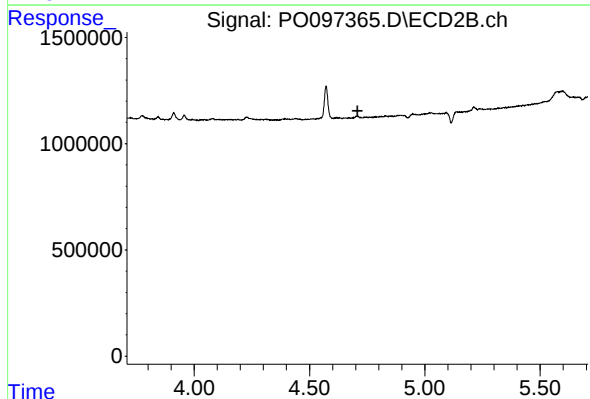
R.T.: 5.574 min
Delta R.T.: 0.062 min
Response: 6619407
Conc: 181.67 ng/ml



#21 AR-1248-1

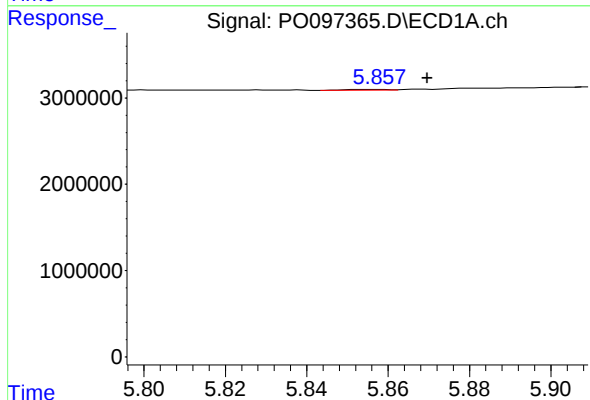
R.T.: 5.583 min
Delta R.T.: -0.008 min
Response: 56680
Conc: 0.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



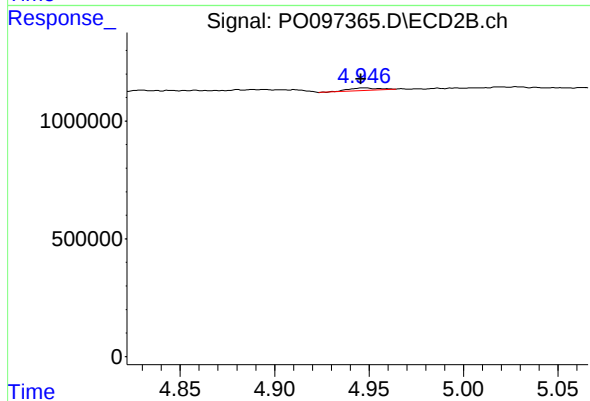
#21 AR-1248-1

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



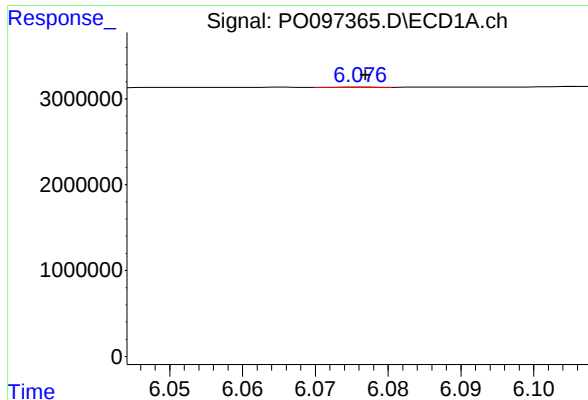
#22 AR-1248-2

R.T.: 5.857 min
Delta R.T.: -0.013 min
Response: 52202
Conc: 0.56 ng/ml



#22 AR-1248-2

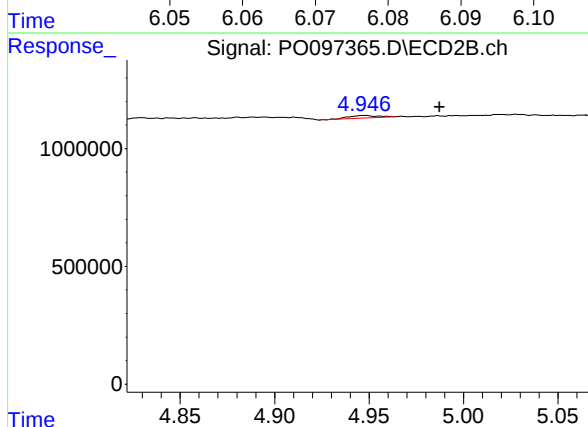
R.T.: 4.948 min
Delta R.T.: 0.002 min
Response: 118544
Conc: 2.80 ng/ml



#23 AR-1248-3

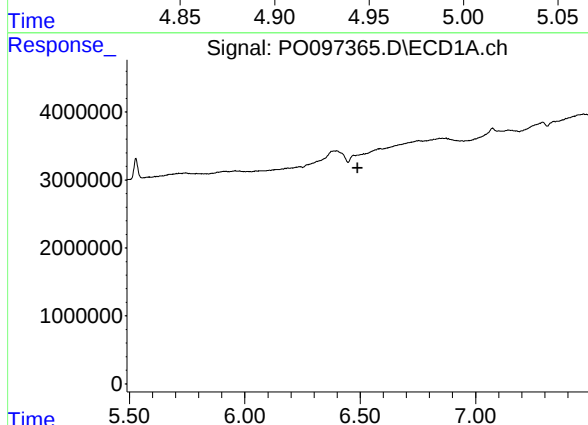
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 7040
Conc: 0.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



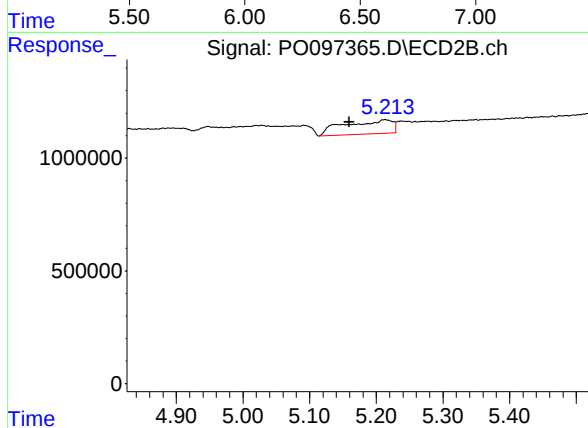
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: -0.040 min
Response: 118544
Conc: 2.70 ng/ml



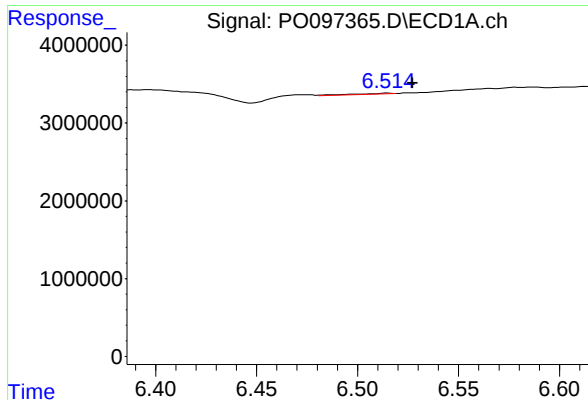
#24 AR-1248-4

R.T.: 6.472 min
Delta R.T.: -0.016 min
Response: -359535
Conc: N.D.



#24 AR-1248-4

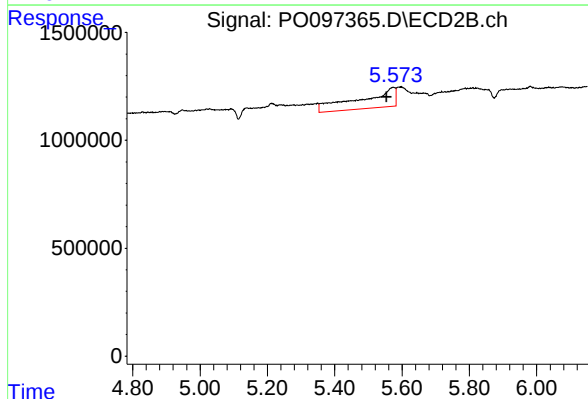
R.T.: 5.213 min
Delta R.T.: 0.054 min
Response: 3062826
Conc: 60.00 ng/ml



#25 AR-1248-5

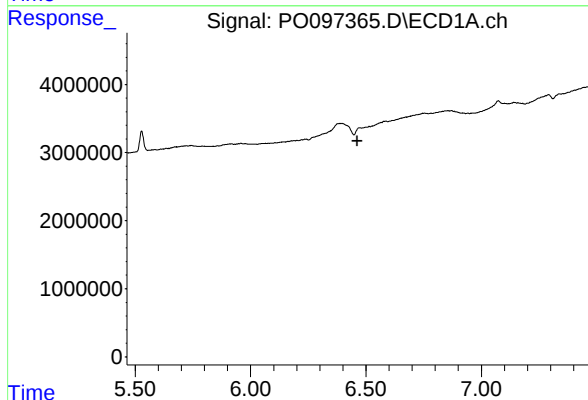
R.T.: 6.515 min
Delta R.T.: -0.013 min
Response: 151630
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



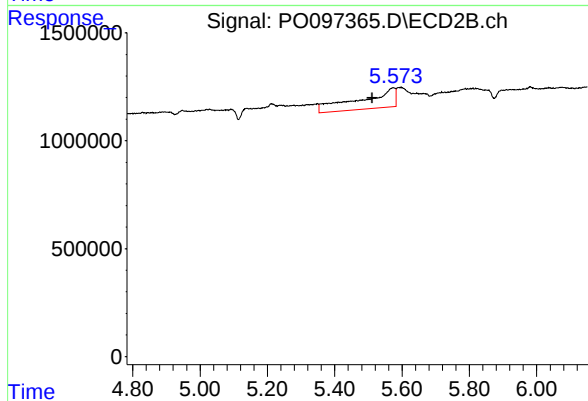
#25 AR-1248-5

R.T.: 5.574 min
Delta R.T.: 0.020 min
Response: 6619407
Conc: 141.59 ng/ml



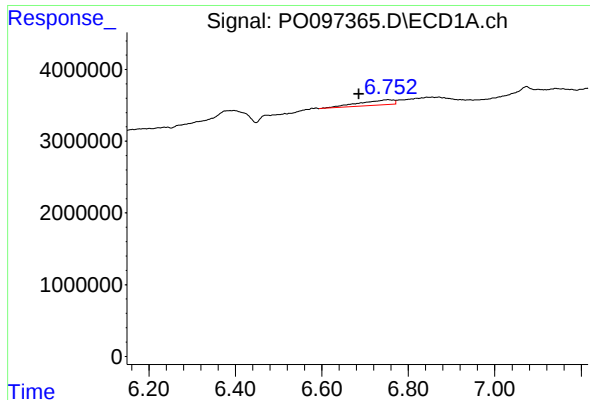
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.009 min
Response: -359535
Conc: N.D.



#26 AR-1254-1

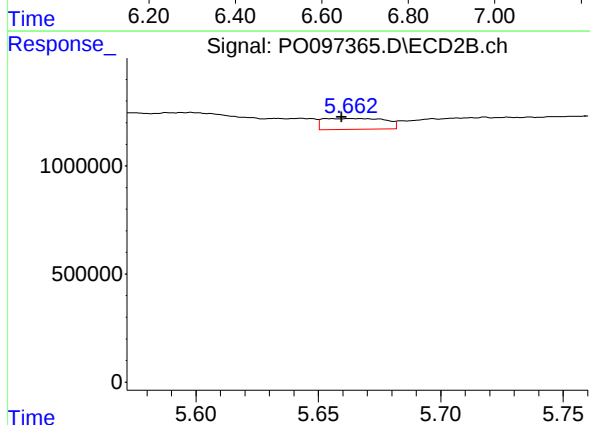
R.T.: 5.574 min
Delta R.T.: 0.062 min
Response: 6619407
Conc: 89.70 ng/ml



#27 AR-1254-2

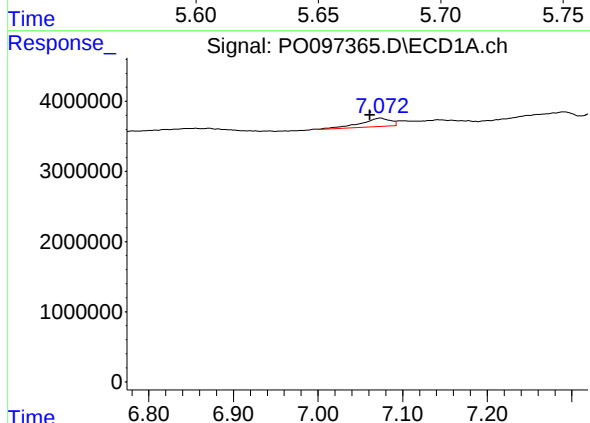
R.T.: 6.754 min
Delta R.T.: 0.067 min
Response: 4034233
Conc: 25.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



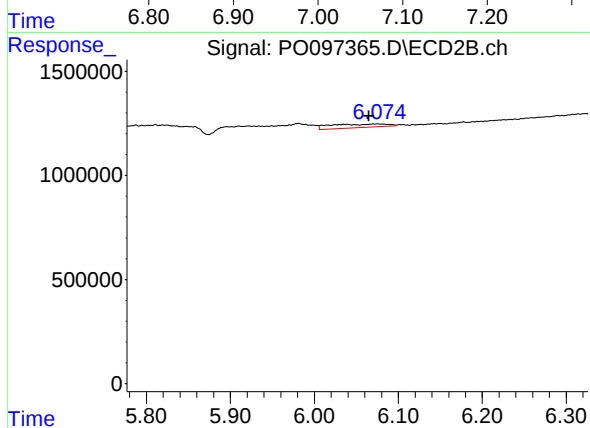
#27 AR-1254-2

R.T.: 5.663 min
Delta R.T.: 0.003 min
Response: 891858
Conc: 13.54 ng/ml



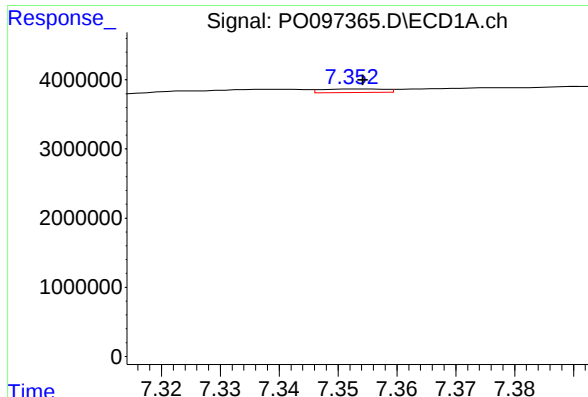
#28 AR-1254-3

R.T.: 7.074 min
Delta R.T.: 0.013 min
Response: 2941970
Conc: 18.77 ng/ml



#28 AR-1254-3

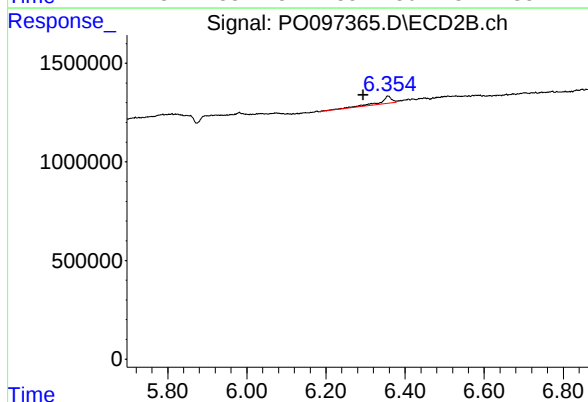
R.T.: 6.075 min
Delta R.T.: 0.010 min
Response: 796519
Conc: 7.88 ng/ml



#29 AR-1254-4

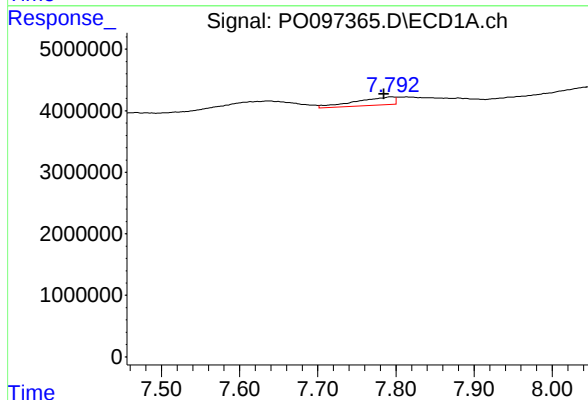
R.T.: 7.353 min
Delta R.T.: -0.001 min
Response: 382810
Conc: 3.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



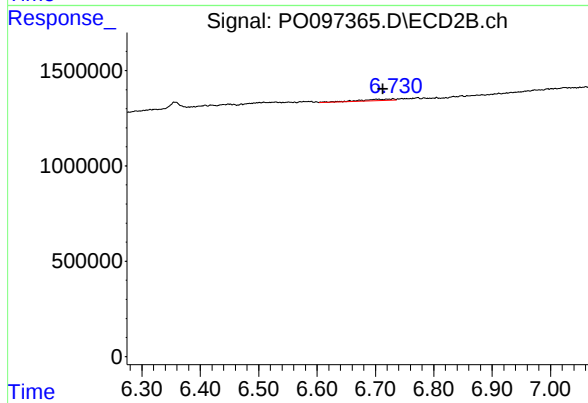
#29 AR-1254-4

R.T.: 6.356 min
Delta R.T.: 0.062 min
Response: 808320
Conc: 13.97 ng/ml



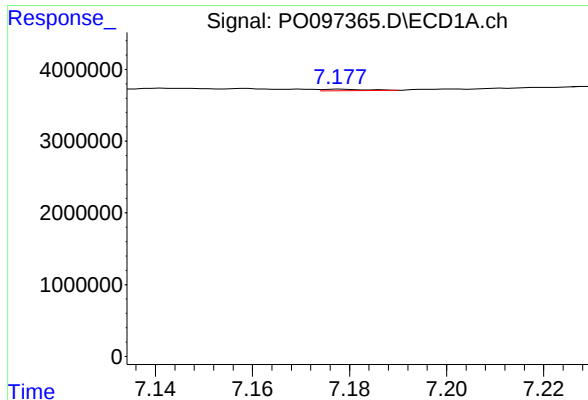
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.009 min
Response: 4531795
Conc: 40.39 ng/ml



#30 AR-1254-5

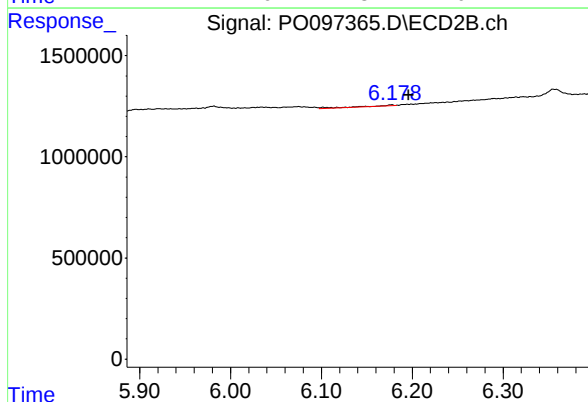
R.T.: 6.730 min
Delta R.T.: 0.017 min
Response: 252439
Conc: 2.87 ng/ml



#31 AR-1260-1

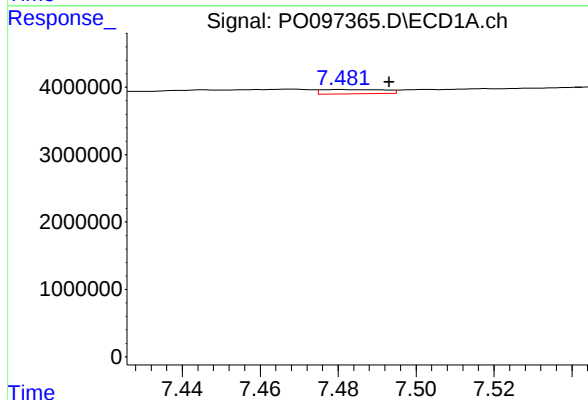
R.T.: 7.178 min
Delta R.T.: -0.052 min
Response: 120080
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



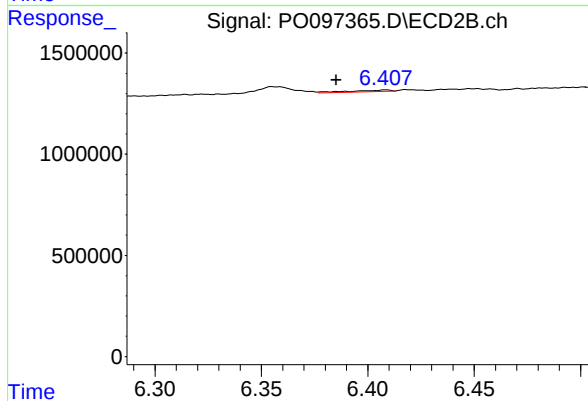
#31 AR-1260-1

R.T.: 6.178 min
Delta R.T.: -0.018 min
Response: 65414
Conc: 0.93 ng/ml



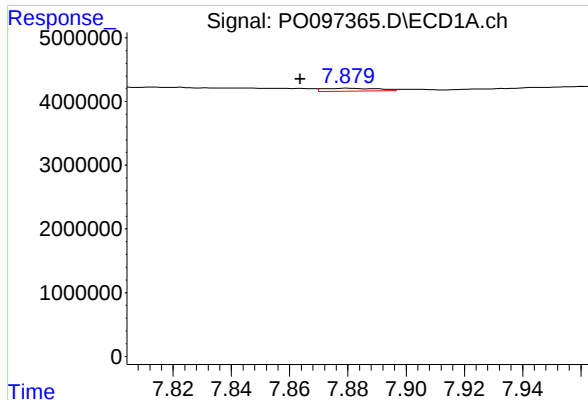
#32 AR-1260-2

R.T.: 7.481 min
Delta R.T.: -0.012 min
Response: 734956
Conc: 5.45 ng/ml



#32 AR-1260-2

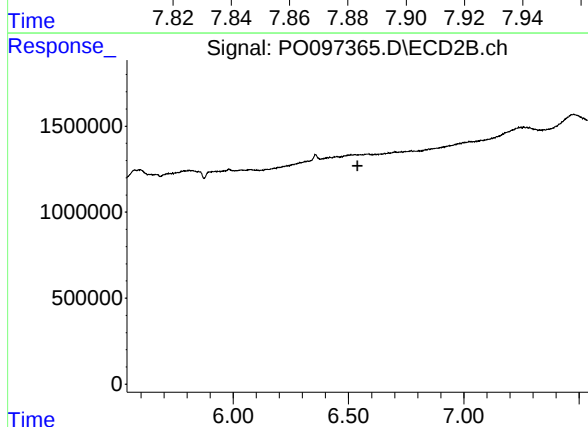
R.T.: 6.408 min
Delta R.T.: 0.023 min
Response: 115712
Conc: 1.39 ng/ml



#33 AR-1260-3

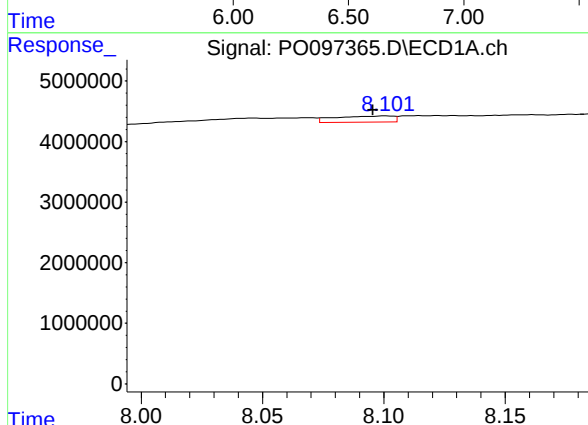
R.T.: 7.880 min
Delta R.T.: 0.016 min
Response: 614788
Conc: 5.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



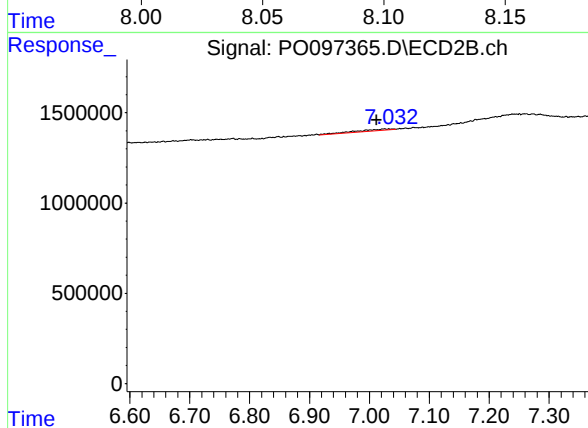
#33 AR-1260-3

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



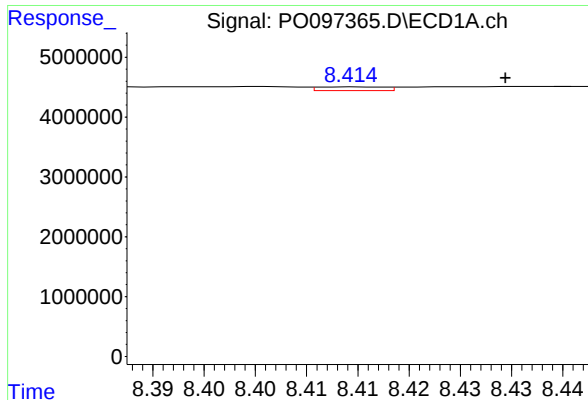
#34 AR-1260-4

R.T.: 8.101 min
Delta R.T.: 0.006 min
Response: 1681014
Conc: 15.04 ng/ml



#34 AR-1260-4

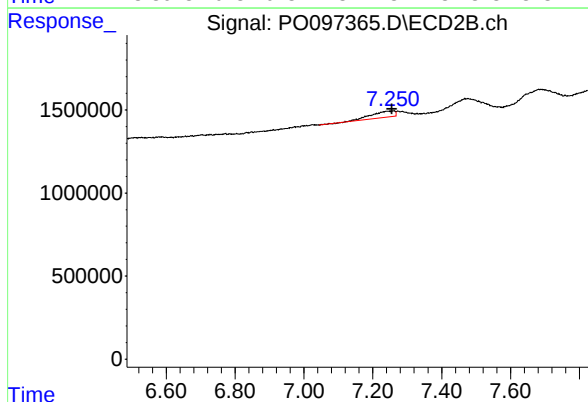
R.T.: 7.025 min
Delta R.T.: 0.013 min
Response: 337963
Conc: 5.27 ng/ml



#35 AR-1260-5

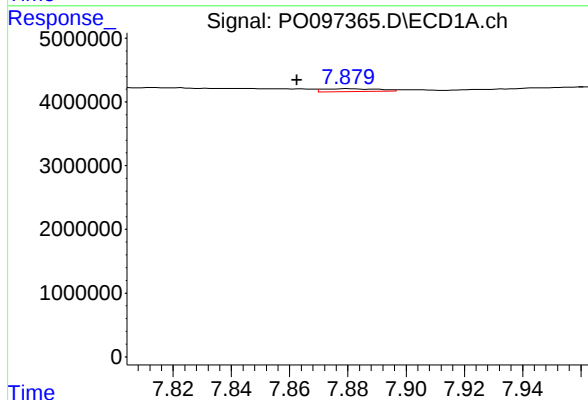
R.T.: 8.415 min
Delta R.T.: -0.015 min
Response: 282819
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



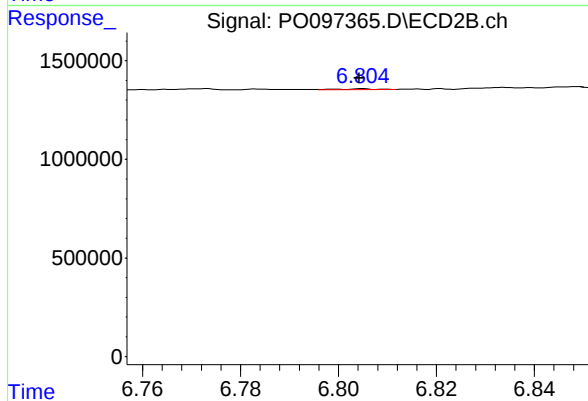
#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.005 min
Response: 1871021
Conc: 13.50 ng/ml



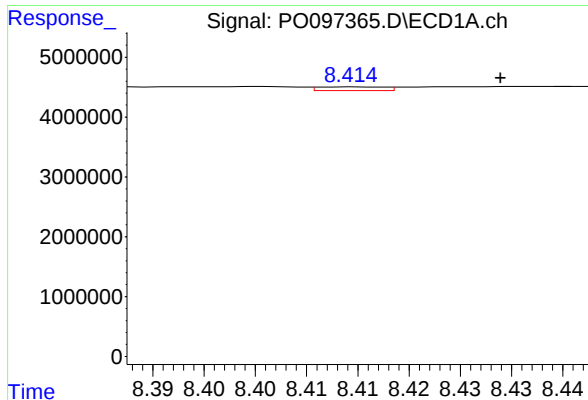
#36 AR-1262-1

R.T.: 7.880 min
Delta R.T.: 0.018 min
Response: 614788
Conc: 4.14 ng/ml



#36 AR-1262-1

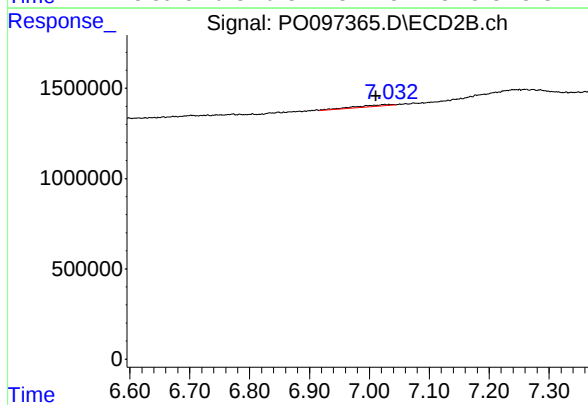
R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 22876
Conc: 0.58 ng/ml



#37 AR-1262-2

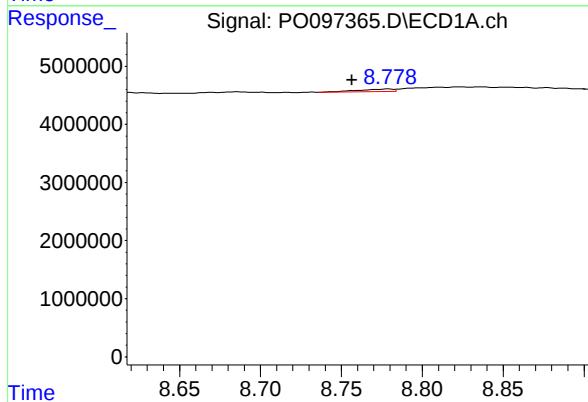
R.T.: 8.415 min
Delta R.T.: -0.014 min
Response: 282819
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



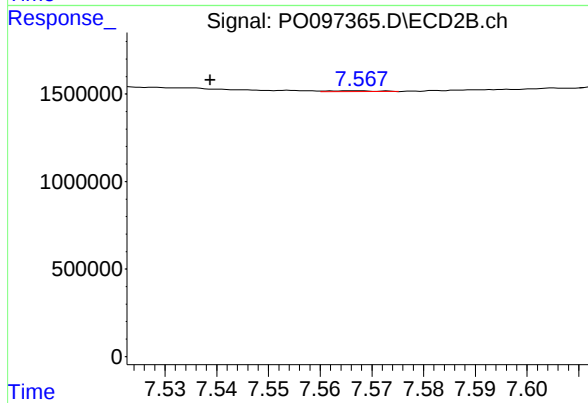
#37 AR-1262-2

R.T.: 7.025 min
Delta R.T.: 0.014 min
Response: 337963
Conc: 4.17 ng/ml



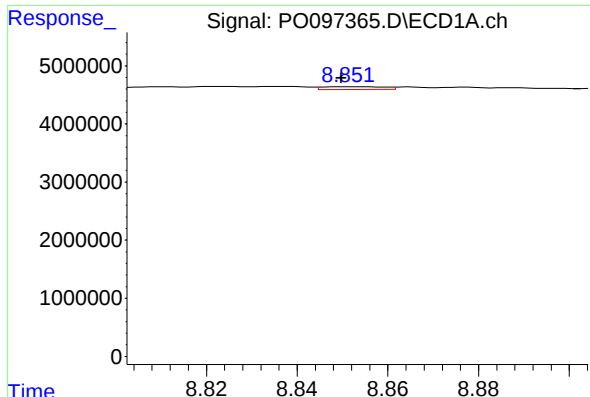
#38 AR-1262-3

R.T.: 8.779 min
Delta R.T.: 0.023 min
Response: 633732
Conc: 3.80 ng/ml



#38 AR-1262-3

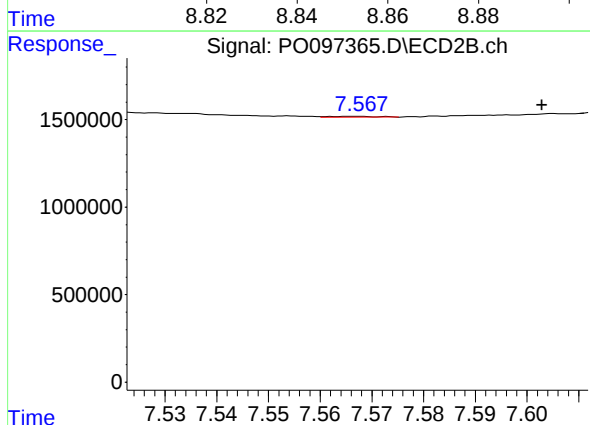
R.T.: 7.567 min
Delta R.T.: 0.028 min
Response: 32548
Conc: 0.51 ng/ml



#39 AR-1262-4

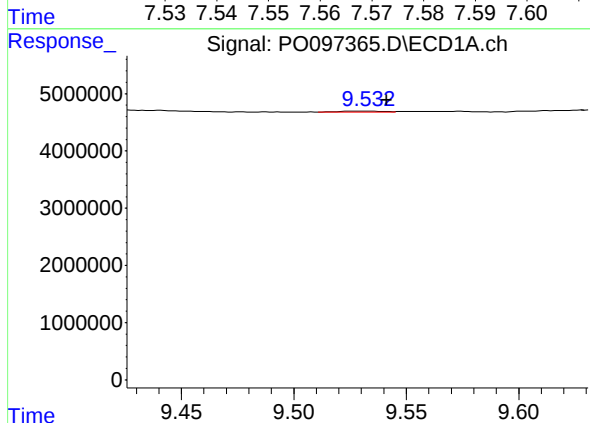
R.T.: 8.851 min
Delta R.T.: 0.001 min
Response: 472958
Conc: 6.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



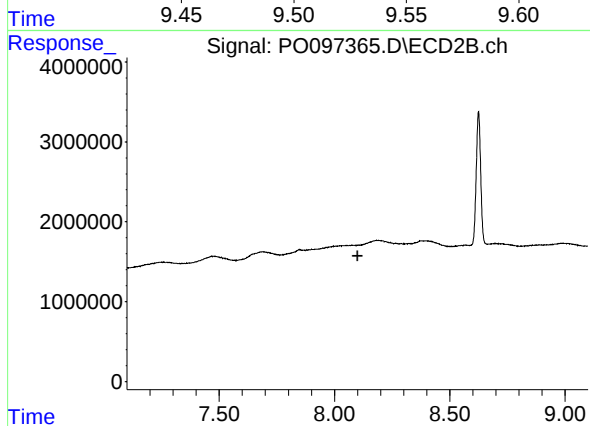
#39 AR-1262-4

R.T.: 7.567 min
Delta R.T.: -0.036 min
Response: 32548
Conc: 0.29 ng/ml



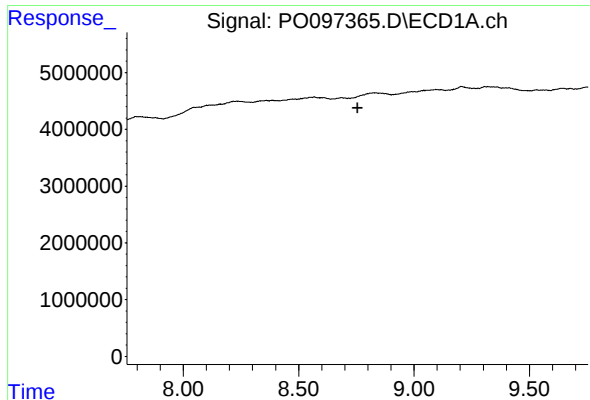
#40 AR-1262-5

R.T.: 9.532 min
Delta R.T.: -0.009 min
Response: 227403
Conc: 2.73 ng/ml



#40 AR-1262-5

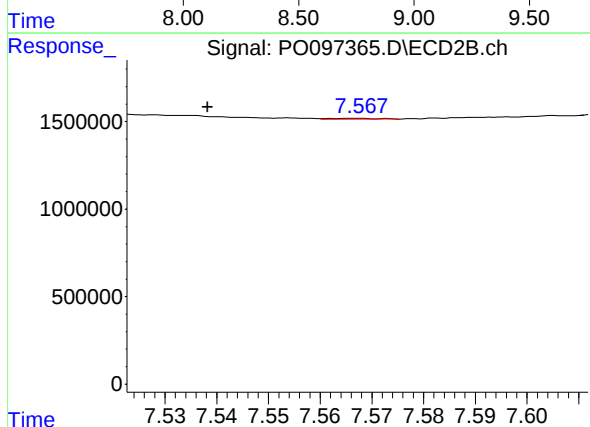
R.T.: 0.000 min
Exp R.T.: 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

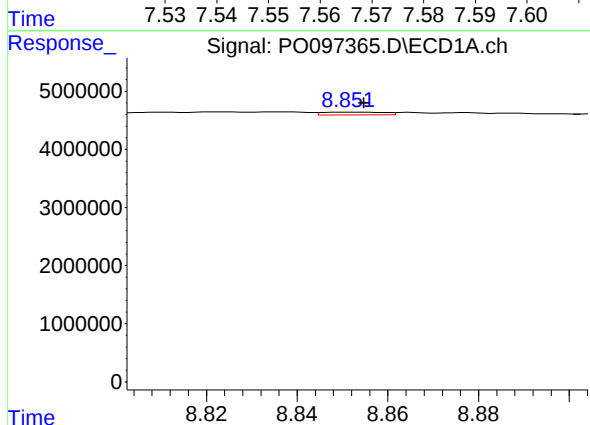
R.T.: 8.732 min
Delta R.T.: -0.023 min
Response: -4668
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
I.BLK



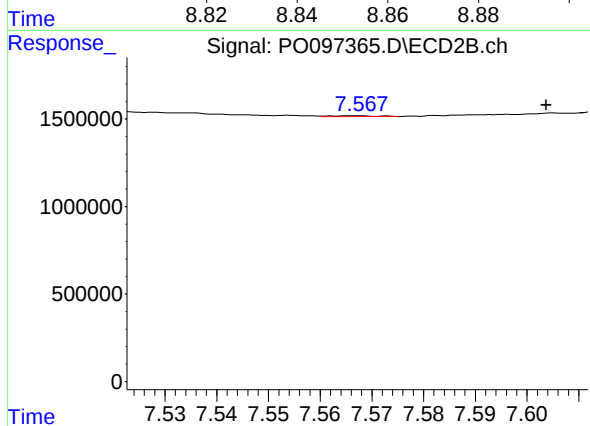
#41 AR-1268-1

R.T.: 7.567 min
Delta R.T.: 0.028 min
Response: 32548
Conc: 0.18 ng/ml



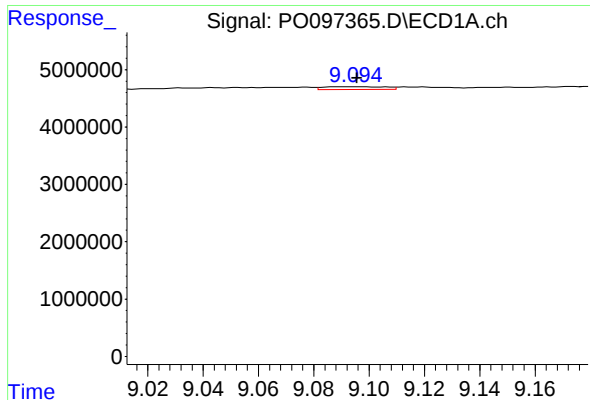
#42 AR-1268-2

R.T.: 8.851 min
Delta R.T.: -0.004 min
Response: 472958
Conc: 1.72 ng/ml



#42 AR-1268-2

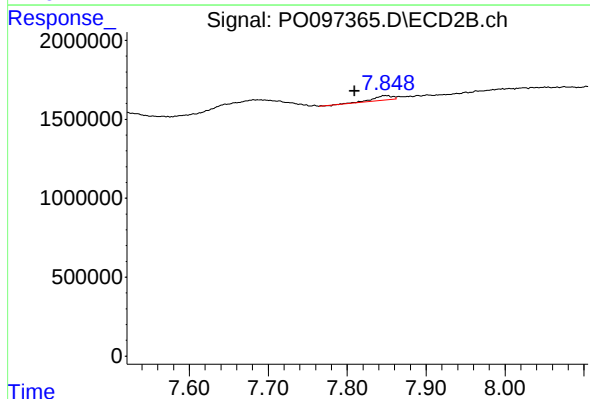
R.T.: 7.567 min
Delta R.T.: -0.037 min
Response: 32548
Conc: 0.19 ng/ml



#43 AR-1268-3

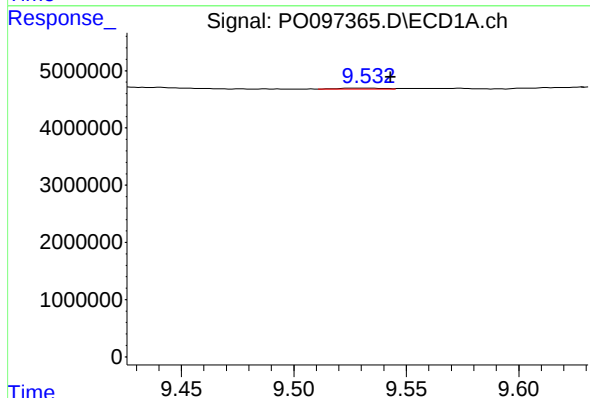
R.T.: 9.095 min
Delta R.T.: 0.000 min
Response: 776325
Conc: 3.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



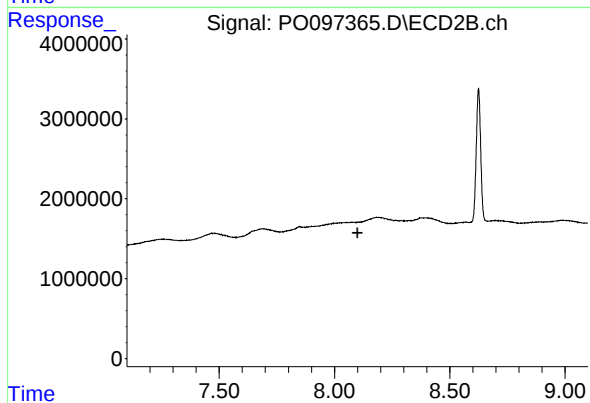
#43 AR-1268-3

R.T.: 7.848 min
Delta R.T.: 0.039 min
Response: 492232
Conc: 3.41 ng/ml



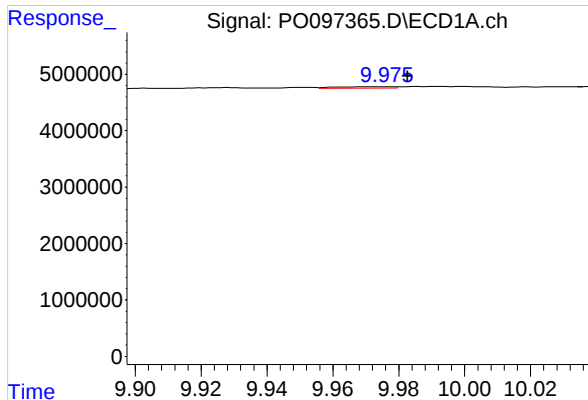
#44 AR-1268-4

R.T.: 9.532 min
Delta R.T.: -0.011 min
Response: 227403
Conc: 2.45 ng/ml



#44 AR-1268-4

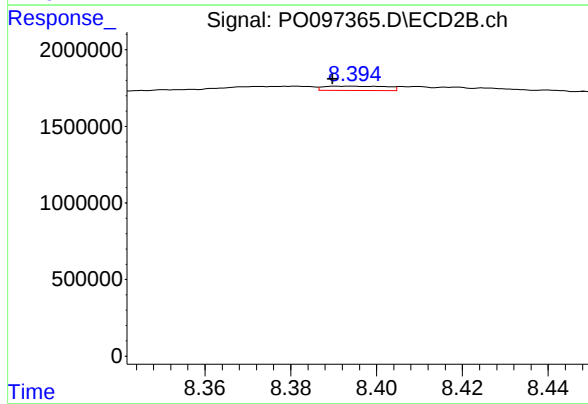
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.973 min
Delta R.T.: -0.010 min
Response: 298208
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.393 min
Delta R.T.: 0.003 min
Response: 287191
Conc: 0.69 ng/ml