

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112723\
 Data File : P0100096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2023 18:39
 Operator : YP/AJ
 Sample : 05545-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 23:49:48 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	3.704	39398166	34833009	23.083	23.224
2) SA Decachlor...	10.365	8.801	17853735	26011947	24.580	23.246
Target Compounds						
3) L1 AR-1016-1	5.667	4.810	3624447	2660271	84.238	84.249
4) L1 AR-1016-2	5.690	4.829	6290183	3835300	97.157	88.702
5) L1 AR-1016-3	5.754	5.009	4271059	2604351	97.991	112.300
6) L1 AR-1016-4	5.853	5.051	4285451	3466728	129.825	169.099 #
7) L1 AR-1016-5	6.152	5.267	7343196	5559175	233.872	217.988
8) L2 AR-1221-1	4.686	3.926	283503	162777	13.752	8.563 #
9) L2 AR-1221-2	4.791	4.011	694781	895064	45.999	68.685 #
10) L2 AR-1221-3	4.855	4.086	442017	468110	9.850	13.032 #
11) L3 AR-1232-1	4.855	4.086	442017	468110	12.388	15.952 #
12) L3 AR-1232-2	5.397	4.829	1174600	3835300	67.488	193.398 #
13) L3 AR-1232-3	5.690	5.009	6290183	2604351	221.977	251.305
14) L3 AR-1232-4	5.853	5.093	4285451	3924615	308.490	394.836 #
15) L3 AR-1232-5	5.945	5.267	5541492	5559175	451.547	514.731
16) L4 AR-1242-1	5.667	4.810	3624447	2660271	104.623	101.224
17) L4 AR-1242-2	5.690	4.829	6290183	3835300	119.868	109.074
18) L4 AR-1242-3	5.754	5.009	4271059	2604351	122.717	135.997
19) L4 AR-1242-4	5.853	5.093	4285451	3924615	163.004	194.847
20) L4 AR-1242-5	6.603	5.623	2387511	1896039	106.781	81.146
21) L5 AR-1248-1	5.667	4.810	3624447	2660271	140.196	133.068
22) L5 AR-1248-2	5.945	5.051	5541492	3466728	135.499	123.897
23) L5 AR-1248-3	6.152	5.093	7343196	3924615	171.438	135.904
24) L5 AR-1248-4	6.562	5.267	1625438	5559175	43.125	169.541 #
25) L5 AR-1248-5	6.603	5.667	2387511	1246798	64.645	41.738 #
26) L6 AR-1254-1	6.534	5.623	1356296	1896039	28.166	36.577 #
27) L6 AR-1254-2	6.761	5.784	1465499	497207	21.369	10.677 #
28) L6 AR-1254-3	7.128	6.187	539975	943491	8.476	12.097 #
29) L6 AR-1254-4	7.419	6.414	406154	660127	10.744	15.468 #
30) L6 AR-1254-5	7.841	6.836	357500	914877	8.352	12.643 #
31) L7 AR-1260-1	7.294	6.330	160949	497128	3.023	8.603 #
32) L7 AR-1260-2	7.570	6.504	187769	911722	3.550	13.727 #
33) L7 AR-1260-3	7.920	6.661	42245	233283	1.184	3.646 #
34) L7 AR-1260-4	8.129	7.144	691109	158622	16.698	3.146 #
35) L7 AR-1260-5	8.482	7.378	193111	323916	2.891	2.889
36) L8 AR-1262-1	7.841	6.836	357500	914877	9.883	23.936 #
37) L8 AR-1262-2	8.482	7.144	193111	158622	2.274	2.103
38) L8 AR-1262-3	8.794	7.657	96819	276399	1.607	4.745 #
39) L8 AR-1262-4	8.896	7.735	127783	76780	2.650	0.747 #
40) L8 AR-1262-5	9.567	8.234	28526	45312	1.093	1.040
41) L9 AR-1268-1	8.794	7.657	96819	276399	0.877	1.664 #

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 QLast Update : Tue Nov 21 15:58:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

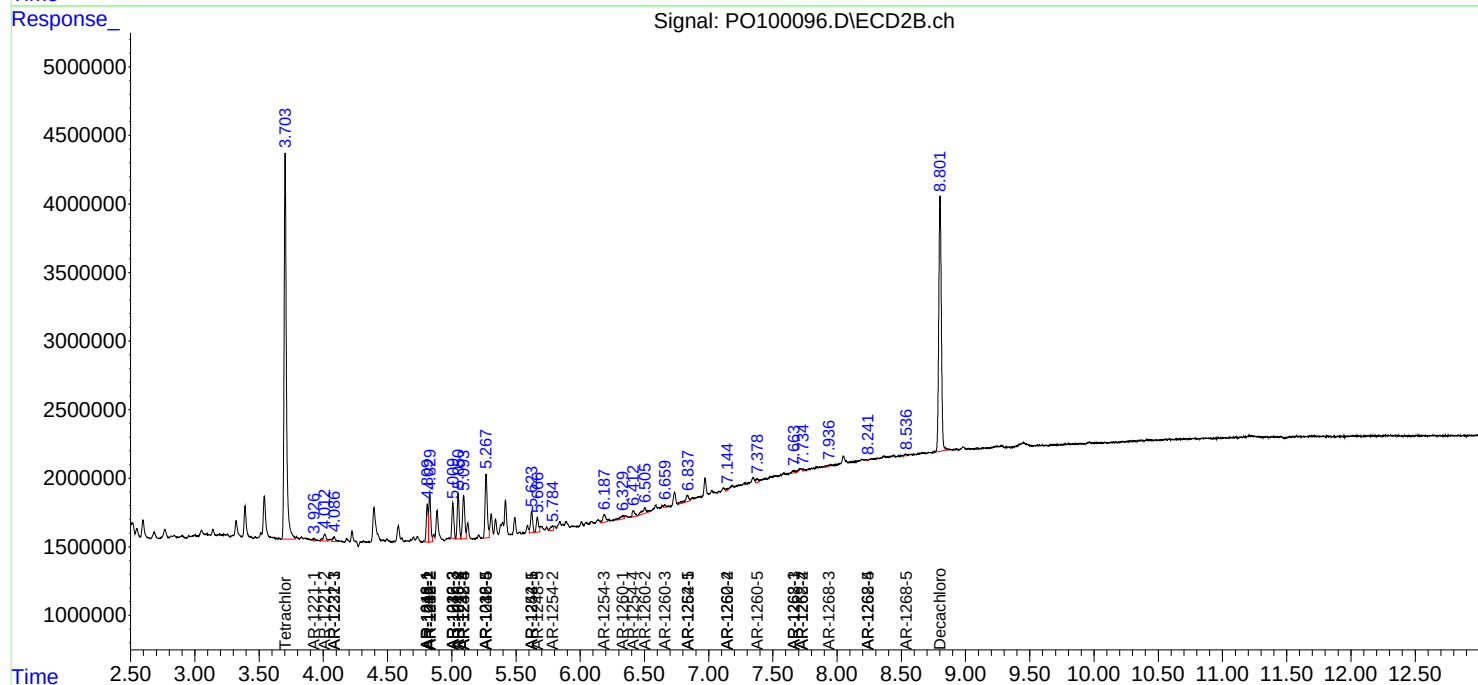
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

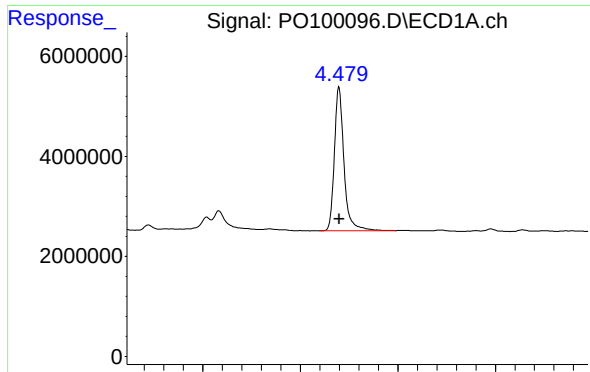
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.896	7.735	127783	76780	1.327	0.503 #
43) L9	AR-1268-3	9.131	7.936	52904	173566	0.587	1.211 #
44) L9	AR-1268-4	9.567	8.234	28526	45312	1.003	0.964
45) L9	AR-1268-5	10.006	8.537	194123	111990	0.772	0.281 #

(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

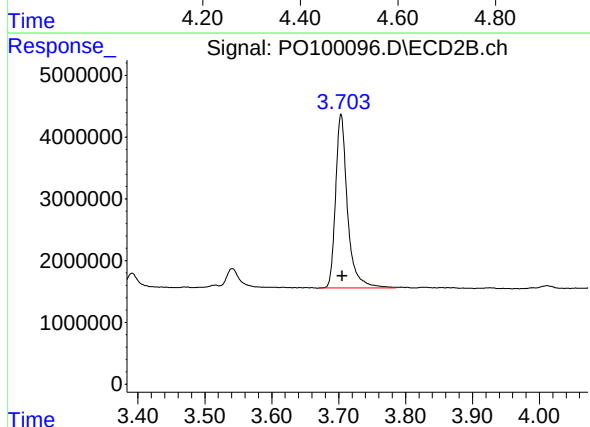




#1 Tetrachloro-m-xylene

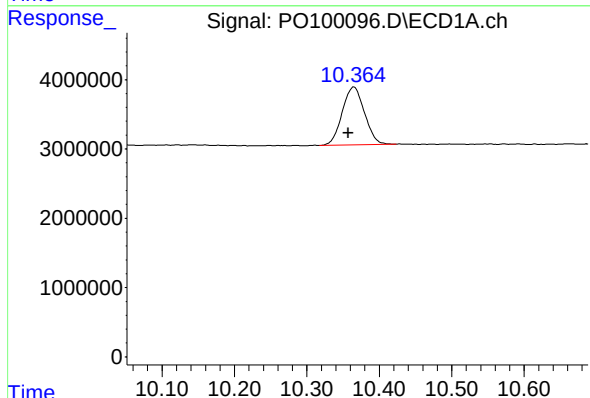
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 39398166
Conc: 23.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



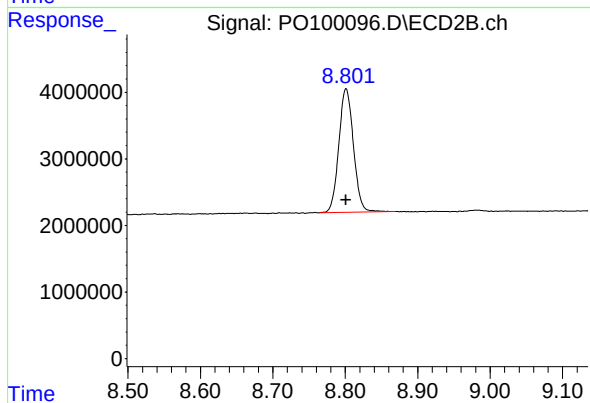
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 34833009
Conc: 23.22 ng/ml



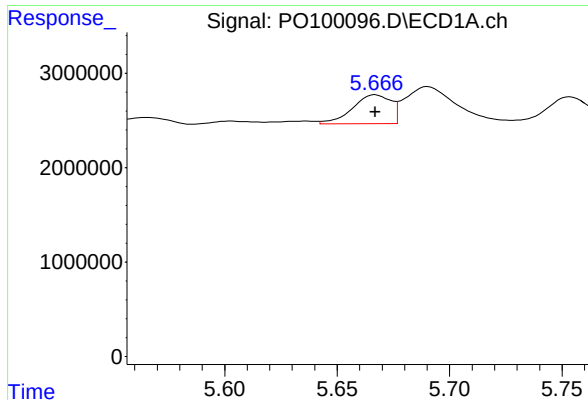
#2 Decachlorobiphenyl

R.T.: 10.365 min
Delta R.T.: 0.008 min
Response: 17853735
Conc: 24.58 ng/ml



#2 Decachlorobiphenyl

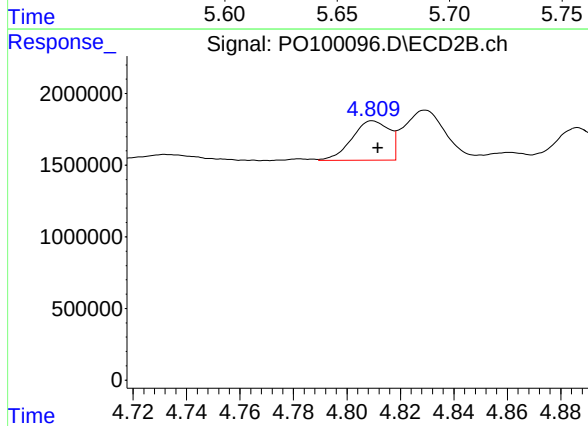
R.T.: 8.801 min
Delta R.T.: 0.000 min
Response: 26011947
Conc: 23.25 ng/ml



#3 AR-1016-1

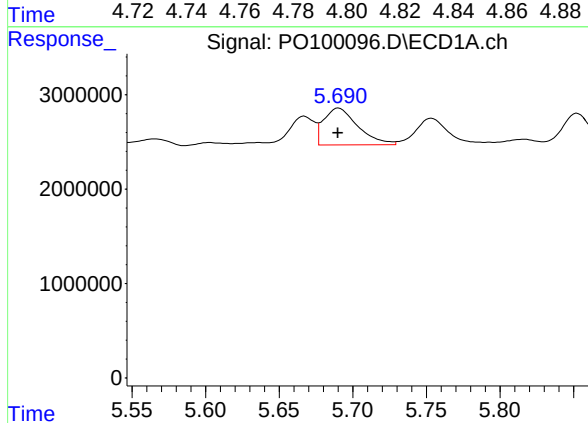
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 3624447
Conc: 84.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



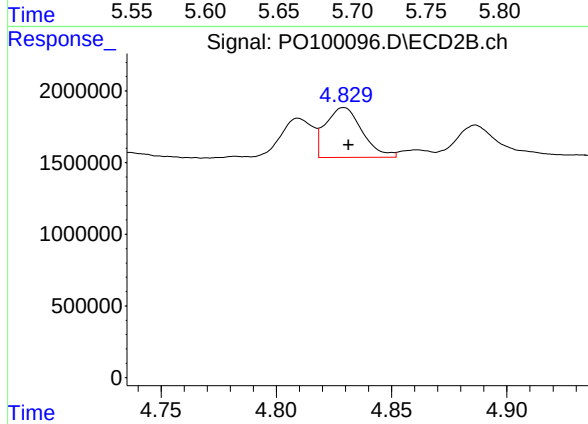
#3 AR-1016-1

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 2660271
Conc: 84.25 ng/ml



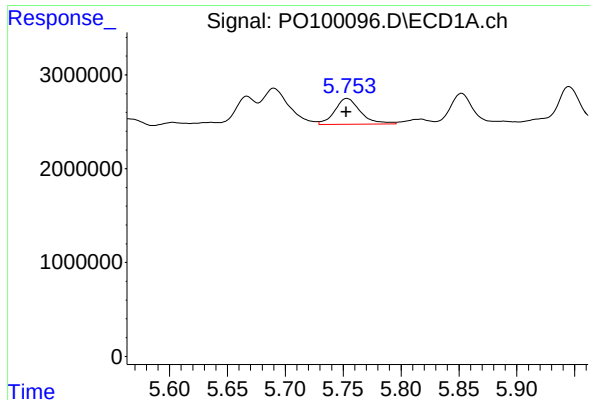
#4 AR-1016-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 6290183
Conc: 97.16 ng/ml



#4 AR-1016-2

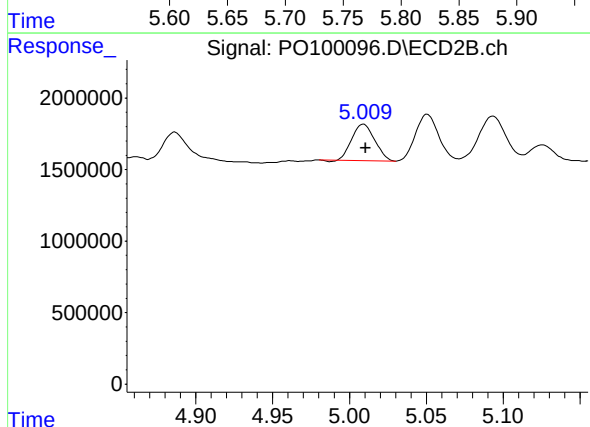
R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 3835300
Conc: 88.70 ng/ml



#5 AR-1016-3

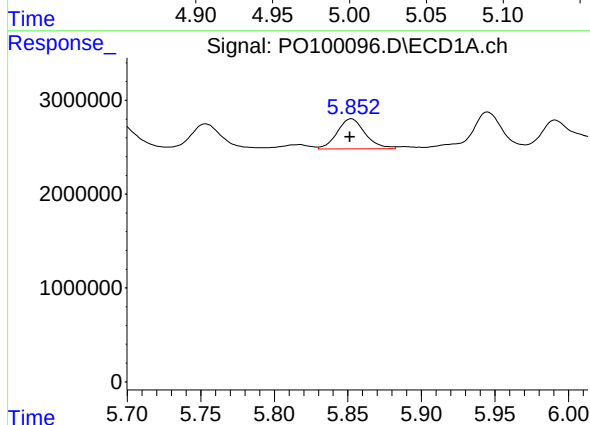
R.T.: 5.754 min
Delta R.T.: 0.001 min
Response: 4271059
Conc: 97.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



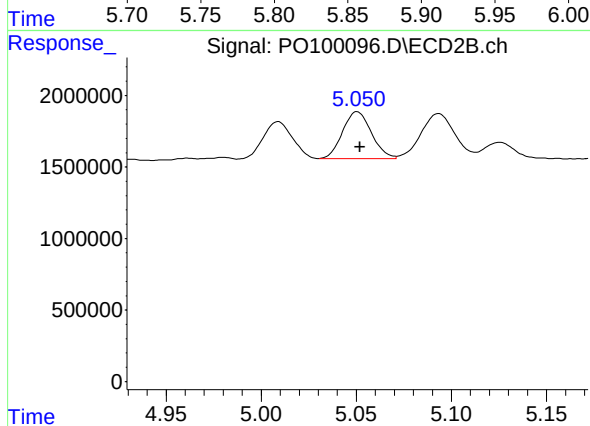
#5 AR-1016-3

R.T.: 5.009 min
Delta R.T.: -0.001 min
Response: 2604351
Conc: 112.30 ng/ml



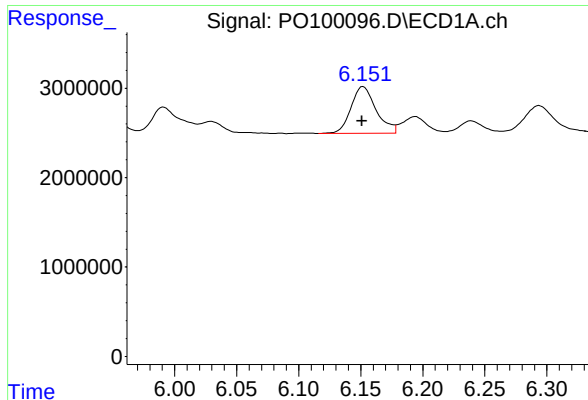
#6 AR-1016-4

R.T.: 5.853 min
Delta R.T.: 0.001 min
Response: 4285451
Conc: 129.83 ng/ml



#6 AR-1016-4

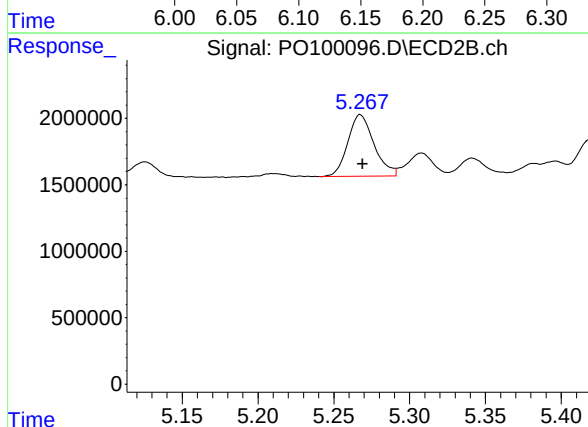
R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 3466728
Conc: 169.10 ng/ml



#7 AR-1016-5

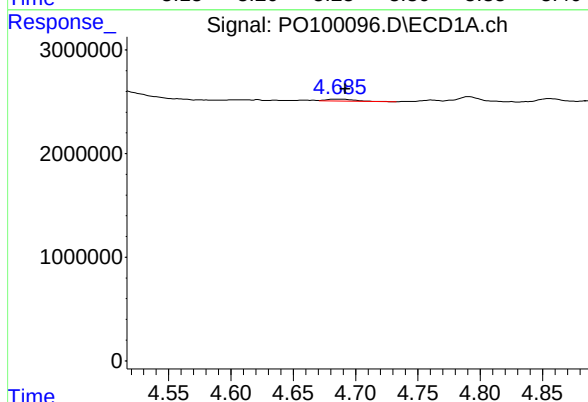
R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 7343196
Conc: 233.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



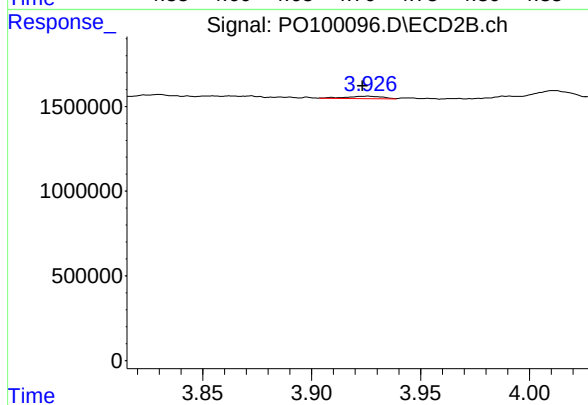
#7 AR-1016-5

R.T.: 5.267 min
Delta R.T.: -0.001 min
Response: 5559175
Conc: 217.99 ng/ml



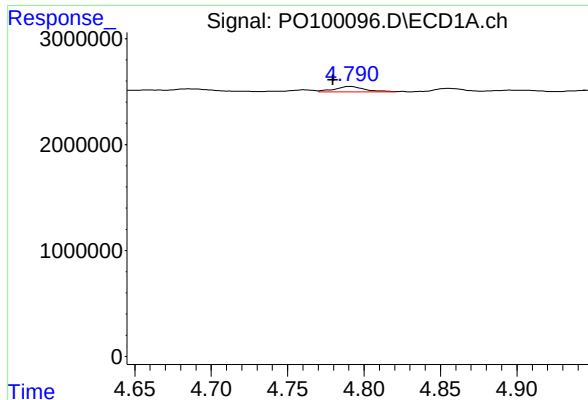
#8 AR-1221-1

R.T.: 4.686 min
Delta R.T.: -0.006 min
Response: 283503
Conc: 13.75 ng/ml



#8 AR-1221-1

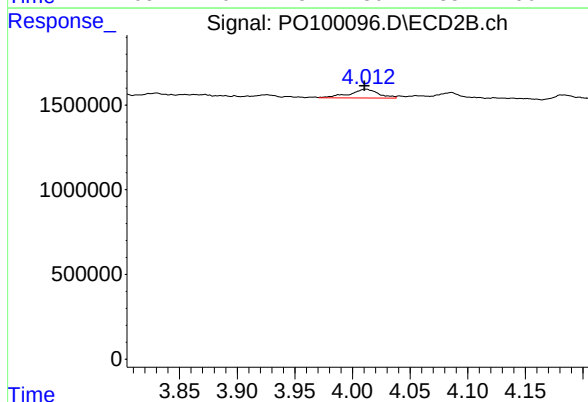
R.T.: 3.926 min
Delta R.T.: 0.003 min
Response: 162777
Conc: 8.56 ng/ml



#9 AR-1221-2

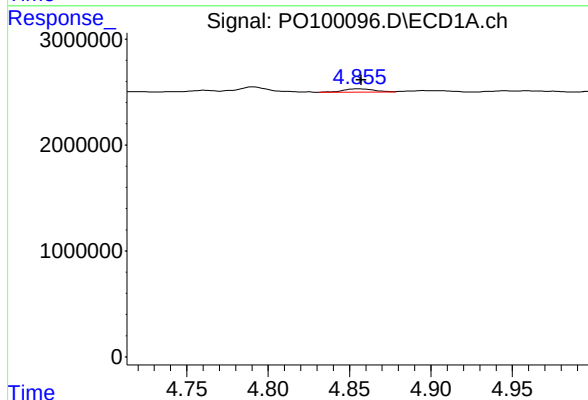
R.T.: 4.791 min
Delta R.T.: 0.011 min
Response: 694781
Conc: 46.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



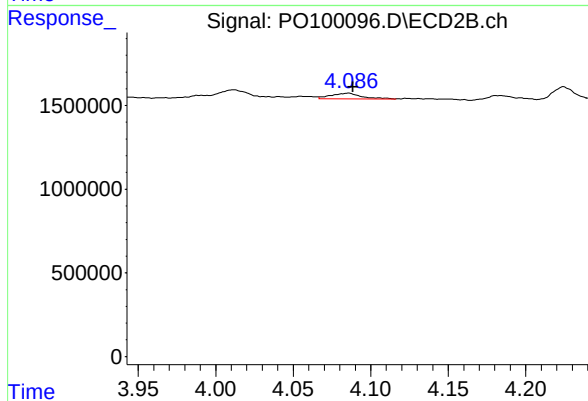
#9 AR-1221-2

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 895064
Conc: 68.69 ng/ml



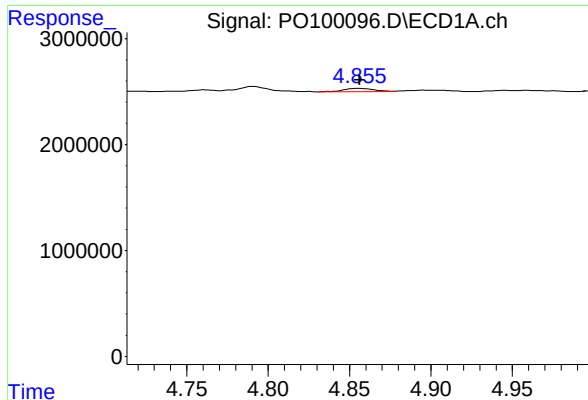
#10 AR-1221-3

R.T.: 4.855 min
Delta R.T.: -0.002 min
Response: 442017
Conc: 9.85 ng/ml



#10 AR-1221-3

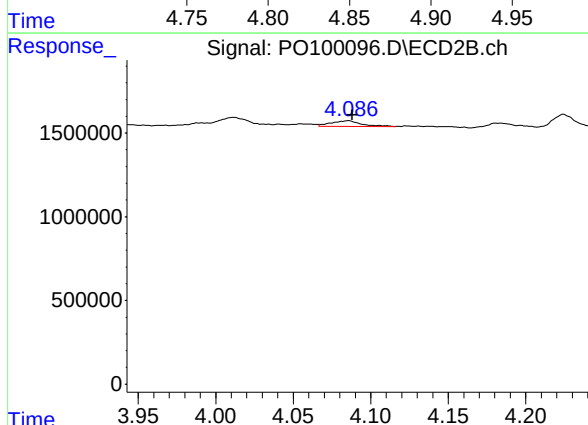
R.T.: 4.086 min
Delta R.T.: -0.003 min
Response: 468110
Conc: 13.03 ng/ml



#11 AR-1232-1

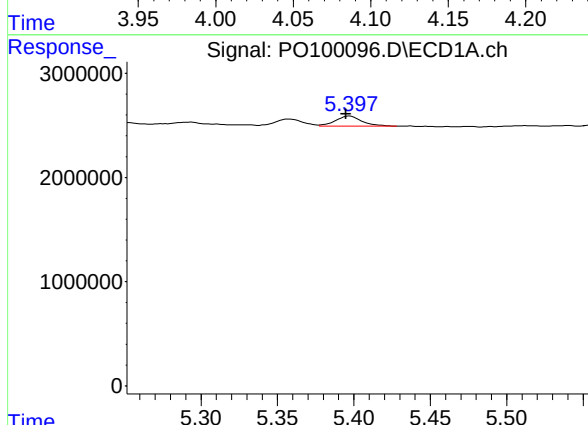
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 442017
Conc: 12.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



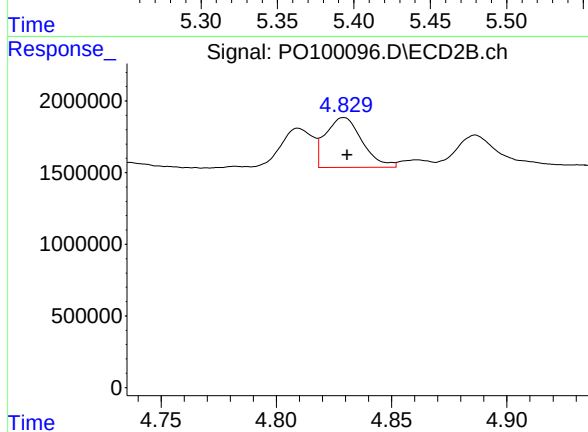
#11 AR-1232-1

R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 468110
Conc: 15.95 ng/ml



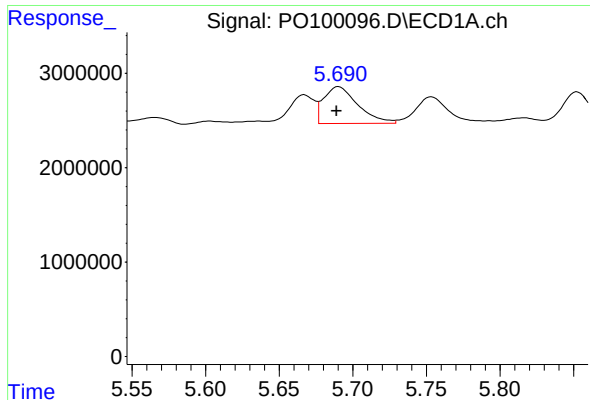
#12 AR-1232-2

R.T.: 5.397 min
Delta R.T.: 0.002 min
Response: 1174600
Conc: 67.49 ng/ml



#12 AR-1232-2

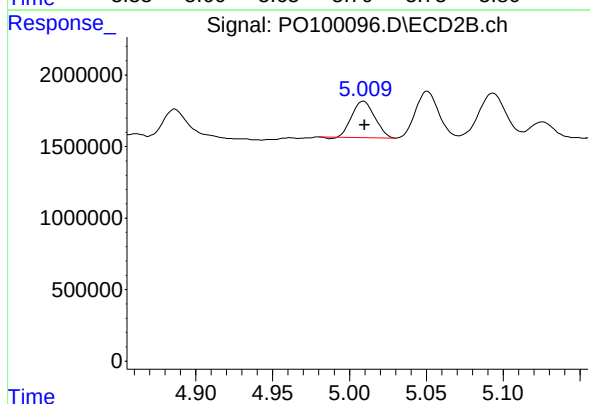
R.T.: 4.829 min
Delta R.T.: -0.001 min
Response: 3835300
Conc: 193.40 ng/ml



#13 AR-1232-3

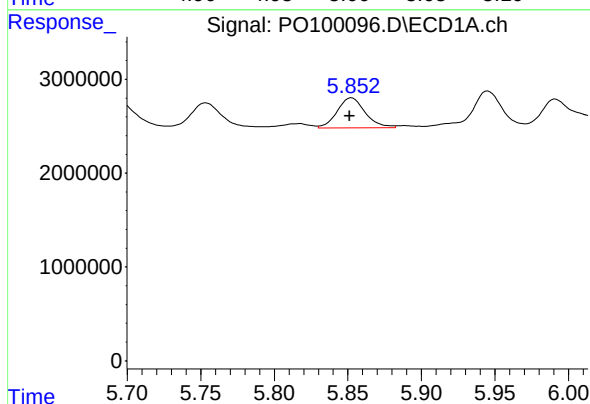
R.T.: 5.690 min
Delta R.T.: 0.001 min
Response: 6290183
Conc: 221.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



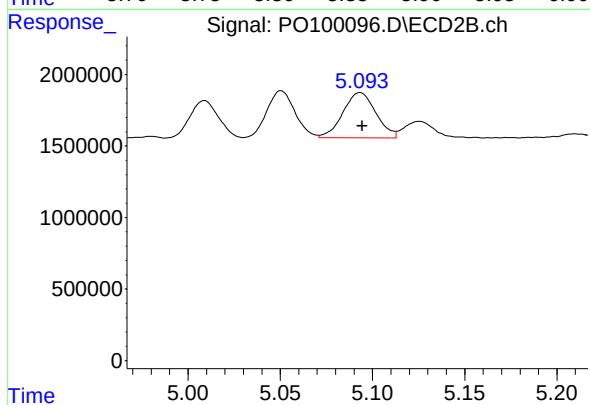
#13 AR-1232-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 2604351
Conc: 251.31 ng/ml



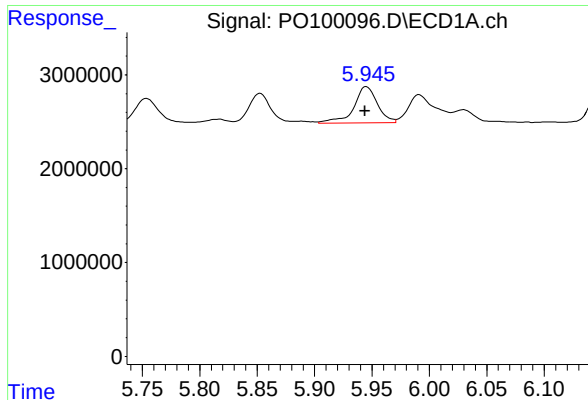
#14 AR-1232-4

R.T.: 5.853 min
Delta R.T.: 0.001 min
Response: 4285451
Conc: 308.49 ng/ml



#14 AR-1232-4

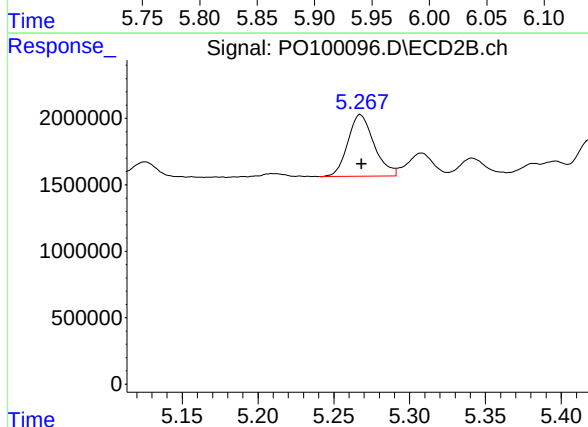
R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 3924615
Conc: 394.84 ng/ml



#15 AR-1232-5

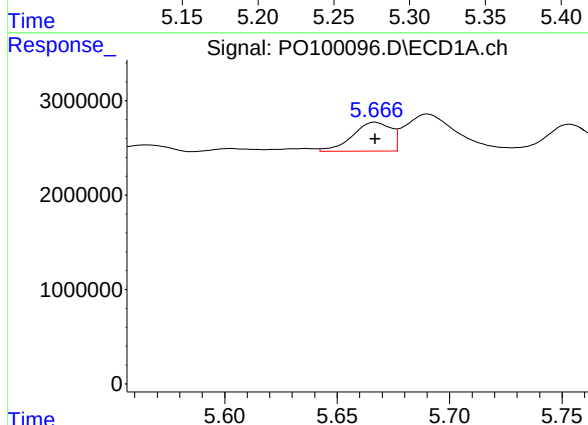
R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 5541492
Conc: 451.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



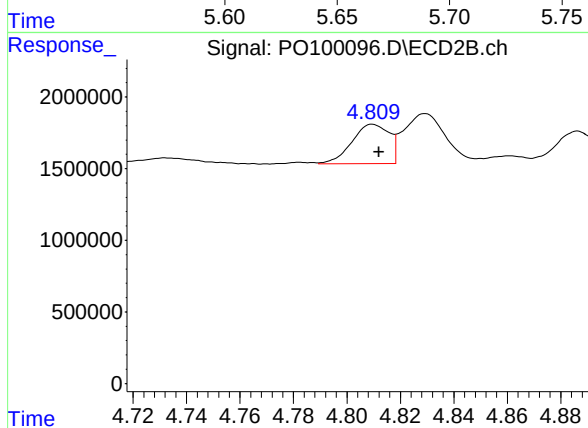
#15 AR-1232-5

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 5559175
Conc: 514.73 ng/ml



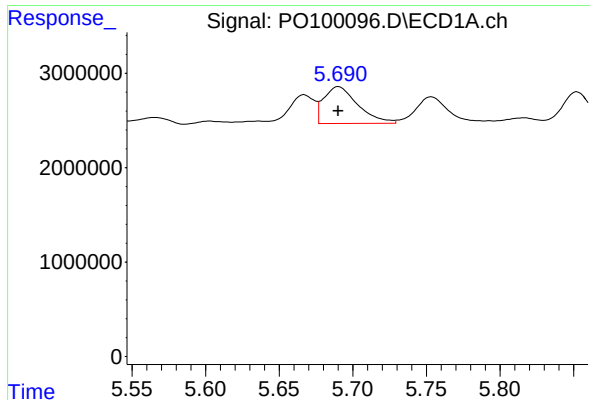
#16 AR-1242-1

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 3624447
Conc: 104.62 ng/ml



#16 AR-1242-1

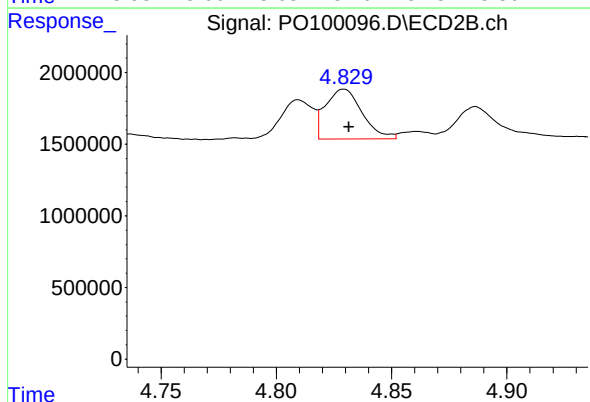
R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 2660271
Conc: 101.22 ng/ml



#17 AR-1242-2

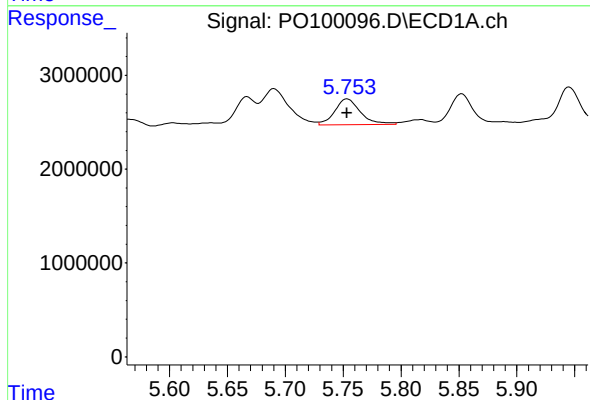
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 6290183
Conc: 119.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



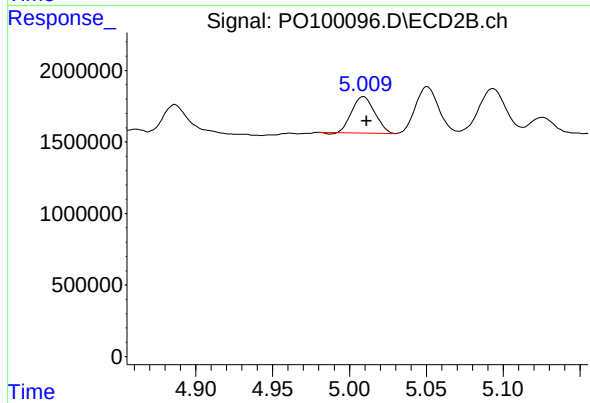
#17 AR-1242-2

R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 3835300
Conc: 109.07 ng/ml



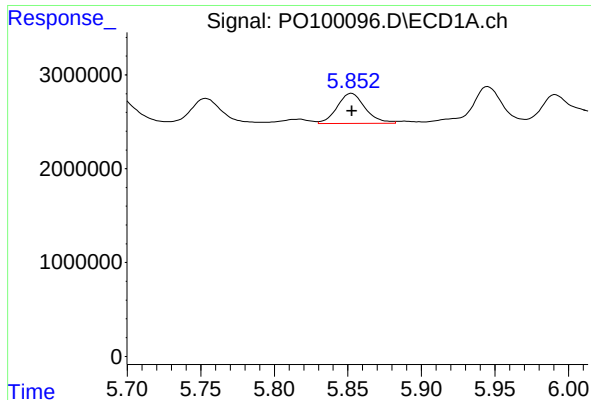
#18 AR-1242-3

R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 4271059
Conc: 122.72 ng/ml



#18 AR-1242-3

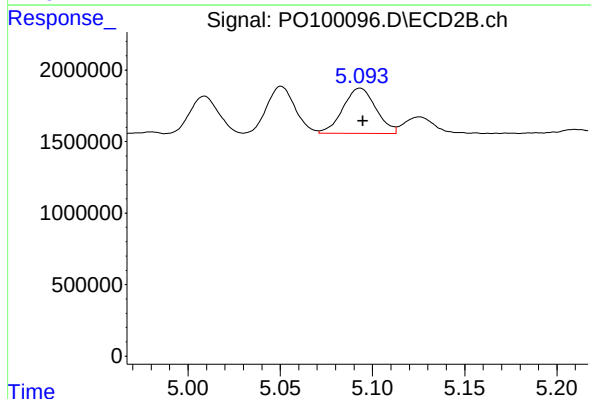
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 2604351
Conc: 136.00 ng/ml



#19 AR-1242-4

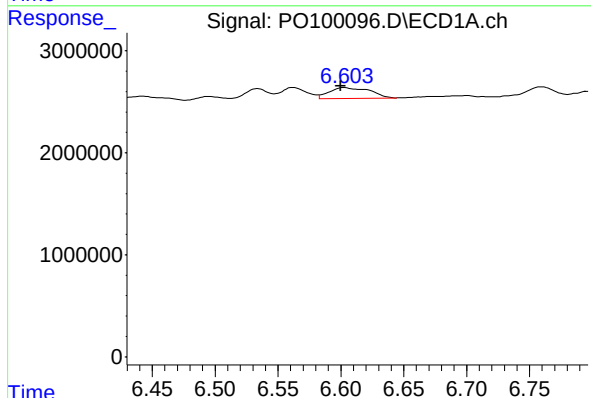
R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 4285451
Conc: 163.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



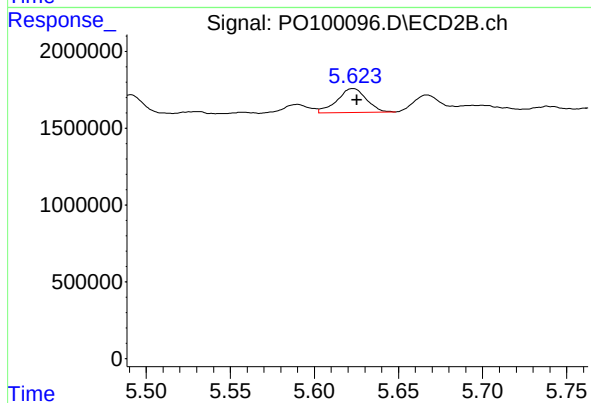
#19 AR-1242-4

R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 3924615
Conc: 194.85 ng/ml



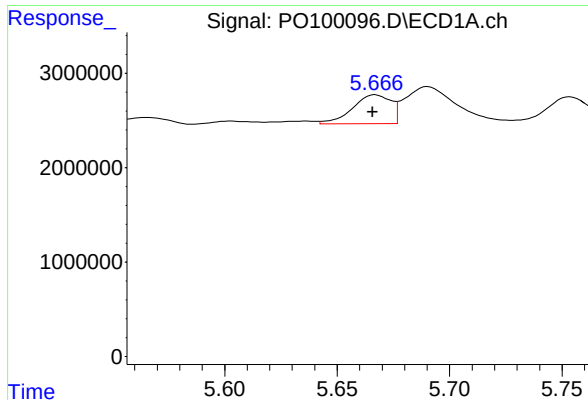
#20 AR-1242-5

R.T.: 6.603 min
Delta R.T.: 0.003 min
Response: 2387511
Conc: 106.78 ng/ml



#20 AR-1242-5

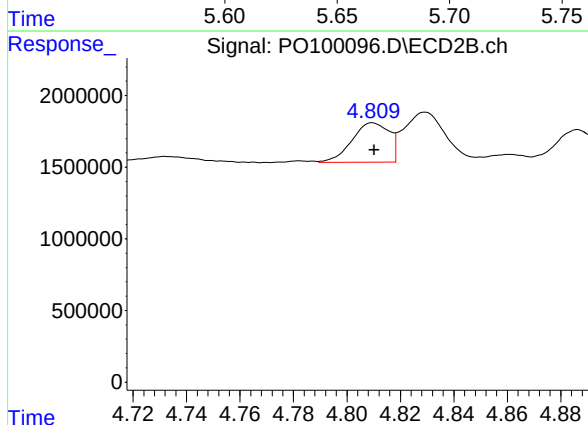
R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 1896039
Conc: 81.15 ng/ml



#21 AR-1248-1

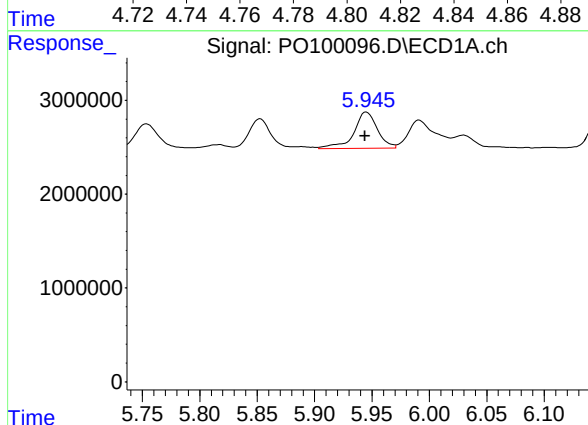
R.T.: 5.667 min
Delta R.T.: 0.001 min
Response: 3624447
Conc: 140.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



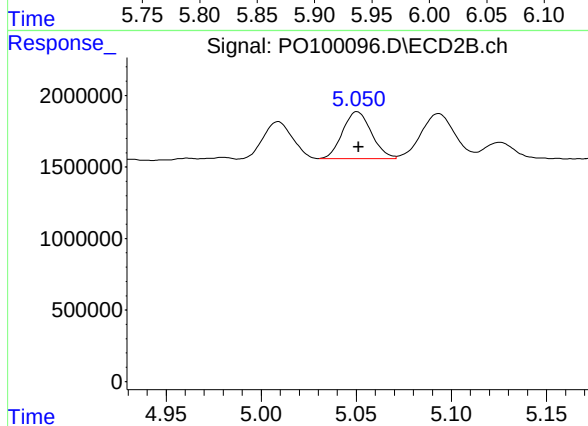
#21 AR-1248-1

R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 2660271
Conc: 133.07 ng/ml



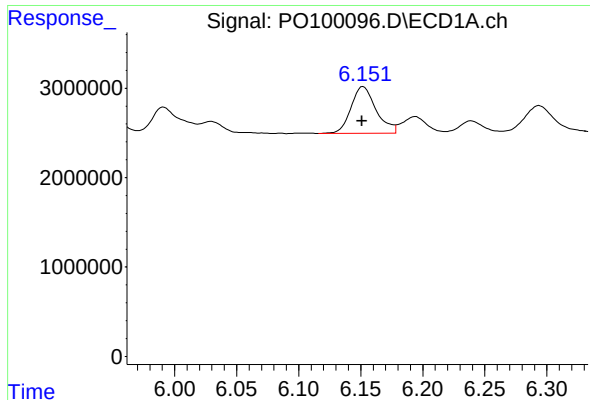
#22 AR-1248-2

R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 5541492
Conc: 135.50 ng/ml



#22 AR-1248-2

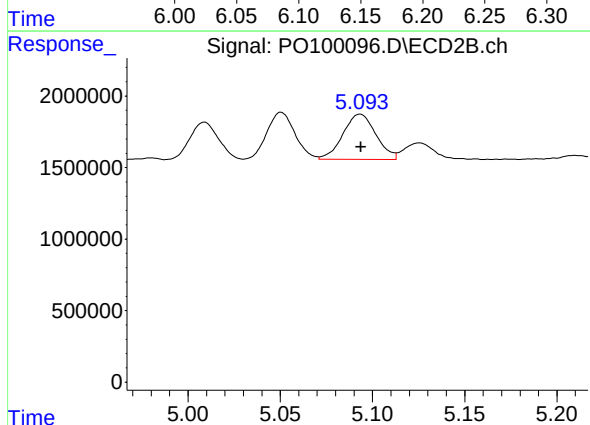
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 3466728
Conc: 123.90 ng/ml



#23 AR-1248-3

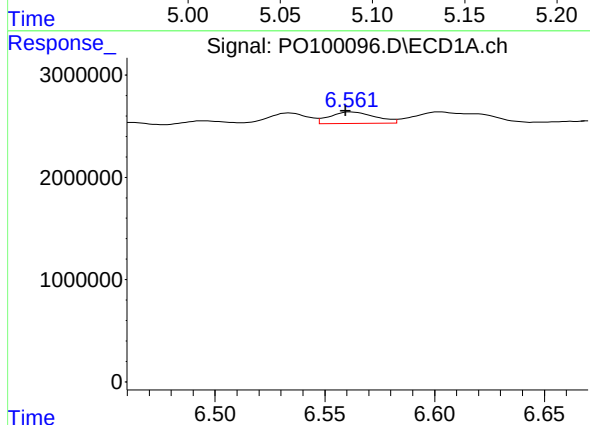
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 7343196
Conc: 171.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



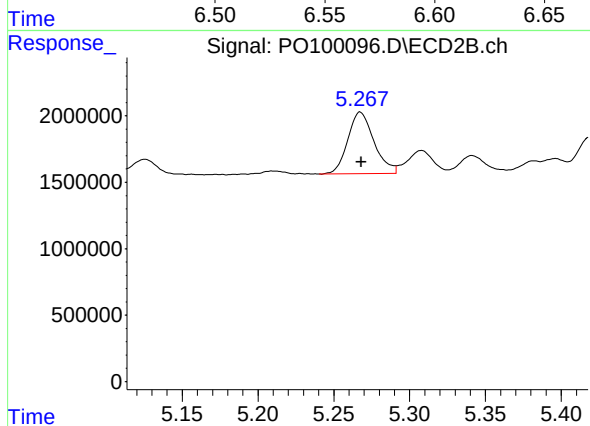
#23 AR-1248-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 3924615
Conc: 135.90 ng/ml



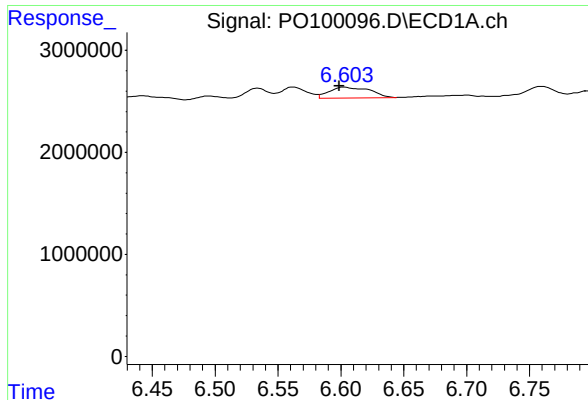
#24 AR-1248-4

R.T.: 6.562 min
Delta R.T.: 0.002 min
Response: 1625438
Conc: 43.12 ng/ml



#24 AR-1248-4

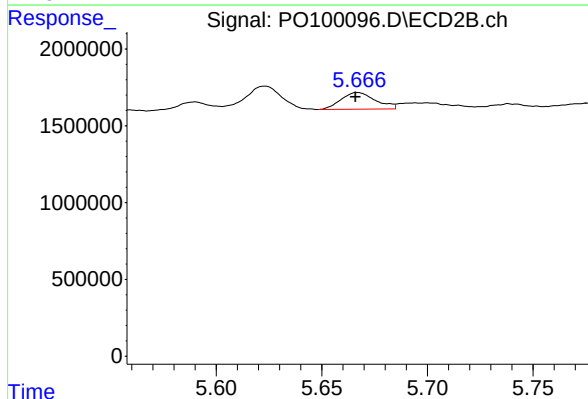
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 5559175
Conc: 169.54 ng/ml



#25 AR-1248-5

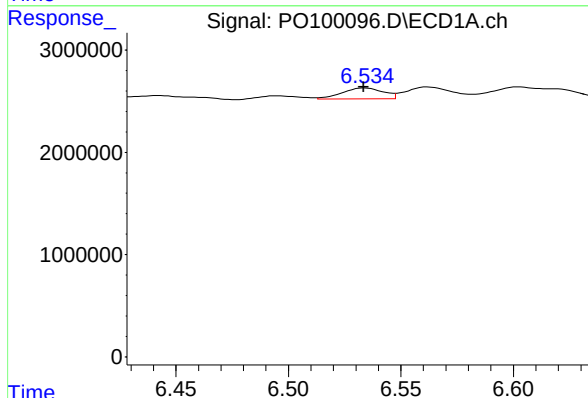
R.T.: 6.603 min
Delta R.T.: 0.004 min
Response: 2387511
Conc: 64.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



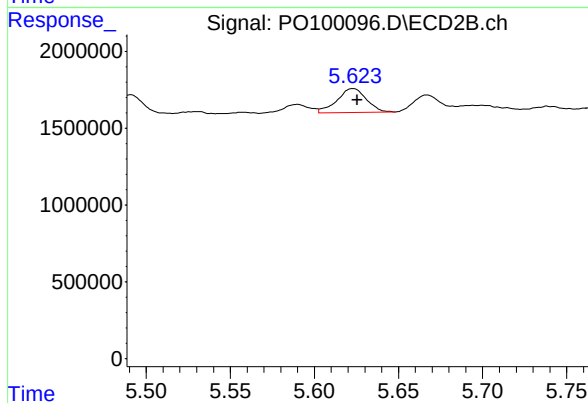
#25 AR-1248-5

R.T.: 5.667 min
Delta R.T.: 0.001 min
Response: 1246798
Conc: 41.74 ng/ml



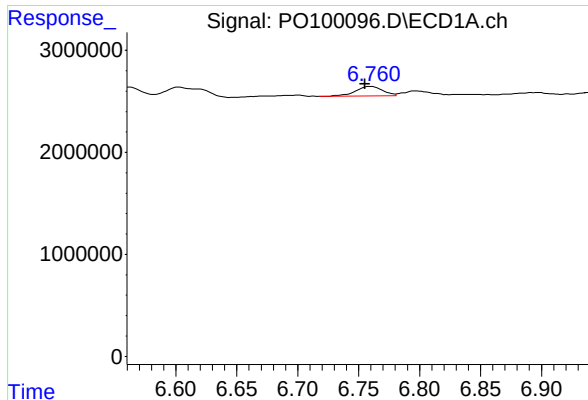
#26 AR-1254-1

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 1356296
Conc: 28.17 ng/ml



#26 AR-1254-1

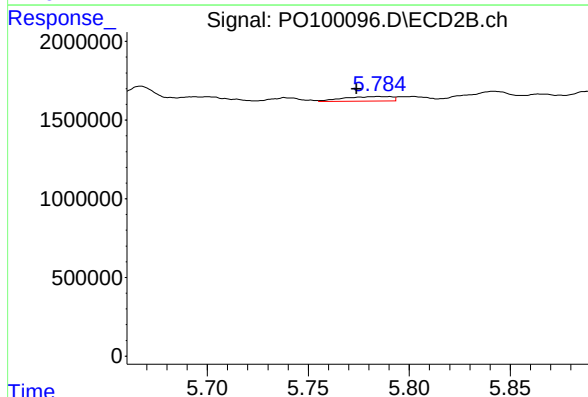
R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 1896039
Conc: 36.58 ng/ml



#27 AR-1254-2

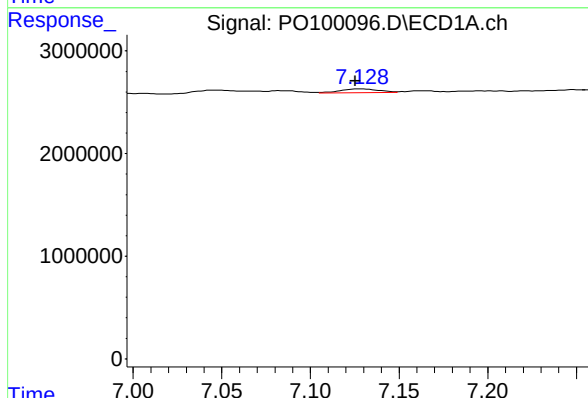
R.T.: 6.761 min
Delta R.T.: 0.005 min
Response: 1465499
Conc: 21.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



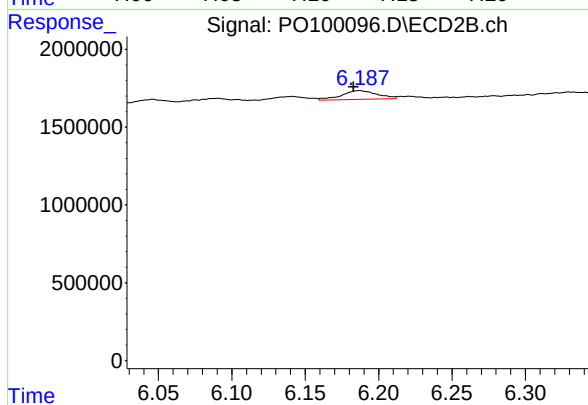
#27 AR-1254-2

R.T.: 5.784 min
Delta R.T.: 0.011 min
Response: 497207
Conc: 10.68 ng/ml



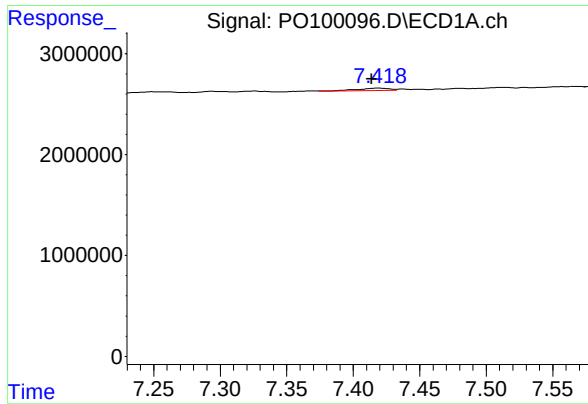
#28 AR-1254-3

R.T.: 7.128 min
Delta R.T.: 0.003 min
Response: 539975
Conc: 8.48 ng/ml



#28 AR-1254-3

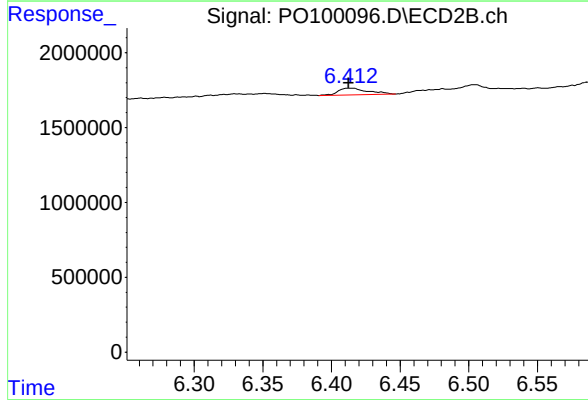
R.T.: 6.187 min
Delta R.T.: 0.004 min
Response: 943491
Conc: 12.10 ng/ml



#29 AR-1254-4

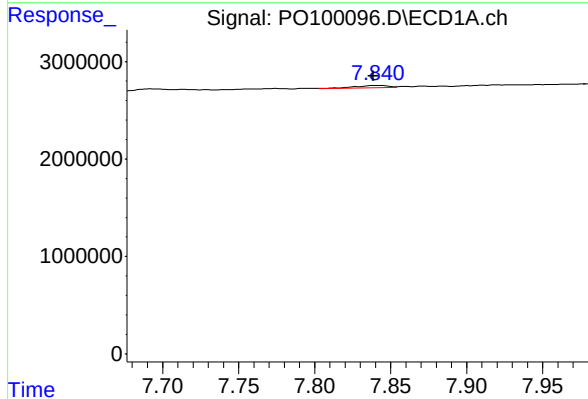
R.T.: 7.419 min
Delta R.T.: 0.006 min
Response: 406154
Conc: 10.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



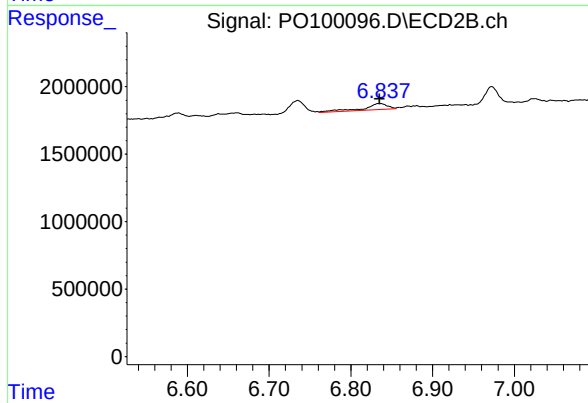
#29 AR-1254-4

R.T.: 6.414 min
Delta R.T.: 0.002 min
Response: 660127
Conc: 15.47 ng/ml



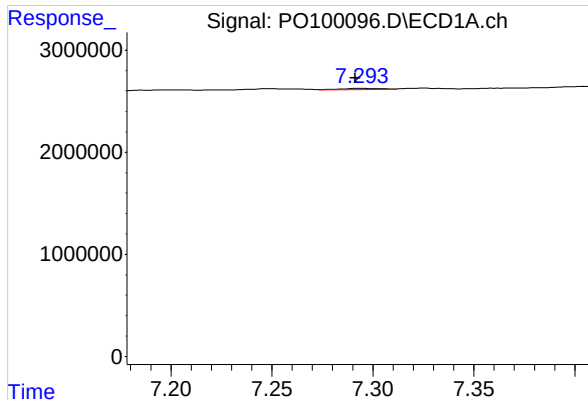
#30 AR-1254-5

R.T.: 7.841 min
Delta R.T.: 0.002 min
Response: 357500
Conc: 8.35 ng/ml



#30 AR-1254-5

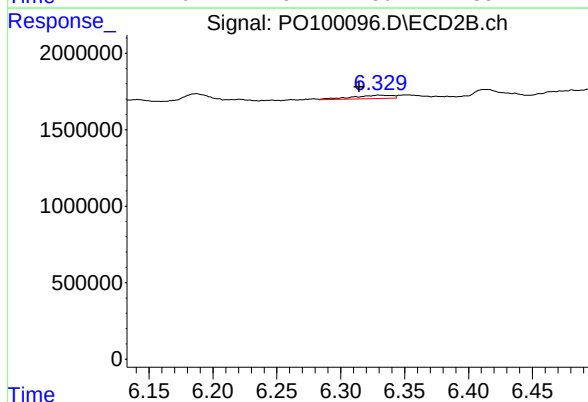
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 914877
Conc: 12.64 ng/ml



#31 AR-1260-1

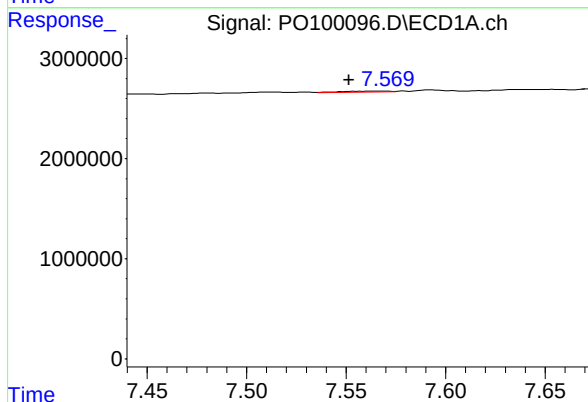
R.T.: 7.294 min
Delta R.T.: 0.003 min
Response: 160949
Conc: 3.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



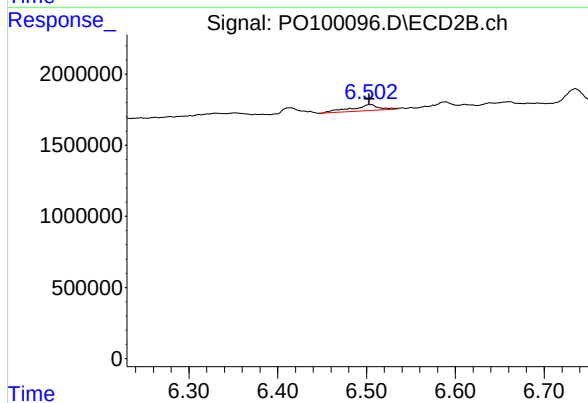
#31 AR-1260-1

R.T.: 6.330 min
Delta R.T.: 0.015 min
Response: 497128
Conc: 8.60 ng/ml



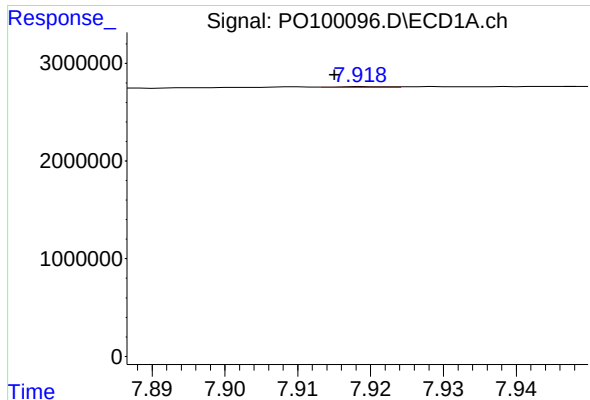
#32 AR-1260-2

R.T.: 7.570 min
Delta R.T.: 0.019 min
Response: 187769
Conc: 3.55 ng/ml



#32 AR-1260-2

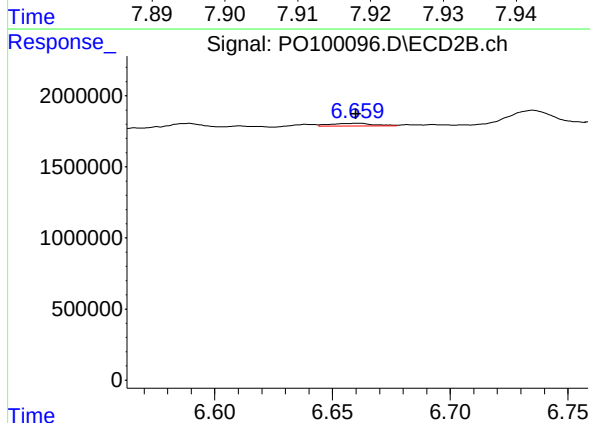
R.T.: 6.504 min
Delta R.T.: 0.001 min
Response: 911722
Conc: 13.73 ng/ml



#33 AR-1260-3

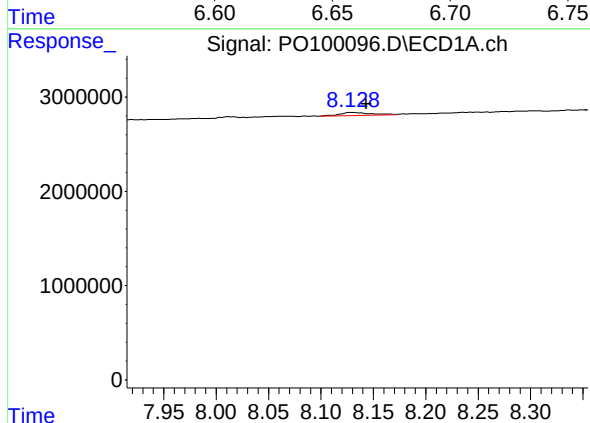
R.T.: 7.920 min
Delta R.T.: 0.004 min
Response: 42245
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



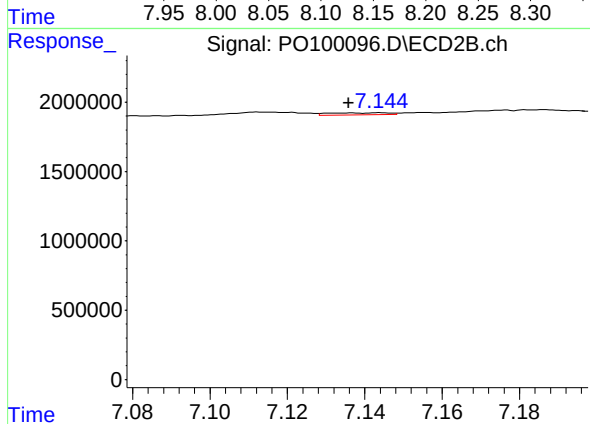
#33 AR-1260-3

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 233283
Conc: 3.65 ng/ml



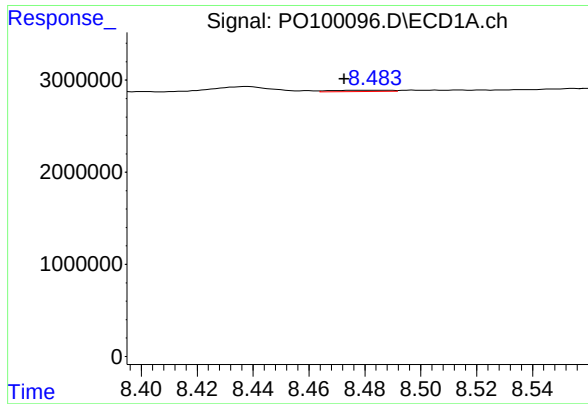
#34 AR-1260-4

R.T.: 8.129 min
Delta R.T.: -0.015 min
Response: 691109
Conc: 16.70 ng/ml



#34 AR-1260-4

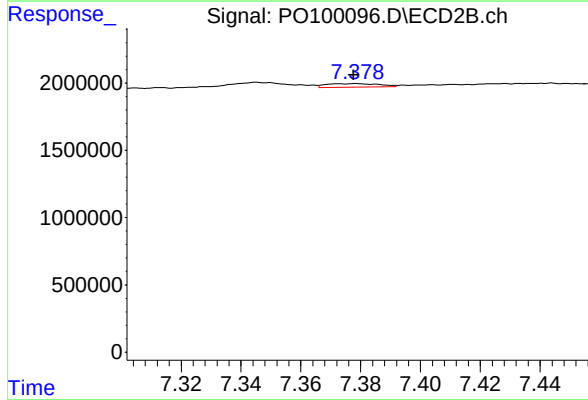
R.T.: 7.144 min
Delta R.T.: 0.008 min
Response: 158622
Conc: 3.15 ng/ml



#35 AR-1260-5

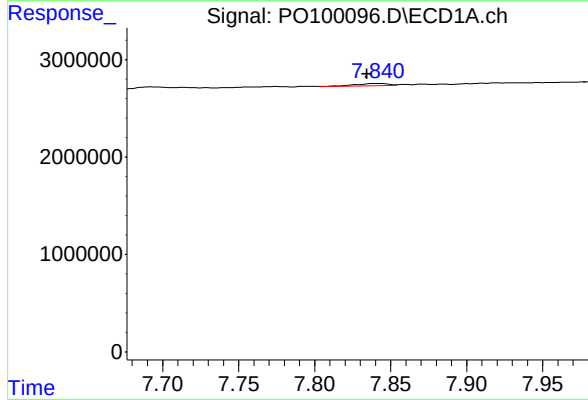
R.T.: 8.482 min
Delta R.T.: 0.009 min
Response: 193111
Conc: 2.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



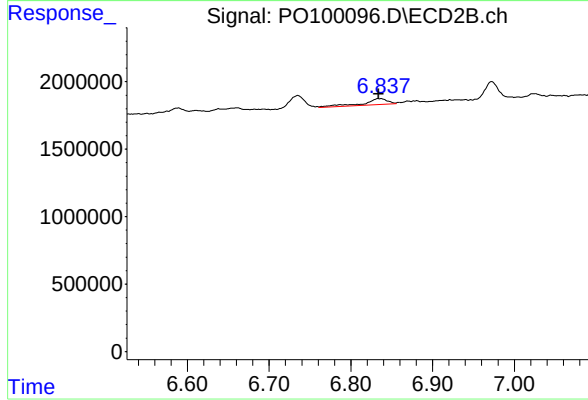
#35 AR-1260-5

R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 323916
Conc: 2.89 ng/ml



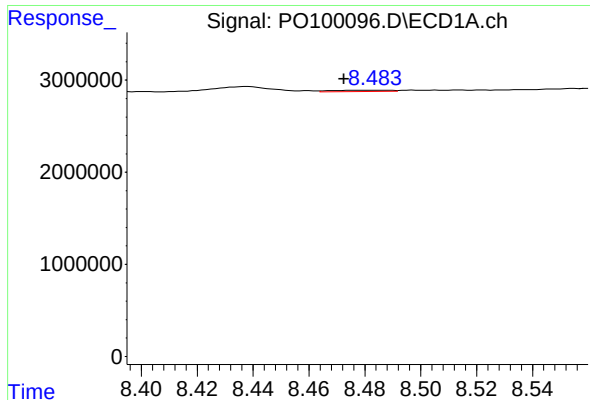
#36 AR-1262-1

R.T.: 7.841 min
Delta R.T.: 0.006 min
Response: 357500
Conc: 9.88 ng/ml



#36 AR-1262-1

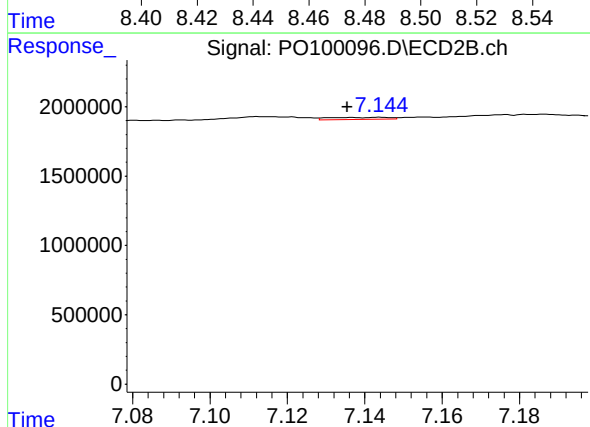
R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 914877
Conc: 23.94 ng/ml



#37 AR-1262-2

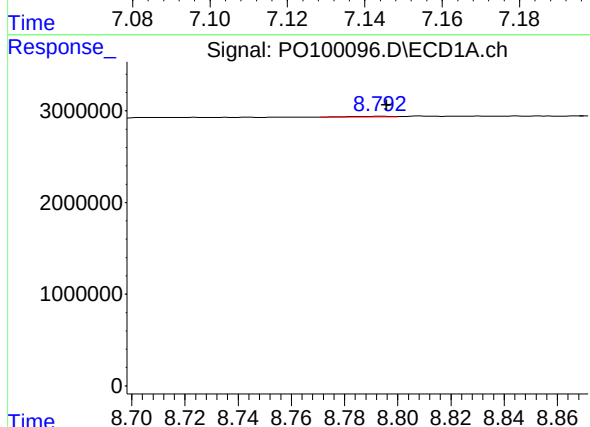
R.T.: 8.482 min
Delta R.T.: 0.010 min
Response: 193111
Conc: 2.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



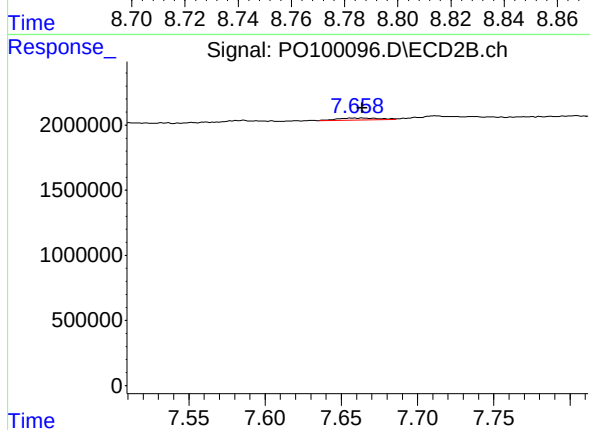
#37 AR-1262-2

R.T.: 7.144 min
Delta R.T.: 0.008 min
Response: 158622
Conc: 2.10 ng/ml



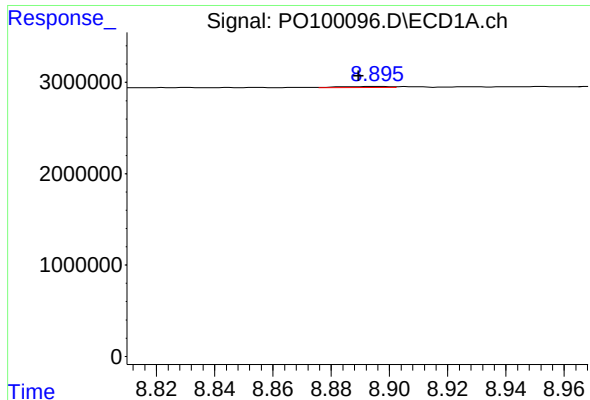
#38 AR-1262-3

R.T.: 8.794 min
Delta R.T.: -0.002 min
Response: 96819
Conc: 1.61 ng/ml



#38 AR-1262-3

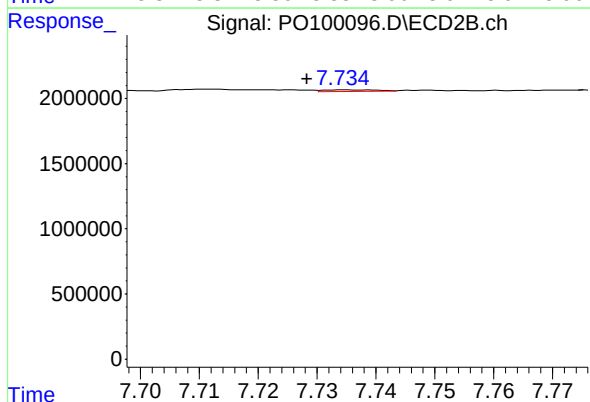
R.T.: 7.657 min
Delta R.T.: -0.007 min
Response: 276399
Conc: 4.75 ng/ml



#39 AR-1262-4

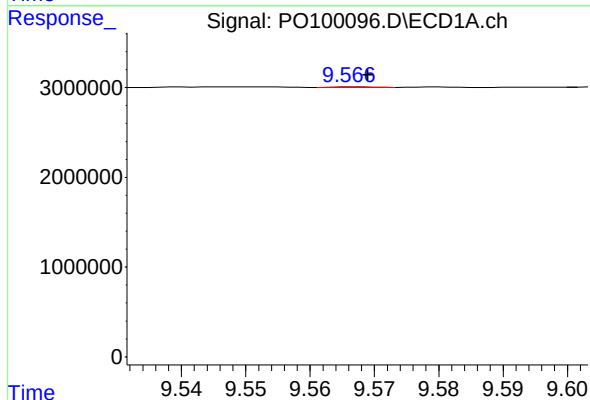
R.T.: 8.896 min
Delta R.T.: 0.006 min
Response: 127783
Conc: 2.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



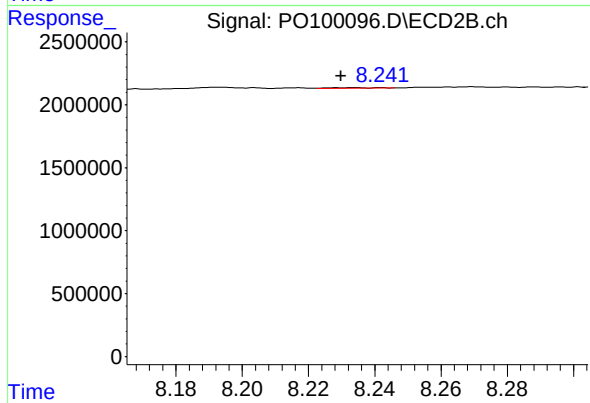
#39 AR-1262-4

R.T.: 7.735 min
Delta R.T.: 0.007 min
Response: 76780
Conc: 0.75 ng/ml



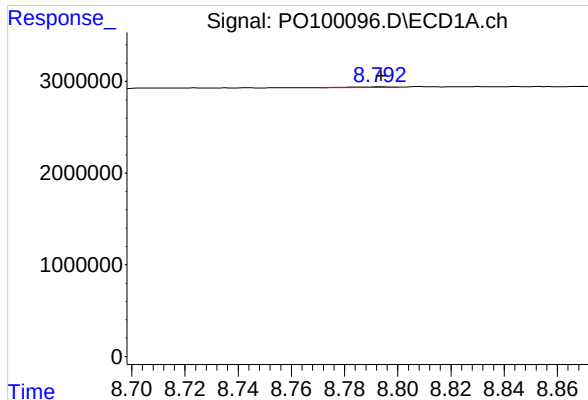
#40 AR-1262-5

R.T.: 9.567 min
Delta R.T.: -0.002 min
Response: 28526
Conc: 1.09 ng/ml



#40 AR-1262-5

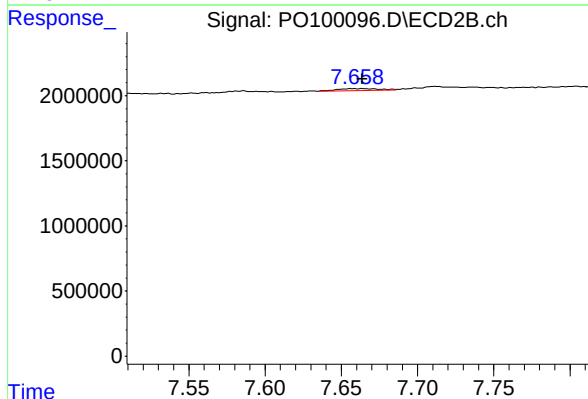
R.T.: 8.234 min
Delta R.T.: 0.004 min
Response: 45312
Conc: 1.04 ng/ml



#41 AR-1268-1

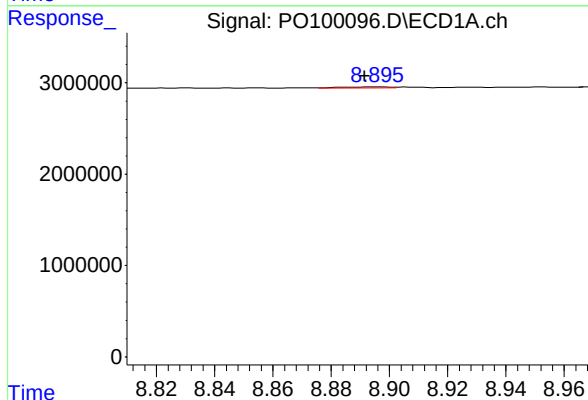
R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 96819
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



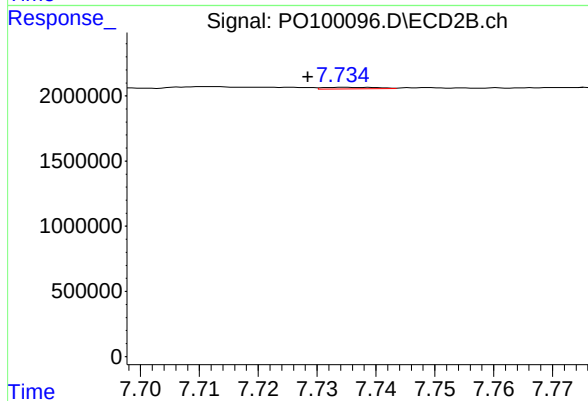
#41 AR-1268-1

R.T.: 7.657 min
Delta R.T.: -0.006 min
Response: 276399
Conc: 1.66 ng/ml



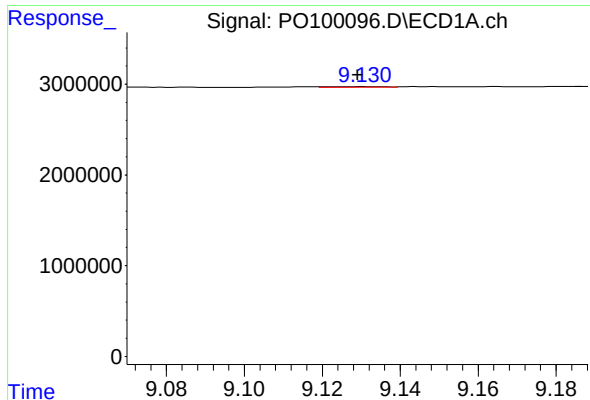
#42 AR-1268-2

R.T.: 8.896 min
Delta R.T.: 0.004 min
Response: 127783
Conc: 1.33 ng/ml



#42 AR-1268-2

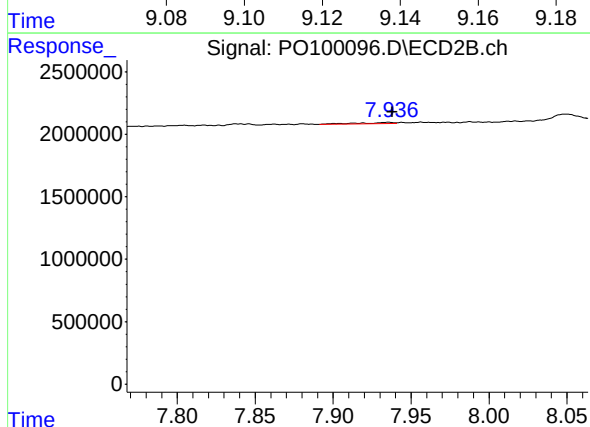
R.T.: 7.735 min
Delta R.T.: 0.007 min
Response: 76780
Conc: 0.50 ng/ml



#43 AR-1268-3

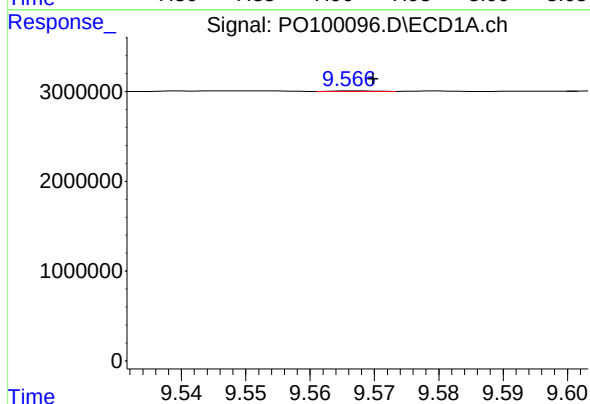
R.T.: 9.131 min
Delta R.T.: 0.002 min
Response: 52904
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



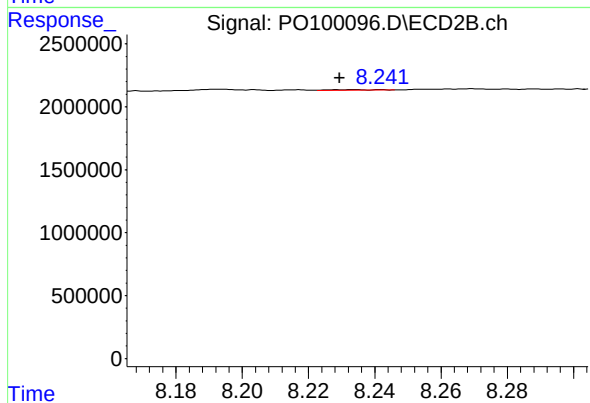
#43 AR-1268-3

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 173566
Conc: 1.21 ng/ml



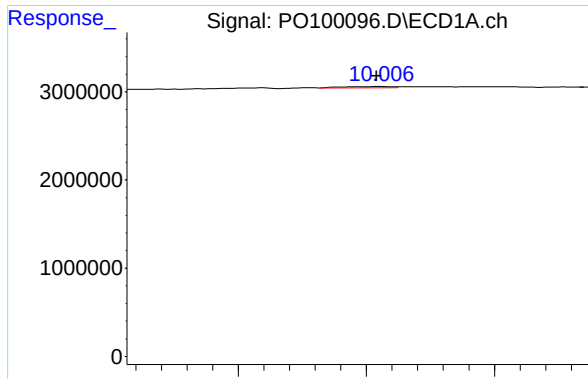
#44 AR-1268-4

R.T.: 9.567 min
Delta R.T.: -0.003 min
Response: 28526
Conc: 1.00 ng/ml



#44 AR-1268-4

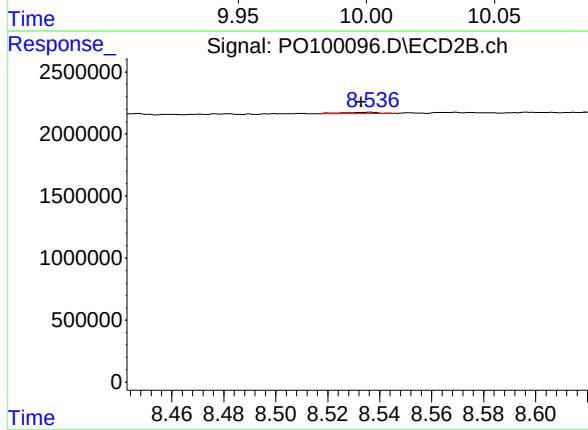
R.T.: 8.234 min
Delta R.T.: 0.005 min
Response: 45312
Conc: 0.96 ng/ml



#45 AR-1268-5

R.T.: 10.006 min
Delta R.T.: 0.002 min
Response: 194123
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.537 min
Delta R.T.: 0.004 min
Response: 111990
Conc: 0.28 ng/ml