

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080923\
 Data File : P0096896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 07:29
 Operator : YP/AJ
 Sample : 03937-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 09:15:29 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...	4.410	3.618	62326440	26046474	18.829	19.676
2) SA Decachlor...	10.353	8.638	34531095	18481136	15.781	15.974
Target Compounds						
3) L1 AR-1016-1	5.592	4.691	3387068	203990	35.962	4.601 #
4) L1 AR-1016-2	5.622	4.691f	5646687	203990	42.211	3.335 #
5) L1 AR-1016-3	5.672	4.950f	1507076	589234	17.319	18.037
6) L1 AR-1016-4	5.745	4.950	398158	589234	5.928	20.612 #
7) L1 AR-1016-5	6.084	5.200f	126023	1331340	1.805	34.628 #
8) L2 AR-1221-1	4.618	0.000	1800431	0	44.177	N.D. #
9) L2 AR-1221-2	4.720	3.907	1342429	1173097	44.188	90.792 #
10) L2 AR-1221-3	4.785	0.000	29931	0	0.342	N.D. #
11) L3 AR-1232-1	4.785	0.000	29931	0	0.410	N.D. #
12) L3 AR-1232-2	5.298	4.691	297147	203990	7.495	7.070
13) L3 AR-1232-3	5.622	4.950f	5646687	589234	92.307	38.863 #
14) L3 AR-1232-4	5.745	4.950f	398158	589234	13.048	39.428 #
15) L3 AR-1232-5	5.877	5.200f	196952	1331340	7.038	81.444 #
16) L4 AR-1242-1	5.592	4.691	3387068	203990	40.410	5.174 #
17) L4 AR-1242-2	5.622	4.691f	5646687	203990	47.950	3.744 #
18) L4 AR-1242-3	5.672	4.950f	1507076	589234	20.401	19.928
19) L4 AR-1242-4	5.745	4.950f	398158	589234	6.688	18.698 #
20) L4 AR-1242-5	6.536	5.508	511999	171800	9.306	4.715 #
21) L5 AR-1248-1	5.592	4.691	3387068	203990	57.806	7.269 #
22) L5 AR-1248-2	5.877	4.950	196952	589234	2.095	13.903 #
23) L5 AR-1248-3	6.084	4.950f	126023	589234	1.288	13.433 #
24) L5 AR-1248-4	6.498	5.200f	728522	1331340	8.020	26.079 #
25) L5 AR-1248-5	6.536	5.589f	511999	999579	5.812	21.381 #
26) L6 AR-1254-1	6.472	5.508	1440043	171800	13.176	2.328 #
27) L6 AR-1254-2	6.671	5.648	32930	231742	0.204	3.518 #
28) L6 AR-1254-3	7.073	6.089	2255958	6103987	14.397	60.398 #
29) L6 AR-1254-4	7.344	6.244f	313972	2692202	3.114	46.518 #
30) L6 AR-1254-5	7.801	6.706	1456894	311103	12.983	3.539 #
31) L7 AR-1260-1	7.228	6.244f	598013	2692202	4.758	38.259 #
32) L7 AR-1260-2	7.499	6.412	369381	199945	2.742	2.396
33) L7 AR-1260-3	7.898	6.473f	1886909	336676	18.183	4.360 #
34) L7 AR-1260-4	8.104	6.985	257278	1366811	2.301	21.329 #
35) L7 AR-1260-5	8.436	7.261	2125007	1693972	10.120	12.219
36) L8 AR-1262-1	7.898f	6.748f	1886909	371350	12.704	9.433 #
37) L8 AR-1262-2	8.436	6.985	2125007	1366811	9.181	16.852 #
38) L8 AR-1262-3	8.766	7.531	-277323	236338	N.D.	3.683 #
39) L8 AR-1262-4	8.850	7.604	251407	96773	3.448	0.852 #
40) L8 AR-1262-5	9.547	8.132	80908	200663	0.972	3.821 #
41) L9 AR-1268-1	8.766	7.531	-277323	236338	N.D.	1.276 #

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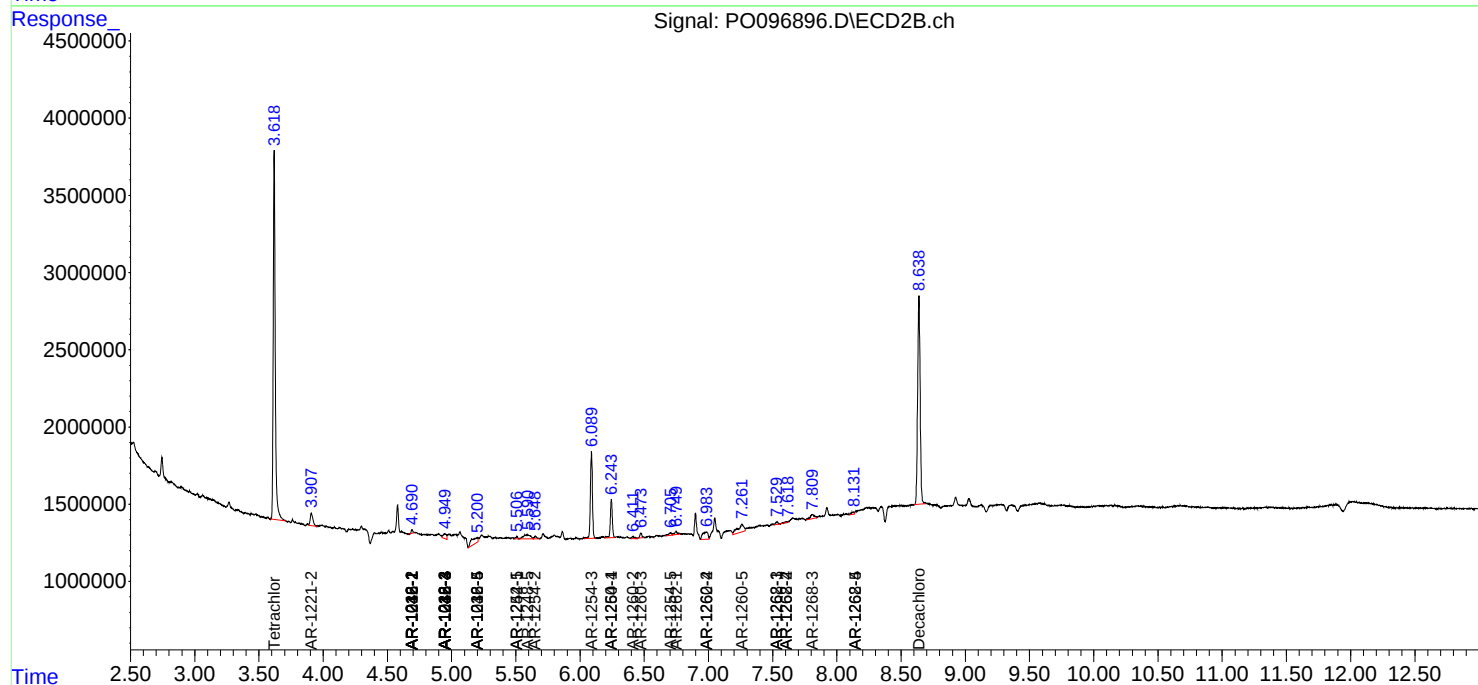
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

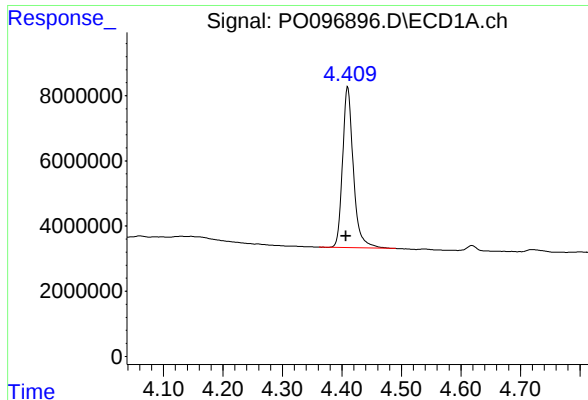
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.850	7.604	251407	96773	0.917	0.577 #
43) L9	AR-1268-3	9.097	7.809	425573	659051	1.666	4.562 #
44) L9	AR-1268-4	9.547	8.132	80908	200663	0.873	3.368 #

(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

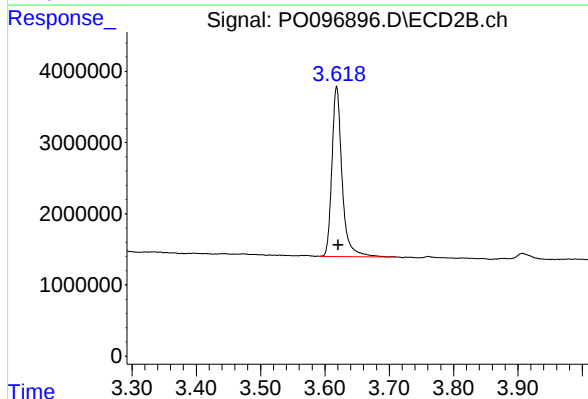




#1 Tetrachloro-m-xylene

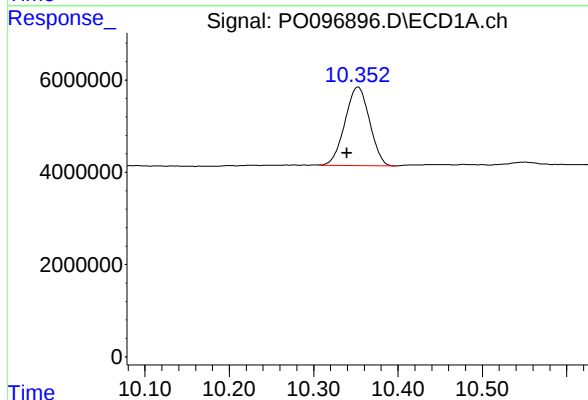
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 62326440
Conc: 18.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



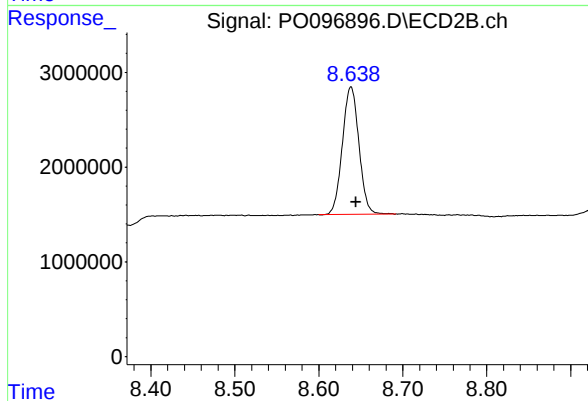
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 26046474
Conc: 19.68 ng/ml



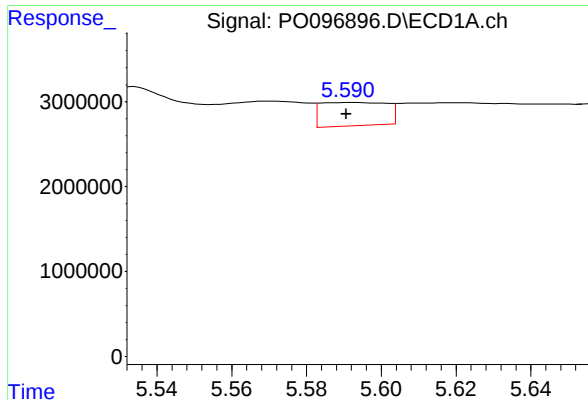
#2 Decachlorobiphenyl

R.T.: 10.353 min
Delta R.T.: 0.013 min
Response: 34531095
Conc: 15.78 ng/ml



#2 Decachlorobiphenyl

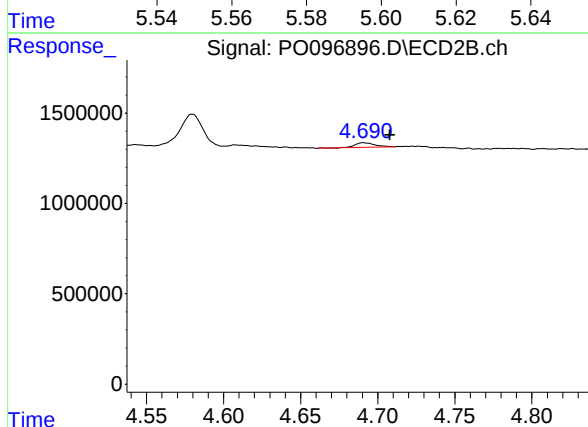
R.T.: 8.638 min
Delta R.T.: -0.006 min
Response: 18481136
Conc: 15.97 ng/ml



#3 AR-1016-1

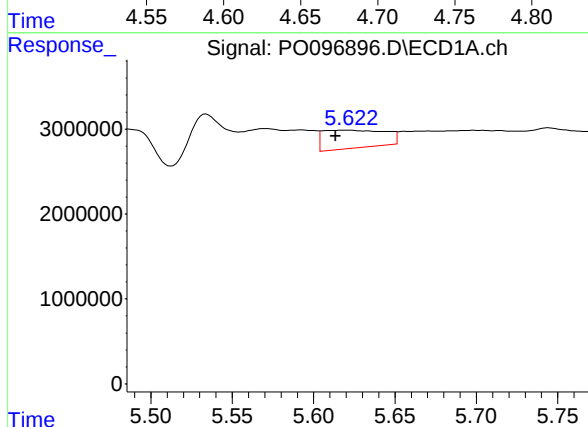
R.T.: 5.592 min
Delta R.T.: 0.001 min
Response: 3387068
Conc: 35.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



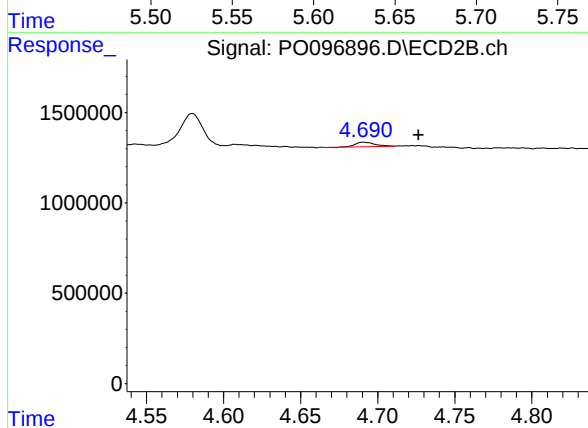
#3 AR-1016-1

R.T.: 4.691 min
Delta R.T.: -0.017 min
Response: 203990
Conc: 4.60 ng/ml



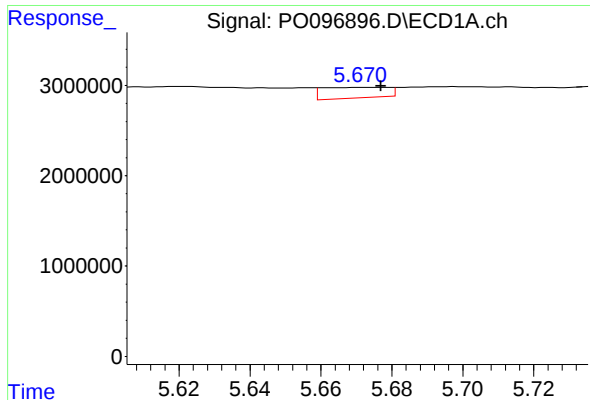
#4 AR-1016-2

R.T.: 5.622 min
Delta R.T.: 0.008 min
Response: 5646687
Conc: 42.21 ng/ml



#4 AR-1016-2

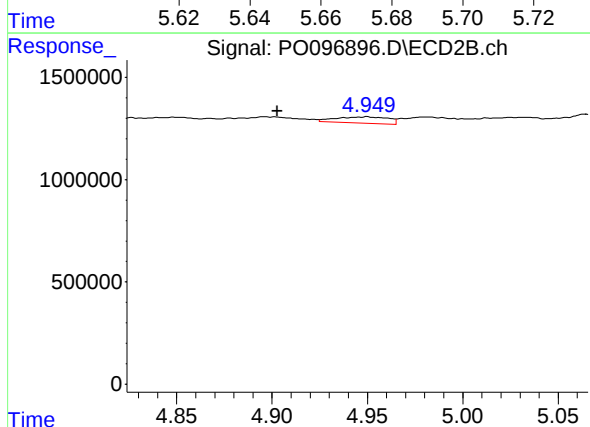
R.T.: 4.691 min
Delta R.T.: -0.035 min
Response: 203990
Conc: 3.33 ng/ml



#5 AR-1016-3

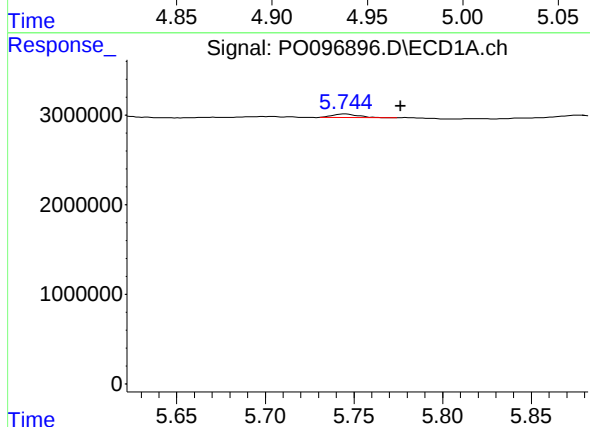
R.T.: 5.672 min
Delta R.T.: -0.005 min
Response: 1507076
Conc: 17.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



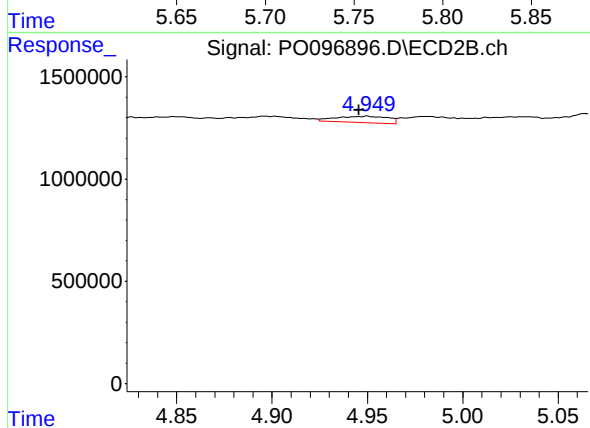
#5 AR-1016-3

R.T.: 4.950 min
Delta R.T.: 0.047 min
Response: 589234
Conc: 18.04 ng/ml



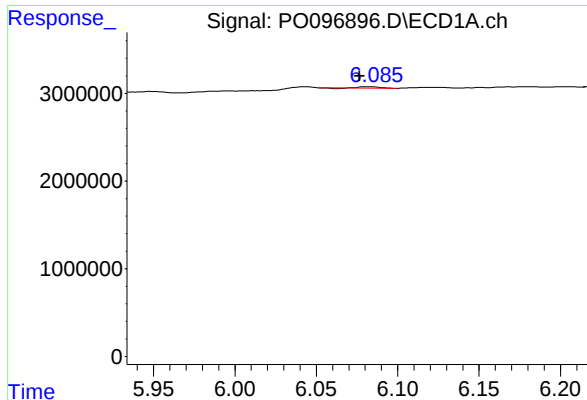
#6 AR-1016-4

R.T.: 5.745 min
Delta R.T.: -0.032 min
Response: 398158
Conc: 5.93 ng/ml



#6 AR-1016-4

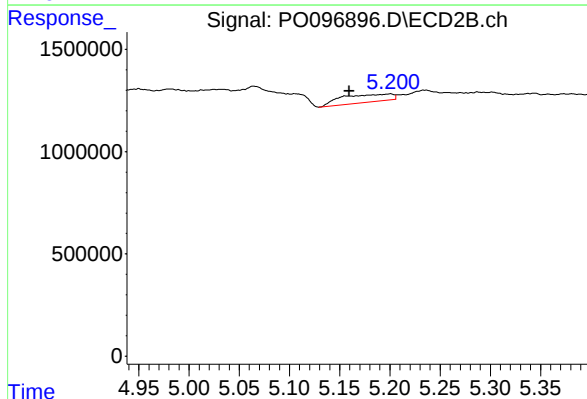
R.T.: 4.950 min
Delta R.T.: 0.004 min
Response: 589234
Conc: 20.61 ng/ml



#7 AR-1016-5

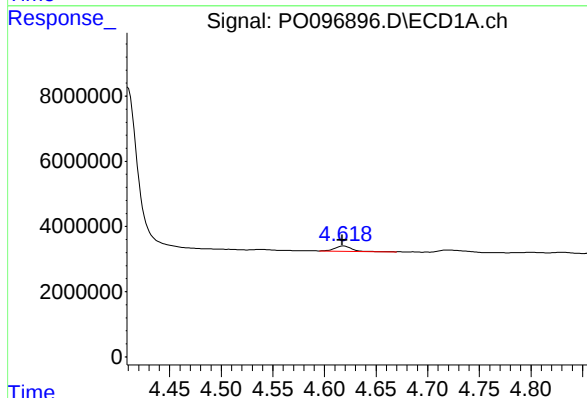
R.T.: 6.084 min
Delta R.T.: 0.008 min
Response: 126023
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



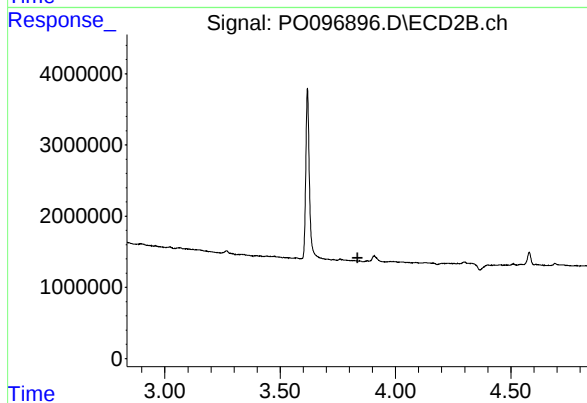
#7 AR-1016-5

R.T.: 5.200 min
Delta R.T.: 0.041 min
Response: 1331340
Conc: 34.63 ng/ml



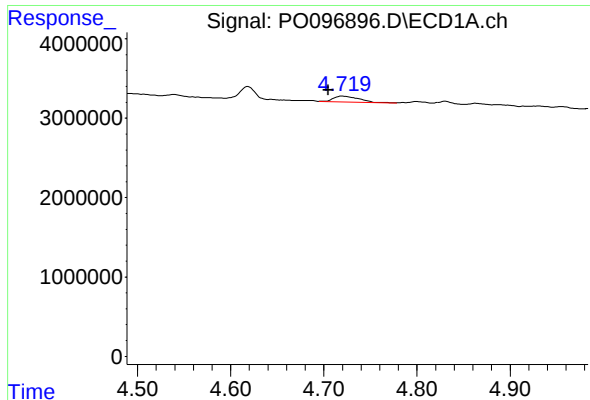
#8 AR-1221-1

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 1800431
Conc: 44.18 ng/ml



#8 AR-1221-1

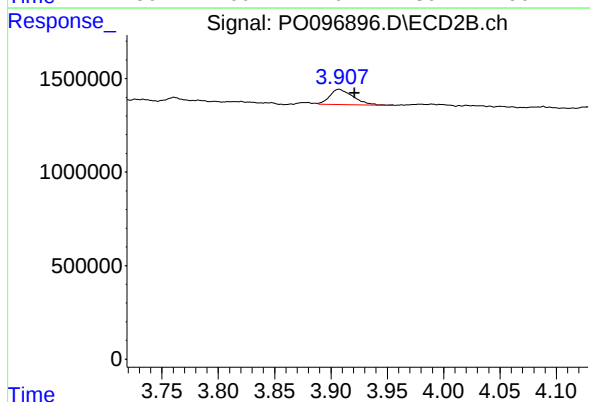
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

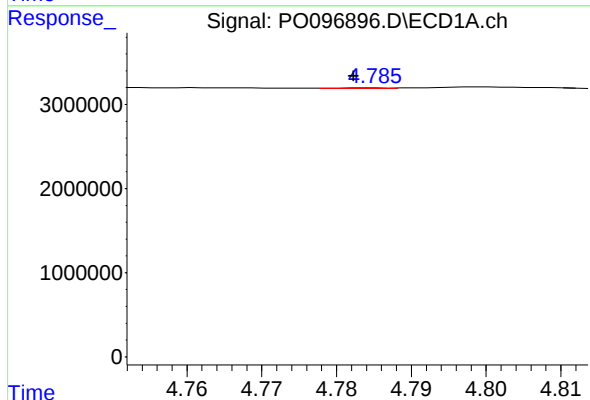
R.T.: 4.720 min
Delta R.T.: 0.015 min
Response: 1342429
Conc: 44.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



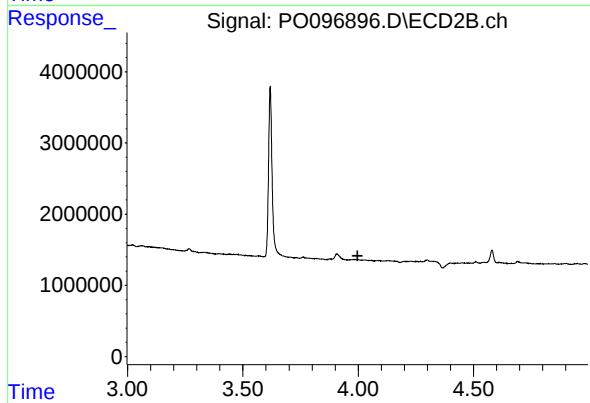
#9 AR-1221-2

R.T.: 3.907 min
Delta R.T.: -0.014 min
Response: 1173097
Conc: 90.79 ng/ml



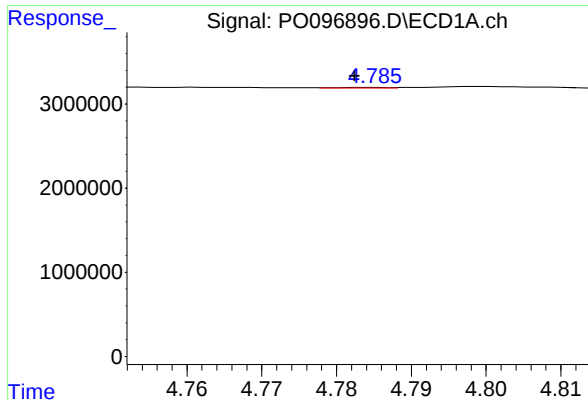
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 29931
Conc: 0.34 ng/ml



#10 AR-1221-3

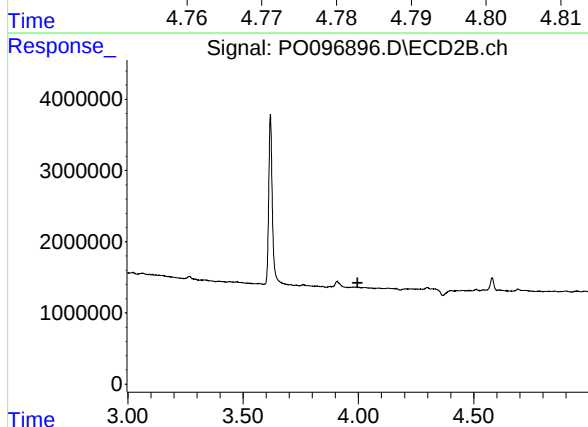
R.T.: 0.000 min
Exp R.T.: 3.997 min
Response: 0
Conc: N.D.



#11 AR-1232-1

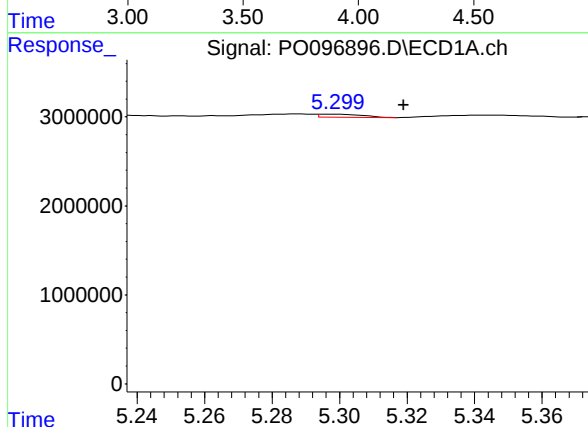
R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 29931
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



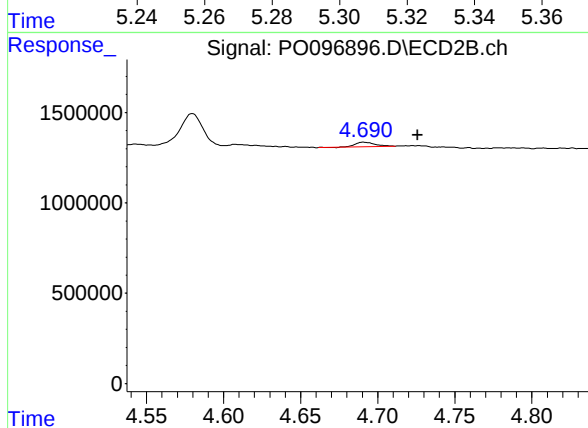
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.996 min
Response: 0
Conc: N.D.



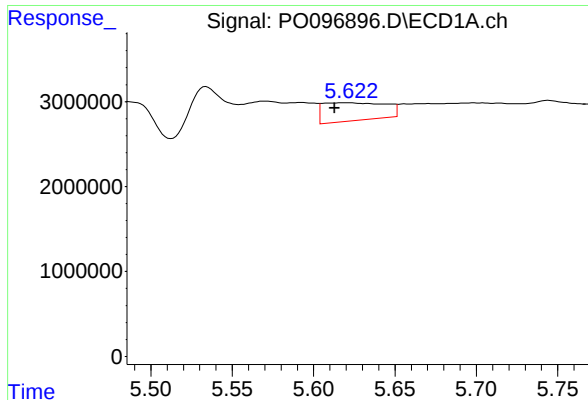
#12 AR-1232-2

R.T.: 5.298 min
Delta R.T.: -0.021 min
Response: 297147
Conc: 7.50 ng/ml



#12 AR-1232-2

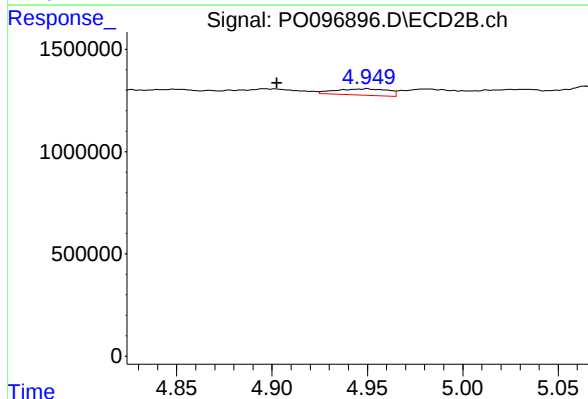
R.T.: 4.691 min
Delta R.T.: -0.035 min
Response: 203990
Conc: 7.07 ng/ml



#13 AR-1232-3

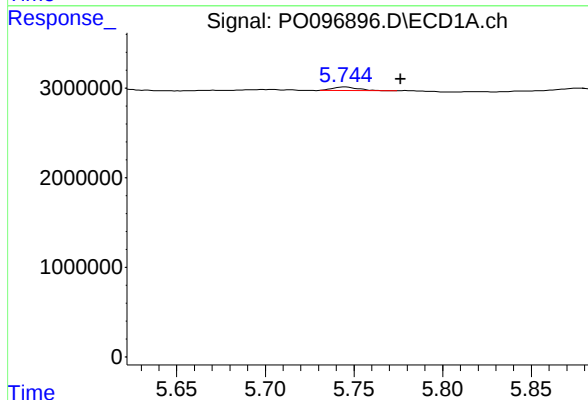
R.T.: 5.622 min
Delta R.T.: 0.009 min
Response: 5646687
Conc: 92.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



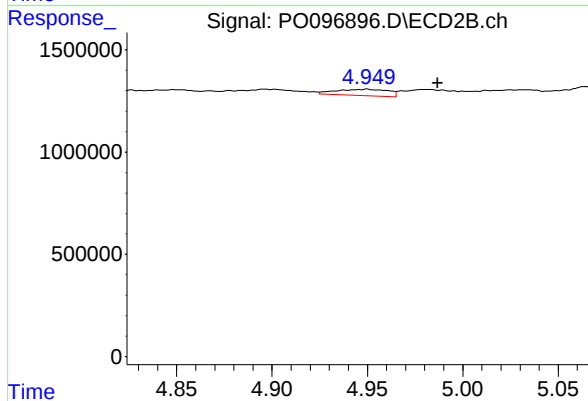
#13 AR-1232-3

R.T.: 4.950 min
Delta R.T.: 0.048 min
Response: 589234
Conc: 38.86 ng/ml



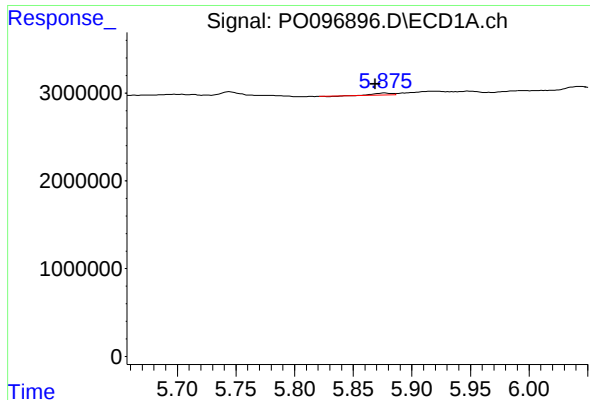
#14 AR-1232-4

R.T.: 5.745 min
Delta R.T.: -0.032 min
Response: 398158
Conc: 13.05 ng/ml



#14 AR-1232-4

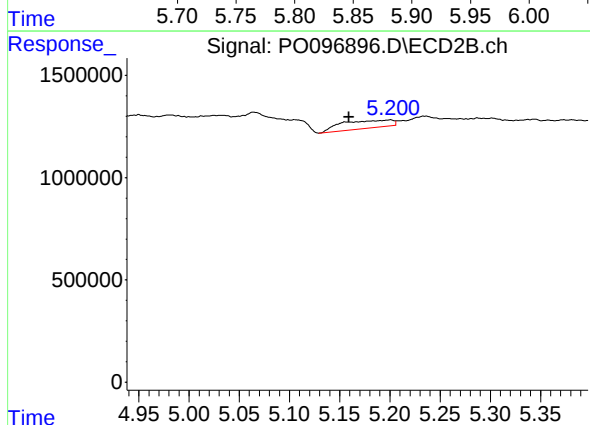
R.T.: 4.950 min
Delta R.T.: -0.037 min
Response: 589234
Conc: 39.43 ng/ml



#15 AR-1232-5

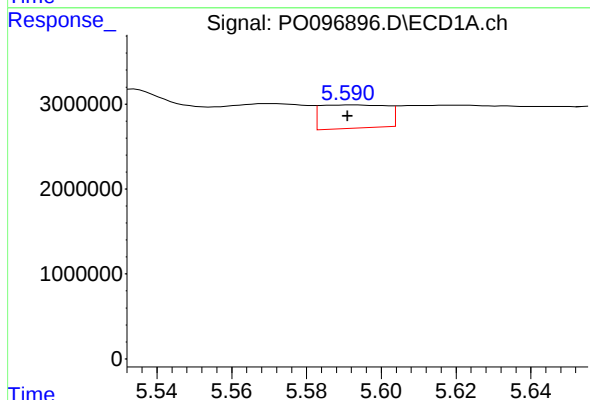
R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 196952
Conc: 7.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



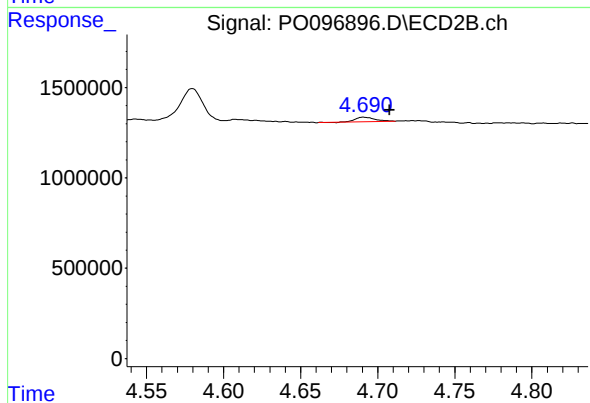
#15 AR-1232-5

R.T.: 5.200 min
Delta R.T.: 0.041 min
Response: 1331340
Conc: 81.44 ng/ml



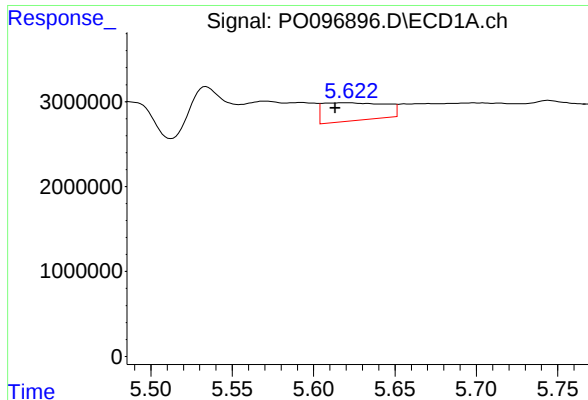
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: 0.001 min
Response: 3387068
Conc: 40.41 ng/ml



#16 AR-1242-1

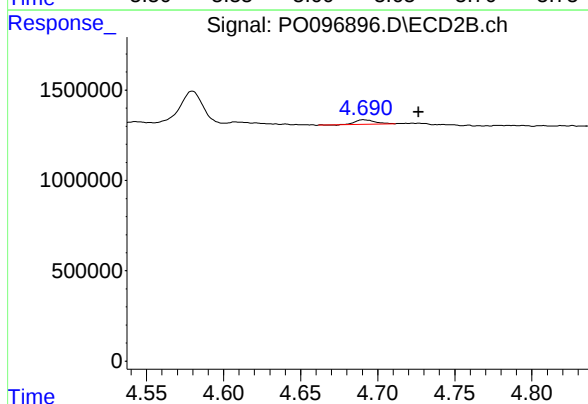
R.T.: 4.691 min
Delta R.T.: -0.017 min
Response: 203990
Conc: 5.17 ng/ml



#17 AR-1242-2

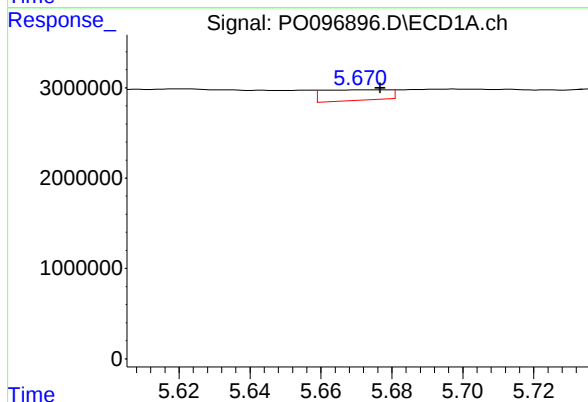
R.T.: 5.622 min
Delta R.T.: 0.008 min
Response: 5646687
Conc: 47.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



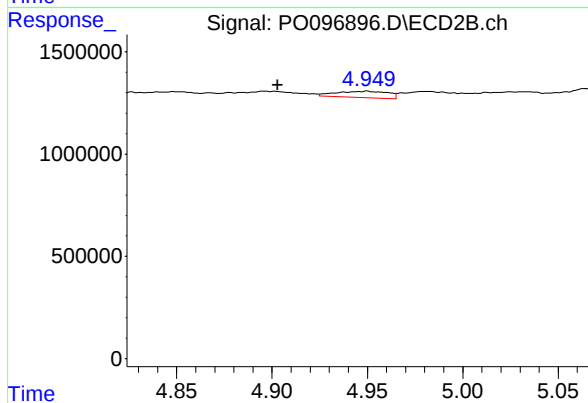
#17 AR-1242-2

R.T.: 4.691 min
Delta R.T.: -0.036 min
Response: 203990
Conc: 3.74 ng/ml



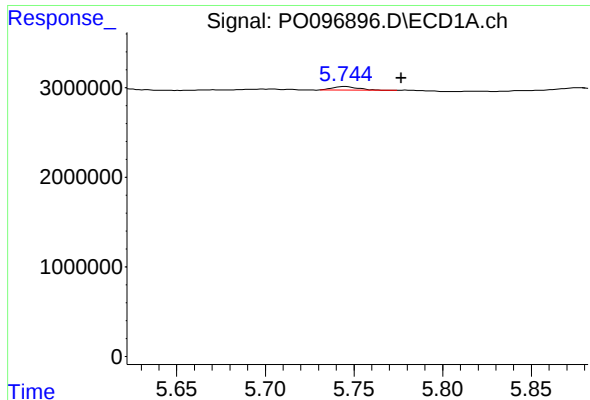
#18 AR-1242-3

R.T.: 5.672 min
Delta R.T.: -0.004 min
Response: 1507076
Conc: 20.40 ng/ml



#18 AR-1242-3

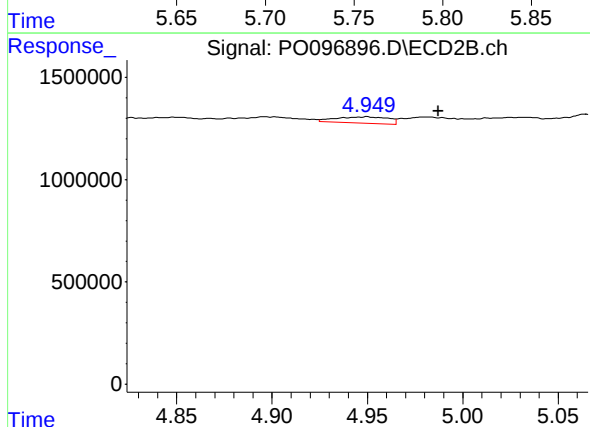
R.T.: 4.950 min
Delta R.T.: 0.047 min
Response: 589234
Conc: 19.93 ng/ml



#19 AR-1242-4

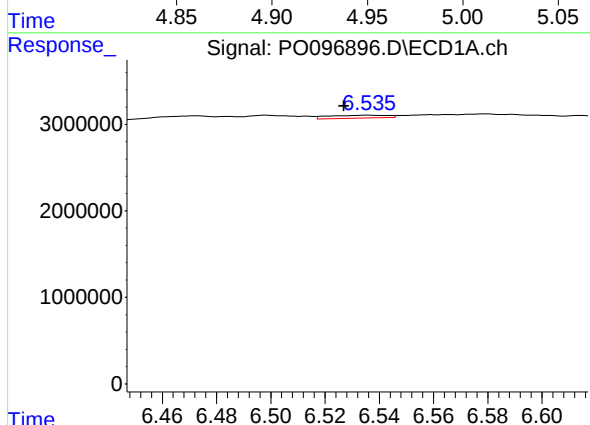
R.T.: 5.745 min
Delta R.T.: -0.032 min
Response: 398158
Conc: 6.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



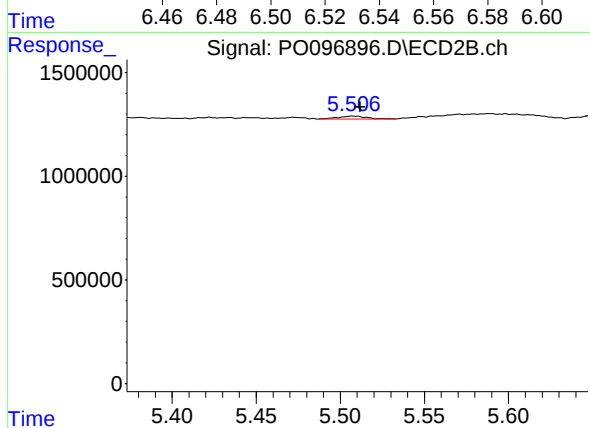
#19 AR-1242-4

R.T.: 4.950 min
Delta R.T.: -0.037 min
Response: 589234
Conc: 18.70 ng/ml



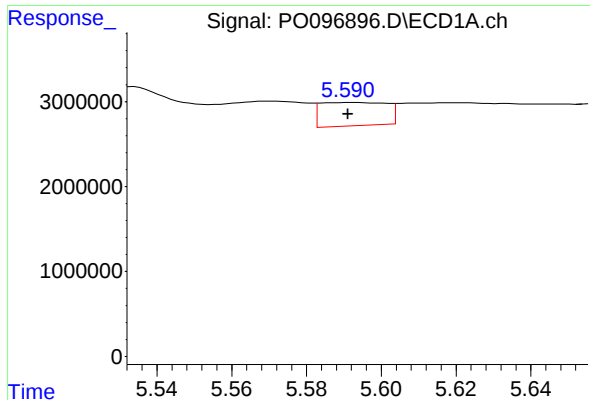
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 511999
Conc: 9.31 ng/ml



#20 AR-1242-5

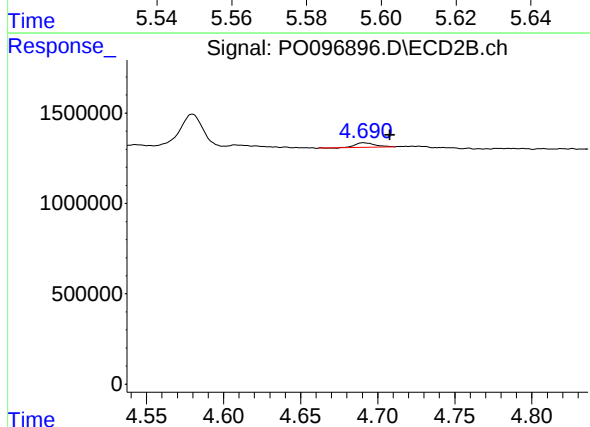
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 171800
Conc: 4.72 ng/ml



#21 AR-1248-1

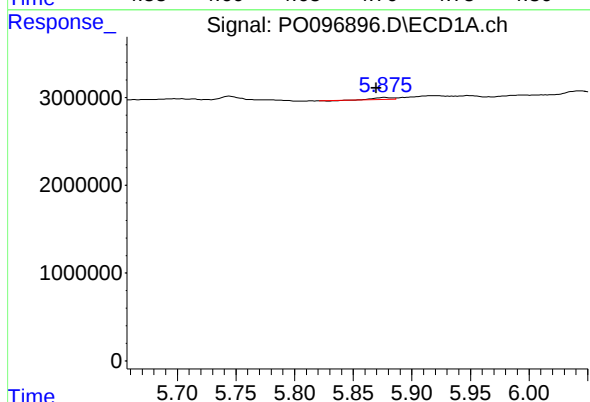
R.T.: 5.592 min
Delta R.T.: 0.001 min
Response: 3387068
Conc: 57.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



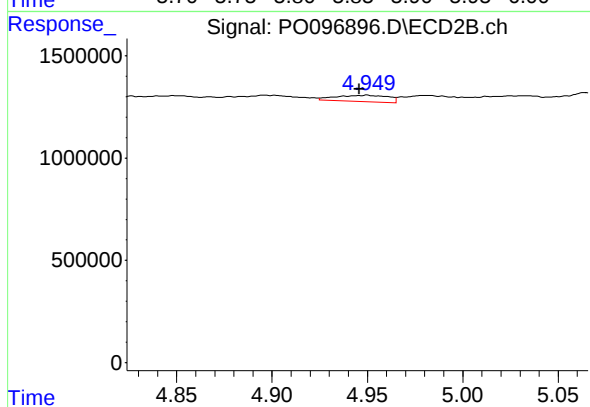
#21 AR-1248-1

R.T.: 4.691 min
Delta R.T.: -0.017 min
Response: 203990
Conc: 7.27 ng/ml



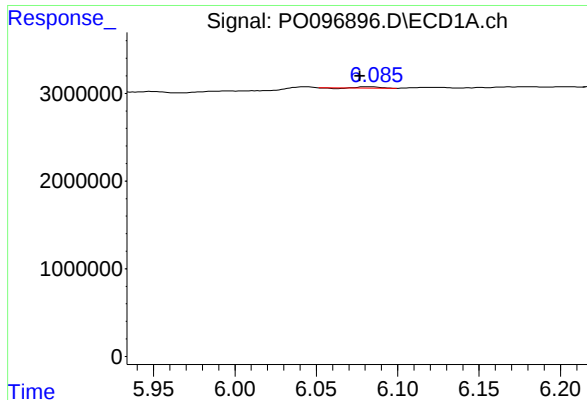
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.007 min
Response: 196952
Conc: 2.09 ng/ml



#22 AR-1248-2

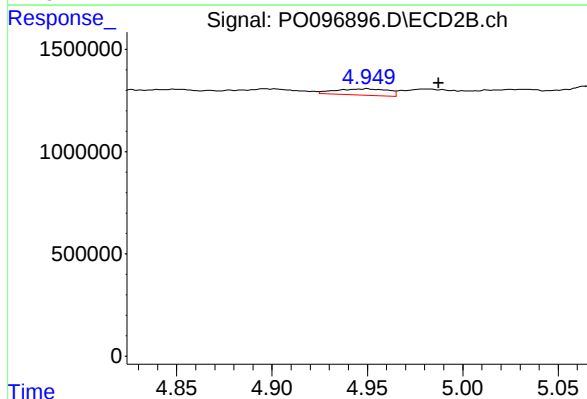
R.T.: 4.950 min
Delta R.T.: 0.004 min
Response: 589234
Conc: 13.90 ng/ml



#23 AR-1248-3

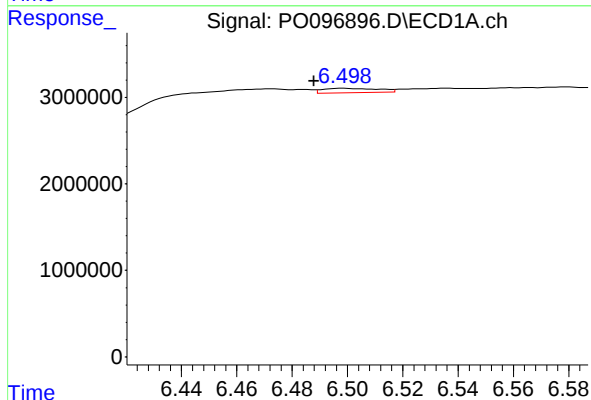
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 126023
Conc: 1.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



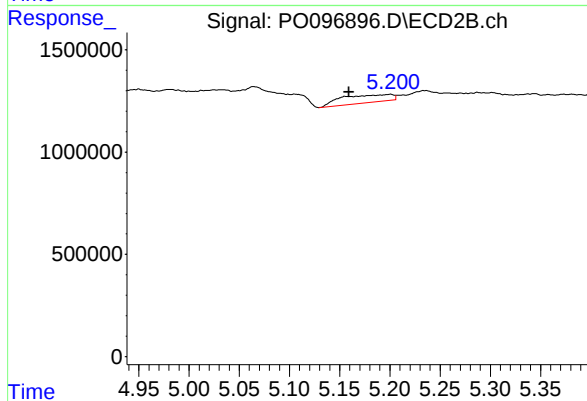
#23 AR-1248-3

R.T.: 4.950 min
Delta R.T.: -0.037 min
Response: 589234
Conc: 13.43 ng/ml



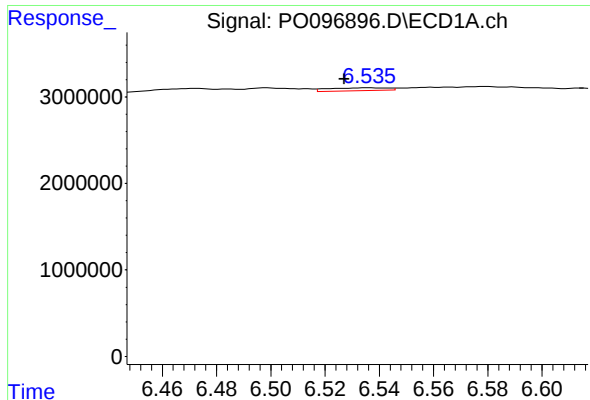
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.011 min
Response: 728522
Conc: 8.02 ng/ml



#24 AR-1248-4

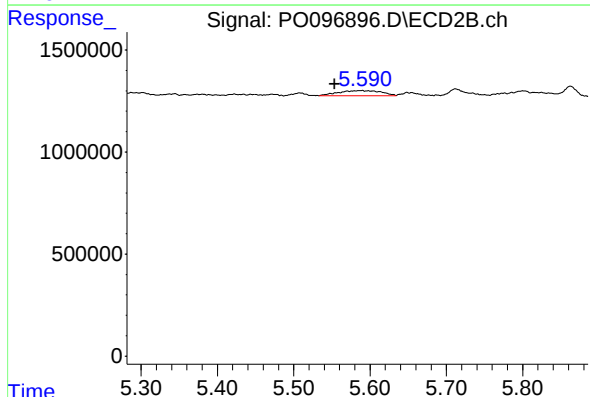
R.T.: 5.200 min
Delta R.T.: 0.041 min
Response: 1331340
Conc: 26.08 ng/ml



#25 AR-1248-5

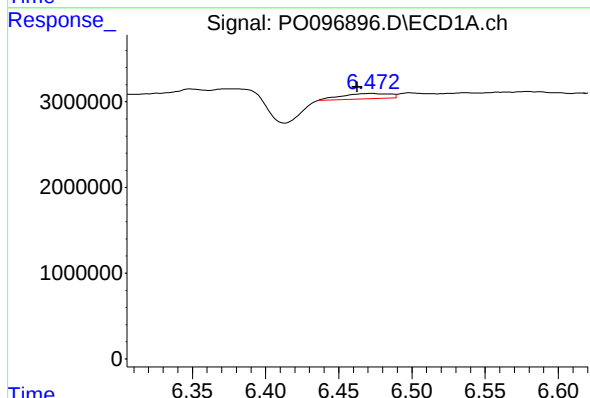
R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 511999
Conc: 5.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



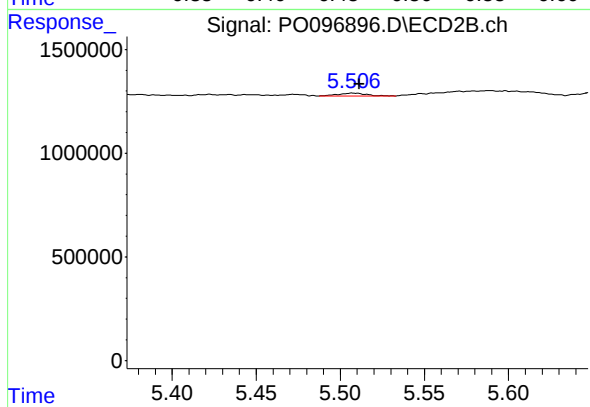
#25 AR-1248-5

R.T.: 5.589 min
Delta R.T.: 0.035 min
Response: 999579
Conc: 21.38 ng/ml



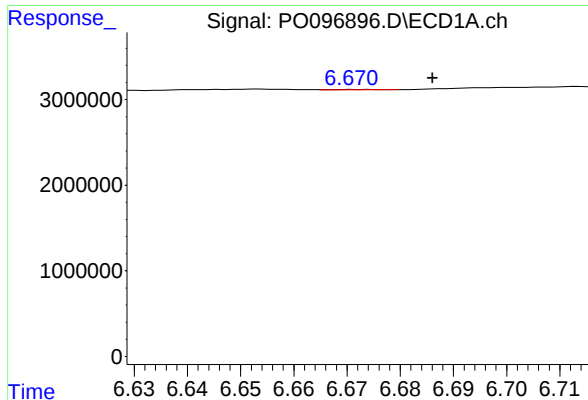
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.010 min
Response: 1440043
Conc: 13.18 ng/ml



#26 AR-1254-1

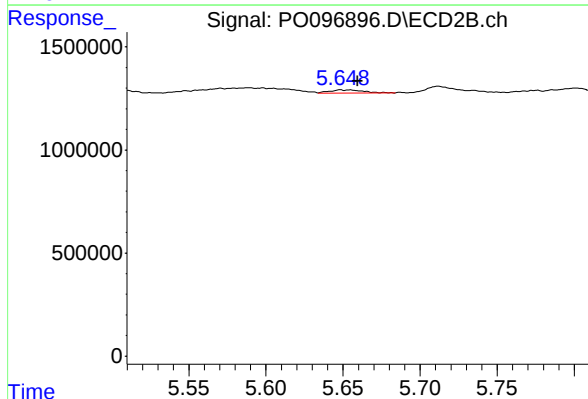
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 171800
Conc: 2.33 ng/ml



#27 AR-1254-2

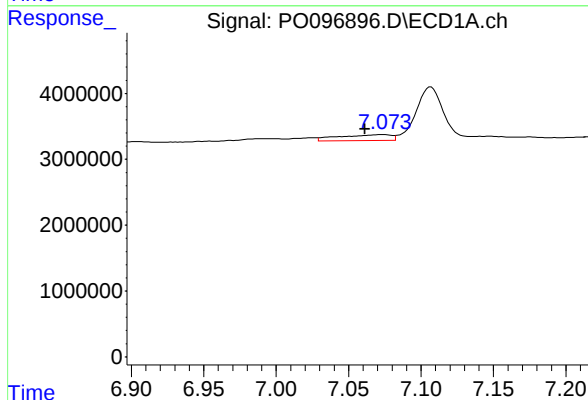
R.T.: 6.671 min
Delta R.T.: -0.015 min
Response: 32930
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



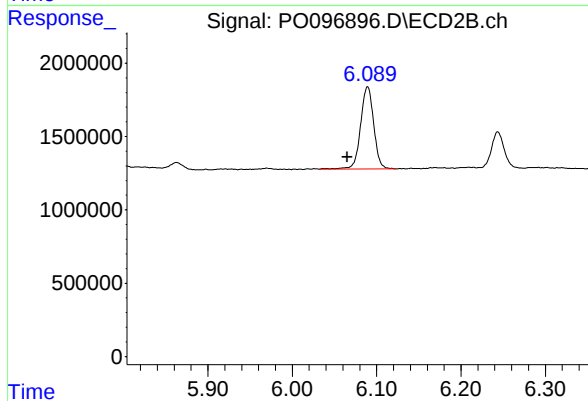
#27 AR-1254-2

R.T.: 5.648 min
Delta R.T.: -0.011 min
Response: 231742
Conc: 3.52 ng/ml



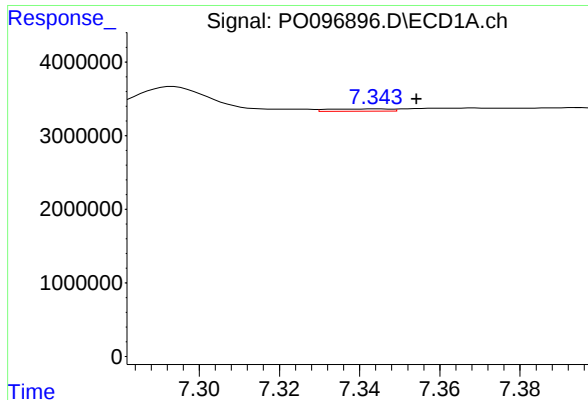
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.012 min
Response: 2255958
Conc: 14.40 ng/ml



#28 AR-1254-3

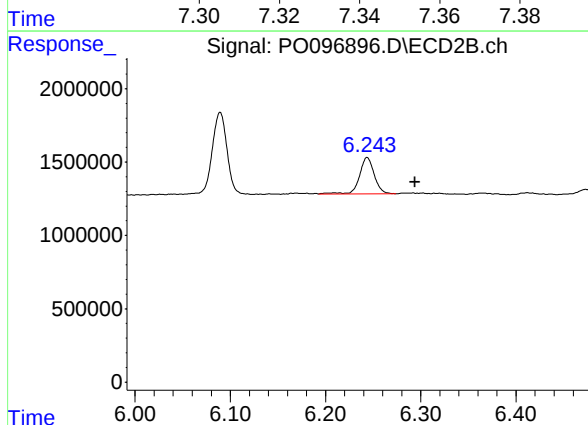
R.T.: 6.089 min
Delta R.T.: 0.024 min
Response: 6103987
Conc: 60.40 ng/ml



#29 AR-1254-4

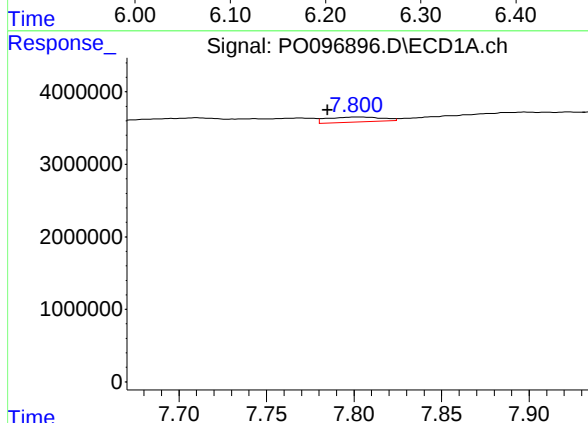
R.T.: 7.344 min
Delta R.T.: -0.010 min
Response: 313972
Conc: 3.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



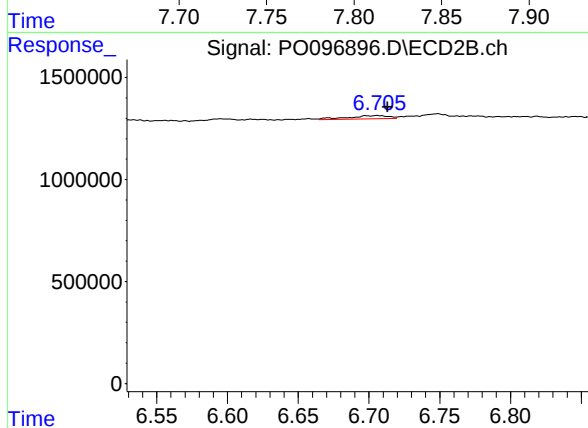
#29 AR-1254-4

R.T.: 6.244 min
Delta R.T.: -0.050 min
Response: 2692202
Conc: 46.52 ng/ml



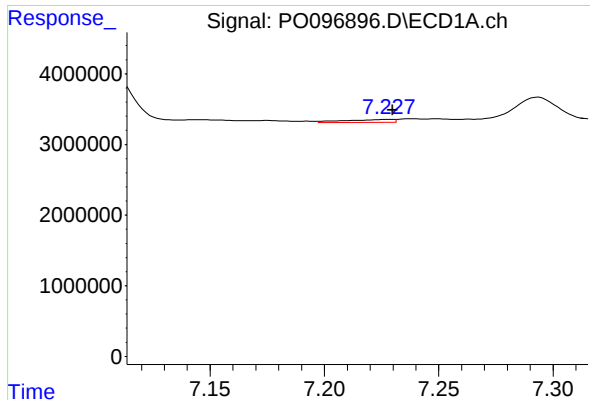
#30 AR-1254-5

R.T.: 7.801 min
Delta R.T.: 0.016 min
Response: 1456894
Conc: 12.98 ng/ml



#30 AR-1254-5

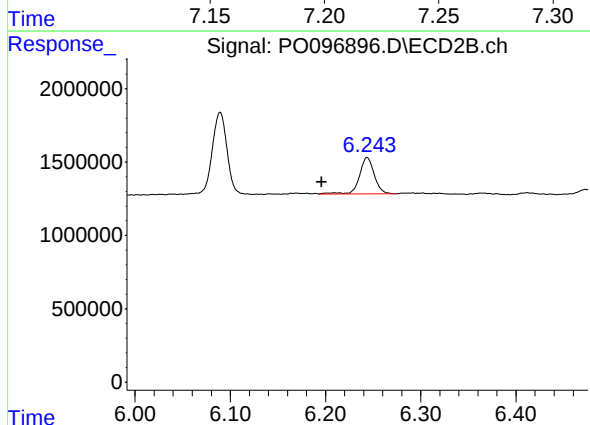
R.T.: 6.706 min
Delta R.T.: -0.007 min
Response: 311103
Conc: 3.54 ng/ml



#31 AR-1260-1

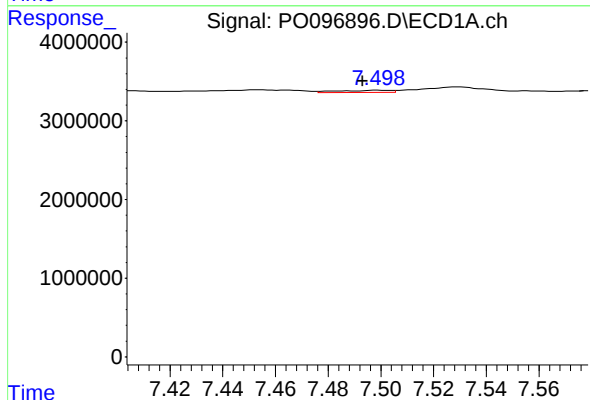
R.T.: 7.228 min
Delta R.T.: -0.002 min
Response: 598013
Conc: 4.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



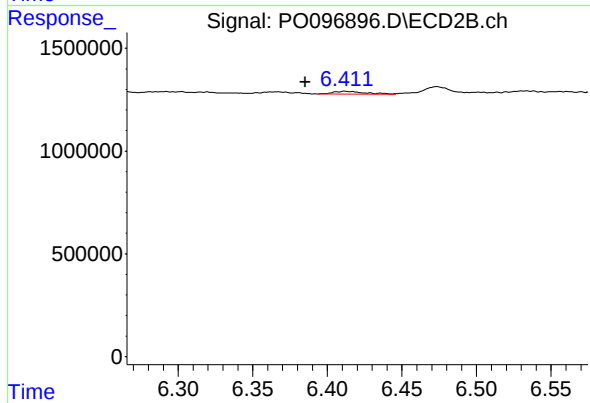
#31 AR-1260-1

R.T.: 6.244 min
Delta R.T.: 0.048 min
Response: 2692202
Conc: 38.26 ng/ml



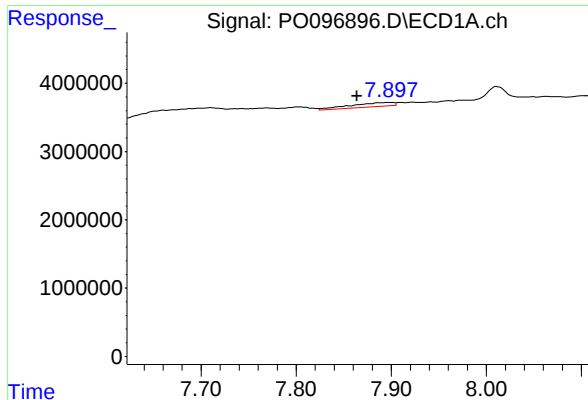
#32 AR-1260-2

R.T.: 7.499 min
Delta R.T.: 0.006 min
Response: 369381
Conc: 2.74 ng/ml



#32 AR-1260-2

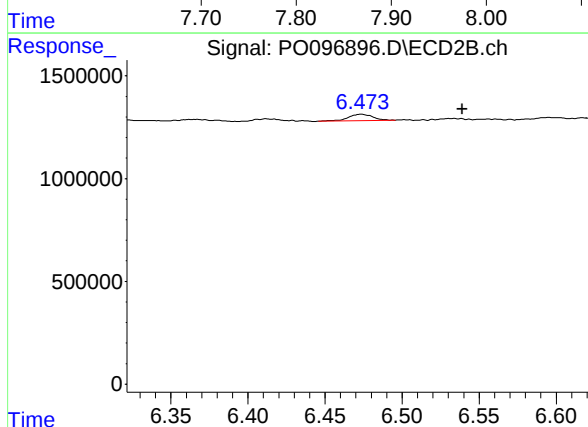
R.T.: 6.412 min
Delta R.T.: 0.027 min
Response: 199945
Conc: 2.40 ng/ml



#33 AR-1260-3

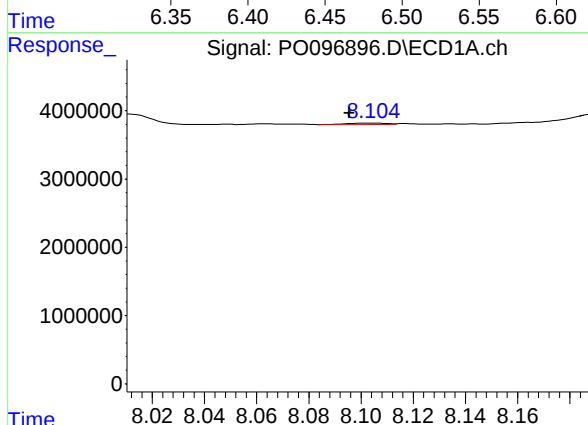
R.T.: 7.898 min
Delta R.T.: 0.035 min
Response: 1886909
Conc: 18.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



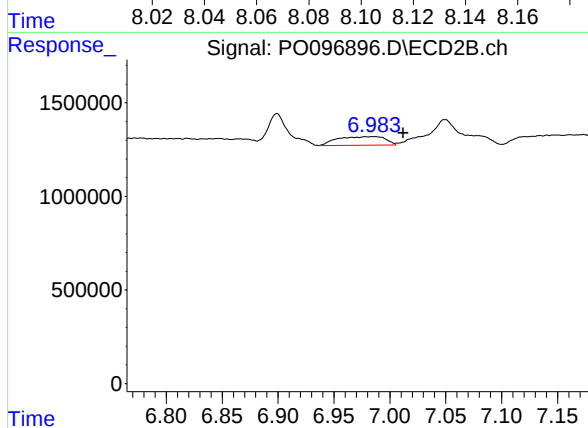
#33 AR-1260-3

R.T.: 6.473 min
Delta R.T.: -0.066 min
Response: 336676
Conc: 4.36 ng/ml



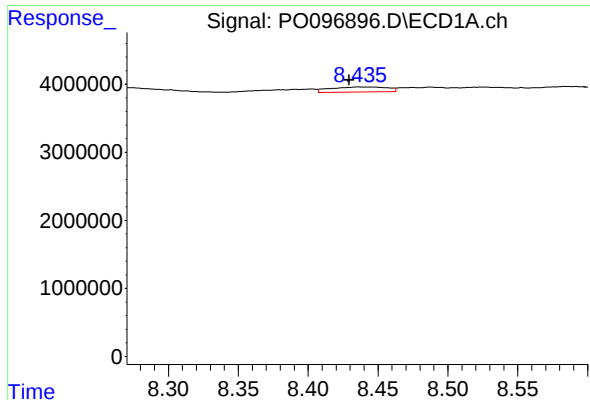
#34 AR-1260-4

R.T.: 8.104 min
Delta R.T.: 0.009 min
Response: 257278
Conc: 2.30 ng/ml



#34 AR-1260-4

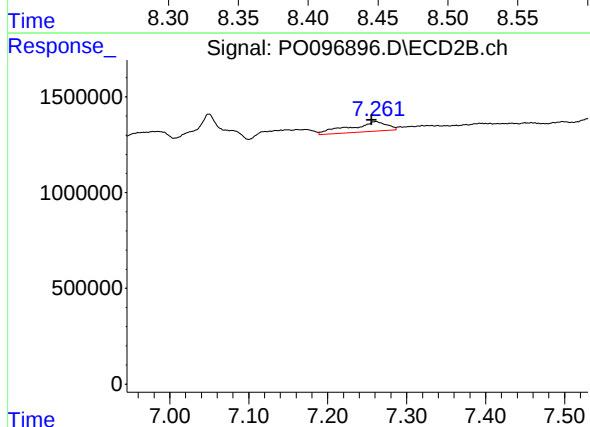
R.T.: 6.985 min
Delta R.T.: -0.027 min
Response: 1366811
Conc: 21.33 ng/ml



#35 AR-1260-5

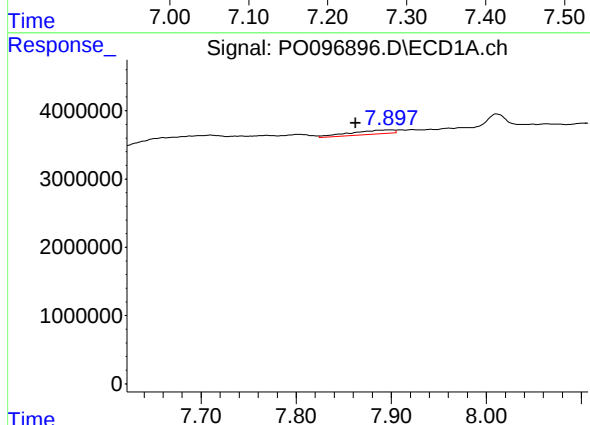
R.T.: 8.436 min
Delta R.T.: 0.007 min
Response: 2125007
Conc: 10.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



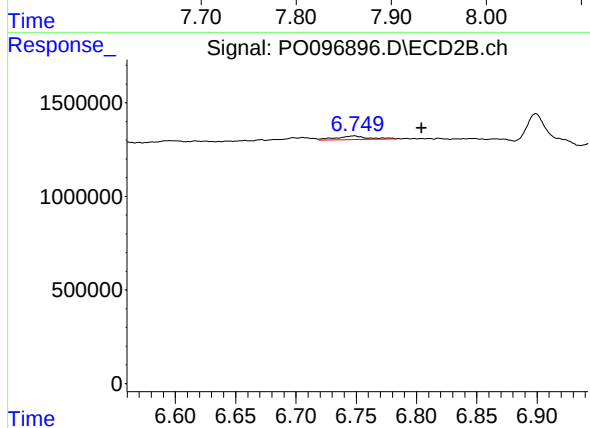
#35 AR-1260-5

R.T.: 7.261 min
Delta R.T.: 0.006 min
Response: 1693972
Conc: 12.22 ng/ml



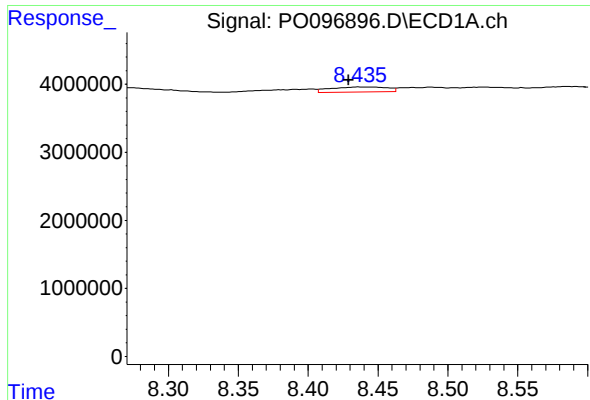
#36 AR-1262-1

R.T.: 7.898 min
Delta R.T.: 0.036 min
Response: 1886909
Conc: 12.70 ng/ml



#36 AR-1262-1

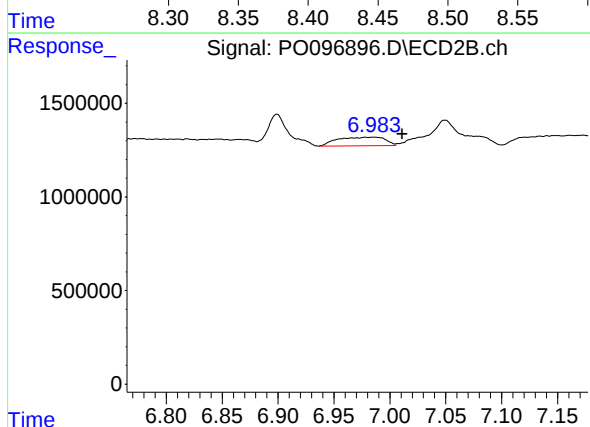
R.T.: 6.748 min
Delta R.T.: -0.056 min
Response: 371350
Conc: 9.43 ng/ml



#37 AR-1262-2

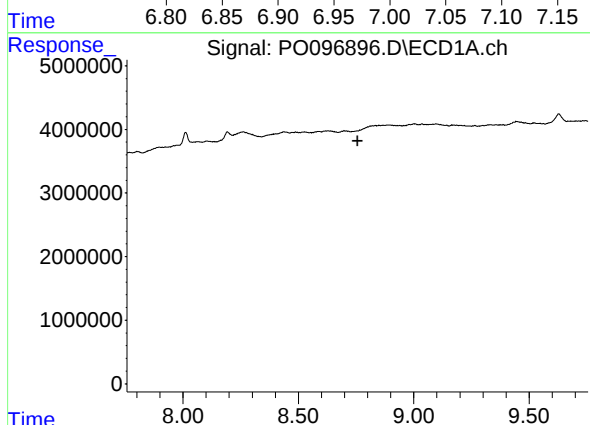
R.T.: 8.436 min
Delta R.T.: 0.007 min
Response: 2125007
Conc: 9.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



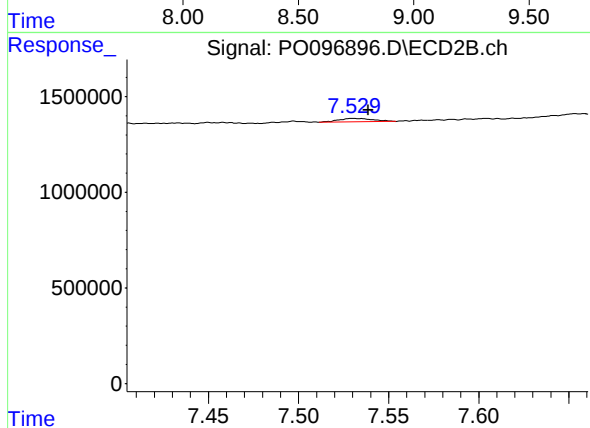
#37 AR-1262-2

R.T.: 6.985 min
Delta R.T.: -0.026 min
Response: 1366811
Conc: 16.85 ng/ml



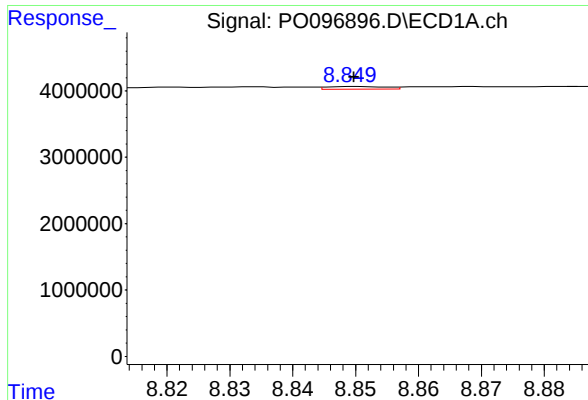
#38 AR-1262-3

R.T.: 8.766 min
Delta R.T.: 0.010 min
Response: -277323
Conc: N.D.



#38 AR-1262-3

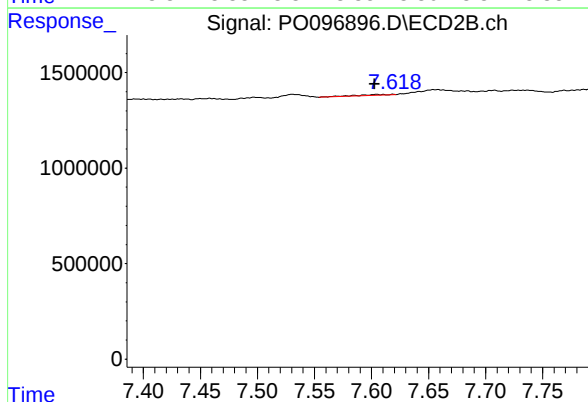
R.T.: 7.531 min
Delta R.T.: -0.008 min
Response: 236338
Conc: 3.68 ng/ml



#39 AR-1262-4

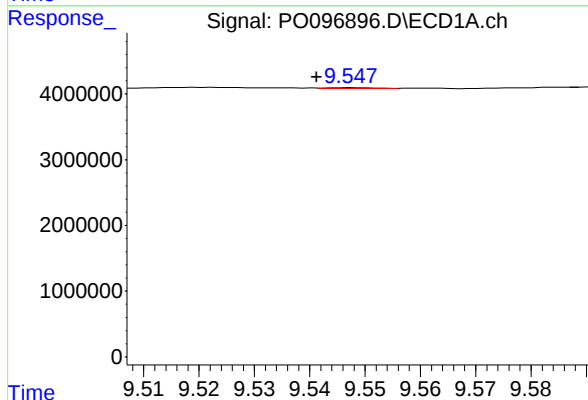
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 251407
Conc: 3.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



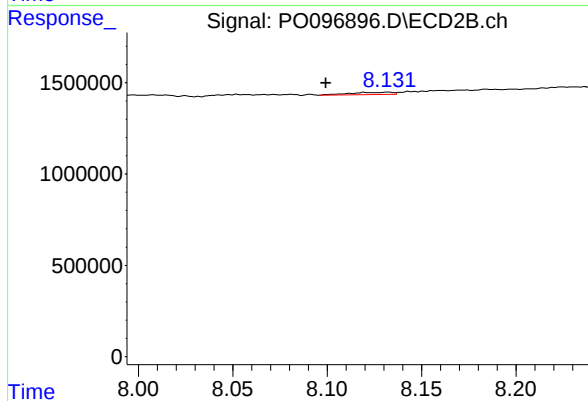
#39 AR-1262-4

R.T.: 7.604 min
Delta R.T.: 0.001 min
Response: 96773
Conc: 0.85 ng/ml



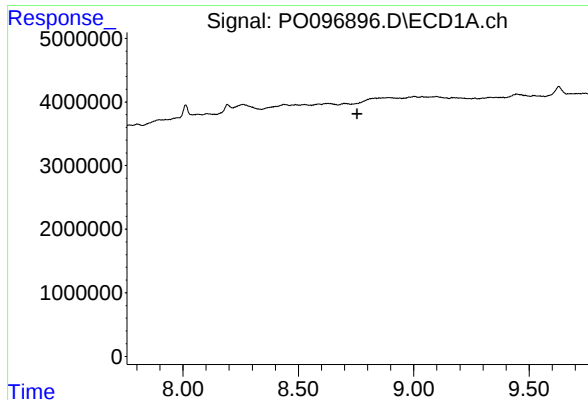
#40 AR-1262-5

R.T.: 9.547 min
Delta R.T.: 0.006 min
Response: 80908
Conc: 0.97 ng/ml



#40 AR-1262-5

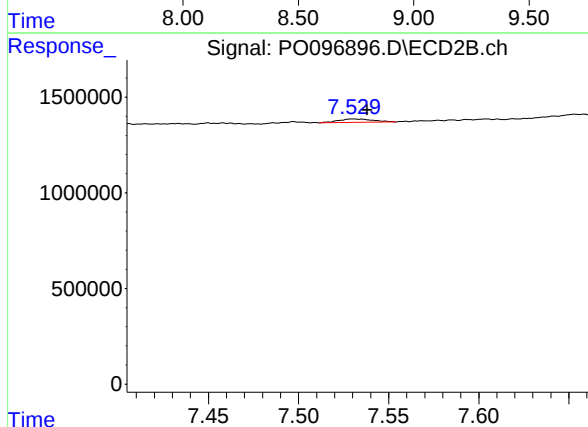
R.T.: 8.132 min
Delta R.T.: 0.033 min
Response: 200663
Conc: 3.82 ng/ml



#41 AR-1268-1

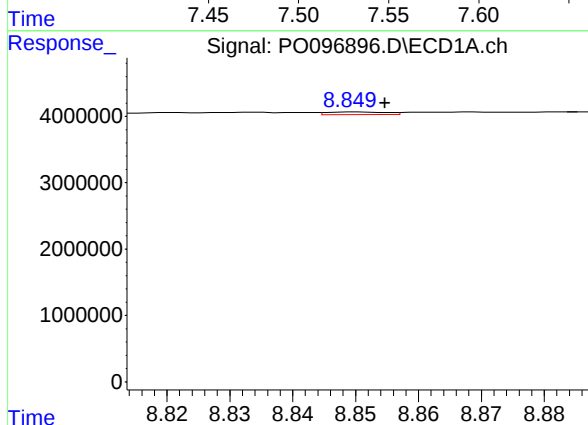
R.T.: 8.766 min
Delta R.T.: 0.011 min
Response: -277323
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



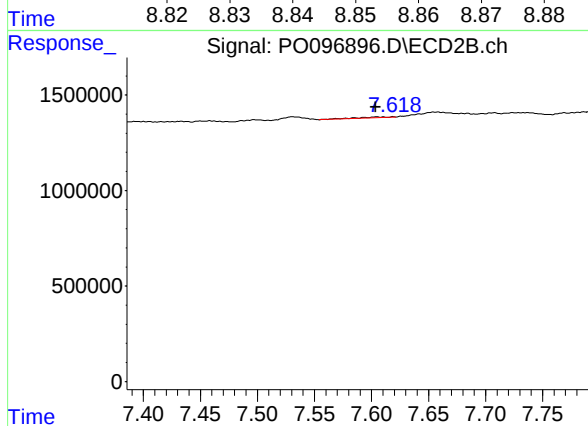
#41 AR-1268-1

R.T.: 7.531 min
Delta R.T.: -0.008 min
Response: 236338
Conc: 1.28 ng/ml



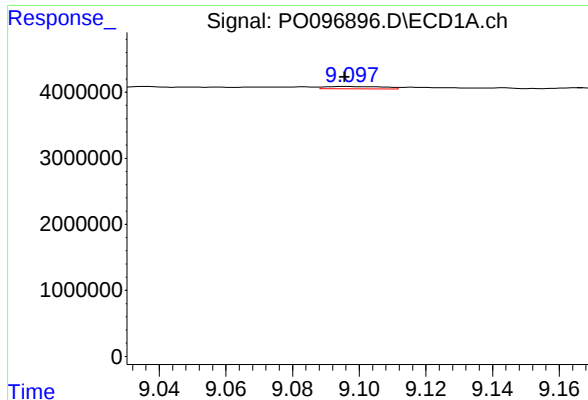
#42 AR-1268-2

R.T.: 8.850 min
Delta R.T.: -0.005 min
Response: 251407
Conc: 0.92 ng/ml



#42 AR-1268-2

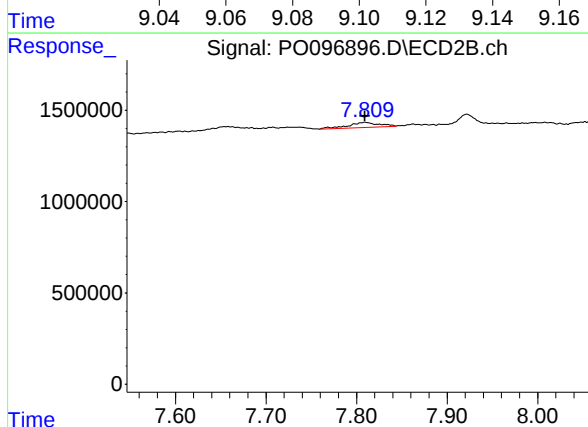
R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 96773
Conc: 0.58 ng/ml



#43 AR-1268-3

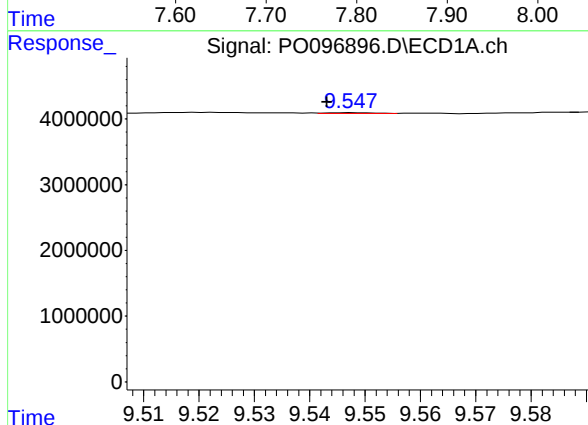
R.T.: 9.097 min
Delta R.T.: 0.000 min
Response: 425573
Conc: 1.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



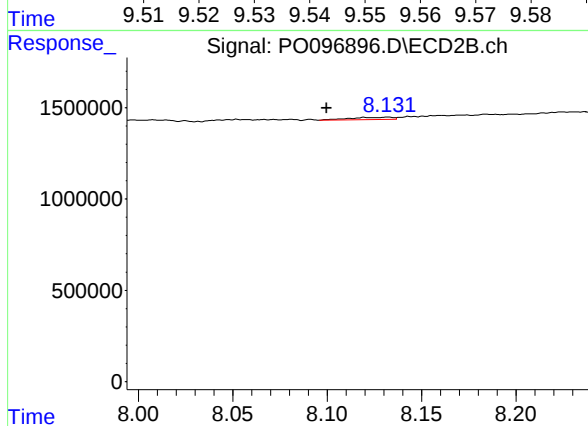
#43 AR-1268-3

R.T.: 7.809 min
Delta R.T.: 0.000 min
Response: 659051
Conc: 4.56 ng/ml



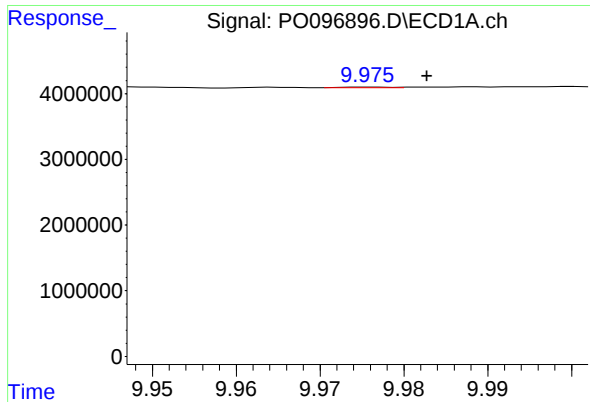
#44 AR-1268-4

R.T.: 9.547 min
Delta R.T.: 0.004 min
Response: 80908
Conc: 0.87 ng/ml



#44 AR-1268-4

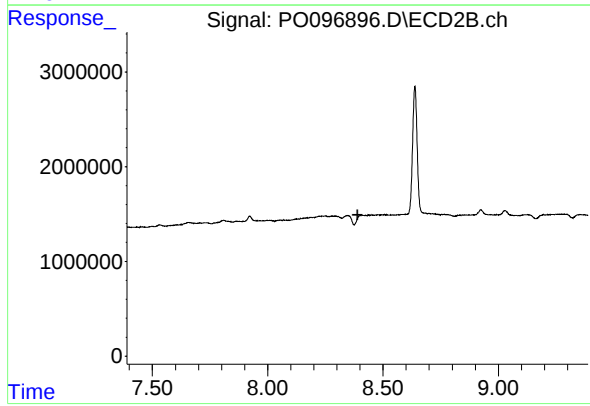
R.T.: 8.132 min
Delta R.T.: 0.032 min
Response: 200663
Conc: 3.37 ng/ml



#45 AR-1268-5

R.T.: 9.976 min
Delta R.T.: -0.006 min
Response: 37590
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.415 min
Delta R.T.: 0.025 min
Response: -249256
Conc: N.D.