

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122623\
 Data File : P0100771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 00:45
 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: Dec 27 02:21:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 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...	4.348	3.645	56662069	35834444	18.159	17.536
2) SA Decachlor...	10.090	8.704	39783786	29997273	19.043	19.874
Target Compounds						
3) L1 AR-1016-1	5.517	4.746	112065	509359	1.306	8.231 #
4) L1 AR-1016-2	5.541	4.746	158019	509359	1.238	5.777 #
5) L1 AR-1016-3	5.591	4.940	598954	636313	7.595	13.621 #
6) L1 AR-1016-4	5.698	4.986	38035	1926501	0.624	46.944 #
7) L1 AR-1016-5	5.997	5.206	-40267	3905114	N.D.	75.175 #
8) L2 AR-1221-1	4.551	3.870	131572	211092	3.559	8.406 #
9) L2 AR-1221-2	4.656	3.947	1070634	657948	38.552	34.264
10) L2 AR-1221-3	4.702	4.014	100605	23299	1.205	0.396 #
11) L3 AR-1232-1	4.702	4.014	100605	23299	1.509	0.493 #
12) L3 AR-1232-2	5.242	4.746	90150	509359	2.571	12.212 #
13) L3 AR-1232-3	5.541	4.940	158019	636313	2.648	29.660 #
14) L3 AR-1232-4	5.698	5.024	38035	1218925	1.387	57.370 #
15) L3 AR-1232-5	5.796	5.206	106730	3905114	4.439	178.695 #
16) L4 AR-1242-1	5.517	4.746	112065	509359	1.589	9.753 #
17) L4 AR-1242-2	5.541	4.746	158019	509359	1.505	7.028 #
18) L4 AR-1242-3	5.591	4.940	598954	636313	9.214	16.607 #
19) L4 AR-1242-4	5.698	5.024	38035	1218925	0.760	29.244 #
20) L4 AR-1242-5	6.438	5.553	3727462	1832720	72.019	39.933 #
21) L5 AR-1248-1	5.517	4.746	112065	509359	2.043	12.738 #
22) L5 AR-1248-2	5.796	4.986	106730	1926501	1.236	32.022 #
23) L5 AR-1248-3	5.997	5.024	-40267	1218925	N.D.	19.500 #
24) L5 AR-1248-4	6.390	5.206	2142405	3905114	23.829	54.215 #
25) L5 AR-1248-5	6.438	5.595	3727462	1042965	41.527	16.906 #
26) L6 AR-1254-1	6.390	5.553	2142405	1832720	20.381	17.858
27) L6 AR-1254-2	6.590	5.690	542900	3686465	3.677	40.126 #
28) L6 AR-1254-3	6.964	6.090	738460	891742	5.274	6.594 #
29) L6 AR-1254-4	7.312f	6.352	41506	132946	0.488	1.843 #
30) L6 AR-1254-5	7.625f	6.778	21756041	2933279	183.865	25.457 #
31) L7 AR-1260-1	7.161	6.225	7541288	1937204	55.047	20.337 #
32) L7 AR-1260-2	7.439f	6.415	-172918	918204	N.D.	8.543 #
33) L7 AR-1260-3	7.749	6.592	333384	157556	3.442	1.537 #
34) L7 AR-1260-4	8.006f	7.029	1227231	77799	11.630	0.954 #
35) L7 AR-1260-5	8.264	7.295	315843	547847	1.496	3.036 #
36) L8 AR-1262-1	7.625f	6.778	21756041	2933279	217.779	47.024 #
37) L8 AR-1262-2	8.264	7.029	315843	77799	1.331	0.688 #
38) L8 AR-1262-3	8.597	7.565	387605	8410	2.387	0.109 #
39) L8 AR-1262-4	8.680	7.651	197076	1105710	1.529	7.485 #
40) L8 AR-1262-5	9.327	8.130	125937	536208	1.579	8.384 #
41) L9 AR-1268-1	8.597	7.565	387605	8410	1.372	0.038 #

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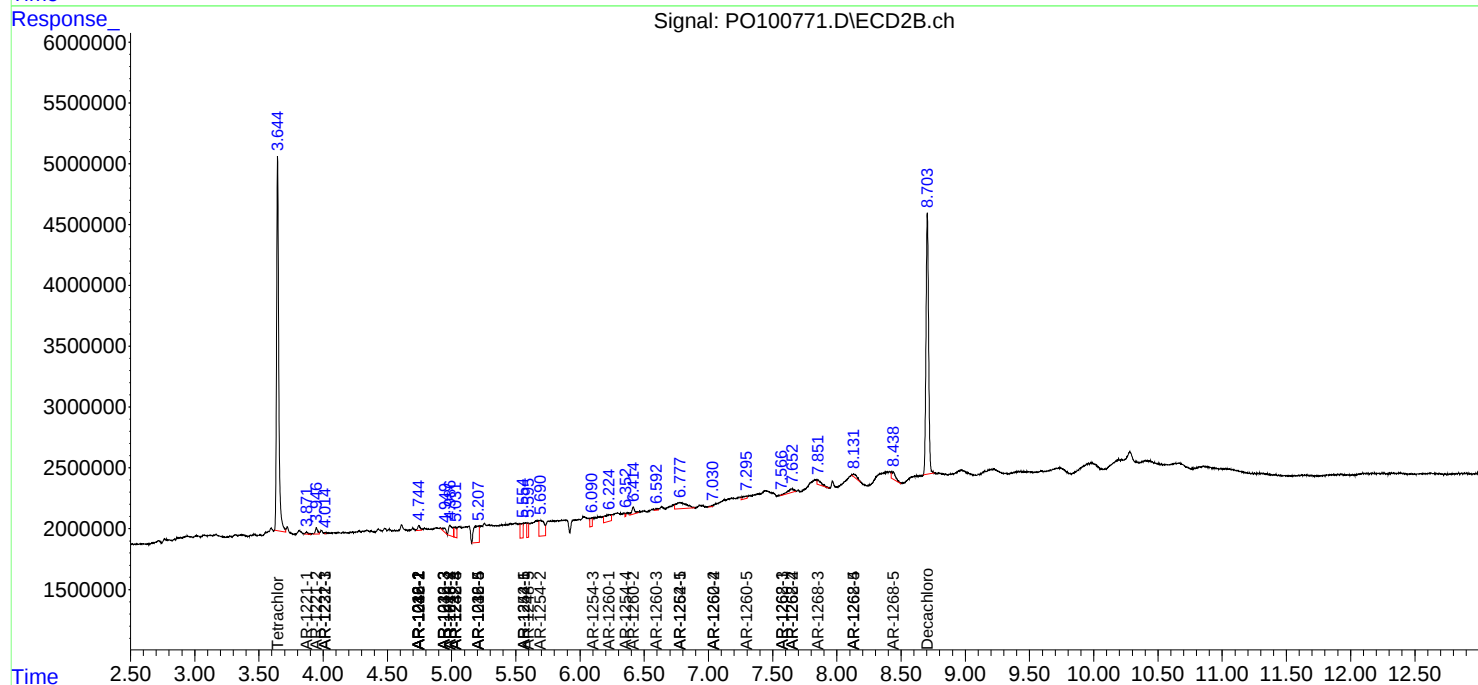
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

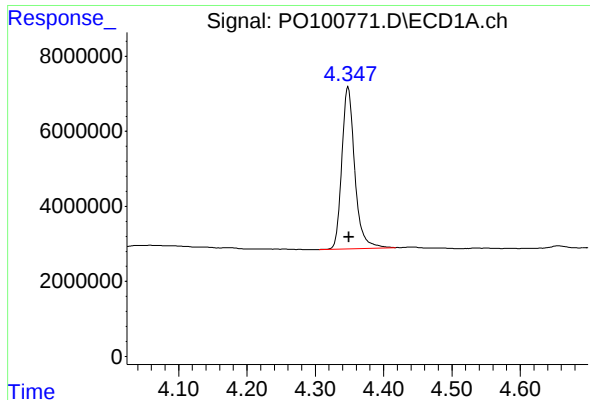
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.697	7.651	332481	1105710	1.316	5.467 #
43) L9	AR-1268-3	8.900	7.852	109405	861706	0.480	4.567 #
44) L9	AR-1268-4	9.327	8.130	125937	536208	1.608	7.986 #
45) L9	AR-1268-5	9.758	8.438	260251	1336849	0.363	2.577 #

(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

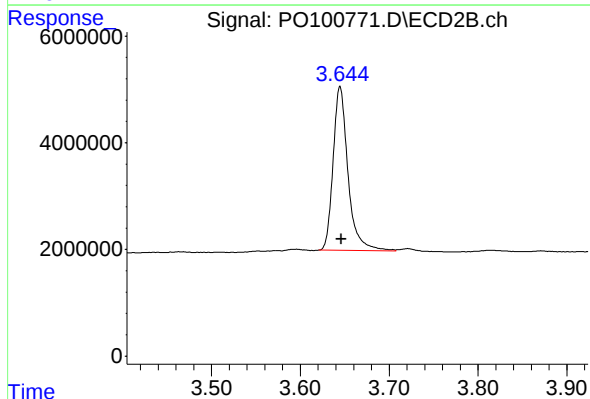




#1 Tetrachloro-m-xylene

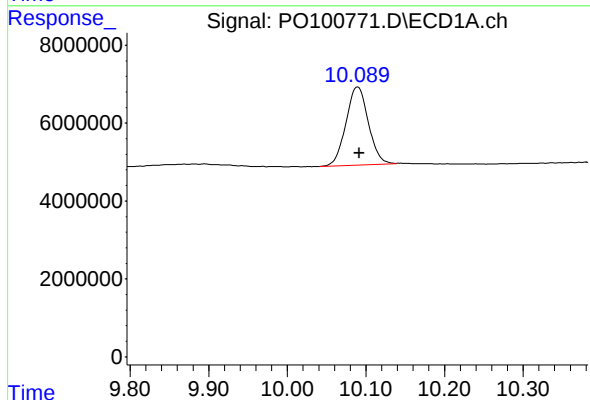
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 56662069
Conc: 18.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



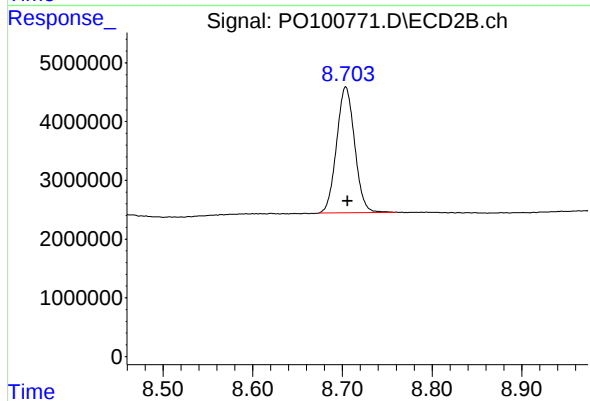
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.002 min
Response: 35834444
Conc: 17.54 ng/ml



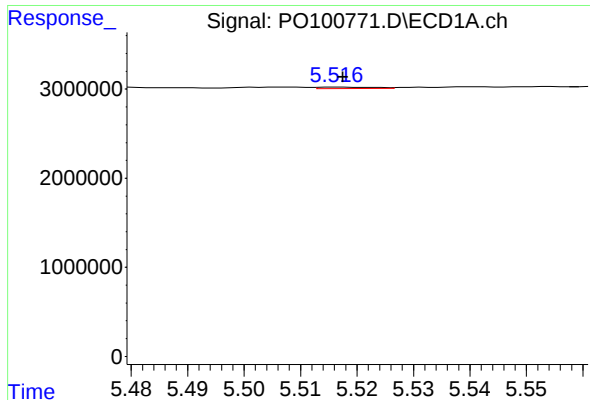
#2 Decachlorobiphenyl

R.T.: 10.090 min
Delta R.T.: -0.002 min
Response: 39783786
Conc: 19.04 ng/ml



#2 Decachlorobiphenyl

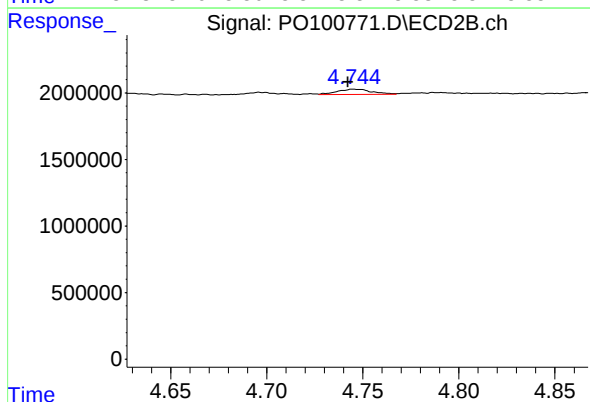
R.T.: 8.704 min
Delta R.T.: -0.002 min
Response: 29997273
Conc: 19.87 ng/ml



#3 AR-1016-1

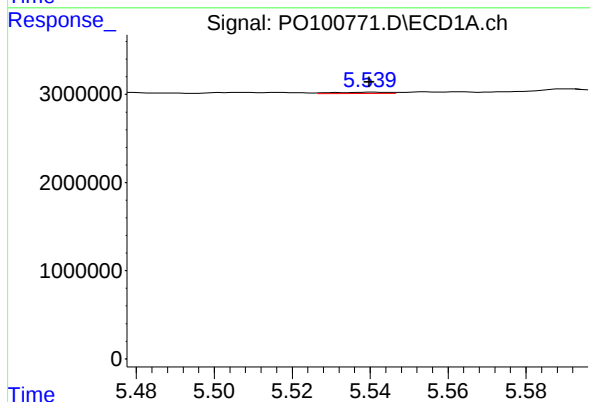
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 112065
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



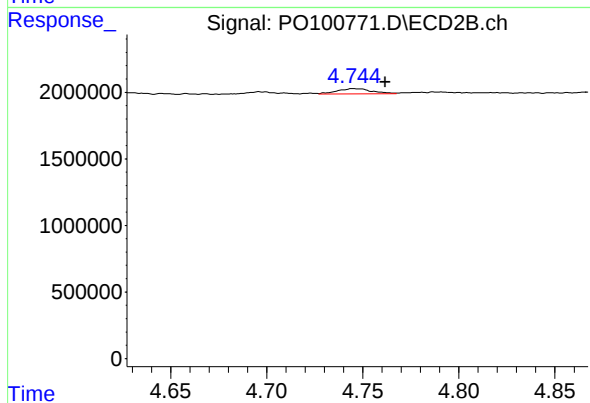
#3 AR-1016-1

R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 509359
Conc: 8.23 ng/ml



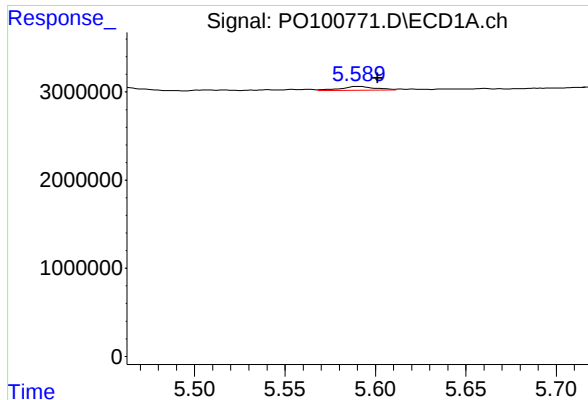
#4 AR-1016-2

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 158019
Conc: 1.24 ng/ml



#4 AR-1016-2

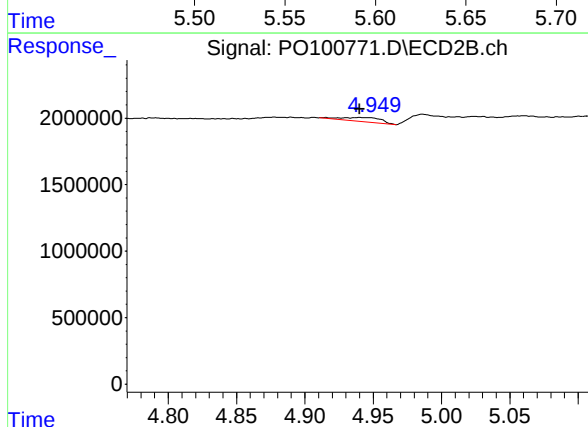
R.T.: 4.746 min
Delta R.T.: -0.016 min
Response: 509359
Conc: 5.78 ng/ml



#5 AR-1016-3

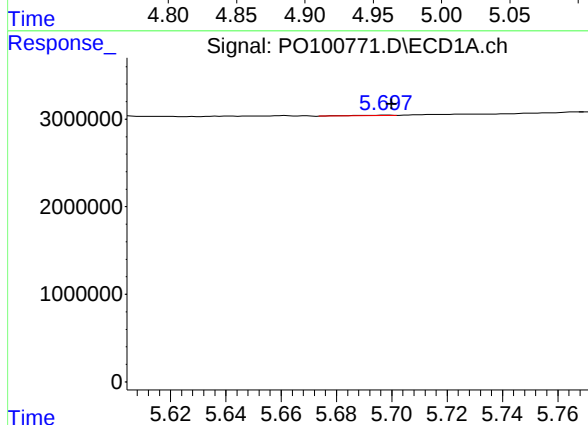
R.T.: 5.591 min
Delta R.T.: -0.011 min
Response: 598954
Conc: 7.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



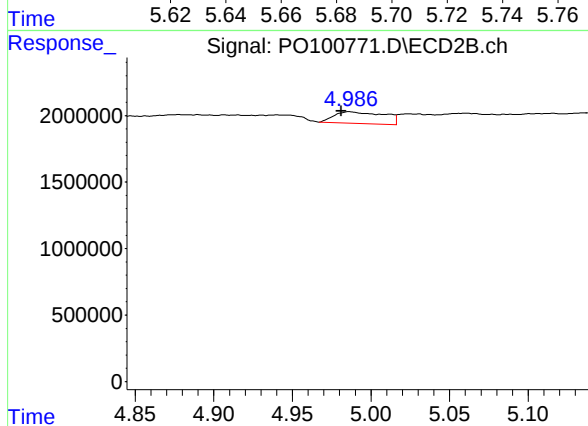
#5 AR-1016-3

R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 636313
Conc: 13.62 ng/ml



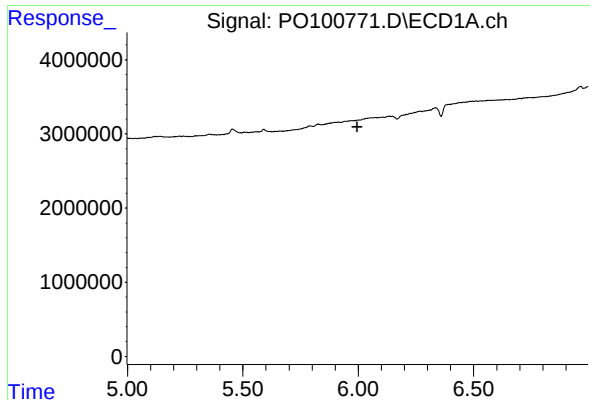
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 38035
Conc: 0.62 ng/ml



#6 AR-1016-4

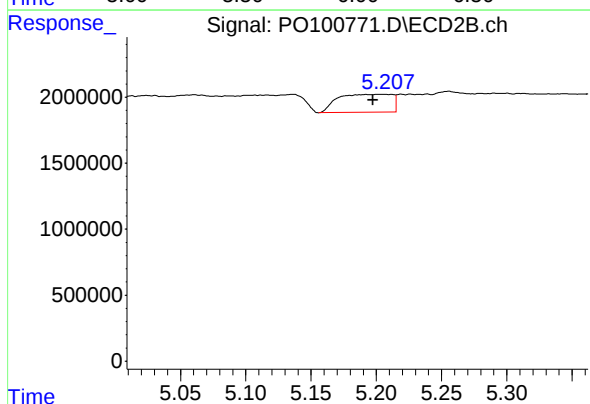
R.T.: 4.986 min
Delta R.T.: 0.005 min
Response: 1926501
Conc: 46.94 ng/ml



#7 AR-1016-5

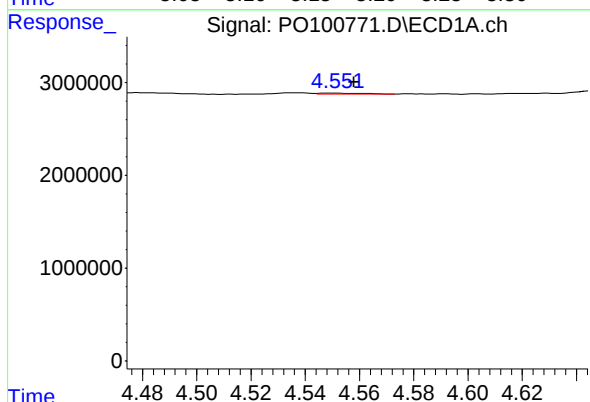
R.T.: 5.997 min
Delta R.T.: 0.001 min
Response: -40267
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



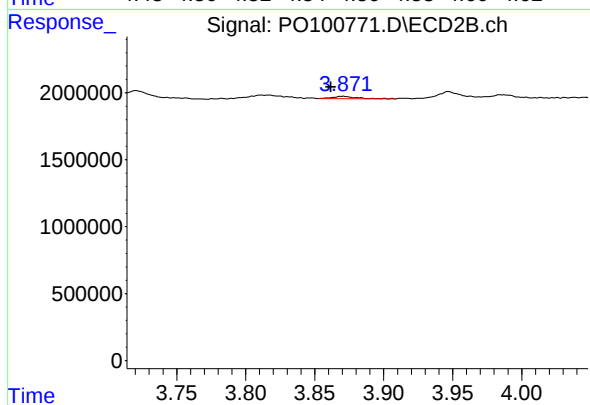
#7 AR-1016-5

R.T.: 5.206 min
Delta R.T.: 0.009 min
Response: 3905114
Conc: 75.18 ng/ml



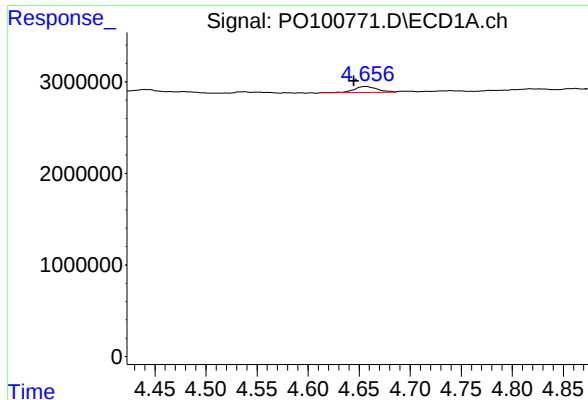
#8 AR-1221-1

R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 131572
Conc: 3.56 ng/ml



#8 AR-1221-1

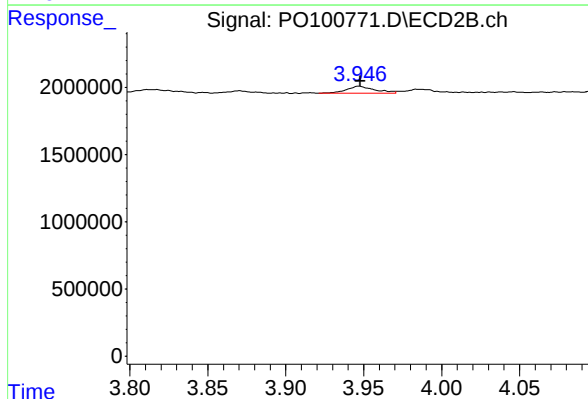
R.T.: 3.870 min
Delta R.T.: 0.009 min
Response: 211092
Conc: 8.41 ng/ml



#9 AR-1221-2

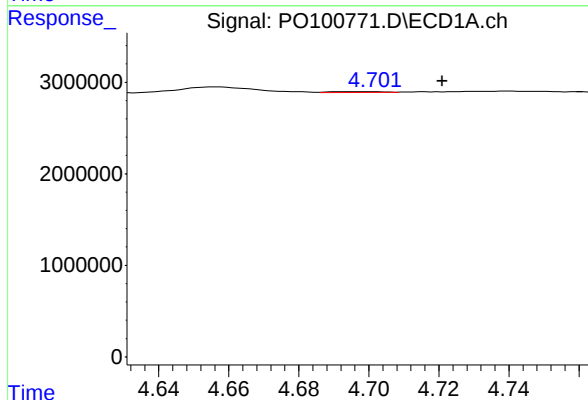
R.T.: 4.656 min
Delta R.T.: 0.011 min
Response: 1070634
Conc: 38.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



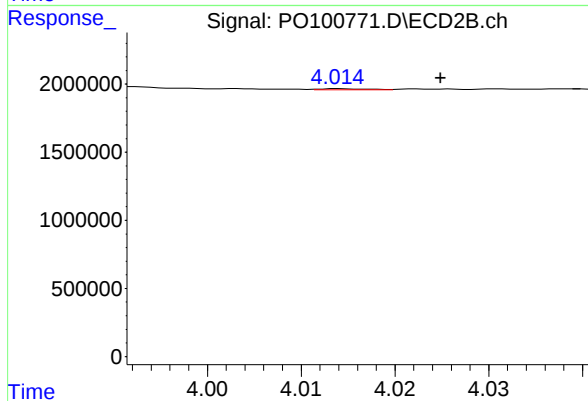
#9 AR-1221-2

R.T.: 3.947 min
Delta R.T.: 0.000 min
Response: 657948
Conc: 34.26 ng/ml



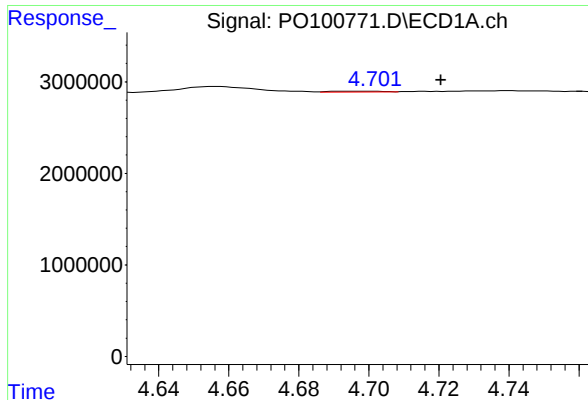
#10 AR-1221-3

R.T.: 4.702 min
Delta R.T.: -0.019 min
Response: 100605
Conc: 1.21 ng/ml



#10 AR-1221-3

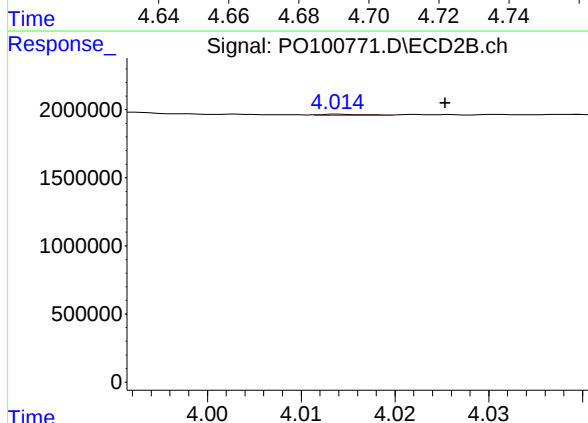
R.T.: 4.014 min
Delta R.T.: -0.011 min
Response: 23299
Conc: 0.40 ng/ml



#11 AR-1232-1

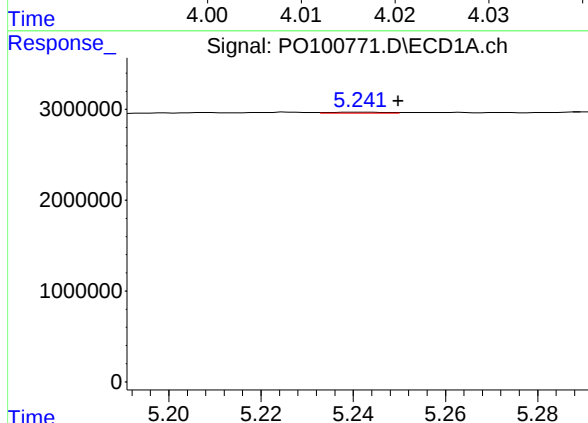
R.T.: 4.702 min
Delta R.T.: -0.019 min
Response: 100605
Conc: 1.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



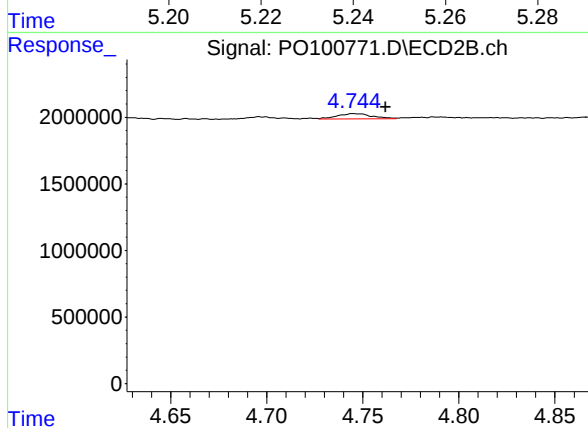
#11 AR-1232-1

R.T.: 4.014 min
Delta R.T.: -0.011 min
Response: 23299
Conc: 0.49 ng/ml



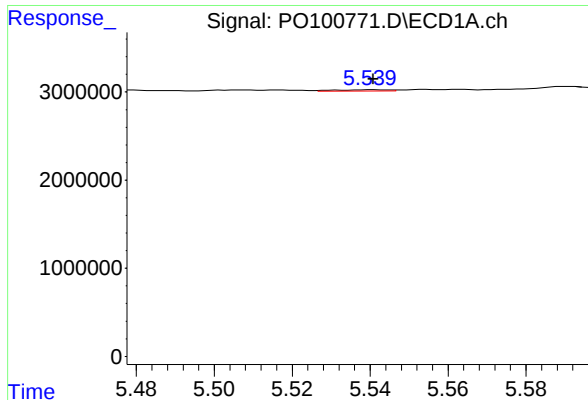
#12 AR-1232-2

R.T.: 5.242 min
Delta R.T.: -0.008 min
Response: 90150
Conc: 2.57 ng/ml



#12 AR-1232-2

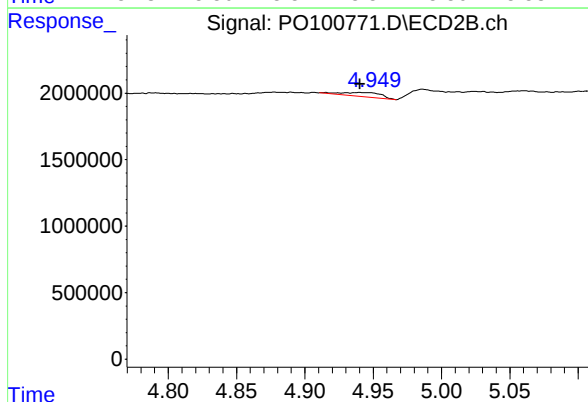
R.T.: 4.746 min
Delta R.T.: -0.016 min
Response: 509359
Conc: 12.21 ng/ml



#13 AR-1232-3

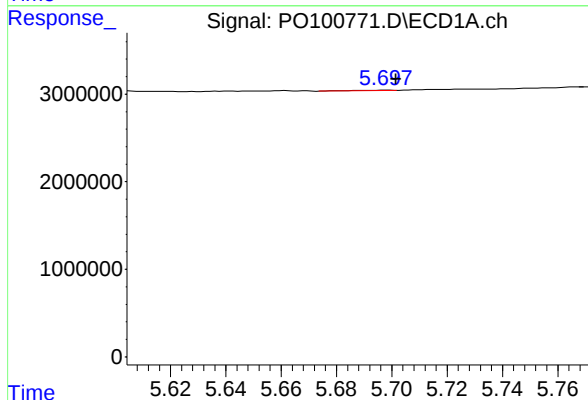
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 158019
Conc: 2.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



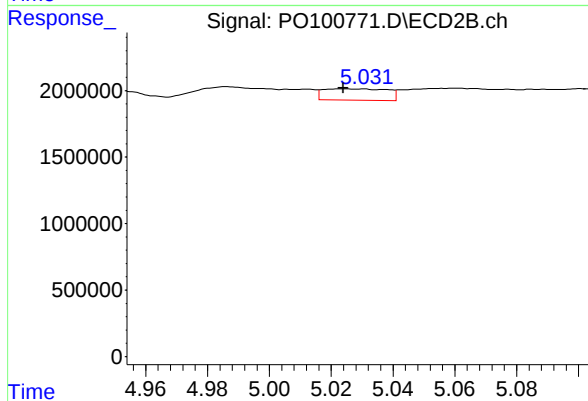
#13 AR-1232-3

R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 636313
Conc: 29.66 ng/ml



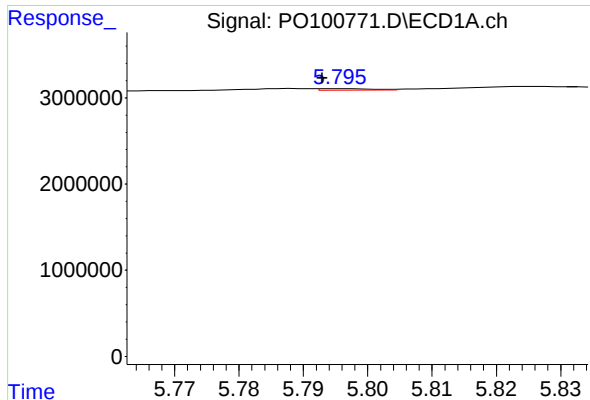
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 38035
Conc: 1.39 ng/ml



#14 AR-1232-4

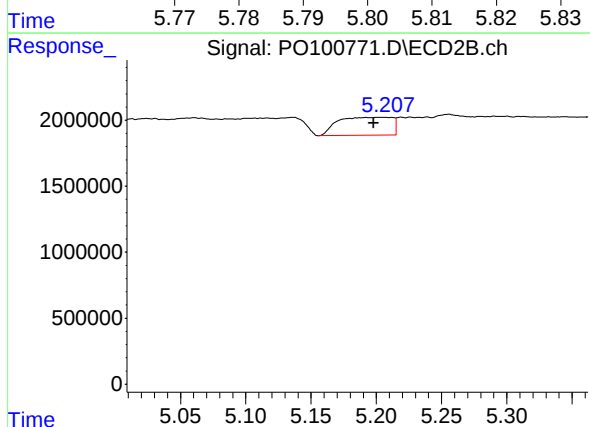
R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 1218925
Conc: 57.37 ng/ml



#15 AR-1232-5

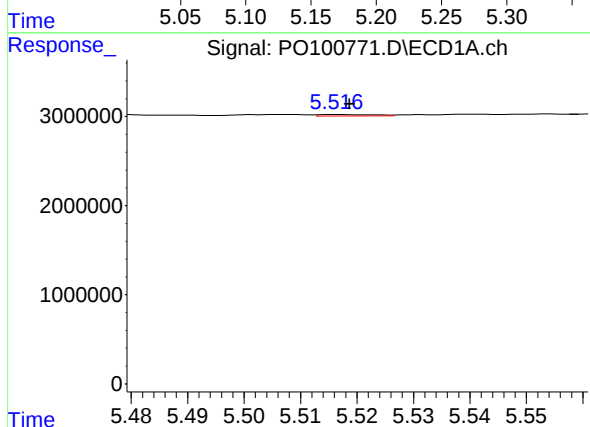
R.T.: 5.796 min
Delta R.T.: 0.003 min
Response: 106730
Conc: 4.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



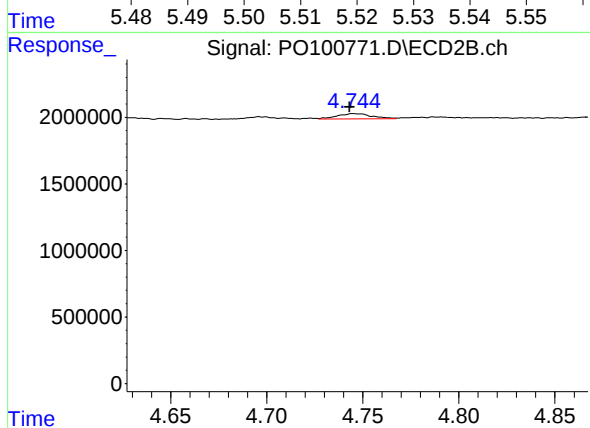
#15 AR-1232-5

R.T.: 5.206 min
Delta R.T.: 0.008 min
Response: 3905114
Conc: 178.69 ng/ml



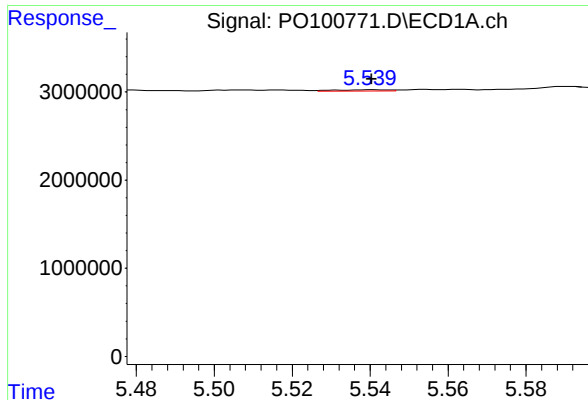
#16 AR-1242-1

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 112065
Conc: 1.59 ng/ml



#16 AR-1242-1

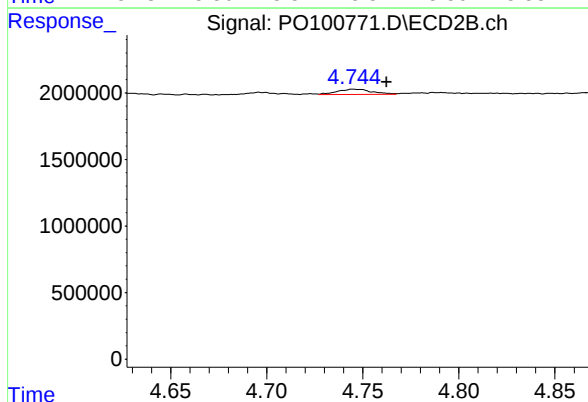
R.T.: 4.746 min
Delta R.T.: 0.002 min
Response: 509359
Conc: 9.75 ng/ml



#17 AR-1242-2

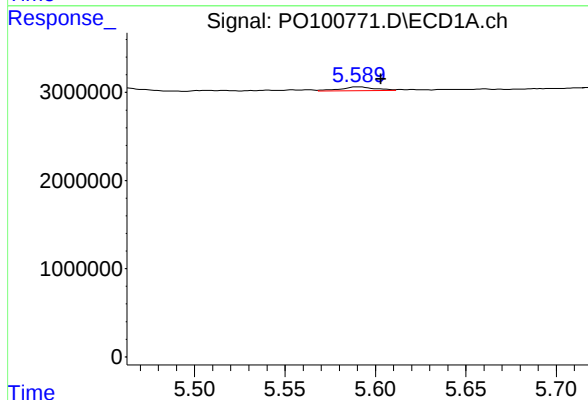
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 158019
Conc: 1.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



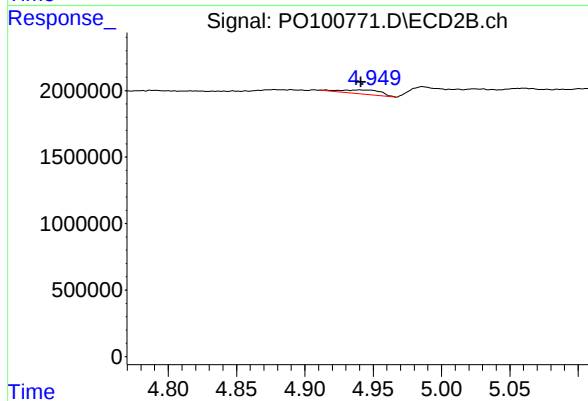
#17 AR-1242-2

R.T.: 4.746 min
Delta R.T.: -0.017 min
Response: 509359
Conc: 7.03 ng/ml



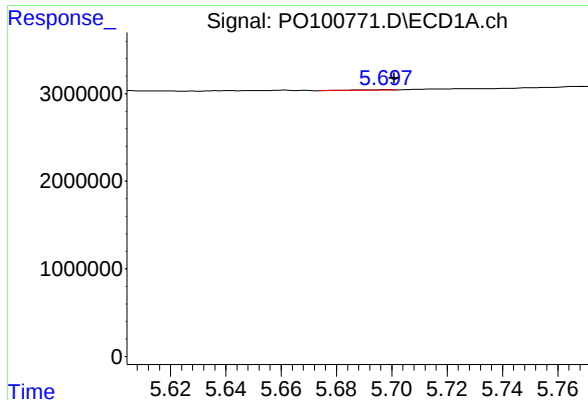
#18 AR-1242-3

R.T.: 5.591 min
Delta R.T.: -0.012 min
Response: 598954
Conc: 9.21 ng/ml



#18 AR-1242-3

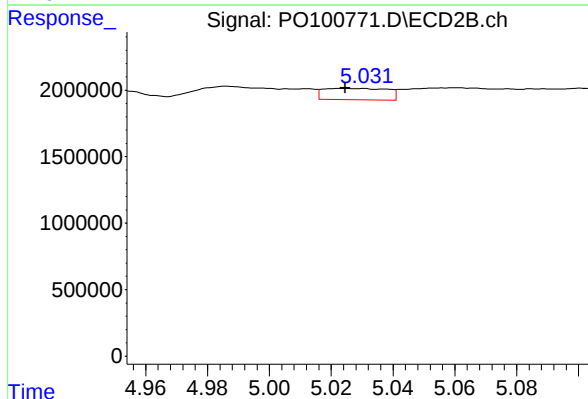
R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 636313
Conc: 16.61 ng/ml



#19 AR-1242-4

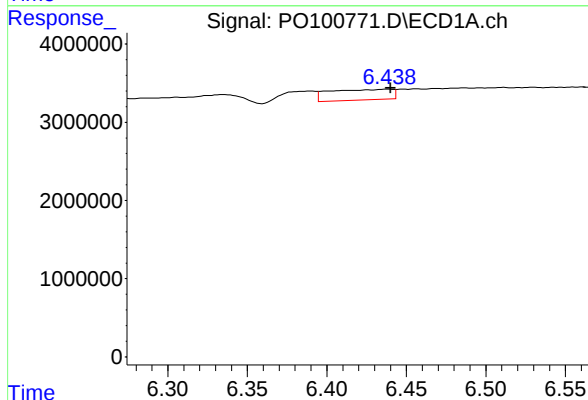
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 38035
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



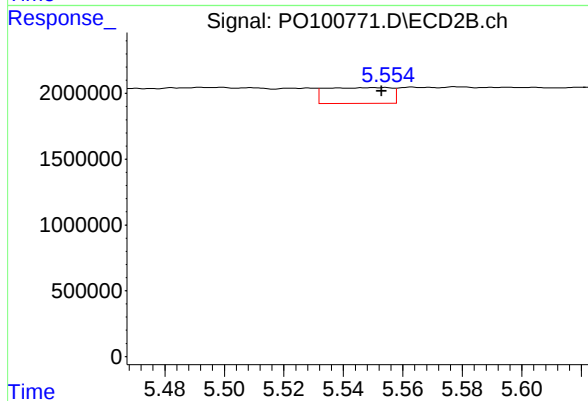
#19 AR-1242-4

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 1218925
Conc: 29.24 ng/ml



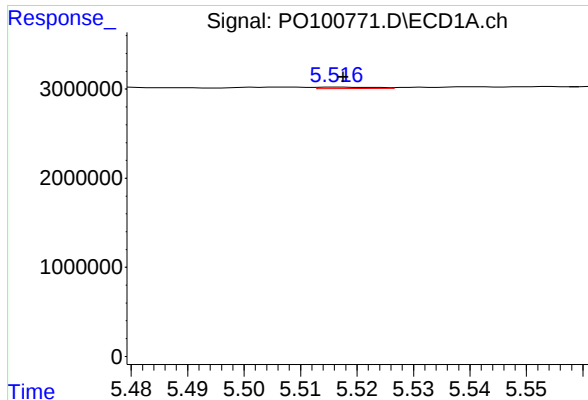
#20 AR-1242-5

R.T.: 6.438 min
Delta R.T.: -0.002 min
Response: 3727462
Conc: 72.02 ng/ml



#20 AR-1242-5

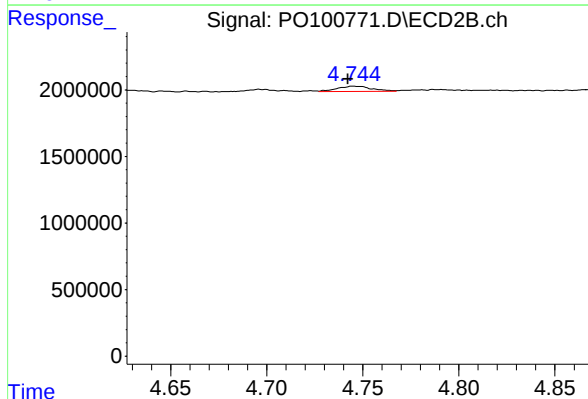
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 1832720
Conc: 39.93 ng/ml



#21 AR-1248-1

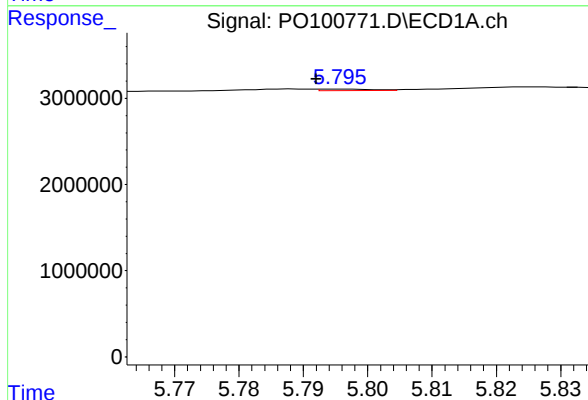
R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 112065
Conc: 2.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



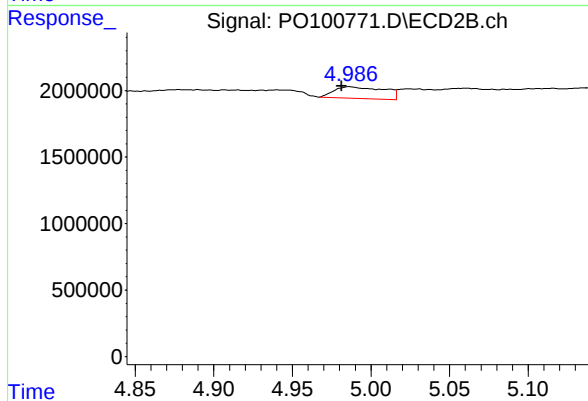
#21 AR-1248-1

R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 509359
Conc: 12.74 ng/ml



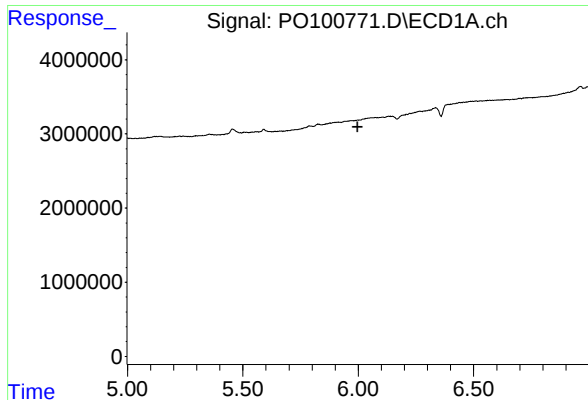
#22 AR-1248-2

R.T.: 5.796 min
Delta R.T.: 0.004 min
Response: 106730
Conc: 1.24 ng/ml



#22 AR-1248-2

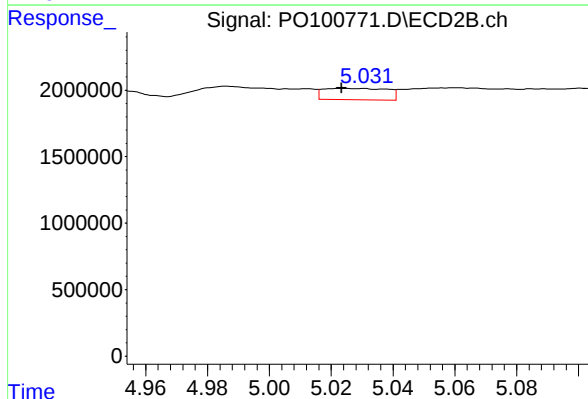
R.T.: 4.986 min
Delta R.T.: 0.005 min
Response: 1926501
Conc: 32.02 ng/ml



#23 AR-1248-3

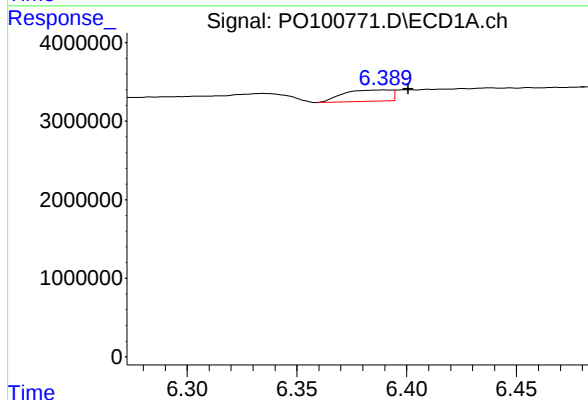
R.T.: 5.997 min
Delta R.T.: 0.001 min
Response: -40267
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



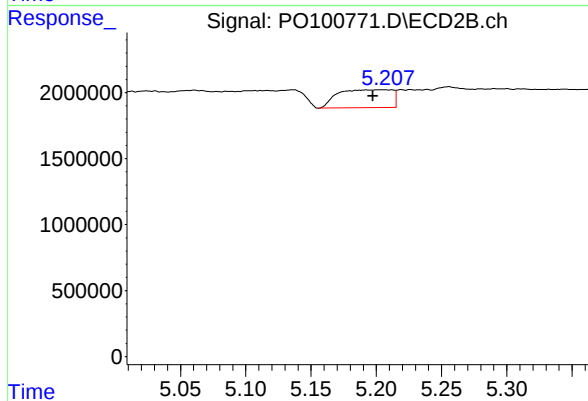
#23 AR-1248-3

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 1218925
Conc: 19.50 ng/ml



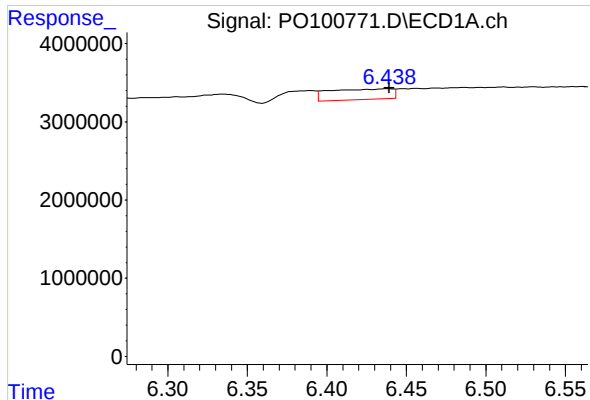
#24 AR-1248-4

R.T.: 6.390 min
Delta R.T.: -0.011 min
Response: 2142405
Conc: 23.83 ng/ml



#24 AR-1248-4

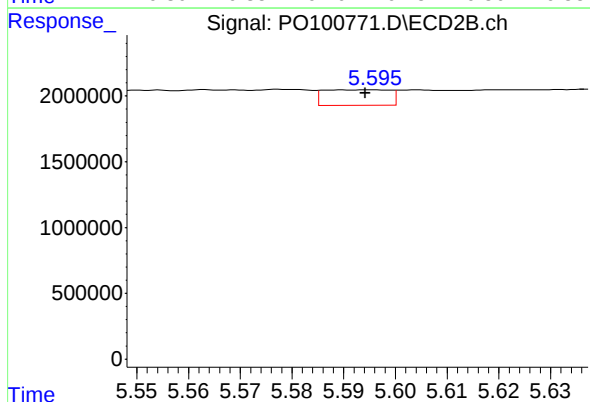
R.T.: 5.206 min
Delta R.T.: 0.009 min
Response: 3905114
Conc: 54.21 ng/ml



#25 AR-1248-5

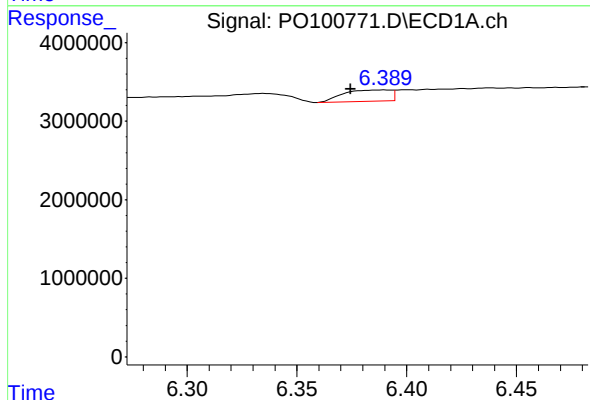
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 3727462
Conc: 41.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



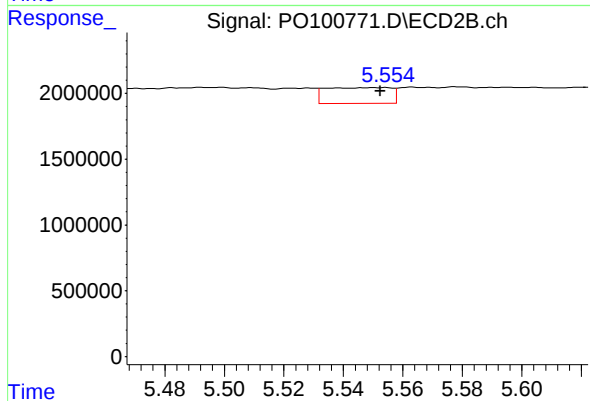
#25 AR-1248-5

R.T.: 5.595 min
Delta R.T.: 0.001 min
Response: 1042965
Conc: 16.91 ng/ml



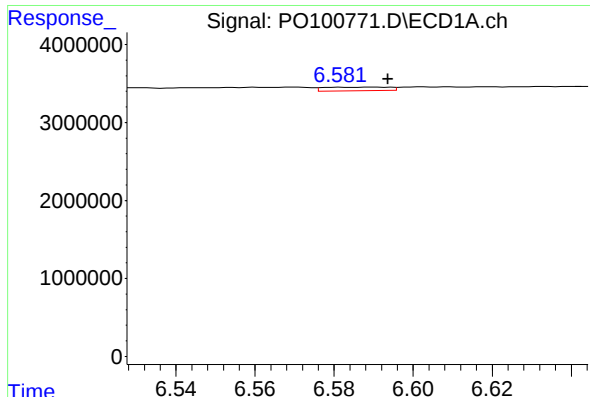
#26 AR-1254-1

R.T.: 6.390 min
Delta R.T.: 0.015 min
Response: 2142405
Conc: 20.38 ng/ml



#26 AR-1254-1

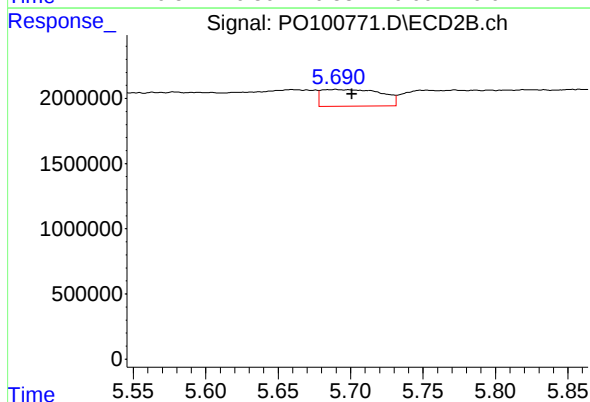
R.T.: 5.553 min
Delta R.T.: 0.001 min
Response: 1832720
Conc: 17.86 ng/ml



#27 AR-1254-2

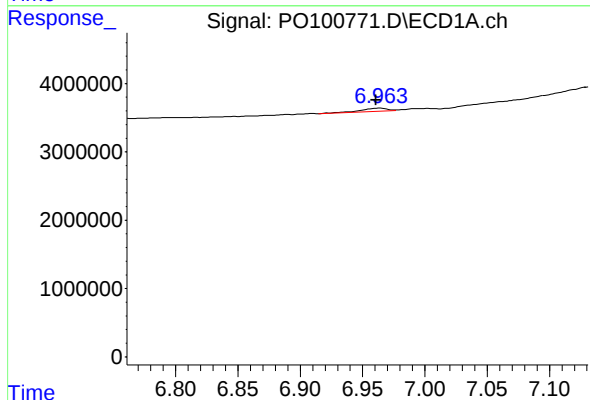
R.T.: 6.590 min
Delta R.T.: -0.003 min
Response: 542900
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



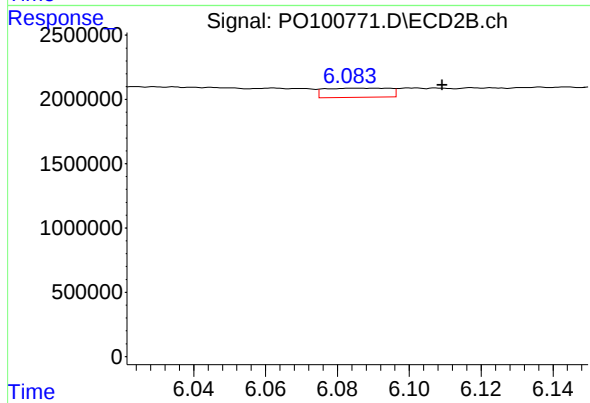
#27 AR-1254-2

R.T.: 5.690 min
Delta R.T.: -0.011 min
Response: 3686465
Conc: 40.13 ng/ml



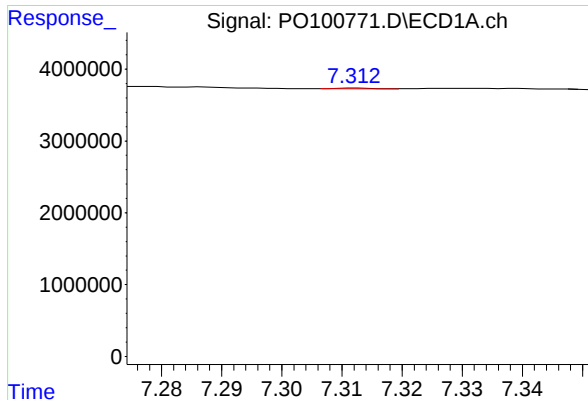
#28 AR-1254-3

R.T.: 6.964 min
Delta R.T.: 0.003 min
Response: 738460
Conc: 5.27 ng/ml



#28 AR-1254-3

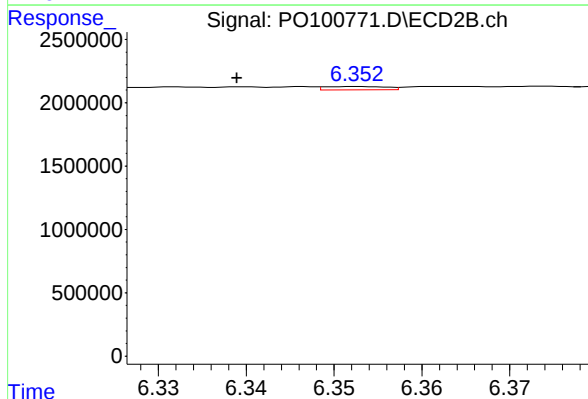
R.T.: 6.090 min
Delta R.T.: -0.020 min
Response: 891742
Conc: 6.59 ng/ml



#29 AR-1254-4

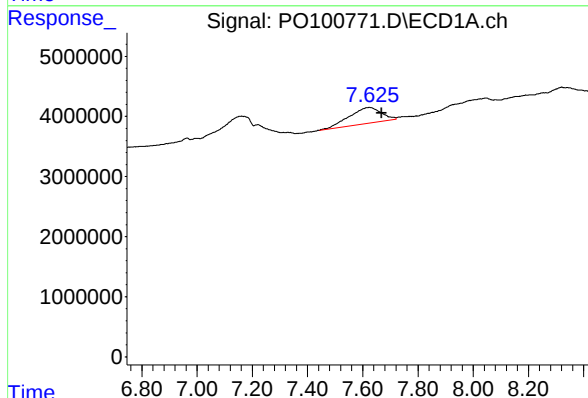
R.T.: 7.312 min
Delta R.T.: 0.065 min
Response: 41506
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



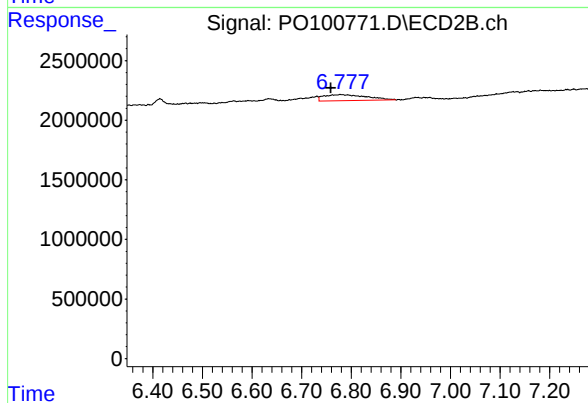
#29 AR-1254-4

R.T.: 6.352 min
Delta R.T.: 0.013 min
Response: 132946
Conc: 1.84 ng/ml



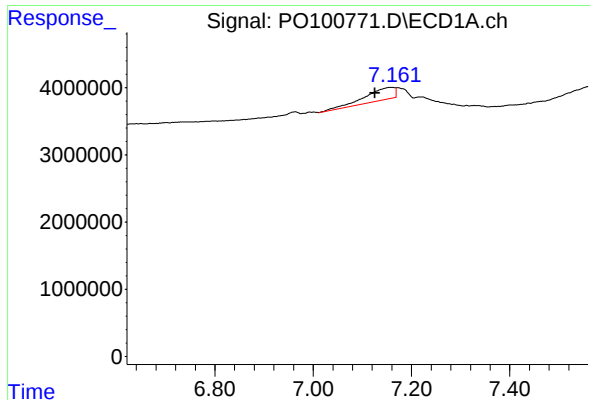
#30 AR-1254-5

R.T.: 7.625 min
Delta R.T.: -0.043 min
Response: 21756041
Conc: 183.86 ng/ml



#30 AR-1254-5

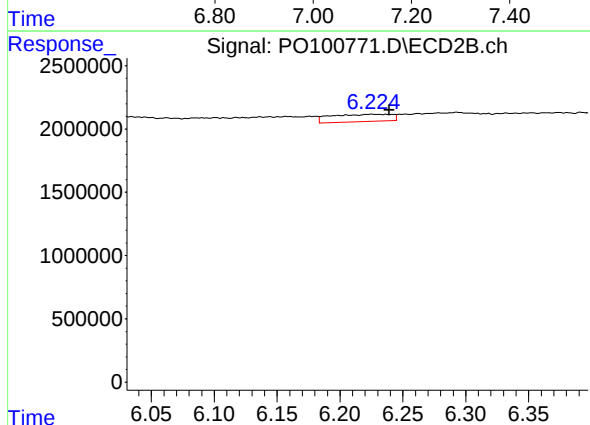
R.T.: 6.778 min
Delta R.T.: 0.018 min
Response: 2933279
Conc: 25.46 ng/ml



#31 AR-1260-1

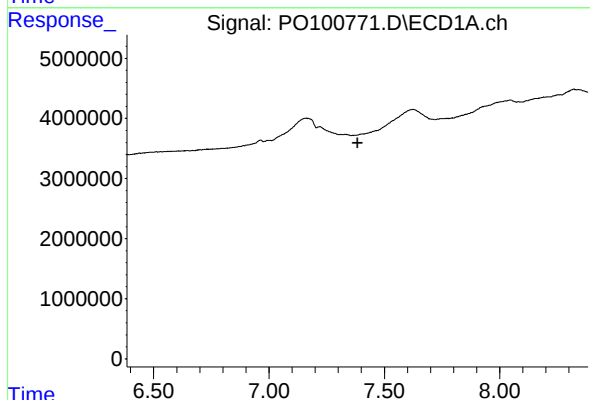
R.T.: 7.161 min
Delta R.T.: 0.035 min
Response: 7541288
Conc: 55.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



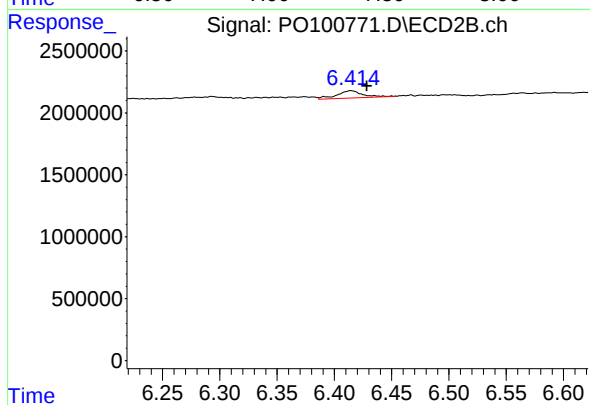
#31 AR-1260-1

R.T.: 6.225 min
Delta R.T.: -0.014 min
Response: 1937204
Conc: 20.34 ng/ml



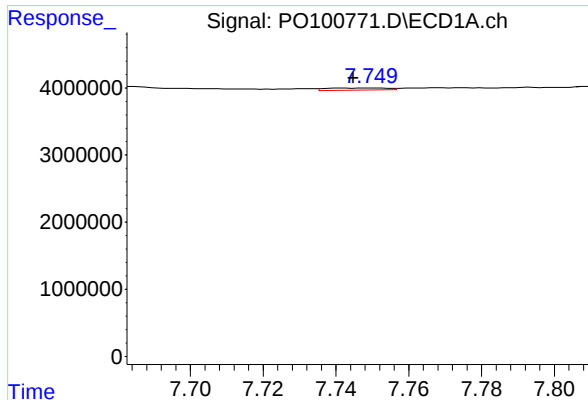
#32 AR-1260-2

R.T.: 7.439 min
Delta R.T.: 0.054 min
Response: -172918
Conc: N.D.



#32 AR-1260-2

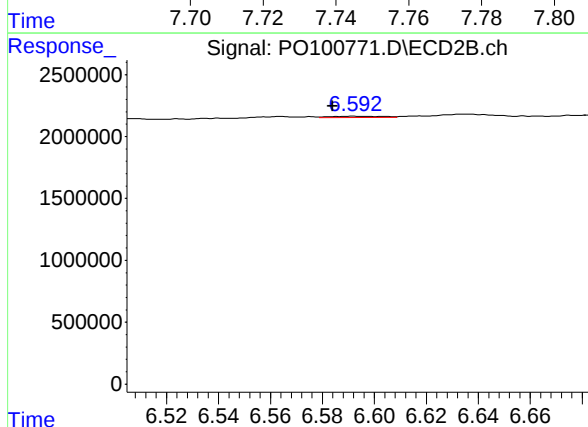
R.T.: 6.415 min
Delta R.T.: -0.014 min
Response: 918204
Conc: 8.54 ng/ml



#33 AR-1260-3

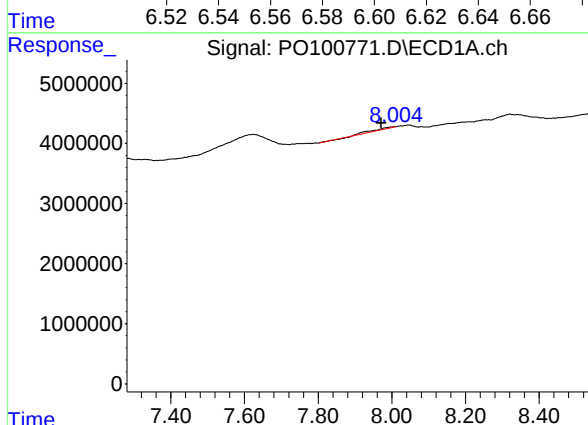
R.T.: 7.749 min
Delta R.T.: 0.004 min
Response: 333384
Conc: 3.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



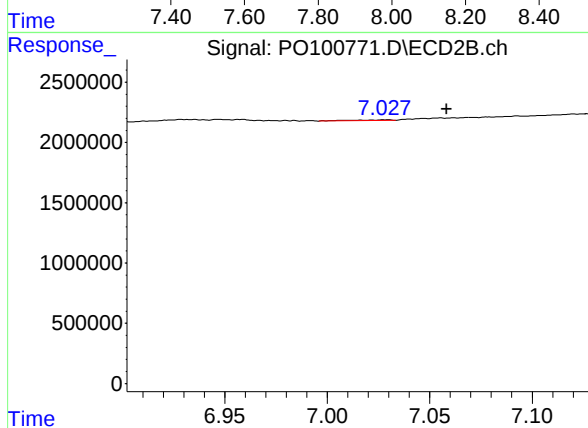
#33 AR-1260-3

R.T.: 6.592 min
Delta R.T.: 0.008 min
Response: 157556
Conc: 1.54 ng/ml



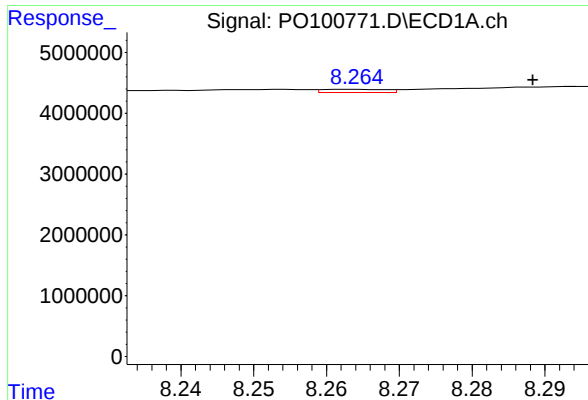
#34 AR-1260-4

R.T.: 8.006 min
Delta R.T.: 0.035 min
Response: 1227231
Conc: 11.63 ng/ml



#34 AR-1260-4

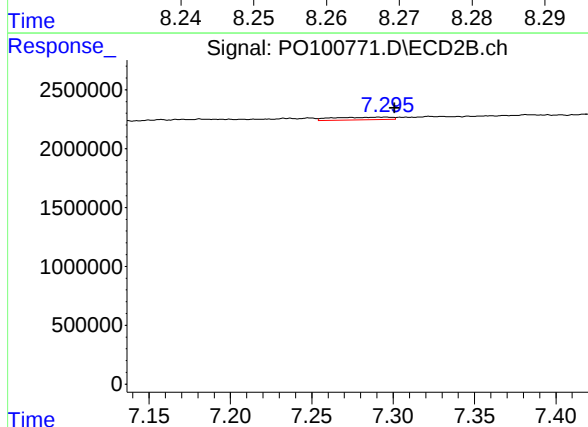
R.T.: 7.029 min
Delta R.T.: -0.029 min
Response: 77799
Conc: 0.95 ng/ml



#35 AR-1260-5

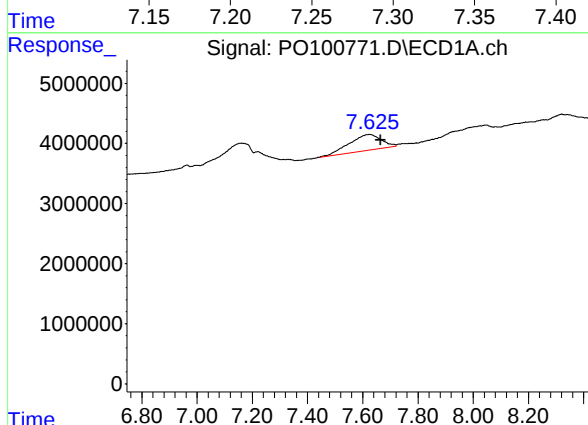
R.T.: 8.264 min
Delta R.T.: -0.024 min
Response: 315843
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



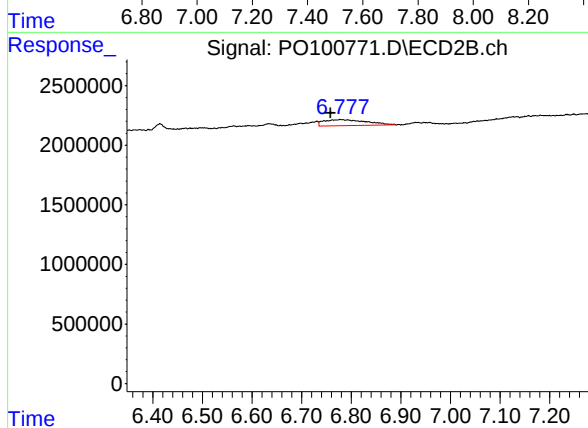
#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.006 min
Response: 547847
Conc: 3.04 ng/ml



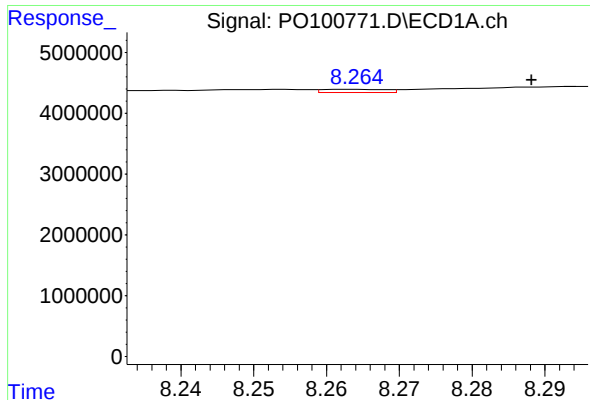
#36 AR-1262-1

R.T.: 7.625 min
Delta R.T.: -0.039 min
Response: 21756041
Conc: 217.78 ng/ml



#36 AR-1262-1

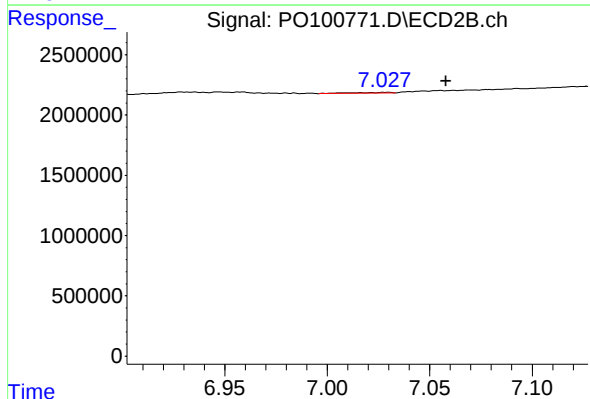
R.T.: 6.778 min
Delta R.T.: 0.019 min
Response: 2933279
Conc: 47.02 ng/ml



#37 AR-1262-2

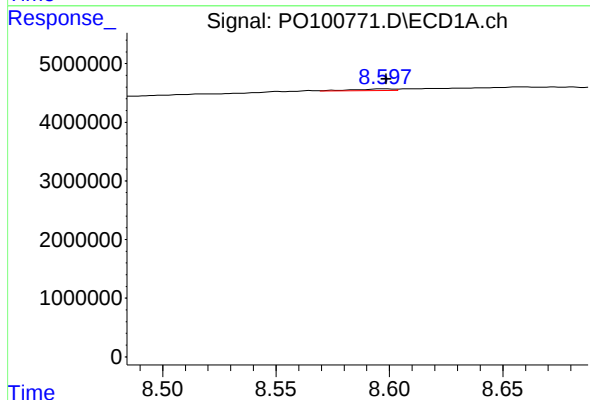
R.T.: 8.264 min
Delta R.T.: -0.024 min
Response: 315843
Conc: 1.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



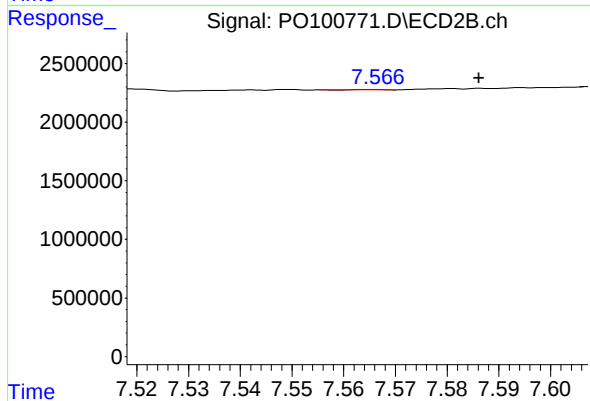
#37 AR-1262-2

R.T.: 7.029 min
Delta R.T.: -0.029 min
Response: 77799
Conc: 0.69 ng/ml



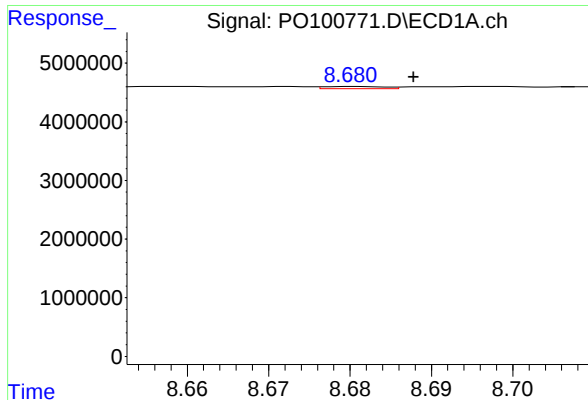
#38 AR-1262-3

R.T.: 8.597 min
Delta R.T.: -0.001 min
Response: 387605
Conc: 2.39 ng/ml



#38 AR-1262-3

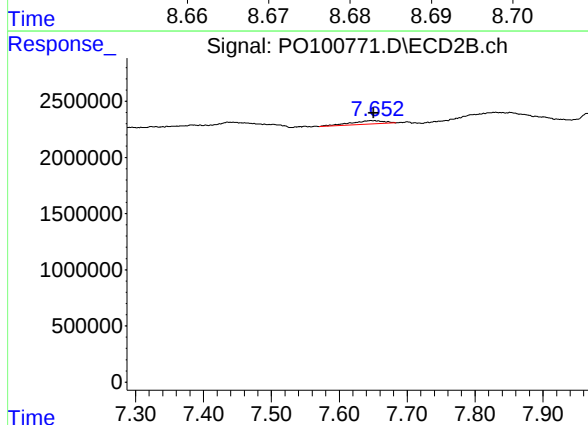
R.T.: 7.565 min
Delta R.T.: -0.021 min
Response: 8410
Conc: 0.11 ng/ml



#39 AR-1262-4

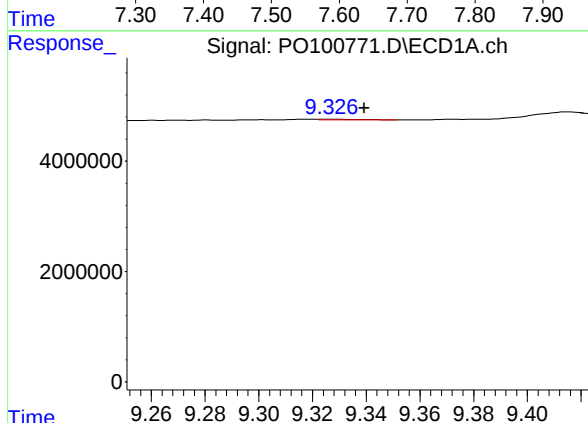
R.T.: 8.680 min
Delta R.T.: -0.007 min
Response: 197076
Conc: 1.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



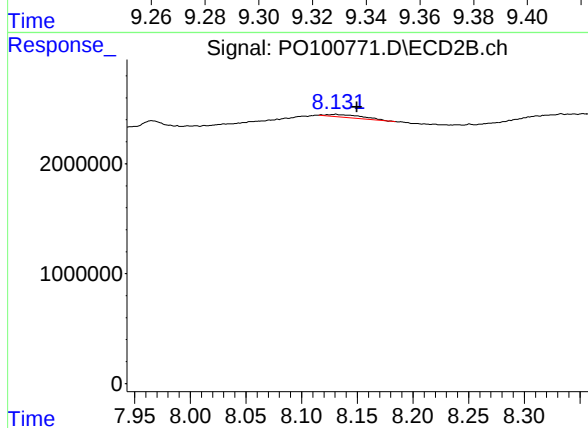
#39 AR-1262-4

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 1105710
Conc: 7.48 ng/ml



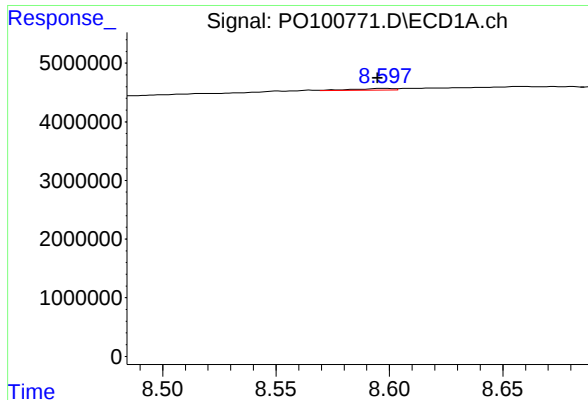
#40 AR-1262-5

R.T.: 9.327 min
Delta R.T.: -0.012 min
Response: 125937
Conc: 1.58 ng/ml



#40 AR-1262-5

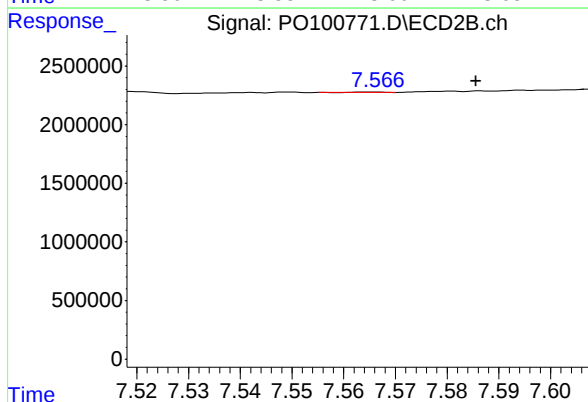
R.T.: 8.130 min
Delta R.T.: -0.019 min
Response: 536208
Conc: 8.38 ng/ml



#41 AR-1268-1

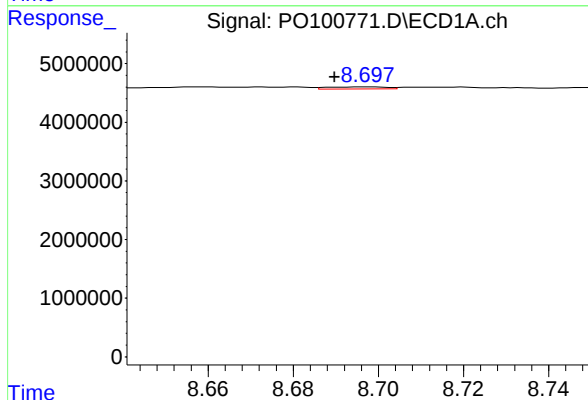
R.T.: 8.597 min
Delta R.T.: 0.002 min
Response: 387605
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



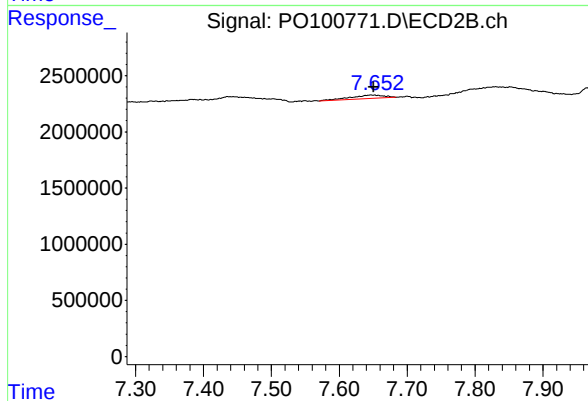
#41 AR-1268-1

R.T.: 7.565 min
Delta R.T.: -0.020 min
Response: 8410
Conc: 0.04 ng/ml



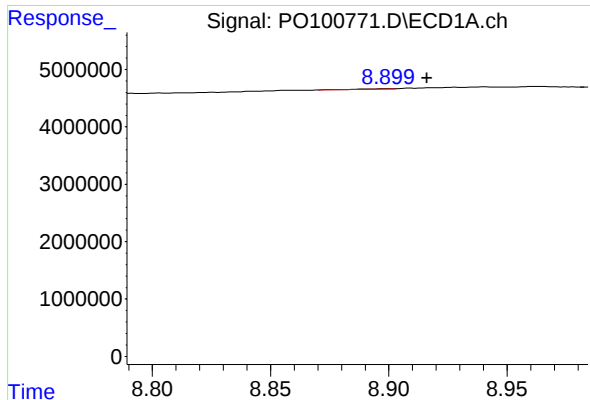
#42 AR-1268-2

R.T.: 8.697 min
Delta R.T.: 0.007 min
Response: 332481
Conc: 1.32 ng/ml



#42 AR-1268-2

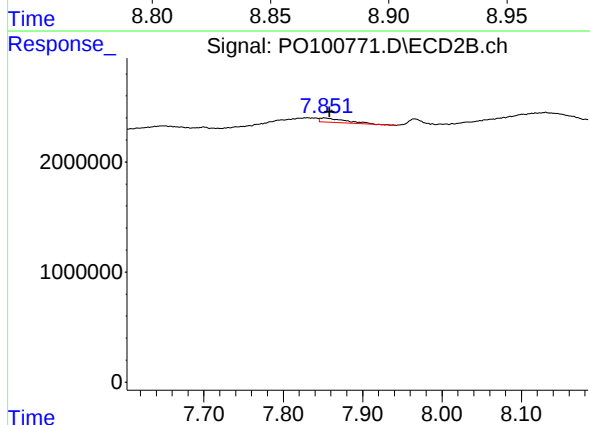
R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 1105710
Conc: 5.47 ng/ml



#43 AR-1268-3

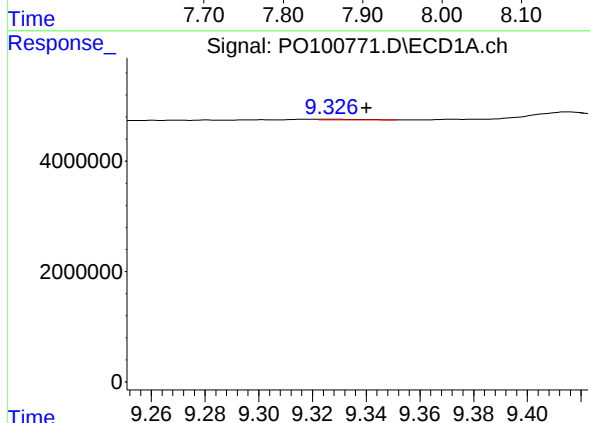
R.T.: 8.900 min
Delta R.T.: -0.016 min
Response: 109405
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



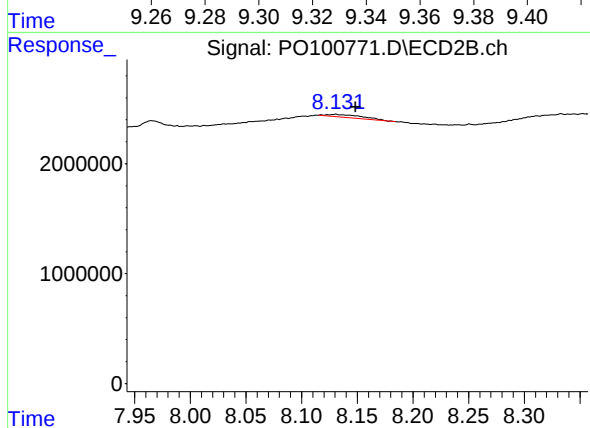
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: -0.006 min
Response: 861706
Conc: 4.57 ng/ml



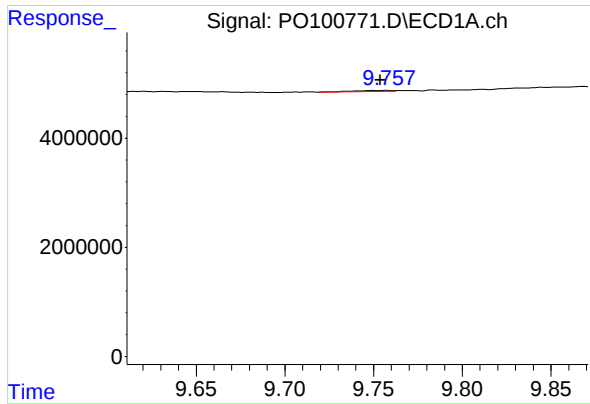
#44 AR-1268-4

R.T.: 9.327 min
Delta R.T.: -0.013 min
Response: 125937
Conc: 1.61 ng/ml



#44 AR-1268-4

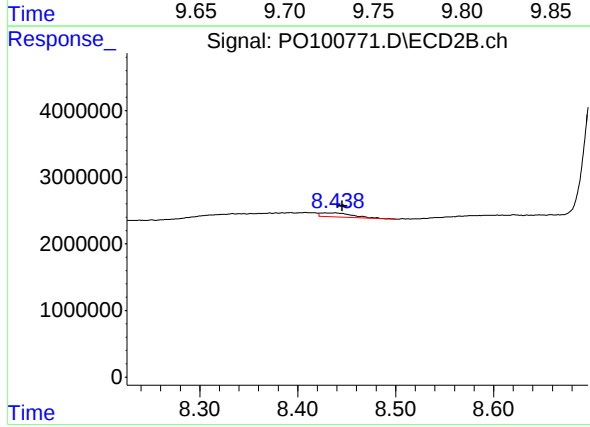
R.T.: 8.130 min
Delta R.T.: -0.018 min
Response: 536208
Conc: 7.99 ng/ml



#45 AR-1268-5

R.T.: 9.758 min
Delta R.T.: 0.004 min
Response: 260251
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.438 min
Delta R.T.: -0.007 min
Response: 1336849
Conc: 2.58 ng/ml