

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010424\
 Data File : P0100903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2024 10:52
 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: Jan 04 23:28:24 2024
 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...	4.347	3.643	57270017	36843450	18.354	18.030
2) SA Decachlor...	10.090	8.703	39516940	31603365	18.916	20.938
Target Compounds						
3) L1 AR-1016-1	5.523	4.744	58313	553139	0.679	8.938 #
4) L1 AR-1016-2	5.540	4.773	40530	29069	0.318	0.330
5) L1 AR-1016-3	5.590	4.904f	727058	9783	9.219	0.209 #
6) L1 AR-1016-4	5.689	4.983	22840	789971	0.375	19.250 #
7) L1 AR-1016-5	6.007	5.192	100087	397967	1.635	7.661 #
8) L2 AR-1221-1	4.584	3.869	28821	190097	0.780	7.570 #
9) L2 AR-1221-2	4.656	3.946	1099349	601935	39.586	31.347
10) L2 AR-1221-3	4.730	4.009	126697	122437	1.518	2.081 #
11) L3 AR-1232-1	4.730	4.009	126697	122437	1.900	2.589 #
12) L3 AR-1232-2	5.246	4.773	72542	29069	2.069	0.697 #
13) L3 AR-1232-3	5.540	4.904f	40530	9783	0.679	0.456 #
14) L3 AR-1232-4	5.689	5.059	22840	828525	0.833	38.995 #
15) L3 AR-1232-5	5.790	5.192	290287	397967	12.074	18.211 #
16) L4 AR-1242-1	5.523	4.744	58313	553139	0.827	10.591 #
17) L4 AR-1242-2	5.540	4.773	40530	29069	0.386	0.401
18) L4 AR-1242-3	5.590	4.904f	727058	9783	11.185	0.255 #
19) L4 AR-1242-4	5.689	5.059	22840	828525	0.456	19.877 #
20) L4 AR-1242-5	6.444	5.545	449909	371474	8.693	8.094
21) L5 AR-1248-1	5.523	4.744	58313	553139	1.063	13.832 #
22) L5 AR-1248-2	5.790	4.983	290287	789971	3.361	13.131 #
23) L5 AR-1248-3	6.007	5.059f	100087	828525	1.140	13.254 #
24) L5 AR-1248-4	6.384	5.192	367355	397967	4.086	5.525 #
25) L5 AR-1248-5	6.444	5.588	449909	479957	5.012	7.780 #
26) L6 AR-1254-1	6.384	5.545	367355	371474	3.495	3.620
27) L6 AR-1254-2	6.601	5.699	224997	871286	1.524	9.484 #
28) L6 AR-1254-3	6.962	6.099	516170	170371	3.686	1.260 #
29) L6 AR-1254-4	7.184f	6.335	804796	101976	9.467	1.414 #
30) L6 AR-1254-5	7.637	6.764	4282360	251812	36.191	2.185 #
31) L7 AR-1260-1	7.151	6.243	1042290	91021	7.608	0.956 #
32) L7 AR-1260-2	7.405	6.436	237204	43923	1.886	0.409 #
33) L7 AR-1260-3	7.749	6.586	641459	20148	6.622	0.197 #
34) L7 AR-1260-4	7.994	0.000	76846	0	0.728	N.D. #
35) L7 AR-1260-5	8.321	0.000	3151644	0	14.930	N.D. #
36) L8 AR-1262-1	7.637	6.764	4282360	251812	42.867	4.037 #
37) L8 AR-1262-2	8.321	0.000	3151644	0	13.281	N.D. #
38) L8 AR-1262-3	8.606	7.583	242063	83322	1.491	1.082 #
39) L8 AR-1262-4	8.693	7.648	214969	405816	1.667	2.747 #
40) L8 AR-1262-5	9.345	8.130	38702	295148	0.485	4.615 #
41) L9 AR-1268-1	8.589	7.583	364414	83322	1.290	0.376 #

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Integration File signal 1: autoint1.e
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 Quant Time: Jan 04 23:28:24 2024
 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

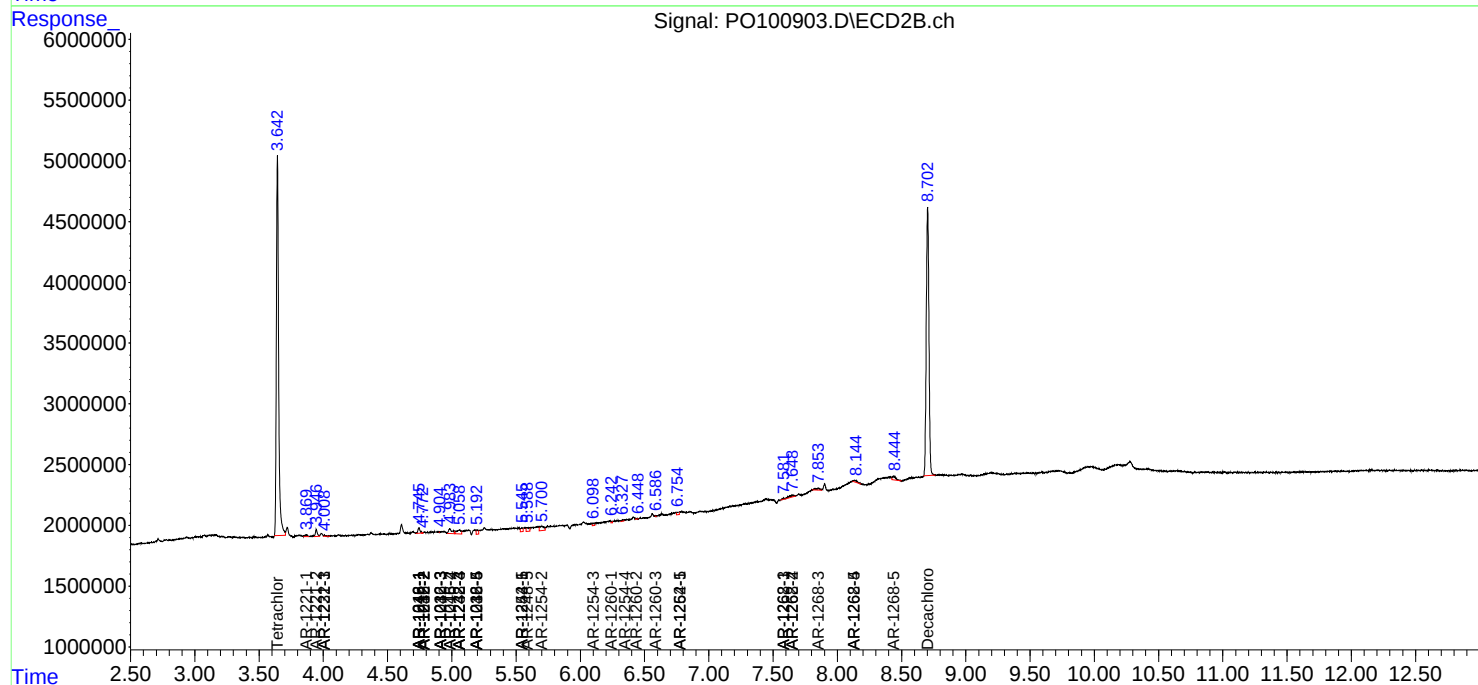
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

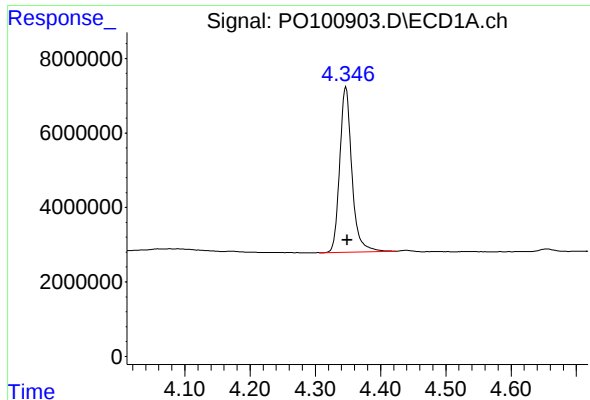
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.693	7.648	214969	405816	0.851	2.006 #
43) L9	AR-1268-3	8.918	7.853	136912	402861	0.600	2.135 #
44) L9	AR-1268-4	9.345	8.130	38702	295148	0.494	4.396 #
45) L9	AR-1268-5	9.749	8.441	411381	521733	0.574	1.006 #

(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

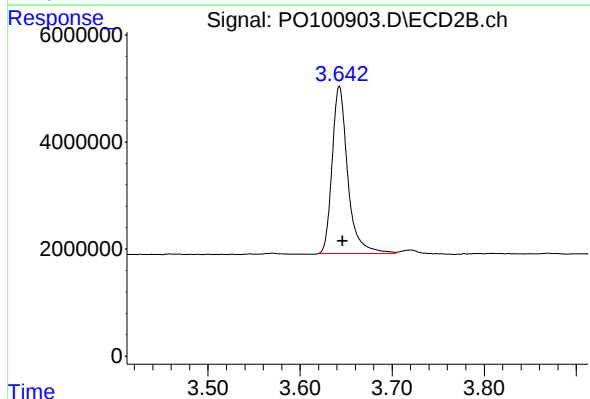




#1 Tetrachloro-m-xylene

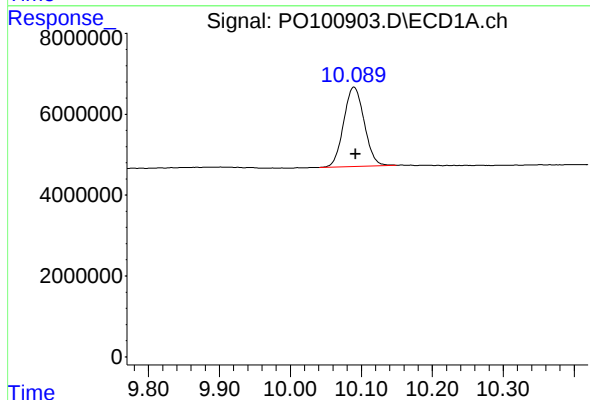
R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 57270017
Conc: 18.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



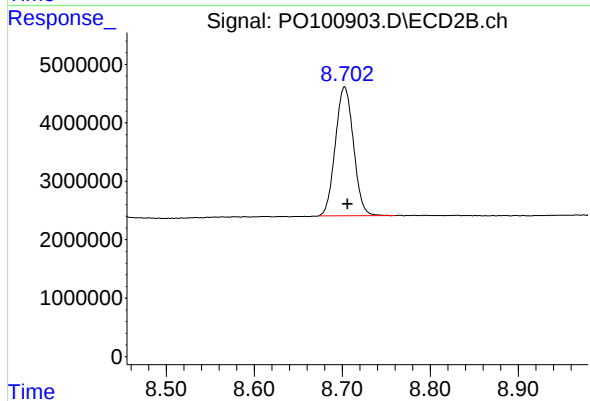
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.004 min
Response: 36843450
Conc: 18.03 ng/ml



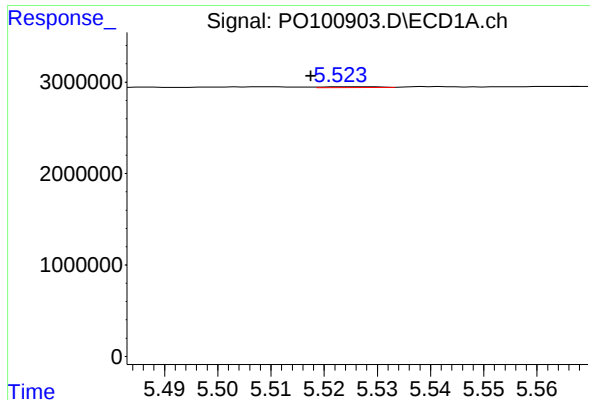
#2 Decachlorobiphenyl

R.T.: 10.090 min
Delta R.T.: -0.002 min
Response: 39516940
Conc: 18.92 ng/ml



#2 Decachlorobiphenyl

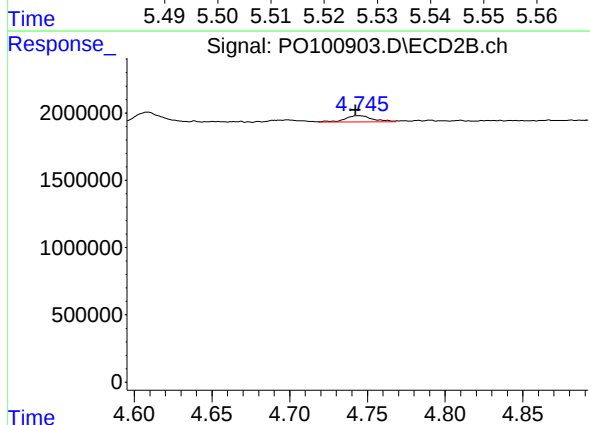
R.T.: 8.703 min
Delta R.T.: -0.003 min
Response: 31603365
Conc: 20.94 ng/ml



#3 AR-1016-1

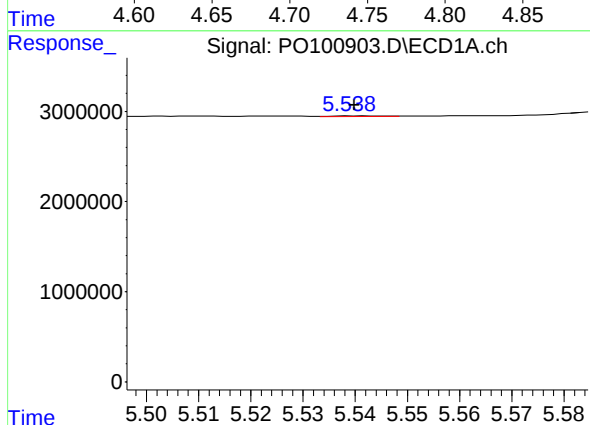
R.T.: 5.523 min
Delta R.T.: 0.006 min
Response: 58313
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



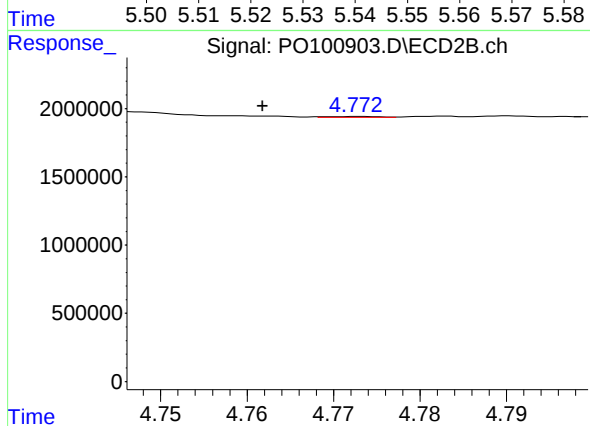
#3 AR-1016-1

R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 553139
Conc: 8.94 ng/ml



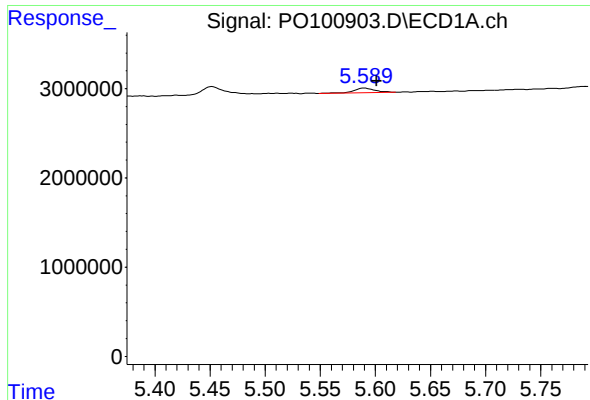
#4 AR-1016-2

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 40530
Conc: 0.32 ng/ml



#4 AR-1016-2

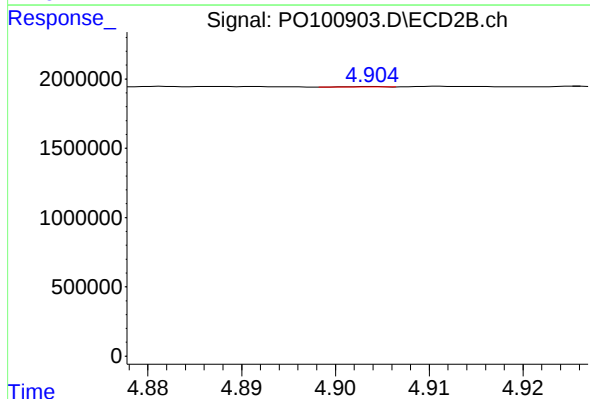
R.T.: 4.773 min
Delta R.T.: 0.011 min
Response: 29069
Conc: 0.33 ng/ml



#5 AR-1016-3

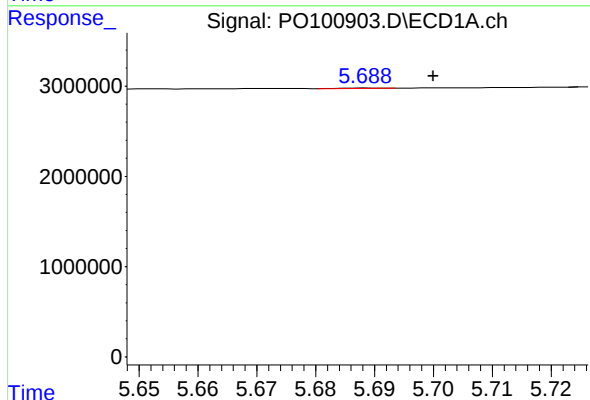
R.T.: 5.590 min
Delta R.T.: -0.011 min
Response: 727058
Conc: 9.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



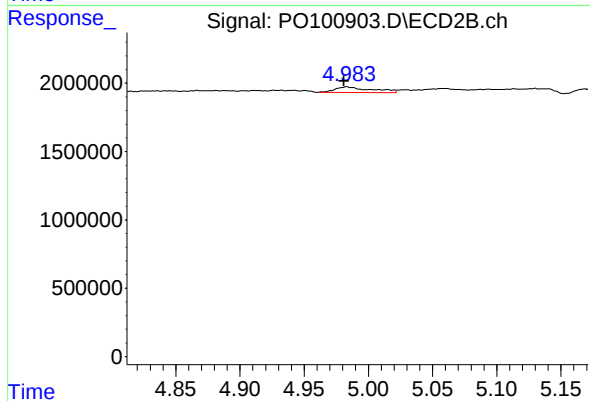
#5 AR-1016-3

R.T.: 4.904 min
Delta R.T.: -0.037 min
Response: 9783
Conc: 0.21 ng/ml



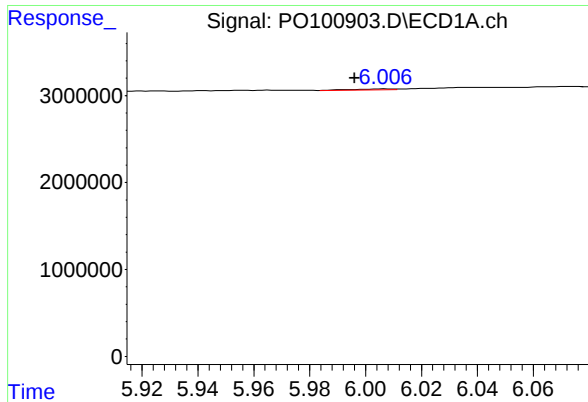
#6 AR-1016-4

R.T.: 5.689 min
Delta R.T.: -0.011 min
Response: 22840
Conc: 0.37 ng/ml



#6 AR-1016-4

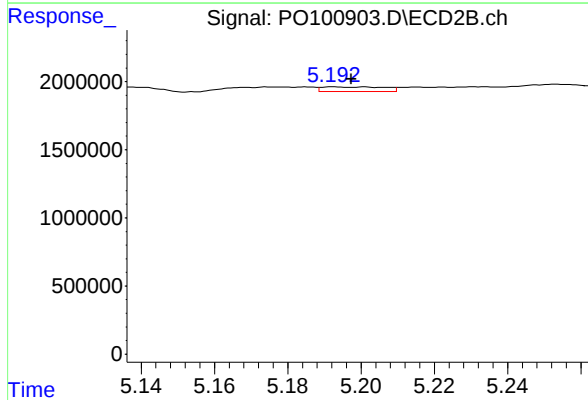
R.T.: 4.983 min
Delta R.T.: 0.002 min
Response: 789971
Conc: 19.25 ng/ml



#7 AR-1016-5

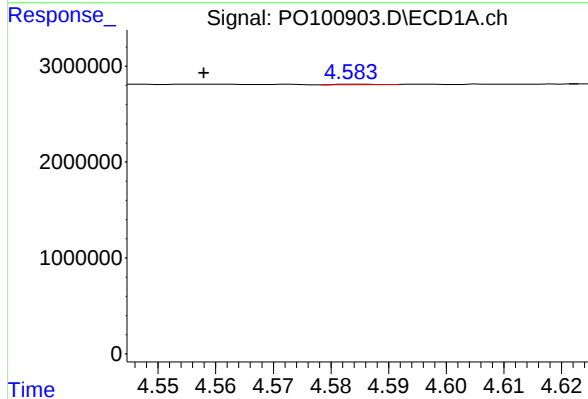
R.T.: 6.007 min
Delta R.T.: 0.011 min
Response: 100087
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



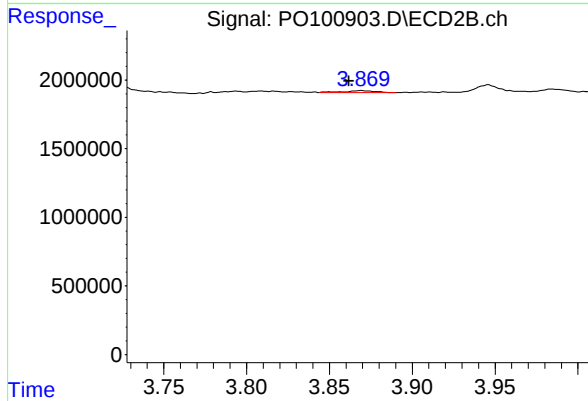
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: -0.005 min
Response: 397967
Conc: 7.66 ng/ml



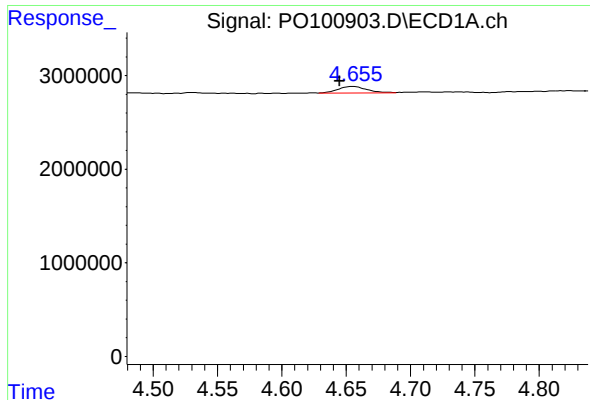
#8 AR-1221-1

R.T.: 4.584 min
Delta R.T.: 0.026 min
Response: 28821
Conc: 0.78 ng/ml



#8 AR-1221-1

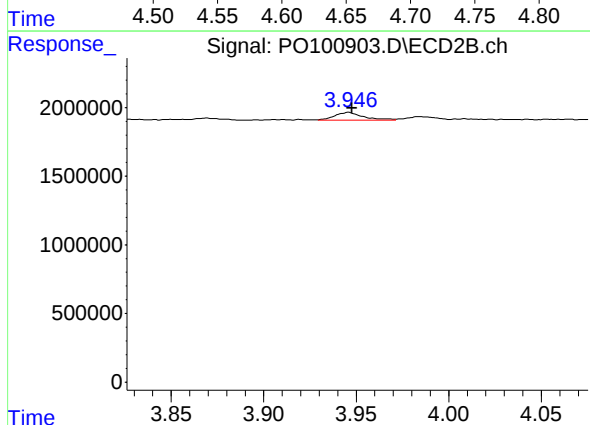
R.T.: 3.869 min
Delta R.T.: 0.008 min
Response: 190097
Conc: 7.57 ng/ml



#9 AR-1221-2

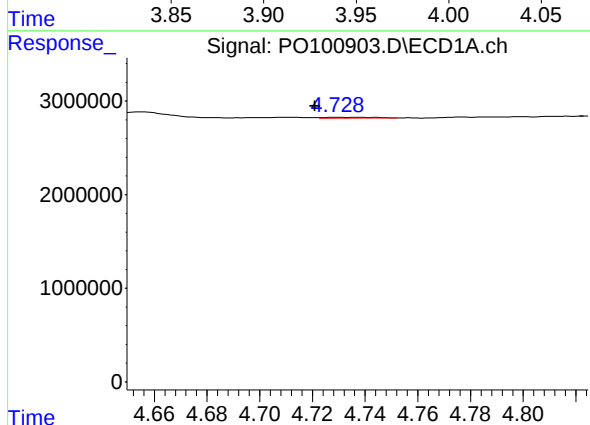
R.T.: 4.656 min
Delta R.T.: 0.011 min
Response: 1099349
Conc: 39.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



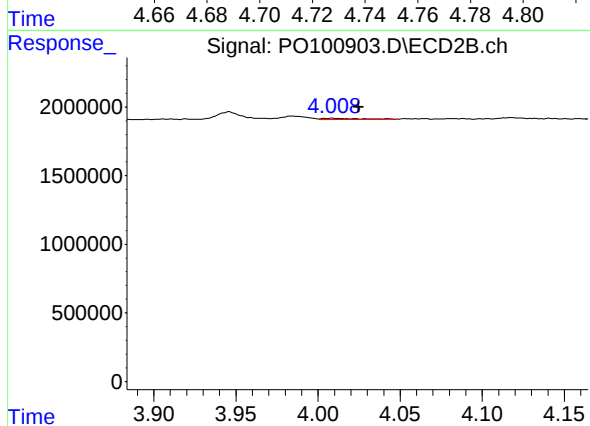
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 601935
Conc: 31.35 ng/ml



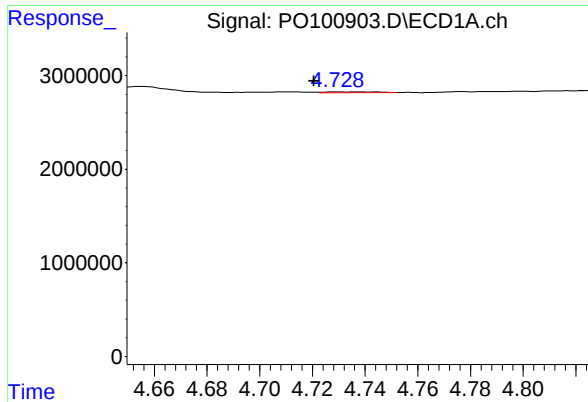
#10 AR-1221-3

R.T.: 4.730 min
Delta R.T.: 0.009 min
Response: 126697
Conc: 1.52 ng/ml



#10 AR-1221-3

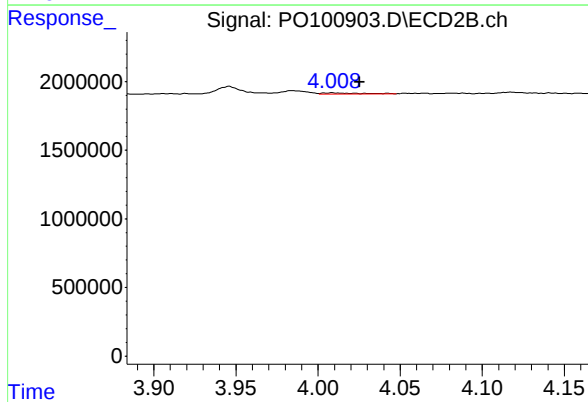
R.T.: 4.009 min
Delta R.T.: -0.016 min
Response: 122437
Conc: 2.08 ng/ml



#11 AR-1232-1

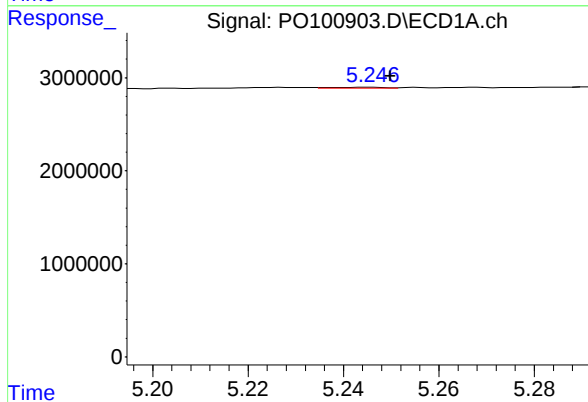
R.T.: 4.730 min
Delta R.T.: 0.009 min
Response: 126697
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



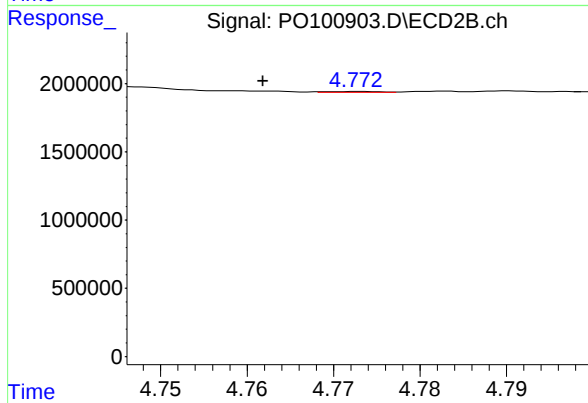
#11 AR-1232-1

R.T.: 4.009 min
Delta R.T.: -0.017 min
Response: 122437
Conc: 2.59 ng/ml



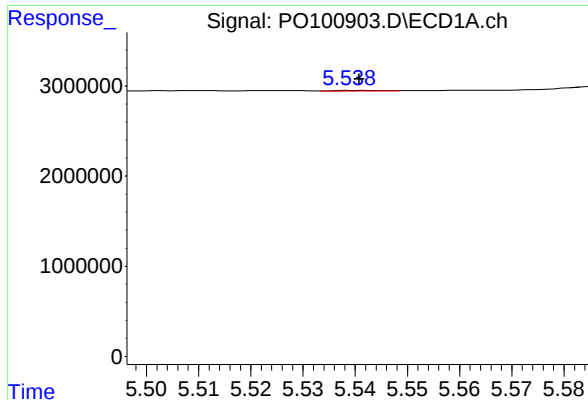
#12 AR-1232-2

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 72542
Conc: 2.07 ng/ml



#12 AR-1232-2

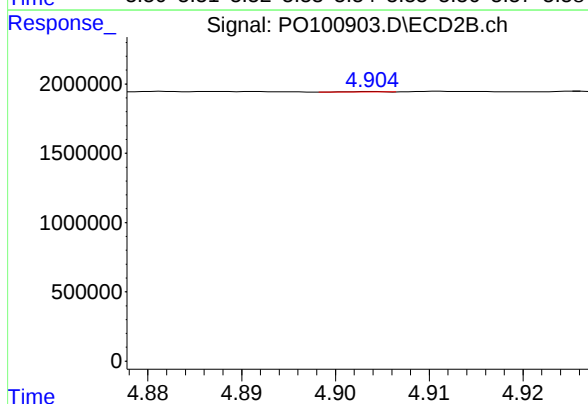
R.T.: 4.773 min
Delta R.T.: 0.011 min
Response: 29069
Conc: 0.70 ng/ml



#13 AR-1232-3

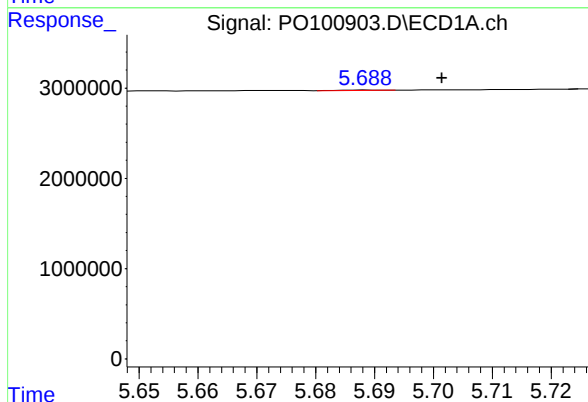
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 40530
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



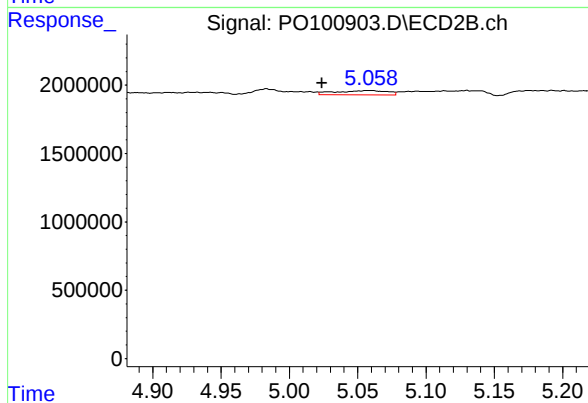
#13 AR-1232-3

R.T.: 4.904 min
Delta R.T.: -0.037 min
Response: 9783
Conc: 0.46 ng/ml



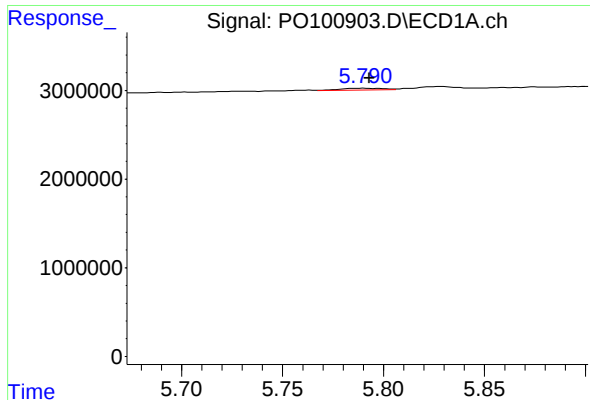
#14 AR-1232-4

R.T.: 5.689 min
Delta R.T.: -0.013 min
Response: 22840
Conc: 0.83 ng/ml



#14 AR-1232-4

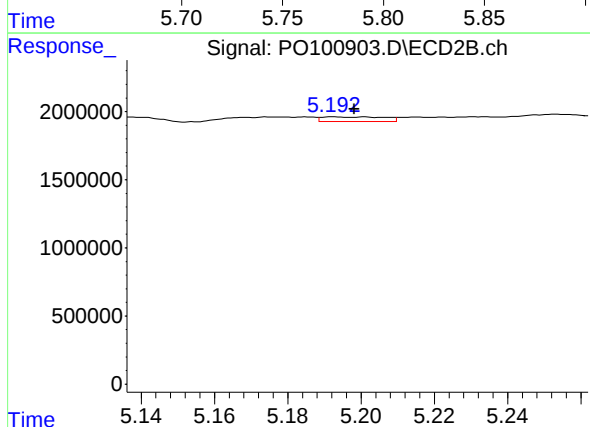
R.T.: 5.059 min
Delta R.T.: 0.035 min
Response: 828525
Conc: 39.00 ng/ml



#15 AR-1232-5

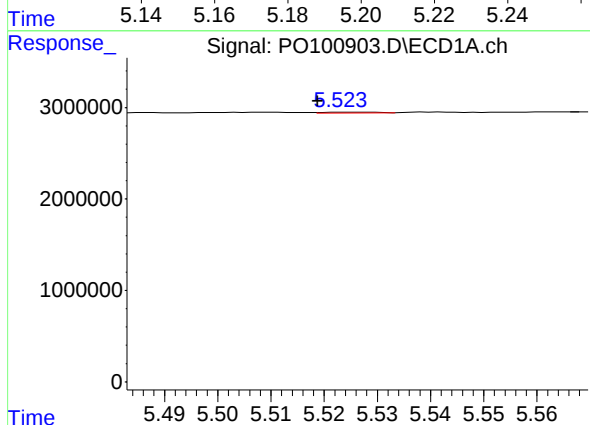
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 290287
Conc: 12.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



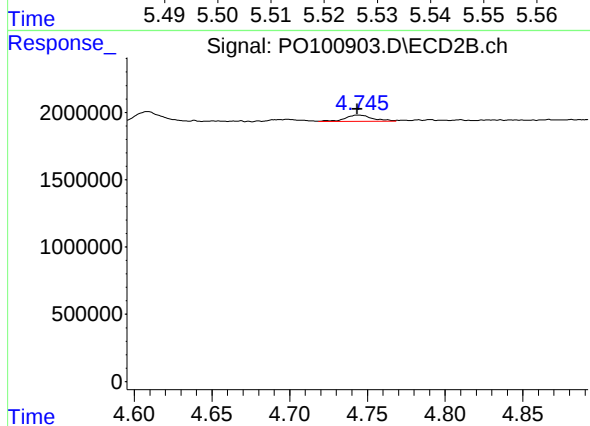
#15 AR-1232-5

R.T.: 5.192 min
Delta R.T.: -0.006 min
Response: 397967
Conc: 18.21 ng/ml



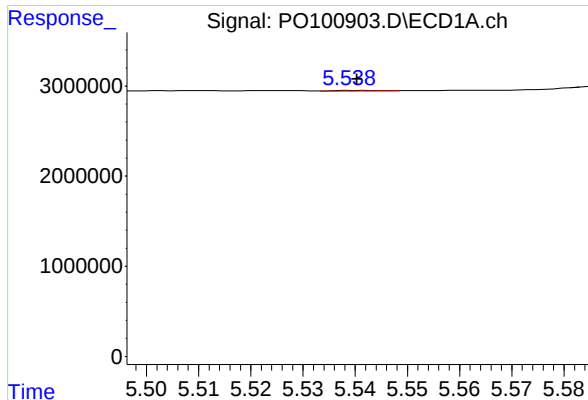
#16 AR-1242-1

R.T.: 5.523 min
Delta R.T.: 0.005 min
Response: 58313
Conc: 0.83 ng/ml



#16 AR-1242-1

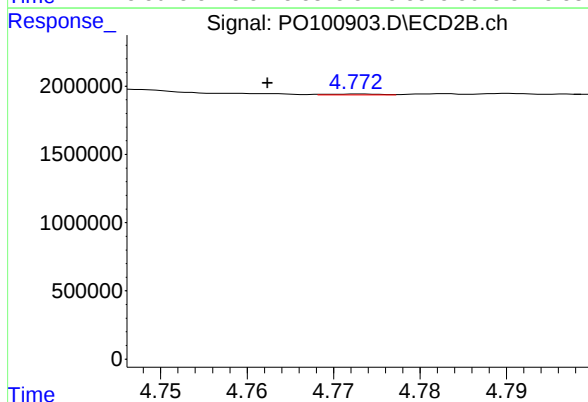
R.T.: 4.744 min
Delta R.T.: 0.001 min
Response: 553139
Conc: 10.59 ng/ml



#17 AR-1242-2

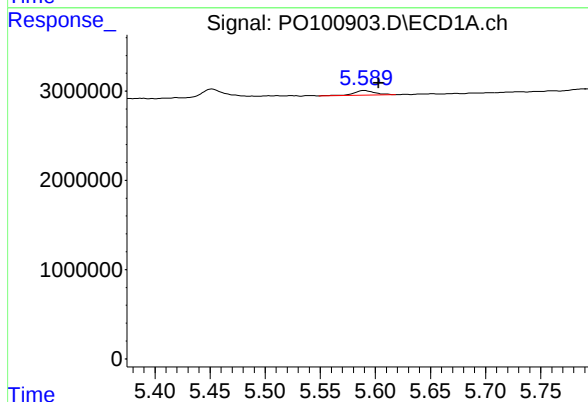
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 40530
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



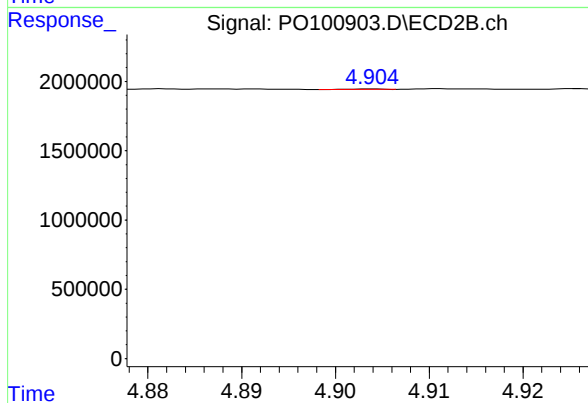
#17 AR-1242-2

R.T.: 4.773 min
Delta R.T.: 0.011 min
Response: 29069
Conc: 0.40 ng/ml



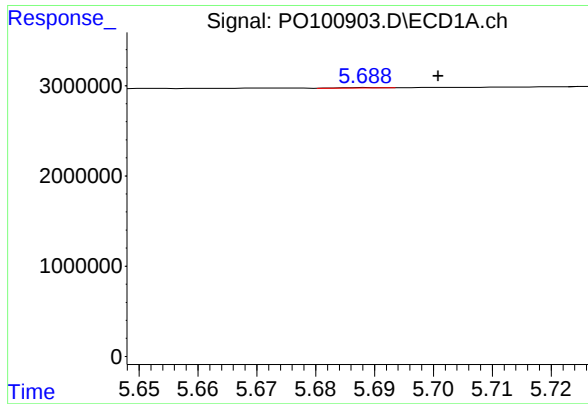
#18 AR-1242-3

R.T.: 5.590 min
Delta R.T.: -0.013 min
Response: 727058
Conc: 11.18 ng/ml



#18 AR-1242-3

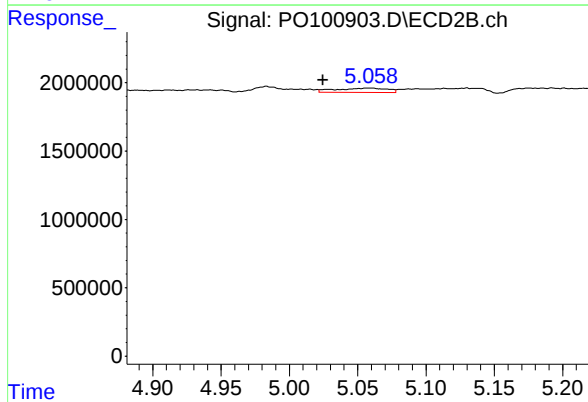
R.T.: 4.904 min
Delta R.T.: -0.038 min
Response: 9783
Conc: 0.26 ng/ml



#19 AR-1242-4

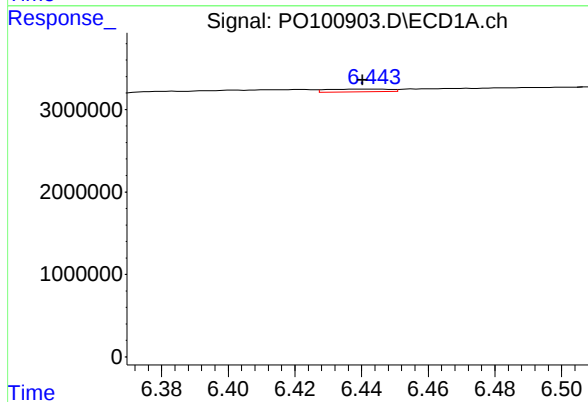
R.T.: 5.689 min
Delta R.T.: -0.012 min
Response: 22840
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



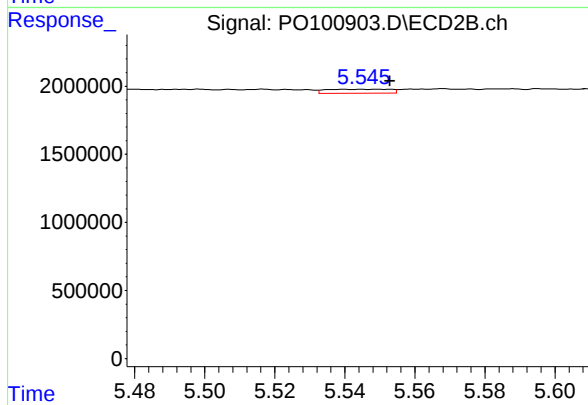
#19 AR-1242-4

R.T.: 5.059 min
Delta R.T.: 0.034 min
Response: 828525
Conc: 19.88 ng/ml



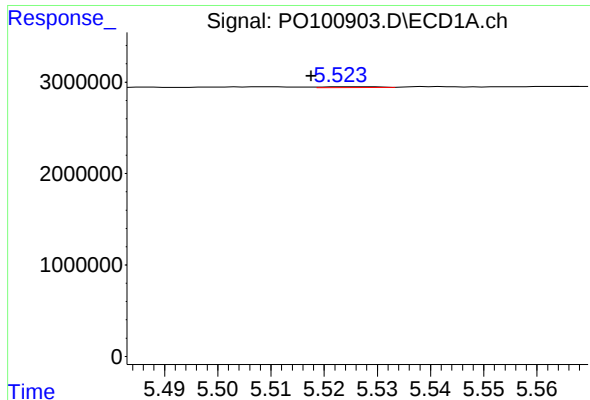
#20 AR-1242-5

R.T.: 6.444 min
Delta R.T.: 0.004 min
Response: 449909
Conc: 8.69 ng/ml



#20 AR-1242-5

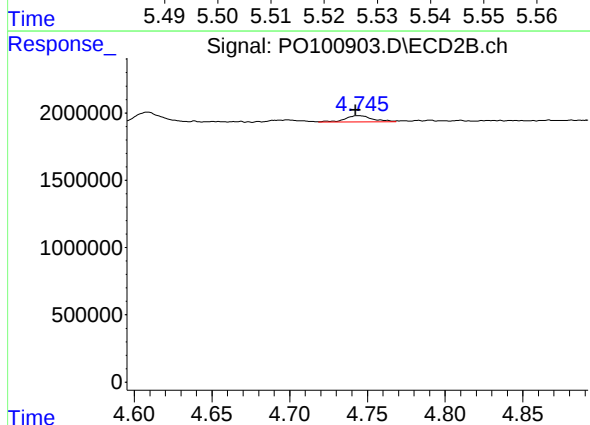
R.T.: 5.545 min
Delta R.T.: -0.008 min
Response: 371474
Conc: 8.09 ng/ml



#21 AR-1248-1

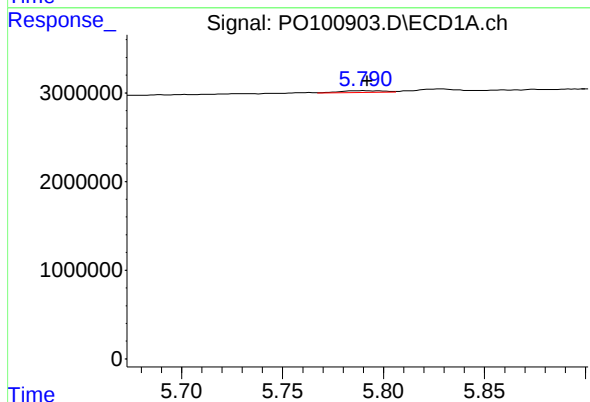
R.T.: 5.523 min
Delta R.T.: 0.006 min
Response: 58313
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



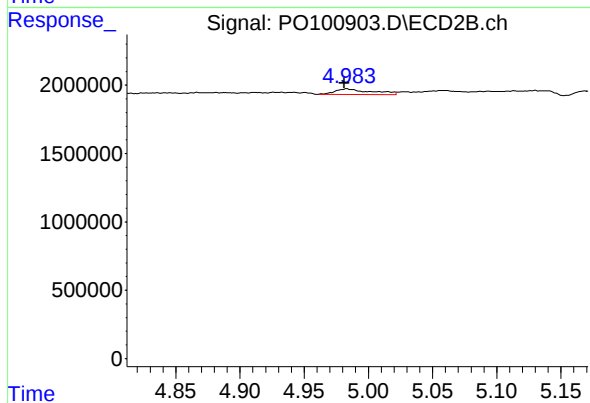
#21 AR-1248-1

R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 553139
Conc: 13.83 ng/ml



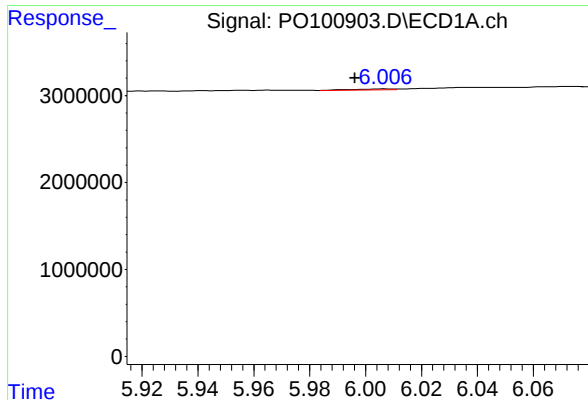
#22 AR-1248-2

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 290287
Conc: 3.36 ng/ml



#22 AR-1248-2

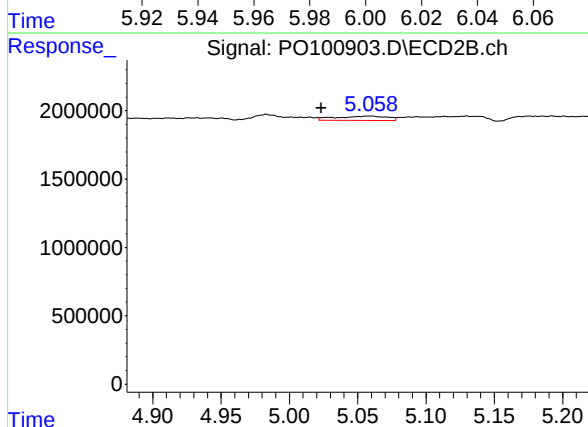
R.T.: 4.983 min
Delta R.T.: 0.002 min
Response: 789971
Conc: 13.13 ng/ml



#23 AR-1248-3

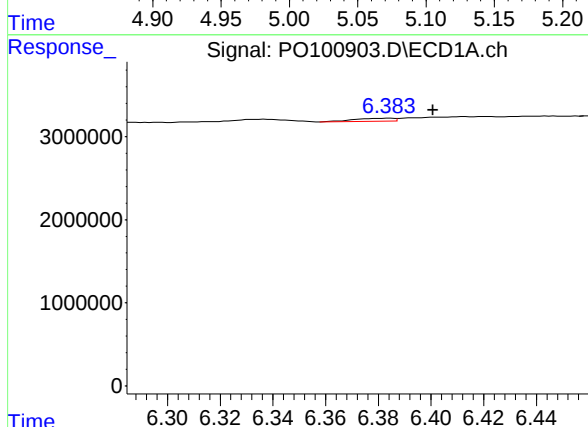
R.T.: 6.007 min
Delta R.T.: 0.011 min
Response: 100087
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



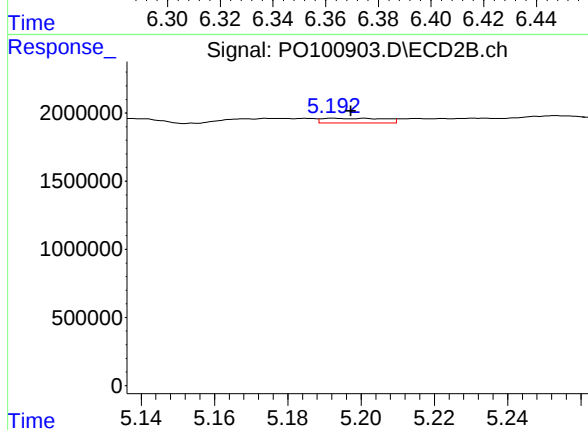
#23 AR-1248-3

R.T.: 5.059 min
Delta R.T.: 0.035 min
Response: 828525
Conc: 13.25 ng/ml



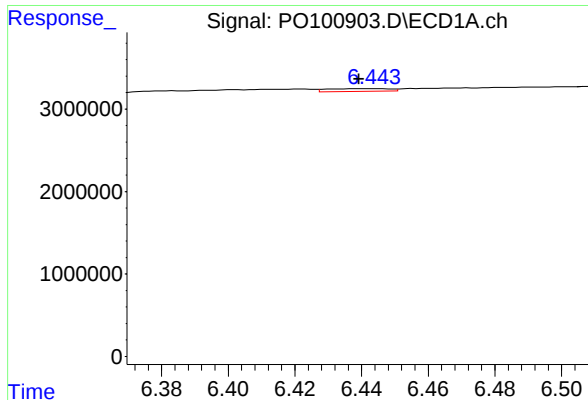
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: -0.017 min
Response: 367355
Conc: 4.09 ng/ml



#24 AR-1248-4

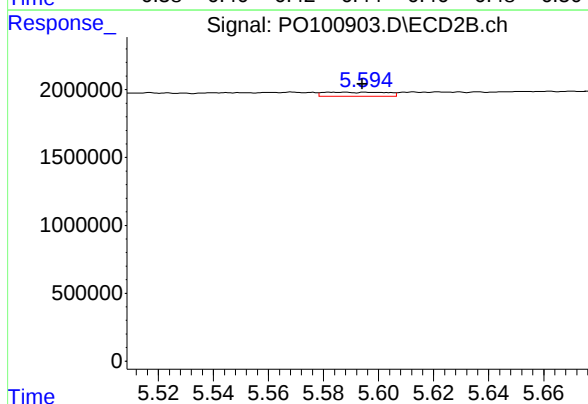
R.T.: 5.192 min
Delta R.T.: -0.005 min
Response: 397967
Conc: 5.52 ng/ml



#25 AR-1248-5

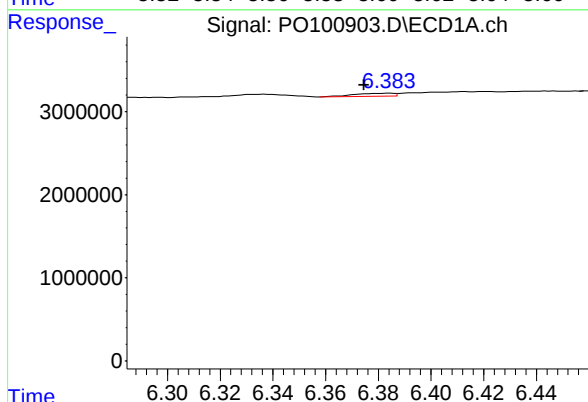
R.T.: 6.444 min
Delta R.T.: 0.005 min
Response: 449909
Conc: 5.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



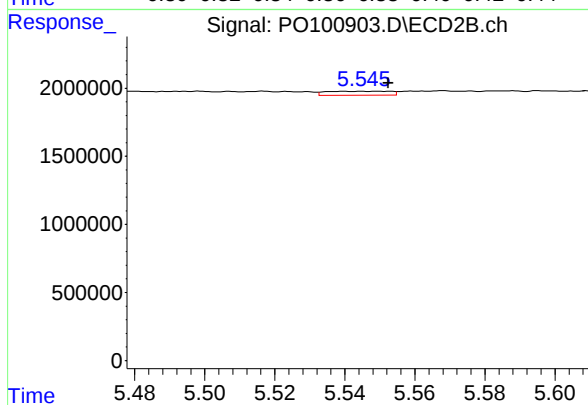
#25 AR-1248-5

R.T.: 5.588 min
Delta R.T.: -0.007 min
Response: 479957
Conc: 7.78 ng/ml



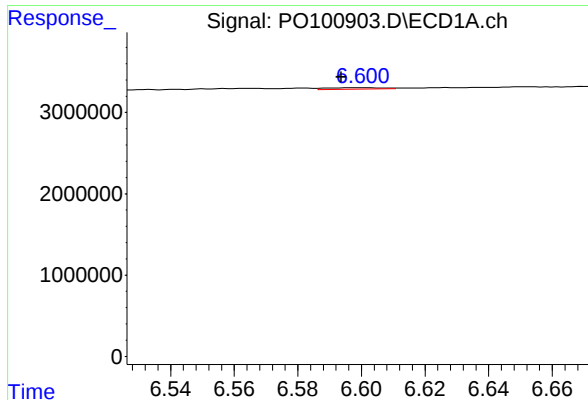
#26 AR-1254-1

R.T.: 6.384 min
Delta R.T.: 0.009 min
Response: 367355
Conc: 3.49 ng/ml



#26 AR-1254-1

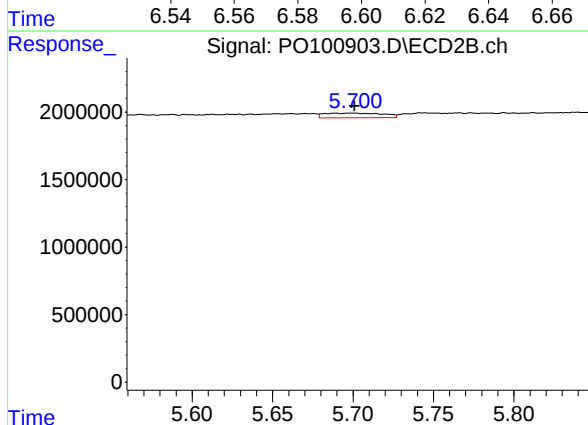
R.T.: 5.545 min
Delta R.T.: -0.007 min
Response: 371474
Conc: 3.62 ng/ml



#27 AR-1254-2

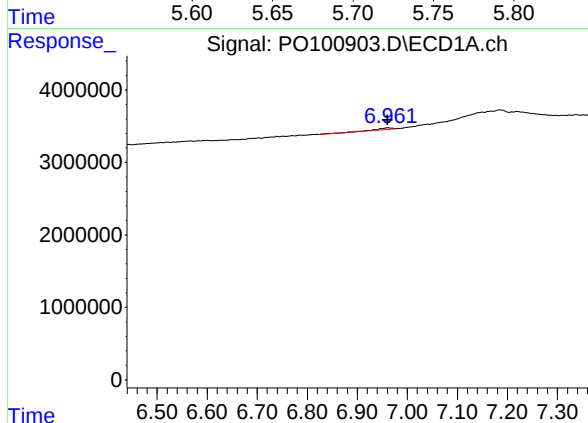
R.T.: 6.601 min
Delta R.T.: 0.007 min
Response: 224997
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



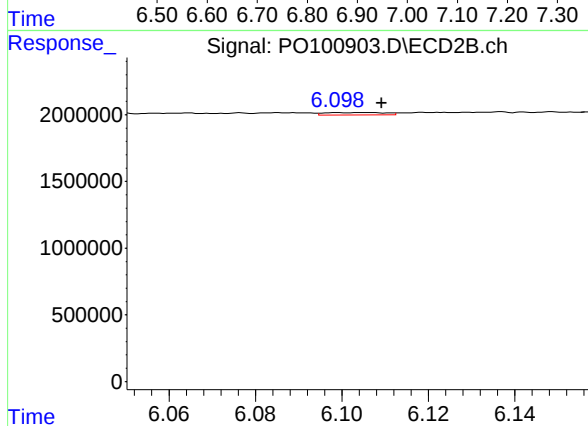
#27 AR-1254-2

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 871286
Conc: 9.48 ng/ml



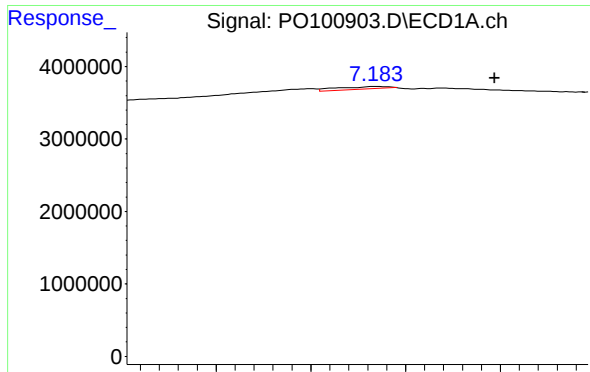
#28 AR-1254-3

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 516170
Conc: 3.69 ng/ml



#28 AR-1254-3

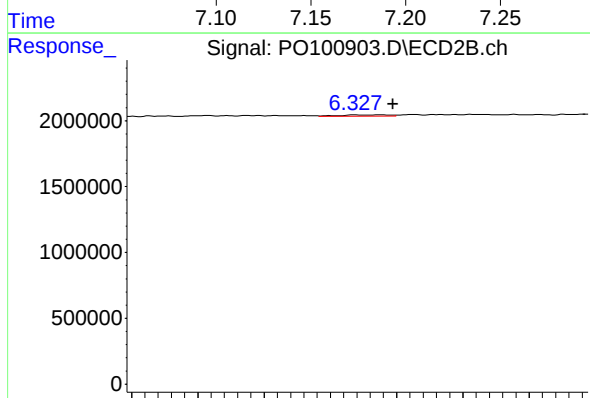
R.T.: 6.099 min
Delta R.T.: -0.010 min
Response: 170371
Conc: 1.26 ng/ml



#29 AR-1254-4

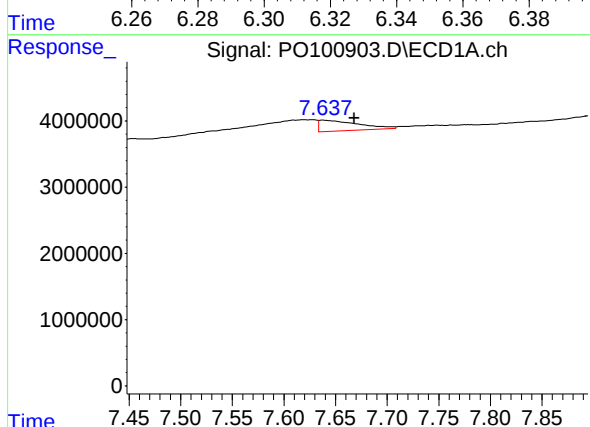
R.T.: 7.184 min
Delta R.T.: -0.063 min
Response: 804796
Conc: 9.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



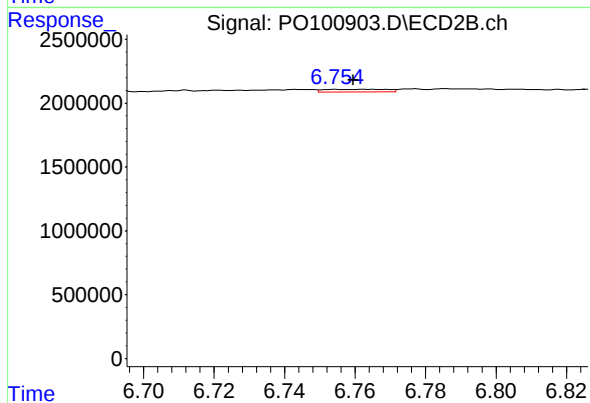
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 101976
Conc: 1.41 ng/ml



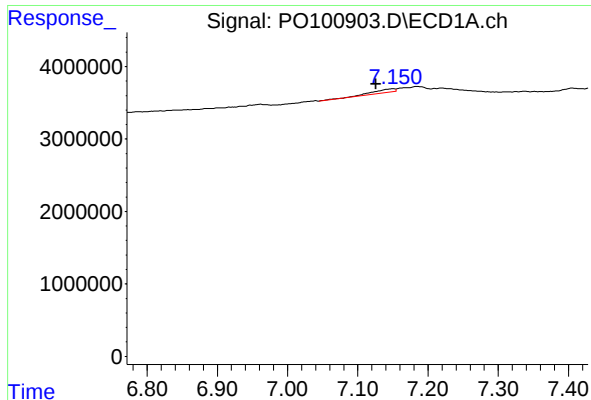
#30 AR-1254-5

R.T.: 7.637 min
Delta R.T.: -0.031 min
Response: 4282360
Conc: 36.19 ng/ml



#30 AR-1254-5

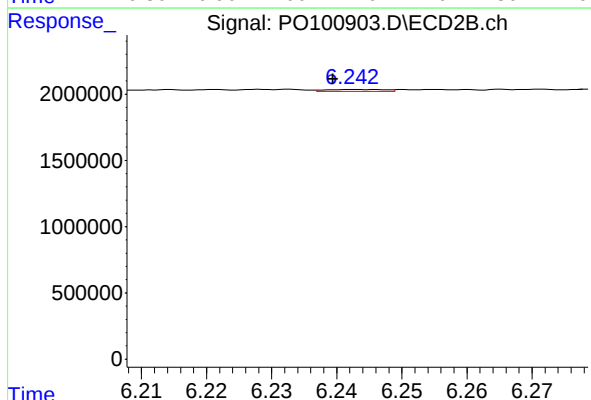
R.T.: 6.764 min
Delta R.T.: 0.004 min
Response: 251812
Conc: 2.19 ng/ml



#31 AR-1260-1

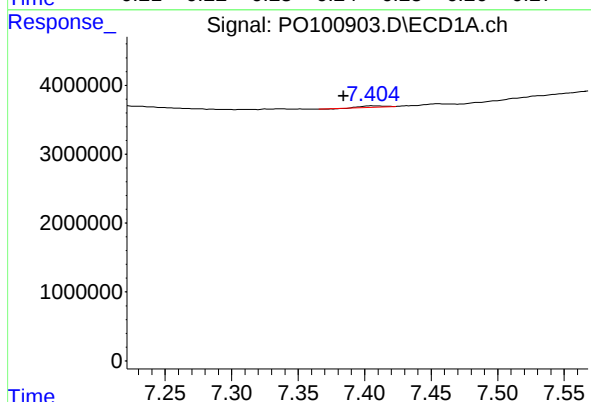
R.T.: 7.151 min
Delta R.T.: 0.025 min
Response: 1042290
Conc: 7.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



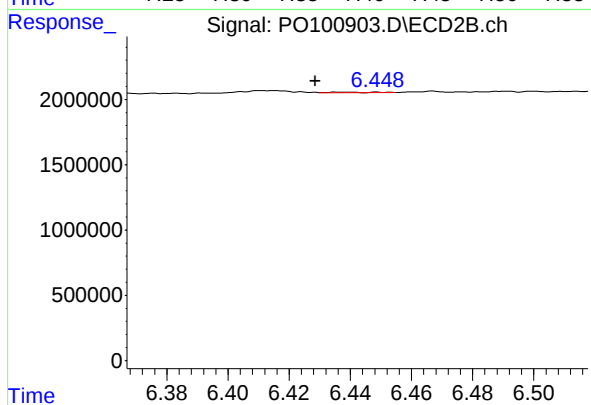
#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: 0.004 min
Response: 91021
Conc: 0.96 ng/ml



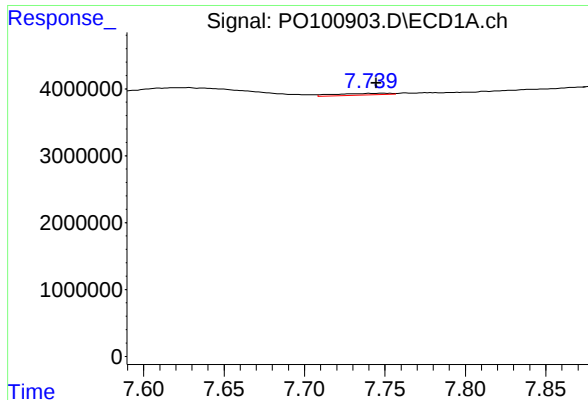
#32 AR-1260-2

R.T.: 7.405 min
Delta R.T.: 0.021 min
Response: 237204
Conc: 1.89 ng/ml



#32 AR-1260-2

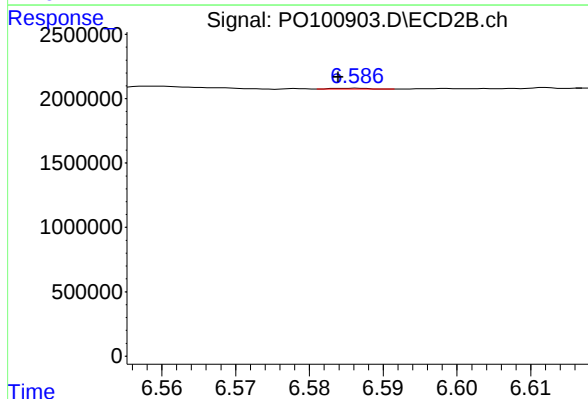
R.T.: 6.436 min
Delta R.T.: 0.008 min
Response: 43923
Conc: 0.41 ng/ml



#33 AR-1260-3

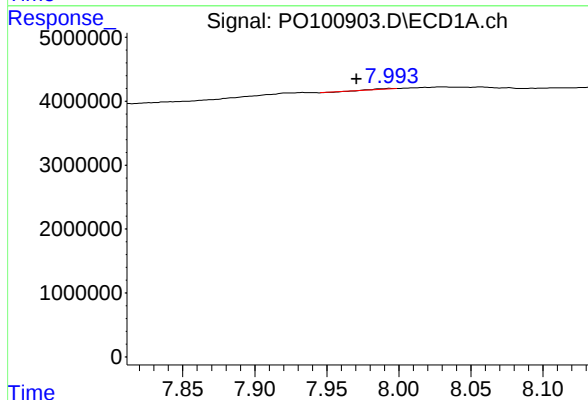
R.T.: 7.749 min
Delta R.T.: 0.005 min
Response: 641459
Conc: 6.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



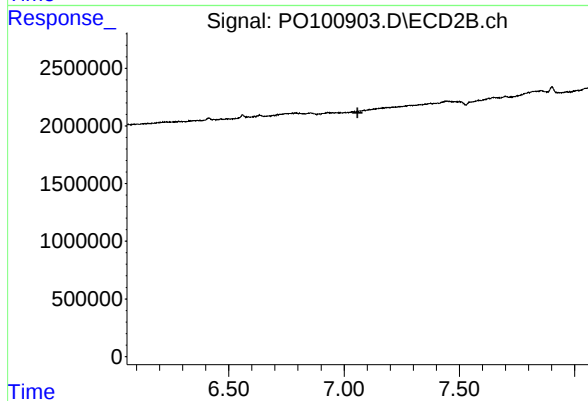
#33 AR-1260-3

R.T.: 6.586 min
Delta R.T.: 0.002 min
Response: 20148
Conc: 0.20 ng/ml



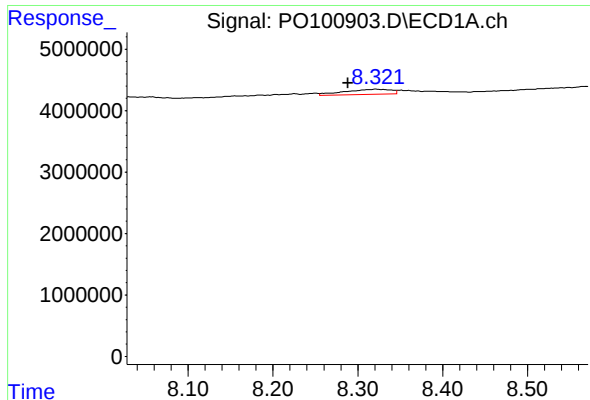
#34 AR-1260-4

R.T.: 7.994 min
Delta R.T.: 0.023 min
Response: 76846
Conc: 0.73 ng/ml



#34 AR-1260-4

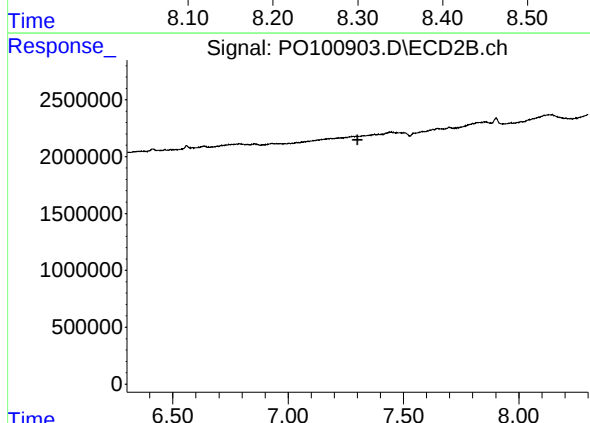
R.T.: 0.000 min
Exp R.T.: 7.058 min
Response: 0
Conc: N.D.



#35 AR-1260-5

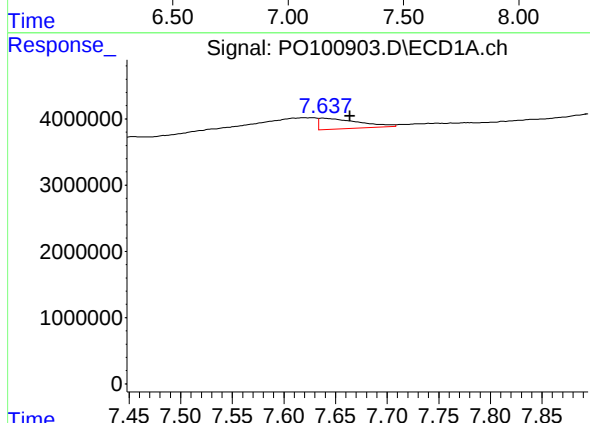
R.T.: 8.321 min
Delta R.T.: 0.033 min
Response: 3151644
Conc: 14.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



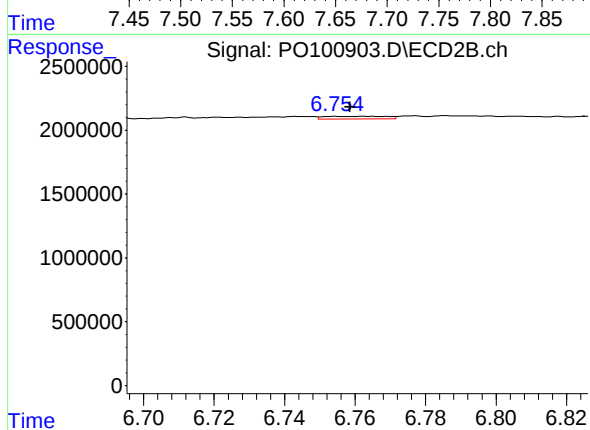
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.301 min
Response: 0
Conc: N.D.



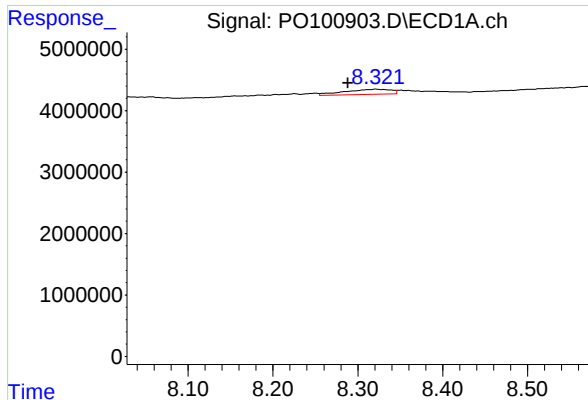
#36 AR-1262-1

R.T.: 7.637 min
Delta R.T.: -0.027 min
Response: 4282360
Conc: 42.87 ng/ml



#36 AR-1262-1

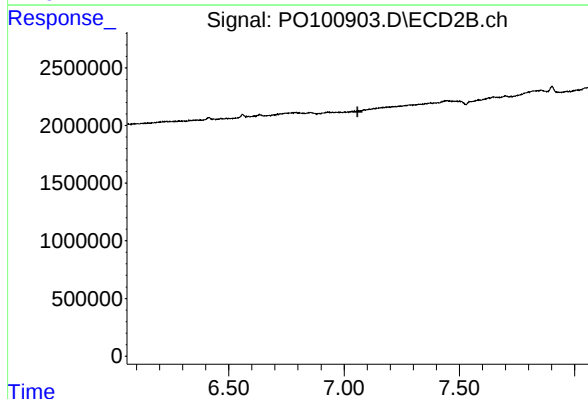
R.T.: 6.764 min
Delta R.T.: 0.005 min
Response: 251812
Conc: 4.04 ng/ml



#37 AR-1262-2

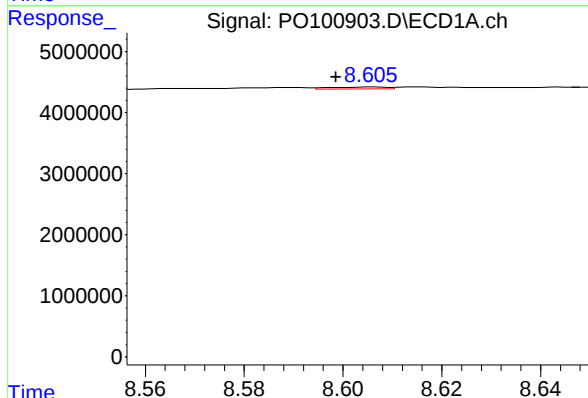
R.T.: 8.321 min
Delta R.T.: 0.033 min
Response: 3151644
Conc: 13.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



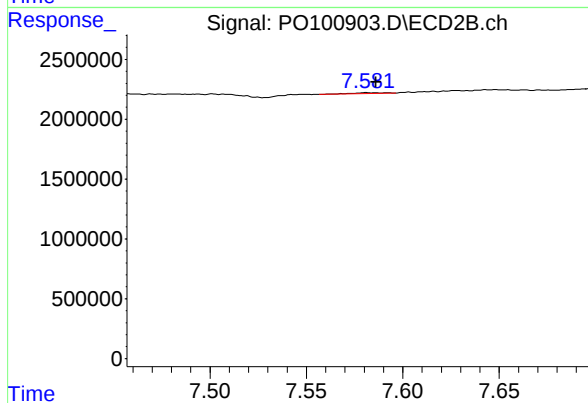
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 7.058 min
Response: 0
Conc: N.D.



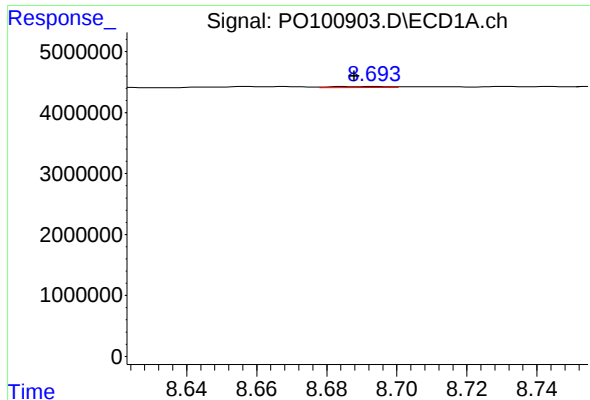
#38 AR-1262-3

R.T.: 8.606 min
Delta R.T.: 0.007 min
Response: 242063
Conc: 1.49 ng/ml



#38 AR-1262-3

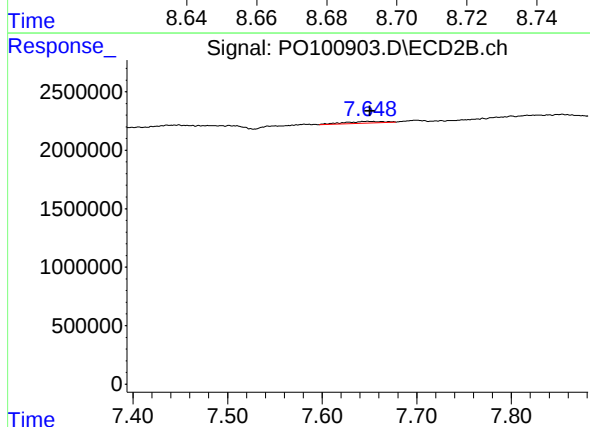
R.T.: 7.583 min
Delta R.T.: -0.003 min
Response: 83322
Conc: 1.08 ng/ml



#39 AR-1262-4

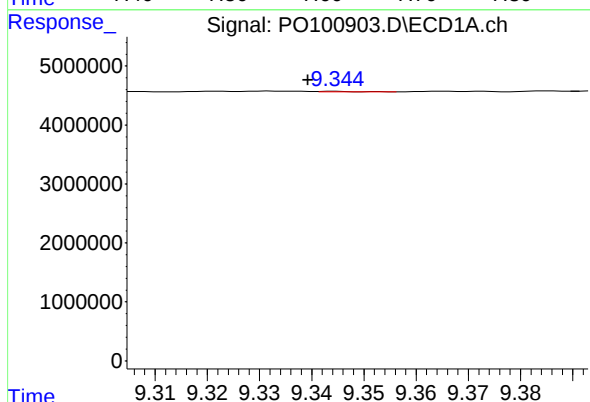
R.T.: 8.693 min
Delta R.T.: 0.005 min
Response: 214969
Conc: 1.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



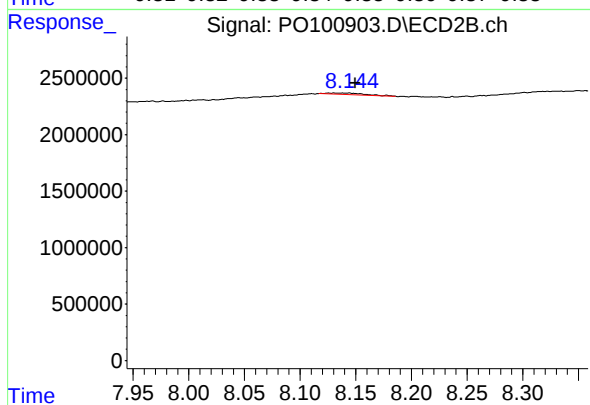
#39 AR-1262-4

R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 405816
Conc: 2.75 ng/ml



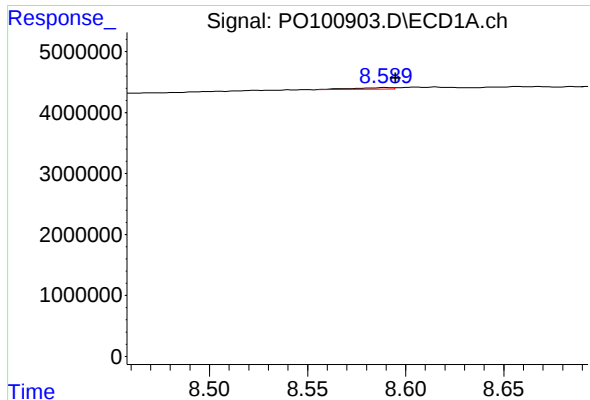
#40 AR-1262-5

R.T.: 9.345 min
Delta R.T.: 0.006 min
Response: 38702
Conc: 0.49 ng/ml



#40 AR-1262-5

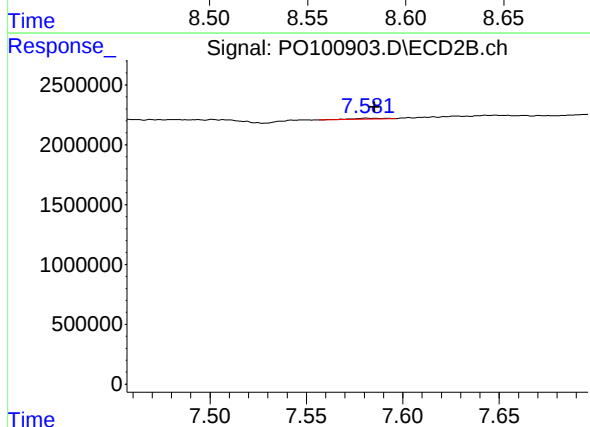
R.T.: 8.130 min
Delta R.T.: -0.019 min
Response: 295148
Conc: 4.62 ng/ml



#41 AR-1268-1

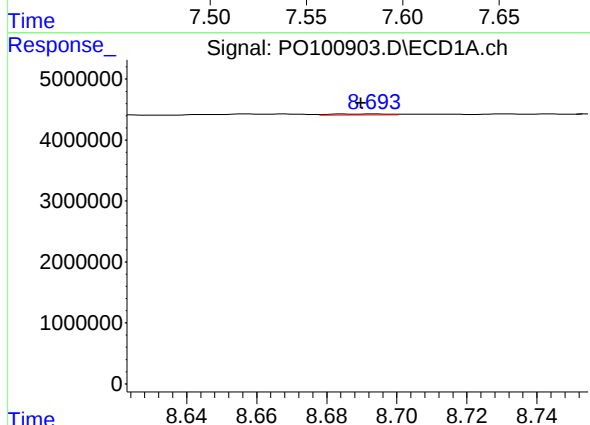
R.T.: 8.589 min
Delta R.T.: -0.005 min
Response: 364414
Conc: 1.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



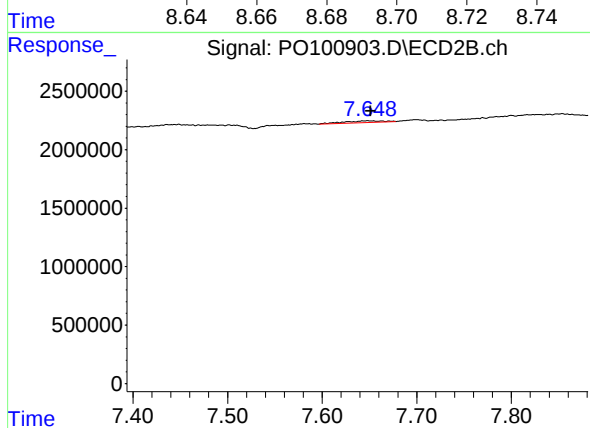
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: -0.003 min
Response: 83322
Conc: 0.38 ng/ml



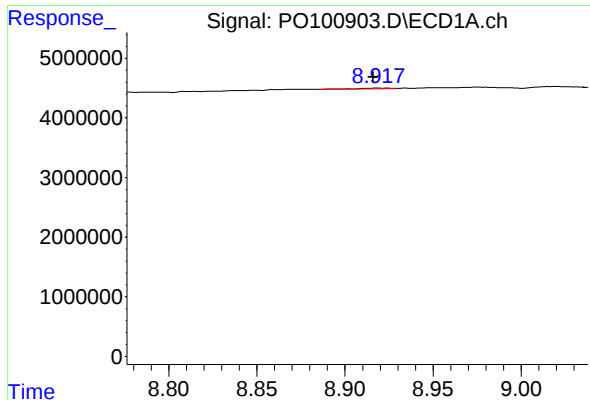
#42 AR-1268-2

R.T.: 8.693 min
Delta R.T.: 0.003 min
Response: 214969
Conc: 0.85 ng/ml



#42 AR-1268-2

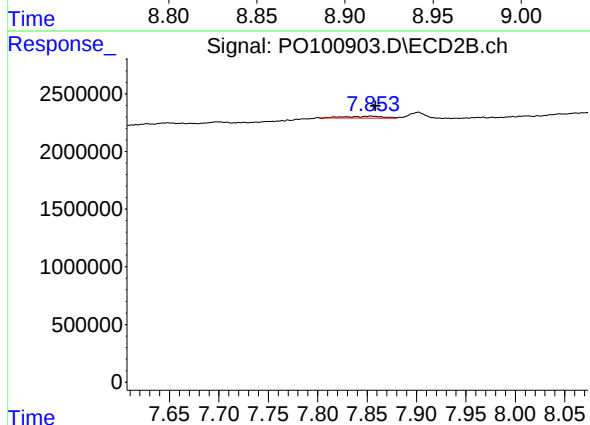
R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 405816
Conc: 2.01 ng/ml



#43 AR-1268-3

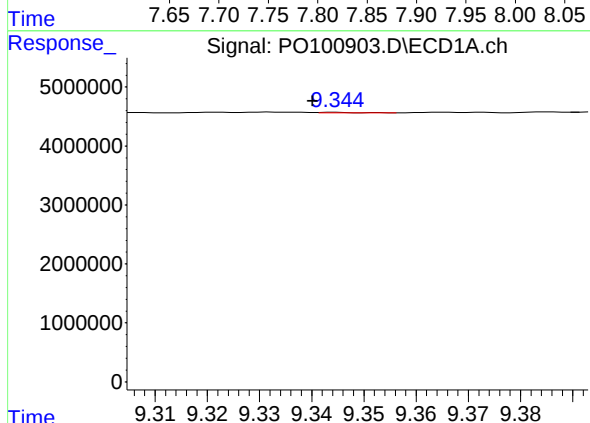
R.T.: 8.918 min
Delta R.T.: 0.002 min
Response: 136912
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



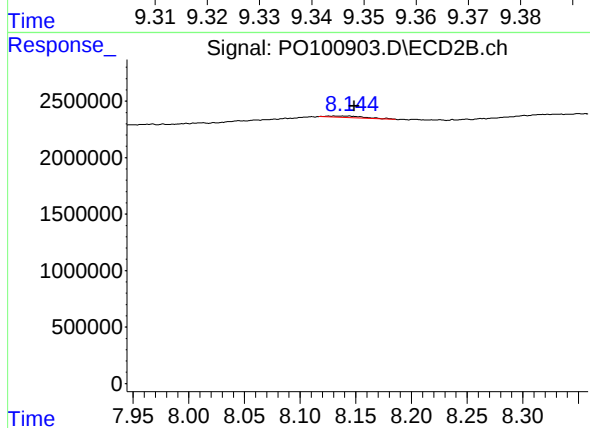
#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: -0.005 min
Response: 402861
Conc: 2.14 ng/ml



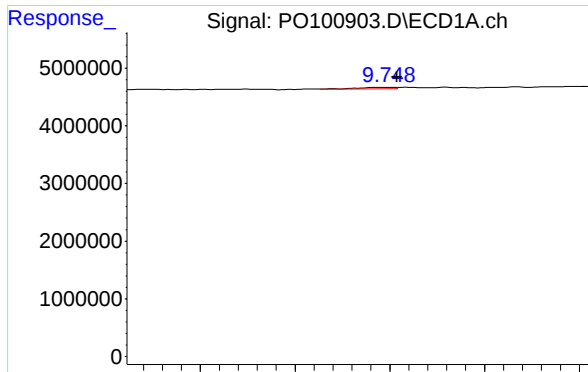
#44 AR-1268-4

R.T.: 9.345 min
Delta R.T.: 0.005 min
Response: 38702
Conc: 0.49 ng/ml



#44 AR-1268-4

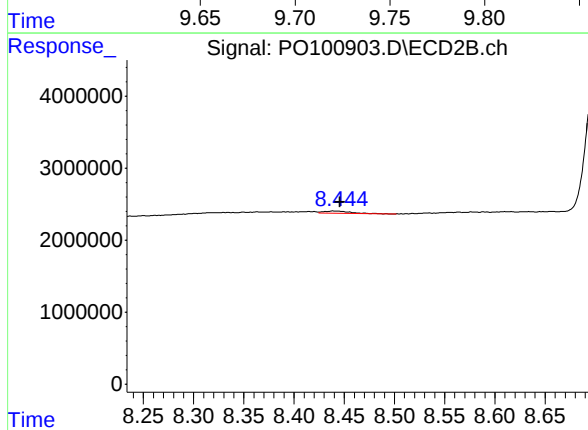
R.T.: 8.130 min
Delta R.T.: -0.018 min
Response: 295148
Conc: 4.40 ng/ml



#45 AR-1268-5

R.T.: 9.749 min
Delta R.T.: -0.005 min
Response: 411381
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.441 min
Delta R.T.: -0.005 min
Response: 521733
Conc: 1.01 ng/ml