

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010524\
 Data File : P0100928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2024 13:51
 Operator : YP/AJ
 Sample : P1027-02 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 23:27:51 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...	4.345	3.641	5638607	3588674	1.807	1.756
2) SA Decachlor...	10.084	8.699	4116310	3148458	1.970	2.086
Target Compounds						
3) L1 AR-1016-1	5.513	4.758	3667858	2308958	42.735	37.311
4) L1 AR-1016-2	5.542	4.758	4526373	2308958	35.458	26.187 #
5) L1 AR-1016-3	5.588	4.958	6166877	-613541	78.195	N.D. #
6) L1 AR-1016-4	5.683	4.974	6246653	1689174	102.509	41.161 #
7) L1 AR-1016-5	5.983	5.200	882865	7356648	14.422	141.619 #
8) L2 AR-1221-1	4.566	3.866	16578	413866	0.448	16.481 #
9) L2 AR-1221-2	4.661	3.960	1150367	198160	41.423	10.320 #
10) L2 AR-1221-3	4.728	4.035	1995768	706652	23.912	12.008 #
11) L3 AR-1232-1	4.728	4.035	1995768	706652	29.936	14.945 #
12) L3 AR-1232-2	5.256	4.758	554953	2308958	15.829	55.357 #
13) L3 AR-1232-3	5.542	4.958	4526373	-613541	75.862	N.D. #
14) L3 AR-1232-4	5.683	5.025	6246653	4628045	227.818	217.822
15) L3 AR-1232-5	5.791	5.200	11772618	7356648	489.649	336.634 #
16) L4 AR-1242-1	5.513	4.758	3667858	2308958	52.004	44.209
17) L4 AR-1242-2	5.542	4.758	4526373	2308958	43.124	31.859 #
18) L4 AR-1242-3	5.588	4.958	6166877	-613541	94.868	N.D. #
19) L4 AR-1242-4	5.683	5.025	6246653	4628045	124.740	111.033
20) L4 AR-1242-5	6.455	5.585	4797721	8151172	92.697	177.606 #
21) L5 AR-1248-1	5.513	4.758	3667858	2308958	66.858	57.740
22) L5 AR-1248-2	5.791	4.974	11772618	1689174	136.309	28.077 #
23) L5 AR-1248-3	5.983	5.025	882865	4628045	10.058	74.038 #
24) L5 AR-1248-4	6.423	5.200	20411073	7356648	227.025	102.132 #
25) L5 AR-1248-5	6.455	5.585	4797721	8151172	53.450	132.127 #
26) L6 AR-1254-1	6.333f	5.585	13808415	8151172	131.360	79.423 #
27) L6 AR-1254-2	6.571	5.682	7177348	2653960	48.607	28.888 #
28) L6 AR-1254-3	0.000	6.091	0	3332181	N.D.	24.639 #
29) L6 AR-1254-4	7.198f	6.354	2051202	1054377	24.128	14.617 #
30) L6 AR-1254-5	7.622f	6.787	18398977	3256708	155.493	28.264 #
31) L7 AR-1260-1	7.120	6.257	964886	1531929	7.043	16.083 #
32) L7 AR-1260-2	7.367	6.444	185173	475435	1.472	4.423 #
33) L7 AR-1260-3	7.804f	6.581	4800979	190849	49.564	1.862 #
34) L7 AR-1260-4	8.034f	7.047	339531	324285	3.218	3.978
35) L7 AR-1260-5	8.305	7.308	6010336	679973	28.473	3.768 #
36) L8 AR-1262-1	7.622f	6.787	18398977	3256708	184.174	52.209 #
37) L8 AR-1262-2	8.305	7.047	6010336	324285	25.327	2.870 #
38) L8 AR-1262-3	8.620	7.563	826783	26301	5.091	0.342 #
39) L8 AR-1262-4	8.705	7.654	838160	259530	6.501	1.757 #
40) L8 AR-1262-5	9.344	8.135	-1960	189598	N.D.	2.965 #
41) L9 AR-1268-1	8.620	7.563	826783	26301	2.926	0.119 #

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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Jan 05 23:27:51 2024
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 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

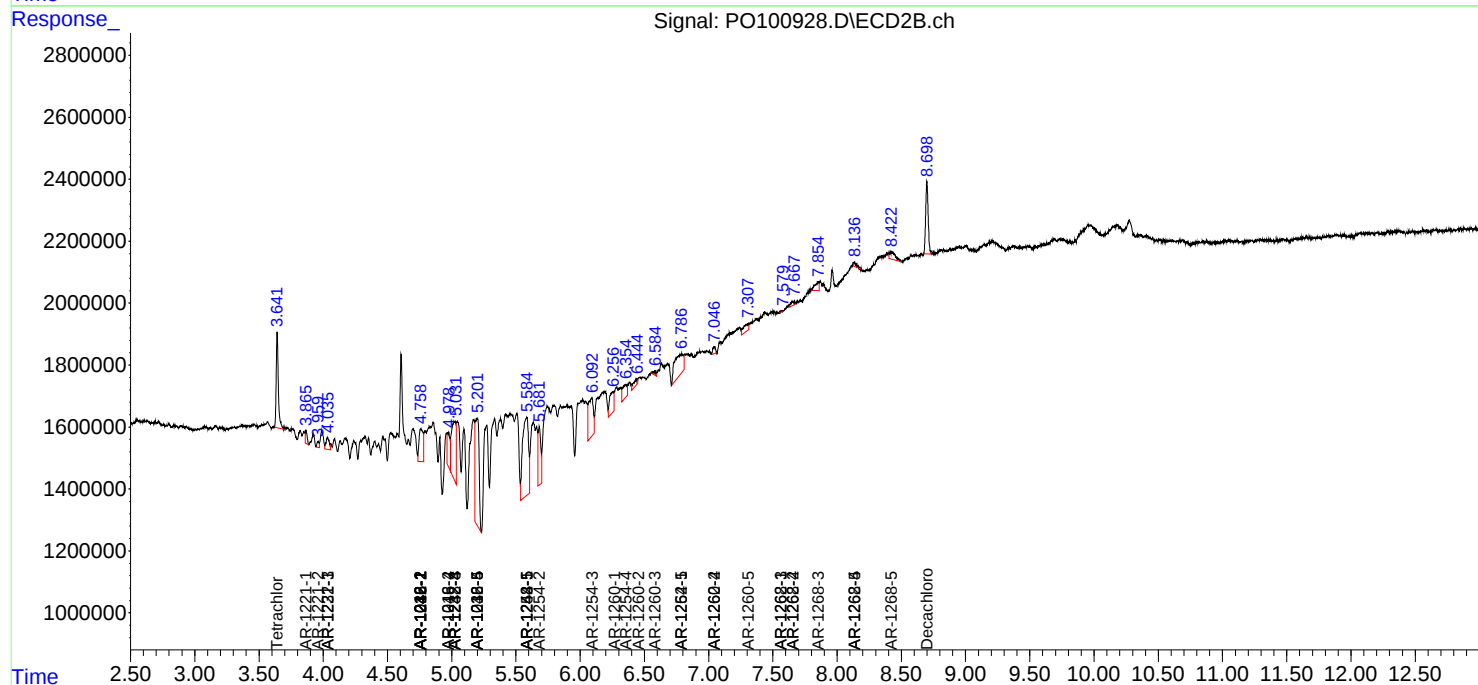
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

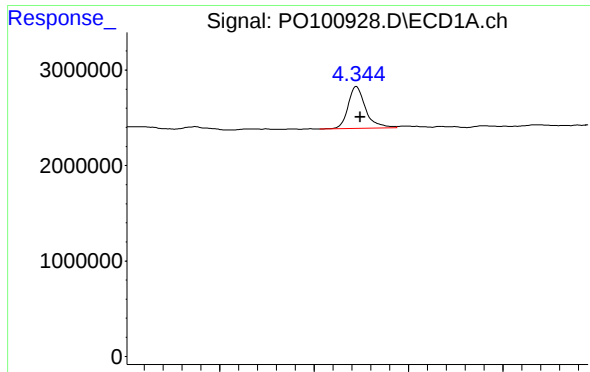
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.705	7.654	838160	259530	3.317	1.283 #
43) L9	AR-1268-3	8.908	7.853	62110	615468	0.272	3.262 #
44) L9	AR-1268-4	9.344	8.135	-1960	189598	N.D.	2.824 #
45) L9	AR-1268-5	9.773	8.415	126910	771747	0.177	1.487 #

(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

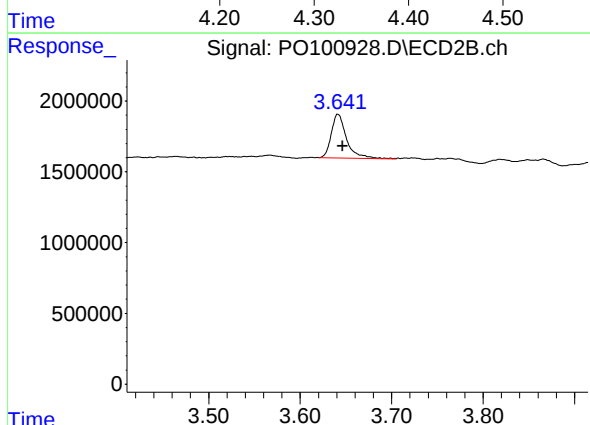




#1 Tetrachloro-m-xylene

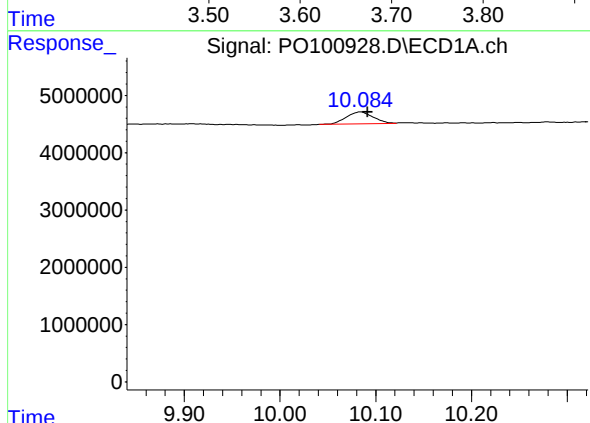
R.T.: 4.345 min
Delta R.T.: -0.004 min
Response: 5638607
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



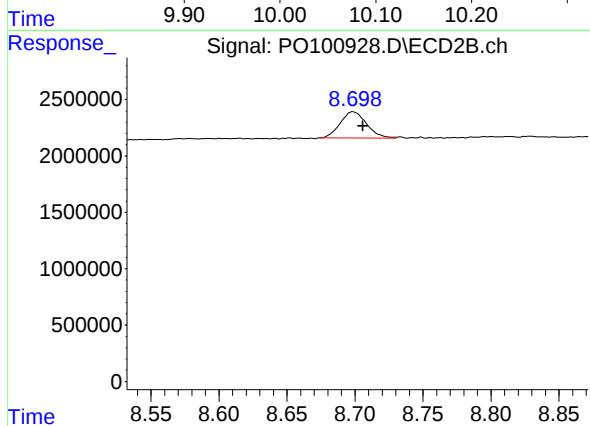
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: -0.005 min
Response: 3588674
Conc: 1.76 ng/ml



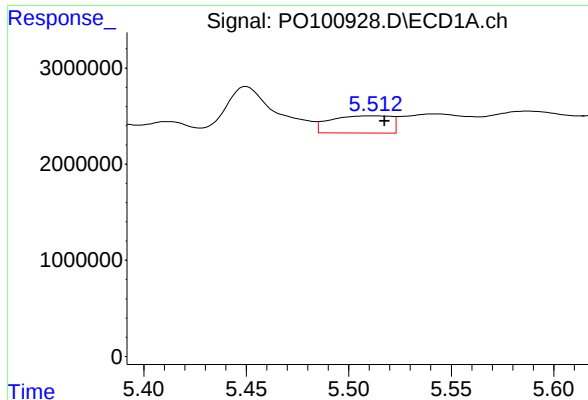
#2 Decachlorobiphenyl

R.T.: 10.084 min
Delta R.T.: -0.008 min
Response: 4116310
Conc: 1.97 ng/ml



#2 Decachlorobiphenyl

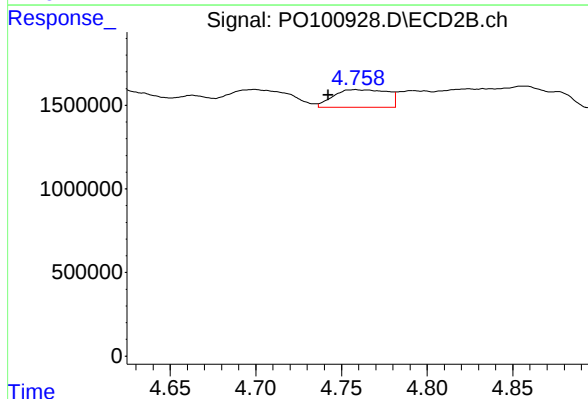
R.T.: 8.699 min
Delta R.T.: -0.007 min
Response: 3148458
Conc: 2.09 ng/ml



#3 AR-1016-1

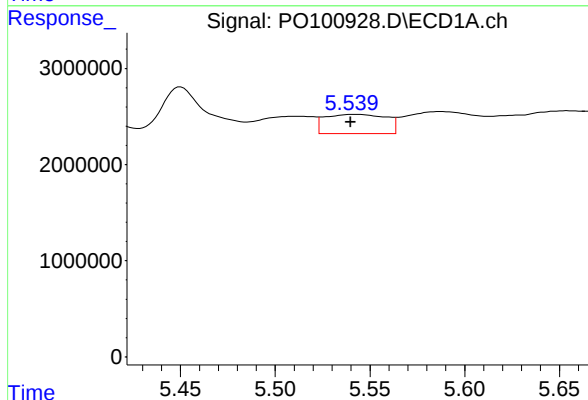
R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 3667858
Conc: 42.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



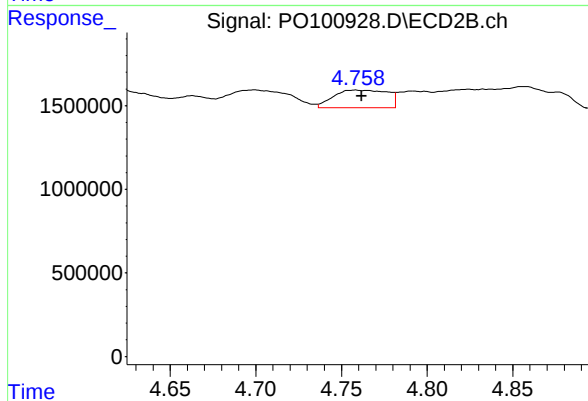
#3 AR-1016-1

R.T.: 4.758 min
Delta R.T.: 0.016 min
Response: 2308958
Conc: 37.31 ng/ml



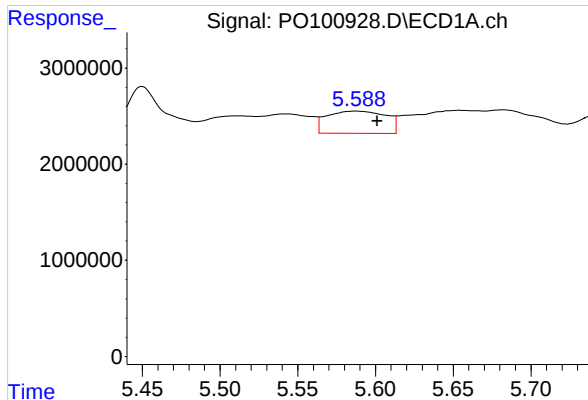
#4 AR-1016-2

R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 4526373
Conc: 35.46 ng/ml



#4 AR-1016-2

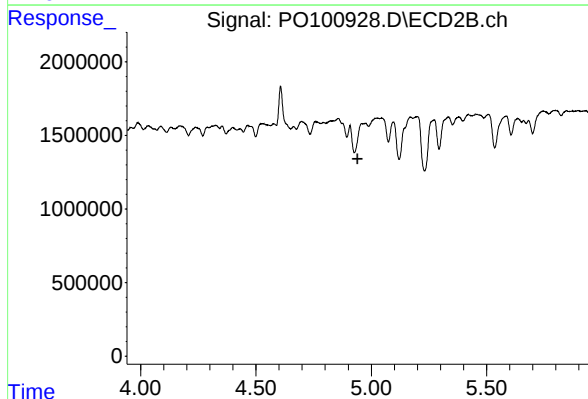
R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 2308958
Conc: 26.19 ng/ml



#5 AR-1016-3

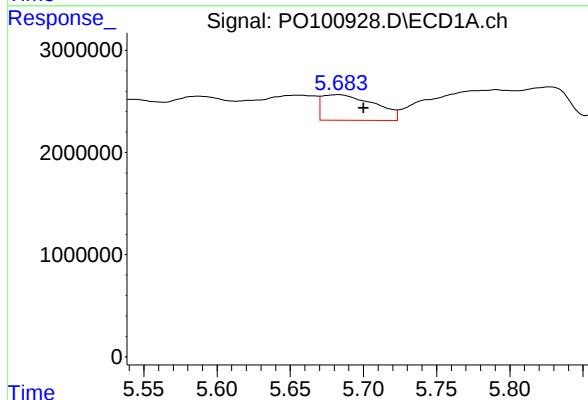
R.T.: 5.588 min
Delta R.T.: -0.013 min
Response: 6166877
Conc: 78.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



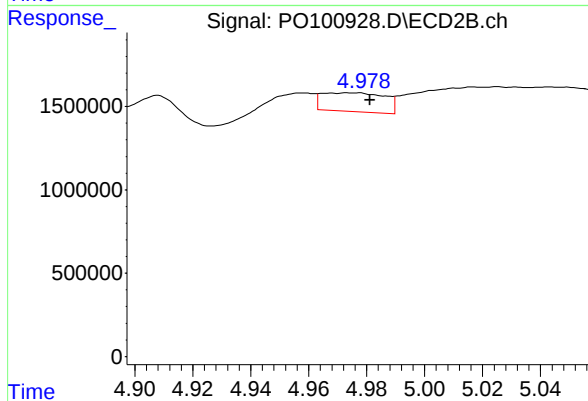
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: 0.018 min
Response: -613541
Conc: N.D.



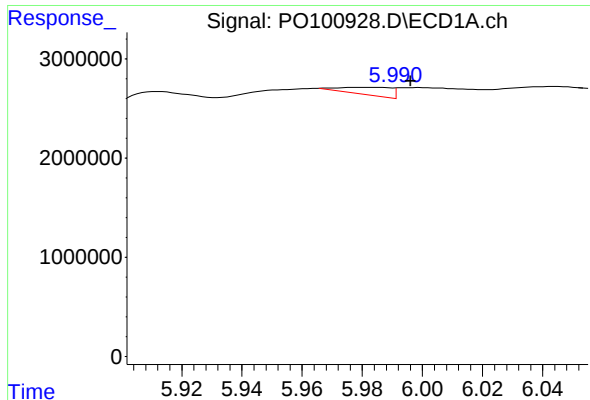
#6 AR-1016-4

R.T.: 5.683 min
Delta R.T.: -0.017 min
Response: 6246653
Conc: 102.51 ng/ml



#6 AR-1016-4

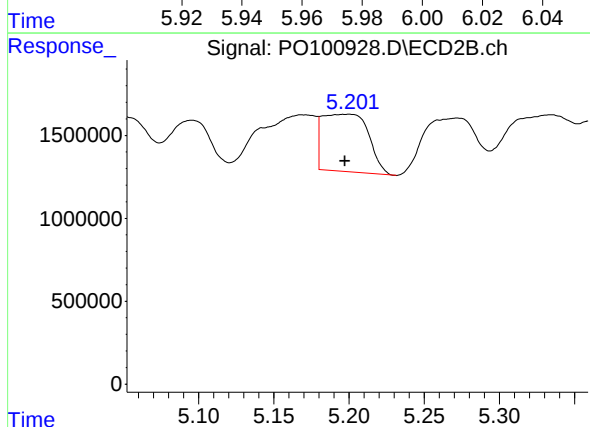
R.T.: 4.974 min
Delta R.T.: -0.007 min
Response: 1689174
Conc: 41.16 ng/ml



#7 AR-1016-5

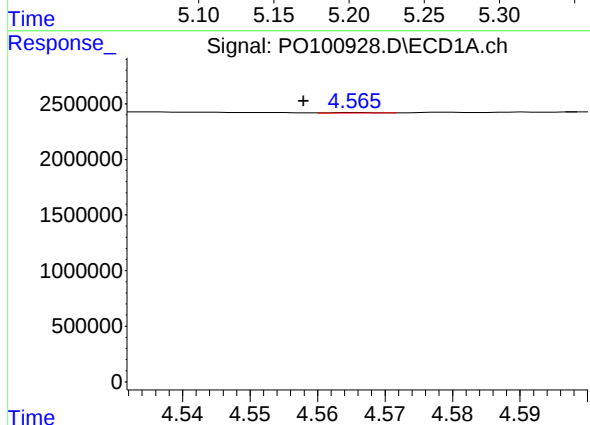
R.T.: 5.983 min
Delta R.T.: -0.013 min
Response: 882865
Conc: 14.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



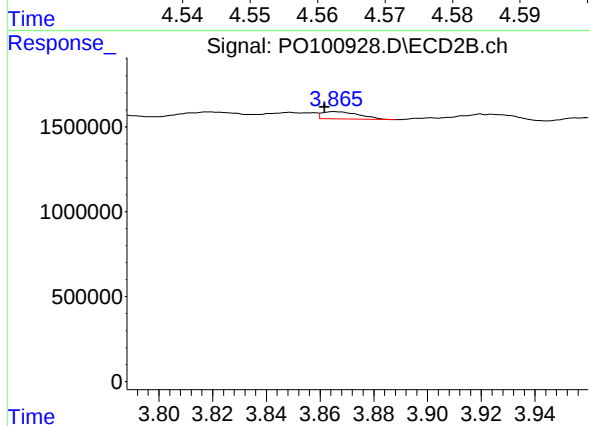
#7 AR-1016-5

R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 7356648
Conc: 141.62 ng/ml



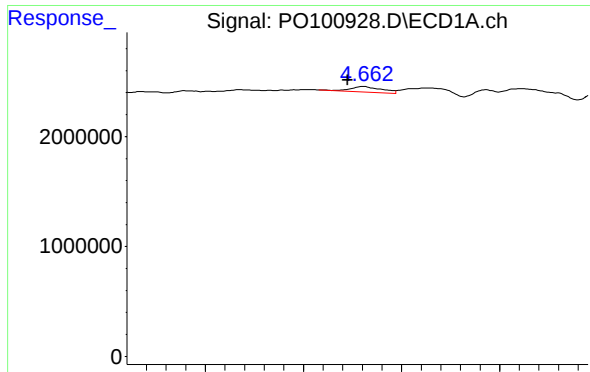
#8 AR-1221-1

R.T.: 4.566 min
Delta R.T.: 0.008 min
Response: 16578
Conc: 0.45 ng/ml



#8 AR-1221-1

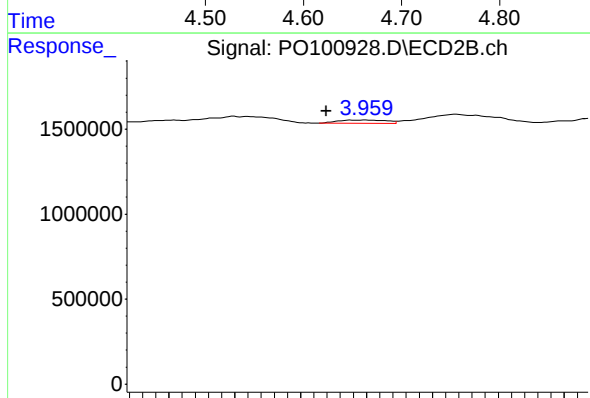
R.T.: 3.866 min
Delta R.T.: 0.004 min
Response: 413866
Conc: 16.48 ng/ml



#9 AR-1221-2

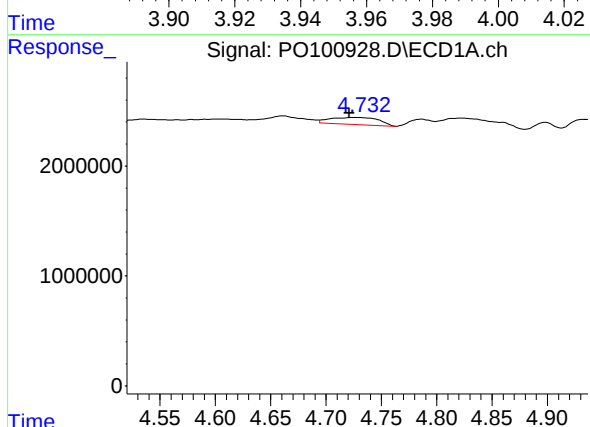
R.T.: 4.661 min
Delta R.T.: 0.016 min
Response: 1150367
Conc: 41.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



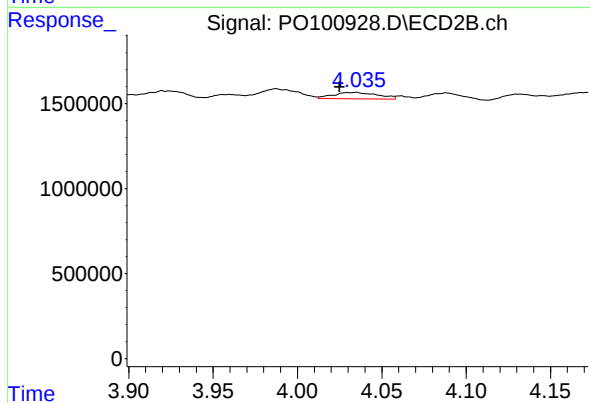
#9 AR-1221-2

R.T.: 3.960 min
Delta R.T.: 0.012 min
Response: 198160
Conc: 10.32 ng/ml



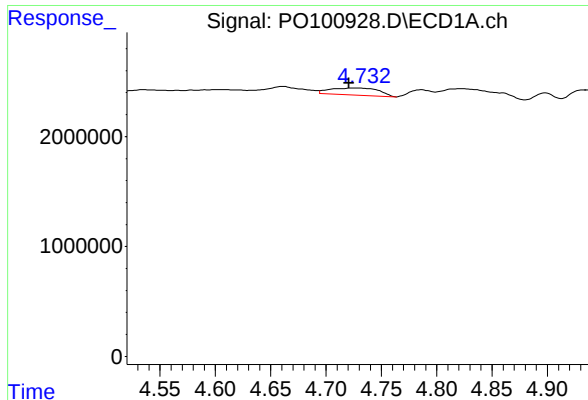
#10 AR-1221-3

R.T.: 4.728 min
Delta R.T.: 0.007 min
Response: 1995768
Conc: 23.91 ng/ml



#10 AR-1221-3

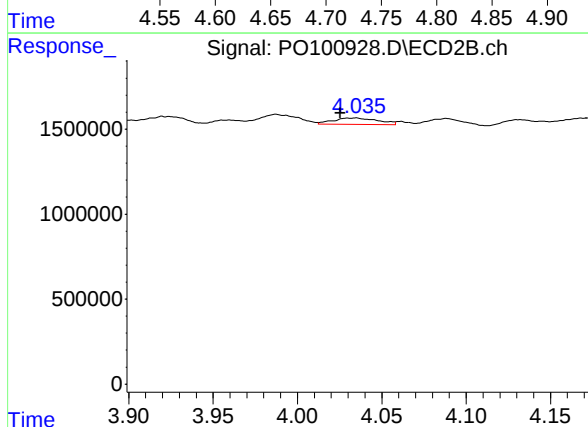
R.T.: 4.035 min
Delta R.T.: 0.010 min
Response: 706652
Conc: 12.01 ng/ml



#11 AR-1232-1

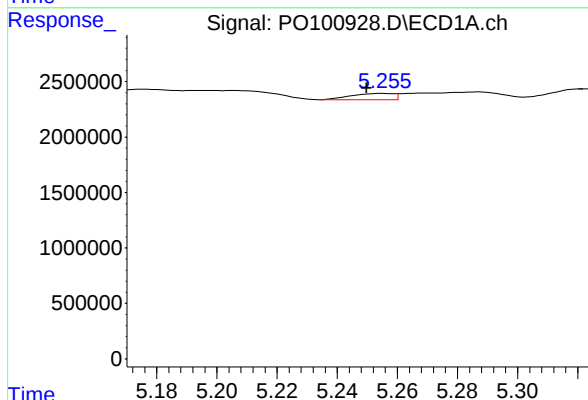
R.T.: 4.728 min
Delta R.T.: 0.008 min
Response: 1995768
Conc: 29.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



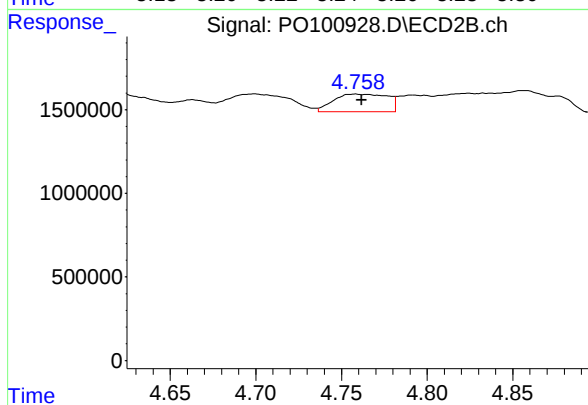
#11 AR-1232-1

R.T.: 4.035 min
Delta R.T.: 0.009 min
Response: 706652
Conc: 14.95 ng/ml



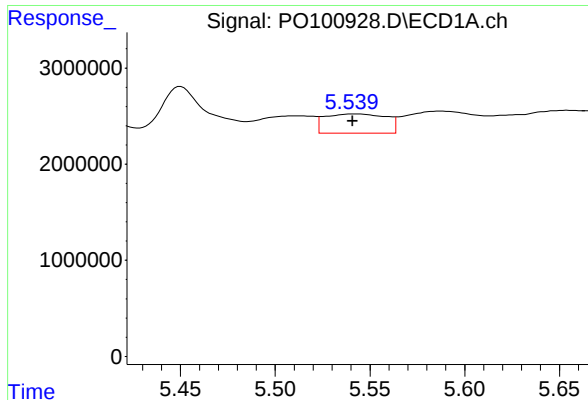
#12 AR-1232-2

R.T.: 5.256 min
Delta R.T.: 0.006 min
Response: 554953
Conc: 15.83 ng/ml



#12 AR-1232-2

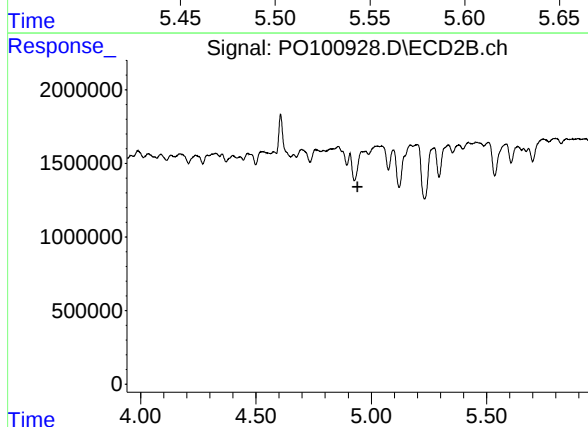
R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 2308958
Conc: 55.36 ng/ml



#13 AR-1232-3

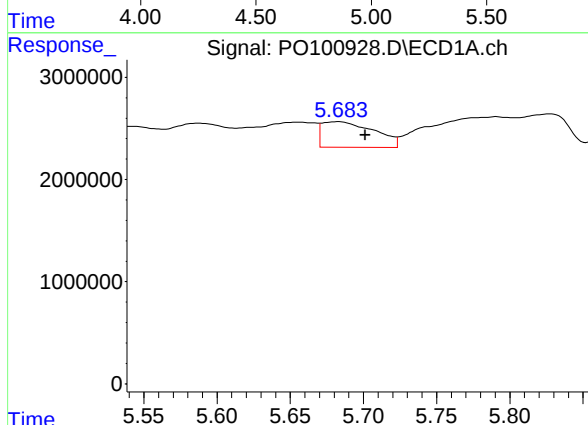
R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 4526373
Conc: 75.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



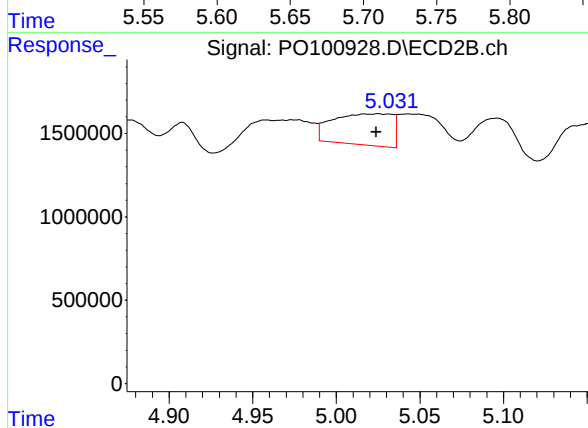
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: 0.018 min
Response: -613541
Conc: N.D.



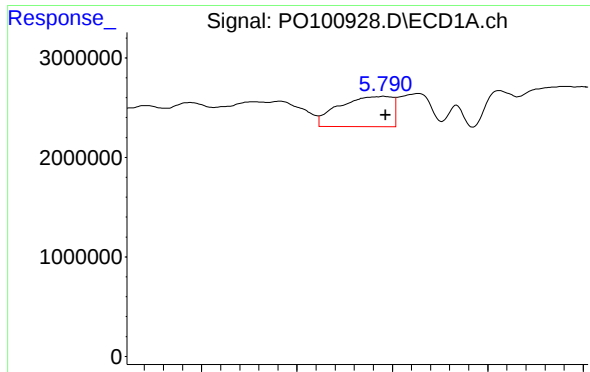
#14 AR-1232-4

R.T.: 5.683 min
Delta R.T.: -0.019 min
Response: 6246653
Conc: 227.82 ng/ml



#14 AR-1232-4

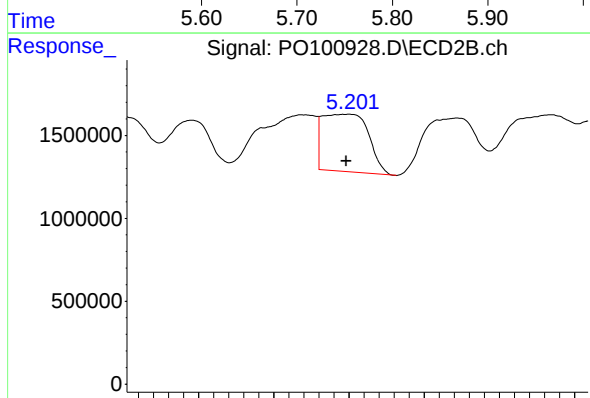
R.T.: 5.025 min
Delta R.T.: 0.001 min
Response: 4628045
Conc: 217.82 ng/ml



#15 AR-1232-5

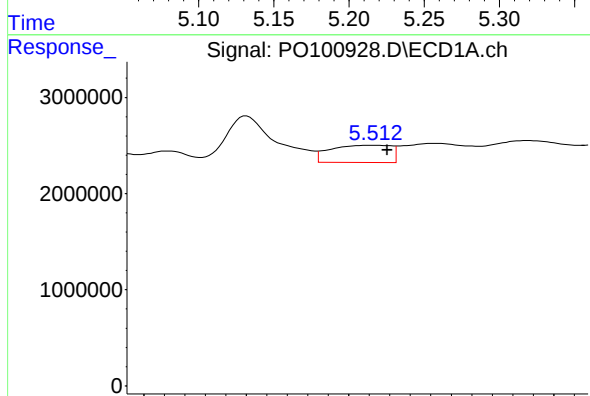
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 11772618
Conc: 489.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



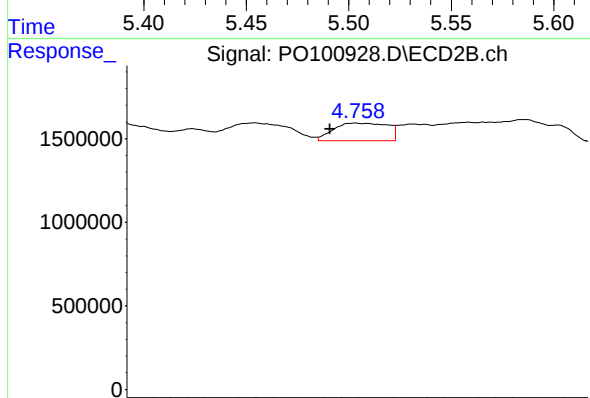
#15 AR-1232-5

R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 7356648
Conc: 336.63 ng/ml



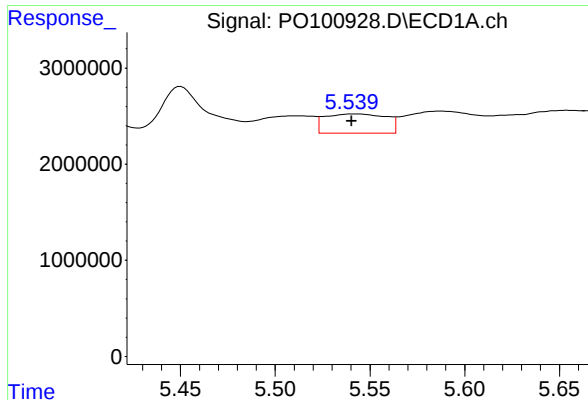
#16 AR-1242-1

R.T.: 5.513 min
Delta R.T.: -0.006 min
Response: 3667858
Conc: 52.00 ng/ml



#16 AR-1242-1

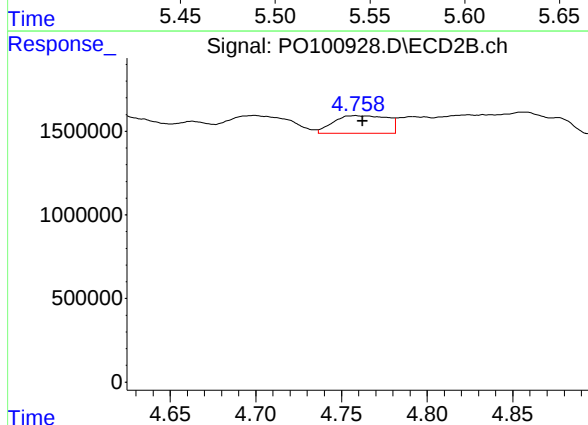
R.T.: 4.758 min
Delta R.T.: 0.015 min
Response: 2308958
Conc: 44.21 ng/ml



#17 AR-1242-2

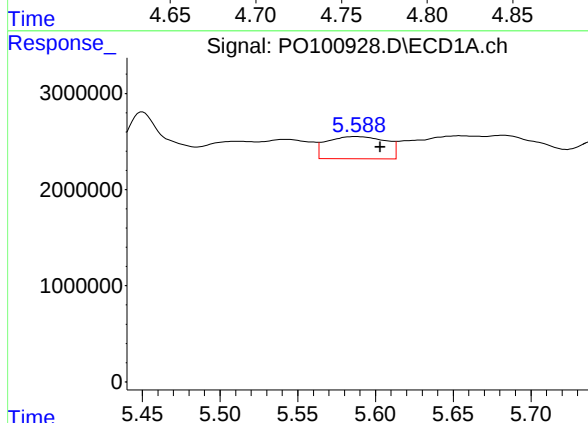
R.T.: 5.542 min
Delta R.T.: 0.001 min
Response: 4526373
Conc: 43.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



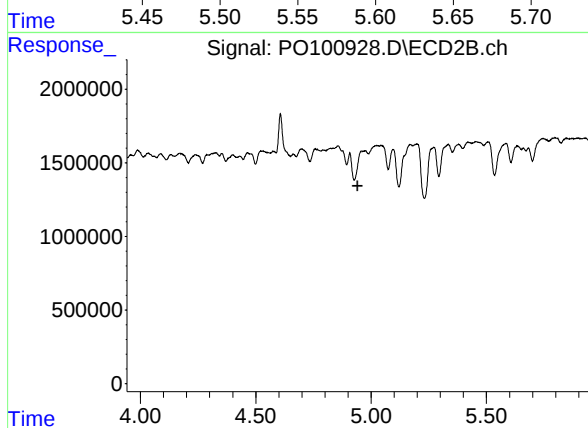
#17 AR-1242-2

R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 2308958
Conc: 31.86 ng/ml



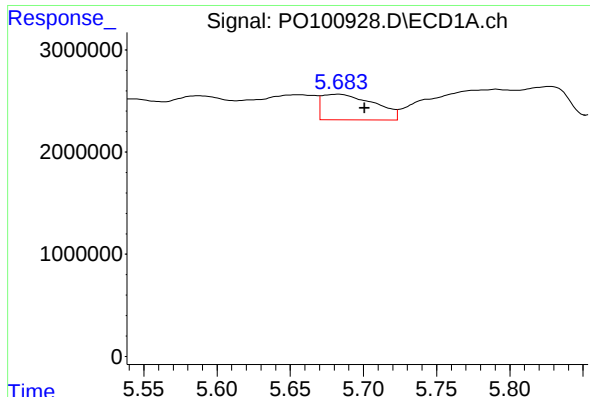
#18 AR-1242-3

R.T.: 5.588 min
Delta R.T.: -0.015 min
Response: 6166877
Conc: 94.87 ng/ml



#18 AR-1242-3

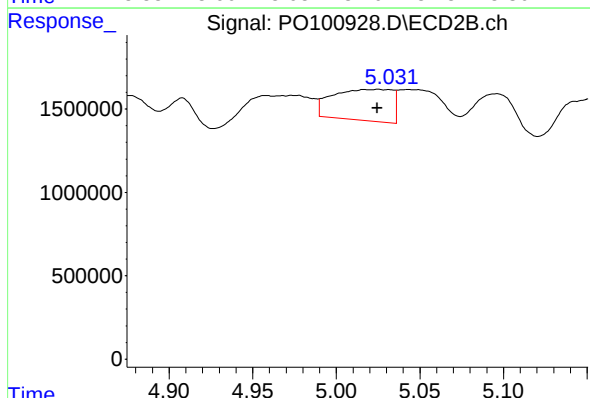
R.T.: 4.958 min
Delta R.T.: 0.017 min
Response: -613541
Conc: N.D.



#19 AR-1242-4

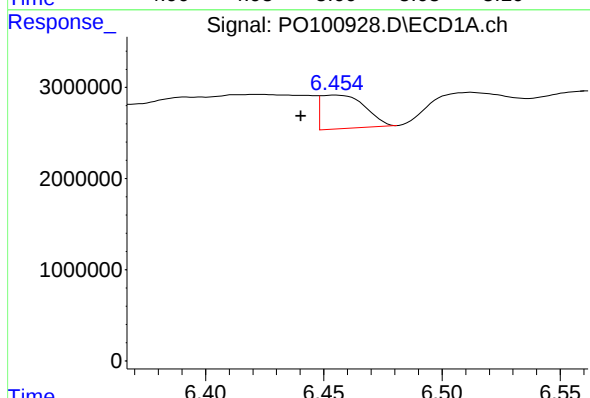
R.T.: 5.683 min
Delta R.T.: -0.018 min
Response: 6246653
Conc: 124.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



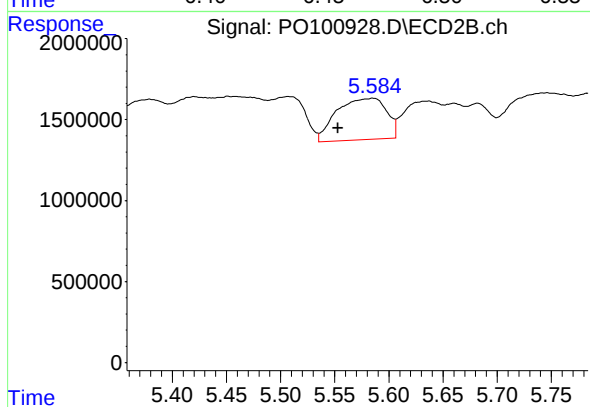
#19 AR-1242-4

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 4628045
Conc: 111.03 ng/ml



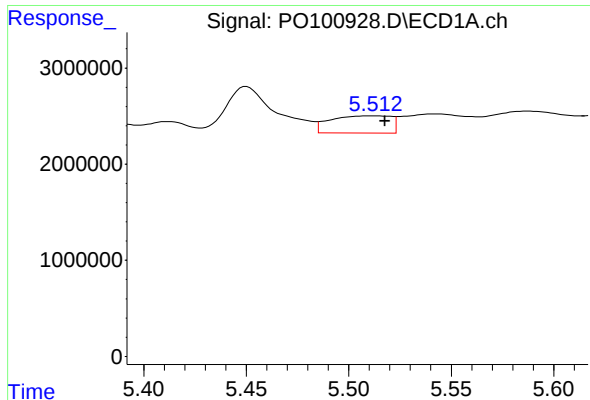
#20 AR-1242-5

R.T.: 6.455 min
Delta R.T.: 0.015 min
Response: 4797721
Conc: 92.70 ng/ml



#20 AR-1242-5

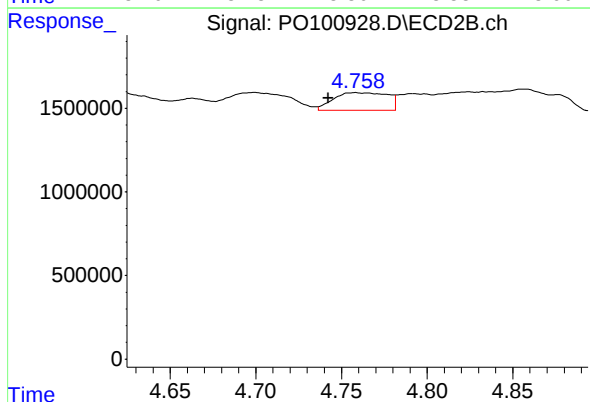
R.T.: 5.585 min
Delta R.T.: 0.032 min
Response: 8151172
Conc: 177.61 ng/ml



#21 AR-1248-1

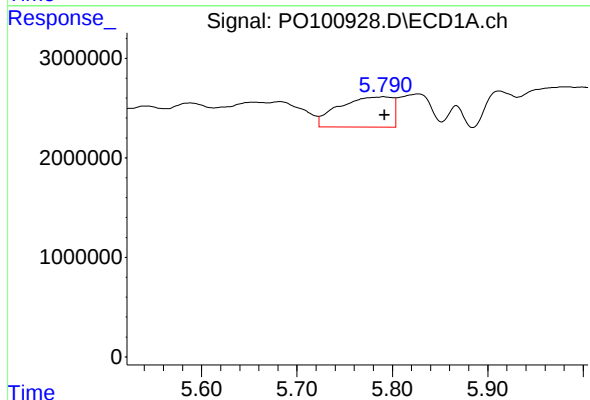
R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 3667858
Conc: 66.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



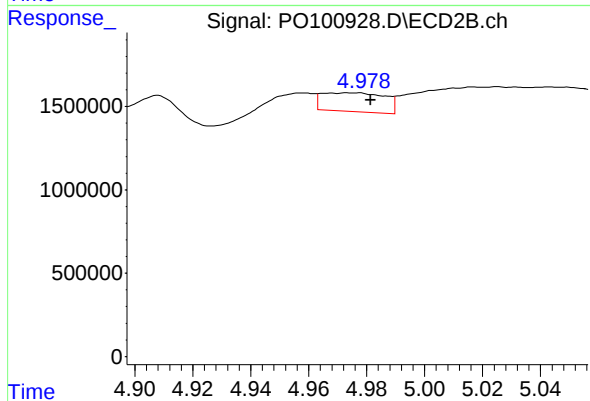
#21 AR-1248-1

R.T.: 4.758 min
Delta R.T.: 0.016 min
Response: 2308958
Conc: 57.74 ng/ml



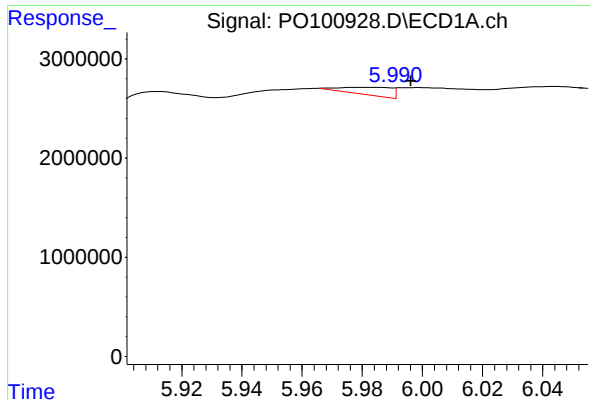
#22 AR-1248-2

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 11772618
Conc: 136.31 ng/ml



#22 AR-1248-2

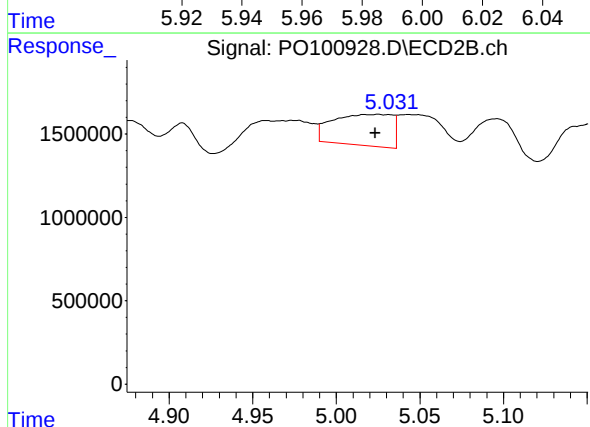
R.T.: 4.974 min
Delta R.T.: -0.008 min
Response: 1689174
Conc: 28.08 ng/ml



#23 AR-1248-3

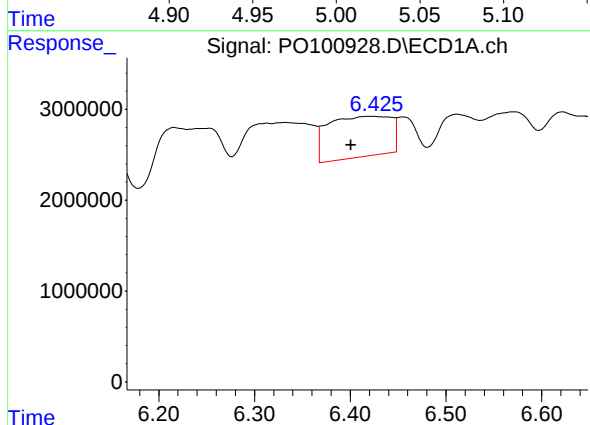
R.T.: 5.983 min
Delta R.T.: -0.013 min
Response: 882865
Conc: 10.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



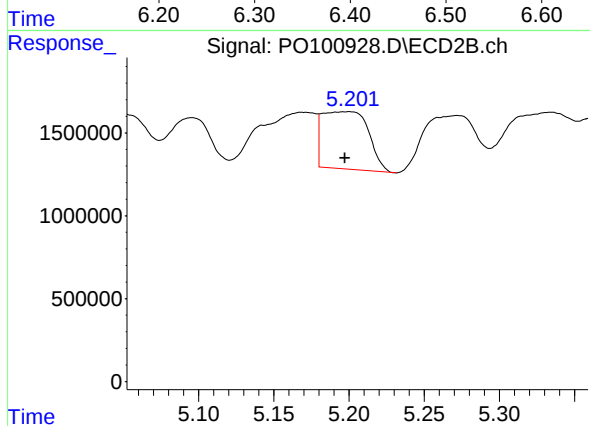
#23 AR-1248-3

R.T.: 5.025 min
Delta R.T.: 0.002 min
Response: 4628045
Conc: 74.04 ng/ml



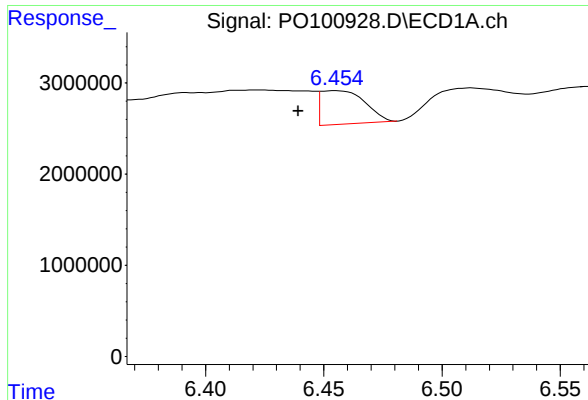
#24 AR-1248-4

R.T.: 6.423 min
Delta R.T.: 0.022 min
Response: 20411073
Conc: 227.02 ng/ml



#24 AR-1248-4

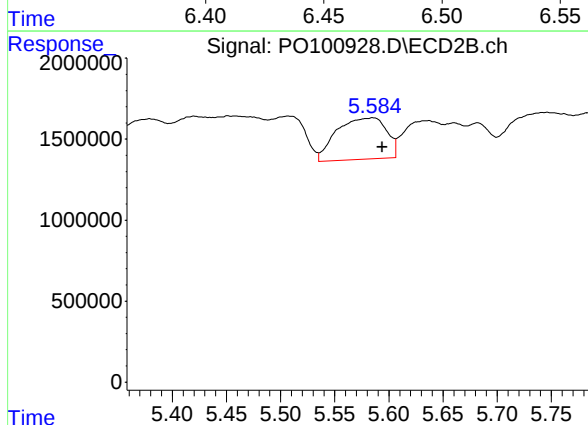
R.T.: 5.200 min
Delta R.T.: 0.003 min
Response: 7356648
Conc: 102.13 ng/ml



#25 AR-1248-5

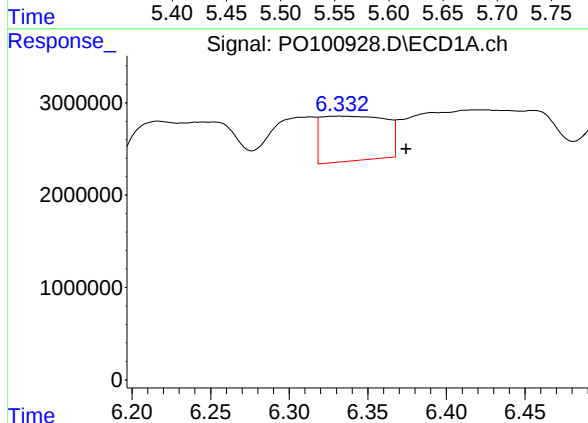
R.T.: 6.455 min
Delta R.T.: 0.016 min
Response: 4797721
Conc: 53.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



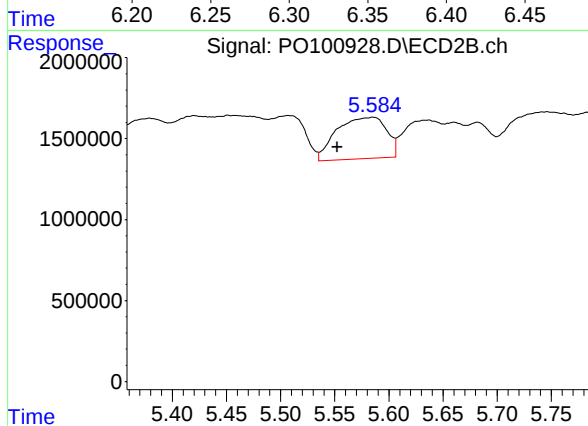
#25 AR-1248-5

R.T.: 5.585 min
Delta R.T.: -0.009 min
Response: 8151172
Conc: 132.13 ng/ml



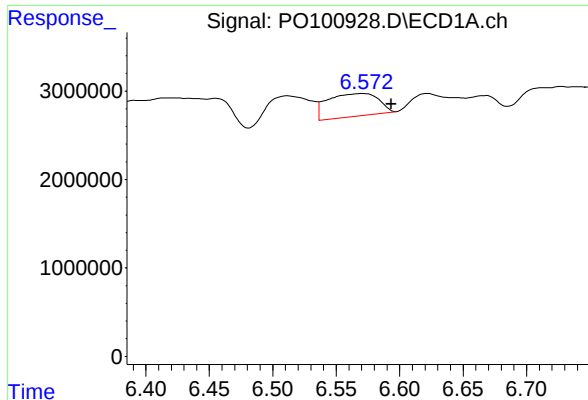
#26 AR-1254-1

R.T.: 6.333 min
Delta R.T.: -0.042 min
Response: 13808415
Conc: 131.36 ng/ml



#26 AR-1254-1

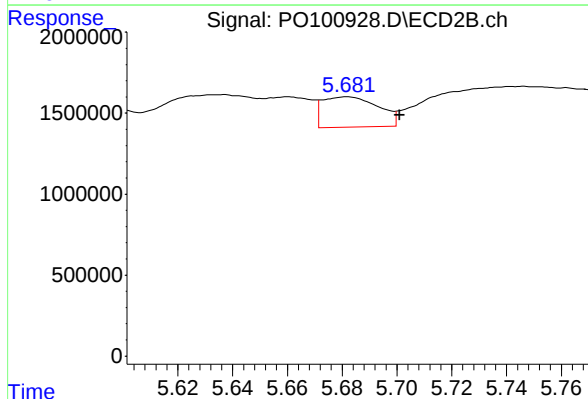
R.T.: 5.585 min
Delta R.T.: 0.033 min
Response: 8151172
Conc: 79.42 ng/ml



#27 AR-1254-2

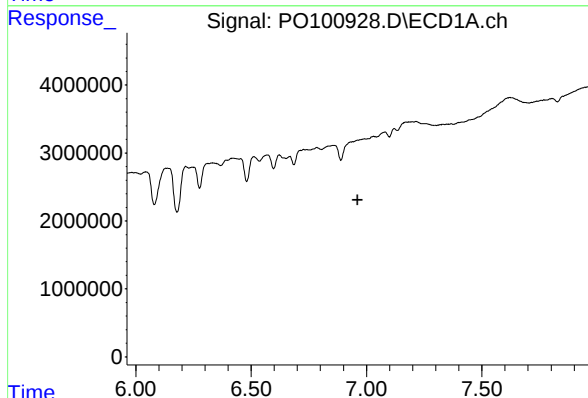
R.T.: 6.571 min
Delta R.T.: -0.023 min
Response: 7177348
Conc: 48.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



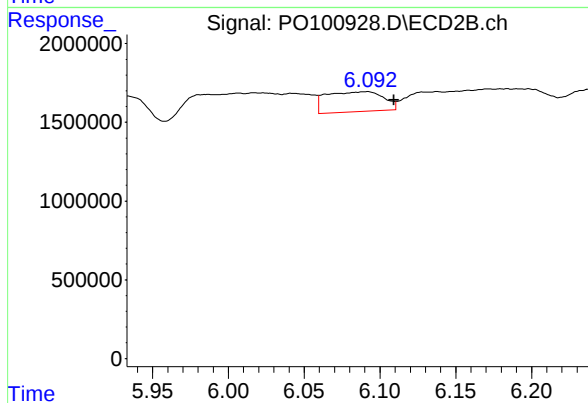
#27 AR-1254-2

R.T.: 5.682 min
Delta R.T.: -0.019 min
Response: 2653960
Conc: 28.89 ng/ml



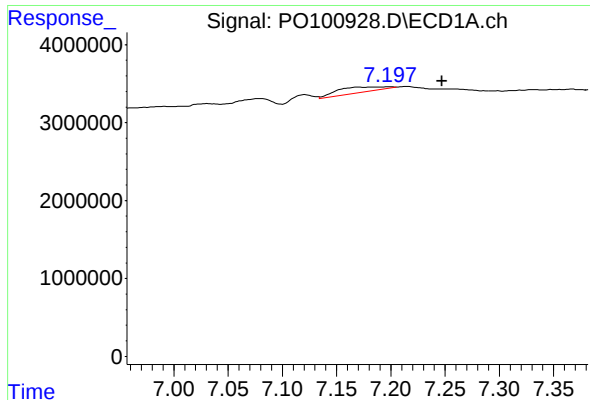
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.961 min
Response: 0
Conc: N.D.



#28 AR-1254-3

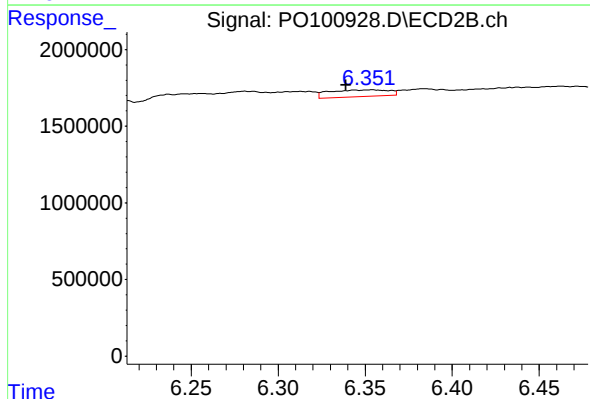
R.T.: 6.091 min
Delta R.T.: -0.018 min
Response: 3332181
Conc: 24.64 ng/ml



#29 AR-1254-4

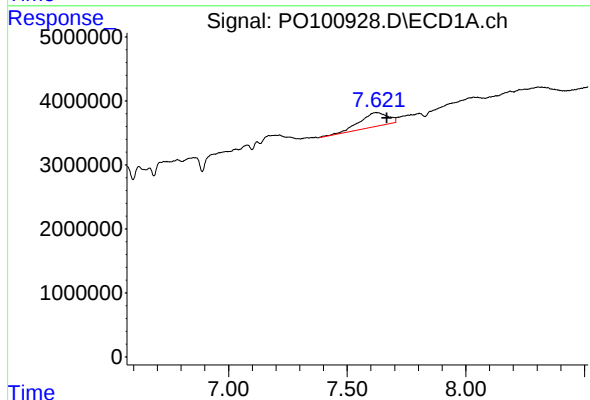
R.T.: 7.198 min
Delta R.T.: -0.049 min
Response: 2051202
Conc: 24.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



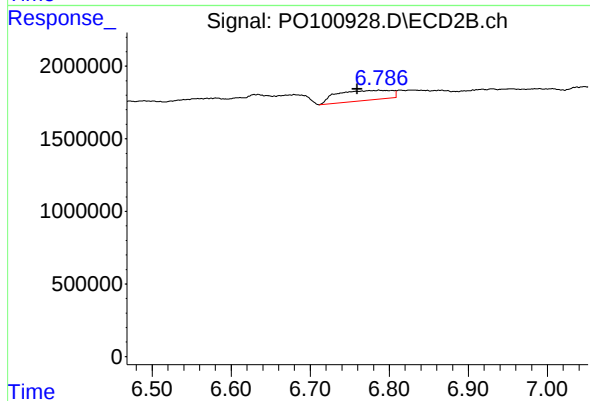
#29 AR-1254-4

R.T.: 6.354 min
Delta R.T.: 0.015 min
Response: 1054377
Conc: 14.62 ng/ml



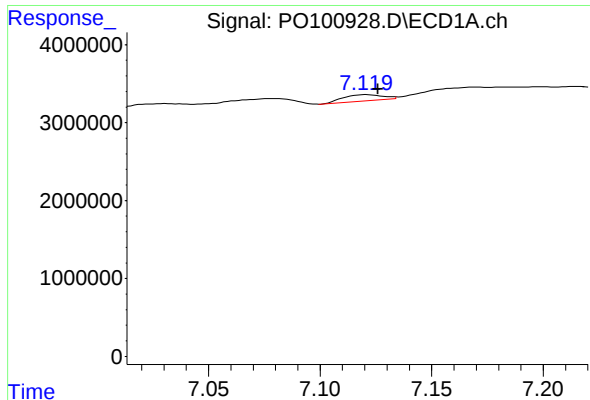
#30 AR-1254-5

R.T.: 7.622 min
Delta R.T.: -0.046 min
Response: 18398977
Conc: 155.49 ng/ml



#30 AR-1254-5

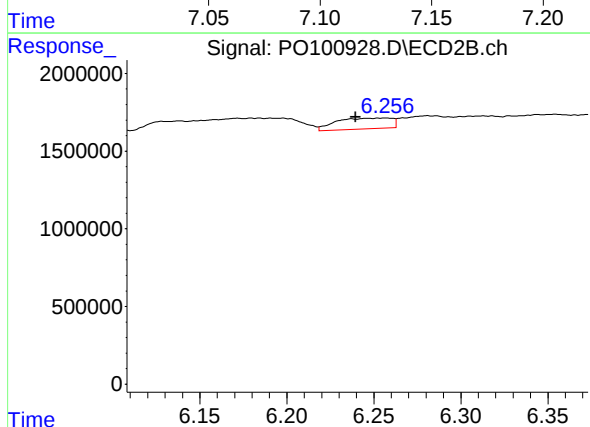
R.T.: 6.787 min
Delta R.T.: 0.028 min
Response: 3256708
Conc: 28.26 ng/ml



#31 AR-1260-1

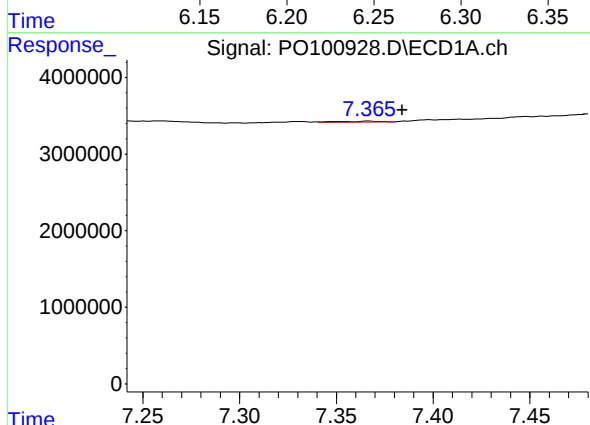
R.T.: 7.120 min
Delta R.T.: -0.006 min
Response: 964886
Conc: 7.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



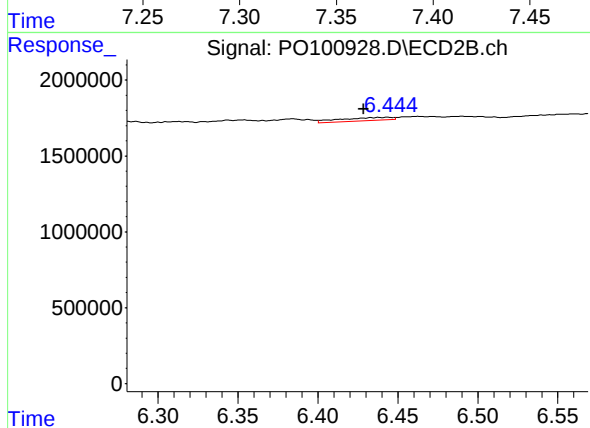
#31 AR-1260-1

R.T.: 6.257 min
Delta R.T.: 0.017 min
Response: 1531929
Conc: 16.08 ng/ml



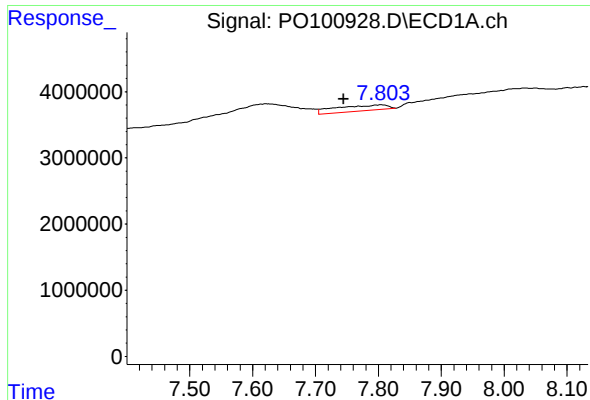
#32 AR-1260-2

R.T.: 7.367 min
Delta R.T.: -0.018 min
Response: 185173
Conc: 1.47 ng/ml



#32 AR-1260-2

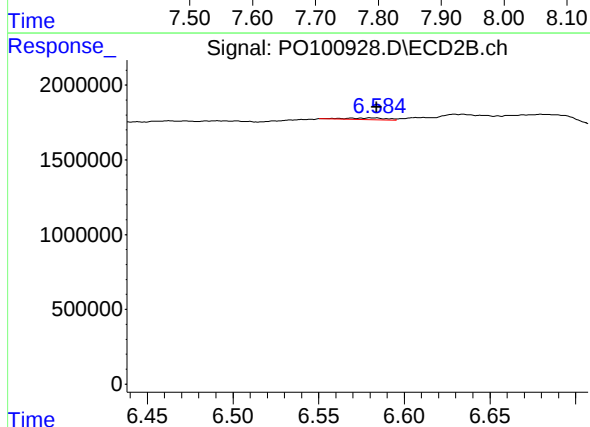
R.T.: 6.444 min
Delta R.T.: 0.015 min
Response: 475435
Conc: 4.42 ng/ml



#33 AR-1260-3

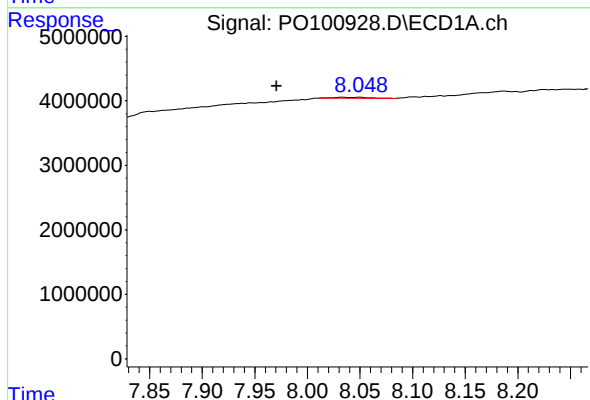
R.T.: 7.804 min
Delta R.T.: 0.059 min
Response: 4800979
Conc: 49.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



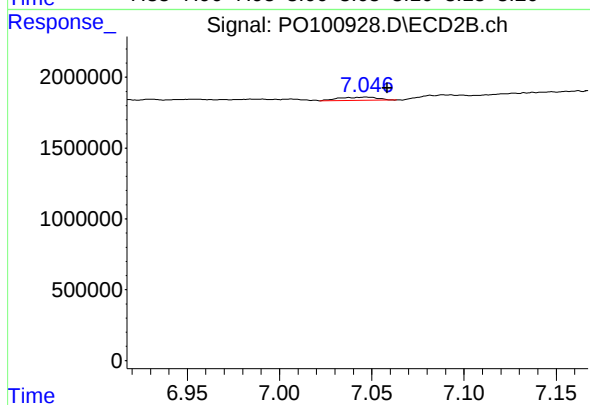
#33 AR-1260-3

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 190849
Conc: 1.86 ng/ml



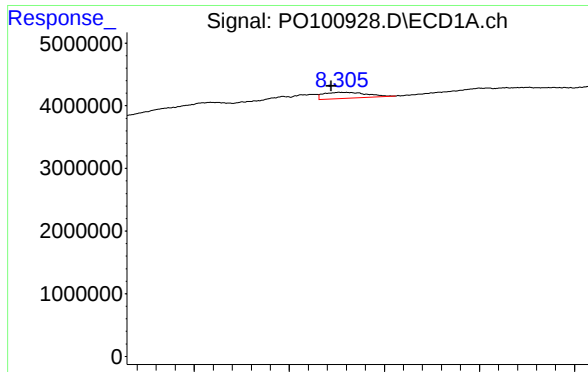
#34 AR-1260-4

R.T.: 8.034 min
Delta R.T.: 0.063 min
Response: 339531
Conc: 3.22 ng/ml



#34 AR-1260-4

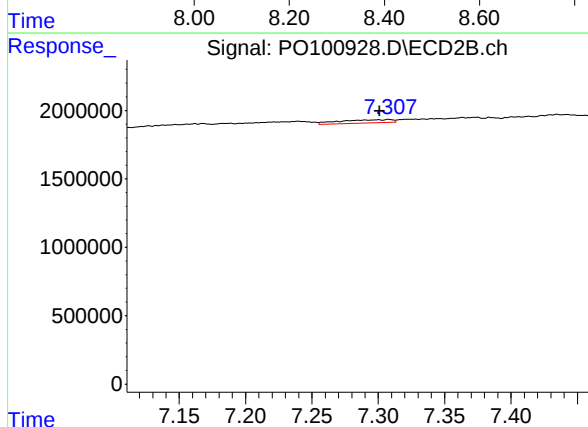
R.T.: 7.047 min
Delta R.T.: -0.011 min
Response: 324285
Conc: 3.98 ng/ml



#35 AR-1260-5

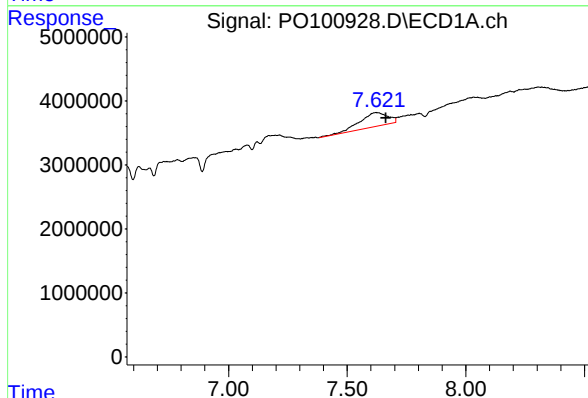
R.T.: 8.305 min
Delta R.T.: 0.017 min
Response: 6010336
Conc: 28.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



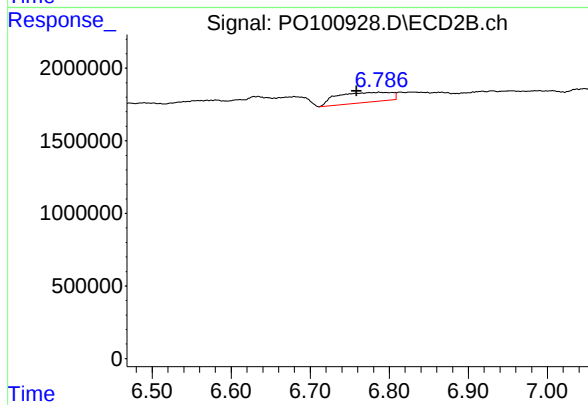
#35 AR-1260-5

R.T.: 7.308 min
Delta R.T.: 0.007 min
Response: 679973
Conc: 3.77 ng/ml



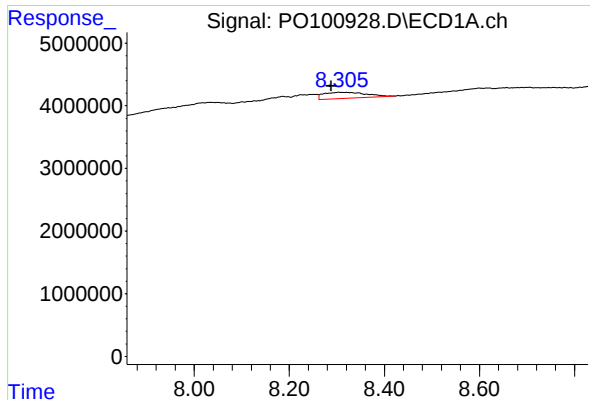
#36 AR-1262-1

R.T.: 7.622 min
Delta R.T.: -0.042 min
Response: 18398977
Conc: 184.17 ng/ml



#36 AR-1262-1

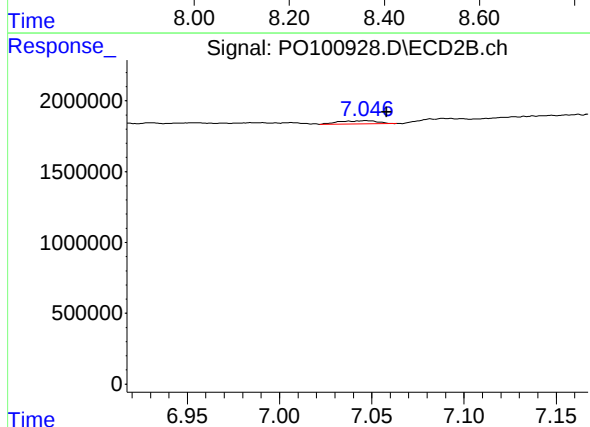
R.T.: 6.787 min
Delta R.T.: 0.029 min
Response: 3256708
Conc: 52.21 ng/ml



#37 AR-1262-2

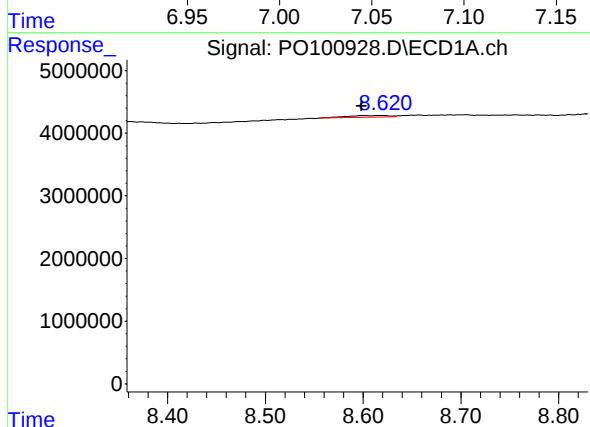
R.T.: 8.305 min
Delta R.T.: 0.017 min
Response: 6010336
Conc: 25.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



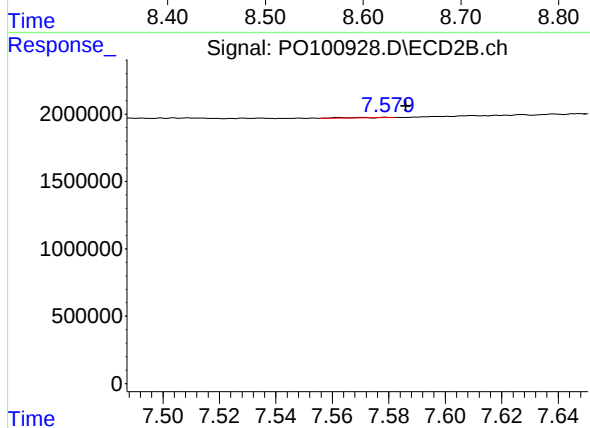
#37 AR-1262-2

R.T.: 7.047 min
Delta R.T.: -0.011 min
Response: 324285
Conc: 2.87 ng/ml



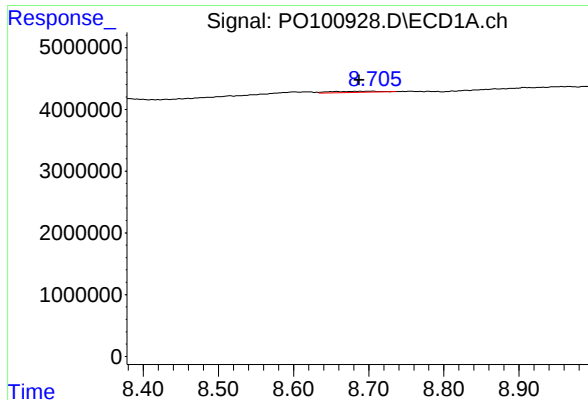
#38 AR-1262-3

R.T.: 8.620 min
Delta R.T.: 0.021 min
Response: 826783
Conc: 5.09 ng/ml



#38 AR-1262-3

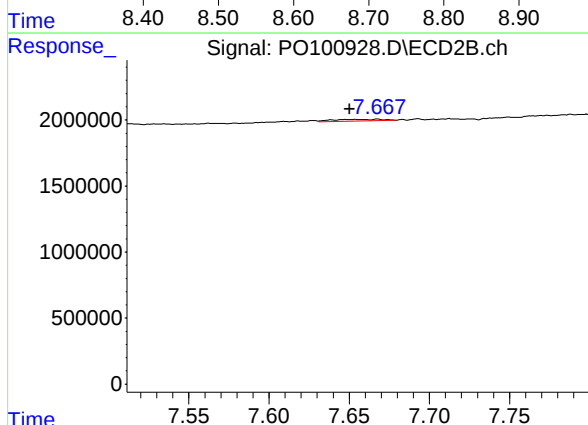
R.T.: 7.563 min
Delta R.T.: -0.023 min
Response: 26301
Conc: 0.34 ng/ml



#39 AR-1262-4

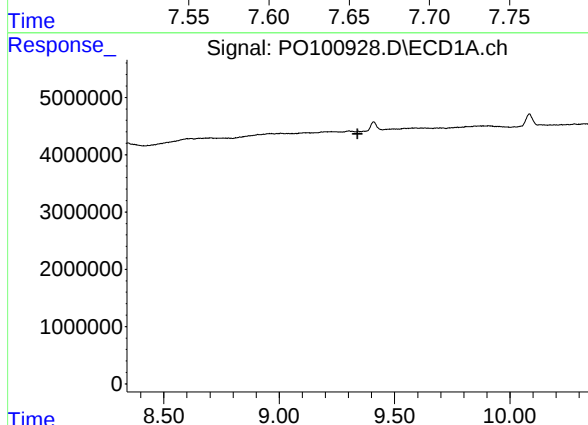
R.T.: 8.705 min
Delta R.T.: 0.017 min
Response: 838160
Conc: 6.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



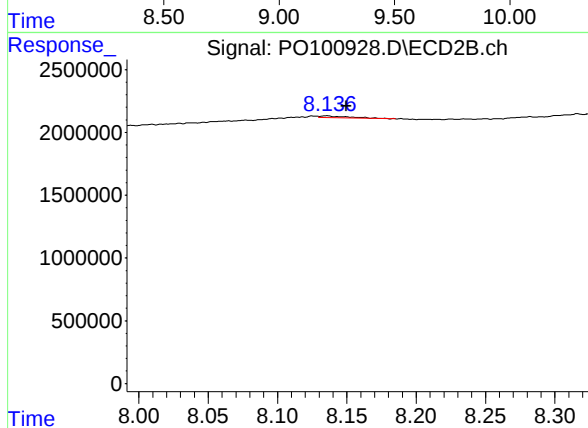
#39 AR-1262-4

R.T.: 7.654 min
Delta R.T.: 0.003 min
Response: 259530
Conc: 1.76 ng/ml



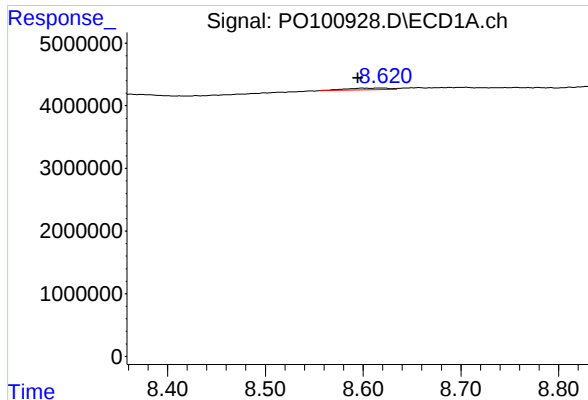
#40 AR-1262-5

R.T.: 9.344 min
Delta R.T.: 0.004 min
Response: -1960
Conc: N.D.



#40 AR-1262-5

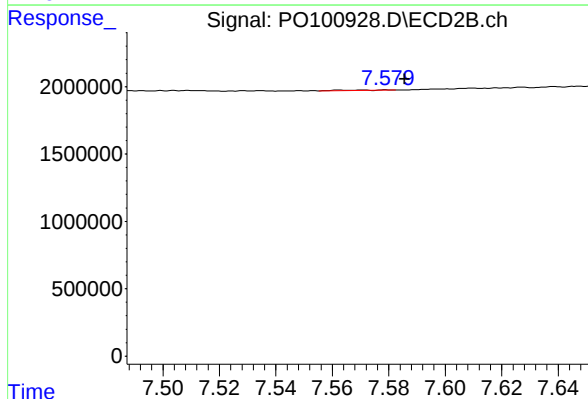
R.T.: 8.135 min
Delta R.T.: -0.014 min
Response: 189598
Conc: 2.96 ng/ml



#41 AR-1268-1

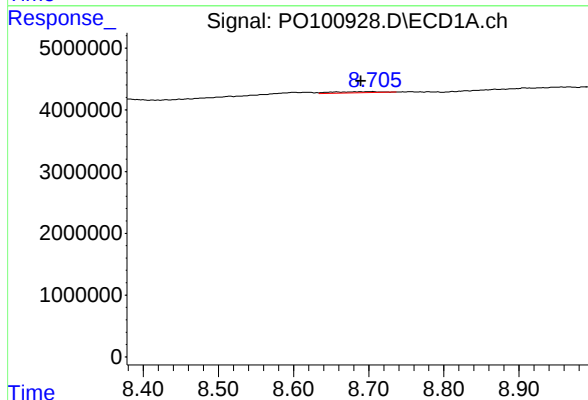
R.T.: 8.620 min
Delta R.T.: 0.025 min
Response: 826783
Conc: 2.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



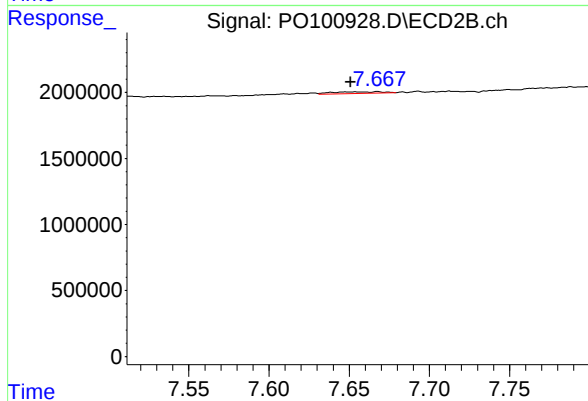
#41 AR-1268-1

R.T.: 7.563 min
Delta R.T.: -0.023 min
Response: 26301
Conc: 0.12 ng/ml



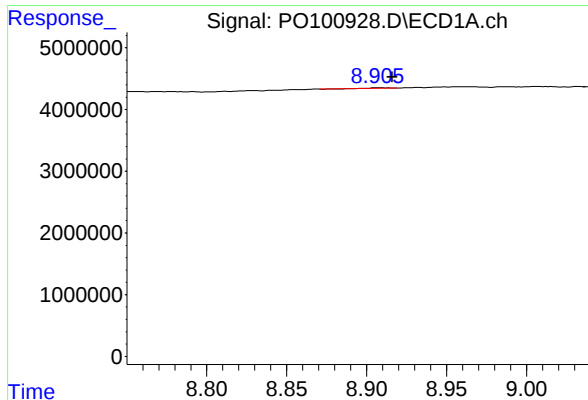
#42 AR-1268-2

R.T.: 8.705 min
Delta R.T.: 0.015 min
Response: 838160
Conc: 3.32 ng/ml



#42 AR-1268-2

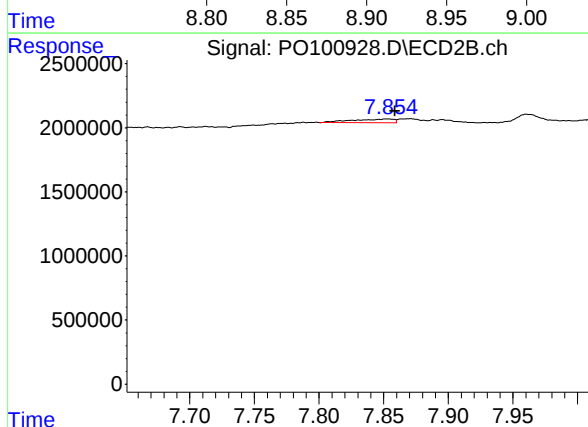
R.T.: 7.654 min
Delta R.T.: 0.003 min
Response: 259530
Conc: 1.28 ng/ml



#43 AR-1268-3

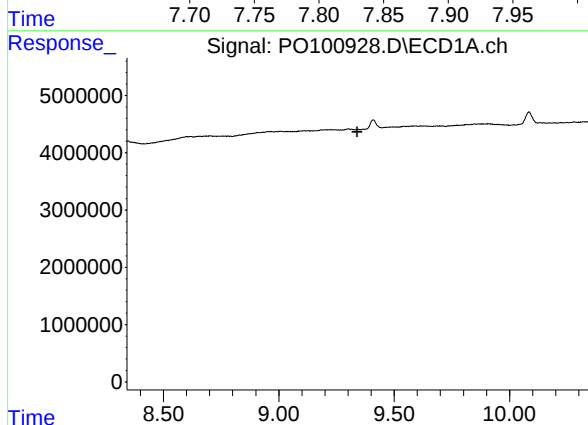
R.T.: 8.908 min
Delta R.T.: -0.008 min
Response: 62110
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



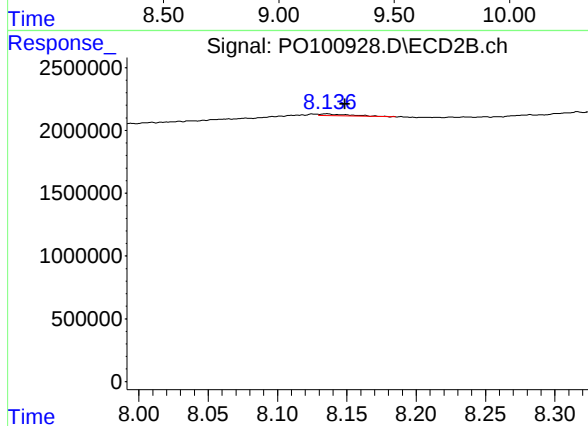
#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: -0.006 min
Response: 615468
Conc: 3.26 ng/ml



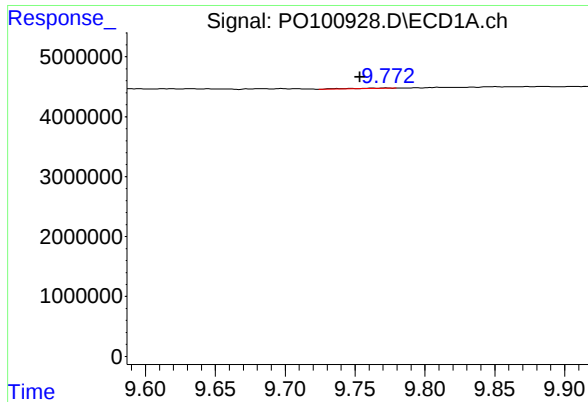
#44 AR-1268-4

R.T.: 9.344 min
Delta R.T.: 0.003 min
Response: -1960
Conc: N.D.



#44 AR-1268-4

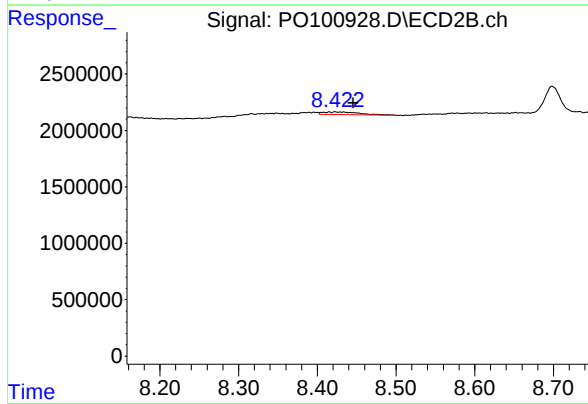
R.T.: 8.135 min
Delta R.T.: -0.013 min
Response: 189598
Conc: 2.82 ng/ml



#45 AR-1268-5

R.T.: 9.773 min
Delta R.T.: 0.019 min
Response: 126910
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.415 min
Delta R.T.: -0.030 min
Response: 771747
Conc: 1.49 ng/ml