

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0120423\
 Data File : P0100261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 18:31
 Operator : YP/AJ
 Sample : 05602-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:08:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.478	3.702	30663757	28491987	17.965	18.996
2) SA Decachlor...	10.360	8.794	12564848	19015351	17.299	16.993
Target Compounds						
3) L1 AR-1016-1	5.663	4.794	587558	94478	13.656	2.992 #
4) L1 AR-1016-2	5.692	4.839	1571866	1099429	24.279	25.427
5) L1 AR-1016-3	5.759	5.002	1081150	413188	24.805	17.817 #
6) L1 AR-1016-4	5.828	5.051	7612725	284864	230.623	13.895 #
7) L1 AR-1016-5	6.163	5.273	1264893	11650	40.285	0.457 #
8) L2 AR-1221-1	4.688	3.909	1038636	228305	50.382	12.010 #
9) L2 AR-1221-2	4.787	4.009	465014	569776	30.787	43.723 #
10) L2 AR-1221-3	4.849	4.081	31024	546870	0.691	15.224 #
11) L3 AR-1232-1	4.849	4.081	31024	546870	0.869	18.636 #
12) L3 AR-1232-2	5.406	4.839	422399	1099429	24.269	55.440 #
13) L3 AR-1232-3	5.692	5.002	1571866	413188	55.470	39.870 #
14) L3 AR-1232-4	5.828	5.121	7612725	753992	548.005	75.855 #
15) L3 AR-1232-5	5.945	5.273	1198017	11650	97.620	1.079 #
16) L4 AR-1242-1	5.663	4.794	587558	94478	16.960	3.595 #
17) L4 AR-1242-2	5.692	4.839	1571866	1099429	29.954	31.267
18) L4 AR-1242-3	5.759	5.002	1081150	413188	31.064	21.576 #
19) L4 AR-1242-4	5.828	5.121	7612725	753992	289.563	37.434 #
20) L4 AR-1242-5	6.570	5.630	6655547	7674715	297.668	328.459
21) L5 AR-1248-1	5.663	4.794	587558	94478	22.727	4.726 #
22) L5 AR-1248-2	5.945	5.051	1198017	284864	29.294	10.181 #
23) L5 AR-1248-3	6.163	5.121	1264893	753992	29.531	26.110
24) L5 AR-1248-4	6.570	5.273	6655547	11650	176.580	0.355 #
25) L5 AR-1248-5	6.570	5.668	6655547	800129	180.207	26.786 #
26) L6 AR-1254-1	6.544	5.630	7087569	7674715	147.189	148.054
27) L6 AR-1254-2	6.764	5.770	6765241	1141415	98.647	24.511 #
28) L6 AR-1254-3	7.134	6.179	3958176	1069515	62.130	13.713 #
29) L6 AR-1254-4	7.415	6.411	695708	270917	18.403	6.348 #
30) L6 AR-1254-5	7.858	6.829	3181794	4027572	74.337	55.658 #
31) L7 AR-1260-1	7.290	6.332	690470	3419747	12.968	59.181 #
32) L7 AR-1260-2	7.547	6.512	6318804	1905712	119.454	28.693 #
33) L7 AR-1260-3	7.917	6.655	324709	604560	9.103	9.448
34) L7 AR-1260-4	8.137	7.132	1070915	1187993	25.875	23.559
35) L7 AR-1260-5	8.472	7.371	647591	1104281	9.695	9.851
36) L8 AR-1262-1	7.858	6.829	3181794	4027572	87.963	105.376
37) L8 AR-1262-2	8.472	7.132	647591	1187993	7.627	15.750 #
38) L8 AR-1262-3	8.810	7.658	423492	255501	7.030	4.387 #
39) L8 AR-1262-4	8.887	7.722	611184	1023518	12.677	9.958
40) L8 AR-1262-5	9.572	8.229	70351	366799	2.695	8.418 #
41) L9 AR-1268-1	8.810	7.658	423492	255501	3.837	1.538 #

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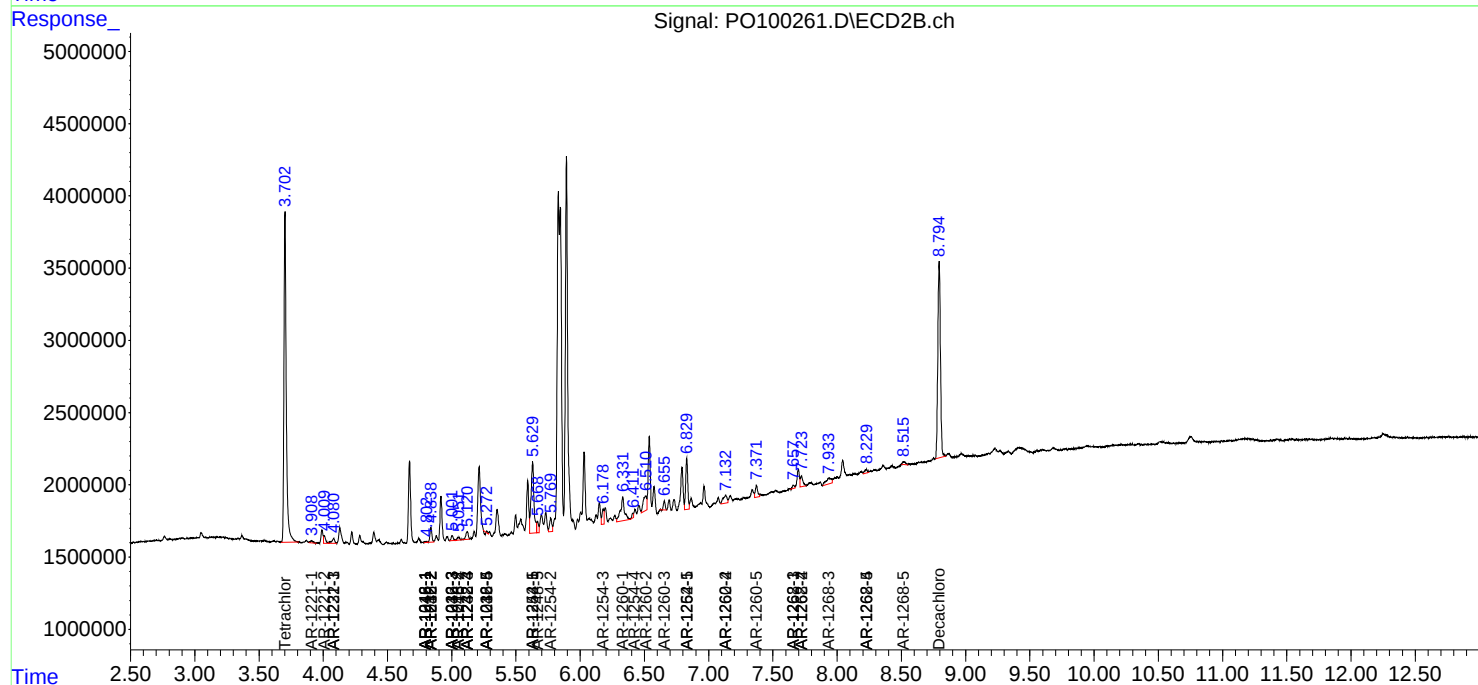
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

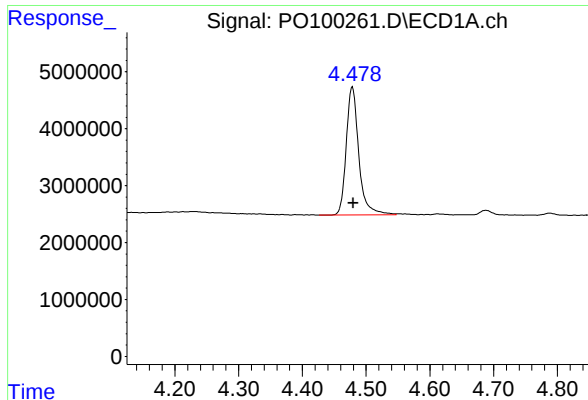
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.887	7.722	611184	1023518	6.349	6.705
43) L9	AR-1268-3	9.132	7.934	70448	1200904	0.781	8.380 #
44) L9	AR-1268-4	9.572	8.229	70351	366799	2.474	7.807 #
45) L9	AR-1268-5	10.012	8.515	206737	342227	0.822	0.860

(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

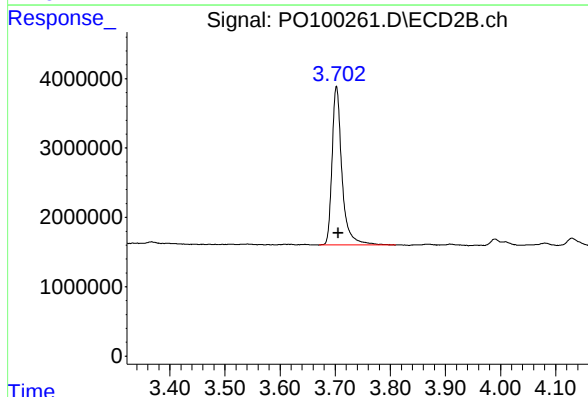




#1 Tetrachloro-m-xylene

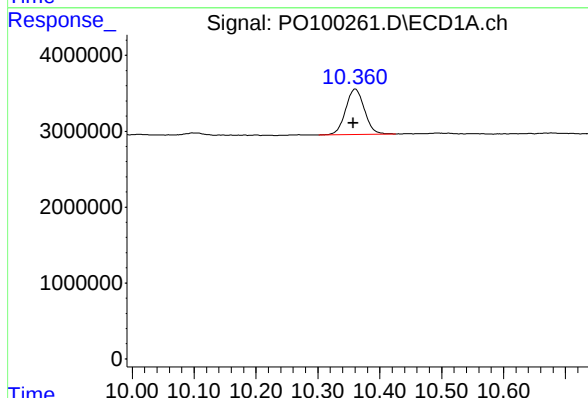
R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 30663757
Conc: 17.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



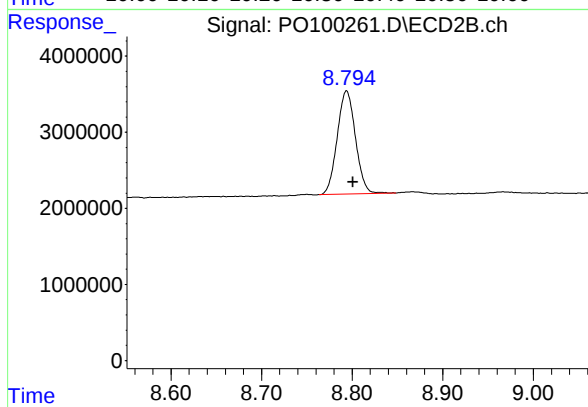
#1 Tetrachloro-m-xylene

R.T.: 3.702 min
Delta R.T.: -0.003 min
Response: 28491987
Conc: 19.00 ng/ml



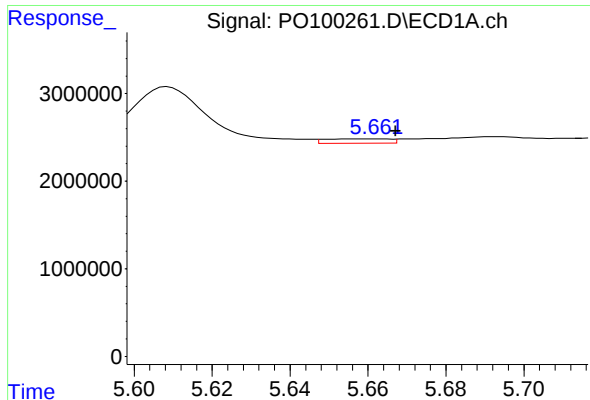
#2 Decachlorobiphenyl

R.T.: 10.360 min
Delta R.T.: 0.003 min
Response: 12564848
Conc: 17.30 ng/ml



#2 Decachlorobiphenyl

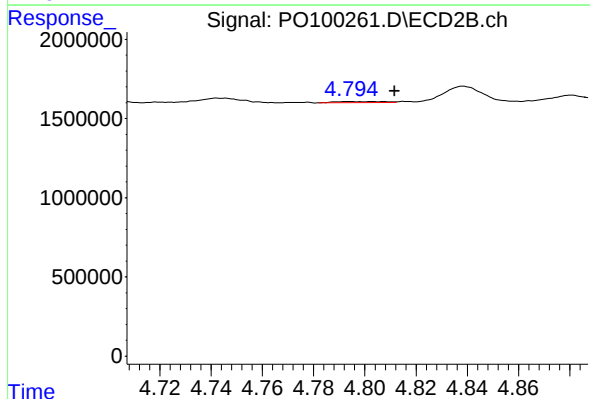
R.T.: 8.794 min
Delta R.T.: -0.007 min
Response: 19015351
Conc: 16.99 ng/ml



#3 AR-1016-1

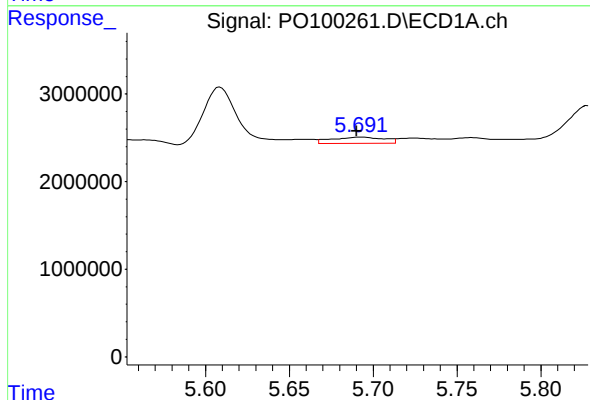
R.T.: 5.663 min
Delta R.T.: -0.005 min
Response: 587558
Conc: 13.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



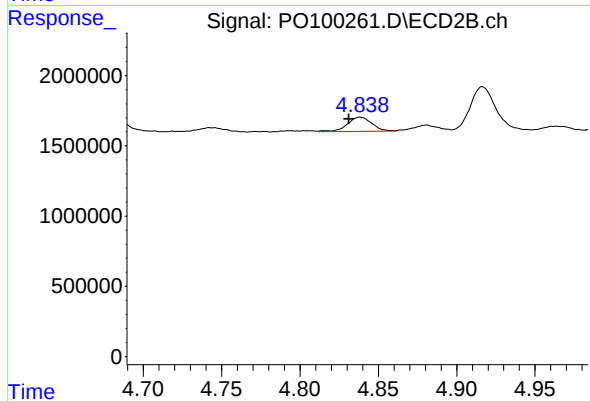
#3 AR-1016-1

R.T.: 4.794 min
Delta R.T.: -0.018 min
Response: 94478
Conc: 2.99 ng/ml



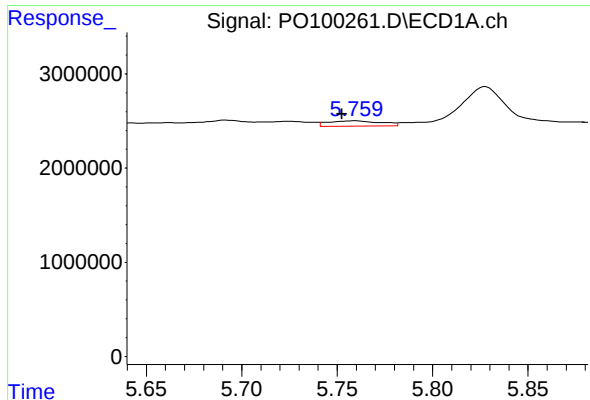
#4 AR-1016-2

R.T.: 5.692 min
Delta R.T.: 0.002 min
Response: 1571866
Conc: 24.28 ng/ml



#4 AR-1016-2

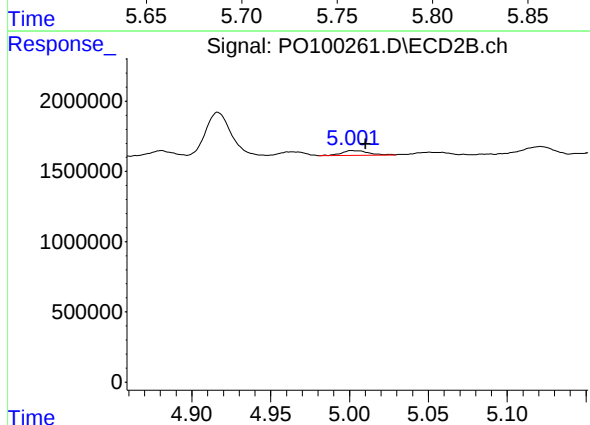
R.T.: 4.839 min
Delta R.T.: 0.007 min
Response: 1099429
Conc: 25.43 ng/ml



#5 AR-1016-3

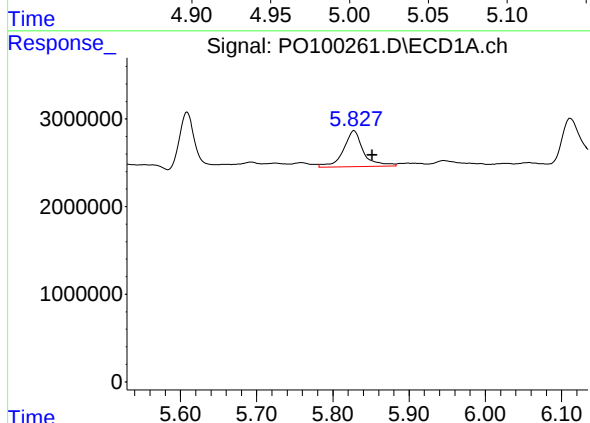
R.T.: 5.759 min
Delta R.T.: 0.007 min
Response: 1081150
Conc: 24.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



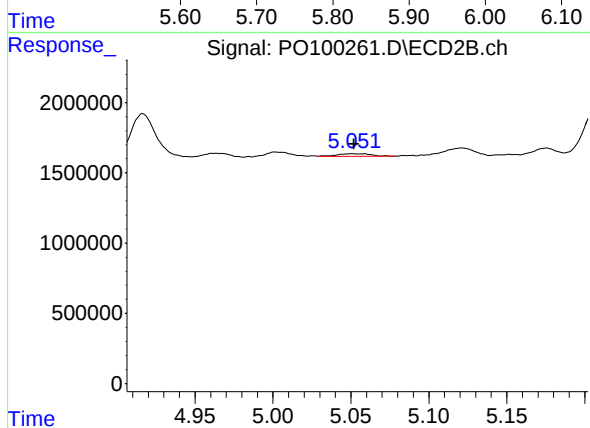
#5 AR-1016-3

R.T.: 5.002 min
Delta R.T.: -0.008 min
Response: 413188
Conc: 17.82 ng/ml



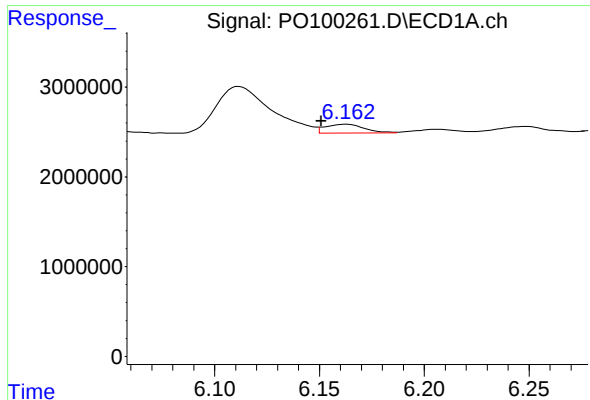
#6 AR-1016-4

R.T.: 5.828 min
Delta R.T.: -0.024 min
Response: 7612725
Conc: 230.62 ng/ml



#6 AR-1016-4

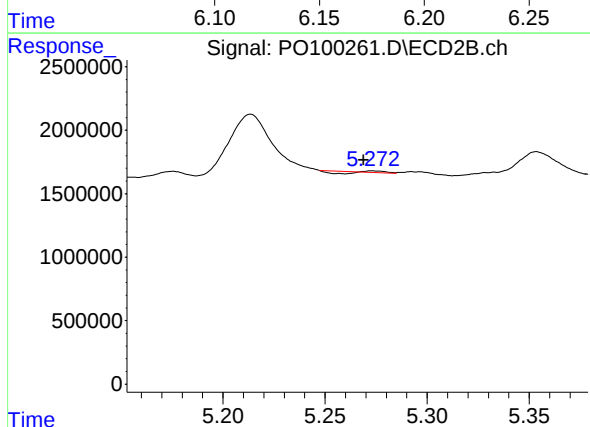
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 284864
Conc: 13.90 ng/ml



#7 AR-1016-5

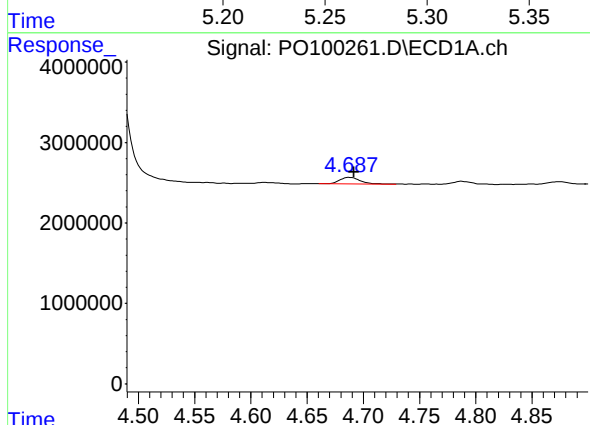
R.T.: 6.163 min
Delta R.T.: 0.012 min
Response: 1264893
Conc: 40.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



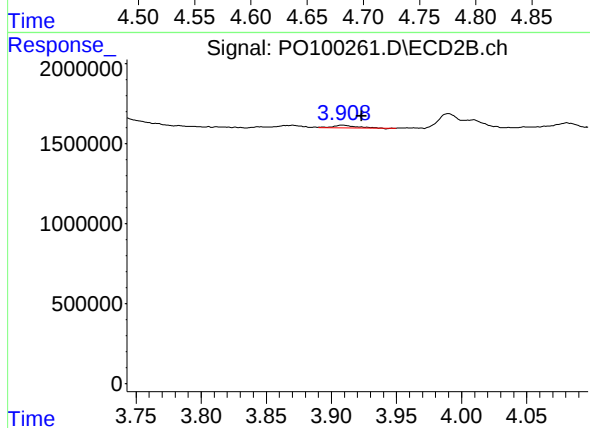
#7 AR-1016-5

R.T.: 5.273 min
Delta R.T.: 0.004 min
Response: 11650
Conc: 0.46 ng/ml



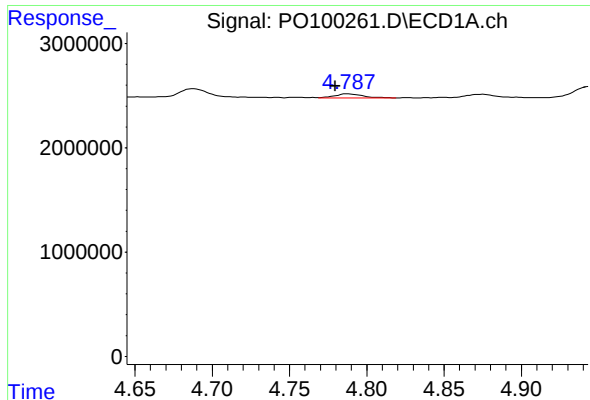
#8 AR-1221-1

R.T.: 4.688 min
Delta R.T.: -0.004 min
Response: 1038636
Conc: 50.38 ng/ml



#8 AR-1221-1

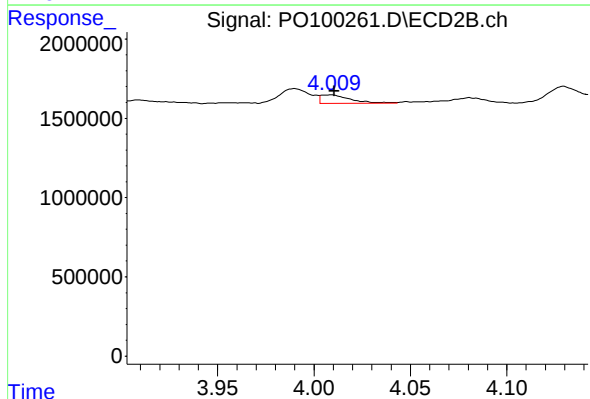
R.T.: 3.909 min
Delta R.T.: -0.015 min
Response: 228305
Conc: 12.01 ng/ml



#9 AR-1221-2

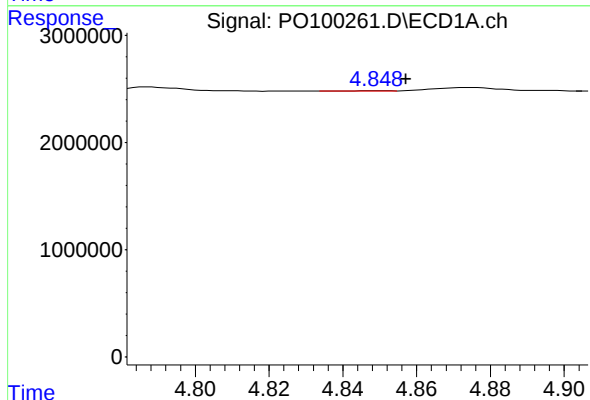
R.T.: 4.787 min
Delta R.T.: 0.008 min
Response: 465014
Conc: 30.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



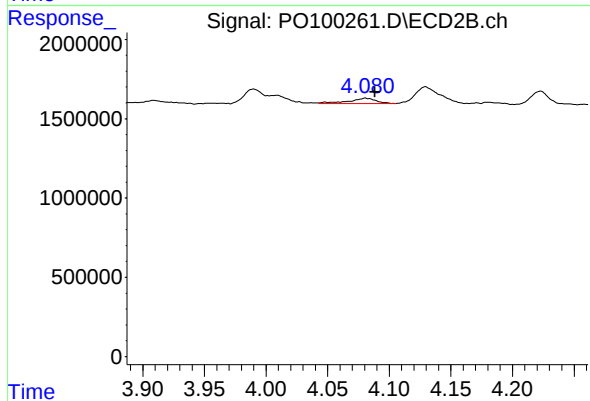
#9 AR-1221-2

R.T.: 4.009 min
Delta R.T.: -0.002 min
Response: 569776
Conc: 43.72 ng/ml



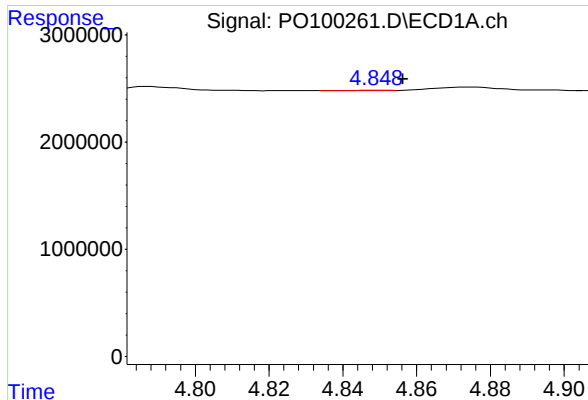
#10 AR-1221-3

R.T.: 4.849 min
Delta R.T.: -0.008 min
Response: 31024
Conc: 0.69 ng/ml



#10 AR-1221-3

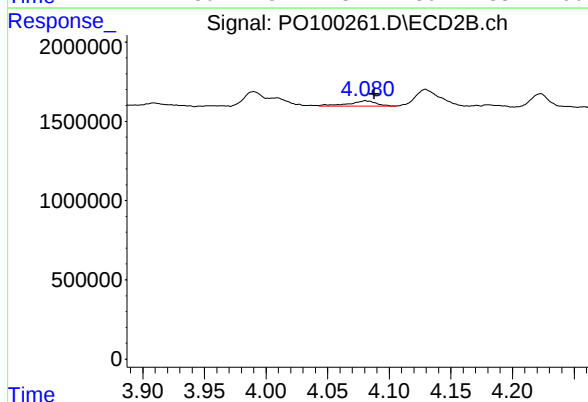
R.T.: 4.081 min
Delta R.T.: -0.008 min
Response: 546870
Conc: 15.22 ng/ml



#11 AR-1232-1

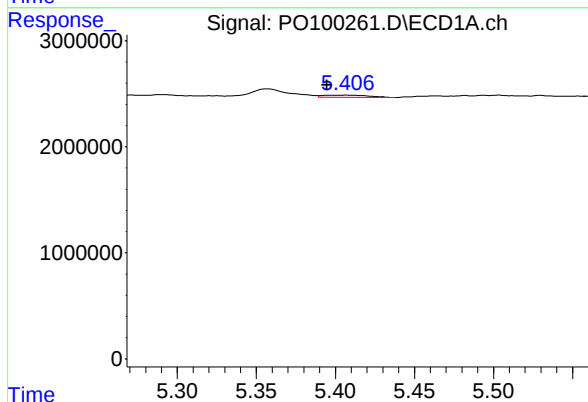
R.T.: 4.849 min
Delta R.T.: -0.007 min
Response: 31024
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



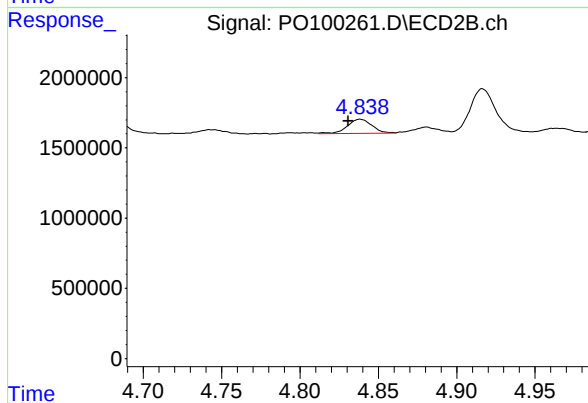
#11 AR-1232-1

R.T.: 4.081 min
Delta R.T.: -0.007 min
Response: 546870
Conc: 18.64 ng/ml



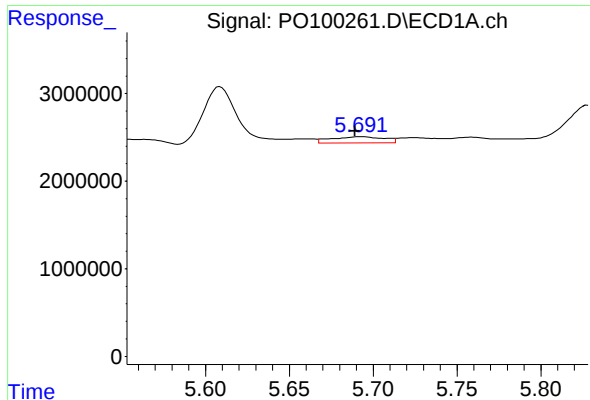
#12 AR-1232-2

R.T.: 5.406 min
Delta R.T.: 0.011 min
Response: 422399
Conc: 24.27 ng/ml



#12 AR-1232-2

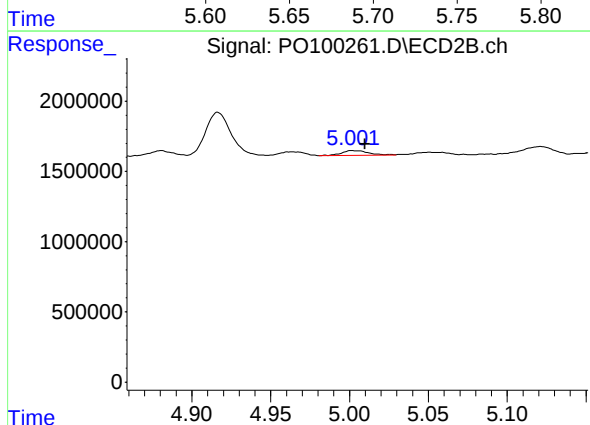
R.T.: 4.839 min
Delta R.T.: 0.008 min
Response: 1099429
Conc: 55.44 ng/ml



#13 AR-1232-3

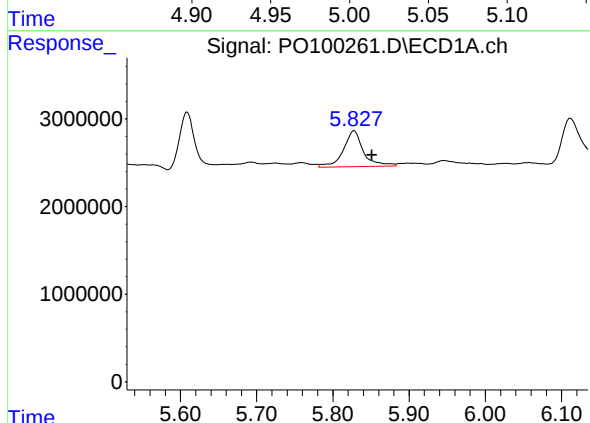
R.T.: 5.692 min
Delta R.T.: 0.003 min
Response: 1571866
Conc: 55.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



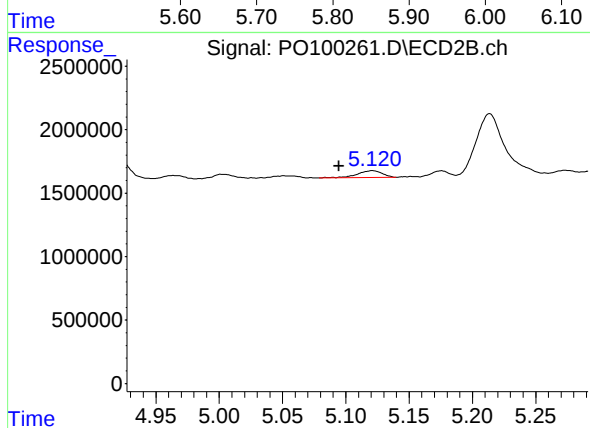
#13 AR-1232-3

R.T.: 5.002 min
Delta R.T.: -0.008 min
Response: 413188
Conc: 39.87 ng/ml



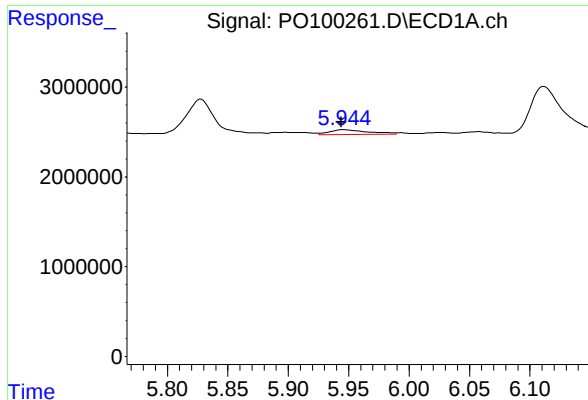
#14 AR-1232-4

R.T.: 5.828 min
Delta R.T.: -0.024 min
Response: 7612725
Conc: 548.01 ng/ml



#14 AR-1232-4

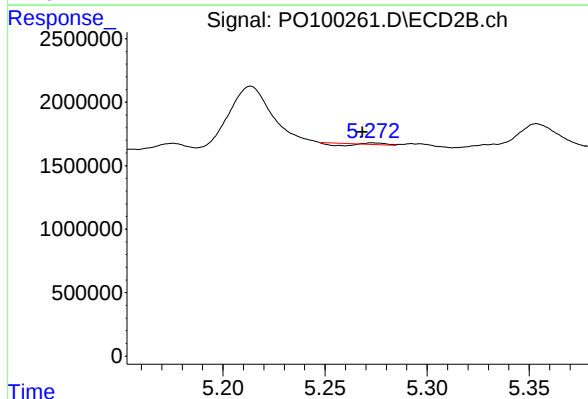
R.T.: 5.121 min
Delta R.T.: 0.027 min
Response: 753992
Conc: 75.86 ng/ml



#15 AR-1232-5

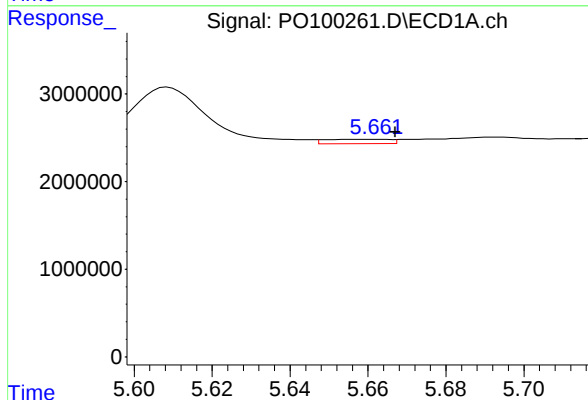
R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 1198017
Conc: 97.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



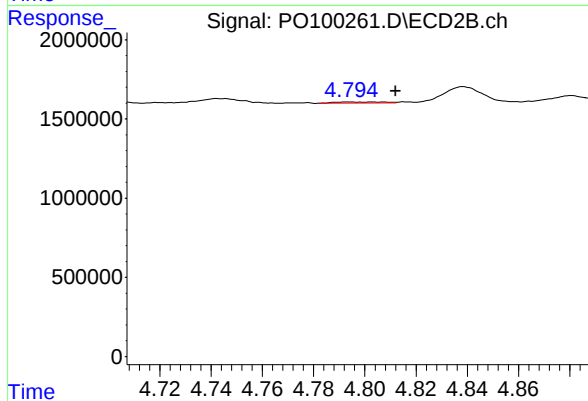
#15 AR-1232-5

R.T.: 5.273 min
Delta R.T.: 0.005 min
Response: 11650
Conc: 1.08 ng/ml



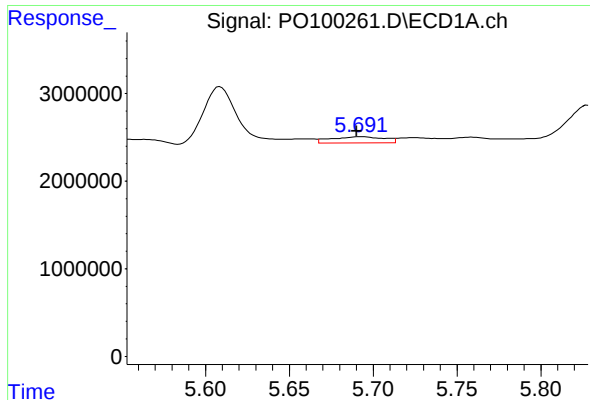
#16 AR-1242-1

R.T.: 5.663 min
Delta R.T.: -0.005 min
Response: 587558
Conc: 16.96 ng/ml



#16 AR-1242-1

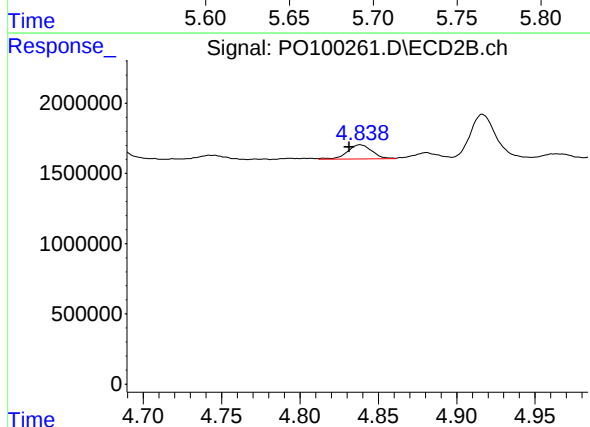
R.T.: 4.794 min
Delta R.T.: -0.018 min
Response: 94478
Conc: 3.59 ng/ml



#17 AR-1242-2

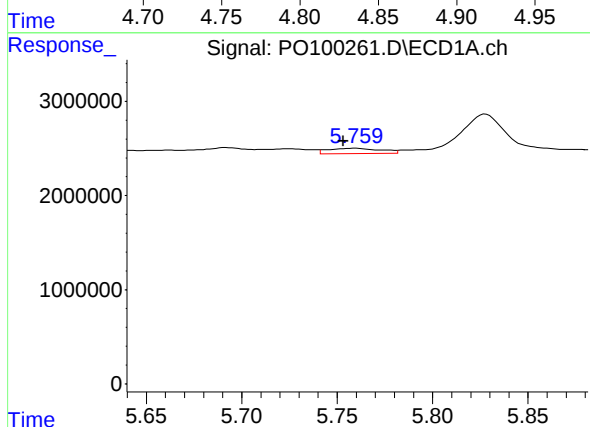
R.T.: 5.692 min
Delta R.T.: 0.002 min
Response: 1571866
Conc: 29.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



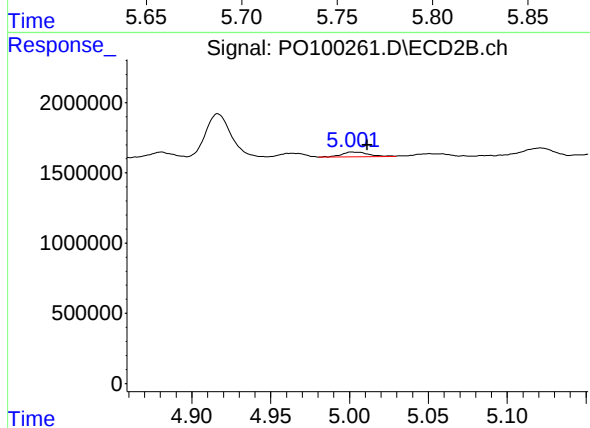
#17 AR-1242-2

R.T.: 4.839 min
Delta R.T.: 0.007 min
Response: 1099429
Conc: 31.27 ng/ml



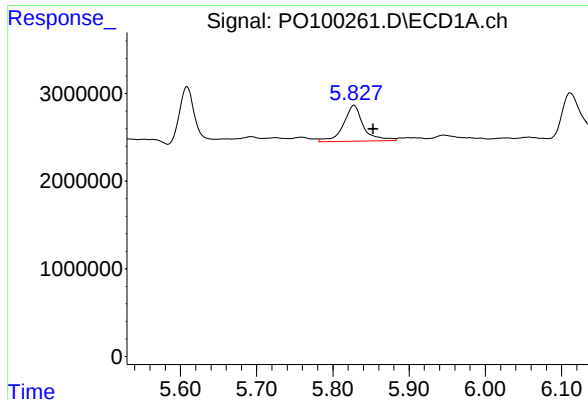
#18 AR-1242-3

R.T.: 5.759 min
Delta R.T.: 0.006 min
Response: 1081150
Conc: 31.06 ng/ml



#18 AR-1242-3

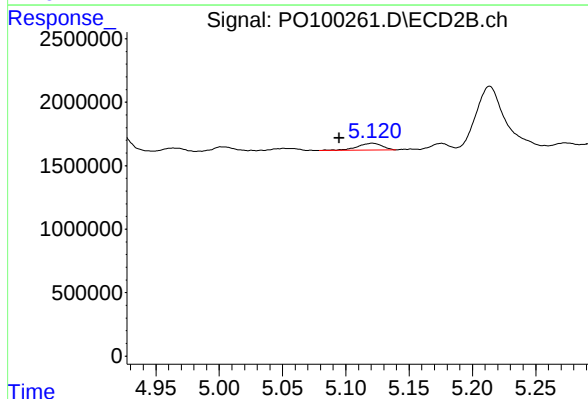
R.T.: 5.002 min
Delta R.T.: -0.009 min
Response: 413188
Conc: 21.58 ng/ml



#19 AR-1242-4

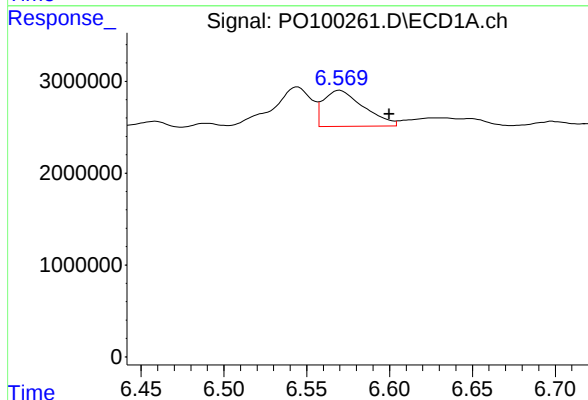
R.T.: 5.828 min
Delta R.T.: -0.025 min
Response: 7612725
Conc: 289.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



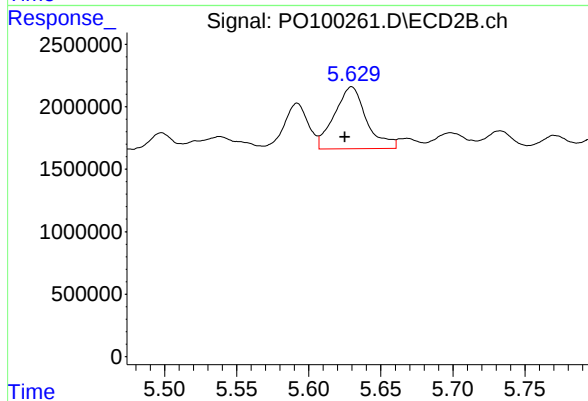
#19 AR-1242-4

R.T.: 5.121 min
Delta R.T.: 0.026 min
Response: 753992
Conc: 37.43 ng/ml



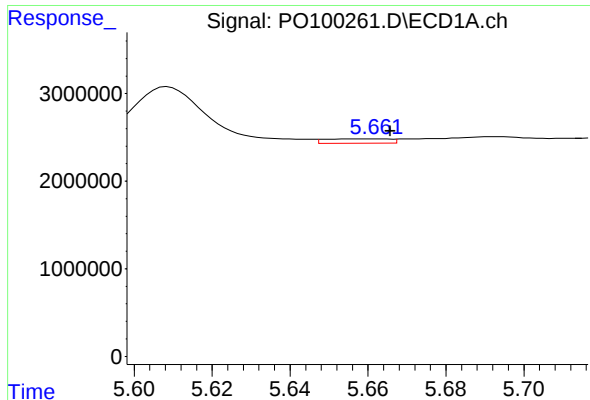
#20 AR-1242-5

R.T.: 6.570 min
Delta R.T.: -0.030 min
Response: 6655547
Conc: 297.67 ng/ml



#20 AR-1242-5

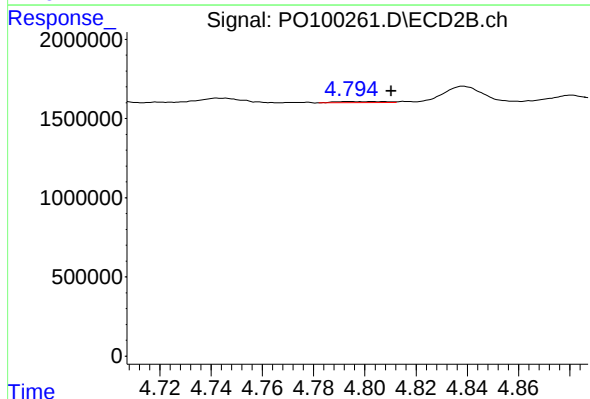
R.T.: 5.630 min
Delta R.T.: 0.005 min
Response: 7674715
Conc: 328.46 ng/ml



#21 AR-1248-1

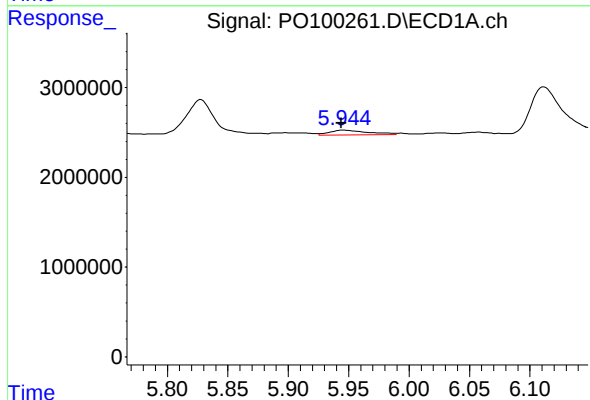
R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 587558
Conc: 22.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



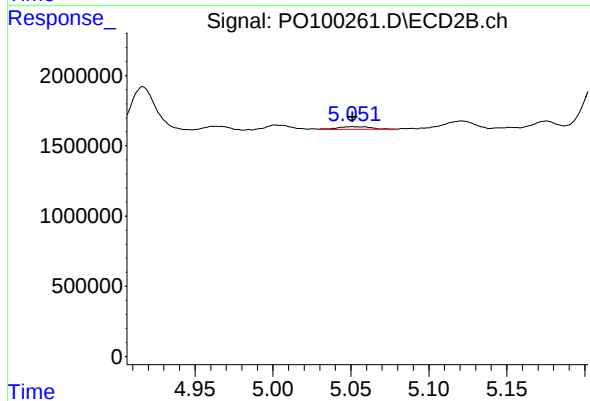
#21 AR-1248-1

R.T.: 4.794 min
Delta R.T.: -0.016 min
Response: 94478
Conc: 4.73 ng/ml



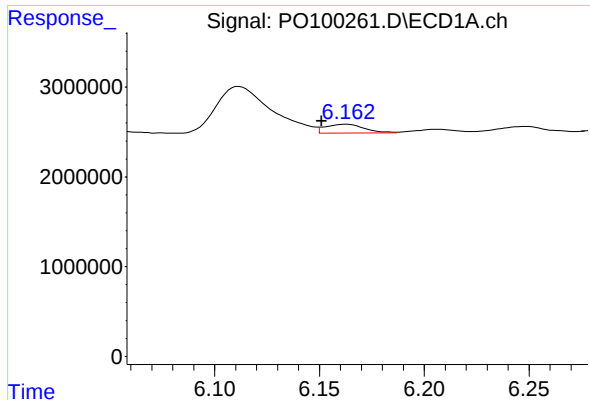
#22 AR-1248-2

R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 1198017
Conc: 29.29 ng/ml



#22 AR-1248-2

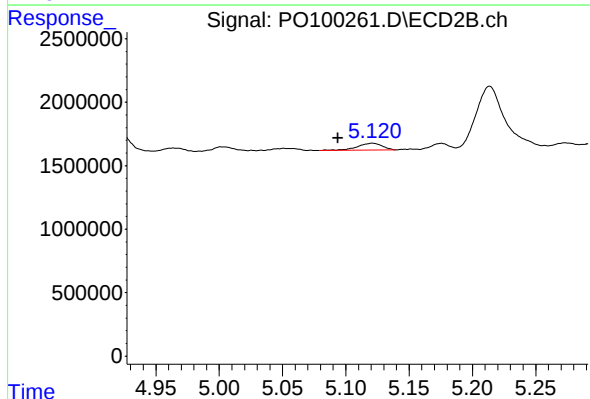
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 284864
Conc: 10.18 ng/ml



#23 AR-1248-3

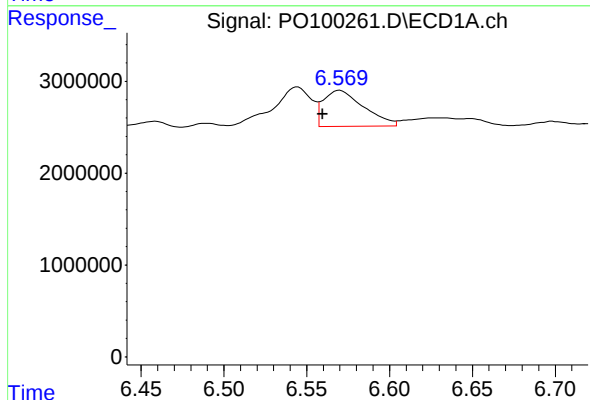
R.T.: 6.163 min
Delta R.T.: 0.012 min
Response: 1264893
Conc: 29.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



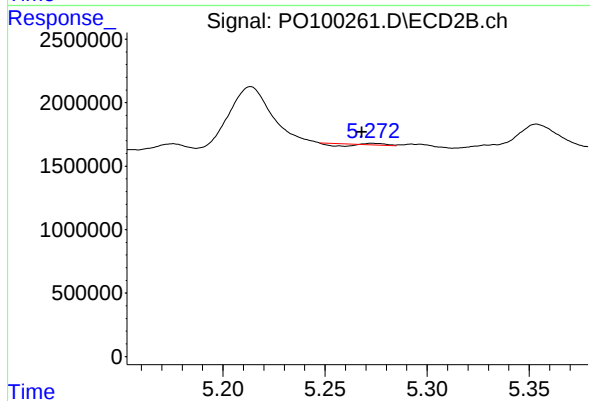
#23 AR-1248-3

R.T.: 5.121 min
Delta R.T.: 0.027 min
Response: 753992
Conc: 26.11 ng/ml



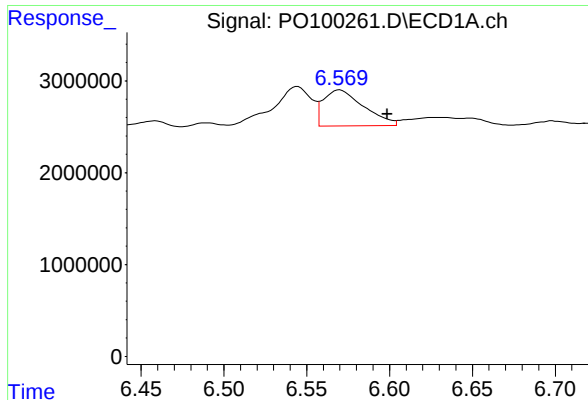
#24 AR-1248-4

R.T.: 6.570 min
Delta R.T.: 0.010 min
Response: 665547
Conc: 176.58 ng/ml



#24 AR-1248-4

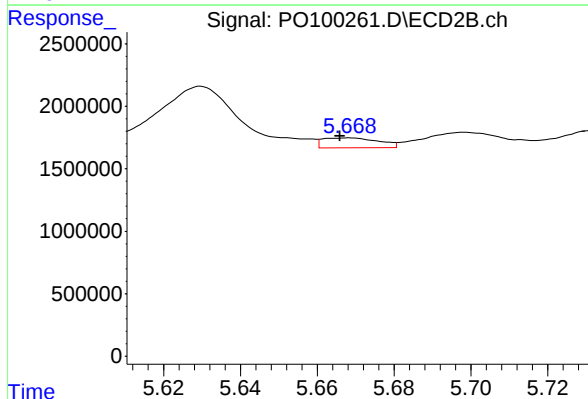
R.T.: 5.273 min
Delta R.T.: 0.005 min
Response: 11650
Conc: 0.36 ng/ml



#25 AR-1248-5

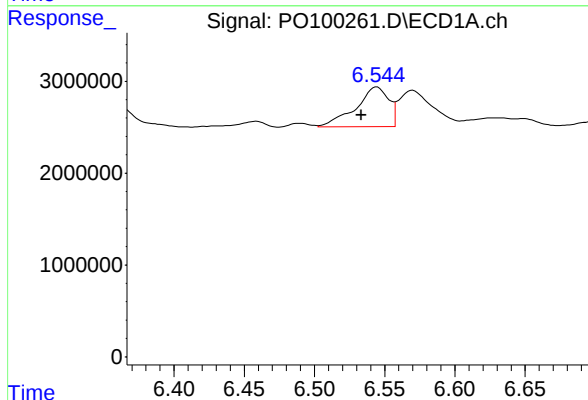
R.T.: 6.570 min
Delta R.T.: -0.029 min
Response: 6655547
Conc: 180.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



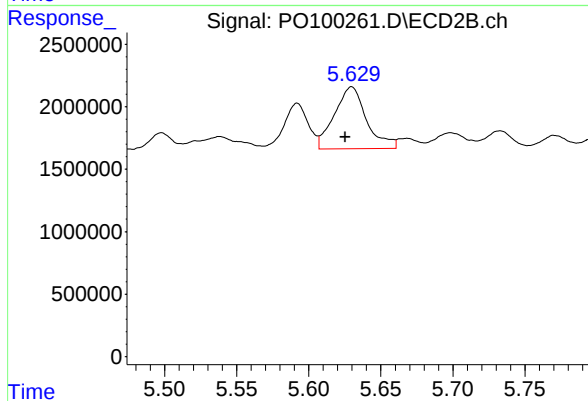
#25 AR-1248-5

R.T.: 5.668 min
Delta R.T.: 0.002 min
Response: 800129
Conc: 26.79 ng/ml



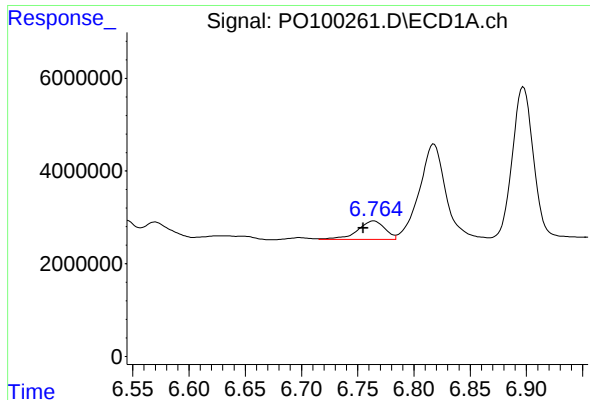
#26 AR-1254-1

R.T.: 6.544 min
Delta R.T.: 0.011 min
Response: 7087569
Conc: 147.19 ng/ml



#26 AR-1254-1

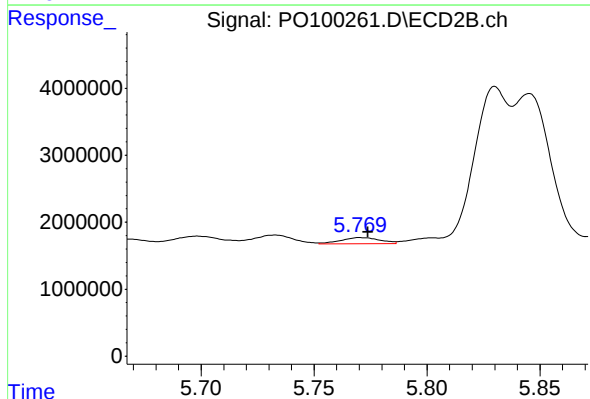
R.T.: 5.630 min
Delta R.T.: 0.004 min
Response: 7674715
Conc: 148.05 ng/ml



#27 AR-1254-2

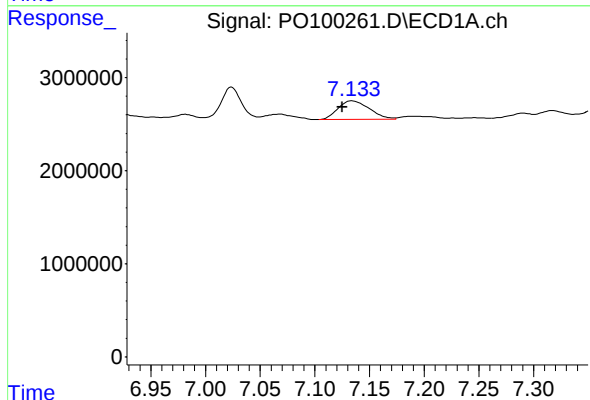
R.T.: 6.764 min
Delta R.T.: 0.009 min
Response: 6765241
Conc: 98.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



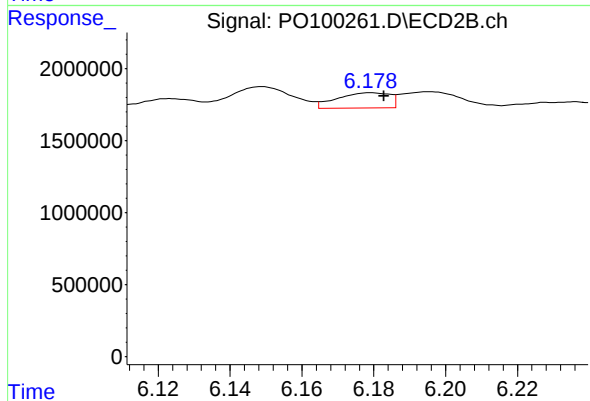
#27 AR-1254-2

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 1141415
Conc: 24.51 ng/ml



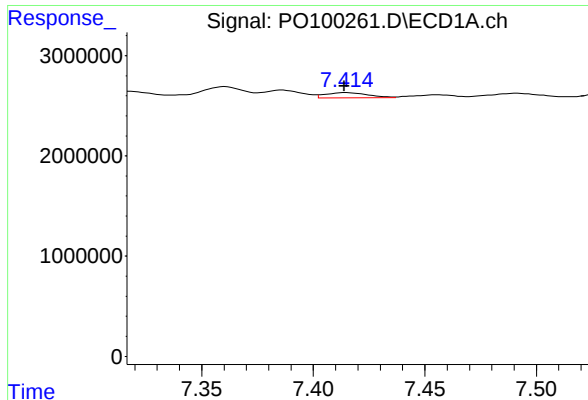
#28 AR-1254-3

R.T.: 7.134 min
Delta R.T.: 0.009 min
Response: 3958176
Conc: 62.13 ng/ml



#28 AR-1254-3

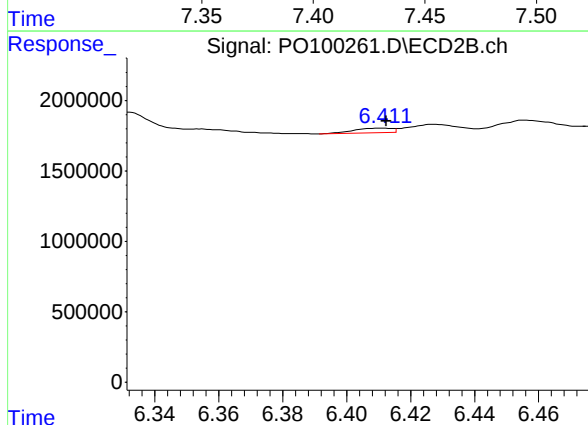
R.T.: 6.179 min
Delta R.T.: -0.004 min
Response: 1069515
Conc: 13.71 ng/ml



#29 AR-1254-4

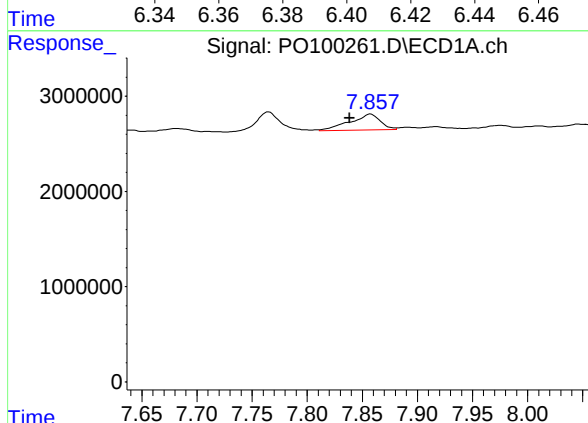
R.T.: 7.415 min
Delta R.T.: 0.000 min
Response: 695708
Conc: 18.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



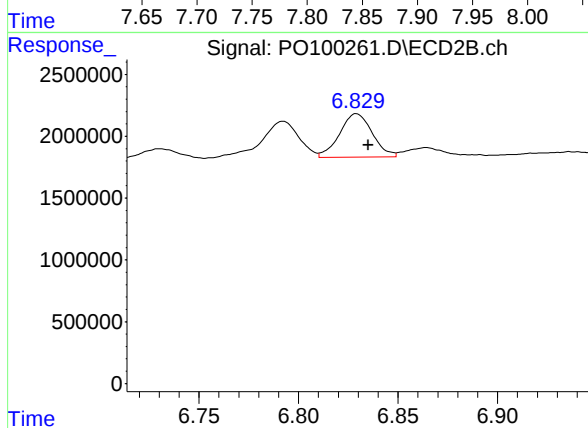
#29 AR-1254-4

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 270917
Conc: 6.35 ng/ml



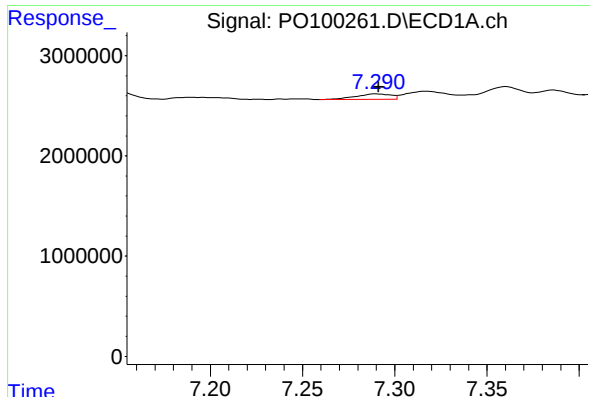
#30 AR-1254-5

R.T.: 7.858 min
Delta R.T.: 0.019 min
Response: 3181794
Conc: 74.34 ng/ml



#30 AR-1254-5

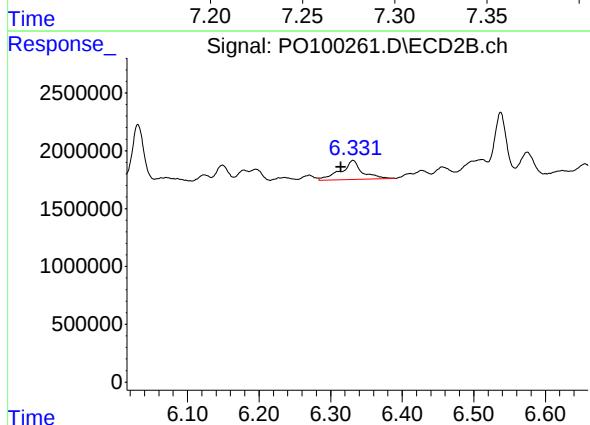
R.T.: 6.829 min
Delta R.T.: -0.006 min
Response: 4027572
Conc: 55.66 ng/ml



#31 AR-1260-1

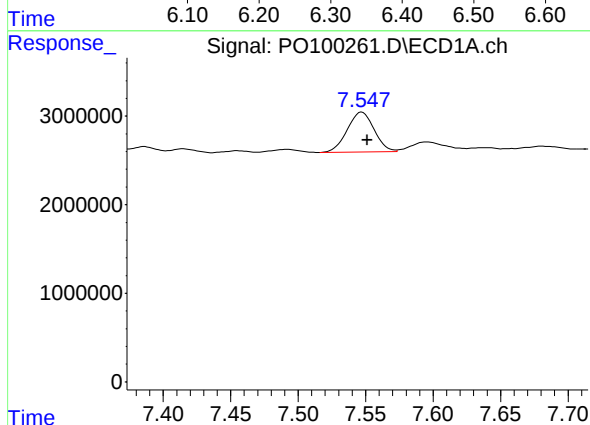
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 690470
Conc: 12.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



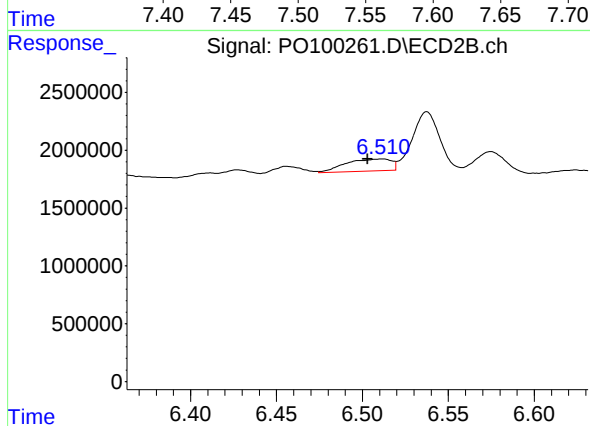
#31 AR-1260-1

R.T.: 6.332 min
Delta R.T.: 0.017 min
Response: 3419747
Conc: 59.18 ng/ml



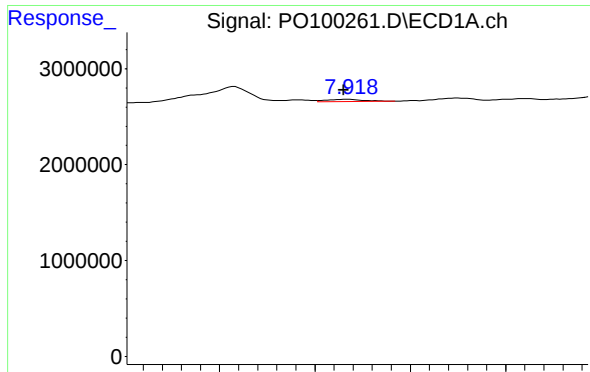
#32 AR-1260-2

R.T.: 7.547 min
Delta R.T.: -0.004 min
Response: 6318804
Conc: 119.45 ng/ml



#32 AR-1260-2

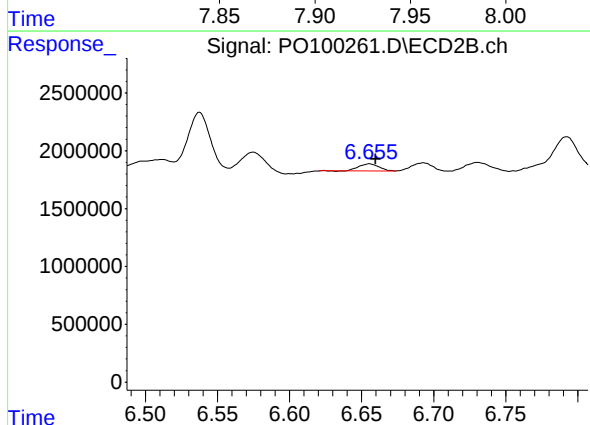
R.T.: 6.512 min
Delta R.T.: 0.009 min
Response: 1905712
Conc: 28.69 ng/ml



#33 AR-1260-3

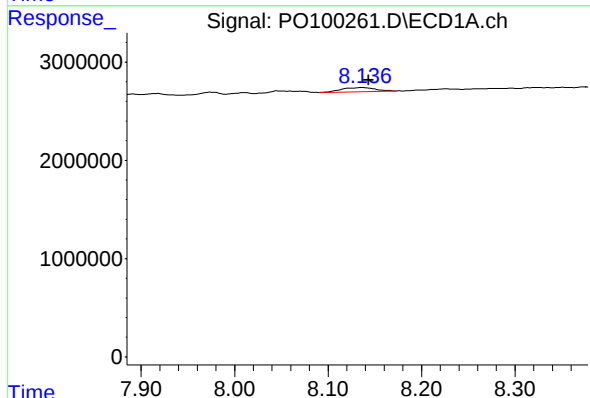
R.T.: 7.917 min
Delta R.T.: 0.002 min
Response: 324709
Conc: 9.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



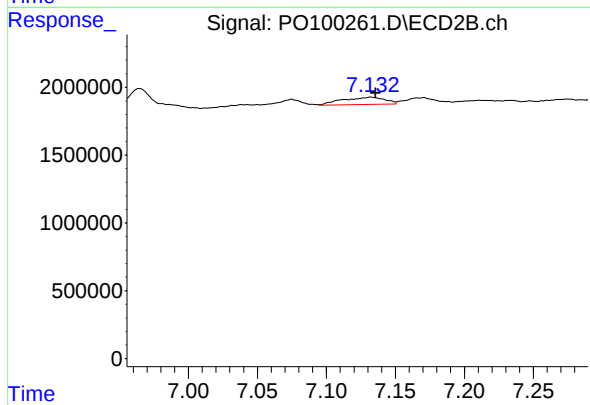
#33 AR-1260-3

R.T.: 6.655 min
Delta R.T.: -0.005 min
Response: 604560
Conc: 9.45 ng/ml



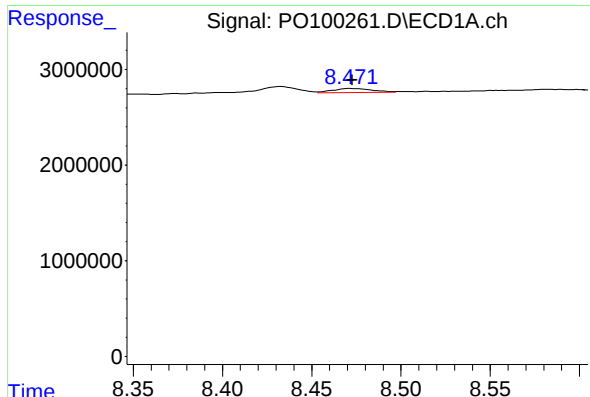
#34 AR-1260-4

R.T.: 8.137 min
Delta R.T.: -0.007 min
Response: 1070915
Conc: 25.87 ng/ml



#34 AR-1260-4

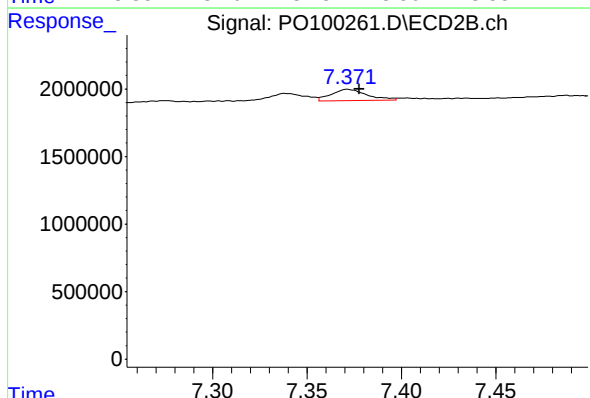
R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 1187993
Conc: 23.56 ng/ml



#35 AR-1260-5

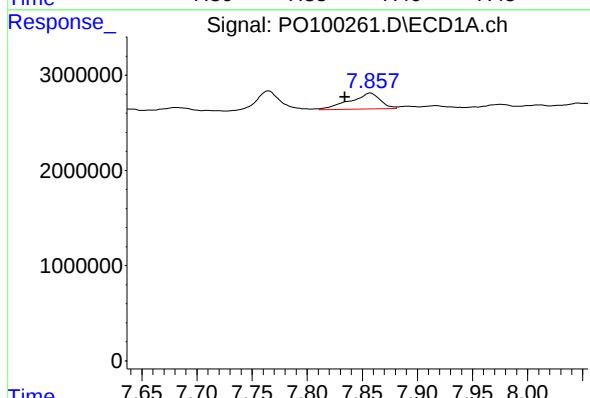
R.T.: 8.472 min
Delta R.T.: -0.001 min
Response: 647591
Conc: 9.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



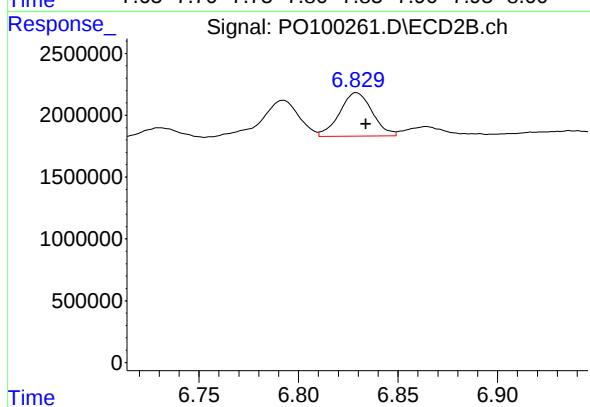
#35 AR-1260-5

R.T.: 7.371 min
Delta R.T.: -0.006 min
Response: 1104281
Conc: 9.85 ng/ml



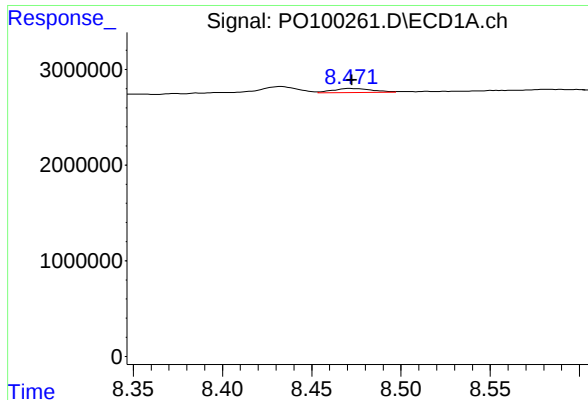
#36 AR-1262-1

R.T.: 7.858 min
Delta R.T.: 0.023 min
Response: 3181794
Conc: 87.96 ng/ml



#36 AR-1262-1

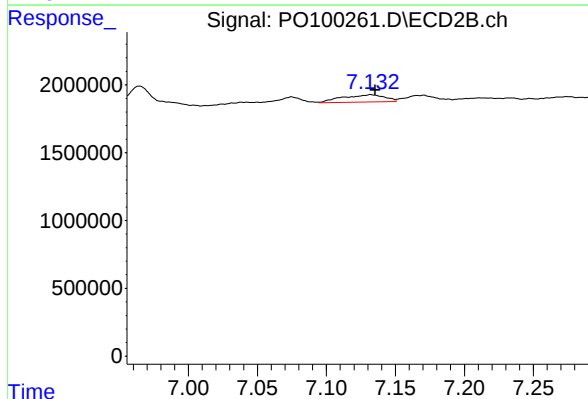
R.T.: 6.829 min
Delta R.T.: -0.005 min
Response: 4027572
Conc: 105.38 ng/ml



#37 AR-1262-2

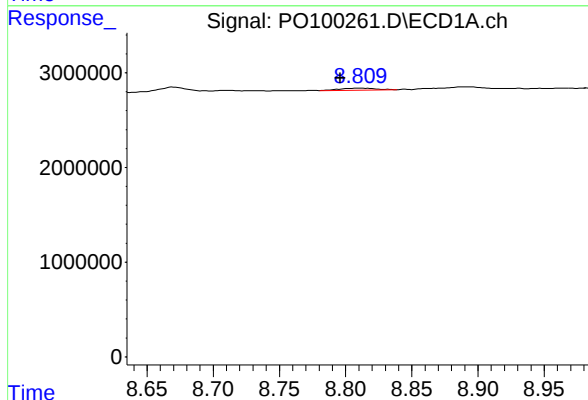
R.T.: 8.472 min
Delta R.T.: -0.001 min
Response: 647591
Conc: 7.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



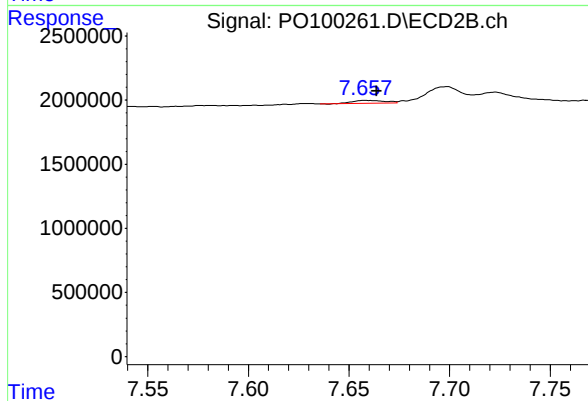
#37 AR-1262-2

R.T.: 7.132 min
Delta R.T.: -0.003 min
Response: 1187993
Conc: 15.75 ng/ml



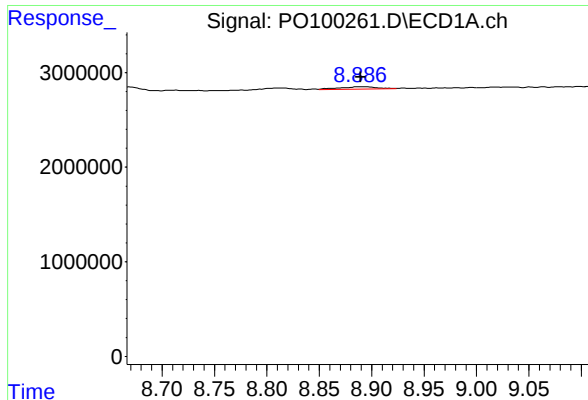
#38 AR-1262-3

R.T.: 8.810 min
Delta R.T.: 0.014 min
Response: 423492
Conc: 7.03 ng/ml



#38 AR-1262-3

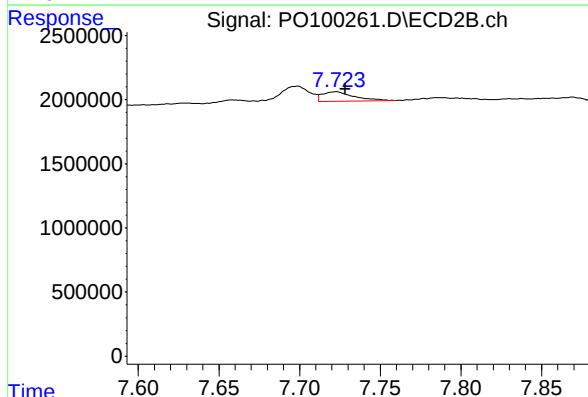
R.T.: 7.658 min
Delta R.T.: -0.006 min
Response: 255501
Conc: 4.39 ng/ml



#39 AR-1262-4

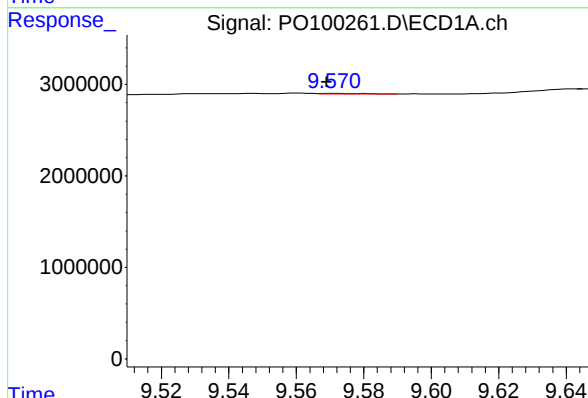
R.T.: 8.887 min
Delta R.T.: -0.002 min
Response: 611184
Conc: 12.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



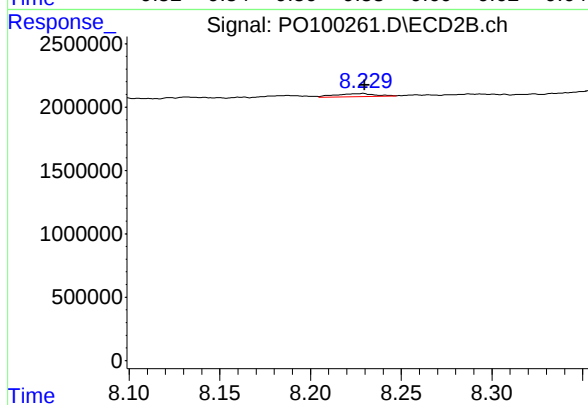
#39 AR-1262-4

R.T.: 7.722 min
Delta R.T.: -0.006 min
Response: 1023518
Conc: 9.96 ng/ml



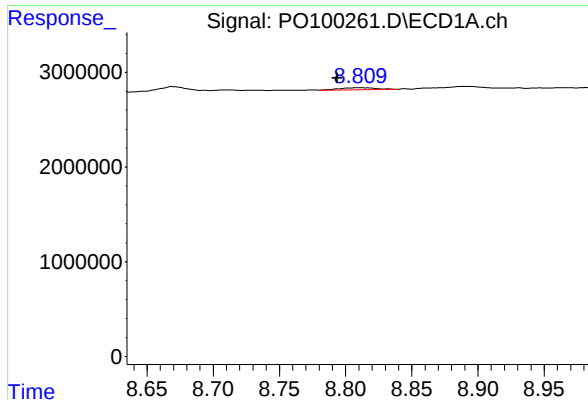
#40 AR-1262-5

R.T.: 9.572 min
Delta R.T.: 0.003 min
Response: 70351
Conc: 2.69 ng/ml



#40 AR-1262-5

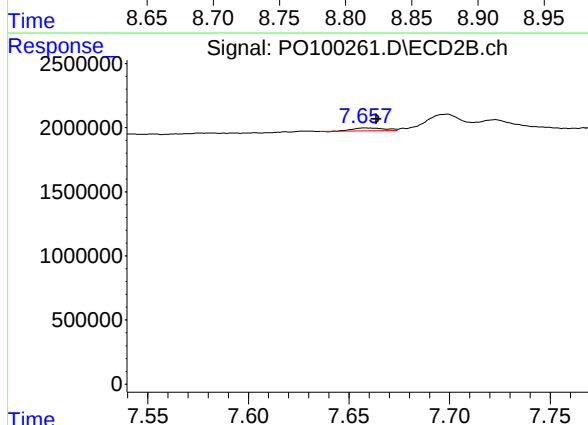
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 366799
Conc: 8.42 ng/ml



#41 AR-1268-1

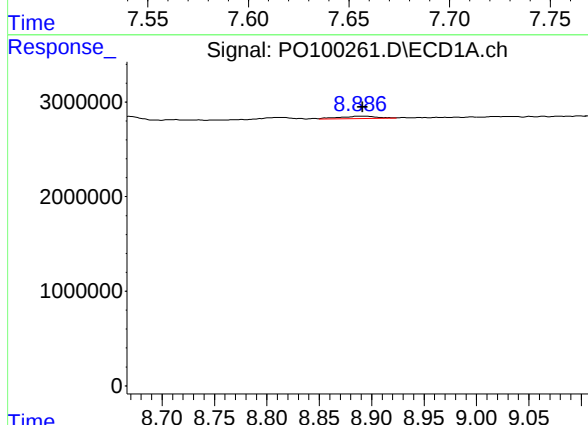
R.T.: 8.810 min
Delta R.T.: 0.016 min
Response: 423492
Conc: 3.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



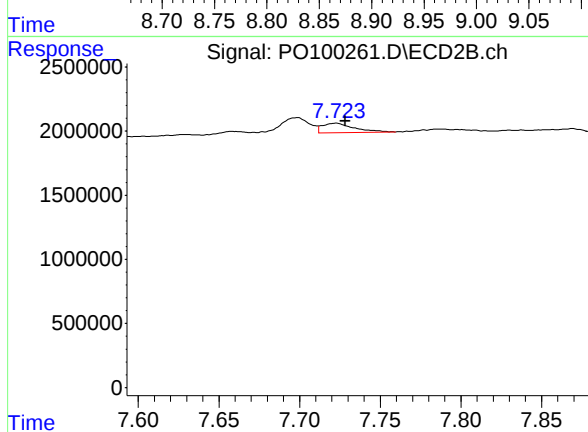
#41 AR-1268-1

R.T.: 7.658 min
Delta R.T.: -0.006 min
Response: 255501
Conc: 1.54 ng/ml



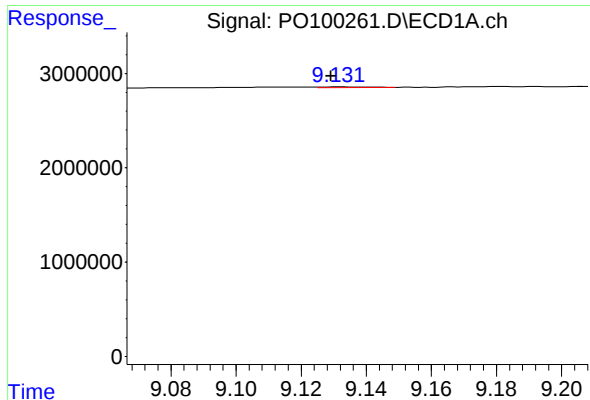
#42 AR-1268-2

R.T.: 8.887 min
Delta R.T.: -0.004 min
Response: 611184
Conc: 6.35 ng/ml



#42 AR-1268-2

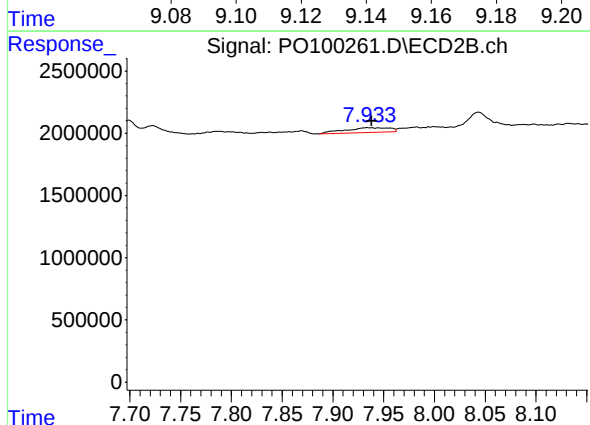
R.T.: 7.722 min
Delta R.T.: -0.006 min
Response: 1023518
Conc: 6.71 ng/ml



#43 AR-1268-3

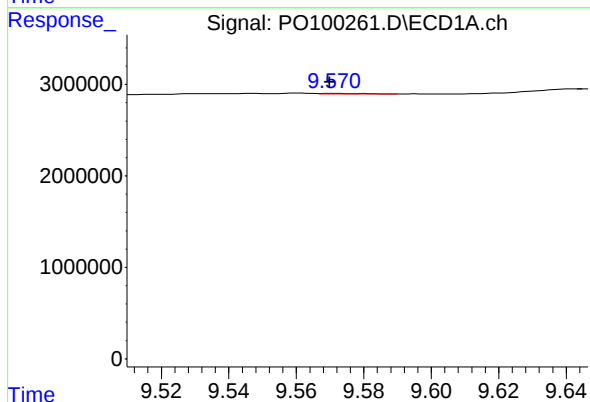
R.T.: 9.132 min
Delta R.T.: 0.003 min
Response: 70448
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



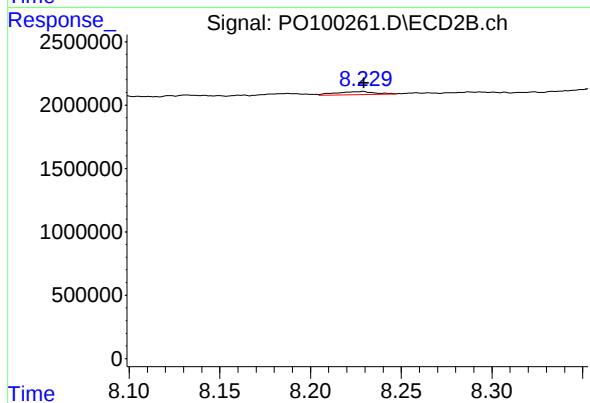
#43 AR-1268-3

R.T.: 7.934 min
Delta R.T.: -0.004 min
Response: 1200904
Conc: 8.38 ng/ml



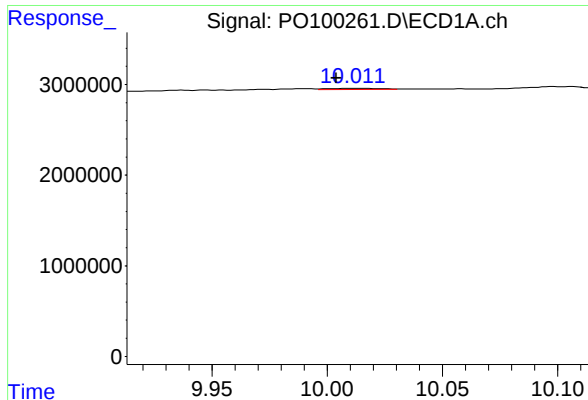
#44 AR-1268-4

R.T.: 9.572 min
Delta R.T.: 0.002 min
Response: 70351
Conc: 2.47 ng/ml



#44 AR-1268-4

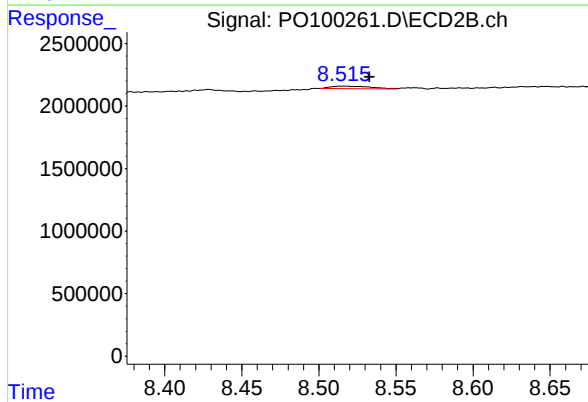
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 366799
Conc: 7.81 ng/ml



#45 AR-1268-5

R.T.: 10.012 min
Delta R.T.: 0.008 min
Response: 206737
Conc: 0.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.515 min
Delta R.T.: -0.018 min
Response: 342227
Conc: 0.86 ng/ml