

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080223\
 Data File : P0096610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2023 22:03
 Operator : YP/AJ
 Sample : 03862-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 02:09:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 28 01:38:03 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...	4.408	3.622	69342102	24109268	20.754	17.020
2) SA Decachlor...	10.228	8.644	39594335	21572088	17.896	18.339
Target Compounds						
3) L1 AR-1016-1	5.594	4.706	2811833	5729269	30.001	126.758 #
4) L1 AR-1016-2	5.632	4.706	3562711	5729269	26.703	91.208 #
5) L1 AR-1016-3	5.690	4.901	2217713	855905	26.707	25.071
6) L1 AR-1016-4	5.781	4.944	474470	2199955	6.985	75.364 #
7) L1 AR-1016-5	6.065	5.222f	885961	1430216	12.374	37.625 #
8) L2 AR-1221-1	4.665f	3.825	52388	1078557	1.273	57.549 #
9) L2 AR-1221-2	4.718	3.922	4600973	2222612	153.061	156.935
10) L2 AR-1221-3	4.796	4.041f	2414298	13238351	27.486	319.727 #
11) L3 AR-1232-1	4.796	4.041f	2414298	13238351	33.567	389.655 #
12) L3 AR-1232-2	5.325	4.706	10268563	5729269	261.506	195.362 #
13) L3 AR-1232-3	5.632	4.901	3562711	855905	58.458	54.913
14) L3 AR-1232-4	5.781	5.007	474470	1925200	15.635	126.701 #
15) L3 AR-1232-5	5.873	5.222f	-797289	1430216	N.D.	85.862 #
16) L4 AR-1242-1	5.594	4.706	2811833	5729269	34.696	146.236 #
17) L4 AR-1242-2	5.632	4.706	3562711	5729269	31.138	106.558 #
18) L4 AR-1242-3	5.690	4.901	2217713	855905	31.151	29.115
19) L4 AR-1242-4	5.781	5.007	474470	1925200	8.213	61.422 #
20) L4 AR-1242-5	6.529	5.514	2518878	2023101	45.430	56.077
21) L5 AR-1248-1	5.594	4.706	2811833	5729269	48.963	205.083 #
22) L5 AR-1248-2	5.873	4.944	-797289	2199955	N.D.	52.180 #
23) L5 AR-1248-3	6.065	5.007	885961	1925200	8.992	43.816 #
24) L5 AR-1248-4	6.490	5.222f	1835018	1430216	19.767	27.896 #
25) L5 AR-1248-5	6.529	5.566	2518878	1925963	27.276	41.032 #
26) L6 AR-1254-1	6.446	5.514	968689	2023101	9.160	27.532 #
27) L6 AR-1254-2	6.673	5.662	7611618	1663656	49.060	25.489 #
28) L6 AR-1254-3	7.046	6.084	9554395	2737339	62.602	27.128 #
29) L6 AR-1254-4	7.329	6.289	640891	1406547	6.557	23.578 #
30) L6 AR-1254-5	7.774	6.713	3953112	4377880	35.875	50.431 #
31) L7 AR-1260-1	7.205	6.196	11581021	4408486	89.005	60.496 #
32) L7 AR-1260-2	7.456	6.398	3519820	6180170	25.692	71.462 #
33) L7 AR-1260-3	7.751	6.539	2714907	2120860	17.757	26.500 #
34) L7 AR-1260-4	8.057	7.011	839108	1595674	6.891	24.436 #
35) L7 AR-1260-5	8.378	7.255	3210194	3668960	14.597	25.891 #
36) L8 AR-1262-1	7.829	6.813	2291054	2123055	15.517	54.040 #
37) L8 AR-1262-2	8.378	7.011	3210194	1595674	14.079	19.555 #
38) L8 AR-1262-3	8.707	7.539	3233478	1732792	19.451	27.083 #
39) L8 AR-1262-4	8.789	7.604	1343624	3049367	10.390	26.920 #
40) L8 AR-1262-5	9.490	8.100	49832	508180	0.584	9.764 #
41) L9 AR-1268-1	8.707	7.539	3233478	1732792	10.631	9.285

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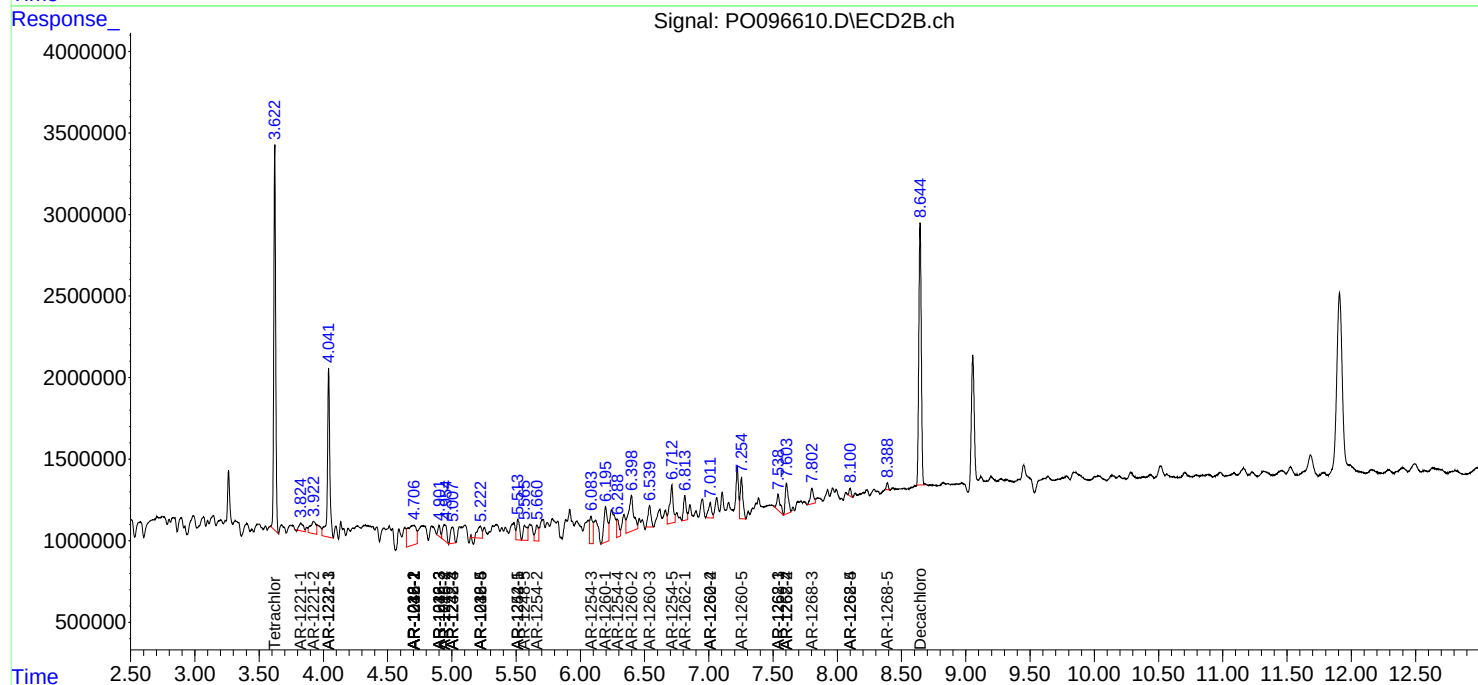
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

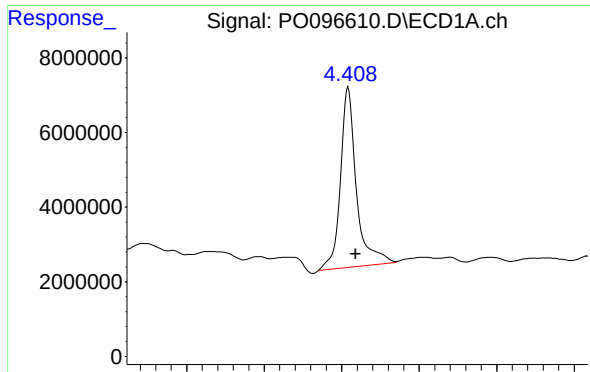
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.789	7.604	1343624	3049367	5.020	18.124 #
43) L9	AR-1268-3	9.015	7.802	391329	1625512	1.563	11.089 #
44) L9	AR-1268-4	9.490	8.100	49832	508180	0.538	8.546 #
45) L9	AR-1268-5	9.879	8.389	1104666	422016	1.385	0.978 #

(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

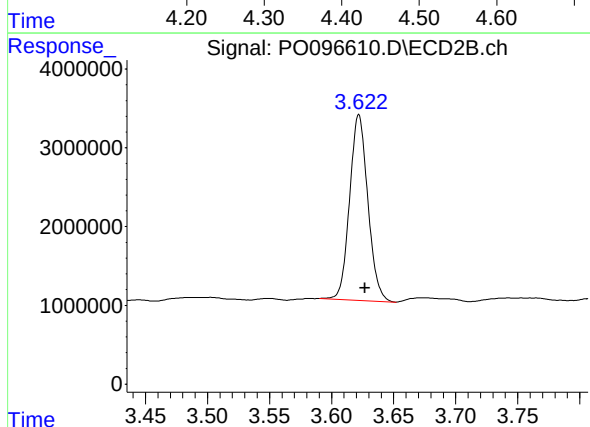




#1 Tetrachloro-m-xylene

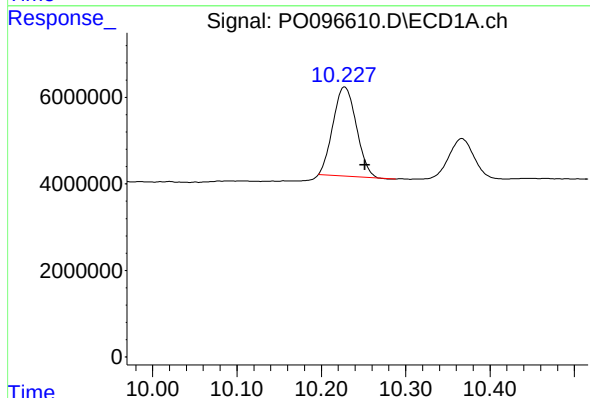
R.T.: 4.408 min
Delta R.T.: -0.010 min
Response: 69342102
Conc: 20.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



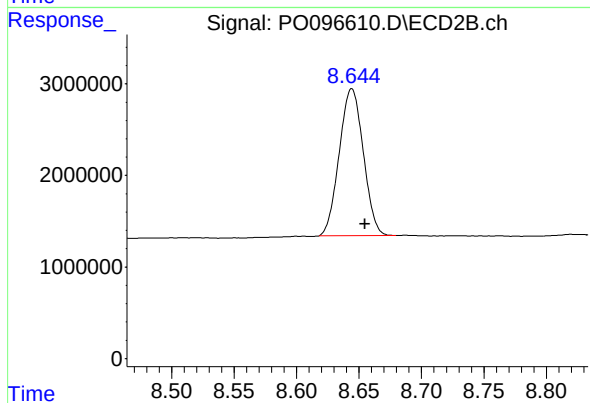
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: -0.005 min
Response: 24109268
Conc: 17.02 ng/ml



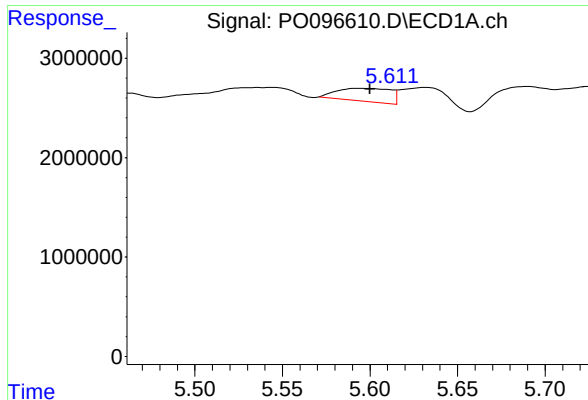
#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.024 min
Response: 39594335
Conc: 17.90 ng/ml



#2 Decachlorobiphenyl

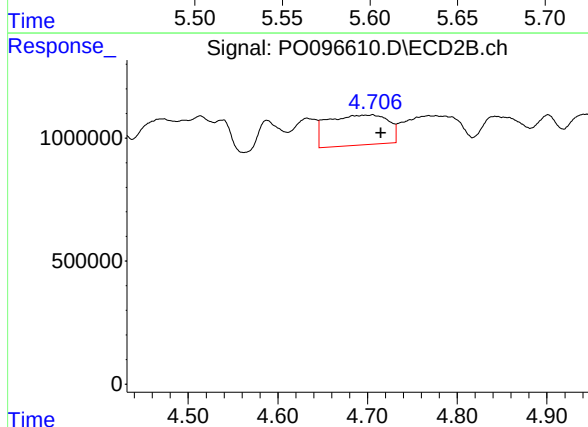
R.T.: 8.644 min
Delta R.T.: -0.010 min
Response: 21572088
Conc: 18.34 ng/ml



#3 AR-1016-1

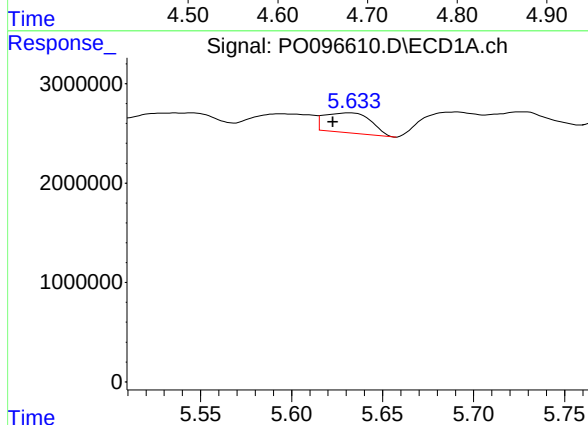
R.T.: 5.594 min
Delta R.T.: -0.006 min
Response: 2811833
Conc: 30.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



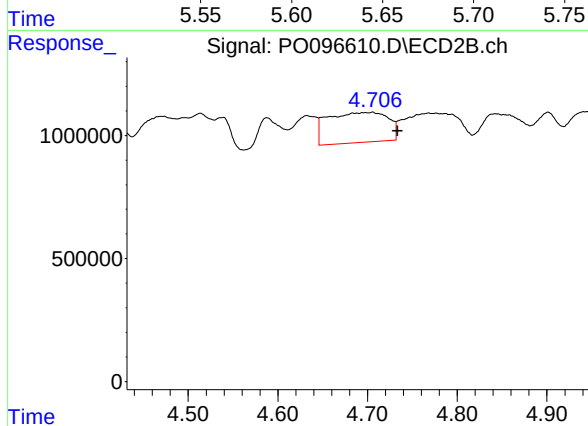
#3 AR-1016-1

R.T.: 4.706 min
Delta R.T.: -0.009 min
Response: 5729269
Conc: 126.76 ng/ml



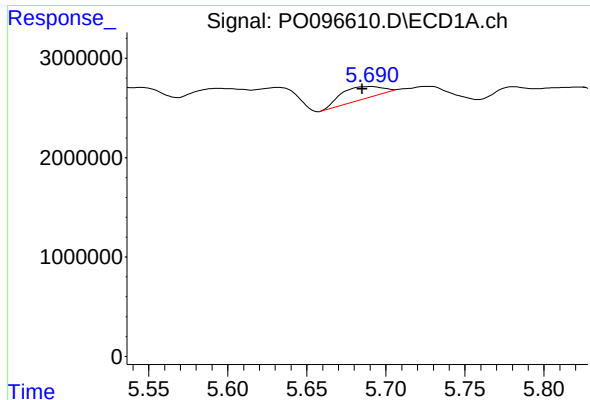
#4 AR-1016-2

R.T.: 5.632 min
Delta R.T.: 0.009 min
Response: 3562711
Conc: 26.70 ng/ml



#4 AR-1016-2

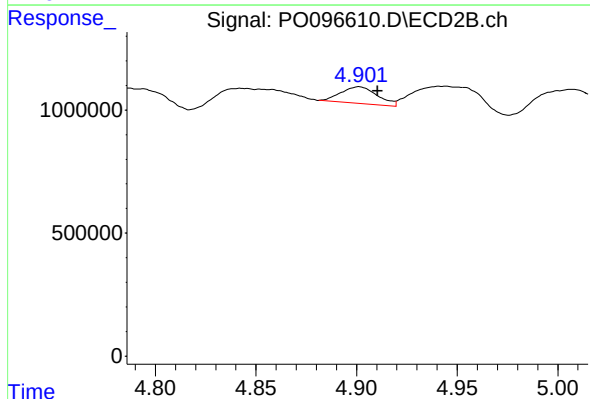
R.T.: 4.706 min
Delta R.T.: -0.028 min
Response: 5729269
Conc: 91.21 ng/ml



#5 AR-1016-3

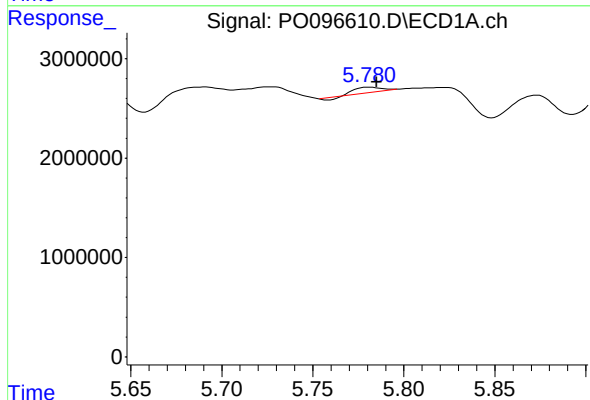
R.T.: 5.690 min
Delta R.T.: 0.005 min
Response: 2217713
Conc: 26.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



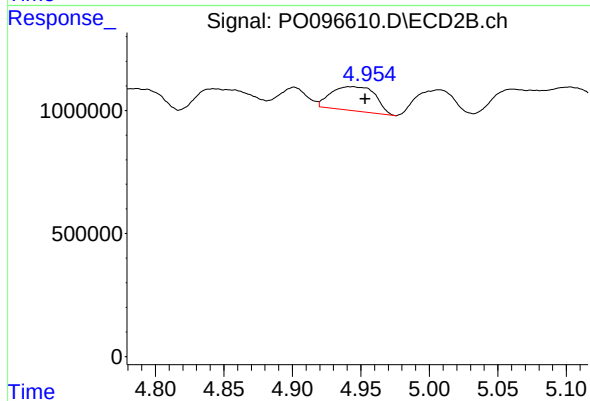
#5 AR-1016-3

R.T.: 4.901 min
Delta R.T.: -0.009 min
Response: 855905
Conc: 25.07 ng/ml



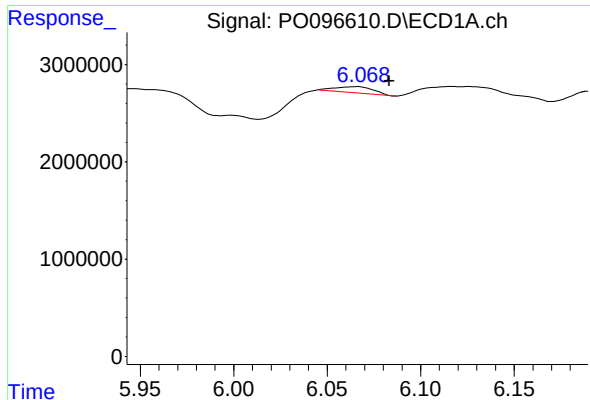
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 474470
Conc: 6.98 ng/ml



#6 AR-1016-4

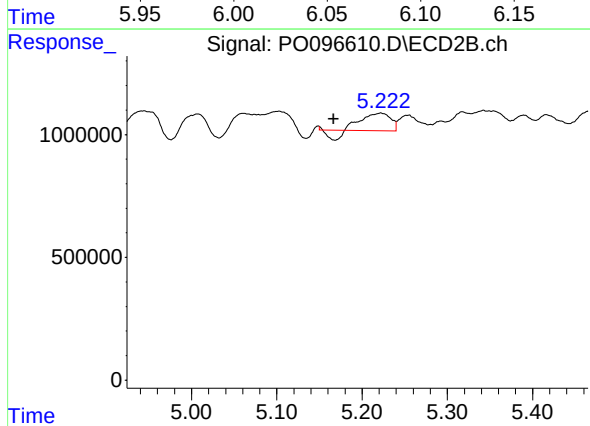
R.T.: 4.944 min
Delta R.T.: -0.009 min
Response: 2199955
Conc: 75.36 ng/ml



#7 AR-1016-5

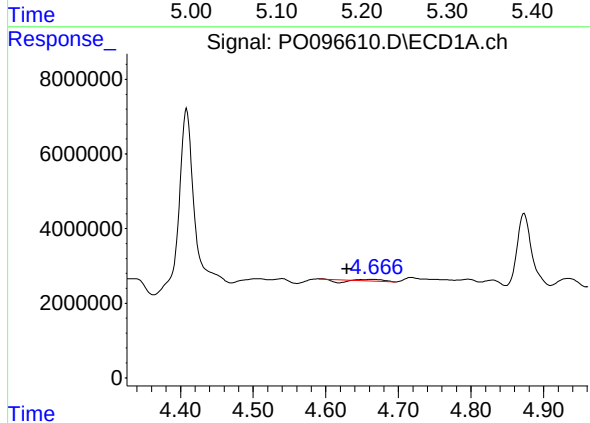
R.T.: 6.065 min
Delta R.T.: -0.018 min
Response: 885961
Conc: 12.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



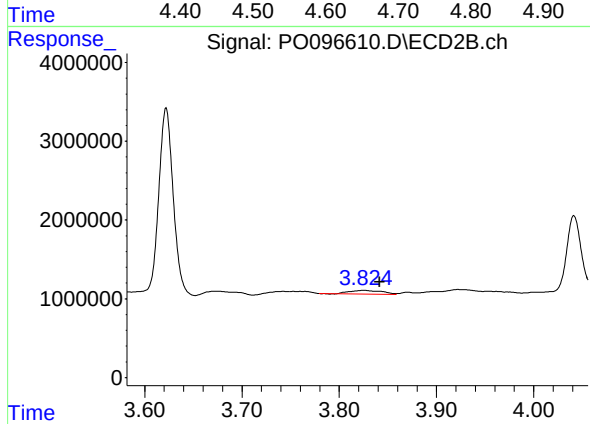
#7 AR-1016-5

R.T.: 5.222 min
Delta R.T.: 0.055 min
Response: 1430216
Conc: 37.62 ng/ml



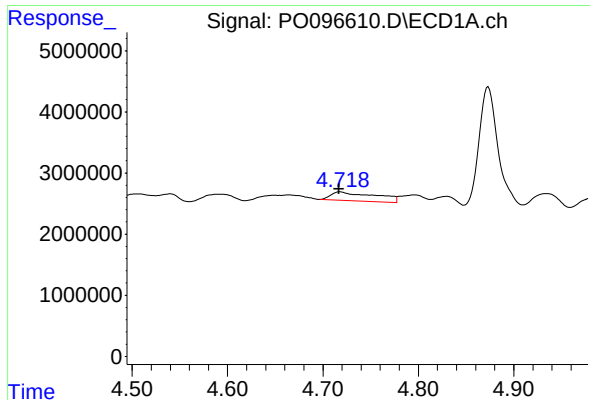
#8 AR-1221-1

R.T.: 4.665 min
Delta R.T.: 0.036 min
Response: 52388
Conc: 1.27 ng/ml



#8 AR-1221-1

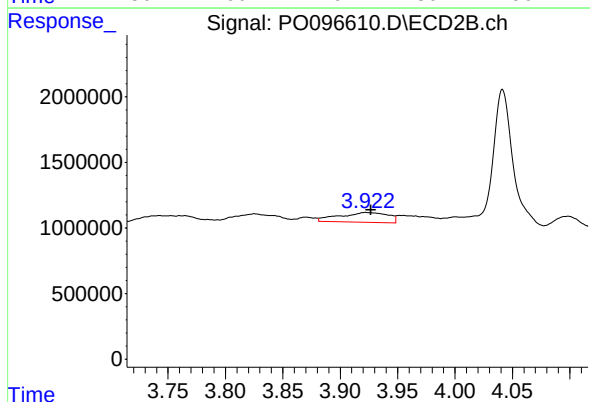
R.T.: 3.825 min
Delta R.T.: -0.016 min
Response: 1078557
Conc: 57.55 ng/ml



#9 AR-1221-2

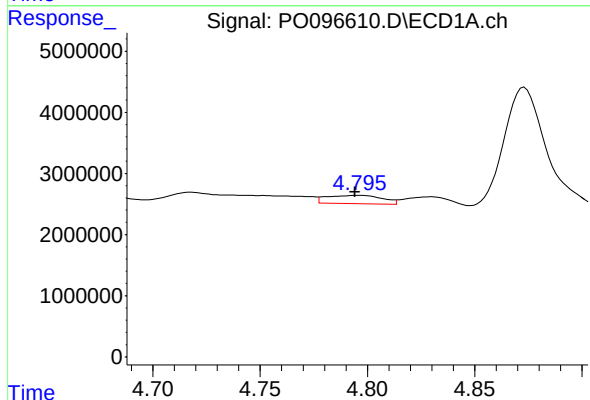
R.T.: 4.718 min
Delta R.T.: 0.001 min
Response: 4600973
Conc: 153.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



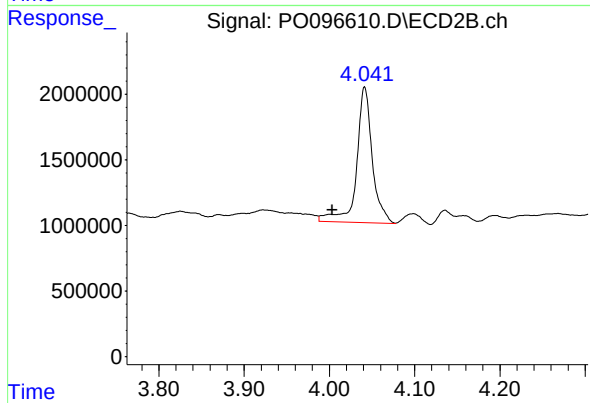
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.004 min
Response: 2222612
Conc: 156.94 ng/ml



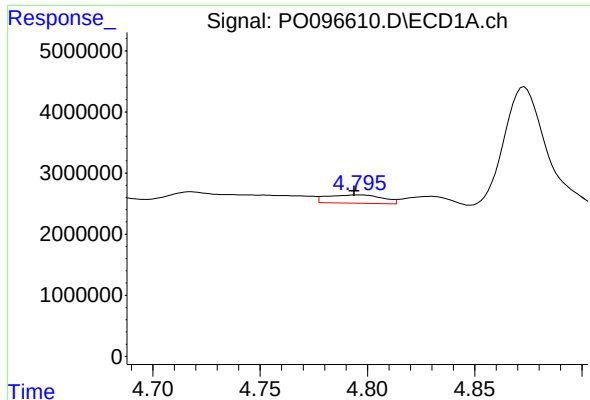
#10 AR-1221-3

R.T.: 4.796 min
Delta R.T.: 0.002 min
Response: 2414298
Conc: 27.49 ng/ml



#10 AR-1221-3

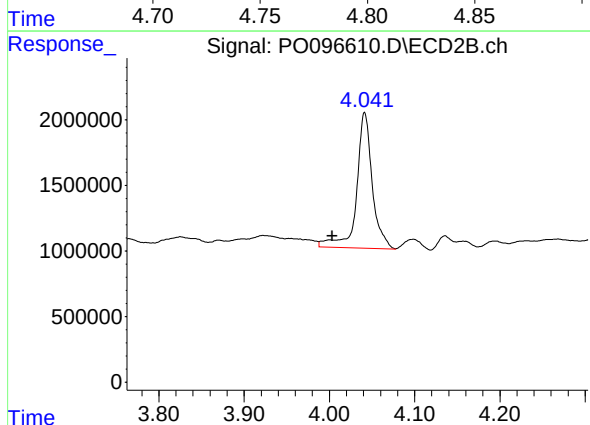
R.T.: 4.041 min
Delta R.T.: 0.038 min
Response: 13238351
Conc: 319.73 ng/ml



#11 AR-1232-1

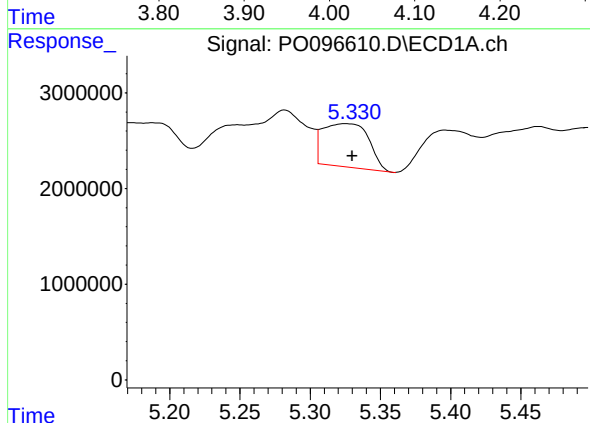
R.T.: 4.796 min
Delta R.T.: 0.002 min
Response: 2414298
Conc: 33.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



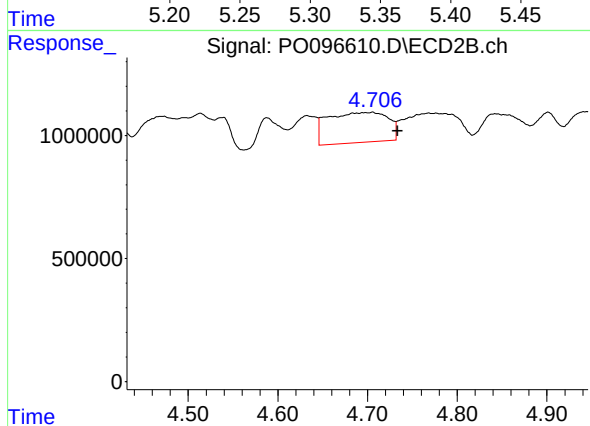
#11 AR-1232-1

R.T.: 4.041 min
Delta R.T.: 0.038 min
Response: 13238351
Conc: 389.65 ng/ml



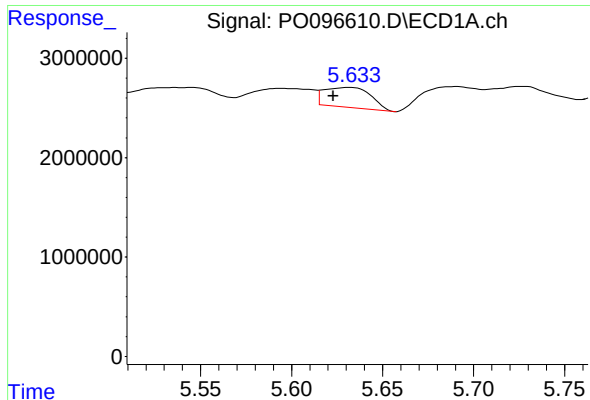
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: -0.005 min
Response: 10268563
Conc: 261.51 ng/ml



#12 AR-1232-2

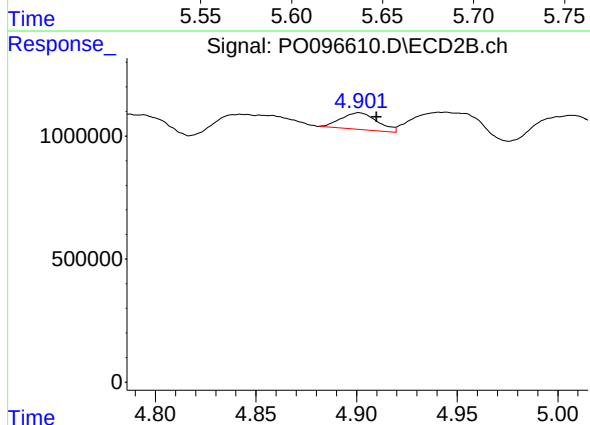
R.T.: 4.706 min
Delta R.T.: -0.028 min
Response: 5729269
Conc: 195.36 ng/ml



#13 AR-1232-3

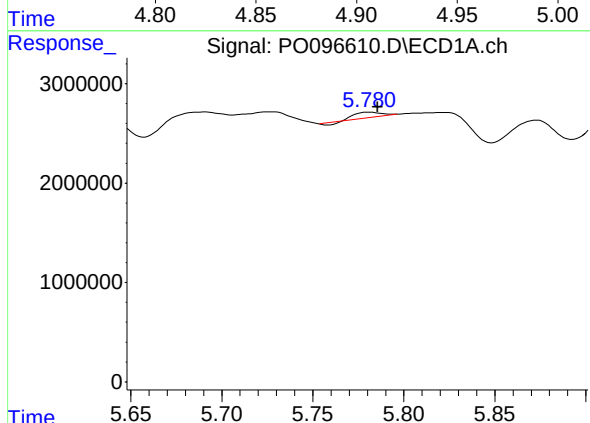
R.T.: 5.632 min
Delta R.T.: 0.009 min
Response: 3562711
Conc: 58.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



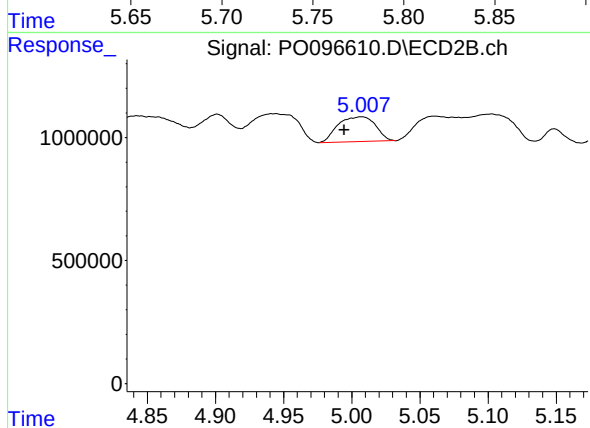
#13 AR-1232-3

R.T.: 4.901 min
Delta R.T.: -0.009 min
Response: 855905
Conc: 54.91 ng/ml



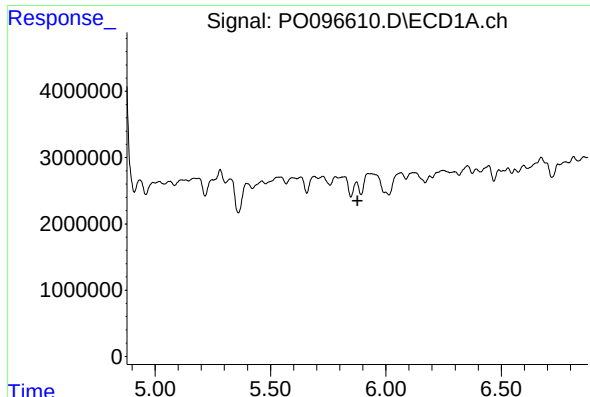
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 474470
Conc: 15.64 ng/ml



#14 AR-1232-4

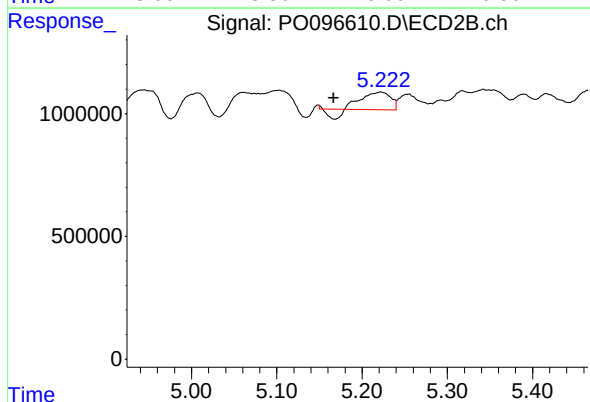
R.T.: 5.007 min
Delta R.T.: 0.013 min
Response: 1925200
Conc: 126.70 ng/ml



#15 AR-1232-5

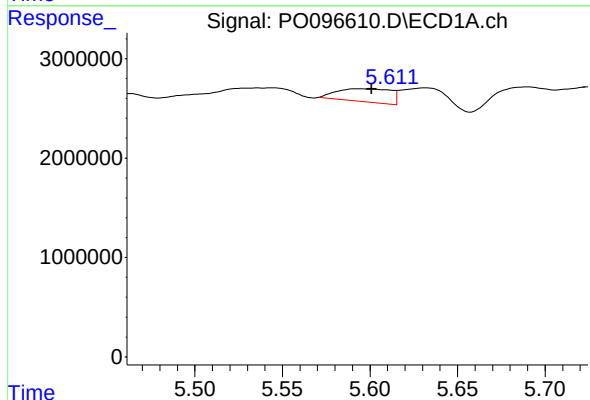
R.T.: 5.873 min
Delta R.T.: -0.005 min
Response: -797289
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



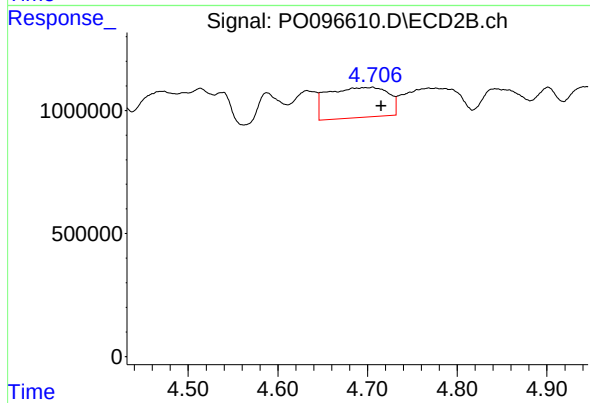
#15 AR-1232-5

R.T.: 5.222 min
Delta R.T.: 0.056 min
Response: 1430216
Conc: 85.86 ng/ml



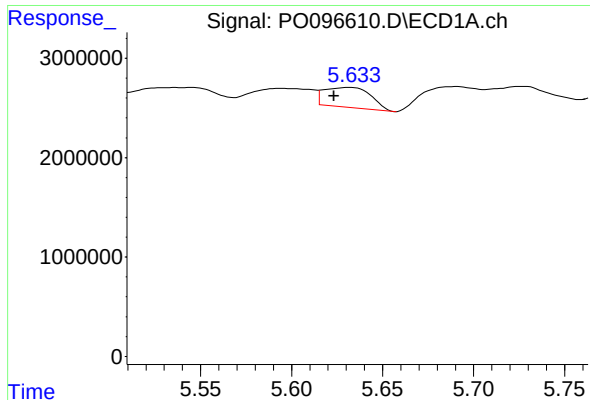
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: -0.007 min
Response: 2811833
Conc: 34.70 ng/ml



#16 AR-1242-1

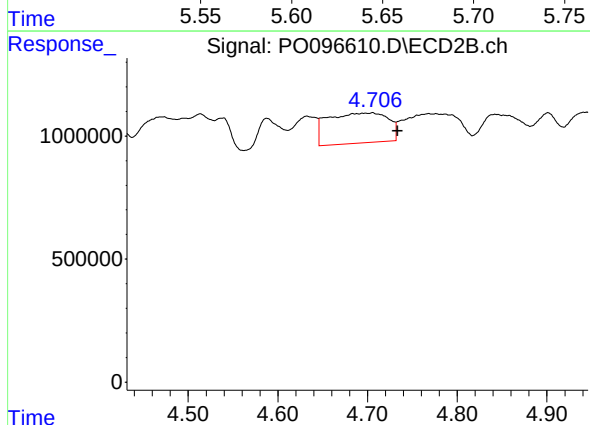
R.T.: 4.706 min
Delta R.T.: -0.009 min
Response: 5729269
Conc: 146.24 ng/ml



#17 AR-1242-2

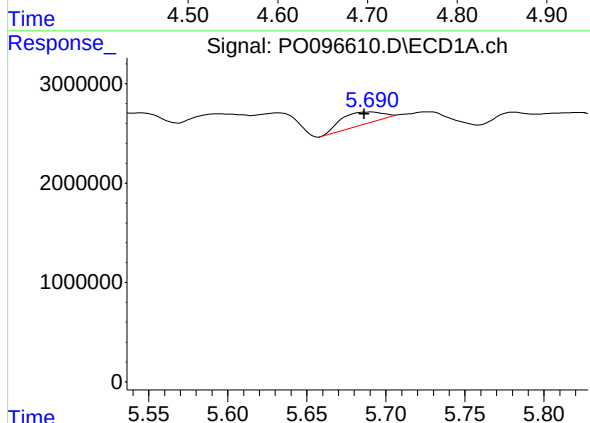
R.T.: 5.632 min
Delta R.T.: 0.008 min
Response: 3562711
Conc: 31.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



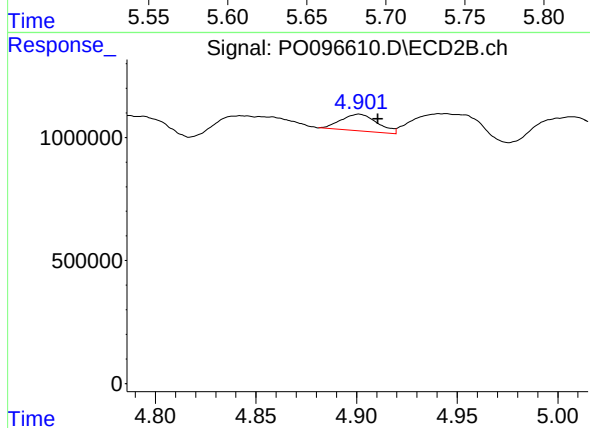
#17 AR-1242-2

R.T.: 4.706 min
Delta R.T.: -0.028 min
Response: 5729269
Conc: 106.56 ng/ml



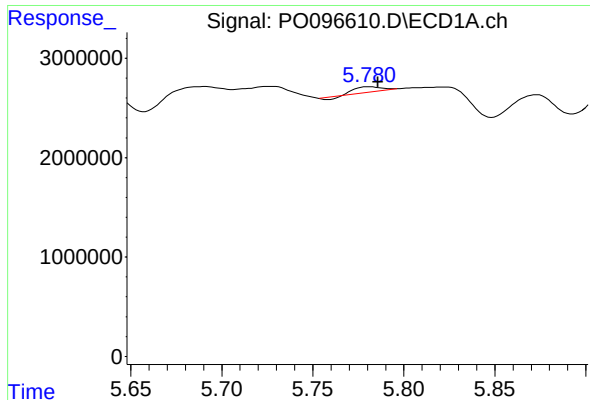
#18 AR-1242-3

R.T.: 5.690 min
Delta R.T.: 0.004 min
Response: 2217713
Conc: 31.15 ng/ml



#18 AR-1242-3

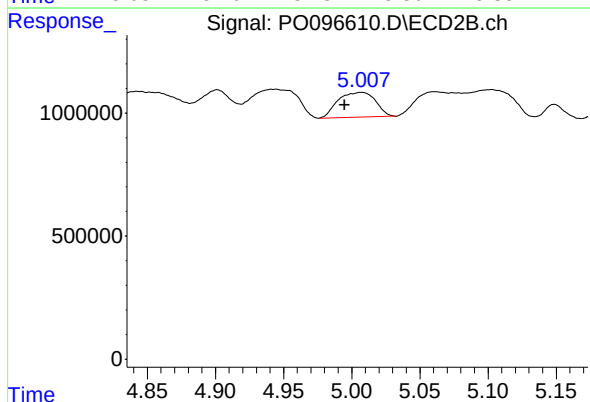
R.T.: 4.901 min
Delta R.T.: -0.009 min
Response: 855905
Conc: 29.12 ng/ml



#19 AR-1242-4

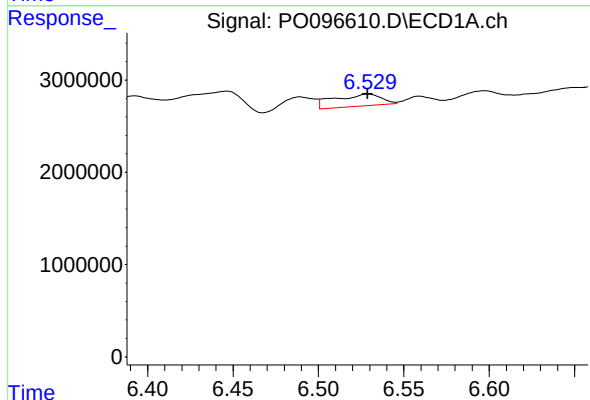
R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 474470
Conc: 8.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



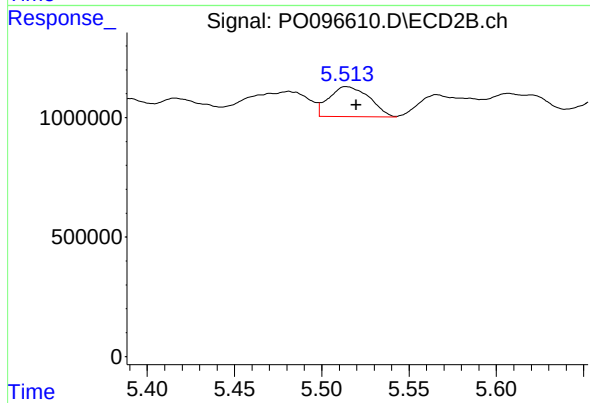
#19 AR-1242-4

R.T.: 5.007 min
Delta R.T.: 0.012 min
Response: 1925200
Conc: 61.42 ng/ml



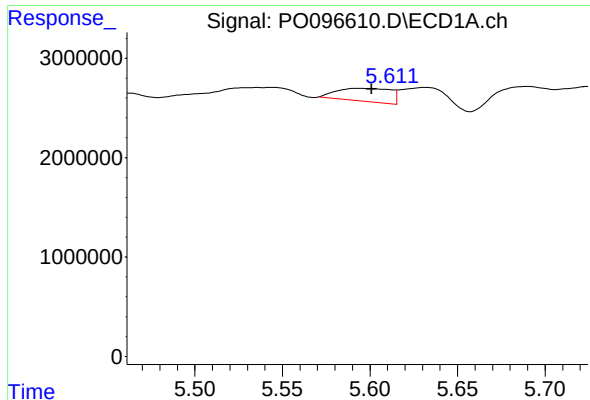
#20 AR-1242-5

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 2518878
Conc: 45.43 ng/ml



#20 AR-1242-5

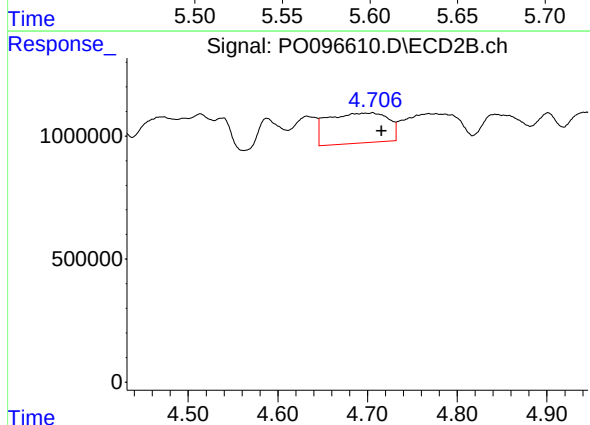
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 2023101
Conc: 56.08 ng/ml



#21 AR-1248-1

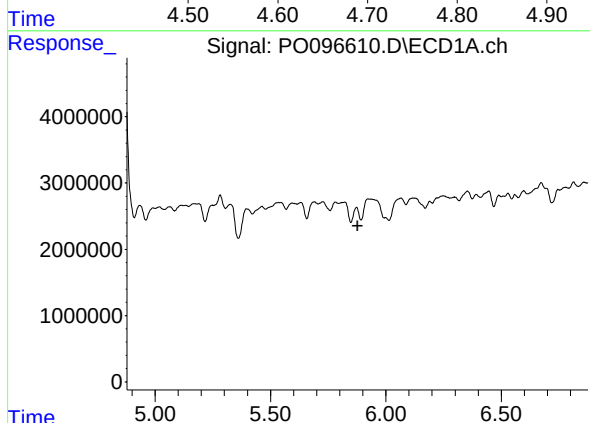
R.T.: 5.594 min
Delta R.T.: -0.007 min
Response: 2811833
Conc: 48.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



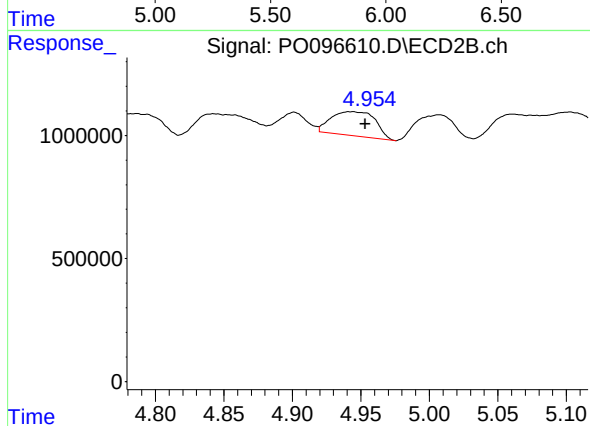
#21 AR-1248-1

R.T.: 4.706 min
Delta R.T.: -0.010 min
Response: 5729269
Conc: 205.08 ng/ml



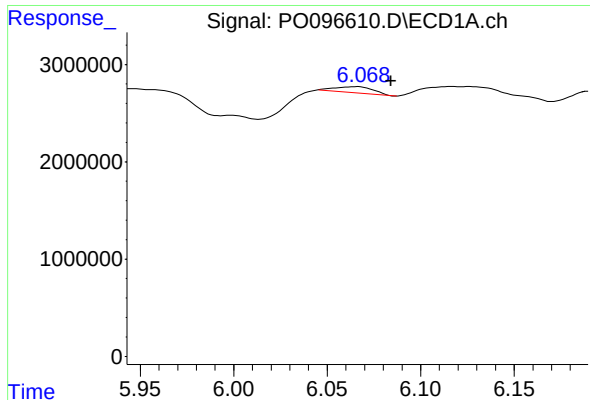
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: -0.004 min
Response: -797289
Conc: N.D.



#22 AR-1248-2

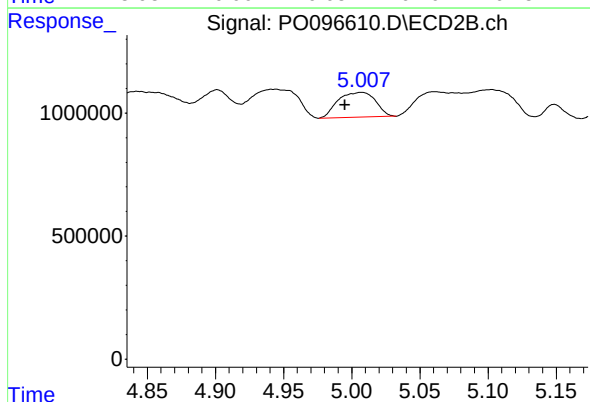
R.T.: 4.944 min
Delta R.T.: -0.009 min
Response: 2199955
Conc: 52.18 ng/ml



#23 AR-1248-3

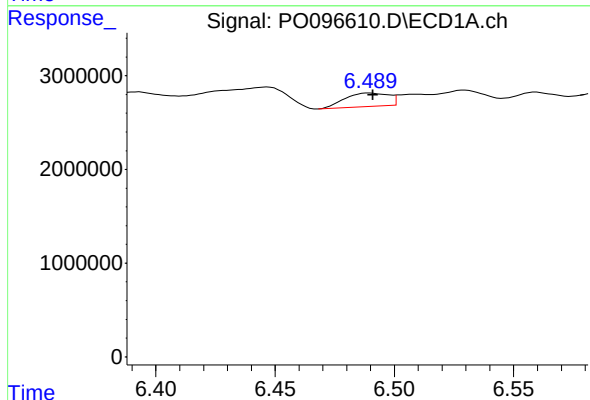
R.T.: 6.065 min
Delta R.T.: -0.019 min
Response: 885961
Conc: 8.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



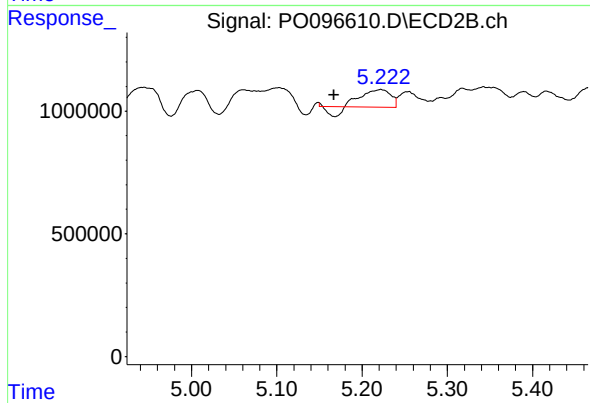
#23 AR-1248-3

R.T.: 5.007 min
Delta R.T.: 0.012 min
Response: 1925200
Conc: 43.82 ng/ml



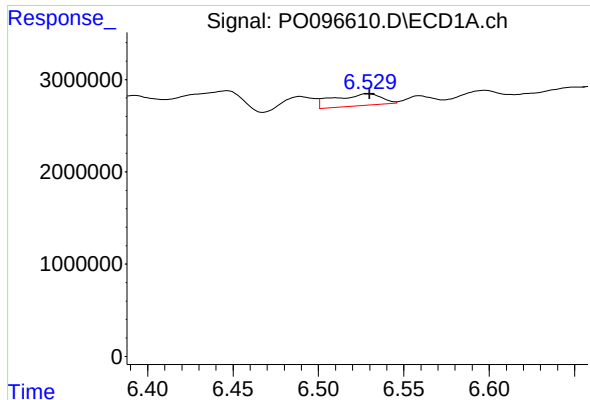
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: -0.001 min
Response: 1835018
Conc: 19.77 ng/ml



#24 AR-1248-4

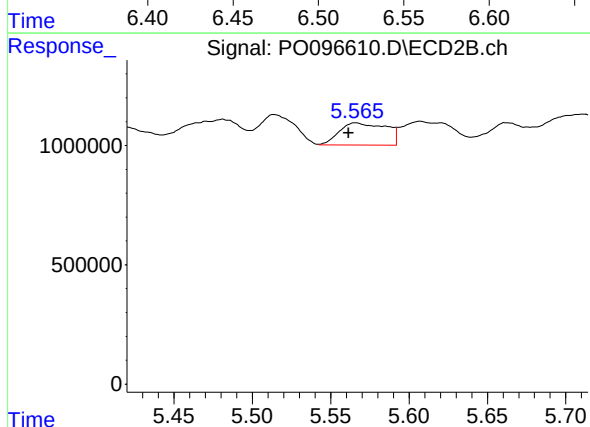
R.T.: 5.222 min
Delta R.T.: 0.055 min
Response: 1430216
Conc: 27.90 ng/ml



#25 AR-1248-5

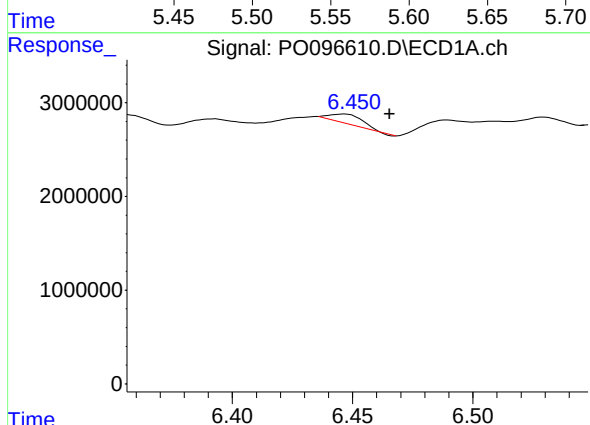
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 2518878
Conc: 27.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



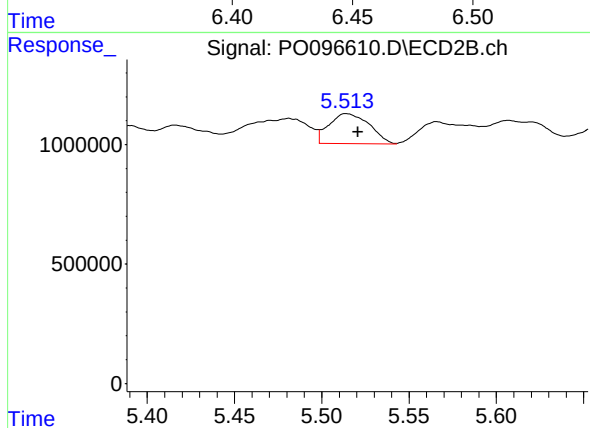
#25 AR-1248-5

R.T.: 5.566 min
Delta R.T.: 0.005 min
Response: 1925963
Conc: 41.03 ng/ml



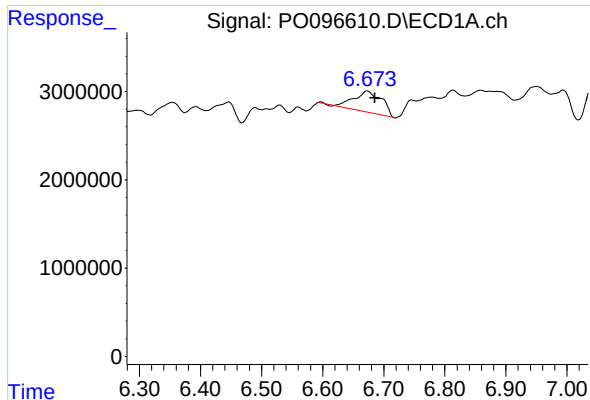
#26 AR-1254-1

R.T.: 6.446 min
Delta R.T.: -0.019 min
Response: 968689
Conc: 9.16 ng/ml



#26 AR-1254-1

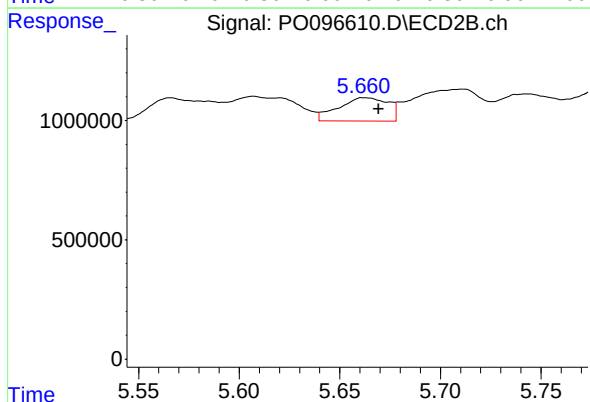
R.T.: 5.514 min
Delta R.T.: -0.007 min
Response: 2023101
Conc: 27.53 ng/ml



#27 AR-1254-2

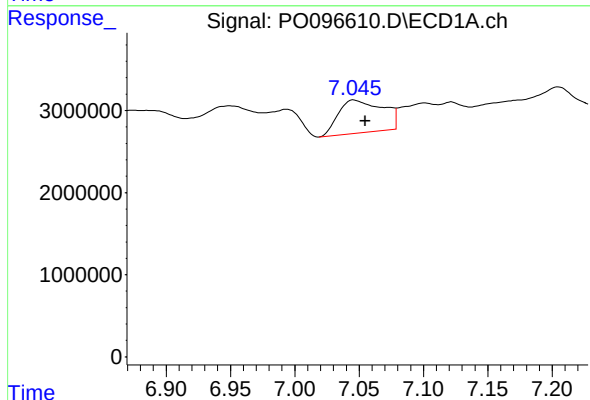
R.T.: 6.673 min
Delta R.T.: -0.013 min
Response: 7611618
Conc: 49.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



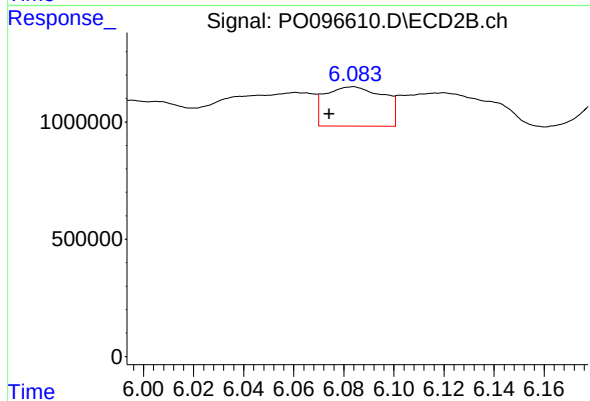
#27 AR-1254-2

R.T.: 5.662 min
Delta R.T.: -0.007 min
Response: 1663656
Conc: 25.49 ng/ml



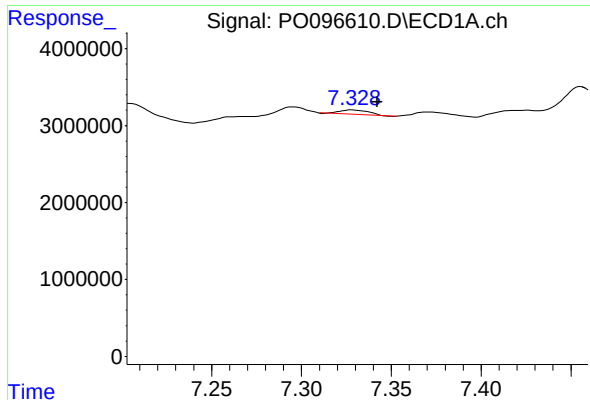
#28 AR-1254-3

R.T.: 7.046 min
Delta R.T.: -0.008 min
Response: 9554395
Conc: 62.60 ng/ml



#28 AR-1254-3

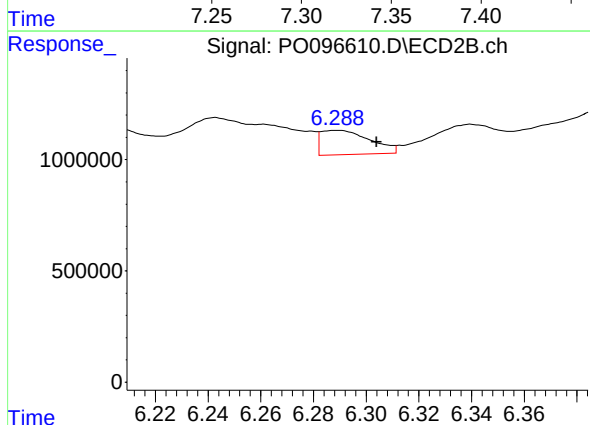
R.T.: 6.084 min
Delta R.T.: 0.009 min
Response: 2737339
Conc: 27.13 ng/ml



#29 AR-1254-4

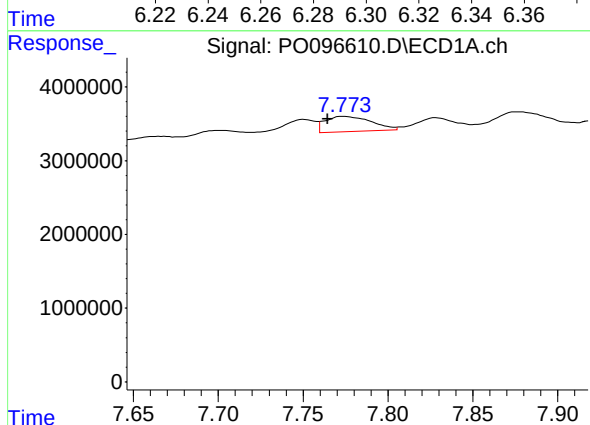
R.T.: 7.329 min
Delta R.T.: -0.014 min
Response: 640891
Conc: 6.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



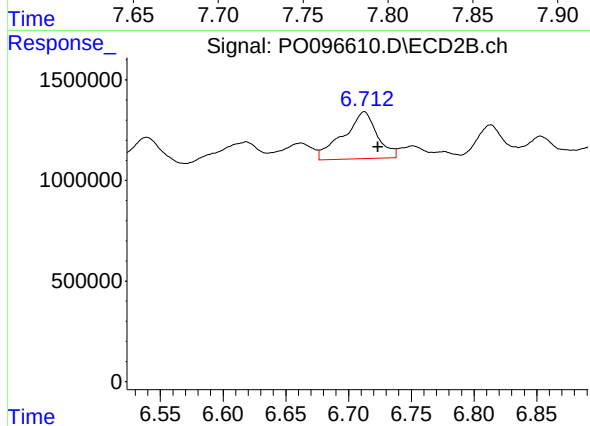
#29 AR-1254-4

R.T.: 6.289 min
Delta R.T.: -0.015 min
Response: 1406547
Conc: 23.58 ng/ml



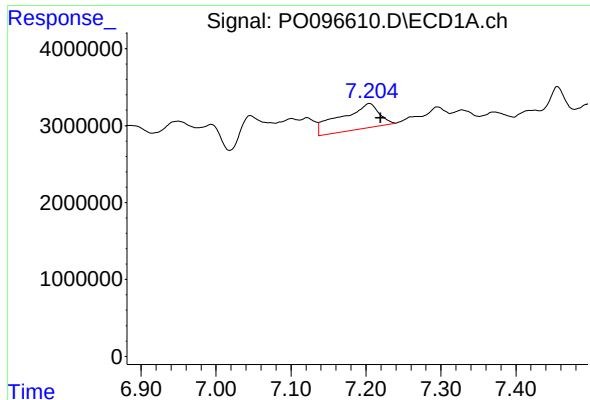
#30 AR-1254-5

R.T.: 7.774 min
Delta R.T.: 0.009 min
Response: 3953112
Conc: 35.88 ng/ml



#30 AR-1254-5

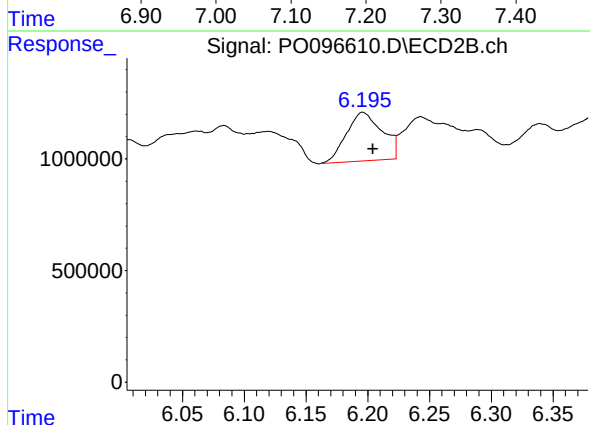
R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 4377880
Conc: 50.43 ng/ml



#31 AR-1260-1

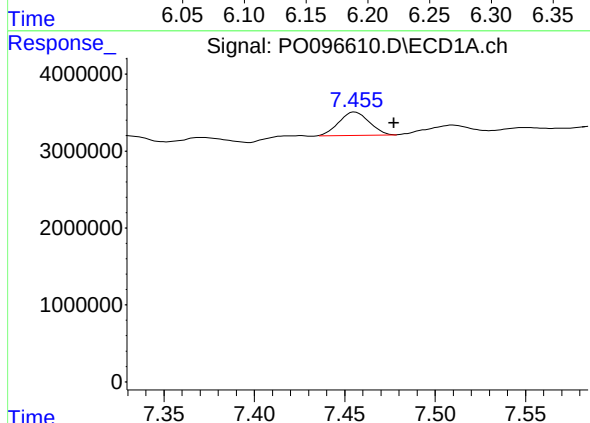
R.T.: 7.205 min
Delta R.T.: -0.015 min
Response: 11581021
Conc: 89.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



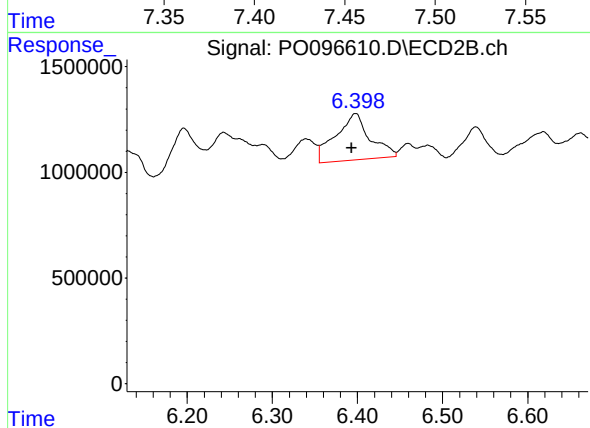
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 4408486
Conc: 60.50 ng/ml



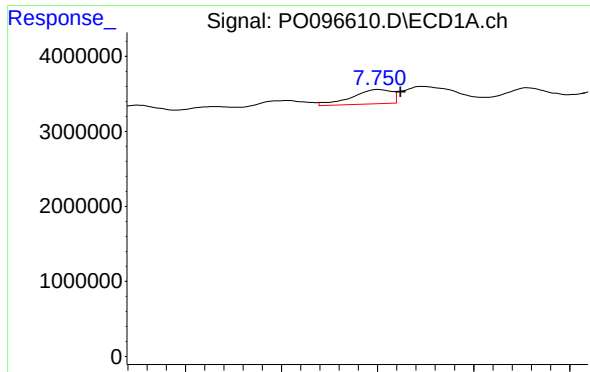
#32 AR-1260-2

R.T.: 7.456 min
Delta R.T.: -0.022 min
Response: 3519820
Conc: 25.69 ng/ml



#32 AR-1260-2

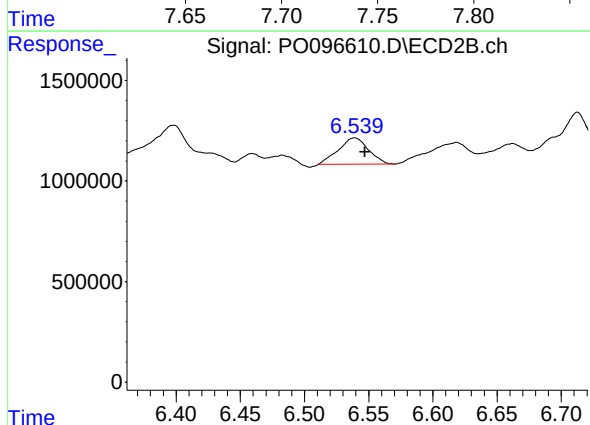
R.T.: 6.398 min
Delta R.T.: 0.004 min
Response: 6180170
Conc: 71.46 ng/ml



#33 AR-1260-3

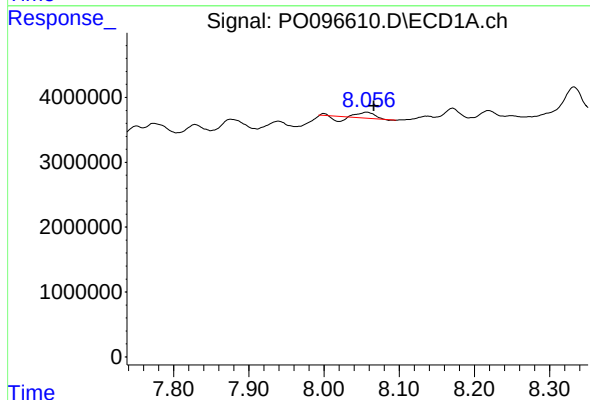
R.T.: 7.751 min
Delta R.T.: -0.011 min
Response: 2714907
Conc: 17.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



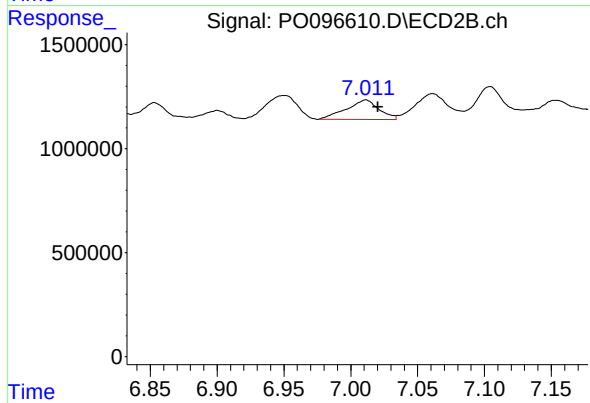
#33 AR-1260-3

R.T.: 6.539 min
Delta R.T.: -0.008 min
Response: 2120860
Conc: 26.50 ng/ml



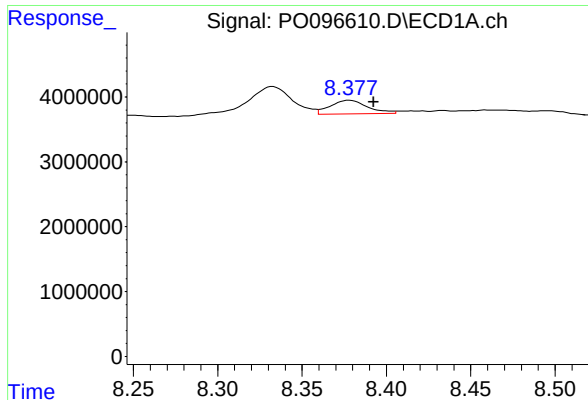
#34 AR-1260-4

R.T.: 8.057 min
Delta R.T.: -0.010 min
Response: 839108
Conc: 6.89 ng/ml



#34 AR-1260-4

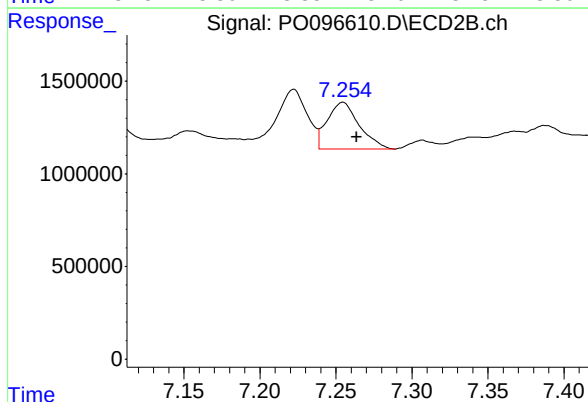
R.T.: 7.011 min
Delta R.T.: -0.009 min
Response: 1595674
Conc: 24.44 ng/ml



#35 AR-1260-5

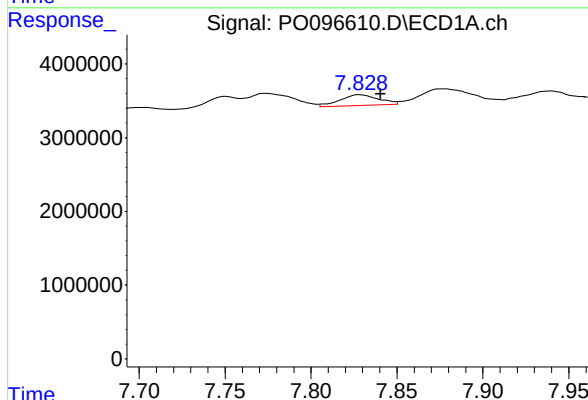
R.T.: 8.378 min
Delta R.T.: -0.014 min
Response: 3210194
Conc: 14.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



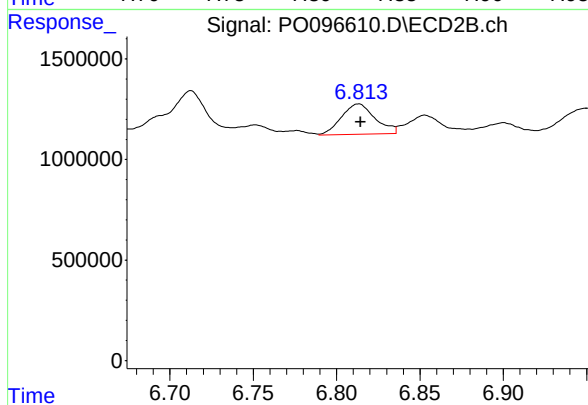
#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: -0.009 min
Response: 3668960
Conc: 25.89 ng/ml



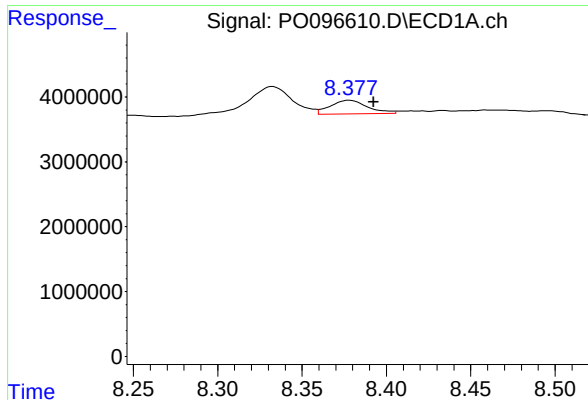
#36 AR-1262-1

R.T.: 7.829 min
Delta R.T.: -0.012 min
Response: 2291054
Conc: 15.52 ng/ml



#36 AR-1262-1

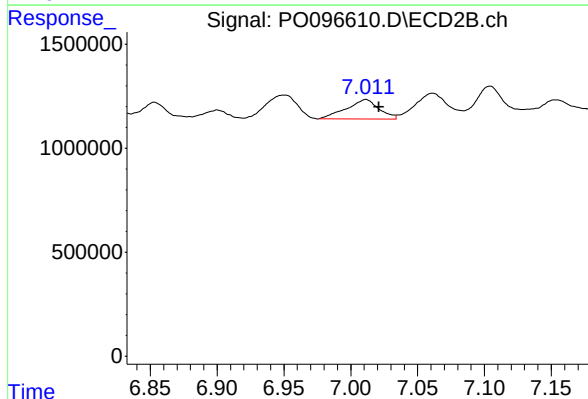
R.T.: 6.813 min
Delta R.T.: -0.001 min
Response: 2123055
Conc: 54.04 ng/ml



#37 AR-1262-2

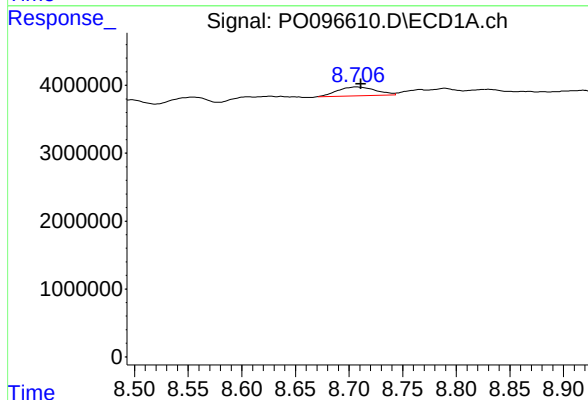
R.T.: 8.378 min
Delta R.T.: -0.014 min
Response: 3210194
Conc: 14.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



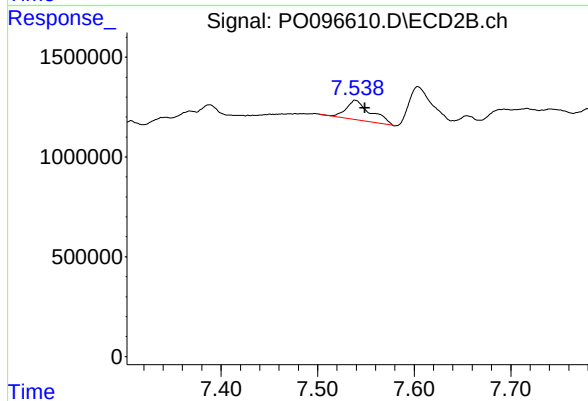
#37 AR-1262-2

R.T.: 7.011 min
Delta R.T.: -0.010 min
Response: 1595674
Conc: 19.55 ng/ml



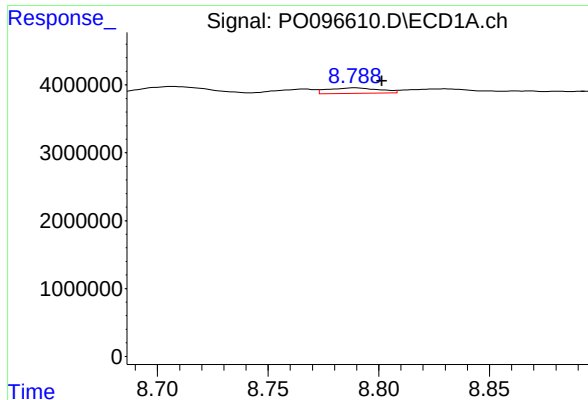
#38 AR-1262-3

R.T.: 8.707 min
Delta R.T.: -0.004 min
Response: 3233478
Conc: 19.45 ng/ml



#38 AR-1262-3

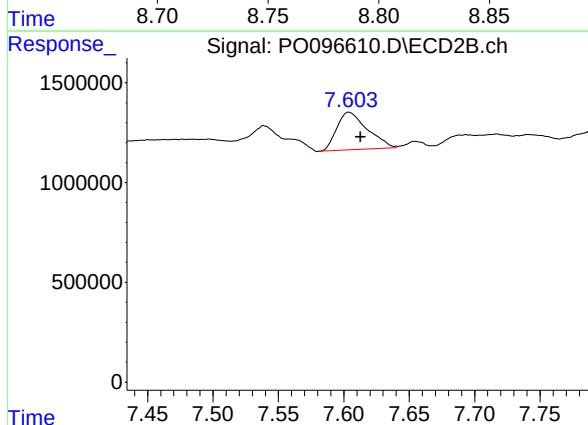
R.T.: 7.539 min
Delta R.T.: -0.010 min
Response: 1732792
Conc: 27.08 ng/ml



#39 AR-1262-4

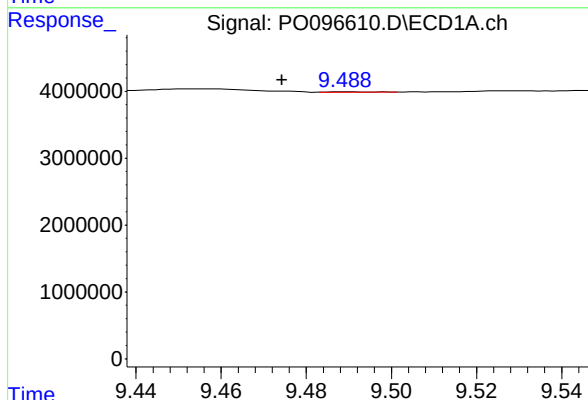
R.T.: 8.789 min
Delta R.T.: -0.012 min
Response: 1343624
Conc: 10.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



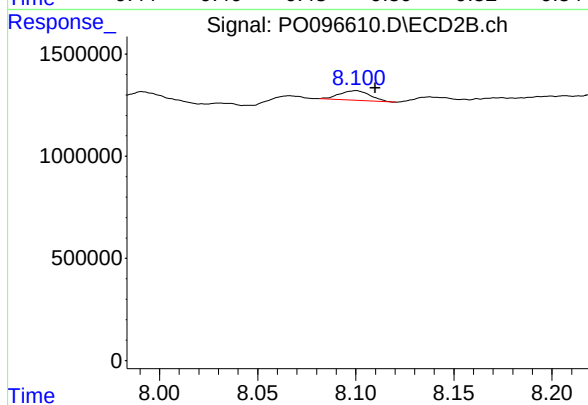
#39 AR-1262-4

R.T.: 7.604 min
Delta R.T.: -0.009 min
Response: 3049367
Conc: 26.92 ng/ml



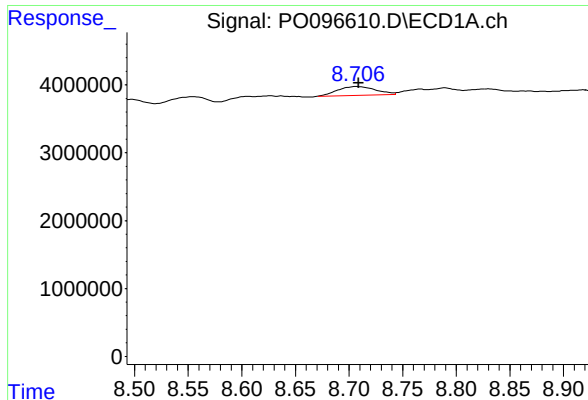
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: 0.016 min
Response: 49832
Conc: 0.58 ng/ml



#40 AR-1262-5

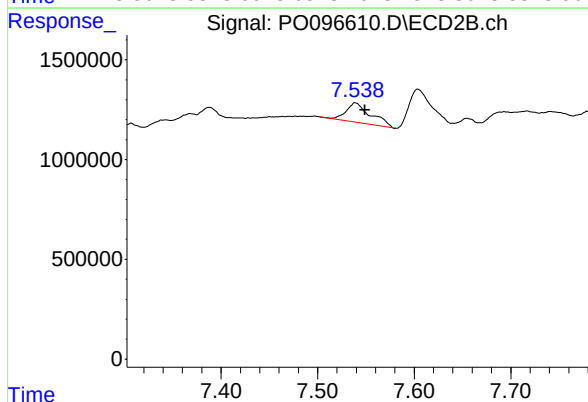
R.T.: 8.100 min
Delta R.T.: -0.010 min
Response: 508180
Conc: 9.76 ng/ml



#41 AR-1268-1

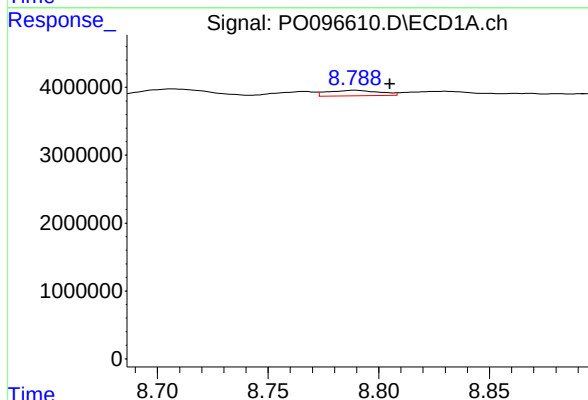
R.T.: 8.707 min
Delta R.T.: -0.002 min
Response: 3233478
Conc: 10.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



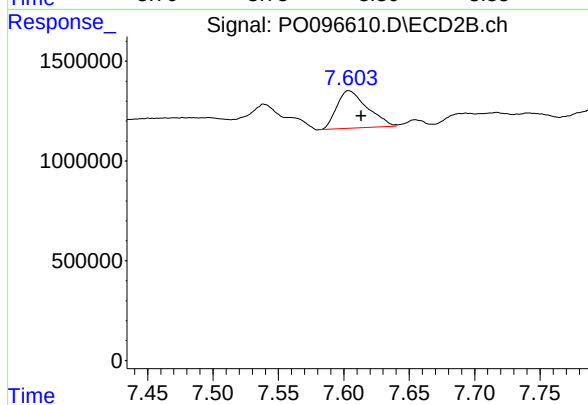
#41 AR-1268-1

R.T.: 7.539 min
Delta R.T.: -0.010 min
Response: 1732792
Conc: 9.29 ng/ml



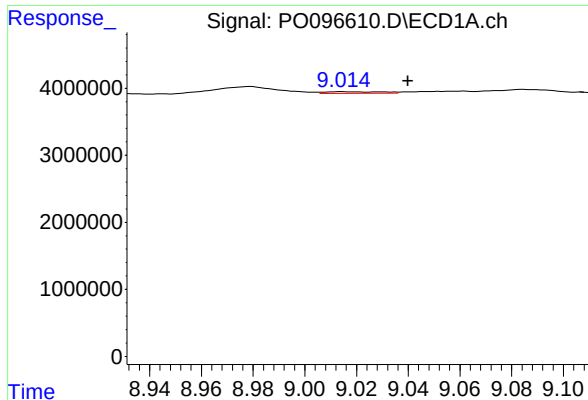
#42 AR-1268-2

R.T.: 8.789 min
Delta R.T.: -0.016 min
Response: 1343624
Conc: 5.02 ng/ml



#42 AR-1268-2

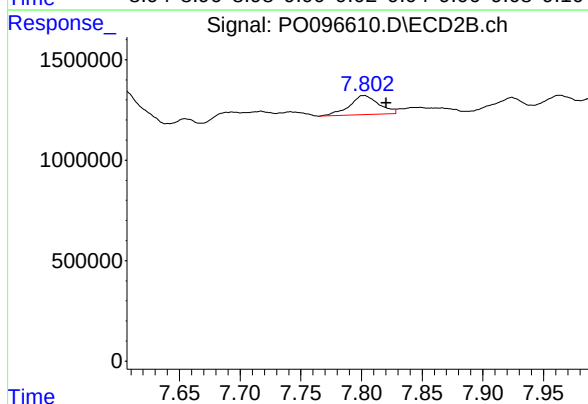
R.T.: 7.604 min
Delta R.T.: -0.009 min
Response: 3049367
Conc: 18.12 ng/ml



#43 AR-1268-3

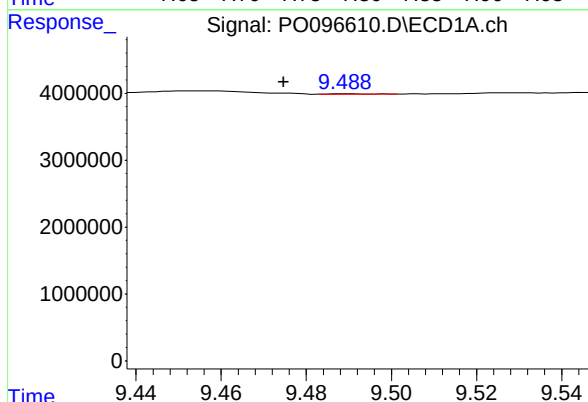
R.T.: 9.015 min
Delta R.T.: -0.025 min
Response: 391329
Conc: 1.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



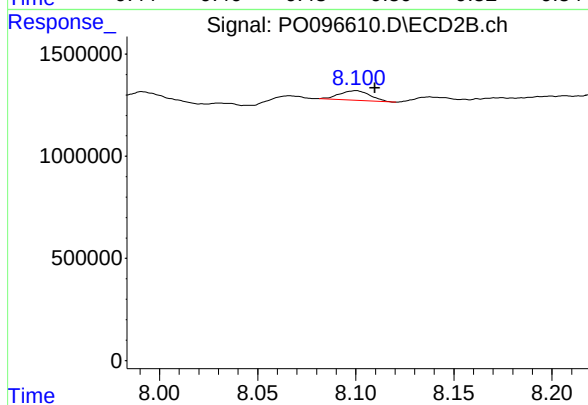
#43 AR-1268-3

R.T.: 7.802 min
Delta R.T.: -0.019 min
Response: 1625512
Conc: 11.09 ng/ml



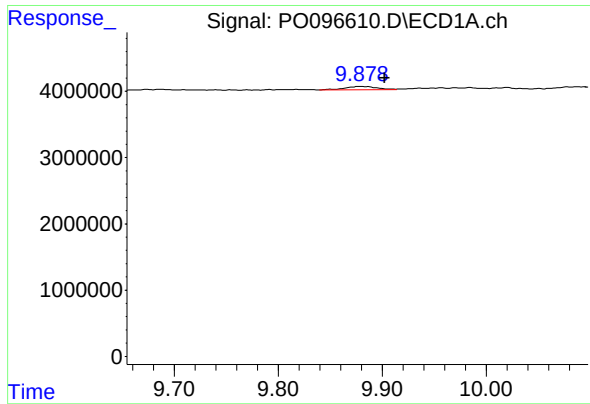
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: 0.015 min
Response: 49832
Conc: 0.54 ng/ml



#44 AR-1268-4

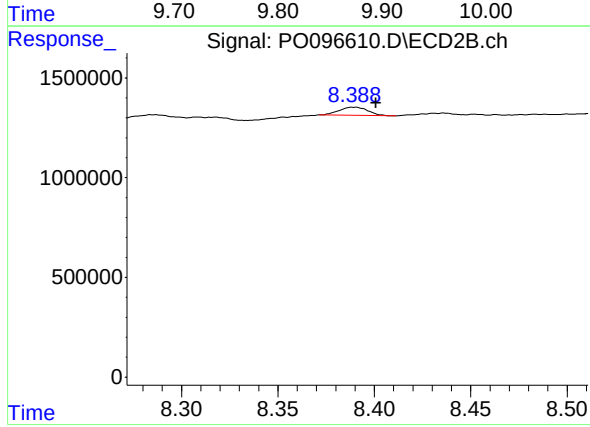
R.T.: 8.100 min
Delta R.T.: -0.010 min
Response: 508180
Conc: 8.55 ng/ml



#45 AR-1268-5

R.T.: 9.879 min
Delta R.T.: -0.023 min
Response: 1104666
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.389 min
Delta R.T.: -0.011 min
Response: 422016
Conc: 0.98 ng/ml