

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112023\
 Data File : P0099958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2023 11:58
 Operator : YP/AJ
 Sample : 05425-05
 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: Nov 21 00:17:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 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...	4.487	3.714	35483975	25690018	20.749	21.749
2) SA Decachlor...	10.365	8.808	18230736	18389032	19.526	18.735
Target Compounds						
3) L1 AR-1016-1	5.689	4.813	46928	77456	1.061	2.908 #
4) L1 AR-1016-2	5.701	4.813	85837	77456	1.257	2.089 #
5) L1 AR-1016-3	5.782	5.019	36756	54472	0.804	2.759 #
6) L1 AR-1016-4	5.865	5.060	18657	62347	0.540	3.699 #
7) L1 AR-1016-5	6.167	5.295	33960	41888	1.018	2.100 #
8) L2 AR-1221-1	4.697	3.938	132220	50731	6.297	3.360 #
9) L2 AR-1221-2	4.798	4.019	620641	460811	40.406	43.609
10) L2 AR-1221-3	4.866	4.106	15813	42147	0.351	1.383 #
11) L3 AR-1232-1	4.866	4.106	15813	42147	0.428	1.645 #
12) L3 AR-1232-2	5.400	4.813	18713	77456	1.016	4.348 #
13) L3 AR-1232-3	5.701	5.019	85837	54472	2.719	5.942 #
14) L3 AR-1232-4	5.865	5.112	18657	94782	1.220	11.117 #
15) L3 AR-1232-5	5.950	5.295	51450	41888	4.003	4.565
16) L4 AR-1242-1	5.689	4.813	46928	77456	1.281	3.372 #
17) L4 AR-1242-2	5.701	4.813	85837	77456	1.515	2.466 #
18) L4 AR-1242-3	5.782	5.019	36756	54472	0.970	3.255 #
19) L4 AR-1242-4	5.865	5.112	18657	94782	0.651	5.485 #
20) L4 AR-1242-5	6.609	5.633	78475	89905	3.193	4.519 #
21) L5 AR-1248-1	5.689	4.813	46928	77456	1.746	4.427 #
22) L5 AR-1248-2	5.950	5.060	51450	62347	1.211	2.594 #
23) L5 AR-1248-3	6.167	5.112	33960	94782	0.738	3.836 #
24) L5 AR-1248-4	6.572	5.295	18534	41888	0.447	1.484 #
25) L5 AR-1248-5	6.609	5.692	78475	292811	1.925	11.522 #
26) L6 AR-1254-1	6.543	5.633	87446	89905	1.806	2.171
27) L6 AR-1254-2	6.768	5.784	64388	41883	0.912	1.103
28) L6 AR-1254-3	7.131	6.189	360719	150903	5.314	2.334 #
29) L6 AR-1254-4	7.441	6.432	37955	18339	0.957	0.535 #
30) L6 AR-1254-5	7.850	6.864	103550	52446	2.109	0.855 #
31) L7 AR-1260-1	7.302	6.326	33339	169691	0.597	3.525 #
32) L7 AR-1260-2	7.560	6.496	53285	325339	0.883	5.737 #
33) L7 AR-1260-3	7.931	6.666	32420	37990	0.776	0.687
34) L7 AR-1260-4	8.161	7.162	68945	56100	1.400	1.273
35) L7 AR-1260-5	8.476	7.388	40356	56648	0.481	0.570
36) L8 AR-1262-1	7.850	6.841	103550	18762	2.311	0.577 #
37) L8 AR-1262-2	8.476	7.162	40356	56100	0.392	0.858 #
38) L8 AR-1262-3	8.814	7.702	28758	42307	0.392	0.823 #
39) L8 AR-1262-4	8.900	7.746	30547	44100	0.527	0.495
40) L8 AR-1262-5	9.595	8.262	20443	161377	0.625	4.141 #
41) L9 AR-1268-1	8.798	7.702	39244	42307	0.295	0.296

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112023\
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Integration File signal 1: autoint1.e
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 Quant Time: Nov 21 00:17:38 2023
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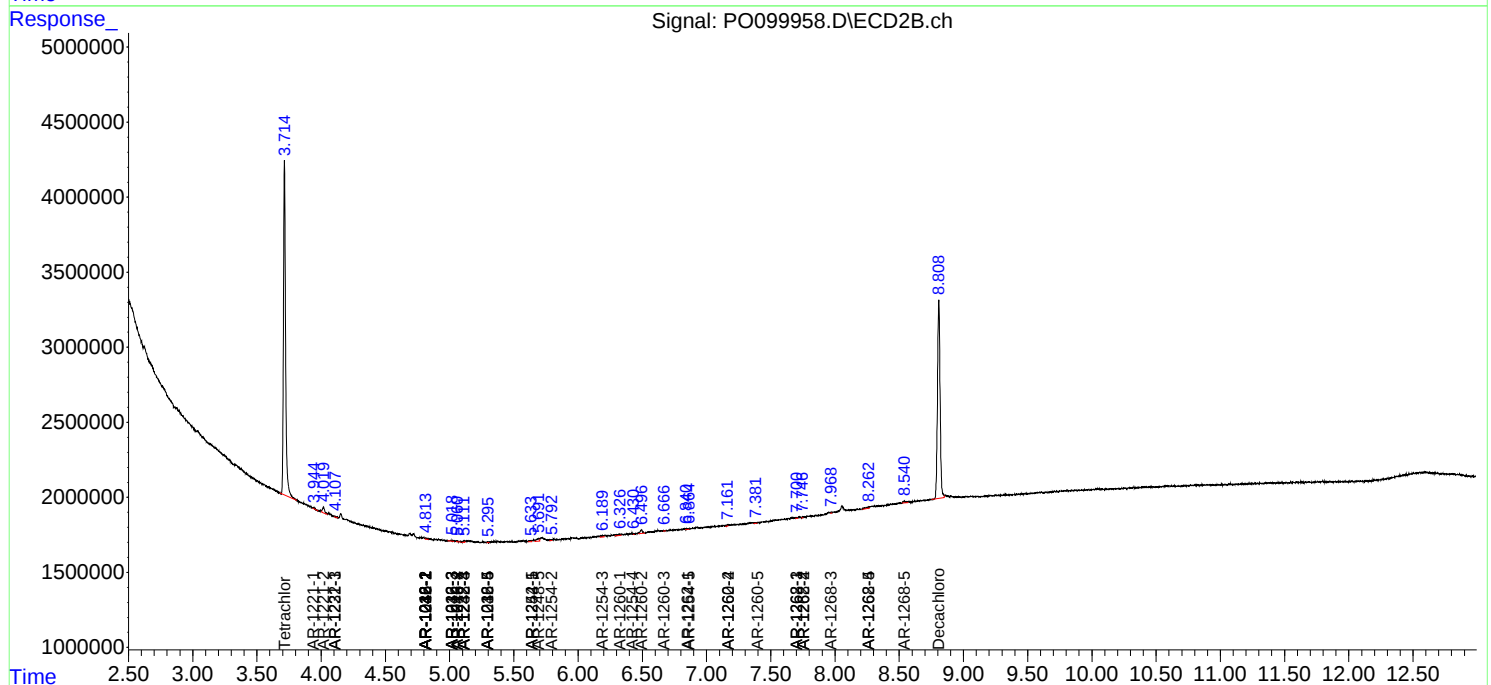
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

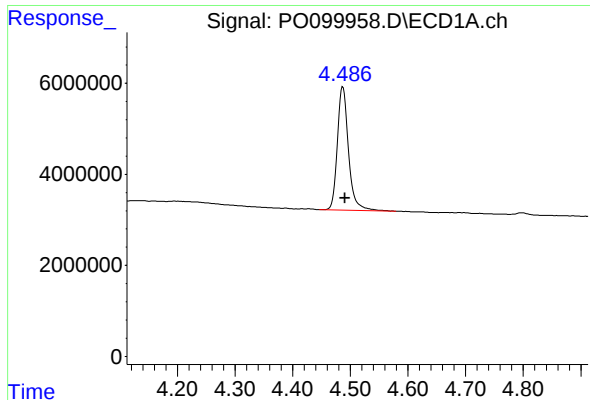
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.900	7.746	30547	44100	0.266	0.339 #
43) L9	AR-1268-3	9.136	7.968	76597	27776	0.703	0.228 #
44) L9	AR-1268-4	9.595	8.262	20443	161377	0.585	3.743 #
45) L9	AR-1268-5	10.021	8.540	38573	156979	0.121	0.452 #

(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

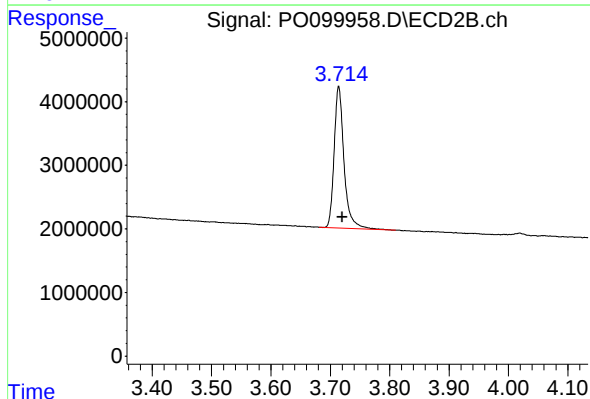




#1 Tetrachloro-m-xylene

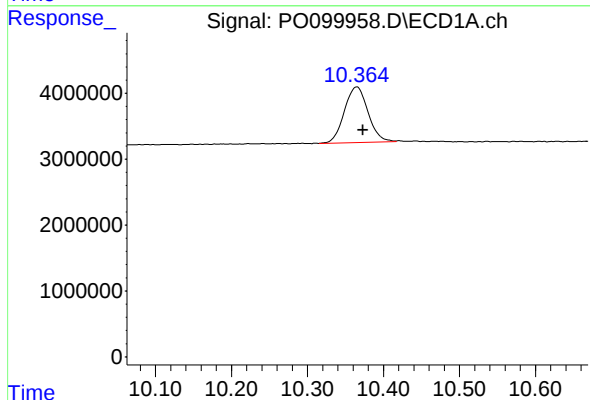
R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 35483975
Conc: 20.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



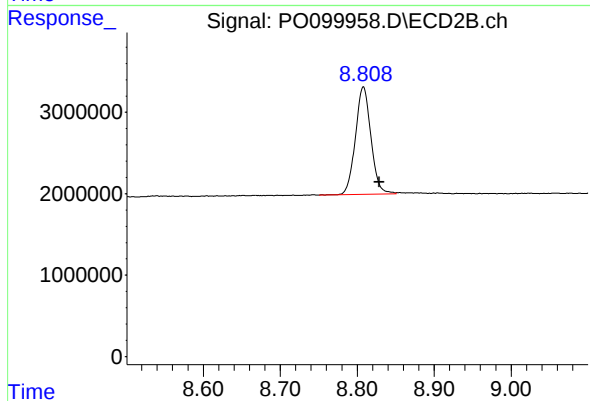
#1 Tetrachloro-m-xylene

R.T.: 3.714 min
Delta R.T.: -0.006 min
Response: 25690018
Conc: 21.75 ng/ml



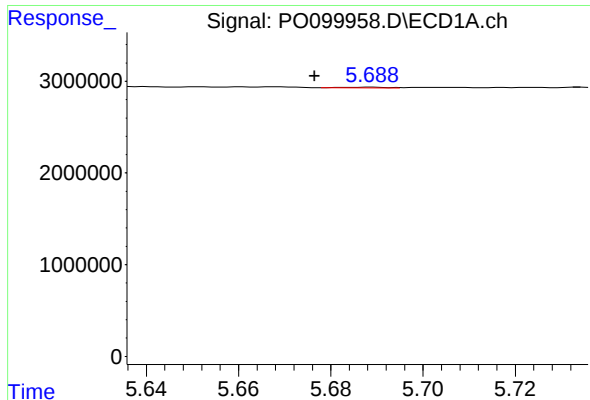
#2 Decachlorobiphenyl

R.T.: 10.365 min
Delta R.T.: -0.008 min
Response: 18230736
Conc: 19.53 ng/ml



#2 Decachlorobiphenyl

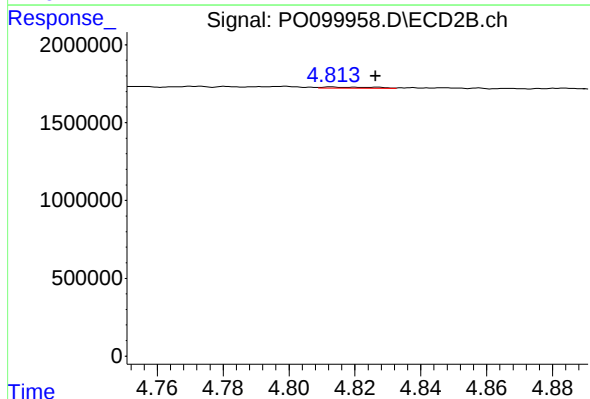
R.T.: 8.808 min
Delta R.T.: -0.021 min
Response: 18389032
Conc: 18.73 ng/ml



#3 AR-1016-1

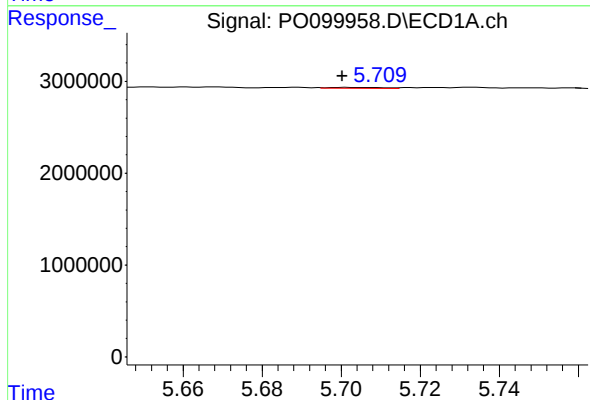
R.T.: 5.689 min
Delta R.T.: 0.013 min
Response: 46928
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



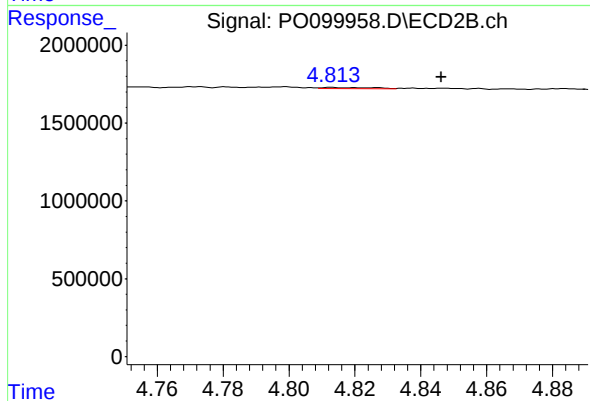
#3 AR-1016-1

R.T.: 4.813 min
Delta R.T.: -0.013 min
Response: 77456
Conc: 2.91 ng/ml



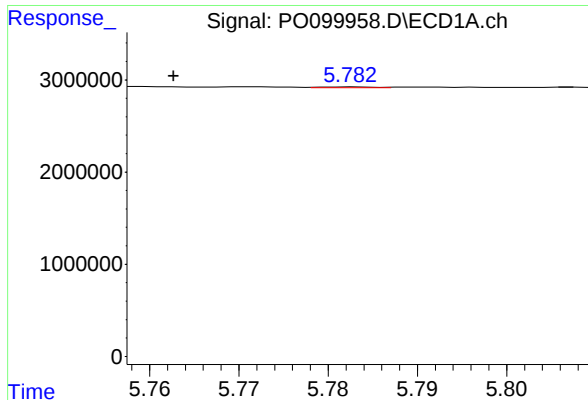
#4 AR-1016-2

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 85837
Conc: 1.26 ng/ml



#4 AR-1016-2

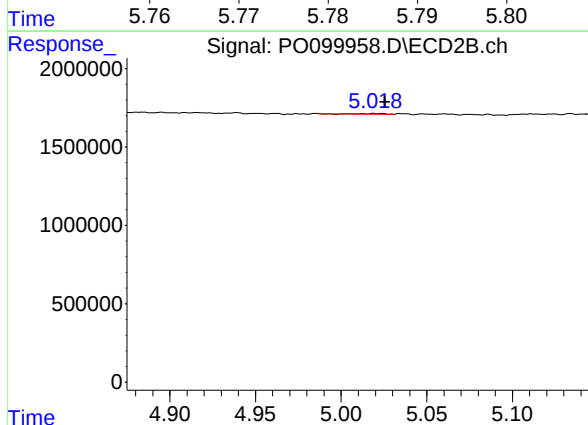
R.T.: 4.813 min
Delta R.T.: -0.033 min
Response: 77456
Conc: 2.09 ng/ml



#5 AR-1016-3

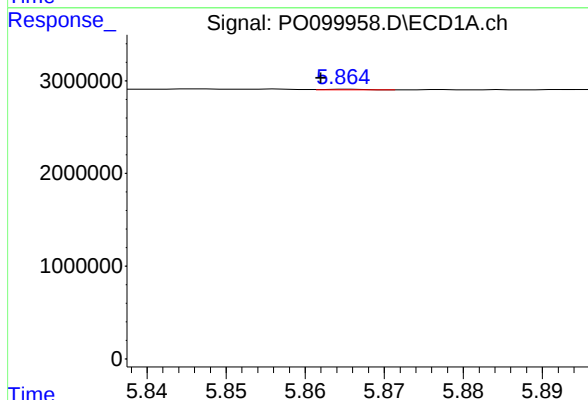
R.T.: 5.782 min
Delta R.T.: 0.020 min
Response: 36756
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



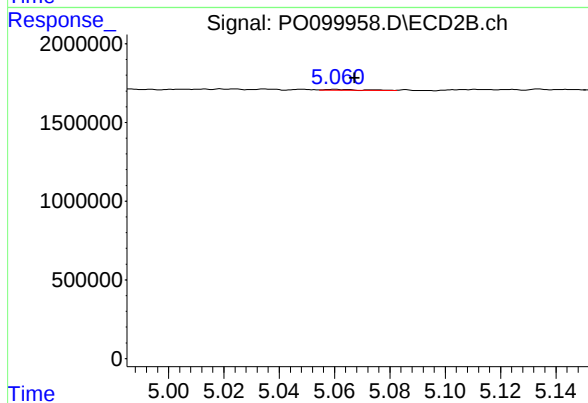
#5 AR-1016-3

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 54472
Conc: 2.76 ng/ml



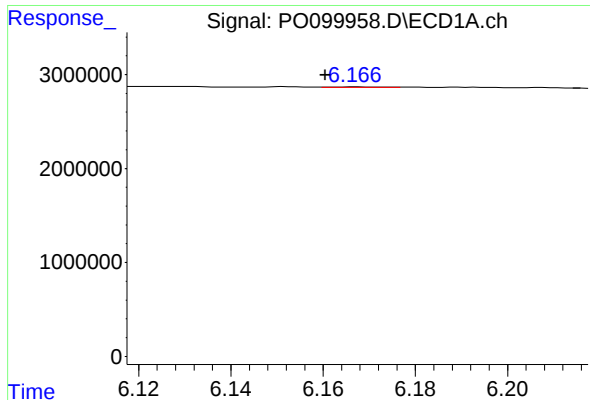
#6 AR-1016-4

R.T.: 5.865 min
Delta R.T.: 0.003 min
Response: 18657
Conc: 0.54 ng/ml



#6 AR-1016-4

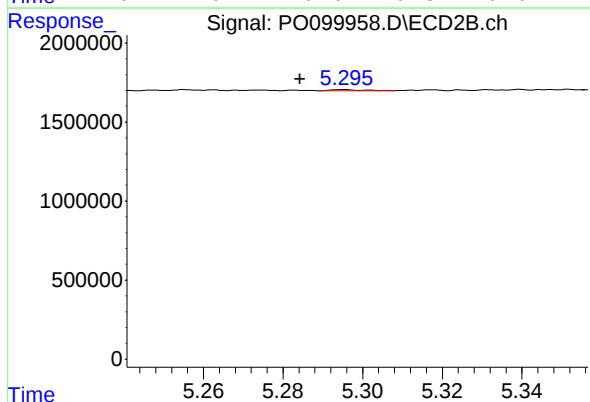
R.T.: 5.060 min
Delta R.T.: -0.007 min
Response: 62347
Conc: 3.70 ng/ml



#7 AR-1016-5

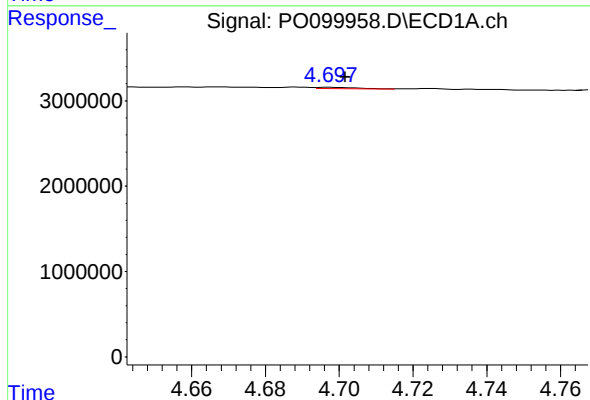
R.T.: 6.167 min
Delta R.T.: 0.007 min
Response: 33960
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



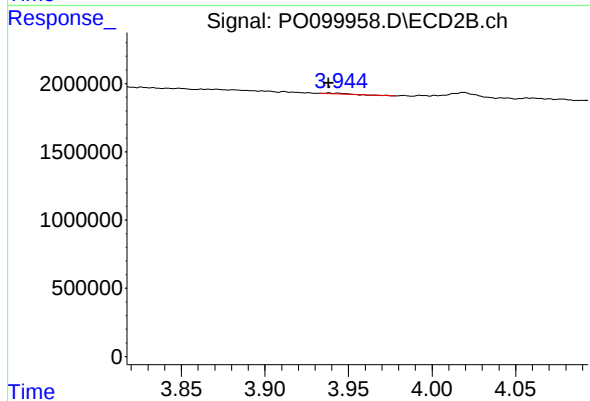
#7 AR-1016-5

R.T.: 5.295 min
Delta R.T.: 0.011 min
Response: 41888
Conc: 2.10 ng/ml



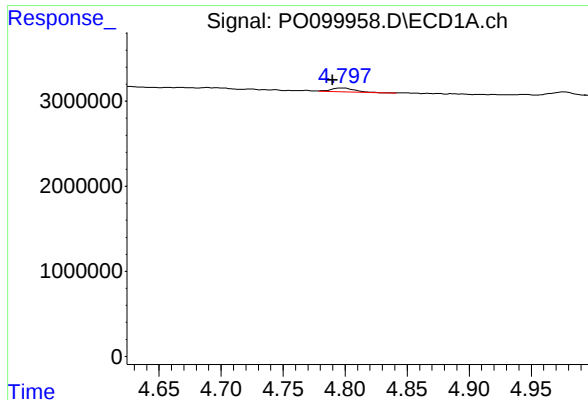
#8 AR-1221-1

R.T.: 4.697 min
Delta R.T.: -0.004 min
Response: 132220
Conc: 6.30 ng/ml



#8 AR-1221-1

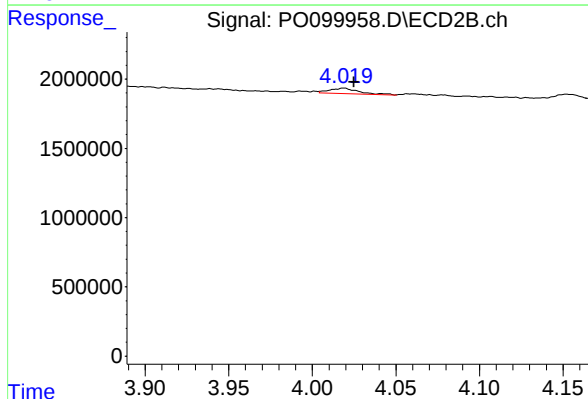
R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 50731
Conc: 3.36 ng/ml



#9 AR-1221-2

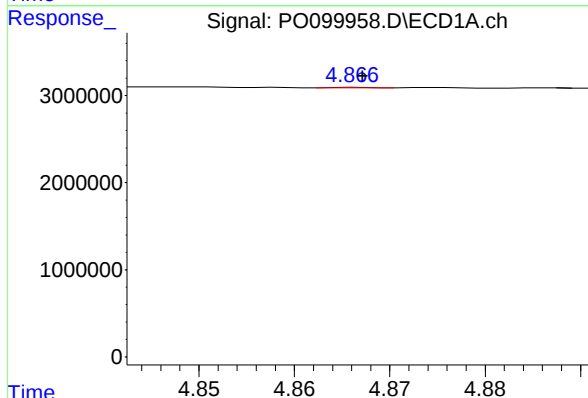
R.T.: 4.798 min
Delta R.T.: 0.008 min
Response: 620641
Conc: 40.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



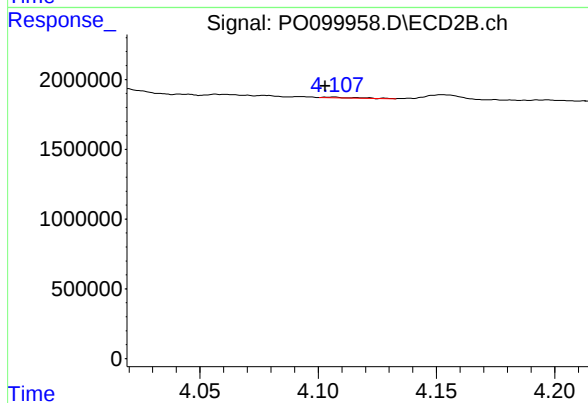
#9 AR-1221-2

R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 460811
Conc: 43.61 ng/ml



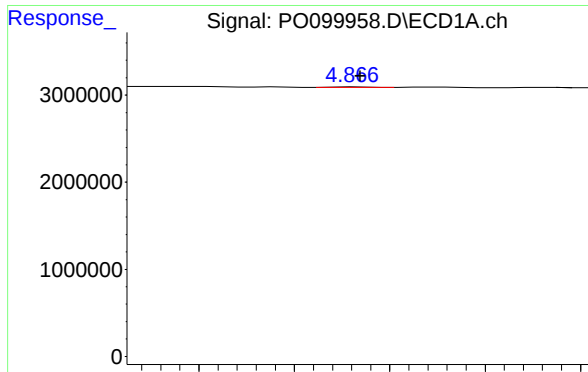
#10 AR-1221-3

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 15813
Conc: 0.35 ng/ml



#10 AR-1221-3

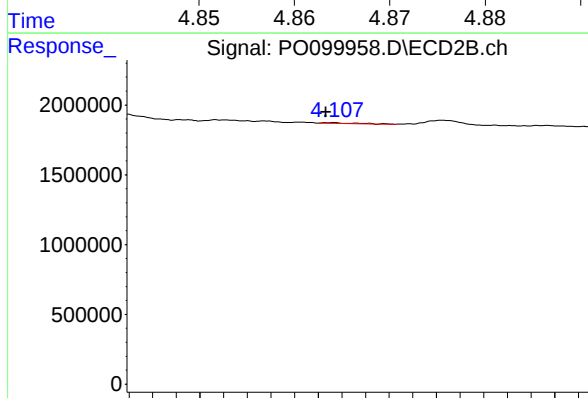
R.T.: 4.106 min
Delta R.T.: 0.003 min
Response: 42147
Conc: 1.38 ng/ml



#11 AR-1232-1

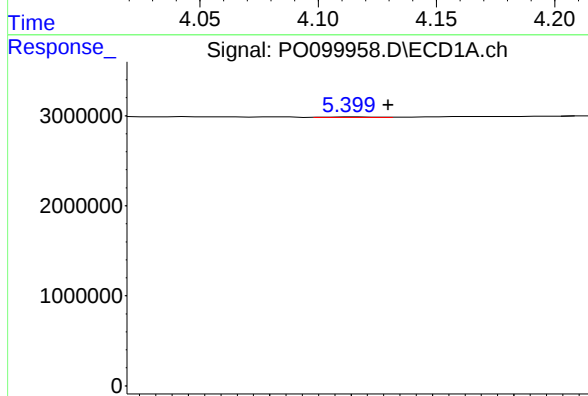
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 15813
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



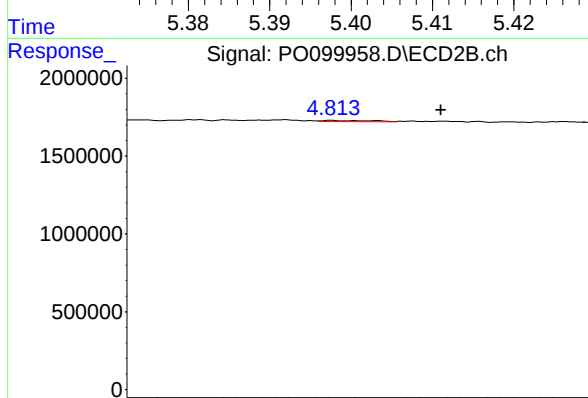
#11 AR-1232-1

R.T.: 4.106 min
Delta R.T.: 0.003 min
Response: 42147
Conc: 1.64 ng/ml



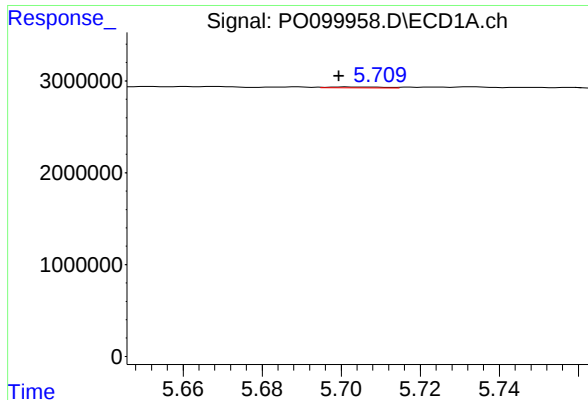
#12 AR-1232-2

R.T.: 5.400 min
Delta R.T.: -0.004 min
Response: 18713
Conc: 1.02 ng/ml



#12 AR-1232-2

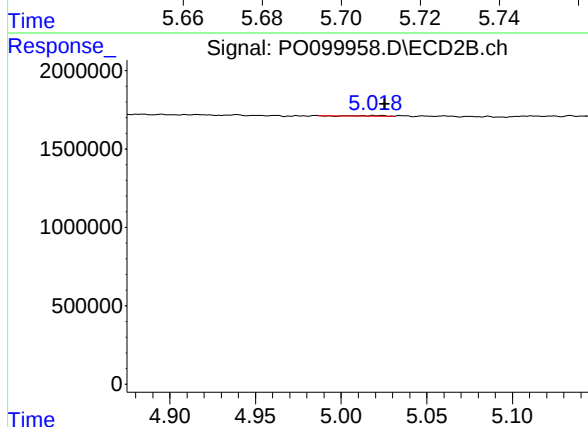
R.T.: 4.813 min
Delta R.T.: -0.033 min
Response: 77456
Conc: 4.35 ng/ml



#13 AR-1232-3

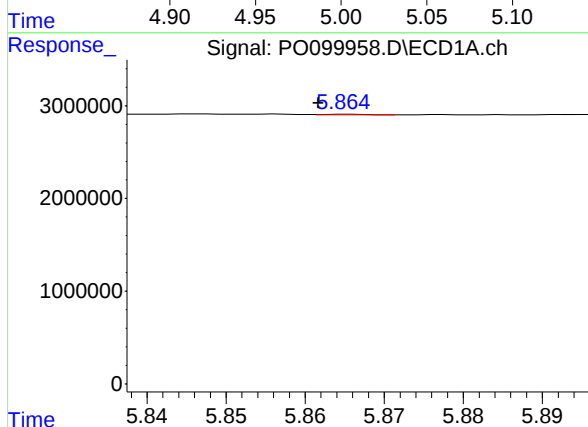
R.T.: 5.701 min
Delta R.T.: 0.001 min
Response: 85837
Conc: 2.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



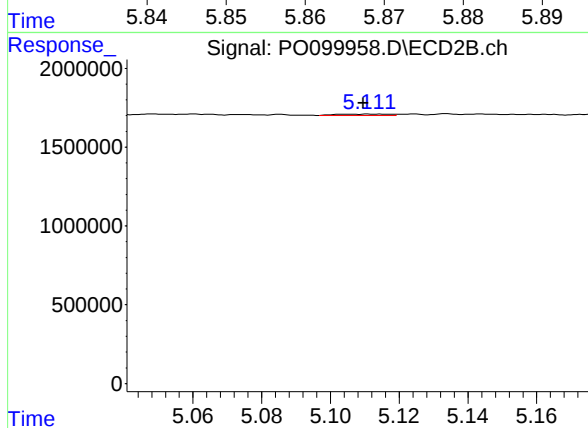
#13 AR-1232-3

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 54472
Conc: 5.94 ng/ml



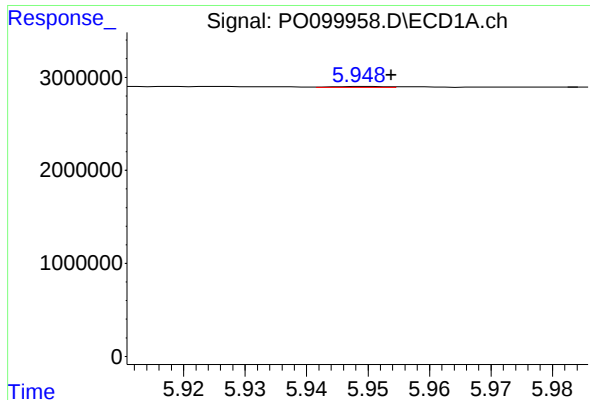
#14 AR-1232-4

R.T.: 5.865 min
Delta R.T.: 0.003 min
Response: 18657
Conc: 1.22 ng/ml



#14 AR-1232-4

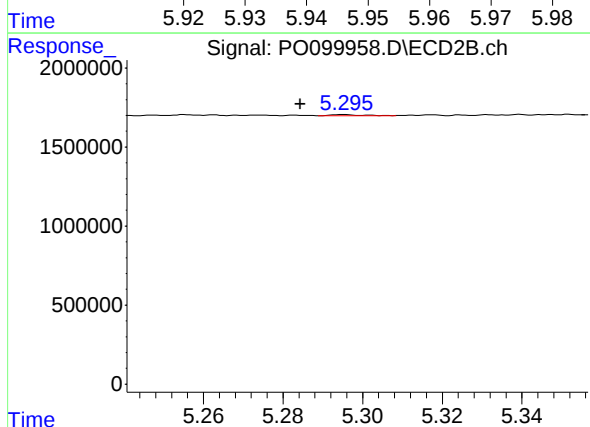
R.T.: 5.112 min
Delta R.T.: 0.002 min
Response: 94782
Conc: 11.12 ng/ml



#15 AR-1232-5

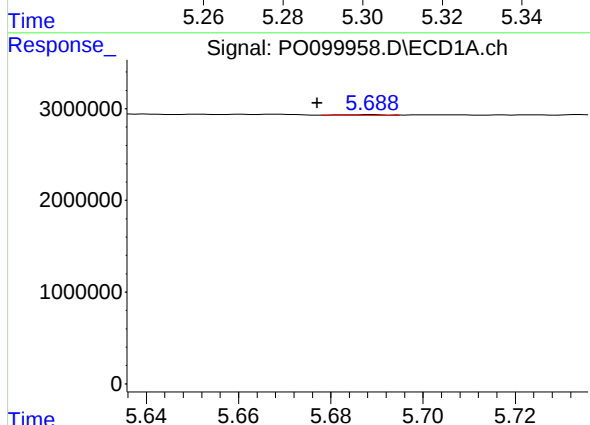
R.T.: 5.950 min
Delta R.T.: -0.004 min
Response: 51450
Conc: 4.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



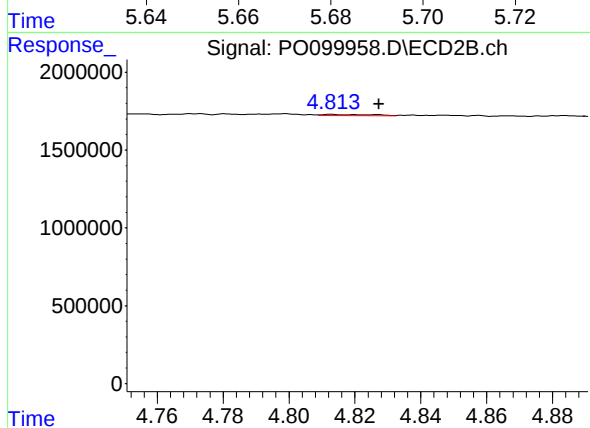
#15 AR-1232-5

R.T.: 5.295 min
Delta R.T.: 0.011 min
Response: 41888
Conc: 4.57 ng/ml



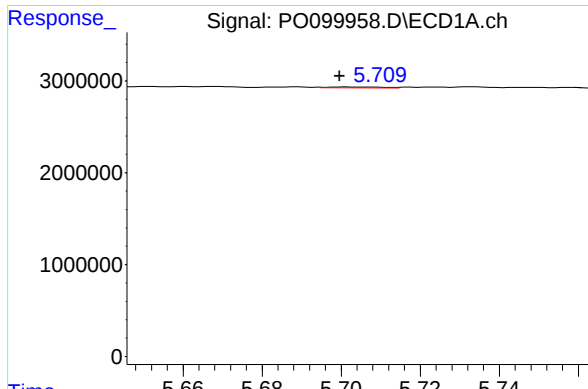
#16 AR-1242-1

R.T.: 5.689 min
Delta R.T.: 0.012 min
Response: 46928
Conc: 1.28 ng/ml



#16 AR-1242-1

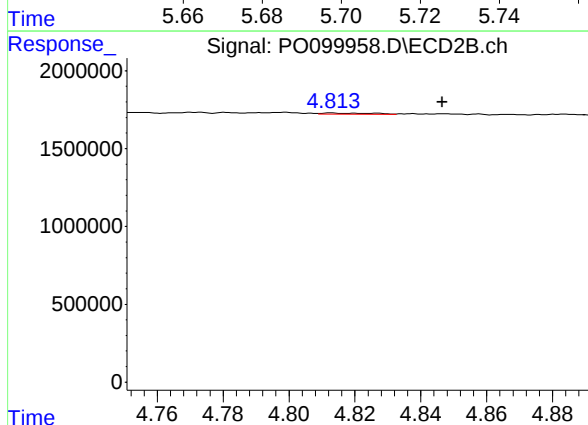
R.T.: 4.813 min
Delta R.T.: -0.014 min
Response: 77456
Conc: 3.37 ng/ml



#17 AR-1242-2

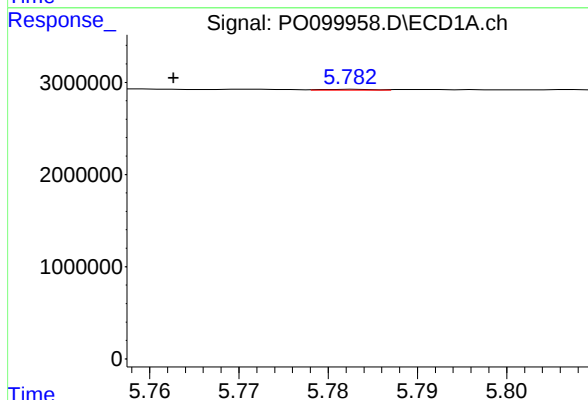
R.T.: 5.701 min
Delta R.T.: 0.001 min
Response: 85837
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



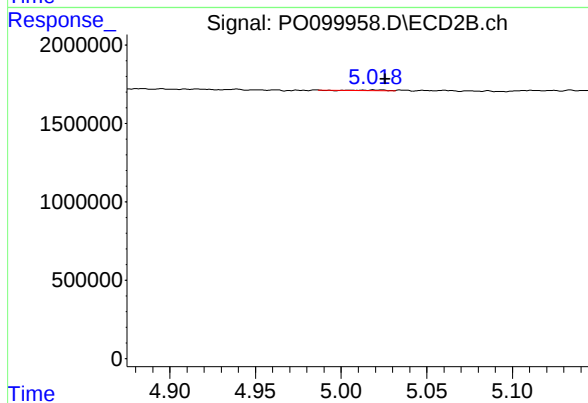
#17 AR-1242-2

R.T.: 4.813 min
Delta R.T.: -0.033 min
Response: 77456
Conc: 2.47 ng/ml



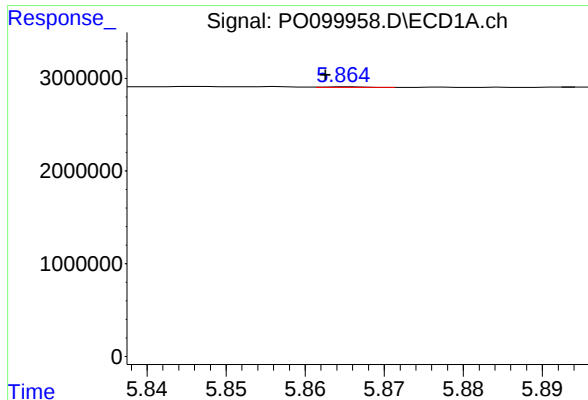
#18 AR-1242-3

R.T.: 5.782 min
Delta R.T.: 0.020 min
Response: 36756
Conc: 0.97 ng/ml



#18 AR-1242-3

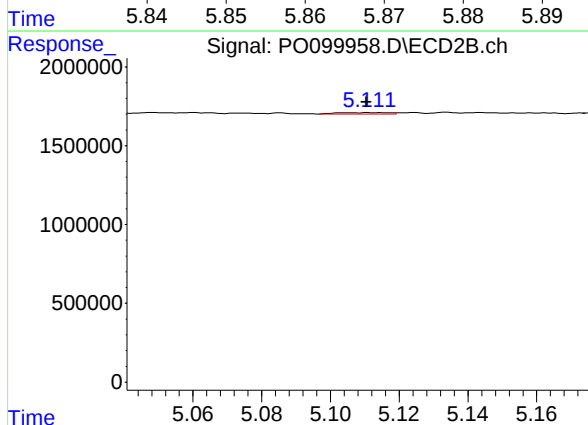
R.T.: 5.019 min
Delta R.T.: -0.007 min
Response: 54472
Conc: 3.25 ng/ml



#19 AR-1242-4

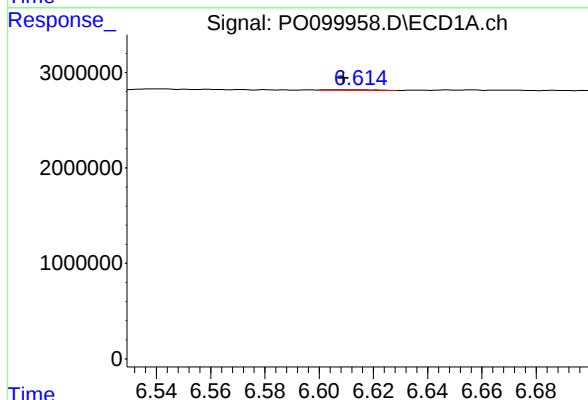
R.T.: 5.865 min
Delta R.T.: 0.003 min
Response: 18657
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



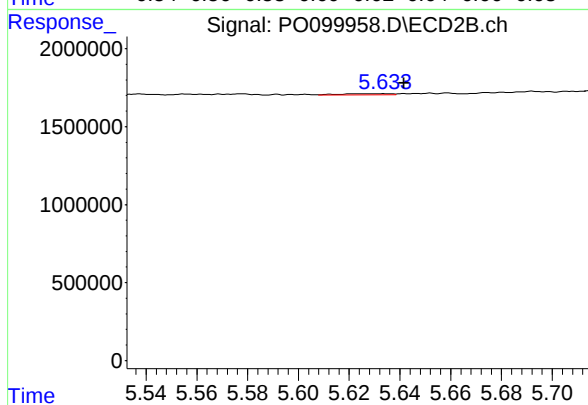
#19 AR-1242-4

R.T.: 5.112 min
Delta R.T.: 0.001 min
Response: 94782
Conc: 5.49 ng/ml



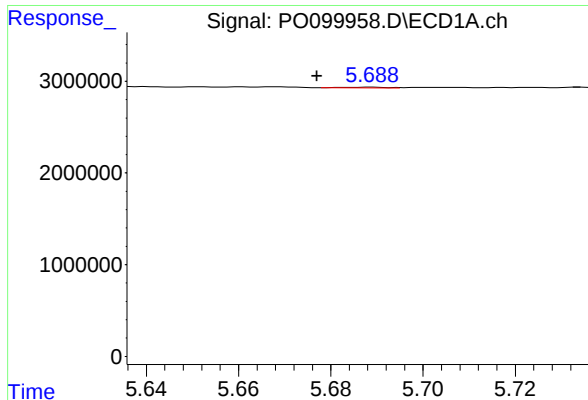
#20 AR-1242-5

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 78475
Conc: 3.19 ng/ml



#20 AR-1242-5

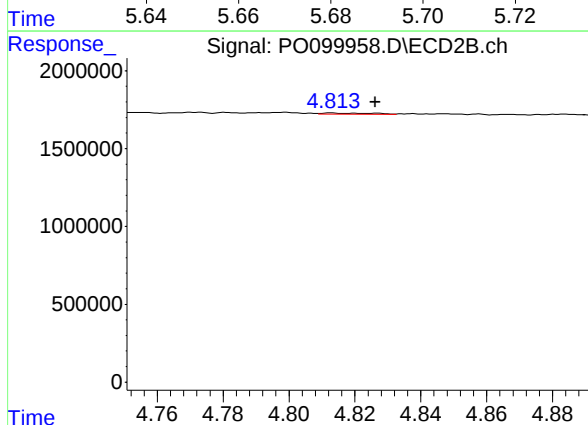
R.T.: 5.633 min
Delta R.T.: -0.009 min
Response: 89905
Conc: 4.52 ng/ml



#21 AR-1248-1

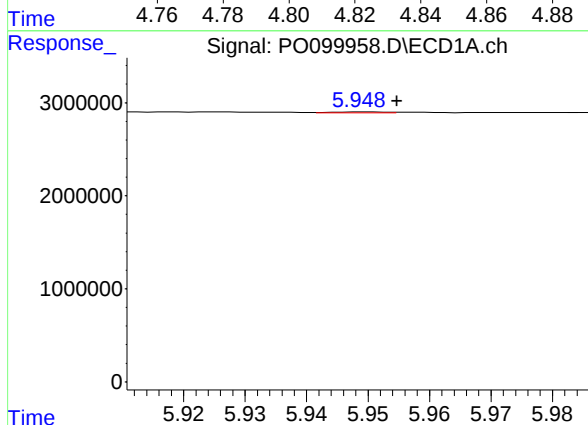
R.T.: 5.689 min
Delta R.T.: 0.012 min
Response: 46928
Conc: 1.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



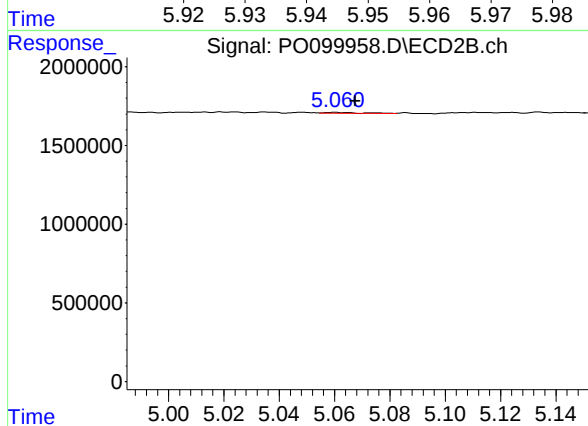
#21 AR-1248-1

R.T.: 4.813 min
Delta R.T.: -0.013 min
Response: 77456
Conc: 4.43 ng/ml



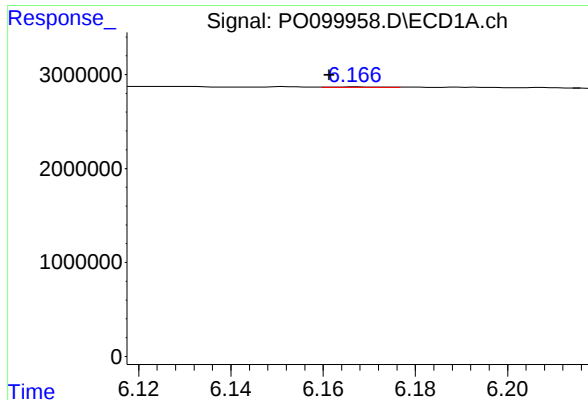
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.005 min
Response: 51450
Conc: 1.21 ng/ml



#22 AR-1248-2

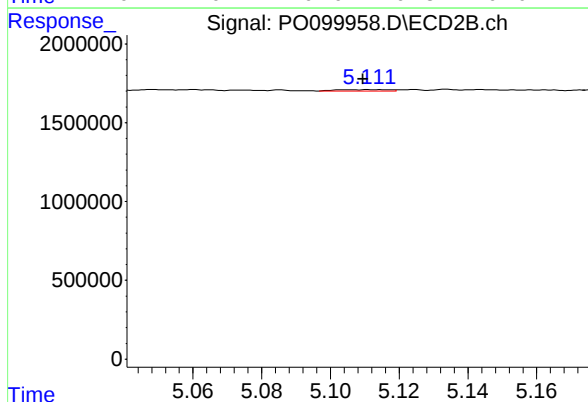
R.T.: 5.060 min
Delta R.T.: -0.007 min
Response: 62347
Conc: 2.59 ng/ml



#23 AR-1248-3

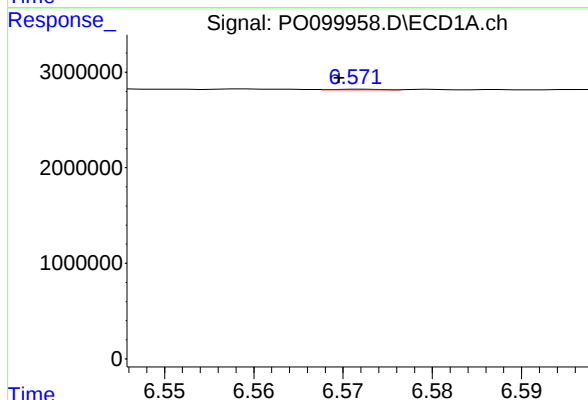
R.T.: 6.167 min
Delta R.T.: 0.006 min
Response: 33960
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



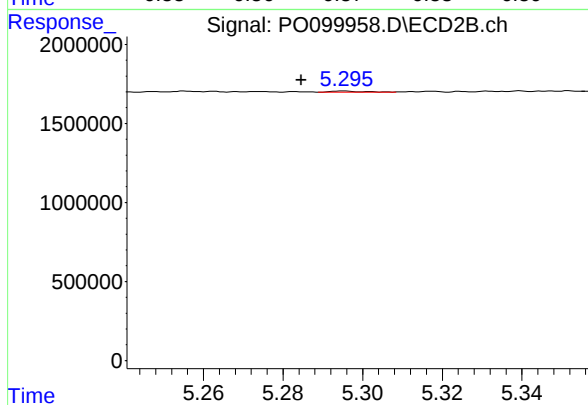
#23 AR-1248-3

R.T.: 5.112 min
Delta R.T.: 0.002 min
Response: 94782
Conc: 3.84 ng/ml



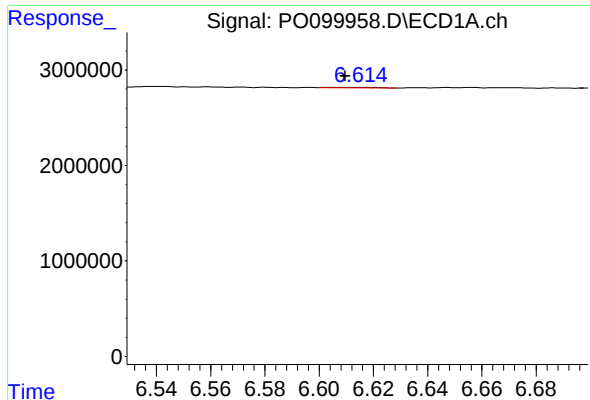
#24 AR-1248-4

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 18534
Conc: 0.45 ng/ml



#24 AR-1248-4

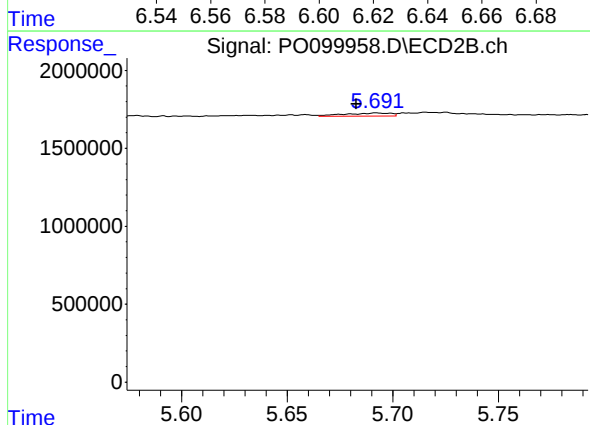
R.T.: 5.295 min
Delta R.T.: 0.010 min
Response: 41888
Conc: 1.48 ng/ml



#25 AR-1248-5

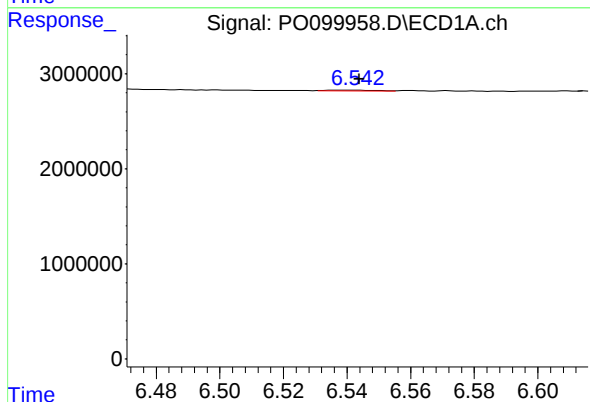
R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 78475
Conc: 1.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



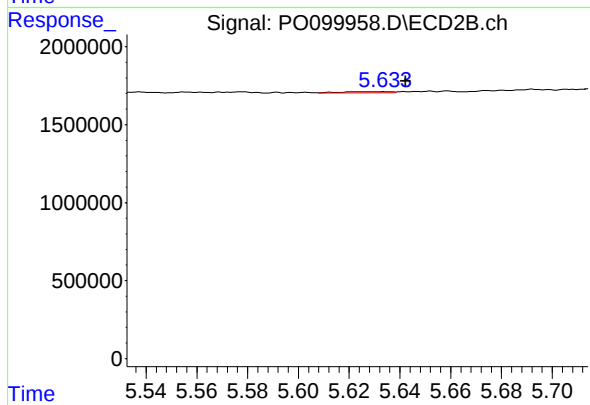
#25 AR-1248-5

R.T.: 5.692 min
Delta R.T.: 0.010 min
Response: 292811
Conc: 11.52 ng/ml



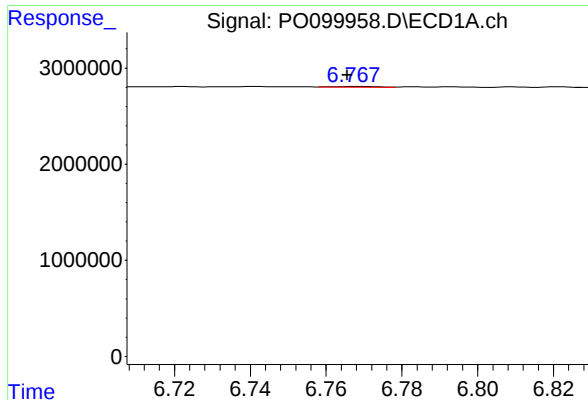
#26 AR-1254-1

R.T.: 6.543 min
Delta R.T.: -0.001 min
Response: 87446
Conc: 1.81 ng/ml



#26 AR-1254-1

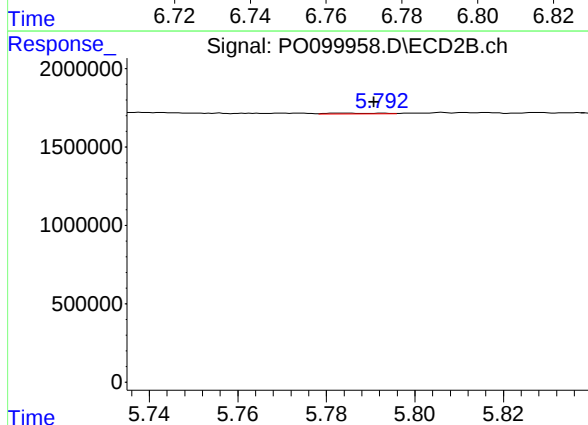
R.T.: 5.633 min
Delta R.T.: -0.010 min
Response: 89905
Conc: 2.17 ng/ml



#27 AR-1254-2

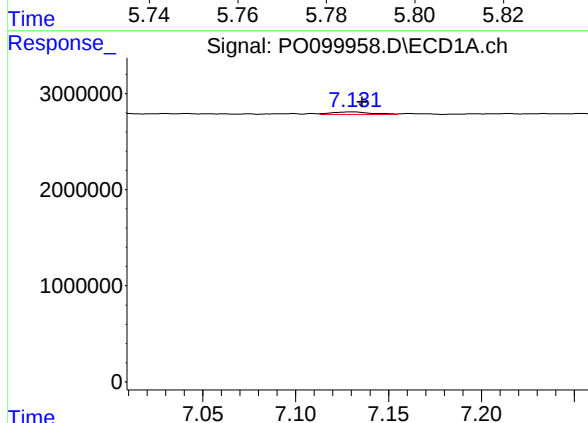
R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 64388
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



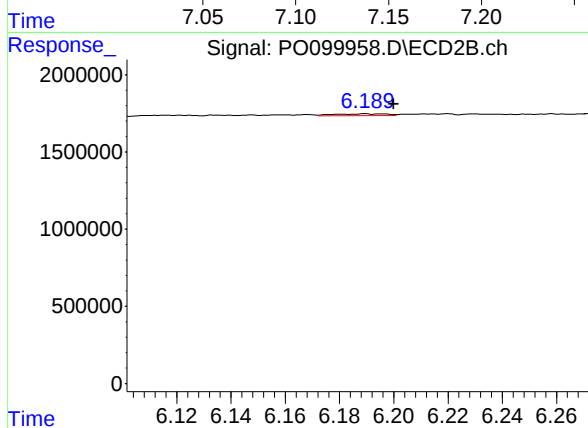
#27 AR-1254-2

R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 41883
Conc: 1.10 ng/ml



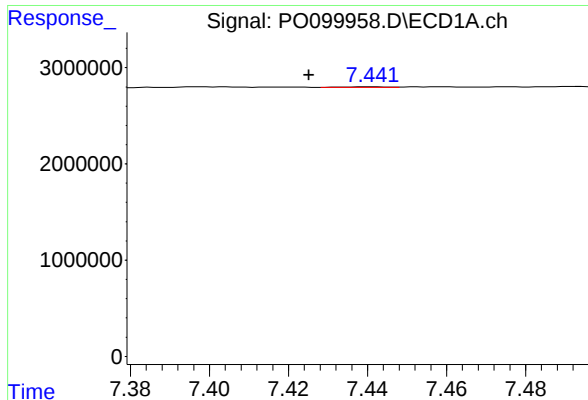
#28 AR-1254-3

R.T.: 7.131 min
Delta R.T.: -0.005 min
Response: 360719
Conc: 5.31 ng/ml



#28 AR-1254-3

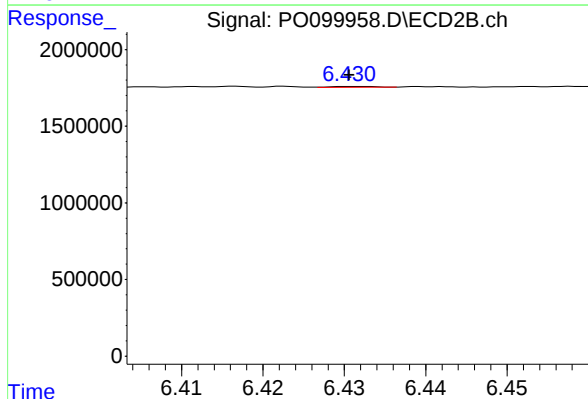
R.T.: 6.189 min
Delta R.T.: -0.011 min
Response: 150903
Conc: 2.33 ng/ml



#29 AR-1254-4

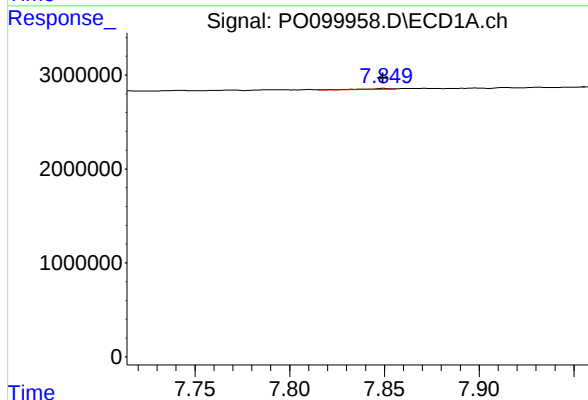
R.T.: 7.441 min
Delta R.T.: 0.016 min
Response: 37955
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



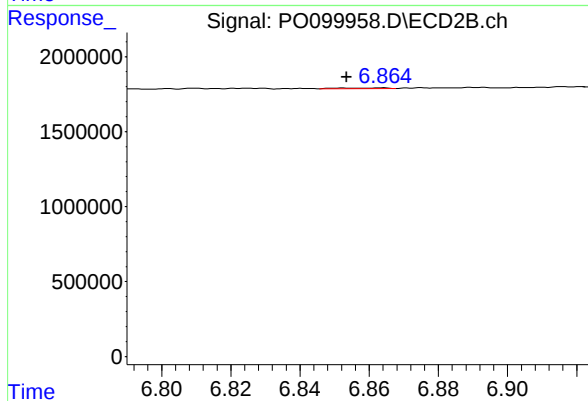
#29 AR-1254-4

R.T.: 6.432 min
Delta R.T.: 0.001 min
Response: 18339
Conc: 0.54 ng/ml



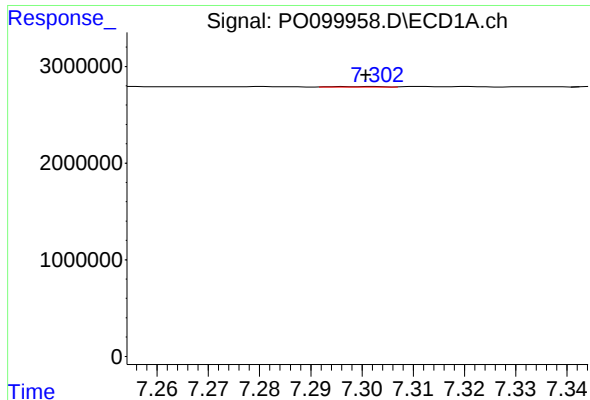
#30 AR-1254-5

R.T.: 7.850 min
Delta R.T.: 0.000 min
Response: 103550
Conc: 2.11 ng/ml



#30 AR-1254-5

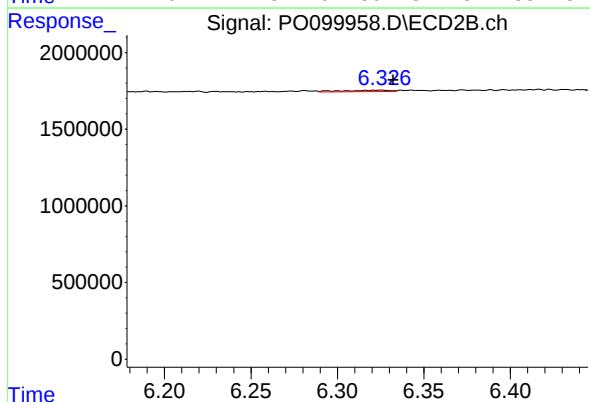
R.T.: 6.864 min
Delta R.T.: 0.010 min
Response: 52446
Conc: 0.86 ng/ml



#31 AR-1260-1

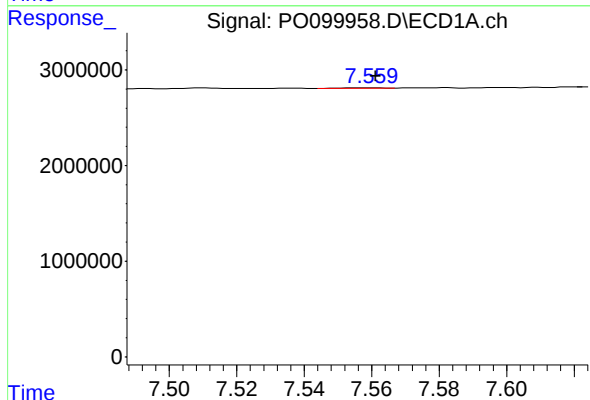
R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 33339
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



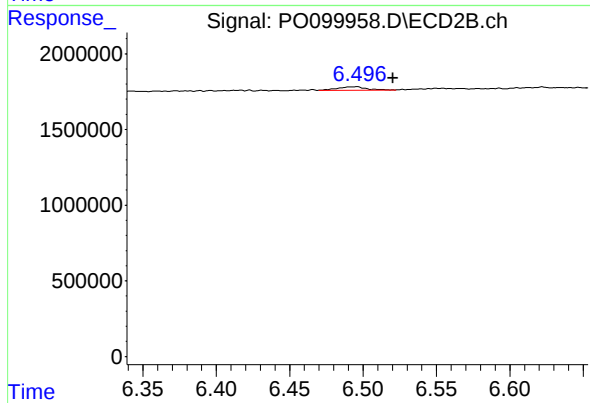
#31 AR-1260-1

R.T.: 6.326 min
Delta R.T.: -0.007 min
Response: 169691
Conc: 3.52 ng/ml



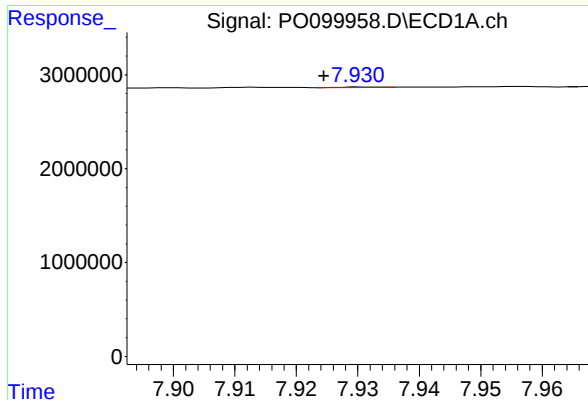
#32 AR-1260-2

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 53285
Conc: 0.88 ng/ml



#32 AR-1260-2

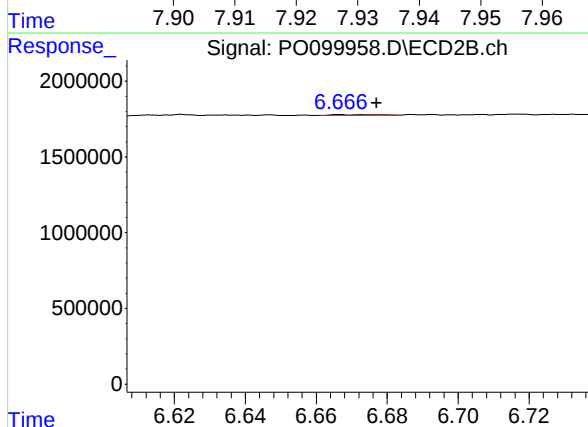
R.T.: 6.496 min
Delta R.T.: -0.025 min
Response: 325339
Conc: 5.74 ng/ml



#33 AR-1260-3

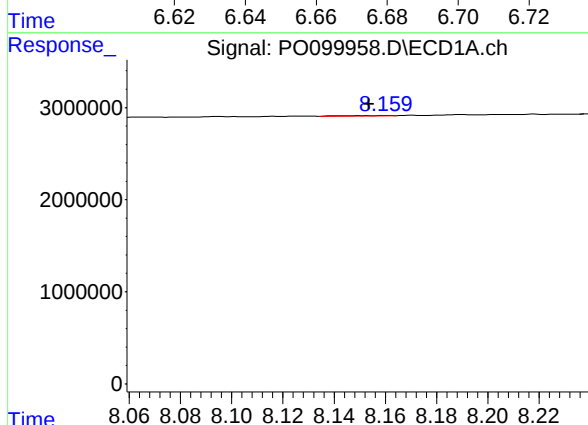
R.T.: 7.931 min
Delta R.T.: 0.007 min
Response: 32420
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



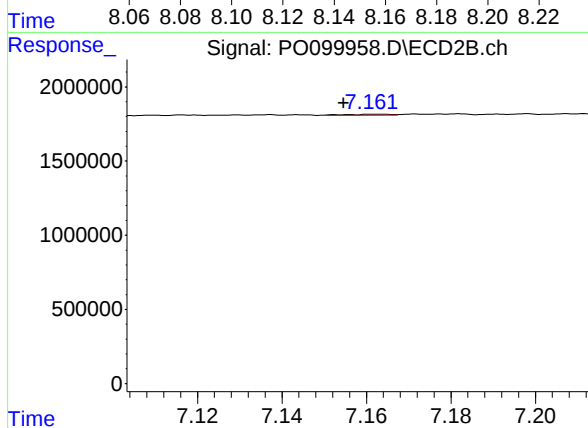
#33 AR-1260-3

R.T.: 6.666 min
Delta R.T.: -0.011 min
Response: 37990
Conc: 0.69 ng/ml



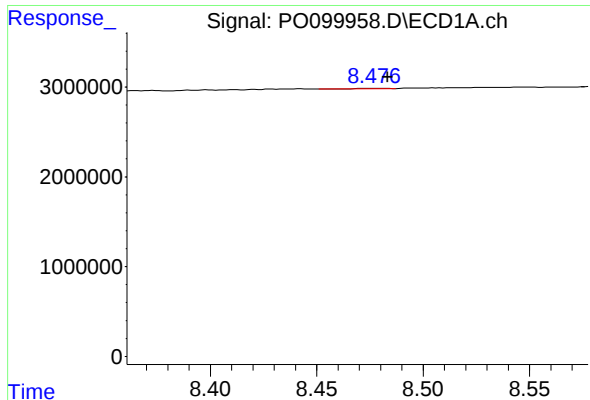
#34 AR-1260-4

R.T.: 8.161 min
Delta R.T.: 0.007 min
Response: 68945
Conc: 1.40 ng/ml



#34 AR-1260-4

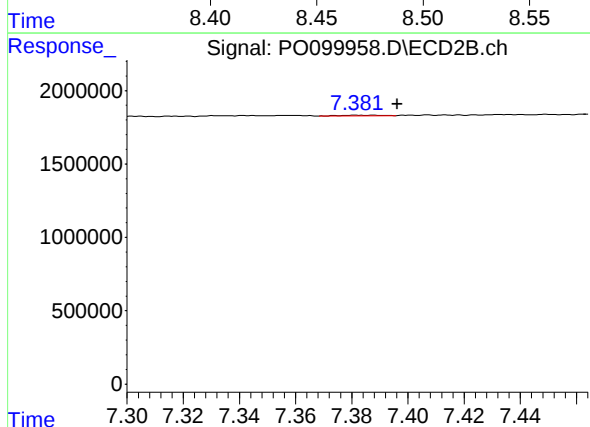
R.T.: 7.162 min
Delta R.T.: 0.008 min
Response: 56100
Conc: 1.27 ng/ml



#35 AR-1260-5

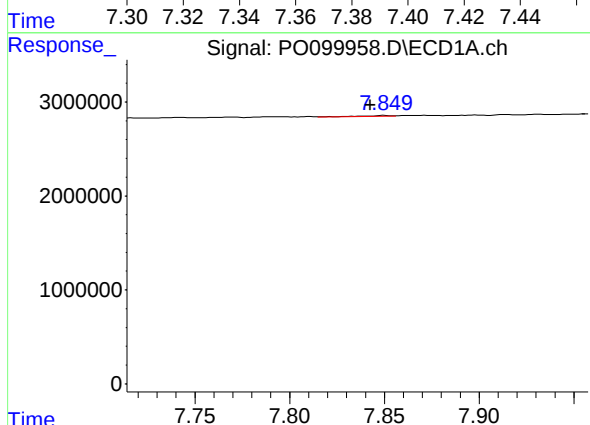
R.T.: 8.476 min
Delta R.T.: -0.008 min
Response: 40356
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



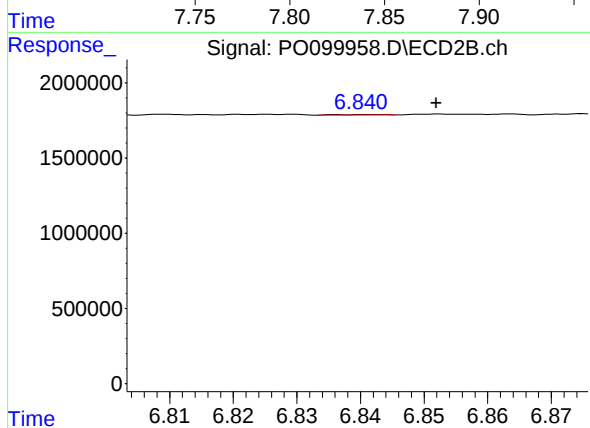
#35 AR-1260-5

R.T.: 7.388 min
Delta R.T.: -0.008 min
Response: 56648
Conc: 0.57 ng/ml



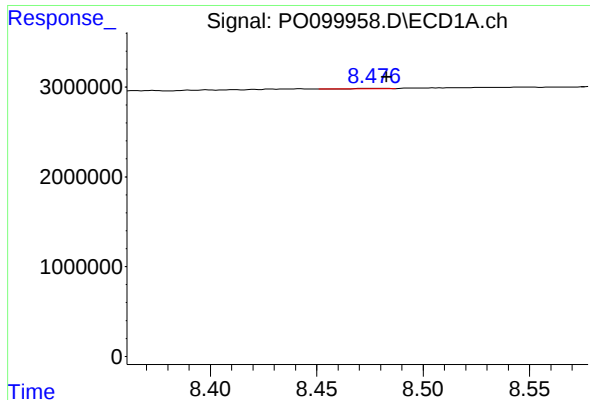
#36 AR-1262-1

R.T.: 7.850 min
Delta R.T.: 0.008 min
Response: 103550
Conc: 2.31 ng/ml



#36 AR-1262-1

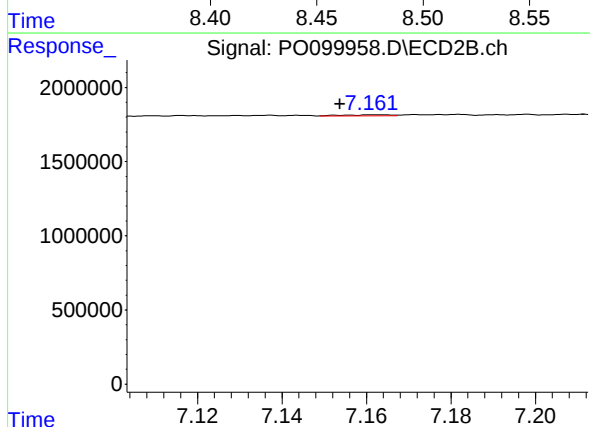
R.T.: 6.841 min
Delta R.T.: -0.011 min
Response: 18762
Conc: 0.58 ng/ml



#37 AR-1262-2

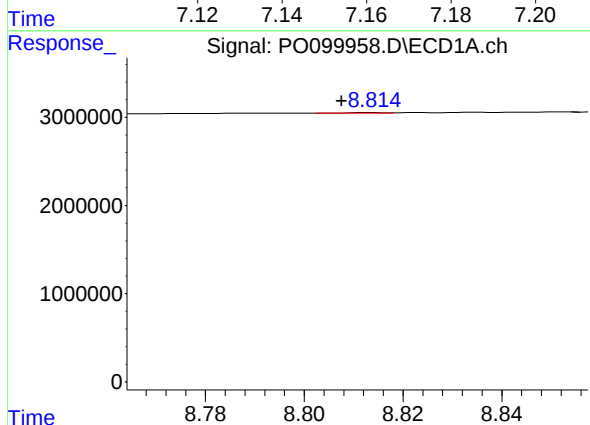
R.T.: 8.476 min
Delta R.T.: -0.007 min
Response: 40356
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



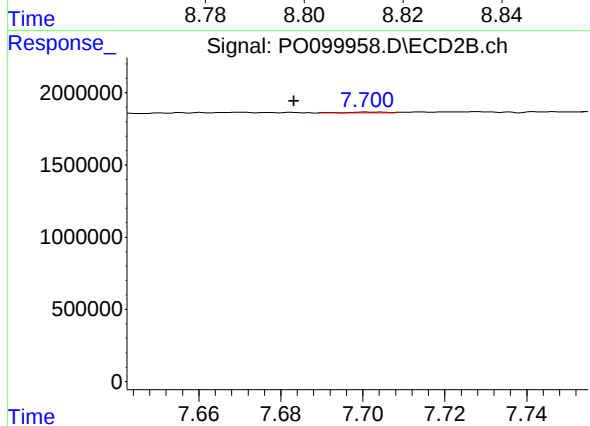
#37 AR-1262-2

R.T.: 7.162 min
Delta R.T.: 0.009 min
Response: 56100
Conc: 0.86 ng/ml



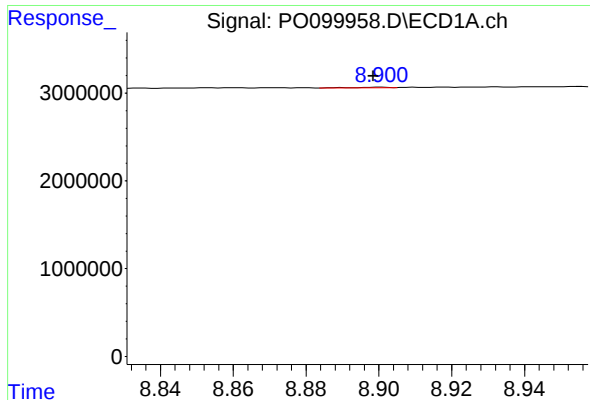
#38 AR-1262-3

R.T.: 8.814 min
Delta R.T.: 0.006 min
Response: 28758
Conc: 0.39 ng/ml



#38 AR-1262-3

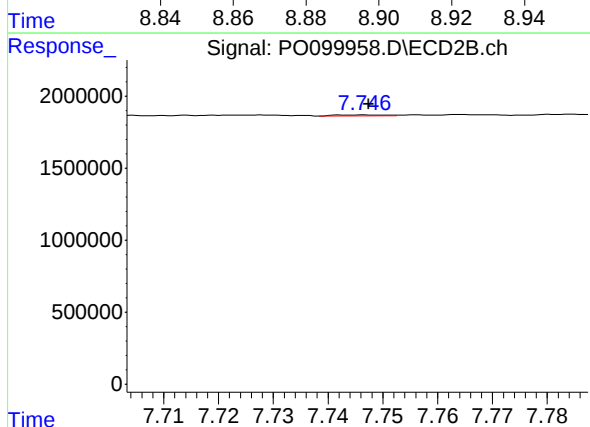
R.T.: 7.702 min
Delta R.T.: 0.018 min
Response: 42307
Conc: 0.82 ng/ml



#39 AR-1262-4

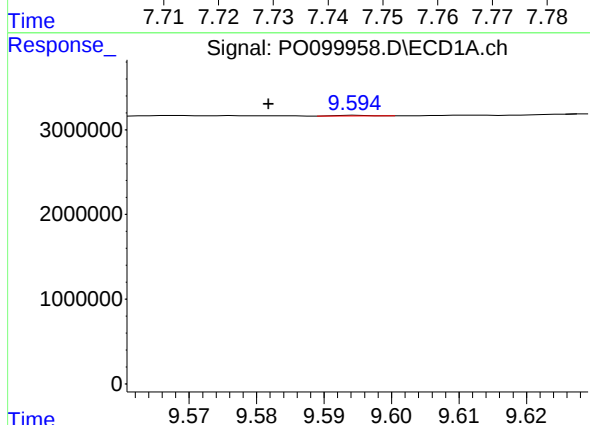
R.T.: 8.900 min
Delta R.T.: 0.002 min
Response: 30547
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



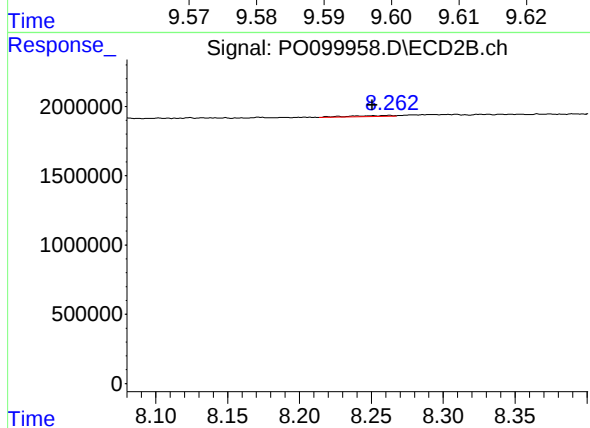
#39 AR-1262-4

R.T.: 7.746 min
Delta R.T.: -0.002 min
Response: 44100
Conc: 0.49 ng/ml



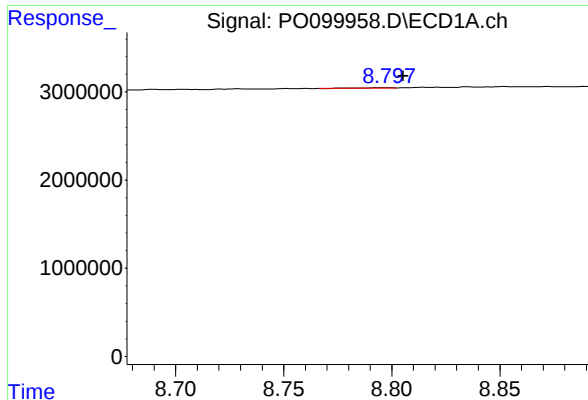
#40 AR-1262-5

R.T.: 9.595 min
Delta R.T.: 0.013 min
Response: 20443
Conc: 0.62 ng/ml



#40 AR-1262-5

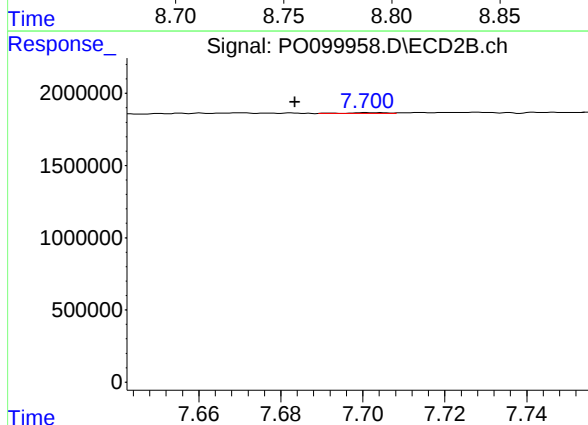
R.T.: 8.262 min
Delta R.T.: 0.012 min
Response: 161377
Conc: 4.14 ng/ml



#41 AR-1268-1

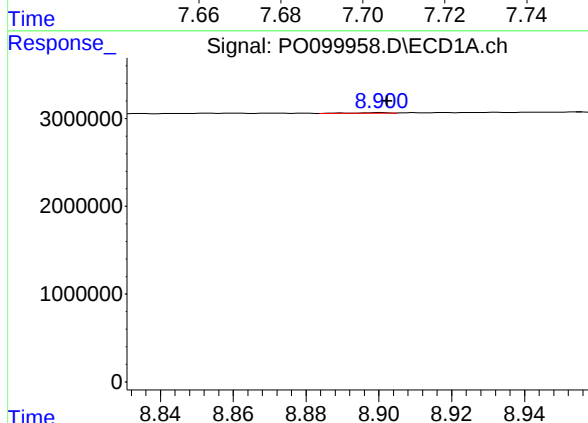
R.T.: 8.798 min
Delta R.T.: -0.007 min
Response: 39244
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



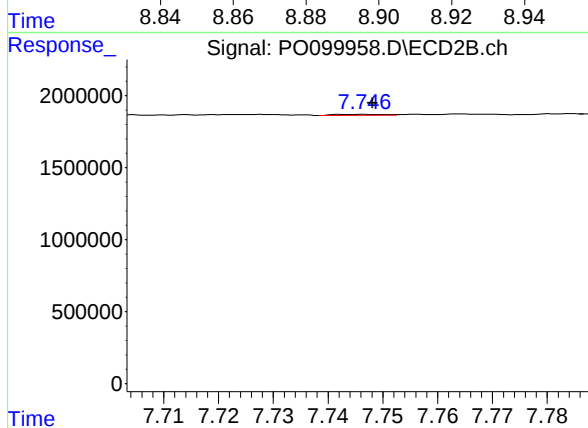
#41 AR-1268-1

R.T.: 7.702 min
Delta R.T.: 0.018 min
Response: 42307
Conc: 0.30 ng/ml



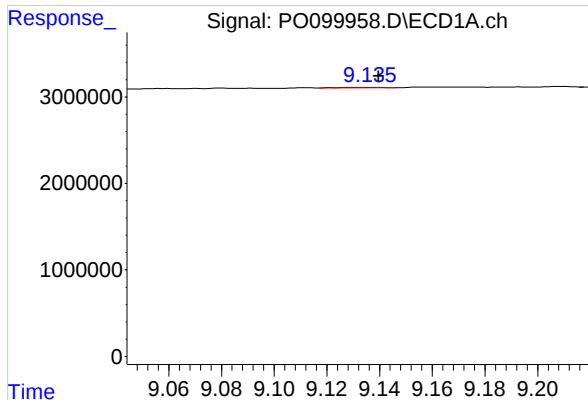
#42 AR-1268-2

R.T.: 8.900 min
Delta R.T.: -0.002 min
Response: 30547
Conc: 0.27 ng/ml



#42 AR-1268-2

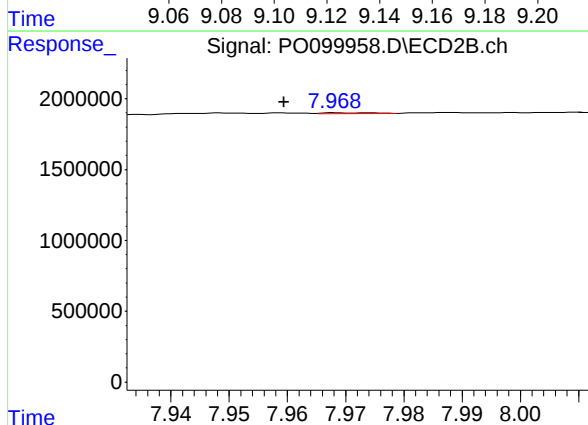
R.T.: 7.746 min
Delta R.T.: -0.002 min
Response: 44100
Conc: 0.34 ng/ml



#43 AR-1268-3

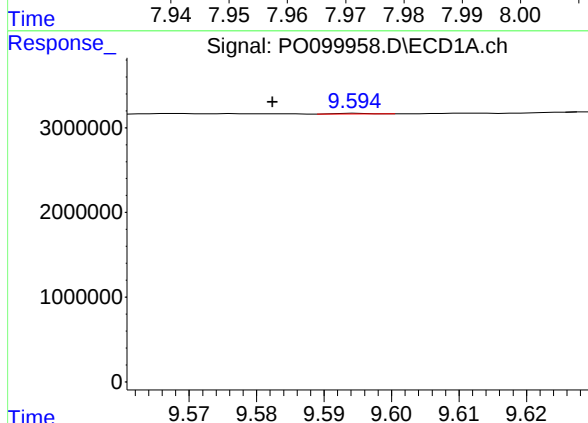
R.T.: 9.136 min
Delta R.T.: -0.004 min
Response: 76597
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



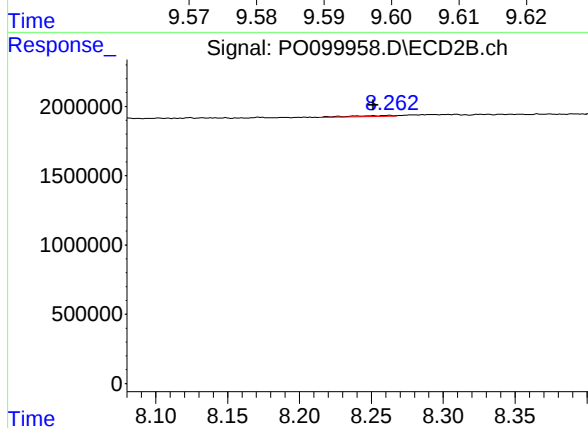
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: 0.009 min
Response: 27776
Conc: 0.23 ng/ml



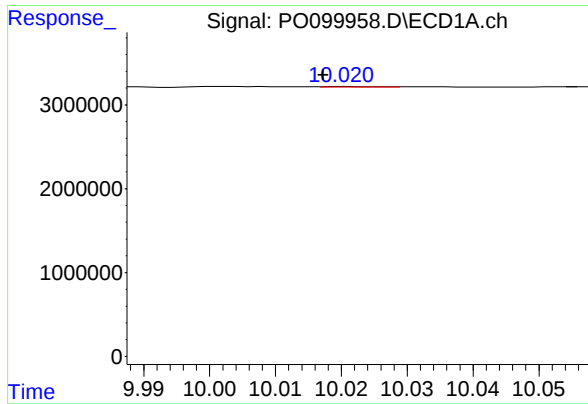
#44 AR-1268-4

R.T.: 9.595 min
Delta R.T.: 0.013 min
Response: 20443
Conc: 0.59 ng/ml



#44 AR-1268-4

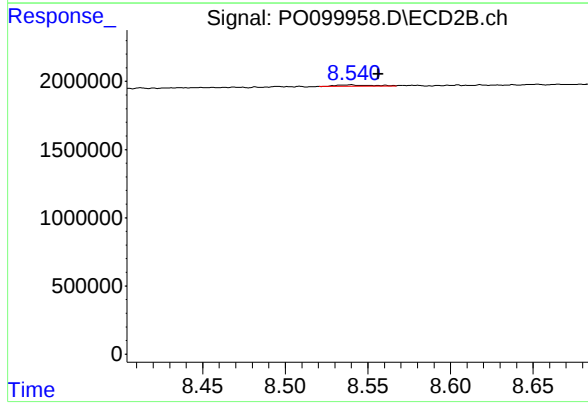
R.T.: 8.262 min
Delta R.T.: 0.011 min
Response: 161377
Conc: 3.74 ng/ml



#45 AR-1268-5

R.T.: 10.021 min
Delta R.T.: 0.003 min
Response: 38573
Conc: 0.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.540 min
Delta R.T.: -0.017 min
Response: 156979
Conc: 0.45 ng/ml