

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0100423\
 Data File : P0098551.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2023 22:48
 Operator : YP/AJ
 Sample : 04725-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 00:16:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 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...	4.481	3.634	31867099	13574072	16.596	17.428
2) SA Decachlor...	10.292	8.638	16265710	6187624	13.400	11.549
Target Compounds						
3) L1 AR-1016-1	5.644	4.745	54179	534355	1.003	22.388 #
4) L1 AR-1016-2	5.681	4.745	1812904	534355	22.330	15.693 #
5) L1 AR-1016-3	5.757	4.907	27094	144277	0.542	8.020 #
6) L1 AR-1016-4	5.874	4.955	8269	335125	0.211	22.355 #
7) L1 AR-1016-5	6.097f	5.171	1399834	131091	34.042	6.750 #
8) L2 AR-1221-1	4.691	3.843	1285164	44730	57.079	4.869 #
9) L2 AR-1221-2	4.789	3.932	689692	377891	40.876	56.830 #
10) L2 AR-1221-3	4.869	4.005	176533	59664	3.609	2.958
11) L3 AR-1232-1	4.869	4.005	176533	59664	4.322	3.550
12) L3 AR-1232-2	5.404	4.745	818976	534355	37.867	35.561
13) L3 AR-1232-3	5.681	4.907	1812904	144277	50.998	18.434 #
14) L3 AR-1232-4	5.874	4.995	8269	75881	0.487	10.092 #
15) L3 AR-1232-5	5.934	5.171	598974	131091	42.069	16.205 #
16) L4 AR-1242-1	5.644	4.745	54179	534355	1.190	25.523 #
17) L4 AR-1242-2	5.681	4.745	1812904	534355	26.470	18.377 #
18) L4 AR-1242-3	5.757	4.907	27094	144277	0.640	9.232 #
19) L4 AR-1242-4	5.874	4.995	8269	75881	0.252	4.582 #
20) L4 AR-1242-5	6.600	5.521	759781	2786007	21.450	150.120 #
21) L5 AR-1248-1	5.681	4.745	1812904	534355	53.568	34.098 #
22) L5 AR-1248-2	5.934	4.955	598974	335125	11.566	15.228 #
23) L5 AR-1248-3	6.097f	4.995	1399834	75881	24.770	3.232 #
24) L5 AR-1248-4	6.550	5.171	5127867	131091	90.457	4.915 #
25) L5 AR-1248-5	6.600	5.548	759781	1496742	12.845	63.430 #
26) L6 AR-1254-1	6.505	5.521	6746319	2786007	106.807	72.658 #
27) L6 AR-1254-2	6.738	5.666	3972271	1539627	41.392	44.720
28) L6 AR-1254-3	7.103	6.070	5661251	3243702	60.167	62.425
29) L6 AR-1254-4	7.388	6.299	2085304	1054997	35.815	38.436
30) L6 AR-1254-5	7.808	6.716	4825135	4041666	69.084	93.302 #
31) L7 AR-1260-1	7.265	6.200	2545618	2554421	35.008	69.621 #
32) L7 AR-1260-2	7.519	6.388	9966010	1272540	121.034	30.327 #
33) L7 AR-1260-3	7.883	6.542	752560	1122988	12.165	28.063 #
34) L7 AR-1260-4	8.095	7.013	4195074	802423	62.230	24.918 #
35) L7 AR-1260-5	8.434	7.255	2826313	1438226	21.754	20.528
36) L8 AR-1262-1	7.883	6.752	752560	758502	8.653	16.758 #
37) L8 AR-1262-2	8.434	7.013	2826313	802423	20.037	19.900
38) L8 AR-1262-3	8.771	7.541	1398502	489029	14.165	15.753
39) L8 AR-1262-4	8.846	7.602	1022138	1051228	13.319	19.405 #
40) L8 AR-1262-5	9.525	8.099	76651	172951	1.580	7.003 #
41) L9 AR-1268-1	8.771	7.541	1398502	489029	8.054	5.352 #

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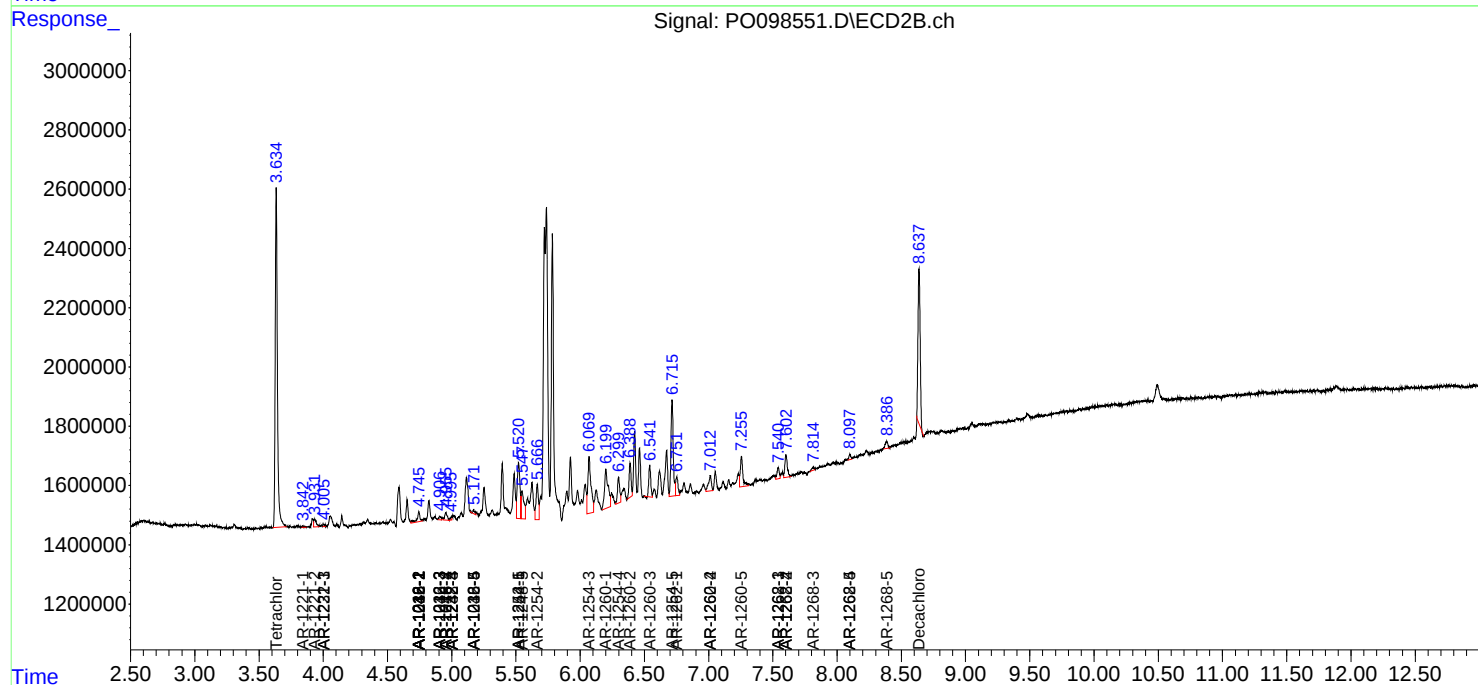
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

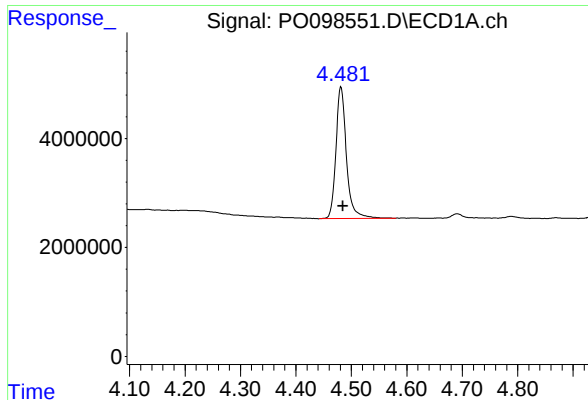
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.846	7.602	1022138	1051228	6.555	13.558 #
43) L9	AR-1268-3	9.098	7.814	41436	117726	0.303	1.777 #
44) L9	AR-1268-4	9.525	8.099	76651	172951	1.439	6.389 #
45) L9	AR-1268-5	9.948	8.386	615079	341148	1.401	1.724

(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

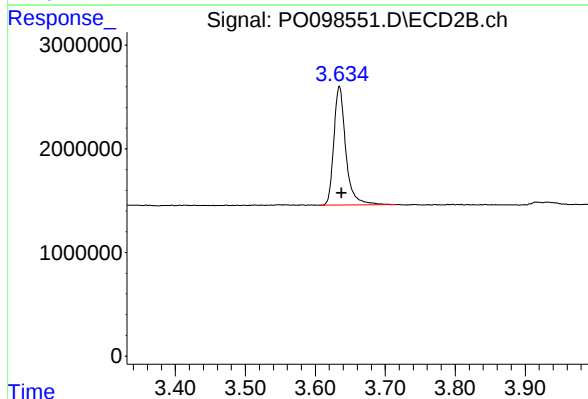




#1 Tetrachloro-m-xylene

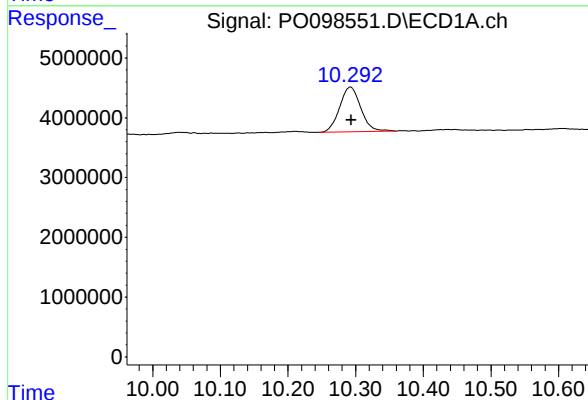
R.T.: 4.481 min
Delta R.T.: -0.004 min
Response: 31867099
Conc: 16.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



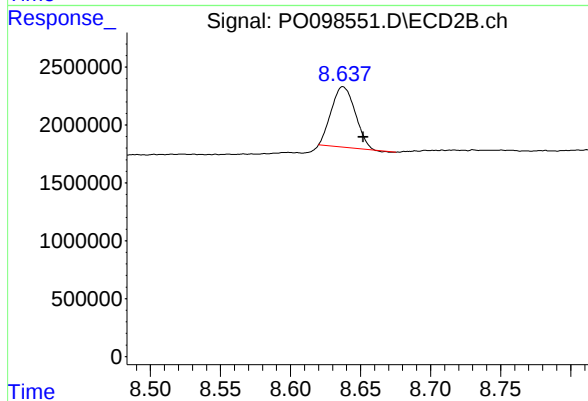
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: -0.003 min
Response: 13574072
Conc: 17.43 ng/ml



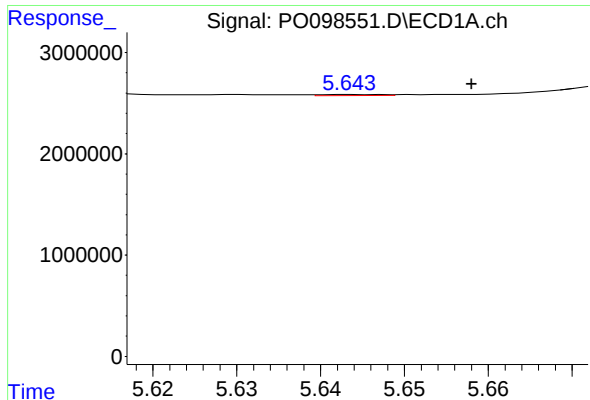
#2 Decachlorobiphenyl

R.T.: 10.292 min
Delta R.T.: -0.001 min
Response: 16265710
Conc: 13.40 ng/ml



#2 Decachlorobiphenyl

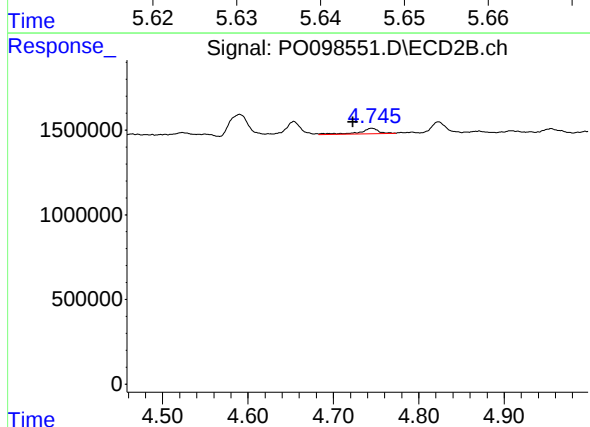
R.T.: 8.638 min
Delta R.T.: -0.014 min
Response: 6187624
Conc: 11.55 ng/ml



#3 AR-1016-1

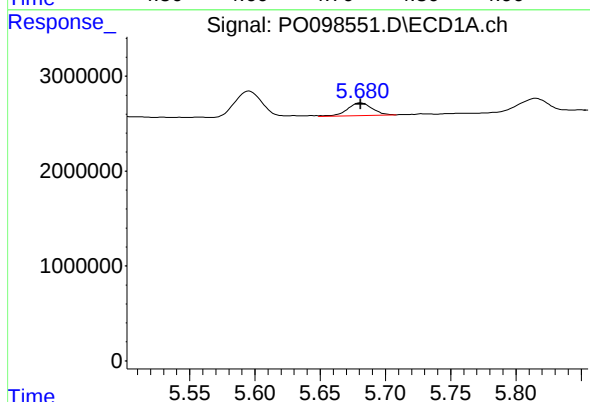
R.T.: 5.644 min
Delta R.T.: -0.014 min
Response: 54179
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



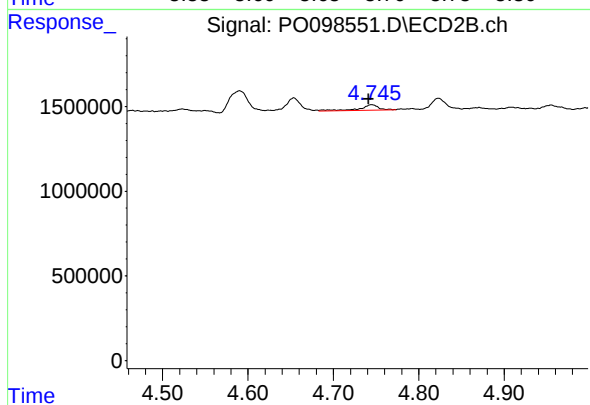
#3 AR-1016-1

R.T.: 4.745 min
Delta R.T.: 0.022 min
Response: 534355
Conc: 22.39 ng/ml



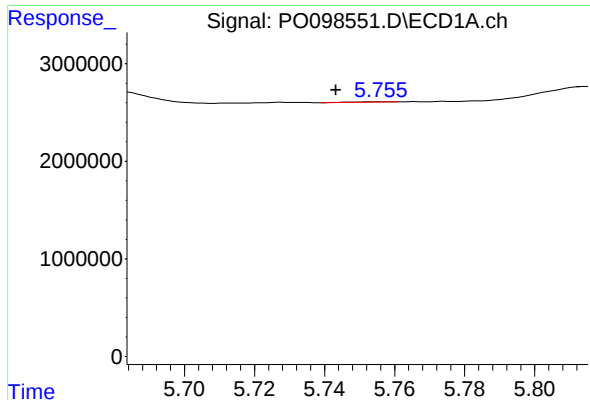
#4 AR-1016-2

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 1812904
Conc: 22.33 ng/ml



#4 AR-1016-2

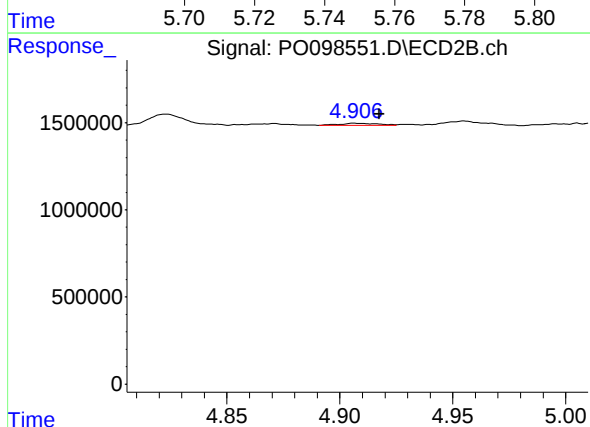
R.T.: 4.745 min
Delta R.T.: 0.003 min
Response: 534355
Conc: 15.69 ng/ml



#5 AR-1016-3

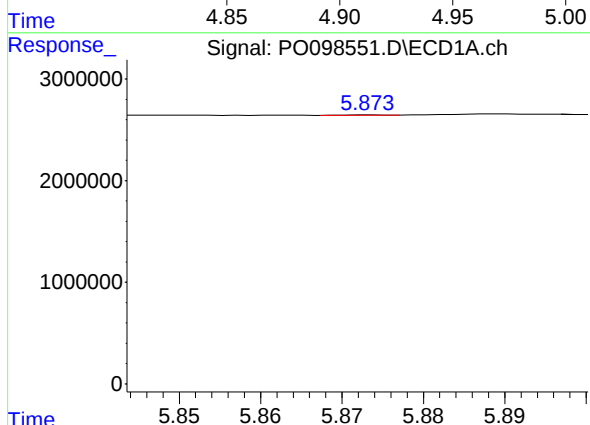
R.T.: 5.757 min
Delta R.T.: 0.013 min
Response: 27094
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



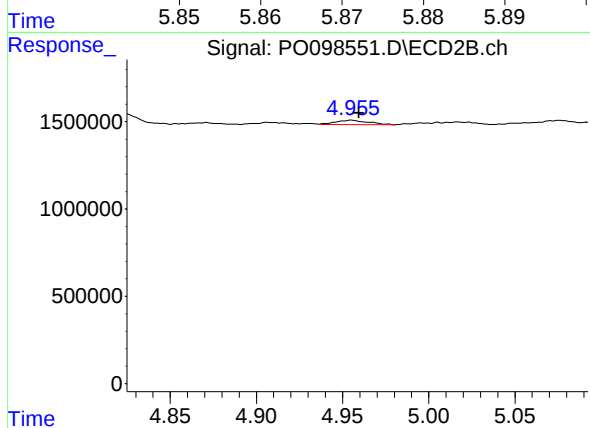
#5 AR-1016-3

R.T.: 4.907 min
Delta R.T.: -0.010 min
Response: 144277
Conc: 8.02 ng/ml



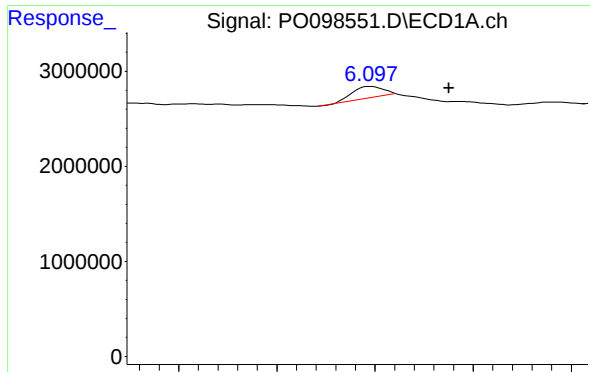
#6 AR-1016-4

R.T.: 5.874 min
Delta R.T.: 0.032 min
Response: 8269
Conc: 0.21 ng/ml



#6 AR-1016-4

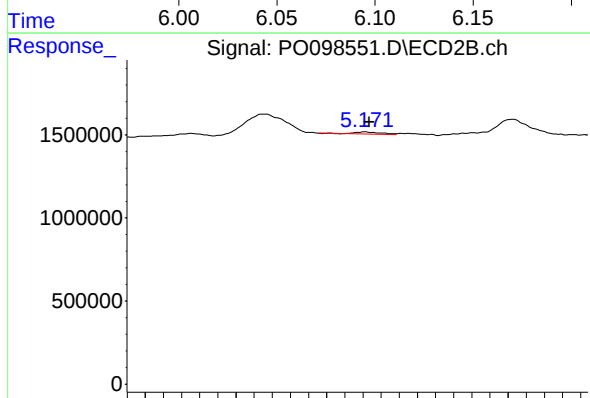
R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 335125
Conc: 22.35 ng/ml



#7 AR-1016-5

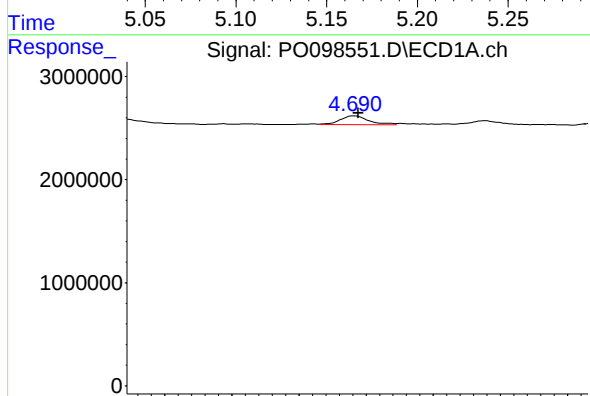
R.T.: 6.097 min
Delta R.T.: -0.040 min
Response: 1399834
Conc: 34.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



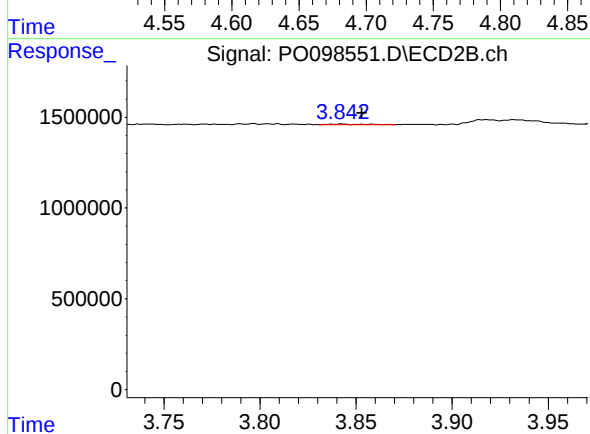
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.003 min
Response: 131091
Conc: 6.75 ng/ml



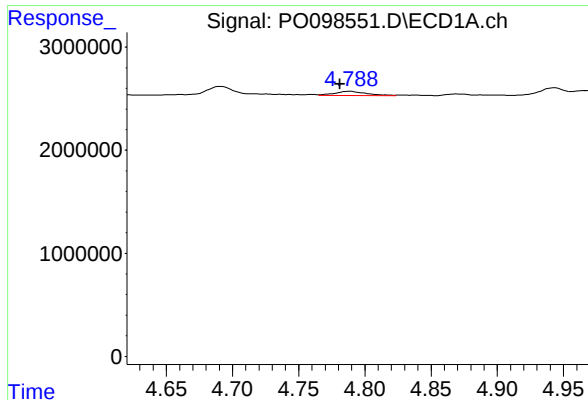
#8 AR-1221-1

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 1285164
Conc: 57.08 ng/ml



#8 AR-1221-1

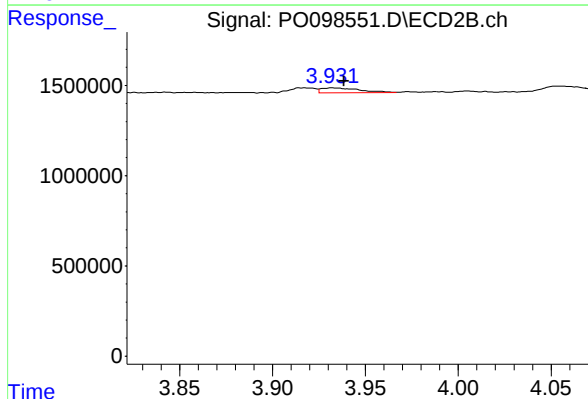
R.T.: 3.843 min
Delta R.T.: -0.010 min
Response: 44730
Conc: 4.87 ng/ml



#9 AR-1221-2

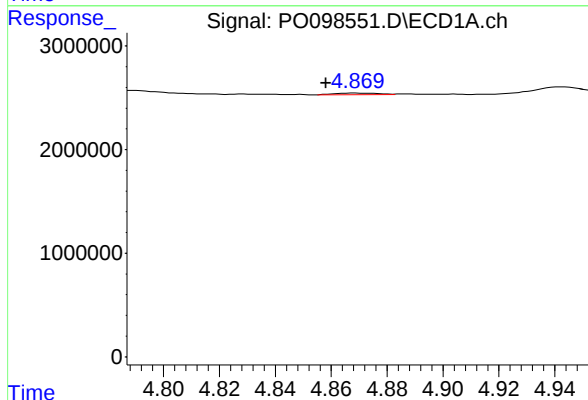
R.T.: 4.789 min
Delta R.T.: 0.008 min
Response: 689692
Conc: 40.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



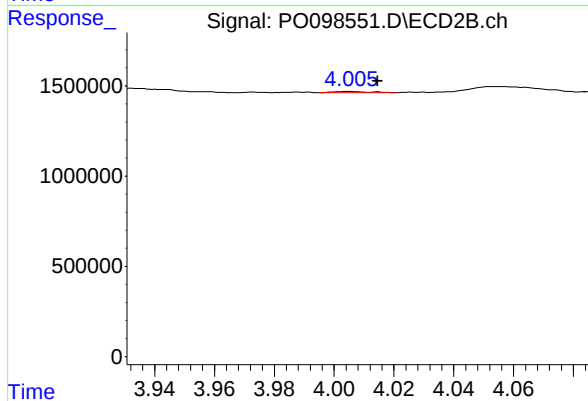
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: -0.006 min
Response: 377891
Conc: 56.83 ng/ml



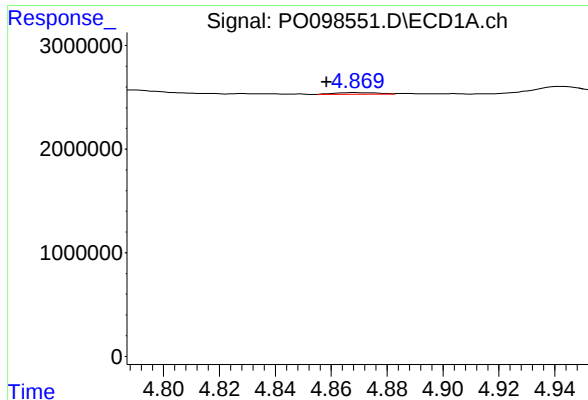
#10 AR-1221-3

R.T.: 4.869 min
Delta R.T.: 0.011 min
Response: 176533
Conc: 3.61 ng/ml



#10 AR-1221-3

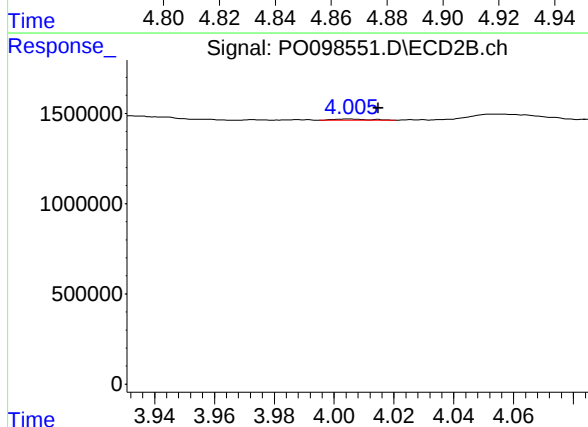
R.T.: 4.005 min
Delta R.T.: -0.010 min
Response: 59664
Conc: 2.96 ng/ml



#11 AR-1232-1

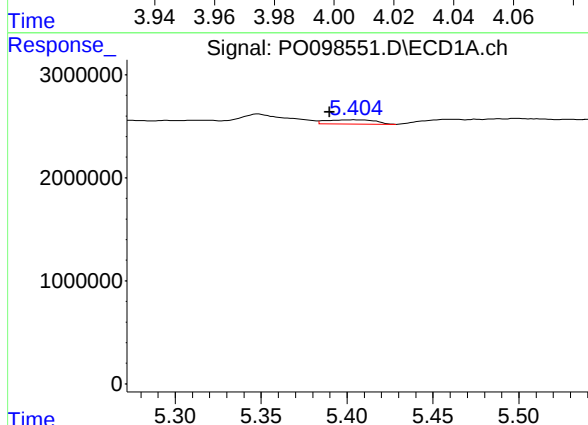
R.T.: 4.869 min
Delta R.T.: 0.011 min
Response: 176533
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



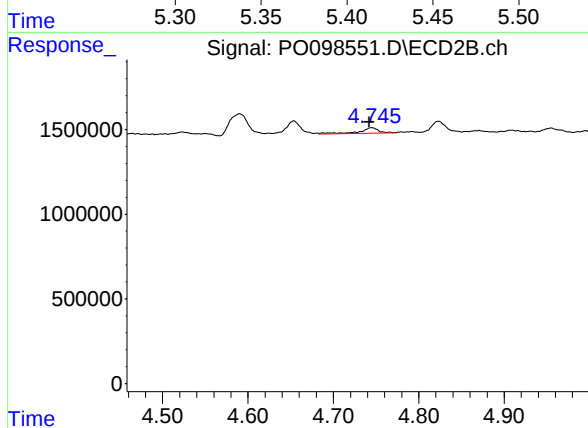
#11 AR-1232-1

R.T.: 4.005 min
Delta R.T.: -0.010 min
Response: 59664
Conc: 3.55 ng/ml



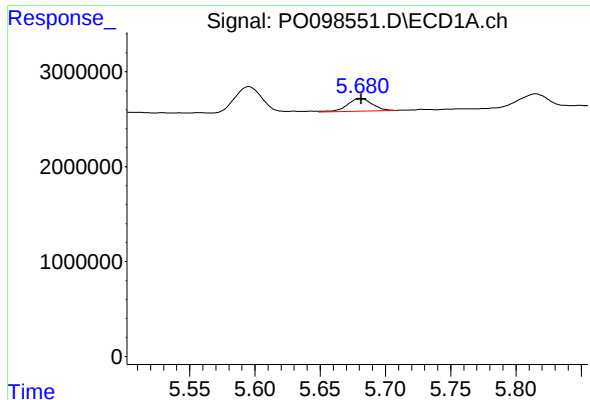
#12 AR-1232-2

R.T.: 5.404 min
Delta R.T.: 0.014 min
Response: 818976
Conc: 37.87 ng/ml



#12 AR-1232-2

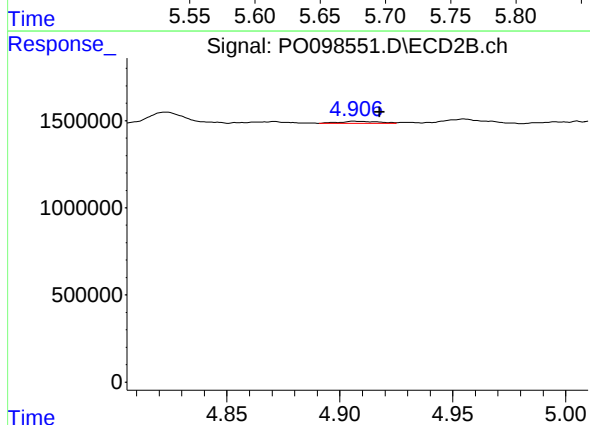
R.T.: 4.745 min
Delta R.T.: 0.003 min
Response: 534355
Conc: 35.56 ng/ml



#13 AR-1232-3

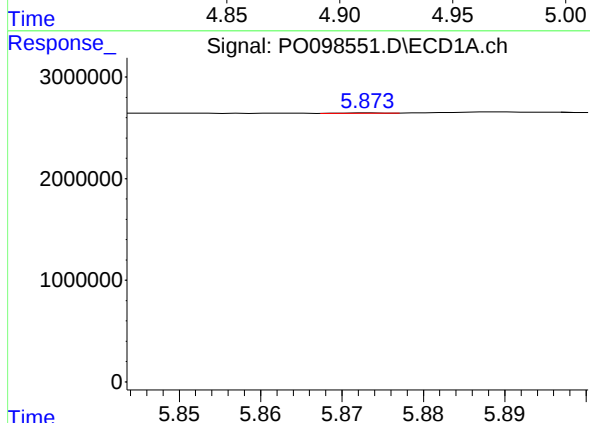
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 1812904
Conc: 51.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



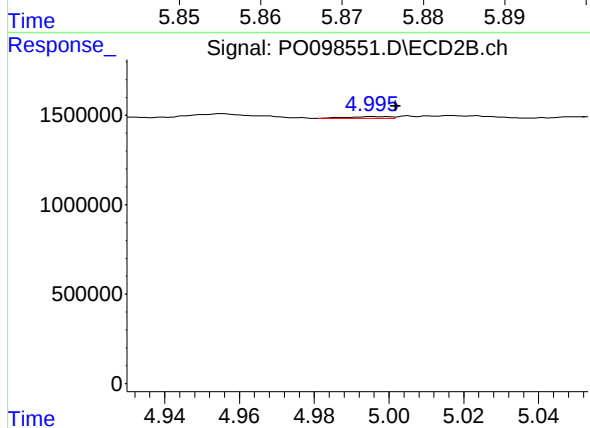
#13 AR-1232-3

R.T.: 4.907 min
Delta R.T.: -0.011 min
Response: 144277
Conc: 18.43 ng/ml



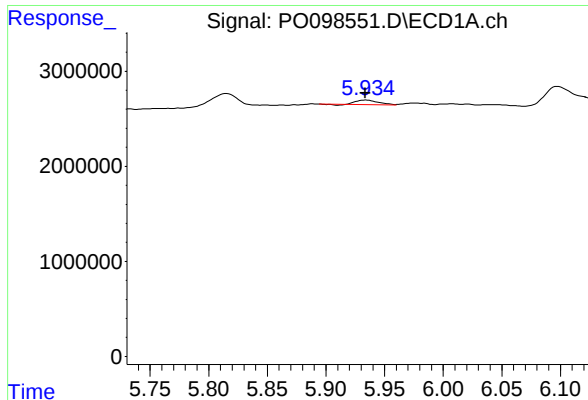
#14 AR-1232-4

R.T.: 5.874 min
Delta R.T.: 0.031 min
Response: 8269
Conc: 0.49 ng/ml



#14 AR-1232-4

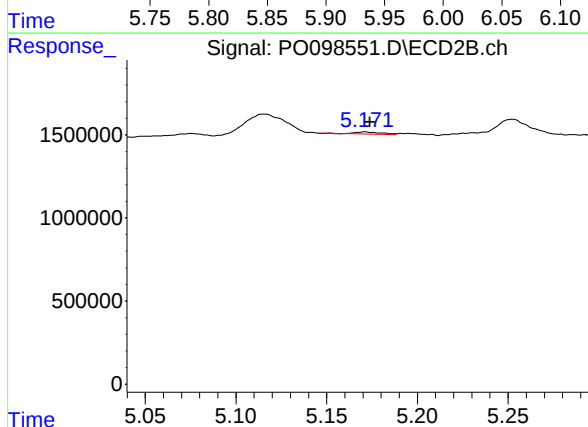
R.T.: 4.995 min
Delta R.T.: -0.006 min
Response: 75881
Conc: 10.09 ng/ml



#15 AR-1232-5

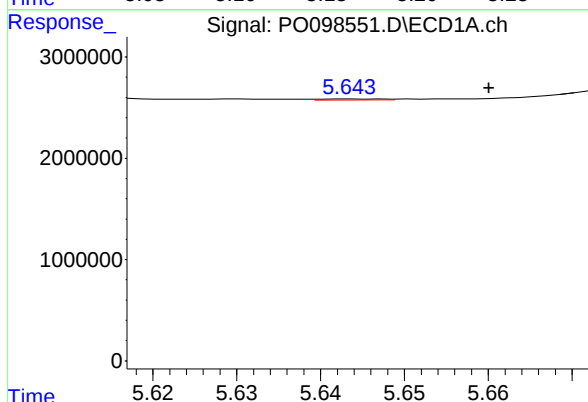
R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 598974
Conc: 42.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



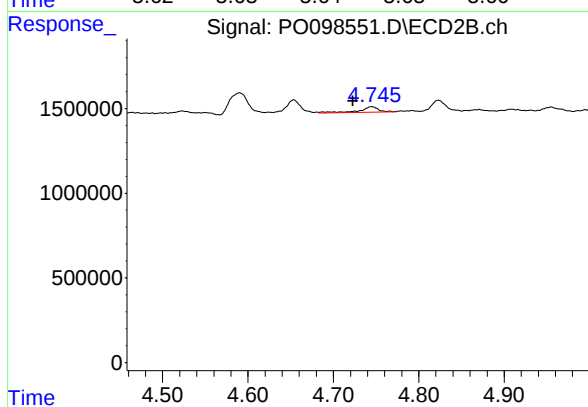
#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: -0.003 min
Response: 131091
Conc: 16.20 ng/ml



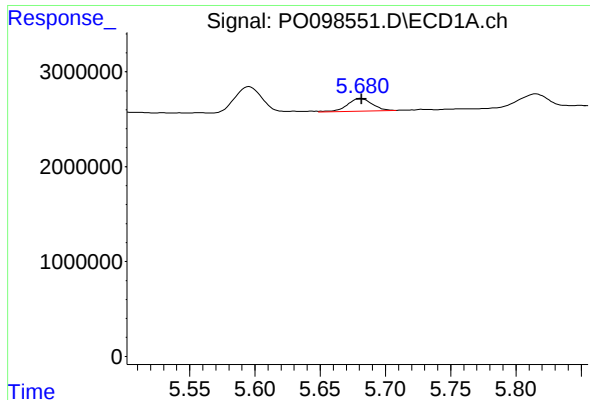
#16 AR-1242-1

R.T.: 5.644 min
Delta R.T.: -0.016 min
Response: 54179
Conc: 1.19 ng/ml



#16 AR-1242-1

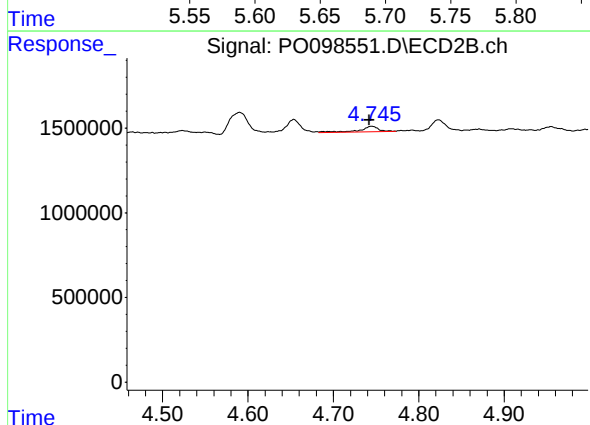
R.T.: 4.745 min
Delta R.T.: 0.022 min
Response: 534355
Conc: 25.52 ng/ml



#17 AR-1242-2

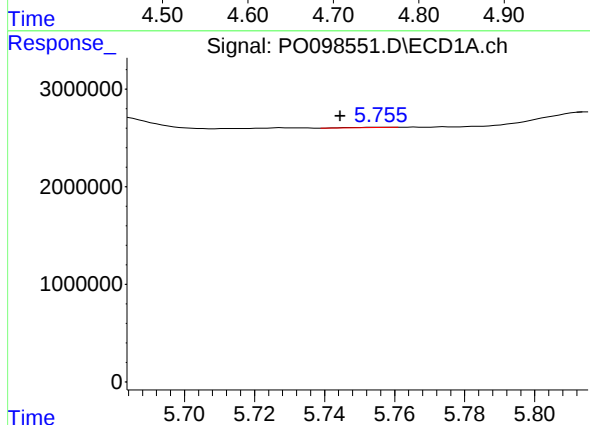
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 1812904
Conc: 26.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



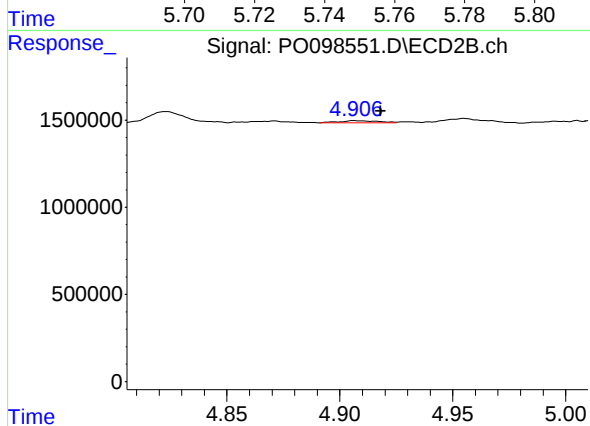
#17 AR-1242-2

R.T.: 4.745 min
Delta R.T.: 0.003 min
Response: 534355
Conc: 18.38 ng/ml



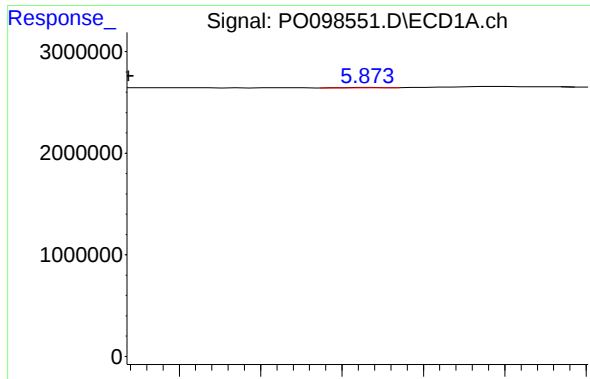
#18 AR-1242-3

R.T.: 5.757 min
Delta R.T.: 0.012 min
Response: 27094
Conc: 0.64 ng/ml



#18 AR-1242-3

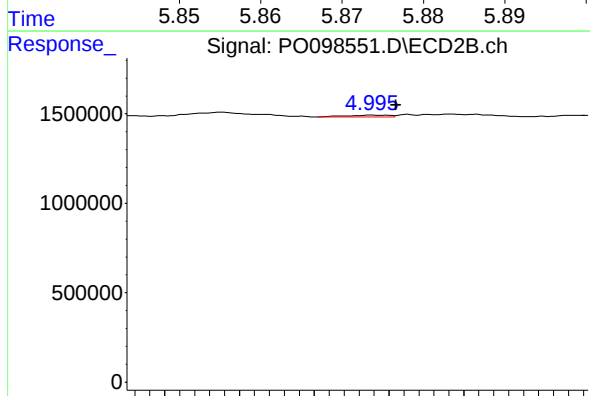
R.T.: 4.907 min
Delta R.T.: -0.011 min
Response: 144277
Conc: 9.23 ng/ml



#19 AR-1242-4

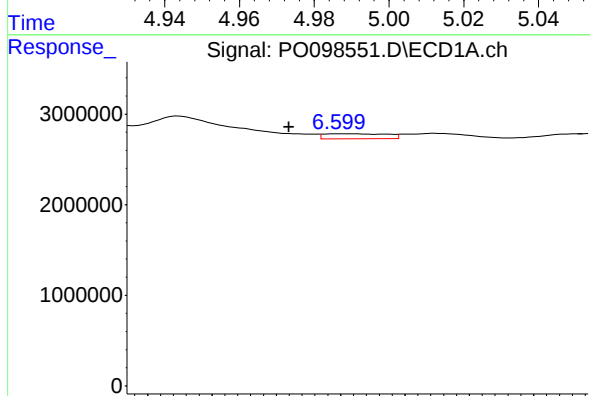
R.T.: 5.874 min
Delta R.T.: 0.030 min
Response: 8269
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



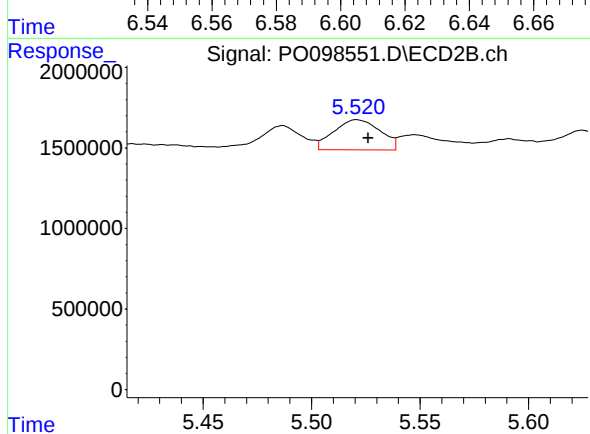
#19 AR-1242-4

R.T.: 4.995 min
Delta R.T.: -0.006 min
Response: 75881
Conc: 4.58 ng/ml



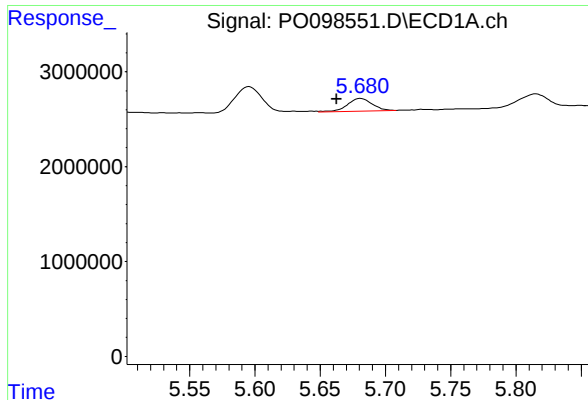
#20 AR-1242-5

R.T.: 6.600 min
Delta R.T.: 0.016 min
Response: 759781
Conc: 21.45 ng/ml



#20 AR-1242-5

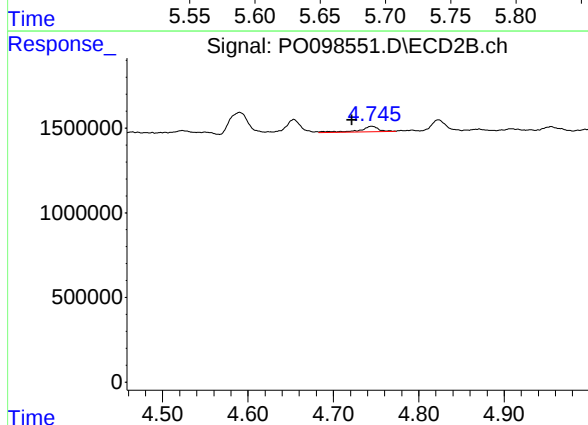
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 2786007
Conc: 150.12 ng/ml



#21 AR-1248-1

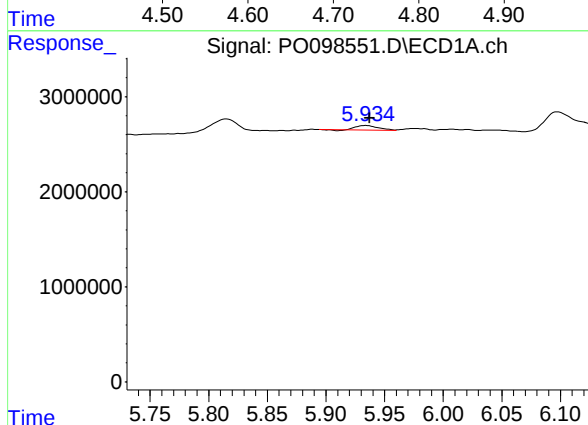
R.T.: 5.681 min
Delta R.T.: 0.018 min
Response: 1812904
Conc: 53.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



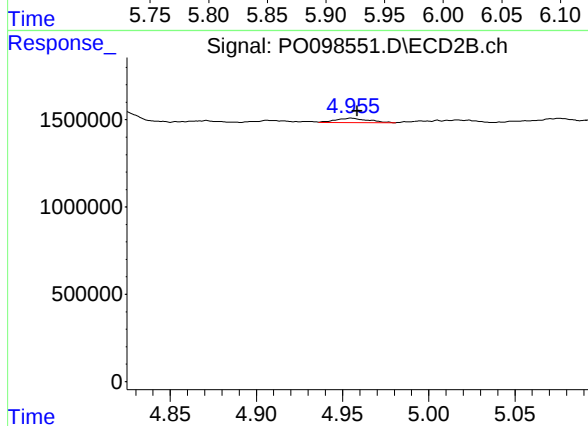
#21 AR-1248-1

R.T.: 4.745 min
Delta R.T.: 0.023 min
Response: 534355
Conc: 34.10 ng/ml



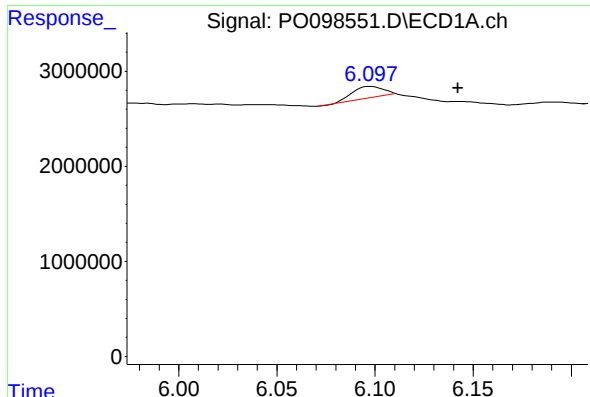
#22 AR-1248-2

R.T.: 5.934 min
Delta R.T.: -0.003 min
Response: 598974
Conc: 11.57 ng/ml



#22 AR-1248-2

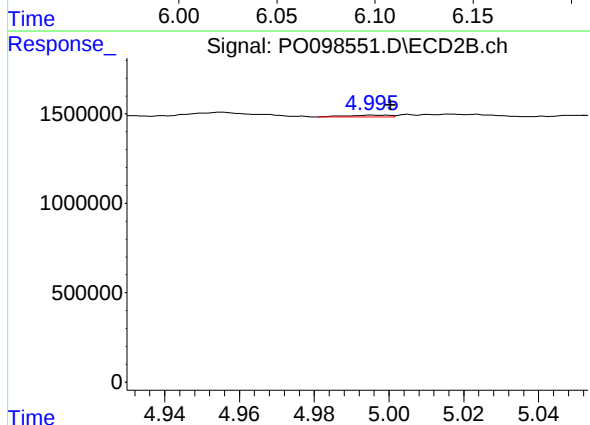
R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 335125
Conc: 15.23 ng/ml



#23 AR-1248-3

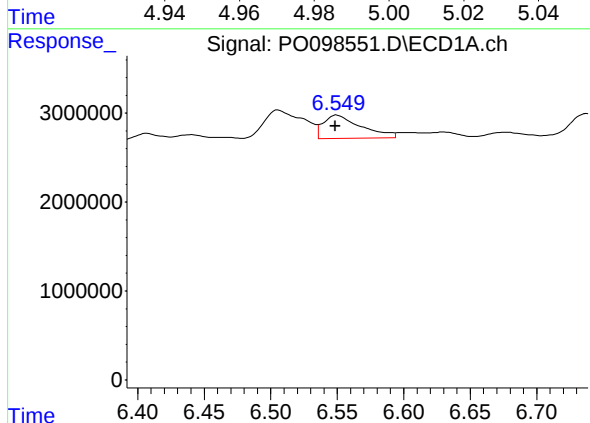
R.T.: 6.097 min
Delta R.T.: -0.045 min
Response: 1399834
Conc: 24.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



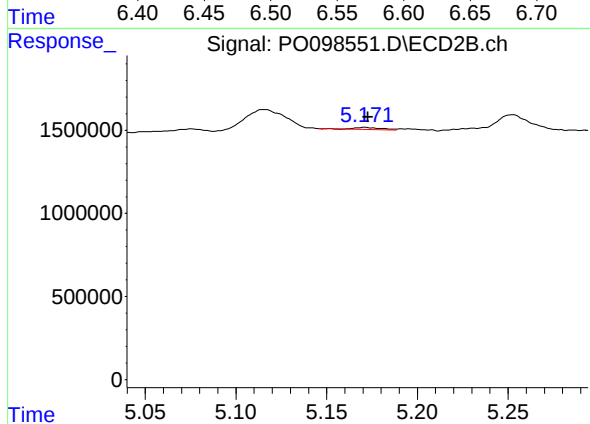
#23 AR-1248-3

R.T.: 4.995 min
Delta R.T.: -0.005 min
Response: 75881
Conc: 3.23 ng/ml



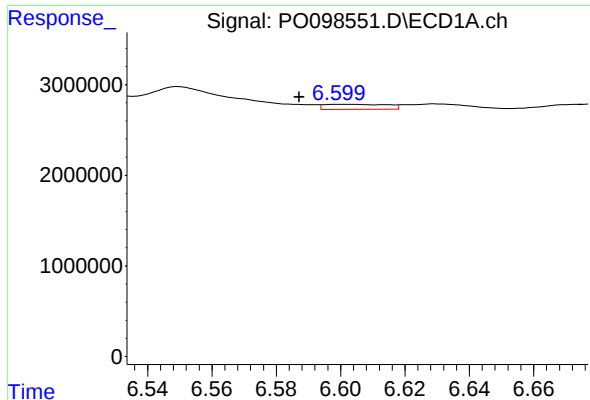
#24 AR-1248-4

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 5127867
Conc: 90.46 ng/ml



#24 AR-1248-4

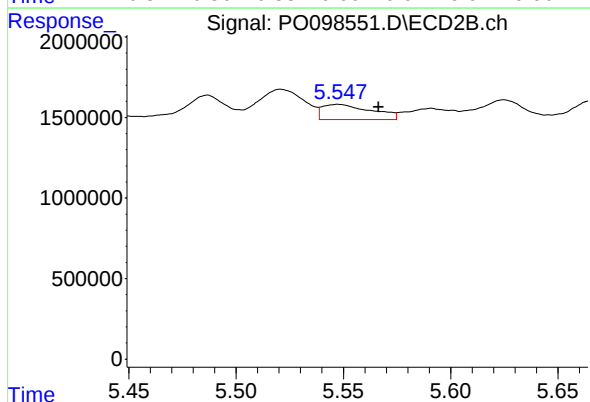
R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 131091
Conc: 4.91 ng/ml



#25 AR-1248-5

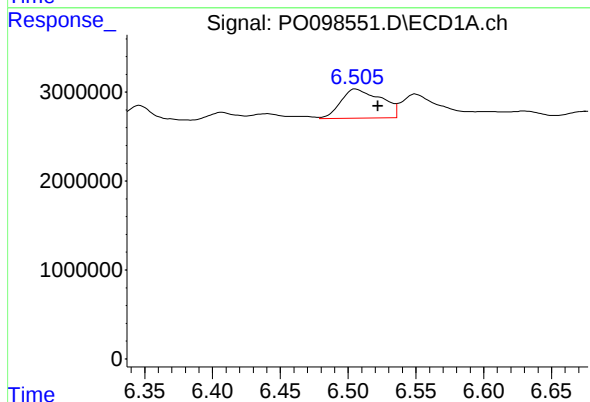
R.T.: 6.600 min
Delta R.T.: 0.013 min
Response: 759781
Conc: 12.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



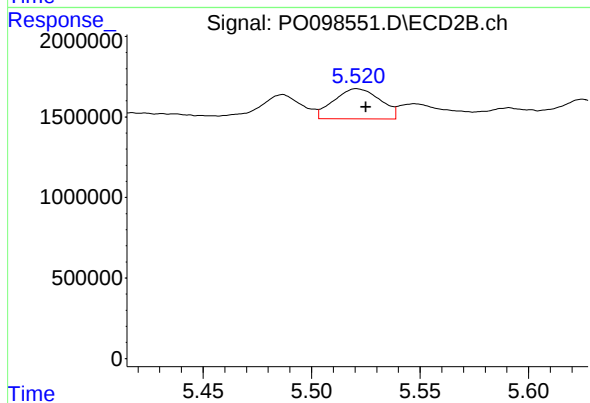
#25 AR-1248-5

R.T.: 5.548 min
Delta R.T.: -0.019 min
Response: 1496742
Conc: 63.43 ng/ml



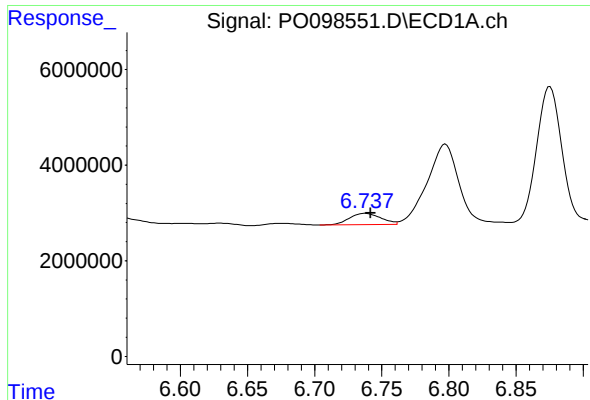
#26 AR-1254-1

R.T.: 6.505 min
Delta R.T.: -0.016 min
Response: 6746319
Conc: 106.81 ng/ml



#26 AR-1254-1

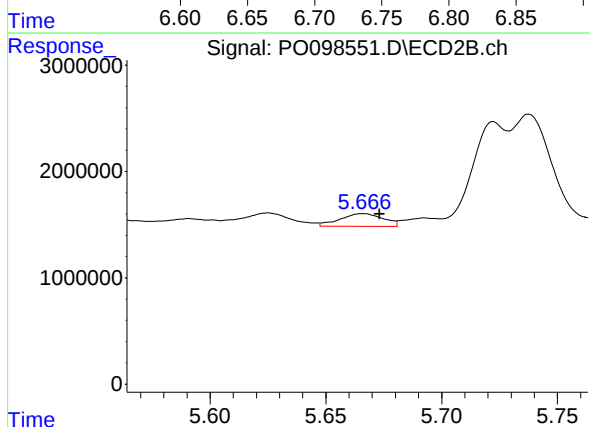
R.T.: 5.521 min
Delta R.T.: -0.004 min
Response: 2786007
Conc: 72.66 ng/ml



#27 AR-1254-2

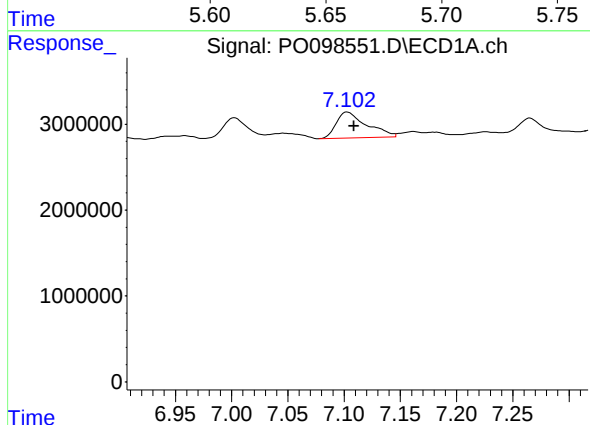
R.T.: 6.738 min
Delta R.T.: -0.004 min
Response: 3972271
Conc: 41.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



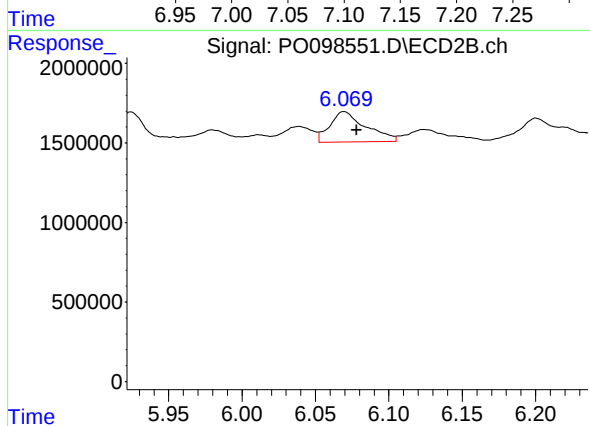
#27 AR-1254-2

R.T.: 5.666 min
Delta R.T.: -0.007 min
Response: 1539627
Conc: 44.72 ng/ml



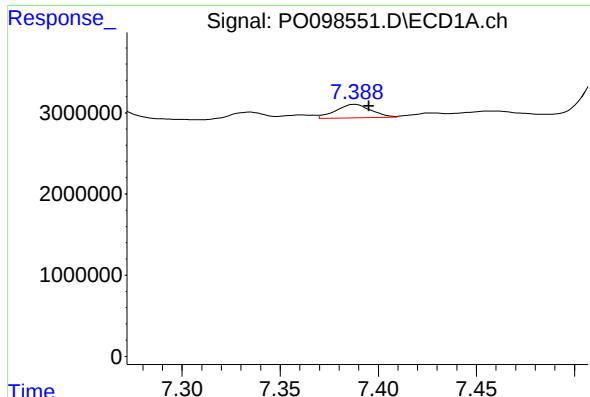
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: -0.006 min
Response: 5661251
Conc: 60.17 ng/ml



#28 AR-1254-3

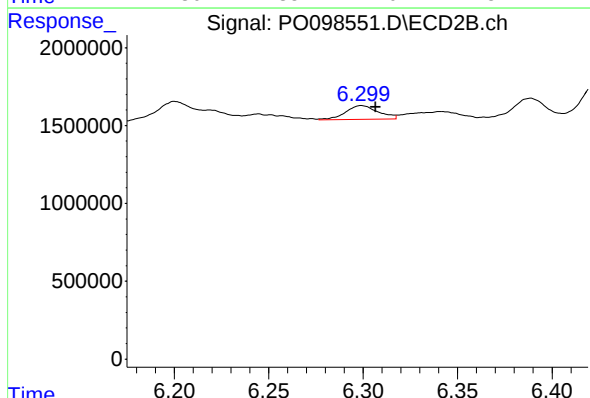
R.T.: 6.070 min
Delta R.T.: -0.009 min
Response: 3243702
Conc: 62.42 ng/ml



#29 AR-1254-4

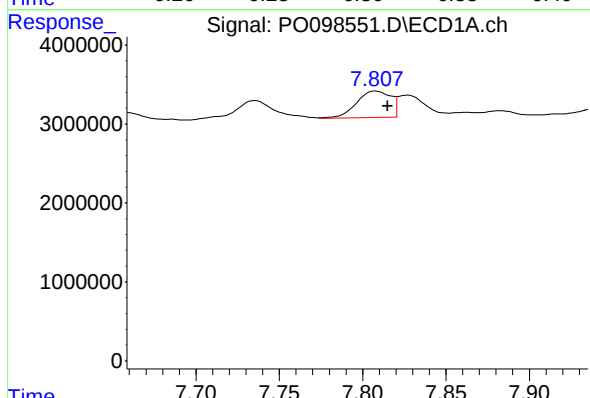
R.T.: 7.388 min
Delta R.T.: -0.007 min
Response: 2085304
Conc: 35.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



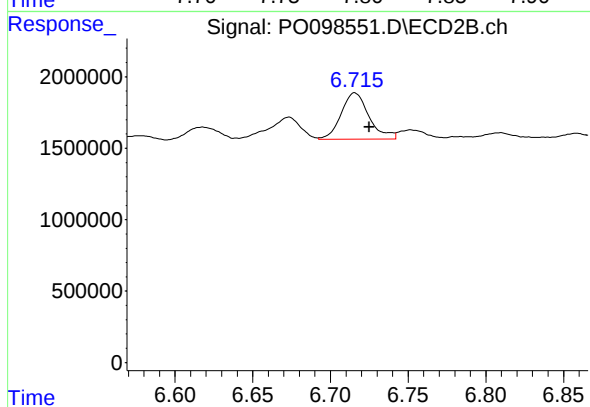
#29 AR-1254-4

R.T.: 6.299 min
Delta R.T.: -0.007 min
Response: 1054997
Conc: 38.44 ng/ml



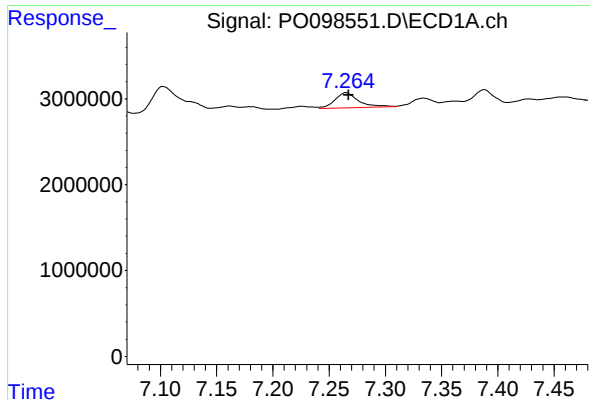
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.007 min
Response: 4825135
Conc: 69.08 ng/ml



#30 AR-1254-5

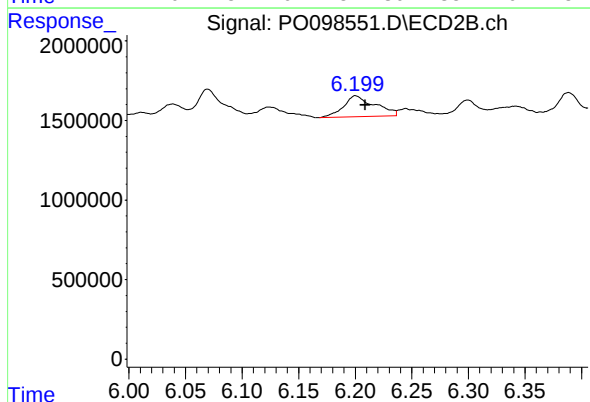
R.T.: 6.716 min
Delta R.T.: -0.009 min
Response: 4041666
Conc: 93.30 ng/ml



#31 AR-1260-1

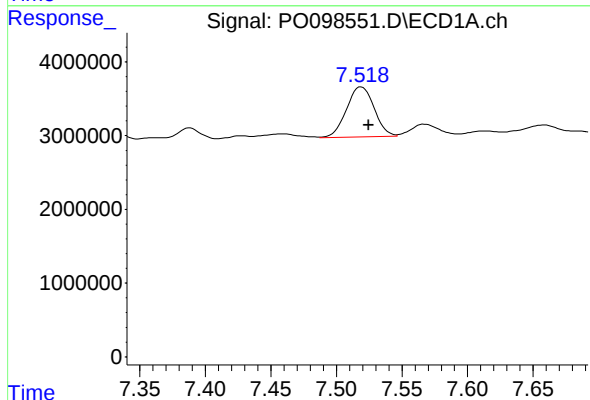
R.T.: 7.265 min
Delta R.T.: -0.002 min
Response: 2545618
Conc: 35.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



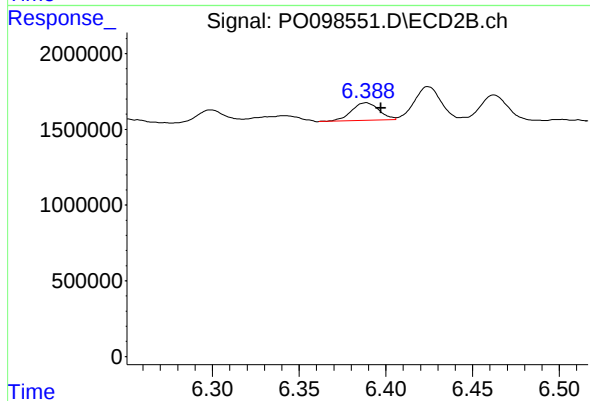
#31 AR-1260-1

R.T.: 6.200 min
Delta R.T.: -0.009 min
Response: 2554421
Conc: 69.62 ng/ml



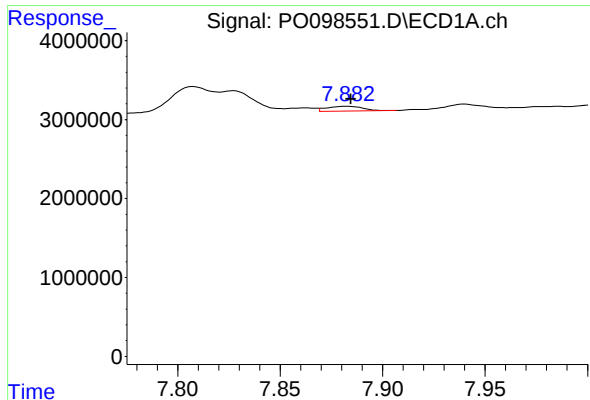
#32 AR-1260-2

R.T.: 7.519 min
Delta R.T.: -0.006 min
Response: 9966010
Conc: 121.03 ng/ml



#32 AR-1260-2

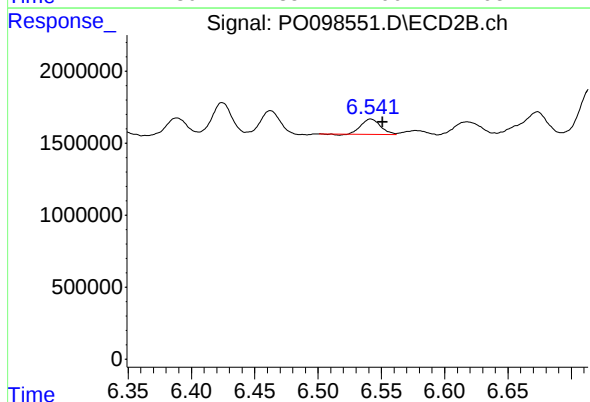
R.T.: 6.388 min
Delta R.T.: -0.009 min
Response: 1272540
Conc: 30.33 ng/ml



#33 AR-1260-3

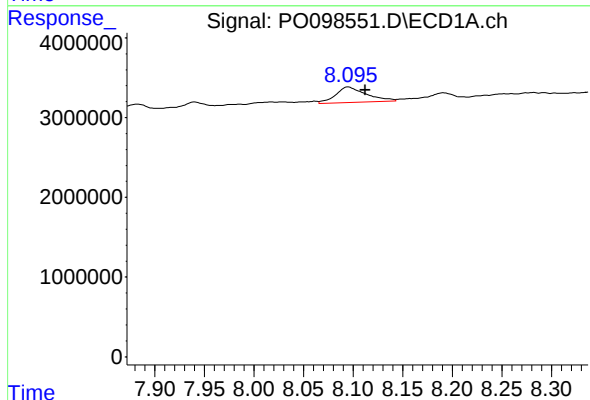
R.T.: 7.883 min
Delta R.T.: -0.002 min
Response: 752560
Conc: 12.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



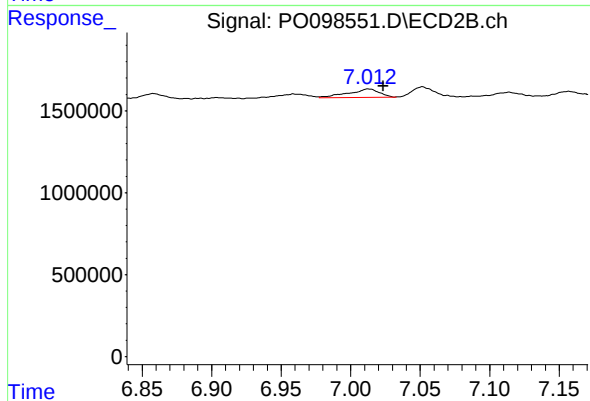
#33 AR-1260-3

R.T.: 6.542 min
Delta R.T.: -0.009 min
Response: 1122988
Conc: 28.06 ng/ml



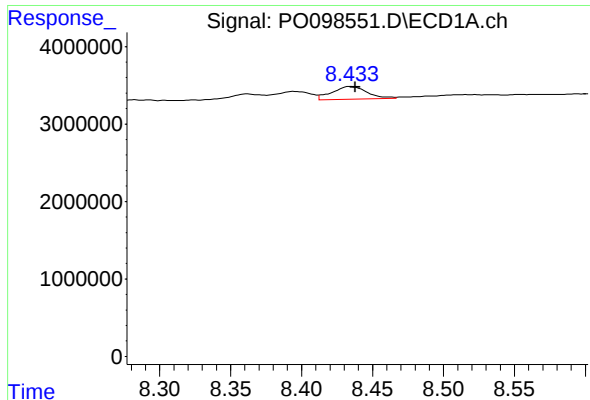
#34 AR-1260-4

R.T.: 8.095 min
Delta R.T.: -0.017 min
Response: 4195074
Conc: 62.23 ng/ml



#34 AR-1260-4

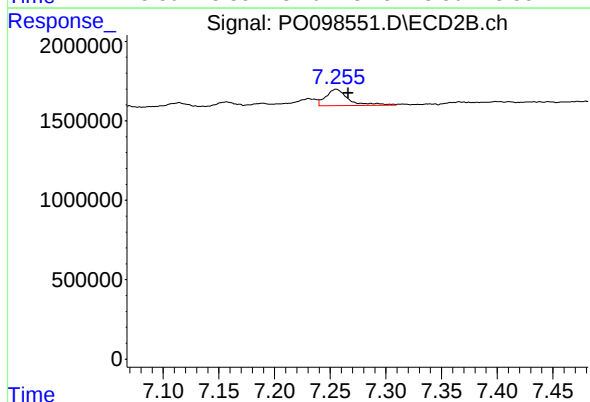
R.T.: 7.013 min
Delta R.T.: -0.011 min
Response: 802423
Conc: 24.92 ng/ml



#35 AR-1260-5

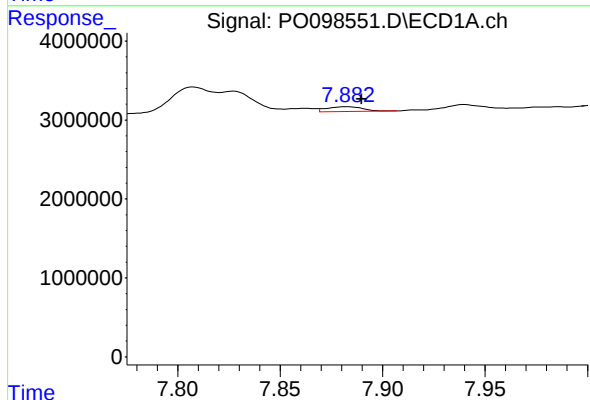
R.T.: 8.434 min
Delta R.T.: -0.004 min
Response: 2826313
Conc: 21.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



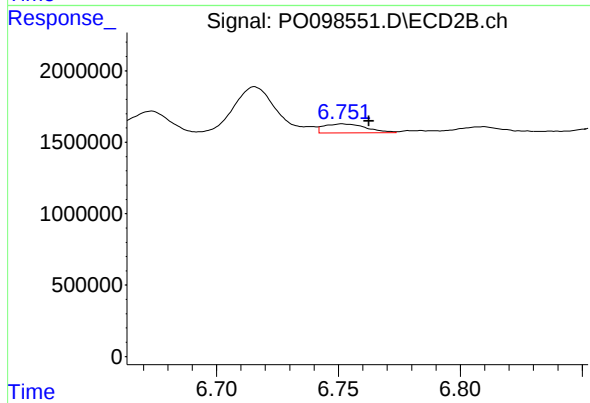
#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: -0.011 min
Response: 1438226
Conc: 20.53 ng/ml



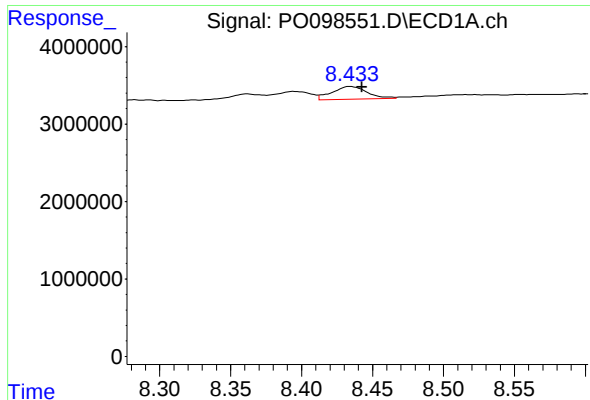
#36 AR-1262-1

R.T.: 7.883 min
Delta R.T.: -0.007 min
Response: 752560
Conc: 8.65 ng/ml



#36 AR-1262-1

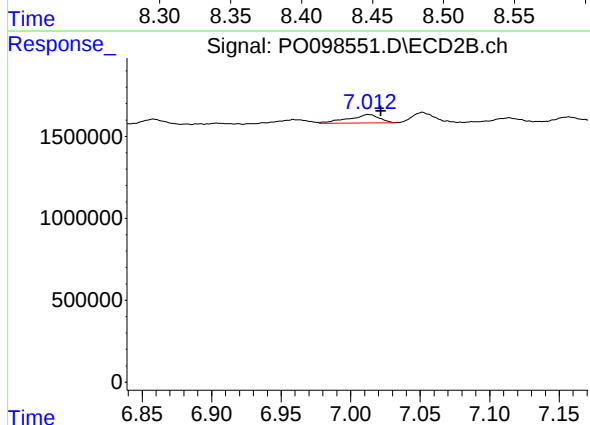
R.T.: 6.752 min
Delta R.T.: -0.010 min
Response: 758502
Conc: 16.76 ng/ml



#37 AR-1262-2

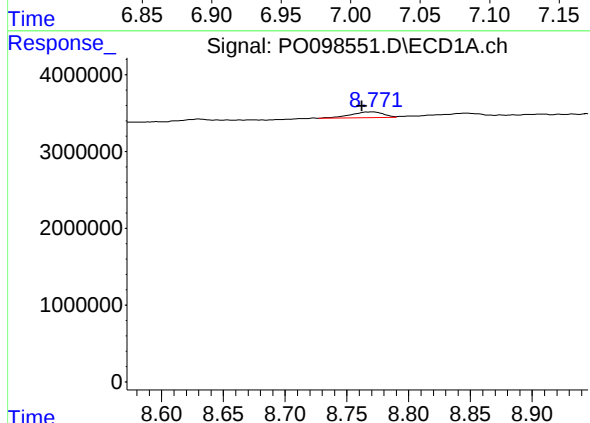
R.T.: 8.434 min
Delta R.T.: -0.008 min
Response: 2826313
Conc: 20.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



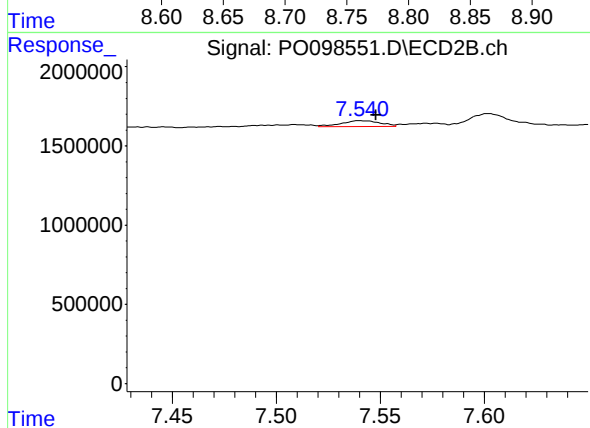
#37 AR-1262-2

R.T.: 7.013 min
Delta R.T.: -0.009 min
Response: 802423
Conc: 19.90 ng/ml



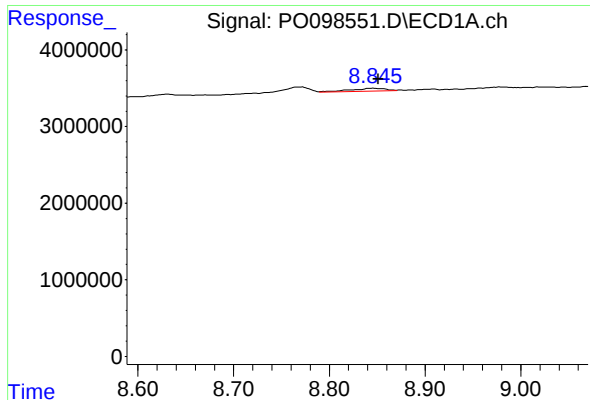
#38 AR-1262-3

R.T.: 8.771 min
Delta R.T.: 0.009 min
Response: 1398502
Conc: 14.16 ng/ml



#38 AR-1262-3

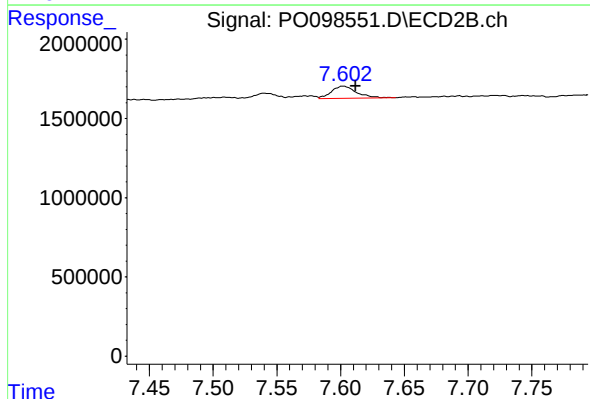
R.T.: 7.541 min
Delta R.T.: -0.007 min
Response: 489029
Conc: 15.75 ng/ml



#39 AR-1262-4

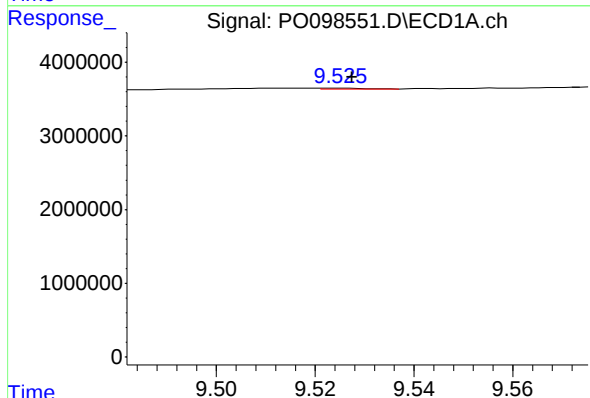
R.T.: 8.846 min
Delta R.T.: -0.005 min
Response: 1022138
Conc: 13.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



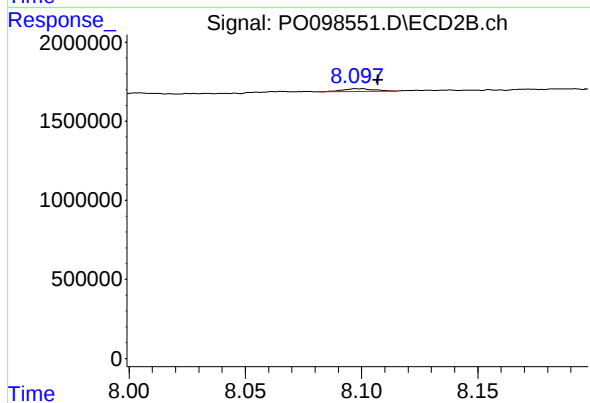
#39 AR-1262-4

R.T.: 7.602 min
Delta R.T.: -0.010 min
Response: 1051228
Conc: 19.40 ng/ml



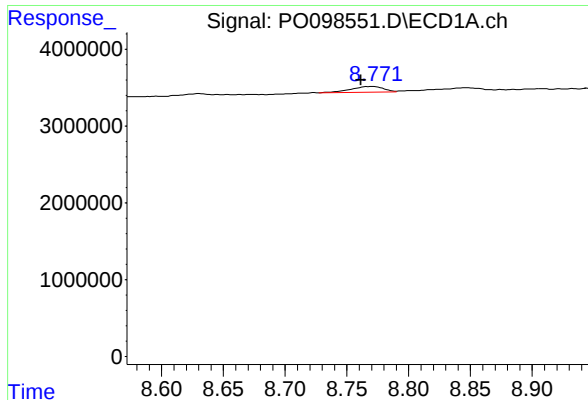
#40 AR-1262-5

R.T.: 9.525 min
Delta R.T.: -0.003 min
Response: 76651
Conc: 1.58 ng/ml



#40 AR-1262-5

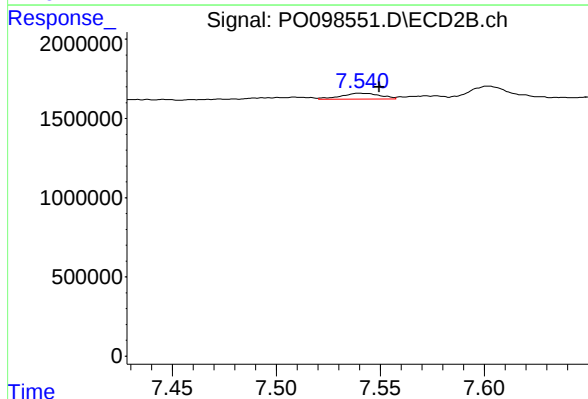
R.T.: 8.099 min
Delta R.T.: -0.008 min
Response: 172951
Conc: 7.00 ng/ml



#41 AR-1268-1

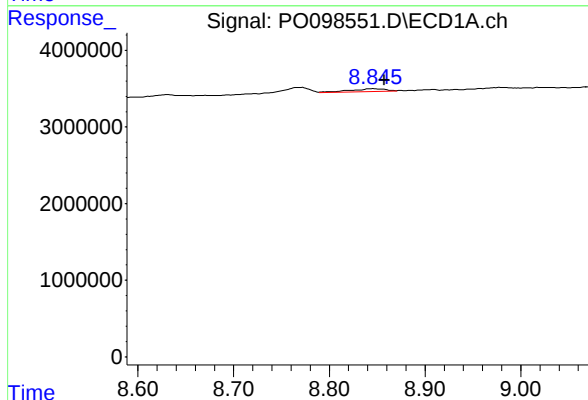
R.T.: 8.771 min
Delta R.T.: 0.010 min
Response: 1398502
Conc: 8.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



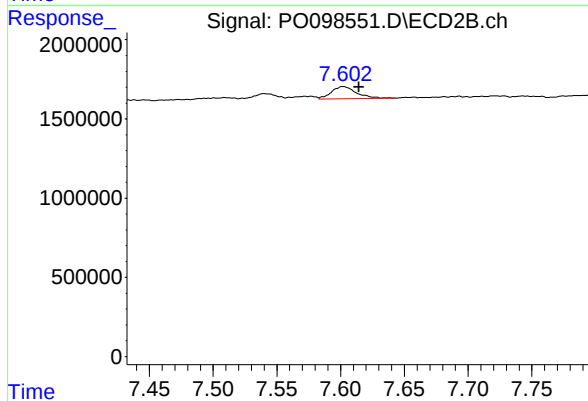
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: -0.009 min
Response: 489029
Conc: 5.35 ng/ml



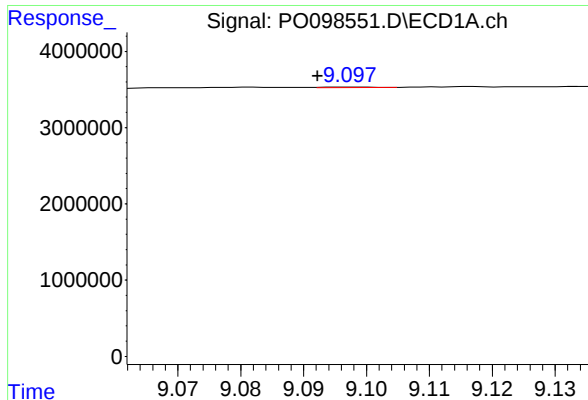
#42 AR-1268-2

R.T.: 8.846 min
Delta R.T.: -0.011 min
Response: 1022138
Conc: 6.56 ng/ml



#42 AR-1268-2

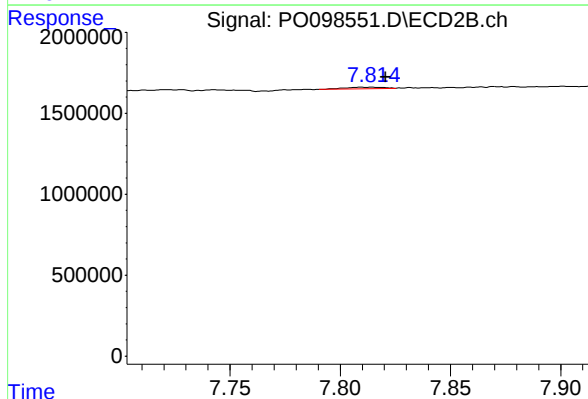
R.T.: 7.602 min
Delta R.T.: -0.012 min
Response: 1051228
Conc: 13.56 ng/ml



#43 AR-1268-3

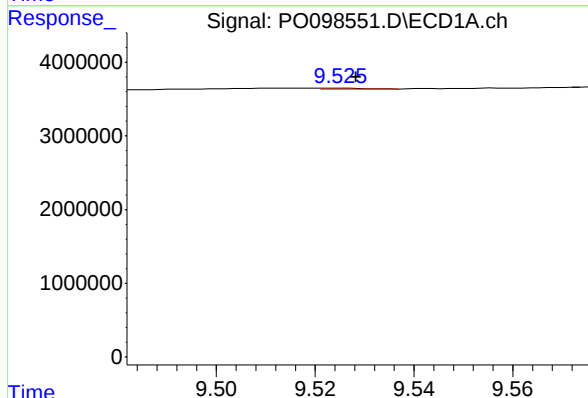
R.T.: 9.098 min
Delta R.T.: 0.005 min
Response: 41436
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



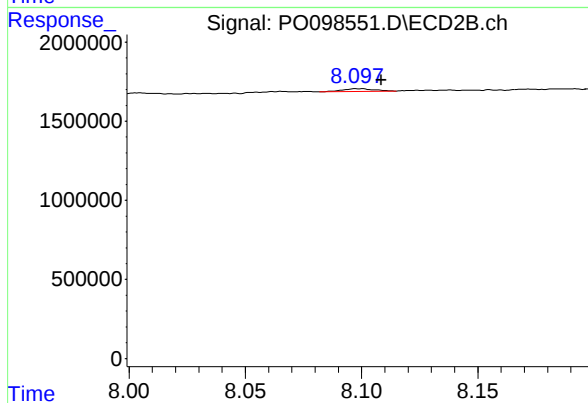
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: -0.006 min
Response: 117726
Conc: 1.78 ng/ml



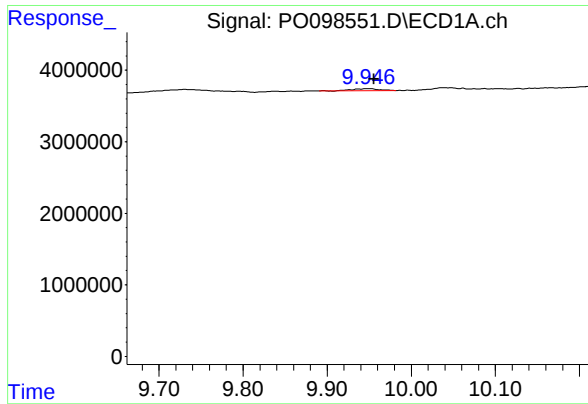
#44 AR-1268-4

R.T.: 9.525 min
Delta R.T.: -0.003 min
Response: 76651
Conc: 1.44 ng/ml



#44 AR-1268-4

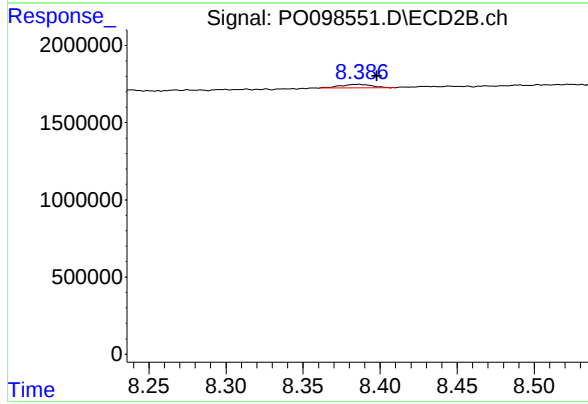
R.T.: 8.099 min
Delta R.T.: -0.010 min
Response: 172951
Conc: 6.39 ng/ml



#45 AR-1268-5

R.T.: 9.948 min
Delta R.T.: -0.008 min
Response: 615079
Conc: 1.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.386 min
Delta R.T.: -0.012 min
Response: 341148
Conc: 1.72 ng/ml