

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080823\
 Data File : P0096794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2023 23:22
 Operator : YP/AJ
 Sample : 03572-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 01:34:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.412	3.620	68029307	26906102	20.552	20.325
2)	SA Decachlor...	10.353	8.643	50818571	27085808	23.224	23.412
Target Compounds							
3)	L1 AR-1016-1	5.597	4.707	2284079	1205432	24.251	27.189
4)	L1 AR-1016-2	5.620	4.725	3131646	1493569	23.410	24.416
5)	L1 AR-1016-3	5.684	4.902	1889277	838034	21.711	25.653
6)	L1 AR-1016-4	5.784	4.944	1533958	716957	22.837	25.080
7)	L1 AR-1016-5	6.085	5.158	1868919	1248656	26.769	32.478
8)	L2 AR-1221-1	4.618	0.000	402039	0	9.865	N.D. #
9)	L2 AR-1221-2	4.723	3.920	1560365	461437	51.362	35.713 #
10)	L2 AR-1221-3	4.788	3.995	1667516	561181	19.050	14.138 #
11)	L3 AR-1232-1	4.788	3.995	1667516	561181	22.864	17.349
12)	L3 AR-1232-2	5.325	4.725	2216131	1493569	55.898	51.766
13)	L3 AR-1232-3	5.620	4.902	3131646	838034	51.194	55.273
14)	L3 AR-1232-4	5.784	4.986	1533958	1067360	50.271	71.421 #
15)	L3 AR-1232-5	5.877	5.158	1451831	1248656	51.882	76.385 #
16)	L4 AR-1242-1	5.597	4.707	2284079	1205432	27.251	30.575
17)	L4 AR-1242-2	5.620	4.725	3131646	1493569	26.593	27.410
18)	L4 AR-1242-3	5.684	4.902	1889277	838034	25.575	28.342
19)	L4 AR-1242-4	5.784	4.986	1533958	1067360	25.768	33.870 #
20)	L4 AR-1242-5	6.536	5.511	1426187	1431737	25.921	39.294 #
21)	L5 AR-1248-1	5.597	4.707	2284079	1205432	38.981	42.955
22)	L5 AR-1248-2	5.877	4.944	1451831	716957	15.442	16.917
23)	L5 AR-1248-3	6.085	4.986	1868919	1067360	19.108	24.333 #
24)	L5 AR-1248-4	6.497	5.158	1400334	1248656	15.415	24.460 #
25)	L5 AR-1248-5	6.536	5.552	1426187	1514780	16.191	32.400 #
26)	L6 AR-1254-1	6.469	5.511	1140146	1431737	10.432	19.401 #
27)	L6 AR-1254-2	6.698	5.658	2032080	1263468	12.604	19.178 #
28)	L6 AR-1254-3	7.071	6.064	2355046	454158	15.029	4.494 #
29)	L6 AR-1254-4	7.365	6.293	1028504	322204	10.202	5.567 #
30)	L6 AR-1254-5	7.792	6.717	581470	676974	5.182	7.700 #
31)	L7 AR-1260-1	7.245	6.208	608074	138669	4.838	1.971 #
32)	L7 AR-1260-2	7.469	6.368	129800	619187	0.963	7.419 #
33)	L7 AR-1260-3	7.896	0.000	2160532	0	20.820	N.D. #
34)	L7 AR-1260-4	8.113	6.986	721137	620154	6.450	9.677 #
35)	L7 AR-1260-5	8.424	7.260	142975	1134850	0.681	8.186 #
36)	L8 AR-1262-1	7.896	6.823	2160532	2702071	14.546	68.635 #
37)	L8 AR-1262-2	8.424	6.986	142975	620154	0.618	7.646 #
38)	L8 AR-1262-3	8.730	7.530	12495	636880	0.075	9.924 #
39)	L8 AR-1262-4	8.849	7.604	145301	327311	1.993	2.881 #
40)	L8 AR-1262-5	9.550	0.000	214708	0	2.578	N.D. #
41)	L9 AR-1268-1	8.730	7.530	12495	636880	0.041	3.437 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080823\
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 09 01:34:29 2023
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 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

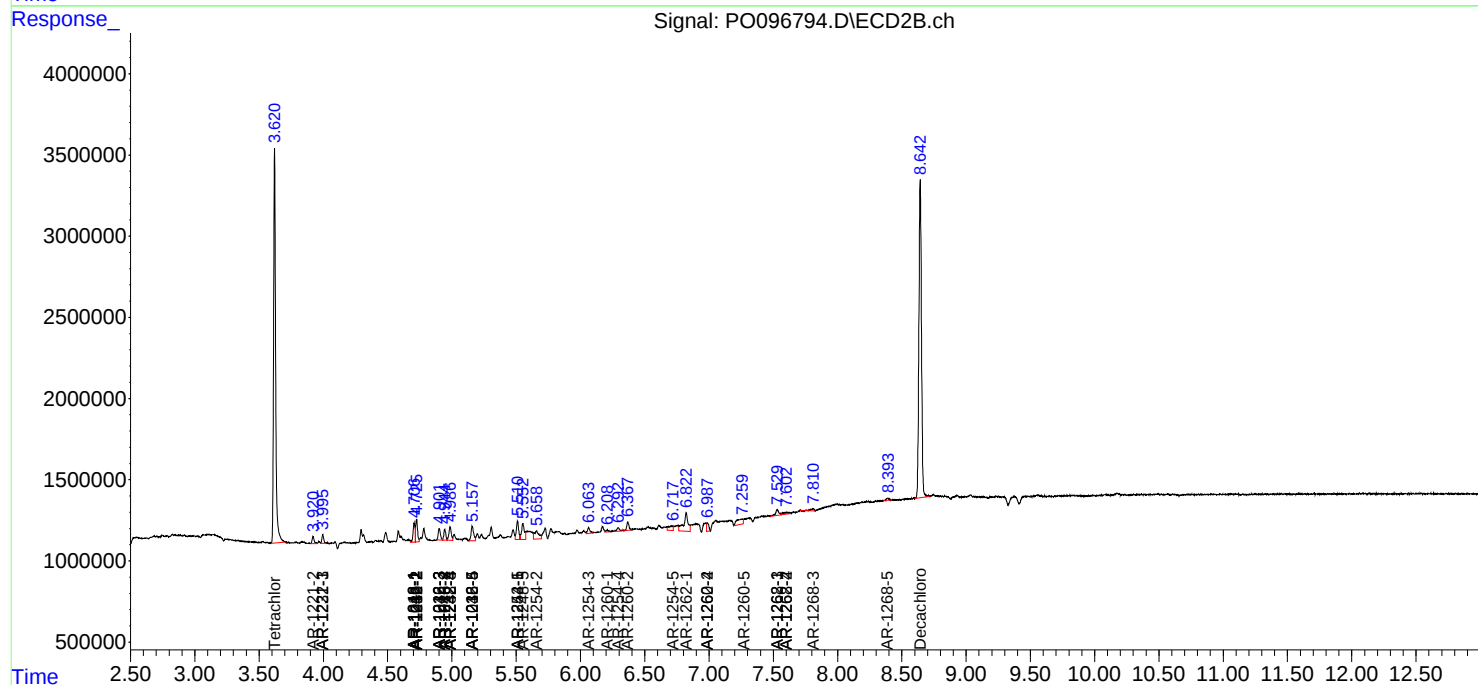
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

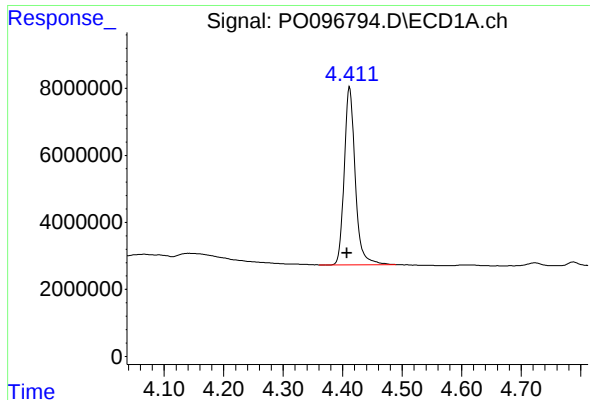
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.849	7.604	145301	327311	0.530	1.952 #
43) L9	AR-1268-3	9.097	7.810	282703	182560	1.107	1.264
44) L9	AR-1268-4	9.550	0.000	214708	0	2.316	N.D. #
45) L9	AR-1268-5	9.981	8.389	88421	190960	0.109	0.459 #

(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

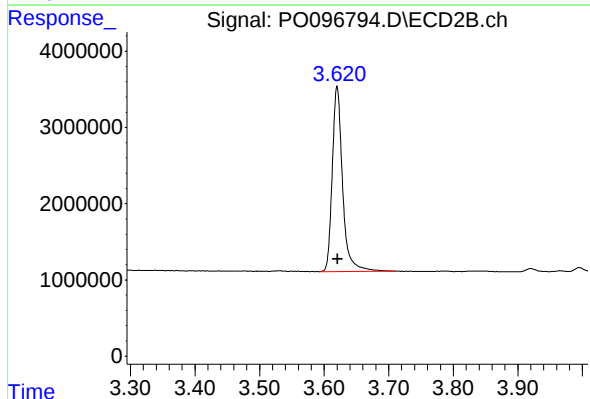




#1 Tetrachloro-m-xylene

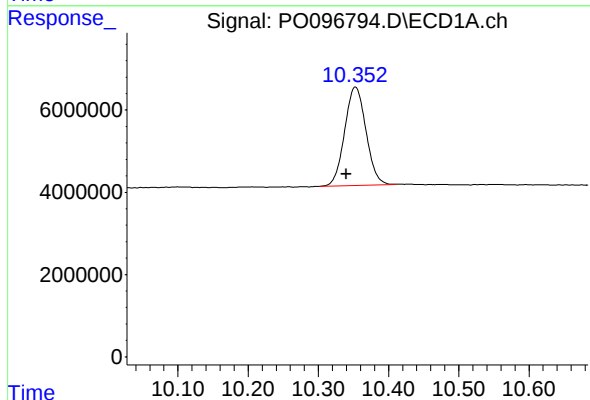
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 68029307
Conc: 20.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



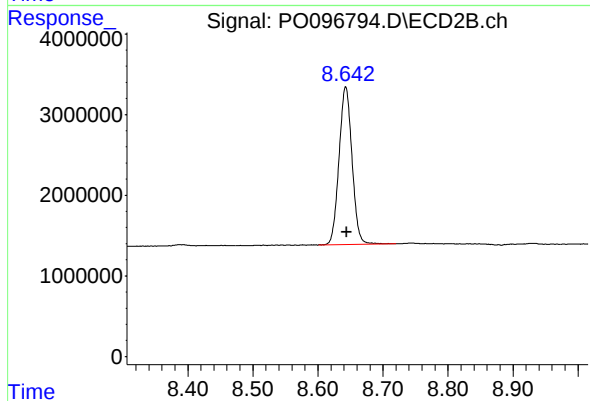
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: 0.000 min
Response: 26906102
Conc: 20.33 ng/ml



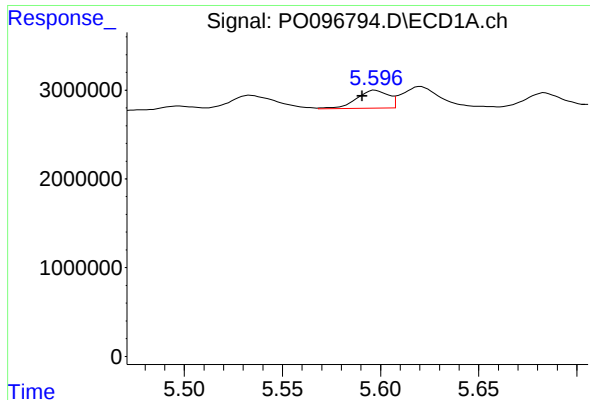
#2 Decachlorobiphenyl

R.T.: 10.353 min
Delta R.T.: 0.013 min
Response: 50818571
Conc: 23.22 ng/ml



#2 Decachlorobiphenyl

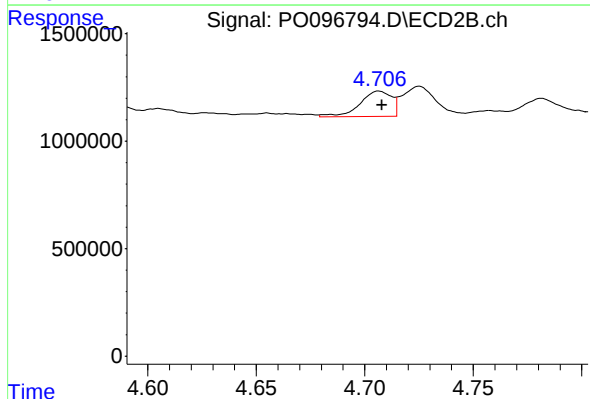
R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 27085808
Conc: 23.41 ng/ml



#3 AR-1016-1

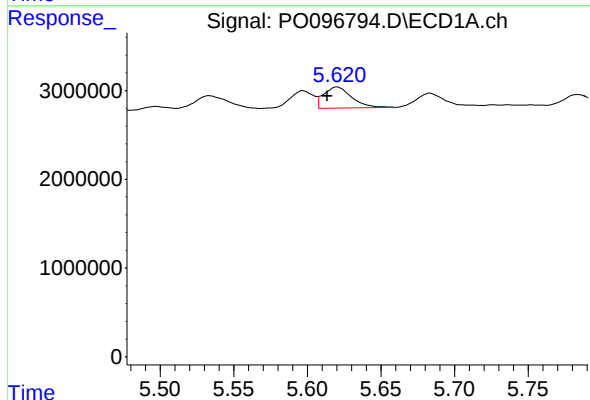
R.T.: 5.597 min
Delta R.T.: 0.007 min
Response: 2284079
Conc: 24.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



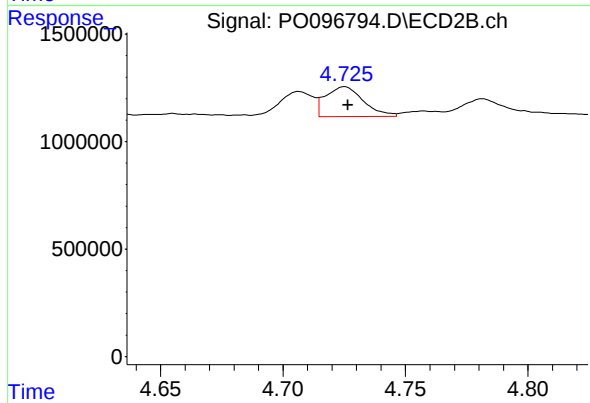
#3 AR-1016-1

R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 1205432
Conc: 27.19 ng/ml



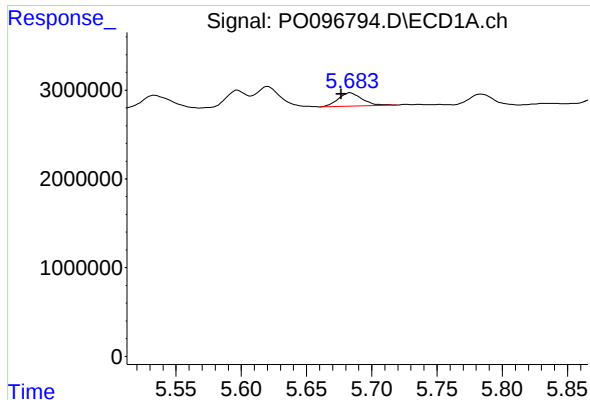
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 3131646
Conc: 23.41 ng/ml



#4 AR-1016-2

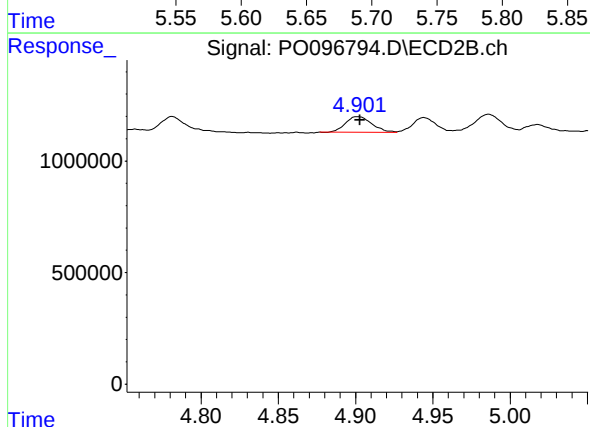
R.T.: 4.725 min
Delta R.T.: -0.001 min
Response: 1493569
Conc: 24.42 ng/ml



#5 AR-1016-3

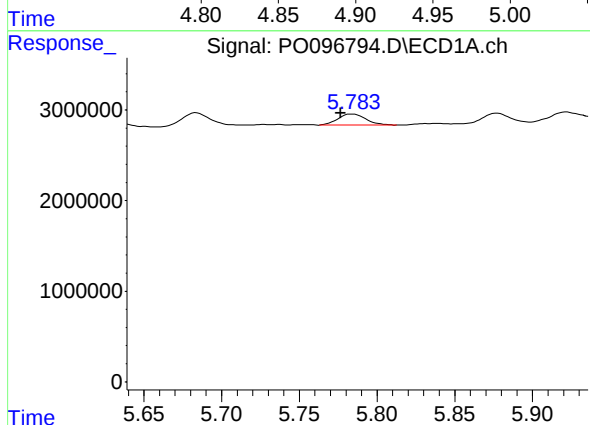
R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 1889277
Conc: 21.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



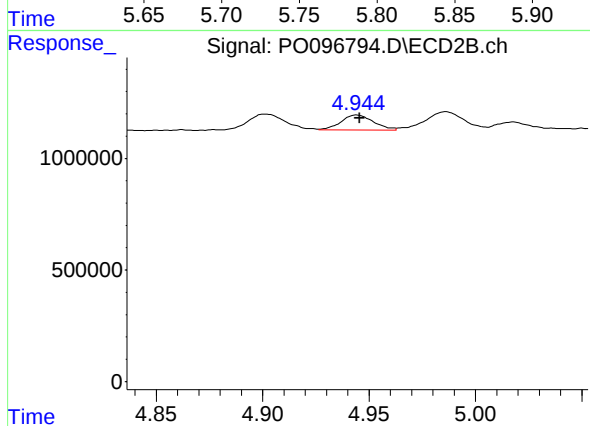
#5 AR-1016-3

R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 838034
Conc: 25.65 ng/ml



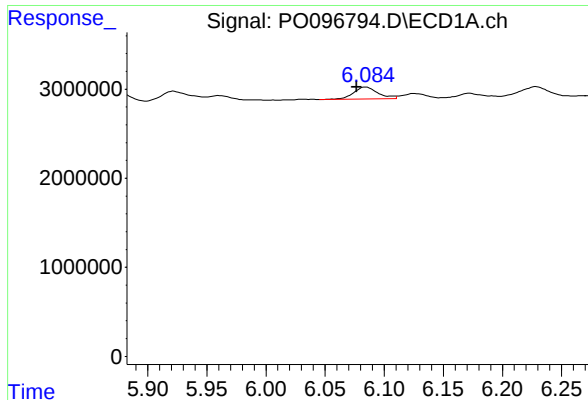
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: 0.008 min
Response: 1533958
Conc: 22.84 ng/ml



#6 AR-1016-4

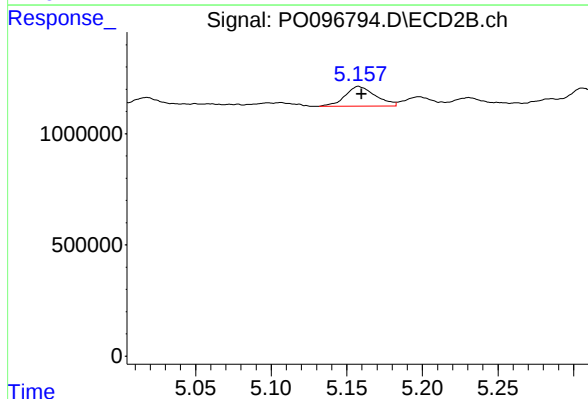
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 716957
Conc: 25.08 ng/ml



#7 AR-1016-5

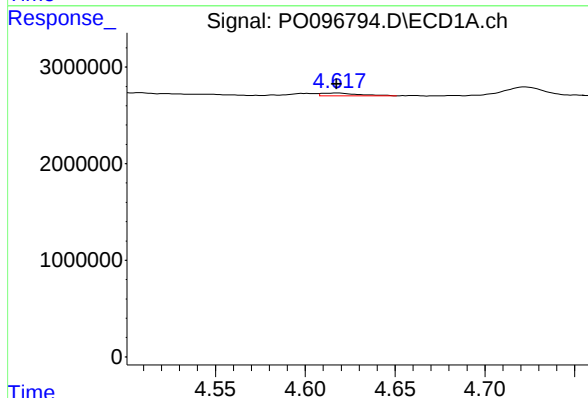
R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 1868919
Conc: 26.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



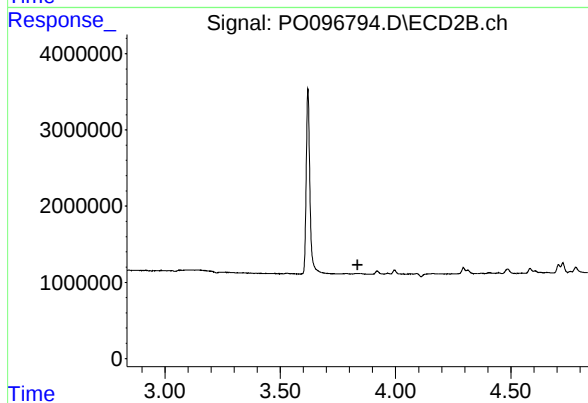
#7 AR-1016-5

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 1248656
Conc: 32.48 ng/ml



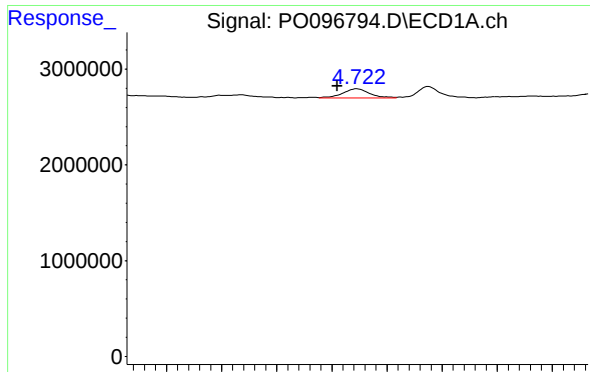
#8 AR-1221-1

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 402039
Conc: 9.86 ng/ml



#8 AR-1221-1

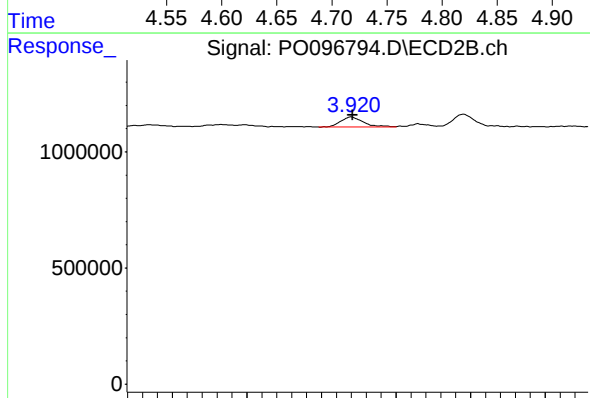
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

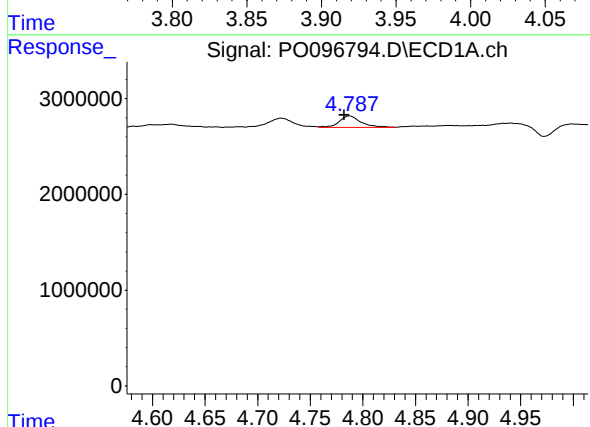
R.T.: 4.723 min
Delta R.T.: 0.018 min
Response: 1560365
Conc: 51.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



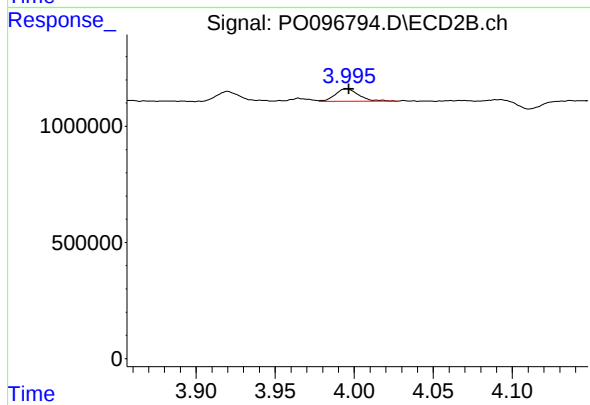
#9 AR-1221-2

R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 461437
Conc: 35.71 ng/ml



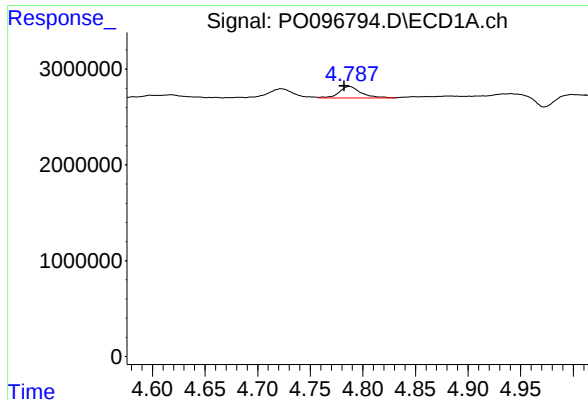
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.005 min
Response: 1667516
Conc: 19.05 ng/ml



#10 AR-1221-3

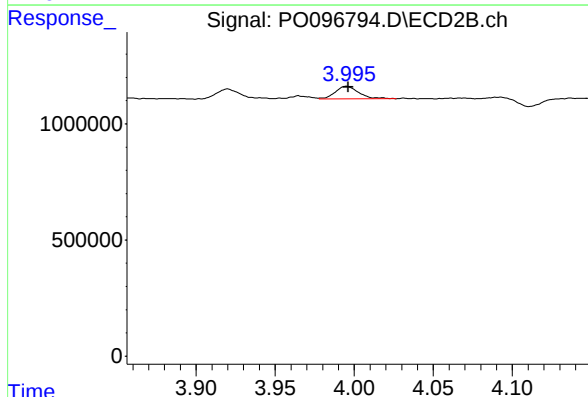
R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 561181
Conc: 14.14 ng/ml



#11 AR-1232-1

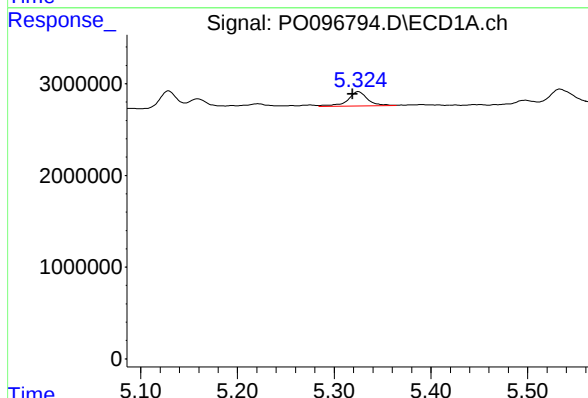
R.T.: 4.788 min
Delta R.T.: 0.005 min
Response: 1667516
Conc: 22.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



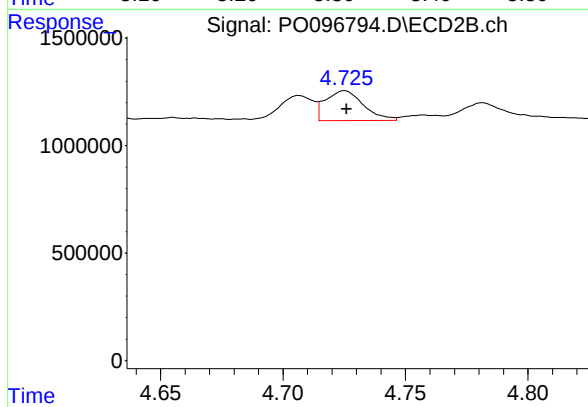
#11 AR-1232-1

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 561181
Conc: 17.35 ng/ml



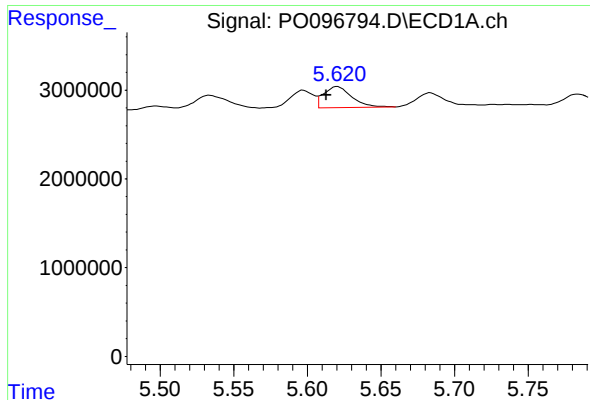
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.006 min
Response: 2216131
Conc: 55.90 ng/ml



#12 AR-1232-2

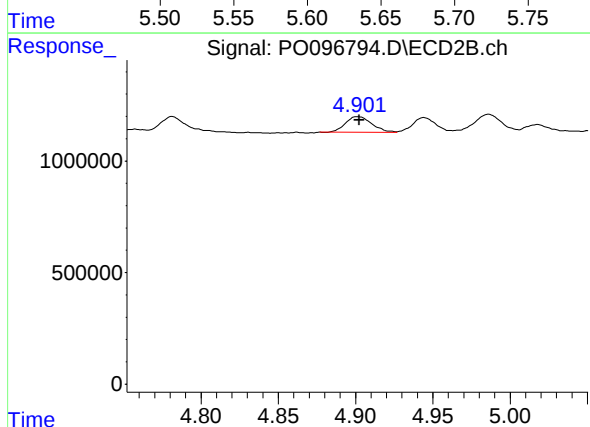
R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 1493569
Conc: 51.77 ng/ml



#13 AR-1232-3

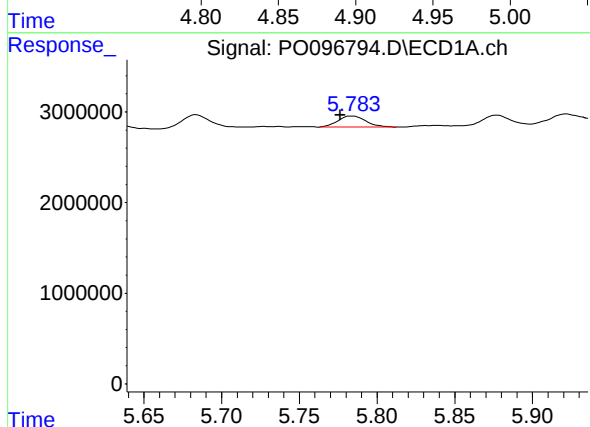
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 3131646
Conc: 51.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



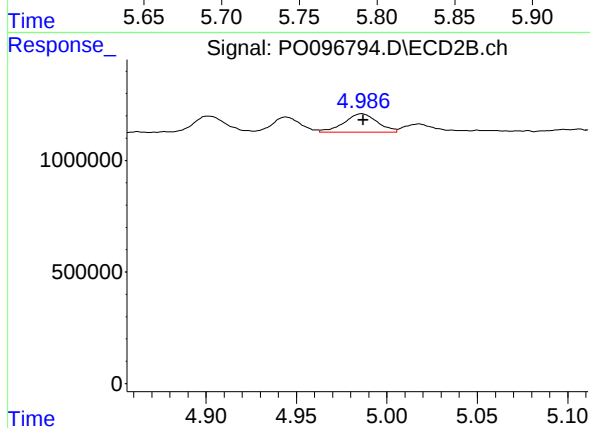
#13 AR-1232-3

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 838034
Conc: 55.27 ng/ml



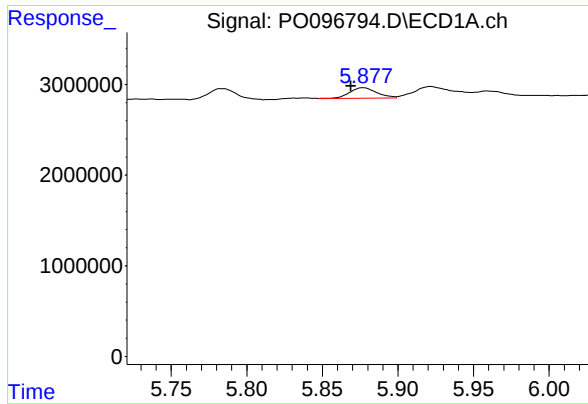
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: 0.008 min
Response: 1533958
Conc: 50.27 ng/ml



#14 AR-1232-4

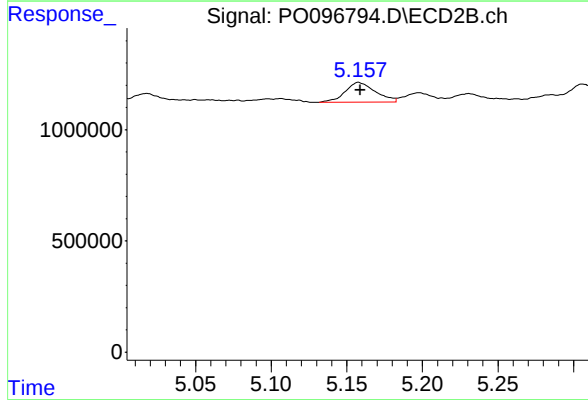
R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 1067360
Conc: 71.42 ng/ml



#15 AR-1232-5

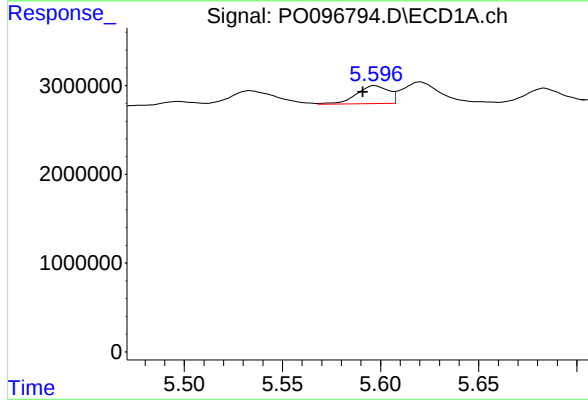
R.T.: 5.877 min
Delta R.T.: 0.009 min
Response: 1451831
Conc: 51.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



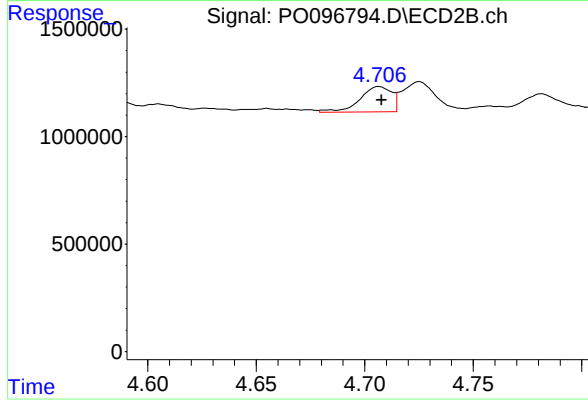
#15 AR-1232-5

R.T.: 5.158 min
Delta R.T.: -0.001 min
Response: 1248656
Conc: 76.39 ng/ml



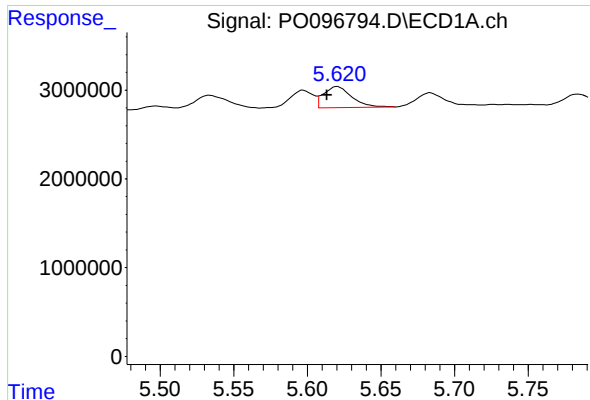
#16 AR-1242-1

R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 2284079
Conc: 27.25 ng/ml



#16 AR-1242-1

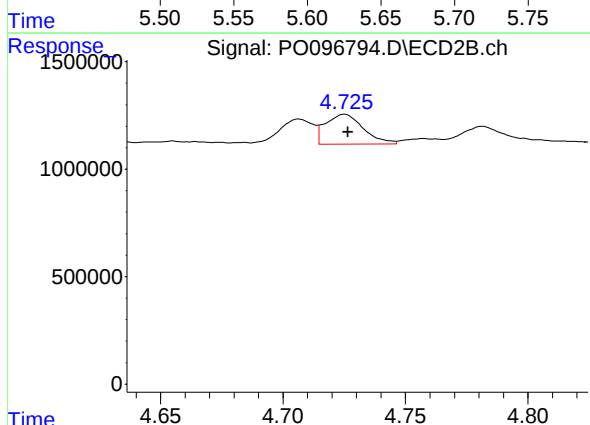
R.T.: 4.707 min
Delta R.T.: -0.001 min
Response: 1205432
Conc: 30.58 ng/ml



#17 AR-1242-2

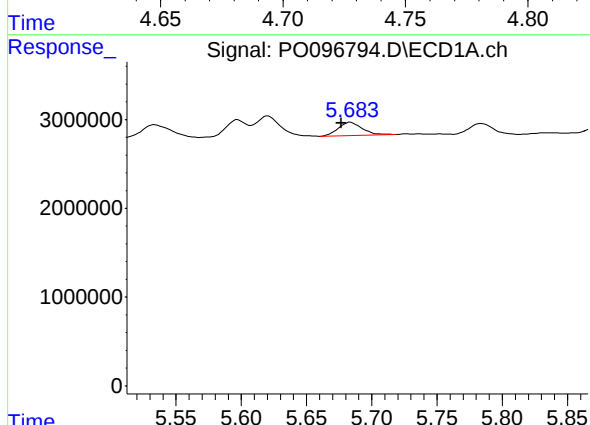
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 3131646
Conc: 26.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



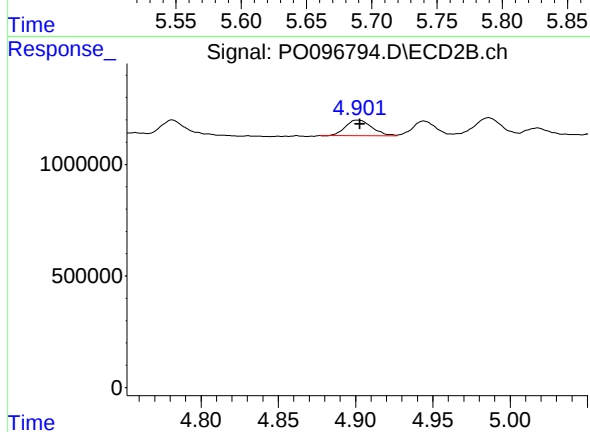
#17 AR-1242-2

R.T.: 4.725 min
Delta R.T.: -0.001 min
Response: 1493569
Conc: 27.41 ng/ml



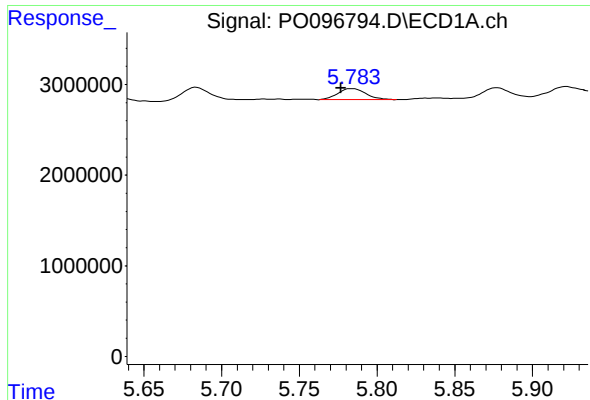
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 1889277
Conc: 25.57 ng/ml



#18 AR-1242-3

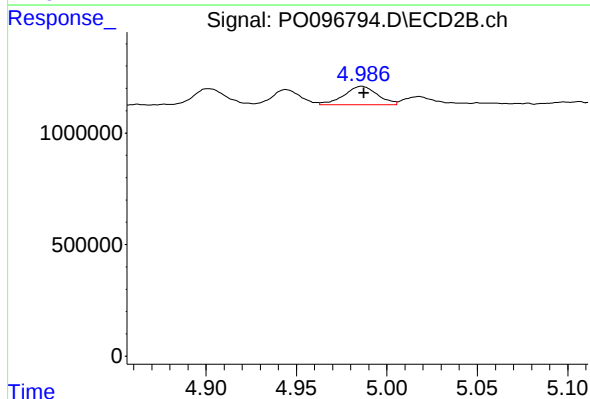
R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 838034
Conc: 28.34 ng/ml



#19 AR-1242-4

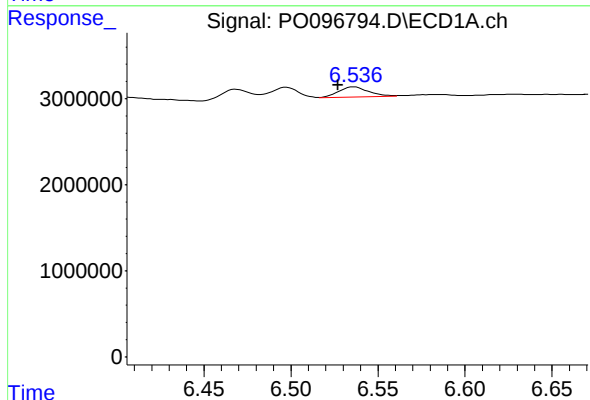
R.T.: 5.784 min
Delta R.T.: 0.007 min
Response: 1533958
Conc: 25.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



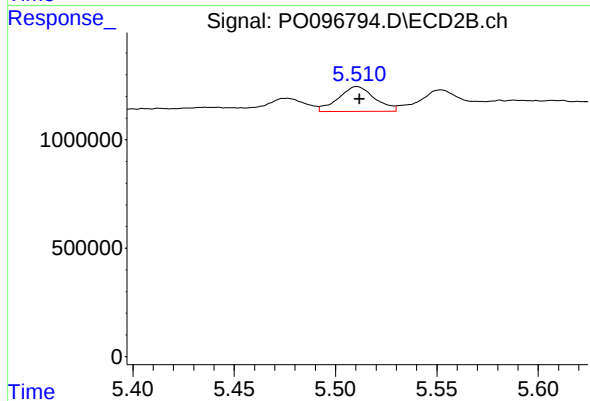
#19 AR-1242-4

R.T.: 4.986 min
Delta R.T.: -0.001 min
Response: 1067360
Conc: 33.87 ng/ml



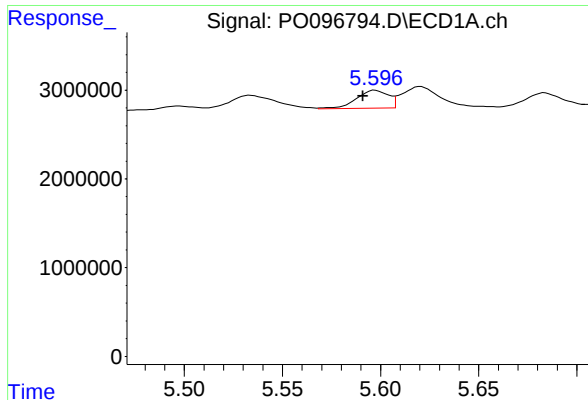
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 1426187
Conc: 25.92 ng/ml



#20 AR-1242-5

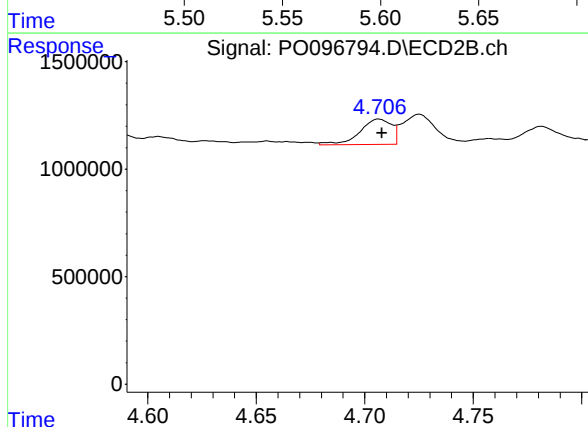
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 1431737
Conc: 39.29 ng/ml



#21 AR-1248-1

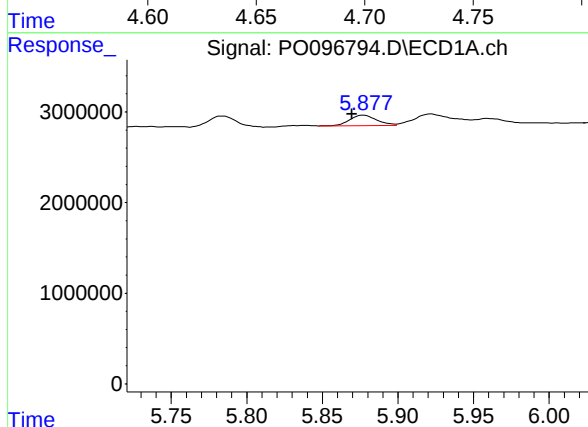
R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 2284079
Conc: 38.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



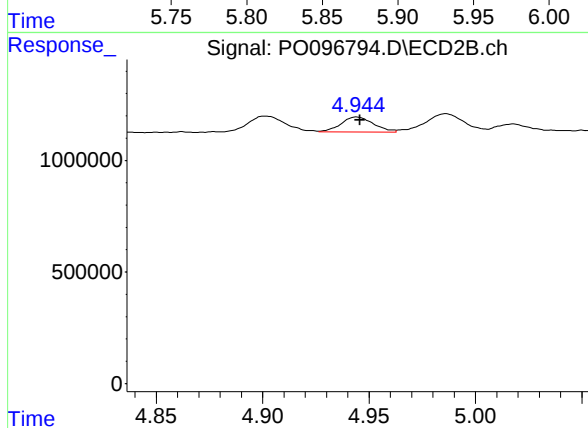
#21 AR-1248-1

R.T.: 4.707 min
Delta R.T.: -0.001 min
Response: 1205432
Conc: 42.96 ng/ml



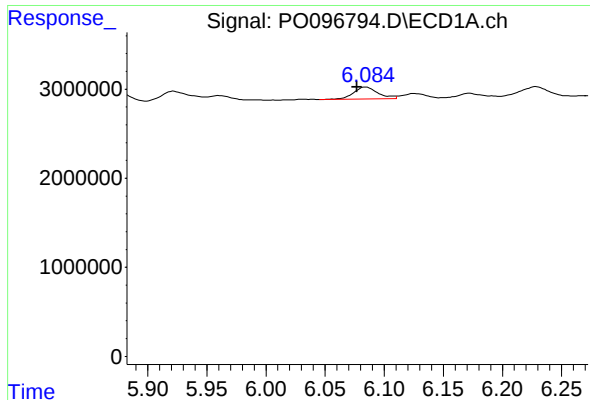
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 1451831
Conc: 15.44 ng/ml



#22 AR-1248-2

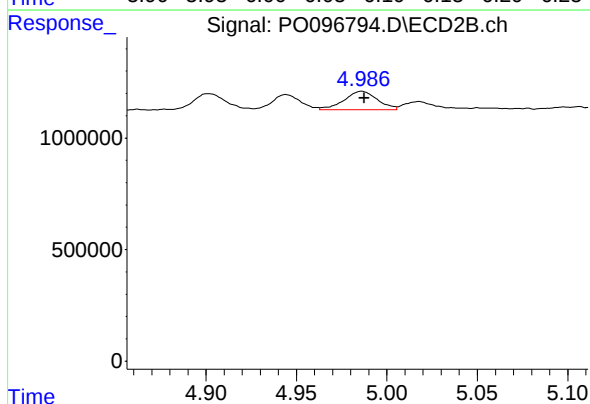
R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 716957
Conc: 16.92 ng/ml



#23 AR-1248-3

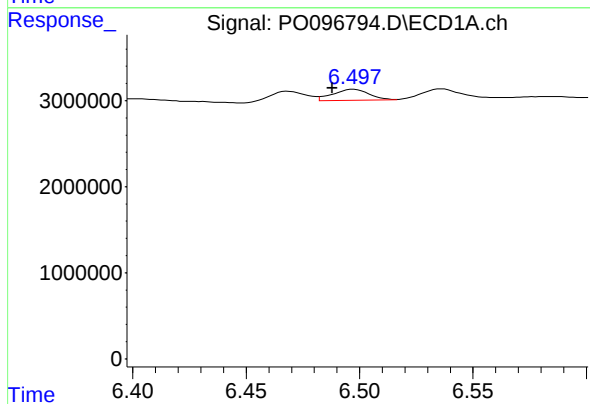
R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 1868919
Conc: 19.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



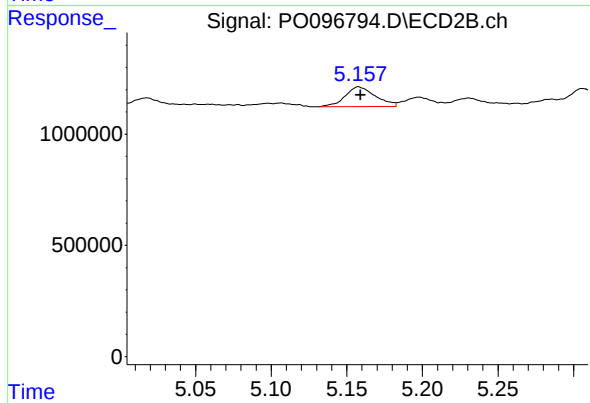
#23 AR-1248-3

R.T.: 4.986 min
Delta R.T.: -0.001 min
Response: 1067360
Conc: 24.33 ng/ml



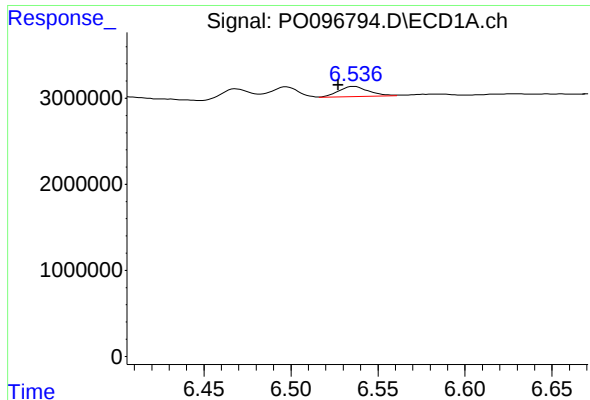
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 1400334
Conc: 15.41 ng/ml



#24 AR-1248-4

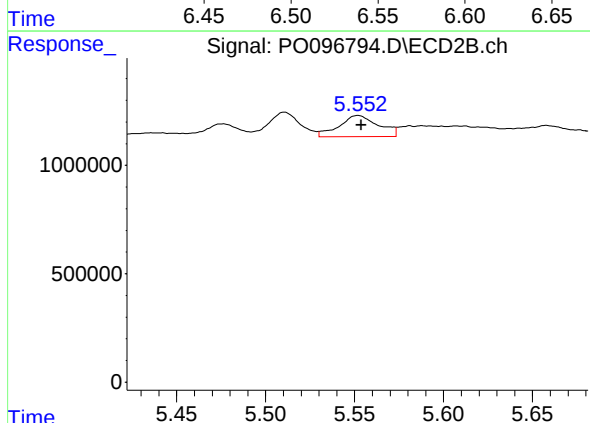
R.T.: 5.158 min
Delta R.T.: -0.001 min
Response: 1248656
Conc: 24.46 ng/ml



#25 AR-1248-5

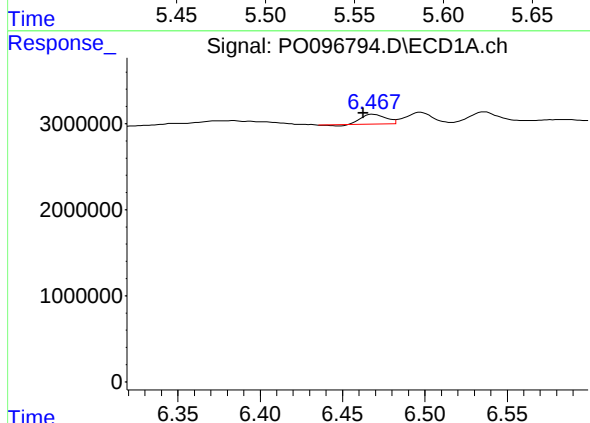
R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 1426187
Conc: 16.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



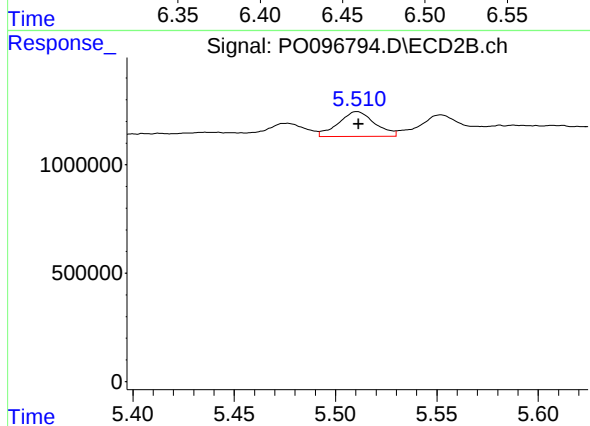
#25 AR-1248-5

R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 1514780
Conc: 32.40 ng/ml



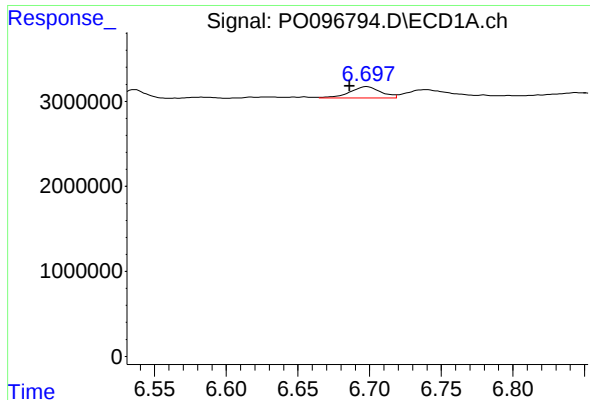
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.006 min
Response: 1140146
Conc: 10.43 ng/ml



#26 AR-1254-1

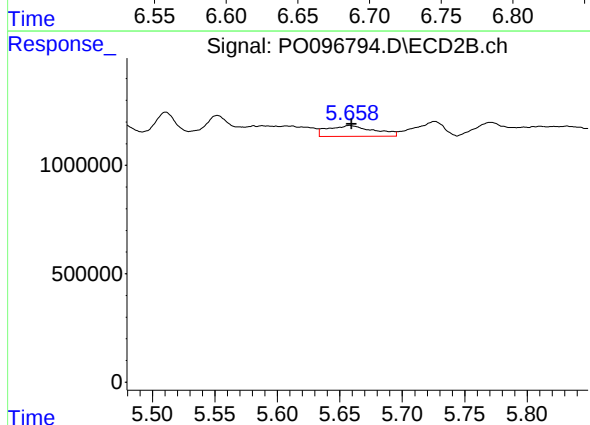
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 1431737
Conc: 19.40 ng/ml



#27 AR-1254-2

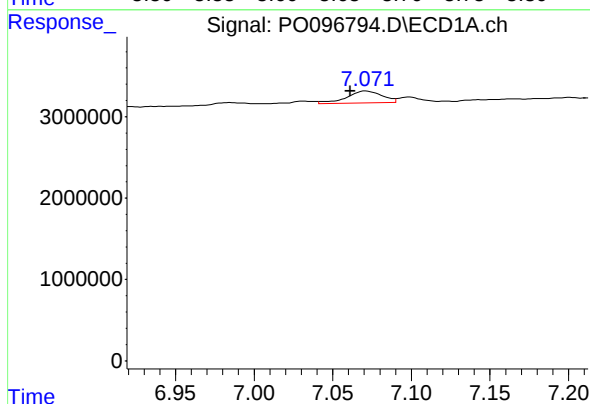
R.T.: 6.698 min
Delta R.T.: 0.012 min
Response: 2032080
Conc: 12.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



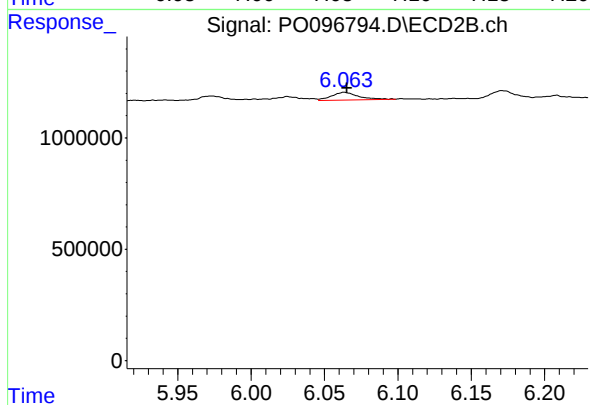
#27 AR-1254-2

R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 1263468
Conc: 19.18 ng/ml



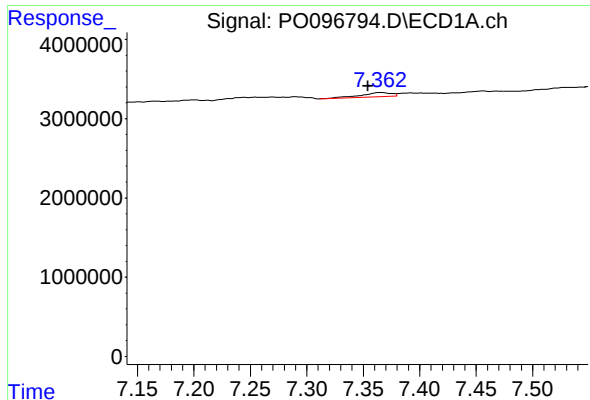
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 2355046
Conc: 15.03 ng/ml



#28 AR-1254-3

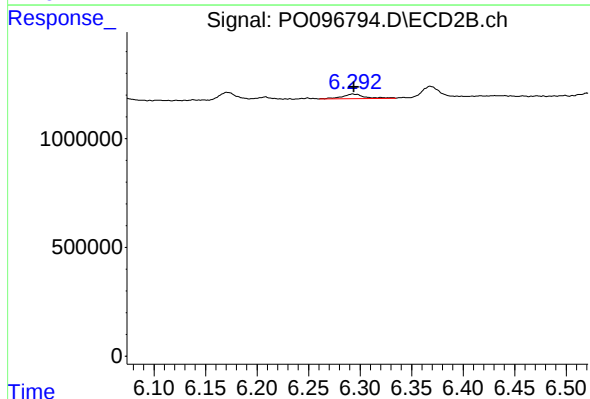
R.T.: 6.064 min
Delta R.T.: -0.002 min
Response: 454158
Conc: 4.49 ng/ml



#29 AR-1254-4

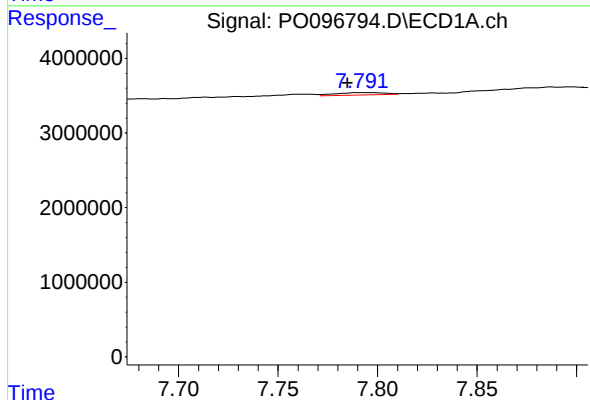
R.T.: 7.365 min
Delta R.T.: 0.010 min
Response: 1028504
Conc: 10.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



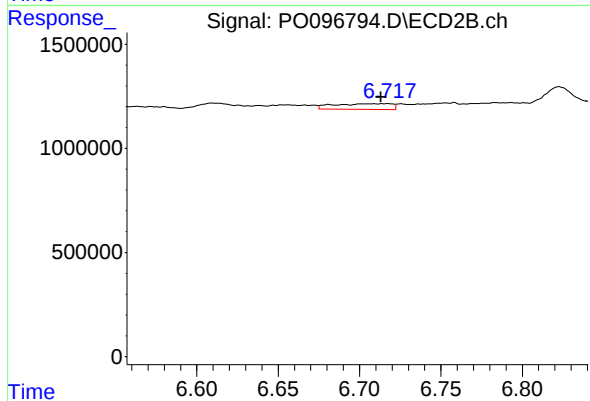
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.001 min
Response: 322204
Conc: 5.57 ng/ml



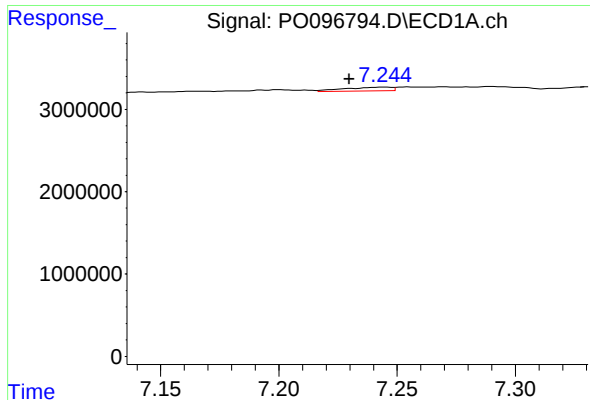
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: 0.007 min
Response: 581470
Conc: 5.18 ng/ml



#30 AR-1254-5

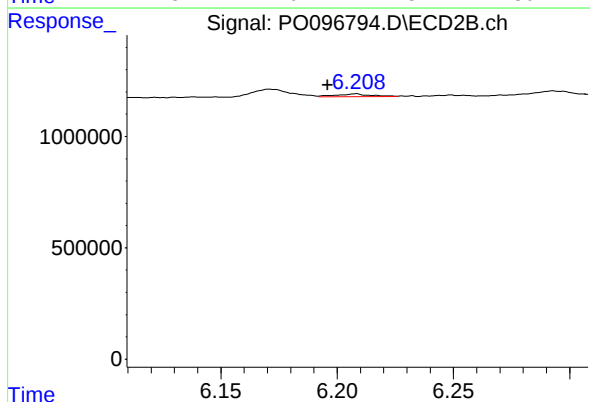
R.T.: 6.717 min
Delta R.T.: 0.004 min
Response: 676974
Conc: 7.70 ng/ml



#31 AR-1260-1

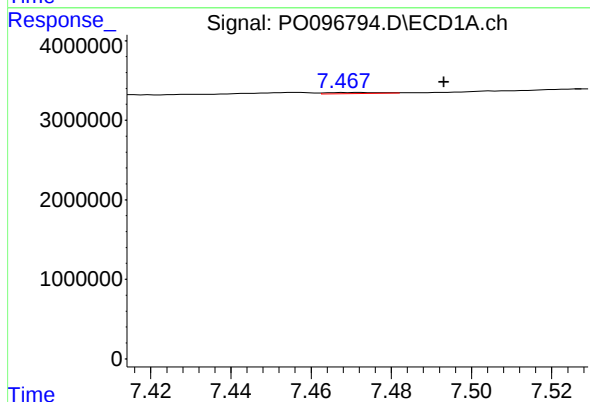
R.T.: 7.245 min
Delta R.T.: 0.015 min
Response: 608074
Conc: 4.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



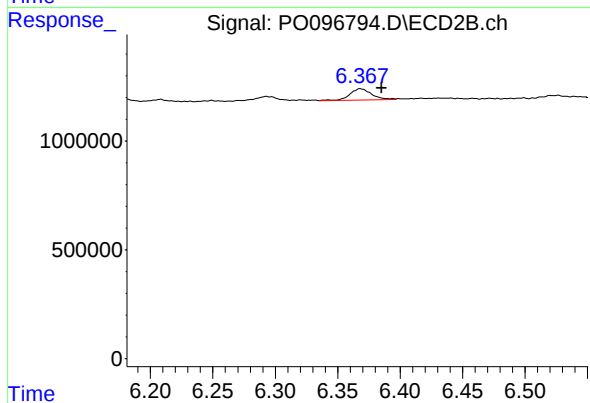
#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: 0.012 min
Response: 138669
Conc: 1.97 ng/ml



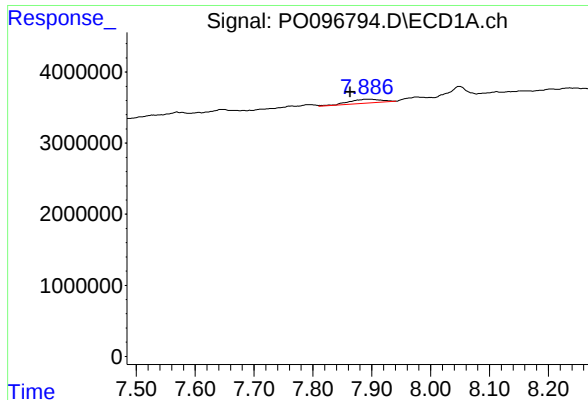
#32 AR-1260-2

R.T.: 7.469 min
Delta R.T.: -0.024 min
Response: 129800
Conc: 0.96 ng/ml



#32 AR-1260-2

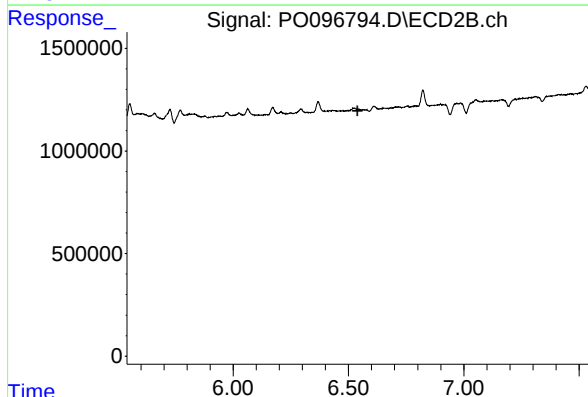
R.T.: 6.368 min
Delta R.T.: -0.017 min
Response: 619187
Conc: 7.42 ng/ml



#33 AR-1260-3

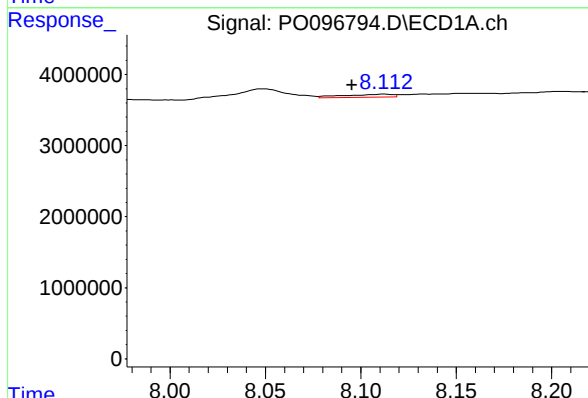
R.T.: 7.896 min
Delta R.T.: 0.033 min
Response: 2160532
Conc: 20.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



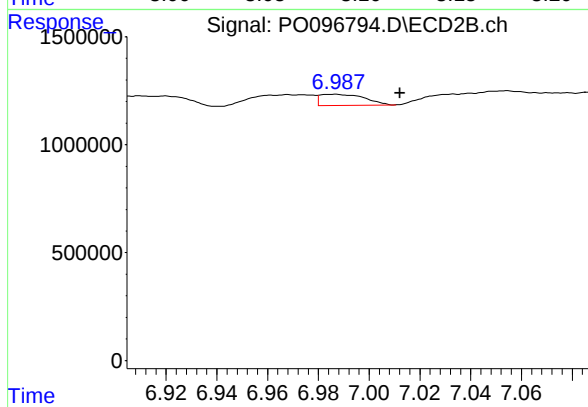
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 6.539 min
Response: 0
Conc: N.D.



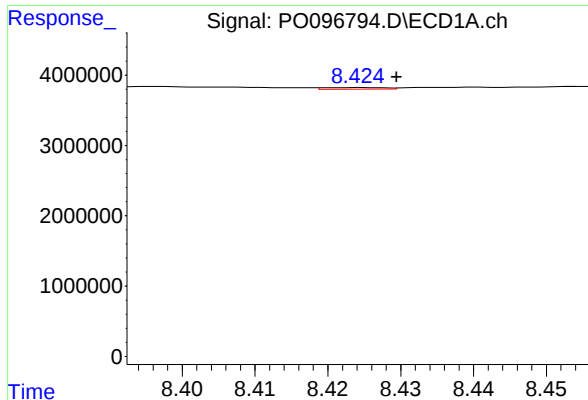
#34 AR-1260-4

R.T.: 8.113 min
Delta R.T.: 0.017 min
Response: 721137
Conc: 6.45 ng/ml



#34 AR-1260-4

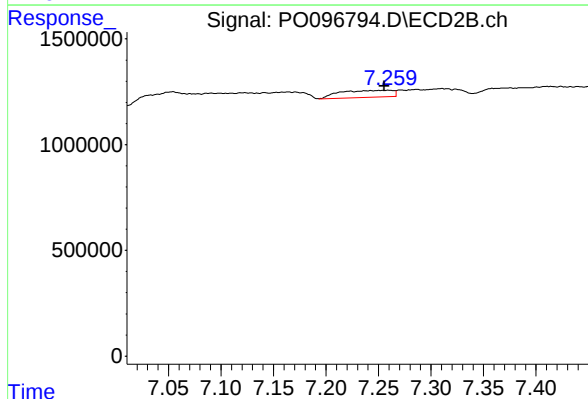
R.T.: 6.986 min
Delta R.T.: -0.026 min
Response: 620154
Conc: 9.68 ng/ml



#35 AR-1260-5

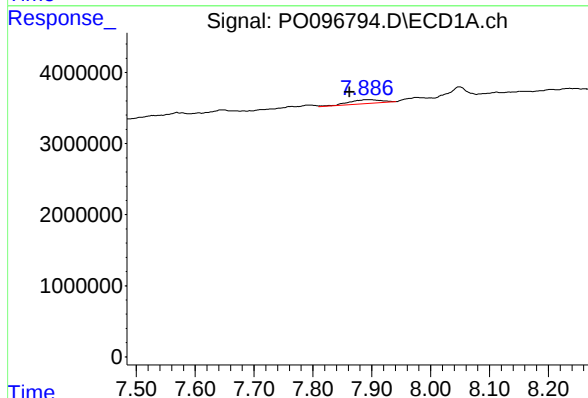
R.T.: 8.424 min
Delta R.T.: -0.005 min
Response: 142975
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



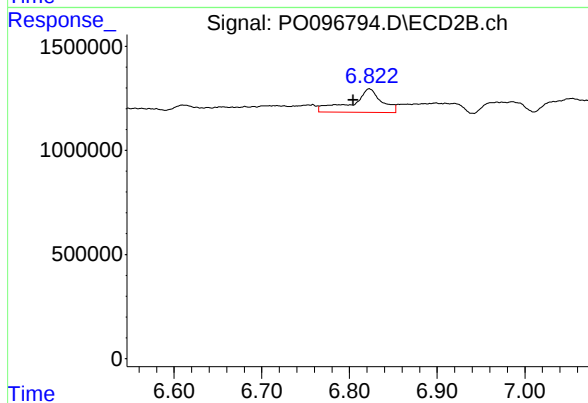
#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: 0.004 min
Response: 1134850
Conc: 8.19 ng/ml



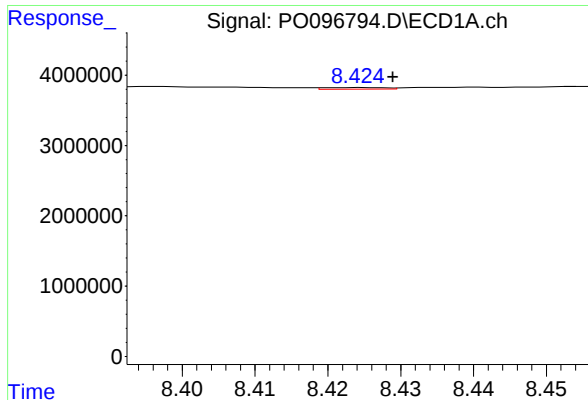
#36 AR-1262-1

R.T.: 7.896 min
Delta R.T.: 0.034 min
Response: 2160532
Conc: 14.55 ng/ml



#36 AR-1262-1

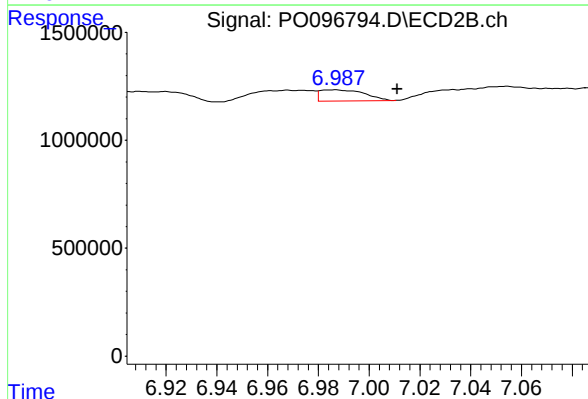
R.T.: 6.823 min
Delta R.T.: 0.018 min
Response: 2702071
Conc: 68.63 ng/ml



#37 AR-1262-2

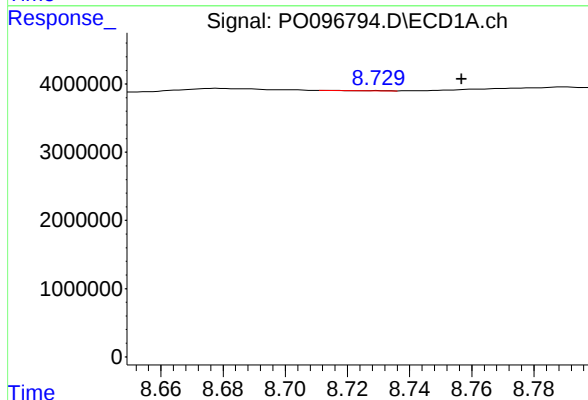
R.T.: 8.424 min
Delta R.T.: -0.005 min
Response: 142975
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



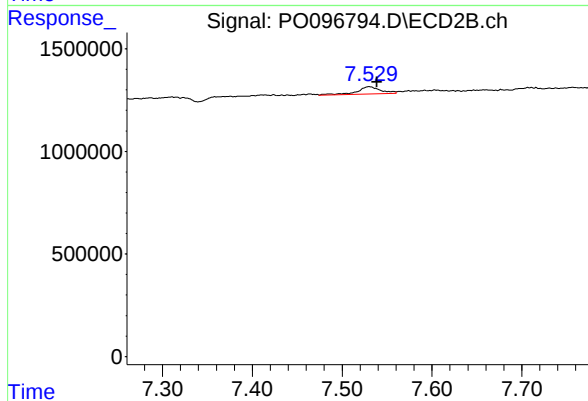
#37 AR-1262-2

R.T.: 6.986 min
Delta R.T.: -0.025 min
Response: 620154
Conc: 7.65 ng/ml



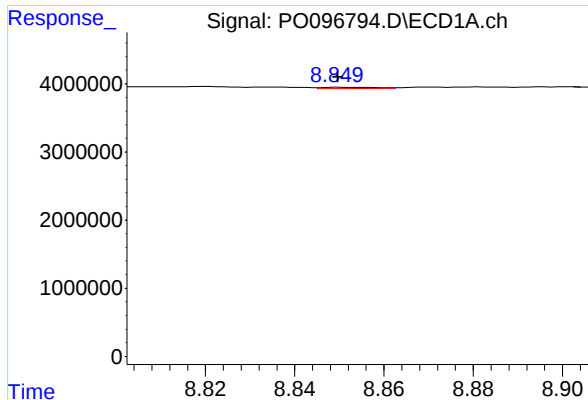
#38 AR-1262-3

R.T.: 8.730 min
Delta R.T.: -0.027 min
Response: 12495
Conc: 0.07 ng/ml



#38 AR-1262-3

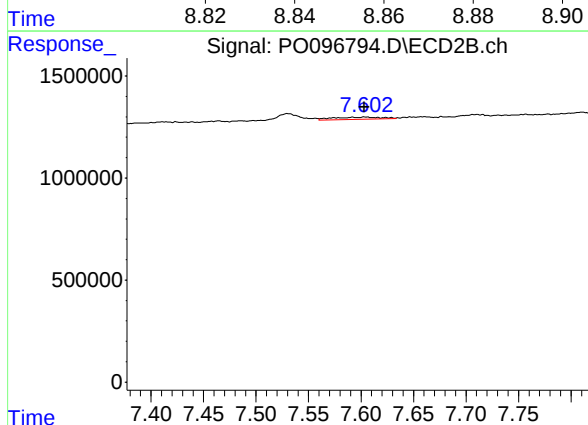
R.T.: 7.530 min
Delta R.T.: -0.009 min
Response: 636880
Conc: 9.92 ng/ml



#39 AR-1262-4

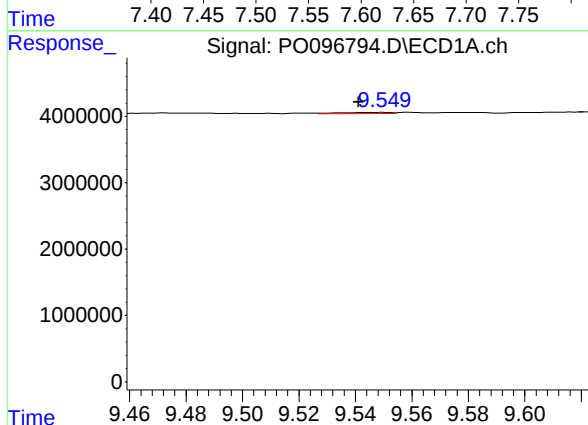
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 145301
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



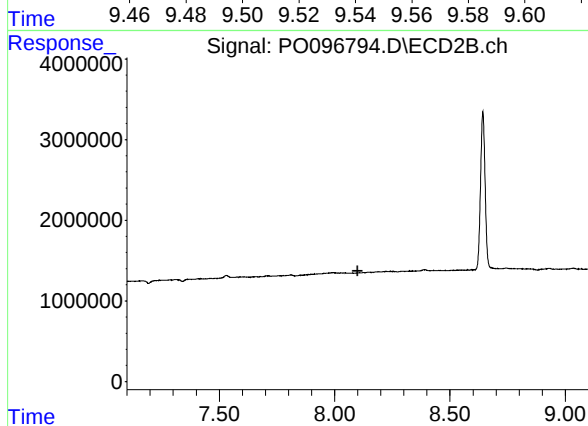
#39 AR-1262-4

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 327311
Conc: 2.88 ng/ml



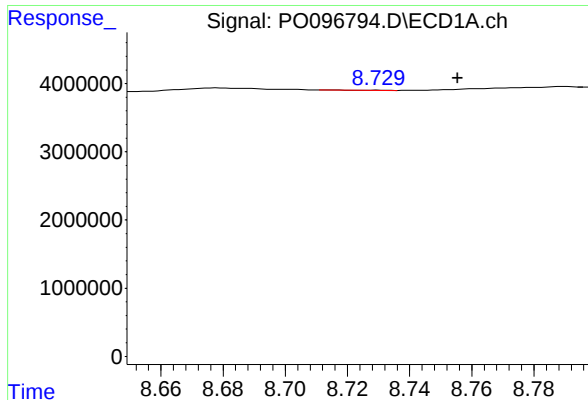
#40 AR-1262-5

R.T.: 9.550 min
Delta R.T.: 0.009 min
Response: 214708
Conc: 2.58 ng/ml



#40 AR-1262-5

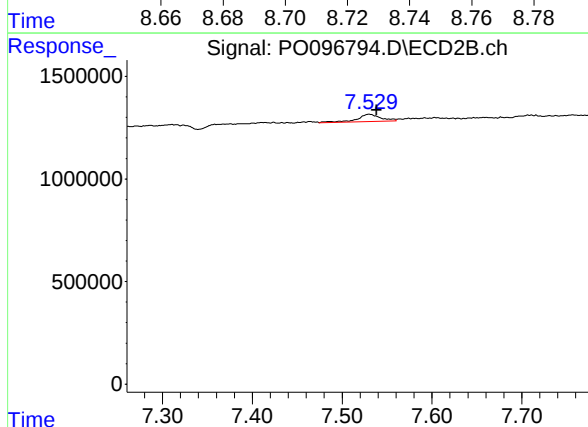
R.T.: 0.000 min
Exp R.T. : 8.009 min
Response: 0
Conc: N.D.



#41 AR-1268-1

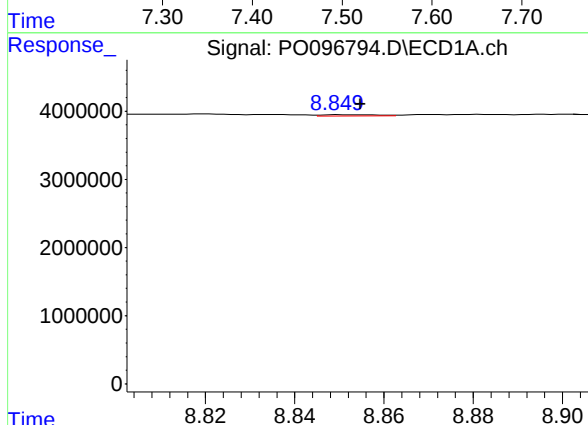
R.T.: 8.730 min
Delta R.T.: -0.026 min
Response: 12495
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



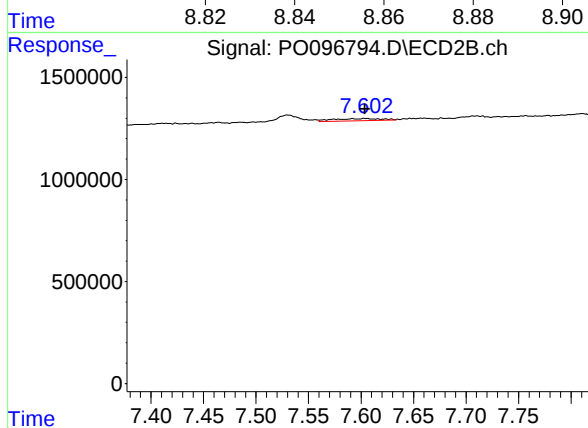
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.008 min
Response: 636880
Conc: 3.44 ng/ml



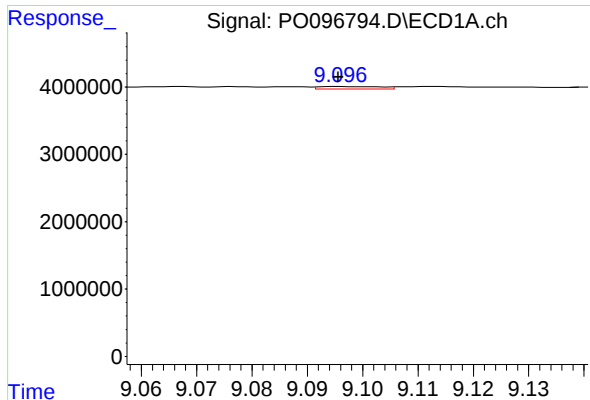
#42 AR-1268-2

R.T.: 8.849 min
Delta R.T.: -0.005 min
Response: 145301
Conc: 0.53 ng/ml



#42 AR-1268-2

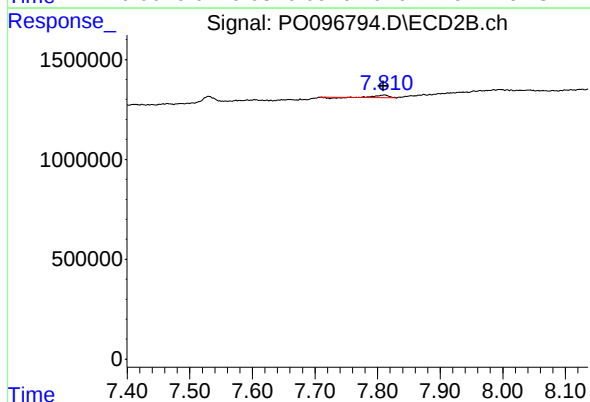
R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 327311
Conc: 1.95 ng/ml



#43 AR-1268-3

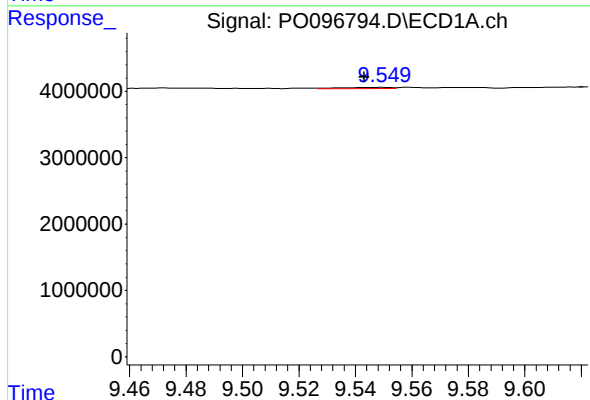
R.T.: 9.097 min
Delta R.T.: 0.000 min
Response: 282703
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



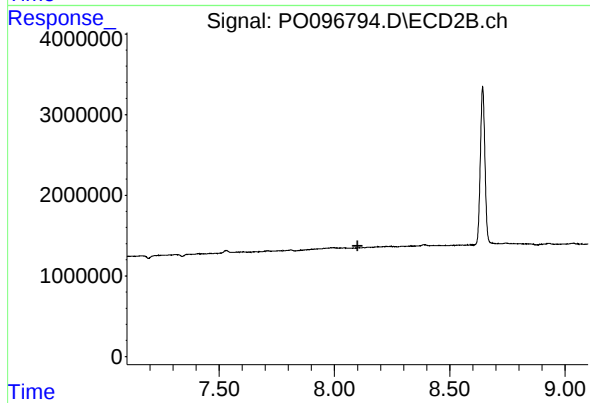
#43 AR-1268-3

R.T.: 7.810 min
Delta R.T.: 0.001 min
Response: 182560
Conc: 1.26 ng/ml



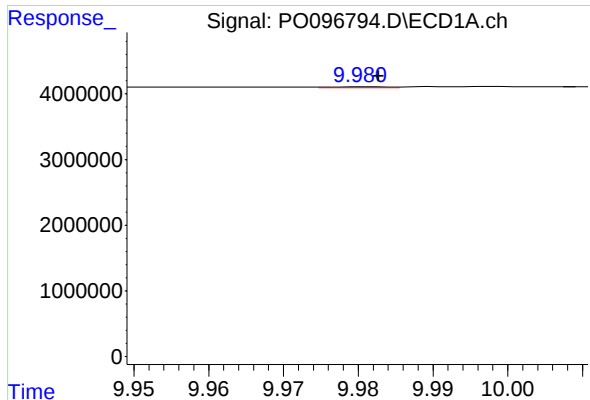
#44 AR-1268-4

R.T.: 9.550 min
Delta R.T.: 0.007 min
Response: 214708
Conc: 2.32 ng/ml



#44 AR-1268-4

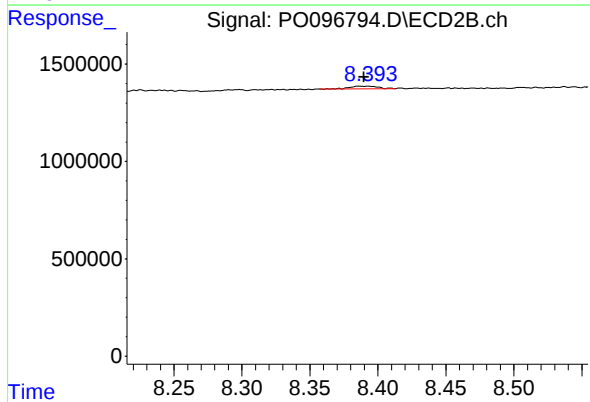
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.981 min
Delta R.T.: -0.002 min
Response: 88421
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.389 min
Delta R.T.: 0.000 min
Response: 190960
Conc: 0.46 ng/ml