

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0080122\
 Data File : P0088481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2022 16:09
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 17:44:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 26 11:20:17 2022
 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...	4.444	3.603	49700528	18531808	19.481	19.642
2)	SA Decachlor...	10.287	8.597	37438721	21963108	17.629	21.017
Target Compounds							
3)	L1 AR-1016-1	5.614	4.689	225098	422012	2.567	11.729 #
4)	L1 AR-1016-2	5.640	4.689	235599	422012	1.878	8.259 #
5)	L1 AR-1016-3	5.690	4.924f	741228	157645	9.556	5.679 #
6)	L1 AR-1016-4	0.000	4.924	0	157645	N.D.	6.777 #
7)	L1 AR-1016-5	6.141f	5.085f	666889	154857	10.745	5.233 #
8)	L2 AR-1221-1	4.655	0.000	282585	0	9.339	N.D. #
9)	L2 AR-1221-2	4.752	3.900	704185	285832	31.769	36.041
10)	L2 AR-1221-3	4.881f	0.000	374333	0	5.432	N.D. #
11)	L3 AR-1232-1	4.881f	0.000	374333	0	7.203	N.D. #
12)	L3 AR-1232-2	5.194f	4.689	193628	422012	7.553	21.399 #
13)	L3 AR-1232-3	5.640	4.924f	235599	157645	4.899	15.482 #
14)	L3 AR-1232-4	0.000	4.984	0	103748	N.D.	10.680 #
15)	L3 AR-1232-5	5.901	5.085f	56293	154857	2.897	14.238 #
16)	L4 AR-1242-1	5.614	4.689	225098	422012	3.297	14.506 #
17)	L4 AR-1242-2	5.640	4.689	235599	422012	2.432	10.420 #
18)	L4 AR-1242-3	5.690	4.924f	741228	157645	12.217	7.135 #
19)	L4 AR-1242-4	0.000	4.984	0	103748	N.D.	4.437 #
20)	L4 AR-1242-5	6.550	5.418f	74348	35215	1.412	1.314
21)	L5 AR-1248-1	5.614	4.689	225098	422012	4.213	18.423 #
22)	L5 AR-1248-2	5.901	4.924	56293	157645	0.724	4.673 #
23)	L5 AR-1248-3	6.141f	4.984	666889	103748	7.967	2.985 #
24)	L5 AR-1248-4	6.514	5.085f	343931	154857	3.742	3.699
25)	L5 AR-1248-5	6.550	0.000	74348	0	0.827	N.D. #
26)	L6 AR-1254-1	6.481	5.418f	222752	35215	2.349	0.611 #
27)	L6 AR-1254-2	6.695	5.678f	360231	254979	2.509	4.973 #
28)	L6 AR-1254-3	7.072	6.066	2511818	652838	17.148	8.045 #
29)	L6 AR-1254-4	7.368	6.295	939762	110646	8.683	2.219 #
30)	L6 AR-1254-5	7.799	6.678	2246247	243426	18.664	3.223 #
31)	L7 AR-1260-1	7.285f	6.159	1768069	490428	15.195	9.049 #
32)	L7 AR-1260-2	7.505	6.336	1154277	412434	8.543	6.352 #
33)	L7 AR-1260-3	7.847	0.000	1110439	0	12.129	N.D. #
34)	L7 AR-1260-4	8.080	6.971	291159	711350	2.695	15.039 #
35)	L7 AR-1260-5	8.410	7.212	1073178	1152665	5.230	10.074 #
36)	L8 AR-1262-1	7.847	0.000	1110439	0	8.084	N.D. #
37)	L8 AR-1262-2	8.410	7.212	1073178	1152665	4.560	8.579 #
38)	L8 AR-1262-3	8.672f	7.528	550487	1491281	3.321	27.345 #
39)	L8 AR-1262-4	8.838	7.560	125075	859583	1.498	8.497 #
40)	L8 AR-1262-5	9.490	8.060	2155229	1483659	24.183	30.208
41)	L9 AR-1268-1	8.672f	7.528	550487	1491281	2.186	9.049 #

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 Quant Time: Aug 01 17:44:56 2022
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 QLast Update : Tue Jul 26 11:20:17 2022
 Response via : Initial Calibration
 Integrator: ChemStation

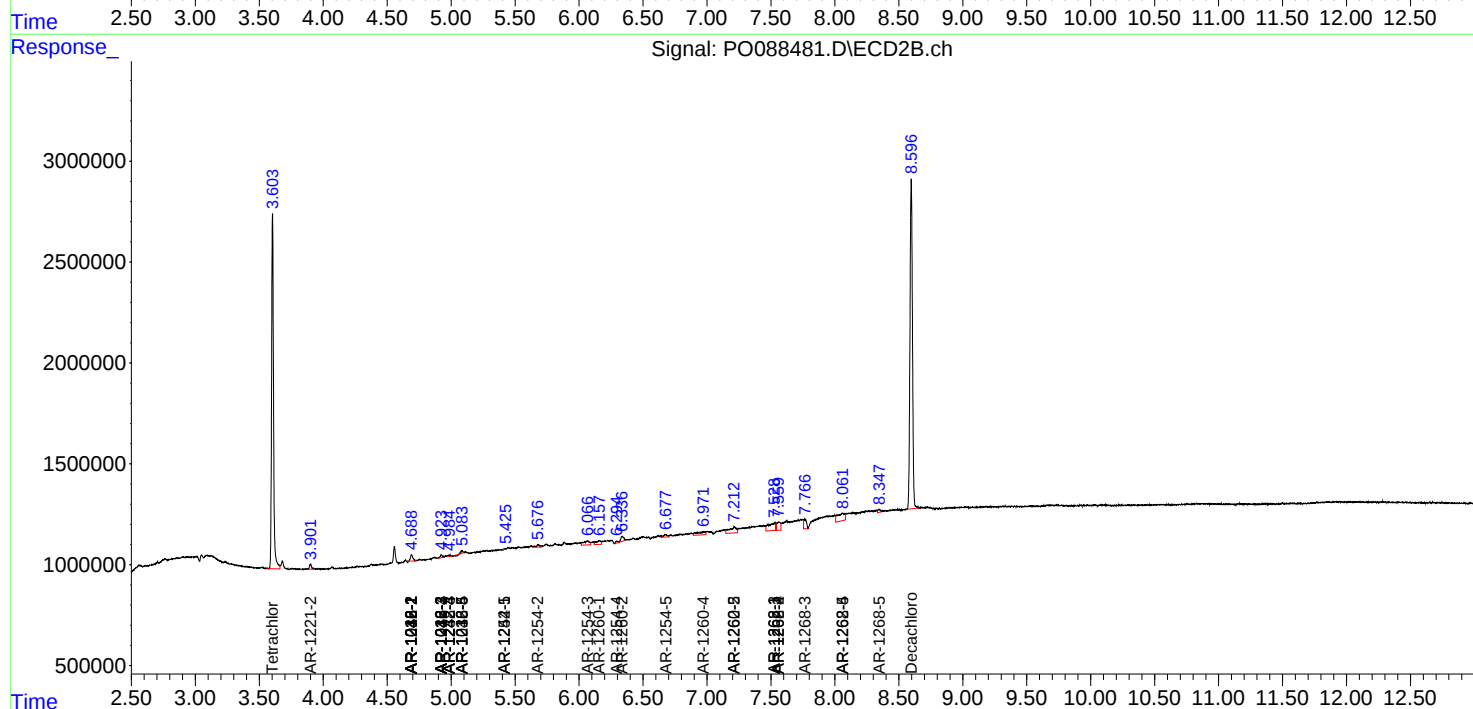
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

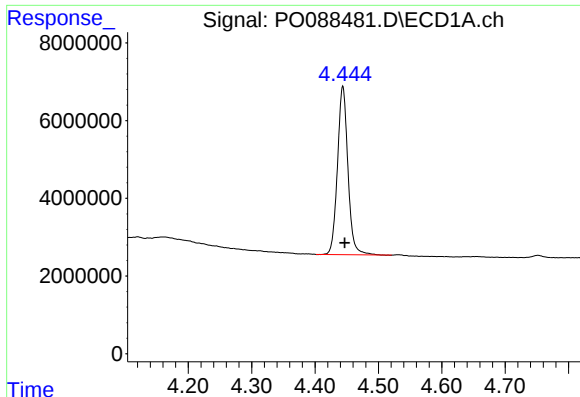
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.838	7.560	125075	859583	0.540	5.735 #
43) L9	AR-1268-3	9.101f	7.766	2745335	724115	13.675	5.734 #
44) L9	AR-1268-4	9.490	8.060	2155229	1483659	23.455	28.156
45) L9	AR-1268-5	9.925	8.346	273783	191195	0.415	0.497

(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

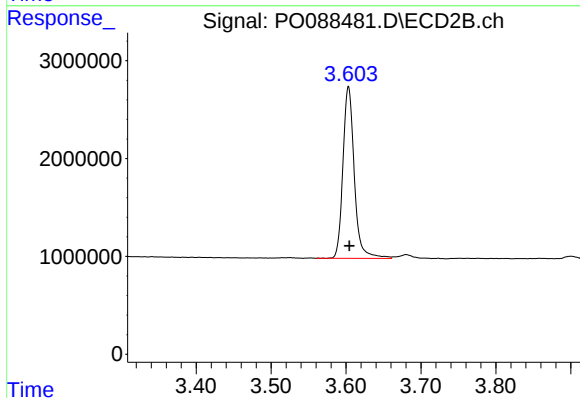




#1 Tetrachloro-m-xylene

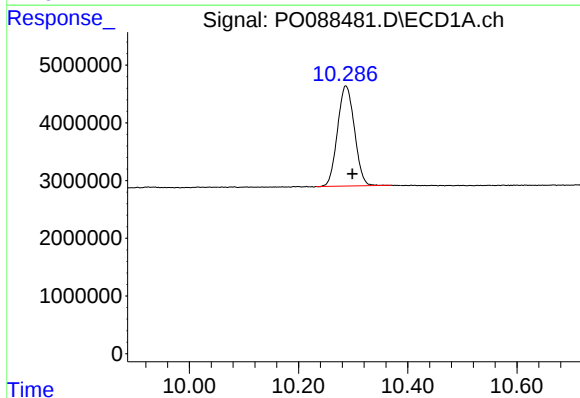
R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 49700528
Conc: 19.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



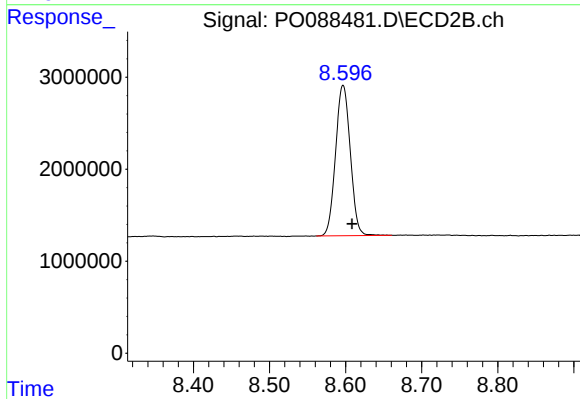
#1 Tetrachloro-m-xylene

R.T.: 3.603 min
Delta R.T.: -0.001 min
Response: 18531808
Conc: 19.64 ng/ml



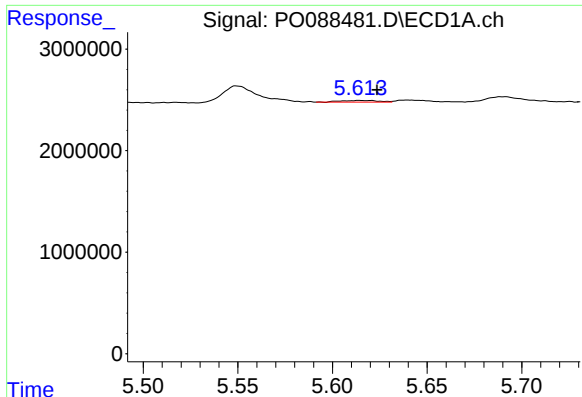
#2 Decachlorobiphenyl

R.T.: 10.287 min
Delta R.T.: -0.012 min
Response: 37438721
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

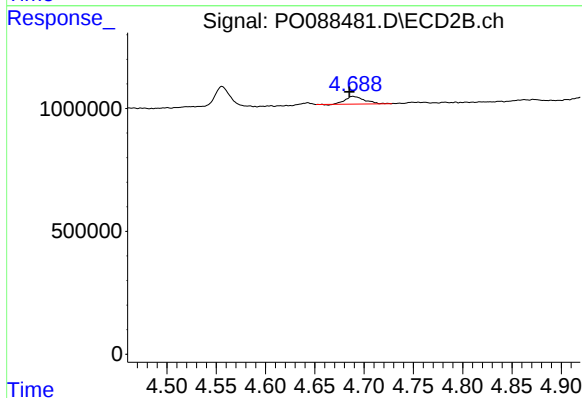
R.T.: 8.597 min
Delta R.T.: -0.012 min
Response: 21963108
Conc: 21.02 ng/ml



#3 AR-1016-1

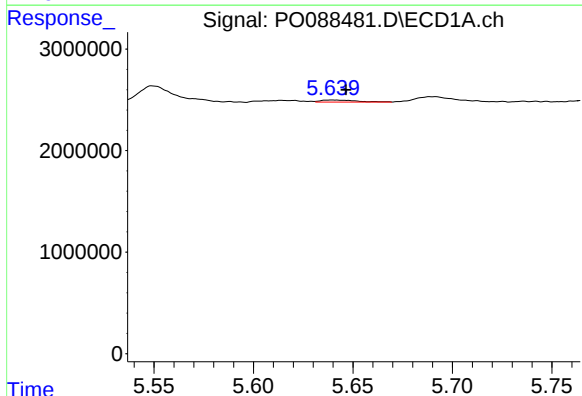
R.T.: 5.614 min
Delta R.T.: -0.009 min
Response: 225098
Conc: 2.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



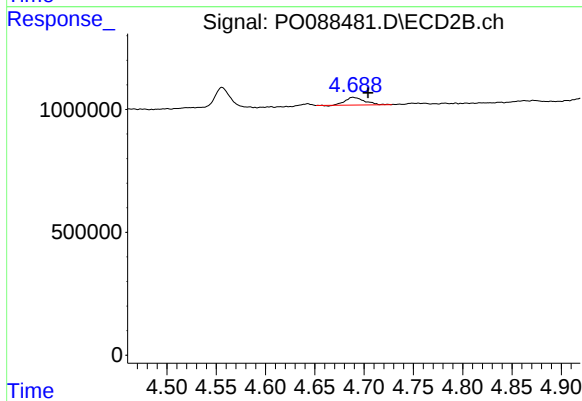
#3 AR-1016-1

R.T.: 4.689 min
Delta R.T.: 0.003 min
Response: 422012
Conc: 11.73 ng/ml



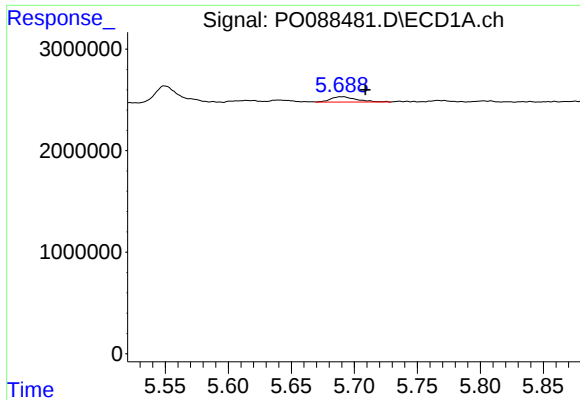
#4 AR-1016-2

R.T.: 5.640 min
Delta R.T.: -0.007 min
Response: 235599
Conc: 1.88 ng/ml



#4 AR-1016-2

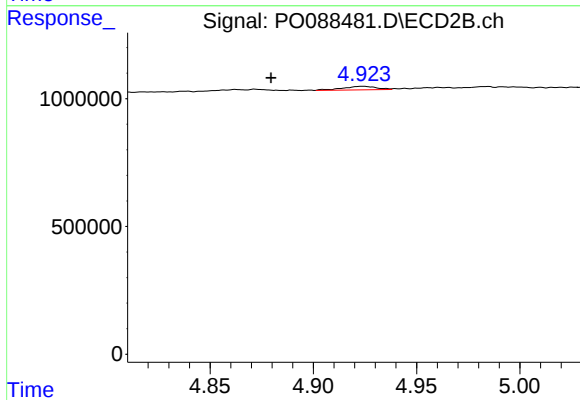
R.T.: 4.689 min
Delta R.T.: -0.015 min
Response: 422012
Conc: 8.26 ng/ml



#5 AR-1016-3

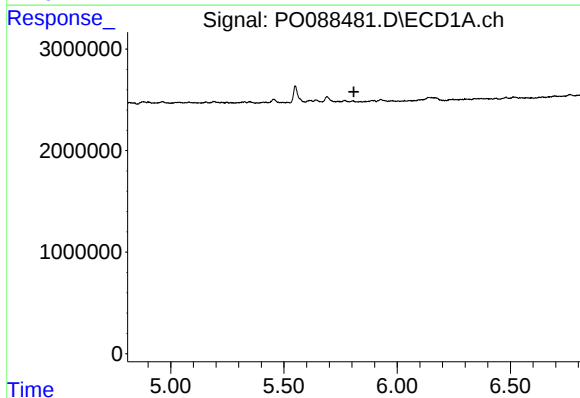
R.T.: 5.690 min
Delta R.T.: -0.019 min
Response: 741228
Conc: 9.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



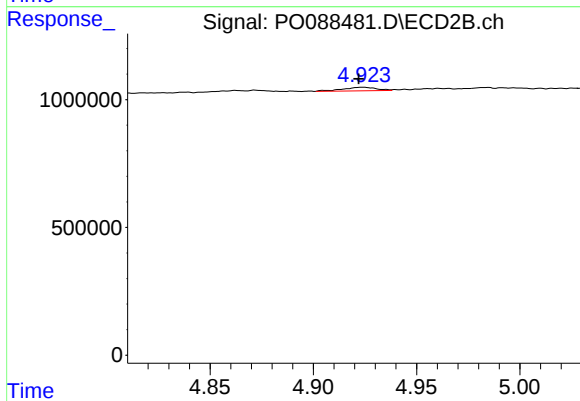
#5 AR-1016-3

R.T.: 4.924 min
Delta R.T.: 0.044 min
Response: 157645
Conc: 5.68 ng/ml



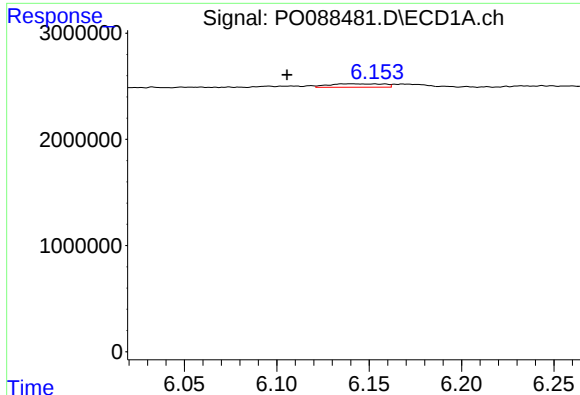
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.809 min
Response: 0
Conc: N.D.



#6 AR-1016-4

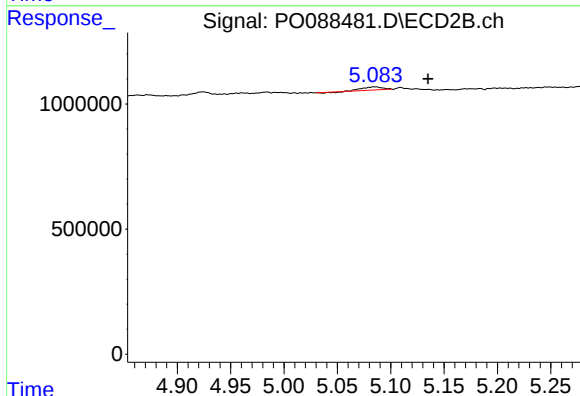
R.T.: 4.924 min
Delta R.T.: 0.002 min
Response: 157645
Conc: 6.78 ng/ml



#7 AR-1016-5

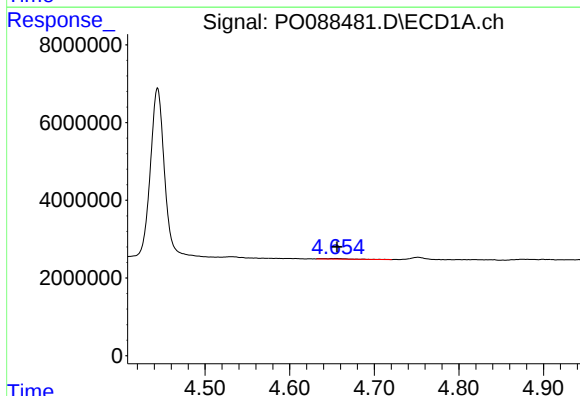
R.T.: 6.141 min
Delta R.T.: 0.035 min
Response: 666889
Conc: 10.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



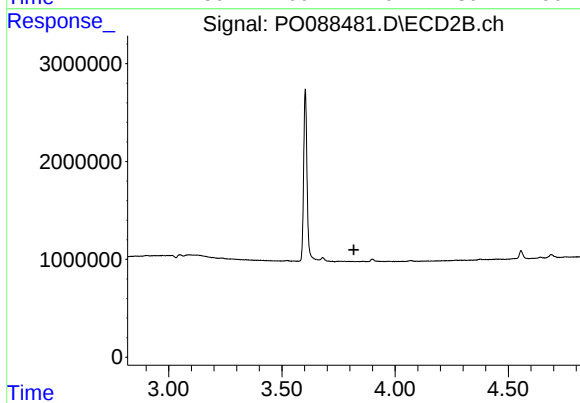
#7 AR-1016-5

R.T.: 5.085 min
Delta R.T.: -0.050 min
Response: 154857
Conc: 5.23 ng/ml



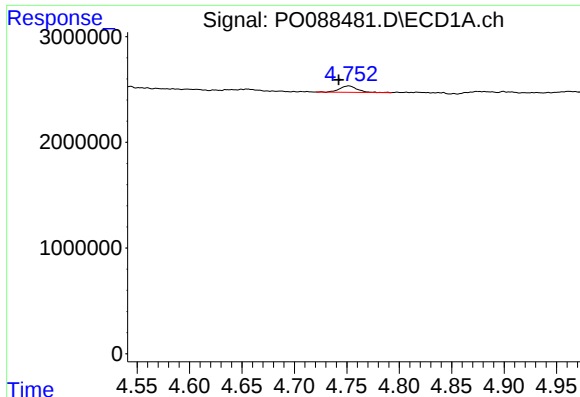
#8 AR-1221-1

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 282585
Conc: 9.34 ng/ml



#8 AR-1221-1

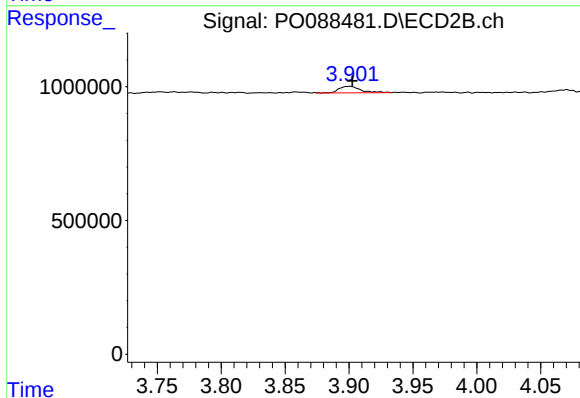
R.T.: 0.000 min
Exp R.T. : 3.818 min
Response: 0
Conc: N.D.



#9 AR-1221-2

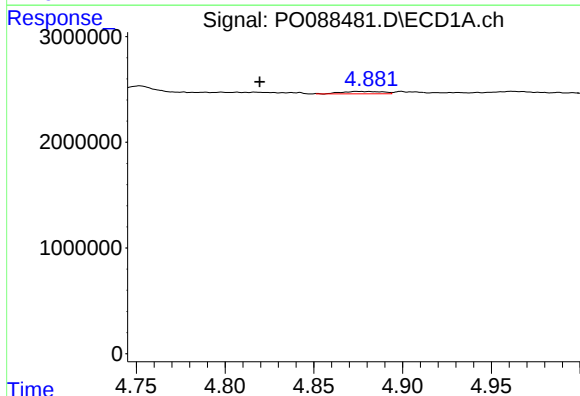
R.T.: 4.752 min
Delta R.T.: 0.010 min
Response: 704185
Conc: 31.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



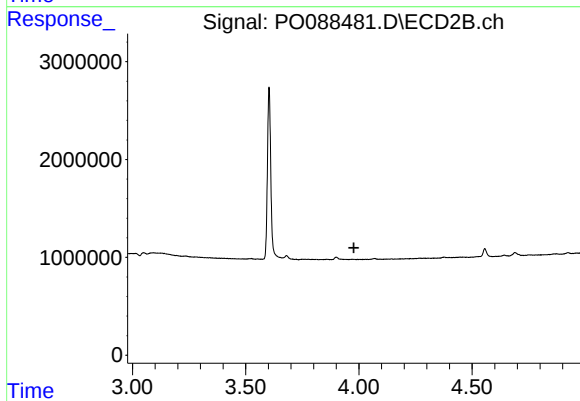
#9 AR-1221-2

R.T.: 3.900 min
Delta R.T.: -0.002 min
Response: 285832
Conc: 36.04 ng/ml



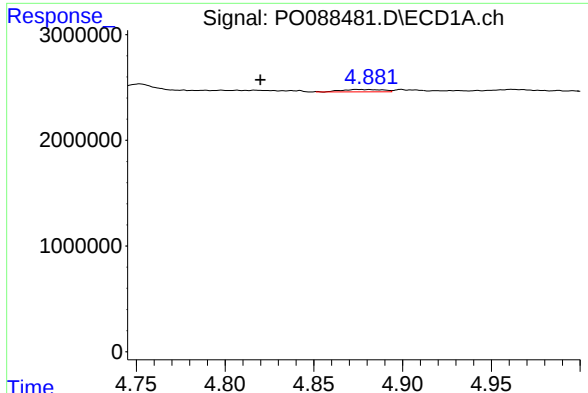
#10 AR-1221-3

R.T.: 4.881 min
Delta R.T.: 0.061 min
Response: 374333
Conc: 5.43 ng/ml



#10 AR-1221-3

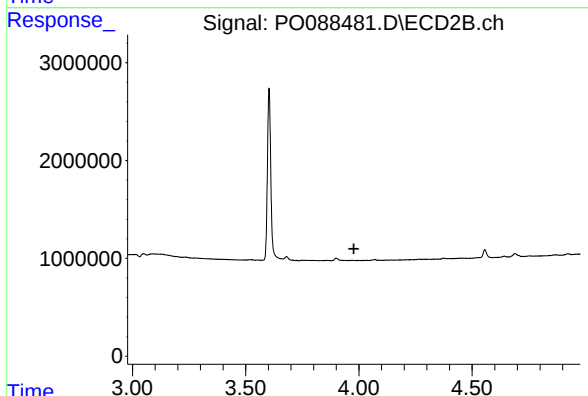
R.T.: 0.000 min
Exp R.T. : 3.978 min
Response: 0
Conc: N.D.



#11 AR-1232-1

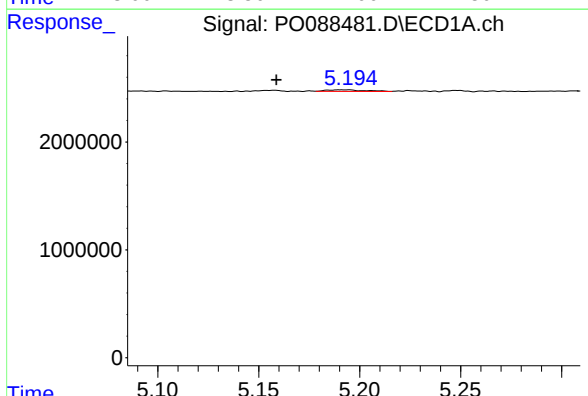
R.T.: 4.881 min
Delta R.T.: 0.061 min
Response: 374333
Conc: 7.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



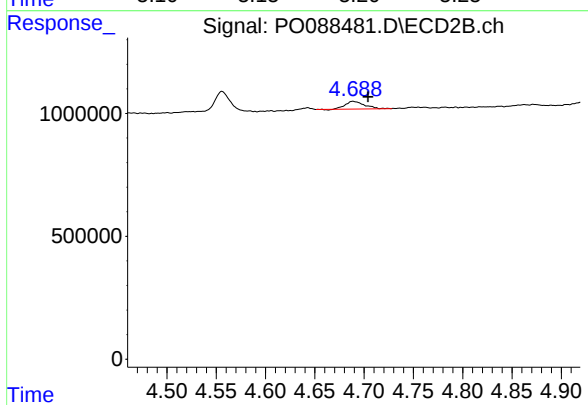
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.978 min
Response: 0
Conc: N.D.



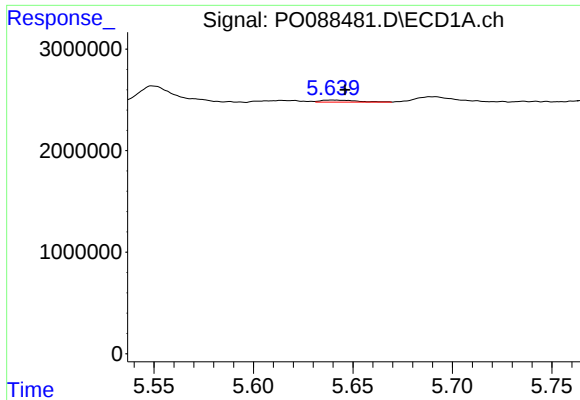
#12 AR-1232-2

R.T.: 5.194 min
Delta R.T.: 0.035 min
Response: 193628
Conc: 7.55 ng/ml



#12 AR-1232-2

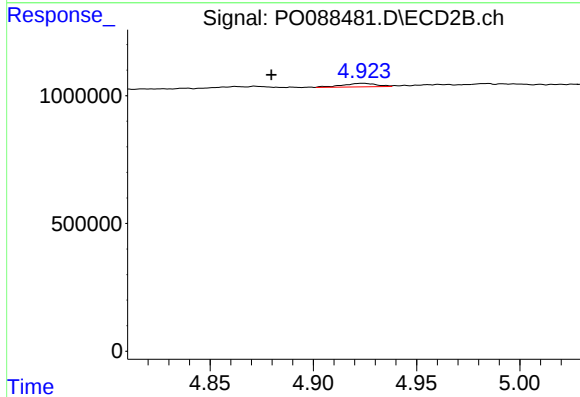
R.T.: 4.689 min
Delta R.T.: -0.015 min
Response: 422012
Conc: 21.40 ng/ml



#13 AR-1232-3

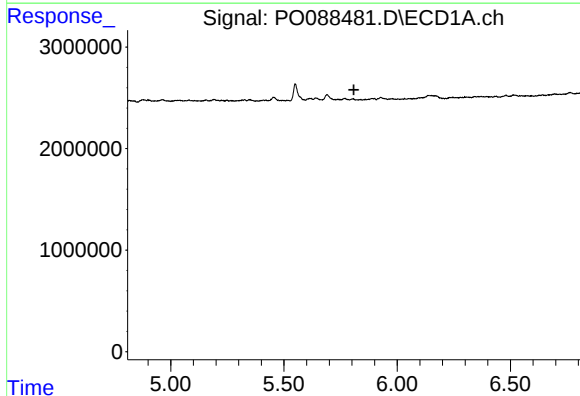
R.T.: 5.640 min
Delta R.T.: -0.006 min
Response: 235599
Conc: 4.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



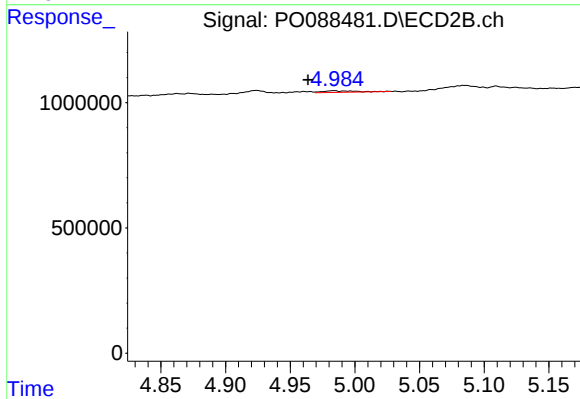
#13 AR-1232-3

R.T.: 4.924 min
Delta R.T.: 0.044 min
Response: 157645
Conc: 15.48 ng/ml



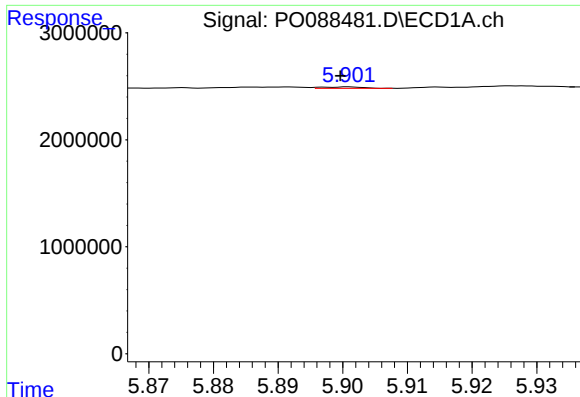
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.809 min
Response: 0
Conc: N.D.



#14 AR-1232-4

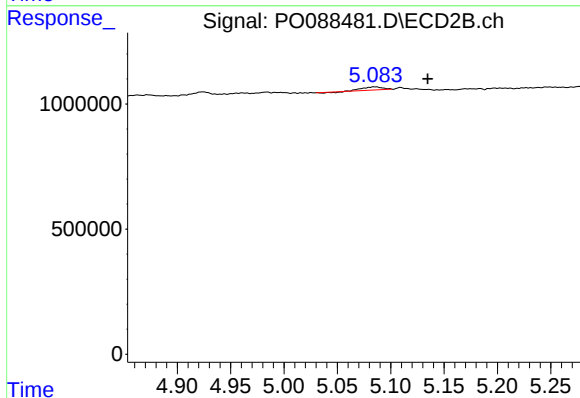
R.T.: 4.984 min
Delta R.T.: 0.020 min
Response: 103748
Conc: 10.68 ng/ml



#15 AR-1232-5

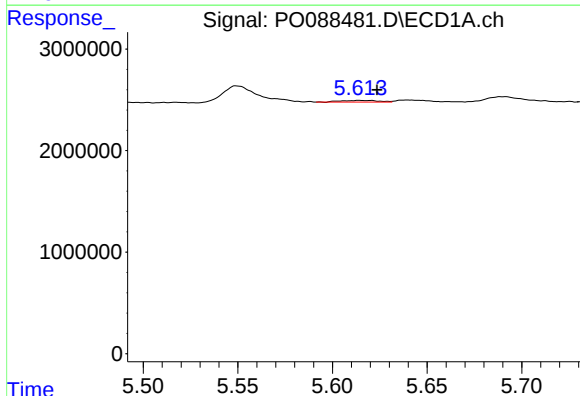
R.T.: 5.901 min
Delta R.T.: 0.001 min
Response: 56293
Conc: 2.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



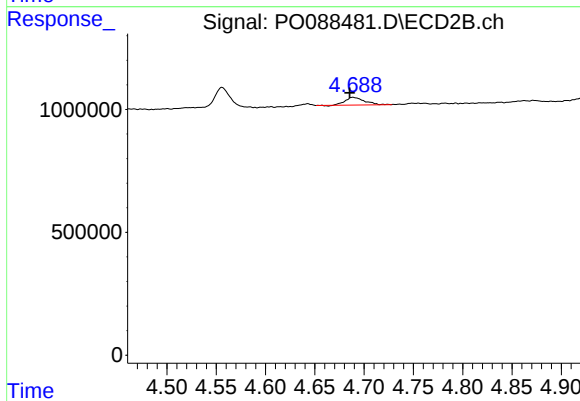
#15 AR-1232-5

R.T.: 5.085 min
Delta R.T.: -0.049 min
Response: 154857
Conc: 14.24 ng/ml



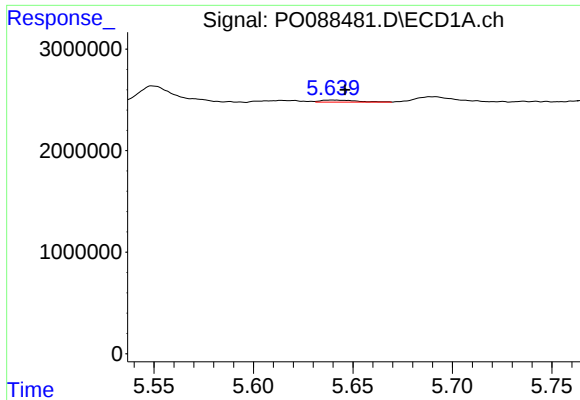
#16 AR-1242-1

R.T.: 5.614 min
Delta R.T.: -0.009 min
Response: 225098
Conc: 3.30 ng/ml



#16 AR-1242-1

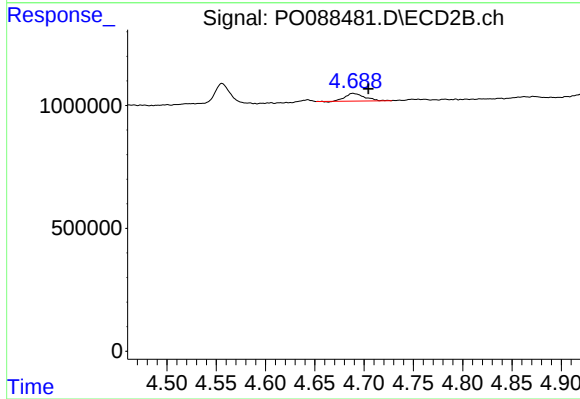
R.T.: 4.689 min
Delta R.T.: 0.003 min
Response: 422012
Conc: 14.51 ng/ml



#17 AR-1242-2

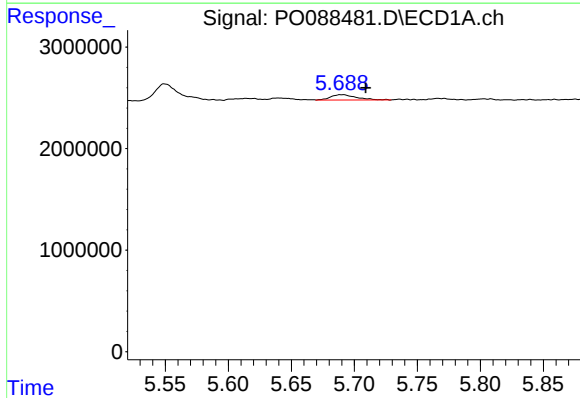
R.T.: 5.640 min
Delta R.T.: -0.006 min
Response: 235599
Conc: 2.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



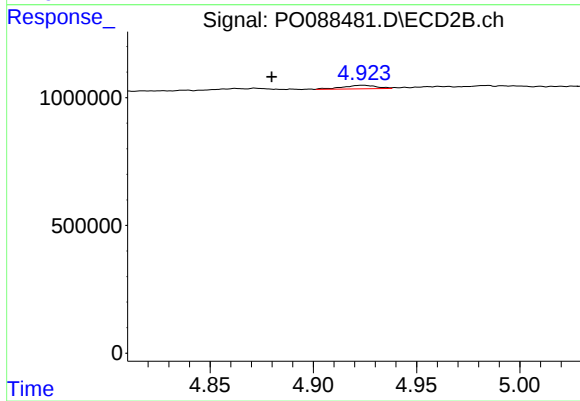
#17 AR-1242-2

R.T.: 4.689 min
Delta R.T.: -0.016 min
Response: 422012
Conc: 10.42 ng/ml



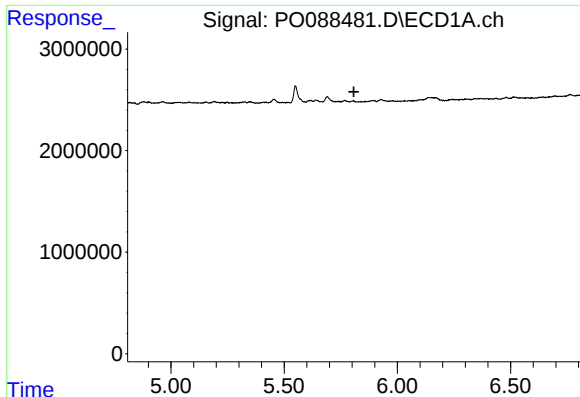
#18 AR-1242-3

R.T.: 5.690 min
Delta R.T.: -0.019 min
Response: 741228
Conc: 12.22 ng/ml



#18 AR-1242-3

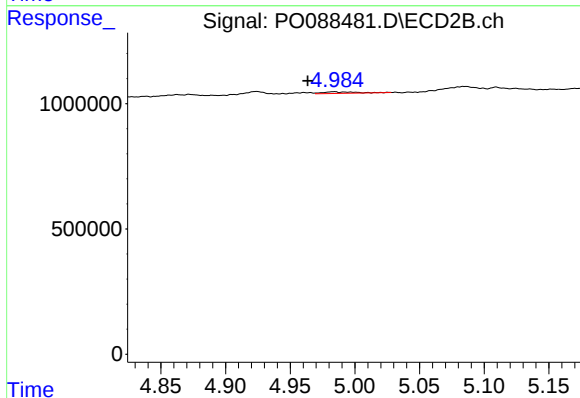
R.T.: 4.924 min
Delta R.T.: 0.044 min
Response: 157645
Conc: 7.13 ng/ml



#19 AR-1242-4

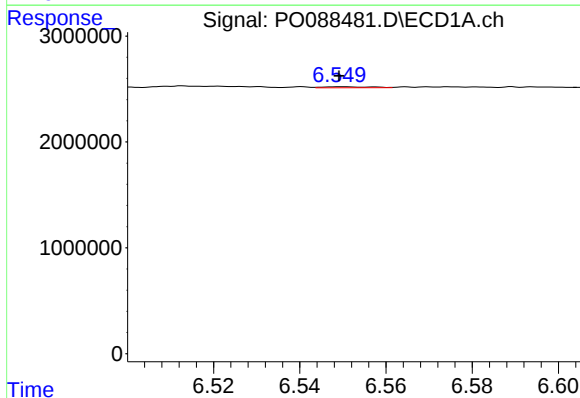
R.T.: 0.000 min
Exp R.T.: 5.808 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



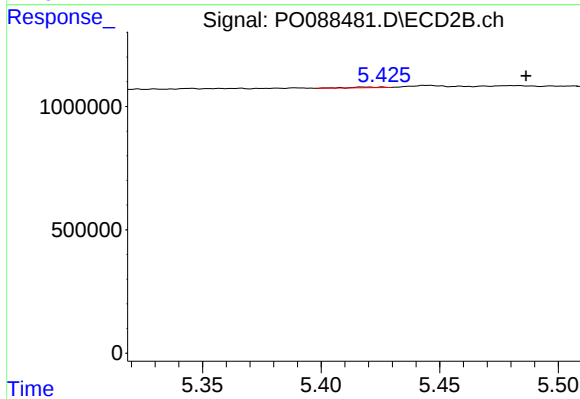
#19 AR-1242-4

R.T.: 4.984 min
Delta R.T.: 0.020 min
Response: 103748
Conc: 4.44 ng/ml



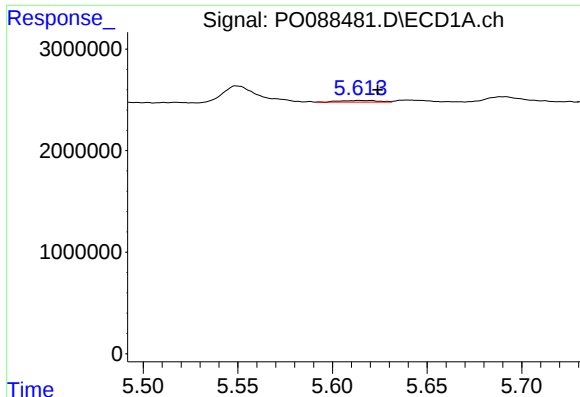
#20 AR-1242-5

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 74348
Conc: 1.41 ng/ml



#20 AR-1242-5

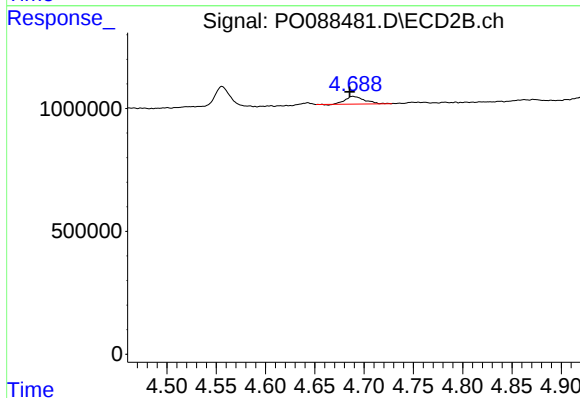
R.T.: 5.418 min
Delta R.T.: -0.069 min
Response: 35215
Conc: 1.31 ng/ml



#21 AR-1248-1

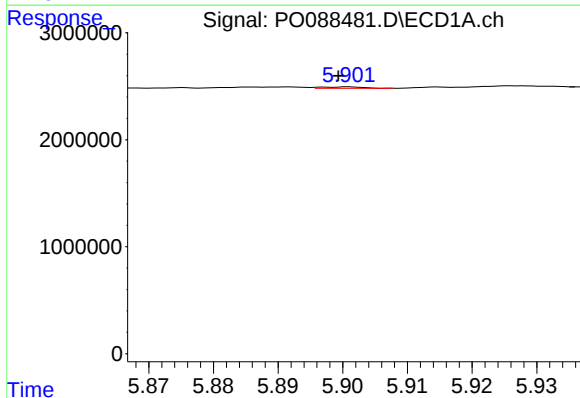
R.T.: 5.614 min
Delta R.T.: -0.010 min
Response: 225098
Conc: 4.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



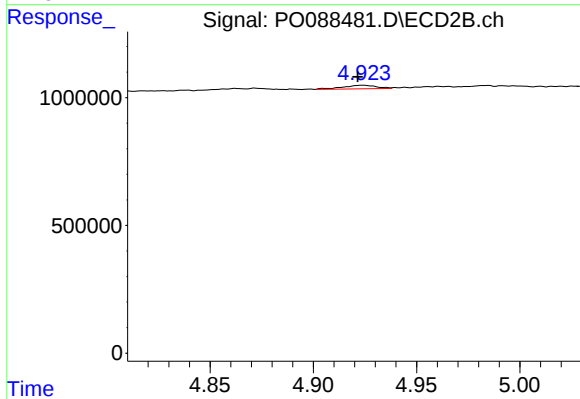
#21 AR-1248-1

R.T.: 4.689 min
Delta R.T.: 0.003 min
Response: 422012
Conc: 18.42 ng/ml



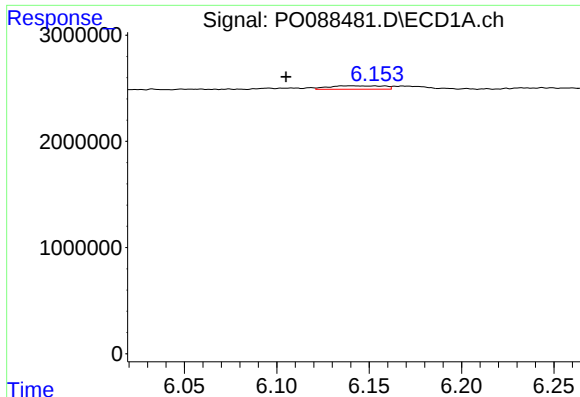
#22 AR-1248-2

R.T.: 5.901 min
Delta R.T.: 0.001 min
Response: 56293
Conc: 0.72 ng/ml



#22 AR-1248-2

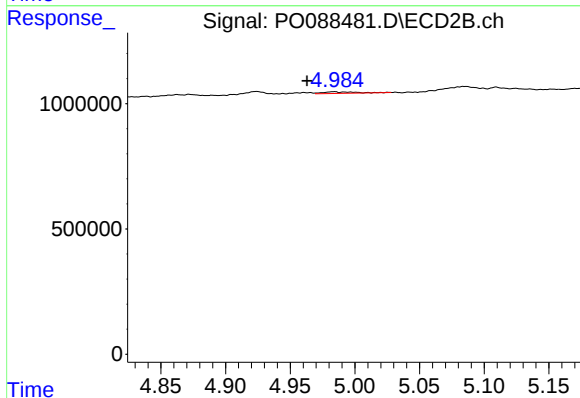
R.T.: 4.924 min
Delta R.T.: 0.002 min
Response: 157645
Conc: 4.67 ng/ml



#23 AR-1248-3

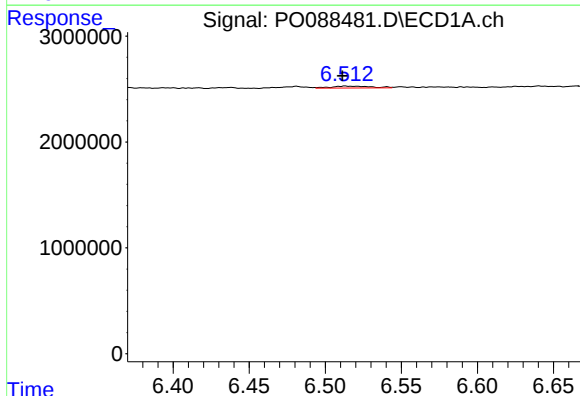
R.T.: 6.141 min
Delta R.T.: 0.035 min
Response: 666889
Conc: 7.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



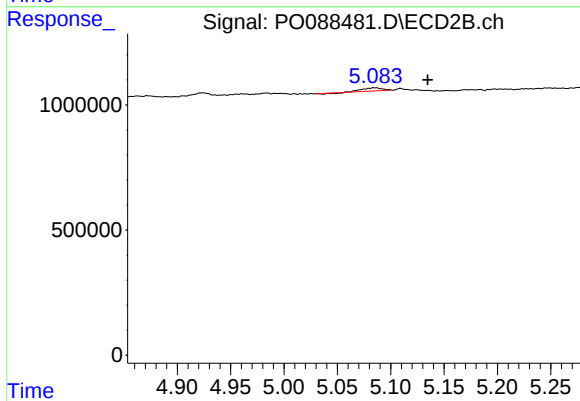
#23 AR-1248-3

R.T.: 4.984 min
Delta R.T.: 0.021 min
Response: 103748
Conc: 2.99 ng/ml



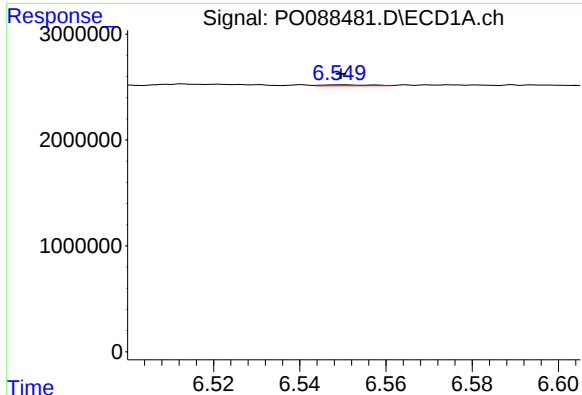
#24 AR-1248-4

R.T.: 6.514 min
Delta R.T.: 0.002 min
Response: 343931
Conc: 3.74 ng/ml



#24 AR-1248-4

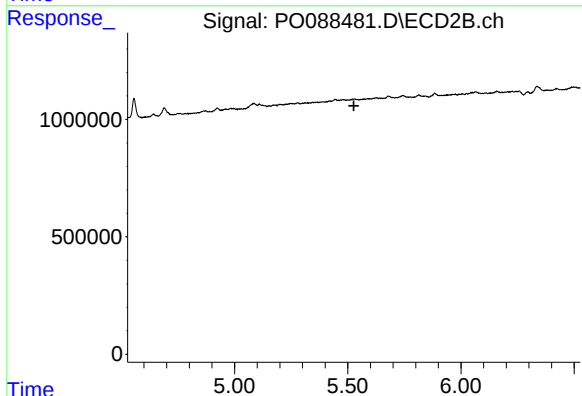
R.T.: 5.085 min
Delta R.T.: -0.049 min
Response: 154857
Conc: 3.70 ng/ml



#25 AR-1248-5

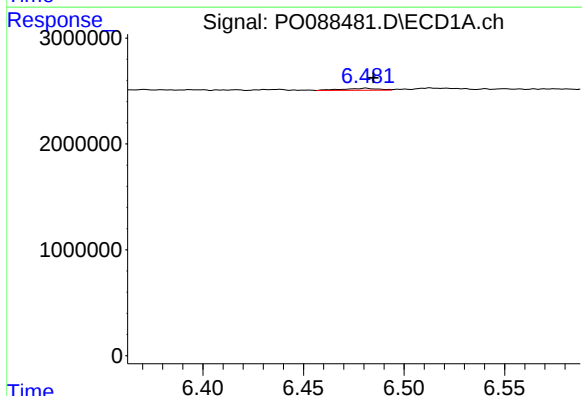
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 74348
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



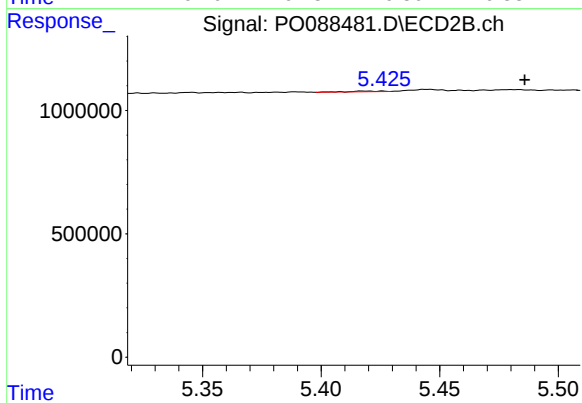
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.527 min
Response: 0
Conc: N.D.



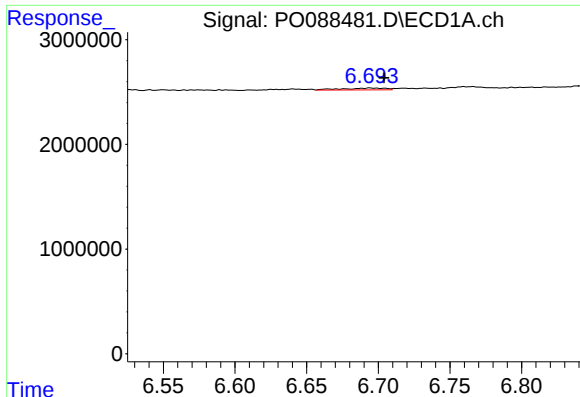
#26 AR-1254-1

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 222752
Conc: 2.35 ng/ml



#26 AR-1254-1

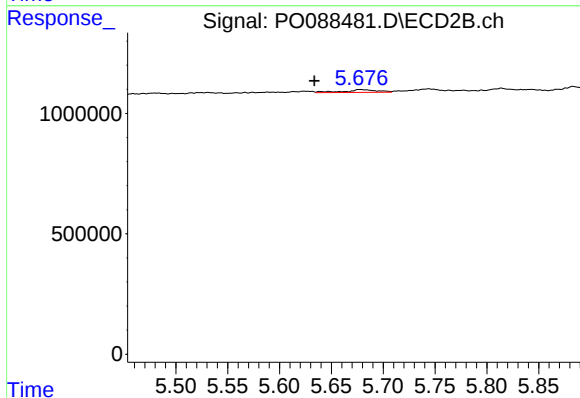
R.T.: 5.418 min
Delta R.T.: -0.068 min
Response: 35215
Conc: 0.61 ng/ml



#27 AR-1254-2

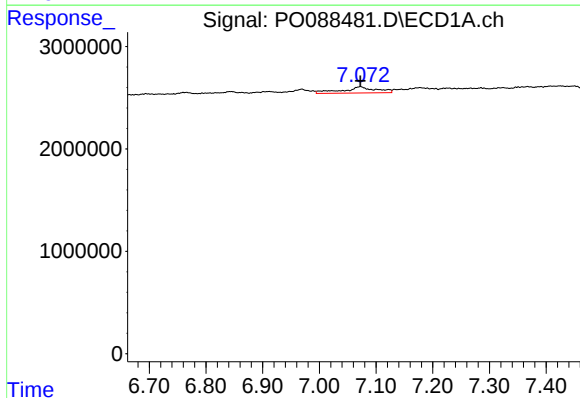
R.T.: 6.695 min
Delta R.T.: -0.009 min
Response: 360231
Conc: 2.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



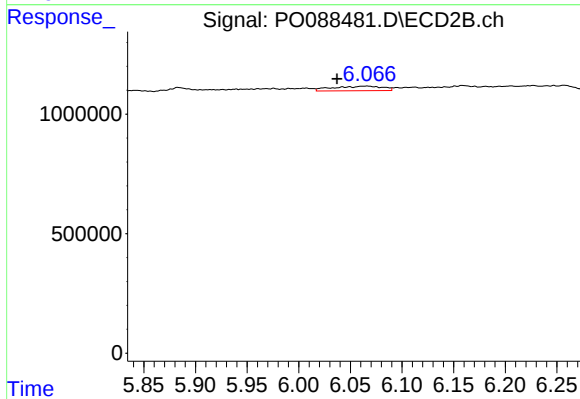
#27 AR-1254-2

R.T.: 5.678 min
Delta R.T.: 0.044 min
Response: 254979
Conc: 4.97 ng/ml



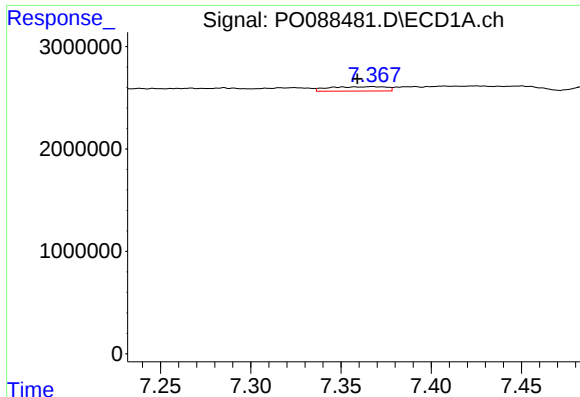
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 2511818
Conc: 17.15 ng/ml



#28 AR-1254-3

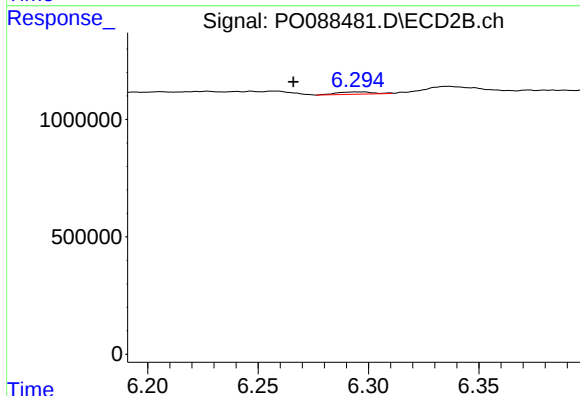
R.T.: 6.066 min
Delta R.T.: 0.029 min
Response: 652838
Conc: 8.04 ng/ml



#29 AR-1254-4

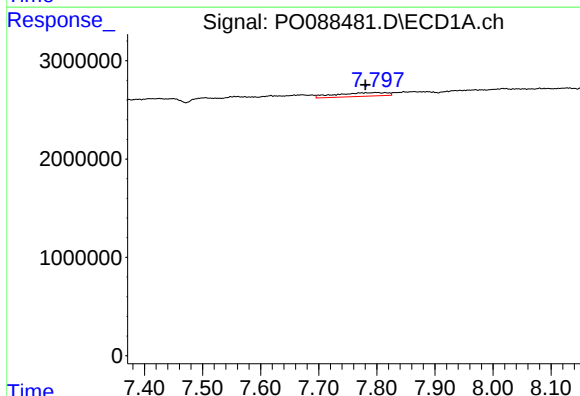
R.T.: 7.368 min
Delta R.T.: 0.009 min
Response: 939762
Conc: 8.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



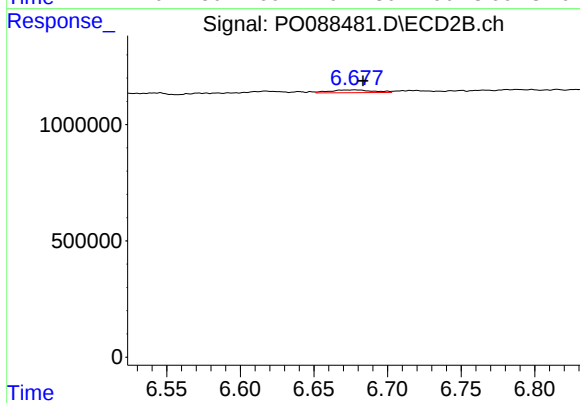
#29 AR-1254-4

R.T.: 6.295 min
Delta R.T.: 0.029 min
Response: 110646
Conc: 2.22 ng/ml



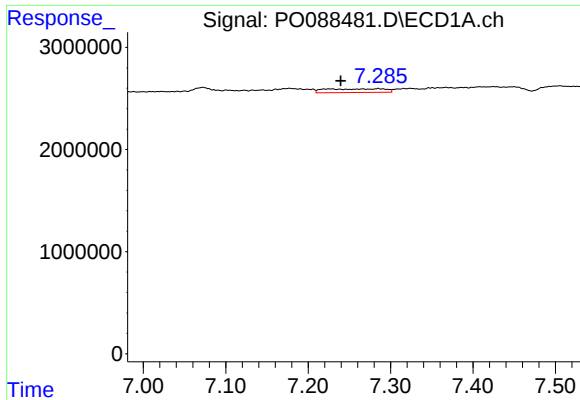
#30 AR-1254-5

R.T.: 7.799 min
Delta R.T.: 0.019 min
Response: 2246247
Conc: 18.66 ng/ml



#30 AR-1254-5

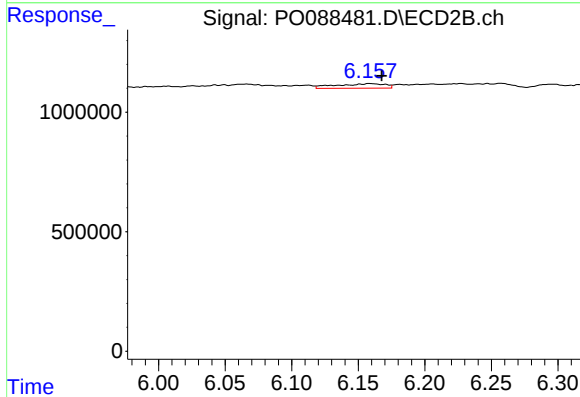
R.T.: 6.678 min
Delta R.T.: -0.006 min
Response: 243426
Conc: 3.22 ng/ml



#31 AR-1260-1

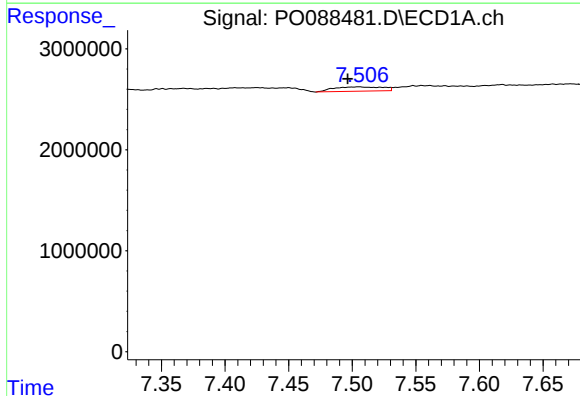
R.T.: 7.285 min
Delta R.T.: 0.046 min
Response: 1768069
Conc: 15.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



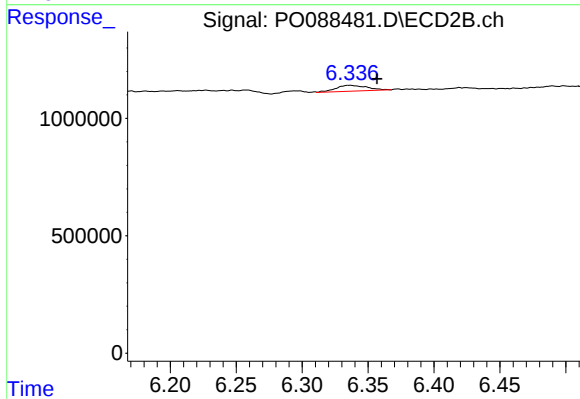
#31 AR-1260-1

R.T.: 6.159 min
Delta R.T.: -0.009 min
Response: 490428
Conc: 9.05 ng/ml



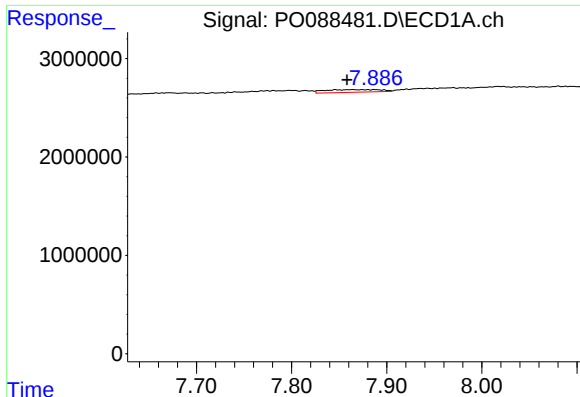
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.008 min
Response: 1154277
Conc: 8.54 ng/ml



#32 AR-1260-2

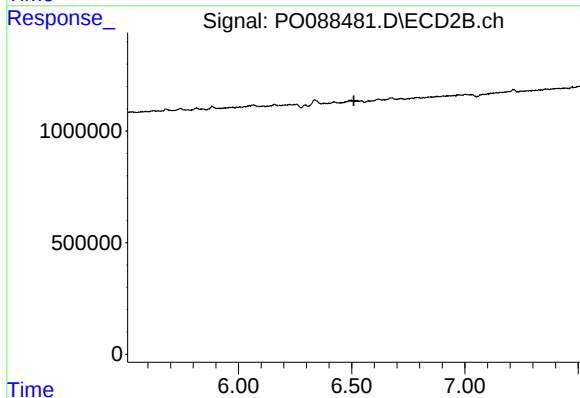
R.T.: 6.336 min
Delta R.T.: -0.021 min
Response: 412434
Conc: 6.35 ng/ml



#33 AR-1260-3

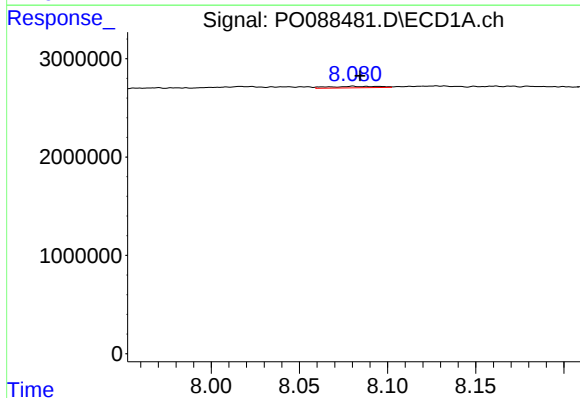
R.T.: 7.847 min
Delta R.T.: -0.011 min
Response: 1110439
Conc: 12.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



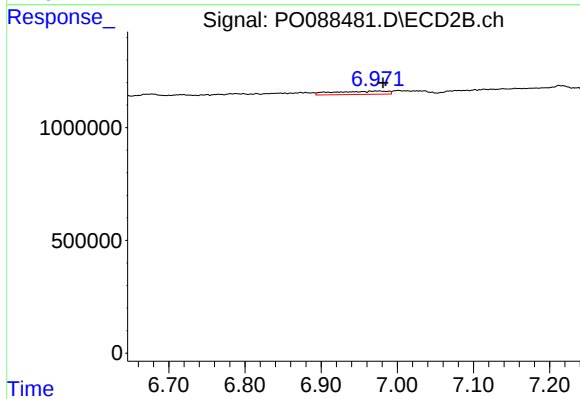
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.509 min
Response: 0
Conc: N.D.



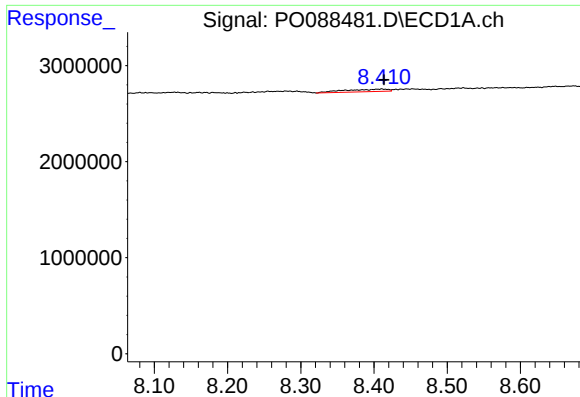
#34 AR-1260-4

R.T.: 8.080 min
Delta R.T.: -0.004 min
Response: 291159
Conc: 2.70 ng/ml



#34 AR-1260-4

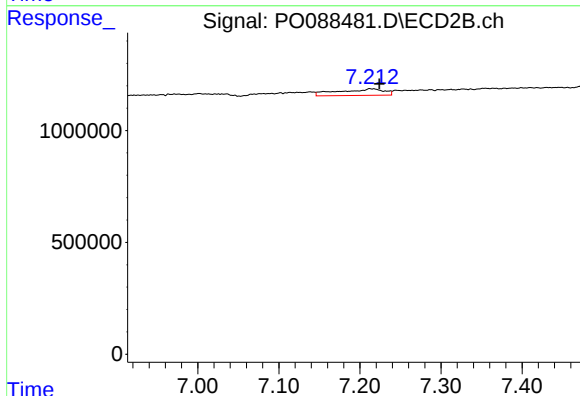
R.T.: 6.971 min
Delta R.T.: -0.010 min
Response: 711350
Conc: 15.04 ng/ml



#35 AR-1260-5

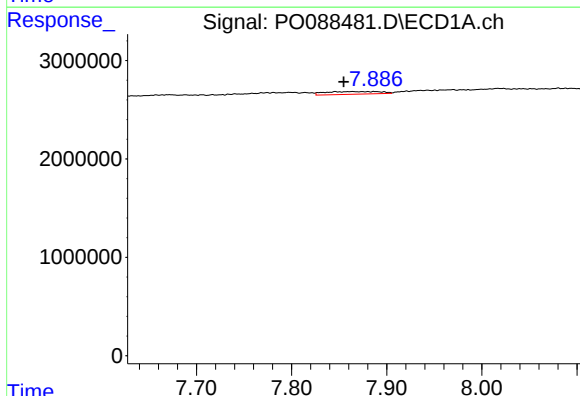
R.T.: 8.410 min
Delta R.T.: -0.004 min
Response: 1073178
Conc: 5.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



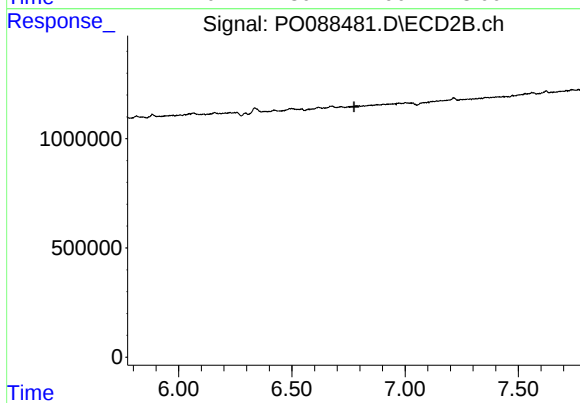
#35 AR-1260-5

R.T.: 7.212 min
Delta R.T.: -0.012 min
Response: 1152665
Conc: 10.07 ng/ml



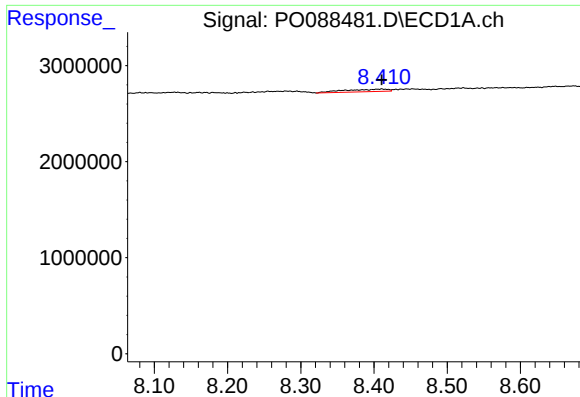
#36 AR-1262-1

R.T.: 7.847 min
Delta R.T.: -0.008 min
Response: 1110439
Conc: 8.08 ng/ml



#36 AR-1262-1

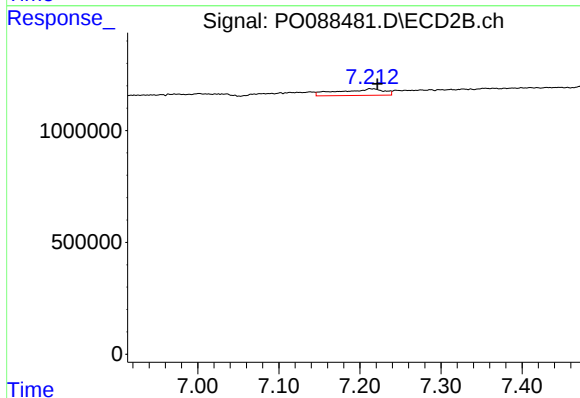
R.T.: 0.000 min
Exp R.T.: 6.774 min
Response: 0
Conc: N.D.



#37 AR-1262-2

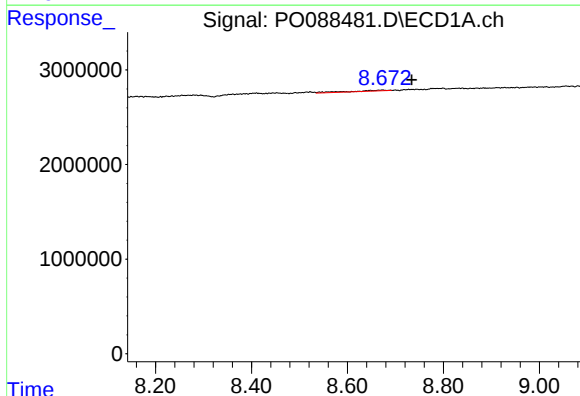
R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 1073178
Conc: 4.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



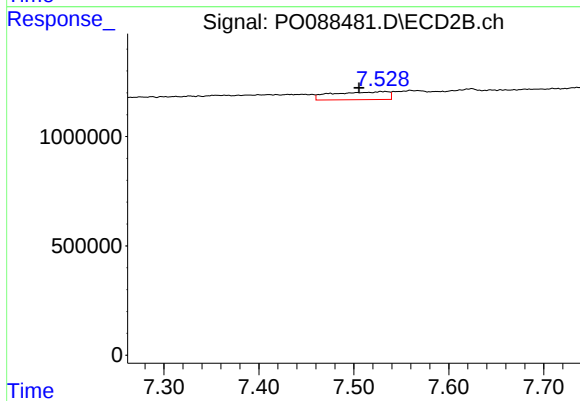
#37 AR-1262-2

R.T.: 7.212 min
Delta R.T.: -0.009 min
Response: 1152665
Conc: 8.58 ng/ml



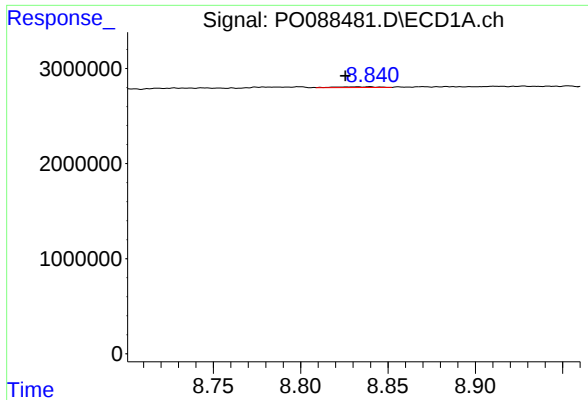
#38 AR-1262-3

R.T.: 8.672 min
Delta R.T.: -0.062 min
Response: 550487
Conc: 3.32 ng/ml



#38 AR-1262-3

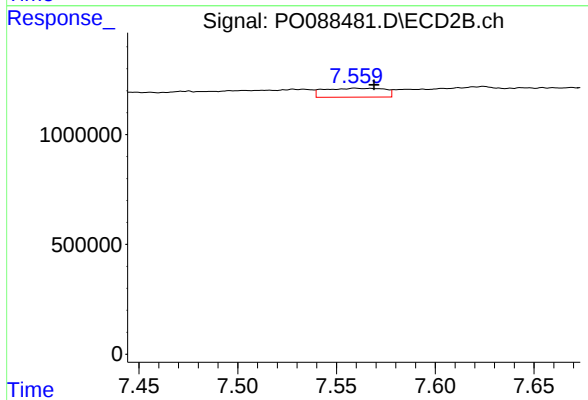
R.T.: 7.528 min
Delta R.T.: 0.023 min
Response: 1491281
Conc: 27.35 ng/ml



#39 AR-1262-4

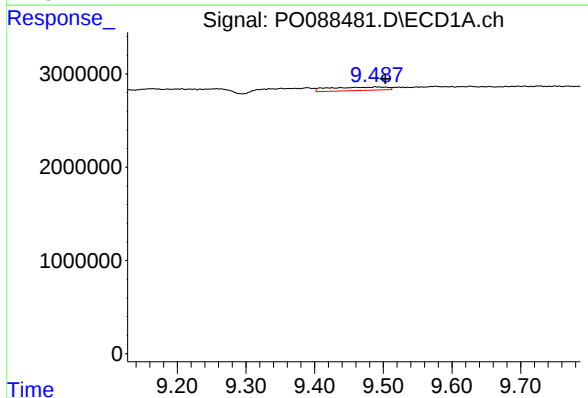
R.T.: 8.838 min
Delta R.T.: 0.012 min
Response: 125075
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



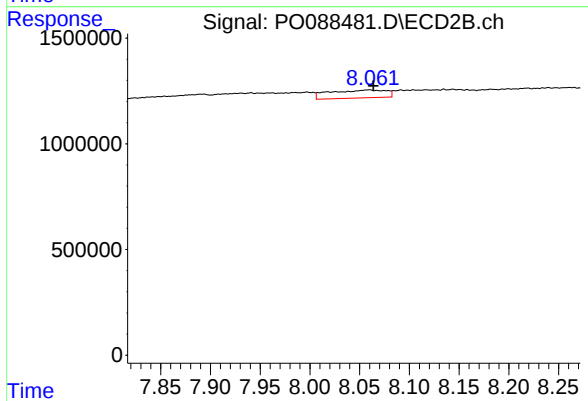
#39 AR-1262-4

R.T.: 7.560 min
Delta R.T.: -0.009 min
Response: 859583
Conc: 8.50 ng/ml



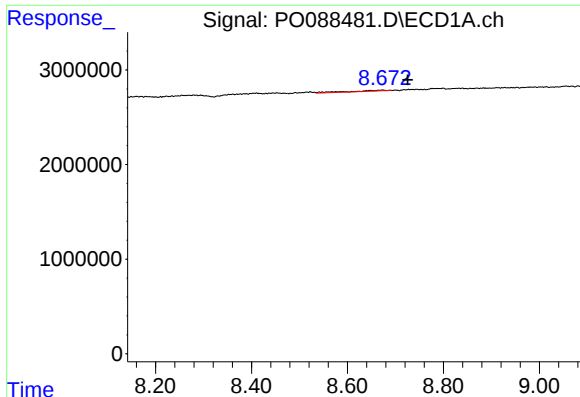
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: -0.013 min
Response: 2155229
Conc: 24.18 ng/ml



#40 AR-1262-5

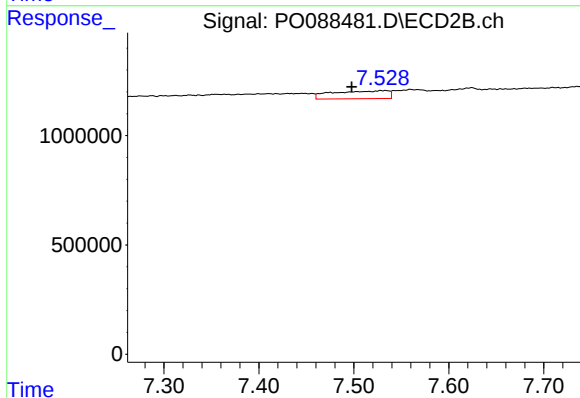
R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 1483659
Conc: 30.21 ng/ml



#41 AR-1268-1

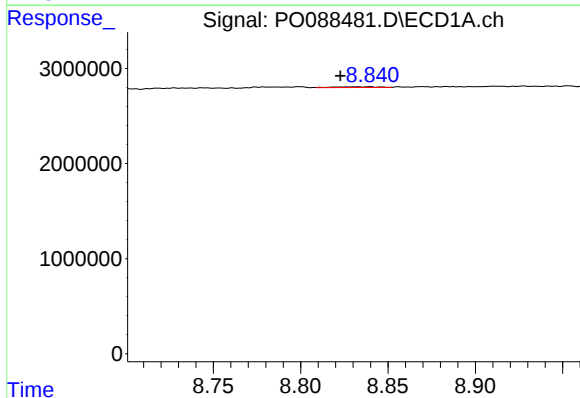
R.T.: 8.672 min
Delta R.T.: -0.053 min
Response: 550487
Conc: 2.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



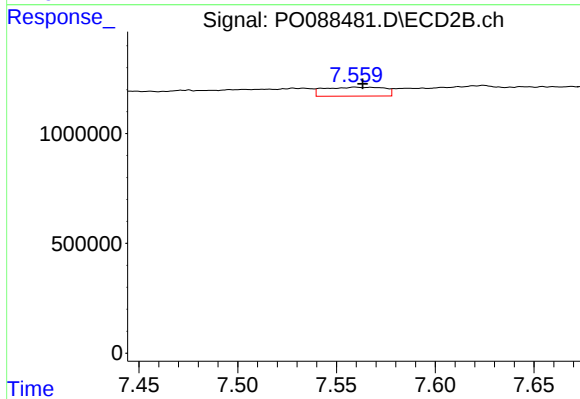
#41 AR-1268-1

R.T.: 7.528 min
Delta R.T.: 0.031 min
Response: 1491281
Conc: 9.05 ng/ml



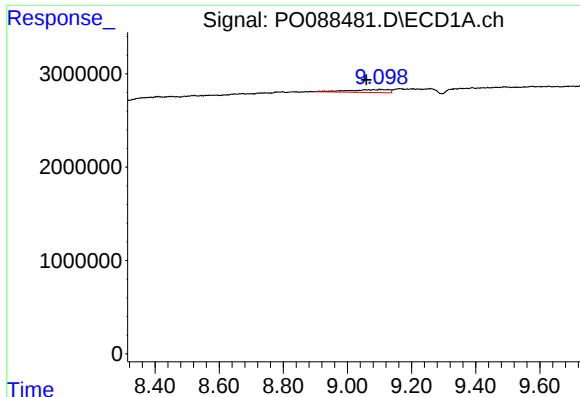
#42 AR-1268-2

R.T.: 8.838 min
Delta R.T.: 0.015 min
Response: 125075
Conc: 0.54 ng/ml



#42 AR-1268-2

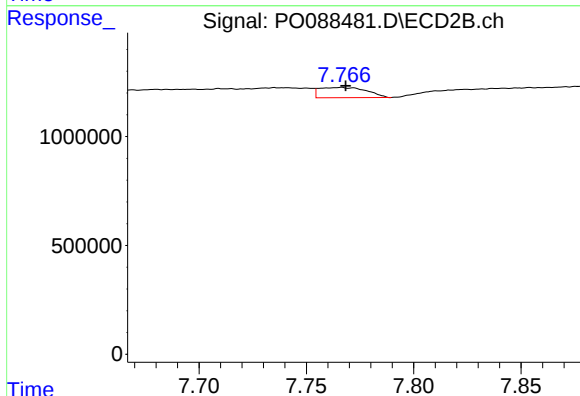
R.T.: 7.560 min
Delta R.T.: -0.004 min
Response: 859583
Conc: 5.73 ng/ml



#43 AR-1268-3

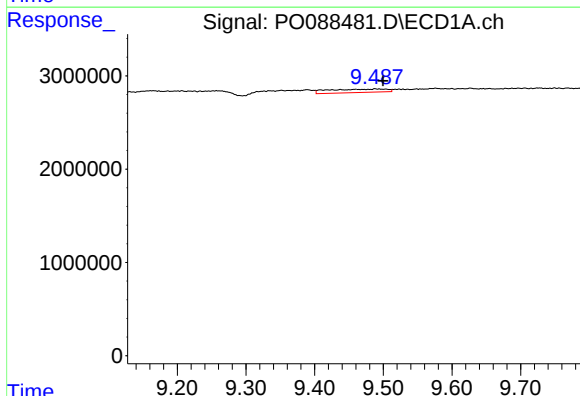
R.T.: 9.101 min
Delta R.T.: 0.042 min
Response: 2745335
Conc: 13.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



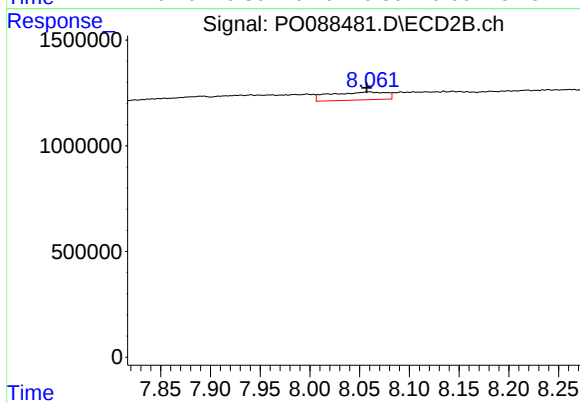
#43 AR-1268-3

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 724115
Conc: 5.73 ng/ml



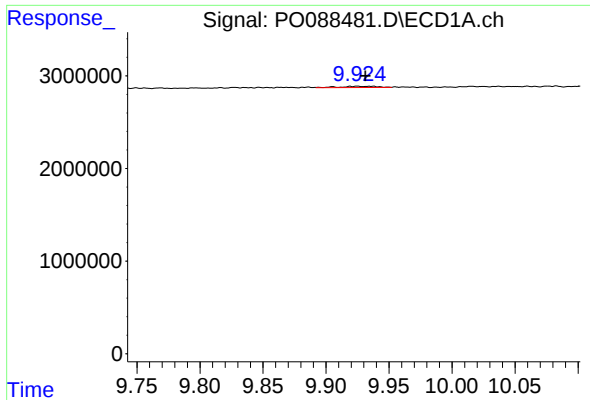
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: -0.010 min
Response: 2155229
Conc: 23.45 ng/ml



#44 AR-1268-4

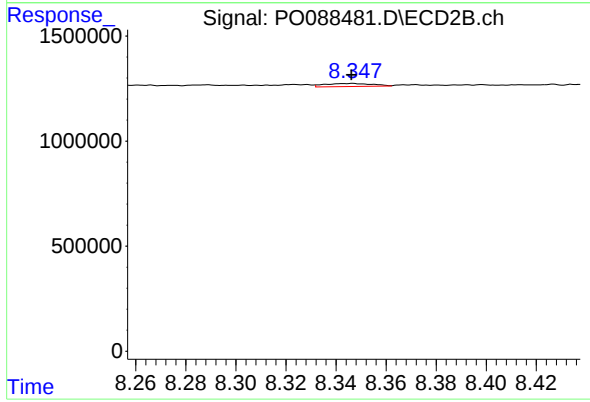
R.T.: 8.060 min
Delta R.T.: 0.003 min
Response: 1483659
Conc: 28.16 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: -0.007 min
Response: 273783
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.346 min
Delta R.T.: 0.000 min
Response: 191195
Conc: 0.50 ng/ml