

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
 Data File : P0097186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 10:05
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:15:33 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...	4.410	3.615	179.3E6	70439435	54.153	53.210
2) SA Decachlor...	10.348	8.629	124.0E6	58756720	56.672	50.787
Target Compounds						
3) L1 AR-1016-1	5.595	4.716	1521634	550172	16.156	12.409
4) L1 AR-1016-2	5.621	4.716	1864642	550172	13.939	8.994 #
5) L1 AR-1016-3	5.683	4.894	848366	393778	9.749	12.054
6) L1 AR-1016-4	5.781	4.936	853451	16289590	12.706	569.837 #
7) L1 AR-1016-5	6.084	5.149	20353180	10748721	291.522	279.576
8) L2 AR-1221-1	4.595	0.000	371112	0	9.106	N.D. #
9) L2 AR-1221-2	4.721	3.914	2466890	985768	81.202	76.294
10) L2 AR-1221-3	4.787	3.990	616273	285725	7.041	7.198
11) L3 AR-1232-1	4.787	3.990	616273	285725	8.450	8.833
12) L3 AR-1232-2	5.323	4.716	977679	550172	24.660	19.068
13) L3 AR-1232-3	5.621	4.894	1864642	393778	30.482	25.972
14) L3 AR-1232-4	5.781	4.977	853451	5322015	27.969	356.115 #
15) L3 AR-1232-5	5.876	5.149	35748236	10748721	1277.490	657.544 #
16) L4 AR-1242-1	5.595	4.716	1521634	550172	18.154	13.955
17) L4 AR-1242-2	5.621	4.716	1864642	550172	15.834	10.097 #
18) L4 AR-1242-3	5.683	4.894	848366	393778	11.484	13.317
19) L4 AR-1242-4	5.781	4.977	853451	5322015	14.336	168.878 #
20) L4 AR-1242-5	6.540	5.502	17247124	37615658	313.472	1032.371 #
21) L5 AR-1248-1	5.595	4.716	1521634	550172	25.969	19.605
22) L5 AR-1248-2	5.876	4.936	35748236	16289590	380.229	384.361
23) L5 AR-1248-3	6.084	4.977	20353180	5322015	208.091	121.327 #
24) L5 AR-1248-4	6.496	5.149	25932479	10748721	285.463	210.553 #
25) L5 AR-1248-5	6.540	5.543	17247124	4913926	195.799	105.107 #
26) L6 AR-1254-1	6.470	5.502	56646584	37615658	518.311	509.724
27) L6 AR-1254-2	6.695	5.651	84538301	33345796	524.342	506.157
28) L6 AR-1254-3	7.072	6.055	83952208	51269272	535.762	507.302
29) L6 AR-1254-4	7.365	6.285	56999602	30693800	565.371	530.348
30) L6 AR-1254-5	7.795	6.703	63194924	45039790	563.162	512.310
31) L7 AR-1260-1	7.240	6.186	35403169	25794967	281.675	366.572 #
32) L7 AR-1260-2	7.503	6.374	36864094	21154341	273.604	253.457
33) L7 AR-1260-3	7.857	6.526	9154929	20180742	88.220	261.342 #
34) L7 AR-1260-4	8.092	7.001	24827369	2255150	222.062	35.192 #
35) L7 AR-1260-5	8.439	7.243	9046870	5339674	43.084	38.516
36) L8 AR-1262-1	7.857	6.792	9154929	1446427	61.638	36.741 #
37) L8 AR-1262-2	8.439	7.001	9046870	2255150	39.085	27.805 #
38) L8 AR-1262-3	8.783	7.528	7858861	224694	47.116	3.501 #
39) L8 AR-1262-4	8.832	7.589	2859388	5332170	39.220	46.938
40) L8 AR-1262-5	9.547	8.094	361510	179168	4.341	3.412
41) L9 AR-1268-1	8.783	7.528	7858861	224694	25.565	1.213 #

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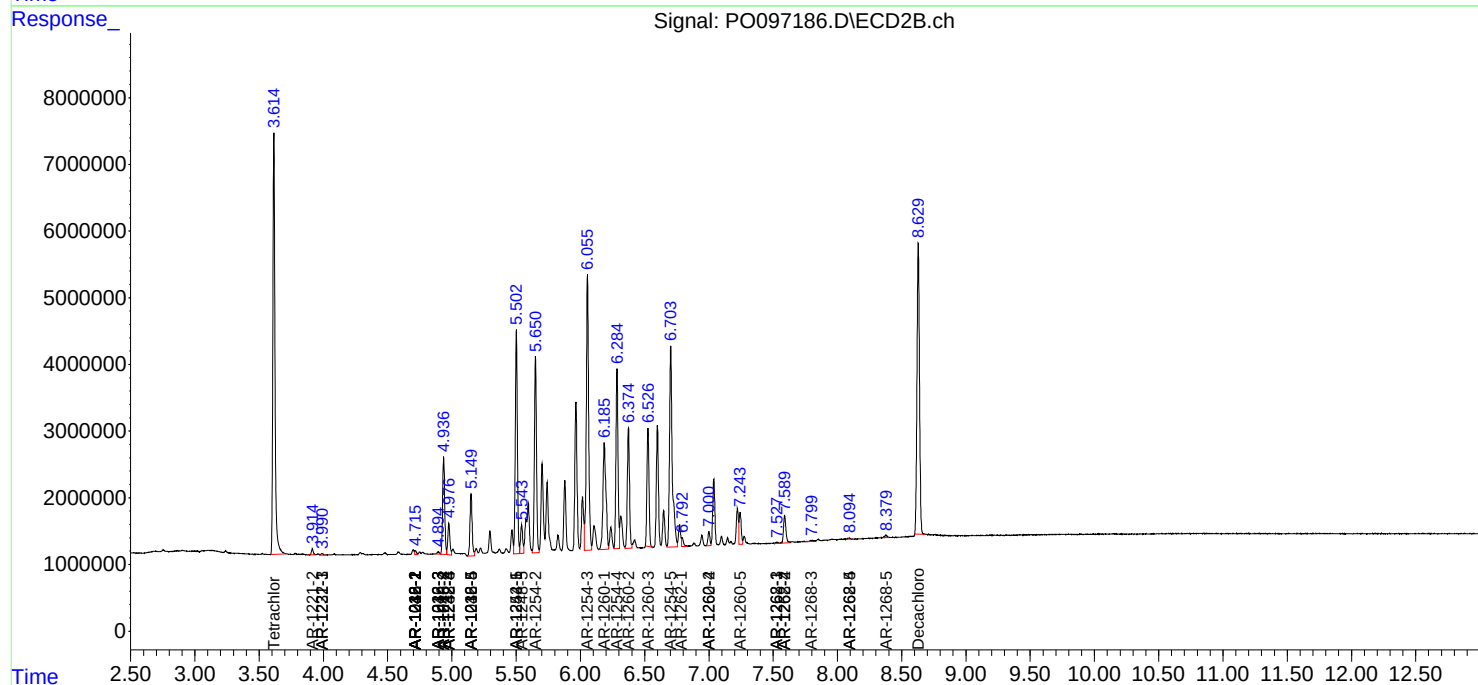
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

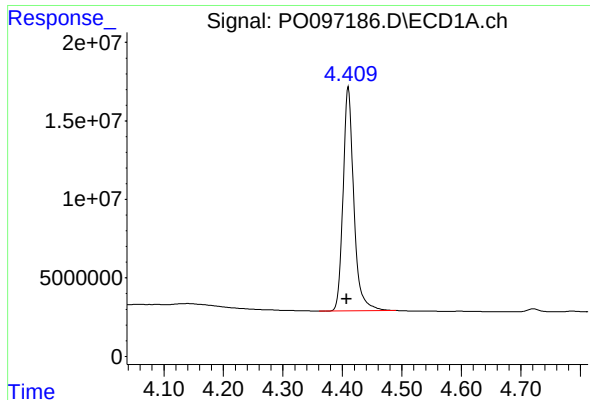
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.832	7.589	2859388	5332170	10.428	31.798 #
43) L9	AR-1268-3	9.100	7.799	536786	224538	2.102	1.554 #
44) L9	AR-1268-4	9.547	8.094	361510	179168	3.899	3.008
45) L9	AR-1268-5	9.996	8.379	774539	418916	0.959	1.007

(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

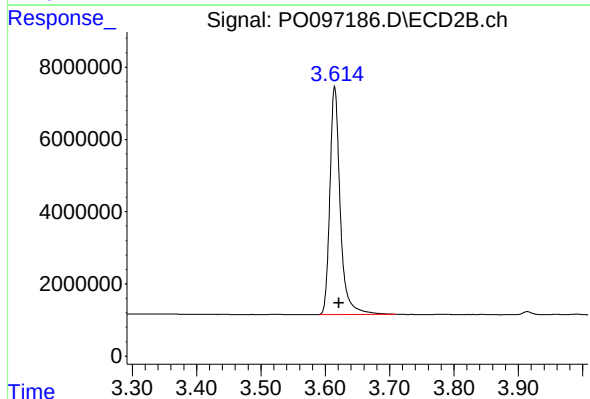




#1 Tetrachloro-m-xylene

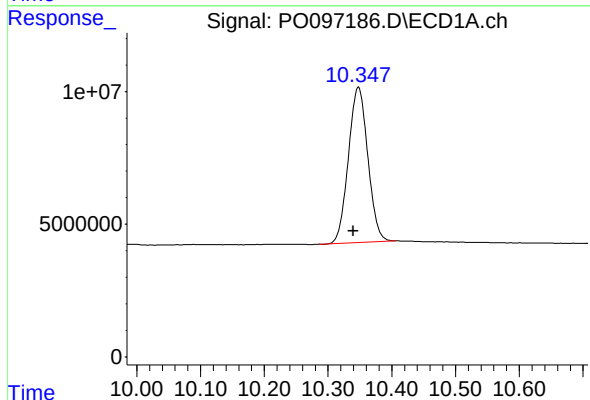
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 179256908
Conc: 54.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



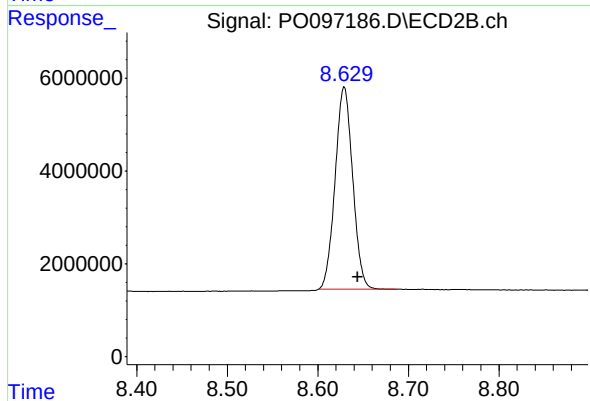
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 70439435
Conc: 53.21 ng/ml



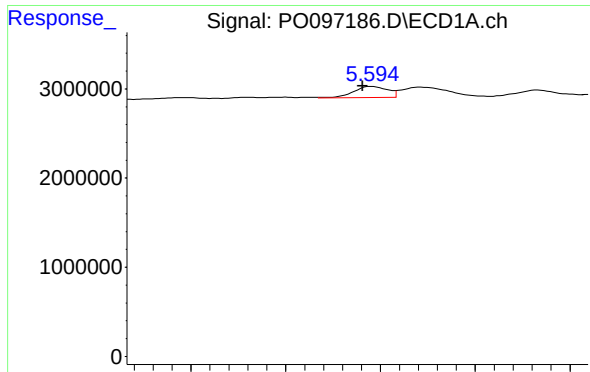
#2 Decachlorobiphenyl

R.T.: 10.348 min
Delta R.T.: 0.008 min
Response: 124008331
Conc: 56.67 ng/ml



#2 Decachlorobiphenyl

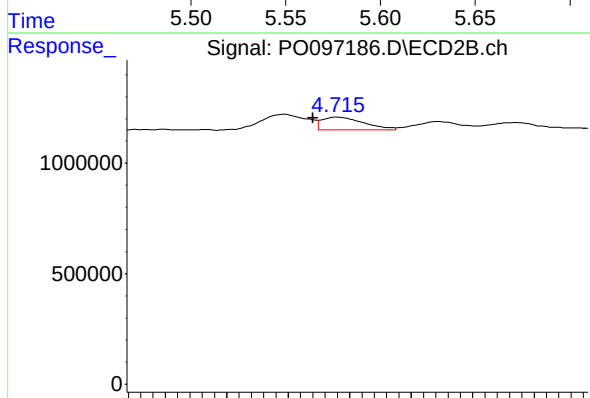
R.T.: 8.629 min
Delta R.T.: -0.015 min
Response: 58756720
Conc: 50.79 ng/ml



#3 AR-1016-1

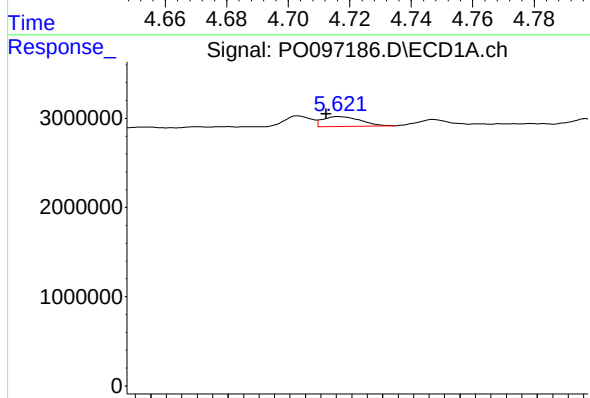
R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 1521634
Conc: 16.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



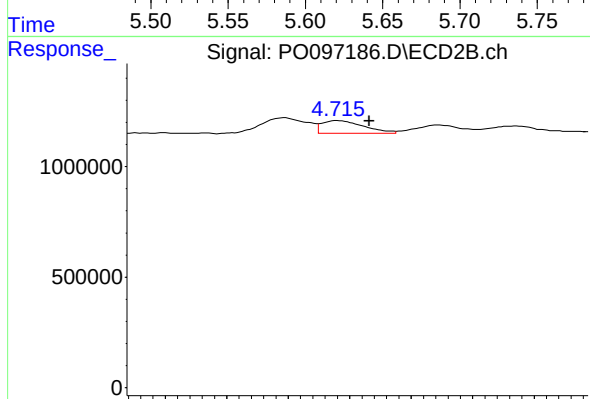
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 550172
Conc: 12.41 ng/ml



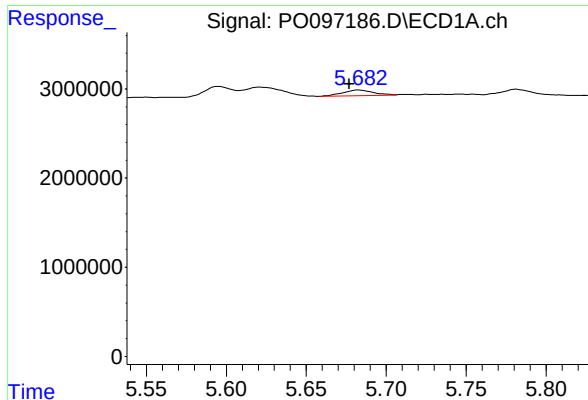
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 1864642
Conc: 13.94 ng/ml



#4 AR-1016-2

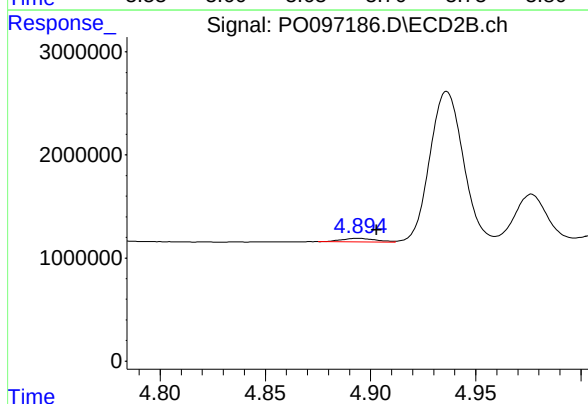
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 550172
Conc: 8.99 ng/ml



#5 AR-1016-3

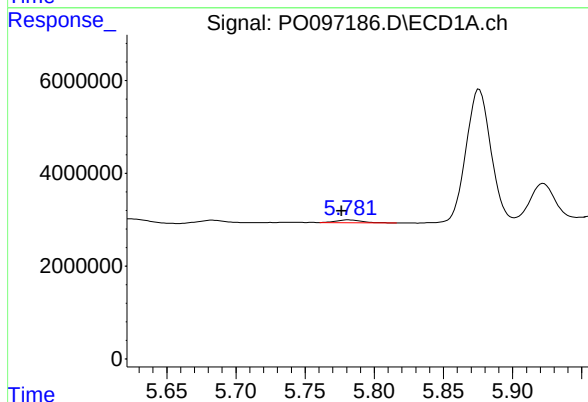
R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 848366
Conc: 9.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



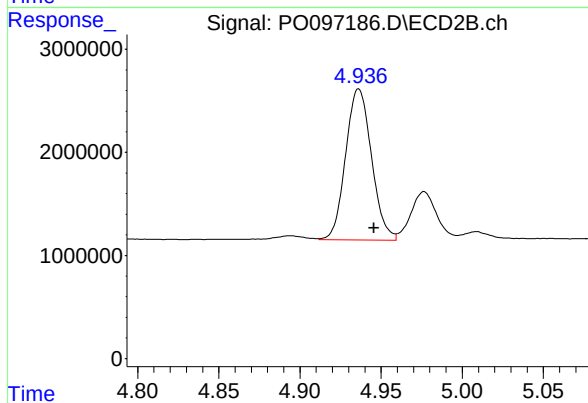
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 393778
Conc: 12.05 ng/ml



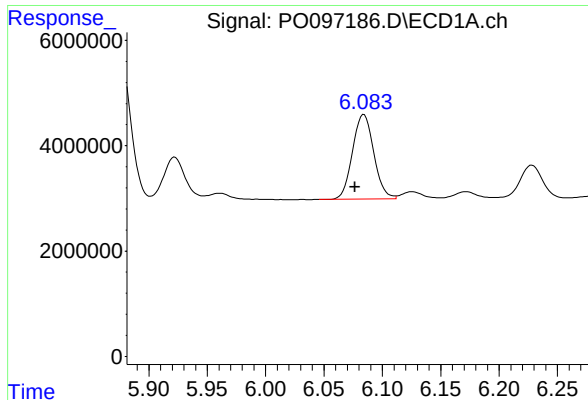
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 853451
Conc: 12.71 ng/ml



#6 AR-1016-4

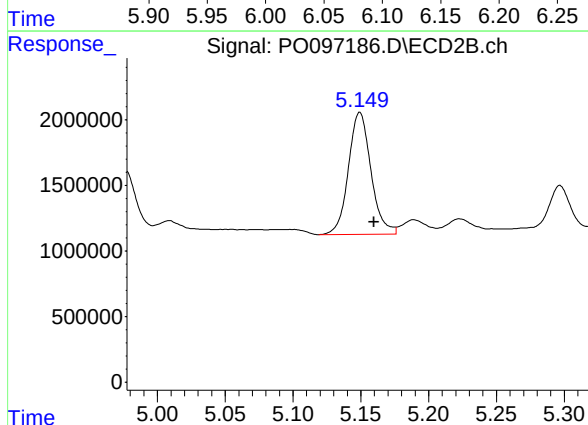
R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 16289590
Conc: 569.84 ng/ml



#7 AR-1016-5

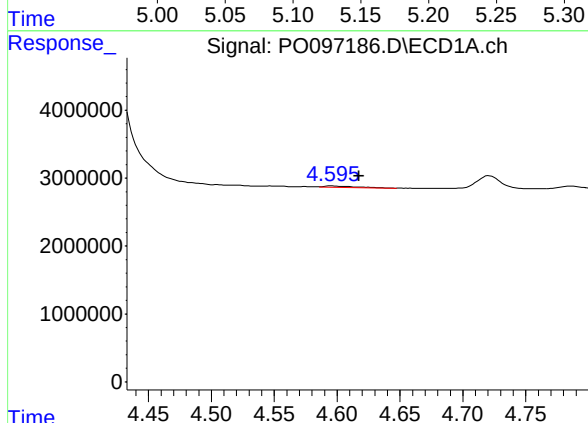
R.T.: 6.084 min
Delta R.T.: 0.008 min
Response: 20353180
Conc: 291.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



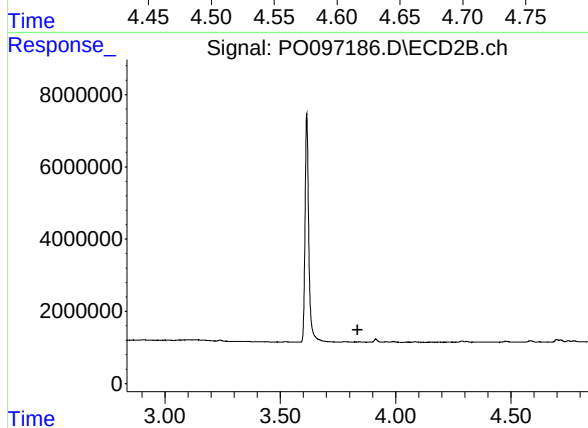
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 10748721
Conc: 279.58 ng/ml



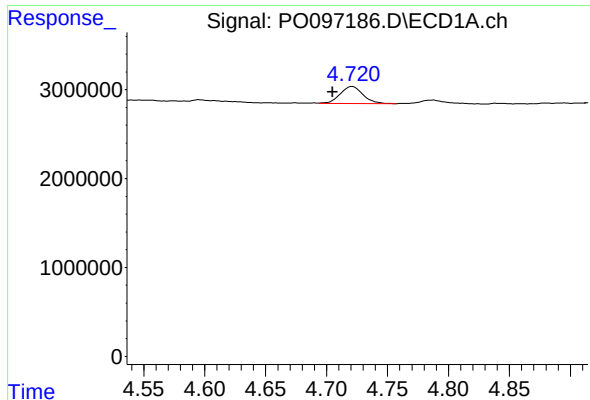
#8 AR-1221-1

R.T.: 4.595 min
Delta R.T.: -0.022 min
Response: 371112
Conc: 9.11 ng/ml



#8 AR-1221-1

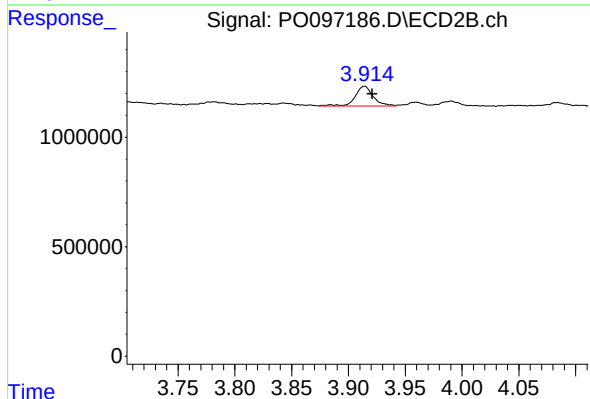
R.T.: 0.000 min
Exp R.T.: 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

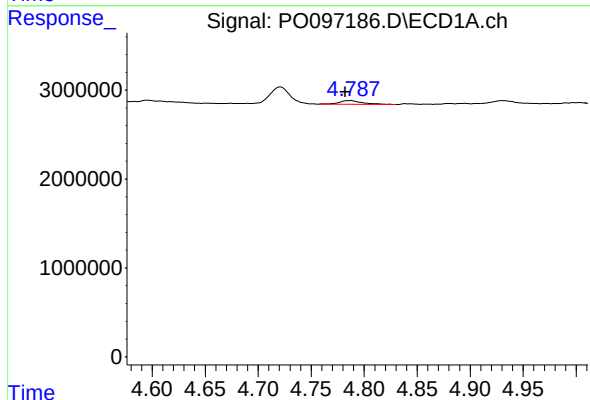
R.T.: 4.721 min
Delta R.T.: 0.016 min
Response: 2466890
Conc: 81.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



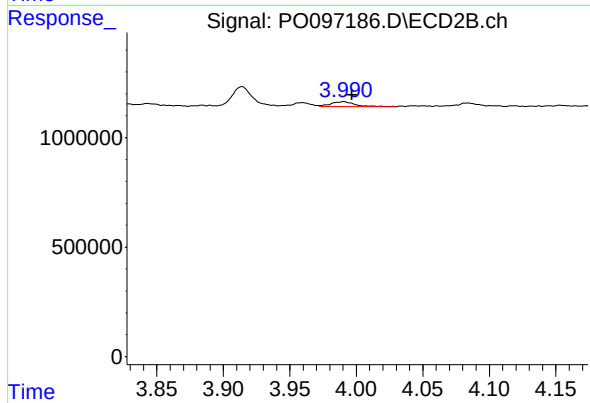
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.007 min
Response: 985768
Conc: 76.29 ng/ml



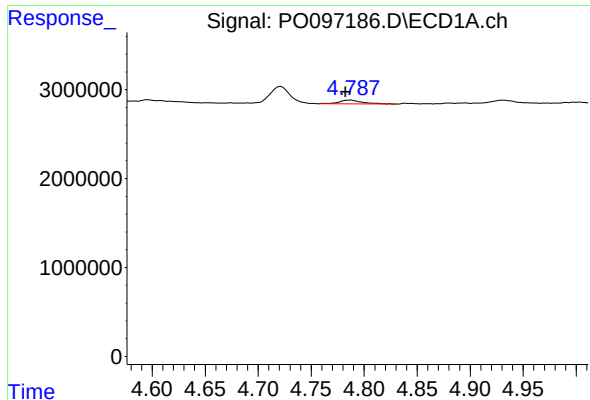
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 616273
Conc: 7.04 ng/ml



#10 AR-1221-3

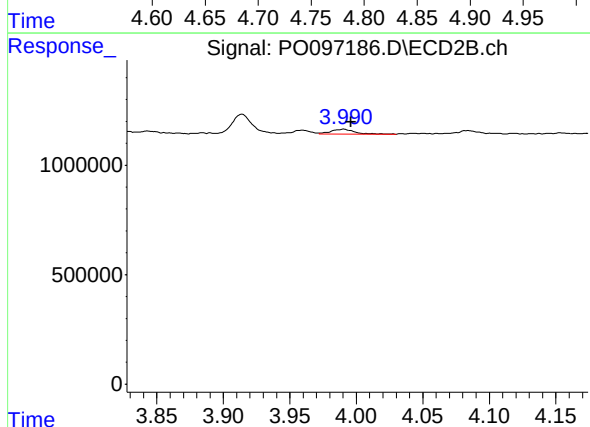
R.T.: 3.990 min
Delta R.T.: -0.006 min
Response: 285725
Conc: 7.20 ng/ml



#11 AR-1232-1

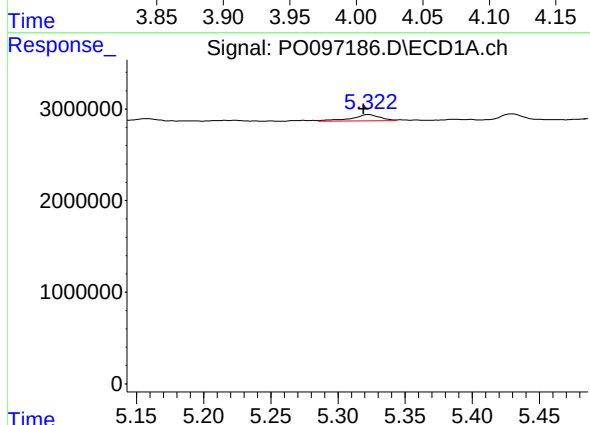
R.T.: 4.787 min
Delta R.T.: 0.004 min
Response: 616273
Conc: 8.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



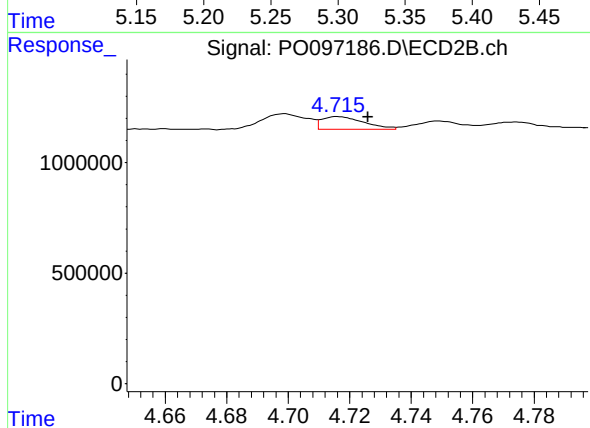
#11 AR-1232-1

R.T.: 3.990 min
Delta R.T.: -0.006 min
Response: 285725
Conc: 8.83 ng/ml



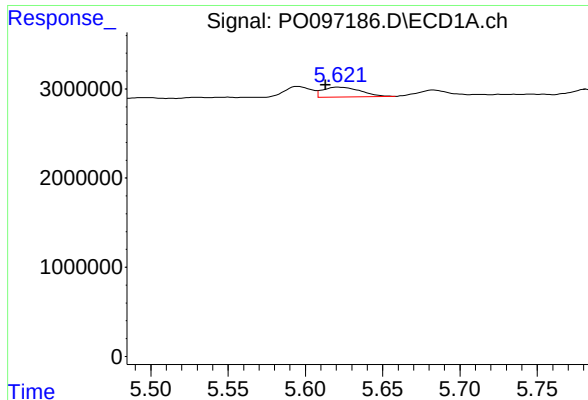
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 977679
Conc: 24.66 ng/ml



#12 AR-1232-2

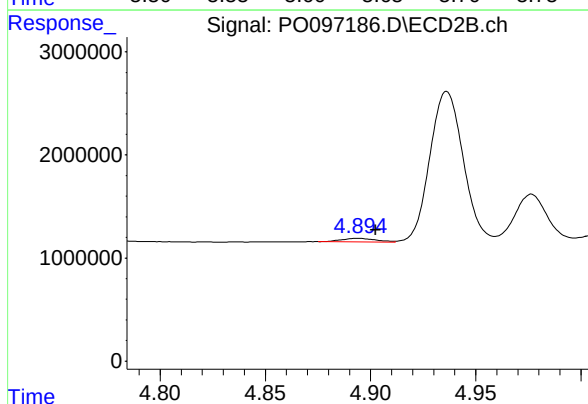
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 550172
Conc: 19.07 ng/ml



#13 AR-1232-3

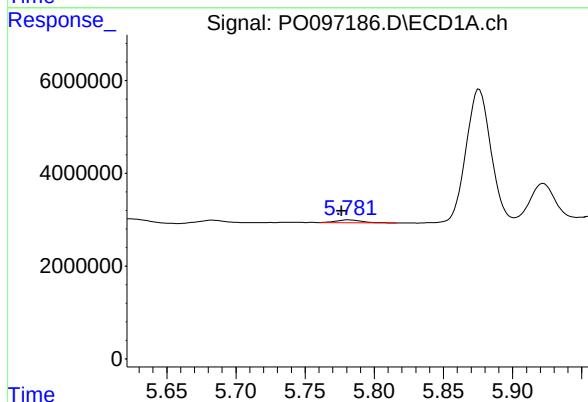
R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 1864642
Conc: 30.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



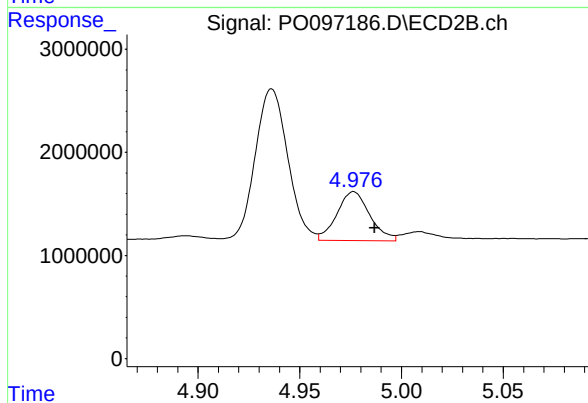
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 393778
Conc: 25.97 ng/ml



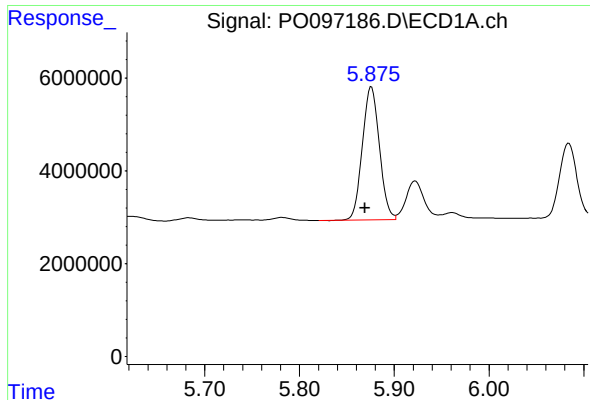
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 853451
Conc: 27.97 ng/ml



#14 AR-1232-4

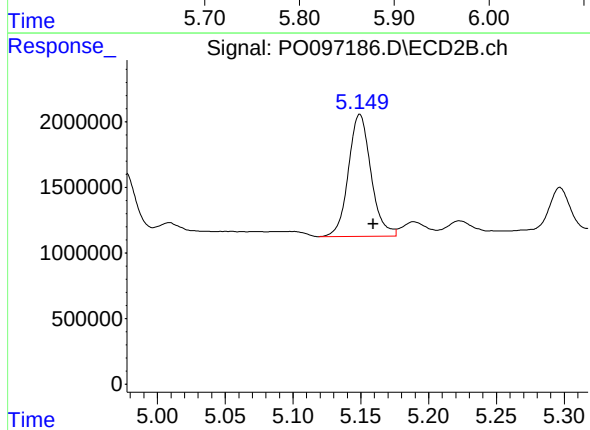
R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 5322015
Conc: 356.11 ng/ml



#15 AR-1232-5

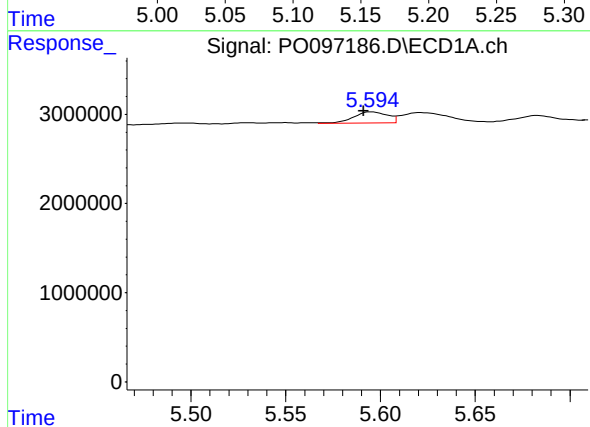
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 35748236
Conc: 1277.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



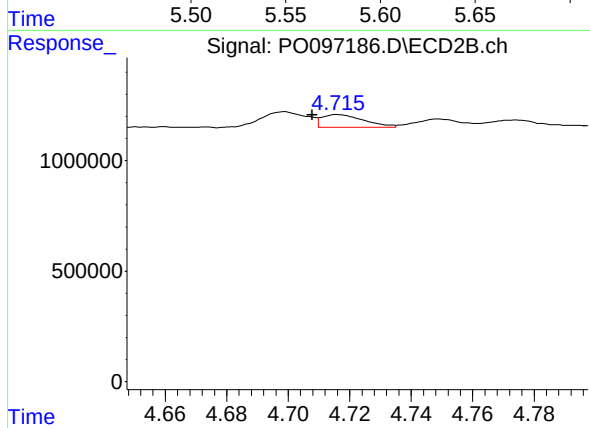
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 10748721
Conc: 657.54 ng/ml



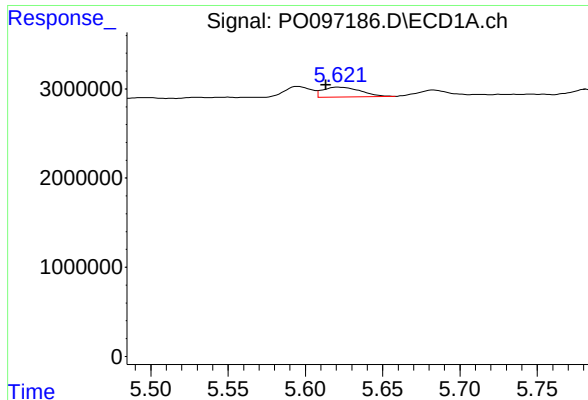
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1521634
Conc: 18.15 ng/ml



#16 AR-1242-1

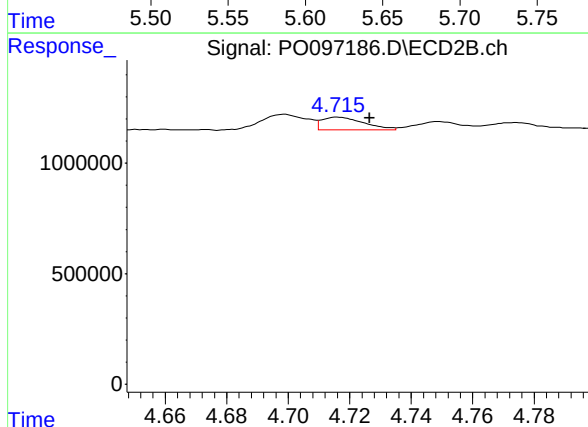
R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 550172
Conc: 13.95 ng/ml



#17 AR-1242-2

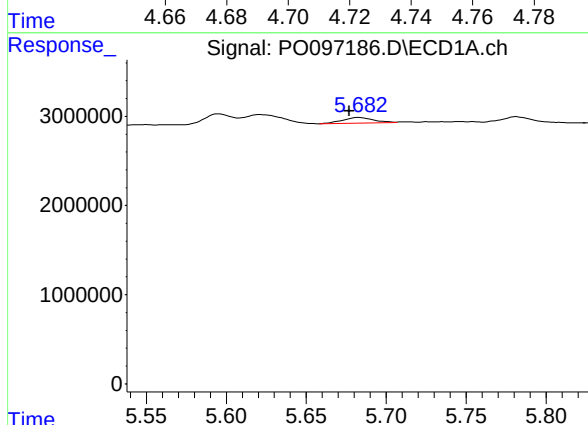
R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 1864642
Conc: 15.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



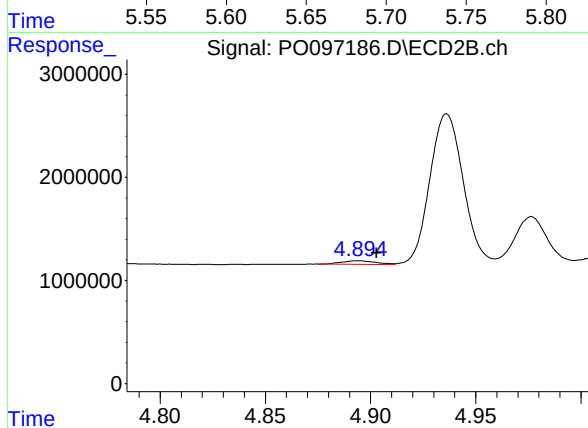
#17 AR-1242-2

R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 550172
Conc: 10.10 ng/ml



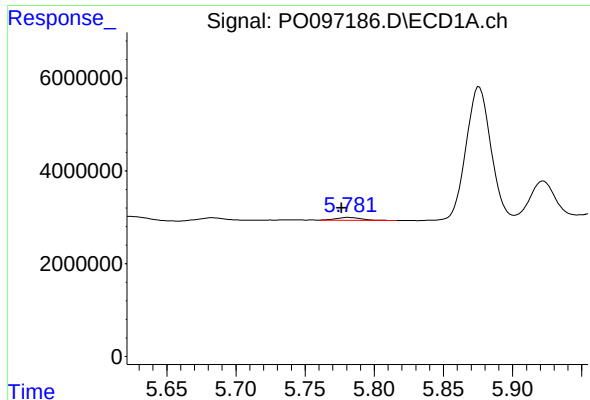
#18 AR-1242-3

R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 848366
Conc: 11.48 ng/ml



#18 AR-1242-3

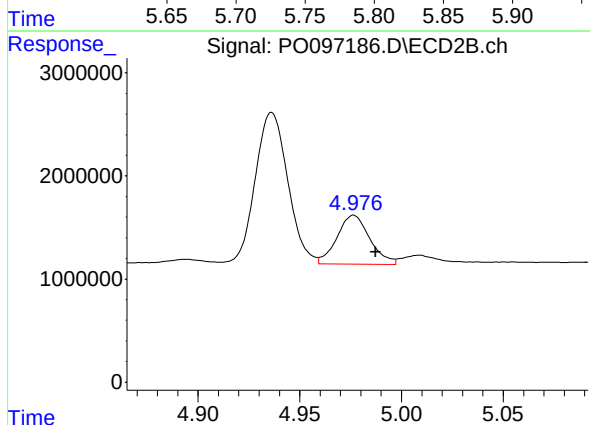
R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 393778
Conc: 13.32 ng/ml



#19 AR-1242-4

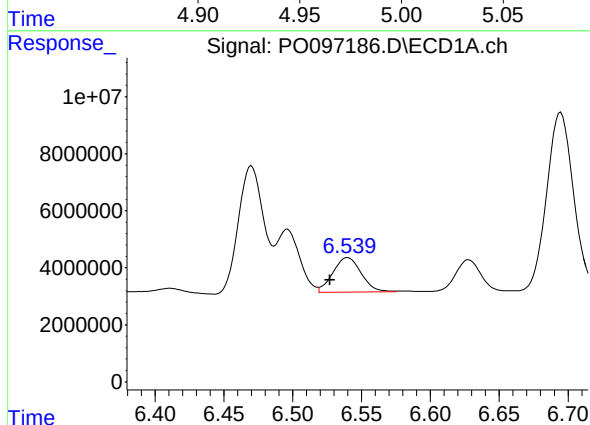
R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 853451
Conc: 14.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



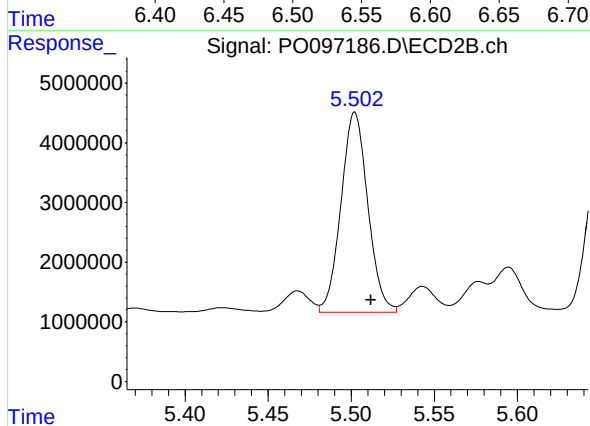
#19 AR-1242-4

R.T.: 4.977 min
Delta R.T.: -0.011 min
Response: 5322015
Conc: 168.88 ng/ml



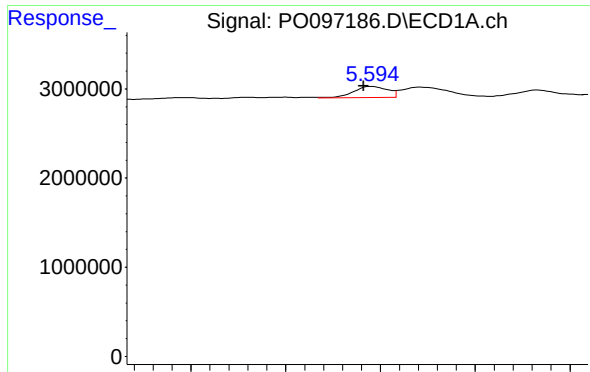
#20 AR-1242-5

R.T.: 6.540 min
Delta R.T.: 0.013 min
Response: 17247124
Conc: 313.47 ng/ml



#20 AR-1242-5

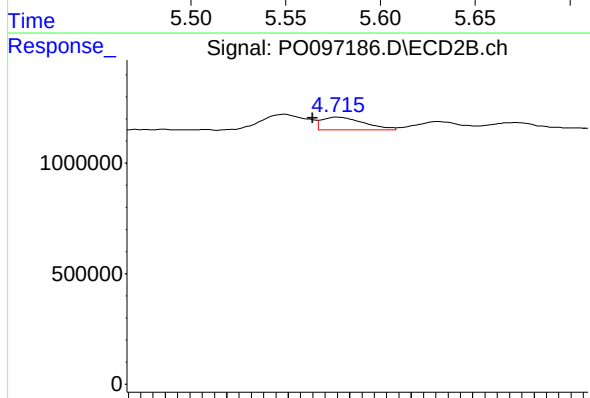
R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 37615658
Conc: 1032.37 ng/ml



#21 AR-1248-1

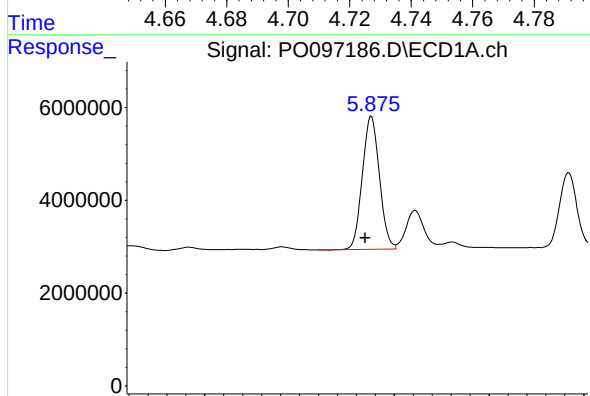
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1521634
Conc: 25.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



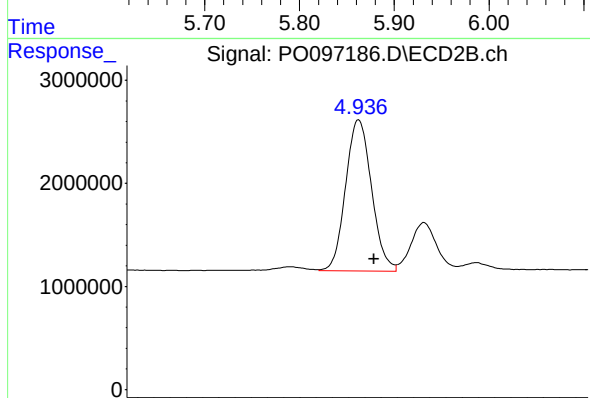
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 550172
Conc: 19.61 ng/ml



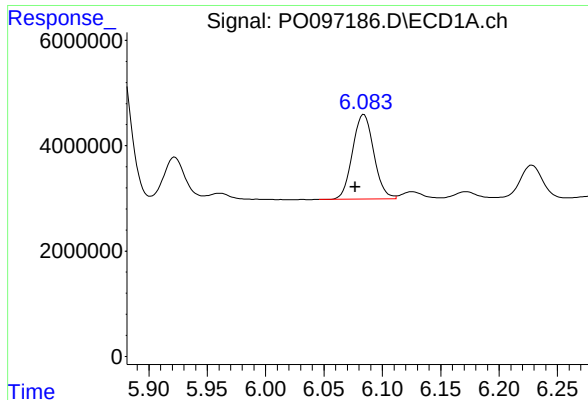
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 35748236
Conc: 380.23 ng/ml



#22 AR-1248-2

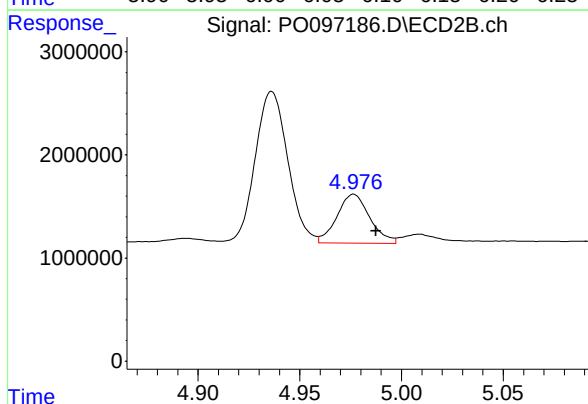
R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 16289590
Conc: 384.36 ng/ml



#23 AR-1248-3

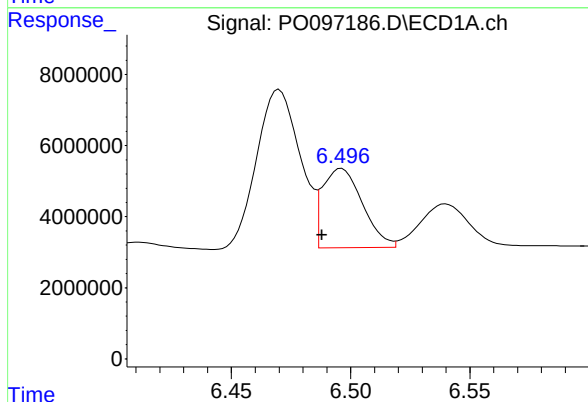
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 20353180
Conc: 208.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



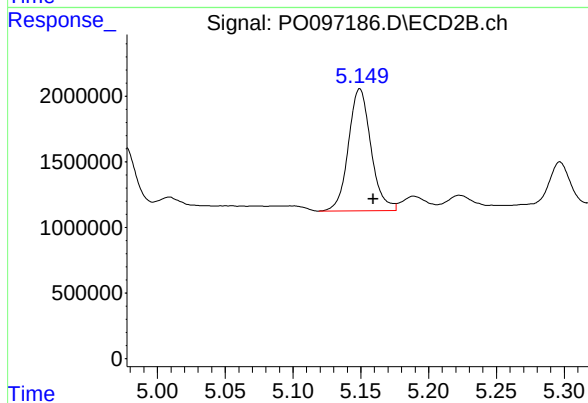
#23 AR-1248-3

R.T.: 4.977 min
Delta R.T.: -0.011 min
Response: 5322015
Conc: 121.33 ng/ml



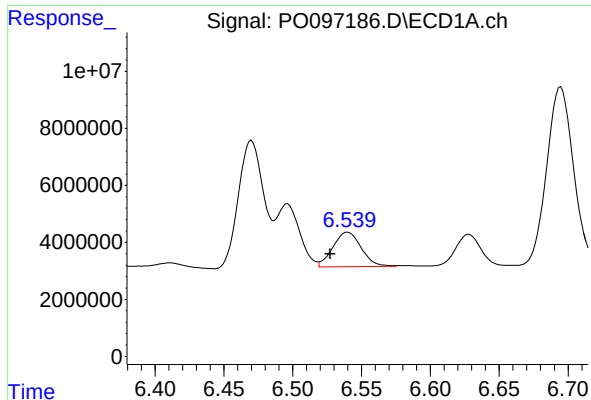
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.008 min
Response: 25932479
Conc: 285.46 ng/ml



#24 AR-1248-4

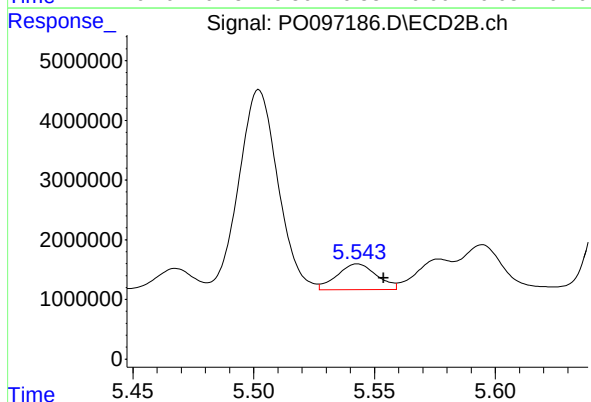
R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 10748721
Conc: 210.55 ng/ml



#25 AR-1248-5

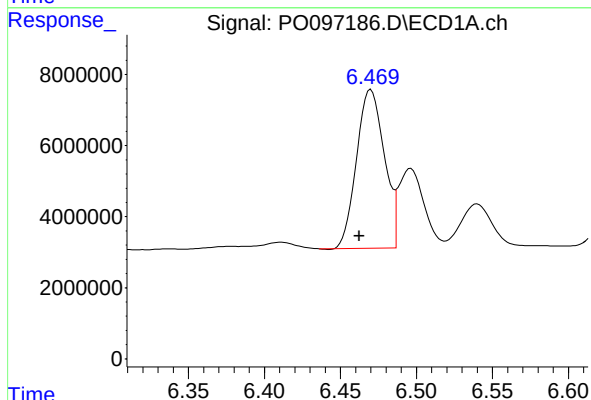
R.T.: 6.540 min
Delta R.T.: 0.013 min
Response: 17247124
Conc: 195.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



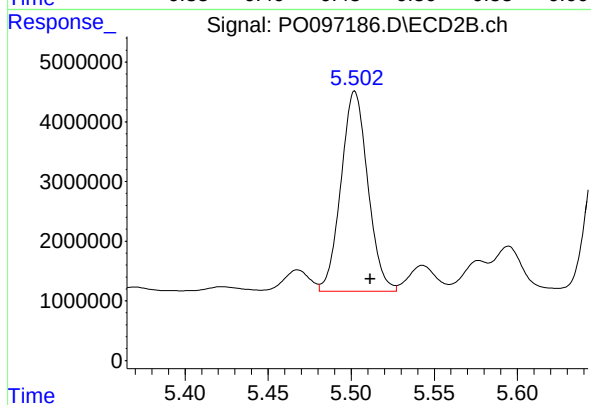
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: -0.011 min
Response: 4913926
Conc: 105.11 ng/ml



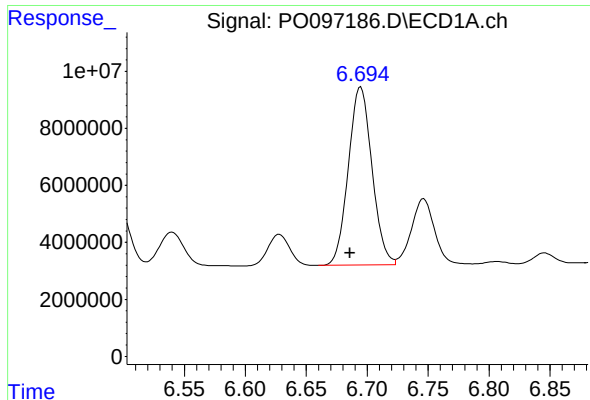
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.008 min
Response: 56646584
Conc: 518.31 ng/ml



#26 AR-1254-1

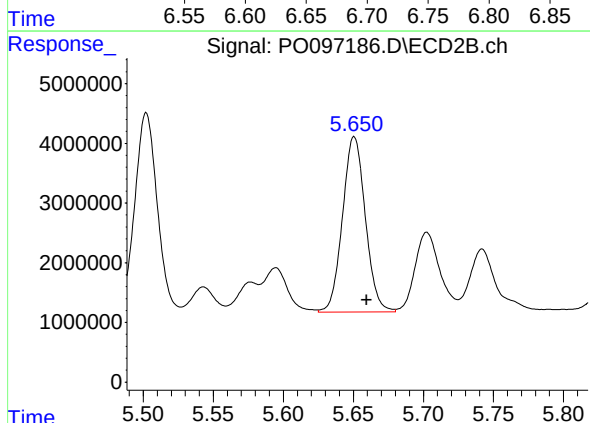
R.T.: 5.502 min
Delta R.T.: -0.009 min
Response: 37615658
Conc: 509.72 ng/ml



#27 AR-1254-2

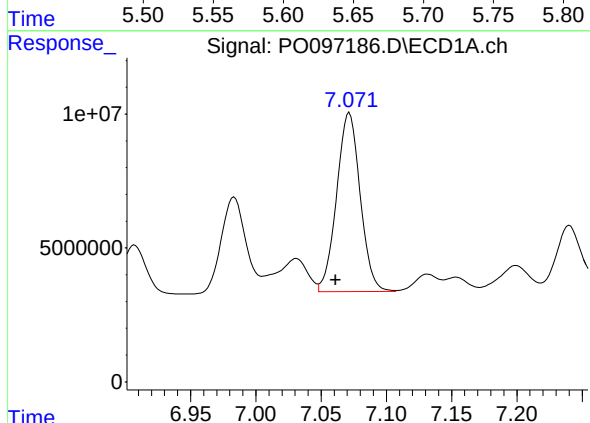
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 84538301
Conc: 524.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



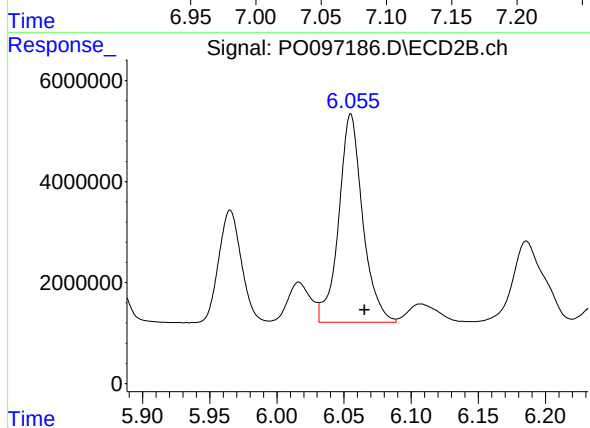
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: -0.009 min
Response: 33345796
Conc: 506.16 ng/ml



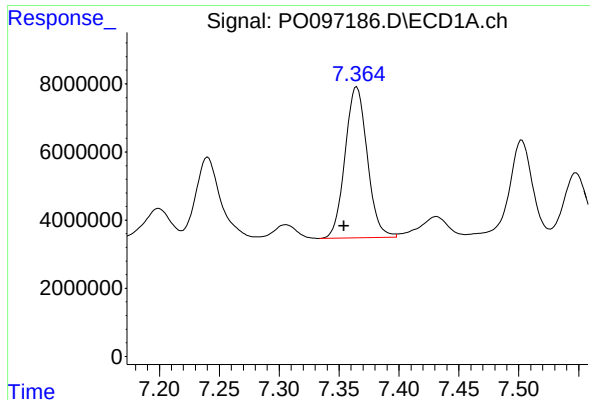
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.010 min
Response: 83952208
Conc: 535.76 ng/ml



#28 AR-1254-3

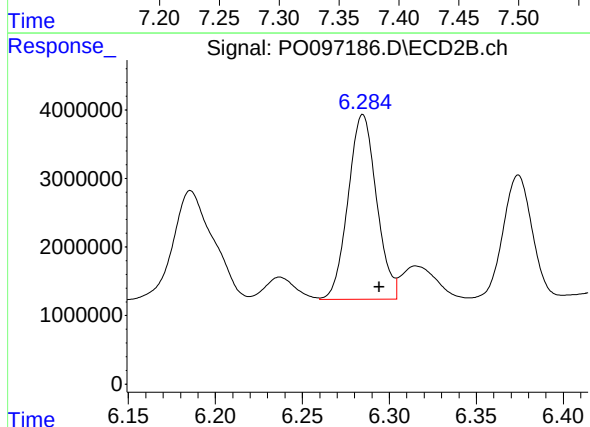
R.T.: 6.055 min
Delta R.T.: -0.010 min
Response: 51269272
Conc: 507.30 ng/ml



#29 AR-1254-4

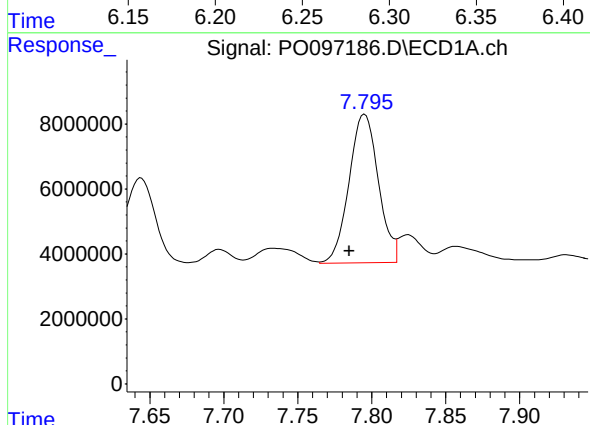
R.T.: 7.365 min
Delta R.T.: 0.011 min
Response: 56999602
Conc: 565.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



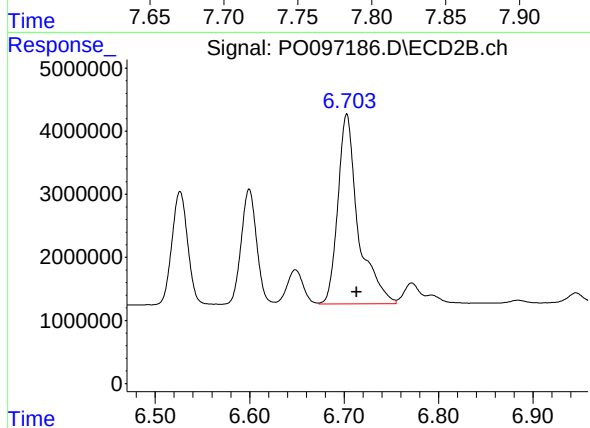
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: -0.009 min
Response: 30693800
Conc: 530.35 ng/ml



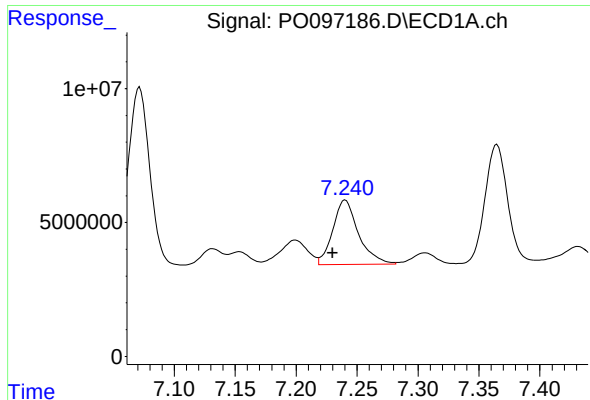
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 63194924
Conc: 563.16 ng/ml



#30 AR-1254-5

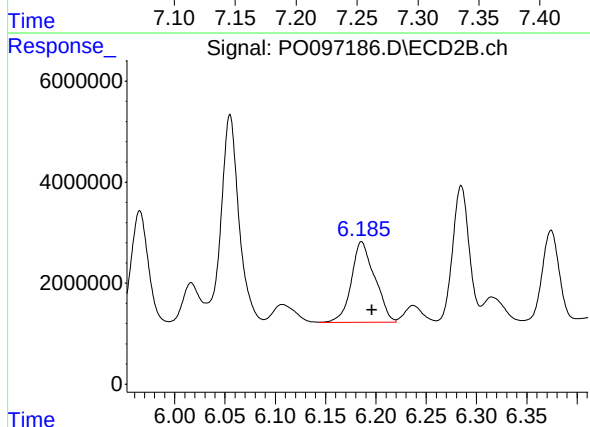
R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 45039790
Conc: 512.31 ng/ml



#31 AR-1260-1

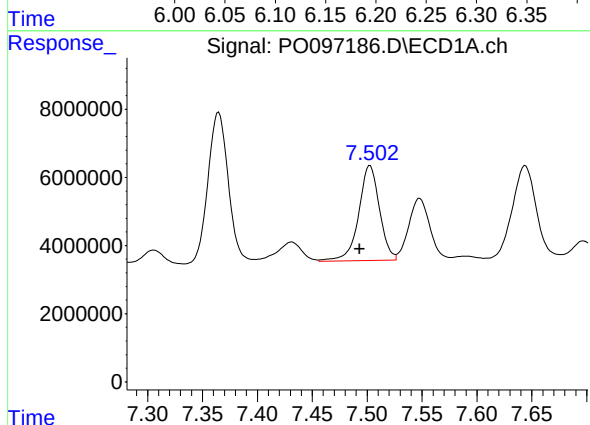
R.T.: 7.240 min
Delta R.T.: 0.011 min
Response: 35403169
Conc: 281.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



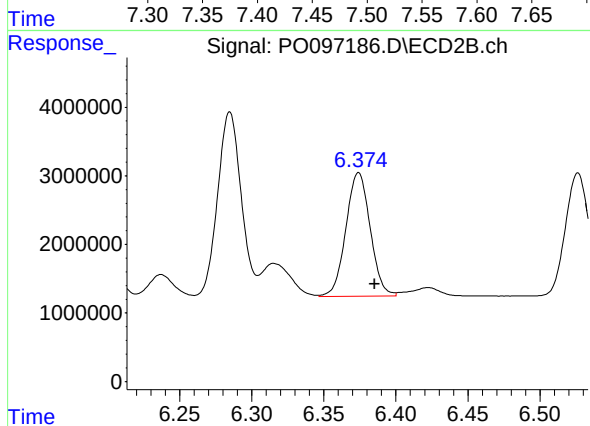
#31 AR-1260-1

R.T.: 6.186 min
Delta R.T.: -0.010 min
Response: 25794967
Conc: 366.57 ng/ml



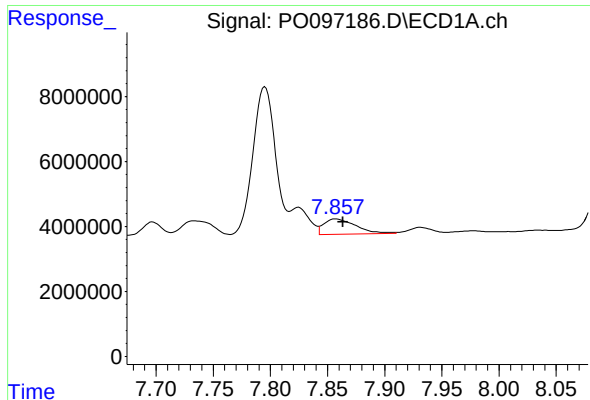
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 36864094
Conc: 273.60 ng/ml



#32 AR-1260-2

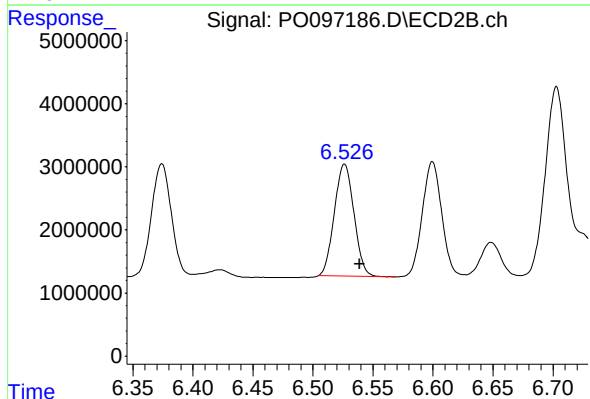
R.T.: 6.374 min
Delta R.T.: -0.011 min
Response: 21154341
Conc: 253.46 ng/ml



#33 AR-1260-3

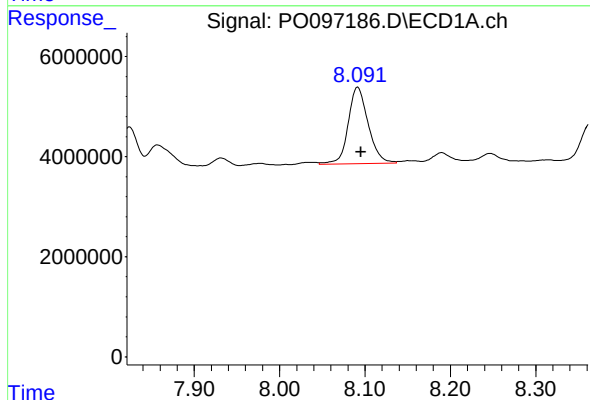
R.T.: 7.857 min
Delta R.T.: -0.006 min
Response: 9154929
Conc: 88.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



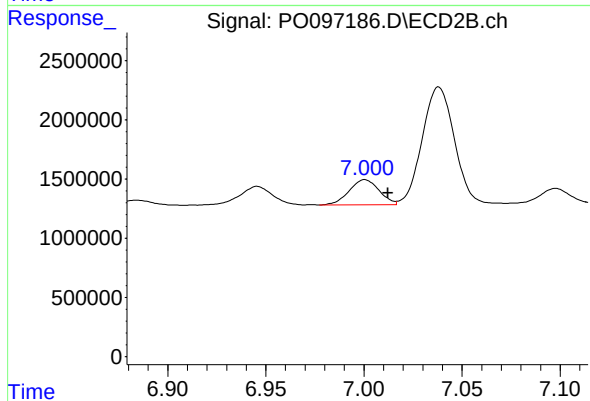
#33 AR-1260-3

R.T.: 6.526 min
Delta R.T.: -0.013 min
Response: 20180742
Conc: 261.34 ng/ml



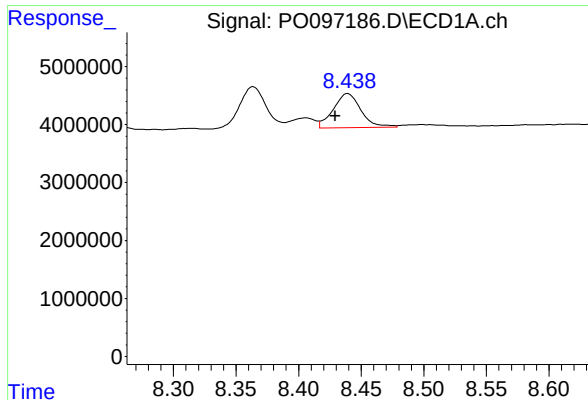
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 24827369
Conc: 222.06 ng/ml



#34 AR-1260-4

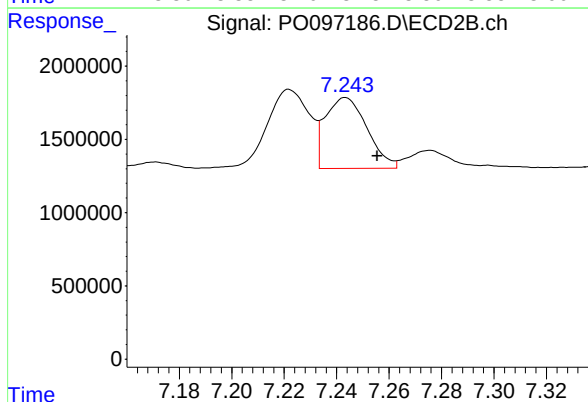
R.T.: 7.001 min
Delta R.T.: -0.012 min
Response: 2255150
Conc: 35.19 ng/ml



#35 AR-1260-5

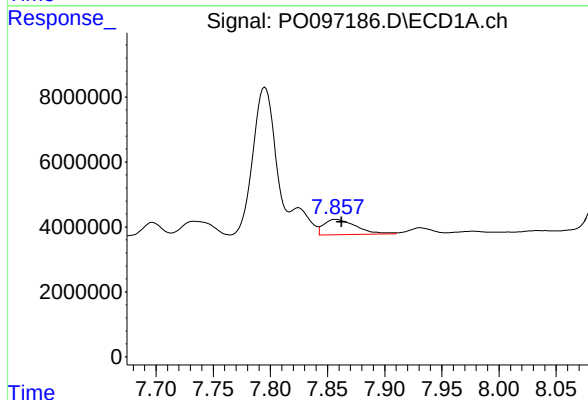
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 9046870
Conc: 43.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



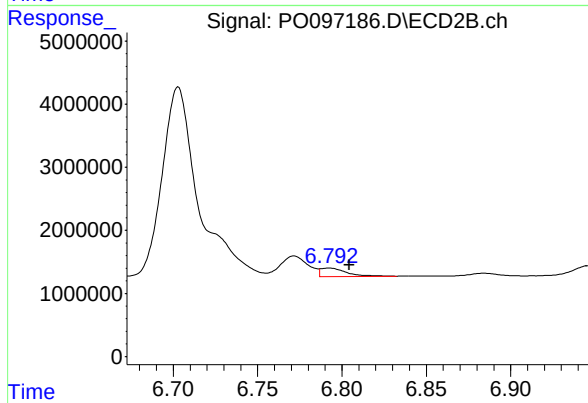
#35 AR-1260-5

R.T.: 7.243 min
Delta R.T.: -0.012 min
Response: 5339674
Conc: 38.52 ng/ml



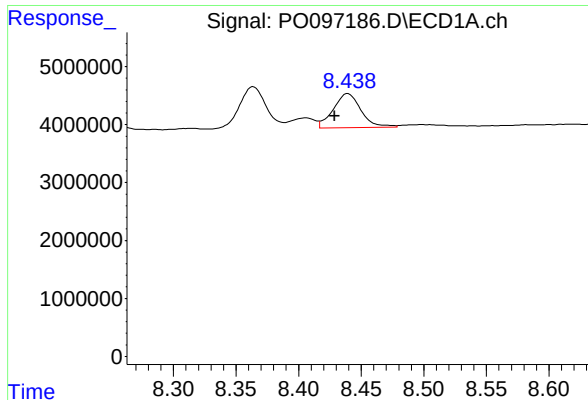
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: -0.005 min
Response: 9154929
Conc: 61.64 ng/ml



#36 AR-1262-1

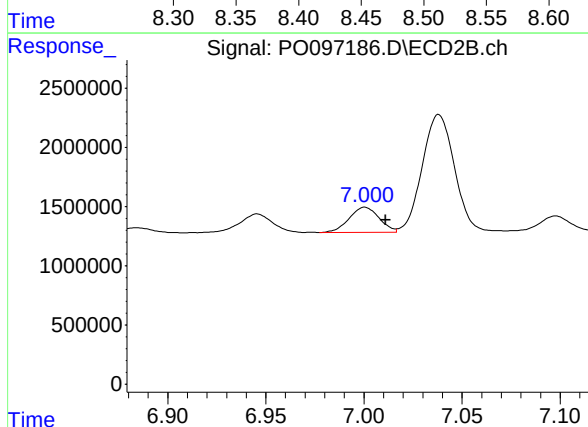
R.T.: 6.792 min
Delta R.T.: -0.012 min
Response: 1446427
Conc: 36.74 ng/ml



#37 AR-1262-2

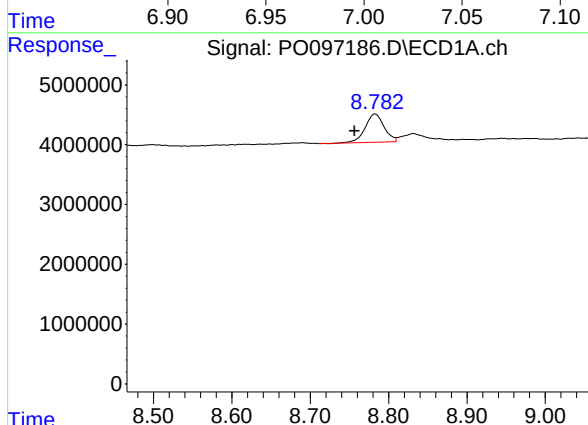
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 9046870
Conc: 39.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



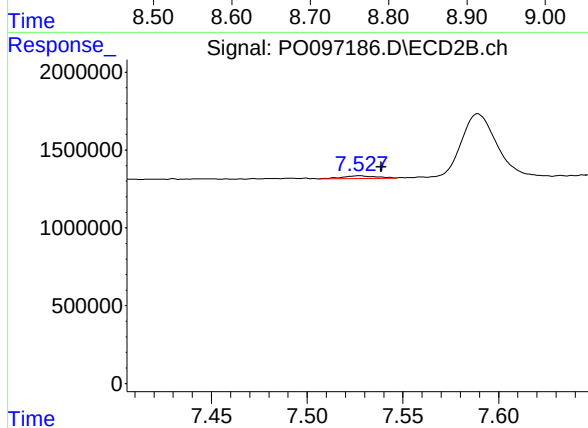
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: -0.011 min
Response: 2255150
Conc: 27.81 ng/ml



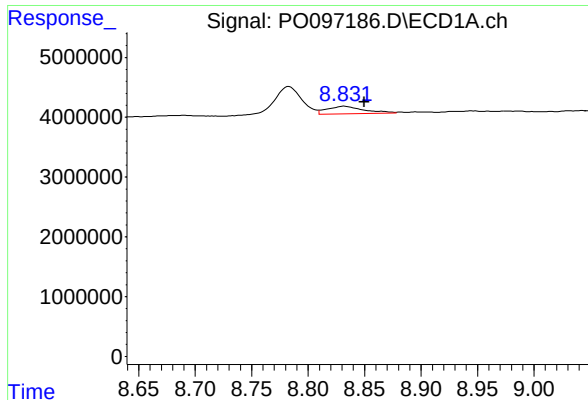
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.026 min
Response: 7858861
Conc: 47.12 ng/ml



#38 AR-1262-3

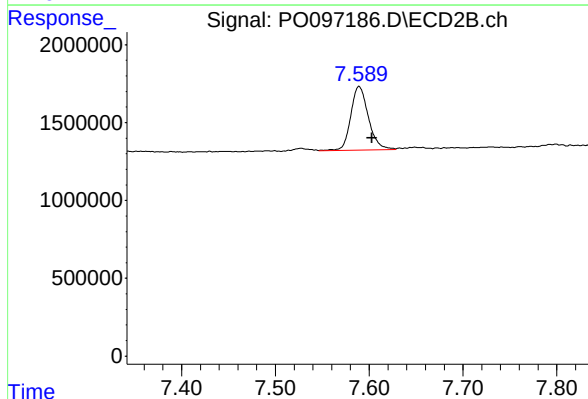
R.T.: 7.528 min
Delta R.T.: -0.011 min
Response: 224694
Conc: 3.50 ng/ml



#39 AR-1262-4

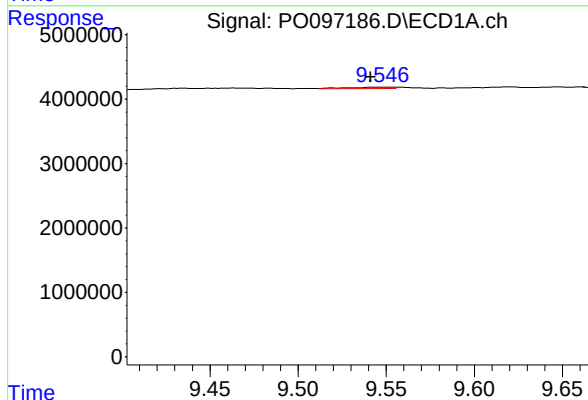
R.T.: 8.832 min
Delta R.T.: -0.018 min
Response: 2859388
Conc: 39.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



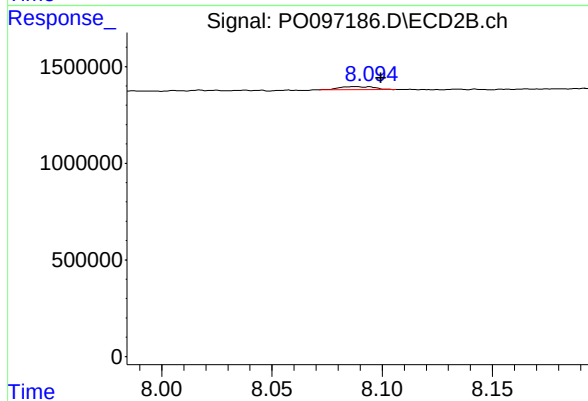
#39 AR-1262-4

R.T.: 7.589 min
Delta R.T.: -0.014 min
Response: 5332170
Conc: 46.94 ng/ml



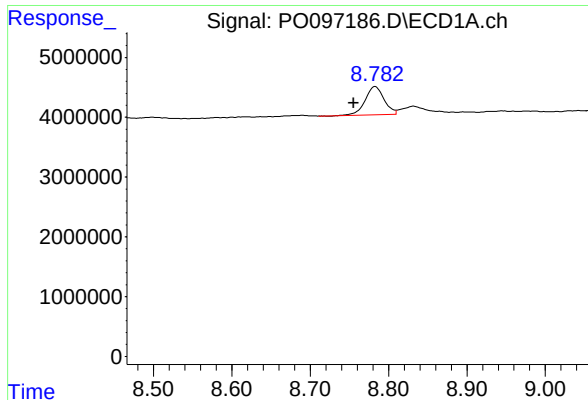
#40 AR-1262-5

R.T.: 9.547 min
Delta R.T.: 0.006 min
Response: 361510
Conc: 4.34 ng/ml



#40 AR-1262-5

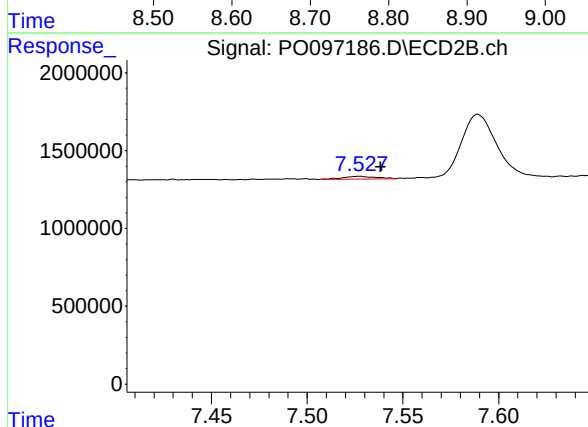
R.T.: 8.094 min
Delta R.T.: -0.005 min
Response: 179168
Conc: 3.41 ng/ml



#41 AR-1268-1

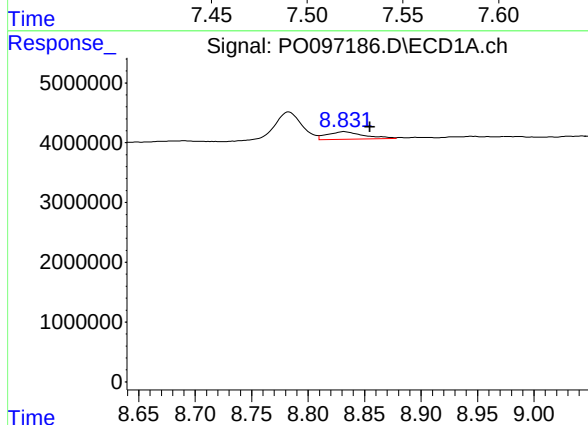
R.T.: 8.783 min
Delta R.T.: 0.027 min
Response: 7858861
Conc: 25.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



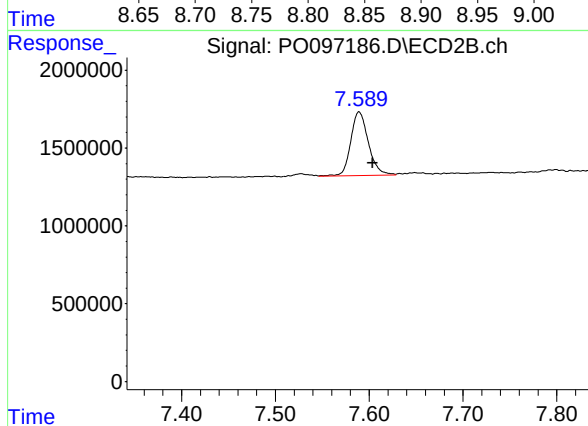
#41 AR-1268-1

R.T.: 7.528 min
Delta R.T.: -0.011 min
Response: 224694
Conc: 1.21 ng/ml



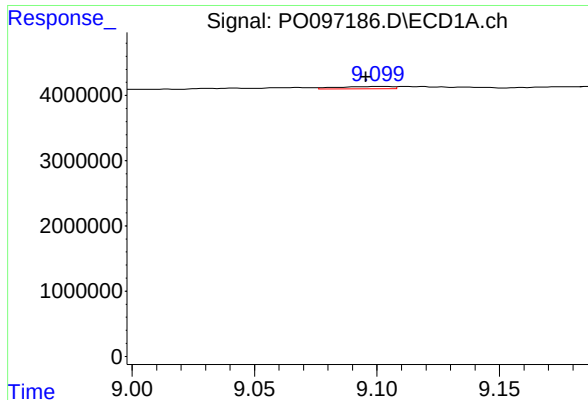
#42 AR-1268-2

R.T.: 8.832 min
Delta R.T.: -0.023 min
Response: 2859388
Conc: 10.43 ng/ml



#42 AR-1268-2

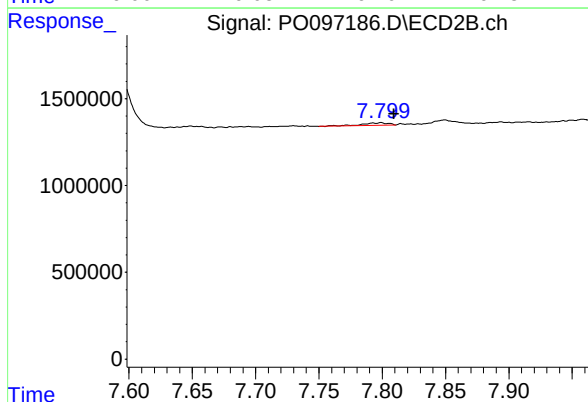
R.T.: 7.589 min
Delta R.T.: -0.014 min
Response: 5332170
Conc: 31.80 ng/ml



#43 AR-1268-3

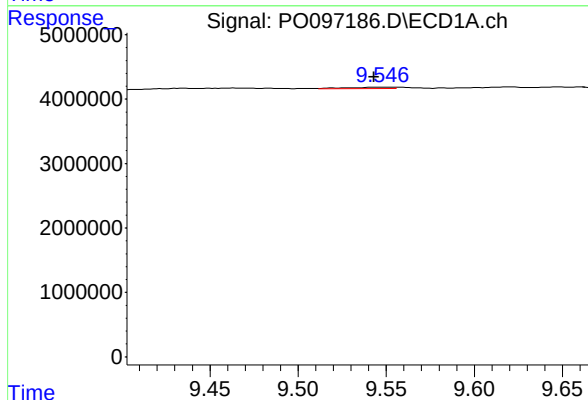
R.T.: 9.100 min
Delta R.T.: 0.005 min
Response: 536786
Conc: 2.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



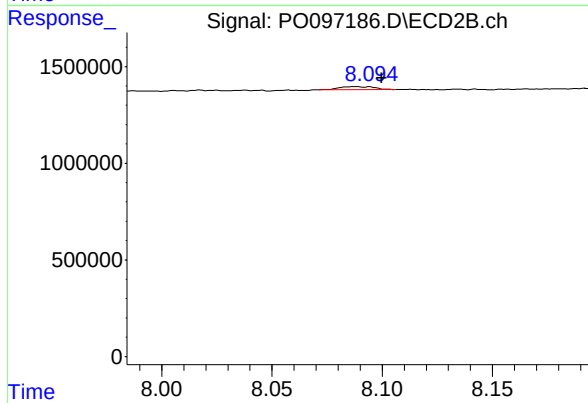
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 224538
Conc: 1.55 ng/ml



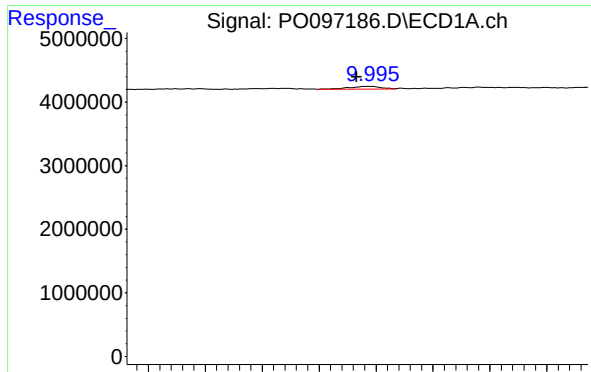
#44 AR-1268-4

R.T.: 9.547 min
Delta R.T.: 0.004 min
Response: 361510
Conc: 3.90 ng/ml



#44 AR-1268-4

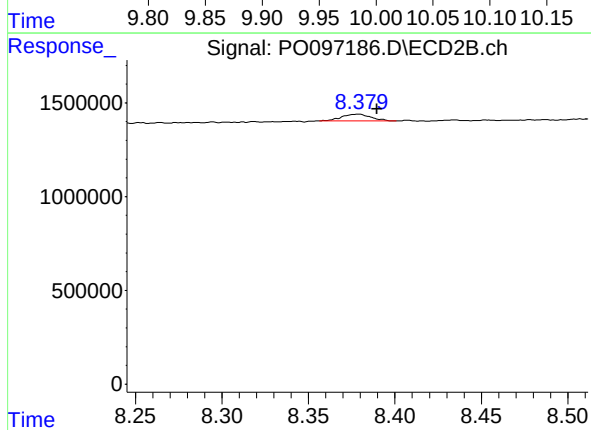
R.T.: 8.094 min
Delta R.T.: -0.006 min
Response: 179168
Conc: 3.01 ng/ml



#45 AR-1268-5

R.T.: 9.996 min
Delta R.T.: 0.013 min
Response: 774539
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: -0.011 min
Response: 418916
Conc: 1.01 ng/ml