

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 10:16
 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 17 01:13:38 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	165.2E6	66095601	49.907	49.929
2) SA Decachlor...	10.348	8.630	115.1E6	55516673	52.599	47.986
Target Compounds						
3) L1 AR-1016-1	5.596	4.717	1391010	544243	14.769	12.275
4) L1 AR-1016-2	5.621	4.717	1609707	544243	12.033	8.897 #
5) L1 AR-1016-3	5.682	4.894	782301	341702	8.990	10.460
6) L1 AR-1016-4	5.781	4.936	757050	15427514	11.271	539.680 #
7) L1 AR-1016-5	6.083	5.150	18594965	9241493	266.339	240.373
8) L2 AR-1221-1	4.626	0.000	78528	0	1.927	N.D. #
9) L2 AR-1221-2	4.720	3.914	2477128	843341	81.539	65.270
10) L2 AR-1221-3	4.785	3.988	559120	213880	6.388	5.388
11) L3 AR-1232-1	4.785	3.988	559120	213880	7.666	6.612
12) L3 AR-1232-2	5.323	4.717	1137418	544243	28.689	18.863 #
13) L3 AR-1232-3	5.621	4.894	1609707	341702	26.314	22.537
14) L3 AR-1232-4	5.781	4.977	757050	4646374	24.810	310.905 #
15) L3 AR-1232-5	5.875	5.150	33038436	9241493	1180.653	565.340 #
16) L4 AR-1242-1	5.596	4.717	1391010	544243	16.596	13.805
17) L4 AR-1242-2	5.621	4.717	1609707	544243	13.669	9.988 #
18) L4 AR-1242-3	5.682	4.894	782301	341702	10.590	11.556
19) L4 AR-1242-4	5.781	4.977	757050	4646374	12.717	147.439 #
20) L4 AR-1242-5	6.539	5.502	15381612	35081209	279.565	962.812 #
21) L5 AR-1248-1	5.596	4.717	1391010	544243	23.740	19.394
22) L5 AR-1248-2	5.875	4.936	33038436	15427514	351.407	364.020
23) L5 AR-1248-3	6.083	4.977	18594965	4646374	190.115	105.924 #
24) L5 AR-1248-4	6.496	5.150	23765388	9241493	261.608	181.029 #
25) L5 AR-1248-5	6.539	5.543	15381612	4358835	174.620	93.233 #
26) L6 AR-1254-1	6.470	5.502	52391000	35081209	479.373	475.380
27) L6 AR-1254-2	6.694	5.651	77669068	31290214	481.736	474.956
28) L6 AR-1254-3	7.071	6.055	77320241	48274547	493.438	477.670
29) L6 AR-1254-4	7.364	6.285	52610445	29152192	521.835	503.711
30) L6 AR-1254-5	7.794	6.704	57446911	42009539	511.939	477.842
31) L7 AR-1260-1	7.239	6.185	33155695	24430562	263.794	347.183 #
32) L7 AR-1260-2	7.503	6.375	33679502	19777643	249.968	236.963
33) L7 AR-1260-3	7.857	6.526	8256609	18803980	79.563	243.513 #
34) L7 AR-1260-4	8.091	7.001	23243736	2050330	207.898	31.995 #
35) L7 AR-1260-5	8.438	7.244	8295260	4954092	39.505	35.735
36) L8 AR-1262-1	7.857	6.793	8256609	1265016	55.590	32.133 #
37) L8 AR-1262-2	8.438	7.001	8295260	2050330	35.838	25.280 #
38) L8 AR-1262-3	8.736	7.528	11190	359143	0.067	5.596 #
39) L8 AR-1262-4	8.833	7.590	2157500	4755681	29.592	41.863 #
40) L8 AR-1262-5	9.552	8.092	476826	148960	5.726	2.836 #
41) L9 AR-1268-1	8.736	7.528	11190	359143	0.036	1.938 #

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Integration File signal 1: autoint1.e
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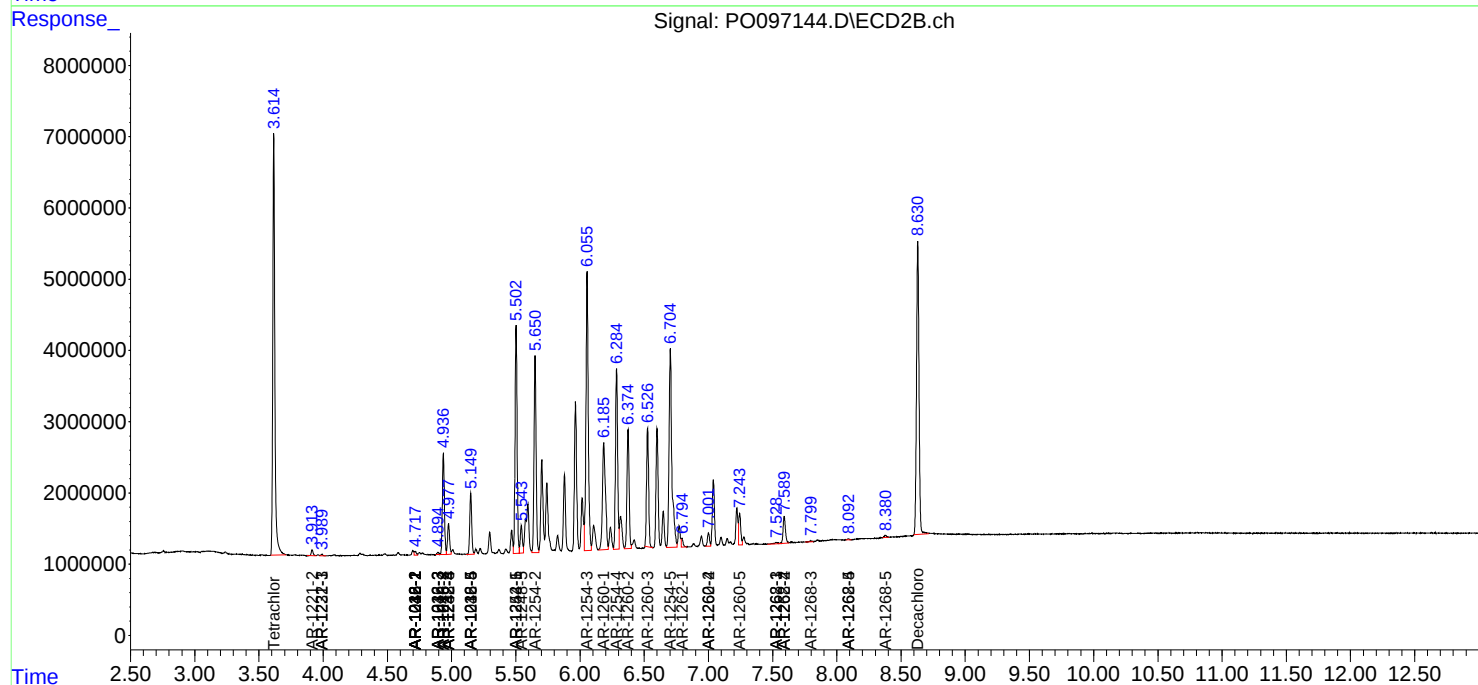
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

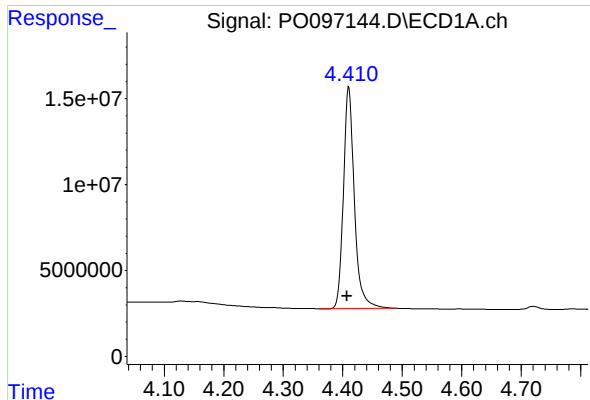
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.874	7.590	108637	4755681	0.396	28.360 #
43) L9	AR-1268-3	9.102	7.799	498832	194960	1.953	1.349 #
44) L9	AR-1268-4	9.552	8.092	476826	148960	5.143	2.500 #
45) L9	AR-1268-5	9.993	8.379	951361	418994	1.178	1.007

(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

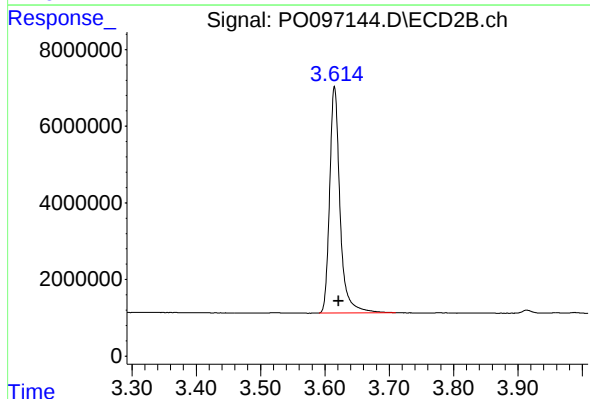




#1 Tetrachloro-m-xylene

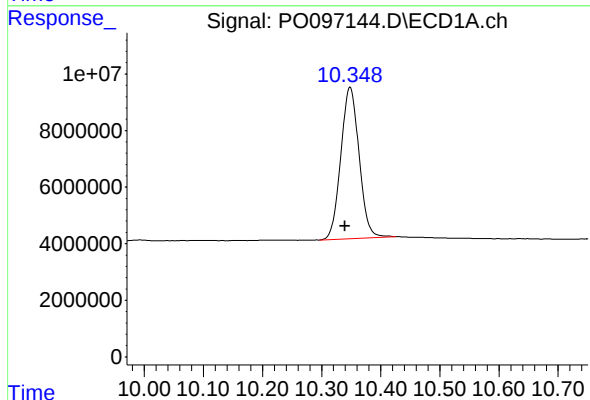
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 165202781
Conc: 49.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



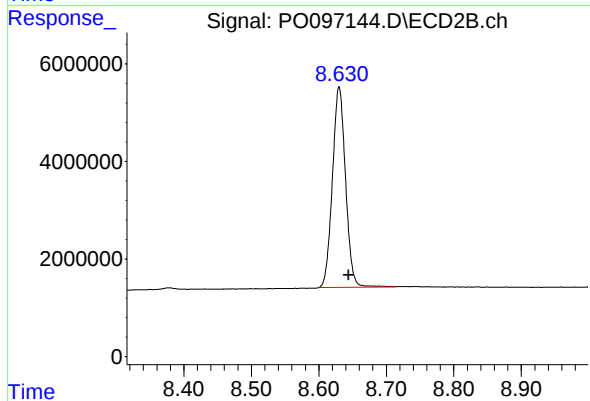
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 66095601
Conc: 49.93 ng/ml



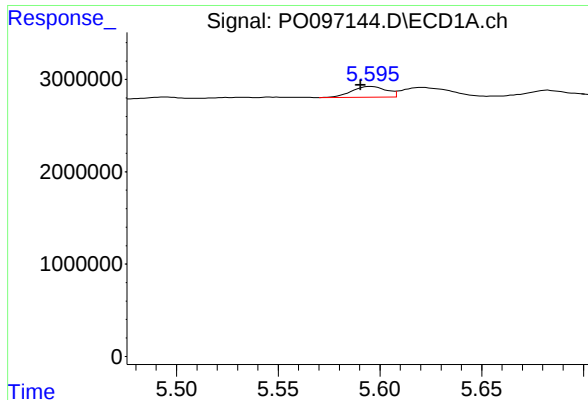
#2 Decachlorobiphenyl

R.T.: 10.348 min
Delta R.T.: 0.009 min
Response: 115096742
Conc: 52.60 ng/ml



#2 Decachlorobiphenyl

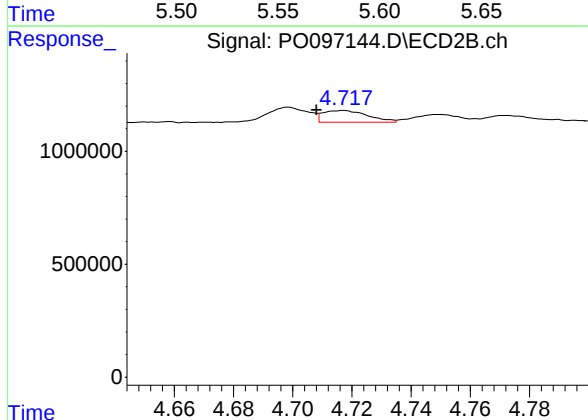
R.T.: 8.630 min
Delta R.T.: -0.014 min
Response: 55516673
Conc: 47.99 ng/ml



#3 AR-1016-1

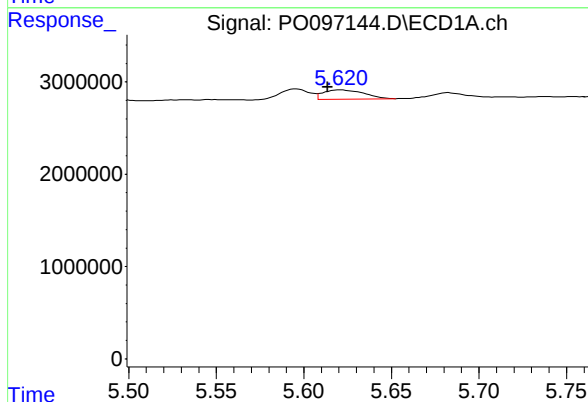
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 1391010
Conc: 14.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



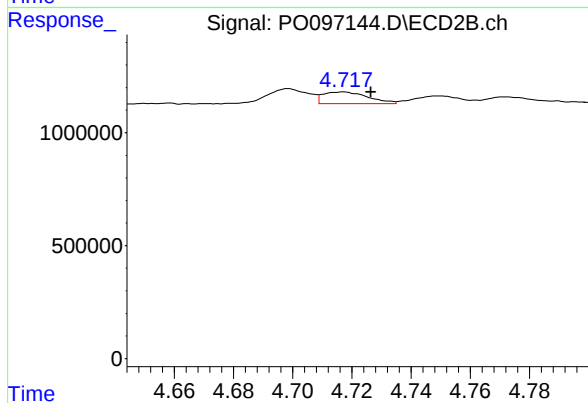
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 544243
Conc: 12.28 ng/ml



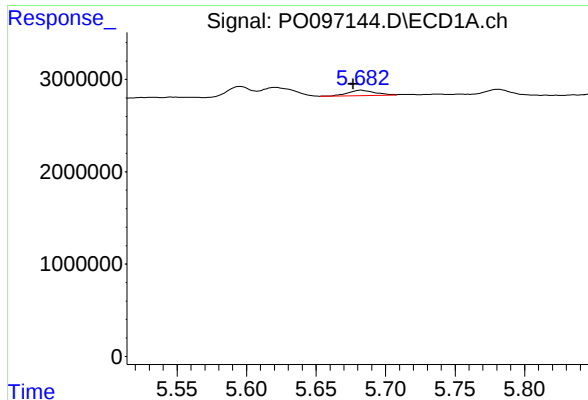
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 1609707
Conc: 12.03 ng/ml



#4 AR-1016-2

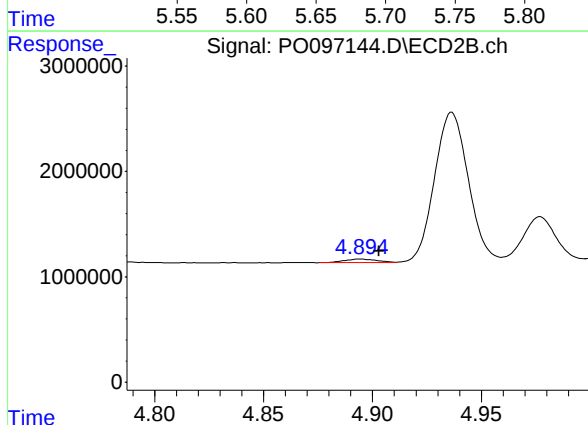
R.T.: 4.717 min
Delta R.T.: -0.009 min
Response: 544243
Conc: 8.90 ng/ml



#5 AR-1016-3

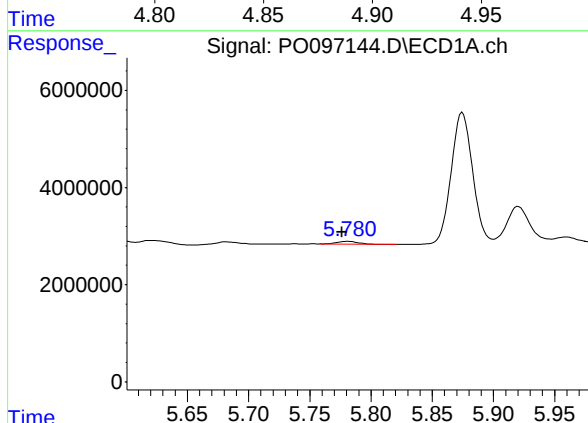
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 782301
Conc: 8.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



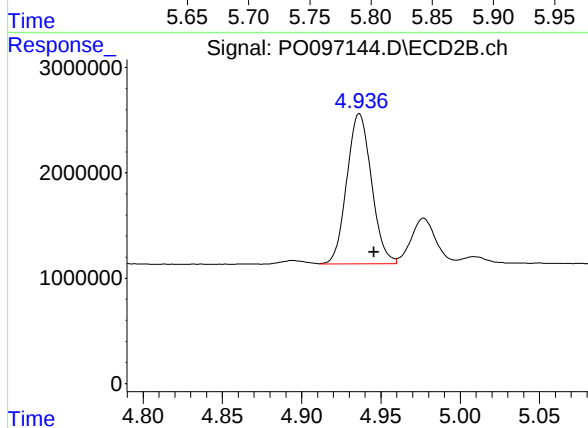
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 341702
Conc: 10.46 ng/ml



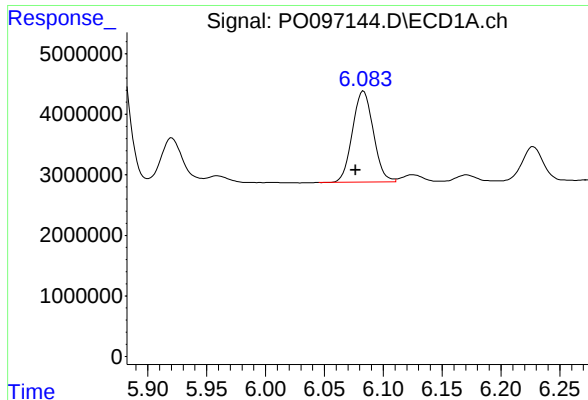
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 757050
Conc: 11.27 ng/ml



#6 AR-1016-4

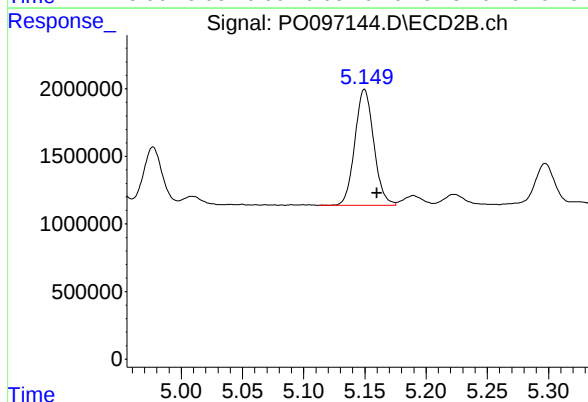
R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 15427514
Conc: 539.68 ng/ml



#7 AR-1016-5

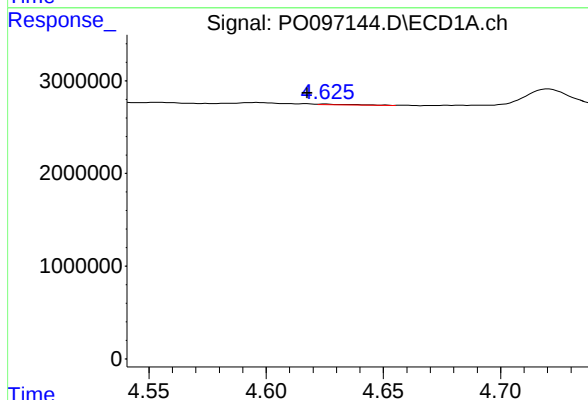
R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 18594965
Conc: 266.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



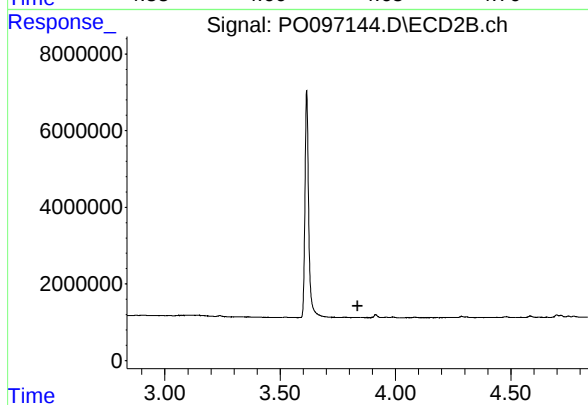
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.010 min
Response: 9241493
Conc: 240.37 ng/ml



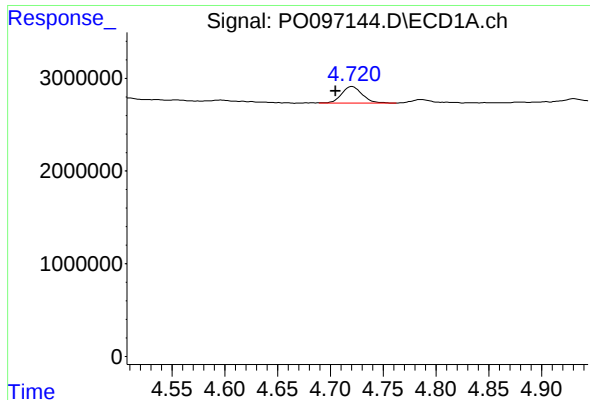
#8 AR-1221-1

R.T.: 4.626 min
Delta R.T.: 0.008 min
Response: 78528
Conc: 1.93 ng/ml



#8 AR-1221-1

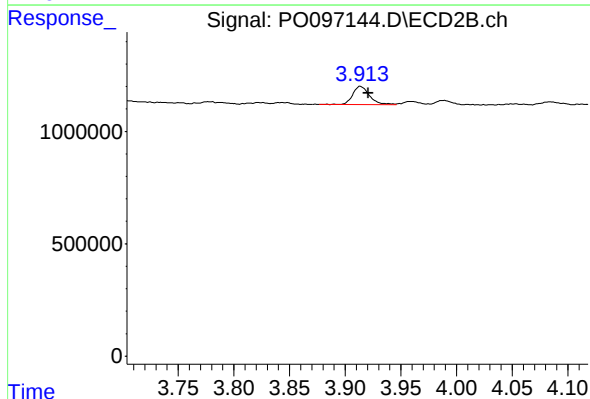
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

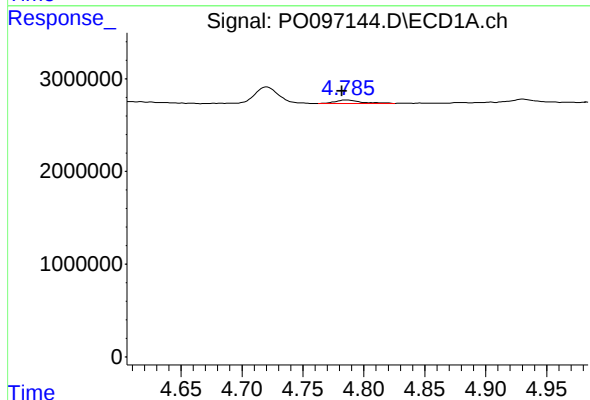
R.T.: 4.720 min
Delta R.T.: 0.016 min
Response: 2477128
Conc: 81.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



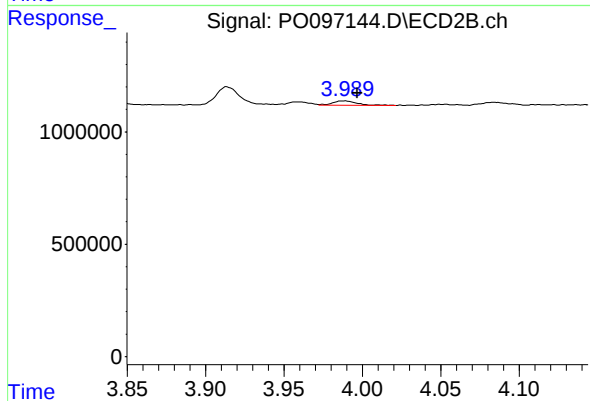
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.007 min
Response: 843341
Conc: 65.27 ng/ml



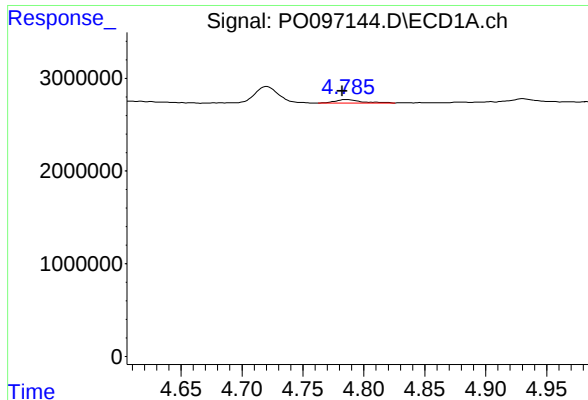
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 559120
Conc: 6.39 ng/ml



#10 AR-1221-3

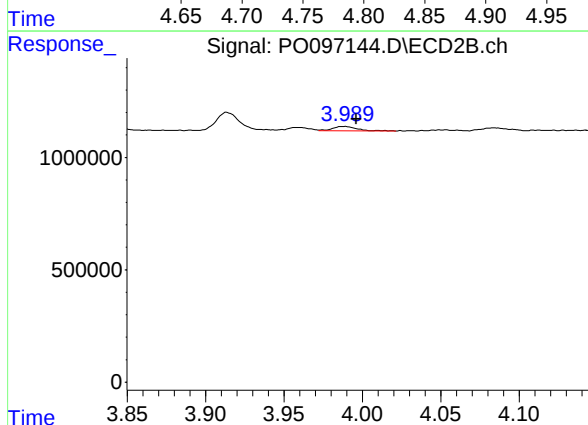
R.T.: 3.988 min
Delta R.T.: -0.009 min
Response: 213880
Conc: 5.39 ng/ml



#11 AR-1232-1

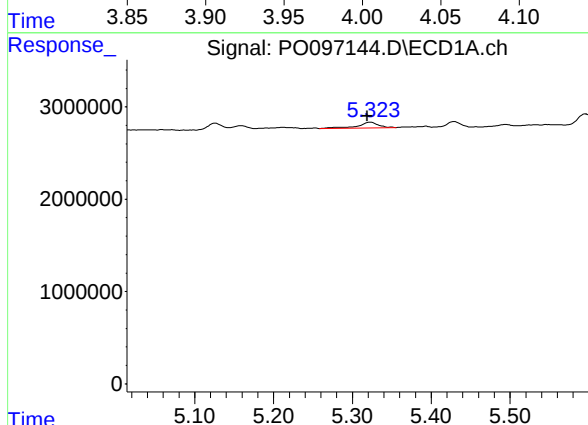
R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 559120
Conc: 7.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



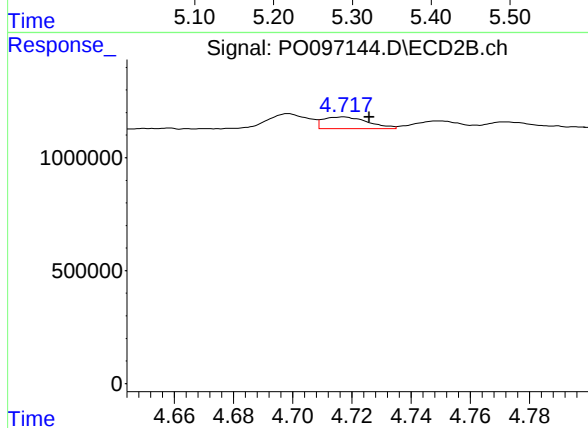
#11 AR-1232-1

R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 213880
Conc: 6.61 ng/ml



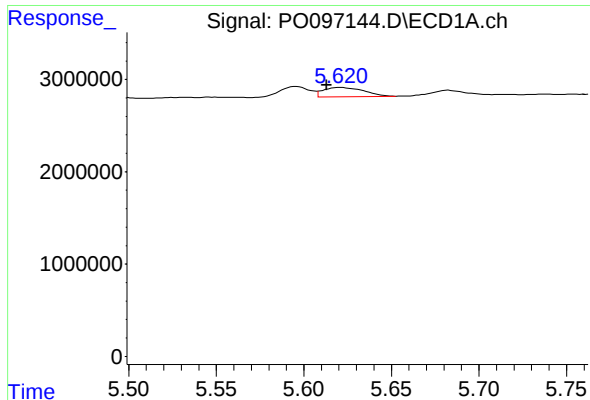
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 1137418
Conc: 28.69 ng/ml



#12 AR-1232-2

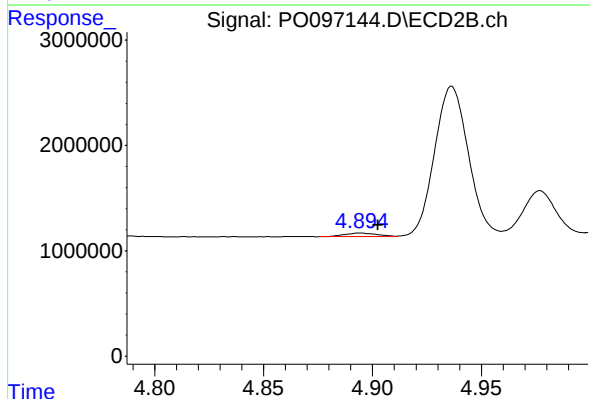
R.T.: 4.717 min
Delta R.T.: -0.009 min
Response: 544243
Conc: 18.86 ng/ml



#13 AR-1232-3

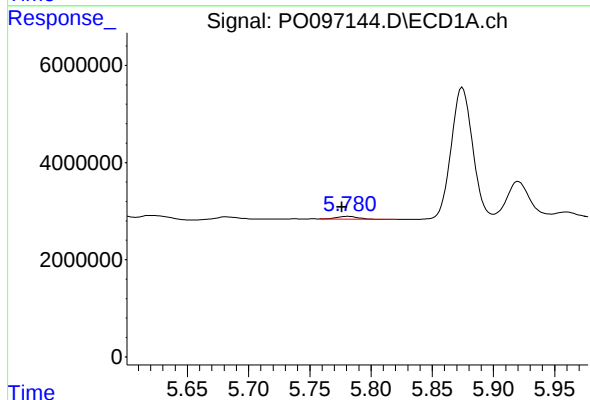
R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 1609707
Conc: 26.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



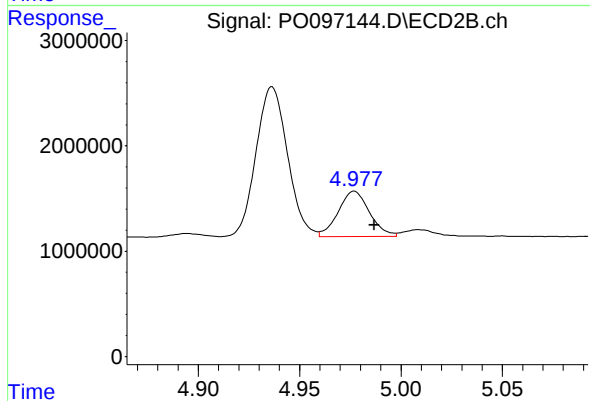
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.008 min
Response: 341702
Conc: 22.54 ng/ml



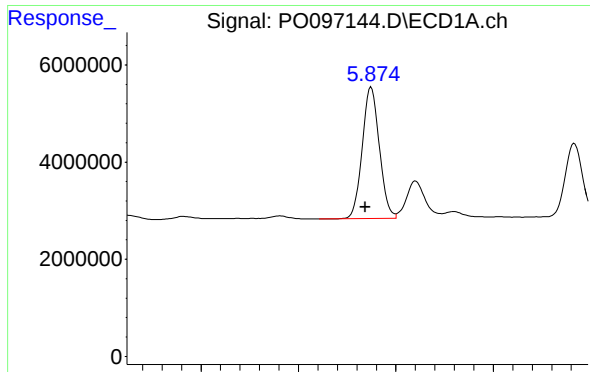
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 757050
Conc: 24.81 ng/ml



#14 AR-1232-4

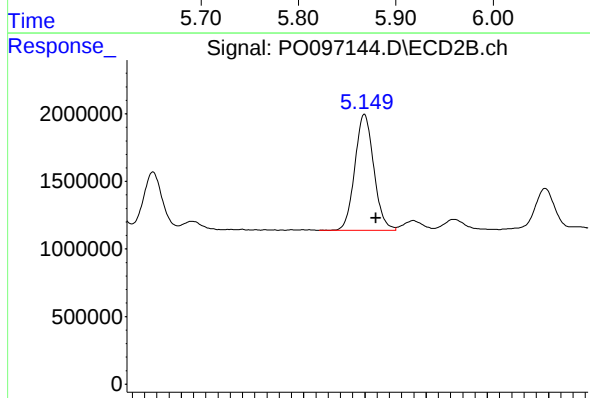
R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 4646374
Conc: 310.91 ng/ml



#15 AR-1232-5

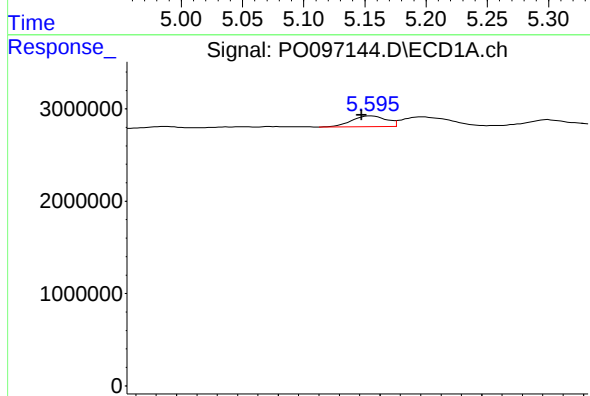
R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 33038436
Conc: 1180.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



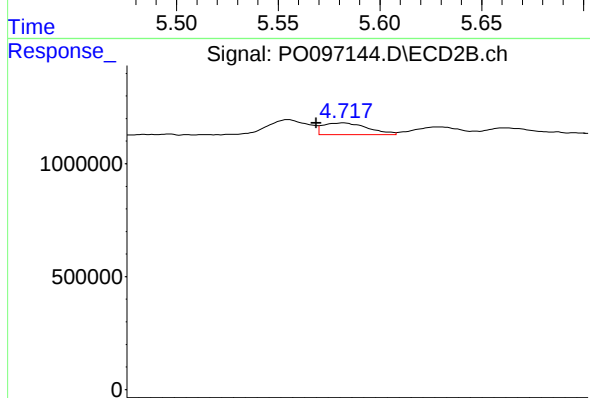
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 9241493
Conc: 565.34 ng/ml



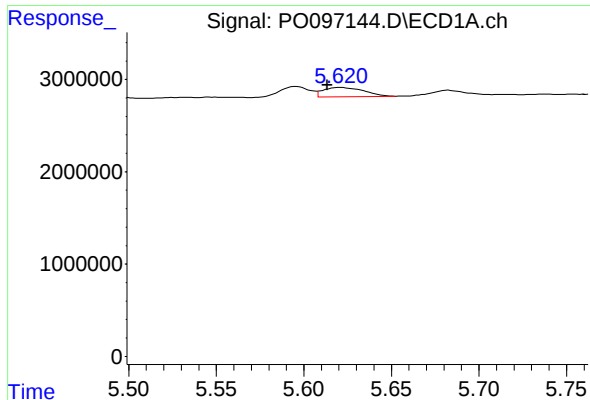
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 1391010
Conc: 16.60 ng/ml



#16 AR-1242-1

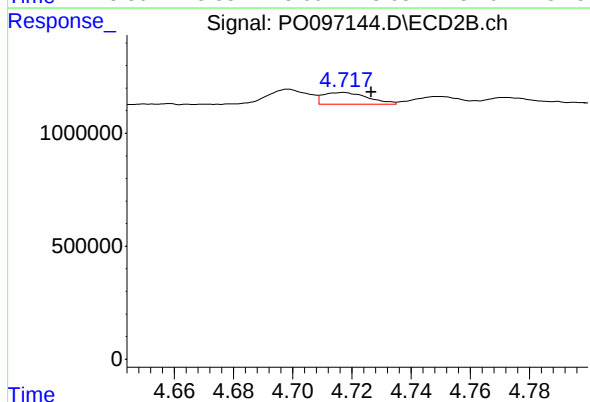
R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 544243
Conc: 13.80 ng/ml



#17 AR-1242-2

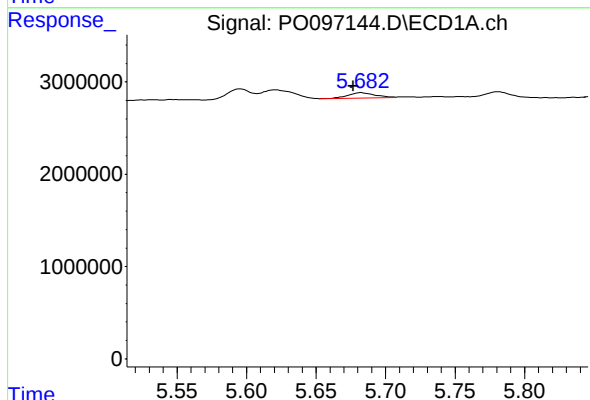
R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 1609707
Conc: 13.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



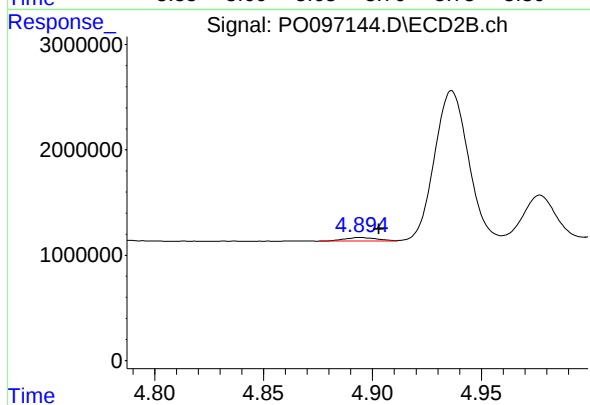
#17 AR-1242-2

R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 544243
Conc: 9.99 ng/ml



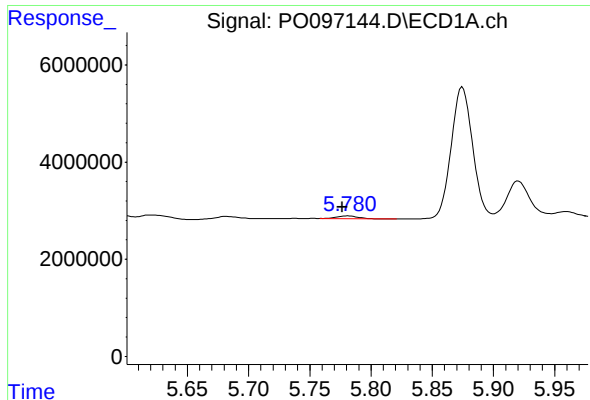
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 782301
Conc: 10.59 ng/ml



#18 AR-1242-3

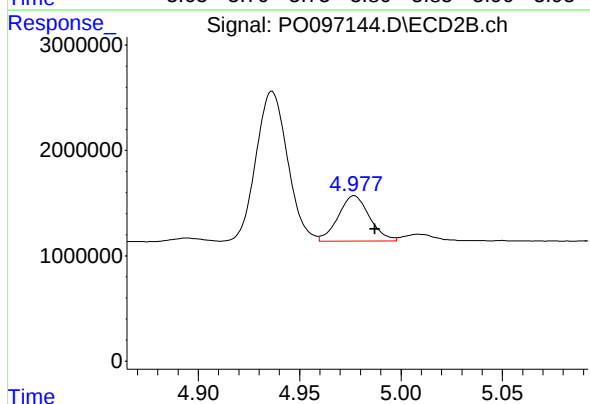
R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 341702
Conc: 11.56 ng/ml



#19 AR-1242-4

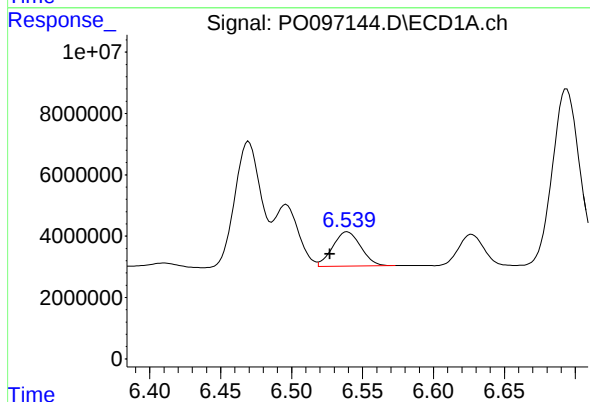
R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 757050
Conc: 12.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



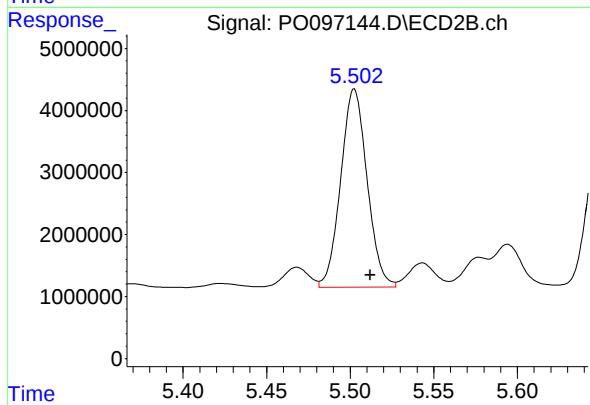
#19 AR-1242-4

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 4646374
Conc: 147.44 ng/ml



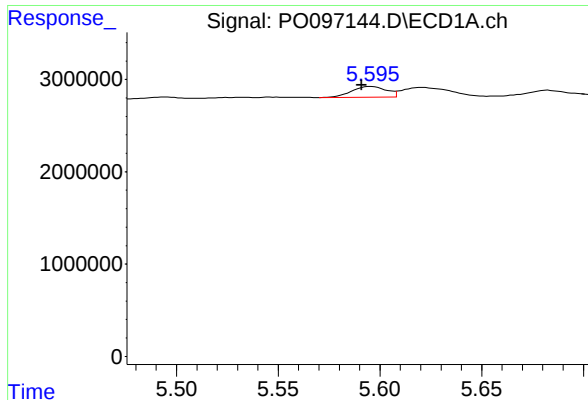
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 15381612
Conc: 279.57 ng/ml



#20 AR-1242-5

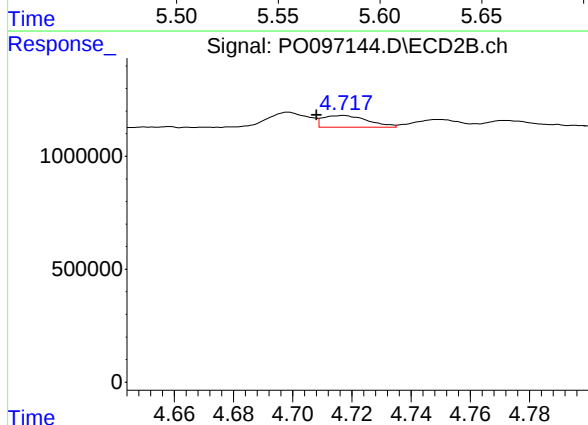
R.T.: 5.502 min
Delta R.T.: -0.009 min
Response: 35081209
Conc: 962.81 ng/ml



#21 AR-1248-1

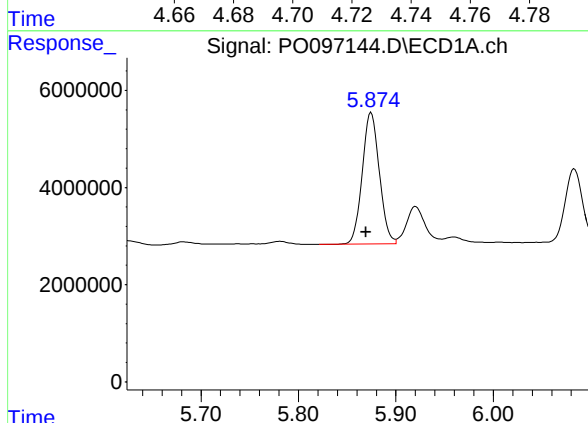
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 1391010
Conc: 23.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



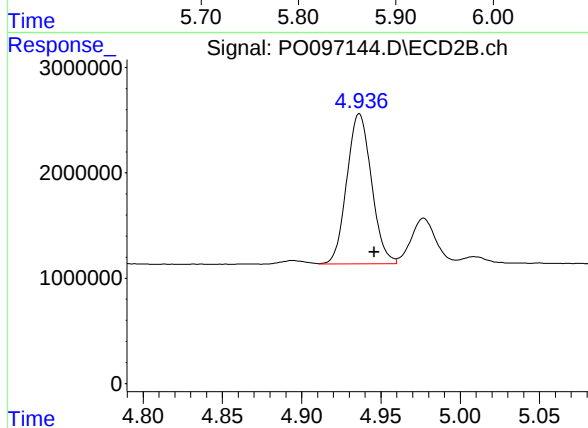
#21 AR-1248-1

R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 544243
Conc: 19.39 ng/ml



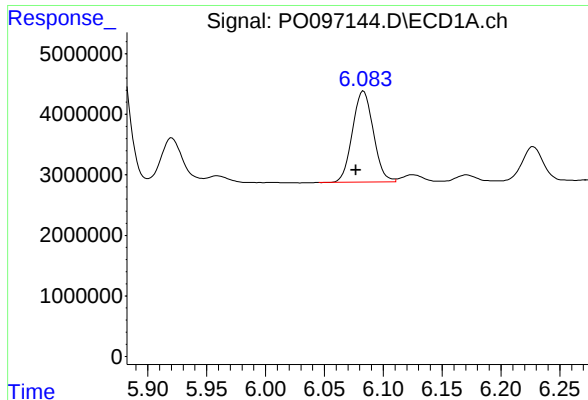
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 33038436
Conc: 351.41 ng/ml



#22 AR-1248-2

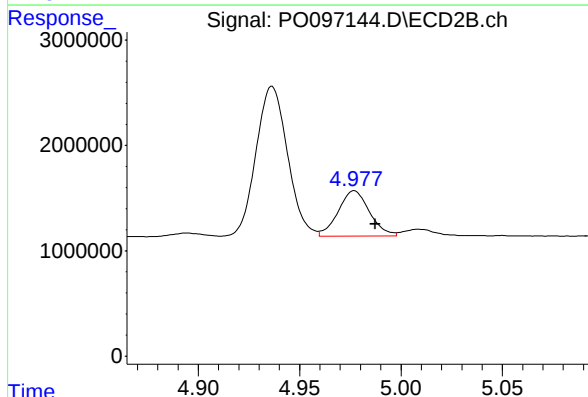
R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 15427514
Conc: 364.02 ng/ml



#23 AR-1248-3

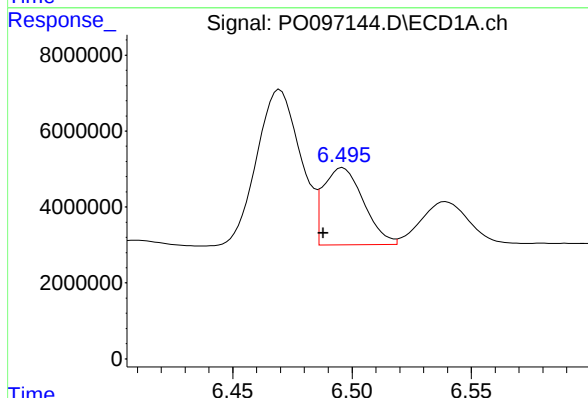
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 18594965
Conc: 190.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



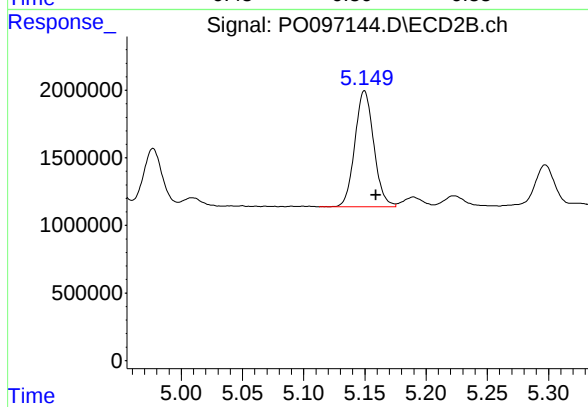
#23 AR-1248-3

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 4646374
Conc: 105.92 ng/ml



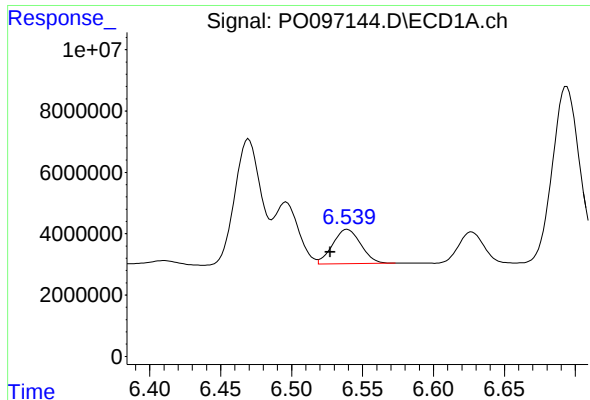
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.008 min
Response: 23765388
Conc: 261.61 ng/ml



#24 AR-1248-4

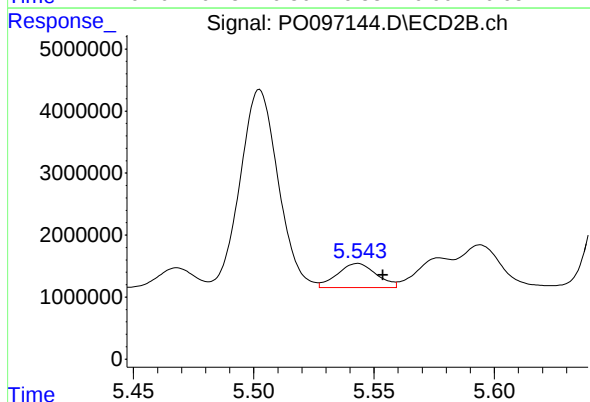
R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 9241493
Conc: 181.03 ng/ml



#25 AR-1248-5

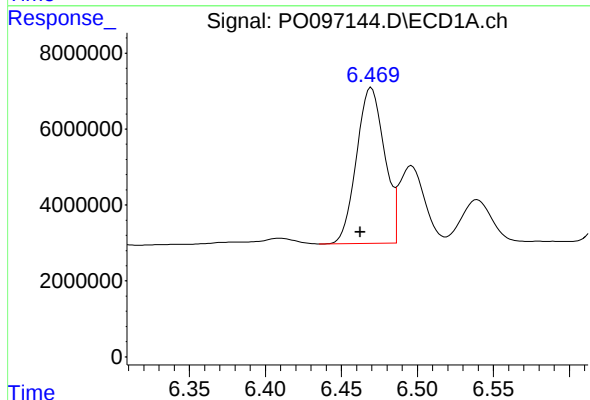
R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 15381612
Conc: 174.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



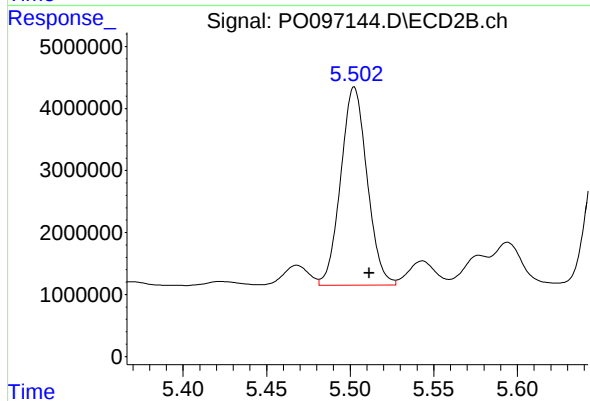
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: -0.011 min
Response: 4358835
Conc: 93.23 ng/ml



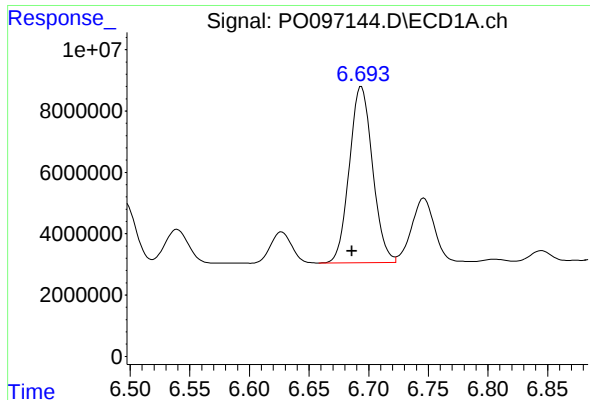
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.007 min
Response: 52391000
Conc: 479.37 ng/ml



#26 AR-1254-1

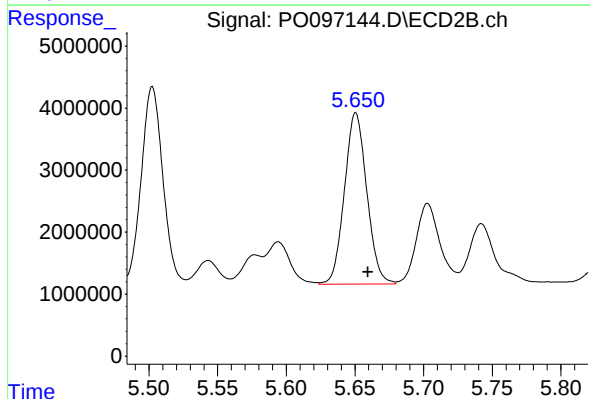
R.T.: 5.502 min
Delta R.T.: -0.009 min
Response: 35081209
Conc: 475.38 ng/ml



#27 AR-1254-2

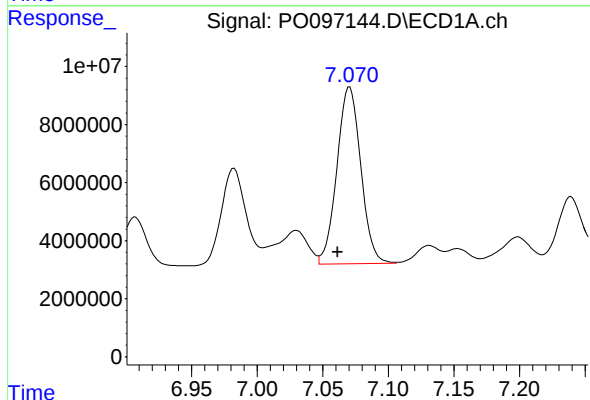
R.T.: 6.694 min
Delta R.T.: 0.008 min
Response: 77669068
Conc: 481.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



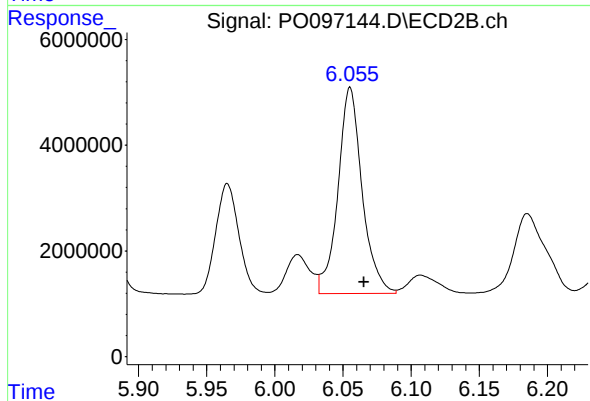
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: -0.009 min
Response: 31290214
Conc: 474.96 ng/ml



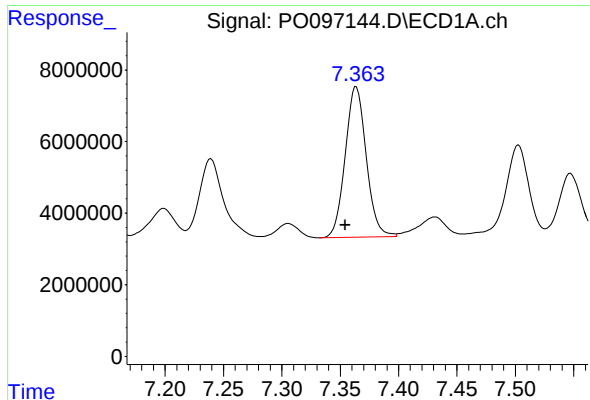
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: 0.009 min
Response: 77320241
Conc: 493.44 ng/ml



#28 AR-1254-3

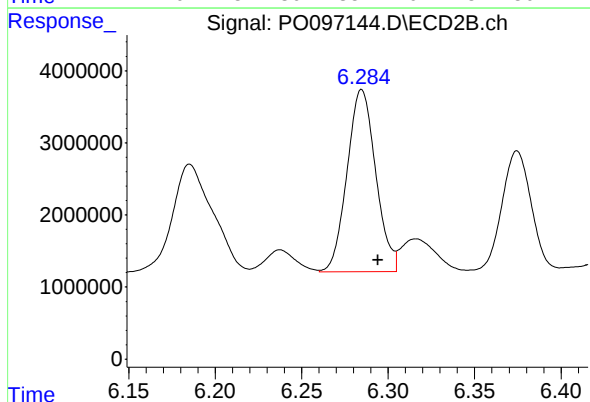
R.T.: 6.055 min
Delta R.T.: -0.010 min
Response: 48274547
Conc: 477.67 ng/ml



#29 AR-1254-4

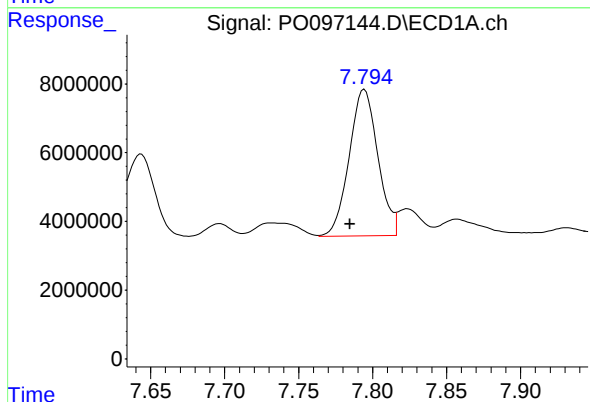
R.T.: 7.364 min
Delta R.T.: 0.010 min
Response: 52610445
Conc: 521.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



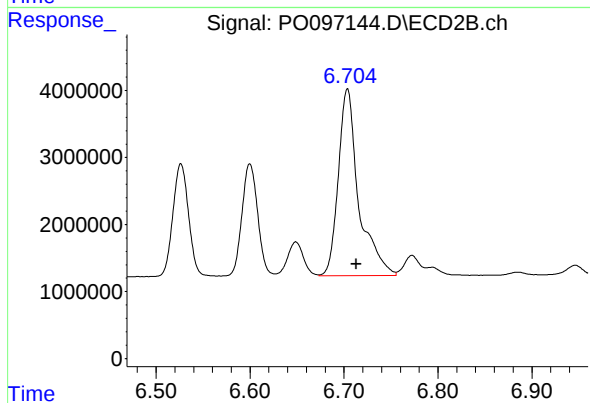
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: -0.009 min
Response: 29152192
Conc: 503.71 ng/ml



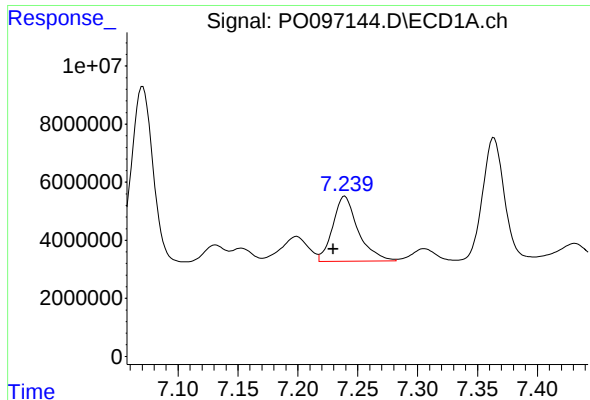
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.010 min
Response: 57446911
Conc: 511.94 ng/ml



#30 AR-1254-5

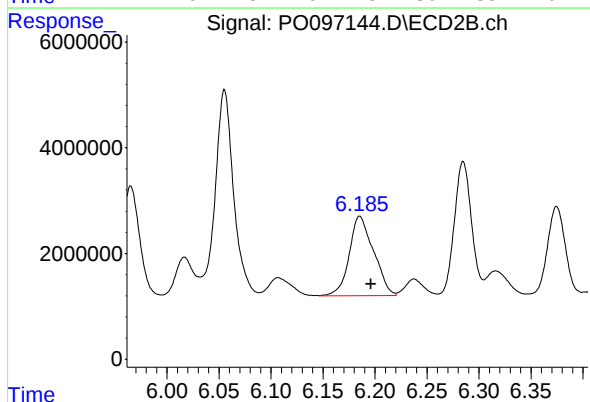
R.T.: 6.704 min
Delta R.T.: -0.009 min
Response: 42009539
Conc: 477.84 ng/ml



#31 AR-1260-1

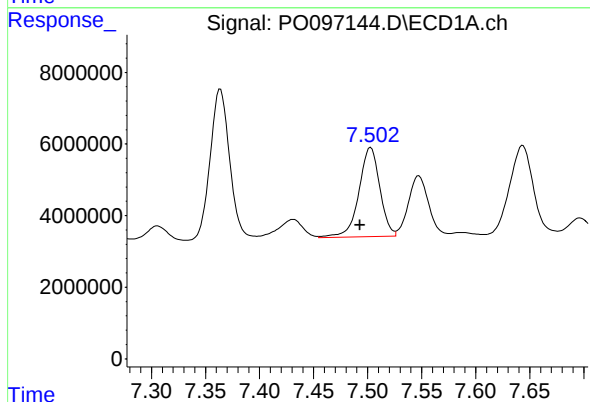
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 33155695
Conc: 263.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



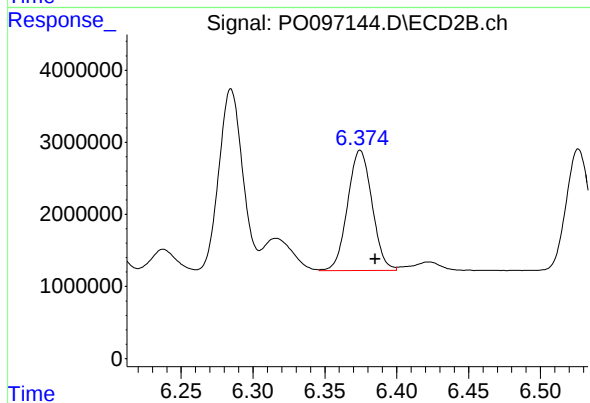
#31 AR-1260-1

R.T.: 6.185 min
Delta R.T.: -0.011 min
Response: 24430562
Conc: 347.18 ng/ml



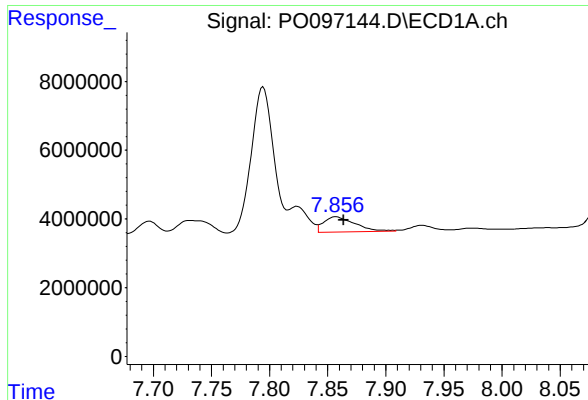
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 33679502
Conc: 249.97 ng/ml



#32 AR-1260-2

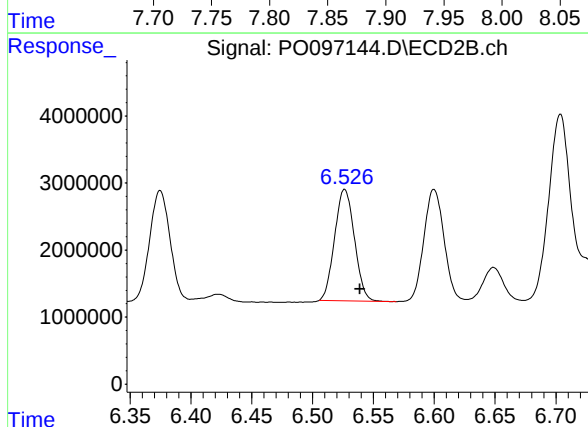
R.T.: 6.375 min
Delta R.T.: -0.011 min
Response: 19777643
Conc: 236.96 ng/ml



#33 AR-1260-3

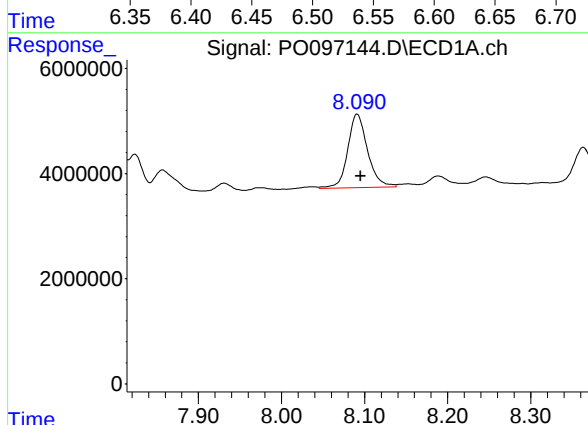
R.T.: 7.857 min
Delta R.T.: -0.007 min
Response: 8256609
Conc: 79.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



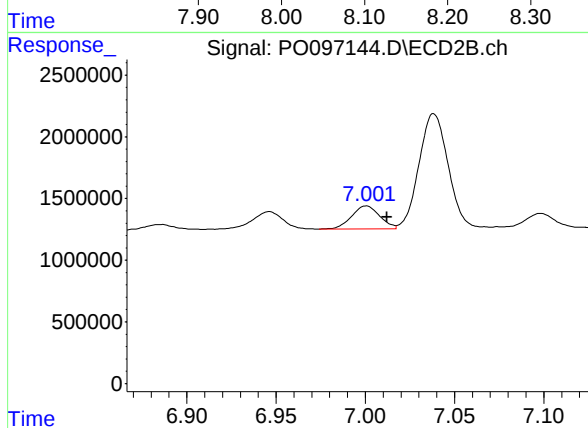
#33 AR-1260-3

R.T.: 6.526 min
Delta R.T.: -0.013 min
Response: 18803980
Conc: 243.51 ng/ml



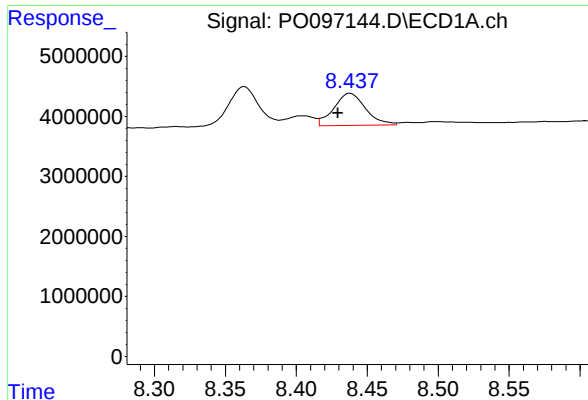
#34 AR-1260-4

R.T.: 8.091 min
Delta R.T.: -0.004 min
Response: 23243736
Conc: 207.90 ng/ml



#34 AR-1260-4

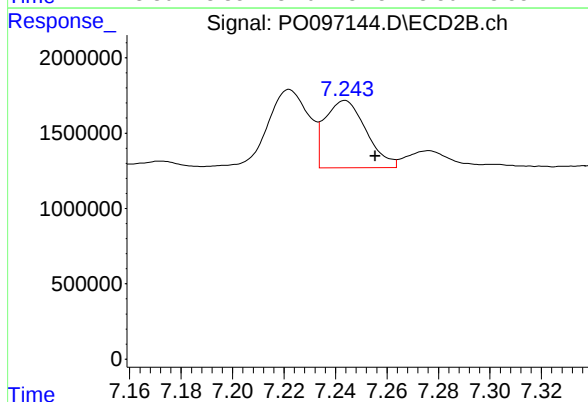
R.T.: 7.001 min
Delta R.T.: -0.012 min
Response: 2050330
Conc: 32.00 ng/ml



#35 AR-1260-5

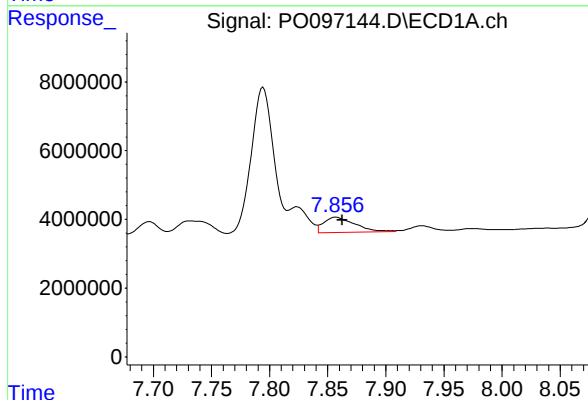
R.T.: 8.438 min
Delta R.T.: 0.009 min
Response: 8295260
Conc: 39.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



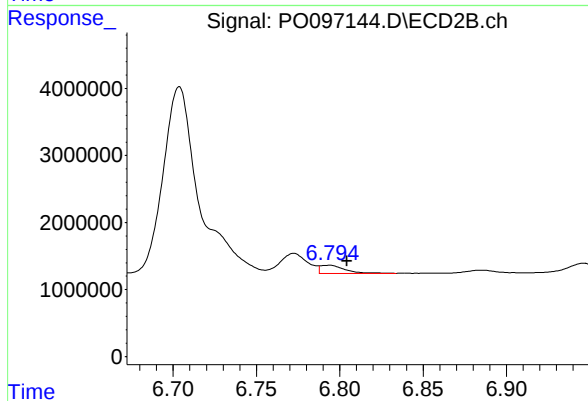
#35 AR-1260-5

R.T.: 7.244 min
Delta R.T.: -0.012 min
Response: 4954092
Conc: 35.74 ng/ml



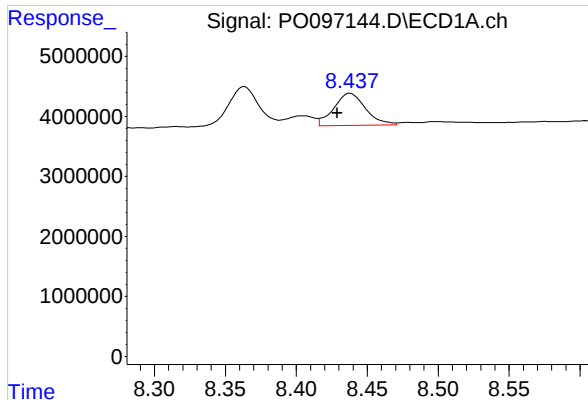
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: -0.006 min
Response: 8256609
Conc: 55.59 ng/ml



#36 AR-1262-1

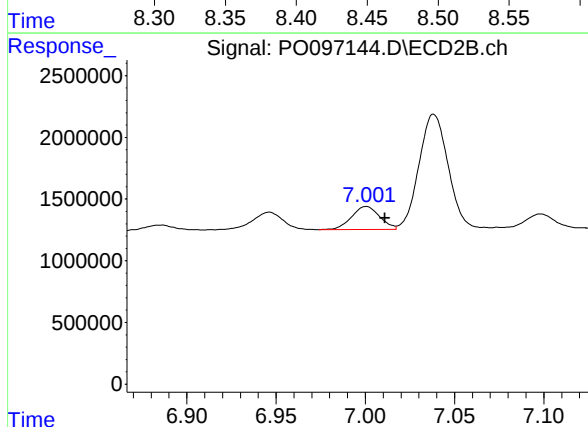
R.T.: 6.793 min
Delta R.T.: -0.011 min
Response: 1265016
Conc: 32.13 ng/ml



#37 AR-1262-2

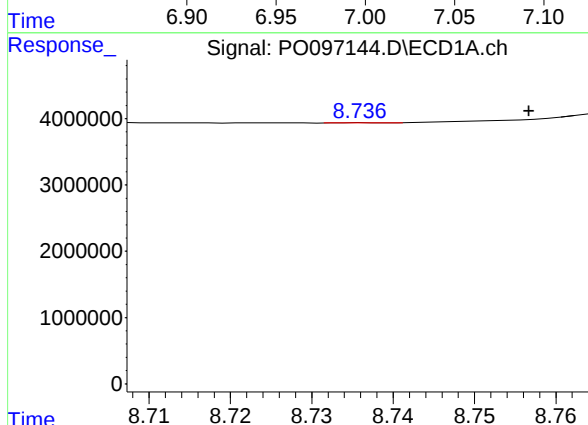
R.T.: 8.438 min
Delta R.T.: 0.009 min
Response: 8295260
Conc: 35.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



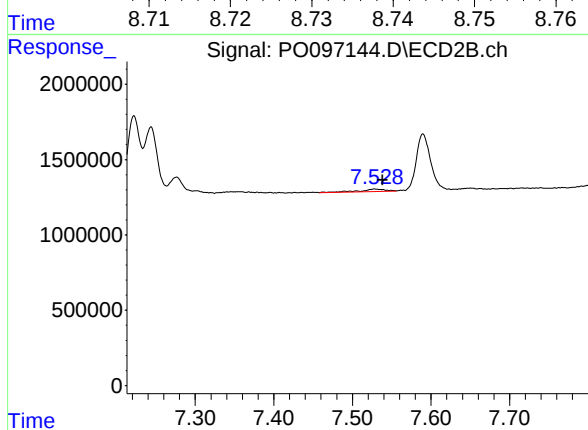
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: -0.010 min
Response: 2050330
Conc: 25.28 ng/ml



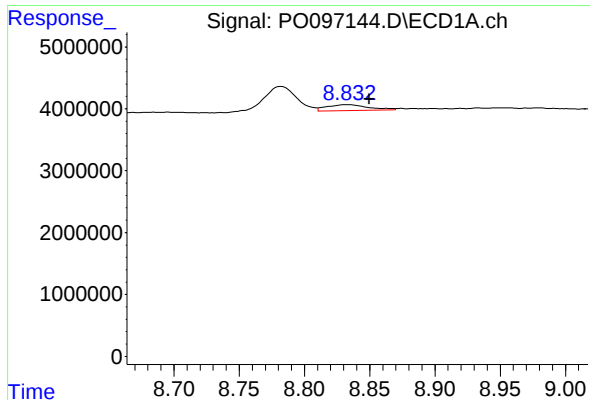
#38 AR-1262-3

R.T.: 8.736 min
Delta R.T.: -0.021 min
Response: 11190
Conc: 0.07 ng/ml



#38 AR-1262-3

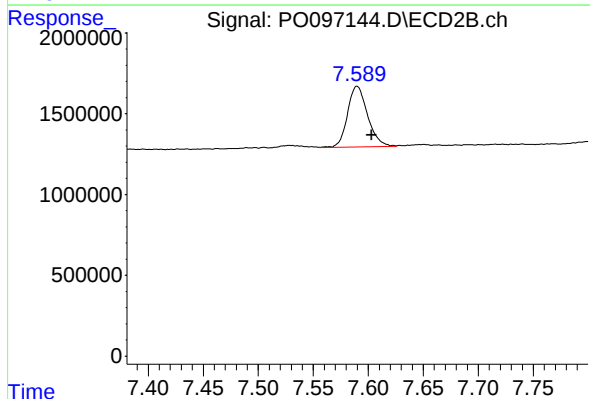
R.T.: 7.528 min
Delta R.T.: -0.010 min
Response: 359143
Conc: 5.60 ng/ml



#39 AR-1262-4

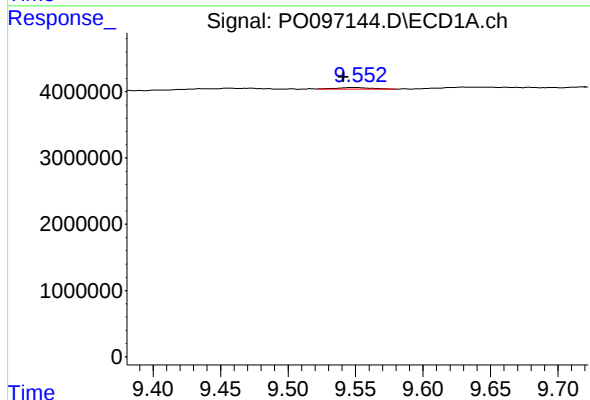
R.T.: 8.833 min
Delta R.T.: -0.017 min
Response: 2157500
Conc: 29.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



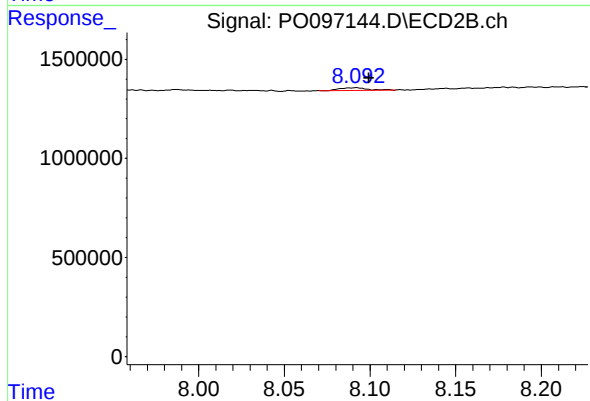
#39 AR-1262-4

R.T.: 7.590 min
Delta R.T.: -0.013 min
Response: 4755681
Conc: 41.86 ng/ml



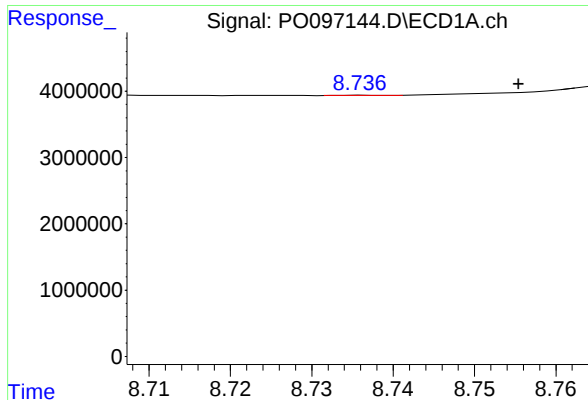
#40 AR-1262-5

R.T.: 9.552 min
Delta R.T.: 0.010 min
Response: 476826
Conc: 5.73 ng/ml



#40 AR-1262-5

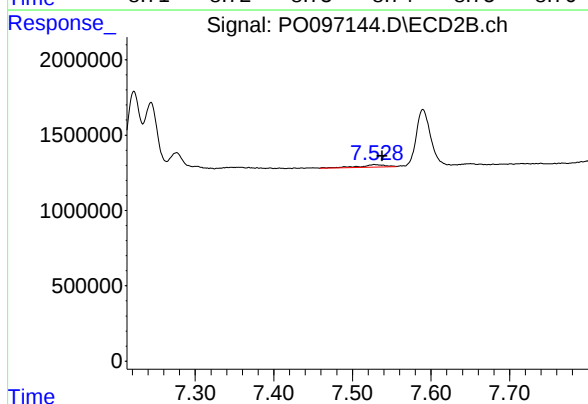
R.T.: 8.092 min
Delta R.T.: -0.008 min
Response: 148960
Conc: 2.84 ng/ml



#41 AR-1268-1

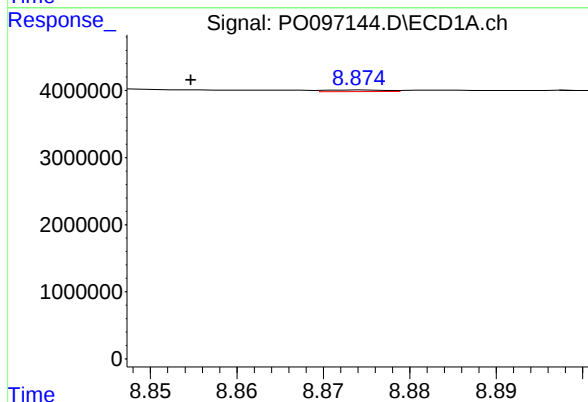
R.T.: 8.736 min
Delta R.T.: -0.019 min
Response: 11190
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



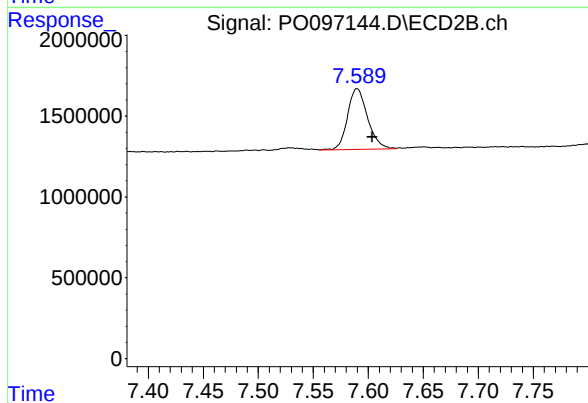
#41 AR-1268-1

R.T.: 7.528 min
Delta R.T.: -0.010 min
Response: 359143
Conc: 1.94 ng/ml



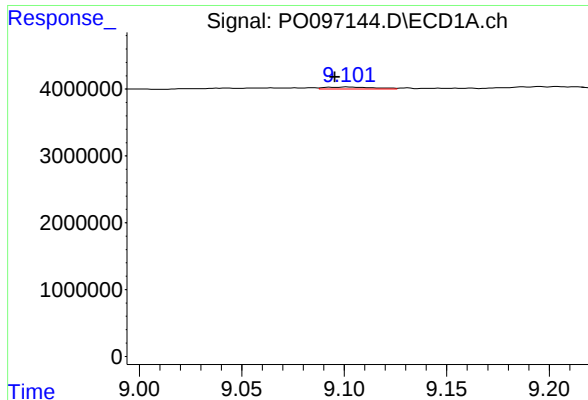
#42 AR-1268-2

R.T.: 8.874 min
Delta R.T.: 0.019 min
Response: 108637
Conc: 0.40 ng/ml



#42 AR-1268-2

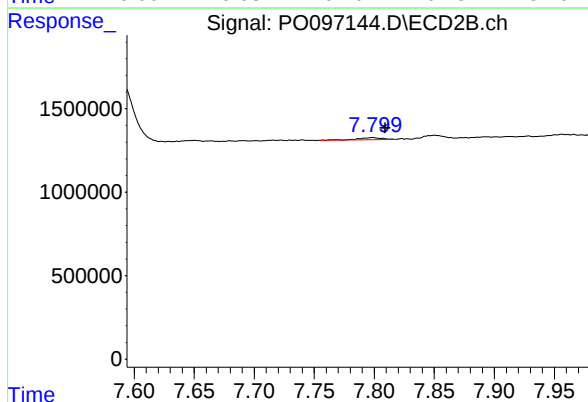
R.T.: 7.590 min
Delta R.T.: -0.014 min
Response: 4755681
Conc: 28.36 ng/ml



#43 AR-1268-3

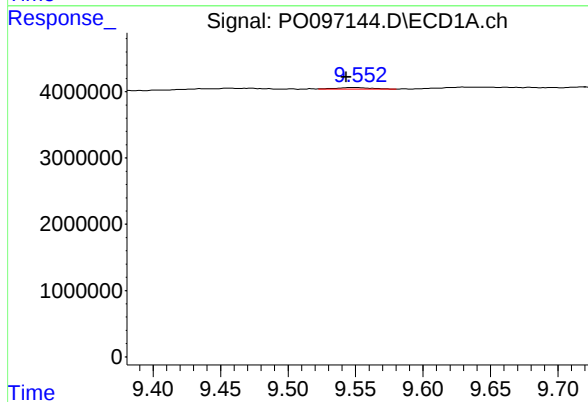
R.T.: 9.102 min
Delta R.T.: 0.006 min
Response: 498832
Conc: 1.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



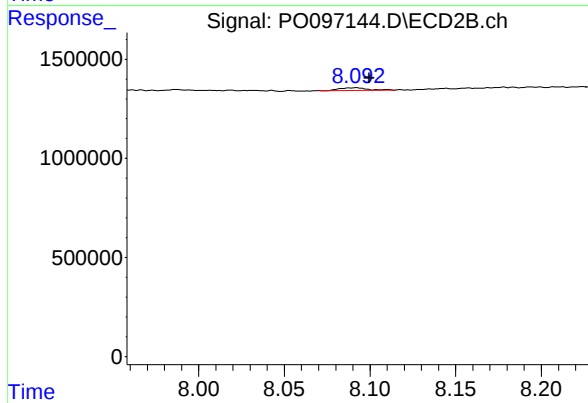
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 194960
Conc: 1.35 ng/ml



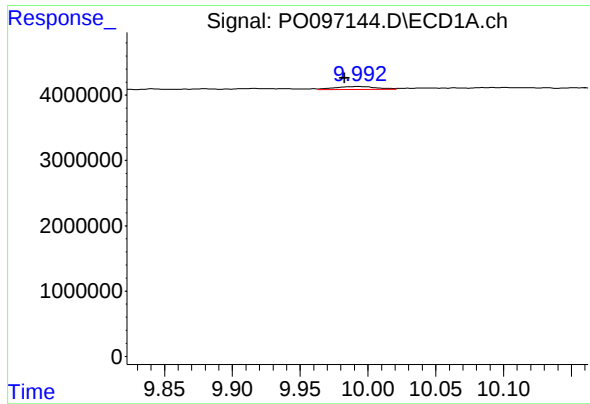
#44 AR-1268-4

R.T.: 9.552 min
Delta R.T.: 0.009 min
Response: 476826
Conc: 5.14 ng/ml



#44 AR-1268-4

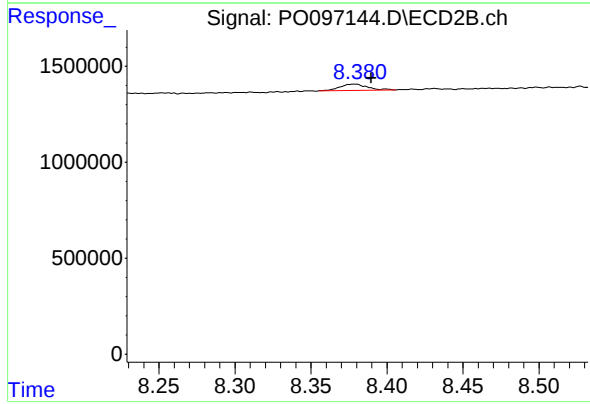
R.T.: 8.092 min
Delta R.T.: -0.008 min
Response: 148960
Conc: 2.50 ng/ml



#45 AR-1268-5

R.T.: 9.993 min
Delta R.T.: 0.010 min
Response: 951361
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: -0.011 min
Response: 418994
Conc: 1.01 ng/ml