

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 04:00
 Operator : AJ\MA
 Sample : M4068-03
 Misc : AR1248 MDL 25 PPB
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 06:09:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 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...	5.246	4.319	307.1E6	181.6E6	17.466	17.661
2) SA Decachlor...	11.435	9.723	318.1E6	166.2E6	20.170	18.556
Target Compounds						
3) L1 AR-1016-1	6.568	5.591	7883449	3838770	13.370	10.708
4) L1 AR-1016-2	6.593	5.613	9055378	4223789	10.074	8.204
5) L1 AR-1016-3	6.658	5.807	5643063	2737700	10.049	10.223
6) L1 AR-1016-4	6.765	5.856	5573989	6050224	11.673	27.891 #
7) L1 AR-1016-5	7.081	6.088	11568340	6472040	26.540	23.642
8) L2 AR-1221-1	5.498	4.568f	13745541	144809	65.938	1.343 #
9) L2 AR-1221-2	5.599	4.678	5565727	2925690	31.808	37.753
10) L2 AR-1221-3	0.000	4.771	0	510962	N.D.	1.984 #
11) L3 AR-1232-1	0.000	4.771	0	510962	N.D.	2.351 #
12) L3 AR-1232-2	6.273	5.613	3267039	4223789	16.362	20.048
13) L3 AR-1232-3	6.593	5.807	9055378	2737700	23.775	24.944
14) L3 AR-1232-4	6.765	5.902	5573989	6066177	27.221	62.491 #
15) L3 AR-1232-5	6.862	6.088	10135812	6472040	72.896	62.795
16) L4 AR-1242-1	6.568	5.591	7883449	3838770	18.030	14.410
17) L4 AR-1242-2	6.593	5.613	9055378	4223789	13.487	10.905
18) L4 AR-1242-3	6.658	5.807	5643063	2737700	13.342	13.576
19) L4 AR-1242-4	6.765	5.902	5573989	6066177	15.639	30.986 #
20) L4 AR-1242-5	7.551	6.470	14466740	11635031	39.606	46.143
21) L5 AR-1248-1	6.568	5.591	7883449	3838770	23.180	19.179
22) L5 AR-1248-2	6.862	5.856	10135812	6050224	22.116	21.518
23) L5 AR-1248-3	7.081	5.902	11568340	6066177	21.451	20.734
24) L5 AR-1248-4	7.511	6.088	14742242	6472040	24.295	18.592
25) L5 AR-1248-5	7.551	6.513	14466740	8221641	23.638	23.627
26) L6 AR-1254-1	7.481	6.470	13440455	11635031	22.895	21.035
27) L6 AR-1254-2	7.715	6.629	16755112	6015338	18.486	12.711 #
28) L6 AR-1254-3	8.093	7.054	9354553	9994897	9.190	12.731 #
29) L6 AR-1254-4	8.388	7.292	5570113	6922223	7.403	14.508 #
30) L6 AR-1254-5	0.000	7.725	0	864922	N.D.	1.293 #
31) L7 AR-1260-1	0.000	7.205	0	10853128	N.D.	21.652 #
32) L7 AR-1260-2	8.535	7.390	14770511	1855340	17.799	3.068 #
33) L7 AR-1260-3	0.000	7.534f	0	5485471	N.D.	9.604 #
34) L7 AR-1260-4	0.000	8.035	0	463154	N.D.	0.977 #
35) L7 AR-1260-5	0.000	8.272	0	749494	N.D.	0.649 #
36) L8 AR-1262-1	0.000	7.725	0	864922	N.D.	2.543 #
37) L8 AR-1262-2	0.000	8.272	0	749494	N.D.	0.608 #
38) L8 AR-1262-3	0.000	8.594f	0	8288003	N.D.	17.931 #
40) L8 AR-1262-5	0.000	9.149	0	4781438	N.D.	11.907 #
41) L9 AR-1268-1	0.000	8.594f	0	8288003	N.D.	5.858 #
43) L9 AR-1268-3	0.000	8.839	0	12314899	N.D.	11.257 #

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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
44) L9	AR-1268-4	0.000	9.149	0	4781438	N.D.	10.584 #
45) L9	AR-1268-5	0.000	9.451	0	923105	N.D.	0.261 #

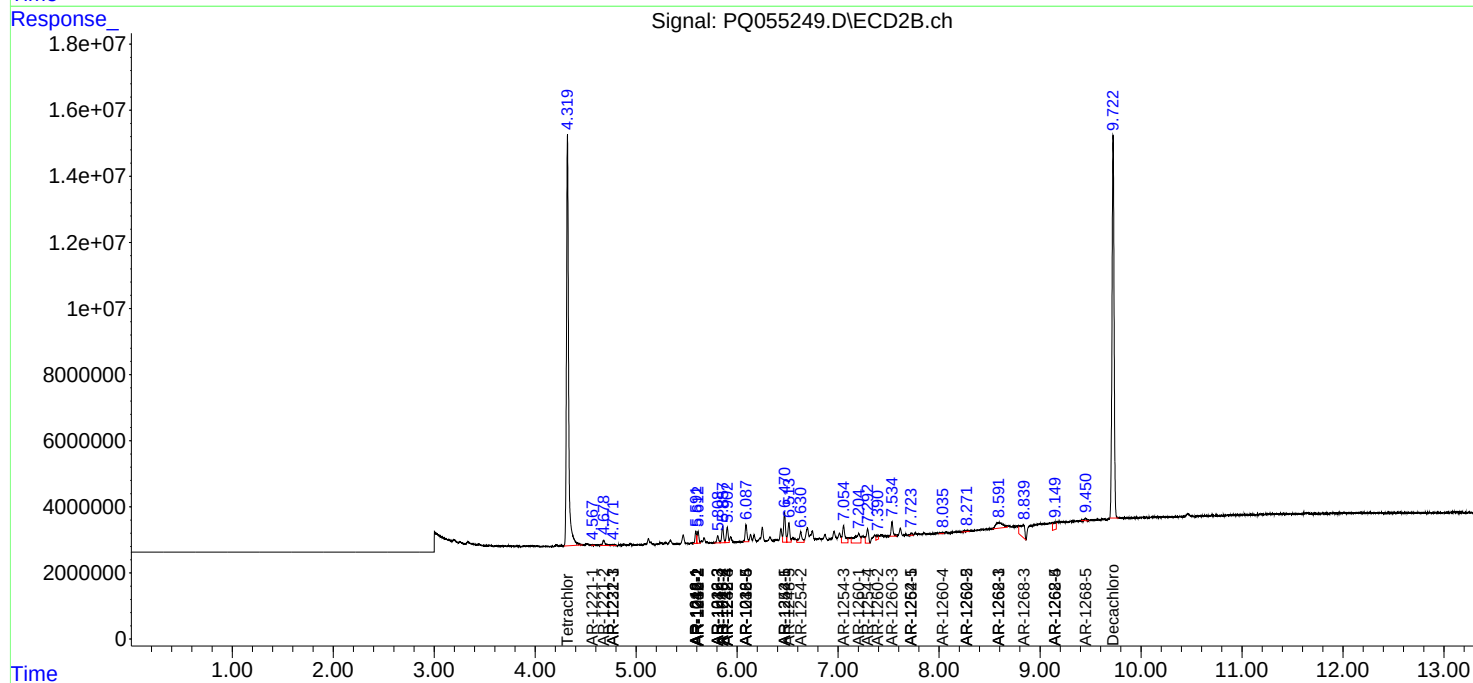
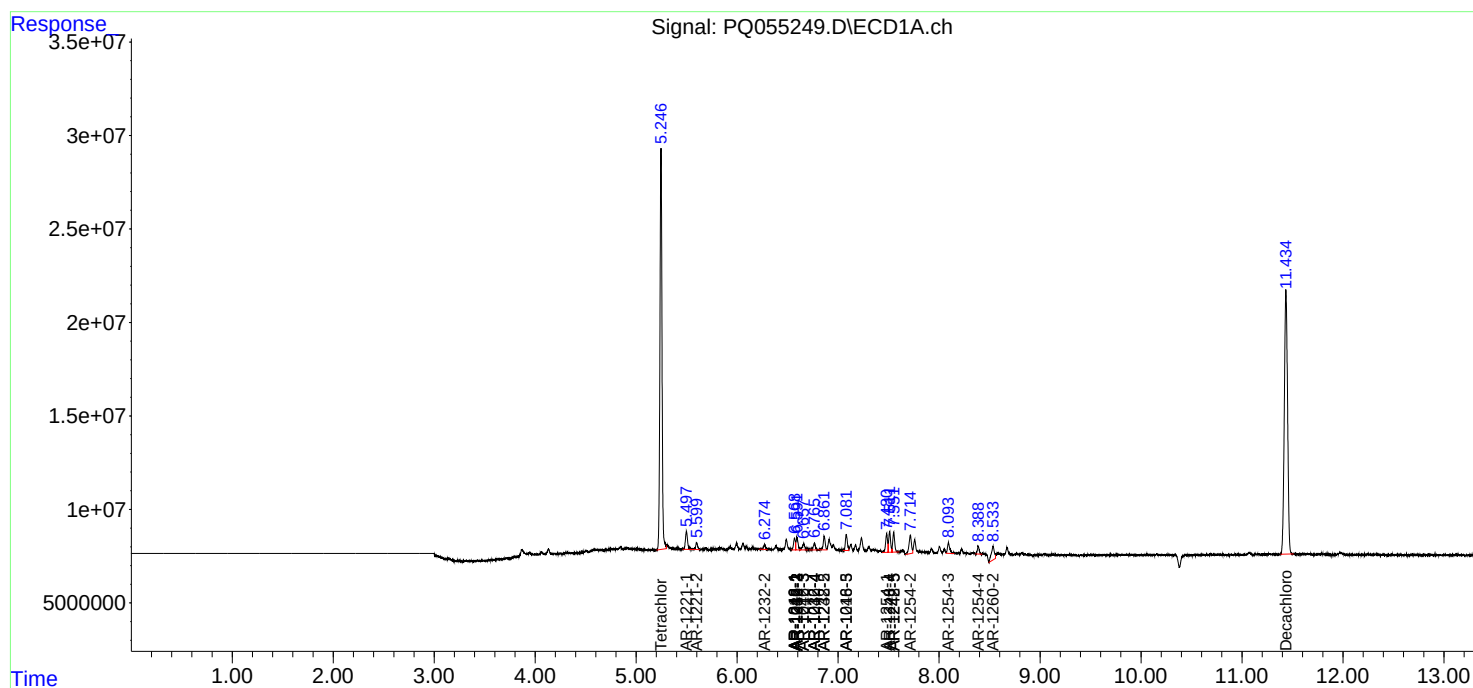
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

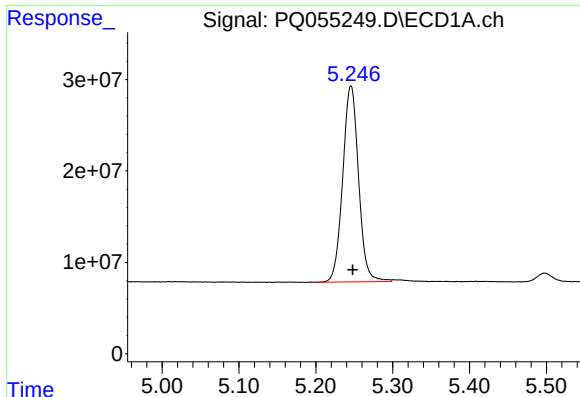
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
Data File : PQ055249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Quant Time: Dec 01 06:09:58 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

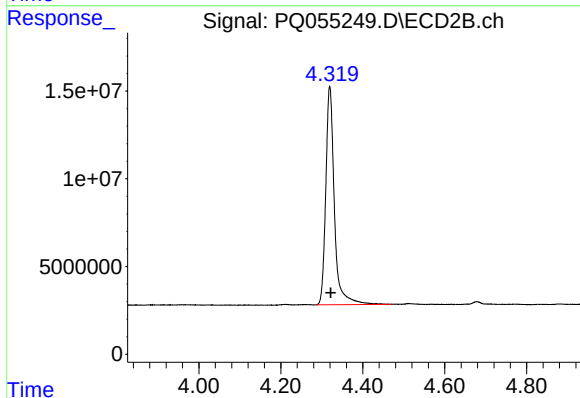




#1 Tetrachloro-m-xylene

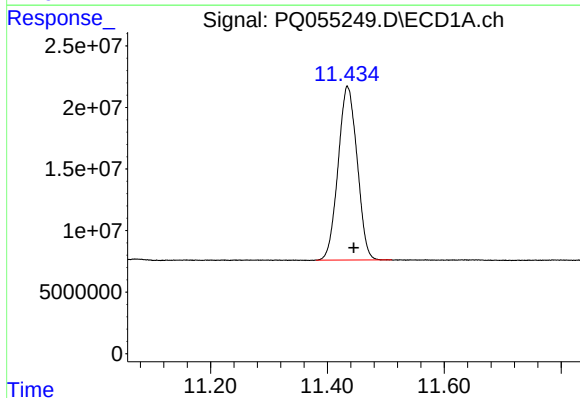
R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 307084829
Conc: 17.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



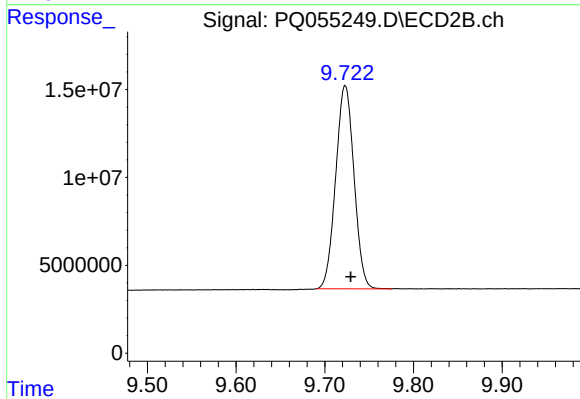
#1 Tetrachloro-m-xylene

R.T.: 4.319 min
Delta R.T.: -0.003 min
Response: 181618518
Conc: 17.66 ng/ml



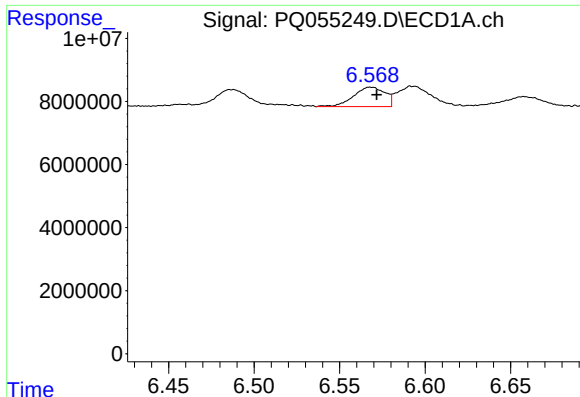
#2 Decachlorobiphenyl

R.T.: 11.435 min
Delta R.T.: -0.010 min
Response: 318135290
Conc: 20.17 ng/ml



#2 Decachlorobiphenyl

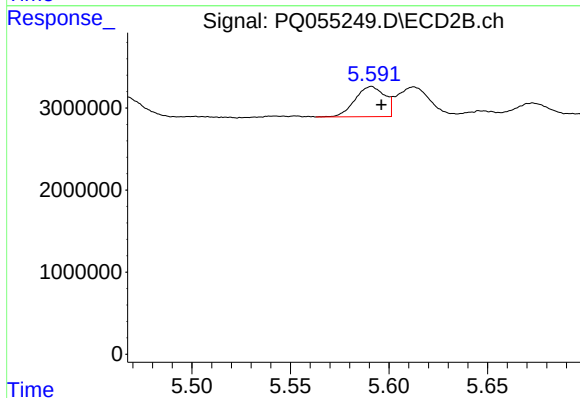
R.T.: 9.723 min
Delta R.T.: -0.006 min
Response: 166150857
Conc: 18.56 ng/ml



#3 AR-1016-1

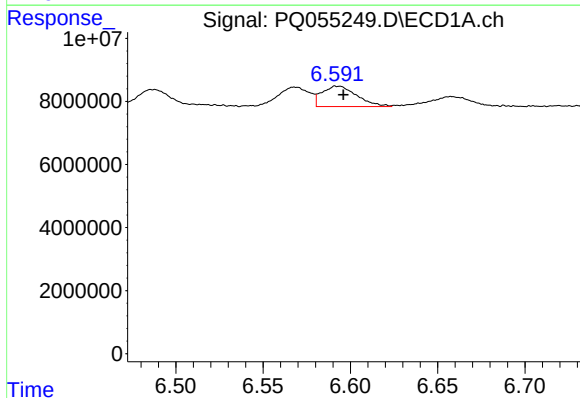
R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 7883449
Conc: 13.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



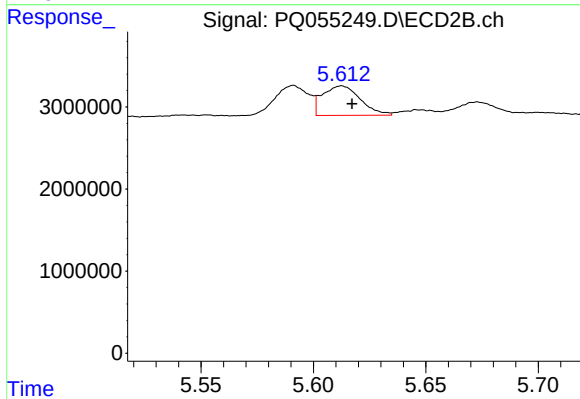
#3 AR-1016-1

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 3838770
Conc: 10.71 ng/ml



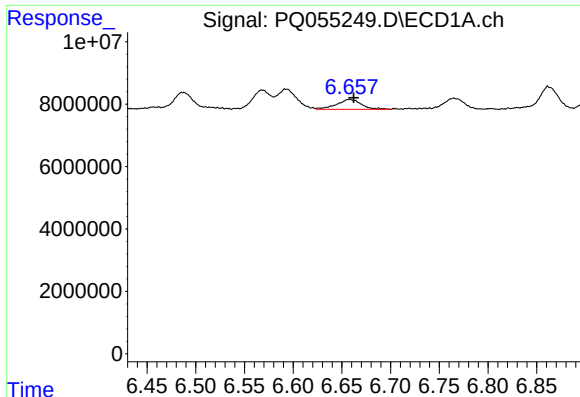
#4 AR-1016-2

R.T.: 6.593 min
Delta R.T.: -0.003 min
Response: 9055378
Conc: 10.07 ng/ml



#4 AR-1016-2

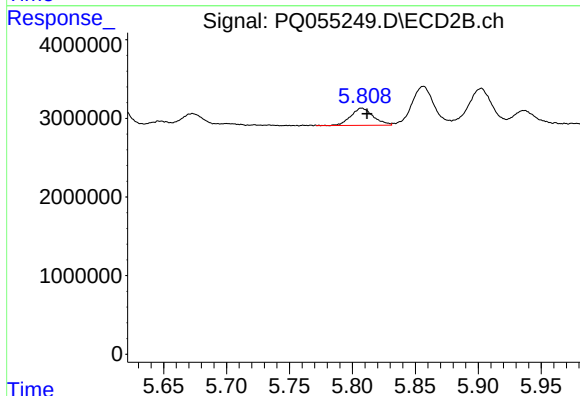
R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 4223789
Conc: 8.20 ng/ml



#5 AR-1016-3

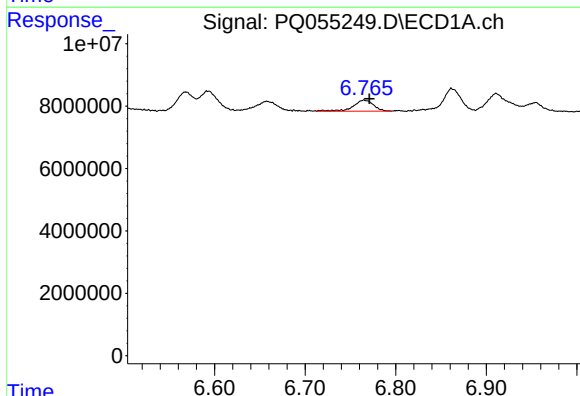
R.T.: 6.658 min
Delta R.T.: -0.004 min
Response: 5643063
Conc: 10.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



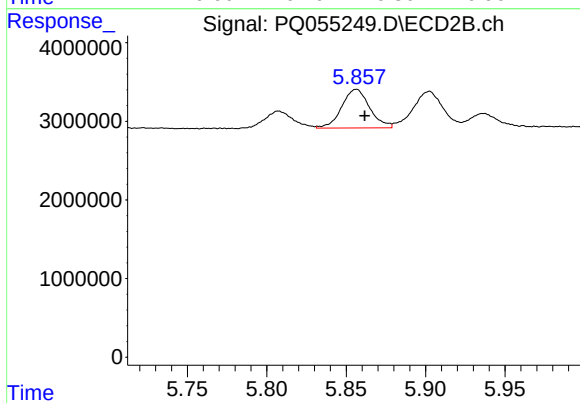
#5 AR-1016-3

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 2737700
Conc: 10.22 ng/ml



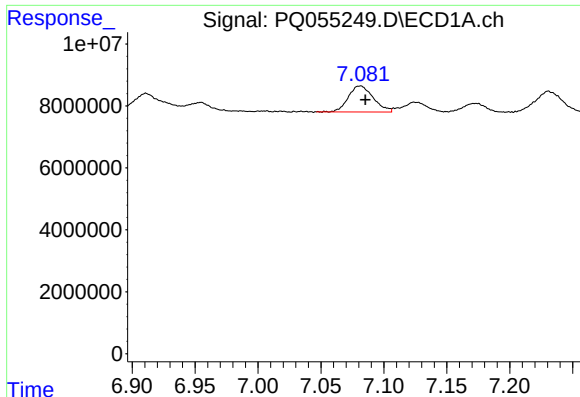
#6 AR-1016-4

R.T.: 6.765 min
Delta R.T.: -0.006 min
Response: 5573989
Conc: 11.67 ng/ml



#6 AR-1016-4

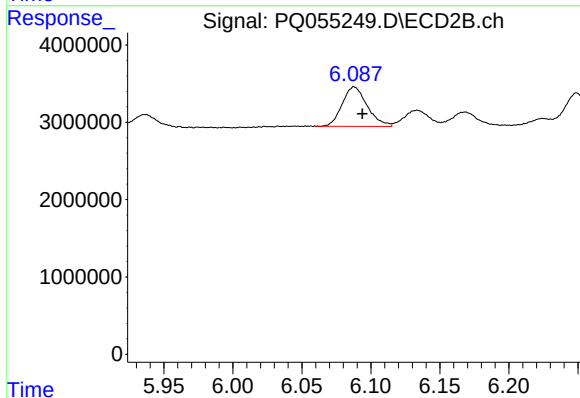
R.T.: 5.856 min
Delta R.T.: -0.005 min
Response: 6050224
Conc: 27.89 ng/ml



#7 AR-1016-5

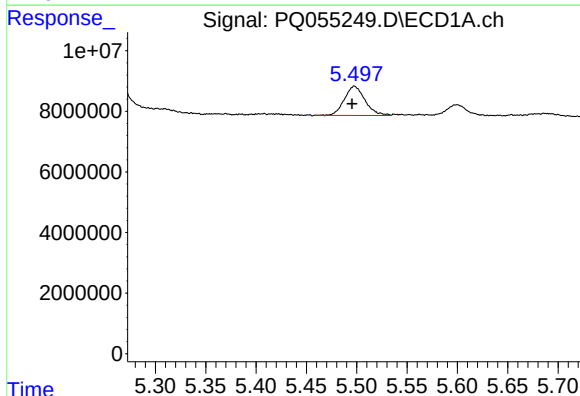
R.T.: 7.081 min
Delta R.T.: -0.004 min
Response: 11568340
Conc: 26.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



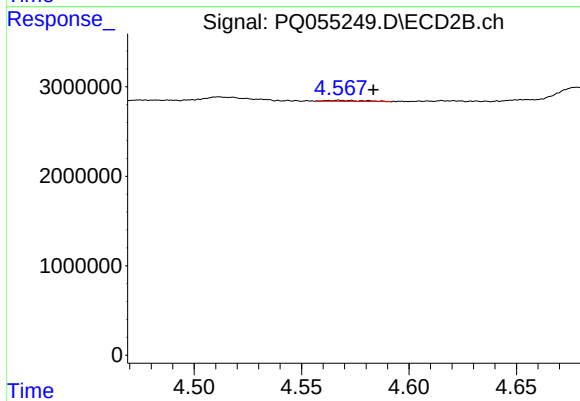
#7 AR-1016-5

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 6472040
Conc: 23.64 ng/ml



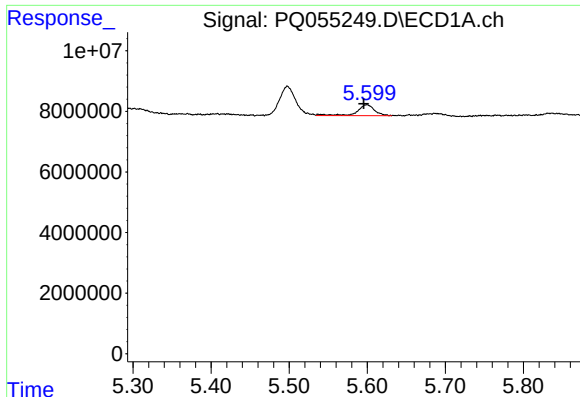
#8 AR-1221-1

R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 13745541
Conc: 65.94 ng/ml



#8 AR-1221-1

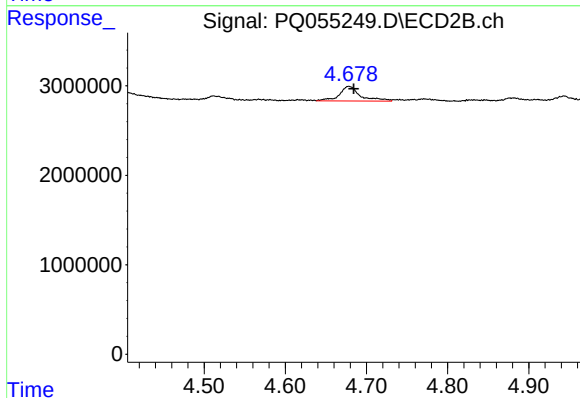
R.T.: 4.568 min
Delta R.T.: -0.016 min
Response: 144809
Conc: 1.34 ng/ml



#9 AR-1221-2

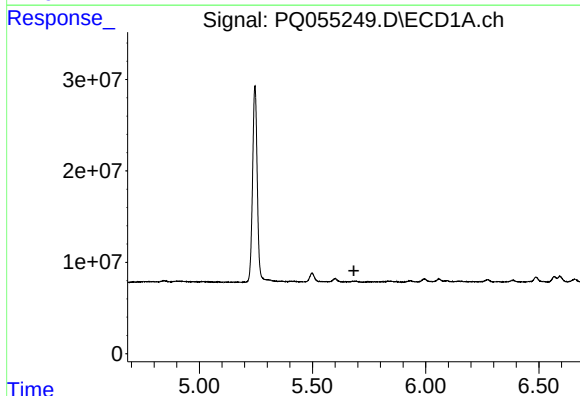
R.T.: 5.599 min
Delta R.T.: 0.004 min
Response: 5565727
Conc: 31.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



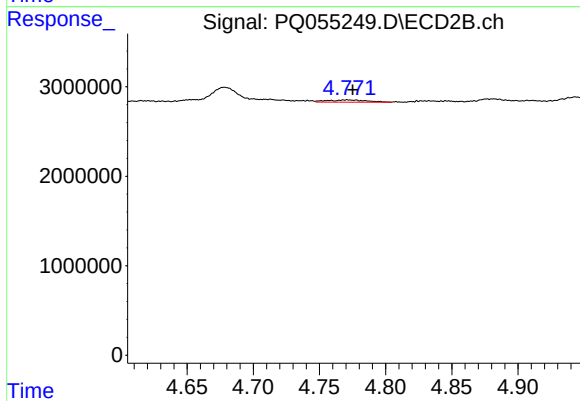
#9 AR-1221-2

R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 2925690
Conc: 37.75 ng/ml



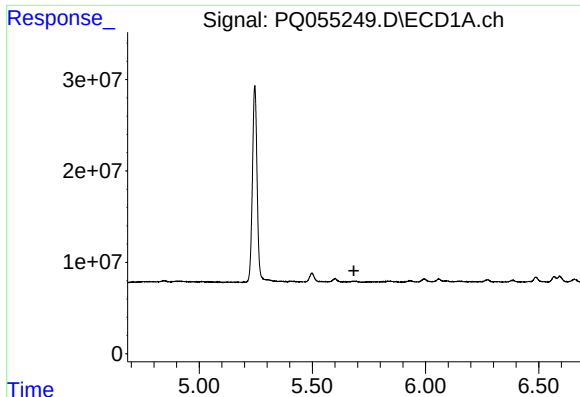
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



#10 AR-1221-3

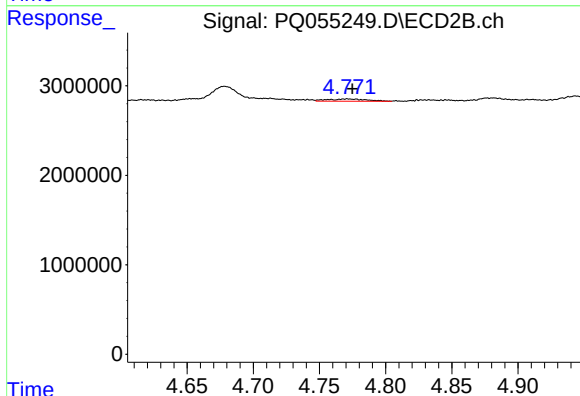
R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 510962
Conc: 1.98 ng/ml



#11 AR-1232-1

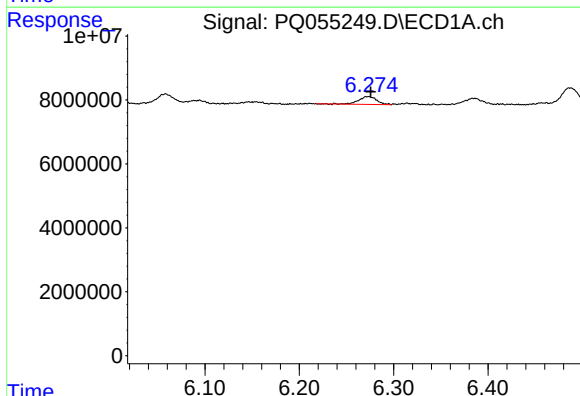
R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



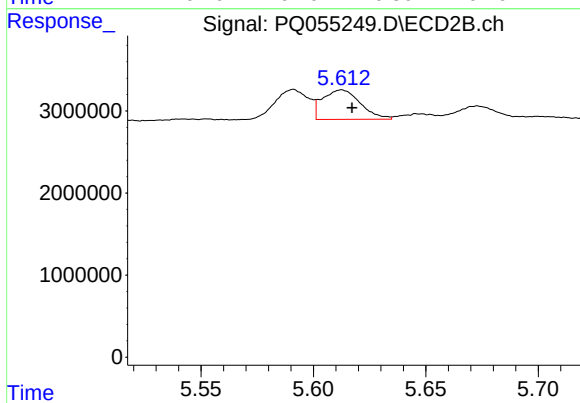
#11 AR-1232-1

R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 510962
Conc: 2.35 ng/ml



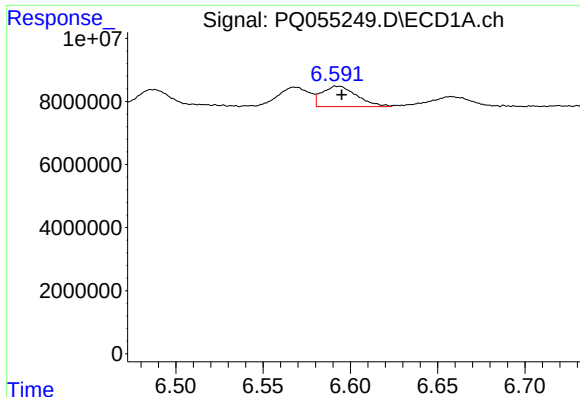
#12 AR-1232-2

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 3267039
Conc: 16.36 ng/ml



#12 AR-1232-2

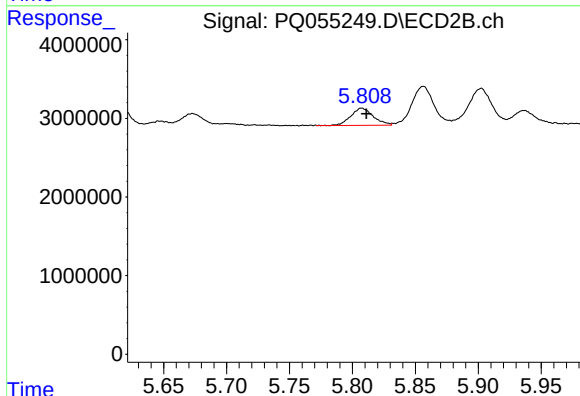
R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 4223789
Conc: 20.05 ng/ml



#13 AR-1232-3

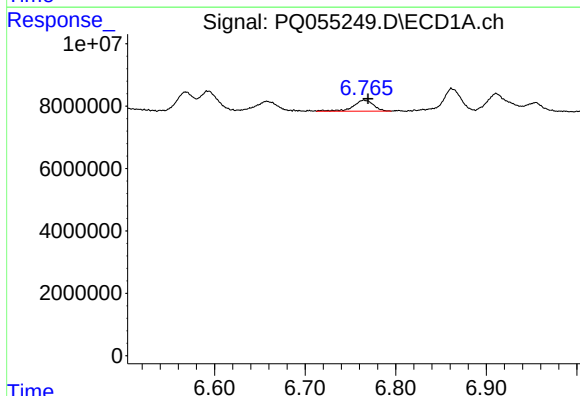
R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 9055378
Conc: 23.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



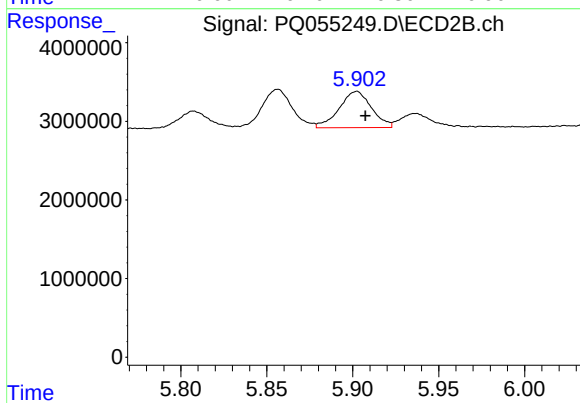
#13 AR-1232-3

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 2737700
Conc: 24.94 ng/ml



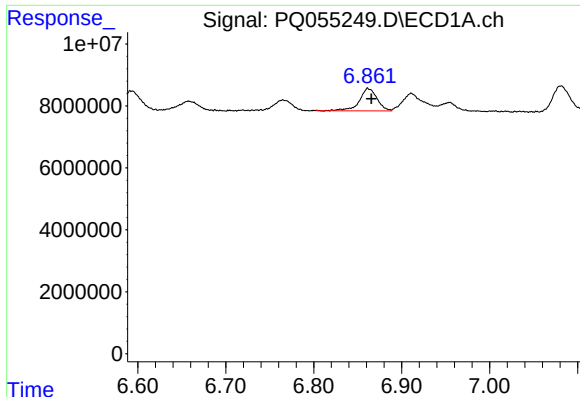
#14 AR-1232-4

R.T.: 6.765 min
Delta R.T.: -0.004 min
Response: 5573989
Conc: 27.22 ng/ml



#14 AR-1232-4

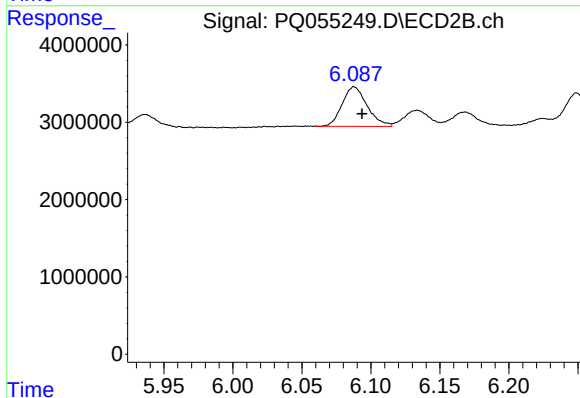
R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 6066177
Conc: 62.49 ng/ml



#15 AR-1232-5

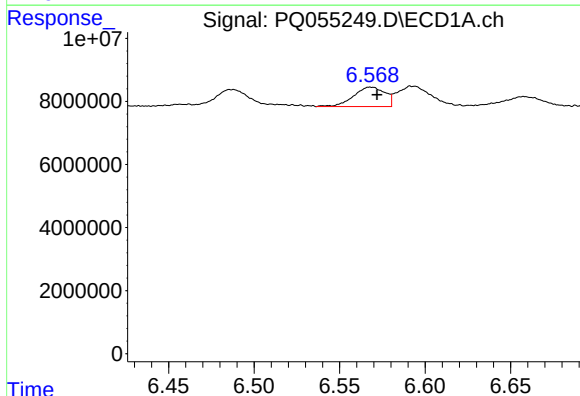
R.T.: 6.862 min
Delta R.T.: -0.004 min
Response: 10135812
Conc: 72.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



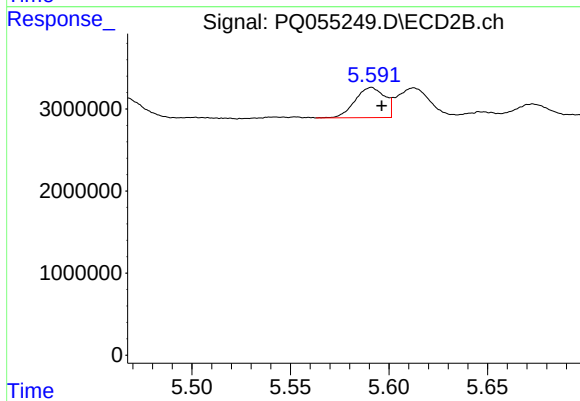
#15 AR-1232-5

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 6472040
Conc: 62.80 ng/ml



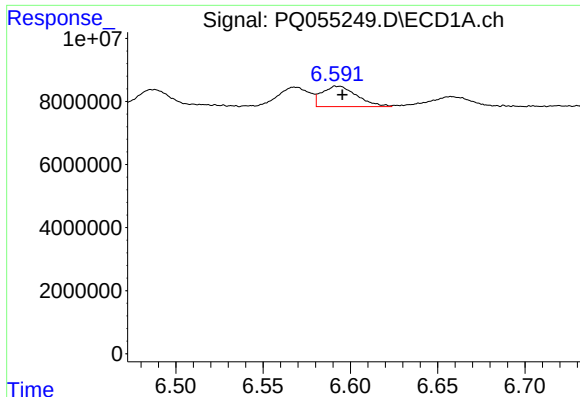
#16 AR-1242-1

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 7883449
Conc: 18.03 ng/ml



#16 AR-1242-1

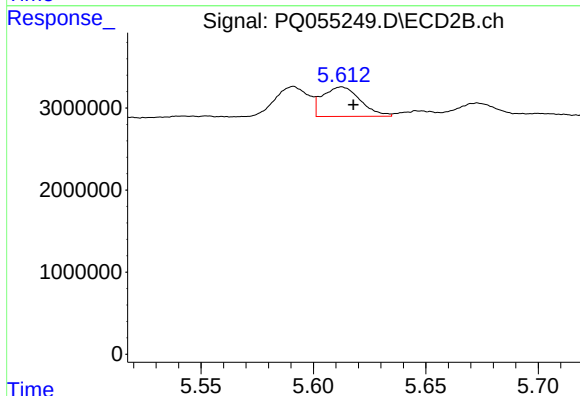
R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 3838770
Conc: 14.41 ng/ml



#17 AR-1242-2

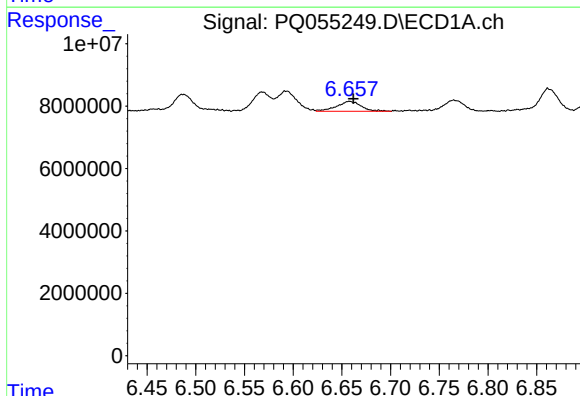
R.T.: 6.593 min
Delta R.T.: -0.003 min
Response: 9055378
Conc: 13.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



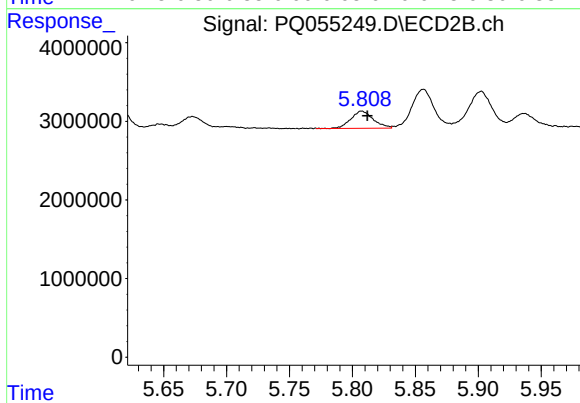
#17 AR-1242-2

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 4223789
Conc: 10.90 ng/ml



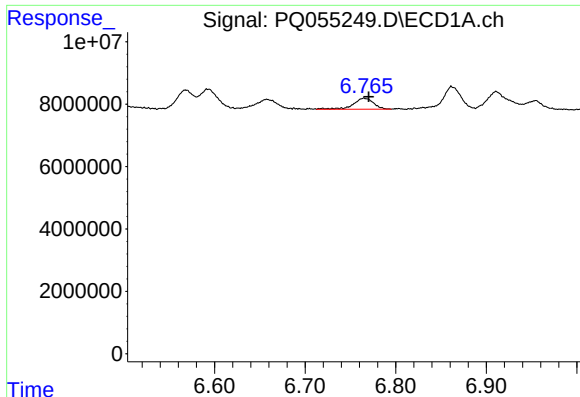
#18 AR-1242-3

R.T.: 6.658 min
Delta R.T.: -0.004 min
Response: 5643063
Conc: 13.34 ng/ml



#18 AR-1242-3

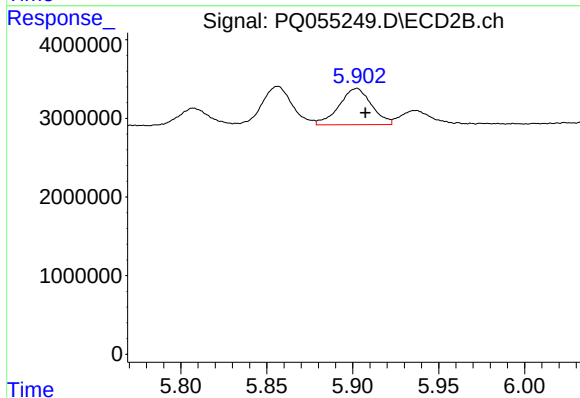
R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 2737700
Conc: 13.58 ng/ml



#19 AR-1242-4

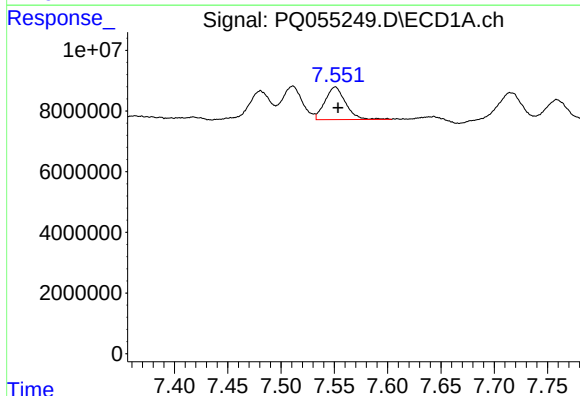
R.T.: 6.765 min
Delta R.T.: -0.005 min
Response: 5573989
Conc: 15.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



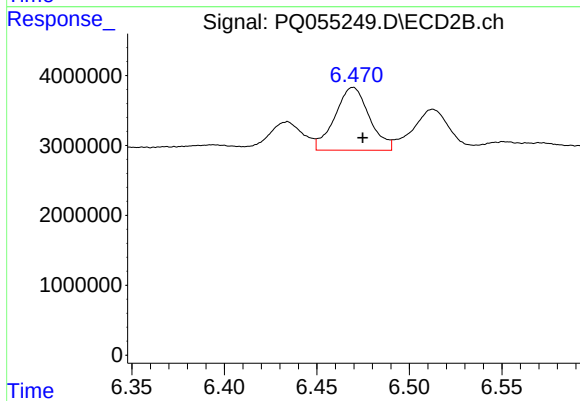
#19 AR-1242-4

R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 6066177
Conc: 30.99 ng/ml



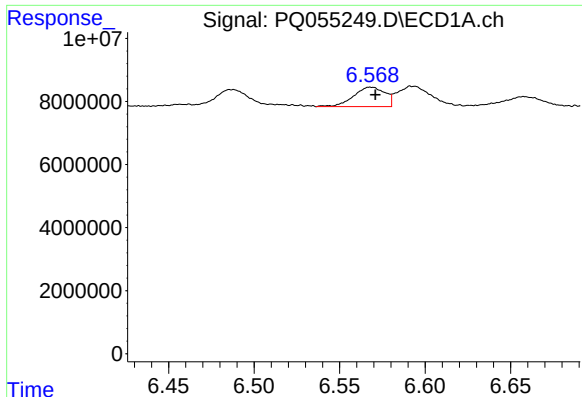
#20 AR-1242-5

R.T.: 7.551 min
Delta R.T.: -0.003 min
Response: 14466740
Conc: 39.61 ng/ml



#20 AR-1242-5

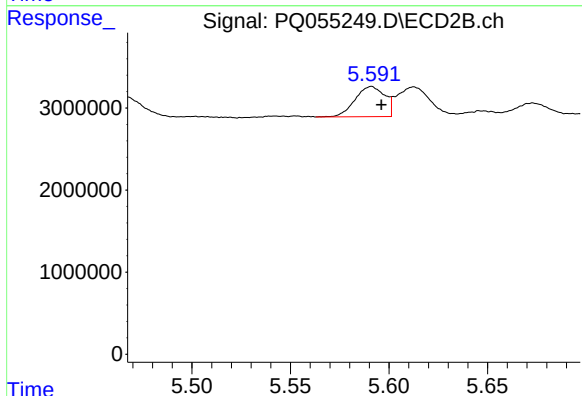
R.T.: 6.470 min
Delta R.T.: -0.005 min
Response: 11635031
Conc: 46.14 ng/ml



#21 AR-1248-1

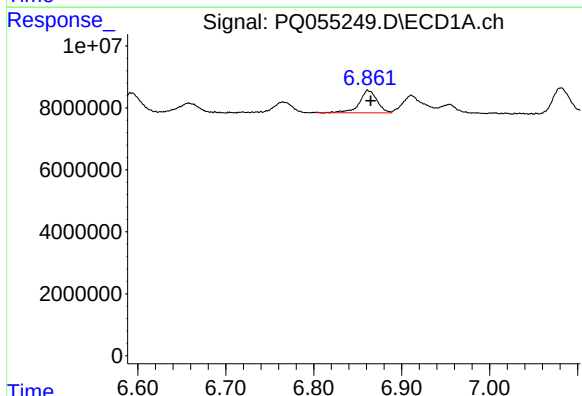
R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 7883449
Conc: 23.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



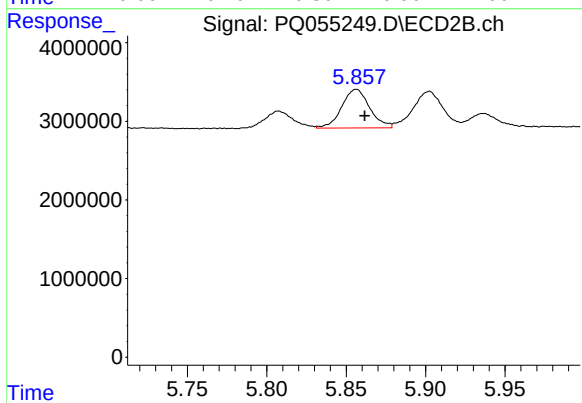
#21 AR-1248-1

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 3838770
Conc: 19.18 ng/ml



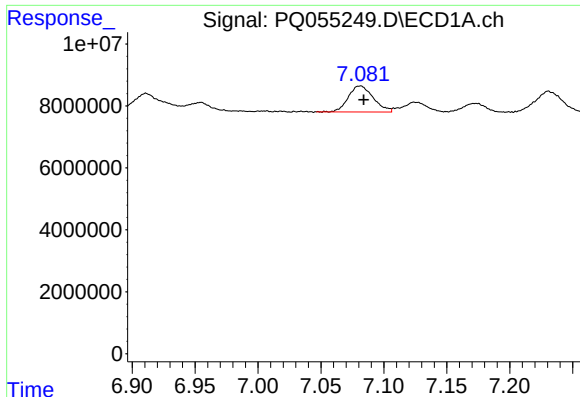
#22 AR-1248-2

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 10135812
Conc: 22.12 ng/ml



#22 AR-1248-2

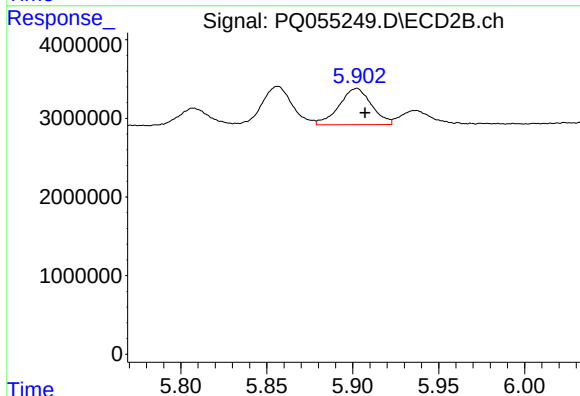
R.T.: 5.856 min
Delta R.T.: -0.005 min
Response: 6050224
Conc: 21.52 ng/ml



#23 AR-1248-3

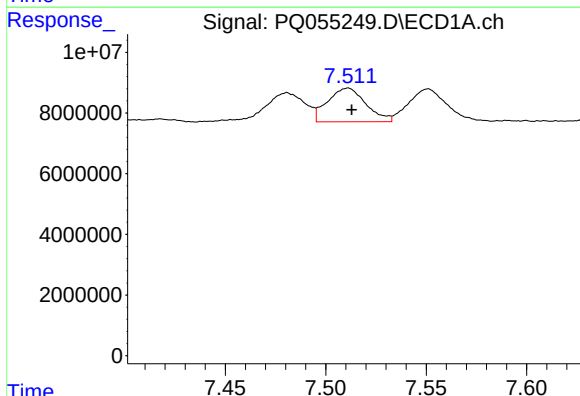
R.T.: 7.081 min
Delta R.T.: -0.003 min
Response: 11568340
Conc: 21.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



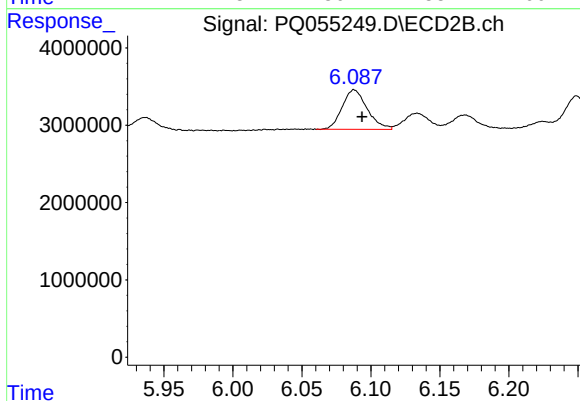
#23 AR-1248-3

R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 6066177
Conc: 20.73 ng/ml



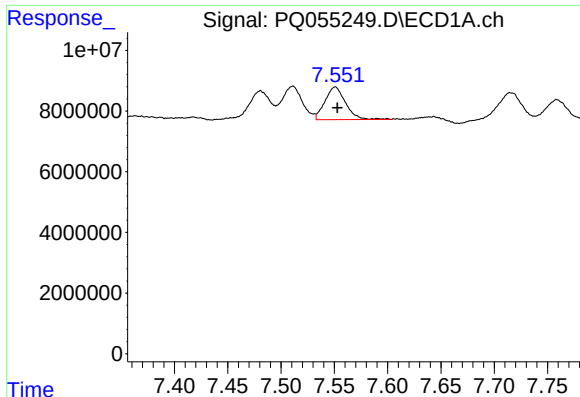
#24 AR-1248-4

R.T.: 7.511 min
Delta R.T.: -0.002 min
Response: 14742242
Conc: 24.30 ng/ml



#24 AR-1248-4

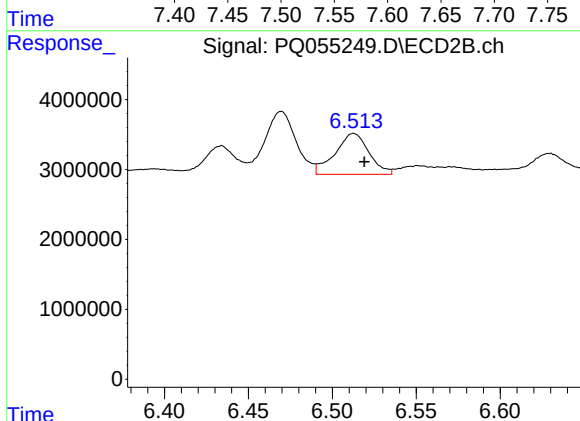
R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 6472040
Conc: 18.59 ng/ml



#25 AR-1248-5

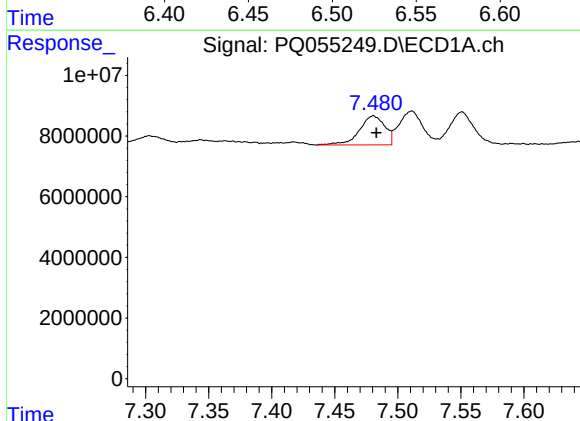
R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 14466740
Conc: 23.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



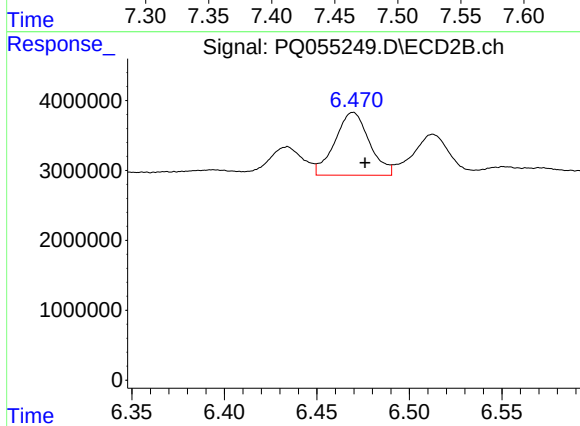
#25 AR-1248-5

R.T.: 6.513 min
Delta R.T.: -0.006 min
Response: 8221641
Conc: 23.63 ng/ml



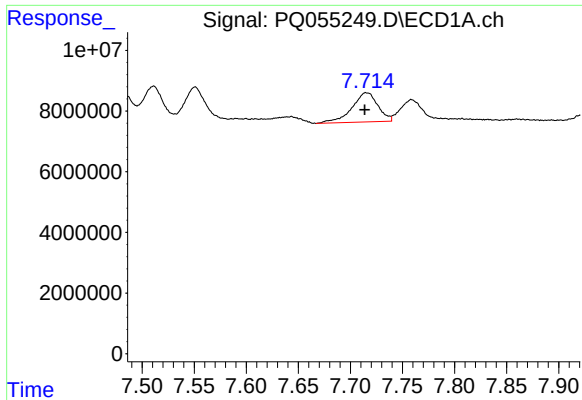
#26 AR-1254-1

R.T.: 7.481 min
Delta R.T.: -0.002 min
Response: 13440455
Conc: 22.89 ng/ml



#26 AR-1254-1

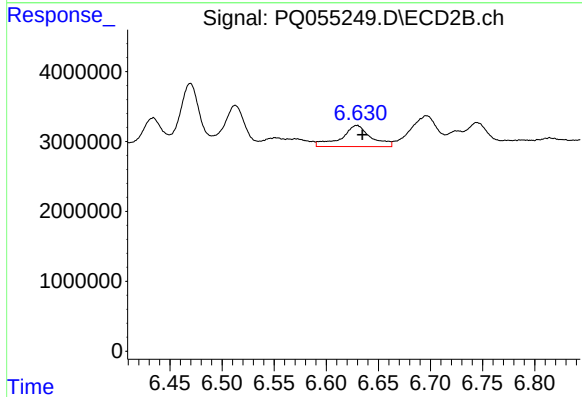
R.T.: 6.470 min
Delta R.T.: -0.006 min
Response: 11635031
Conc: 21.04 ng/ml



#27 AR-1254-2

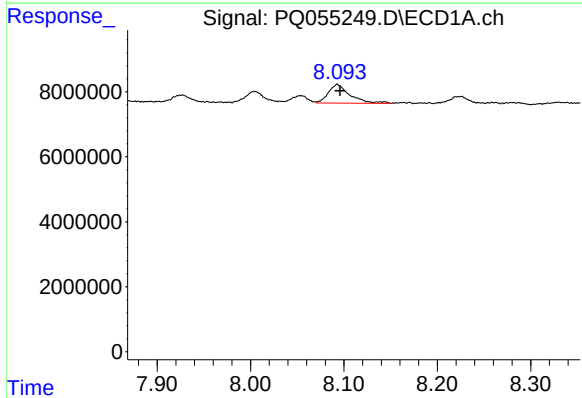
R.T.: 7.715 min
Delta R.T.: 0.002 min
Response: 16755112
Conc: 18.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



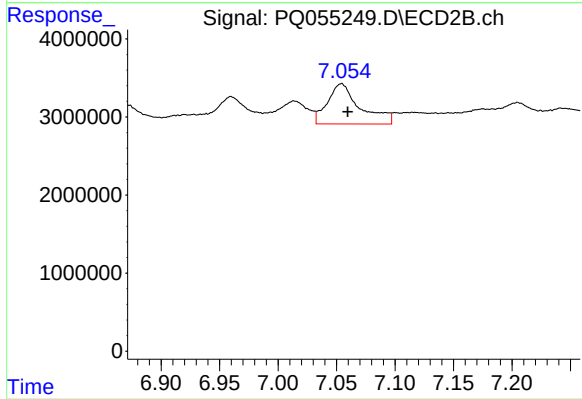
#27 AR-1254-2

R.T.: 6.629 min
Delta R.T.: -0.005 min
Response: 6015338
Conc: 12.71 ng/ml



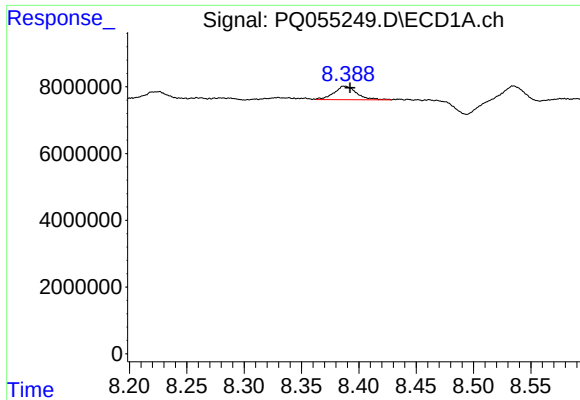
#28 AR-1254-3

R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 9354553
Conc: 9.19 ng/ml



#28 AR-1254-3

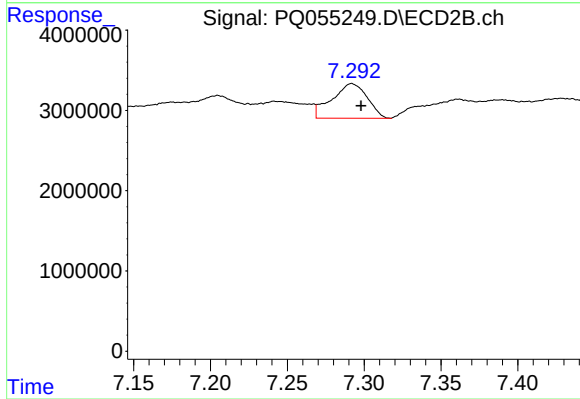
R.T.: 7.054 min
Delta R.T.: -0.006 min
Response: 9994897
Conc: 12.73 ng/ml



#29 AR-1254-4

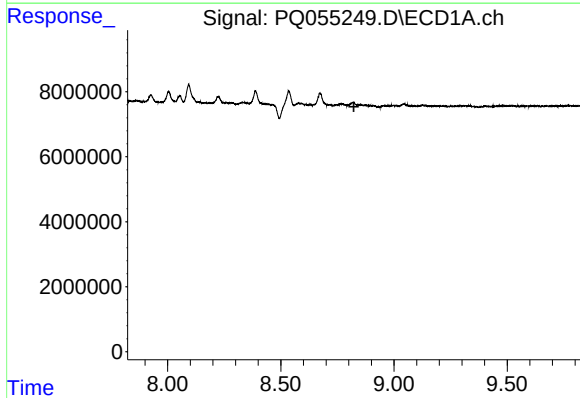
R.T.: 8.388 min
Delta R.T.: -0.005 min
Response: 5570113
Conc: 7.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



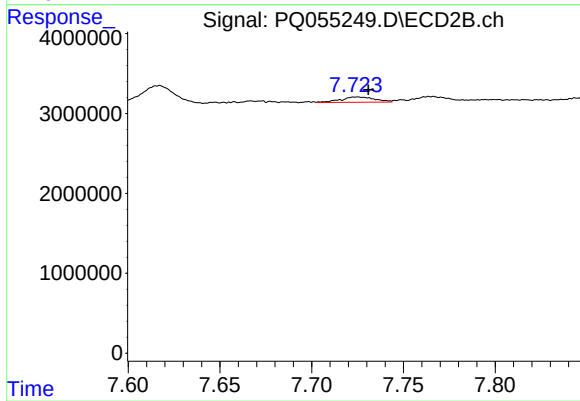
#29 AR-1254-4

R.T.: 7.292 min
Delta R.T.: -0.006 min
Response: 6922223
Conc: 14.51 ng/ml



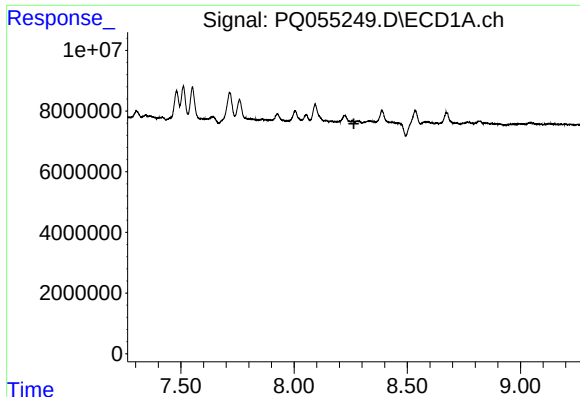
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.823 min
Response: 0
Conc: N.D.



#30 AR-1254-5

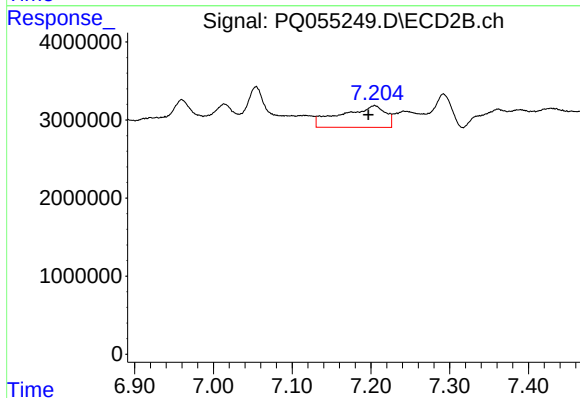
R.T.: 7.725 min
Delta R.T.: -0.006 min
Response: 864922
Conc: 1.29 ng/ml



#31 AR-1260-1

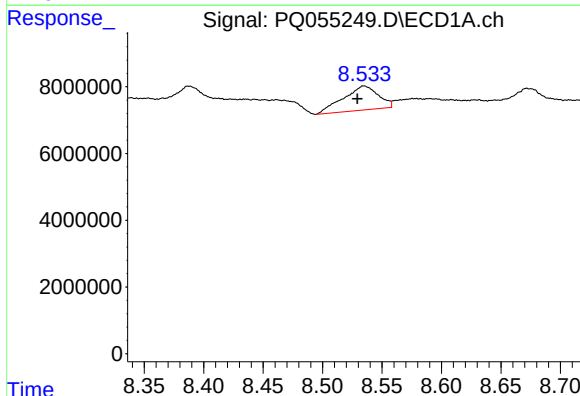
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



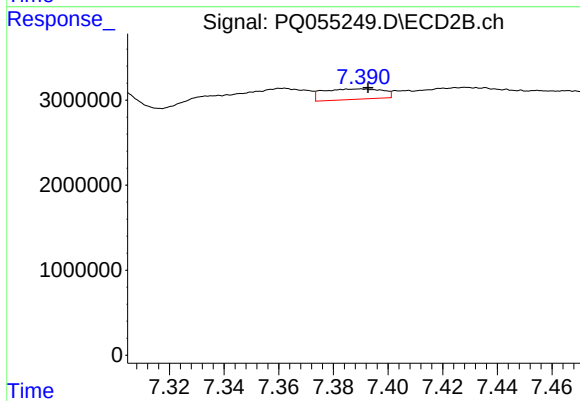
#31 AR-1260-1

R.T.: 7.205 min
Delta R.T.: 0.008 min
Response: 10853128
Conc: 21.65 ng/ml



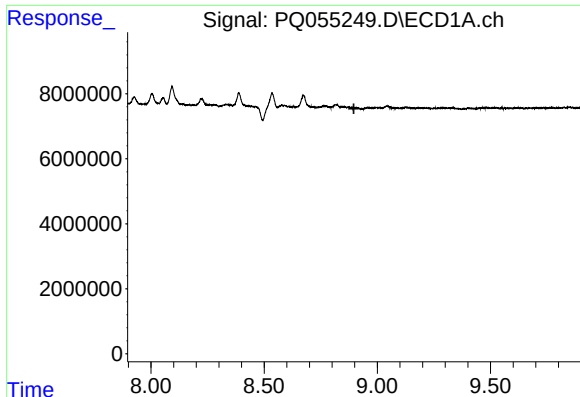
#32 AR-1260-2

R.T.: 8.535 min
Delta R.T.: 0.006 min
Response: 14770511
Conc: 17.80 ng/ml



#32 AR-1260-2

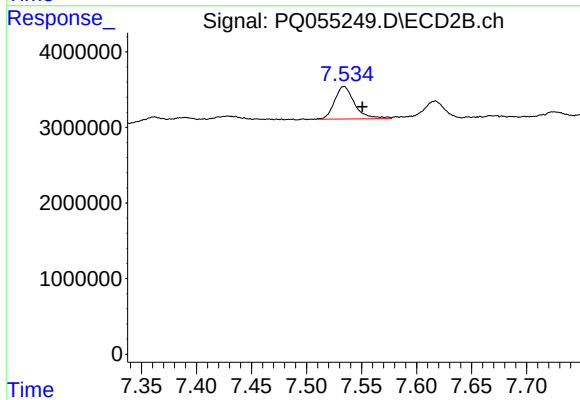
R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 1855340
Conc: 3.07 ng/ml



#33 AR-1260-3

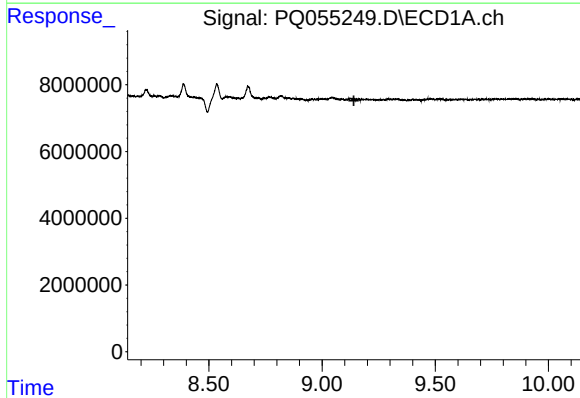
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



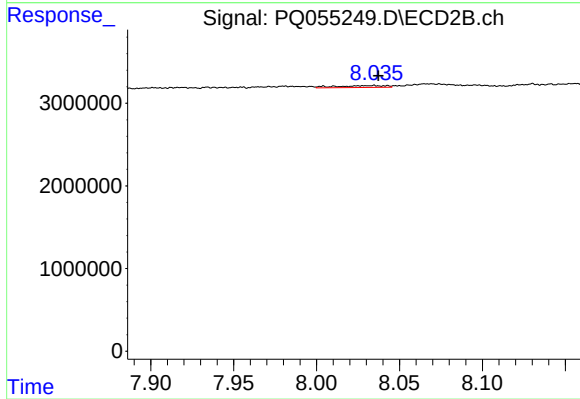
#33 AR-1260-3

R.T.: 7.534 min
Delta R.T.: -0.017 min
Response: 5485471
Conc: 9.60 ng/ml



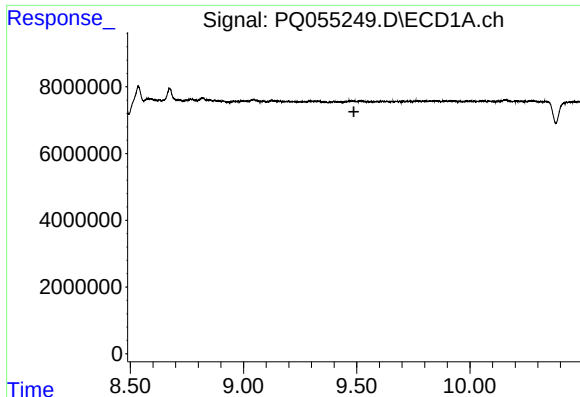
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.140 min
Response: 0
Conc: N.D.



#34 AR-1260-4

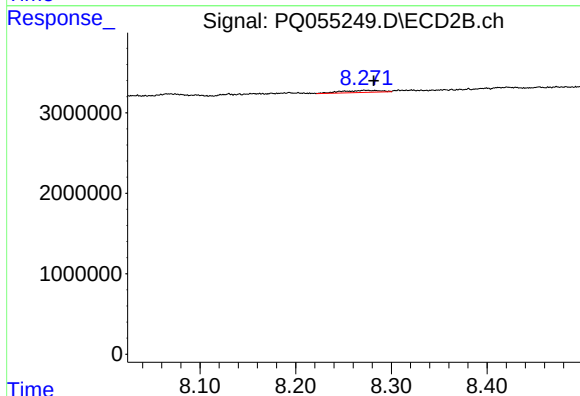
R.T.: 8.035 min
Delta R.T.: -0.003 min
Response: 463154
Conc: 0.98 ng/ml



#35 AR-1260-5

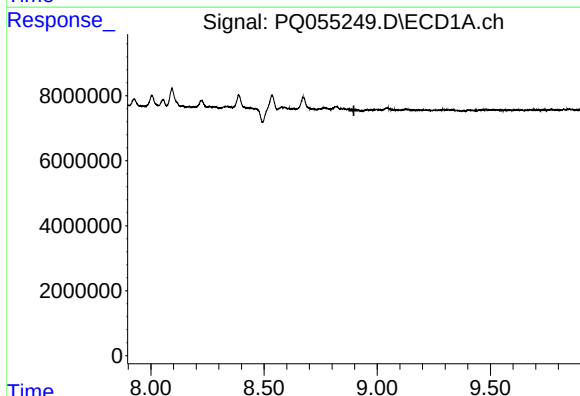
R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



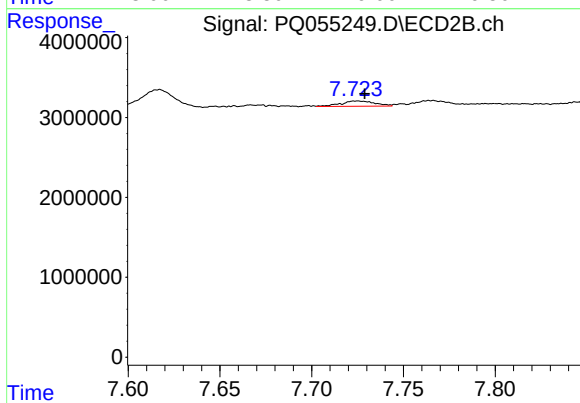
#35 AR-1260-5

R.T.: 8.272 min
Delta R.T.: -0.010 min
Response: 749494
Conc: 0.65 ng/ml



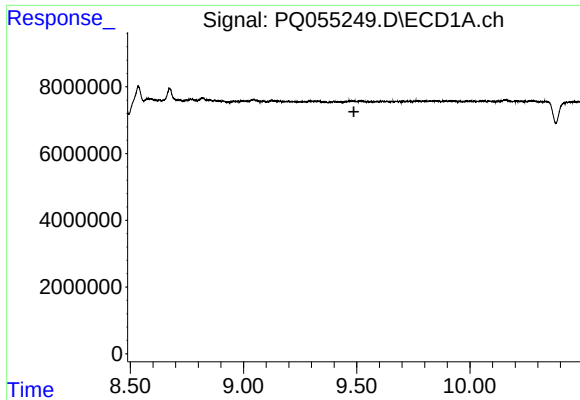
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.



#36 AR-1262-1

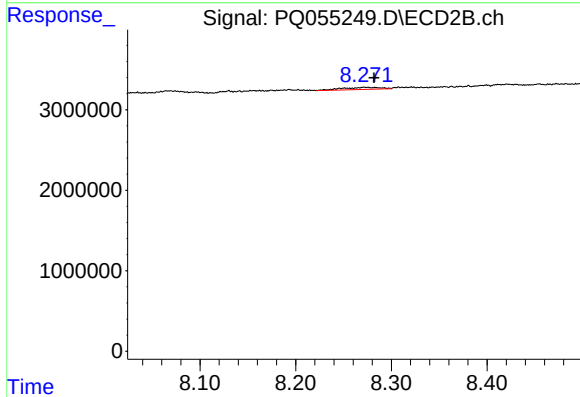
R.T.: 7.725 min
Delta R.T.: -0.004 min
Response: 864922
Conc: 2.54 ng/ml



#37 AR-1262-2

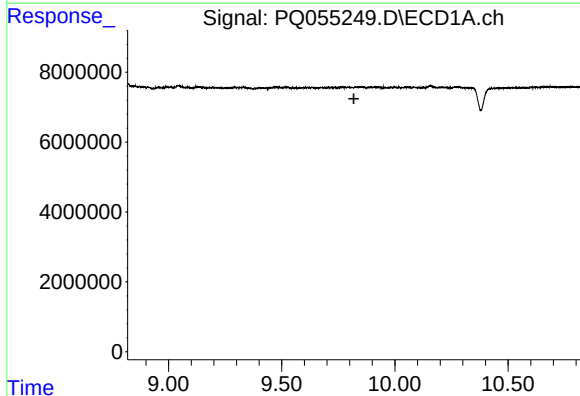
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



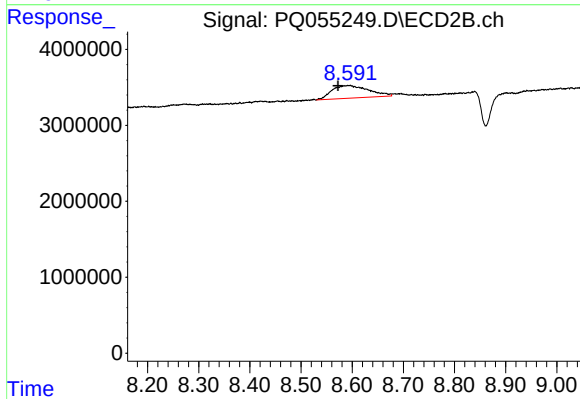
#37 AR-1262-2

R.T.: 8.272 min
Delta R.T.: -0.010 min
Response: 749494
Conc: 0.61 ng/ml



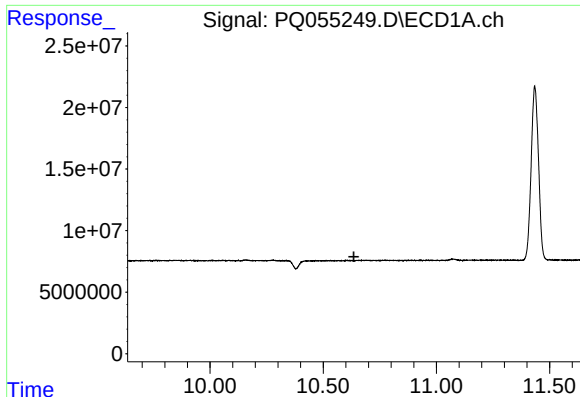
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.



#38 AR-1262-3

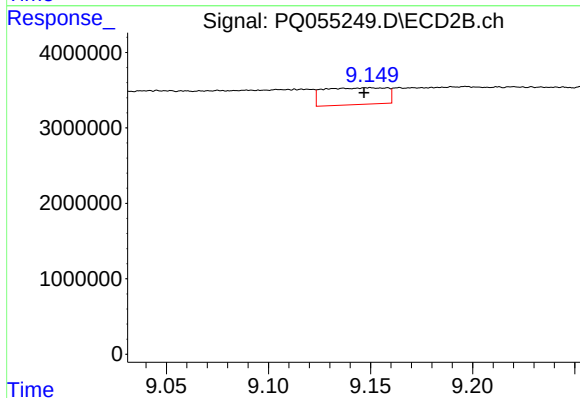
R.T.: 8.594 min
Delta R.T.: 0.022 min
Response: 8288003
Conc: 17.93 ng/ml



#40 AR-1262-5

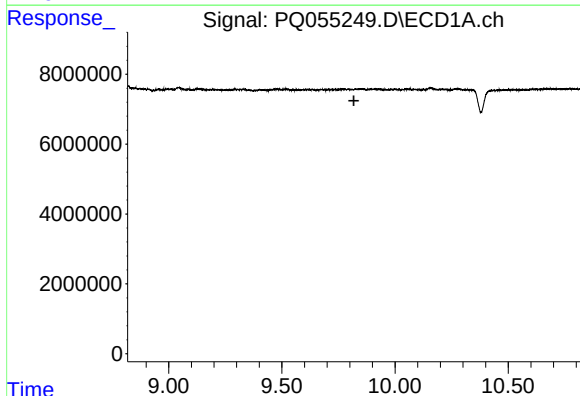
R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



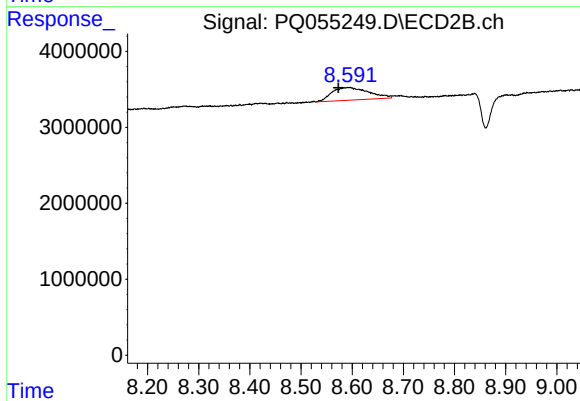
#40 AR-1262-5

R.T.: 9.149 min
Delta R.T.: 0.003 min
Response: 4781438
Conc: 11.91 ng/ml



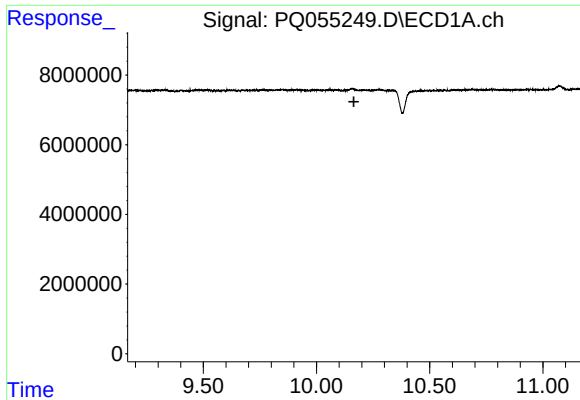
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.818 min
Response: 0
Conc: N.D.



#41 AR-1268-1

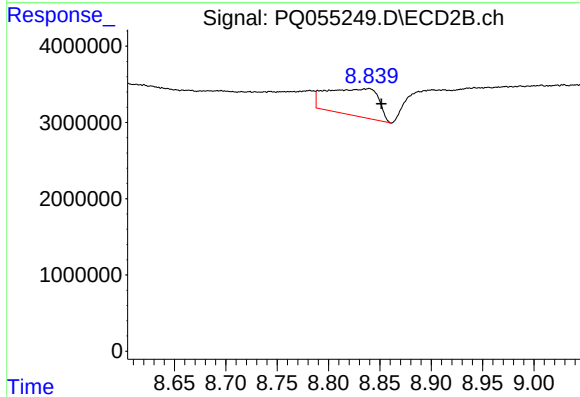
R.T.: 8.594 min
Delta R.T.: 0.021 min
Response: 8288003
Conc: 5.86 ng/ml



#43 AR-1268-3

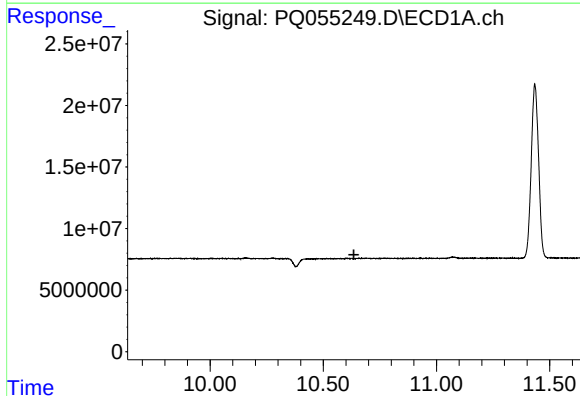
R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



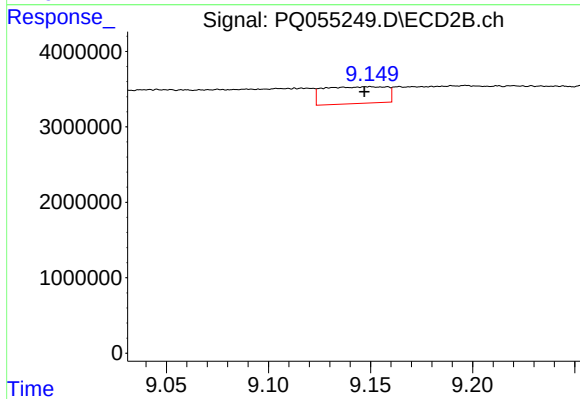
#43 AR-1268-3

R.T.: 8.839 min
Delta R.T.: -0.012 min
Response: 12314899
Conc: 11.26 ng/ml



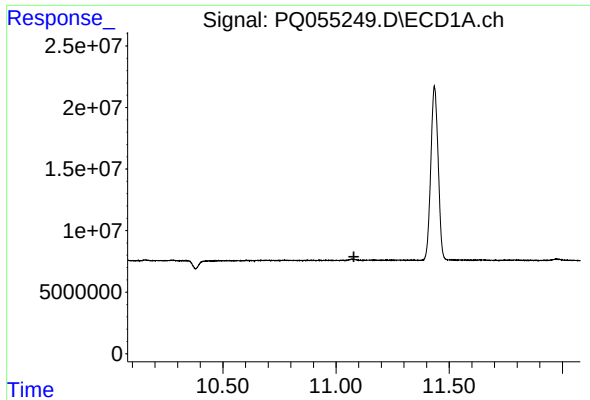
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.



#44 AR-1268-4

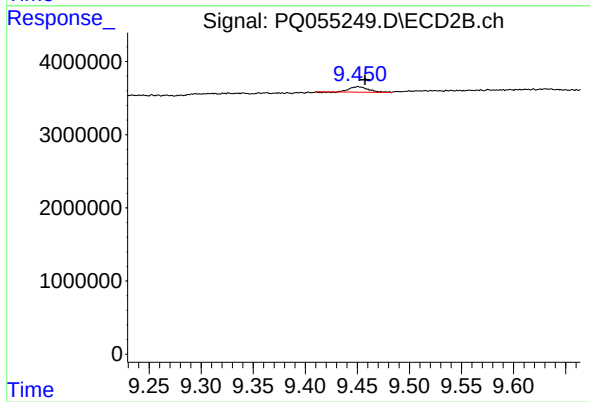
R.T.: 9.149 min
Delta R.T.: 0.003 min
Response: 4781438
Conc: 10.58 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.451 min
Delta R.T.: -0.007 min
Response: 923105
Conc: 0.26 ng/ml