

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055215.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 18:42
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 23:05:12 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	4.320	343.5E6	199.4E6	19.535	19.390
2)	SA Decachlor...	11.438	9.726	347.8E6	183.3E6	22.052	20.471
Target Compounds							
3)	L1 AR-1016-1	6.570	5.593	8960280	4798865	15.197	13.386
4)	L1 AR-1016-2	6.593	5.614	13269370	7498572	14.761	14.565
5)	L1 AR-1016-3	6.660	5.808	10363831	3985065	18.456	14.881
6)	L1 AR-1016-4	6.768	5.857	8721960	2812168	18.266	12.964 #
7)	L1 AR-1016-5	7.083	6.090	7091117	3287929	16.268	12.011 #
8)	L2 AR-1221-1	5.498	4.580	18693129	2162622	89.672	20.050 #
9)	L2 AR-1221-2	5.599	4.681	8021795	4174610	45.844	53.870
10)	L2 AR-1221-3	5.682	4.772	15632702	7010996	34.760	27.224
11)	L3 AR-1232-1	5.682	4.772	15632702	7010996	41.173	32.259
12)	L3 AR-1232-2	6.273	5.614	7409494	7498572	37.108	35.592
13)	L3 AR-1232-3	6.593	5.808	13269370	3985065	34.839	36.310
14)	L3 AR-1232-4	6.768	5.903	8721960	3352702	42.594	34.538
15)	L3 AR-1232-5	6.862	6.090	4469640	3287929	32.145	31.901
16)	L4 AR-1242-1	6.570	5.593	8960280	4798865	20.492	18.014
17)	L4 AR-1242-2	6.593	5.614	13269370	7498572	19.763	19.360
18)	L4 AR-1242-3	6.660	5.808	10363831	3985065	24.503	19.762
19)	L4 AR-1242-4	6.768	5.903	8721960	3352702	24.471	17.126 #
20)	L4 AR-1242-5	7.550	6.470	8689125	6034180	23.788	23.931
21)	L5 AR-1248-1	6.570	5.593	8960280	4798865	26.346	23.976
22)	L5 AR-1248-2	6.862	5.857	4469640	2812168	9.753	10.002
23)	L5 AR-1248-3	7.083	5.903	7091117	3352702	13.149	11.460
24)	L5 AR-1248-4	7.512	6.090	6954392	3287929	11.461	9.445
25)	L5 AR-1248-5	7.550	6.513	8689125	5504181	14.198	15.818
26)	L6 AR-1254-1	7.482	6.470	7803902	6034180	13.293	10.909
27)	L6 AR-1254-2	7.718	6.629	8539258	3442272	9.422	7.274
28)	L6 AR-1254-3	0.000	7.057	0	5870372	N.D.	7.477 #
29)	L6 AR-1254-4	0.000	7.294	0	4989666	N.D.	10.457 #
30)	L6 AR-1254-5	0.000	7.725	0	362185	N.D.	0.541 #
31)	L7 AR-1260-1	0.000	7.207	0	8825109	N.D.	17.606 #
32)	L7 AR-1260-2	8.535	7.393	12661920	2274661	15.258	3.762 #
33)	L7 AR-1260-3	0.000	7.536	0	2497800	N.D.	4.373 #
34)	L7 AR-1260-4	0.000	8.015f	0	303194	N.D.	0.640 #
35)	L7 AR-1260-5	0.000	8.274	0	1087730	N.D.	0.942 #
36)	L8 AR-1262-1	0.000	7.725	0	362185	N.D.	1.065 #
37)	L8 AR-1262-2	0.000	8.274	0	1087730	N.D.	0.883 #
38)	L8 AR-1262-3	0.000	8.591f	0	11109366	N.D.	24.035 #
41)	L9 AR-1268-1	0.000	8.591f	0	11109366	N.D.	7.852 #
43)	L9 AR-1268-3	0.000	8.848	0	876012	N.D.	0.801 #
45)	L9 AR-1268-5	0.000	9.452	0	1029134	N.D.	0.291 #

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Instrument :
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ClientSampleId :

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Integration File signal 2: autoint2.e
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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

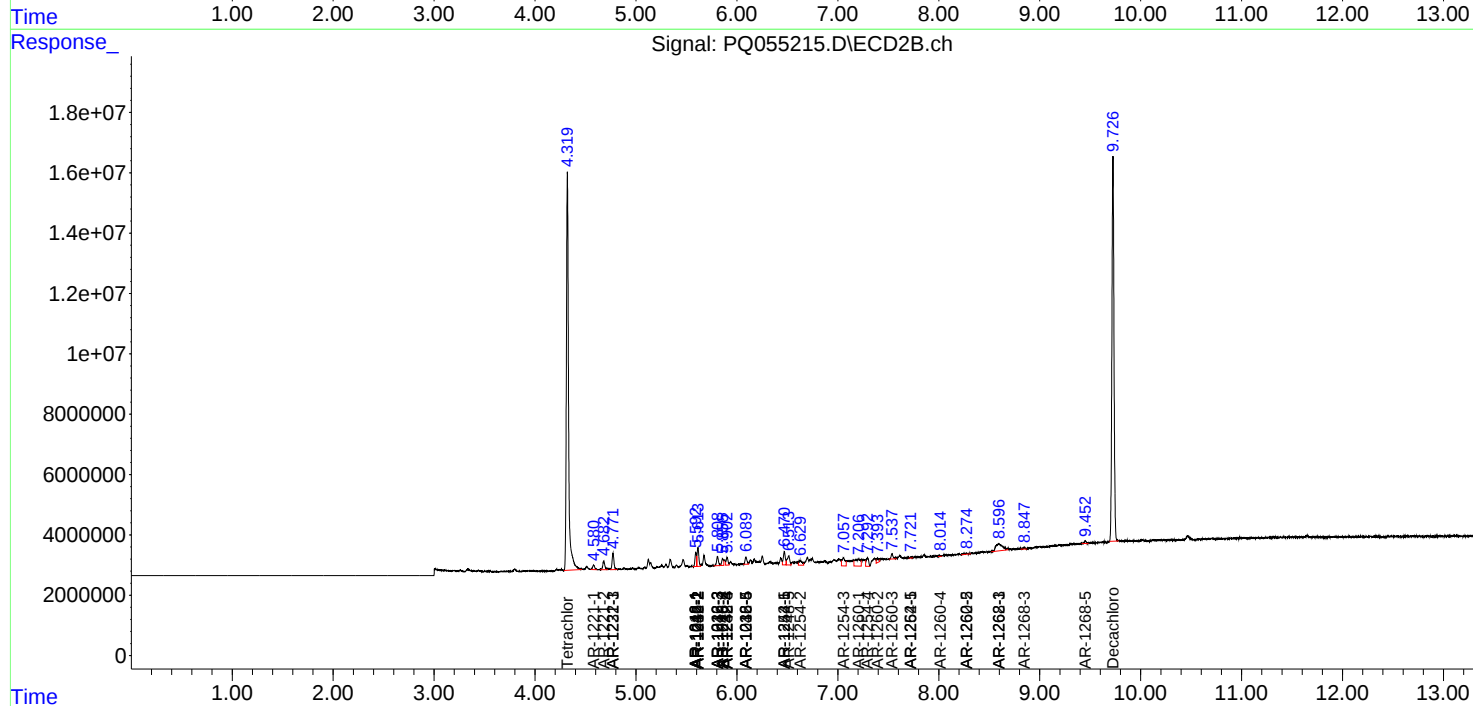
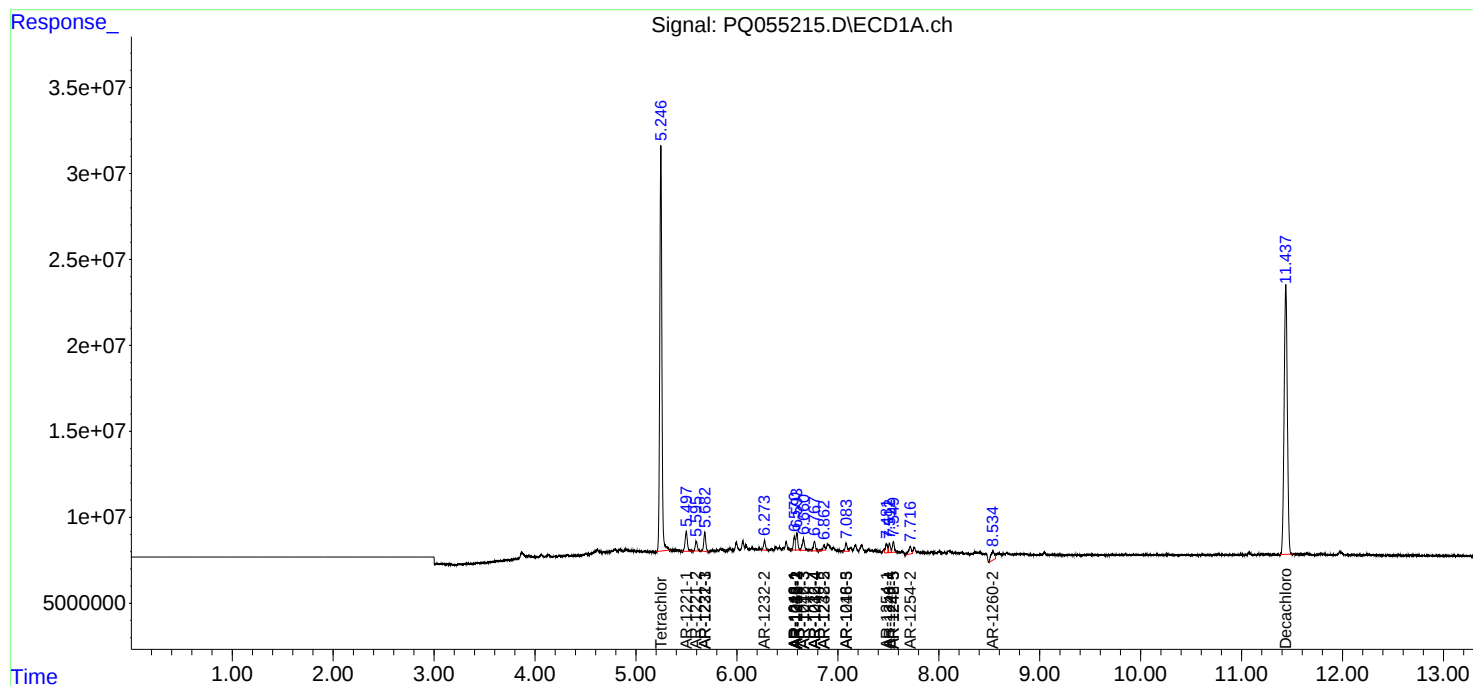
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

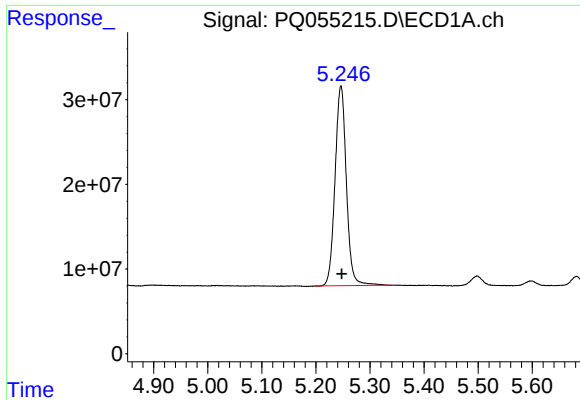
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
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Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

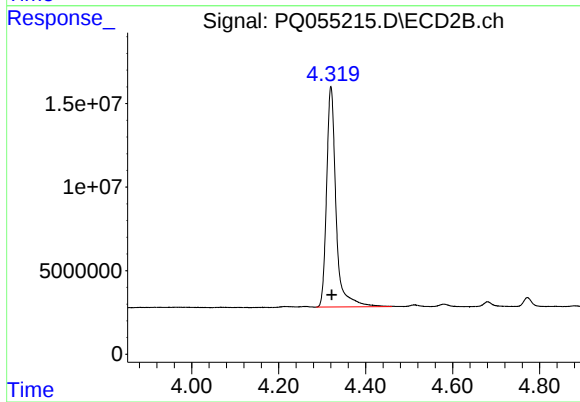




#1 Tetrachloro-m-xylene

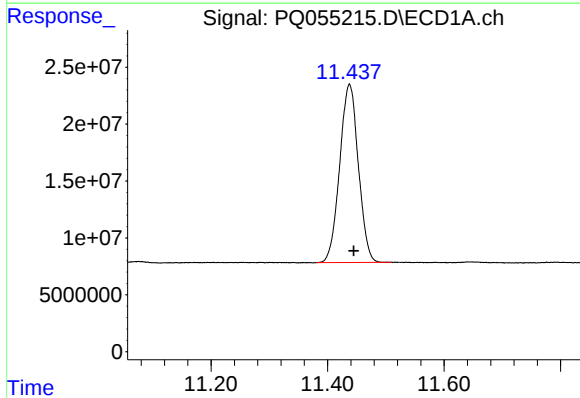
R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 343469686
Conc: 19.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



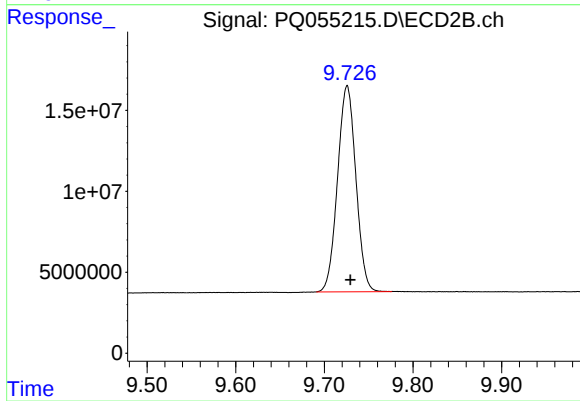
#1 Tetrachloro-m-xylene

R.T.: 4.320 min
Delta R.T.: -0.002 min
Response: 199392317
Conc: 19.39 ng/ml



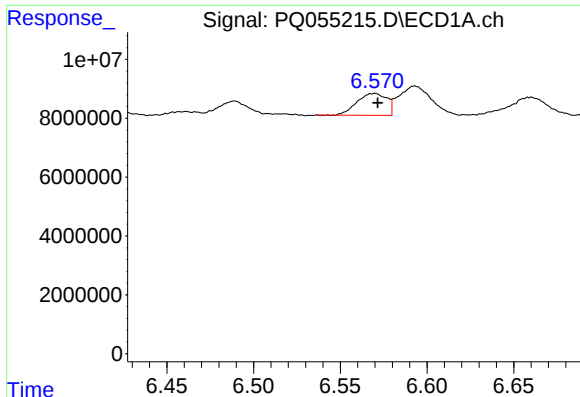
#2 Decachlorobiphenyl

R.T.: 11.438 min
Delta R.T.: -0.007 min
Response: 347819692
Conc: 22.05 ng/ml



#2 Decachlorobiphenyl

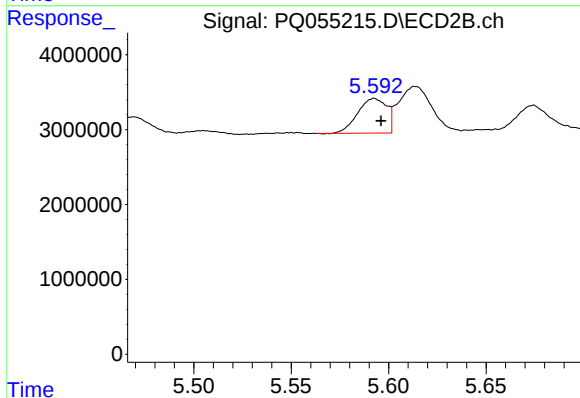
R.T.: 9.726 min
Delta R.T.: -0.004 min
Response: 183302827
Conc: 20.47 ng/ml



#3 AR-1016-1

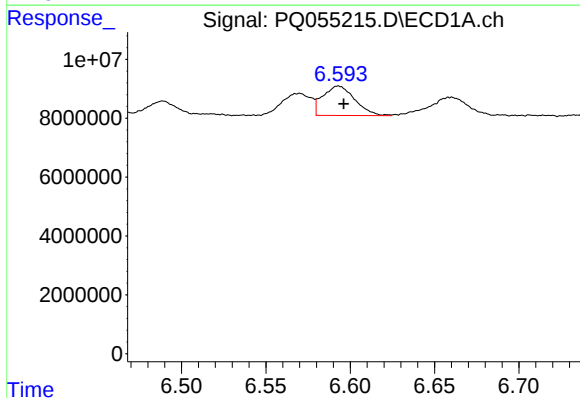
R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 8960280
Conc: 15.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



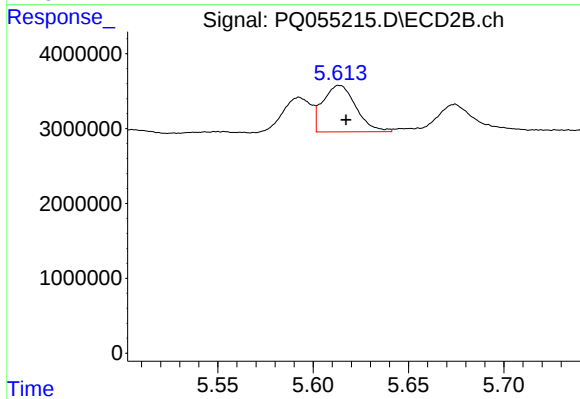
#3 AR-1016-1

R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 4798865
Conc: 13.39 ng/ml



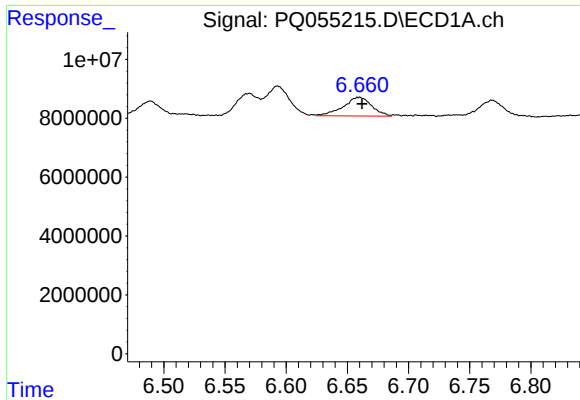
#4 AR-1016-2

R.T.: 6.593 min
Delta R.T.: -0.003 min
Response: 13269370
Conc: 14.76 ng/ml



#4 AR-1016-2

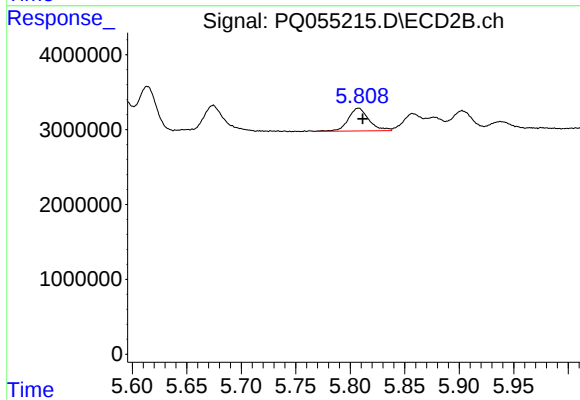
R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 7498572
Conc: 14.57 ng/ml



#5 AR-1016-3

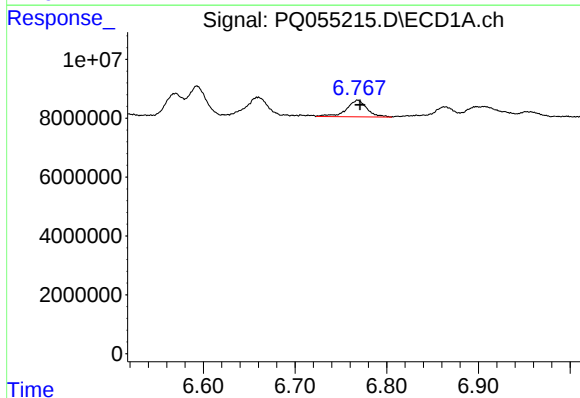
R.T.: 6.660 min
Delta R.T.: -0.002 min
Response: 10363831
Conc: 18.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



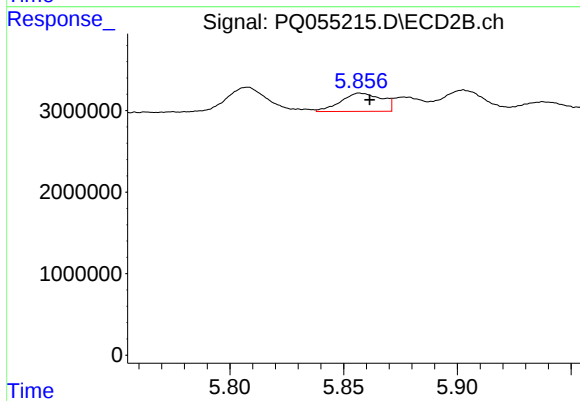
#5 AR-1016-3

R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 3985065
Conc: 14.88 ng/ml



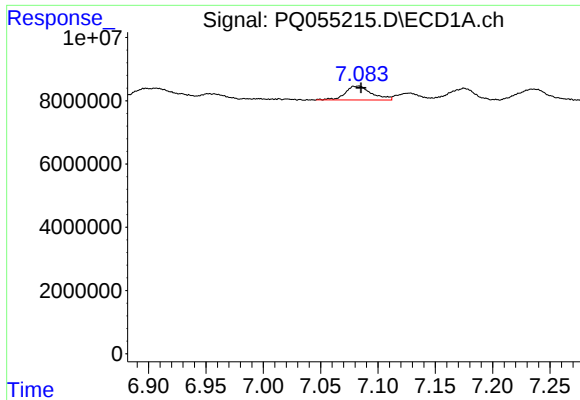
#6 AR-1016-4

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 8721960
Conc: 18.27 ng/ml



#6 AR-1016-4

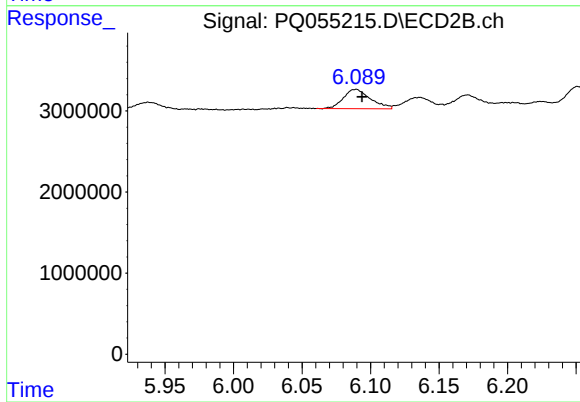
R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 2812168
Conc: 12.96 ng/ml



#7 AR-1016-5

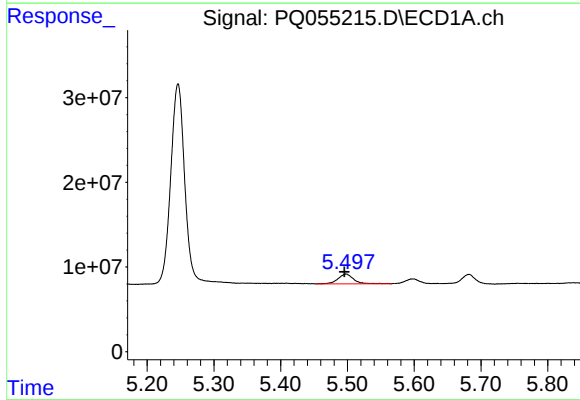
R.T.: 7.083 min
Delta R.T.: -0.002 min
Response: 7091117
Conc: 16.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



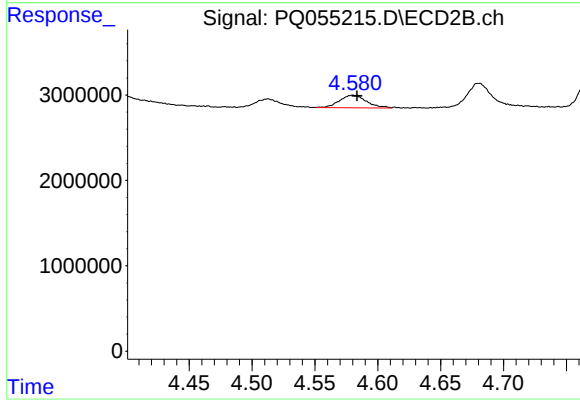
#7 AR-1016-5

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 3287929
Conc: 12.01 ng/ml



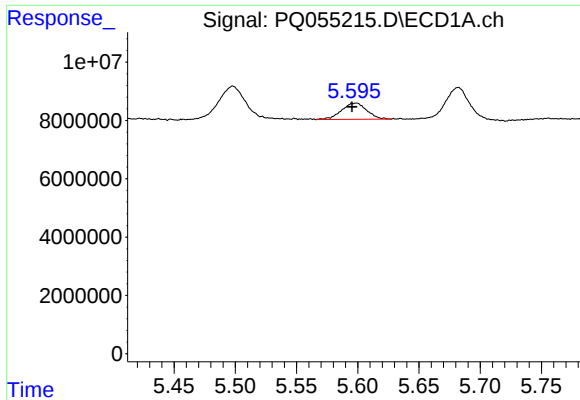
#8 AR-1221-1

R.T.: 5.498 min
Delta R.T.: 0.003 min
Response: 18693129
Conc: 89.67 ng/ml



#8 AR-1221-1

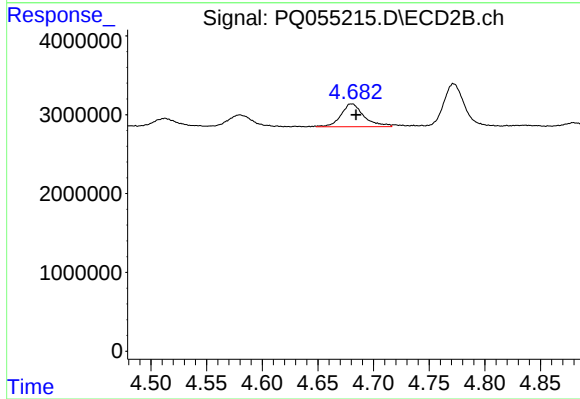
R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 2162622
Conc: 20.05 ng/ml



#9 AR-1221-2

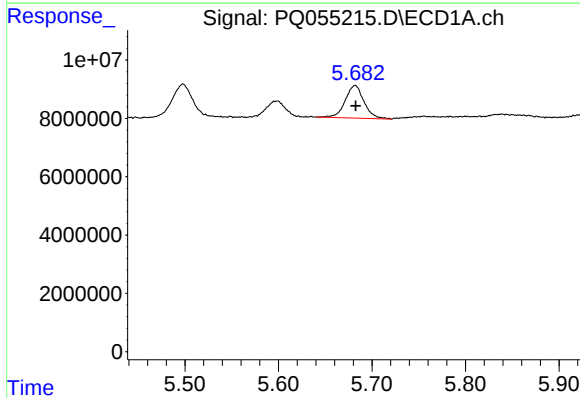
R.T.: 5.599 min
Delta R.T.: 0.004 min
Response: 8021795
Conc: 45.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



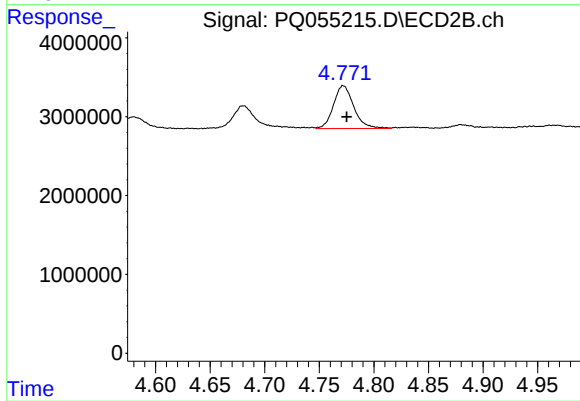
#9 AR-1221-2

R.T.: 4.681 min
Delta R.T.: -0.003 min
Response: 4174610
Conc: 53.87 ng/ml



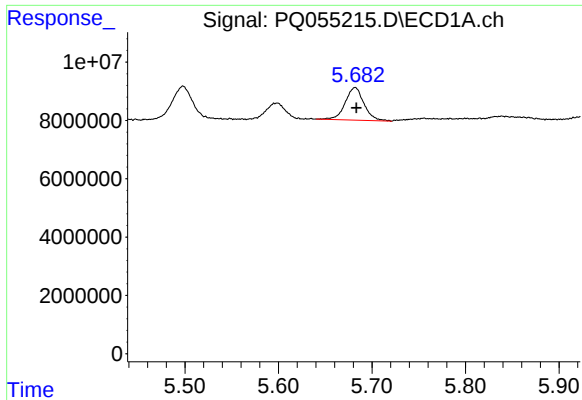
#10 AR-1221-3

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 15632702
Conc: 34.76 ng/ml



#10 AR-1221-3

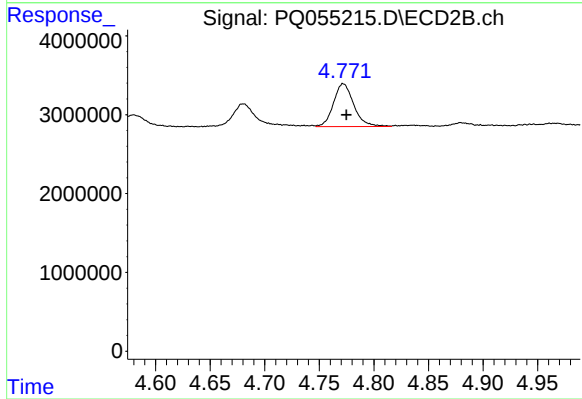
R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 7010996
Conc: 27.22 ng/ml



#11 AR-1232-1

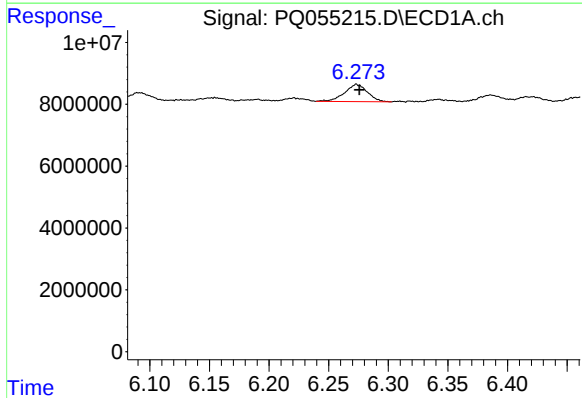
R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 15632702
Conc: 41.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



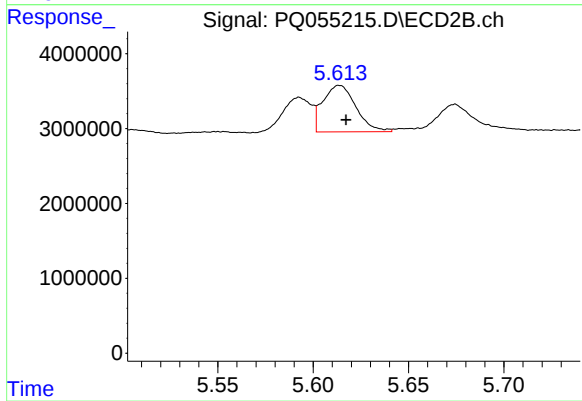
#11 AR-1232-1

R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 7010996
Conc: 32.26 ng/ml



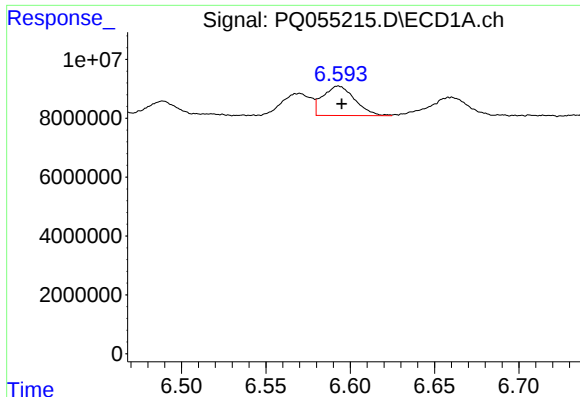
#12 AR-1232-2

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 7409494
Conc: 37.11 ng/ml



#12 AR-1232-2

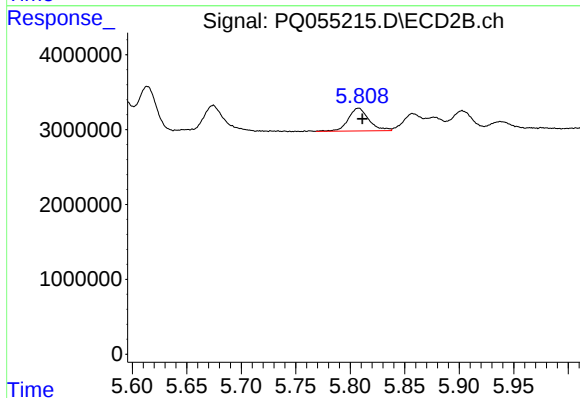
R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 7498572
Conc: 35.59 ng/ml



#13 AR-1232-3

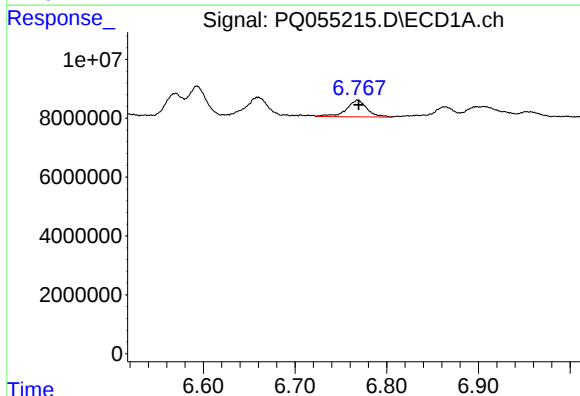
R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 13269370
Conc: 34.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



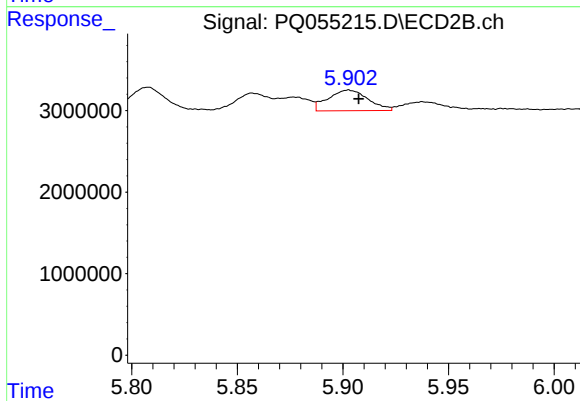
#13 AR-1232-3

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 3985065
Conc: 36.31 ng/ml



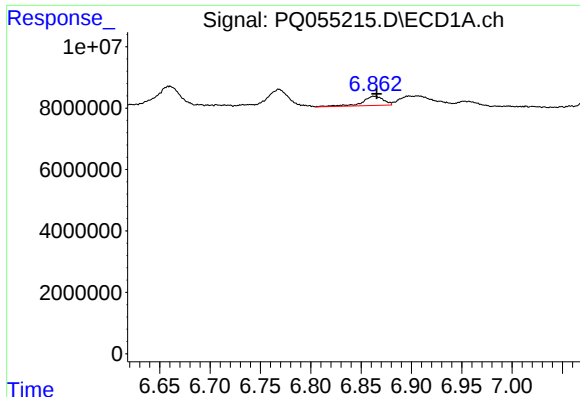
#14 AR-1232-4

R.T.: 6.768 min
Delta R.T.: -0.001 min
Response: 8721960
Conc: 42.59 ng/ml



#14 AR-1232-4

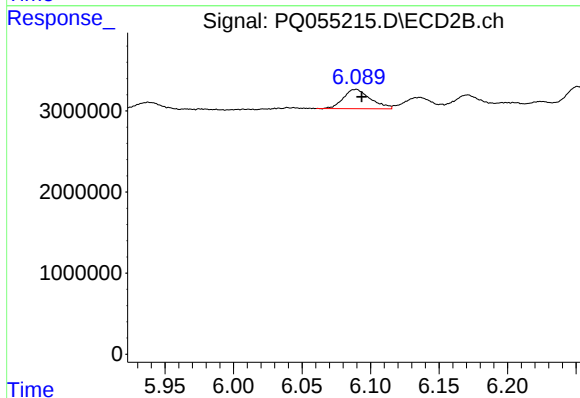
R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 3352702
Conc: 34.54 ng/ml



#15 AR-1232-5

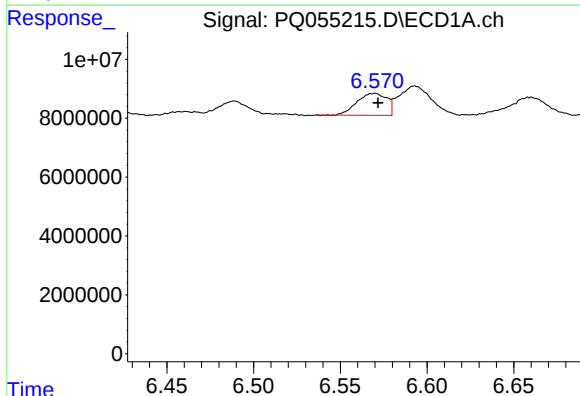
R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 4469640
Conc: 32.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



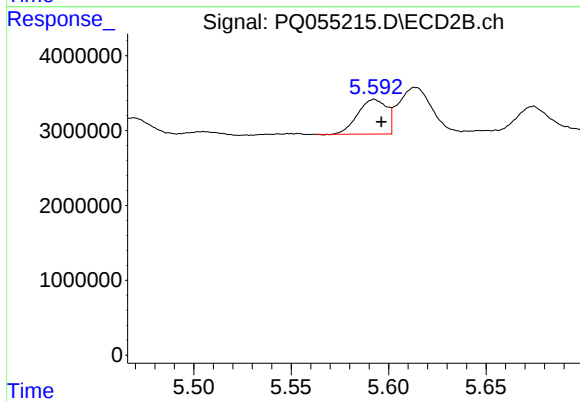
#15 AR-1232-5

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 3287929
Conc: 31.90 ng/ml



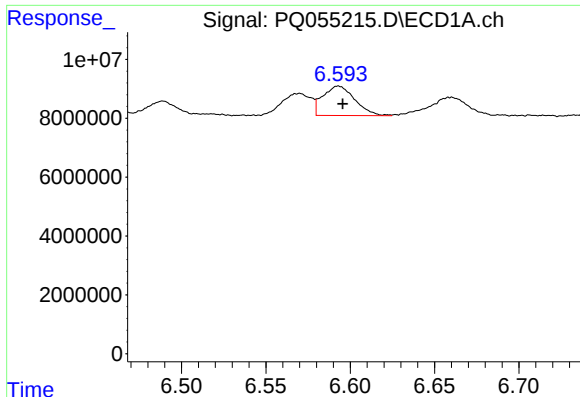
#16 AR-1242-1

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 8960280
Conc: 20.49 ng/ml



#16 AR-1242-1

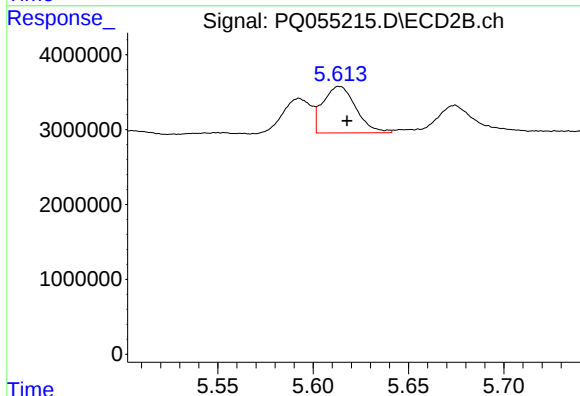
R.T.: 5.593 min
Delta R.T.: -0.004 min
Response: 4798865
Conc: 18.01 ng/ml



#17 AR-1242-2

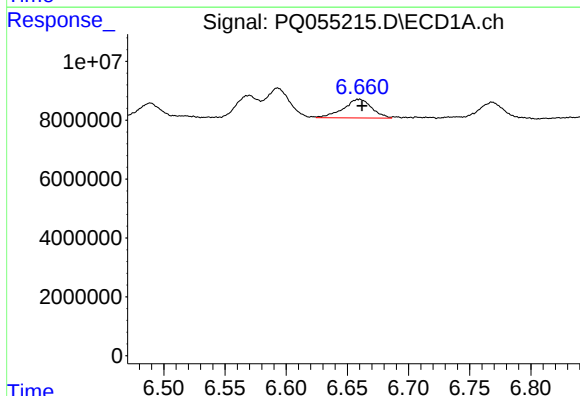
R.T.: 6.593 min
Delta R.T.: -0.003 min
Response: 13269370
Conc: 19.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



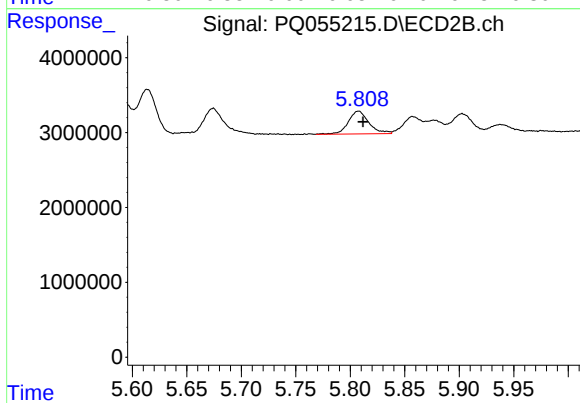
#17 AR-1242-2

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 7498572
Conc: 19.36 ng/ml



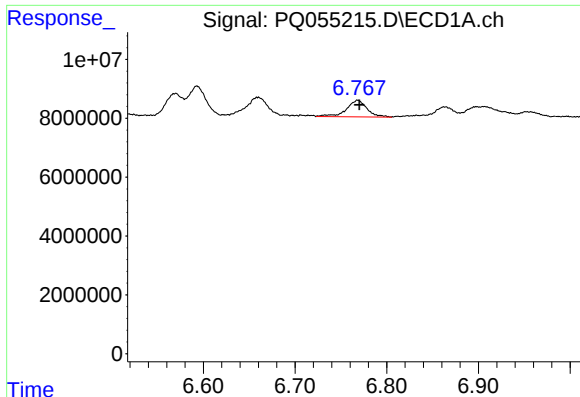
#18 AR-1242-3

R.T.: 6.660 min
Delta R.T.: -0.002 min
Response: 10363831
Conc: 24.50 ng/ml



#18 AR-1242-3

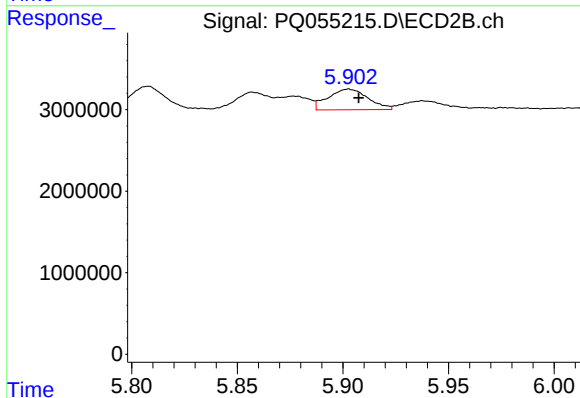
R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 3985065
Conc: 19.76 ng/ml



#19 AR-1242-4

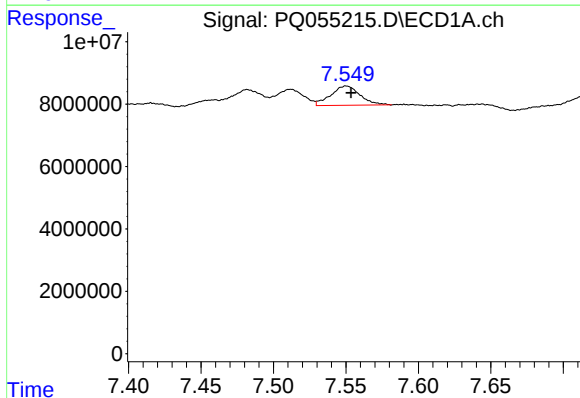
R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 8721960
Conc: 24.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



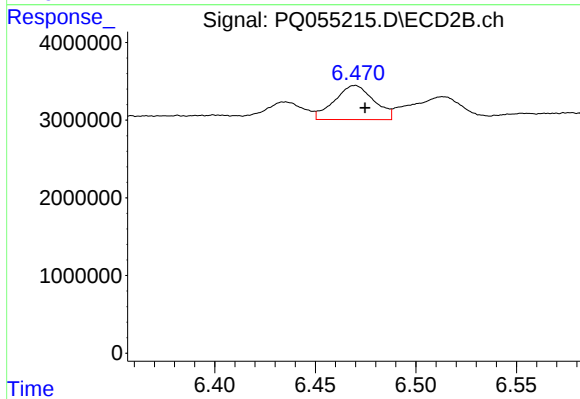
#19 AR-1242-4

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 3352702
Conc: 17.13 ng/ml



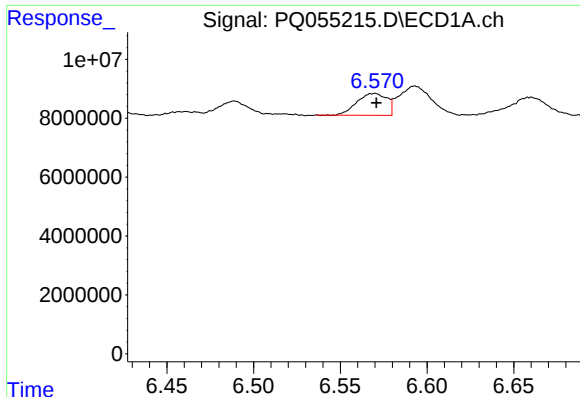
#20 AR-1242-5

R.T.: 7.550 min
Delta R.T.: -0.004 min
Response: 8689125
Conc: 23.79 ng/ml



#20 AR-1242-5

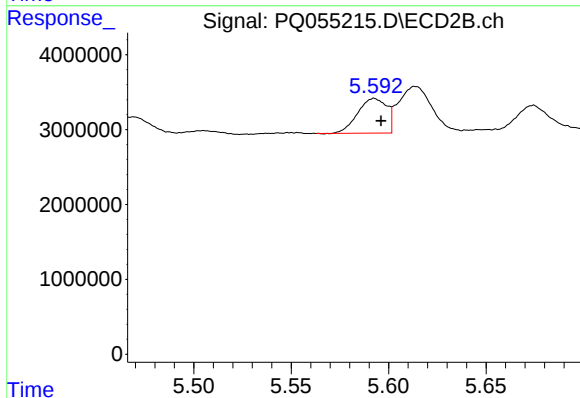
R.T.: 6.470 min
Delta R.T.: -0.005 min
Response: 6034180
Conc: 23.93 ng/ml



#21 AR-1248-1

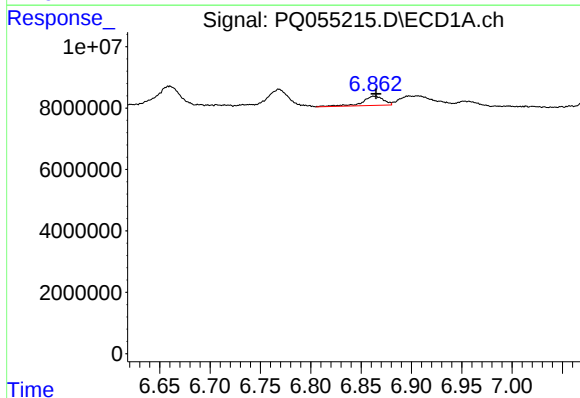
R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 8960280
Conc: 26.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



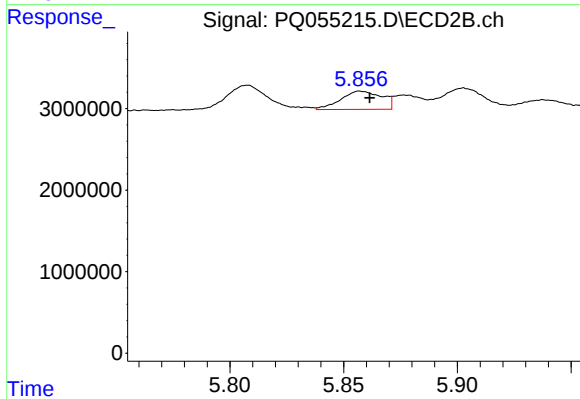
#21 AR-1248-1

R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 4798865
Conc: 23.98 ng/ml



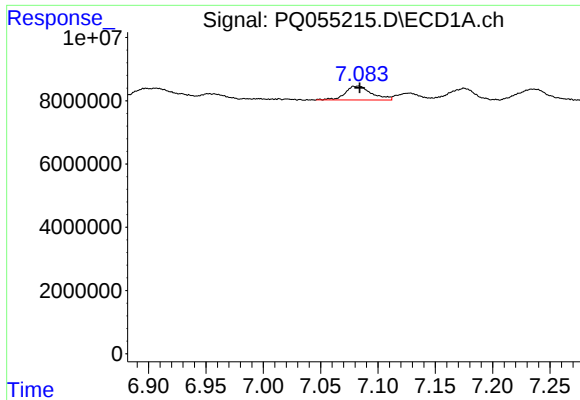
#22 AR-1248-2

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 4469640
Conc: 9.75 ng/ml



#22 AR-1248-2

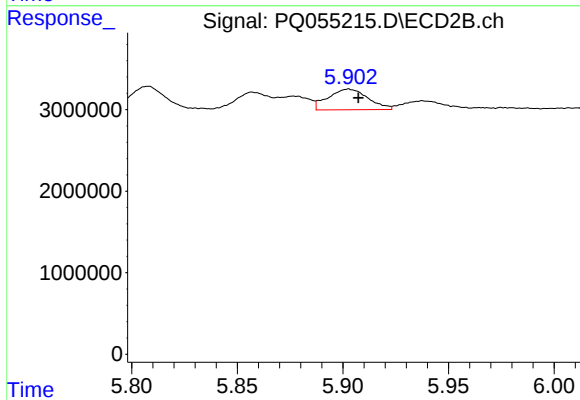
R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 2812168
Conc: 10.00 ng/ml



#23 AR-1248-3

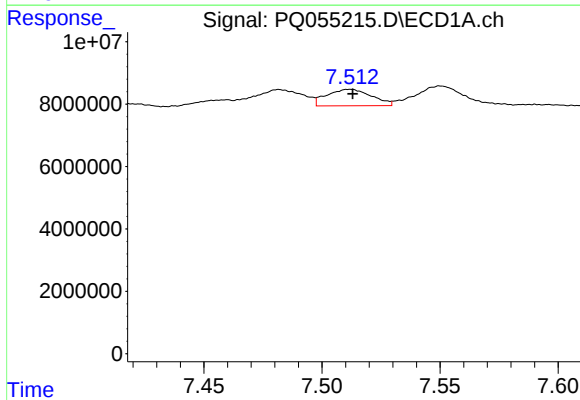
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 7091117
Conc: 13.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



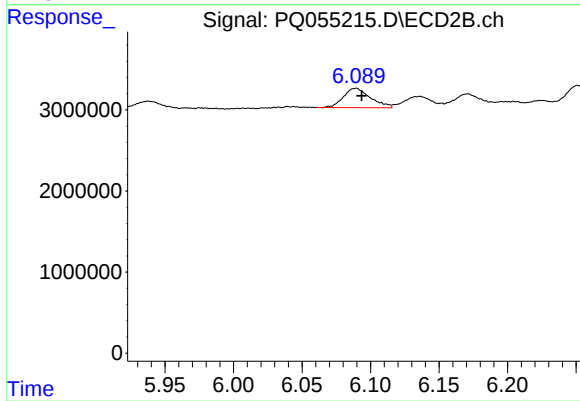
#23 AR-1248-3

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 3352702
Conc: 11.46 ng/ml



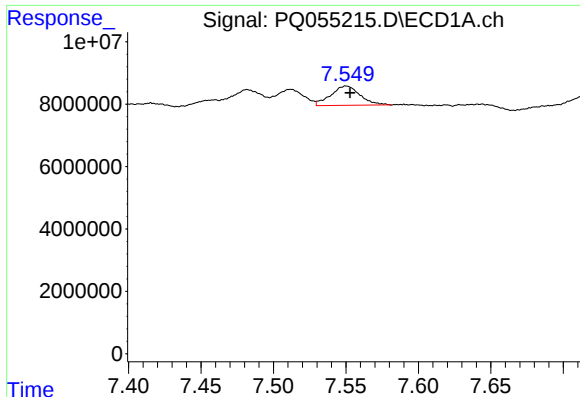
#24 AR-1248-4

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 6954392
Conc: 11.46 ng/ml



#24 AR-1248-4

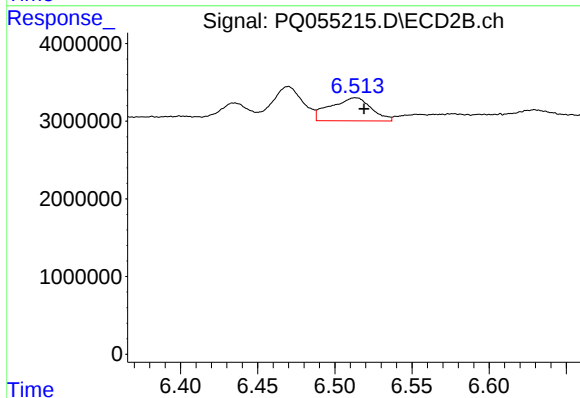
R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 3287929
Conc: 9.45 ng/ml



#25 AR-1248-5

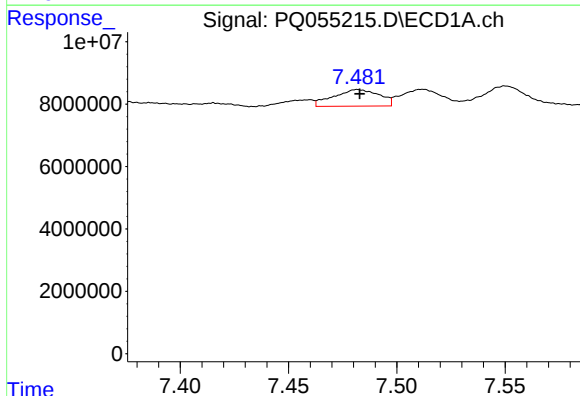
R.T.: 7.550 min
Delta R.T.: -0.003 min
Response: 8689125
Conc: 14.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



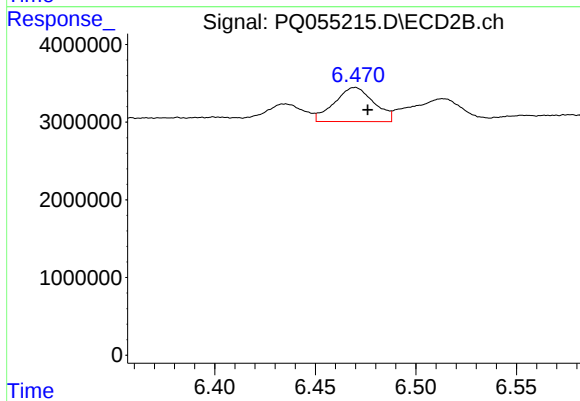
#25 AR-1248-5

R.T.: 6.513 min
Delta R.T.: -0.006 min
Response: 5504181
Conc: 15.82 ng/ml



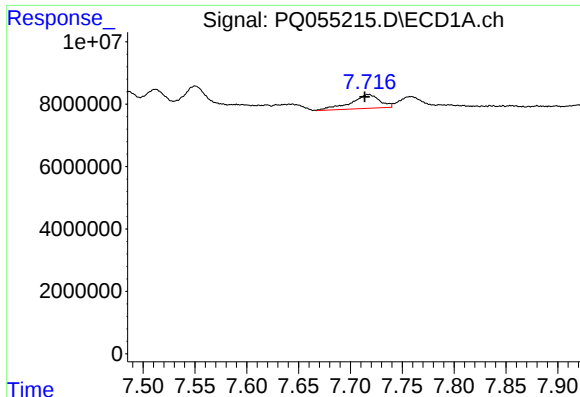
#26 AR-1254-1

R.T.: 7.482 min
Delta R.T.: -0.001 min
Response: 7803902
Conc: 13.29 ng/ml



#26 AR-1254-1

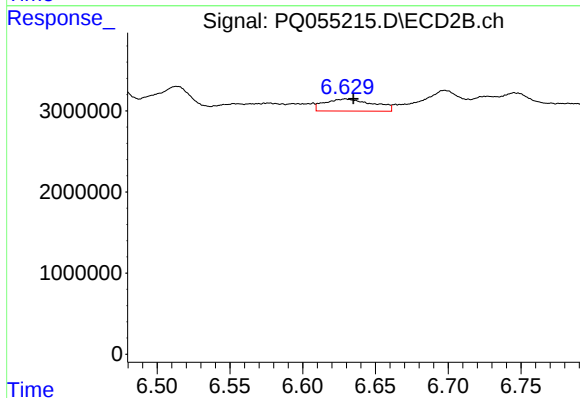
R.T.: 6.470 min
Delta R.T.: -0.006 min
Response: 6034180
Conc: 10.91 ng/ml



#27 AR-1254-2

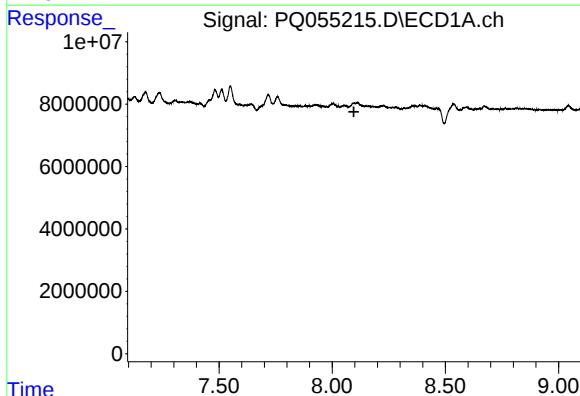
R.T.: 7.718 min
Delta R.T.: 0.005 min
Response: 8539258
Conc: 9.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



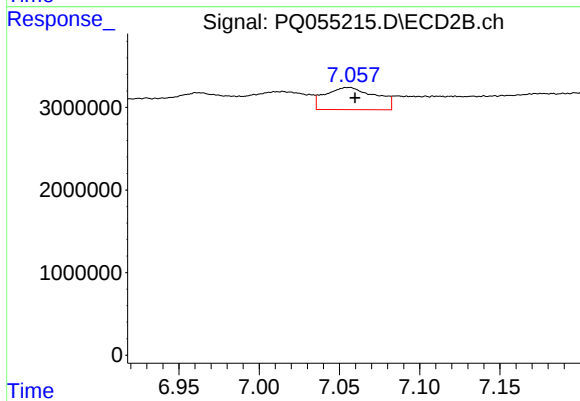
#27 AR-1254-2

R.T.: 6.629 min
Delta R.T.: -0.005 min
Response: 3442272
Conc: 7.27 ng/ml



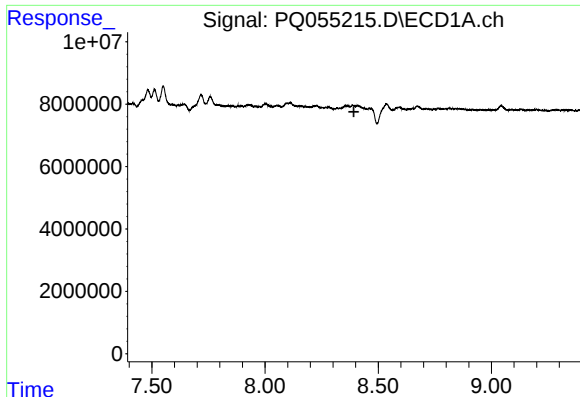
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.096 min
Response: 0
Conc: N.D.



#28 AR-1254-3

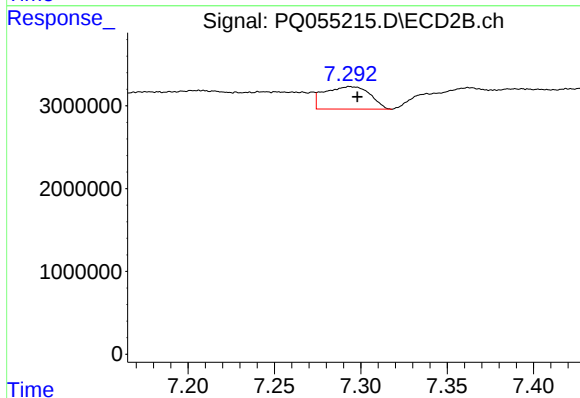
R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 5870372
Conc: 7.48 ng/ml



#29 AR-1254-4

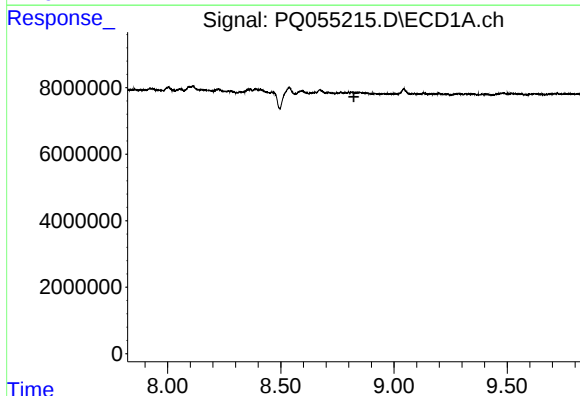
R.T.: 0.000 min
Exp R.T.: 8.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



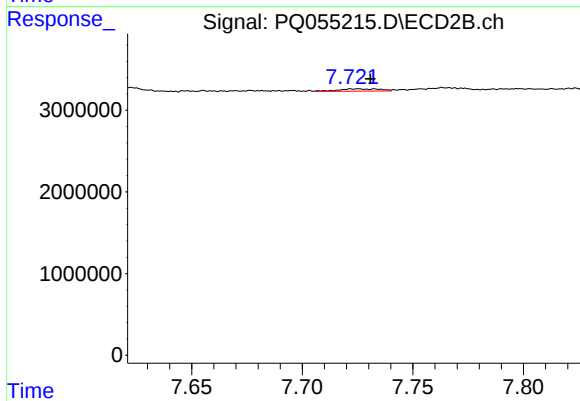
#29 AR-1254-4

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 4989666
Conc: 10.46 ng/ml



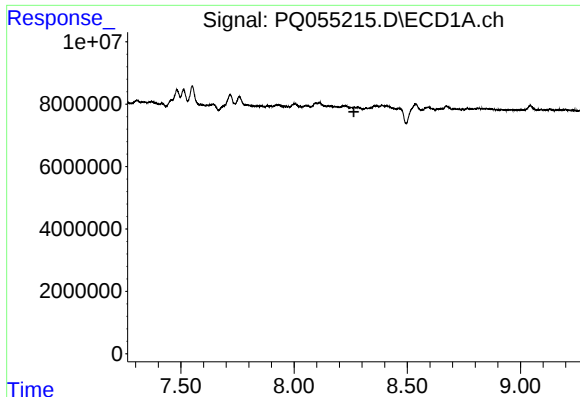
#30 AR-1254-5

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



#30 AR-1254-5

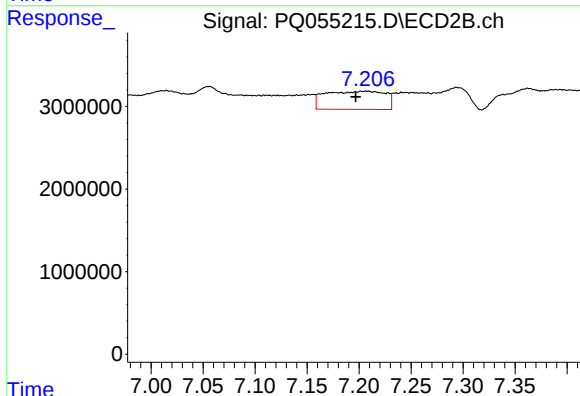
R.T.: 7.725 min
Delta R.T.: -0.006 min
Response: 362185
Conc: 0.54 ng/ml



#31 AR-1260-1

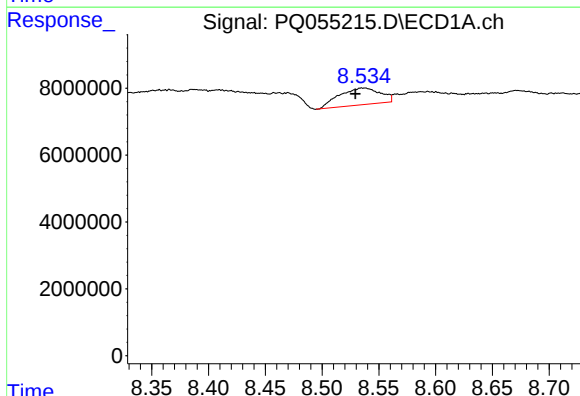
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



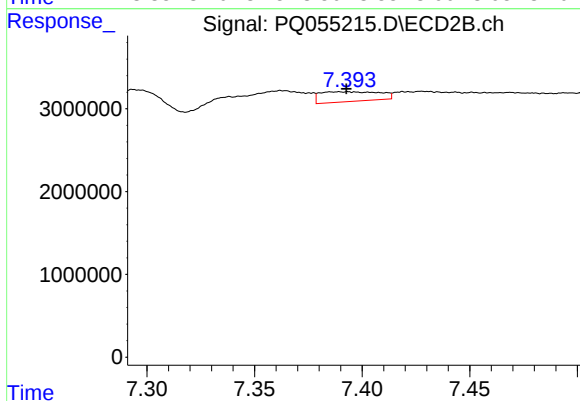
#31 AR-1260-1

R.T.: 7.207 min
Delta R.T.: 0.010 min
Response: 8825109
Conc: 17.61 ng/ml



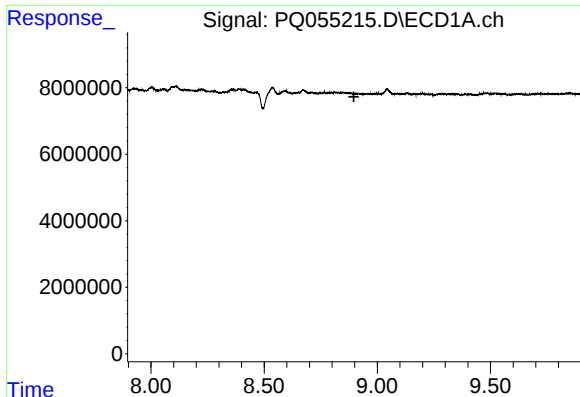
#32 AR-1260-2

R.T.: 8.535 min
Delta R.T.: 0.006 min
Response: 12661920
Conc: 15.26 ng/ml



#32 AR-1260-2

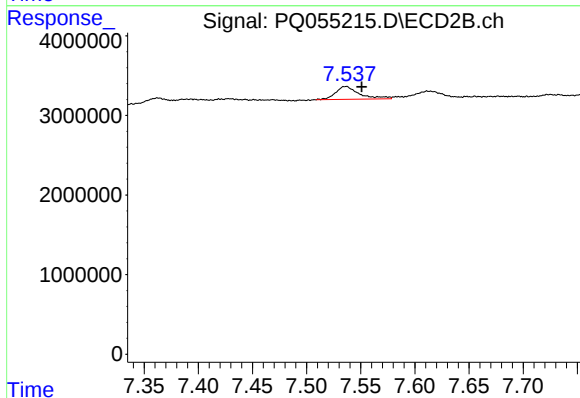
R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 2274661
Conc: 3.76 ng/ml



#33 AR-1260-3

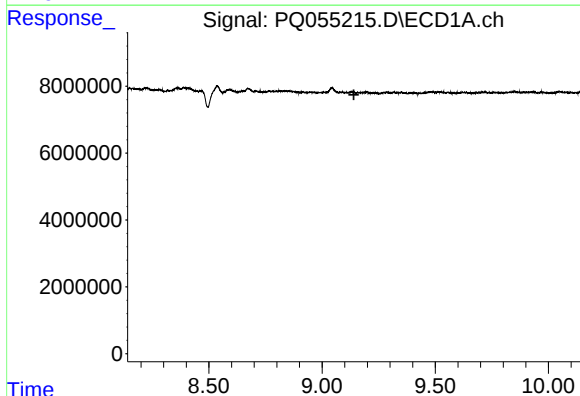
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



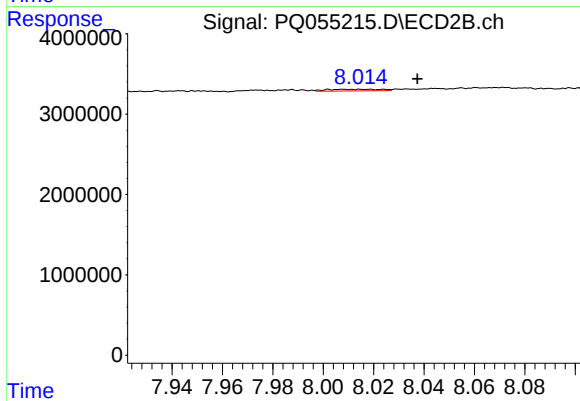
#33 AR-1260-3

R.T.: 7.536 min
Delta R.T.: -0.015 min
Response: 2497800
Conc: 4.37 ng/ml



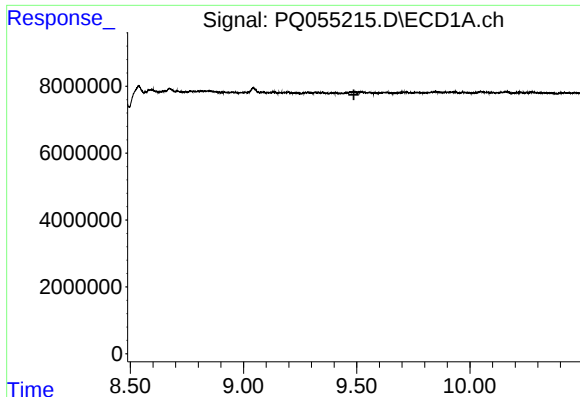
#34 AR-1260-4

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



#34 AR-1260-4

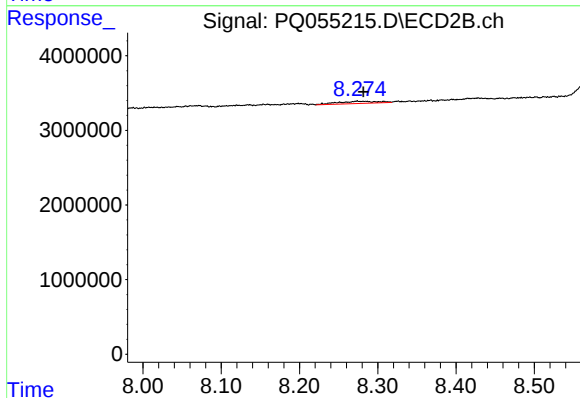
R.T.: 8.015 min
Delta R.T.: -0.022 min
Response: 303194
Conc: 0.64 ng/ml



#35 AR-1260-5

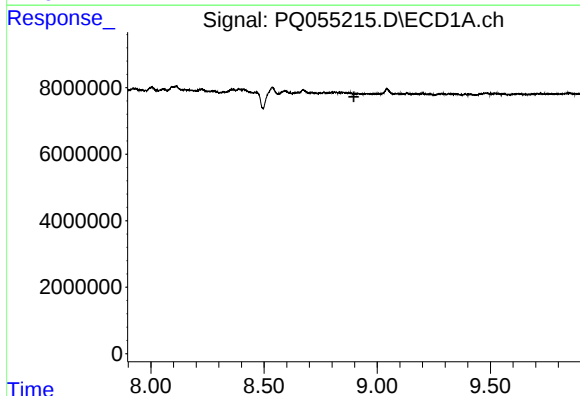
R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



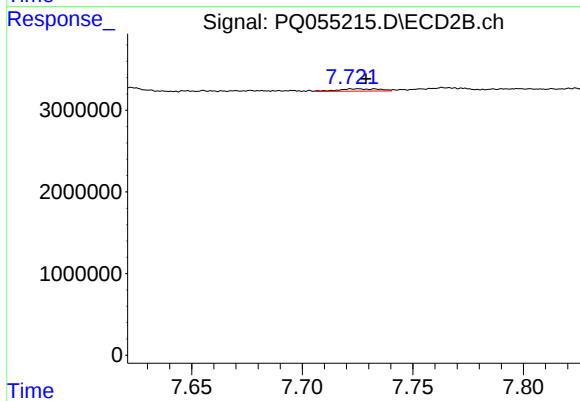
#35 AR-1260-5

R.T.: 8.274 min
Delta R.T.: -0.008 min
Response: 1087730
Conc: 0.94 ng/ml



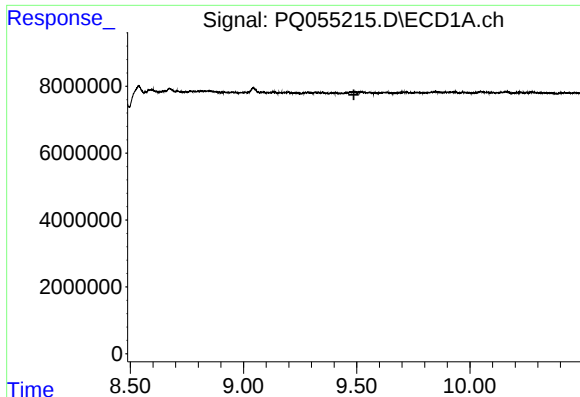
#36 AR-1262-1

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



#36 AR-1262-1

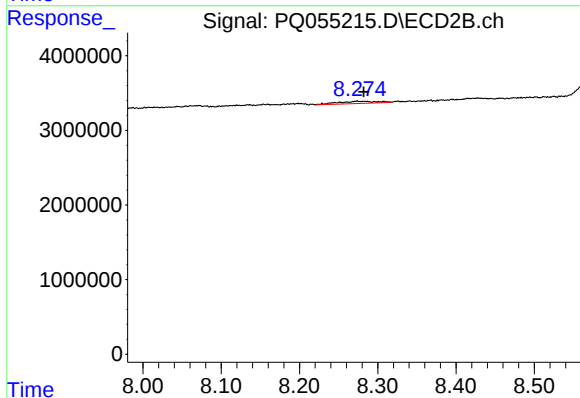
R.T.: 7.725 min
Delta R.T.: -0.004 min
Response: 362185
Conc: 1.06 ng/ml



#37 AR-1262-2

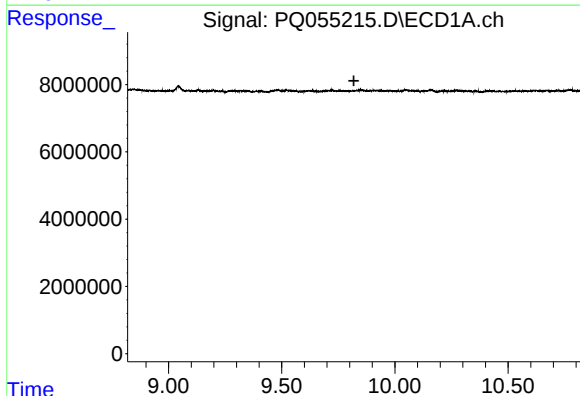
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



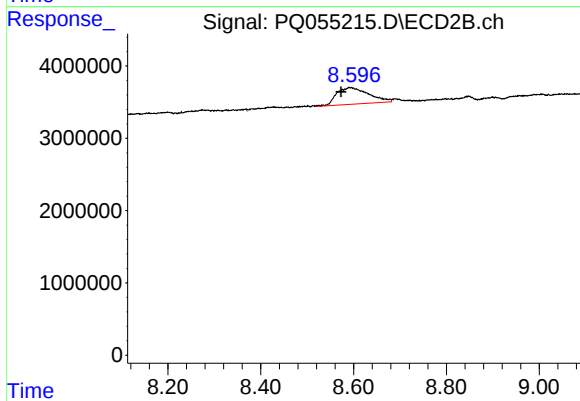
#37 AR-1262-2

R.T.: 8.274 min
Delta R.T.: -0.008 min
Response: 1087730
Conc: 0.88 ng/ml



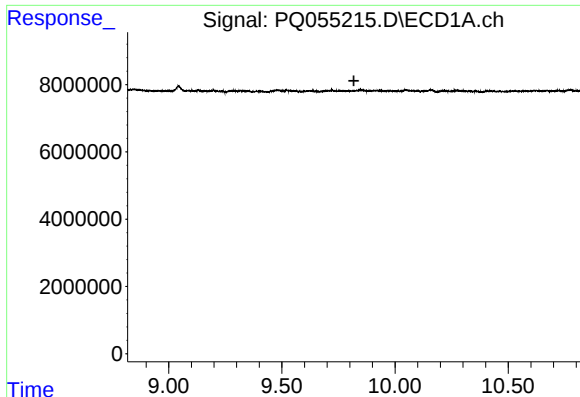
#38 AR-1262-3

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



#38 AR-1262-3

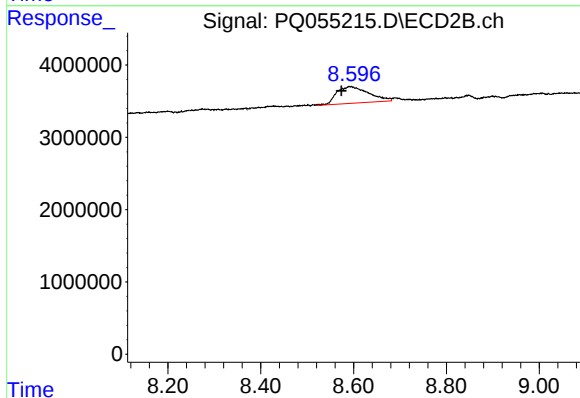
R.T.: 8.591 min
Delta R.T.: 0.018 min
Response: 11109366
Conc: 24.04 ng/ml



#41 AR-1268-1

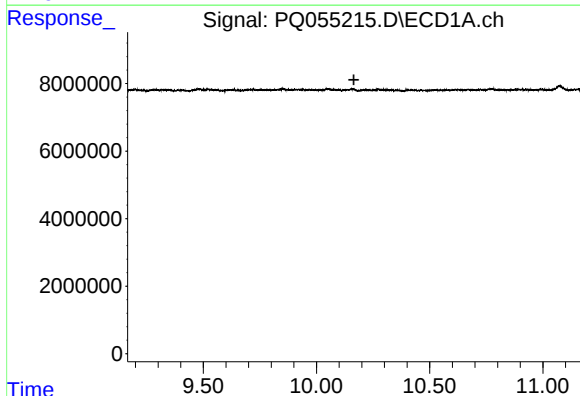
R.T.: 0.000 min
Exp R.T. : 9.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



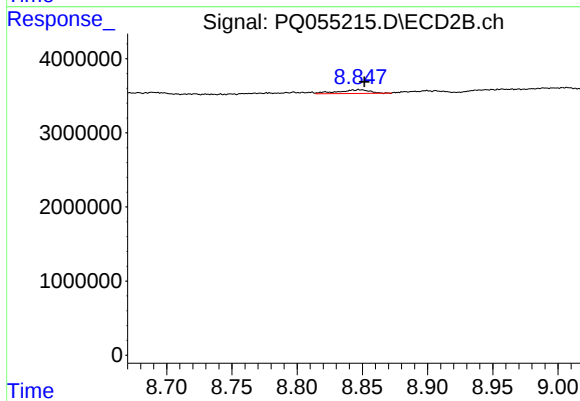
#41 AR-1268-1

R.T.: 8.591 min
Delta R.T.: 0.017 min
Response: 11109366
Conc: 7.85 ng/ml



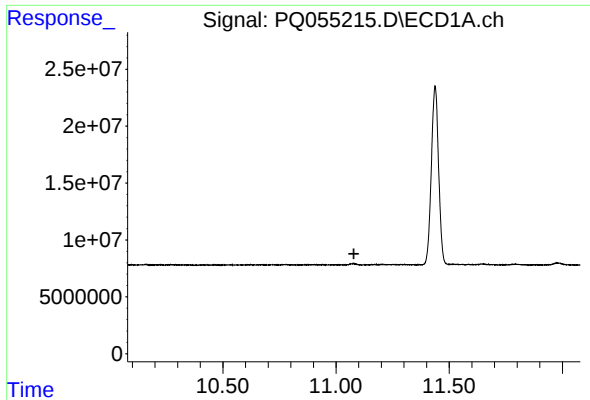
#43 AR-1268-3

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



#43 AR-1268-3

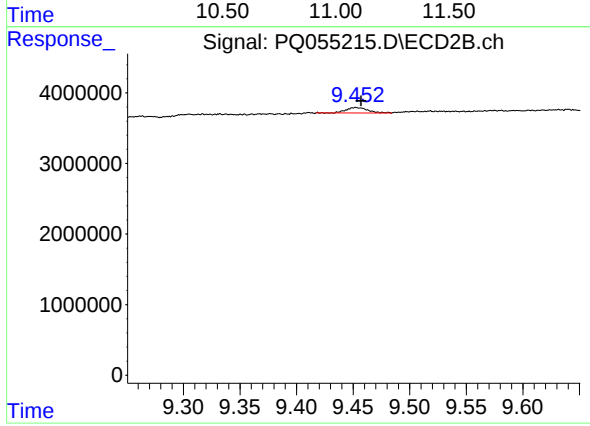
R.T.: 8.848 min
Delta R.T.: -0.003 min
Response: 876012
Conc: 0.80 ng/ml



#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.: 9.452 min
Delta R.T.: -0.005 min
Response: 1029134
Conc: 0.29 ng/ml