

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071223\
 Data File : PQ062155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 23:13
 Operator : YP\AJ
 Sample : 03568-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 04:56:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.404	2.758	72206853	42825819	14.802	17.068
2) SA Decachlor...	8.583	7.526	51483168	47396590	14.172	14.224
Target Compounds						
3) L1 AR-1016-1	4.506	3.764	-1276581	1321242	N.D.	13.349 #
4) L1 AR-1016-2	4.525	3.771	202929	1434484	0.821	9.948 #
5) L1 AR-1016-3	4.584	3.935	632620	192921	4.151	2.557 #
6) L1 AR-1016-4	4.630f	3.985	207759	1088864	1.657	16.579 #
7) L1 AR-1016-5	4.961	4.177	1051556	3795217	8.639	46.294 #
8) L2 AR-1221-1	3.610	2.952	135751	1190741	2.258	36.087 #
9) L2 AR-1221-2	3.681	3.048	1258556	1149929	28.010	45.273 #
10) L2 AR-1221-3	3.743	3.104	1605380	294266	11.425	3.817 #
11) L3 AR-1232-1	3.743	3.104	1605380	294266	15.202	5.136 #
12) L3 AR-1232-2	4.253	3.771	3348542	1434484	56.610	21.553 #
13) L3 AR-1232-3	4.525	3.935	202929	192921	1.795	5.583 #
14) L3 AR-1232-4	4.630f	4.018	207759	1454916	3.666	48.921 #
15) L3 AR-1232-5	4.769	4.177	1501638	3795217	37.494	106.425 #
16) L4 AR-1242-1	4.506	3.764	-1276581	1321242	N.D.	17.084 #
17) L4 AR-1242-2	4.525	3.771	202929	1434484	1.045	12.905 #
18) L4 AR-1242-3	4.584	3.935	632620	192921	5.235	3.294 #
19) L4 AR-1242-4	4.630f	4.018	207759	1454916	2.131	24.816 #
20) L4 AR-1242-5	5.392	4.513	2349208	12510378	24.540	150.923 #
21) L5 AR-1248-1	4.506	3.764	-1276581	1321242	N.D.	21.133 #
22) L5 AR-1248-2	4.769	3.985	1501638	1088864	10.453	11.612
23) L5 AR-1248-3	4.961	4.018	1051556	1454916	6.053	16.069 #
24) L5 AR-1248-4	5.328f	4.177	14528464	3795217	75.696	33.634 #
25) L5 AR-1248-5	5.392	4.554	2349208	4976663	12.970	44.422 #
26) L6 AR-1254-1	5.328	4.513	14528464	12510378	78.185	77.481
27) L6 AR-1254-2	5.539	4.661	10082202	10920024	34.681	74.173 #
28) L6 AR-1254-3	5.896	5.043	20722450	25907503	67.469	110.857 #
29) L6 AR-1254-4	6.181	5.269	10760742	10832014	46.344	71.070 #
30) L6 AR-1254-5	6.594	5.675	34669141	33885278	134.968	146.819
31) L7 AR-1260-1	6.058	5.172	17758664	21600044	75.270	129.689 #
32) L7 AR-1260-2	6.321	5.365	28821210	26578481	99.792	127.814 #
33) L7 AR-1260-3	6.675	5.500	21988900	16498434	124.529	84.799 #
34) L7 AR-1260-4	6.894	5.964	6961262	17708658	33.047	121.407 #
35) L7 AR-1260-5	7.204	6.212	19018591	19500209	46.318	58.725 #
36) L8 AR-1262-1	6.675	5.718	21988900	19481422	72.109	83.801
37) L8 AR-1262-2	7.204	5.964	19018591	17708658	36.108	81.906 #
38) L8 AR-1262-3	7.478	6.489	67104746	50585662	190.474	290.176 #
39) L8 AR-1262-4	7.555	6.552	55116692	49189616	206.646	152.623 #
40) L8 AR-1262-5	8.058	7.043	16096885	14995975	90.682	96.677
41) L9 AR-1268-1	7.478	6.489	67104746	50585662	118.251	107.506

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 Misc :
 ALS Vial : 43 Sample Multiplier: 1

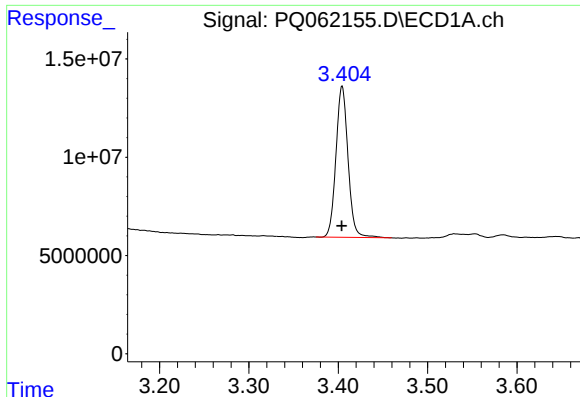
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 04:56:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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 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	7.555	6.552	55116692	49189616	108.099	116.095
43) L9	AR-1268-3	7.736	6.751	41193236	35956696	96.523	97.624
44) L9	AR-1268-4	8.058	7.043	16096885	14995975	87.968	93.762
45) L9	AR-1268-5	8.349	7.311	109.6E6	102.4E6	86.899	87.750

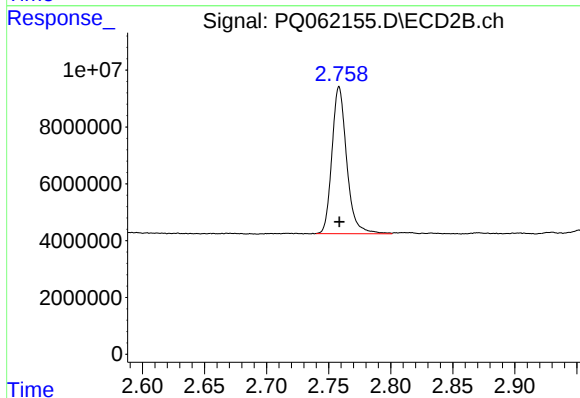
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

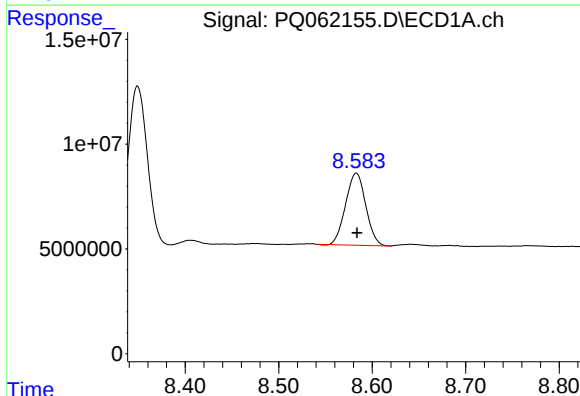
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 72206853
Conc: 14.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



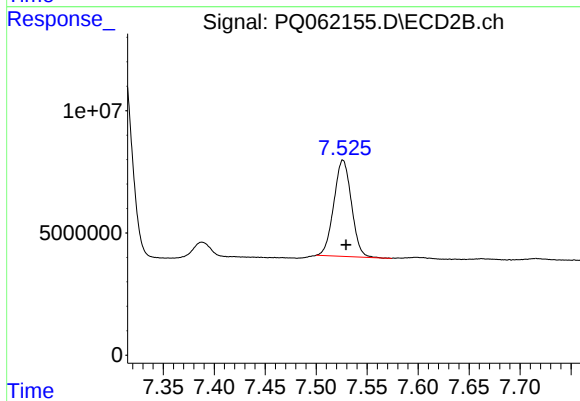
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 42825819
Conc: 17.07 ng/ml



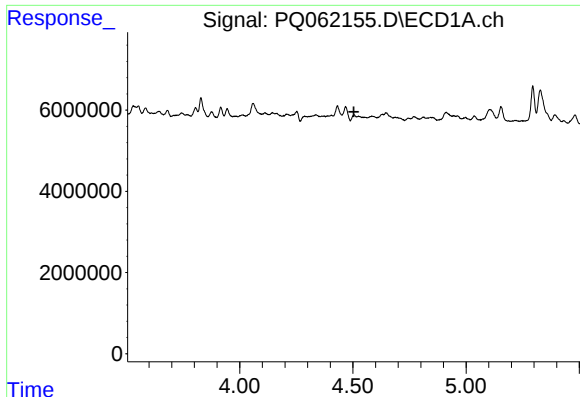
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 51483168
Conc: 14.17 ng/ml



#2 Decachlorobiphenyl

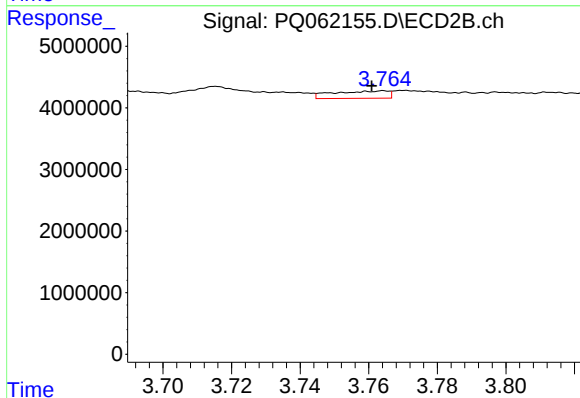
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 47396590
Conc: 14.22 ng/ml



#3 AR-1016-1

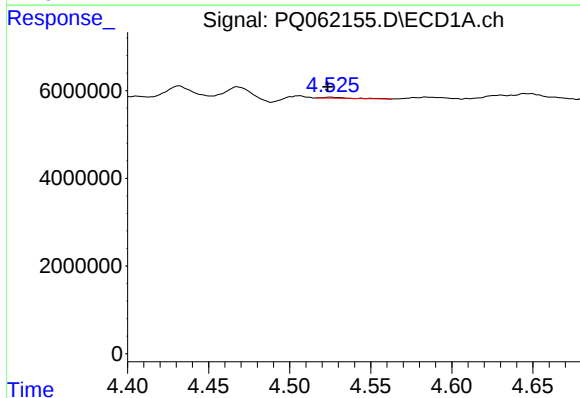
R.T.: 4.506 min
Delta R.T.: 0.001 min
Response: -1276581
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



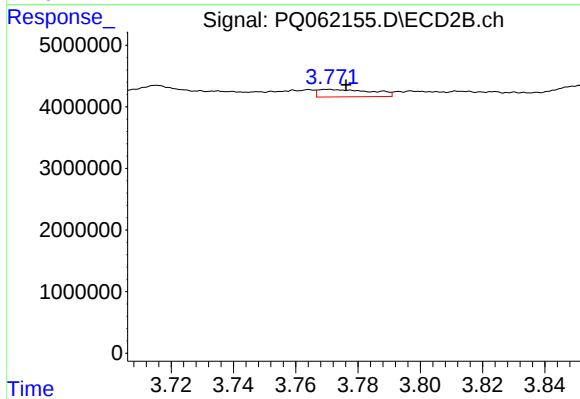
#3 AR-1016-1

R.T.: 3.764 min
Delta R.T.: 0.003 min
Response: 1321242
Conc: 13.35 ng/ml



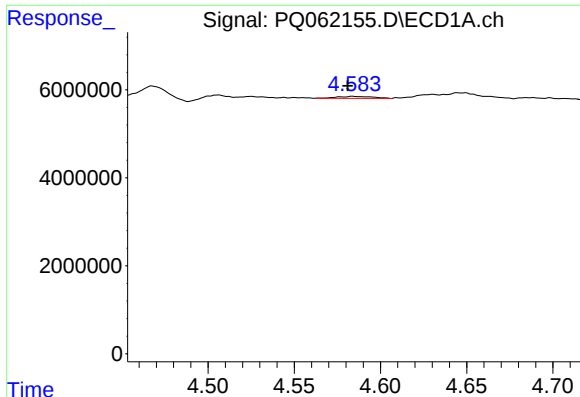
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 202929
Conc: 0.82 ng/ml



#4 AR-1016-2

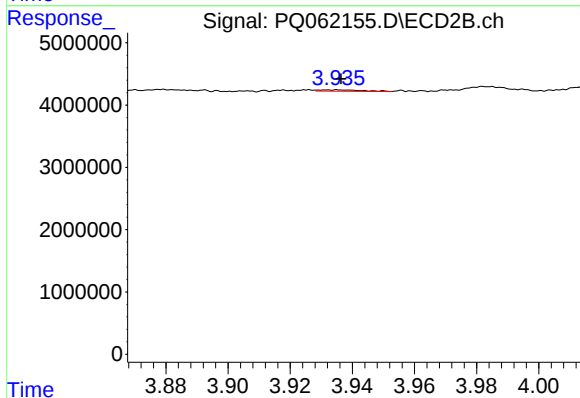
R.T.: 3.771 min
Delta R.T.: -0.006 min
Response: 1434484
Conc: 9.95 ng/ml



#5 AR-1016-3

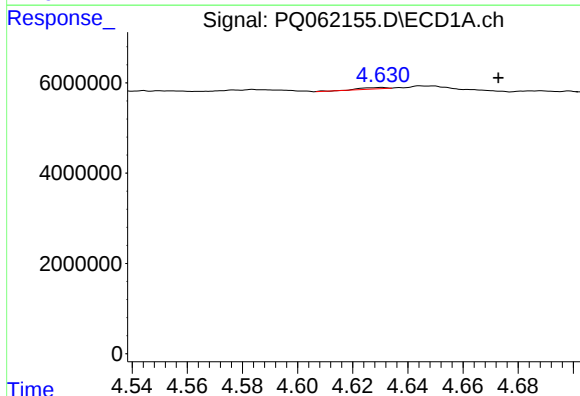
R.T.: 4.584 min
Delta R.T.: 0.003 min
Response: 632620
Conc: 4.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



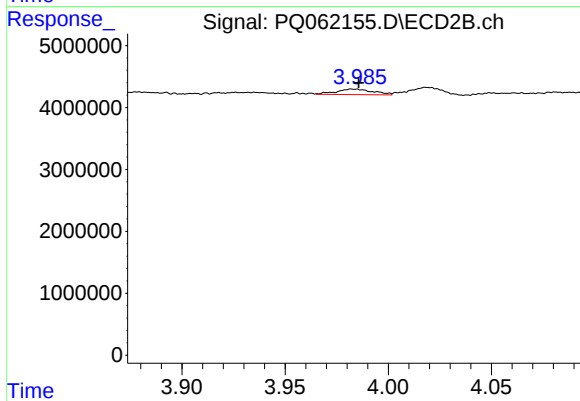
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 192921
Conc: 2.56 ng/ml



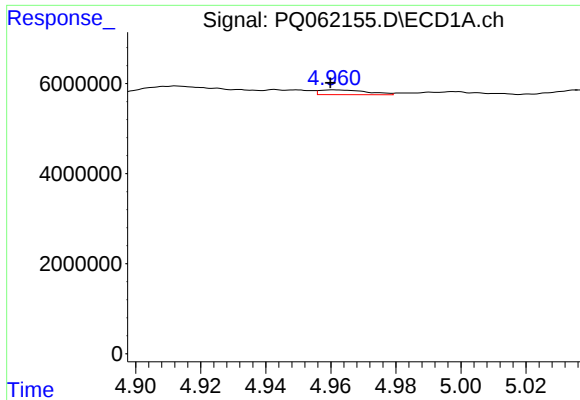
#6 AR-1016-4

R.T.: 4.630 min
Delta R.T.: -0.042 min
Response: 207759
Conc: 1.66 ng/ml



#6 AR-1016-4

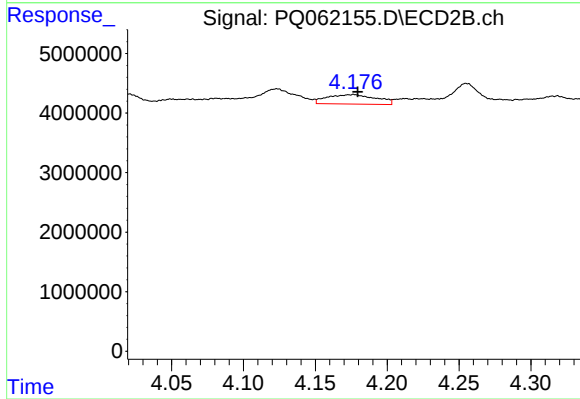
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 1088864
Conc: 16.58 ng/ml



#7 AR-1016-5

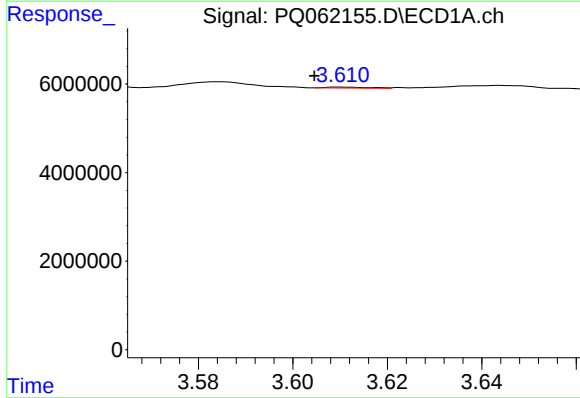
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 1051556
Conc: 8.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



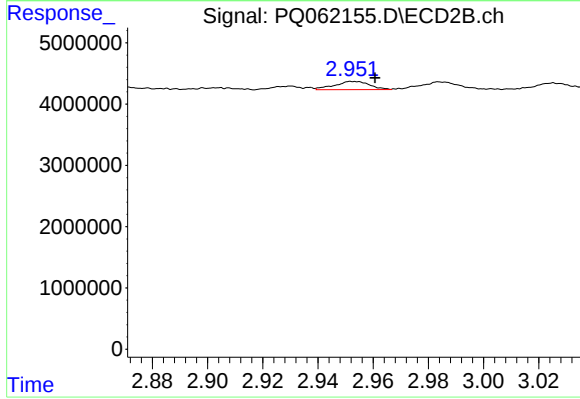
#7 AR-1016-5

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 3795217
Conc: 46.29 ng/ml



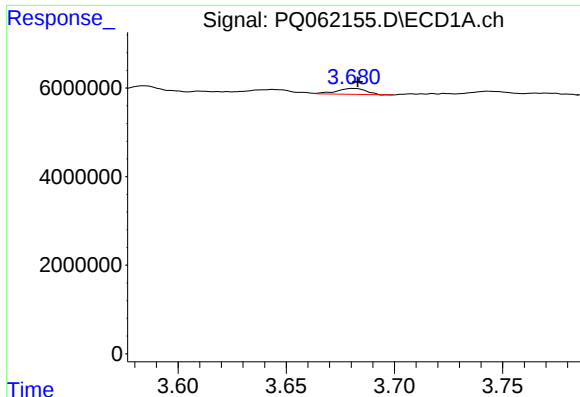
#8 AR-1221-1

R.T.: 3.610 min
Delta R.T.: 0.006 min
Response: 135751
Conc: 2.26 ng/ml



#8 AR-1221-1

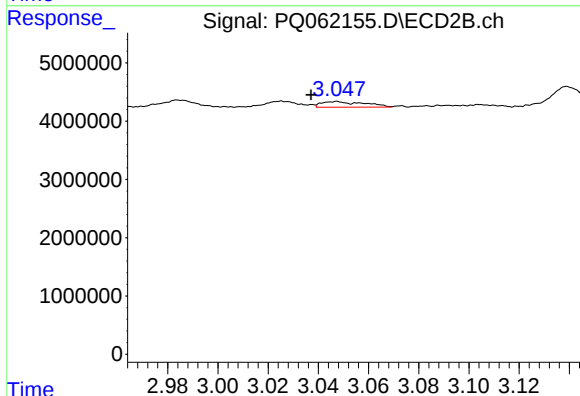
R.T.: 2.952 min
Delta R.T.: -0.009 min
Response: 1190741
Conc: 36.09 ng/ml



#9 AR-1221-2

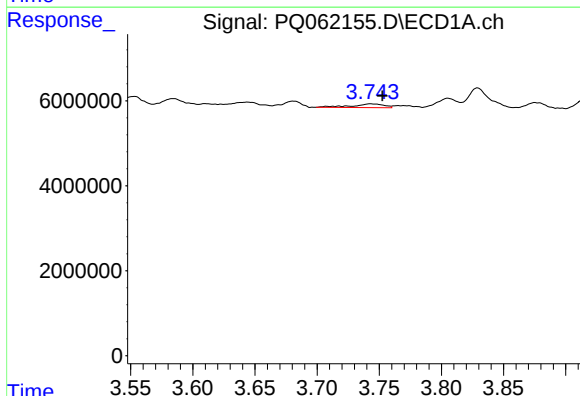
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 1258556
Conc: 28.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



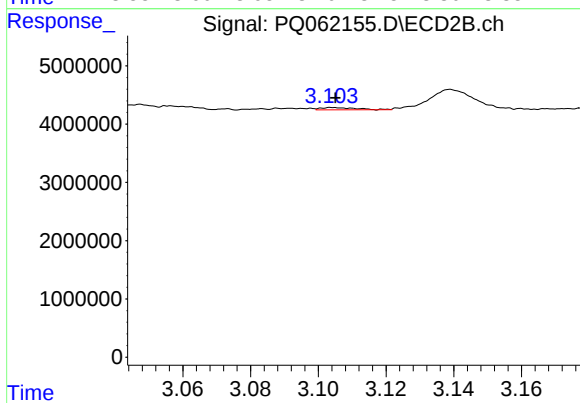
#9 AR-1221-2

R.T.: 3.048 min
Delta R.T.: 0.010 min
Response: 1149929
Conc: 45.27 ng/ml



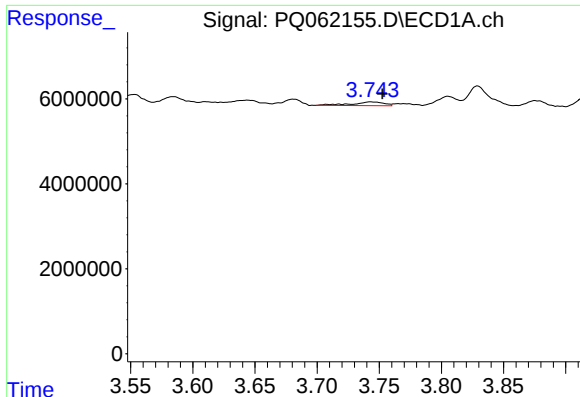
#10 AR-1221-3

R.T.: 3.743 min
Delta R.T.: -0.009 min
Response: 1605380
Conc: 11.42 ng/ml



#10 AR-1221-3

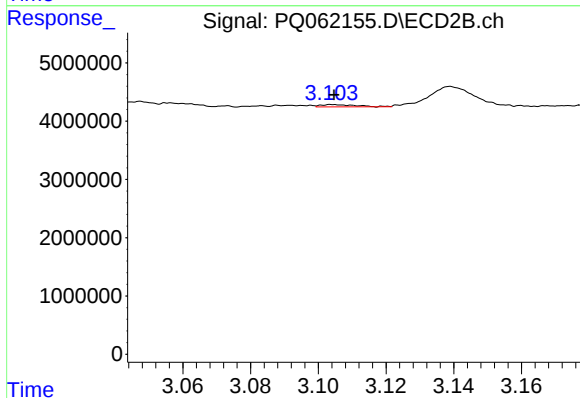
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 294266
Conc: 3.82 ng/ml



#11 AR-1232-1

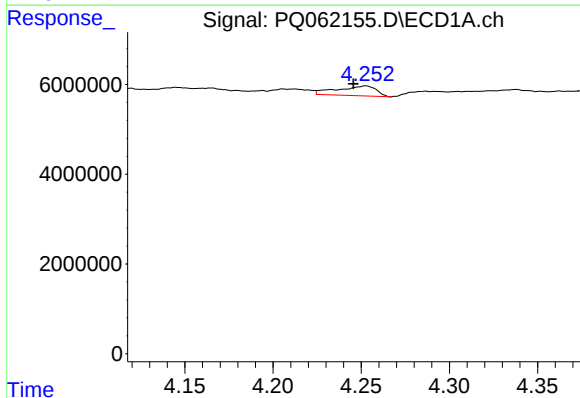
R.T.: 3.743 min
Delta R.T.: -0.009 min
Response: 1605380
Conc: 15.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



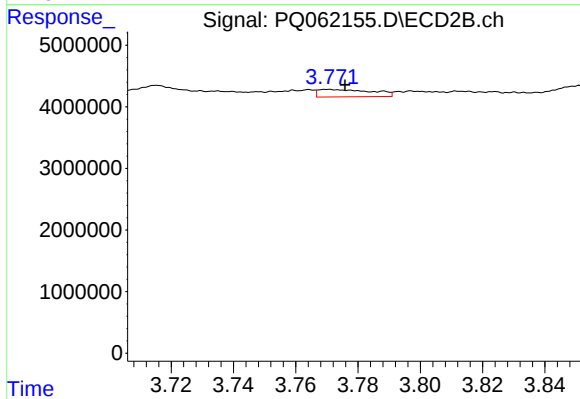
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 294266
Conc: 5.14 ng/ml



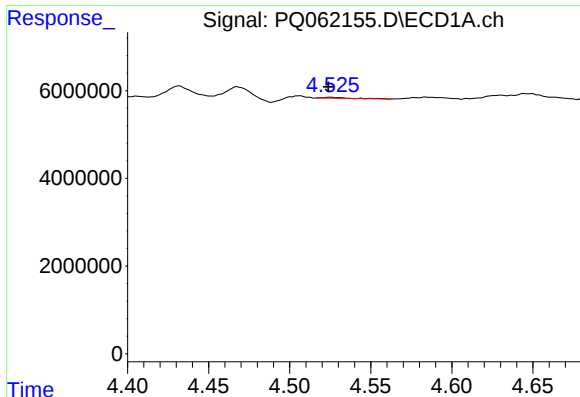
#12 AR-1232-2

R.T.: 4.253 min
Delta R.T.: 0.007 min
Response: 3348542
Conc: 56.61 ng/ml



#12 AR-1232-2

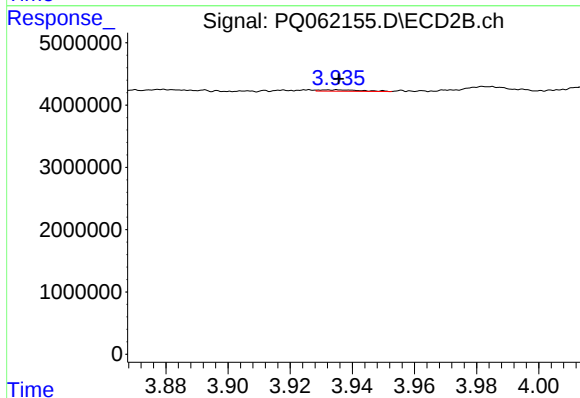
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 1434484
Conc: 21.55 ng/ml



#13 AR-1232-3

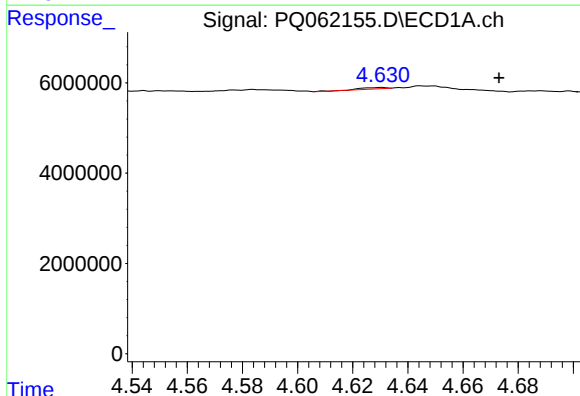
R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 202929
Conc: 1.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



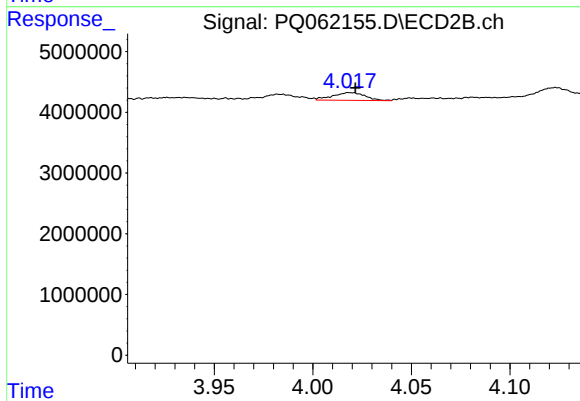
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 192921
Conc: 5.58 ng/ml



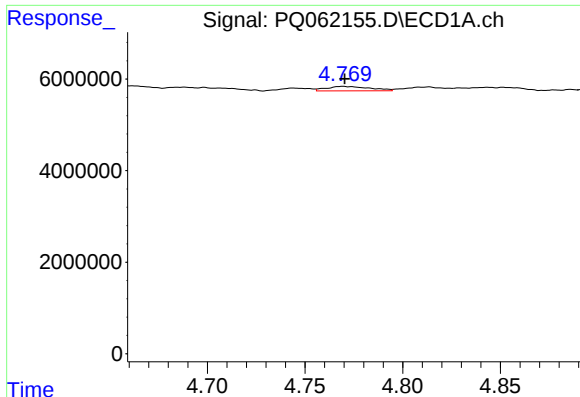
#14 AR-1232-4

R.T.: 4.630 min
Delta R.T.: -0.043 min
Response: 207759
Conc: 3.67 ng/ml



#14 AR-1232-4

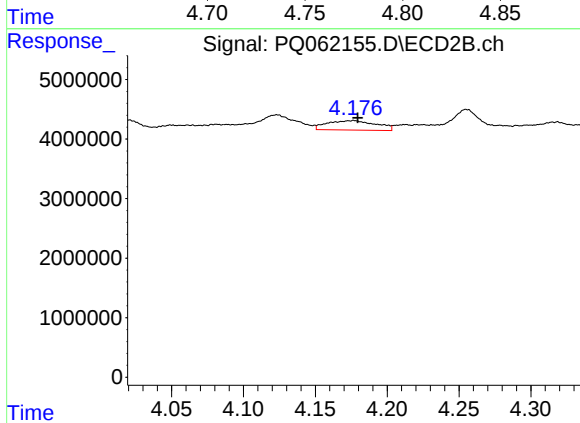
R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 1454916
Conc: 48.92 ng/ml



#15 AR-1232-5

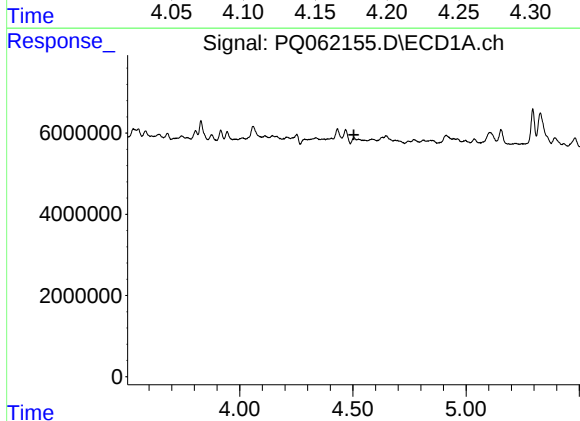
R.T.: 4.769 min
Delta R.T.: -0.001 min
Response: 1501638
Conc: 37.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



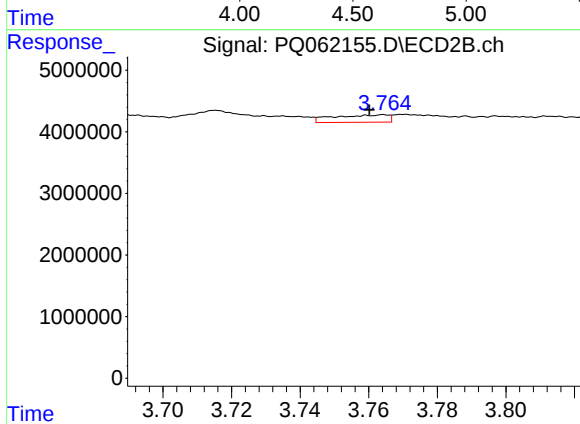
#15 AR-1232-5

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 3795217
Conc: 106.43 ng/ml



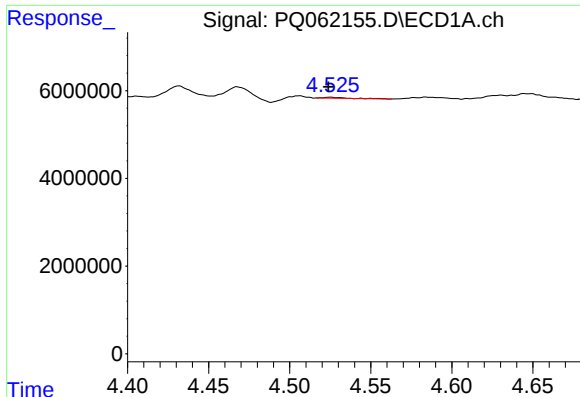
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.001 min
Response: -1276581
Conc: N.D.



#16 AR-1242-1

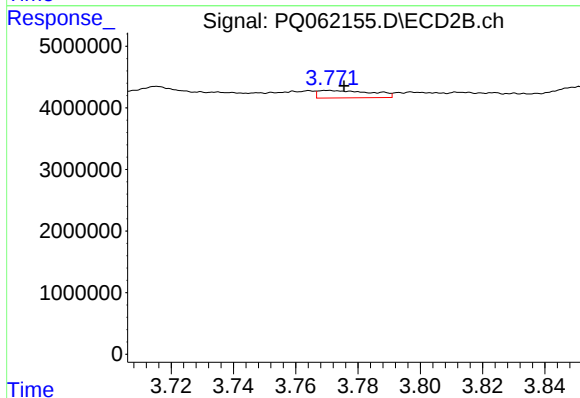
R.T.: 3.764 min
Delta R.T.: 0.004 min
Response: 1321242
Conc: 17.08 ng/ml



#17 AR-1242-2

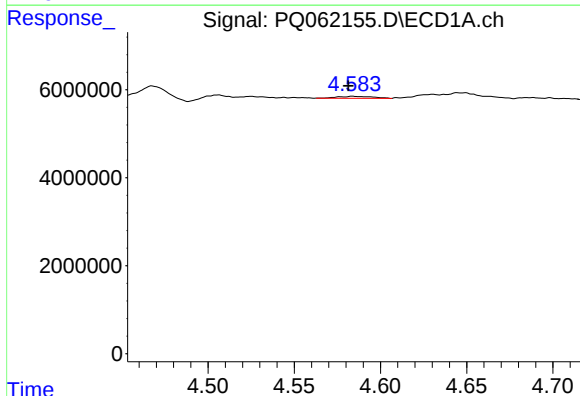
R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 202929
Conc: 1.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



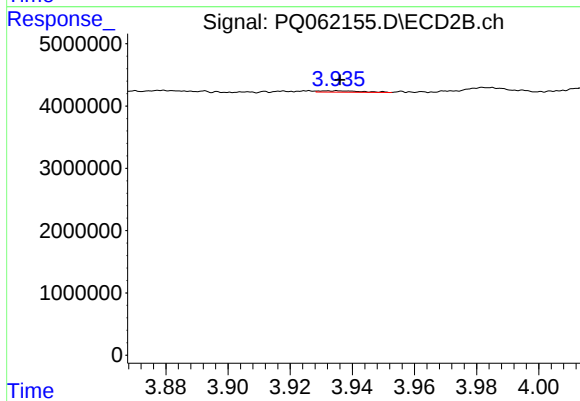
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 1434484
Conc: 12.90 ng/ml



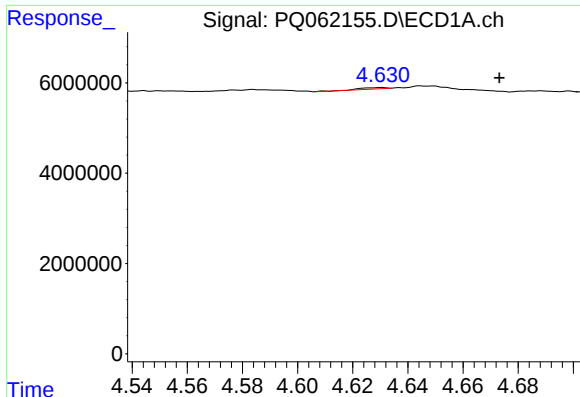
#18 AR-1242-3

R.T.: 4.584 min
Delta R.T.: 0.003 min
Response: 632620
Conc: 5.24 ng/ml



#18 AR-1242-3

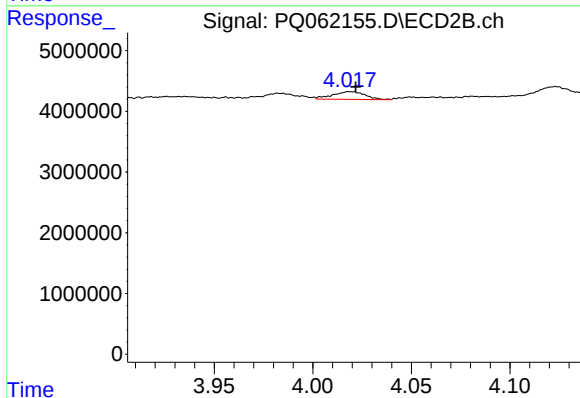
R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 192921
Conc: 3.29 ng/ml



#19 AR-1242-4

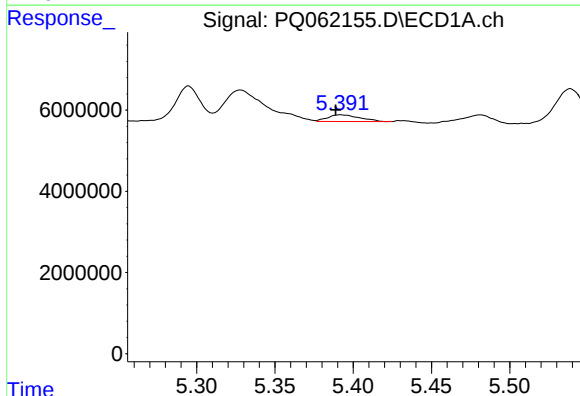
R.T.: 4.630 min
Delta R.T.: -0.043 min
Response: 207759
Conc: 2.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



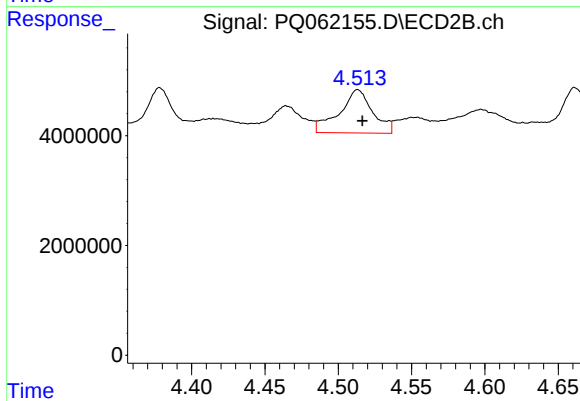
#19 AR-1242-4

R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 1454916
Conc: 24.82 ng/ml



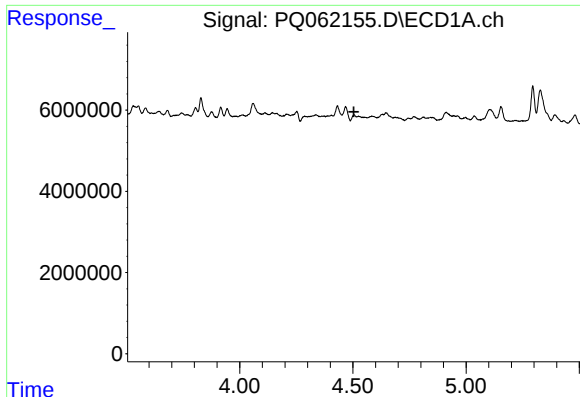
#20 AR-1242-5

R.T.: 5.392 min
Delta R.T.: 0.003 min
Response: 2349208
Conc: 24.54 ng/ml



#20 AR-1242-5

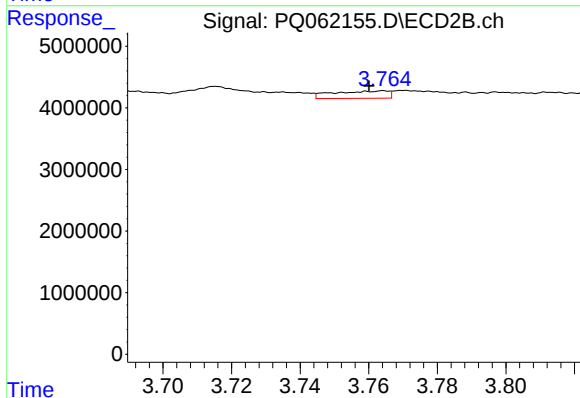
R.T.: 4.513 min
Delta R.T.: -0.003 min
Response: 12510378
Conc: 150.92 ng/ml



#21 AR-1248-1

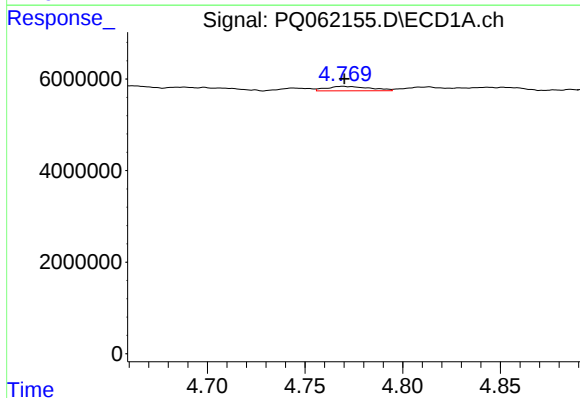
R.T.: 4.506 min
Delta R.T.: 0.001 min
Response: -1276581
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



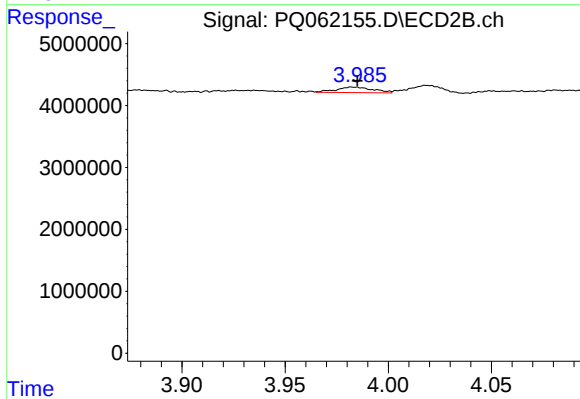
#21 AR-1248-1

R.T.: 3.764 min
Delta R.T.: 0.004 min
Response: 1321242
Conc: 21.13 ng/ml



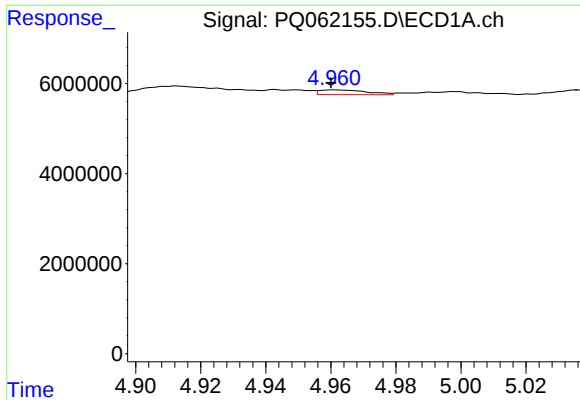
#22 AR-1248-2

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 1501638
Conc: 10.45 ng/ml



#22 AR-1248-2

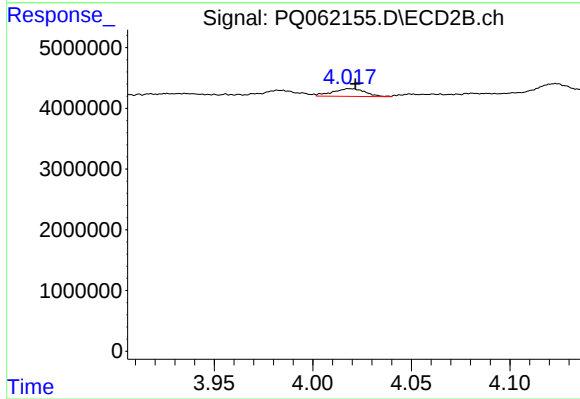
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 1088864
Conc: 11.61 ng/ml



#23 AR-1248-3

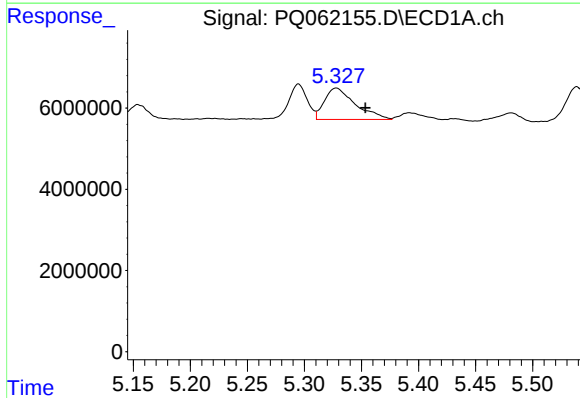
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 1051556
Conc: 6.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



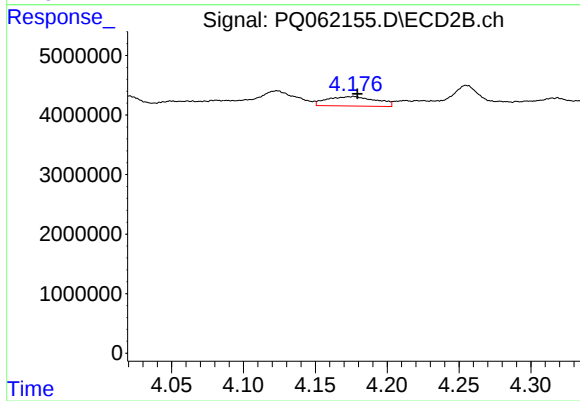
#23 AR-1248-3

R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 1454916
Conc: 16.07 ng/ml



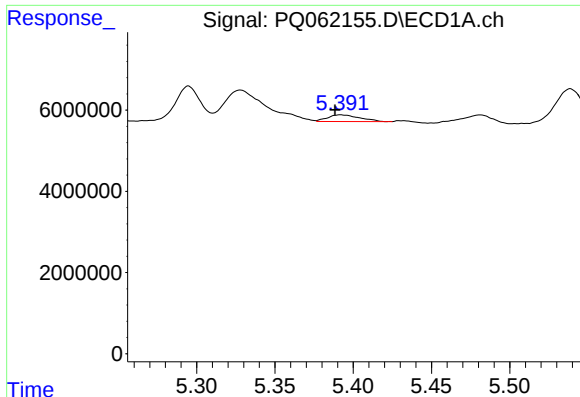
#24 AR-1248-4

R.T.: 5.328 min
Delta R.T.: -0.026 min
Response: 14528464
Conc: 75.70 ng/ml



#24 AR-1248-4

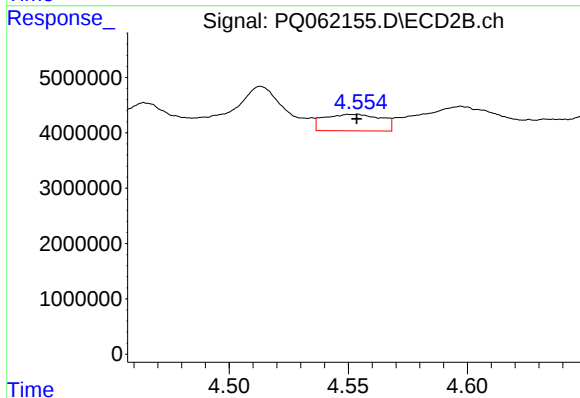
R.T.: 4.177 min
Delta R.T.: -0.002 min
Response: 3795217
Conc: 33.63 ng/ml



#25 AR-1248-5

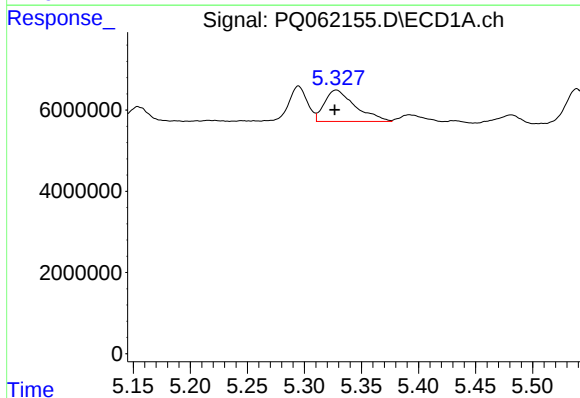
R.T.: 5.392 min
Delta R.T.: 0.004 min
Response: 2349208
Conc: 12.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



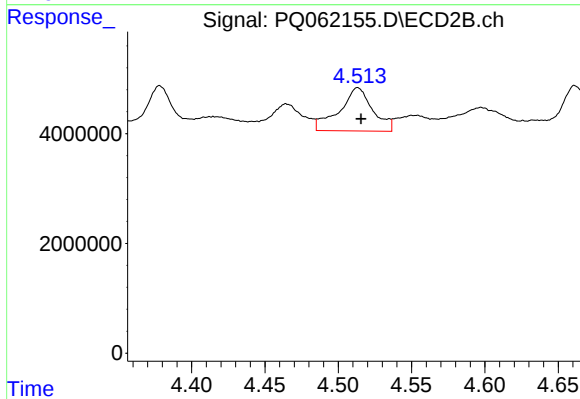
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 4976663
Conc: 44.42 ng/ml



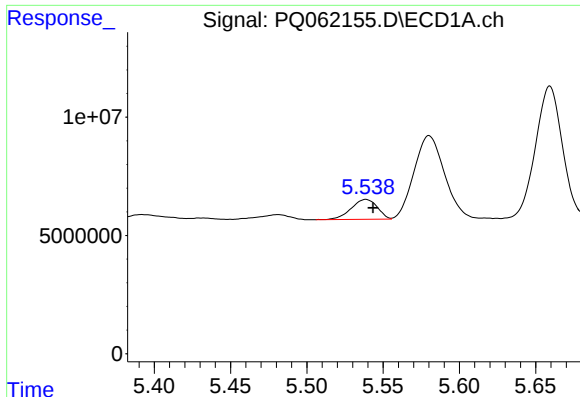
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 14528464
Conc: 78.19 ng/ml



#26 AR-1254-1

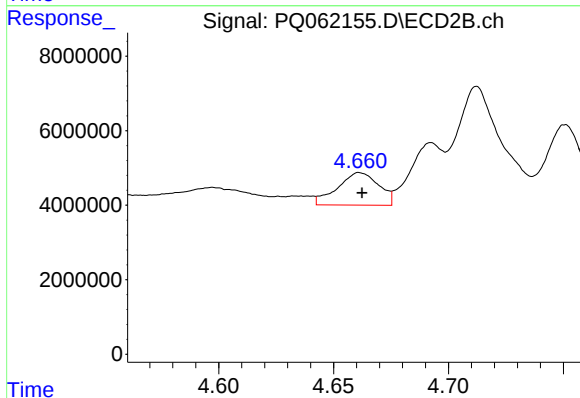
R.T.: 4.513 min
Delta R.T.: -0.002 min
Response: 12510378
Conc: 77.48 ng/ml



#27 AR-1254-2

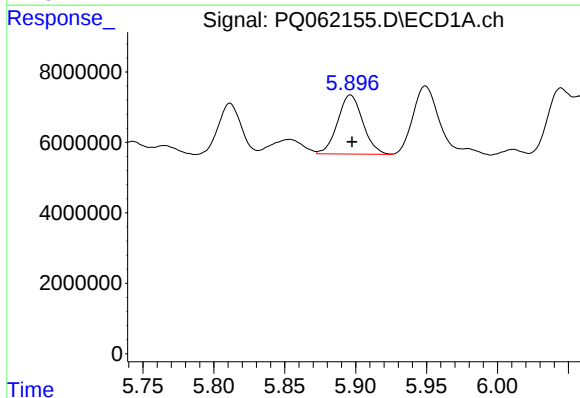
R.T.: 5.539 min
Delta R.T.: -0.005 min
Response: 10082202
Conc: 34.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



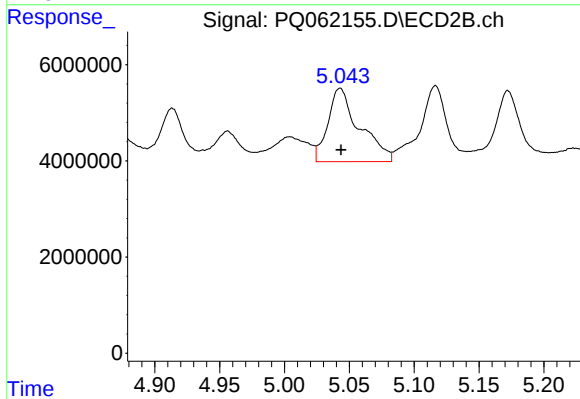
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 10920024
Conc: 74.17 ng/ml



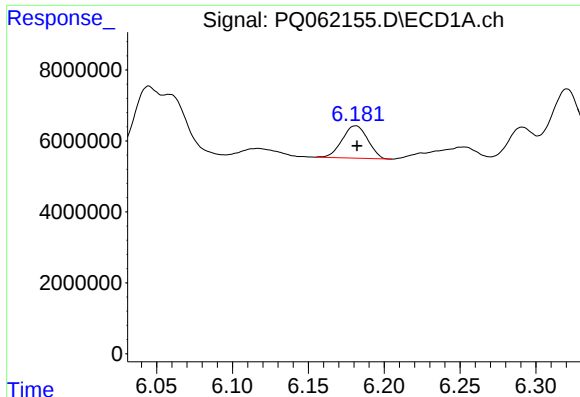
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 20722450
Conc: 67.47 ng/ml



#28 AR-1254-3

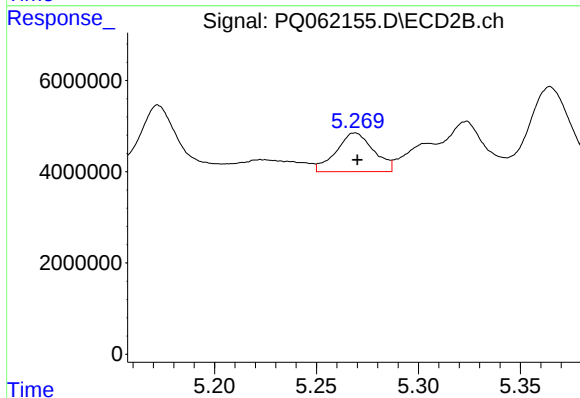
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 25907503
Conc: 110.86 ng/ml



#29 AR-1254-4

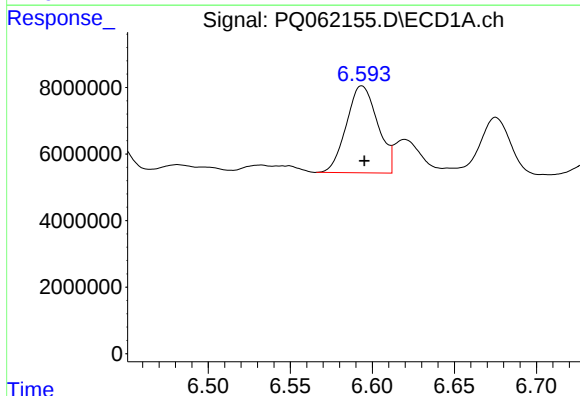
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 10760742
Conc: 46.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



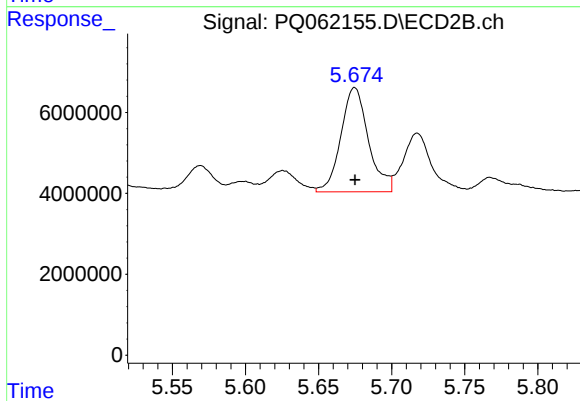
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 10832014
Conc: 71.07 ng/ml



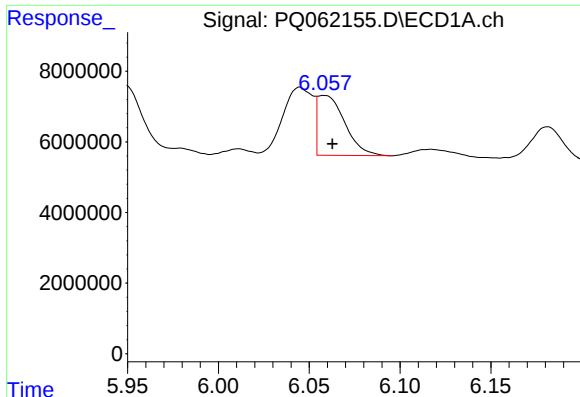
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 34669141
Conc: 134.97 ng/ml



#30 AR-1254-5

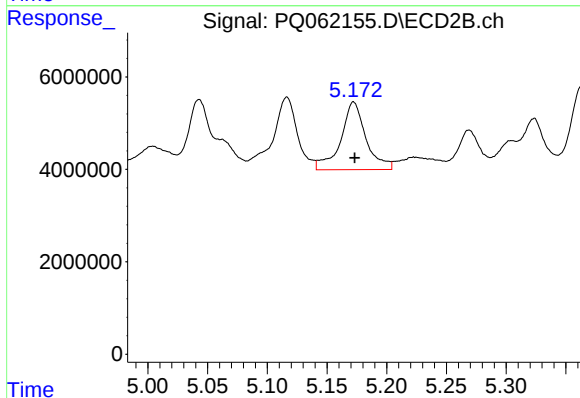
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 33885278
Conc: 146.82 ng/ml



#31 AR-1260-1

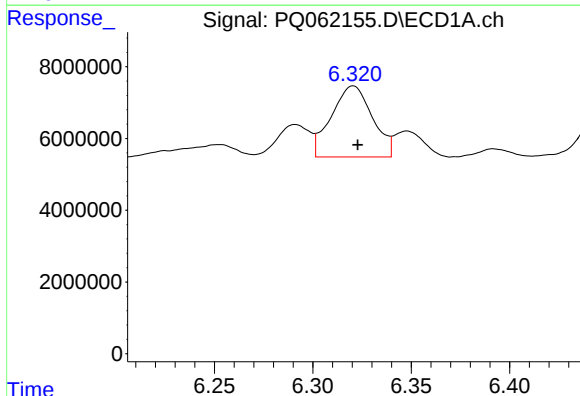
R.T.: 6.058 min
Delta R.T.: -0.005 min
Response: 17758664
Conc: 75.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



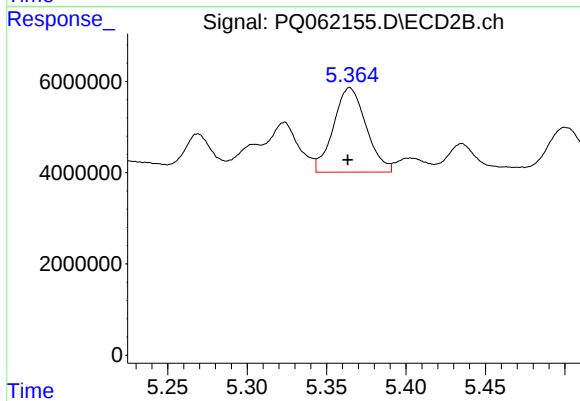
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 21600044
Conc: 129.69 ng/ml



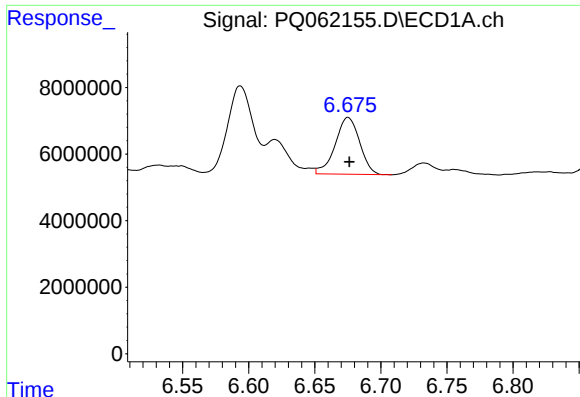
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 28821210
Conc: 99.79 ng/ml



#32 AR-1260-2

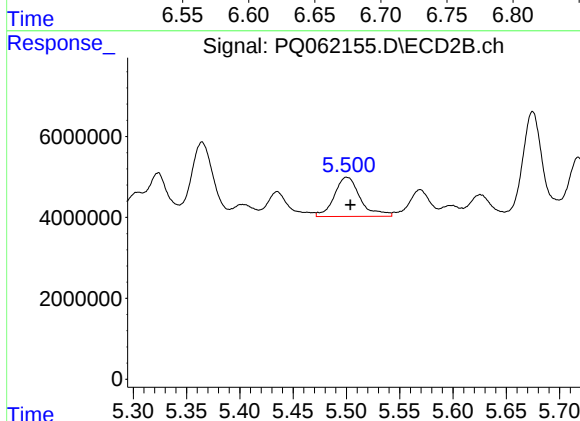
R.T.: 5.365 min
Delta R.T.: 0.001 min
Response: 26578481
Conc: 127.81 ng/ml



#33 AR-1260-3

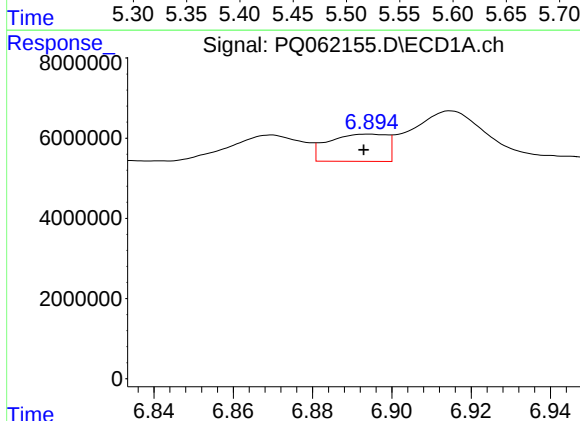
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 21988900
Conc: 124.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



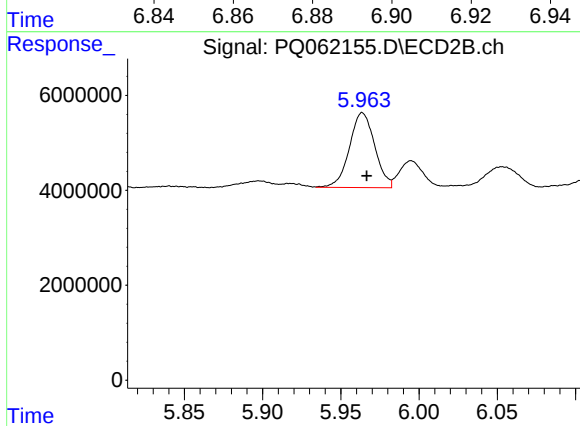
#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 16498434
Conc: 84.80 ng/ml



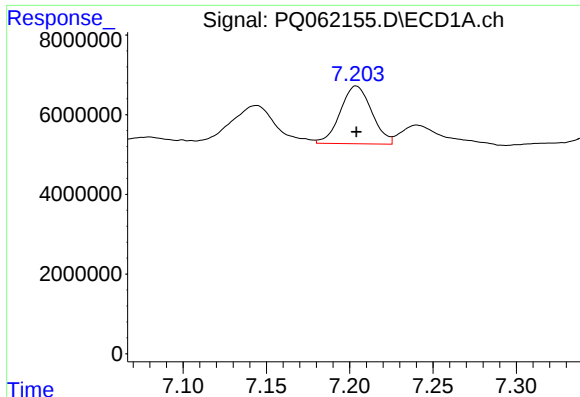
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.001 min
Response: 6961262
Conc: 33.05 ng/ml



#34 AR-1260-4

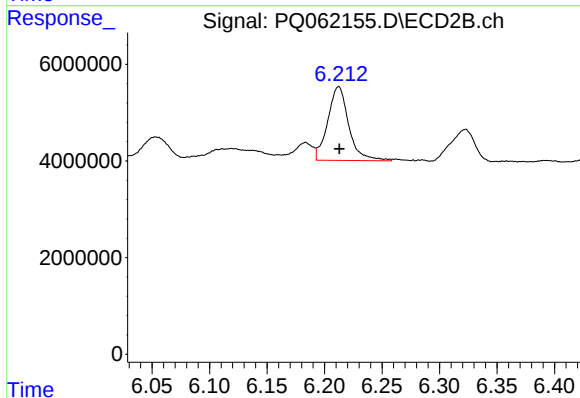
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 17708658
Conc: 121.41 ng/ml



#35 AR-1260-5

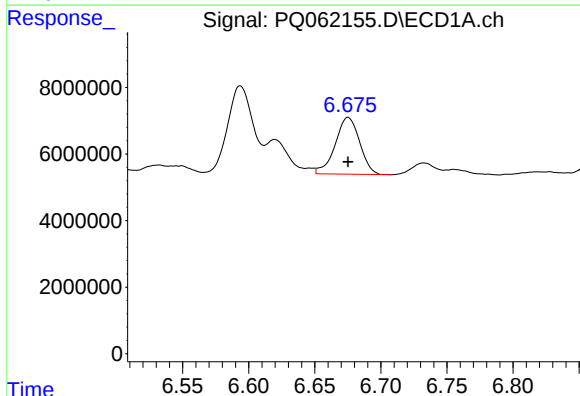
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 19018591
Conc: 46.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



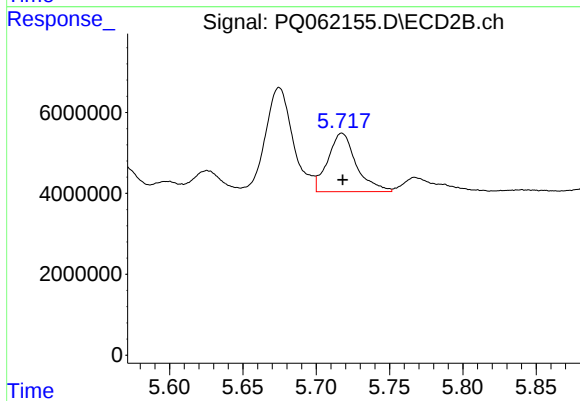
#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 19500209
Conc: 58.73 ng/ml



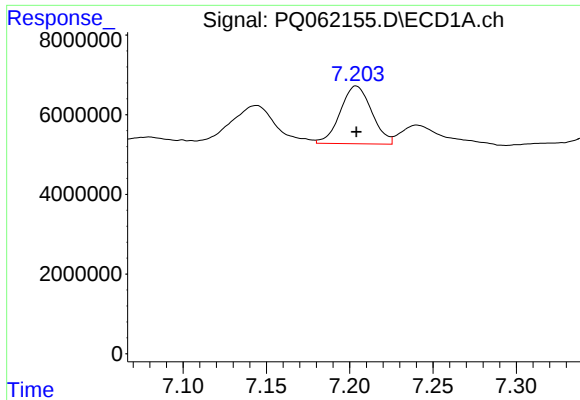
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 21988900
Conc: 72.11 ng/ml



#36 AR-1262-1

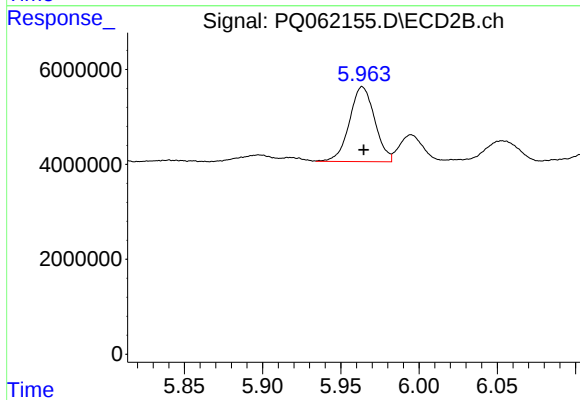
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 19481422
Conc: 83.80 ng/ml



#37 AR-1262-2

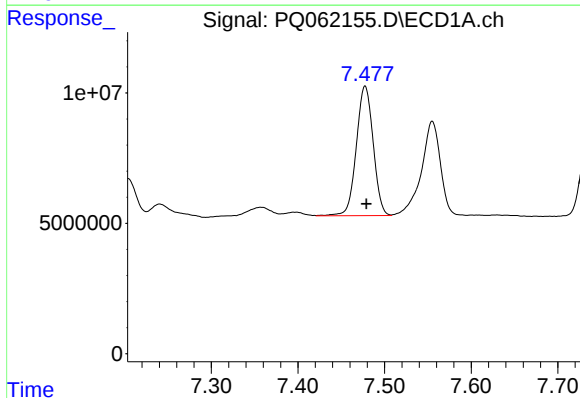
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 19018591
Conc: 36.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



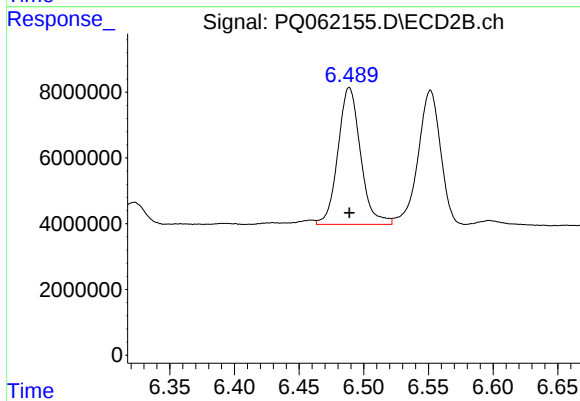
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 17708658
Conc: 81.91 ng/ml



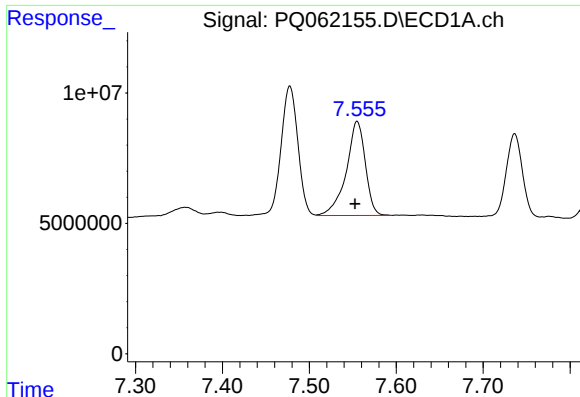
#38 AR-1262-3

R.T.: 7.478 min
Delta R.T.: -0.002 min
Response: 67104746
Conc: 190.47 ng/ml



#38 AR-1262-3

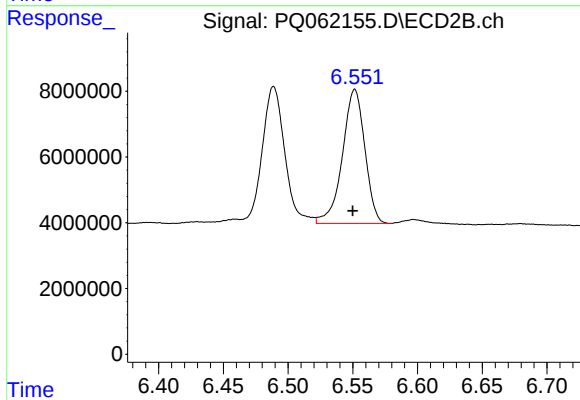
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 50585662
Conc: 290.18 ng/ml



#39 AR-1262-4

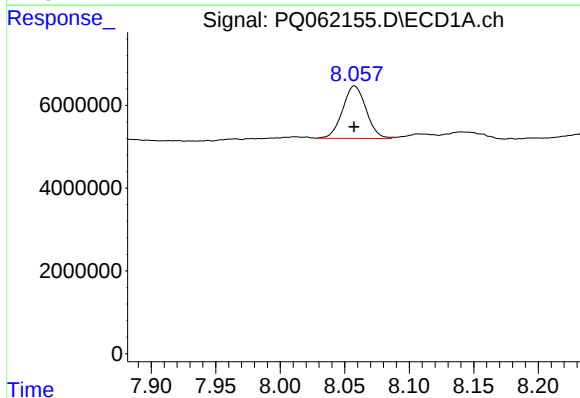
R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 55116692
Conc: 206.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



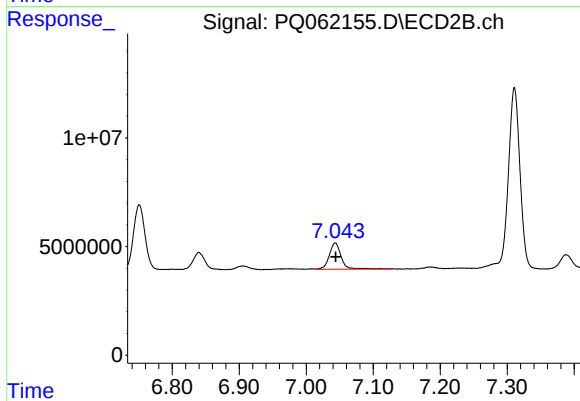
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: 0.002 min
Response: 49189616
Conc: 152.62 ng/ml



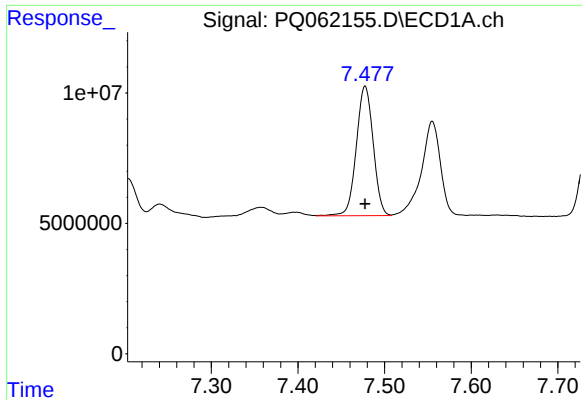
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 16096885
Conc: 90.68 ng/ml



#40 AR-1262-5

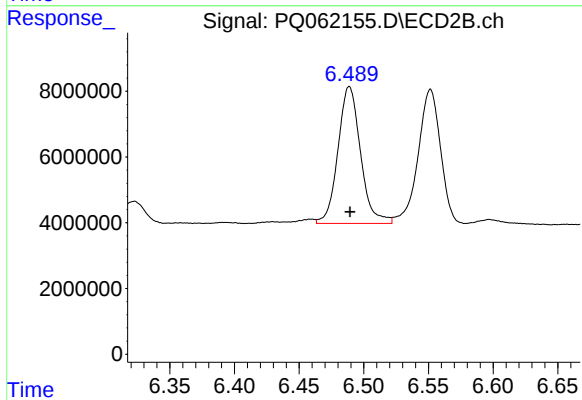
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 14995975
Conc: 96.68 ng/ml



#41 AR-1268-1

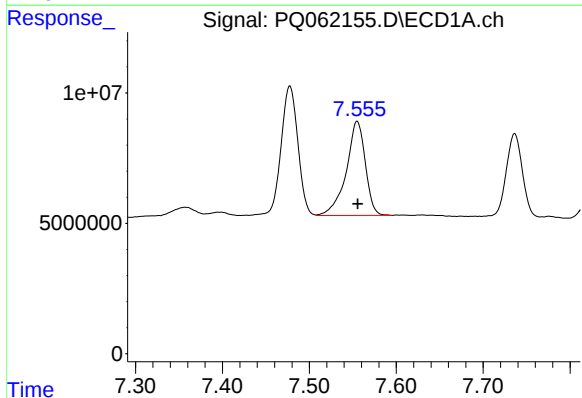
R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 67104746
Conc: 118.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



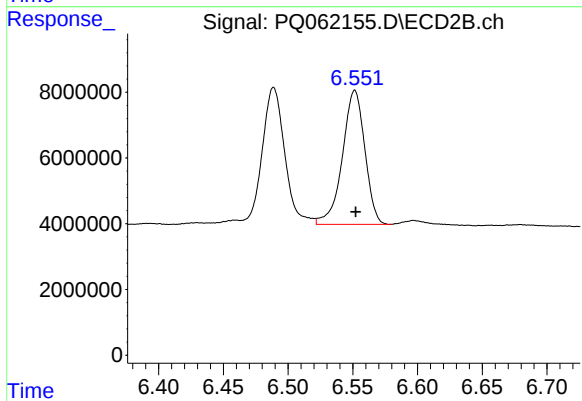
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 50585662
Conc: 107.51 ng/ml



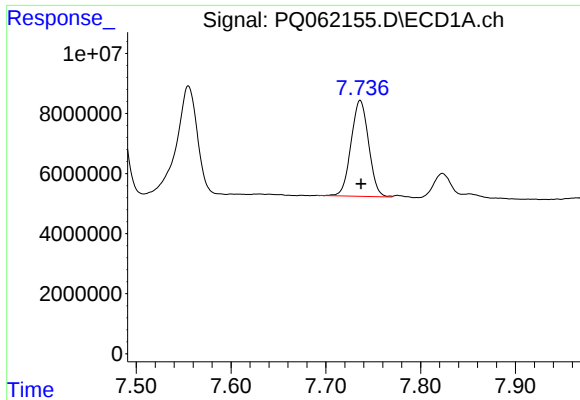
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 55116692
Conc: 108.10 ng/ml



#42 AR-1268-2

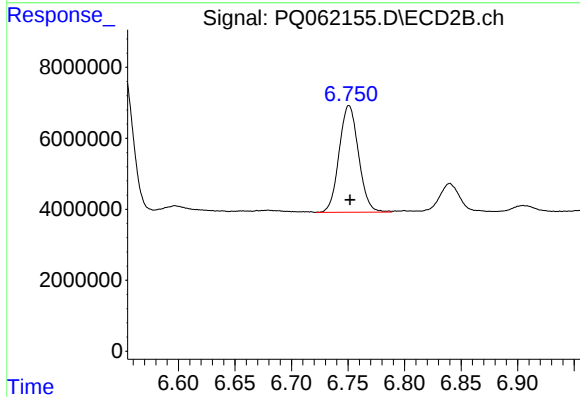
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 49189616
Conc: 116.09 ng/ml



#43 AR-1268-3

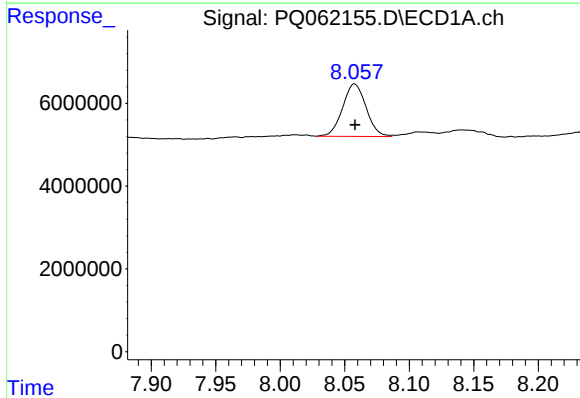
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 41193236
Conc: 96.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



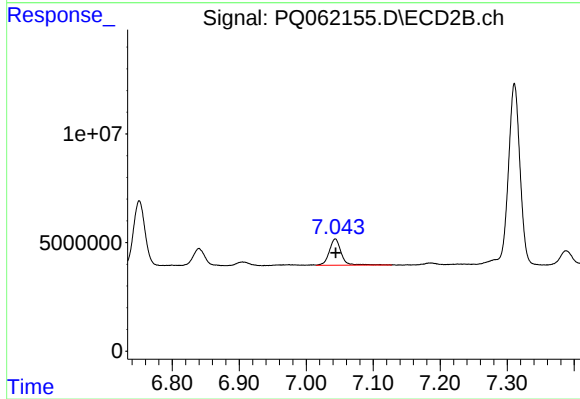
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 35956696
Conc: 97.62 ng/ml



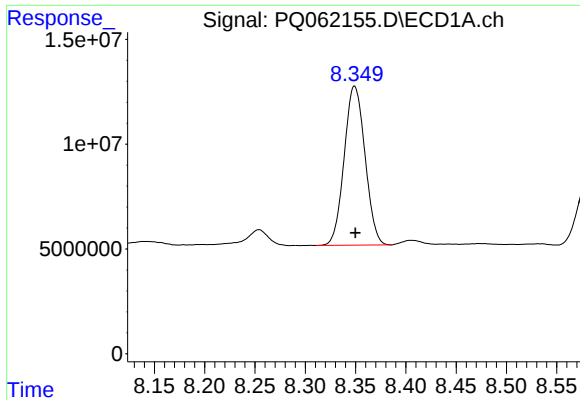
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 16096885
Conc: 87.97 ng/ml



#44 AR-1268-4

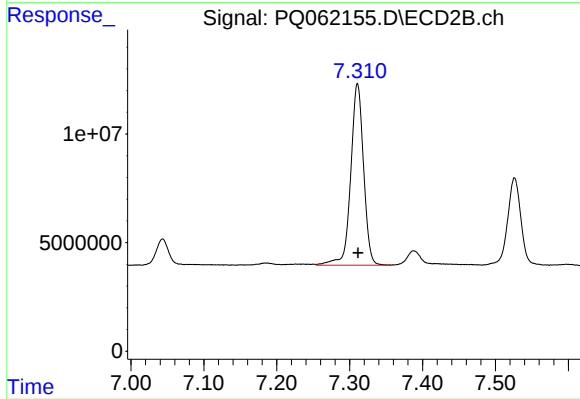
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 14995975
Conc: 93.76 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 109558103
Conc: 86.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: -0.001 min
Response: 102400615
Conc: 87.75 ng/ml