

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082724\
 Data File : PQ068251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 01:18
 Operator : YP\AJ
 Sample : P3693-21
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 E1K82

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 08:19:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.437	2.822	147.5E6	146.3E6	18.672	20.663
2) SA Decachlor...	8.607	7.601	107.4E6	135.6E6	47.226	40.080
Target Compounds						
3) L1 AR-1016-1	4.538	3.828	10852757	11788917	48.018	53.882
4) L1 AR-1016-2	4.557	3.843	16213739	15114067	46.067	46.154
5) L1 AR-1016-3	4.615	4.004	9069896	9352094	41.673	53.317 #
6) L1 AR-1016-4	4.707	4.054	8301338	11743200	45.895	80.543 #
7) L1 AR-1016-5	4.994	4.249	14759879	21396781	84.927	116.184 #
8) L2 AR-1221-1	3.628	0.000	2233173	0	24.321	N.D. #
9) L2 AR-1221-2	3.715	3.094	2765329	4035493	43.315	67.700 #
10) L2 AR-1221-3	3.785	3.167	3712185	2856985	17.975	14.788
11) L3 AR-1232-1	3.785	3.167	3712185	2856985	22.488	18.777
12) L3 AR-1232-2	4.280	3.843	17822720	15114067	196.226	97.461 #
13) L3 AR-1232-3	4.557	4.004	16213739	9352094	95.874	115.013
14) L3 AR-1232-4	4.707	4.090	8301338	10673209	96.079	152.800 #
15) L3 AR-1232-5	4.803	4.249	10523430	21396781	186.350	272.210 #
16) L4 AR-1242-1	4.538	3.828	10852757	11788917	53.095	60.934
17) L4 AR-1242-2	4.557	3.843	16213739	15114067	51.817	52.006
18) L4 AR-1242-3	4.615	4.004	9069896	9352094	46.356	60.377 #
19) L4 AR-1242-4	4.707	4.090	8301338	10673209	51.363	72.947 #
20) L4 AR-1242-5	5.422	4.588	26618665	26392672	157.441	136.530
21) L5 AR-1248-1	4.538	3.828	10852757	11788917	70.492	82.638
22) L5 AR-1248-2	4.803	4.054	10523430	11743200	50.077	53.093
23) L5 AR-1248-3	4.994	4.090	14759879	10673209	58.500	49.703
24) L5 AR-1248-4	5.387	4.249	22483426	21396781	79.959	81.020
25) L5 AR-1248-5	5.422	4.626	26618665	23346559	94.298	88.248
26) L6 AR-1254-1	5.358	4.588	30303229	26392672	109.537	67.170 #
27) L6 AR-1254-2	5.573	4.736	17970382	23722935	42.083	69.132 #
28) L6 AR-1254-3	5.930	5.117	21619198	34663171	48.135	64.039 #
29) L6 AR-1254-4	6.216	5.346	247.2E6	103.4E6	773.212	306.408 #
30) L6 AR-1254-5	6.635	5.749	85241524	16521868	245.851	33.909 #
31) L7 AR-1260-1	0.000	5.252	0	100.6E6	N.D.	276.715 #
32) L7 AR-1260-2	6.348	5.420	28469154	4018262	75.554	9.155 #
33) L7 AR-1260-3	0.000	5.645f	0	17391164	N.D.	40.349 #
34) L7 AR-1260-4	6.938	0.000	55602546	0	182.114	N.D. #
35) L7 AR-1260-5	7.189f	6.318	17871074	7957552	30.621	10.026 #
36) L8 AR-1262-1	0.000	5.779	0	1120205	N.D.	2.177 #
37) L8 AR-1262-2	7.189f	6.318	17871074	7957552	26.166	8.837 #
38) L8 AR-1262-3	7.441f	6.554	223546	2673001	0.505	7.782 #
39) L8 AR-1262-4	7.615	0.000	241.2E6	0	704.159	N.D. #
40) L8 AR-1262-5	8.096	0.000	43341305	0	206.363	N.D. #
41) L9 AR-1268-1	7.441f	6.554	223546	2673001	0.291	2.683 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 01:18
 Operator : YP\AJ
 Sample : P3693-21
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

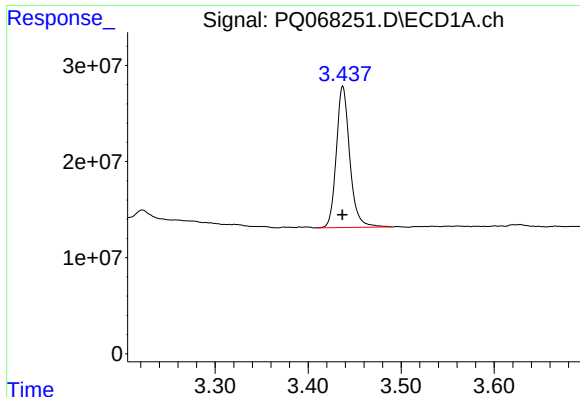
Instrument :
 ECD_Q
 ClientSampleId :
 E1K82

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 08:19:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	7.615	0.000	241.2E6	0	336.176	N.D. #
43) L9	AR-1268-3	7.796	6.881f	61631391	23813569	106.668	29.187 #
44) L9	AR-1268-4	8.096	0.000	43341305	0	188.077	N.D. #
45) L9	AR-1268-5	8.374	7.399	19780360	1317643	12.167	0.545 #

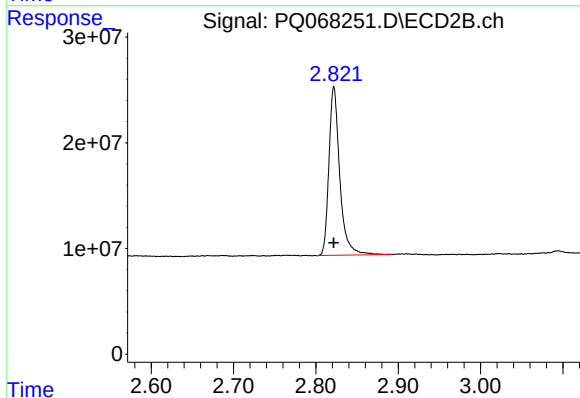
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

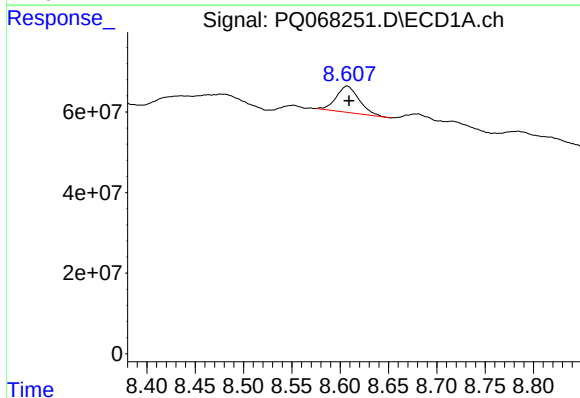
R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 147514428
Conc: 18.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



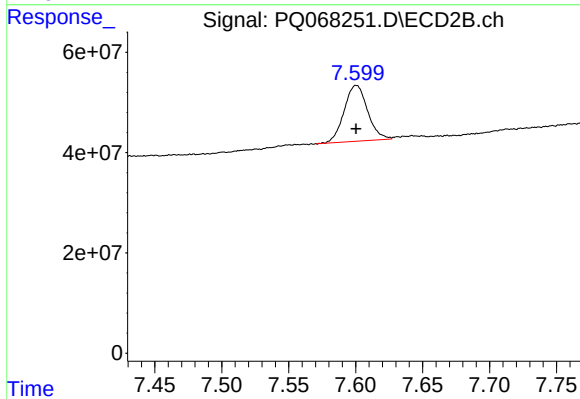
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 146344801
Conc: 20.66 ng/ml



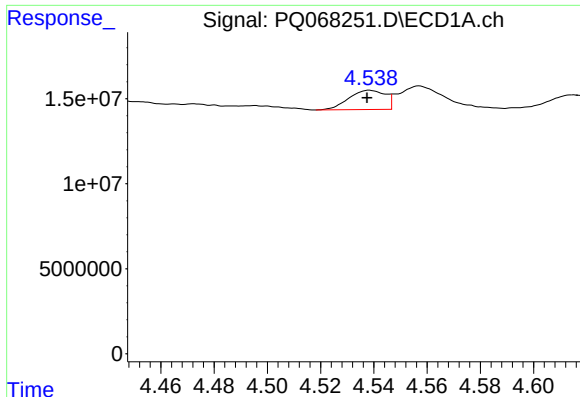
#2 Decachlorobiphenyl

R.T.: 8.607 min
Delta R.T.: -0.002 min
Response: 107412425
Conc: 47.23 ng/ml



#2 Decachlorobiphenyl

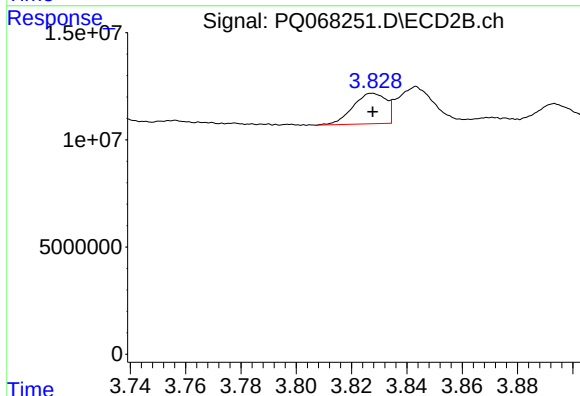
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 135553446
Conc: 40.08 ng/ml



#3 AR-1016-1

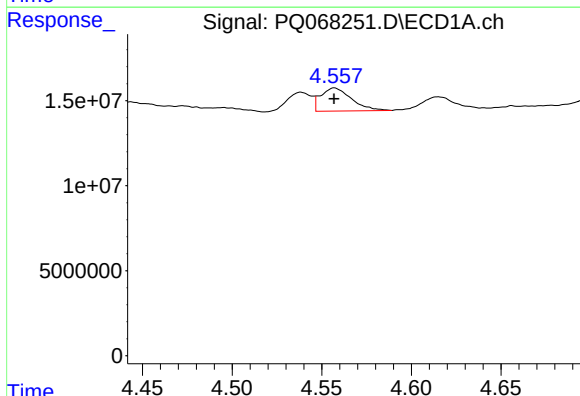
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 10852757
Conc: 48.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



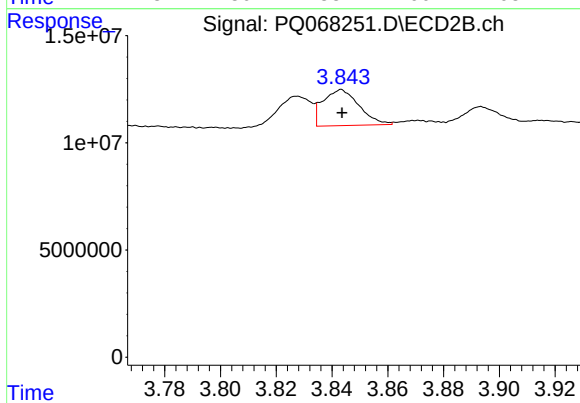
#3 AR-1016-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 11788917
Conc: 53.88 ng/ml



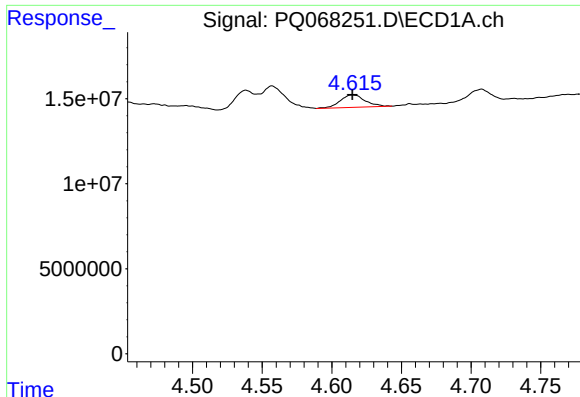
#4 AR-1016-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 16213739
Conc: 46.07 ng/ml



#4 AR-1016-2

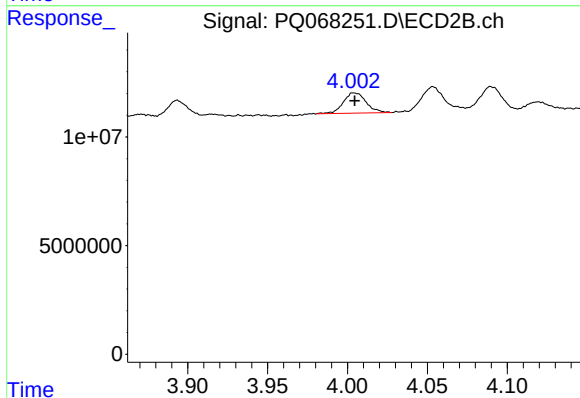
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 15114067
Conc: 46.15 ng/ml



#5 AR-1016-3

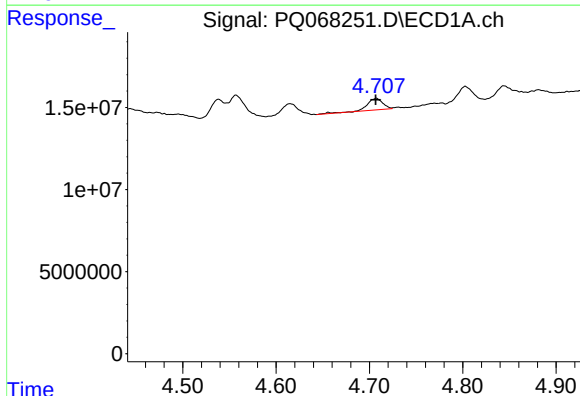
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 9069896
Conc: 41.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



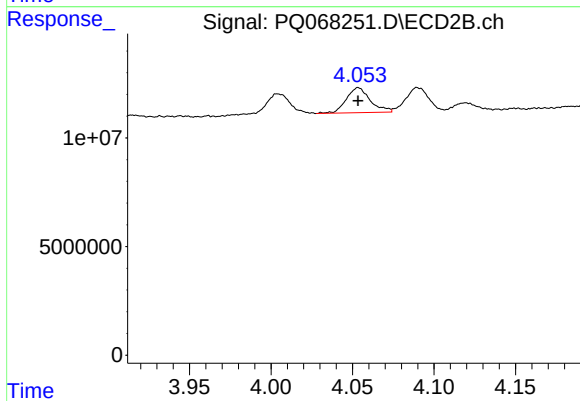
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 9352094
Conc: 53.32 ng/ml



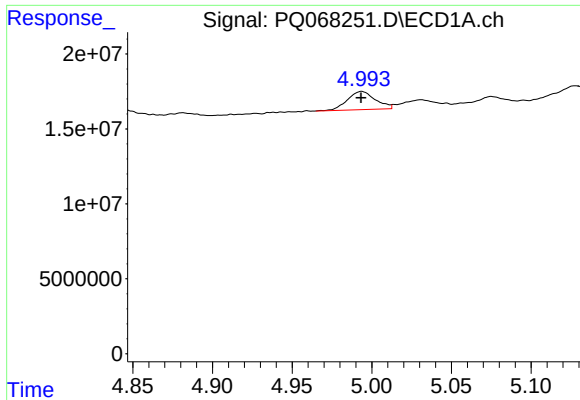
#6 AR-1016-4

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 8301338
Conc: 45.90 ng/ml



#6 AR-1016-4

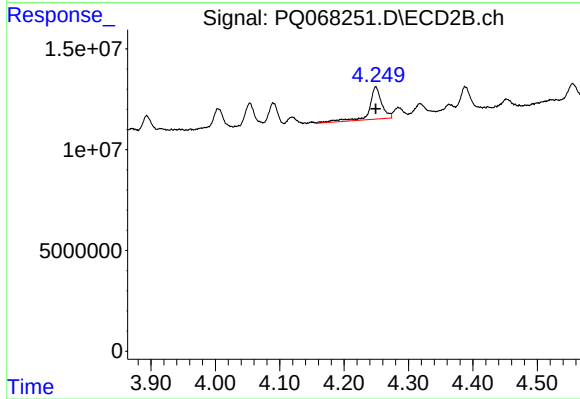
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 11743200
Conc: 80.54 ng/ml



#7 AR-1016-5

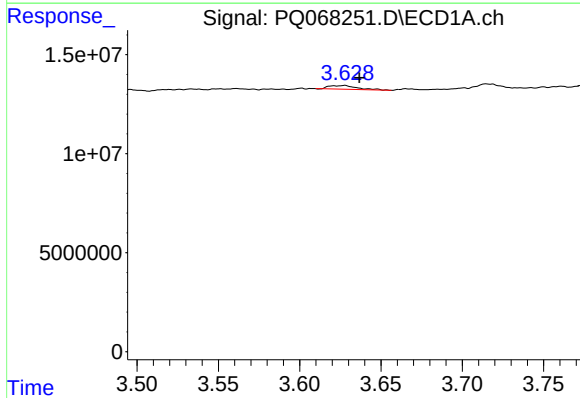
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 14759879
Conc: 84.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



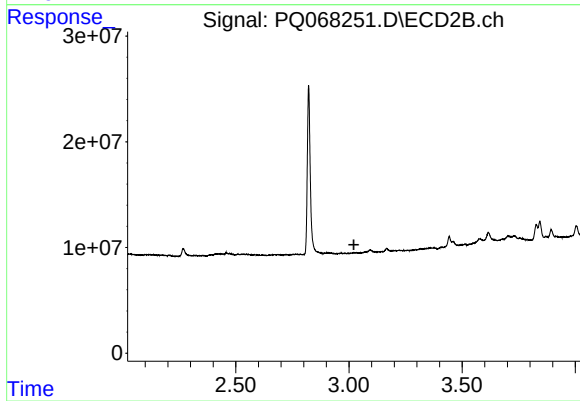
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 21396781
Conc: 116.18 ng/ml



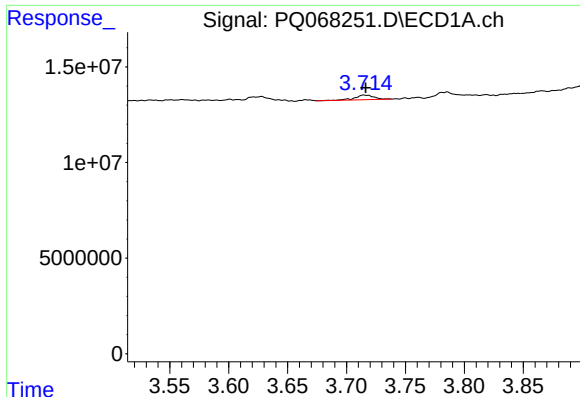
#8 AR-1221-1

R.T.: 3.628 min
Delta R.T.: -0.009 min
Response: 2233173
Conc: 24.32 ng/ml



#8 AR-1221-1

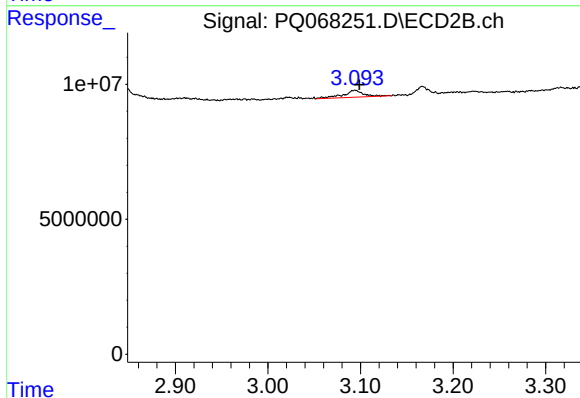
R.T.: 0.000 min
Exp R.T. : 3.022 min
Response: 0
Conc: N.D.



#9 AR-1221-2

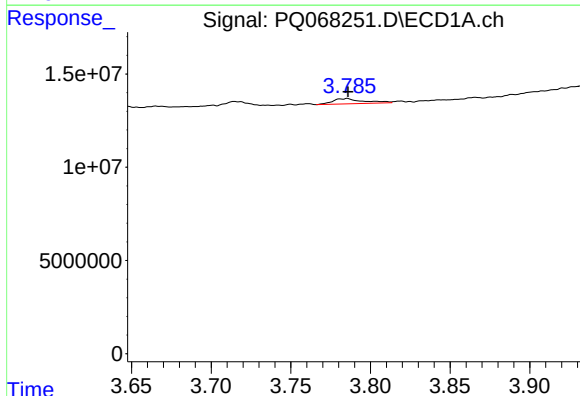
R.T.: 3.715 min
Delta R.T.: -0.001 min
Response: 2765329
Conc: 43.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



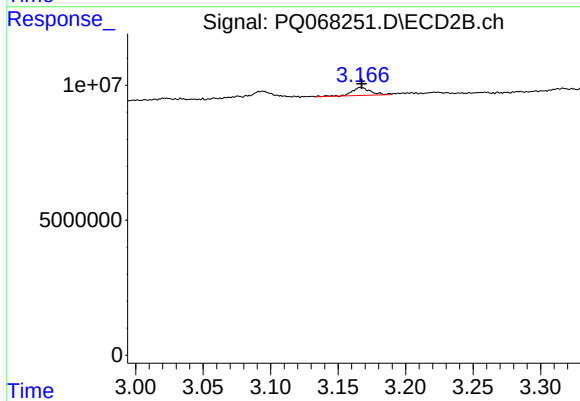
#9 AR-1221-2

R.T.: 3.094 min
Delta R.T.: -0.005 min
Response: 4035493
Conc: 67.70 ng/ml



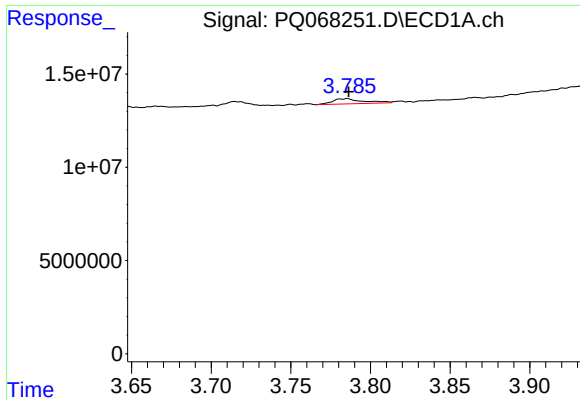
#10 AR-1221-3

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 3712185
Conc: 17.97 ng/ml



#10 AR-1221-3

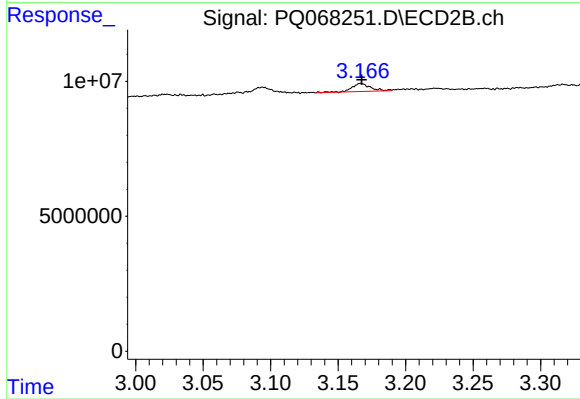
R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 2856985
Conc: 14.79 ng/ml



#11 AR-1232-1

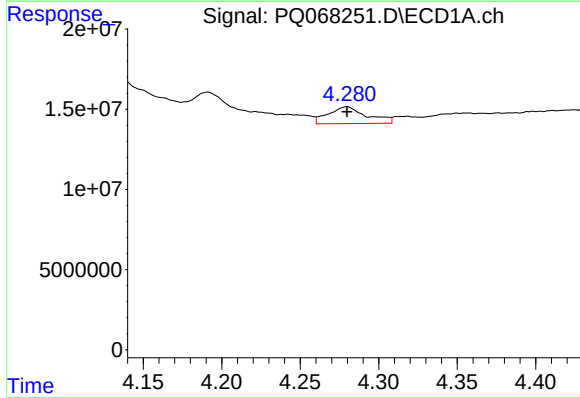
R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 3712185
Conc: 22.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



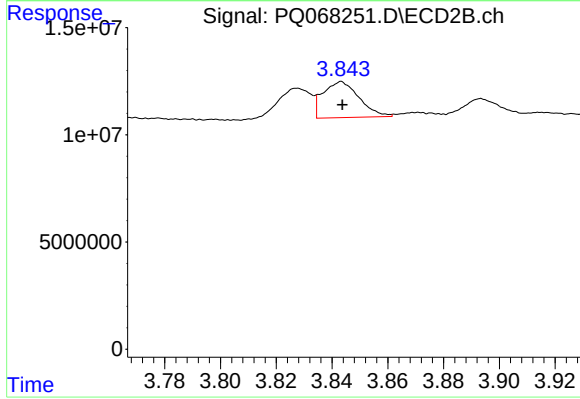
#11 AR-1232-1

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 2856985
Conc: 18.78 ng/ml



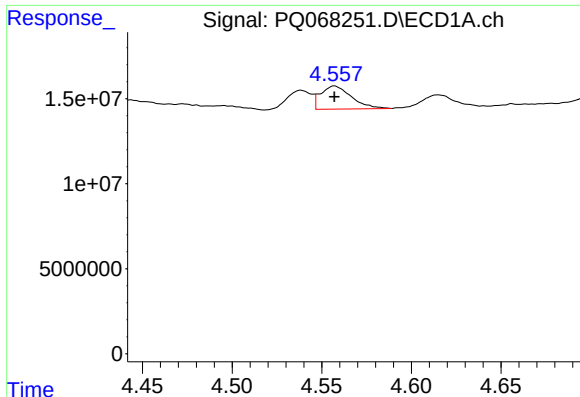
#12 AR-1232-2

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 17822720
Conc: 196.23 ng/ml



#12 AR-1232-2

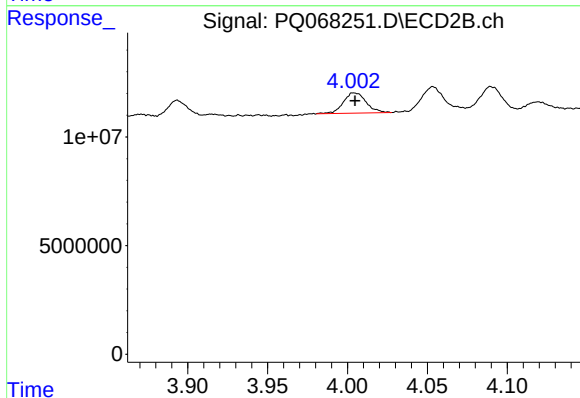
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 15114067
Conc: 97.46 ng/ml



#13 AR-1232-3

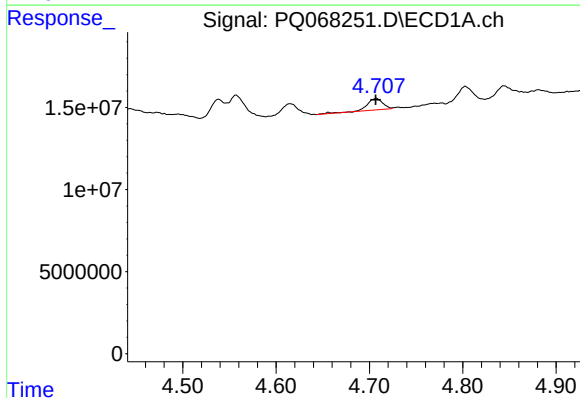
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 16213739
Conc: 95.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



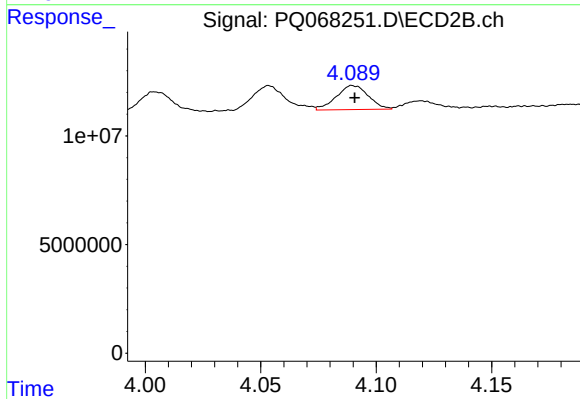
#13 AR-1232-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 9352094
Conc: 115.01 ng/ml



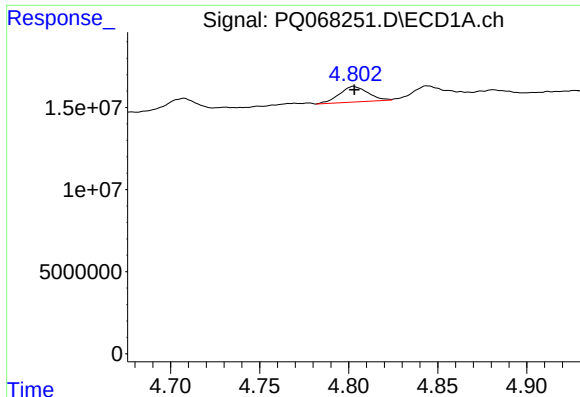
#14 AR-1232-4

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 8301338
Conc: 96.08 ng/ml



#14 AR-1232-4

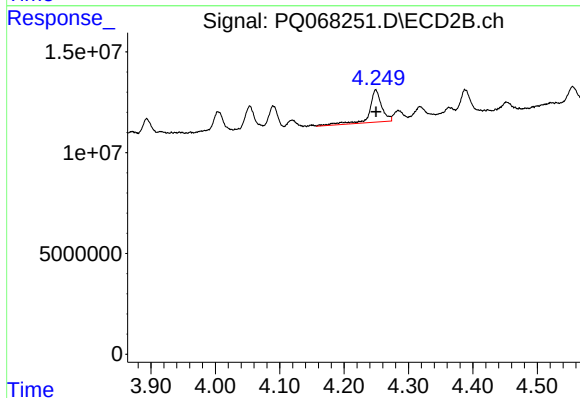
R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 10673209
Conc: 152.80 ng/ml



#15 AR-1232-5

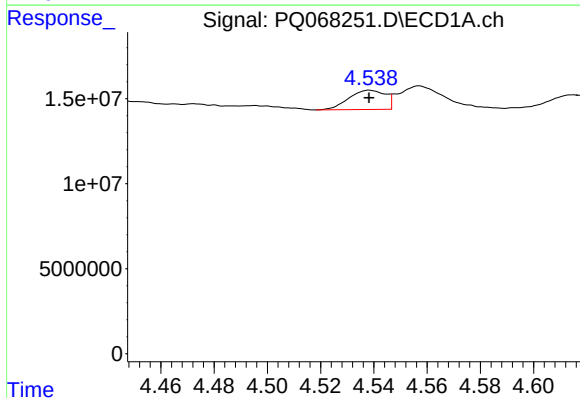
R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 10523430
Conc: 186.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



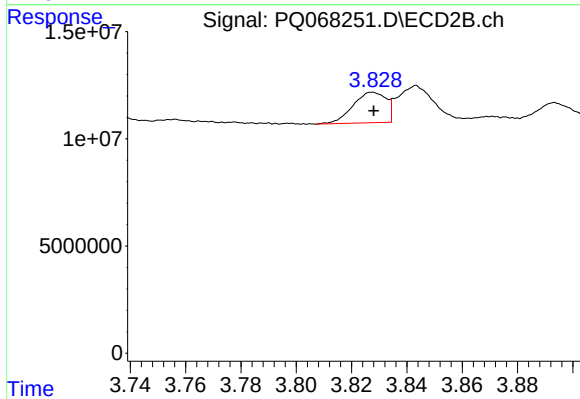
#15 AR-1232-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 21396781
Conc: 272.21 ng/ml



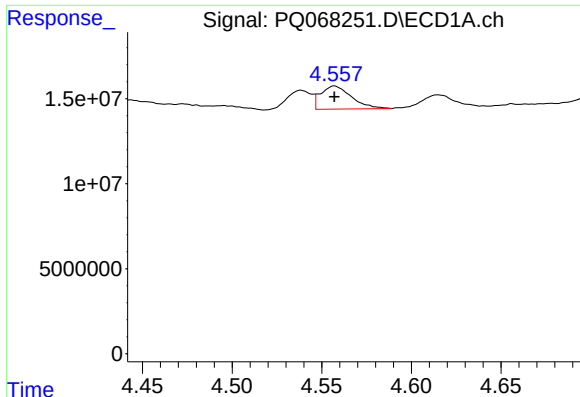
#16 AR-1242-1

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 10852757
Conc: 53.10 ng/ml



#16 AR-1242-1

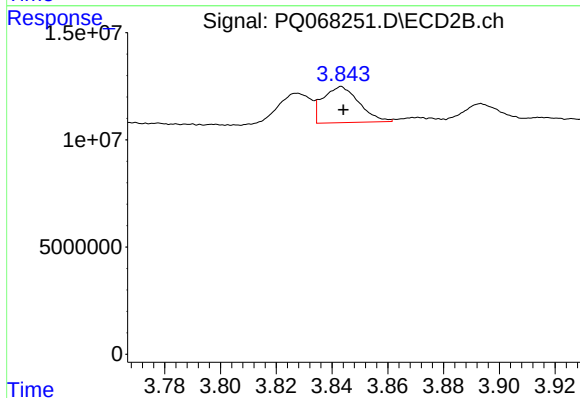
R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 11788917
Conc: 60.93 ng/ml



#17 AR-1242-2

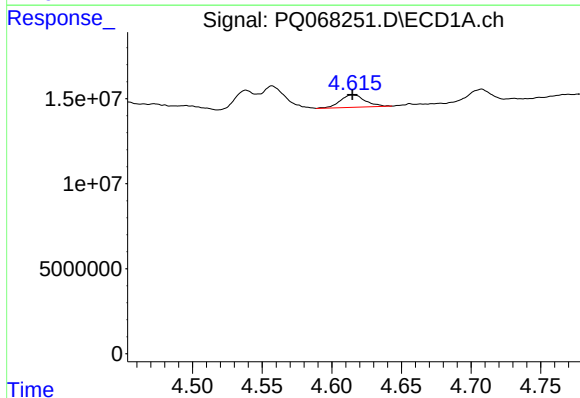
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 16213739
Conc: 51.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



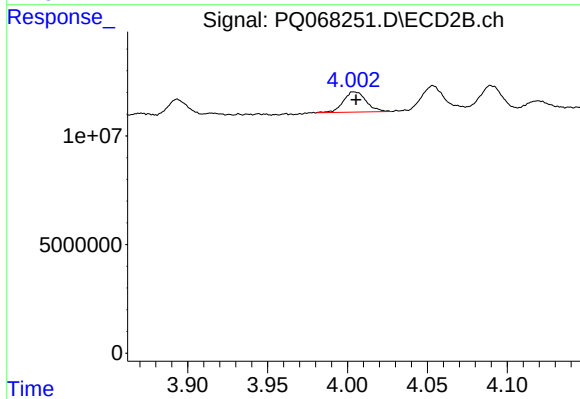
#17 AR-1242-2

R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 15114067
Conc: 52.01 ng/ml



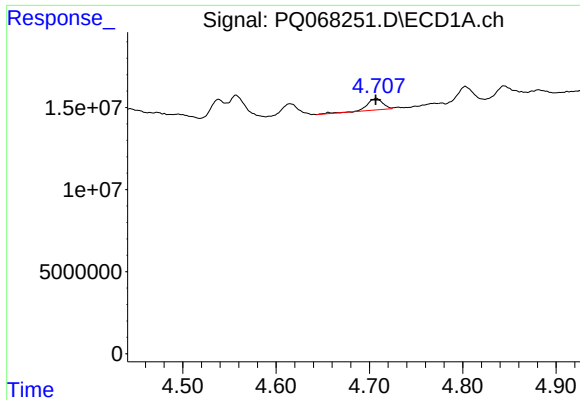
#18 AR-1242-3

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 9069896
Conc: 46.36 ng/ml



#18 AR-1242-3

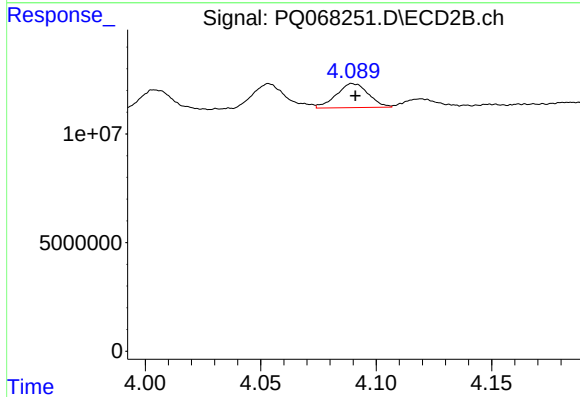
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 9352094
Conc: 60.38 ng/ml



#19 AR-1242-4

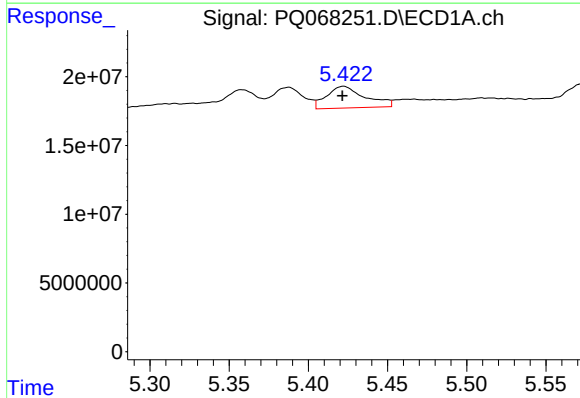
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 8301338
Conc: 51.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



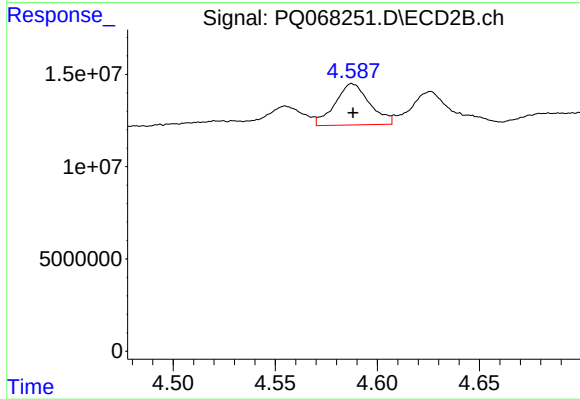
#19 AR-1242-4

R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 10673209
Conc: 72.95 ng/ml



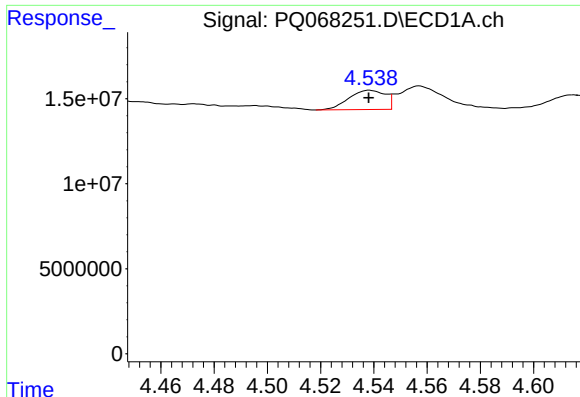
#20 AR-1242-5

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 26618665
Conc: 157.44 ng/ml



#20 AR-1242-5

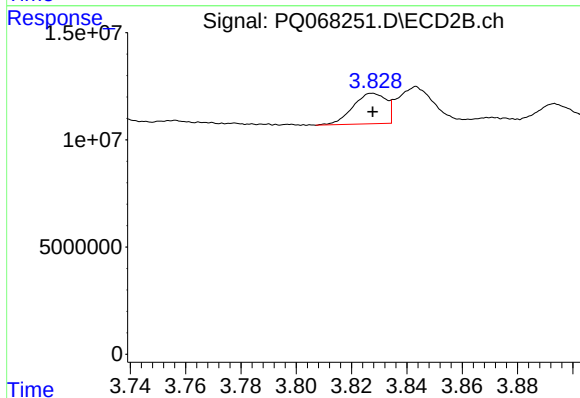
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 26392672
Conc: 136.53 ng/ml



#21 AR-1248-1

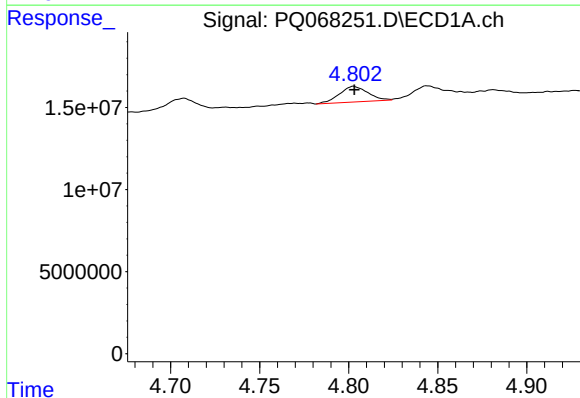
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 10852757
Conc: 70.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



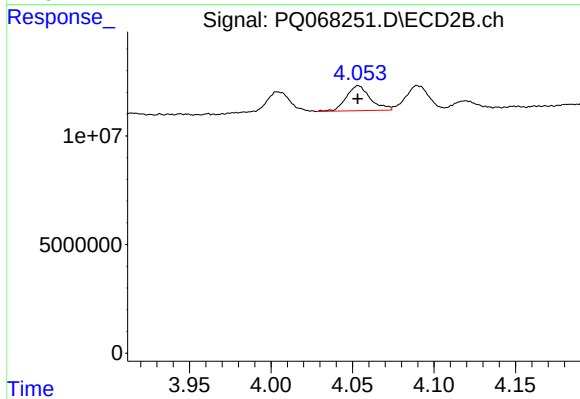
#21 AR-1248-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 11788917
Conc: 82.64 ng/ml



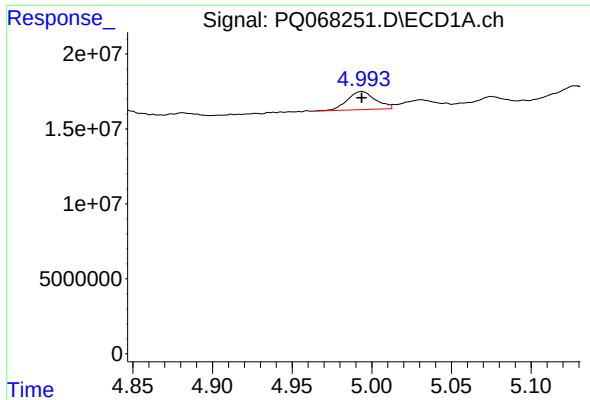
#22 AR-1248-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 10523430
Conc: 50.08 ng/ml



#22 AR-1248-2

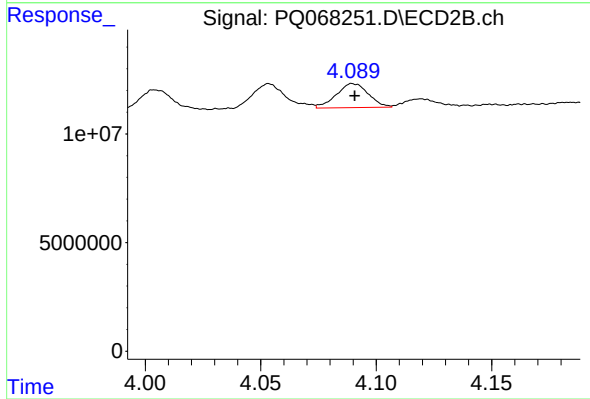
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 11743200
Conc: 53.09 ng/ml



#23 AR-1248-3

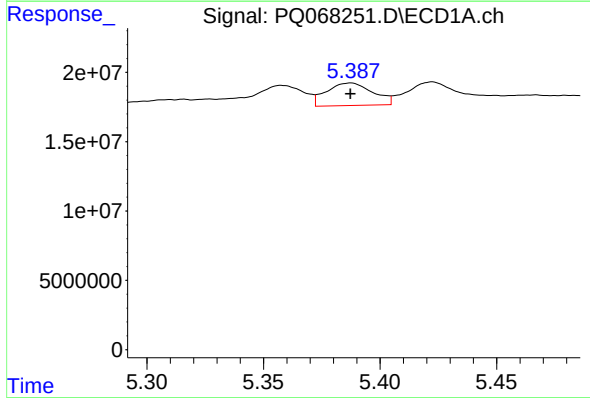
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 14759879
Conc: 58.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



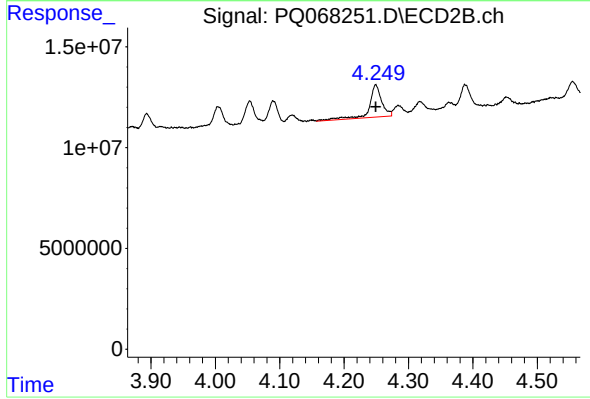
#23 AR-1248-3

R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 10673209
Conc: 49.70 ng/ml



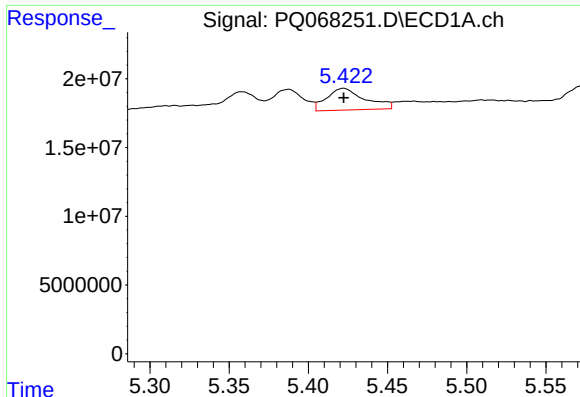
#24 AR-1248-4

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 22483426
Conc: 79.96 ng/ml



#24 AR-1248-4

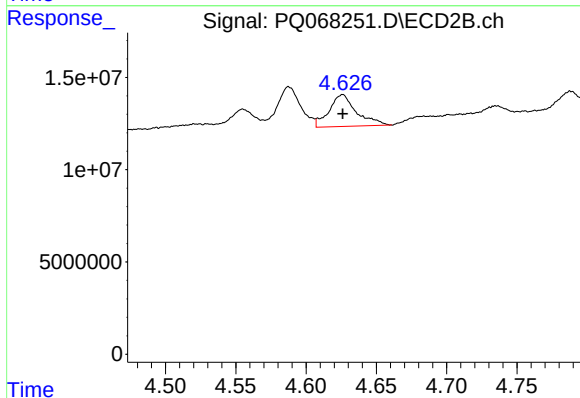
R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 21396781
Conc: 81.02 ng/ml



#25 AR-1248-5

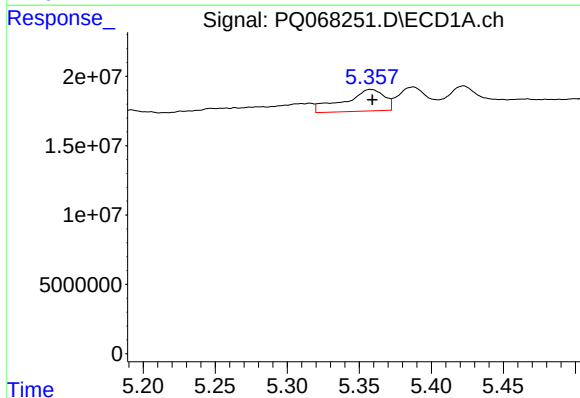
R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 26618665
Conc: 94.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



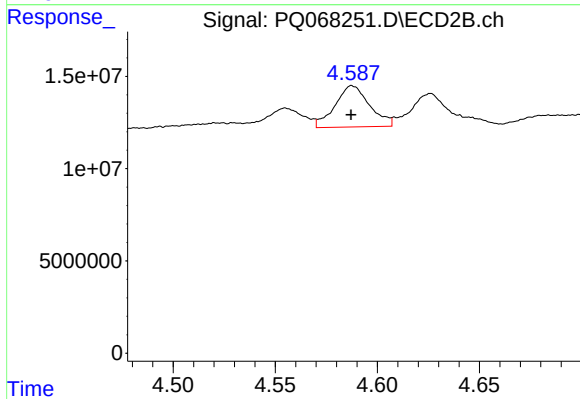
#25 AR-1248-5

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 23346559
Conc: 88.25 ng/ml



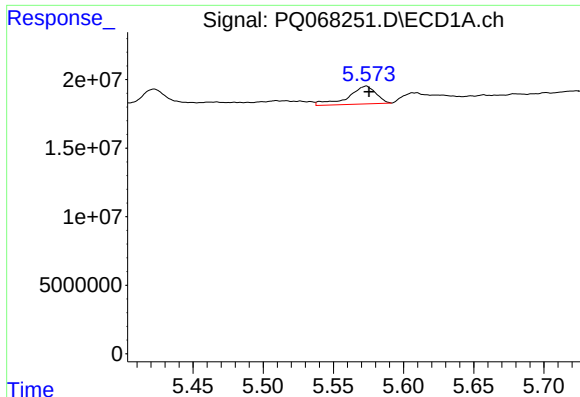
#26 AR-1254-1

R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 30303229
Conc: 109.54 ng/ml



#26 AR-1254-1

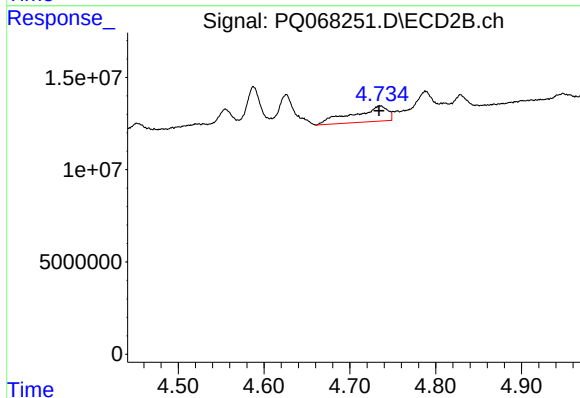
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 26392672
Conc: 67.17 ng/ml



#27 AR-1254-2

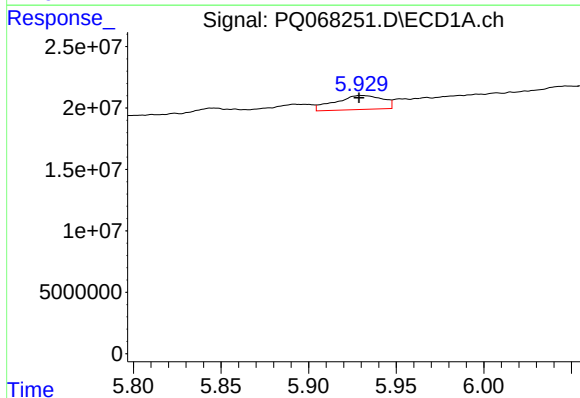
R.T.: 5.573 min
Delta R.T.: -0.002 min
Response: 17970382
Conc: 42.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



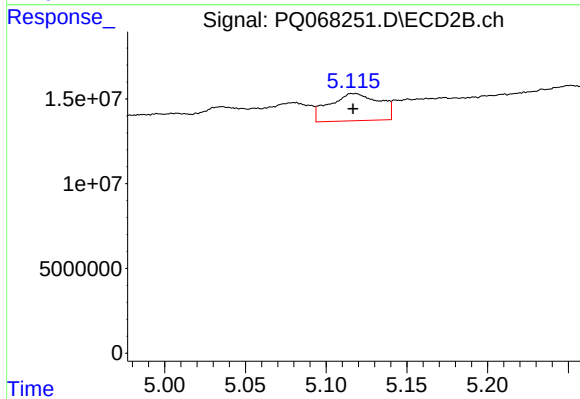
#27 AR-1254-2

R.T.: 4.736 min
Delta R.T.: 0.002 min
Response: 23722935
Conc: 69.13 ng/ml



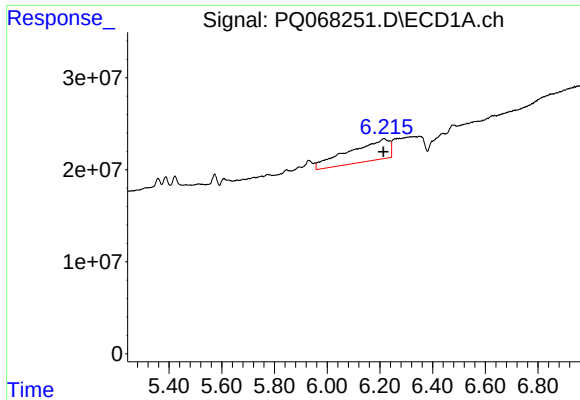
#28 AR-1254-3

R.T.: 5.930 min
Delta R.T.: 0.001 min
Response: 21619198
Conc: 48.13 ng/ml



#28 AR-1254-3

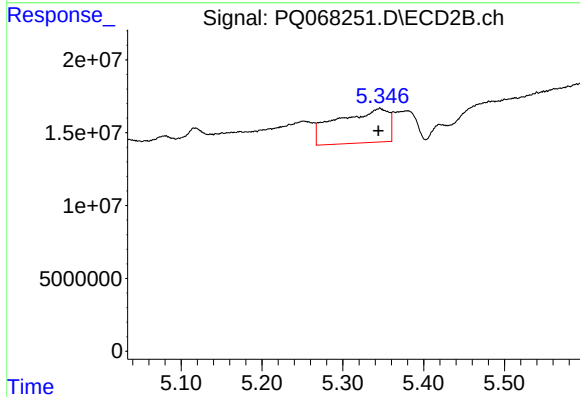
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 34663171
Conc: 64.04 ng/ml



#29 AR-1254-4

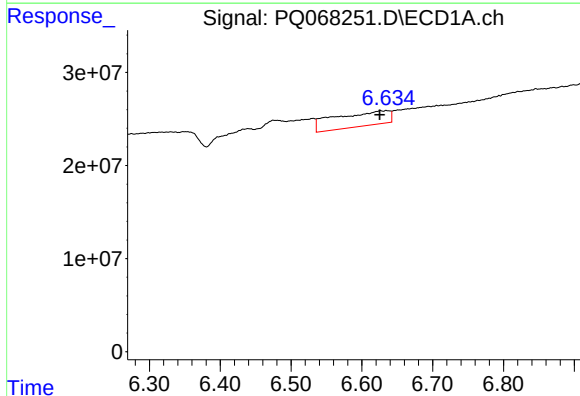
R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 247202102
Conc: 773.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



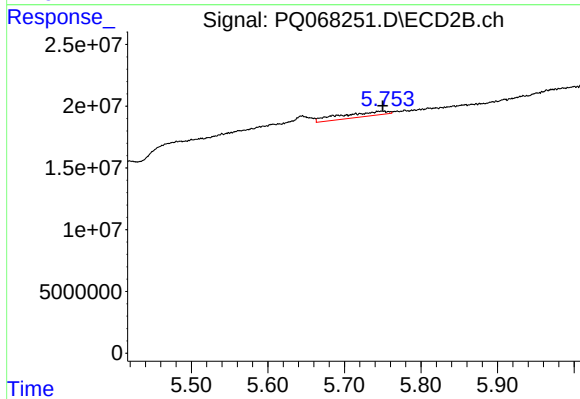
#29 AR-1254-4

R.T.: 5.346 min
Delta R.T.: 0.002 min
Response: 103353419
Conc: 306.41 ng/ml



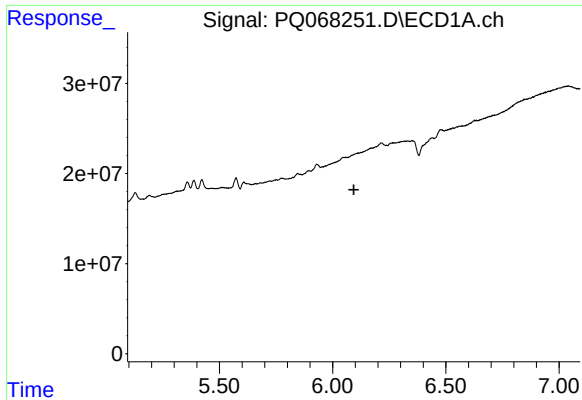
#30 AR-1254-5

R.T.: 6.635 min
Delta R.T.: 0.010 min
Response: 85241524
Conc: 245.85 ng/ml



#30 AR-1254-5

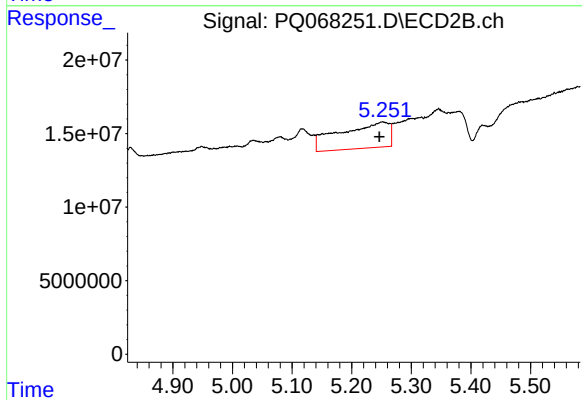
R.T.: 5.749 min
Delta R.T.: -0.001 min
Response: 16521868
Conc: 33.91 ng/ml



#31 AR-1260-1

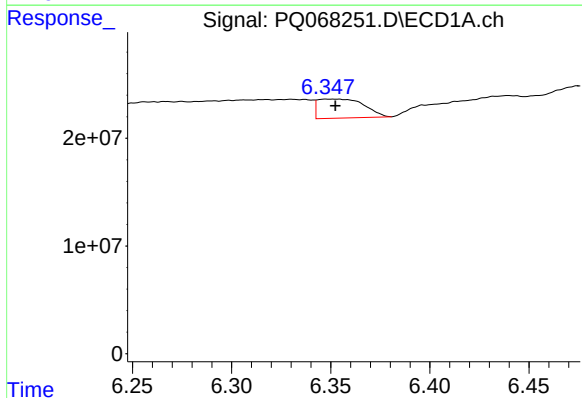
R.T.: 0.000 min
Exp R.T.: 6.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
E1K82



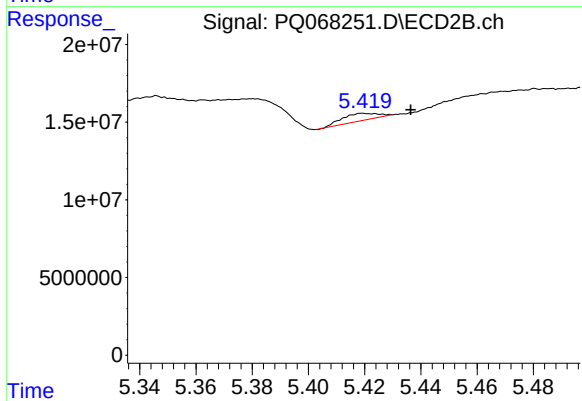
#31 AR-1260-1

R.T.: 5.252 min
Delta R.T.: 0.005 min
Response: 100641803
Conc: 276.71 ng/ml



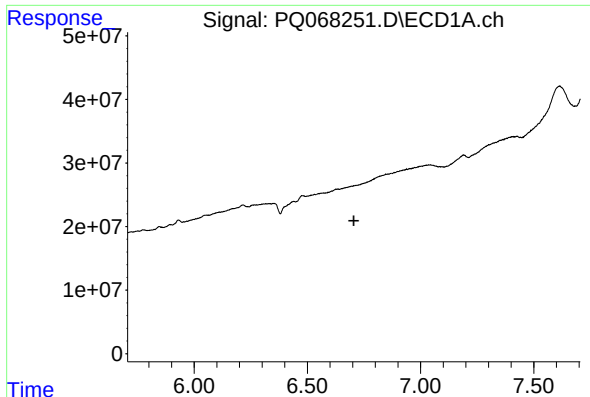
#32 AR-1260-2

R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 28469154
Conc: 75.55 ng/ml



#32 AR-1260-2

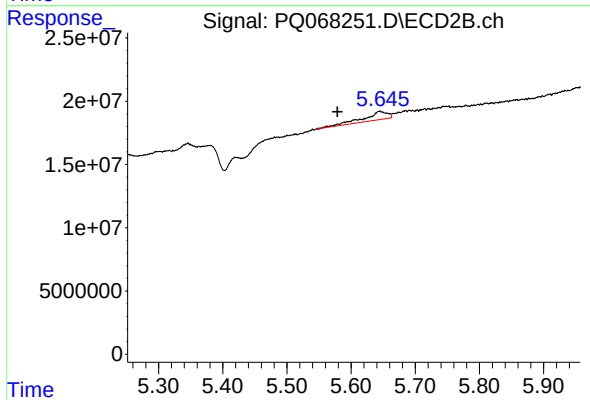
R.T.: 5.420 min
Delta R.T.: -0.016 min
Response: 4018262
Conc: 9.15 ng/ml



#33 AR-1260-3

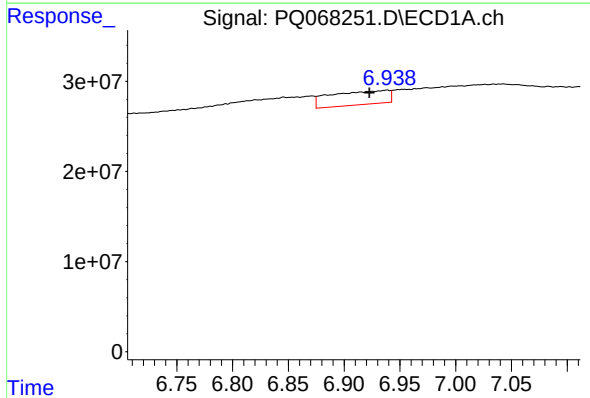
R.T.: 0.000 min
Exp R.T.: 6.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
E1K82



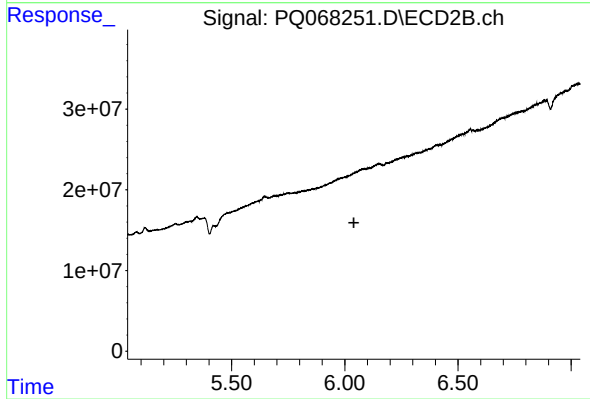
#33 AR-1260-3

R.T.: 5.645 min
Delta R.T.: 0.066 min
Response: 17391164
Conc: 40.35 ng/ml



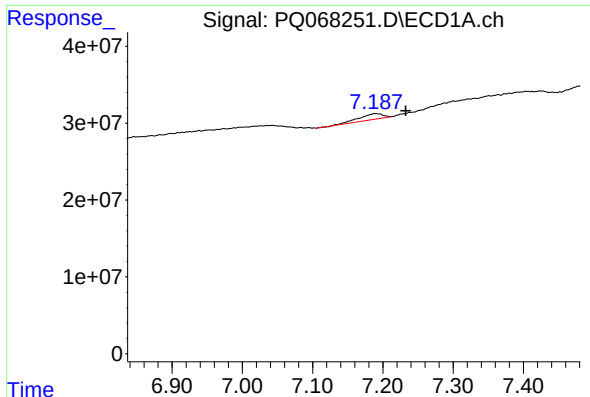
#34 AR-1260-4

R.T.: 6.938 min
Delta R.T.: 0.016 min
Response: 55602546
Conc: 182.11 ng/ml



#34 AR-1260-4

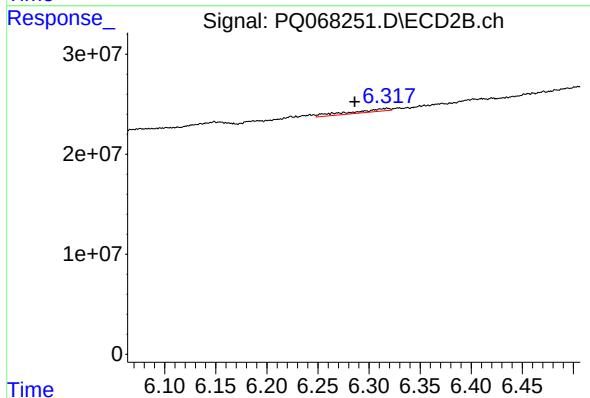
R.T.: 0.000 min
Exp R.T.: 6.040 min
Response: 0
Conc: N.D.



#35 AR-1260-5

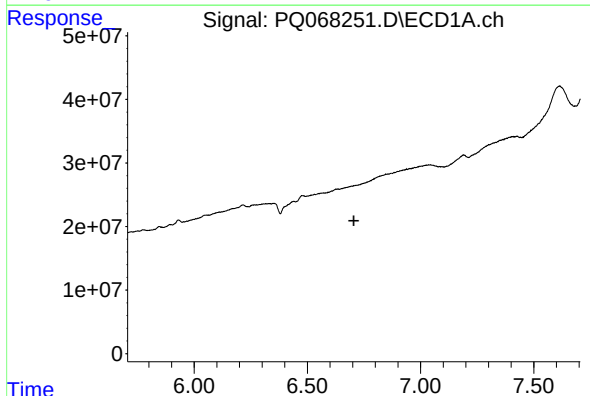
R.T.: 7.189 min
Delta R.T.: -0.044 min
Response: 17871074
Conc: 30.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



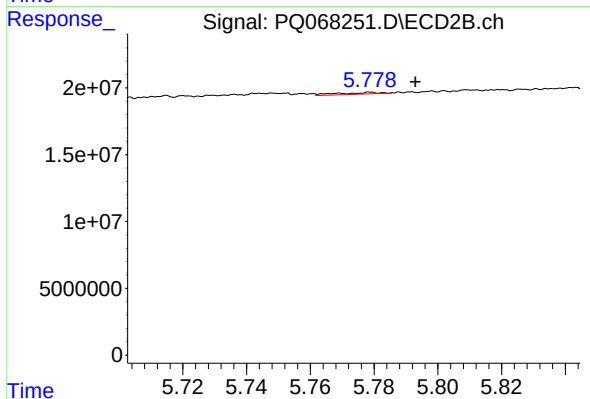
#35 AR-1260-5

R.T.: 6.318 min
Delta R.T.: 0.032 min
Response: 7957552
Conc: 10.03 ng/ml



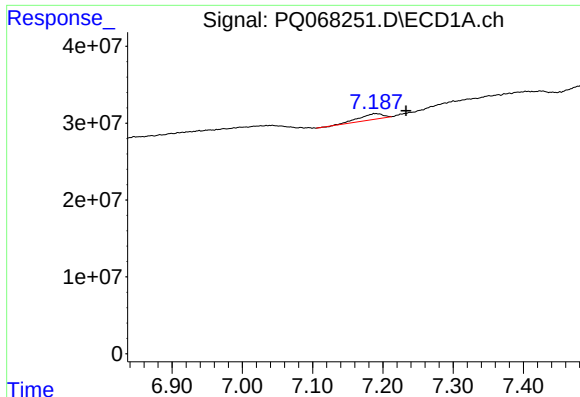
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.705 min
Response: 0
Conc: N.D.



#36 AR-1262-1

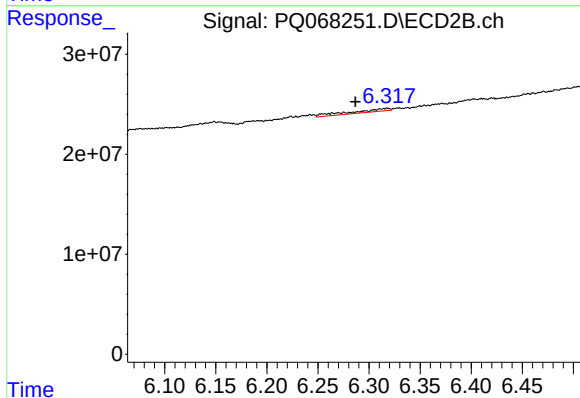
R.T.: 5.779 min
Delta R.T.: -0.014 min
Response: 1120205
Conc: 2.18 ng/ml



#37 AR-1262-2

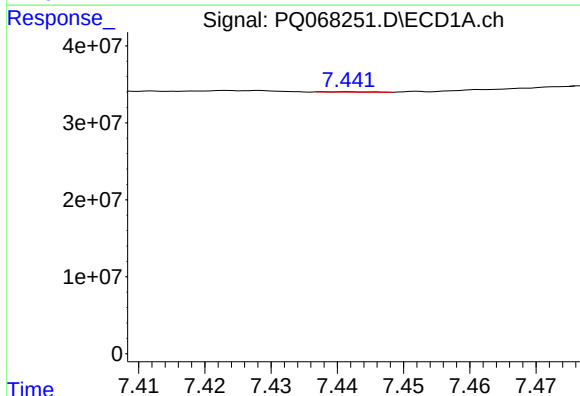
R.T.: 7.189 min
Delta R.T.: -0.044 min
Response: 17871074
Conc: 26.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



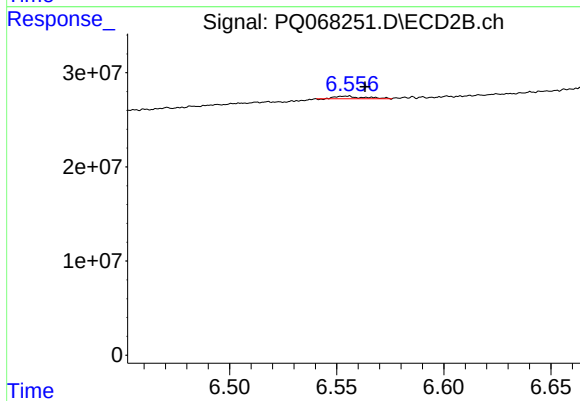
#37 AR-1262-2

R.T.: 6.318 min
Delta R.T.: 0.031 min
Response: 7957552
Conc: 8.84 ng/ml



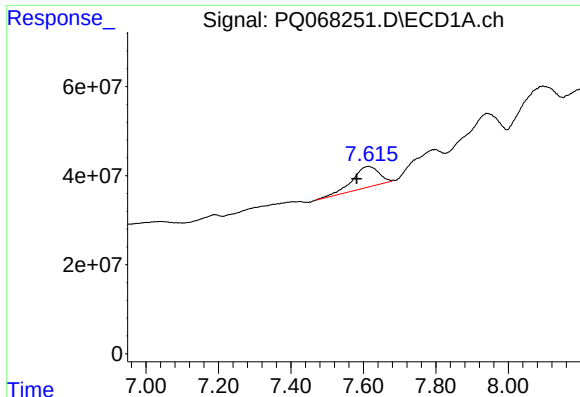
#38 AR-1262-3

R.T.: 7.441 min
Delta R.T.: -0.066 min
Response: 223546
Conc: 0.51 ng/ml



#38 AR-1262-3

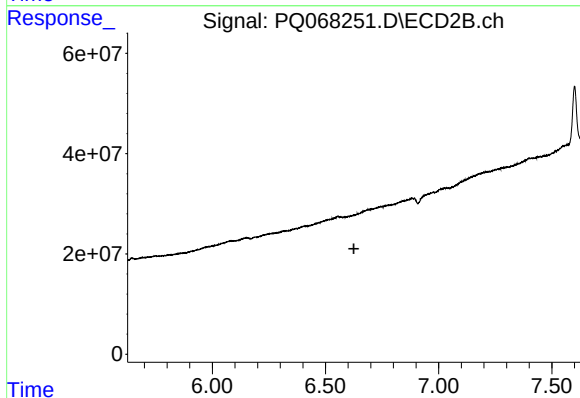
R.T.: 6.554 min
Delta R.T.: -0.009 min
Response: 2673001
Conc: 7.78 ng/ml



#39 AR-1262-4

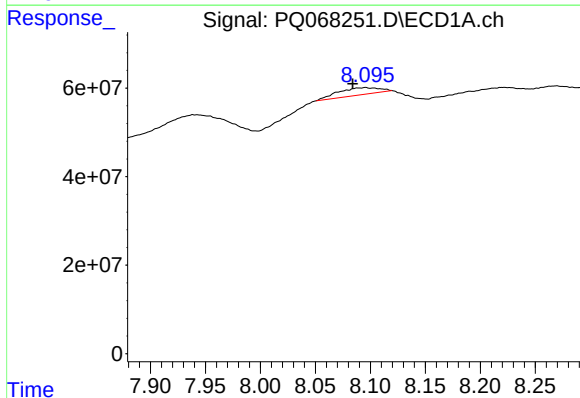
R.T.: 7.615 min
Delta R.T.: 0.034 min
Response: 241244741
Conc: 704.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



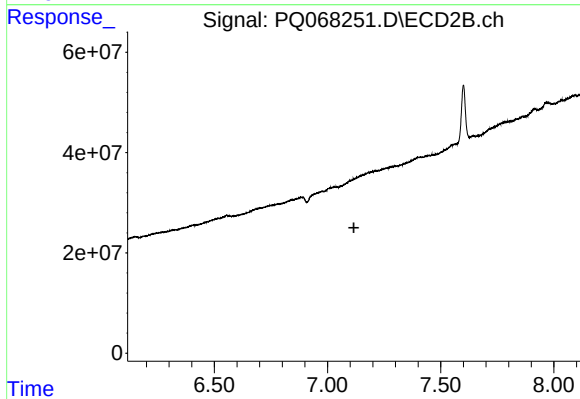
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.625 min
Response: 0
Conc: N.D.



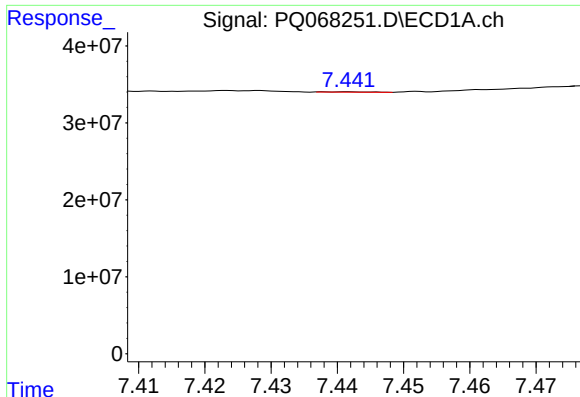
#40 AR-1262-5

R.T.: 8.096 min
Delta R.T.: 0.012 min
Response: 43341305
Conc: 206.36 ng/ml



#40 AR-1262-5

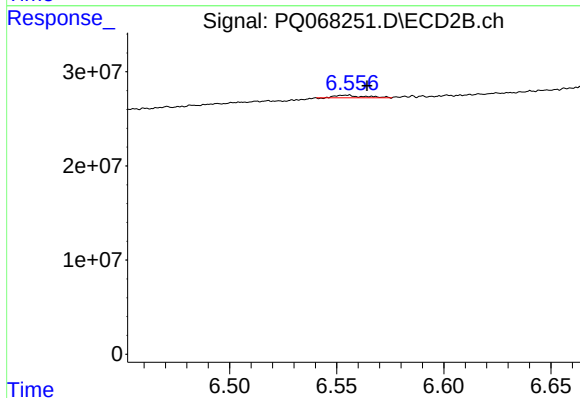
R.T.: 0.000 min
Exp R.T. : 7.116 min
Response: 0
Conc: N.D.



#41 AR-1268-1

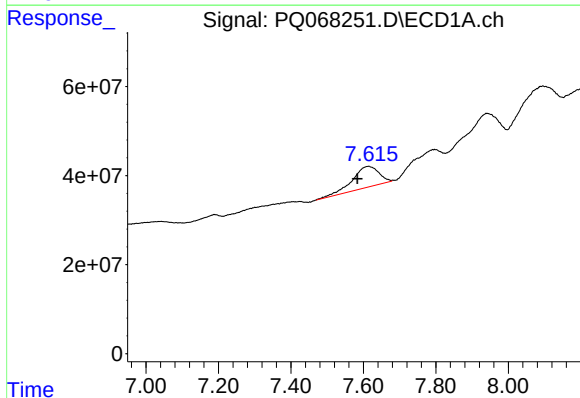
R.T.: 7.441 min
Delta R.T.: -0.064 min
Response: 223546
Conc: 0.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



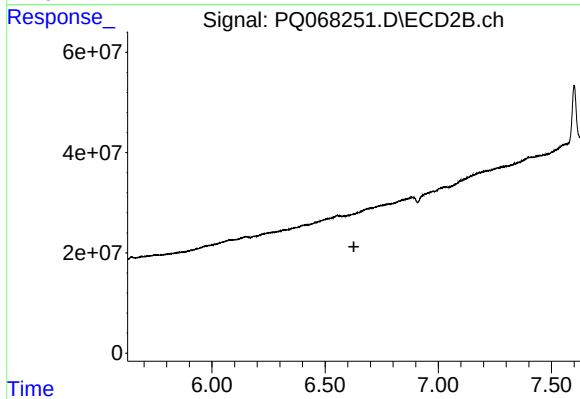
#41 AR-1268-1

R.T.: 6.554 min
Delta R.T.: -0.010 min
Response: 2673001
Conc: 2.68 ng/ml



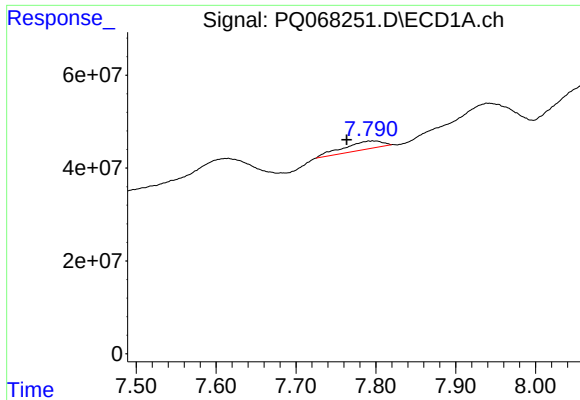
#42 AR-1268-2

R.T.: 7.615 min
Delta R.T.: 0.032 min
Response: 241244741
Conc: 336.18 ng/ml



#42 AR-1268-2

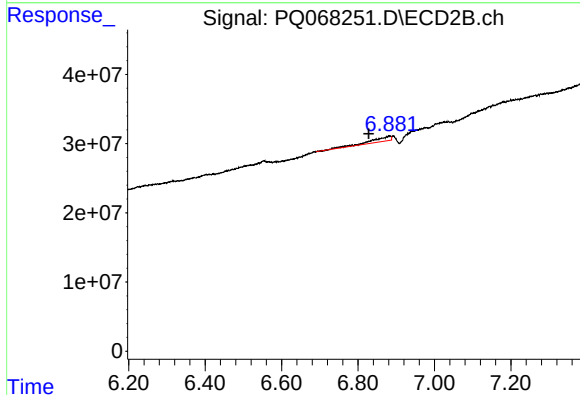
R.T.: 0.000 min
Exp R.T.: 6.627 min
Response: 0
Conc: N.D.



#43 AR-1268-3

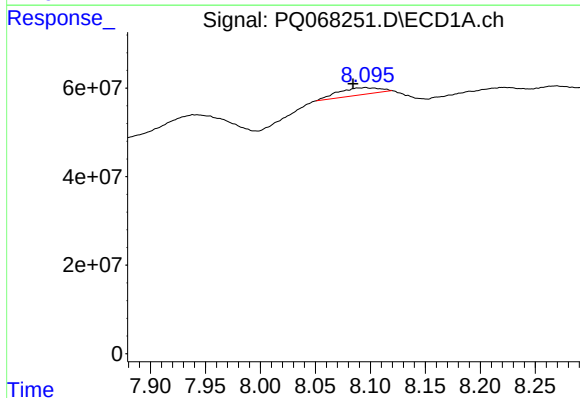
R.T.: 7.796 min
Delta R.T.: 0.033 min
Response: 61631391
Conc: 106.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



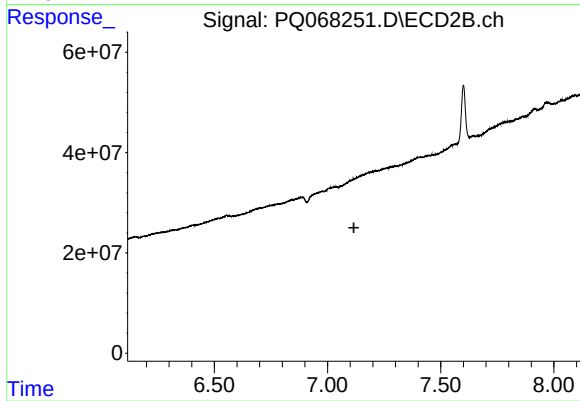
#43 AR-1268-3

R.T.: 6.881 min
Delta R.T.: 0.054 min
Response: 23813569
Conc: 29.19 ng/ml



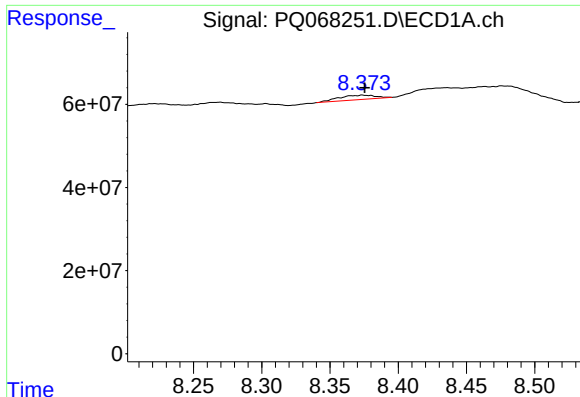
#44 AR-1268-4

R.T.: 8.096 min
Delta R.T.: 0.011 min
Response: 43341305
Conc: 188.08 ng/ml



#44 AR-1268-4

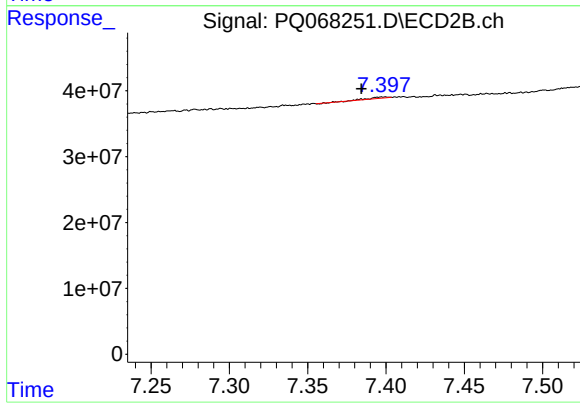
R.T.: 0.000 min
Exp R.T. : 7.116 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.374 min
Delta R.T.: -0.001 min
Response: 19780360
Conc: 12.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K82



#45 AR-1268-5

R.T.: 7.399 min
Delta R.T.: 0.014 min
Response: 1317643
Conc: 0.55 ng/ml