

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071123\
 Data File : PQ062103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 14:31
 Operator : YP\AJ
 Sample : 03570-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 21:40:24 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	74037183	43445346	15.177	17.315
2)	SA Decachlor...	8.586	7.528	56180342	41010061	15.465	12.307
Target Compounds							
3)	L1 AR-1016-1	4.499	3.784	-148802	5053357	N.D.	51.057 #
4)	L1 AR-1016-2	4.528	3.784	2085564	5053357	8.434	35.044 #
5)	L1 AR-1016-3	4.598	3.961	10200149	7406192	66.928	98.170 #
6)	L1 AR-1016-4	4.659	3.961f	4089072	7406192	32.622	112.763 #
7)	L1 AR-1016-5	4.941	4.177	7810976	9390523	64.173	114.544 #
8)	L2 AR-1221-1	3.596	2.947	1668873	658457	27.765	19.955 #
9)	L2 AR-1221-2	3.679	3.047	2689662	978525	59.860	38.525 #
10)	L2 AR-1221-3	3.750	3.105	8663625	4141347	61.655	53.720
11)	L3 AR-1232-1	3.750	3.105	8663625	4141347	82.041	72.277
12)	L3 AR-1232-2	4.209f	3.784	39562117	5053357	668.831	75.928 #
13)	L3 AR-1232-3	4.528	3.961	2085564	7406192	18.443	214.331 #
14)	L3 AR-1232-4	4.659	4.015	4089072	10281589	72.160	345.718 #
15)	L3 AR-1232-5	4.750	4.177	10082005	9390523	251.735	263.329
16)	L4 AR-1242-1	4.499	3.784	-148802	5053357	N.D.	65.340 #
17)	L4 AR-1242-2	4.528	3.784	2085564	5053357	10.743	45.461 #
18)	L4 AR-1242-3	4.598	3.961	10200149	7406192	84.407	126.437 #
19)	L4 AR-1242-4	4.659	4.015	4089072	10281589	41.945	175.369 #
20)	L4 AR-1242-5	5.409	4.508	3272294	16157829	34.183	194.925 #
21)	L5 AR-1248-1	4.499	3.784	-148802	5053357	N.D.	80.827 #
22)	L5 AR-1248-2	4.750	3.961	10082005	7406192	70.179	78.984
23)	L5 AR-1248-3	4.941	4.015	7810976	10281589	44.965	113.554 #
24)	L5 AR-1248-4	5.362	4.177	5271310	9390523	27.465	83.220 #
25)	L5 AR-1248-5	5.409	4.548	3272294	16309735	18.067	145.580 #
26)	L6 AR-1254-1	5.340	4.508	3989089	16157829	21.467	100.072 #
27)	L6 AR-1254-2	5.508f	4.656	25806013	12420115	88.768	84.362
28)	L6 AR-1254-3	5.902	5.059	20555415	16426553	66.925	70.289
29)	L6 AR-1254-4	6.193	5.287	2530365	12010857	10.898	78.804 #
30)	L6 AR-1254-5	6.599	5.673	1572544	5975687	6.122	25.892 #
31)	L7 AR-1260-1	6.086	5.178	2922916	15563333	12.389	93.444 #
32)	L7 AR-1260-2	6.315	5.362	13236374	15150201	45.830	72.856 #
33)	L7 AR-1260-3	6.649f	5.521	1526833	6558246	8.647	33.708 #
34)	L7 AR-1260-4	6.915	5.963	2011572	580444	9.549	3.979 #
35)	L7 AR-1260-5	7.207	6.211	17834099	1927830	43.433	5.806 #
36)	L8 AR-1262-1	6.649f	5.727	1526833	4071883	5.007	17.516 #
37)	L8 AR-1262-2	7.207	5.963	17834099	580444	33.859	2.685 #
38)	L8 AR-1262-3	7.487	6.522f	3041935	6414849	8.634	36.798 #
39)	L8 AR-1262-4	7.538	6.547	3247319	1554639	12.175	4.824 #
40)	L8 AR-1262-5	8.056	7.038	436703	905359	2.460	5.837 #
41)	L9 AR-1268-1	7.487	6.522f	3041935	6414849	5.360	13.633 #

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 Operator : YP\AJ
 Sample : 03570-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

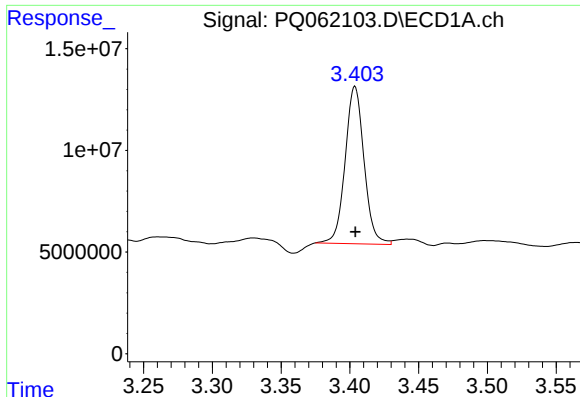
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 21:40:24 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
42) L9	AR-1268-2	7.538	6.547	3247319	1554639	6.369	3.669 #
43) L9	AR-1268-3	7.733	6.750	1059514	1785140	2.483	4.847 #
44) L9	AR-1268-4	8.056	7.038	436703	905359	2.387	5.661 #
45) L9	AR-1268-5	8.353	7.312	2870470	4081477	2.277	3.498 #

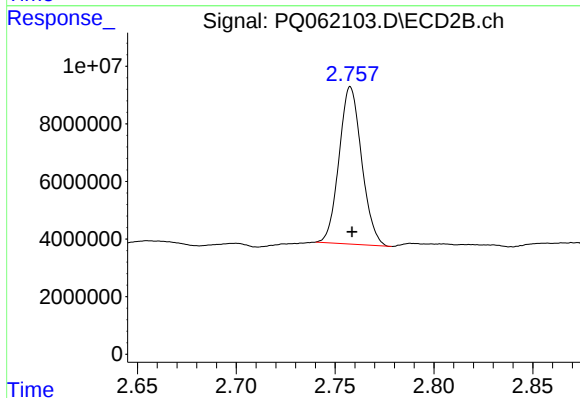
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

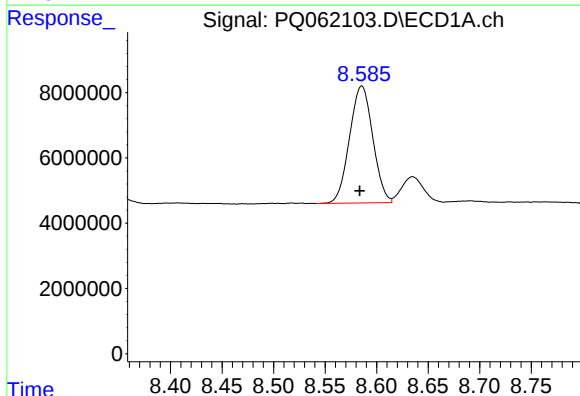
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 74037183
Conc: 15.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



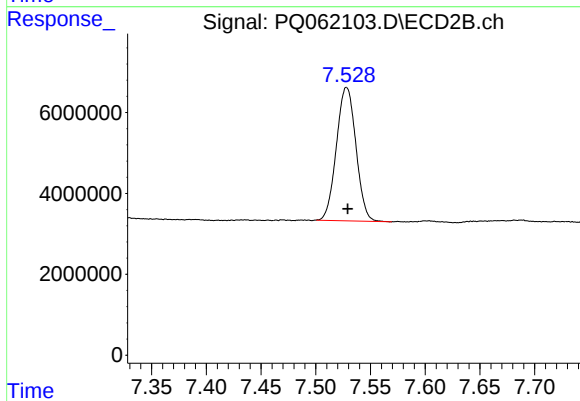
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 43445346
Conc: 17.32 ng/ml



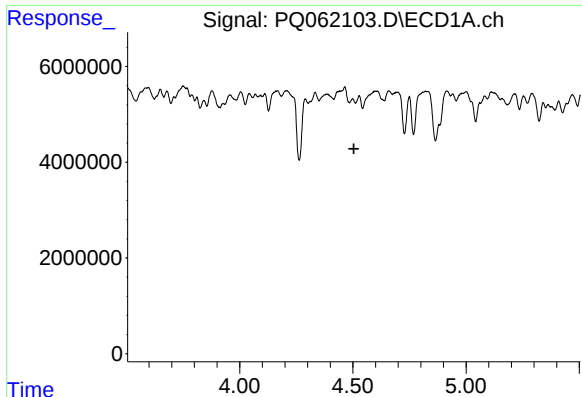
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 56180342
Conc: 15.46 ng/ml



#2 Decachlorobiphenyl

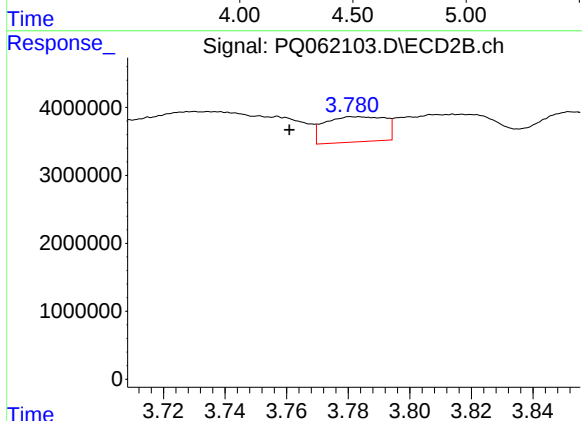
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 41010061
Conc: 12.31 ng/ml



#3 AR-1016-1

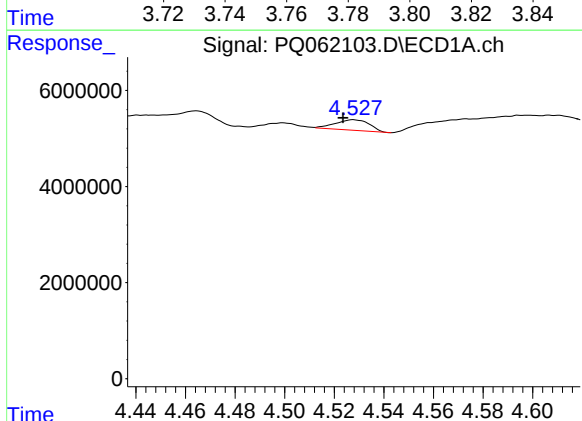
R.T.: 4.499 min
Delta R.T.: -0.005 min
Response: -148802
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



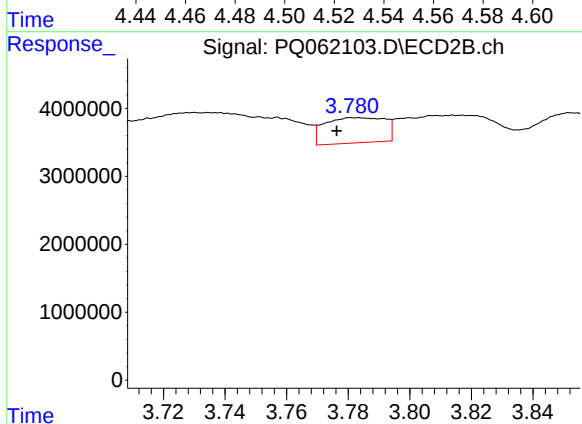
#3 AR-1016-1

R.T.: 3.784 min
Delta R.T.: 0.023 min
Response: 5053357
Conc: 51.06 ng/ml



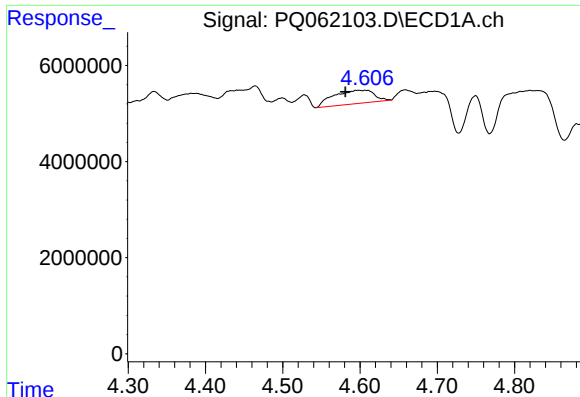
#4 AR-1016-2

R.T.: 4.528 min
Delta R.T.: 0.004 min
Response: 2085564
Conc: 8.43 ng/ml



#4 AR-1016-2

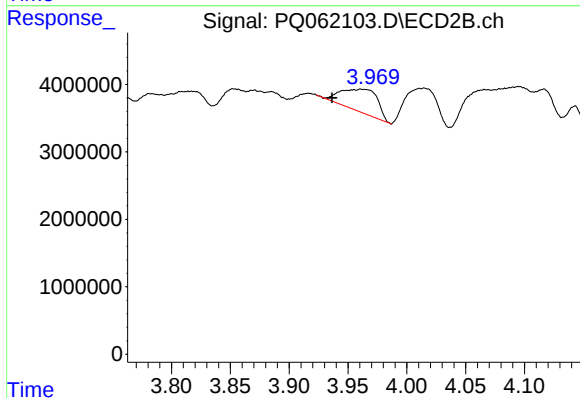
R.T.: 3.784 min
Delta R.T.: 0.007 min
Response: 5053357
Conc: 35.04 ng/ml



#5 AR-1016-3

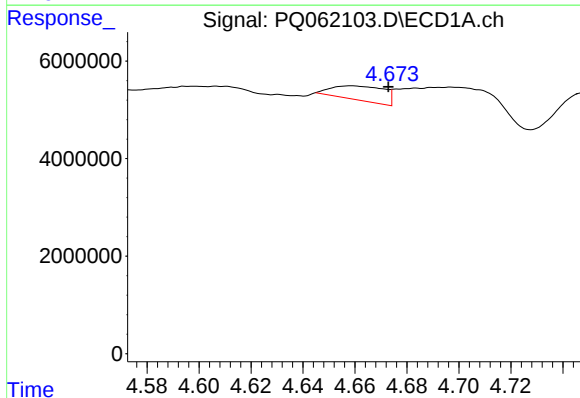
R.T.: 4.598 min
Delta R.T.: 0.017 min
Response: 10200149
Conc: 66.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



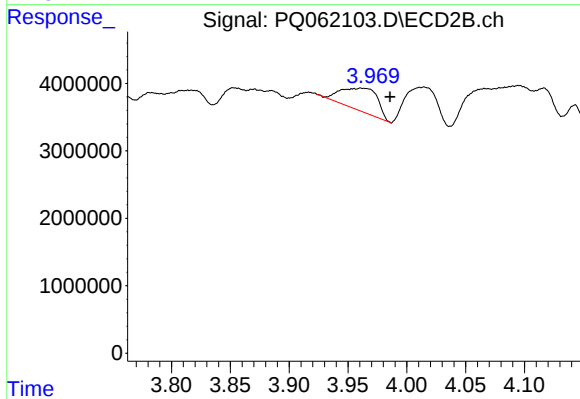
#5 AR-1016-3

R.T.: 3.961 min
Delta R.T.: 0.024 min
Response: 7406192
Conc: 98.17 ng/ml



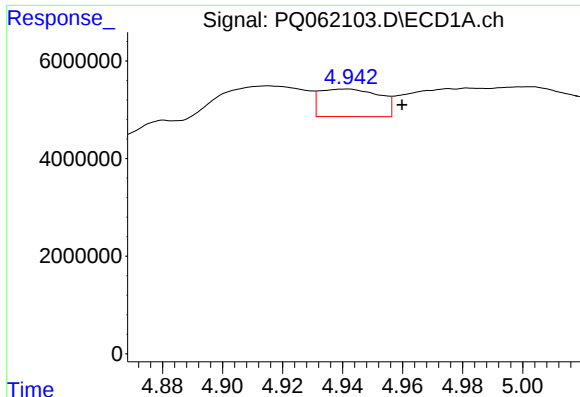
#6 AR-1016-4

R.T.: 4.659 min
Delta R.T.: -0.014 min
Response: 4089072
Conc: 32.62 ng/ml



#6 AR-1016-4

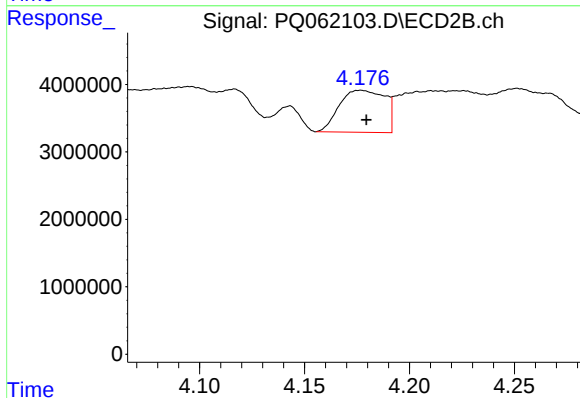
R.T.: 3.961 min
Delta R.T.: -0.025 min
Response: 7406192
Conc: 112.76 ng/ml



#7 AR-1016-5

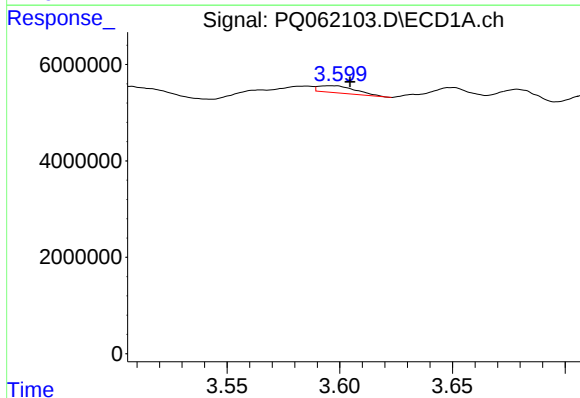
R.T.: 4.941 min
Delta R.T.: -0.019 min
Response: 7810976
Conc: 64.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



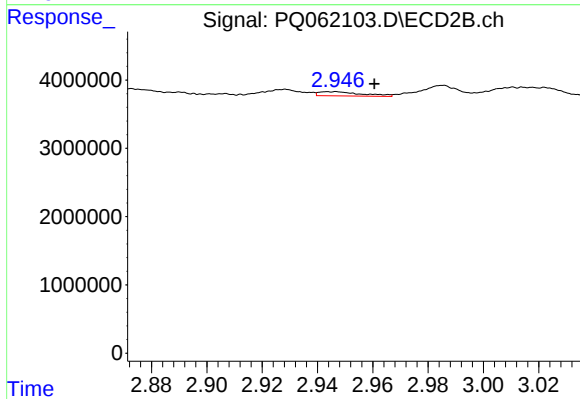
#7 AR-1016-5

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 9390523
Conc: 114.54 ng/ml



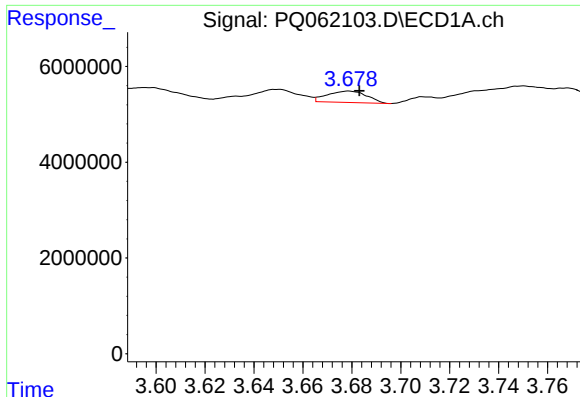
#8 AR-1221-1

R.T.: 3.596 min
Delta R.T.: -0.008 min
Response: 1668873
Conc: 27.76 ng/ml



#8 AR-1221-1

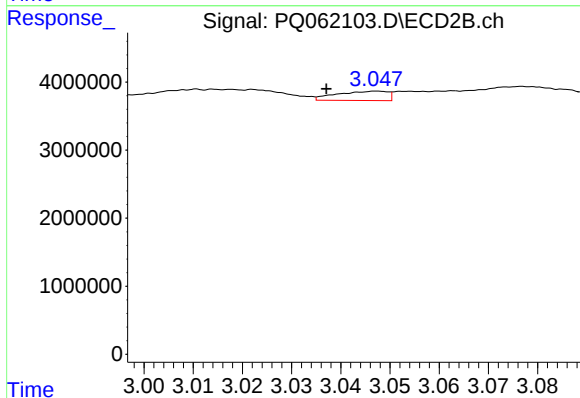
R.T.: 2.947 min
Delta R.T.: -0.014 min
Response: 658457
Conc: 19.96 ng/ml



#9 AR-1221-2

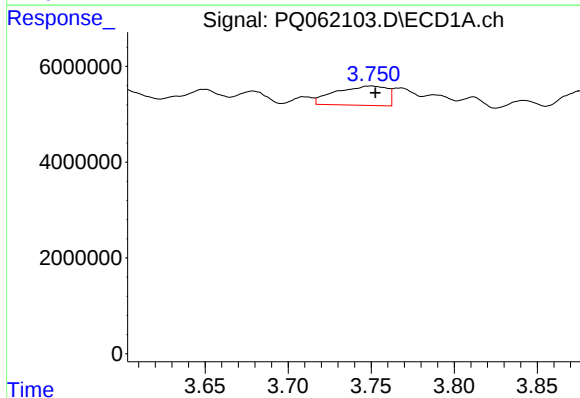
R.T.: 3.679 min
Delta R.T.: -0.004 min
Response: 2689662
Conc: 59.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



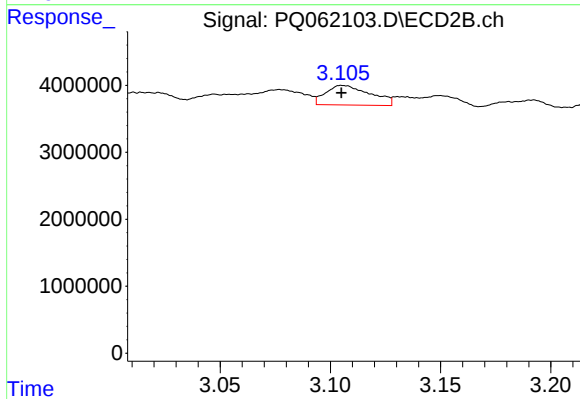
#9 AR-1221-2

R.T.: 3.047 min
Delta R.T.: 0.010 min
Response: 978525
Conc: 38.52 ng/ml



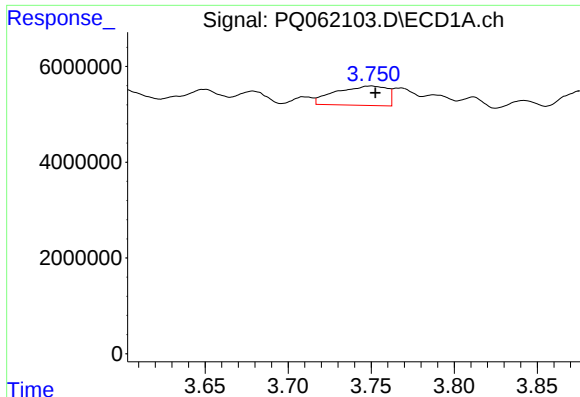
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 8663625
Conc: 61.65 ng/ml



#10 AR-1221-3

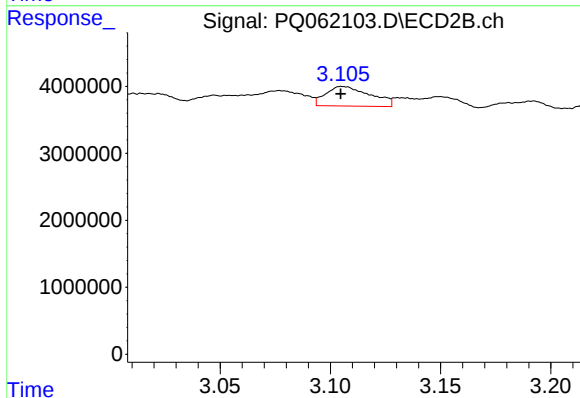
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 4141347
Conc: 53.72 ng/ml



#11 AR-1232-1

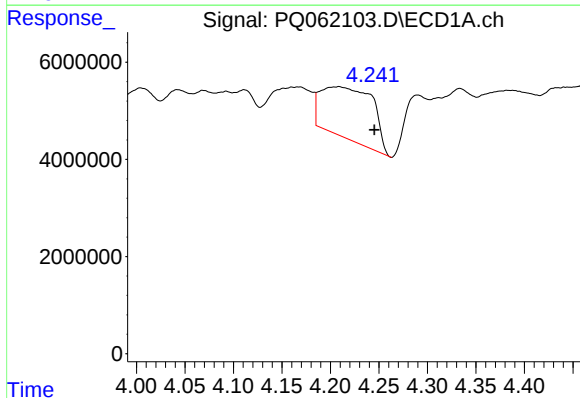
R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 8663625
Conc: 82.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



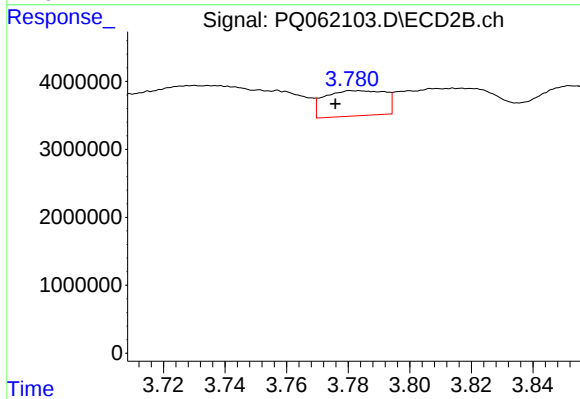
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 4141347
Conc: 72.28 ng/ml



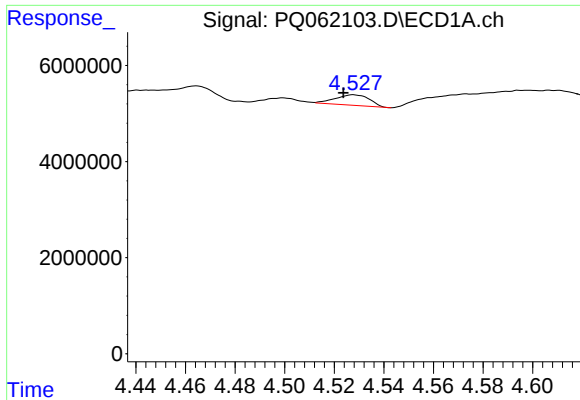
#12 AR-1232-2

R.T.: 4.209 min
Delta R.T.: -0.037 min
Response: 39562117
Conc: 668.83 ng/ml



#12 AR-1232-2

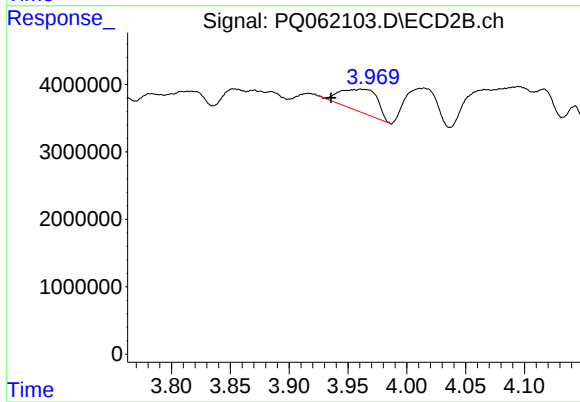
R.T.: 3.784 min
Delta R.T.: 0.008 min
Response: 5053357
Conc: 75.93 ng/ml



#13 AR-1232-3

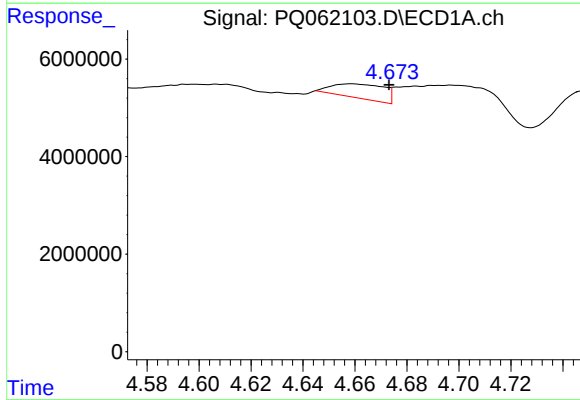
R.T.: 4.528 min
Delta R.T.: 0.004 min
Response: 2085564
Conc: 18.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



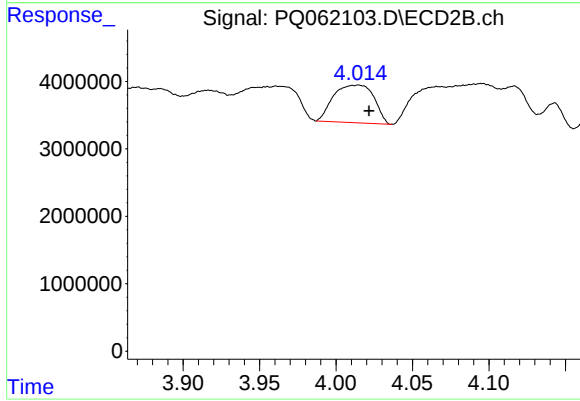
#13 AR-1232-3

R.T.: 3.961 min
Delta R.T.: 0.025 min
Response: 7406192
Conc: 214.33 ng/ml



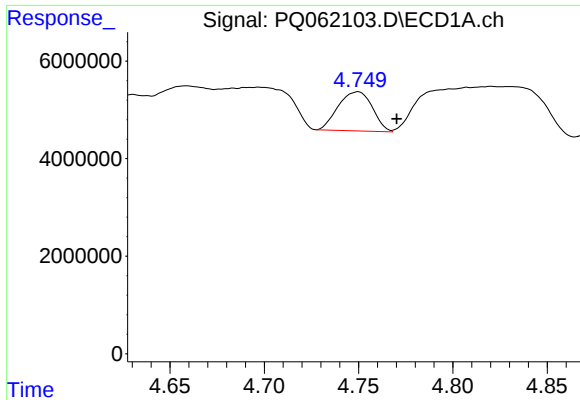
#14 AR-1232-4

R.T.: 4.659 min
Delta R.T.: -0.014 min
Response: 4089072
Conc: 72.16 ng/ml



#14 AR-1232-4

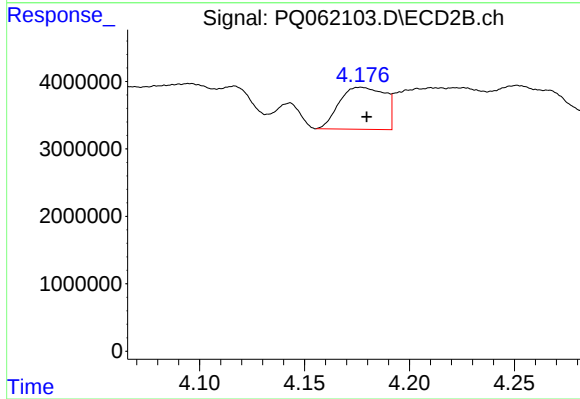
R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 10281589
Conc: 345.72 ng/ml



#15 AR-1232-5

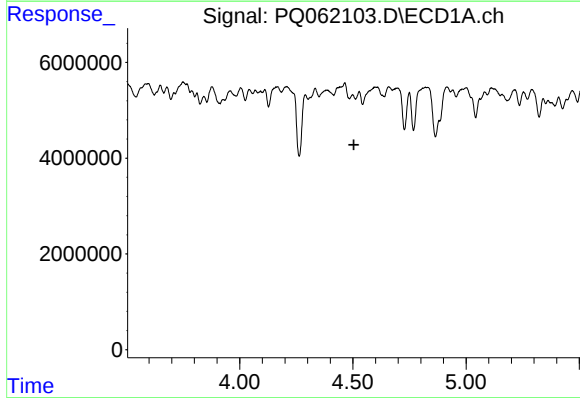
R.T.: 4.750 min
Delta R.T.: -0.021 min
Response: 10082005
Conc: 251.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



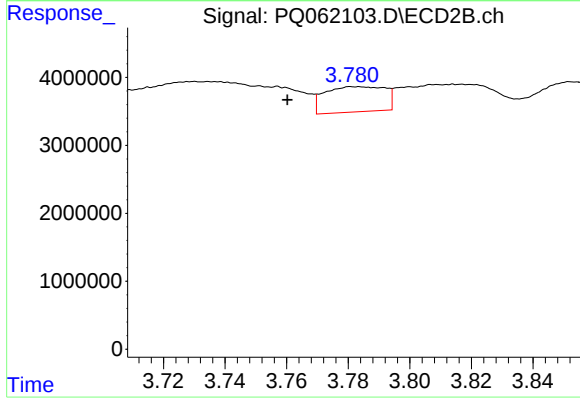
#15 AR-1232-5

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 9390523
Conc: 263.33 ng/ml



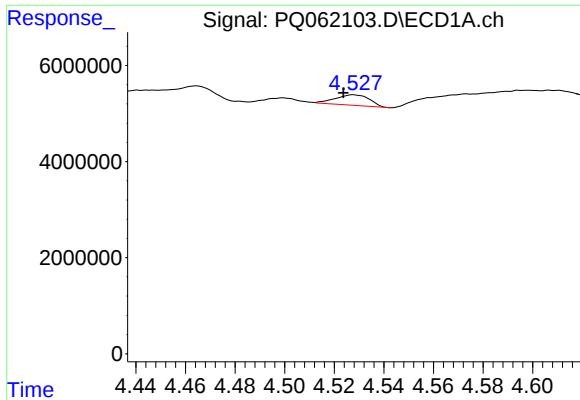
#16 AR-1242-1

R.T.: 4.499 min
Delta R.T.: -0.005 min
Response: -148802
Conc: N.D.



#16 AR-1242-1

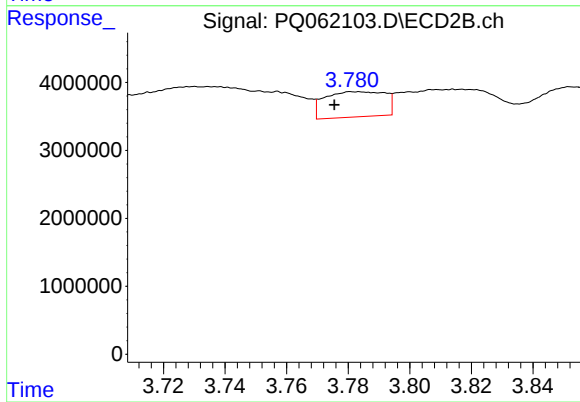
R.T.: 3.784 min
Delta R.T.: 0.023 min
Response: 5053357
Conc: 65.34 ng/ml



#17 AR-1242-2

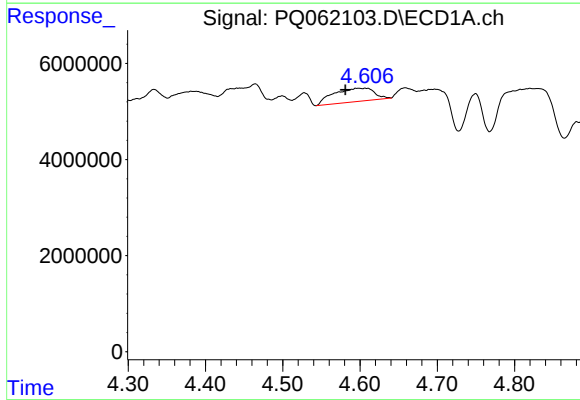
R.T.: 4.528 min
Delta R.T.: 0.004 min
Response: 2085564
Conc: 10.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



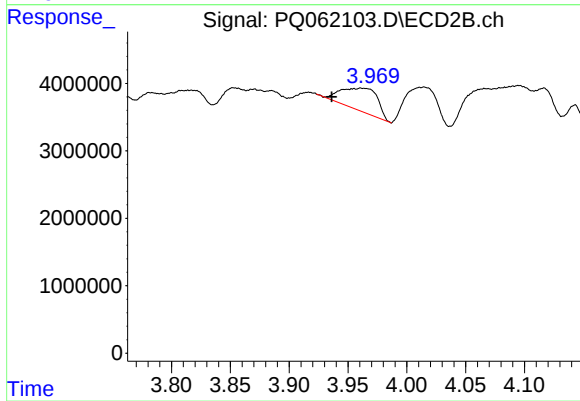
#17 AR-1242-2

R.T.: 3.784 min
Delta R.T.: 0.008 min
Response: 5053357
Conc: 45.46 ng/ml



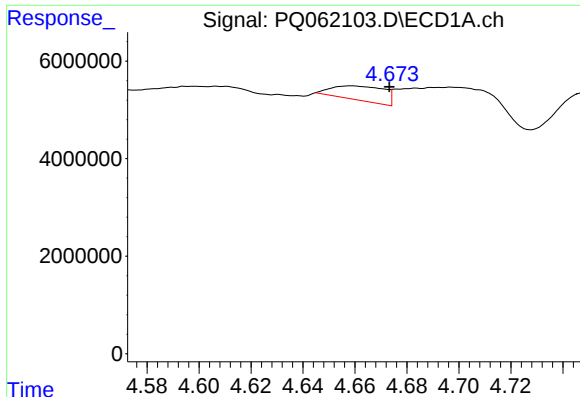
#18 AR-1242-3

R.T.: 4.598 min
Delta R.T.: 0.017 min
Response: 10200149
Conc: 84.41 ng/ml



#18 AR-1242-3

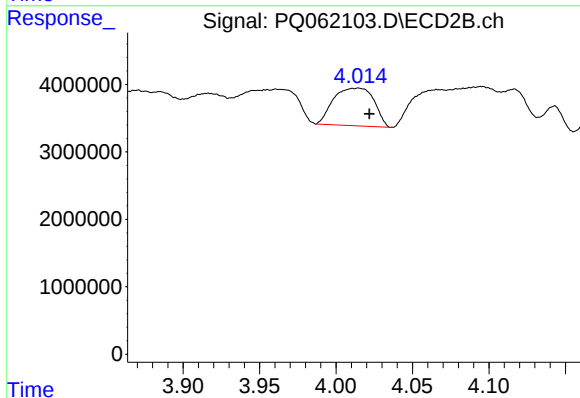
R.T.: 3.961 min
Delta R.T.: 0.025 min
Response: 7406192
Conc: 126.44 ng/ml



#19 AR-1242-4

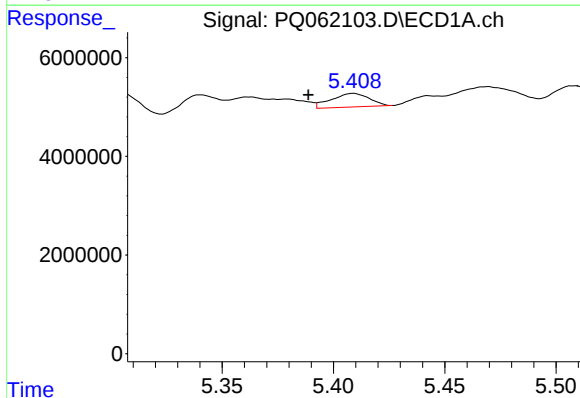
R.T.: 4.659 min
Delta R.T.: -0.015 min
Response: 4089072
Conc: 41.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



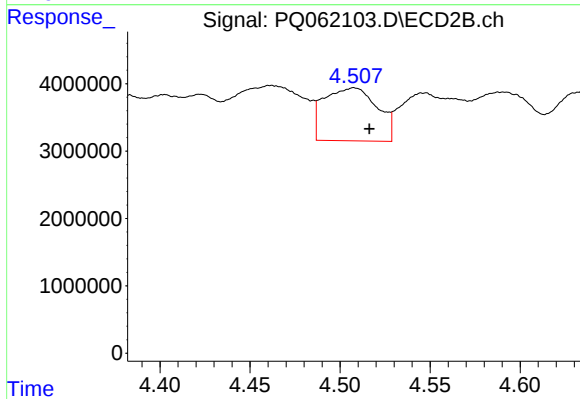
#19 AR-1242-4

R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 10281589
Conc: 175.37 ng/ml



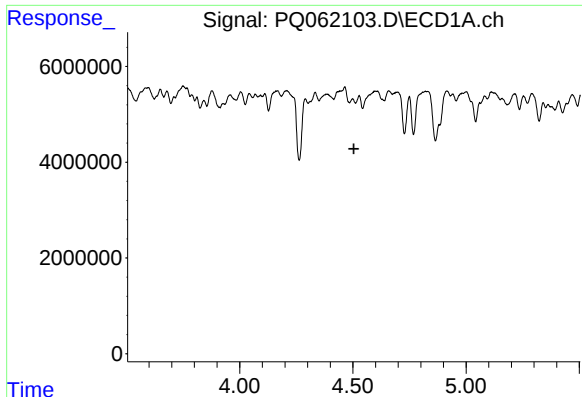
#20 AR-1242-5

R.T.: 5.409 min
Delta R.T.: 0.020 min
Response: 3272294
Conc: 34.18 ng/ml



#20 AR-1242-5

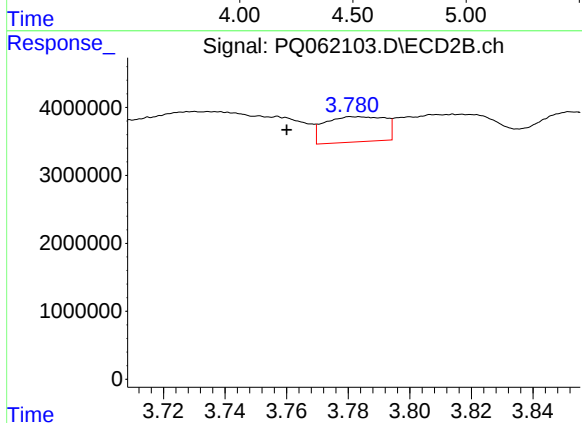
R.T.: 4.508 min
Delta R.T.: -0.009 min
Response: 16157829
Conc: 194.92 ng/ml



#21 AR-1248-1

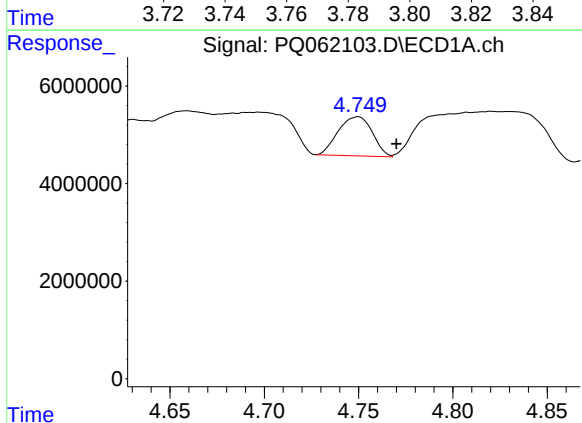
R.T.: 4.499 min
Delta R.T.: -0.005 min
Response: -148802
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



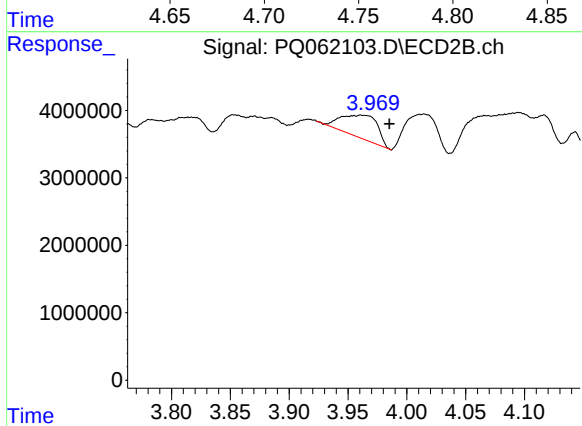
#21 AR-1248-1

R.T.: 3.784 min
Delta R.T.: 0.023 min
Response: 5053357
Conc: 80.83 ng/ml



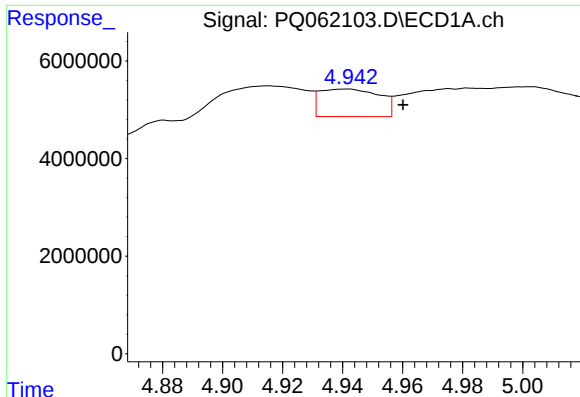
#22 AR-1248-2

R.T.: 4.750 min
Delta R.T.: -0.020 min
Response: 10082005
Conc: 70.18 ng/ml



#22 AR-1248-2

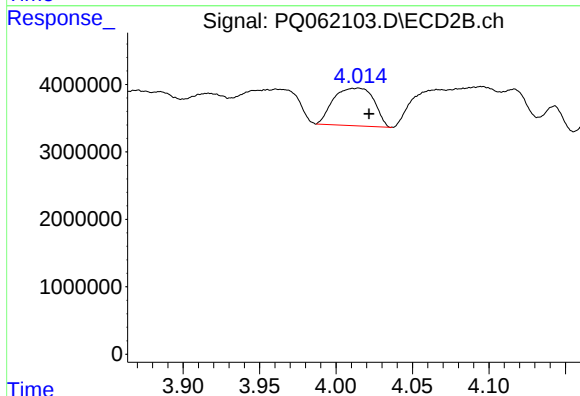
R.T.: 3.961 min
Delta R.T.: -0.024 min
Response: 7406192
Conc: 78.98 ng/ml



#23 AR-1248-3

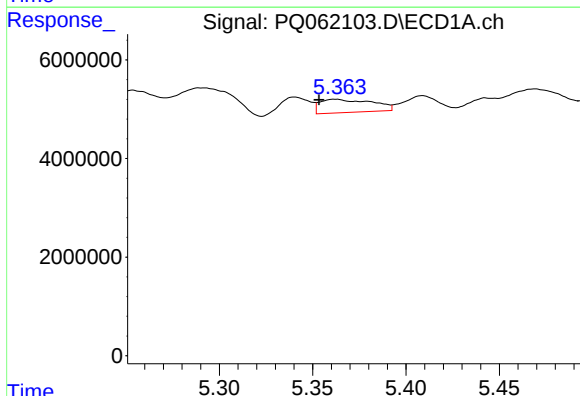
R.T.: 4.941 min
Delta R.T.: -0.019 min
Response: 7810976
Conc: 44.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



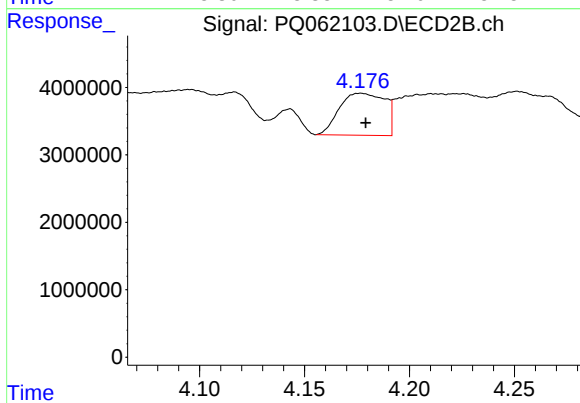
#23 AR-1248-3

R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 10281589
Conc: 113.55 ng/ml



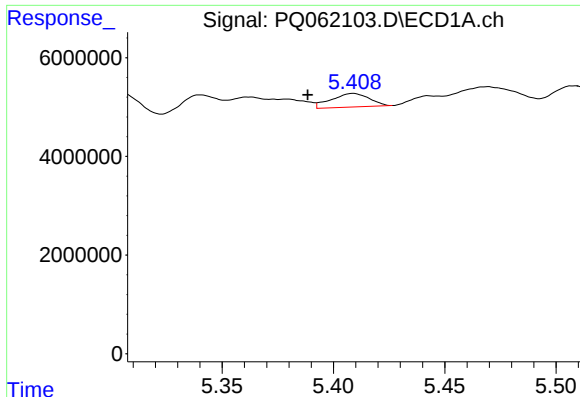
#24 AR-1248-4

R.T.: 5.362 min
Delta R.T.: 0.009 min
Response: 5271310
Conc: 27.46 ng/ml



#24 AR-1248-4

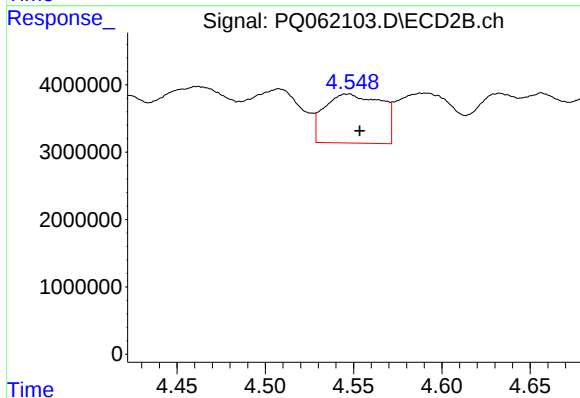
R.T.: 4.177 min
Delta R.T.: -0.002 min
Response: 9390523
Conc: 83.22 ng/ml



#25 AR-1248-5

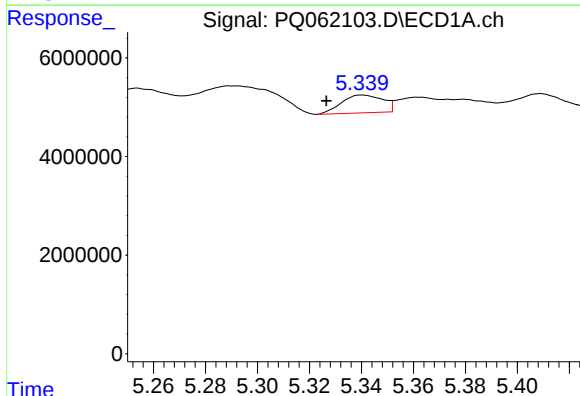
R.T.: 5.409 min
Delta R.T.: 0.020 min
Response: 3272294
Conc: 18.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



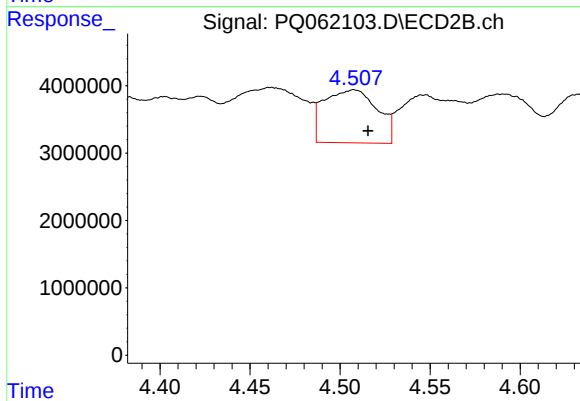
#25 AR-1248-5

R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 16309735
Conc: 145.58 ng/ml



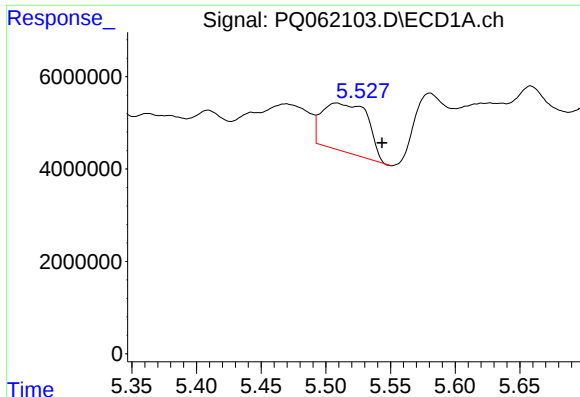
#26 AR-1254-1

R.T.: 5.340 min
Delta R.T.: 0.014 min
Response: 3989089
Conc: 21.47 ng/ml



#26 AR-1254-1

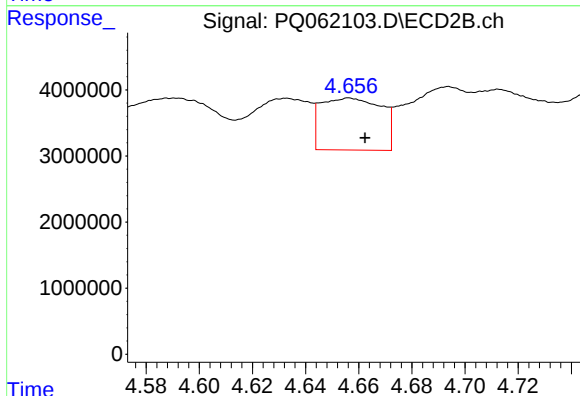
R.T.: 4.508 min
Delta R.T.: -0.008 min
Response: 16157829
Conc: 100.07 ng/ml



#27 AR-1254-2

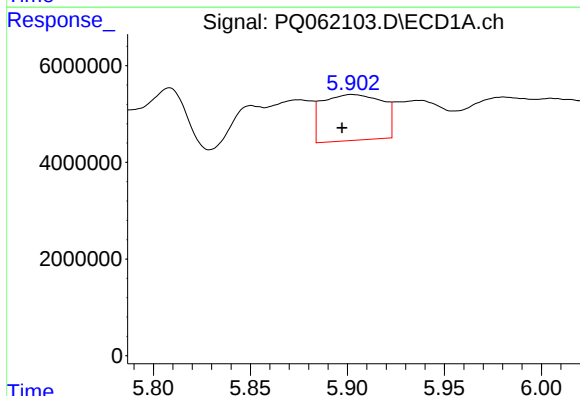
R.T.: 5.508 min
Delta R.T.: -0.035 min
Response: 25806013
Conc: 88.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



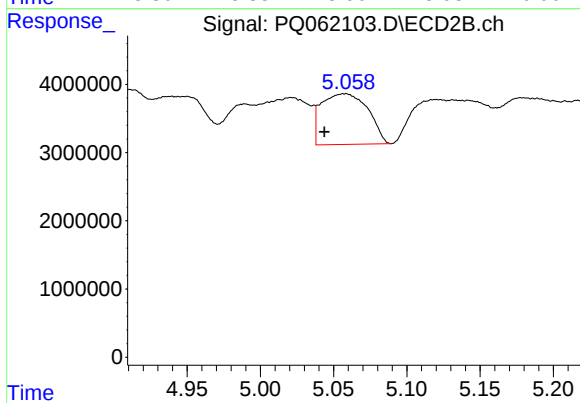
#27 AR-1254-2

R.T.: 4.656 min
Delta R.T.: -0.006 min
Response: 12420115
Conc: 84.36 ng/ml



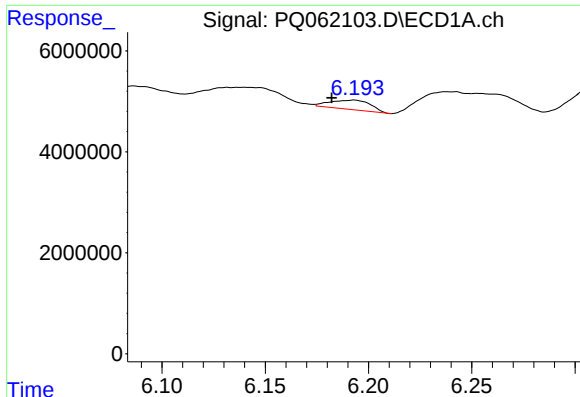
#28 AR-1254-3

R.T.: 5.902 min
Delta R.T.: 0.005 min
Response: 20555415
Conc: 66.93 ng/ml



#28 AR-1254-3

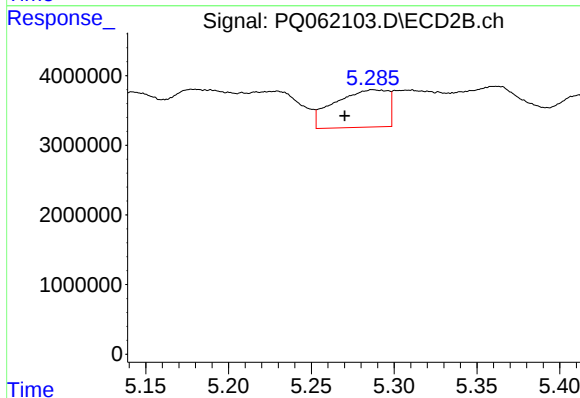
R.T.: 5.059 min
Delta R.T.: 0.015 min
Response: 16426553
Conc: 70.29 ng/ml



#29 AR-1254-4

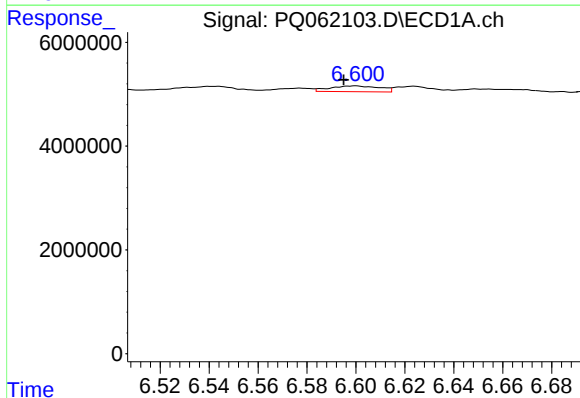
R.T.: 6.193 min
Delta R.T.: 0.011 min
Response: 2530365
Conc: 10.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



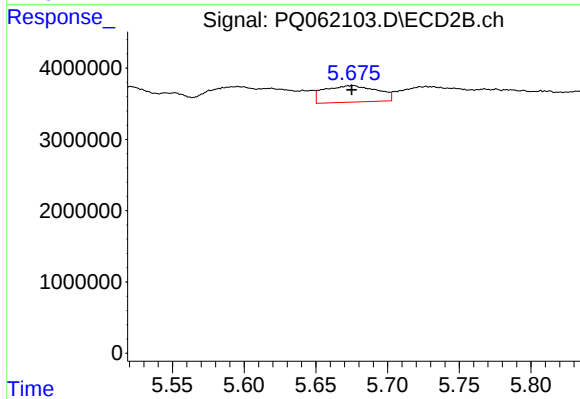
#29 AR-1254-4

R.T.: 5.287 min
Delta R.T.: 0.017 min
Response: 12010857
Conc: 78.80 ng/ml



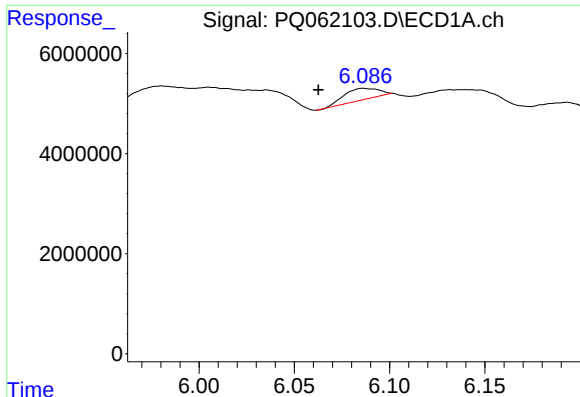
#30 AR-1254-5

R.T.: 6.599 min
Delta R.T.: 0.004 min
Response: 1572544
Conc: 6.12 ng/ml



#30 AR-1254-5

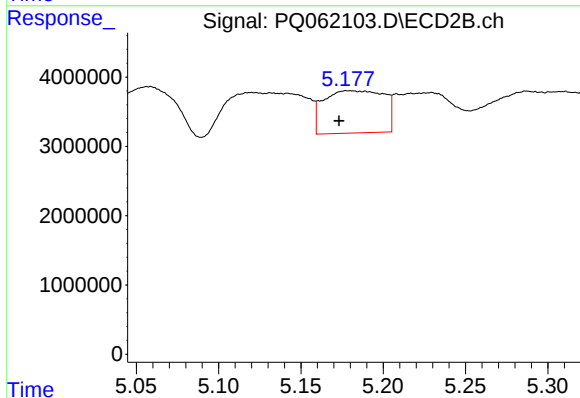
R.T.: 5.673 min
Delta R.T.: -0.002 min
Response: 5975687
Conc: 25.89 ng/ml



#31 AR-1260-1

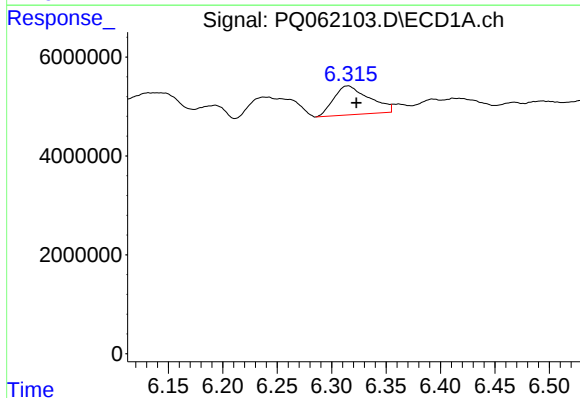
R.T.: 6.086 min
Delta R.T.: 0.024 min
Response: 2922916
Conc: 12.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



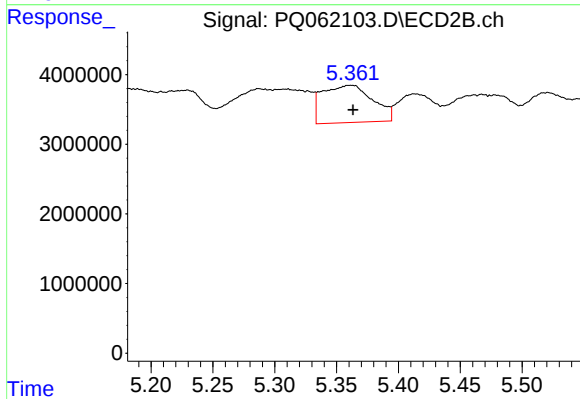
#31 AR-1260-1

R.T.: 5.178 min
Delta R.T.: 0.005 min
Response: 15563333
Conc: 93.44 ng/ml



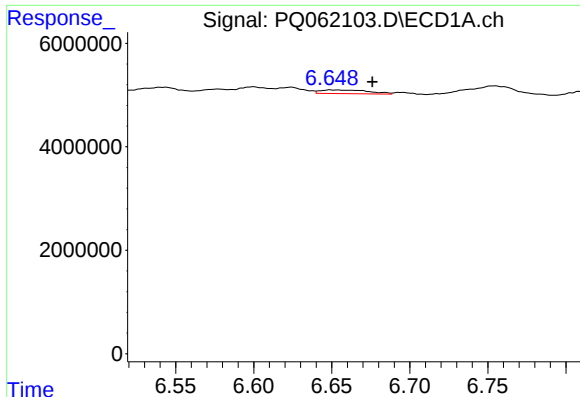
#32 AR-1260-2

R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 13236374
Conc: 45.83 ng/ml



#32 AR-1260-2

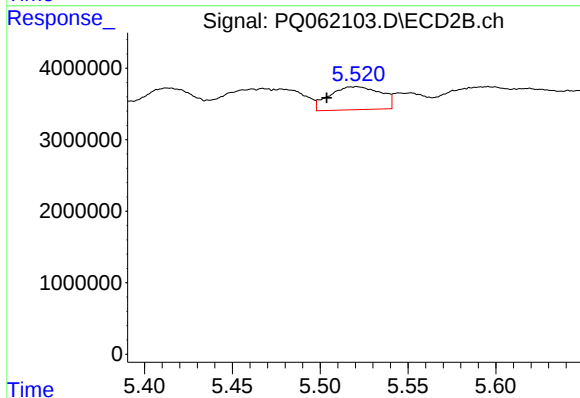
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 15150201
Conc: 72.86 ng/ml



#33 AR-1260-3

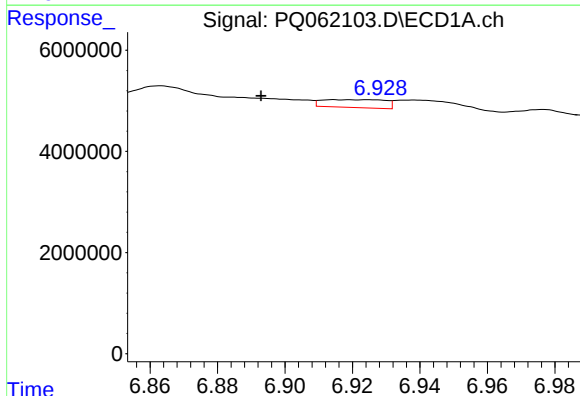
R.T.: 6.649 min
Delta R.T.: -0.027 min
Response: 1526833
Conc: 8.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



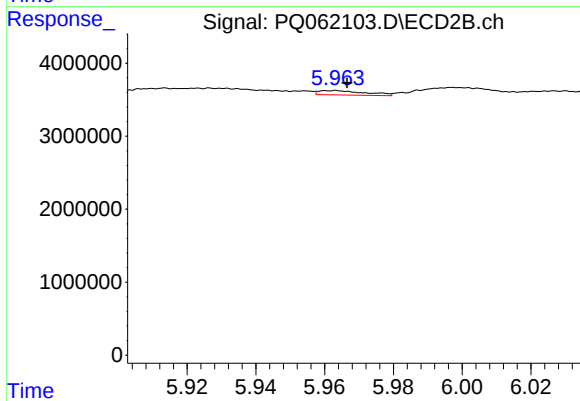
#33 AR-1260-3

R.T.: 5.521 min
Delta R.T.: 0.017 min
Response: 6558246
Conc: 33.71 ng/ml



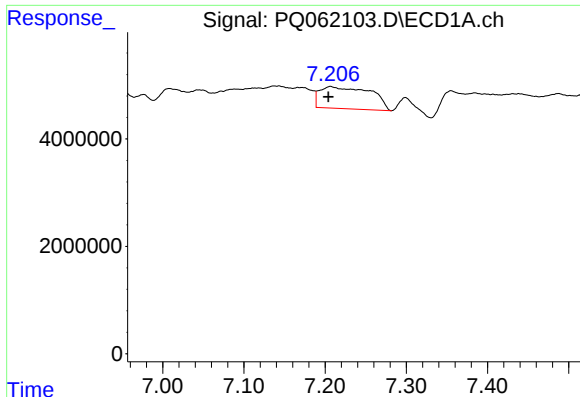
#34 AR-1260-4

R.T.: 6.915 min
Delta R.T.: 0.022 min
Response: 2011572
Conc: 9.55 ng/ml



#34 AR-1260-4

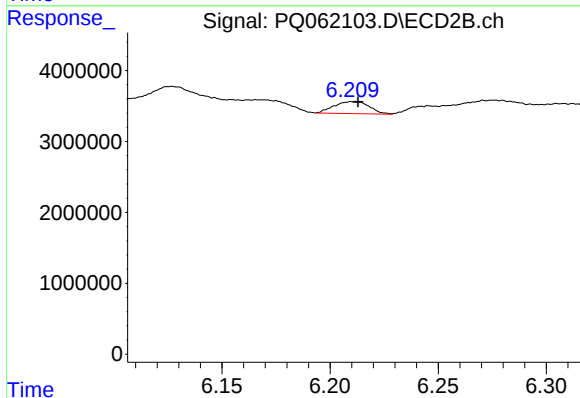
R.T.: 5.963 min
Delta R.T.: -0.004 min
Response: 580444
Conc: 3.98 ng/ml



#35 AR-1260-5

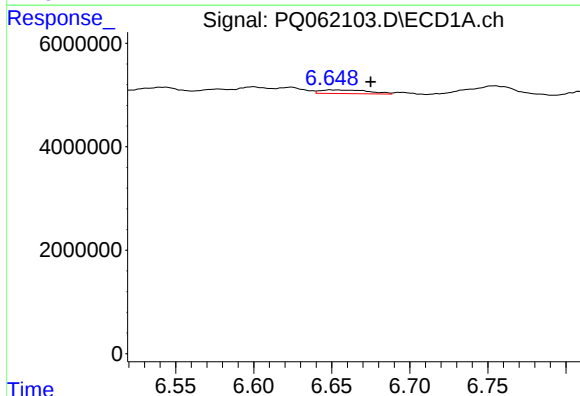
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 17834099
Conc: 43.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



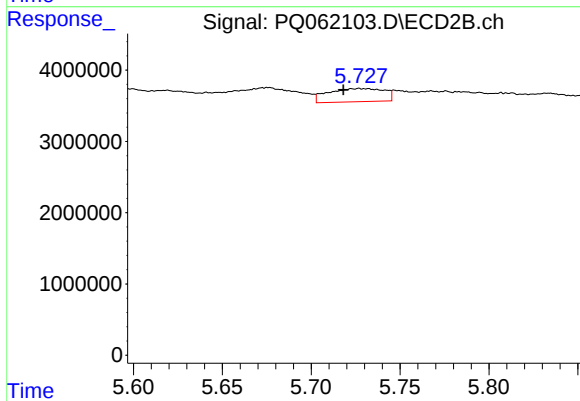
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 1927830
Conc: 5.81 ng/ml



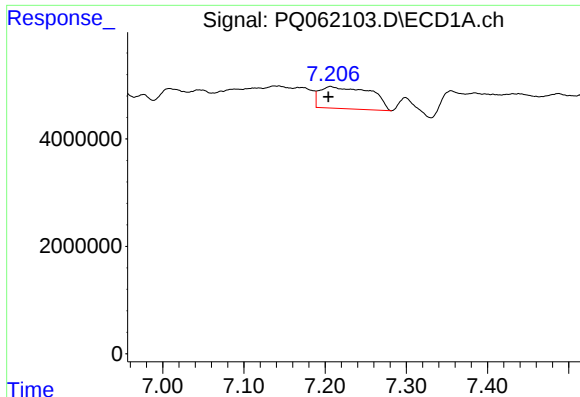
#36 AR-1262-1

R.T.: 6.649 min
Delta R.T.: -0.026 min
Response: 1526833
Conc: 5.01 ng/ml



#36 AR-1262-1

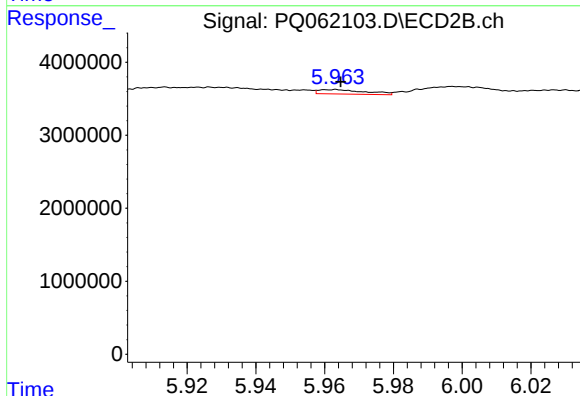
R.T.: 5.727 min
Delta R.T.: 0.009 min
Response: 4071883
Conc: 17.52 ng/ml



#37 AR-1262-2

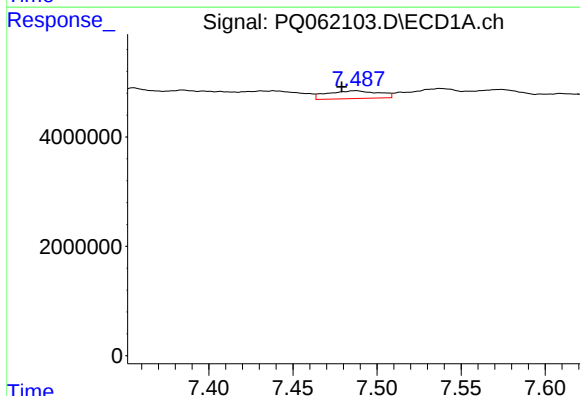
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 17834099
Conc: 33.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



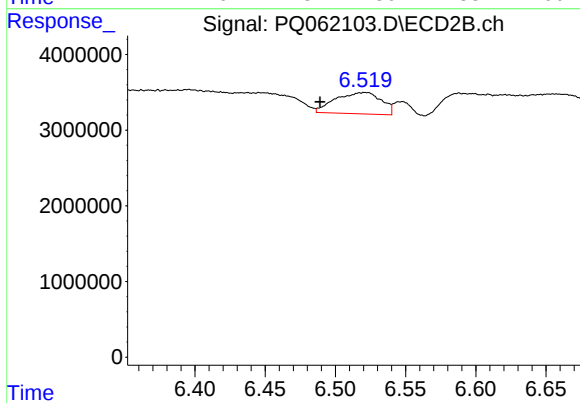
#37 AR-1262-2

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 580444
Conc: 2.68 ng/ml



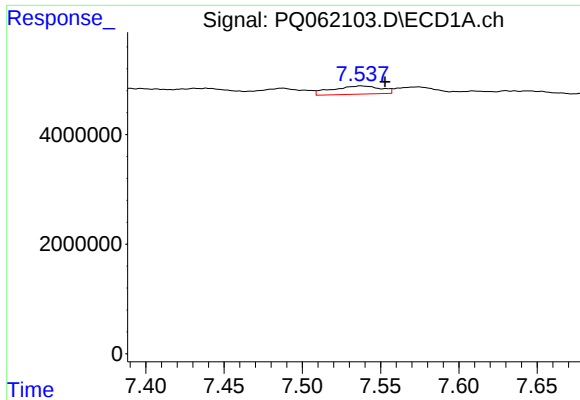
#38 AR-1262-3

R.T.: 7.487 min
Delta R.T.: 0.008 min
Response: 3041935
Conc: 8.63 ng/ml



#38 AR-1262-3

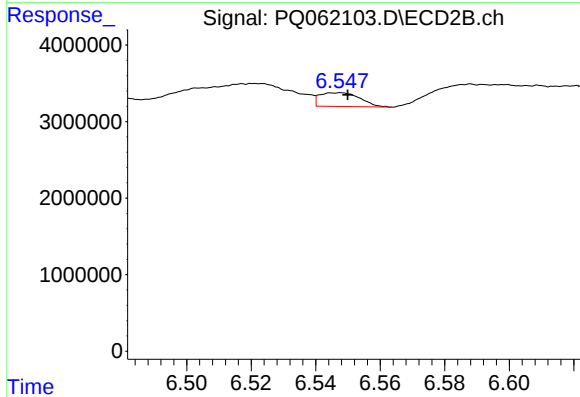
R.T.: 6.522 min
Delta R.T.: 0.033 min
Response: 6414849
Conc: 36.80 ng/ml



#39 AR-1262-4

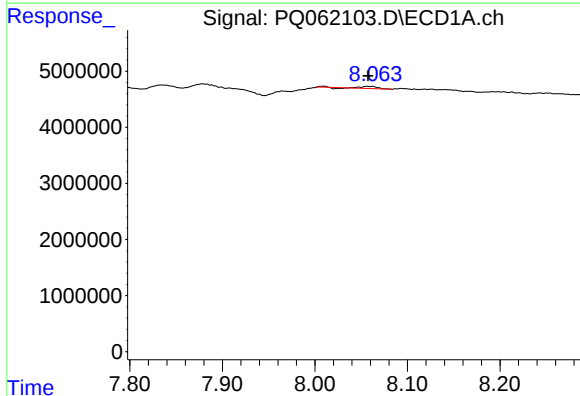
R.T.: 7.538 min
Delta R.T.: -0.015 min
Response: 3247319
Conc: 12.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



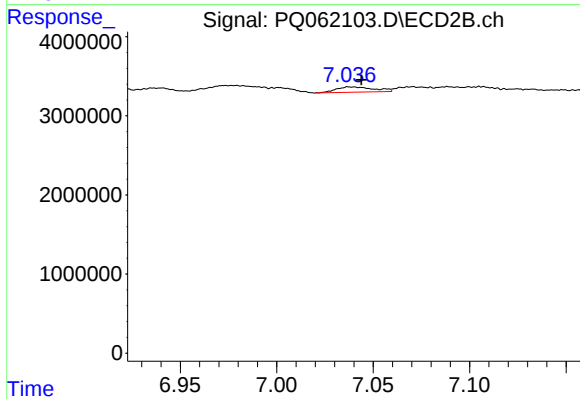
#39 AR-1262-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 1554639
Conc: 4.82 ng/ml



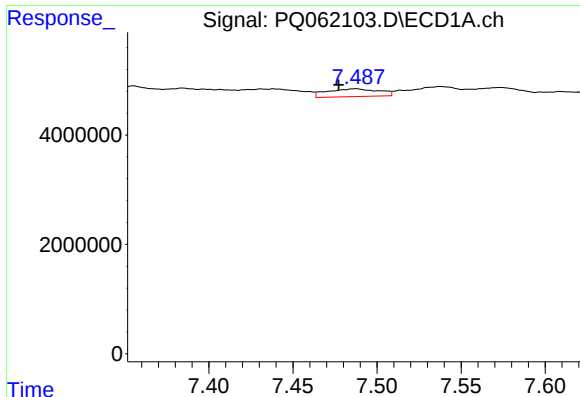
#40 AR-1262-5

R.T.: 8.056 min
Delta R.T.: -0.001 min
Response: 436703
Conc: 2.46 ng/ml



#40 AR-1262-5

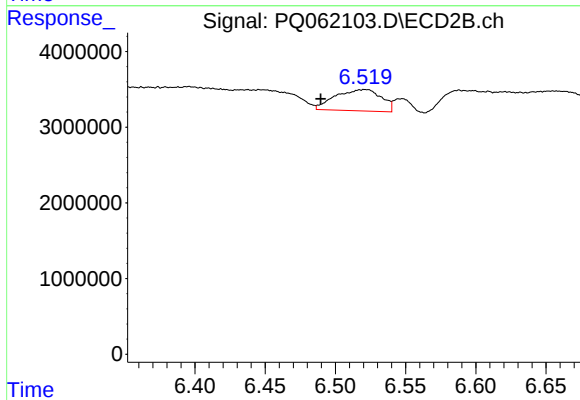
R.T.: 7.038 min
Delta R.T.: -0.006 min
Response: 905359
Conc: 5.84 ng/ml



#41 AR-1268-1

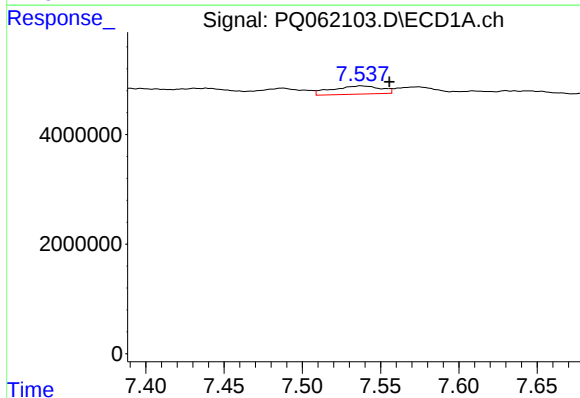
R.T.: 7.487 min
Delta R.T.: 0.010 min
Response: 3041935
Conc: 5.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



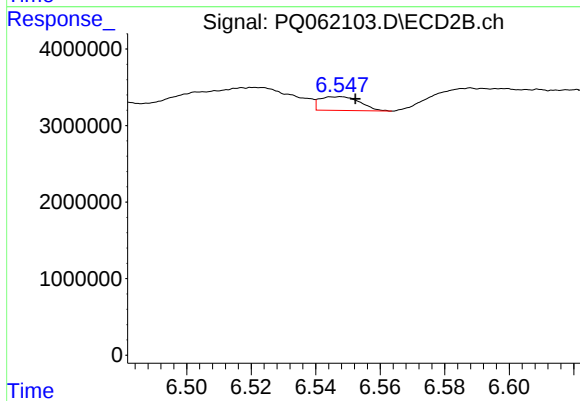
#41 AR-1268-1

R.T.: 6.522 min
Delta R.T.: 0.032 min
Response: 6414849
Conc: 13.63 ng/ml



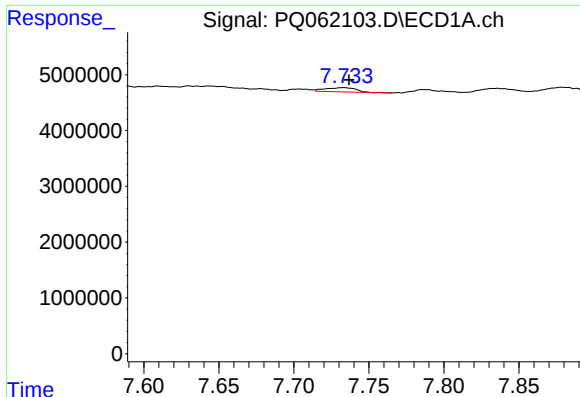
#42 AR-1268-2

R.T.: 7.538 min
Delta R.T.: -0.018 min
Response: 3247319
Conc: 6.37 ng/ml



#42 AR-1268-2

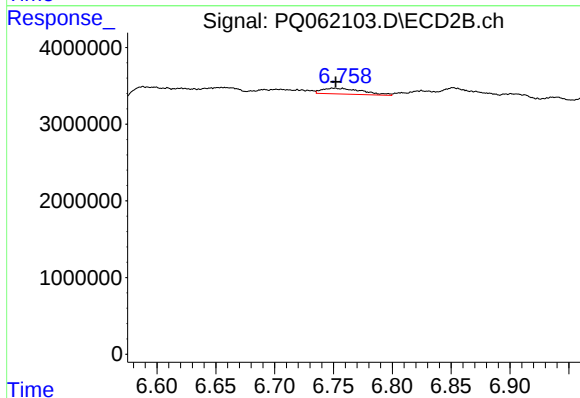
R.T.: 6.547 min
Delta R.T.: -0.005 min
Response: 1554639
Conc: 3.67 ng/ml



#43 AR-1268-3

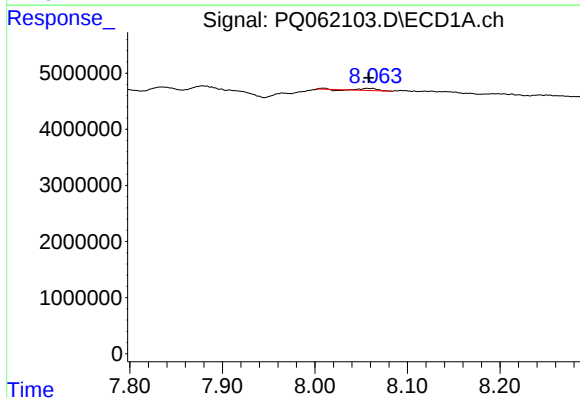
R.T.: 7.733 min
Delta R.T.: -0.004 min
Response: 1059514
Conc: 2.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



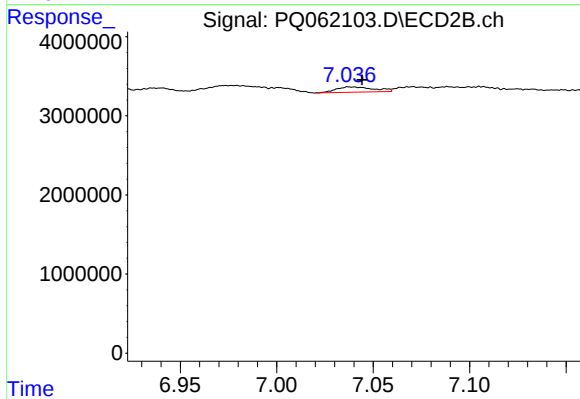
#43 AR-1268-3

R.T.: 6.750 min
Delta R.T.: -0.001 min
Response: 1785140
Conc: 4.85 ng/ml



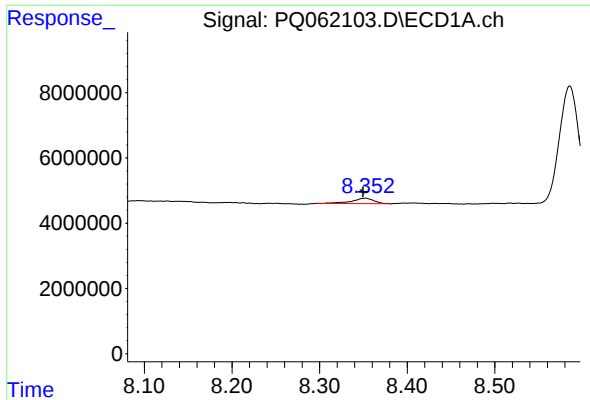
#44 AR-1268-4

R.T.: 8.056 min
Delta R.T.: -0.002 min
Response: 436703
Conc: 2.39 ng/ml



#44 AR-1268-4

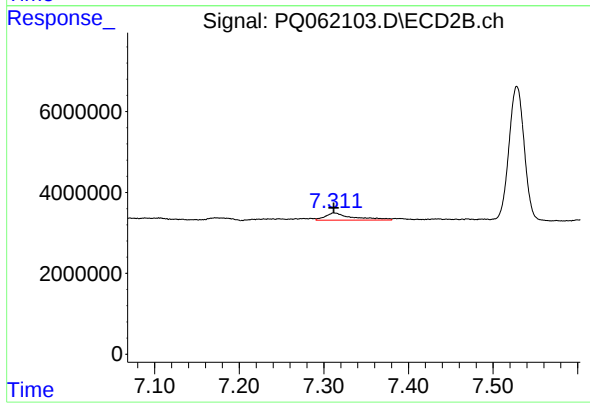
R.T.: 7.038 min
Delta R.T.: -0.006 min
Response: 905359
Conc: 5.66 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 2870470
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 4081477
Conc: 3.50 ng/ml