

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071923\
 Data File : PQ062407.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2023 18:19
 Operator : YP\AJ
 Sample : 03659-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 21:40:50 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...	3.402	2.755	57037749	38649974	11.692	15.404 #
2)	SA Decachlor...	8.582	7.524	56340314	47145709	15.509	14.149
Target Compounds							
3)	L1 AR-1016-1	4.498	3.768	-1461542	6775941	N.D.	68.461 #
4)	L1 AR-1016-2	4.535	3.768	2838020	6775941	11.477	46.990 #
5)	L1 AR-1016-3	4.593	3.941	2154638	12645206	14.138	167.613 #
6)	L1 AR-1016-4	4.662	3.977	3498467	13169614	27.911	200.514 #
7)	L1 AR-1016-5	4.972	4.171	9381006	28653407	77.072	349.510 #
8)	L2 AR-1221-1	3.586	2.941	2840702	687229	47.260	20.827 #
9)	L2 AR-1221-2	3.678	3.061	1927368	1767111	42.895	69.571 #
10)	L2 AR-1221-3	3.756	3.102	2638236	2066687	18.775	26.808 #
11)	L3 AR-1232-1	3.756	3.102	2638236	2066687	24.983	36.069 #
12)	L3 AR-1232-2	4.253	3.768	17652739	6775941	298.434	101.810 #
13)	L3 AR-1232-3	4.535	3.941	2838020	12645206	25.097	365.945 #
14)	L3 AR-1232-4	4.662	4.000	3498467	13787943	61.738	463.619 #
15)	L3 AR-1232-5	4.763	4.171	5564257	28653407	138.933	803.498 #
16)	L4 AR-1242-1	4.498	3.768	-1461542	6775941	N.D.	87.613 #
17)	L4 AR-1242-2	4.535	3.768	2838020	6775941	14.619	60.957 #
18)	L4 AR-1242-3	4.593	3.941	2154638	12645206	17.830	215.877 #
19)	L4 AR-1242-4	4.662	4.000	3498467	13787943	35.887	235.176 #
20)	L4 AR-1242-5	5.385	4.509	3912117	15395175	40.866	185.724 #
21)	L5 AR-1248-1	4.498	3.768	-1461542	6775941	N.D.	108.380 #
22)	L5 AR-1248-2	4.763	3.977	5564257	13169614	38.732	140.448 #
23)	L5 AR-1248-3	4.972	4.000	9381006	13787943	54.003	152.279 #
24)	L5 AR-1248-4	5.367	4.171	7892933	28653407	41.124	253.931 #
25)	L5 AR-1248-5	5.385	4.545	3912117	10882453	21.599	97.136 #
26)	L6 AR-1254-1	5.327	4.509	6994728	15395175	37.642	95.348 #
27)	L6 AR-1254-2	5.514f	4.659	1588396	3237193	5.464	21.988 #
28)	L6 AR-1254-3	5.897	5.043	6483815	2446599	21.110	10.469 #
29)	L6 AR-1254-4	6.155f	5.285	2329958	3470482	10.035	22.770 #
30)	L6 AR-1254-5	6.618	5.675	16592792	11235023	64.596	48.679
31)	L7 AR-1260-1	6.043	5.166	31394418	5182125	133.066	31.114 #
32)	L7 AR-1260-2	6.316	5.361	5395322	6967789	18.681	33.508 #
33)	L7 AR-1260-3	6.677	5.482	8989350	3075445	50.909	15.807 #
34)	L7 AR-1260-4	6.861f	5.961	1215087	507081	5.768	3.476 #
35)	L7 AR-1260-5	7.206	6.208	903005	3256151	2.199	9.806 #
36)	L8 AR-1262-1	6.677	5.713	8989350	3188718	29.479	13.717 #
37)	L8 AR-1262-2	7.206	5.961	903005	507081	1.714	2.345 #
38)	L8 AR-1262-3	7.482	6.489	2928036	474776	8.311	2.723 #
39)	L8 AR-1262-4	7.555	6.544	2219884	1194957	8.323	3.708 #
40)	L8 AR-1262-5	8.057	7.041	3322879	739997	18.720	4.771 #
41)	L9 AR-1268-1	7.482	6.489	2928036	474776	5.160	1.009 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2023 18:19
 Operator : YP\AJ
 Sample : 03659-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

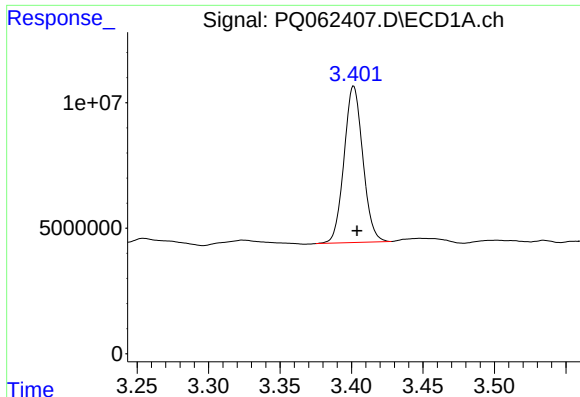
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 21:40:50 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	7.555	6.544	2219884	1194957	4.354	2.820 #
43) L9	AR-1268-3	7.732	6.760	302429	1403031	0.709	3.809 #
44) L9	AR-1268-4	8.057	7.041	3322879	739997	18.159	4.627 #
45) L9	AR-1268-5	8.349	7.313	1786201	3030461	1.417	2.597 #

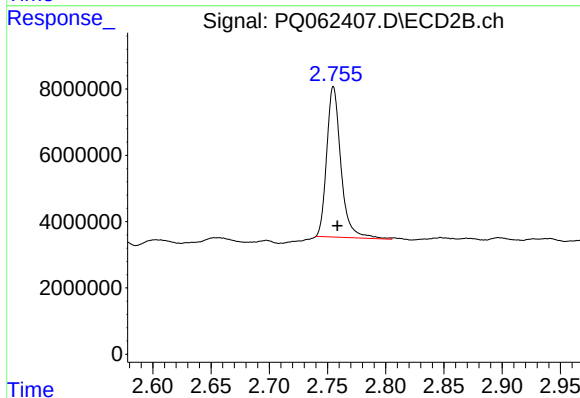
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

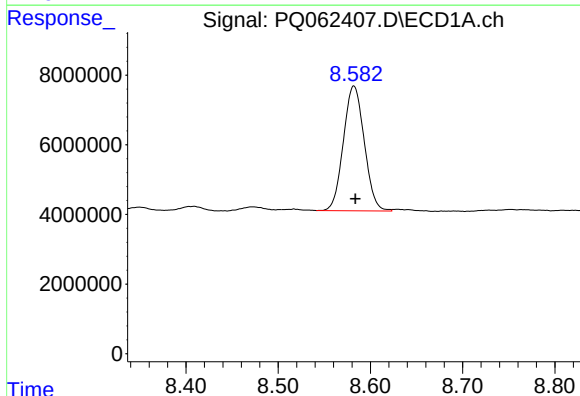
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 57037749
Conc: 11.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



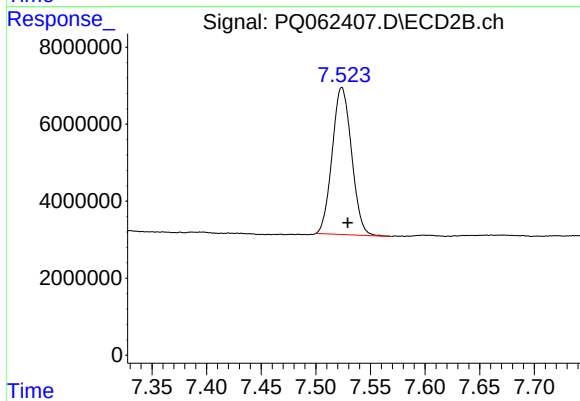
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.003 min
Response: 38649974
Conc: 15.40 ng/ml



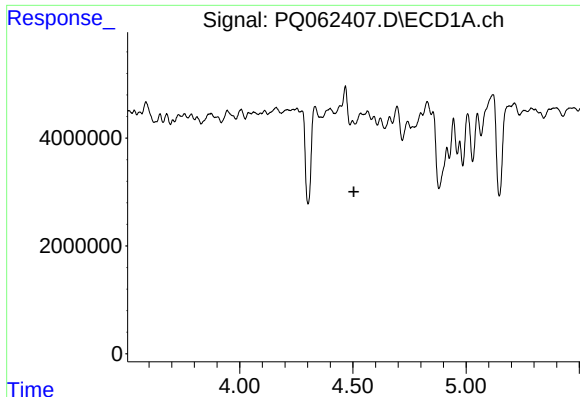
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 56340314
Conc: 15.51 ng/ml



#2 Decachlorobiphenyl

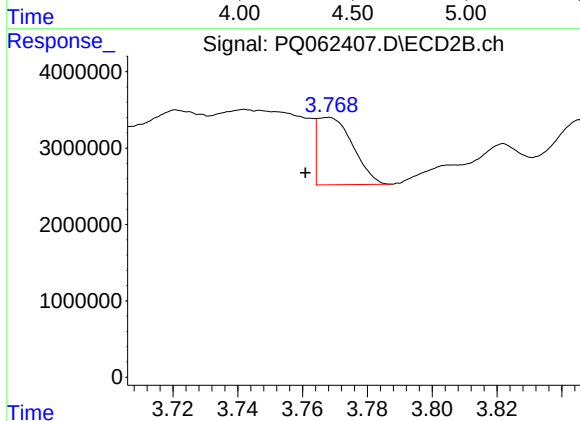
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 47145709
Conc: 14.15 ng/ml



#3 AR-1016-1

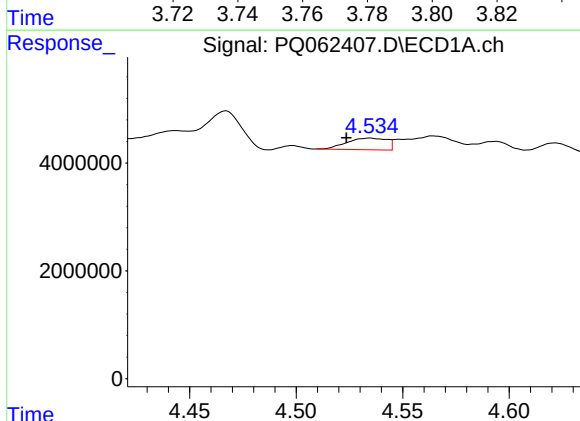
R.T.: 4.498 min
Delta R.T.: -0.006 min
Response: -1461542
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



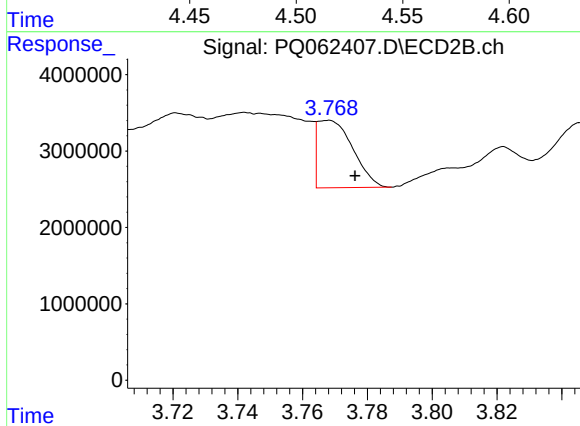
#3 AR-1016-1

R.T.: 3.768 min
Delta R.T.: 0.007 min
Response: 6775941
Conc: 68.46 ng/ml



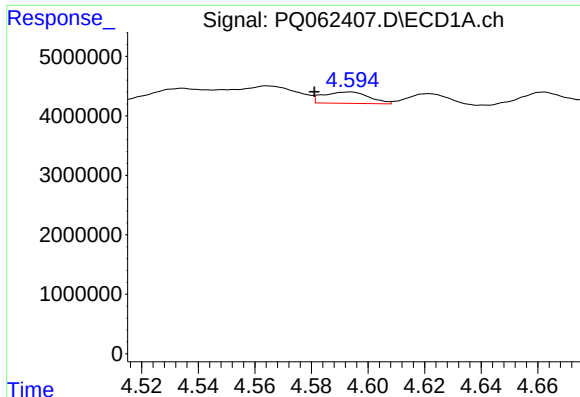
#4 AR-1016-2

R.T.: 4.535 min
Delta R.T.: 0.011 min
Response: 2838020
Conc: 11.48 ng/ml



#4 AR-1016-2

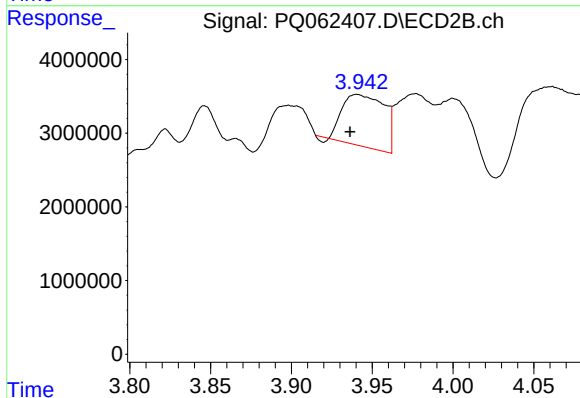
R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 6775941
Conc: 46.99 ng/ml



#5 AR-1016-3

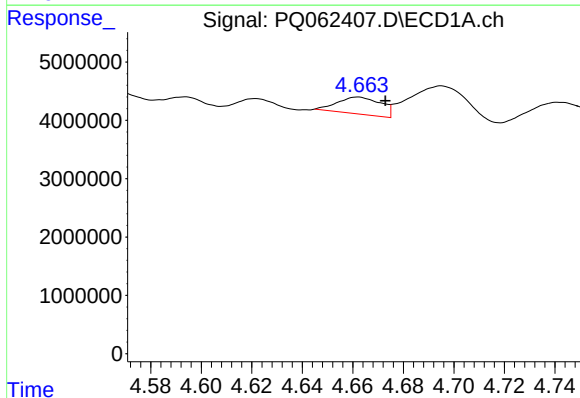
R.T.: 4.593 min
Delta R.T.: 0.012 min
Response: 2154638
Conc: 14.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



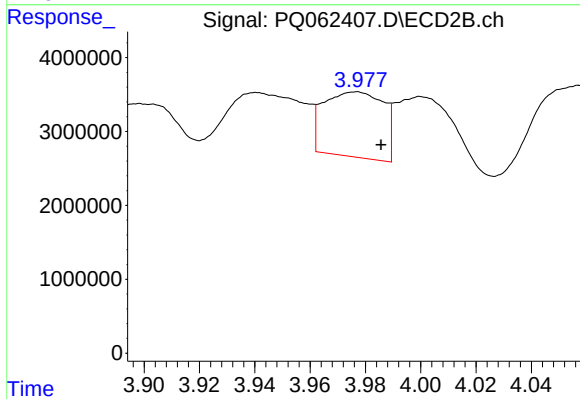
#5 AR-1016-3

R.T.: 3.941 min
Delta R.T.: 0.004 min
Response: 12645206
Conc: 167.61 ng/ml



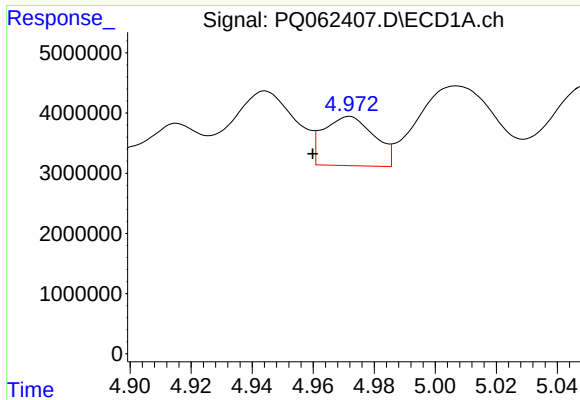
#6 AR-1016-4

R.T.: 4.662 min
Delta R.T.: -0.011 min
Response: 3498467
Conc: 27.91 ng/ml



#6 AR-1016-4

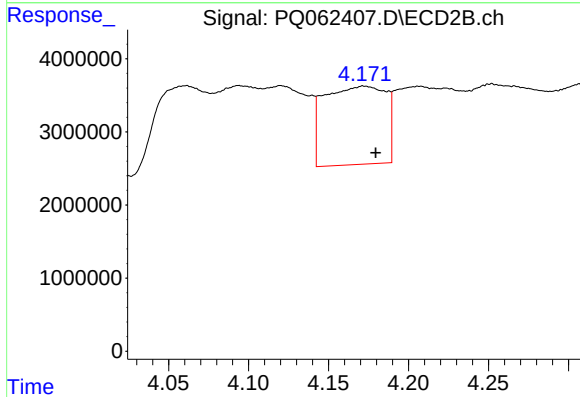
R.T.: 3.977 min
Delta R.T.: -0.009 min
Response: 13169614
Conc: 200.51 ng/ml



#7 AR-1016-5

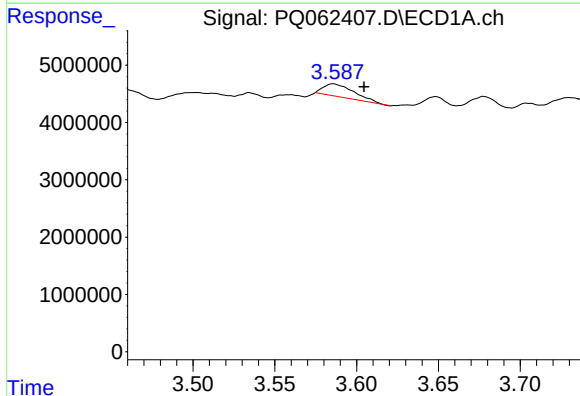
R.T.: 4.972 min
Delta R.T.: 0.012 min
Response: 9381006
Conc: 77.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



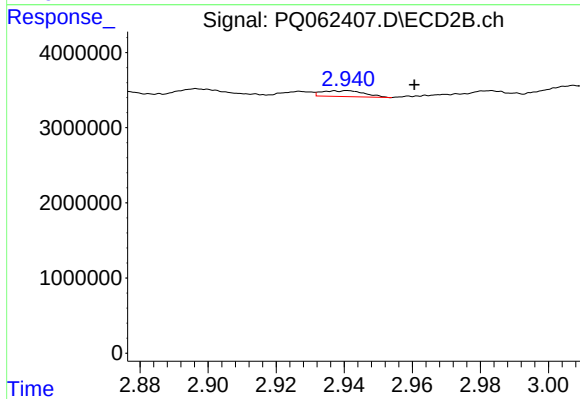
#7 AR-1016-5

R.T.: 4.171 min
Delta R.T.: -0.008 min
Response: 28653407
Conc: 349.51 ng/ml



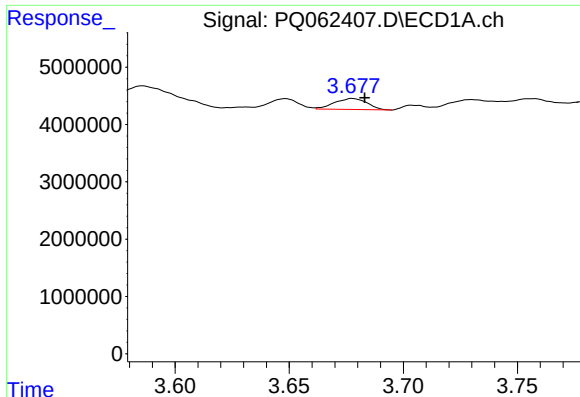
#8 AR-1221-1

R.T.: 3.586 min
Delta R.T.: -0.019 min
Response: 2840702
Conc: 47.26 ng/ml



#8 AR-1221-1

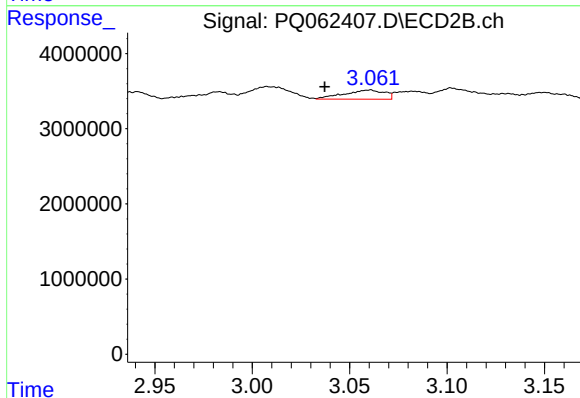
R.T.: 2.941 min
Delta R.T.: -0.019 min
Response: 687229
Conc: 20.83 ng/ml



#9 AR-1221-2

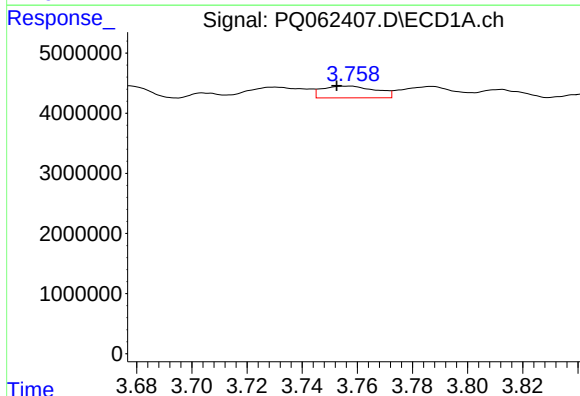
R.T.: 3.678 min
Delta R.T.: -0.005 min
Response: 1927368
Conc: 42.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



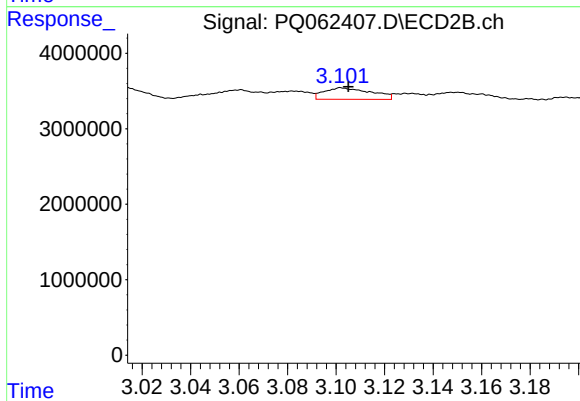
#9 AR-1221-2

R.T.: 3.061 min
Delta R.T.: 0.024 min
Response: 1767111
Conc: 69.57 ng/ml



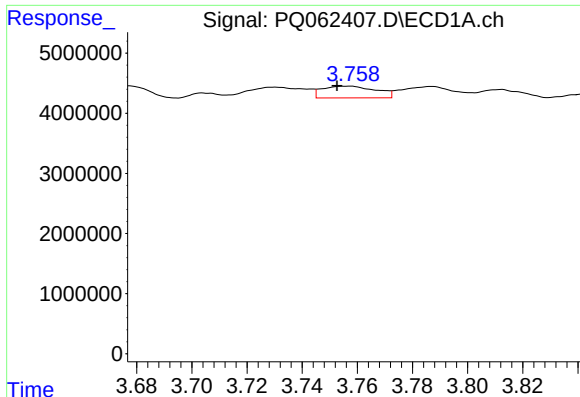
#10 AR-1221-3

R.T.: 3.756 min
Delta R.T.: 0.004 min
Response: 2638236
Conc: 18.78 ng/ml



#10 AR-1221-3

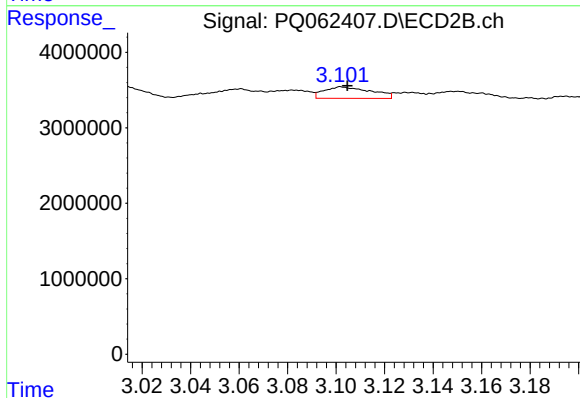
R.T.: 3.102 min
Delta R.T.: -0.003 min
Response: 2066687
Conc: 26.81 ng/ml



#11 AR-1232-1

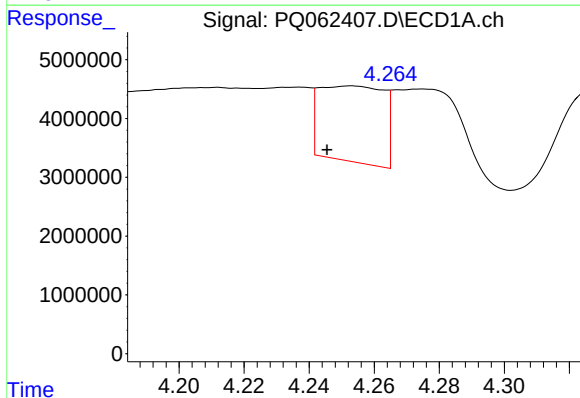
R.T.: 3.756 min
Delta R.T.: 0.004 min
Response: 2638236
Conc: 24.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



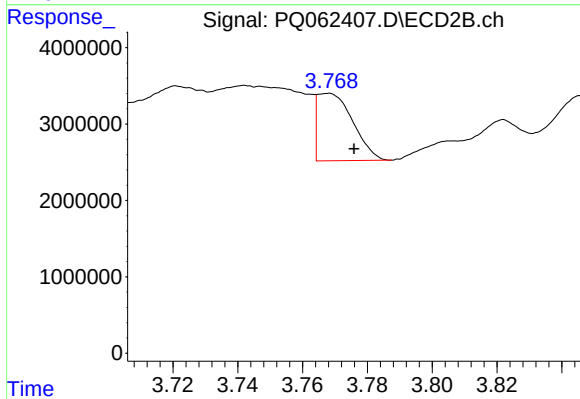
#11 AR-1232-1

R.T.: 3.102 min
Delta R.T.: -0.003 min
Response: 2066687
Conc: 36.07 ng/ml



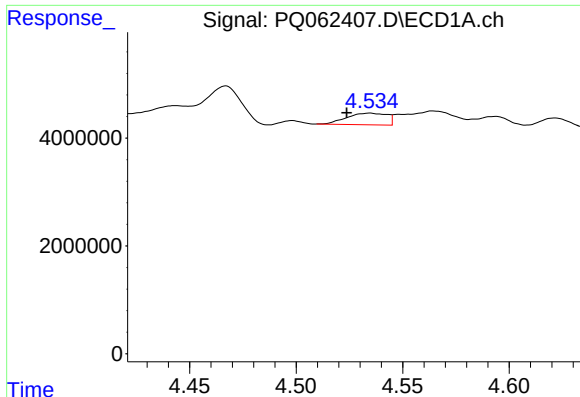
#12 AR-1232-2

R.T.: 4.253 min
Delta R.T.: 0.008 min
Response: 17652739
Conc: 298.43 ng/ml



#12 AR-1232-2

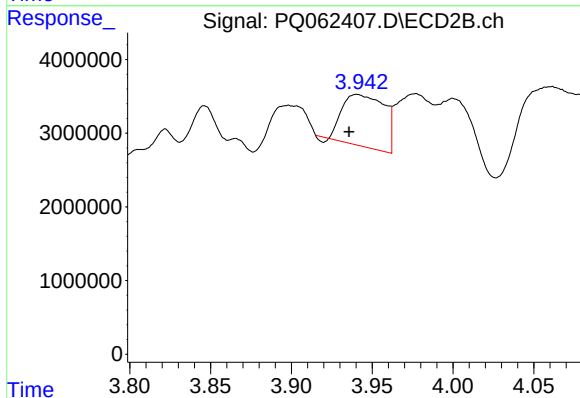
R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 6775941
Conc: 101.81 ng/ml



#13 AR-1232-3

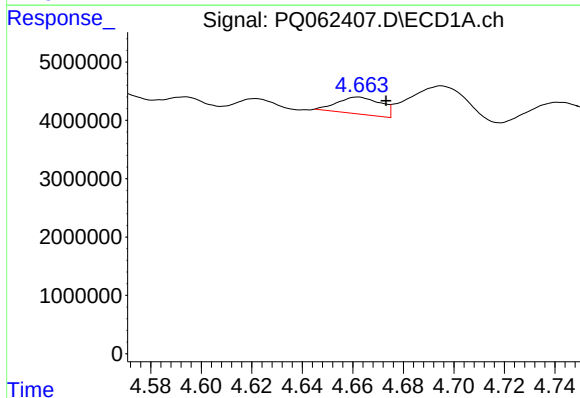
R.T.: 4.535 min
Delta R.T.: 0.011 min
Response: 2838020
Conc: 25.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



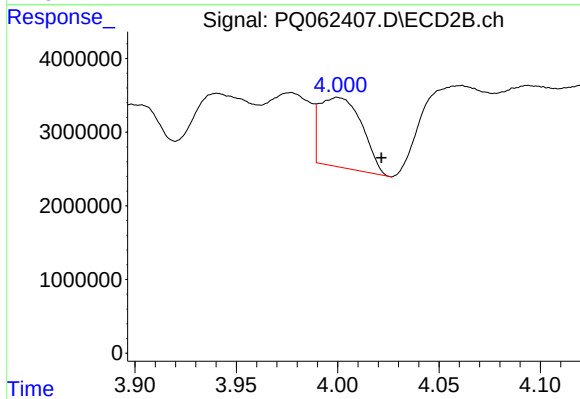
#13 AR-1232-3

R.T.: 3.941 min
Delta R.T.: 0.005 min
Response: 12645206
Conc: 365.94 ng/ml



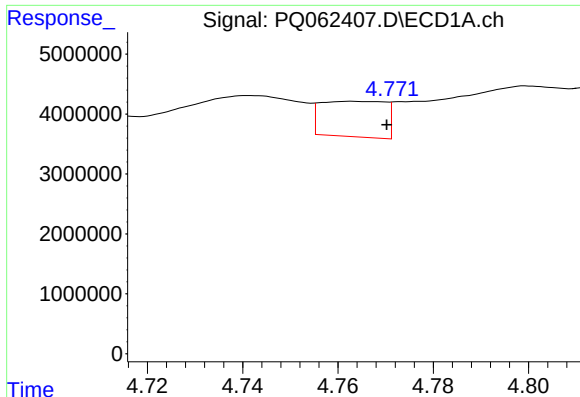
#14 AR-1232-4

R.T.: 4.662 min
Delta R.T.: -0.011 min
Response: 3498467
Conc: 61.74 ng/ml



#14 AR-1232-4

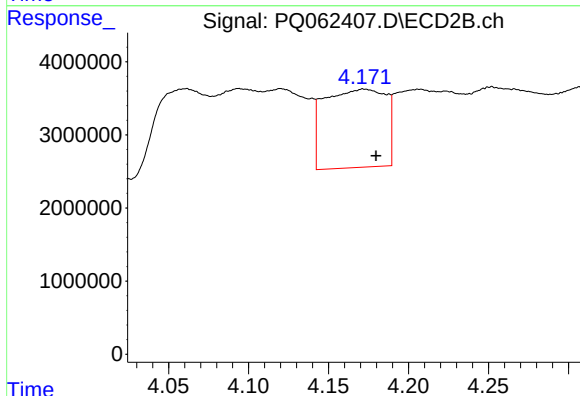
R.T.: 4.000 min
Delta R.T.: -0.022 min
Response: 13787943
Conc: 463.62 ng/ml



#15 AR-1232-5

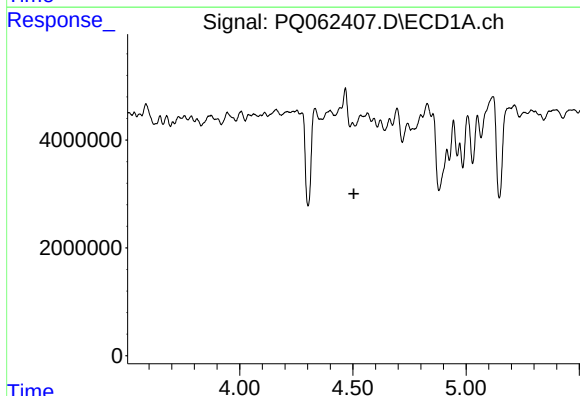
R.T.: 4.763 min
Delta R.T.: -0.007 min
Response: 5564257
Conc: 138.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



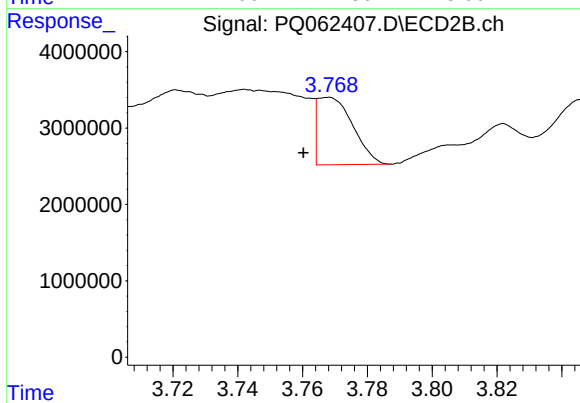
#15 AR-1232-5

R.T.: 4.171 min
Delta R.T.: -0.008 min
Response: 28653407
Conc: 803.50 ng/ml



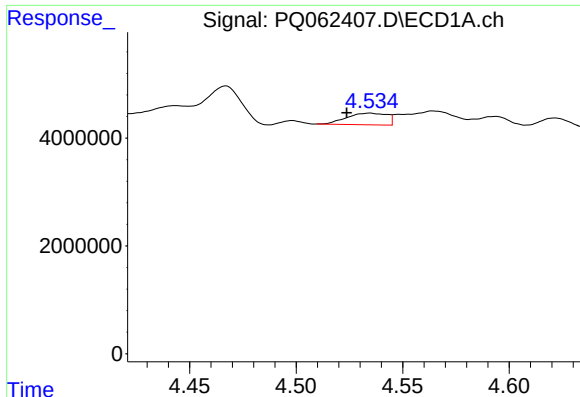
#16 AR-1242-1

R.T.: 4.498 min
Delta R.T.: -0.007 min
Response: -1461542
Conc: N.D.



#16 AR-1242-1

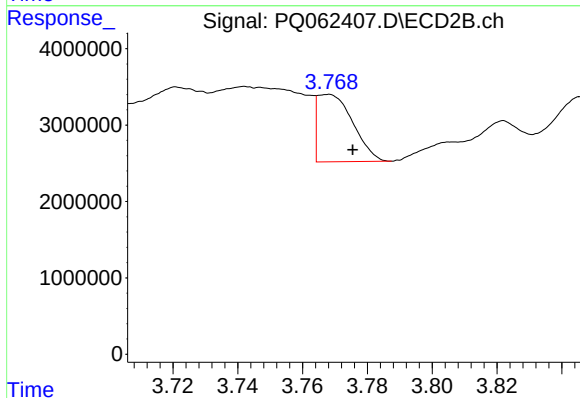
R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 6775941
Conc: 87.61 ng/ml



#17 AR-1242-2

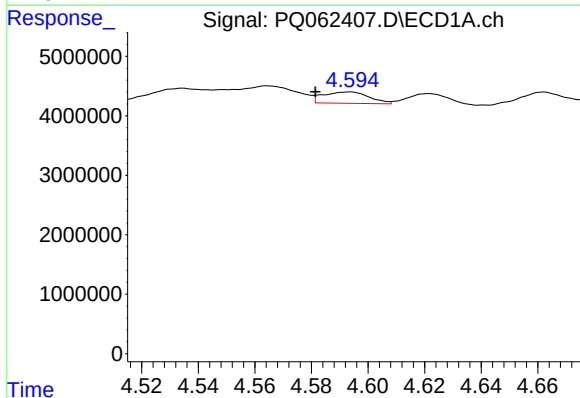
R.T.: 4.535 min
Delta R.T.: 0.011 min
Response: 2838020
Conc: 14.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



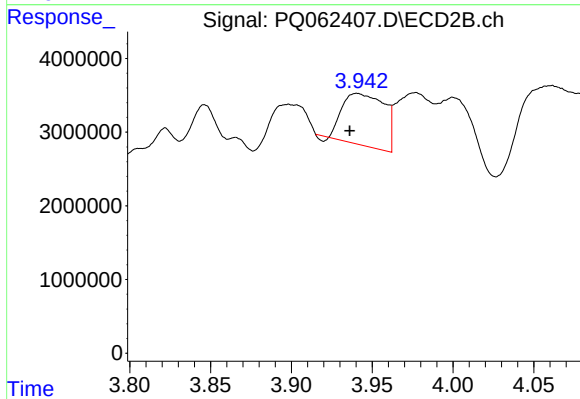
#17 AR-1242-2

R.T.: 3.768 min
Delta R.T.: -0.007 min
Response: 6775941
Conc: 60.96 ng/ml



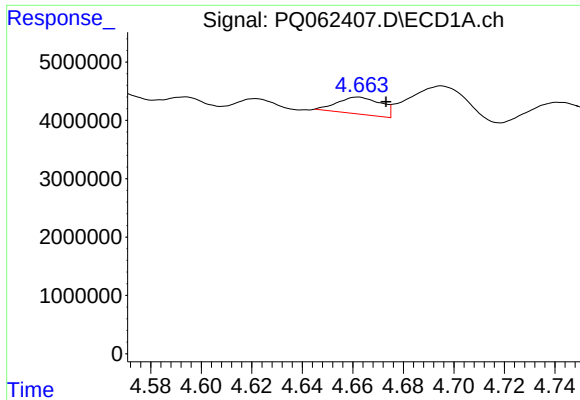
#18 AR-1242-3

R.T.: 4.593 min
Delta R.T.: 0.012 min
Response: 2154638
Conc: 17.83 ng/ml



#18 AR-1242-3

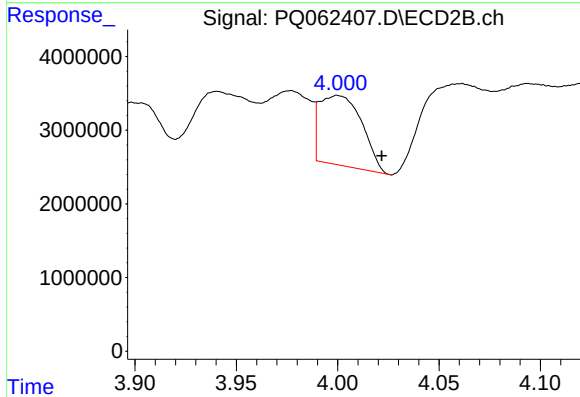
R.T.: 3.941 min
Delta R.T.: 0.005 min
Response: 12645206
Conc: 215.88 ng/ml



#19 AR-1242-4

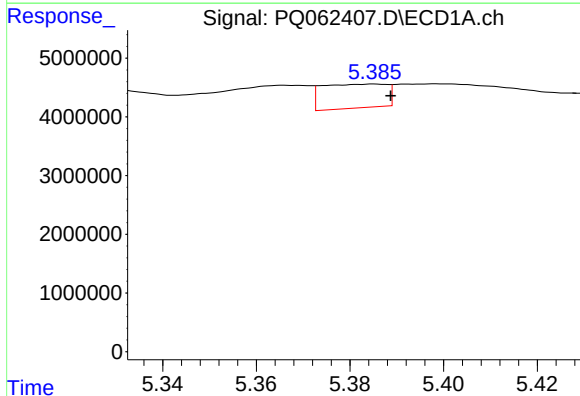
R.T.: 4.662 min
Delta R.T.: -0.011 min
Response: 3498467
Conc: 35.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



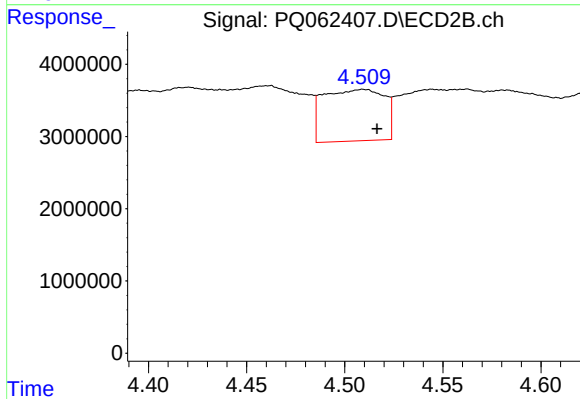
#19 AR-1242-4

R.T.: 4.000 min
Delta R.T.: -0.022 min
Response: 13787943
Conc: 235.18 ng/ml



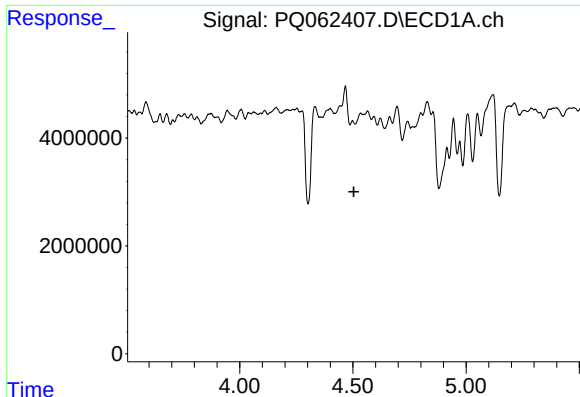
#20 AR-1242-5

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 3912117
Conc: 40.87 ng/ml



#20 AR-1242-5

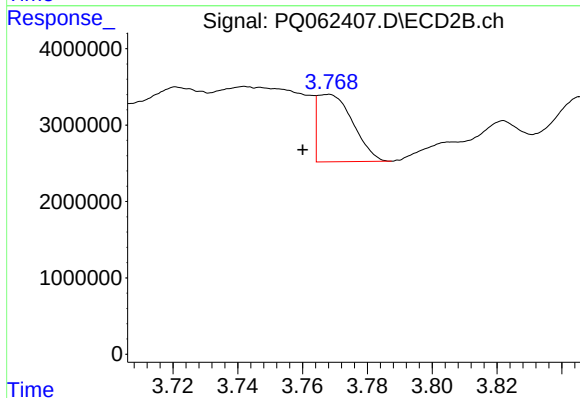
R.T.: 4.509 min
Delta R.T.: -0.007 min
Response: 15395175
Conc: 185.72 ng/ml



#21 AR-1248-1

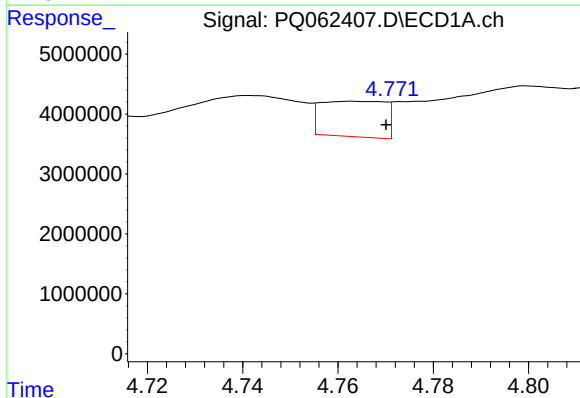
R.T.: 4.498 min
Delta R.T.: -0.007 min
Response: -1461542
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



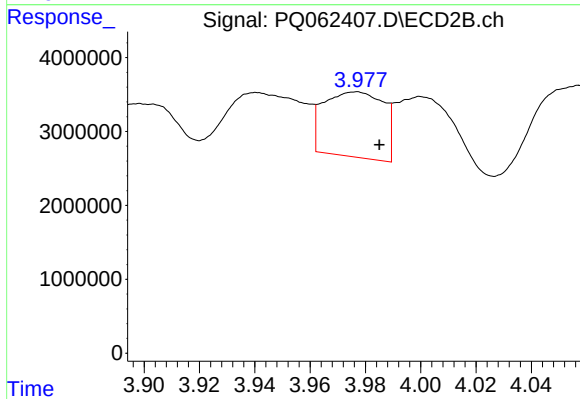
#21 AR-1248-1

R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 6775941
Conc: 108.38 ng/ml



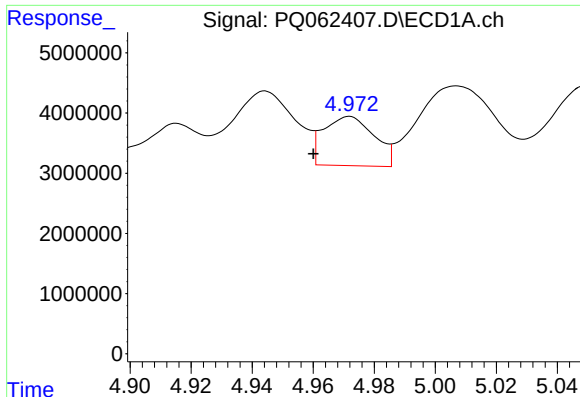
#22 AR-1248-2

R.T.: 4.763 min
Delta R.T.: -0.007 min
Response: 5564257
Conc: 38.73 ng/ml



#22 AR-1248-2

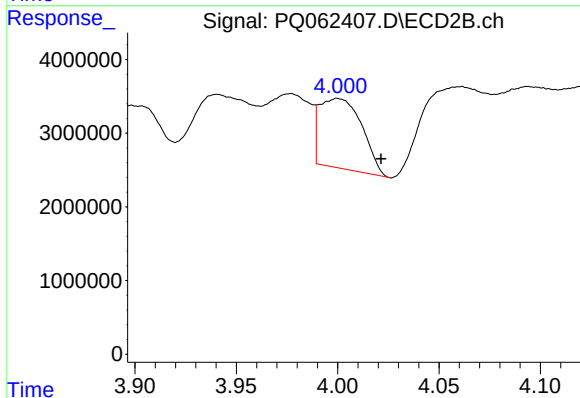
R.T.: 3.977 min
Delta R.T.: -0.008 min
Response: 13169614
Conc: 140.45 ng/ml



#23 AR-1248-3

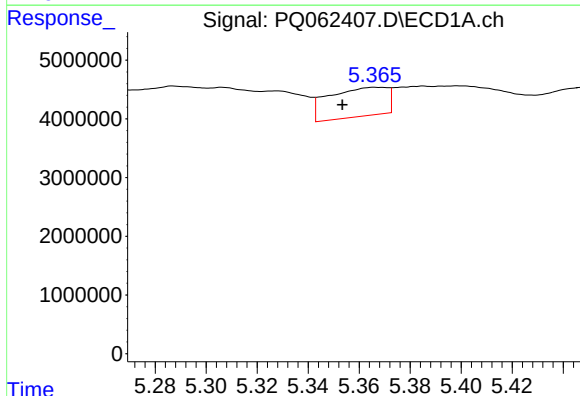
R.T.: 4.972 min
Delta R.T.: 0.012 min
Response: 9381006
Conc: 54.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



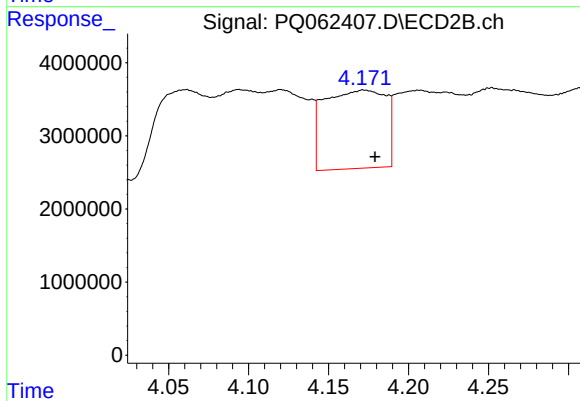
#23 AR-1248-3

R.T.: 4.000 min
Delta R.T.: -0.022 min
Response: 13787943
Conc: 152.28 ng/ml



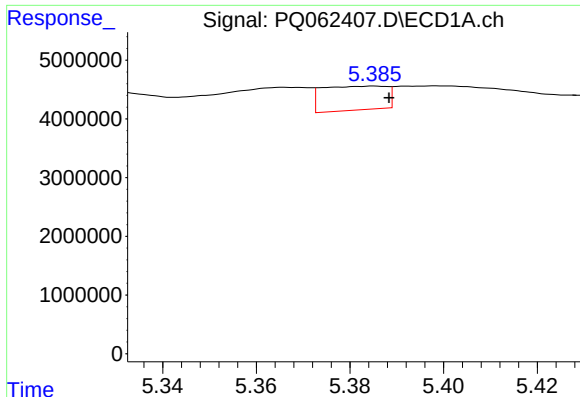
#24 AR-1248-4

R.T.: 5.367 min
Delta R.T.: 0.013 min
Response: 7892933
Conc: 41.12 ng/ml



#24 AR-1248-4

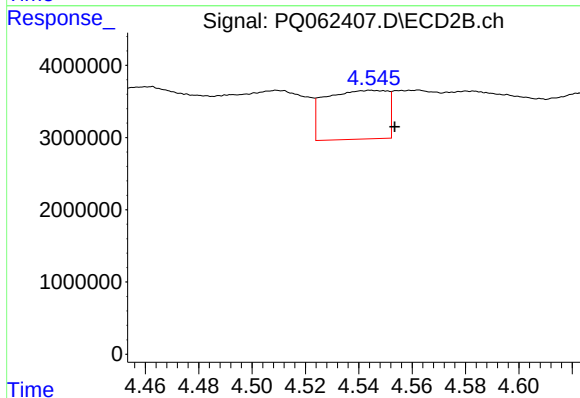
R.T.: 4.171 min
Delta R.T.: -0.008 min
Response: 28653407
Conc: 253.93 ng/ml



#25 AR-1248-5

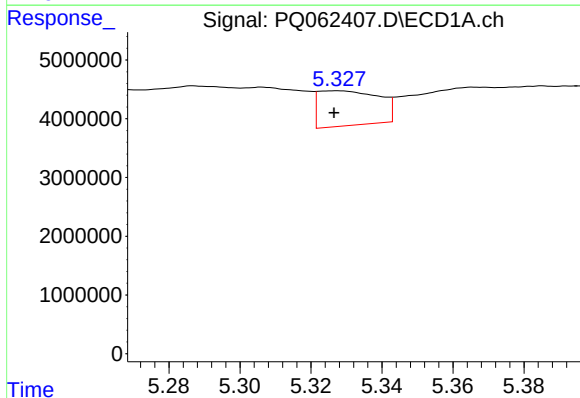
R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 3912117
Conc: 21.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



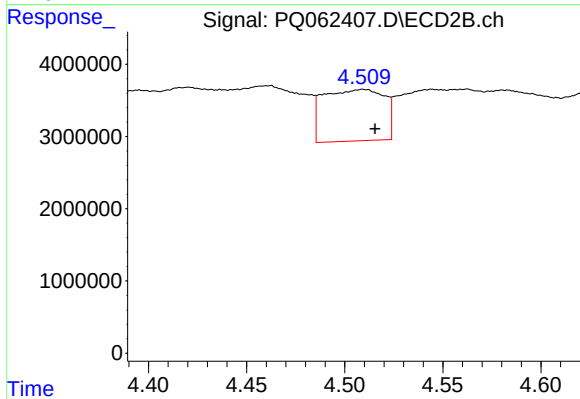
#25 AR-1248-5

R.T.: 4.545 min
Delta R.T.: -0.009 min
Response: 10882453
Conc: 97.14 ng/ml



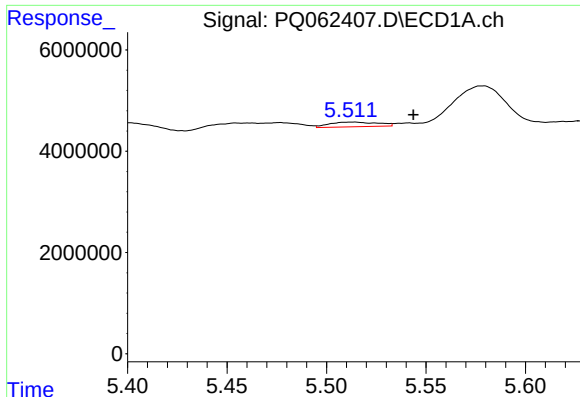
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 6994728
Conc: 37.64 ng/ml



#26 AR-1254-1

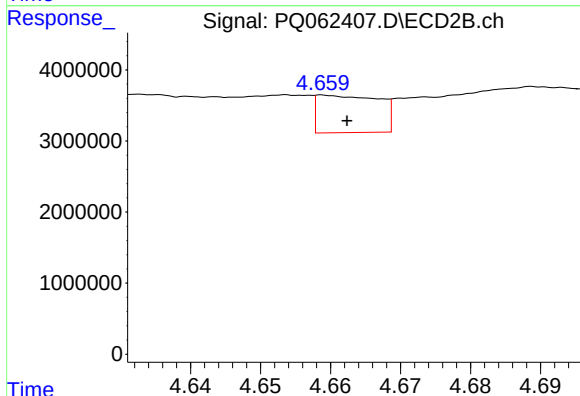
R.T.: 4.509 min
Delta R.T.: -0.006 min
Response: 15395175
Conc: 95.35 ng/ml



#27 AR-1254-2

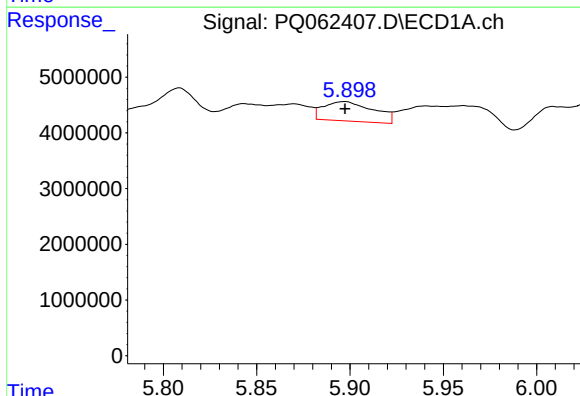
R.T.: 5.514 min
Delta R.T.: -0.030 min
Response: 1588396
Conc: 5.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



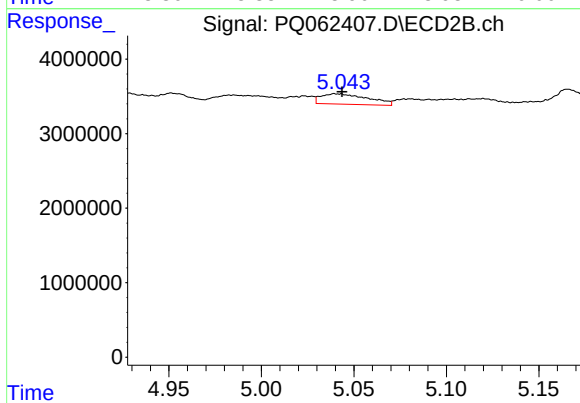
#27 AR-1254-2

R.T.: 4.659 min
Delta R.T.: -0.004 min
Response: 3237193
Conc: 21.99 ng/ml



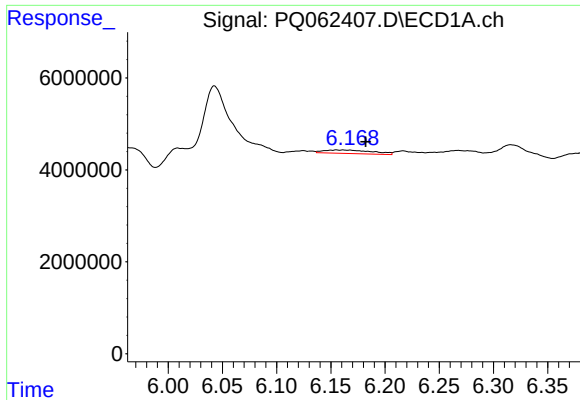
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 6483815
Conc: 21.11 ng/ml



#28 AR-1254-3

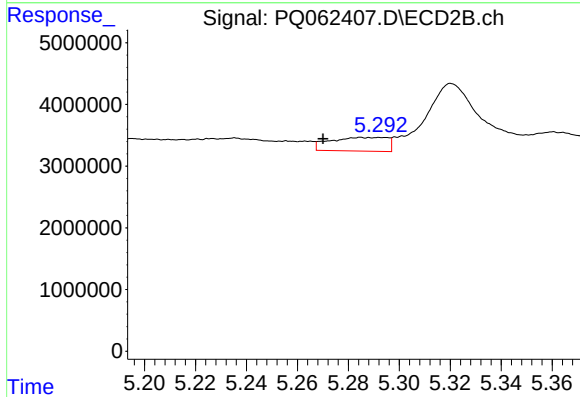
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 2446599
Conc: 10.47 ng/ml



#29 AR-1254-4

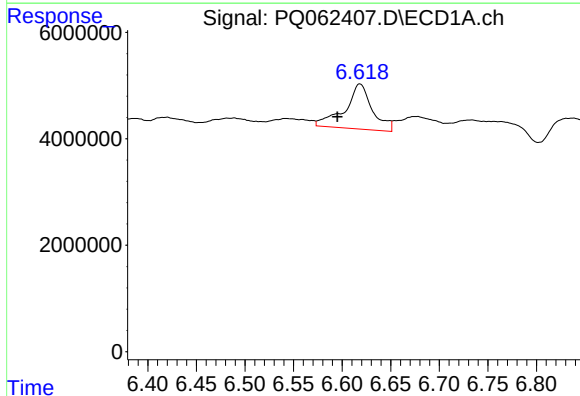
R.T.: 6.155 min
Delta R.T.: -0.027 min
Response: 2329958
Conc: 10.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



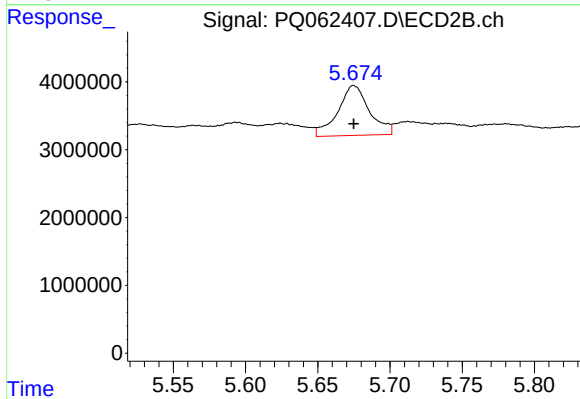
#29 AR-1254-4

R.T.: 5.285 min
Delta R.T.: 0.015 min
Response: 3470482
Conc: 22.77 ng/ml



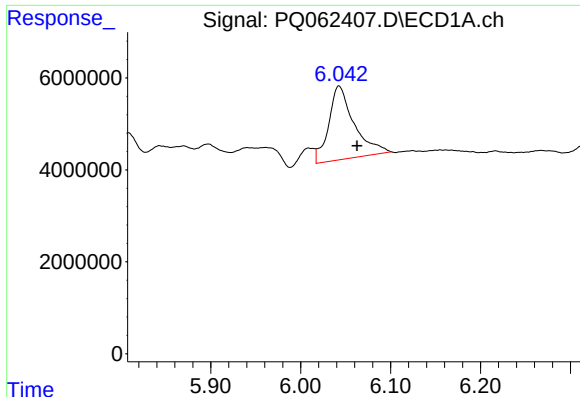
#30 AR-1254-5

R.T.: 6.618 min
Delta R.T.: 0.023 min
Response: 16592792
Conc: 64.60 ng/ml



#30 AR-1254-5

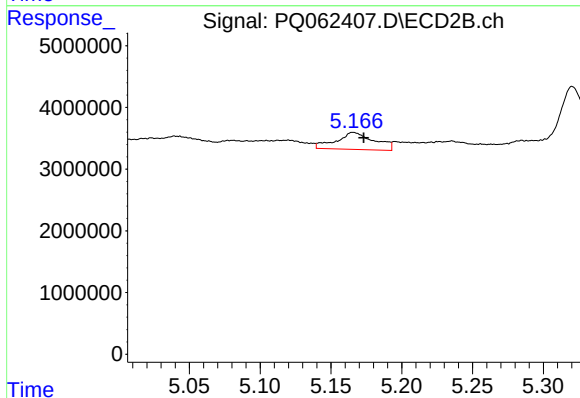
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 11235023
Conc: 48.68 ng/ml



#31 AR-1260-1

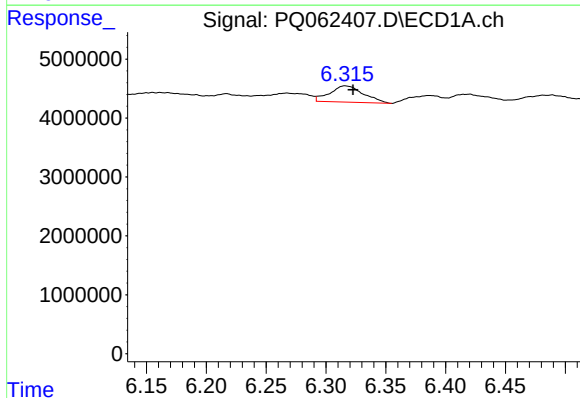
R.T.: 6.043 min
Delta R.T.: -0.020 min
Response: 31394418
Conc: 133.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



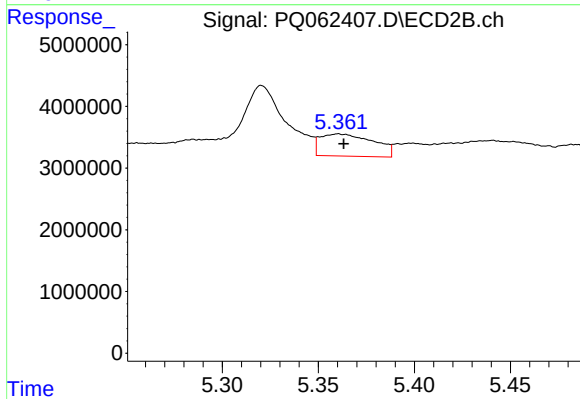
#31 AR-1260-1

R.T.: 5.166 min
Delta R.T.: -0.007 min
Response: 5182125
Conc: 31.11 ng/ml



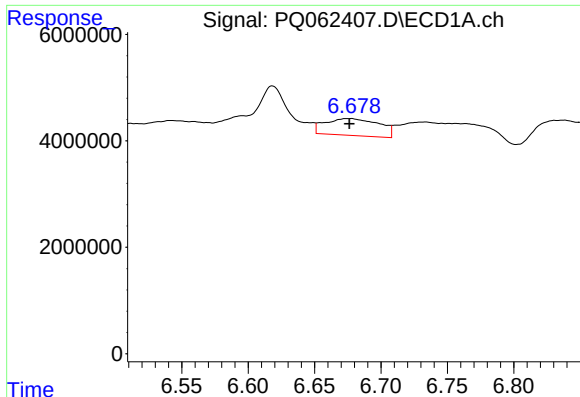
#32 AR-1260-2

R.T.: 6.316 min
Delta R.T.: -0.007 min
Response: 5395322
Conc: 18.68 ng/ml



#32 AR-1260-2

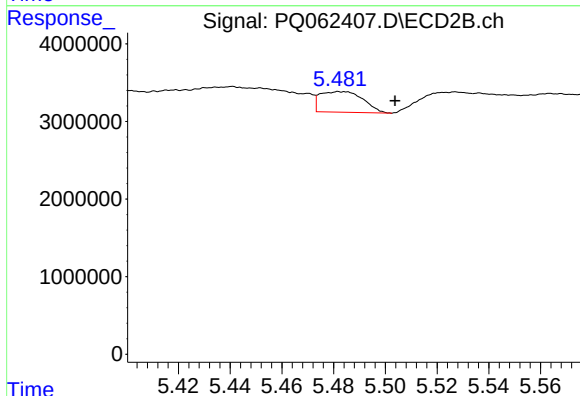
R.T.: 5.361 min
Delta R.T.: -0.003 min
Response: 6967789
Conc: 33.51 ng/ml



#33 AR-1260-3

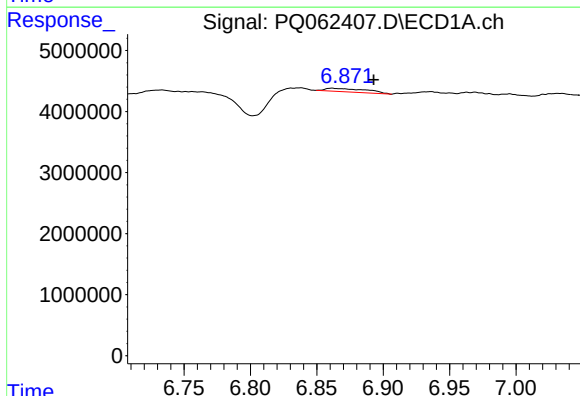
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 8989350
Conc: 50.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



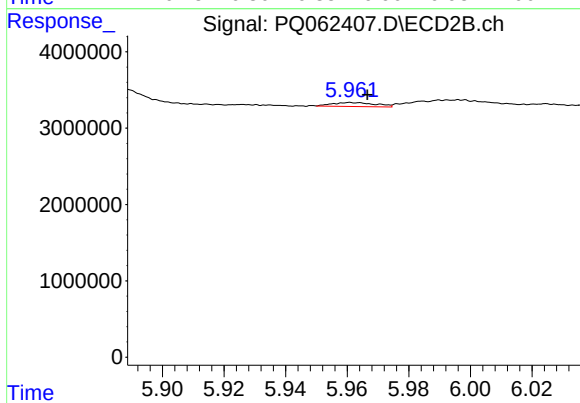
#33 AR-1260-3

R.T.: 5.482 min
Delta R.T.: -0.022 min
Response: 3075445
Conc: 15.81 ng/ml



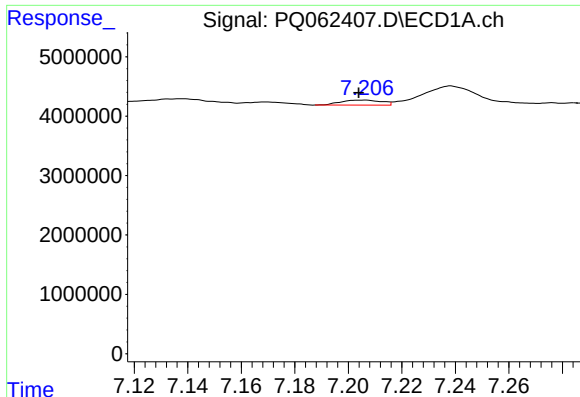
#34 AR-1260-4

R.T.: 6.861 min
Delta R.T.: -0.032 min
Response: 1215087
Conc: 5.77 ng/ml



#34 AR-1260-4

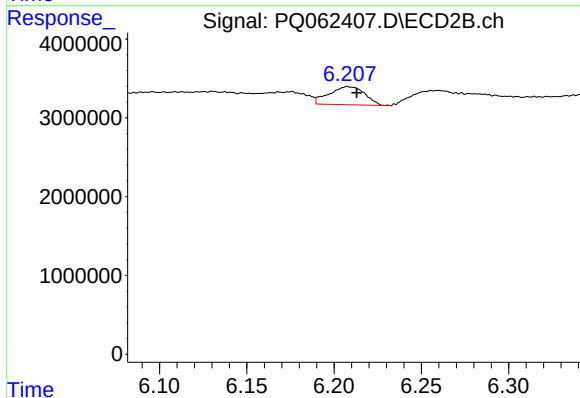
R.T.: 5.961 min
Delta R.T.: -0.006 min
Response: 507081
Conc: 3.48 ng/ml



#35 AR-1260-5

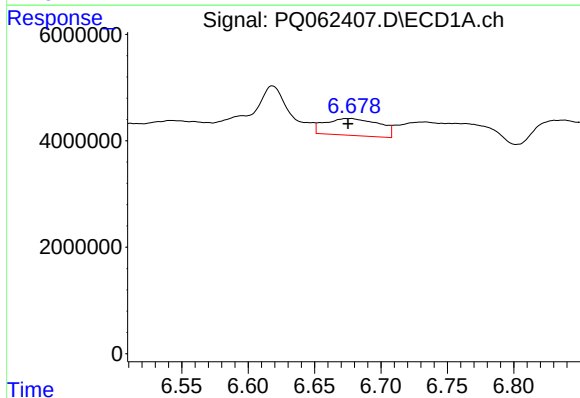
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 903005
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



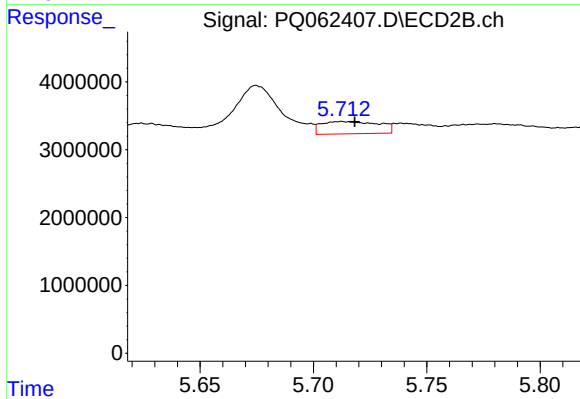
#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 3256151
Conc: 9.81 ng/ml



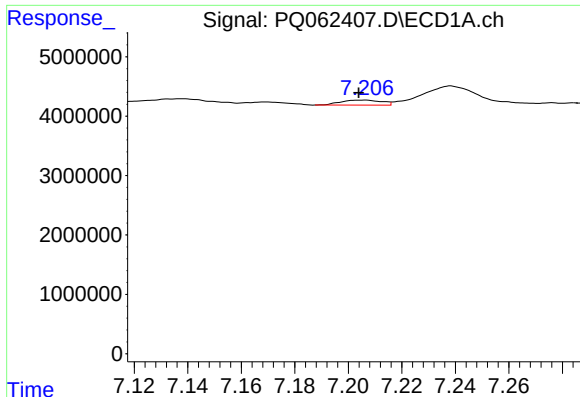
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 8989350
Conc: 29.48 ng/ml



#36 AR-1262-1

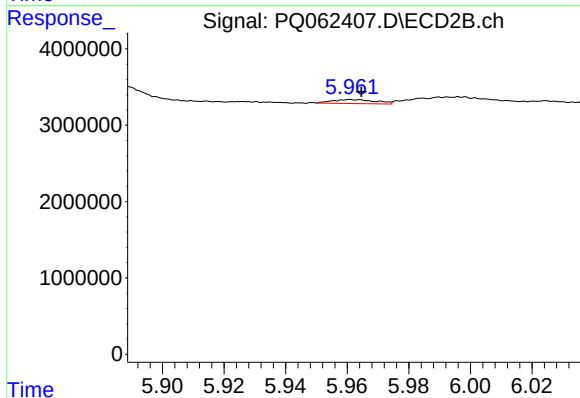
R.T.: 5.713 min
Delta R.T.: -0.006 min
Response: 3188718
Conc: 13.72 ng/ml



#37 AR-1262-2

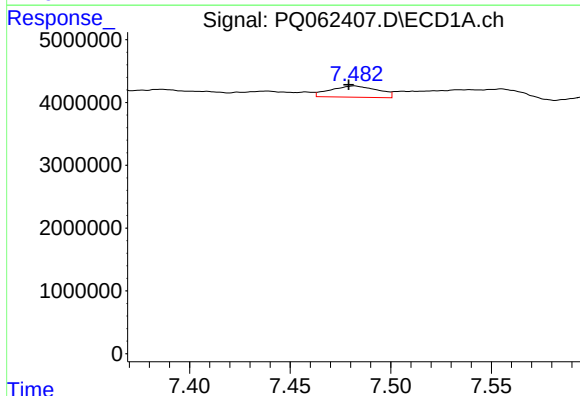
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 903005
Conc: 1.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



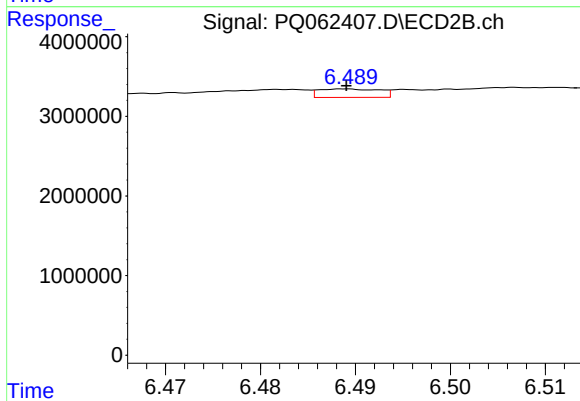
#37 AR-1262-2

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 507081
Conc: 2.35 ng/ml



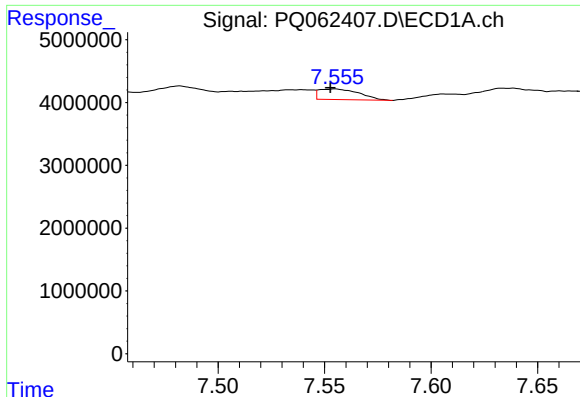
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 2928036
Conc: 8.31 ng/ml



#38 AR-1262-3

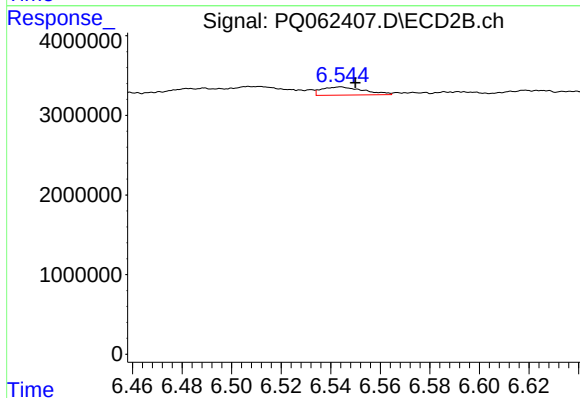
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 474776
Conc: 2.72 ng/ml



#39 AR-1262-4

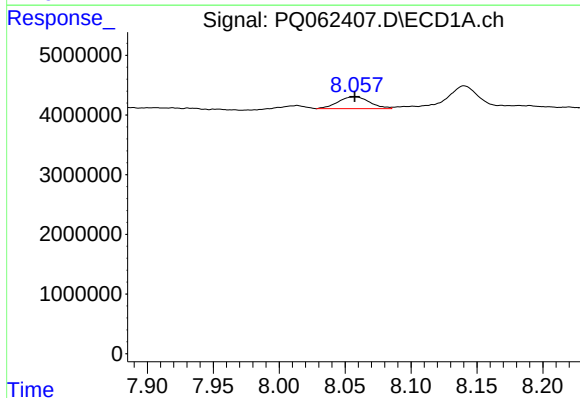
R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 2219884
Conc: 8.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



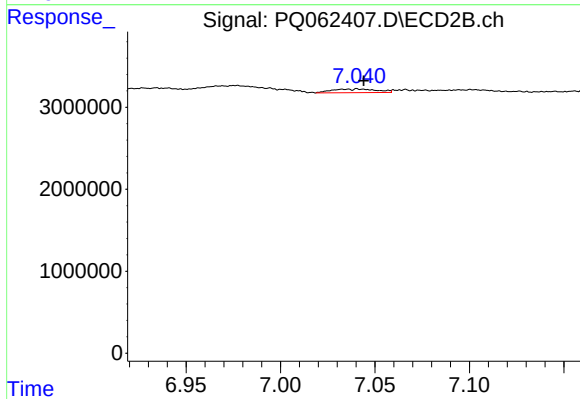
#39 AR-1262-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 1194957
Conc: 3.71 ng/ml



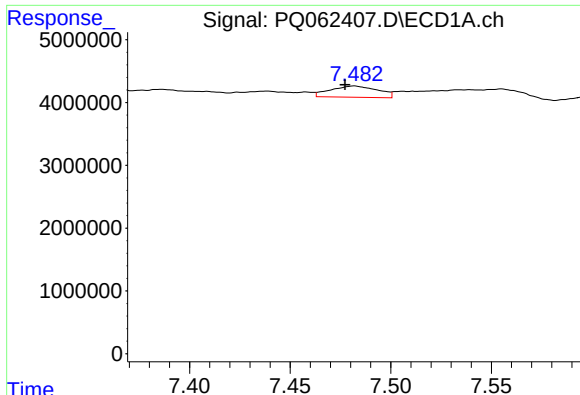
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 3322879
Conc: 18.72 ng/ml



#40 AR-1262-5

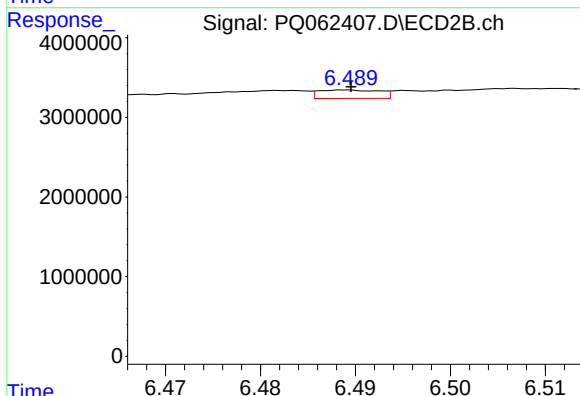
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 739997
Conc: 4.77 ng/ml



#41 AR-1268-1

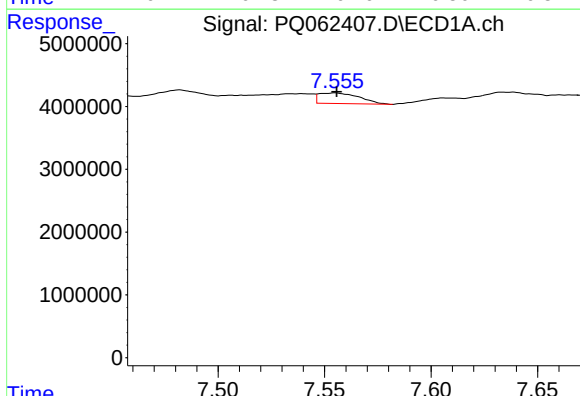
R.T.: 7.482 min
Delta R.T.: 0.005 min
Response: 2928036
Conc: 5.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



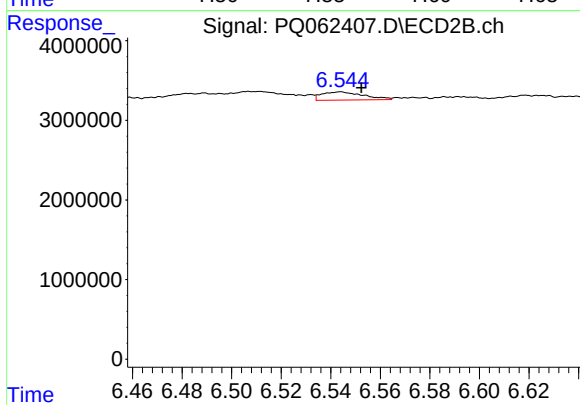
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 474776
Conc: 1.01 ng/ml



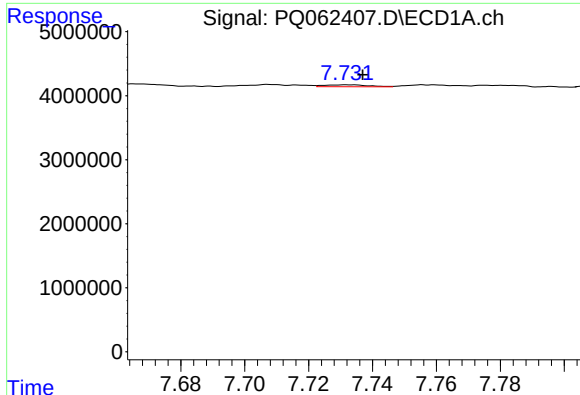
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 2219884
Conc: 4.35 ng/ml



#42 AR-1268-2

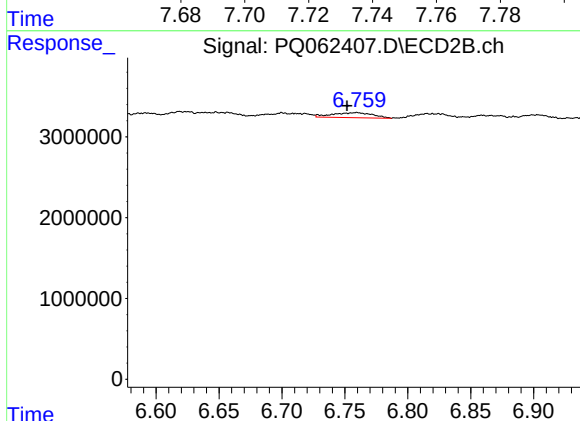
R.T.: 6.544 min
Delta R.T.: -0.008 min
Response: 1194957
Conc: 2.82 ng/ml



#43 AR-1268-3

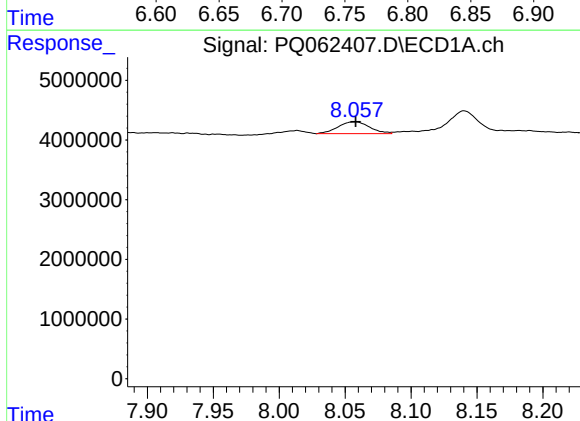
R.T.: 7.732 min
Delta R.T.: -0.005 min
Response: 302429
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



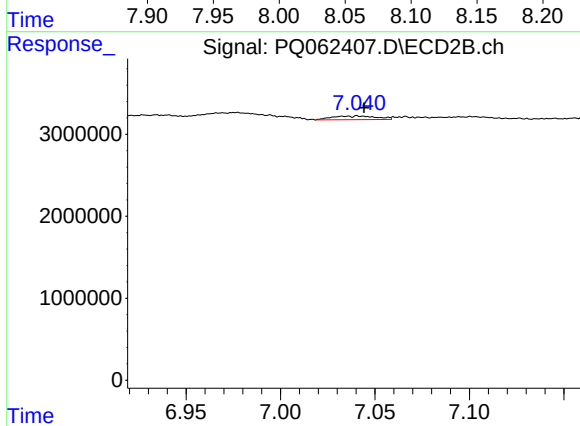
#43 AR-1268-3

R.T.: 6.760 min
Delta R.T.: 0.008 min
Response: 1403031
Conc: 3.81 ng/ml



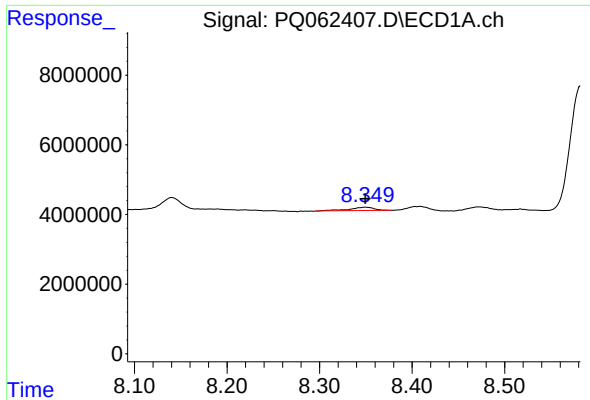
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 3322879
Conc: 18.16 ng/ml



#44 AR-1268-4

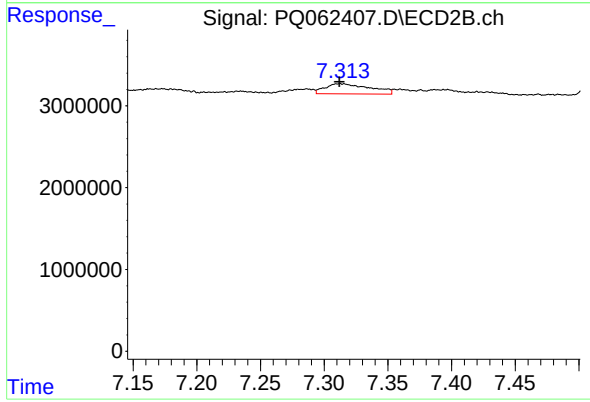
R.T.: 7.041 min
Delta R.T.: -0.004 min
Response: 739997
Conc: 4.63 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 1786201
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 3030461
Conc: 2.60 ng/ml