

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071123\
 Data File : PQ062099.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 13:33
 Operator : YP\AJ
 Sample : 03564-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 21:35:12 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	2.757	74012450	42059513	15.172	16.763
2)	SA Decachlor...	8.587	7.528	45472390	40918592	12.517	12.280
Target Compounds							
3)	L1 AR-1016-1	4.503	3.769	6397648	13456737	38.840	135.960 #
4)	L1 AR-1016-2	4.525	3.769	2155292	13456737	8.716	93.321 #
5)	L1 AR-1016-3	4.590	3.942	453628	2230461	2.976	29.565 #
6)	L1 AR-1016-4	4.708f	3.961	9820498	5011465	78.348	76.302
7)	L1 AR-1016-5	4.970	4.176	7042078	20254472	57.856	247.061 #
8)	L2 AR-1221-1	3.601	2.952	-193977	2011931	N.D.	60.974 #
9)	L2 AR-1221-2	3.681	3.027	2749826	7008192	61.199	275.912 #
10)	L2 AR-1221-3	3.755	3.104	8568837	5138277	60.980	66.652
11)	L3 AR-1232-1	3.755	3.104	8568837	5138277	81.143	89.675
12)	L3 AR-1232-2	4.210f	3.769	64158317	13456737	1084.651	202.190 #
13)	L3 AR-1232-3	4.525	3.942	2155292	2230461	19.060	64.548 #
14)	L3 AR-1232-4	4.708f	4.017	9820498	10760758	173.304	361.830 #
15)	L3 AR-1232-5	4.748	4.176	13767988	20254472	343.770	567.975 #
16)	L4 AR-1242-1	4.503	3.769	6397648	13456737	48.948	173.997 #
17)	L4 AR-1242-2	4.525	3.769	2155292	13456737	11.102	121.059 #
18)	L4 AR-1242-3	4.590	3.942	453628	2230461	3.754	38.078 #
19)	L4 AR-1242-4	4.708f	4.017	9820498	10760758	100.738	183.542 #
20)	L4 AR-1242-5	5.409	4.509	6368827	41040269	66.529	495.102 #
21)	L5 AR-1248-1	4.503	3.769	6397648	13456737	61.528	215.238 #
22)	L5 AR-1248-2	4.748	3.961	13767988	5011465	95.836	53.445 #
23)	L5 AR-1248-3	4.970	4.017	7042078	10760758	40.539	118.846 #
24)	L5 AR-1248-4	5.340	4.176	73946840	20254472	385.279	179.498 #
25)	L5 AR-1248-5	5.409	4.550	6368827	20602267	35.163	183.895 #
26)	L6 AR-1254-1	5.340	4.509	73946840	41040269	397.946	254.178 #
27)	L6 AR-1254-2	5.532	4.657	58016072	18710205	199.565	127.086 #
28)	L6 AR-1254-3	5.898	5.063	76042234	29650777	247.581	126.875 #
29)	L6 AR-1254-4	6.193	5.280	4355845	25247990	18.760	165.654 #
30)	L6 AR-1254-5	6.606	5.681	14810574	11409123	57.658	49.434
31)	L7 AR-1260-1	6.039	5.176	15665037	36491454	66.397	219.098 #
32)	L7 AR-1260-2	6.337	5.370	20640723	45735401	71.468	219.939 #
33)	L7 AR-1260-3	6.669	5.527	5439859	20257132	30.807	104.118 #
34)	L7 AR-1260-4	6.909	5.944	13850494	6357113	65.751	43.583 #
35)	L7 AR-1260-5	7.203	6.211	30698199	5600952	74.763	16.867 #
36)	L8 AR-1262-1	6.669	5.736	5439859	14585943	17.839	62.743 #
37)	L8 AR-1262-2	7.203	5.944	30698199	6357113	58.283	29.403 #
38)	L8 AR-1262-3	7.485	6.518f	7078445	12746741	20.092	73.119 #
39)	L8 AR-1262-4	7.567	6.549	1621550	3009272	6.080	9.337 #
40)	L8 AR-1262-5	8.066	7.041	1559544	2210690	8.786	14.252 #
41)	L9 AR-1268-1	7.485	6.518f	7078445	12746741	12.474	27.090 #

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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

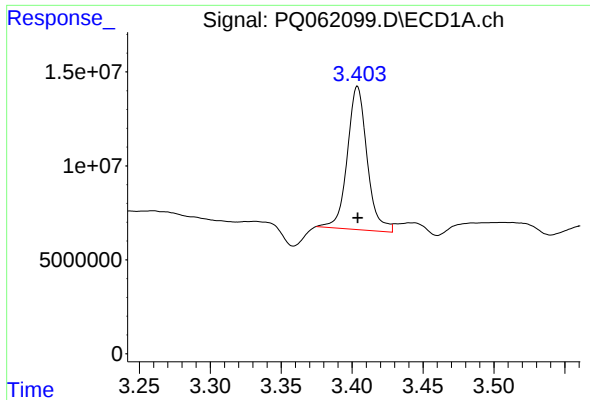
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 21:35:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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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	7.567	6.549	1621550	3009272	3.180	7.102 #
43) L9	AR-1268-3	7.730	6.743	1375942	4402988	3.224	11.954 #
44) L9	AR-1268-4	8.066	7.041	1559544	2210690	8.523	13.822 #
45) L9	AR-1268-5	8.354	7.314	1711261	3619635	1.357	3.102 #

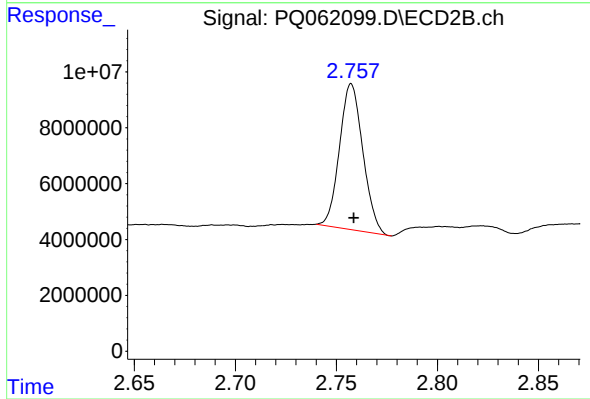
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

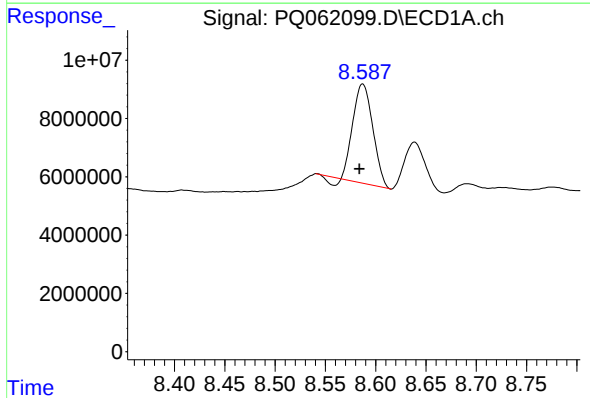
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 74012450
Conc: 15.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



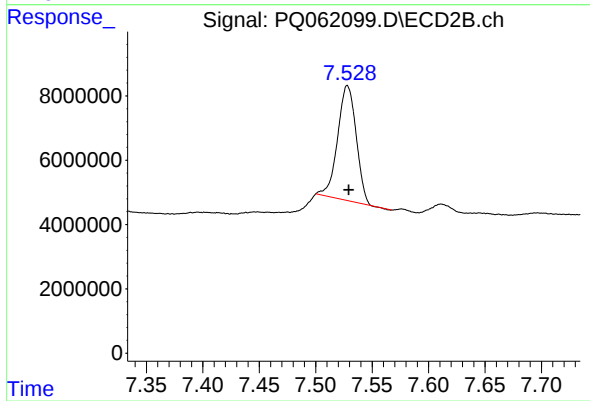
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: -0.001 min
Response: 42059513
Conc: 16.76 ng/ml



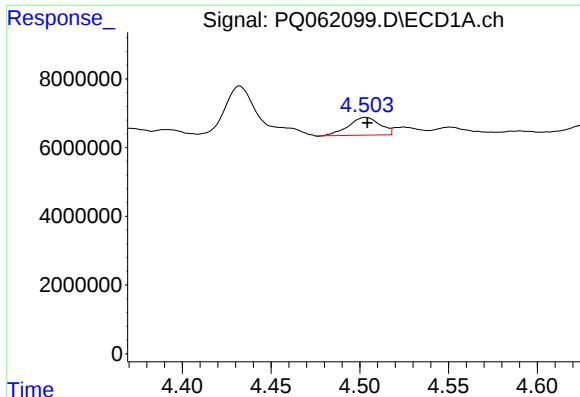
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 45472390
Conc: 12.52 ng/ml



#2 Decachlorobiphenyl

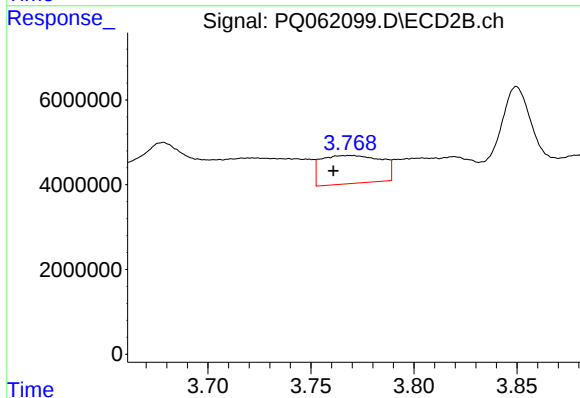
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 40918592
Conc: 12.28 ng/ml



#3 AR-1016-1

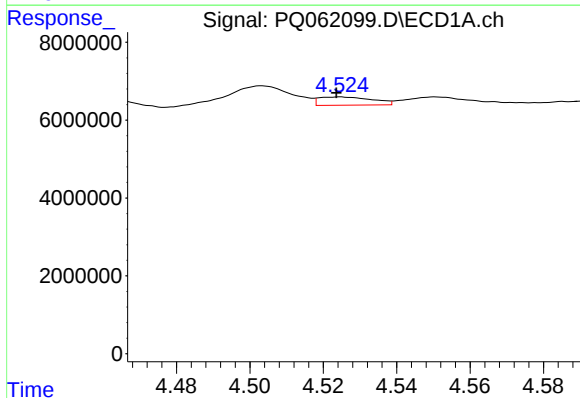
R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 6397648
Conc: 38.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



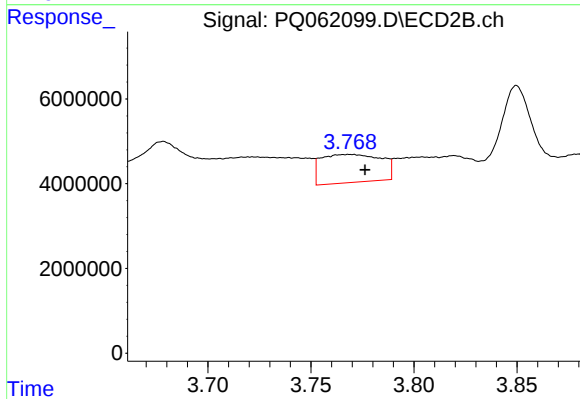
#3 AR-1016-1

R.T.: 3.769 min
Delta R.T.: 0.008 min
Response: 13456737
Conc: 135.96 ng/ml



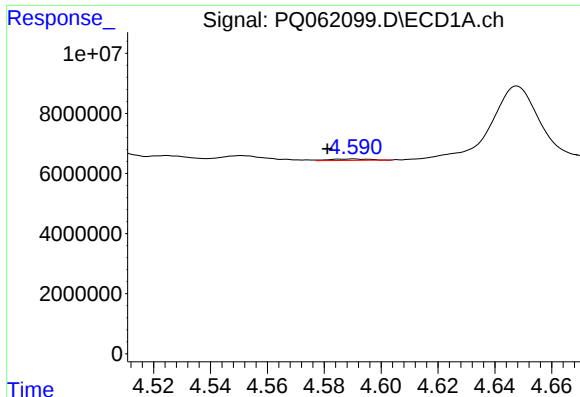
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 2155292
Conc: 8.72 ng/ml



#4 AR-1016-2

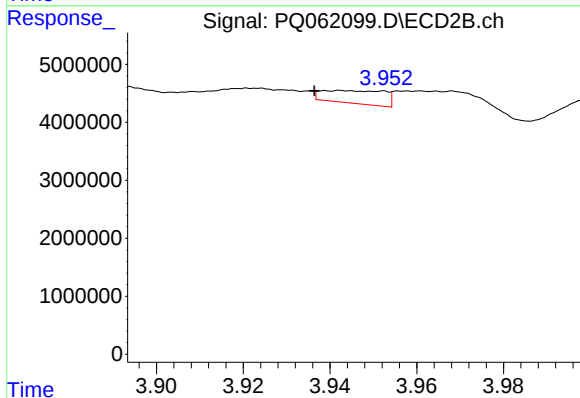
R.T.: 3.769 min
Delta R.T.: -0.008 min
Response: 13456737
Conc: 93.32 ng/ml



#5 AR-1016-3

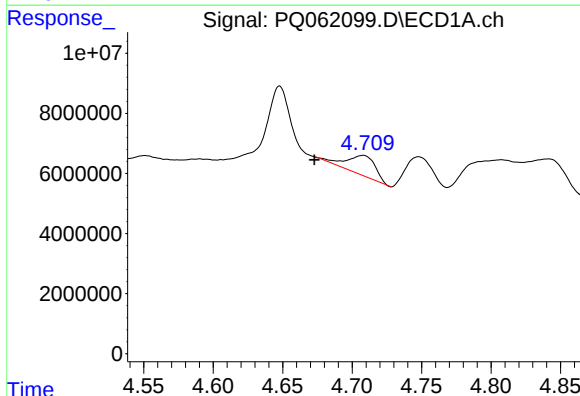
R.T.: 4.590 min
Delta R.T.: 0.009 min
Response: 453628
Conc: 2.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



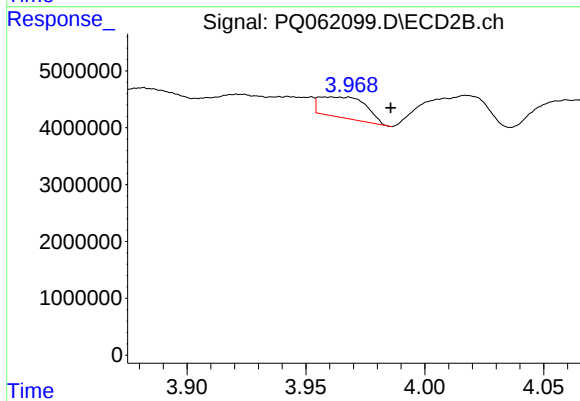
#5 AR-1016-3

R.T.: 3.942 min
Delta R.T.: 0.006 min
Response: 2230461
Conc: 29.56 ng/ml



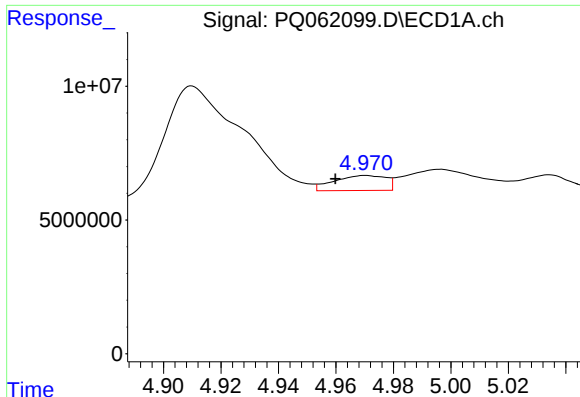
#6 AR-1016-4

R.T.: 4.708 min
Delta R.T.: 0.035 min
Response: 9820498
Conc: 78.35 ng/ml



#6 AR-1016-4

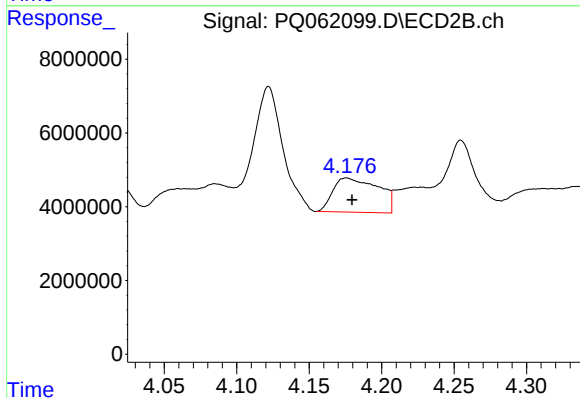
R.T.: 3.961 min
Delta R.T.: -0.025 min
Response: 5011465
Conc: 76.30 ng/ml



#7 AR-1016-5

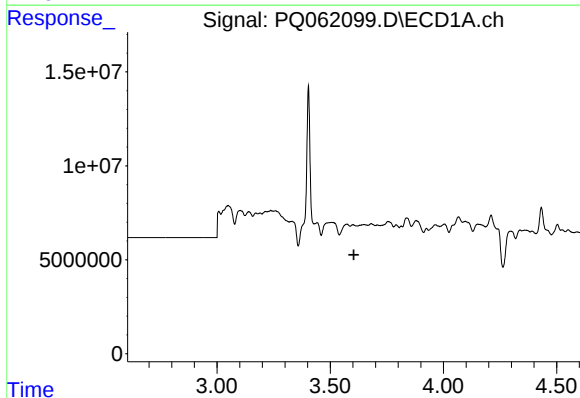
R.T.: 4.970 min
Delta R.T.: 0.010 min
Response: 7042078
Conc: 57.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



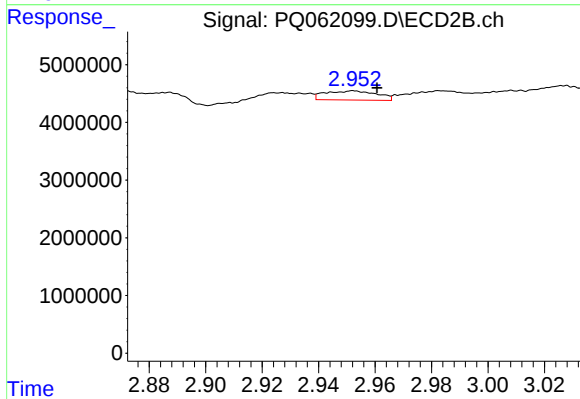
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 20254472
Conc: 247.06 ng/ml



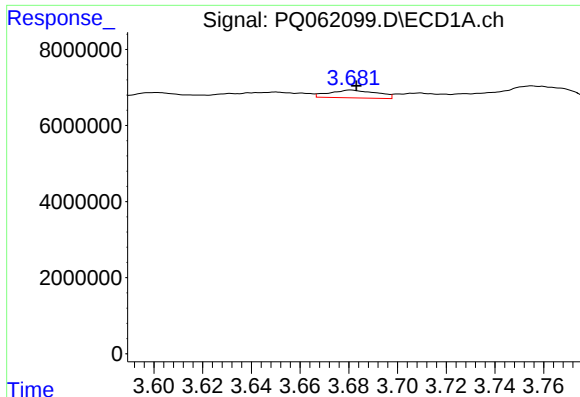
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: -193977
Conc: N.D.



#8 AR-1221-1

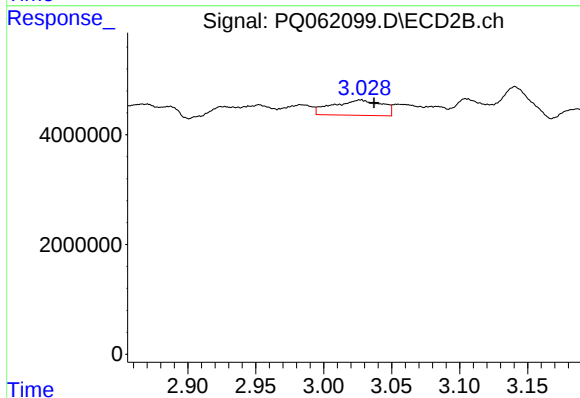
R.T.: 2.952 min
Delta R.T.: -0.008 min
Response: 2011931
Conc: 60.97 ng/ml



#9 AR-1221-2

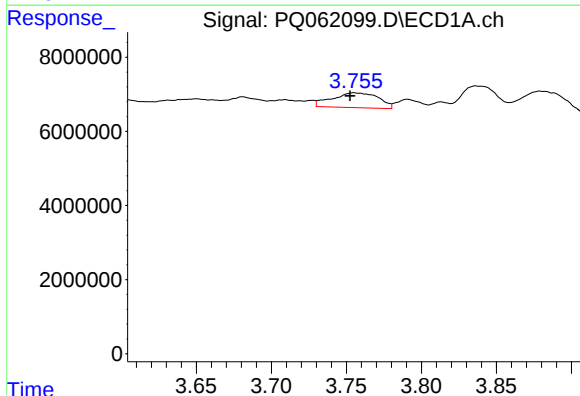
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 2749826
Conc: 61.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



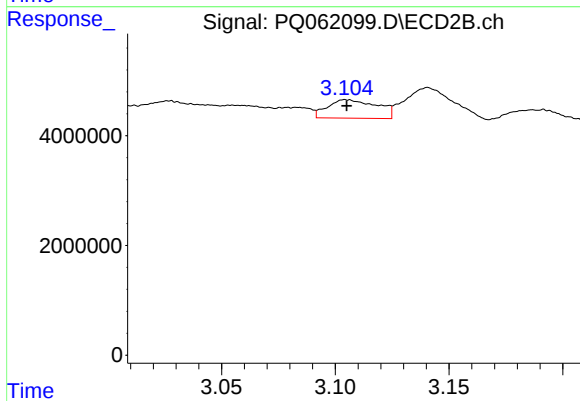
#9 AR-1221-2

R.T.: 3.027 min
Delta R.T.: -0.010 min
Response: 7008192
Conc: 275.91 ng/ml



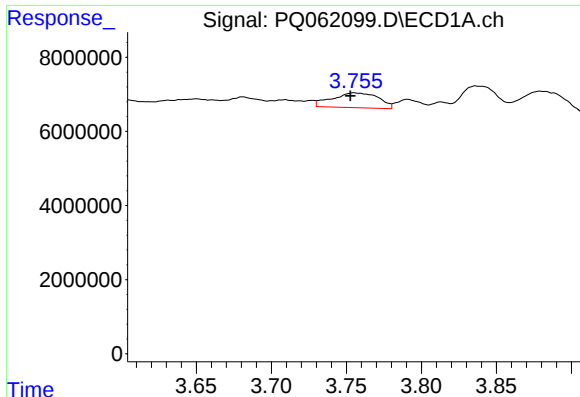
#10 AR-1221-3

R.T.: 3.755 min
Delta R.T.: 0.003 min
Response: 8568837
Conc: 60.98 ng/ml



#10 AR-1221-3

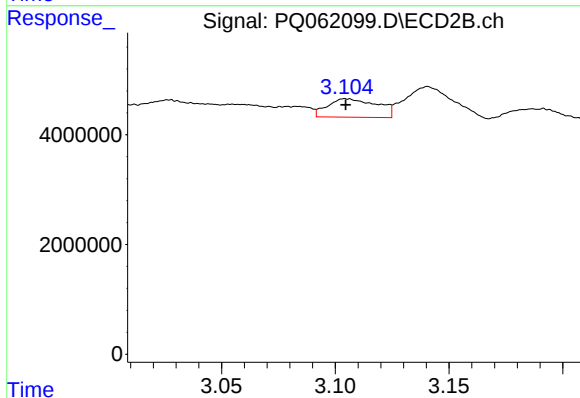
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 5138277
Conc: 66.65 ng/ml



#11 AR-1232-1

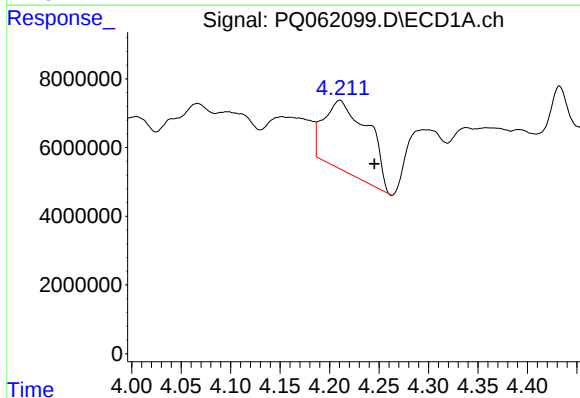
R.T.: 3.755 min
Delta R.T.: 0.003 min
Response: 8568837
Conc: 81.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



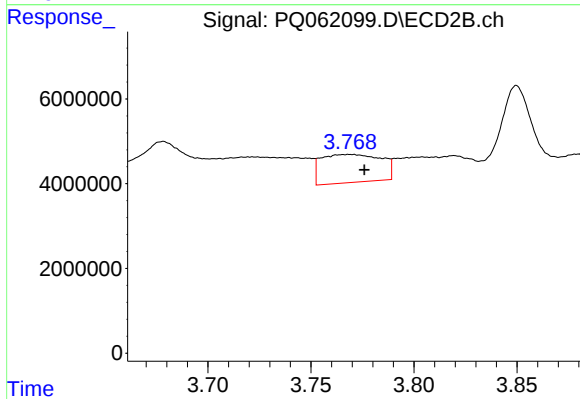
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 5138277
Conc: 89.68 ng/ml



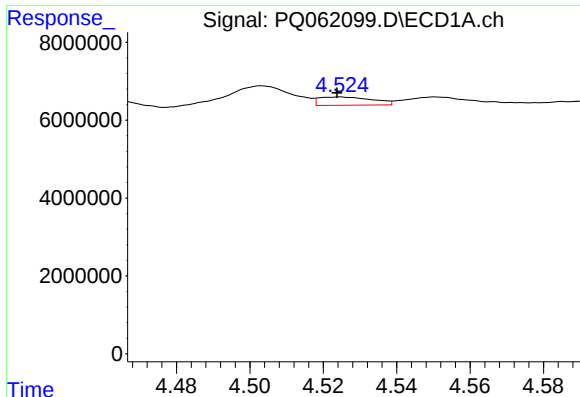
#12 AR-1232-2

R.T.: 4.210 min
Delta R.T.: -0.035 min
Response: 64158317
Conc: 1084.65 ng/ml



#12 AR-1232-2

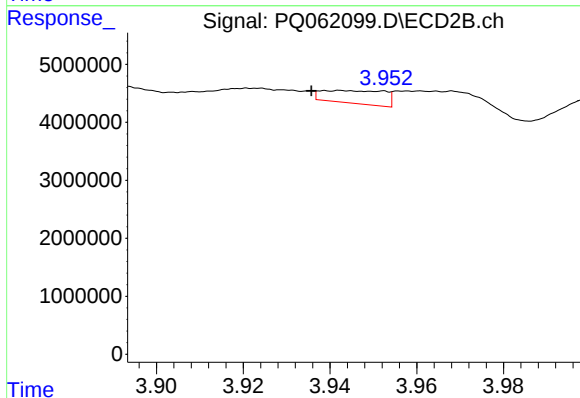
R.T.: 3.769 min
Delta R.T.: -0.007 min
Response: 13456737
Conc: 202.19 ng/ml



#13 AR-1232-3

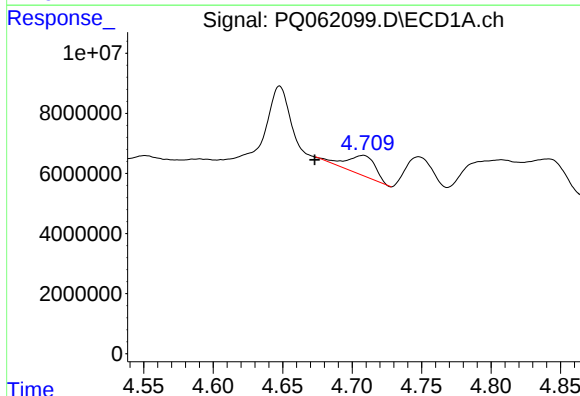
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 2155292
Conc: 19.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



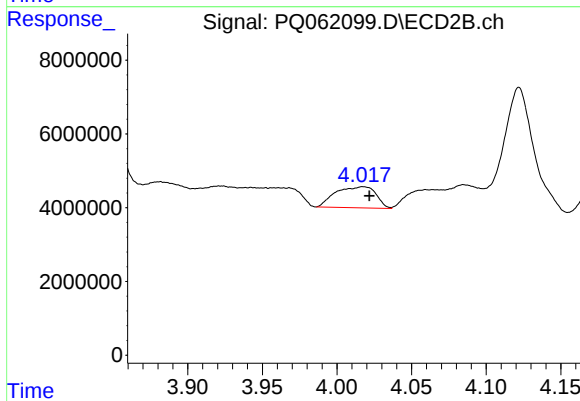
#13 AR-1232-3

R.T.: 3.942 min
Delta R.T.: 0.007 min
Response: 2230461
Conc: 64.55 ng/ml



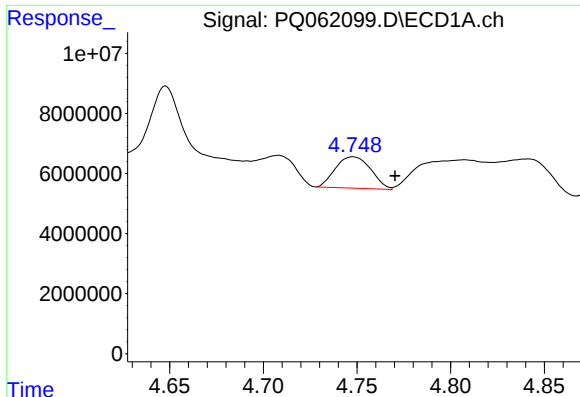
#14 AR-1232-4

R.T.: 4.708 min
Delta R.T.: 0.035 min
Response: 9820498
Conc: 173.30 ng/ml



#14 AR-1232-4

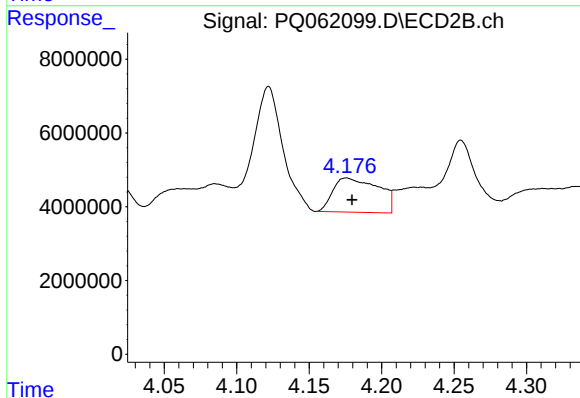
R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 10760758
Conc: 361.83 ng/ml



#15 AR-1232-5

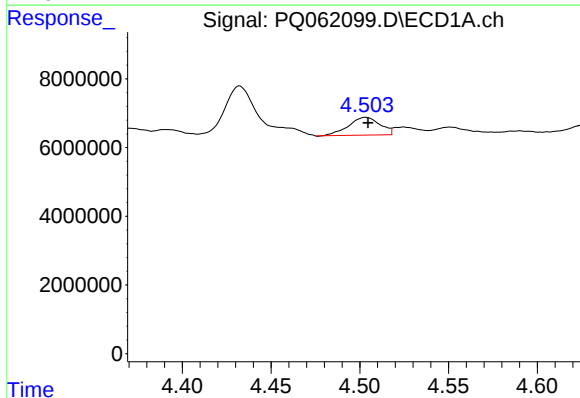
R.T.: 4.748 min
Delta R.T.: -0.022 min
Response: 13767988
Conc: 343.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



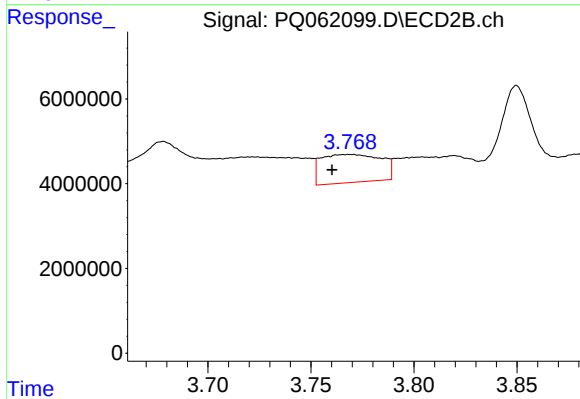
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 20254472
Conc: 567.98 ng/ml



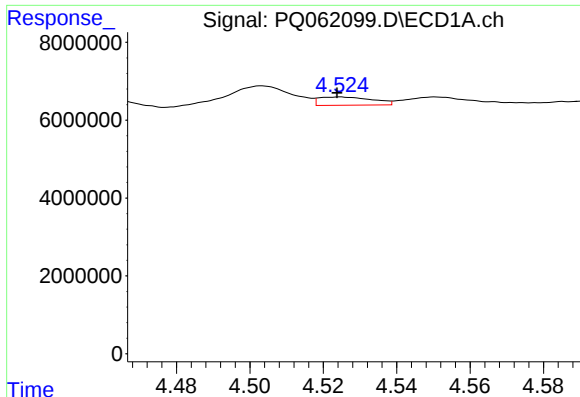
#16 AR-1242-1

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 6397648
Conc: 48.95 ng/ml



#16 AR-1242-1

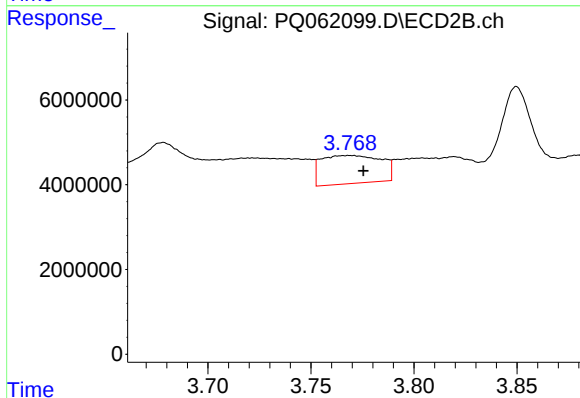
R.T.: 3.769 min
Delta R.T.: 0.008 min
Response: 13456737
Conc: 174.00 ng/ml



#17 AR-1242-2

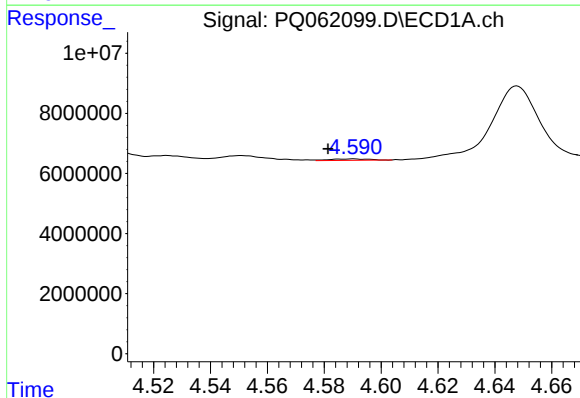
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 2155292
Conc: 11.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



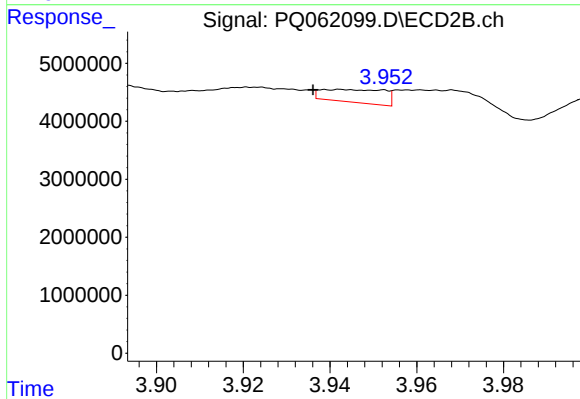
#17 AR-1242-2

R.T.: 3.769 min
Delta R.T.: -0.007 min
Response: 13456737
Conc: 121.06 ng/ml



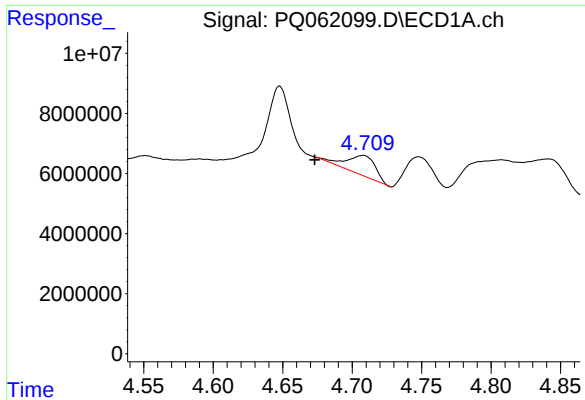
#18 AR-1242-3

R.T.: 4.590 min
Delta R.T.: 0.009 min
Response: 453628
Conc: 3.75 ng/ml



#18 AR-1242-3

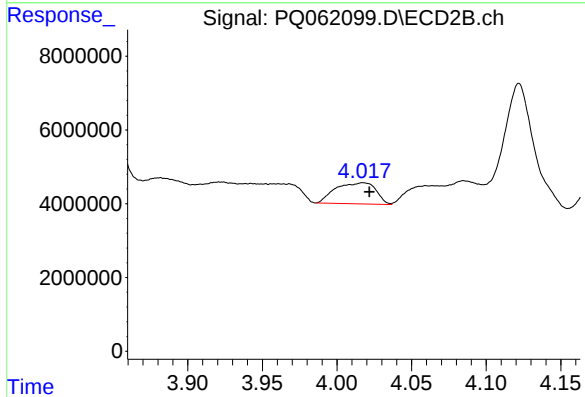
R.T.: 3.942 min
Delta R.T.: 0.006 min
Response: 2230461
Conc: 38.08 ng/ml



#19 AR-1242-4

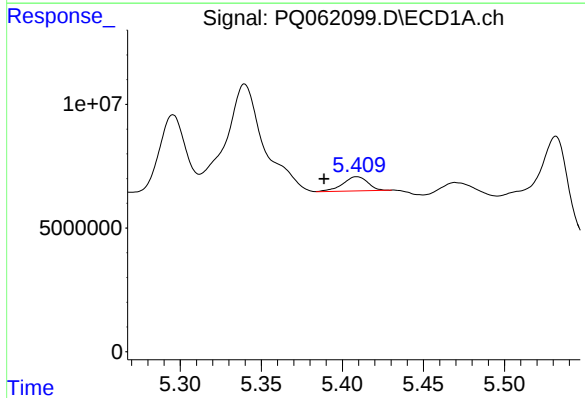
R.T.: 4.708 min
Delta R.T.: 0.035 min
Response: 9820498
Conc: 100.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



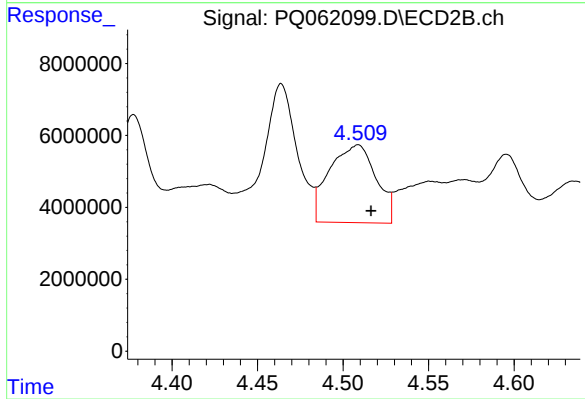
#19 AR-1242-4

R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 10760758
Conc: 183.54 ng/ml



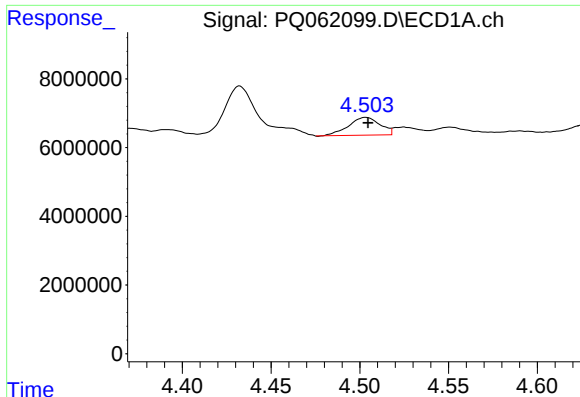
#20 AR-1242-5

R.T.: 5.409 min
Delta R.T.: 0.020 min
Response: 6368827
Conc: 66.53 ng/ml



#20 AR-1242-5

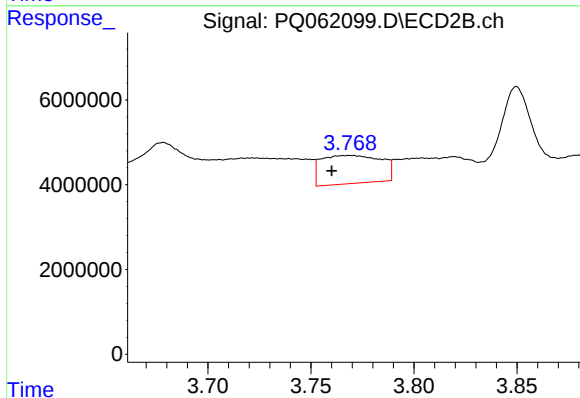
R.T.: 4.509 min
Delta R.T.: -0.007 min
Response: 41040269
Conc: 495.10 ng/ml



#21 AR-1248-1

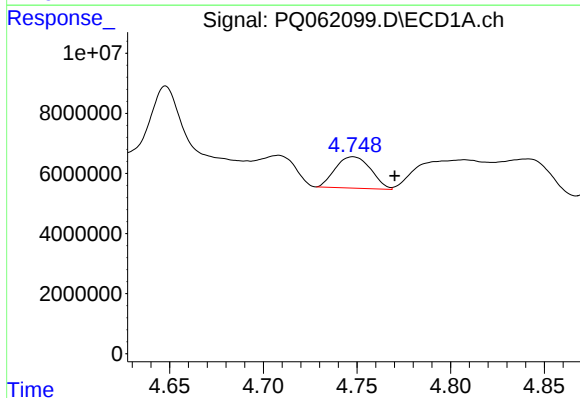
R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 6397648
Conc: 61.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



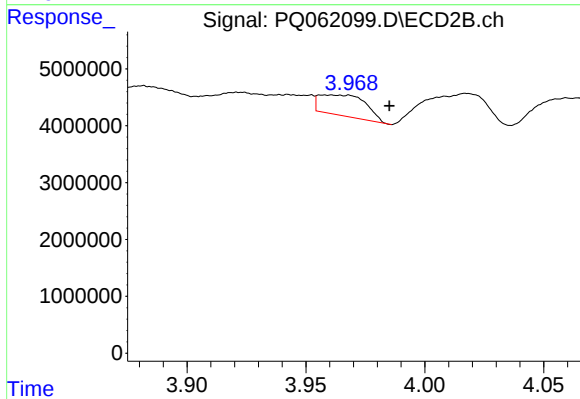
#21 AR-1248-1

R.T.: 3.769 min
Delta R.T.: 0.009 min
Response: 13456737
Conc: 215.24 ng/ml



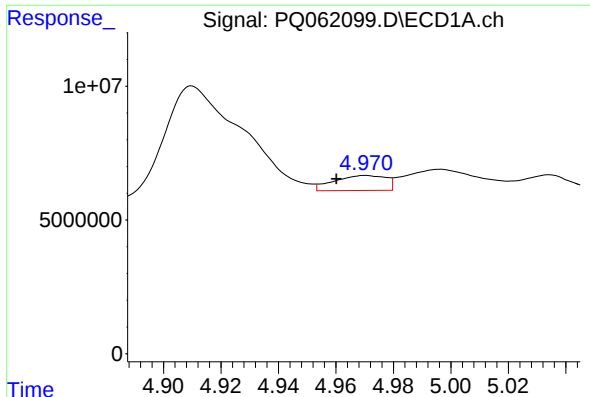
#22 AR-1248-2

R.T.: 4.748 min
Delta R.T.: -0.022 min
Response: 13767988
Conc: 95.84 ng/ml



#22 AR-1248-2

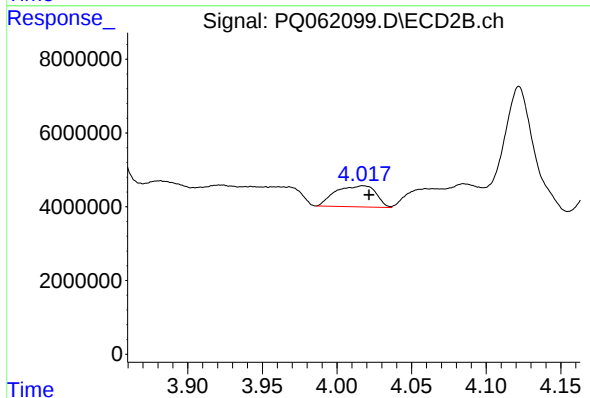
R.T.: 3.961 min
Delta R.T.: -0.024 min
Response: 5011465
Conc: 53.44 ng/ml



#23 AR-1248-3

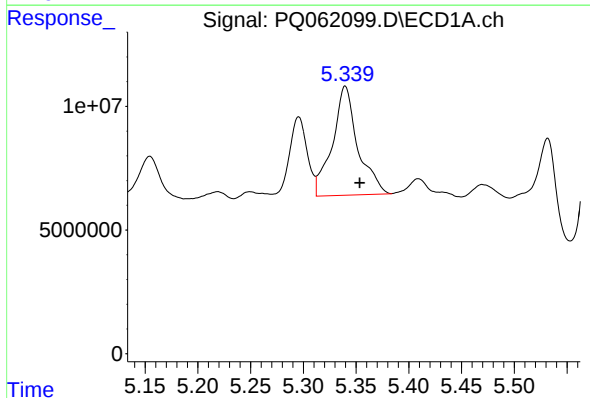
R.T.: 4.970 min
Delta R.T.: 0.010 min
Response: 7042078
Conc: 40.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



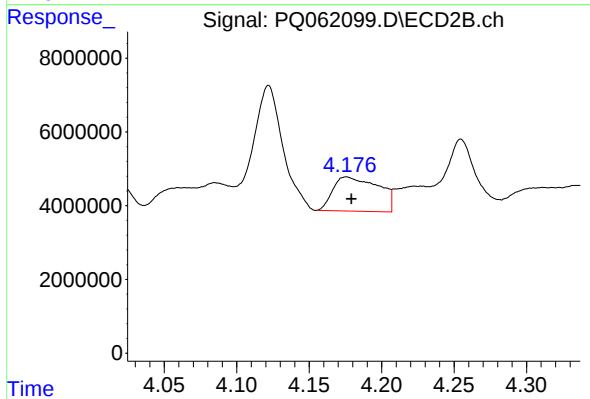
#23 AR-1248-3

R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 10760758
Conc: 118.85 ng/ml



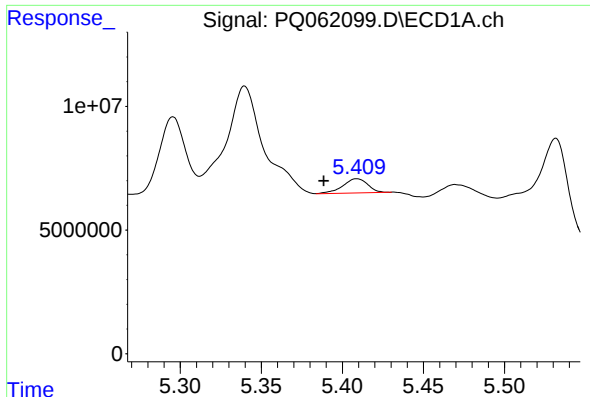
#24 AR-1248-4

R.T.: 5.340 min
Delta R.T.: -0.014 min
Response: 73946840
Conc: 385.28 ng/ml



#24 AR-1248-4

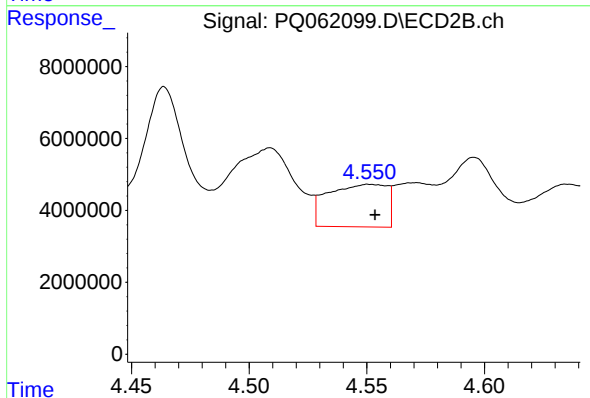
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 20254472
Conc: 179.50 ng/ml



#25 AR-1248-5

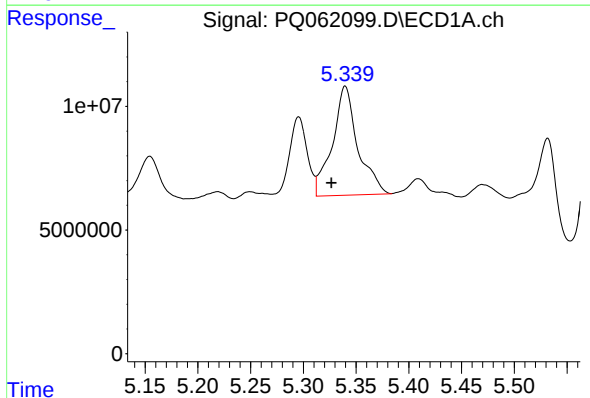
R.T.: 5.409 min
Delta R.T.: 0.021 min
Response: 6368827
Conc: 35.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



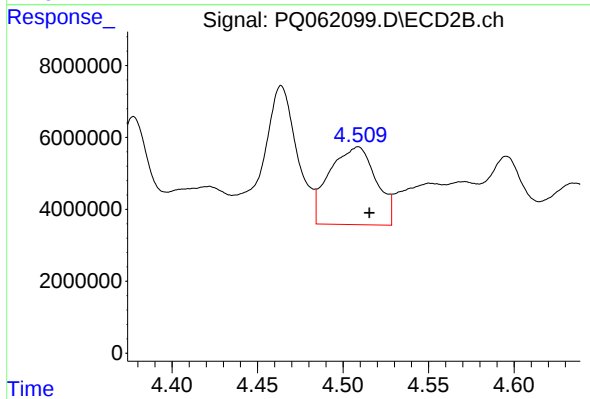
#25 AR-1248-5

R.T.: 4.550 min
Delta R.T.: -0.003 min
Response: 20602267
Conc: 183.90 ng/ml



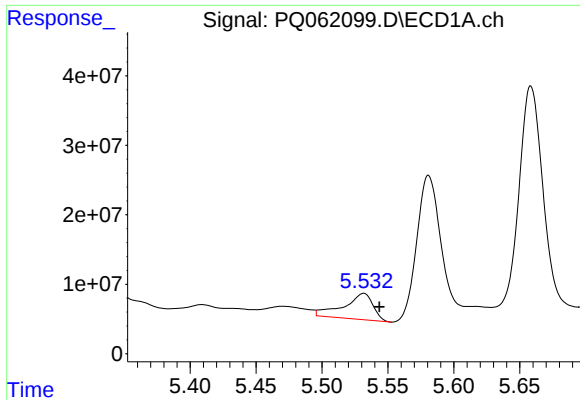
#26 AR-1254-1

R.T.: 5.340 min
Delta R.T.: 0.013 min
Response: 73946840
Conc: 397.95 ng/ml



#26 AR-1254-1

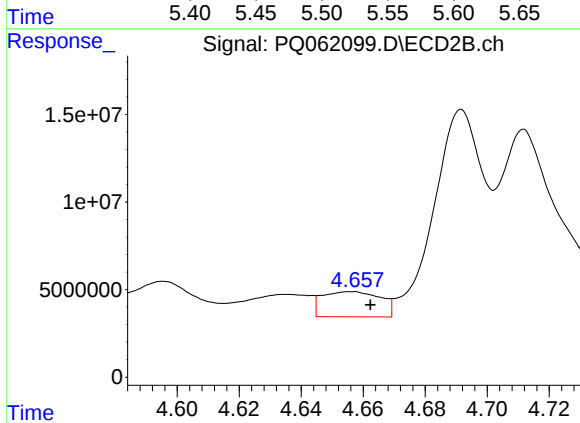
R.T.: 4.509 min
Delta R.T.: -0.007 min
Response: 41040269
Conc: 254.18 ng/ml



#27 AR-1254-2

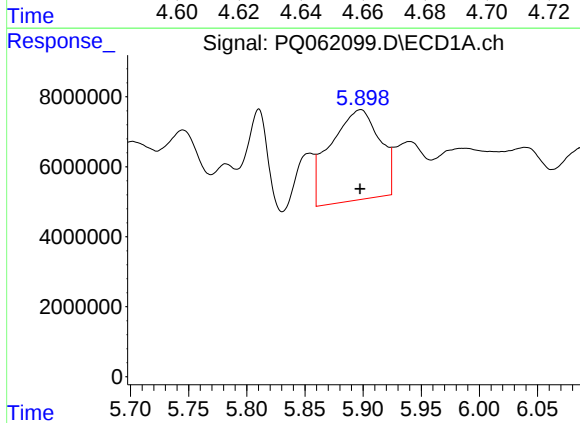
R.T.: 5.532 min
Delta R.T.: -0.012 min
Response: 58016072
Conc: 199.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



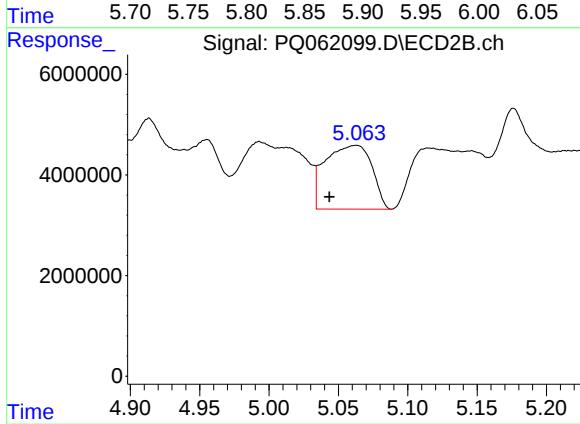
#27 AR-1254-2

R.T.: 4.657 min
Delta R.T.: -0.005 min
Response: 18710205
Conc: 127.09 ng/ml



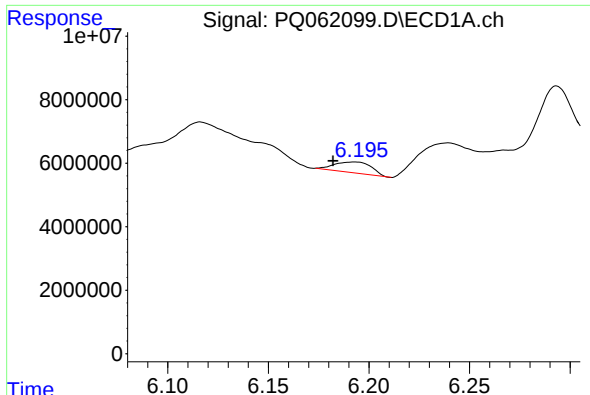
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 76042234
Conc: 247.58 ng/ml



#28 AR-1254-3

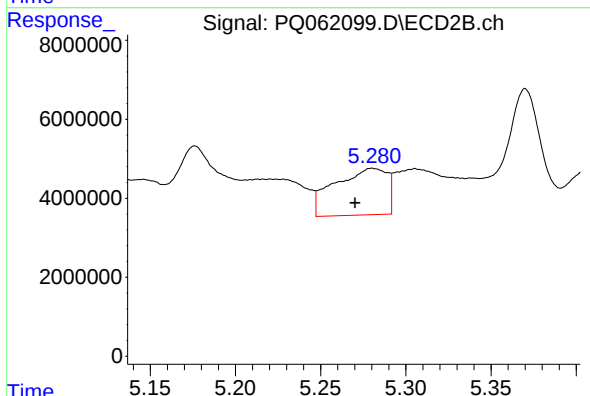
R.T.: 5.063 min
Delta R.T.: 0.019 min
Response: 29650777
Conc: 126.87 ng/ml



#29 AR-1254-4

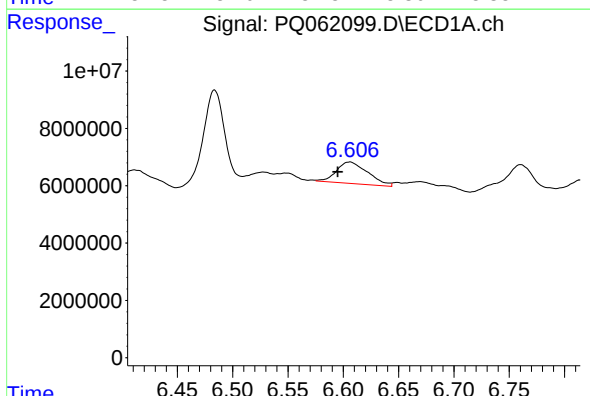
R.T.: 6.193 min
Delta R.T.: 0.011 min
Response: 4355845
Conc: 18.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



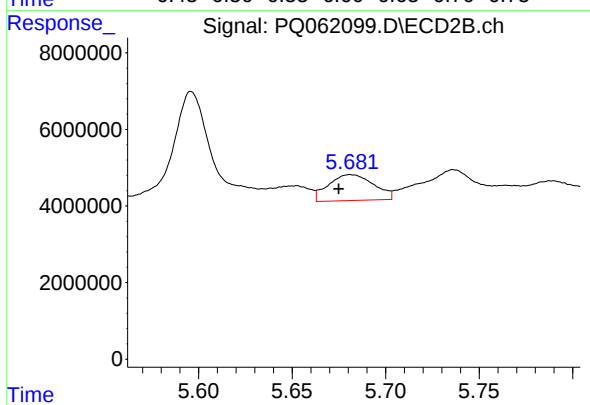
#29 AR-1254-4

R.T.: 5.280 min
Delta R.T.: 0.010 min
Response: 25247990
Conc: 165.65 ng/ml



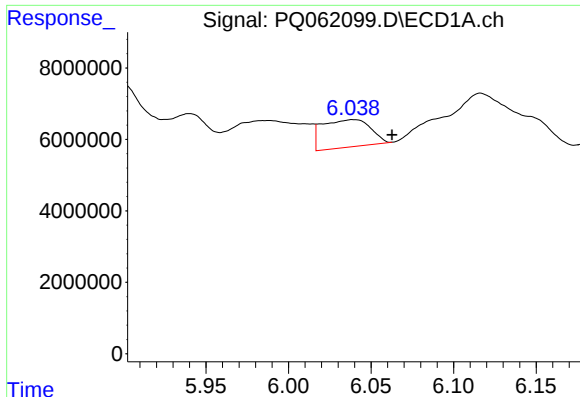
#30 AR-1254-5

R.T.: 6.606 min
Delta R.T.: 0.011 min
Response: 14810574
Conc: 57.66 ng/ml



#30 AR-1254-5

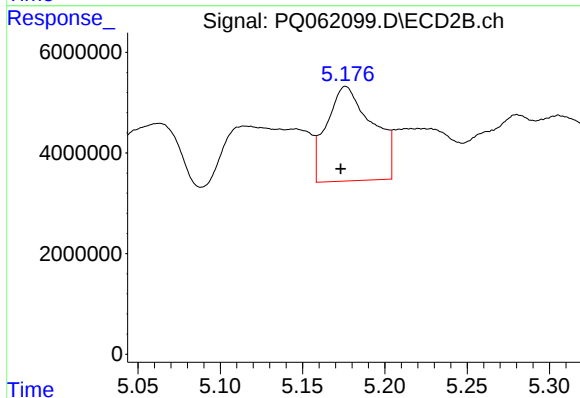
R.T.: 5.681 min
Delta R.T.: 0.006 min
Response: 11409123
Conc: 49.43 ng/ml



#31 AR-1260-1

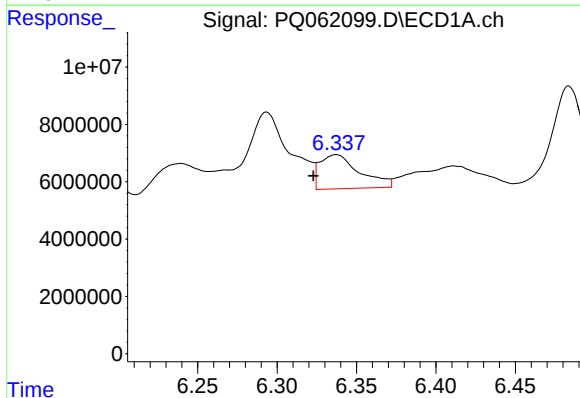
R.T.: 6.039 min
Delta R.T.: -0.023 min
Response: 15665037
Conc: 66.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



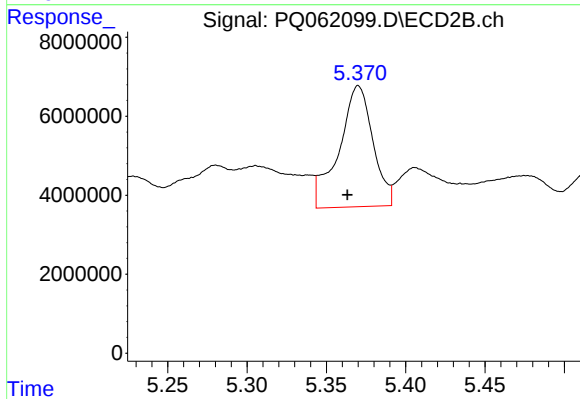
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.003 min
Response: 36491454
Conc: 219.10 ng/ml



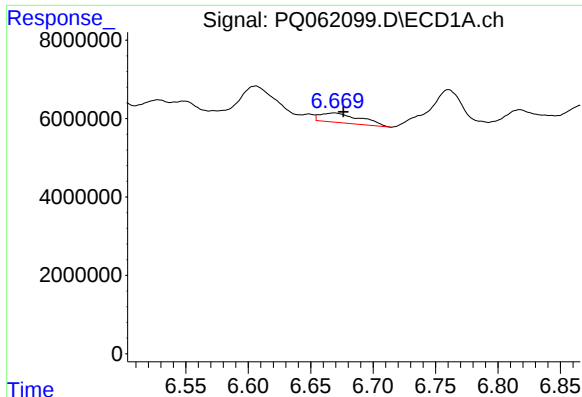
#32 AR-1260-2

R.T.: 6.337 min
Delta R.T.: 0.014 min
Response: 20640723
Conc: 71.47 ng/ml



#32 AR-1260-2

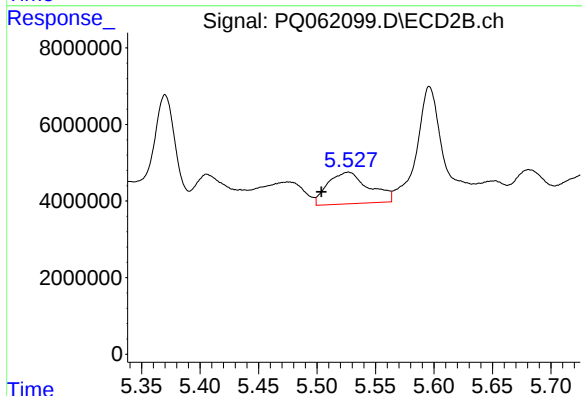
R.T.: 5.370 min
Delta R.T.: 0.007 min
Response: 45735401
Conc: 219.94 ng/ml



#33 AR-1260-3

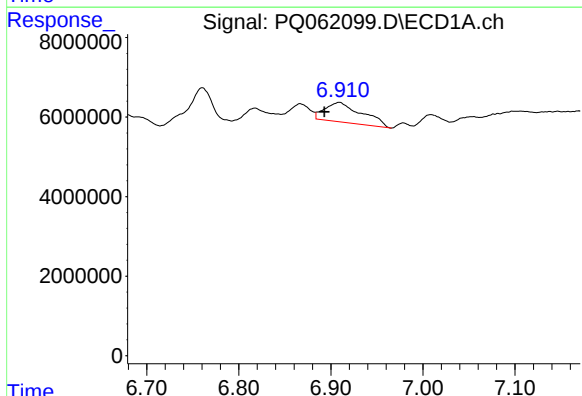
R.T.: 6.669 min
Delta R.T.: -0.007 min
Response: 5439859
Conc: 30.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



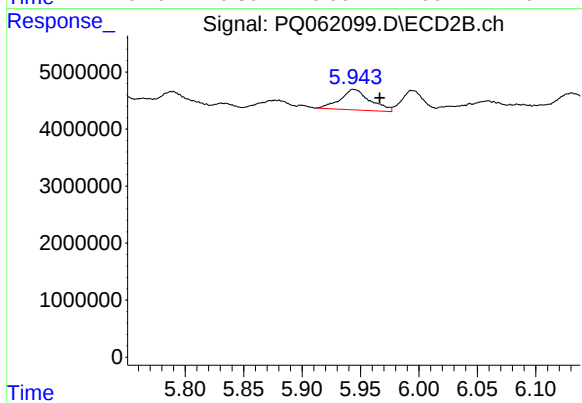
#33 AR-1260-3

R.T.: 5.527 min
Delta R.T.: 0.023 min
Response: 20257132
Conc: 104.12 ng/ml



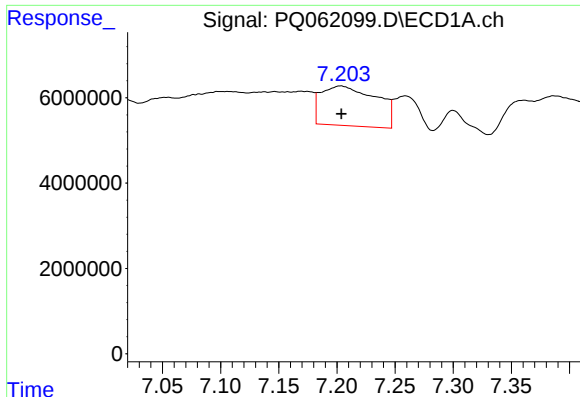
#34 AR-1260-4

R.T.: 6.909 min
Delta R.T.: 0.016 min
Response: 13850494
Conc: 65.75 ng/ml



#34 AR-1260-4

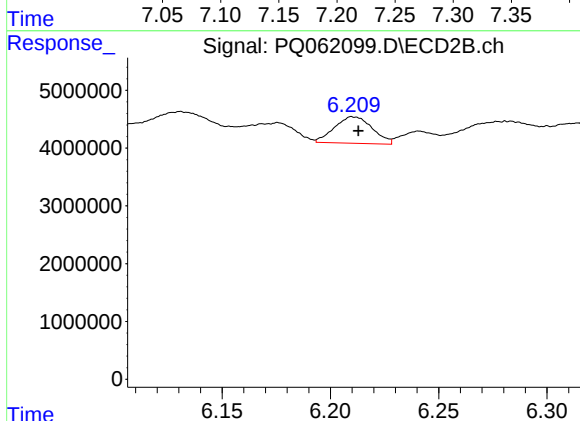
R.T.: 5.944 min
Delta R.T.: -0.022 min
Response: 6357113
Conc: 43.58 ng/ml



#35 AR-1260-5

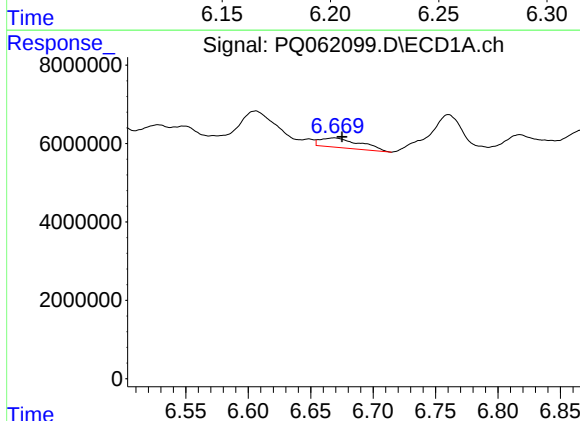
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 30698199
Conc: 74.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



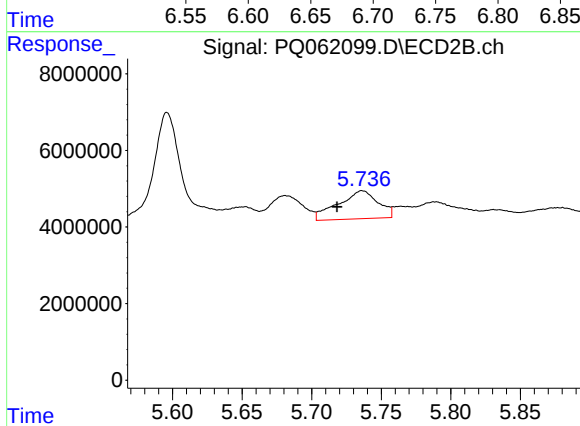
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 5600952
Conc: 16.87 ng/ml



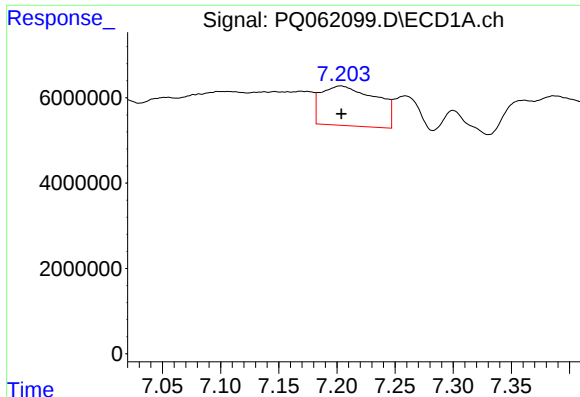
#36 AR-1262-1

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 5439859
Conc: 17.84 ng/ml



#36 AR-1262-1

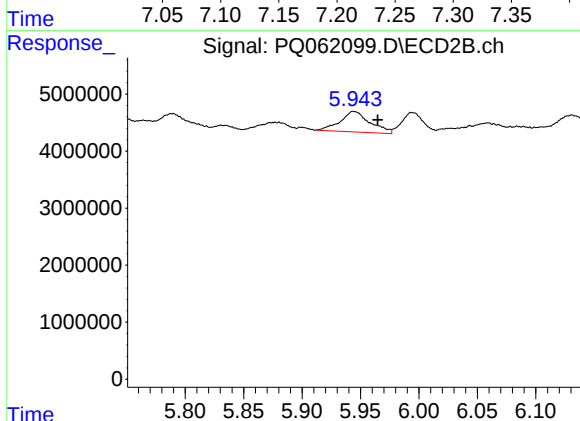
R.T.: 5.736 min
Delta R.T.: 0.018 min
Response: 14585943
Conc: 62.74 ng/ml



#37 AR-1262-2

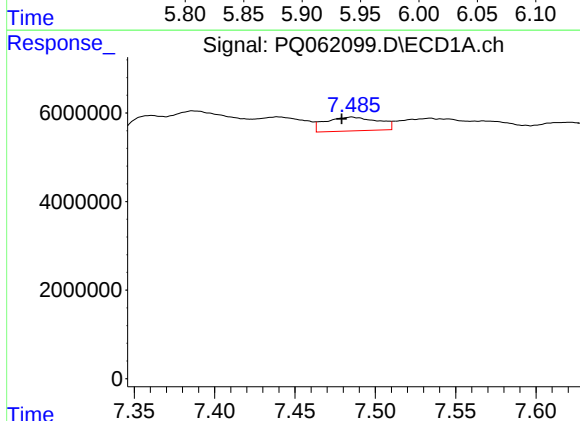
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 30698199
Conc: 58.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



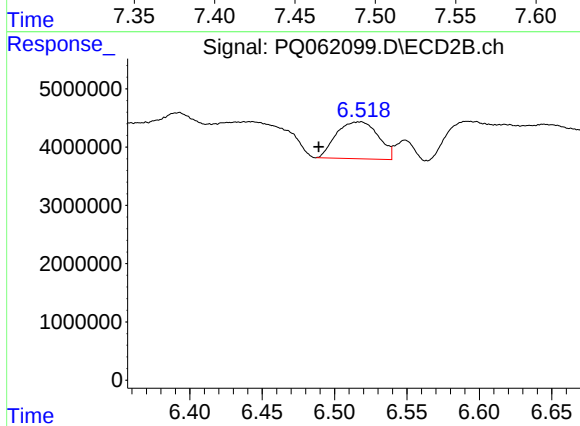
#37 AR-1262-2

R.T.: 5.944 min
Delta R.T.: -0.020 min
Response: 6357113
Conc: 29.40 ng/ml



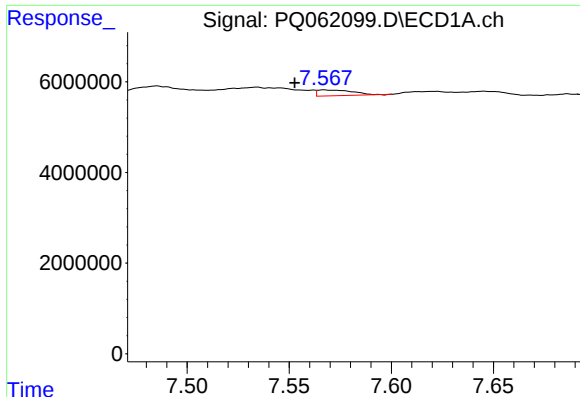
#38 AR-1262-3

R.T.: 7.485 min
Delta R.T.: 0.006 min
Response: 7078445
Conc: 20.09 ng/ml



#38 AR-1262-3

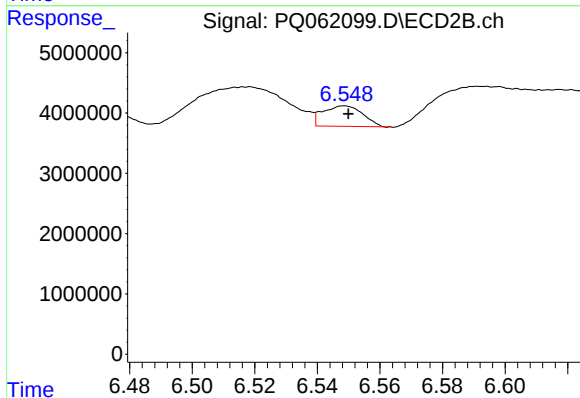
R.T.: 6.518 min
Delta R.T.: 0.029 min
Response: 12746741
Conc: 73.12 ng/ml



#39 AR-1262-4

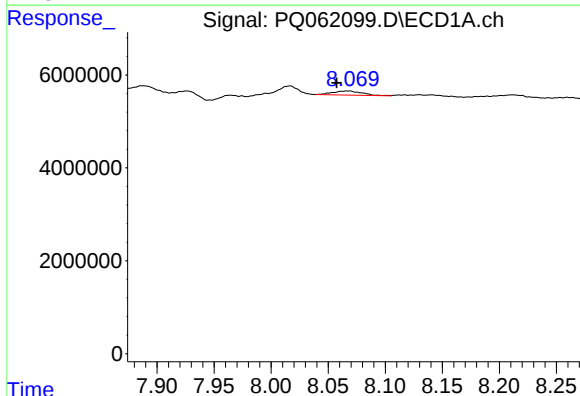
R.T.: 7.567 min
Delta R.T.: 0.014 min
Response: 1621550
Conc: 6.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



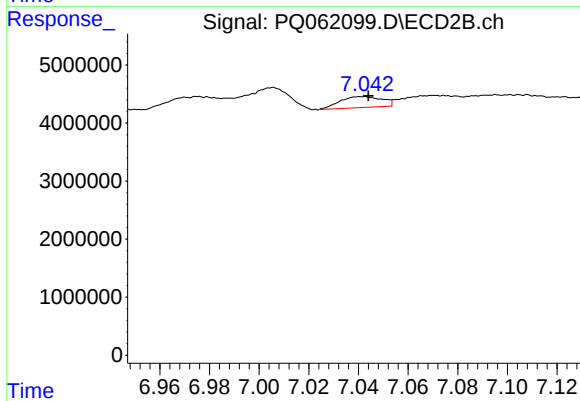
#39 AR-1262-4

R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 3009272
Conc: 9.34 ng/ml



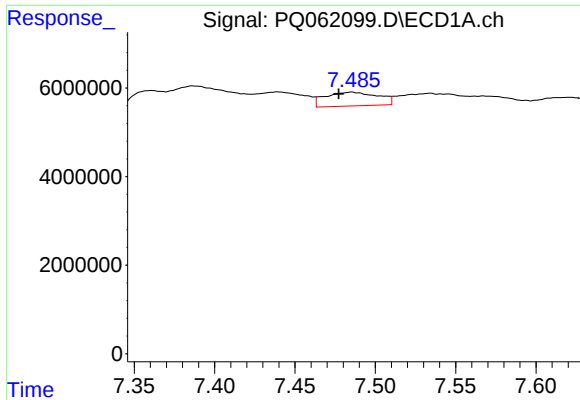
#40 AR-1262-5

R.T.: 8.066 min
Delta R.T.: 0.009 min
Response: 1559544
Conc: 8.79 ng/ml



#40 AR-1262-5

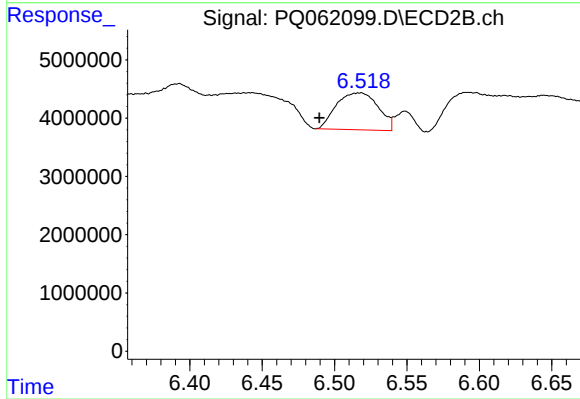
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 2210690
Conc: 14.25 ng/ml



#41 AR-1268-1

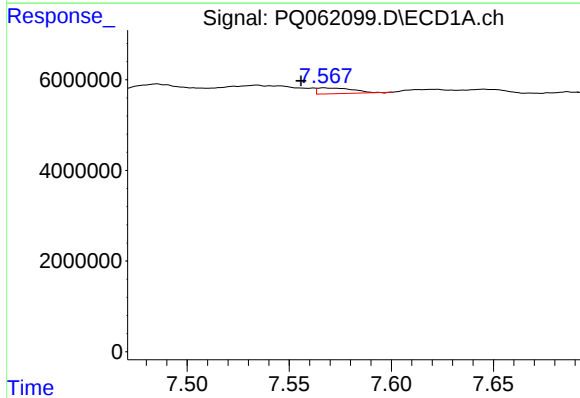
R.T.: 7.485 min
Delta R.T.: 0.008 min
Response: 7078445
Conc: 12.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



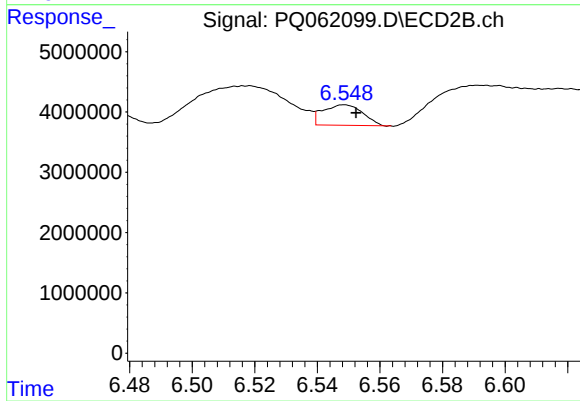
#41 AR-1268-1

R.T.: 6.518 min
Delta R.T.: 0.028 min
Response: 12746741
Conc: 27.09 ng/ml



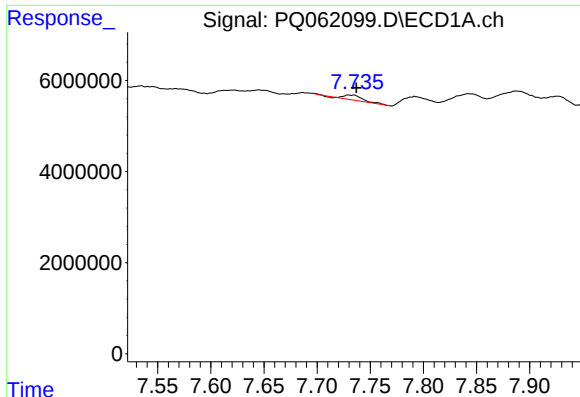
#42 AR-1268-2

R.T.: 7.567 min
Delta R.T.: 0.011 min
Response: 1621550
Conc: 3.18 ng/ml



#42 AR-1268-2

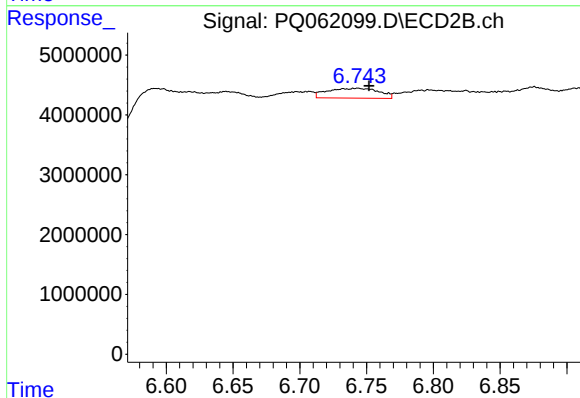
R.T.: 6.549 min
Delta R.T.: -0.004 min
Response: 3009272
Conc: 7.10 ng/ml



#43 AR-1268-3

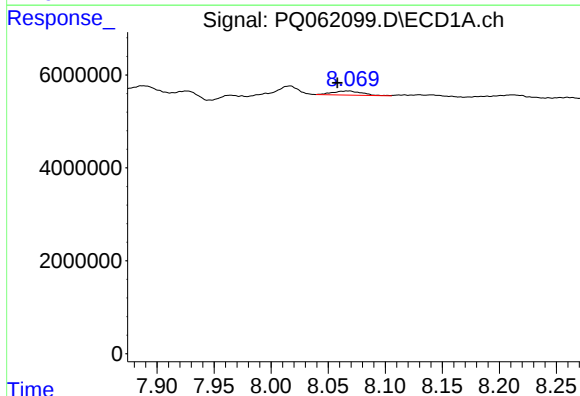
R.T.: 7.730 min
Delta R.T.: -0.007 min
Response: 1375942
Conc: 3.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



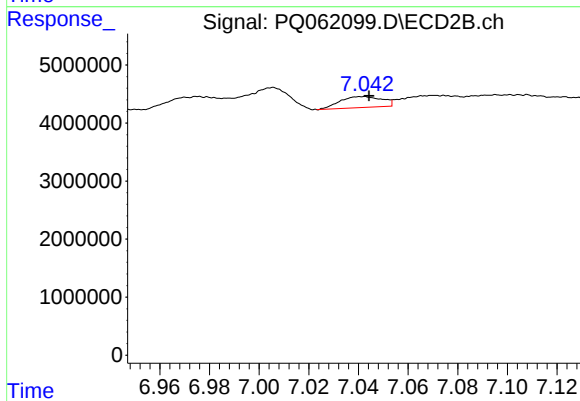
#43 AR-1268-3

R.T.: 6.743 min
Delta R.T.: -0.009 min
Response: 4402988
Conc: 11.95 ng/ml



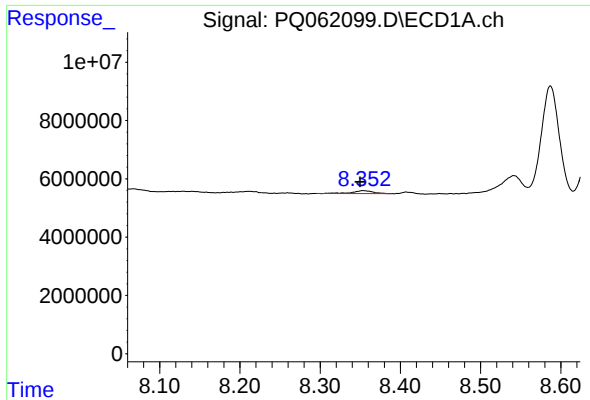
#44 AR-1268-4

R.T.: 8.066 min
Delta R.T.: 0.008 min
Response: 1559544
Conc: 8.52 ng/ml



#44 AR-1268-4

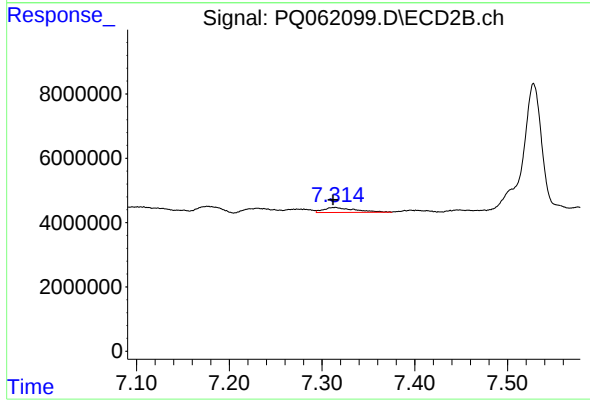
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 2210690
Conc: 13.82 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: 0.004 min
Response: 1711261
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: 0.002 min
Response: 3619635
Conc: 3.10 ng/ml