

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2023 15:00
 Operator : YP\AJ
 Sample : 03633-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:23:00 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	2.759	53065526	41429739	10.878	16.512 #
2)	SA Decachlor...	8.589	7.529	36032273	36316457	9.919	10.899
Target Compounds							
3)	L1 AR-1016-1	4.534f	3.771	2846693	4704105	17.282	47.528 #
4)	L1 AR-1016-2	4.534	3.771	2846693	4704105	11.513	32.622 #
5)	L1 AR-1016-3	4.580	3.922	8226749	737414	53.979	9.774 #
6)	L1 AR-1016-4	4.662	3.994	3539315	5152479	28.237	78.449 #
7)	L1 AR-1016-5	4.962	4.175	14466090	8350350	118.850	101.856
8)	L2 AR-1221-1	3.602	2.985	-1180632	13292471	N.D.	402.845 #
9)	L2 AR-1221-2	3.686	3.047	7079503	8218811	157.558	323.574 #
10)	L2 AR-1221-3	3.743	3.101	11823449	988177	84.142	12.818 #
11)	L3 AR-1232-1	3.743	3.101	11823449	988177	111.963	17.246 #
12)	L3 AR-1232-2	4.258	3.771	4184363	4704105	70.740	70.680
13)	L3 AR-1232-3	4.534	3.922	2846693	737414	25.174	21.340
14)	L3 AR-1232-4	4.684	4.019	1142130	8145509	20.155	273.892 #
15)	L3 AR-1232-5	4.784	4.175	1746820	8350350	43.616	234.160 #
16)	L4 AR-1242-1	4.534f	3.771	2846693	4704105	21.780	60.824 #
17)	L4 AR-1242-2	4.534	3.771	2846693	4704105	14.663	42.319 #
18)	L4 AR-1242-3	4.580	3.922	8226749	737414	68.077	12.589 #
19)	L4 AR-1242-4	4.684	4.019	1142130	8145509	11.716	138.935 #
20)	L4 AR-1242-5	5.391	4.548f	8858766	11522146	92.539	139.001 #
21)	L5 AR-1248-1	4.534f	3.771	2846693	4704105	27.378	75.241 #
22)	L5 AR-1248-2	4.784	3.994	1746820	5152479	12.159	54.949 #
23)	L5 AR-1248-3	4.962	4.019	14466090	8145509	83.276	89.962
24)	L5 AR-1248-4	5.391f	4.175	8858766	8350350	46.156	74.002 #
25)	L5 AR-1248-5	5.391	4.548	8858766	11522146	48.910	102.846 #
26)	L6 AR-1254-1	5.302	4.548f	31681514	11522146	170.494	71.361 #
27)	L6 AR-1254-2	5.544	4.653	7675188	5861416	26.401	39.813 #
28)	L6 AR-1254-3	5.915	5.030	20703276	7411128	67.407	31.712 #
29)	L6 AR-1254-4	6.167	5.266	17471102	17704146	75.244	116.158 #
30)	L6 AR-1254-5	6.600	5.689	21784511	4952782	84.807	21.460 #
31)	L7 AR-1260-1	6.067	5.177	1997445	11572448	8.466	69.482 #
32)	L7 AR-1260-2	6.313	5.371	49183368	16715154	170.295	80.382 #
33)	L7 AR-1260-3	6.683	5.499	16703729	6350876	94.598	32.642 #
34)	L7 AR-1260-4	6.892	5.965	10291761	3650249	48.857	25.025 #
35)	L7 AR-1260-5	7.208	6.210	6397015	9634154	15.579	29.013 #
36)	L8 AR-1262-1	6.683	5.721	16703729	12907562	54.777	55.523
37)	L8 AR-1262-2	7.208	5.965	6397015	3650249	12.145	16.883 #
38)	L8 AR-1262-3	7.490	6.498	1218168	10199795	3.458	58.509 #
39)	L8 AR-1262-4	7.560	6.546	8696644	4057833	32.606	12.590 #
40)	L8 AR-1262-5	8.061	7.045	7503373	3590648	42.270	23.148 #
41)	L9 AR-1268-1	7.490	6.498	1218168	10199795	2.147	21.677 #

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 Operator : YP\AJ
 Sample : 03633-02
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 ALS Vial : 13 Sample Multiplier: 1

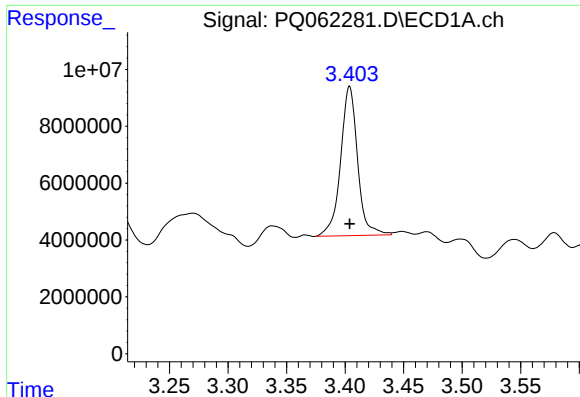
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:23:00 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	7.560	6.546	8696644	4057833	17.057	9.577 #
43) L9	AR-1268-3	7.737	6.752	3673557	8816136	8.608	23.936 #
44) L9	AR-1268-4	8.061	7.045	7503373	3590648	41.005	22.450 #
45) L9	AR-1268-5	8.353	7.315	2355996	5347184	1.869	4.582 #

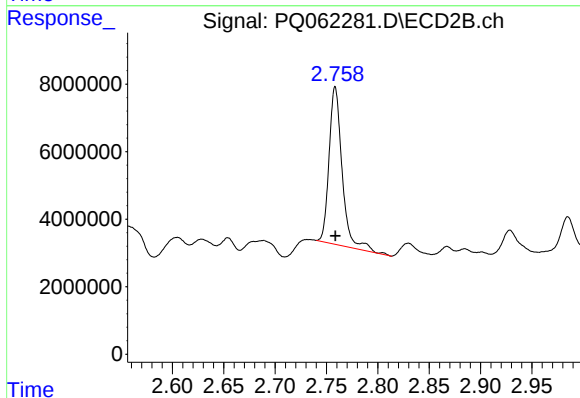
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

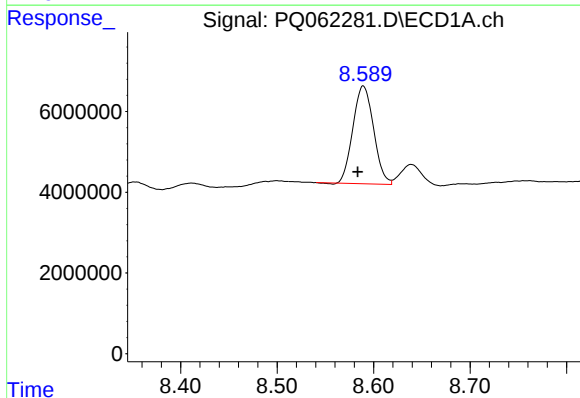
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 53065526
Conc: 10.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



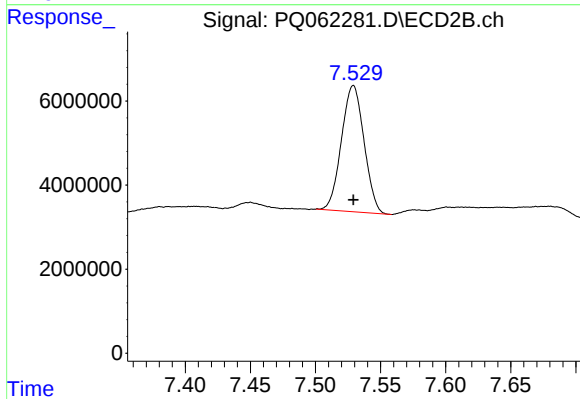
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 41429739
Conc: 16.51 ng/ml



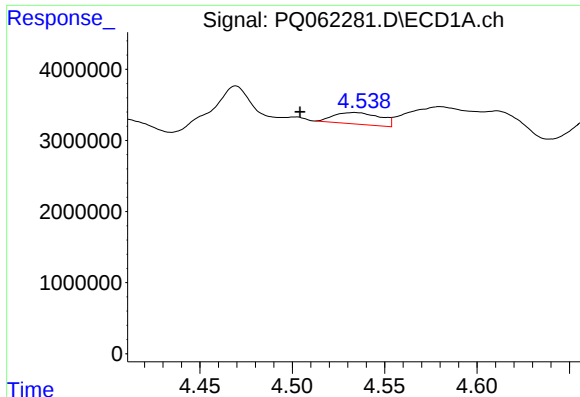
#2 Decachlorobiphenyl

R.T.: 8.589 min
Delta R.T.: 0.006 min
Response: 36032273
Conc: 9.92 ng/ml



#2 Decachlorobiphenyl

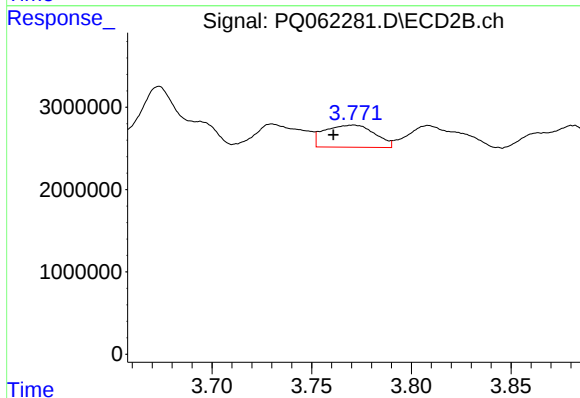
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 36316457
Conc: 10.90 ng/ml



#3 AR-1016-1

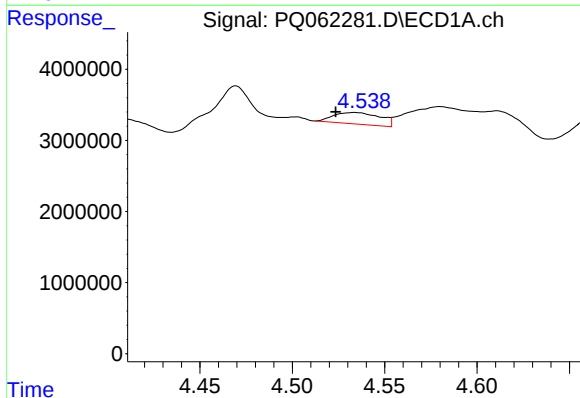
R.T.: 4.534 min
Delta R.T.: 0.030 min
Response: 2846693
Conc: 17.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



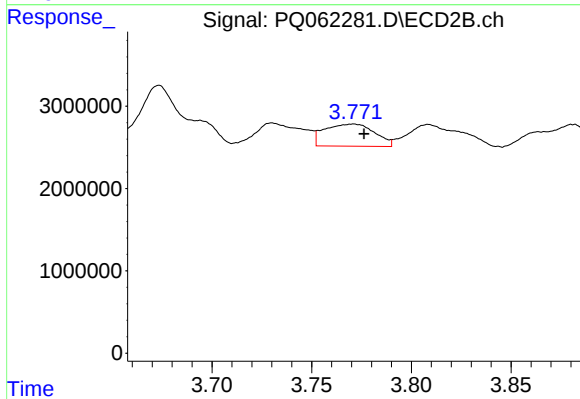
#3 AR-1016-1

R.T.: 3.771 min
Delta R.T.: 0.010 min
Response: 4704105
Conc: 47.53 ng/ml



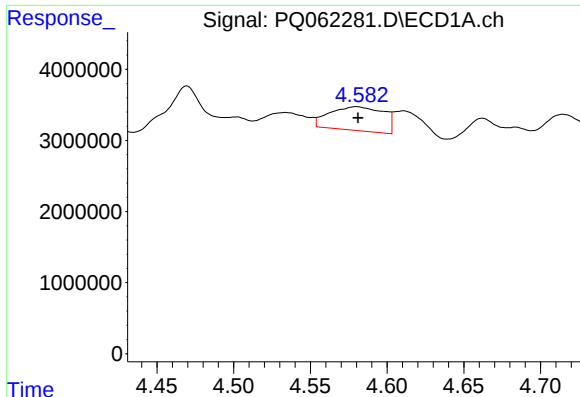
#4 AR-1016-2

R.T.: 4.534 min
Delta R.T.: 0.010 min
Response: 2846693
Conc: 11.51 ng/ml



#4 AR-1016-2

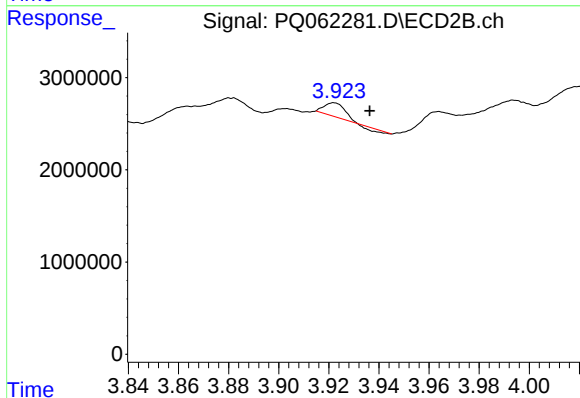
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 4704105
Conc: 32.62 ng/ml



#5 AR-1016-3

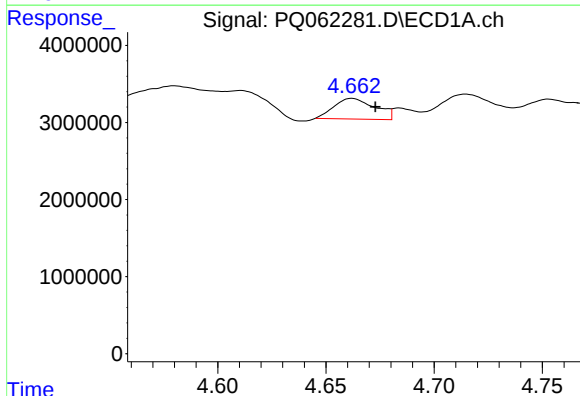
R.T.: 4.580 min
Delta R.T.: -0.001 min
Response: 8226749
Conc: 53.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



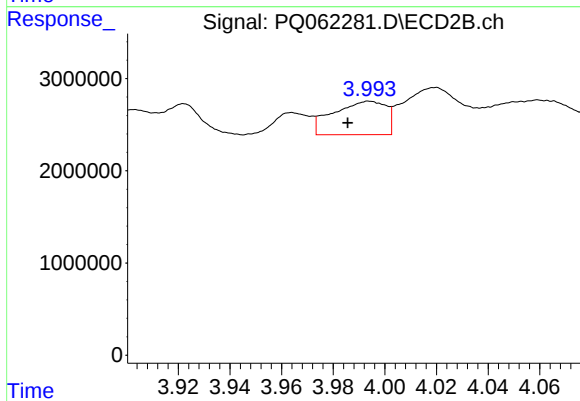
#5 AR-1016-3

R.T.: 3.922 min
Delta R.T.: -0.014 min
Response: 737414
Conc: 9.77 ng/ml



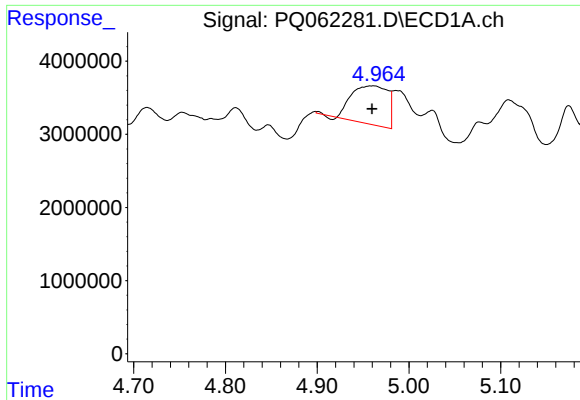
#6 AR-1016-4

R.T.: 4.662 min
Delta R.T.: -0.011 min
Response: 3539315
Conc: 28.24 ng/ml



#6 AR-1016-4

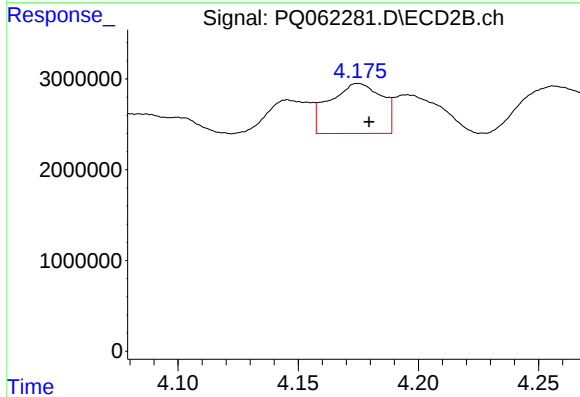
R.T.: 3.994 min
Delta R.T.: 0.008 min
Response: 5152479
Conc: 78.45 ng/ml



#7 AR-1016-5

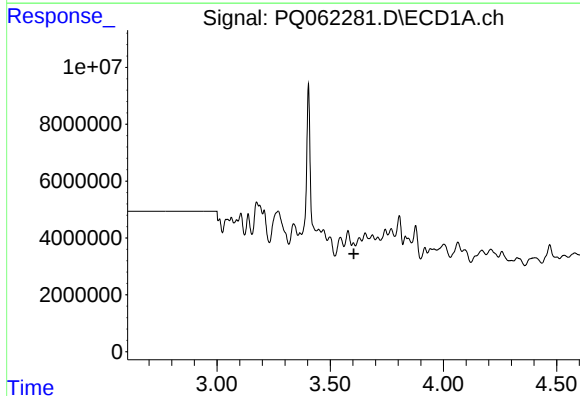
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 14466090
Conc: 118.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



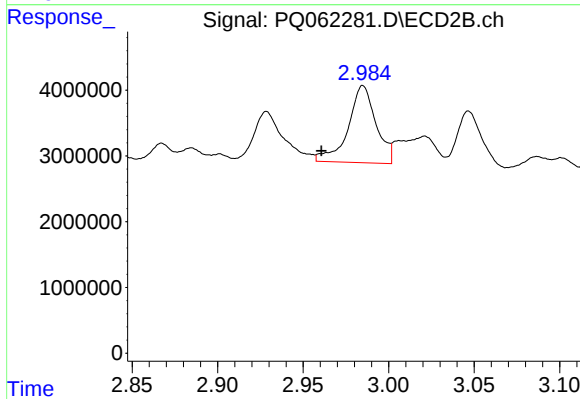
#7 AR-1016-5

R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 8350350
Conc: 101.86 ng/ml



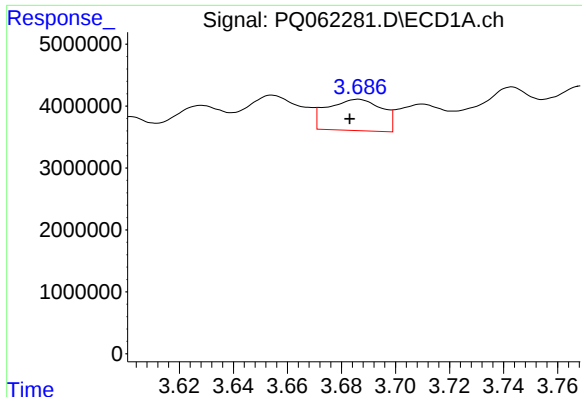
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: -1180632
Conc: N.D.



#8 AR-1221-1

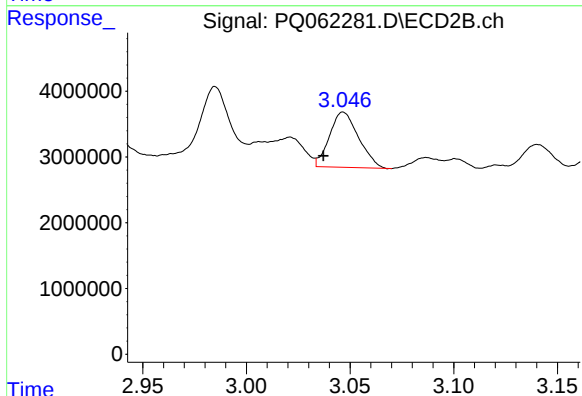
R.T.: 2.985 min
Delta R.T.: 0.024 min
Response: 13292471
Conc: 402.84 ng/ml



#9 AR-1221-2

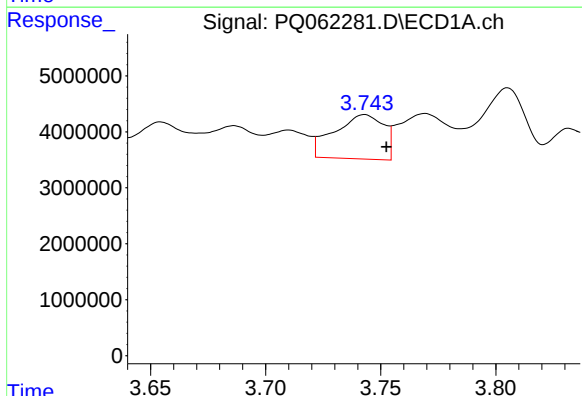
R.T.: 3.686 min
Delta R.T.: 0.003 min
Response: 7079503
Conc: 157.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



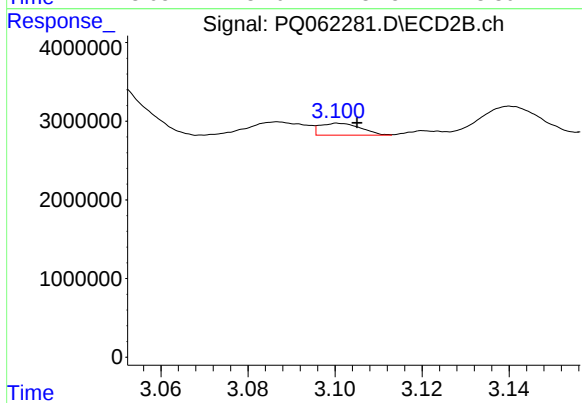
#9 AR-1221-2

R.T.: 3.047 min
Delta R.T.: 0.010 min
Response: 8218811
Conc: 323.57 ng/ml



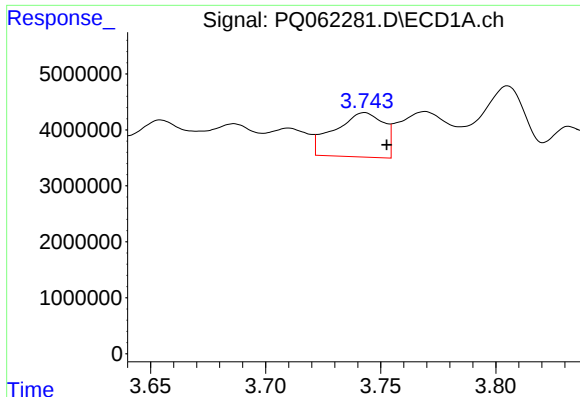
#10 AR-1221-3

R.T.: 3.743 min
Delta R.T.: -0.010 min
Response: 11823449
Conc: 84.14 ng/ml



#10 AR-1221-3

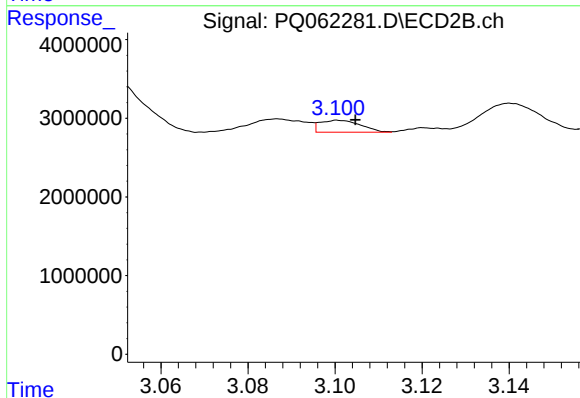
R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 988177
Conc: 12.82 ng/ml



#11 AR-1232-1

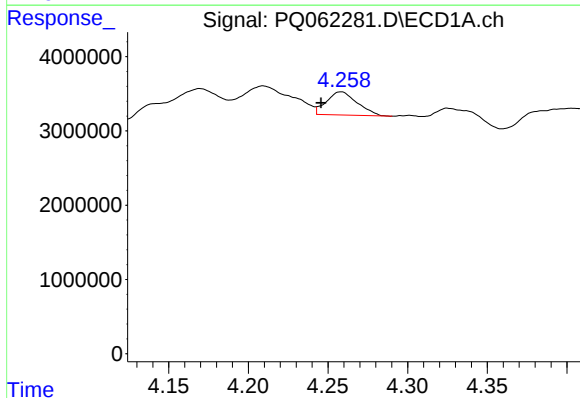
R.T.: 3.743 min
Delta R.T.: -0.010 min
Response: 11823449
Conc: 111.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



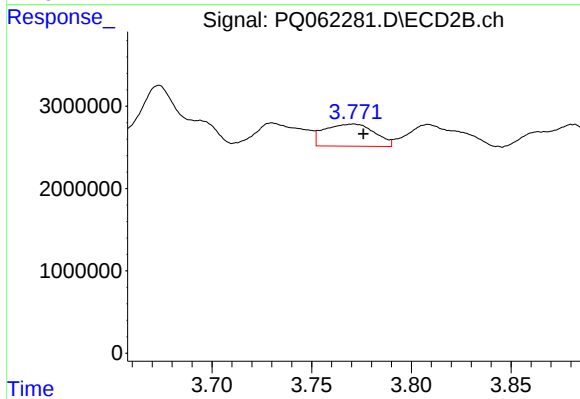
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 988177
Conc: 17.25 ng/ml



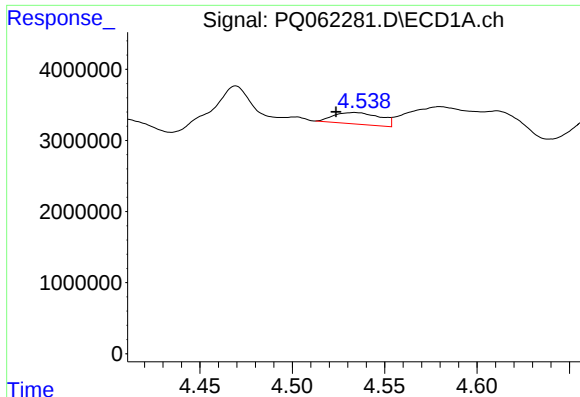
#12 AR-1232-2

R.T.: 4.258 min
Delta R.T.: 0.013 min
Response: 4184363
Conc: 70.74 ng/ml



#12 AR-1232-2

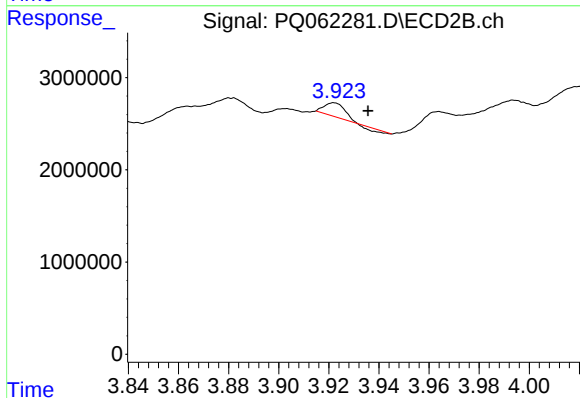
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 4704105
Conc: 70.68 ng/ml



#13 AR-1232-3

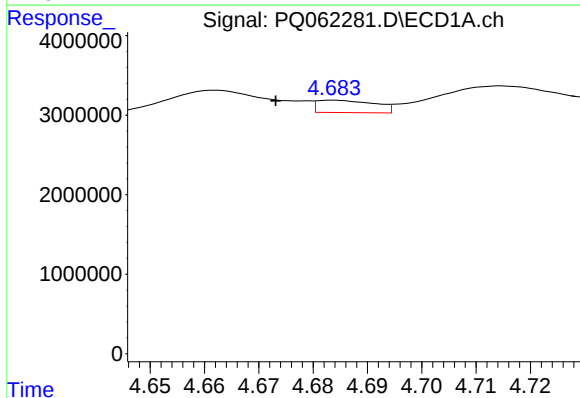
R.T.: 4.534 min
Delta R.T.: 0.010 min
Response: 2846693
Conc: 25.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



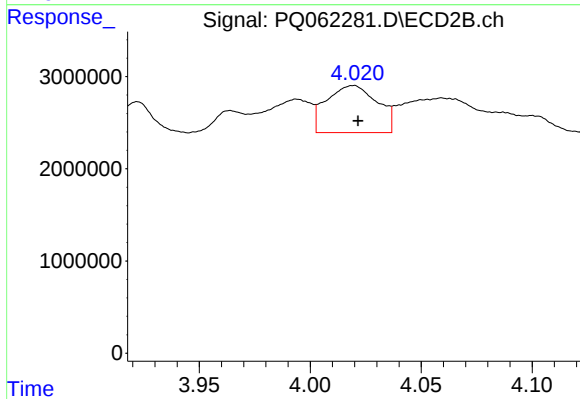
#13 AR-1232-3

R.T.: 3.922 min
Delta R.T.: -0.014 min
Response: 737414
Conc: 21.34 ng/ml



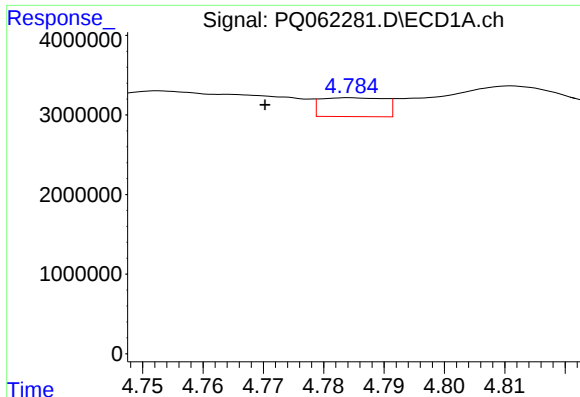
#14 AR-1232-4

R.T.: 4.684 min
Delta R.T.: 0.011 min
Response: 1142130
Conc: 20.16 ng/ml



#14 AR-1232-4

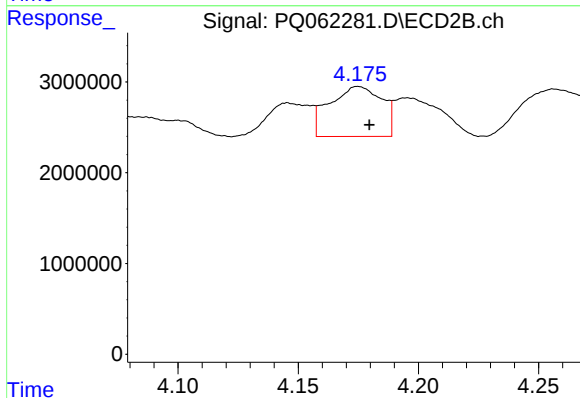
R.T.: 4.019 min
Delta R.T.: -0.002 min
Response: 8145509
Conc: 273.89 ng/ml



#15 AR-1232-5

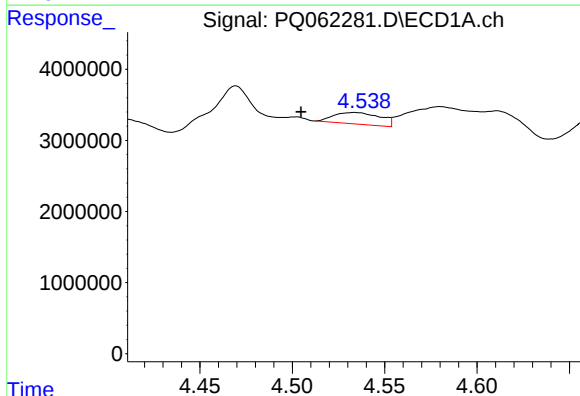
R.T.: 4.784 min
Delta R.T.: 0.014 min
Response: 1746820
Conc: 43.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



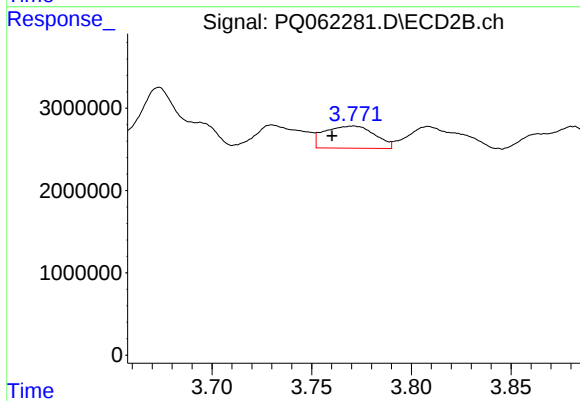
#15 AR-1232-5

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 8350350
Conc: 234.16 ng/ml



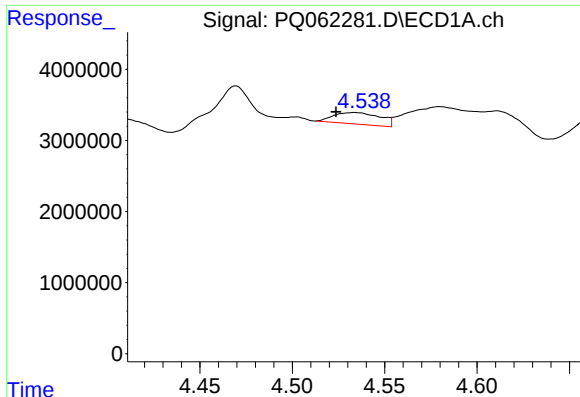
#16 AR-1242-1

R.T.: 4.534 min
Delta R.T.: 0.029 min
Response: 2846693
Conc: 21.78 ng/ml



#16 AR-1242-1

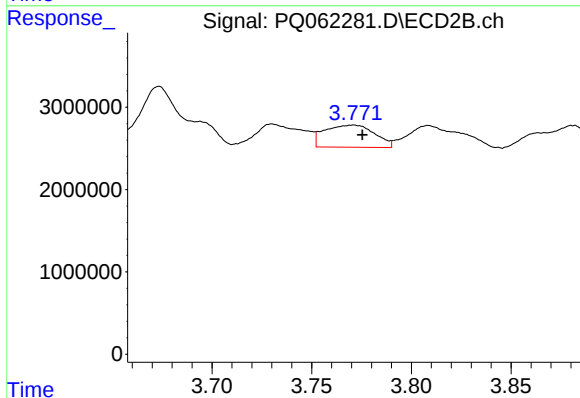
R.T.: 3.771 min
Delta R.T.: 0.011 min
Response: 4704105
Conc: 60.82 ng/ml



#17 AR-1242-2

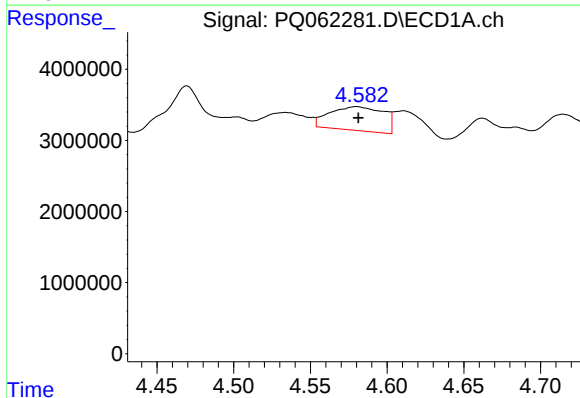
R.T.: 4.534 min
Delta R.T.: 0.010 min
Response: 2846693
Conc: 14.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



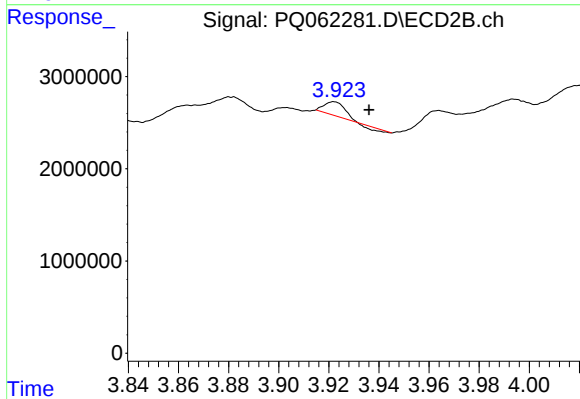
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 4704105
Conc: 42.32 ng/ml



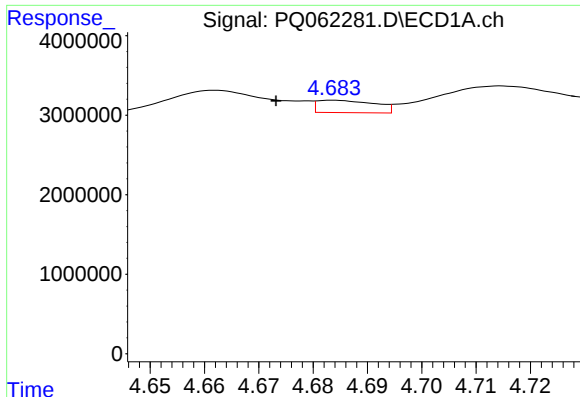
#18 AR-1242-3

R.T.: 4.580 min
Delta R.T.: -0.001 min
Response: 8226749
Conc: 68.08 ng/ml



#18 AR-1242-3

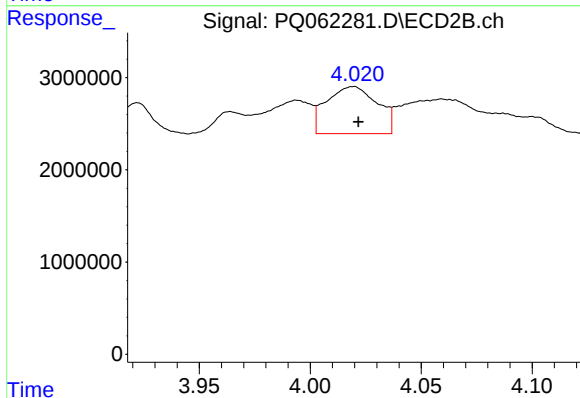
R.T.: 3.922 min
Delta R.T.: -0.014 min
Response: 737414
Conc: 12.59 ng/ml



#19 AR-1242-4

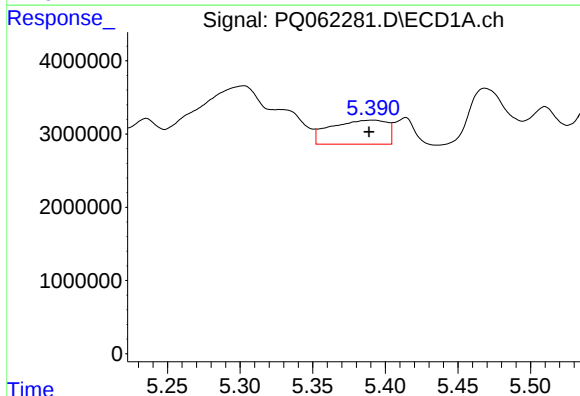
R.T.: 4.684 min
Delta R.T.: 0.010 min
Response: 1142130
Conc: 11.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



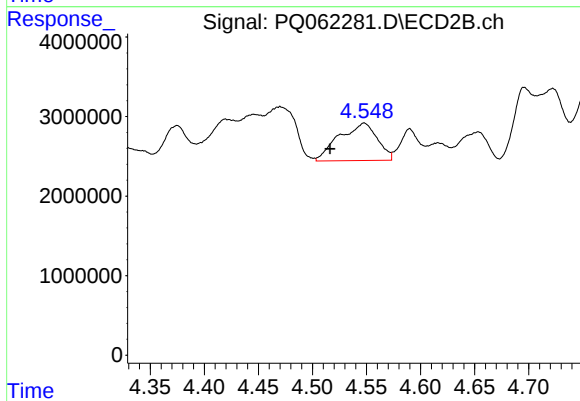
#19 AR-1242-4

R.T.: 4.019 min
Delta R.T.: -0.002 min
Response: 8145509
Conc: 138.94 ng/ml



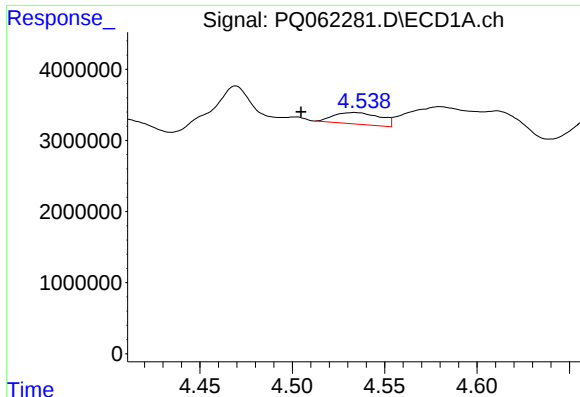
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 8858766
Conc: 92.54 ng/ml



#20 AR-1242-5

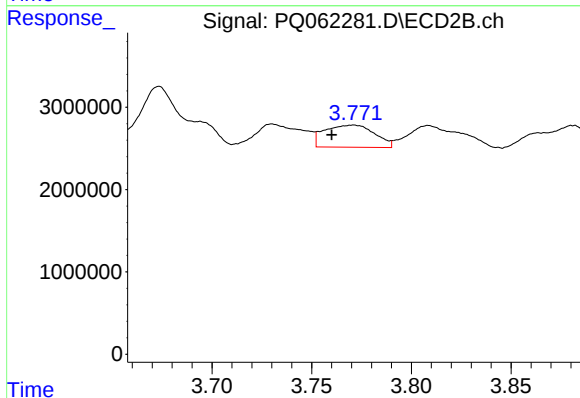
R.T.: 4.548 min
Delta R.T.: 0.032 min
Response: 11522146
Conc: 139.00 ng/ml



#21 AR-1248-1

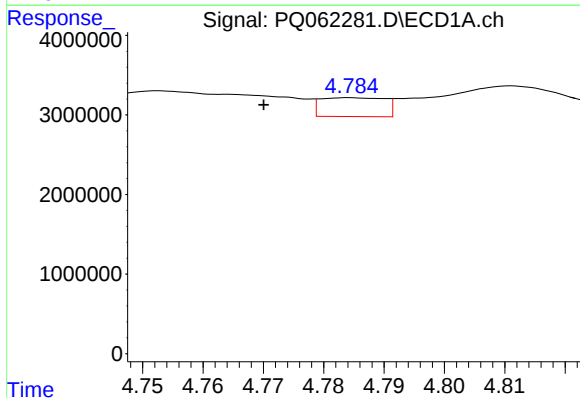
R.T.: 4.534 min
Delta R.T.: 0.029 min
Response: 2846693
Conc: 27.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



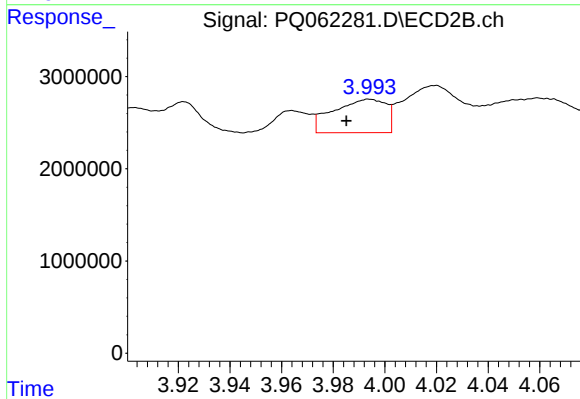
#21 AR-1248-1

R.T.: 3.771 min
Delta R.T.: 0.011 min
Response: 4704105
Conc: 75.24 ng/ml



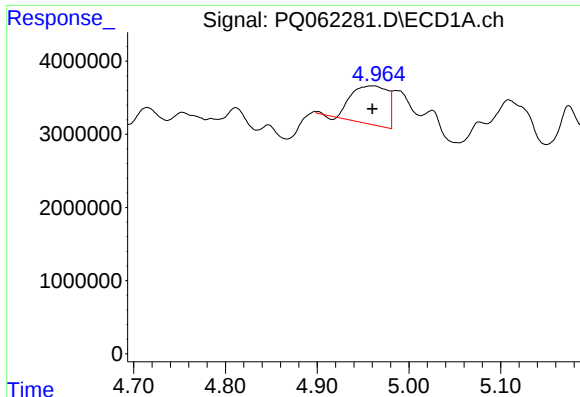
#22 AR-1248-2

R.T.: 4.784 min
Delta R.T.: 0.014 min
Response: 1746820
Conc: 12.16 ng/ml



#22 AR-1248-2

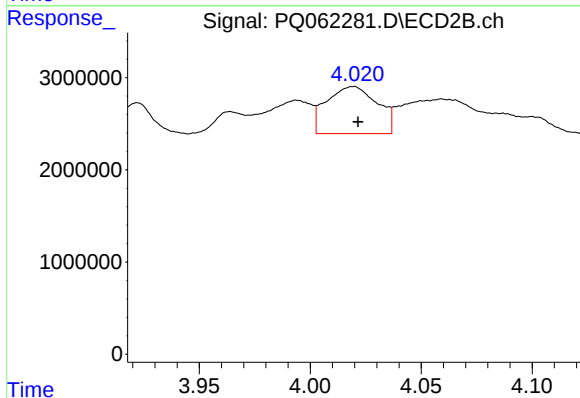
R.T.: 3.994 min
Delta R.T.: 0.009 min
Response: 5152479
Conc: 54.95 ng/ml



#23 AR-1248-3

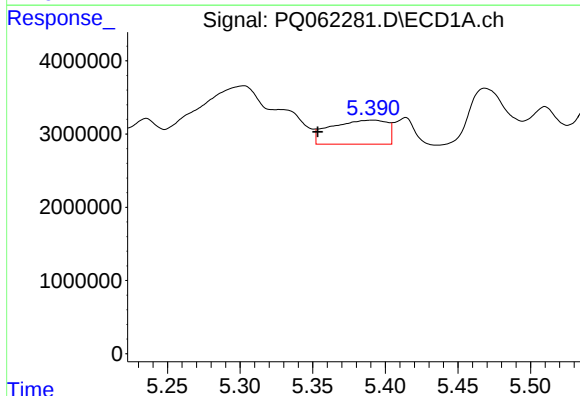
R.T.: 4.962 min
Delta R.T.: 0.001 min
Response: 14466090
Conc: 83.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



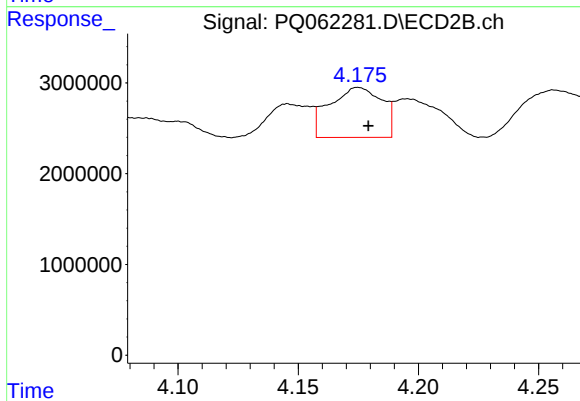
#23 AR-1248-3

R.T.: 4.019 min
Delta R.T.: -0.002 min
Response: 8145509
Conc: 89.96 ng/ml



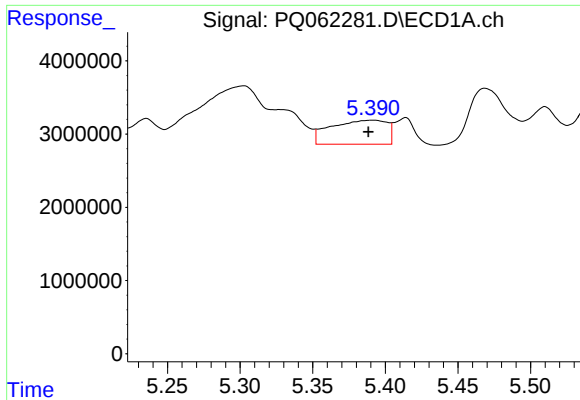
#24 AR-1248-4

R.T.: 5.391 min
Delta R.T.: 0.038 min
Response: 8858766
Conc: 46.16 ng/ml



#24 AR-1248-4

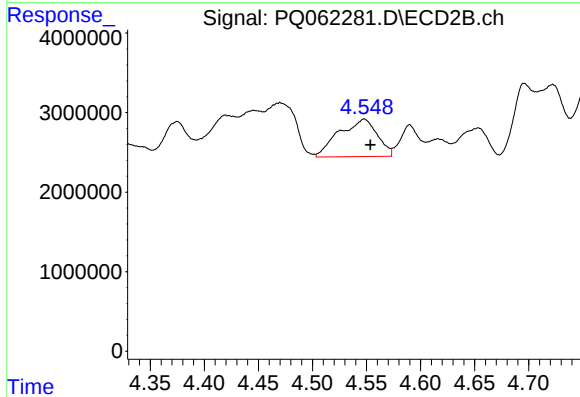
R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 8350350
Conc: 74.00 ng/ml



#25 AR-1248-5

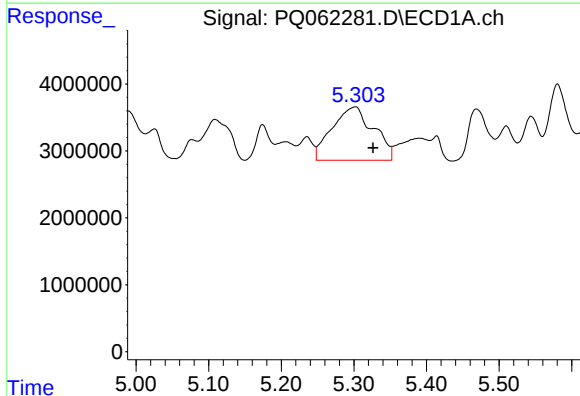
R.T.: 5.391 min
Delta R.T.: 0.003 min
Response: 8858766
Conc: 48.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



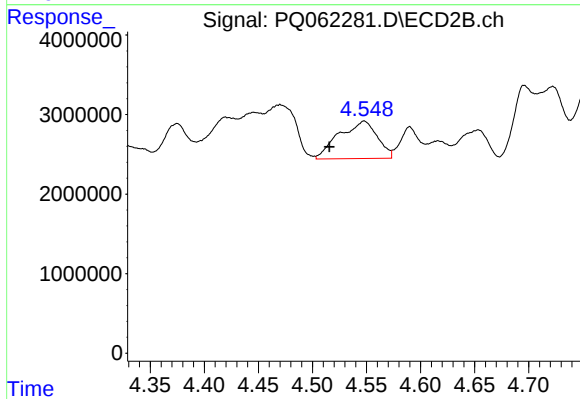
#25 AR-1248-5

R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 11522146
Conc: 102.85 ng/ml



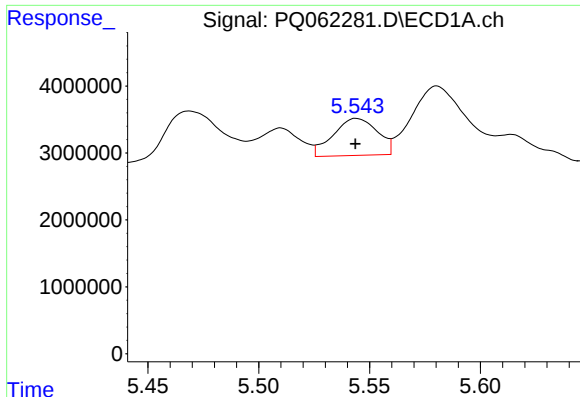
#26 AR-1254-1

R.T.: 5.302 min
Delta R.T.: -0.024 min
Response: 31681514
Conc: 170.49 ng/ml



#26 AR-1254-1

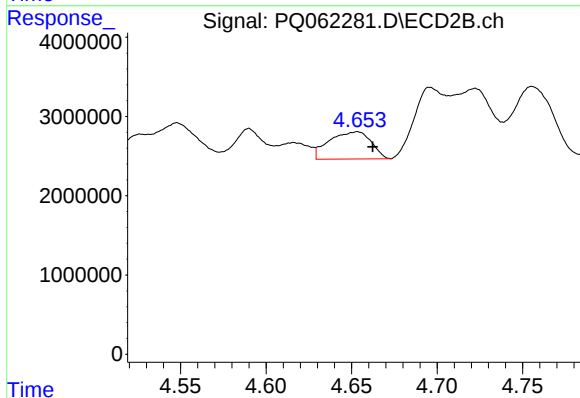
R.T.: 4.548 min
Delta R.T.: 0.032 min
Response: 11522146
Conc: 71.36 ng/ml



#27 AR-1254-2

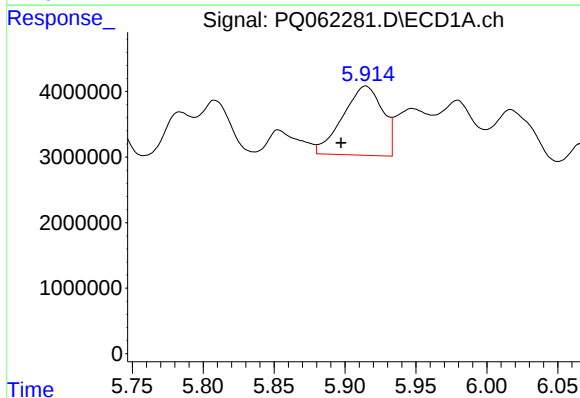
R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 7675188
Conc: 26.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



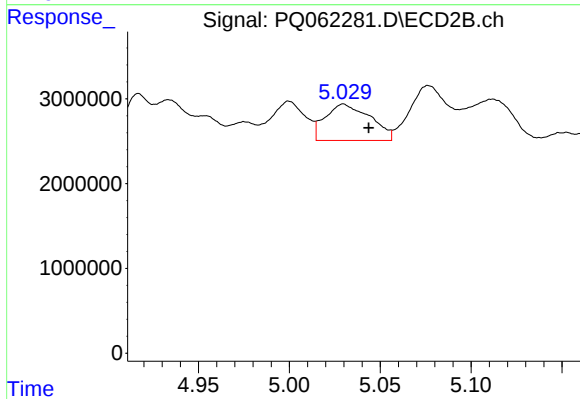
#27 AR-1254-2

R.T.: 4.653 min
Delta R.T.: -0.009 min
Response: 5861416
Conc: 39.81 ng/ml



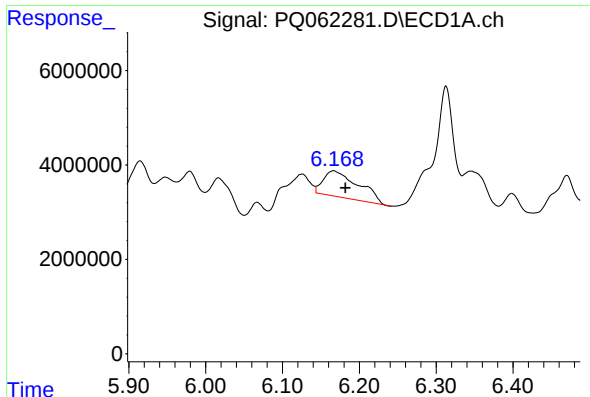
#28 AR-1254-3

R.T.: 5.915 min
Delta R.T.: 0.017 min
Response: 20703276
Conc: 67.41 ng/ml



#28 AR-1254-3

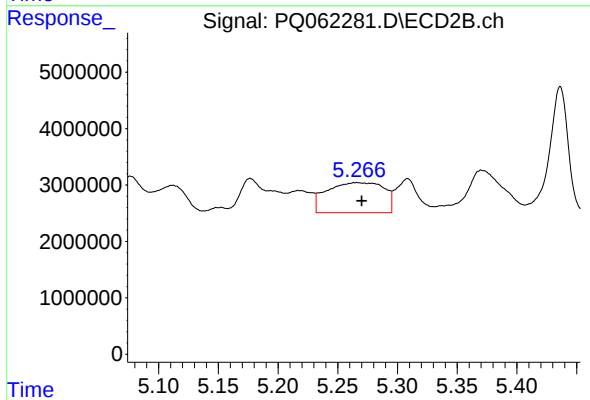
R.T.: 5.030 min
Delta R.T.: -0.014 min
Response: 7411128
Conc: 31.71 ng/ml



#29 AR-1254-4

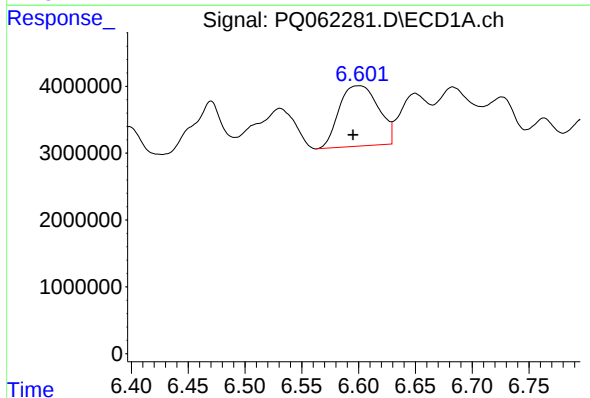
R.T.: 6.167 min
Delta R.T.: -0.015 min
Response: 17471102
Conc: 75.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



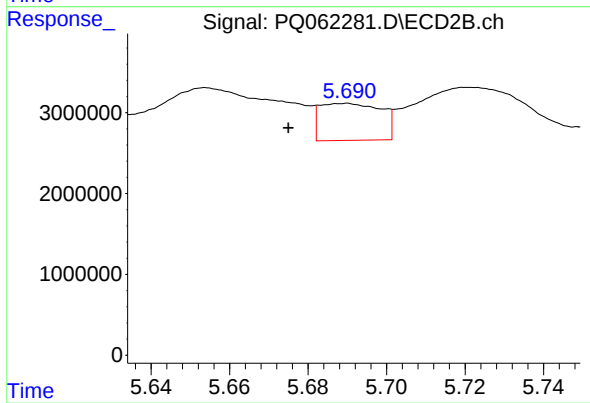
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 17704146
Conc: 116.16 ng/ml



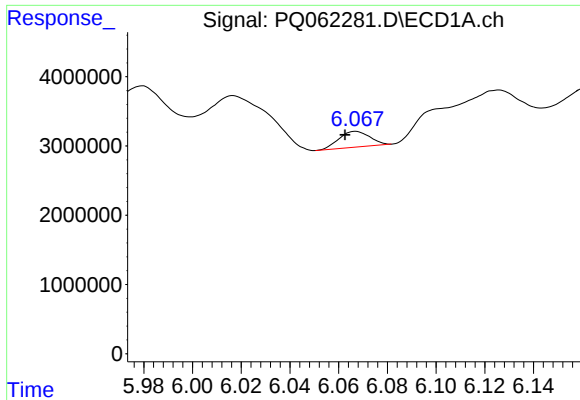
#30 AR-1254-5

R.T.: 6.600 min
Delta R.T.: 0.005 min
Response: 21784511
Conc: 84.81 ng/ml



#30 AR-1254-5

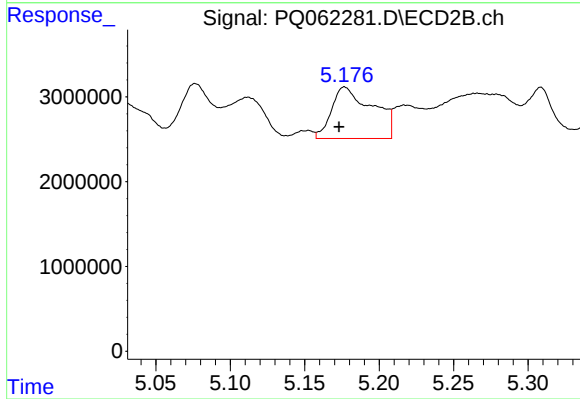
R.T.: 5.689 min
Delta R.T.: 0.014 min
Response: 4952782
Conc: 21.46 ng/ml



#31 AR-1260-1

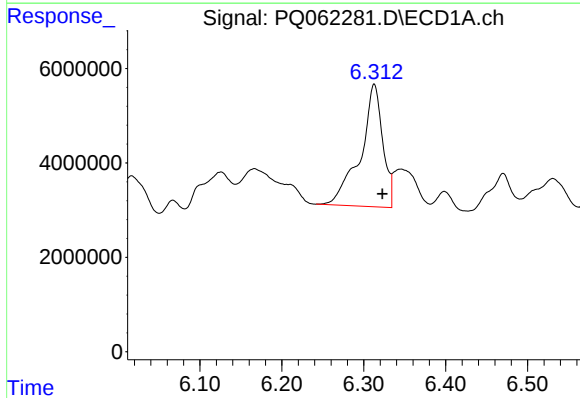
R.T.: 6.067 min
Delta R.T.: 0.004 min
Response: 1997445
Conc: 8.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



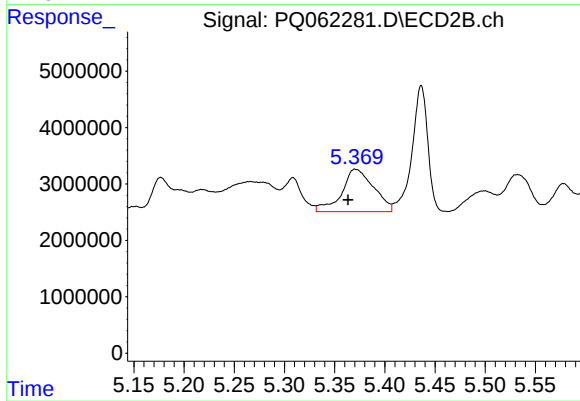
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: 0.004 min
Response: 11572448
Conc: 69.48 ng/ml



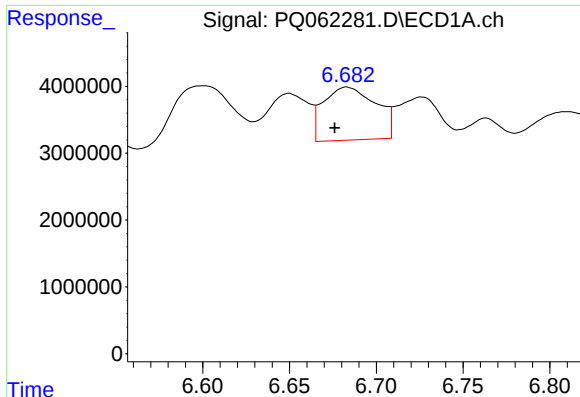
#32 AR-1260-2

R.T.: 6.313 min
Delta R.T.: -0.010 min
Response: 49183368
Conc: 170.30 ng/ml



#32 AR-1260-2

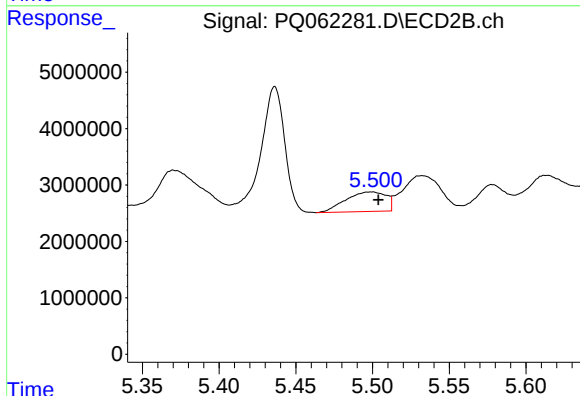
R.T.: 5.371 min
Delta R.T.: 0.007 min
Response: 16715154
Conc: 80.38 ng/ml



#33 AR-1260-3

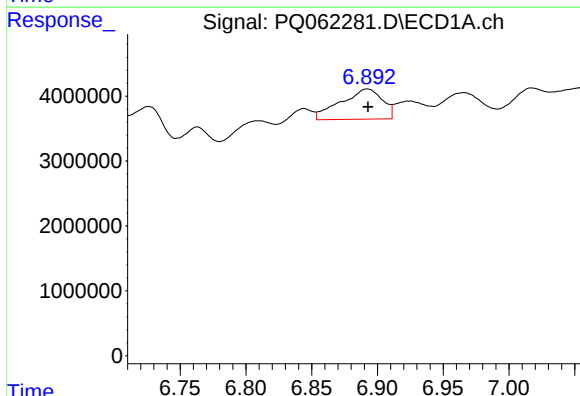
R.T.: 6.683 min
Delta R.T.: 0.007 min
Response: 16703729
Conc: 94.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



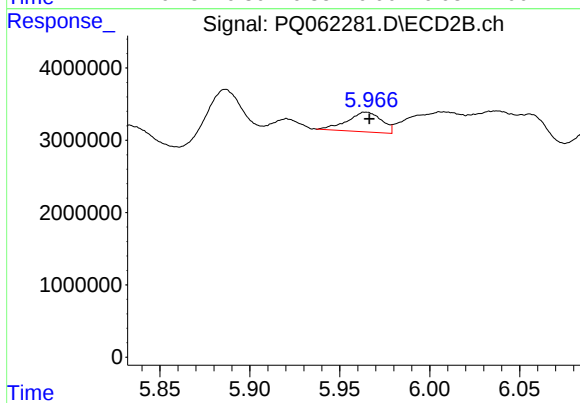
#33 AR-1260-3

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 6350876
Conc: 32.64 ng/ml



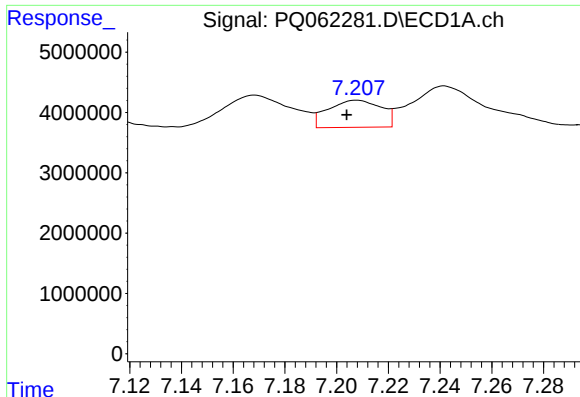
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 10291761
Conc: 48.86 ng/ml



#34 AR-1260-4

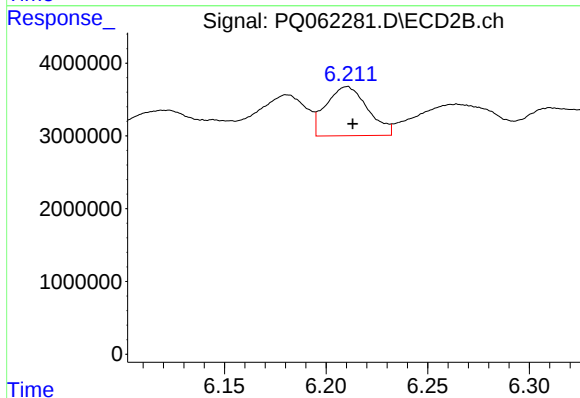
R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 3650249
Conc: 25.03 ng/ml



#35 AR-1260-5

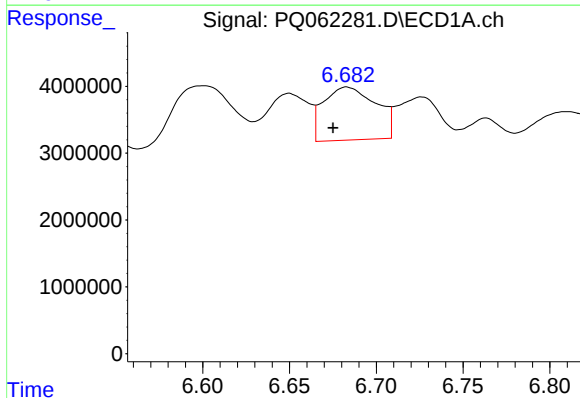
R.T.: 7.208 min
Delta R.T.: 0.004 min
Response: 6397015
Conc: 15.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



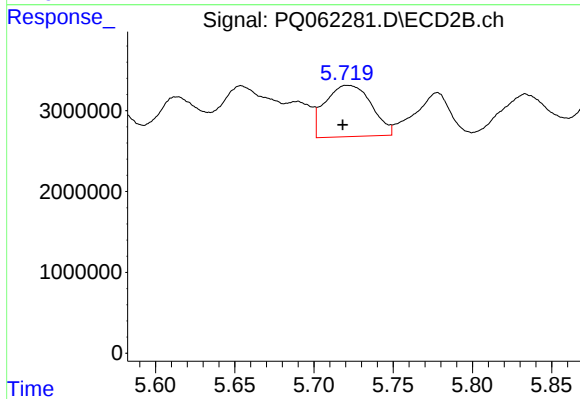
#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 9634154
Conc: 29.01 ng/ml



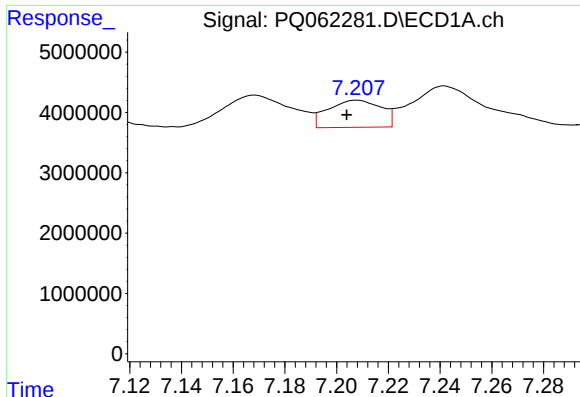
#36 AR-1262-1

R.T.: 6.683 min
Delta R.T.: 0.008 min
Response: 16703729
Conc: 54.78 ng/ml



#36 AR-1262-1

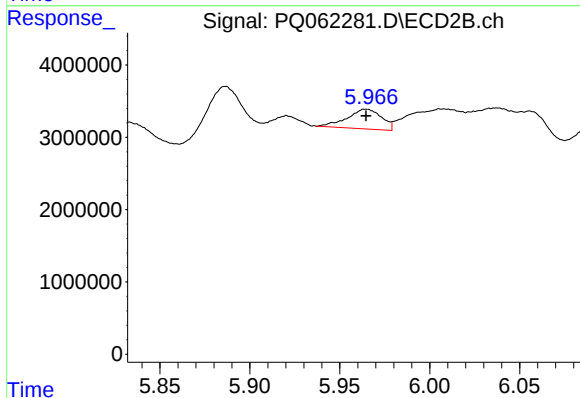
R.T.: 5.721 min
Delta R.T.: 0.003 min
Response: 12907562
Conc: 55.52 ng/ml



#37 AR-1262-2

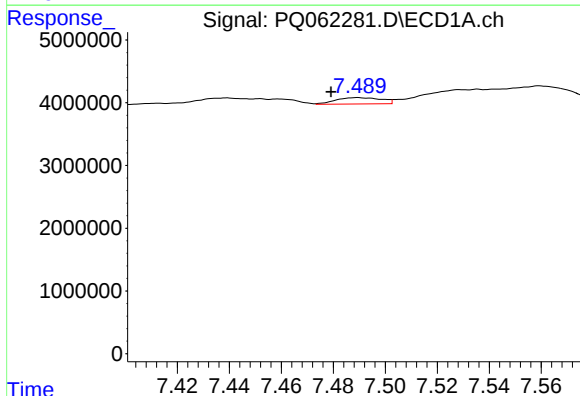
R.T.: 7.208 min
Delta R.T.: 0.004 min
Response: 6397015
Conc: 12.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



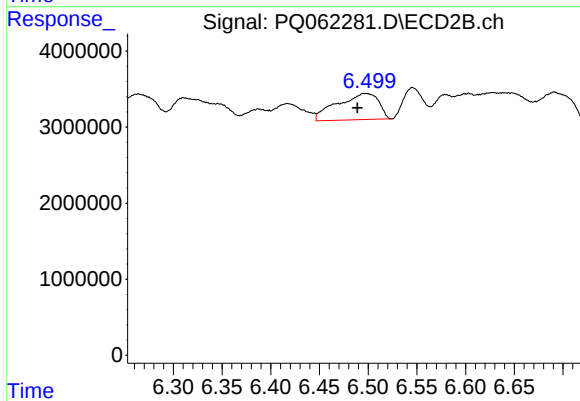
#37 AR-1262-2

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 3650249
Conc: 16.88 ng/ml



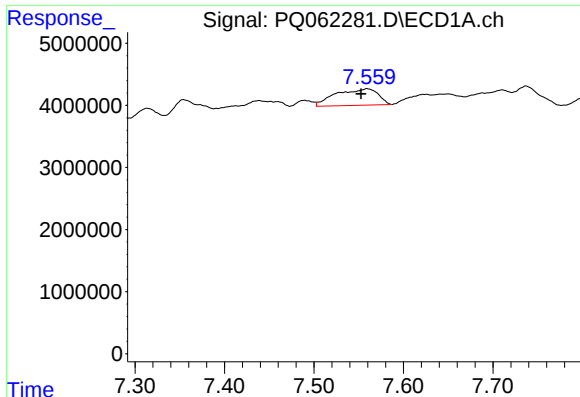
#38 AR-1262-3

R.T.: 7.490 min
Delta R.T.: 0.011 min
Response: 1218168
Conc: 3.46 ng/ml



#38 AR-1262-3

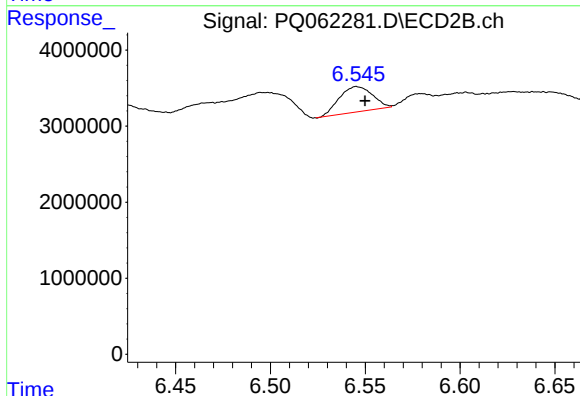
R.T.: 6.498 min
Delta R.T.: 0.009 min
Response: 10199795
Conc: 58.51 ng/ml



#39 AR-1262-4

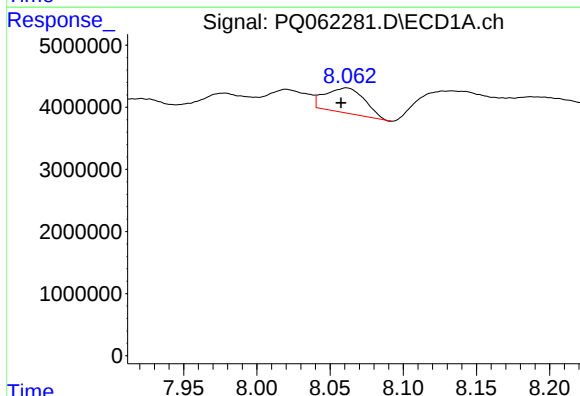
R.T.: 7.560 min
Delta R.T.: 0.007 min
Response: 8696644
Conc: 32.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



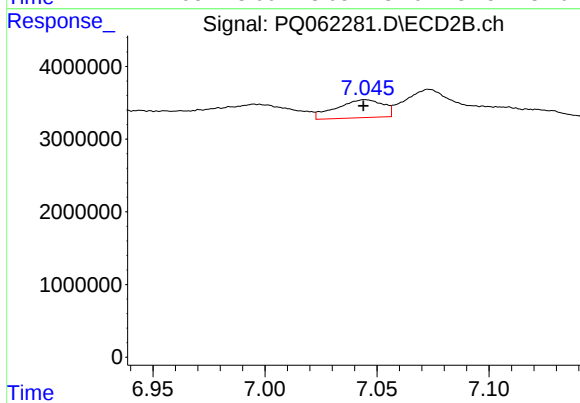
#39 AR-1262-4

R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 4057833
Conc: 12.59 ng/ml



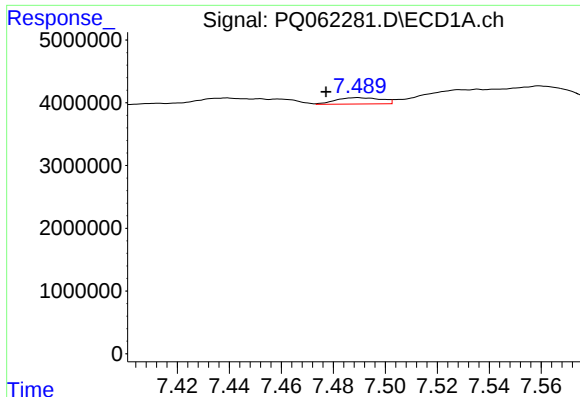
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 7503373
Conc: 42.27 ng/ml



#40 AR-1262-5

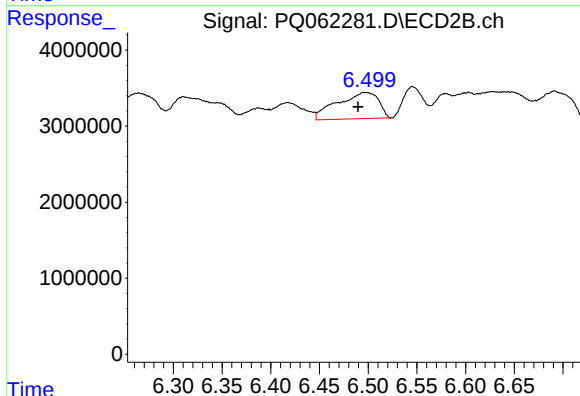
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 3590648
Conc: 23.15 ng/ml



#41 AR-1268-1

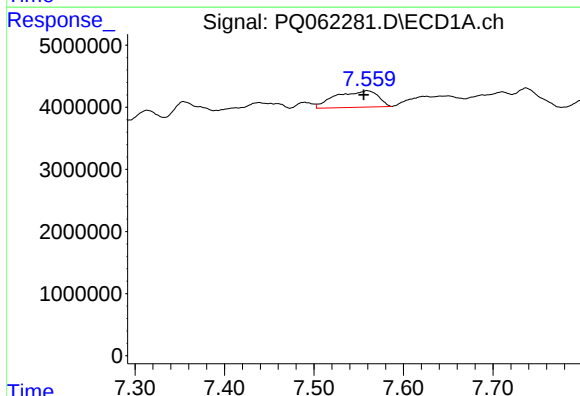
R.T.: 7.490 min
Delta R.T.: 0.012 min
Response: 1218168
Conc: 2.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



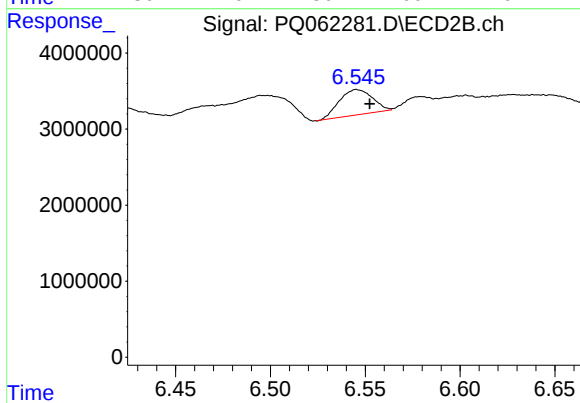
#41 AR-1268-1

R.T.: 6.498 min
Delta R.T.: 0.008 min
Response: 10199795
Conc: 21.68 ng/ml



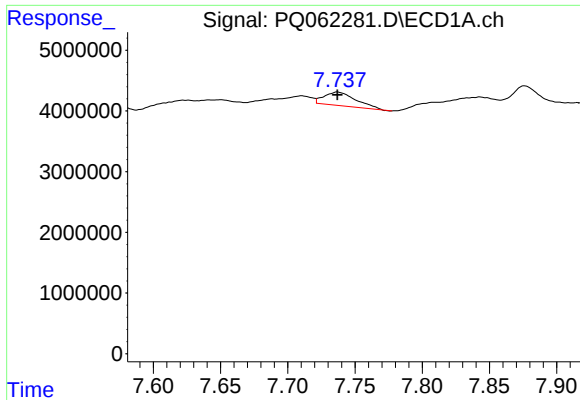
#42 AR-1268-2

R.T.: 7.560 min
Delta R.T.: 0.004 min
Response: 8696644
Conc: 17.06 ng/ml



#42 AR-1268-2

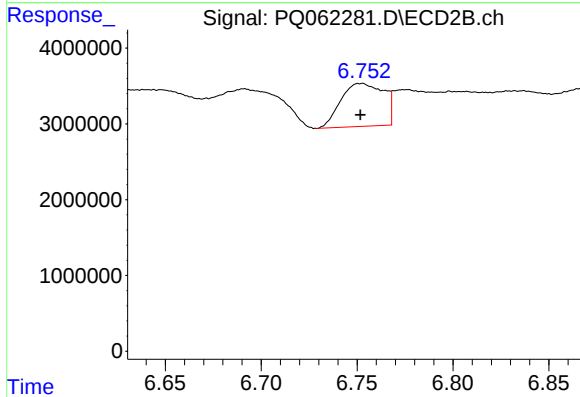
R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 4057833
Conc: 9.58 ng/ml



#43 AR-1268-3

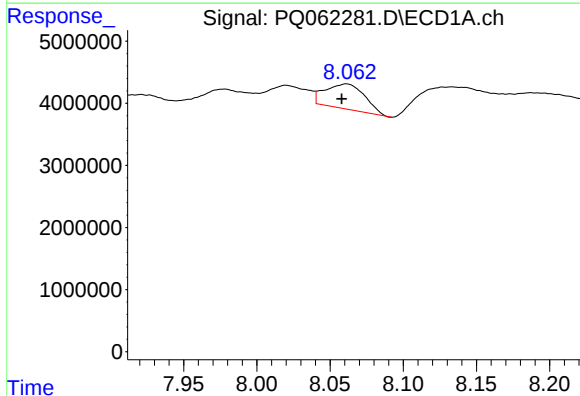
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 3673557
Conc: 8.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



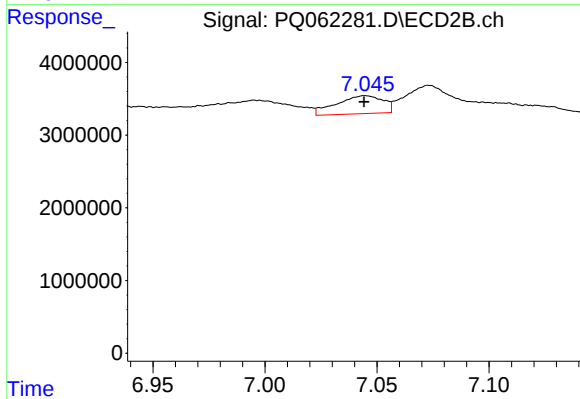
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 8816136
Conc: 23.94 ng/ml



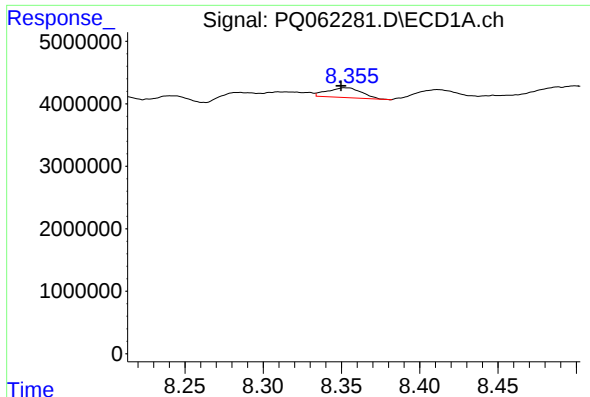
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 7503373
Conc: 41.01 ng/ml



#44 AR-1268-4

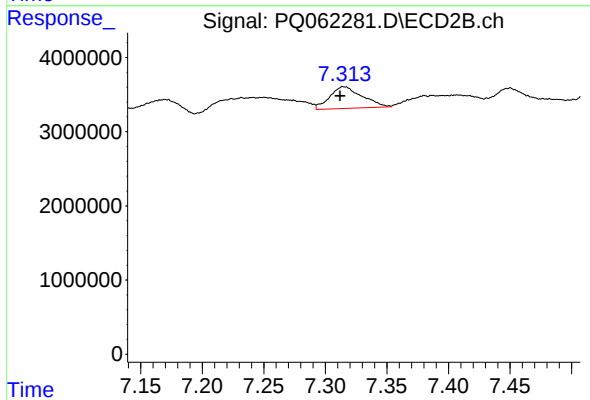
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 3590648
Conc: 22.45 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 2355996
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.315 min
Delta R.T.: 0.003 min
Response: 5347184
Conc: 4.58 ng/ml