

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
 Data File : PQ062005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2023 16:37
 Operator : YP\AJ
 Sample : 03527-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 001

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:13:19 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...	3.412	2.771	50339860	29216901	10.319	11.644
2)	SA Decachlor...	8.584	7.528	73258785	54748081	20.166	16.430
Target Compounds							
3)	L1 AR-1016-1	0.000	3.763	0	899973	N.D.	9.093 #
4)	L1 AR-1016-2	4.562f	3.763	99156	899973	0.401	6.241 #
5)	L1 AR-1016-3	4.595	0.000	548108	0	3.596	N.D. #
6)	L1 AR-1016-4	4.662	3.987	264384	953245	2.109	14.514 #
7)	L1 AR-1016-5	4.973	4.153f	449400	381126	3.692	4.649 #
8)	L2 AR-1221-1	3.598	0.000	621495	0	10.340	N.D. #
9)	L2 AR-1221-2	3.691	3.039	1000476	399801	22.266	15.740 #
10)	L2 AR-1221-3	0.000	3.083	0	72241	N.D.	0.937 #
11)	L3 AR-1232-1	0.000	3.083	0	72241	N.D.	1.261 #
12)	L3 AR-1232-2	4.197f	3.763	284965	899973	4.818	13.522 #
13)	L3 AR-1232-3	4.562f	0.000	99156	0	0.877	N.D. #
14)	L3 AR-1232-4	4.662	4.011	264384	553968	4.666	18.627 #
15)	L3 AR-1232-5	4.763	4.153f	1217729	381126	30.405	10.688 #
16)	L4 AR-1242-1	0.000	3.763	0	899973	N.D.	11.637 #
17)	L4 AR-1242-2	4.562f	3.763	99156	899973	0.511	8.096 #
18)	L4 AR-1242-3	4.595	0.000	548108	0	4.536	N.D. #
19)	L4 AR-1242-4	4.662	4.011	264384	553968	2.712	9.449 #
20)	L4 AR-1242-5	5.398	4.502	245876	242169	2.568	2.921
21)	L5 AR-1248-1	0.000	3.763	0	899973	N.D.	14.395 #
22)	L5 AR-1248-2	4.763	3.987	1217729	953245	8.476	10.166
23)	L5 AR-1248-3	4.973	4.011	449400	553968	2.587	6.118 #
24)	L5 AR-1248-4	5.340	4.153f	1228933	381126	6.403	3.378 #
25)	L5 AR-1248-5	5.398	4.563	245876	935196	1.358	8.348 #
26)	L6 AR-1254-1	5.340	4.502	1228933	242169	6.614	1.500 #
27)	L6 AR-1254-2	5.567	4.667	2063884	184109	7.099	1.251 #
28)	L6 AR-1254-3	5.898	5.030	939154	260420	3.058	1.114 #
29)	L6 AR-1254-4	6.162	5.266	1058237	246539	4.558	1.618 #
30)	L6 AR-1254-5	6.589	5.682	244254	82721	0.951	0.358 #
31)	L7 AR-1260-1	6.085	5.187	1328090	385386	5.629	2.314 #
32)	L7 AR-1260-2	6.315	5.349	1389267	811546	4.810	3.903
33)	L7 AR-1260-3	6.675	5.518	472131	315917	2.674	1.624 #
34)	L7 AR-1260-4	6.918	5.951	15741971	1111925	74.731	7.623 #
35)	L7 AR-1260-5	7.184	6.202	66916	271062	0.163	0.816 #
36)	L8 AR-1262-1	6.675	5.732	472131	710734	1.548	3.057 #
37)	L8 AR-1262-2	7.184	5.951	66916	1111925	0.127	5.143 #
38)	L8 AR-1262-3	7.481	6.494	856340	17637	2.431	0.101 #
39)	L8 AR-1262-4	7.520f	6.526	898406	39986	3.368	0.124 #
40)	L8 AR-1262-5	8.060	7.036	366048	435847	2.062	2.810 #
41)	L9 AR-1268-1	7.481	6.494	856340	17637	1.509	0.037 #

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 Acq On : 07 Jul 2023 16:37
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Integration File signal 1: autoint1.e
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 Quant Time: Jul 08 03:13:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

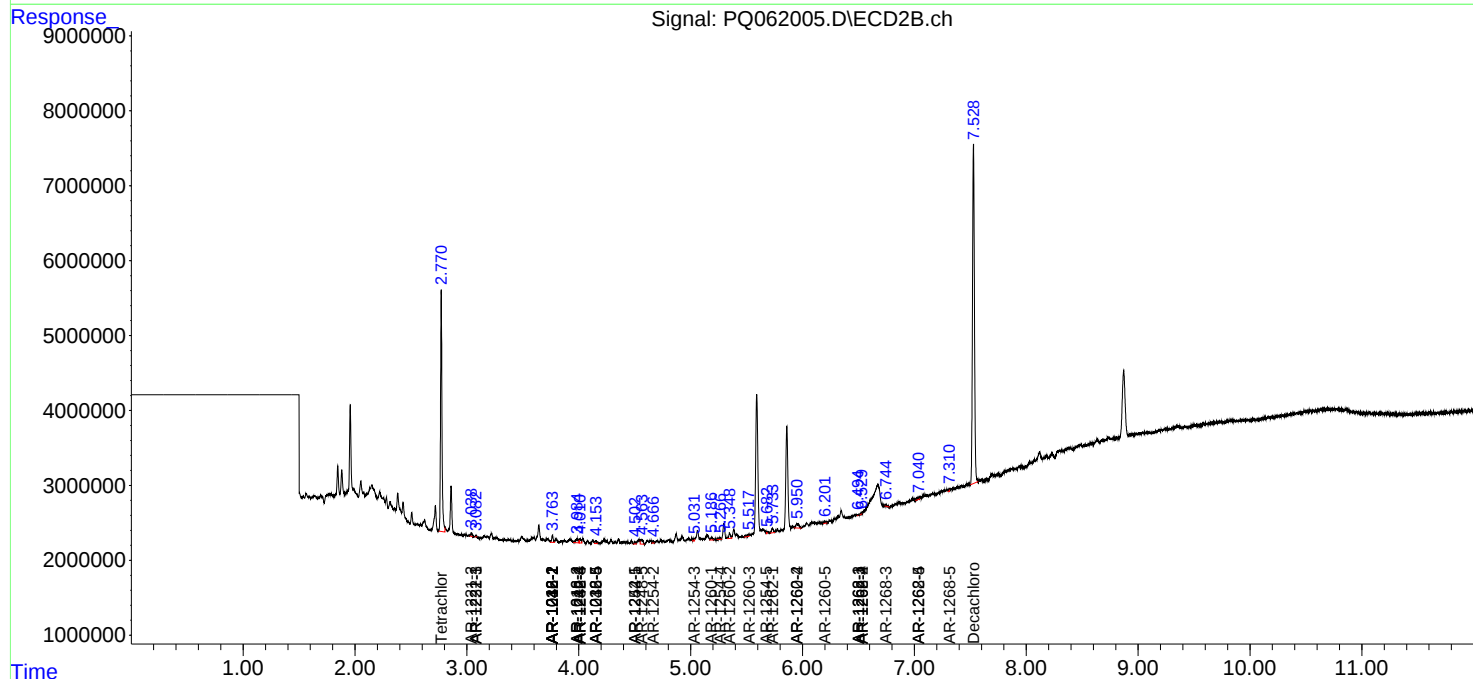
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

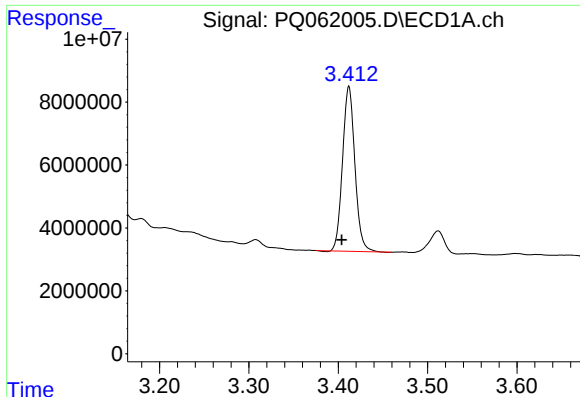
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.587f	6.526f	639801	39986	1.255	0.094 #
43) L9	AR-1268-3	0.000	6.745	0	223082	N.D.	0.606 #
44) L9	AR-1268-4	8.060	7.036	366048	435847	2.000	2.725 #
45) L9	AR-1268-5	8.351	7.311	16302	141348	0.013	0.121 #

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

Instrument :
ECD_Q
ClientSampleId :
001

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

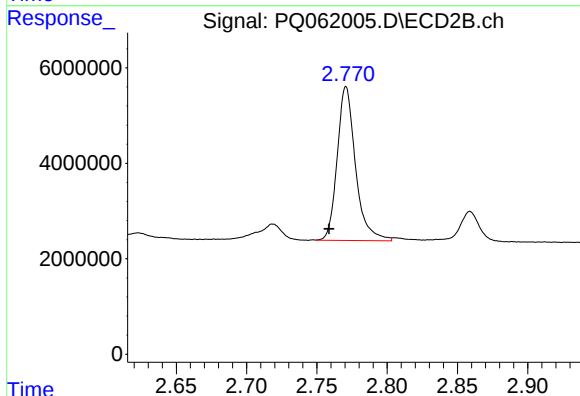




#1 Tetrachloro-m-xylene

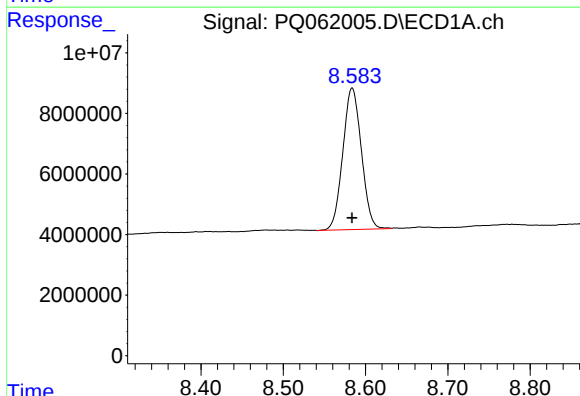
R.T.: 3.412 min
Delta R.T.: 0.008 min
Response: 50339860
Conc: 10.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



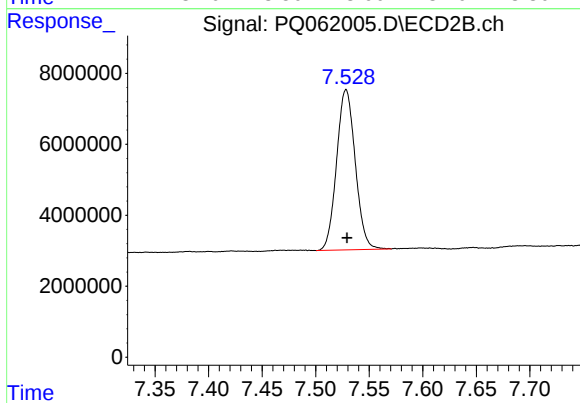
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.012 min
Response: 29216901
Conc: 11.64 ng/ml



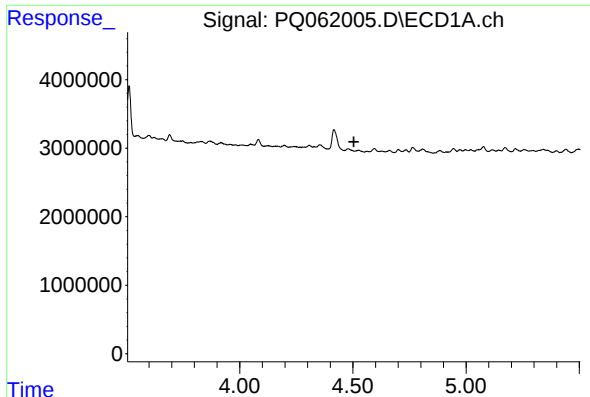
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 73258785
Conc: 20.17 ng/ml



#2 Decachlorobiphenyl

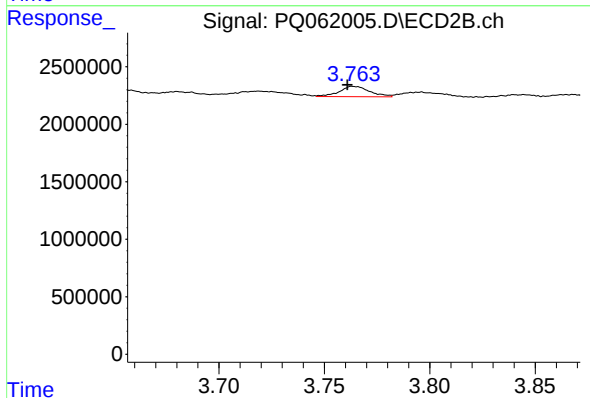
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 54748081
Conc: 16.43 ng/ml



#3 AR-1016-1

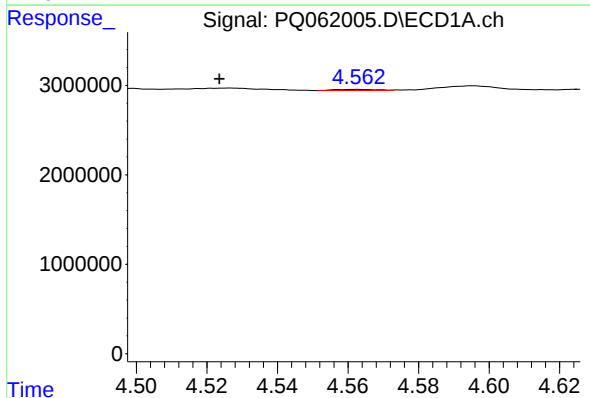
R.T.: 0.000 min
Exp R.T.: 4.504 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
001



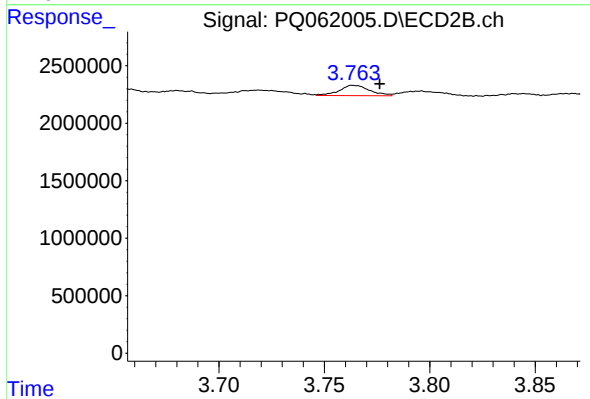
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: 0.002 min
Response: 899973
Conc: 9.09 ng/ml



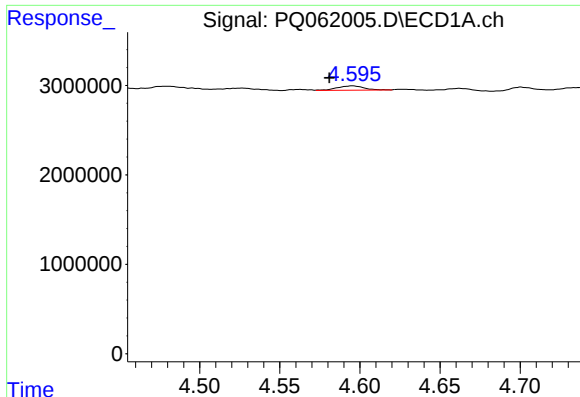
#4 AR-1016-2

R.T.: 4.562 min
Delta R.T.: 0.039 min
Response: 99156
Conc: 0.40 ng/ml



#4 AR-1016-2

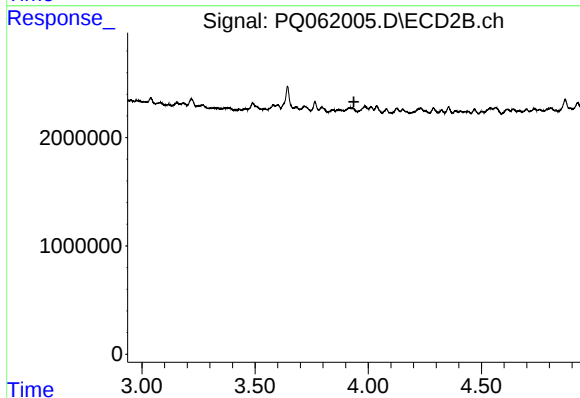
R.T.: 3.763 min
Delta R.T.: -0.013 min
Response: 899973
Conc: 6.24 ng/ml



#5 AR-1016-3

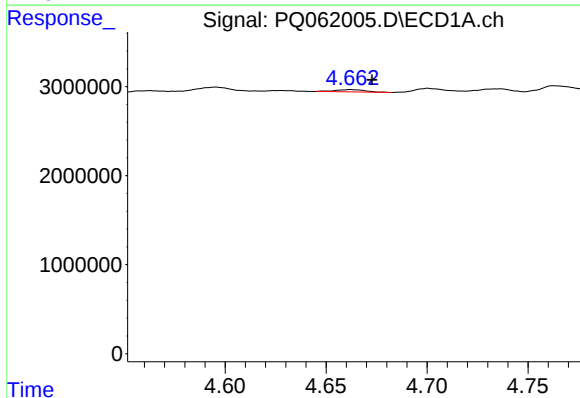
R.T.: 4.595 min
Delta R.T.: 0.014 min
Response: 548108
Conc: 3.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



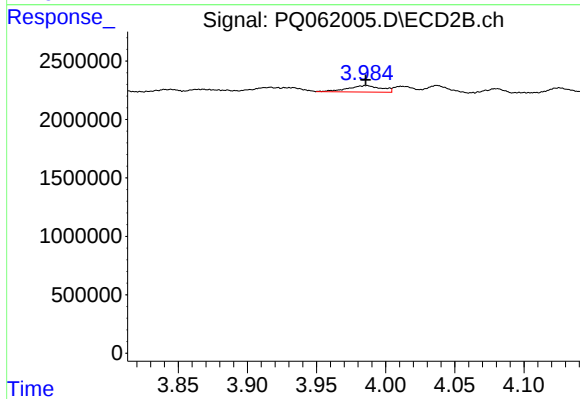
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 3.936 min
Response: 0
Conc: N.D.



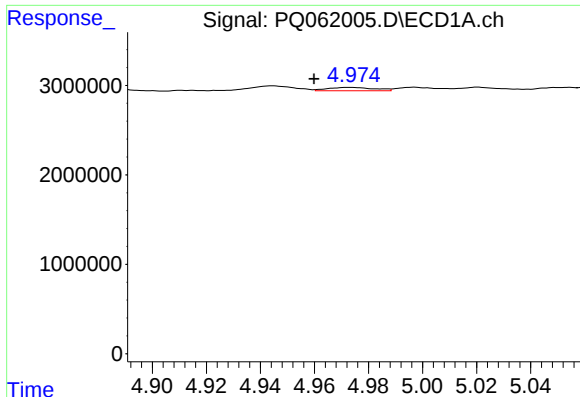
#6 AR-1016-4

R.T.: 4.662 min
Delta R.T.: -0.011 min
Response: 264384
Conc: 2.11 ng/ml



#6 AR-1016-4

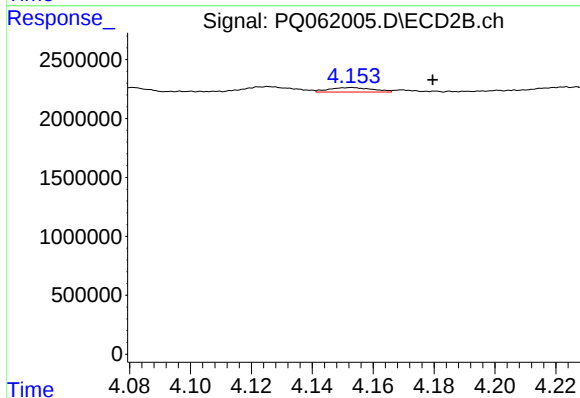
R.T.: 3.987 min
Delta R.T.: 0.001 min
Response: 953245
Conc: 14.51 ng/ml



#7 AR-1016-5

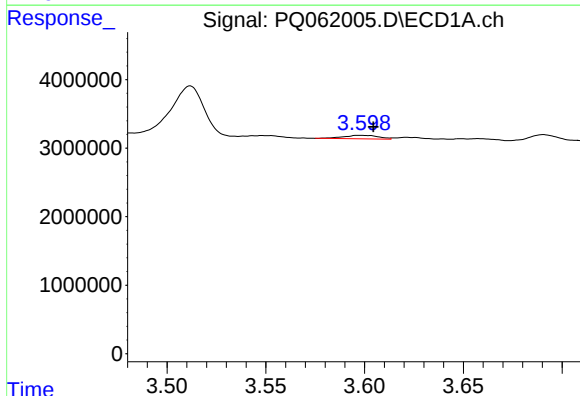
R.T.: 4.973 min
Delta R.T.: 0.013 min
Response: 449400
Conc: 3.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



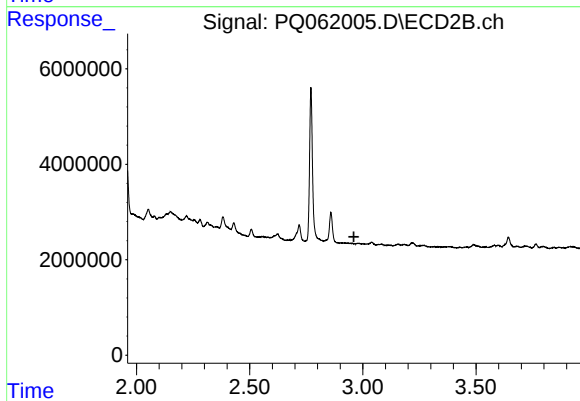
#7 AR-1016-5

R.T.: 4.153 min
Delta R.T.: -0.026 min
Response: 381126
Conc: 4.65 ng/ml



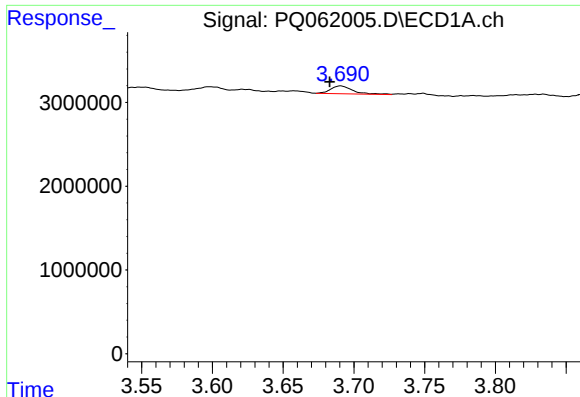
#8 AR-1221-1

R.T.: 3.598 min
Delta R.T.: -0.007 min
Response: 621495
Conc: 10.34 ng/ml



#8 AR-1221-1

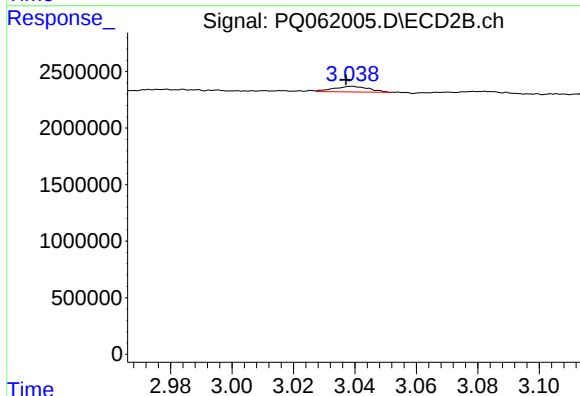
R.T.: 0.000 min
Exp R.T.: 2.961 min
Response: 0
Conc: N.D.



#9 AR-1221-2

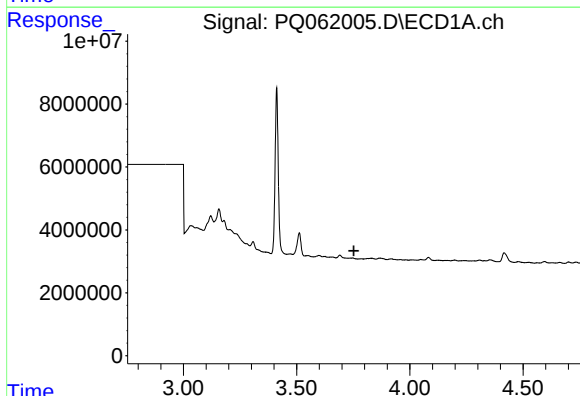
R.T.: 3.691 min
Delta R.T.: 0.008 min
Response: 1000476
Conc: 22.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



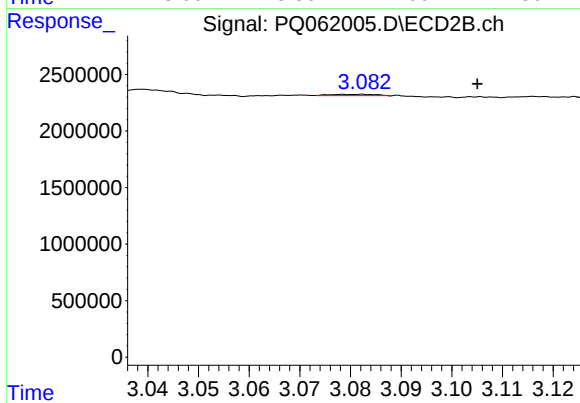
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: 0.002 min
Response: 399801
Conc: 15.74 ng/ml



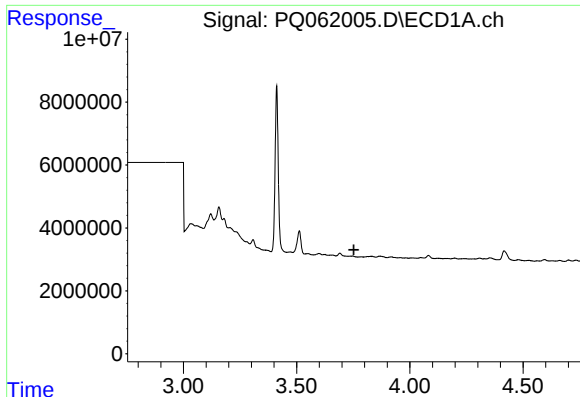
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.753 min
Response: 0
Conc: N.D.



#10 AR-1221-3

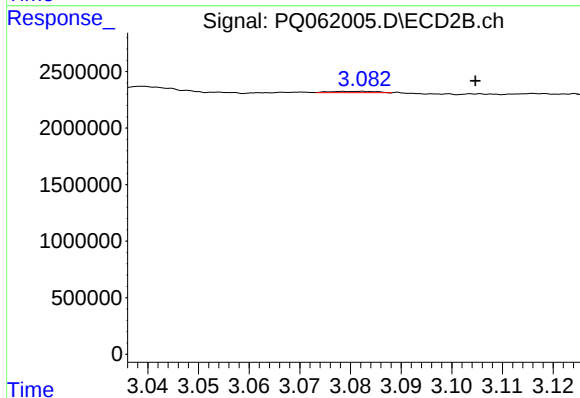
R.T.: 3.083 min
Delta R.T.: -0.023 min
Response: 72241
Conc: 0.94 ng/ml



#11 AR-1232-1

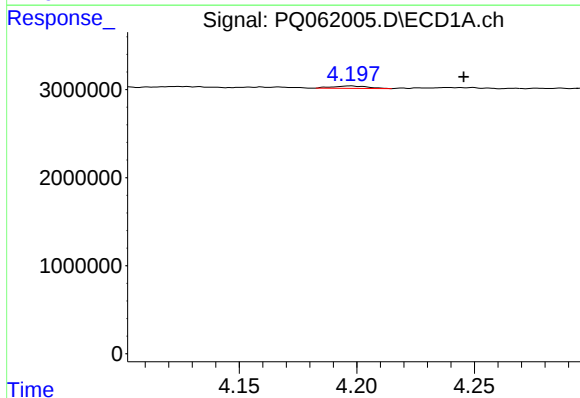
R.T.: 0.000 min
Exp R.T.: 3.753 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
001



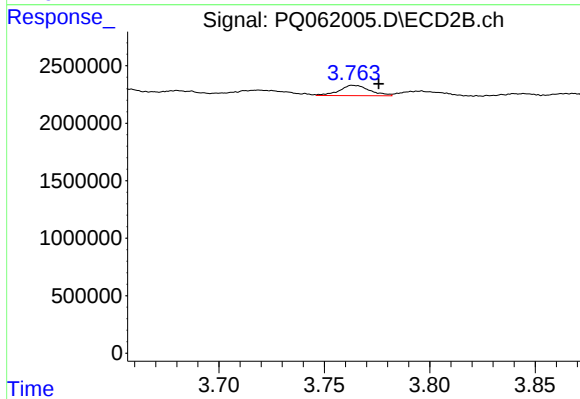
#11 AR-1232-1

R.T.: 3.083 min
Delta R.T.: -0.022 min
Response: 72241
Conc: 1.26 ng/ml



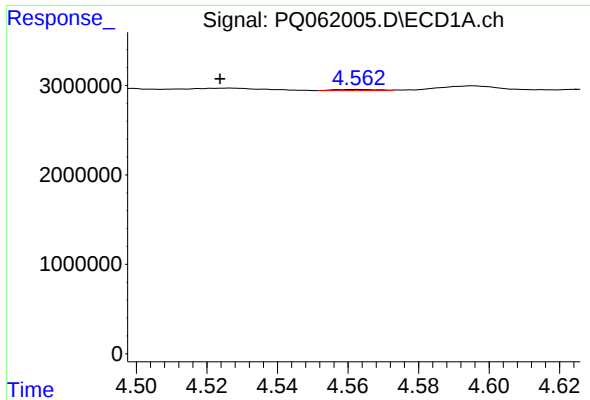
#12 AR-1232-2

R.T.: 4.197 min
Delta R.T.: -0.048 min
Response: 284965
Conc: 4.82 ng/ml



#12 AR-1232-2

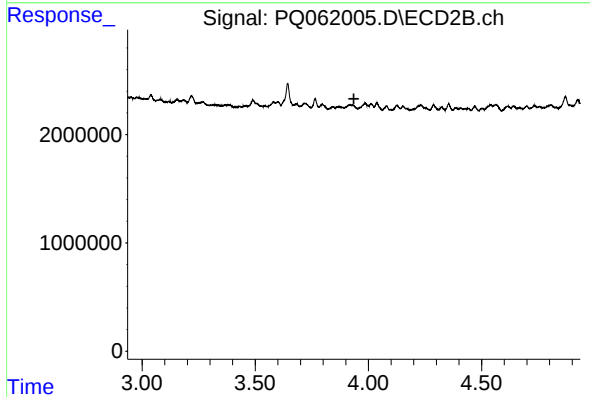
R.T.: 3.763 min
Delta R.T.: -0.012 min
Response: 899973
Conc: 13.52 ng/ml



#13 AR-1232-3

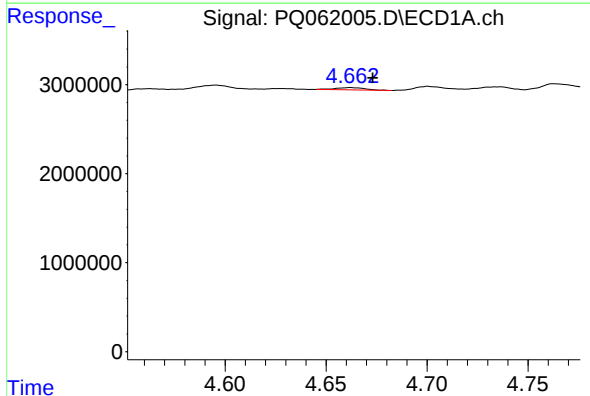
R.T.: 4.562 min
Delta R.T.: 0.039 min
Response: 99156
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



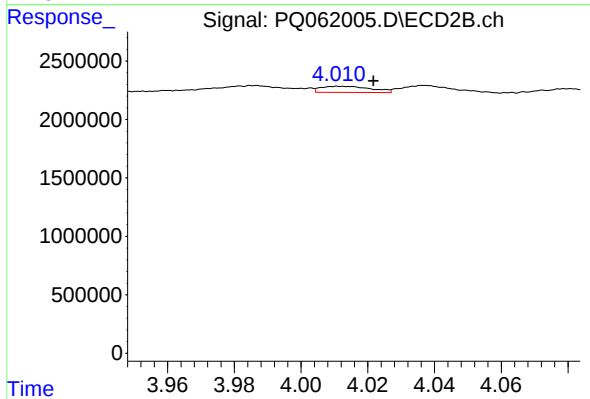
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 3.936 min
Response: 0
Conc: N.D.



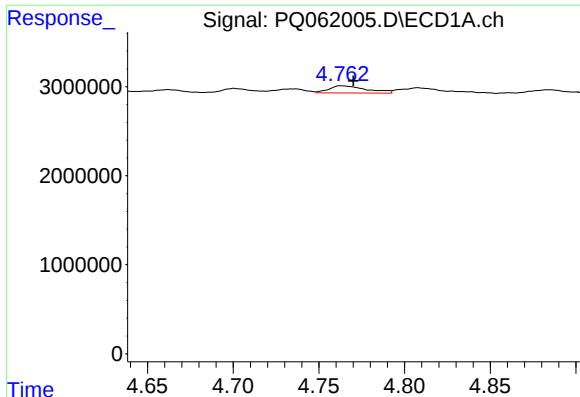
#14 AR-1232-4

R.T.: 4.662 min
Delta R.T.: -0.011 min
Response: 264384
Conc: 4.67 ng/ml



#14 AR-1232-4

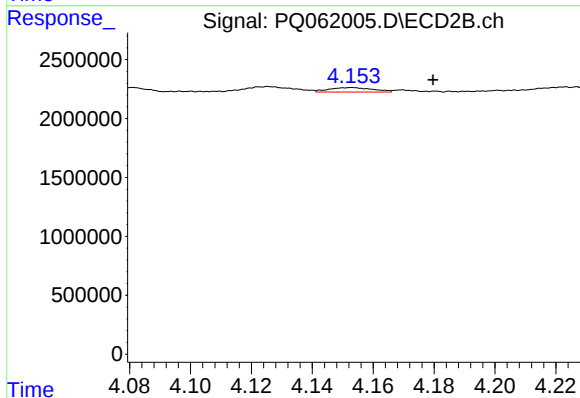
R.T.: 4.011 min
Delta R.T.: -0.010 min
Response: 553968
Conc: 18.63 ng/ml



#15 AR-1232-5

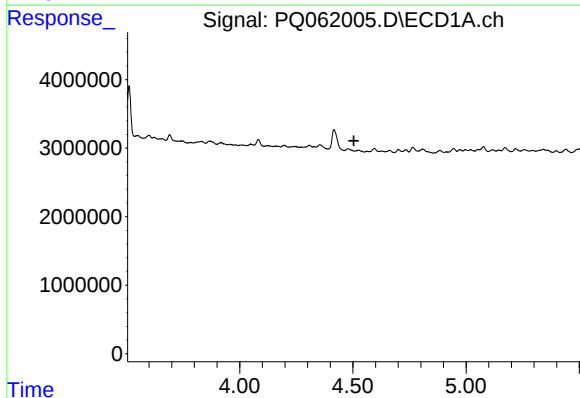
R.T.: 4.763 min
Delta R.T.: -0.007 min
Response: 1217729
Conc: 30.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



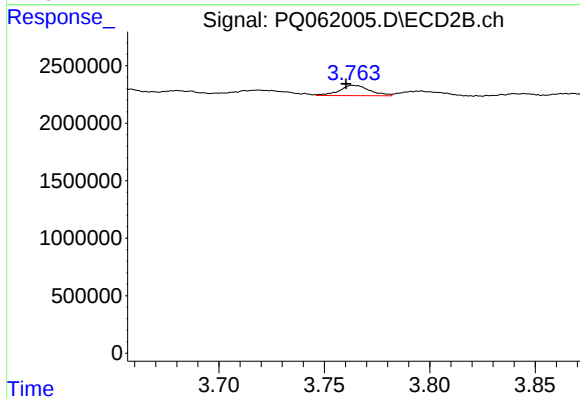
#15 AR-1232-5

R.T.: 4.153 min
Delta R.T.: -0.026 min
Response: 381126
Conc: 10.69 ng/ml



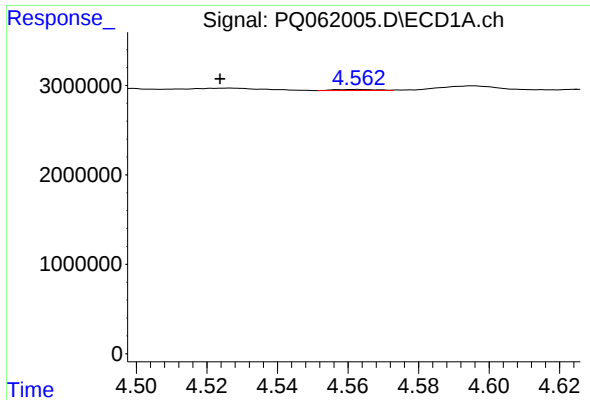
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.505 min
Response: 0
Conc: N.D.



#16 AR-1242-1

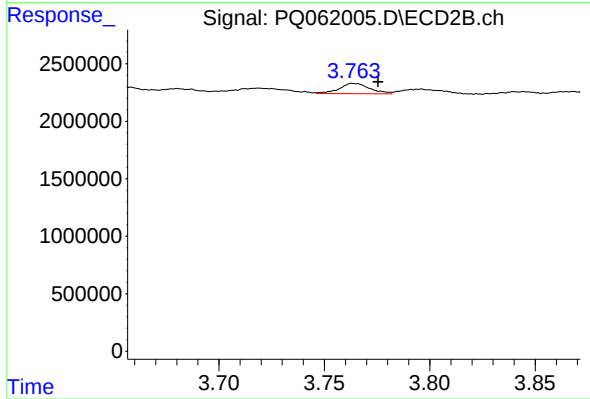
R.T.: 3.763 min
Delta R.T.: 0.003 min
Response: 899973
Conc: 11.64 ng/ml



#17 AR-1242-2

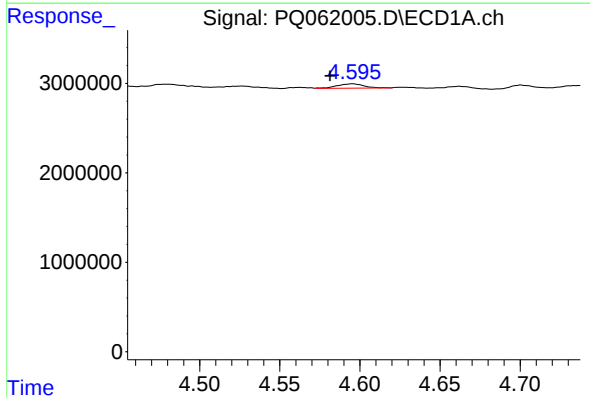
R.T.: 4.562 min
Delta R.T.: 0.039 min
Response: 99156
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



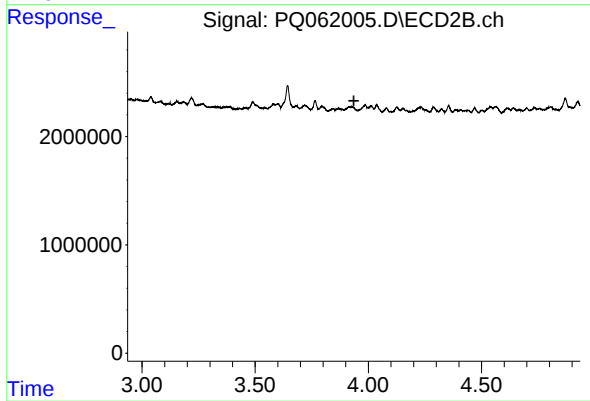
#17 AR-1242-2

R.T.: 3.763 min
Delta R.T.: -0.012 min
Response: 899973
Conc: 8.10 ng/ml



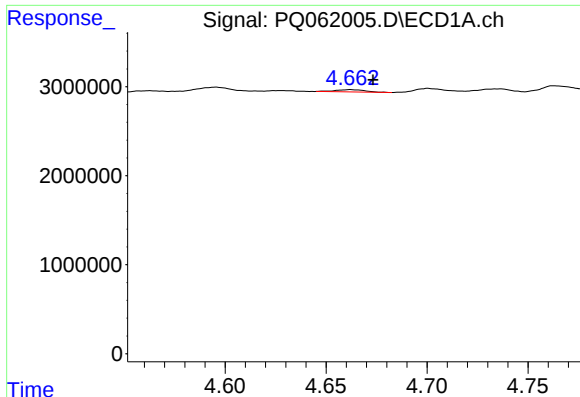
#18 AR-1242-3

R.T.: 4.595 min
Delta R.T.: 0.014 min
Response: 548108
Conc: 4.54 ng/ml



#18 AR-1242-3

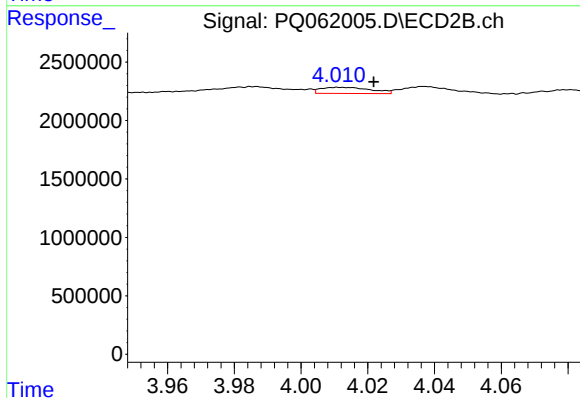
R.T.: 0.000 min
Exp R.T.: 3.936 min
Response: 0
Conc: N.D.



#19 AR-1242-4

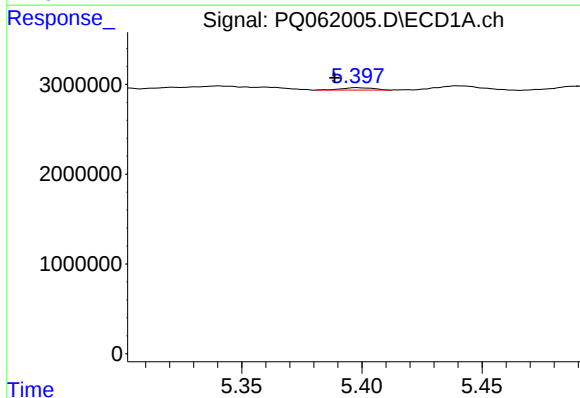
R.T.: 4.662 min
Delta R.T.: -0.011 min
Response: 264384
Conc: 2.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



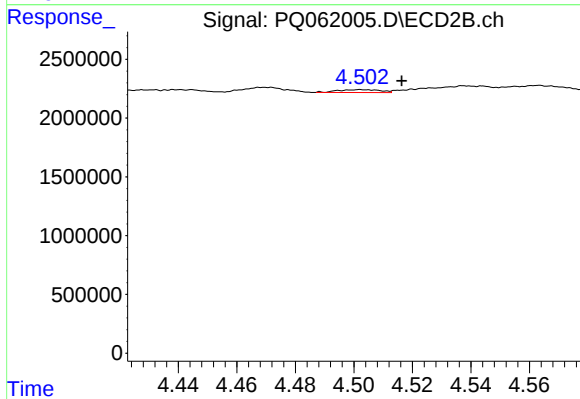
#19 AR-1242-4

R.T.: 4.011 min
Delta R.T.: -0.010 min
Response: 553968
Conc: 9.45 ng/ml



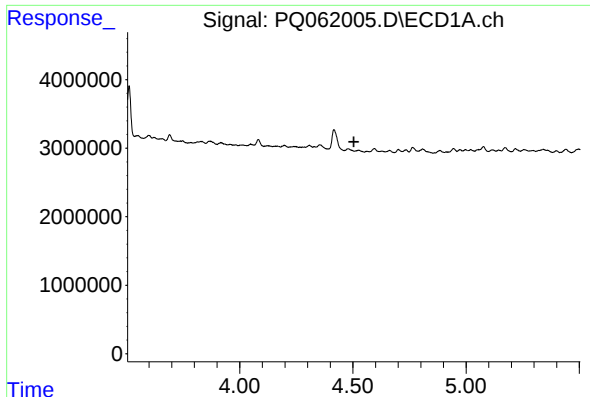
#20 AR-1242-5

R.T.: 5.398 min
Delta R.T.: 0.009 min
Response: 245876
Conc: 2.57 ng/ml



#20 AR-1242-5

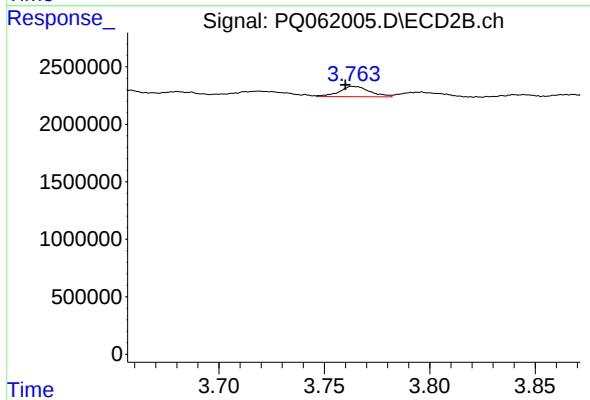
R.T.: 4.502 min
Delta R.T.: -0.014 min
Response: 242169
Conc: 2.92 ng/ml



#21 AR-1248-1

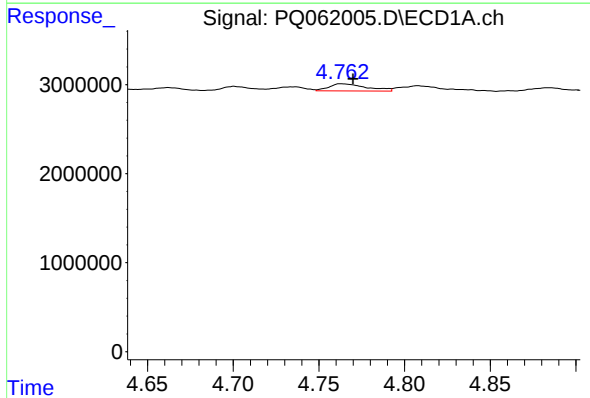
R.T.: 0.000 min
Exp R.T.: 4.505 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
001



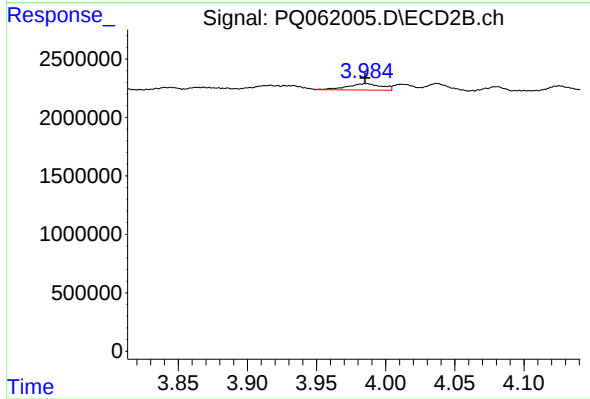
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.003 min
Response: 899973
Conc: 14.39 ng/ml



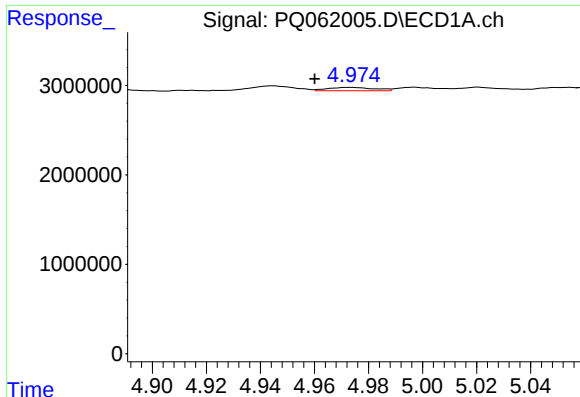
#22 AR-1248-2

R.T.: 4.763 min
Delta R.T.: -0.007 min
Response: 1217729
Conc: 8.48 ng/ml



#22 AR-1248-2

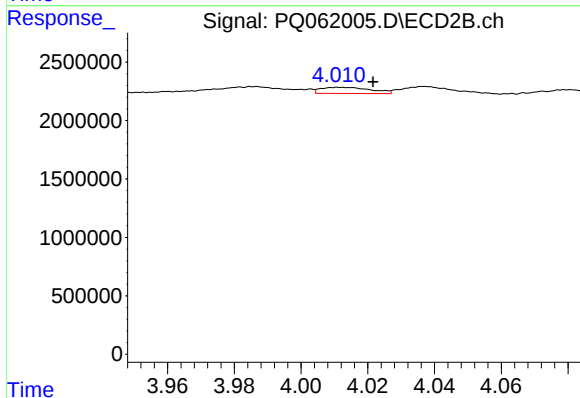
R.T.: 3.987 min
Delta R.T.: 0.002 min
Response: 953245
Conc: 10.17 ng/ml



#23 AR-1248-3

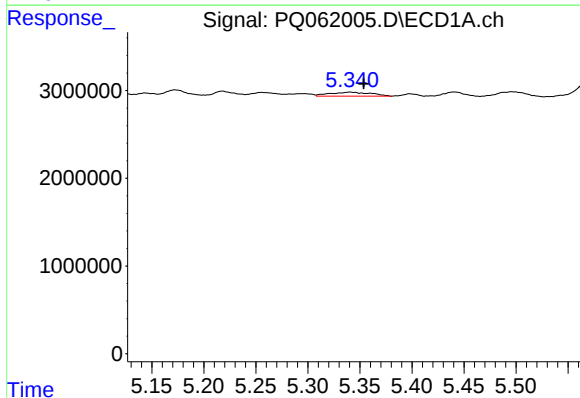
R.T.: 4.973 min
Delta R.T.: 0.013 min
Response: 449400
Conc: 2.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



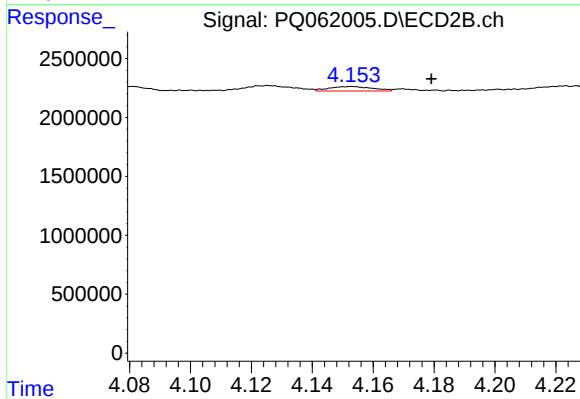
#23 AR-1248-3

R.T.: 4.011 min
Delta R.T.: -0.010 min
Response: 553968
Conc: 6.12 ng/ml



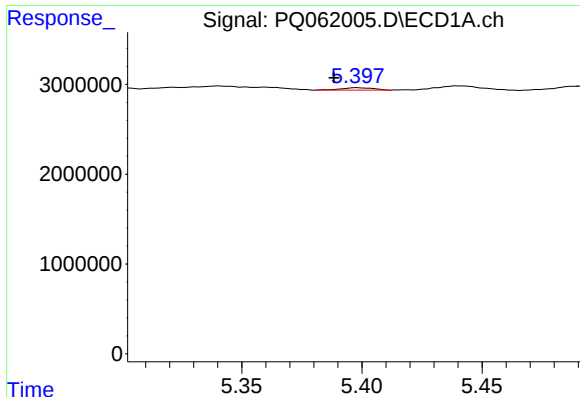
#24 AR-1248-4

R.T.: 5.340 min
Delta R.T.: -0.013 min
Response: 1228933
Conc: 6.40 ng/ml



#24 AR-1248-4

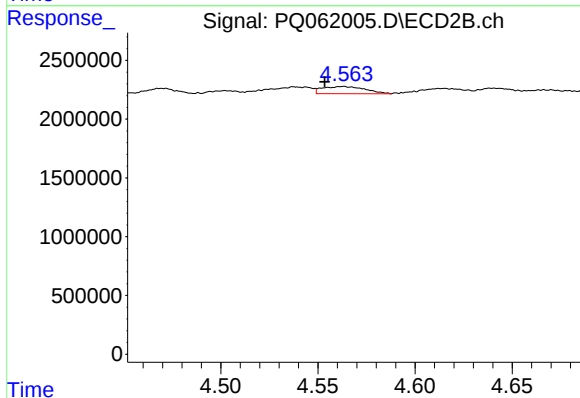
R.T.: 4.153 min
Delta R.T.: -0.026 min
Response: 381126
Conc: 3.38 ng/ml



#25 AR-1248-5

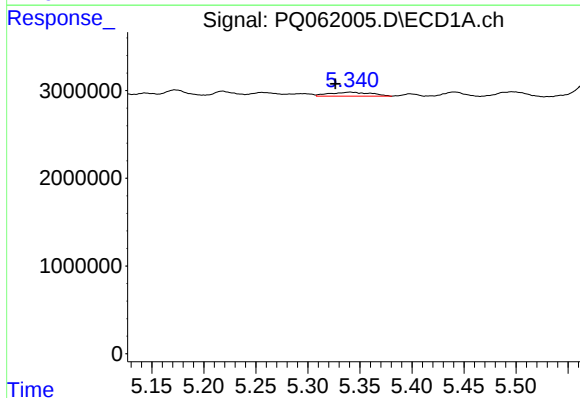
R.T.: 5.398 min
Delta R.T.: 0.009 min
Response: 245876
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



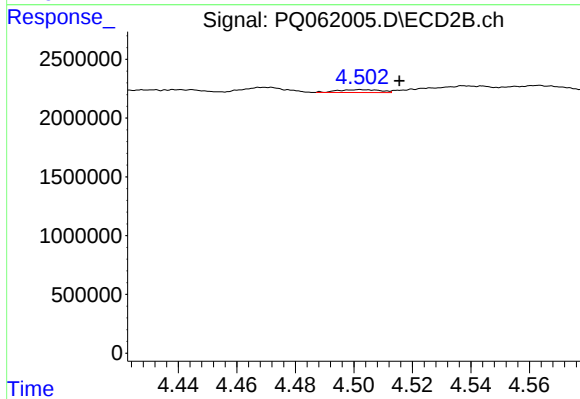
#25 AR-1248-5

R.T.: 4.563 min
Delta R.T.: 0.010 min
Response: 935196
Conc: 8.35 ng/ml



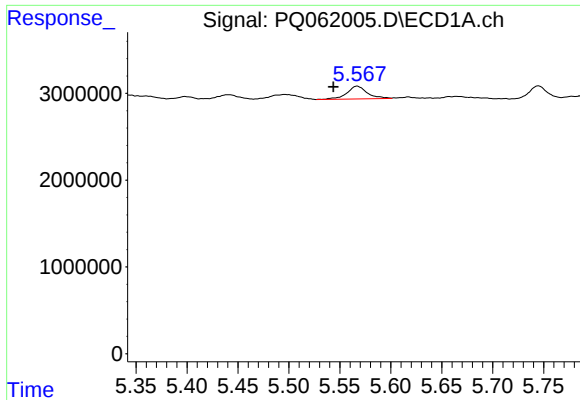
#26 AR-1254-1

R.T.: 5.340 min
Delta R.T.: 0.014 min
Response: 1228933
Conc: 6.61 ng/ml



#26 AR-1254-1

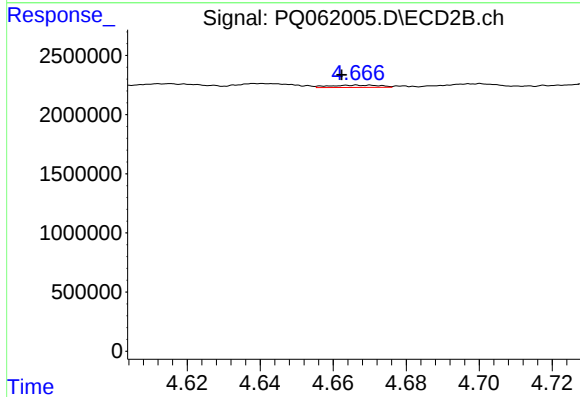
R.T.: 4.502 min
Delta R.T.: -0.013 min
Response: 242169
Conc: 1.50 ng/ml



#27 AR-1254-2

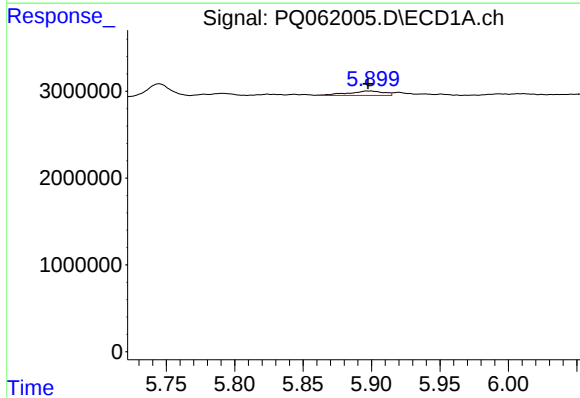
R.T.: 5.567 min
Delta R.T.: 0.023 min
Response: 2063884
Conc: 7.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



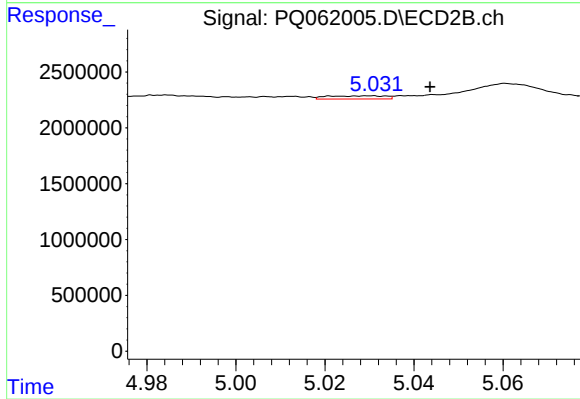
#27 AR-1254-2

R.T.: 4.667 min
Delta R.T.: 0.004 min
Response: 184109
Conc: 1.25 ng/ml



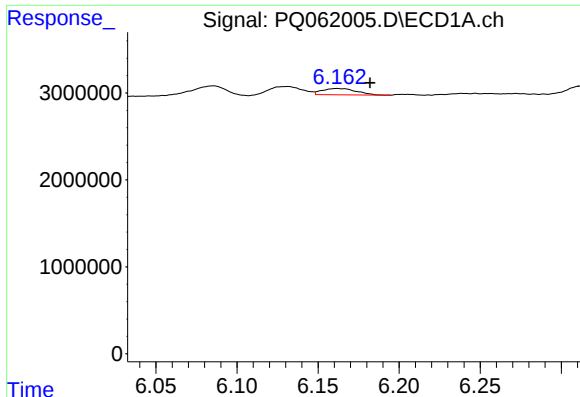
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 939154
Conc: 3.06 ng/ml



#28 AR-1254-3

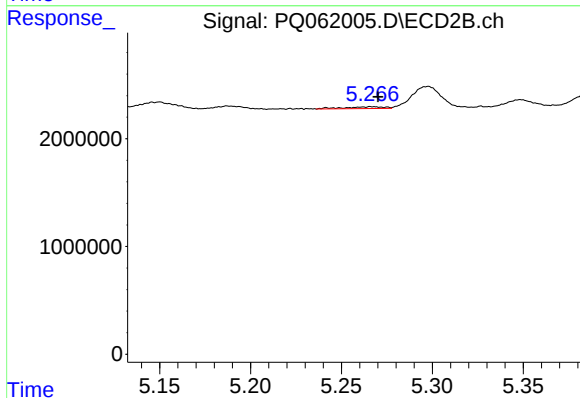
R.T.: 5.030 min
Delta R.T.: -0.013 min
Response: 260420
Conc: 1.11 ng/ml



#29 AR-1254-4

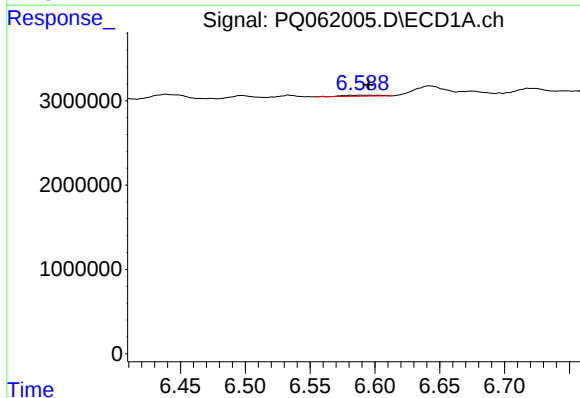
R.T.: 6.162 min
Delta R.T.: -0.020 min
Response: 1058237
Conc: 4.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



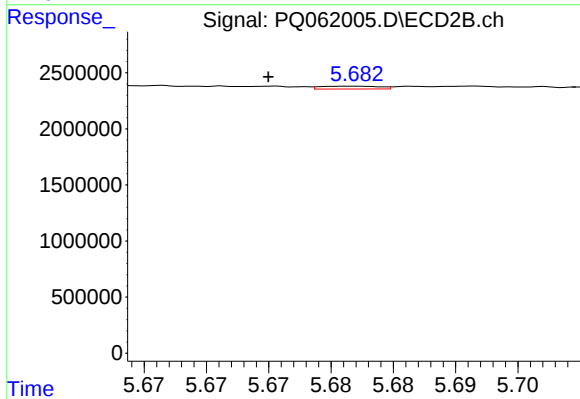
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 246539
Conc: 1.62 ng/ml



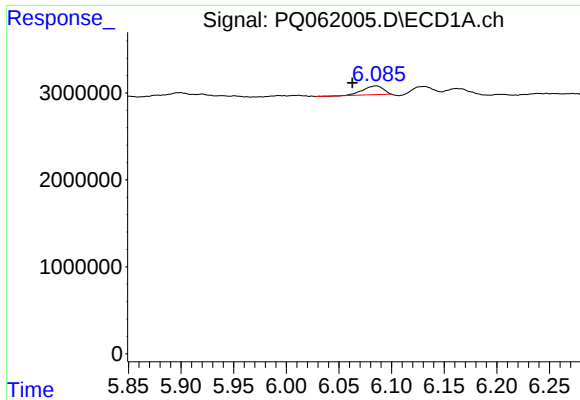
#30 AR-1254-5

R.T.: 6.589 min
Delta R.T.: -0.006 min
Response: 244254
Conc: 0.95 ng/ml



#30 AR-1254-5

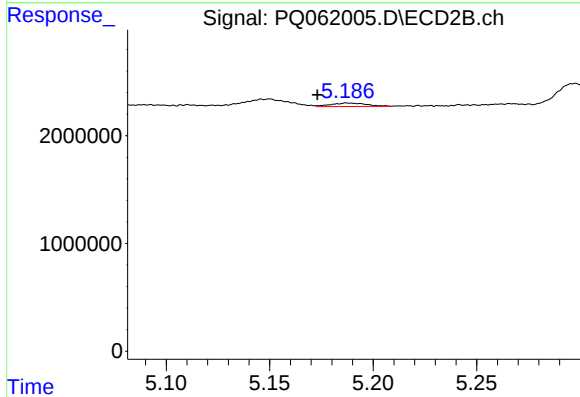
R.T.: 5.682 min
Delta R.T.: 0.007 min
Response: 82721
Conc: 0.36 ng/ml



#31 AR-1260-1

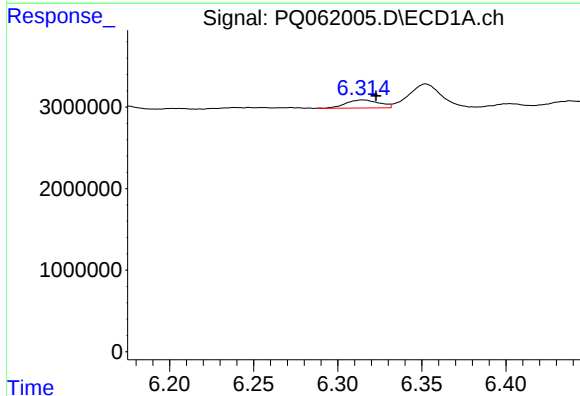
R.T.: 6.085 min
Delta R.T.: 0.023 min
Response: 1328090
Conc: 5.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



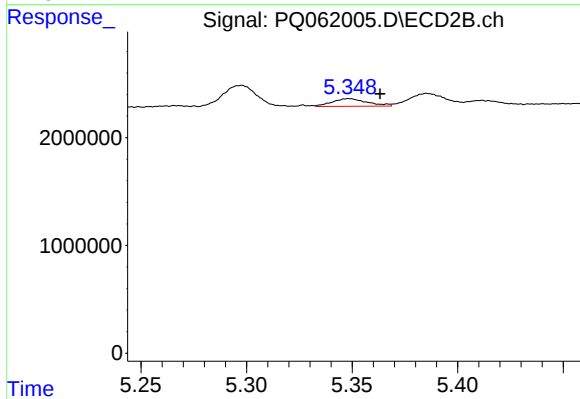
#31 AR-1260-1

R.T.: 5.187 min
Delta R.T.: 0.014 min
Response: 385386
Conc: 2.31 ng/ml



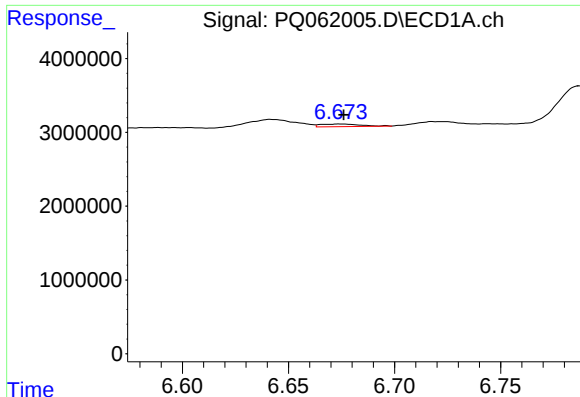
#32 AR-1260-2

R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 1389267
Conc: 4.81 ng/ml



#32 AR-1260-2

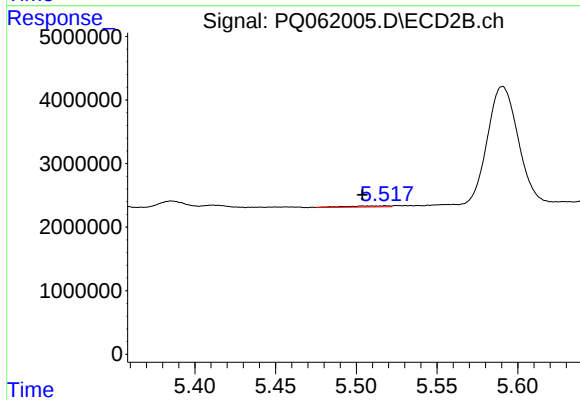
R.T.: 5.349 min
Delta R.T.: -0.015 min
Response: 811546
Conc: 3.90 ng/ml



#33 AR-1260-3

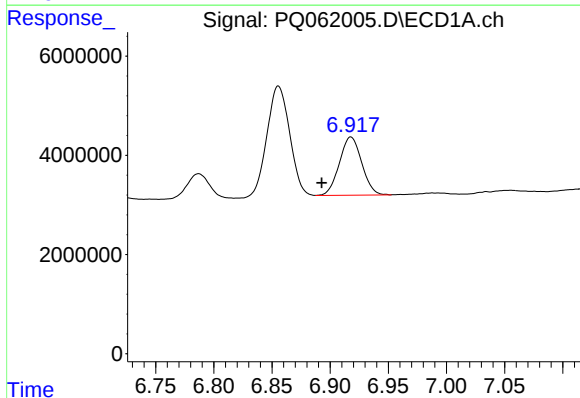
R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 472131
Conc: 2.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



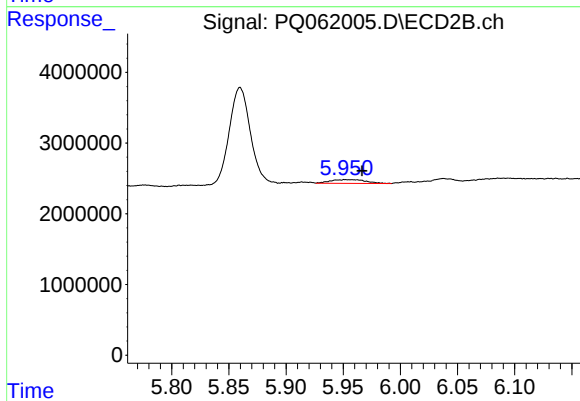
#33 AR-1260-3

R.T.: 5.518 min
Delta R.T.: 0.014 min
Response: 315917
Conc: 1.62 ng/ml



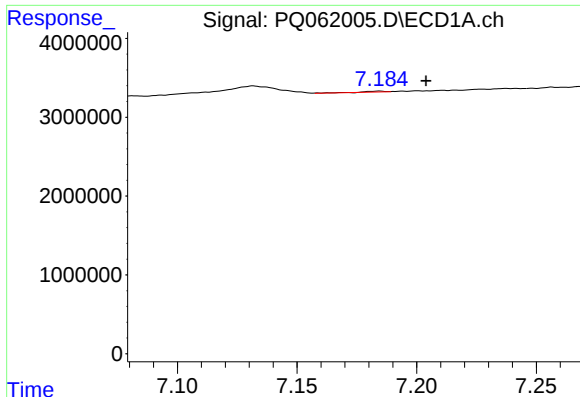
#34 AR-1260-4

R.T.: 6.918 min
Delta R.T.: 0.025 min
Response: 15741971
Conc: 74.73 ng/ml



#34 AR-1260-4

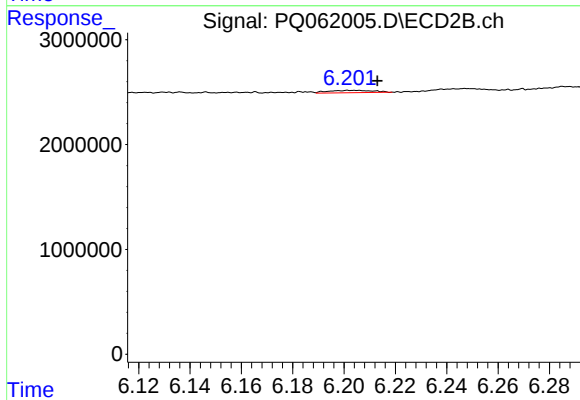
R.T.: 5.951 min
Delta R.T.: -0.015 min
Response: 1111925
Conc: 7.62 ng/ml



#35 AR-1260-5

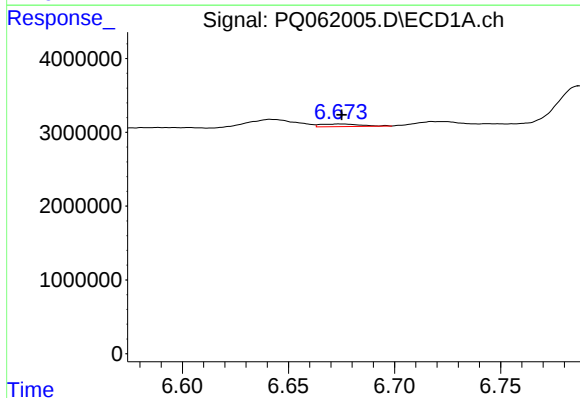
R.T.: 7.184 min
Delta R.T.: -0.020 min
Response: 66916
Conc: 0.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



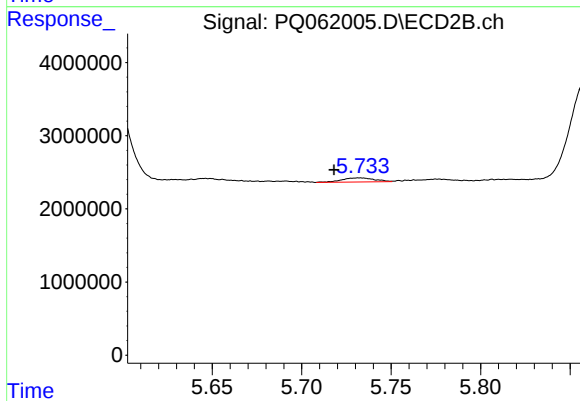
#35 AR-1260-5

R.T.: 6.202 min
Delta R.T.: -0.011 min
Response: 271062
Conc: 0.82 ng/ml



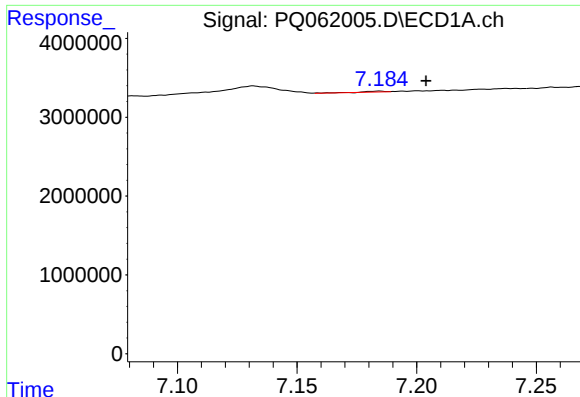
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 472131
Conc: 1.55 ng/ml



#36 AR-1262-1

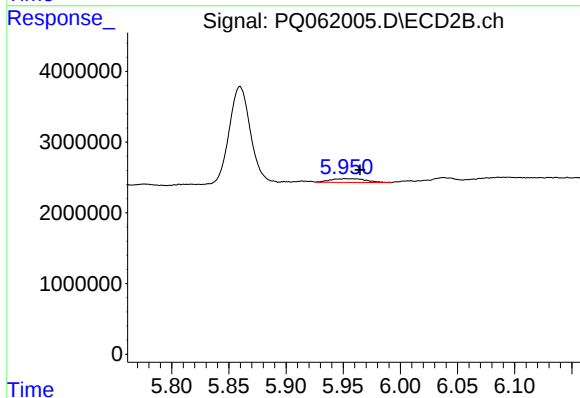
R.T.: 5.732 min
Delta R.T.: 0.014 min
Response: 710734
Conc: 3.06 ng/ml



#37 AR-1262-2

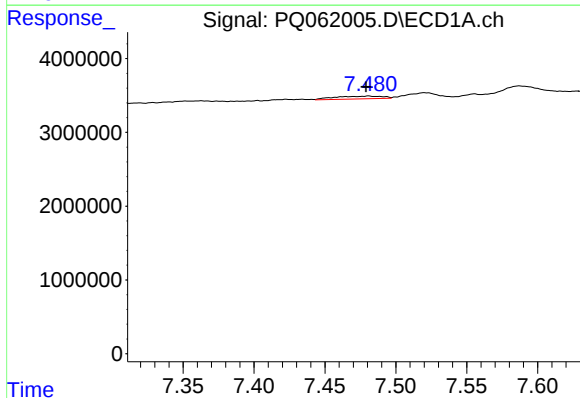
R.T.: 7.184 min
Delta R.T.: -0.020 min
Response: 66916
Conc: 0.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



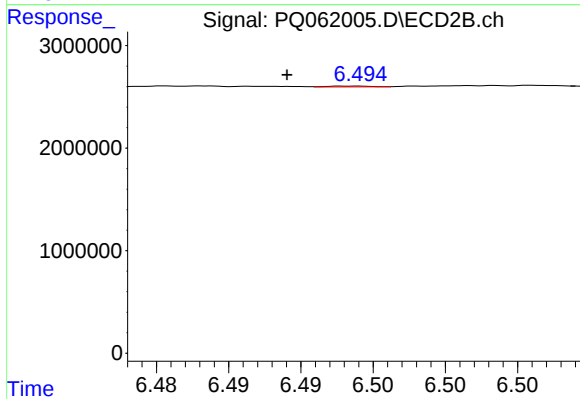
#37 AR-1262-2

R.T.: 5.951 min
Delta R.T.: -0.013 min
Response: 1111925
Conc: 5.14 ng/ml



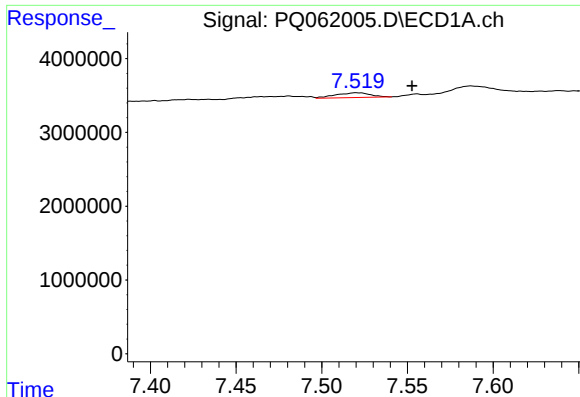
#38 AR-1262-3

R.T.: 7.481 min
Delta R.T.: 0.002 min
Response: 856340
Conc: 2.43 ng/ml



#38 AR-1262-3

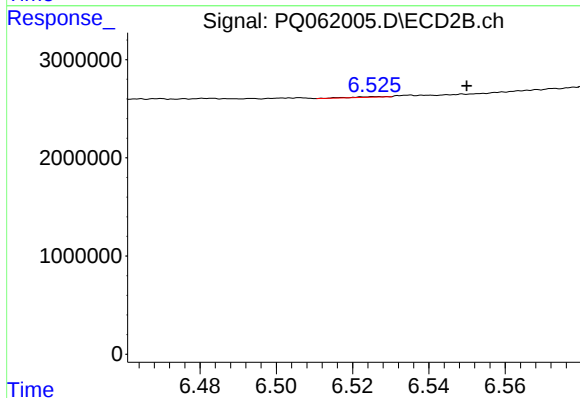
R.T.: 6.494 min
Delta R.T.: 0.005 min
Response: 17637
Conc: 0.10 ng/ml



#39 AR-1262-4

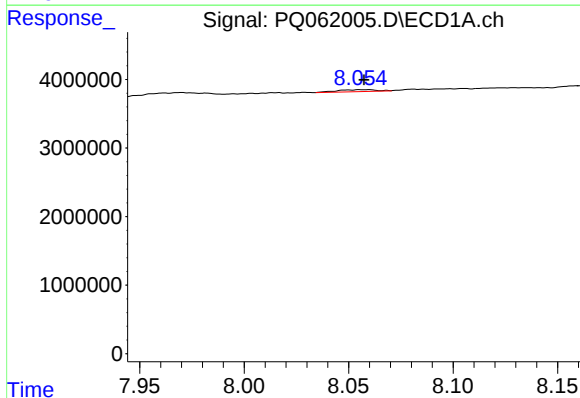
R.T.: 7.520 min
Delta R.T.: -0.032 min
Response: 898406
Conc: 3.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



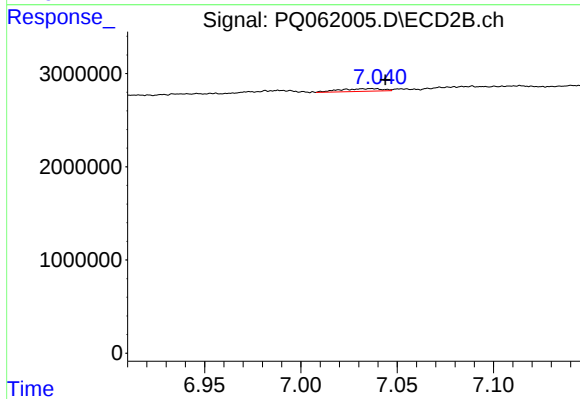
#39 AR-1262-4

R.T.: 6.526 min
Delta R.T.: -0.023 min
Response: 39986
Conc: 0.12 ng/ml



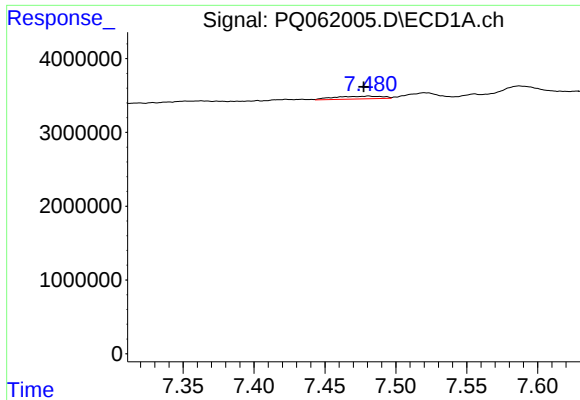
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 366048
Conc: 2.06 ng/ml



#40 AR-1262-5

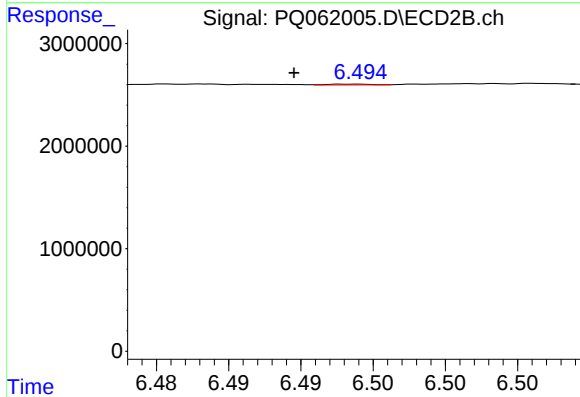
R.T.: 7.036 min
Delta R.T.: -0.008 min
Response: 435847
Conc: 2.81 ng/ml



#41 AR-1268-1

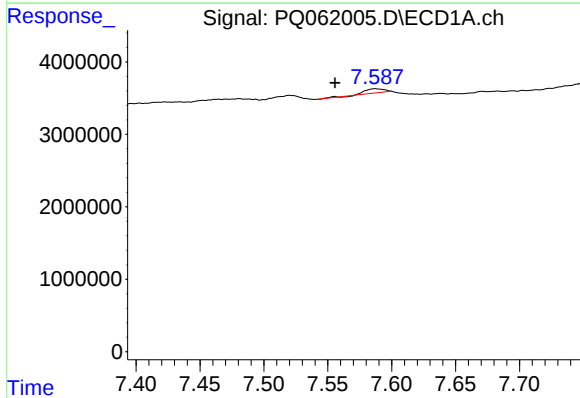
R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 856340
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



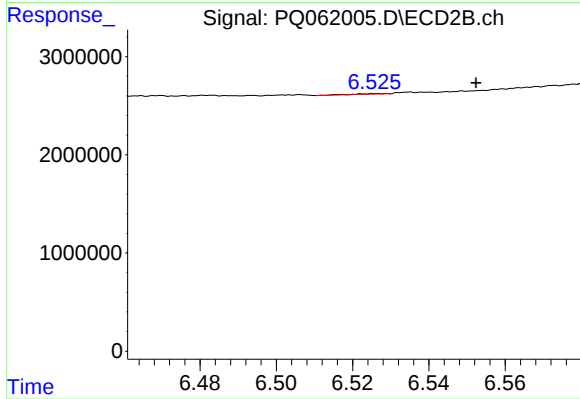
#41 AR-1268-1

R.T.: 6.494 min
Delta R.T.: 0.004 min
Response: 17637
Conc: 0.04 ng/ml



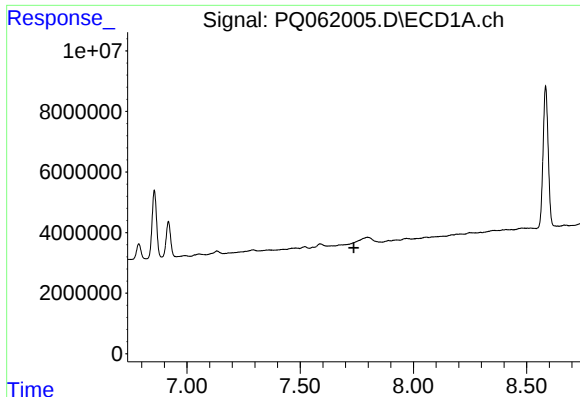
#42 AR-1268-2

R.T.: 7.587 min
Delta R.T.: 0.031 min
Response: 639801
Conc: 1.25 ng/ml



#42 AR-1268-2

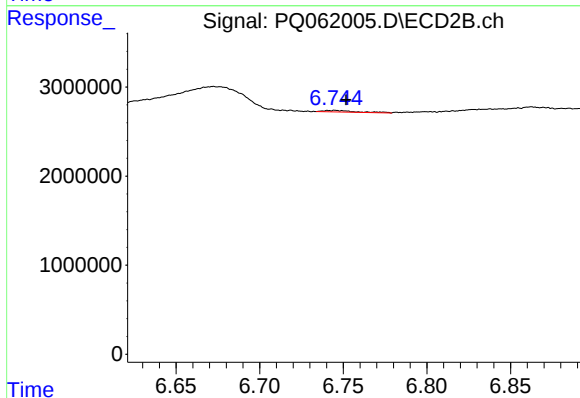
R.T.: 6.526 min
Delta R.T.: -0.026 min
Response: 39986
Conc: 0.09 ng/ml



#43 AR-1268-3

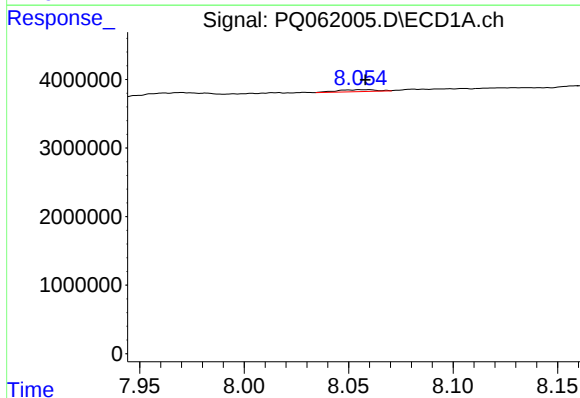
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
001



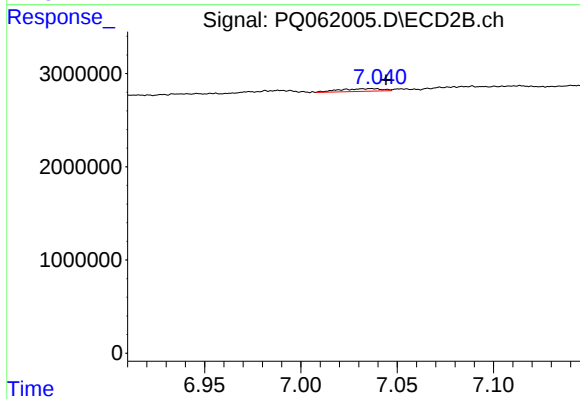
#43 AR-1268-3

R.T.: 6.745 min
Delta R.T.: -0.007 min
Response: 223082
Conc: 0.61 ng/ml



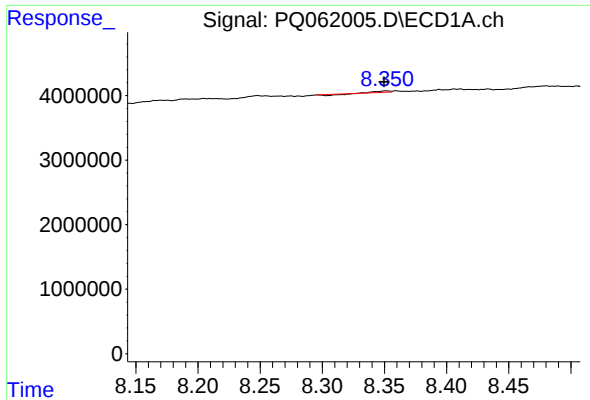
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 366048
Conc: 2.00 ng/ml



#44 AR-1268-4

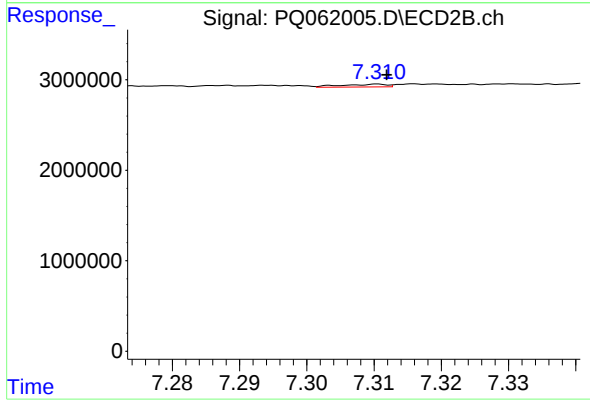
R.T.: 7.036 min
Delta R.T.: -0.008 min
Response: 435847
Conc: 2.73 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: 16302
Conc: 0.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
001



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: -0.001 min
Response: 141348
Conc: 0.12 ng/ml