

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2023 13:47
 Operator : YP\AJ
 Sample : PB154219BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:19:52 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...	3.405	2.758	94111031	61105530	19.292	24.354 #
2)	SA Decachlor...	8.586	7.528	67071462	69888836	18.463	20.974
Target Compounds							
3)	L1 AR-1016-1	4.467f	3.754	74114	50161	0.450	0.507
5)	L1 AR-1016-3	4.574	3.940	65104	95445	0.427	1.265 #
6)	L1 AR-1016-4	4.678	4.000	129615	99903	1.034	1.521 #
7)	L1 AR-1016-5	0.000	4.180	0	362901	N.D.	4.427 #
8)	L2 AR-1221-1	3.557f	2.977	101180	146730	1.683	4.447 #
9)	L2 AR-1221-2	3.682	3.026	1436638	932894	31.973	36.728
10)	L2 AR-1221-3	3.744	3.109	1386616	60415	9.868	0.784 #
11)	L3 AR-1232-1	3.744	3.109	1386616	60415	13.131	1.054 #
12)	L3 AR-1232-2	4.241	3.792	59030	82437	0.998	1.239
14)	L3 AR-1232-4	4.678	4.012	129615	192386	2.287	6.469 #
15)	L3 AR-1232-5	4.775	4.180	267329	362901	6.675	10.176 #
16)	L4 AR-1242-1	4.467f	3.754	74114	50161	0.567	0.649
18)	L4 AR-1242-3	4.574	3.940	65104	95445	0.539	1.629 #
19)	L4 AR-1242-4	4.678	4.012	129615	192386	1.330	3.281 #
20)	L4 AR-1242-5	0.000	4.517	0	241315	N.D.	2.911 #
21)	L5 AR-1248-1	4.467f	3.754	74114	50161	0.713	0.802
22)	L5 AR-1248-2	4.775	4.000	267329	99903	1.861	1.065 #
23)	L5 AR-1248-3	0.000	4.012	0	192386	N.D.	2.125 #
24)	L5 AR-1248-4	5.333	4.180	956783	362901	4.985	3.216 #
25)	L5 AR-1248-5	0.000	4.548	0	322144	N.D.	2.875 #
26)	L6 AR-1254-1	5.333	4.517	956783	241315	5.149	1.495 #
27)	L6 AR-1254-2	5.552	4.674	789586	754943	2.716	5.128 #
28)	L6 AR-1254-3	5.906	5.052	66991	551813	0.218	2.361 #
29)	L6 AR-1254-4	6.161	5.290	196956	718187	0.848	4.712 #
30)	L6 AR-1254-5	0.000	5.648f	0	1750907	N.D.	7.586 #
31)	L7 AR-1260-1	6.084	5.179	241475	169056	1.023	1.015
32)	L7 AR-1260-2	0.000	5.365	0	1133597	N.D.	5.451 #
33)	L7 AR-1260-3	6.693	5.494	195482	2909051	1.107	14.952 #
34)	L7 AR-1260-4	6.878	5.921f	99949	642155	0.474	4.403 #
35)	L7 AR-1260-5	0.000	6.215	0	923358	N.D.	2.781 #
36)	L8 AR-1262-1	6.693	5.748f	195482	318372	0.641	1.370 #
37)	L8 AR-1262-2	0.000	5.921f	0	642155	N.D.	2.970 #
38)	L8 AR-1262-3	7.442f	0.000	328819	0	0.933	N.D. #
39)	L8 AR-1262-4	0.000	6.545	0	289121	N.D.	0.897 #
41)	L9 AR-1268-1	7.442f	0.000	328819	0	0.579	N.D. #
42)	L9 AR-1268-2	0.000	6.545	0	289121	N.D.	0.682 #
43)	L9 AR-1268-3	7.713	6.753	119809	1819919	0.281	4.941 #
45)	L9 AR-1268-5	8.356	7.312	694994	561587	0.551	0.481

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Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
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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
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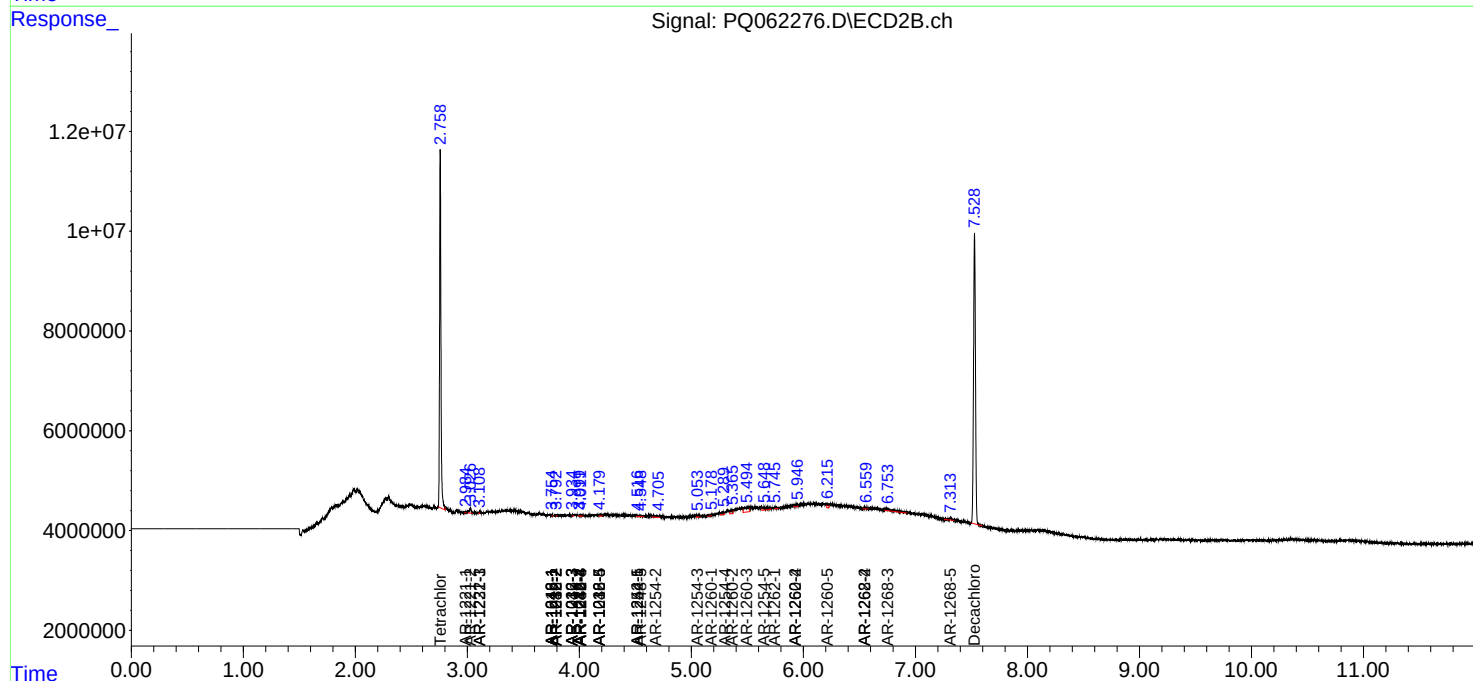
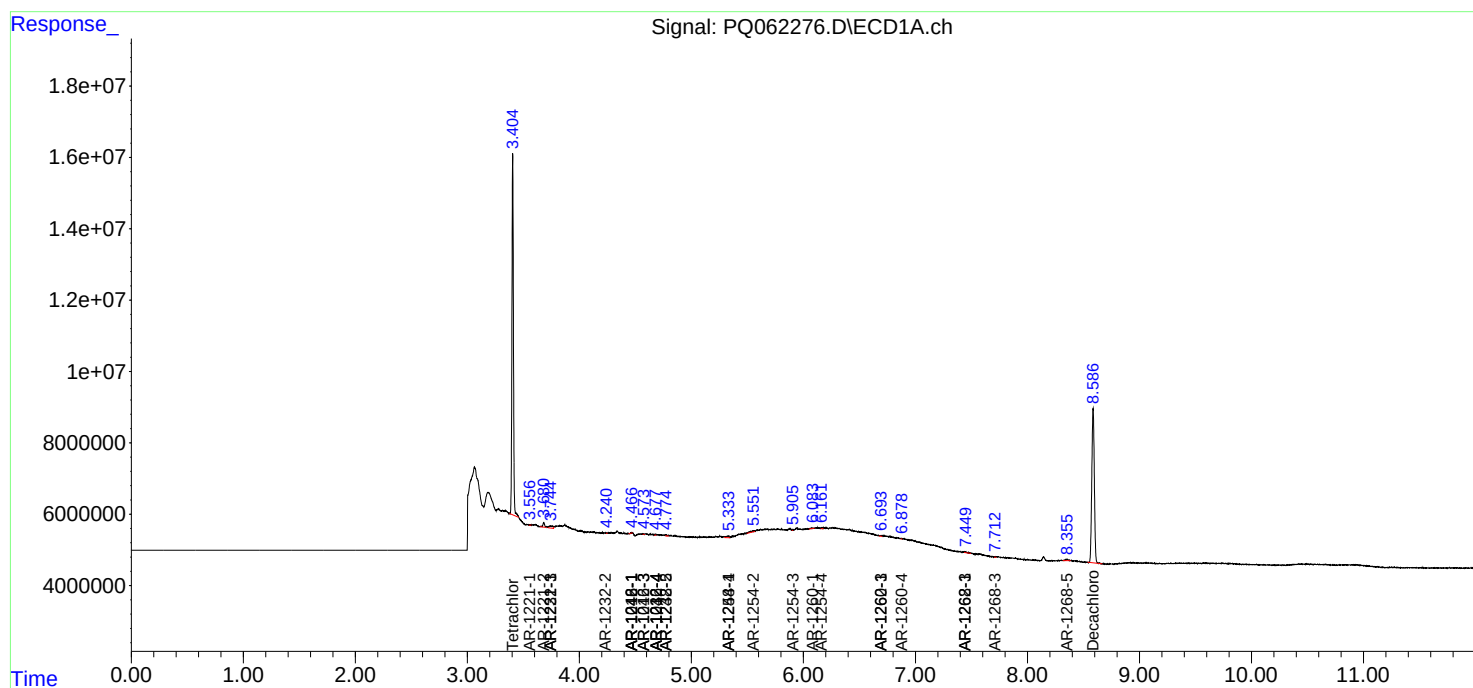
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

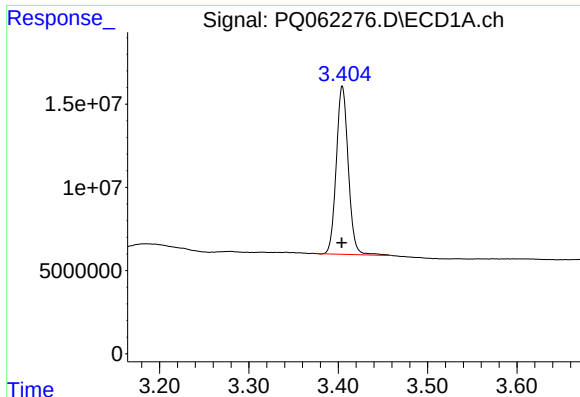
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
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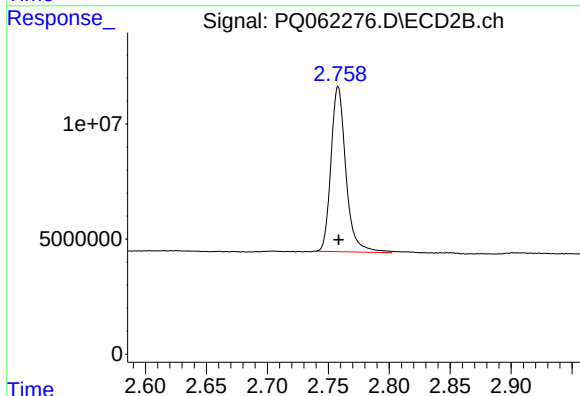




#1 Tetrachloro-m-xylene

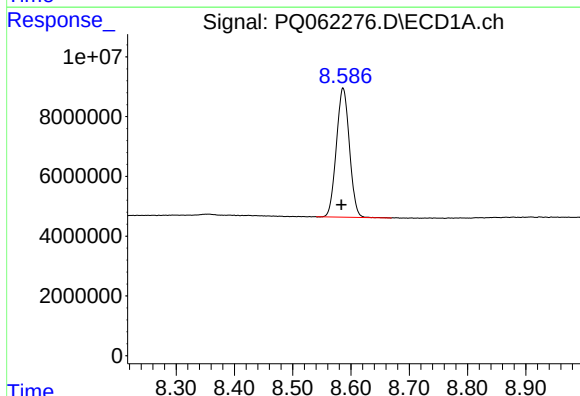
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 94111031
Conc: 19.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



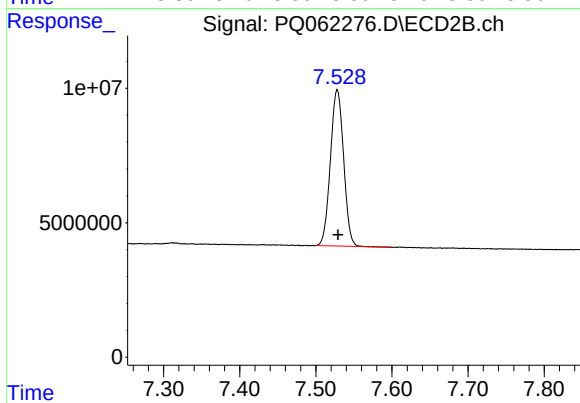
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 61105530
Conc: 24.35 ng/ml



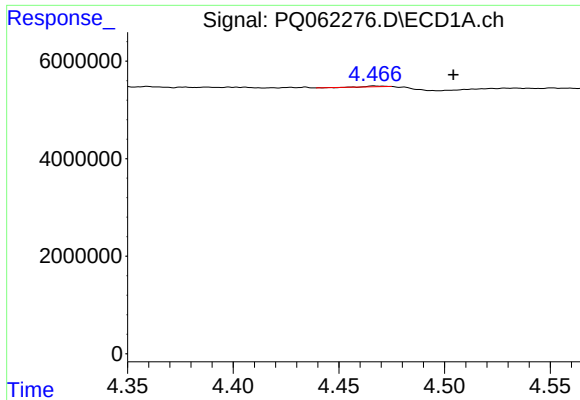
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.003 min
Response: 67071462
Conc: 18.46 ng/ml



#2 Decachlorobiphenyl

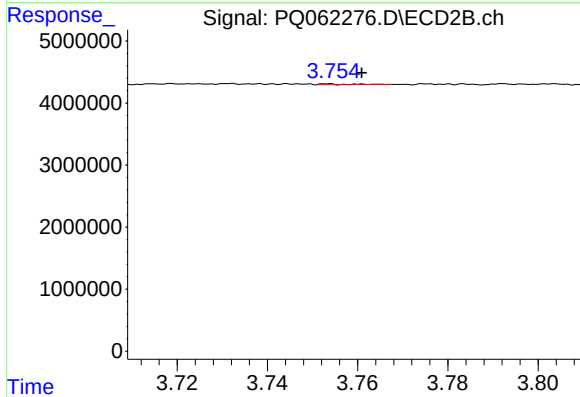
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 69888836
Conc: 20.97 ng/ml



#3 AR-1016-1

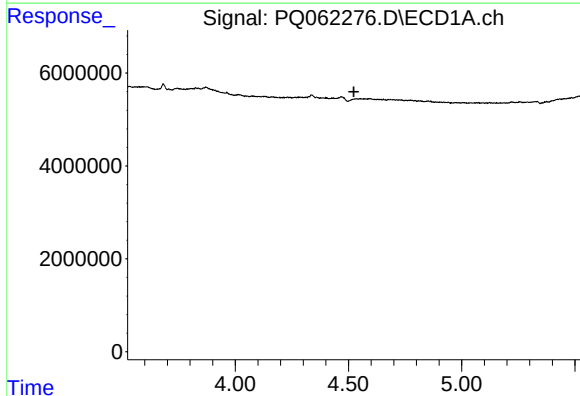
R.T.: 4.467 min
Delta R.T.: -0.038 min
Response: 74114
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



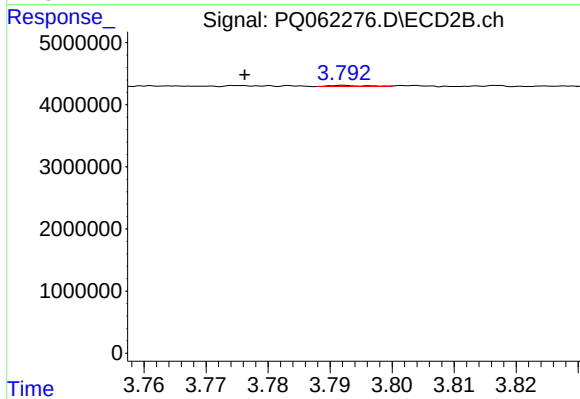
#3 AR-1016-1

R.T.: 3.754 min
Delta R.T.: -0.007 min
Response: 50161
Conc: 0.51 ng/ml



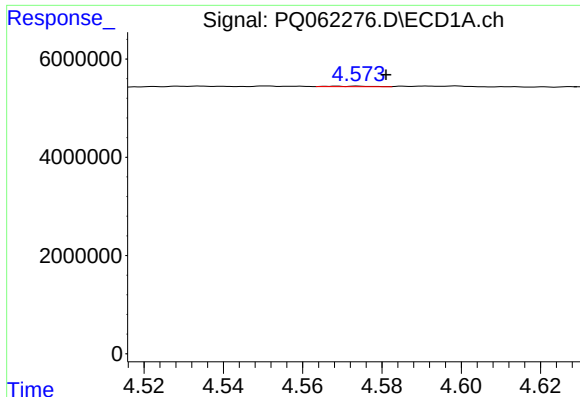
#4 AR-1016-2

R.T.: 4.551 min
Delta R.T.: 0.027 min
Response: -786718
Conc: N.D.



#4 AR-1016-2

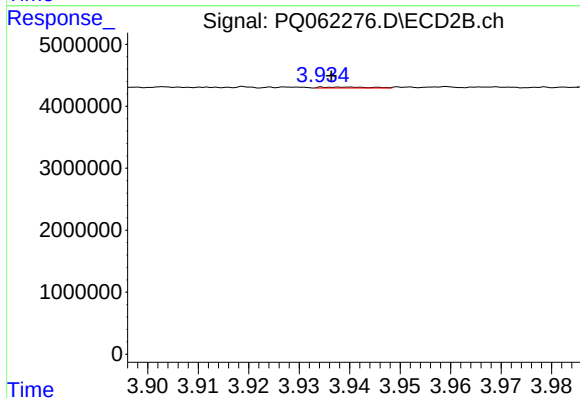
R.T.: 3.792 min
Delta R.T.: 0.016 min
Response: 82437
Conc: 0.57 ng/ml



#5 AR-1016-3

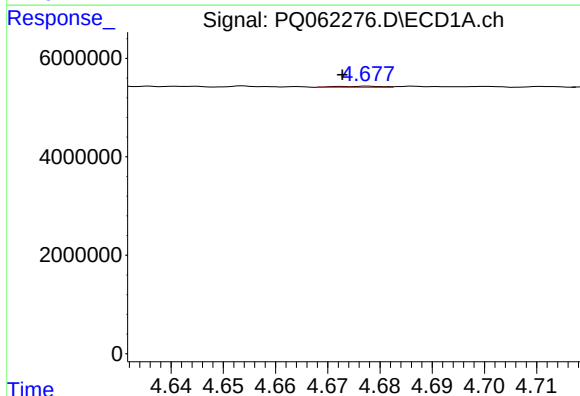
R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 65104
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



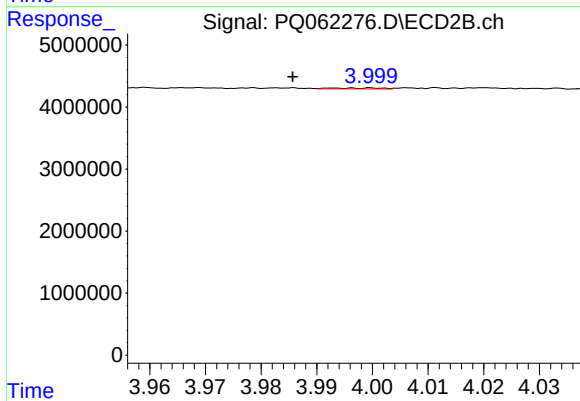
#5 AR-1016-3

R.T.: 3.940 min
Delta R.T.: 0.003 min
Response: 95445
Conc: 1.27 ng/ml



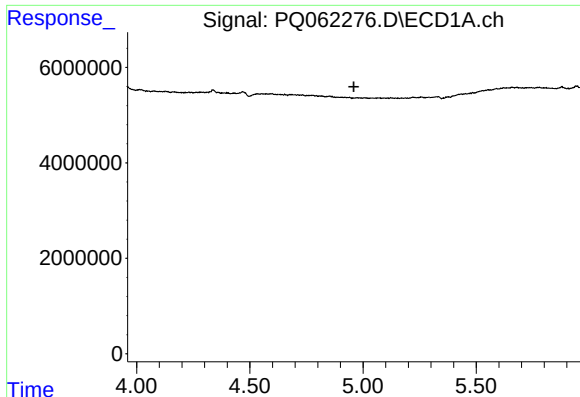
#6 AR-1016-4

R.T.: 4.678 min
Delta R.T.: 0.005 min
Response: 129615
Conc: 1.03 ng/ml



#6 AR-1016-4

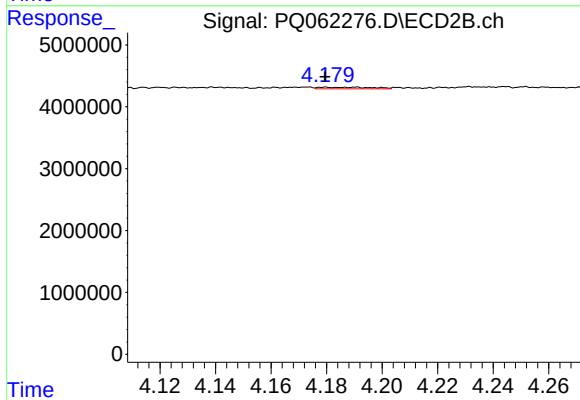
R.T.: 4.000 min
Delta R.T.: 0.014 min
Response: 99903
Conc: 1.52 ng/ml



#7 AR-1016-5

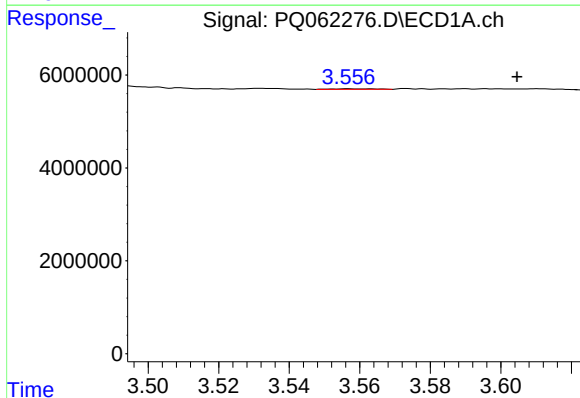
R.T.: 0.000 min
Exp R.T.: 4.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



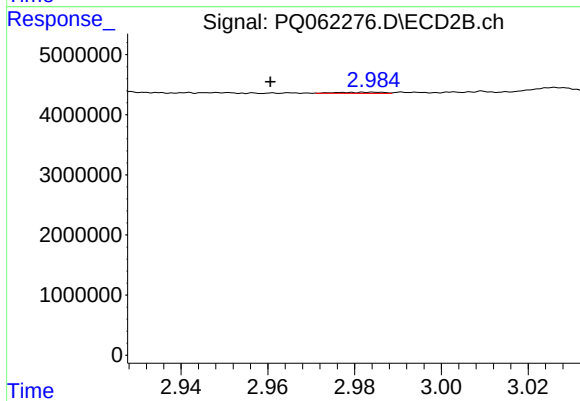
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 362901
Conc: 4.43 ng/ml



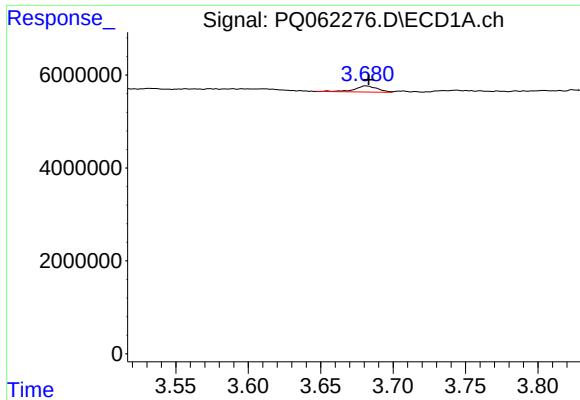
#8 AR-1221-1

R.T.: 3.557 min
Delta R.T.: -0.048 min
Response: 101180
Conc: 1.68 ng/ml



#8 AR-1221-1

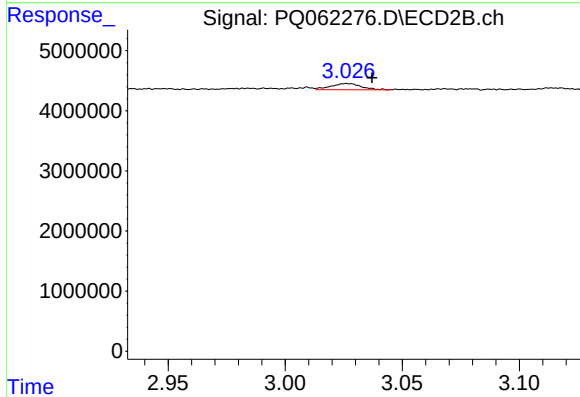
R.T.: 2.977 min
Delta R.T.: 0.017 min
Response: 146730
Conc: 4.45 ng/ml



#9 AR-1221-2

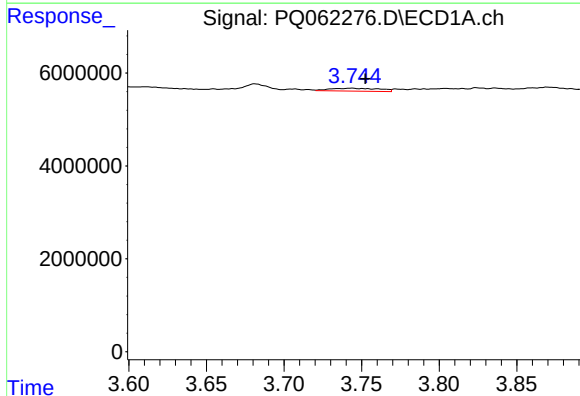
R.T.: 3.682 min
Delta R.T.: -0.002 min
Response: 1436638
Conc: 31.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



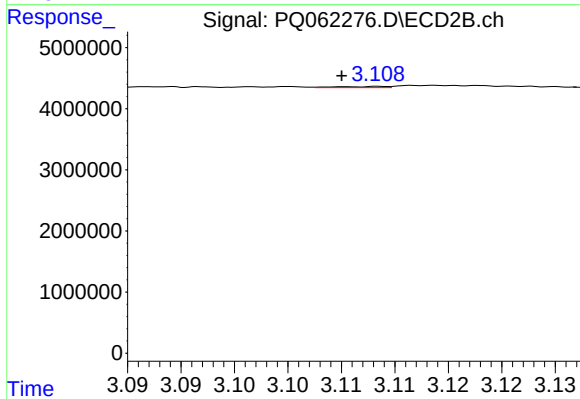
#9 AR-1221-2

R.T.: 3.026 min
Delta R.T.: -0.011 min
Response: 932894
Conc: 36.73 ng/ml



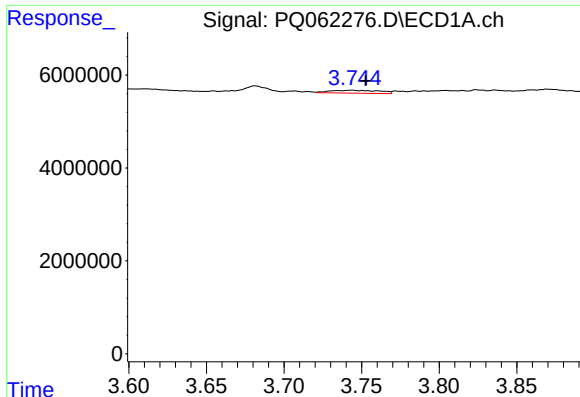
#10 AR-1221-3

R.T.: 3.744 min
Delta R.T.: -0.009 min
Response: 1386616
Conc: 9.87 ng/ml



#10 AR-1221-3

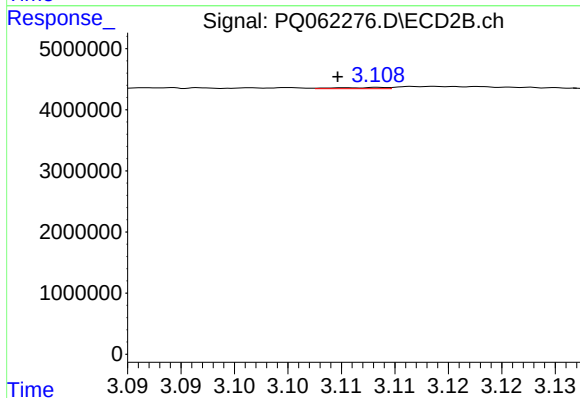
R.T.: 3.109 min
Delta R.T.: 0.004 min
Response: 60415
Conc: 0.78 ng/ml



#11 AR-1232-1

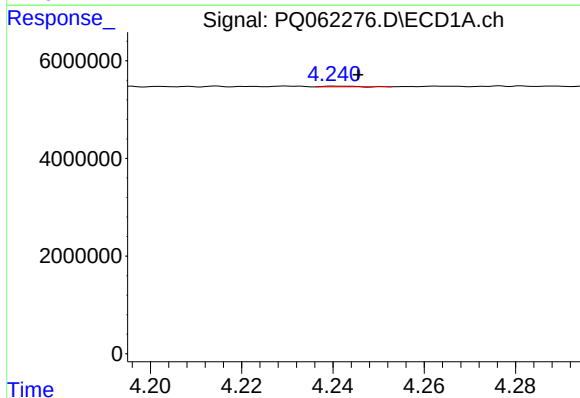
R.T.: 3.744 min
Delta R.T.: -0.009 min
Response: 1386616
Conc: 13.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



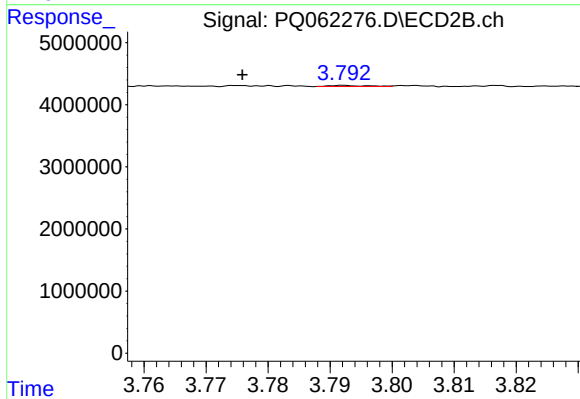
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: 0.004 min
Response: 60415
Conc: 1.05 ng/ml



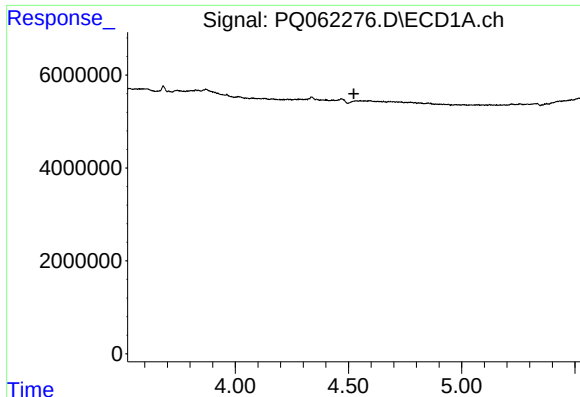
#12 AR-1232-2

R.T.: 4.241 min
Delta R.T.: -0.004 min
Response: 59030
Conc: 1.00 ng/ml



#12 AR-1232-2

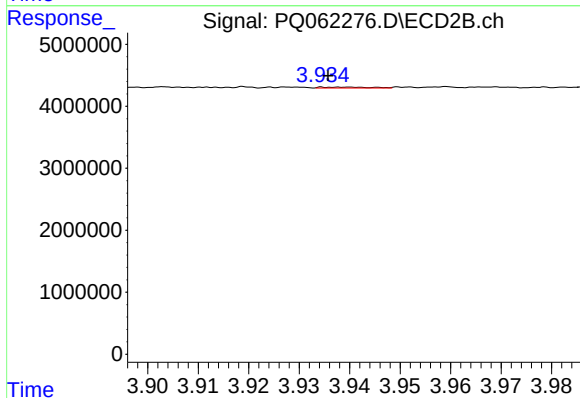
R.T.: 3.792 min
Delta R.T.: 0.016 min
Response: 82437
Conc: 1.24 ng/ml



#13 AR-1232-3

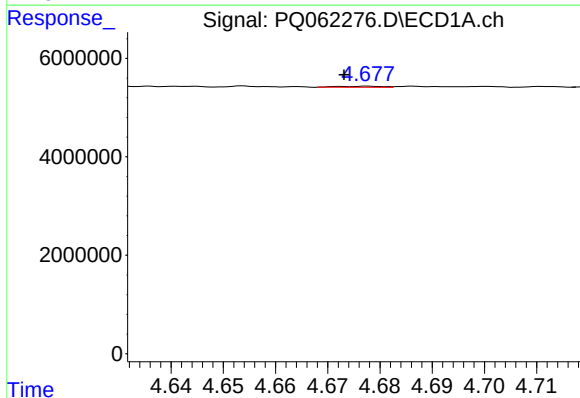
R.T.: 4.551 min
Delta R.T.: 0.027 min
Response: -786718
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



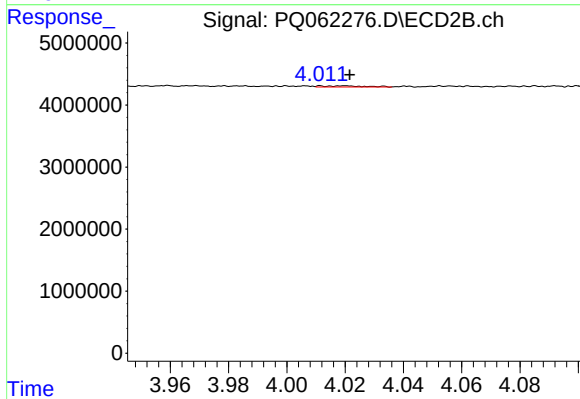
#13 AR-1232-3

R.T.: 3.940 min
Delta R.T.: 0.004 min
Response: 95445
Conc: 2.76 ng/ml



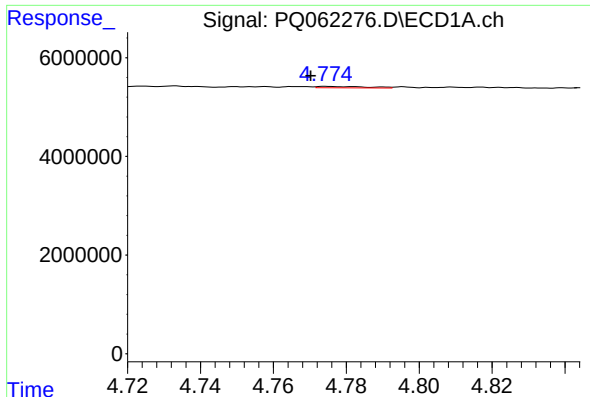
#14 AR-1232-4

R.T.: 4.678 min
Delta R.T.: 0.005 min
Response: 129615
Conc: 2.29 ng/ml



#14 AR-1232-4

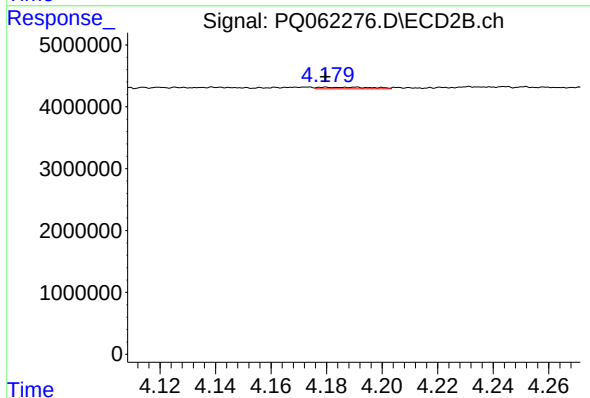
R.T.: 4.012 min
Delta R.T.: -0.010 min
Response: 192386
Conc: 6.47 ng/ml



#15 AR-1232-5

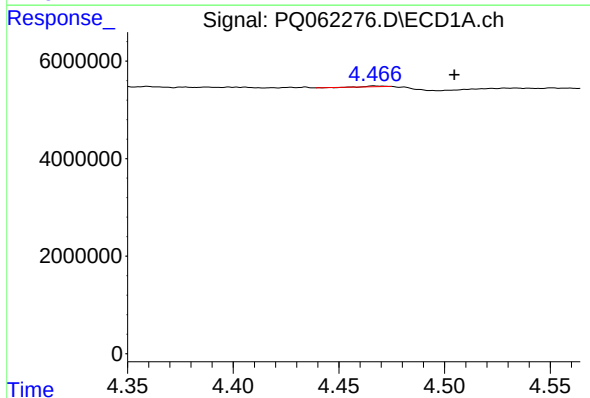
R.T.: 4.775 min
Delta R.T.: 0.004 min
Response: 267329
Conc: 6.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



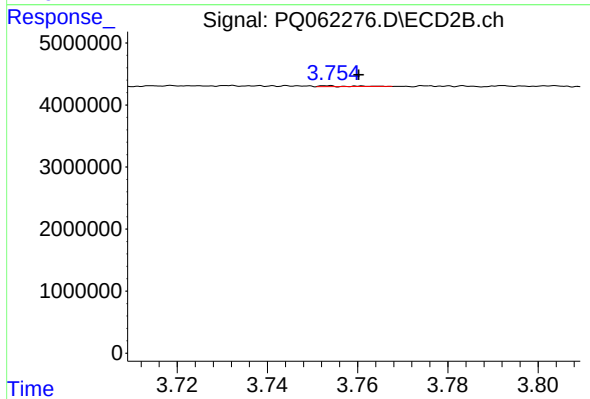
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 362901
Conc: 10.18 ng/ml



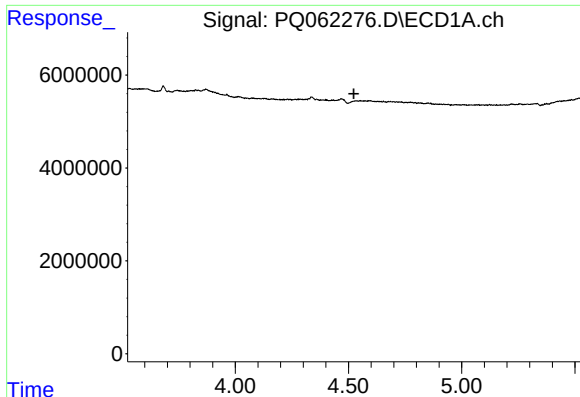
#16 AR-1242-1

R.T.: 4.467 min
Delta R.T.: -0.038 min
Response: 74114
Conc: 0.57 ng/ml



#16 AR-1242-1

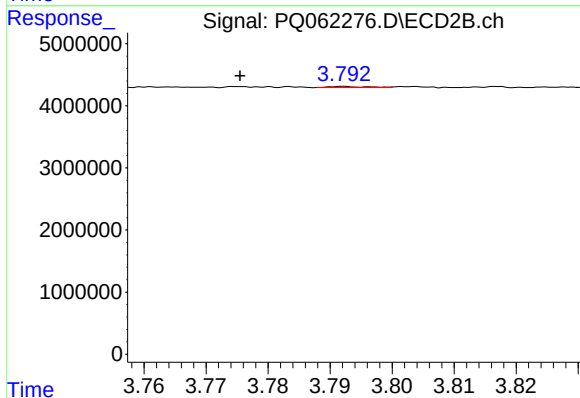
R.T.: 3.754 min
Delta R.T.: -0.007 min
Response: 50161
Conc: 0.65 ng/ml



#17 AR-1242-2

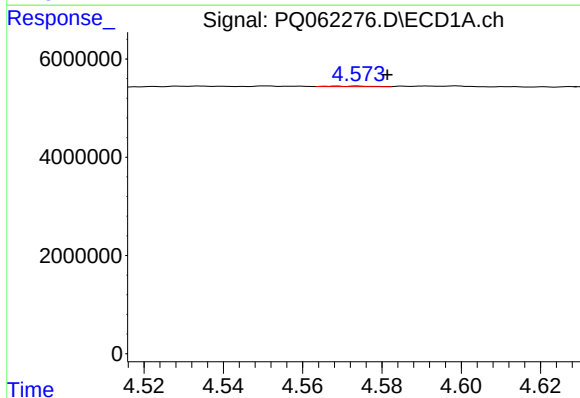
R.T.: 4.551 min
Delta R.T.: 0.027 min
Response: -786718
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



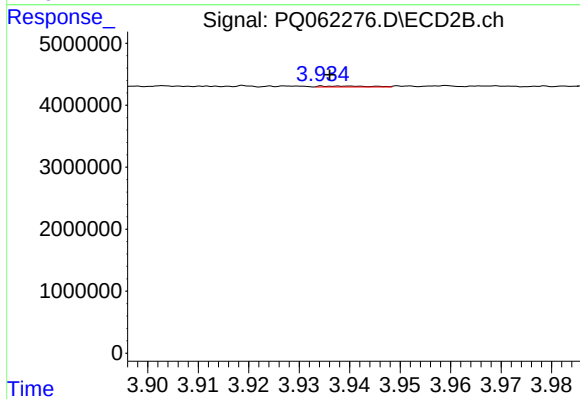
#17 AR-1242-2

R.T.: 3.792 min
Delta R.T.: 0.017 min
Response: 82437
Conc: 0.74 ng/ml



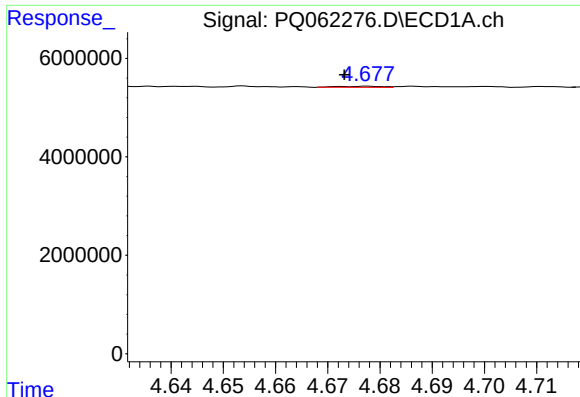
#18 AR-1242-3

R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 65104
Conc: 0.54 ng/ml



#18 AR-1242-3

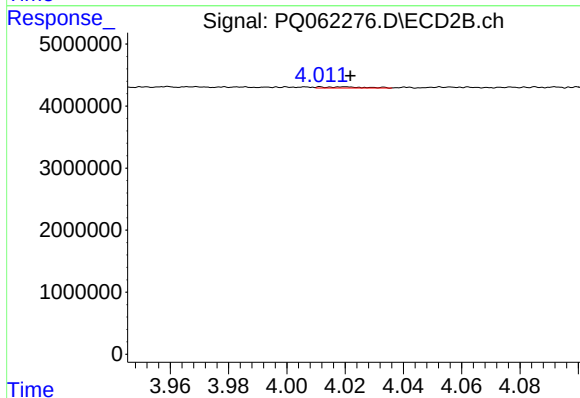
R.T.: 3.940 min
Delta R.T.: 0.004 min
Response: 95445
Conc: 1.63 ng/ml



#19 AR-1242-4

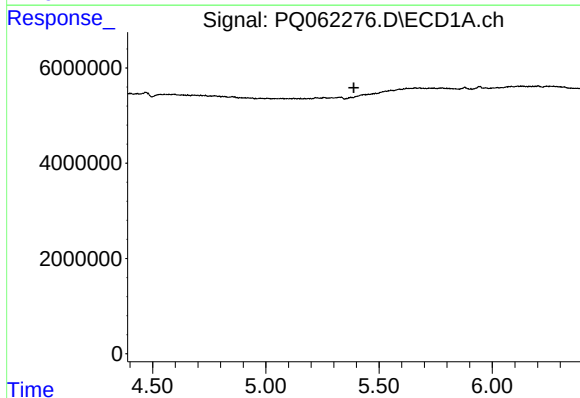
R.T.: 4.678 min
Delta R.T.: 0.004 min
Response: 129615
Conc: 1.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



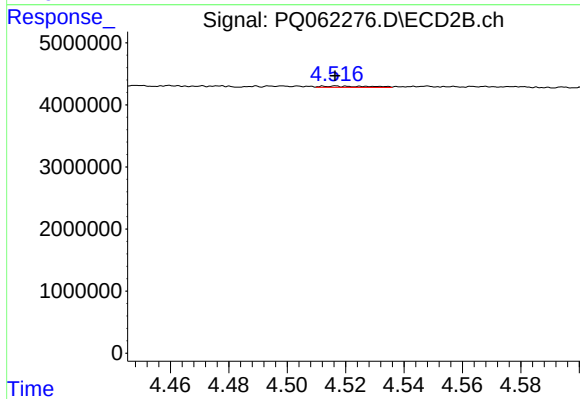
#19 AR-1242-4

R.T.: 4.012 min
Delta R.T.: -0.010 min
Response: 192386
Conc: 3.28 ng/ml



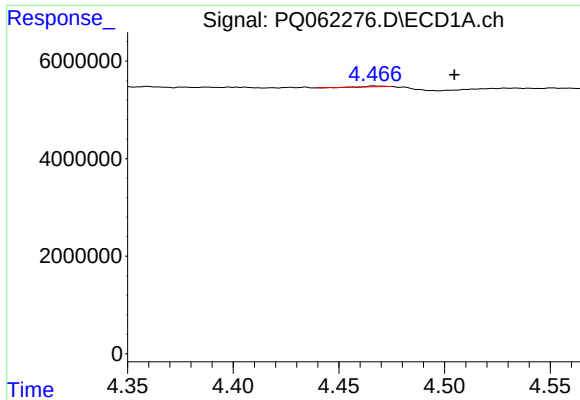
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



#20 AR-1242-5

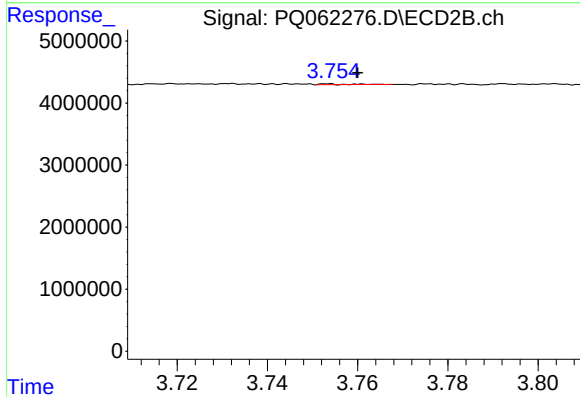
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 241315
Conc: 2.91 ng/ml



#21 AR-1248-1

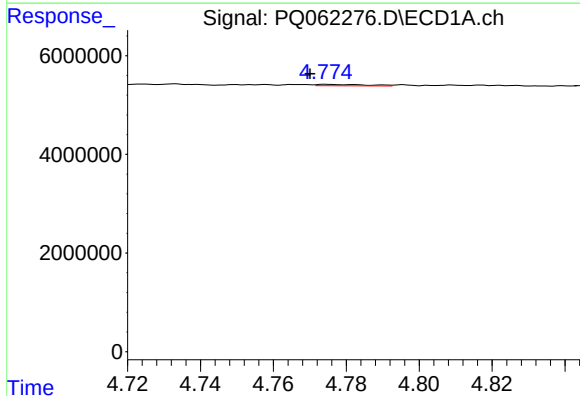
R.T.: 4.467 min
Delta R.T.: -0.038 min
Response: 74114
Conc: 0.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



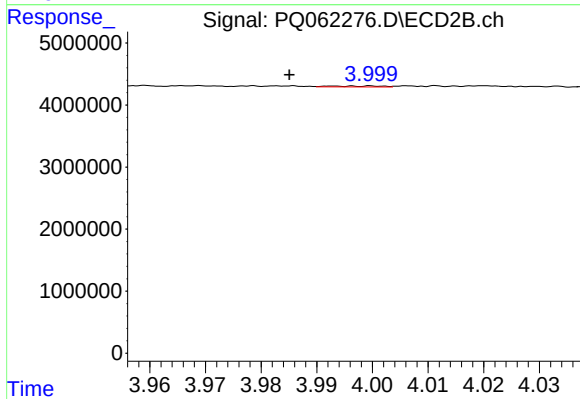
#21 AR-1248-1

R.T.: 3.754 min
Delta R.T.: -0.006 min
Response: 50161
Conc: 0.80 ng/ml



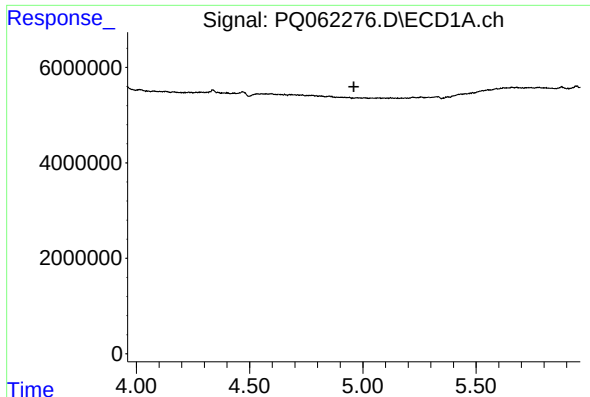
#22 AR-1248-2

R.T.: 4.775 min
Delta R.T.: 0.005 min
Response: 267329
Conc: 1.86 ng/ml



#22 AR-1248-2

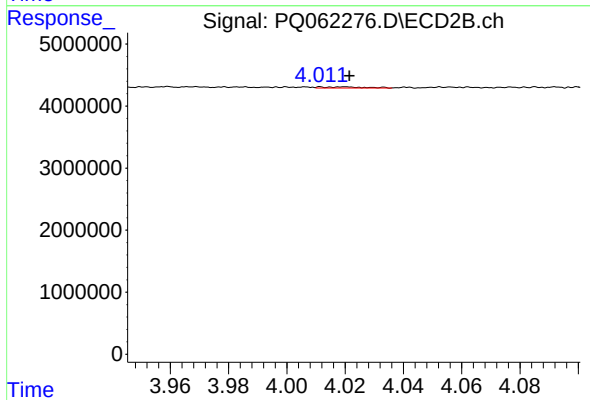
R.T.: 4.000 min
Delta R.T.: 0.015 min
Response: 99903
Conc: 1.07 ng/ml



#23 AR-1248-3

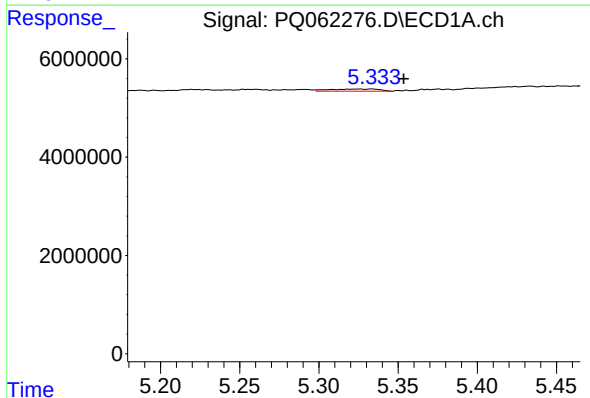
R.T.: 0.000 min
Exp R.T.: 4.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



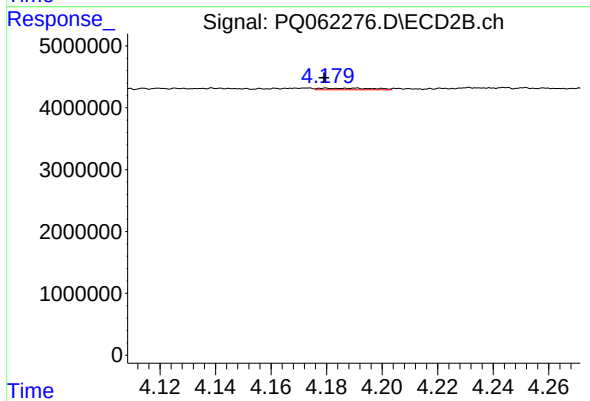
#23 AR-1248-3

R.T.: 4.012 min
Delta R.T.: -0.010 min
Response: 192386
Conc: 2.12 ng/ml



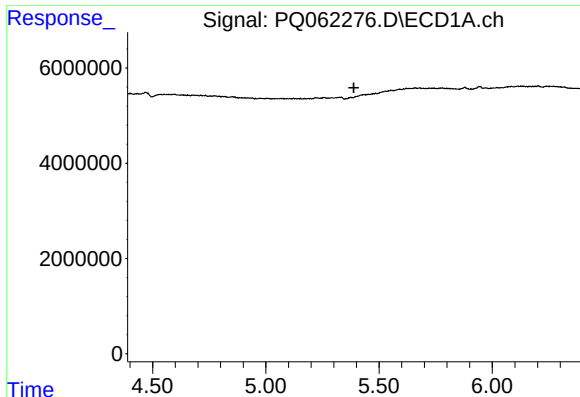
#24 AR-1248-4

R.T.: 5.333 min
Delta R.T.: -0.020 min
Response: 956783
Conc: 4.99 ng/ml



#24 AR-1248-4

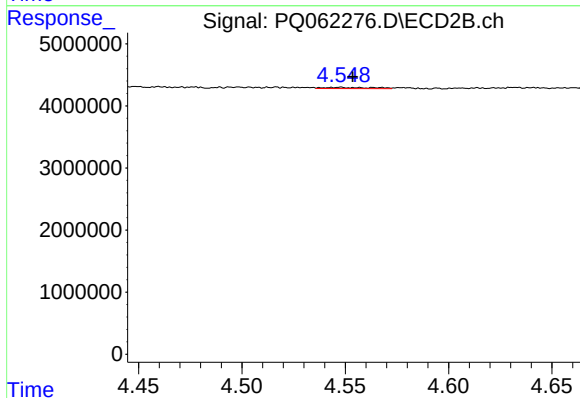
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 362901
Conc: 3.22 ng/ml



#25 AR-1248-5

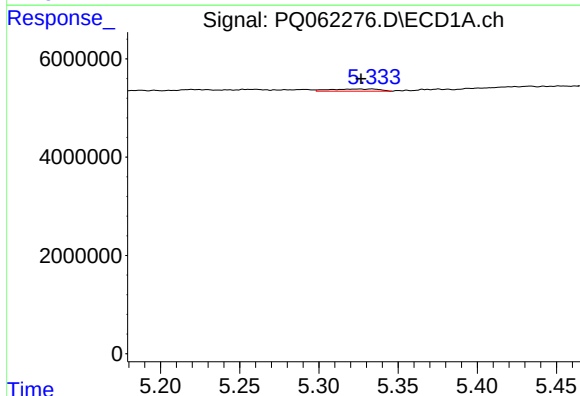
R.T.: 0.000 min
Exp R.T.: 5.388 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



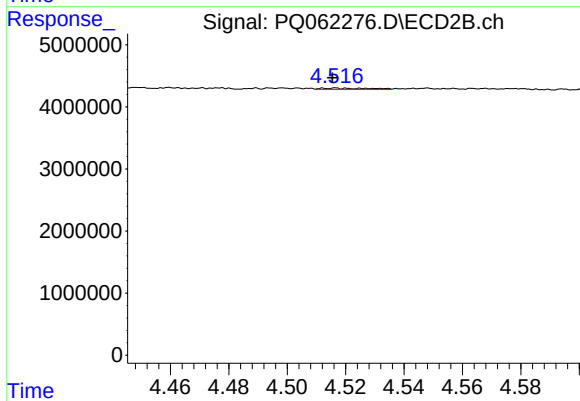
#25 AR-1248-5

R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 322144
Conc: 2.88 ng/ml



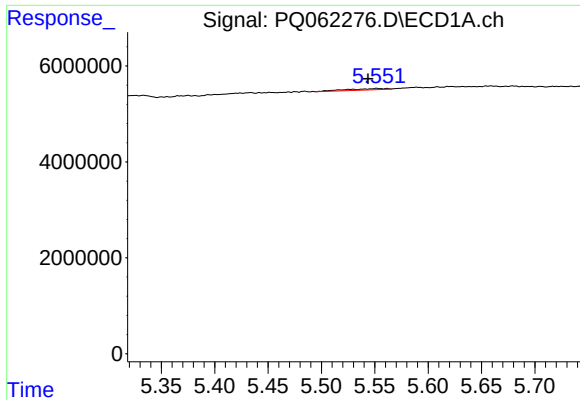
#26 AR-1254-1

R.T.: 5.333 min
Delta R.T.: 0.007 min
Response: 956783
Conc: 5.15 ng/ml



#26 AR-1254-1

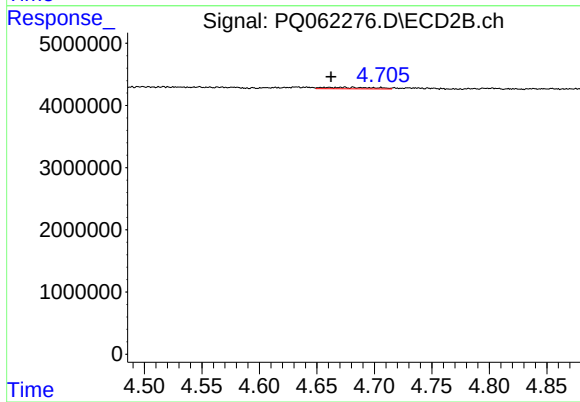
R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 241315
Conc: 1.49 ng/ml



#27 AR-1254-2

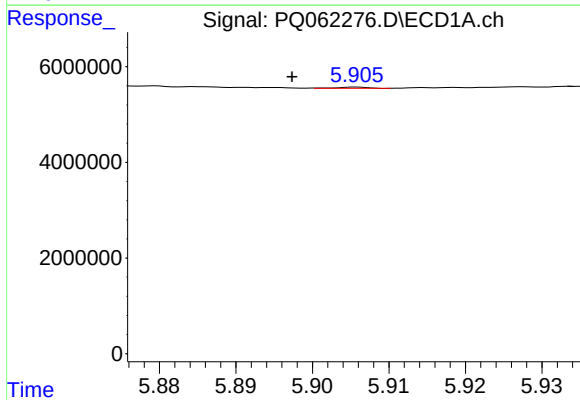
R.T.: 5.552 min
Delta R.T.: 0.008 min
Response: 789586
Conc: 2.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



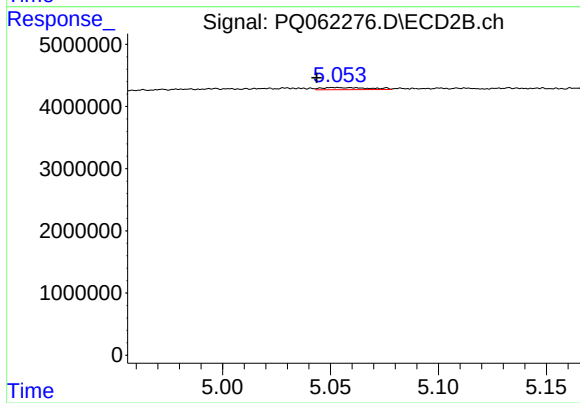
#27 AR-1254-2

R.T.: 4.674 min
Delta R.T.: 0.012 min
Response: 754943
Conc: 5.13 ng/ml



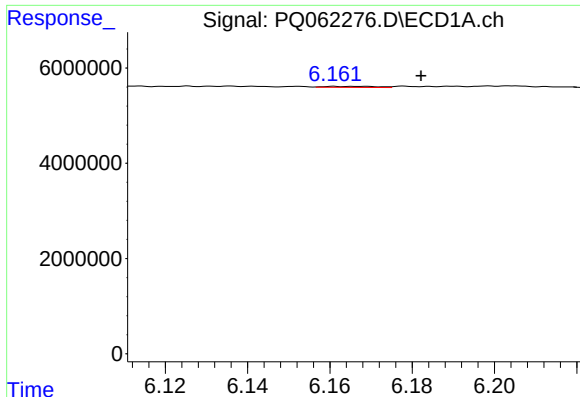
#28 AR-1254-3

R.T.: 5.906 min
Delta R.T.: 0.008 min
Response: 66991
Conc: 0.22 ng/ml



#28 AR-1254-3

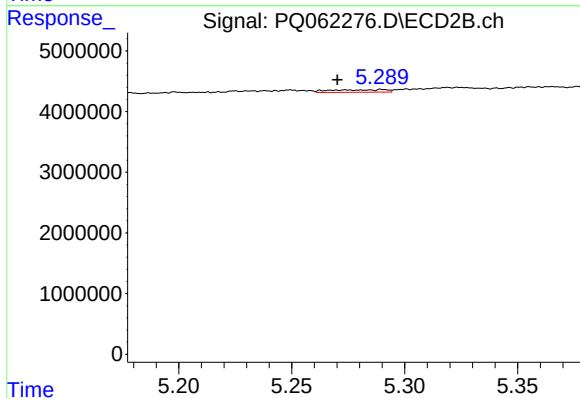
R.T.: 5.052 min
Delta R.T.: 0.008 min
Response: 551813
Conc: 2.36 ng/ml



#29 AR-1254-4

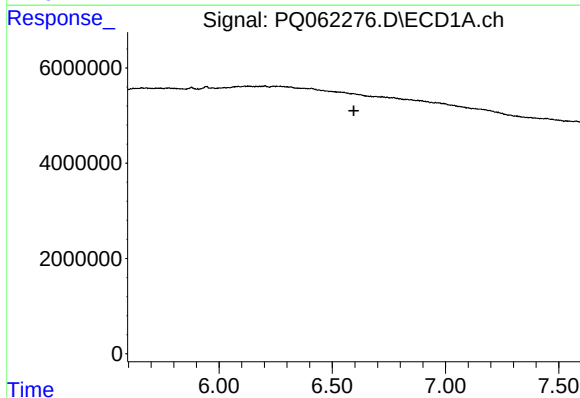
R.T.: 6.161 min
Delta R.T.: -0.021 min
Response: 196956
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



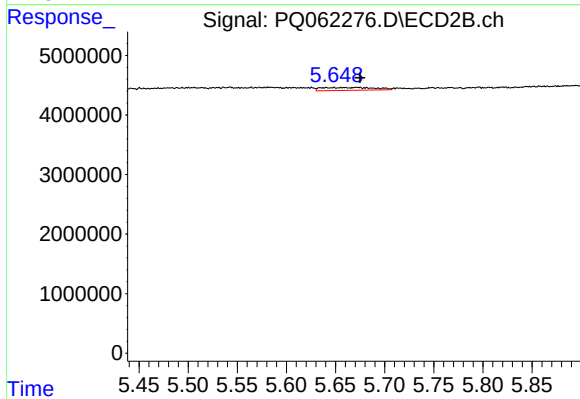
#29 AR-1254-4

R.T.: 5.290 min
Delta R.T.: 0.020 min
Response: 718187
Conc: 4.71 ng/ml



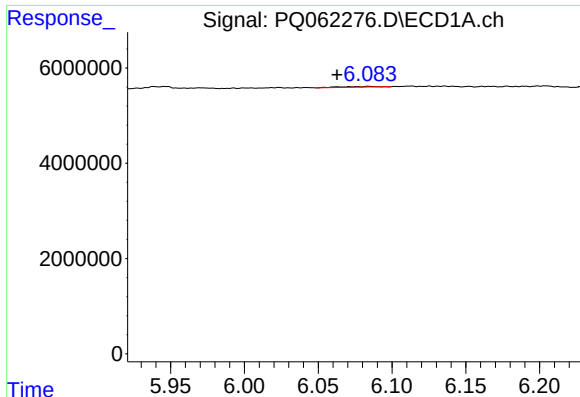
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.595 min
Response: 0
Conc: N.D.



#30 AR-1254-5

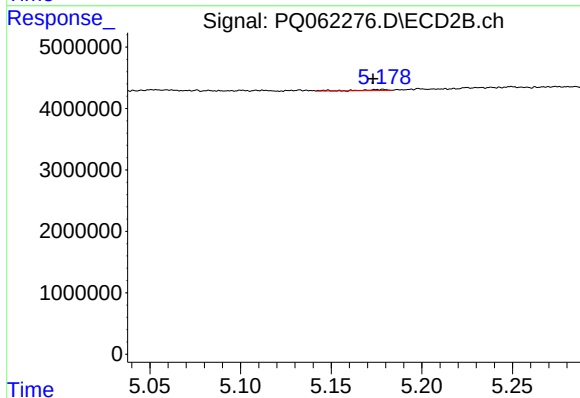
R.T.: 5.648 min
Delta R.T.: -0.027 min
Response: 1750907
Conc: 7.59 ng/ml



#31 AR-1260-1

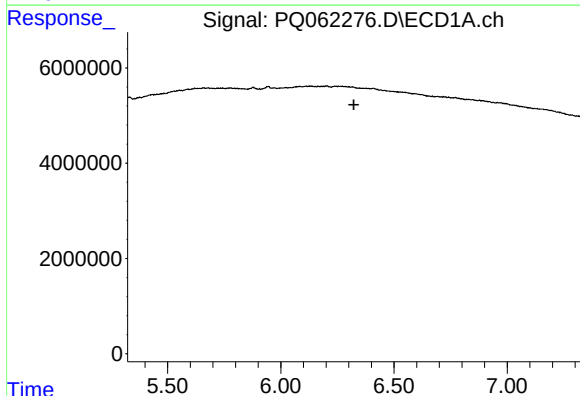
R.T.: 6.084 min
Delta R.T.: 0.021 min
Response: 241475
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



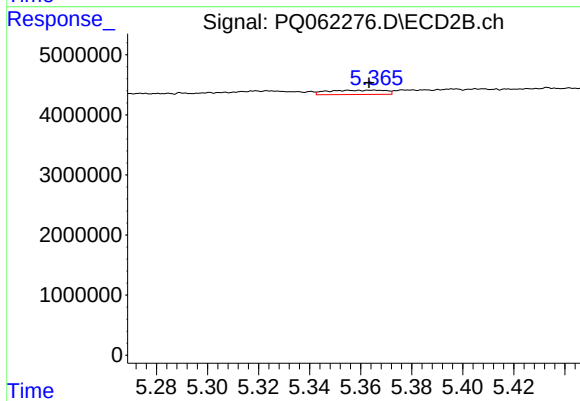
#31 AR-1260-1

R.T.: 5.179 min
Delta R.T.: 0.005 min
Response: 169056
Conc: 1.02 ng/ml



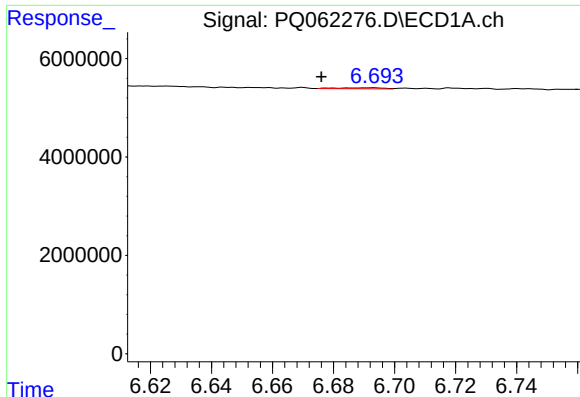
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.323 min
Response: 0
Conc: N.D.



#32 AR-1260-2

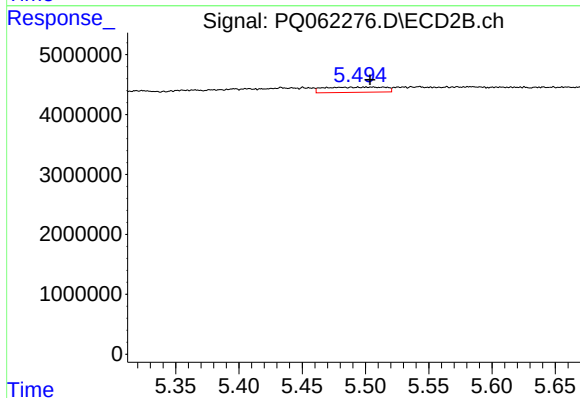
R.T.: 5.365 min
Delta R.T.: 0.002 min
Response: 1133597
Conc: 5.45 ng/ml



#33 AR-1260-3

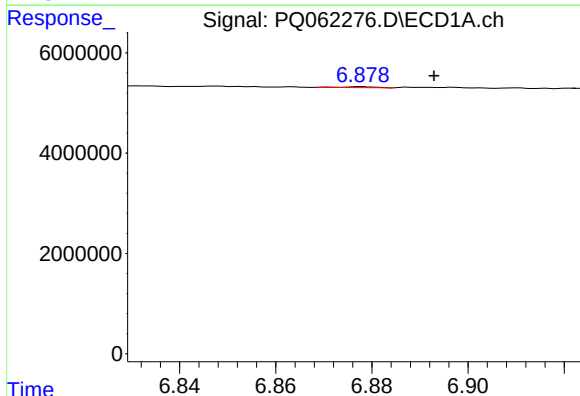
R.T.: 6.693 min
Delta R.T.: 0.017 min
Response: 195482
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



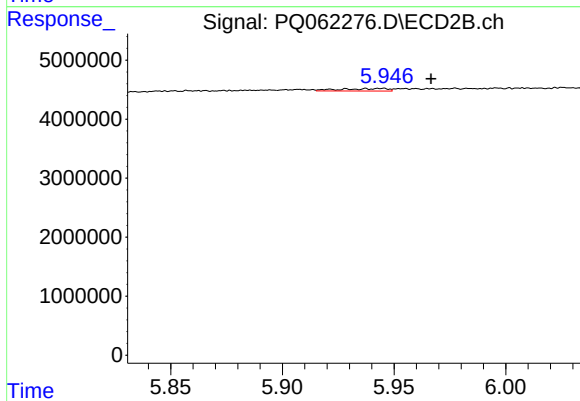
#33 AR-1260-3

R.T.: 5.494 min
Delta R.T.: -0.010 min
Response: 2909051
Conc: 14.95 ng/ml



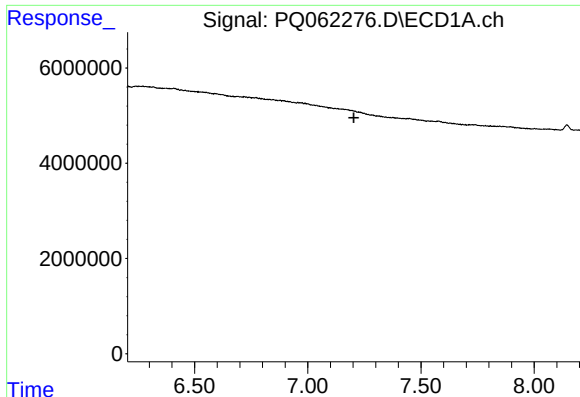
#34 AR-1260-4

R.T.: 6.878 min
Delta R.T.: -0.015 min
Response: 99949
Conc: 0.47 ng/ml



#34 AR-1260-4

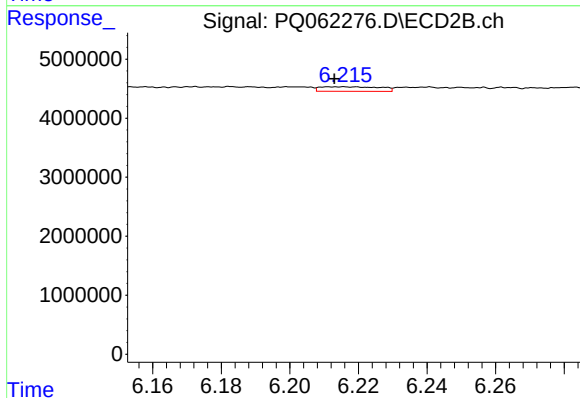
R.T.: 5.921 min
Delta R.T.: -0.045 min
Response: 642155
Conc: 4.40 ng/ml



#35 AR-1260-5

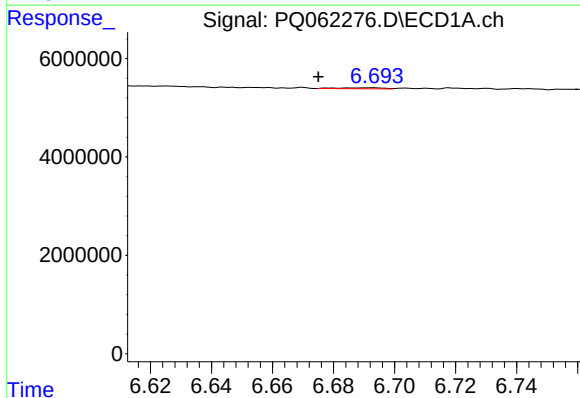
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



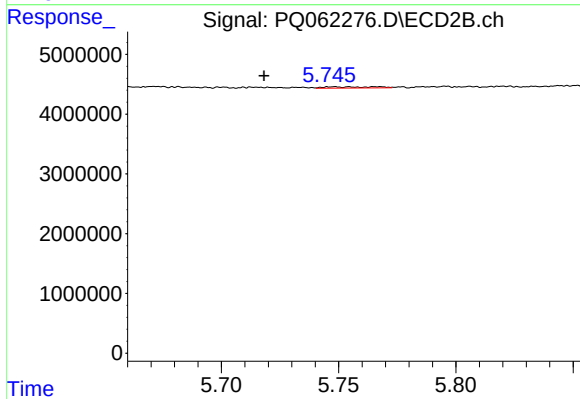
#35 AR-1260-5

R.T.: 6.215 min
Delta R.T.: 0.002 min
Response: 923358
Conc: 2.78 ng/ml



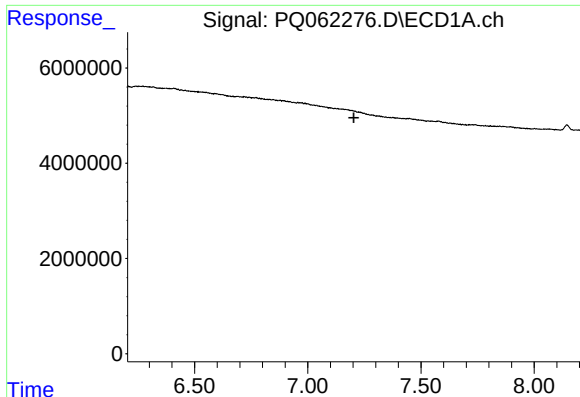
#36 AR-1262-1

R.T.: 6.693 min
Delta R.T.: 0.018 min
Response: 195482
Conc: 0.64 ng/ml



#36 AR-1262-1

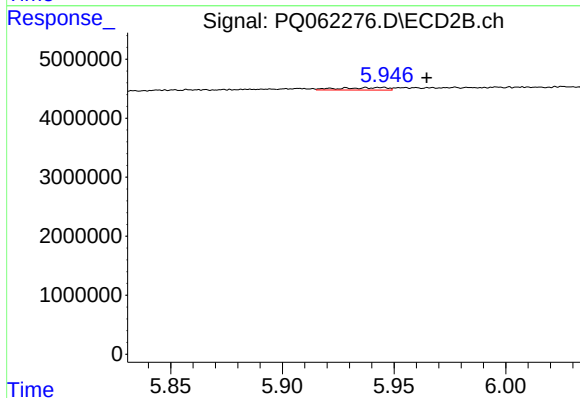
R.T.: 5.748 min
Delta R.T.: 0.030 min
Response: 318372
Conc: 1.37 ng/ml



#37 AR-1262-2

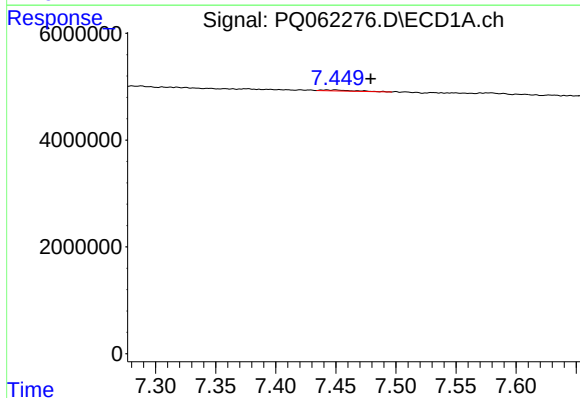
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



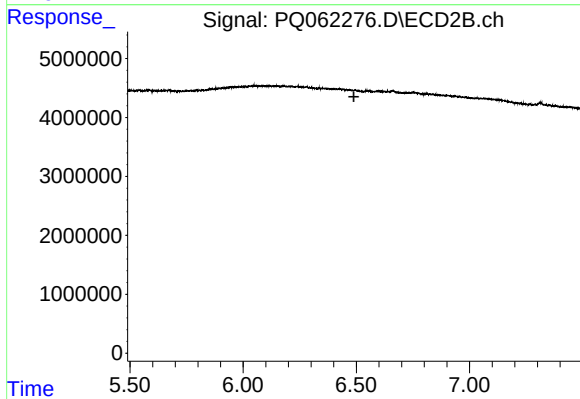
#37 AR-1262-2

R.T.: 5.921 min
Delta R.T.: -0.044 min
Response: 642155
Conc: 2.97 ng/ml



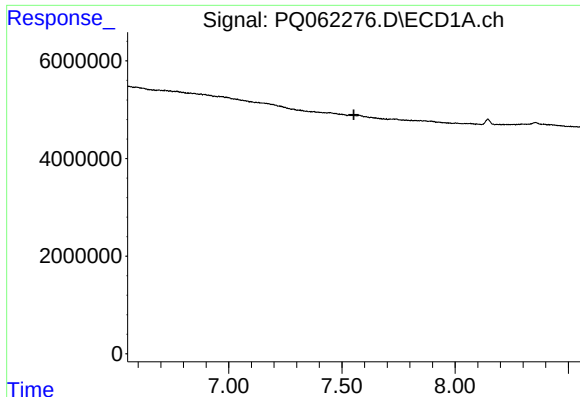
#38 AR-1262-3

R.T.: 7.442 min
Delta R.T.: -0.037 min
Response: 328819
Conc: 0.93 ng/ml



#38 AR-1262-3

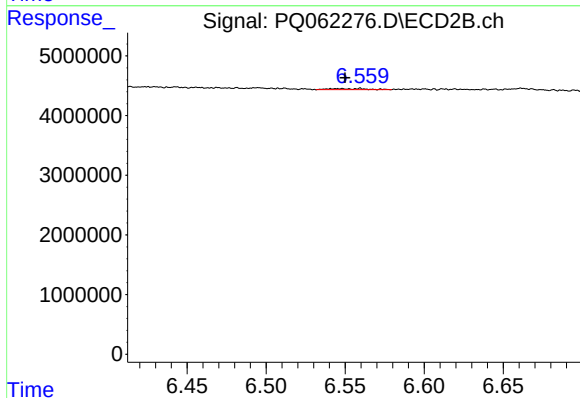
R.T.: 0.000 min
Exp R.T.: 6.489 min
Response: 0
Conc: N.D.



#39 AR-1262-4

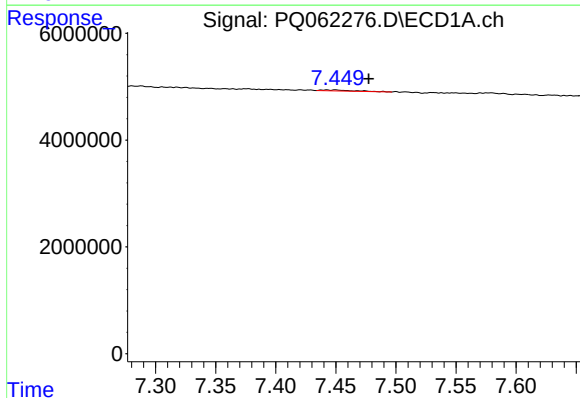
R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



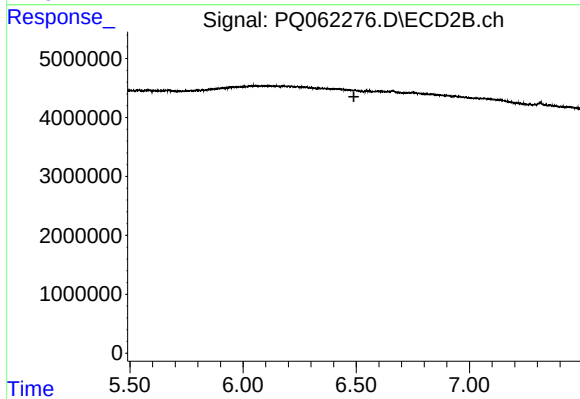
#39 AR-1262-4

R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 289121
Conc: 0.90 ng/ml



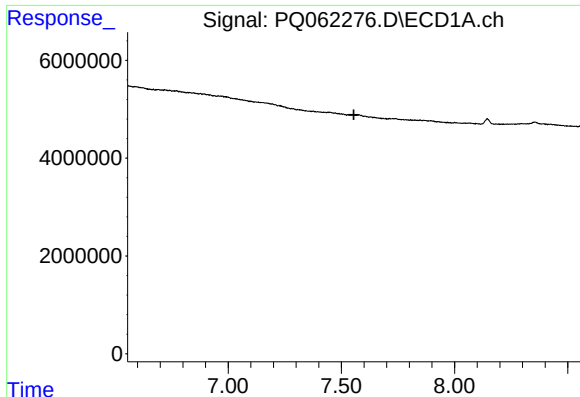
#41 AR-1268-1

R.T.: 7.442 min
Delta R.T.: -0.035 min
Response: 328819
Conc: 0.58 ng/ml



#41 AR-1268-1

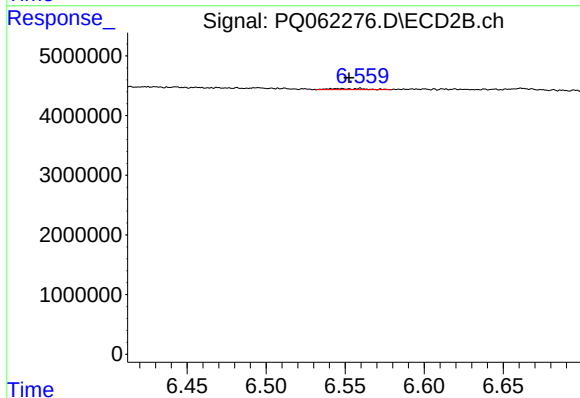
R.T.: 0.000 min
Exp R.T.: 6.490 min
Response: 0
Conc: N.D.



#42 AR-1268-2

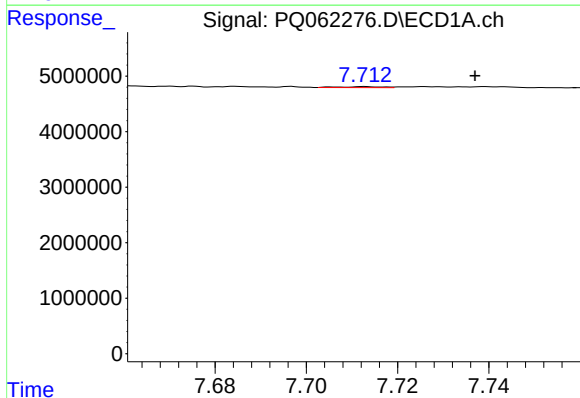
R.T.: 0.000 min
Exp R.T.: 7.556 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



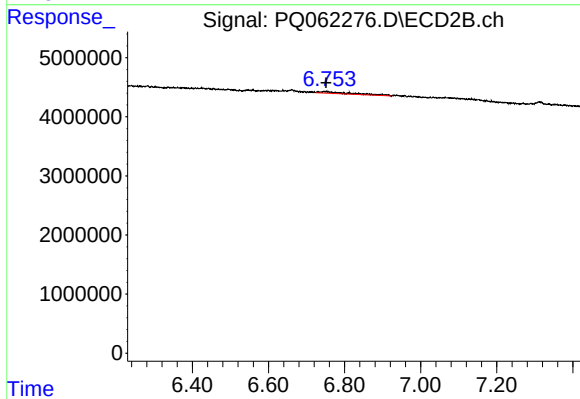
#42 AR-1268-2

R.T.: 6.545 min
Delta R.T.: -0.007 min
Response: 289121
Conc: 0.68 ng/ml



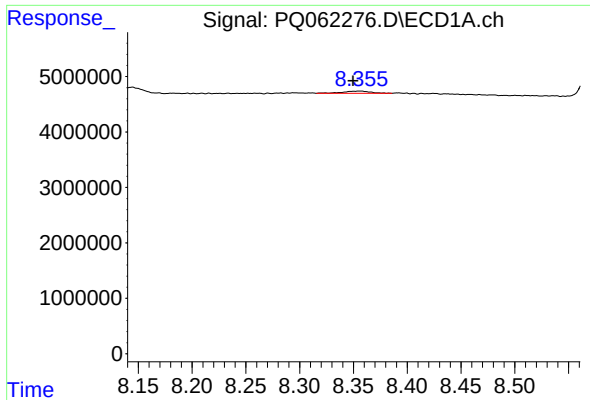
#43 AR-1268-3

R.T.: 7.713 min
Delta R.T.: -0.024 min
Response: 119809
Conc: 0.28 ng/ml



#43 AR-1268-3

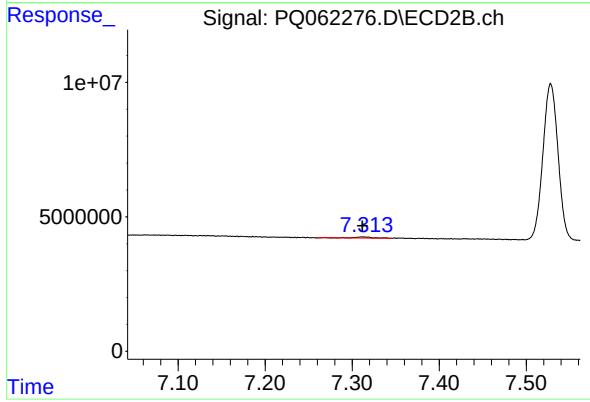
R.T.: 6.753 min
Delta R.T.: 0.001 min
Response: 1819919
Conc: 4.94 ng/ml



#45 AR-1268-5

R.T.: 8.356 min
Delta R.T.: 0.006 min
Response: 694994
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 561587
Conc: 0.48 ng/ml