

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
 Data File : PQ062422.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 10:51
 Operator : YP\AJ
 Sample : 03653-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 12:49:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.402	2.755	136.1E6	73732133	27.895	29.386
2)	SA Decachlor...	8.584	7.525	97081854	87954441	26.724	26.395
Target Compounds							
5)	L1 AR-1016-3	4.578	3.940	450657	49256	2.957	0.653 #
6)	L1 AR-1016-4	4.690	3.987	955073	440549	7.620	6.708
7)	L1 AR-1016-5	4.957	4.194	183434	66507	1.507	0.811 #
8)	L2 AR-1221-1	0.000	2.953	0	113879	N.D.	3.451 #
9)	L2 AR-1221-2	3.679	3.023	1849664	1162753	41.165	45.778
10)	L2 AR-1221-3	3.731	3.110	698126	68189	4.968	0.885 #
11)	L3 AR-1232-1	3.731	3.110	698126	68189	6.611	1.190 #
12)	L3 AR-1232-2	4.255	3.784	2208748	65366	37.341	0.982 #
14)	L3 AR-1232-4	4.690	4.022	955073	96546	16.854	3.246 #
15)	L3 AR-1232-5	4.753	4.194	120220	66507	3.002	1.865 #
18)	L4 AR-1242-3	4.578	3.940	450657	49256	3.729	0.841 #
19)	L4 AR-1242-4	4.690	4.022	955073	96546	9.797	1.647 #
20)	L4 AR-1242-5	5.371	4.512	408613	278649	4.268	3.362
22)	L5 AR-1248-2	4.753	3.987	120220	440549	0.837	4.698 #
23)	L5 AR-1248-3	4.957	4.022	183434	96546	1.056	1.066
24)	L5 AR-1248-4	5.371	4.194	408613	66507	2.129	0.589 #
25)	L5 AR-1248-5	5.371	4.546	408613	143298	2.256	1.279 #
26)	L6 AR-1254-1	5.325	4.512	1784784	278649	9.605	1.726 #
27)	L6 AR-1254-2	0.000	4.649	0	586610	N.D.	3.984 #
28)	L6 AR-1254-3	5.867f	5.038	262232	236279	0.854	1.011
29)	L6 AR-1254-4	6.180	5.272	814779	1087845	3.509	7.137 #
30)	L6 AR-1254-5	0.000	5.669	0	3962252	N.D.	17.168 #
31)	L7 AR-1260-1	6.064	5.171	327223	579525	1.387	3.480 #
32)	L7 AR-1260-2	6.322	5.359	14120379	5565528	48.891	26.764 #
33)	L7 AR-1260-3	6.662	5.507	88504	5101678	0.501	26.222 #
34)	L7 AR-1260-4	6.915	5.971	113653	96416	0.540	0.661
35)	L7 AR-1260-5	7.201	6.206	314902	1055288	0.767	3.178 #
36)	L8 AR-1262-1	6.662	5.729	88504	594256	0.290	2.556 #
37)	L8 AR-1262-2	7.201	5.971	314902	96416	0.598	0.446 #
38)	L8 AR-1262-3	7.486	6.507	269545	80590	0.765	0.462 #
39)	L8 AR-1262-4	7.580f	6.544	867212	409720	3.251	1.271 #
40)	L8 AR-1262-5	8.048	7.066	771891	247298	4.348	1.594 #
41)	L9 AR-1268-1	7.486	6.507	269545	80590	0.475	0.171 #
42)	L9 AR-1268-2	7.580	6.544	867212	409720	1.701	0.967 #
43)	L9 AR-1268-3	0.000	6.744	0	352225	N.D.	0.956 #
44)	L9 AR-1268-4	8.048	7.066	771891	247298	4.218	1.546 #
45)	L9 AR-1268-5	8.349	7.309	904529	3143913	0.717	2.694 #

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Instrument :
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Quant Time: Jul 20 12:49:04 2023
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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

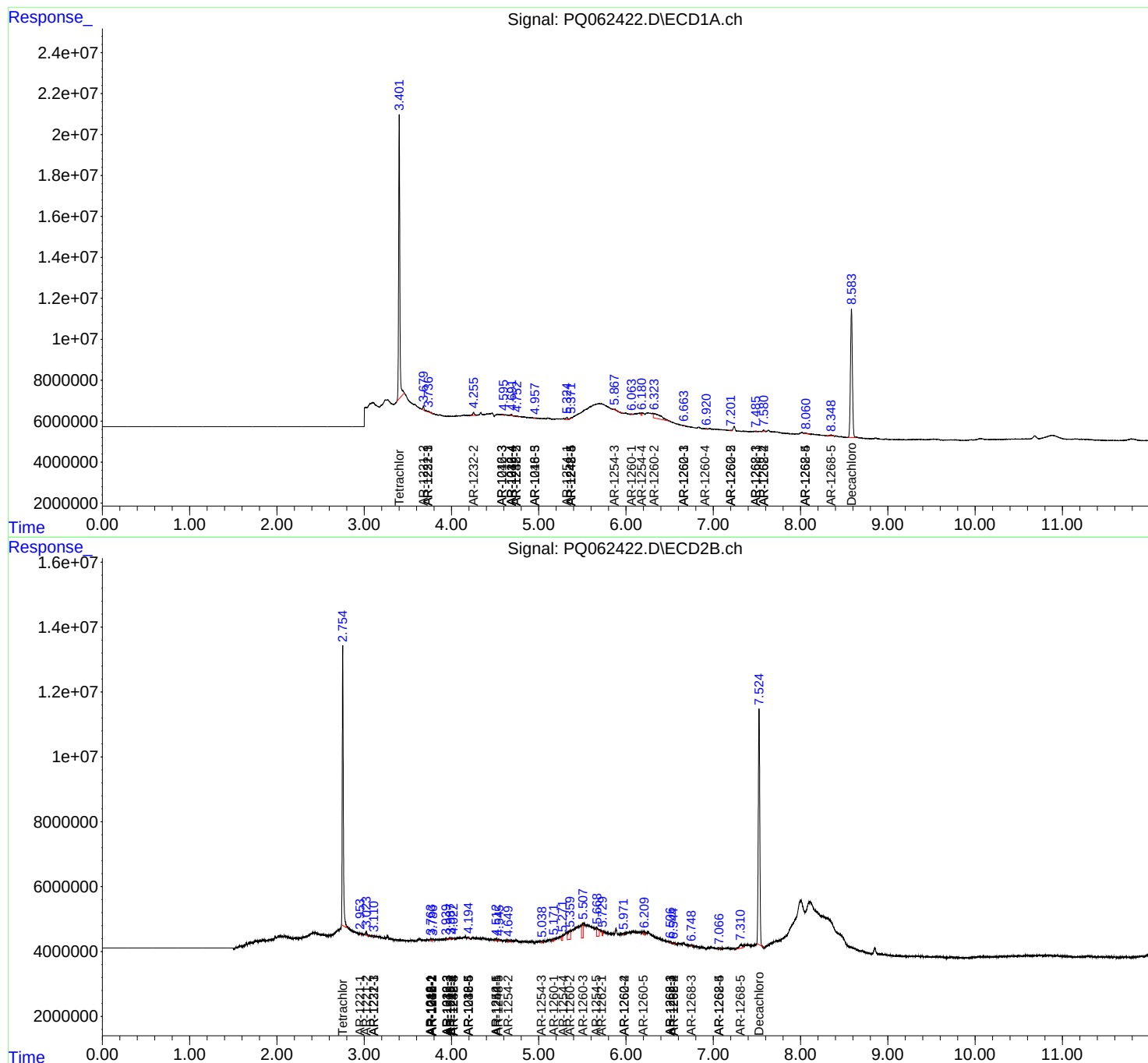
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

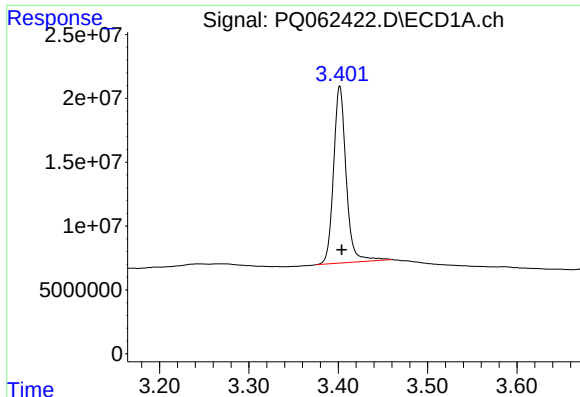
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

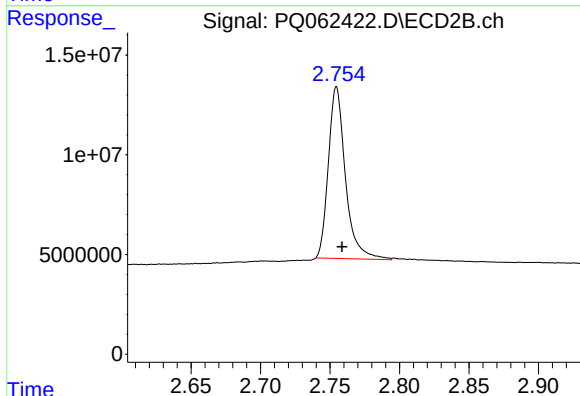




#1 Tetrachloro-m-xylene

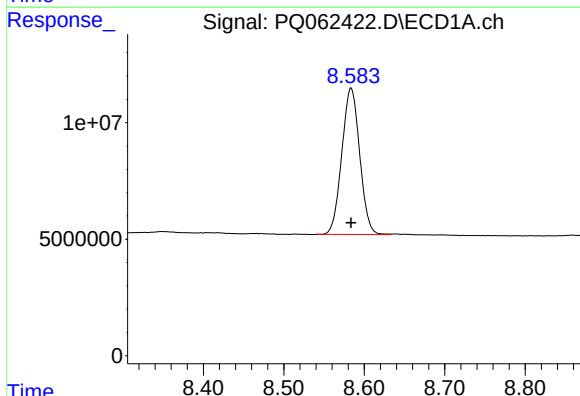
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 136078423
Conc: 27.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



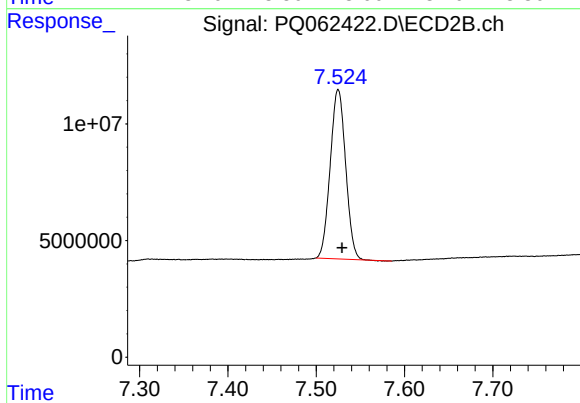
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 73732133
Conc: 29.39 ng/ml



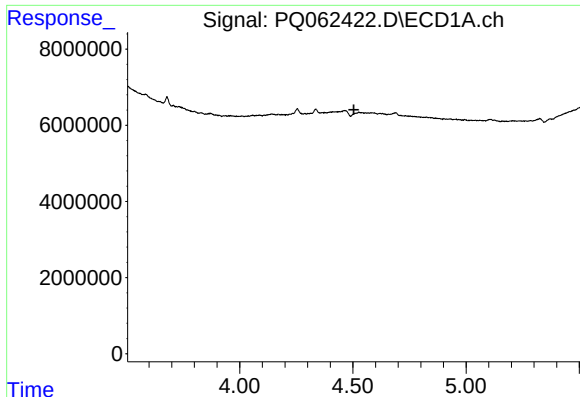
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 97081854
Conc: 26.72 ng/ml



#2 Decachlorobiphenyl

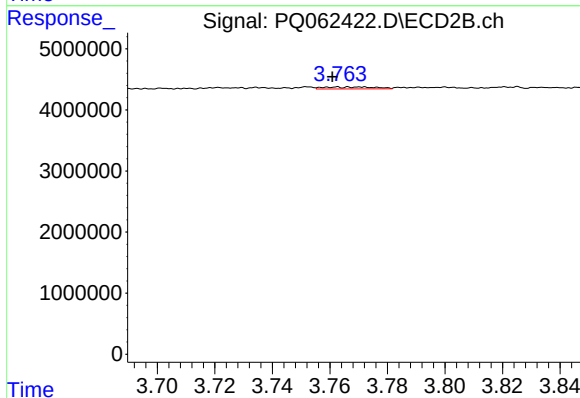
R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 87954441
Conc: 26.40 ng/ml



#3 AR-1016-1

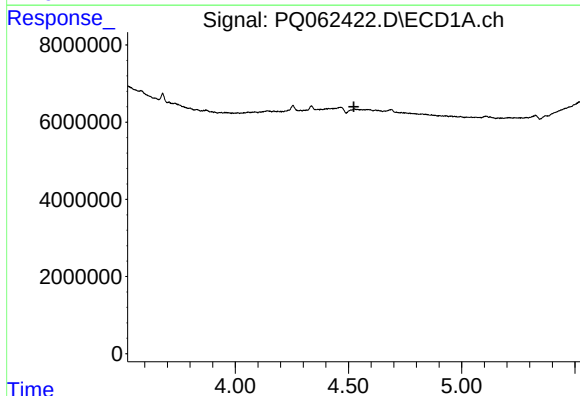
R.T.: 4.525 min
Delta R.T.: 0.021 min
Response: -929935
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



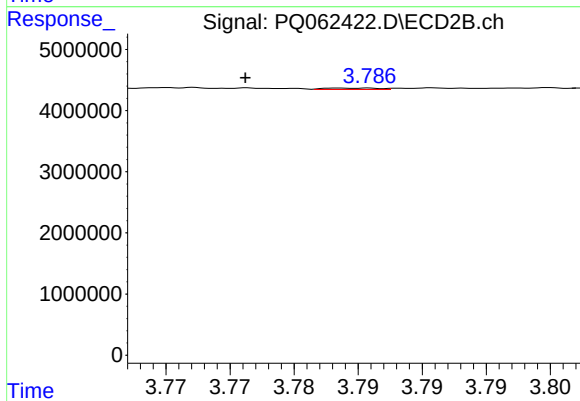
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: 0.002 min
Response: 400360
Conc: 4.05 ng/ml



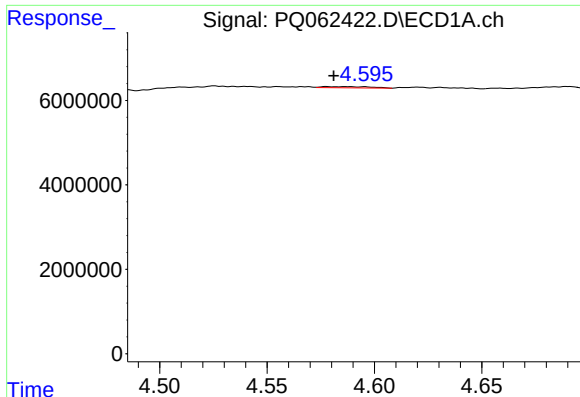
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: -929935
Conc: N.D.



#4 AR-1016-2

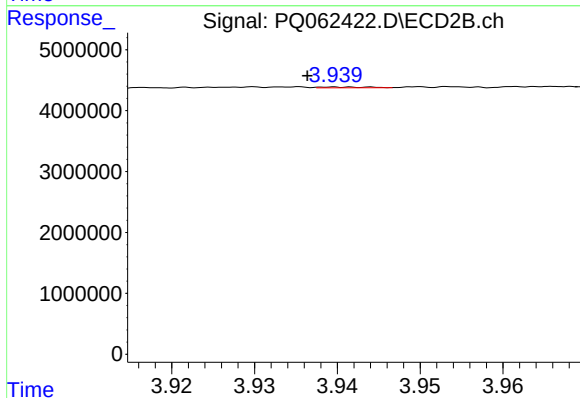
R.T.: 3.784 min
Delta R.T.: 0.008 min
Response: 65366
Conc: 0.45 ng/ml



#5 AR-1016-3

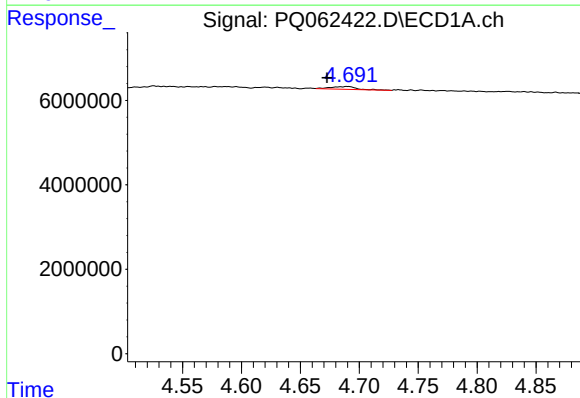
R.T.: 4.578 min
Delta R.T.: -0.003 min
Response: 450657
Conc: 2.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



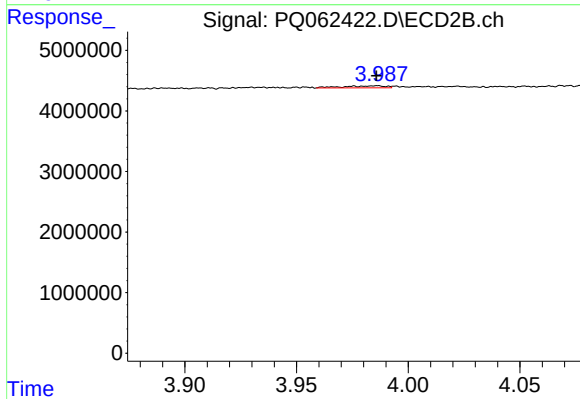
#5 AR-1016-3

R.T.: 3.940 min
Delta R.T.: 0.004 min
Response: 49256
Conc: 0.65 ng/ml



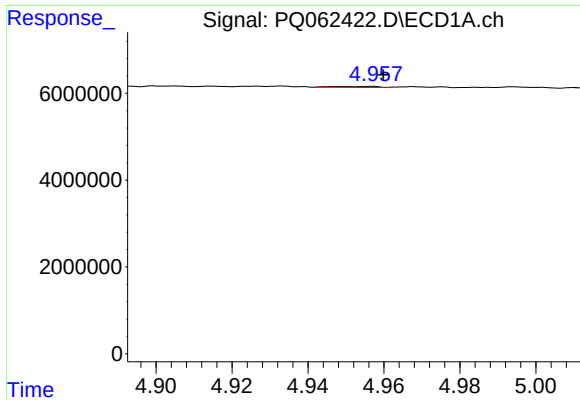
#6 AR-1016-4

R.T.: 4.690 min
Delta R.T.: 0.017 min
Response: 955073
Conc: 7.62 ng/ml



#6 AR-1016-4

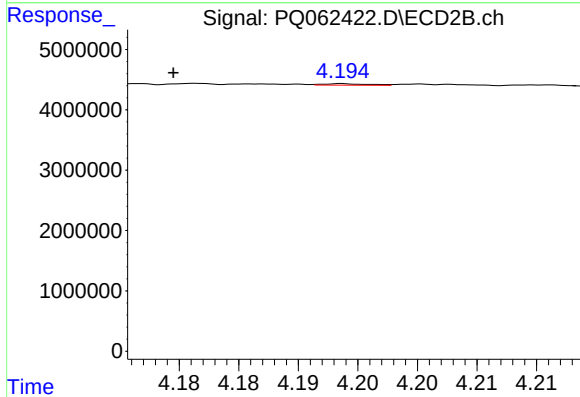
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 440549
Conc: 6.71 ng/ml



#7 AR-1016-5

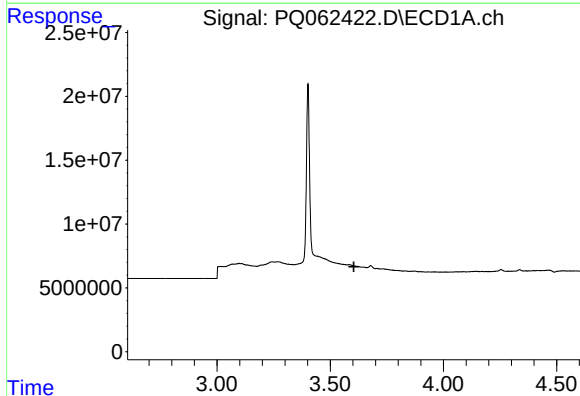
R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 183434
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



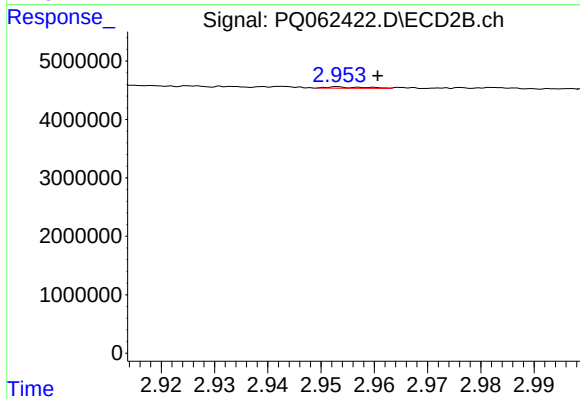
#7 AR-1016-5

R.T.: 4.194 min
Delta R.T.: 0.014 min
Response: 66507
Conc: 0.81 ng/ml



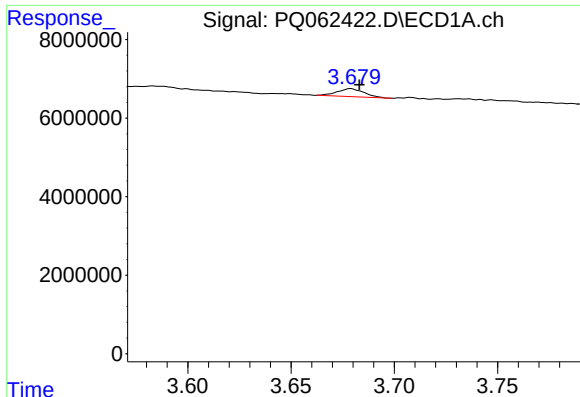
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.605 min
Response: 0
Conc: N.D.



#8 AR-1221-1

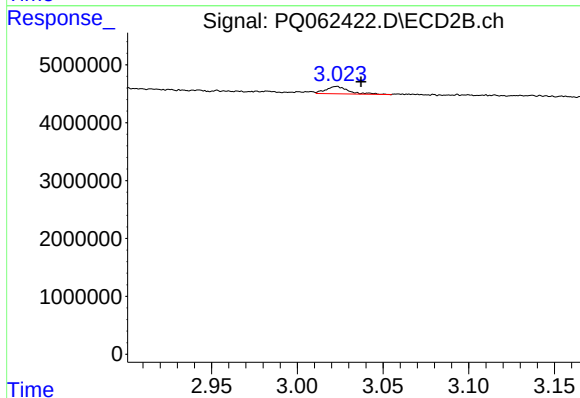
R.T.: 2.953 min
Delta R.T.: -0.007 min
Response: 113879
Conc: 3.45 ng/ml



#9 AR-1221-2

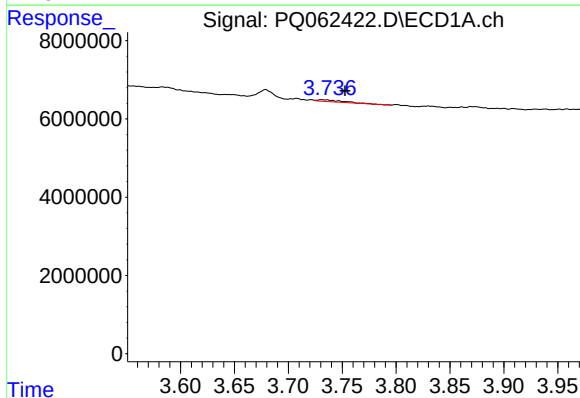
R.T.: 3.679 min
Delta R.T.: -0.004 min
Response: 1849664
Conc: 41.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



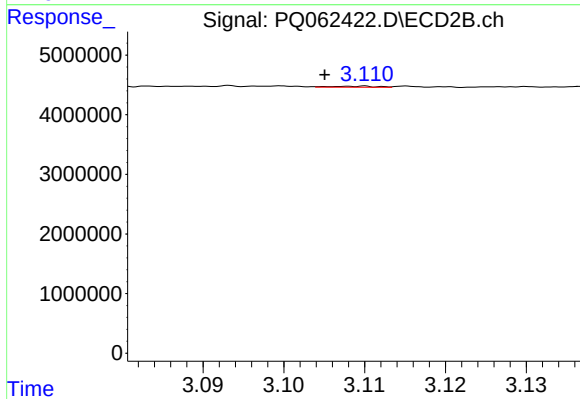
#9 AR-1221-2

R.T.: 3.023 min
Delta R.T.: -0.014 min
Response: 1162753
Conc: 45.78 ng/ml



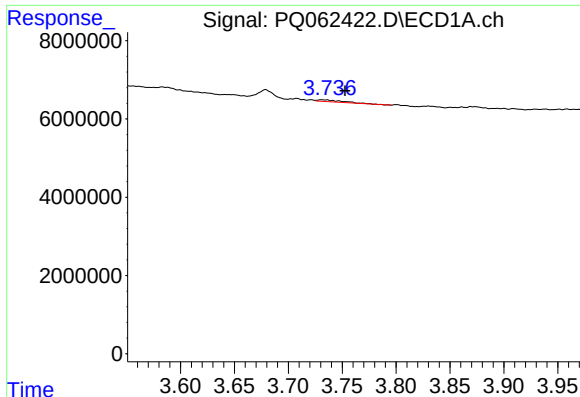
#10 AR-1221-3

R.T.: 3.731 min
Delta R.T.: -0.022 min
Response: 698126
Conc: 4.97 ng/ml



#10 AR-1221-3

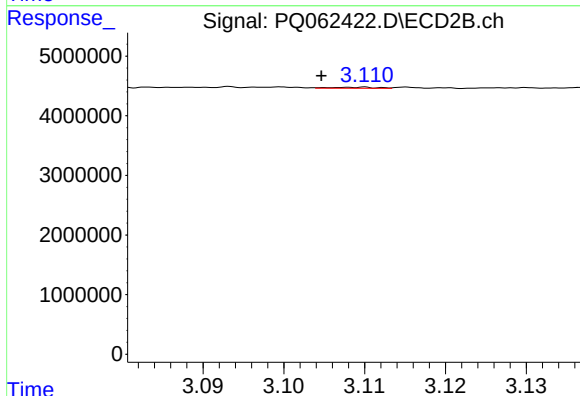
R.T.: 3.110 min
Delta R.T.: 0.005 min
Response: 68189
Conc: 0.88 ng/ml



#11 AR-1232-1

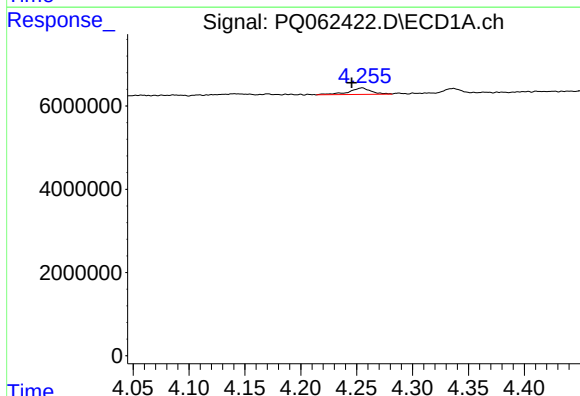
R.T.: 3.731 min
Delta R.T.: -0.022 min
Response: 698126
Conc: 6.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



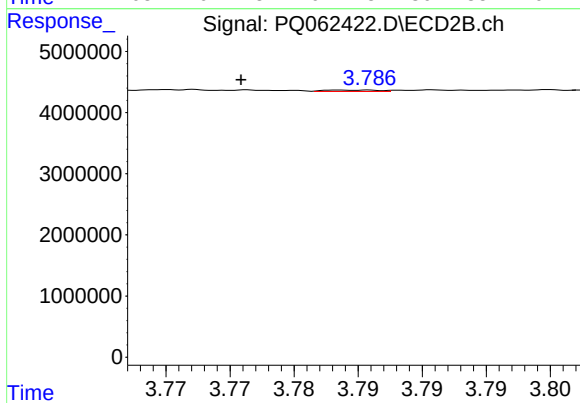
#11 AR-1232-1

R.T.: 3.110 min
Delta R.T.: 0.005 min
Response: 68189
Conc: 1.19 ng/ml



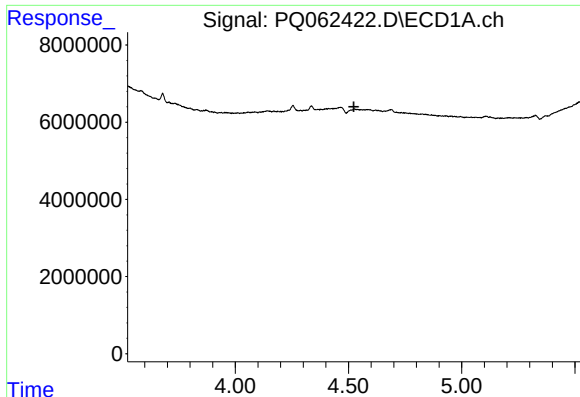
#12 AR-1232-2

R.T.: 4.255 min
Delta R.T.: 0.009 min
Response: 2208748
Conc: 37.34 ng/ml



#12 AR-1232-2

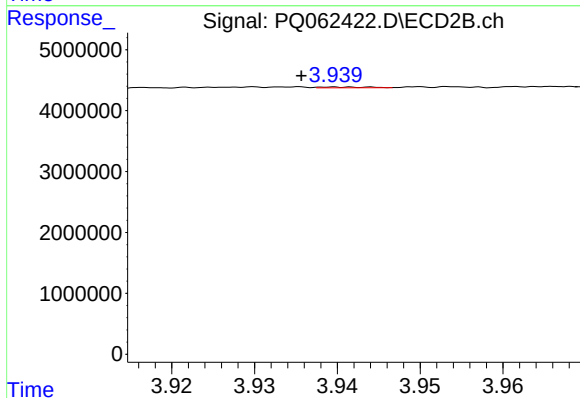
R.T.: 3.784 min
Delta R.T.: 0.008 min
Response: 65366
Conc: 0.98 ng/ml



#13 AR-1232-3

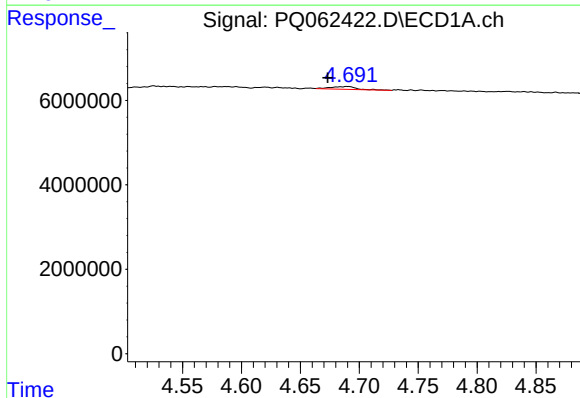
R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: -929935
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



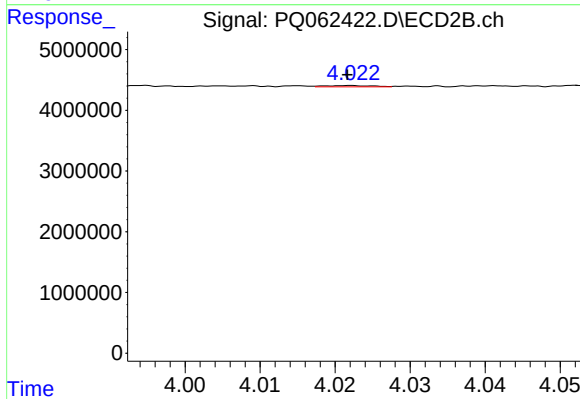
#13 AR-1232-3

R.T.: 3.940 min
Delta R.T.: 0.004 min
Response: 49256
Conc: 1.43 ng/ml



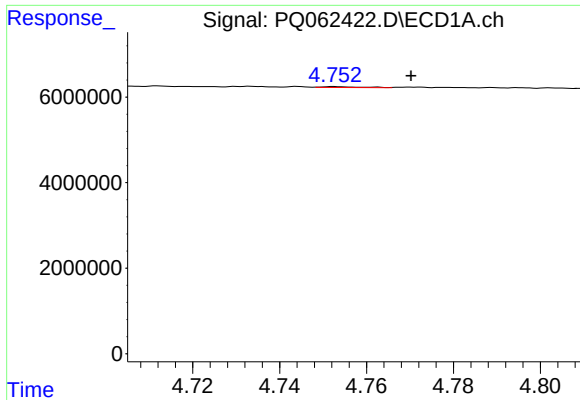
#14 AR-1232-4

R.T.: 4.690 min
Delta R.T.: 0.017 min
Response: 955073
Conc: 16.85 ng/ml



#14 AR-1232-4

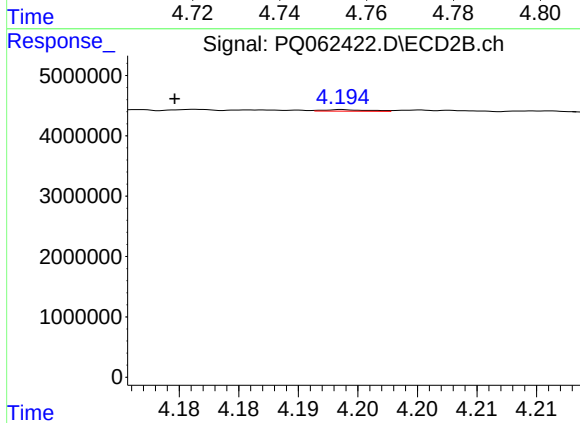
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 96546
Conc: 3.25 ng/ml



#15 AR-1232-5

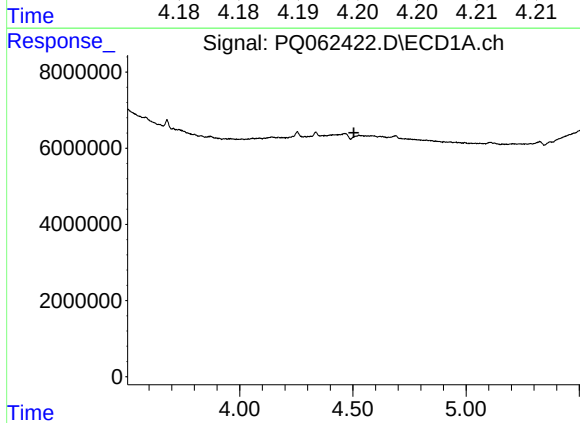
R.T.: 4.753 min
Delta R.T.: -0.018 min
Response: 120220
Conc: 3.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



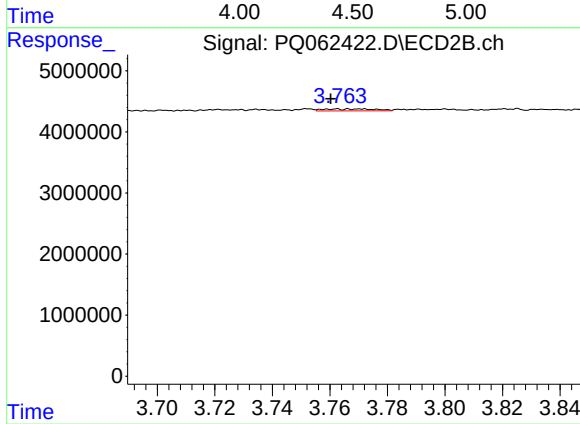
#15 AR-1232-5

R.T.: 4.194 min
Delta R.T.: 0.014 min
Response: 66507
Conc: 1.86 ng/ml



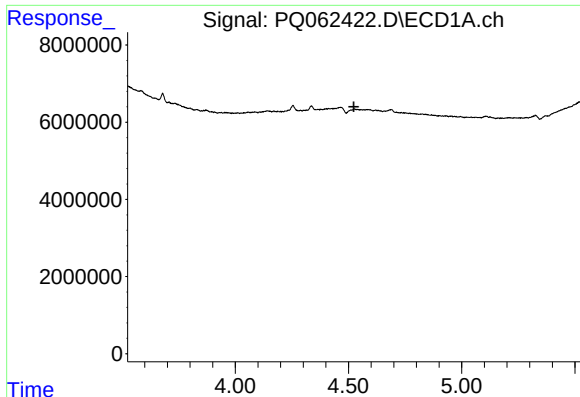
#16 AR-1242-1

R.T.: 4.525 min
Delta R.T.: 0.021 min
Response: -929935
Conc: N.D.



#16 AR-1242-1

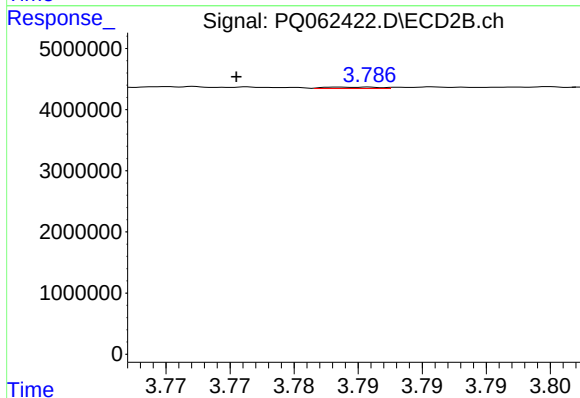
R.T.: 3.763 min
Delta R.T.: 0.002 min
Response: 400360
Conc: 5.18 ng/ml



#17 AR-1242-2

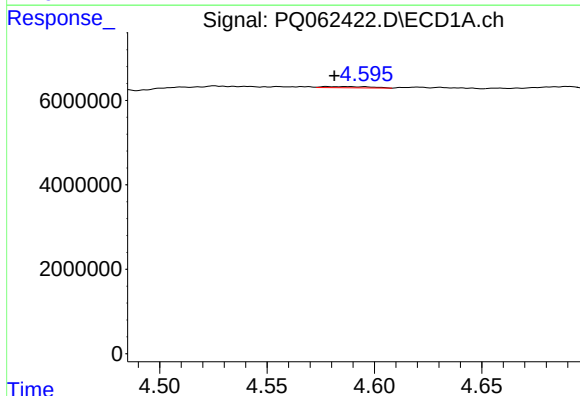
R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: -929935
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



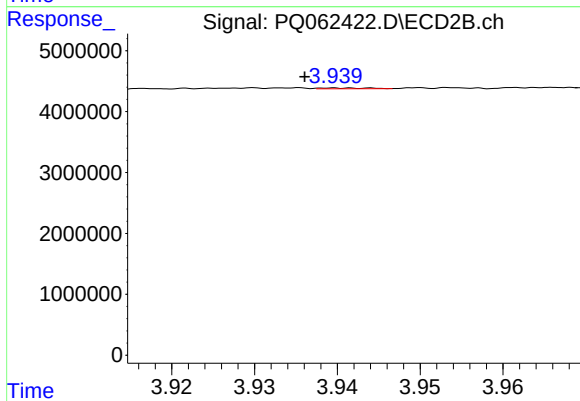
#17 AR-1242-2

R.T.: 3.784 min
Delta R.T.: 0.009 min
Response: 65366
Conc: 0.59 ng/ml



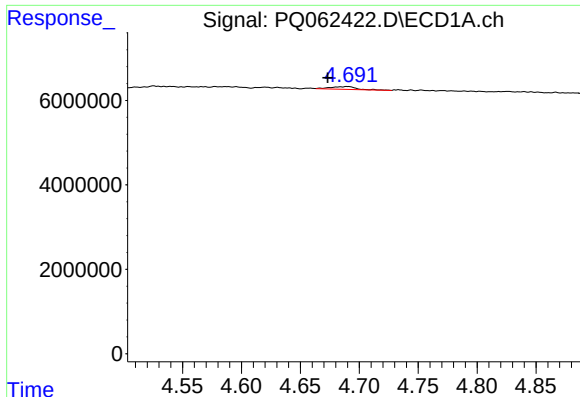
#18 AR-1242-3

R.T.: 4.578 min
Delta R.T.: -0.004 min
Response: 450657
Conc: 3.73 ng/ml



#18 AR-1242-3

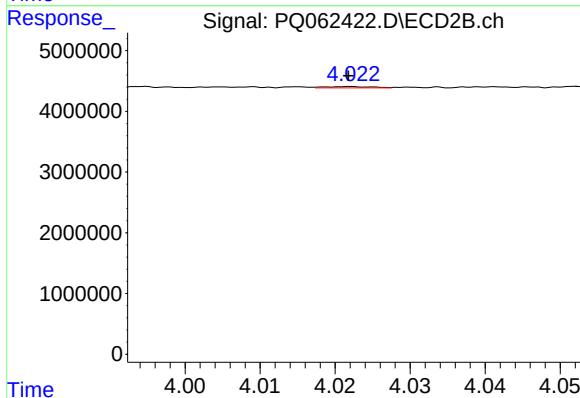
R.T.: 3.940 min
Delta R.T.: 0.004 min
Response: 49256
Conc: 0.84 ng/ml



#19 AR-1242-4

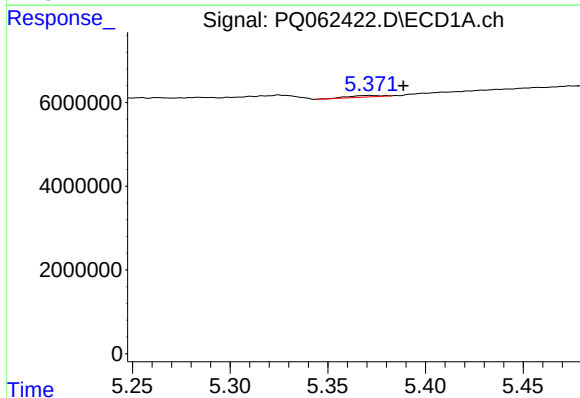
R.T.: 4.690 min
Delta R.T.: 0.017 min
Response: 955073
Conc: 9.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



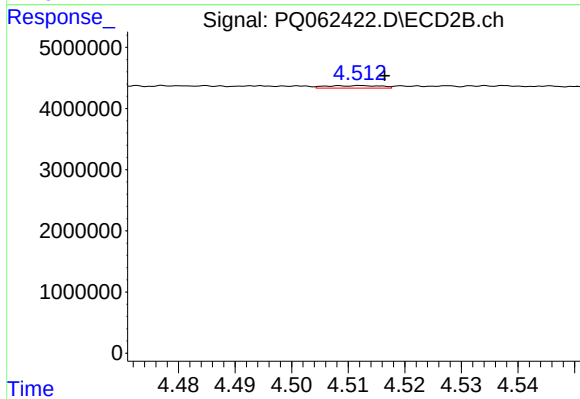
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 96546
Conc: 1.65 ng/ml



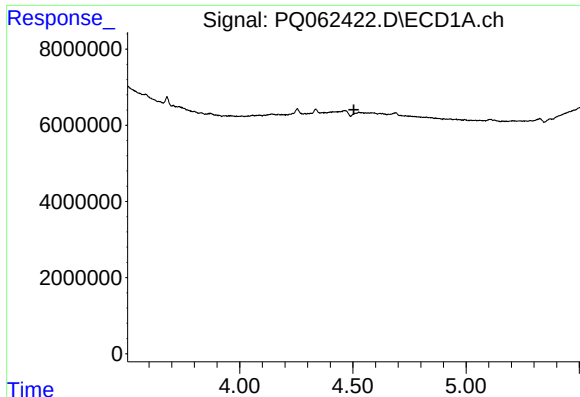
#20 AR-1242-5

R.T.: 5.371 min
Delta R.T.: -0.017 min
Response: 408613
Conc: 4.27 ng/ml



#20 AR-1242-5

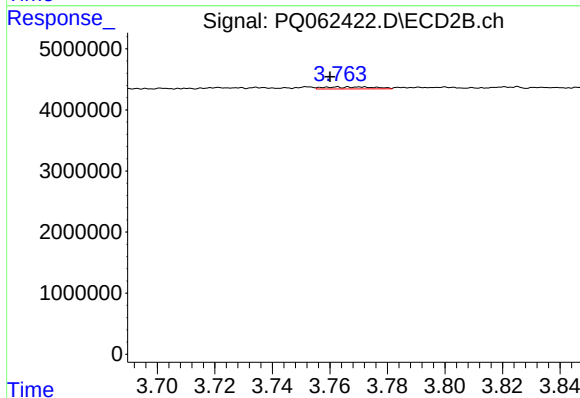
R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: 278649
Conc: 3.36 ng/ml



#21 AR-1248-1

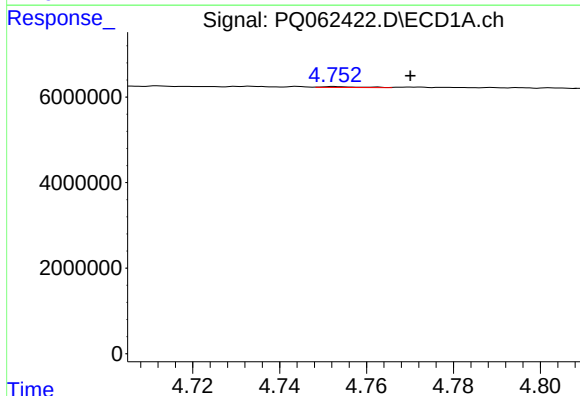
R.T.: 4.525 min
Delta R.T.: 0.021 min
Response: -929935
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



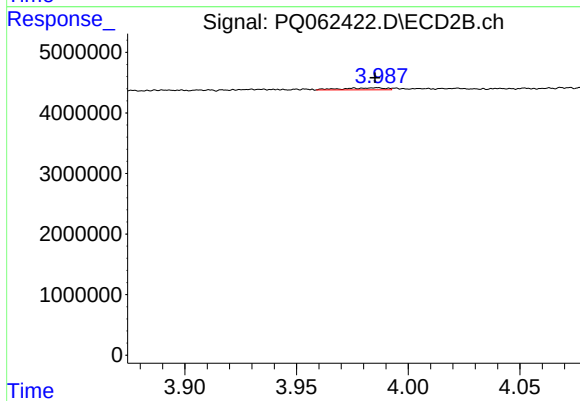
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.003 min
Response: 400360
Conc: 6.40 ng/ml



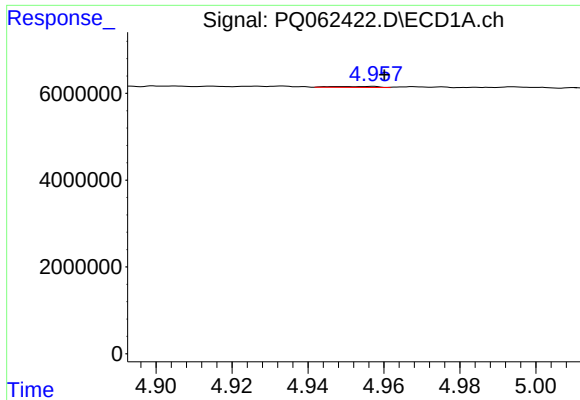
#22 AR-1248-2

R.T.: 4.753 min
Delta R.T.: -0.017 min
Response: 120220
Conc: 0.84 ng/ml



#22 AR-1248-2

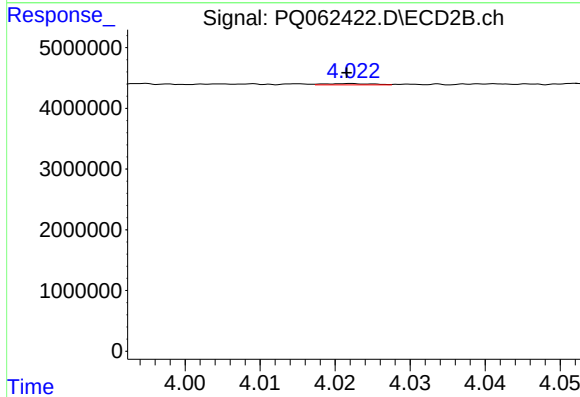
R.T.: 3.987 min
Delta R.T.: 0.001 min
Response: 440549
Conc: 4.70 ng/ml



#23 AR-1248-3

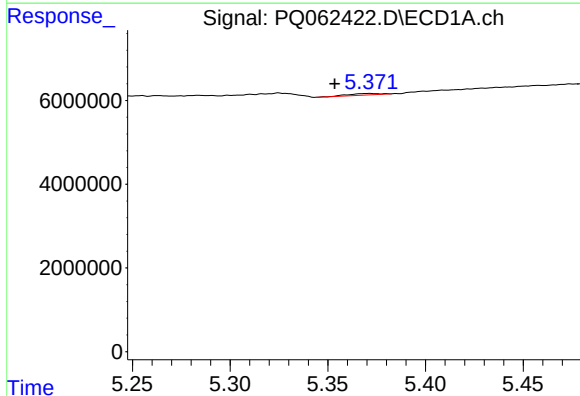
R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 183434
Conc: 1.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



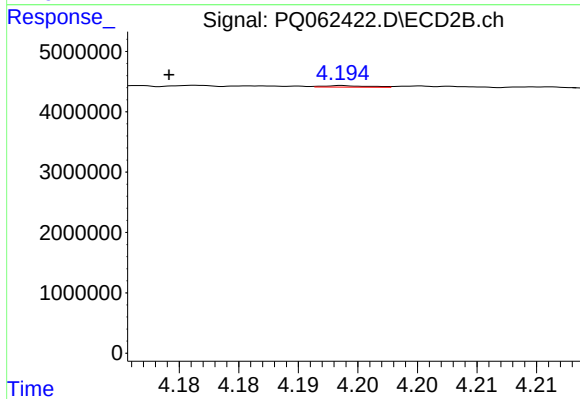
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 96546
Conc: 1.07 ng/ml



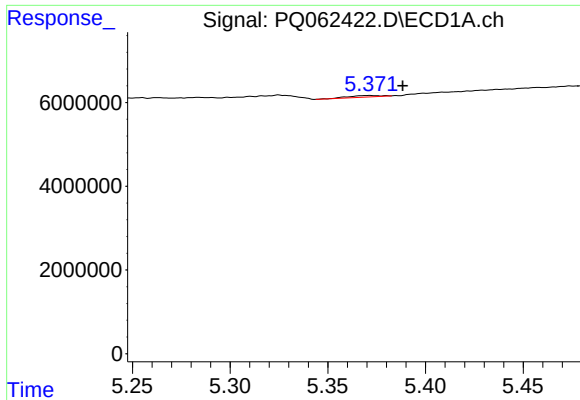
#24 AR-1248-4

R.T.: 5.371 min
Delta R.T.: 0.018 min
Response: 408613
Conc: 2.13 ng/ml



#24 AR-1248-4

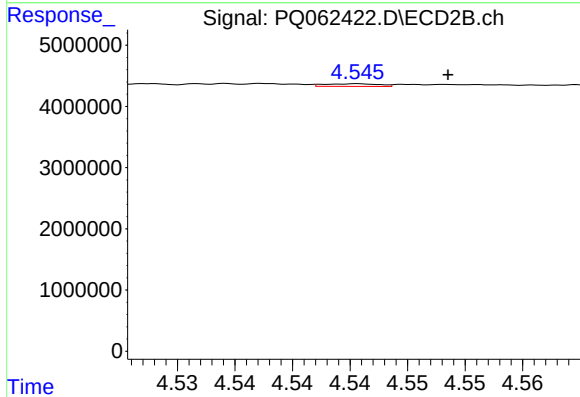
R.T.: 4.194 min
Delta R.T.: 0.015 min
Response: 66507
Conc: 0.59 ng/ml



#25 AR-1248-5

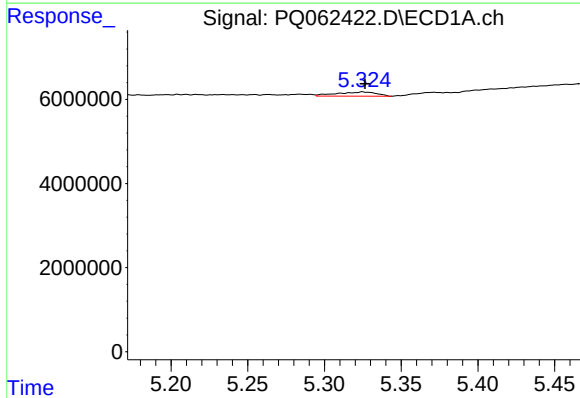
R.T.: 5.371 min
Delta R.T.: -0.017 min
Response: 408613
Conc: 2.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



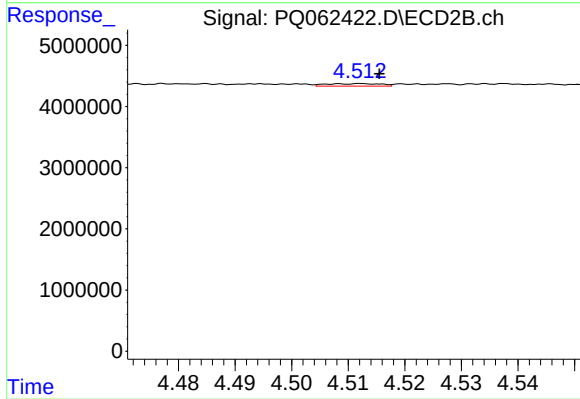
#25 AR-1248-5

R.T.: 4.546 min
Delta R.T.: -0.008 min
Response: 143298
Conc: 1.28 ng/ml



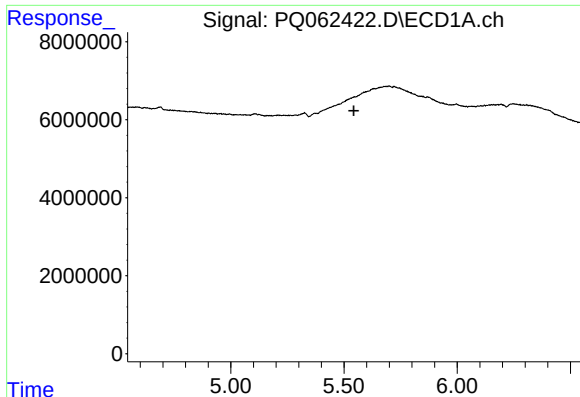
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.001 min
Response: 1784784
Conc: 9.60 ng/ml



#26 AR-1254-1

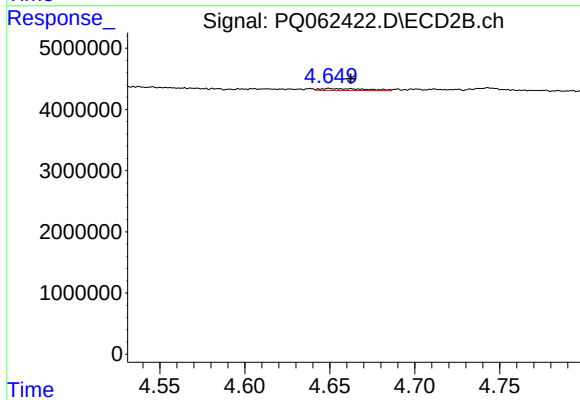
R.T.: 4.512 min
Delta R.T.: -0.003 min
Response: 278649
Conc: 1.73 ng/ml



#27 AR-1254-2

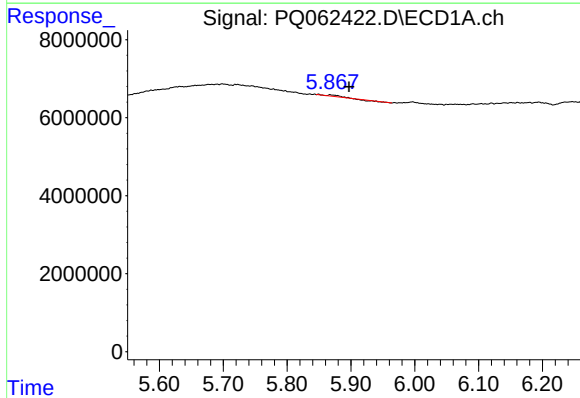
R.T.: 0.000 min
Exp R.T.: 5.544 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



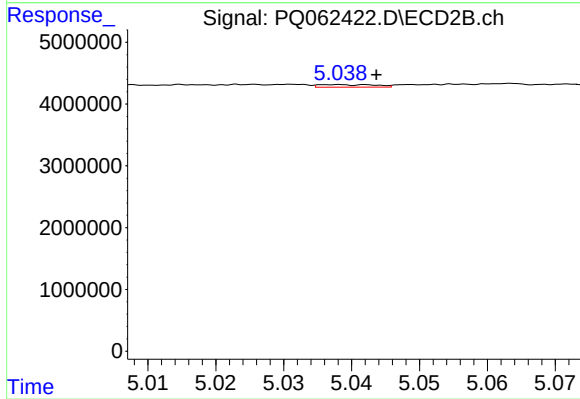
#27 AR-1254-2

R.T.: 4.649 min
Delta R.T.: -0.013 min
Response: 586610
Conc: 3.98 ng/ml



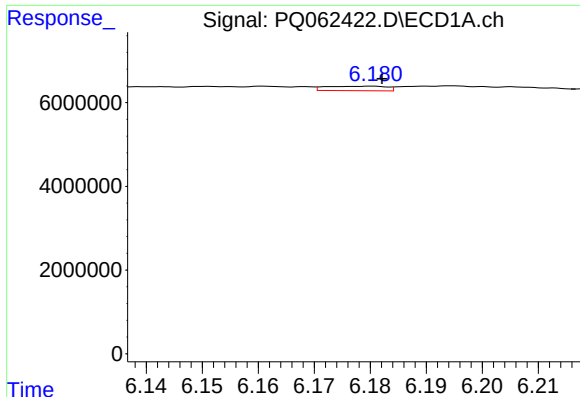
#28 AR-1254-3

R.T.: 5.867 min
Delta R.T.: -0.030 min
Response: 262232
Conc: 0.85 ng/ml



#28 AR-1254-3

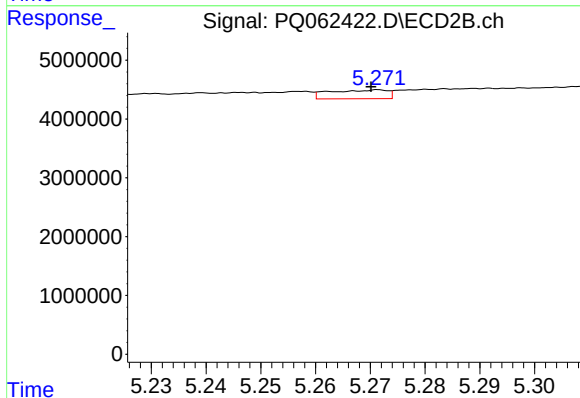
R.T.: 5.038 min
Delta R.T.: -0.005 min
Response: 236279
Conc: 1.01 ng/ml



#29 AR-1254-4

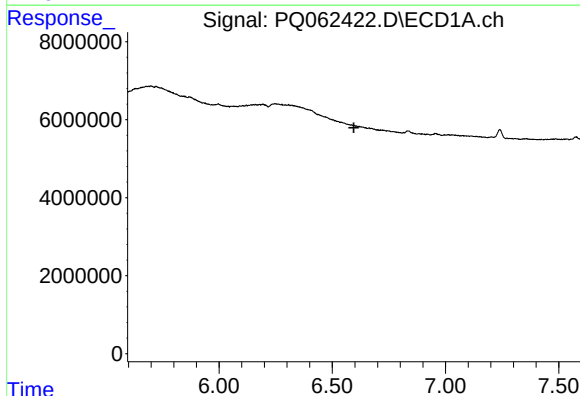
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 814779
Conc: 3.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



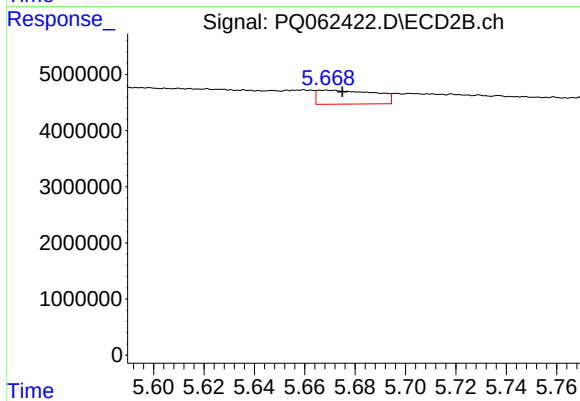
#29 AR-1254-4

R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 1087845
Conc: 7.14 ng/ml



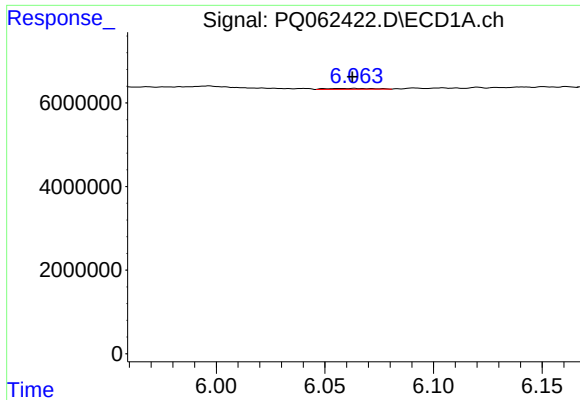
#30 AR-1254-5

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



#30 AR-1254-5

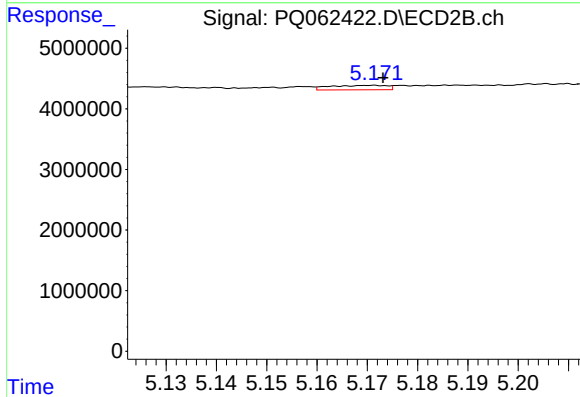
R.T.: 5.669 min
Delta R.T.: -0.006 min
Response: 3962252
Conc: 17.17 ng/ml



#31 AR-1260-1

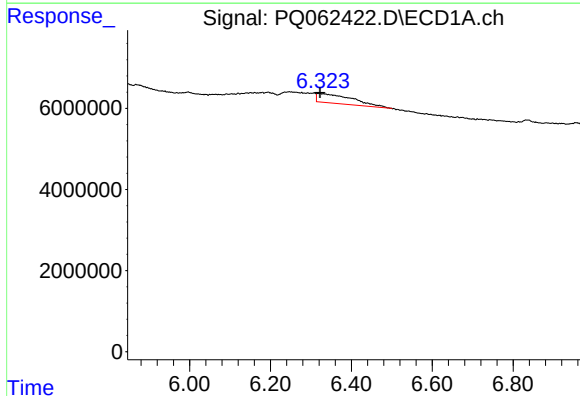
R.T.: 6.064 min
Delta R.T.: 0.001 min
Response: 327223
Conc: 1.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



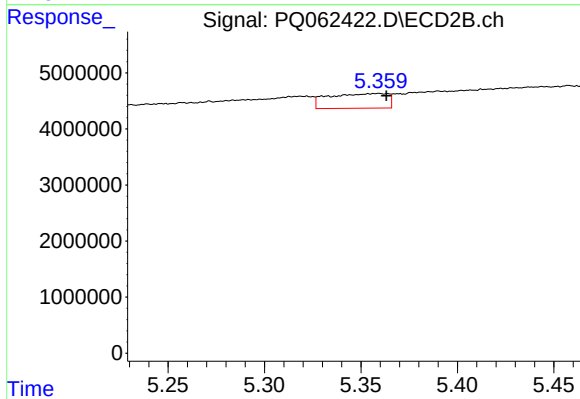
#31 AR-1260-1

R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 579525
Conc: 3.48 ng/ml



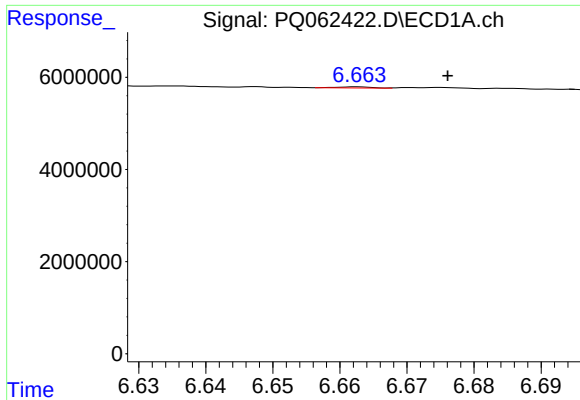
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 14120379
Conc: 48.89 ng/ml



#32 AR-1260-2

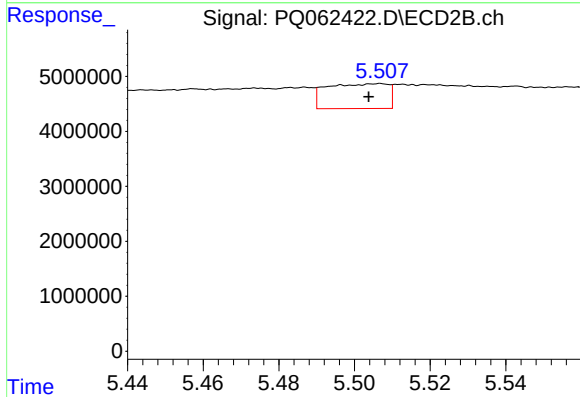
R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 5565528
Conc: 26.76 ng/ml



#33 AR-1260-3

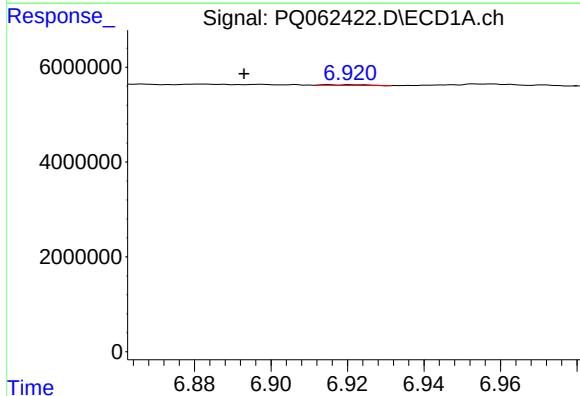
R.T.: 6.662 min
Delta R.T.: -0.014 min
Response: 88504
Conc: 0.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



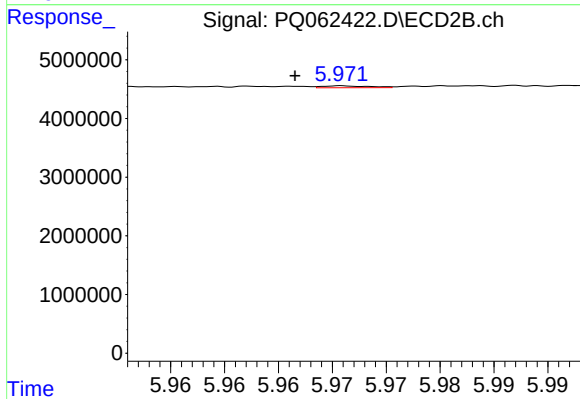
#33 AR-1260-3

R.T.: 5.507 min
Delta R.T.: 0.003 min
Response: 5101678
Conc: 26.22 ng/ml



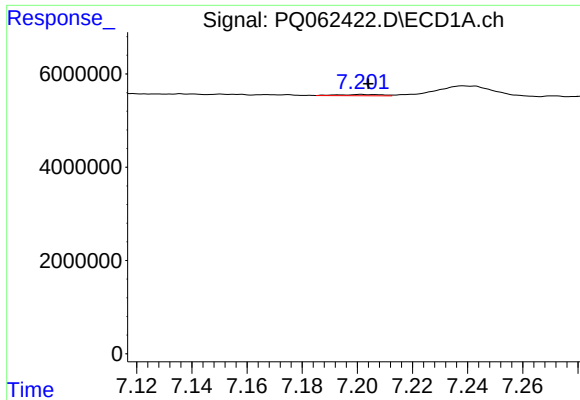
#34 AR-1260-4

R.T.: 6.915 min
Delta R.T.: 0.022 min
Response: 113653
Conc: 0.54 ng/ml



#34 AR-1260-4

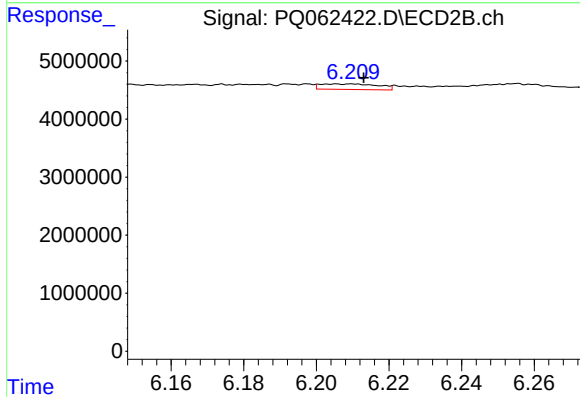
R.T.: 5.971 min
Delta R.T.: 0.005 min
Response: 96416
Conc: 0.66 ng/ml



#35 AR-1260-5

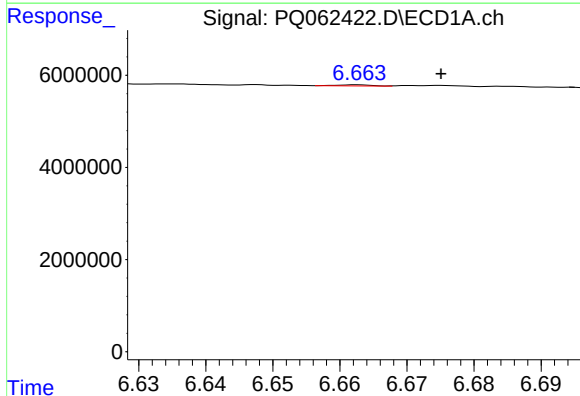
R.T.: 7.201 min
Delta R.T.: -0.003 min
Response: 314902
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



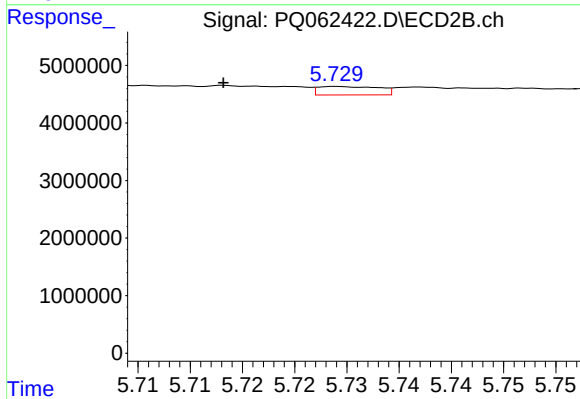
#35 AR-1260-5

R.T.: 6.206 min
Delta R.T.: -0.007 min
Response: 1055288
Conc: 3.18 ng/ml



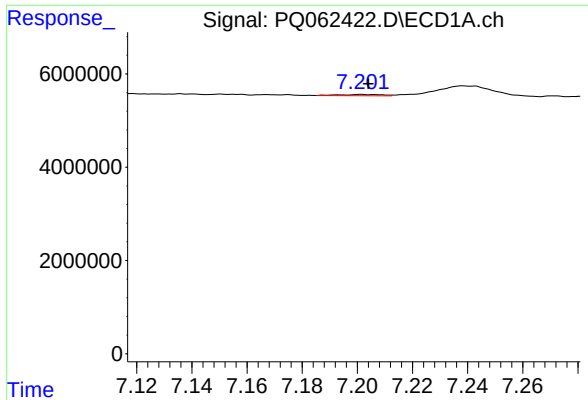
#36 AR-1262-1

R.T.: 6.662 min
Delta R.T.: -0.013 min
Response: 88504
Conc: 0.29 ng/ml



#36 AR-1262-1

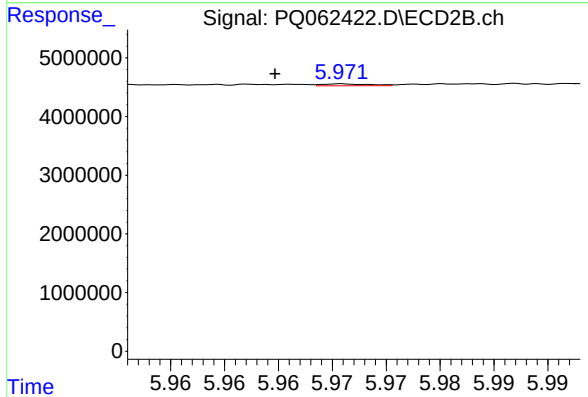
R.T.: 5.729 min
Delta R.T.: 0.011 min
Response: 594256
Conc: 2.56 ng/ml



#37 AR-1262-2

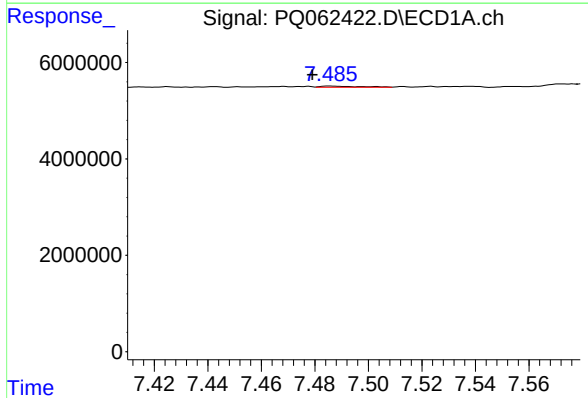
R.T.: 7.201 min
Delta R.T.: -0.003 min
Response: 314902
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



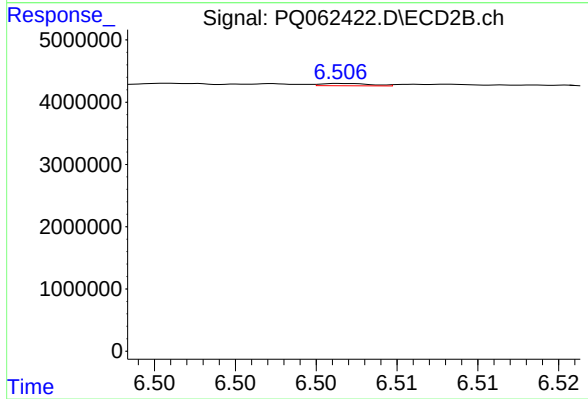
#37 AR-1262-2

R.T.: 5.971 min
Delta R.T.: 0.006 min
Response: 96416
Conc: 0.45 ng/ml



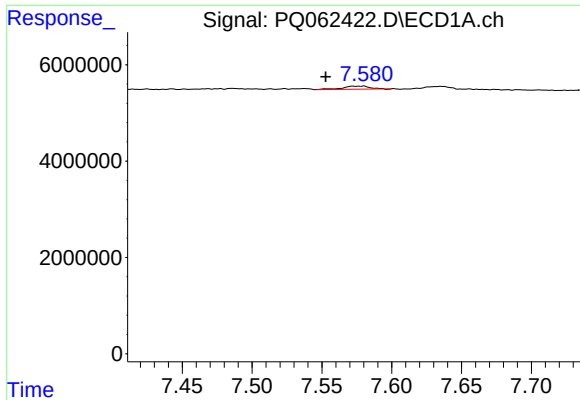
#38 AR-1262-3

R.T.: 7.486 min
Delta R.T.: 0.007 min
Response: 269545
Conc: 0.77 ng/ml



#38 AR-1262-3

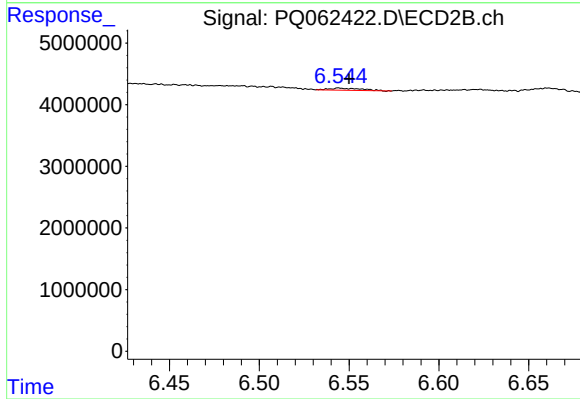
R.T.: 6.507 min
Delta R.T.: 0.018 min
Response: 80590
Conc: 0.46 ng/ml



#39 AR-1262-4

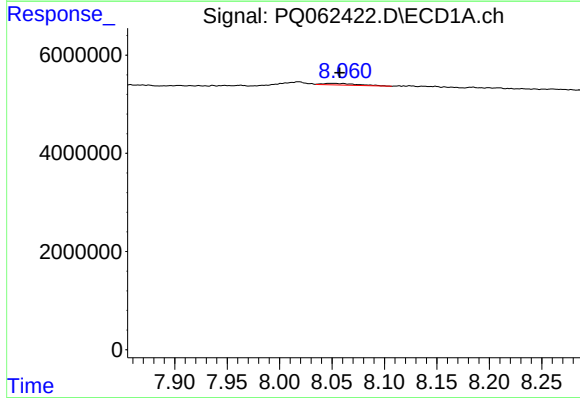
R.T.: 7.580 min
Delta R.T.: 0.027 min
Response: 867212
Conc: 3.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



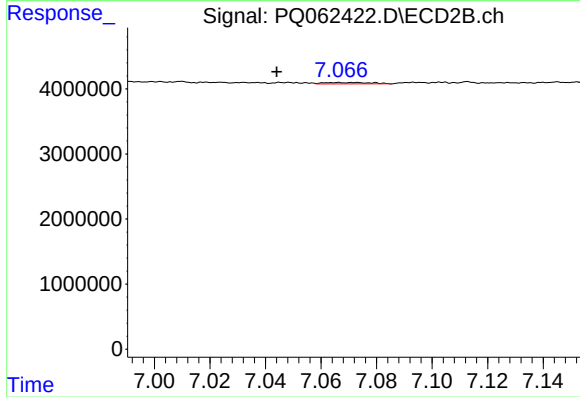
#39 AR-1262-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 409720
Conc: 1.27 ng/ml



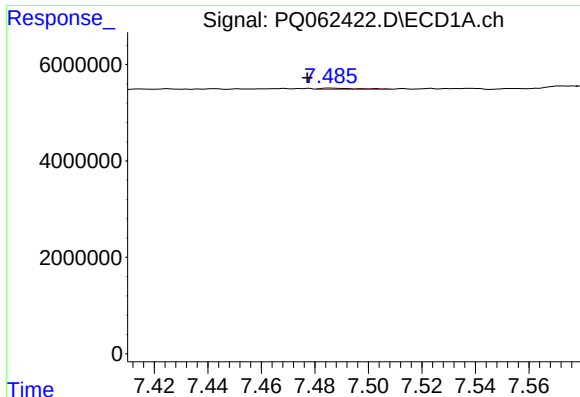
#40 AR-1262-5

R.T.: 8.048 min
Delta R.T.: -0.009 min
Response: 771891
Conc: 4.35 ng/ml



#40 AR-1262-5

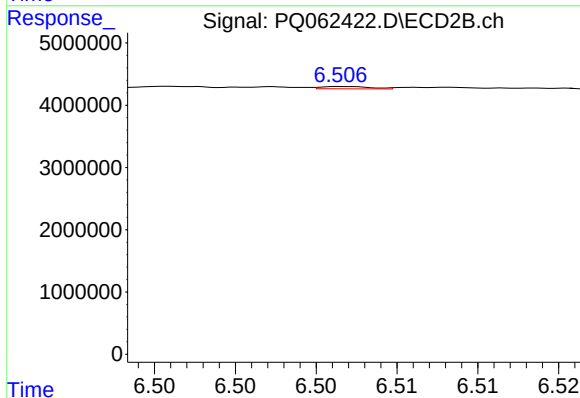
R.T.: 7.066 min
Delta R.T.: 0.022 min
Response: 247298
Conc: 1.59 ng/ml



#41 AR-1268-1

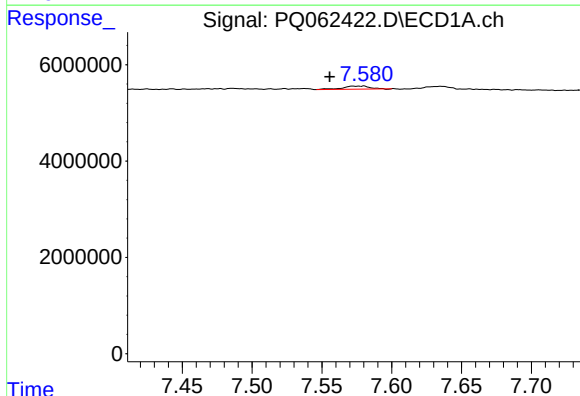
R.T.: 7.486 min
Delta R.T.: 0.009 min
Response: 269545
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



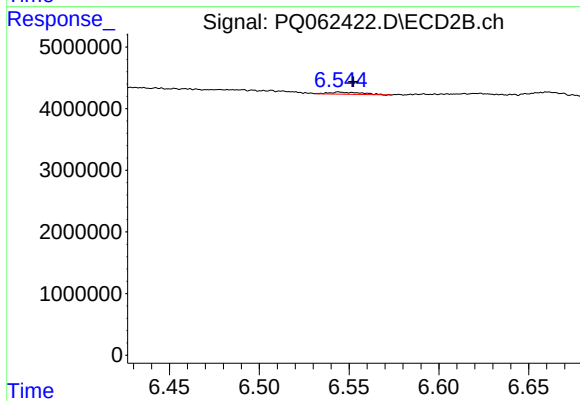
#41 AR-1268-1

R.T.: 6.507 min
Delta R.T.: 0.017 min
Response: 80590
Conc: 0.17 ng/ml



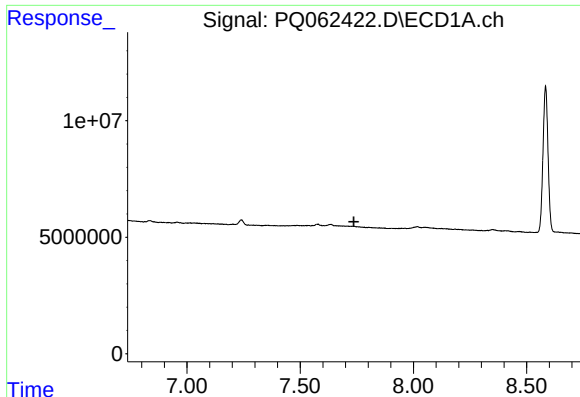
#42 AR-1268-2

R.T.: 7.580 min
Delta R.T.: 0.024 min
Response: 867212
Conc: 1.70 ng/ml



#42 AR-1268-2

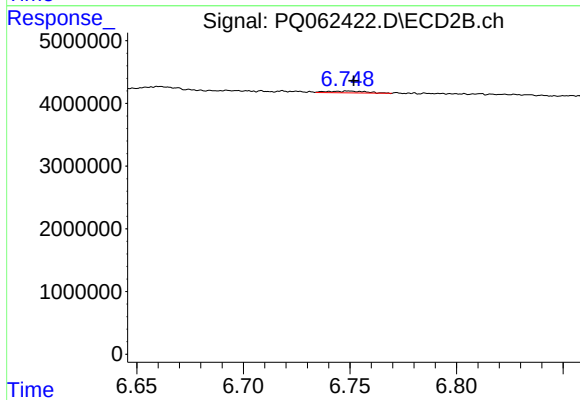
R.T.: 6.544 min
Delta R.T.: -0.008 min
Response: 409720
Conc: 0.97 ng/ml



#43 AR-1268-3

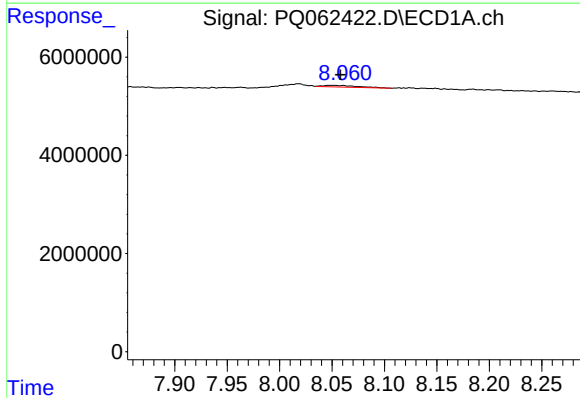
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



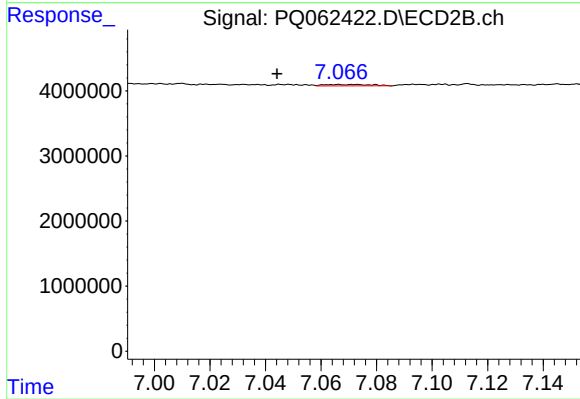
#43 AR-1268-3

R.T.: 6.744 min
Delta R.T.: -0.008 min
Response: 352225
Conc: 0.96 ng/ml



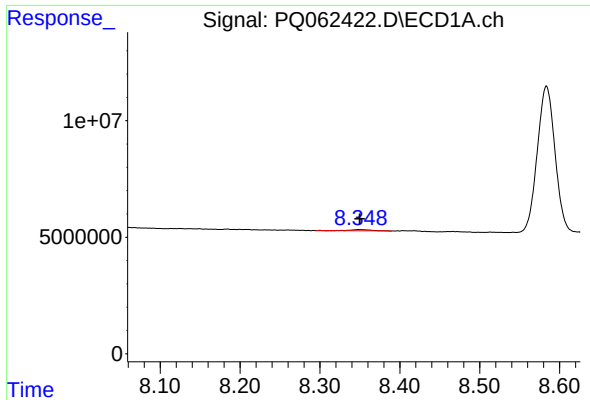
#44 AR-1268-4

R.T.: 8.048 min
Delta R.T.: -0.010 min
Response: 771891
Conc: 4.22 ng/ml



#44 AR-1268-4

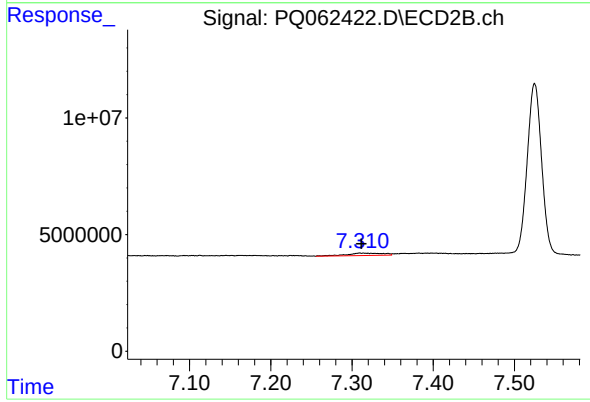
R.T.: 7.066 min
Delta R.T.: 0.022 min
Response: 247298
Conc: 1.55 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.001 min
Response: 904529
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.309 min
Delta R.T.: -0.002 min
Response: 3143913
Conc: 2.69 ng/ml