

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 12:54
 Operator : YP\AJ
 Sample : 03572-07
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 01:08:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 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...	3.453	2.784	90941934	78952142	16.924	19.143
2) SA Decachlor...	8.686	7.595	76909964	82549056	19.864	19.085
Target Compounds						
3) L1 AR-1016-1	4.563	3.796	526563	404733	2.706	2.540
4) L1 AR-1016-2	4.586	3.814	374840	623719	1.351	2.919 #
5) L1 AR-1016-3	4.639	3.973	2649045	170367	15.491	1.425 #
6) L1 AR-1016-4	4.734	4.023	174400	3135083	1.239	32.312 #
7) L1 AR-1016-5	5.026	4.219	7029890	2022825	51.092	16.075 #
8) L2 AR-1221-1	3.664	2.990	560441	220082	8.236	4.011 #
9) L2 AR-1221-2	3.734	3.073	1591570	43867	33.358	1.163 #
10) L2 AR-1221-3	3.803	3.128	251971	15190	1.633	0.126 #
11) L3 AR-1232-1	3.803	3.128	251971	15190	1.950	0.156 #
12) L3 AR-1232-2	4.311	3.814	282193	623719	4.046	6.412 #
13) L3 AR-1232-3	4.586	3.973	374840	170367	3.068	3.209
14) L3 AR-1232-4	4.734	4.061	174400	1301268	2.890	28.351 #
15) L3 AR-1232-5	4.834	4.219	3214297	2022825	73.644	37.306 #
16) L4 AR-1242-1	4.563	3.796	526563	404733	3.120	2.803
17) L4 AR-1242-2	4.586	3.814	374840	623719	1.554	3.283 #
18) L4 AR-1242-3	4.639	3.973	2649045	170367	18.085	1.579 #
19) L4 AR-1242-4	4.734	4.061	174400	1301268	1.409	13.061 #
20) L4 AR-1242-5	5.458	4.560	43601353	6125581	329.919	45.306 #
21) L5 AR-1248-1	4.563	3.796	526563	404733	3.955	3.623
22) L5 AR-1248-2	4.834	4.023	3214297	3135083	18.393	19.853
23) L5 AR-1248-3	5.026	4.061	7029890	1301268	33.243	8.533 #
24) L5 AR-1248-4	5.422	4.219	23403660	2022825	98.227	10.637 #
25) L5 AR-1248-5	5.458	4.597	43601353	817969	187.628	4.229 #
26) L6 AR-1254-1	5.395	4.560	37560741	6125581	171.506	22.830 #
27) L6 AR-1254-2	5.613	4.708	11222926	6552152	33.141	27.915
28) L6 AR-1254-3	5.970	5.092	36899352	36664306	102.922	96.952
29) L6 AR-1254-4	6.255	5.319	29554757	16870192	109.082	69.055 #
30) L6 AR-1254-5	6.672	5.730	6686012	14874578	24.187	43.098 #
31) L7 AR-1260-1	6.135	5.221	49381339	33006344	193.170	132.249 #
32) L7 AR-1260-2	6.397	5.413	8913075	5858489	29.366	19.023 #
33) L7 AR-1260-3	0.000	5.553	0	3360686	N.D.	10.845 #
34) L7 AR-1260-4	6.981	6.011	2138129	4891096	8.922	19.946 #
35) L7 AR-1260-5	7.285	6.267	1039032	2466667	2.215	4.513 #
36) L8 AR-1262-1	0.000	5.822	0	1457741	N.D.	10.209 #
37) L8 AR-1262-2	7.285	6.011	1039032	4891096	1.915	15.652 #
38) L8 AR-1262-3	7.564	6.568	506736	836247	1.403	3.317 #
39) L8 AR-1262-4	7.650	6.604	1429967	1745883	5.102	3.734 #
40) L8 AR-1262-5	8.154	7.108	370764	98733	1.973	0.449 #
41) L9 AR-1268-1	7.564	6.568	506736	836247	0.784	1.121 #

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 Sample : 03572-07
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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 11 01:08:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

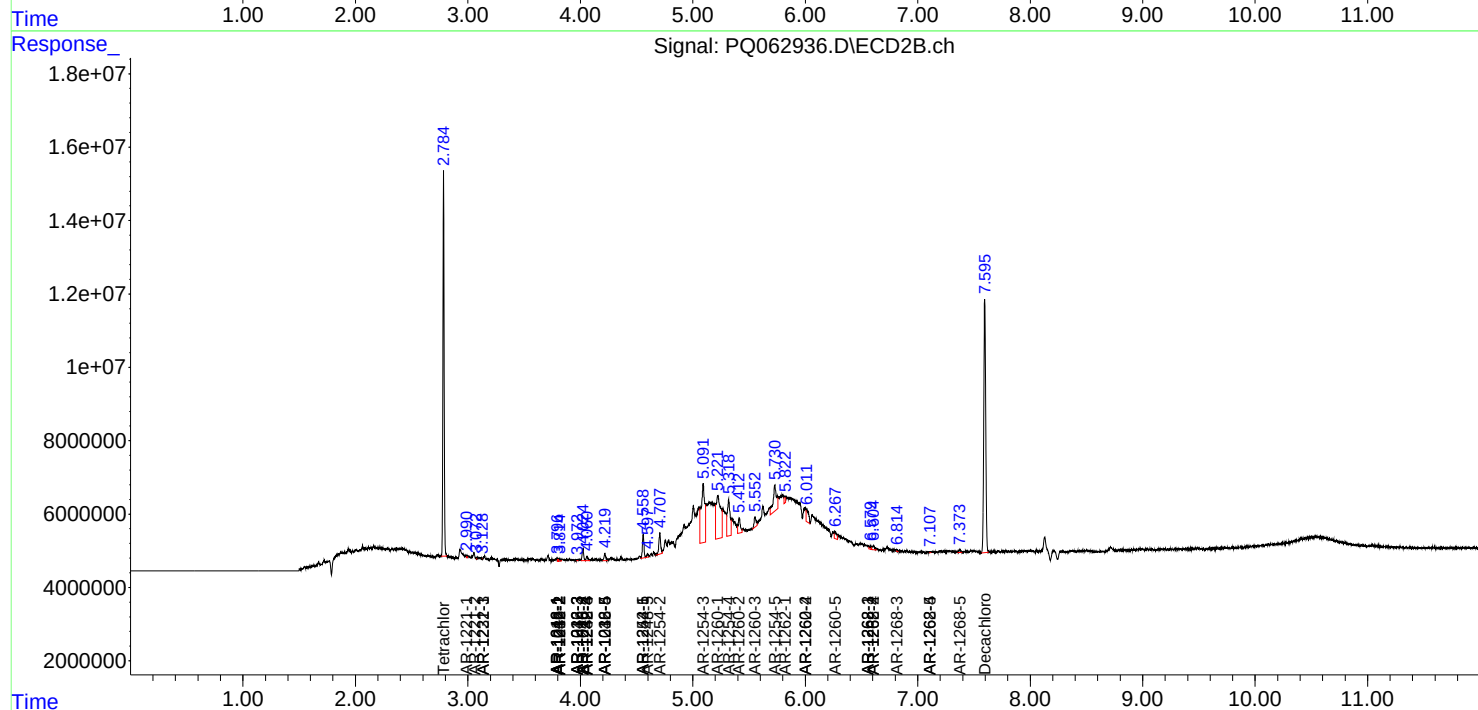
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

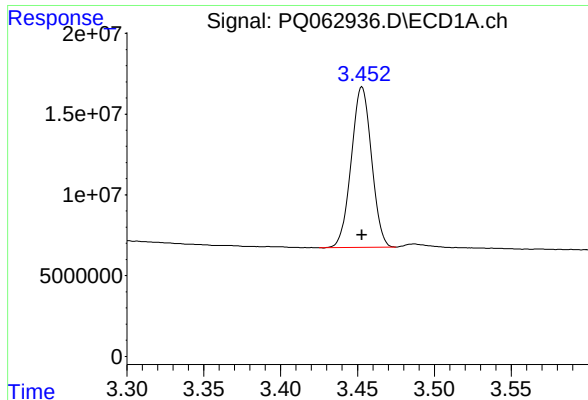
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.650	6.604	1429967	1745883	2.385	2.543
43) L9	AR-1268-3	7.818	6.814	848186	229750	1.723	0.391 #
44) L9	AR-1268-4	8.154	7.108	370764	98733	1.728	0.388 #
45) L9	AR-1268-5	8.443	7.373	791836	899035	0.514	0.508

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

Instrument :
ECD_Q
ClientSampleId :

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

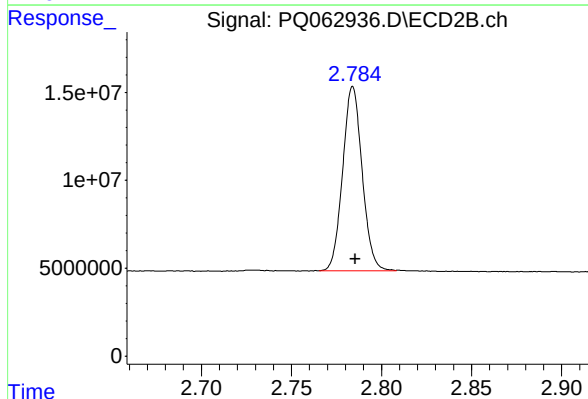




#1 Tetrachloro-m-xylene

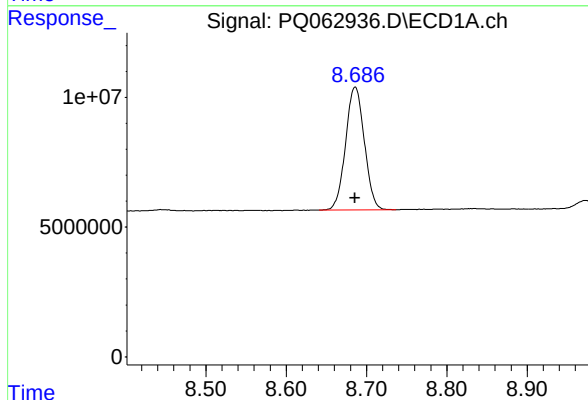
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 90941934
Conc: 16.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



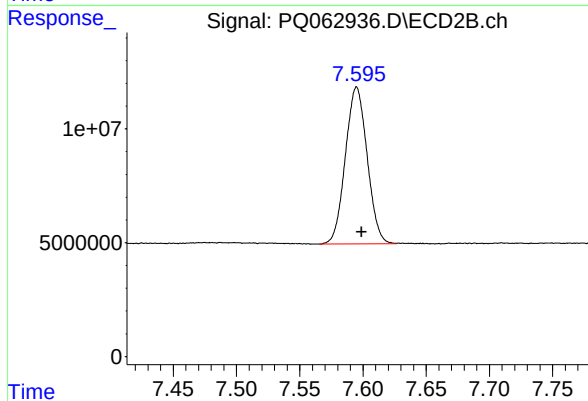
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.001 min
Response: 78952142
Conc: 19.14 ng/ml



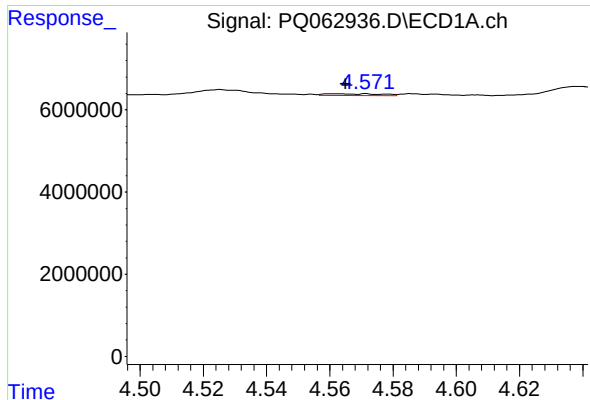
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 76909964
Conc: 19.86 ng/ml



#2 Decachlorobiphenyl

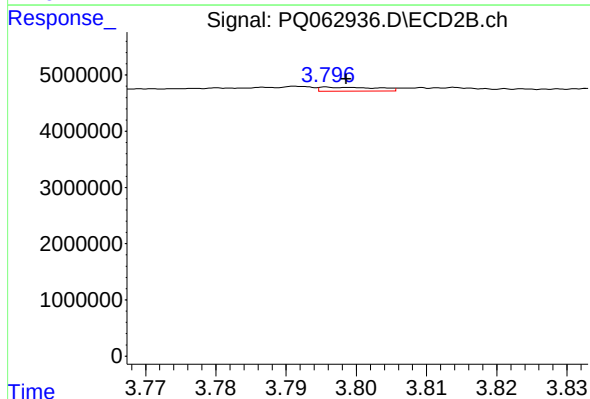
R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 82549056
Conc: 19.08 ng/ml



#3 AR-1016-1

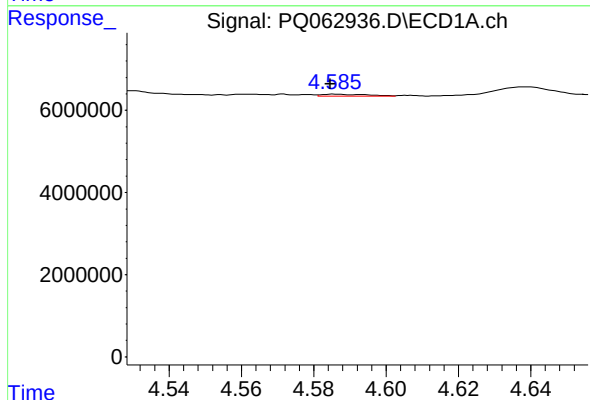
R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 526563
Conc: 2.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



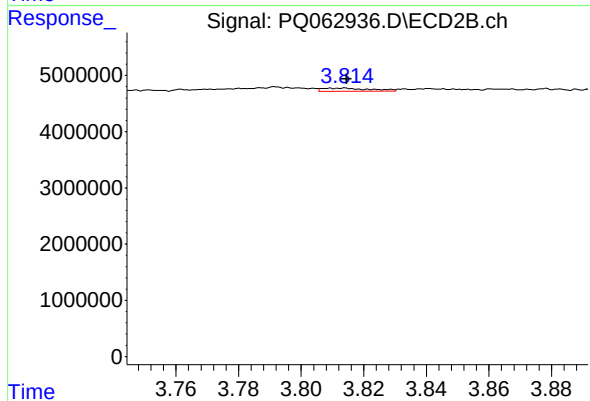
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: -0.003 min
Response: 404733
Conc: 2.54 ng/ml



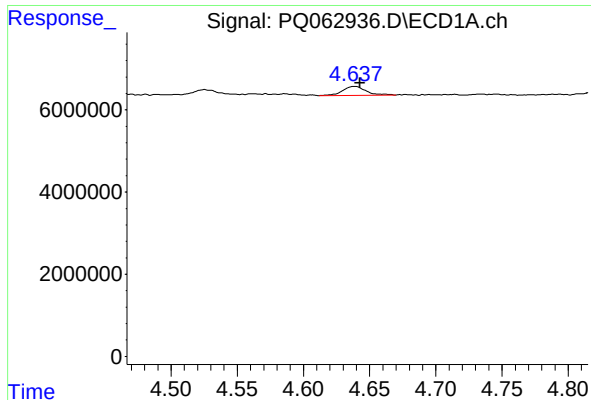
#4 AR-1016-2

R.T.: 4.586 min
Delta R.T.: 0.001 min
Response: 374840
Conc: 1.35 ng/ml



#4 AR-1016-2

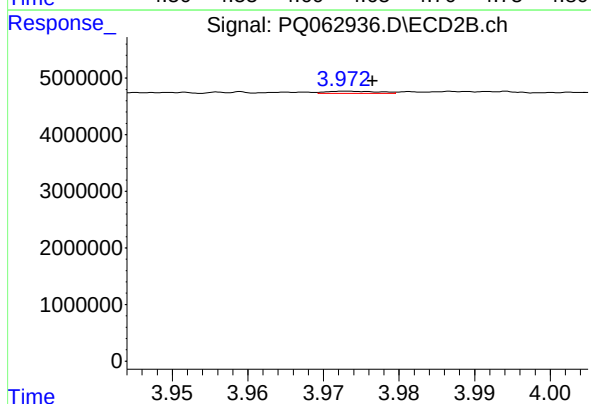
R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 623719
Conc: 2.92 ng/ml



#5 AR-1016-3

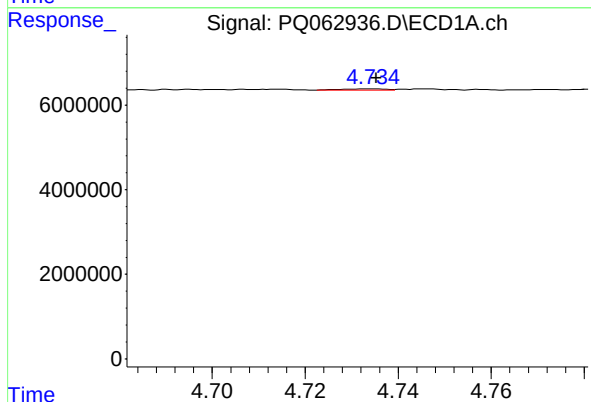
R.T.: 4.639 min
Delta R.T.: -0.004 min
Response: 2649045
Conc: 15.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



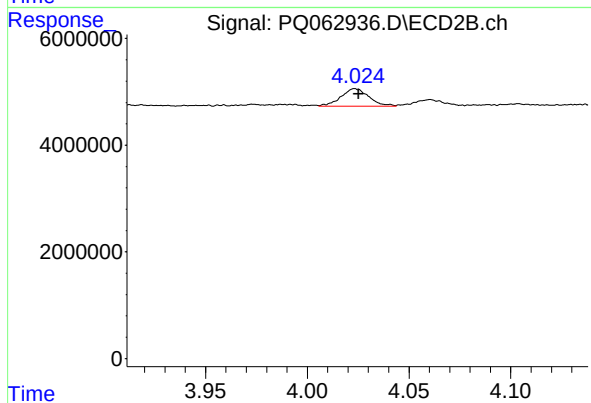
#5 AR-1016-3

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 170367
Conc: 1.42 ng/ml



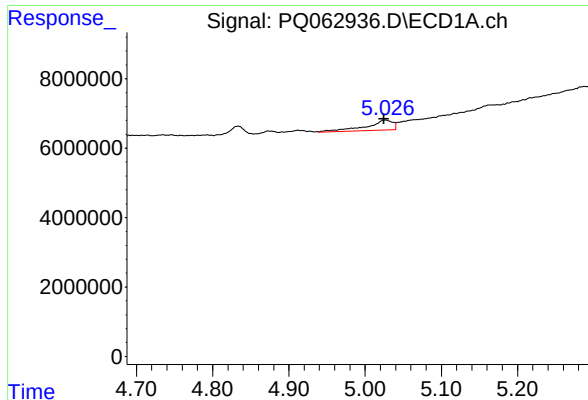
#6 AR-1016-4

R.T.: 4.734 min
Delta R.T.: -0.001 min
Response: 174400
Conc: 1.24 ng/ml



#6 AR-1016-4

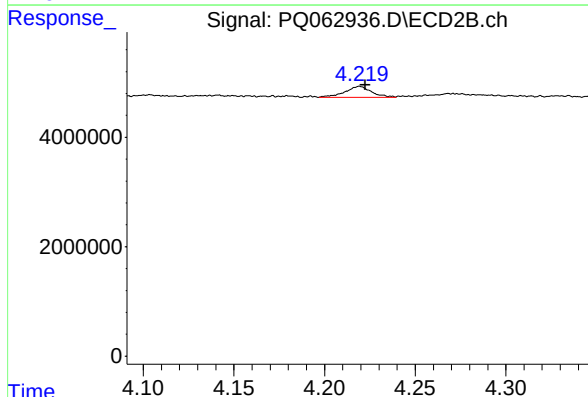
R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 3135083
Conc: 32.31 ng/ml



#7 AR-1016-5

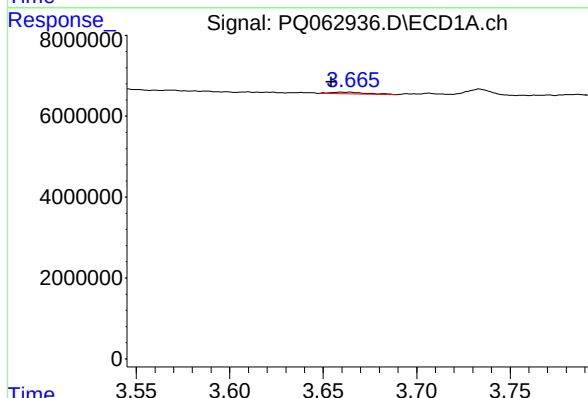
R.T.: 5.026 min
Delta R.T.: 0.001 min
Response: 7029890
Conc: 51.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



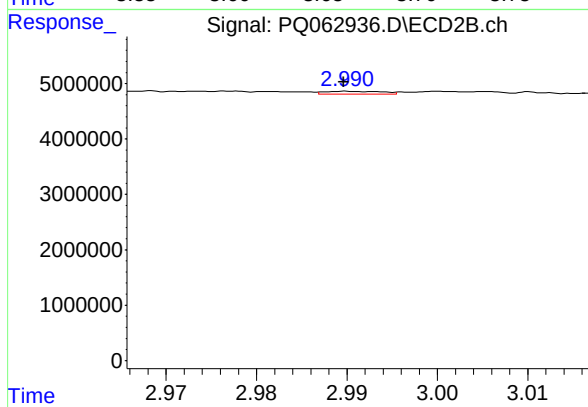
#7 AR-1016-5

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 2022825
Conc: 16.07 ng/ml



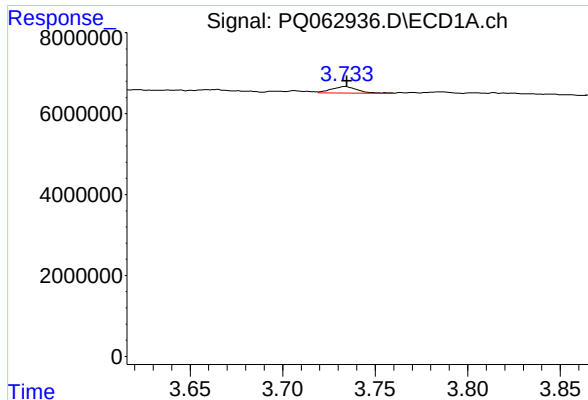
#8 AR-1221-1

R.T.: 3.664 min
Delta R.T.: 0.010 min
Response: 560441
Conc: 8.24 ng/ml



#8 AR-1221-1

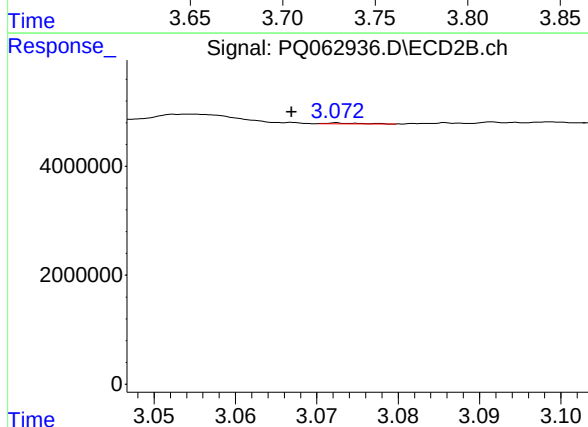
R.T.: 2.990 min
Delta R.T.: 0.000 min
Response: 220082
Conc: 4.01 ng/ml



#9 AR-1221-2

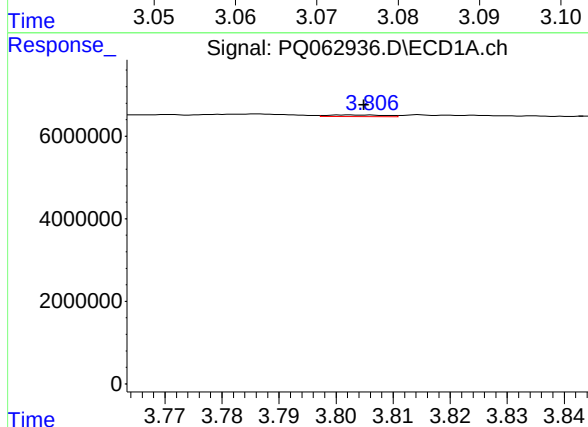
R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 1591570
Conc: 33.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



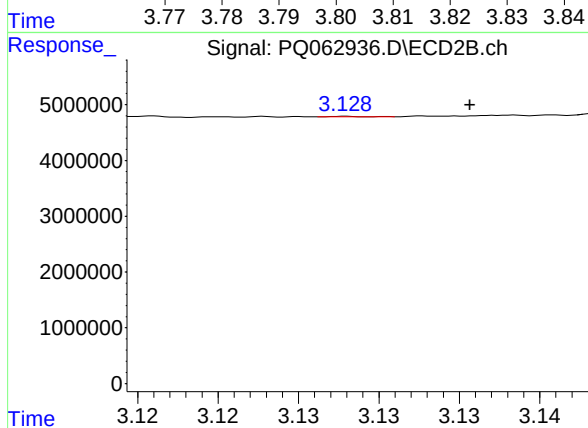
#9 AR-1221-2

R.T.: 3.073 min
Delta R.T.: 0.006 min
Response: 43867
Conc: 1.16 ng/ml



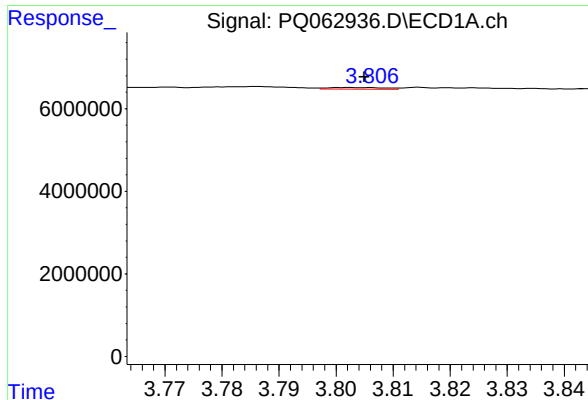
#10 AR-1221-3

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 251971
Conc: 1.63 ng/ml



#10 AR-1221-3

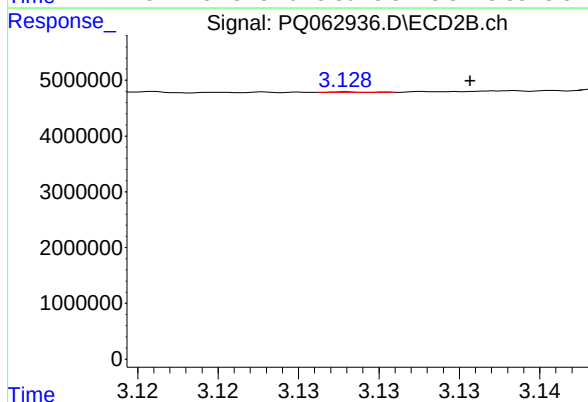
R.T.: 3.128 min
Delta R.T.: -0.008 min
Response: 15190
Conc: 0.13 ng/ml



#11 AR-1232-1

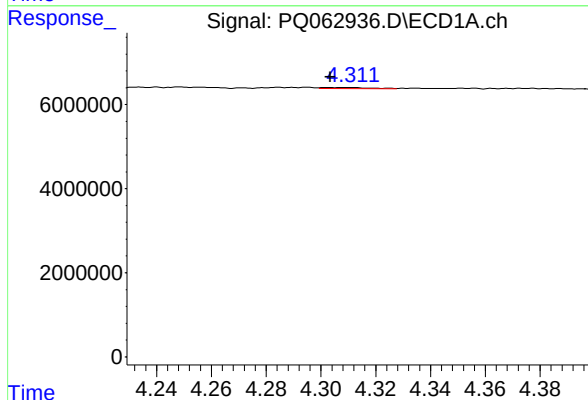
R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 251971
Conc: 1.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



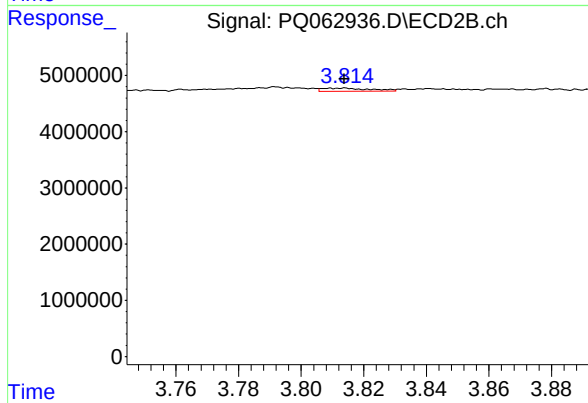
#11 AR-1232-1

R.T.: 3.128 min
Delta R.T.: -0.008 min
Response: 15190
Conc: 0.16 ng/ml



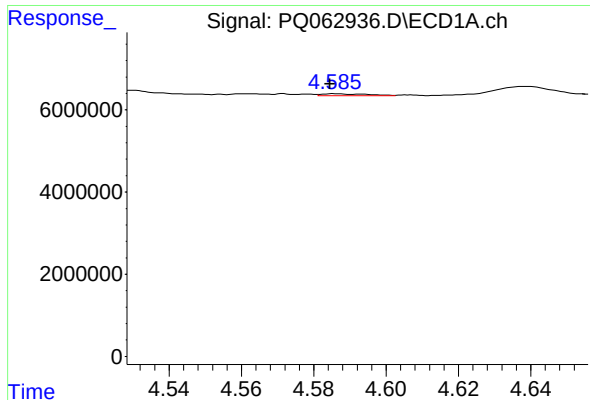
#12 AR-1232-2

R.T.: 4.311 min
Delta R.T.: 0.008 min
Response: 282193
Conc: 4.05 ng/ml



#12 AR-1232-2

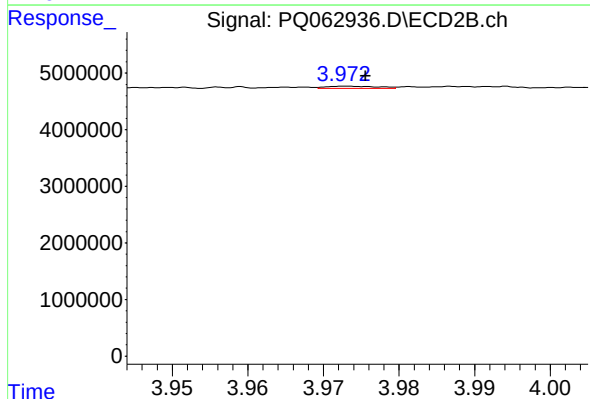
R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 623719
Conc: 6.41 ng/ml



#13 AR-1232-3

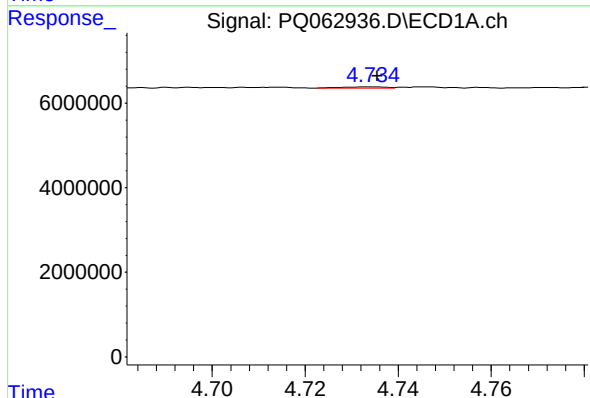
R.T.: 4.586 min
Delta R.T.: 0.001 min
Response: 374840
Conc: 3.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



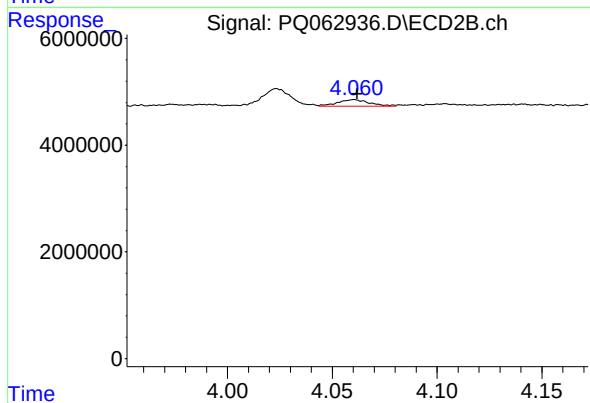
#13 AR-1232-3

R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 170367
Conc: 3.21 ng/ml



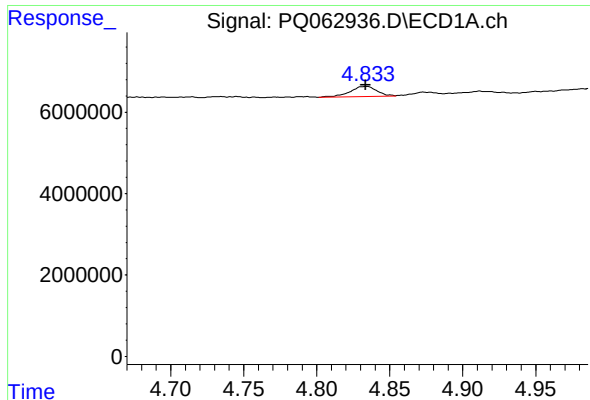
#14 AR-1232-4

R.T.: 4.734 min
Delta R.T.: -0.001 min
Response: 174400
Conc: 2.89 ng/ml



#14 AR-1232-4

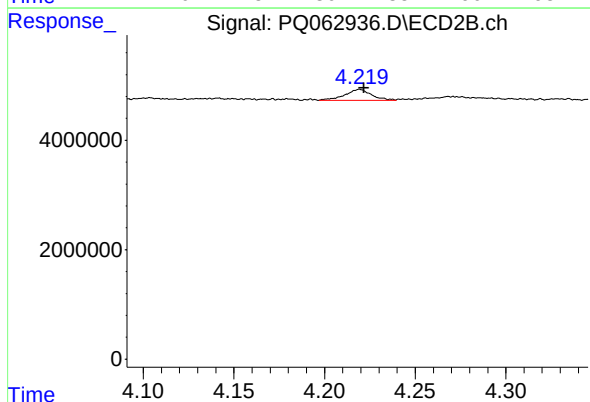
R.T.: 4.061 min
Delta R.T.: -0.001 min
Response: 1301268
Conc: 28.35 ng/ml



#15 AR-1232-5

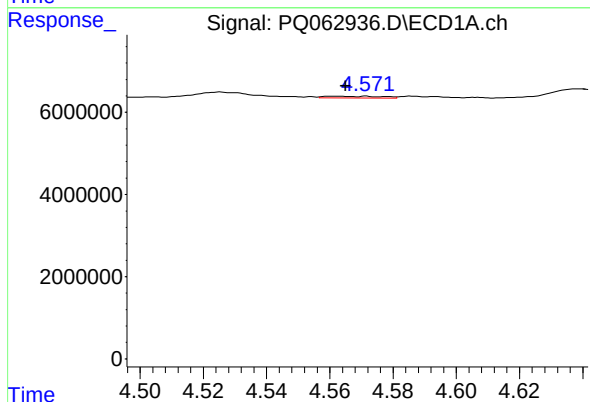
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 3214297
Conc: 73.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



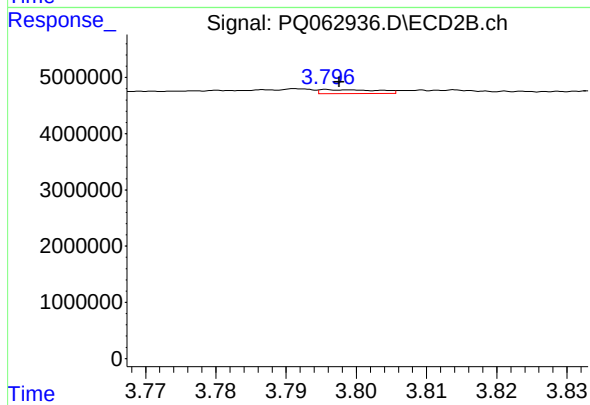
#15 AR-1232-5

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 2022825
Conc: 37.31 ng/ml



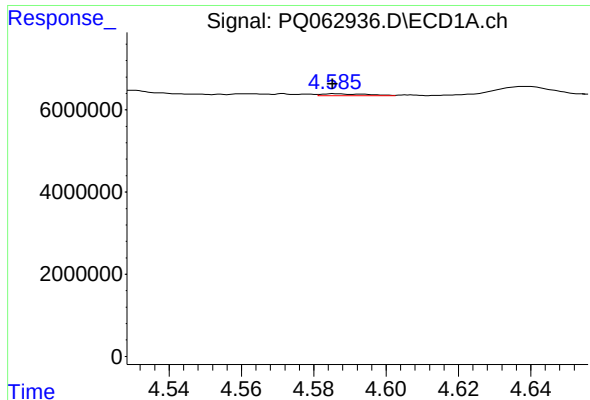
#16 AR-1242-1

R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 526563
Conc: 3.12 ng/ml



#16 AR-1242-1

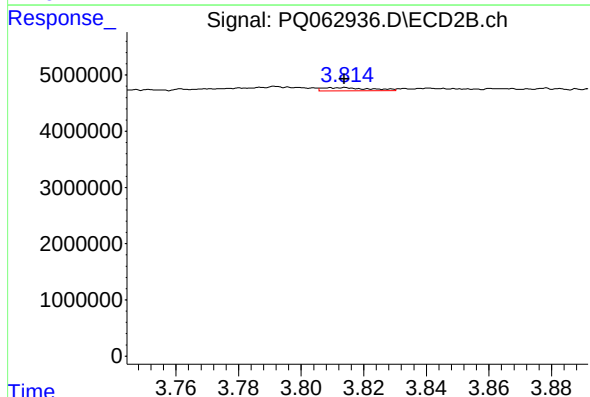
R.T.: 3.796 min
Delta R.T.: -0.002 min
Response: 404733
Conc: 2.80 ng/ml



#17 AR-1242-2

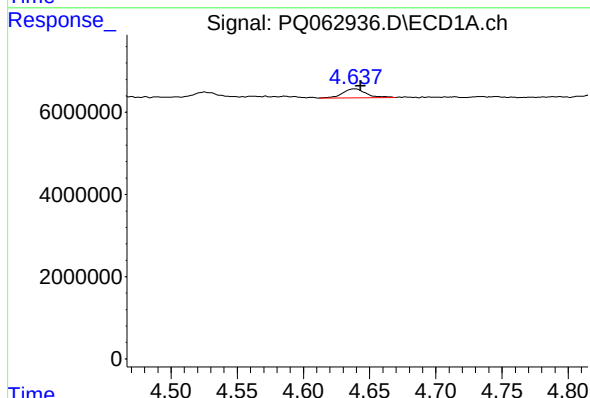
R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 374840
Conc: 1.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



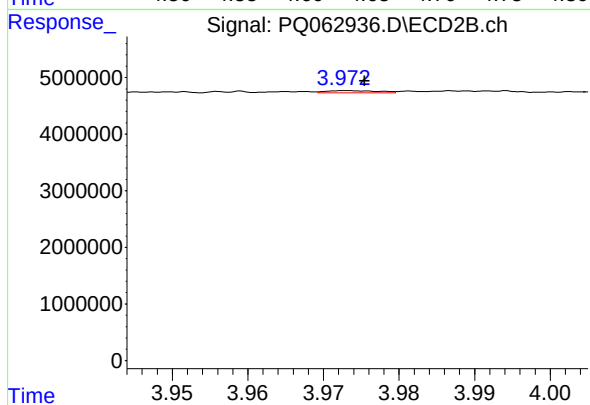
#17 AR-1242-2

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 623719
Conc: 3.28 ng/ml



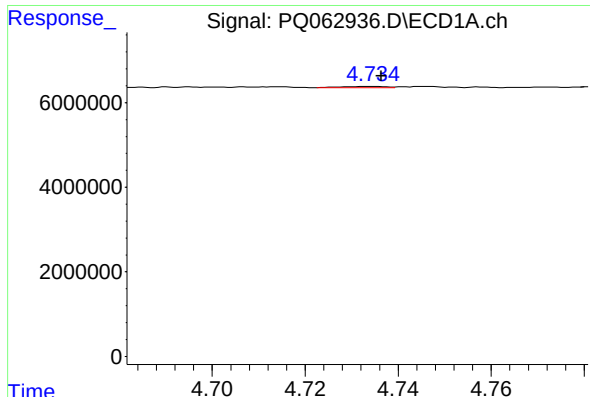
#18 AR-1242-3

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 2649045
Conc: 18.08 ng/ml



#18 AR-1242-3

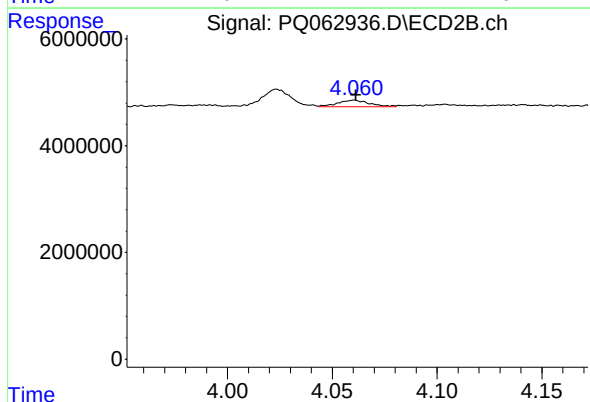
R.T.: 3.973 min
Delta R.T.: -0.002 min
Response: 170367
Conc: 1.58 ng/ml



#19 AR-1242-4

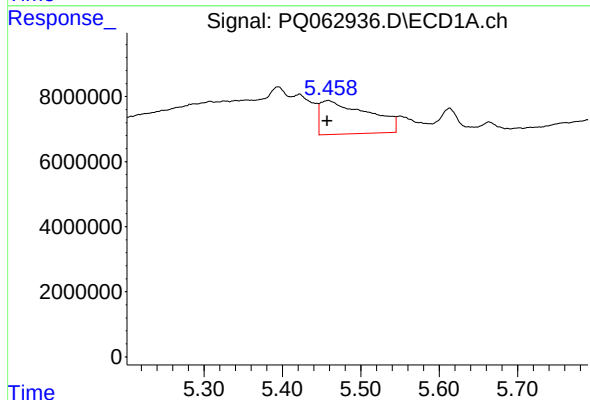
R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 174400
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



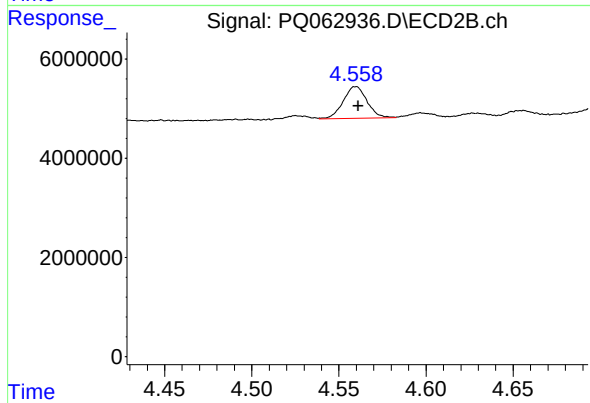
#19 AR-1242-4

R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 1301268
Conc: 13.06 ng/ml



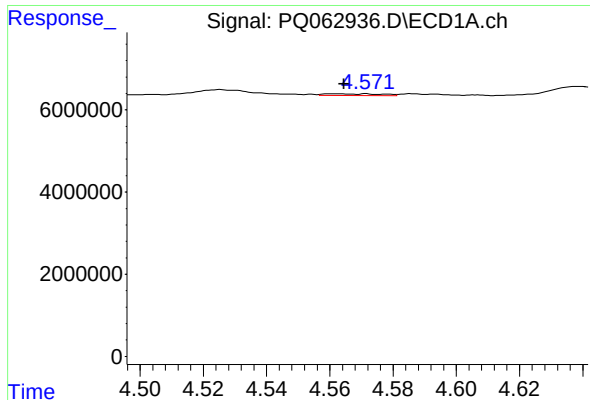
#20 AR-1242-5

R.T.: 5.458 min
Delta R.T.: 0.001 min
Response: 43601353
Conc: 329.92 ng/ml



#20 AR-1242-5

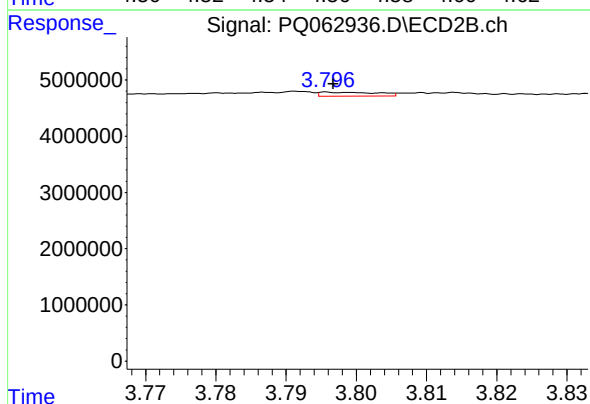
R.T.: 4.560 min
Delta R.T.: -0.001 min
Response: 6125581
Conc: 45.31 ng/ml



#21 AR-1248-1

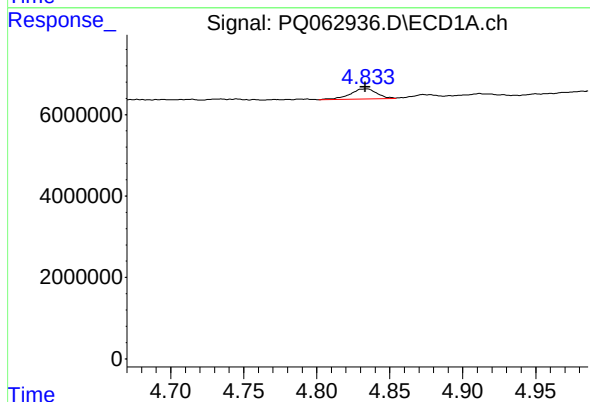
R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 526563
Conc: 3.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



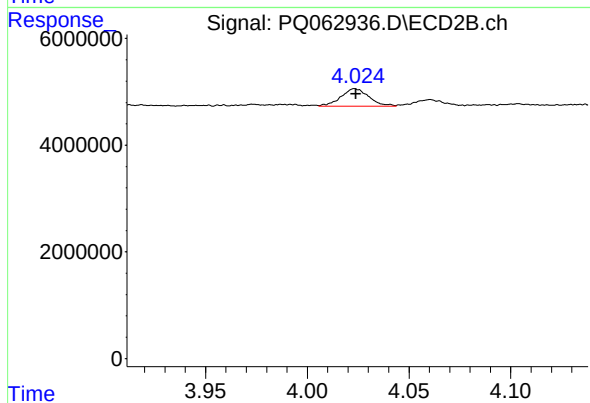
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 404733
Conc: 3.62 ng/ml



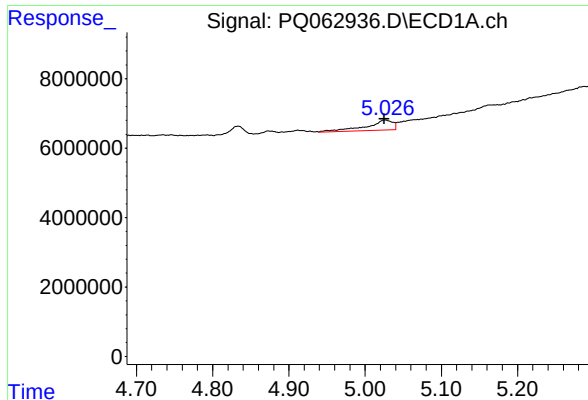
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 3214297
Conc: 18.39 ng/ml



#22 AR-1248-2

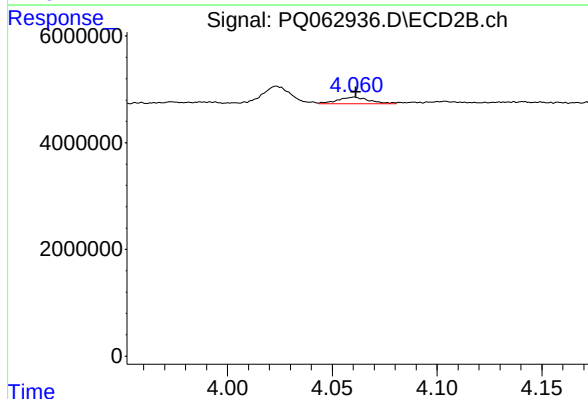
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 3135083
Conc: 19.85 ng/ml



#23 AR-1248-3

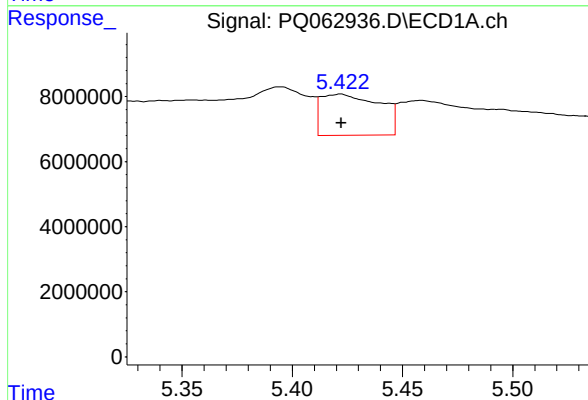
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 7029890
Conc: 33.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



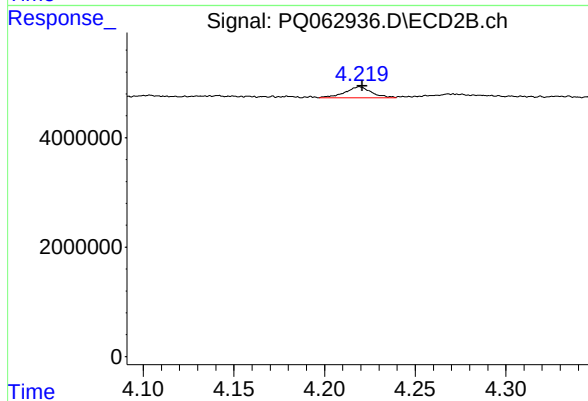
#23 AR-1248-3

R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 1301268
Conc: 8.53 ng/ml



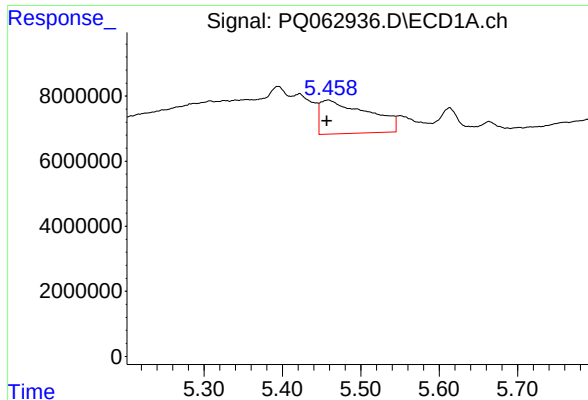
#24 AR-1248-4

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 23403660
Conc: 98.23 ng/ml



#24 AR-1248-4

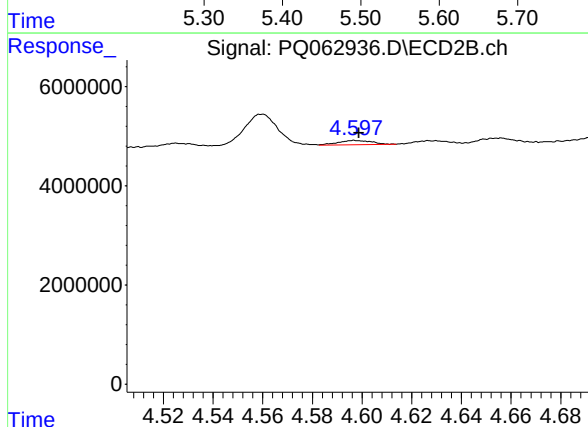
R.T.: 4.219 min
Delta R.T.: -0.001 min
Response: 2022825
Conc: 10.64 ng/ml



#25 AR-1248-5

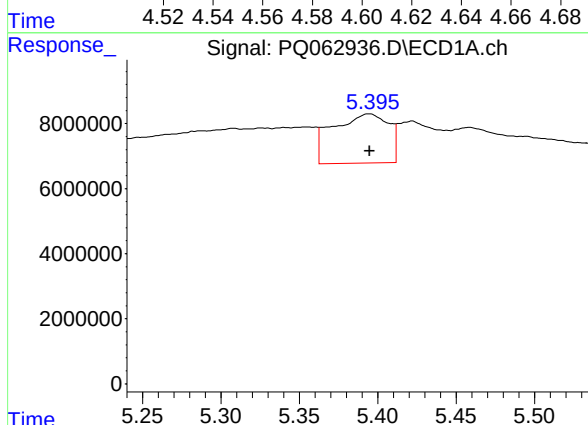
R.T.: 5.458 min
Delta R.T.: 0.001 min
Response: 43601353
Conc: 187.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



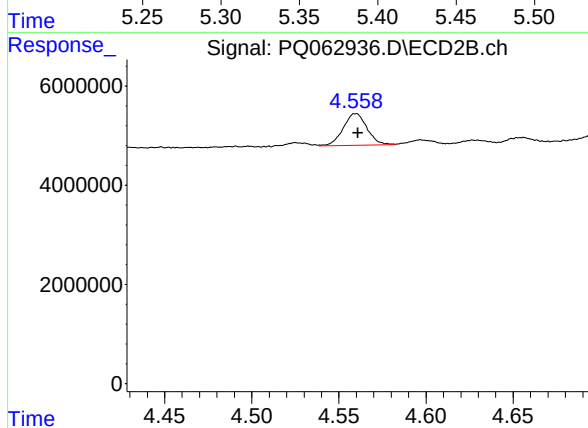
#25 AR-1248-5

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 817969
Conc: 4.23 ng/ml



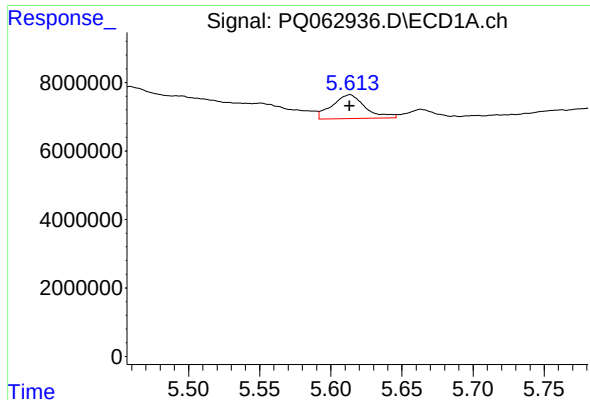
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 37560741
Conc: 171.51 ng/ml



#26 AR-1254-1

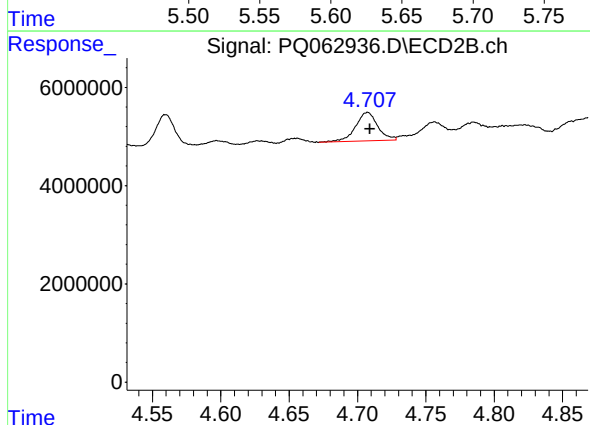
R.T.: 4.560 min
Delta R.T.: -0.001 min
Response: 6125581
Conc: 22.83 ng/ml



#27 AR-1254-2

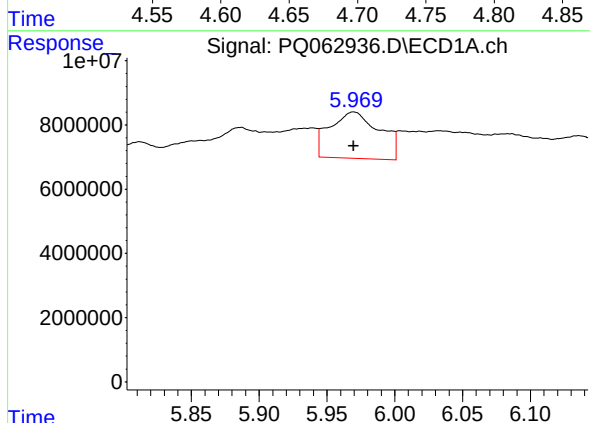
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 11222926
Conc: 33.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



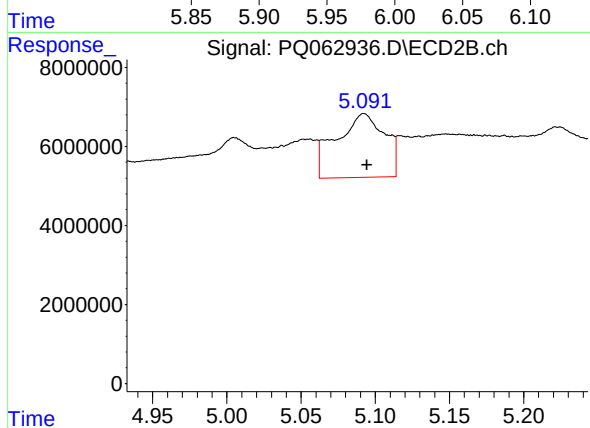
#27 AR-1254-2

R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 6552152
Conc: 27.92 ng/ml



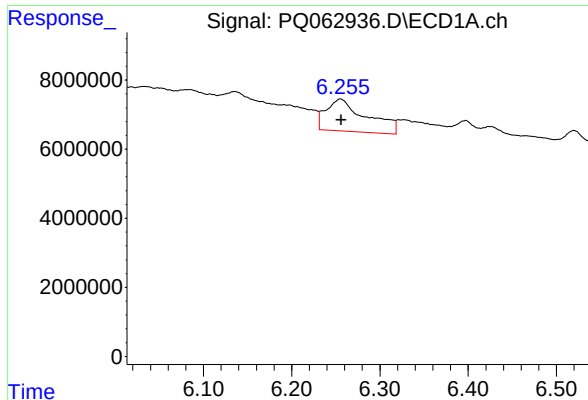
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 36899352
Conc: 102.92 ng/ml



#28 AR-1254-3

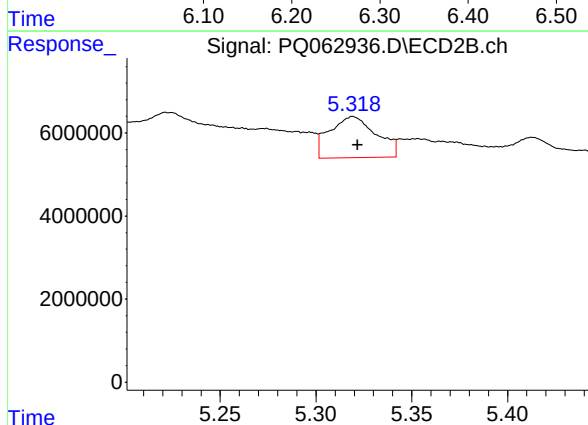
R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 36664306
Conc: 96.95 ng/ml



#29 AR-1254-4

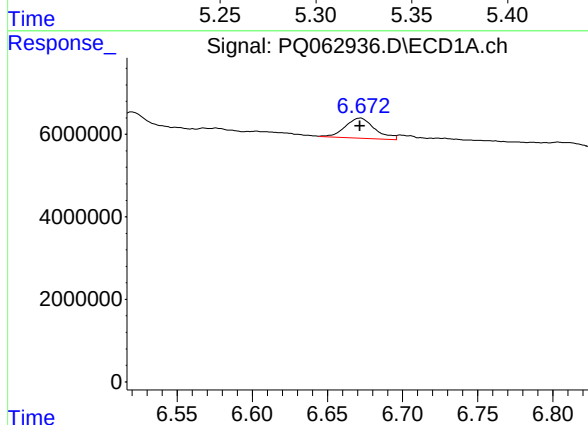
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 29554757
Conc: 109.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



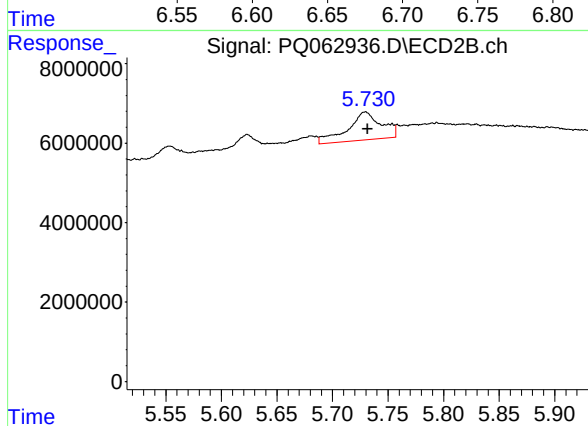
#29 AR-1254-4

R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 16870192
Conc: 69.05 ng/ml



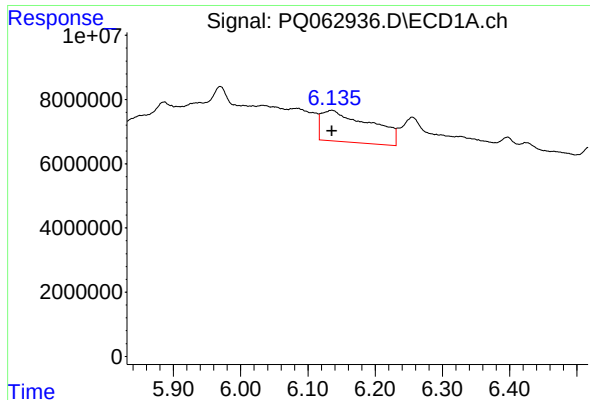
#30 AR-1254-5

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 6686012
Conc: 24.19 ng/ml



#30 AR-1254-5

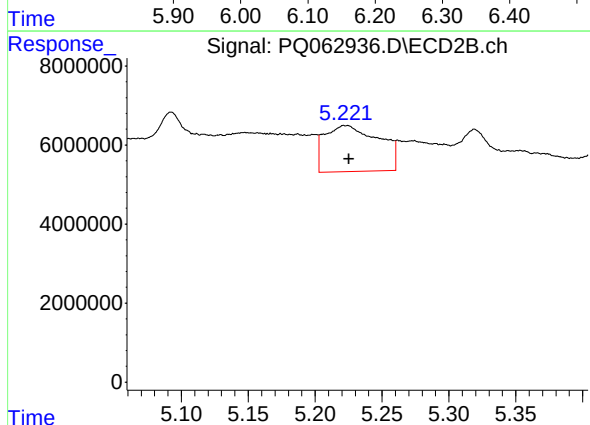
R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 14874578
Conc: 43.10 ng/ml



#31 AR-1260-1

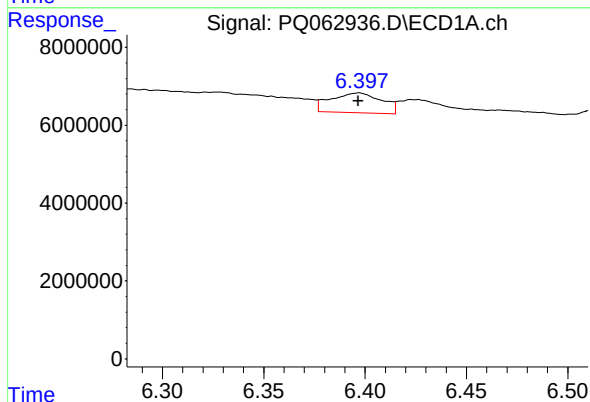
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 49381339
Conc: 193.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



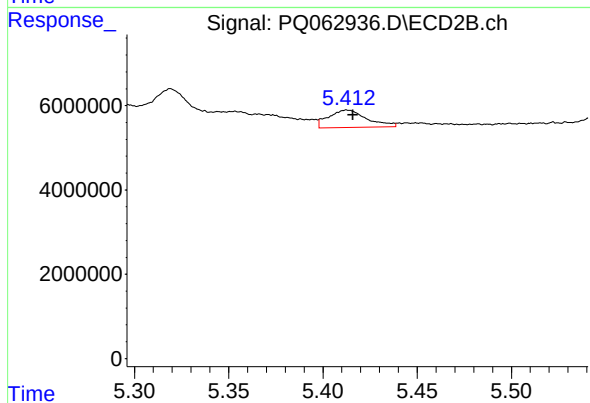
#31 AR-1260-1

R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 33006344
Conc: 132.25 ng/ml



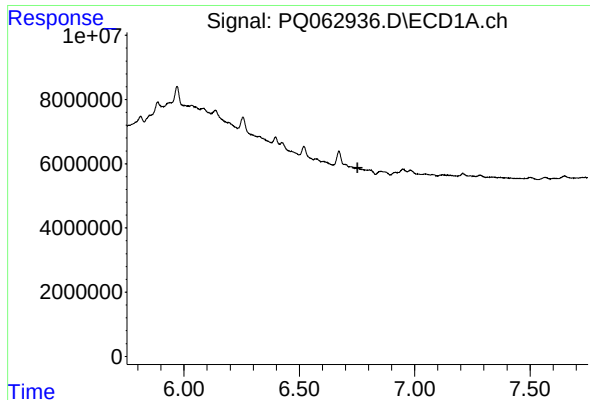
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 8913075
Conc: 29.37 ng/ml



#32 AR-1260-2

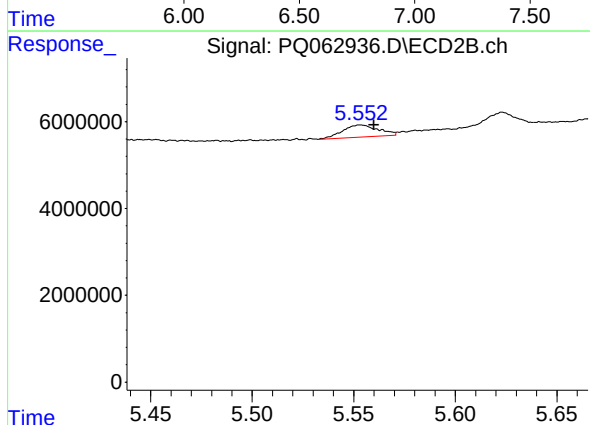
R.T.: 5.413 min
Delta R.T.: -0.003 min
Response: 5858489
Conc: 19.02 ng/ml



#33 AR-1260-3

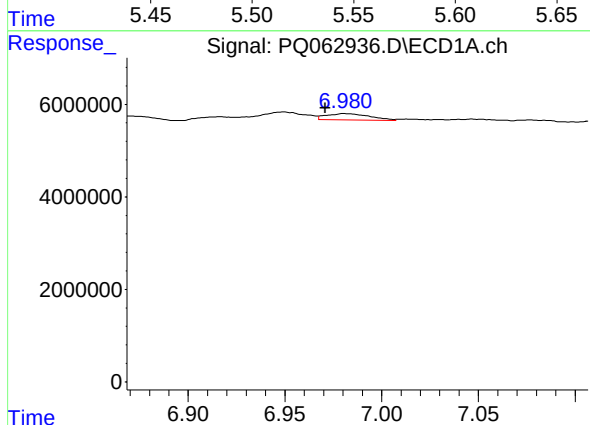
R.T.: 0.000 min
Exp R.T.: 6.752 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



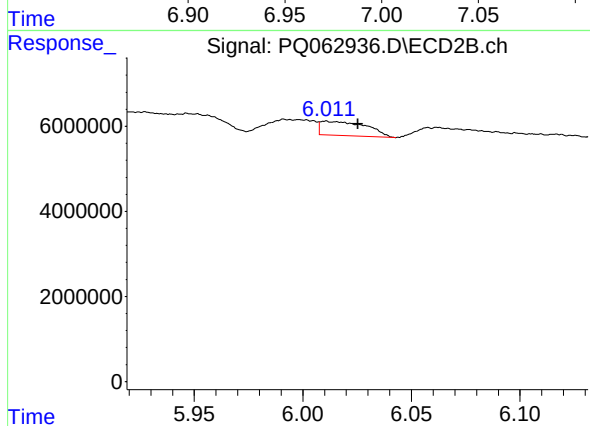
#33 AR-1260-3

R.T.: 5.553 min
Delta R.T.: -0.007 min
Response: 3360686
Conc: 10.85 ng/ml



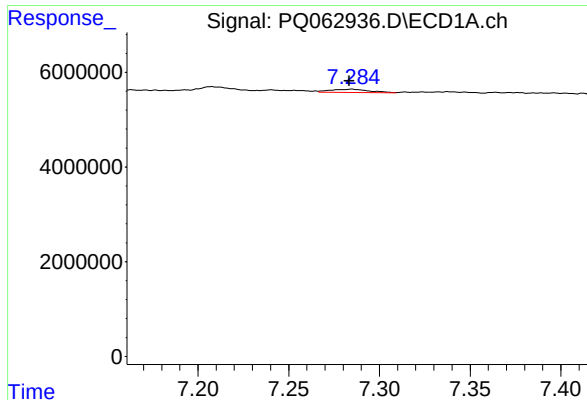
#34 AR-1260-4

R.T.: 6.981 min
Delta R.T.: 0.010 min
Response: 2138129
Conc: 8.92 ng/ml



#34 AR-1260-4

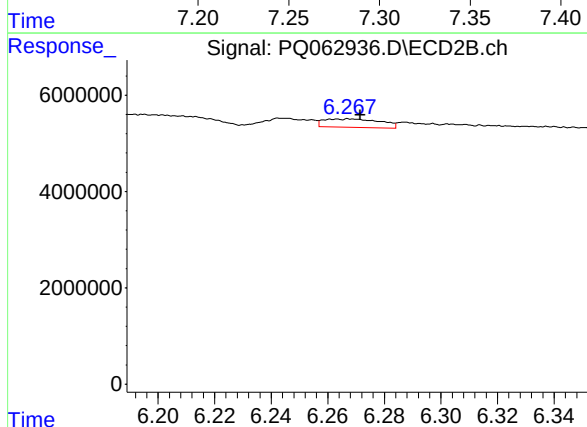
R.T.: 6.011 min
Delta R.T.: -0.015 min
Response: 4891096
Conc: 19.95 ng/ml



#35 AR-1260-5

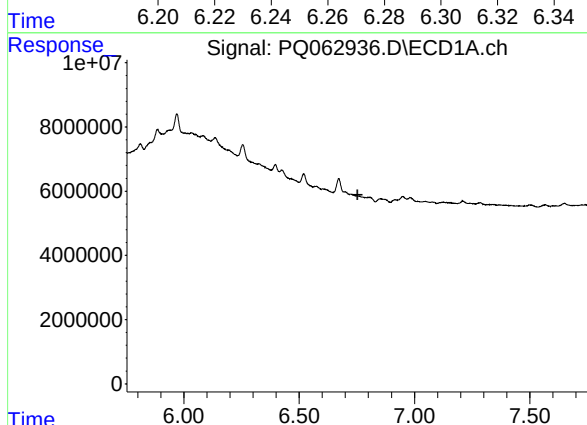
R.T.: 7.285 min
Delta R.T.: 0.001 min
Response: 1039032
Conc: 2.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



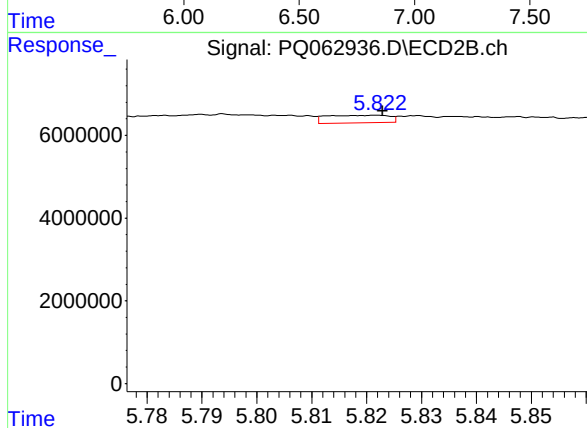
#35 AR-1260-5

R.T.: 6.267 min
Delta R.T.: -0.004 min
Response: 2466667
Conc: 4.51 ng/ml



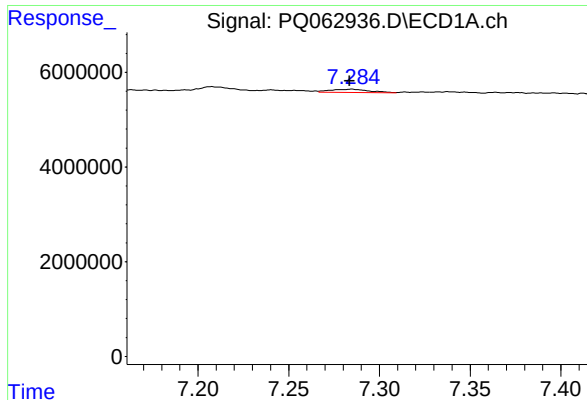
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.753 min
Response: 0
Conc: N.D.



#36 AR-1262-1

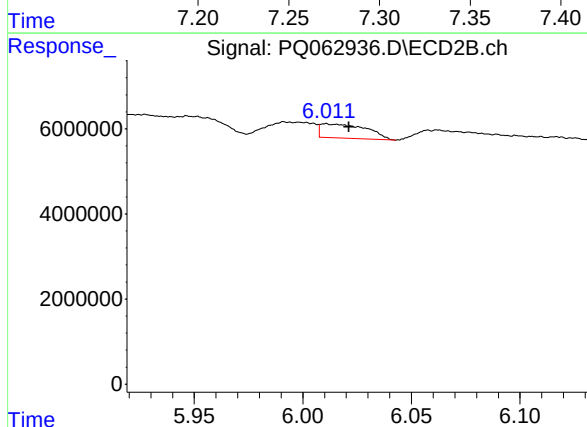
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 1457741
Conc: 10.21 ng/ml



#37 AR-1262-2

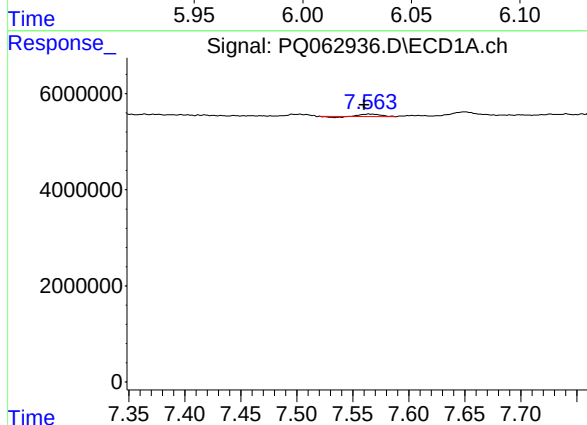
R.T.: 7.285 min
Delta R.T.: 0.001 min
Response: 1039032
Conc: 1.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



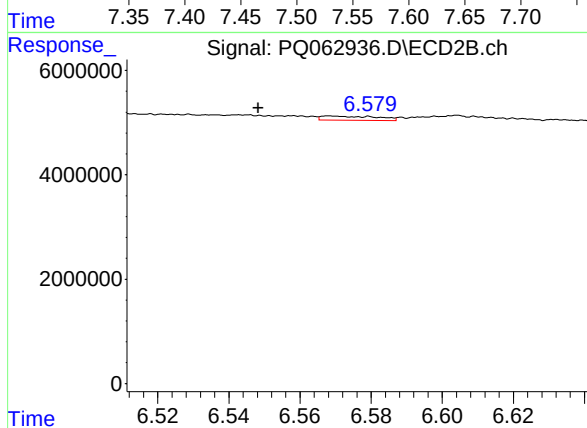
#37 AR-1262-2

R.T.: 6.011 min
Delta R.T.: -0.010 min
Response: 4891096
Conc: 15.65 ng/ml



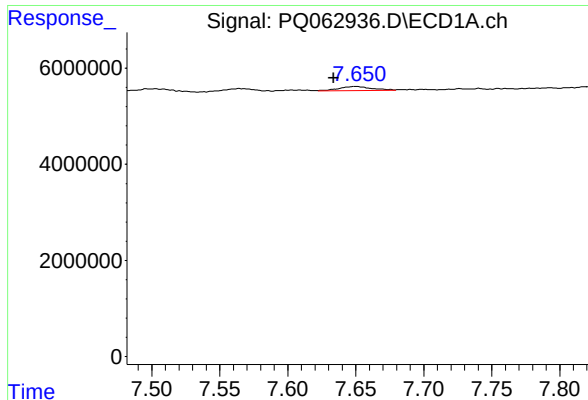
#38 AR-1262-3

R.T.: 7.564 min
Delta R.T.: 0.004 min
Response: 506736
Conc: 1.40 ng/ml



#38 AR-1262-3

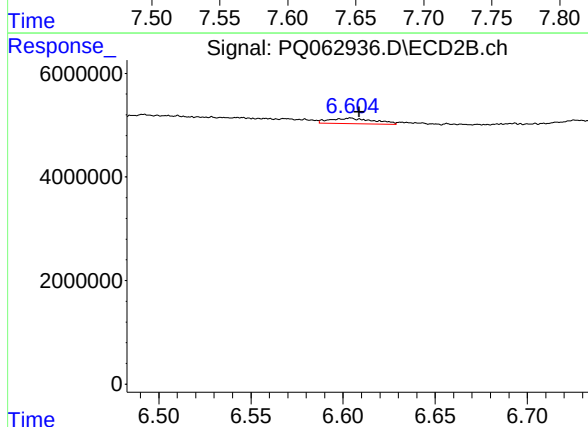
R.T.: 6.568 min
Delta R.T.: 0.020 min
Response: 836247
Conc: 3.32 ng/ml



#39 AR-1262-4

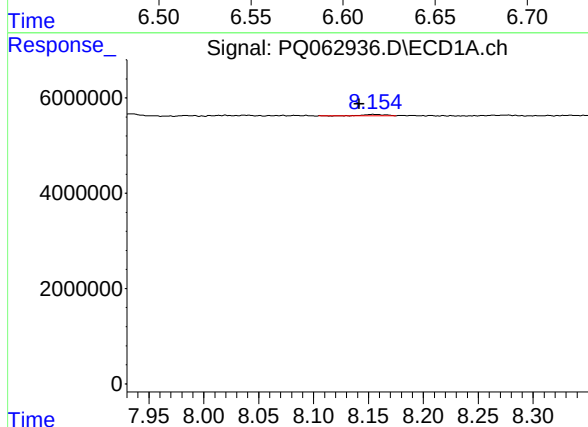
R.T.: 7.650 min
Delta R.T.: 0.016 min
Response: 1429967
Conc: 5.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



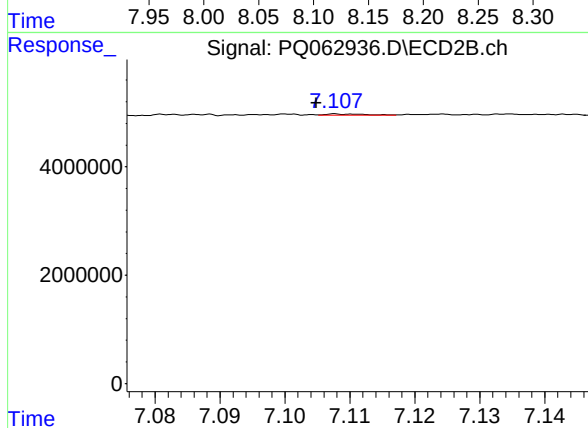
#39 AR-1262-4

R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 1745883
Conc: 3.73 ng/ml



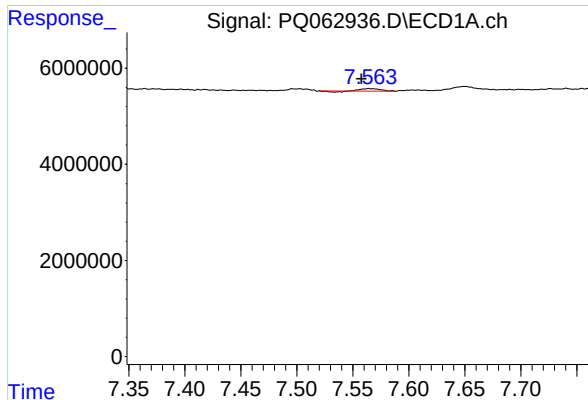
#40 AR-1262-5

R.T.: 8.154 min
Delta R.T.: 0.012 min
Response: 370764
Conc: 1.97 ng/ml



#40 AR-1262-5

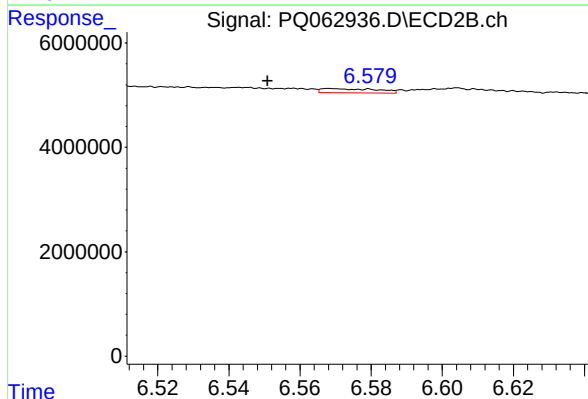
R.T.: 7.108 min
Delta R.T.: 0.003 min
Response: 98733
Conc: 0.45 ng/ml



#41 AR-1268-1

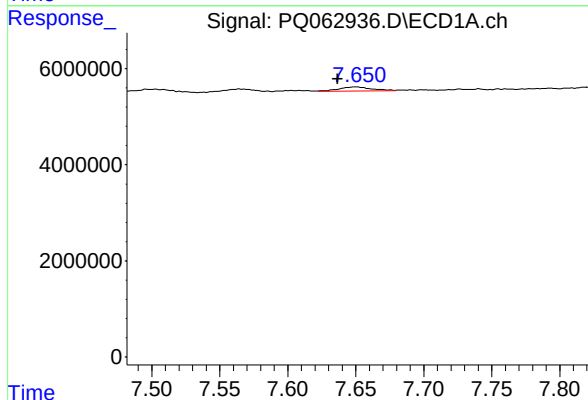
R.T.: 7.564 min
Delta R.T.: 0.006 min
Response: 506736
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



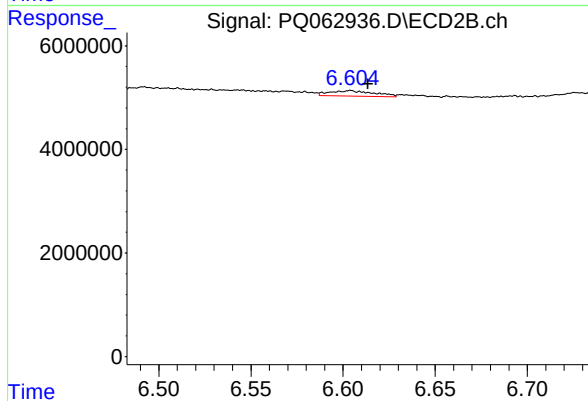
#41 AR-1268-1

R.T.: 6.568 min
Delta R.T.: 0.017 min
Response: 836247
Conc: 1.12 ng/ml



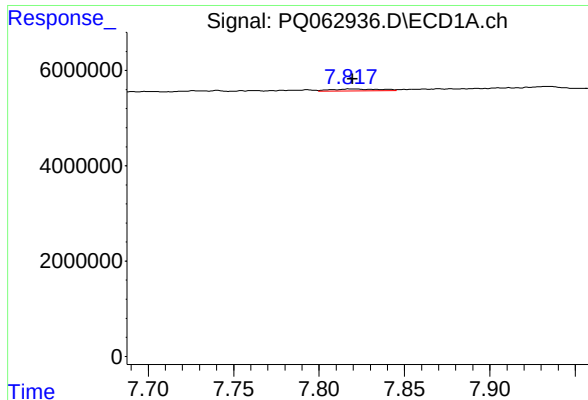
#42 AR-1268-2

R.T.: 7.650 min
Delta R.T.: 0.013 min
Response: 1429967
Conc: 2.38 ng/ml



#42 AR-1268-2

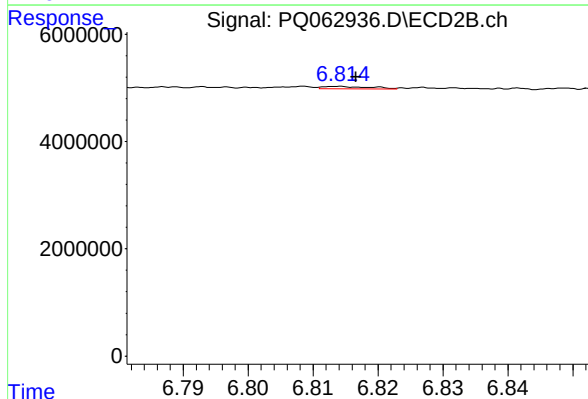
R.T.: 6.604 min
Delta R.T.: -0.009 min
Response: 1745883
Conc: 2.54 ng/ml



#43 AR-1268-3

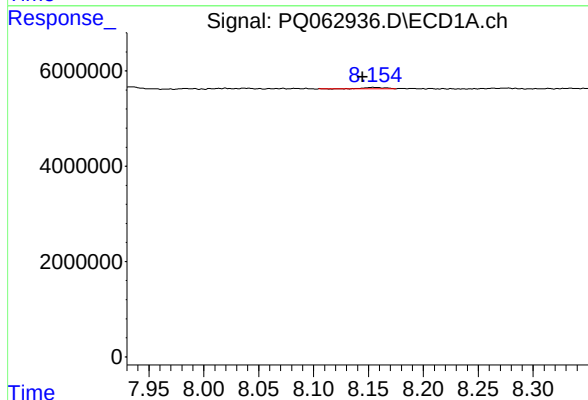
R.T.: 7.818 min
Delta R.T.: -0.001 min
Response: 848186
Conc: 1.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



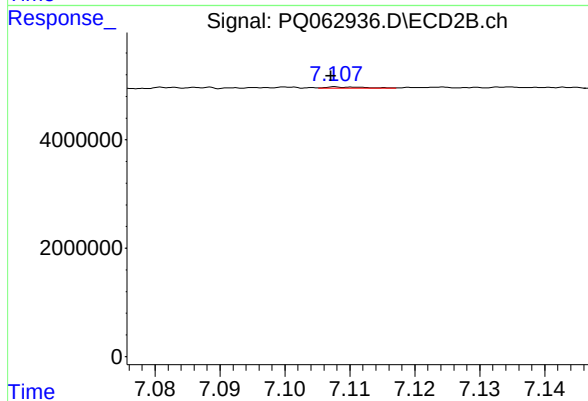
#43 AR-1268-3

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 229750
Conc: 0.39 ng/ml



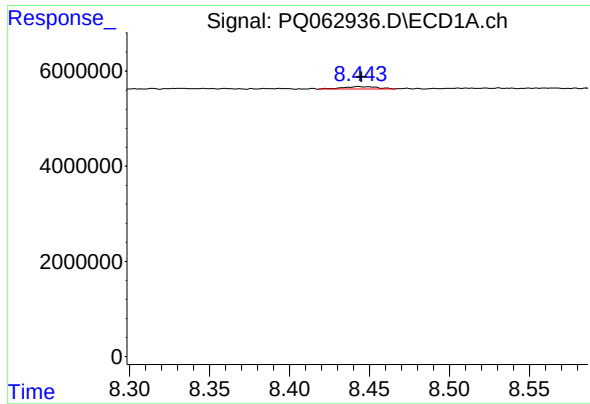
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.009 min
Response: 370764
Conc: 1.73 ng/ml



#44 AR-1268-4

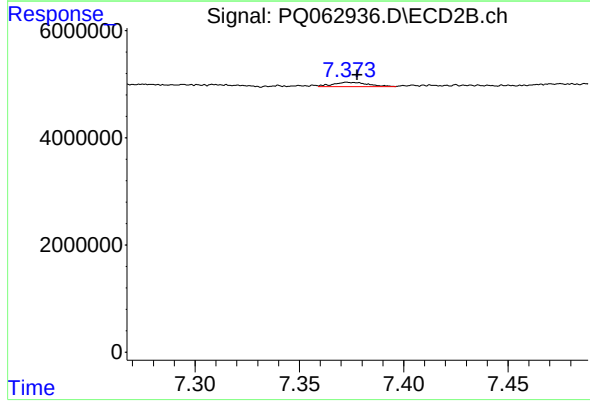
R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 98733
Conc: 0.39 ng/ml



#45 AR-1268-5

R.T.: 8.443 min
Delta R.T.: -0.002 min
Response: 791836
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.373 min
Delta R.T.: -0.005 min
Response: 899035
Conc: 0.51 ng/ml