

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040723\
 Data File : PQ060863.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 21:40
 Operator : YP\AJ
 Sample : 02213-01
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:05:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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...	3.406	2.763	158.6E6	73078481	20.202	18.592
2)	SA Decachlor...	8.586	7.540	128.5E6	89054185	22.770	18.896
Target Compounds							
3)	L1 AR-1016-1	4.506	3.767	5810252	4780845	20.882	33.397 #
4)	L1 AR-1016-2	4.525	3.782	14394679	6928746	34.636	32.915
5)	L1 AR-1016-3	4.582	3.943	10695834	3878603	41.003	34.978
6)	L1 AR-1016-4	4.674	3.993	7905019	3357769	36.551	35.646
7)	L1 AR-1016-5	4.962	4.188	8069380	2644357	36.258	22.433 #
8)	L2 AR-1221-1	3.599	2.967	1282727	129802	12.863	2.666 #
9)	L2 AR-1221-2	3.684	3.045	3874620	371158	51.458	9.992 #
10)	L2 AR-1221-3	3.754	3.110	6461882	2986149	29.048	26.286
11)	L3 AR-1232-1	3.754	3.110	6461882	2986149	37.807	34.500
12)	L3 AR-1232-2	4.247	3.782	9932983	6928746	100.201	72.915 #
13)	L3 AR-1232-3	4.525	3.943	14394679	3878603	76.749	77.731
14)	L3 AR-1232-4	4.674	4.028	7905019	3846077	80.045	90.316
15)	L3 AR-1232-5	4.772	4.188	6071881	2644357	89.398	51.420 #
16)	L4 AR-1242-1	4.506	3.767	5810252	4780845	27.432	42.920 #
17)	L4 AR-1242-2	4.525	3.782	14394679	6928746	45.699	42.814
18)	L4 AR-1242-3	4.582	3.943	10695834	3878603	53.062	45.858
19)	L4 AR-1242-4	4.674	4.028	7905019	3846077	46.206	46.449
20)	L4 AR-1242-5	5.390	4.523	6914243	6892401	40.834	60.425 #
21)	L5 AR-1248-1	4.506	3.767	5810252	4780845	34.416	54.201 #
22)	L5 AR-1248-2	4.772	3.993	6071881	3357769	26.528	25.756
23)	L5 AR-1248-3	4.962	4.028	8069380	3846077	28.797	30.635
24)	L5 AR-1248-4	5.356	4.188	4430378	2644357	14.231	16.973
25)	L5 AR-1248-5	5.390	4.562	6914243	7244141	23.062	47.226 #
26)	L6 AR-1254-1	5.327	4.523	7010758	6892401	22.026	29.695 #
27)	L6 AR-1254-2	5.541	4.672	14406090	1106082	29.248	5.269 #
28)	L6 AR-1254-3	5.897	5.051	5129423	2295072	10.146	6.952 #
29)	L6 AR-1254-4	6.181	5.280	954535	1156190	2.549	5.524 #
30)	L6 AR-1254-5	6.601	5.691	837912	139112	1.982	0.425 #
31)	L7 AR-1260-1	6.086	5.188	848324	567074	2.206	2.448
32)	L7 AR-1260-2	0.000	5.390	0	19995873	N.D.	69.775 #
33)	L7 AR-1260-3	6.673	5.520	106799	637217	0.369	2.338 #
34)	L7 AR-1260-4	0.000	5.981	0	107919	N.D.	0.534 #
35)	L7 AR-1260-5	7.185	6.223	8652693	226460	13.239	0.489 #
36)	L8 AR-1262-1	6.673	5.740	106799	3001119	0.224	9.448 #
37)	L8 AR-1262-2	7.185	6.223	8652693	226460	11.069	0.388 #
38)	L8 AR-1262-3	7.492	6.502	588776	290467	1.119	1.221
39)	L8 AR-1262-4	7.557	6.562	202024	186882	0.490	0.423
40)	L8 AR-1262-5	8.017f	7.061	645527	194195	2.386	0.918 #
41)	L9 AR-1268-1	7.492	6.502	588776	290467	0.677	0.432 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040723\
 Data File : PQ060863.D
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 Acq On : 07 Apr 2023 21:40
 Operator : YP\AJ
 Sample : 02213-01
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 33 Sample Multiplier: 1

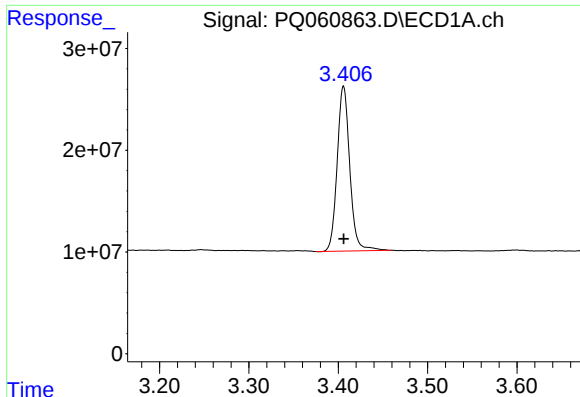
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:05:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.557	6.562	202024	186882	0.255	0.302
43) L9	AR-1268-3	7.714	6.765	718986	838109	1.083	1.547 #
44) L9	AR-1268-4	8.017f	7.061	645527	194195	2.189	0.833 #
45) L9	AR-1268-5	8.347	7.326	358999	628203	0.190	0.359 #

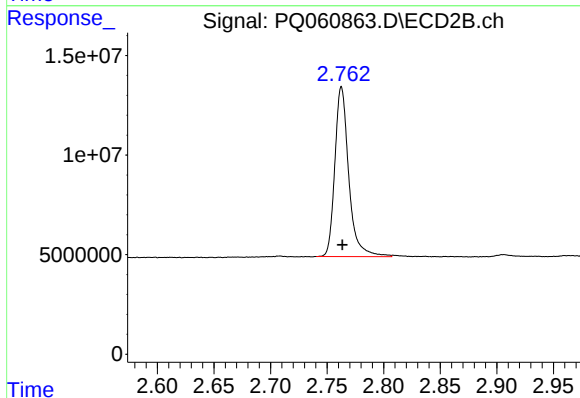
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

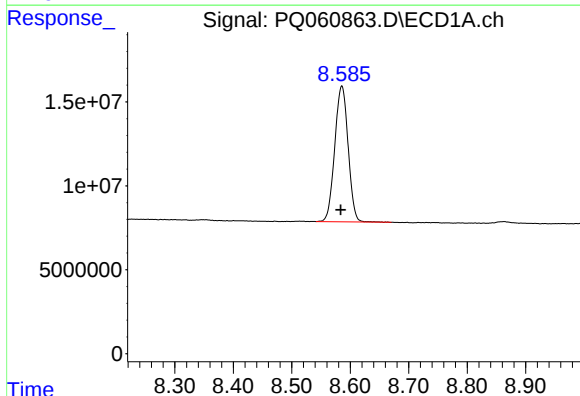
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 158588716
Conc: 20.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



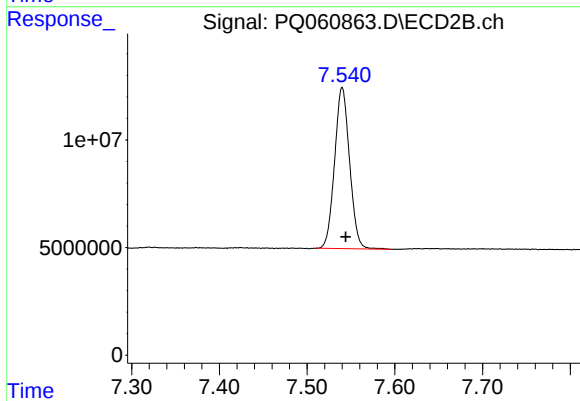
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.000 min
Response: 73078481
Conc: 18.59 ng/ml



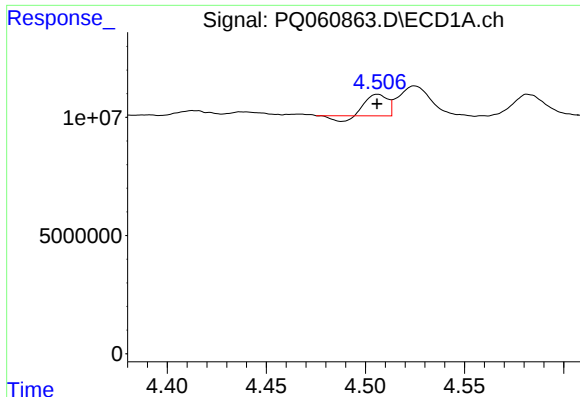
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 128495165
Conc: 22.77 ng/ml



#2 Decachlorobiphenyl

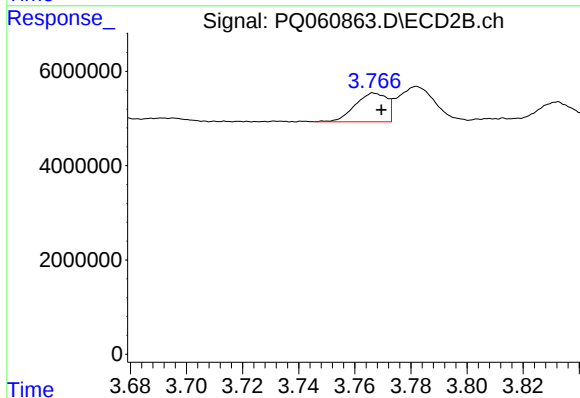
R.T.: 7.540 min
Delta R.T.: -0.004 min
Response: 89054185
Conc: 18.90 ng/ml



#3 AR-1016-1

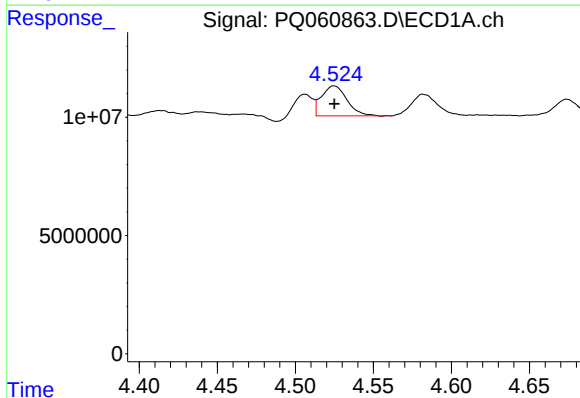
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 5810252
Conc: 20.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



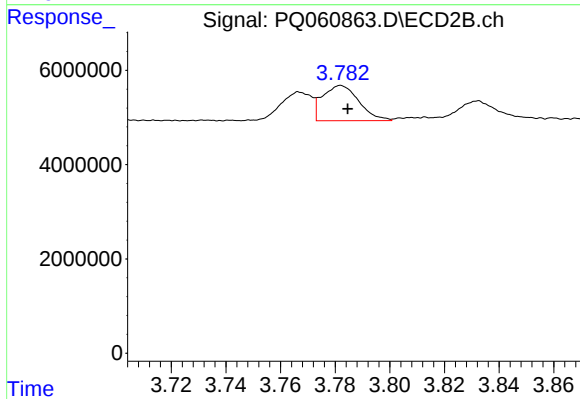
#3 AR-1016-1

R.T.: 3.767 min
Delta R.T.: -0.003 min
Response: 4780845
Conc: 33.40 ng/ml



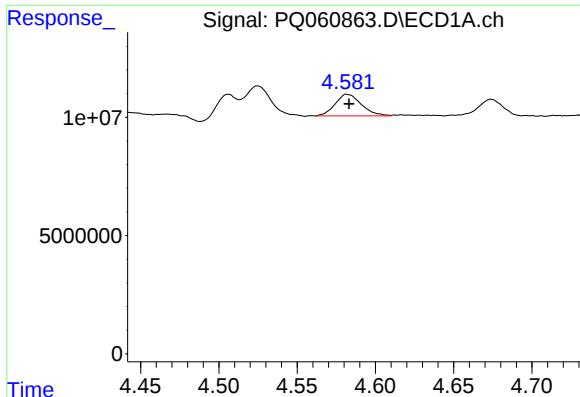
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 14394679
Conc: 34.64 ng/ml



#4 AR-1016-2

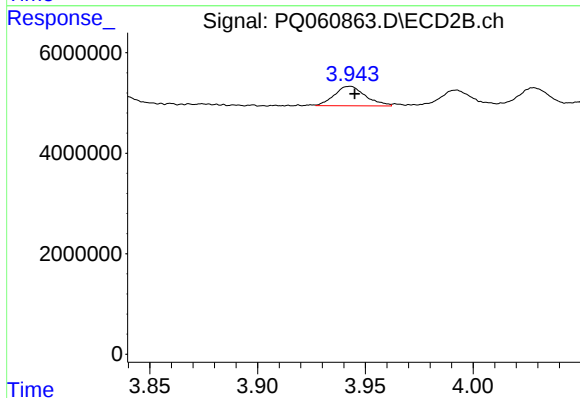
R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 6928746
Conc: 32.92 ng/ml



#5 AR-1016-3

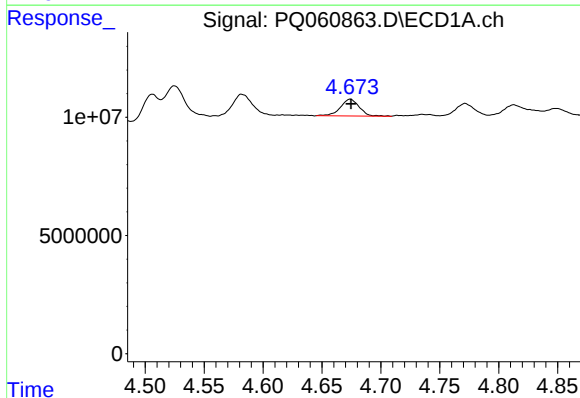
R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 10695834
Conc: 41.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



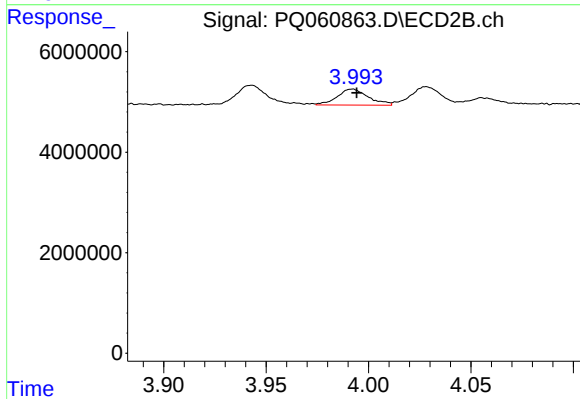
#5 AR-1016-3

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 3878603
Conc: 34.98 ng/ml



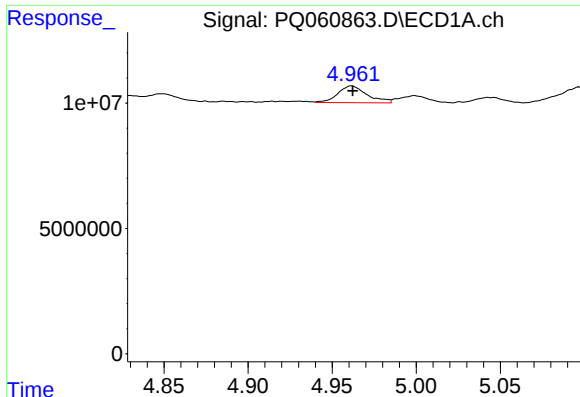
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 7905019
Conc: 36.55 ng/ml



#6 AR-1016-4

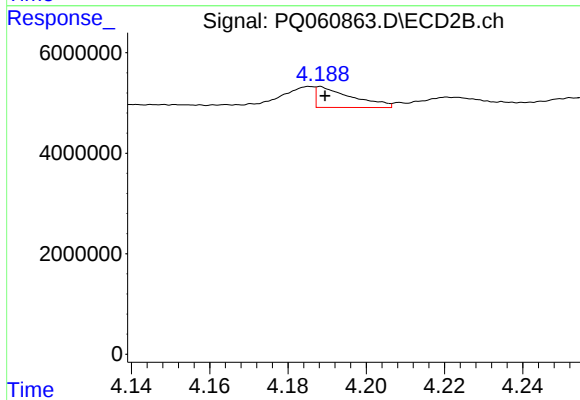
R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 3357769
Conc: 35.65 ng/ml



#7 AR-1016-5

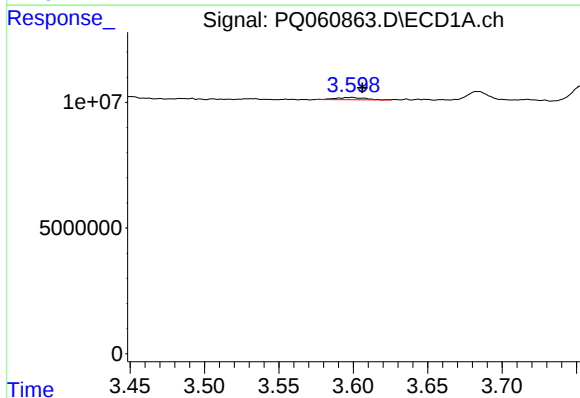
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 8069380
Conc: 36.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



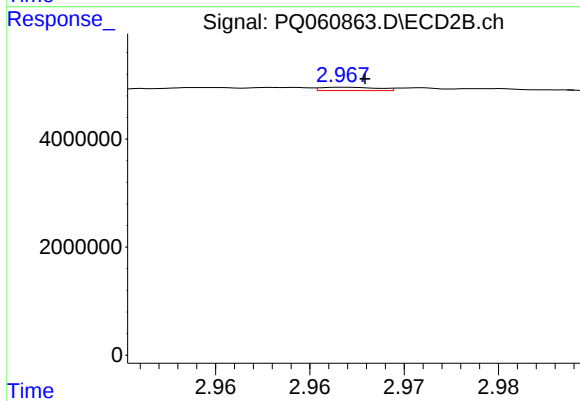
#7 AR-1016-5

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 2644357
Conc: 22.43 ng/ml



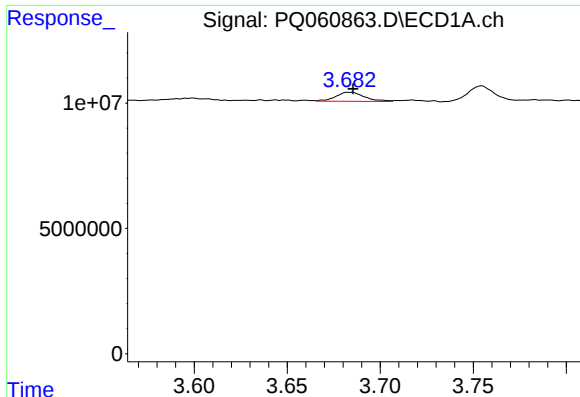
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: -0.007 min
Response: 1282727
Conc: 12.86 ng/ml



#8 AR-1221-1

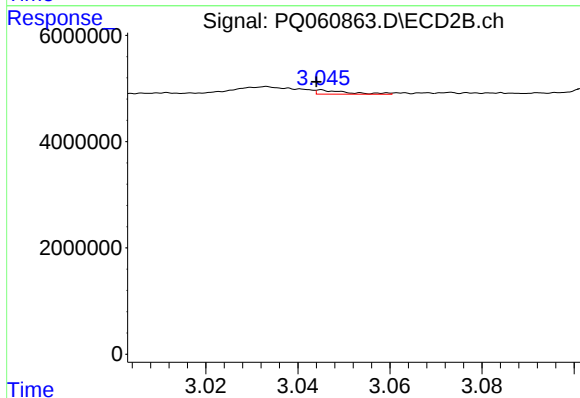
R.T.: 2.967 min
Delta R.T.: 0.000 min
Response: 129802
Conc: 2.67 ng/ml



#9 AR-1221-2

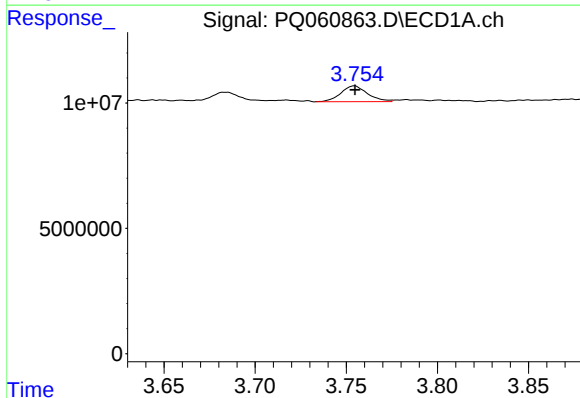
R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 3874620
Conc: 51.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



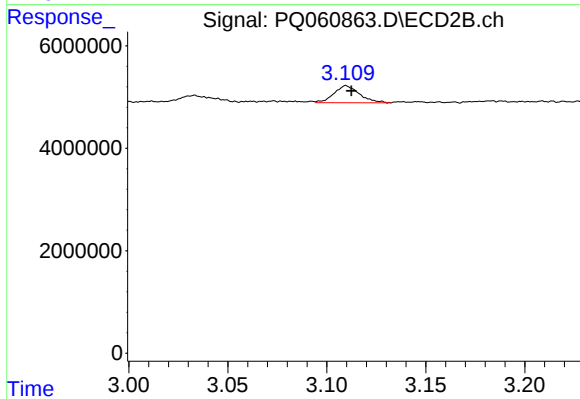
#9 AR-1221-2

R.T.: 3.045 min
Delta R.T.: 0.001 min
Response: 371158
Conc: 9.99 ng/ml



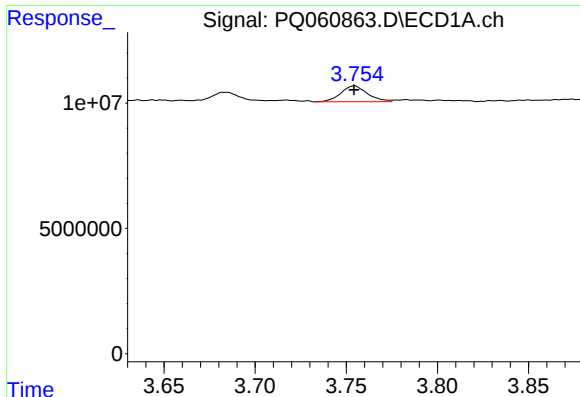
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 6461882
Conc: 29.05 ng/ml



#10 AR-1221-3

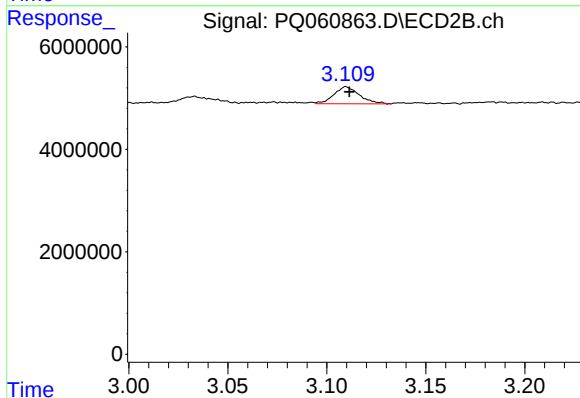
R.T.: 3.110 min
Delta R.T.: -0.003 min
Response: 2986149
Conc: 26.29 ng/ml



#11 AR-1232-1

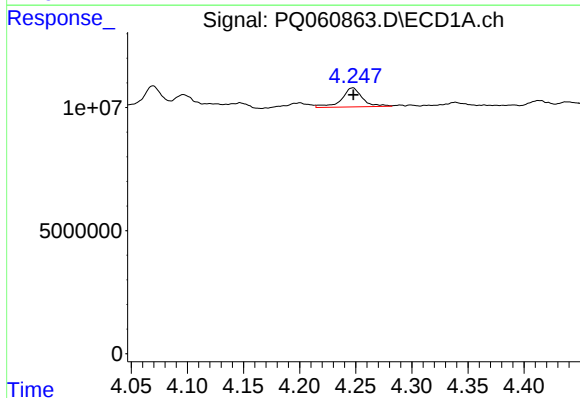
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 6461882
Conc: 37.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



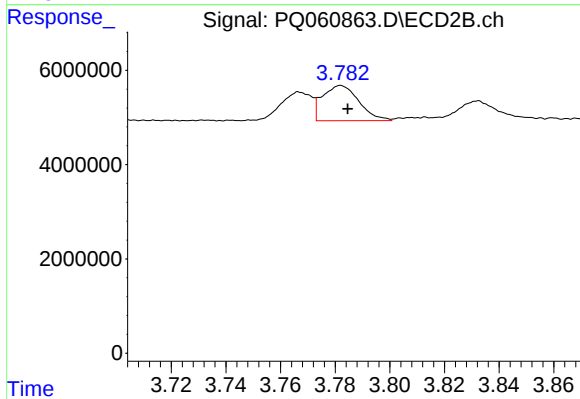
#11 AR-1232-1

R.T.: 3.110 min
Delta R.T.: -0.002 min
Response: 2986149
Conc: 34.50 ng/ml



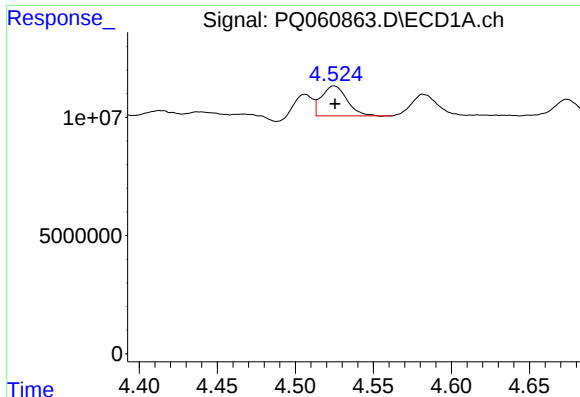
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 9932983
Conc: 100.20 ng/ml



#12 AR-1232-2

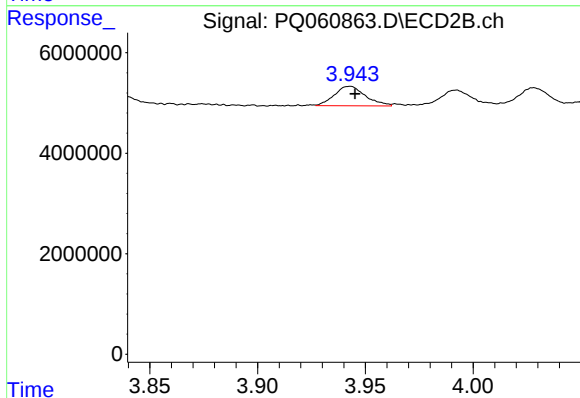
R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 6928746
Conc: 72.92 ng/ml



#13 AR-1232-3

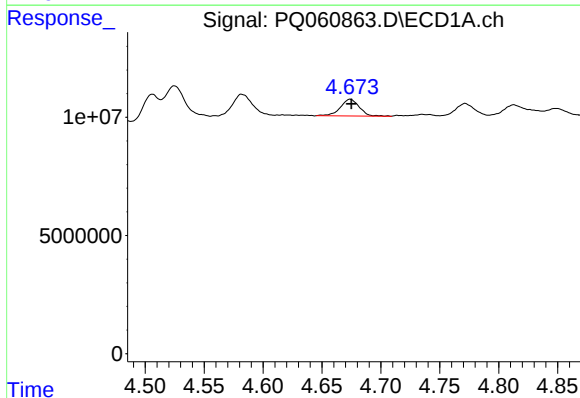
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 14394679
Conc: 76.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



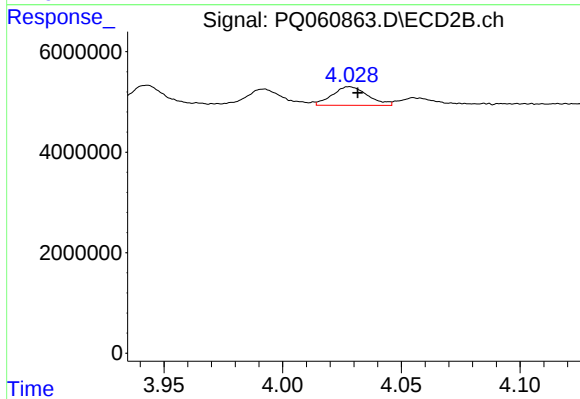
#13 AR-1232-3

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 3878603
Conc: 77.73 ng/ml



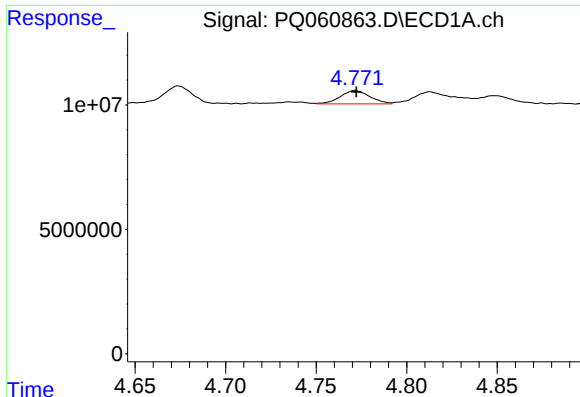
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 7905019
Conc: 80.04 ng/ml



#14 AR-1232-4

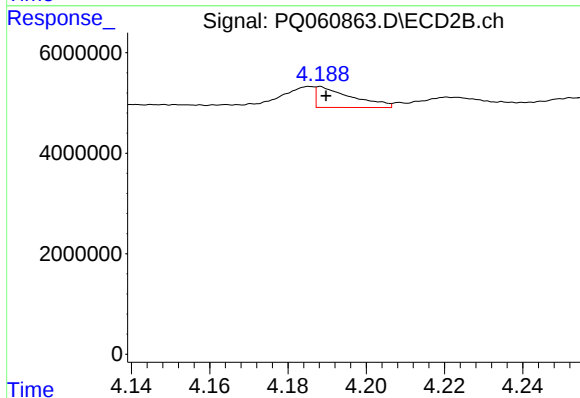
R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 3846077
Conc: 90.32 ng/ml



#15 AR-1232-5

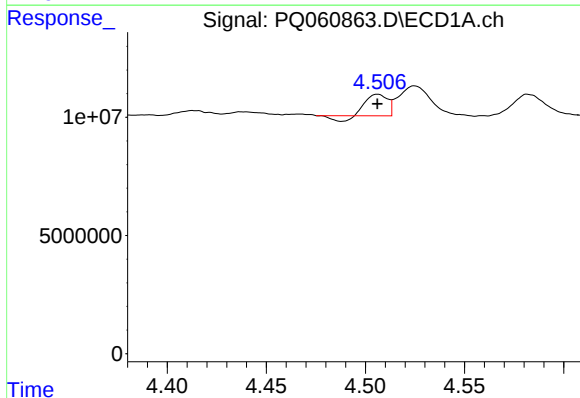
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 6071881
Conc: 89.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



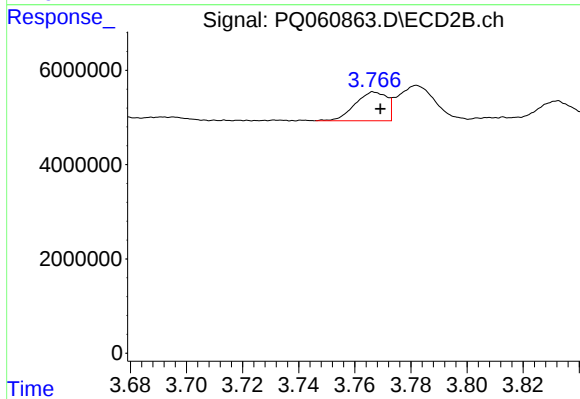
#15 AR-1232-5

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 2644357
Conc: 51.42 ng/ml



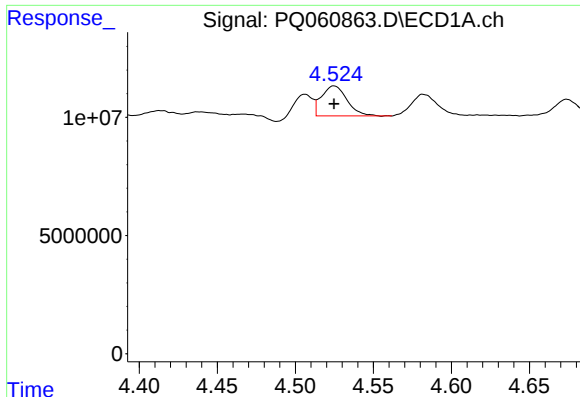
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 5810252
Conc: 27.43 ng/ml



#16 AR-1242-1

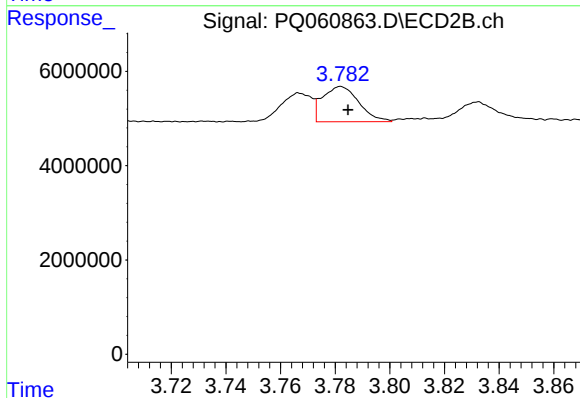
R.T.: 3.767 min
Delta R.T.: -0.003 min
Response: 4780845
Conc: 42.92 ng/ml



#17 AR-1242-2

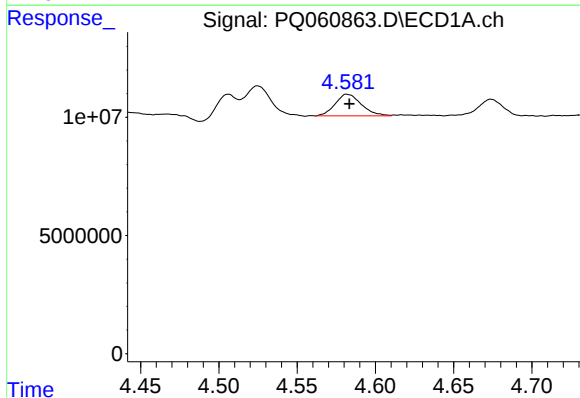
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 14394679
Conc: 45.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



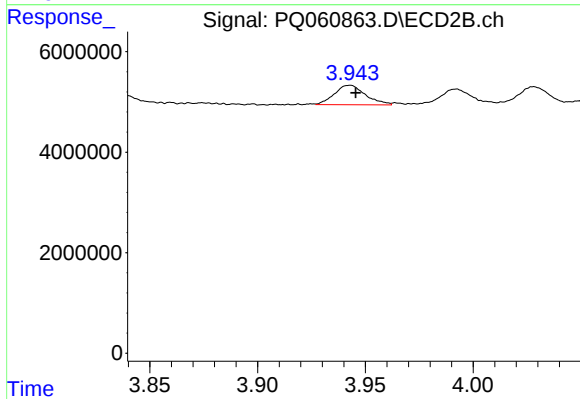
#17 AR-1242-2

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 6928746
Conc: 42.81 ng/ml



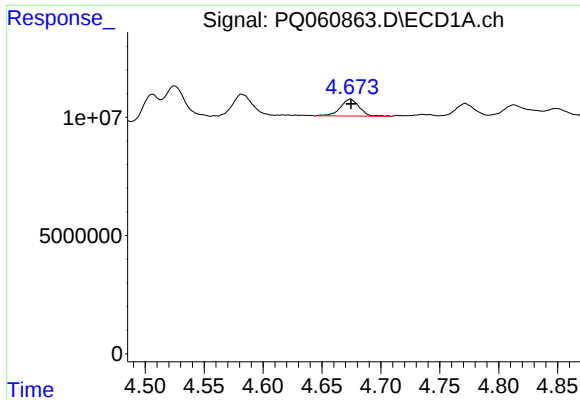
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 10695834
Conc: 53.06 ng/ml



#18 AR-1242-3

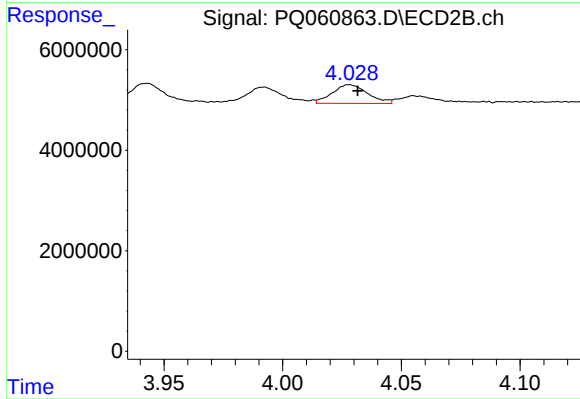
R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 3878603
Conc: 45.86 ng/ml



#19 AR-1242-4

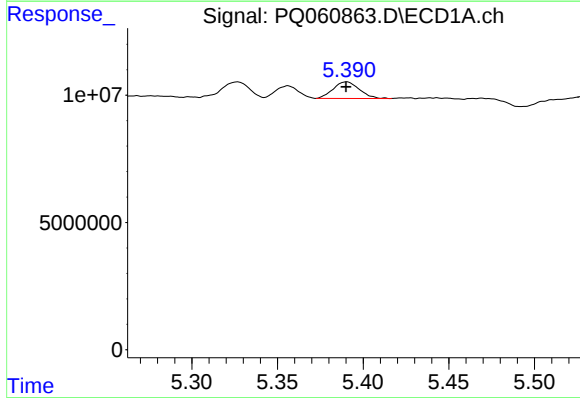
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 7905019
Conc: 46.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



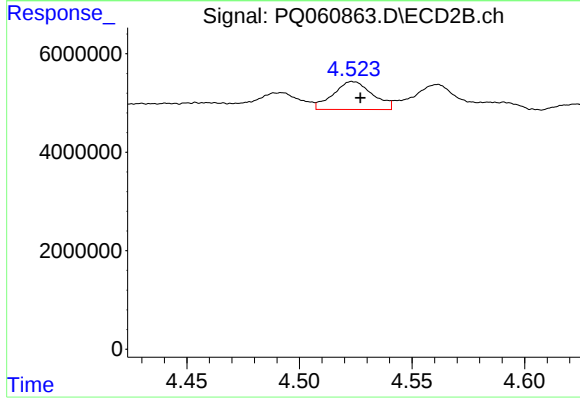
#19 AR-1242-4

R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 3846077
Conc: 46.45 ng/ml



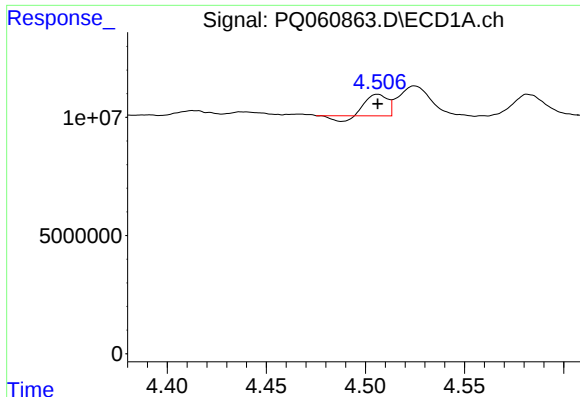
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 6914243
Conc: 40.83 ng/ml



#20 AR-1242-5

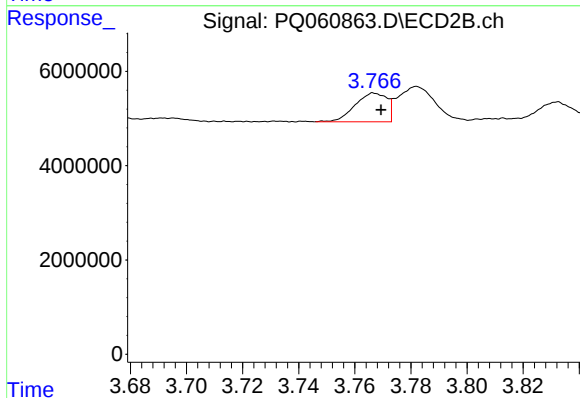
R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 6892401
Conc: 60.42 ng/ml



#21 AR-1248-1

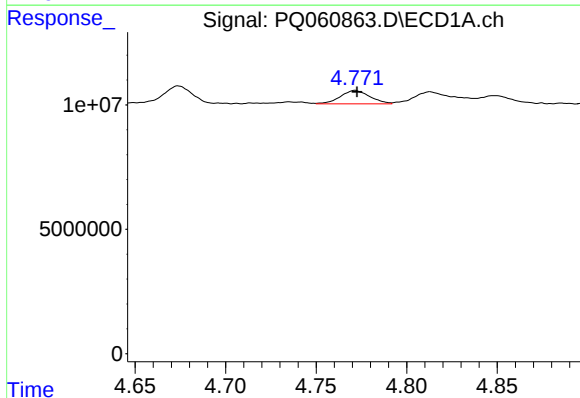
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 5810252
Conc: 34.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



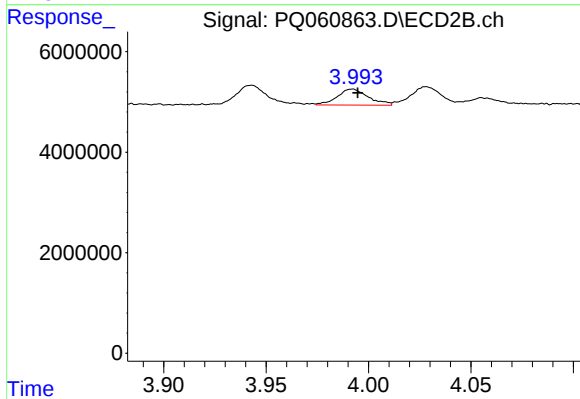
#21 AR-1248-1

R.T.: 3.767 min
Delta R.T.: -0.003 min
Response: 4780845
Conc: 54.20 ng/ml



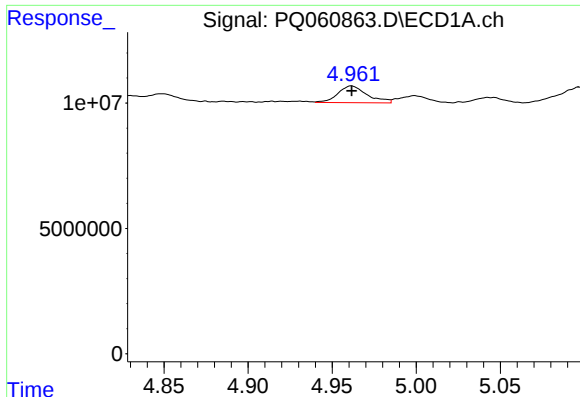
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: -0.001 min
Response: 6071881
Conc: 26.53 ng/ml



#22 AR-1248-2

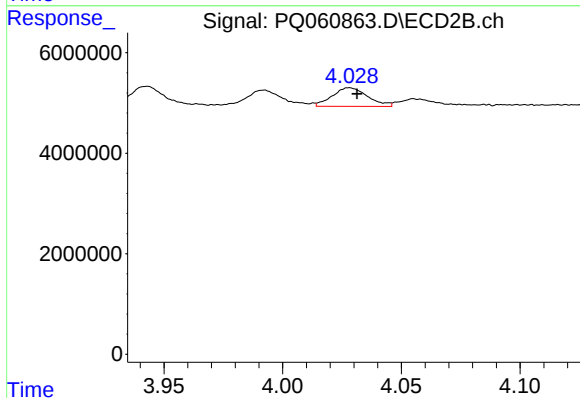
R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 3357769
Conc: 25.76 ng/ml



#23 AR-1248-3

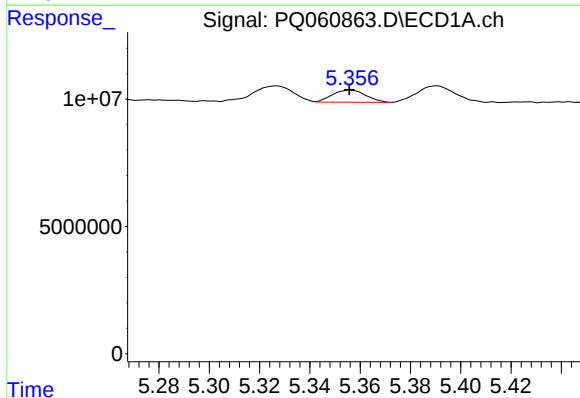
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 8069380
Conc: 28.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



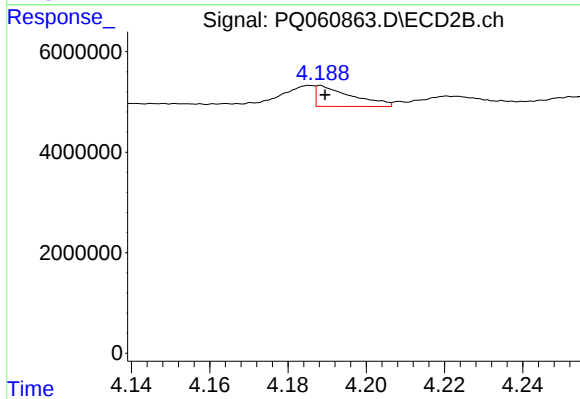
#23 AR-1248-3

R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 3846077
Conc: 30.64 ng/ml



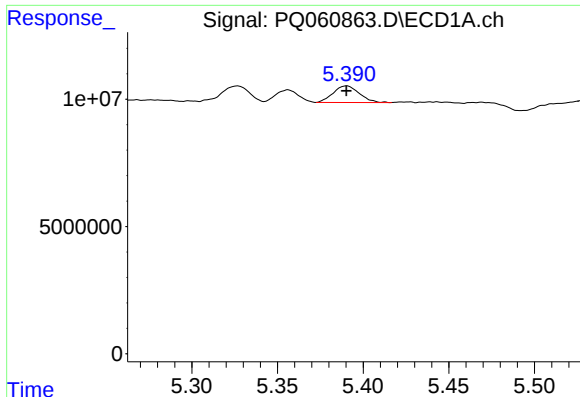
#24 AR-1248-4

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 4430378
Conc: 14.23 ng/ml



#24 AR-1248-4

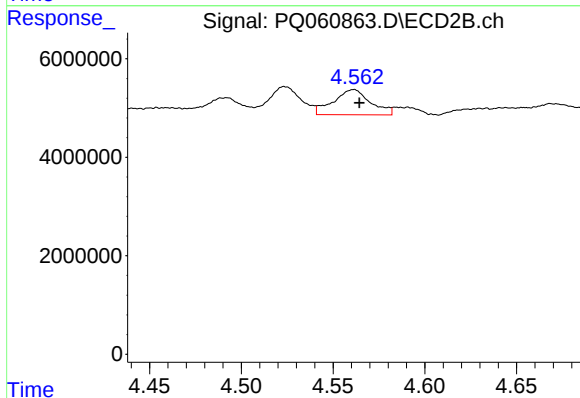
R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 2644357
Conc: 16.97 ng/ml



#25 AR-1248-5

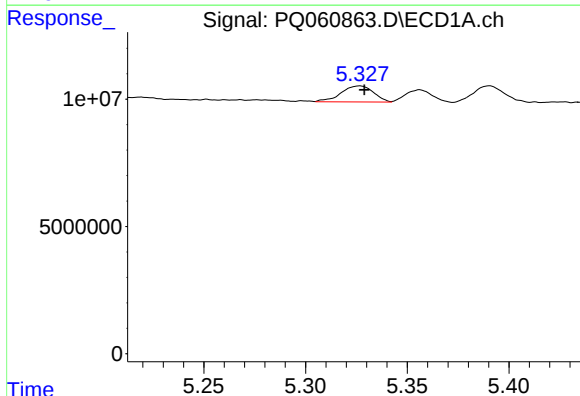
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 6914243
Conc: 23.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



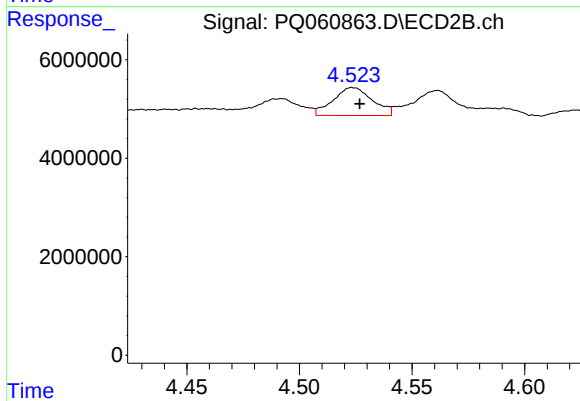
#25 AR-1248-5

R.T.: 4.562 min
Delta R.T.: -0.003 min
Response: 7244141
Conc: 47.23 ng/ml



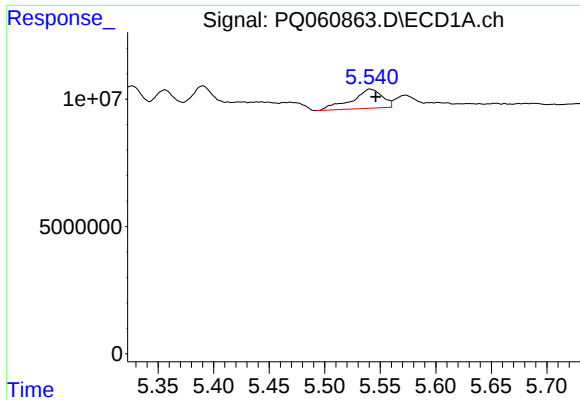
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 7010758
Conc: 22.03 ng/ml



#26 AR-1254-1

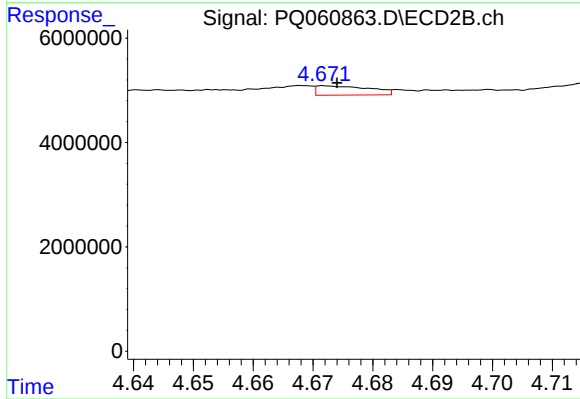
R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 6892401
Conc: 29.70 ng/ml



#27 AR-1254-2

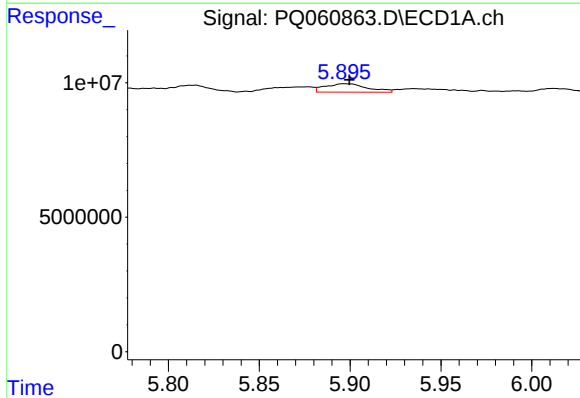
R.T.: 5.541 min
Delta R.T.: -0.005 min
Response: 14406090
Conc: 29.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



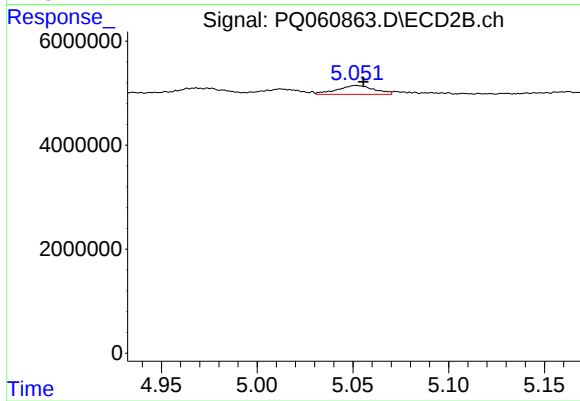
#27 AR-1254-2

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 1106082
Conc: 5.27 ng/ml



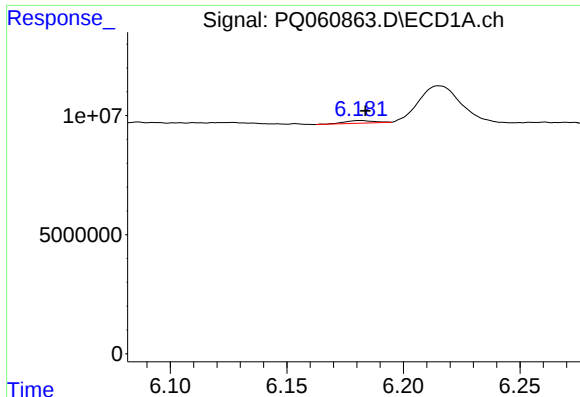
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 5129423
Conc: 10.15 ng/ml



#28 AR-1254-3

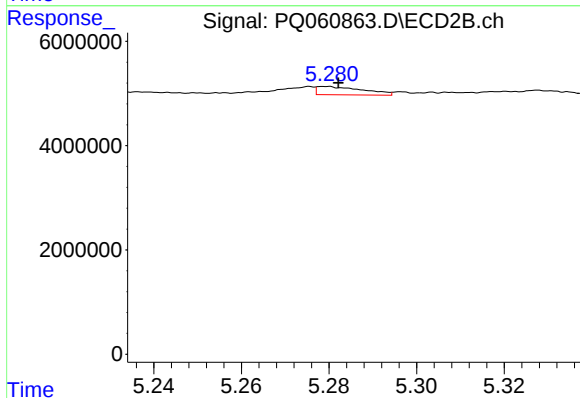
R.T.: 5.051 min
Delta R.T.: -0.004 min
Response: 2295072
Conc: 6.95 ng/ml



#29 AR-1254-4

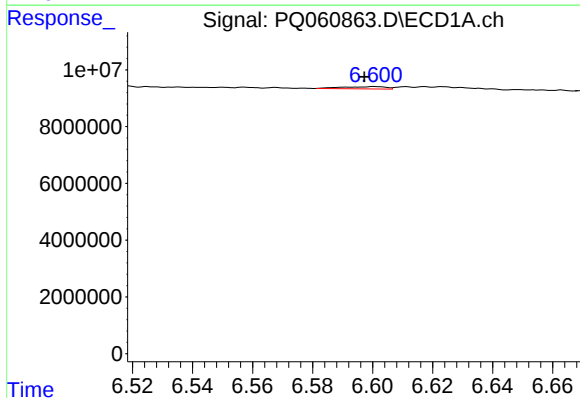
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 954535
Conc: 2.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



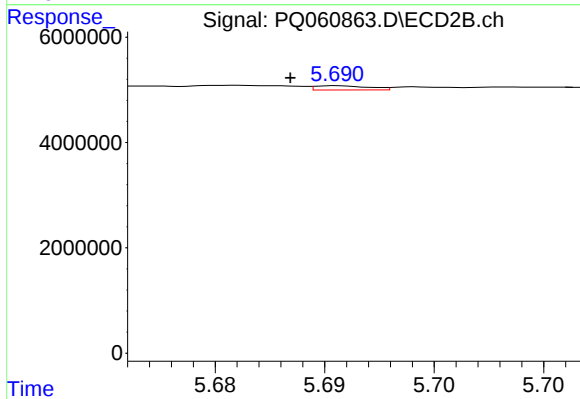
#29 AR-1254-4

R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 1156190
Conc: 5.52 ng/ml



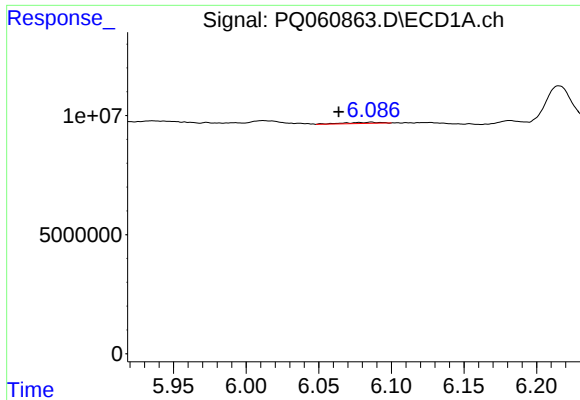
#30 AR-1254-5

R.T.: 6.601 min
Delta R.T.: 0.004 min
Response: 837912
Conc: 1.98 ng/ml



#30 AR-1254-5

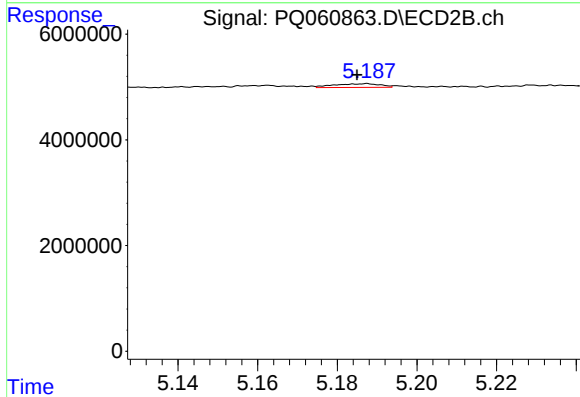
R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 139112
Conc: 0.43 ng/ml



#31 AR-1260-1

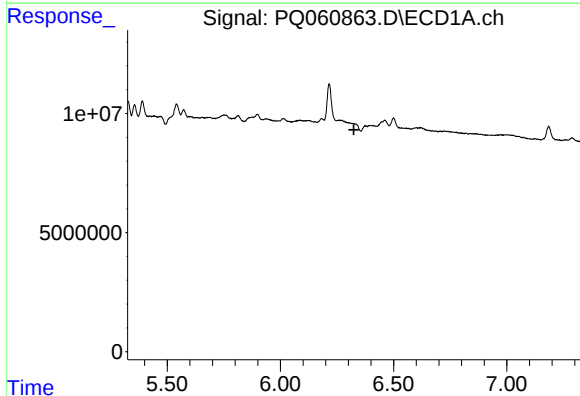
R.T.: 6.086 min
Delta R.T.: 0.022 min
Response: 848324
Conc: 2.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



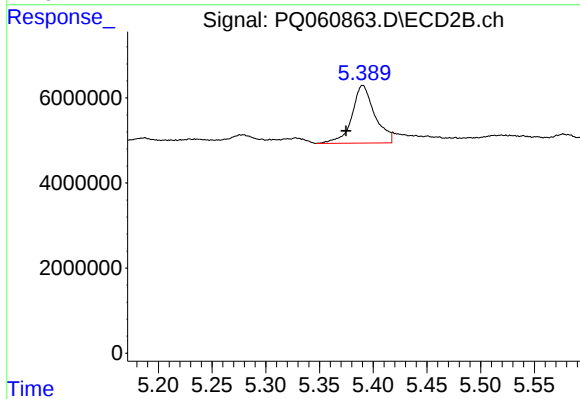
#31 AR-1260-1

R.T.: 5.188 min
Delta R.T.: 0.003 min
Response: 567074
Conc: 2.45 ng/ml



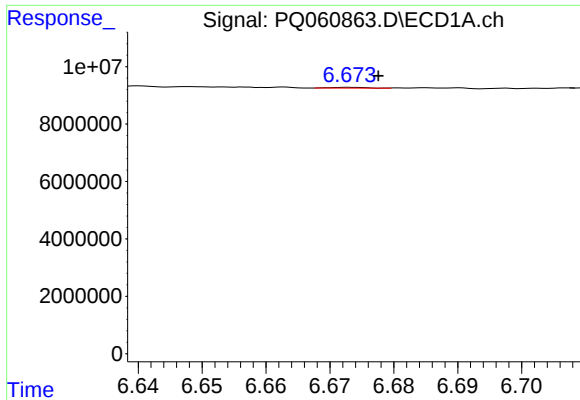
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.324 min
Response: 0
Conc: N.D.



#32 AR-1260-2

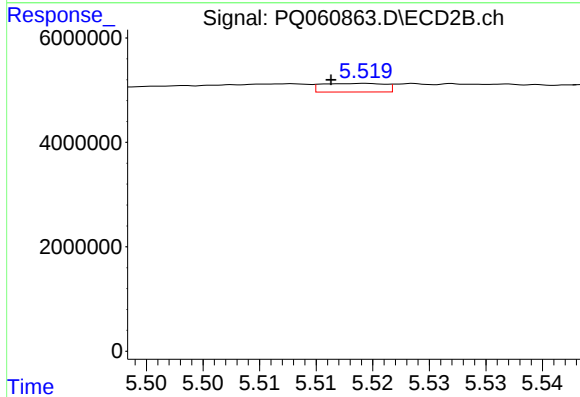
R.T.: 5.390 min
Delta R.T.: 0.015 min
Response: 19995873
Conc: 69.78 ng/ml



#33 AR-1260-3

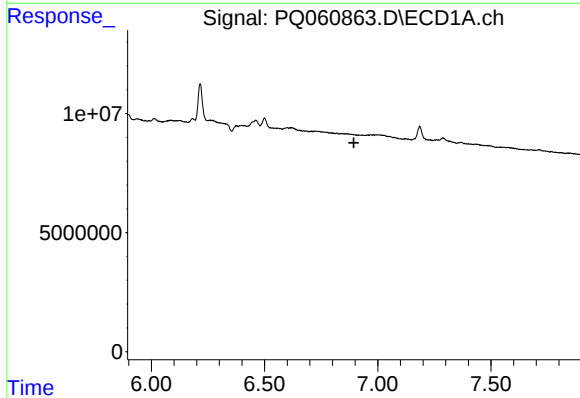
R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 106799
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



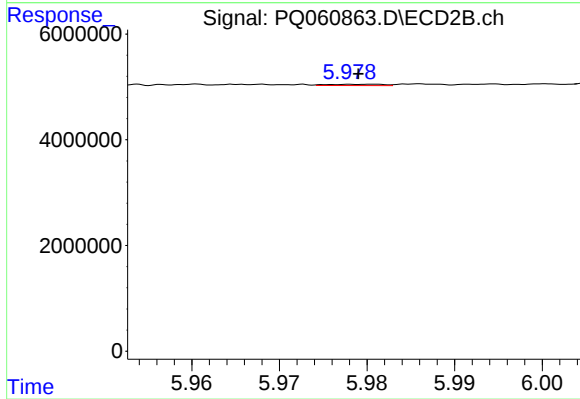
#33 AR-1260-3

R.T.: 5.520 min
Delta R.T.: 0.003 min
Response: 637217
Conc: 2.34 ng/ml



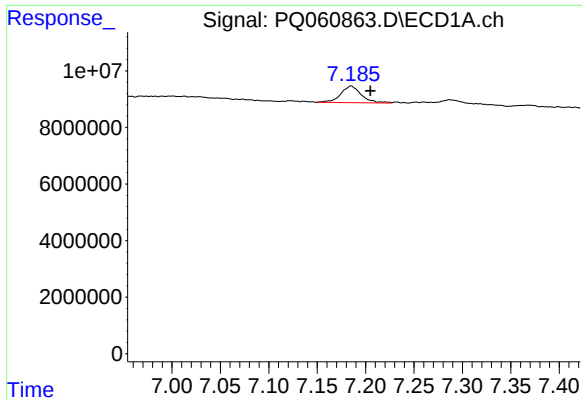
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.895 min
Response: 0
Conc: N.D.



#34 AR-1260-4

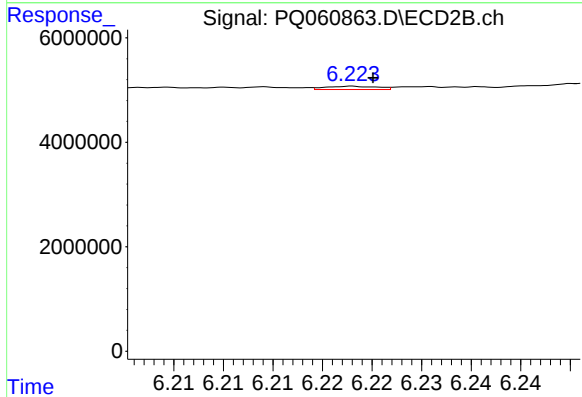
R.T.: 5.981 min
Delta R.T.: 0.002 min
Response: 107919
Conc: 0.53 ng/ml



#35 AR-1260-5

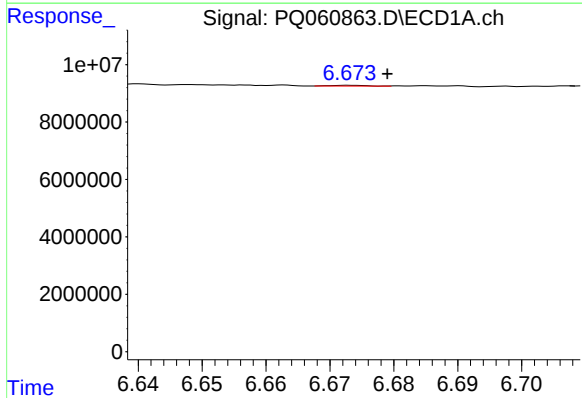
R.T.: 7.185 min
Delta R.T.: -0.020 min
Response: 8652693
Conc: 13.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



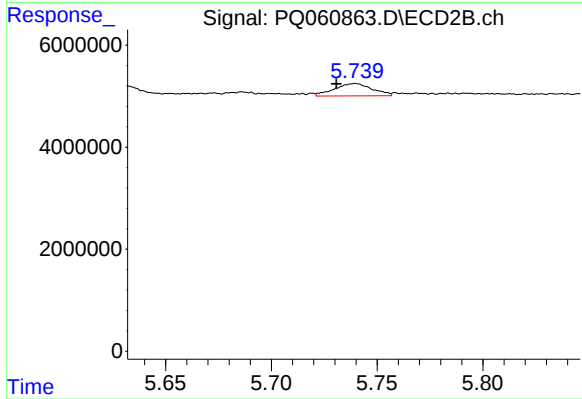
#35 AR-1260-5

R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 226460
Conc: 0.49 ng/ml



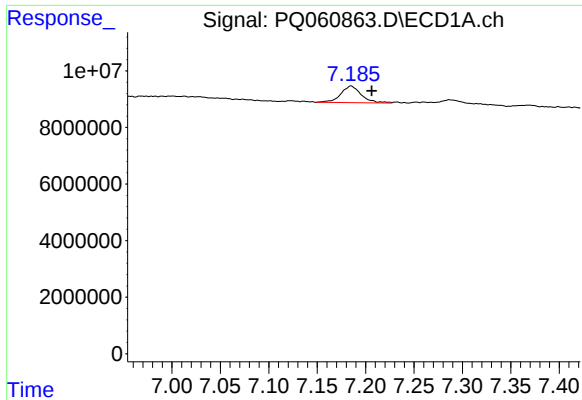
#36 AR-1262-1

R.T.: 6.673 min
Delta R.T.: -0.006 min
Response: 106799
Conc: 0.22 ng/ml



#36 AR-1262-1

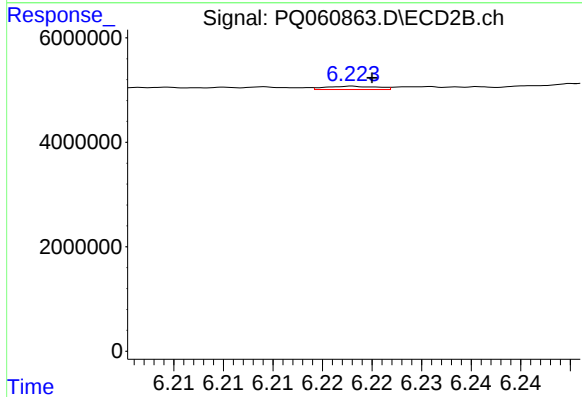
R.T.: 5.740 min
Delta R.T.: 0.009 min
Response: 3001119
Conc: 9.45 ng/ml



#37 AR-1262-2

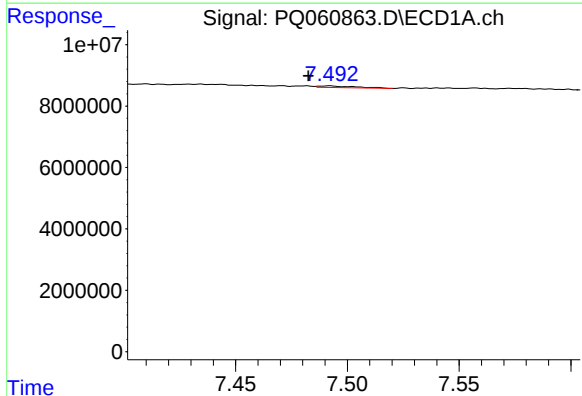
R.T.: 7.185 min
Delta R.T.: -0.021 min
Response: 8652693
Conc: 11.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



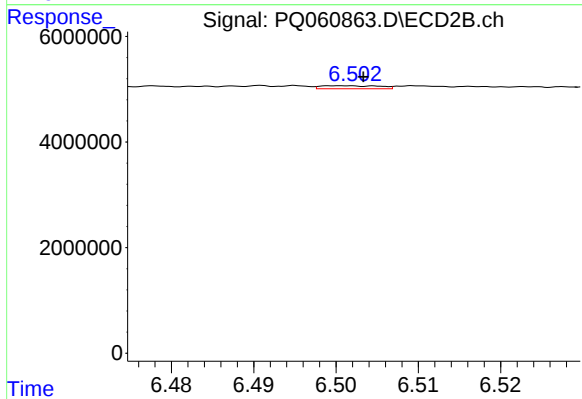
#37 AR-1262-2

R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 226460
Conc: 0.39 ng/ml



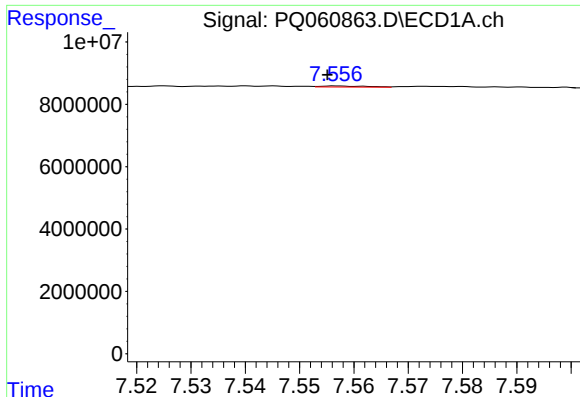
#38 AR-1262-3

R.T.: 7.492 min
Delta R.T.: 0.010 min
Response: 588776
Conc: 1.12 ng/ml



#38 AR-1262-3

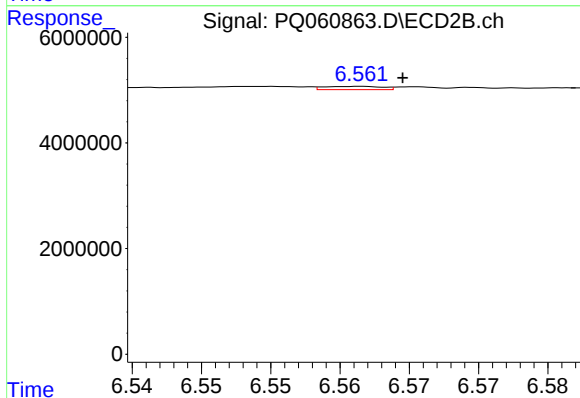
R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 290467
Conc: 1.22 ng/ml



#39 AR-1262-4

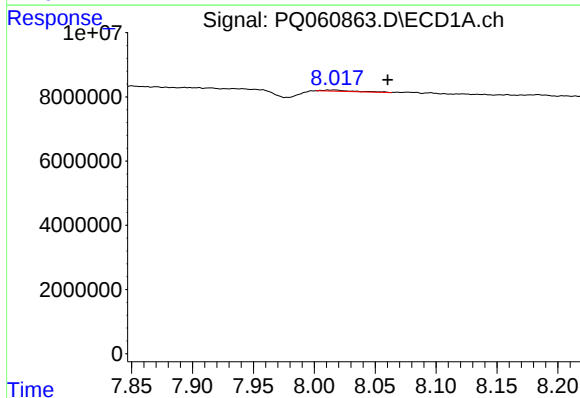
R.T.: 7.557 min
Delta R.T.: 0.002 min
Response: 202024
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



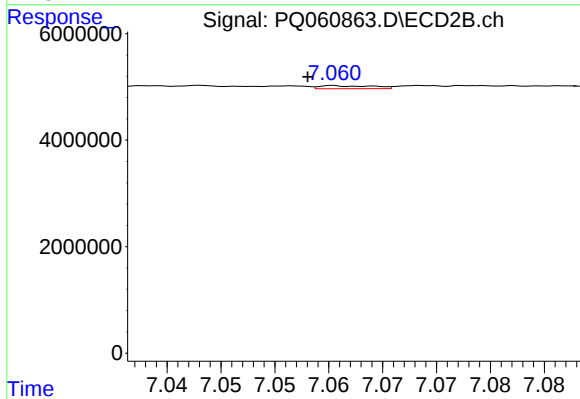
#39 AR-1262-4

R.T.: 6.562 min
Delta R.T.: -0.003 min
Response: 186882
Conc: 0.42 ng/ml



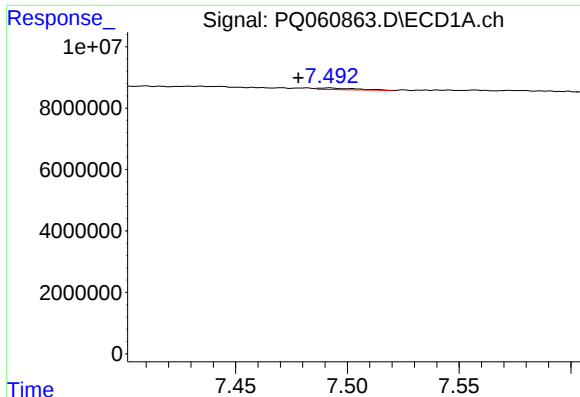
#40 AR-1262-5

R.T.: 8.017 min
Delta R.T.: -0.044 min
Response: 645527
Conc: 2.39 ng/ml



#40 AR-1262-5

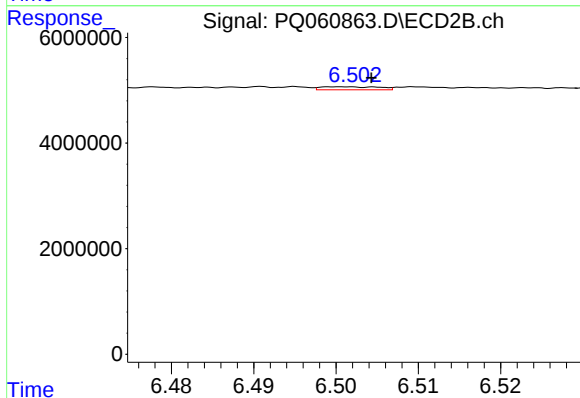
R.T.: 7.061 min
Delta R.T.: 0.003 min
Response: 194195
Conc: 0.92 ng/ml



#41 AR-1268-1

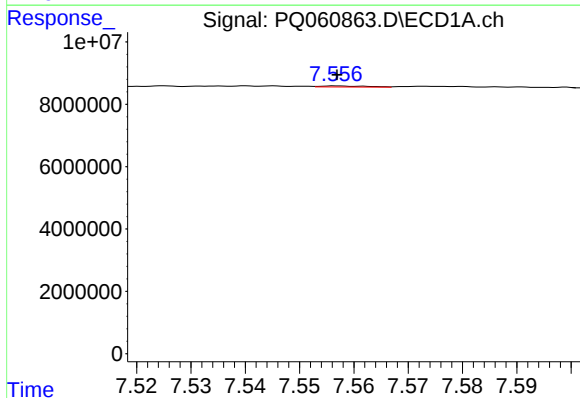
R.T.: 7.492 min
Delta R.T.: 0.014 min
Response: 588776
Conc: 0.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



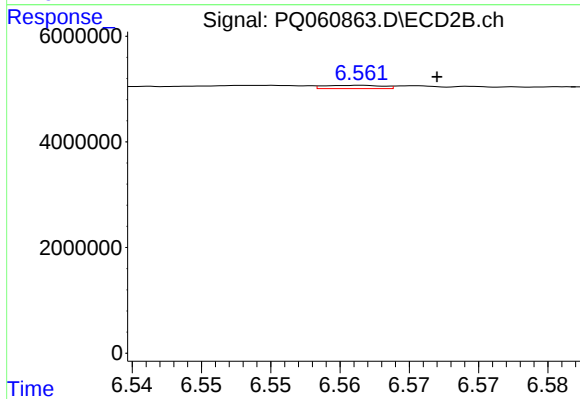
#41 AR-1268-1

R.T.: 6.502 min
Delta R.T.: -0.003 min
Response: 290467
Conc: 0.43 ng/ml



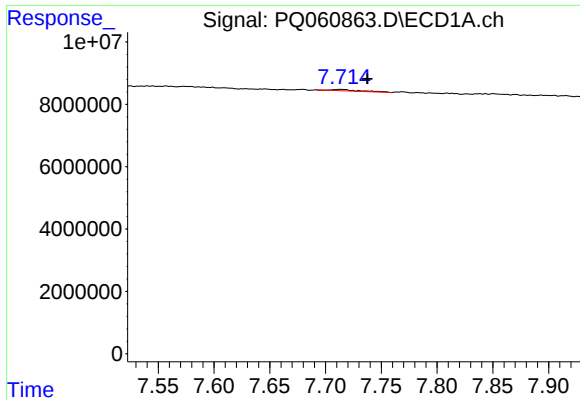
#42 AR-1268-2

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 202024
Conc: 0.25 ng/ml



#42 AR-1268-2

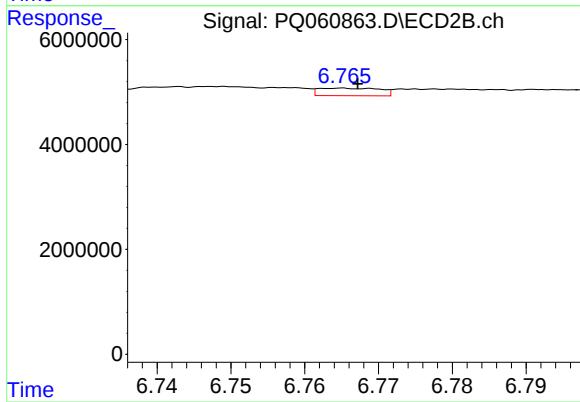
R.T.: 6.562 min
Delta R.T.: -0.005 min
Response: 186882
Conc: 0.30 ng/ml



#43 AR-1268-3

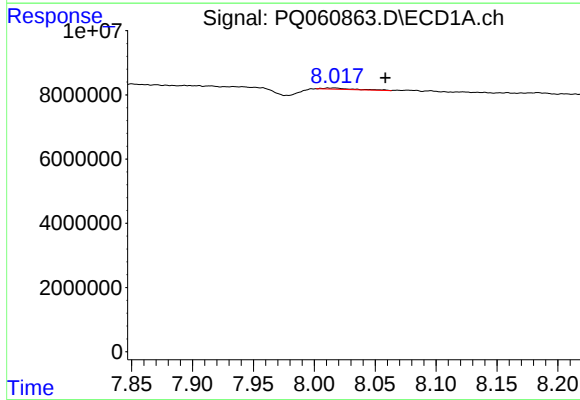
R.T.: 7.714 min
Delta R.T.: -0.024 min
Response: 718986
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



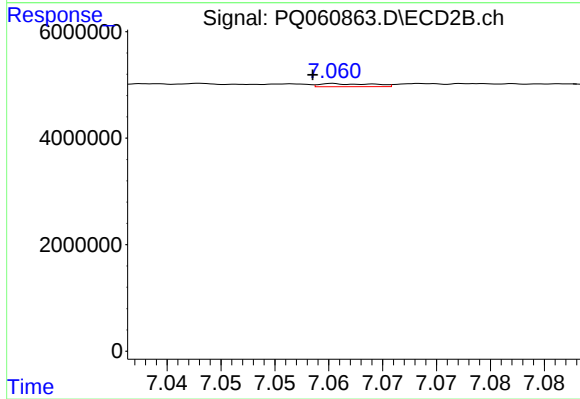
#43 AR-1268-3

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 838109
Conc: 1.55 ng/ml



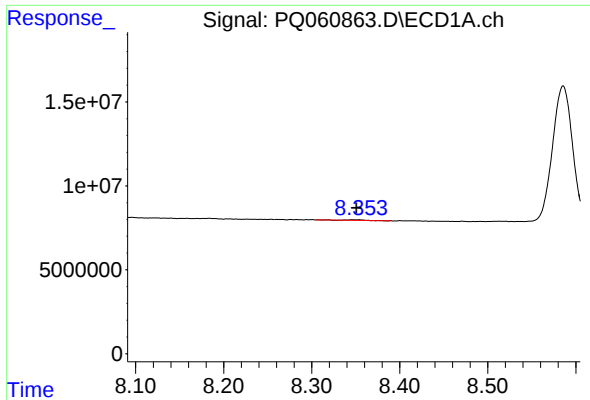
#44 AR-1268-4

R.T.: 8.017 min
Delta R.T.: -0.042 min
Response: 645527
Conc: 2.19 ng/ml



#44 AR-1268-4

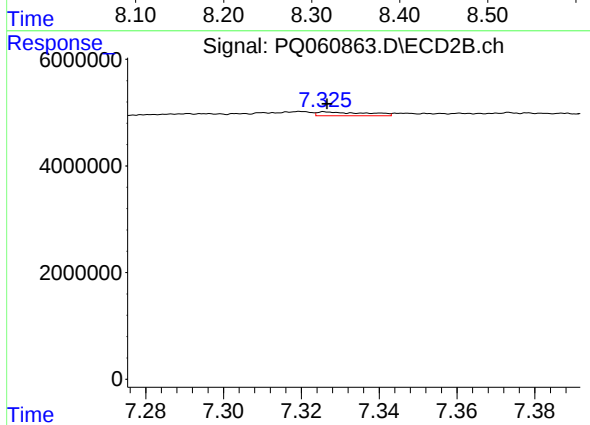
R.T.: 7.061 min
Delta R.T.: 0.002 min
Response: 194195
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 8.347 min
Delta R.T.: -0.004 min
Response: 358999
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 628203
Conc: 0.36 ng/ml