

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102222\
 Data File : PQ059763.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2022 20:47
 Operator : YP\AJ
 Sample : N4955-02
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 13:12:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 21 08:02:10 2022
 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...	3.483	2.828	239.4E6	171.6E6	21.171	21.527
2)	SA Decachlor...	8.652	7.602	127.7E6	185.9E6	23.356	22.121
Target Compounds							
3)	L1 AR-1016-1	4.582	3.834	14439269	9139835	34.341	32.022
4)	L1 AR-1016-2	4.602	3.850	21401858	13772262	34.780	32.452
5)	L1 AR-1016-3	4.660	4.012	13873249	6580040	37.196	29.869
6)	L1 AR-1016-4	4.752	4.059	10802963	5170899	35.282	30.239
7)	L1 AR-1016-5	5.038	4.256	11134122	7554287	35.977	33.657
8)	L2 AR-1221-1	3.687	3.028	211.1E6	999190	1510.987	10.201 #
9)	L2 AR-1221-2	3.759	3.101	38916144	3002606	372.733	41.043 #
10)	L2 AR-1221-3	3.832	3.176	23658003	5125909	76.072	22.774 #
11)	L3 AR-1232-1	3.832	3.176	23658003	5125909	96.885	29.287 #
12)	L3 AR-1232-2	4.325	3.850	11028234	13772262	72.268	71.458
13)	L3 AR-1232-3	4.602	4.012	21401858	6580040	77.372	66.255
14)	L3 AR-1232-4	4.752	4.096	10802963	6303103	75.804	76.073
15)	L3 AR-1232-5	4.848	4.256	7863517	7554287	84.749	75.540
16)	L4 AR-1242-1	4.582	3.834	14439269	9139835	46.865	42.461
17)	L4 AR-1242-2	4.602	3.850	21401858	13772262	47.797	43.484
18)	L4 AR-1242-3	4.660	4.012	13873249	6580040	50.208	39.666
19)	L4 AR-1242-4	4.752	4.096	10802963	6303103	47.168	41.547
20)	L4 AR-1242-5	5.465	4.592	11432675	8708744	46.791	40.830
21)	L5 AR-1248-1	4.582	3.834	14439269	9139835	59.808	54.644
22)	L5 AR-1248-2	4.848	4.059	7863517	5170899	27.405	23.052
23)	L5 AR-1248-3	5.038	4.096	11134122	6303103	29.447	28.936
24)	L5 AR-1248-4	5.429	4.256	11389610	7554287	27.211	26.953
25)	L5 AR-1248-5	5.465	4.630	11432675	7520232	27.966	27.604
26)	L6 AR-1254-1	5.401	4.592	8769334	8708744	19.611	19.634
27)	L6 AR-1254-2	5.616	4.737	10532979	1693520	15.304	4.335 #
28)	L6 AR-1254-3	5.971	5.120	5994049	2997391	8.352	4.981 #
29)	L6 AR-1254-4	6.254	5.346	4468395	2622334	8.817	6.446 #
30)	L6 AR-1254-5	6.666	5.750	1692037	1078788	3.193	1.746 #
31)	L7 AR-1260-1	6.134	5.254	1423761	2883993	2.511	6.355 #
32)	L7 AR-1260-2	6.392	5.438	1326517	316003	2.093	0.567 #
33)	L7 AR-1260-3	6.721f	5.575	196889	498958	0.533	0.939 #
34)	L7 AR-1260-4	6.960	6.016f	60729	740600	0.146	1.874 #
35)	L7 AR-1260-5	0.000	6.310f	0	270360	N.D.	0.276 #
36)	L8 AR-1262-1	6.721f	5.790	196889	155848	0.340	0.260
37)	L8 AR-1262-2	0.000	6.261f	0	405981	N.D.	0.362 #
38)	L8 AR-1262-3	7.548	0.000	163572	0	0.296	N.D. #
39)	L8 AR-1262-4	0.000	6.598f	0	736773	N.D.	0.880 #
41)	L9 AR-1268-1	7.548	0.000	163572	0	0.173	N.D. #
42)	L9 AR-1268-2	0.000	6.652f	0	187326	N.D.	0.154 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102122.M
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 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	7.803	6.827	592830	1245708	0.857	1.186 #
45) L9	AR-1268-5	8.419	7.383	809789	1267154	0.397	0.374

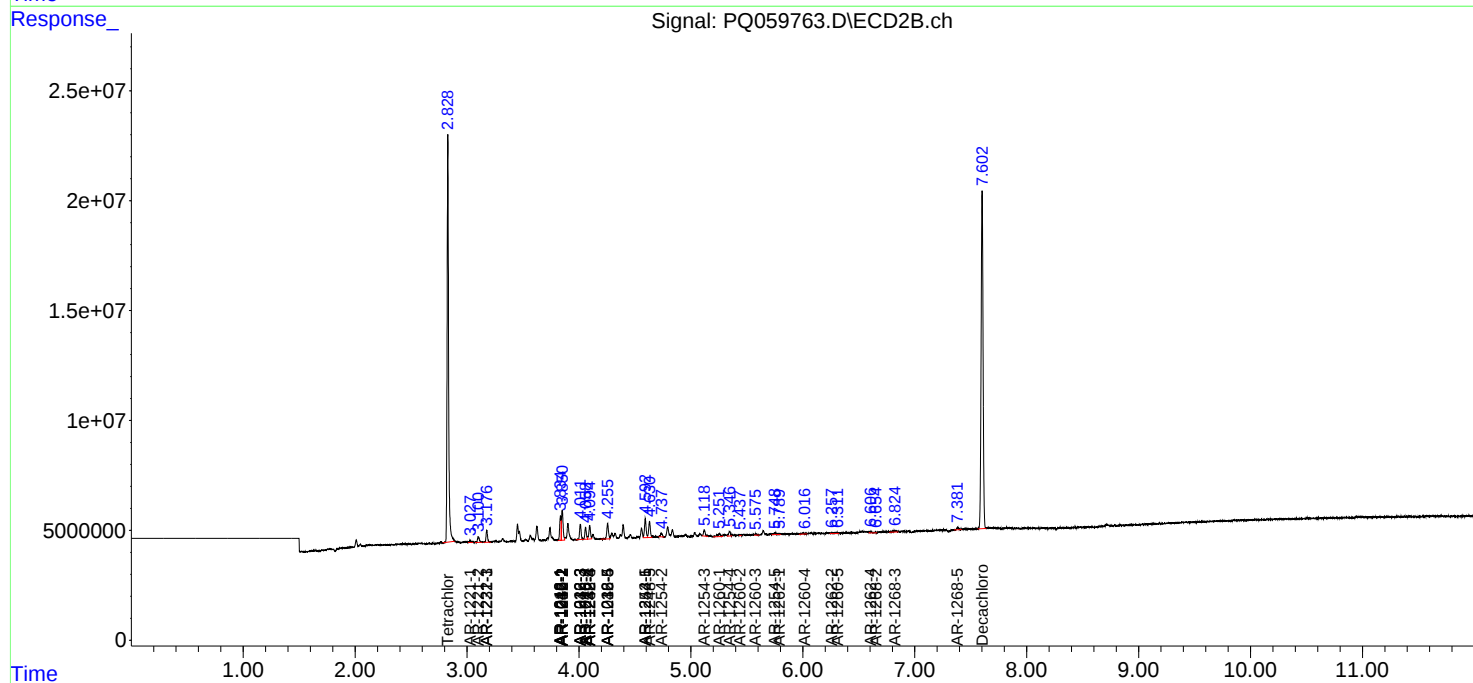
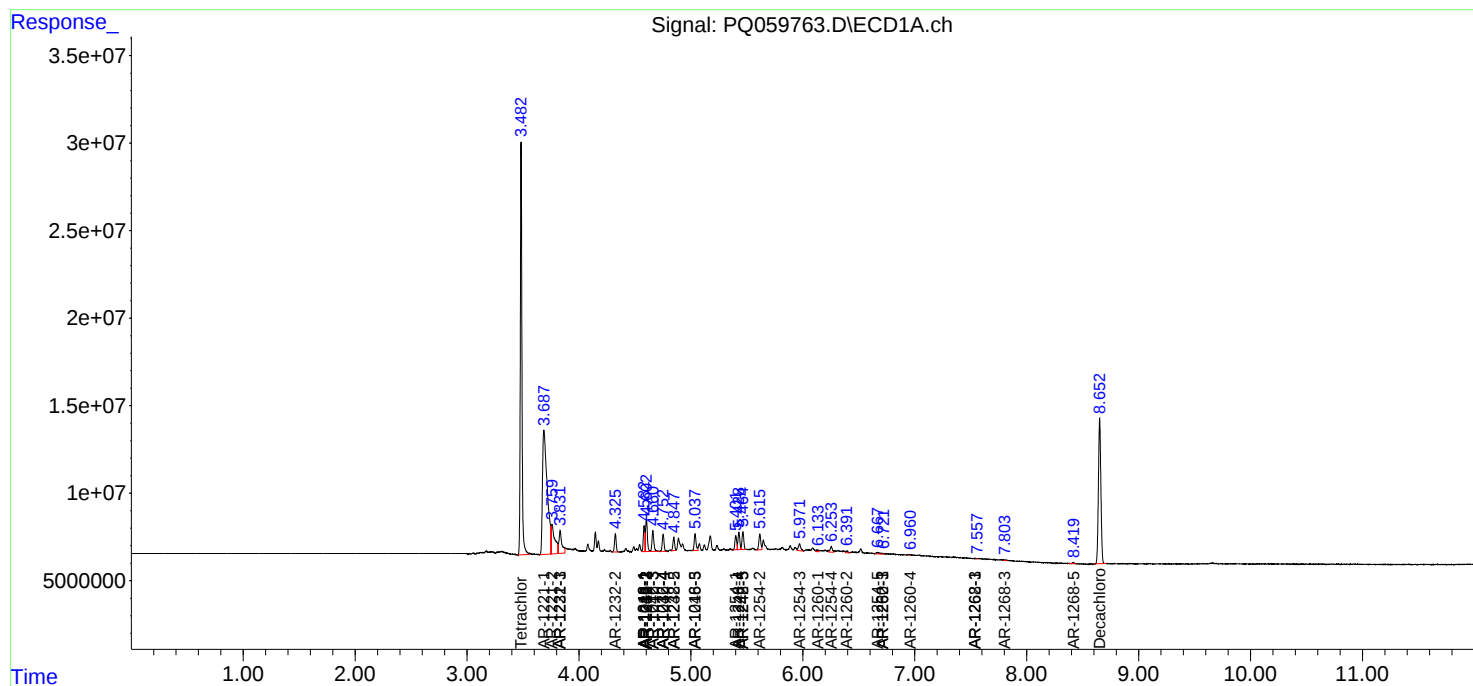
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

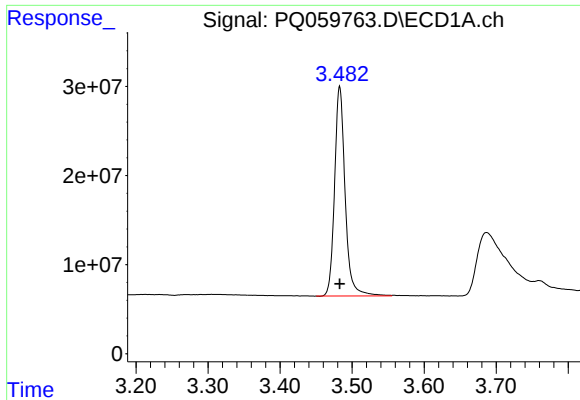
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102222\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

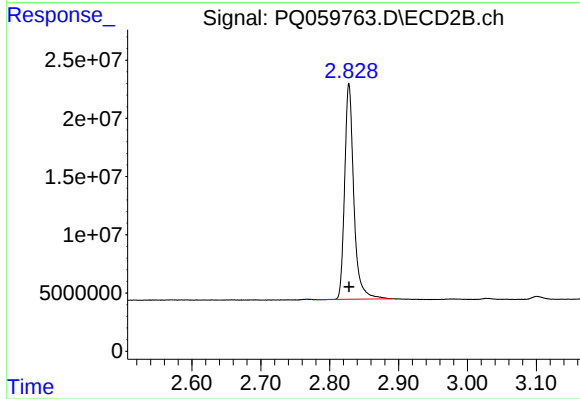




#1 Tetrachloro-m-xylene

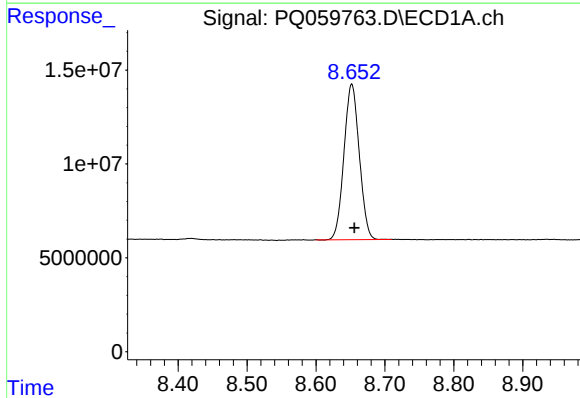
R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 239406599
Conc: 21.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



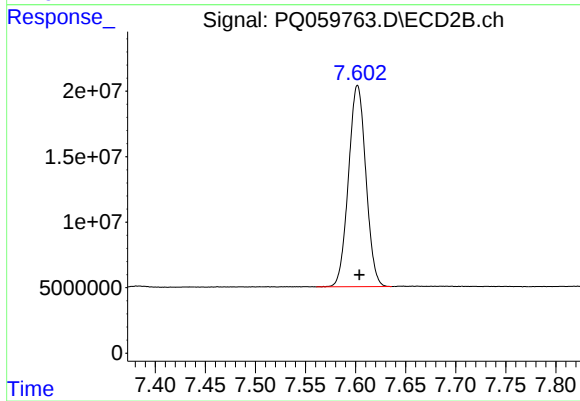
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 171606657
Conc: 21.53 ng/ml



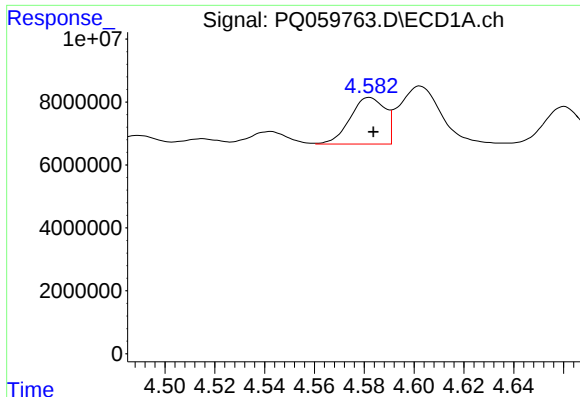
#2 Decachlorobiphenyl

R.T.: 8.652 min
Delta R.T.: -0.004 min
Response: 127701679
Conc: 23.36 ng/ml



#2 Decachlorobiphenyl

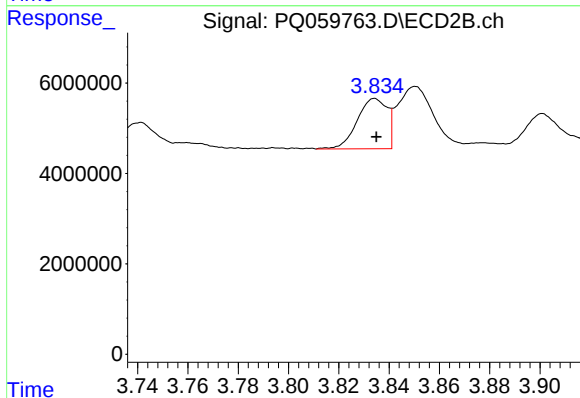
R.T.: 7.602 min
Delta R.T.: -0.002 min
Response: 185850825
Conc: 22.12 ng/ml



#3 AR-1016-1

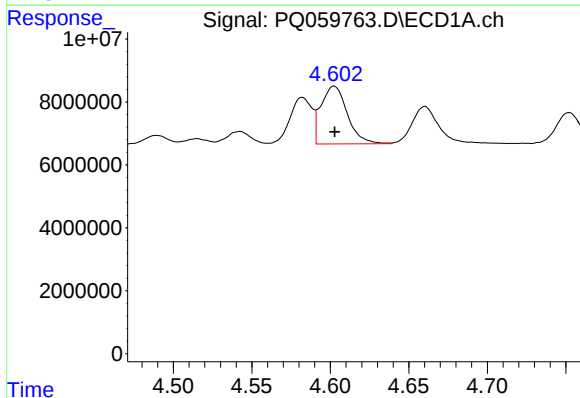
R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 14439269
Conc: 34.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



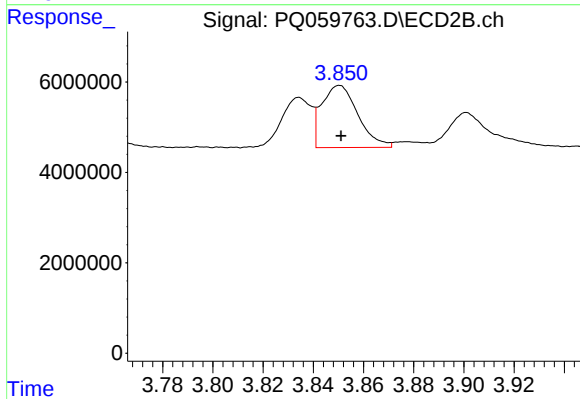
#3 AR-1016-1

R.T.: 3.834 min
Delta R.T.: 0.000 min
Response: 9139835
Conc: 32.02 ng/ml



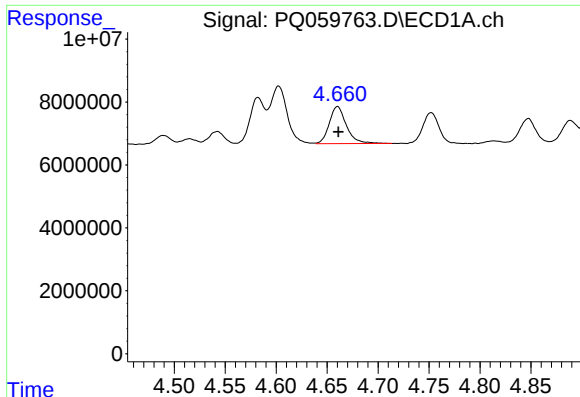
#4 AR-1016-2

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 21401858
Conc: 34.78 ng/ml



#4 AR-1016-2

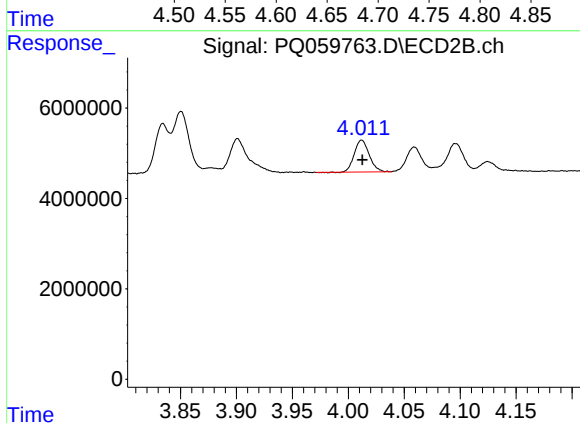
R.T.: 3.850 min
Delta R.T.: 0.000 min
Response: 13772262
Conc: 32.45 ng/ml



#5 AR-1016-3

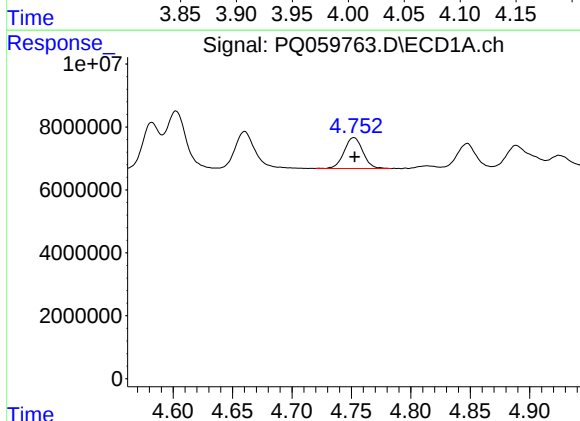
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 13873249
Conc: 37.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



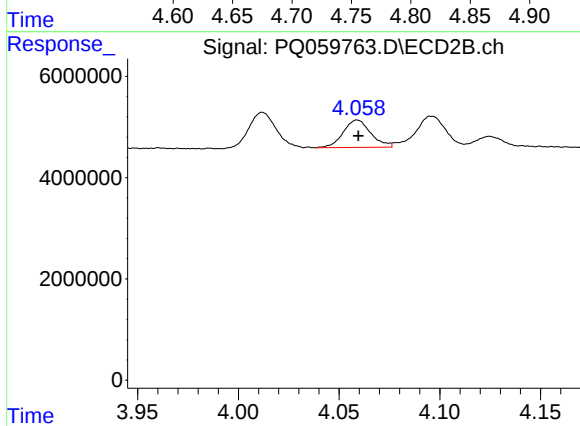
#5 AR-1016-3

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 6580040
Conc: 29.87 ng/ml



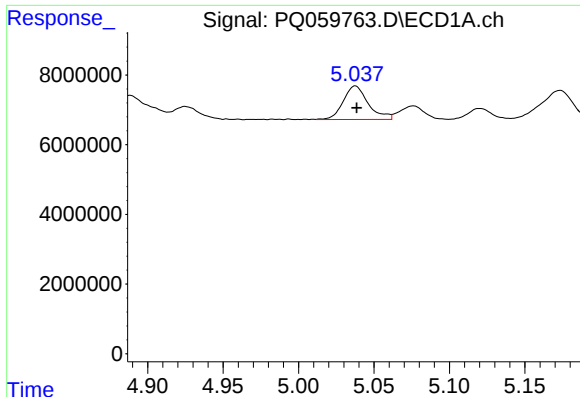
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 10802963
Conc: 35.28 ng/ml



#6 AR-1016-4

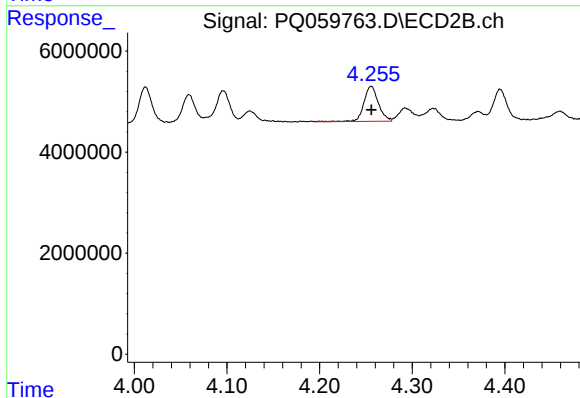
R.T.: 4.059 min
Delta R.T.: 0.000 min
Response: 5170899
Conc: 30.24 ng/ml



#7 AR-1016-5

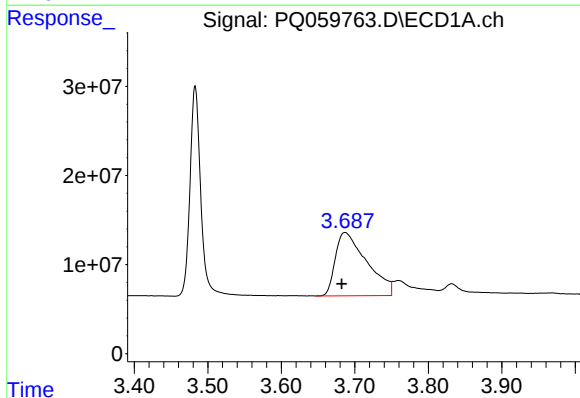
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 11134122
Conc: 35.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



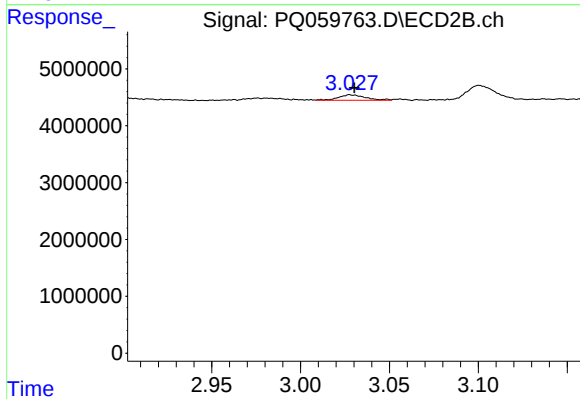
#7 AR-1016-5

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 7554287
Conc: 33.66 ng/ml



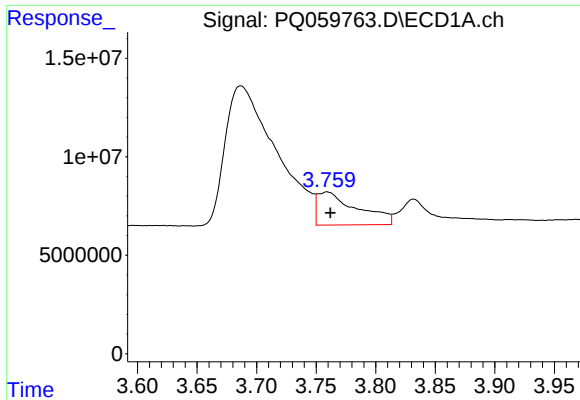
#8 AR-1221-1

R.T.: 3.687 min
Delta R.T.: 0.004 min
Response: 211072223
Conc: 1510.99 ng/ml



#8 AR-1221-1

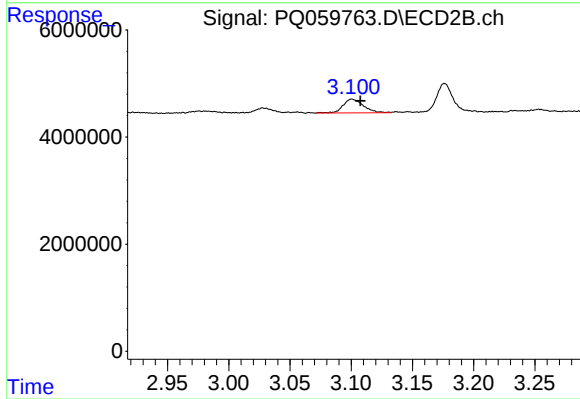
R.T.: 3.028 min
Delta R.T.: -0.002 min
Response: 999190
Conc: 10.20 ng/ml



#9 AR-1221-2

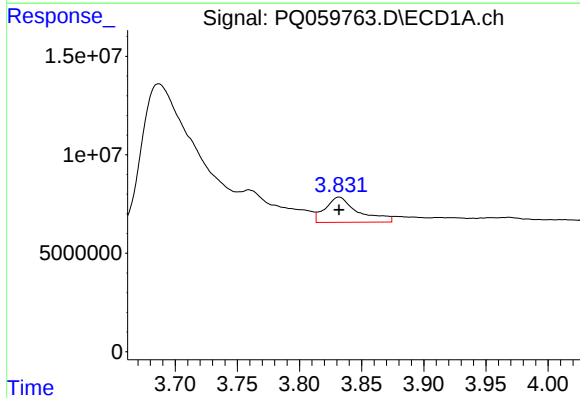
R.T.: 3.759 min
Delta R.T.: -0.003 min
Response: 38916144
Conc: 372.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



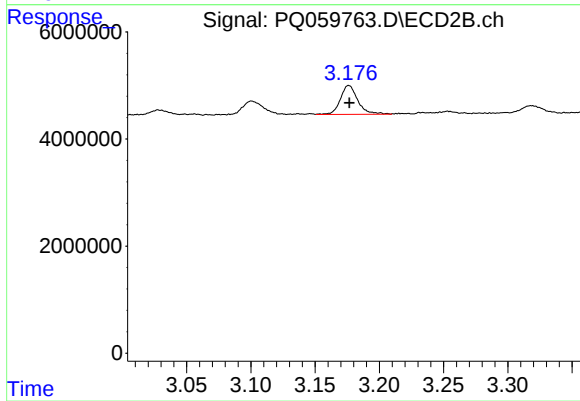
#9 AR-1221-2

R.T.: 3.101 min
Delta R.T.: -0.007 min
Response: 3002606
Conc: 41.04 ng/ml



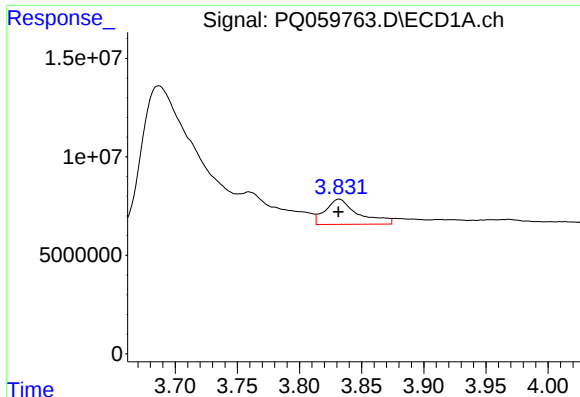
#10 AR-1221-3

R.T.: 3.832 min
Delta R.T.: 0.000 min
Response: 23658003
Conc: 76.07 ng/ml



#10 AR-1221-3

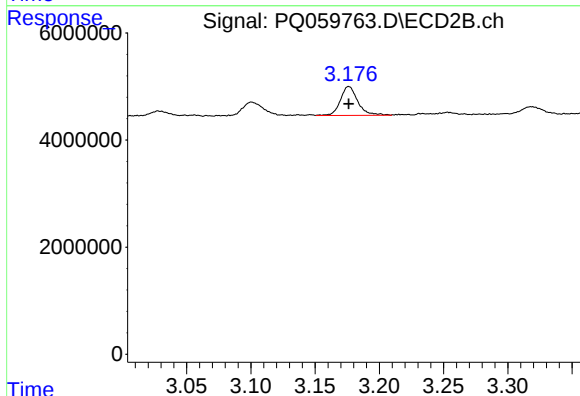
R.T.: 3.176 min
Delta R.T.: 0.000 min
Response: 5125909
Conc: 22.77 ng/ml



#11 AR-1232-1

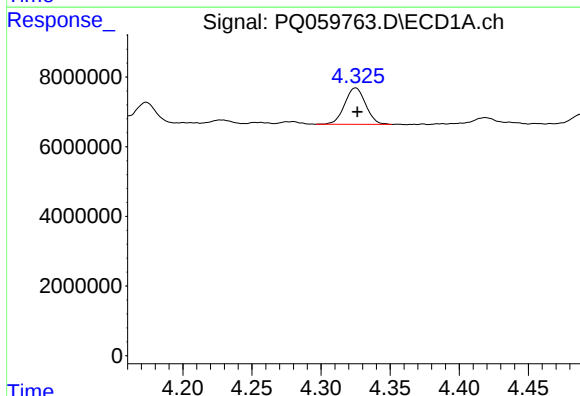
R.T.: 3.832 min
Delta R.T.: 0.000 min
Response: 23658003
Conc: 96.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



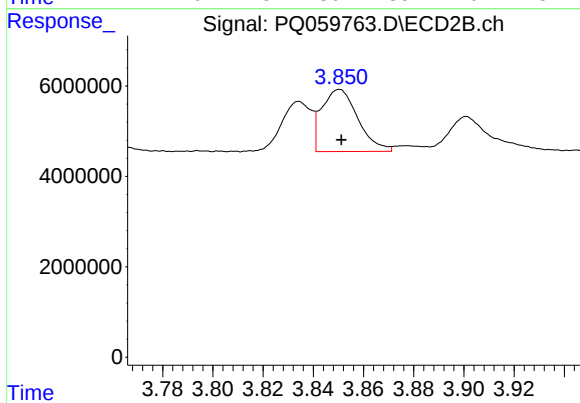
#11 AR-1232-1

R.T.: 3.176 min
Delta R.T.: 0.000 min
Response: 5125909
Conc: 29.29 ng/ml



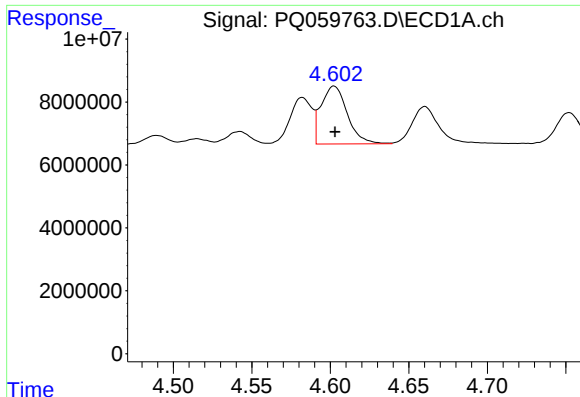
#12 AR-1232-2

R.T.: 4.325 min
Delta R.T.: -0.001 min
Response: 11028234
Conc: 72.27 ng/ml



#12 AR-1232-2

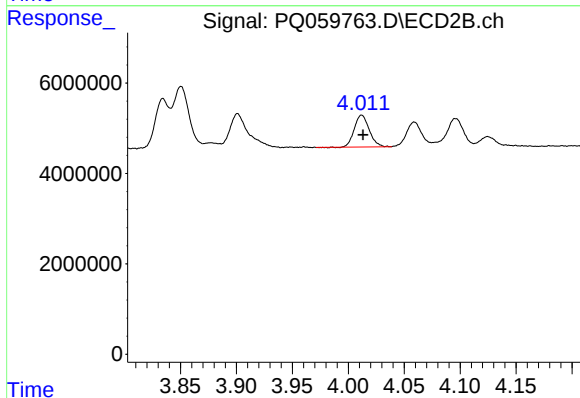
R.T.: 3.850 min
Delta R.T.: 0.000 min
Response: 13772262
Conc: 71.46 ng/ml



#13 AR-1232-3

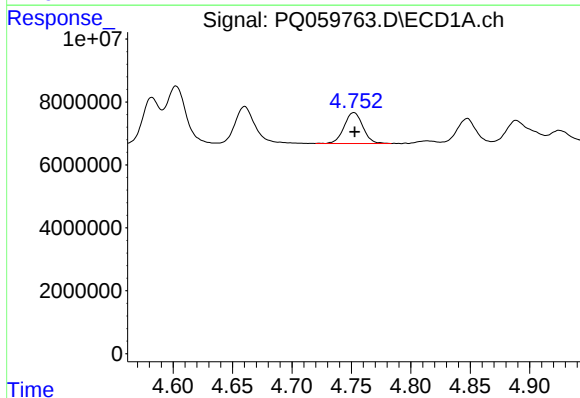
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 21401858
Conc: 77.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



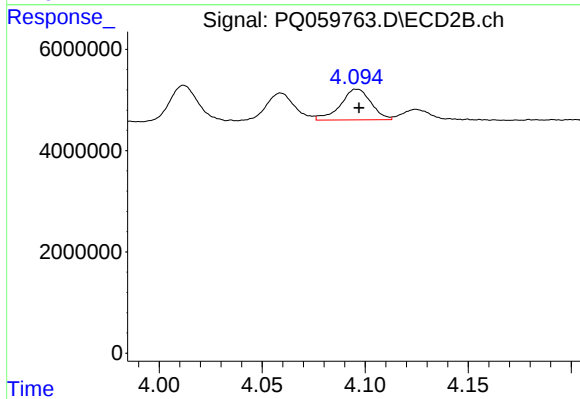
#13 AR-1232-3

R.T.: 4.012 min
Delta R.T.: -0.001 min
Response: 6580040
Conc: 66.26 ng/ml



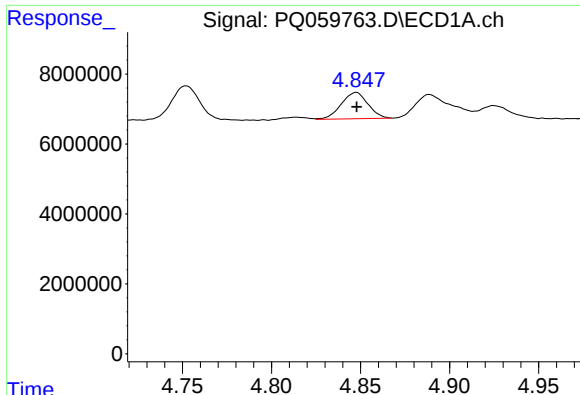
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 10802963
Conc: 75.80 ng/ml



#14 AR-1232-4

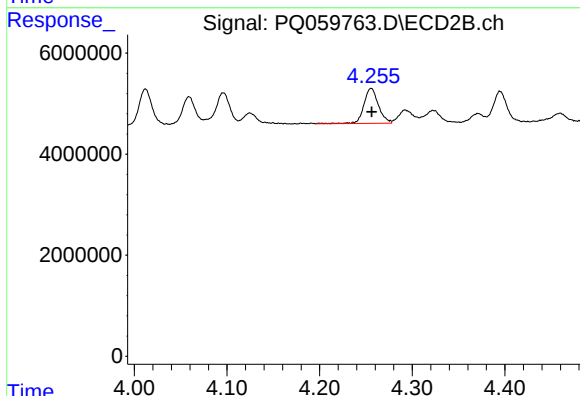
R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 6303103
Conc: 76.07 ng/ml



#15 AR-1232-5

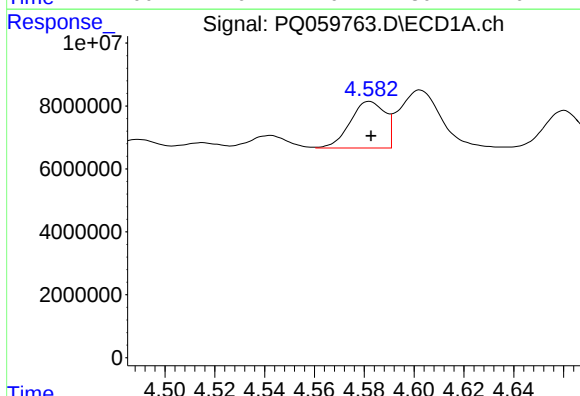
R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 7863517
Conc: 84.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



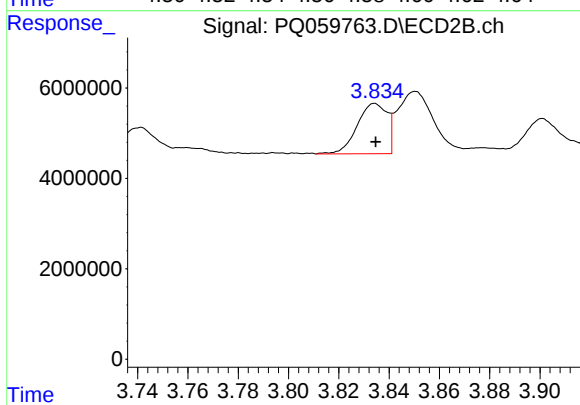
#15 AR-1232-5

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 7554287
Conc: 75.54 ng/ml



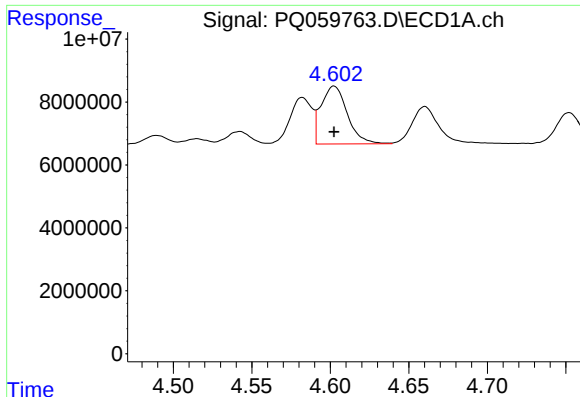
#16 AR-1242-1

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 14439269
Conc: 46.86 ng/ml



#16 AR-1242-1

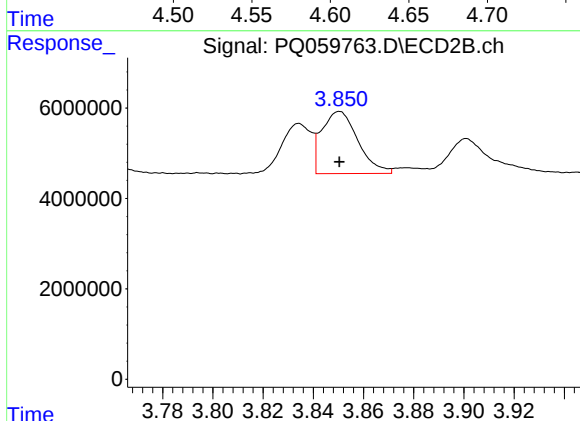
R.T.: 3.834 min
Delta R.T.: 0.000 min
Response: 9139835
Conc: 42.46 ng/ml



#17 AR-1242-2

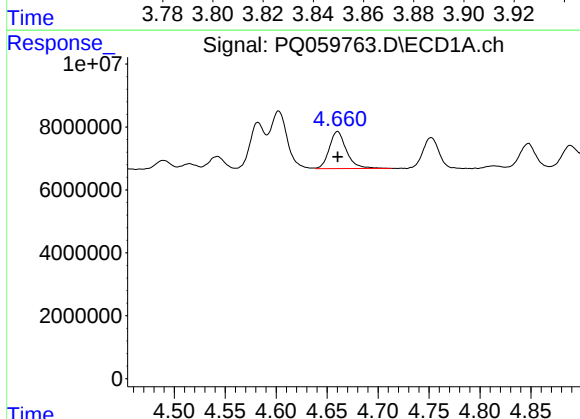
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 21401858
Conc: 47.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



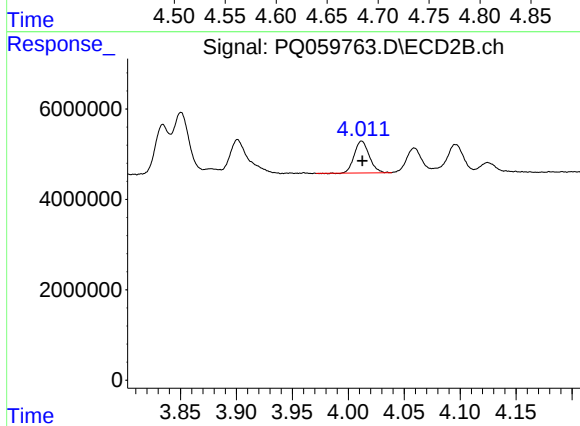
#17 AR-1242-2

R.T.: 3.850 min
Delta R.T.: 0.000 min
Response: 13772262
Conc: 43.48 ng/ml



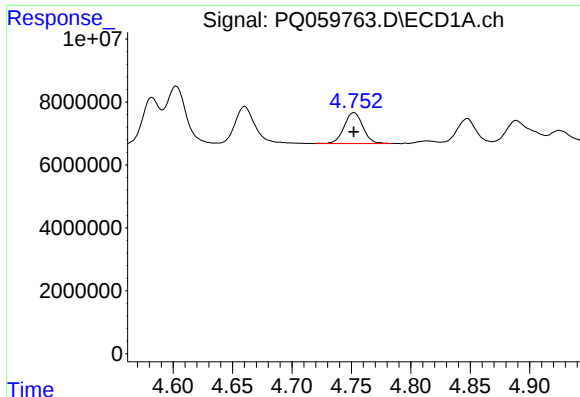
#18 AR-1242-3

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 13873249
Conc: 50.21 ng/ml



#18 AR-1242-3

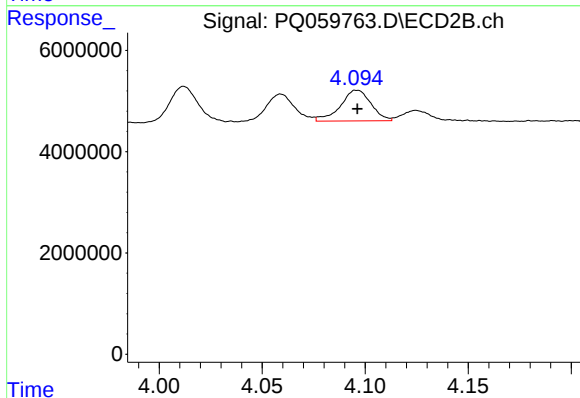
R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 6580040
Conc: 39.67 ng/ml



#19 AR-1242-4

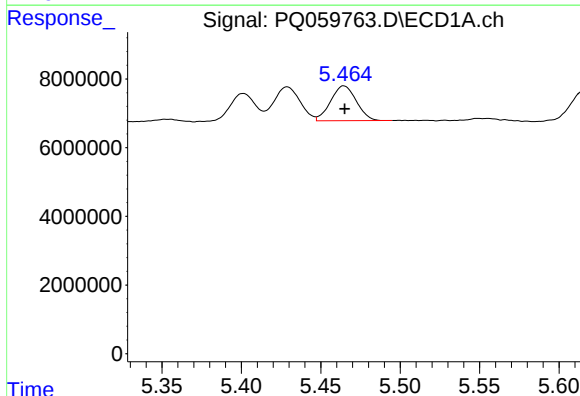
R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 10802963
Conc: 47.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



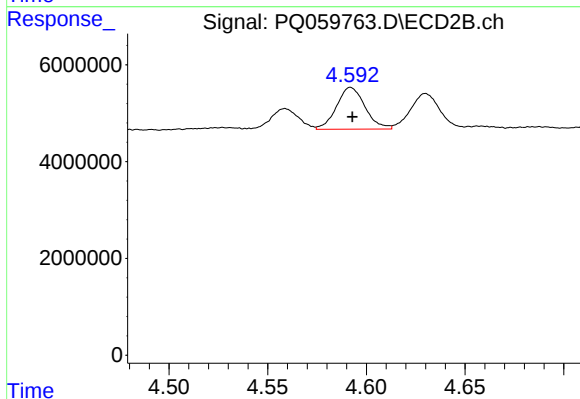
#19 AR-1242-4

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 6303103
Conc: 41.55 ng/ml



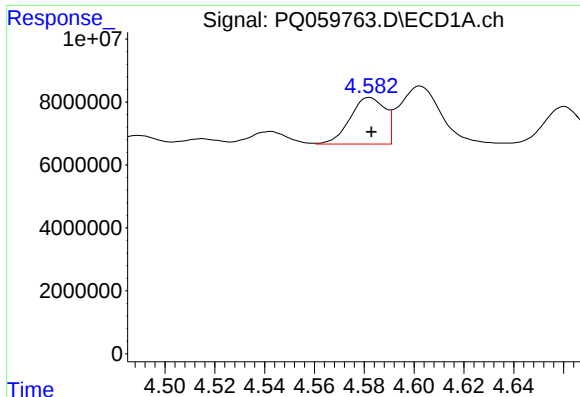
#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 11432675
Conc: 46.79 ng/ml



#20 AR-1242-5

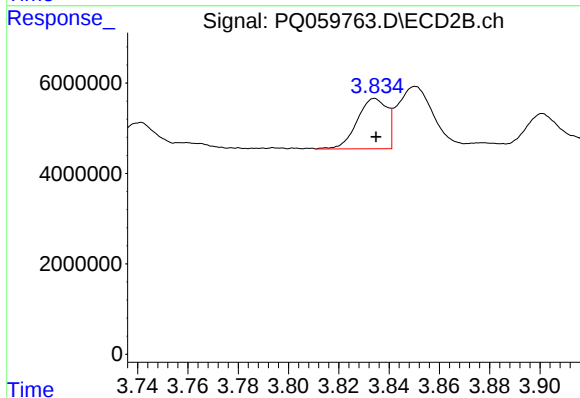
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 8708744
Conc: 40.83 ng/ml



#21 AR-1248-1

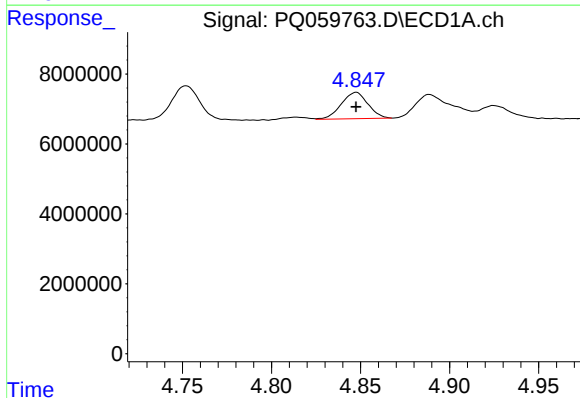
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 14439269
Conc: 59.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



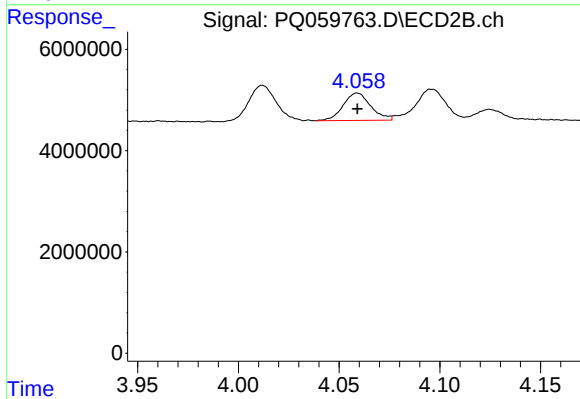
#21 AR-1248-1

R.T.: 3.834 min
Delta R.T.: 0.000 min
Response: 9139835
Conc: 54.64 ng/ml



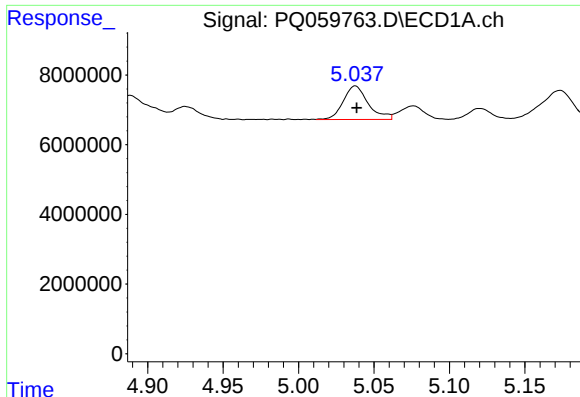
#22 AR-1248-2

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 7863517
Conc: 27.40 ng/ml



#22 AR-1248-2

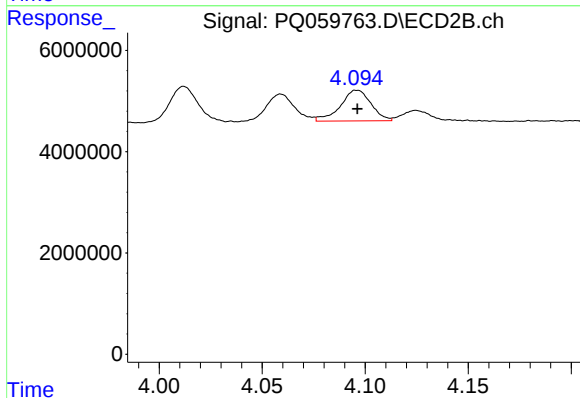
R.T.: 4.059 min
Delta R.T.: 0.000 min
Response: 5170899
Conc: 23.05 ng/ml



#23 AR-1248-3

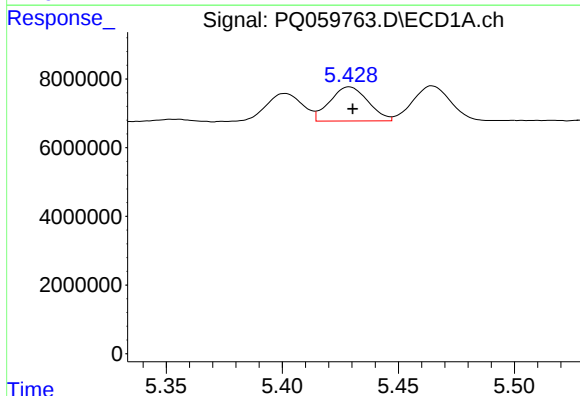
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 11134122
Conc: 29.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



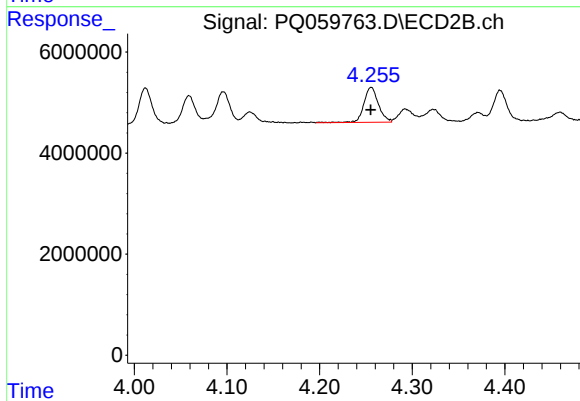
#23 AR-1248-3

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 6303103
Conc: 28.94 ng/ml



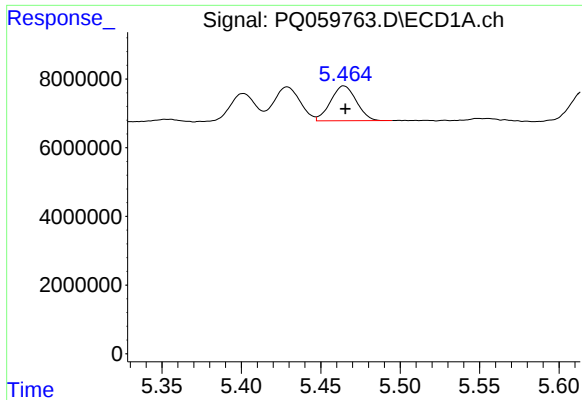
#24 AR-1248-4

R.T.: 5.429 min
Delta R.T.: -0.001 min
Response: 11389610
Conc: 27.21 ng/ml



#24 AR-1248-4

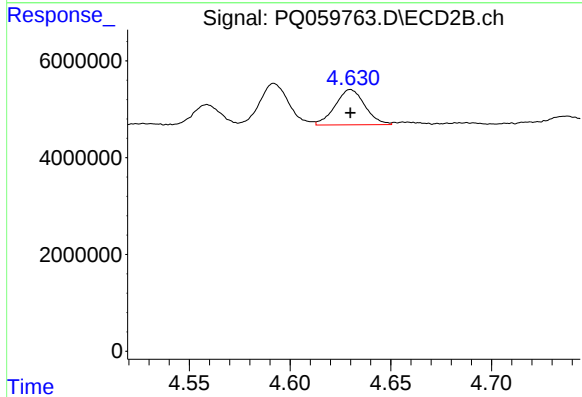
R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 7554287
Conc: 26.95 ng/ml



#25 AR-1248-5

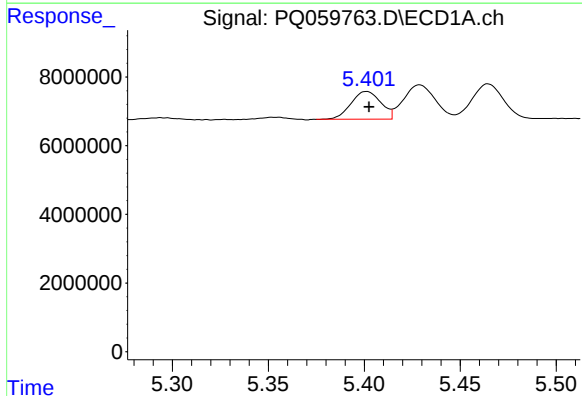
R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 11432675
Conc: 27.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



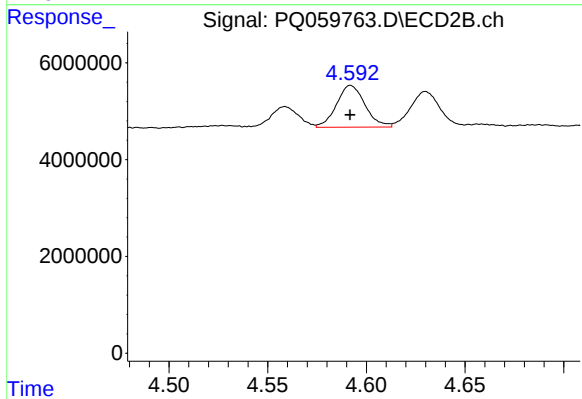
#25 AR-1248-5

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 7520232
Conc: 27.60 ng/ml



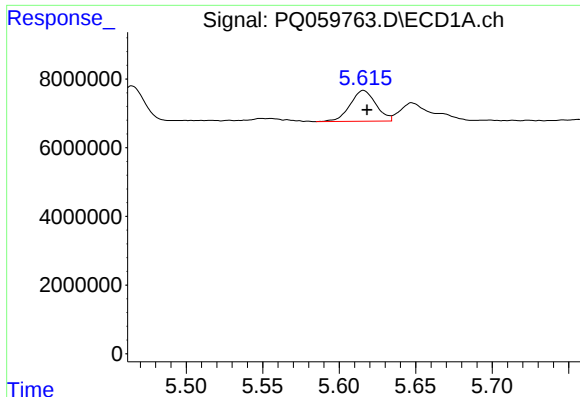
#26 AR-1254-1

R.T.: 5.401 min
Delta R.T.: -0.001 min
Response: 8769334
Conc: 19.61 ng/ml



#26 AR-1254-1

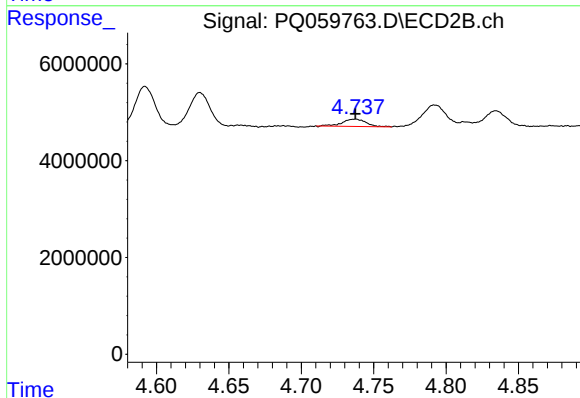
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 8708744
Conc: 19.63 ng/ml



#27 AR-1254-2

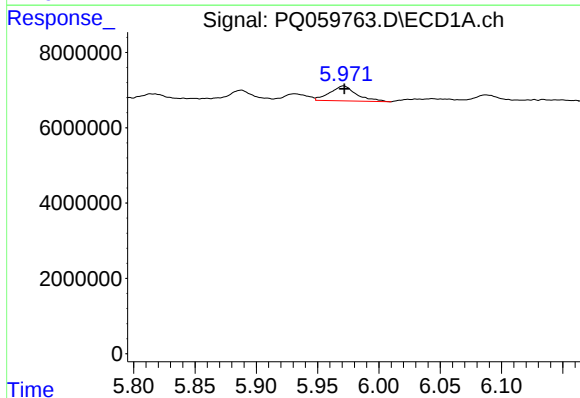
R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 10532979
Conc: 15.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



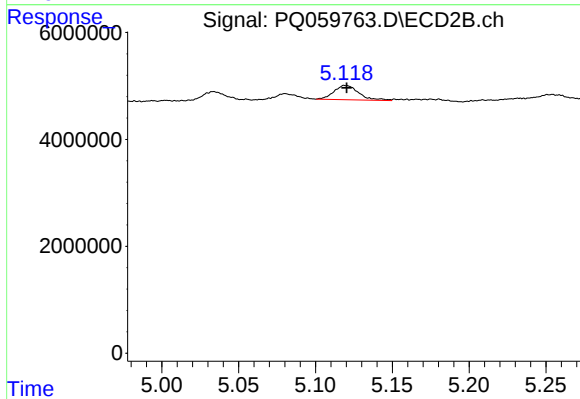
#27 AR-1254-2

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 1693520
Conc: 4.34 ng/ml



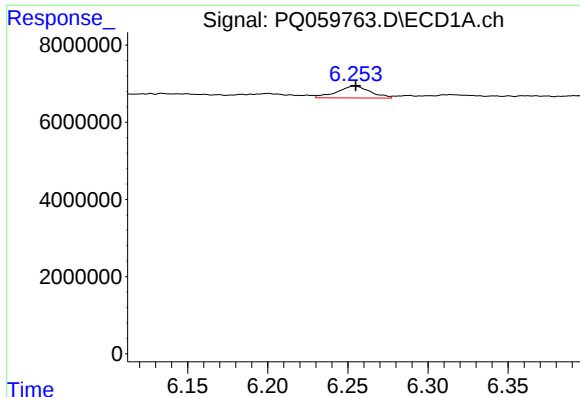
#28 AR-1254-3

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 5994049
Conc: 8.35 ng/ml



#28 AR-1254-3

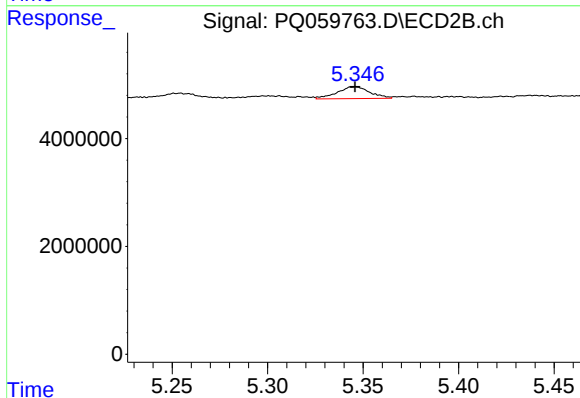
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 2997391
Conc: 4.98 ng/ml



#29 AR-1254-4

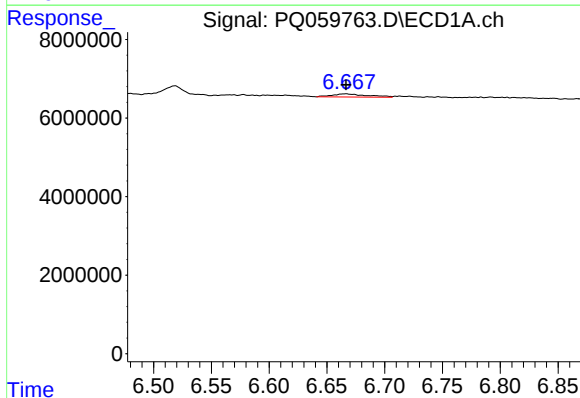
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 4468395
Conc: 8.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



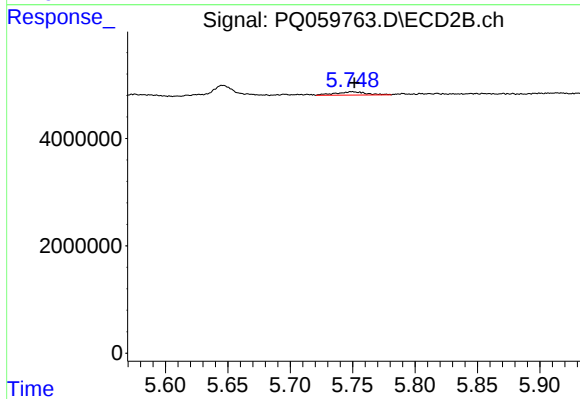
#29 AR-1254-4

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 2622334
Conc: 6.45 ng/ml



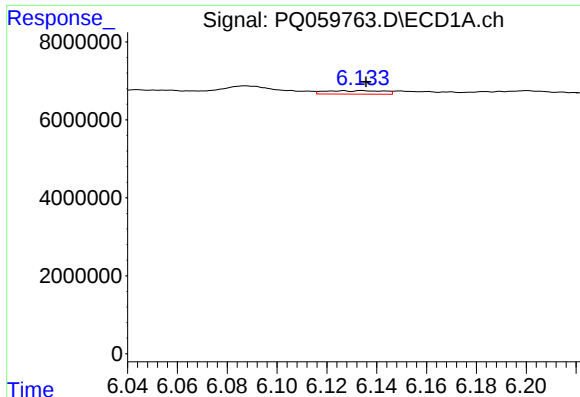
#30 AR-1254-5

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 1692037
Conc: 3.19 ng/ml



#30 AR-1254-5

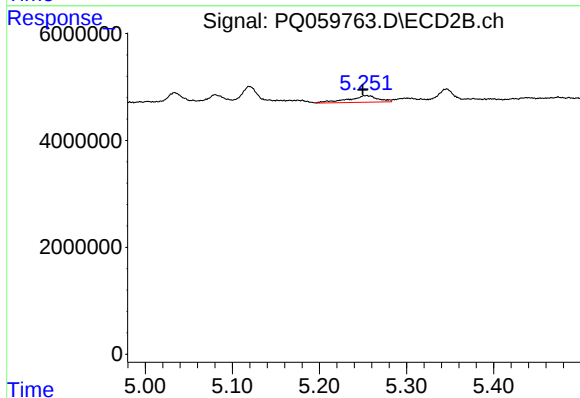
R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 1078788
Conc: 1.75 ng/ml



#31 AR-1260-1

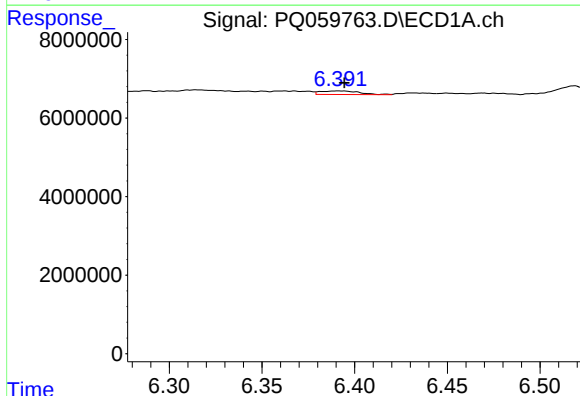
R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 1423761
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



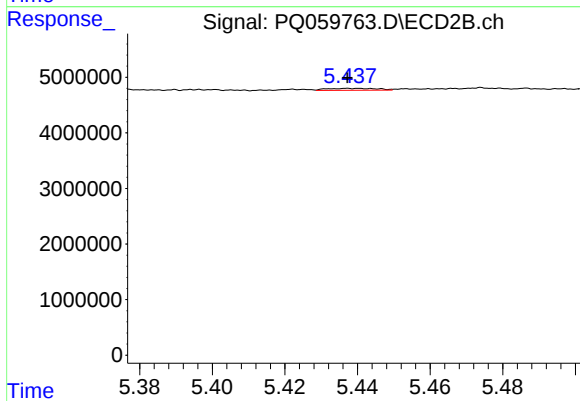
#31 AR-1260-1

R.T.: 5.254 min
Delta R.T.: 0.004 min
Response: 2883993
Conc: 6.35 ng/ml



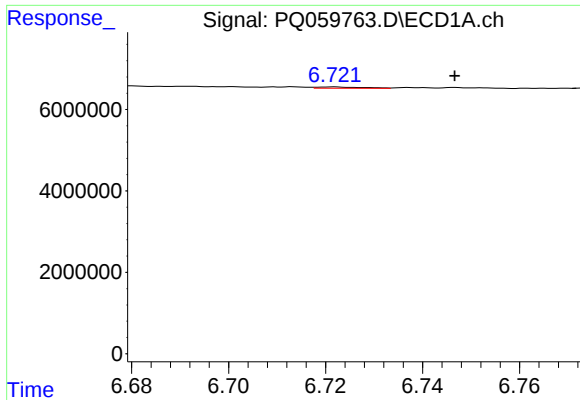
#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 1326517
Conc: 2.09 ng/ml



#32 AR-1260-2

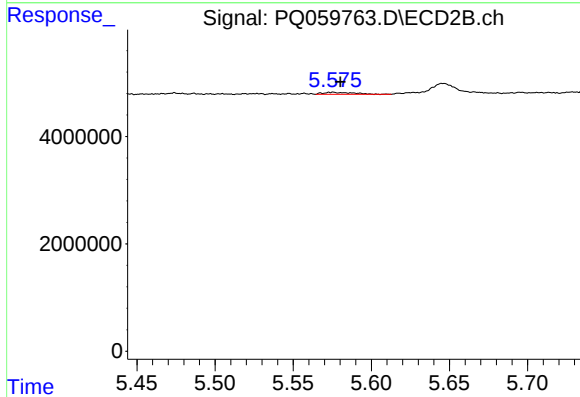
R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 316003
Conc: 0.57 ng/ml



#33 AR-1260-3

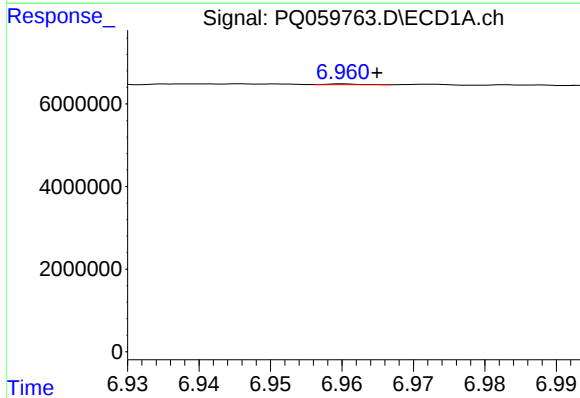
R.T.: 6.721 min
Delta R.T.: -0.025 min
Response: 196889
Conc: 0.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



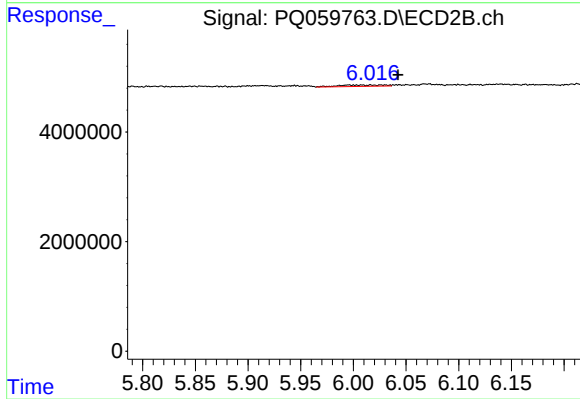
#33 AR-1260-3

R.T.: 5.575 min
Delta R.T.: -0.005 min
Response: 498958
Conc: 0.94 ng/ml



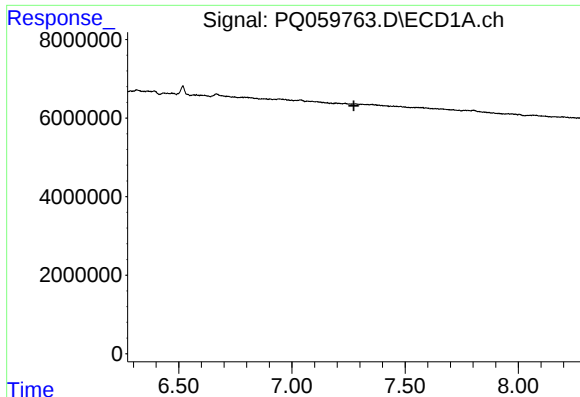
#34 AR-1260-4

R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 60729
Conc: 0.15 ng/ml



#34 AR-1260-4

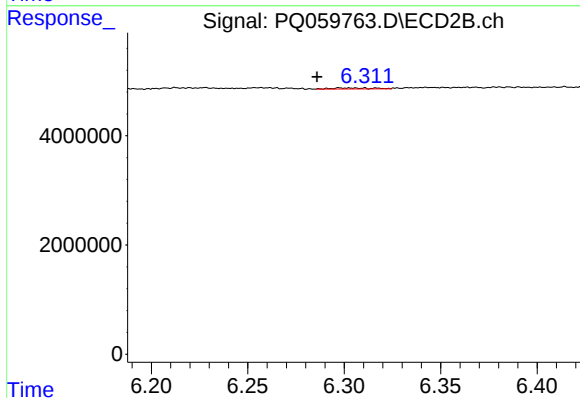
R.T.: 6.016 min
Delta R.T.: -0.026 min
Response: 740600
Conc: 1.87 ng/ml



#35 AR-1260-5

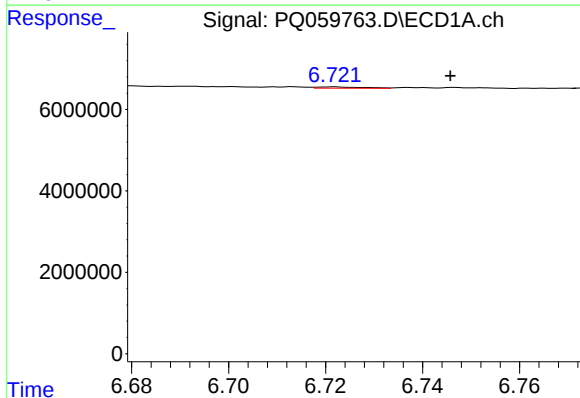
R.T.: 0.000 min
Exp R.T.: 7.274 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



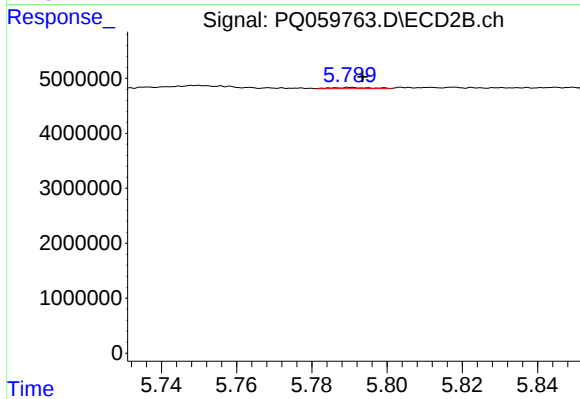
#35 AR-1260-5

R.T.: 6.310 min
Delta R.T.: 0.024 min
Response: 270360
Conc: 0.28 ng/ml



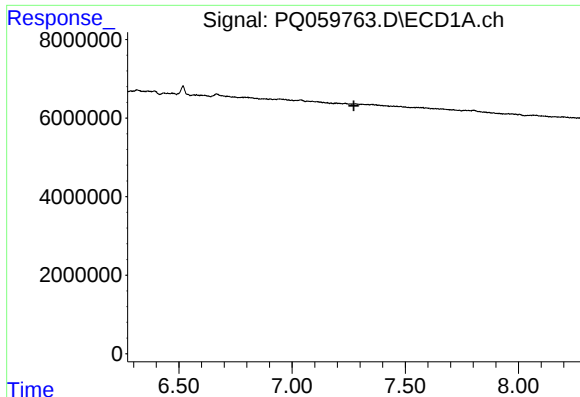
#36 AR-1262-1

R.T.: 6.721 min
Delta R.T.: -0.024 min
Response: 196889
Conc: 0.34 ng/ml



#36 AR-1262-1

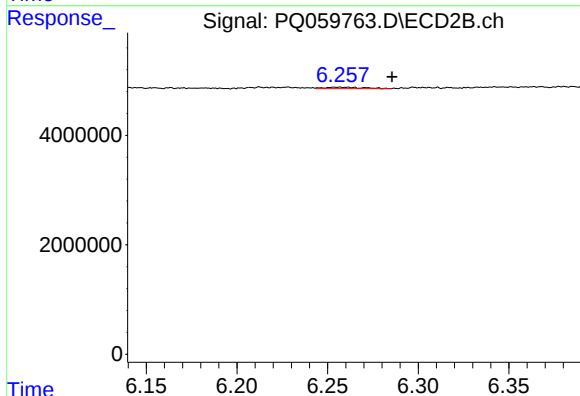
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 155848
Conc: 0.26 ng/ml



#37 AR-1262-2

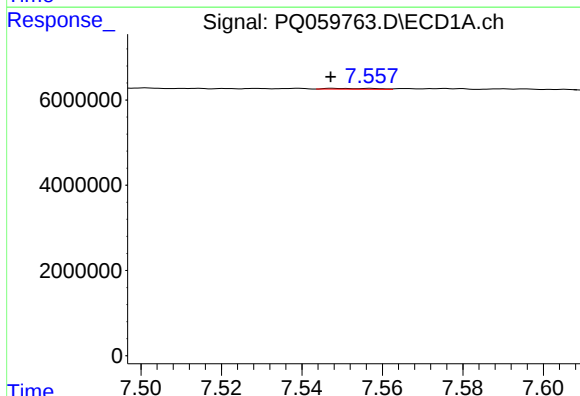
R.T.: 0.000 min
Exp R.T.: 7.273 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



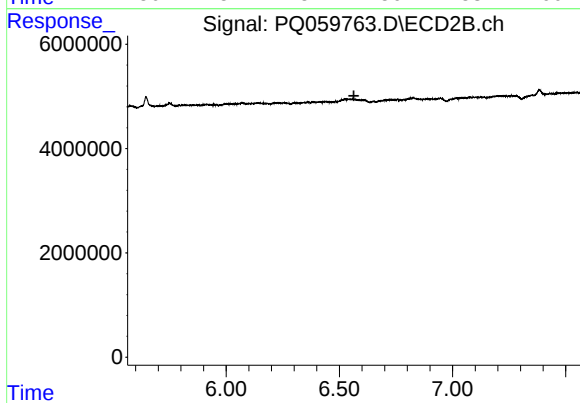
#37 AR-1262-2

R.T.: 6.261 min
Delta R.T.: -0.025 min
Response: 405981
Conc: 0.36 ng/ml



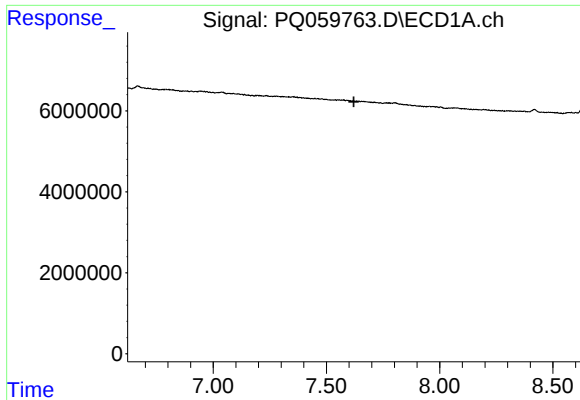
#38 AR-1262-3

R.T.: 7.548 min
Delta R.T.: 0.001 min
Response: 163572
Conc: 0.30 ng/ml



#38 AR-1262-3

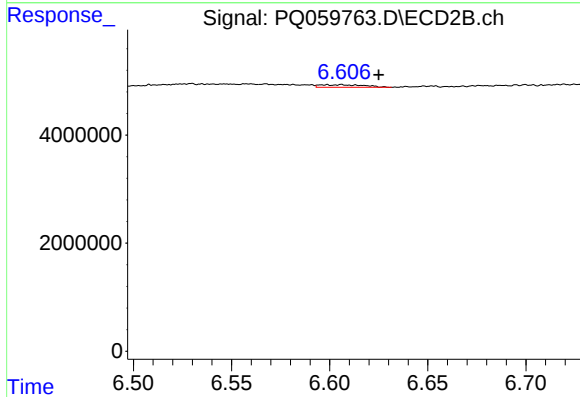
R.T.: 0.000 min
Exp R.T.: 6.564 min
Response: 0
Conc: N.D.



#39 AR-1262-4

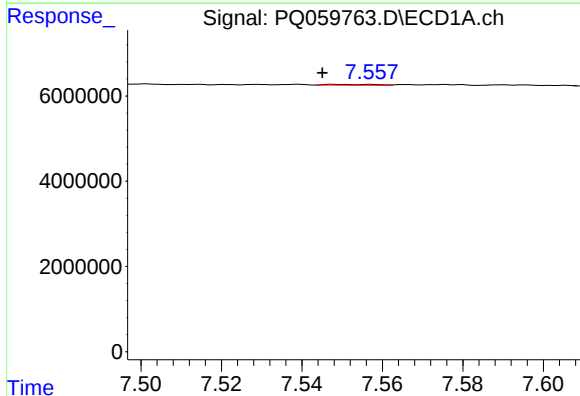
R.T.: 0.000 min
Exp R.T.: 7.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



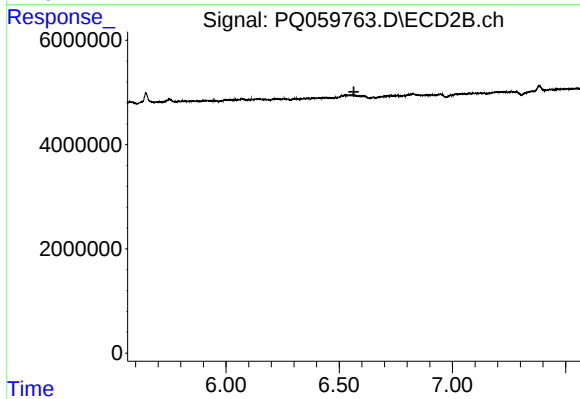
#39 AR-1262-4

R.T.: 6.598 min
Delta R.T.: -0.027 min
Response: 736773
Conc: 0.88 ng/ml



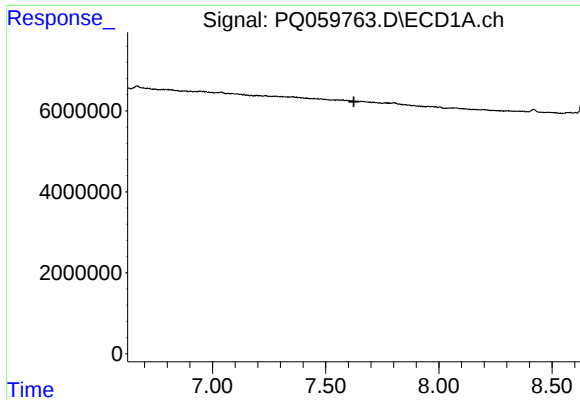
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: 0.003 min
Response: 163572
Conc: 0.17 ng/ml



#41 AR-1268-1

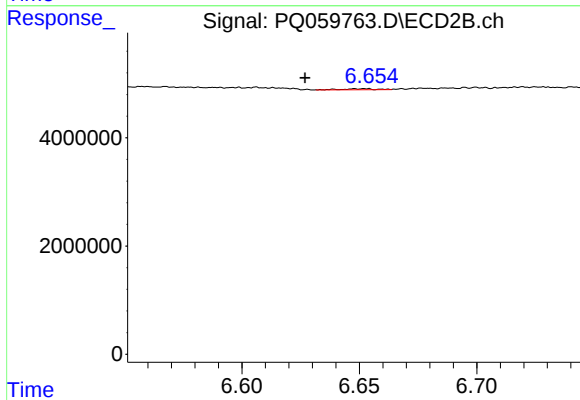
R.T.: 0.000 min
Exp R.T.: 6.565 min
Response: 0
Conc: N.D.



#42 AR-1268-2

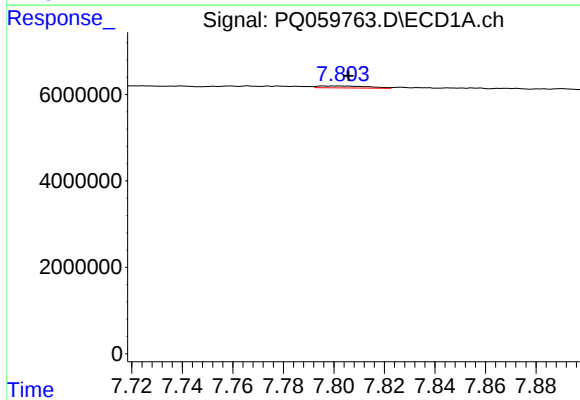
R.T.: 0.000 min
Exp R.T.: 7.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



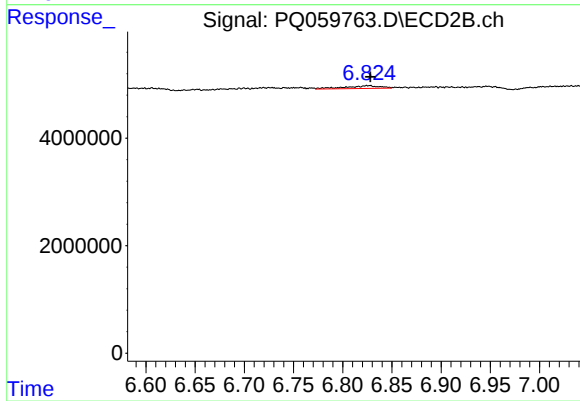
#42 AR-1268-2

R.T.: 6.652 min
Delta R.T.: 0.026 min
Response: 187326
Conc: 0.15 ng/ml



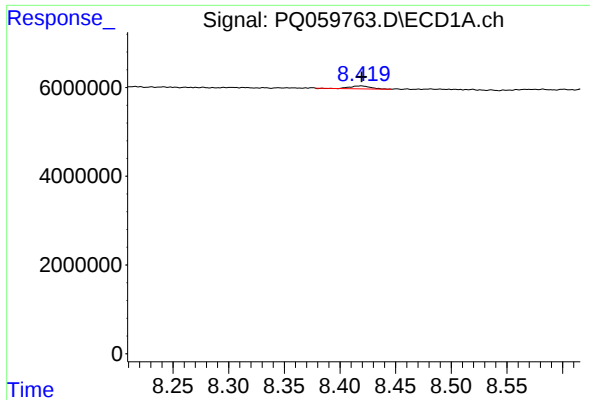
#43 AR-1268-3

R.T.: 7.803 min
Delta R.T.: -0.003 min
Response: 592830
Conc: 0.86 ng/ml



#43 AR-1268-3

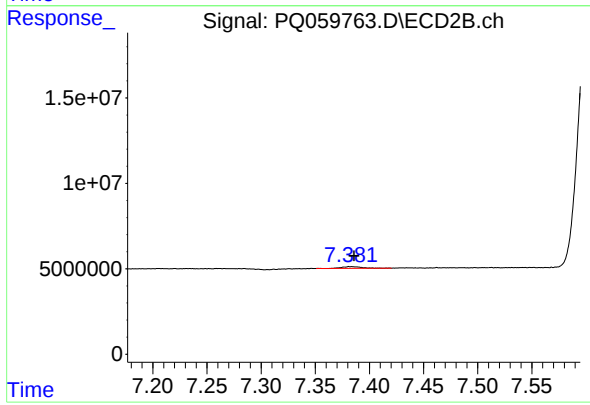
R.T.: 6.827 min
Delta R.T.: -0.001 min
Response: 1245708
Conc: 1.19 ng/ml



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 809789
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.383 min
Delta R.T.: -0.003 min
Response: 1267154
Conc: 0.37 ng/ml