

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110722\
 Data File : PQ059969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2022 22:50
 Operator : YP\AJ
 Sample : N5431-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 01:27:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 01 17:05:38 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...	3.458	2.807	152.1E6	124.5E6	12.604	15.691
2)	SA Decachlor...	8.633	7.571	53565688	65646446	7.341	9.025
Target Compounds							
3)	L1 AR-1016-1	4.561	3.809	258038	351423	0.594	1.326 #
4)	L1 AR-1016-2	4.575	3.817	421462	182080	0.671	0.462 #
5)	L1 AR-1016-3	4.644	0.000	1390352	0	3.591	N.D. #
6)	L1 AR-1016-4	4.726	4.019f	737345	1947751	2.290	12.237 #
7)	L1 AR-1016-5	4.992f	4.236	53060	1813357	0.173	8.801 #
8)	L2 AR-1221-1	3.671	3.026f	11435797	572674	78.467	6.249 #
9)	L2 AR-1221-2	3.736	3.078	5404137	1493825	49.180	21.893 #
10)	L2 AR-1221-3	3.820	3.150	6148422	2941530	18.986	13.822 #
11)	L3 AR-1232-1	3.820f	3.150	6148422	2941530	24.980	18.139 #
12)	L3 AR-1232-2	4.285	3.817	4427035	182080	29.157	1.057 #
13)	L3 AR-1232-3	4.575	0.000	421462	0	1.554	N.D. #
14)	L3 AR-1232-4	4.726	4.059	737345	1960364	5.213	26.645 #
15)	L3 AR-1232-5	4.831	4.236	4649849	1813357	46.899	20.553 #
16)	L4 AR-1242-1	4.561	3.809	258038	351423	0.767	1.707 #
17)	L4 AR-1242-2	4.575	3.817	421462	182080	0.861	0.592 #
18)	L4 AR-1242-3	4.644	0.000	1390352	0	4.630	N.D. #
19)	L4 AR-1242-4	4.726	4.059	737345	1960364	2.926	13.368 #
20)	L4 AR-1242-5	5.443	4.571	9412206	2389177	35.374	11.651 #
21)	L5 AR-1248-1	4.561	3.809	258038	351423	1.012	2.216 #
22)	L5 AR-1248-2	4.831	4.019f	4649849	1947751	14.227	9.033 #
23)	L5 AR-1248-3	4.992f	4.059	53060	1960364	0.135	9.315 #
24)	L5 AR-1248-4	5.378f	4.236	5214262	1813357	11.778	6.814 #
25)	L5 AR-1248-5	5.443	4.605	9412206	6260950	21.570	23.868
26)	L6 AR-1254-1	5.378	4.571	5214262	2389177	11.535	5.873 #
27)	L6 AR-1254-2	5.594	4.719	936002	1670102	1.348	4.643 #
28)	L6 AR-1254-3	5.930	5.095	2888615	5818212	3.962	10.138 #
29)	L6 AR-1254-4	6.213	5.323	3040303	1395748	5.653	3.827 #
30)	L6 AR-1254-5	6.639	5.723	5708342	788454	9.612	1.472 #
31)	L7 AR-1260-1	6.105	5.228	329108	1317902	0.588	3.327 #
32)	L7 AR-1260-2	6.357	5.407	5186398	645119	7.746	1.339 #
33)	L7 AR-1260-3	6.707	5.559	11629790	1213360	27.314	2.617 #
34)	L7 AR-1260-4	6.953	5.994f	27765794	12174095	55.485	35.595 #
35)	L7 AR-1260-5	7.257	6.240f	5123578	22112172	5.241	26.603 #
36)	L8 AR-1262-1	6.707	5.791f	11629790	178035	17.522	0.348 #
37)	L8 AR-1262-2	7.257	6.240f	5123578	22112172	4.606	23.324 #
38)	L8 AR-1262-3	7.512	6.544	2663503	4302771	3.708	11.625 #
39)	L8 AR-1262-4	7.611f	6.580f	2242369	1364536	4.037	1.927 #
40)	L8 AR-1262-5	8.112f	7.085	1337216	1747253	3.859	5.247 #
41)	L9 AR-1268-1	7.512	6.544	2663503	4302771	2.123	3.889 #

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 Acq On : 07 Nov 2022 22:50
 Operator : YP\AJ
 Sample : N5431-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

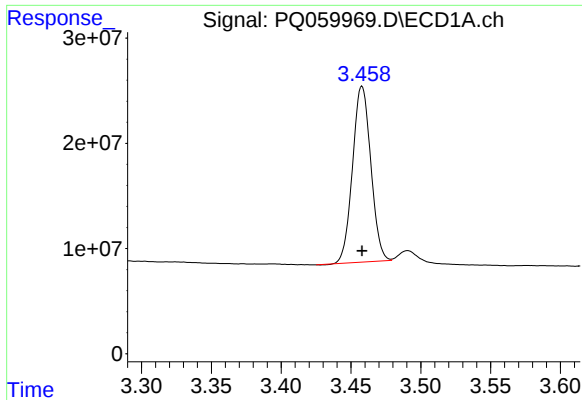
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 01:27:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.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	7.611f	6.580f	2242369	1364536	1.952	1.334 #
43) L9	AR-1268-3	7.779	6.800	858707	1784297	0.927	2.044 #
44) L9	AR-1268-4	8.112f	7.085	1337216	1747253	3.439	4.638 #
45) L9	AR-1268-5	8.401f	7.354	763160	3713470	0.289	1.333 #

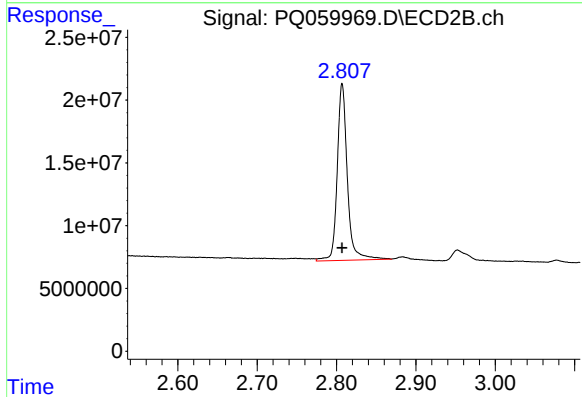
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

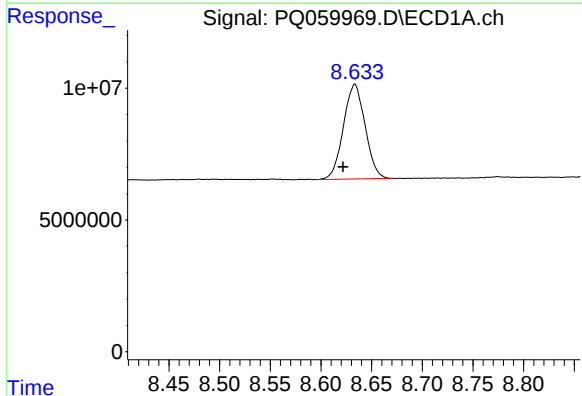
R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 152081701
Conc: 12.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



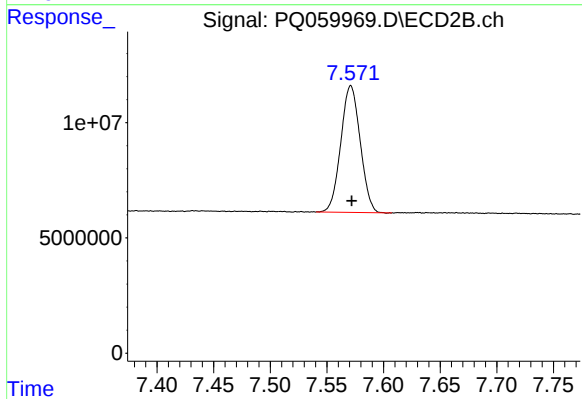
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.000 min
Response: 124495147
Conc: 15.69 ng/ml



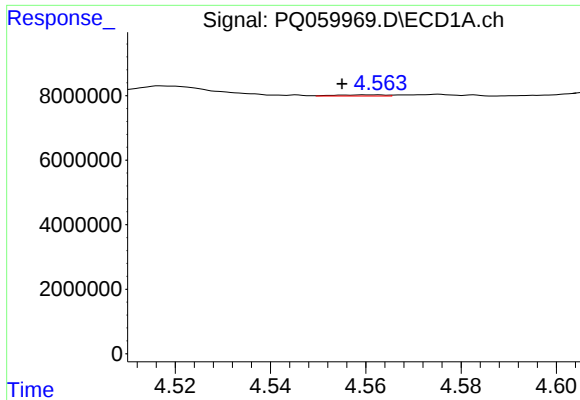
#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: 0.011 min
Response: 53565688
Conc: 7.34 ng/ml



#2 Decachlorobiphenyl

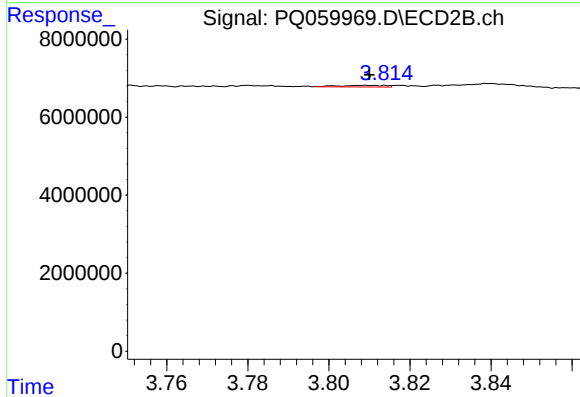
R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 65646446
Conc: 9.02 ng/ml



#3 AR-1016-1

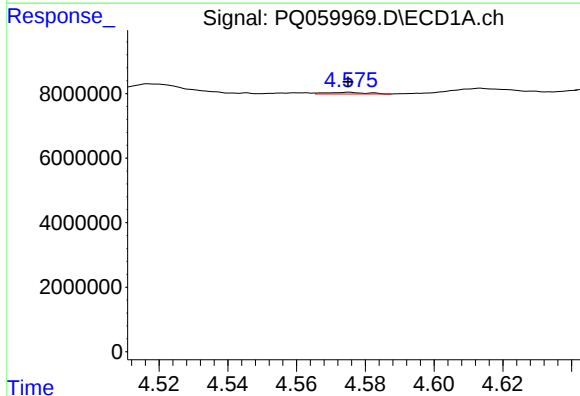
R.T.: 4.561 min
Delta R.T.: 0.006 min
Response: 258038
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



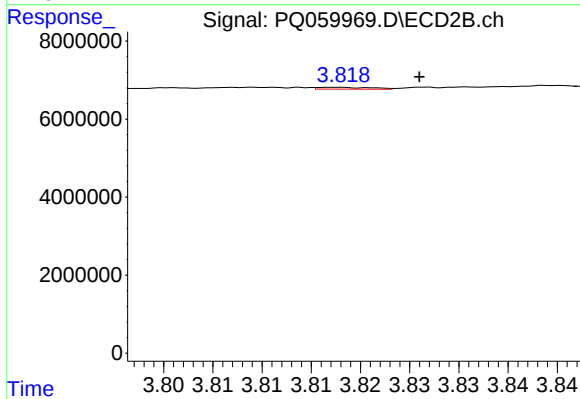
#3 AR-1016-1

R.T.: 3.809 min
Delta R.T.: 0.000 min
Response: 351423
Conc: 1.33 ng/ml



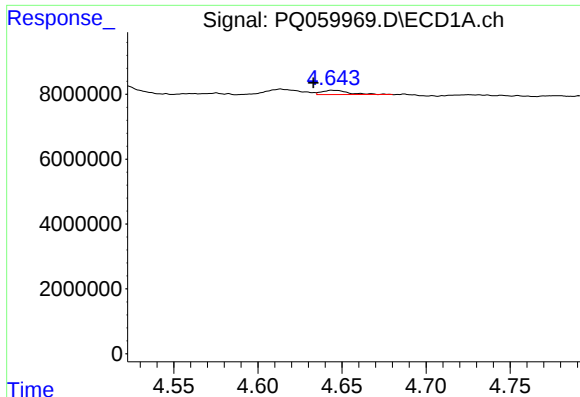
#4 AR-1016-2

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 421462
Conc: 0.67 ng/ml



#4 AR-1016-2

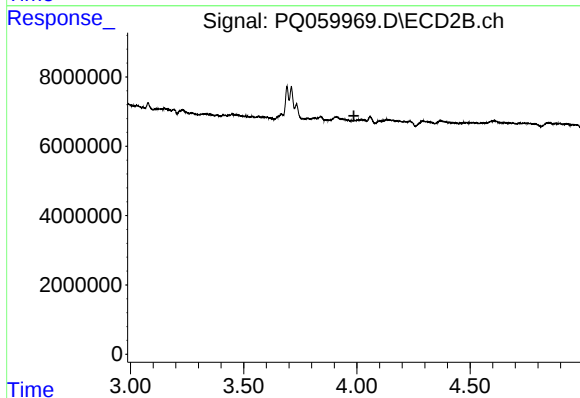
R.T.: 3.817 min
Delta R.T.: -0.009 min
Response: 182080
Conc: 0.46 ng/ml



#5 AR-1016-3

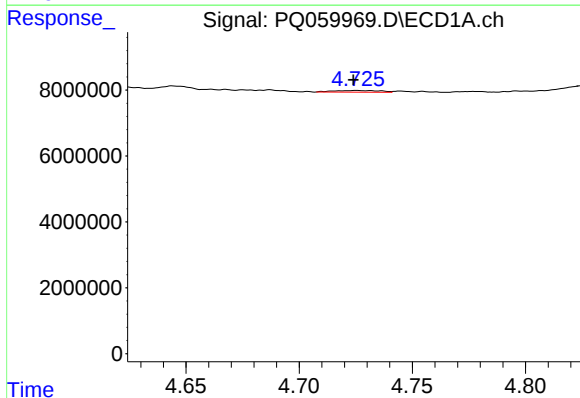
R.T.: 4.644 min
Delta R.T.: 0.011 min
Response: 1390352
Conc: 3.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



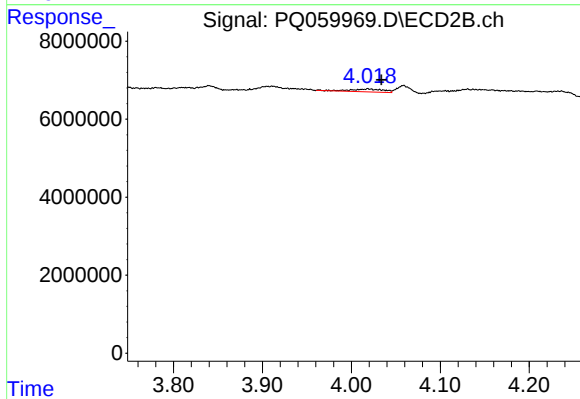
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 3.987 min
Response: 0
Conc: N.D.



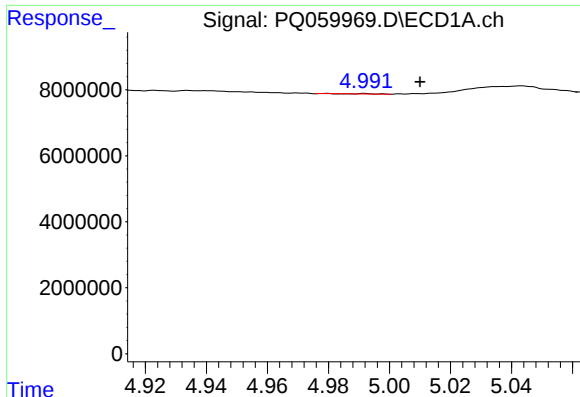
#6 AR-1016-4

R.T.: 4.726 min
Delta R.T.: 0.002 min
Response: 737345
Conc: 2.29 ng/ml



#6 AR-1016-4

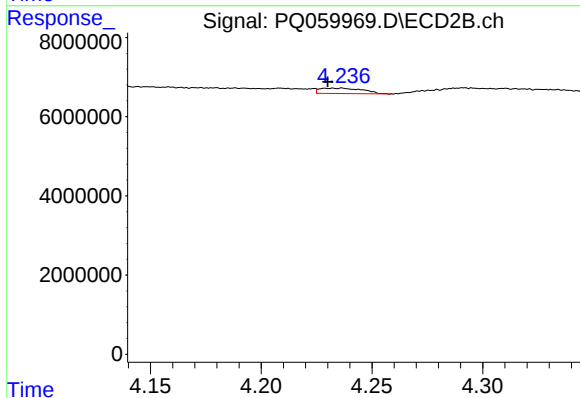
R.T.: 4.019 min
Delta R.T.: -0.015 min
Response: 1947751
Conc: 12.24 ng/ml



#7 AR-1016-5

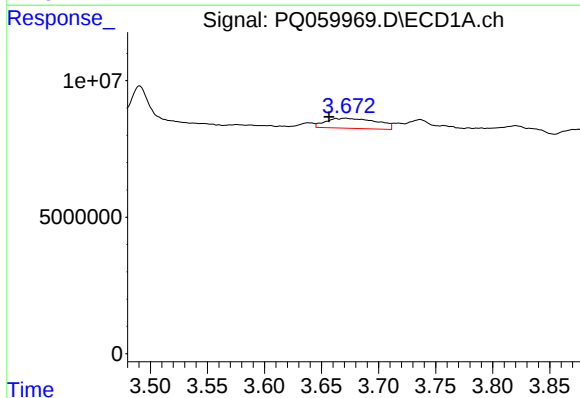
R.T.: 4.992 min
Delta R.T.: -0.018 min
Response: 53060
Conc: 0.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



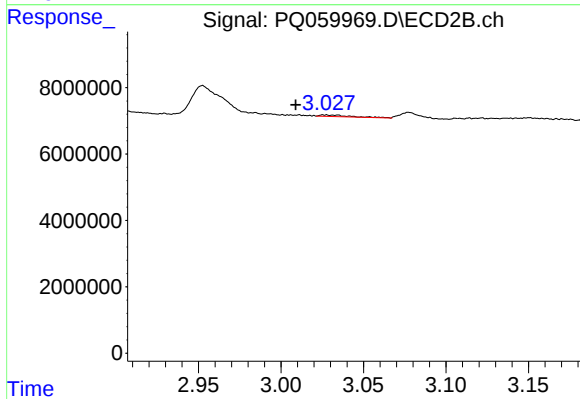
#7 AR-1016-5

R.T.: 4.236 min
Delta R.T.: 0.006 min
Response: 1813357
Conc: 8.80 ng/ml



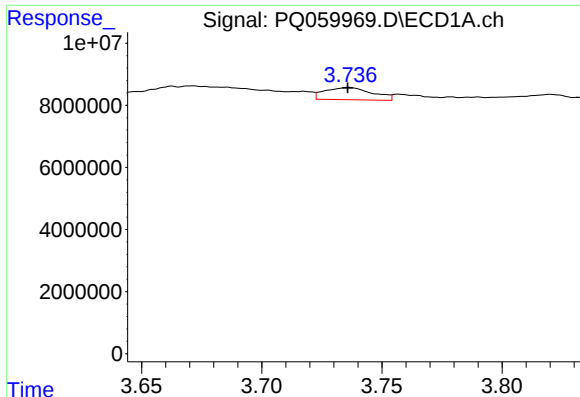
#8 AR-1221-1

R.T.: 3.671 min
Delta R.T.: 0.014 min
Response: 11435797
Conc: 78.47 ng/ml



#8 AR-1221-1

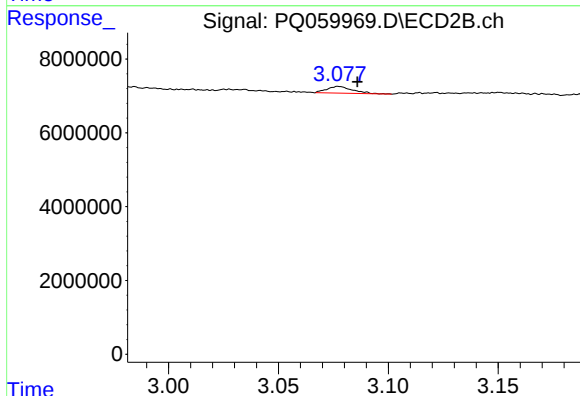
R.T.: 3.026 min
Delta R.T.: 0.017 min
Response: 572674
Conc: 6.25 ng/ml



#9 AR-1221-2

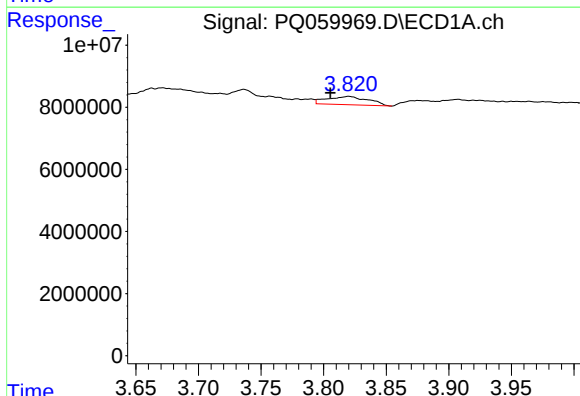
R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 5404137
Conc: 49.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



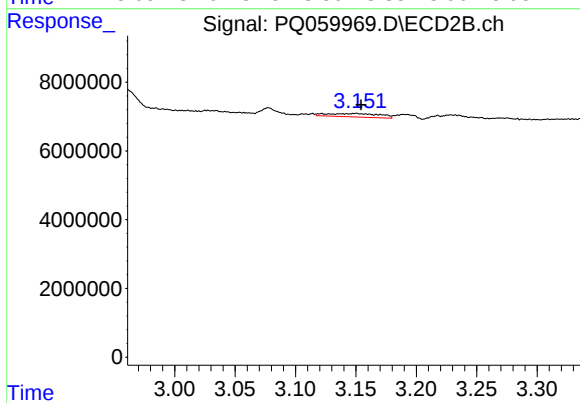
#9 AR-1221-2

R.T.: 3.078 min
Delta R.T.: -0.008 min
Response: 1493825
Conc: 21.89 ng/ml



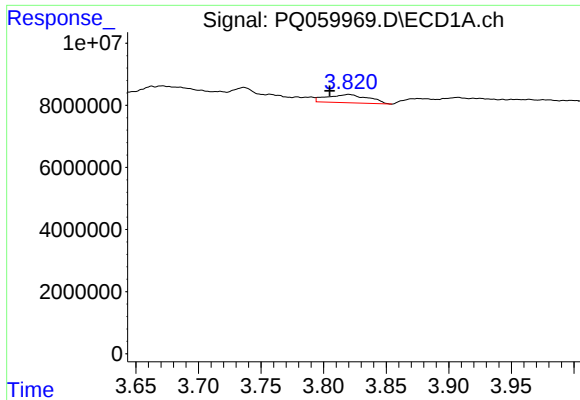
#10 AR-1221-3

R.T.: 3.820 min
Delta R.T.: 0.015 min
Response: 6148422
Conc: 18.99 ng/ml



#10 AR-1221-3

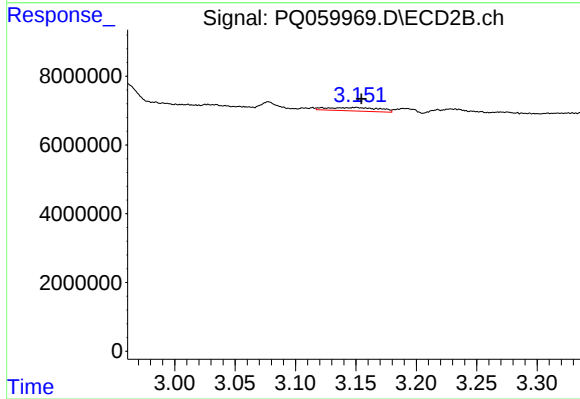
R.T.: 3.150 min
Delta R.T.: -0.004 min
Response: 2941530
Conc: 13.82 ng/ml



#11 AR-1232-1

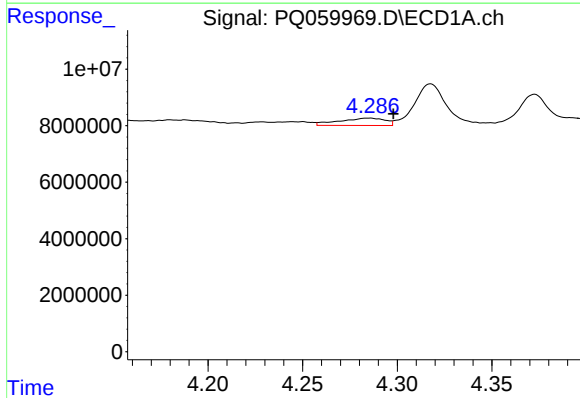
R.T.: 3.820 min
Delta R.T.: 0.015 min
Response: 6148422
Conc: 24.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



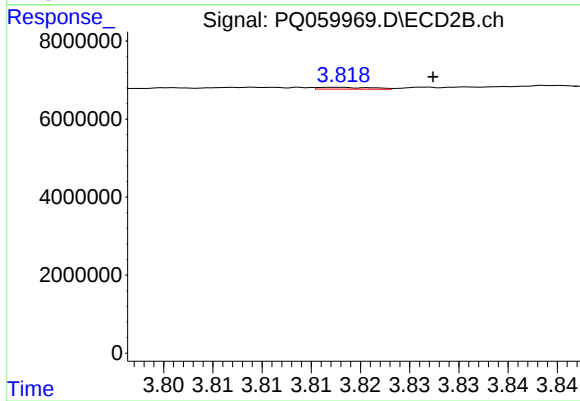
#11 AR-1232-1

R.T.: 3.150 min
Delta R.T.: -0.004 min
Response: 2941530
Conc: 18.14 ng/ml



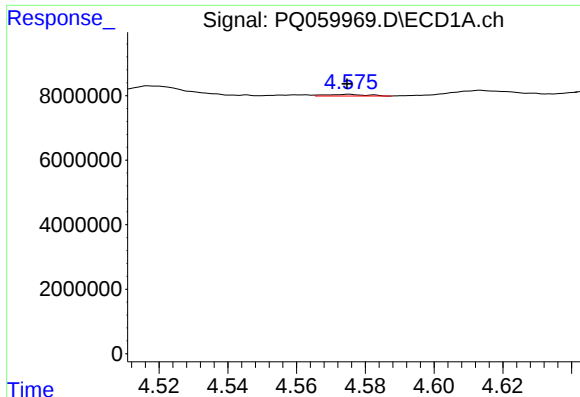
#12 AR-1232-2

R.T.: 4.285 min
Delta R.T.: -0.013 min
Response: 4427035
Conc: 29.16 ng/ml



#12 AR-1232-2

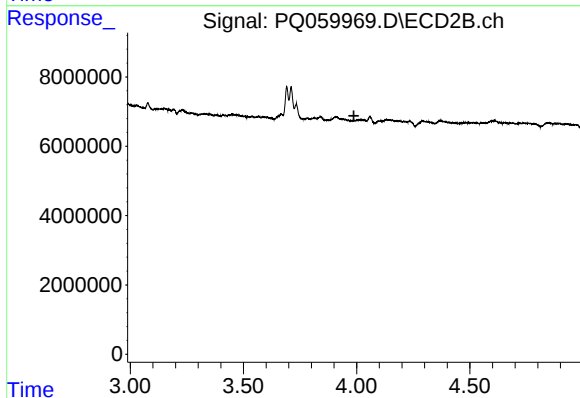
R.T.: 3.817 min
Delta R.T.: -0.010 min
Response: 182080
Conc: 1.06 ng/ml



#13 AR-1232-3

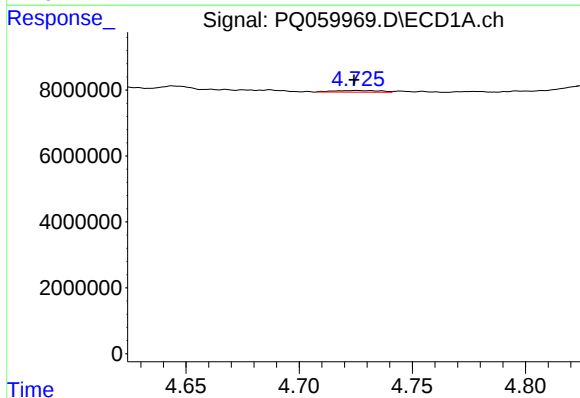
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 421462
Conc: 1.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



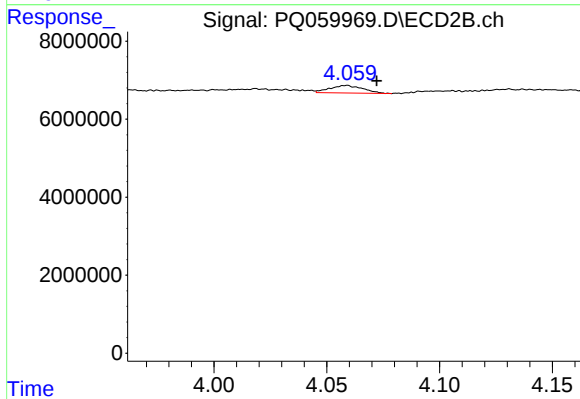
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 3.988 min
Response: 0
Conc: N.D.



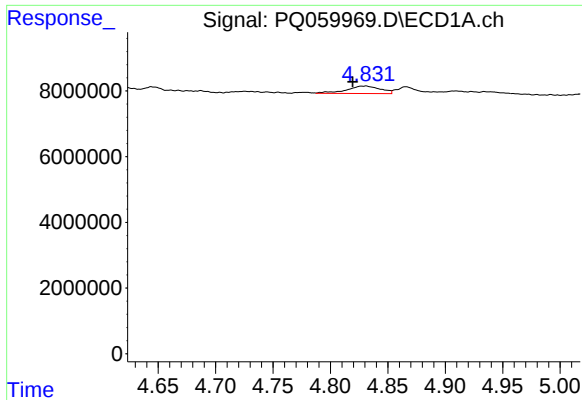
#14 AR-1232-4

R.T.: 4.726 min
Delta R.T.: 0.001 min
Response: 737345
Conc: 5.21 ng/ml



#14 AR-1232-4

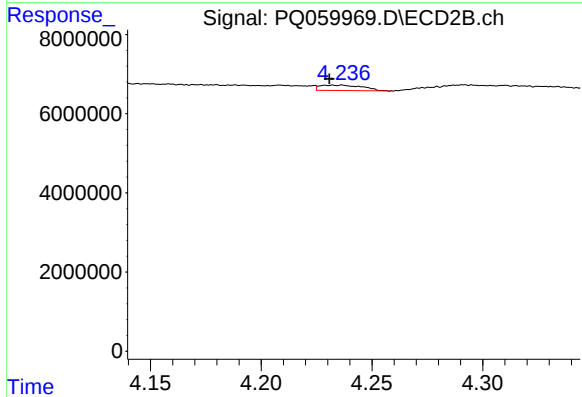
R.T.: 4.059 min
Delta R.T.: -0.014 min
Response: 1960364
Conc: 26.65 ng/ml



#15 AR-1232-5

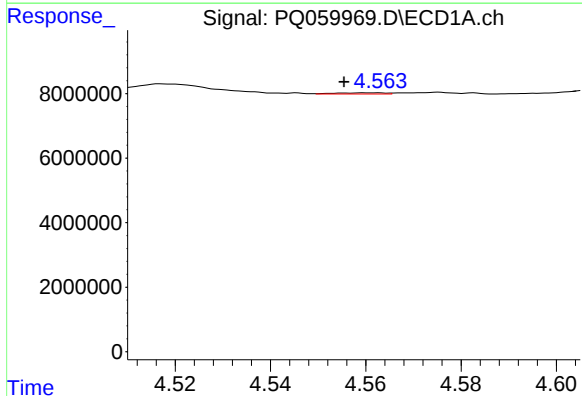
R.T.: 4.831 min
Delta R.T.: 0.011 min
Response: 4649849
Conc: 46.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



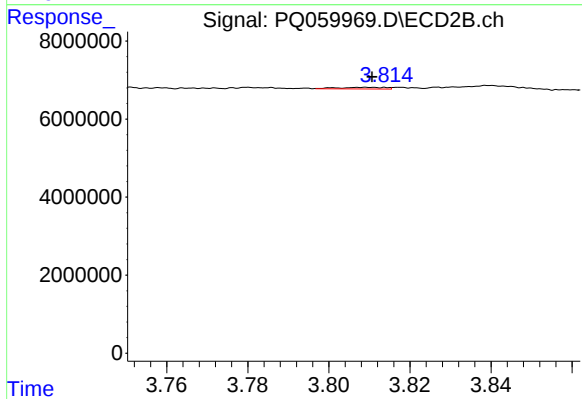
#15 AR-1232-5

R.T.: 4.236 min
Delta R.T.: 0.006 min
Response: 1813357
Conc: 20.55 ng/ml



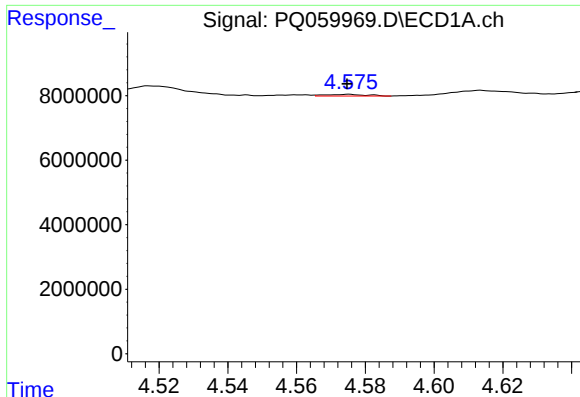
#16 AR-1242-1

R.T.: 4.561 min
Delta R.T.: 0.006 min
Response: 258038
Conc: 0.77 ng/ml



#16 AR-1242-1

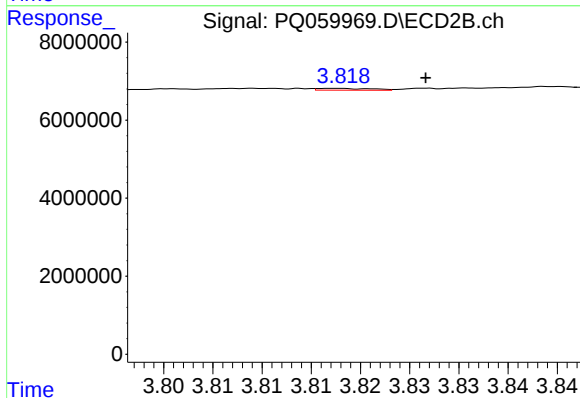
R.T.: 3.809 min
Delta R.T.: -0.001 min
Response: 351423
Conc: 1.71 ng/ml



#17 AR-1242-2

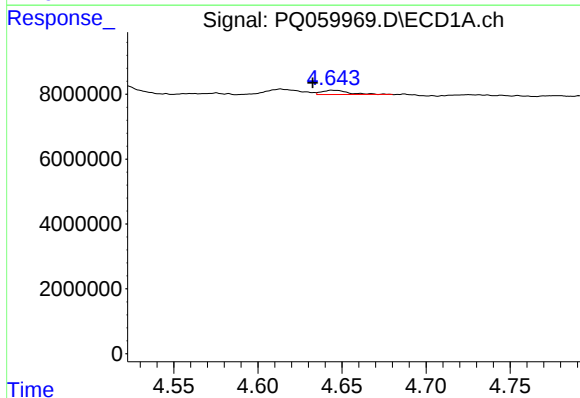
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 421462
Conc: 0.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



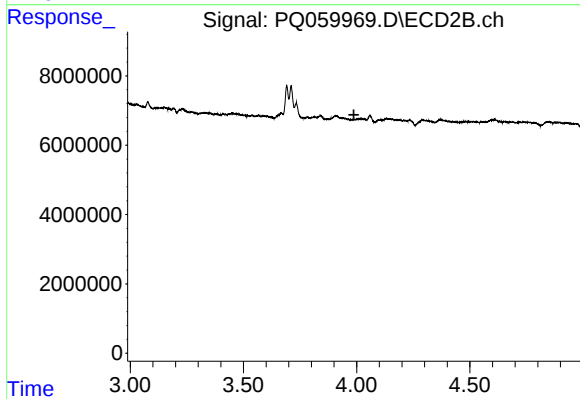
#17 AR-1242-2

R.T.: 3.817 min
Delta R.T.: -0.010 min
Response: 182080
Conc: 0.59 ng/ml



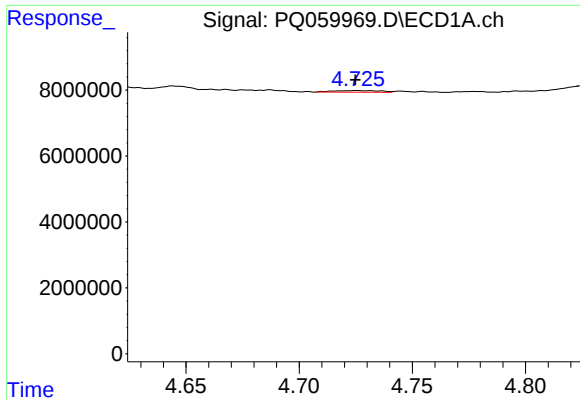
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: 0.012 min
Response: 1390352
Conc: 4.63 ng/ml



#18 AR-1242-3

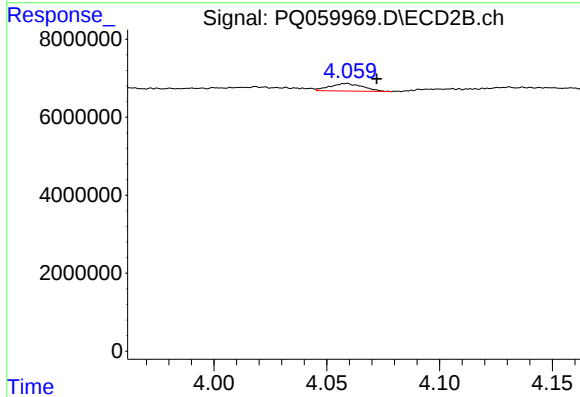
R.T.: 0.000 min
Exp R.T. : 3.988 min
Response: 0
Conc: N.D.



#19 AR-1242-4

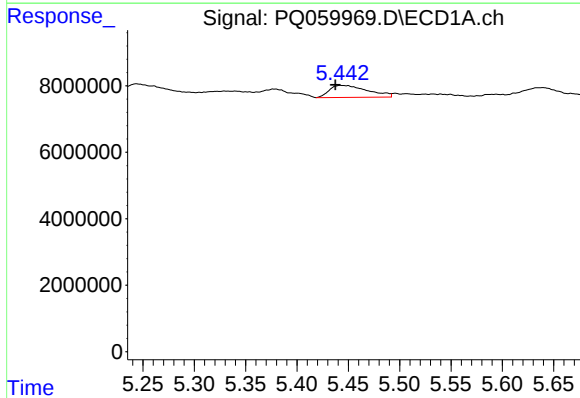
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 737345
Conc: 2.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



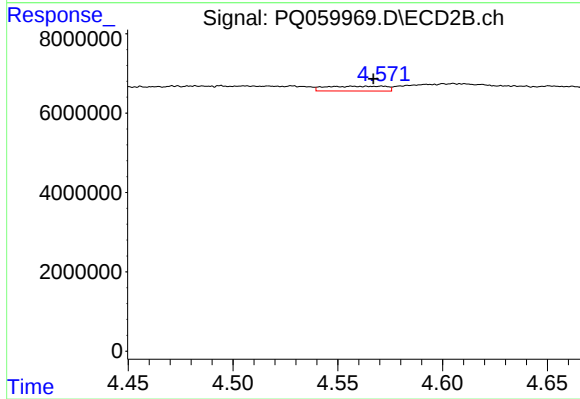
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.014 min
Response: 1960364
Conc: 13.37 ng/ml



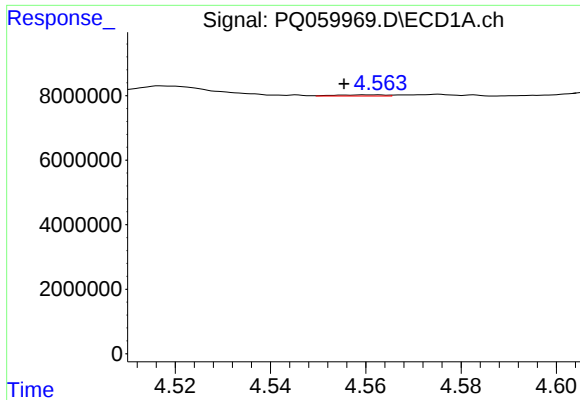
#20 AR-1242-5

R.T.: 5.443 min
Delta R.T.: 0.005 min
Response: 9412206
Conc: 35.37 ng/ml



#20 AR-1242-5

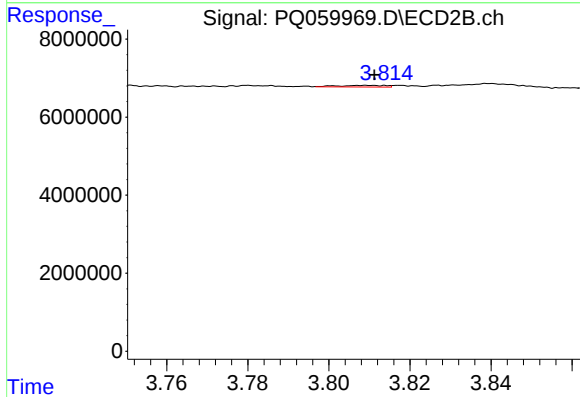
R.T.: 4.571 min
Delta R.T.: 0.004 min
Response: 2389177
Conc: 11.65 ng/ml



#21 AR-1248-1

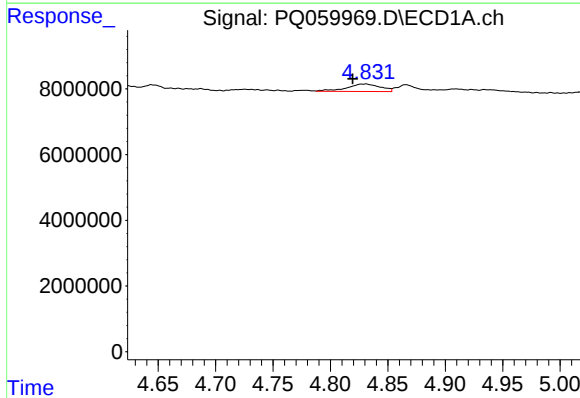
R.T.: 4.561 min
Delta R.T.: 0.006 min
Response: 258038
Conc: 1.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



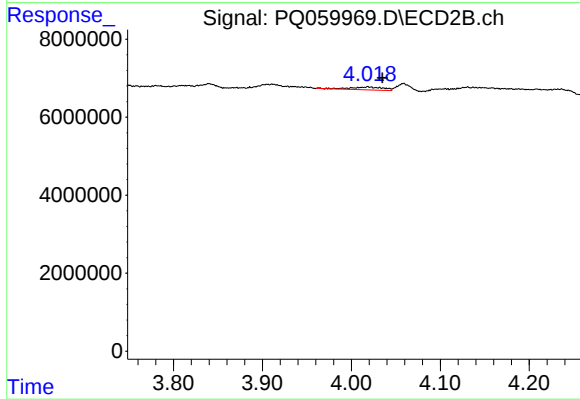
#21 AR-1248-1

R.T.: 3.809 min
Delta R.T.: -0.002 min
Response: 351423
Conc: 2.22 ng/ml



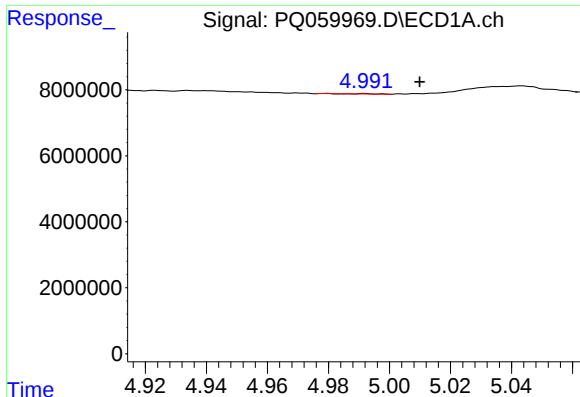
#22 AR-1248-2

R.T.: 4.831 min
Delta R.T.: 0.011 min
Response: 4649849
Conc: 14.23 ng/ml



#22 AR-1248-2

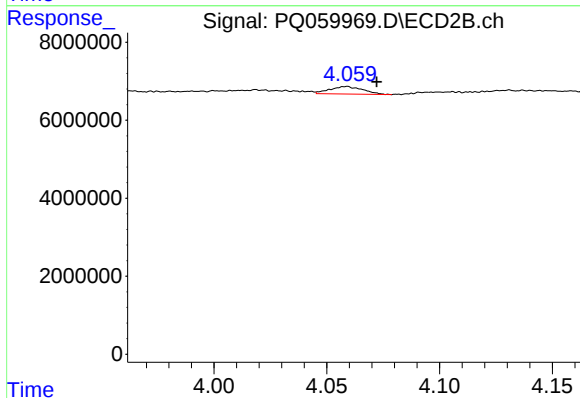
R.T.: 4.019 min
Delta R.T.: -0.016 min
Response: 1947751
Conc: 9.03 ng/ml



#23 AR-1248-3

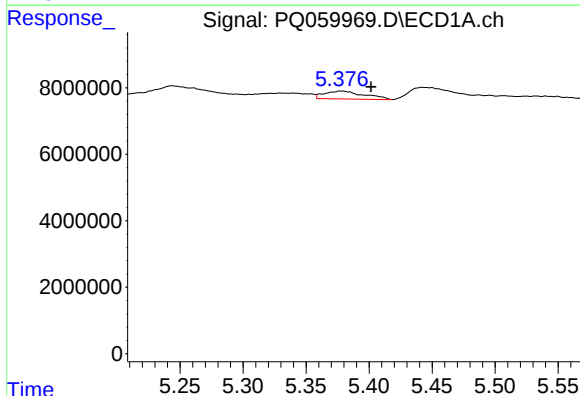
R.T.: 4.992 min
Delta R.T.: -0.018 min
Response: 53060
Conc: 0.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



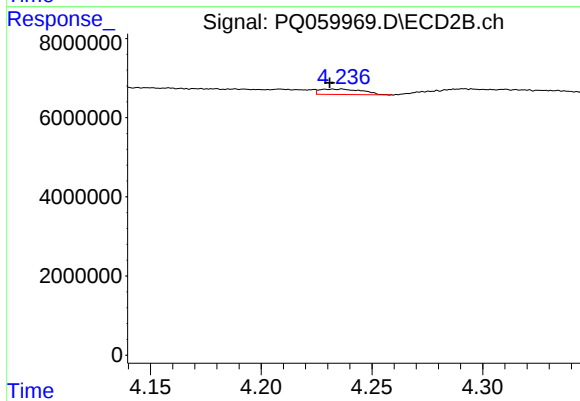
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.014 min
Response: 1960364
Conc: 9.32 ng/ml



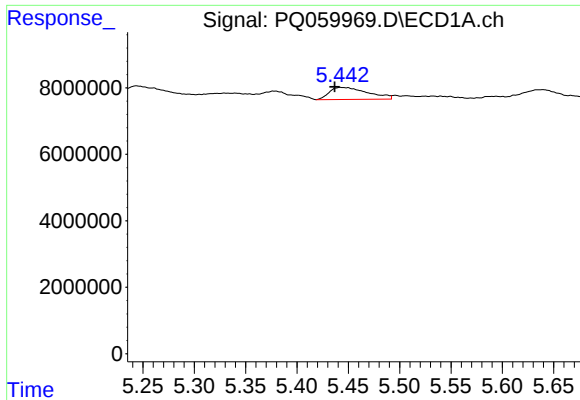
#24 AR-1248-4

R.T.: 5.378 min
Delta R.T.: -0.024 min
Response: 5214262
Conc: 11.78 ng/ml



#24 AR-1248-4

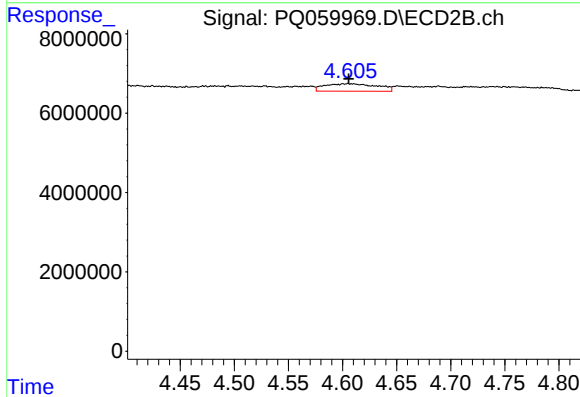
R.T.: 4.236 min
Delta R.T.: 0.006 min
Response: 1813357
Conc: 6.81 ng/ml



#25 AR-1248-5

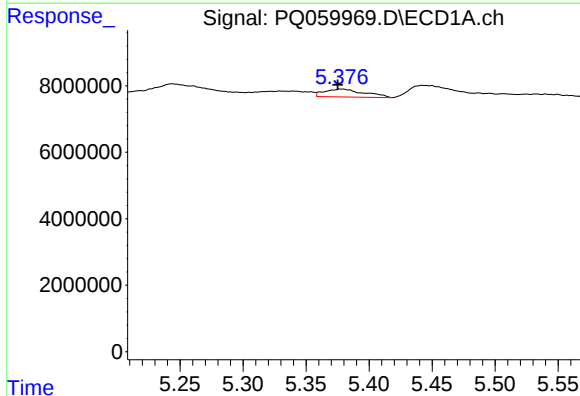
R.T.: 5.443 min
Delta R.T.: 0.006 min
Response: 9412206
Conc: 21.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



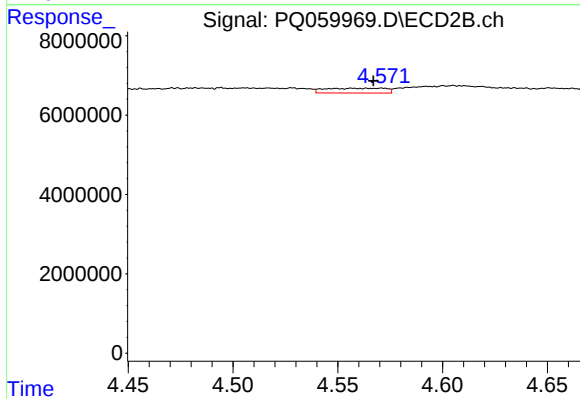
#25 AR-1248-5

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 6260950
Conc: 23.87 ng/ml



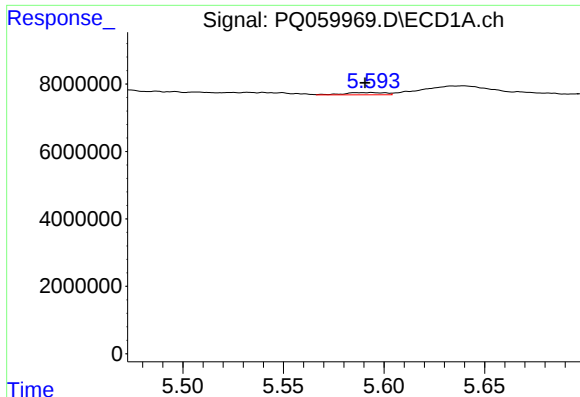
#26 AR-1254-1

R.T.: 5.378 min
Delta R.T.: 0.003 min
Response: 5214262
Conc: 11.54 ng/ml



#26 AR-1254-1

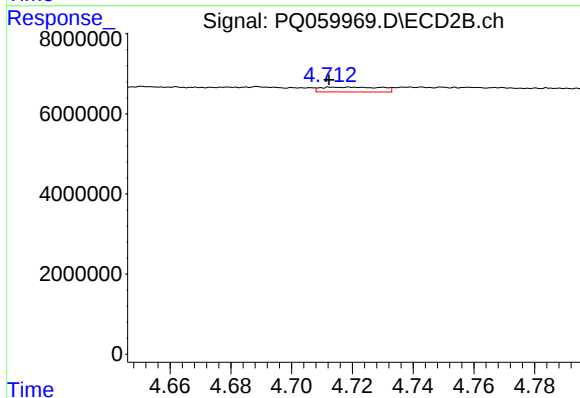
R.T.: 4.571 min
Delta R.T.: 0.004 min
Response: 2389177
Conc: 5.87 ng/ml



#27 AR-1254-2

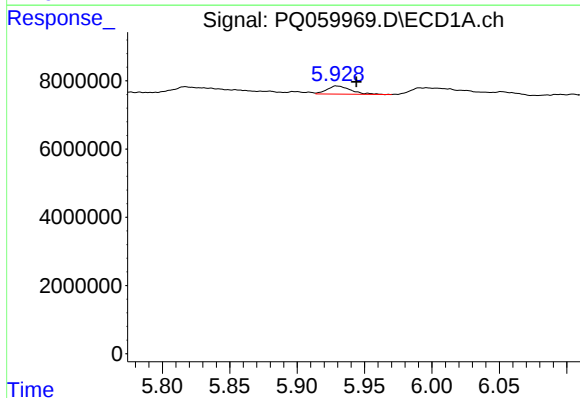
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 936002
Conc: 1.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



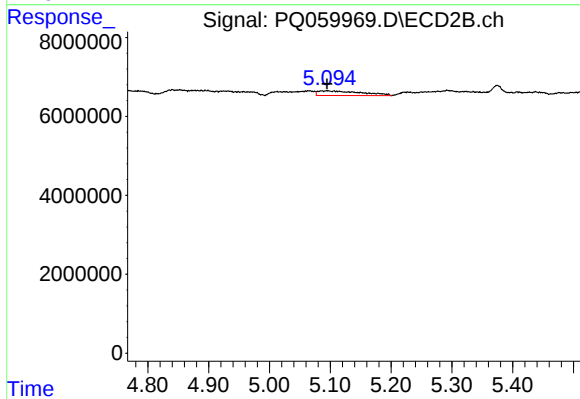
#27 AR-1254-2

R.T.: 4.719 min
Delta R.T.: 0.007 min
Response: 1670102
Conc: 4.64 ng/ml



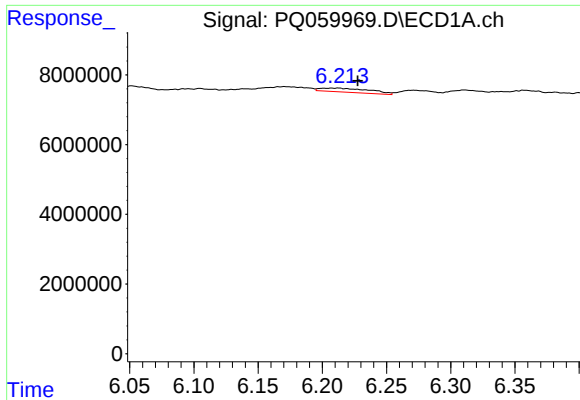
#28 AR-1254-3

R.T.: 5.930 min
Delta R.T.: -0.014 min
Response: 2888615
Conc: 3.96 ng/ml



#28 AR-1254-3

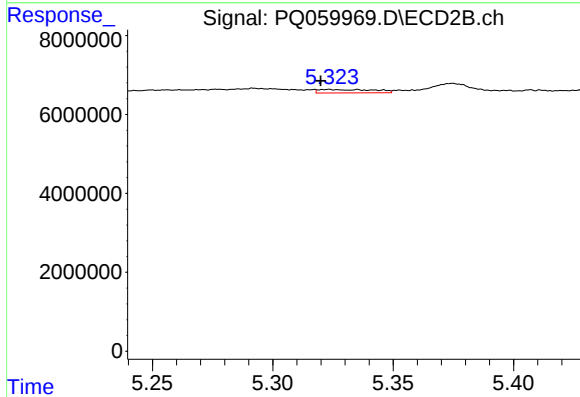
R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 5818212
Conc: 10.14 ng/ml



#29 AR-1254-4

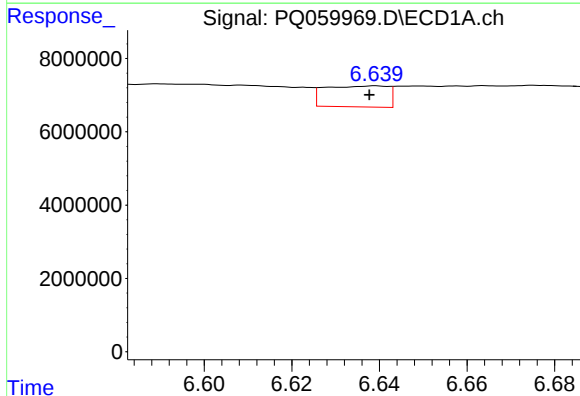
R.T.: 6.213 min
Delta R.T.: -0.015 min
Response: 3040303
Conc: 5.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



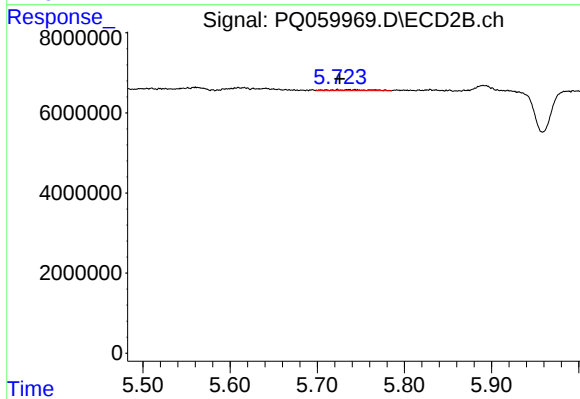
#29 AR-1254-4

R.T.: 5.323 min
Delta R.T.: 0.003 min
Response: 1395748
Conc: 3.83 ng/ml



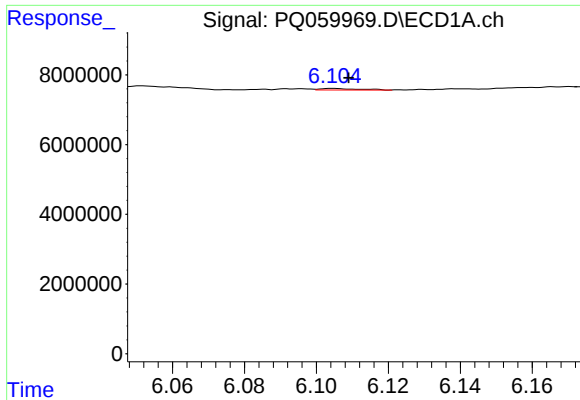
#30 AR-1254-5

R.T.: 6.639 min
Delta R.T.: 0.001 min
Response: 5708342
Conc: 9.61 ng/ml



#30 AR-1254-5

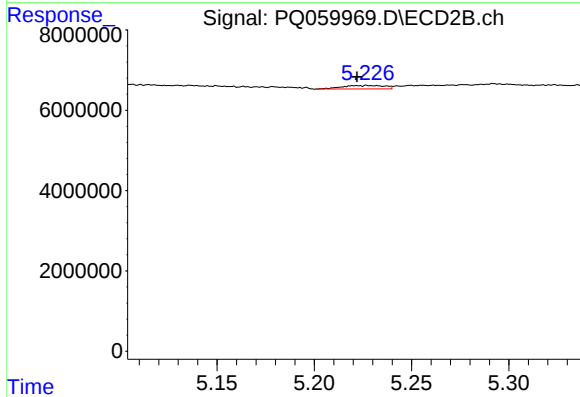
R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 788454
Conc: 1.47 ng/ml



#31 AR-1260-1

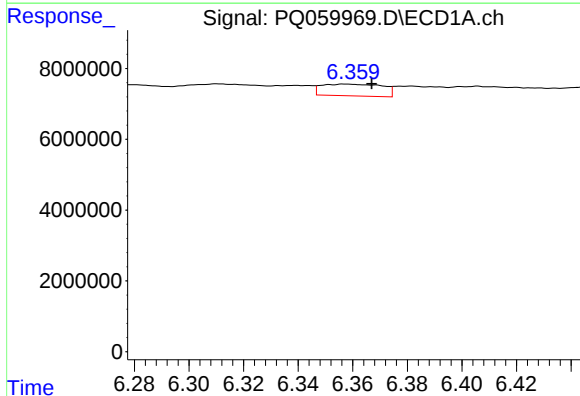
R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 329108
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



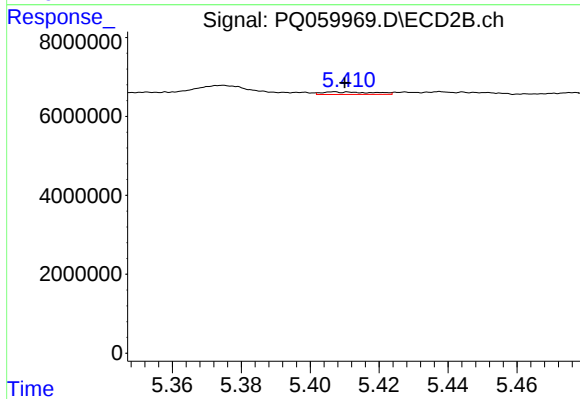
#31 AR-1260-1

R.T.: 5.228 min
Delta R.T.: 0.005 min
Response: 1317902
Conc: 3.33 ng/ml



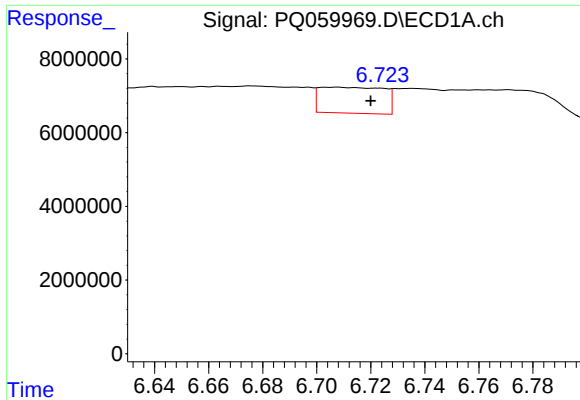
#32 AR-1260-2

R.T.: 6.357 min
Delta R.T.: -0.010 min
Response: 5186398
Conc: 7.75 ng/ml



#32 AR-1260-2

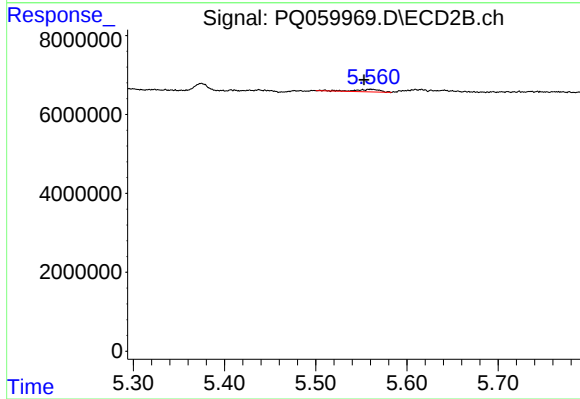
R.T.: 5.407 min
Delta R.T.: -0.003 min
Response: 645119
Conc: 1.34 ng/ml



#33 AR-1260-3

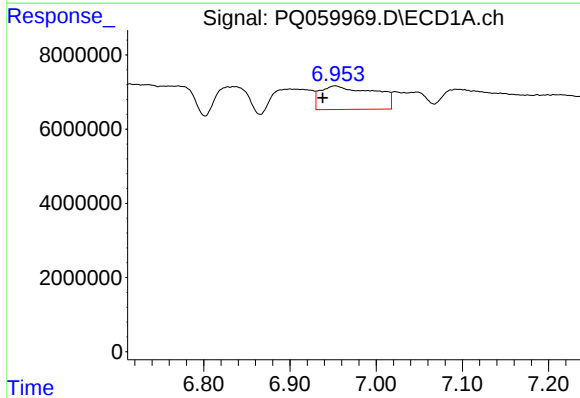
R.T.: 6.707 min
Delta R.T.: -0.013 min
Response: 11629790
Conc: 27.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



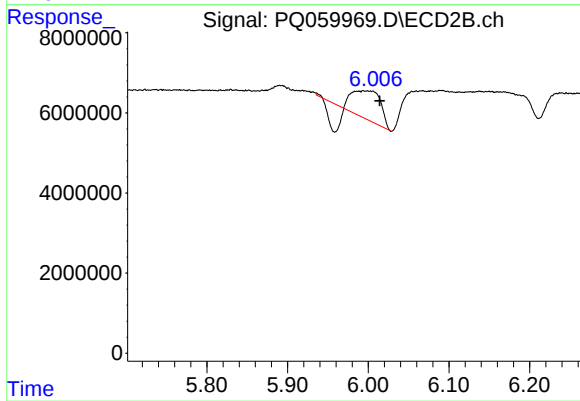
#33 AR-1260-3

R.T.: 5.559 min
Delta R.T.: 0.006 min
Response: 1213360
Conc: 2.62 ng/ml



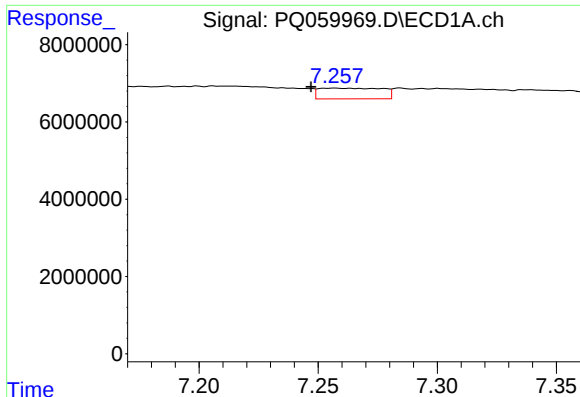
#34 AR-1260-4

R.T.: 6.953 min
Delta R.T.: 0.015 min
Response: 27765794
Conc: 55.49 ng/ml



#34 AR-1260-4

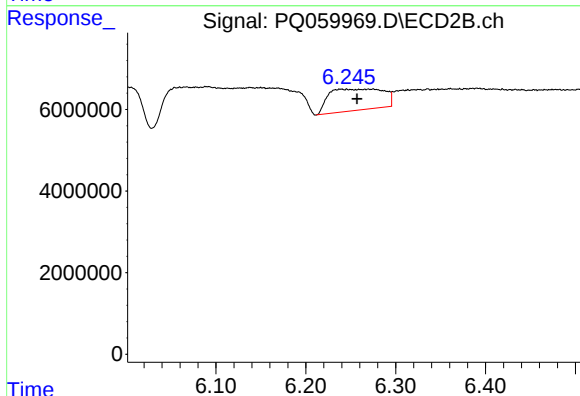
R.T.: 5.994 min
Delta R.T.: -0.020 min
Response: 12174095
Conc: 35.59 ng/ml



#35 AR-1260-5

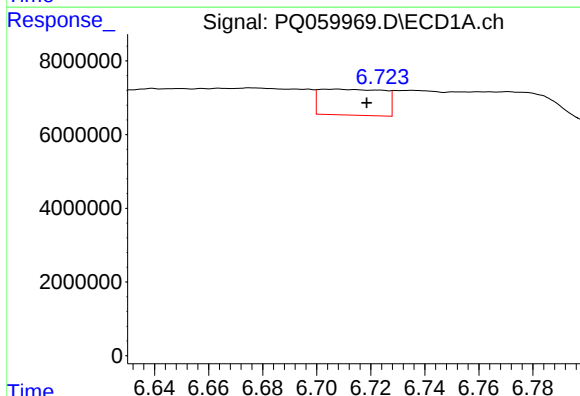
R.T.: 7.257 min
Delta R.T.: 0.010 min
Response: 5123578
Conc: 5.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



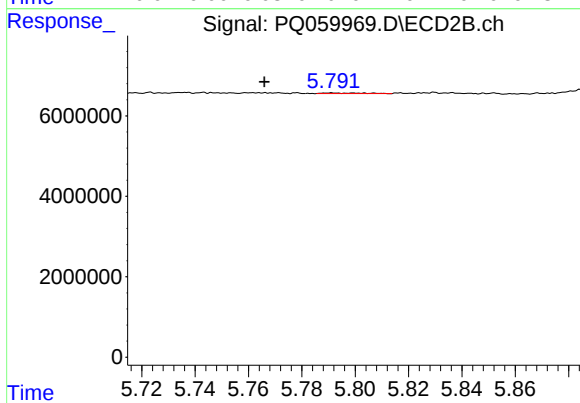
#35 AR-1260-5

R.T.: 6.240 min
Delta R.T.: -0.017 min
Response: 22112172
Conc: 26.60 ng/ml



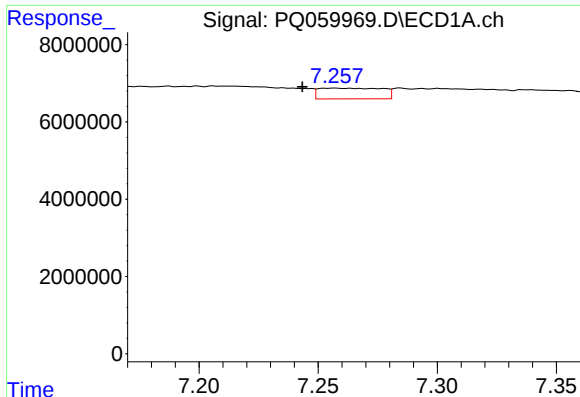
#36 AR-1262-1

R.T.: 6.707 min
Delta R.T.: -0.011 min
Response: 11629790
Conc: 17.52 ng/ml



#36 AR-1262-1

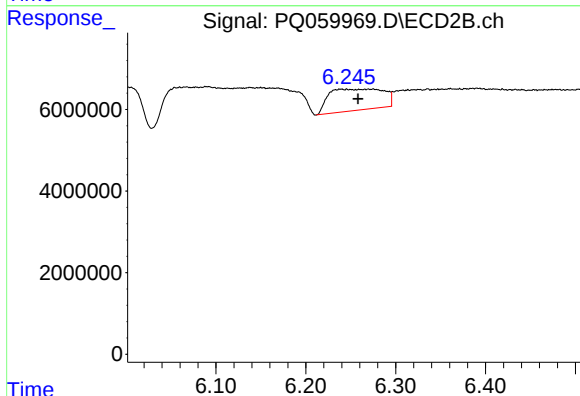
R.T.: 5.791 min
Delta R.T.: 0.025 min
Response: 178035
Conc: 0.35 ng/ml



#37 AR-1262-2

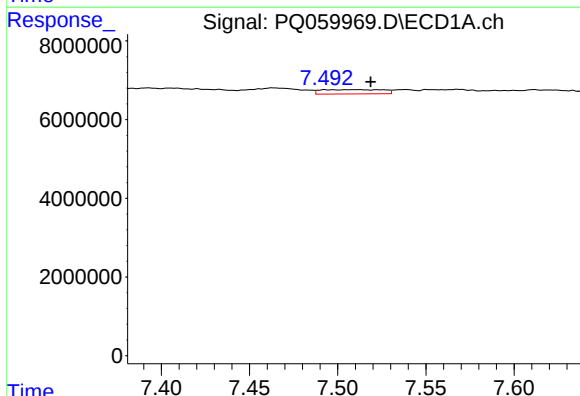
R.T.: 7.257 min
Delta R.T.: 0.013 min
Response: 5123578
Conc: 4.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



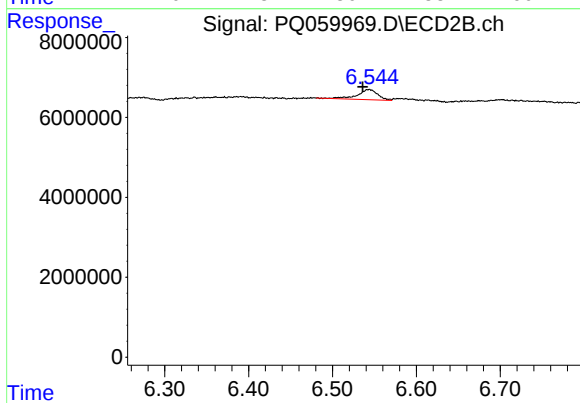
#37 AR-1262-2

R.T.: 6.240 min
Delta R.T.: -0.018 min
Response: 22112172
Conc: 23.32 ng/ml



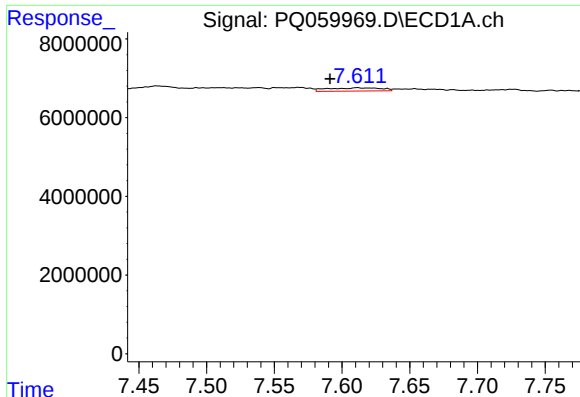
#38 AR-1262-3

R.T.: 7.512 min
Delta R.T.: -0.007 min
Response: 2663503
Conc: 3.71 ng/ml



#38 AR-1262-3

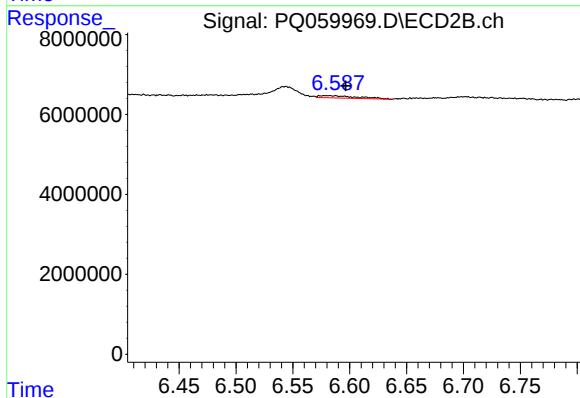
R.T.: 6.544 min
Delta R.T.: 0.008 min
Response: 4302771
Conc: 11.63 ng/ml



#39 AR-1262-4

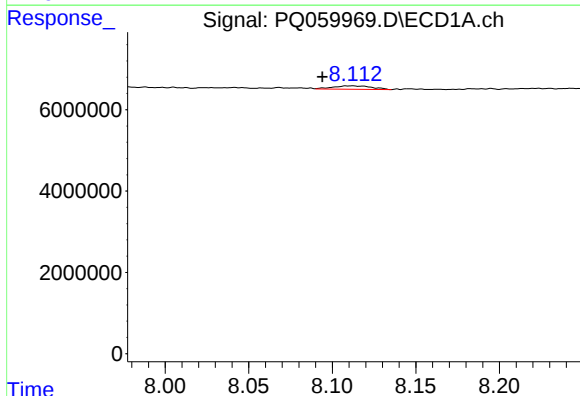
R.T.: 7.611 min
Delta R.T.: 0.020 min
Response: 2242369
Conc: 4.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



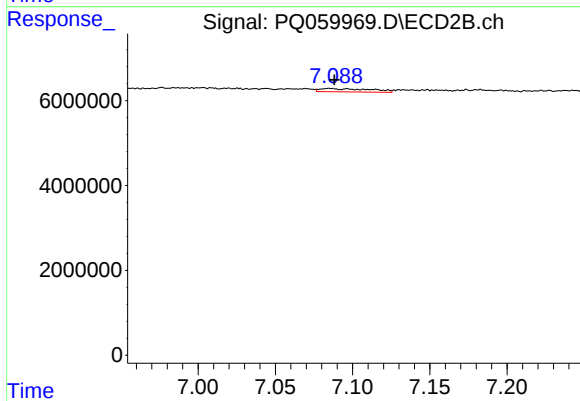
#39 AR-1262-4

R.T.: 6.580 min
Delta R.T.: -0.017 min
Response: 1364536
Conc: 1.93 ng/ml



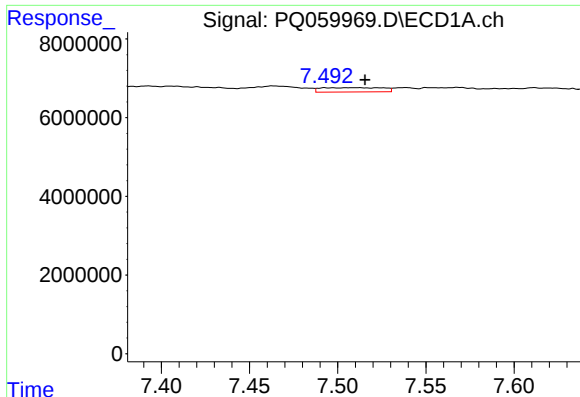
#40 AR-1262-5

R.T.: 8.112 min
Delta R.T.: 0.018 min
Response: 1337216
Conc: 3.86 ng/ml



#40 AR-1262-5

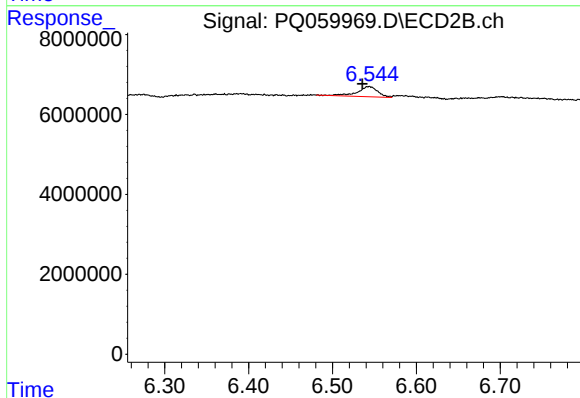
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 1747253
Conc: 5.25 ng/ml



#41 AR-1268-1

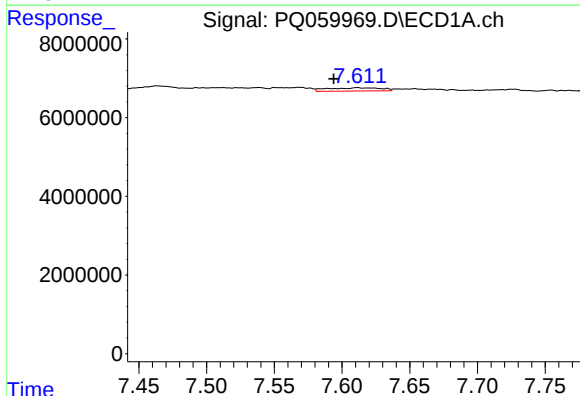
R.T.: 7.512 min
Delta R.T.: -0.004 min
Response: 2663503
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



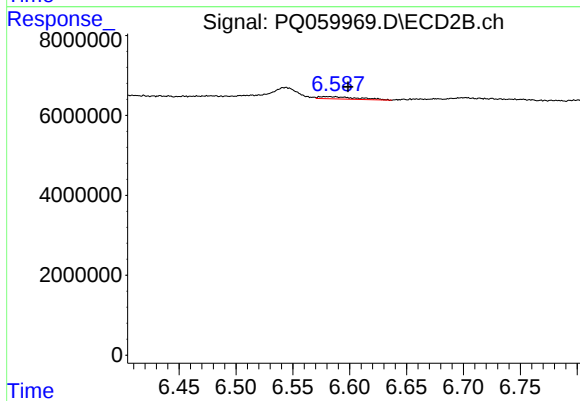
#41 AR-1268-1

R.T.: 6.544 min
Delta R.T.: 0.008 min
Response: 4302771
Conc: 3.89 ng/ml



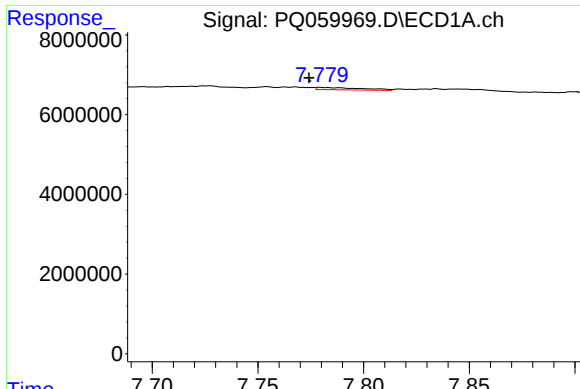
#42 AR-1268-2

R.T.: 7.611 min
Delta R.T.: 0.017 min
Response: 2242369
Conc: 1.95 ng/ml



#42 AR-1268-2

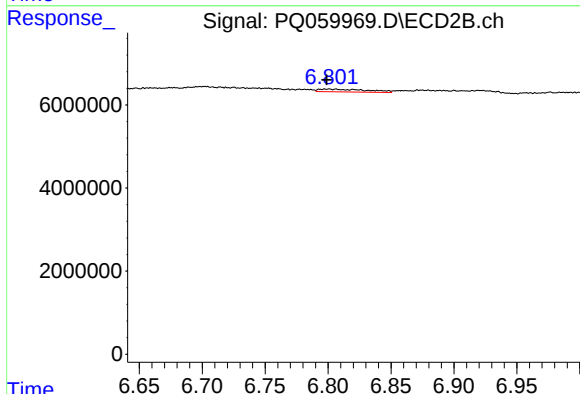
R.T.: 6.580 min
Delta R.T.: -0.019 min
Response: 1364536
Conc: 1.33 ng/ml



#43 AR-1268-3

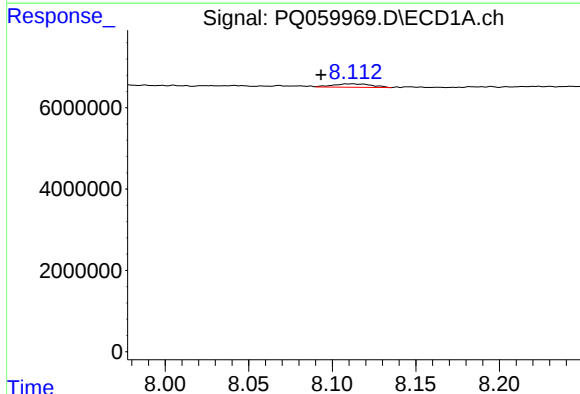
R.T.: 7.779 min
Delta R.T.: 0.005 min
Response: 858707
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



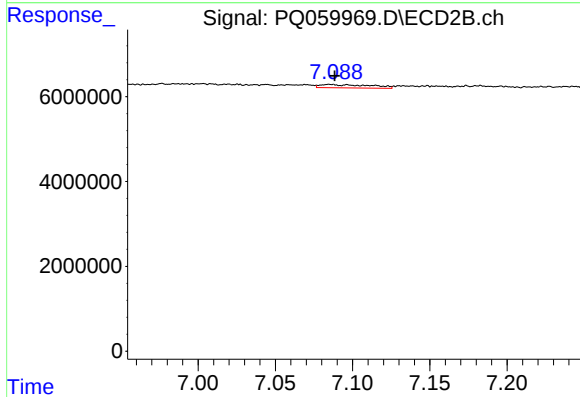
#43 AR-1268-3

R.T.: 6.800 min
Delta R.T.: 0.001 min
Response: 1784297
Conc: 2.04 ng/ml



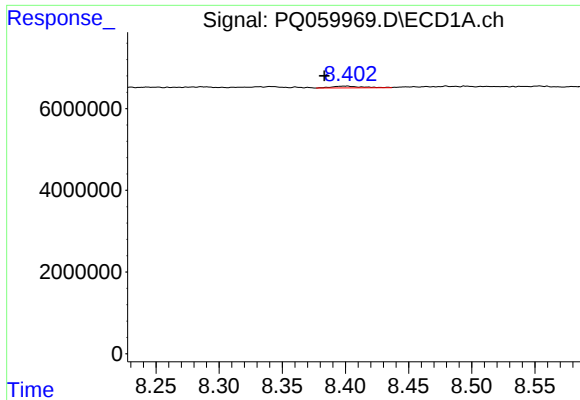
#44 AR-1268-4

R.T.: 8.112 min
Delta R.T.: 0.019 min
Response: 1337216
Conc: 3.44 ng/ml



#44 AR-1268-4

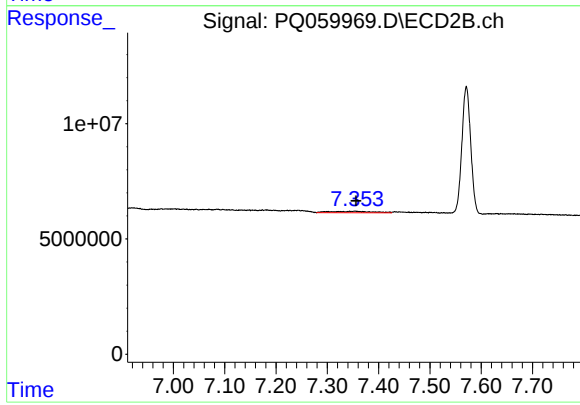
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 1747253
Conc: 4.64 ng/ml



#45 AR-1268-5

R.T.: 8.401 min
Delta R.T.: 0.018 min
Response: 763160
Conc: 0.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.354 min
Delta R.T.: -0.002 min
Response: 3713470
Conc: 1.33 ng/ml