

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053122\
 Data File : PQ057865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2022 10:57
 Operator : YP\AJ
 Sample : N2951-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 03:30:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 28 06:33:00 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...	4.690	4.053	282.7E6	227.5E6	19.587	20.020
2)	SA Decachlor...	10.613	9.207	221.3E6	150.3E6	17.646	15.841
Target Compounds							
3)	L1 AR-1016-1	5.873	5.164	1342226	238341	3.485	0.627 #
4)	L1 AR-1016-2	5.902	5.164f	311638	238341	0.472	0.436
5)	L1 AR-1016-3	5.986f	5.338f	1961204	412168	4.694	1.492 #
6)	L1 AR-1016-4	6.051	5.403	747742	403569	2.081	1.873
7)	L1 AR-1016-5	6.350	5.614	515048	2426784	1.800	8.587 #
8)	L2 AR-1221-1	4.916	0.000	3237806	0	20.834	N.D. #
9)	L2 AR-1221-2	5.002	4.361	5141158	2904179	39.790	32.274
10)	L2 AR-1221-3	5.078	4.434	150893	846849	0.388	2.877 #
11)	L3 AR-1232-1	5.078	4.434	150893	846849	0.440	3.248 #
12)	L3 AR-1232-2	5.623f	5.164f	840872	238341	5.348	0.927 #
13)	L3 AR-1232-3	5.902	5.338f	311638	412168	0.990	3.246 #
14)	L3 AR-1232-4	6.051	0.000	747742	0	4.380	N.D. #
15)	L3 AR-1232-5	6.144	5.614	789015	2426784	7.962	19.428 #
16)	L4 AR-1242-1	5.873	5.164	1342226	238341	4.498	0.810 #
17)	L4 AR-1242-2	5.902	5.164f	311638	238341	0.608	0.563
18)	L4 AR-1242-3	5.986f	5.338f	1961204	412168	6.024	1.912 #
19)	L4 AR-1242-4	6.051	0.000	747742	0	2.705	N.D. #
20)	L4 AR-1242-5	0.000	5.975	0	224767	N.D.	0.842 #
21)	L5 AR-1248-1	5.873	5.164	1342226	238341	6.118	1.106 #
22)	L5 AR-1248-2	6.144	5.403	789015	403569	2.341	1.373 #
23)	L5 AR-1248-3	6.350	0.000	515048	0	1.418	N.D. #
24)	L5 AR-1248-4	6.735f	5.614	2439379	2426784	6.302	5.747
25)	L5 AR-1248-5	0.000	6.024	0	102969	N.D.	0.272 #
26)	L6 AR-1254-1	6.735	5.975	2439379	224767	6.018	0.381 #
27)	L6 AR-1254-2	6.947	6.121	3029523	610388	5.021	1.223 #
28)	L6 AR-1254-3	7.317	6.543	553176	3396352	0.723	3.995 #
29)	L6 AR-1254-4	7.601	6.757	435420	440664	0.887	0.858
30)	L6 AR-1254-5	8.027	7.175	22695621	14240326	40.019	21.390 #
31)	L7 AR-1260-1	7.483	6.659	4496225	4682946	10.280	9.013
32)	L7 AR-1260-2	7.739	6.844	20207161	13333299	36.468	21.380 #
33)	L7 AR-1260-3	8.027	7.008	22695621	10896868	33.694	16.730 #
34)	L7 AR-1260-4	8.339	7.477	12768369	9098337	25.588	18.094 #
35)	L7 AR-1260-5	8.681	7.714	33401733	27464969	29.980	22.366 #
36)	L8 AR-1262-1	8.100	7.175	19997099	14240326	32.444	39.401
37)	L8 AR-1262-2	8.681	7.714	33401733	27464969	25.411	19.263
38)	L8 AR-1262-3	9.009	8.001	8431634	10744559	13.542	20.566 #
39)	L8 AR-1262-4	9.104	8.066	7497297	22974462	14.449	22.725 #
40)	L8 AR-1262-5	9.814	8.592	9752842	8383275	18.465	18.804
41)	L9 AR-1268-1	9.009	8.001	8431634	10744559	5.265	6.701 #

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 Acq On : 31 May 2022 10:57
 Operator : YP\AJ
 Sample : N2951-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

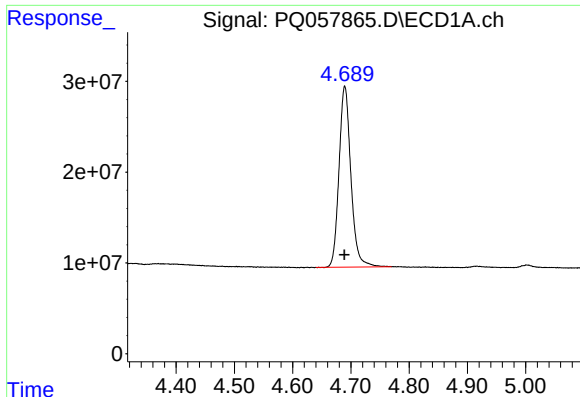
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 03:30:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 28 06:33:00 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
42) L9	AR-1268-2	9.104	8.066	7497297	22974462	4.405	15.179 #
43) L9	AR-1268-3	9.346	8.287	2888864	933783	1.945	0.779 #
44) L9	AR-1268-4	9.814	8.592	9752842	8383275	16.436	16.831
45) L9	AR-1268-5	10.258	8.918	5231383	3070027	1.015	0.776

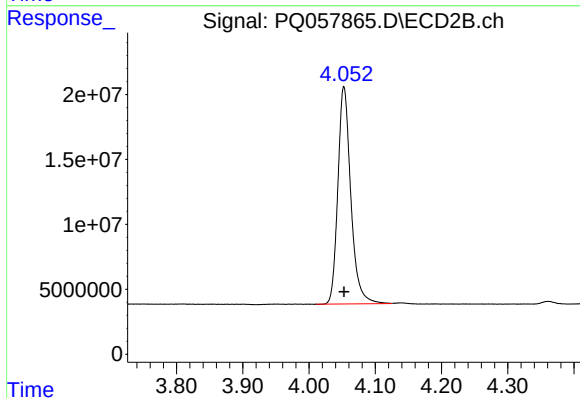
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

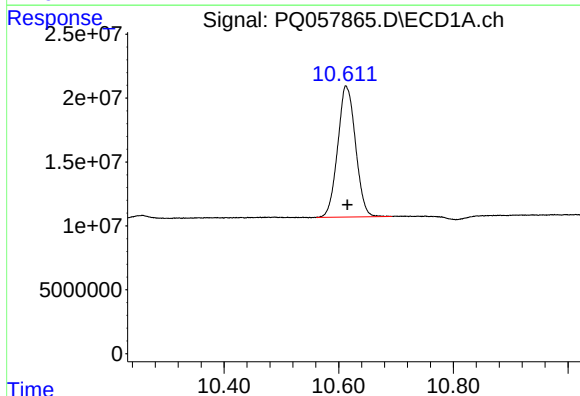
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 282684615
Conc: 19.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



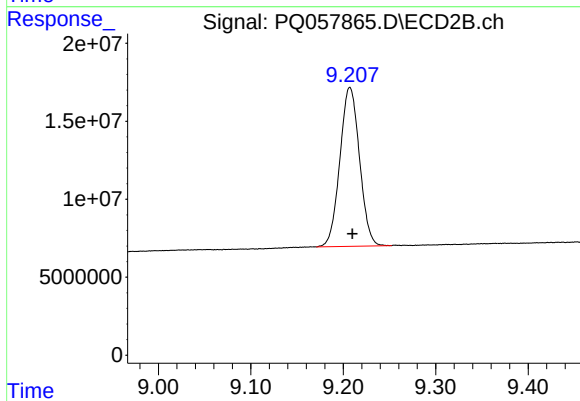
#1 Tetrachloro-m-xylene

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 227485046
Conc: 20.02 ng/ml



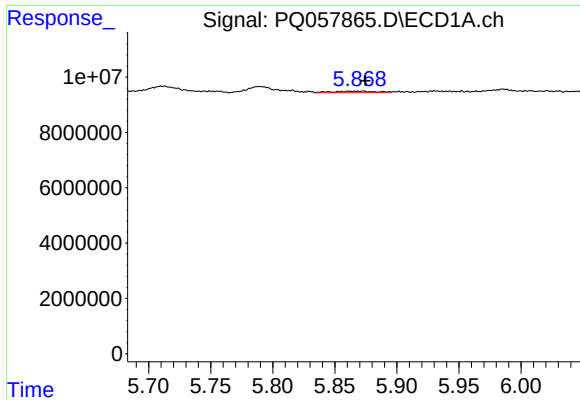
#2 Decachlorobiphenyl

R.T.: 10.613 min
Delta R.T.: -0.002 min
Response: 221315330
Conc: 17.65 ng/ml



#2 Decachlorobiphenyl

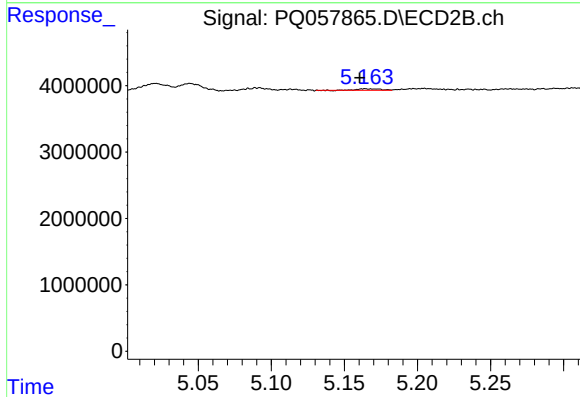
R.T.: 9.207 min
Delta R.T.: -0.003 min
Response: 150334565
Conc: 15.84 ng/ml



#3 AR-1016-1

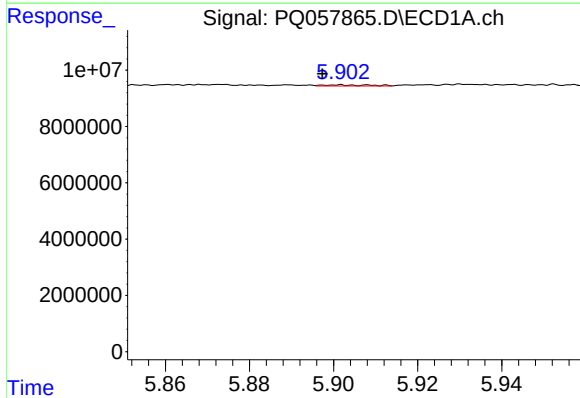
R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 1342226
Conc: 3.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



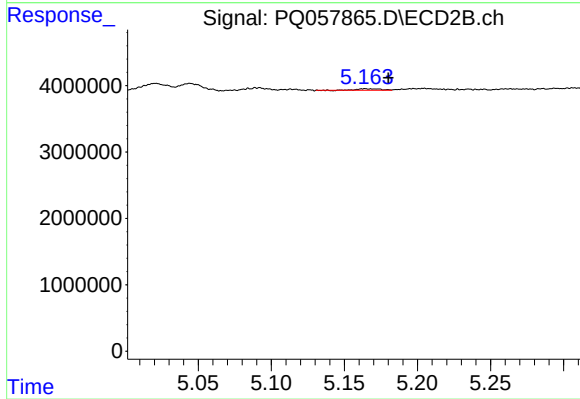
#3 AR-1016-1

R.T.: 5.164 min
Delta R.T.: 0.004 min
Response: 238341
Conc: 0.63 ng/ml



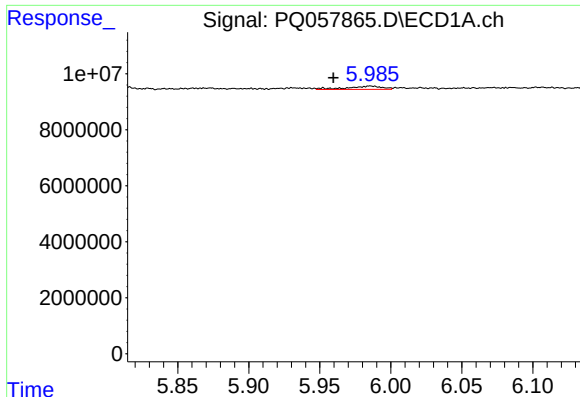
#4 AR-1016-2

R.T.: 5.902 min
Delta R.T.: 0.005 min
Response: 311638
Conc: 0.47 ng/ml



#4 AR-1016-2

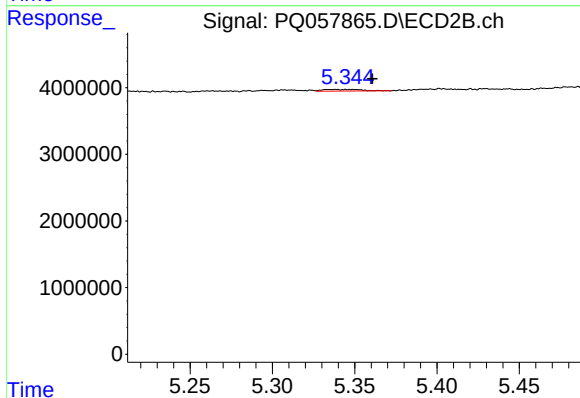
R.T.: 5.164 min
Delta R.T.: -0.016 min
Response: 238341
Conc: 0.44 ng/ml



#5 AR-1016-3

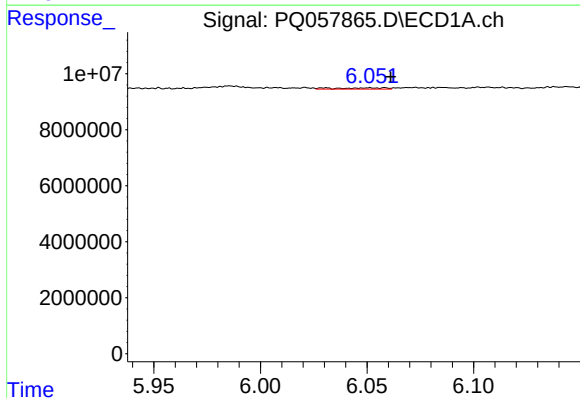
R.T.: 5.986 min
Delta R.T.: 0.026 min
Response: 1961204
Conc: 4.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



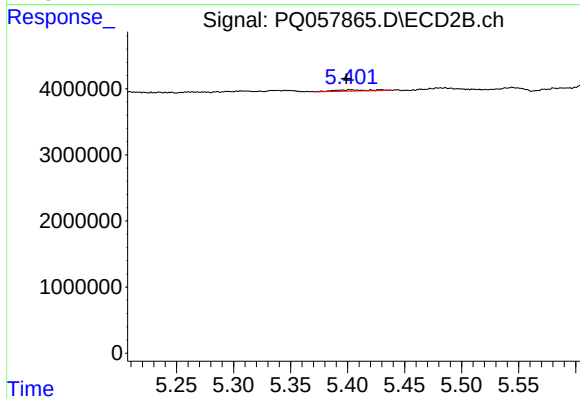
#5 AR-1016-3

R.T.: 5.338 min
Delta R.T.: -0.023 min
Response: 412168
Conc: 1.49 ng/ml



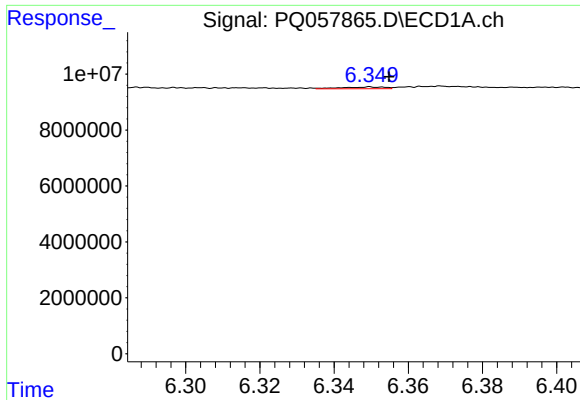
#6 AR-1016-4

R.T.: 6.051 min
Delta R.T.: -0.010 min
Response: 747742
Conc: 2.08 ng/ml



#6 AR-1016-4

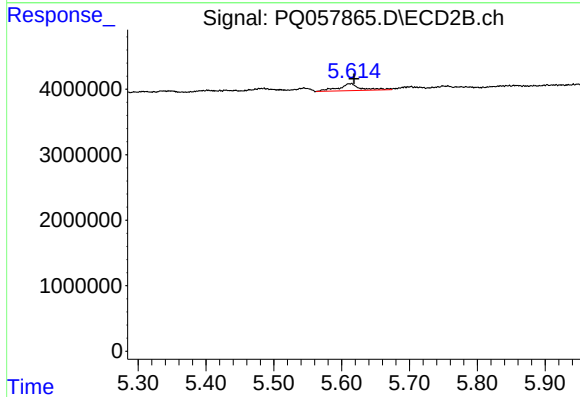
R.T.: 5.403 min
Delta R.T.: 0.004 min
Response: 403569
Conc: 1.87 ng/ml



#7 AR-1016-5

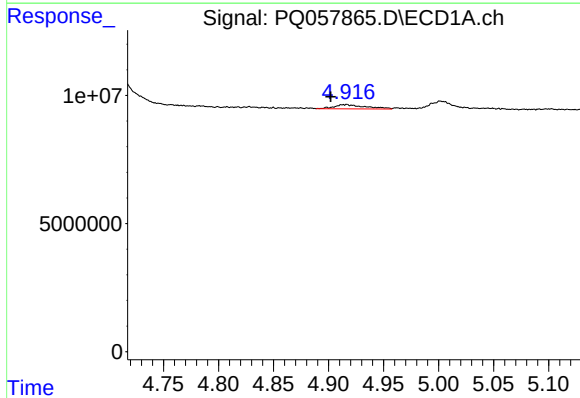
R.T.: 6.350 min
Delta R.T.: -0.005 min
Response: 515048
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



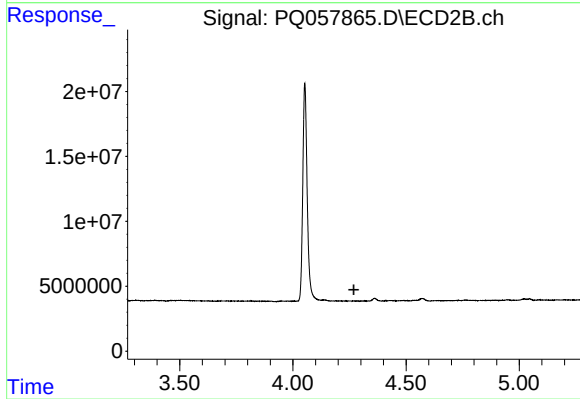
#7 AR-1016-5

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 2426784
Conc: 8.59 ng/ml



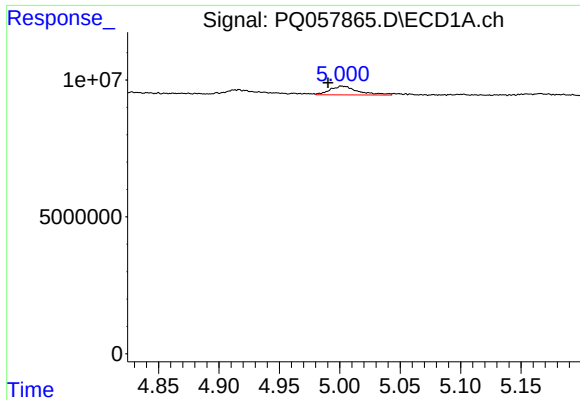
#8 AR-1221-1

R.T.: 4.916 min
Delta R.T.: 0.014 min
Response: 3237806
Conc: 20.83 ng/ml



#8 AR-1221-1

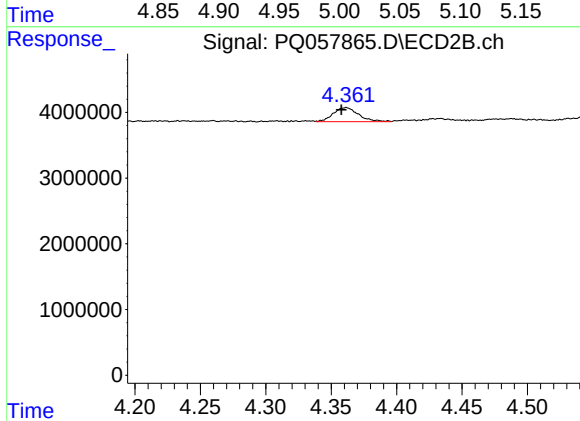
R.T.: 0.000 min
Exp R.T.: 4.270 min
Response: 0
Conc: N.D.



#9 AR-1221-2

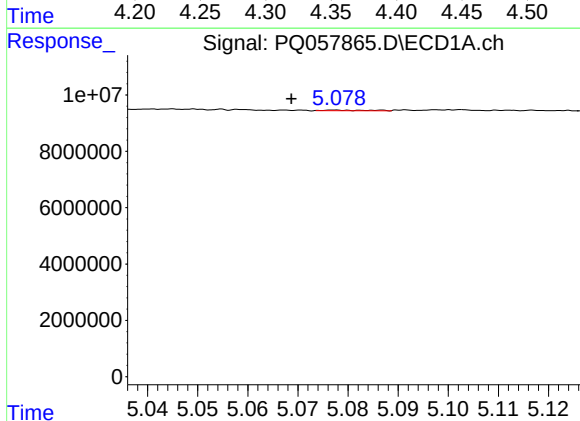
R.T.: 5.002 min
Delta R.T.: 0.012 min
Response: 5141158
Conc: 39.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



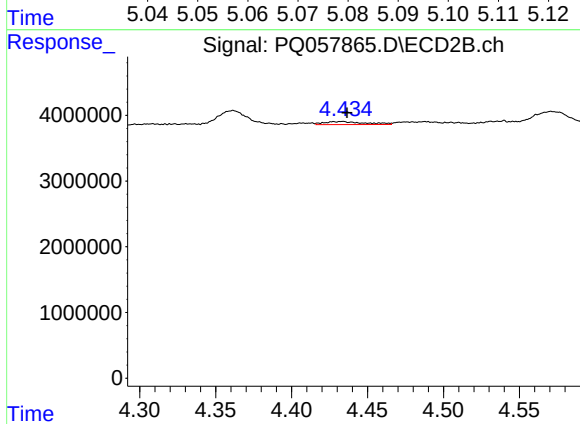
#9 AR-1221-2

R.T.: 4.361 min
Delta R.T.: 0.003 min
Response: 2904179
Conc: 32.27 ng/ml



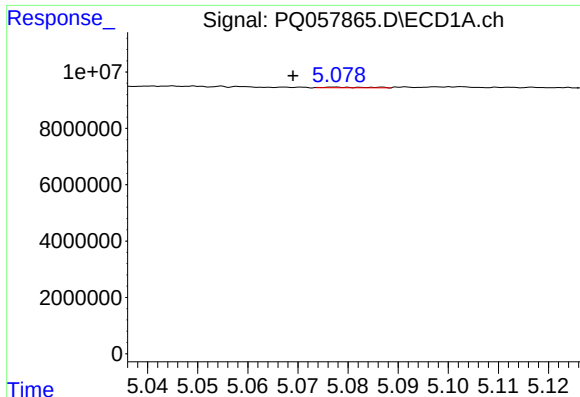
#10 AR-1221-3

R.T.: 5.078 min
Delta R.T.: 0.009 min
Response: 150893
Conc: 0.39 ng/ml



#10 AR-1221-3

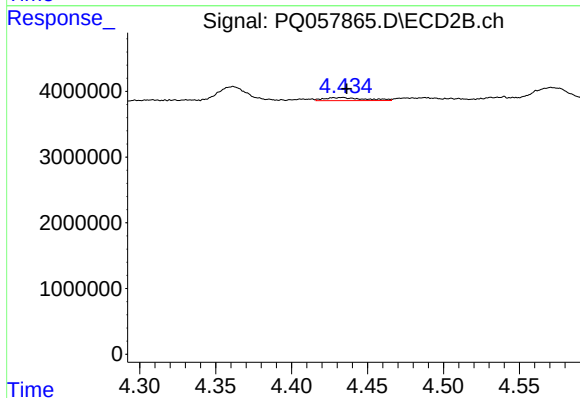
R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 846849
Conc: 2.88 ng/ml



#11 AR-1232-1

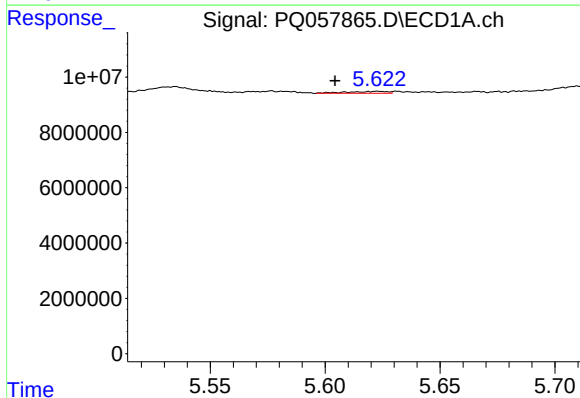
R.T.: 5.078 min
Delta R.T.: 0.009 min
Response: 150893
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



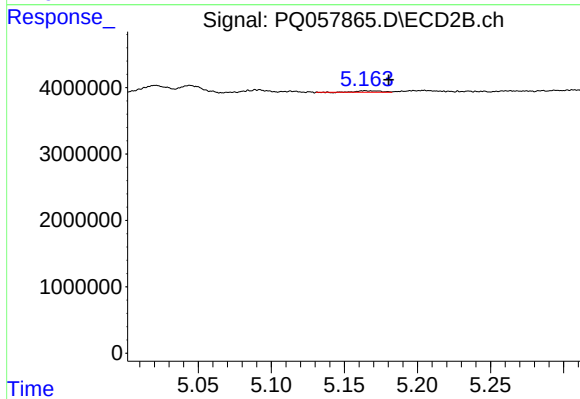
#11 AR-1232-1

R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 846849
Conc: 3.25 ng/ml



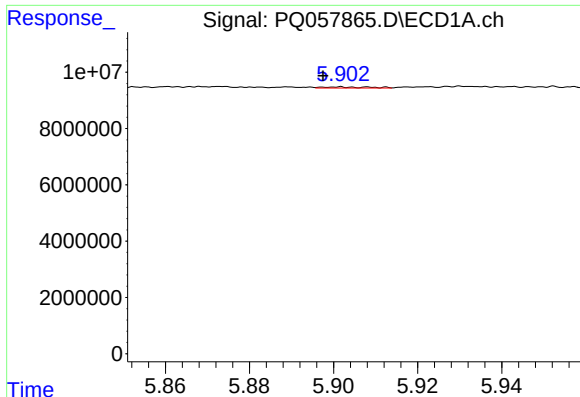
#12 AR-1232-2

R.T.: 5.623 min
Delta R.T.: 0.019 min
Response: 840872
Conc: 5.35 ng/ml



#12 AR-1232-2

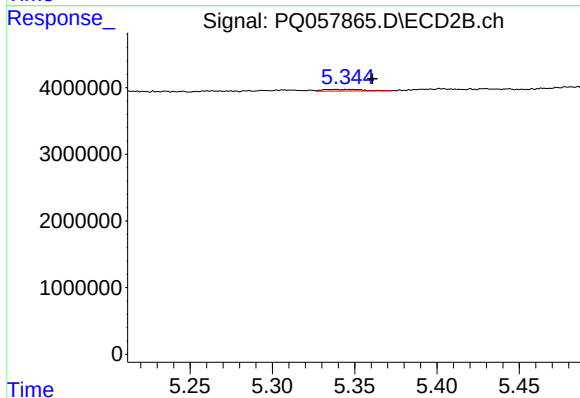
R.T.: 5.164 min
Delta R.T.: -0.016 min
Response: 238341
Conc: 0.93 ng/ml



#13 AR-1232-3

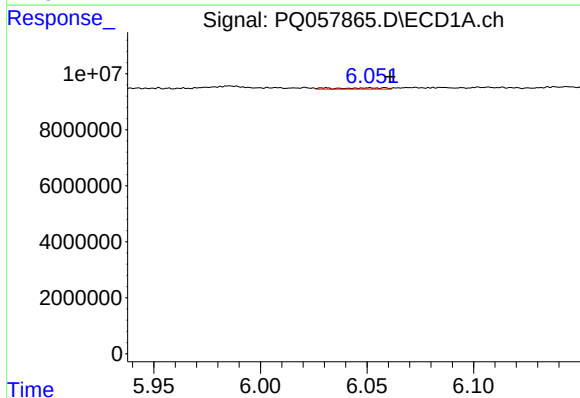
R.T.: 5.902 min
Delta R.T.: 0.005 min
Response: 311638
Conc: 0.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



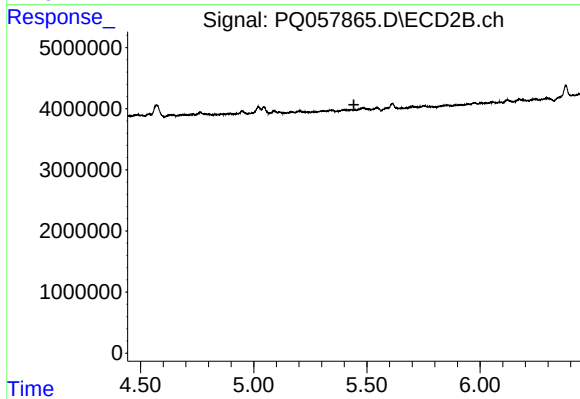
#13 AR-1232-3

R.T.: 5.338 min
Delta R.T.: -0.023 min
Response: 412168
Conc: 3.25 ng/ml



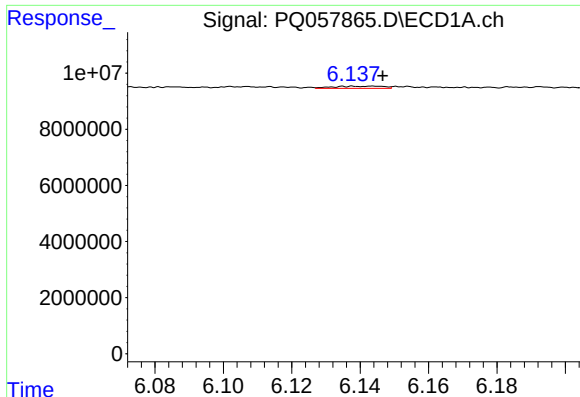
#14 AR-1232-4

R.T.: 6.051 min
Delta R.T.: -0.009 min
Response: 747742
Conc: 4.38 ng/ml



#14 AR-1232-4

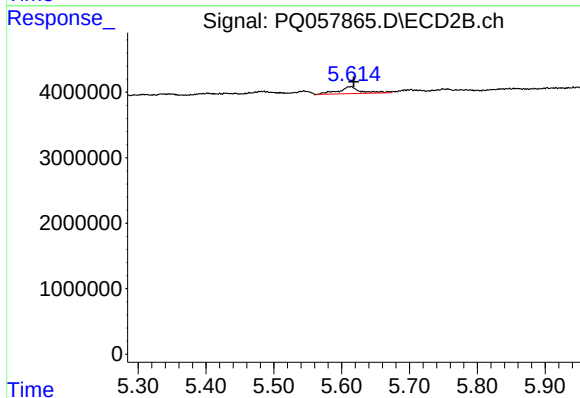
R.T.: 0.000 min
Exp R.T.: 5.442 min
Response: 0
Conc: N.D.



#15 AR-1232-5

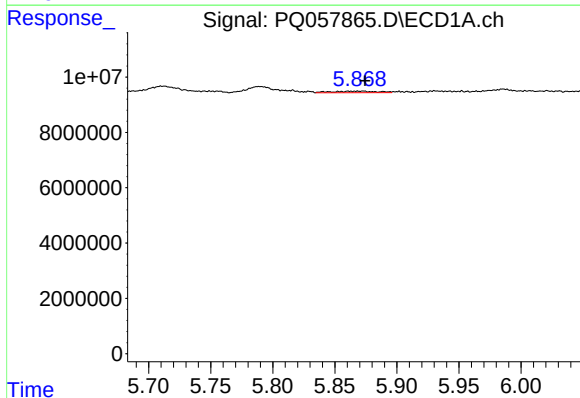
R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 789015
Conc: 7.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



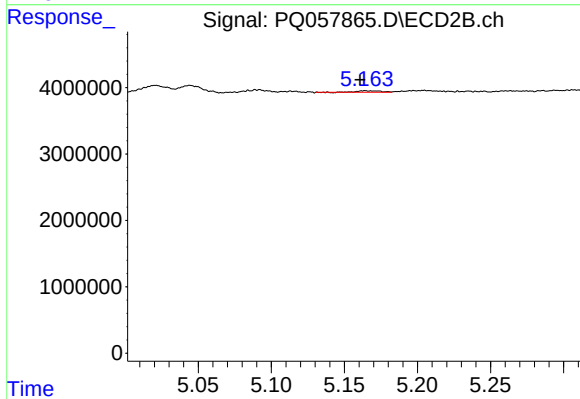
#15 AR-1232-5

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 2426784
Conc: 19.43 ng/ml



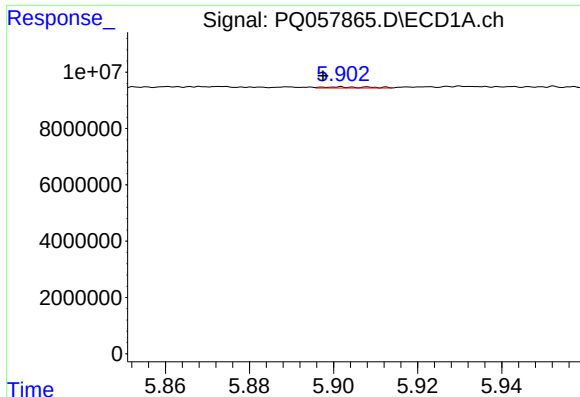
#16 AR-1242-1

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 1342226
Conc: 4.50 ng/ml



#16 AR-1242-1

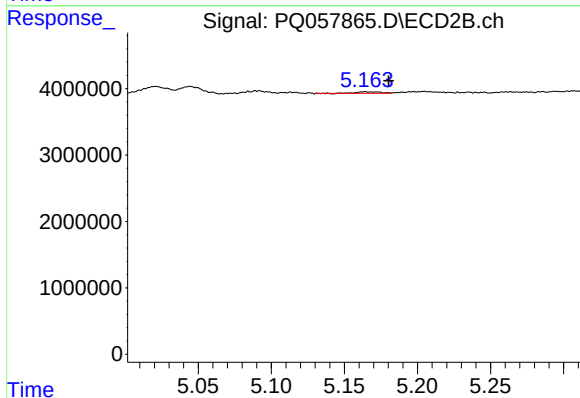
R.T.: 5.164 min
Delta R.T.: 0.003 min
Response: 238341
Conc: 0.81 ng/ml



#17 AR-1242-2

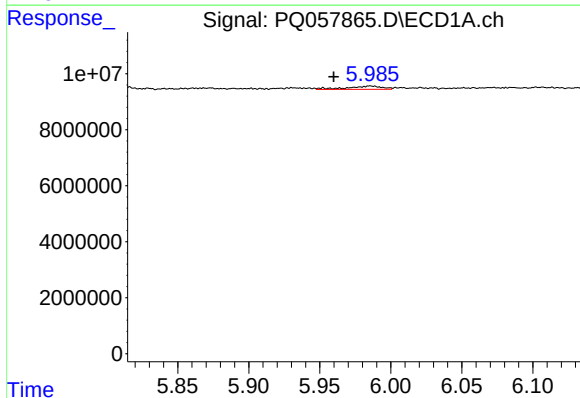
R.T.: 5.902 min
Delta R.T.: 0.005 min
Response: 311638
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



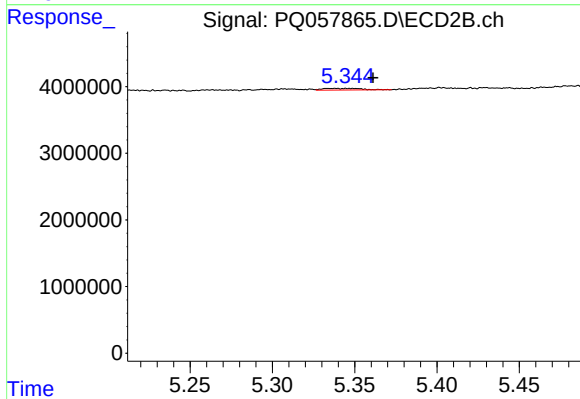
#17 AR-1242-2

R.T.: 5.164 min
Delta R.T.: -0.016 min
Response: 238341
Conc: 0.56 ng/ml



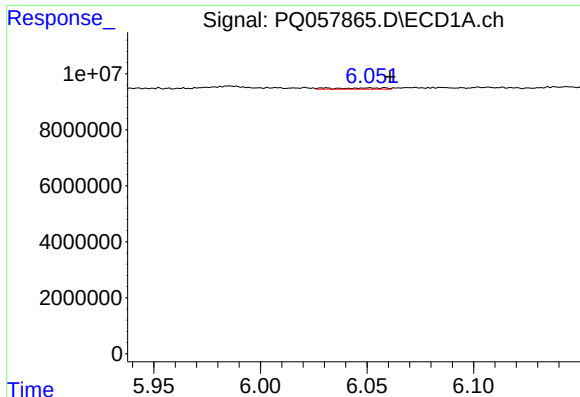
#18 AR-1242-3

R.T.: 5.986 min
Delta R.T.: 0.026 min
Response: 1961204
Conc: 6.02 ng/ml



#18 AR-1242-3

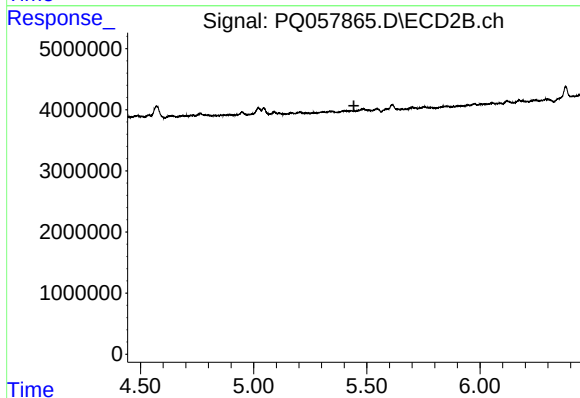
R.T.: 5.338 min
Delta R.T.: -0.023 min
Response: 412168
Conc: 1.91 ng/ml



#19 AR-1242-4

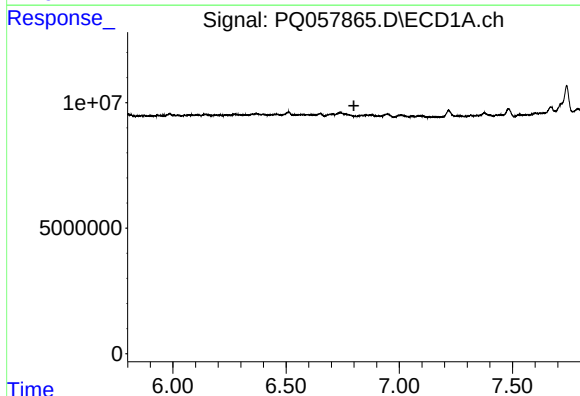
R.T.: 6.051 min
Delta R.T.: -0.009 min
Response: 747742
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



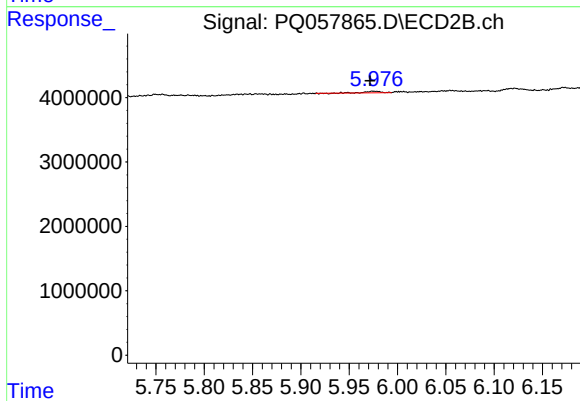
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.443 min
Response: 0
Conc: N.D.



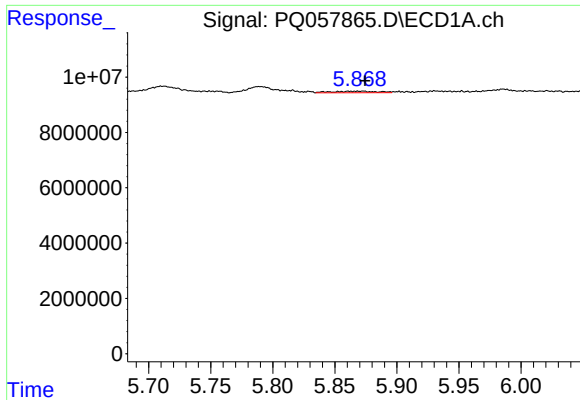
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.800 min
Response: 0
Conc: N.D.



#20 AR-1242-5

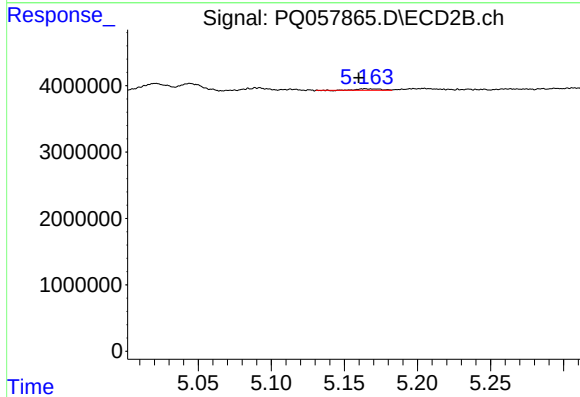
R.T.: 5.975 min
Delta R.T.: 0.003 min
Response: 224767
Conc: 0.84 ng/ml



#21 AR-1248-1

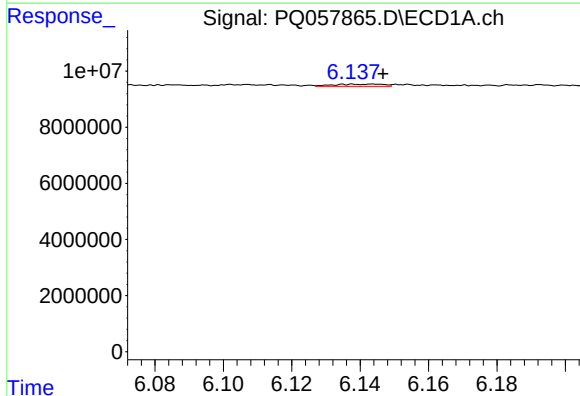
R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 1342226
Conc: 6.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



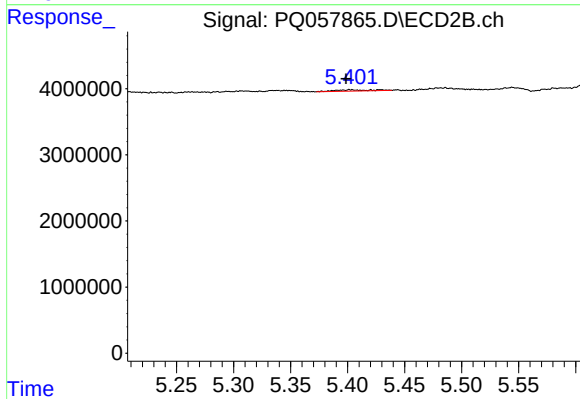
#21 AR-1248-1

R.T.: 5.164 min
Delta R.T.: 0.004 min
Response: 238341
Conc: 1.11 ng/ml



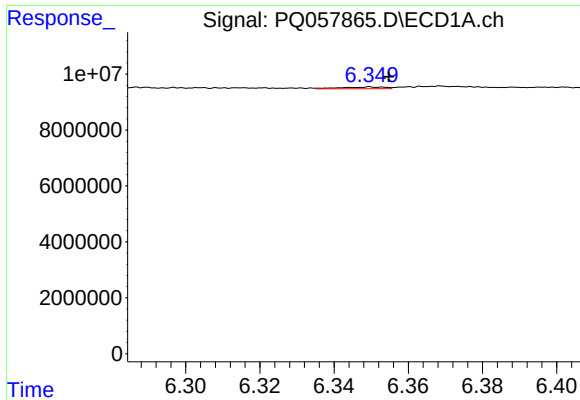
#22 AR-1248-2

R.T.: 6.144 min
Delta R.T.: -0.003 min
Response: 789015
Conc: 2.34 ng/ml



#22 AR-1248-2

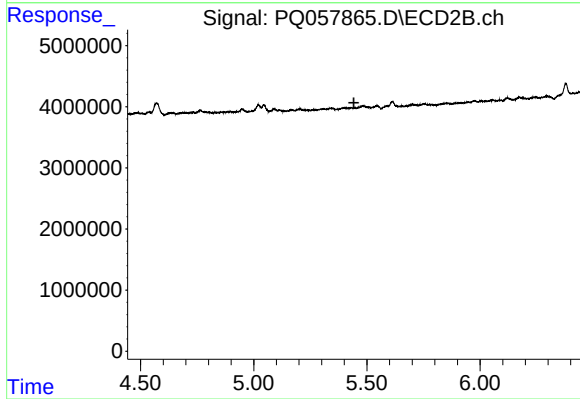
R.T.: 5.403 min
Delta R.T.: 0.004 min
Response: 403569
Conc: 1.37 ng/ml



#23 AR-1248-3

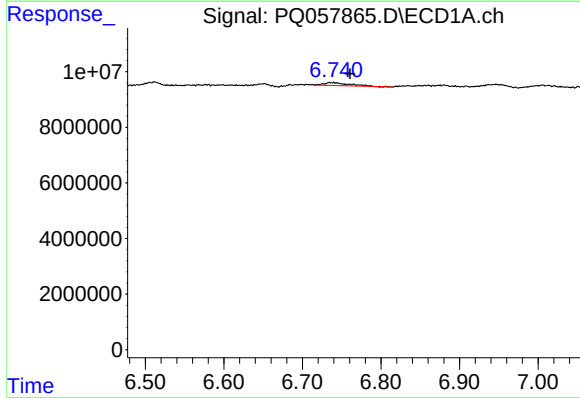
R.T.: 6.350 min
Delta R.T.: -0.005 min
Response: 515048
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



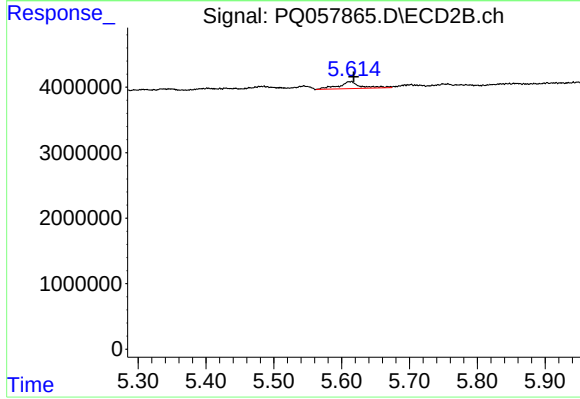
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.443 min
Response: 0
Conc: N.D.



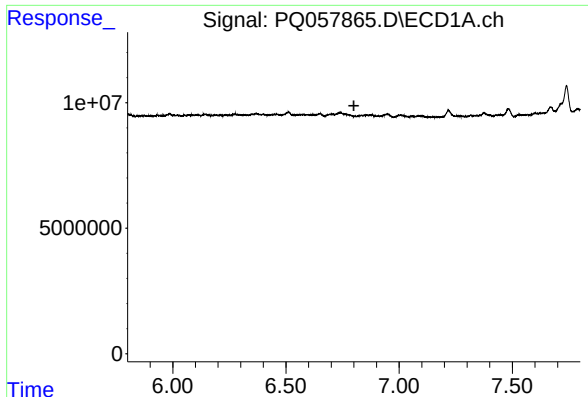
#24 AR-1248-4

R.T.: 6.735 min
Delta R.T.: -0.026 min
Response: 2439379
Conc: 6.30 ng/ml



#24 AR-1248-4

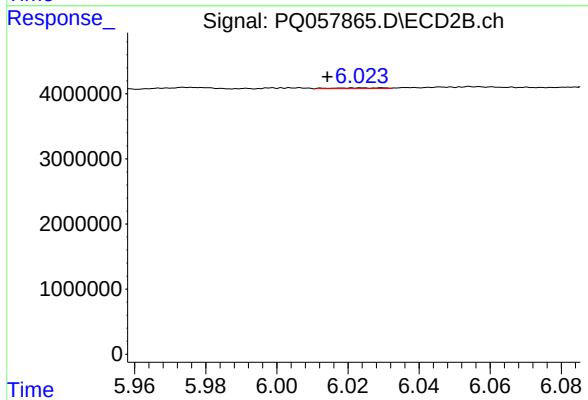
R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 2426784
Conc: 5.75 ng/ml



#25 AR-1248-5

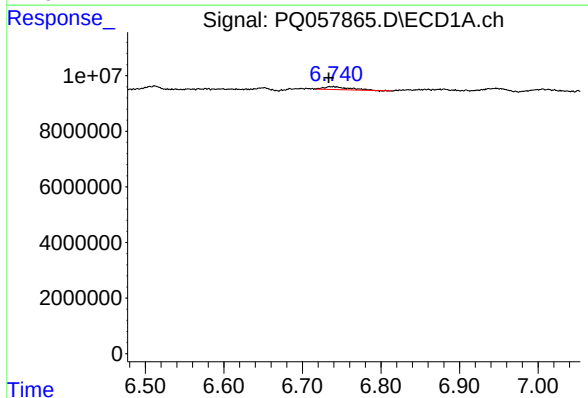
R.T.: 0.000 min
Exp R.T.: 6.800 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



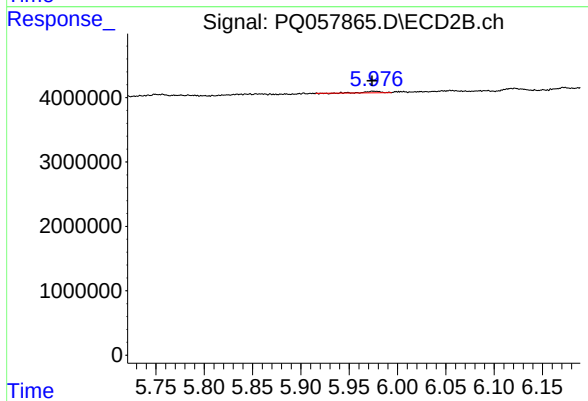
#25 AR-1248-5

R.T.: 6.024 min
Delta R.T.: 0.010 min
Response: 102969
Conc: 0.27 ng/ml



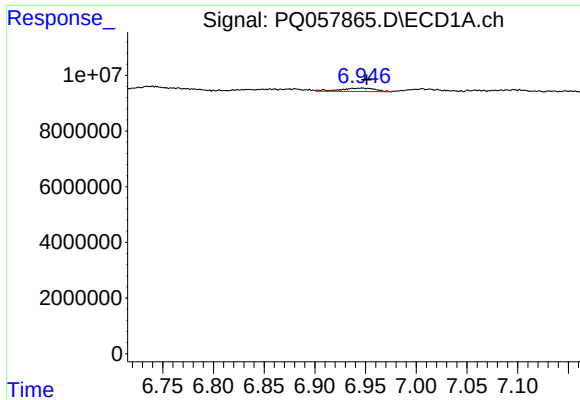
#26 AR-1254-1

R.T.: 6.735 min
Delta R.T.: 0.001 min
Response: 2439379
Conc: 6.02 ng/ml



#26 AR-1254-1

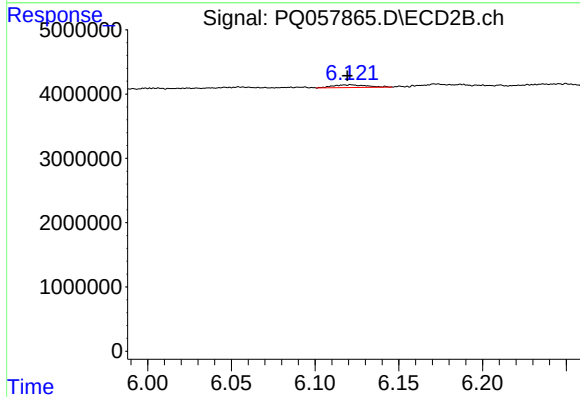
R.T.: 5.975 min
Delta R.T.: 0.001 min
Response: 224767
Conc: 0.38 ng/ml



#27 AR-1254-2

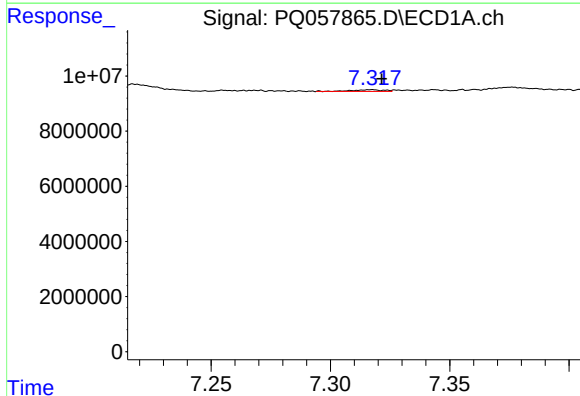
R.T.: 6.947 min
Delta R.T.: -0.005 min
Response: 3029523
Conc: 5.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



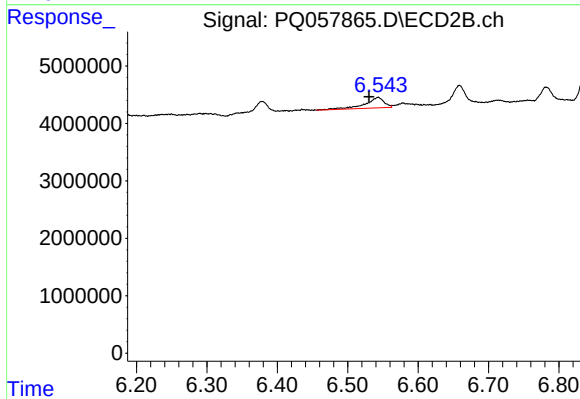
#27 AR-1254-2

R.T.: 6.121 min
Delta R.T.: 0.002 min
Response: 610388
Conc: 1.22 ng/ml



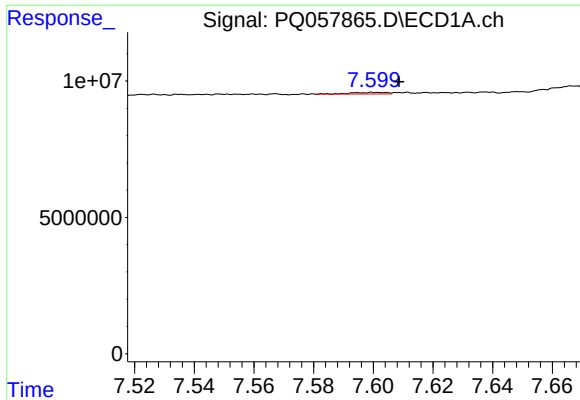
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: -0.004 min
Response: 553176
Conc: 0.72 ng/ml



#28 AR-1254-3

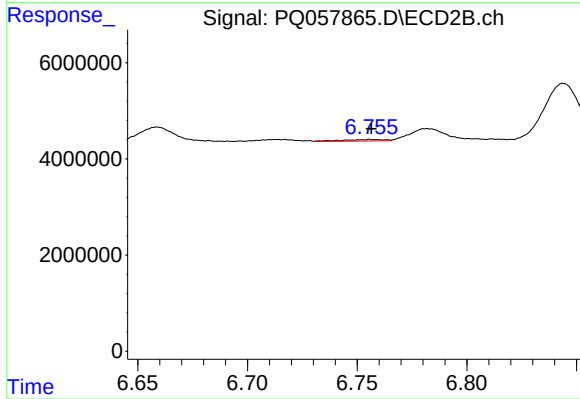
R.T.: 6.543 min
Delta R.T.: 0.013 min
Response: 3396352
Conc: 4.00 ng/ml



#29 AR-1254-4

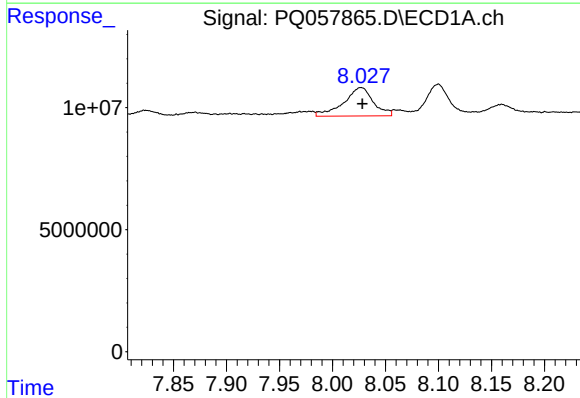
R.T.: 7.601 min
Delta R.T.: -0.008 min
Response: 435420
Conc: 0.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



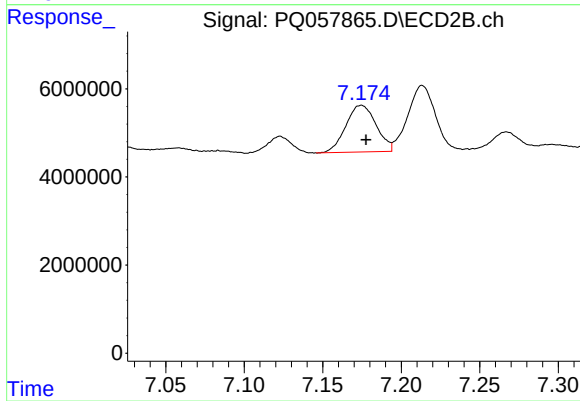
#29 AR-1254-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 440664
Conc: 0.86 ng/ml



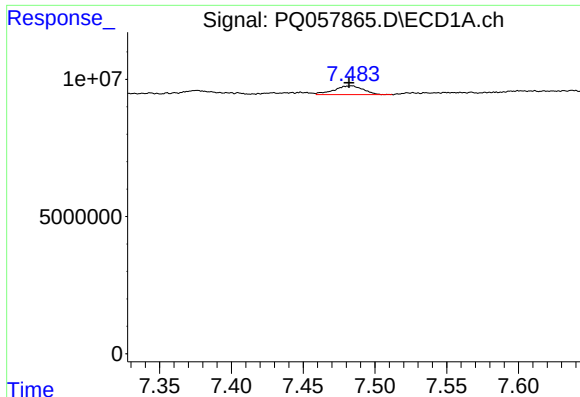
#30 AR-1254-5

R.T.: 8.027 min
Delta R.T.: -0.001 min
Response: 22695621
Conc: 40.02 ng/ml



#30 AR-1254-5

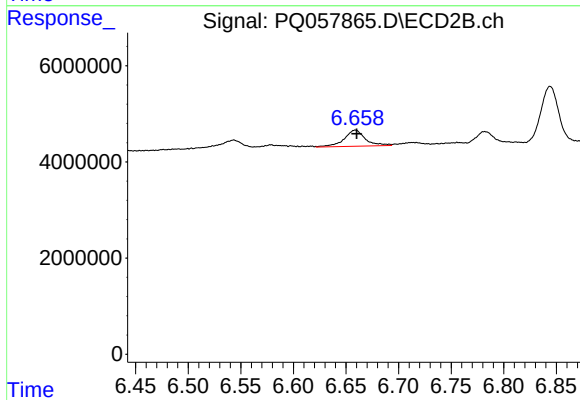
R.T.: 7.175 min
Delta R.T.: -0.003 min
Response: 14240326
Conc: 21.39 ng/ml



#31 AR-1260-1

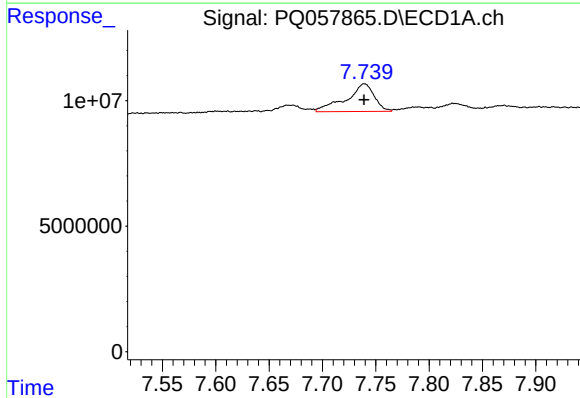
R.T.: 7.483 min
Delta R.T.: 0.002 min
Response: 4496225
Conc: 10.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



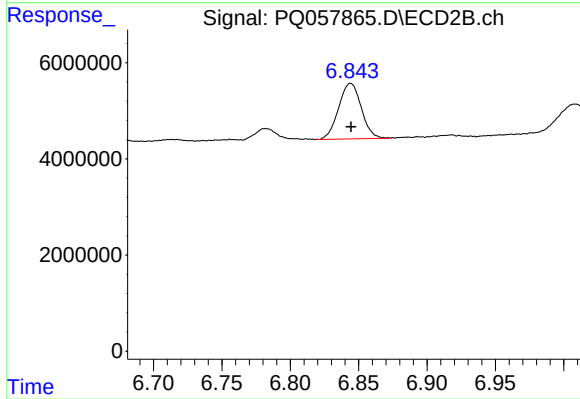
#31 AR-1260-1

R.T.: 6.659 min
Delta R.T.: -0.001 min
Response: 4682946
Conc: 9.01 ng/ml



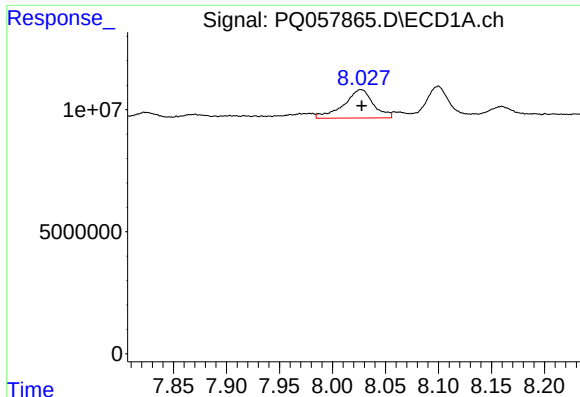
#32 AR-1260-2

R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 20207161
Conc: 36.47 ng/ml



#32 AR-1260-2

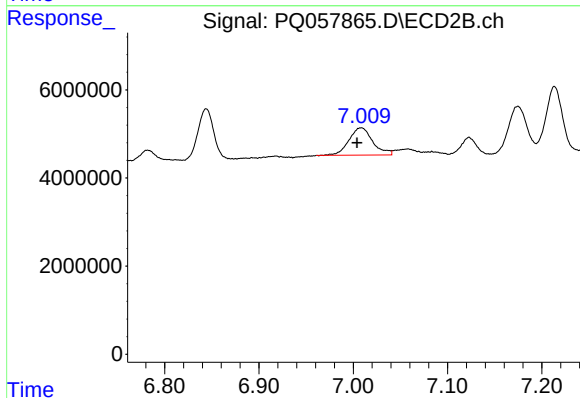
R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 13333299
Conc: 21.38 ng/ml



#33 AR-1260-3

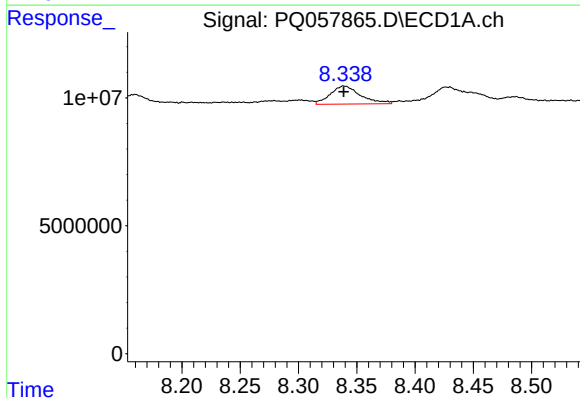
R.T.: 8.027 min
Delta R.T.: 0.000 min
Response: 22695621
Conc: 33.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



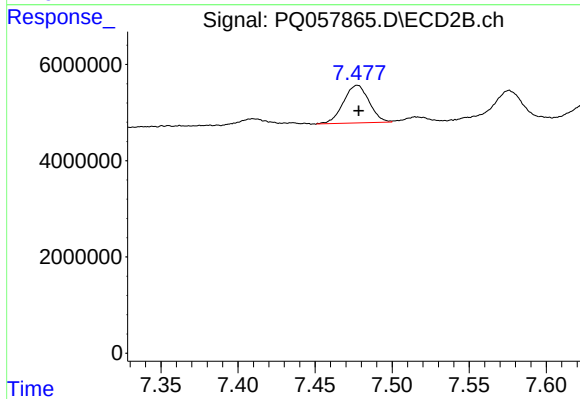
#33 AR-1260-3

R.T.: 7.008 min
Delta R.T.: 0.004 min
Response: 10896868
Conc: 16.73 ng/ml



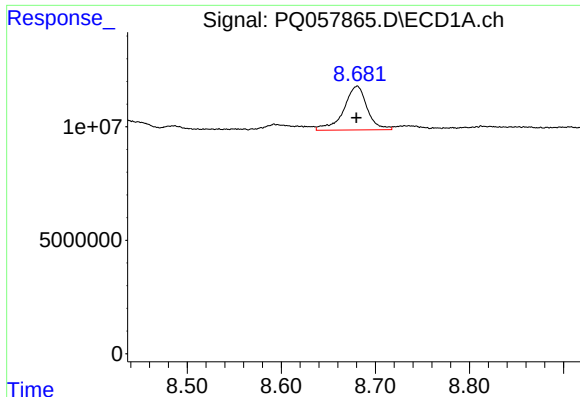
#34 AR-1260-4

R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 12768369
Conc: 25.59 ng/ml



#34 AR-1260-4

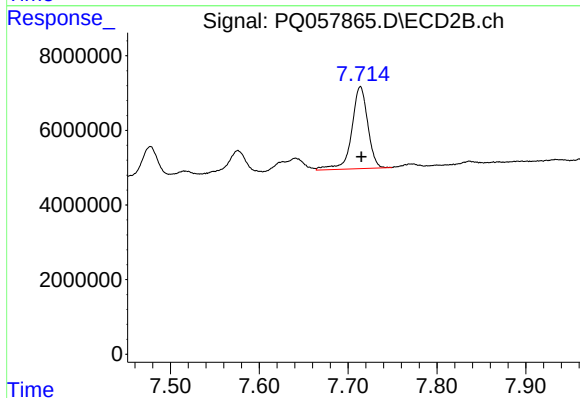
R.T.: 7.477 min
Delta R.T.: -0.001 min
Response: 9098337
Conc: 18.09 ng/ml



#35 AR-1260-5

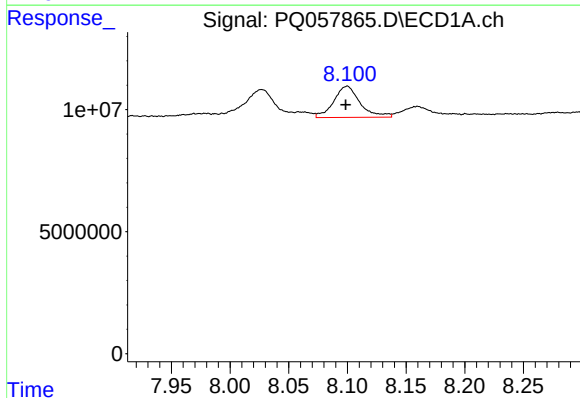
R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 33401733
Conc: 29.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



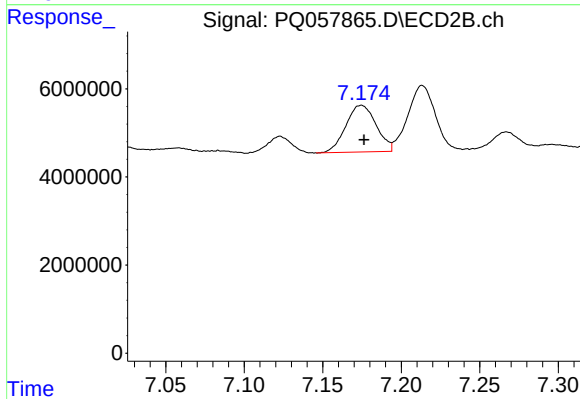
#35 AR-1260-5

R.T.: 7.714 min
Delta R.T.: -0.001 min
Response: 27464969
Conc: 22.37 ng/ml



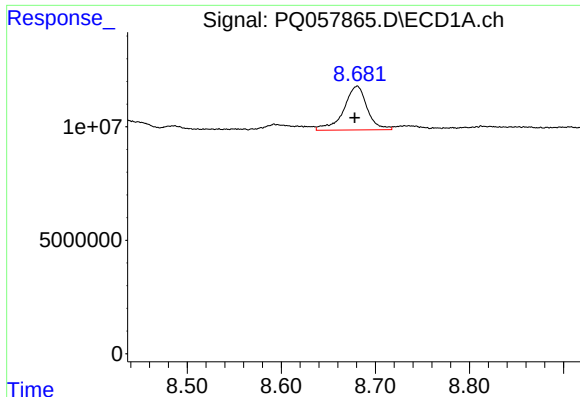
#36 AR-1262-1

R.T.: 8.100 min
Delta R.T.: 0.000 min
Response: 19997099
Conc: 32.44 ng/ml



#36 AR-1262-1

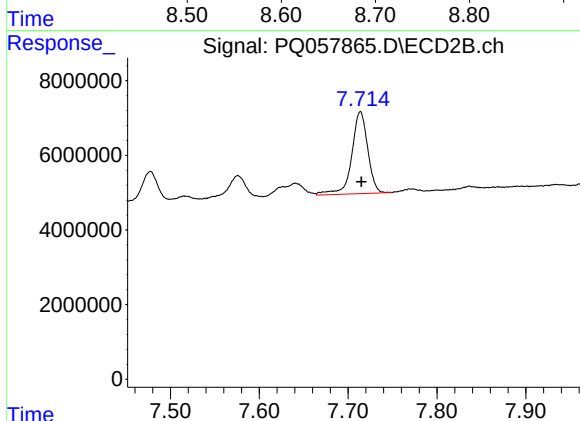
R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 14240326
Conc: 39.40 ng/ml



#37 AR-1262-2

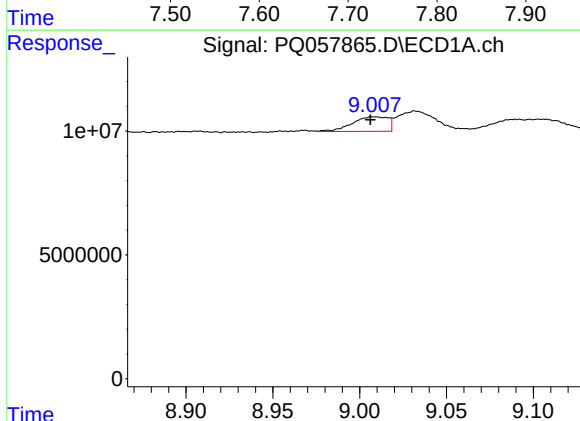
R.T.: 8.681 min
Delta R.T.: 0.002 min
Response: 33401733
Conc: 25.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



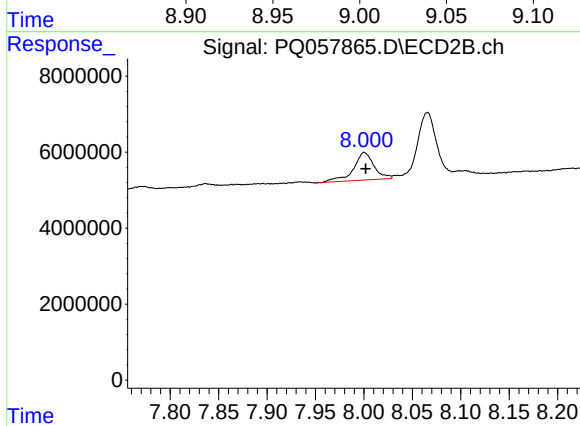
#37 AR-1262-2

R.T.: 7.714 min
Delta R.T.: -0.001 min
Response: 27464969
Conc: 19.26 ng/ml



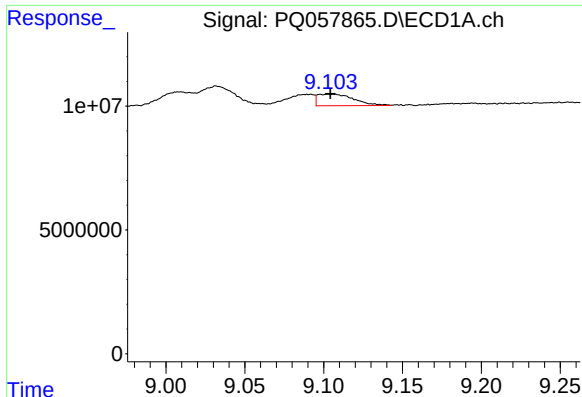
#38 AR-1262-3

R.T.: 9.009 min
Delta R.T.: 0.002 min
Response: 8431634
Conc: 13.54 ng/ml



#38 AR-1262-3

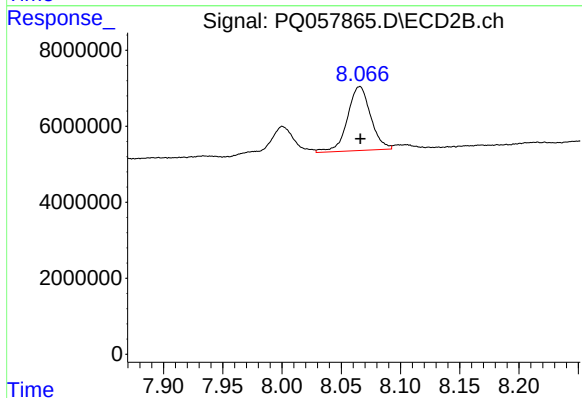
R.T.: 8.001 min
Delta R.T.: -0.001 min
Response: 10744559
Conc: 20.57 ng/ml



#39 AR-1262-4

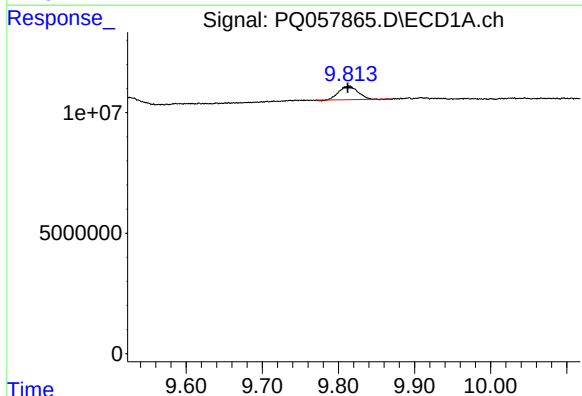
R.T.: 9.104 min
Delta R.T.: 0.000 min
Response: 7497297
Conc: 14.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



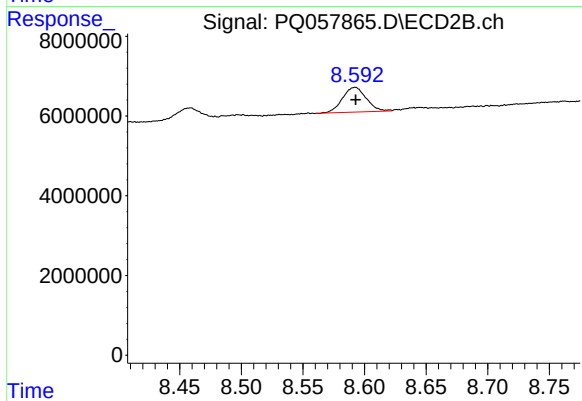
#39 AR-1262-4

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 22974462
Conc: 22.72 ng/ml



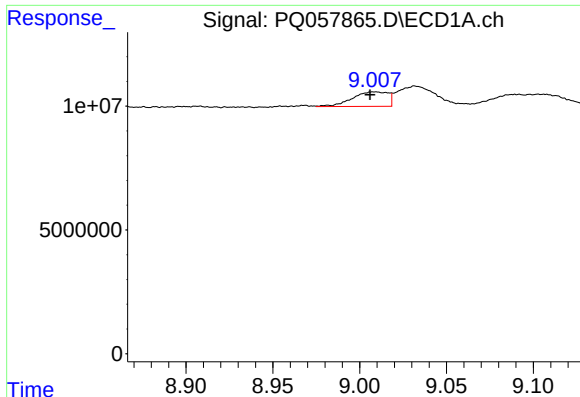
#40 AR-1262-5

R.T.: 9.814 min
Delta R.T.: 0.001 min
Response: 9752842
Conc: 18.47 ng/ml



#40 AR-1262-5

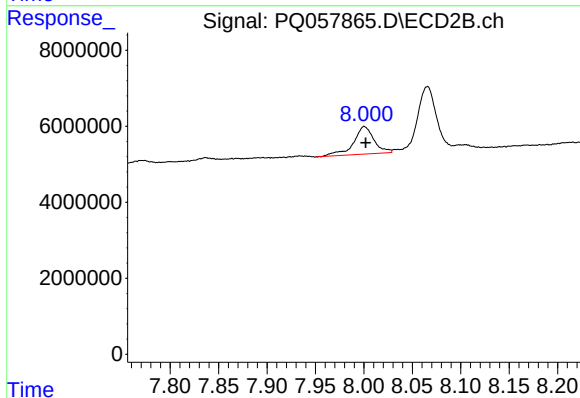
R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 8383275
Conc: 18.80 ng/ml



#41 AR-1268-1

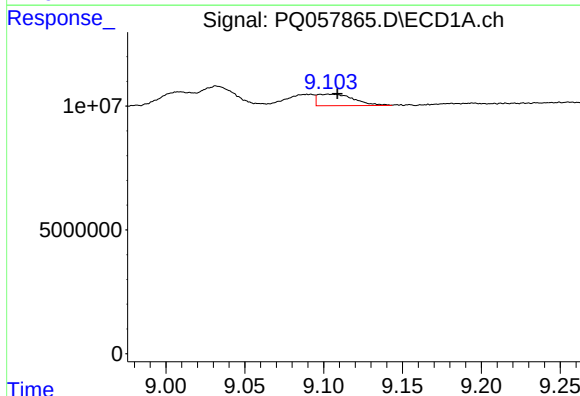
R.T.: 9.009 min
Delta R.T.: 0.003 min
Response: 8431634
Conc: 5.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



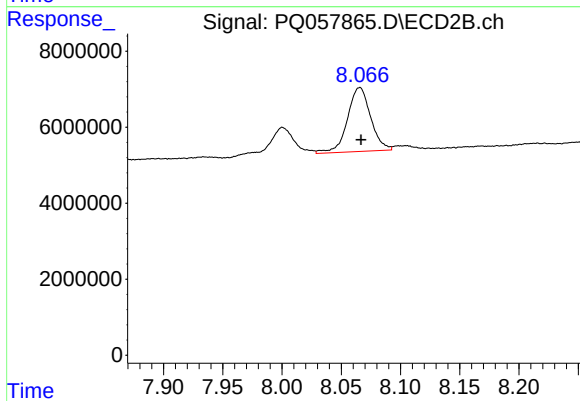
#41 AR-1268-1

R.T.: 8.001 min
Delta R.T.: -0.001 min
Response: 10744559
Conc: 6.70 ng/ml



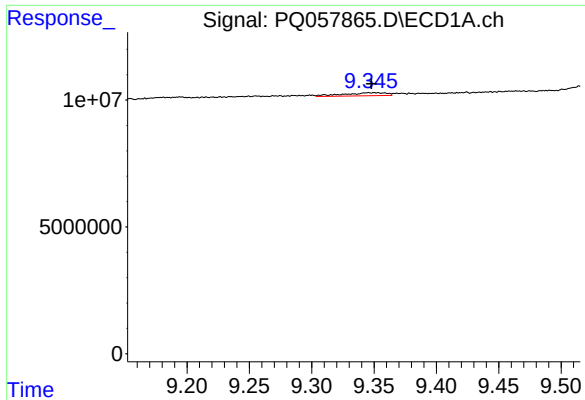
#42 AR-1268-2

R.T.: 9.104 min
Delta R.T.: -0.005 min
Response: 7497297
Conc: 4.40 ng/ml



#42 AR-1268-2

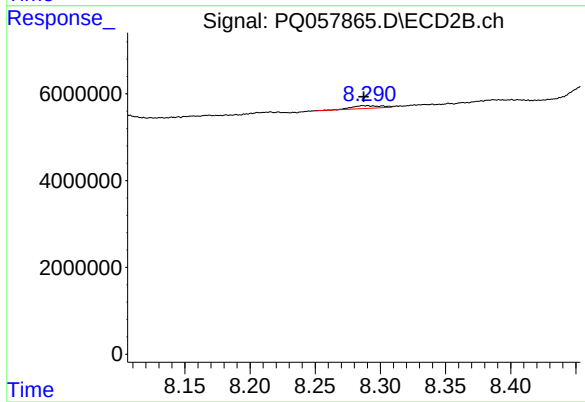
R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 22974462
Conc: 15.18 ng/ml



#43 AR-1268-3

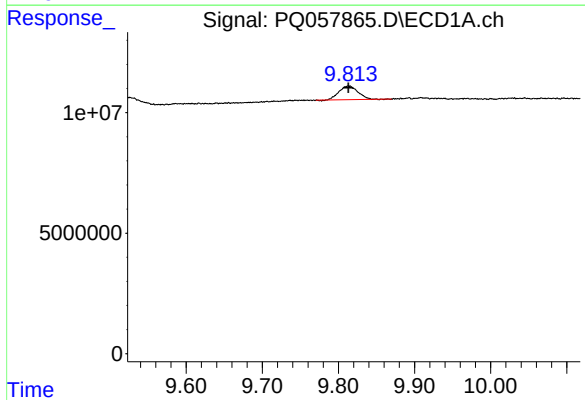
R.T.: 9.346 min
Delta R.T.: -0.002 min
Response: 2888864
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



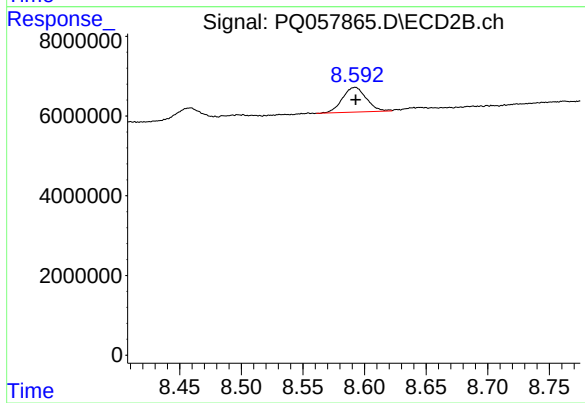
#43 AR-1268-3

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 933783
Conc: 0.78 ng/ml



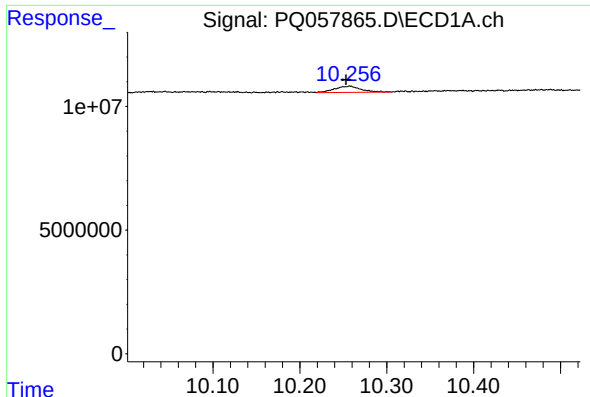
#44 AR-1268-4

R.T.: 9.814 min
Delta R.T.: 0.000 min
Response: 9752842
Conc: 16.44 ng/ml



#44 AR-1268-4

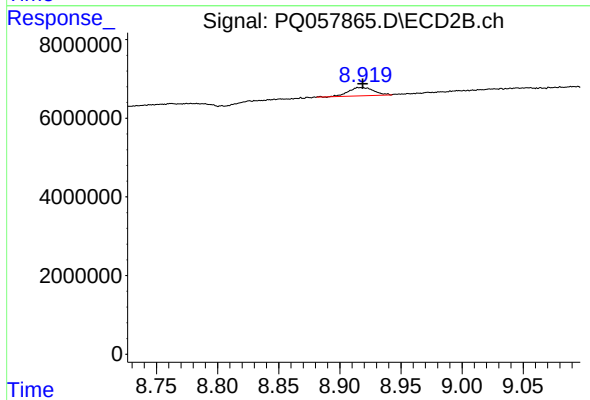
R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 8383275
Conc: 16.83 ng/ml



#45 AR-1268-5

R.T.: 10.258 min
Delta R.T.: 0.004 min
Response: 5231383
Conc: 1.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.918 min
Delta R.T.: 0.000 min
Response: 3070027
Conc: 0.78 ng/ml