

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110722\
 Data File : PQ059966.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2022 22:05
 Operator : YP\AJ
 Sample : N5431-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 01:24:59 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	161.0E6	130.3E6	13.343	16.417
2)	SA Decachlor...	8.634	7.572	60774643	75371151	8.329	10.362
Target Compounds							
3)	L1 AR-1016-1	4.570	3.801	368853	383497	0.849	1.447 #
4)	L1 AR-1016-2	4.570	3.839	368853	795998	0.588	2.020 #
5)	L1 AR-1016-3	4.646	4.015f	1258644	1373770	3.251	6.711 #
6)	L1 AR-1016-4	4.719	4.015f	247698	1373770	0.769	8.631 #
7)	L1 AR-1016-5	5.037f	4.237	2843593	1903528	9.291	9.238
8)	L2 AR-1221-1	3.676f	3.028f	20404517	535673	140.006	5.845 #
9)	L2 AR-1221-2	3.736	3.077	12690554	1770849	115.489	25.954 #
10)	L2 AR-1221-3	3.820f	0.000	4515000	0	13.942	N.D. #
11)	L3 AR-1232-1	3.820f	0.000	4515000	0	18.344	N.D. #
12)	L3 AR-1232-2	4.286	3.839	1377567	795998	9.073	4.622 #
13)	L3 AR-1232-3	4.570	4.015f	368853	1373770	1.360	15.345 #
14)	L3 AR-1232-4	4.719	4.059	247698	2045166	1.751	27.798 #
15)	L3 AR-1232-5	4.825	4.237	1733805	1903528	17.487	21.575
16)	L4 AR-1242-1	4.570	3.801	368853	383497	1.097	1.863 #
17)	L4 AR-1242-2	4.570	3.839	368853	795998	0.754	2.590 #
18)	L4 AR-1242-3	4.646	4.015f	1258644	1373770	4.192	8.609 #
19)	L4 AR-1242-4	4.719	4.059	247698	2045166	0.983	13.946 #
20)	L4 AR-1242-5	5.442	4.566	4508973	2182043	16.946	10.641 #
21)	L5 AR-1248-1	4.570	3.801	368853	383497	1.446	2.418 #
22)	L5 AR-1248-2	4.825	4.015f	1733805	1373770	5.305	6.371
23)	L5 AR-1248-3	5.037f	4.059	2843593	2045166	7.247	9.718 #
24)	L5 AR-1248-4	5.378f	4.237	7091729	1903528	16.018	7.153 #
25)	L5 AR-1248-5	5.442	4.603	4508973	3707040	10.333	14.132 #
26)	L6 AR-1254-1	5.378	4.566	7091729	2182043	15.689	5.364 #
27)	L6 AR-1254-2	5.572f	4.726	197669	2144290	0.285	5.961 #
28)	L6 AR-1254-3	5.931	5.090	2706341	6911790	3.712	12.044 #
29)	L6 AR-1254-4	0.000	5.309	0	522740	N.D.	1.433 #
30)	L6 AR-1254-5	6.635	5.724	3114856	169300	5.245	0.316 #
31)	L7 AR-1260-1	6.096	5.223	786544	1294677	1.406	3.269 #
33)	L7 AR-1260-3	6.709	5.569f	28397462	939936	66.695	2.027 #
34)	L7 AR-1260-4	6.923	5.987f	2676333	25728284	5.348	75.225 #
35)	L7 AR-1260-5	7.248	6.243	1293862	12460722	1.324	14.991 #
36)	L8 AR-1262-1	6.709	0.000	28397462	0	42.784	N.D. #
37)	L8 AR-1262-2	7.248	6.243f	1293862	12460722	1.163	13.144 #
38)	L8 AR-1262-3	7.532	6.543	1471516	4480619	2.049	12.106 #
39)	L8 AR-1262-4	7.579	0.000	552139	0	0.994	N.D. #
40)	L8 AR-1262-5	8.091	7.098	64826	357370	0.187	1.073 #
41)	L9 AR-1268-1	7.532f	6.543	1471516	4480619	1.173	4.050 #
42)	L9 AR-1268-2	7.579	0.000	552139	0	0.481	N.D. #

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 Acq On : 07 Nov 2022 22:05
 Operator : YP\AJ
 Sample : N5431-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

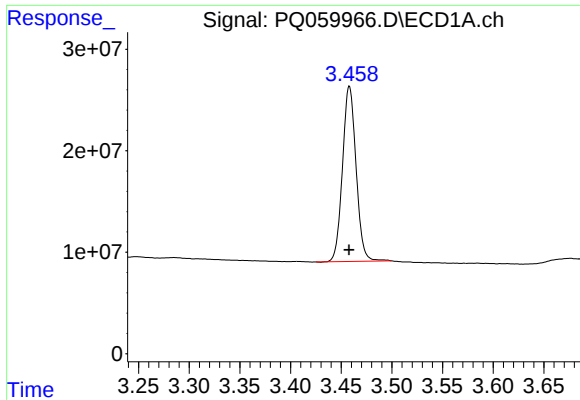
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 01:24:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.M
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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
43)	L9 AR-1268-3	7.789	6.796	99039	316640	0.107	0.363 #
44)	L9 AR-1268-4	8.091	7.098	64826	357370	0.167	0.949 #
45)	L9 AR-1268-5	8.400f	7.360	647976	1436906	0.246	0.516 #

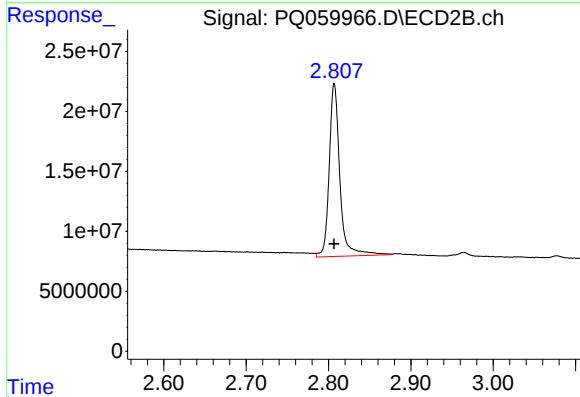
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

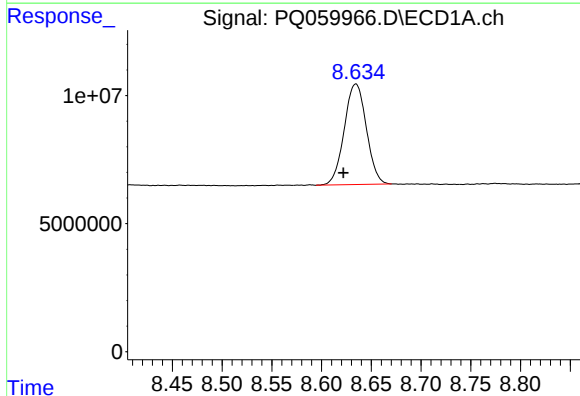
R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 160988368
Conc: 13.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



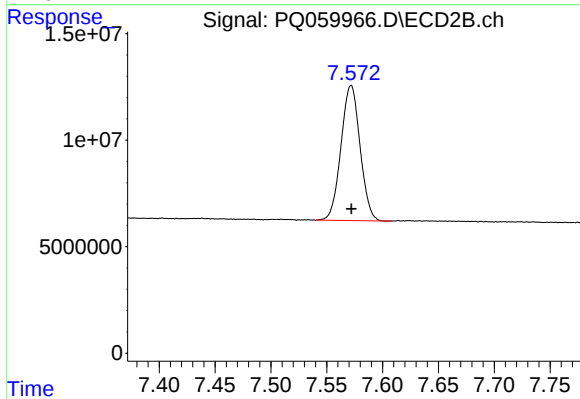
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.000 min
Response: 130254877
Conc: 16.42 ng/ml



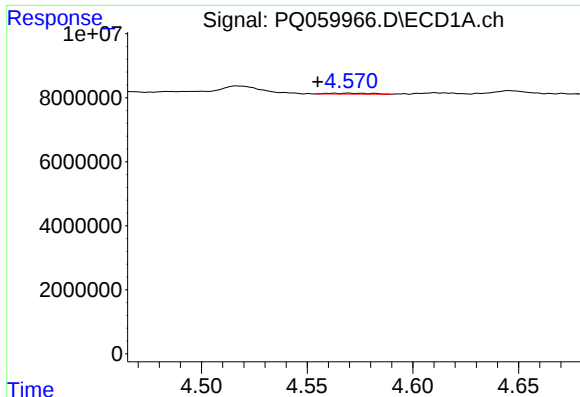
#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: 0.012 min
Response: 60774643
Conc: 8.33 ng/ml



#2 Decachlorobiphenyl

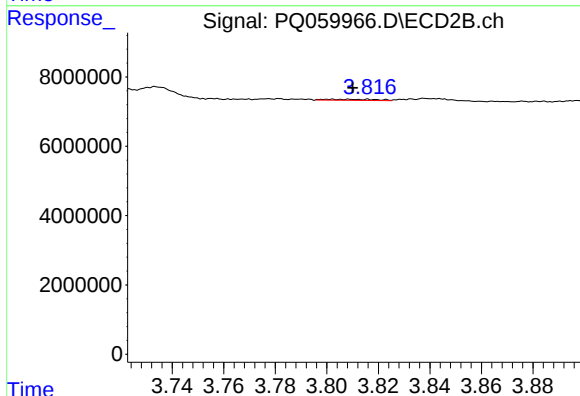
R.T.: 7.572 min
Delta R.T.: 0.000 min
Response: 75371151
Conc: 10.36 ng/ml



#3 AR-1016-1

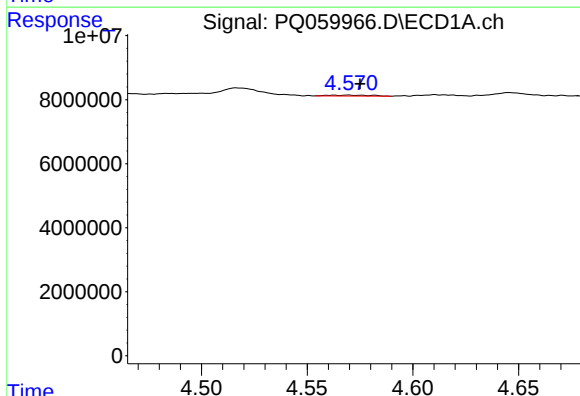
R.T.: 4.570 min
Delta R.T.: 0.015 min
Response: 368853
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



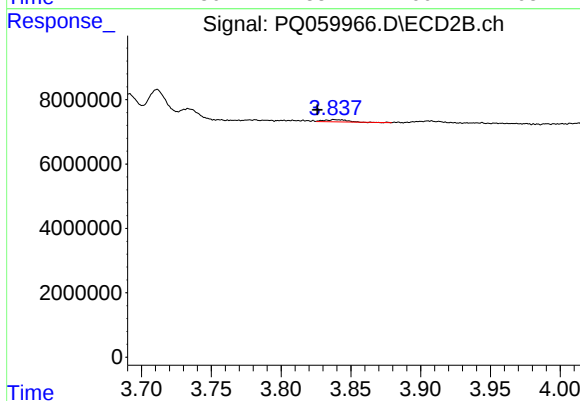
#3 AR-1016-1

R.T.: 3.801 min
Delta R.T.: -0.009 min
Response: 383497
Conc: 1.45 ng/ml



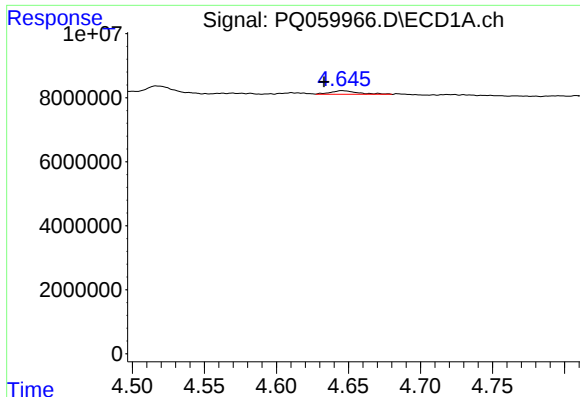
#4 AR-1016-2

R.T.: 4.570 min
Delta R.T.: -0.005 min
Response: 368853
Conc: 0.59 ng/ml



#4 AR-1016-2

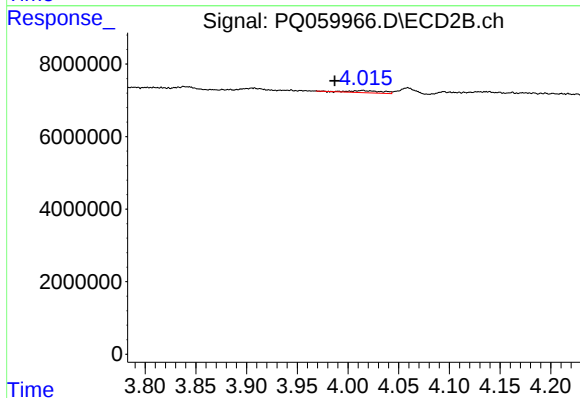
R.T.: 3.839 min
Delta R.T.: 0.013 min
Response: 795998
Conc: 2.02 ng/ml



#5 AR-1016-3

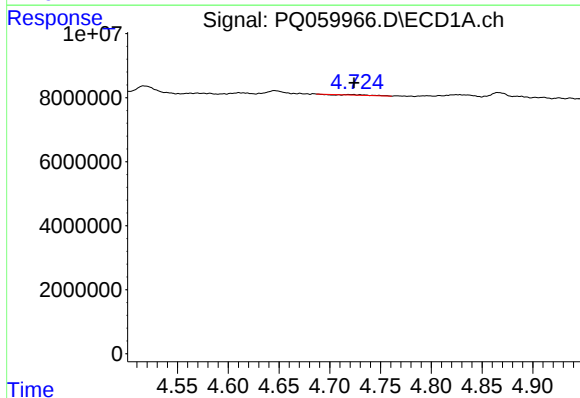
R.T.: 4.646 min
Delta R.T.: 0.013 min
Response: 1258644
Conc: 3.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



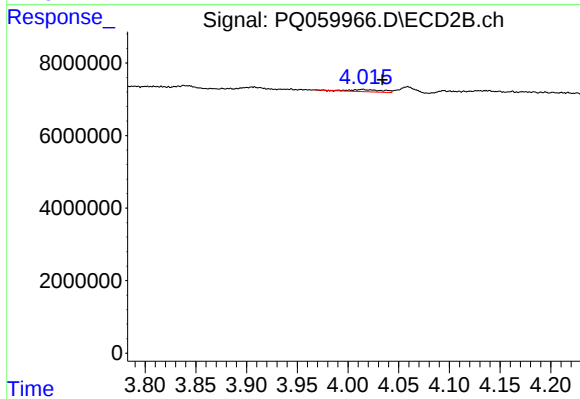
#5 AR-1016-3

R.T.: 4.015 min
Delta R.T.: 0.028 min
Response: 1373770
Conc: 6.71 ng/ml



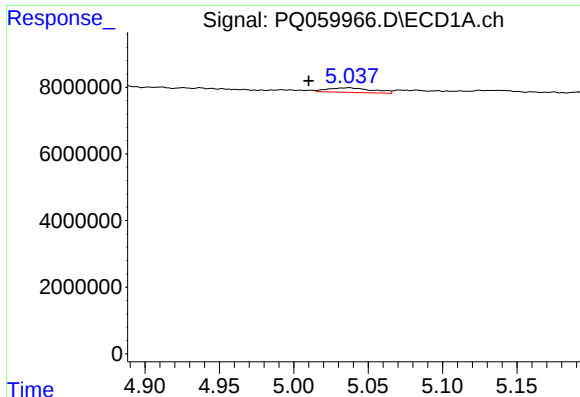
#6 AR-1016-4

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 247698
Conc: 0.77 ng/ml



#6 AR-1016-4

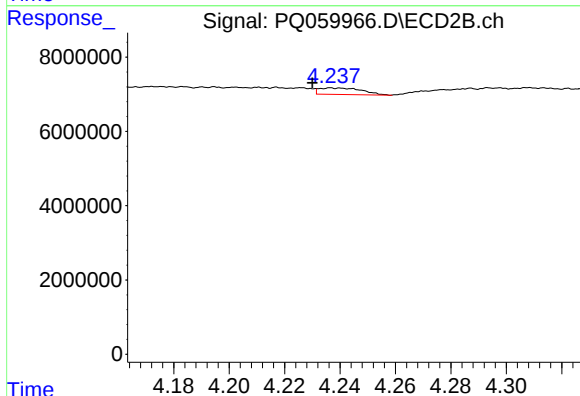
R.T.: 4.015 min
Delta R.T.: -0.019 min
Response: 1373770
Conc: 8.63 ng/ml



#7 AR-1016-5

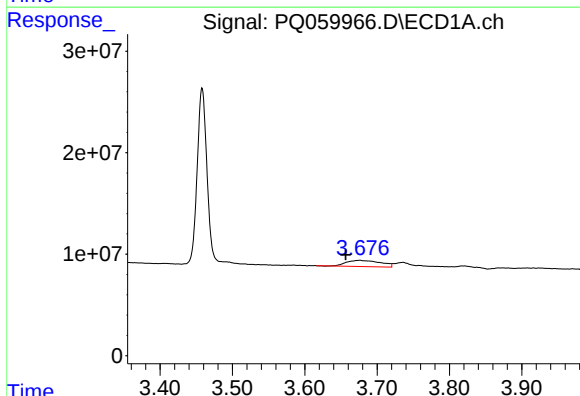
R.T.: 5.037 min
Delta R.T.: 0.027 min
Response: 2843593
Conc: 9.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



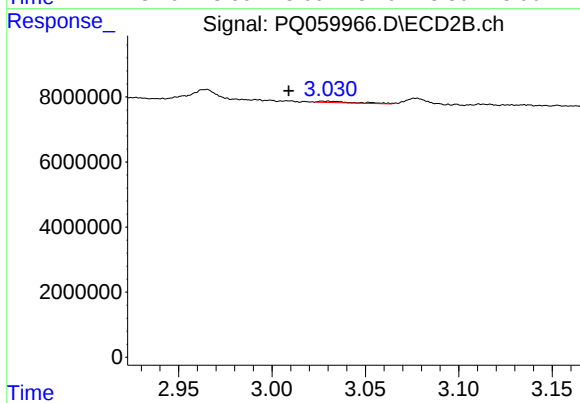
#7 AR-1016-5

R.T.: 4.237 min
Delta R.T.: 0.007 min
Response: 1903528
Conc: 9.24 ng/ml



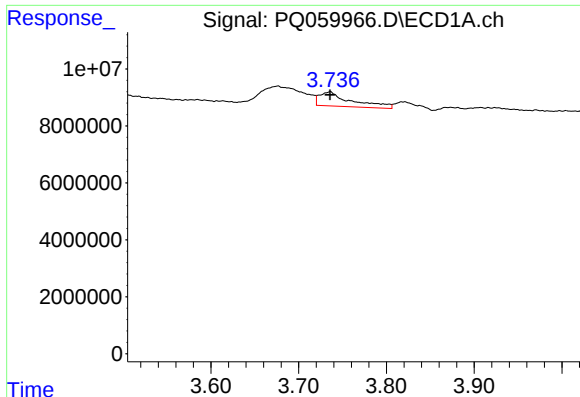
#8 AR-1221-1

R.T.: 3.676 min
Delta R.T.: 0.020 min
Response: 20404517
Conc: 140.01 ng/ml



#8 AR-1221-1

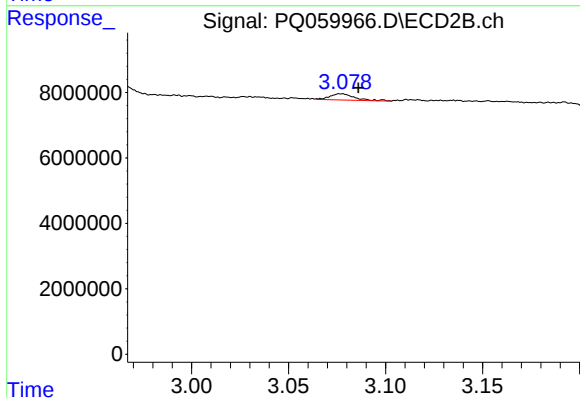
R.T.: 3.028 min
Delta R.T.: 0.019 min
Response: 535673
Conc: 5.85 ng/ml



#9 AR-1221-2

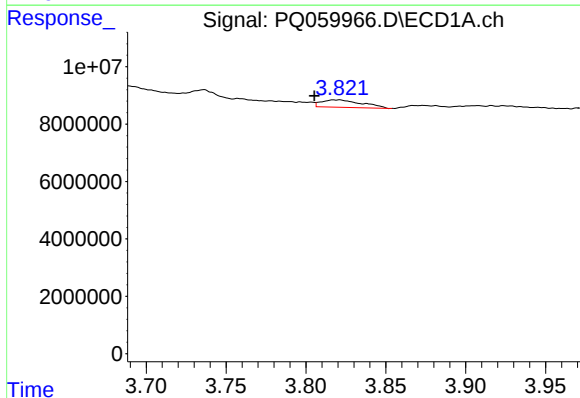
R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 12690554
Conc: 115.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



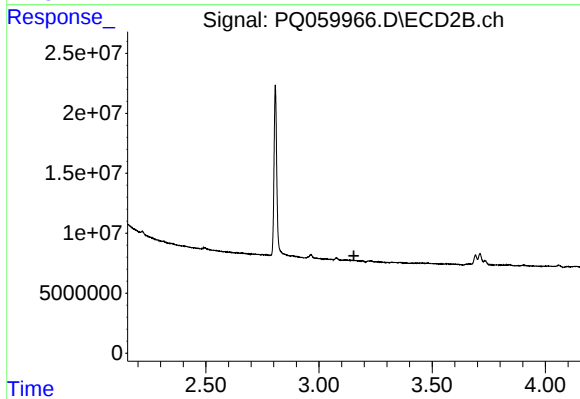
#9 AR-1221-2

R.T.: 3.077 min
Delta R.T.: -0.009 min
Response: 1770849
Conc: 25.95 ng/ml



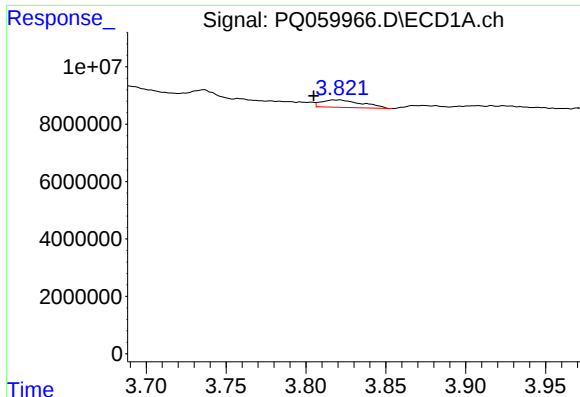
#10 AR-1221-3

R.T.: 3.820 min
Delta R.T.: 0.015 min
Response: 4515000
Conc: 13.94 ng/ml



#10 AR-1221-3

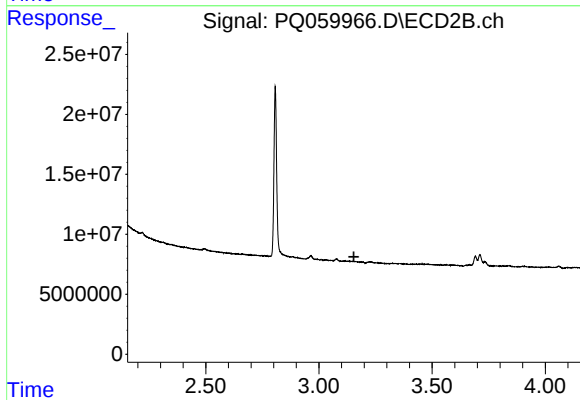
R.T.: 0.000 min
Exp R.T. : 3.154 min
Response: 0
Conc: N.D.



#11 AR-1232-1

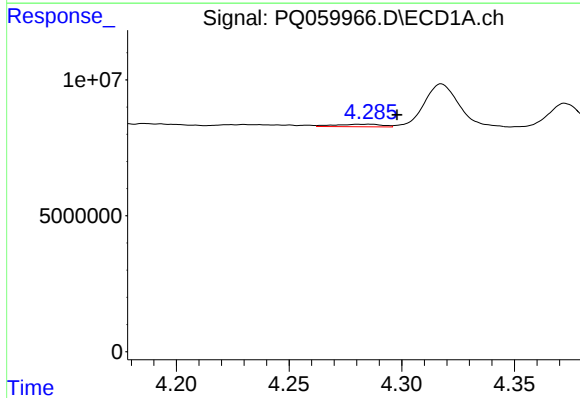
R.T.: 3.820 min
Delta R.T.: 0.015 min
Response: 4515000
Conc: 18.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



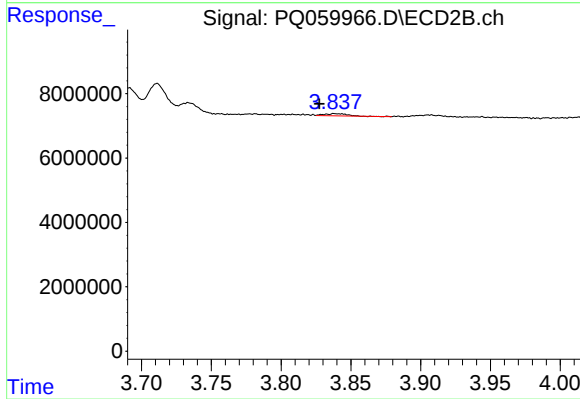
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.155 min
Response: 0
Conc: N.D.



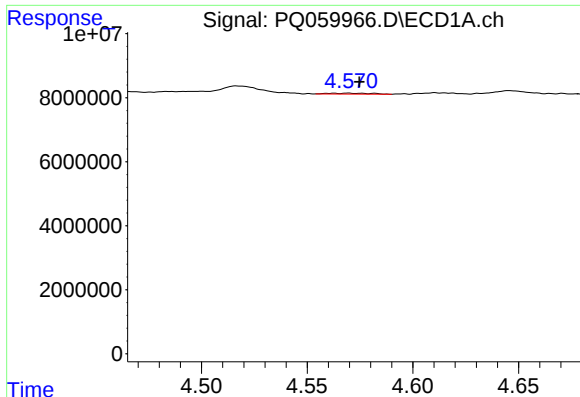
#12 AR-1232-2

R.T.: 4.286 min
Delta R.T.: -0.012 min
Response: 1377567
Conc: 9.07 ng/ml



#12 AR-1232-2

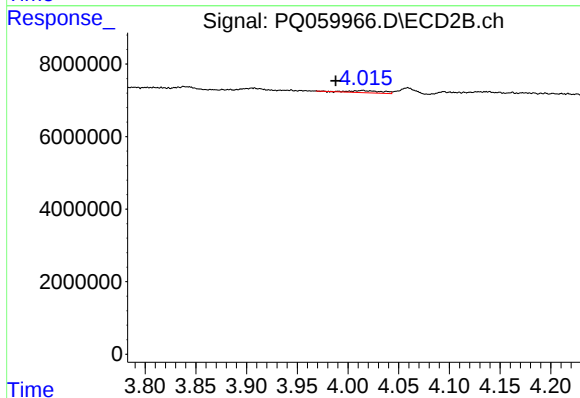
R.T.: 3.839 min
Delta R.T.: 0.011 min
Response: 795998
Conc: 4.62 ng/ml



#13 AR-1232-3

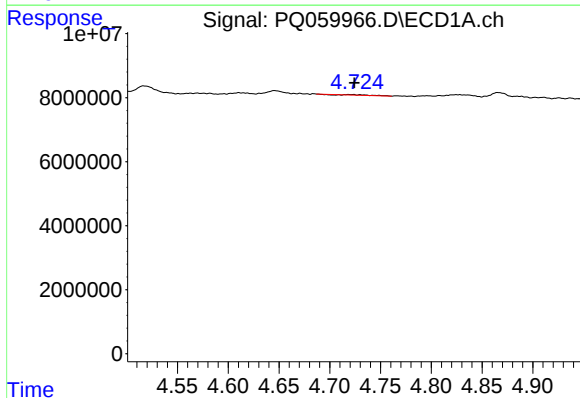
R.T.: 4.570 min
Delta R.T.: -0.005 min
Response: 368853
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



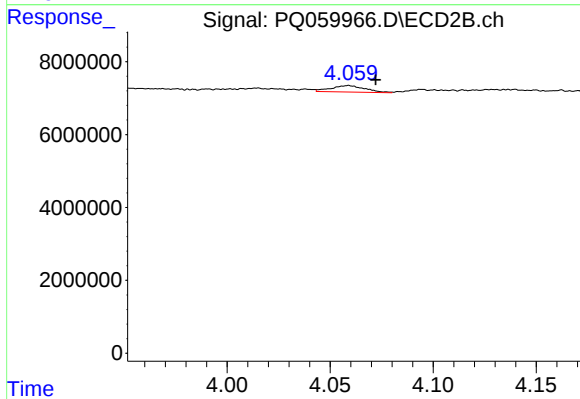
#13 AR-1232-3

R.T.: 4.015 min
Delta R.T.: 0.027 min
Response: 1373770
Conc: 15.35 ng/ml



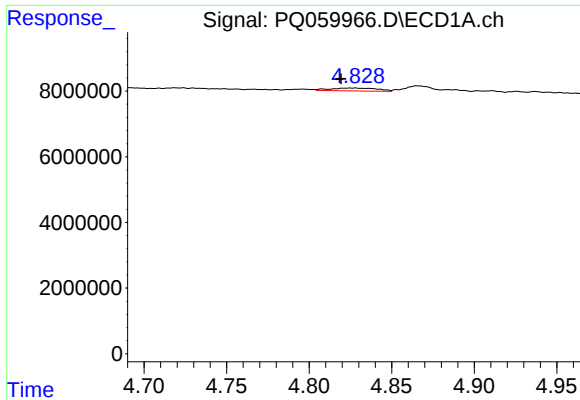
#14 AR-1232-4

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 247698
Conc: 1.75 ng/ml



#14 AR-1232-4

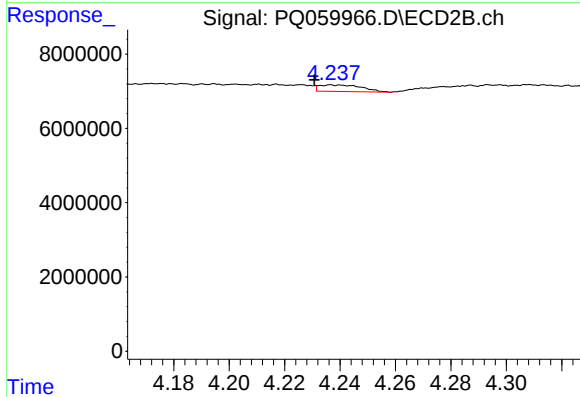
R.T.: 4.059 min
Delta R.T.: -0.013 min
Response: 2045166
Conc: 27.80 ng/ml



#15 AR-1232-5

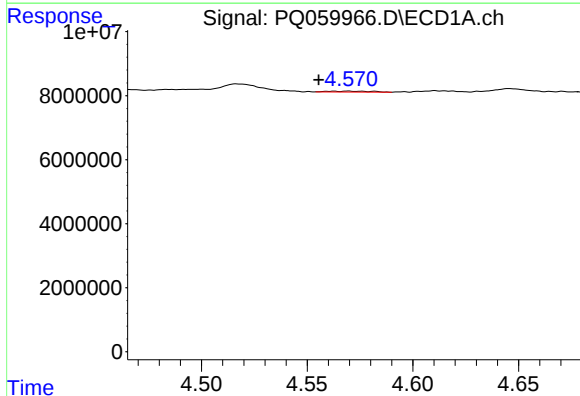
R.T.: 4.825 min
Delta R.T.: 0.006 min
Response: 1733805
Conc: 17.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



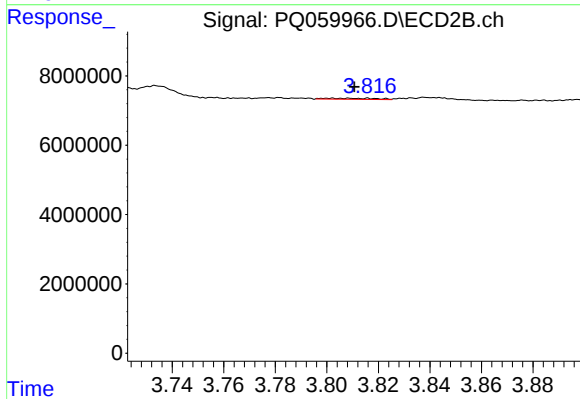
#15 AR-1232-5

R.T.: 4.237 min
Delta R.T.: 0.006 min
Response: 1903528
Conc: 21.57 ng/ml



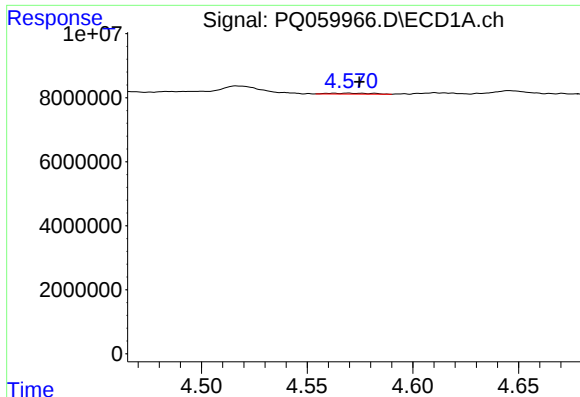
#16 AR-1242-1

R.T.: 4.570 min
Delta R.T.: 0.014 min
Response: 368853
Conc: 1.10 ng/ml



#16 AR-1242-1

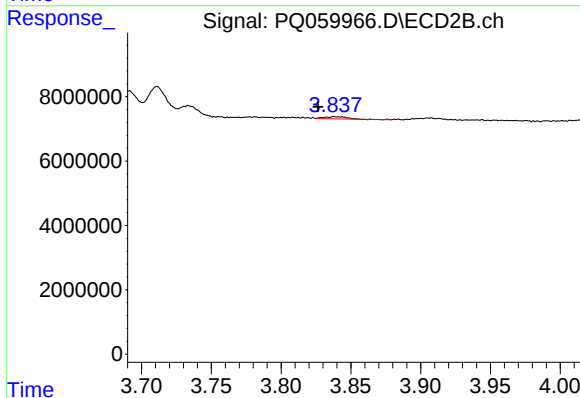
R.T.: 3.801 min
Delta R.T.: -0.010 min
Response: 383497
Conc: 1.86 ng/ml



#17 AR-1242-2

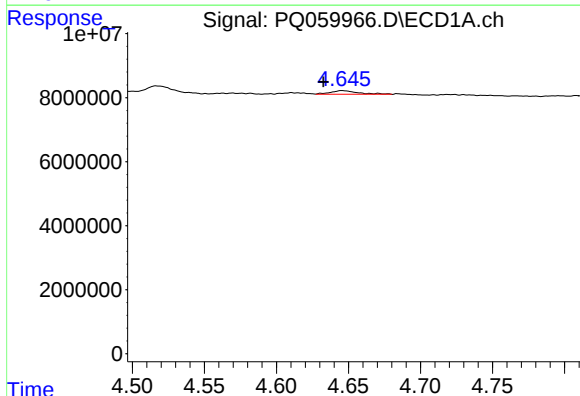
R.T.: 4.570 min
Delta R.T.: -0.005 min
Response: 368853
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



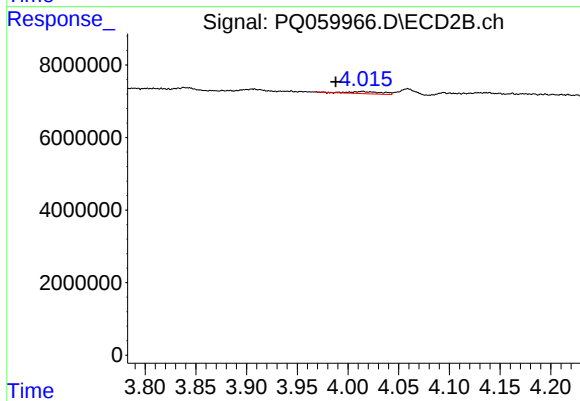
#17 AR-1242-2

R.T.: 3.839 min
Delta R.T.: 0.012 min
Response: 795998
Conc: 2.59 ng/ml



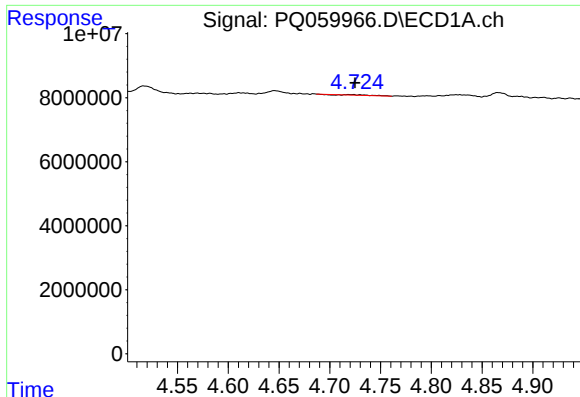
#18 AR-1242-3

R.T.: 4.646 min
Delta R.T.: 0.013 min
Response: 1258644
Conc: 4.19 ng/ml



#18 AR-1242-3

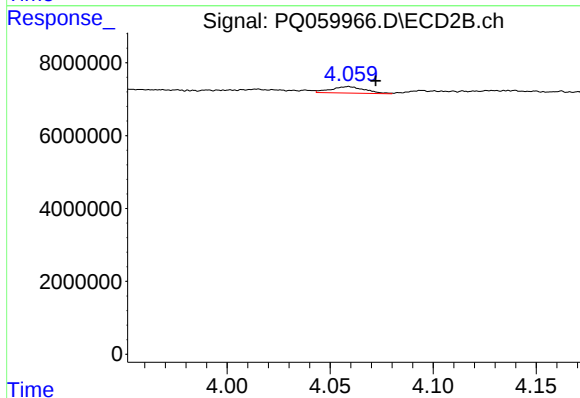
R.T.: 4.015 min
Delta R.T.: 0.027 min
Response: 1373770
Conc: 8.61 ng/ml



#19 AR-1242-4

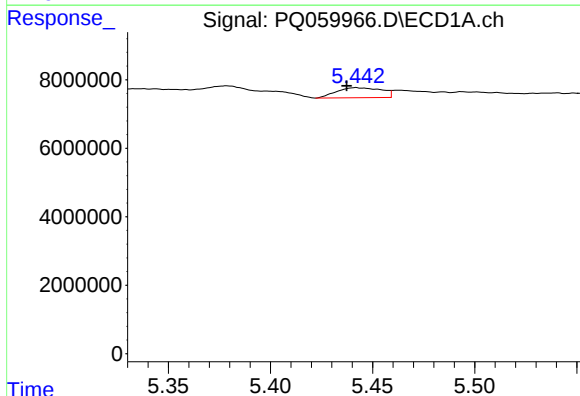
R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 247698
Conc: 0.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



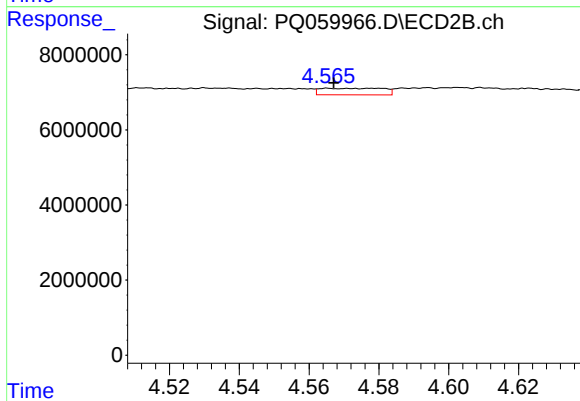
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.013 min
Response: 2045166
Conc: 13.95 ng/ml



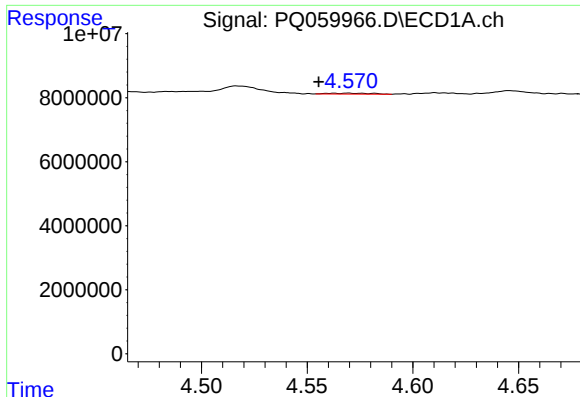
#20 AR-1242-5

R.T.: 5.442 min
Delta R.T.: 0.005 min
Response: 4508973
Conc: 16.95 ng/ml



#20 AR-1242-5

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 2182043
Conc: 10.64 ng/ml



#21 AR-1248-1

R.T.: 4.570 min
Delta R.T.: 0.014 min
Response: 368853
Conc: 1.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :

#21 AR-1248-1

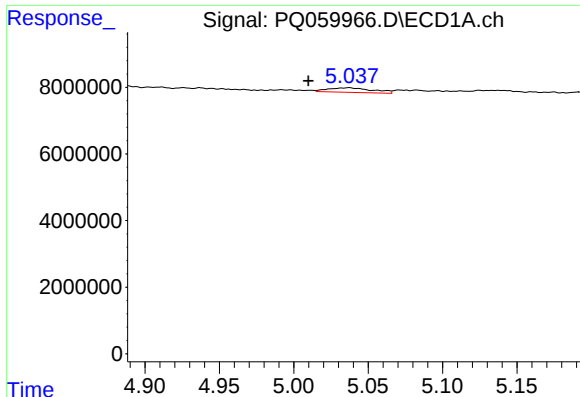
R.T.: 3.801 min
Delta R.T.: -0.010 min
Response: 383497
Conc: 2.42 ng/ml

#22 AR-1248-2

R.T.: 4.825 min
Delta R.T.: 0.006 min
Response: 1733805
Conc: 5.30 ng/ml

#22 AR-1248-2

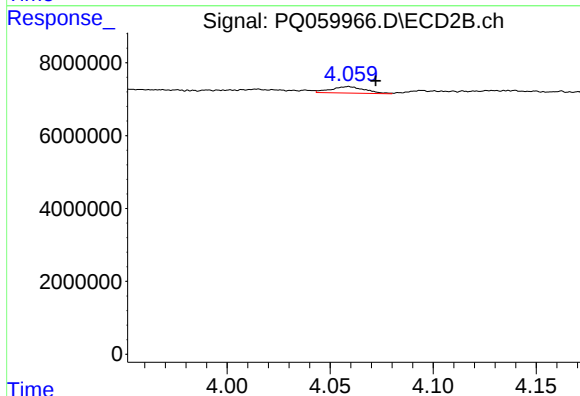
R.T.: 4.015 min
Delta R.T.: -0.020 min
Response: 1373770
Conc: 6.37 ng/ml



#23 AR-1248-3

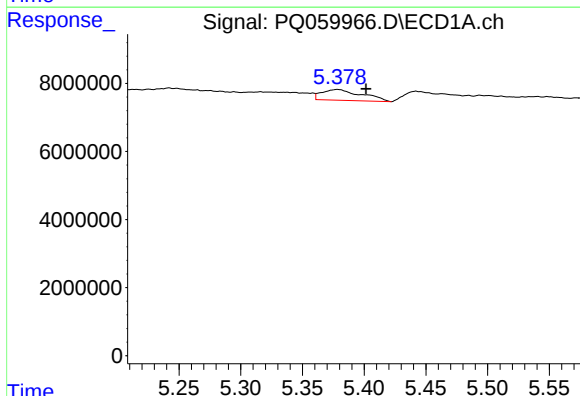
R.T.: 5.037 min
Delta R.T.: 0.027 min
Response: 2843593
Conc: 7.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



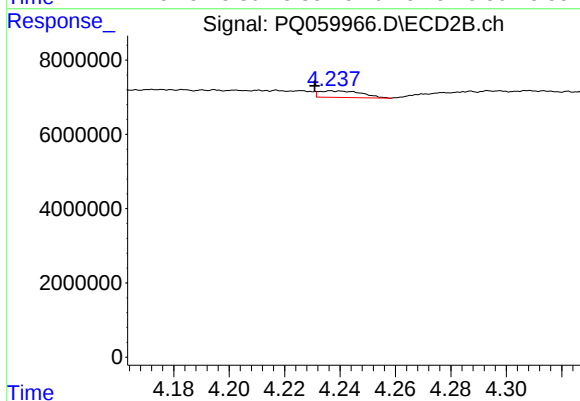
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.013 min
Response: 2045166
Conc: 9.72 ng/ml



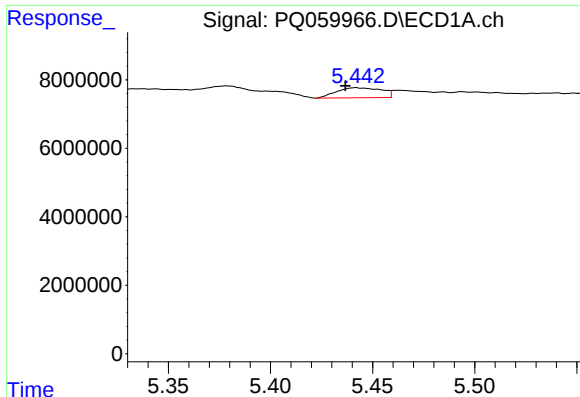
#24 AR-1248-4

R.T.: 5.378 min
Delta R.T.: -0.023 min
Response: 7091729
Conc: 16.02 ng/ml



#24 AR-1248-4

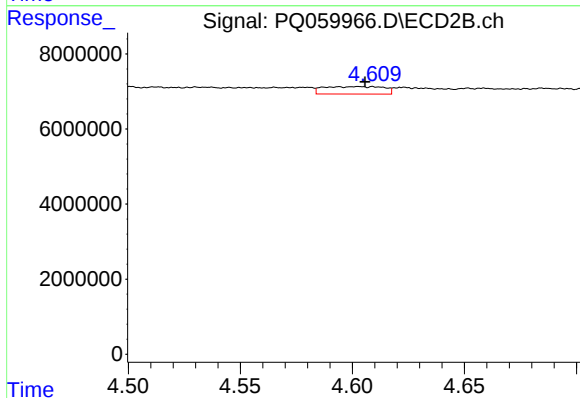
R.T.: 4.237 min
Delta R.T.: 0.006 min
Response: 1903528
Conc: 7.15 ng/ml



#25 AR-1248-5

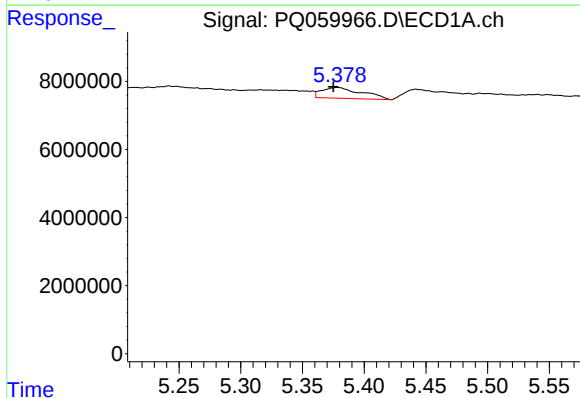
R.T.: 5.442 min
Delta R.T.: 0.005 min
Response: 4508973
Conc: 10.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



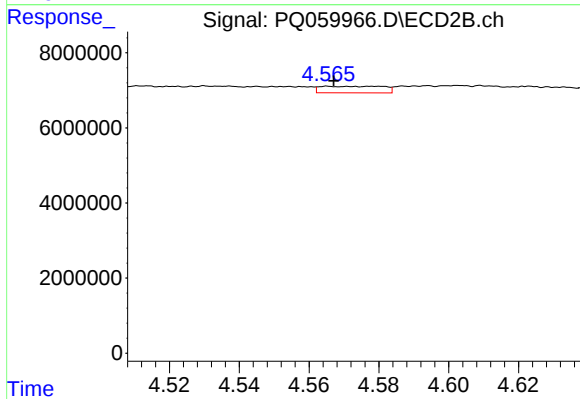
#25 AR-1248-5

R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 3707040
Conc: 14.13 ng/ml



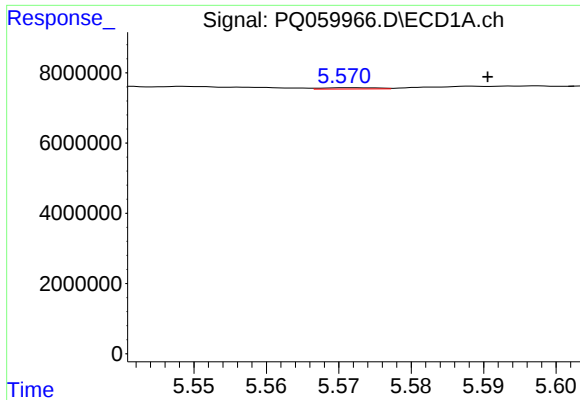
#26 AR-1254-1

R.T.: 5.378 min
Delta R.T.: 0.003 min
Response: 7091729
Conc: 15.69 ng/ml



#26 AR-1254-1

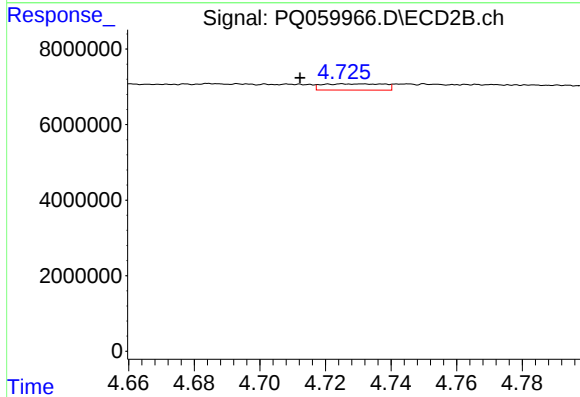
R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 2182043
Conc: 5.36 ng/ml



#27 AR-1254-2

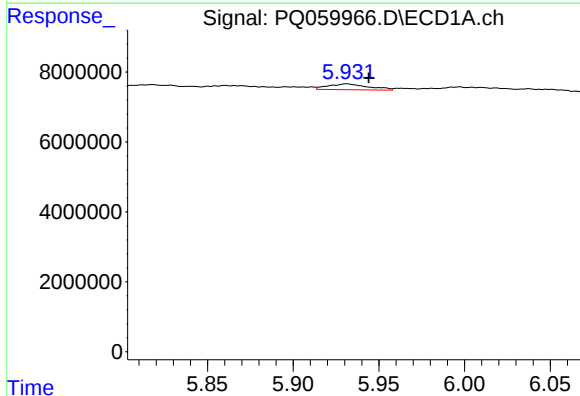
R.T.: 5.572 min
Delta R.T.: -0.019 min
Response: 197669
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



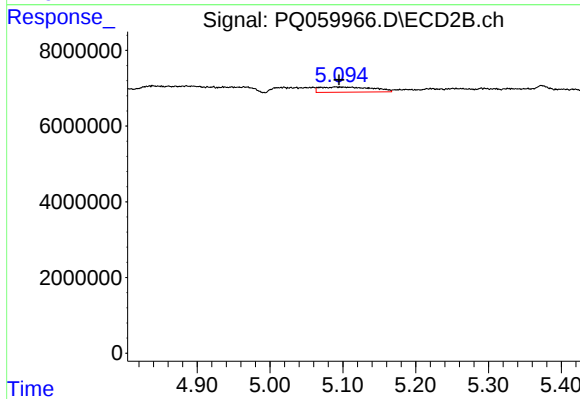
#27 AR-1254-2

R.T.: 4.726 min
Delta R.T.: 0.013 min
Response: 2144290
Conc: 5.96 ng/ml



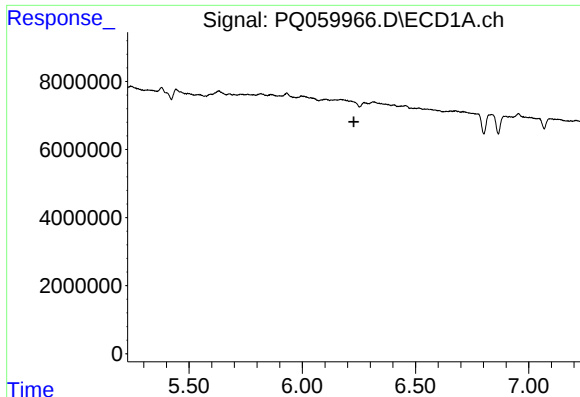
#28 AR-1254-3

R.T.: 5.931 min
Delta R.T.: -0.013 min
Response: 2706341
Conc: 3.71 ng/ml



#28 AR-1254-3

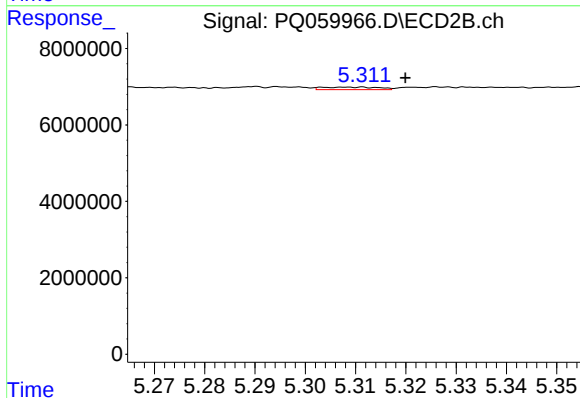
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 6911790
Conc: 12.04 ng/ml



#29 AR-1254-4

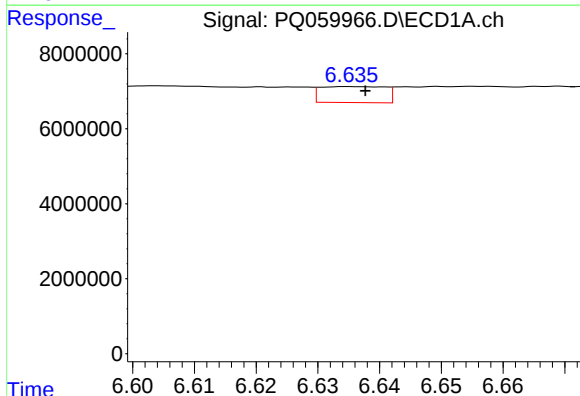
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



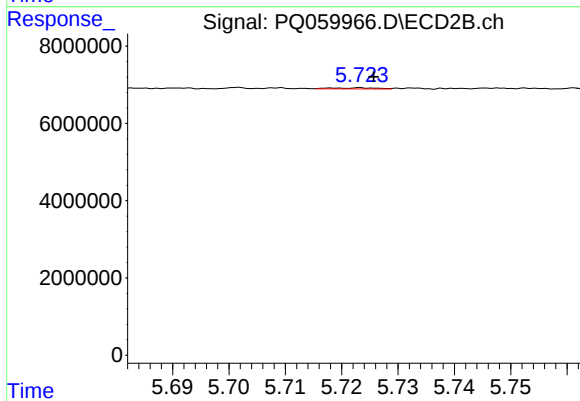
#29 AR-1254-4

R.T.: 5.309 min
Delta R.T.: -0.011 min
Response: 522740
Conc: 1.43 ng/ml



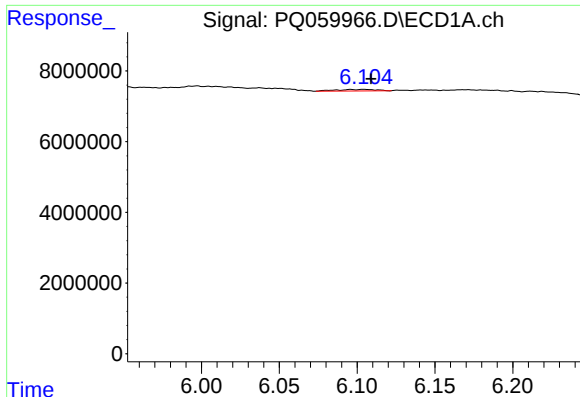
#30 AR-1254-5

R.T.: 6.635 min
Delta R.T.: -0.002 min
Response: 3114856
Conc: 5.24 ng/ml



#30 AR-1254-5

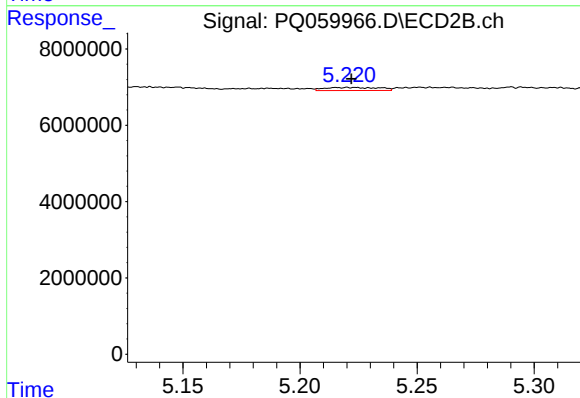
R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 169300
Conc: 0.32 ng/ml



#31 AR-1260-1

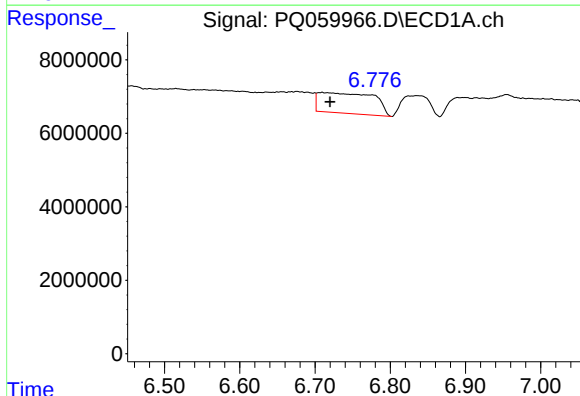
R.T.: 6.096 min
Delta R.T.: -0.013 min
Response: 786544
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



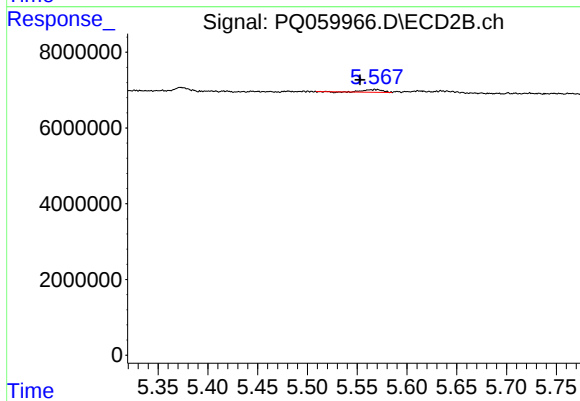
#31 AR-1260-1

R.T.: 5.223 min
Delta R.T.: 0.001 min
Response: 1294677
Conc: 3.27 ng/ml



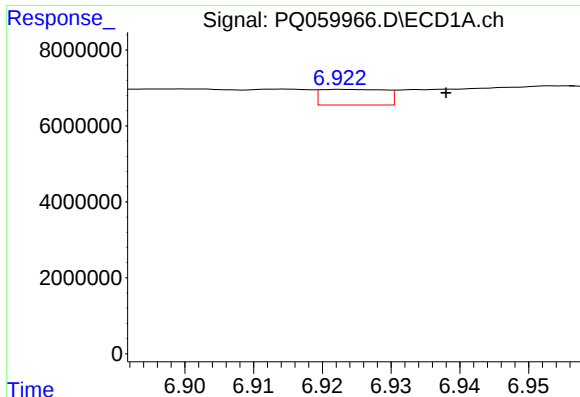
#33 AR-1260-3

R.T.: 6.709 min
Delta R.T.: -0.011 min
Response: 28397462
Conc: 66.70 ng/ml



#33 AR-1260-3

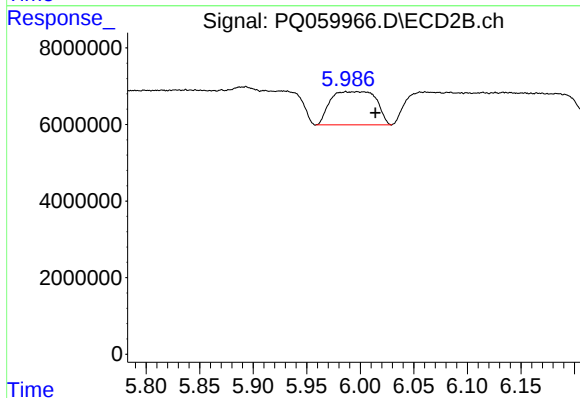
R.T.: 5.569 min
Delta R.T.: 0.016 min
Response: 939936
Conc: 2.03 ng/ml



#34 AR-1260-4

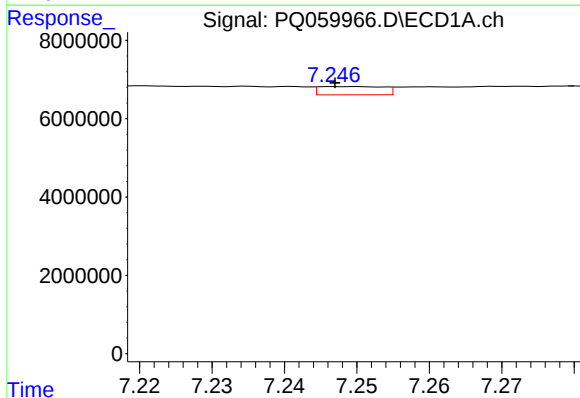
R.T.: 6.923 min
Delta R.T.: -0.015 min
Response: 2676333
Conc: 5.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



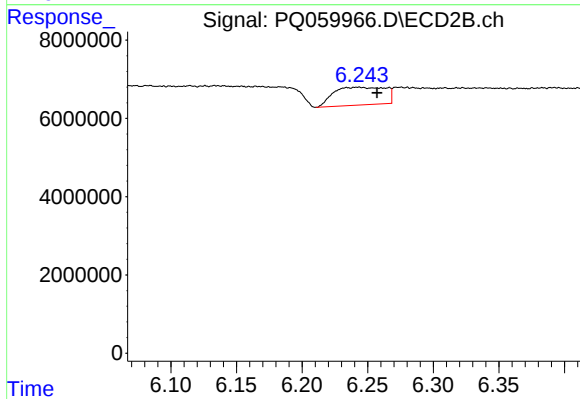
#34 AR-1260-4

R.T.: 5.987 min
Delta R.T.: -0.027 min
Response: 25728284
Conc: 75.22 ng/ml



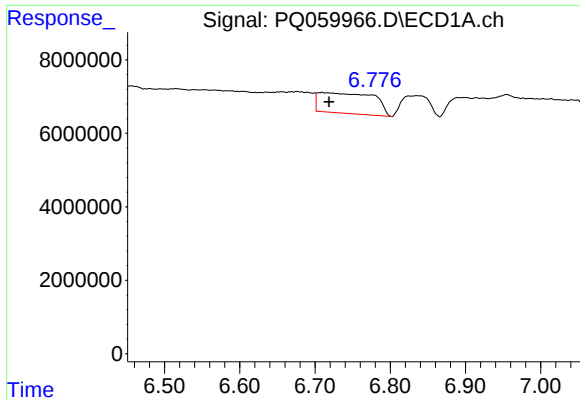
#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: 0.001 min
Response: 1293862
Conc: 1.32 ng/ml



#35 AR-1260-5

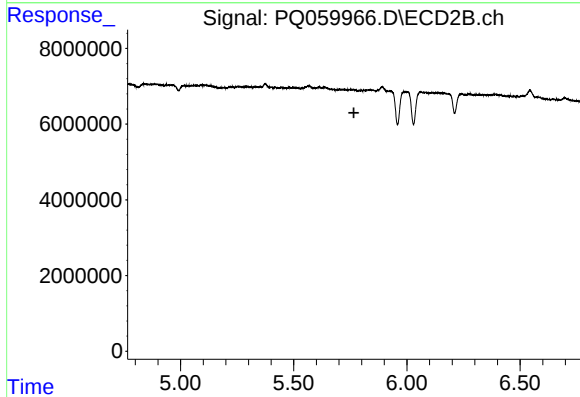
R.T.: 6.243 min
Delta R.T.: -0.014 min
Response: 12460722
Conc: 14.99 ng/ml



#36 AR-1262-1

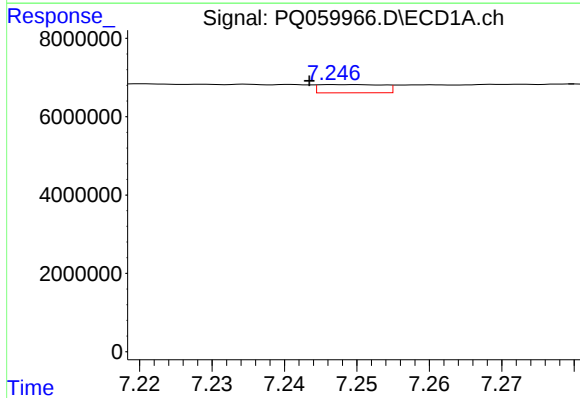
R.T.: 6.709 min
Delta R.T.: -0.009 min
Response: 28397462
Conc: 42.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



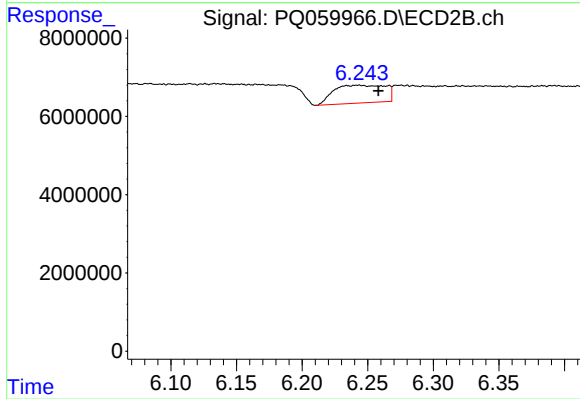
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 5.766 min
Response: 0
Conc: N.D.



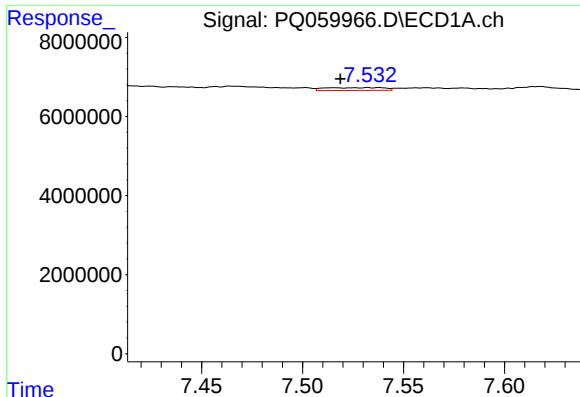
#37 AR-1262-2

R.T.: 7.248 min
Delta R.T.: 0.005 min
Response: 1293862
Conc: 1.16 ng/ml



#37 AR-1262-2

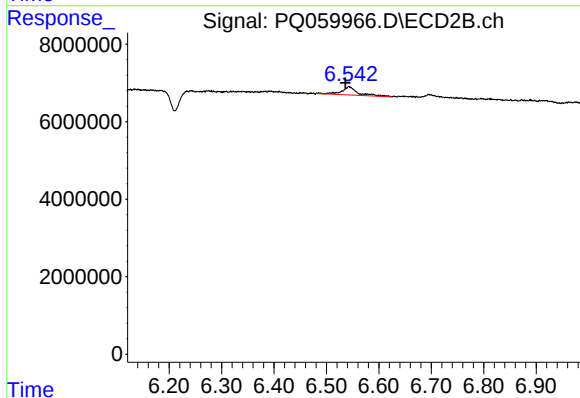
R.T.: 6.243 min
Delta R.T.: -0.015 min
Response: 12460722
Conc: 13.14 ng/ml



#38 AR-1262-3

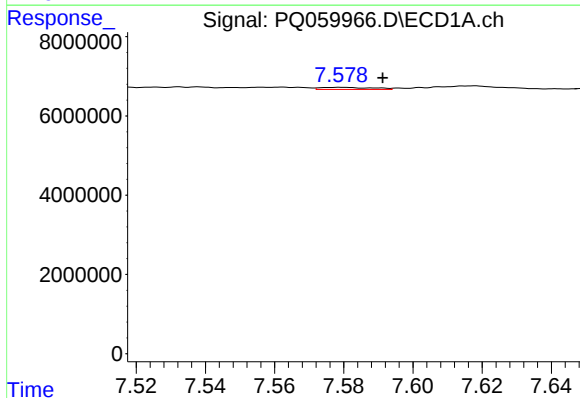
R.T.: 7.532 min
Delta R.T.: 0.014 min
Response: 1471516
Conc: 2.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



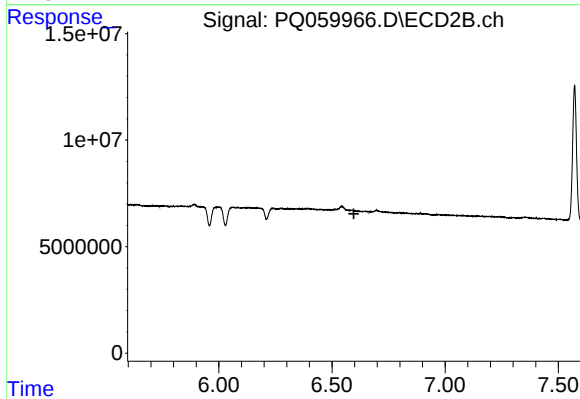
#38 AR-1262-3

R.T.: 6.543 min
Delta R.T.: 0.007 min
Response: 4480619
Conc: 12.11 ng/ml



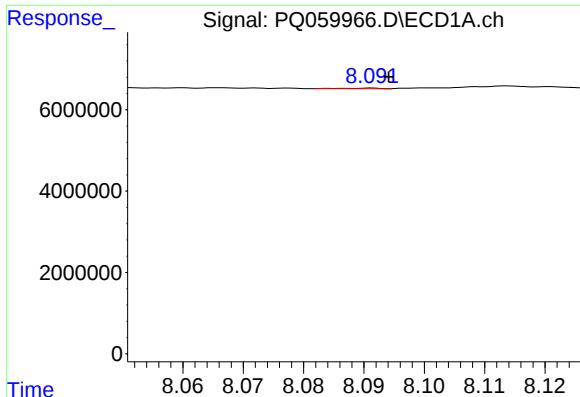
#39 AR-1262-4

R.T.: 7.579 min
Delta R.T.: -0.012 min
Response: 552139
Conc: 0.99 ng/ml



#39 AR-1262-4

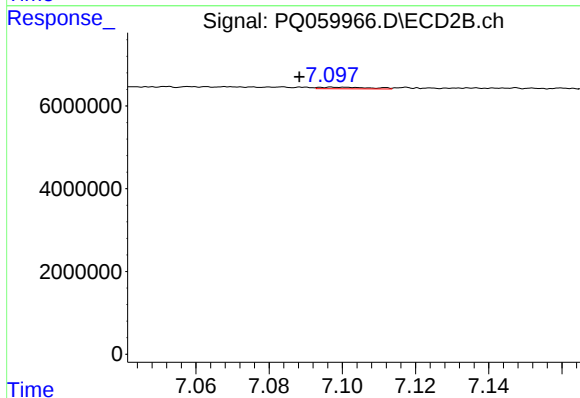
R.T.: 0.000 min
Exp R.T. : 6.597 min
Response: 0
Conc: N.D.



#40 AR-1262-5

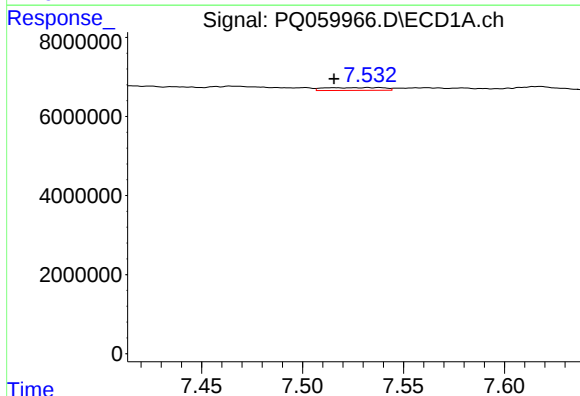
R.T.: 8.091 min
Delta R.T.: -0.003 min
Response: 64826
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



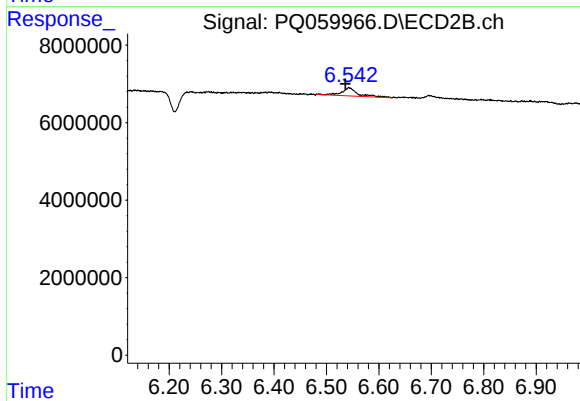
#40 AR-1262-5

R.T.: 7.098 min
Delta R.T.: 0.009 min
Response: 357370
Conc: 1.07 ng/ml



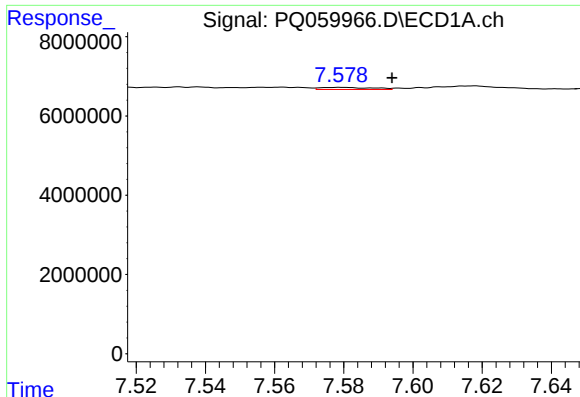
#41 AR-1268-1

R.T.: 7.532 min
Delta R.T.: 0.017 min
Response: 1471516
Conc: 1.17 ng/ml



#41 AR-1268-1

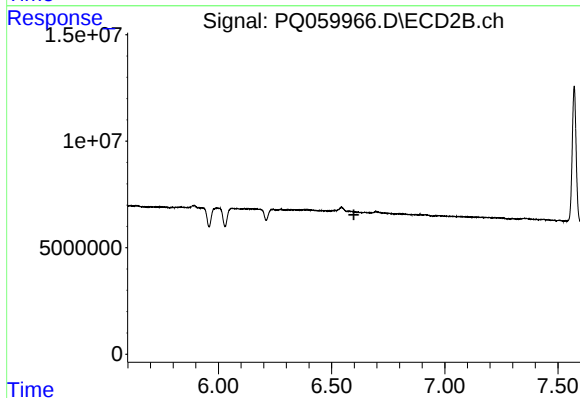
R.T.: 6.543 min
Delta R.T.: 0.007 min
Response: 4480619
Conc: 4.05 ng/ml



#42 AR-1268-2

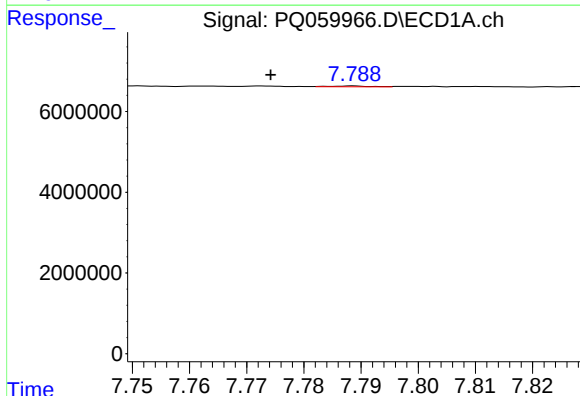
R.T.: 7.579 min
Delta R.T.: -0.015 min
Response: 552139
Conc: 0.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



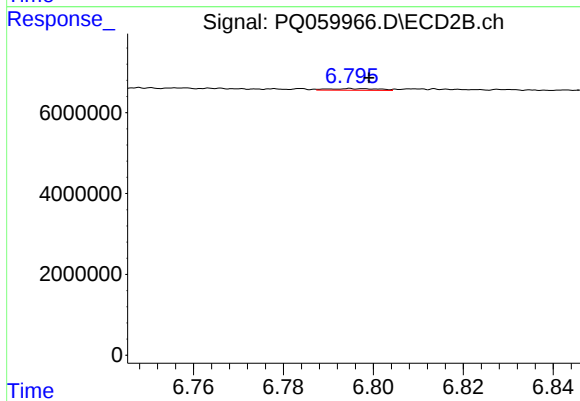
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 6.598 min
Response: 0
Conc: N.D.



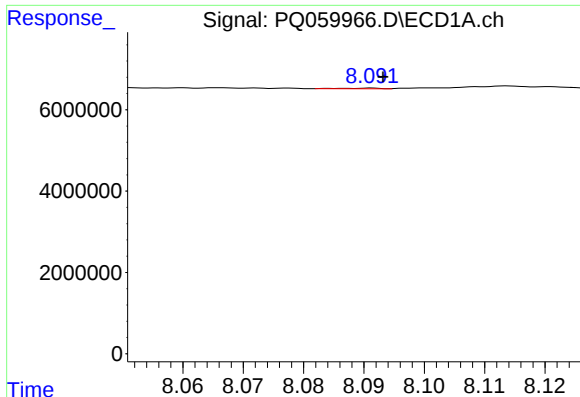
#43 AR-1268-3

R.T.: 7.789 min
Delta R.T.: 0.014 min
Response: 99039
Conc: 0.11 ng/ml



#43 AR-1268-3

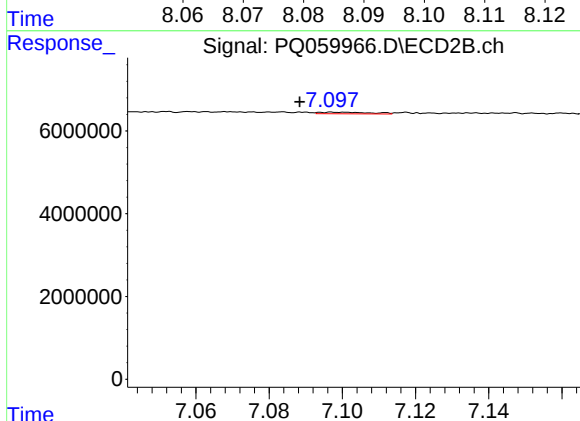
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 316640
Conc: 0.36 ng/ml



#44 AR-1268-4

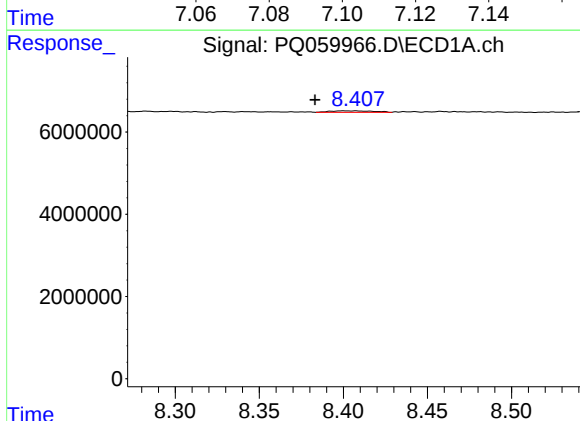
R.T.: 8.091 min
Delta R.T.: -0.002 min
Response: 64826
Conc: 0.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



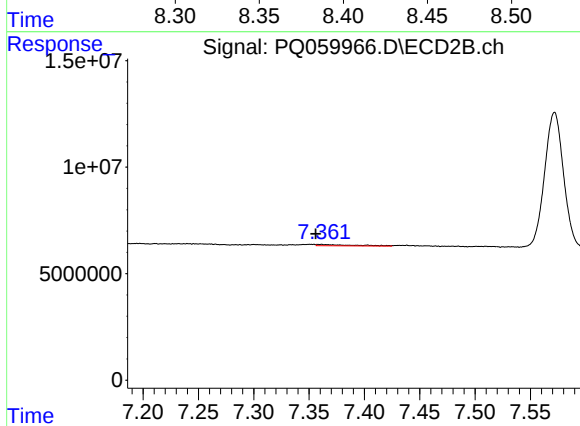
#44 AR-1268-4

R.T.: 7.098 min
Delta R.T.: 0.009 min
Response: 357370
Conc: 0.95 ng/ml



#45 AR-1268-5

R.T.: 8.400 min
Delta R.T.: 0.017 min
Response: 647976
Conc: 0.25 ng/ml



#45 AR-1268-5

R.T.: 7.360 min
Delta R.T.: 0.004 min
Response: 1436906
Conc: 0.52 ng/ml