

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055257.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 06:11
 Operator : AJ\MA
 Sample : M4068-09
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 07:09:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 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...	5.245	4.319	286.2E6	173.4E6	16.277	16.860
2)	SA Decachlor...	11.435	9.723	304.3E6	159.2E6	19.290	17.784
Target Compounds							
3)	L1 AR-1016-1	6.568	5.591	5398053	2468676	9.155	6.886
4)	L1 AR-1016-2	6.594	5.612	7528185	4299916	8.375	8.352
5)	L1 AR-1016-3	6.659	5.806	4671270	1800707	8.319	6.724
6)	L1 AR-1016-4	6.766	5.835f	3503609	12547723	7.337	57.844 #
7)	L1 AR-1016-5	7.081	6.088	3391990	1464620	7.782	5.350 #
8)	L2 AR-1221-1	5.496	4.579	17918116	2404018	85.955	22.288 #
9)	L2 AR-1221-2	5.597	4.679	9276156	3794013	53.012	48.958
10)	L2 AR-1221-3	5.680	4.771	12194628	4128602	27.115	16.032 #
11)	L3 AR-1232-1	5.680	4.771	12194628	4128602	32.118	18.996 #
12)	L3 AR-1232-2	6.272	5.612	4462889	4299916	22.351	20.410
13)	L3 AR-1232-3	6.594	5.806	7528185	1800707	19.765	16.407
14)	L3 AR-1232-4	6.766	5.901	3503609	2810092	17.110	28.948 #
15)	L3 AR-1232-5	6.865	6.088	2987241	1464620	21.484	14.211 #
16)	L4 AR-1242-1	6.568	5.591	5398053	2468676	12.345	9.267
17)	L4 AR-1242-2	6.594	5.612	7528185	4299916	11.212	11.102
18)	L4 AR-1242-3	6.659	5.806	4671270	1800707	11.044	8.930
19)	L4 AR-1242-4	6.766	5.901	3503609	2810092	9.830	14.354 #
20)	L4 AR-1242-5	7.550	6.468	5087121	2439868	13.927	9.676 #
21)	L5 AR-1248-1	6.568	5.591	5398053	2468676	15.872	12.334
22)	L5 AR-1248-2	6.865	5.835f	2987241	12547723	6.518	44.627 #
23)	L5 AR-1248-3	7.081	5.901	3391990	2810092	6.290	9.605 #
24)	L5 AR-1248-4	7.510	6.088	3524258	1464620	5.808	4.207 #
25)	L5 AR-1248-5	7.550	6.513	5087121	2216820	8.312	6.371
26)	L6 AR-1254-1	7.481	6.468	3401444	2439868	5.794	4.411
27)	L6 AR-1254-2	7.717	6.625	5238872	2258194	5.780	4.772
28)	L6 AR-1254-3	8.106	7.054	12914071	1806077	12.687	2.300 #
29)	L6 AR-1254-4	8.409f	7.301	27288042	3129810	36.269	6.559 #
30)	L6 AR-1254-5	0.000	7.742	0	71313	N.D.	0.107 #
31)	L7 AR-1260-1	0.000	7.224f	0	2738004	N.D.	5.462 #
32)	L7 AR-1260-2	8.534	7.398	8556845	5059599	10.311	8.367
33)	L7 AR-1260-3	0.000	7.565	0	214657	N.D.	0.376 #
34)	L7 AR-1260-4	0.000	8.042	0	562127	N.D.	1.186 #
35)	L7 AR-1260-5	0.000	8.292	0	329442	N.D.	0.285 #
36)	L8 AR-1262-1	0.000	7.742	0	71313	N.D.	0.210 #
37)	L8 AR-1262-2	0.000	8.292	0	329442	N.D.	0.267 #
38)	L8 AR-1262-3	0.000	8.593f	0	11230082	N.D.	24.297 #
40)	L8 AR-1262-5	0.000	9.149	0	7207069	N.D.	17.947 #
41)	L9 AR-1268-1	0.000	8.593f	0	11230082	N.D.	7.937 #
43)	L9 AR-1268-3	0.000	8.838	0	7823589	N.D.	7.152 #

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Integration File signal 1: autoint1.e
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 Quant Time: Dec 01 07:09:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
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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
44) L9	AR-1268-4	0.000	9.149	0	7207069	N.D.	15.953 #
45) L9	AR-1268-5	0.000	9.451	0	795686	N.D.	0.225 #

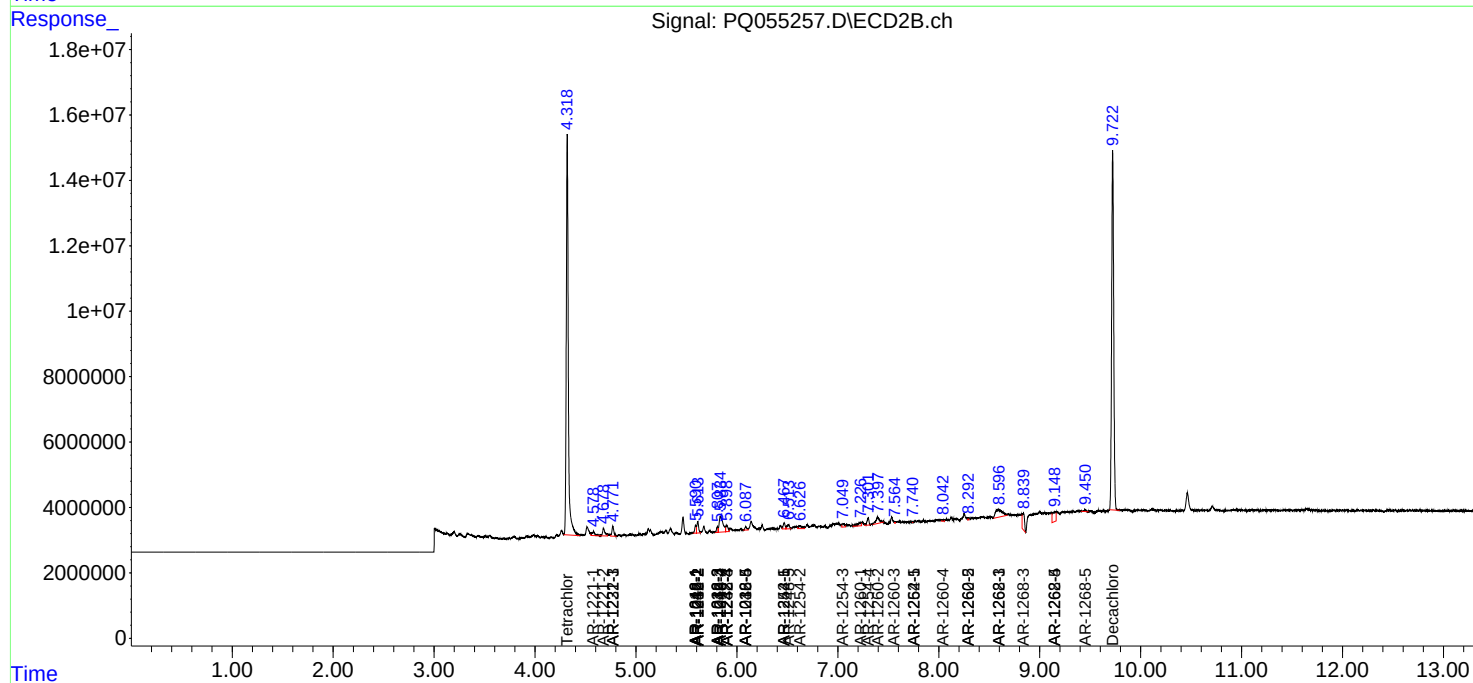
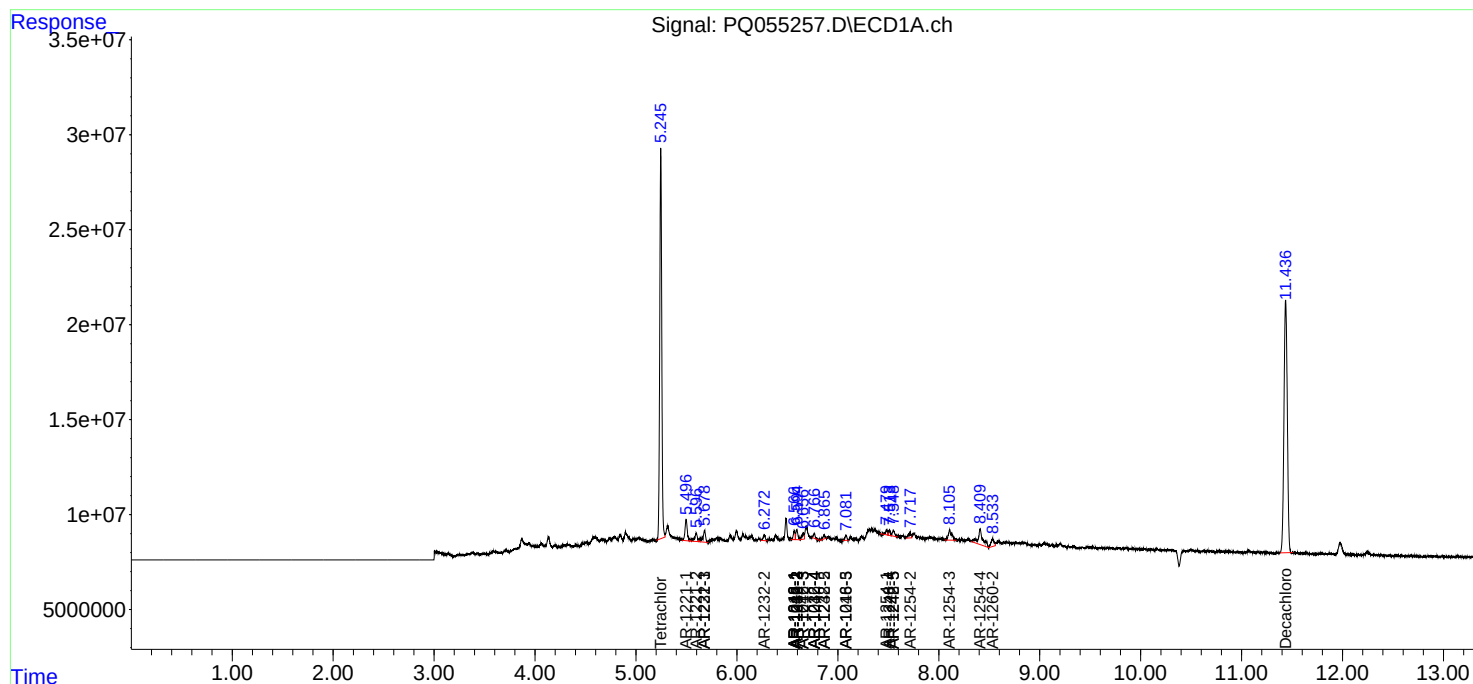
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

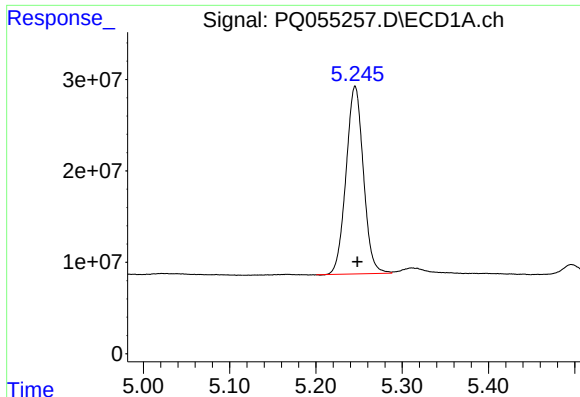
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
Data File : PQ055257.D
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

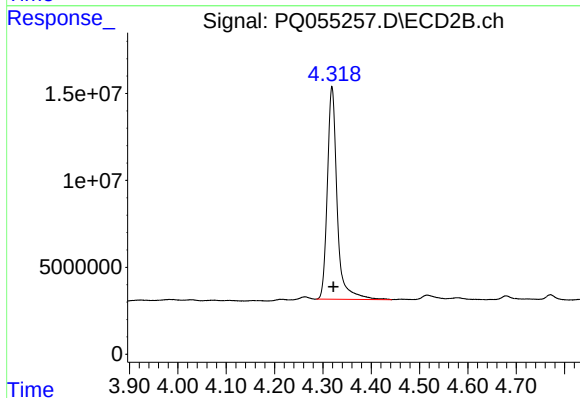




#1 Tetrachloro-m-xylene

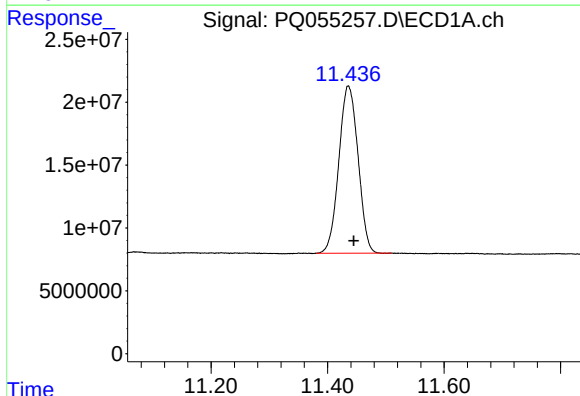
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 286176902
Conc: 16.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



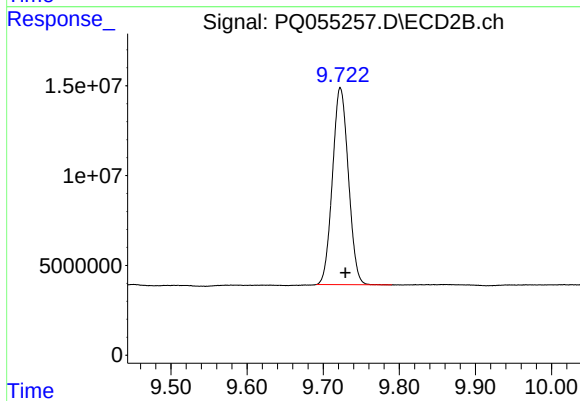
#1 Tetrachloro-m-xylene

R.T.: 4.319 min
Delta R.T.: -0.003 min
Response: 173372250
Conc: 16.86 ng/ml



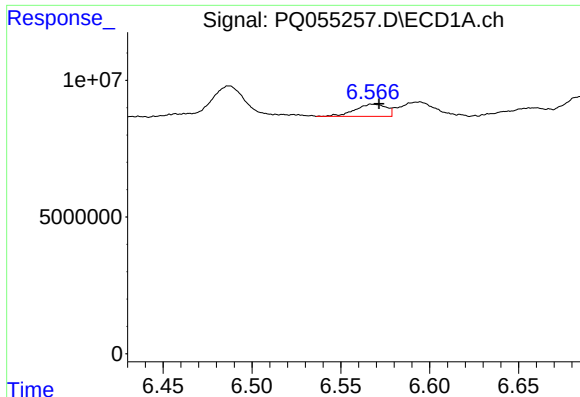
#2 Decachlorobiphenyl

R.T.: 11.435 min
Delta R.T.: -0.010 min
Response: 304260125
Conc: 19.29 ng/ml



#2 Decachlorobiphenyl

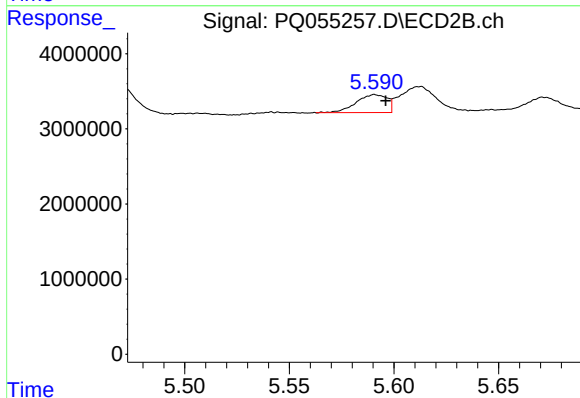
R.T.: 9.723 min
Delta R.T.: -0.007 min
Response: 159243134
Conc: 17.78 ng/ml



#3 AR-1016-1

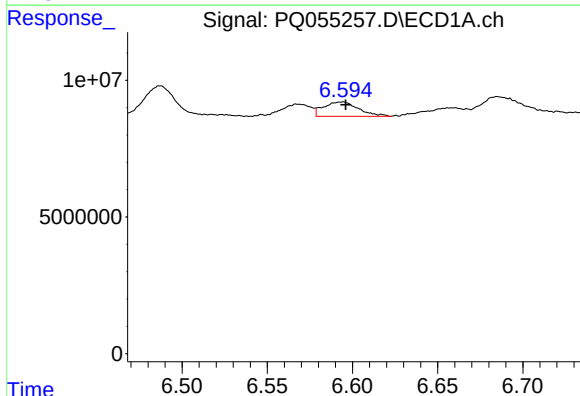
R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 5398053
Conc: 9.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



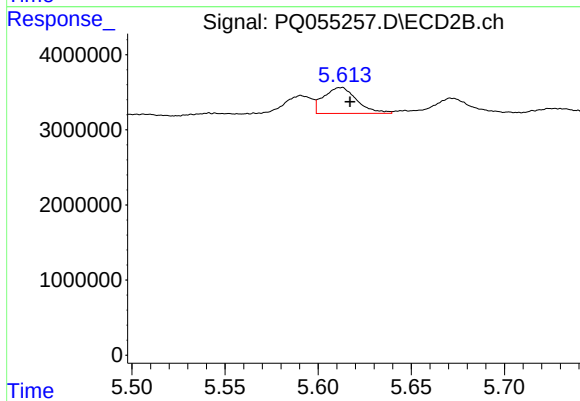
#3 AR-1016-1

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 2468676
Conc: 6.89 ng/ml



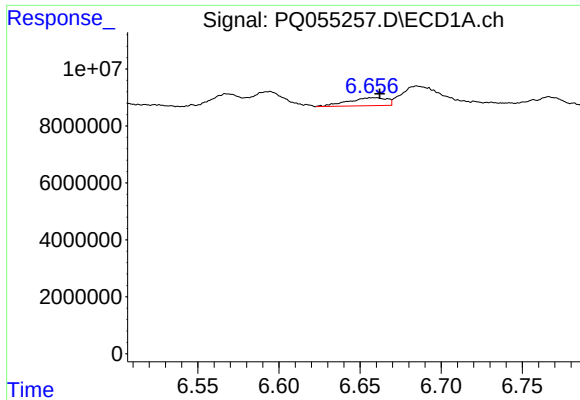
#4 AR-1016-2

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 7528185
Conc: 8.37 ng/ml



#4 AR-1016-2

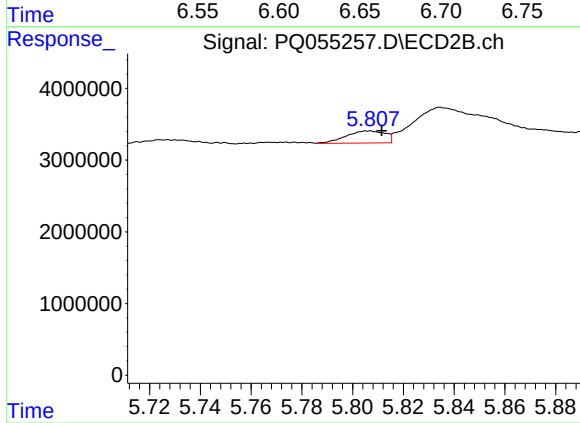
R.T.: 5.612 min
Delta R.T.: -0.005 min
Response: 4299916
Conc: 8.35 ng/ml



#5 AR-1016-3

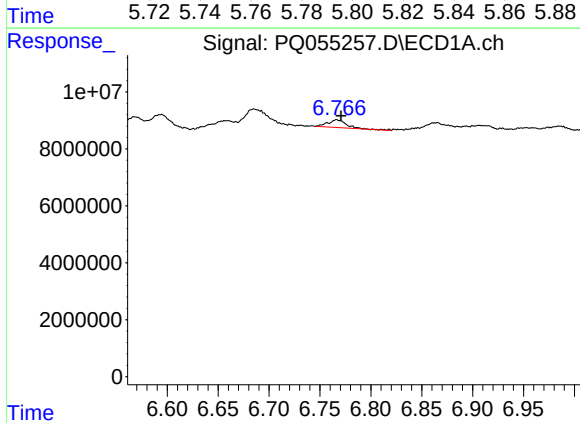
R.T.: 6.659 min
Delta R.T.: -0.003 min
Response: 4671270
Conc: 8.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



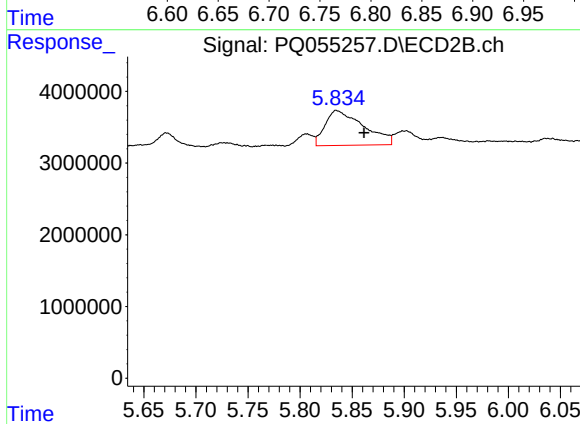
#5 AR-1016-3

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 1800707
Conc: 6.72 ng/ml



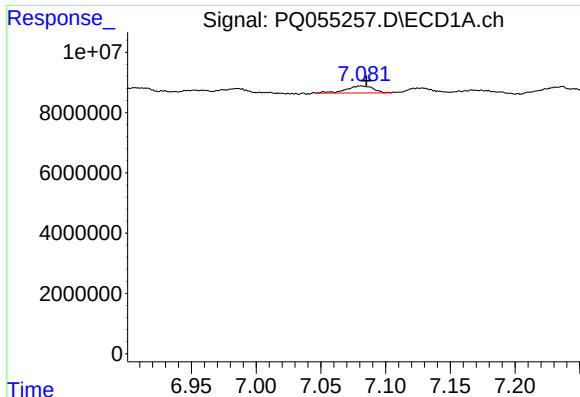
#6 AR-1016-4

R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 3503609
Conc: 7.34 ng/ml



#6 AR-1016-4

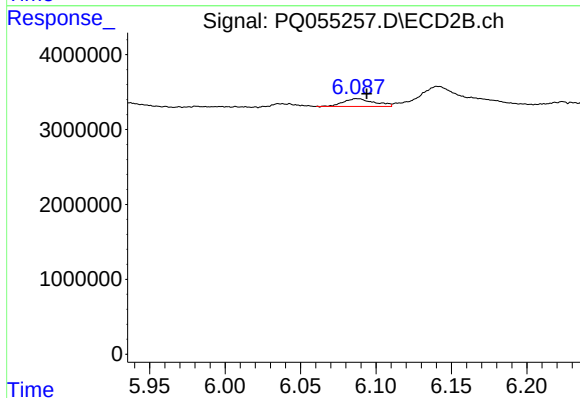
R.T.: 5.835 min
Delta R.T.: -0.027 min
Response: 12547723
Conc: 57.84 ng/ml



#7 AR-1016-5

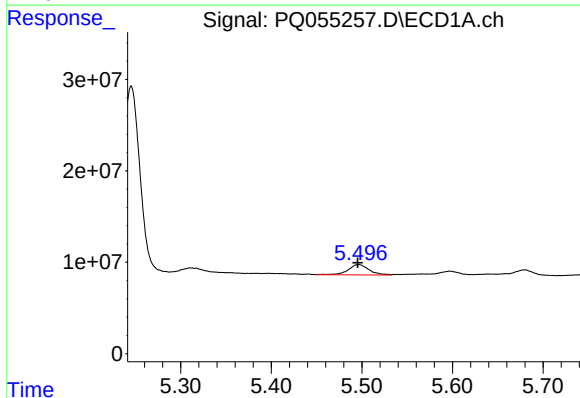
R.T.: 7.081 min
Delta R.T.: -0.004 min
Response: 3391990
Conc: 7.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



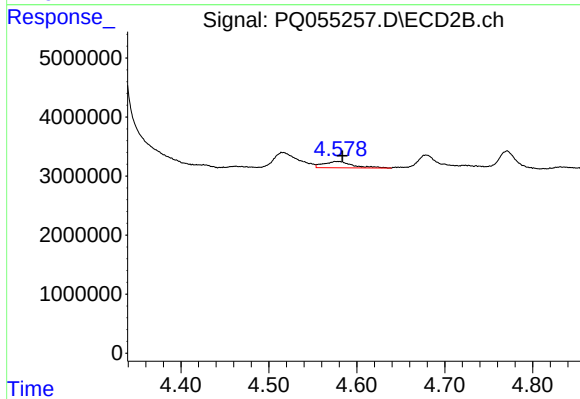
#7 AR-1016-5

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 1464620
Conc: 5.35 ng/ml



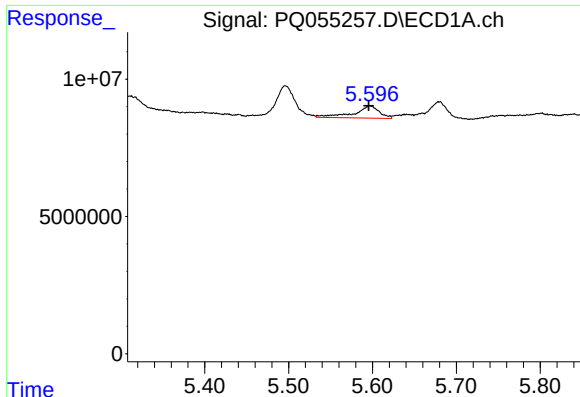
#8 AR-1221-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 17918116
Conc: 85.95 ng/ml



#8 AR-1221-1

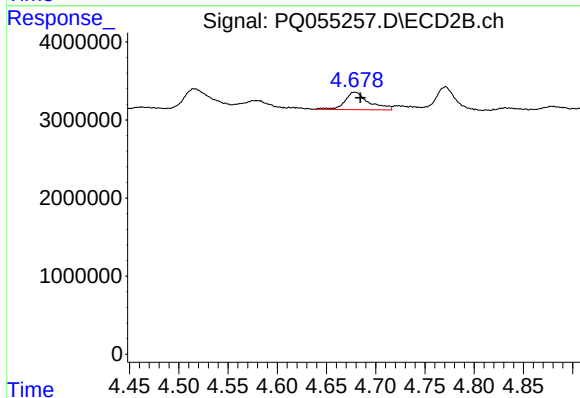
R.T.: 4.579 min
Delta R.T.: -0.005 min
Response: 2404018
Conc: 22.29 ng/ml



#9 AR-1221-2

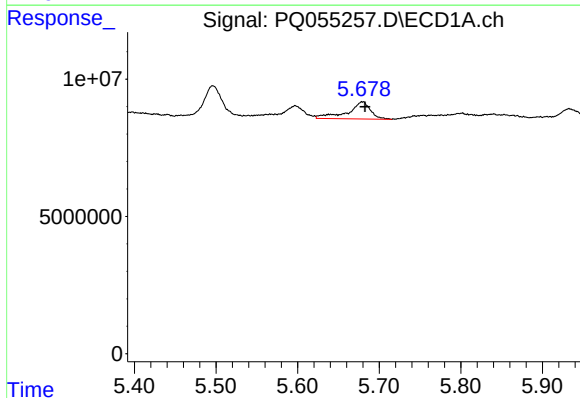
R.T.: 5.597 min
Delta R.T.: 0.002 min
Response: 9276156
Conc: 53.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



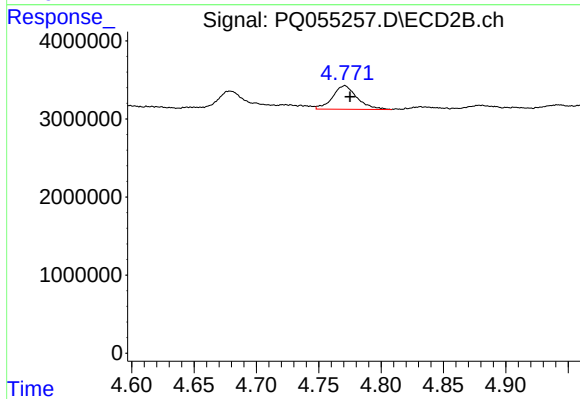
#9 AR-1221-2

R.T.: 4.679 min
Delta R.T.: -0.005 min
Response: 3794013
Conc: 48.96 ng/ml



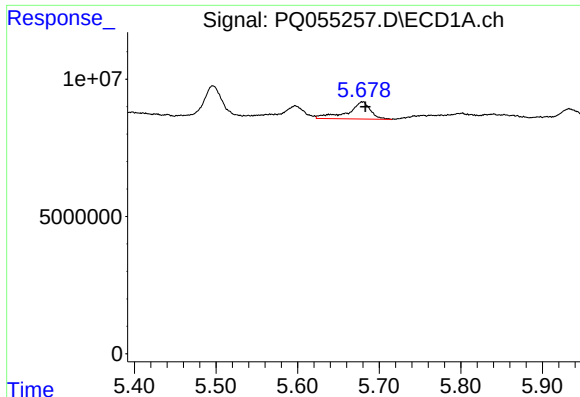
#10 AR-1221-3

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 12194628
Conc: 27.12 ng/ml



#10 AR-1221-3

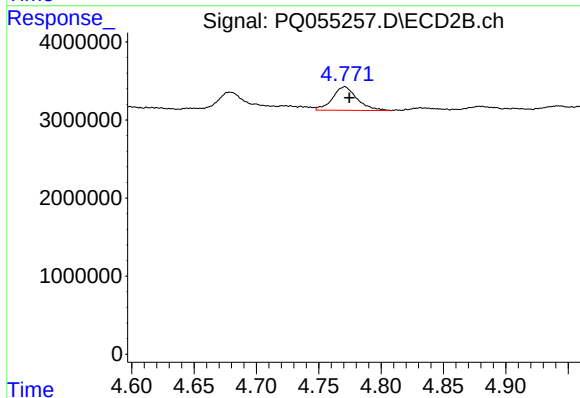
R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 4128602
Conc: 16.03 ng/ml



#11 AR-1232-1

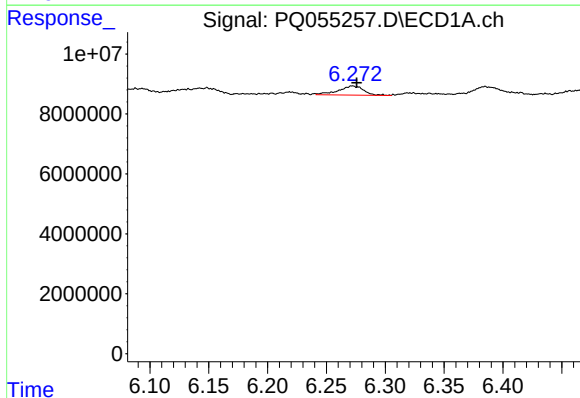
R.T.: 5.680 min
Delta R.T.: -0.004 min
Response: 12194628
Conc: 32.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



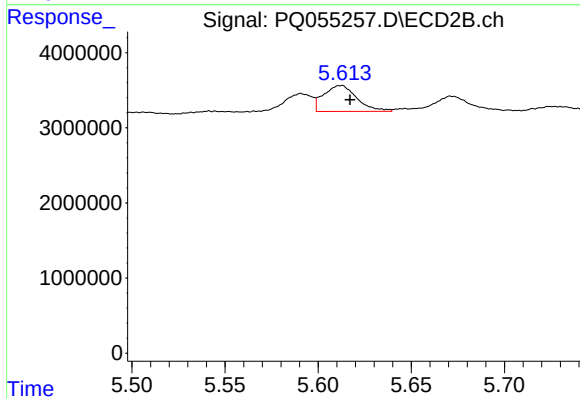
#11 AR-1232-1

R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 4128602
Conc: 19.00 ng/ml



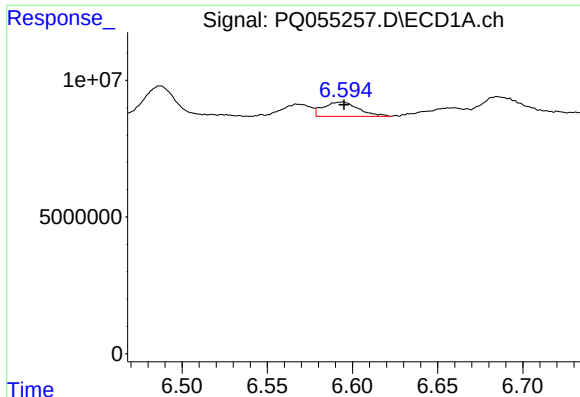
#12 AR-1232-2

R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 4462889
Conc: 22.35 ng/ml



#12 AR-1232-2

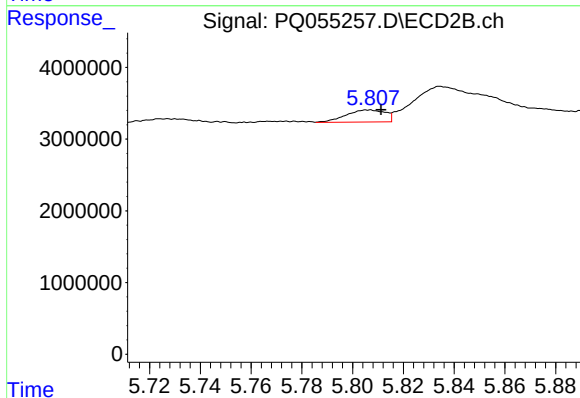
R.T.: 5.612 min
Delta R.T.: -0.005 min
Response: 4299916
Conc: 20.41 ng/ml



#13 AR-1232-3

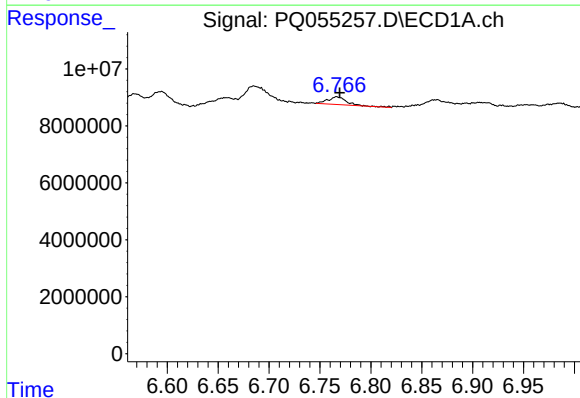
R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 7528185
Conc: 19.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



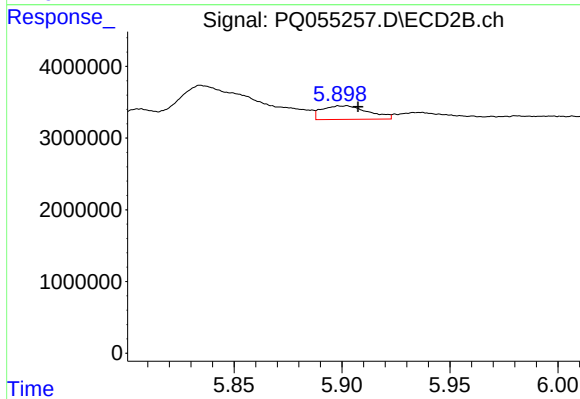
#13 AR-1232-3

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 1800707
Conc: 16.41 ng/ml



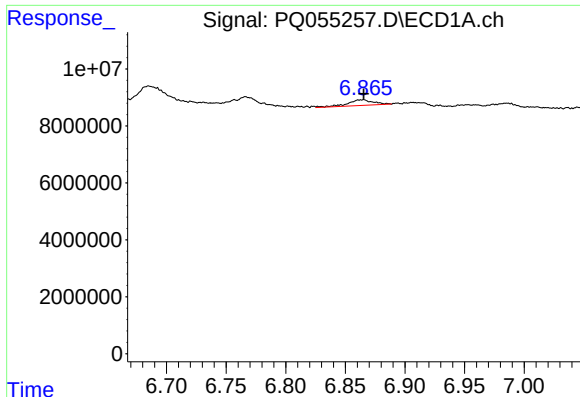
#14 AR-1232-4

R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 3503609
Conc: 17.11 ng/ml



#14 AR-1232-4

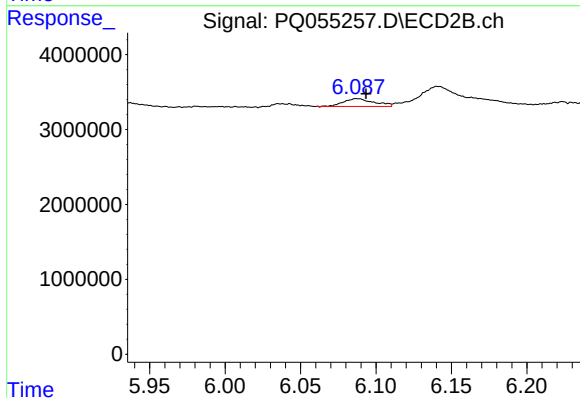
R.T.: 5.901 min
Delta R.T.: -0.006 min
Response: 2810092
Conc: 28.95 ng/ml



#15 AR-1232-5

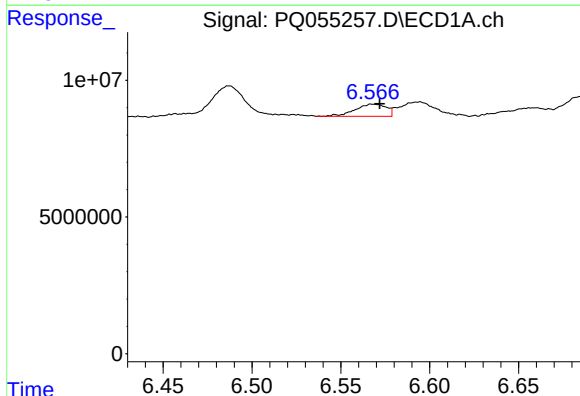
R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 2987241
Conc: 21.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



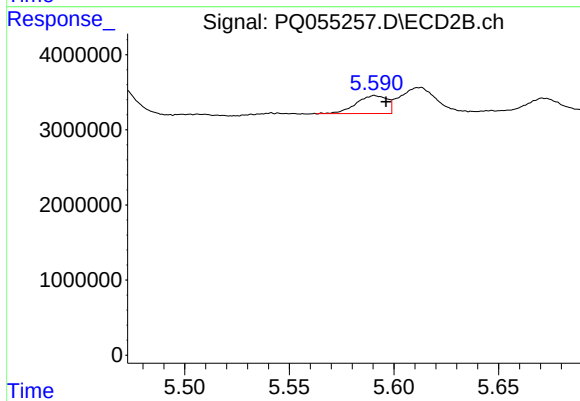
#15 AR-1232-5

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 1464620
Conc: 14.21 ng/ml



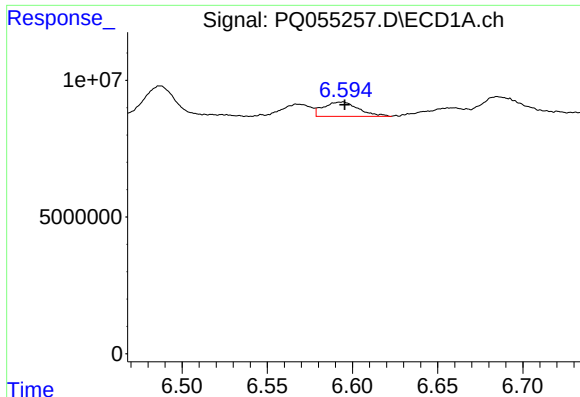
#16 AR-1242-1

R.T.: 6.568 min
Delta R.T.: -0.004 min
Response: 5398053
Conc: 12.35 ng/ml



#16 AR-1242-1

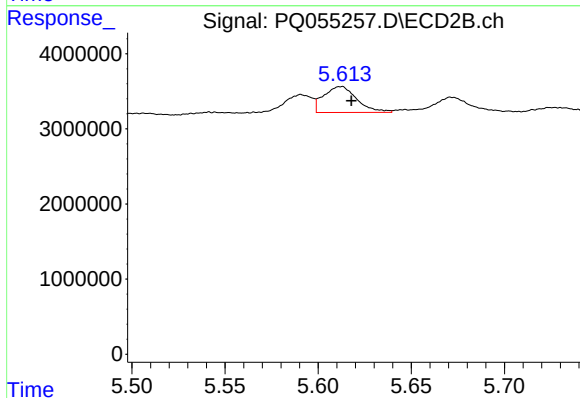
R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 2468676
Conc: 9.27 ng/ml



#17 AR-1242-2

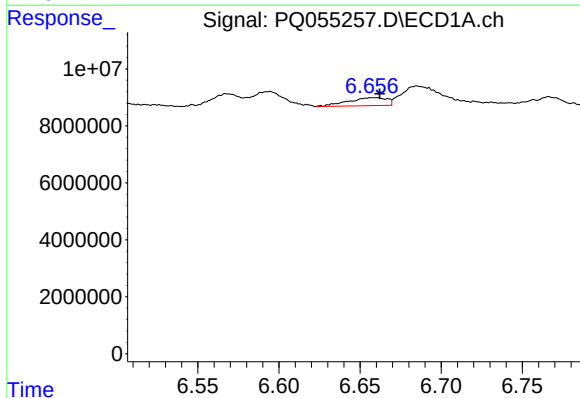
R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 7528185
Conc: 11.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



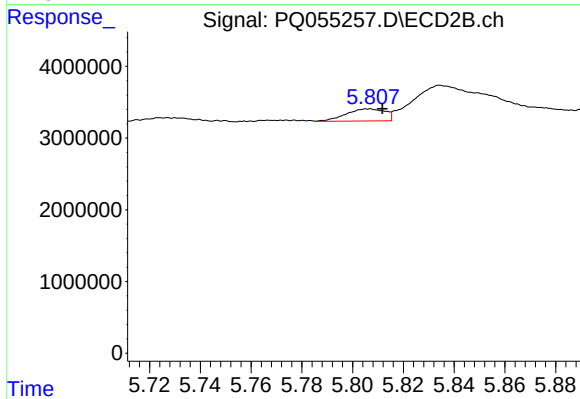
#17 AR-1242-2

R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 4299916
Conc: 11.10 ng/ml



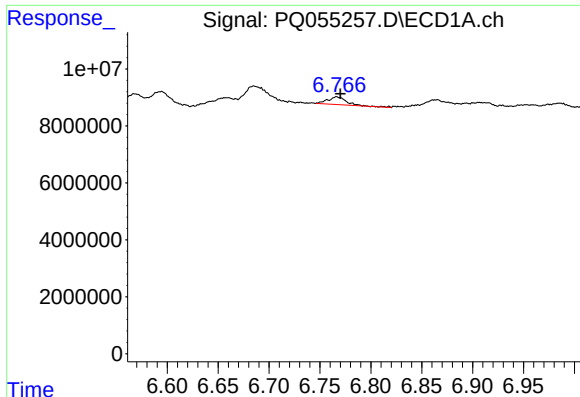
#18 AR-1242-3

R.T.: 6.659 min
Delta R.T.: -0.003 min
Response: 4671270
Conc: 11.04 ng/ml



#18 AR-1242-3

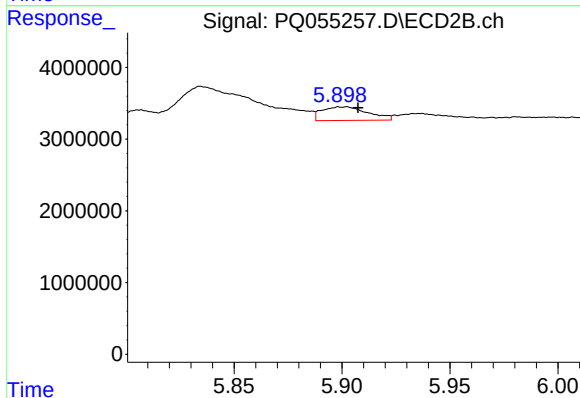
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 1800707
Conc: 8.93 ng/ml



#19 AR-1242-4

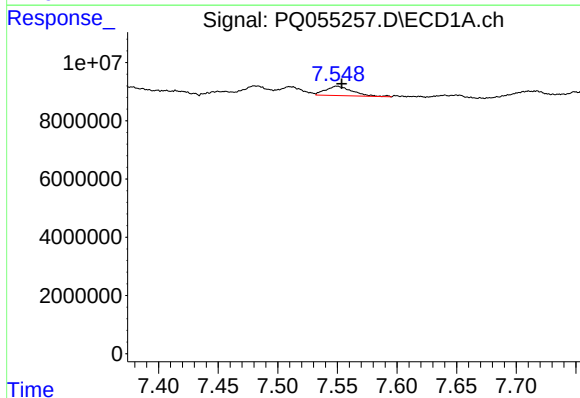
R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 3503609
Conc: 9.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



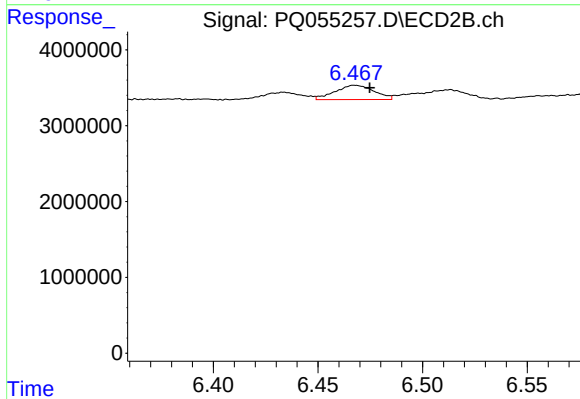
#19 AR-1242-4

R.T.: 5.901 min
Delta R.T.: -0.006 min
Response: 2810092
Conc: 14.35 ng/ml



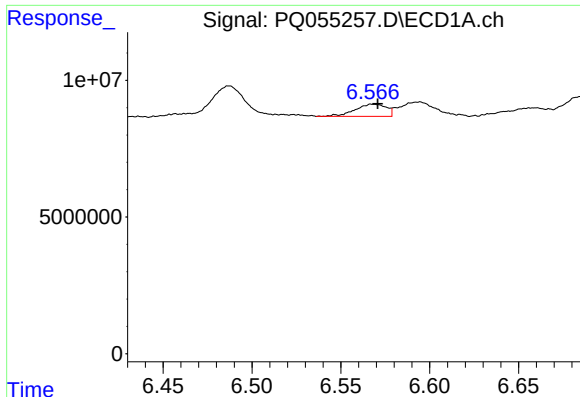
#20 AR-1242-5

R.T.: 7.550 min
Delta R.T.: -0.004 min
Response: 5087121
Conc: 13.93 ng/ml



#20 AR-1242-5

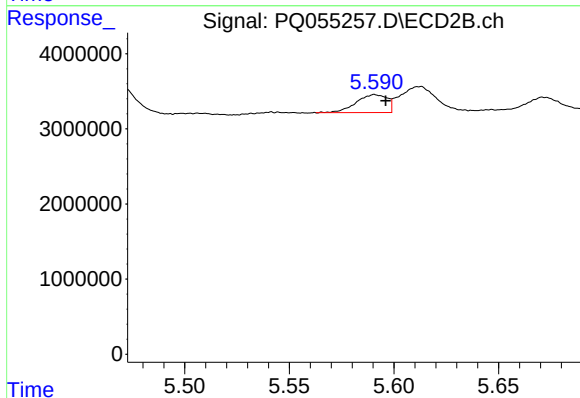
R.T.: 6.468 min
Delta R.T.: -0.007 min
Response: 2439868
Conc: 9.68 ng/ml



#21 AR-1248-1

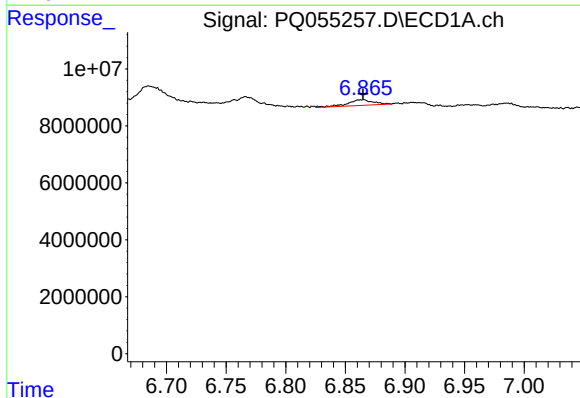
R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 5398053
Conc: 15.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



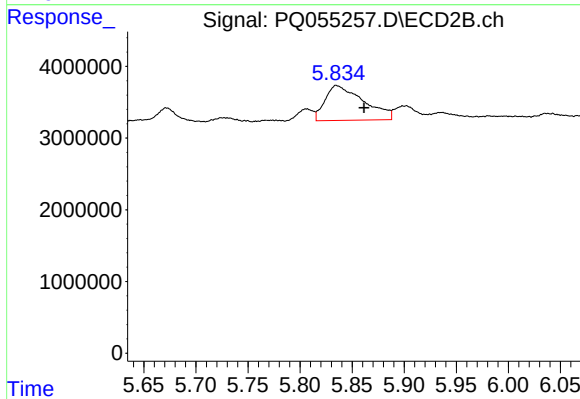
#21 AR-1248-1

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 2468676
Conc: 12.33 ng/ml



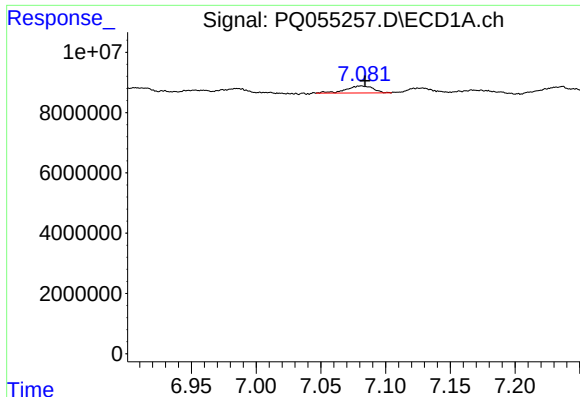
#22 AR-1248-2

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 2987241
Conc: 6.52 ng/ml



#22 AR-1248-2

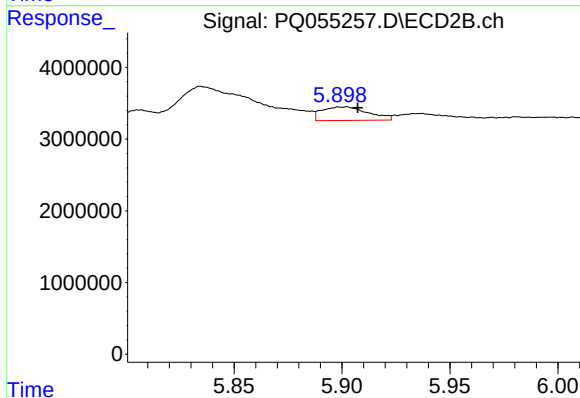
R.T.: 5.835 min
Delta R.T.: -0.027 min
Response: 12547723
Conc: 44.63 ng/ml



#23 AR-1248-3

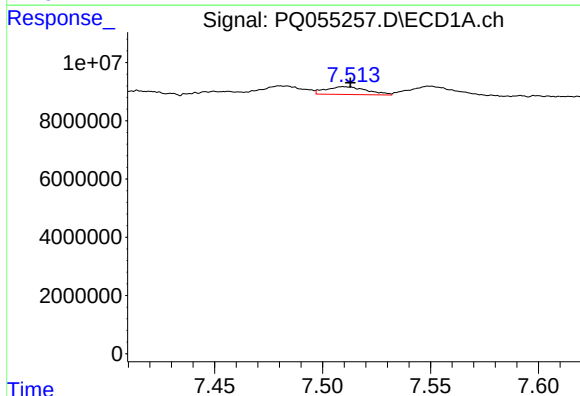
R.T.: 7.081 min
Delta R.T.: -0.003 min
Response: 3391990
Conc: 6.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



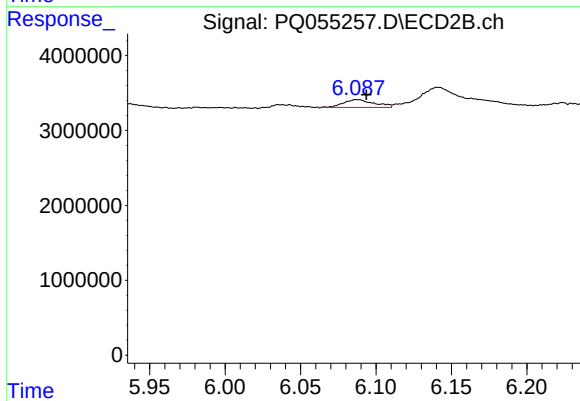
#23 AR-1248-3

R.T.: 5.901 min
Delta R.T.: -0.006 min
Response: 2810092
Conc: 9.60 ng/ml



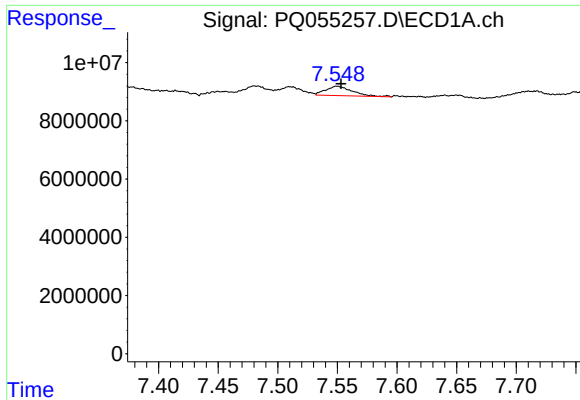
#24 AR-1248-4

R.T.: 7.510 min
Delta R.T.: -0.003 min
Response: 3524258
Conc: 5.81 ng/ml



#24 AR-1248-4

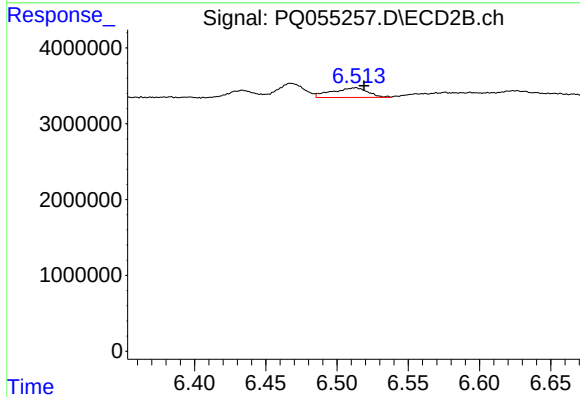
R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 1464620
Conc: 4.21 ng/ml



#25 AR-1248-5

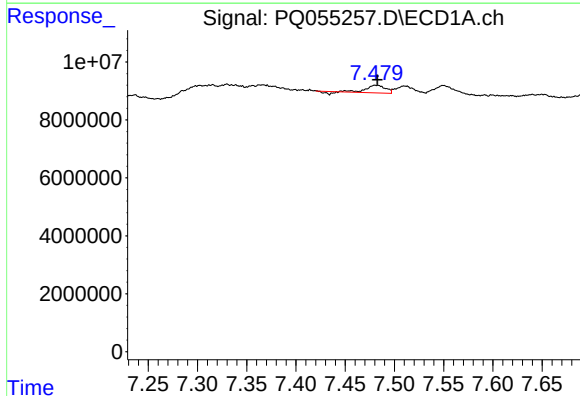
R.T.: 7.550 min
Delta R.T.: -0.003 min
Response: 5087121
Conc: 8.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



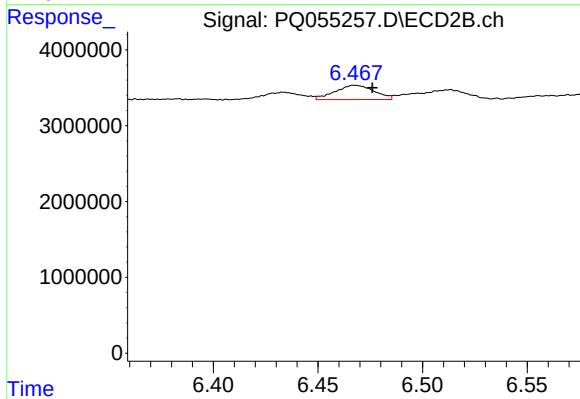
#25 AR-1248-5

R.T.: 6.513 min
Delta R.T.: -0.006 min
Response: 2216820
Conc: 6.37 ng/ml



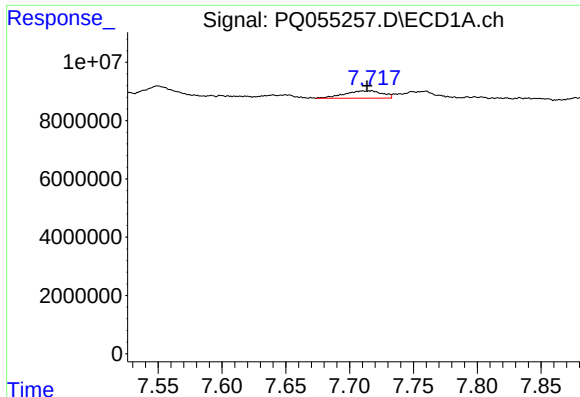
#26 AR-1254-1

R.T.: 7.481 min
Delta R.T.: -0.002 min
Response: 3401444
Conc: 5.79 ng/ml



#26 AR-1254-1

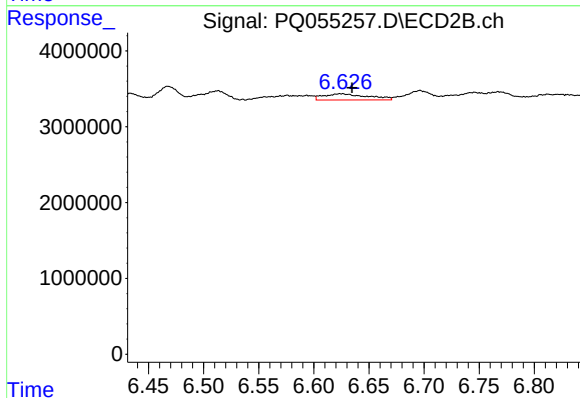
R.T.: 6.468 min
Delta R.T.: -0.008 min
Response: 2439868
Conc: 4.41 ng/ml



#27 AR-1254-2

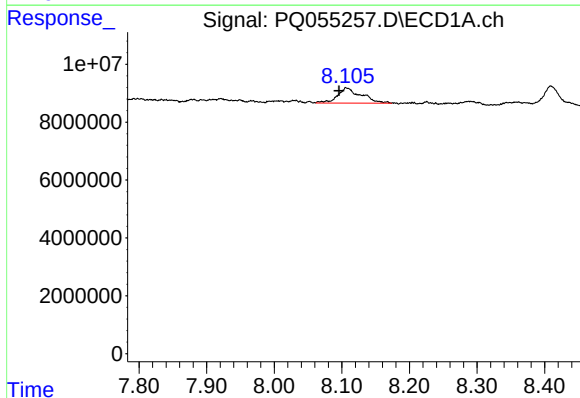
R.T.: 7.717 min
Delta R.T.: 0.003 min
Response: 5238872
Conc: 5.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



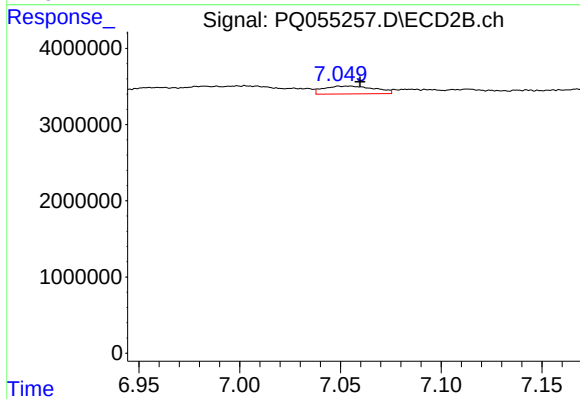
#27 AR-1254-2

R.T.: 6.625 min
Delta R.T.: -0.010 min
Response: 2258194
Conc: 4.77 ng/ml



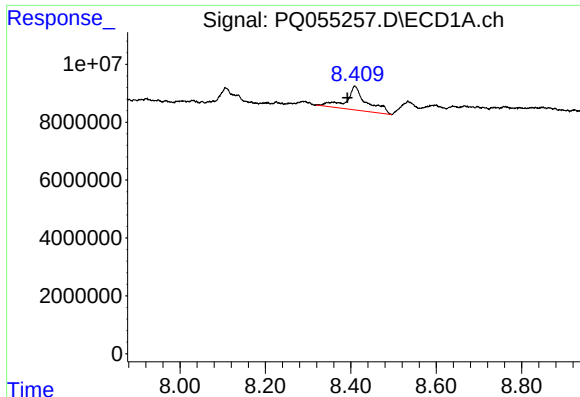
#28 AR-1254-3

R.T.: 8.106 min
Delta R.T.: 0.011 min
Response: 12914071
Conc: 12.69 ng/ml



#28 AR-1254-3

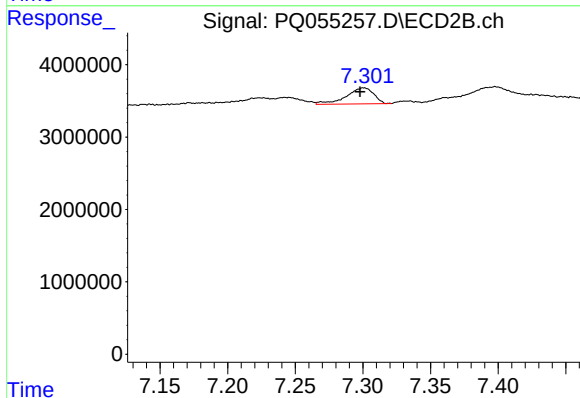
R.T.: 7.054 min
Delta R.T.: -0.005 min
Response: 1806077
Conc: 2.30 ng/ml



#29 AR-1254-4

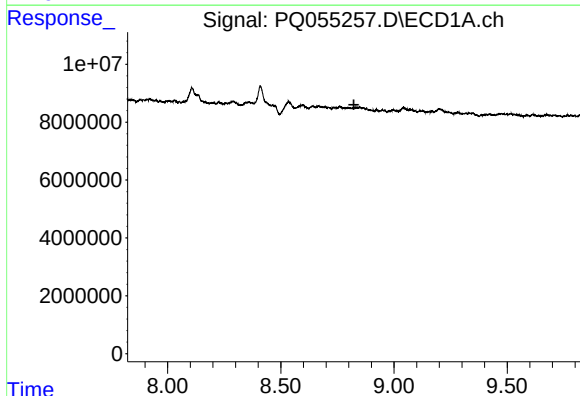
R.T.: 8.409 min
Delta R.T.: 0.017 min
Response: 27288042
Conc: 36.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



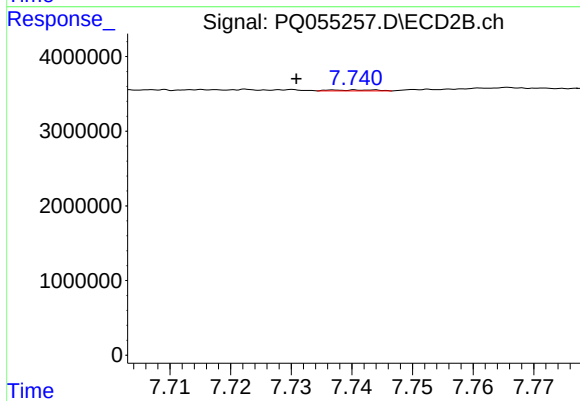
#29 AR-1254-4

R.T.: 7.301 min
Delta R.T.: 0.003 min
Response: 3129810
Conc: 6.56 ng/ml



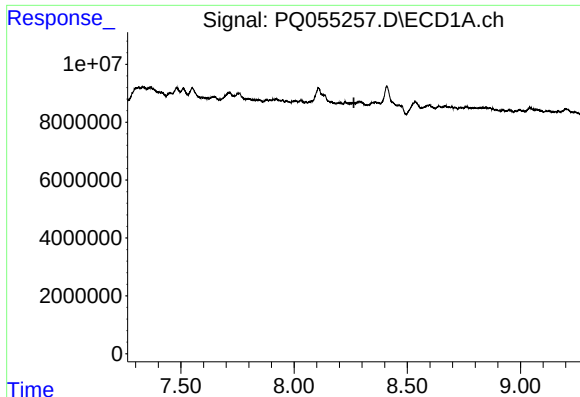
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.823 min
Response: 0
Conc: N.D.



#30 AR-1254-5

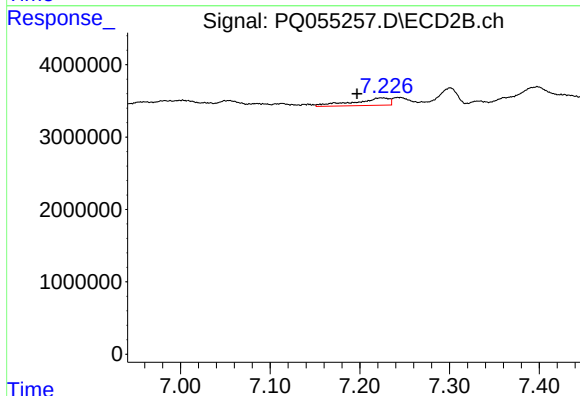
R.T.: 7.742 min
Delta R.T.: 0.012 min
Response: 71313
Conc: 0.11 ng/ml



#31 AR-1260-1

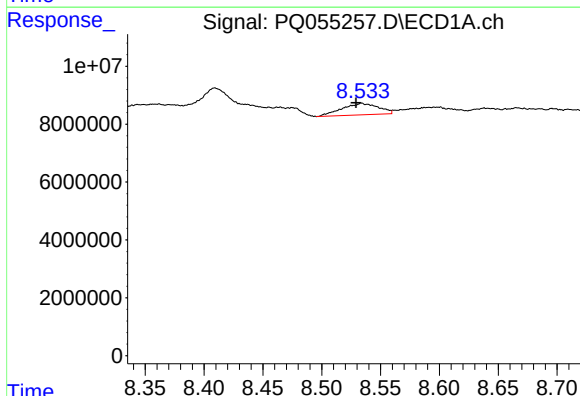
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



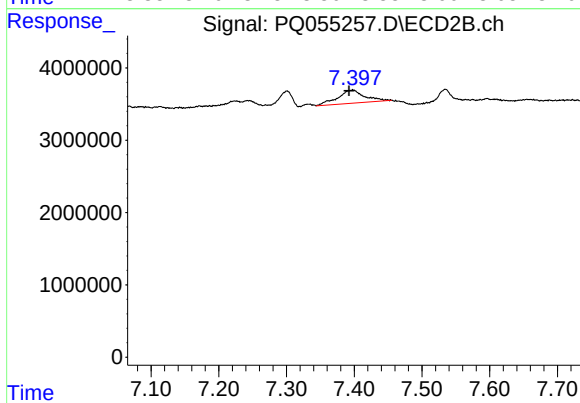
#31 AR-1260-1

R.T.: 7.224 min
Delta R.T.: 0.027 min
Response: 2738004
Conc: 5.46 ng/ml



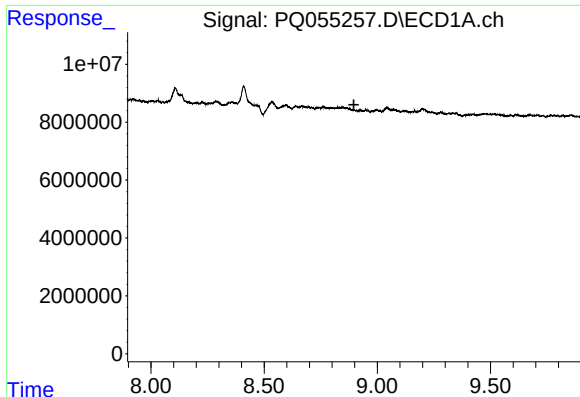
#32 AR-1260-2

R.T.: 8.534 min
Delta R.T.: 0.005 min
Response: 8556845
Conc: 10.31 ng/ml



#32 AR-1260-2

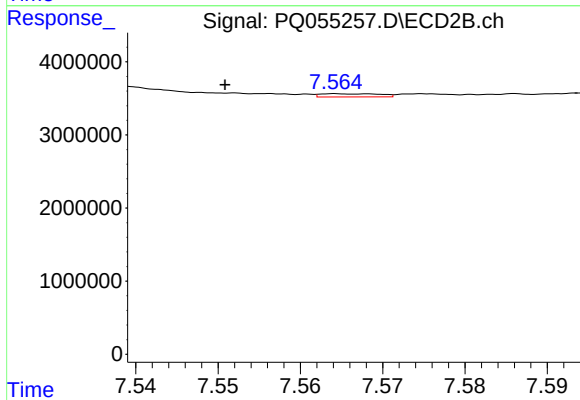
R.T.: 7.398 min
Delta R.T.: 0.005 min
Response: 5059599
Conc: 8.37 ng/ml



#33 AR-1260-3

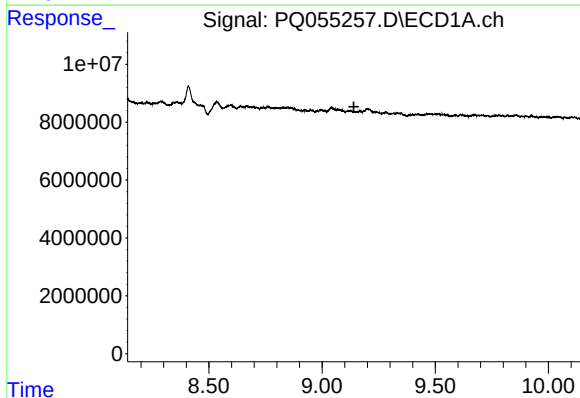
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



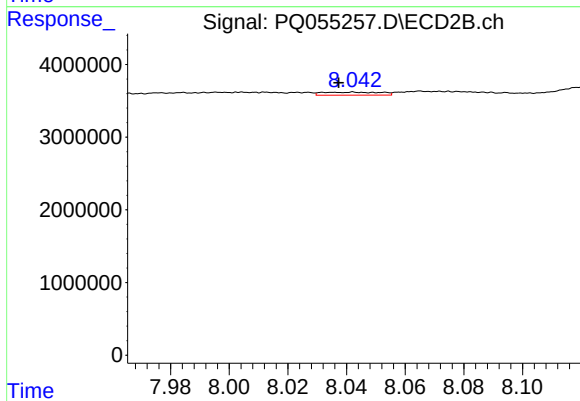
#33 AR-1260-3

R.T.: 7.565 min
Delta R.T.: 0.014 min
Response: 214657
Conc: 0.38 ng/ml



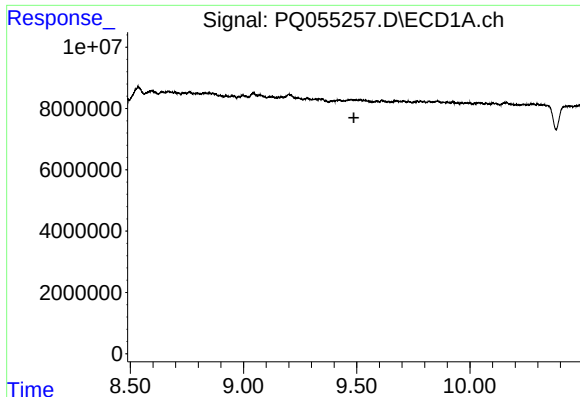
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.140 min
Response: 0
Conc: N.D.



#34 AR-1260-4

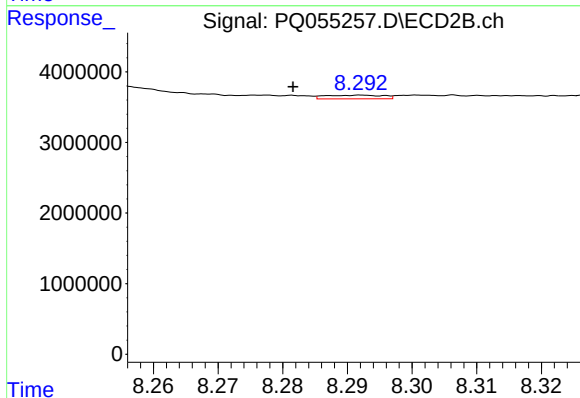
R.T.: 8.042 min
Delta R.T.: 0.005 min
Response: 562127
Conc: 1.19 ng/ml



#35 AR-1260-5

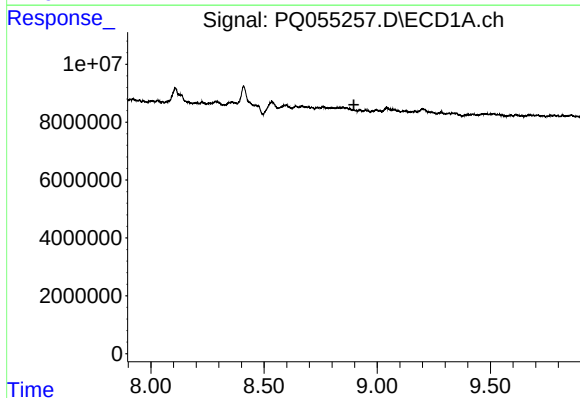
R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



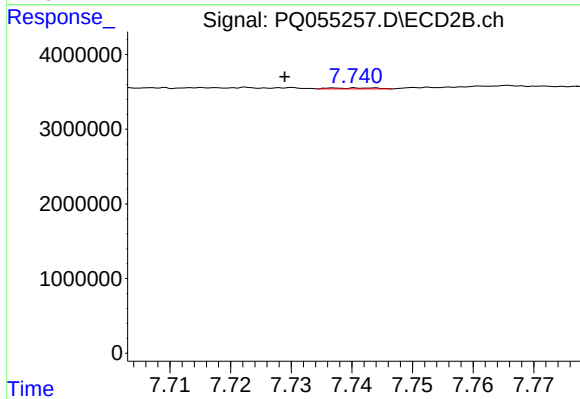
#35 AR-1260-5

R.T.: 8.292 min
Delta R.T.: 0.010 min
Response: 329442
Conc: 0.29 ng/ml



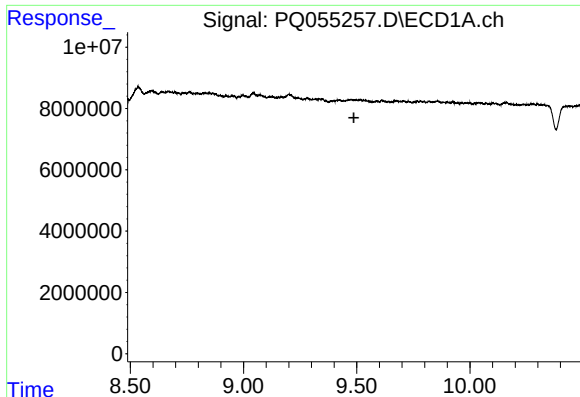
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.



#36 AR-1262-1

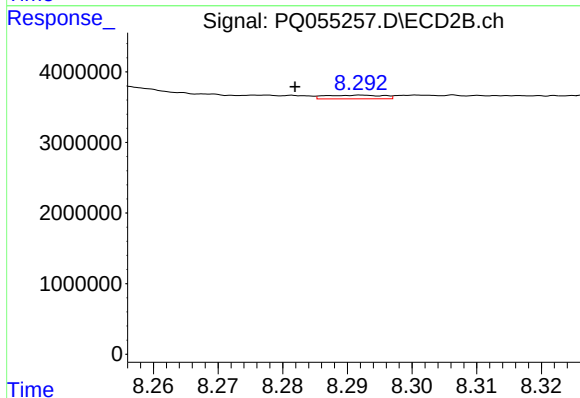
R.T.: 7.742 min
Delta R.T.: 0.013 min
Response: 71313
Conc: 0.21 ng/ml



#37 AR-1262-2

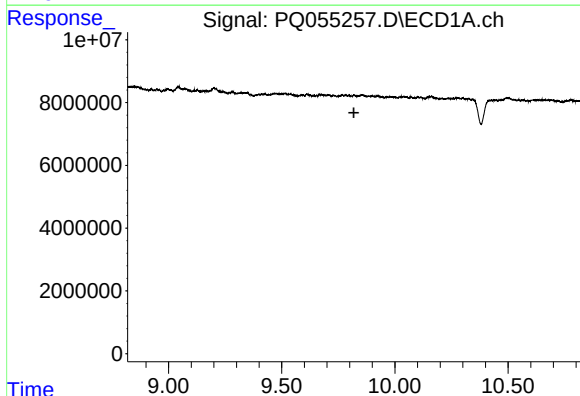
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



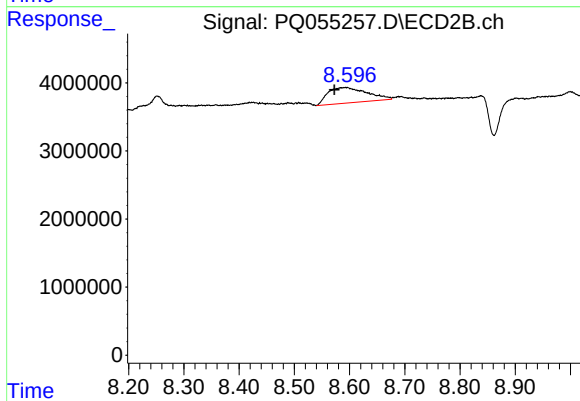
#37 AR-1262-2

R.T.: 8.292 min
Delta R.T.: 0.010 min
Response: 329442
Conc: 0.27 ng/ml



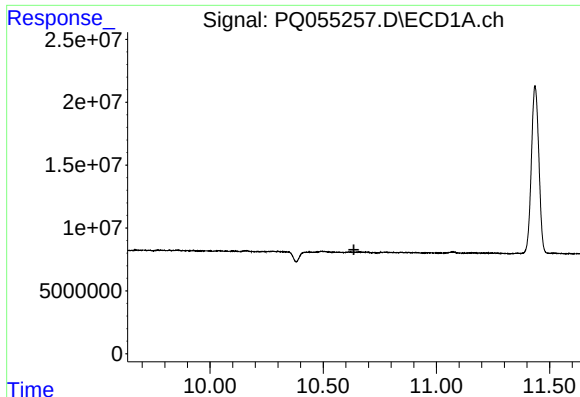
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.



#38 AR-1262-3

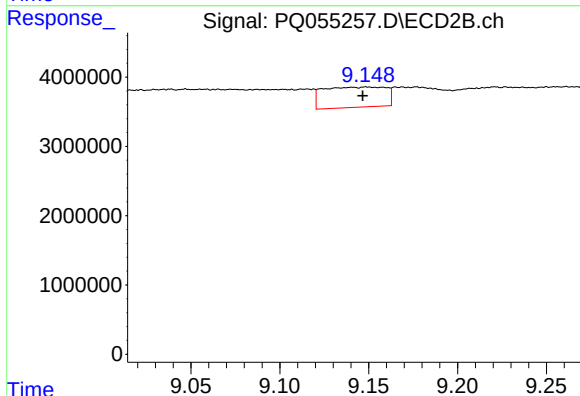
R.T.: 8.593 min
Delta R.T.: 0.020 min
Response: 11230082
Conc: 24.30 ng/ml



#40 AR-1262-5

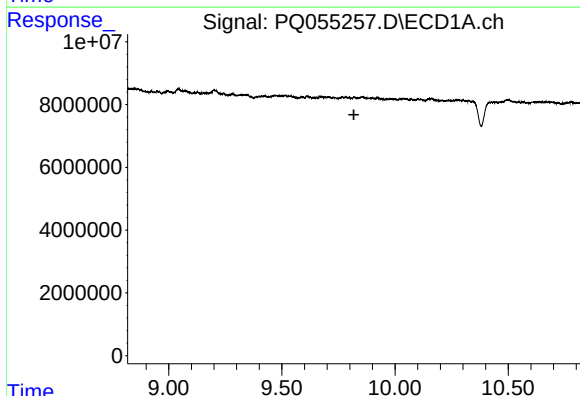
R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



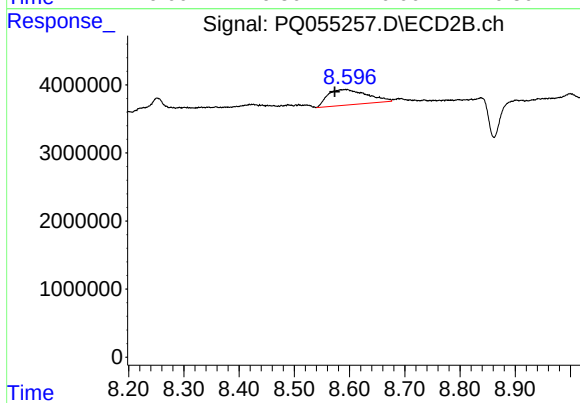
#40 AR-1262-5

R.T.: 9.149 min
Delta R.T.: 0.002 min
Response: 7207069
Conc: 17.95 ng/ml



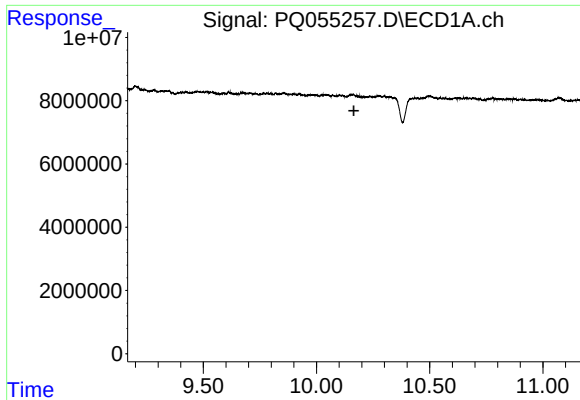
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.818 min
Response: 0
Conc: N.D.



#41 AR-1268-1

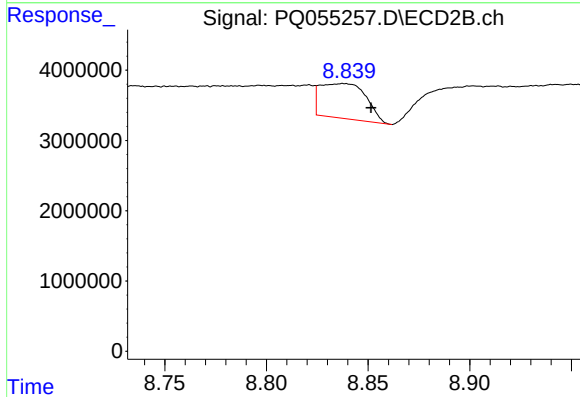
R.T.: 8.593 min
Delta R.T.: 0.020 min
Response: 11230082
Conc: 7.94 ng/ml



#43 AR-1268-3

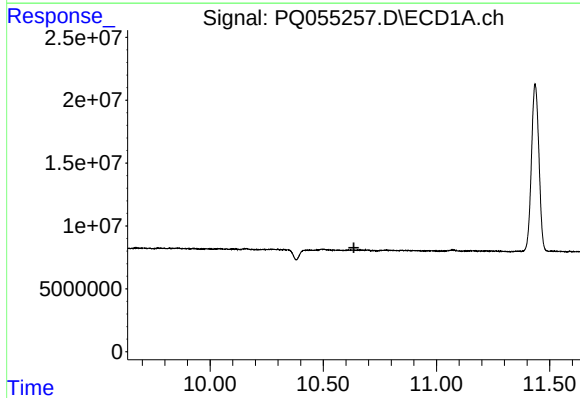
R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



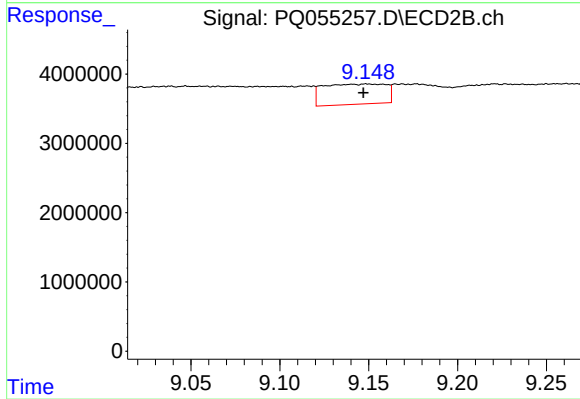
#43 AR-1268-3

R.T.: 8.838 min
Delta R.T.: -0.014 min
Response: 7823589
Conc: 7.15 ng/ml



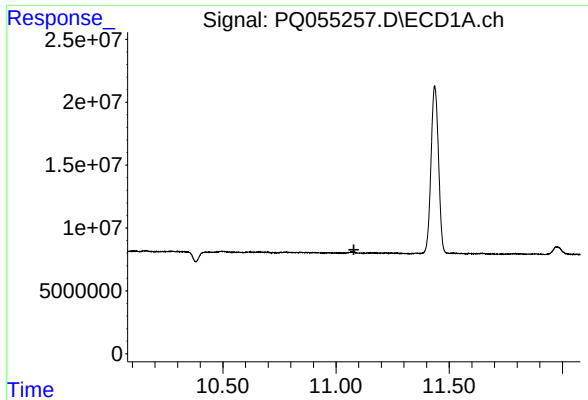
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.



#44 AR-1268-4

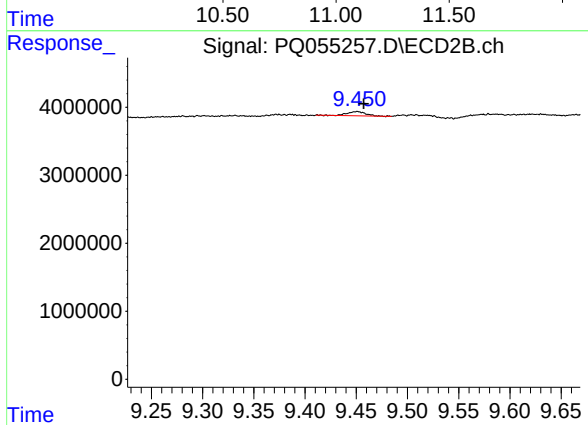
R.T.: 9.149 min
Delta R.T.: 0.002 min
Response: 7207069
Conc: 15.95 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.451 min
Delta R.T.: -0.006 min
Response: 795686
Conc: 0.23 ng/ml