

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081721\
 Data File : PQ054272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2021 14:53
 Operator : AJ\MA
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 16:15:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 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...	5.206	4.211	362.1E6	220.8E6	15.506	15.616
2)	SA Decachlor...	11.379	9.546	284.9E6	249.4E6	16.931	19.771
Target Compounds							
3)	L1 AR-1016-1	0.000	5.493f	0	1186130	N.D.	2.620 #
4)	L1 AR-1016-2	0.000	5.493	0	1186130	N.D.	1.600 #
5)	L1 AR-1016-3	0.000	5.676	0	357834	N.D.	0.993 #
6)	L1 AR-1016-4	0.000	5.754f	0	1872168	N.D.	6.559 #
7)	L1 AR-1016-5	0.000	5.985f	0	5767504	N.D.	15.829 #
8)	L2 AR-1221-1	0.000	4.452	0	1002121	N.D.	7.033 #
9)	L2 AR-1221-2	5.563	4.567	7873318	5680358	43.464	53.847
10)	L2 AR-1221-3	0.000	4.644	0	1933095	N.D.	5.509 #
11)	L3 AR-1232-1	0.000	4.644	0	1933095	N.D.	8.282 #
12)	L3 AR-1232-2	0.000	5.493	0	1186130	N.D.	4.095 #
13)	L3 AR-1232-3	0.000	5.676	0	357834	N.D.	2.697 #
14)	L3 AR-1232-4	0.000	5.780	0	552384	N.D.	4.841 #
15)	L3 AR-1232-5	0.000	5.985f	0	5767504	N.D.	44.879 #
16)	L4 AR-1242-1	0.000	5.493f	0	1186130	N.D.	4.362 #
17)	L4 AR-1242-2	0.000	5.493	0	1186130	N.D.	2.520 #
18)	L4 AR-1242-3	0.000	5.676	0	357834	N.D.	1.622 #
19)	L4 AR-1242-4	0.000	5.780	0	552384	N.D.	2.553 #
20)	L4 AR-1242-5	0.000	6.371f	0	23354599	N.D.	78.727 #
21)	L5 AR-1248-1	0.000	5.493f	0	1186130	N.D.	5.257 #
22)	L5 AR-1248-2	0.000	5.754f	0	1872168	N.D.	5.704 #
23)	L5 AR-1248-3	0.000	5.780	0	552384	N.D.	1.670 #
24)	L5 AR-1248-4	7.450f	5.985f	28278350	5767504	42.570	14.532 #
25)	L5 AR-1248-5	0.000	6.371f	0	23354599	N.D.	58.598 #
26)	L6 AR-1254-1	7.450	6.371f	28278350	23354599	40.011	34.924
27)	L6 AR-1254-2	0.000	6.497	0	8577759	N.D.	13.951 #
28)	L6 AR-1254-3	8.079f	6.942f	4705546	4402635	4.001	4.560
29)	L6 AR-1254-4	0.000	7.151	0	9933871	N.D.	14.906 #
31)	L7 AR-1260-1	0.000	7.058	0	12332789	N.D.	16.453 #
32)	L7 AR-1260-2	8.494f	7.270	5333832	1237519	4.698	1.185 #
33)	L7 AR-1260-3	0.000	7.402	0	6127108	N.D.	7.040 #
34)	L7 AR-1260-4	0.000	7.912f	0	29070554	N.D.	46.690 #
35)	L7 AR-1260-5	0.000	8.140	0	10001815	N.D.	5.838 #
37)	L8 AR-1262-2	0.000	8.140	0	10001815	N.D.	5.311 #
38)	L8 AR-1262-3	0.000	8.440	0	1018938	N.D.	1.327 #
39)	L8 AR-1262-4	0.000	8.498	0	1868076	N.D.	1.494 #
40)	L8 AR-1262-5	10.570	9.018f	4984658	65337051	7.520	113.210 #
41)	L9 AR-1268-1	0.000	8.440	0	1018938	N.D.	0.452 #
42)	L9 AR-1268-2	0.000	8.498	0	1868076	N.D.	1.000 #
43)	L9 AR-1268-3	0.000	8.694	0	35821144	N.D.	21.429 #

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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	10.570	9.018f	4984658	65337051	6.815	100.189 #
45) L9	AR-1268-5	11.020	9.289	1984061	26067777	0.364	5.532 #

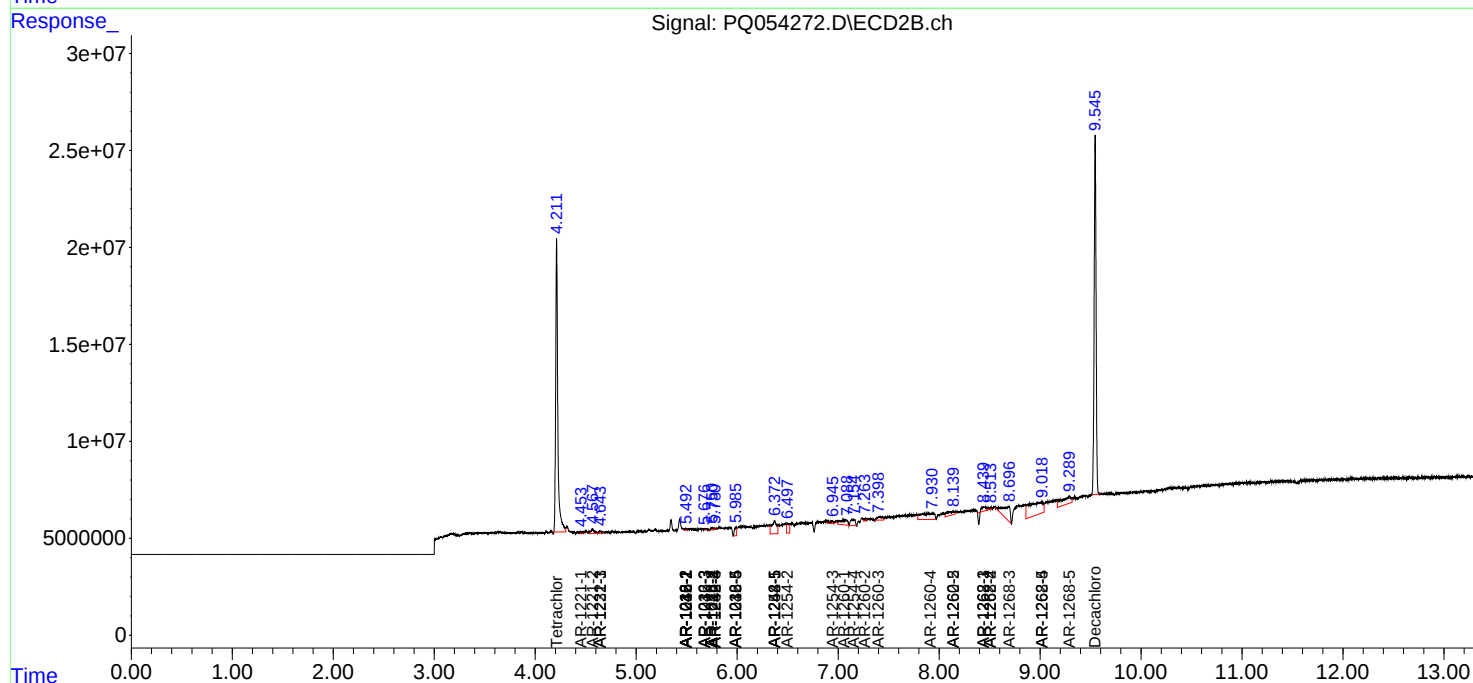
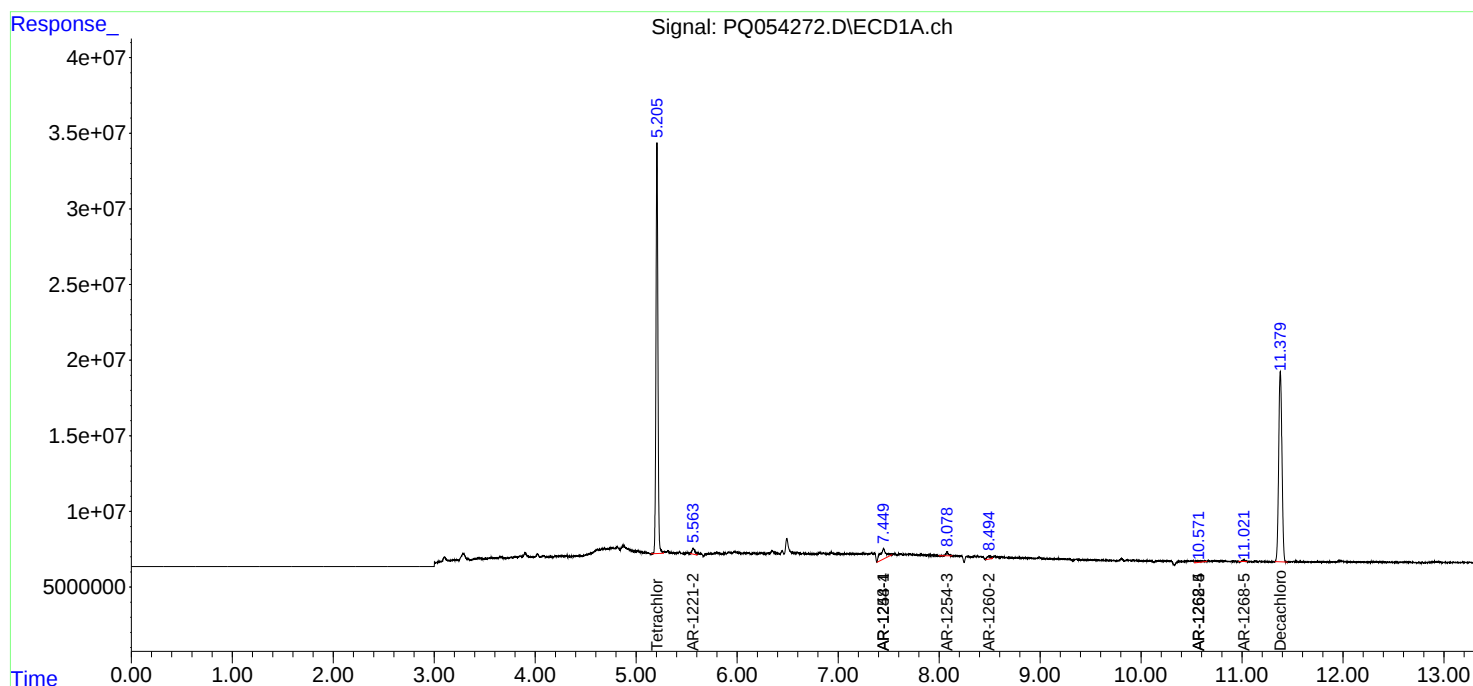
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

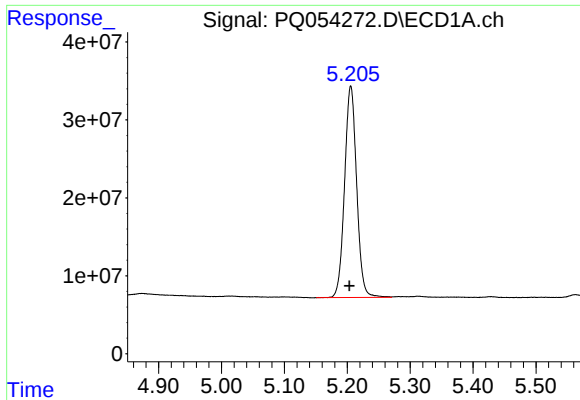
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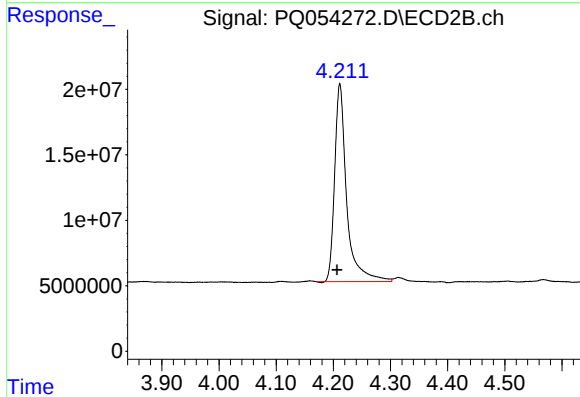




#1 Tetrachloro-m-xylene

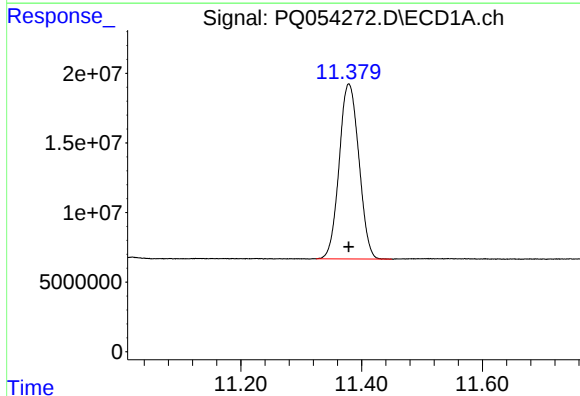
R.T.: 5.206 min
Delta R.T.: 0.003 min
Response: 362099223
Conc: 15.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



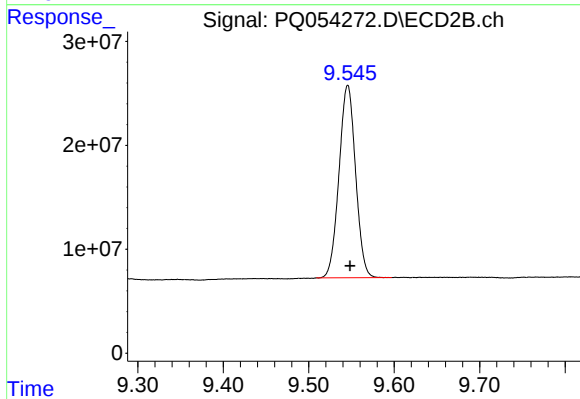
#1 Tetrachloro-m-xylene

R.T.: 4.211 min
Delta R.T.: 0.005 min
Response: 220771585
Conc: 15.62 ng/ml



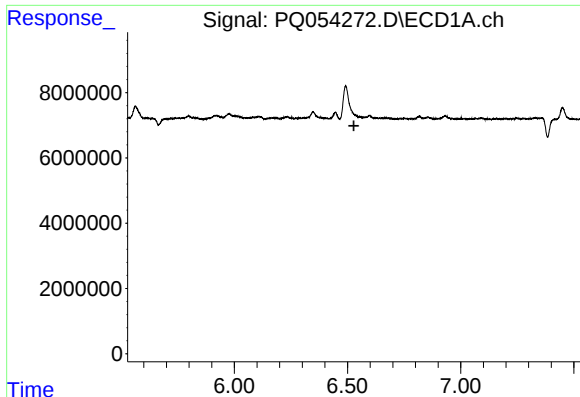
#2 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: 0.000 min
Response: 284878828
Conc: 16.93 ng/ml



#2 Decachlorobiphenyl

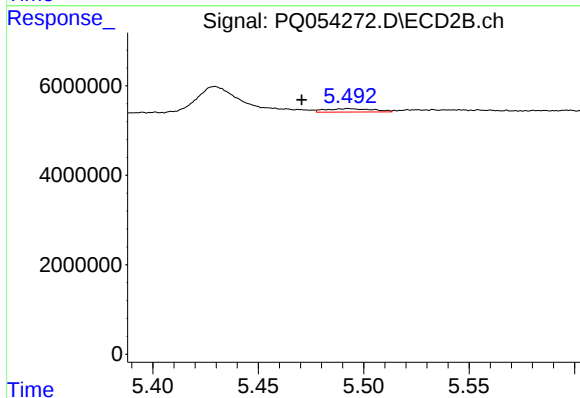
R.T.: 9.546 min
Delta R.T.: -0.003 min
Response: 249389768
Conc: 19.77 ng/ml



#3 AR-1016-1

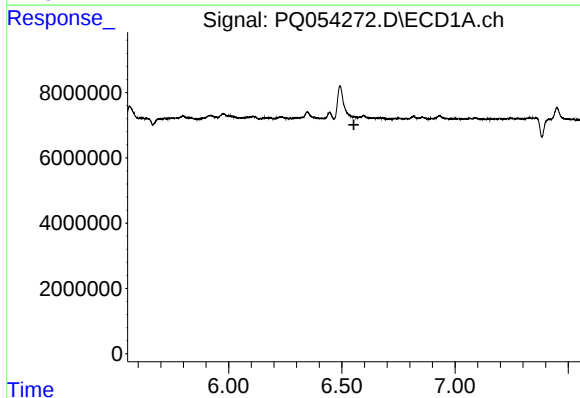
R.T.: 0.000 min
Exp R.T.: 6.528 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



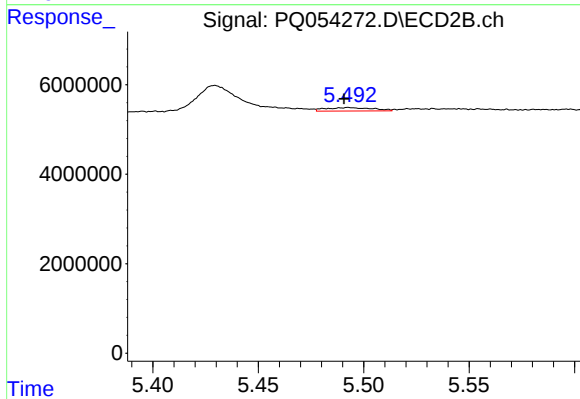
#3 AR-1016-1

R.T.: 5.493 min
Delta R.T.: 0.022 min
Response: 1186130
Conc: 2.62 ng/ml



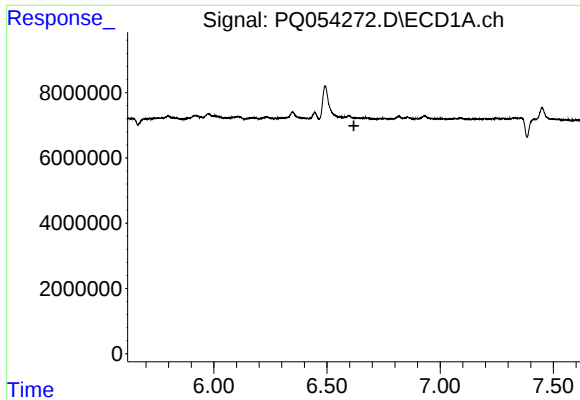
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.



#4 AR-1016-2

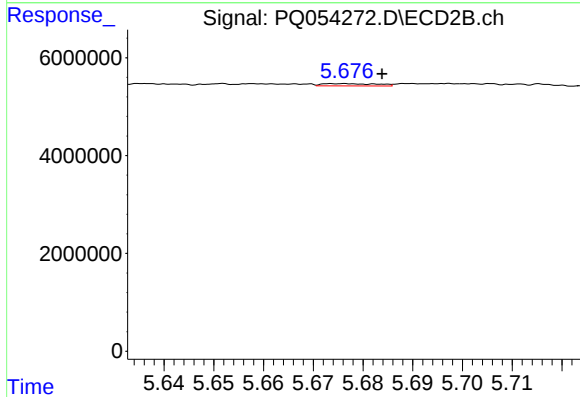
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 1186130
Conc: 1.60 ng/ml



#5 AR-1016-3

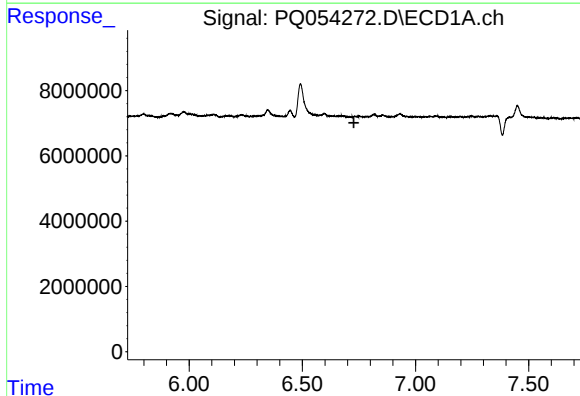
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



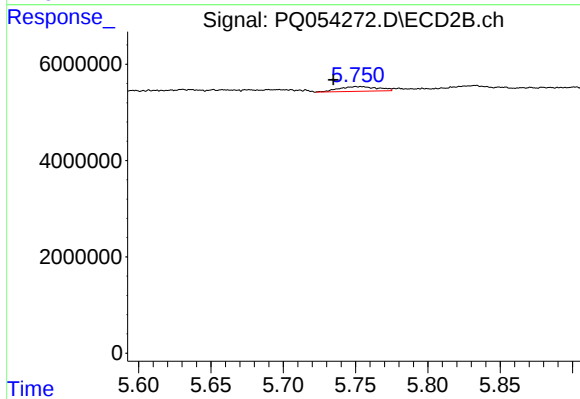
#5 AR-1016-3

R.T.: 5.676 min
Delta R.T.: -0.008 min
Response: 357834
Conc: 0.99 ng/ml



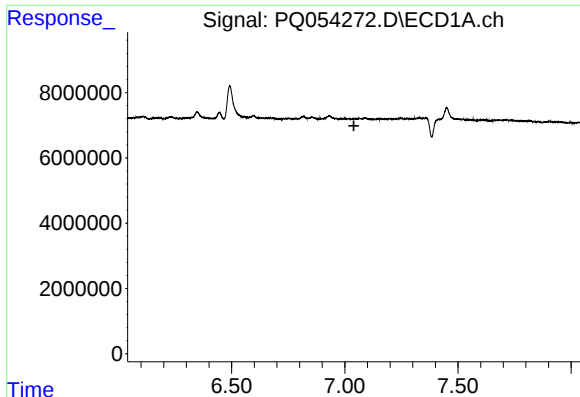
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

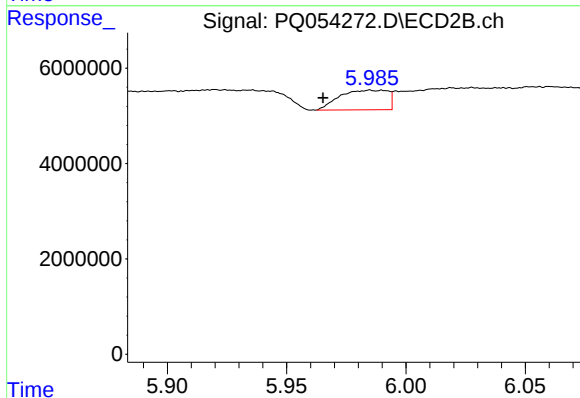
R.T.: 5.754 min
Delta R.T.: 0.019 min
Response: 1872168
Conc: 6.56 ng/ml



#7 AR-1016-5

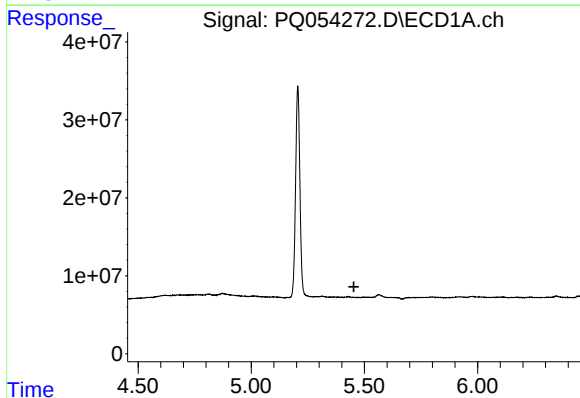
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



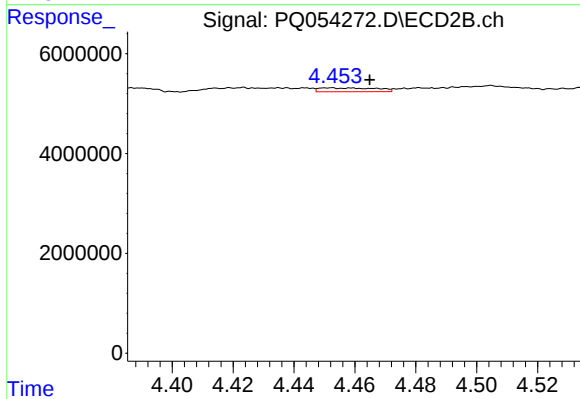
#7 AR-1016-5

R.T.: 5.985 min
Delta R.T.: 0.020 min
Response: 5767504
Conc: 15.83 ng/ml



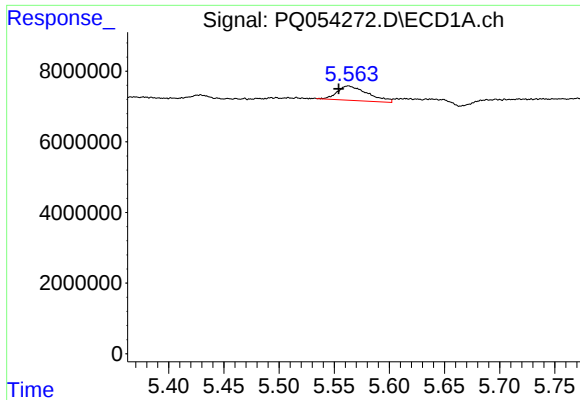
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.454 min
Response: 0
Conc: N.D.



#8 AR-1221-1

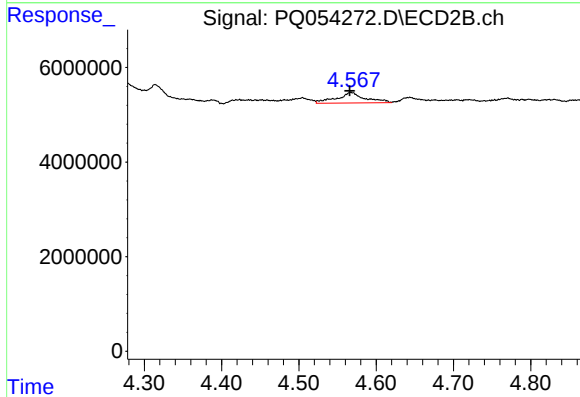
R.T.: 4.452 min
Delta R.T.: -0.013 min
Response: 1002121
Conc: 7.03 ng/ml



#9 AR-1221-2

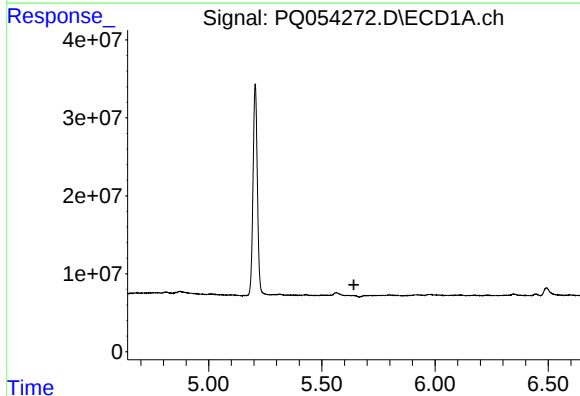
R.T.: 5.563 min
Delta R.T.: 0.009 min
Response: 7873318
Conc: 43.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



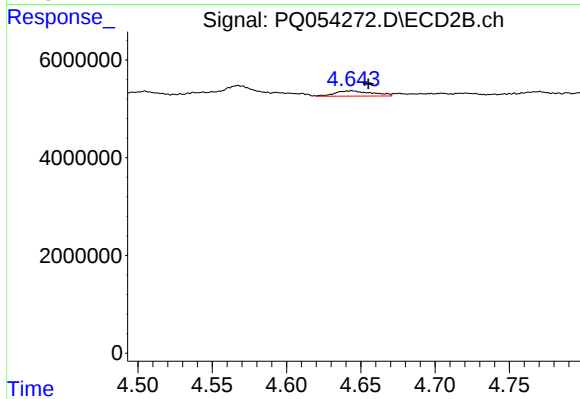
#9 AR-1221-2

R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 5680358
Conc: 53.85 ng/ml



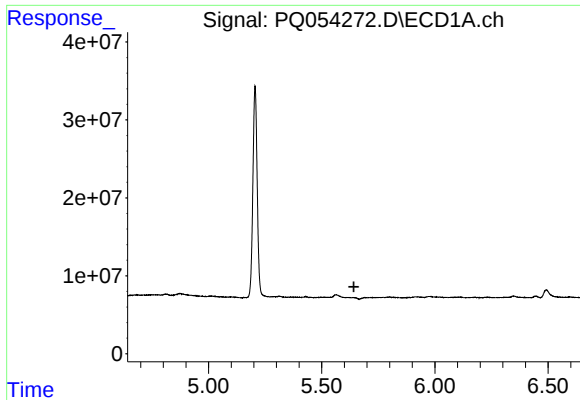
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.641 min
Response: 0
Conc: N.D.



#10 AR-1221-3

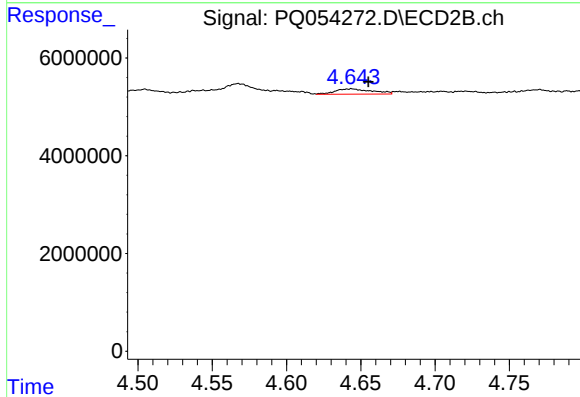
R.T.: 4.644 min
Delta R.T.: -0.011 min
Response: 1933095
Conc: 5.51 ng/ml



#11 AR-1232-1

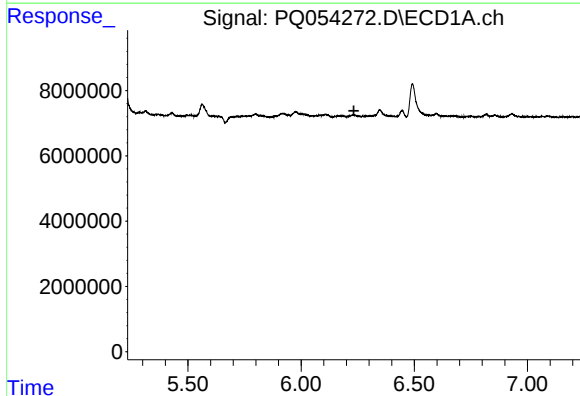
R.T.: 0.000 min
Exp R.T. : 5.642 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



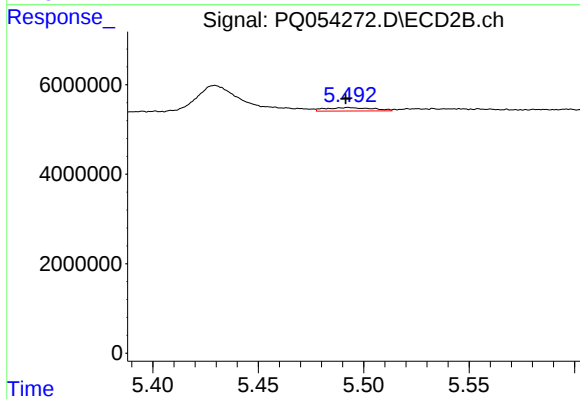
#11 AR-1232-1

R.T.: 4.644 min
Delta R.T.: -0.011 min
Response: 1933095
Conc: 8.28 ng/ml



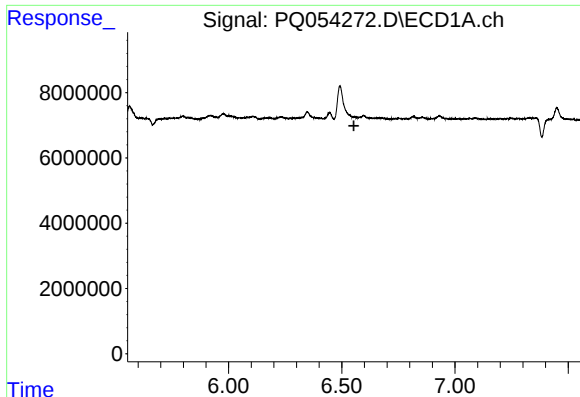
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.233 min
Response: 0
Conc: N.D.



#12 AR-1232-2

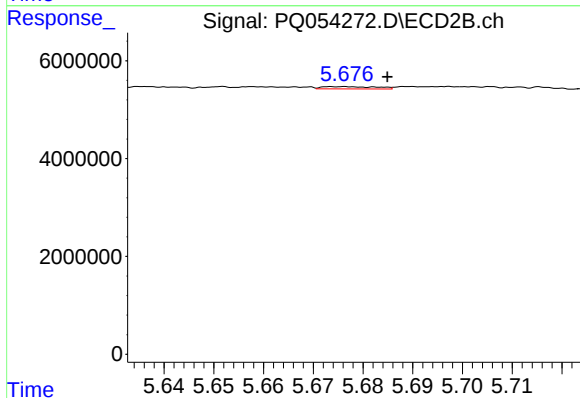
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 1186130
Conc: 4.10 ng/ml



#13 AR-1232-3

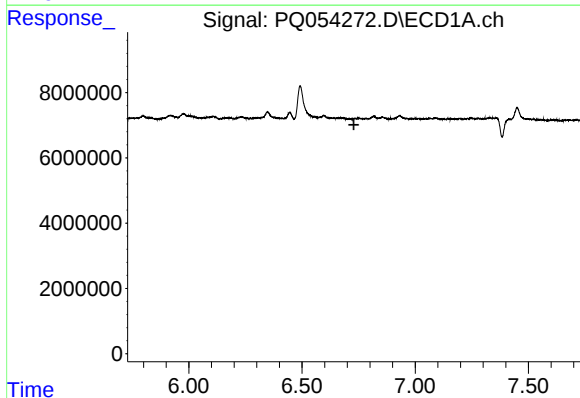
R.T.: 0.000 min
Exp R.T.: 6.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
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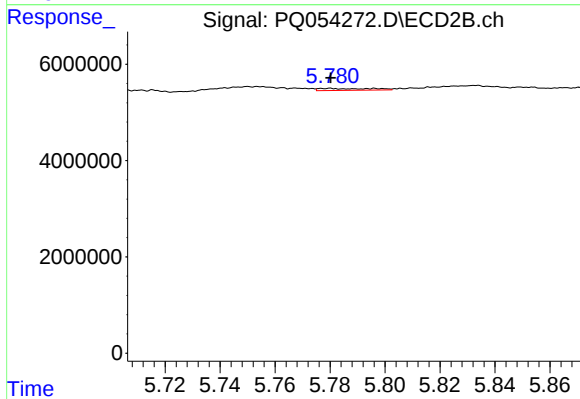
#13 AR-1232-3

R.T.: 5.676 min
Delta R.T.: -0.009 min
Response: 357834
Conc: 2.70 ng/ml



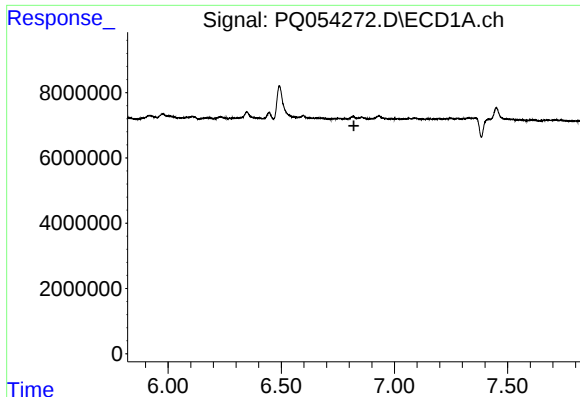
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.



#14 AR-1232-4

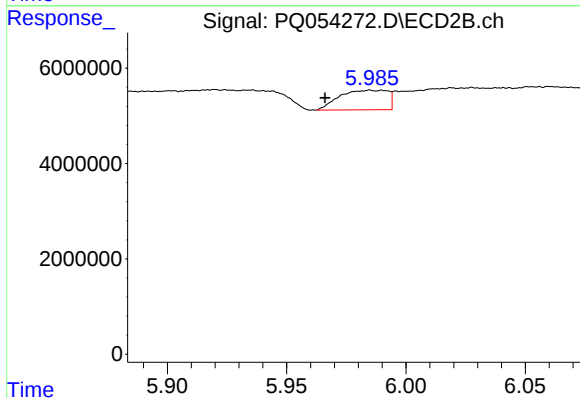
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 552384
Conc: 4.84 ng/ml



#15 AR-1232-5

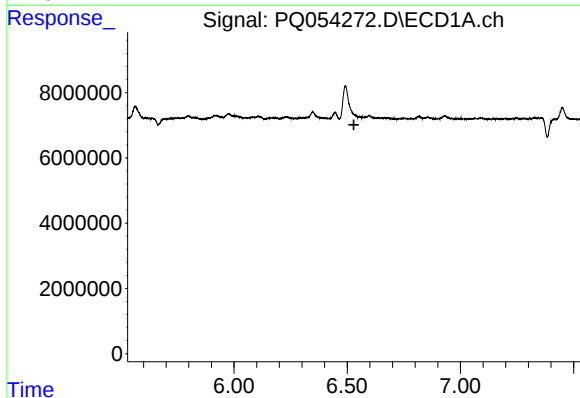
R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
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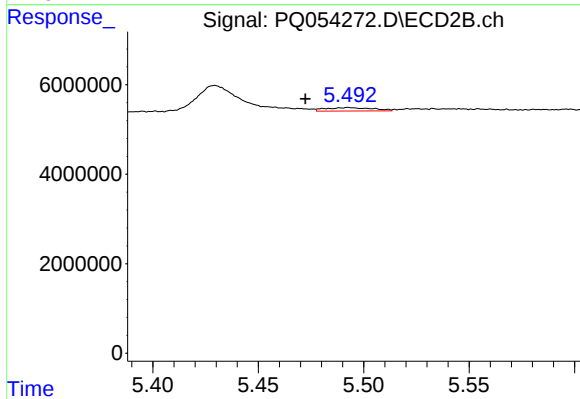
#15 AR-1232-5

R.T.: 5.985 min
Delta R.T.: 0.019 min
Response: 5767504
Conc: 44.88 ng/ml



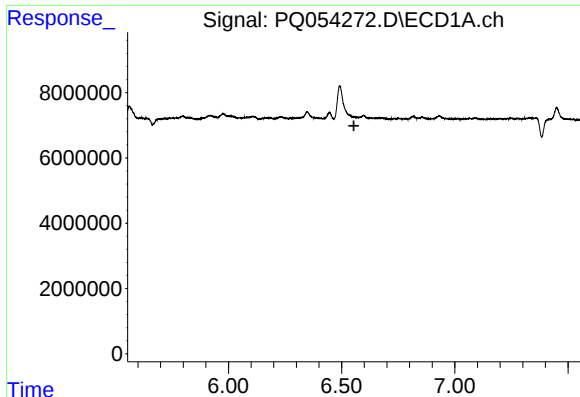
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.530 min
Response: 0
Conc: N.D.



#16 AR-1242-1

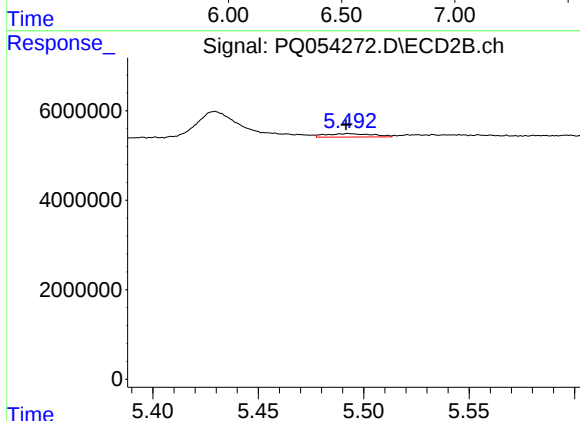
R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 1186130
Conc: 4.36 ng/ml



#17 AR-1242-2

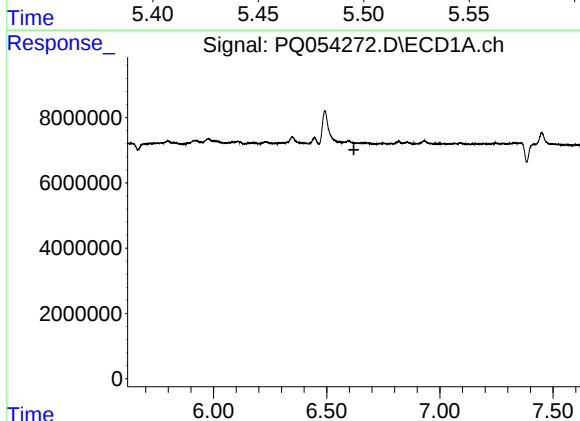
R.T.: 0.000 min
Exp R.T.: 6.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



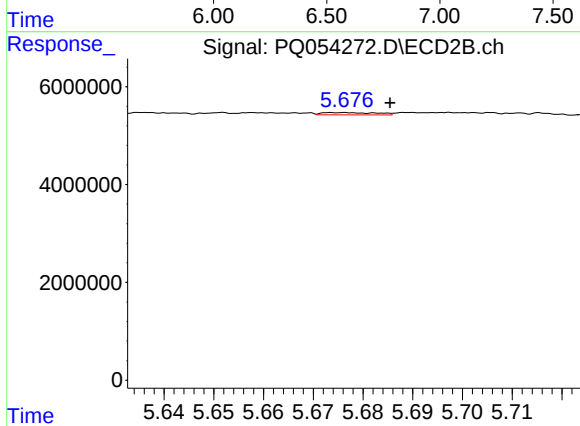
#17 AR-1242-2

R.T.: 5.493 min
Delta R.T.: 0.001 min
Response: 1186130
Conc: 2.52 ng/ml



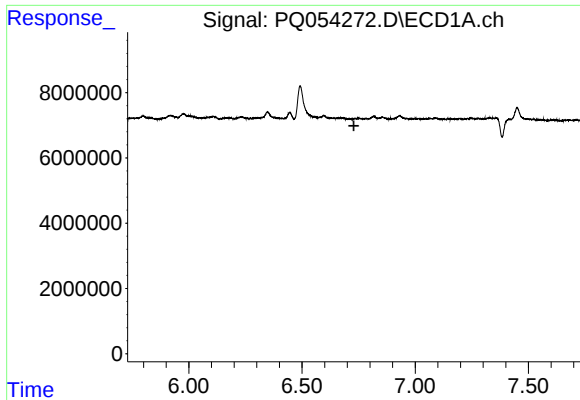
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.620 min
Response: 0
Conc: N.D.



#18 AR-1242-3

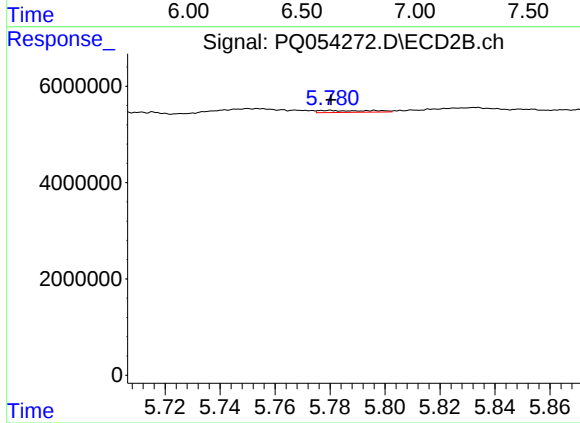
R.T.: 5.676 min
Delta R.T.: -0.010 min
Response: 357834
Conc: 1.62 ng/ml



#19 AR-1242-4

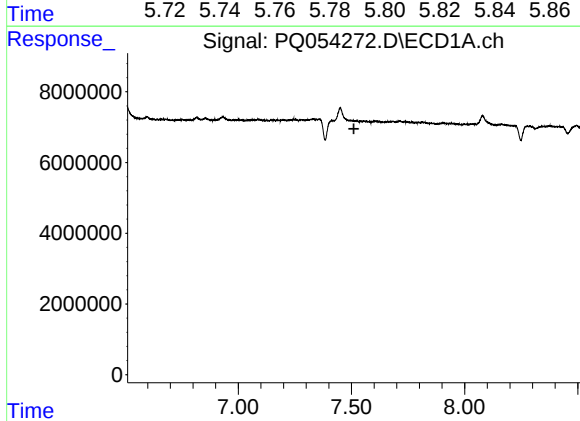
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



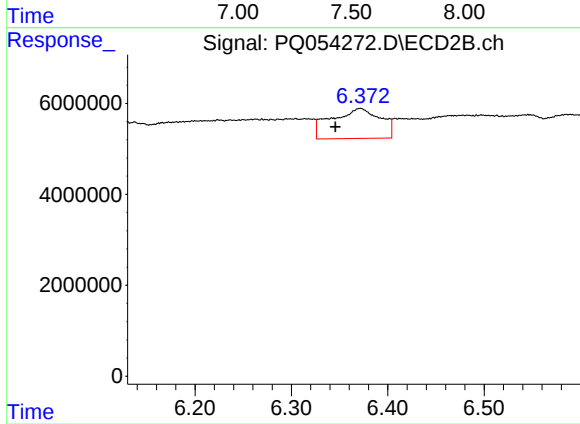
#19 AR-1242-4

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 552384
Conc: 2.55 ng/ml



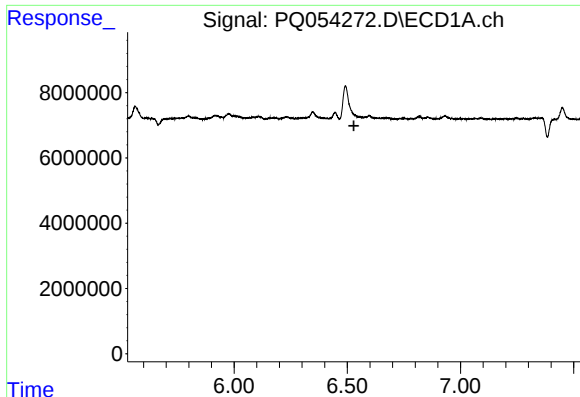
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.511 min
Response: 0
Conc: N.D.



#20 AR-1242-5

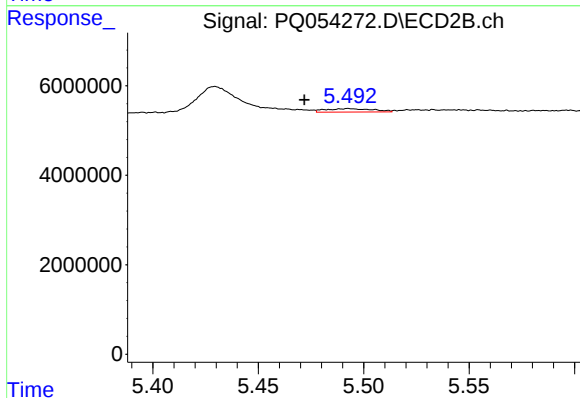
R.T.: 6.371 min
Delta R.T.: 0.026 min
Response: 23354599
Conc: 78.73 ng/ml



#21 AR-1248-1

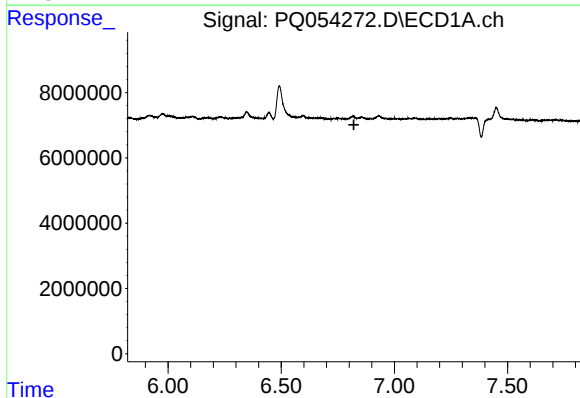
R.T.: 0.000 min
Exp R.T.: 6.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



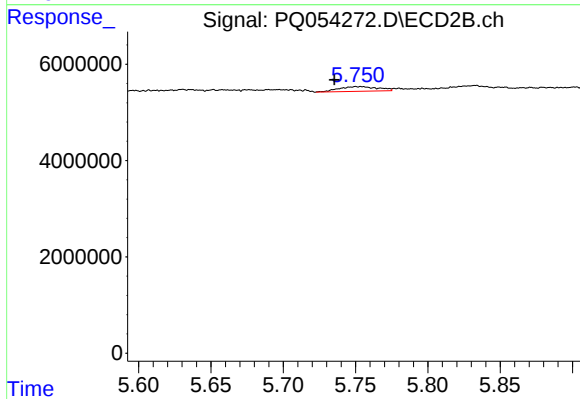
#21 AR-1248-1

R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 1186130
Conc: 5.26 ng/ml



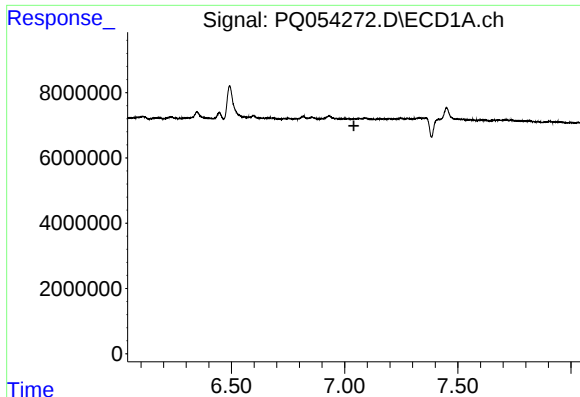
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.



#22 AR-1248-2

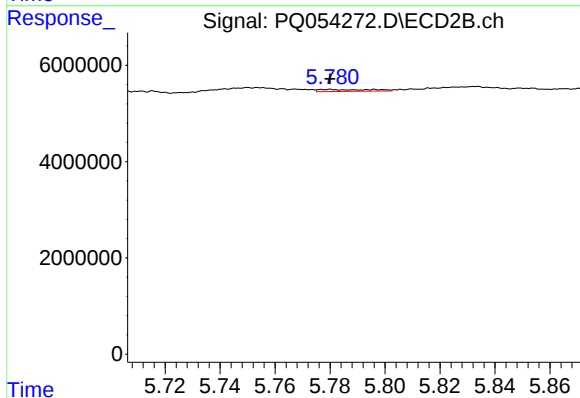
R.T.: 5.754 min
Delta R.T.: 0.019 min
Response: 1872168
Conc: 5.70 ng/ml



#23 AR-1248-3

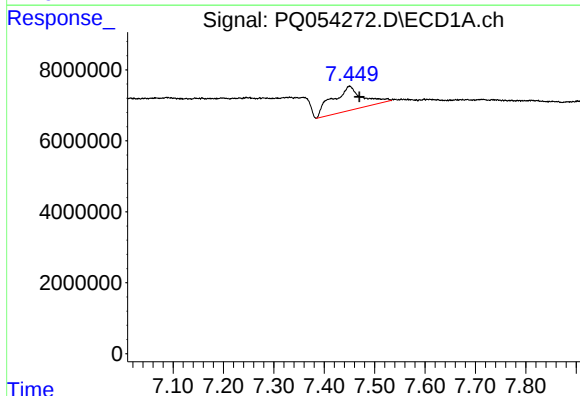
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



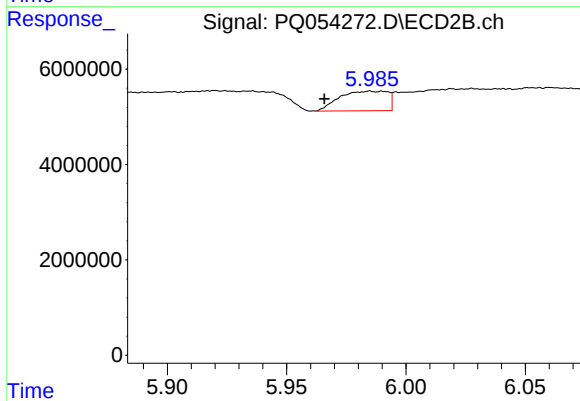
#23 AR-1248-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 552384
Conc: 1.67 ng/ml



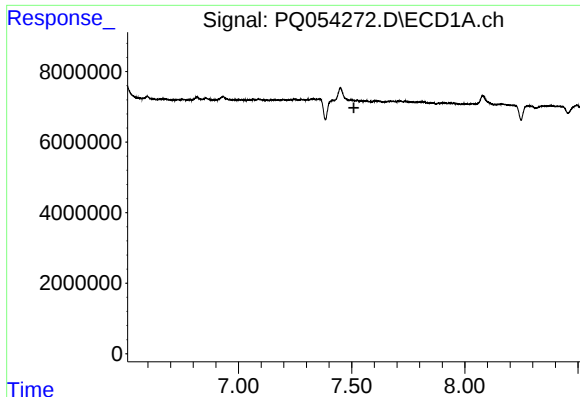
#24 AR-1248-4

R.T.: 7.450 min
Delta R.T.: -0.019 min
Response: 28278350
Conc: 42.57 ng/ml



#24 AR-1248-4

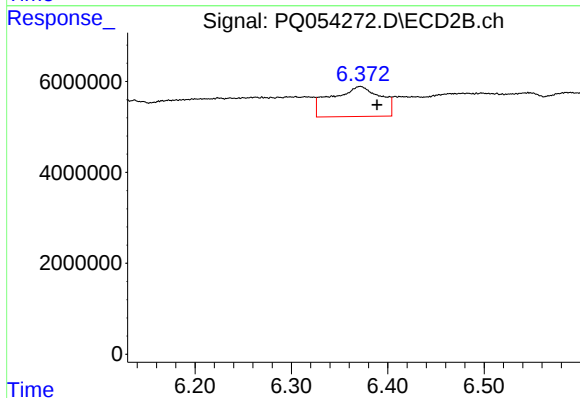
R.T.: 5.985 min
Delta R.T.: 0.019 min
Response: 5767504
Conc: 14.53 ng/ml



#25 AR-1248-5

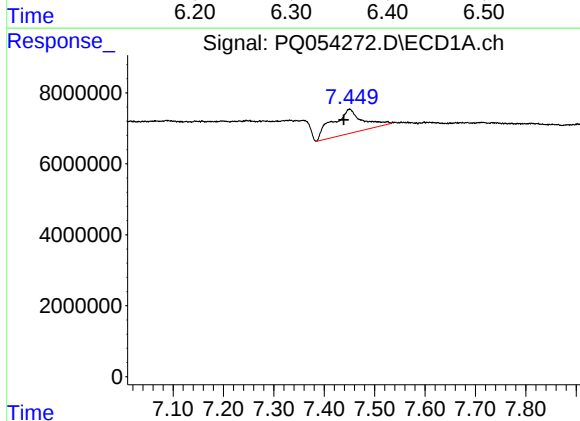
R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



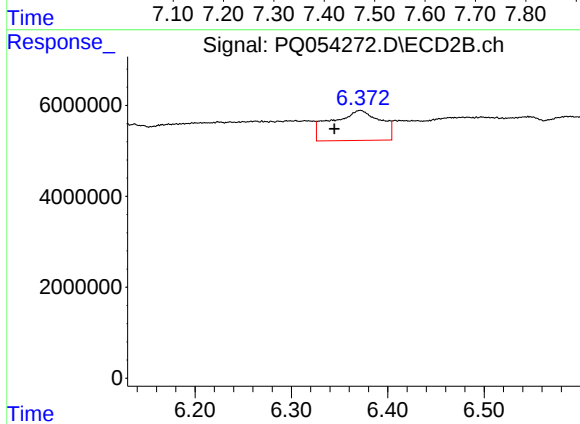
#25 AR-1248-5

R.T.: 6.371 min
Delta R.T.: -0.017 min
Response: 23354599
Conc: 58.60 ng/ml



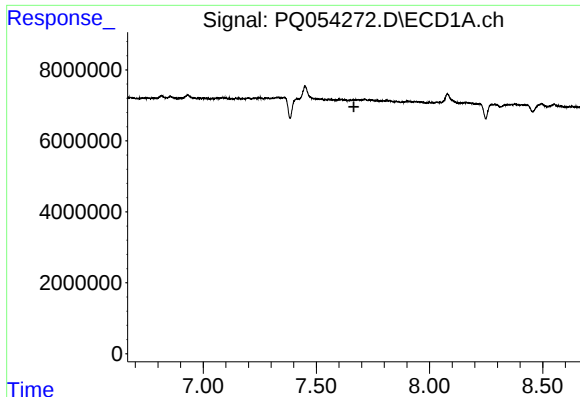
#26 AR-1254-1

R.T.: 7.450 min
Delta R.T.: 0.012 min
Response: 28278350
Conc: 40.01 ng/ml



#26 AR-1254-1

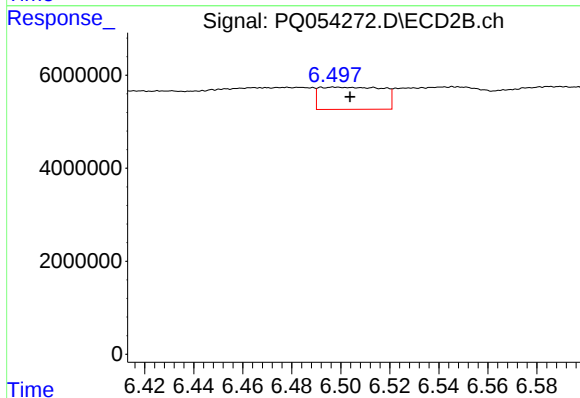
R.T.: 6.371 min
Delta R.T.: 0.027 min
Response: 23354599
Conc: 34.92 ng/ml



#27 AR-1254-2

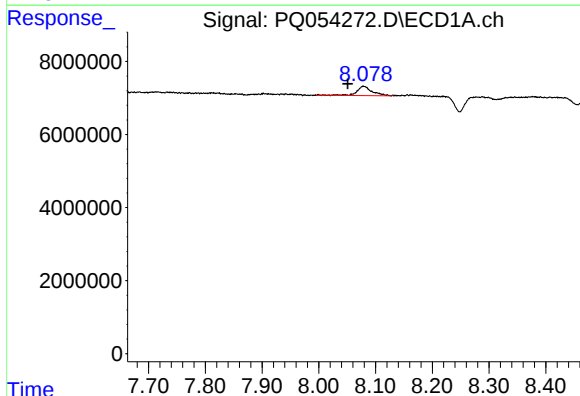
R.T.: 0.000 min
Exp R.T.: 7.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



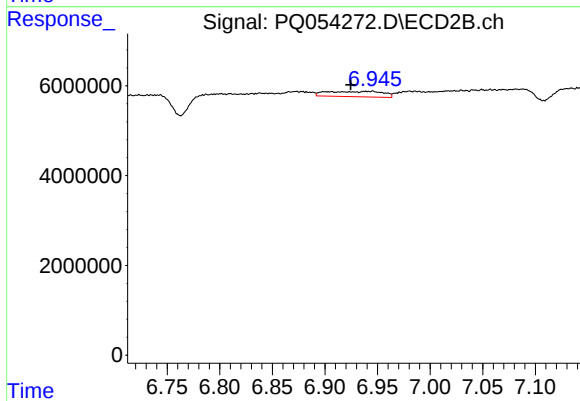
#27 AR-1254-2

R.T.: 6.497 min
Delta R.T.: -0.006 min
Response: 8577759
Conc: 13.95 ng/ml



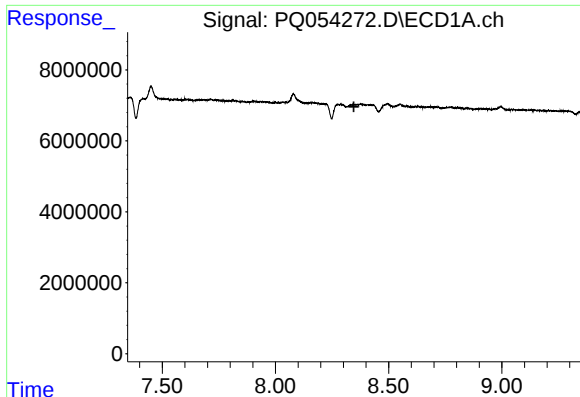
#28 AR-1254-3

R.T.: 8.079 min
Delta R.T.: 0.028 min
Response: 4705546
Conc: 4.00 ng/ml



#28 AR-1254-3

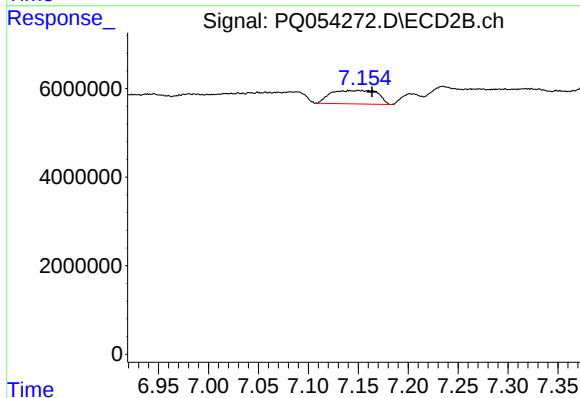
R.T.: 6.942 min
Delta R.T.: 0.018 min
Response: 4402635
Conc: 4.56 ng/ml



#29 AR-1254-4

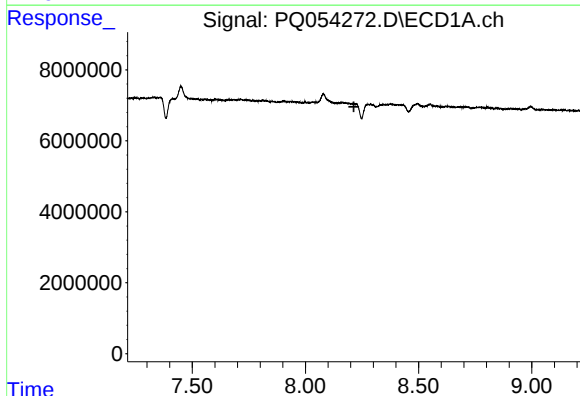
R.T.: 0.000 min
Exp R.T.: 8.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



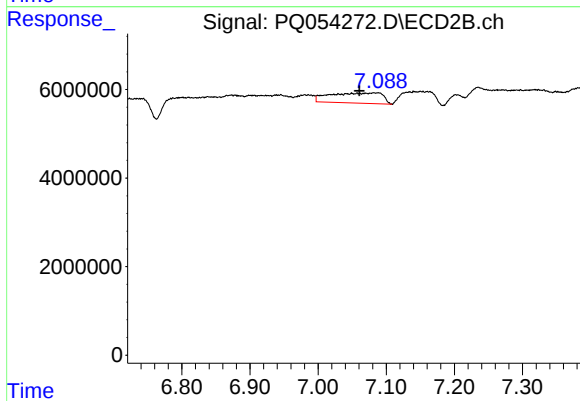
#29 AR-1254-4

R.T.: 7.151 min
Delta R.T.: -0.013 min
Response: 9933871
Conc: 14.91 ng/ml



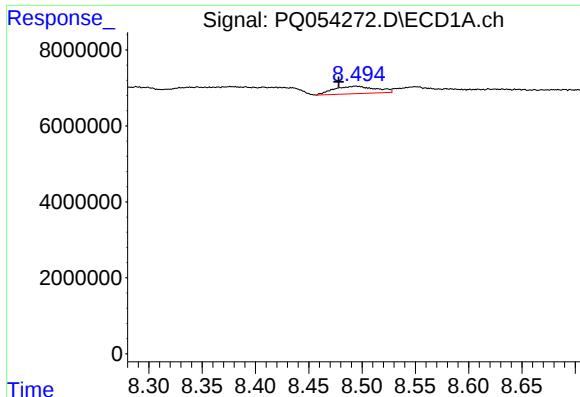
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.



#31 AR-1260-1

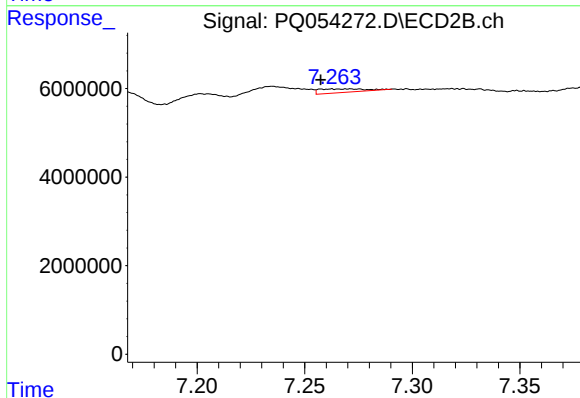
R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 12332789
Conc: 16.45 ng/ml



#32 AR-1260-2

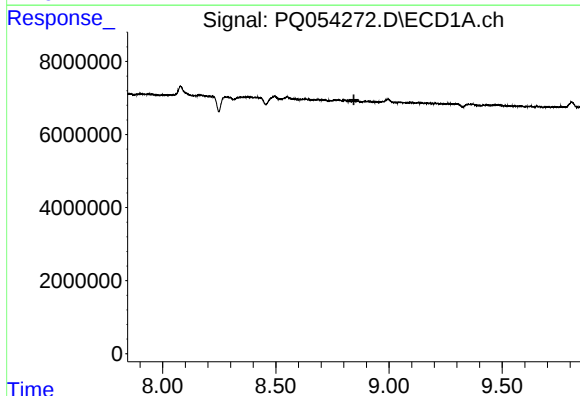
R.T.: 8.494 min
Delta R.T.: 0.016 min
Response: 5333832
Conc: 4.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



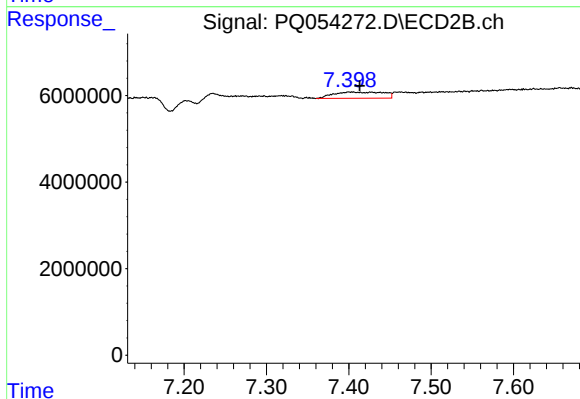
#32 AR-1260-2

R.T.: 7.270 min
Delta R.T.: 0.013 min
Response: 1237519
Conc: 1.18 ng/ml



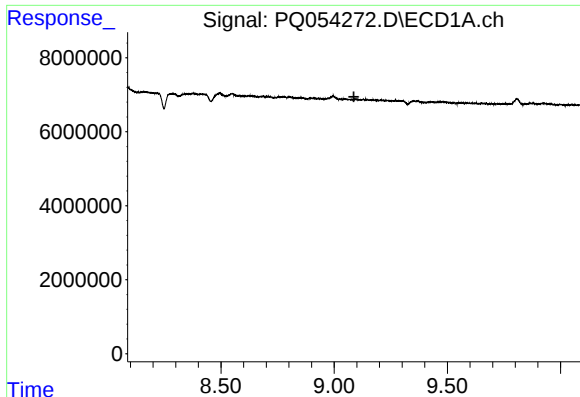
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.



#33 AR-1260-3

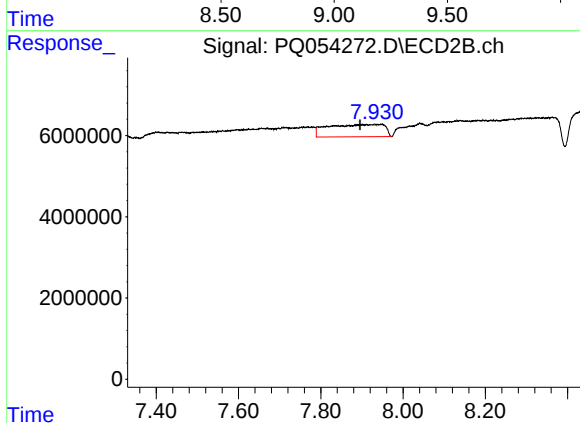
R.T.: 7.402 min
Delta R.T.: -0.011 min
Response: 6127108
Conc: 7.04 ng/ml



#34 AR-1260-4

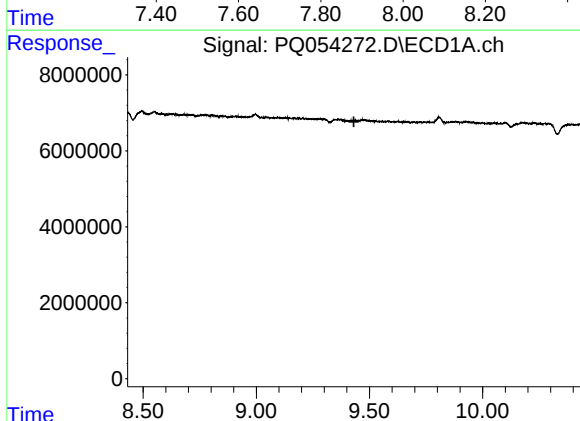
R.T.: 0.000 min
Exp R.T.: 9.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



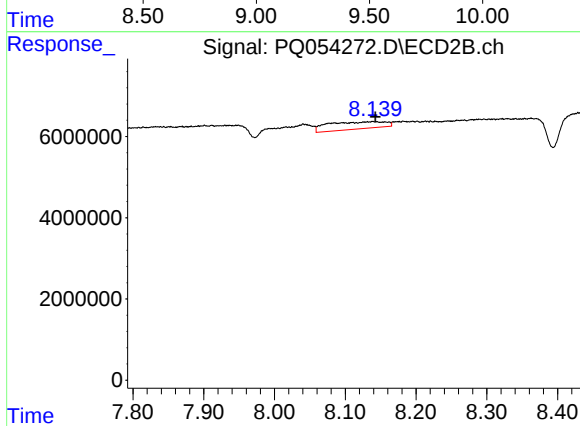
#34 AR-1260-4

R.T.: 7.912 min
Delta R.T.: 0.016 min
Response: 29070554
Conc: 46.69 ng/ml



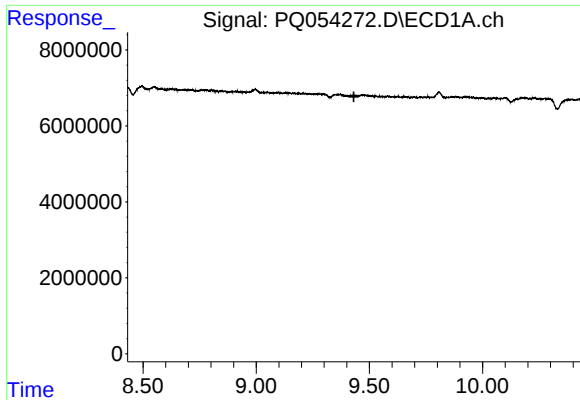
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 9.431 min
Response: 0
Conc: N.D.



#35 AR-1260-5

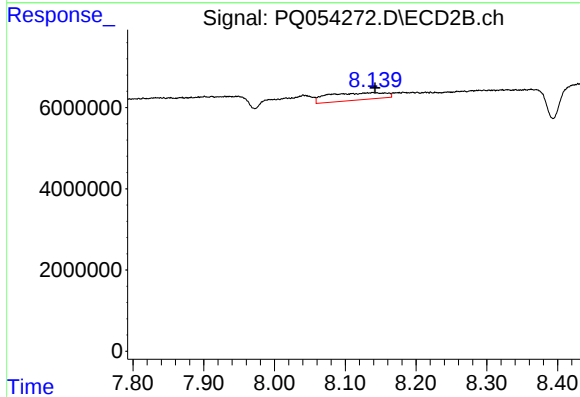
R.T.: 8.140 min
Delta R.T.: -0.003 min
Response: 10001815
Conc: 5.84 ng/ml



#37 AR-1262-2

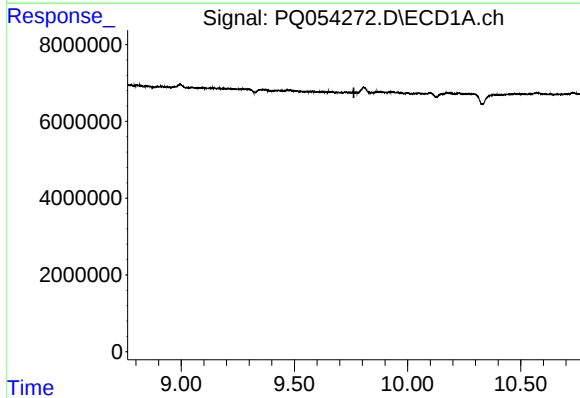
R.T.: 0.000 min
Exp R.T.: 9.432 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



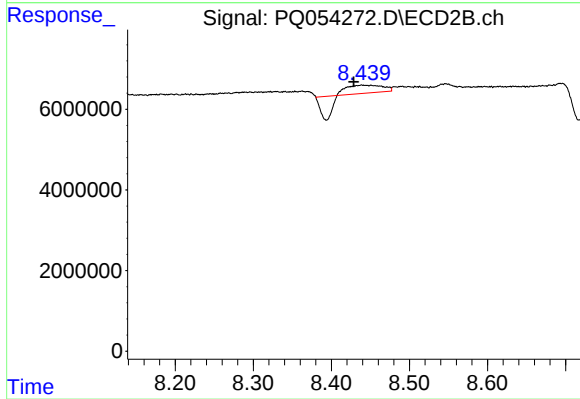
#37 AR-1262-2

R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 10001815
Conc: 5.31 ng/ml



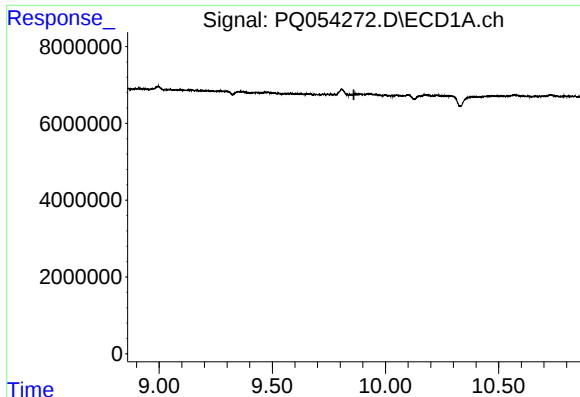
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.763 min
Response: 0
Conc: N.D.



#38 AR-1262-3

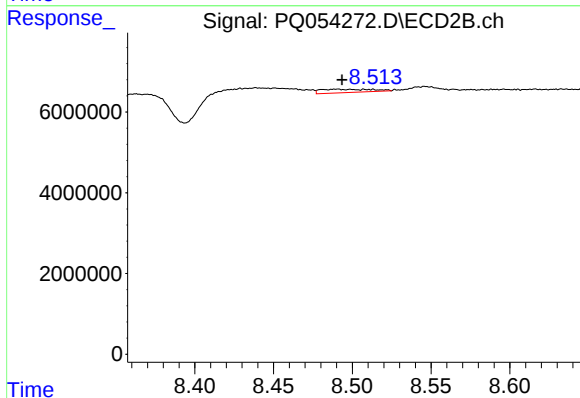
R.T.: 8.440 min
Delta R.T.: 0.011 min
Response: 1018938
Conc: 1.33 ng/ml



#39 AR-1262-4

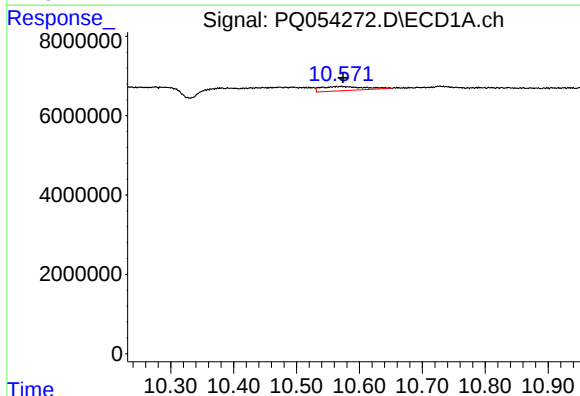
R.T.: 0.000 min
Exp R.T.: 9.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



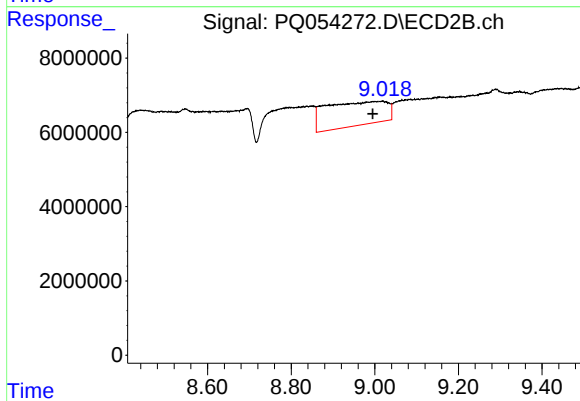
#39 AR-1262-4

R.T.: 8.498 min
Delta R.T.: 0.005 min
Response: 1868076
Conc: 1.49 ng/ml



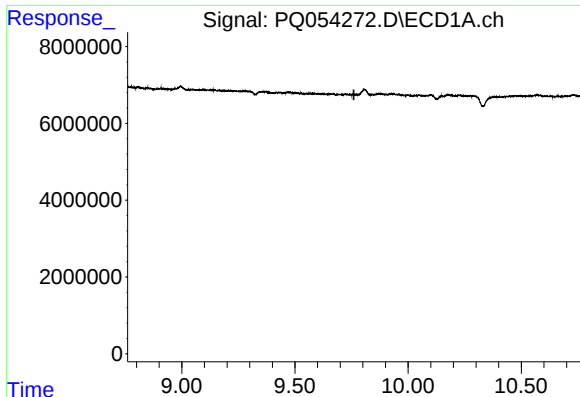
#40 AR-1262-5

R.T.: 10.570 min
Delta R.T.: -0.004 min
Response: 4984658
Conc: 7.52 ng/ml



#40 AR-1262-5

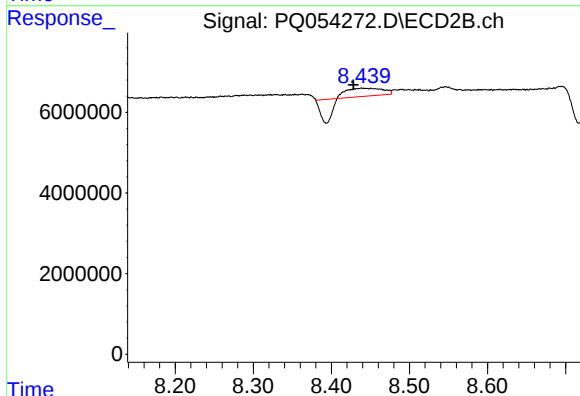
R.T.: 9.018 min
Delta R.T.: 0.022 min
Response: 65337051
Conc: 113.21 ng/ml



#41 AR-1268-1

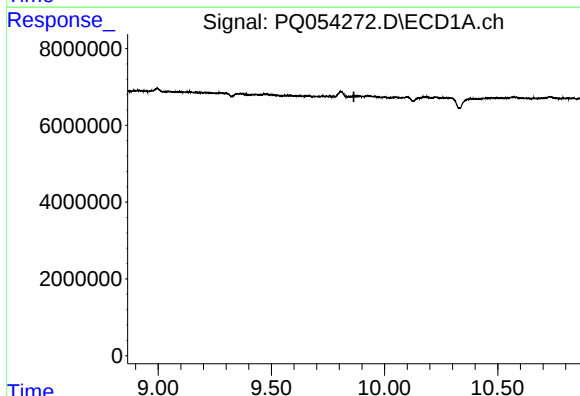
R.T.: 0.000 min
Exp R.T.: 9.760 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



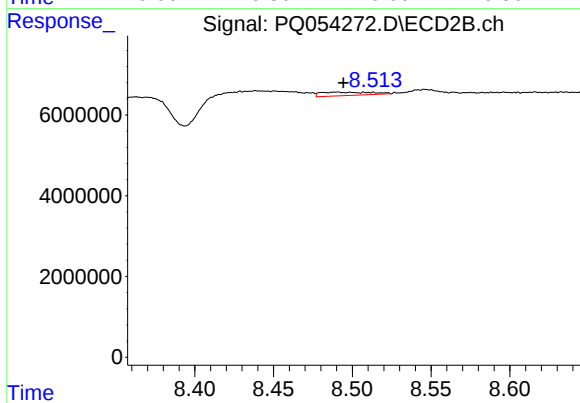
#41 AR-1268-1

R.T.: 8.440 min
Delta R.T.: 0.011 min
Response: 1018938
Conc: 0.45 ng/ml



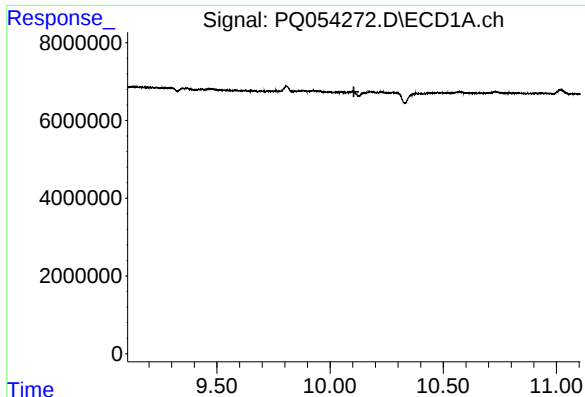
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.864 min
Response: 0
Conc: N.D.



#42 AR-1268-2

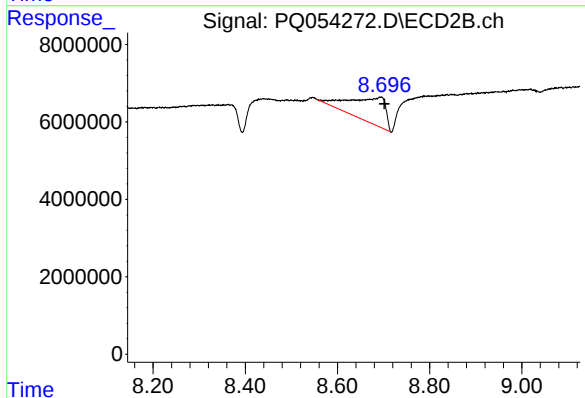
R.T.: 8.498 min
Delta R.T.: 0.004 min
Response: 1868076
Conc: 1.00 ng/ml



#43 AR-1268-3

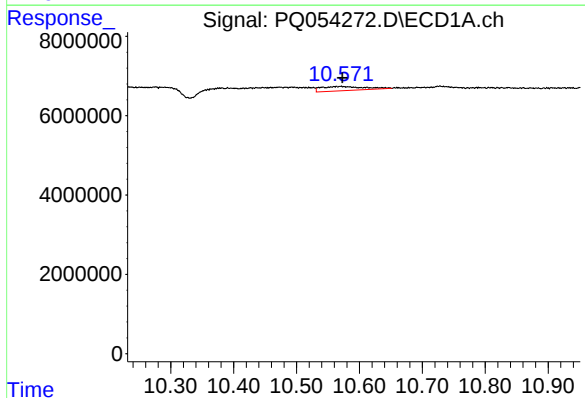
R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



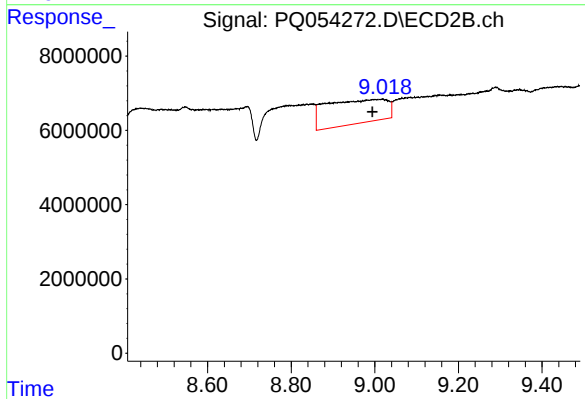
#43 AR-1268-3

R.T.: 8.694 min
Delta R.T.: -0.008 min
Response: 35821144
Conc: 21.43 ng/ml



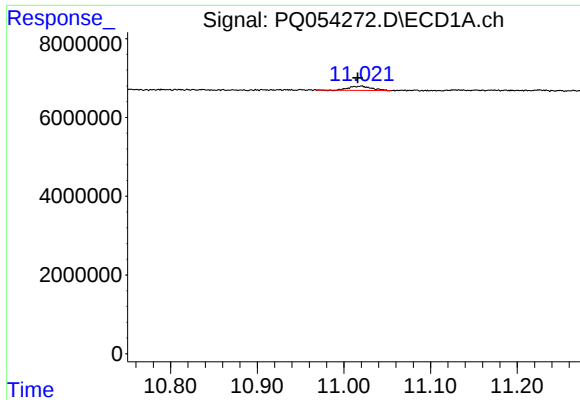
#44 AR-1268-4

R.T.: 10.570 min
Delta R.T.: -0.003 min
Response: 4984658
Conc: 6.81 ng/ml



#44 AR-1268-4

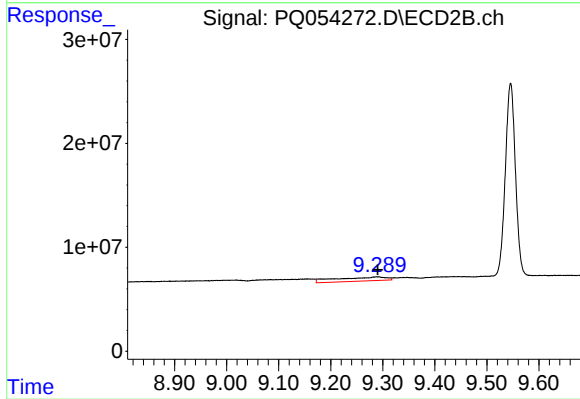
R.T.: 9.018 min
Delta R.T.: 0.023 min
Response: 65337051
Conc: 100.19 ng/ml



#45 AR-1268-5

R.T.: 11.020 min
Delta R.T.: 0.004 min
Response: 1984061
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 9.289 min
Delta R.T.: 0.000 min
Response: 26067777
Conc: 5.53 ng/ml