

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081721\
 Data File : PQ054269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2021 11:31
 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 17 19:11:42 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...	5.205	4.211	421.8E6	268.9E6	18.063	19.022
2)	SA Decachlor...	11.375	9.543	329.7E6	298.8E6	19.595	23.692
Target Compounds							
3)	L1 AR-1016-1	0.000	5.476	0	232392	N.D.	0.513 #
4)	L1 AR-1016-2	0.000	5.494	0	1993924	N.D.	2.690 #
5)	L1 AR-1016-3	0.000	5.675	0	107752	N.D.	0.299 #
6)	L1 AR-1016-4	0.000	5.750f	0	1117786	N.D.	3.916 #
7)	L1 AR-1016-5	0.000	5.980	0	1931753	N.D.	5.302 #
8)	L2 AR-1221-1	5.426f	4.456	2195903	576402	9.076	4.045 #
9)	L2 AR-1221-2	5.562	4.567	15641826	4889644	86.349	46.351 #
10)	L2 AR-1221-3	0.000	4.664	0	147202	N.D.	0.419 #
11)	L3 AR-1232-1	0.000	4.664	0	147202	N.D.	0.631 #
12)	L3 AR-1232-2	0.000	5.494	0	1993924	N.D.	6.885 #
13)	L3 AR-1232-3	0.000	5.694	0	246038	N.D.	1.854 #
14)	L3 AR-1232-4	0.000	5.780	0	78101	N.D.	0.684 #
15)	L3 AR-1232-5	0.000	5.980	0	1931753	N.D.	15.032 #
16)	L4 AR-1242-1	0.000	5.476	0	232392	N.D.	0.855 #
17)	L4 AR-1242-2	0.000	5.494	0	1993924	N.D.	4.236 #
18)	L4 AR-1242-3	0.000	5.694	0	246038	N.D.	1.115 #
19)	L4 AR-1242-4	0.000	5.780	0	78101	N.D.	0.361 #
20)	L4 AR-1242-5	0.000	6.345	0	4775642	N.D.	16.098 #
21)	L5 AR-1248-1	0.000	5.476	0	232392	N.D.	1.030 #
22)	L5 AR-1248-2	0.000	5.750	0	1117786	N.D.	3.406 #
23)	L5 AR-1248-3	0.000	5.780	0	78101	N.D.	0.236 #
24)	L5 AR-1248-4	7.448f	5.980	332767	1931753	0.501	4.867 #
25)	L5 AR-1248-5	0.000	6.370f	0	9238814	N.D.	23.181 #
26)	L6 AR-1254-1	7.448	6.345	332767	4775642	0.471	7.141 #
27)	L6 AR-1254-2	0.000	6.493	0	3911731	N.D.	6.362 #
28)	L6 AR-1254-3	8.078f	6.908f	3142688	2548856	2.672	2.640
29)	L6 AR-1254-4	8.369f	7.157	17907251	10043153	20.318	15.070 #
30)	L6 AR-1254-5	0.000	7.596	0	5758978	N.D.	5.905 #
31)	L7 AR-1260-1	0.000	7.057	0	2135570	N.D.	2.849 #
32)	L7 AR-1260-2	8.490	7.261	5238914	1176166	4.614	1.126 #
33)	L7 AR-1260-3	0.000	7.415	0	2663363	N.D.	3.060 #
34)	L7 AR-1260-4	0.000	7.892	0	2109311	N.D.	3.388 #
35)	L7 AR-1260-5	0.000	8.141	0	8131827	N.D.	4.746 #
36)	L8 AR-1262-1	0.000	7.596	0	5758978	N.D.	12.743 #
37)	L8 AR-1262-2	0.000	8.141	0	8131827	N.D.	4.318 #
38)	L8 AR-1262-3	0.000	8.444	0	3242357	N.D.	4.224 #
39)	L8 AR-1262-4	0.000	8.492	0	968627	N.D.	0.775 #
40)	L8 AR-1262-5	10.567	9.020f	4764785	33863436	7.189	58.675 #
41)	L9 AR-1268-1	0.000	8.444f	0	3242357	N.D.	1.437 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081721\
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 Acq On : 17 Aug 2021 11:31
 Operator : AJ\MA
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

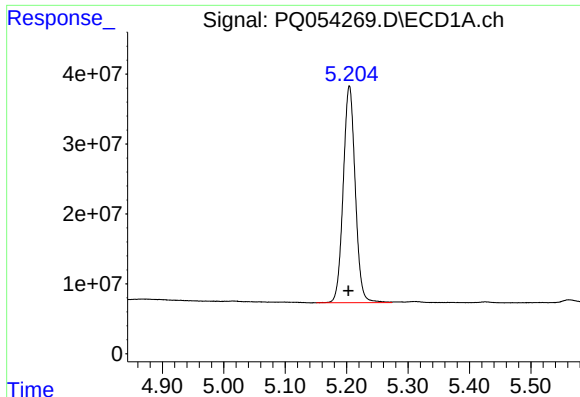
Instrument :
 ECD_Q
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 19:11:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
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 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	0.000	8.492	0	968627	N.D.	0.519 #
43) L9	AR-1268-3	0.000	8.693	0	17839929	N.D.	10.672 #
44) L9	AR-1268-4	10.567	9.020f	4764785	33863436	6.514	51.927 #
45) L9	AR-1268-5	11.015	9.288	2609018	24474872	0.478	5.194 #

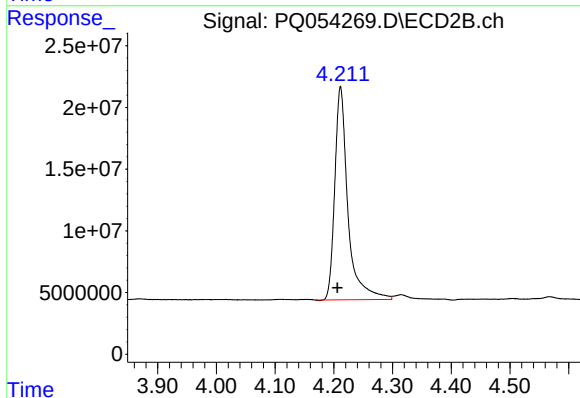
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

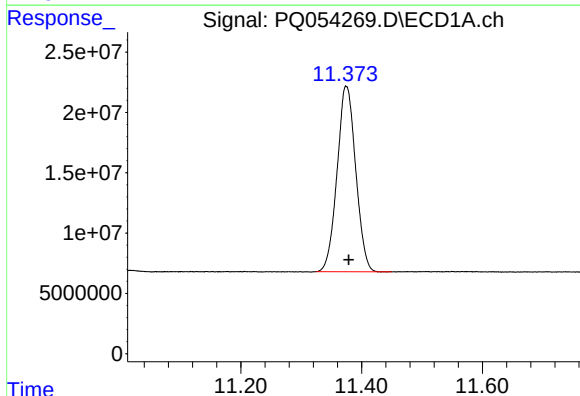
R.T.: 5.205 min
Delta R.T.: 0.002 min
Response: 421815700
Conc: 18.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



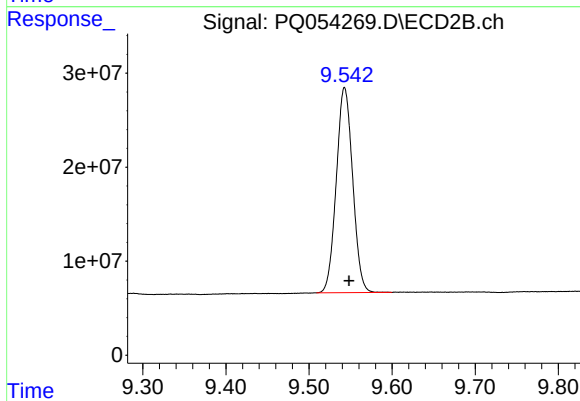
#1 Tetrachloro-m-xylene

R.T.: 4.211 min
Delta R.T.: 0.005 min
Response: 268921762
Conc: 19.02 ng/ml



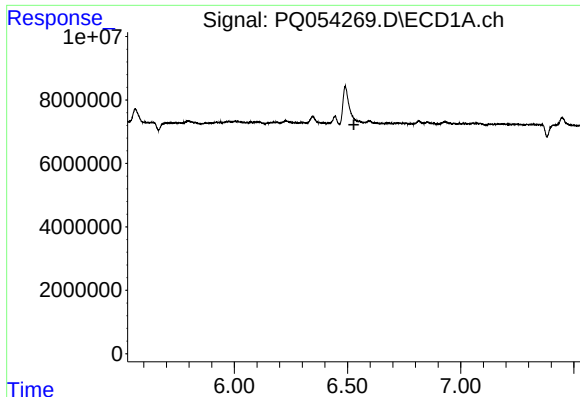
#2 Decachlorobiphenyl

R.T.: 11.375 min
Delta R.T.: -0.004 min
Response: 329713359
Conc: 19.60 ng/ml



#2 Decachlorobiphenyl

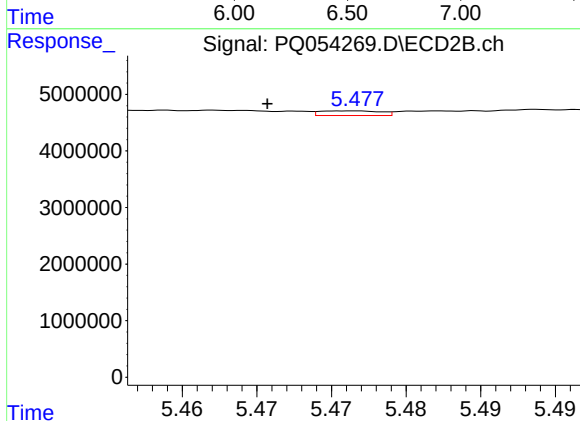
R.T.: 9.543 min
Delta R.T.: -0.005 min
Response: 298848587
Conc: 23.69 ng/ml



#3 AR-1016-1

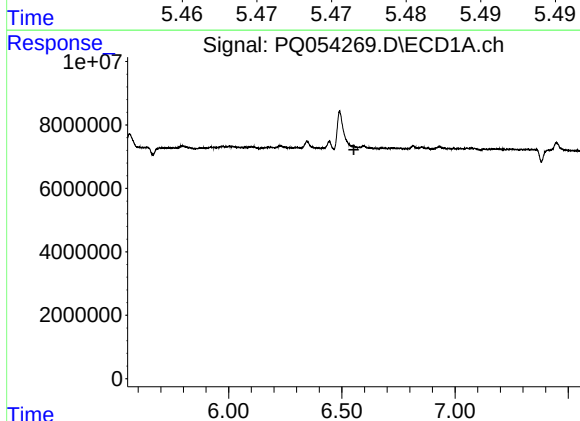
R.T.: 0.000 min
Exp R.T.: 6.528 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



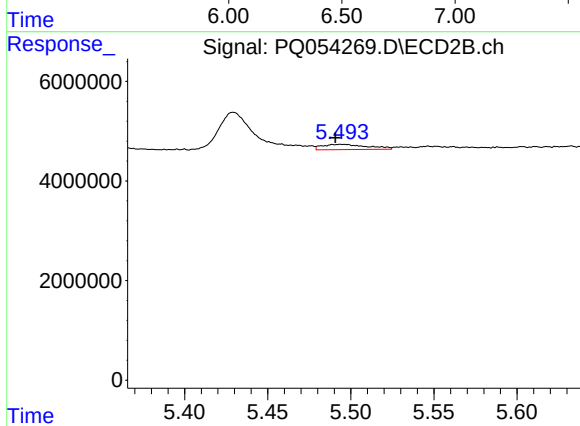
#3 AR-1016-1

R.T.: 5.476 min
Delta R.T.: 0.006 min
Response: 232392
Conc: 0.51 ng/ml



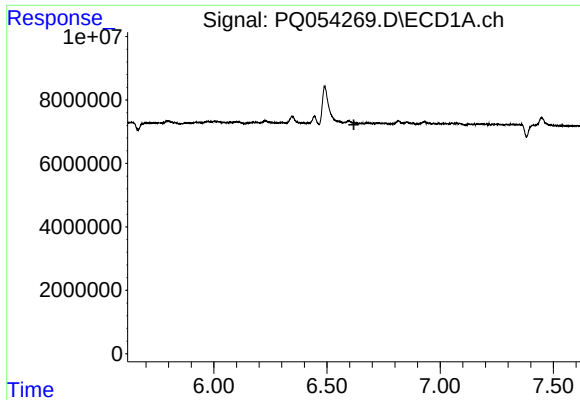
#4 AR-1016-2

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



#4 AR-1016-2

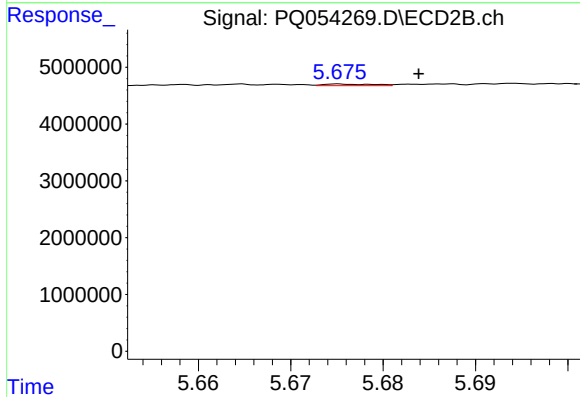
R.T.: 5.494 min
Delta R.T.: 0.003 min
Response: 1993924
Conc: 2.69 ng/ml



#5 AR-1016-3

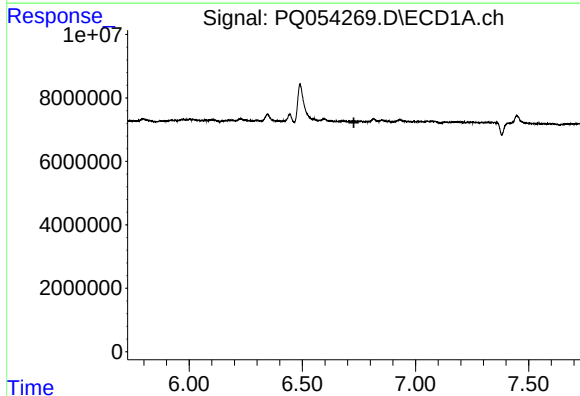
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



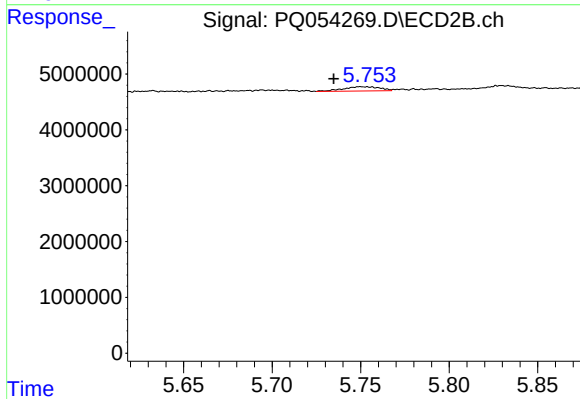
#5 AR-1016-3

R.T.: 5.675 min
Delta R.T.: -0.008 min
Response: 107752
Conc: 0.30 ng/ml



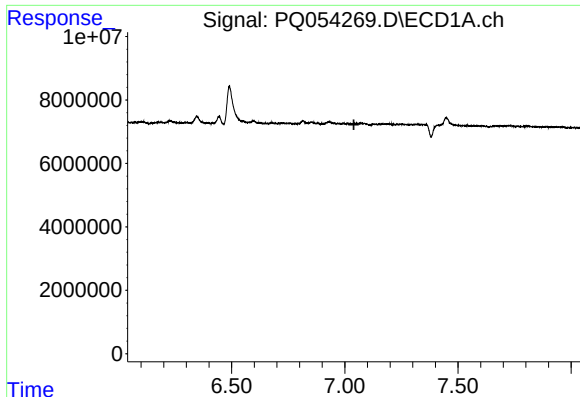
#6 AR-1016-4

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



#6 AR-1016-4

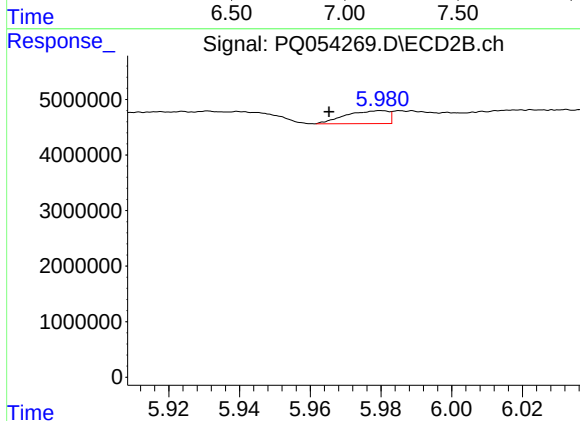
R.T.: 5.750 min
Delta R.T.: 0.015 min
Response: 1117786
Conc: 3.92 ng/ml



#7 AR-1016-5

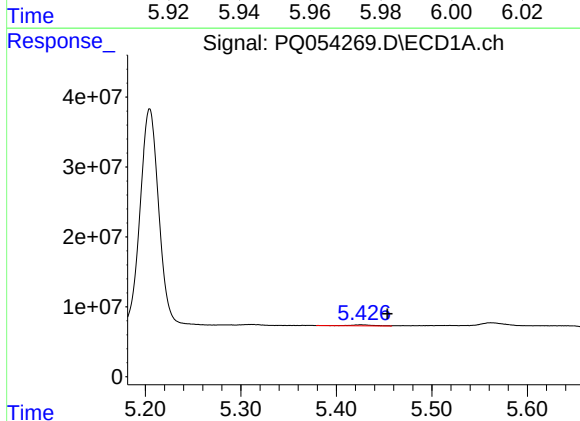
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



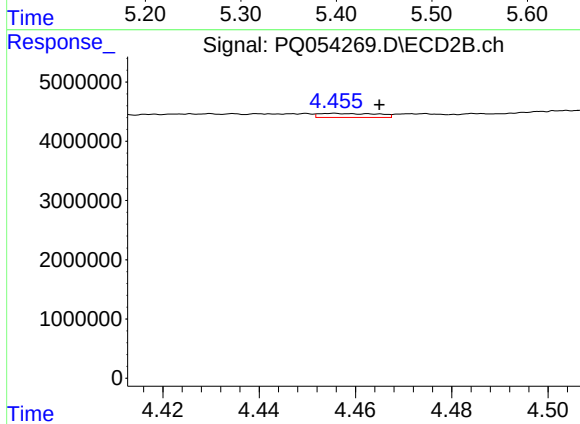
#7 AR-1016-5

R.T.: 5.980 min
Delta R.T.: 0.015 min
Response: 1931753
Conc: 5.30 ng/ml



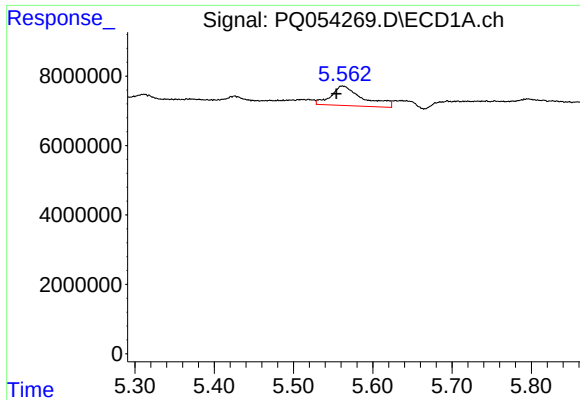
#8 AR-1221-1

R.T.: 5.426 min
Delta R.T.: -0.028 min
Response: 2195903
Conc: 9.08 ng/ml



#8 AR-1221-1

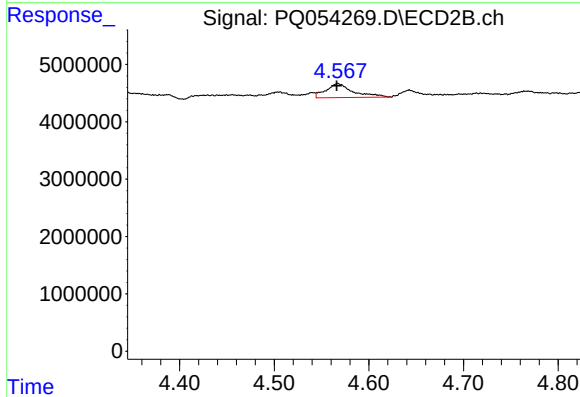
R.T.: 4.456 min
Delta R.T.: -0.009 min
Response: 576402
Conc: 4.05 ng/ml



#9 AR-1221-2

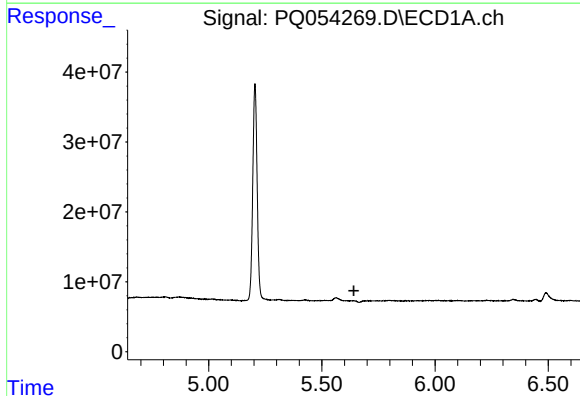
R.T.: 5.562 min
Delta R.T.: 0.008 min
Response: 15641826
Conc: 86.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



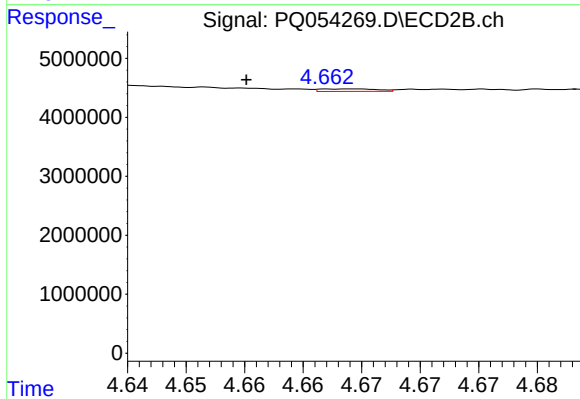
#9 AR-1221-2

R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 4889644
Conc: 46.35 ng/ml



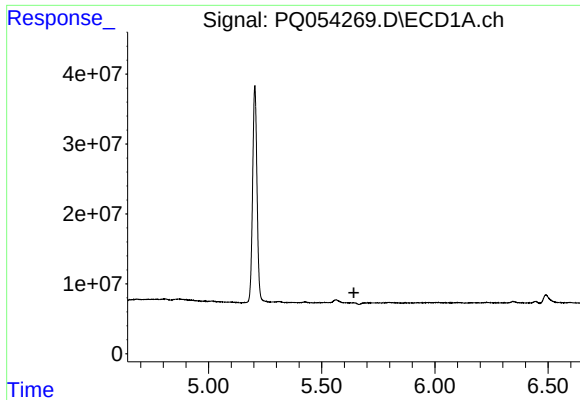
#10 AR-1221-3

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



#10 AR-1221-3

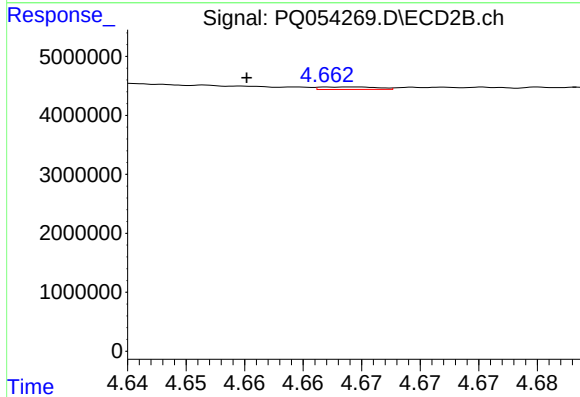
R.T.: 4.664 min
Delta R.T.: 0.009 min
Response: 147202
Conc: 0.42 ng/ml



#11 AR-1232-1

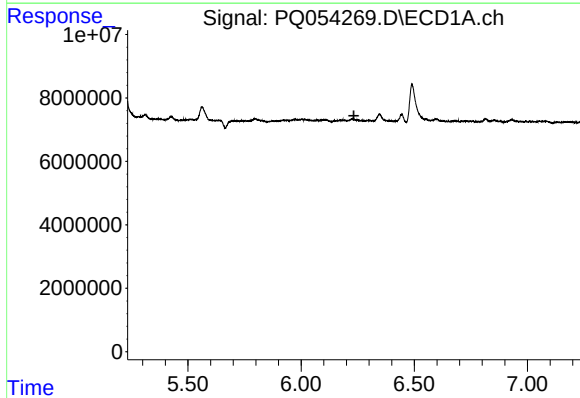
R.T.: 0.000 min
Exp R.T. : 5.642 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



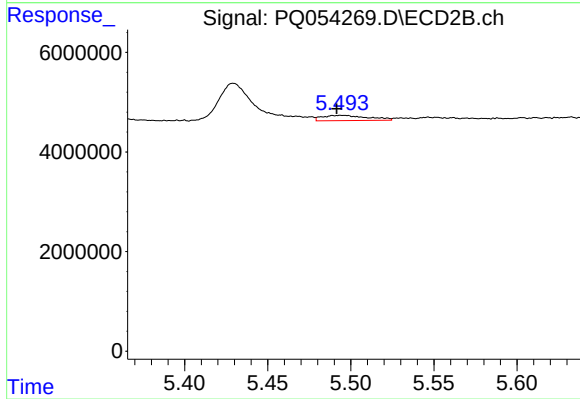
#11 AR-1232-1

R.T.: 4.664 min
Delta R.T.: 0.009 min
Response: 147202
Conc: 0.63 ng/ml



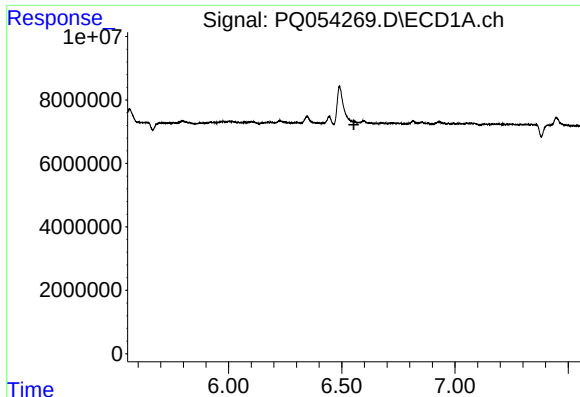
#12 AR-1232-2

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



#12 AR-1232-2

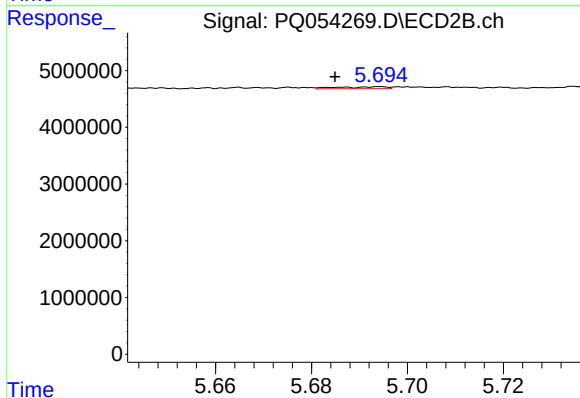
R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 1993924
Conc: 6.88 ng/ml



#13 AR-1232-3

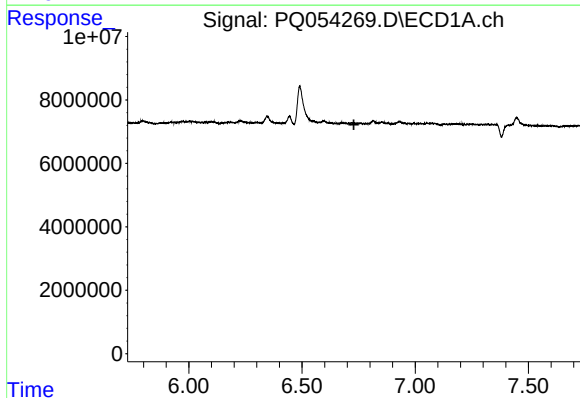
R.T.: 0.000 min
Exp R.T.: 6.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



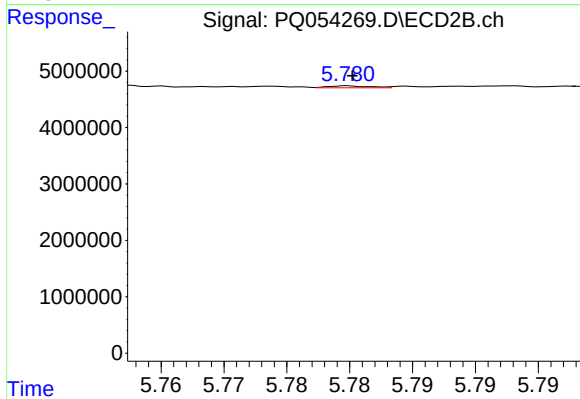
#13 AR-1232-3

R.T.: 5.694 min
Delta R.T.: 0.009 min
Response: 246038
Conc: 1.85 ng/ml



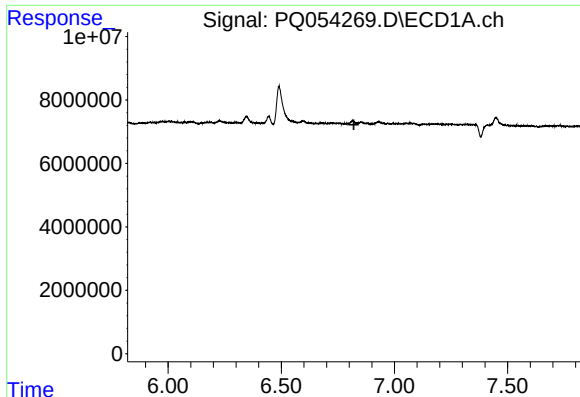
#14 AR-1232-4

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



#14 AR-1232-4

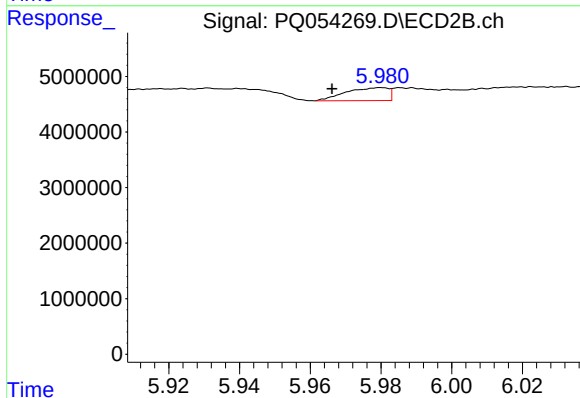
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 78101
Conc: 0.68 ng/ml



#15 AR-1232-5

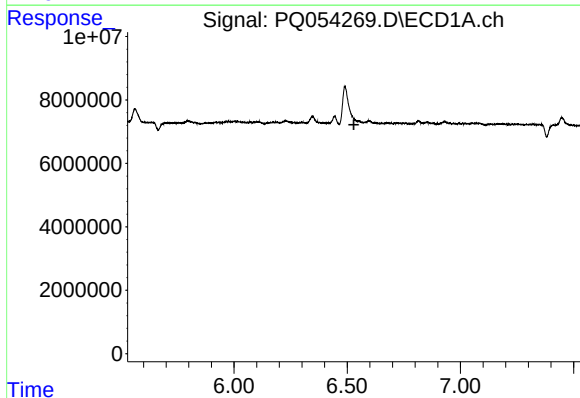
R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



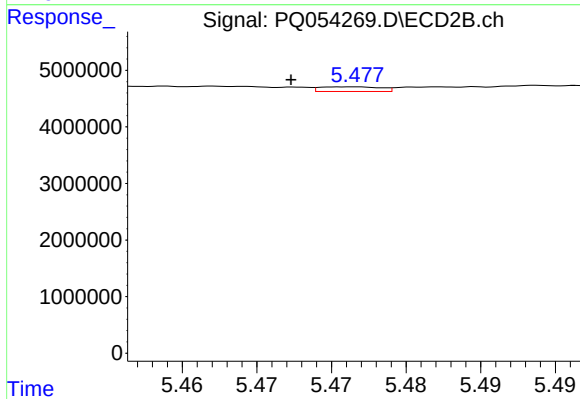
#15 AR-1232-5

R.T.: 5.980 min
Delta R.T.: 0.014 min
Response: 1931753
Conc: 15.03 ng/ml



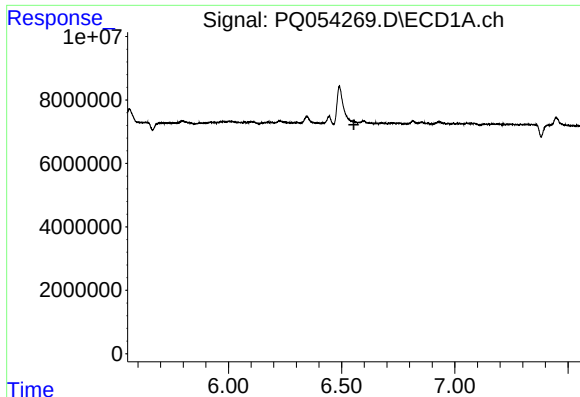
#16 AR-1242-1

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



#16 AR-1242-1

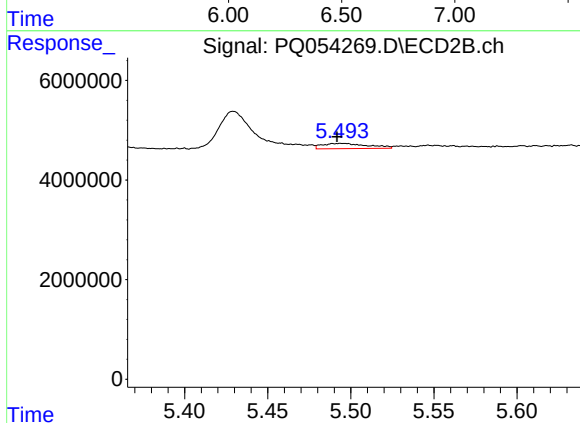
R.T.: 5.476 min
Delta R.T.: 0.004 min
Response: 232392
Conc: 0.85 ng/ml



#17 AR-1242-2

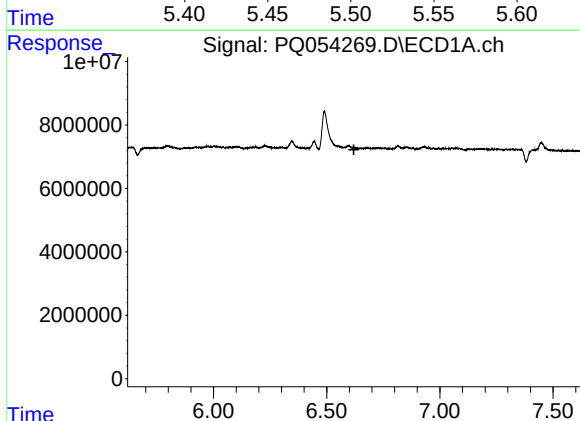
R.T.: 0.000 min
Exp R.T.: 6.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



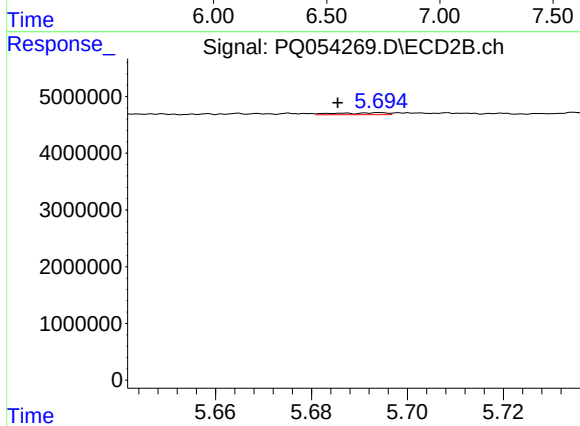
#17 AR-1242-2

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 1993924
Conc: 4.24 ng/ml



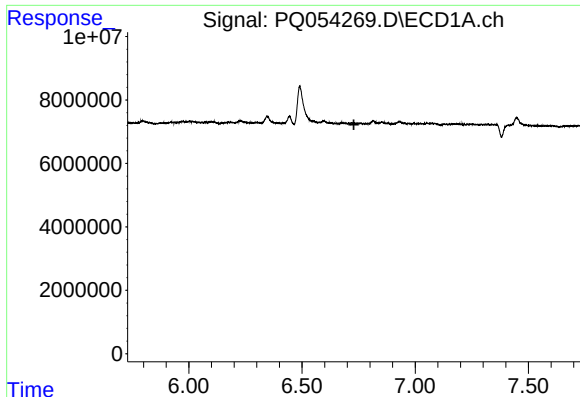
#18 AR-1242-3

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



#18 AR-1242-3

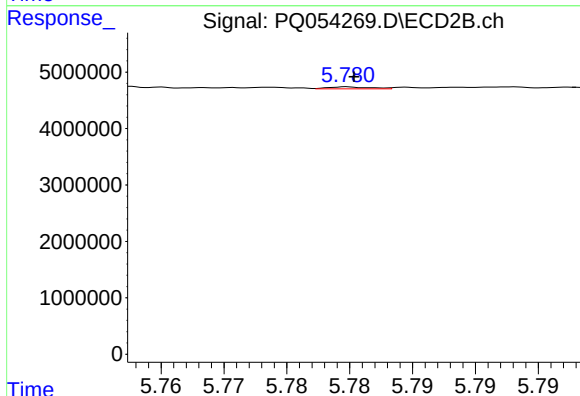
R.T.: 5.694 min
Delta R.T.: 0.009 min
Response: 246038
Conc: 1.12 ng/ml



#19 AR-1242-4

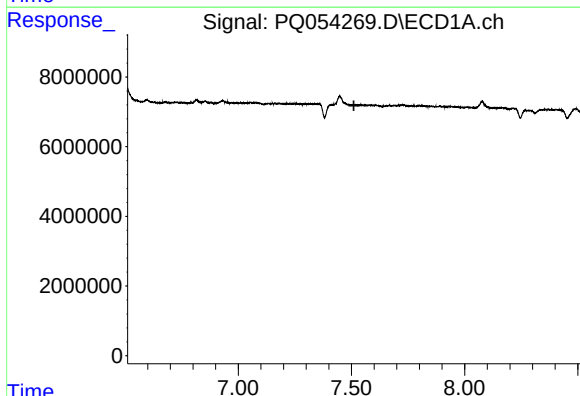
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



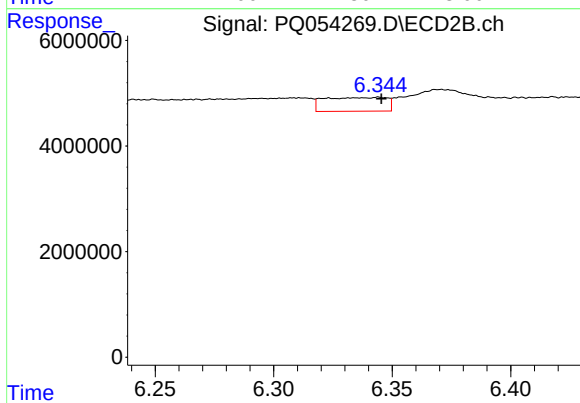
#19 AR-1242-4

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 78101
Conc: 0.36 ng/ml



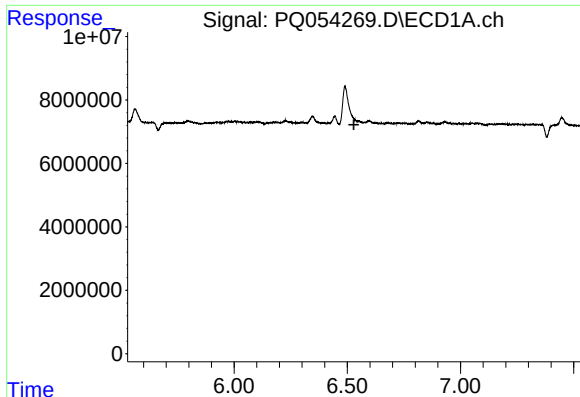
#20 AR-1242-5

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



#20 AR-1242-5

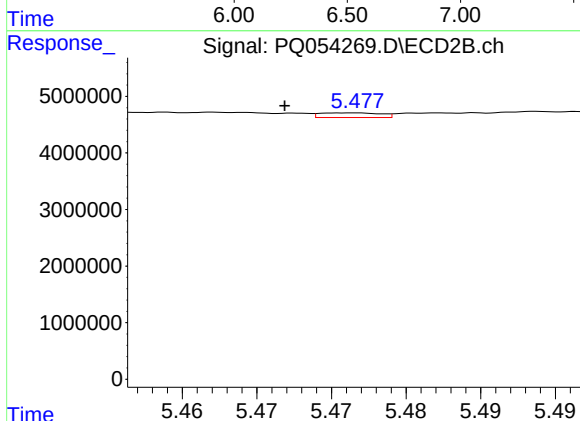
R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 4775642
Conc: 16.10 ng/ml



#21 AR-1248-1

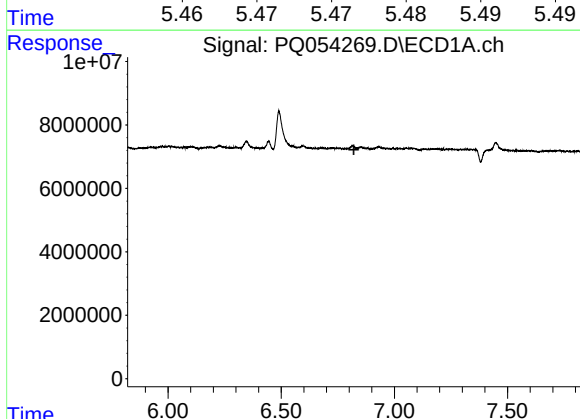
R.T.: 0.000 min
Exp R.T.: 6.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



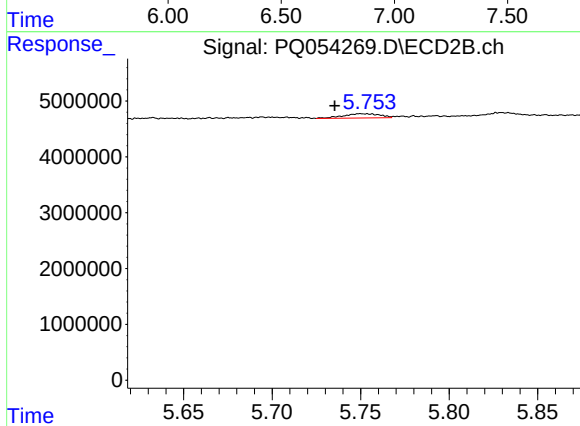
#21 AR-1248-1

R.T.: 5.476 min
Delta R.T.: 0.005 min
Response: 232392
Conc: 1.03 ng/ml



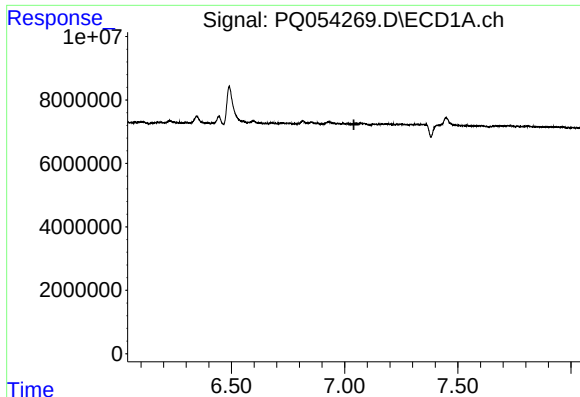
#22 AR-1248-2

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



#22 AR-1248-2

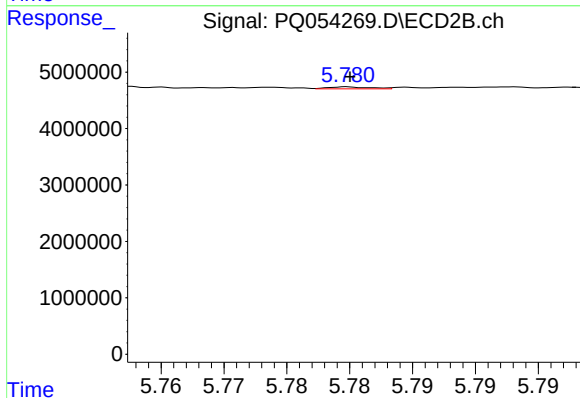
R.T.: 5.750 min
Delta R.T.: 0.014 min
Response: 1117786
Conc: 3.41 ng/ml



#23 AR-1248-3

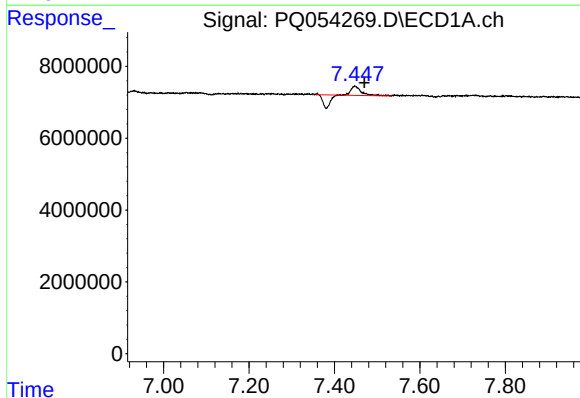
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



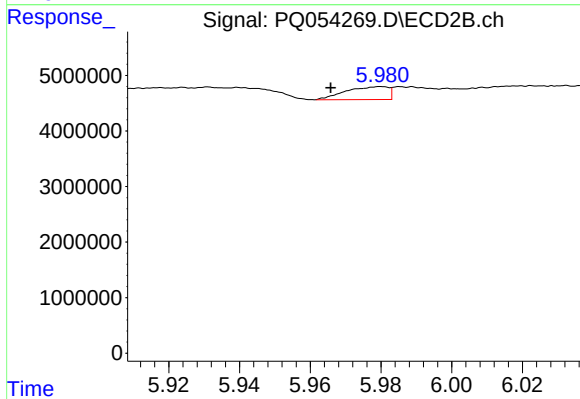
#23 AR-1248-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 78101
Conc: 0.24 ng/ml



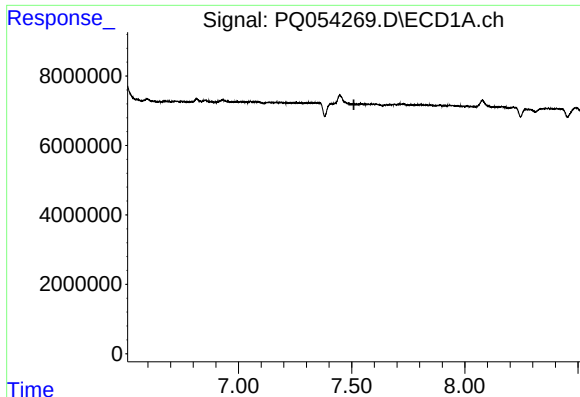
#24 AR-1248-4

R.T.: 7.448 min
Delta R.T.: -0.022 min
Response: 332767
Conc: 0.50 ng/ml



#24 AR-1248-4

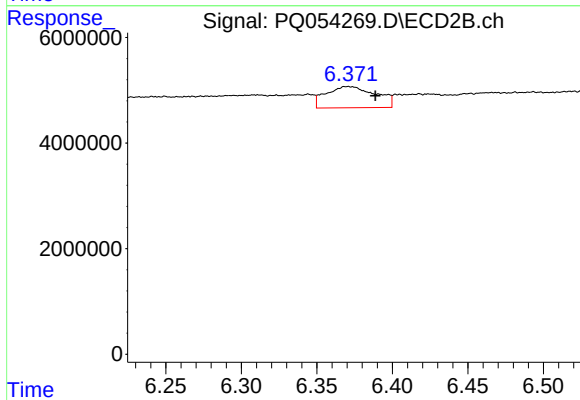
R.T.: 5.980 min
Delta R.T.: 0.014 min
Response: 1931753
Conc: 4.87 ng/ml



#25 AR-1248-5

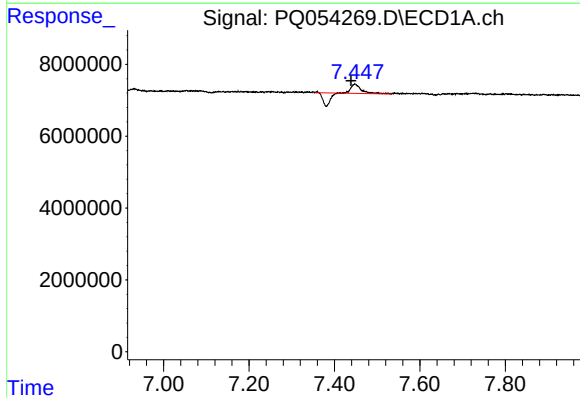
R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



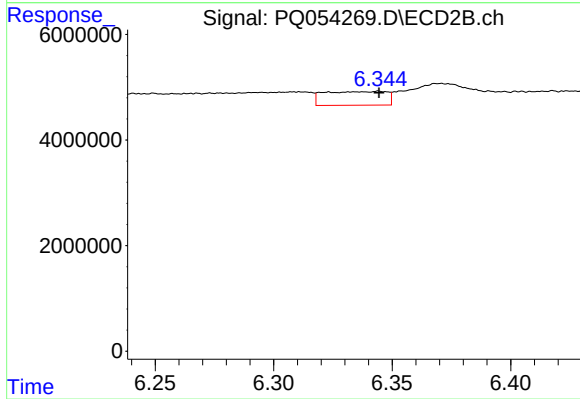
#25 AR-1248-5

R.T.: 6.370 min
Delta R.T.: -0.019 min
Response: 9238814
Conc: 23.18 ng/ml



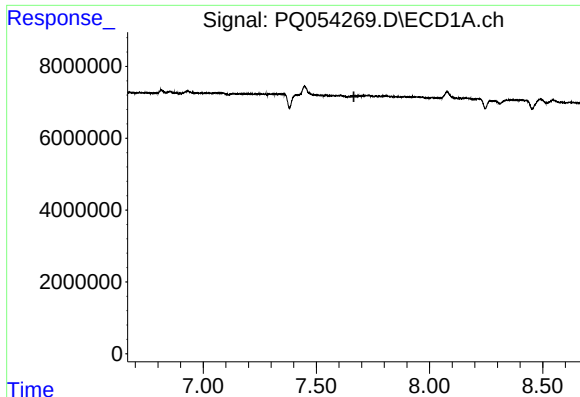
#26 AR-1254-1

R.T.: 7.448 min
Delta R.T.: 0.010 min
Response: 332767
Conc: 0.47 ng/ml



#26 AR-1254-1

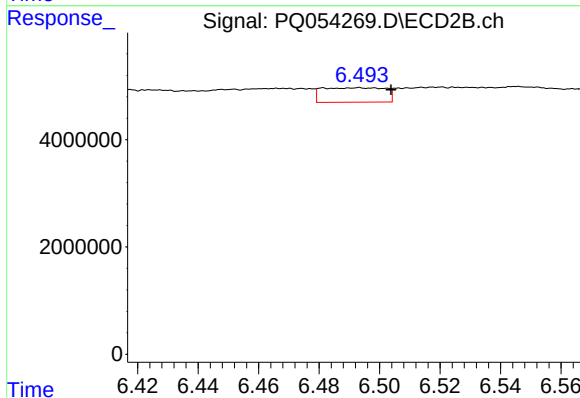
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 4775642
Conc: 7.14 ng/ml



#27 AR-1254-2

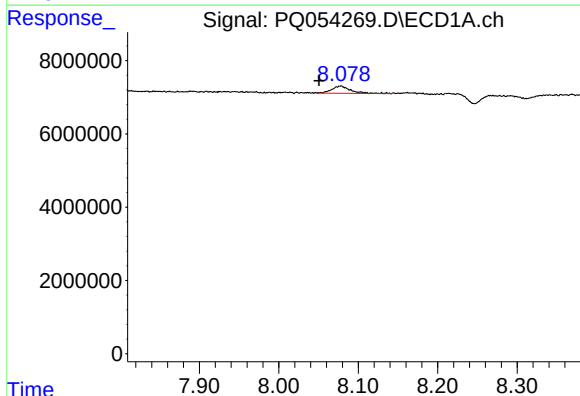
R.T.: 0.000 min
Exp R.T.: 7.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



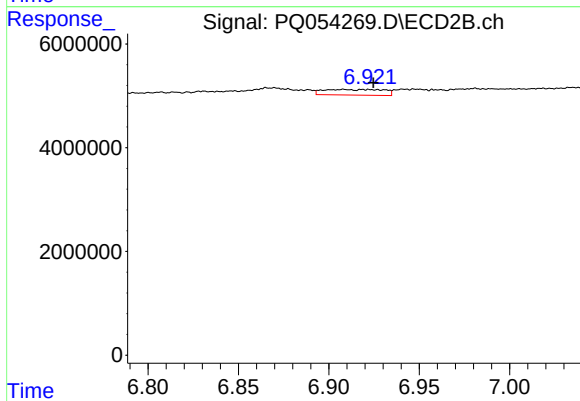
#27 AR-1254-2

R.T.: 6.493 min
Delta R.T.: -0.011 min
Response: 3911731
Conc: 6.36 ng/ml



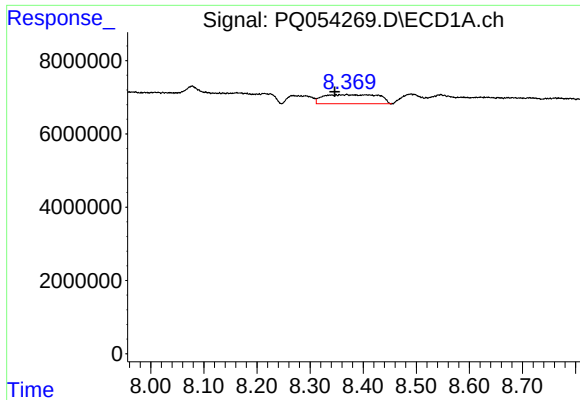
#28 AR-1254-3

R.T.: 8.078 min
Delta R.T.: 0.027 min
Response: 3142688
Conc: 2.67 ng/ml



#28 AR-1254-3

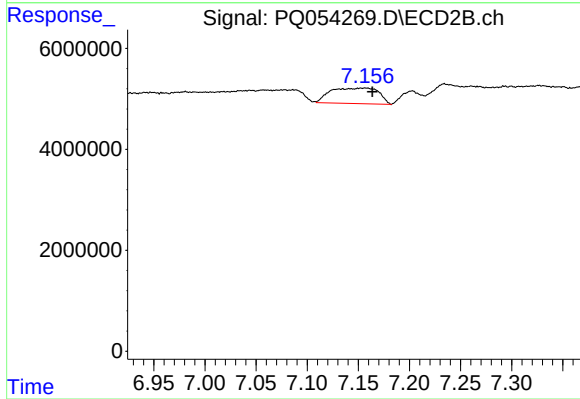
R.T.: 6.908 min
Delta R.T.: -0.016 min
Response: 2548856
Conc: 2.64 ng/ml



#29 AR-1254-4

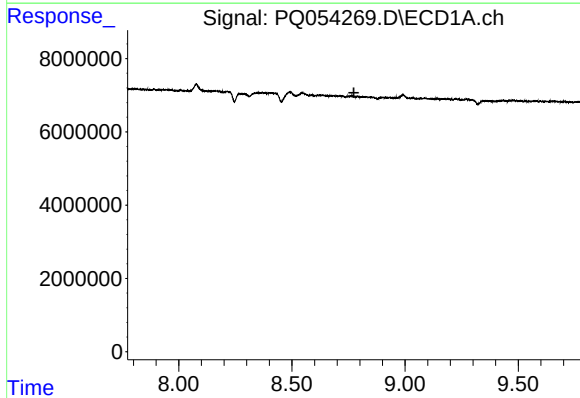
R.T.: 8.369 min
Delta R.T.: 0.022 min
Response: 17907251
Conc: 20.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



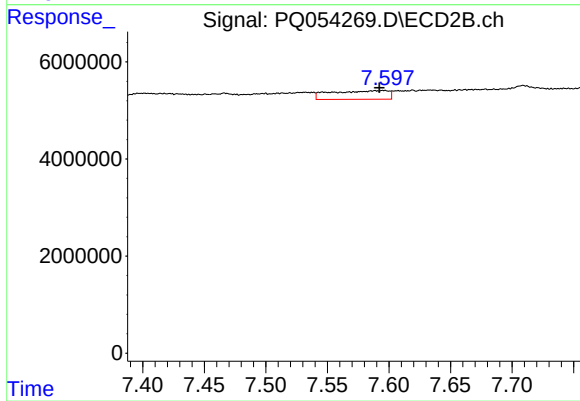
#29 AR-1254-4

R.T.: 7.157 min
Delta R.T.: -0.007 min
Response: 10043153
Conc: 15.07 ng/ml



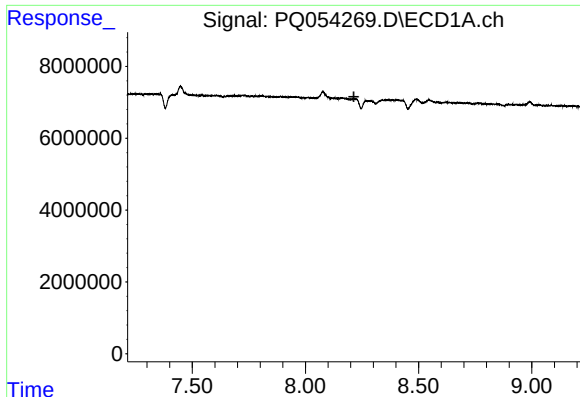
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.774 min
Response: 0
Conc: N.D.



#30 AR-1254-5

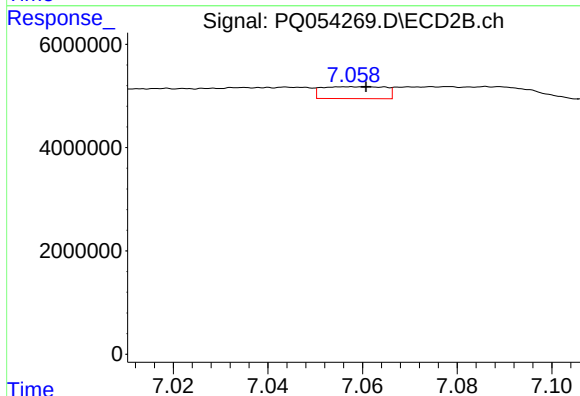
R.T.: 7.596 min
Delta R.T.: 0.003 min
Response: 5758978
Conc: 5.90 ng/ml



#31 AR-1260-1

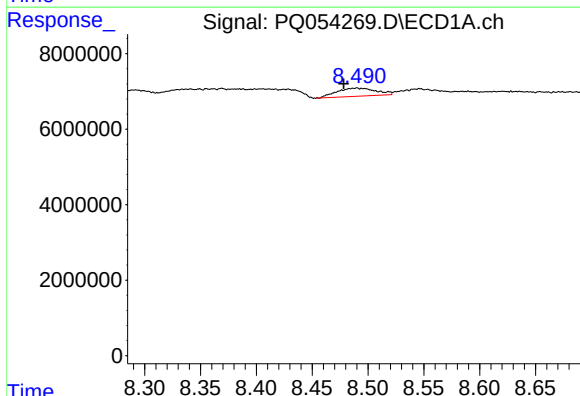
R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



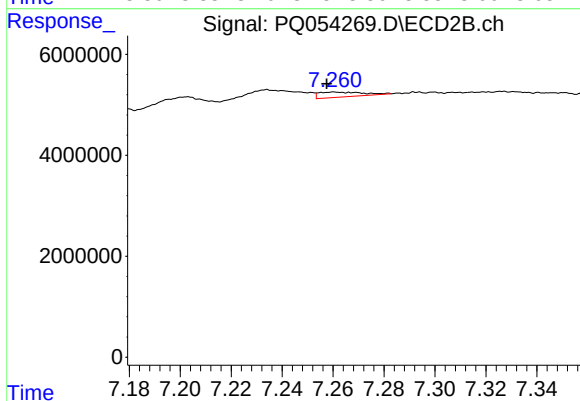
#31 AR-1260-1

R.T.: 7.057 min
Delta R.T.: -0.004 min
Response: 2135570
Conc: 2.85 ng/ml



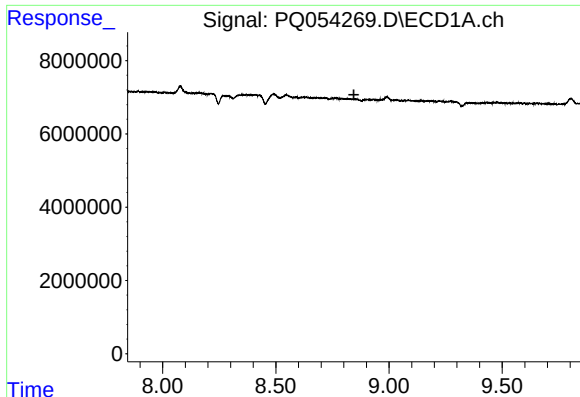
#32 AR-1260-2

R.T.: 8.490 min
Delta R.T.: 0.012 min
Response: 5238914
Conc: 4.61 ng/ml



#32 AR-1260-2

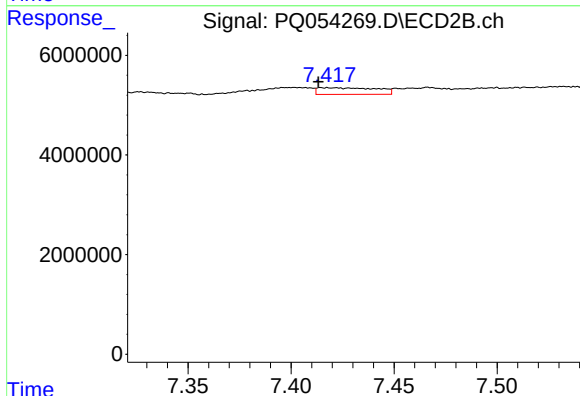
R.T.: 7.261 min
Delta R.T.: 0.003 min
Response: 1176166
Conc: 1.13 ng/ml



#33 AR-1260-3

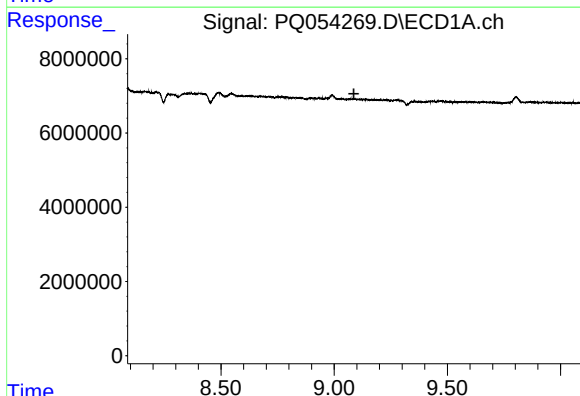
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



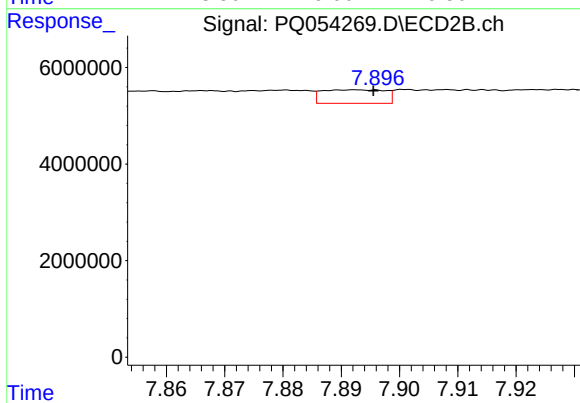
#33 AR-1260-3

R.T.: 7.415 min
Delta R.T.: 0.002 min
Response: 2663363
Conc: 3.06 ng/ml



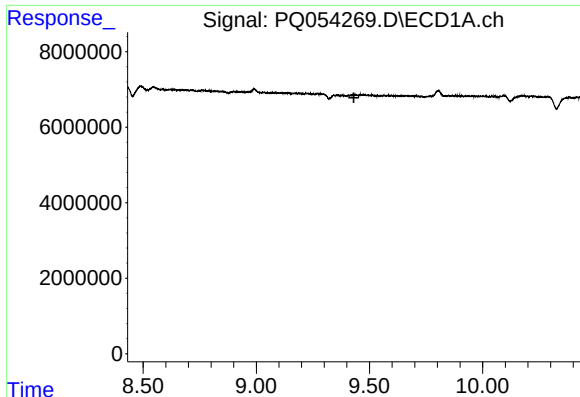
#34 AR-1260-4

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



#34 AR-1260-4

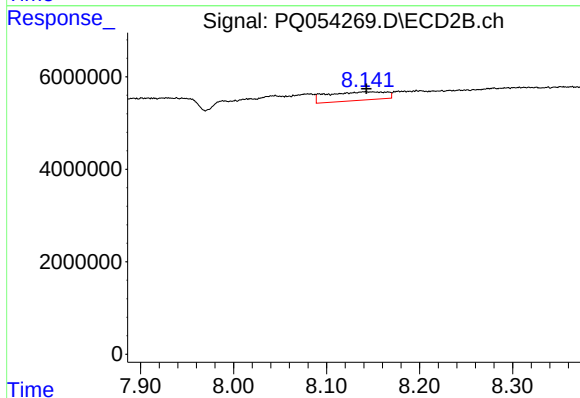
R.T.: 7.892 min
Delta R.T.: -0.003 min
Response: 2109311
Conc: 3.39 ng/ml



#35 AR-1260-5

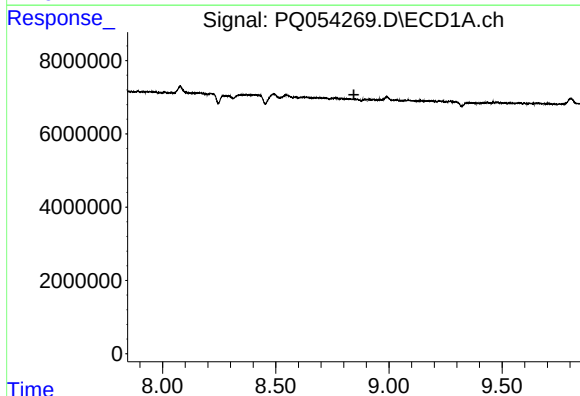
R.T.: 0.000 min
Exp R.T.: 9.431 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



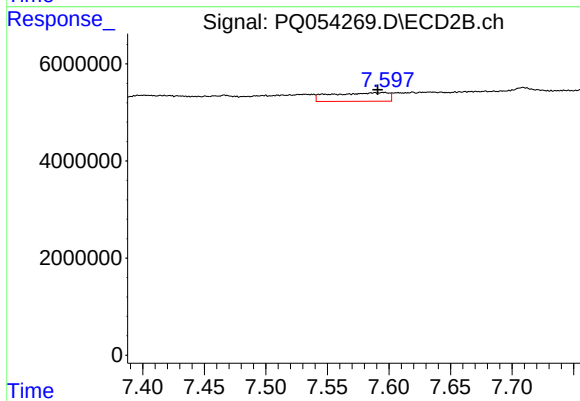
#35 AR-1260-5

R.T.: 8.141 min
Delta R.T.: -0.002 min
Response: 8131827
Conc: 4.75 ng/ml



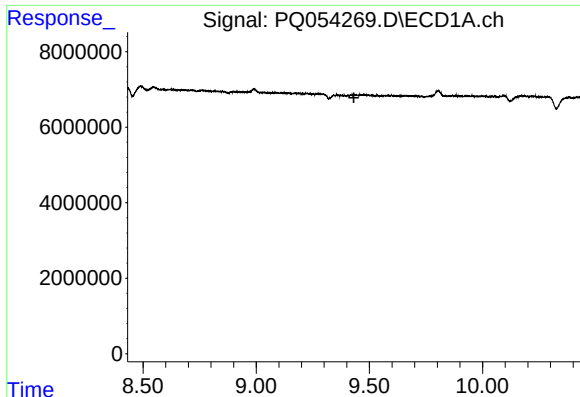
#36 AR-1262-1

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



#36 AR-1262-1

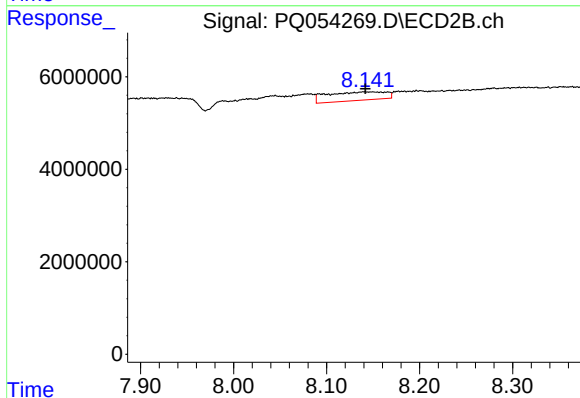
R.T.: 7.596 min
Delta R.T.: 0.005 min
Response: 5758978
Conc: 12.74 ng/ml



#37 AR-1262-2

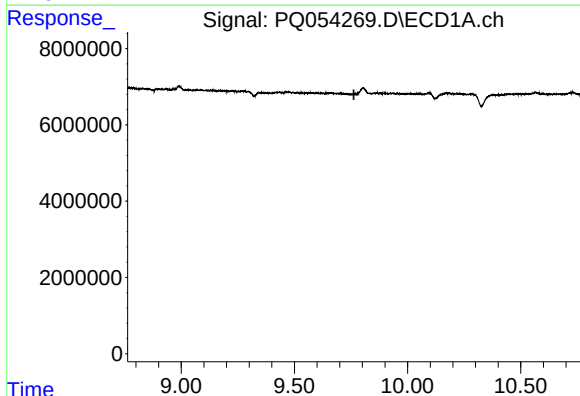
R.T.: 0.000 min
Exp R.T.: 9.432 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



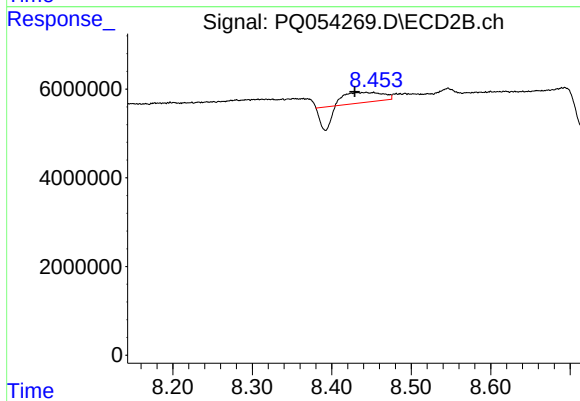
#37 AR-1262-2

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 8131827
Conc: 4.32 ng/ml



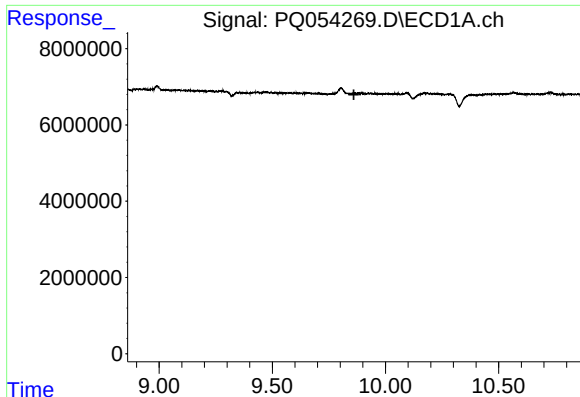
#38 AR-1262-3

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



#38 AR-1262-3

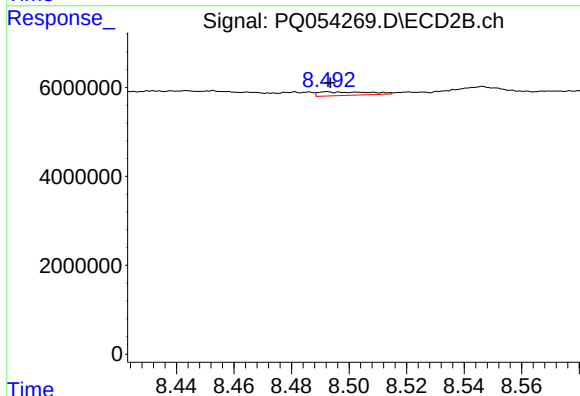
R.T.: 8.444 min
Delta R.T.: 0.015 min
Response: 3242357
Conc: 4.22 ng/ml



#39 AR-1262-4

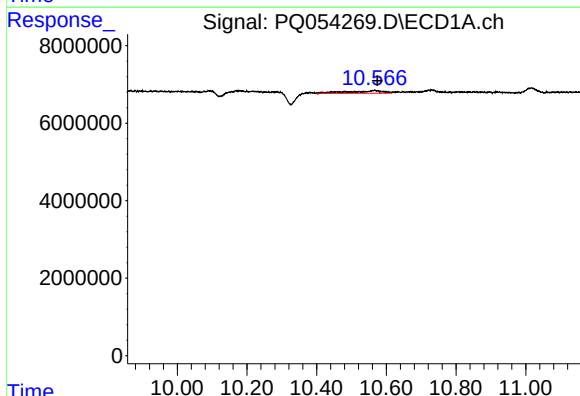
R.T.: 0.000 min
Exp R.T.: 9.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



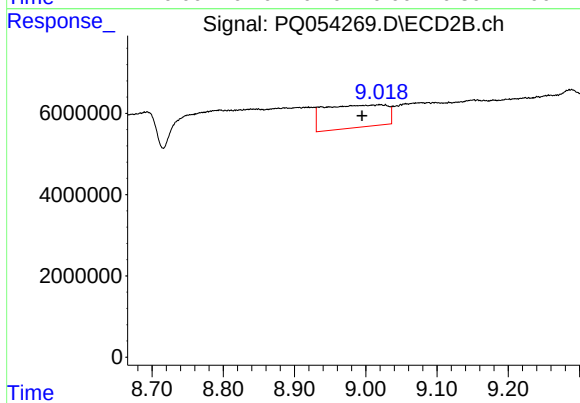
#39 AR-1262-4

R.T.: 8.492 min
Delta R.T.: -0.001 min
Response: 968627
Conc: 0.77 ng/ml



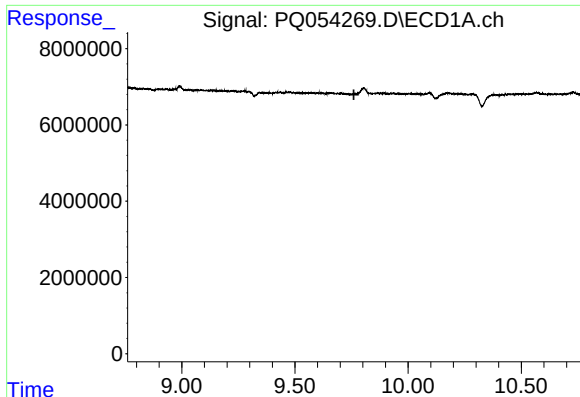
#40 AR-1262-5

R.T.: 10.567 min
Delta R.T.: -0.007 min
Response: 4764785
Conc: 7.19 ng/ml



#40 AR-1262-5

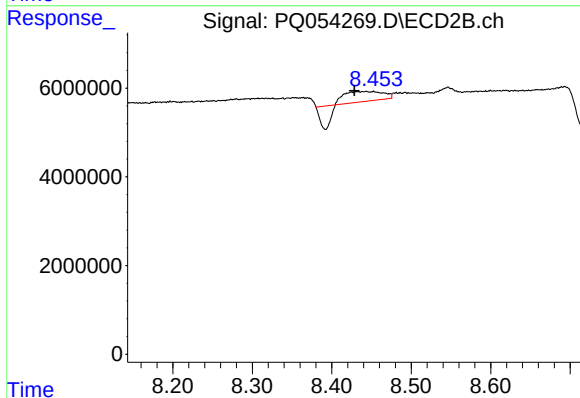
R.T.: 9.020 min
Delta R.T.: 0.025 min
Response: 33863436
Conc: 58.68 ng/ml



#41 AR-1268-1

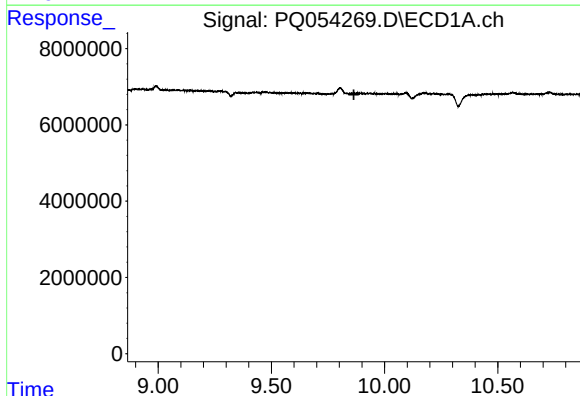
R.T.: 0.000 min
Exp R.T.: 9.760 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



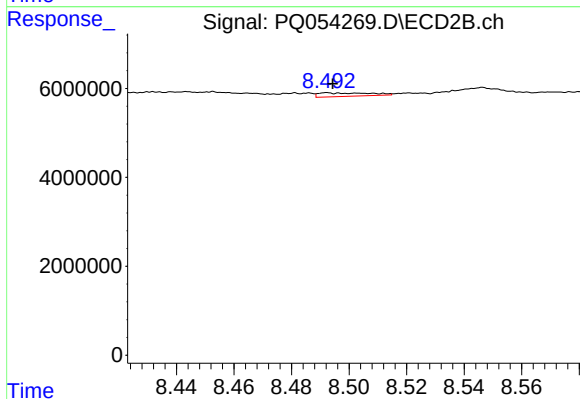
#41 AR-1268-1

R.T.: 8.444 min
Delta R.T.: 0.015 min
Response: 3242357
Conc: 1.44 ng/ml



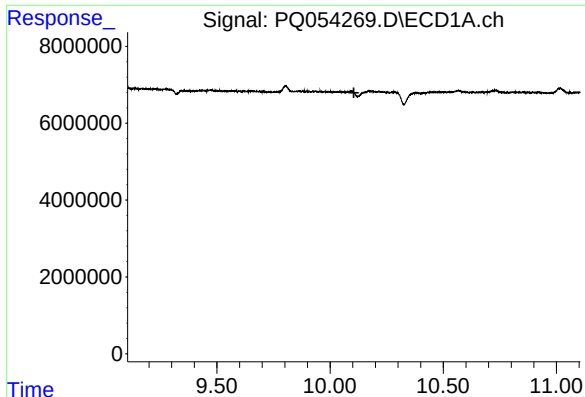
#42 AR-1268-2

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



#42 AR-1268-2

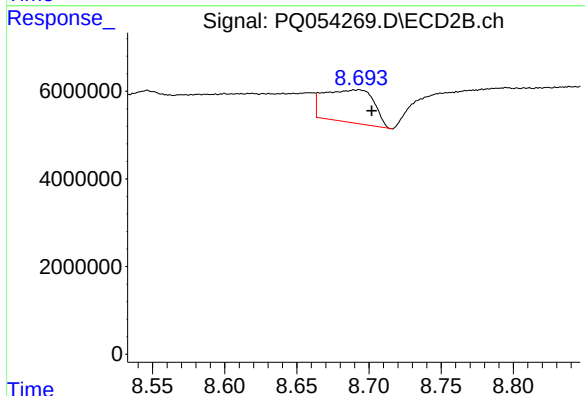
R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 968627
Conc: 0.52 ng/ml



#43 AR-1268-3

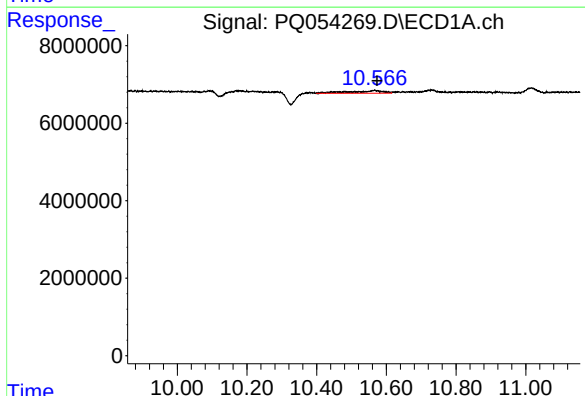
R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
I.BLK



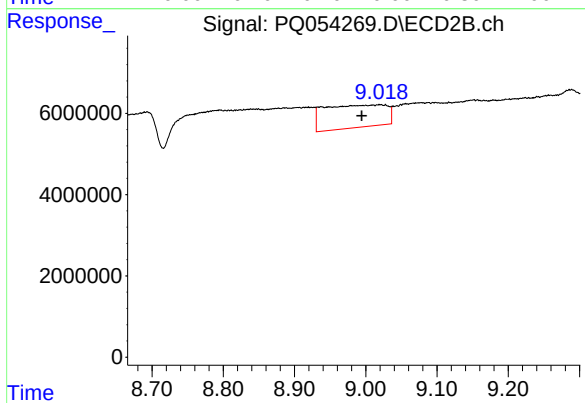
#43 AR-1268-3

R.T.: 8.693 min
Delta R.T.: -0.009 min
Response: 17839929
Conc: 10.67 ng/ml



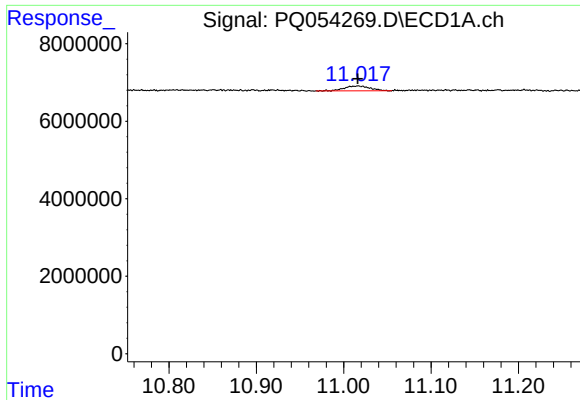
#44 AR-1268-4

R.T.: 10.567 min
Delta R.T.: -0.006 min
Response: 4764785
Conc: 6.51 ng/ml



#44 AR-1268-4

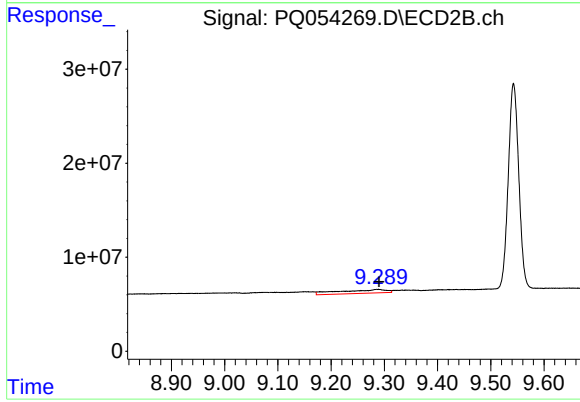
R.T.: 9.020 min
Delta R.T.: 0.025 min
Response: 33863436
Conc: 51.93 ng/ml



#45 AR-1268-5

R.T.: 11.015 min
Delta R.T.: 0.000 min
Response: 2609018
Conc: 0.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 9.288 min
Delta R.T.: -0.002 min
Response: 24474872
Conc: 5.19 ng/ml