

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091420\
 Data File : PQ049794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Sep 2020 13:03
 Operator : DD\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 15:04:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 14 14:52:16 2020
 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...	5.227	4.275	232.7E6	110.4E6	21.833	21.287
2)	SA Decachlor...	11.441	9.633	176.4E6	124.7E6	22.017	23.181
Target Compounds							
3)	L1 AR-1016-1	0.000	5.543	0	854234	N.D.	3.776 #
4)	L1 AR-1016-2	6.600f	5.543	3514900	854234	7.945	2.759 #
5)	L1 AR-1016-3	6.672f	5.741	4210138	391448	14.668	2.578 #
6)	L1 AR-1016-4	6.760	0.000	578383	0	2.258	N.D. #
7)	L1 AR-1016-5	7.078	6.057f	425191	-148568	1.970	N.D. #
8)	L2 AR-1221-1	5.484	0.000	2720658	0	22.432	N.D. #
9)	L2 AR-1221-2	5.586	4.633	7286327	1468057	80.339	34.343 #
10)	L2 AR-1221-3	5.670	4.697f	165563	279142	0.631	2.037 #
11)	L3 AR-1232-1	5.670	4.697f	165563	279142	0.770	2.530 #
12)	L3 AR-1232-2	6.248f	5.543f	798737	854234	7.088	6.681
13)	L3 AR-1232-3	6.600f	5.741	3514900	391448	18.688	6.341 #
14)	L3 AR-1232-4	6.760	0.000	578383	0	4.850	N.D. #
15)	L3 AR-1232-5	6.837f	6.057f	1955657	-148568	21.600	N.D. #
16)	L4 AR-1242-1	0.000	5.543	0	854234	N.D.	4.477 #
17)	L4 AR-1242-2	6.600f	5.543	3514900	854234	8.899	3.271 #
18)	L4 AR-1242-3	6.672f	5.741	4210138	391448	16.856	2.798 #
19)	L4 AR-1242-4	6.760	0.000	578383	0	2.767	N.D. #
20)	L4 AR-1242-5	7.534	6.396	1569373	6541724	7.693	34.609 #
21)	L5 AR-1248-1	0.000	5.543	0	854234	N.D.	6.389 #
22)	L5 AR-1248-2	6.837f	0.000	1955657	0	7.313	N.D. #
23)	L5 AR-1248-3	7.078	0.000	425191	0	1.596	N.D. #
24)	L5 AR-1248-4	7.483f	6.057f	1499859	-148568	4.822	N.D. #
25)	L5 AR-1248-5	7.534	6.439f	1569373	5504480	5.196	24.055 #
26)	L6 AR-1254-1	7.483	6.396f	1499859	6541724	5.268	19.825 #
27)	L6 AR-1254-2	7.712	6.597f	6126274	21874289	13.877	75.986 #
28)	L6 AR-1254-3	0.000	7.003	0	10021476	N.D.	20.907 #
29)	L6 AR-1254-4	8.384	7.229	2604297	836922	7.279	2.393 #
30)	L6 AR-1254-5	8.804	0.000	804245	0	2.142	N.D. #
31)	L7 AR-1260-1	8.234f	0.000	3396074	0	9.569	N.D. #
32)	L7 AR-1260-2	8.542f	7.307f	1529829	1987469	3.485	4.212
33)	L7 AR-1260-3	8.896	7.459f	2571514	7929859	7.356	20.128 #
34)	L7 AR-1260-4	9.115	7.974	1773936	16416745	4.540	49.193 #
35)	L7 AR-1260-5	9.476	0.000	244609	0	0.298	N.D. #
36)	L8 AR-1262-1	8.896	0.000	2571514	0	5.605	N.D. #
37)	L8 AR-1262-2	9.476	0.000	244609	0	0.291	N.D. #
39)	L8 AR-1262-4	9.913	0.000	1489342	0	3.192	N.D. #
40)	L8 AR-1262-5	10.652f	0.000	574588	0	1.724	N.D. #
41)	L9 AR-1268-1	9.840f	0.000	2295278	0	2.207	N.D. #
42)	L9 AR-1268-2	9.913	0.000	1489342	0	1.514	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091420\
 Data File : PQ049794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Sep 2020 13:03
 Operator : DD\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 15:04:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 14 14:52:16 2020
 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
43) L9	AR-1268-3	10.154	8.774	3997890	15206292	4.589	20.405 #
44) L9	AR-1268-4	10.652f	0.000	574588	0	1.524	N.D. #
45) L9	AR-1268-5	11.079	9.371	3381178	4043820	1.316	1.915 #

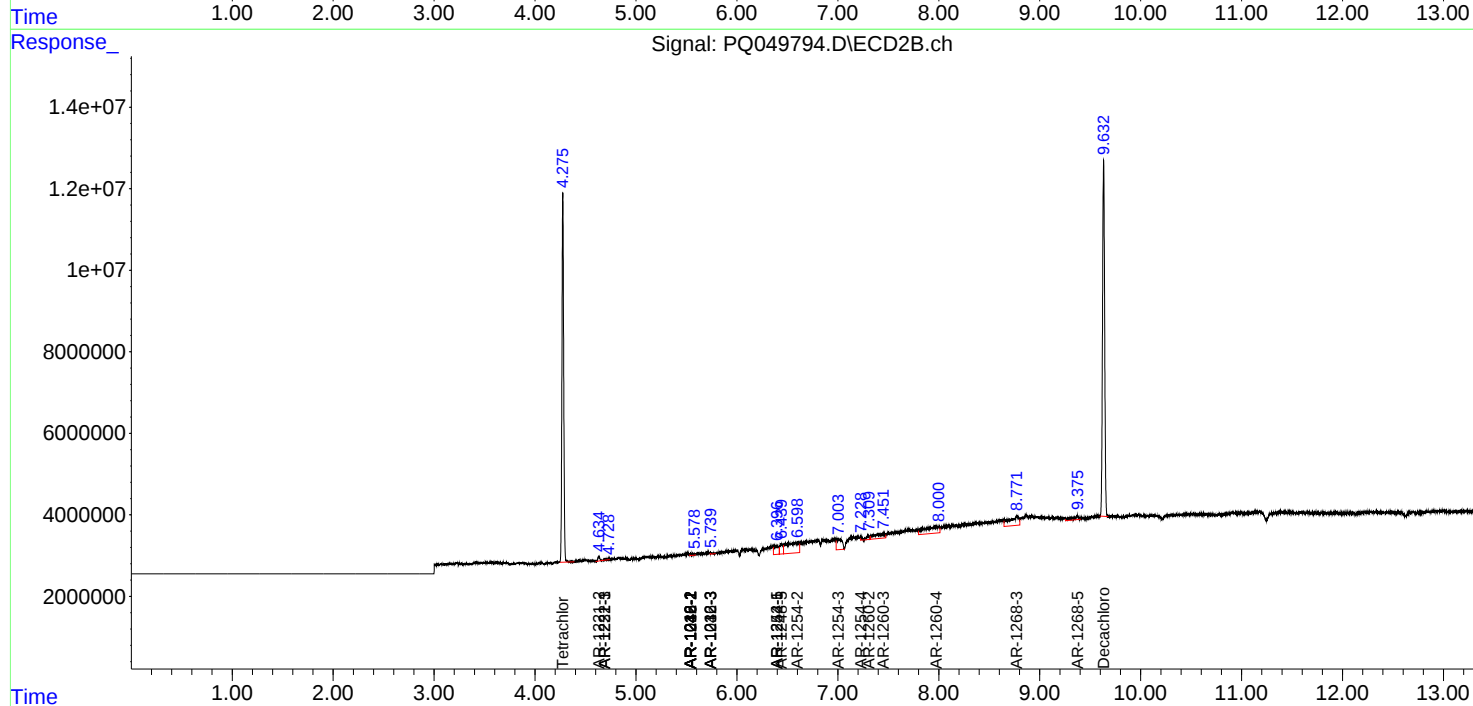
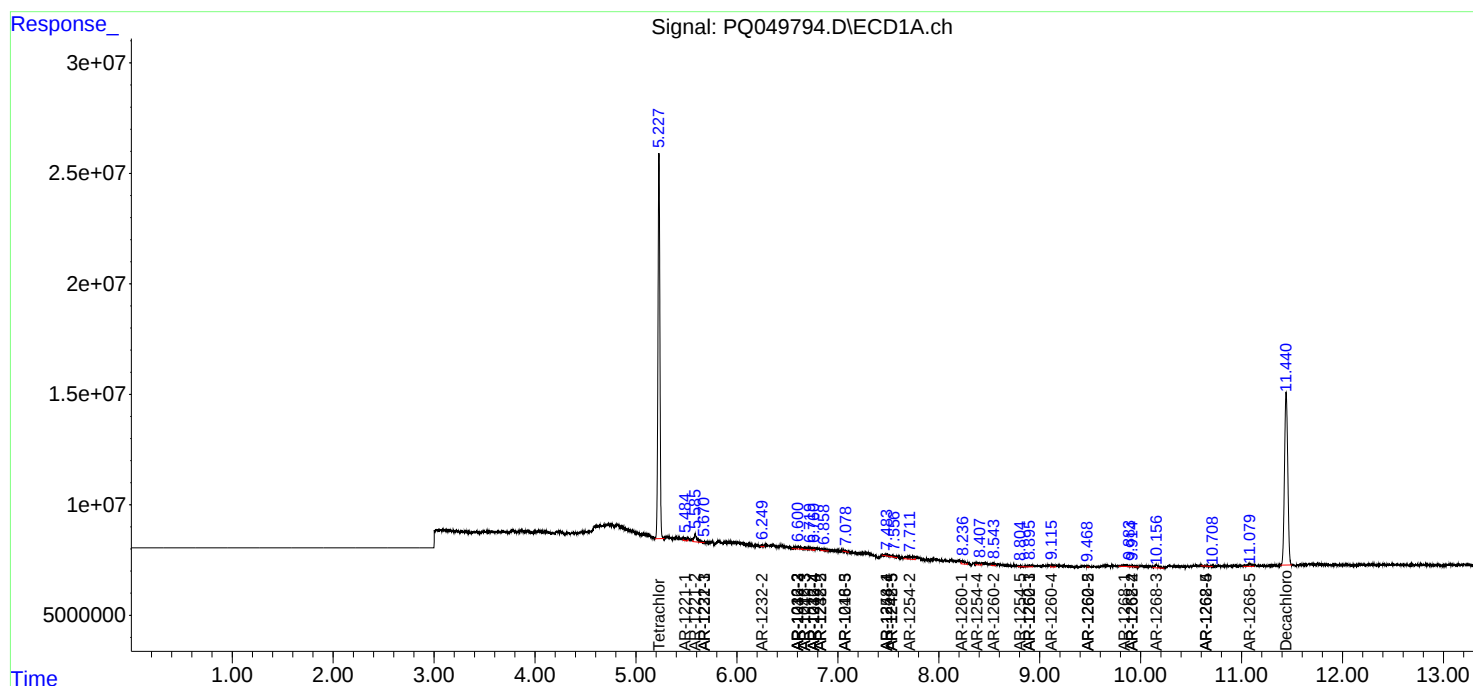
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

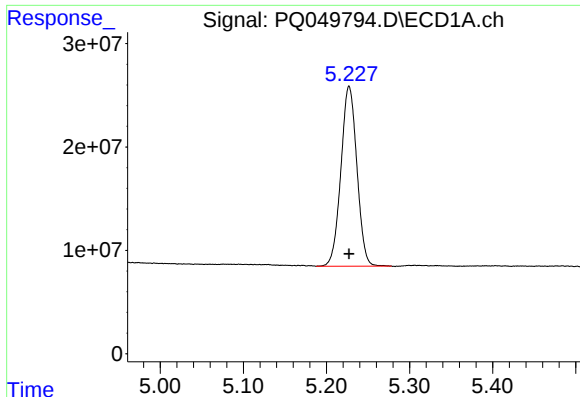
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091420\
Data File : PQ049794.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Sep 2020 13:03
Operator : DD\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 15:04:57 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 14 14:52:16 2020
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

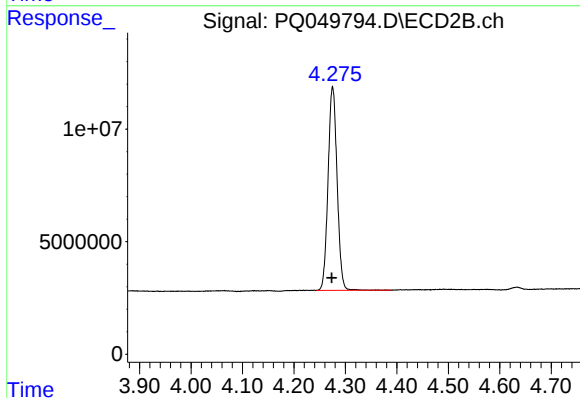




#1 Tetrachloro-m-xylene

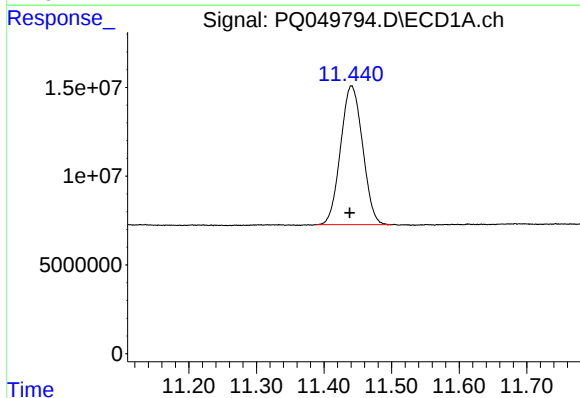
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 232740397
Conc: 21.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



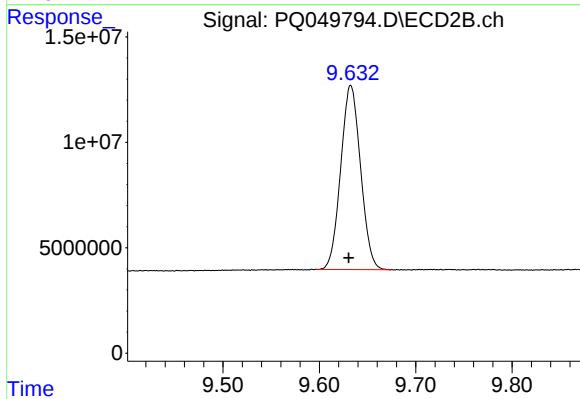
#1 Tetrachloro-m-xylene

R.T.: 4.275 min
Delta R.T.: 0.002 min
Response: 110365732
Conc: 21.29 ng/ml



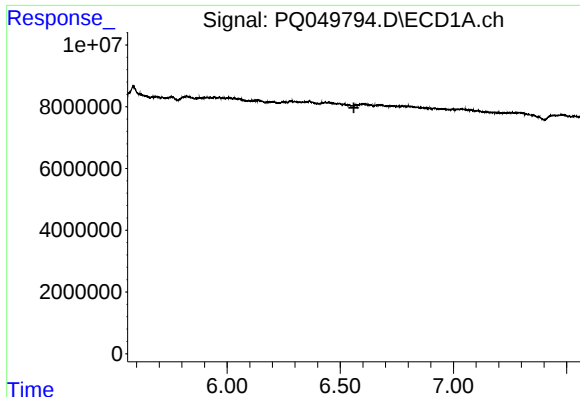
#2 Decachlorobiphenyl

R.T.: 11.441 min
Delta R.T.: 0.002 min
Response: 176427358
Conc: 22.02 ng/ml



#2 Decachlorobiphenyl

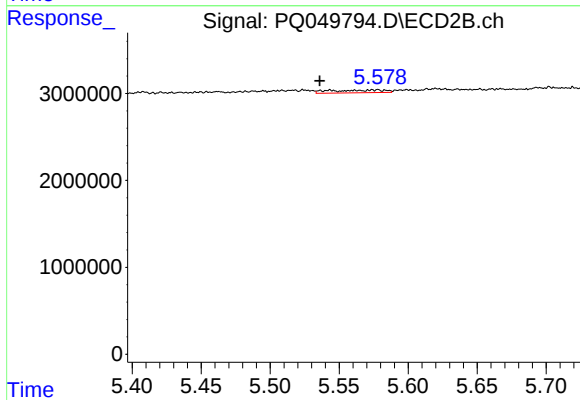
R.T.: 9.633 min
Delta R.T.: 0.002 min
Response: 124688673
Conc: 23.18 ng/ml



#3 AR-1016-1

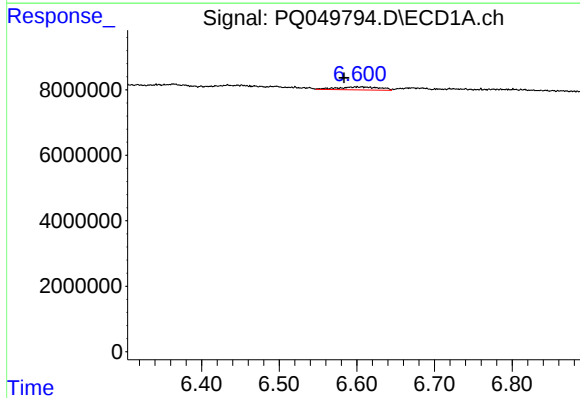
R.T.: 0.000 min
Exp R.T.: 6.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



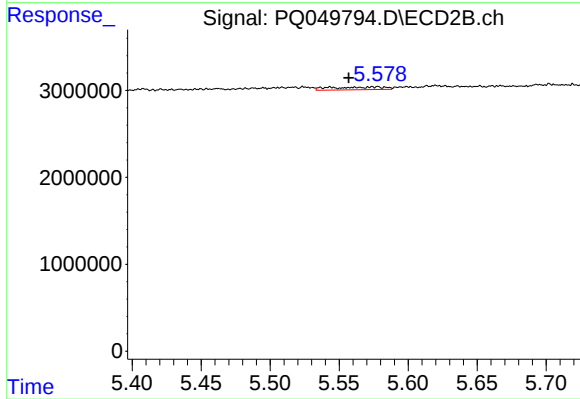
#3 AR-1016-1

R.T.: 5.543 min
Delta R.T.: 0.007 min
Response: 854234
Conc: 3.78 ng/ml



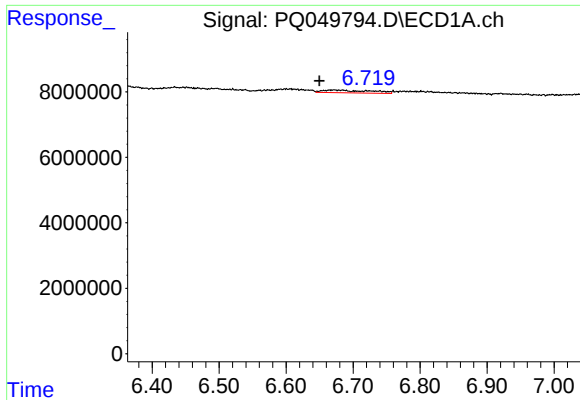
#4 AR-1016-2

R.T.: 6.600 min
Delta R.T.: 0.017 min
Response: 3514900
Conc: 7.94 ng/ml



#4 AR-1016-2

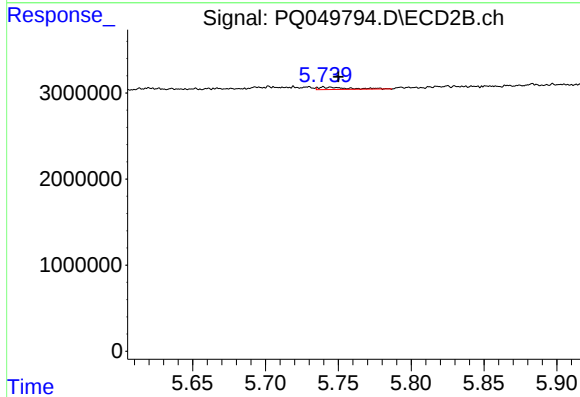
R.T.: 5.543 min
Delta R.T.: -0.014 min
Response: 854234
Conc: 2.76 ng/ml



#5 AR-1016-3

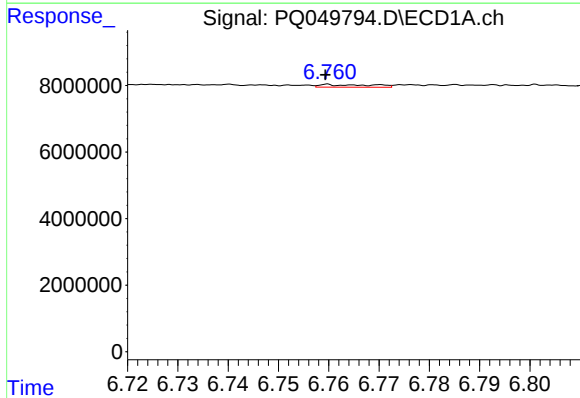
R.T.: 6.672 min
Delta R.T.: 0.022 min
Response: 4210138
Conc: 14.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



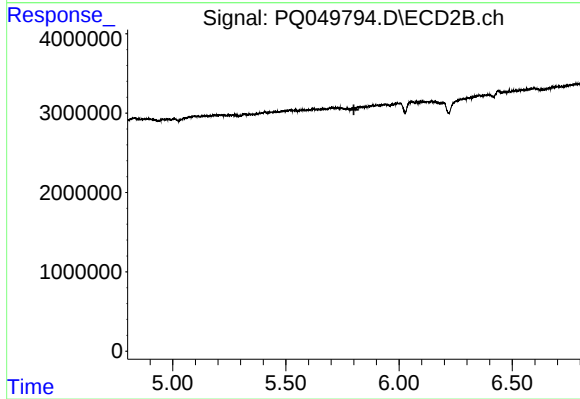
#5 AR-1016-3

R.T.: 5.741 min
Delta R.T.: -0.009 min
Response: 391448
Conc: 2.58 ng/ml



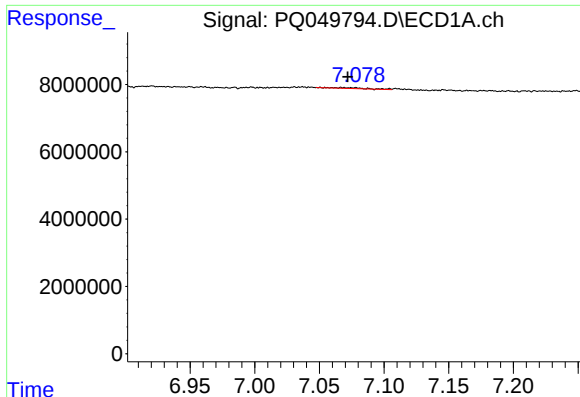
#6 AR-1016-4

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 578383
Conc: 2.26 ng/ml



#6 AR-1016-4

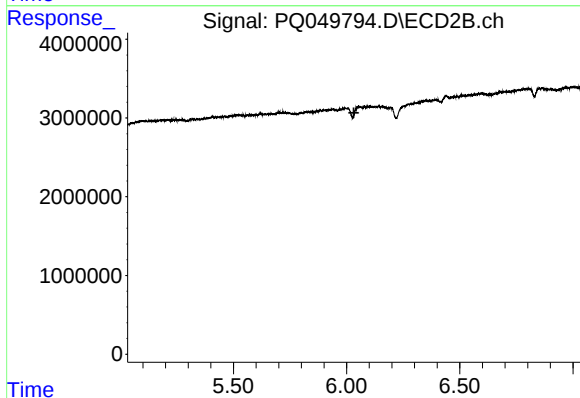
R.T.: 0.000 min
Exp R.T.: 5.800 min
Response: 0
Conc: N.D.



#7 AR-1016-5

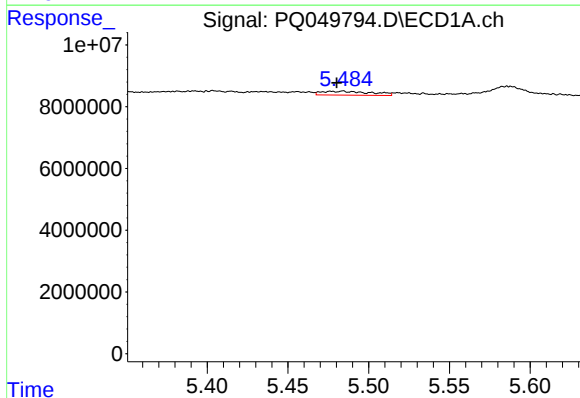
R.T.: 7.078 min
Delta R.T.: 0.006 min
Response: 425191
Conc: 1.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



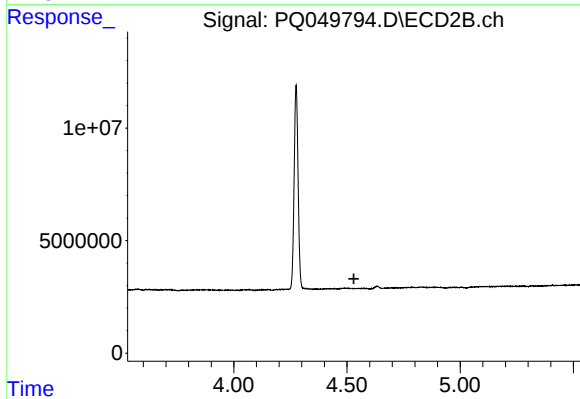
#7 AR-1016-5

R.T.: 6.057 min
Delta R.T.: 0.025 min
Response: -148568
Conc: N.D.



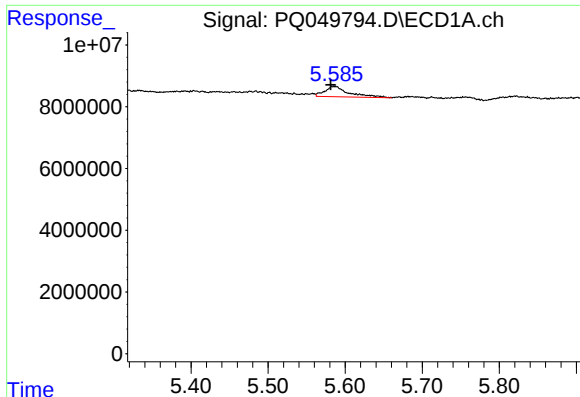
#8 AR-1221-1

R.T.: 5.484 min
Delta R.T.: 0.004 min
Response: 2720658
Conc: 22.43 ng/ml



#8 AR-1221-1

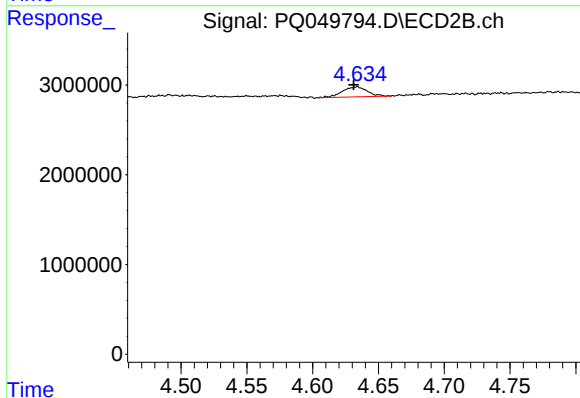
R.T.: 0.000 min
Exp R.T.: 4.530 min
Response: 0
Conc: N.D.



#9 AR-1221-2

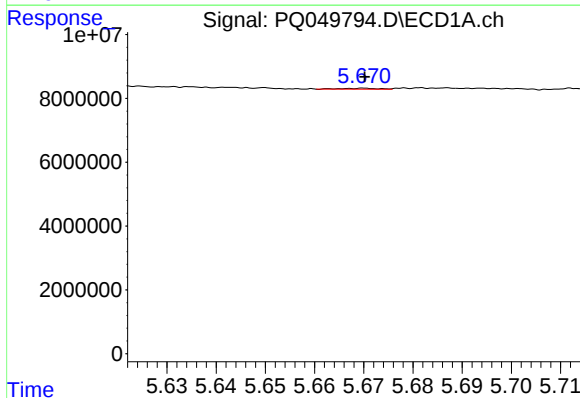
R.T.: 5.586 min
Delta R.T.: 0.005 min
Response: 7286327
Conc: 80.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



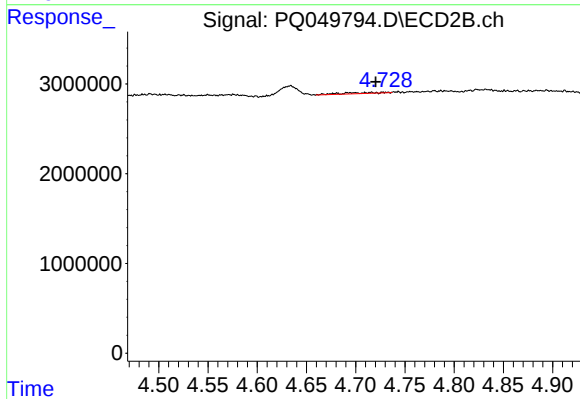
#9 AR-1221-2

R.T.: 4.633 min
Delta R.T.: 0.002 min
Response: 1468057
Conc: 34.34 ng/ml



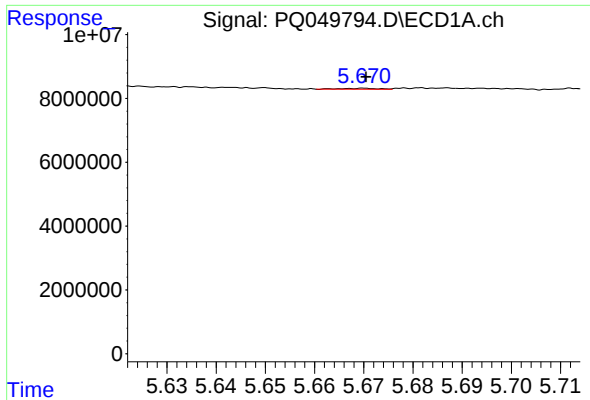
#10 AR-1221-3

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 165563
Conc: 0.63 ng/ml



#10 AR-1221-3

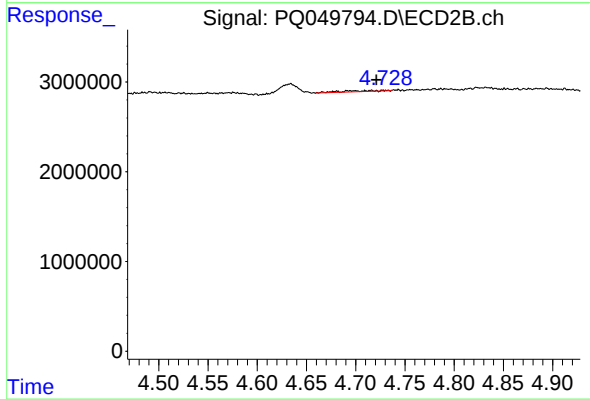
R.T.: 4.697 min
Delta R.T.: -0.024 min
Response: 279142
Conc: 2.04 ng/ml



#11 AR-1232-1

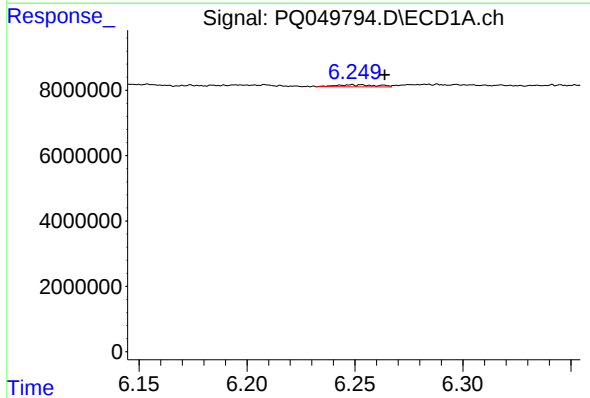
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 165563
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



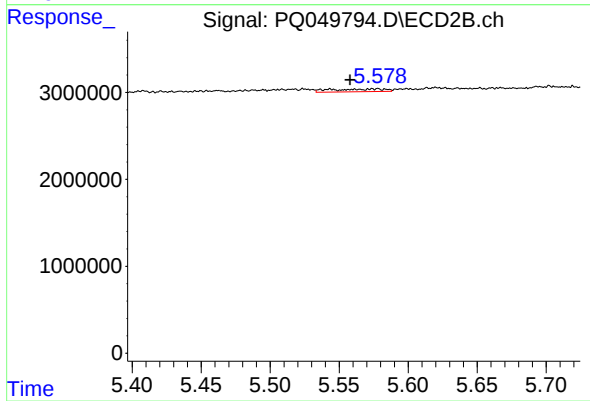
#11 AR-1232-1

R.T.: 4.697 min
Delta R.T.: -0.024 min
Response: 279142
Conc: 2.53 ng/ml



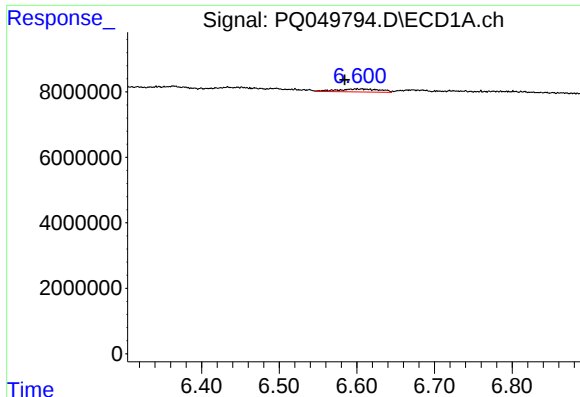
#12 AR-1232-2

R.T.: 6.248 min
Delta R.T.: -0.015 min
Response: 798737
Conc: 7.09 ng/ml



#12 AR-1232-2

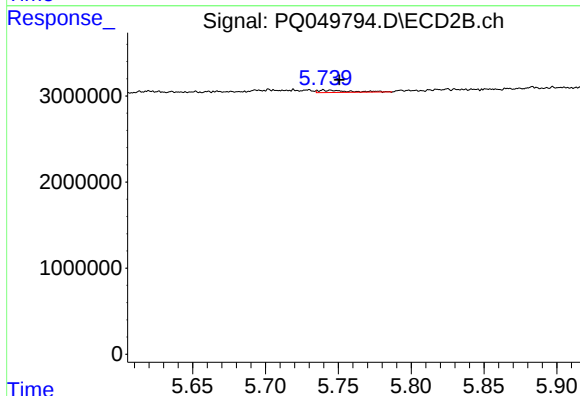
R.T.: 5.543 min
Delta R.T.: -0.015 min
Response: 854234
Conc: 6.68 ng/ml



#13 AR-1232-3

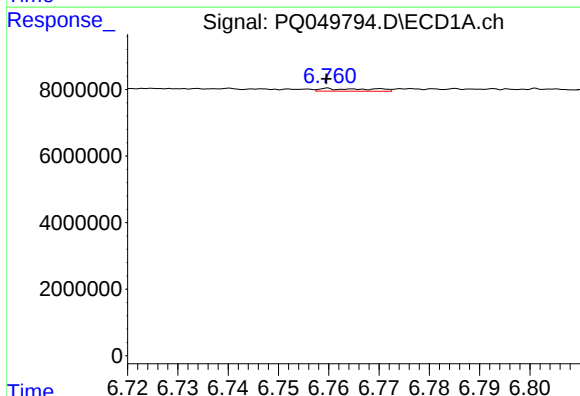
R.T.: 6.600 min
Delta R.T.: 0.016 min
Response: 3514900
Conc: 18.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



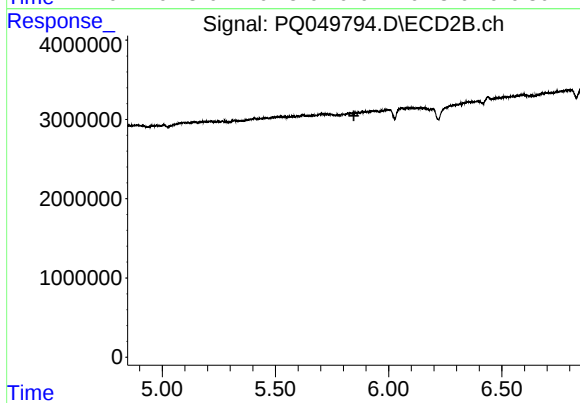
#13 AR-1232-3

R.T.: 5.741 min
Delta R.T.: -0.010 min
Response: 391448
Conc: 6.34 ng/ml



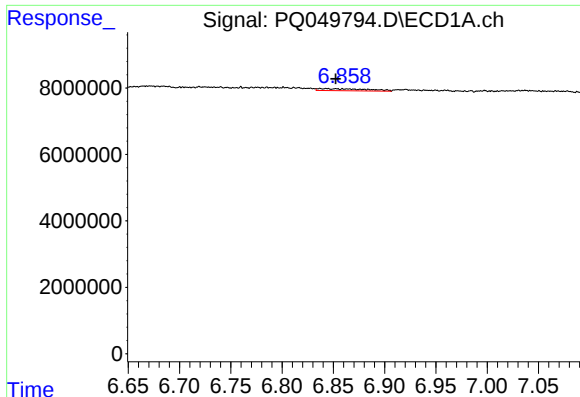
#14 AR-1232-4

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 578383
Conc: 4.85 ng/ml



#14 AR-1232-4

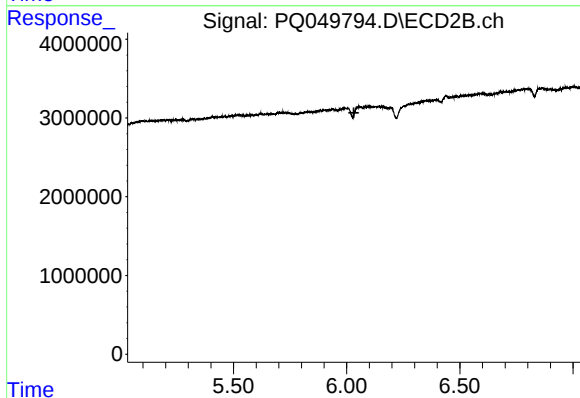
R.T.: 0.000 min
Exp R.T.: 5.847 min
Response: 0
Conc: N.D.



#15 AR-1232-5

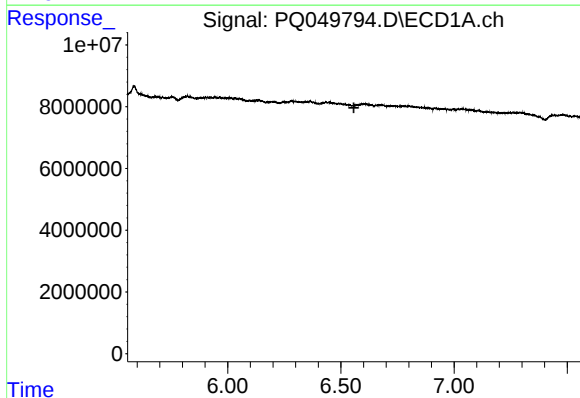
R.T.: 6.837 min
Delta R.T.: -0.015 min
Response: 1955657
Conc: 21.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



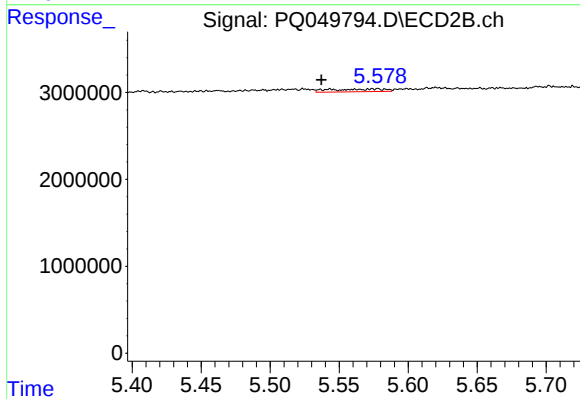
#15 AR-1232-5

R.T.: 6.057 min
Delta R.T.: 0.025 min
Response: -148568
Conc: N.D.



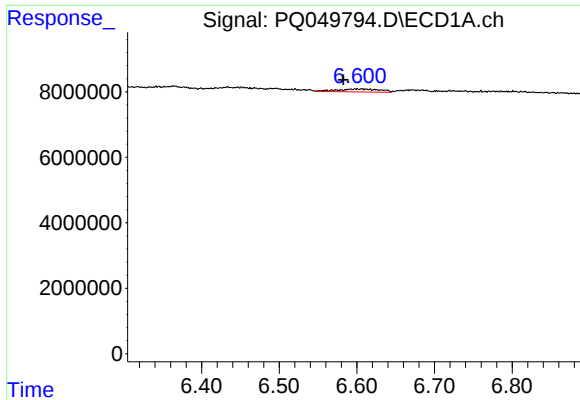
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.557 min
Response: 0
Conc: N.D.



#16 AR-1242-1

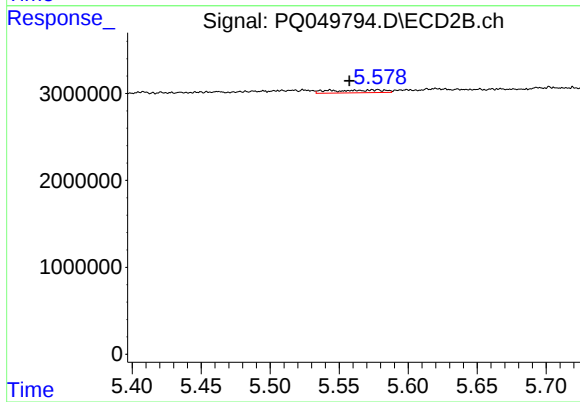
R.T.: 5.543 min
Delta R.T.: 0.006 min
Response: 854234
Conc: 4.48 ng/ml



#17 AR-1242-2

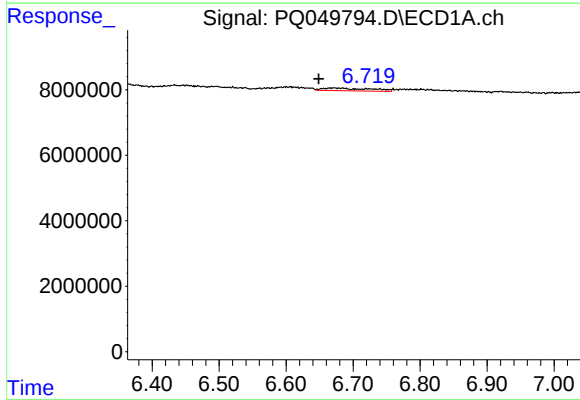
R.T.: 6.600 min
Delta R.T.: 0.017 min
Response: 3514900
Conc: 8.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



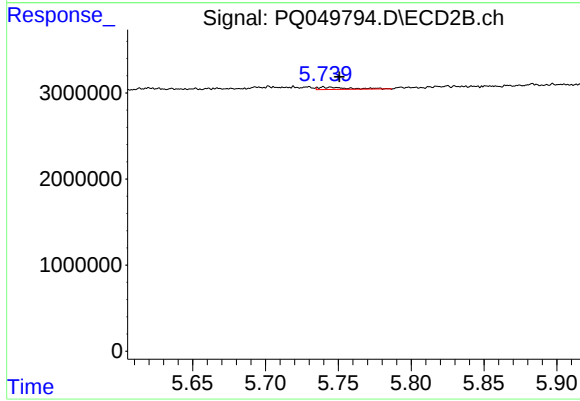
#17 AR-1242-2

R.T.: 5.543 min
Delta R.T.: -0.014 min
Response: 854234
Conc: 3.27 ng/ml



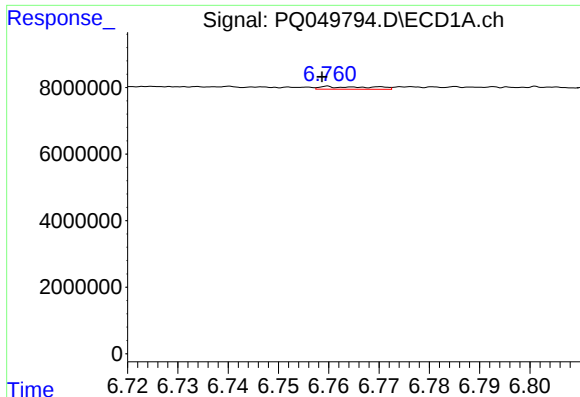
#18 AR-1242-3

R.T.: 6.672 min
Delta R.T.: 0.023 min
Response: 4210138
Conc: 16.86 ng/ml



#18 AR-1242-3

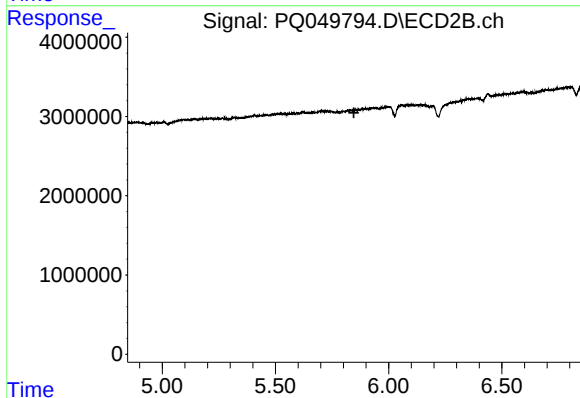
R.T.: 5.741 min
Delta R.T.: -0.010 min
Response: 391448
Conc: 2.80 ng/ml



#19 AR-1242-4

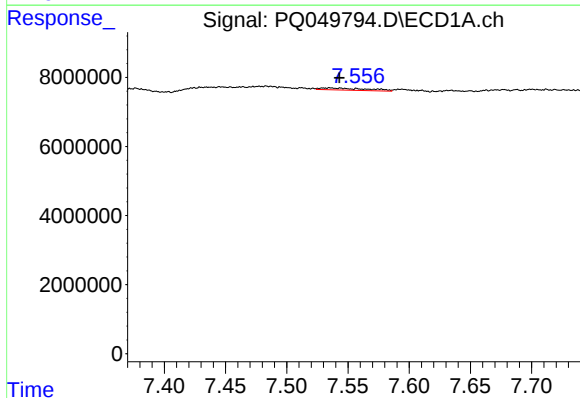
R.T.: 6.760 min
Delta R.T.: 0.001 min
Response: 578383
Conc: 2.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



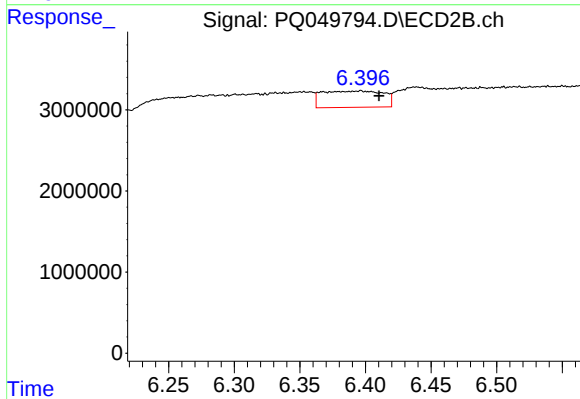
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.846 min
Response: 0
Conc: N.D.



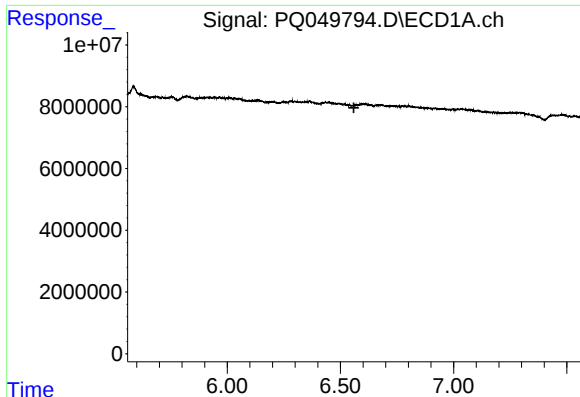
#20 AR-1242-5

R.T.: 7.534 min
Delta R.T.: -0.009 min
Response: 1569373
Conc: 7.69 ng/ml



#20 AR-1242-5

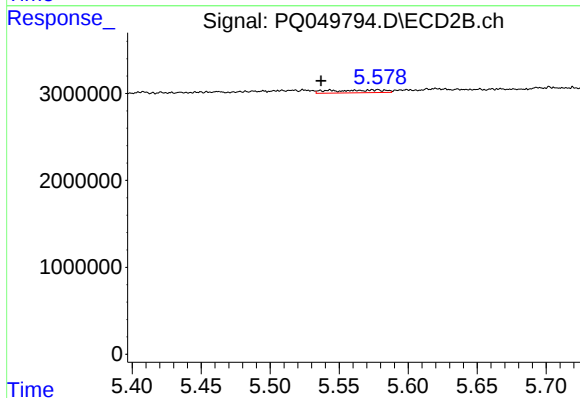
R.T.: 6.396 min
Delta R.T.: -0.014 min
Response: 6541724
Conc: 34.61 ng/ml



#21 AR-1248-1

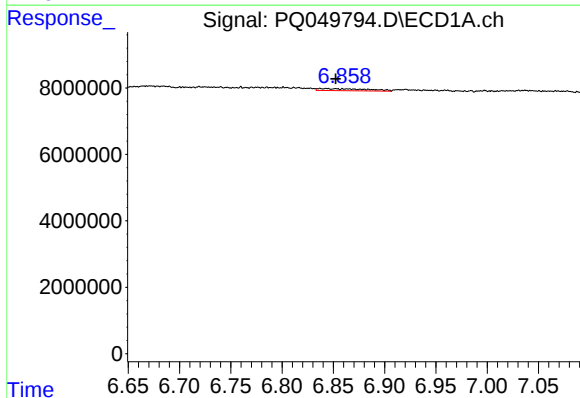
R.T.: 0.000 min
Exp R.T.: 6.559 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



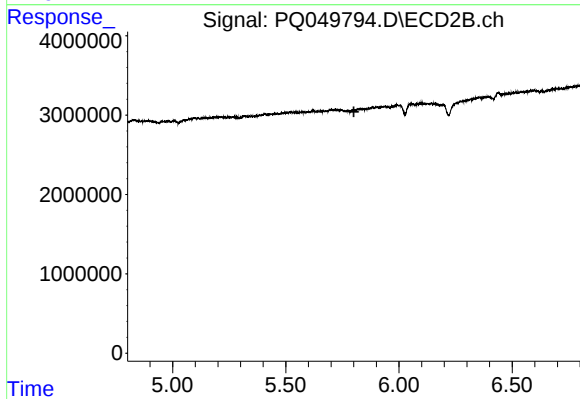
#21 AR-1248-1

R.T.: 5.543 min
Delta R.T.: 0.006 min
Response: 854234
Conc: 6.39 ng/ml



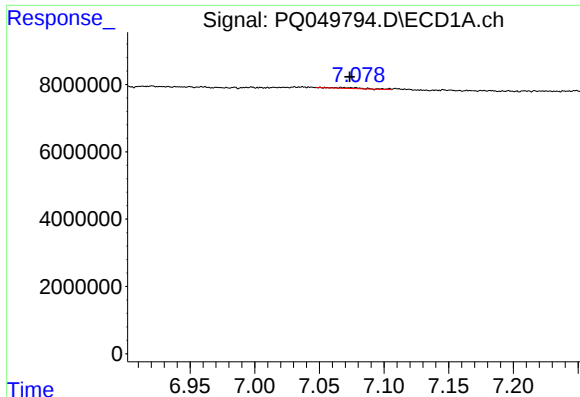
#22 AR-1248-2

R.T.: 6.837 min
Delta R.T.: -0.015 min
Response: 1955657
Conc: 7.31 ng/ml



#22 AR-1248-2

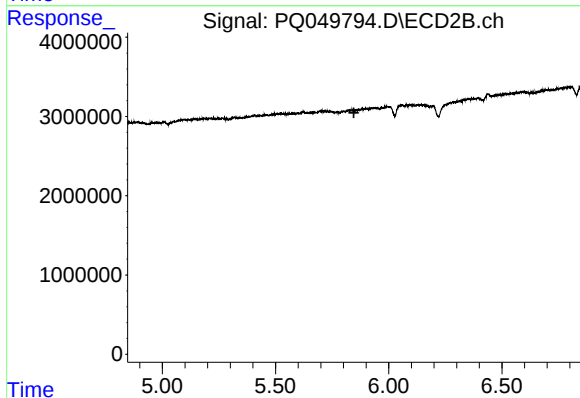
R.T.: 0.000 min
Exp R.T.: 5.801 min
Response: 0
Conc: N.D.



#23 AR-1248-3

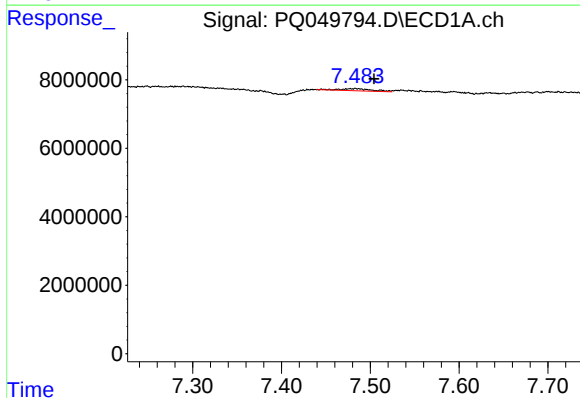
R.T.: 7.078 min
Delta R.T.: 0.005 min
Response: 425191
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



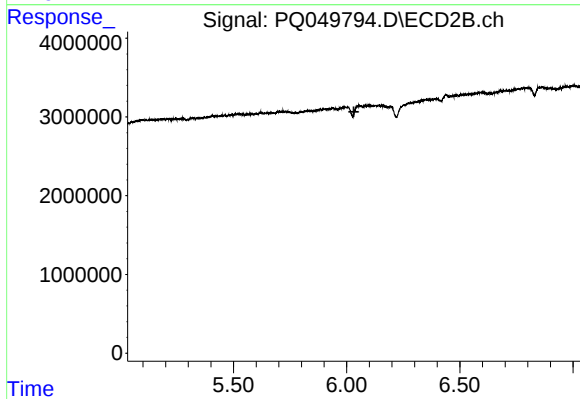
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.846 min
Response: 0
Conc: N.D.



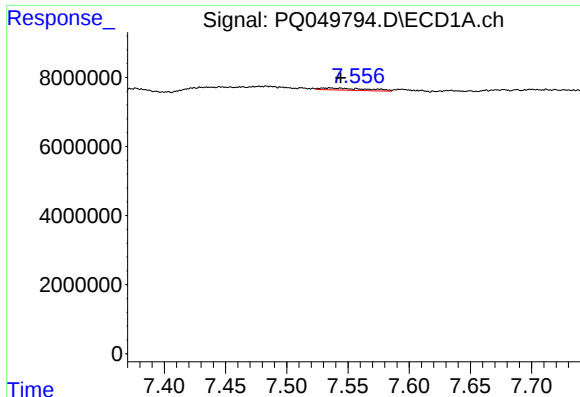
#24 AR-1248-4

R.T.: 7.483 min
Delta R.T.: -0.021 min
Response: 1499859
Conc: 4.82 ng/ml



#24 AR-1248-4

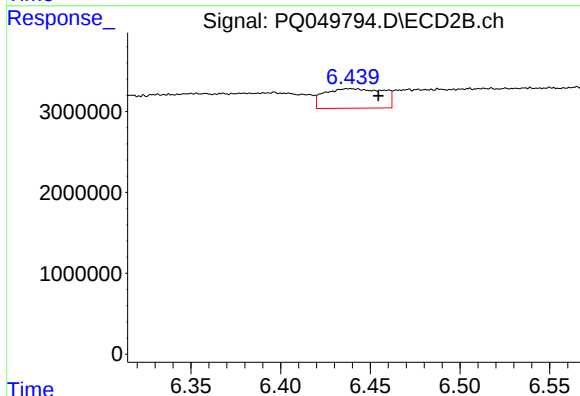
R.T.: 6.057 min
Delta R.T.: 0.025 min
Response: -148568
Conc: N.D.



#25 AR-1248-5

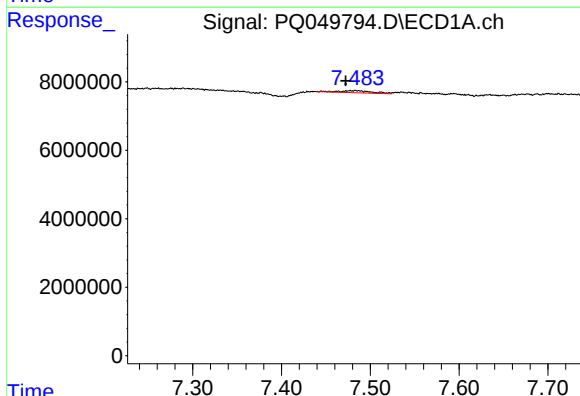
R.T.: 7.534 min
Delta R.T.: -0.010 min
Response: 1569373
Conc: 5.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



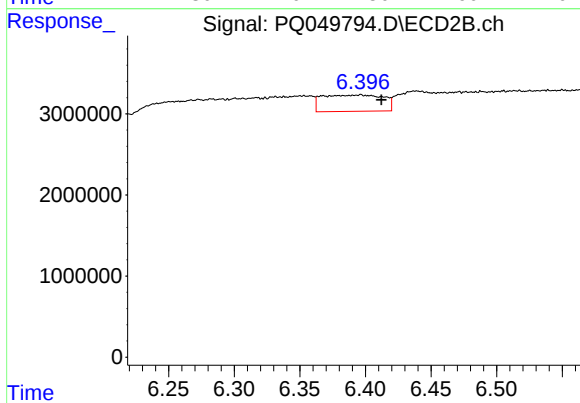
#25 AR-1248-5

R.T.: 6.439 min
Delta R.T.: -0.016 min
Response: 5504480
Conc: 24.06 ng/ml



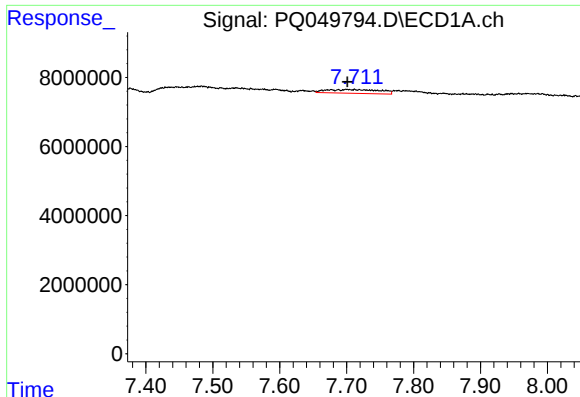
#26 AR-1254-1

R.T.: 7.483 min
Delta R.T.: 0.011 min
Response: 1499859
Conc: 5.27 ng/ml



#26 AR-1254-1

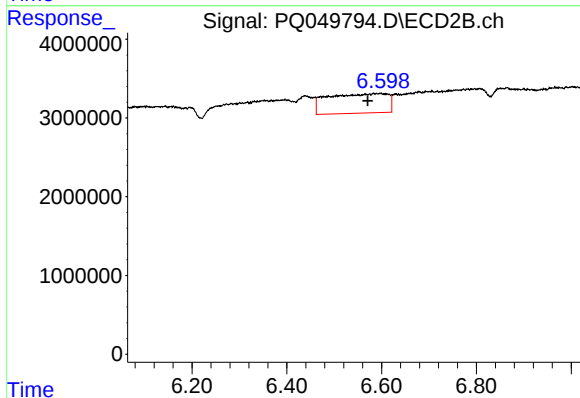
R.T.: 6.396 min
Delta R.T.: -0.016 min
Response: 6541724
Conc: 19.82 ng/ml



#27 AR-1254-2

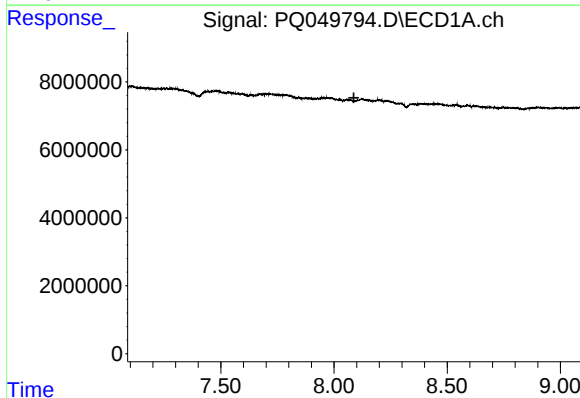
R.T.: 7.712 min
Delta R.T.: 0.010 min
Response: 6126274
Conc: 13.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



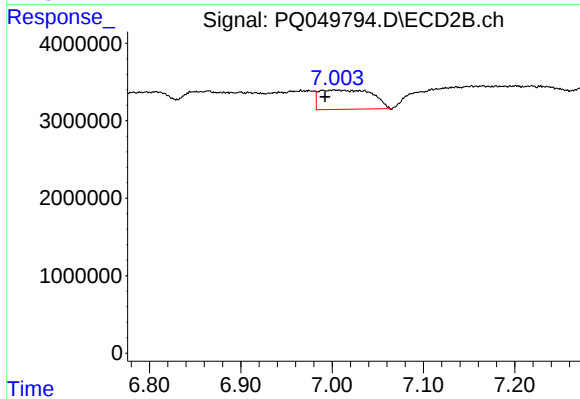
#27 AR-1254-2

R.T.: 6.597 min
Delta R.T.: 0.026 min
Response: 21874289
Conc: 75.99 ng/ml



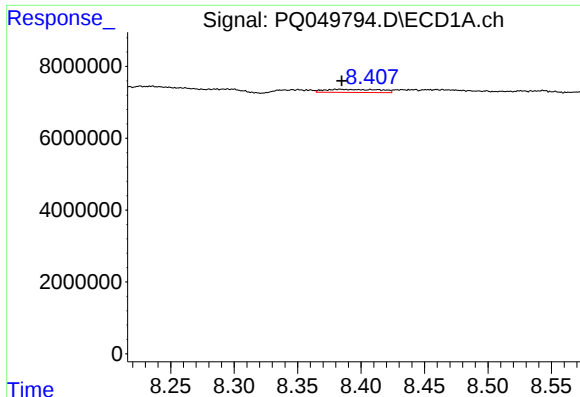
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.088 min
Response: 0
Conc: N.D.



#28 AR-1254-3

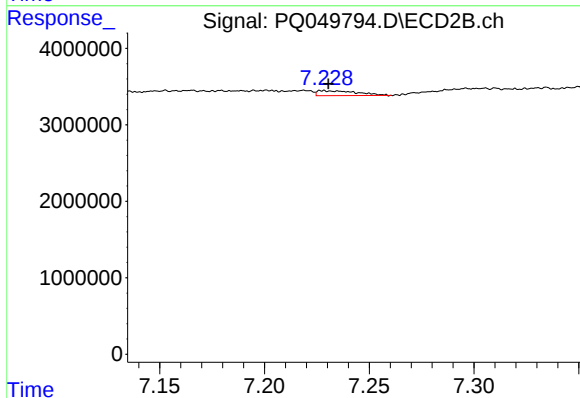
R.T.: 7.003 min
Delta R.T.: 0.011 min
Response: 10021476
Conc: 20.91 ng/ml



#29 AR-1254-4

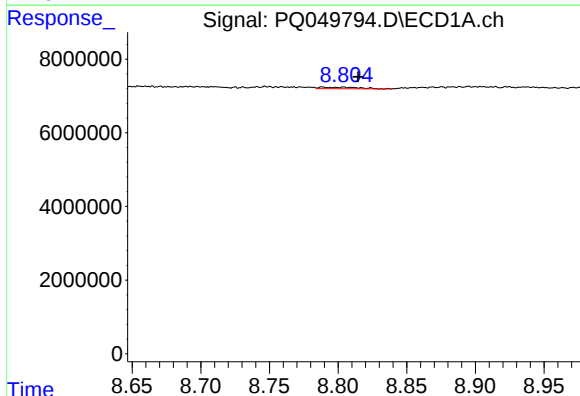
R.T.: 8.384 min
Delta R.T.: -0.001 min
Response: 2604297
Conc: 7.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



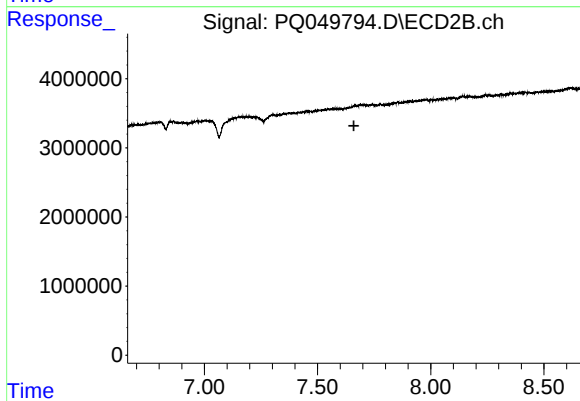
#29 AR-1254-4

R.T.: 7.229 min
Delta R.T.: -0.002 min
Response: 836922
Conc: 2.39 ng/ml



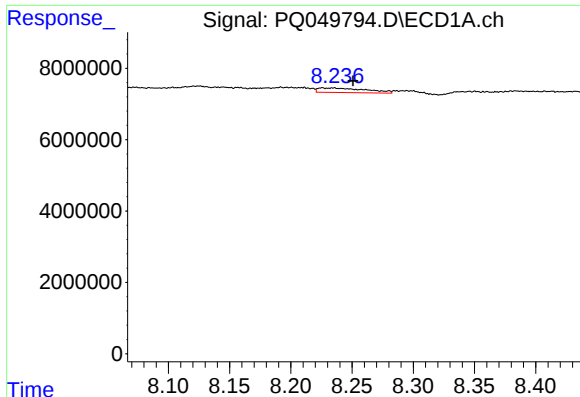
#30 AR-1254-5

R.T.: 8.804 min
Delta R.T.: -0.011 min
Response: 804245
Conc: 2.14 ng/ml



#30 AR-1254-5

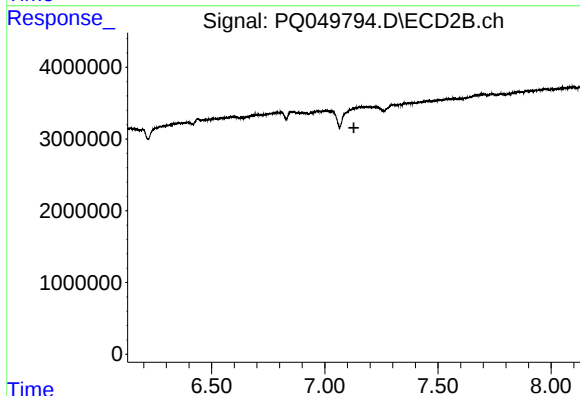
R.T.: 0.000 min
Exp R.T.: 7.660 min
Response: 0
Conc: N.D.



#31 AR-1260-1

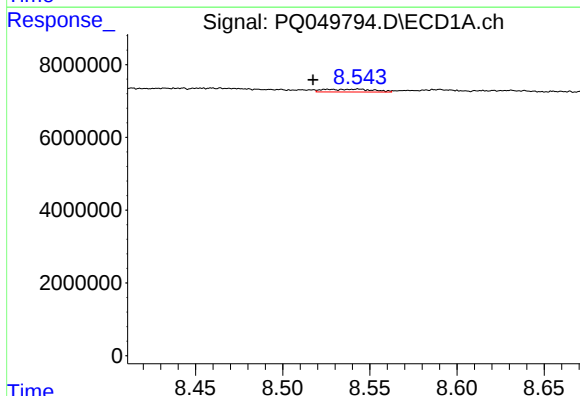
R.T.: 8.234 min
Delta R.T.: -0.017 min
Response: 3396074
Conc: 9.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



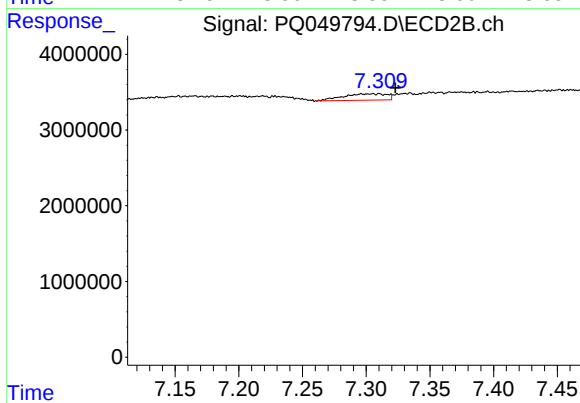
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.128 min
Response: 0
Conc: N.D.



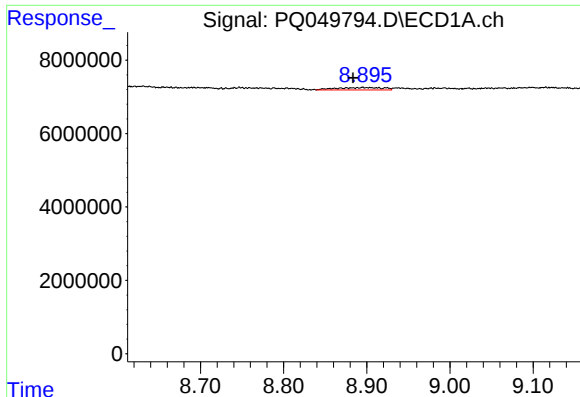
#32 AR-1260-2

R.T.: 8.542 min
Delta R.T.: 0.025 min
Response: 1529829
Conc: 3.49 ng/ml



#32 AR-1260-2

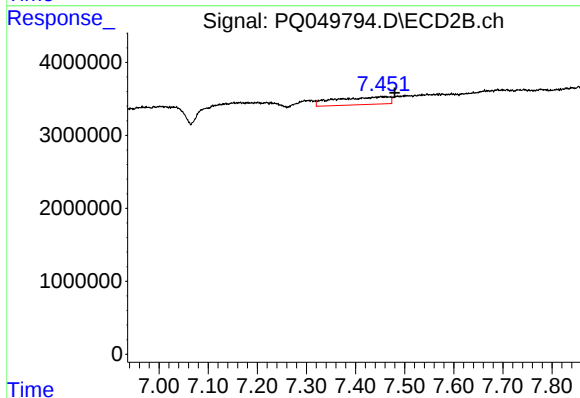
R.T.: 7.307 min
Delta R.T.: -0.016 min
Response: 1987469
Conc: 4.21 ng/ml



#33 AR-1260-3

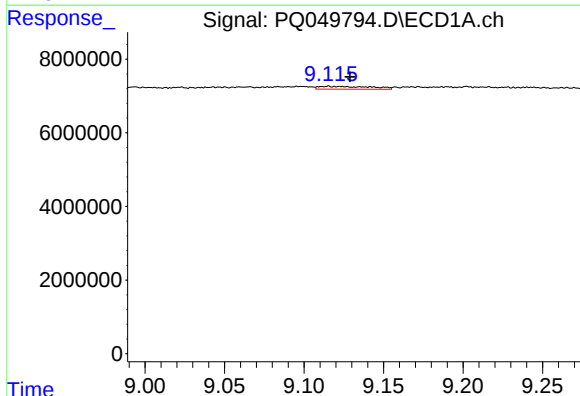
R.T.: 8.896 min
Delta R.T.: 0.012 min
Response: 2571514
Conc: 7.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



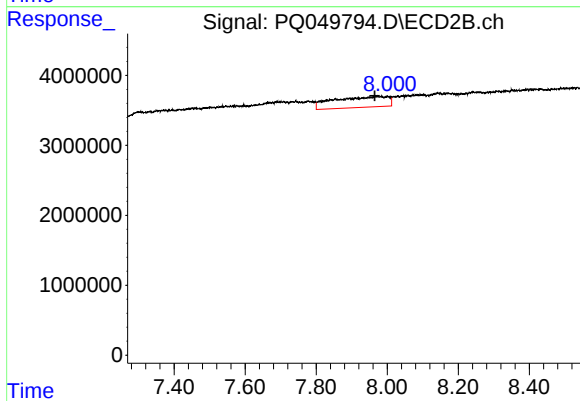
#33 AR-1260-3

R.T.: 7.459 min
Delta R.T.: -0.020 min
Response: 7929859
Conc: 20.13 ng/ml



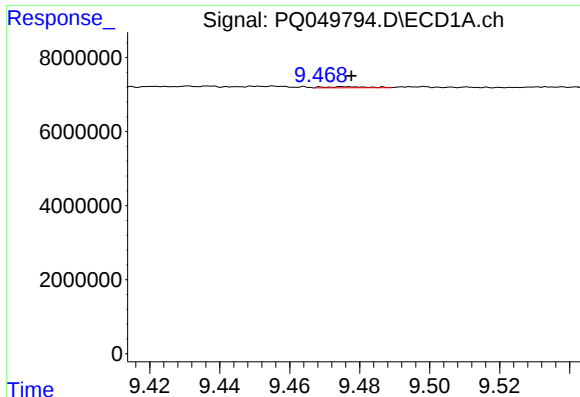
#34 AR-1260-4

R.T.: 9.115 min
Delta R.T.: -0.014 min
Response: 1773936
Conc: 4.54 ng/ml



#34 AR-1260-4

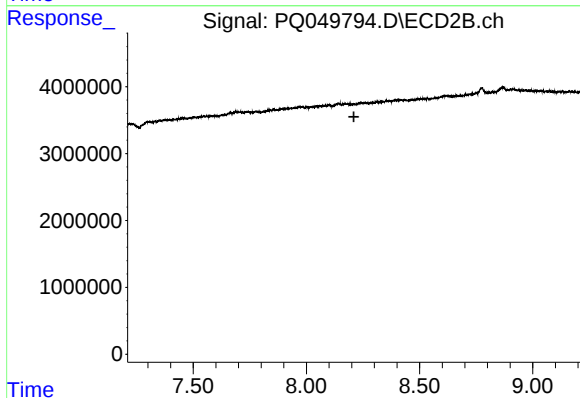
R.T.: 7.974 min
Delta R.T.: 0.009 min
Response: 16416745
Conc: 49.19 ng/ml



#35 AR-1260-5

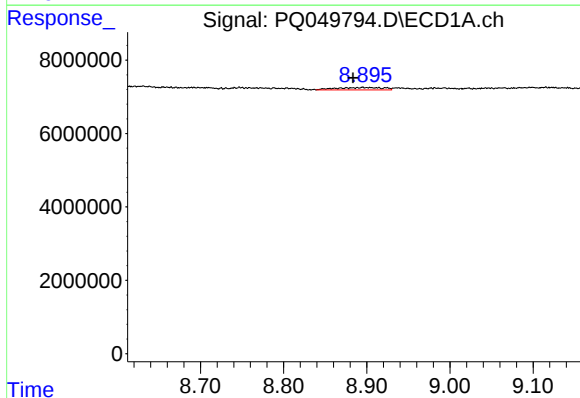
R.T.: 9.476 min
Delta R.T.: -0.001 min
Response: 244609
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



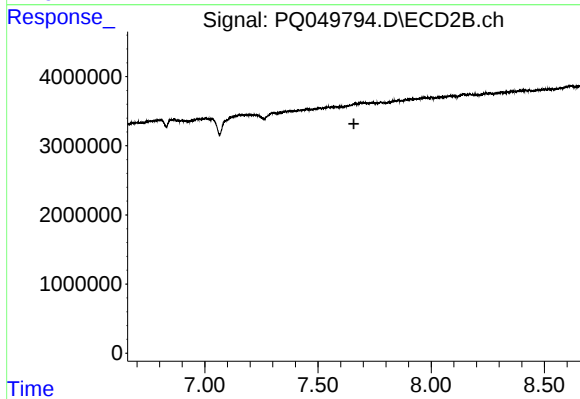
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.210 min
Response: 0
Conc: N.D.



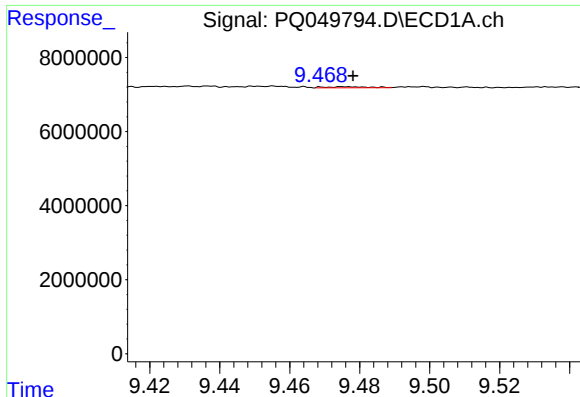
#36 AR-1262-1

R.T.: 8.896 min
Delta R.T.: 0.012 min
Response: 2571514
Conc: 5.60 ng/ml



#36 AR-1262-1

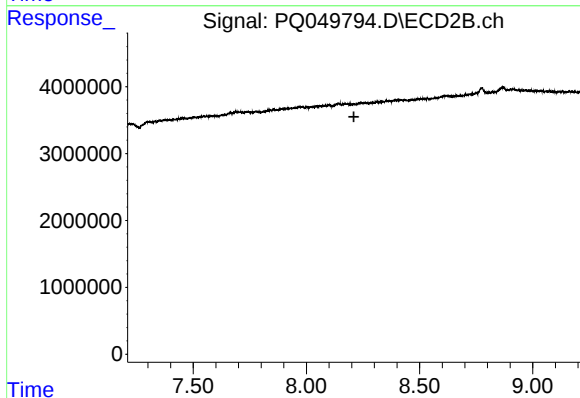
R.T.: 0.000 min
Exp R.T. : 7.659 min
Response: 0
Conc: N.D.



#37 AR-1262-2

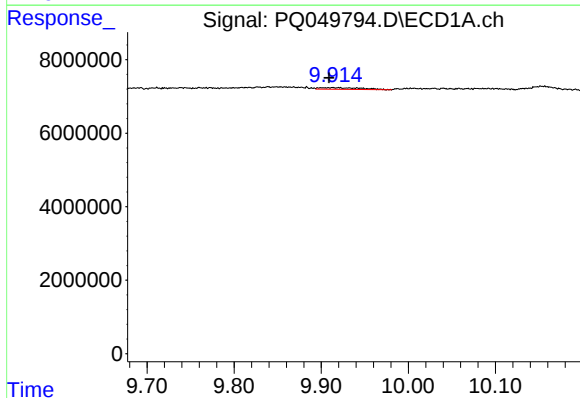
R.T.: 9.476 min
Delta R.T.: -0.002 min
Response: 244609
Conc: 0.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



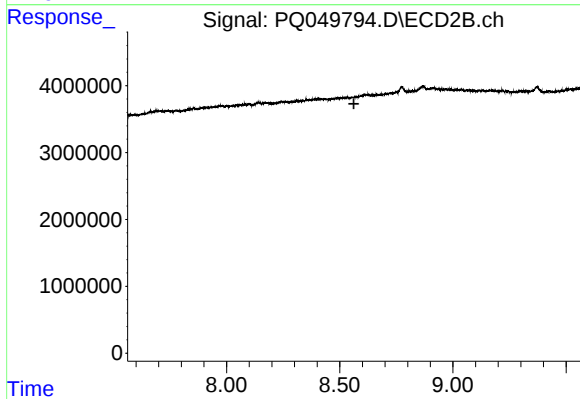
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.210 min
Response: 0
Conc: N.D.



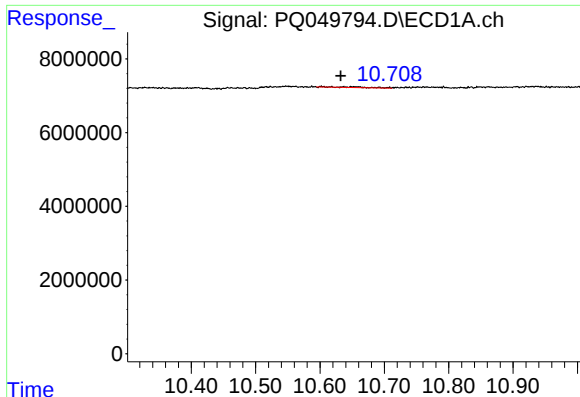
#39 AR-1262-4

R.T.: 9.913 min
Delta R.T.: 0.004 min
Response: 1489342
Conc: 3.19 ng/ml



#39 AR-1262-4

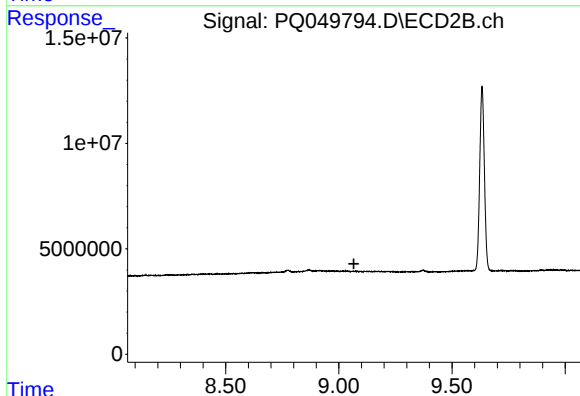
R.T.: 0.000 min
Exp R.T. : 8.562 min
Response: 0
Conc: N.D.



#40 AR-1262-5

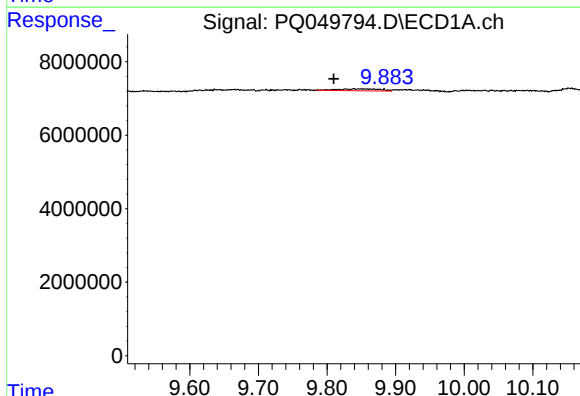
R.T.: 10.652 min
Delta R.T.: 0.020 min
Response: 574588
Conc: 1.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



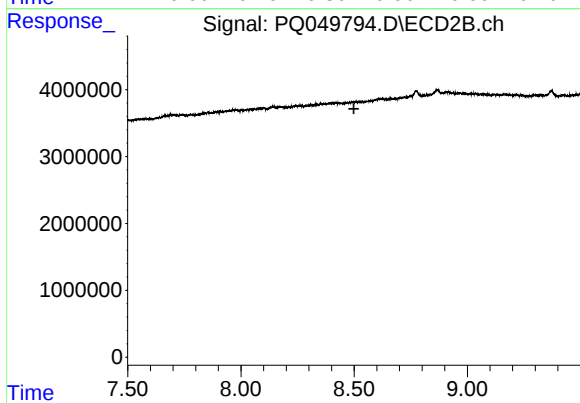
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.066 min
Response: 0
Conc: N.D.



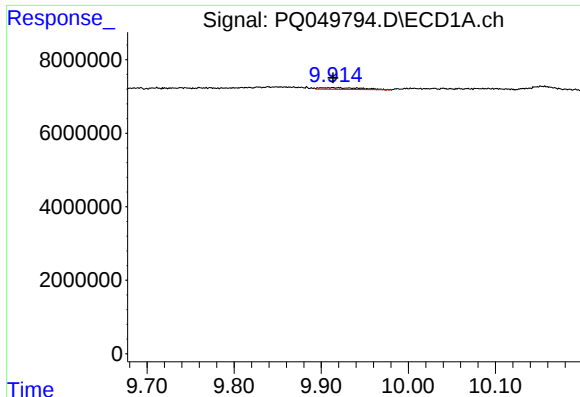
#41 AR-1268-1

R.T.: 9.840 min
Delta R.T.: 0.030 min
Response: 2295278
Conc: 2.21 ng/ml



#41 AR-1268-1

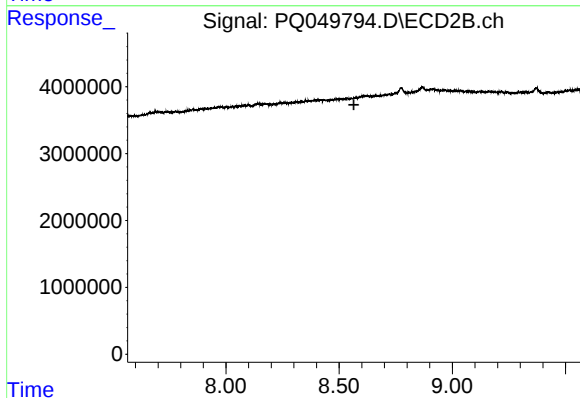
R.T.: 0.000 min
Exp R.T. : 8.499 min
Response: 0
Conc: N.D.



#42 AR-1268-2

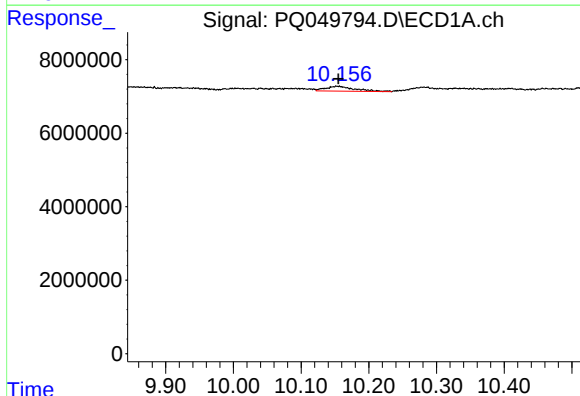
R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 1489342
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



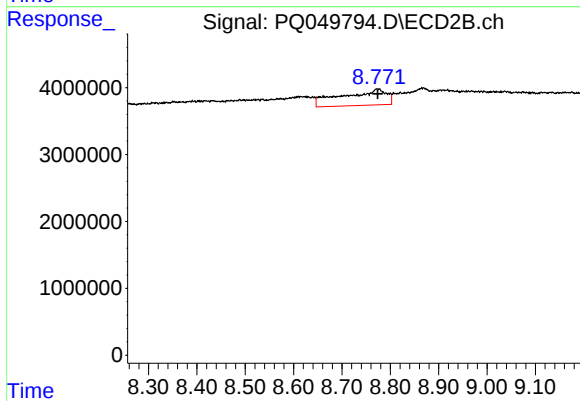
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.565 min
Response: 0
Conc: N.D.



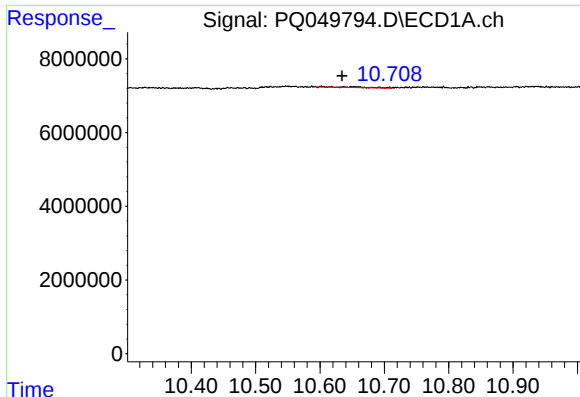
#43 AR-1268-3

R.T.: 10.154 min
Delta R.T.: -0.001 min
Response: 3997890
Conc: 4.59 ng/ml



#43 AR-1268-3

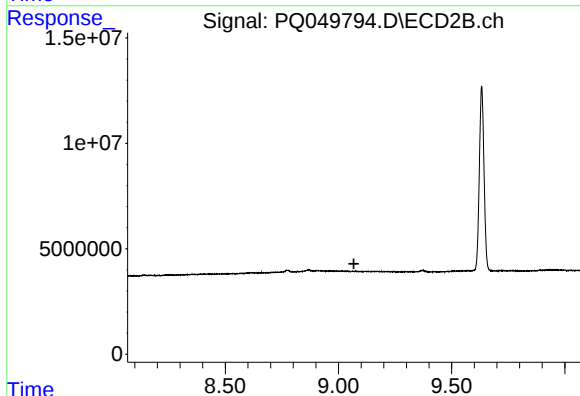
R.T.: 8.774 min
Delta R.T.: 0.000 min
Response: 15206292
Conc: 20.41 ng/ml



#44 AR-1268-4

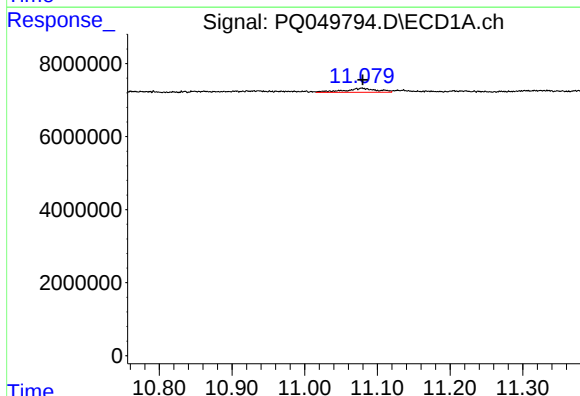
R.T.: 10.652 min
Delta R.T.: 0.018 min
Response: 574588
Conc: 1.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



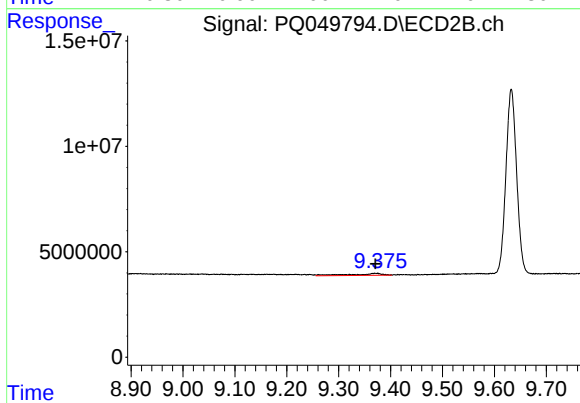
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.068 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.079 min
Delta R.T.: 0.000 min
Response: 3381178
Conc: 1.32 ng/ml



#45 AR-1268-5

R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 4043820
Conc: 1.91 ng/ml