

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091820\
 Data File : PQ049877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2020 17:00
 Operator : DD\AJ
 Sample : L4052-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 17:49:31 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...	5.252f	4.302f	152.5E6	77657102	14.306	14.978
2)	SA Decachlor...	11.427	0.000	2083608	0	0.260	N.D. #
Target Compounds							
3)	L1 AR-1016-1	0.000	5.548	0	594960	N.D.	2.630 #
4)	L1 AR-1016-2	6.613f	5.548	1806138	594960	4.082	1.922 #
5)	L1 AR-1016-3	6.661	5.737	1682219	6338999	5.861	41.743 #
6)	L1 AR-1016-4	6.746	5.797	657505	2640918	2.567	23.114 #
7)	L1 AR-1016-5	7.062	6.019	1644980	2178484	7.620	13.571 #
9)	L2 AR-1221-2	5.610f	4.656f	3768266	2333881	41.549	54.597 #
10)	L2 AR-1221-3	5.661	4.711	948736	1049782	3.618	7.660 #
11)	L3 AR-1232-1	5.661	4.711	948736	1049782	4.414	9.515 #
12)	L3 AR-1232-2	6.261	5.548	4574234	594960	40.593	4.653 #
13)	L3 AR-1232-3	6.613f	5.737	1806138	6338999	9.603	102.689 #
14)	L3 AR-1232-4	6.746	5.848	657505	8164613	5.513	152.118 #
15)	L3 AR-1232-5	6.874f	6.019	4840914	2178484	53.466	34.972 #
16)	L4 AR-1242-1	0.000	5.548	0	594960	N.D.	3.118 #
17)	L4 AR-1242-2	0.000	5.548	0	594960	N.D.	2.278 #
18)	L4 AR-1242-3	6.661	5.737	1682219	6338999	6.735	45.318 #
19)	L4 AR-1242-4	6.746	5.848	657505	8164613	3.145	62.636 #
20)	L4 AR-1242-5	7.565f	6.429f	2090278	7291672	10.246	38.577 #
21)	L5 AR-1248-1	0.000	5.548	0	594960	N.D.	4.450 #
22)	L5 AR-1248-2	6.874f	5.797	4840914	2640918	18.103	16.832
23)	L5 AR-1248-3	7.062	5.848	1644980	8164613	6.176	49.213 #
24)	L5 AR-1248-4	7.503	6.019	1005211	2178484	3.231	10.459 #
25)	L5 AR-1248-5	7.565f	6.468	2090278	4710647	6.921	20.586 #
26)	L6 AR-1254-1	7.456f	6.429f	742191	7291672	2.607	22.097 #
27)	L6 AR-1254-2	7.718f	6.547f	6012485	2371725	13.619	8.239 #
28)	L6 AR-1254-3	8.110f	0.000	4805528	0	10.677	N.D. #
29)	L6 AR-1254-4	8.404f	7.218	1582541	648205	4.423	1.854 #
30)	L6 AR-1254-5	0.000	7.679f	0	13497132	N.D.	29.550 #
31)	L7 AR-1260-1	8.274f	7.113f	2006450	576378	5.653	1.760 #
32)	L7 AR-1260-2	8.541f	7.306f	5943180	1760963	13.541	3.732 #
33)	L7 AR-1260-3	8.909f	0.000	470.4E6	0	1345.563	N.D. #
34)	L7 AR-1260-4	0.000	7.941f	0	5463009	N.D.	16.370 #
35)	L7 AR-1260-5	0.000	8.180f	0	6252518	N.D.	7.043 #
36)	L8 AR-1262-1	8.909f	7.679f	470.4E6	13497132	1025.210	54.758 #
37)	L8 AR-1262-2	0.000	8.180f	0	6252518	N.D.	6.497 #
39)	L8 AR-1262-4	9.881f	0.000	2499357	0	5.357	N.D. #
40)	L8 AR-1262-5	0.000	9.081	0	34030240	N.D.	121.734 #
43)	L9 AR-1268-3	10.167	8.787	1188134	14236538	1.364	19.104 #
44)	L9 AR-1268-4	0.000	9.081	0	34030240	N.D.	103.026 #
45)	L9 AR-1268-5	0.000	9.360	0	12089511	N.D.	5.725 #

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Acq On : 18 Sep 2020 17:00
Operator : DD\AJ
Sample : L4052-04
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Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 17:49:31 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

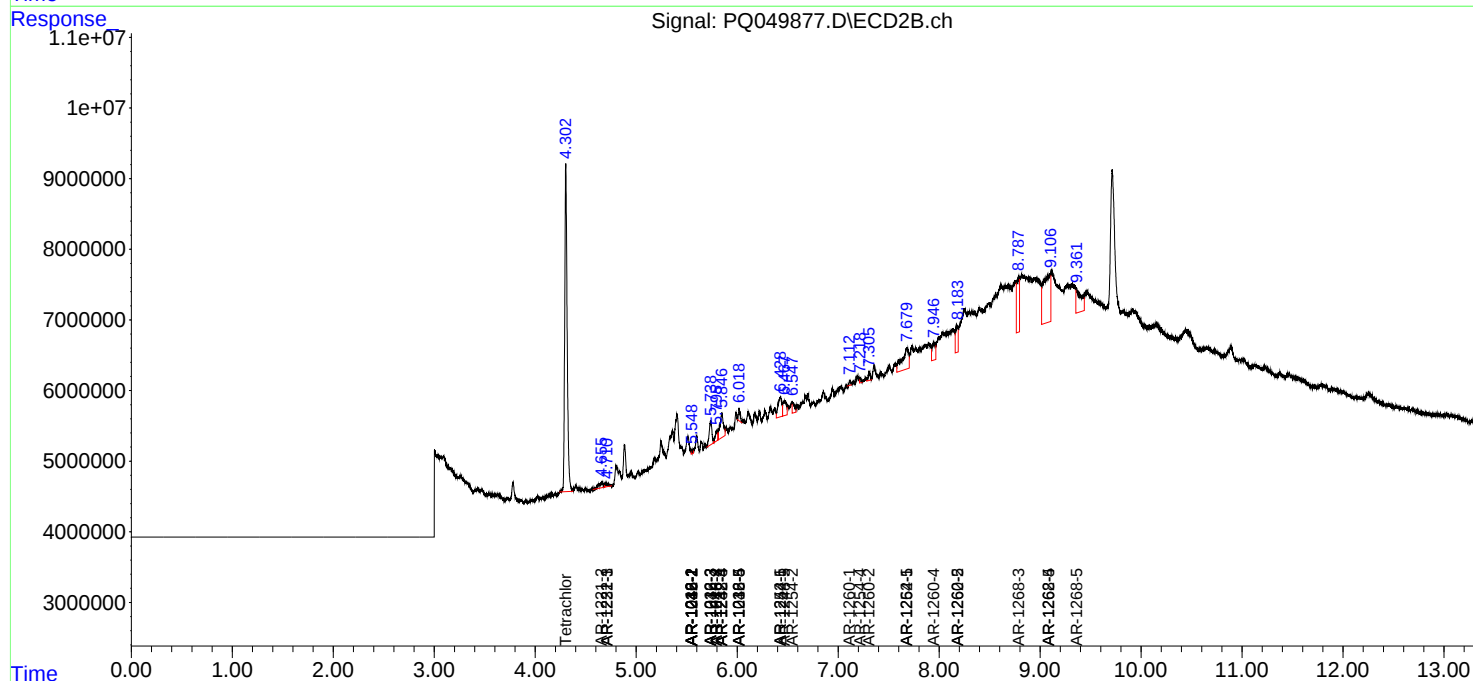
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

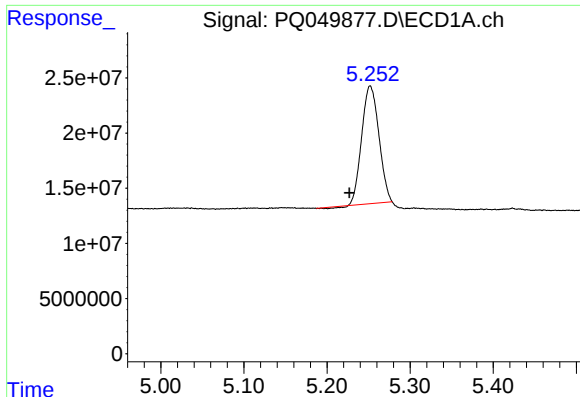
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

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

Instrument :
ECD_Q
ClientSampleId :

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

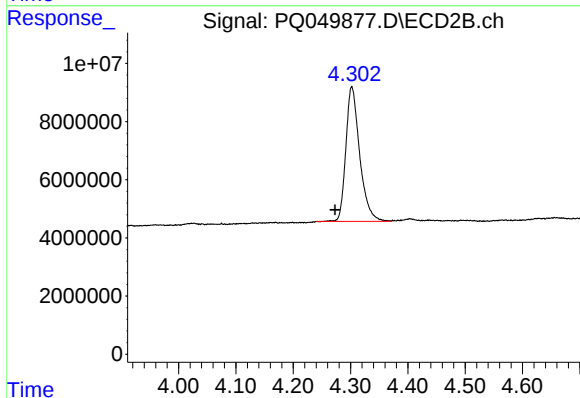




#1 Tetrachloro-m-xylene

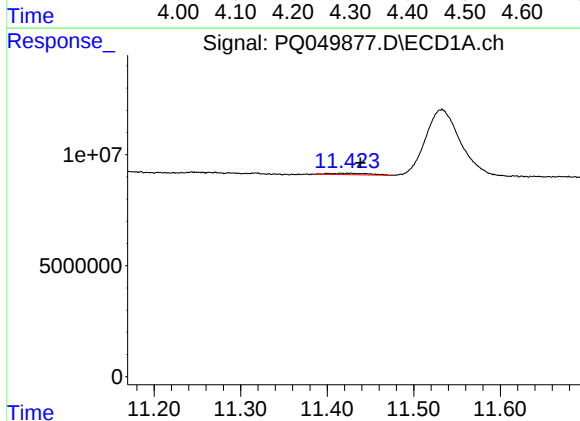
R.T.: 5.252 min
Delta R.T.: 0.025 min
Response: 152506403
Conc: 14.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



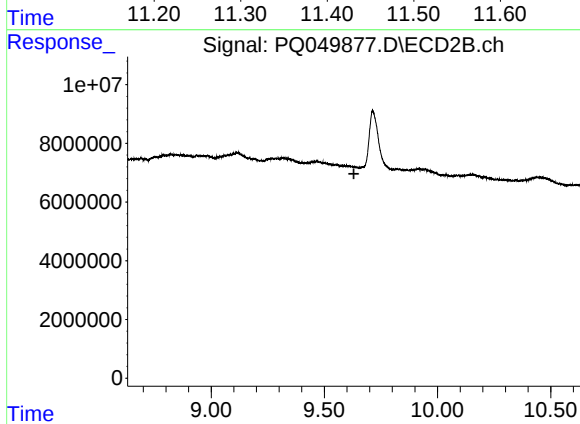
#1 Tetrachloro-m-xylene

R.T.: 4.302 min
Delta R.T.: 0.029 min
Response: 77657102
Conc: 14.98 ng/ml



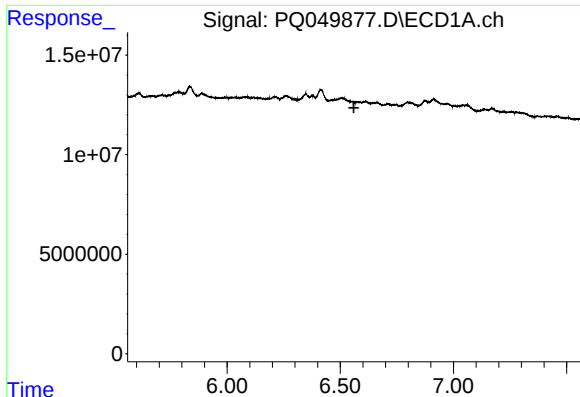
#2 Decachlorobiphenyl

R.T.: 11.427 min
Delta R.T.: -0.011 min
Response: 2083608
Conc: 0.26 ng/ml



#2 Decachlorobiphenyl

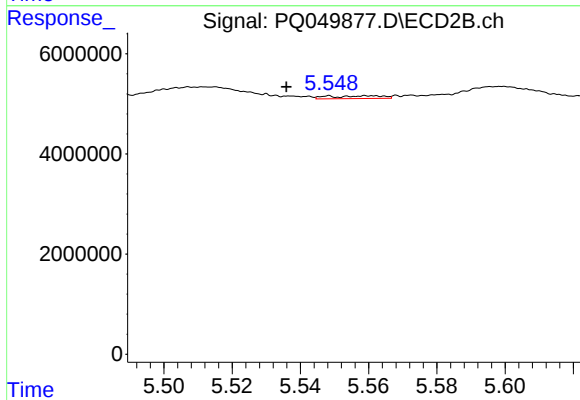
R.T.: 0.000 min
Exp R.T. : 9.631 min
Response: 0
Conc: N.D.



#3 AR-1016-1

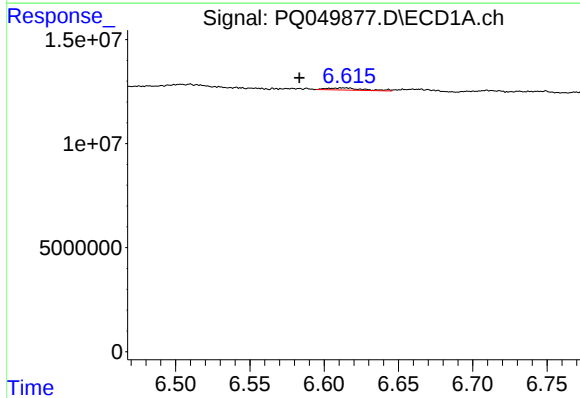
R.T.: 0.000 min
Exp R.T.: 6.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



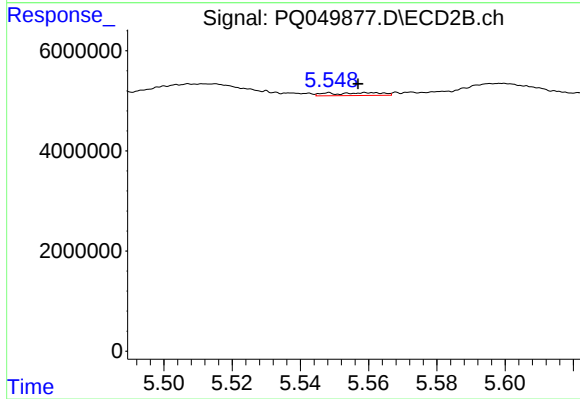
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: 0.012 min
Response: 594960
Conc: 2.63 ng/ml



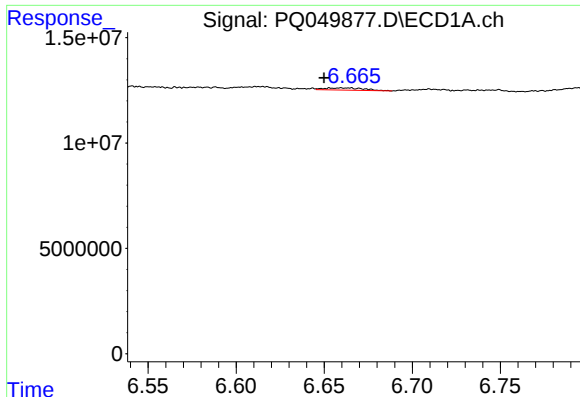
#4 AR-1016-2

R.T.: 6.613 min
Delta R.T.: 0.030 min
Response: 1806138
Conc: 4.08 ng/ml



#4 AR-1016-2

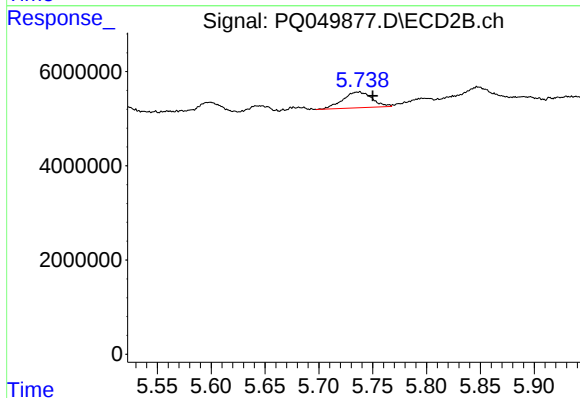
R.T.: 5.548 min
Delta R.T.: -0.009 min
Response: 594960
Conc: 1.92 ng/ml



#5 AR-1016-3

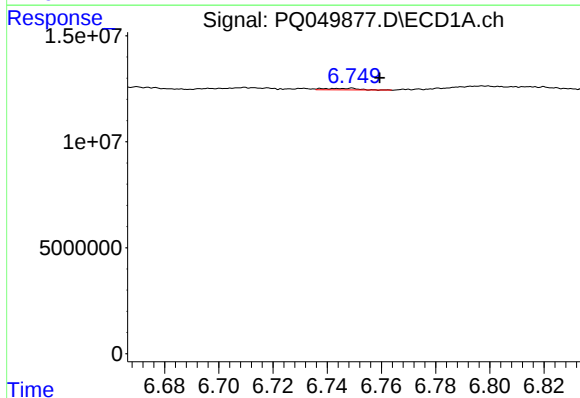
R.T.: 6.661 min
Delta R.T.: 0.011 min
Response: 1682219
Conc: 5.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



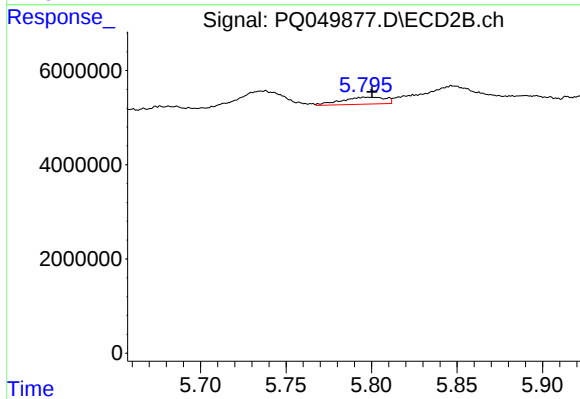
#5 AR-1016-3

R.T.: 5.737 min
Delta R.T.: -0.013 min
Response: 6338999
Conc: 41.74 ng/ml



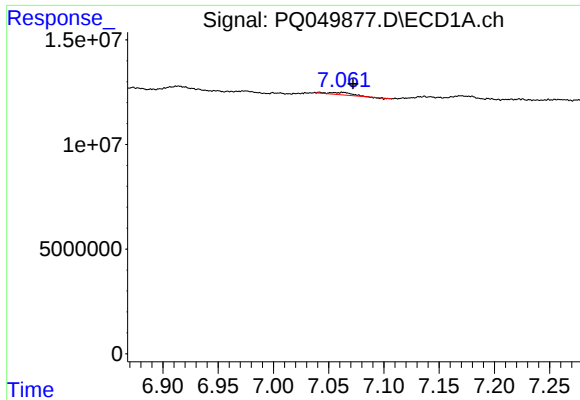
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: -0.013 min
Response: 657505
Conc: 2.57 ng/ml



#6 AR-1016-4

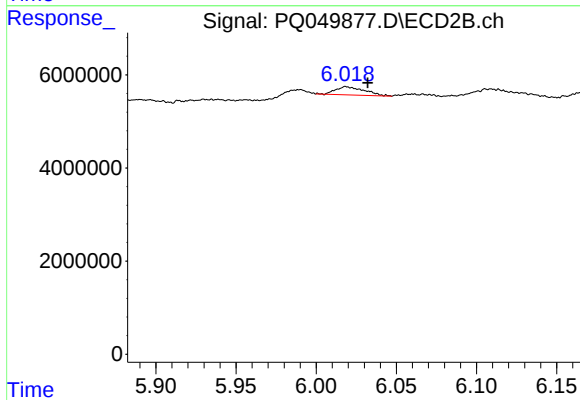
R.T.: 5.797 min
Delta R.T.: -0.003 min
Response: 2640918
Conc: 23.11 ng/ml



#7 AR-1016-5

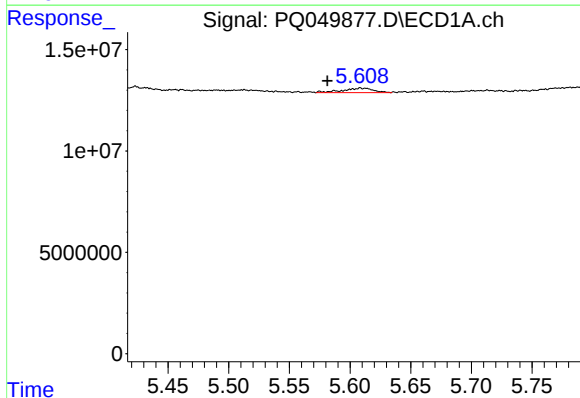
R.T.: 7.062 min
Delta R.T.: -0.010 min
Response: 1644980
Conc: 7.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



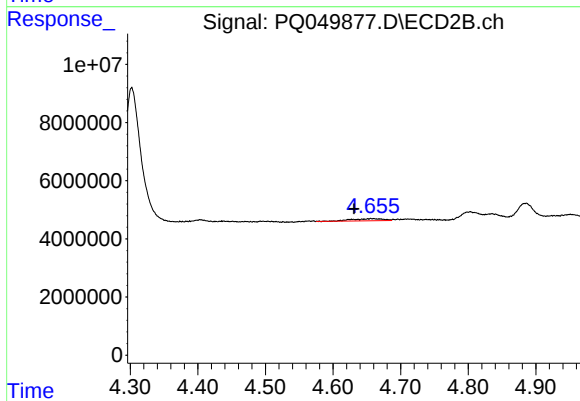
#7 AR-1016-5

R.T.: 6.019 min
Delta R.T.: -0.013 min
Response: 2178484
Conc: 13.57 ng/ml



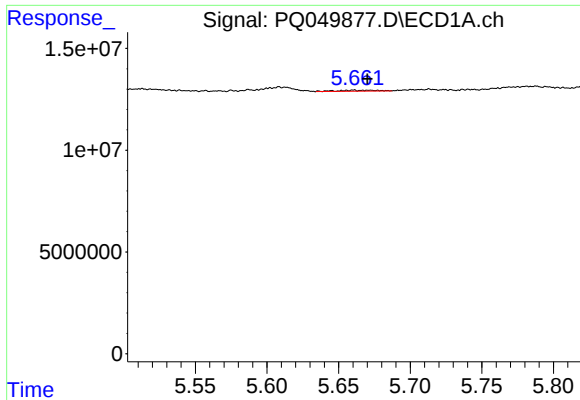
#9 AR-1221-2

R.T.: 5.610 min
Delta R.T.: 0.029 min
Response: 3768266
Conc: 41.55 ng/ml



#9 AR-1221-2

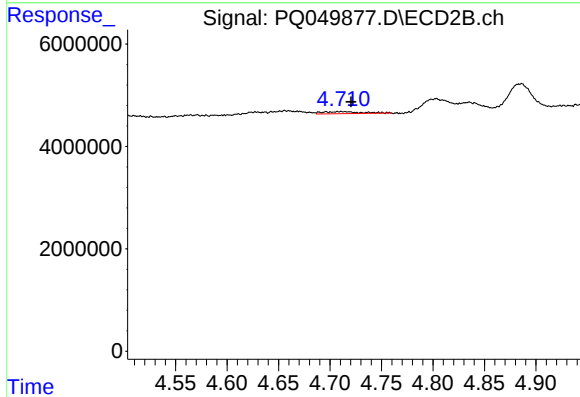
R.T.: 4.656 min
Delta R.T.: 0.025 min
Response: 2333881
Conc: 54.60 ng/ml



#10 AR-1221-3

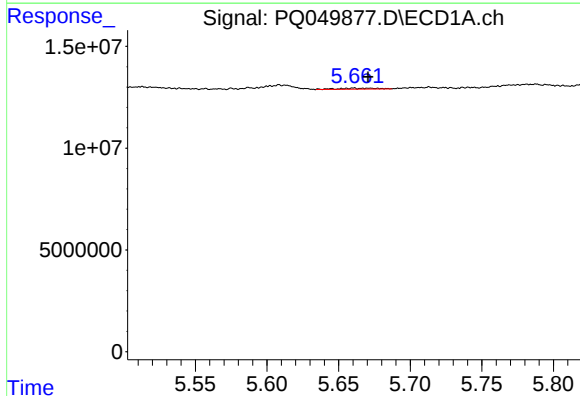
R.T.: 5.661 min
Delta R.T.: -0.009 min
Response: 948736
Conc: 3.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



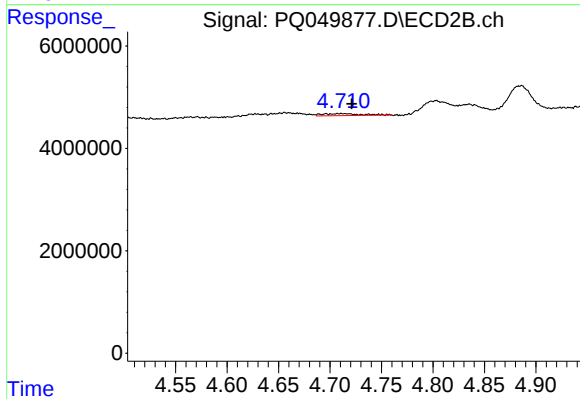
#10 AR-1221-3

R.T.: 4.711 min
Delta R.T.: -0.010 min
Response: 1049782
Conc: 7.66 ng/ml



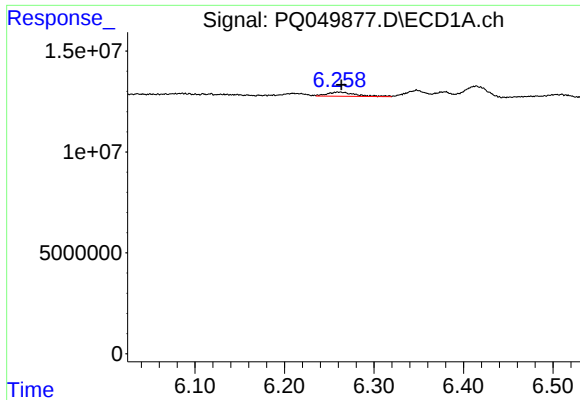
#11 AR-1232-1

R.T.: 5.661 min
Delta R.T.: -0.010 min
Response: 948736
Conc: 4.41 ng/ml



#11 AR-1232-1

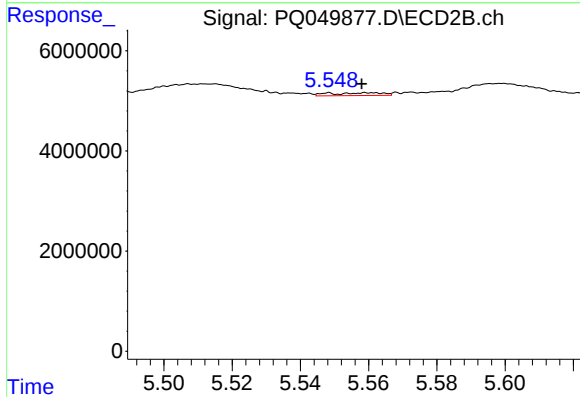
R.T.: 4.711 min
Delta R.T.: -0.010 min
Response: 1049782
Conc: 9.52 ng/ml



#12 AR-1232-2

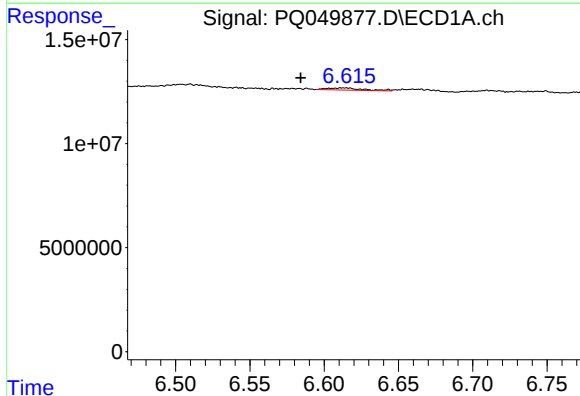
R.T.: 6.261 min
Delta R.T.: -0.003 min
Response: 4574234
Conc: 40.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



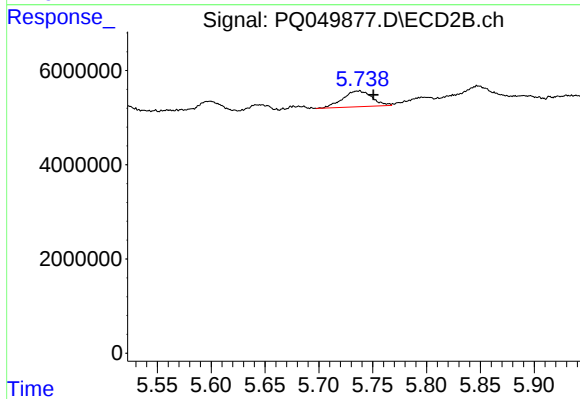
#12 AR-1232-2

R.T.: 5.548 min
Delta R.T.: -0.010 min
Response: 594960
Conc: 4.65 ng/ml



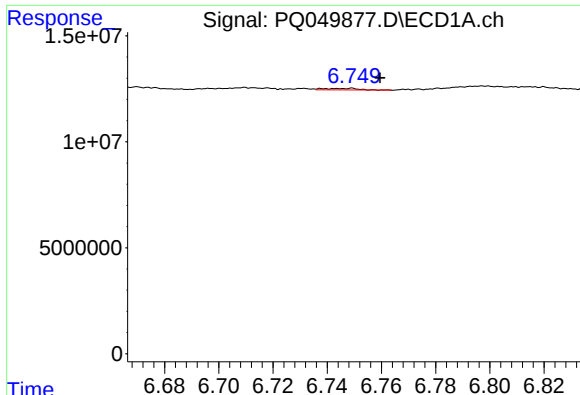
#13 AR-1232-3

R.T.: 6.613 min
Delta R.T.: 0.029 min
Response: 1806138
Conc: 9.60 ng/ml



#13 AR-1232-3

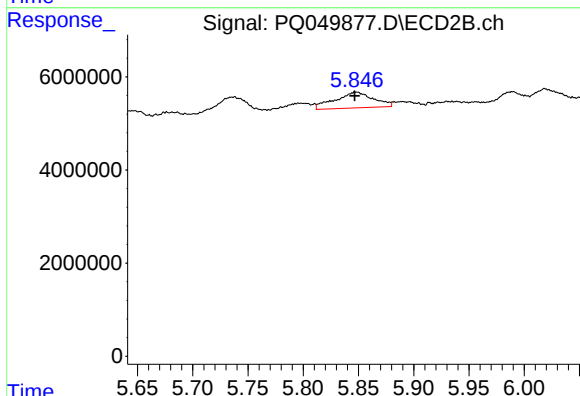
R.T.: 5.737 min
Delta R.T.: -0.014 min
Response: 6338999
Conc: 102.69 ng/ml



#14 AR-1232-4

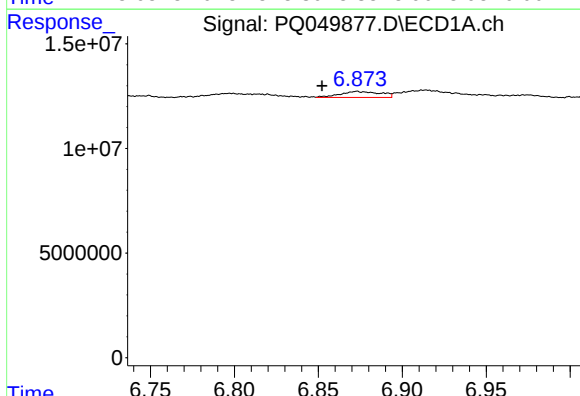
R.T.: 6.746 min
Delta R.T.: -0.013 min
Response: 657505
Conc: 5.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



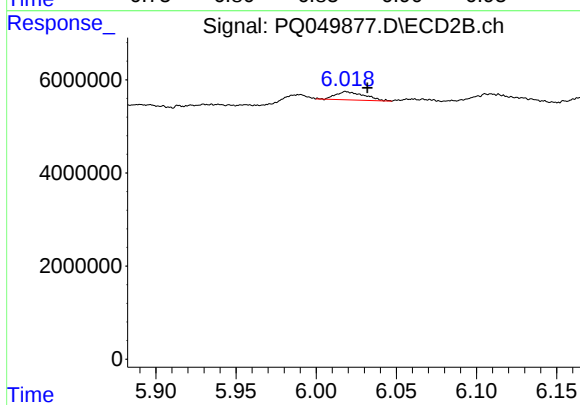
#14 AR-1232-4

R.T.: 5.848 min
Delta R.T.: 0.001 min
Response: 8164613
Conc: 152.12 ng/ml



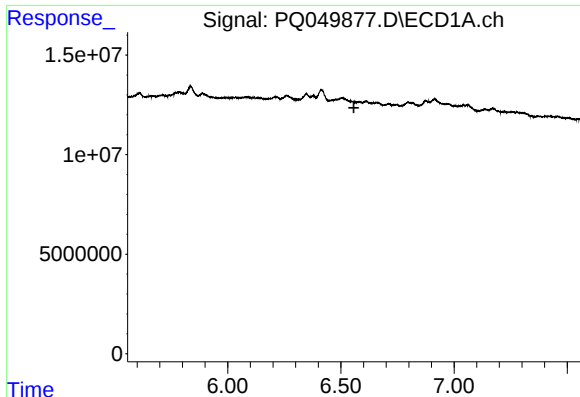
#15 AR-1232-5

R.T.: 6.874 min
Delta R.T.: 0.022 min
Response: 4840914
Conc: 53.47 ng/ml



#15 AR-1232-5

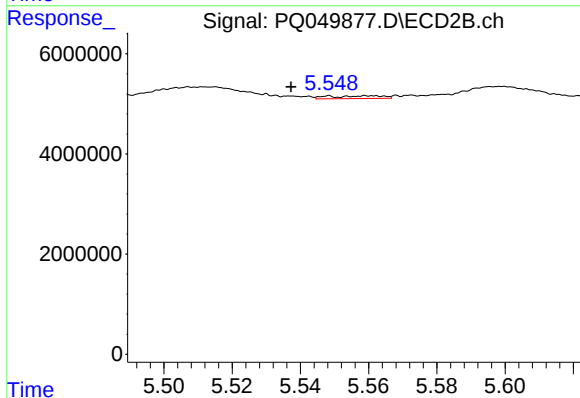
R.T.: 6.019 min
Delta R.T.: -0.013 min
Response: 2178484
Conc: 34.97 ng/ml



#16 AR-1242-1

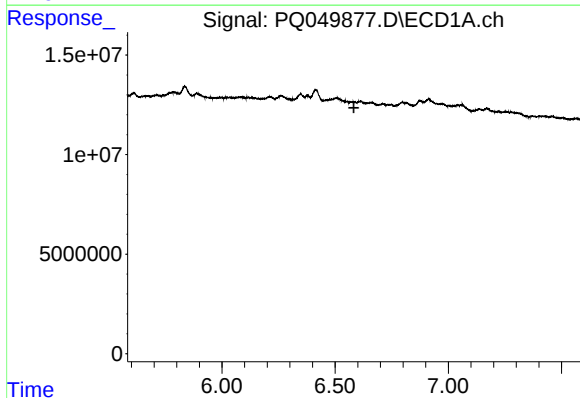
R.T.: 0.000 min
Exp R.T.: 6.557 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



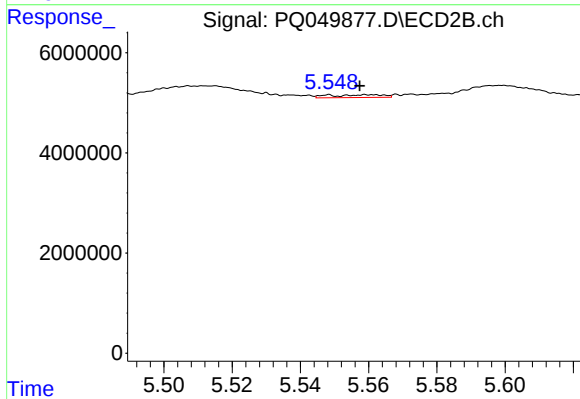
#16 AR-1242-1

R.T.: 5.548 min
Delta R.T.: 0.011 min
Response: 594960
Conc: 3.12 ng/ml



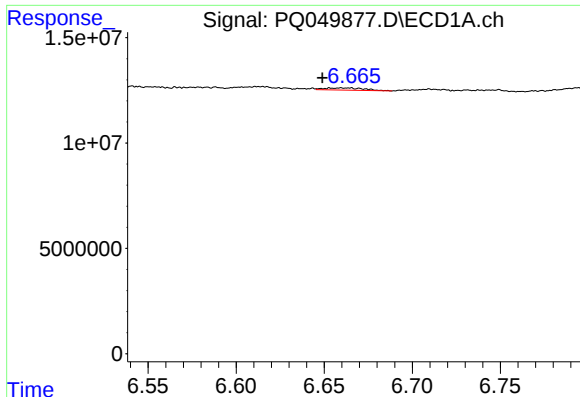
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

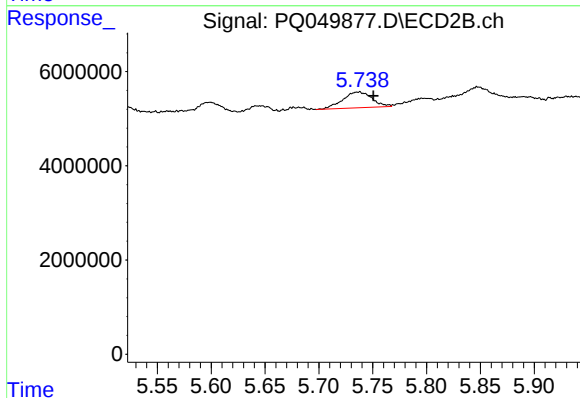
R.T.: 5.548 min
Delta R.T.: -0.009 min
Response: 594960
Conc: 2.28 ng/ml



#18 AR-1242-3

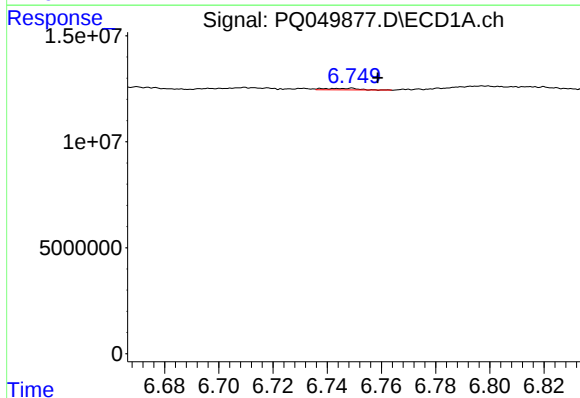
R.T.: 6.661 min
Delta R.T.: 0.012 min
Response: 1682219
Conc: 6.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



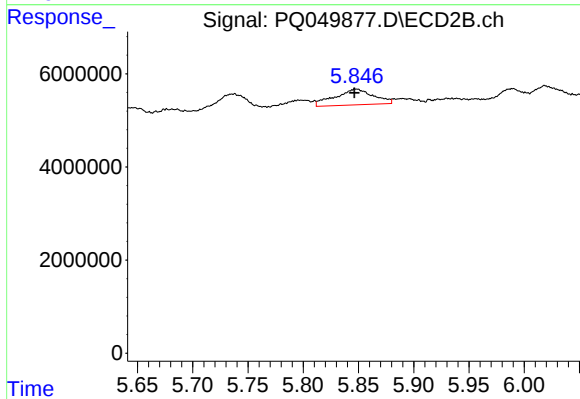
#18 AR-1242-3

R.T.: 5.737 min
Delta R.T.: -0.014 min
Response: 6338999
Conc: 45.32 ng/ml



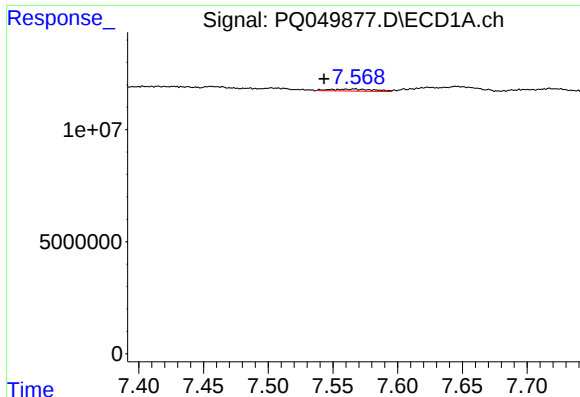
#19 AR-1242-4

R.T.: 6.746 min
Delta R.T.: -0.013 min
Response: 657505
Conc: 3.15 ng/ml



#19 AR-1242-4

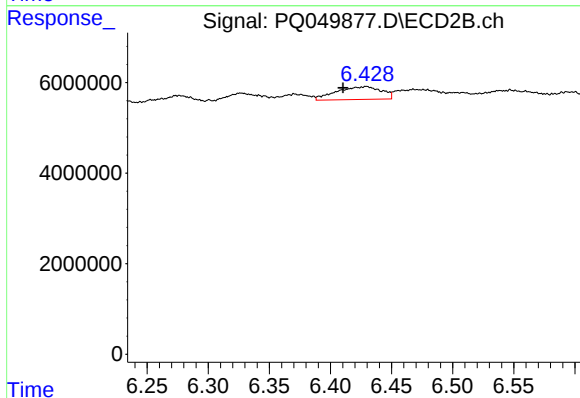
R.T.: 5.848 min
Delta R.T.: 0.002 min
Response: 8164613
Conc: 62.64 ng/ml



#20 AR-1242-5

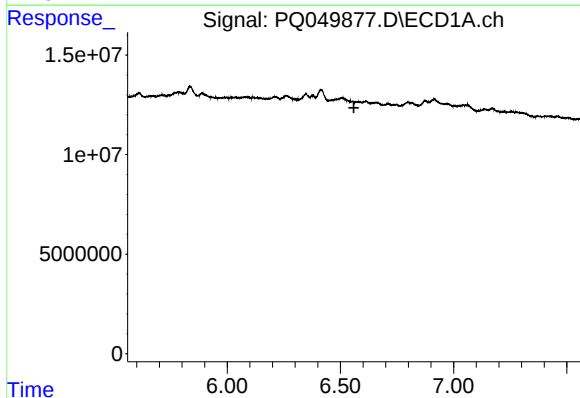
R.T.: 7.565 min
Delta R.T.: 0.022 min
Response: 2090278
Conc: 10.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



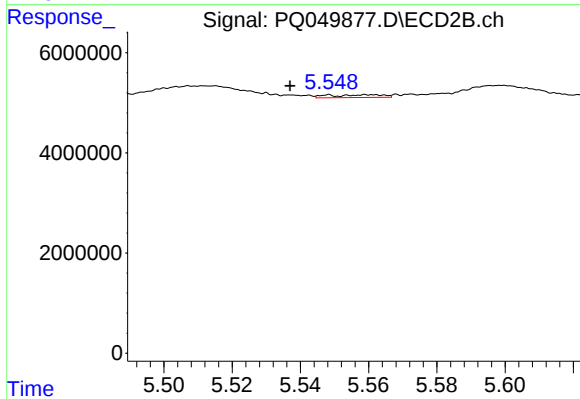
#20 AR-1242-5

R.T.: 6.429 min
Delta R.T.: 0.019 min
Response: 7291672
Conc: 38.58 ng/ml



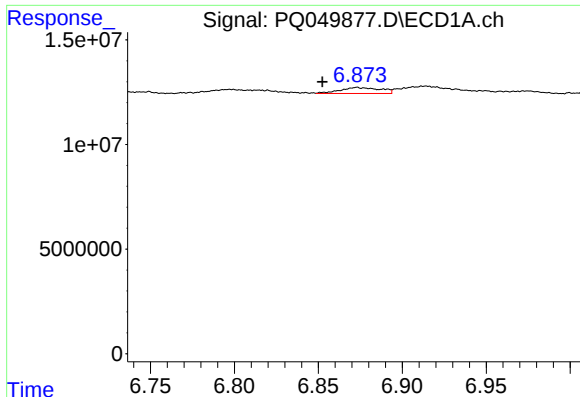
#21 AR-1248-1

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



#21 AR-1248-1

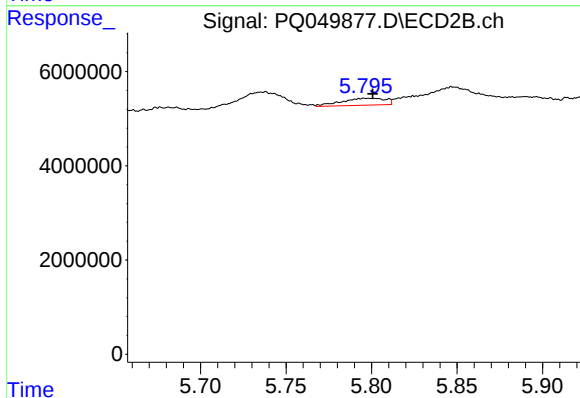
R.T.: 5.548 min
Delta R.T.: 0.011 min
Response: 594960
Conc: 4.45 ng/ml



#22 AR-1248-2

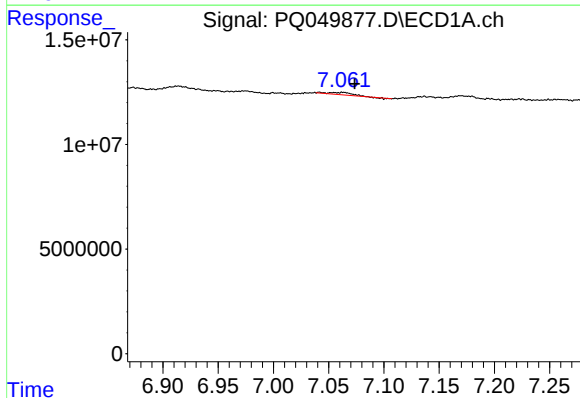
R.T.: 6.874 min
Delta R.T.: 0.021 min
Response: 4840914
Conc: 18.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



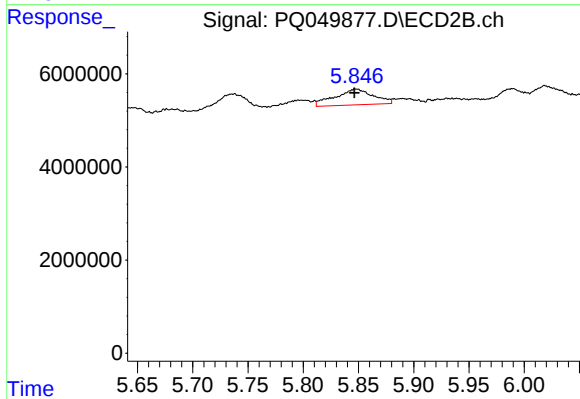
#22 AR-1248-2

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 2640918
Conc: 16.83 ng/ml



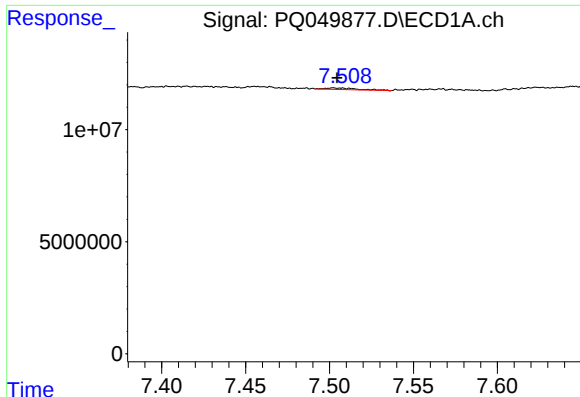
#23 AR-1248-3

R.T.: 7.062 min
Delta R.T.: -0.011 min
Response: 1644980
Conc: 6.18 ng/ml



#23 AR-1248-3

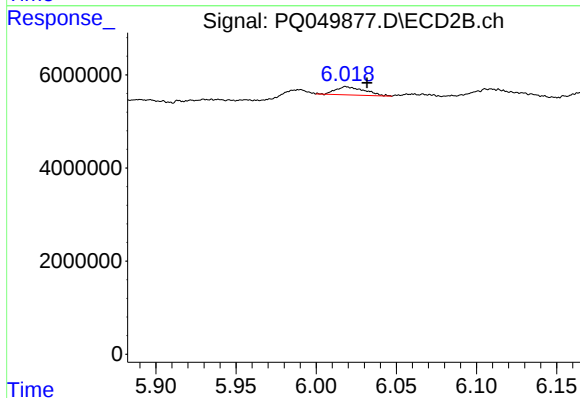
R.T.: 5.848 min
Delta R.T.: 0.002 min
Response: 8164613
Conc: 49.21 ng/ml



#24 AR-1248-4

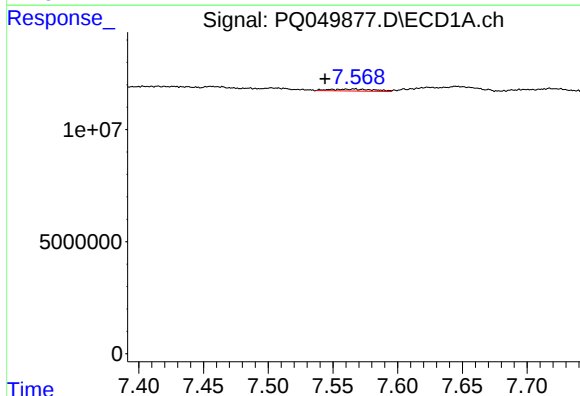
R.T.: 7.503 min
Delta R.T.: -0.001 min
Response: 1005211
Conc: 3.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



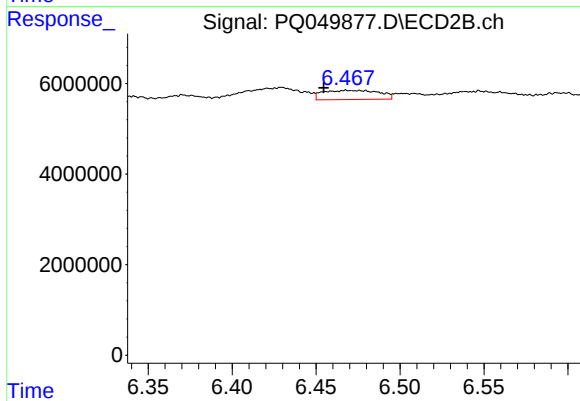
#24 AR-1248-4

R.T.: 6.019 min
Delta R.T.: -0.013 min
Response: 2178484
Conc: 10.46 ng/ml



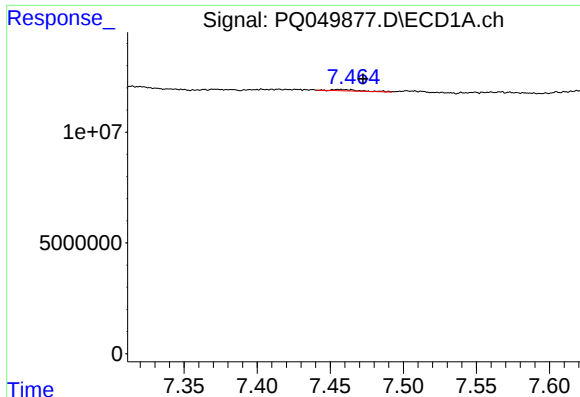
#25 AR-1248-5

R.T.: 7.565 min
Delta R.T.: 0.021 min
Response: 2090278
Conc: 6.92 ng/ml



#25 AR-1248-5

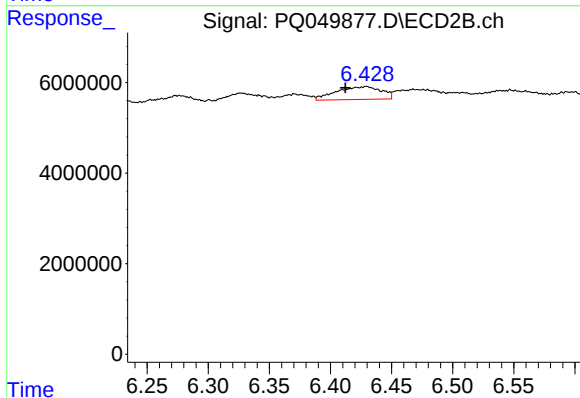
R.T.: 6.468 min
Delta R.T.: 0.013 min
Response: 4710647
Conc: 20.59 ng/ml



#26 AR-1254-1

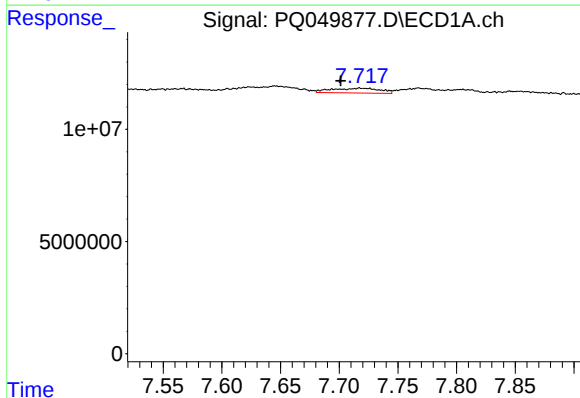
R.T.: 7.456 min
Delta R.T.: -0.016 min
Response: 742191
Conc: 2.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



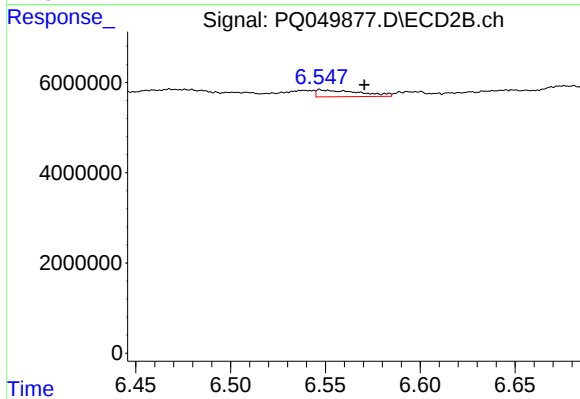
#26 AR-1254-1

R.T.: 6.429 min
Delta R.T.: 0.017 min
Response: 7291672
Conc: 22.10 ng/ml



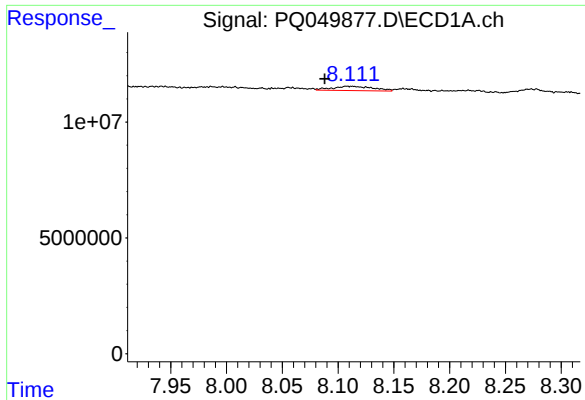
#27 AR-1254-2

R.T.: 7.718 min
Delta R.T.: 0.017 min
Response: 6012485
Conc: 13.62 ng/ml



#27 AR-1254-2

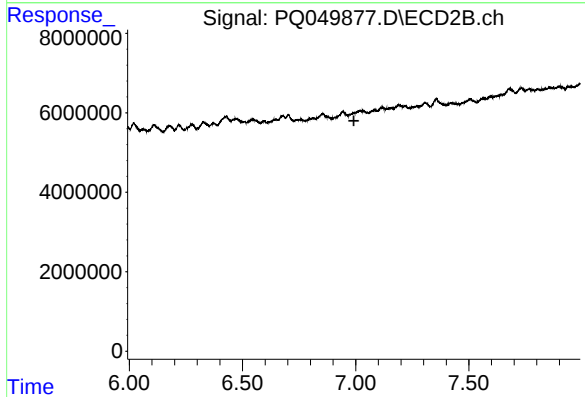
R.T.: 6.547 min
Delta R.T.: -0.023 min
Response: 2371725
Conc: 8.24 ng/ml



#28 AR-1254-3

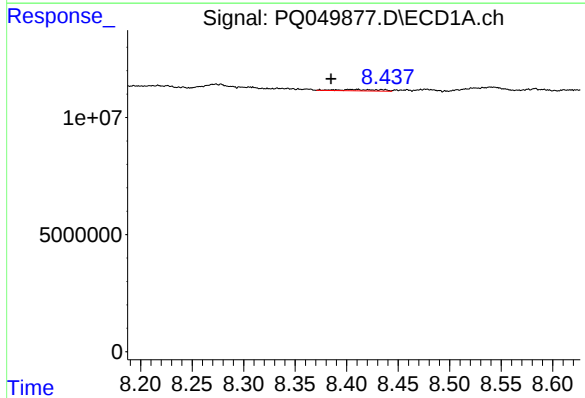
R.T.: 8.110 min
Delta R.T.: 0.022 min
Response: 4805528
Conc: 10.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



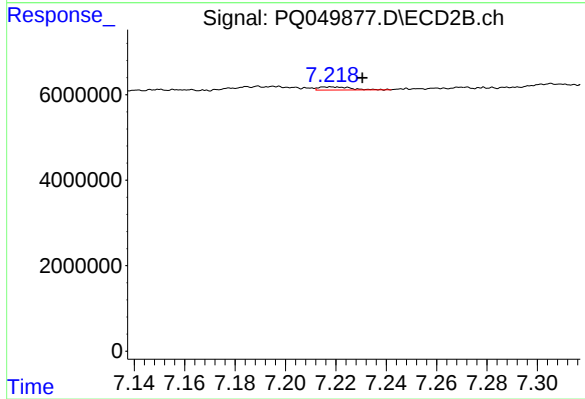
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.992 min
Response: 0
Conc: N.D.



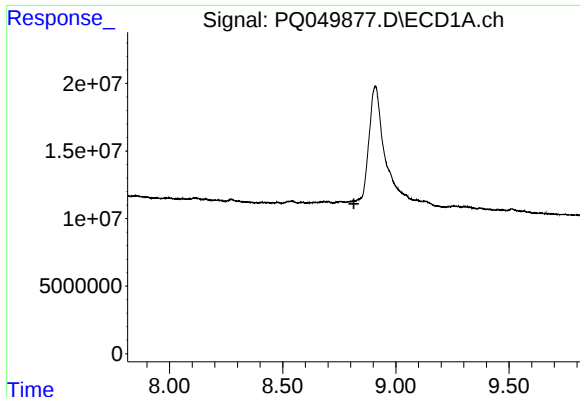
#29 AR-1254-4

R.T.: 8.404 min
Delta R.T.: 0.019 min
Response: 1582541
Conc: 4.42 ng/ml



#29 AR-1254-4

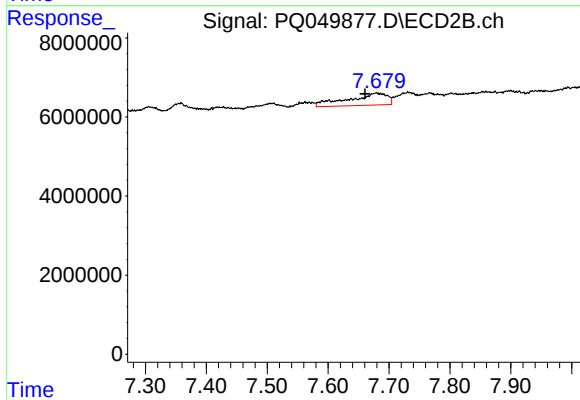
R.T.: 7.218 min
Delta R.T.: -0.013 min
Response: 648205
Conc: 1.85 ng/ml



#30 AR-1254-5

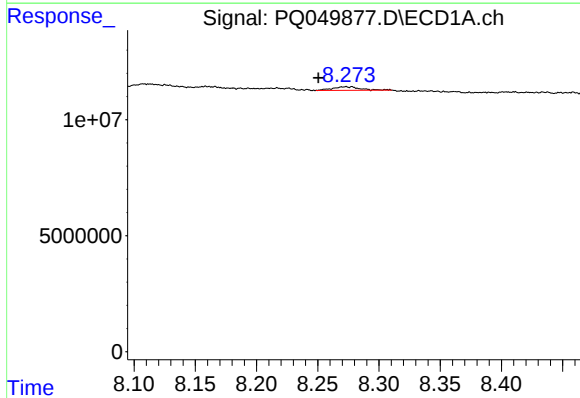
R.T.: 0.000 min
Exp R.T.: 8.815 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



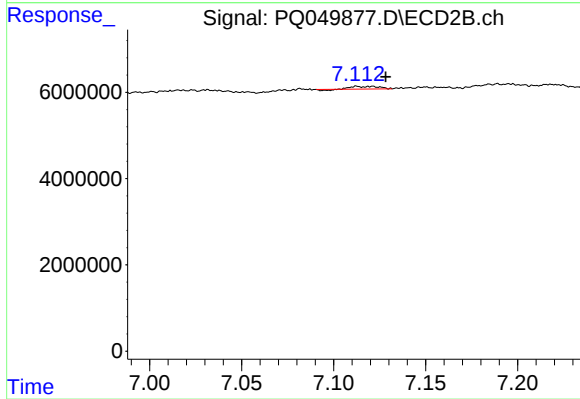
#30 AR-1254-5

R.T.: 7.679 min
Delta R.T.: 0.019 min
Response: 13497132
Conc: 29.55 ng/ml



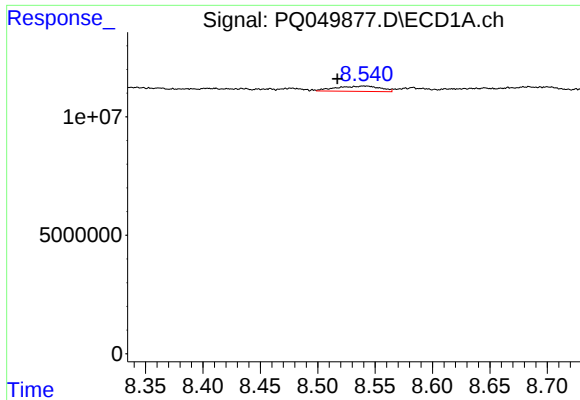
#31 AR-1260-1

R.T.: 8.274 min
Delta R.T.: 0.023 min
Response: 2006450
Conc: 5.65 ng/ml



#31 AR-1260-1

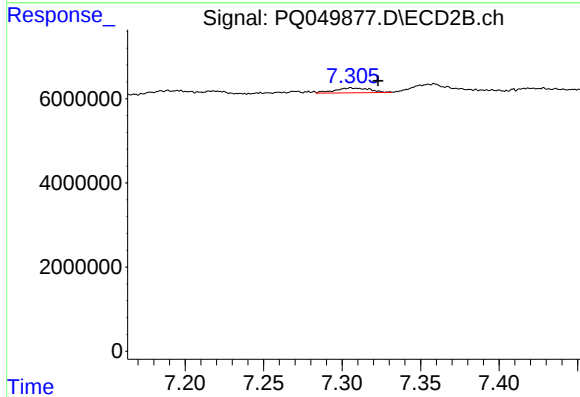
R.T.: 7.113 min
Delta R.T.: -0.016 min
Response: 576378
Conc: 1.76 ng/ml



#32 AR-1260-2

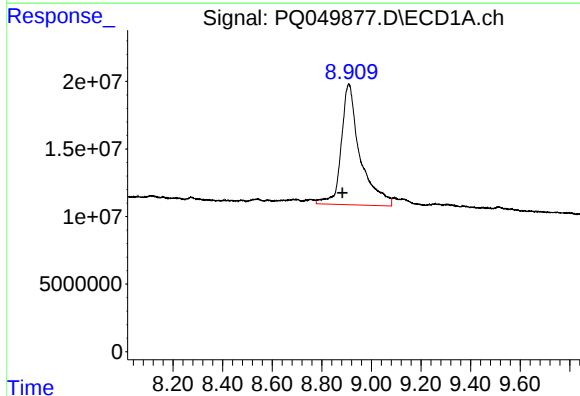
R.T.: 8.541 min
Delta R.T.: 0.024 min
Response: 5943180
Conc: 13.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



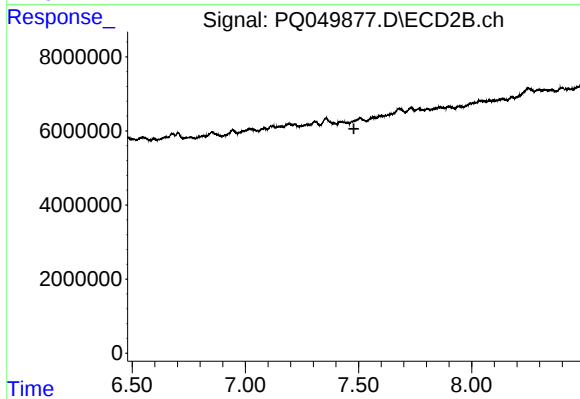
#32 AR-1260-2

R.T.: 7.306 min
Delta R.T.: -0.017 min
Response: 1760963
Conc: 3.73 ng/ml



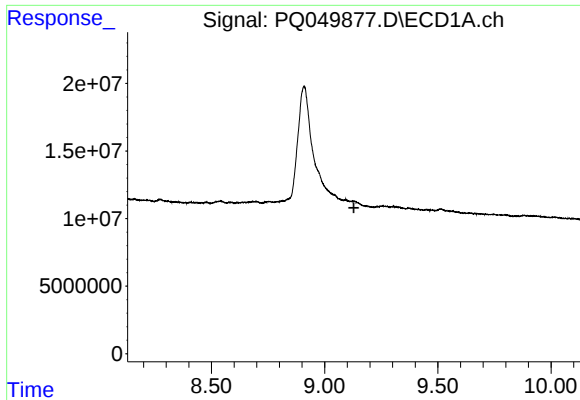
#33 AR-1260-3

R.T.: 8.909 min
Delta R.T.: 0.025 min
Response: 470380982
Conc: 1345.56 ng/ml



#33 AR-1260-3

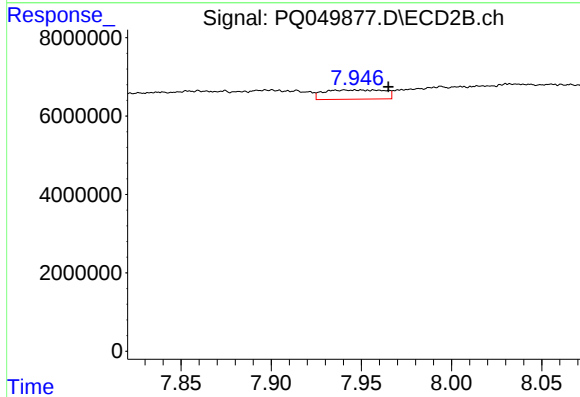
R.T.: 0.000 min
Exp R.T.: 7.480 min
Response: 0
Conc: N.D.



#34 AR-1260-4

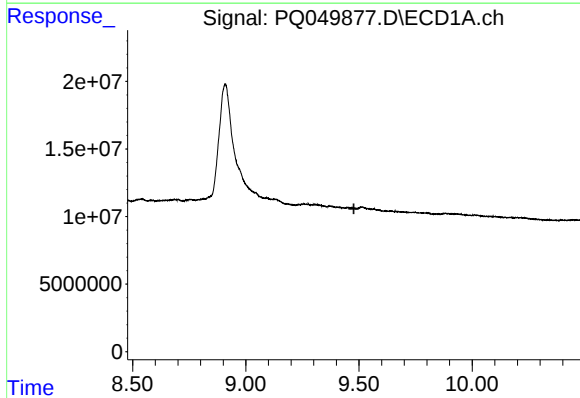
R.T.: 0.000 min
Exp R.T. : 9.129 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



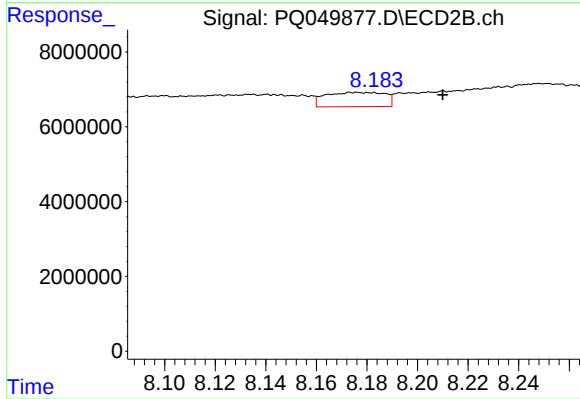
#34 AR-1260-4

R.T.: 7.941 min
Delta R.T.: -0.024 min
Response: 5463009
Conc: 16.37 ng/ml



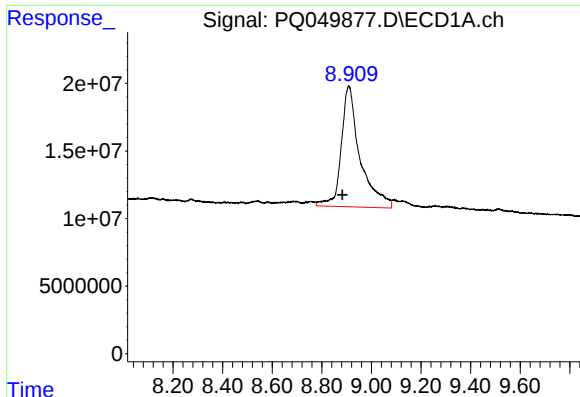
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.478 min
Response: 0
Conc: N.D.



#35 AR-1260-5

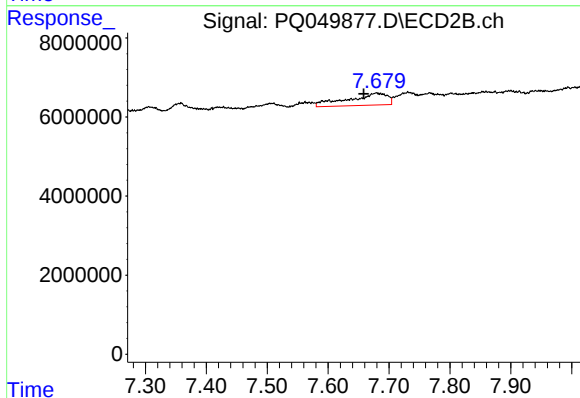
R.T.: 8.180 min
Delta R.T.: -0.030 min
Response: 6252518
Conc: 7.04 ng/ml



#36 AR-1262-1

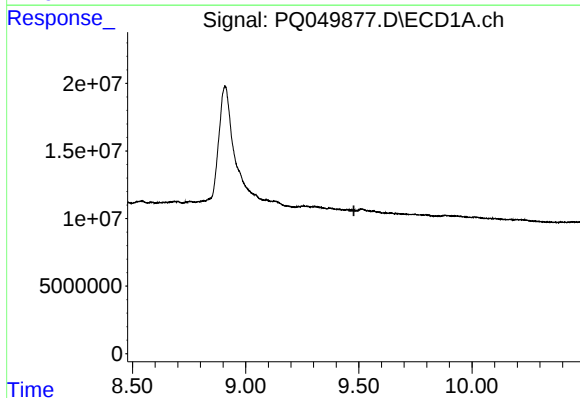
R.T.: 8.909 min
Delta R.T.: 0.025 min
Response: 470380982
Conc: 1025.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



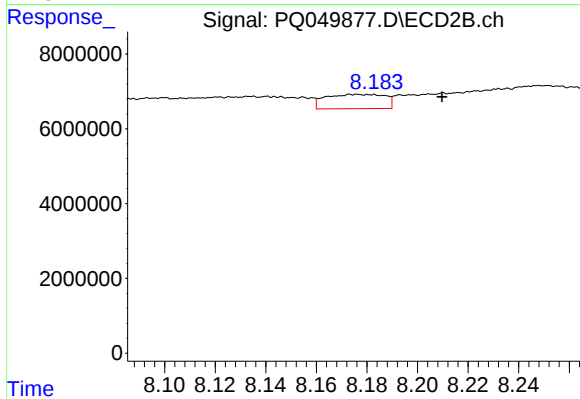
#36 AR-1262-1

R.T.: 7.679 min
Delta R.T.: 0.021 min
Response: 13497132
Conc: 54.76 ng/ml



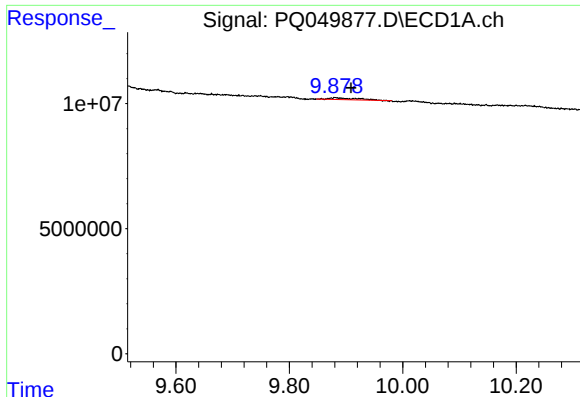
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 9.478 min
Response: 0
Conc: N.D.



#37 AR-1262-2

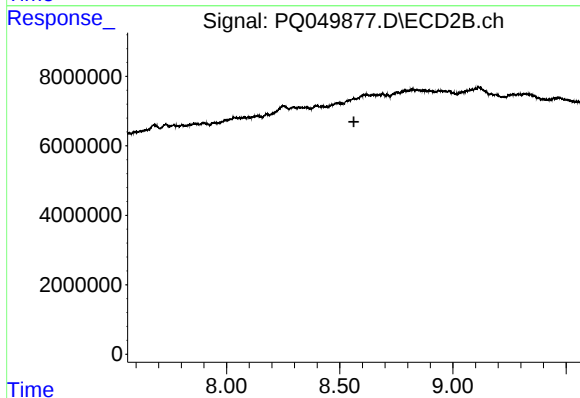
R.T.: 8.180 min
Delta R.T.: -0.029 min
Response: 6252518
Conc: 6.50 ng/ml



#39 AR-1262-4

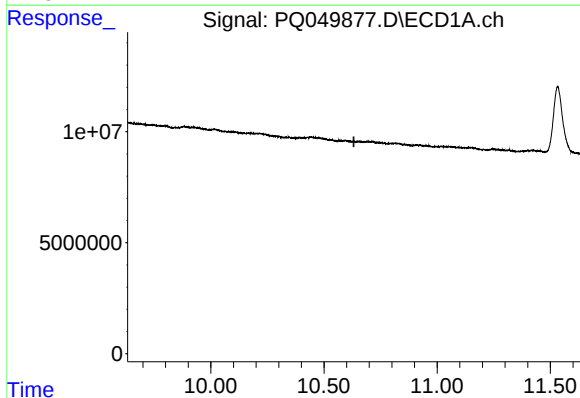
R.T.: 9.881 min
Delta R.T.: -0.027 min
Response: 2499357
Conc: 5.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



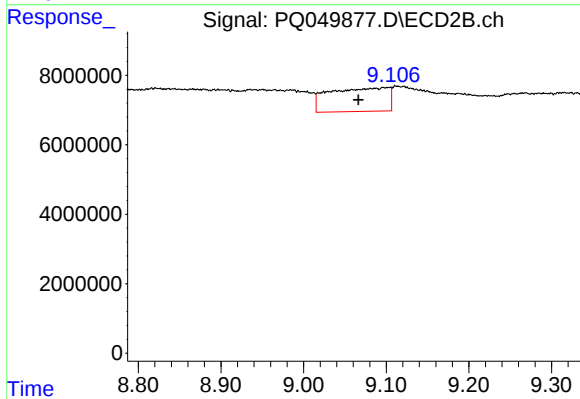
#39 AR-1262-4

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



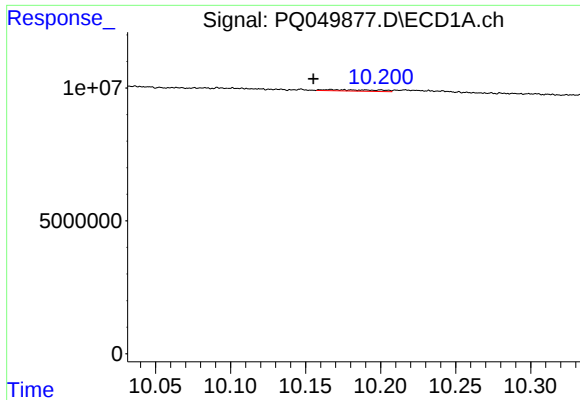
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.632 min
Response: 0
Conc: N.D.



#40 AR-1262-5

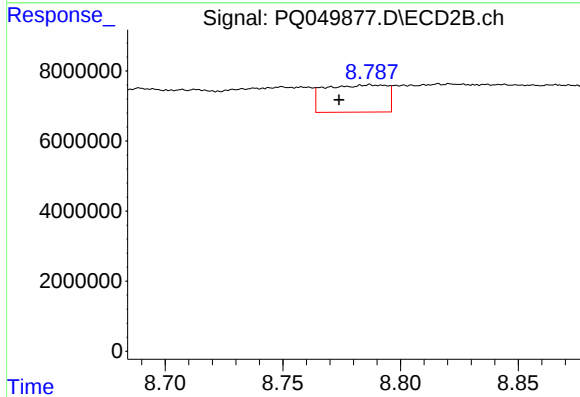
R.T.: 9.081 min
Delta R.T.: 0.015 min
Response: 34030240
Conc: 121.73 ng/ml



#43 AR-1268-3

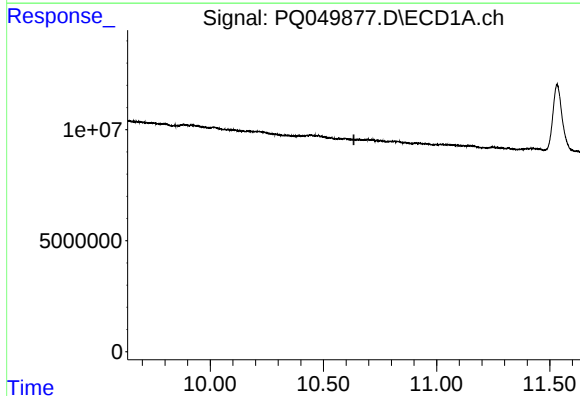
R.T.: 10.167 min
Delta R.T.: 0.011 min
Response: 1188134
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



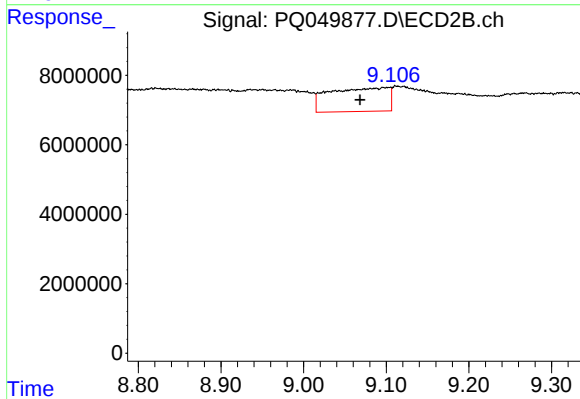
#43 AR-1268-3

R.T.: 8.787 min
Delta R.T.: 0.013 min
Response: 14236538
Conc: 19.10 ng/ml



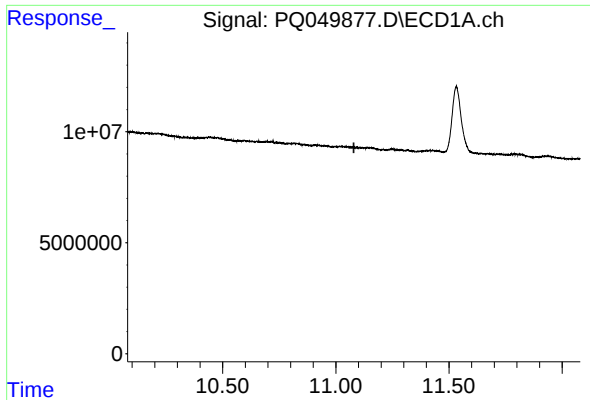
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.634 min
Response: 0
Conc: N.D.



#44 AR-1268-4

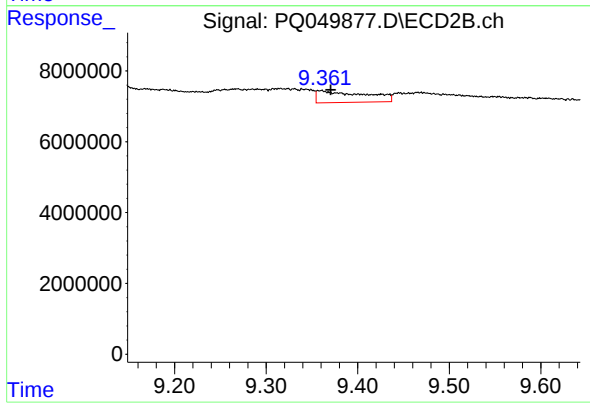
R.T.: 9.081 min
Delta R.T.: 0.013 min
Response: 34030240
Conc: 103.03 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.360 min
Delta R.T.: -0.010 min
Response: 12089511
Conc: 5.72 ng/ml