

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101318\
 Data File : PQ033084.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2018 20:20
 Operator : SM\SJ
 Sample : MDL-AR1232-S-2
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 05:20:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.575	3.853	49264527	36783665	24.014	23.650
2)	SA Decachlor...	10.410	8.908	73921173	62351833	39.106	38.787
Target Compounds							
3)	L1 AR-1016-1	5.751	4.966	1120730	1157883	16.096	20.226 #
4)	L1 AR-1016-2	5.774	4.966	1379180	1157883	13.389	14.531
5)	L1 AR-1016-3	5.837	5.146	848651	564694	13.553	13.614
6)	L1 AR-1016-4	5.936	5.185	635668	423154	12.577	12.350
7)	L1 AR-1016-5	6.232	5.400	332424	570802	6.451	12.493 #
8)	L2 AR-1221-1	4.789	4.069	171828	335927	7.236	18.176 #
9)	L2 AR-1221-2	4.884	4.158	878781	612318	53.379	46.293
10)	L2 AR-1221-3	4.949	4.231	1475960	939629	25.726	20.547
11)	L3 AR-1232-1	4.949	4.231	1475960	939629	33.247	27.153
12)	L3 AR-1232-2	5.484	4.966	420381	1157883	17.799	30.793 #
13)	L3 AR-1232-3	5.774	5.146	1379180	564694	28.847	28.832
14)	L3 AR-1232-4	5.936	5.225	635668	493055	26.687	28.727
15)	L3 AR-1232-5	6.023	5.400	676144	570802	37.913	29.272
16)	L4 AR-1242-1	5.751	4.946	1120730	994605	18.780	20.441
17)	L4 AR-1242-2	5.774	4.966	1379180	1157883	15.880	17.154
18)	L4 AR-1242-3	5.837	5.146	848651	564694	16.230	15.416
19)	L4 AR-1242-4	5.936	5.225	635668	493055	14.740	13.386
20)	L4 AR-1242-5	6.673	5.750	725346	805403	14.714	16.765
21)	L5 AR-1248-1	5.751	4.946	1120730	994605	22.594	24.271
22)	L5 AR-1248-2	6.023	5.185	676144	423154	9.193	7.702
23)	L5 AR-1248-3	6.232	5.225	332424	493055	4.068	8.804 #
24)	L5 AR-1248-4	6.632	5.400	829733	570802	8.858	8.276
25)	L5 AR-1248-5	6.673	5.792	725346	736479	8.168	10.654 #
26)	L6 AR-1254-1	6.615	5.750	144021	805403	1.453	7.149 #
27)	L6 AR-1254-2	6.833	5.897	676965	268432	4.332	2.718 #
28)	L6 AR-1254-3	7.200	6.302	239540	83511	1.412	0.503 #
29)	L6 AR-1254-4	7.421	6.531	42479	43590	0.344	0.410
30)	L6 AR-1254-5	7.900	6.958	49906	29638	0.377	0.202 #
31)	L7 AR-1260-1	7.421	6.439	42479	58129	0.397	0.619 #
32)	L7 AR-1260-2	7.617	6.612	87947	38459	0.696	0.330 #
33)	L7 AR-1260-3	7.916	6.769	67756	55954	0.870	0.519 #
34)	L7 AR-1260-4	8.163	7.247	123543	30240	1.220	0.393 #
35)	L7 AR-1260-5	8.582	0.000	108740	0	0.576	N.D. #
36)	L8 AR-1262-1	7.916	6.958	67756	29638	0.503	0.231 #
37)	L8 AR-1262-2	8.582	0.000	108740	0	0.440	N.D. #
38)	L8 AR-1262-3	8.905	7.767	218115	43604	1.319	0.468 #
39)	L8 AR-1262-4	8.905	7.833	218115	162991	3.200	0.936 #
40)	L8 AR-1262-5	0.000	8.412	0	60186	N.D.	0.746 #
41)	L9 AR-1268-1	8.905	7.767	218115	43604	0.595	0.128 #

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 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 05:20:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 2018
 Response via : Initial Calibration
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.905	7.833	218115	162991	0.654	0.527
43) L9	AR-1268-3	9.188	8.038	337378	334706	1.197	1.308
44) L9	AR-1268-4	0.000	8.412	0	60186	N.D.	0.546 #
45) L9	AR-1268-5	10.063	8.645	654860	197107	0.708	0.236 #

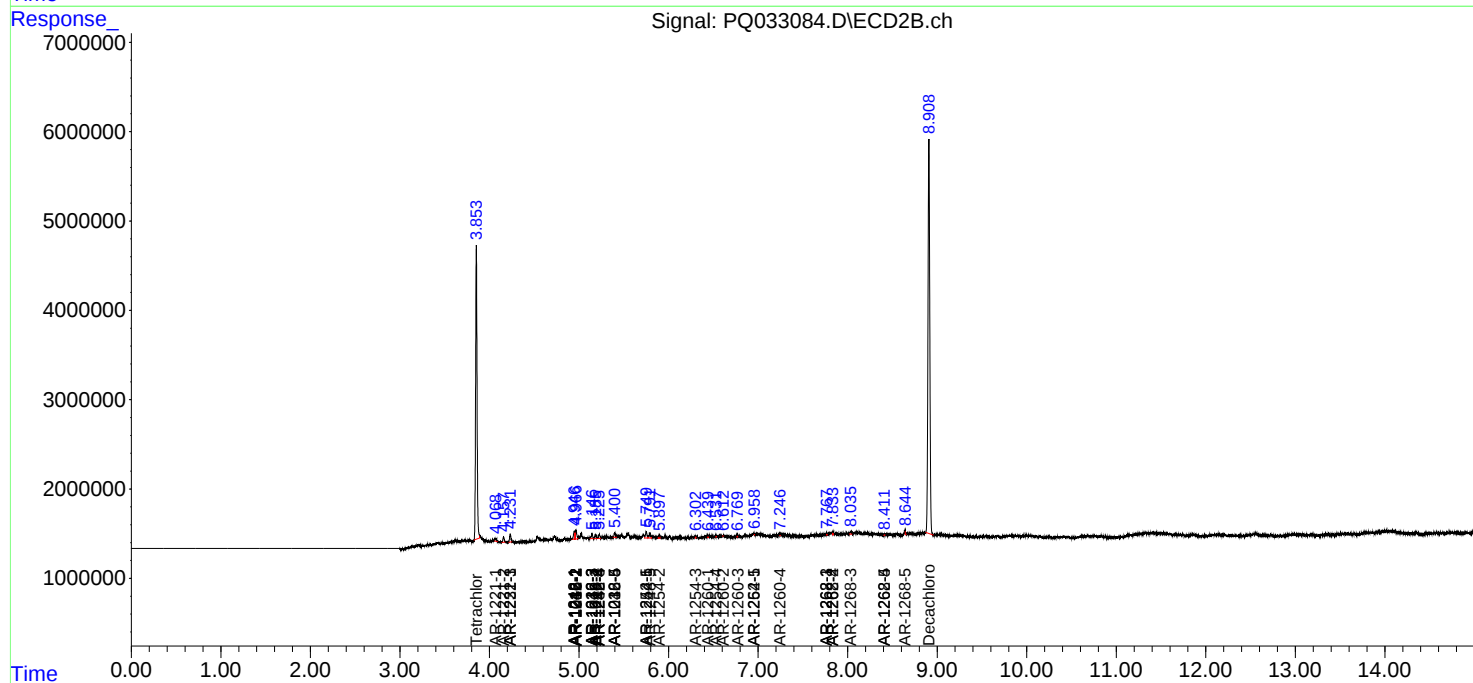
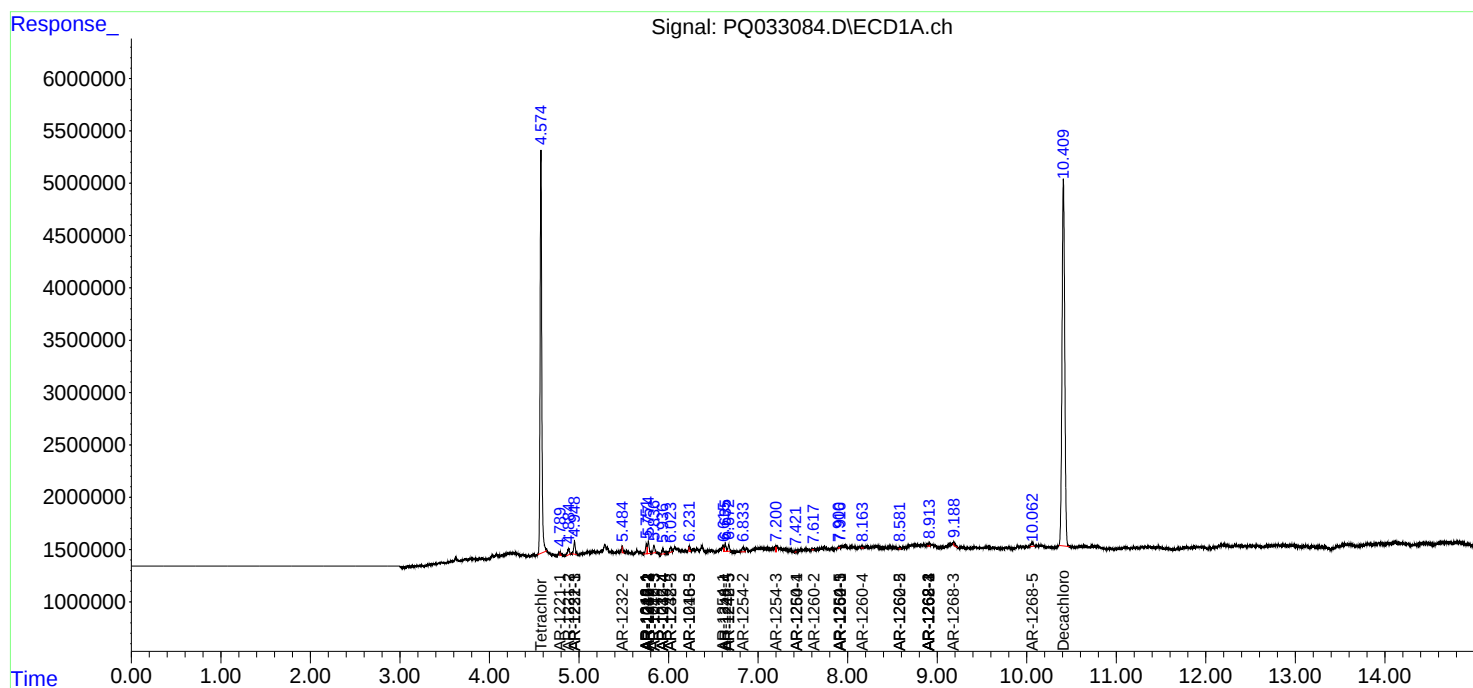
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

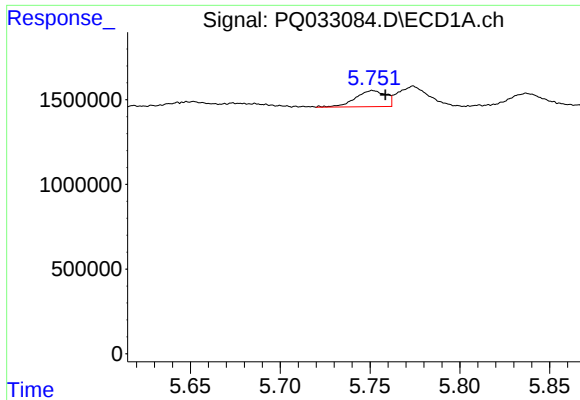
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101318\
Data File : PQ033084.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2018 20:20
Operator : SM\SJ
Sample : MDL-AR1232-S-2
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 05:20:00 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

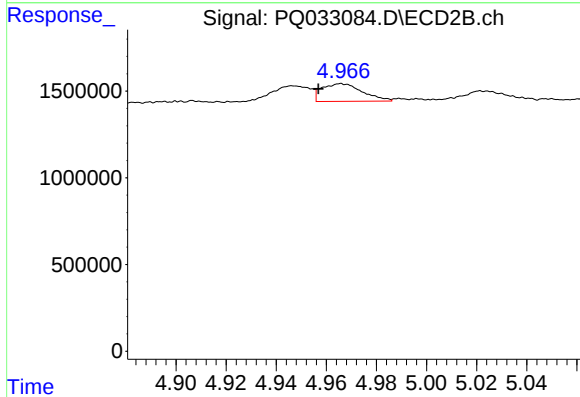




#3 AR-1016-1

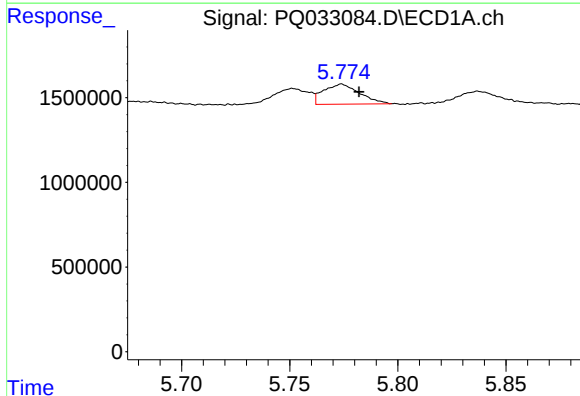
R.T.: 5.751 min
Delta R.T.: -0.008 min
Response: 1120730
Conc: 16.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



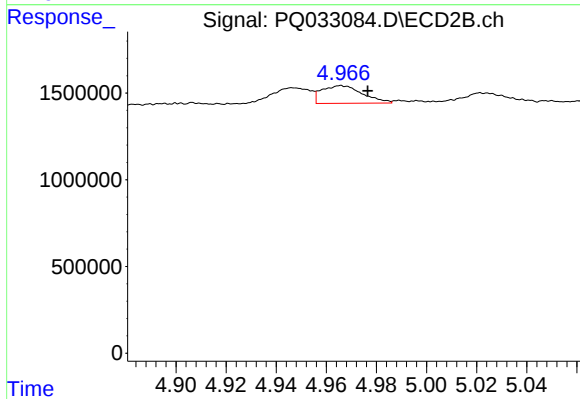
#3 AR-1016-1

R.T.: 4.966 min
Delta R.T.: 0.009 min
Response: 1157883
Conc: 20.23 ng/ml



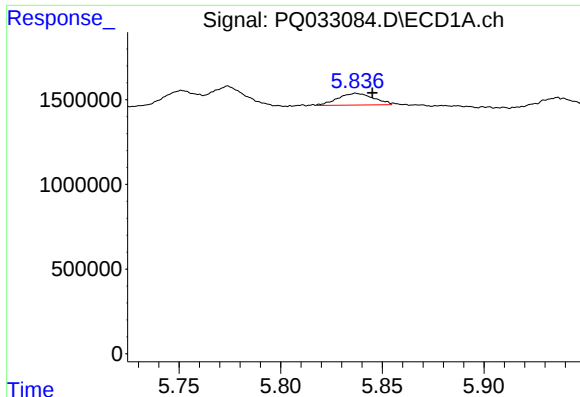
#4 AR-1016-2

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 1379180
Conc: 13.39 ng/ml



#4 AR-1016-2

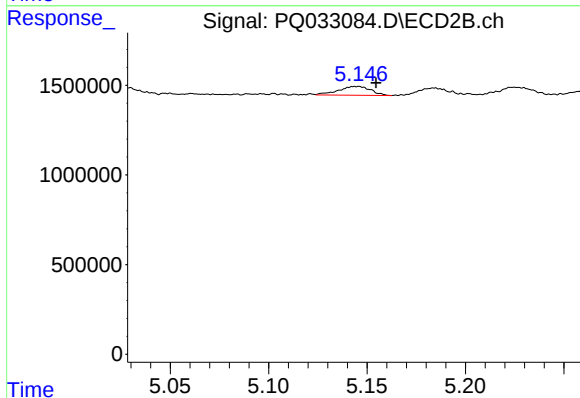
R.T.: 4.966 min
Delta R.T.: -0.011 min
Response: 1157883
Conc: 14.53 ng/ml



#5 AR-1016-3

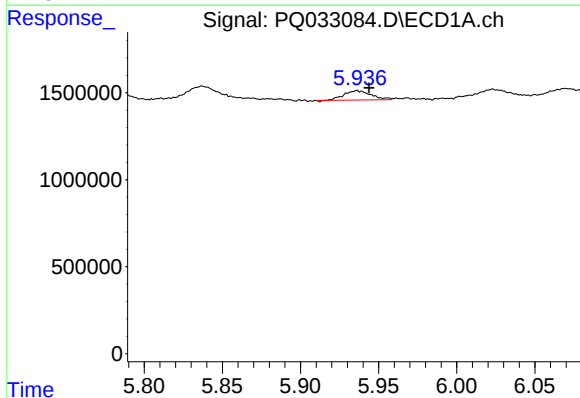
R.T.: 5.837 min
Delta R.T.: -0.008 min
Response: 848651
Conc: 13.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



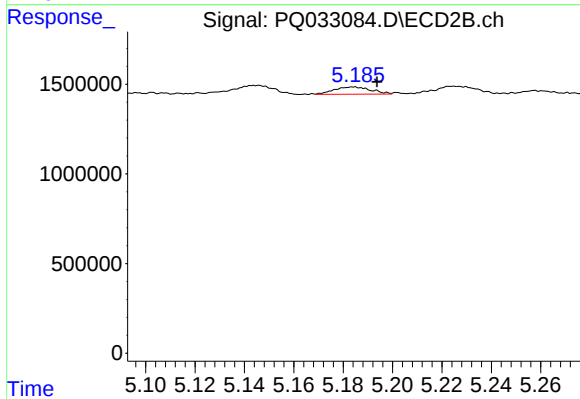
#5 AR-1016-3

R.T.: 5.146 min
Delta R.T.: -0.008 min
Response: 564694
Conc: 13.61 ng/ml



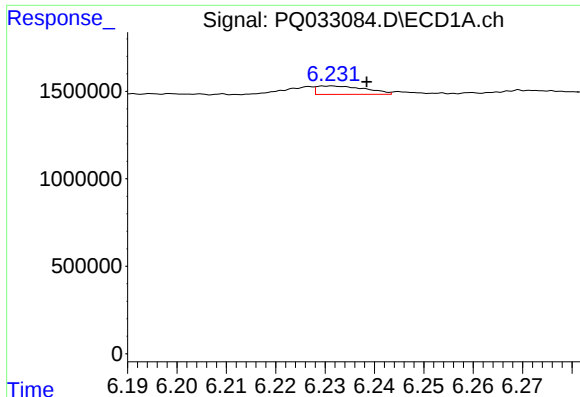
#6 AR-1016-4

R.T.: 5.936 min
Delta R.T.: -0.007 min
Response: 635668
Conc: 12.58 ng/ml



#6 AR-1016-4

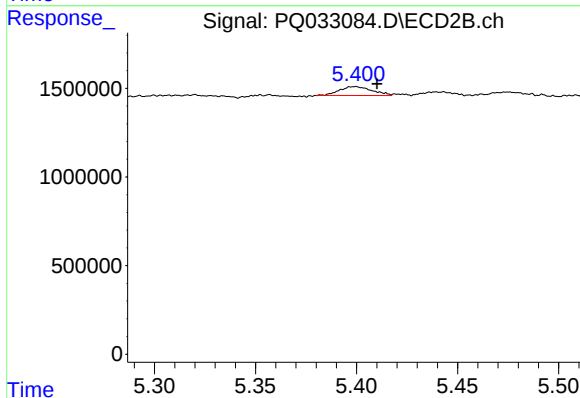
R.T.: 5.185 min
Delta R.T.: -0.009 min
Response: 423154
Conc: 12.35 ng/ml



#7 AR-1016-5

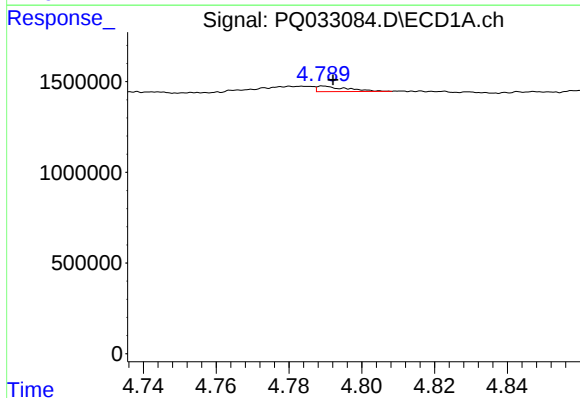
R.T.: 6.232 min
Delta R.T.: -0.007 min
Response: 332424
Conc: 6.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



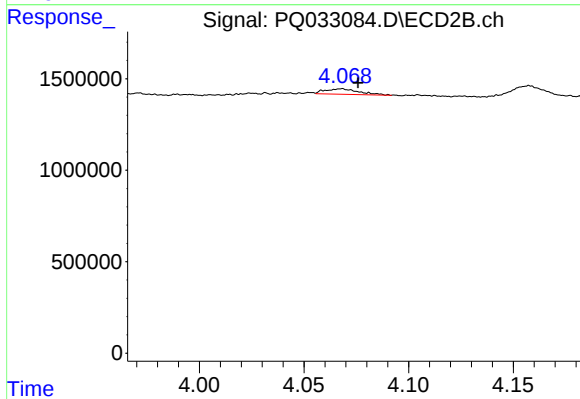
#7 AR-1016-5

R.T.: 5.400 min
Delta R.T.: -0.010 min
Response: 570802
Conc: 12.49 ng/ml



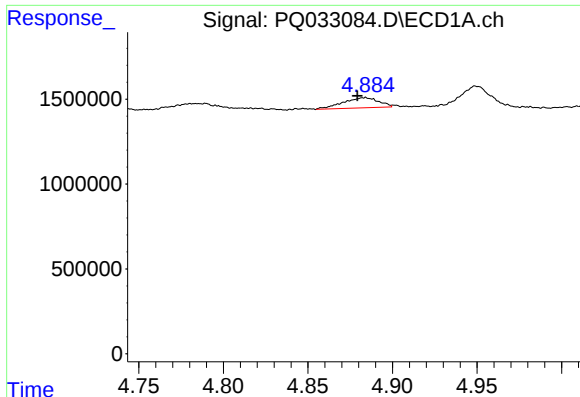
#8 AR-1221-1

R.T.: 4.789 min
Delta R.T.: -0.003 min
Response: 171828
Conc: 7.24 ng/ml



#8 AR-1221-1

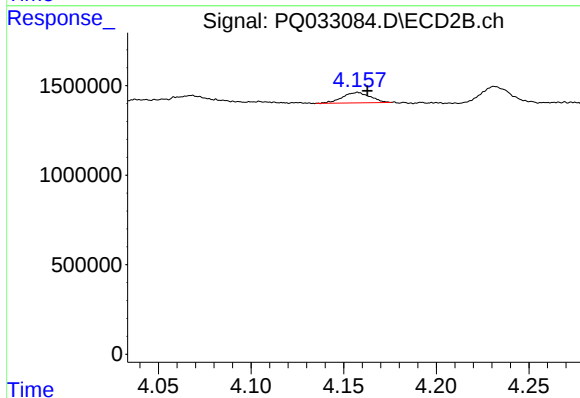
R.T.: 4.069 min
Delta R.T.: -0.007 min
Response: 335927
Conc: 18.18 ng/ml



#9 AR-1221-2

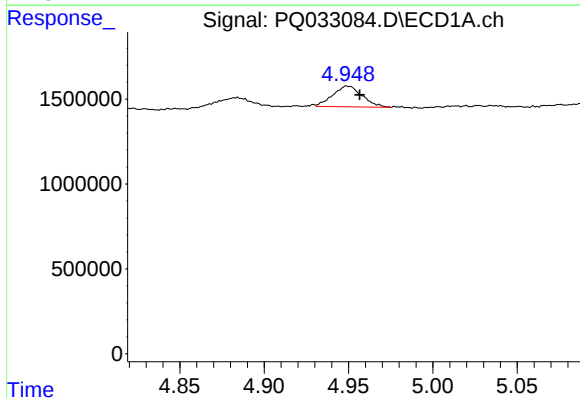
R.T.: 4.884 min
Delta R.T.: 0.005 min
Response: 878781
Conc: 53.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



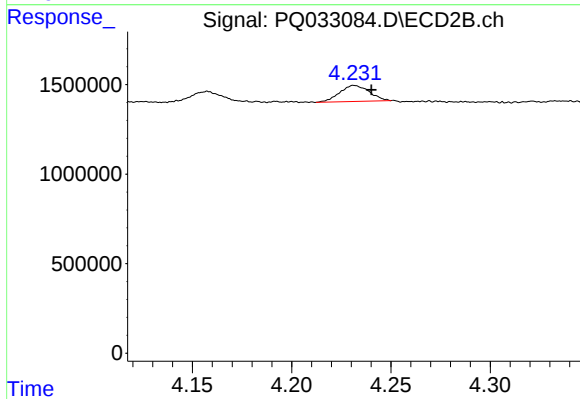
#9 AR-1221-2

R.T.: 4.158 min
Delta R.T.: -0.005 min
Response: 612318
Conc: 46.29 ng/ml



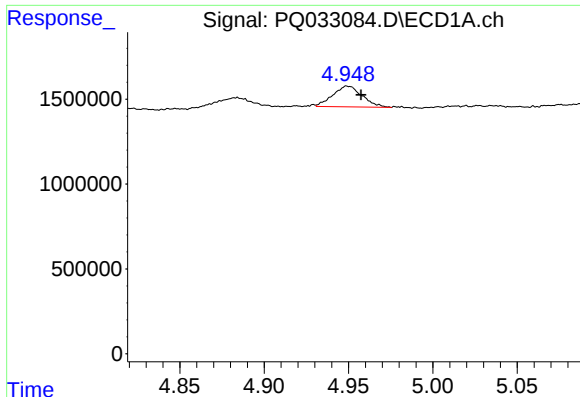
#10 AR-1221-3

R.T.: 4.949 min
Delta R.T.: -0.008 min
Response: 1475960
Conc: 25.73 ng/ml



#10 AR-1221-3

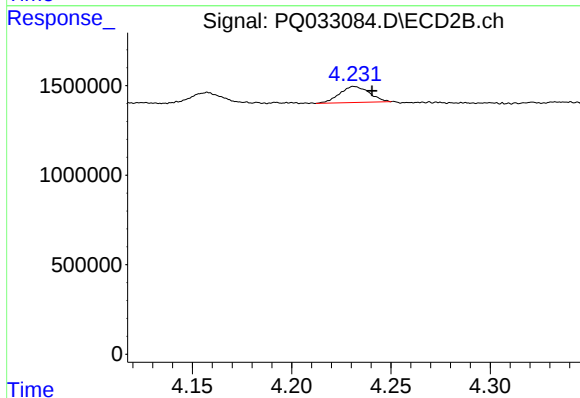
R.T.: 4.231 min
Delta R.T.: -0.009 min
Response: 939629
Conc: 20.55 ng/ml



#11 AR-1232-1

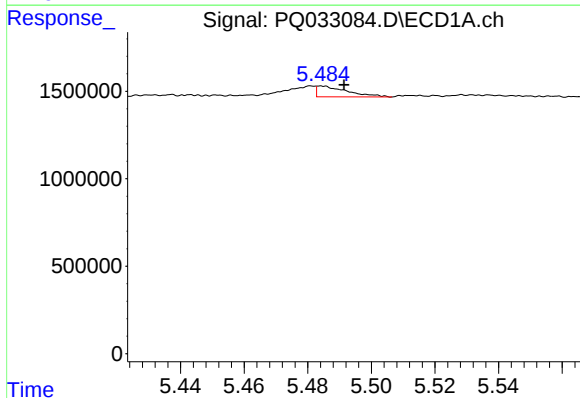
R.T.: 4.949 min
Delta R.T.: -0.009 min
Response: 1475960
Conc: 33.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



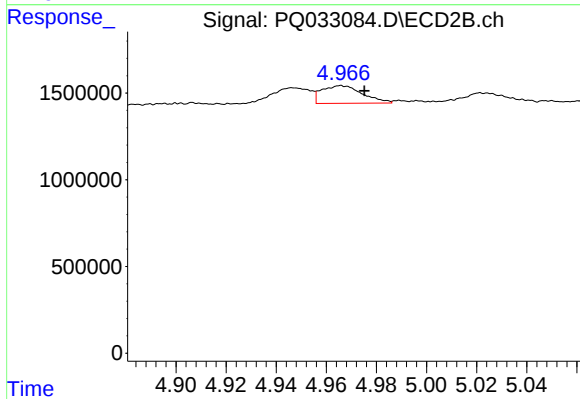
#11 AR-1232-1

R.T.: 4.231 min
Delta R.T.: -0.009 min
Response: 939629
Conc: 27.15 ng/ml



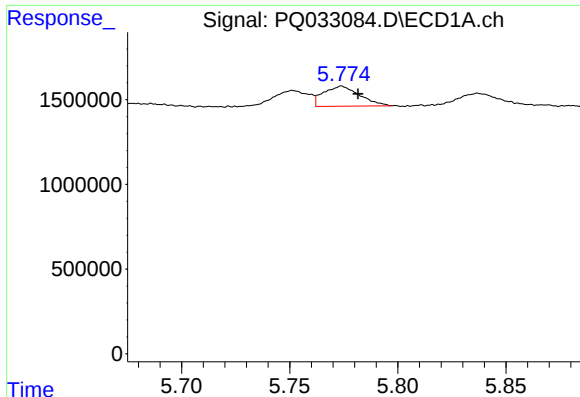
#12 AR-1232-2

R.T.: 5.484 min
Delta R.T.: -0.007 min
Response: 420381
Conc: 17.80 ng/ml



#12 AR-1232-2

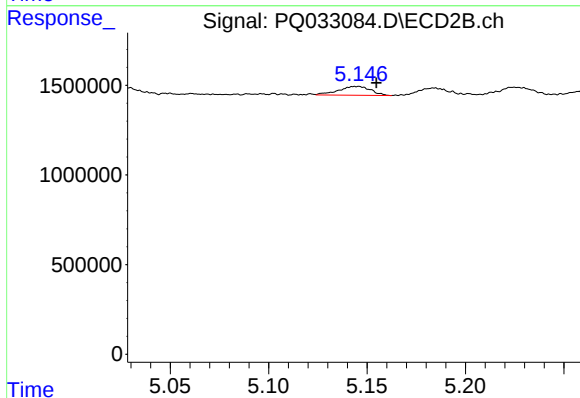
R.T.: 4.966 min
Delta R.T.: -0.009 min
Response: 1157883
Conc: 30.79 ng/ml



#13 AR-1232-3

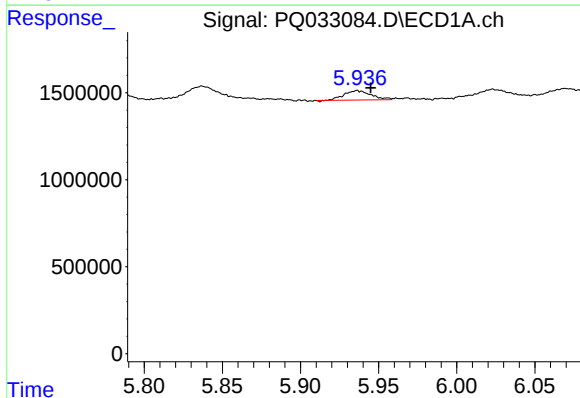
R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 1379180
Conc: 28.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



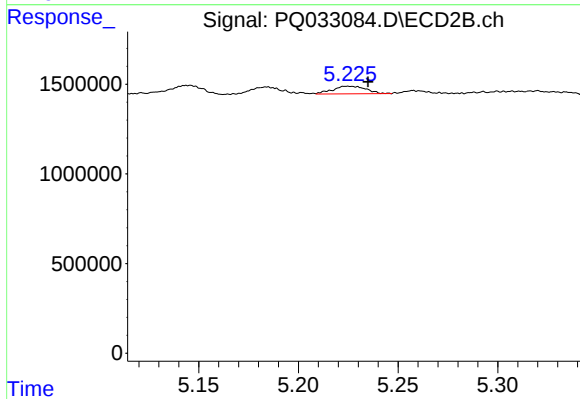
#13 AR-1232-3

R.T.: 5.146 min
Delta R.T.: -0.009 min
Response: 564694
Conc: 28.83 ng/ml



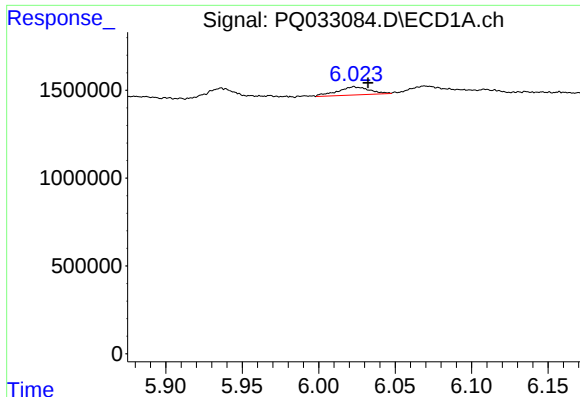
#14 AR-1232-4

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 635668
Conc: 26.69 ng/ml



#14 AR-1232-4

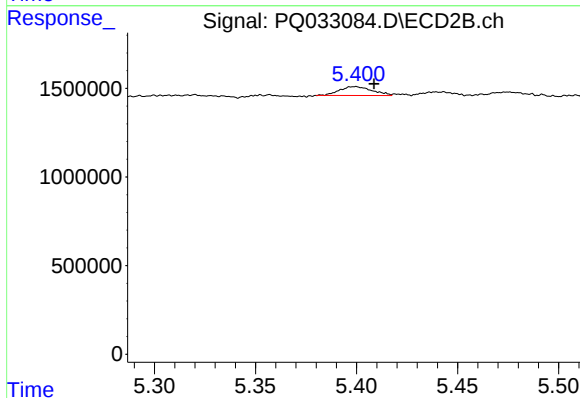
R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 493055
Conc: 28.73 ng/ml



#15 AR-1232-5

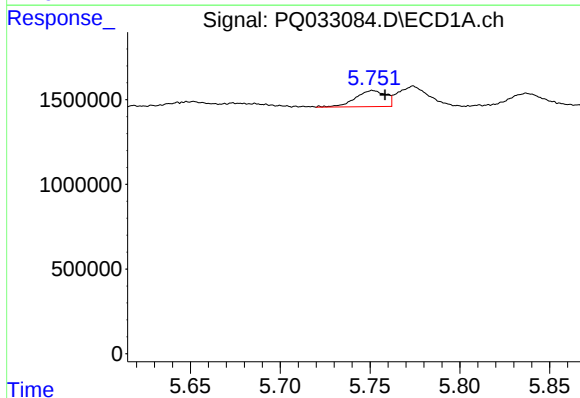
R.T.: 6.023 min
Delta R.T.: -0.009 min
Response: 676144
Conc: 37.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



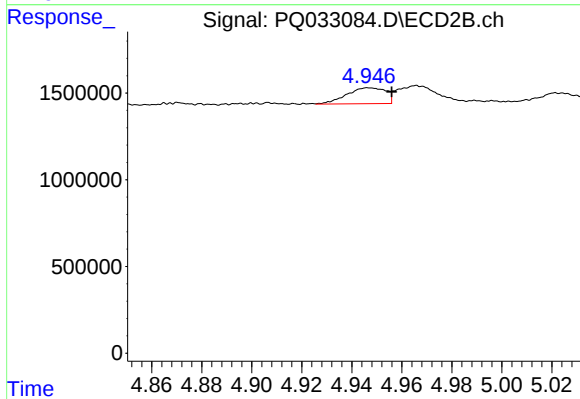
#15 AR-1232-5

R.T.: 5.400 min
Delta R.T.: -0.009 min
Response: 570802
Conc: 29.27 ng/ml



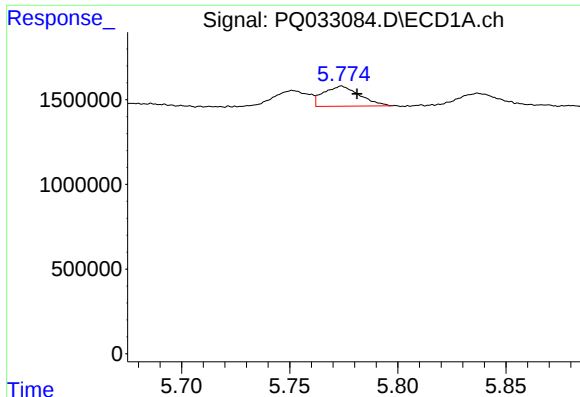
#16 AR-1242-1

R.T.: 5.751 min
Delta R.T.: -0.007 min
Response: 1120730
Conc: 18.78 ng/ml



#16 AR-1242-1

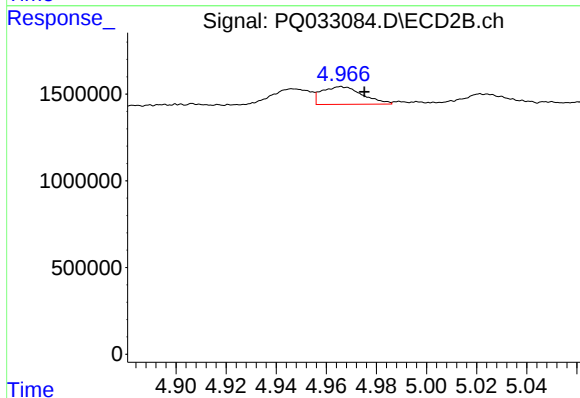
R.T.: 4.946 min
Delta R.T.: -0.010 min
Response: 994605
Conc: 20.44 ng/ml



#17 AR-1242-2

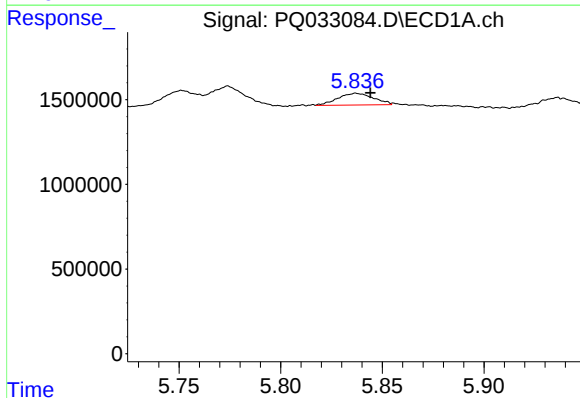
R.T.: 5.774 min
Delta R.T.: -0.007 min
Response: 1379180
Conc: 15.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



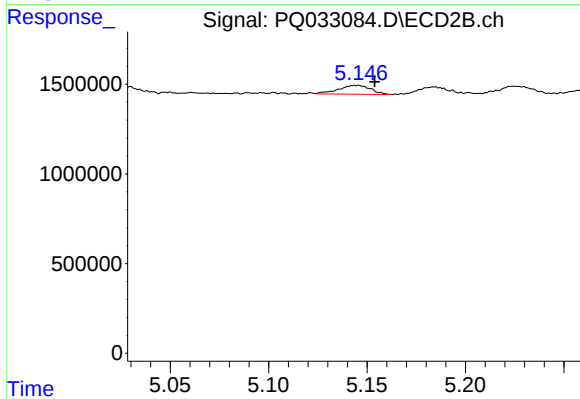
#17 AR-1242-2

R.T.: 4.966 min
Delta R.T.: -0.009 min
Response: 1157883
Conc: 17.15 ng/ml



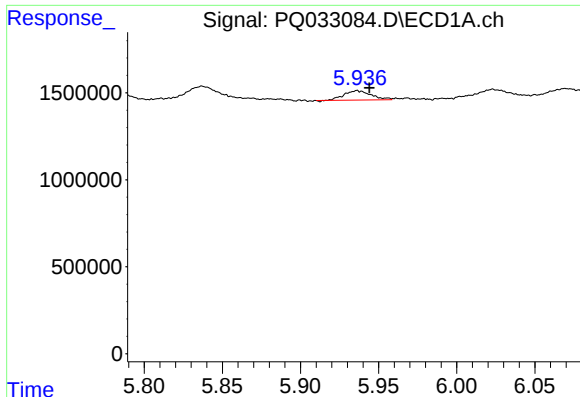
#18 AR-1242-3

R.T.: 5.837 min
Delta R.T.: -0.007 min
Response: 848651
Conc: 16.23 ng/ml



#18 AR-1242-3

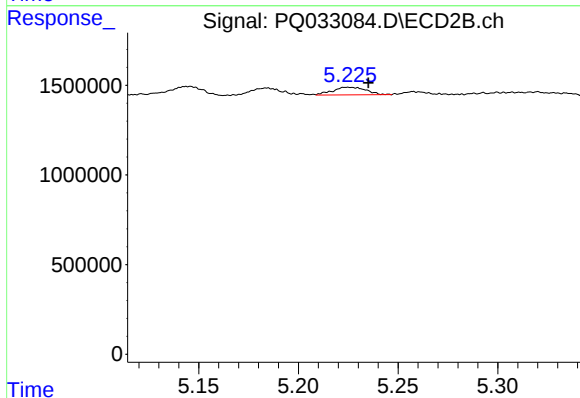
R.T.: 5.146 min
Delta R.T.: -0.008 min
Response: 564694
Conc: 15.42 ng/ml



#19 AR-1242-4

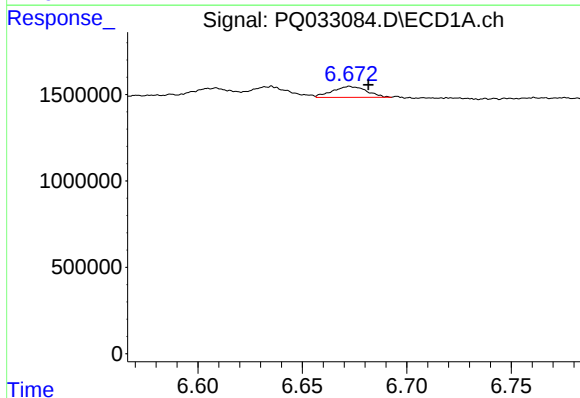
R.T.: 5.936 min
Delta R.T.: -0.008 min
Response: 635668
Conc: 14.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



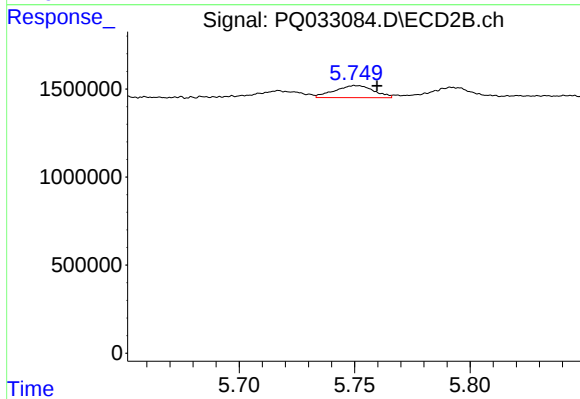
#19 AR-1242-4

R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 493055
Conc: 13.39 ng/ml



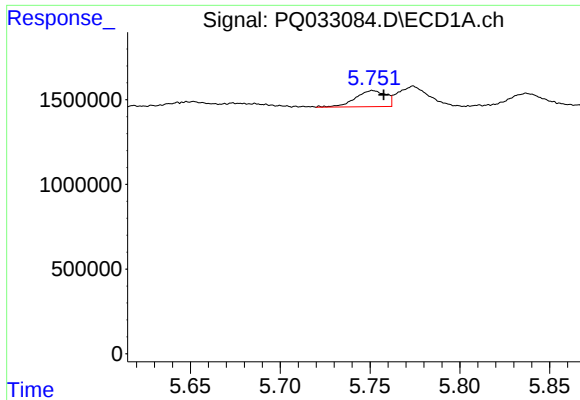
#20 AR-1242-5

R.T.: 6.673 min
Delta R.T.: -0.009 min
Response: 725346
Conc: 14.71 ng/ml



#20 AR-1242-5

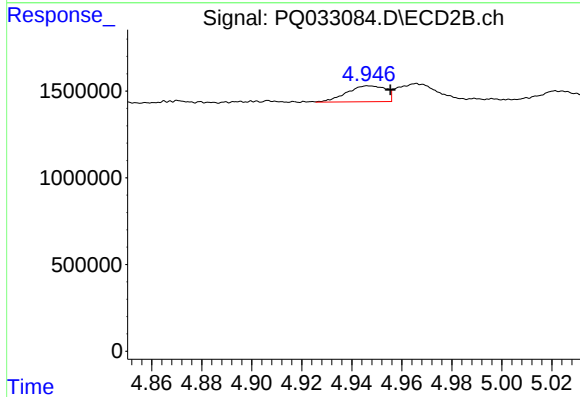
R.T.: 5.750 min
Delta R.T.: -0.010 min
Response: 805403
Conc: 16.77 ng/ml



#21 AR-1248-1

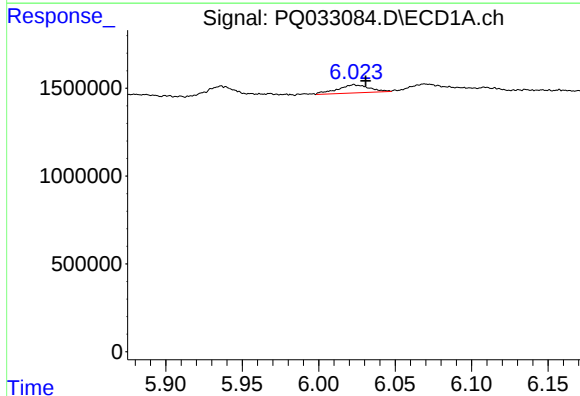
R.T.: 5.751 min
Delta R.T.: -0.007 min
Response: 1120730
Conc: 22.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



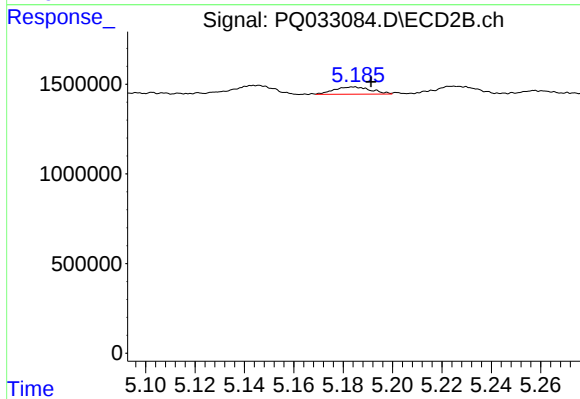
#21 AR-1248-1

R.T.: 4.946 min
Delta R.T.: -0.009 min
Response: 994605
Conc: 24.27 ng/ml



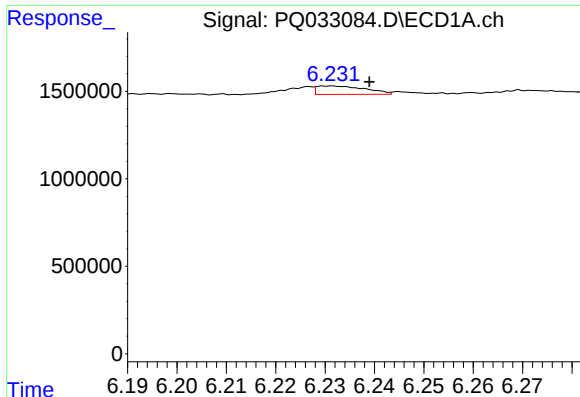
#22 AR-1248-2

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 676144
Conc: 9.19 ng/ml



#22 AR-1248-2

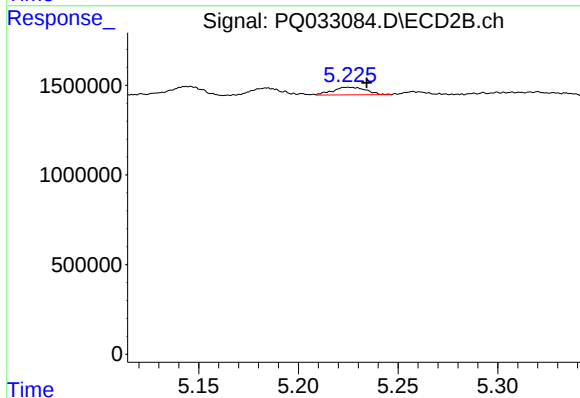
R.T.: 5.185 min
Delta R.T.: -0.006 min
Response: 423154
Conc: 7.70 ng/ml



#23 AR-1248-3

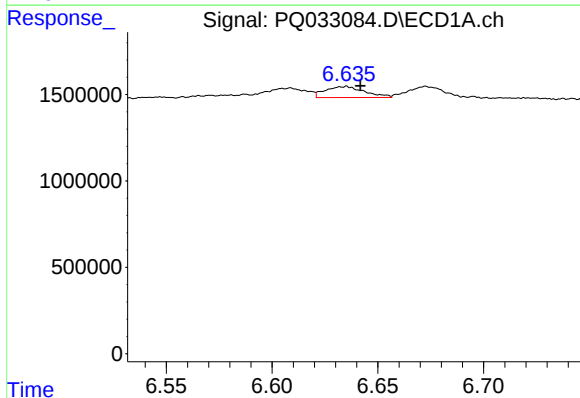
R.T.: 6.232 min
Delta R.T.: -0.007 min
Response: 332424
Conc: 4.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



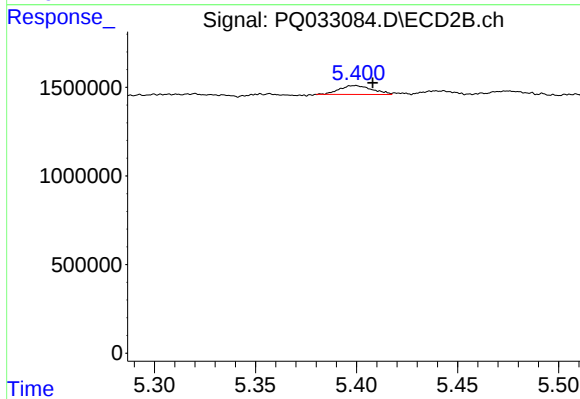
#23 AR-1248-3

R.T.: 5.225 min
Delta R.T.: -0.009 min
Response: 493055
Conc: 8.80 ng/ml



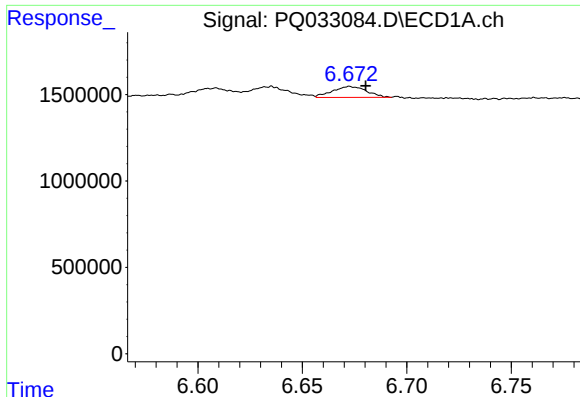
#24 AR-1248-4

R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 829733
Conc: 8.86 ng/ml



#24 AR-1248-4

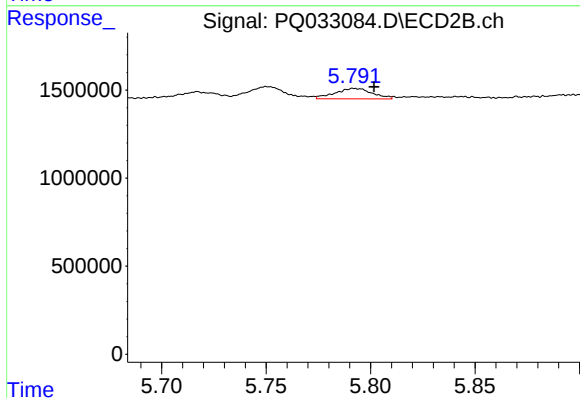
R.T.: 5.400 min
Delta R.T.: -0.008 min
Response: 570802
Conc: 8.28 ng/ml



#25 AR-1248-5

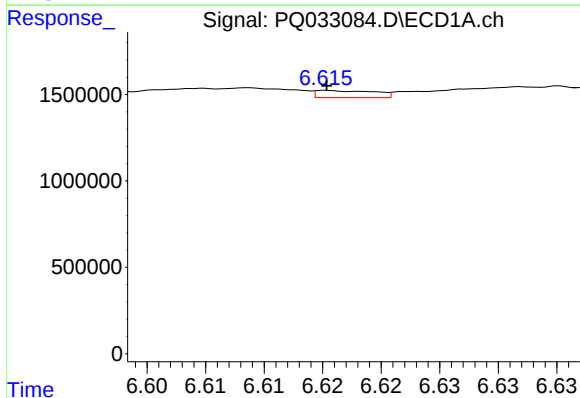
R.T.: 6.673 min
Delta R.T.: -0.008 min
Response: 725346
Conc: 8.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



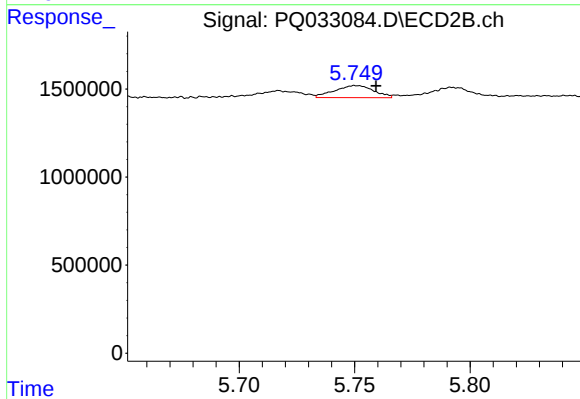
#25 AR-1248-5

R.T.: 5.792 min
Delta R.T.: -0.010 min
Response: 736479
Conc: 10.65 ng/ml



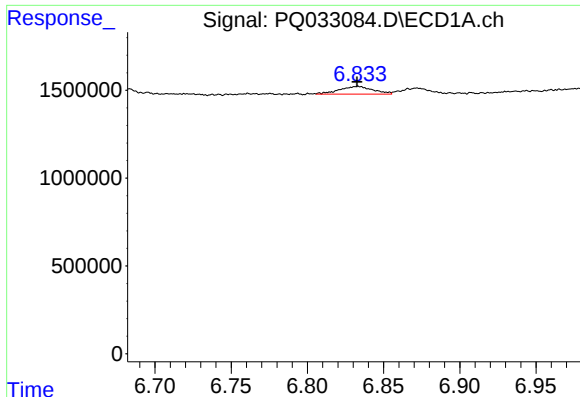
#26 AR-1254-1

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 144021
Conc: 1.45 ng/ml



#26 AR-1254-1

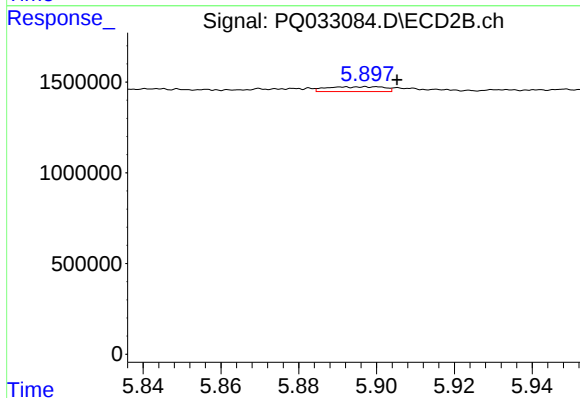
R.T.: 5.750 min
Delta R.T.: -0.009 min
Response: 805403
Conc: 7.15 ng/ml



#27 AR-1254-2

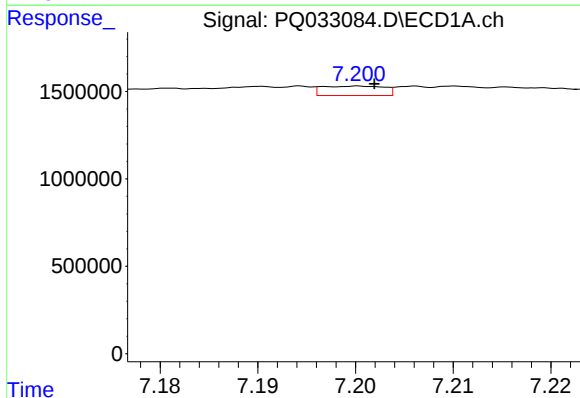
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 676965
Conc: 4.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



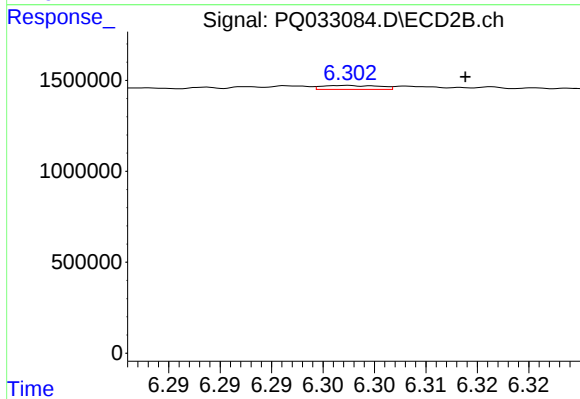
#27 AR-1254-2

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 268432
Conc: 2.72 ng/ml



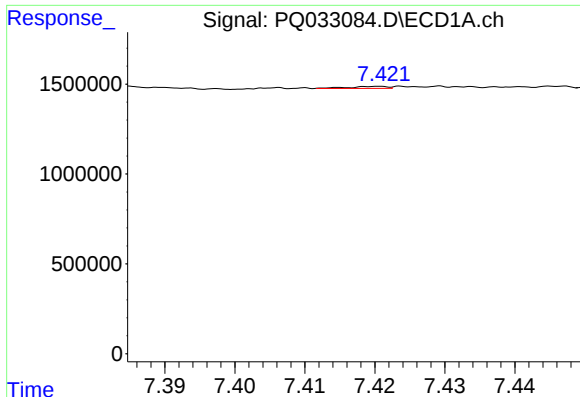
#28 AR-1254-3

R.T.: 7.200 min
Delta R.T.: -0.002 min
Response: 239540
Conc: 1.41 ng/ml



#28 AR-1254-3

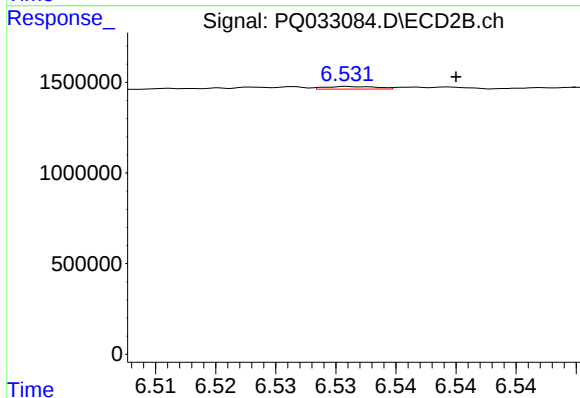
R.T.: 6.302 min
Delta R.T.: -0.011 min
Response: 83511
Conc: 0.50 ng/ml



#29 AR-1254-4

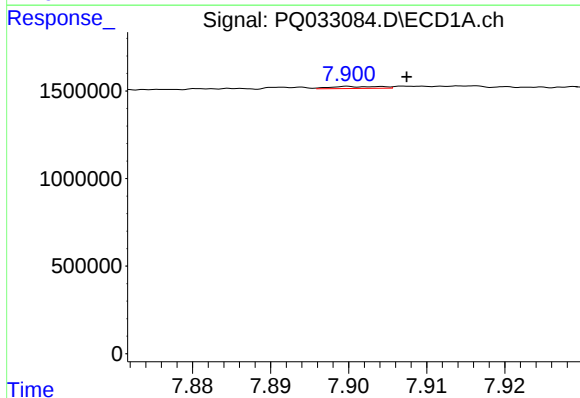
R.T.: 7.421 min
Delta R.T.: -0.067 min
Response: 42479
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



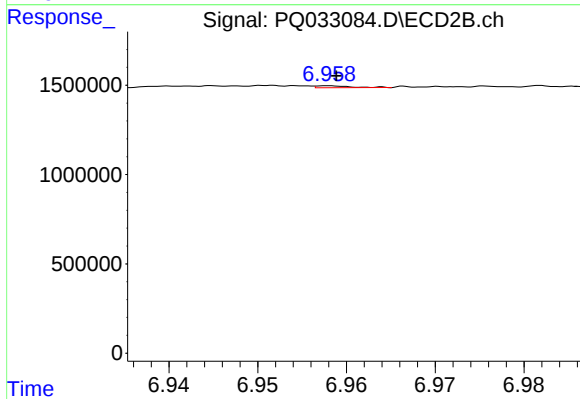
#29 AR-1254-4

R.T.: 6.531 min
Delta R.T.: -0.009 min
Response: 43590
Conc: 0.41 ng/ml



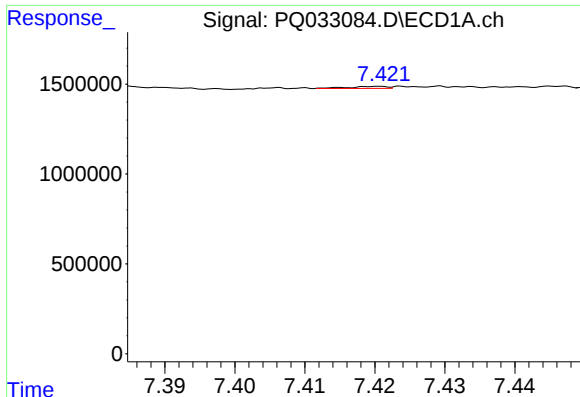
#30 AR-1254-5

R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 49906
Conc: 0.38 ng/ml



#30 AR-1254-5

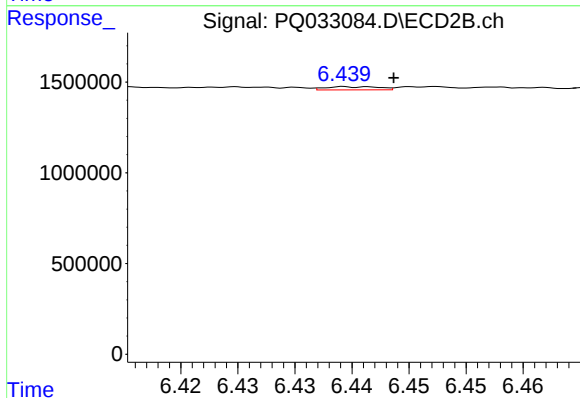
R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 29638
Conc: 0.20 ng/ml



#31 AR-1260-1

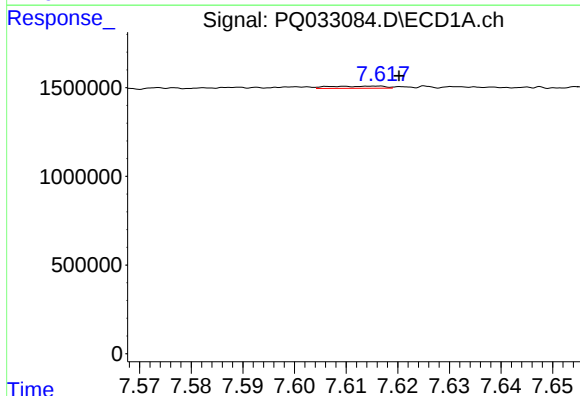
R.T.: 7.421 min
Delta R.T.: 0.055 min
Response: 42479
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



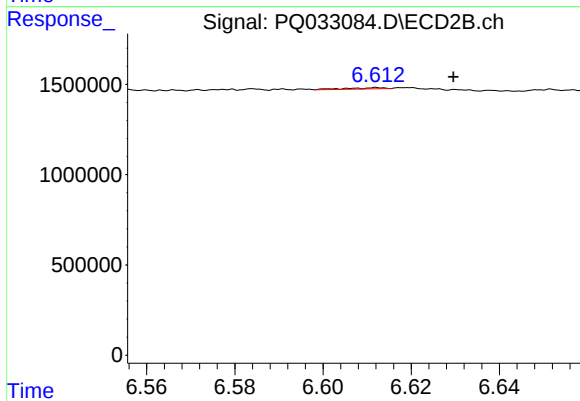
#31 AR-1260-1

R.T.: 6.439 min
Delta R.T.: -0.004 min
Response: 58129
Conc: 0.62 ng/ml



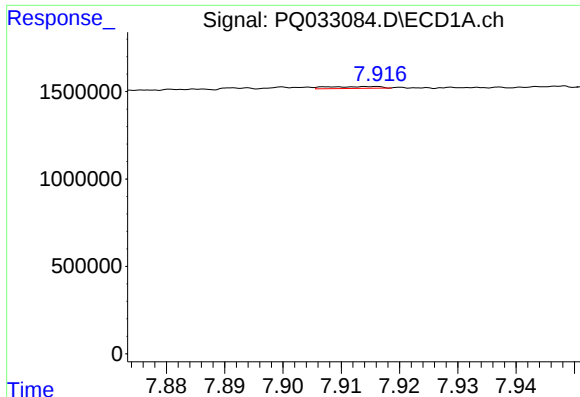
#32 AR-1260-2

R.T.: 7.617 min
Delta R.T.: -0.004 min
Response: 87947
Conc: 0.70 ng/ml



#32 AR-1260-2

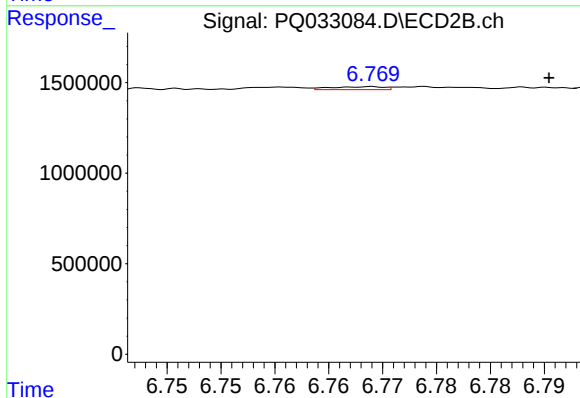
R.T.: 6.612 min
Delta R.T.: -0.017 min
Response: 38459
Conc: 0.33 ng/ml



#33 AR-1260-3

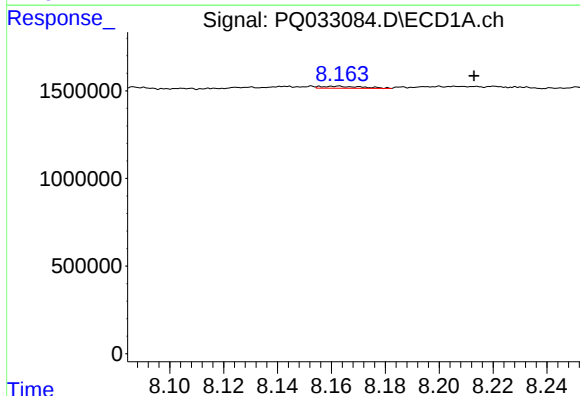
R.T.: 7.916 min
Delta R.T.: -0.064 min
Response: 67756
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



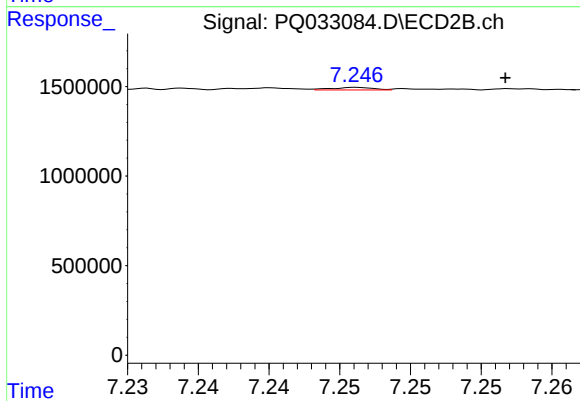
#33 AR-1260-3

R.T.: 6.769 min
Delta R.T.: -0.016 min
Response: 55954
Conc: 0.52 ng/ml



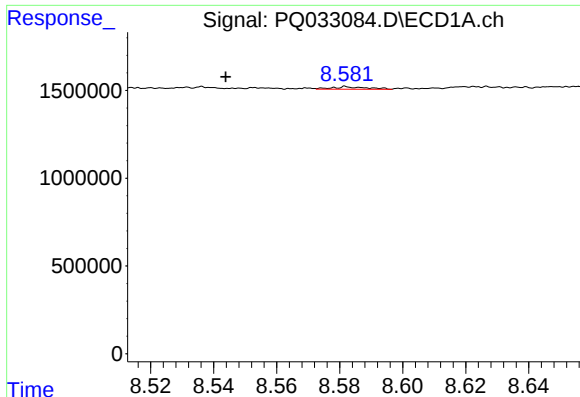
#34 AR-1260-4

R.T.: 8.163 min
Delta R.T.: -0.050 min
Response: 123543
Conc: 1.22 ng/ml



#34 AR-1260-4

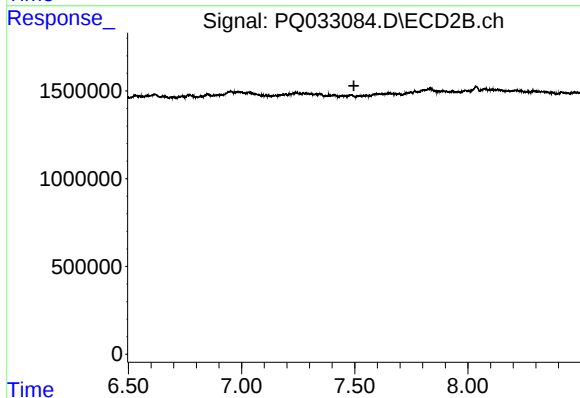
R.T.: 7.247 min
Delta R.T.: -0.010 min
Response: 30240
Conc: 0.39 ng/ml



#35 AR-1260-5

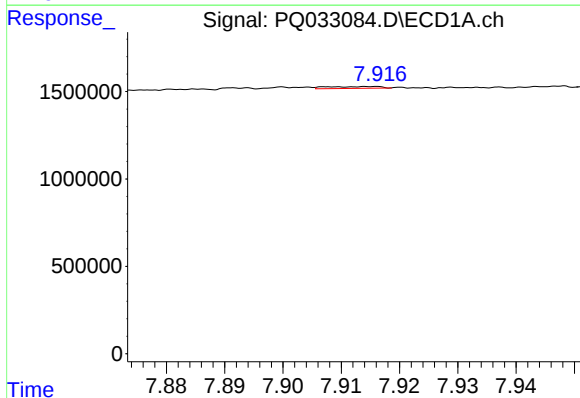
R.T.: 8.582 min
Delta R.T.: 0.038 min
Response: 108740
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



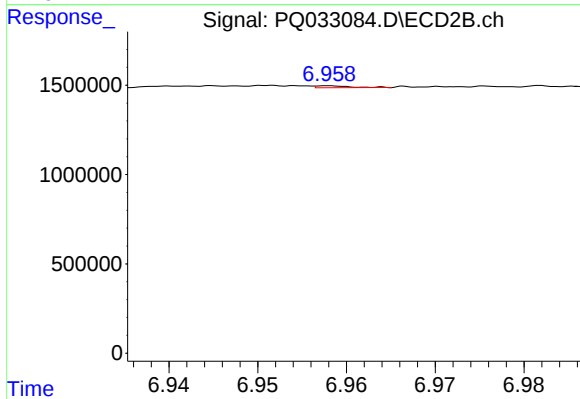
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.496 min
Response: 0
Conc: N.D.



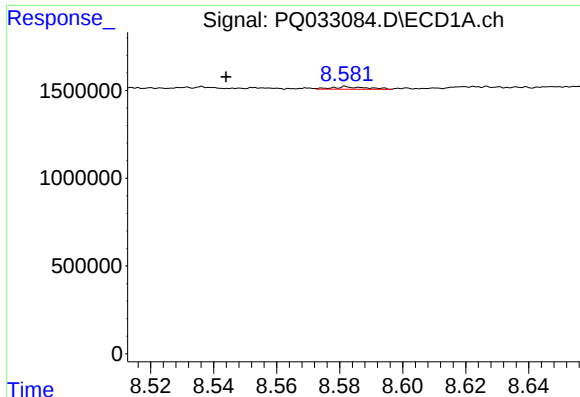
#36 AR-1262-1

R.T.: 7.916 min
Delta R.T.: -0.063 min
Response: 67756
Conc: 0.50 ng/ml



#36 AR-1262-1

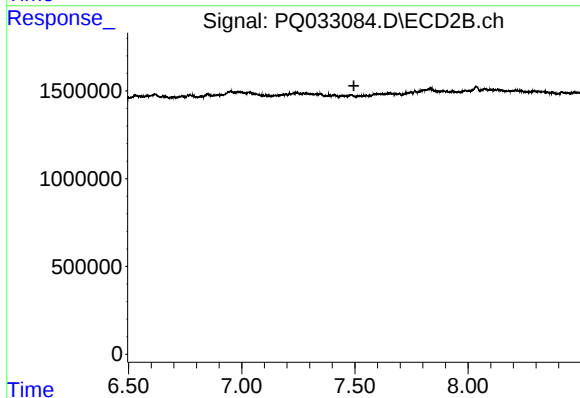
R.T.: 6.958 min
Delta R.T.: -0.036 min
Response: 29638
Conc: 0.23 ng/ml



#37 AR-1262-2

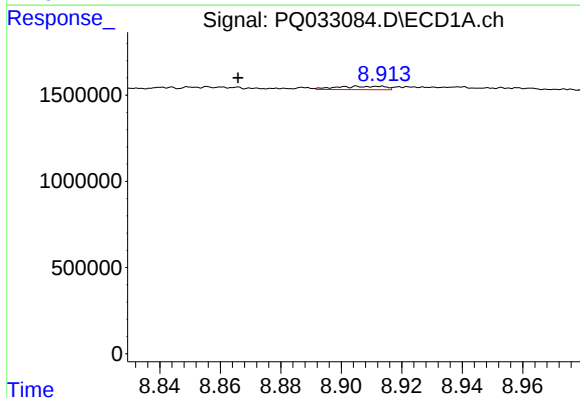
R.T.: 8.582 min
Delta R.T.: 0.038 min
Response: 108740
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



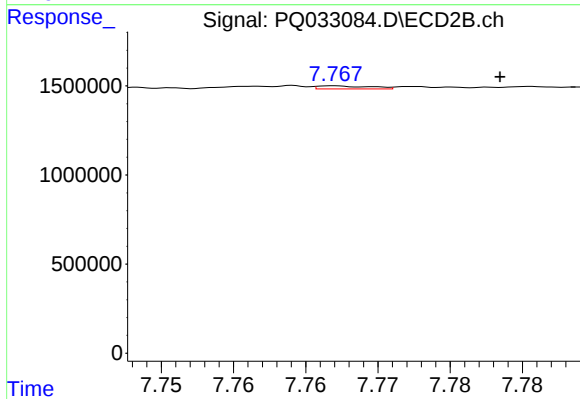
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.495 min
Response: 0
Conc: N.D.



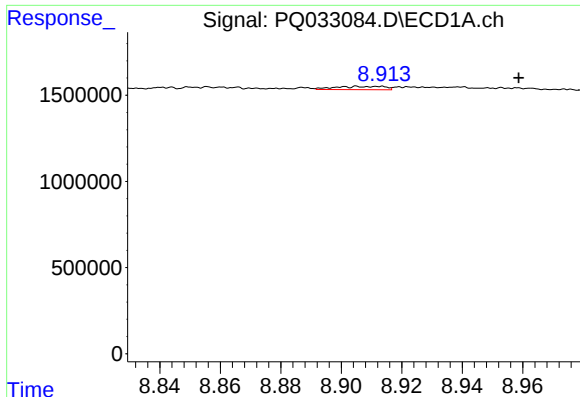
#38 AR-1262-3

R.T.: 8.905 min
Delta R.T.: 0.039 min
Response: 218115
Conc: 1.32 ng/ml



#38 AR-1262-3

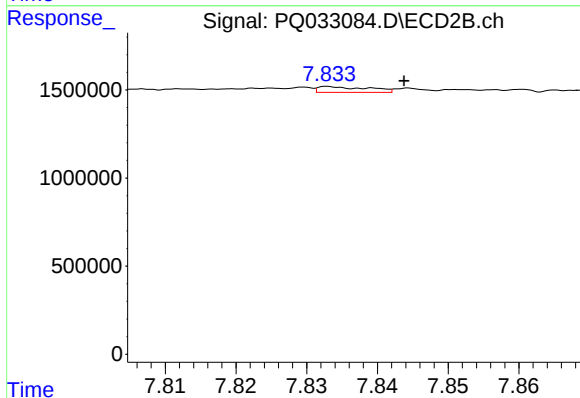
R.T.: 7.767 min
Delta R.T.: -0.011 min
Response: 43604
Conc: 0.47 ng/ml



#39 AR-1262-4

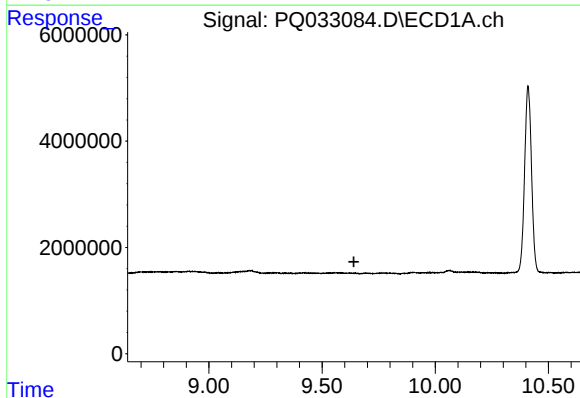
R.T.: 8.905 min
Delta R.T.: -0.053 min
Response: 218115
Conc: 3.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



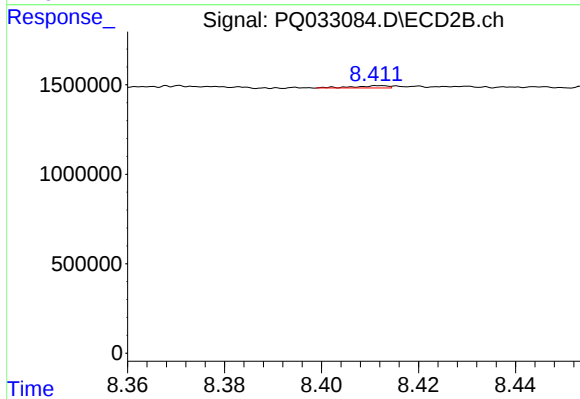
#39 AR-1262-4

R.T.: 7.833 min
Delta R.T.: -0.011 min
Response: 162991
Conc: 0.94 ng/ml



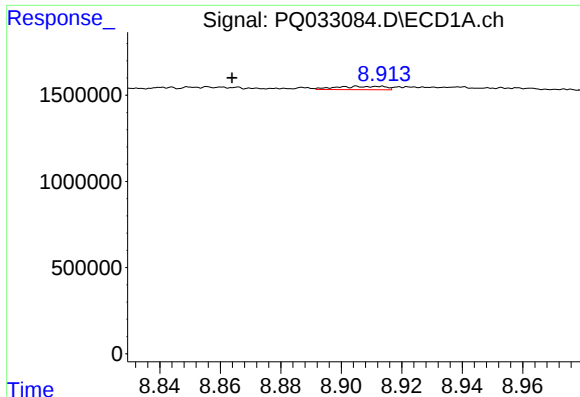
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.640 min
Response: 0
Conc: N.D.



#40 AR-1262-5

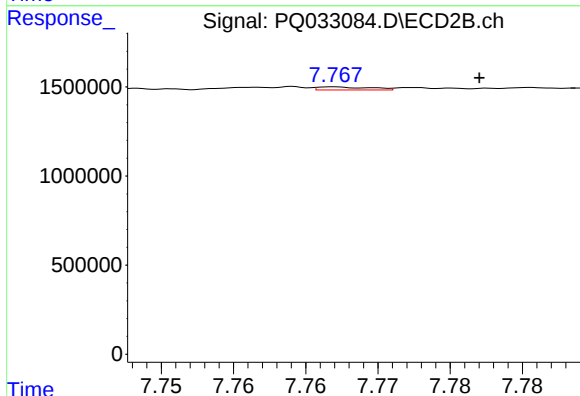
R.T.: 8.412 min
Delta R.T.: 0.063 min
Response: 60186
Conc: 0.75 ng/ml



#41 AR-1268-1

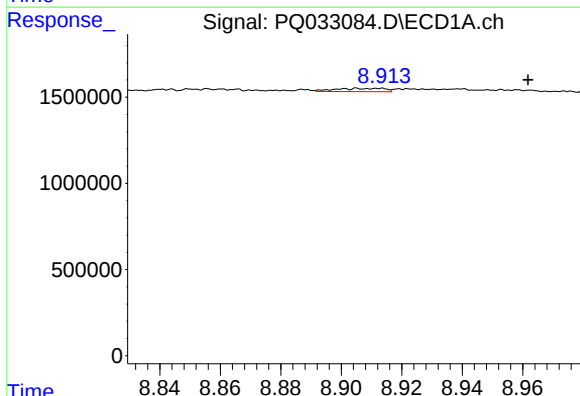
R.T.: 8.905 min
Delta R.T.: 0.041 min
Response: 218115
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



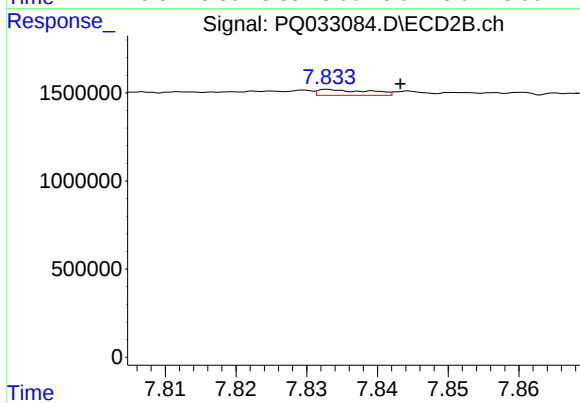
#41 AR-1268-1

R.T.: 7.767 min
Delta R.T.: -0.010 min
Response: 43604
Conc: 0.13 ng/ml



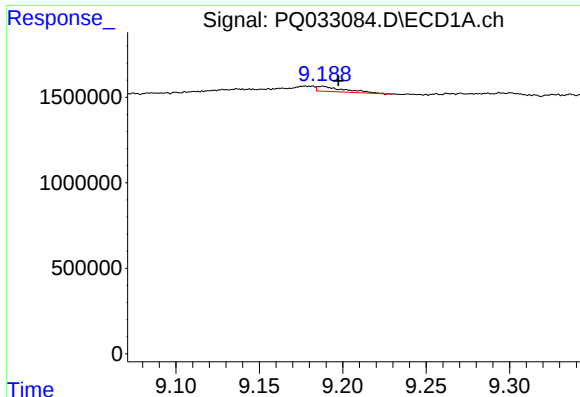
#42 AR-1268-2

R.T.: 8.905 min
Delta R.T.: -0.057 min
Response: 218115
Conc: 0.65 ng/ml



#42 AR-1268-2

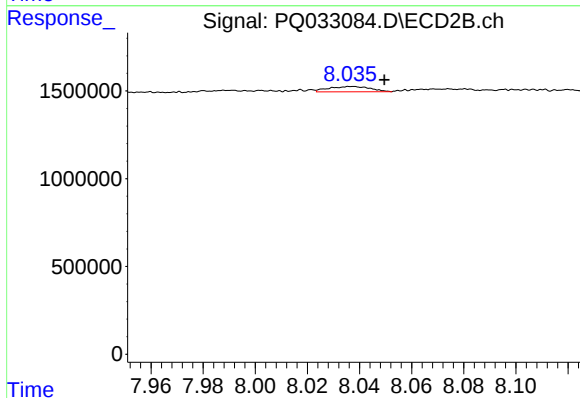
R.T.: 7.833 min
Delta R.T.: -0.010 min
Response: 162991
Conc: 0.53 ng/ml



#43 AR-1268-3

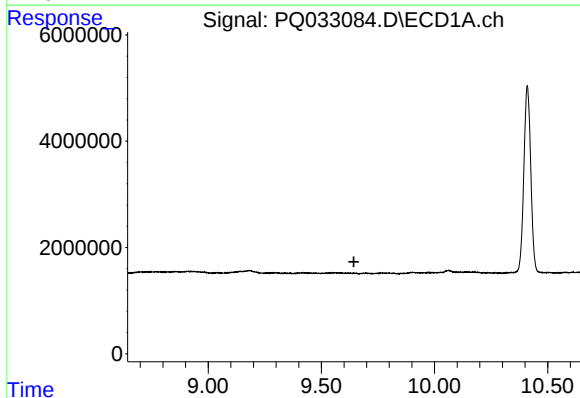
R.T.: 9.188 min
Delta R.T.: -0.009 min
Response: 337378
Conc: 1.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



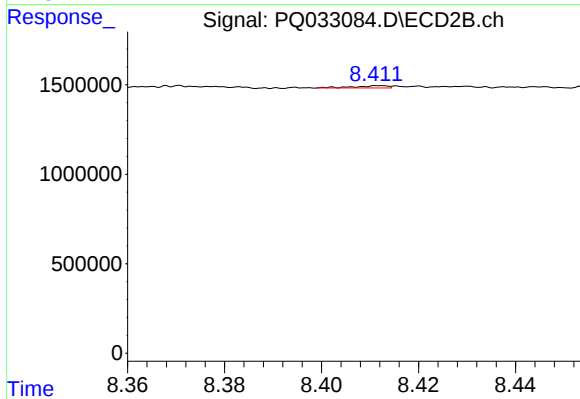
#43 AR-1268-3

R.T.: 8.038 min
Delta R.T.: -0.011 min
Response: 334706
Conc: 1.31 ng/ml



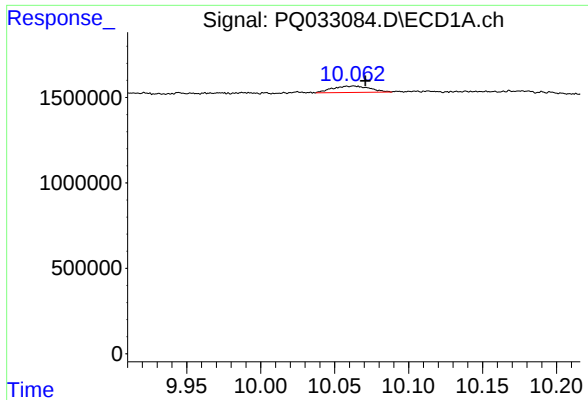
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.644 min
Response: 0
Conc: N.D.



#44 AR-1268-4

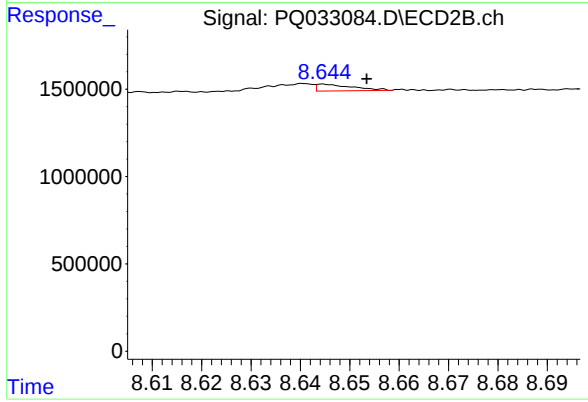
R.T.: 8.412 min
Delta R.T.: 0.064 min
Response: 60186
Conc: 0.55 ng/ml



#45 AR-1268-5

R.T.: 10.063 min
Delta R.T.: -0.008 min
Response: 654860
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.645 min
Delta R.T.: -0.009 min
Response: 197107
Conc: 0.24 ng/ml