

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021521\
 Data File : PQ052249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2021 15:29
 Operator : DD\AJ
 Sample : AIBLK38
 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: Feb 16 06:31:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 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...	5.228	4.245	551.6E6	189.3E6	22.460	22.563
2)	SA Decachlor...	11.419	9.592	1014.8E6	388.8E6	49.512	50.411
Target Compounds							
3)	L1 AR-1016-1	6.582	5.498	512828	1297018	0.638	4.211 #
4)	L1 AR-1016-2	6.582	5.498	512828	1297018	0.434	3.025 #
5)	L1 AR-1016-3	6.582f	5.680f	512828	160764	0.719	0.734
6)	L1 AR-1016-4	6.762	0.000	4817961	0	8.003	N.D. #
7)	L1 AR-1016-5	7.099	6.053f	3972654	633573	7.061	2.967 #
8)	L2 AR-1221-1	5.483	0.000	5671975	0	22.240	N.D. #
9)	L2 AR-1221-2	5.583	4.601	7006405	2628081	39.833	41.533
10)	L2 AR-1221-3	5.669	0.000	1163654	0	1.976	N.D. #
11)	L3 AR-1232-1	5.669	0.000	1163654	0	2.368	N.D. #
12)	L3 AR-1232-2	6.265	5.498	718932	1297018	2.793	6.569 #
13)	L3 AR-1232-3	6.582	5.680f	512828	160764	0.975	1.634 #
14)	L3 AR-1232-4	6.762	5.883f	4817961	668966	18.379	8.082 #
15)	L3 AR-1232-5	6.839	6.053f	2160165	633573	11.693	7.121 #
16)	L4 AR-1242-1	6.582	5.498	512828	1297018	0.746	4.924 #
17)	L4 AR-1242-2	6.582	5.498	512828	1297018	0.508	3.530 #
18)	L4 AR-1242-3	6.582f	5.680f	512828	160764	0.844	0.843
19)	L4 AR-1242-4	6.762	5.883f	4817961	668966	9.475	3.788 #
20)	L4 AR-1242-5	7.532	6.403	11363792	2843152	20.143	11.340 #
21)	L5 AR-1248-1	6.582	5.498	512828	1297018	0.936	6.307 #
22)	L5 AR-1248-2	6.839	0.000	2160165	0	2.810	N.D. #
23)	L5 AR-1248-3	7.099	5.883f	3972654	668966	4.499	2.399 #
24)	L5 AR-1248-4	7.470	6.053f	24539598	633573	23.603	1.904 #
25)	L5 AR-1248-5	7.532	6.403	11363792	2843152	11.093	7.952 #
26)	L6 AR-1254-1	7.470	6.403	24539598	2843152	24.702	5.331 #
27)	L6 AR-1254-2	7.700	6.517	5395389	405007	3.491	0.887 #
28)	L6 AR-1254-3	8.099	0.000	7114809	0	4.210	N.D. #
29)	L6 AR-1254-4	8.348	7.264f	27859574	-4279494	22.211	N.D. #
30)	L6 AR-1254-5	8.819	7.618	22305384	6267606	16.599	9.215 #
31)	L7 AR-1260-1	8.307f	7.075	3485692	1294157	3.488	3.160
32)	L7 AR-1260-2	8.510	7.264	31367414	-4279494	25.538	N.D. #
33)	L7 AR-1260-3	8.886	7.457	13337639	3168103	14.585	6.629 #
35)	L7 AR-1260-5	9.423f	8.182	9136709	7922511	4.027	7.358 #
36)	L8 AR-1262-1	8.886	7.618	13337639	6267606	8.471	18.150 #
37)	L8 AR-1262-2	9.423f	8.182	9136709	7922511	3.050	5.907 #
38)	L8 AR-1262-3	9.759	8.486	10008329	10008613	5.028	19.142 #
39)	L8 AR-1262-4	9.901	8.486f	5973158	10008613	3.925	10.243 #
40)	L8 AR-1262-5	10.643f	0.000	11527207	0	10.594	N.D. #
41)	L9 AR-1268-1	9.759	8.486	10008329	10008613	2.847	6.214 #
42)	L9 AR-1268-2	9.901	8.486f	5973158	10008613	1.819	6.714 #

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 Acq On : 15 Feb 2021 15:29
 Operator : DD\AJ
 Sample : AIBLK38
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

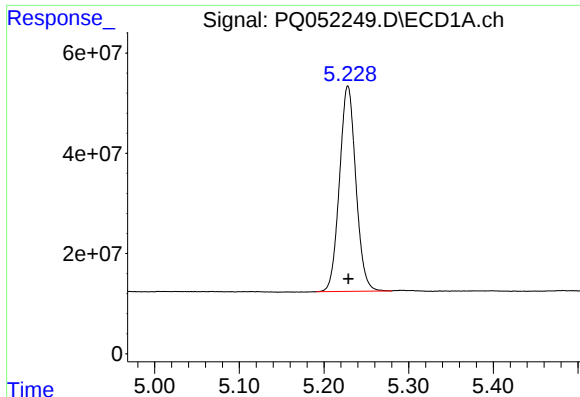
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:31:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
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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
43) L9	AR-1268-3	10.140	8.736	6032201	5195488	2.168	4.143 #
44) L9	AR-1268-4	10.643f	0.000	11527207	0	9.452	N.D. #
45) L9	AR-1268-5	11.053	9.329	7318058	2367266	0.749	0.589

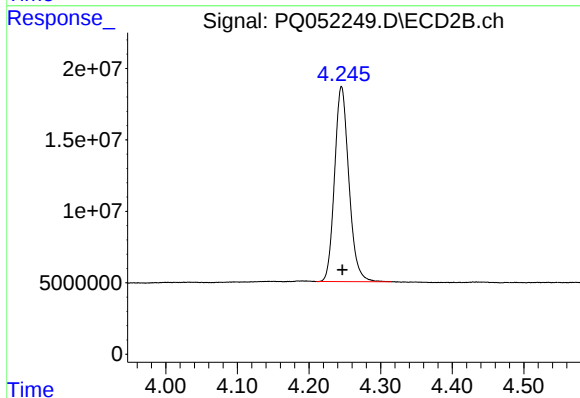
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

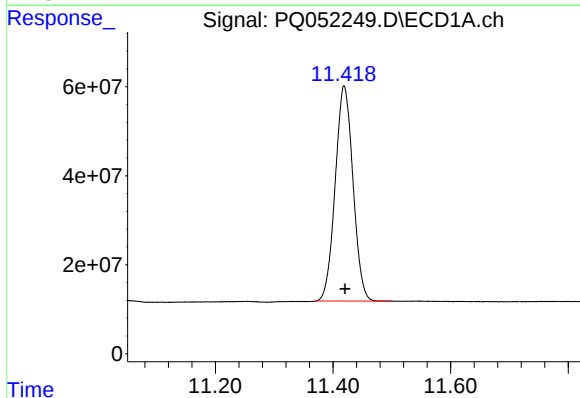
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 551578221
Conc: 22.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



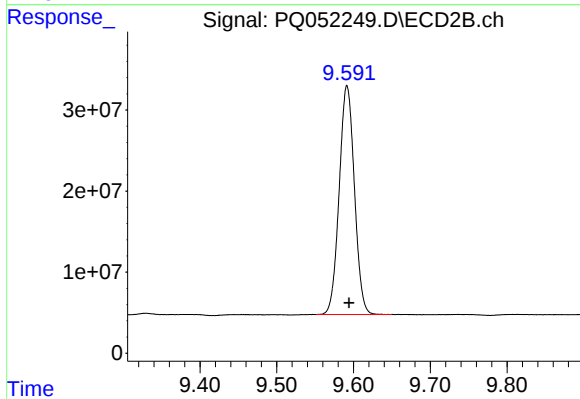
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.001 min
Response: 189265434
Conc: 22.56 ng/ml



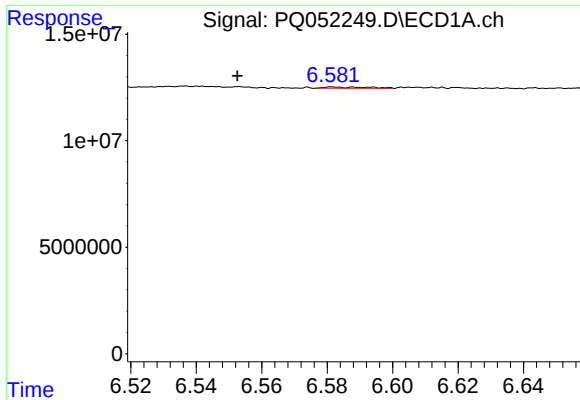
#2 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: -0.002 min
Response: 1014753041
Conc: 49.51 ng/ml



#2 Decachlorobiphenyl

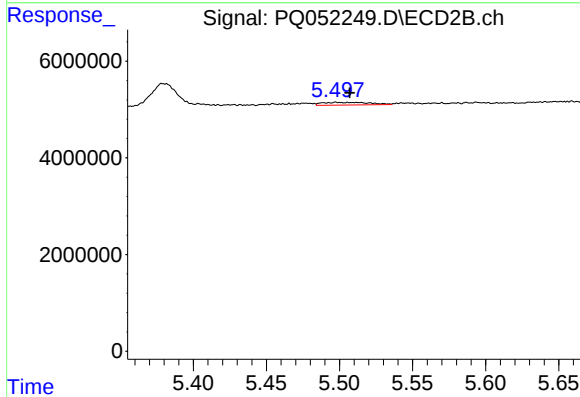
R.T.: 9.592 min
Delta R.T.: -0.003 min
Response: 388810351
Conc: 50.41 ng/ml



#3 AR-1016-1

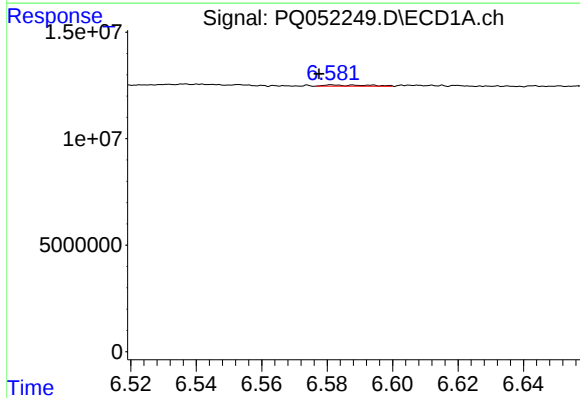
R.T.: 6.582 min
Delta R.T.: 0.029 min
Response: 512828
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



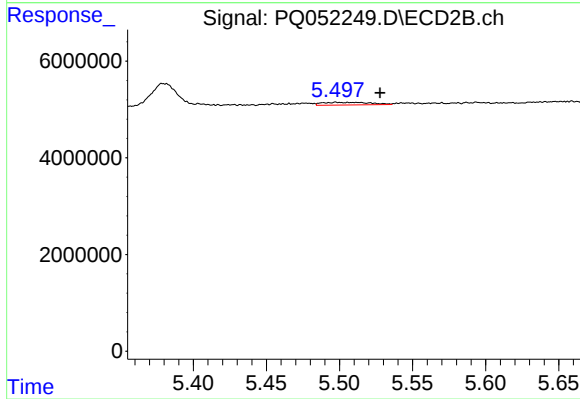
#3 AR-1016-1

R.T.: 5.498 min
Delta R.T.: -0.009 min
Response: 1297018
Conc: 4.21 ng/ml



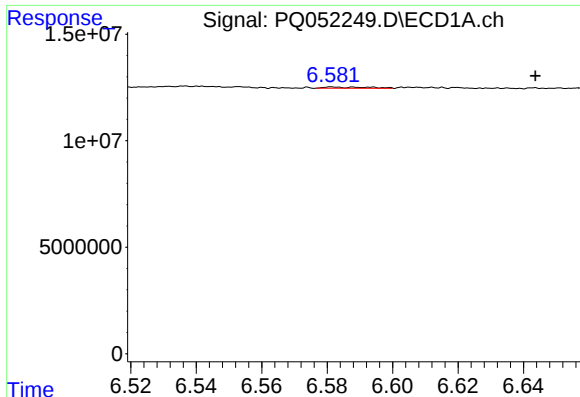
#4 AR-1016-2

R.T.: 6.582 min
Delta R.T.: 0.004 min
Response: 512828
Conc: 0.43 ng/ml



#4 AR-1016-2

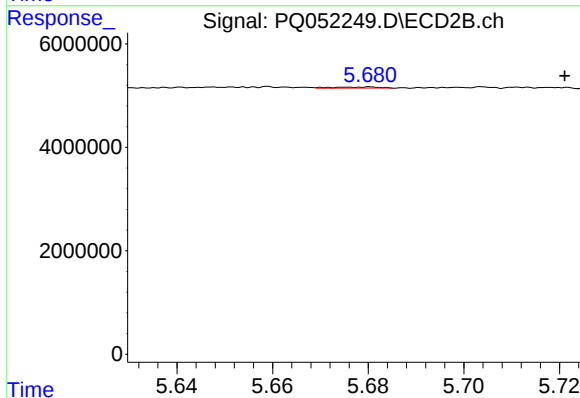
R.T.: 5.498 min
Delta R.T.: -0.030 min
Response: 1297018
Conc: 3.02 ng/ml



#5 AR-1016-3

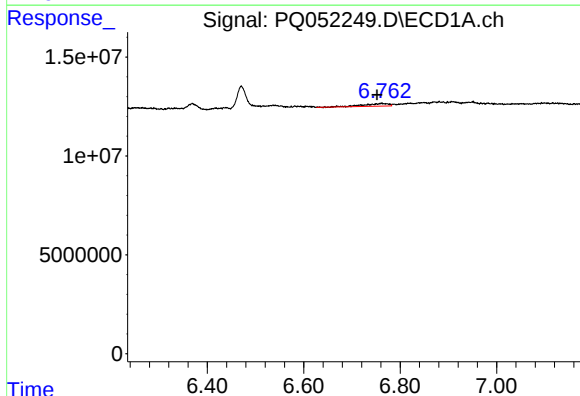
R.T.: 6.582 min
Delta R.T.: -0.062 min
Response: 512828
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



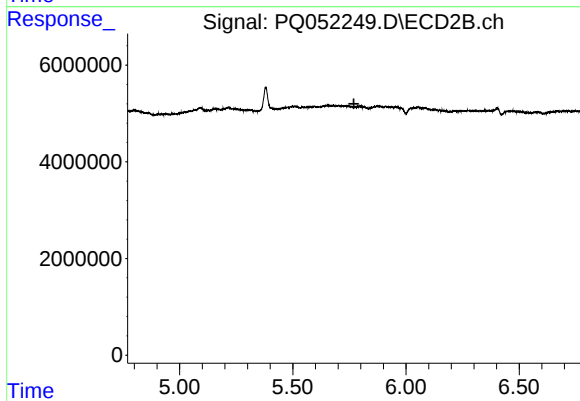
#5 AR-1016-3

R.T.: 5.680 min
Delta R.T.: -0.041 min
Response: 160764
Conc: 0.73 ng/ml



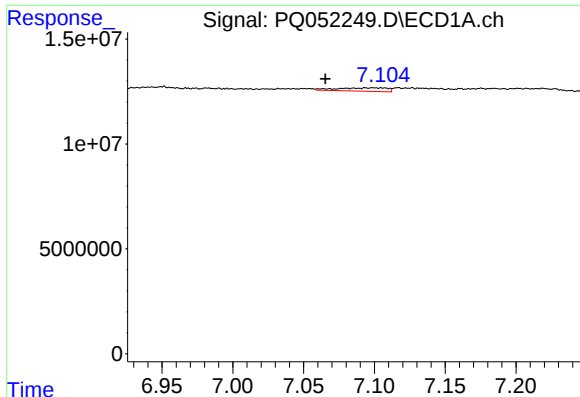
#6 AR-1016-4

R.T.: 6.762 min
Delta R.T.: 0.010 min
Response: 4817961
Conc: 8.00 ng/ml



#6 AR-1016-4

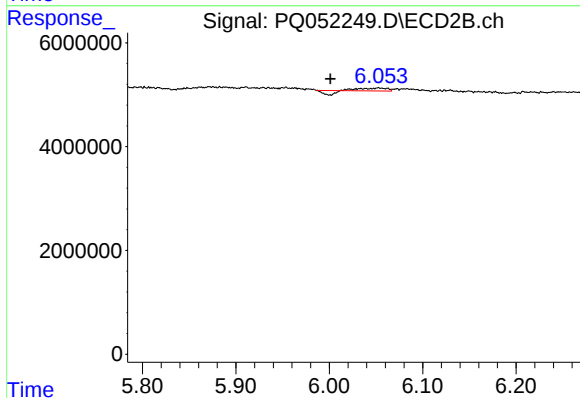
R.T.: 0.000 min
Exp R.T.: 5.770 min
Response: 0
Conc: N.D.



#7 AR-1016-5

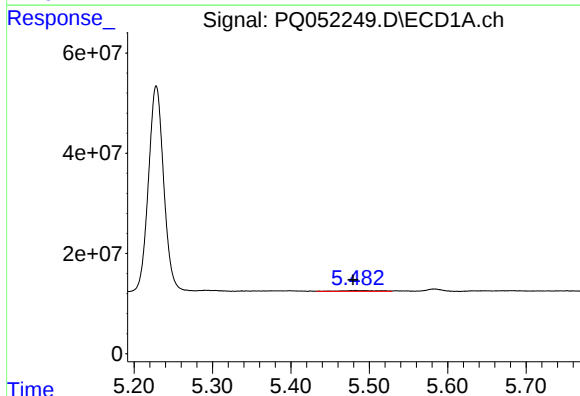
R.T.: 7.099 min
Delta R.T.: 0.034 min
Response: 3972654
Conc: 7.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



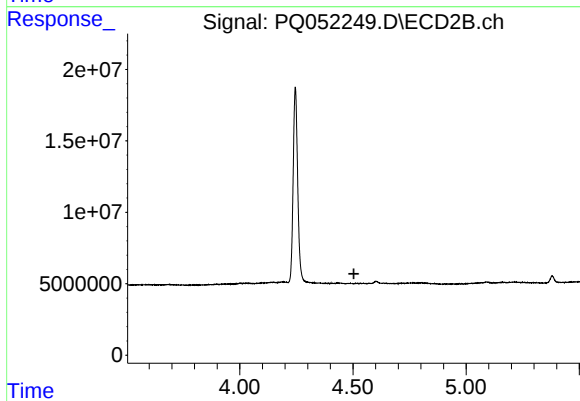
#7 AR-1016-5

R.T.: 6.053 min
Delta R.T.: 0.052 min
Response: 633573
Conc: 2.97 ng/ml



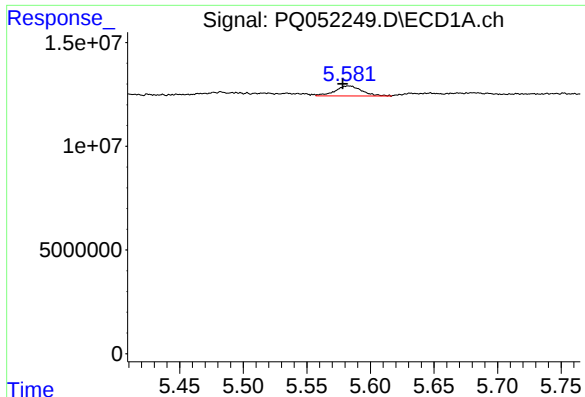
#8 AR-1221-1

R.T.: 5.483 min
Delta R.T.: 0.003 min
Response: 5671975
Conc: 22.24 ng/ml



#8 AR-1221-1

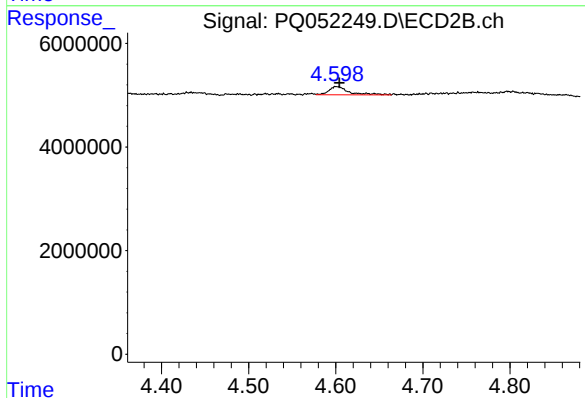
R.T.: 0.000 min
Exp R.T.: 4.504 min
Response: 0
Conc: N.D.



#9 AR-1221-2

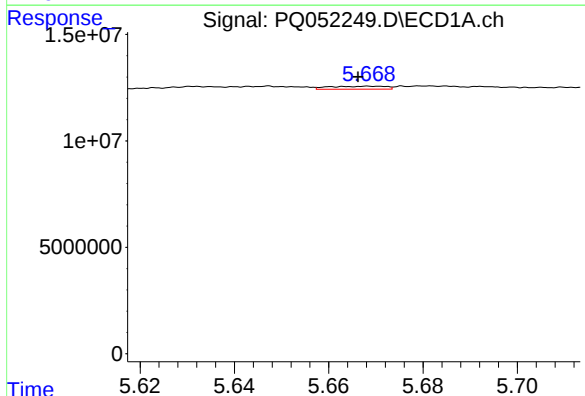
R.T.: 5.583 min
Delta R.T.: 0.005 min
Response: 7006405
Conc: 39.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



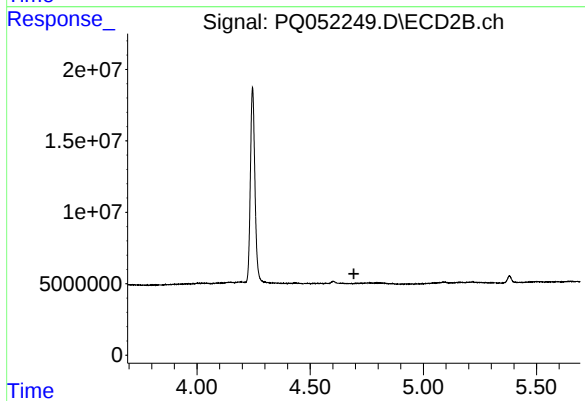
#9 AR-1221-2

R.T.: 4.601 min
Delta R.T.: -0.003 min
Response: 2628081
Conc: 41.53 ng/ml



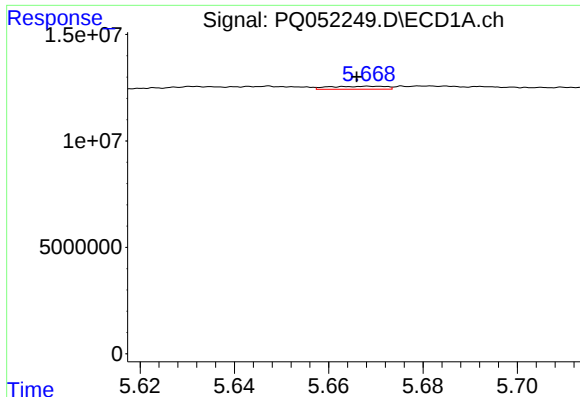
#10 AR-1221-3

R.T.: 5.669 min
Delta R.T.: 0.003 min
Response: 1163654
Conc: 1.98 ng/ml



#10 AR-1221-3

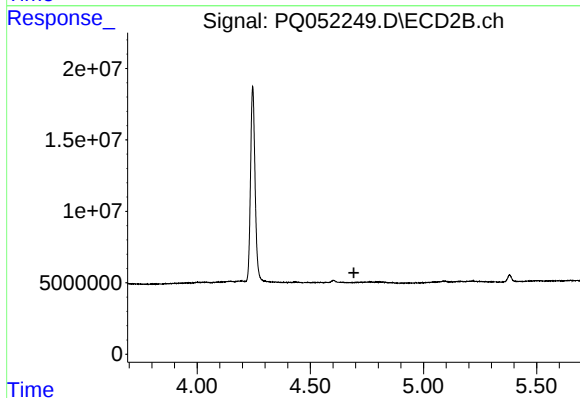
R.T.: 0.000 min
Exp R.T.: 4.693 min
Response: 0
Conc: N.D.



#11 AR-1232-1

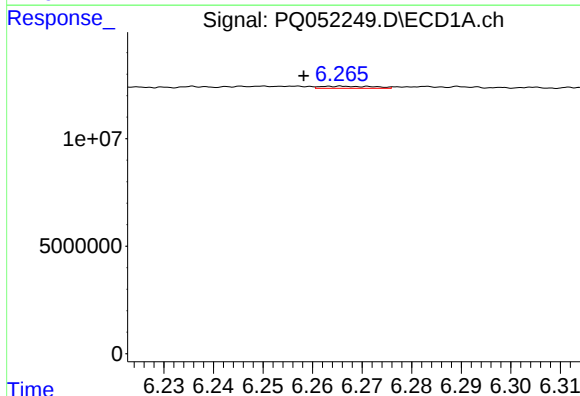
R.T.: 5.669 min
Delta R.T.: 0.003 min
Response: 1163654
Conc: 2.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



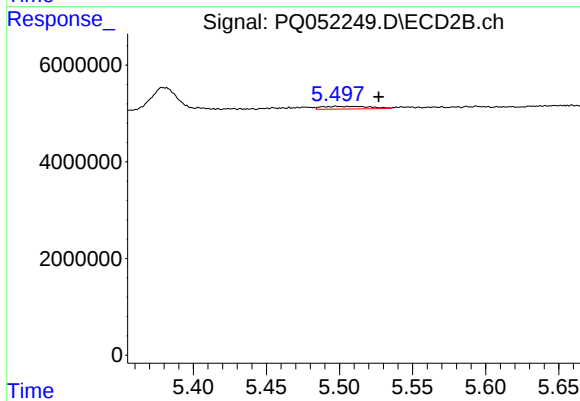
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.692 min
Response: 0
Conc: N.D.



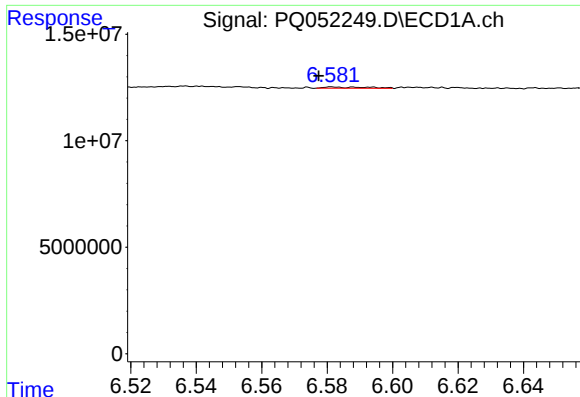
#12 AR-1232-2

R.T.: 6.265 min
Delta R.T.: 0.007 min
Response: 718932
Conc: 2.79 ng/ml



#12 AR-1232-2

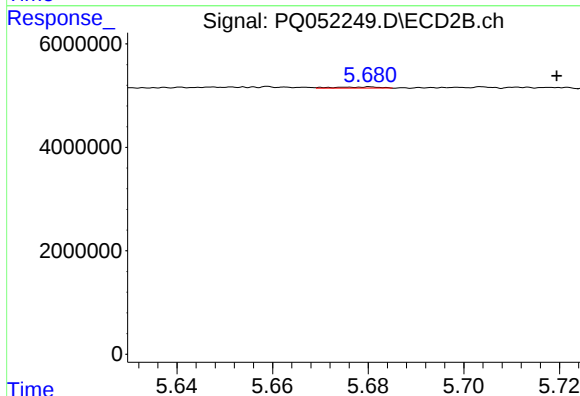
R.T.: 5.498 min
Delta R.T.: -0.029 min
Response: 1297018
Conc: 6.57 ng/ml



#13 AR-1232-3

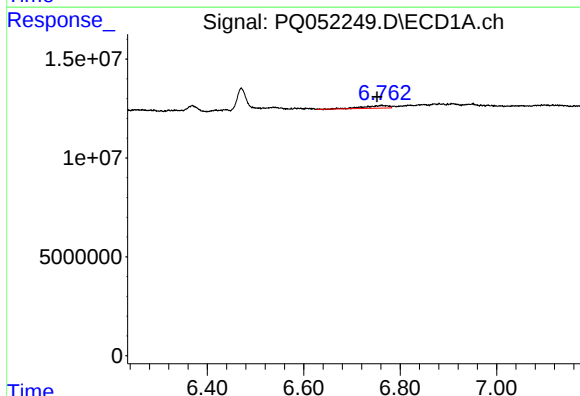
R.T.: 6.582 min
Delta R.T.: 0.004 min
Response: 512828
Conc: 0.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



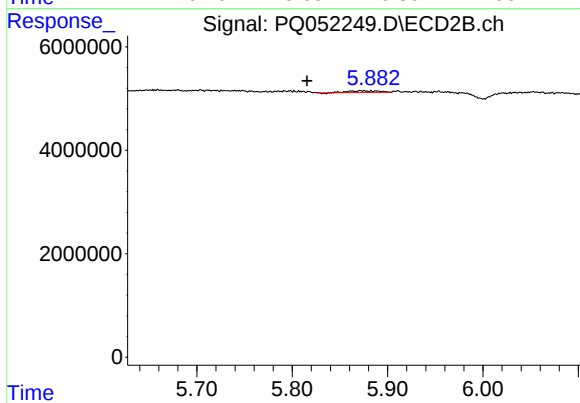
#13 AR-1232-3

R.T.: 5.680 min
Delta R.T.: -0.039 min
Response: 160764
Conc: 1.63 ng/ml



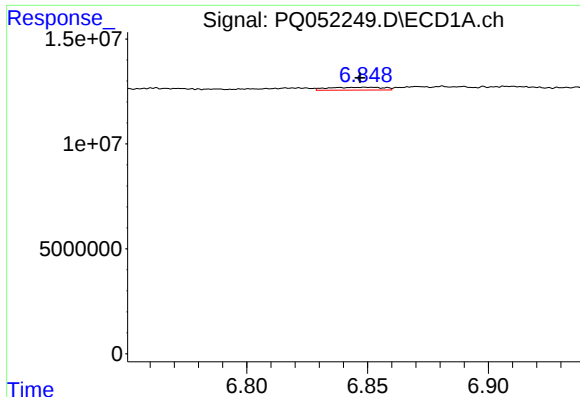
#14 AR-1232-4

R.T.: 6.762 min
Delta R.T.: 0.010 min
Response: 4817961
Conc: 18.38 ng/ml



#14 AR-1232-4

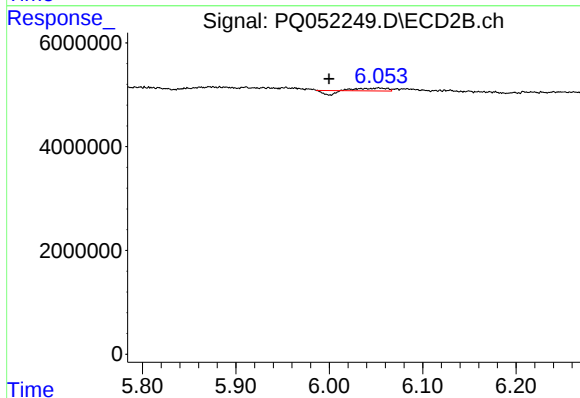
R.T.: 5.883 min
Delta R.T.: 0.067 min
Response: 668966
Conc: 8.08 ng/ml



#15 AR-1232-5

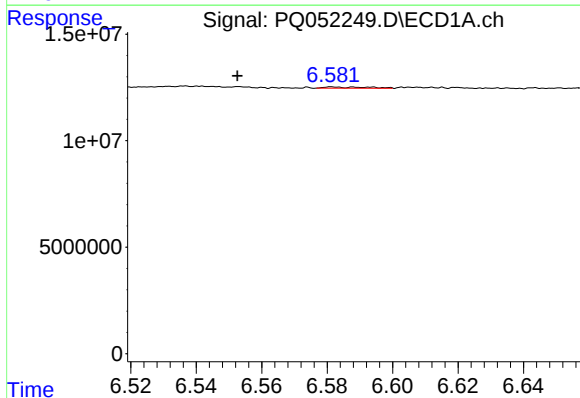
R.T.: 6.839 min
Delta R.T.: -0.008 min
Response: 2160165
Conc: 11.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



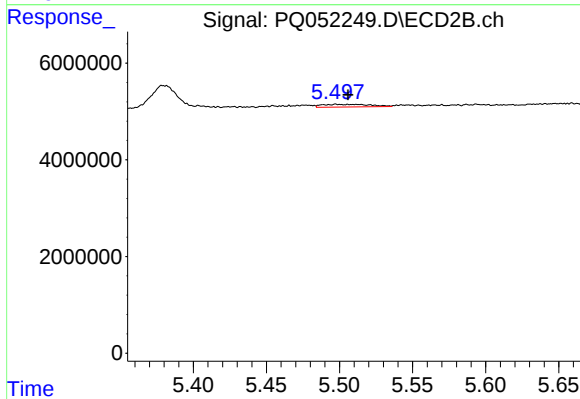
#15 AR-1232-5

R.T.: 6.053 min
Delta R.T.: 0.053 min
Response: 633573
Conc: 7.12 ng/ml



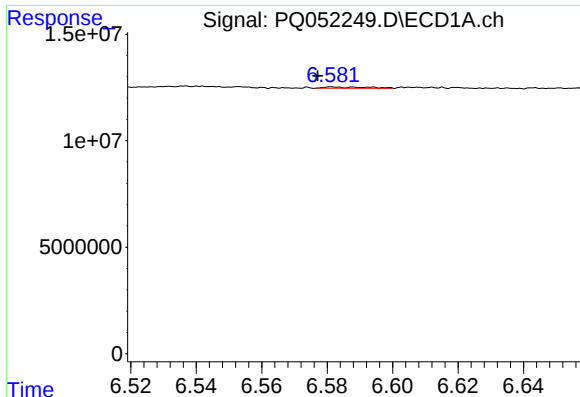
#16 AR-1242-1

R.T.: 6.582 min
Delta R.T.: 0.029 min
Response: 512828
Conc: 0.75 ng/ml



#16 AR-1242-1

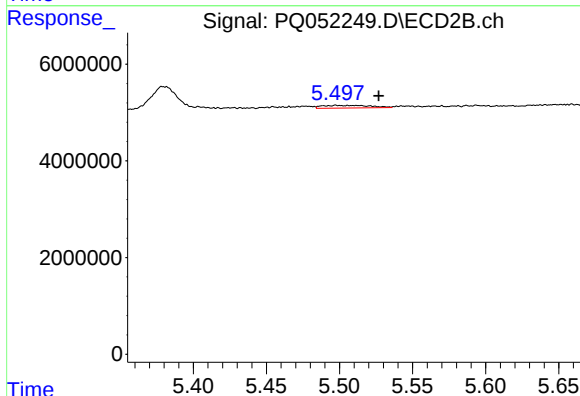
R.T.: 5.498 min
Delta R.T.: -0.008 min
Response: 1297018
Conc: 4.92 ng/ml



#17 AR-1242-2

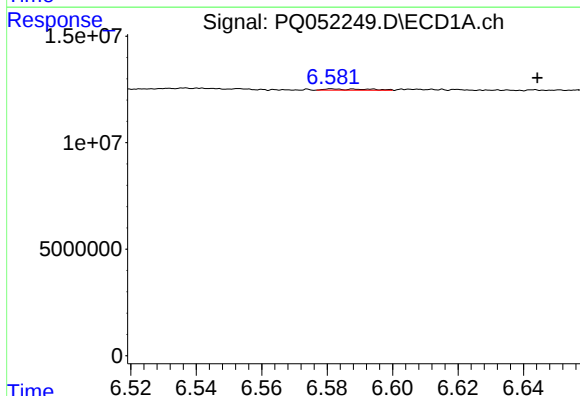
R.T.: 6.582 min
Delta R.T.: 0.005 min
Response: 512828
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



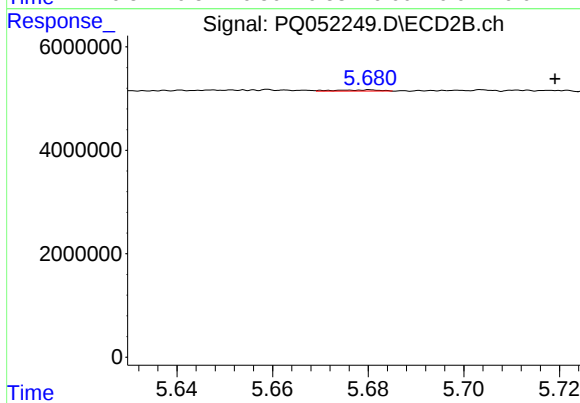
#17 AR-1242-2

R.T.: 5.498 min
Delta R.T.: -0.029 min
Response: 1297018
Conc: 3.53 ng/ml



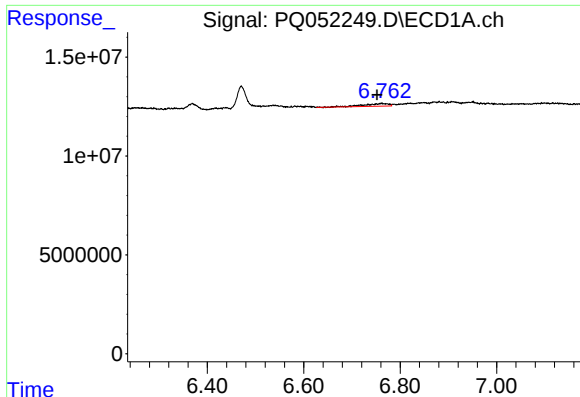
#18 AR-1242-3

R.T.: 6.582 min
Delta R.T.: -0.062 min
Response: 512828
Conc: 0.84 ng/ml



#18 AR-1242-3

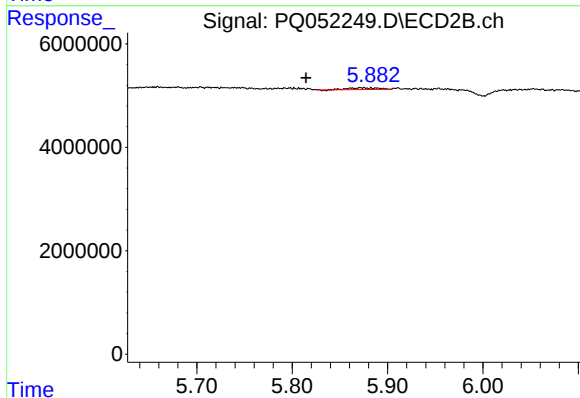
R.T.: 5.680 min
Delta R.T.: -0.039 min
Response: 160764
Conc: 0.84 ng/ml



#19 AR-1242-4

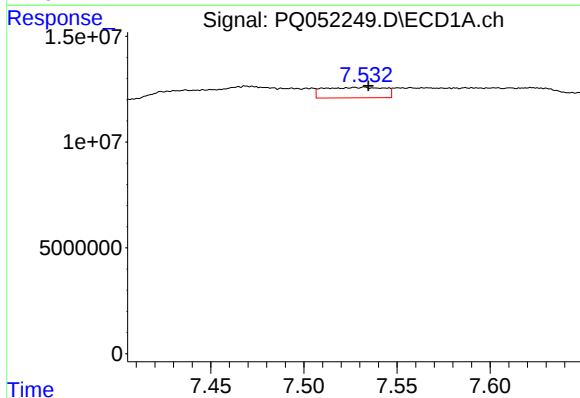
R.T.: 6.762 min
Delta R.T.: 0.009 min
Response: 4817961
Conc: 9.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



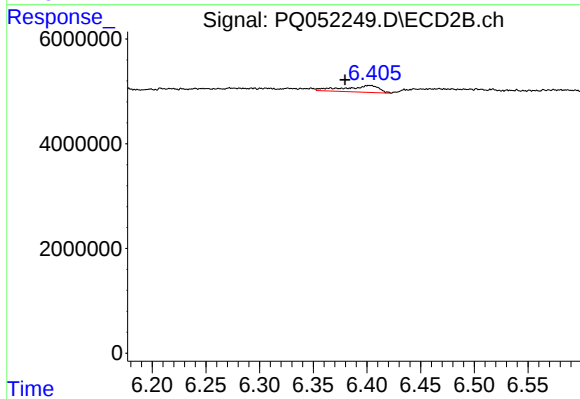
#19 AR-1242-4

R.T.: 5.883 min
Delta R.T.: 0.068 min
Response: 668966
Conc: 3.79 ng/ml



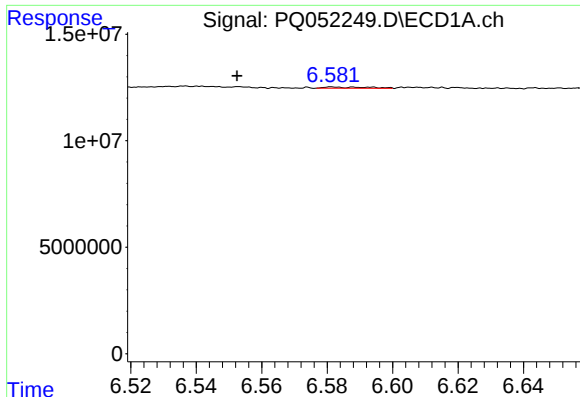
#20 AR-1242-5

R.T.: 7.532 min
Delta R.T.: -0.003 min
Response: 11363792
Conc: 20.14 ng/ml



#20 AR-1242-5

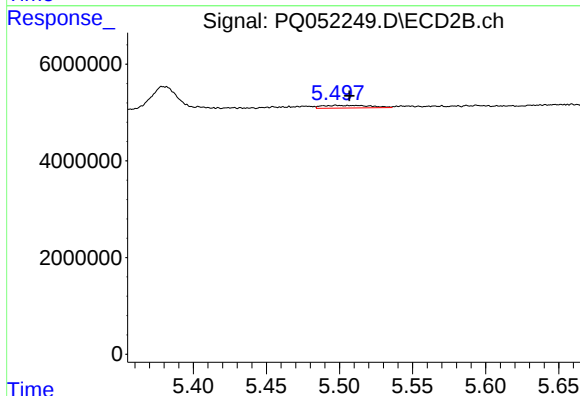
R.T.: 6.403 min
Delta R.T.: 0.023 min
Response: 2843152
Conc: 11.34 ng/ml



#21 AR-1248-1

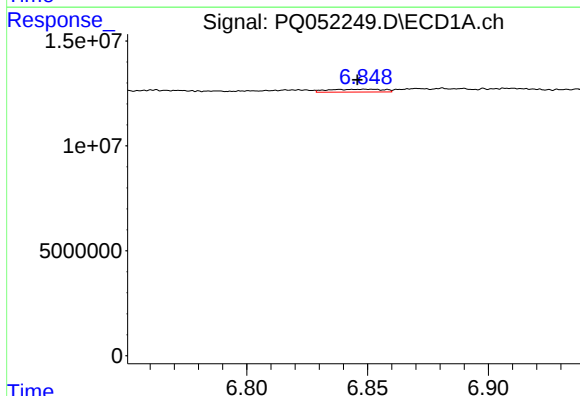
R.T.: 6.582 min
Delta R.T.: 0.029 min
Response: 512828
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



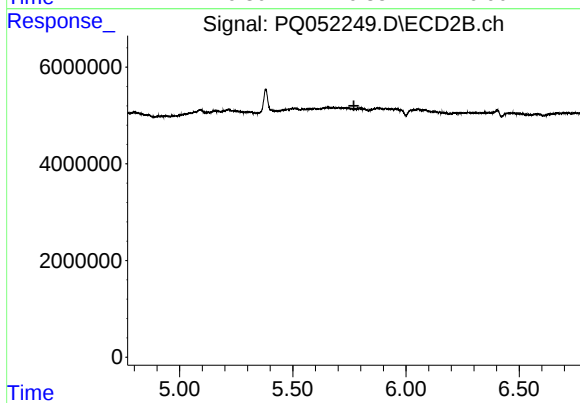
#21 AR-1248-1

R.T.: 5.498 min
Delta R.T.: -0.009 min
Response: 1297018
Conc: 6.31 ng/ml



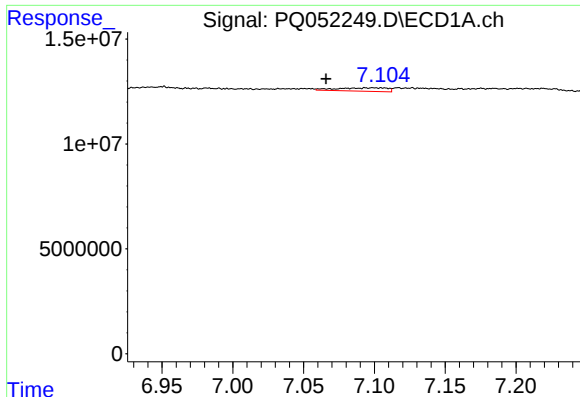
#22 AR-1248-2

R.T.: 6.839 min
Delta R.T.: -0.007 min
Response: 2160165
Conc: 2.81 ng/ml



#22 AR-1248-2

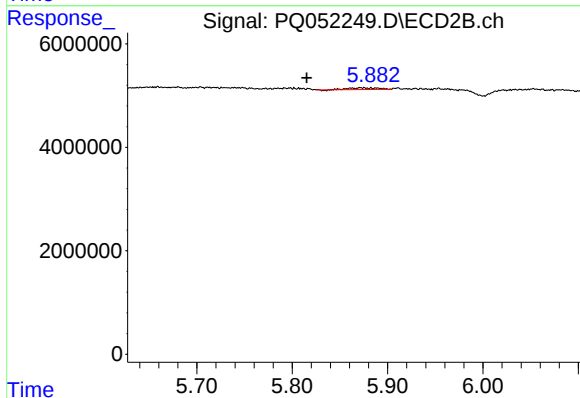
R.T.: 0.000 min
Exp R.T.: 5.770 min
Response: 0
Conc: N.D.



#23 AR-1248-3

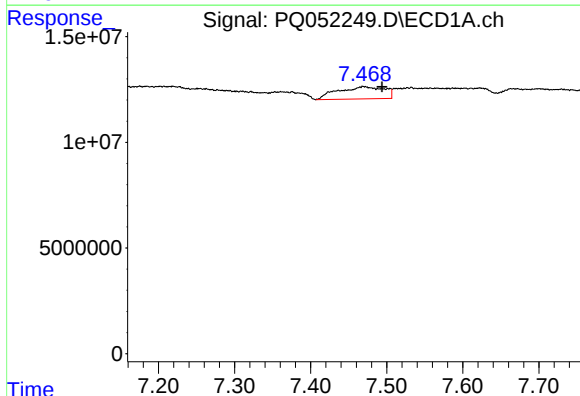
R.T.: 7.099 min
Delta R.T.: 0.033 min
Response: 3972654
Conc: 4.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



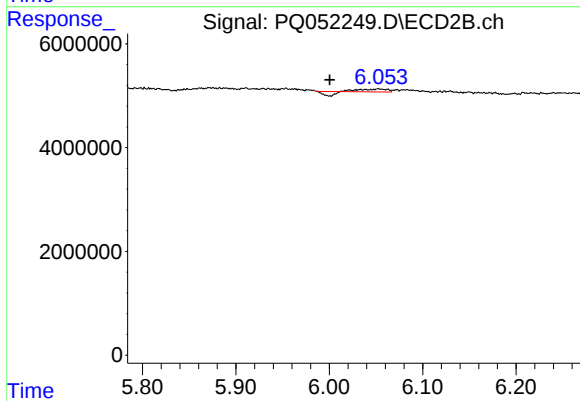
#23 AR-1248-3

R.T.: 5.883 min
Delta R.T.: 0.068 min
Response: 668966
Conc: 2.40 ng/ml



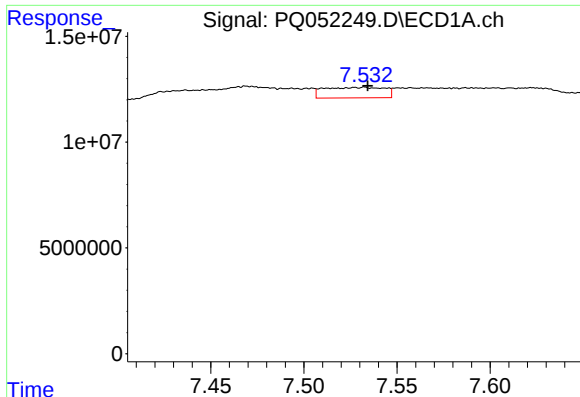
#24 AR-1248-4

R.T.: 7.470 min
Delta R.T.: -0.024 min
Response: 24539598
Conc: 23.60 ng/ml



#24 AR-1248-4

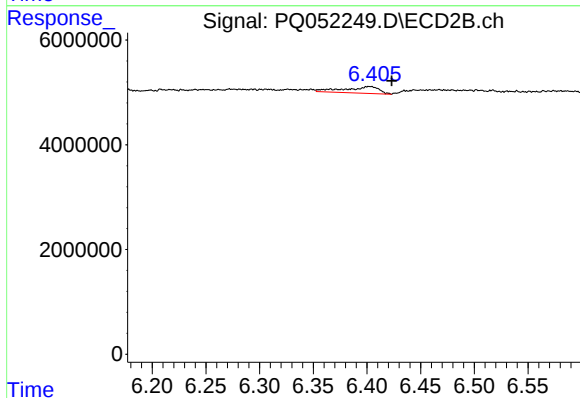
R.T.: 6.053 min
Delta R.T.: 0.052 min
Response: 633573
Conc: 1.90 ng/ml



#25 AR-1248-5

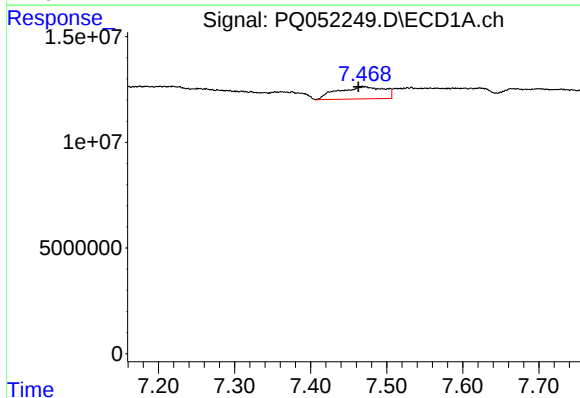
R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 11363792
Conc: 11.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



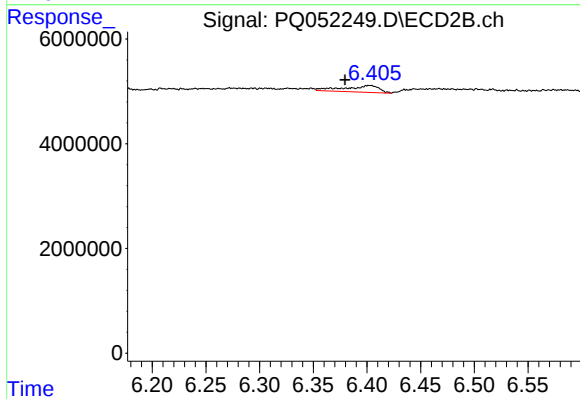
#25 AR-1248-5

R.T.: 6.403 min
Delta R.T.: -0.020 min
Response: 2843152
Conc: 7.95 ng/ml



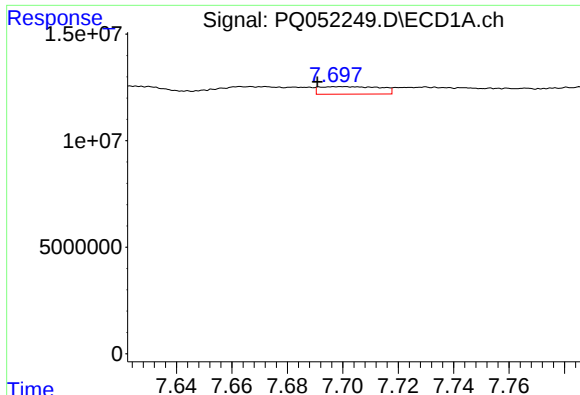
#26 AR-1254-1

R.T.: 7.470 min
Delta R.T.: 0.007 min
Response: 24539598
Conc: 24.70 ng/ml



#26 AR-1254-1

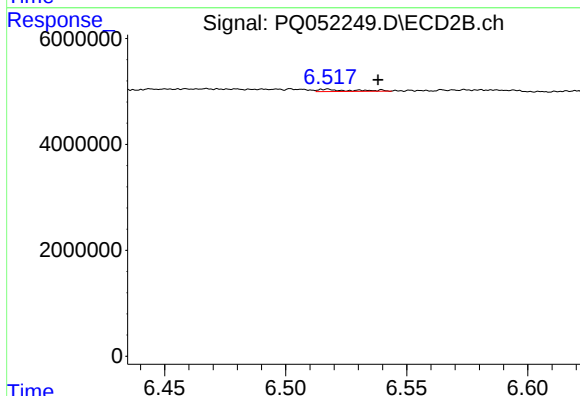
R.T.: 6.403 min
Delta R.T.: 0.024 min
Response: 2843152
Conc: 5.33 ng/ml



#27 AR-1254-2

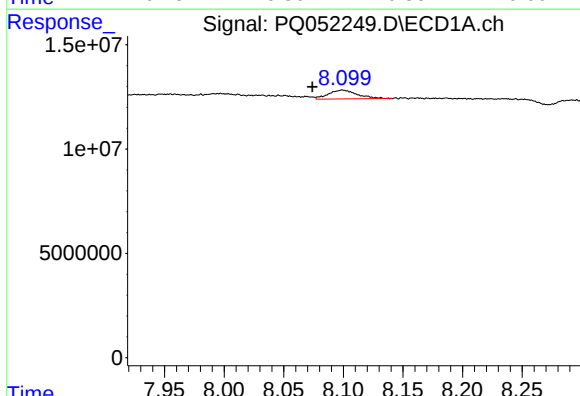
R.T.: 7.700 min
Delta R.T.: 0.009 min
Response: 5395389
Conc: 3.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



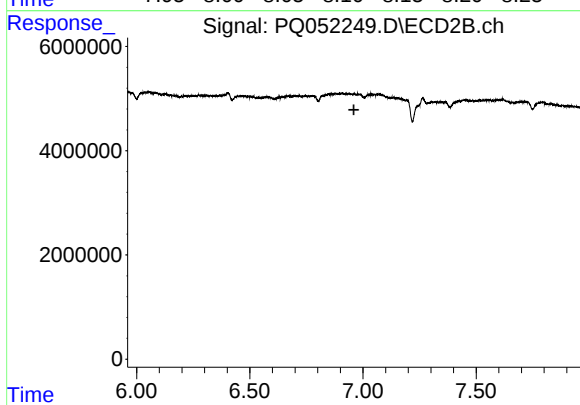
#27 AR-1254-2

R.T.: 6.517 min
Delta R.T.: -0.021 min
Response: 405007
Conc: 0.89 ng/ml



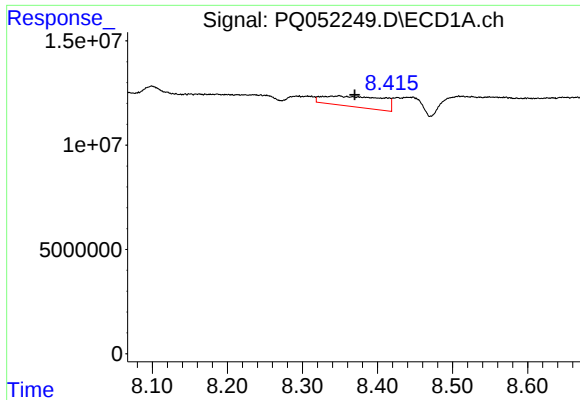
#28 AR-1254-3

R.T.: 8.099 min
Delta R.T.: 0.025 min
Response: 7114809
Conc: 4.21 ng/ml



#28 AR-1254-3

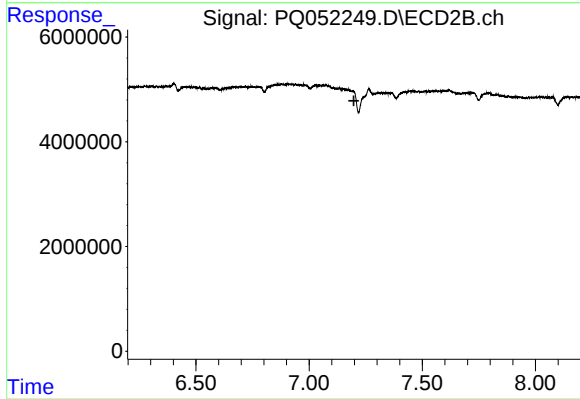
R.T.: 0.000 min
Exp R.T.: 6.960 min
Response: 0
Conc: N.D.



#29 AR-1254-4

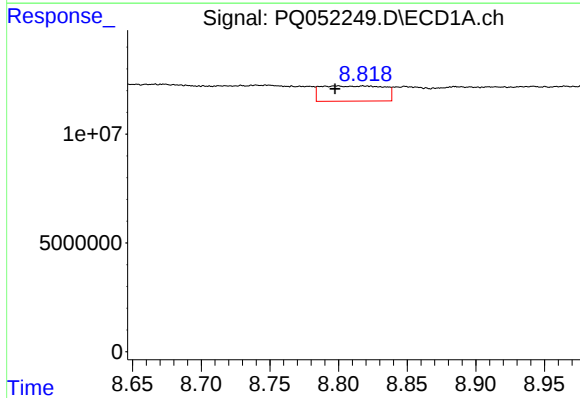
R.T.: 8.348 min
Delta R.T.: -0.021 min
Response: 27859574
Conc: 22.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



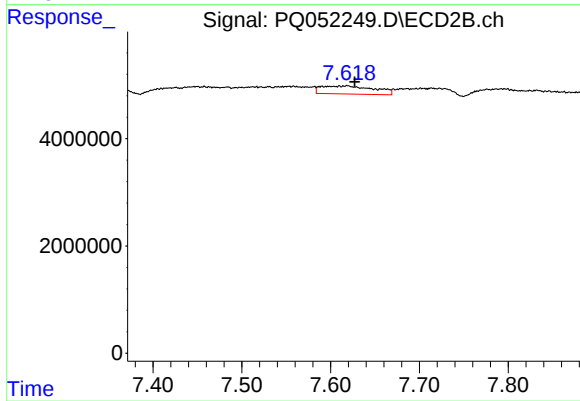
#29 AR-1254-4

R.T.: 7.264 min
Delta R.T.: 0.066 min
Response: -4279494
Conc: N.D.



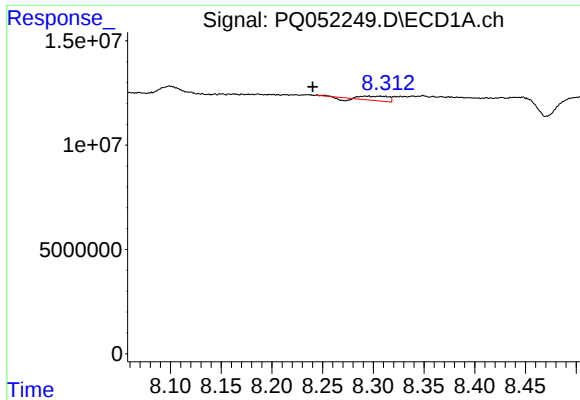
#30 AR-1254-5

R.T.: 8.819 min
Delta R.T.: 0.022 min
Response: 22305384
Conc: 16.60 ng/ml



#30 AR-1254-5

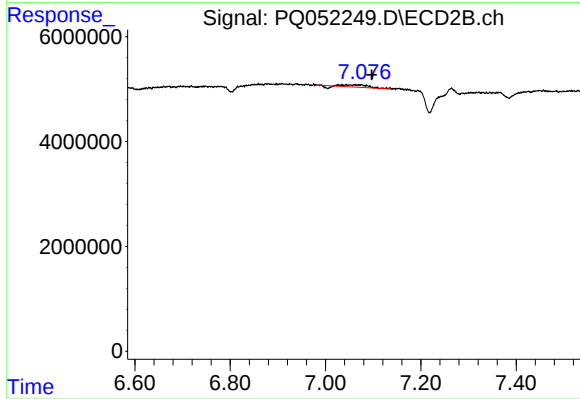
R.T.: 7.618 min
Delta R.T.: -0.009 min
Response: 6267606
Conc: 9.22 ng/ml



#31 AR-1260-1

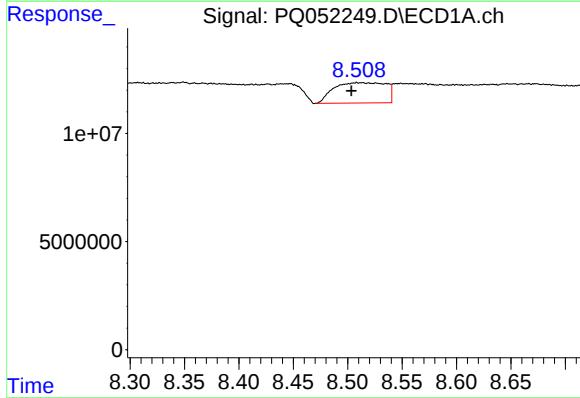
R.T.: 8.307 min
Delta R.T.: 0.067 min
Response: 3485692
Conc: 3.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



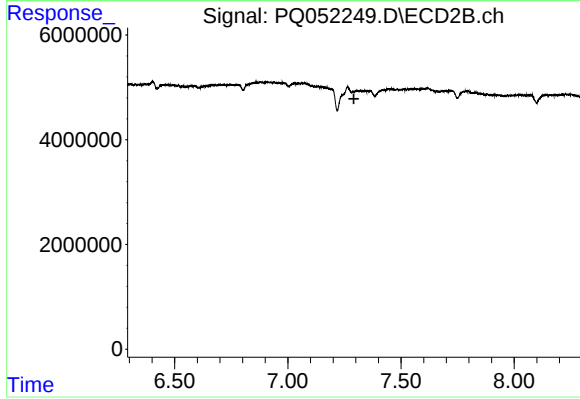
#31 AR-1260-1

R.T.: 7.075 min
Delta R.T.: -0.022 min
Response: 1294157
Conc: 3.16 ng/ml



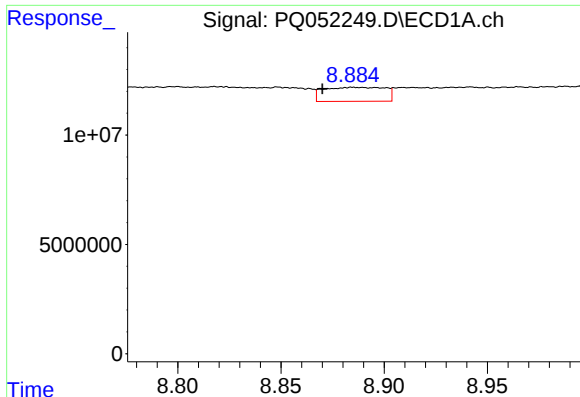
#32 AR-1260-2

R.T.: 8.510 min
Delta R.T.: 0.007 min
Response: 31367414
Conc: 25.54 ng/ml



#32 AR-1260-2

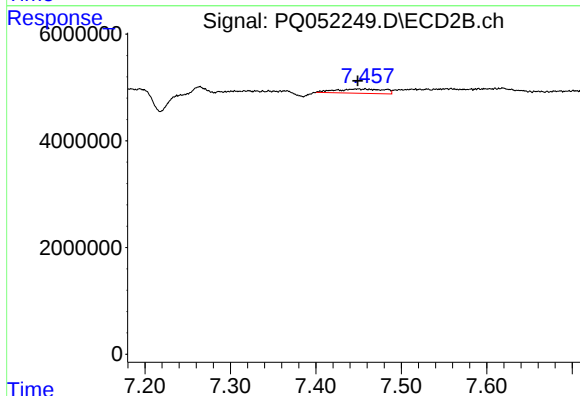
R.T.: 7.264 min
Delta R.T.: -0.028 min
Response: -4279494
Conc: N.D.



#33 AR-1260-3

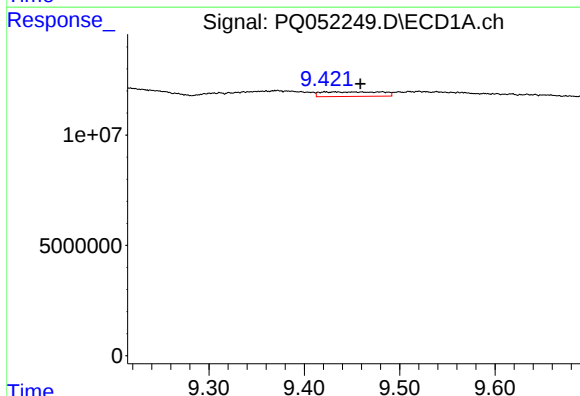
R.T.: 8.886 min
Delta R.T.: 0.016 min
Response: 13337639
Conc: 14.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



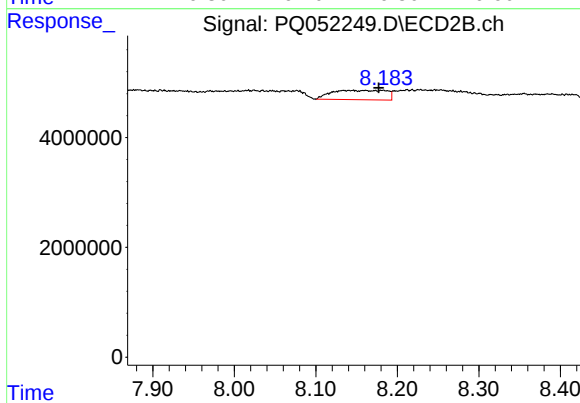
#33 AR-1260-3

R.T.: 7.457 min
Delta R.T.: 0.008 min
Response: 3168103
Conc: 6.63 ng/ml



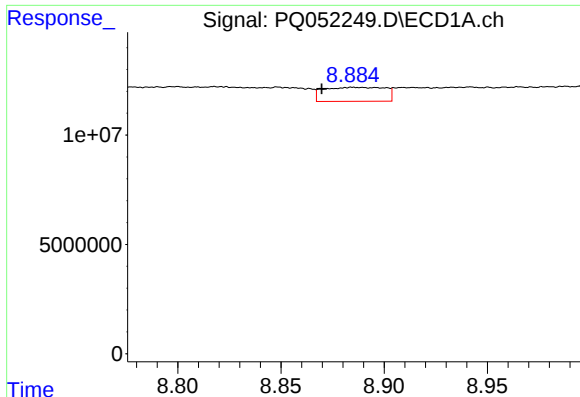
#35 AR-1260-5

R.T.: 9.423 min
Delta R.T.: -0.036 min
Response: 9136709
Conc: 4.03 ng/ml



#35 AR-1260-5

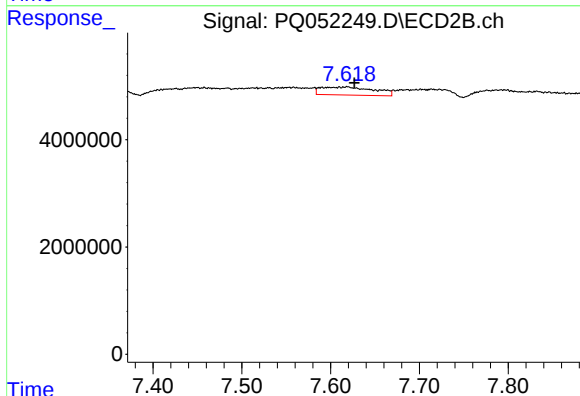
R.T.: 8.182 min
Delta R.T.: 0.005 min
Response: 7922511
Conc: 7.36 ng/ml



#36 AR-1262-1

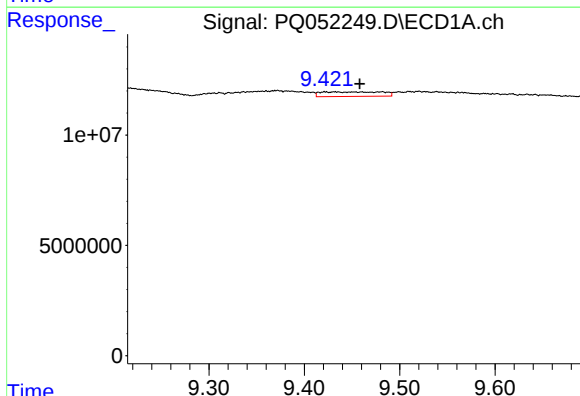
R.T.: 8.886 min
Delta R.T.: 0.016 min
Response: 13337639
Conc: 8.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



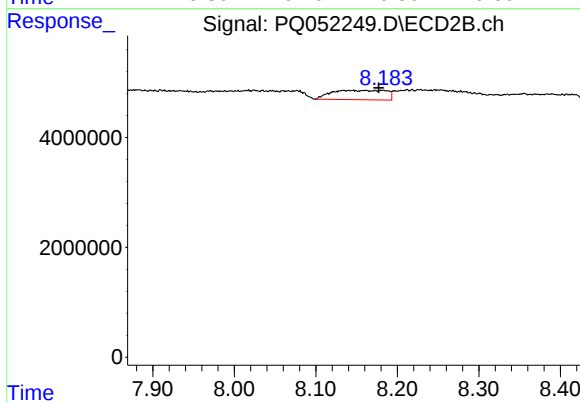
#36 AR-1262-1

R.T.: 7.618 min
Delta R.T.: -0.009 min
Response: 6267606
Conc: 18.15 ng/ml



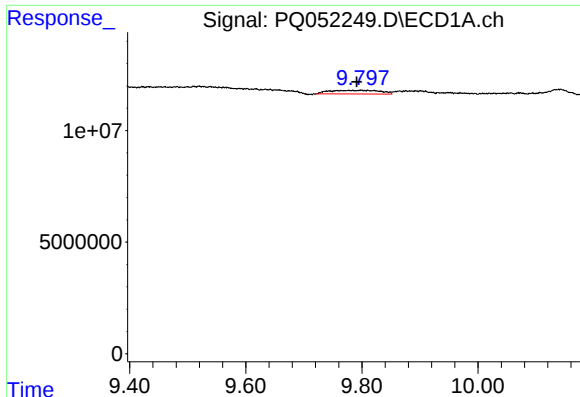
#37 AR-1262-2

R.T.: 9.423 min
Delta R.T.: -0.035 min
Response: 9136709
Conc: 3.05 ng/ml



#37 AR-1262-2

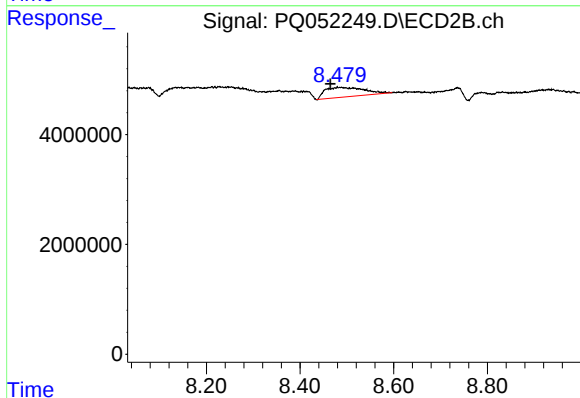
R.T.: 8.182 min
Delta R.T.: 0.005 min
Response: 7922511
Conc: 5.91 ng/ml



#38 AR-1262-3

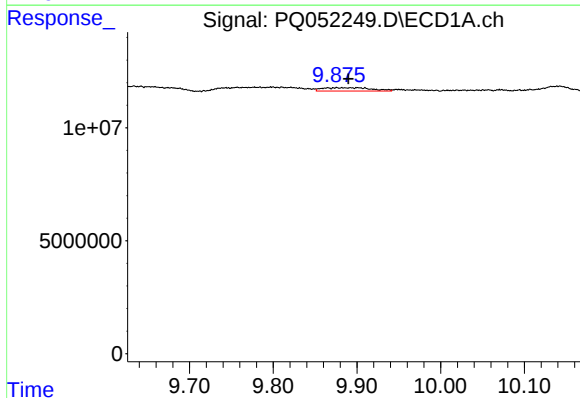
R.T.: 9.759 min
Delta R.T.: -0.032 min
Response: 10008329
Conc: 5.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



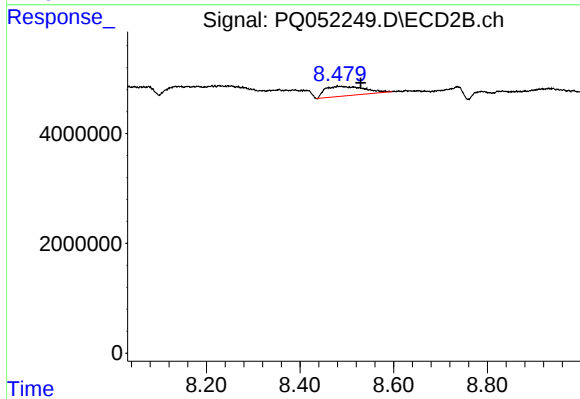
#38 AR-1262-3

R.T.: 8.486 min
Delta R.T.: 0.020 min
Response: 10008613
Conc: 19.14 ng/ml



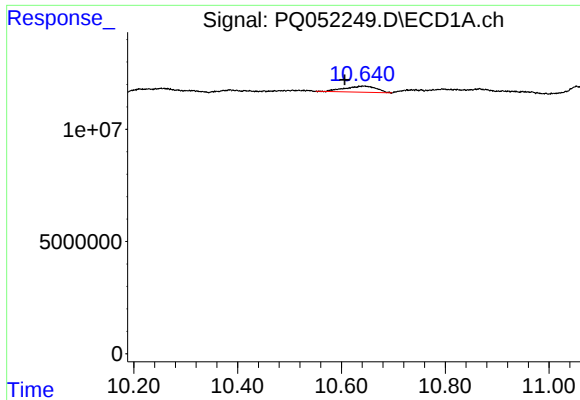
#39 AR-1262-4

R.T.: 9.901 min
Delta R.T.: 0.011 min
Response: 5973158
Conc: 3.93 ng/ml



#39 AR-1262-4

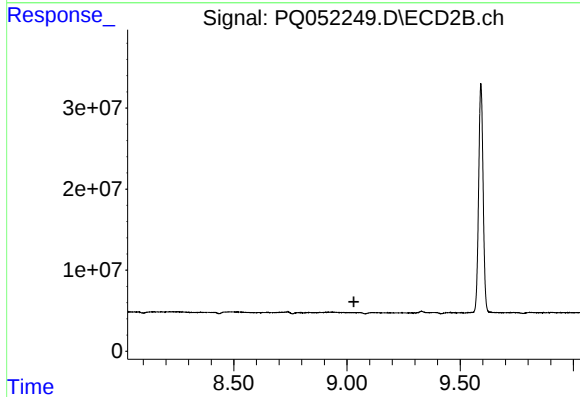
R.T.: 8.486 min
Delta R.T.: -0.044 min
Response: 10008613
Conc: 10.24 ng/ml



#40 AR-1262-5

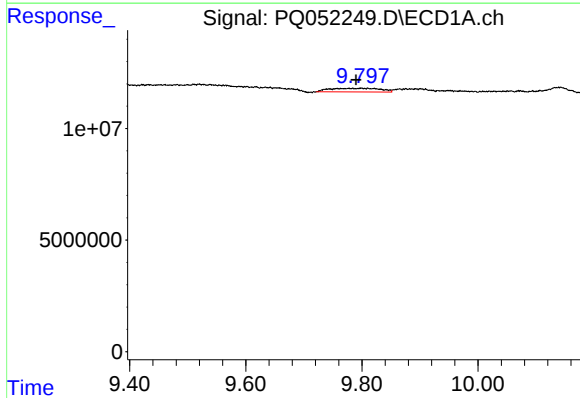
R.T.: 10.643 min
Delta R.T.: 0.037 min
Response: 11527207
Conc: 10.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



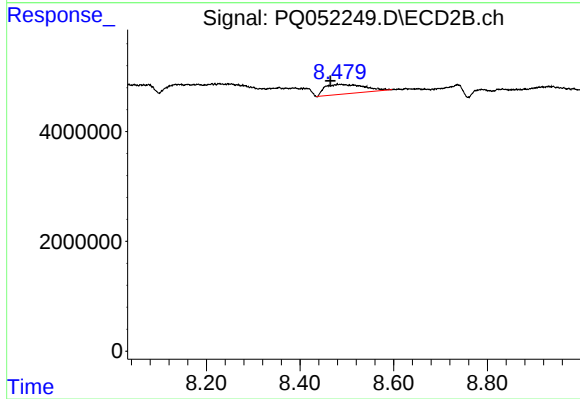
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.031 min
Response: 0
Conc: N.D.



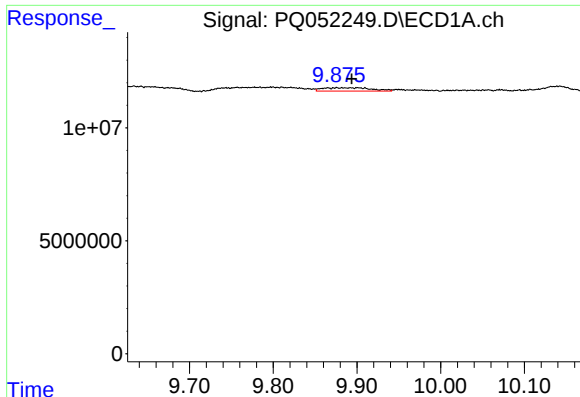
#41 AR-1268-1

R.T.: 9.759 min
Delta R.T.: -0.031 min
Response: 10008329
Conc: 2.85 ng/ml



#41 AR-1268-1

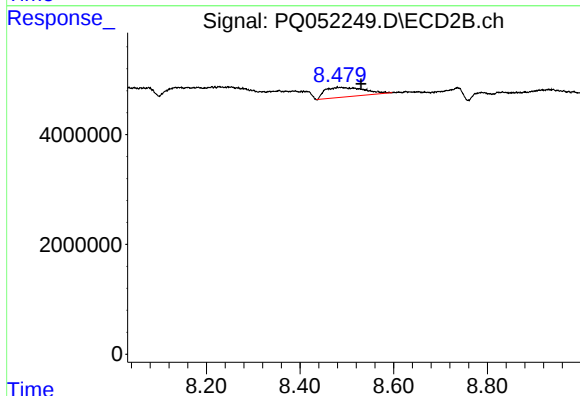
R.T.: 8.486 min
Delta R.T.: 0.020 min
Response: 10008613
Conc: 6.21 ng/ml



#42 AR-1268-2

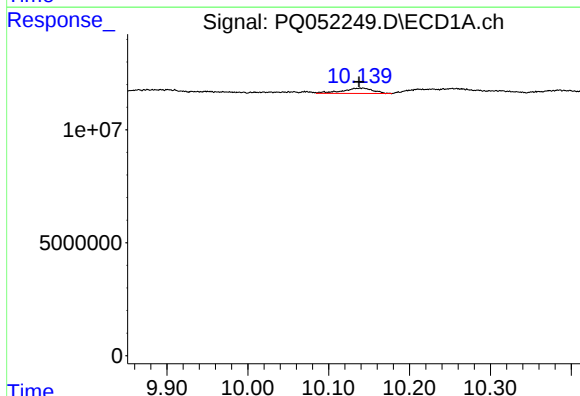
R.T.: 9.901 min
Delta R.T.: 0.007 min
Response: 5973158
Conc: 1.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



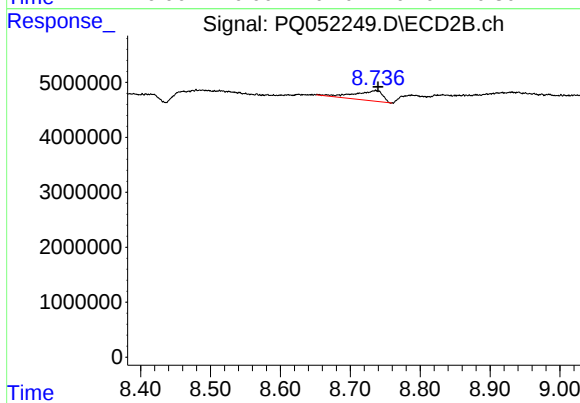
#42 AR-1268-2

R.T.: 8.486 min
Delta R.T.: -0.044 min
Response: 10008613
Conc: 6.71 ng/ml



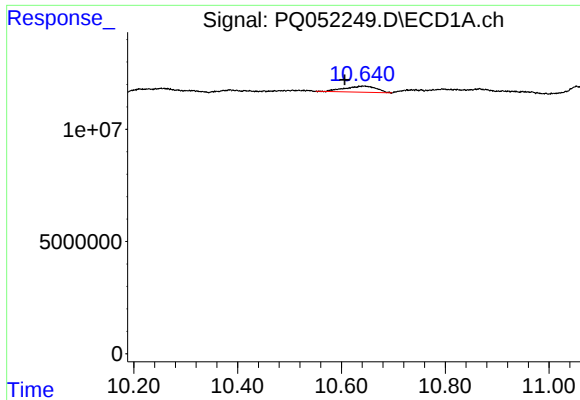
#43 AR-1268-3

R.T.: 10.140 min
Delta R.T.: 0.003 min
Response: 6032201
Conc: 2.17 ng/ml



#43 AR-1268-3

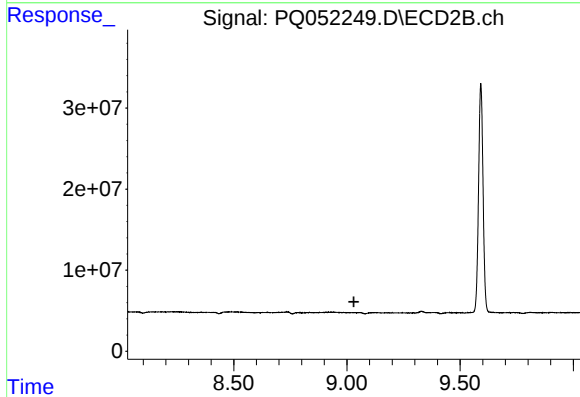
R.T.: 8.736 min
Delta R.T.: -0.003 min
Response: 5195488
Conc: 4.14 ng/ml



#44 AR-1268-4

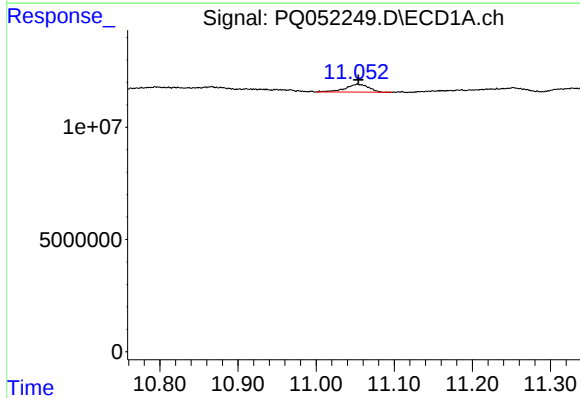
R.T.: 10.643 min
Delta R.T.: 0.037 min
Response: 11527207
Conc: 9.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



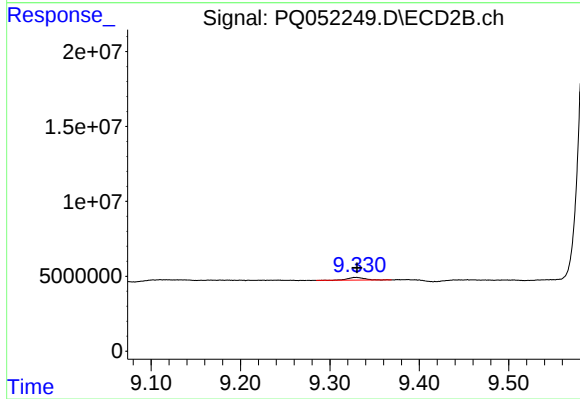
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.031 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.053 min
Delta R.T.: 0.000 min
Response: 7318058
Conc: 0.75 ng/ml



#45 AR-1268-5

R.T.: 9.329 min
Delta R.T.: -0.001 min
Response: 2367266
Conc: 0.59 ng/ml