

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021621\
 Data File : PQ052285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2021 18:22
 Operator : DD\AJ
 Sample : M1379-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 02:07:50 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	433.0E6	164.8E6	17.629	19.648
2)	SA Decachlor...	11.422	9.591	675.4E6	235.2E6	32.956	30.500
Target Compounds							
3)	L1 AR-1016-1	0.000	5.531	0	10922374	N.D.	35.459 #
4)	L1 AR-1016-2	0.000	5.531	0	10922374	N.D.	25.474 #
5)	L1 AR-1016-3	0.000	5.703	0	2266343	N.D.	10.346 #
6)	L1 AR-1016-4	0.000	5.776	0	11794309	N.D.	70.429 #
7)	L1 AR-1016-5	0.000	6.013	0	279.1E6	N.D.	1306.821 #
8)	L2 AR-1221-1	5.453	4.508	66381532	2495909	260.280	27.614 #
9)	L2 AR-1221-2	5.591	4.598	117.7E6	12031820	669.133	190.147 #
10)	L2 AR-1221-3	5.676	4.645f	119.4E6	6421803	202.866	29.781 #
11)	L3 AR-1232-1	5.676	4.645f	119.4E6	6421803	243.070	35.512 #
12)	L3 AR-1232-2	6.253	5.531	160.5E6	10922374	623.641	55.322 #
13)	L3 AR-1232-3	0.000	5.703	0	2266343	N.D.	23.039 #
14)	L3 AR-1232-4	0.000	5.808	0	15113711	N.D.	182.596 #
15)	L3 AR-1232-5	6.846	6.013	1172034	279.1E6	6.344	3136.829 #
16)	L4 AR-1242-1	0.000	5.531	0	10922374	N.D.	41.462 #
17)	L4 AR-1242-2	0.000	5.531	0	10922374	N.D.	29.727 #
18)	L4 AR-1242-3	0.000	5.703	0	2266343	N.D.	11.888 #
19)	L4 AR-1242-4	0.000	5.808	0	15113711	N.D.	85.577 #
20)	L4 AR-1242-5	7.535	0.000	23404192	0	41.485	N.D. #
21)	L5 AR-1248-1	0.000	5.531	0	10922374	N.D.	53.115 #
22)	L5 AR-1248-2	6.846	5.776	1172034	11794309	1.525	43.637 #
23)	L5 AR-1248-3	0.000	5.808	0	15113711	N.D.	54.201 #
24)	L5 AR-1248-4	7.464	6.013	17083920	279.1E6	16.432	838.710 #
25)	L5 AR-1248-5	7.535	0.000	23404192	0	22.847	N.D. #
26)	L6 AR-1254-1	7.464	0.000	17083920	0	17.197	N.D. #
27)	L6 AR-1254-2	7.690	6.532	16674619	7475437	10.788	16.371 #
28)	L6 AR-1254-3	8.071	6.938	53426423	23123072	31.610	30.748
29)	L6 AR-1254-4	8.370	7.196	18355879	4131209	14.634	8.188 #
30)	L6 AR-1254-5	8.799	7.627	36466013	5469869	27.136	8.042 #
31)	L7 AR-1260-1	8.240	7.099	15470864	3640928	15.481	8.890 #
32)	L7 AR-1260-2	8.502	7.290	46829781	15581007	38.127	29.345
33)	L7 AR-1260-3	8.893	7.455	45420352	4592303	49.667	9.609 #
34)	L7 AR-1260-4	9.103	7.907	32246924	7618027	29.930	18.808 #
35)	L7 AR-1260-5	9.457	8.165	8487859	11477135	3.741	10.659 #
36)	L8 AR-1262-1	8.893	7.627	45420352	5469869	28.848	15.840 #
37)	L8 AR-1262-2	9.457	8.165	8487859	11477135	2.833	8.558 #
38)	L8 AR-1262-3	9.755f	8.472	7013242	4265897	3.523	8.159 #
39)	L8 AR-1262-4	9.894	8.529	6567725	5056466	4.316	5.175
41)	L9 AR-1268-1	9.755	8.472	7013242	4265897	1.995	2.649 #
42)	L9 AR-1268-2	9.894	8.529	6567725	5056466	2.000	3.392 #

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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	0.000	8.735	0	2130653	N.D.	1.699 #
45) L9	AR-1268-5	11.055	9.330	16501145	1721563	1.689	0.428 #

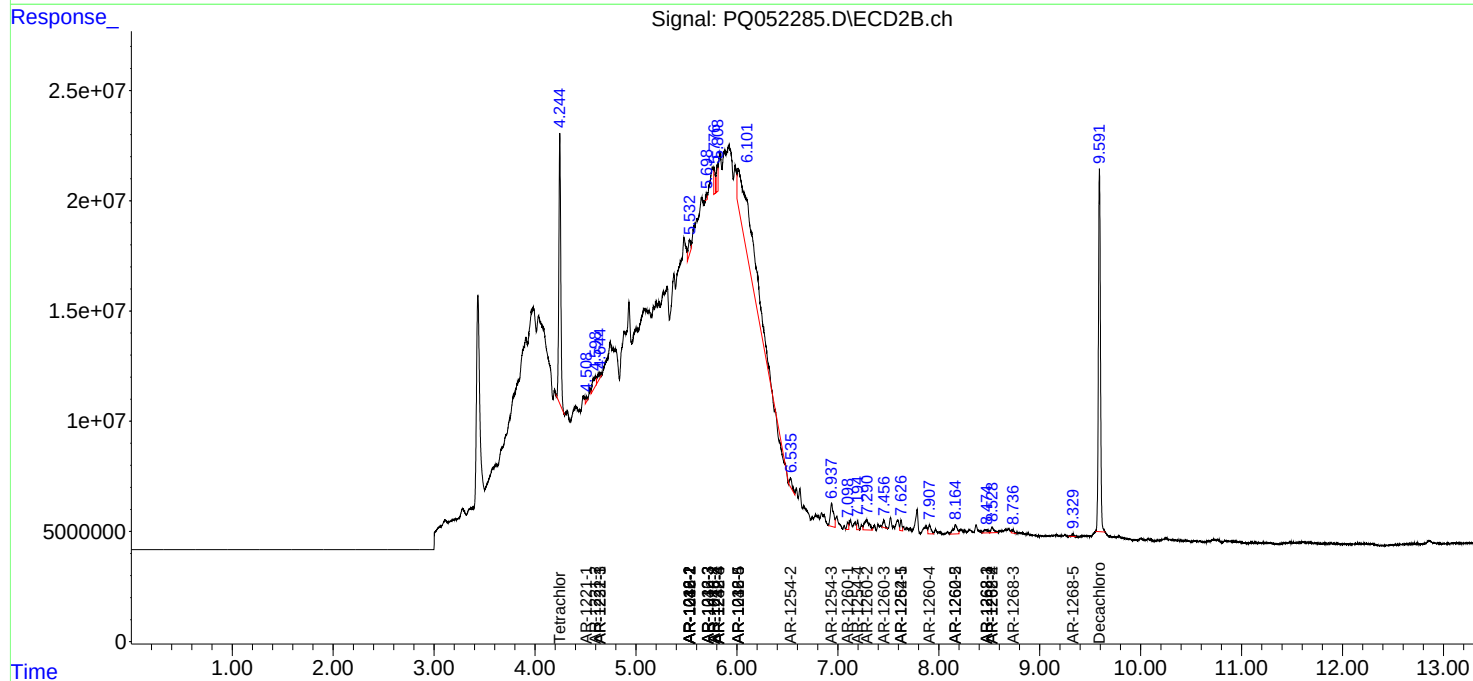
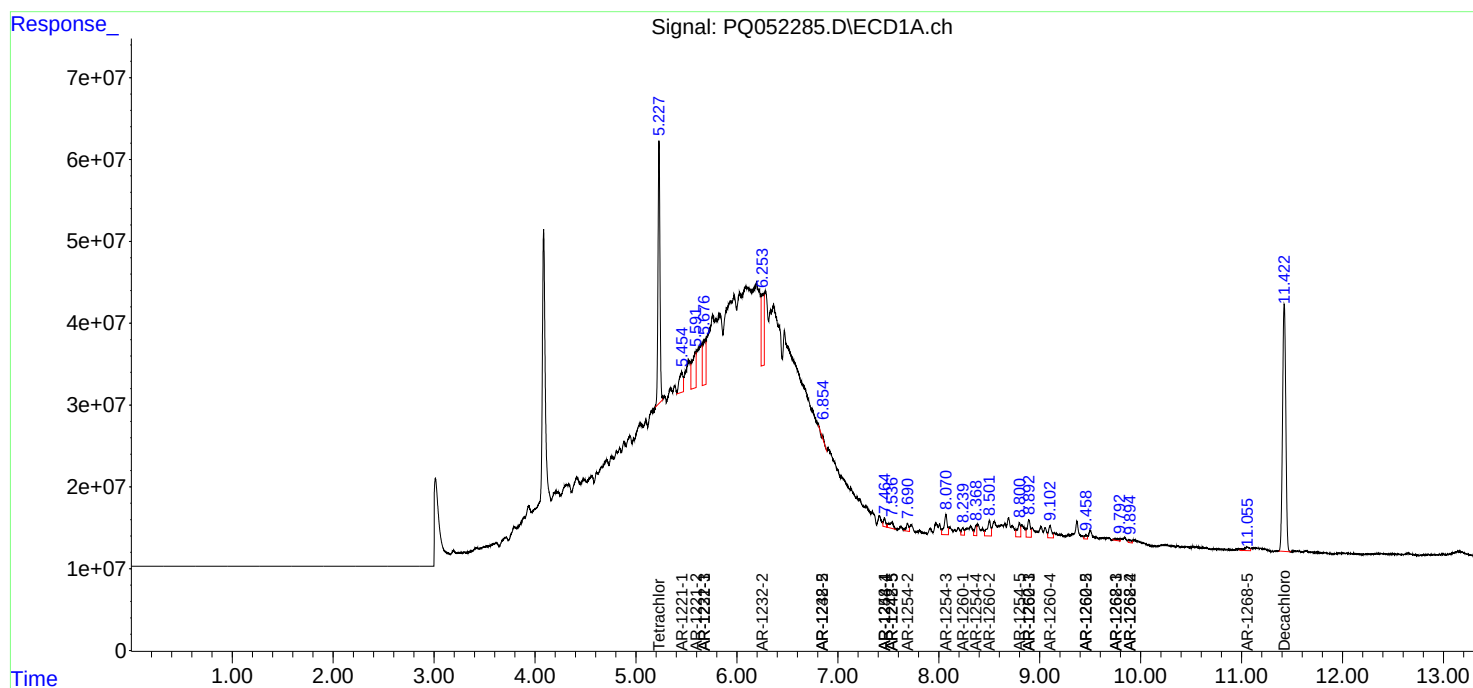
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

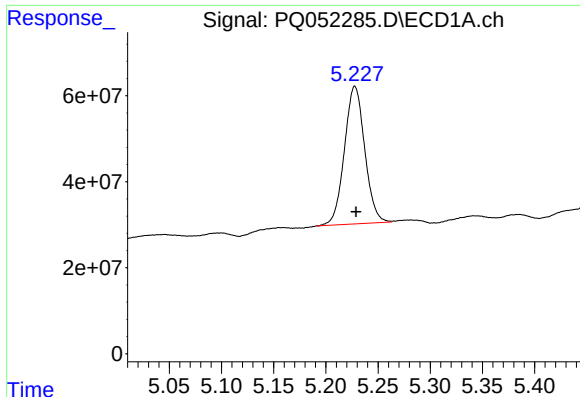
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021621\
Data File : PQ052285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2021 18:22
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Volume Inj. : 1 µl
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

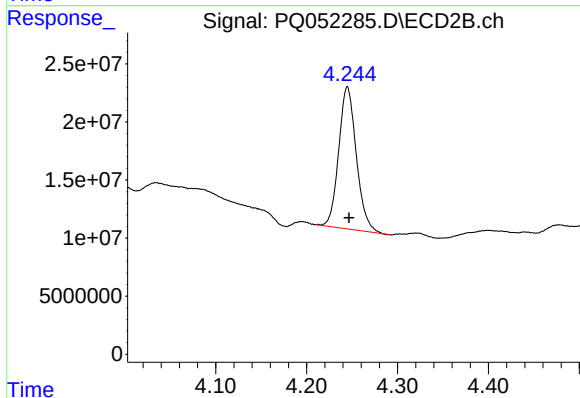




#1 Tetrachloro-m-xylene

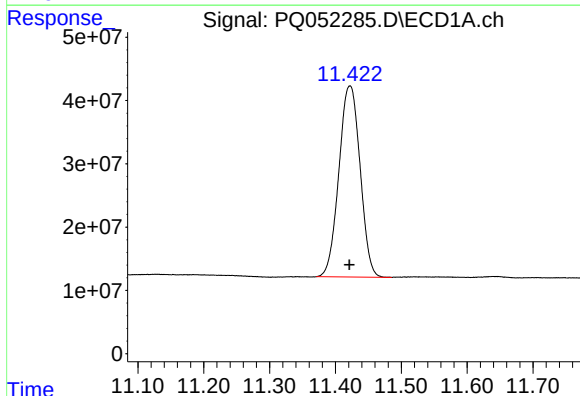
R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 432950559
Conc: 17.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



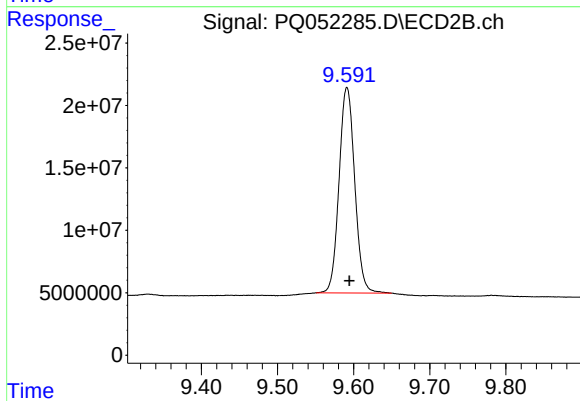
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.002 min
Response: 164811772
Conc: 19.65 ng/ml



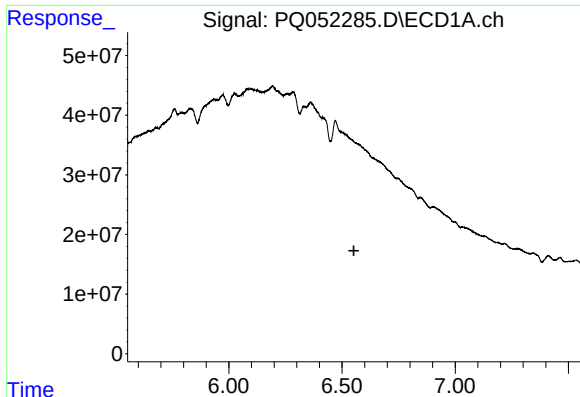
#2 Decachlorobiphenyl

R.T.: 11.422 min
Delta R.T.: 0.001 min
Response: 675427791
Conc: 32.96 ng/ml



#2 Decachlorobiphenyl

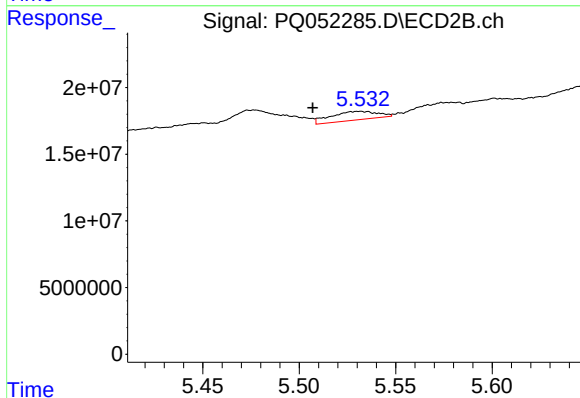
R.T.: 9.591 min
Delta R.T.: -0.003 min
Response: 235239217
Conc: 30.50 ng/ml



#3 AR-1016-1

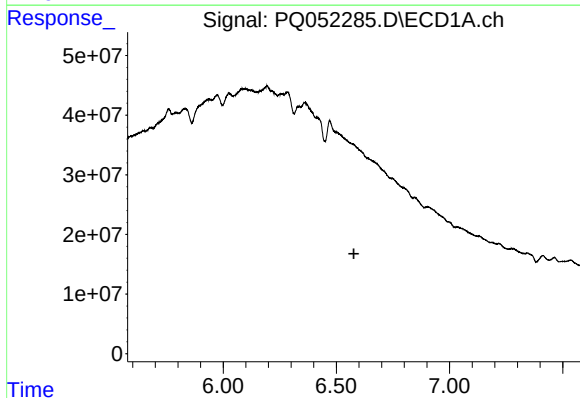
R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



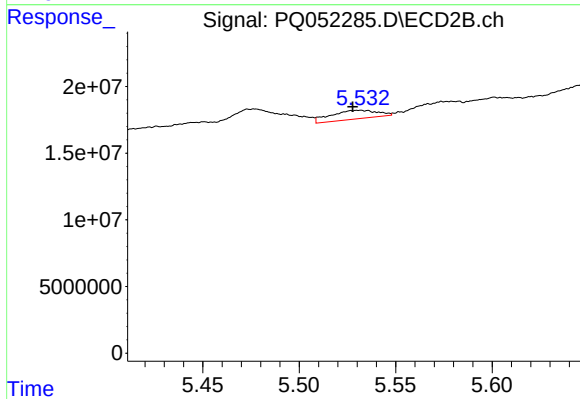
#3 AR-1016-1

R.T.: 5.531 min
Delta R.T.: 0.024 min
Response: 10922374
Conc: 35.46 ng/ml



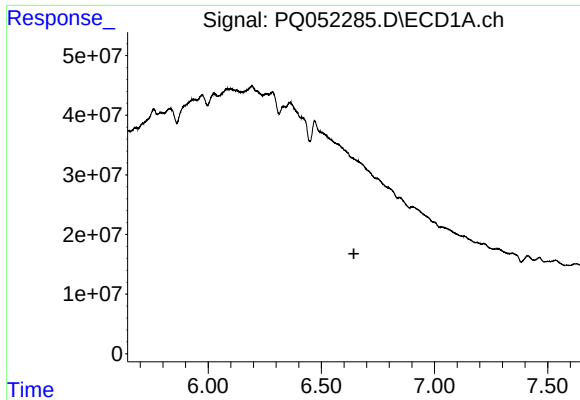
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.578 min
Response: 0
Conc: N.D.



#4 AR-1016-2

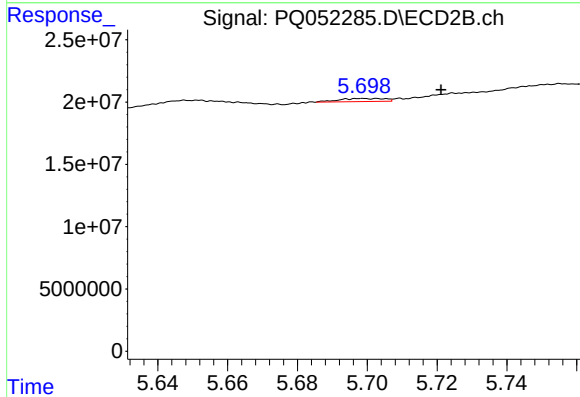
R.T.: 5.531 min
Delta R.T.: 0.003 min
Response: 10922374
Conc: 25.47 ng/ml



#5 AR-1016-3

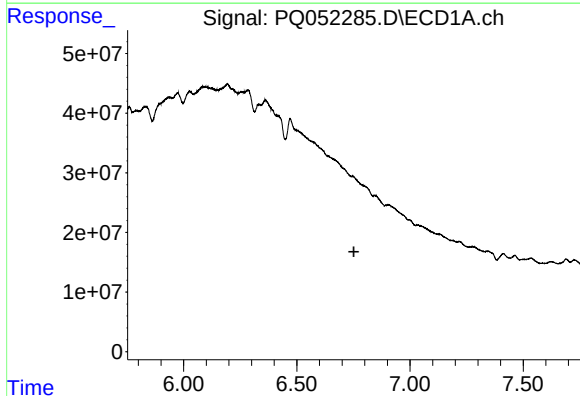
R.T.: 0.000 min
Exp R.T.: 6.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



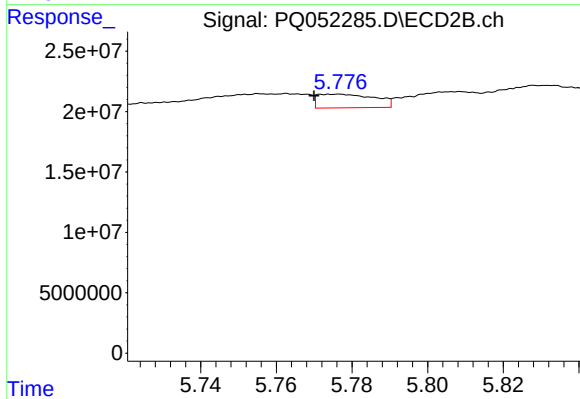
#5 AR-1016-3

R.T.: 5.703 min
Delta R.T.: -0.018 min
Response: 2266343
Conc: 10.35 ng/ml



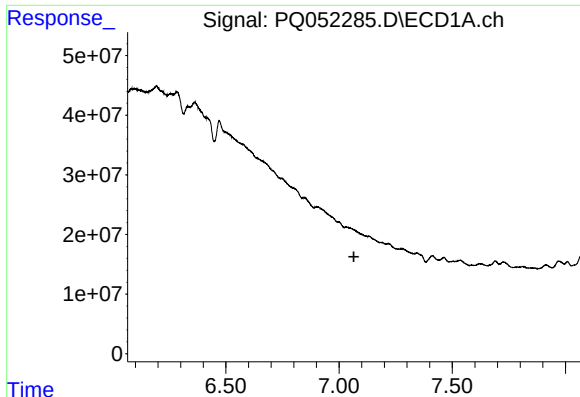
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.752 min
Response: 0
Conc: N.D.



#6 AR-1016-4

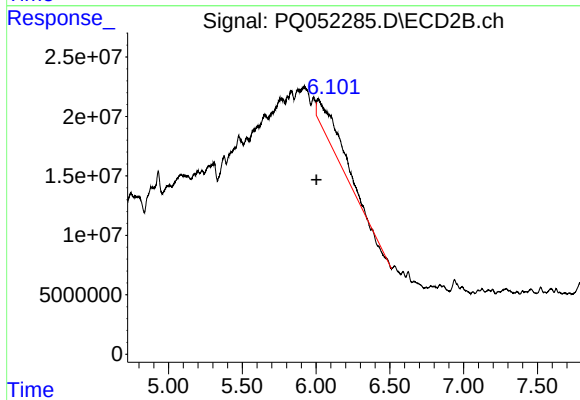
R.T.: 5.776 min
Delta R.T.: 0.006 min
Response: 11794309
Conc: 70.43 ng/ml



#7 AR-1016-5

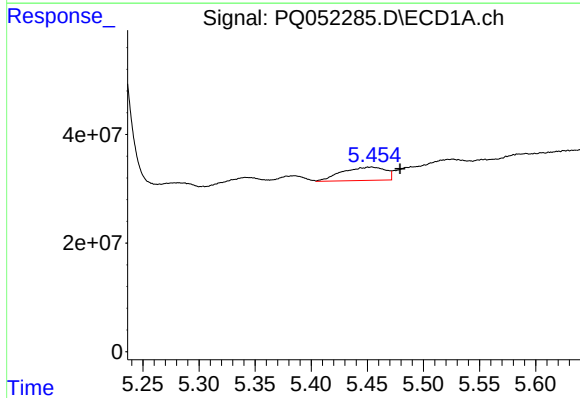
R.T.: 0.000 min
Exp R.T.: 7.065 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



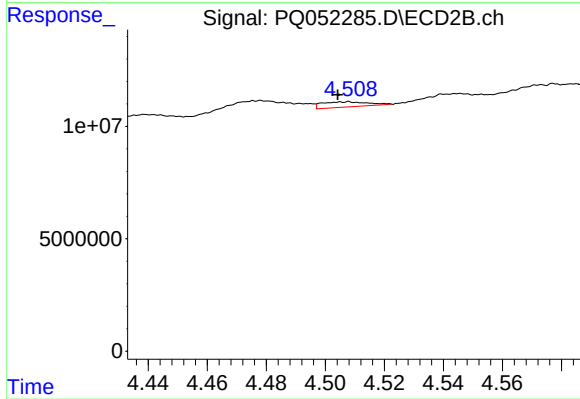
#7 AR-1016-5

R.T.: 6.013 min
Delta R.T.: 0.012 min
Response: 279078675
Conc: 1306.82 ng/ml



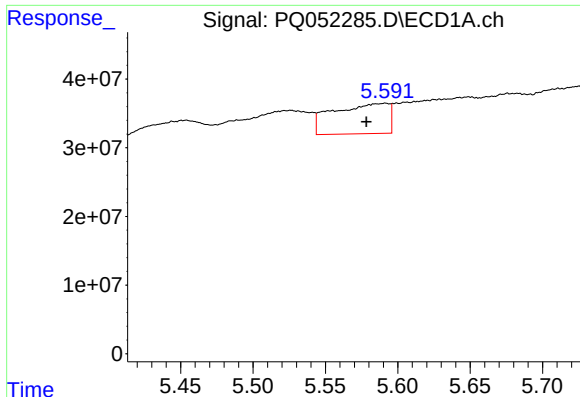
#8 AR-1221-1

R.T.: 5.453 min
Delta R.T.: -0.026 min
Response: 66381532
Conc: 260.28 ng/ml



#8 AR-1221-1

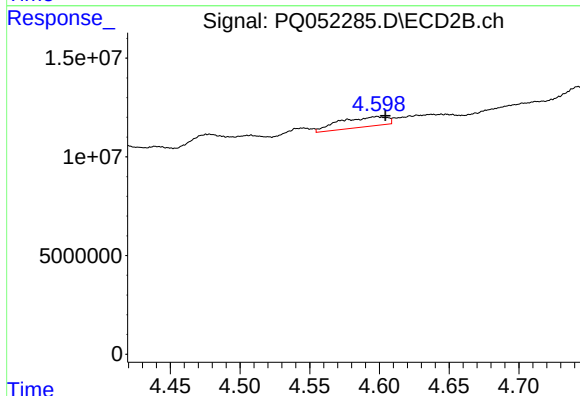
R.T.: 4.508 min
Delta R.T.: 0.003 min
Response: 2495909
Conc: 27.61 ng/ml



#9 AR-1221-2

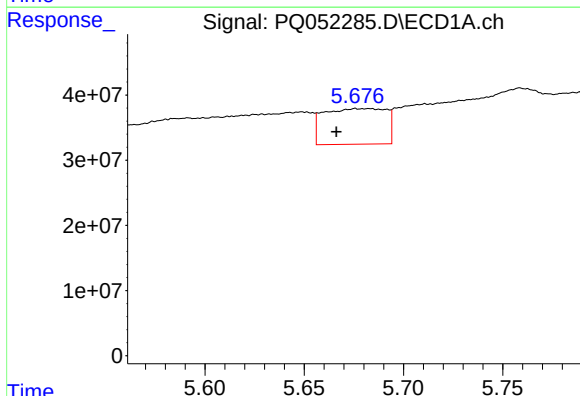
R.T.: 5.591 min
Delta R.T.: 0.013 min
Response: 117695745
Conc: 669.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



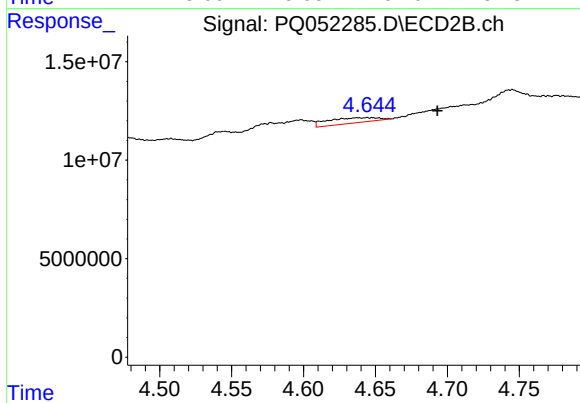
#9 AR-1221-2

R.T.: 4.598 min
Delta R.T.: -0.006 min
Response: 12031820
Conc: 190.15 ng/ml



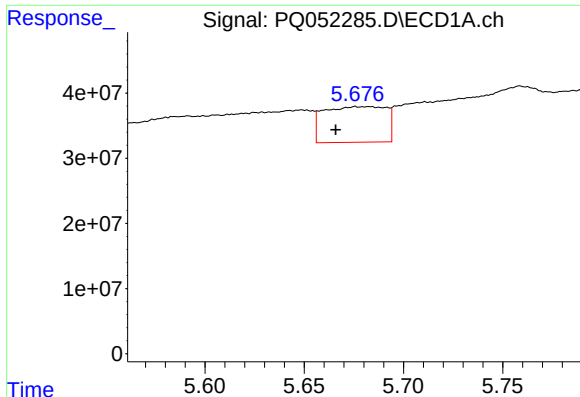
#10 AR-1221-3

R.T.: 5.676 min
Delta R.T.: 0.010 min
Response: 119447017
Conc: 202.87 ng/ml



#10 AR-1221-3

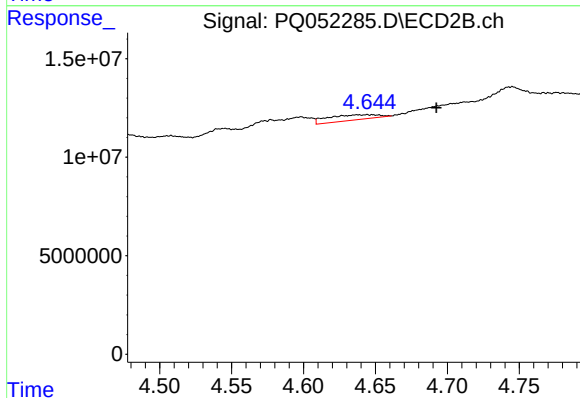
R.T.: 4.645 min
Delta R.T.: -0.048 min
Response: 6421803
Conc: 29.78 ng/ml



#11 AR-1232-1

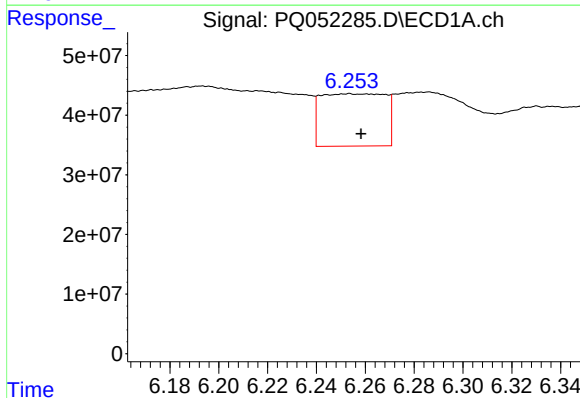
R.T.: 5.676 min
Delta R.T.: 0.010 min
Response: 119447017
Conc: 243.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



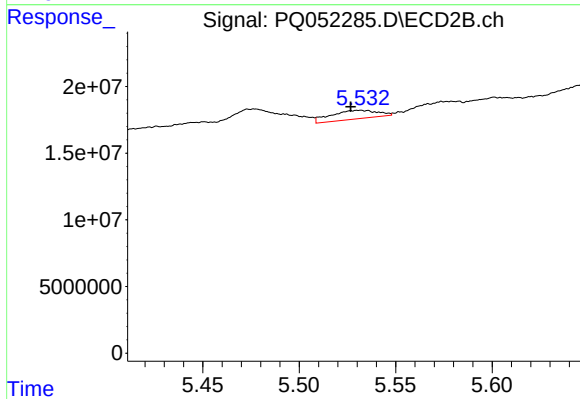
#11 AR-1232-1

R.T.: 4.645 min
Delta R.T.: -0.048 min
Response: 6421803
Conc: 35.51 ng/ml



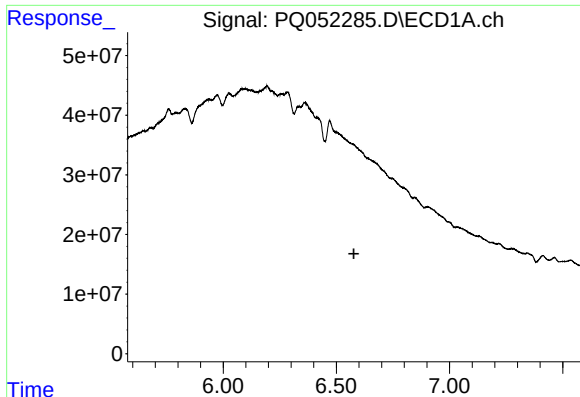
#12 AR-1232-2

R.T.: 6.253 min
Delta R.T.: -0.005 min
Response: 160507084
Conc: 623.64 ng/ml



#12 AR-1232-2

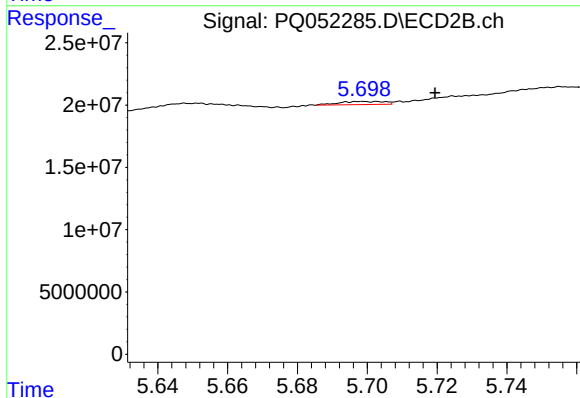
R.T.: 5.531 min
Delta R.T.: 0.004 min
Response: 10922374
Conc: 55.32 ng/ml



#13 AR-1232-3

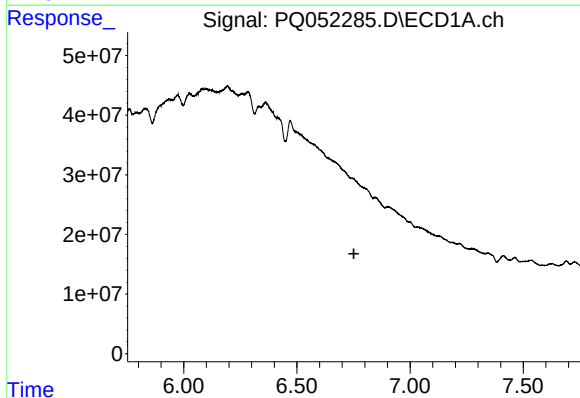
R.T.: 0.000 min
Exp R.T.: 6.577 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



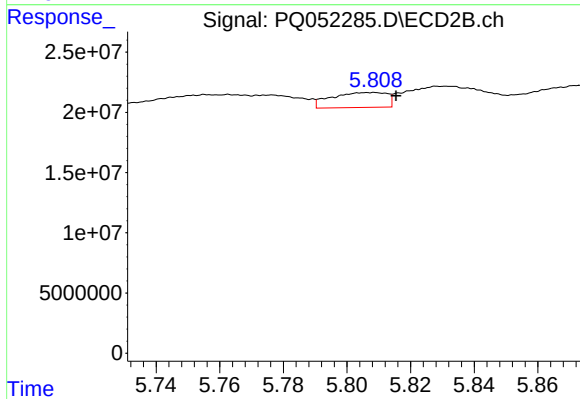
#13 AR-1232-3

R.T.: 5.703 min
Delta R.T.: -0.017 min
Response: 2266343
Conc: 23.04 ng/ml



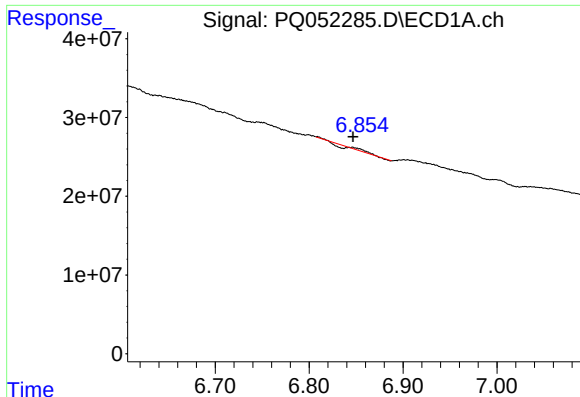
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.752 min
Response: 0
Conc: N.D.



#14 AR-1232-4

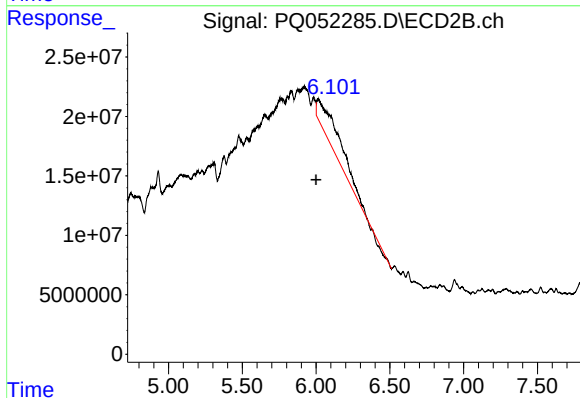
R.T.: 5.808 min
Delta R.T.: -0.007 min
Response: 15113711
Conc: 182.60 ng/ml



#15 AR-1232-5

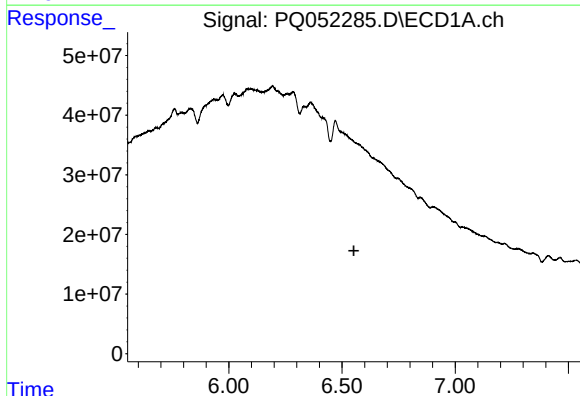
R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 1172034
Conc: 6.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



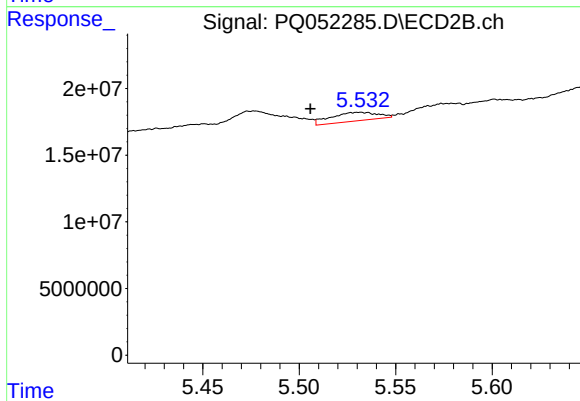
#15 AR-1232-5

R.T.: 6.013 min
Delta R.T.: 0.013 min
Response: 279078675
Conc: 3136.83 ng/ml



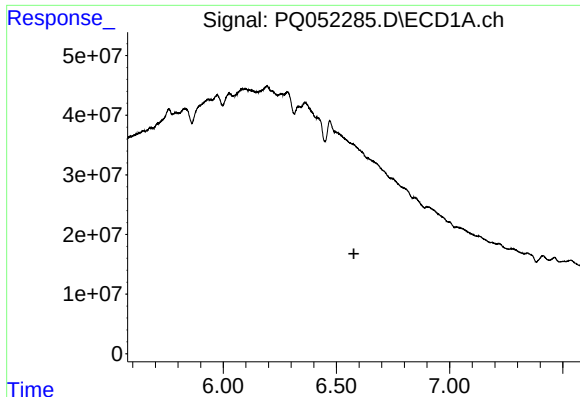
#16 AR-1242-1

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



#16 AR-1242-1

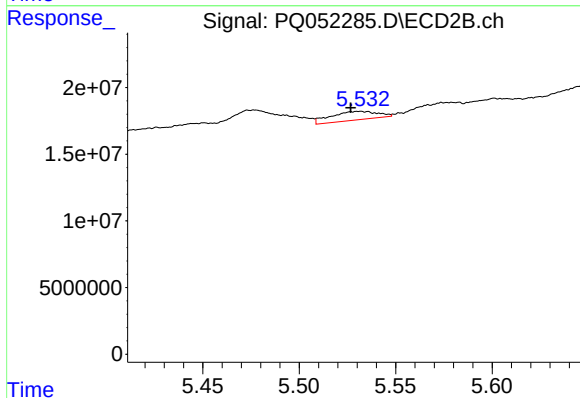
R.T.: 5.531 min
Delta R.T.: 0.025 min
Response: 10922374
Conc: 41.46 ng/ml



#17 AR-1242-2

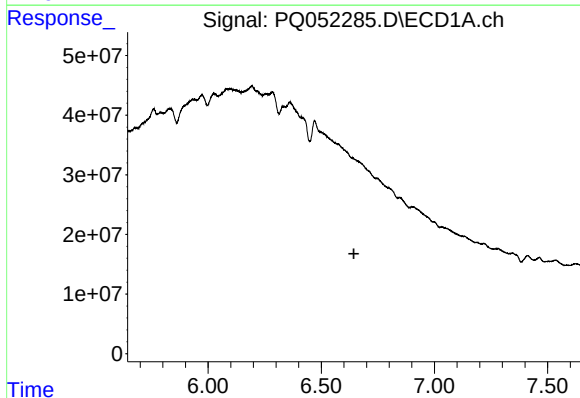
R.T.: 0.000 min
Exp R.T.: 6.577 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



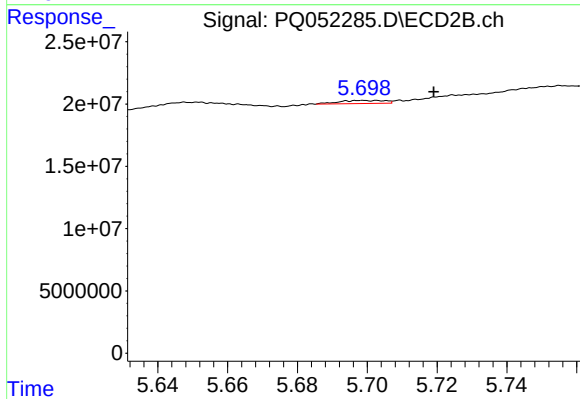
#17 AR-1242-2

R.T.: 5.531 min
Delta R.T.: 0.004 min
Response: 10922374
Conc: 29.73 ng/ml



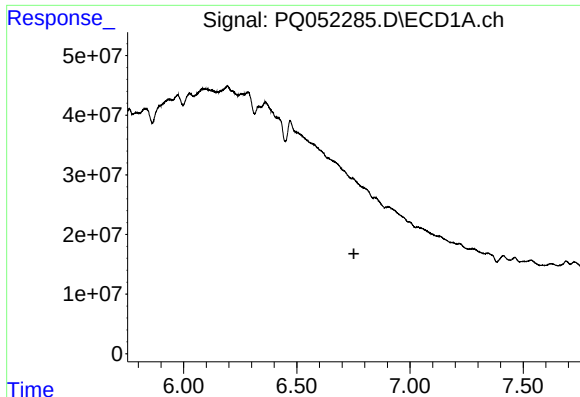
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.644 min
Response: 0
Conc: N.D.



#18 AR-1242-3

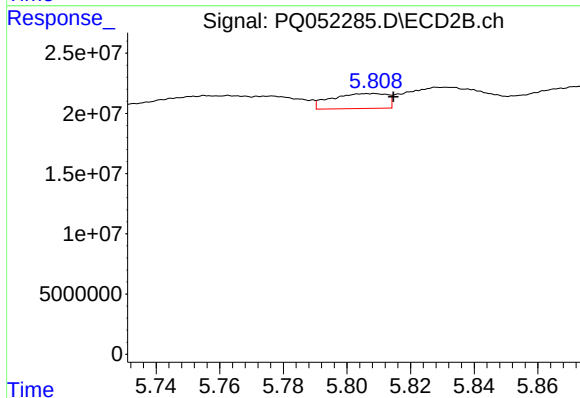
R.T.: 5.703 min
Delta R.T.: -0.016 min
Response: 2266343
Conc: 11.89 ng/ml



#19 AR-1242-4

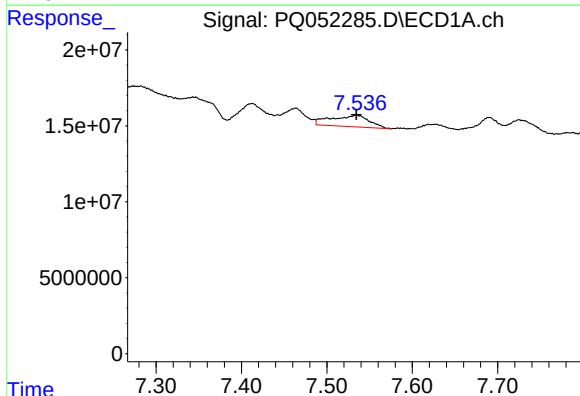
R.T.: 0.000 min
Exp R.T.: 6.752 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



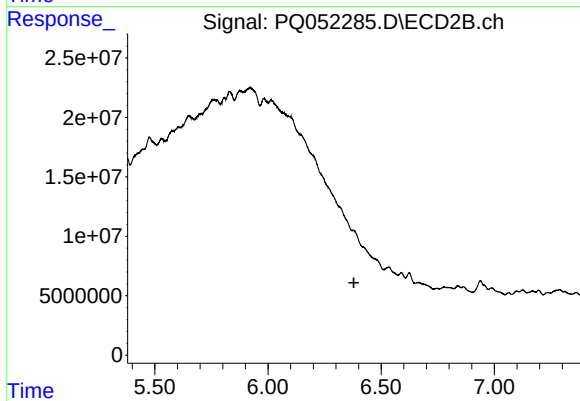
#19 AR-1242-4

R.T.: 5.808 min
Delta R.T.: -0.006 min
Response: 15113711
Conc: 85.58 ng/ml



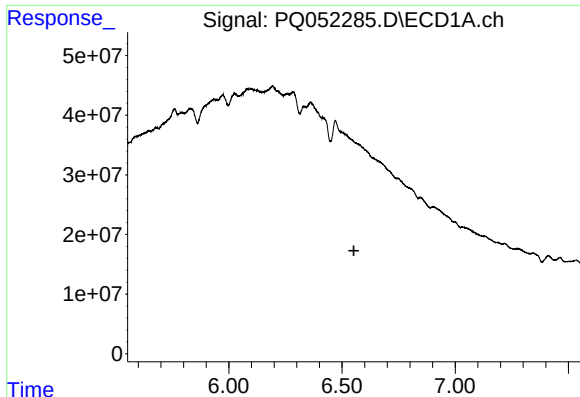
#20 AR-1242-5

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 23404192
Conc: 41.48 ng/ml



#20 AR-1242-5

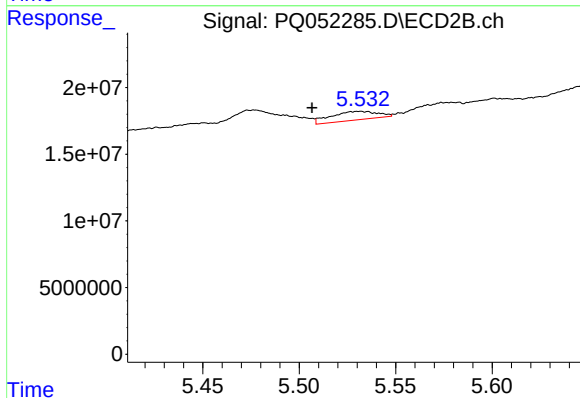
R.T.: 0.000 min
Exp R.T.: 6.379 min
Response: 0
Conc: N.D.



#21 AR-1248-1

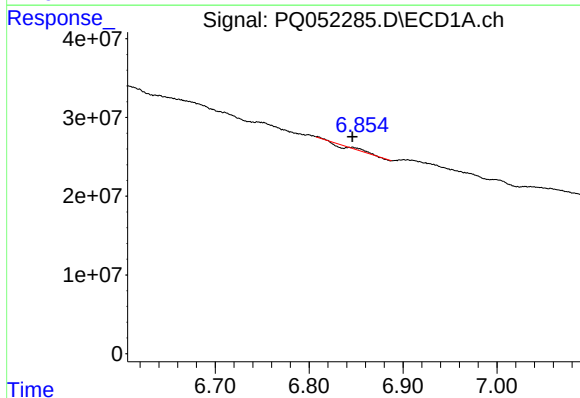
R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



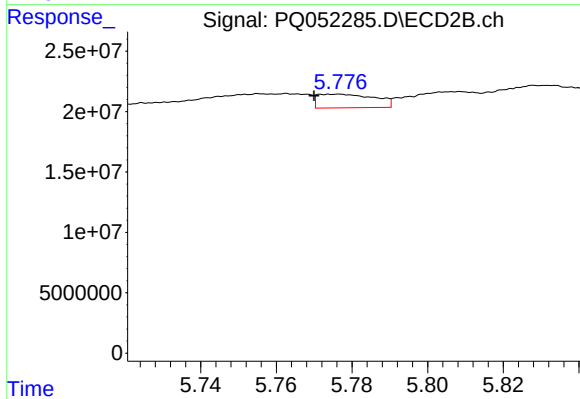
#21 AR-1248-1

R.T.: 5.531 min
Delta R.T.: 0.024 min
Response: 10922374
Conc: 53.11 ng/ml



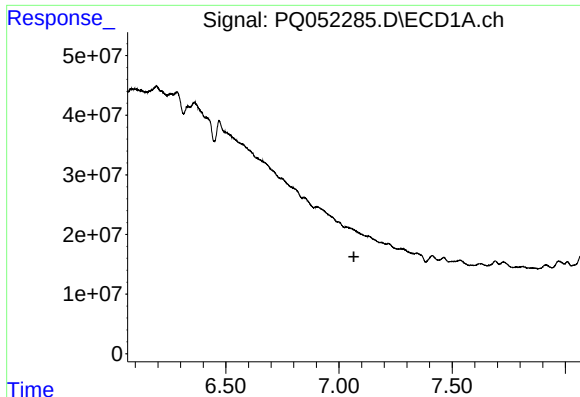
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 1172034
Conc: 1.52 ng/ml



#22 AR-1248-2

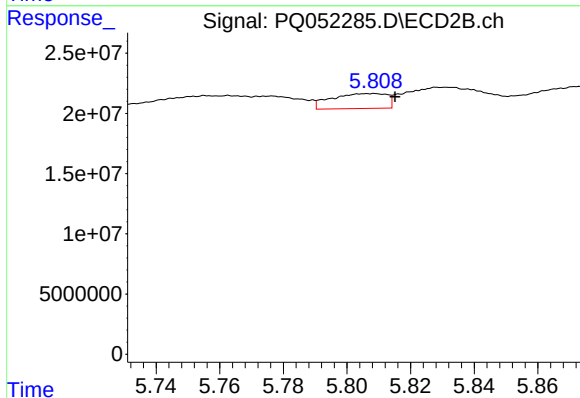
R.T.: 5.776 min
Delta R.T.: 0.006 min
Response: 11794309
Conc: 43.64 ng/ml



#23 AR-1248-3

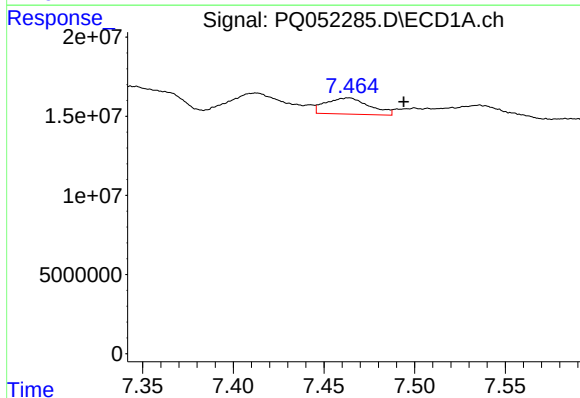
R.T.: 0.000 min
Exp R.T.: 7.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



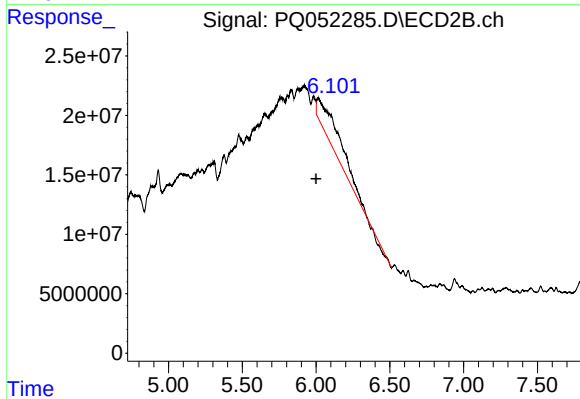
#23 AR-1248-3

R.T.: 5.808 min
Delta R.T.: -0.007 min
Response: 15113711
Conc: 54.20 ng/ml



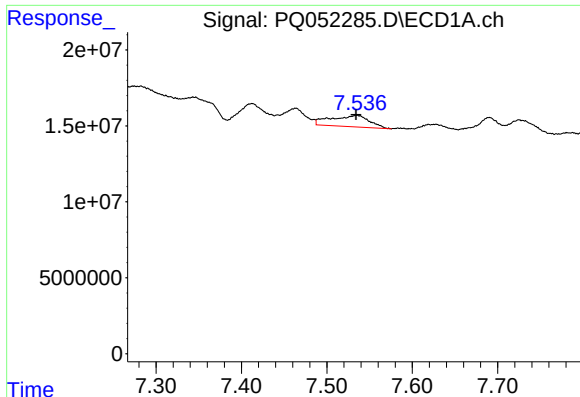
#24 AR-1248-4

R.T.: 7.464 min
Delta R.T.: -0.030 min
Response: 17083920
Conc: 16.43 ng/ml



#24 AR-1248-4

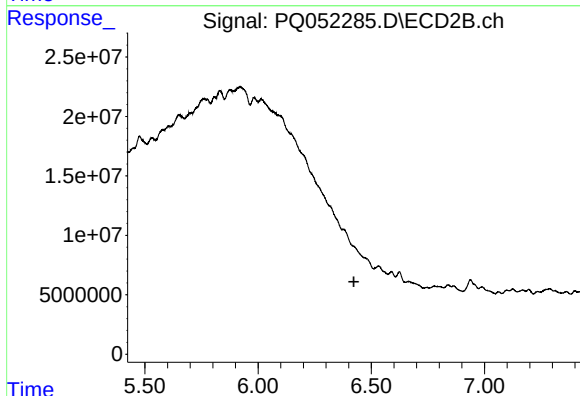
R.T.: 6.013 min
Delta R.T.: 0.013 min
Response: 279078675
Conc: 838.71 ng/ml



#25 AR-1248-5

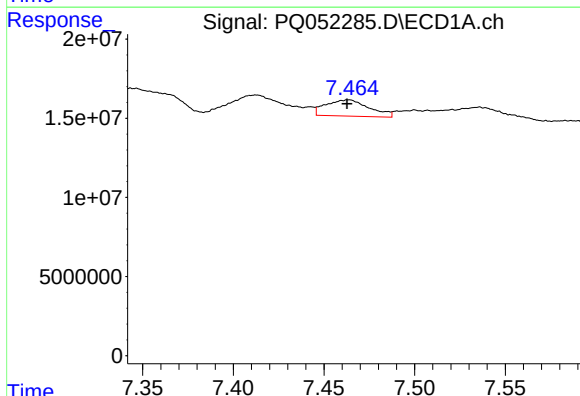
R.T.: 7.535 min
Delta R.T.: 0.001 min
Response: 23404192
Conc: 22.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



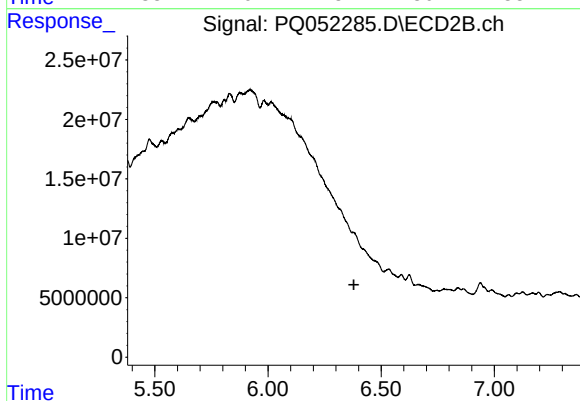
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.423 min
Response: 0
Conc: N.D.



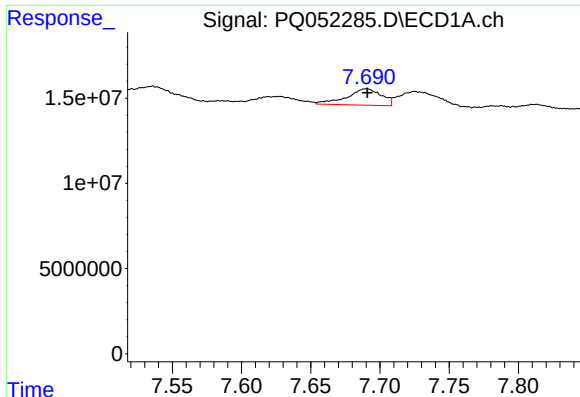
#26 AR-1254-1

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 17083920
Conc: 17.20 ng/ml



#26 AR-1254-1

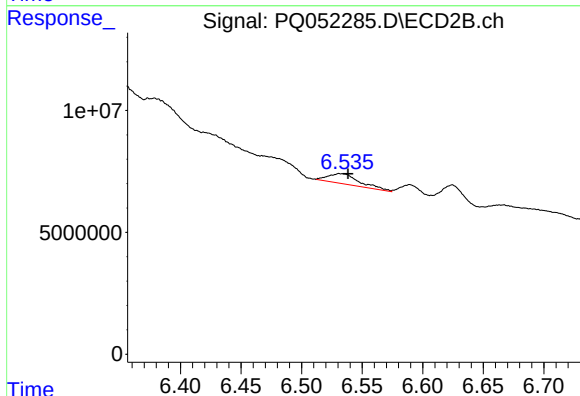
R.T.: 0.000 min
Exp R.T. : 6.379 min
Response: 0
Conc: N.D.



#27 AR-1254-2

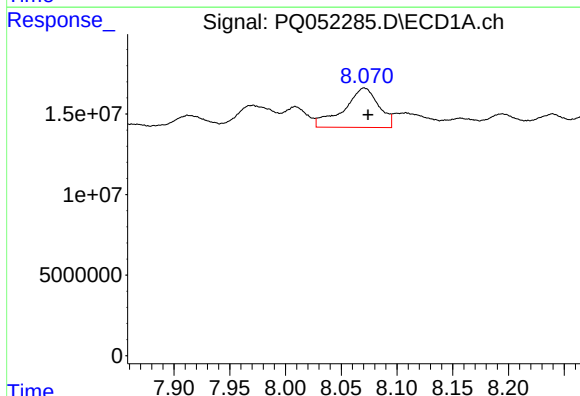
R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 16674619
Conc: 10.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



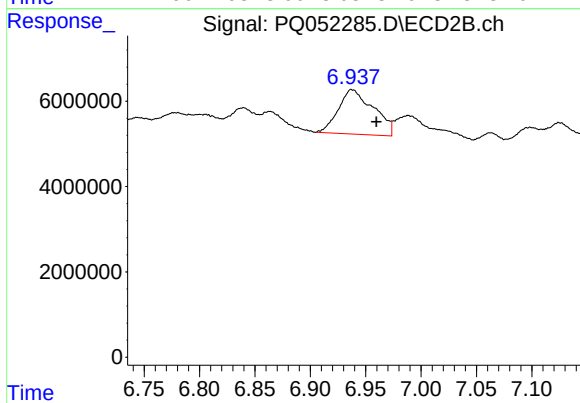
#27 AR-1254-2

R.T.: 6.532 min
Delta R.T.: -0.006 min
Response: 7475437
Conc: 16.37 ng/ml



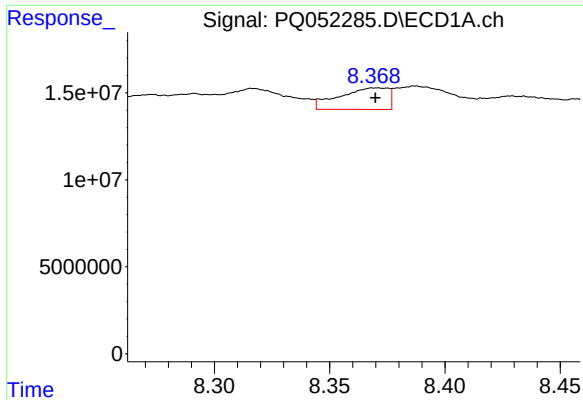
#28 AR-1254-3

R.T.: 8.071 min
Delta R.T.: -0.003 min
Response: 53426423
Conc: 31.61 ng/ml



#28 AR-1254-3

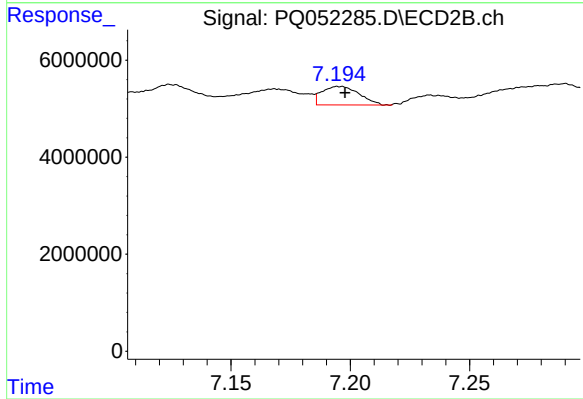
R.T.: 6.938 min
Delta R.T.: -0.022 min
Response: 23123072
Conc: 30.75 ng/ml



#29 AR-1254-4

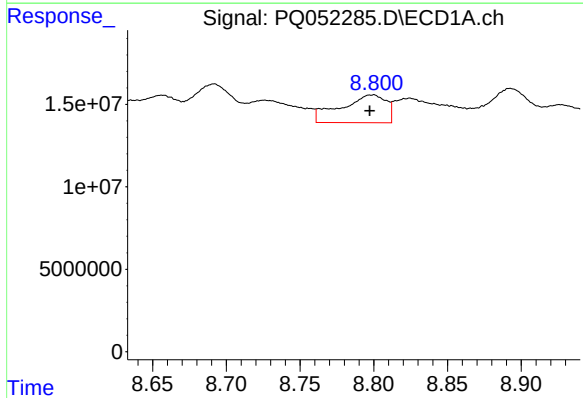
R.T.: 8.370 min
Delta R.T.: 0.000 min
Response: 18355879
Conc: 14.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



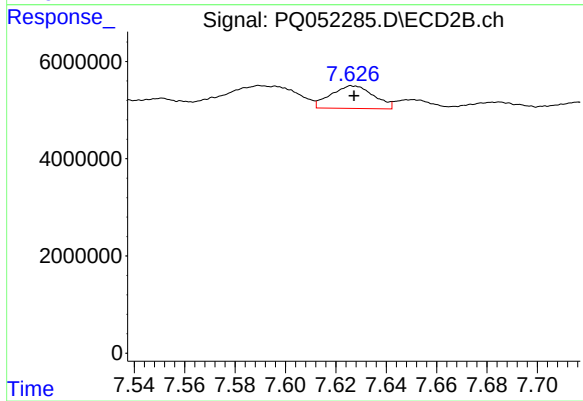
#29 AR-1254-4

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 4131209
Conc: 8.19 ng/ml



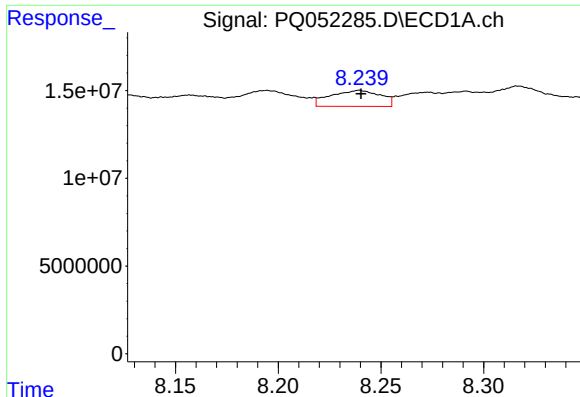
#30 AR-1254-5

R.T.: 8.799 min
Delta R.T.: 0.002 min
Response: 36466013
Conc: 27.14 ng/ml



#30 AR-1254-5

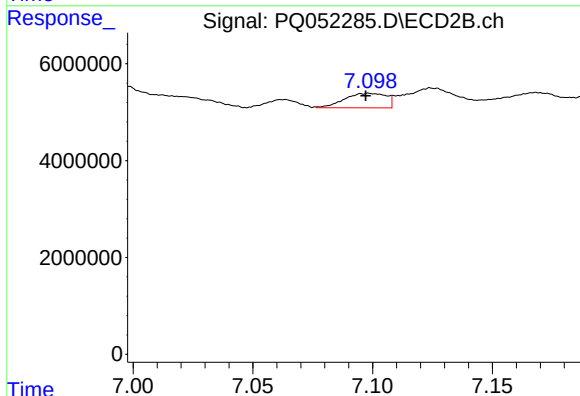
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 5469869
Conc: 8.04 ng/ml



#31 AR-1260-1

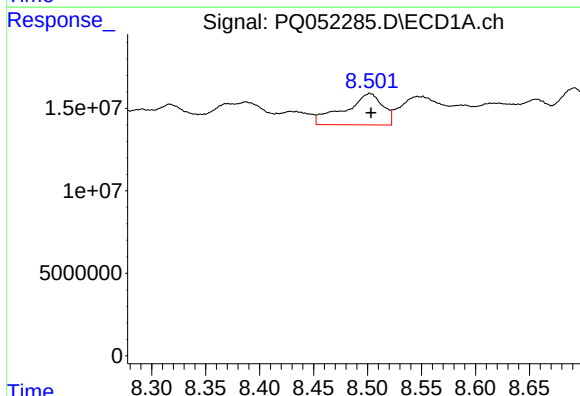
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 15470864
Conc: 15.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



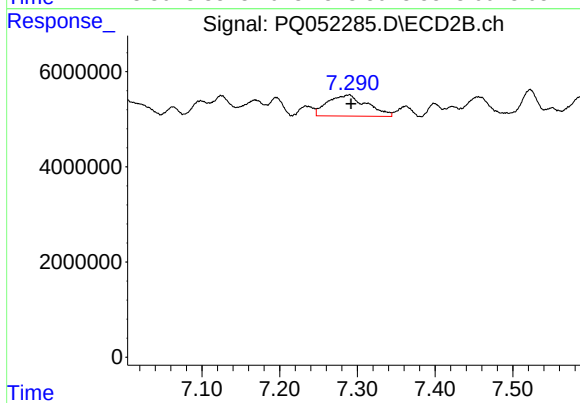
#31 AR-1260-1

R.T.: 7.099 min
Delta R.T.: 0.001 min
Response: 3640928
Conc: 8.89 ng/ml



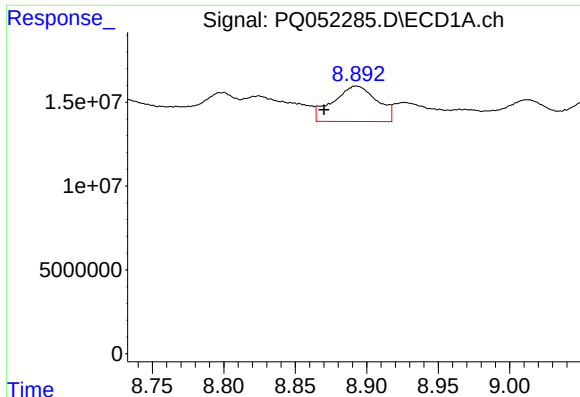
#32 AR-1260-2

R.T.: 8.502 min
Delta R.T.: 0.000 min
Response: 46829781
Conc: 38.13 ng/ml



#32 AR-1260-2

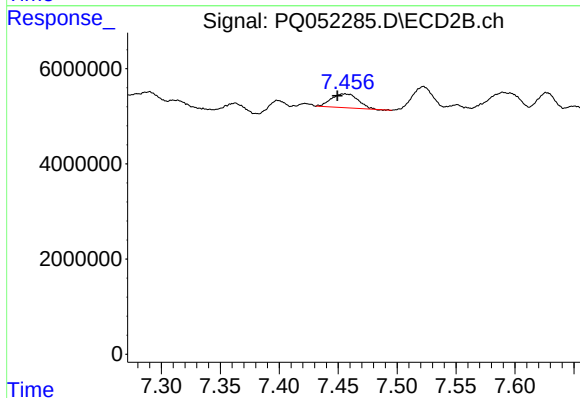
R.T.: 7.290 min
Delta R.T.: -0.002 min
Response: 15581007
Conc: 29.35 ng/ml



#33 AR-1260-3

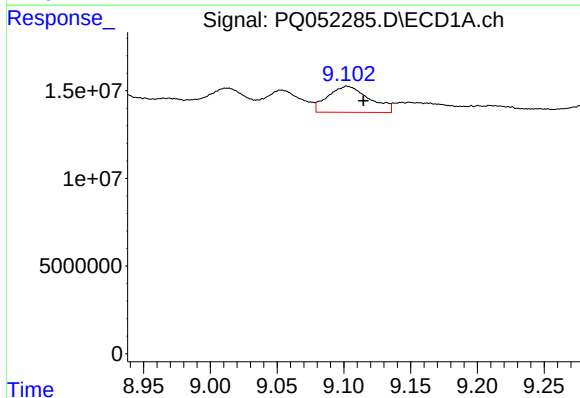
R.T.: 8.893 min
Delta R.T.: 0.023 min
Response: 45420352
Conc: 49.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



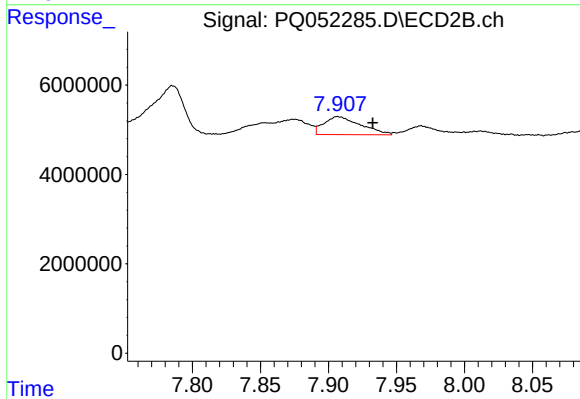
#33 AR-1260-3

R.T.: 7.455 min
Delta R.T.: 0.006 min
Response: 4592303
Conc: 9.61 ng/ml



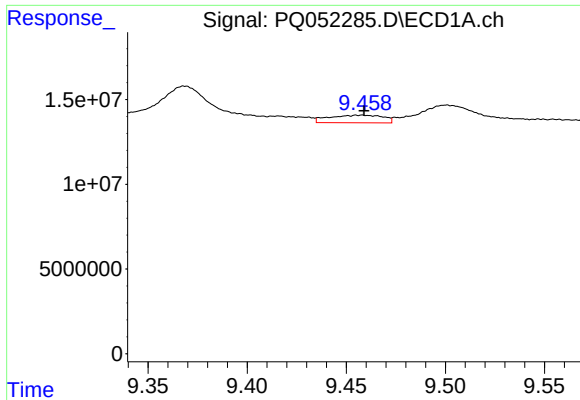
#34 AR-1260-4

R.T.: 9.103 min
Delta R.T.: -0.012 min
Response: 32246924
Conc: 29.93 ng/ml



#34 AR-1260-4

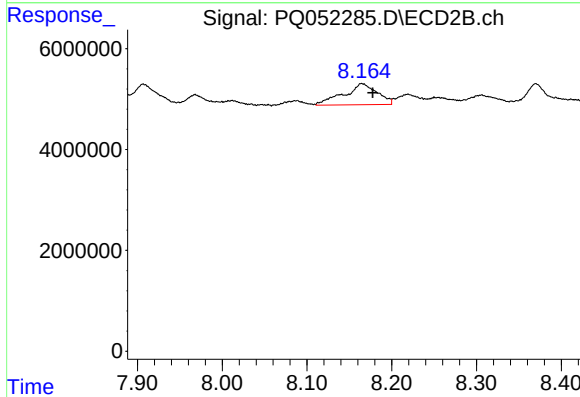
R.T.: 7.907 min
Delta R.T.: -0.025 min
Response: 7618027
Conc: 18.81 ng/ml



#35 AR-1260-5

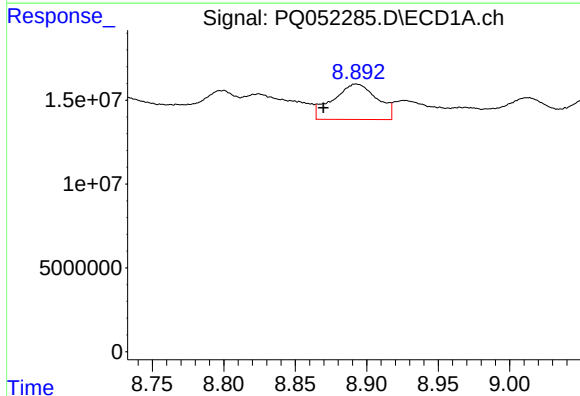
R.T.: 9.457 min
Delta R.T.: -0.002 min
Response: 8487859
Conc: 3.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



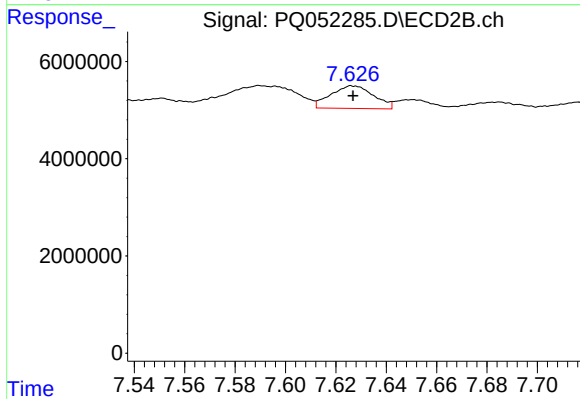
#35 AR-1260-5

R.T.: 8.165 min
Delta R.T.: -0.013 min
Response: 11477135
Conc: 10.66 ng/ml



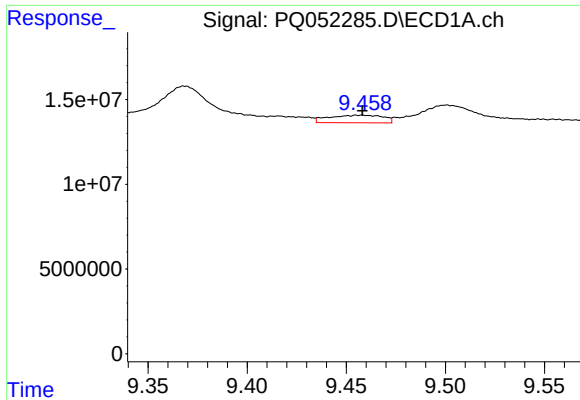
#36 AR-1262-1

R.T.: 8.893 min
Delta R.T.: 0.023 min
Response: 45420352
Conc: 28.85 ng/ml



#36 AR-1262-1

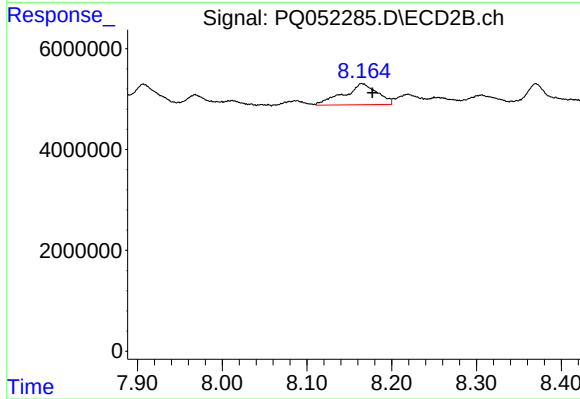
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 5469869
Conc: 15.84 ng/ml



#37 AR-1262-2

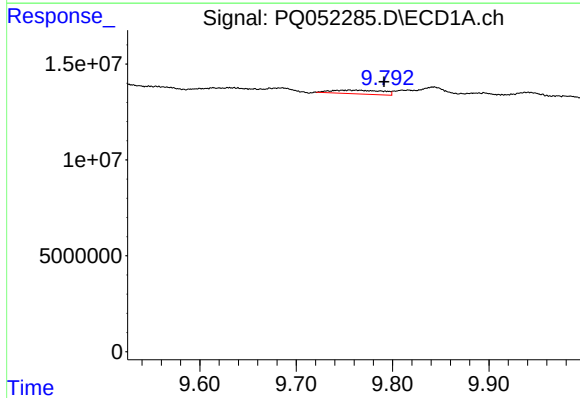
R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 8487859
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



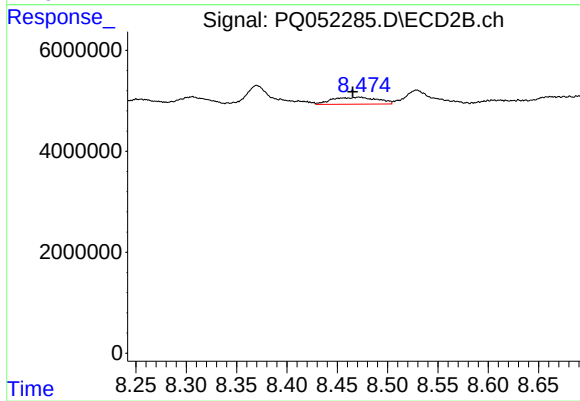
#37 AR-1262-2

R.T.: 8.165 min
Delta R.T.: -0.012 min
Response: 11477135
Conc: 8.56 ng/ml



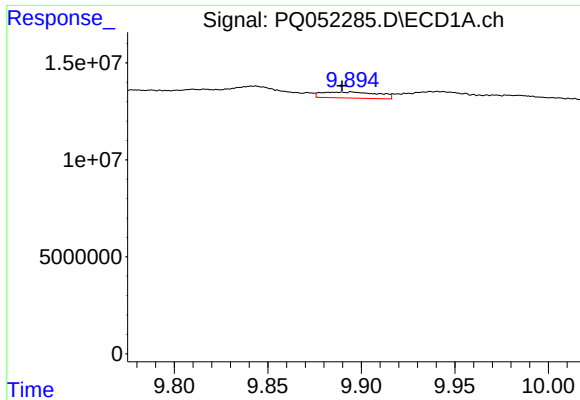
#38 AR-1262-3

R.T.: 9.755 min
Delta R.T.: -0.036 min
Response: 7013242
Conc: 3.52 ng/ml



#38 AR-1262-3

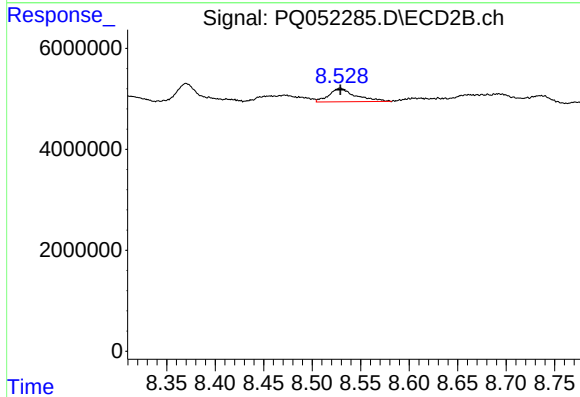
R.T.: 8.472 min
Delta R.T.: 0.007 min
Response: 4265897
Conc: 8.16 ng/ml



#39 AR-1262-4

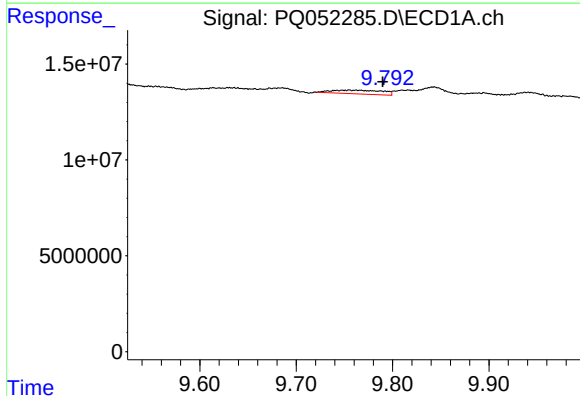
R.T.: 9.894 min
Delta R.T.: 0.004 min
Response: 6567725
Conc: 4.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



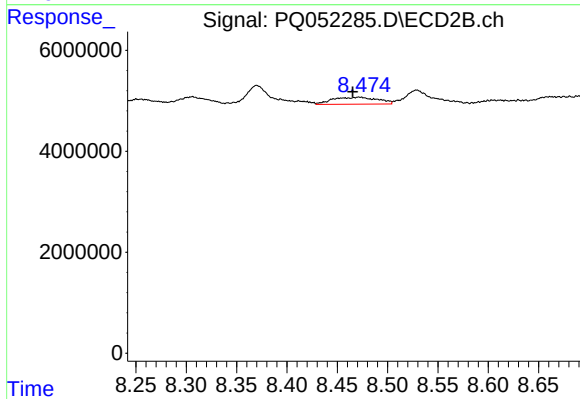
#39 AR-1262-4

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 5056466
Conc: 5.17 ng/ml



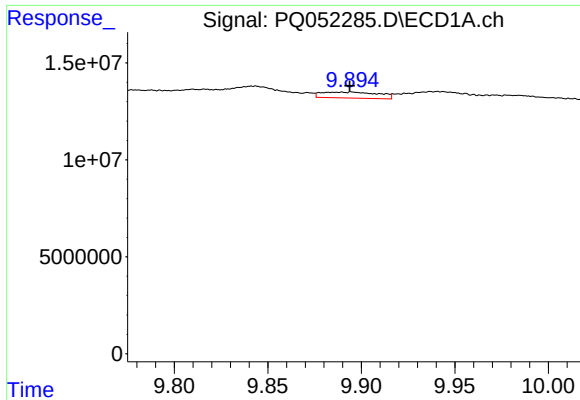
#41 AR-1268-1

R.T.: 9.755 min
Delta R.T.: -0.034 min
Response: 7013242
Conc: 2.00 ng/ml



#41 AR-1268-1

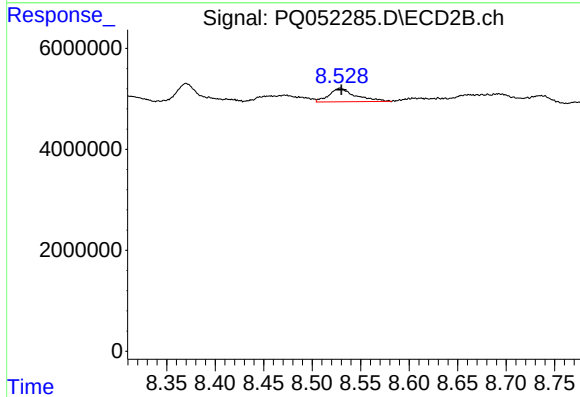
R.T.: 8.472 min
Delta R.T.: 0.007 min
Response: 4265897
Conc: 2.65 ng/ml



#42 AR-1268-2

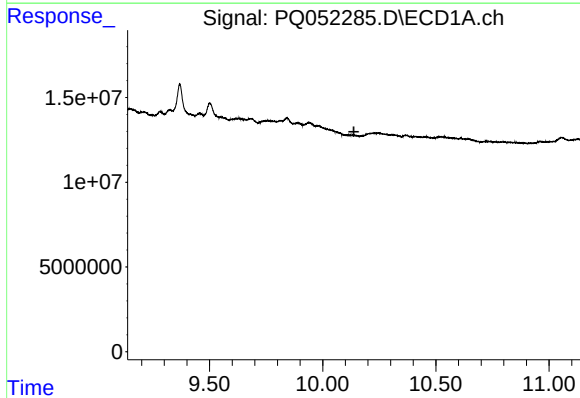
R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 6567725
Conc: 2.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



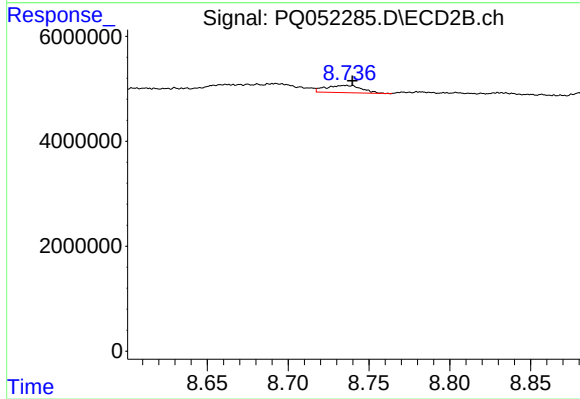
#42 AR-1268-2

R.T.: 8.529 min
Delta R.T.: -0.001 min
Response: 5056466
Conc: 3.39 ng/ml



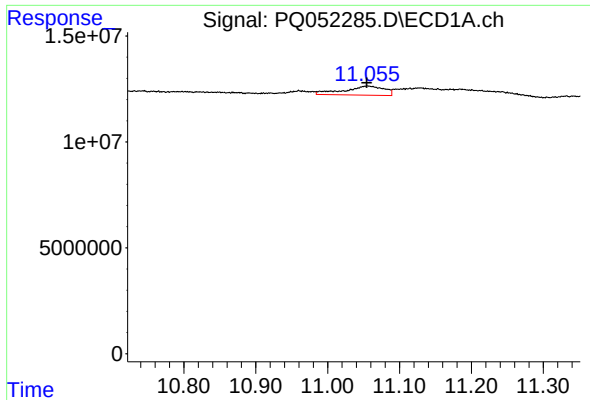
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.138 min
Response: 0
Conc: N.D.



#43 AR-1268-3

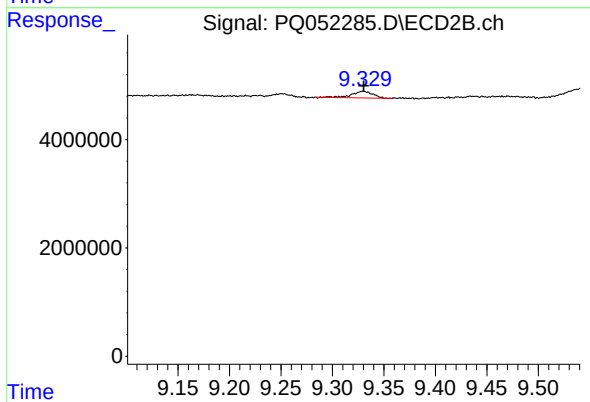
R.T.: 8.735 min
Delta R.T.: -0.005 min
Response: 2130653
Conc: 1.70 ng/ml



#45 AR-1268-5

R.T.: 11.055 min
Delta R.T.: 0.001 min
Response: 16501145
Conc: 1.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.330 min
Delta R.T.: 0.000 min
Response: 1721563
Conc: 0.43 ng/ml