

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112519\
 Data File : PQ045358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2019 15:17
 Operator : SM\AJ
 Sample : AIBLK41
 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: Nov 26 06:08:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 26 06:05:49 2019
 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...	5.103	4.309	48997571	28401673	14.895	16.651
2)	SA Decachlor...	11.158	9.721	236.7E6	179.9E6	36.273	34.381
Target Compounds							
3)	L1 AR-1016-1	0.000	5.543	0	3138242	N.D.	45.096 #
4)	L1 AR-1016-2	0.000	5.640	0	8286026	N.D.	78.137 #
5)	L1 AR-1016-3	0.000	5.814	0	577044	N.D.	10.875 #
6)	L1 AR-1016-4	0.000	5.814	0	577044	N.D.	12.344 #
7)	L1 AR-1016-5	6.960	0.000	4692295	0	46.189	N.D. #
8)	L2 AR-1221-1	0.000	4.509	0	939227	N.D.	44.938 #
9)	L2 AR-1221-2	0.000	4.671	0	443534	N.D.	34.551 #
12)	L3 AR-1232-2	6.098	5.640	3744188	8286026	93.602	186.691 #
13)	L3 AR-1232-3	0.000	5.814	0	577044	N.D.	26.056 #
14)	L3 AR-1232-4	0.000	5.896	0	3362127	N.D.	148.992 #
16)	L4 AR-1242-1	0.000	5.543	0	3138242	N.D.	53.203 #
17)	L4 AR-1242-2	0.000	5.640	0	8286026	N.D.	94.519 #
18)	L4 AR-1242-3	0.000	5.814	0	577044	N.D.	12.806 #
19)	L4 AR-1242-4	0.000	5.896	0	3362127	N.D.	69.267 #
20)	L4 AR-1242-5	7.346	6.445	23932751	2002393	255.030	28.854 #
21)	L5 AR-1248-1	0.000	5.543	0	3138242	N.D.	67.817 #
22)	L5 AR-1248-2	0.000	5.814	0	577044	N.D.	8.561 #
23)	L5 AR-1248-3	6.960	5.896	4692295	3362127	33.695	47.345 #
24)	L5 AR-1248-4	7.346	0.000	23932751	0	147.398	N.D. #
25)	L5 AR-1248-5	7.346	6.494	23932751	1668094	152.781	17.644 #
26)	L6 AR-1254-1	7.327	6.445	42841493	2002393	260.411	13.798 #
27)	L6 AR-1254-2	7.543	6.620	31235206	131586	119.169	0.984 #
28)	L6 AR-1254-3	7.945	7.078	32048061	1631224	112.095	6.805 #
29)	L6 AR-1254-4	8.284	7.273	2334572	437766	10.774	2.622 #
30)	L6 AR-1254-5	8.646	7.736	19781702	1338797	80.389	5.196 #
31)	L7 AR-1260-1	8.042	7.186	83534024	1847917	391.003	12.072 #
32)	L7 AR-1260-2	0.000	7.377	0	949121	N.D.	4.751 #
33)	L7 AR-1260-3	0.000	7.574	0	2075493	N.D.	11.281 #
34)	L7 AR-1260-4	8.898	7.974	8086547	531578	35.372	2.930 #
35)	L7 AR-1260-5	9.266	8.283	32864929	2143899	63.155	4.190 #
36)	L8 AR-1262-1	8.811	7.736	16118060	1338797	116.569	9.178 #
37)	L8 AR-1262-2	9.266	8.283	32864929	2143899	50.700	3.295 #
38)	L8 AR-1262-3	0.000	8.578	0	914179	N.D.	3.432 #
39)	L8 AR-1262-4	0.000	8.653	0	2113236	N.D.	4.037 #
40)	L8 AR-1262-5	10.440	9.150	1205767	4392937	4.230	15.974 #
41)	L9 AR-1268-1	0.000	8.578	0	914179	N.D.	1.138 #
42)	L9 AR-1268-2	0.000	8.653	0	2113236	N.D.	2.778 #
43)	L9 AR-1268-3	9.879	8.840	2405492	6177596	3.426	9.886 #
44)	L9 AR-1268-4	10.440	9.150	1205767	4392937	3.668	13.803 #

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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
45) L9	AR-1268-5	10.820	9.454	-581169	1526934	N.D.	0.633 #

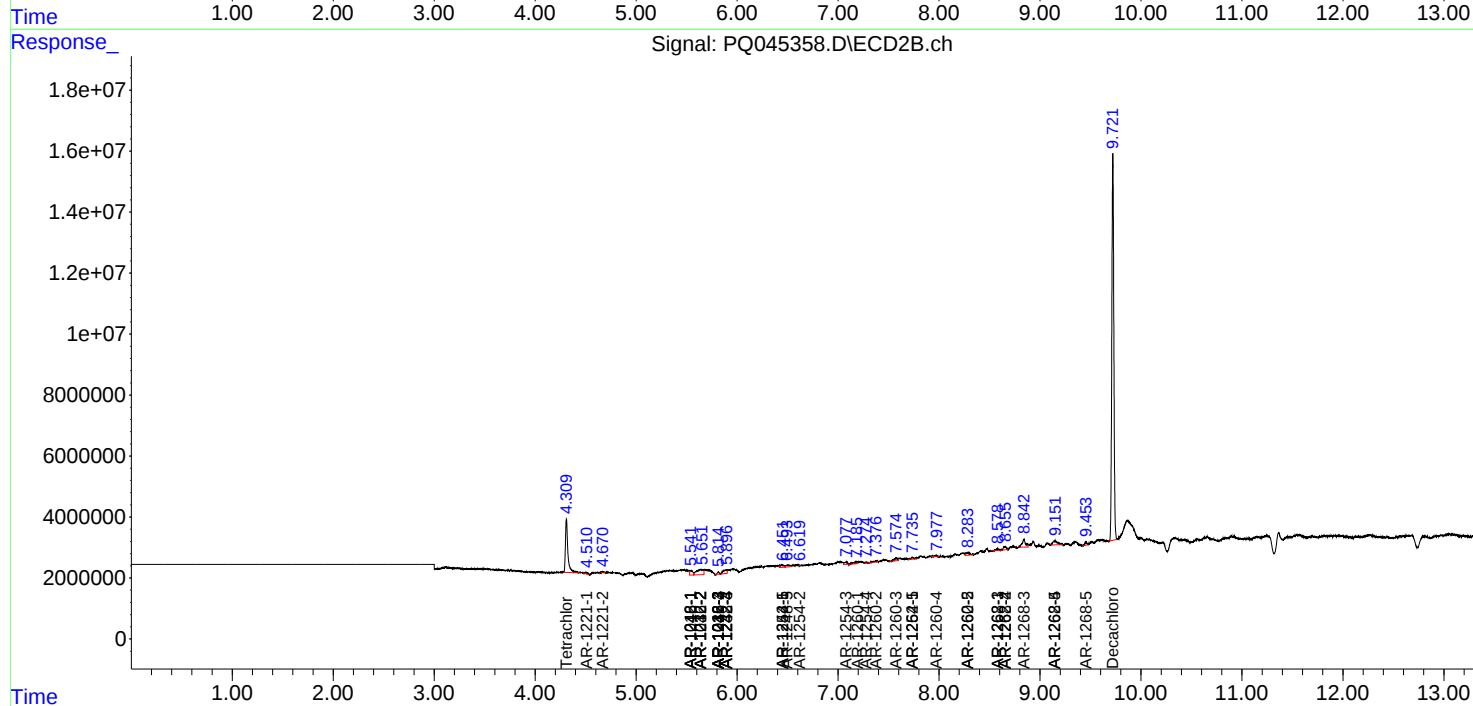
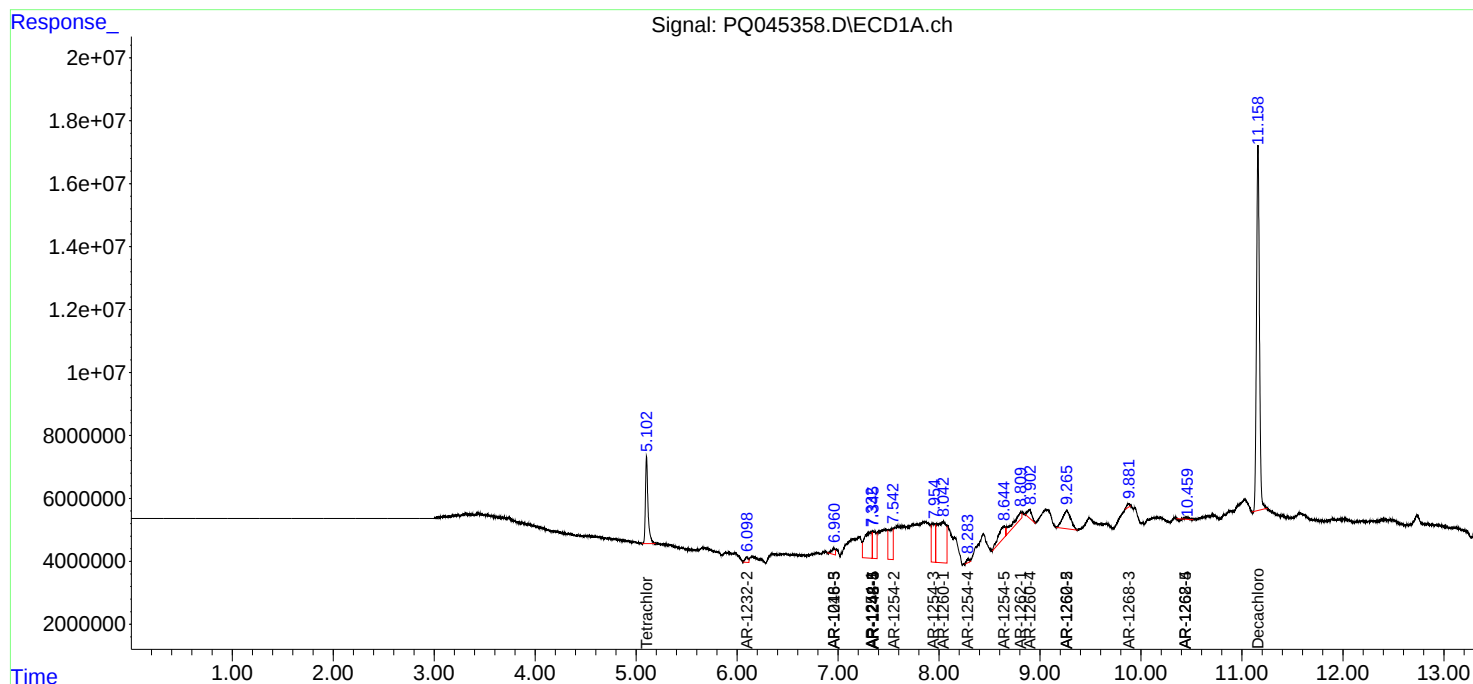
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

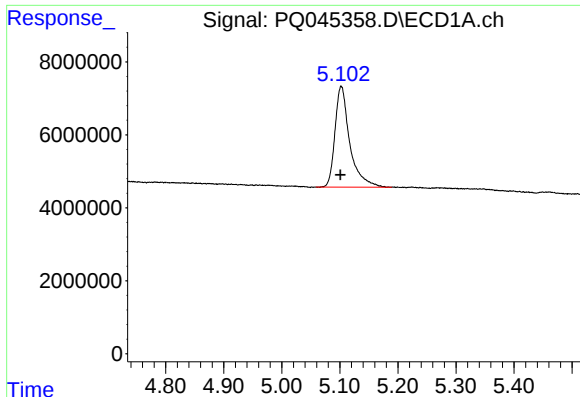
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112519\
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

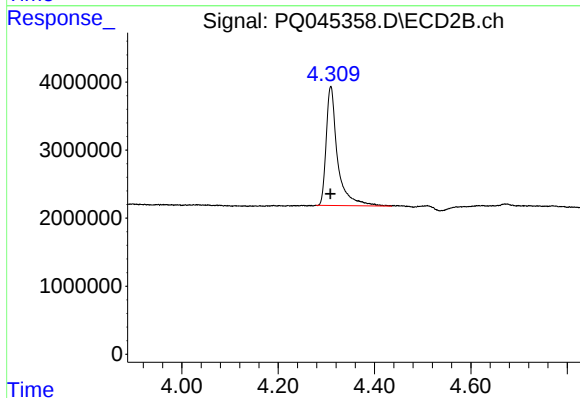




#1 Tetrachloro-m-xylene

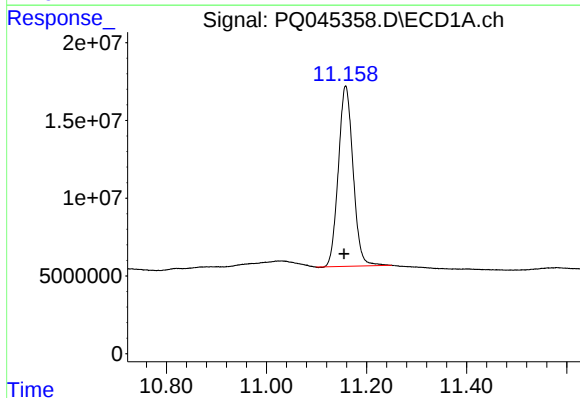
R.T.: 5.103 min
Delta R.T.: 0.002 min
Response: 48997571
Conc: 14.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



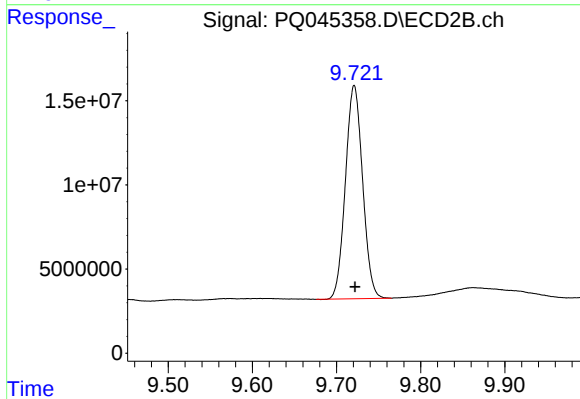
#1 Tetrachloro-m-xylene

R.T.: 4.309 min
Delta R.T.: 0.000 min
Response: 28401673
Conc: 16.65 ng/ml



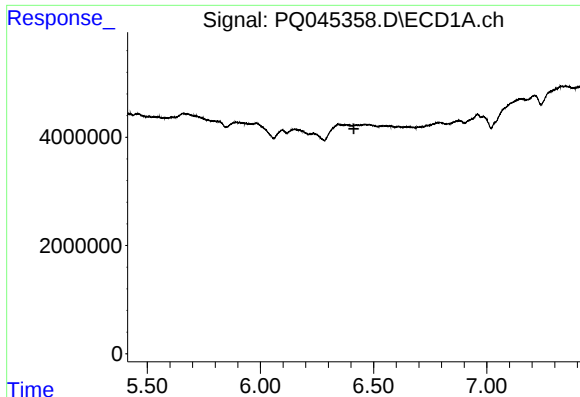
#2 Decachlorobiphenyl

R.T.: 11.158 min
Delta R.T.: 0.003 min
Response: 236696332
Conc: 36.27 ng/ml



#2 Decachlorobiphenyl

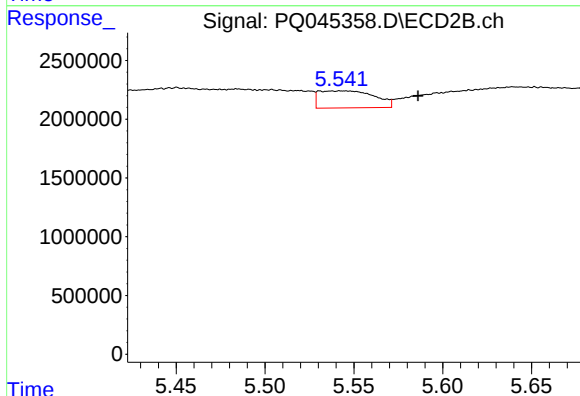
R.T.: 9.721 min
Delta R.T.: 0.000 min
Response: 179889838
Conc: 34.38 ng/ml



#3 AR-1016-1

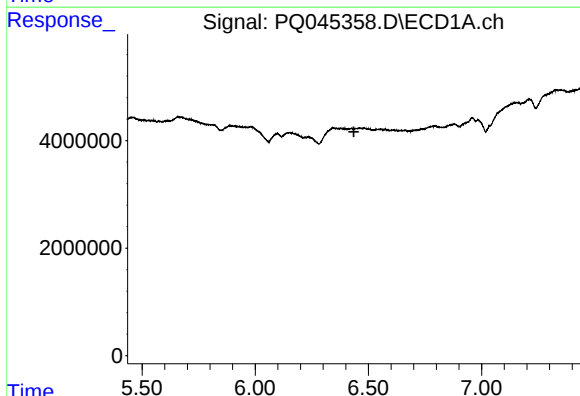
R.T.: 0.000 min
Exp R.T.: 6.413 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



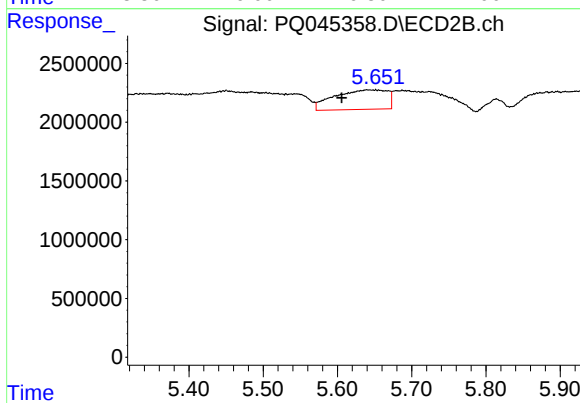
#3 AR-1016-1

R.T.: 5.543 min
Delta R.T.: -0.043 min
Response: 3138242
Conc: 45.10 ng/ml



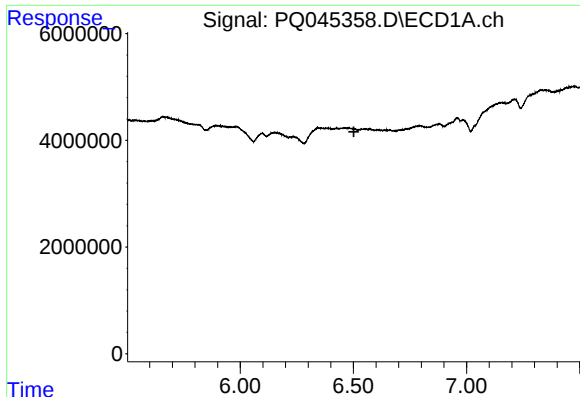
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.436 min
Response: 0
Conc: N.D.



#4 AR-1016-2

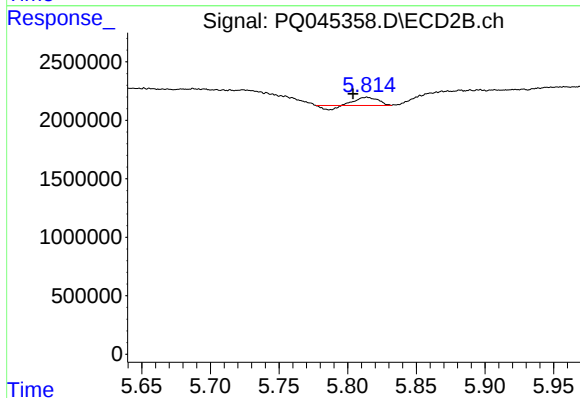
R.T.: 5.640 min
Delta R.T.: 0.034 min
Response: 8286026
Conc: 78.14 ng/ml



#5 AR-1016-3

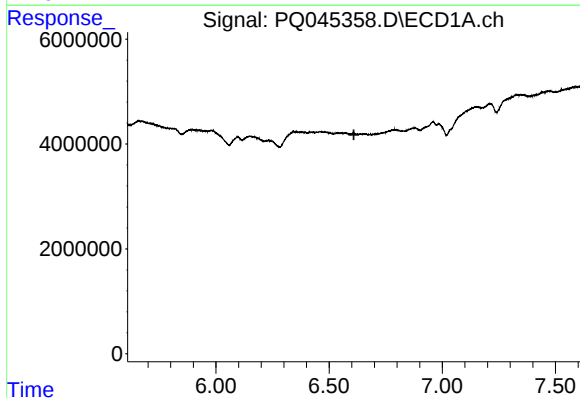
R.T.: 0.000 min
Exp R.T.: 6.502 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



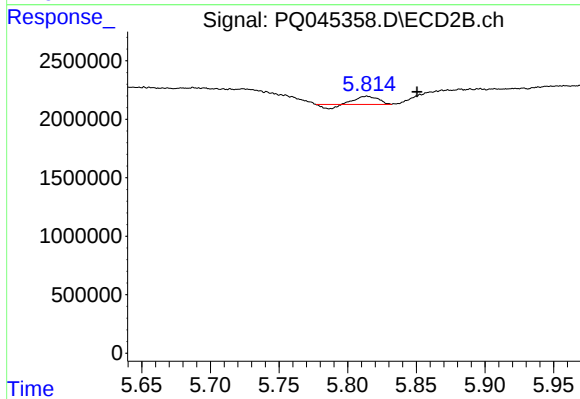
#5 AR-1016-3

R.T.: 5.814 min
Delta R.T.: 0.010 min
Response: 577044
Conc: 10.87 ng/ml



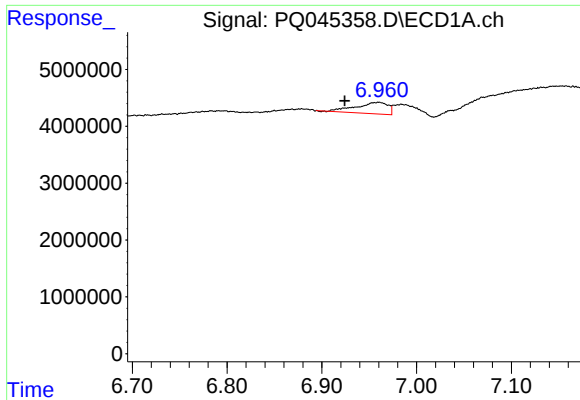
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.610 min
Response: 0
Conc: N.D.



#6 AR-1016-4

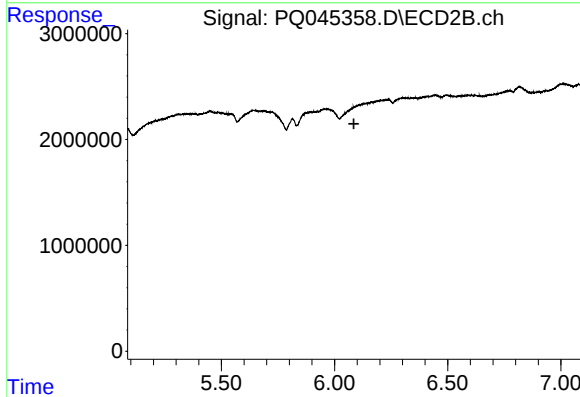
R.T.: 5.814 min
Delta R.T.: -0.037 min
Response: 577044
Conc: 12.34 ng/ml



#7 AR-1016-5

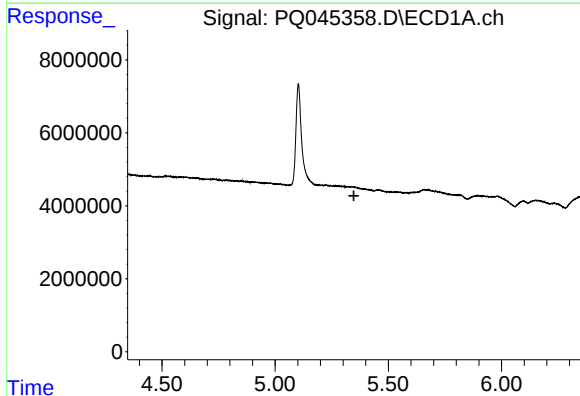
R.T.: 6.960 min
Delta R.T.: 0.036 min
Response: 4692295
Conc: 46.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



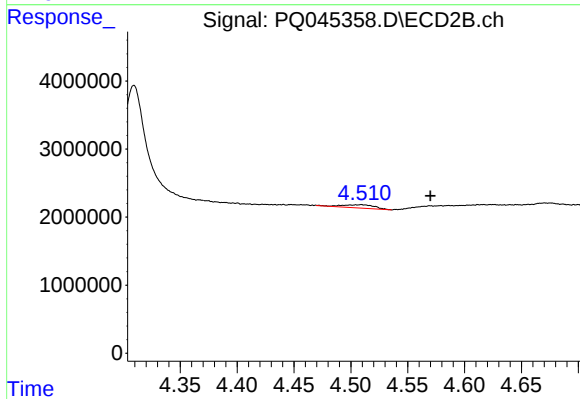
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.085 min
Response: 0
Conc: N.D.



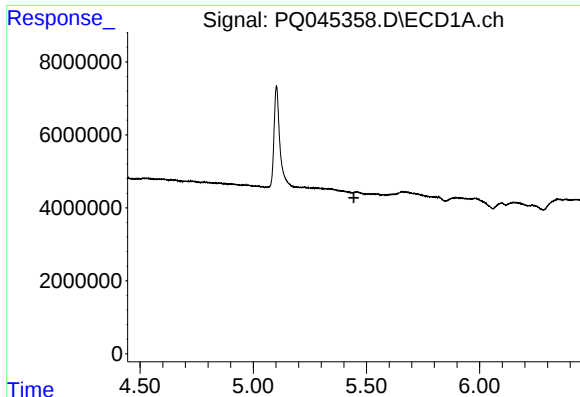
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#8 AR-1221-1

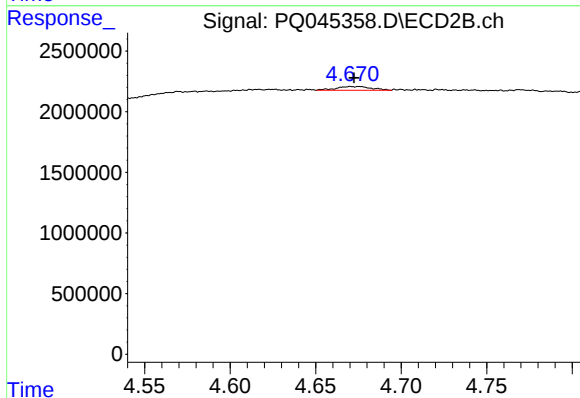
R.T.: 4.509 min
Delta R.T.: -0.061 min
Response: 939227
Conc: 44.94 ng/ml



#9 AR-1221-2

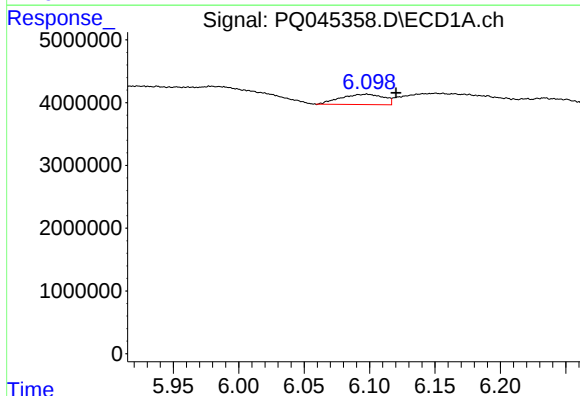
R.T.: 0.000 min
Exp R.T.: 5.444 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



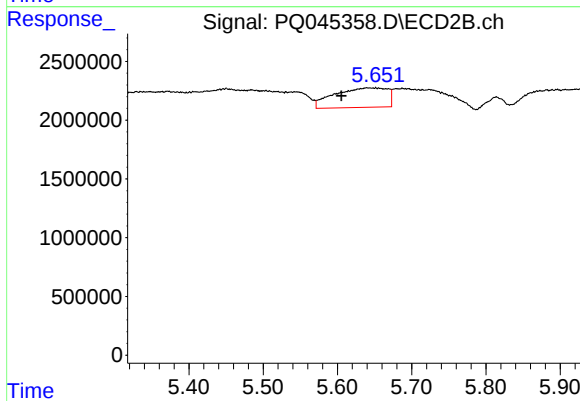
#9 AR-1221-2

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 443534
Conc: 34.55 ng/ml



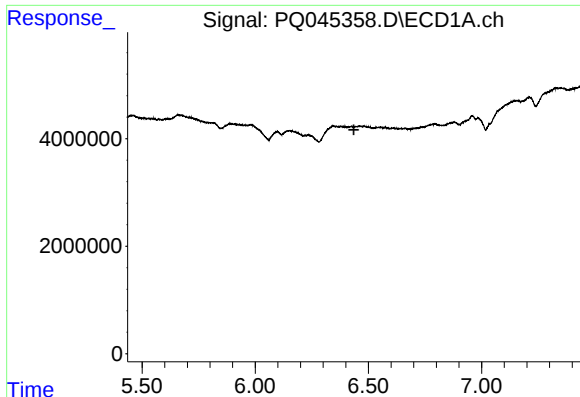
#12 AR-1232-2

R.T.: 6.098 min
Delta R.T.: -0.022 min
Response: 3744188
Conc: 93.60 ng/ml



#12 AR-1232-2

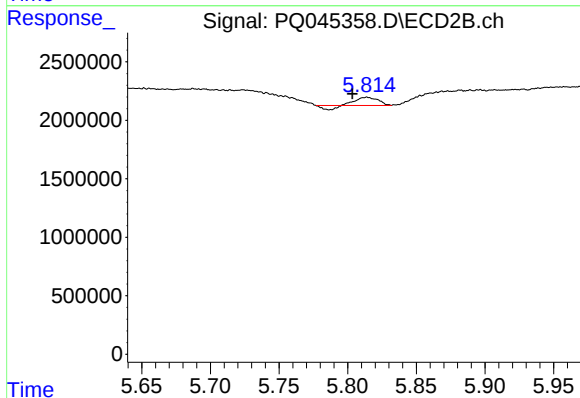
R.T.: 5.640 min
Delta R.T.: 0.034 min
Response: 8286026
Conc: 186.69 ng/ml



#13 AR-1232-3

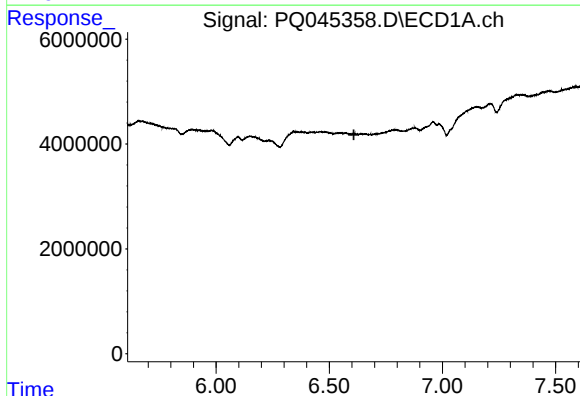
R.T.: 0.000 min
Exp R.T.: 6.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



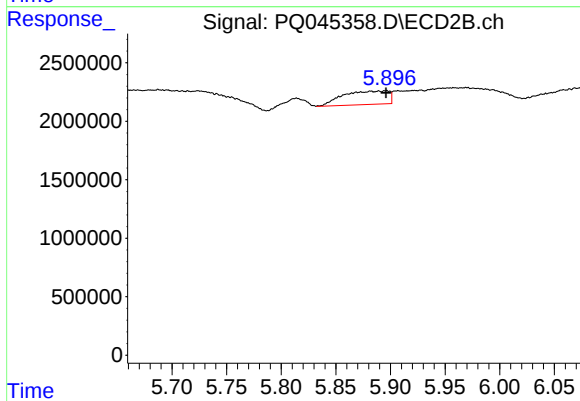
#13 AR-1232-3

R.T.: 5.814 min
Delta R.T.: 0.011 min
Response: 577044
Conc: 26.06 ng/ml



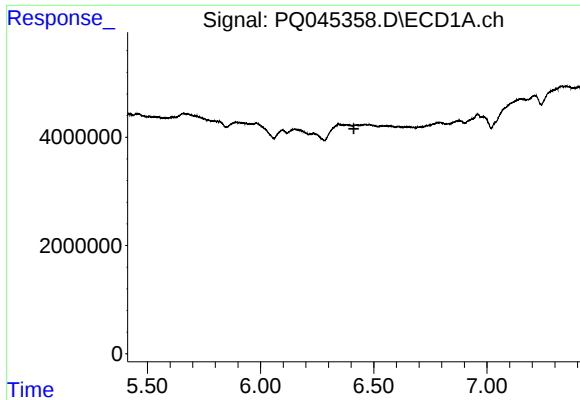
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.609 min
Response: 0
Conc: N.D.



#14 AR-1232-4

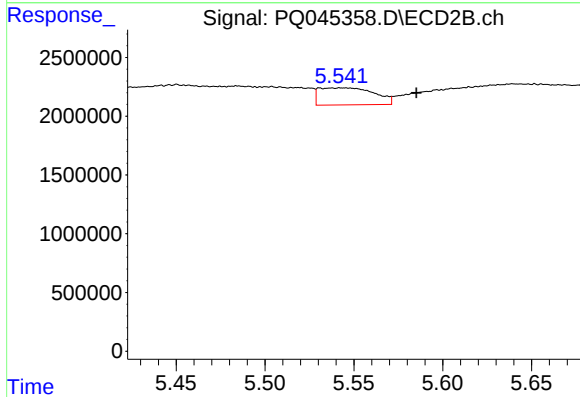
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 3362127
Conc: 148.99 ng/ml



#16 AR-1242-1

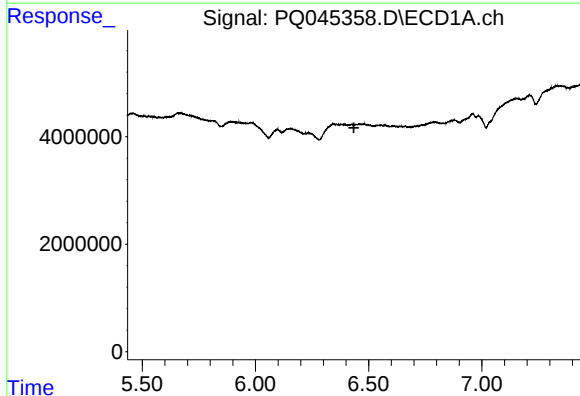
R.T.: 0.000 min
Exp R.T.: 6.412 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



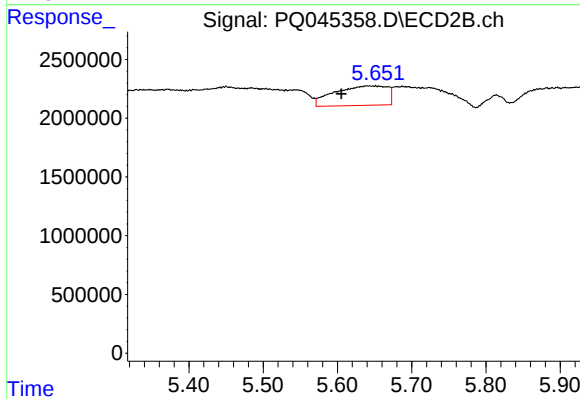
#16 AR-1242-1

R.T.: 5.543 min
Delta R.T.: -0.042 min
Response: 3138242
Conc: 53.20 ng/ml



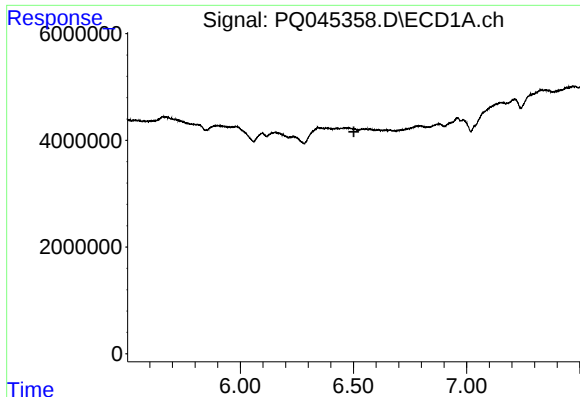
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.435 min
Response: 0
Conc: N.D.



#17 AR-1242-2

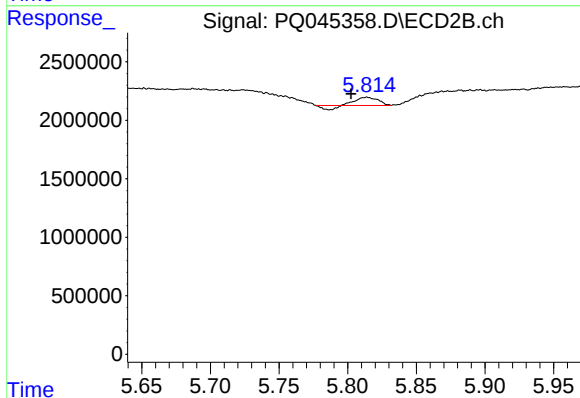
R.T.: 5.640 min
Delta R.T.: 0.034 min
Response: 8286026
Conc: 94.52 ng/ml



#18 AR-1242-3

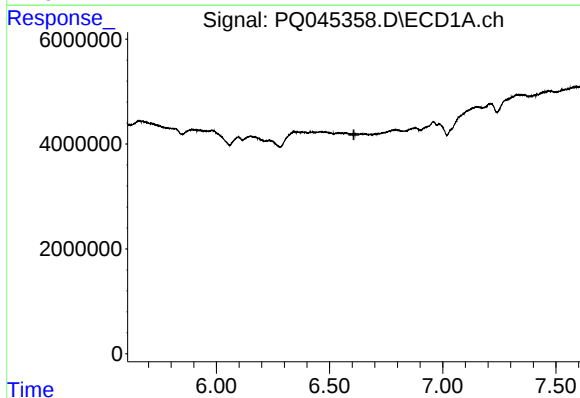
R.T.: 0.000 min
Exp R.T.: 6.502 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



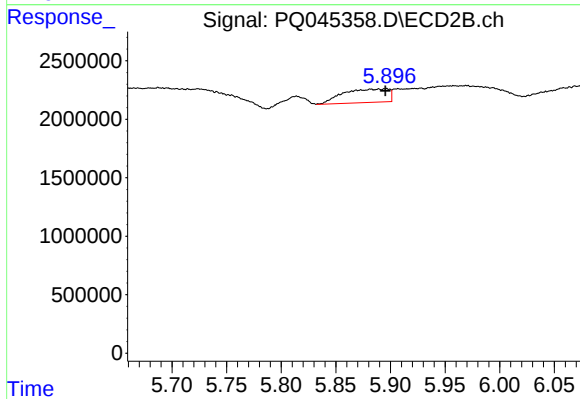
#18 AR-1242-3

R.T.: 5.814 min
Delta R.T.: 0.012 min
Response: 577044
Conc: 12.81 ng/ml



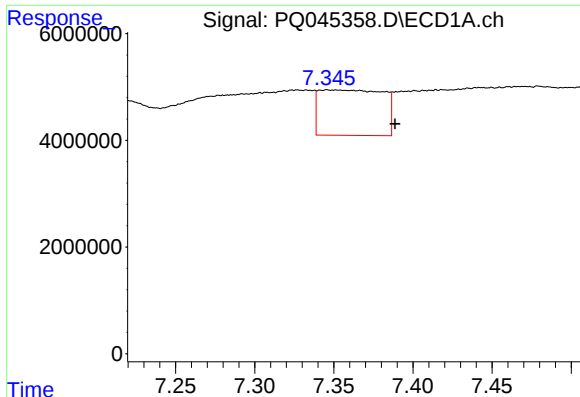
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.608 min
Response: 0
Conc: N.D.



#19 AR-1242-4

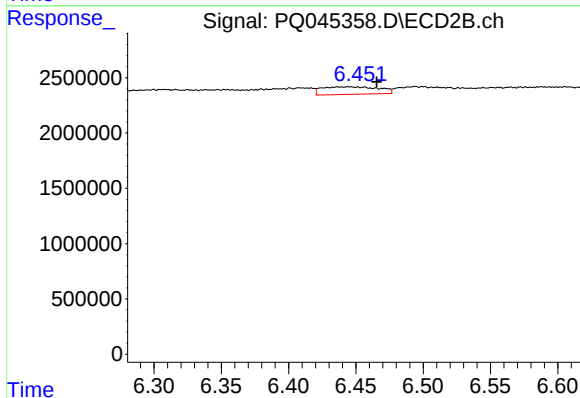
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 3362127
Conc: 69.27 ng/ml



#20 AR-1242-5

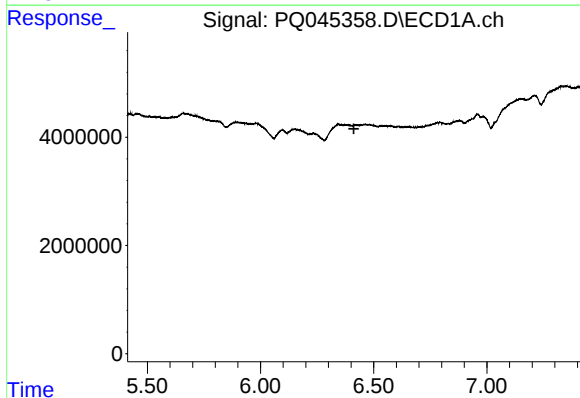
R.T.: 7.346 min
Delta R.T.: -0.043 min
Response: 23932751
Conc: 255.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



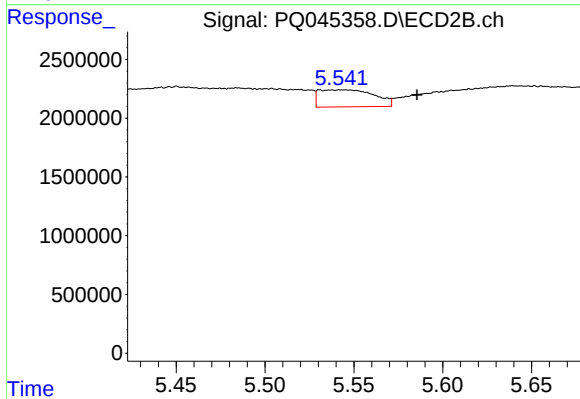
#20 AR-1242-5

R.T.: 6.445 min
Delta R.T.: -0.020 min
Response: 2002393
Conc: 28.85 ng/ml



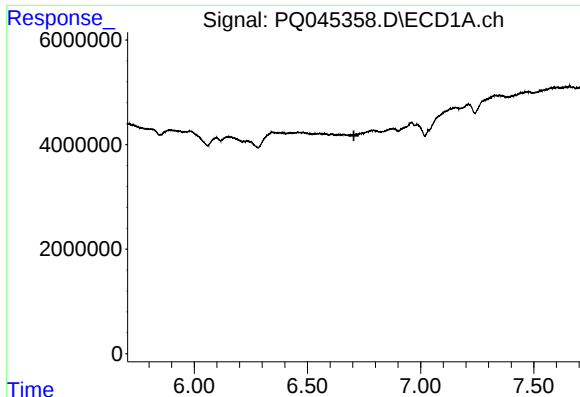
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.412 min
Response: 0
Conc: N.D.



#21 AR-1248-1

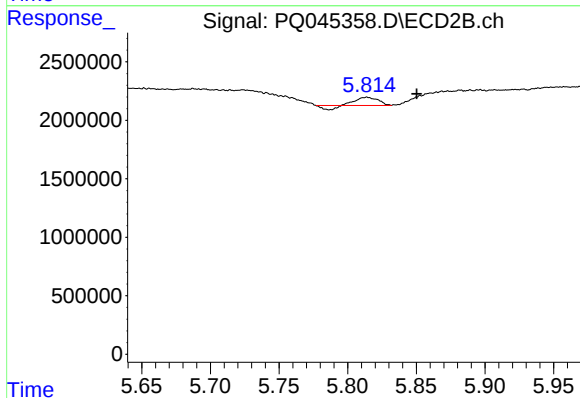
R.T.: 5.543 min
Delta R.T.: -0.042 min
Response: 3138242
Conc: 67.82 ng/ml



#22 AR-1248-2

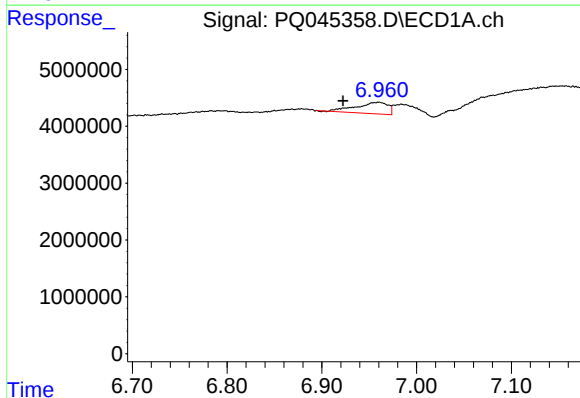
R.T.: 0.000 min
Exp R.T.: 6.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



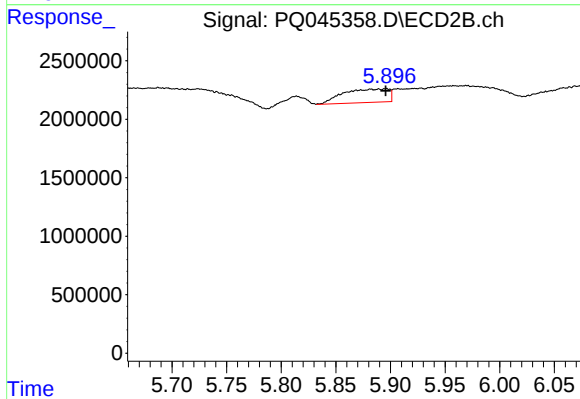
#22 AR-1248-2

R.T.: 5.814 min
Delta R.T.: -0.036 min
Response: 577044
Conc: 8.56 ng/ml



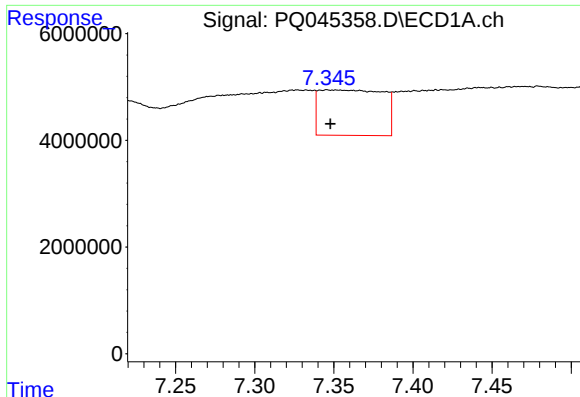
#23 AR-1248-3

R.T.: 6.960 min
Delta R.T.: 0.038 min
Response: 4692295
Conc: 33.69 ng/ml



#23 AR-1248-3

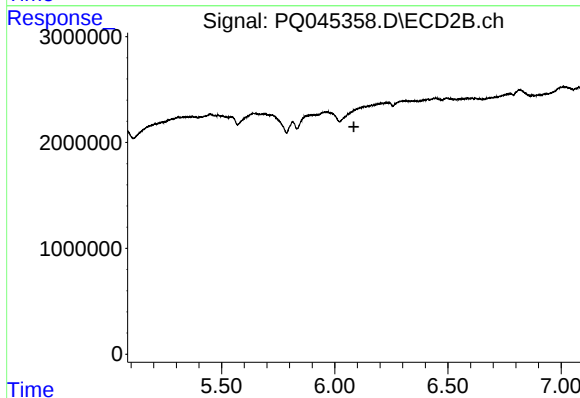
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 3362127
Conc: 47.35 ng/ml



#24 AR-1248-4

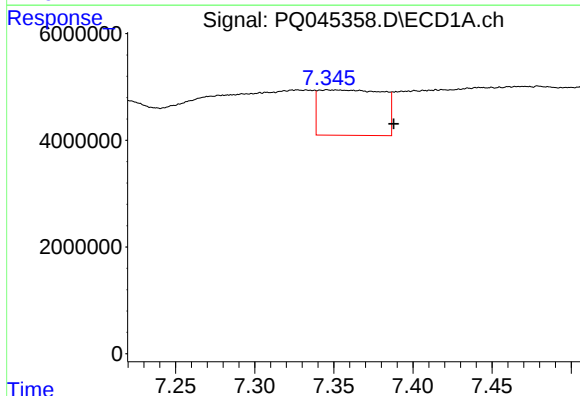
R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 23932751
Conc: 147.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



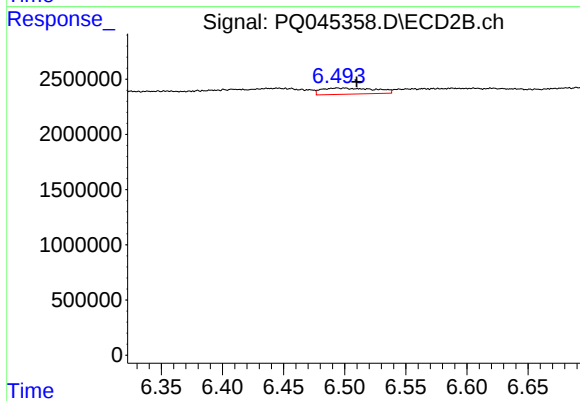
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.084 min
Response: 0
Conc: N.D.



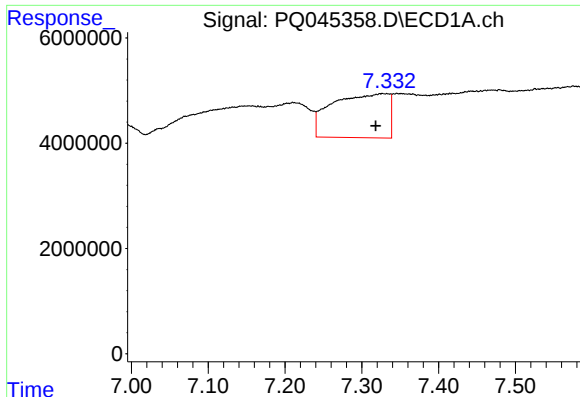
#25 AR-1248-5

R.T.: 7.346 min
Delta R.T.: -0.042 min
Response: 23932751
Conc: 152.78 ng/ml



#25 AR-1248-5

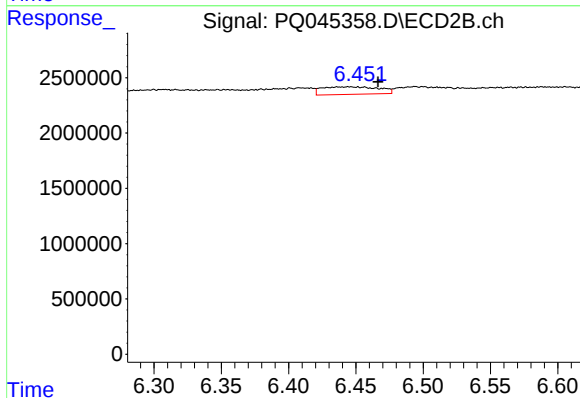
R.T.: 6.494 min
Delta R.T.: -0.016 min
Response: 1668094
Conc: 17.64 ng/ml



#26 AR-1254-1

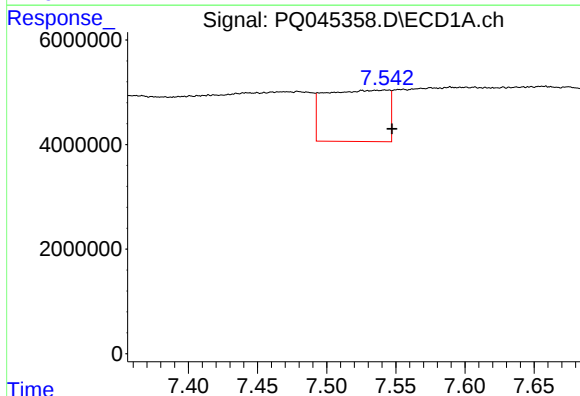
R.T.: 7.327 min
Delta R.T.: 0.008 min
Response: 42841493
Conc: 260.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



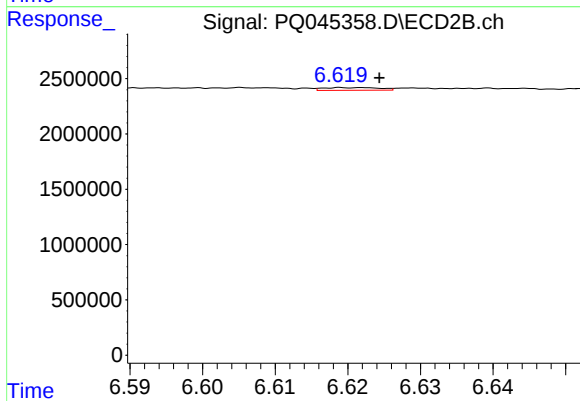
#26 AR-1254-1

R.T.: 6.445 min
Delta R.T.: -0.021 min
Response: 2002393
Conc: 13.80 ng/ml



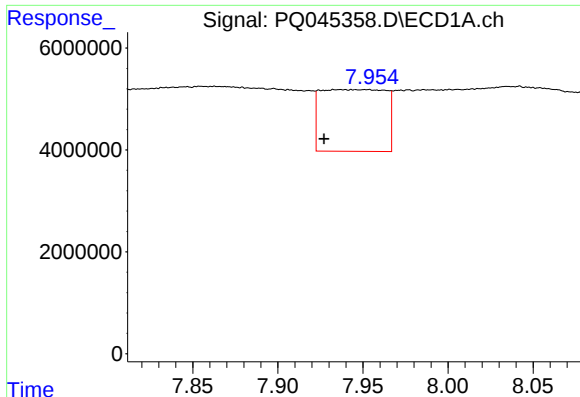
#27 AR-1254-2

R.T.: 7.543 min
Delta R.T.: -0.005 min
Response: 31235206
Conc: 119.17 ng/ml



#27 AR-1254-2

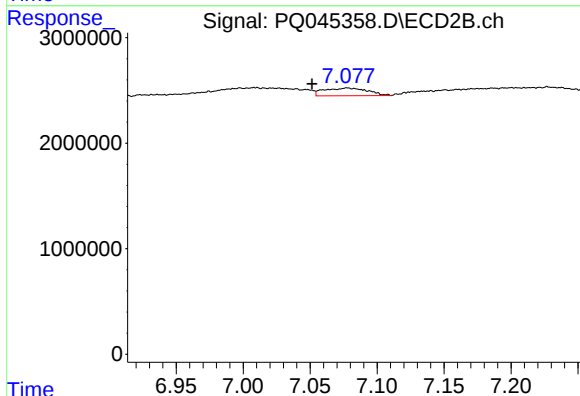
R.T.: 6.620 min
Delta R.T.: -0.004 min
Response: 131586
Conc: 0.98 ng/ml



#28 AR-1254-3

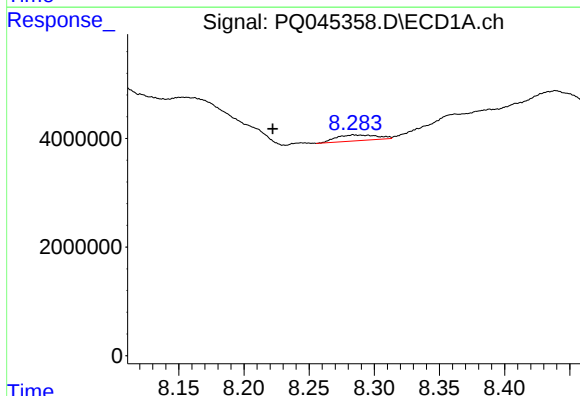
R.T.: 7.945 min
Delta R.T.: 0.018 min
Response: 32048061
Conc: 112.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



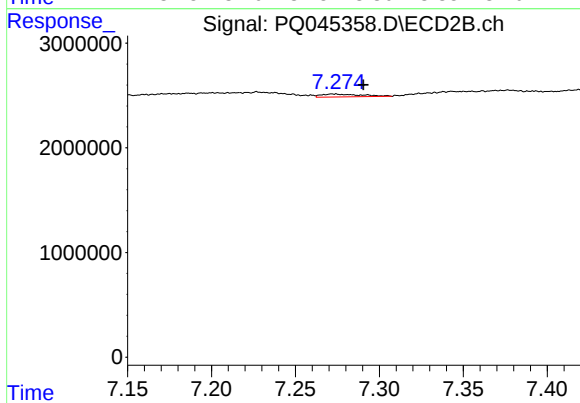
#28 AR-1254-3

R.T.: 7.078 min
Delta R.T.: 0.026 min
Response: 1631224
Conc: 6.81 ng/ml



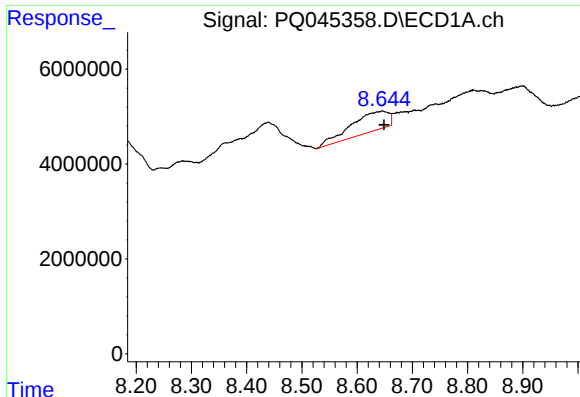
#29 AR-1254-4

R.T.: 8.284 min
Delta R.T.: 0.062 min
Response: 2334572
Conc: 10.77 ng/ml



#29 AR-1254-4

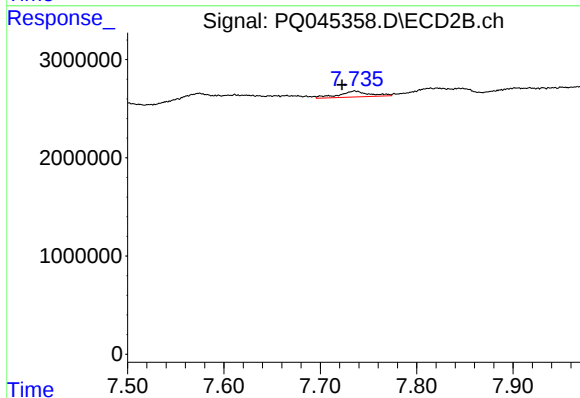
R.T.: 7.273 min
Delta R.T.: -0.018 min
Response: 437766
Conc: 2.62 ng/ml



#30 AR-1254-5

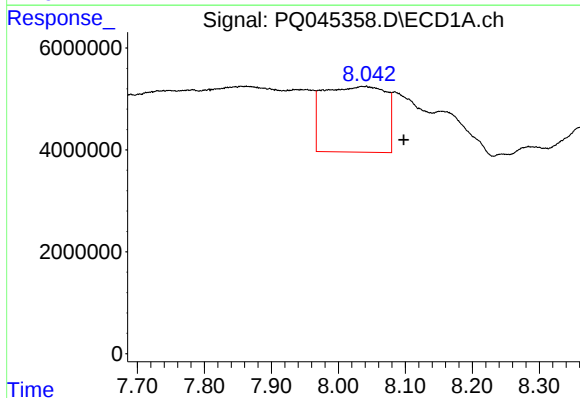
R.T.: 8.646 min
Delta R.T.: -0.003 min
Response: 19781702
Conc: 80.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



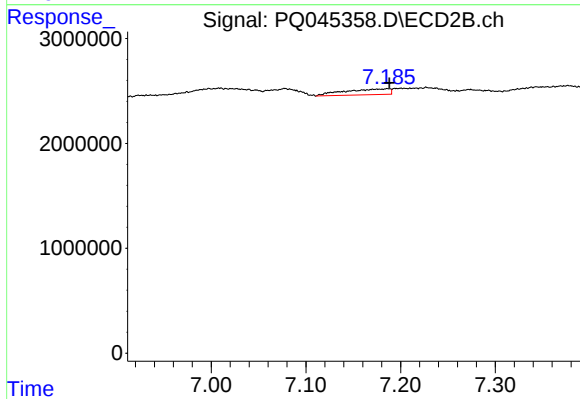
#30 AR-1254-5

R.T.: 7.736 min
Delta R.T.: 0.013 min
Response: 1338797
Conc: 5.20 ng/ml



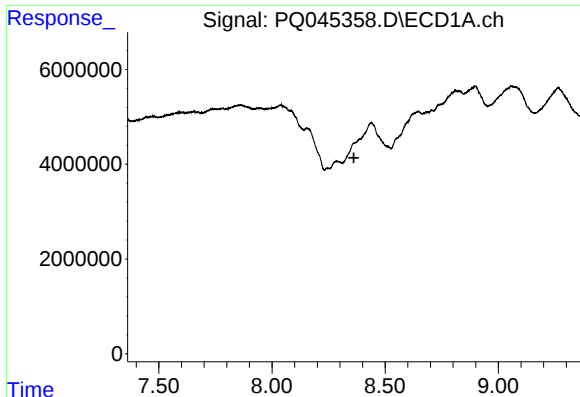
#31 AR-1260-1

R.T.: 8.042 min
Delta R.T.: -0.056 min
Response: 83534024
Conc: 391.00 ng/ml



#31 AR-1260-1

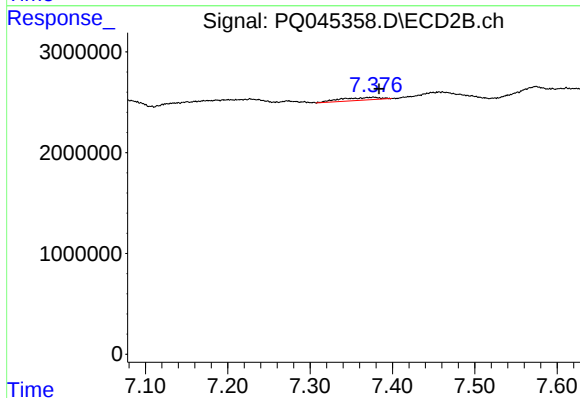
R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 1847917
Conc: 12.07 ng/ml



#32 AR-1260-2

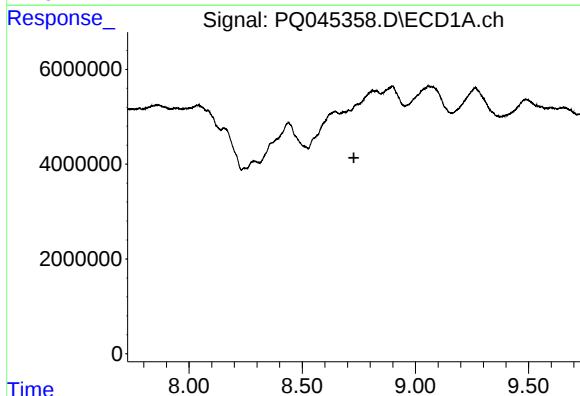
R.T.: 0.000 min
Exp R.T.: 8.362 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



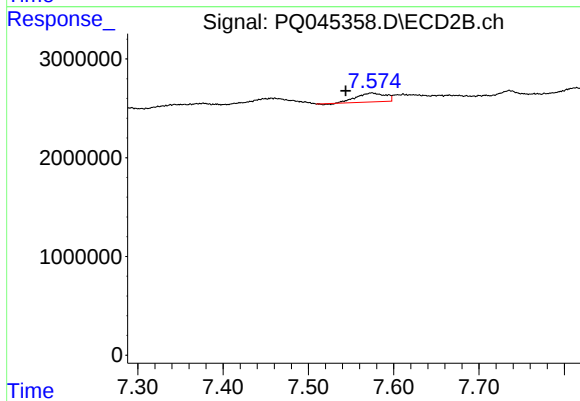
#32 AR-1260-2

R.T.: 7.377 min
Delta R.T.: -0.007 min
Response: 949121
Conc: 4.75 ng/ml



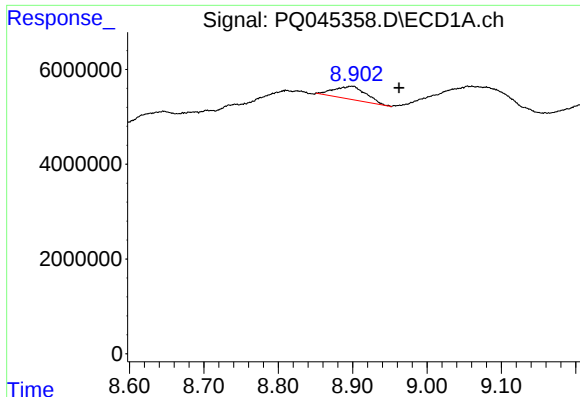
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 8.728 min
Response: 0
Conc: N.D.



#33 AR-1260-3

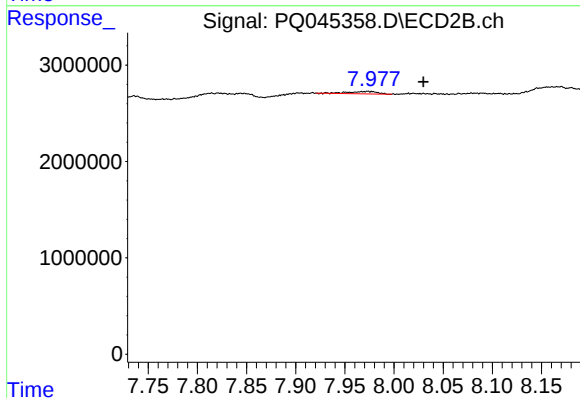
R.T.: 7.574 min
Delta R.T.: 0.030 min
Response: 2075493
Conc: 11.28 ng/ml



#34 AR-1260-4

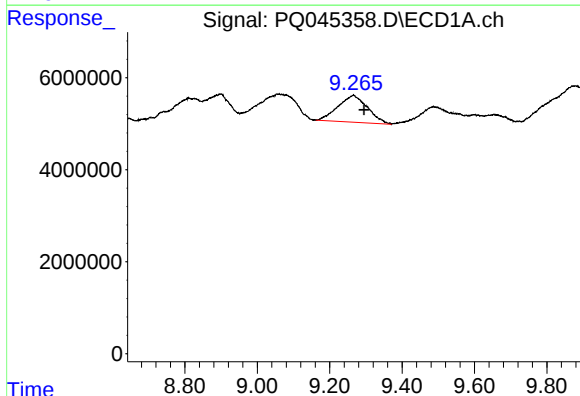
R.T.: 8.898 min
Delta R.T.: -0.064 min
Response: 8086547
Conc: 35.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



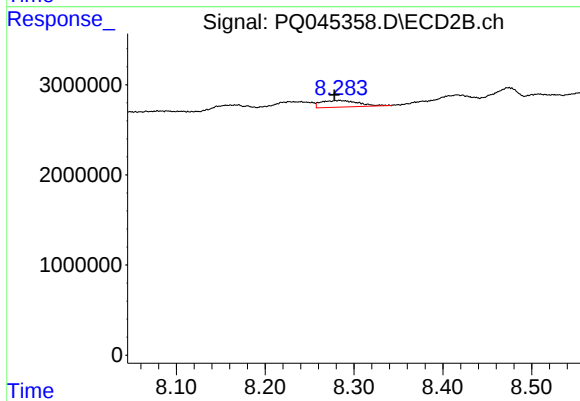
#34 AR-1260-4

R.T.: 7.974 min
Delta R.T.: -0.056 min
Response: 531578
Conc: 2.93 ng/ml



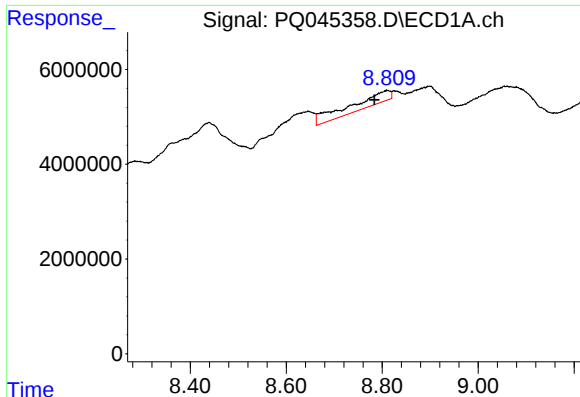
#35 AR-1260-5

R.T.: 9.266 min
Delta R.T.: -0.029 min
Response: 32864929
Conc: 63.16 ng/ml



#35 AR-1260-5

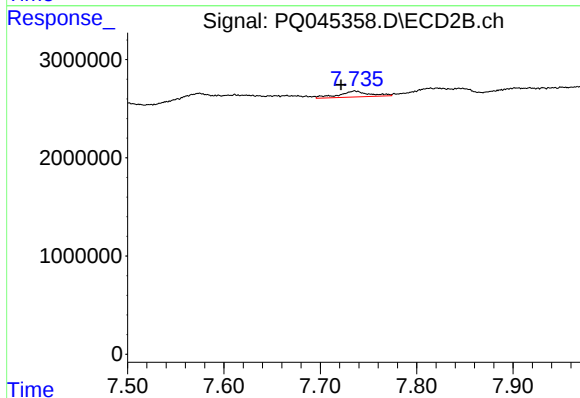
R.T.: 8.283 min
Delta R.T.: 0.005 min
Response: 2143899
Conc: 4.19 ng/ml



#36 AR-1262-1

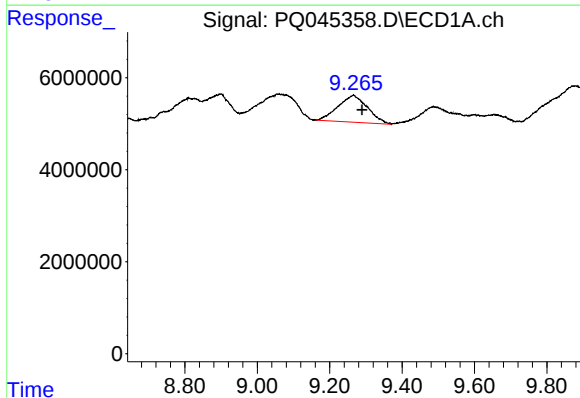
R.T.: 8.811 min
Delta R.T.: 0.027 min
Response: 16118060
Conc: 116.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



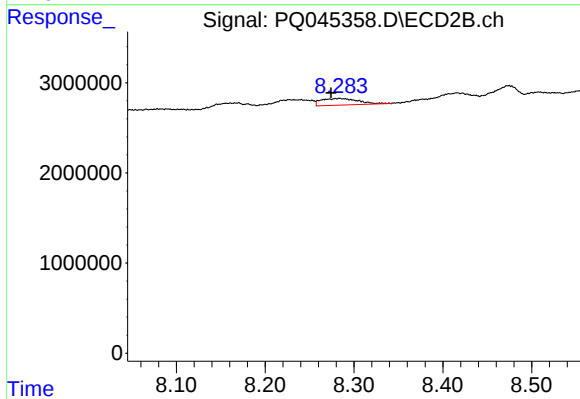
#36 AR-1262-1

R.T.: 7.736 min
Delta R.T.: 0.014 min
Response: 1338797
Conc: 9.18 ng/ml



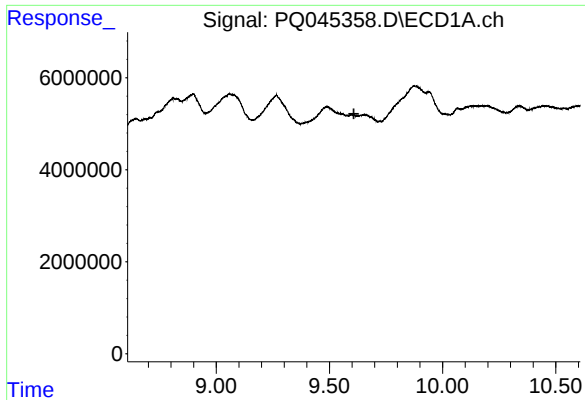
#37 AR-1262-2

R.T.: 9.266 min
Delta R.T.: -0.024 min
Response: 32864929
Conc: 50.70 ng/ml



#37 AR-1262-2

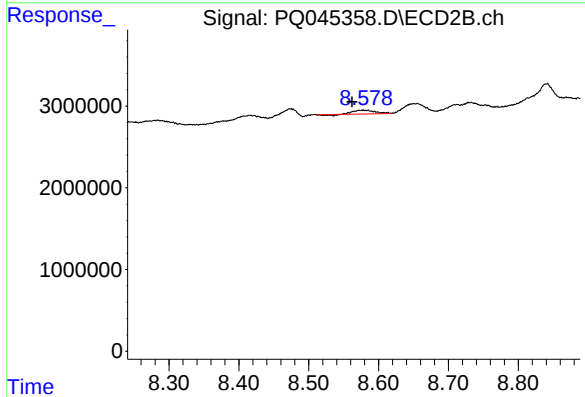
R.T.: 8.283 min
Delta R.T.: 0.009 min
Response: 2143899
Conc: 3.30 ng/ml



#38 AR-1262-3

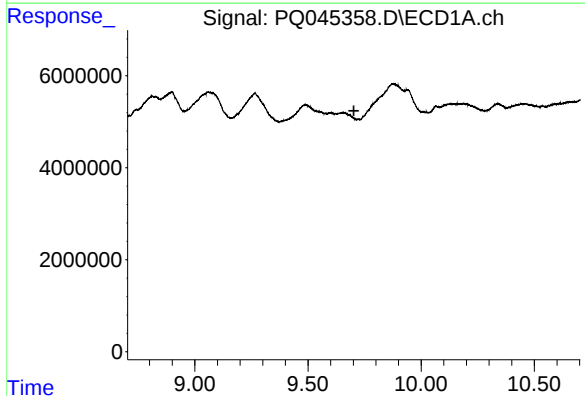
R.T.: 0.000 min
Exp R.T.: 9.608 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



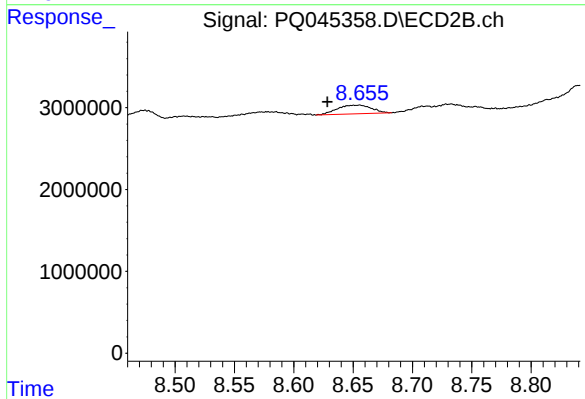
#38 AR-1262-3

R.T.: 8.578 min
Delta R.T.: 0.016 min
Response: 914179
Conc: 3.43 ng/ml



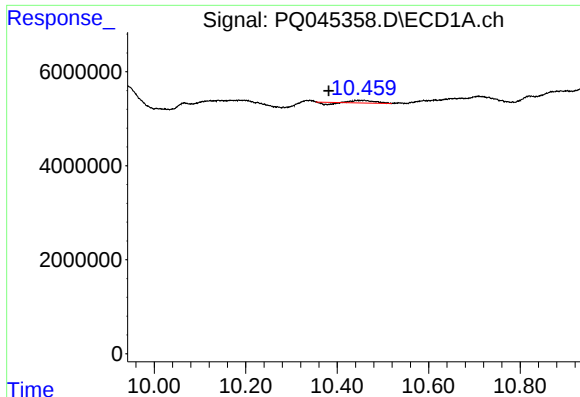
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.703 min
Response: 0
Conc: N.D.



#39 AR-1262-4

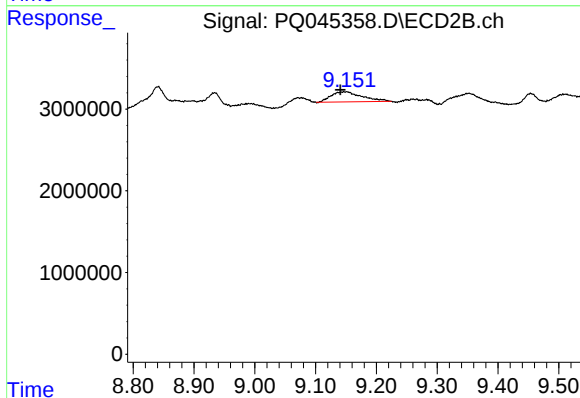
R.T.: 8.653 min
Delta R.T.: 0.025 min
Response: 2113236
Conc: 4.04 ng/ml



#40 AR-1262-5

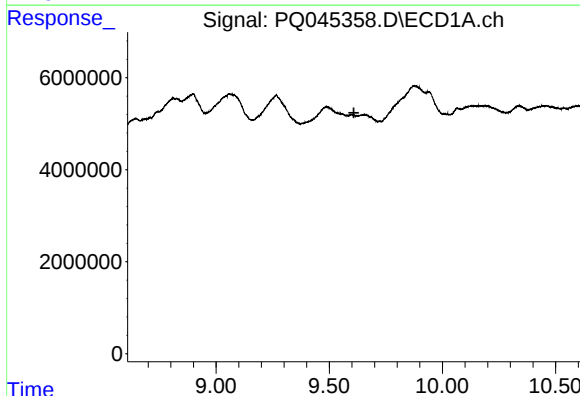
R.T.: 10.440 min
Delta R.T.: 0.059 min
Response: 1205767
Conc: 4.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



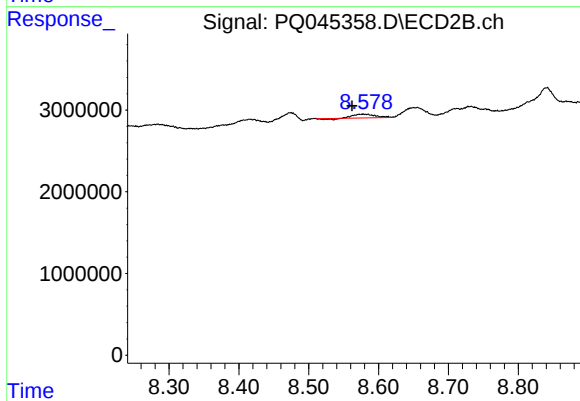
#40 AR-1262-5

R.T.: 9.150 min
Delta R.T.: 0.009 min
Response: 4392937
Conc: 15.97 ng/ml



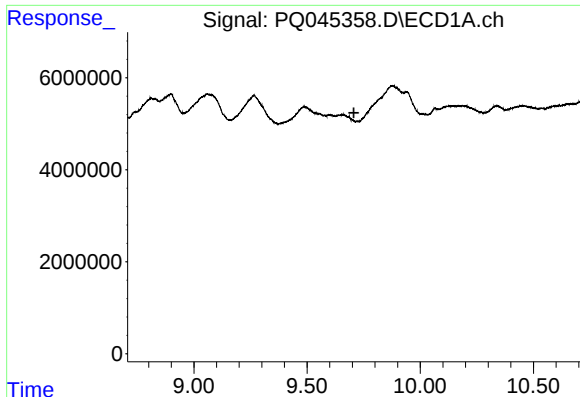
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.609 min
Response: 0
Conc: N.D.



#41 AR-1268-1

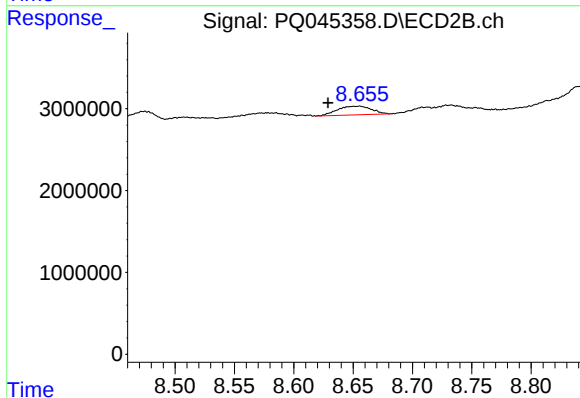
R.T.: 8.578 min
Delta R.T.: 0.016 min
Response: 914179
Conc: 1.14 ng/ml



#42 AR-1268-2

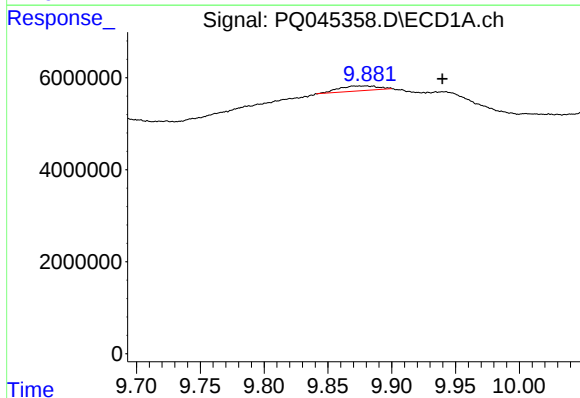
R.T.: 0.000 min
Exp R.T.: 9.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



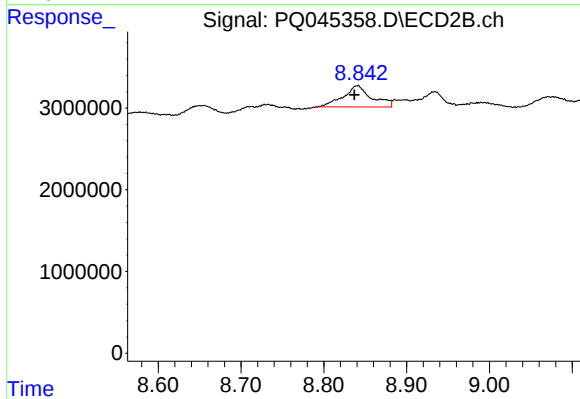
#42 AR-1268-2

R.T.: 8.653 min
Delta R.T.: 0.024 min
Response: 2113236
Conc: 2.78 ng/ml



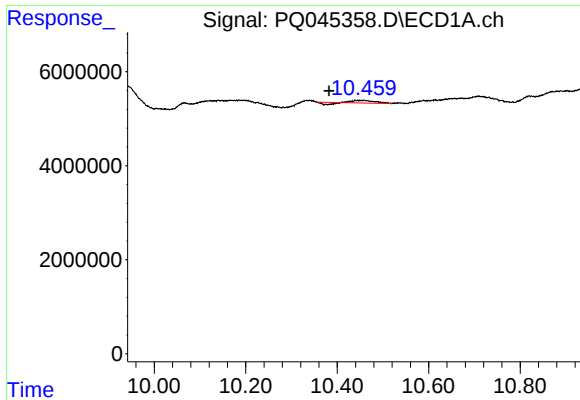
#43 AR-1268-3

R.T.: 9.879 min
Delta R.T.: -0.060 min
Response: 2405492
Conc: 3.43 ng/ml



#43 AR-1268-3

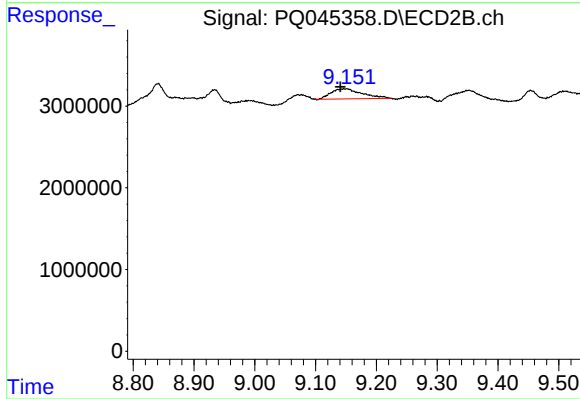
R.T.: 8.840 min
Delta R.T.: 0.003 min
Response: 6177596
Conc: 9.89 ng/ml



#44 AR-1268-4

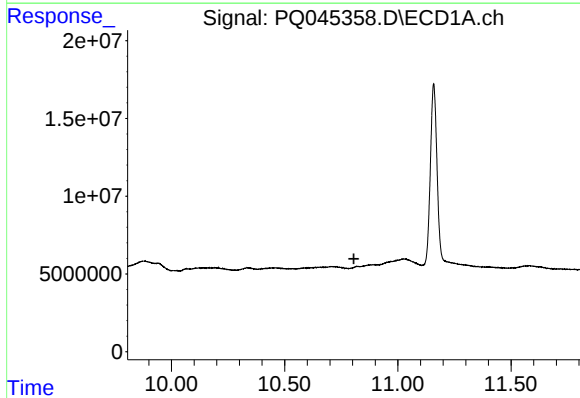
R.T.: 10.440 min
Delta R.T.: 0.058 min
Response: 1205767
Conc: 3.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



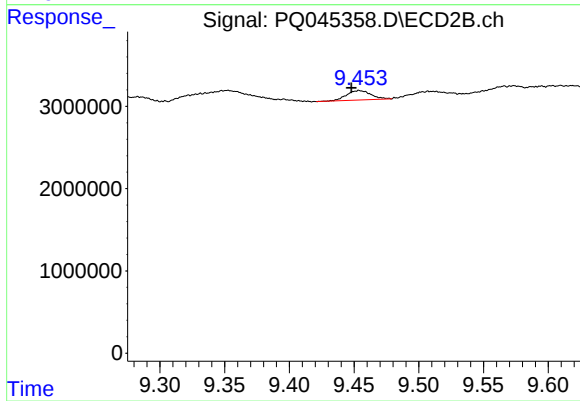
#44 AR-1268-4

R.T.: 9.150 min
Delta R.T.: 0.009 min
Response: 4392937
Conc: 13.80 ng/ml



#45 AR-1268-5

R.T.: 10.820 min
Delta R.T.: 0.014 min
Response: -581169
Conc: N.D.



#45 AR-1268-5

R.T.: 9.454 min
Delta R.T.: 0.006 min
Response: 1526934
Conc: 0.63 ng/ml