

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092421\
 Data File : PQ054733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2021 13:40
 Operator : AJ\MA
 Sample : M3862-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 00:48:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.200	4.206	514.2E6	271.9E6	21.531	20.570
2)	SA Decachlor...	11.366	9.533	350.9E6	248.0E6	20.792	18.298
Target Compounds							
3)	L1 AR-1016-1	0.000	5.486f	0	25456021	N.D.	56.090 #
4)	L1 AR-1016-2	6.558	5.486	92032907	25456021	75.447	35.870 #
5)	L1 AR-1016-3	6.622	0.000	65900253	0	87.046	N.D. #
6)	L1 AR-1016-4	6.738	5.716	84376585	14743799	136.463	53.083 #
8)	L2 AR-1221-1	5.428f	4.482f	59741821	25162552	231.903	193.578
9)	L2 AR-1221-2	5.557	4.561	6544321	9139883	34.236	95.929 #
10)	L2 AR-1221-3	5.649	0.000	4907397	0	8.188	N.D. #
11)	L3 AR-1232-1	5.649	0.000	4907397	0	10.605	N.D. #
12)	L3 AR-1232-2	6.217	5.486	4546385	25456021	16.062	81.997 #
13)	L3 AR-1232-3	6.558	0.000	92032907	0	175.032	N.D. #
14)	L3 AR-1232-4	6.738	5.770	84376585	13445866	315.821	106.443 #
15)	L3 AR-1232-5	6.810	5.957	102.7E6	4815735	507.753	33.205 #
16)	L4 AR-1242-1	0.000	5.486f	0	25456021	N.D.	78.912 #
17)	L4 AR-1242-2	6.558	5.486	92032907	25456021	102.574	49.951 #
18)	L4 AR-1242-3	6.622	0.000	65900253	0	117.270	N.D. #
19)	L4 AR-1242-4	6.738	5.770	84376585	13445866	184.437	53.127 #
20)	L4 AR-1242-5	0.000	6.336	0	26744387	N.D.	75.277 #
21)	L5 AR-1248-1	0.000	5.486f	0	25456021	N.D.	97.293 #
22)	L5 AR-1248-2	6.810	5.716	102.7E6	14743799	158.021	41.395 #
23)	L5 AR-1248-3	7.061f	5.770	-12481548	13445866	N.D.	37.811 #
24)	L5 AR-1248-4	7.464	5.957	46788704	4815735	59.144	11.211 #
25)	L5 AR-1248-5	0.000	6.383	0	9151799	N.D.	21.362 #
26)	L6 AR-1254-1	7.433	6.336	29829494	26744387	34.244	35.107
27)	L6 AR-1254-2	7.659	6.495	117.4E6	36385783	87.755	51.996 #
28)	L6 AR-1254-3	8.044	6.915	156.1E6	31385477	112.085	28.470 #
29)	L6 AR-1254-4	8.339	7.155	114.4E6	34620029	107.430	45.787 #
30)	L6 AR-1254-5	8.766	7.582	114.9E6	66857678	99.950	60.411 #
31)	L7 AR-1260-1	8.208	7.051	81913151	38723239	82.541	51.564 #
32)	L7 AR-1260-2	8.471	7.247	105.4E6	45945840	89.557	44.396 #
33)	L7 AR-1260-3	0.000	7.401	0	40674170	N.D.	46.004 #
34)	L7 AR-1260-4	9.073	7.883	111.1E6	16997058	118.966	24.563 #
35)	L7 AR-1260-5	9.424	8.134	84809225	11782498	46.004	6.164 #
36)	L8 AR-1262-1	0.000	7.582	0	66857678	N.D.	129.399 #
37)	L8 AR-1262-2	9.424	8.134	84809225	11782498	39.102	5.320 #
38)	L8 AR-1262-3	0.000	8.425	0	15083669	N.D.	17.000 #
39)	L8 AR-1262-4	9.853	8.475	103.8E6	100.6E6	184.063	66.159 #
40)	L8 AR-1262-5	10.584f	8.991	242.1E6	41023950	315.058	59.733 #
41)	L9 AR-1268-1	0.000	8.425	0	15083669	N.D.	5.557 #
42)	L9 AR-1268-2	9.853	8.475	103.8E6	100.6E6	45.399	43.674

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 Acq On : 24 Sep 2021 13:40
 Operator : AJ\MA
 Sample : M3862-01
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Instrument :
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 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 00:48:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

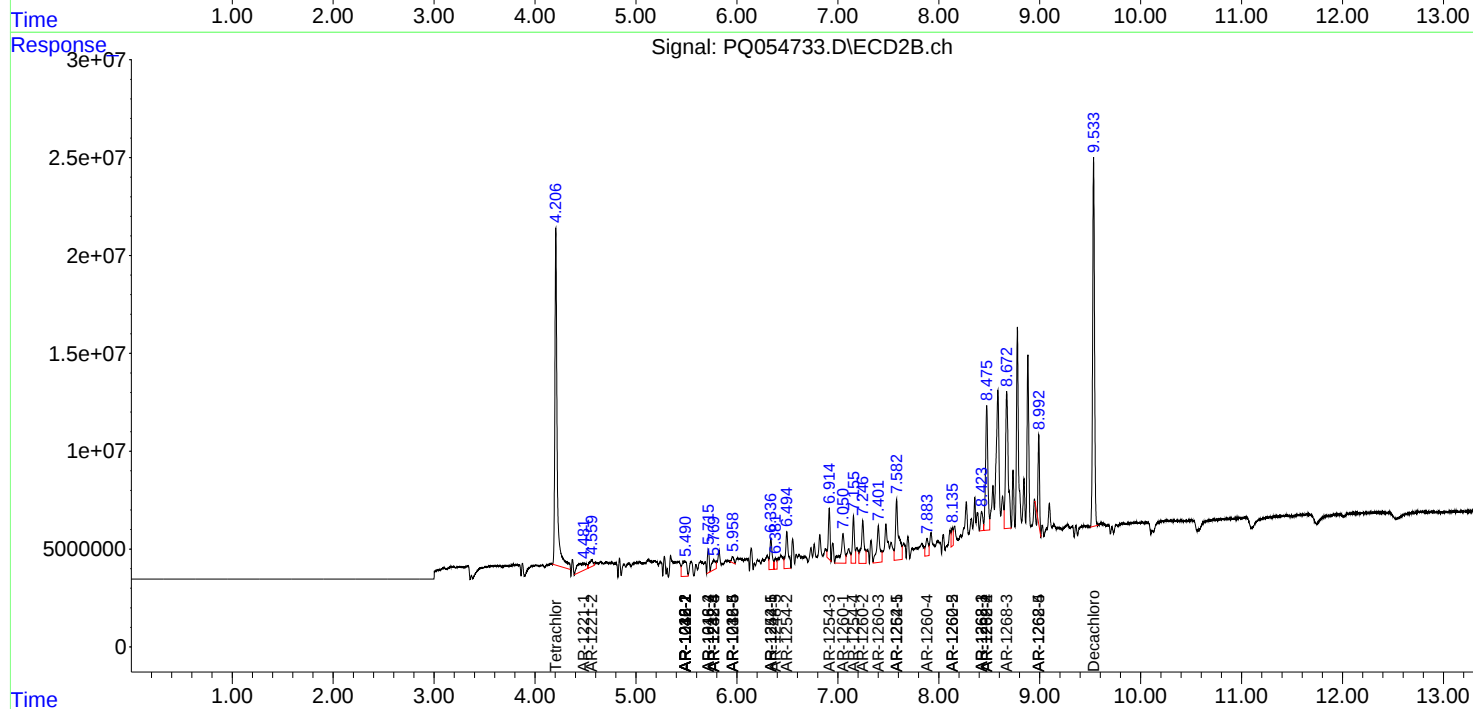
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

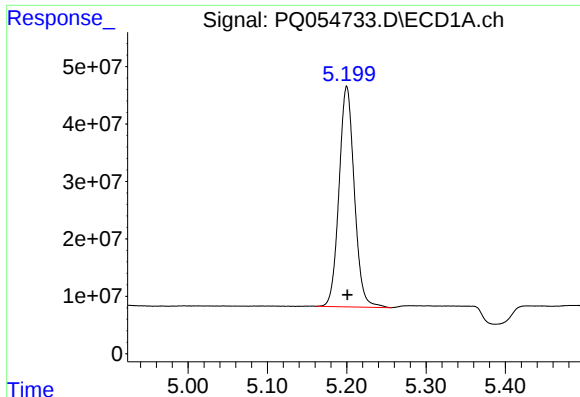
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.125f	8.673f	133.7E6	130.0E6	69.623	64.504
44) L9	AR-1268-4	10.584f	8.991	242.1E6	41023950	283.750	52.771 #
45) L9	AR-1268-5	11.007	0.000	48269042	0	7.657	N.D. #

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

Instrument :
ECD_Q
ClientSampleId :

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

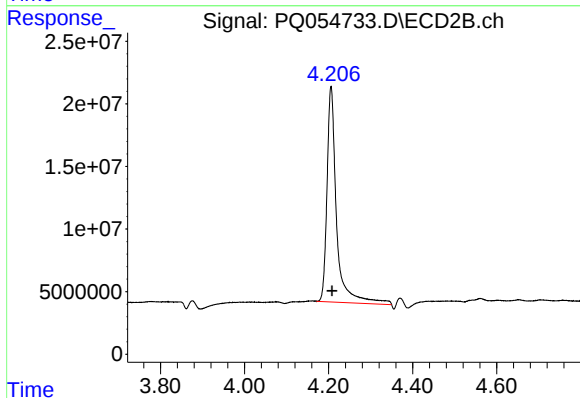




#1 Tetrachloro-m-xylene

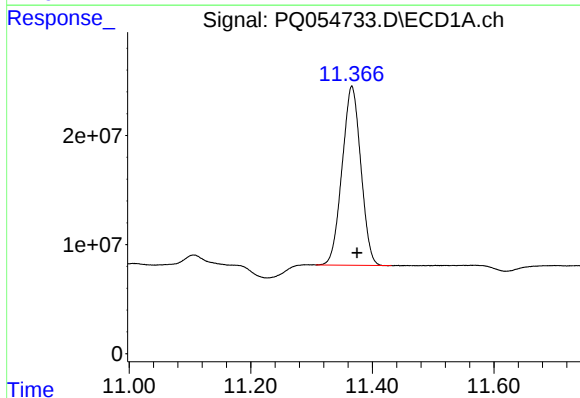
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 514182758
Conc: 21.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



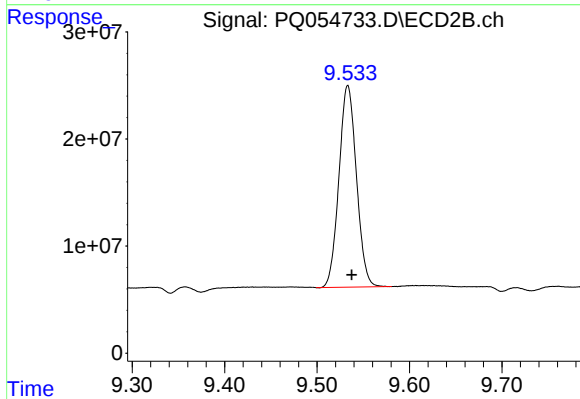
#1 Tetrachloro-m-xylene

R.T.: 4.206 min
Delta R.T.: -0.002 min
Response: 271932936
Conc: 20.57 ng/ml



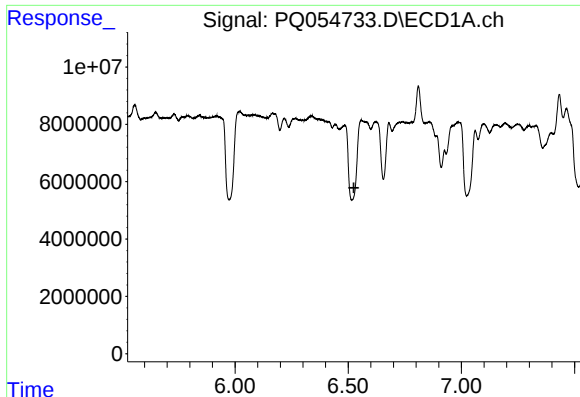
#2 Decachlorobiphenyl

R.T.: 11.366 min
Delta R.T.: -0.009 min
Response: 350925915
Conc: 20.79 ng/ml



#2 Decachlorobiphenyl

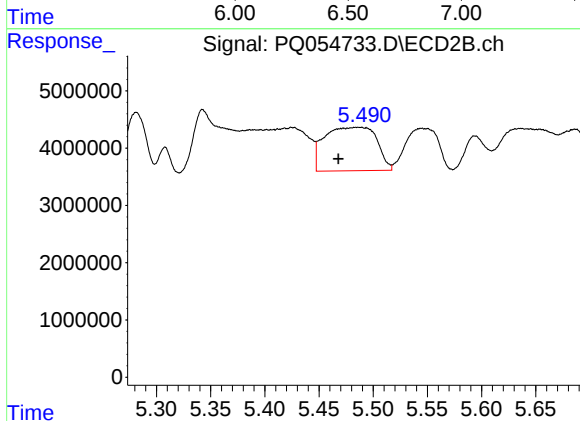
R.T.: 9.533 min
Delta R.T.: -0.004 min
Response: 247980708
Conc: 18.30 ng/ml



#3 AR-1016-1

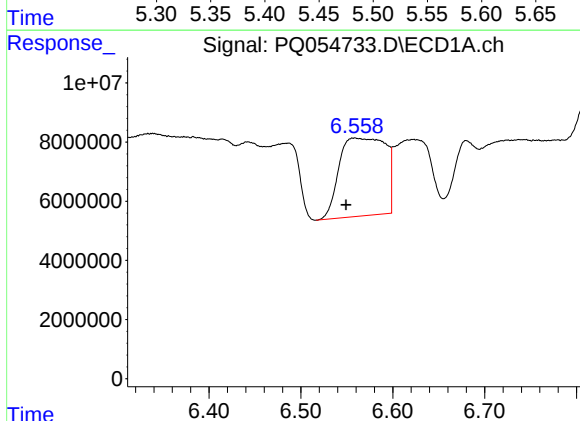
R.T.: 0.000 min
Exp R.T.: 6.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



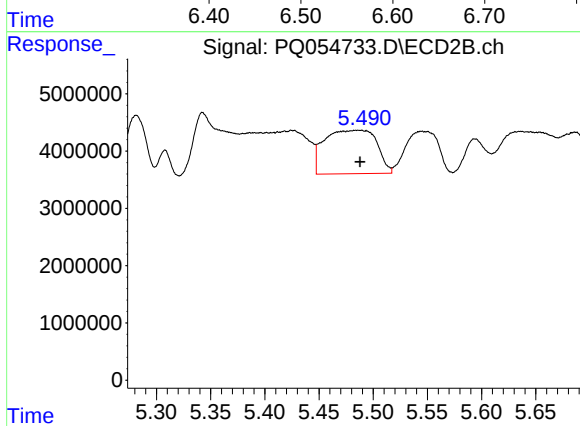
#3 AR-1016-1

R.T.: 5.486 min
Delta R.T.: 0.018 min
Response: 25456021
Conc: 56.09 ng/ml



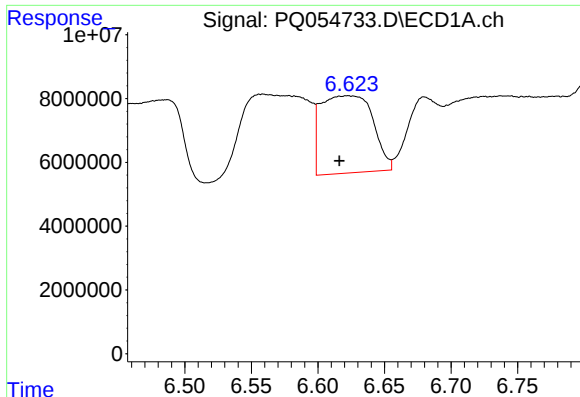
#4 AR-1016-2

R.T.: 6.558 min
Delta R.T.: 0.009 min
Response: 92032907
Conc: 75.45 ng/ml



#4 AR-1016-2

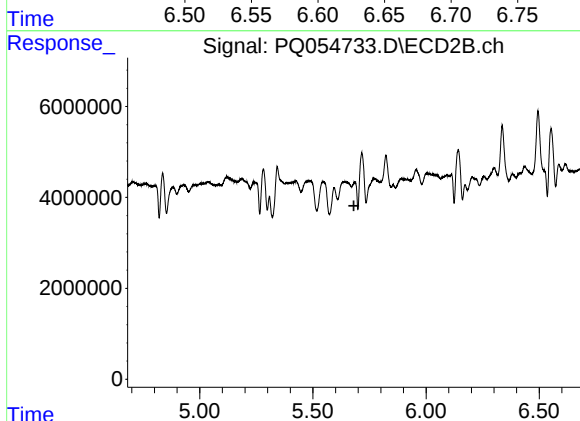
R.T.: 5.486 min
Delta R.T.: -0.002 min
Response: 25456021
Conc: 35.87 ng/ml



#5 AR-1016-3

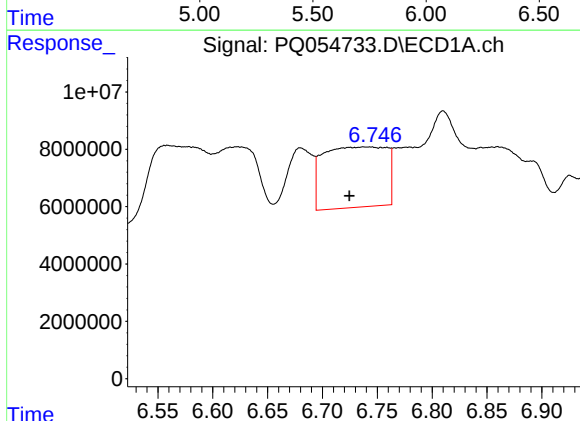
R.T.: 6.622 min
Delta R.T.: 0.006 min
Response: 65900253
Conc: 87.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



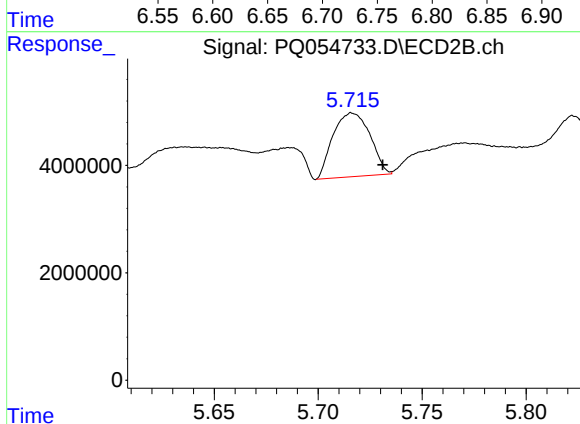
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



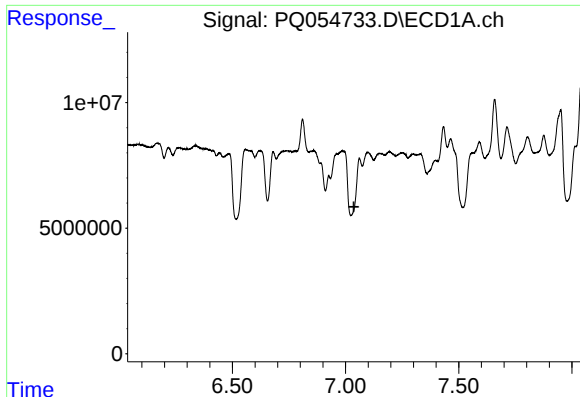
#6 AR-1016-4

R.T.: 6.738 min
Delta R.T.: 0.013 min
Response: 84376585
Conc: 136.46 ng/ml



#6 AR-1016-4

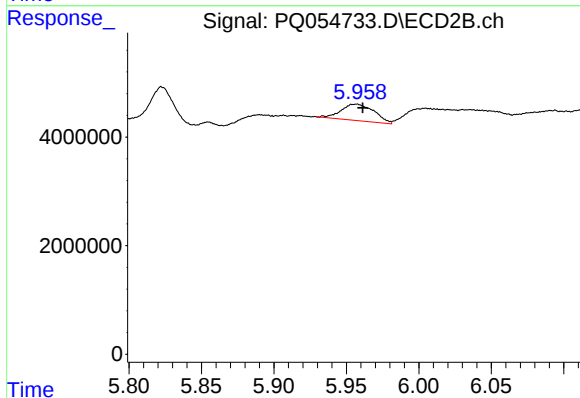
R.T.: 5.716 min
Delta R.T.: -0.015 min
Response: 14743799
Conc: 53.08 ng/ml



#7 AR-1016-5

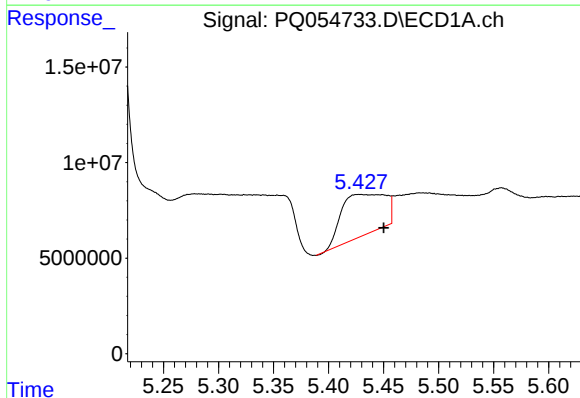
R.T.: 7.061 min
Delta R.T.: 0.024 min
Response: -12481548
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



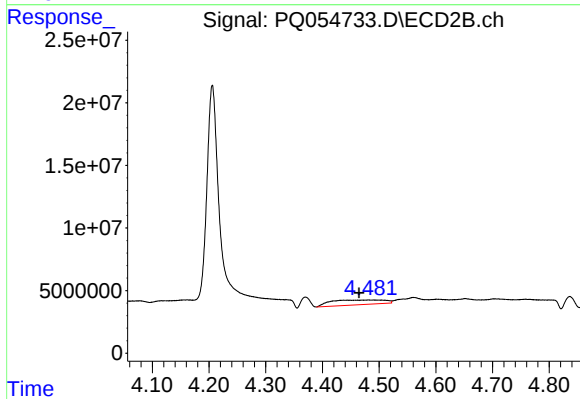
#7 AR-1016-5

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 4815735
Conc: 13.95 ng/ml



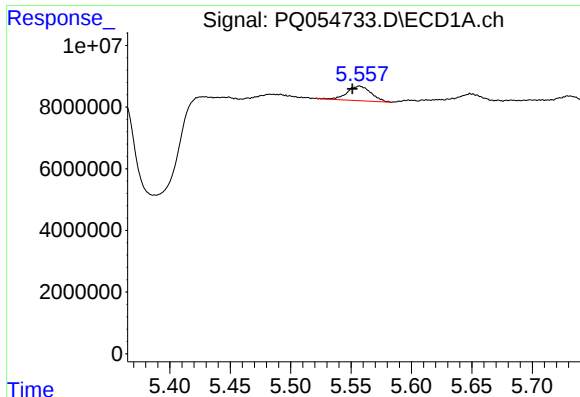
#8 AR-1221-1

R.T.: 5.428 min
Delta R.T.: -0.023 min
Response: 59741821
Conc: 231.90 ng/ml



#8 AR-1221-1

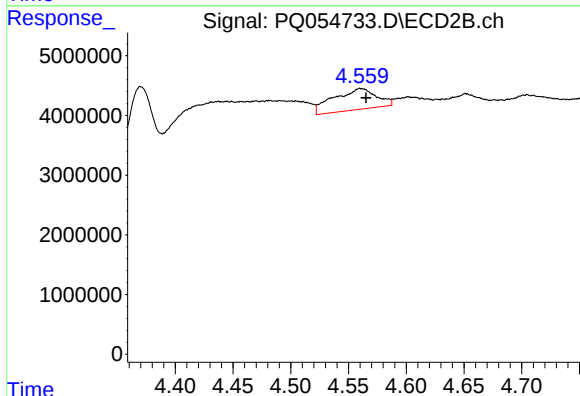
R.T.: 4.482 min
Delta R.T.: 0.017 min
Response: 25162552
Conc: 193.58 ng/ml



#9 AR-1221-2

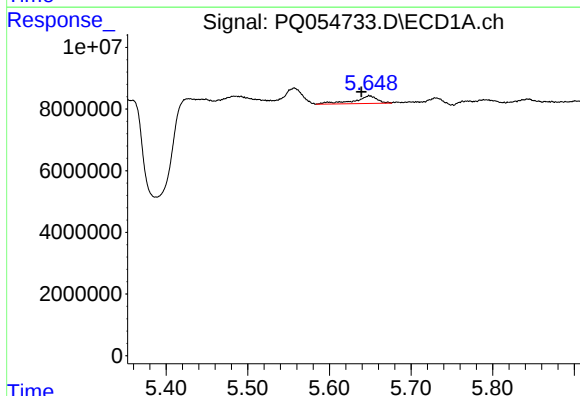
R.T.: 5.557 min
Delta R.T.: 0.006 min
Response: 6544321
Conc: 34.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



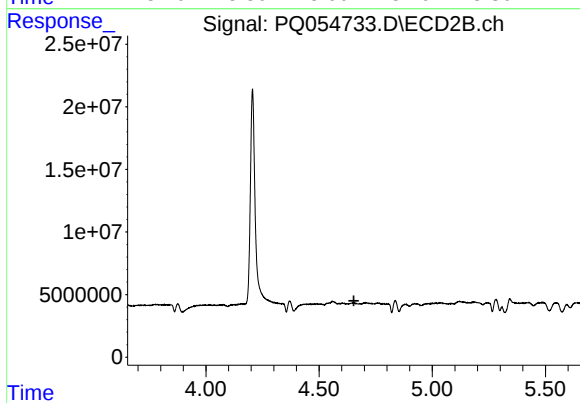
#9 AR-1221-2

R.T.: 4.561 min
Delta R.T.: -0.005 min
Response: 9139883
Conc: 95.93 ng/ml



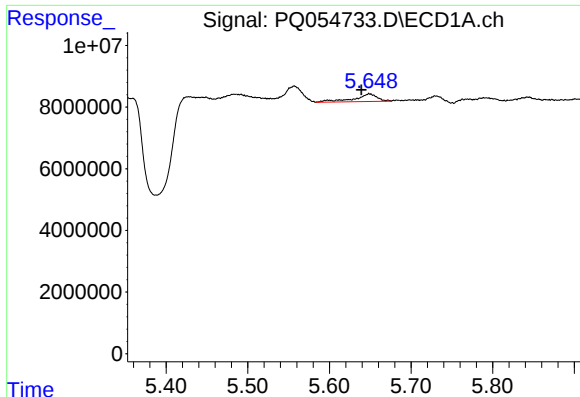
#10 AR-1221-3

R.T.: 5.649 min
Delta R.T.: 0.010 min
Response: 4907397
Conc: 8.19 ng/ml



#10 AR-1221-3

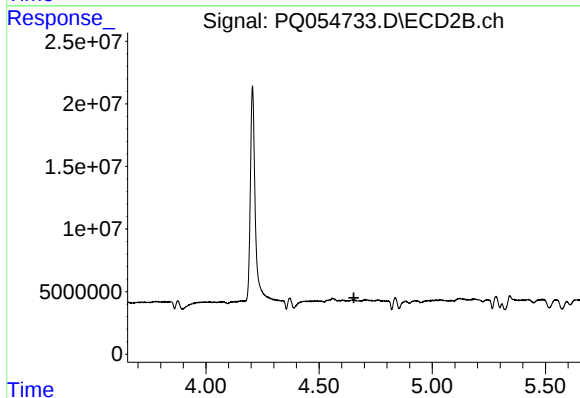
R.T.: 0.000 min
Exp R.T.: 4.654 min
Response: 0
Conc: N.D.



#11 AR-1232-1

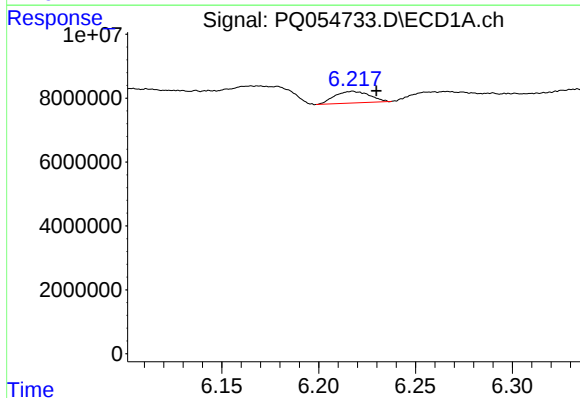
R.T.: 5.649 min
Delta R.T.: 0.010 min
Response: 4907397
Conc: 10.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



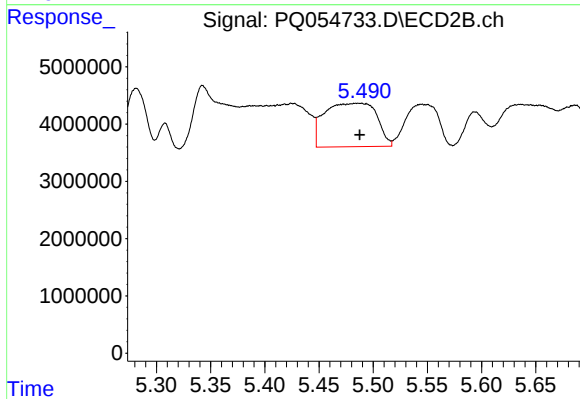
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



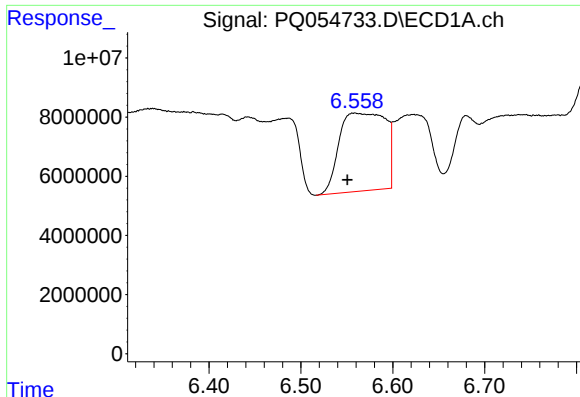
#12 AR-1232-2

R.T.: 6.217 min
Delta R.T.: -0.012 min
Response: 4546385
Conc: 16.06 ng/ml



#12 AR-1232-2

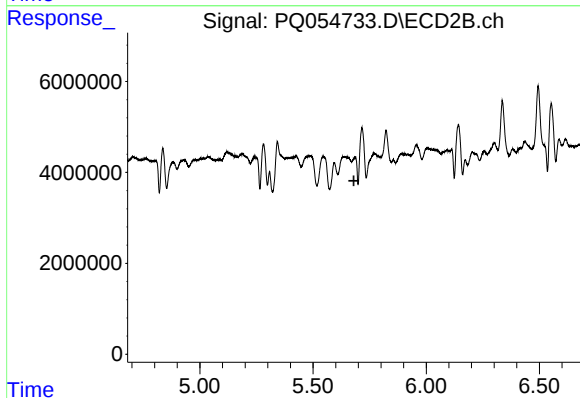
R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 25456021
Conc: 82.00 ng/ml



#13 AR-1232-3

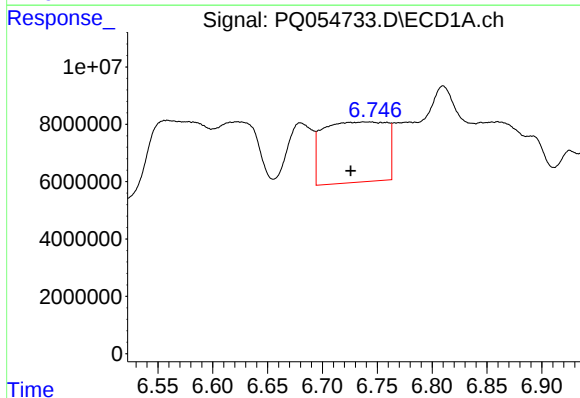
R.T.: 6.558 min
Delta R.T.: 0.008 min
Response: 92032907
Conc: 175.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



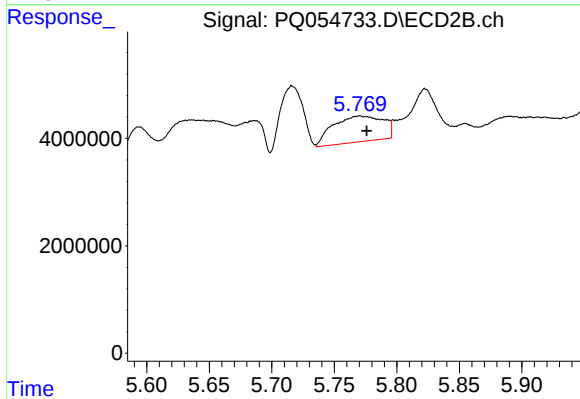
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



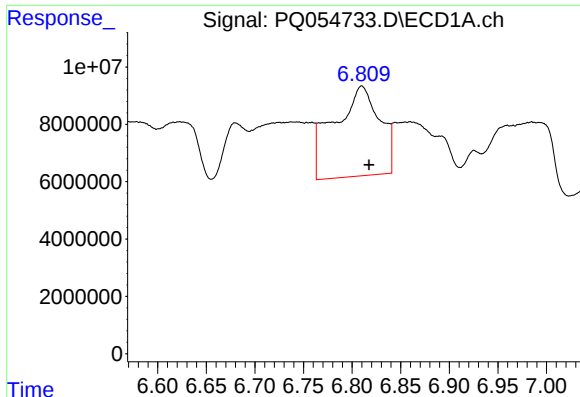
#14 AR-1232-4

R.T.: 6.738 min
Delta R.T.: 0.012 min
Response: 84376585
Conc: 315.82 ng/ml



#14 AR-1232-4

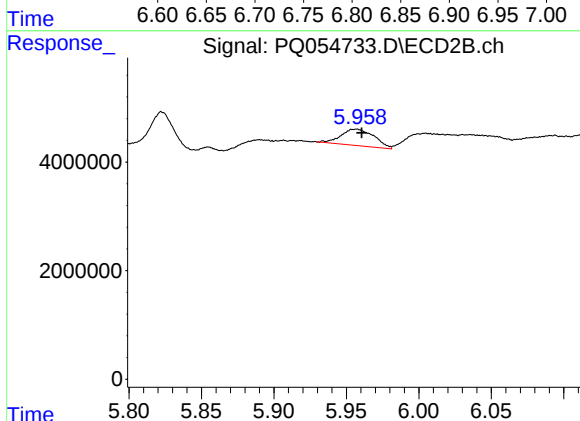
R.T.: 5.770 min
Delta R.T.: -0.006 min
Response: 13445866
Conc: 106.44 ng/ml



#15 AR-1232-5

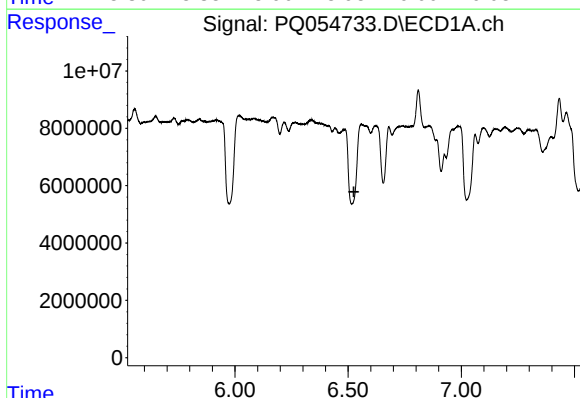
R.T.: 6.810 min
Delta R.T.: -0.007 min
Response: 102664867
Conc: 507.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



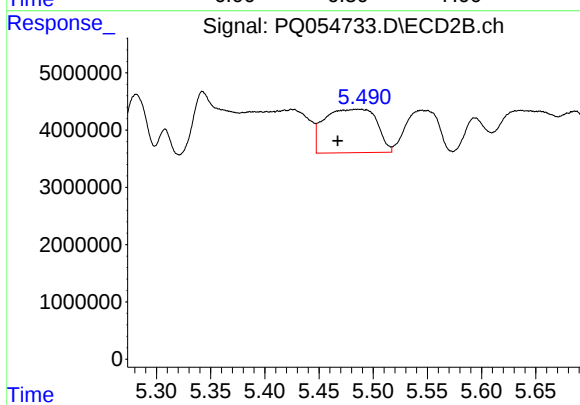
#15 AR-1232-5

R.T.: 5.957 min
Delta R.T.: -0.004 min
Response: 4815735
Conc: 33.20 ng/ml



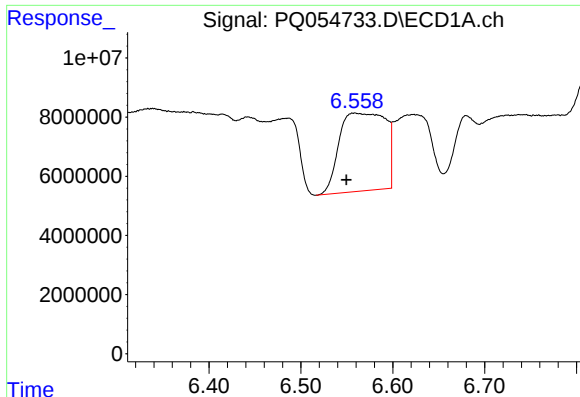
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.526 min
Response: 0
Conc: N.D.



#16 AR-1242-1

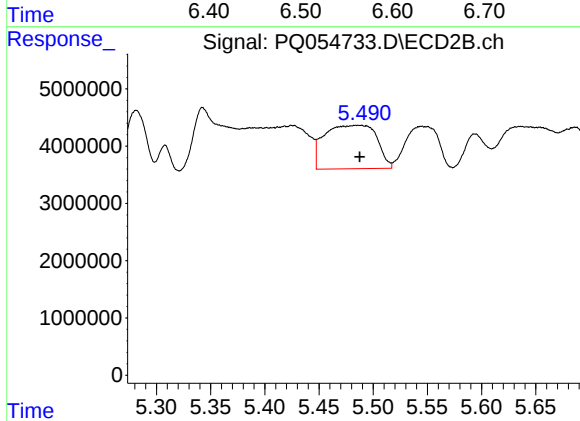
R.T.: 5.486 min
Delta R.T.: 0.019 min
Response: 25456021
Conc: 78.91 ng/ml



#17 AR-1242-2

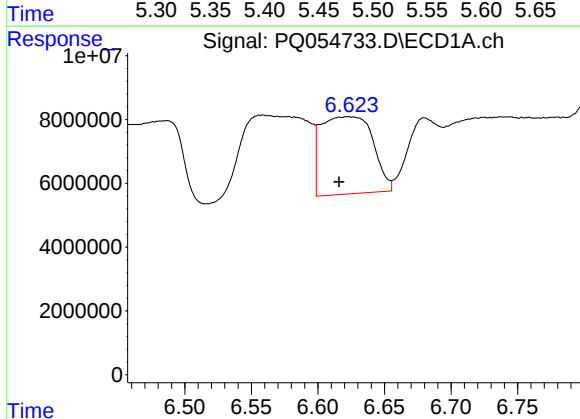
R.T.: 6.558 min
Delta R.T.: 0.009 min
Response: 92032907
Conc: 102.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



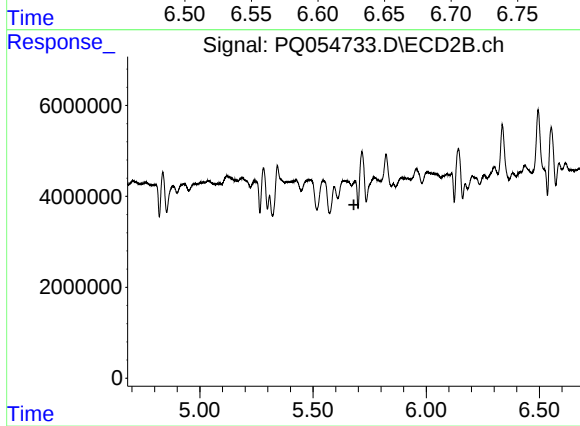
#17 AR-1242-2

R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 25456021
Conc: 49.95 ng/ml



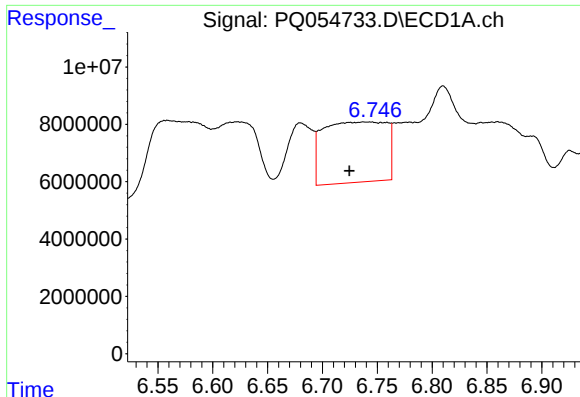
#18 AR-1242-3

R.T.: 6.622 min
Delta R.T.: 0.006 min
Response: 65900253
Conc: 117.27 ng/ml



#18 AR-1242-3

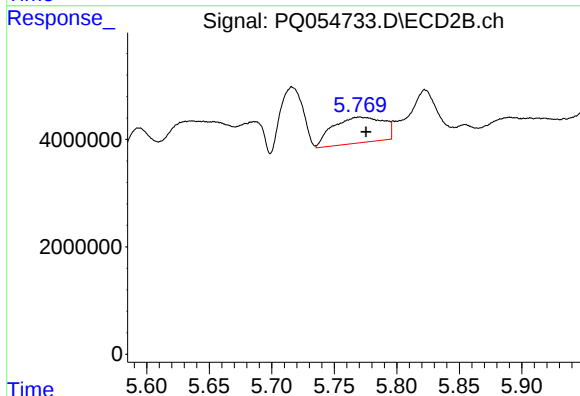
R.T.: 0.000 min
Exp R.T.: 5.680 min
Response: 0
Conc: N.D.



#19 AR-1242-4

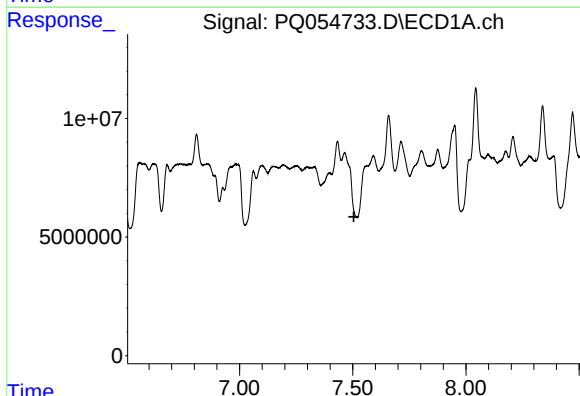
R.T.: 6.738 min
Delta R.T.: 0.013 min
Response: 84376585
Conc: 184.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



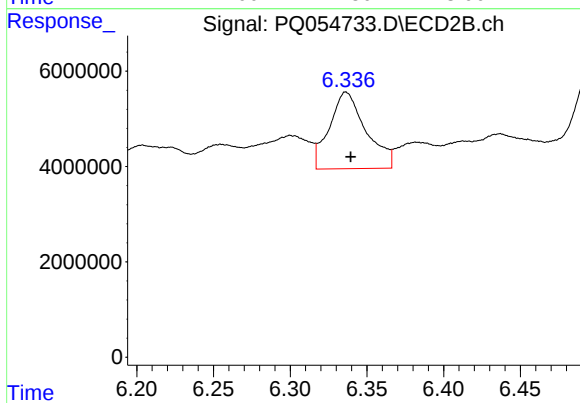
#19 AR-1242-4

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 13445866
Conc: 53.13 ng/ml



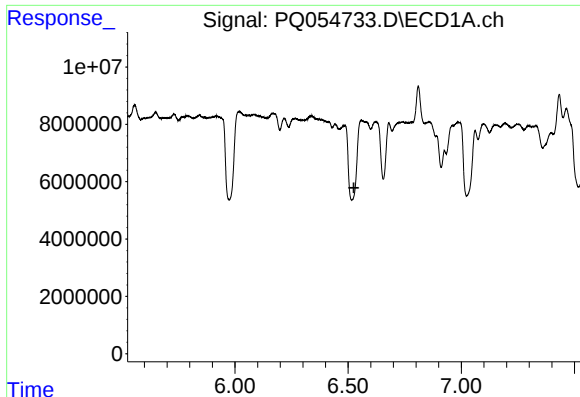
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.505 min
Response: 0
Conc: N.D.



#20 AR-1242-5

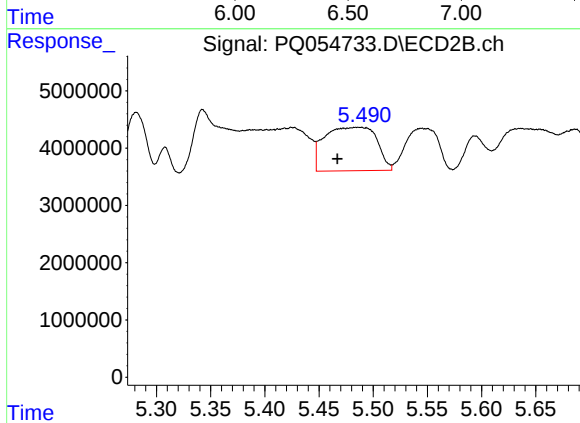
R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 26744387
Conc: 75.28 ng/ml



#21 AR-1248-1

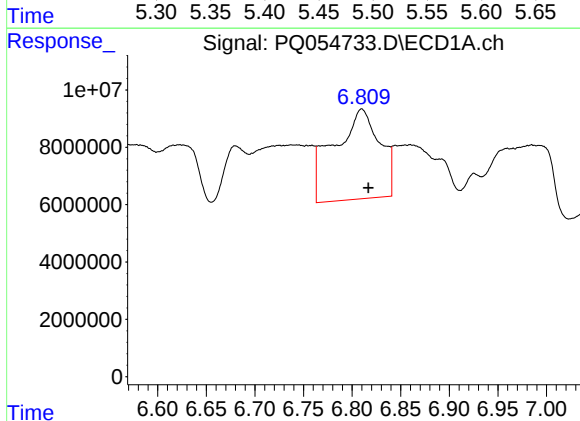
R.T.: 0.000 min
Exp R.T.: 6.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



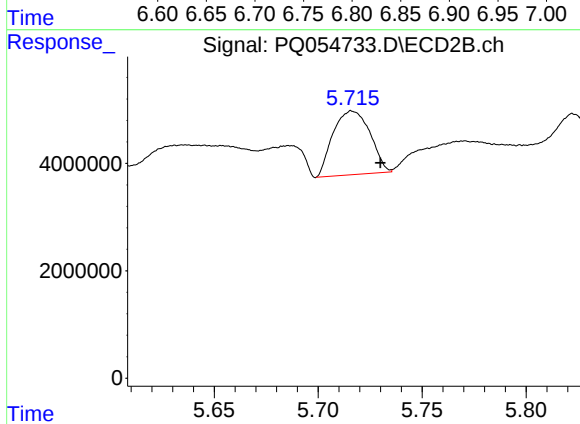
#21 AR-1248-1

R.T.: 5.486 min
Delta R.T.: 0.019 min
Response: 25456021
Conc: 97.29 ng/ml



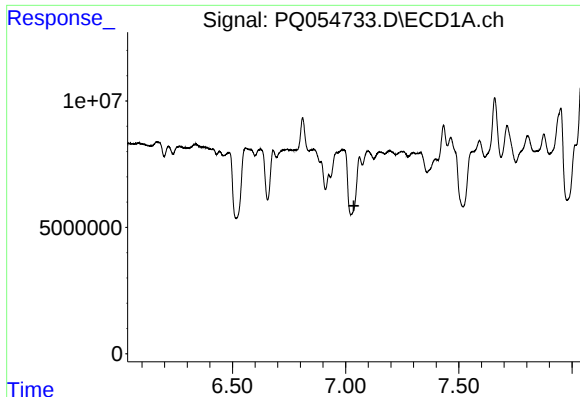
#22 AR-1248-2

R.T.: 6.810 min
Delta R.T.: -0.007 min
Response: 102664867
Conc: 158.02 ng/ml



#22 AR-1248-2

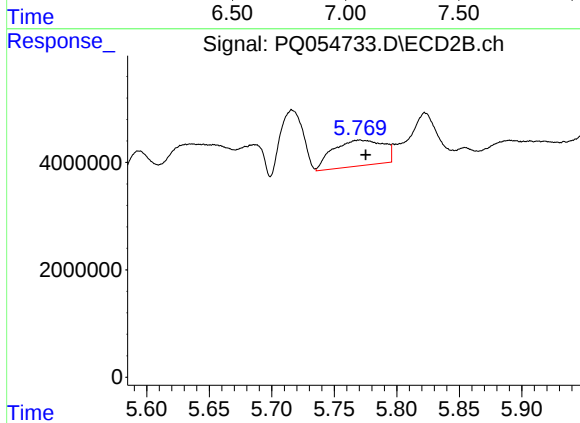
R.T.: 5.716 min
Delta R.T.: -0.014 min
Response: 14743799
Conc: 41.39 ng/ml



#23 AR-1248-3

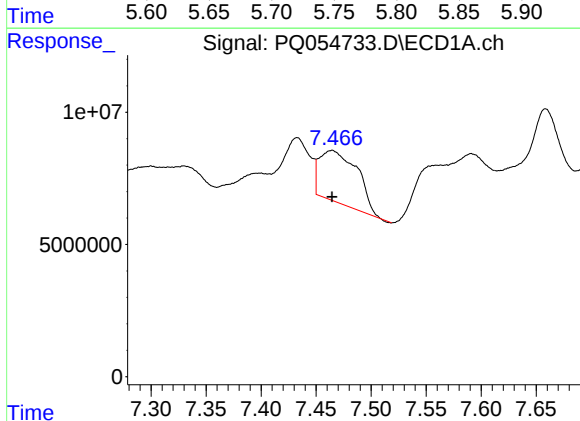
R.T.: 7.061 min
Delta R.T.: 0.025 min
Response: -12481548
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



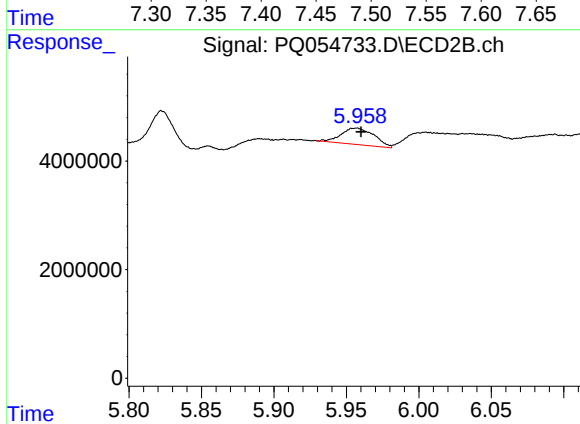
#23 AR-1248-3

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 13445866
Conc: 37.81 ng/ml



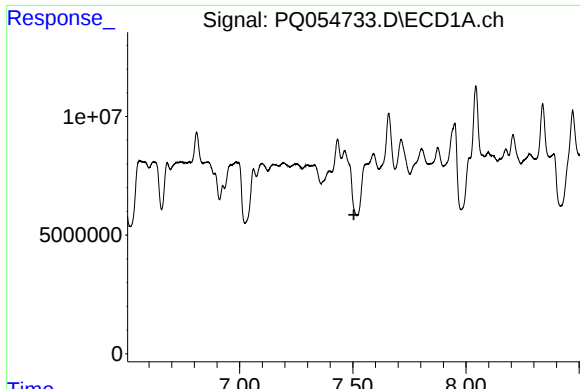
#24 AR-1248-4

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 46788704
Conc: 59.14 ng/ml



#24 AR-1248-4

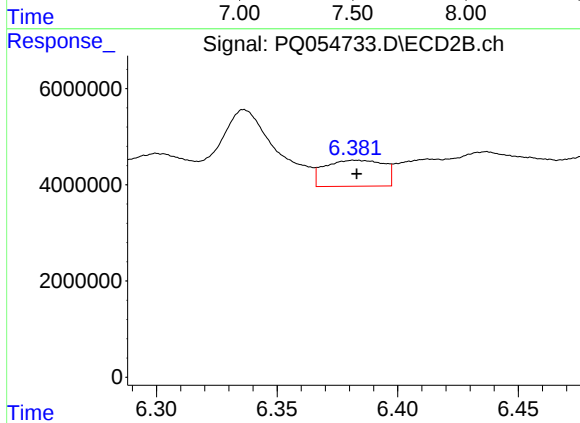
R.T.: 5.957 min
Delta R.T.: -0.003 min
Response: 4815735
Conc: 11.21 ng/ml



#25 AR-1248-5

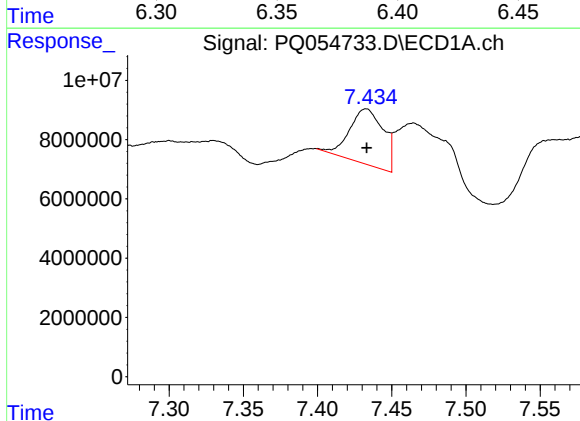
R.T.: 0.000 min
Exp R.T.: 7.505 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



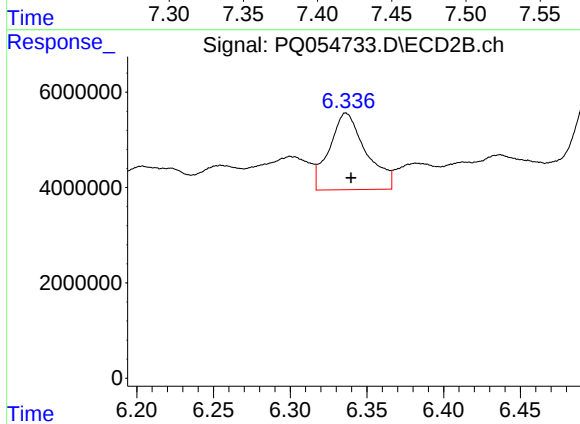
#25 AR-1248-5

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 9151799
Conc: 21.36 ng/ml



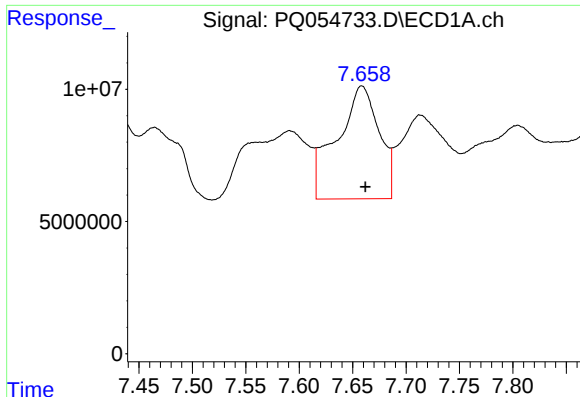
#26 AR-1254-1

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 29829494
Conc: 34.24 ng/ml



#26 AR-1254-1

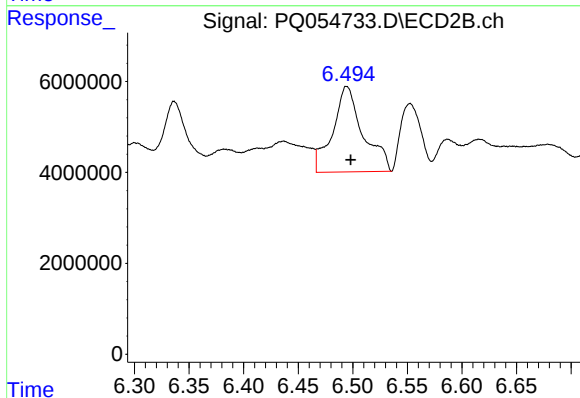
R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 26744387
Conc: 35.11 ng/ml



#27 AR-1254-2

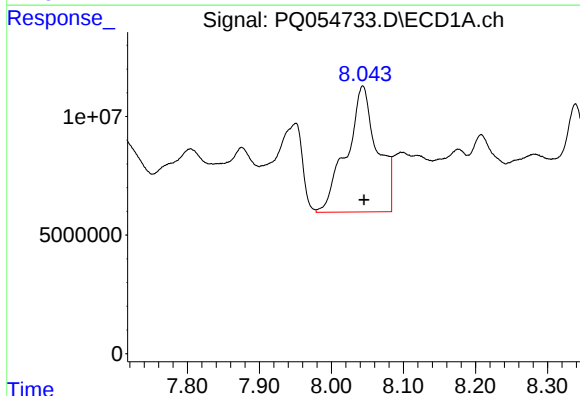
R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 117381669
Conc: 87.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



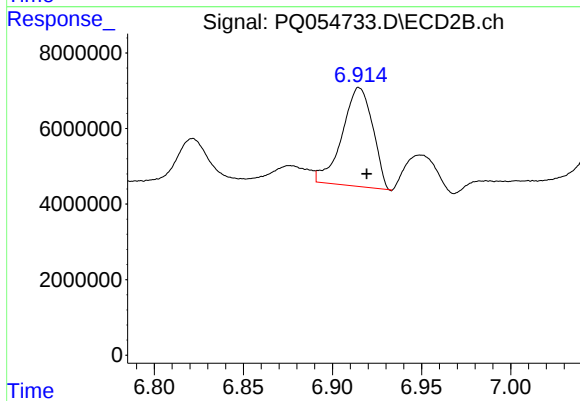
#27 AR-1254-2

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 36385783
Conc: 52.00 ng/ml



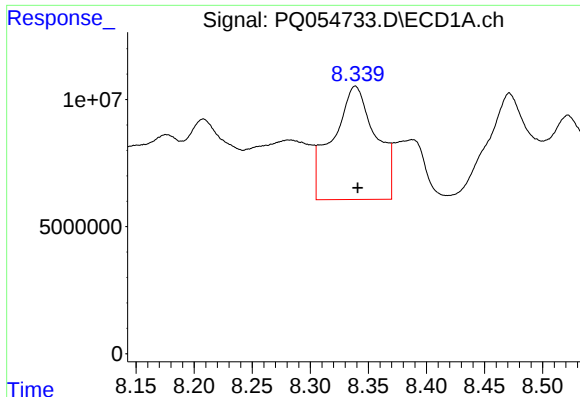
#28 AR-1254-3

R.T.: 8.044 min
Delta R.T.: -0.002 min
Response: 156106406
Conc: 112.09 ng/ml



#28 AR-1254-3

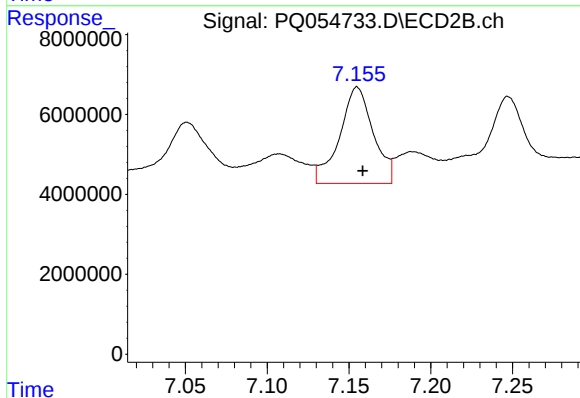
R.T.: 6.915 min
Delta R.T.: -0.004 min
Response: 31385477
Conc: 28.47 ng/ml



#29 AR-1254-4

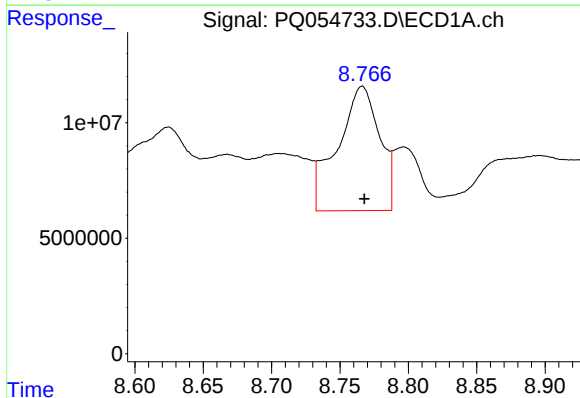
R.T.: 8.339 min
Delta R.T.: -0.002 min
Response: 114446574
Conc: 107.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



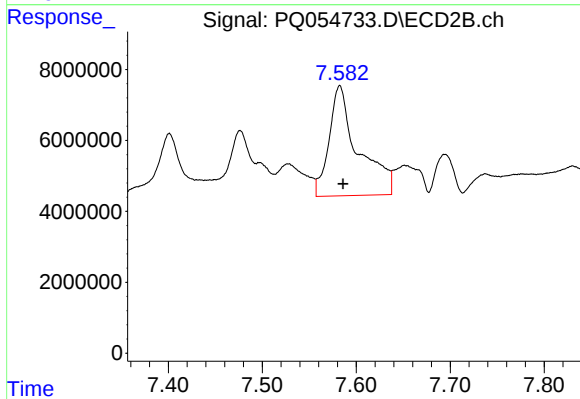
#29 AR-1254-4

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 34620029
Conc: 45.79 ng/ml



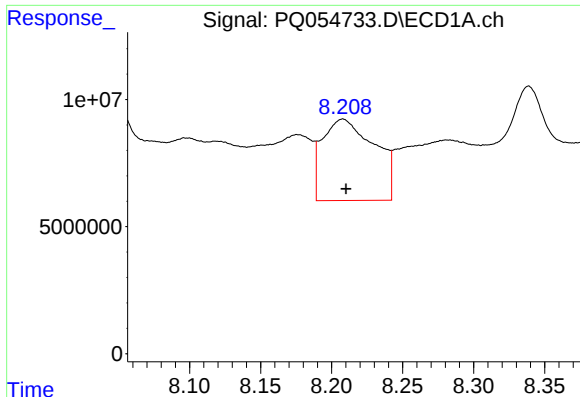
#30 AR-1254-5

R.T.: 8.766 min
Delta R.T.: -0.002 min
Response: 114871224
Conc: 99.95 ng/ml



#30 AR-1254-5

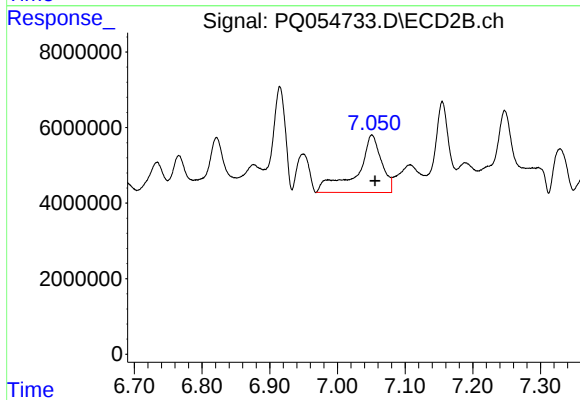
R.T.: 7.582 min
Delta R.T.: -0.004 min
Response: 66857678
Conc: 60.41 ng/ml



#31 AR-1260-1

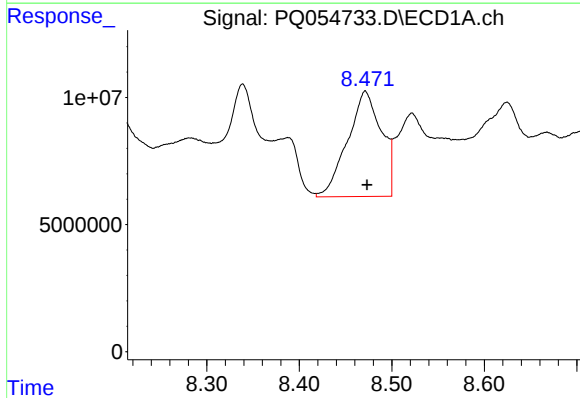
R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 81913151
Conc: 82.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



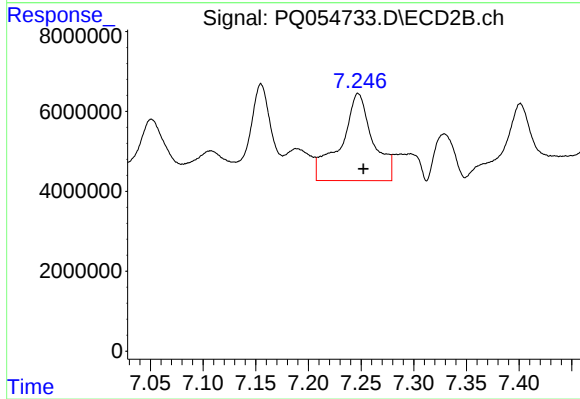
#31 AR-1260-1

R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 38723239
Conc: 51.56 ng/ml



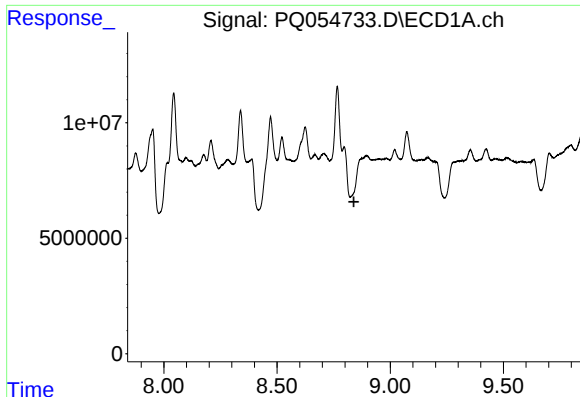
#32 AR-1260-2

R.T.: 8.471 min
Delta R.T.: -0.002 min
Response: 105381981
Conc: 89.56 ng/ml



#32 AR-1260-2

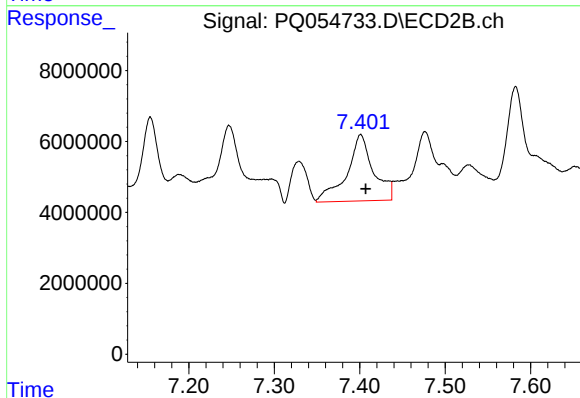
R.T.: 7.247 min
Delta R.T.: -0.005 min
Response: 45945840
Conc: 44.40 ng/ml



#33 AR-1260-3

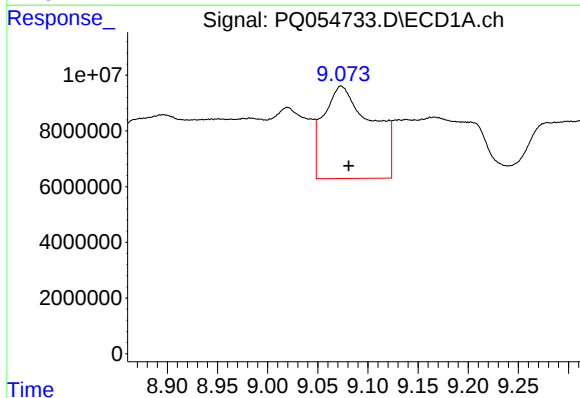
R.T.: 0.000 min
Exp R.T.: 8.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



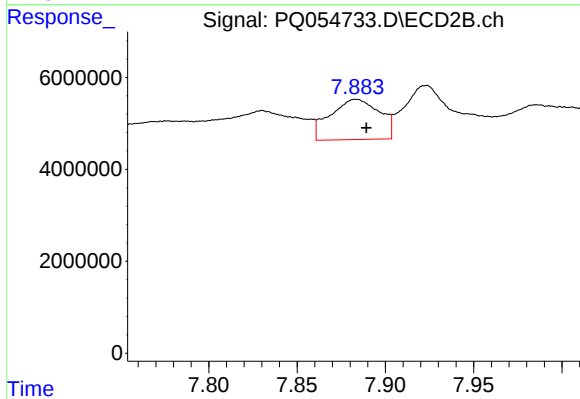
#33 AR-1260-3

R.T.: 7.401 min
Delta R.T.: -0.006 min
Response: 40674170
Conc: 46.00 ng/ml



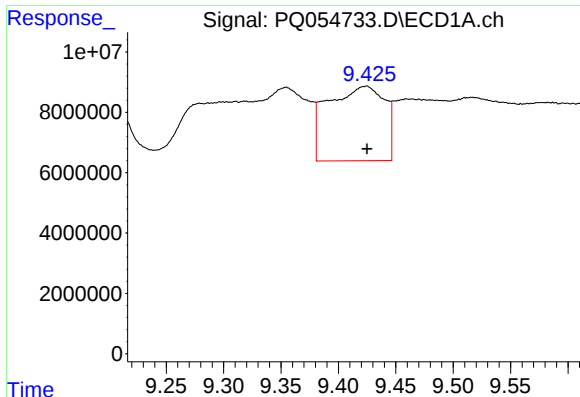
#34 AR-1260-4

R.T.: 9.073 min
Delta R.T.: -0.007 min
Response: 111124574
Conc: 118.97 ng/ml



#34 AR-1260-4

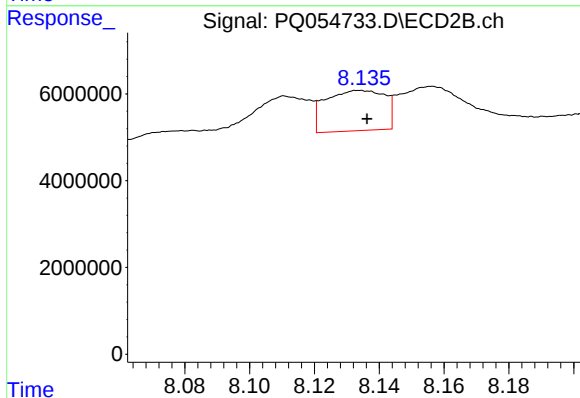
R.T.: 7.883 min
Delta R.T.: -0.006 min
Response: 16997058
Conc: 24.56 ng/ml



#35 AR-1260-5

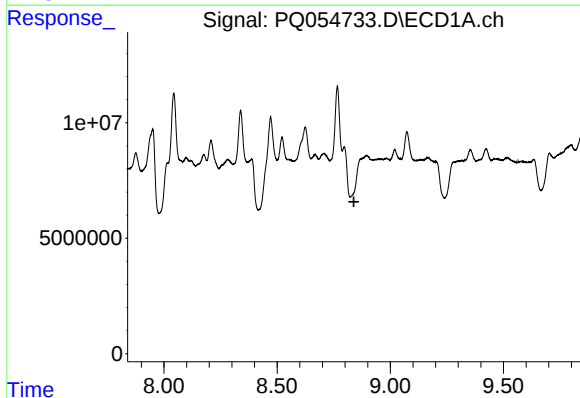
R.T.: 9.424 min
Delta R.T.: 0.000 min
Response: 84809225
Conc: 46.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



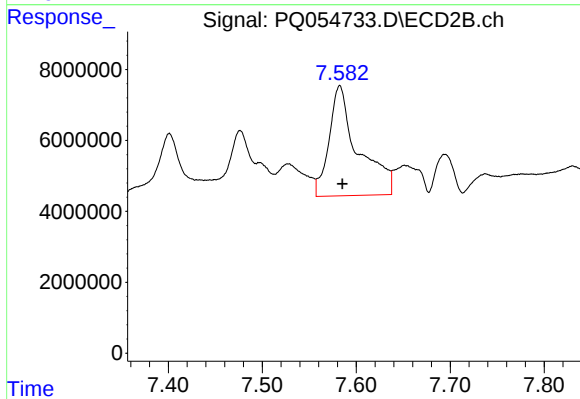
#35 AR-1260-5

R.T.: 8.134 min
Delta R.T.: -0.002 min
Response: 11782498
Conc: 6.16 ng/ml



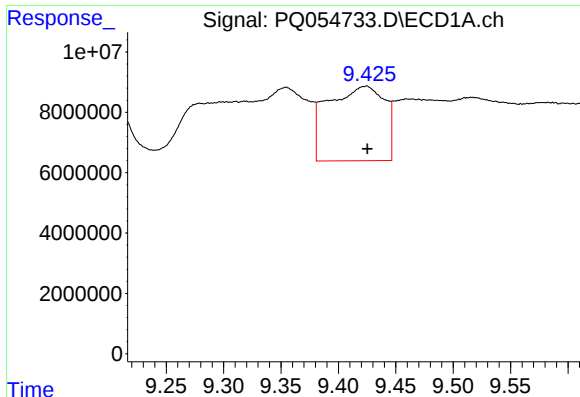
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.839 min
Response: 0
Conc: N.D.



#36 AR-1262-1

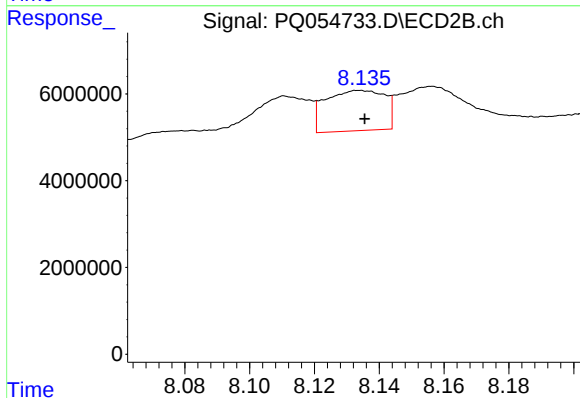
R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 66857678
Conc: 129.40 ng/ml



#37 AR-1262-2

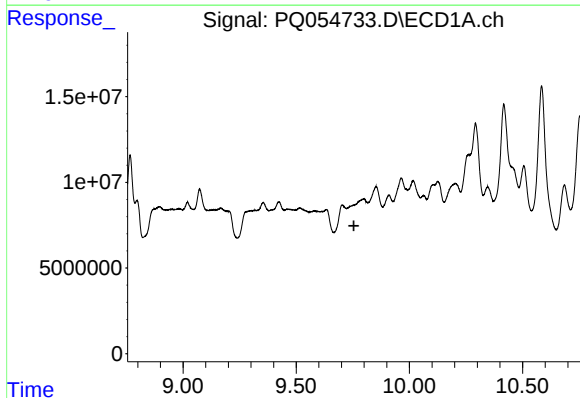
R.T.: 9.424 min
Delta R.T.: -0.001 min
Response: 84809225
Conc: 39.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



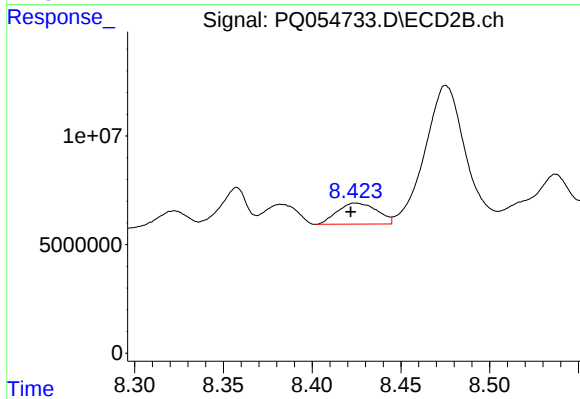
#37 AR-1262-2

R.T.: 8.134 min
Delta R.T.: -0.001 min
Response: 11782498
Conc: 5.32 ng/ml



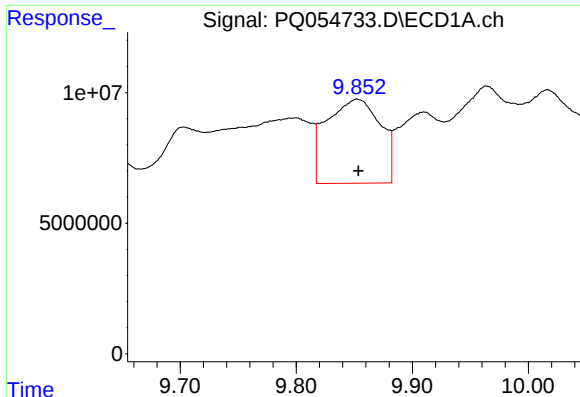
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.755 min
Response: 0
Conc: N.D.



#38 AR-1262-3

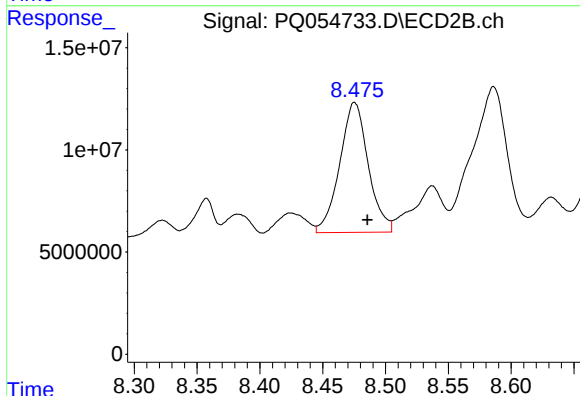
R.T.: 8.425 min
Delta R.T.: 0.003 min
Response: 15083669
Conc: 17.00 ng/ml



#39 AR-1262-4

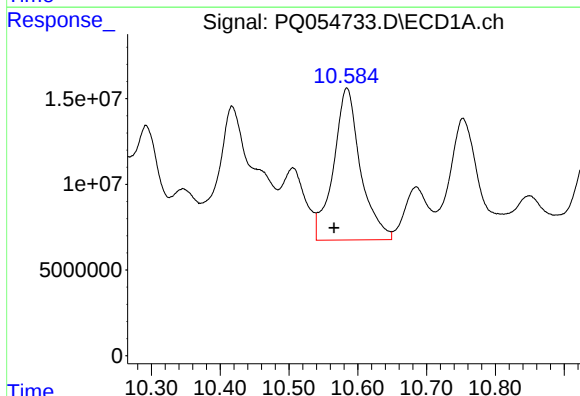
R.T.: 9.853 min
Delta R.T.: -0.001 min
Response: 103833416
Conc: 184.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



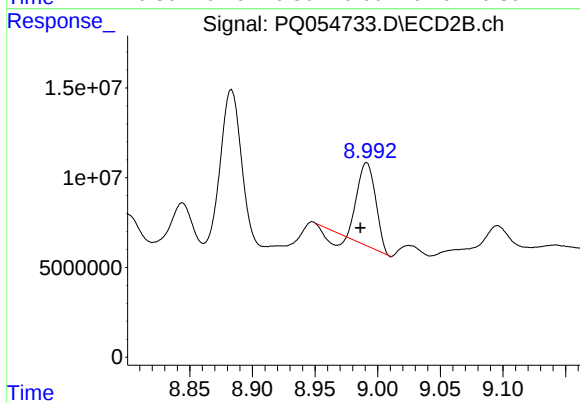
#39 AR-1262-4

R.T.: 8.475 min
Delta R.T.: -0.010 min
Response: 100617774
Conc: 66.16 ng/ml



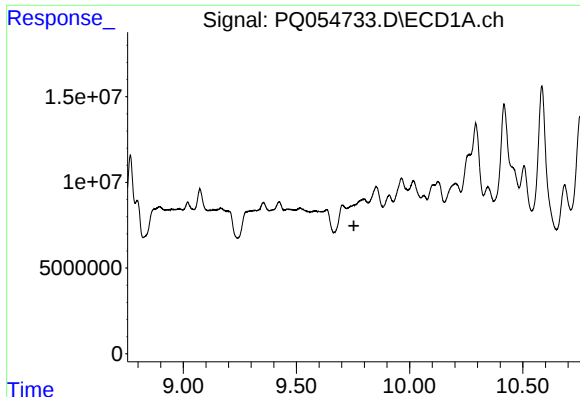
#40 AR-1262-5

R.T.: 10.584 min
Delta R.T.: 0.019 min
Response: 242133561
Conc: 315.06 ng/ml



#40 AR-1262-5

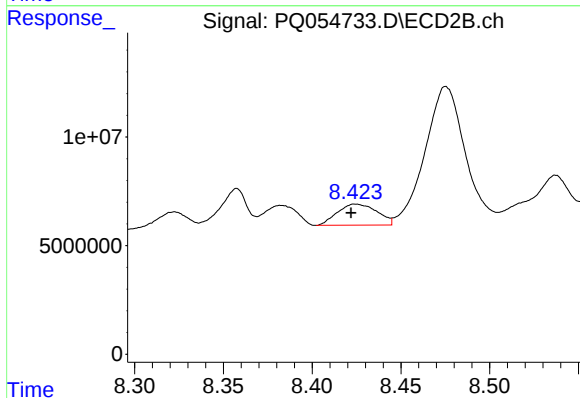
R.T.: 8.991 min
Delta R.T.: 0.005 min
Response: 41023950
Conc: 59.73 ng/ml



#41 AR-1268-1

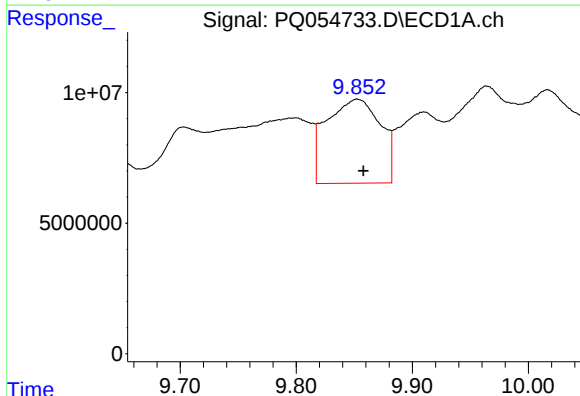
R.T.: 0.000 min
Exp R.T.: 9.754 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



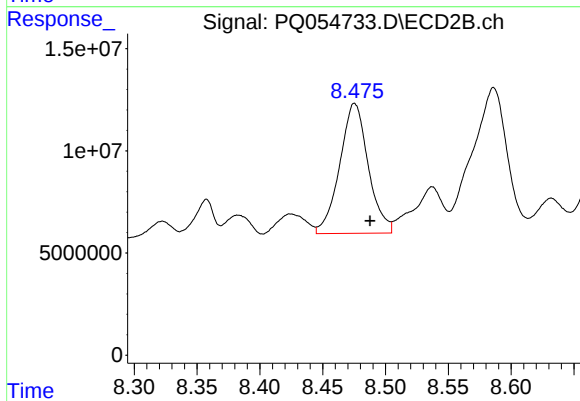
#41 AR-1268-1

R.T.: 8.425 min
Delta R.T.: 0.003 min
Response: 15083669
Conc: 5.56 ng/ml



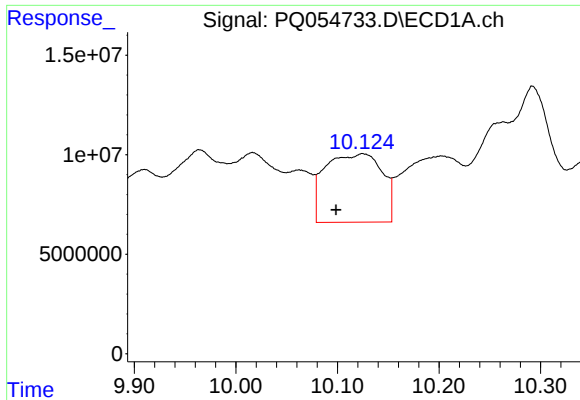
#42 AR-1268-2

R.T.: 9.853 min
Delta R.T.: -0.005 min
Response: 103833416
Conc: 45.40 ng/ml



#42 AR-1268-2

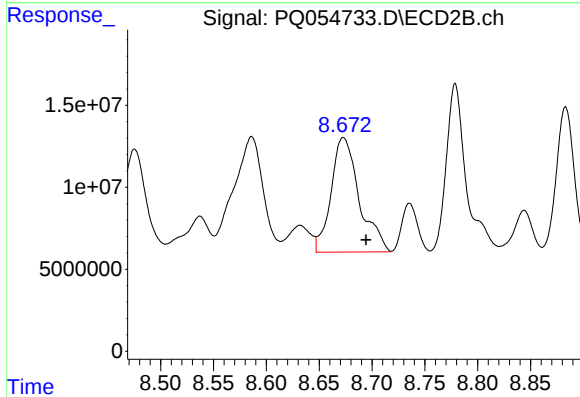
R.T.: 8.475 min
Delta R.T.: -0.012 min
Response: 100617774
Conc: 43.67 ng/ml



#43 AR-1268-3

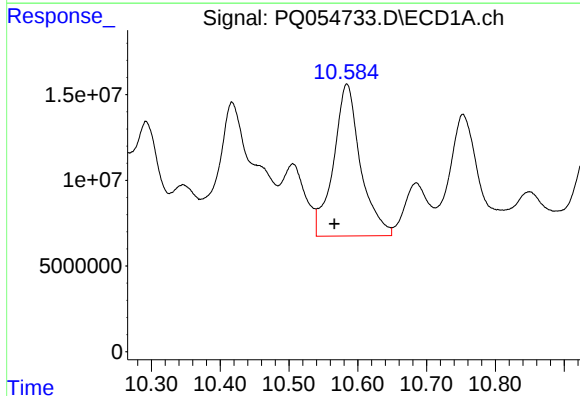
R.T.: 10.125 min
Delta R.T.: 0.026 min
Response: 133721340
Conc: 69.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



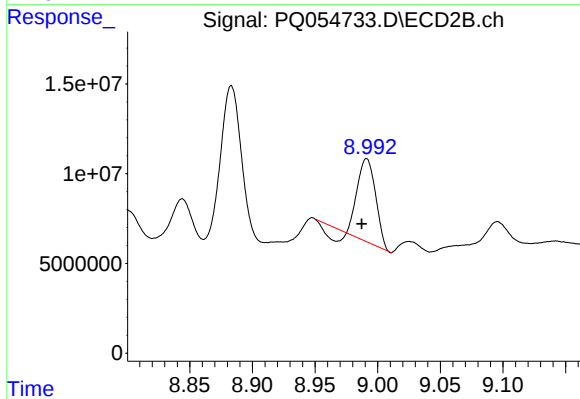
#43 AR-1268-3

R.T.: 8.673 min
Delta R.T.: -0.022 min
Response: 129992104
Conc: 64.50 ng/ml



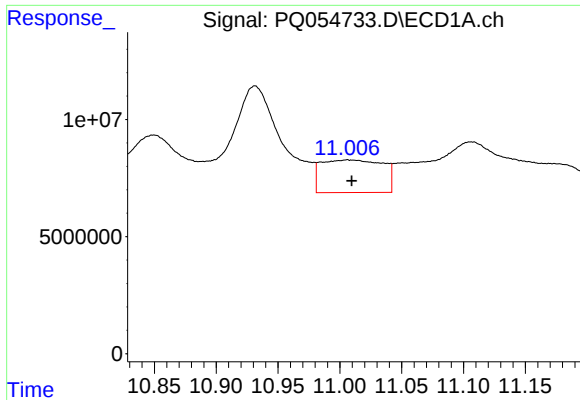
#44 AR-1268-4

R.T.: 10.584 min
Delta R.T.: 0.018 min
Response: 242133561
Conc: 283.75 ng/ml



#44 AR-1268-4

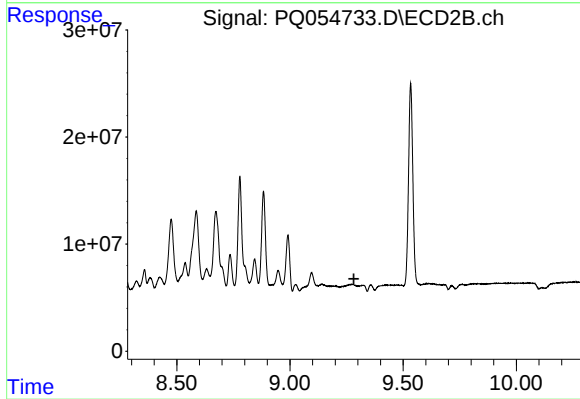
R.T.: 8.991 min
Delta R.T.: 0.004 min
Response: 41023950
Conc: 52.77 ng/ml



#45 AR-1268-5

R.T.: 11.007 min
Delta R.T.: -0.003 min
Response: 48269042
Conc: 7.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.283 min
Response: 0
Conc: N.D.