

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101819\
 Data File : PQ044501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2019 19:33
 Operator : HP\AJ
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1268329

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 00:15:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 02:55:10 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...	5.325	4.352	43461136	49601504	11.179	11.112
2)	SA Decachlor...	11.609	9.798	387.9E6	493.3E6	72.412	82.465
Target Compounds							
3)	L1 AR-1016-1	0.000	5.634	0	381025	N.D.	2.778 #
4)	L1 AR-1016-2	0.000	5.661	0	1312598	N.D.	5.928 #
5)	L1 AR-1016-3	0.000	5.853	0	1594274	N.D.	15.277 #
6)	L1 AR-1016-4	0.000	5.897	0	3957556	N.D.	42.348 #
7)	L1 AR-1016-5	0.000	6.136	0	3169074	N.D.	25.917 #
8)	L2 AR-1221-1	0.000	4.673	0	88962	N.D.	2.096 #
9)	L2 AR-1221-2	0.000	4.715	0	784975	N.D.	26.708 #
10)	L2 AR-1221-3	0.000	4.771	0	95227	N.D.	0.907 #
11)	L3 AR-1232-1	0.000	4.771	0	95227	N.D.	1.029 #
12)	L3 AR-1232-2	0.000	5.661	0	1312598	N.D.	12.445 #
13)	L3 AR-1232-3	0.000	5.853	0	1594274	N.D.	32.261 #
14)	L3 AR-1232-4	0.000	5.973	0	32278314	N.D.	684.420 #
15)	L3 AR-1232-5	6.995	6.136	3004801	3169074	106.571	57.974 #
16)	L4 AR-1242-1	0.000	5.634	0	381025	N.D.	3.215 #
17)	L4 AR-1242-2	0.000	5.661	0	1312598	N.D.	6.958 #
18)	L4 AR-1242-3	0.000	5.853	0	1594274	N.D.	17.238 #
19)	L4 AR-1242-4	0.000	5.973	0	32278314	N.D.	328.404 #
20)	L4 AR-1242-5	7.604	6.516	5668186	1875638	74.557	14.720 #
21)	L5 AR-1248-1	0.000	5.634	0	381025	N.D.	4.208 #
22)	L5 AR-1248-2	6.995	5.897	3004801	3957556	30.333	28.553
23)	L5 AR-1248-3	0.000	5.973	0	32278314	N.D.	228.236 #
24)	L5 AR-1248-4	7.604	6.136	5668186	3169074	45.021	18.450 #
25)	L5 AR-1248-5	7.604	6.562	5668186	3054931	46.814	18.247 #
26)	L6 AR-1254-1	7.604	6.516	5668186	1875638	42.125	6.431 #
27)	L6 AR-1254-2	0.000	6.702	0	1907954	N.D.	7.307 #
28)	L6 AR-1254-3	0.000	7.107	0	7865074	N.D.	18.002 #
29)	L6 AR-1254-4	0.000	7.345	0	7650436	N.D.	28.480 #
30)	L6 AR-1254-5	8.891	7.781	6154362	1250750	25.713	3.128 #
31)	L7 AR-1260-1	0.000	7.240	0	5939083	N.D.	24.426 #
32)	L7 AR-1260-2	0.000	7.441	0	11393797	N.D.	37.746 #
33)	L7 AR-1260-3	8.990	7.604	43049631	9386293	268.502	33.353 #
34)	L7 AR-1260-4	9.258	8.083	56274011	95963831	288.209	381.458 #
35)	L7 AR-1260-5	9.589	8.333	28311720	43504484	61.926	67.877
36)	L8 AR-1262-1	8.990	7.781	43049631	1250750	396.378	6.409 #
37)	L8 AR-1262-2	9.589	8.333	28311720	43504484	49.163	54.986
38)	L8 AR-1262-3	9.933	8.624	301.3E6	453.0E6	726.314	1428.362 #
39)	L8 AR-1262-4	10.037	8.690	284.3E6	421.8E6	902.419	692.028
40)	L8 AR-1262-5	10.766	9.208	110.9E6	136.2E6	436.183	485.762
41)	L9 AR-1268-1	9.933	8.624	301.3E6	453.0E6	421.394	469.664

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101819\
Data File : PQ044501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2019 19:33
Operator : HP\AJ
Sample : AR1268CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

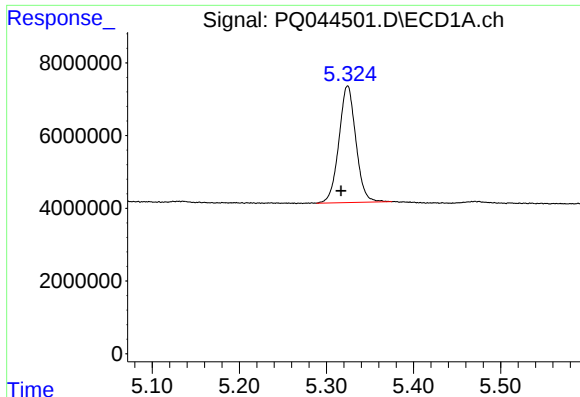
Instrument :
ECD_Q
ClientSampleId :
AR1268329

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 00:15:02 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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
42) L9	AR-1268-2	10.037	8.690	284.3E6	421.8E6	418.322	463.783
43) L9	AR-1268-3	10.290	8.902	240.3E6	354.5E6	418.707	467.981
44) L9	AR-1268-4	10.766	9.208	110.9E6	136.2E6	384.837	416.540
45) L9	AR-1268-5	11.230	9.521	824.9E6	1079.1E6	379.410	414.272

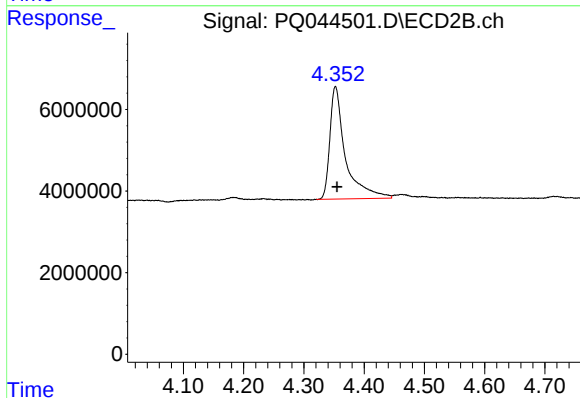
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

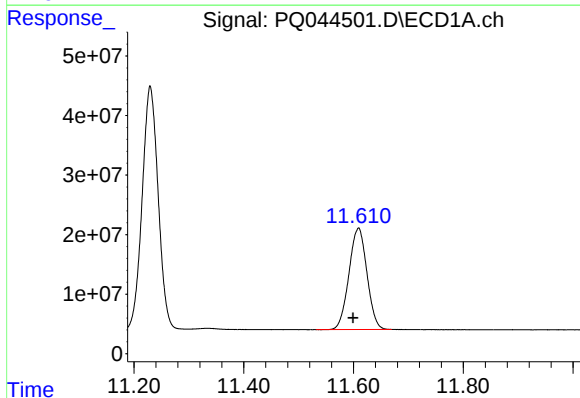
R.T.: 5.325 min
Delta R.T.: 0.008 min
Response: 43461136
Conc: 11.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268329



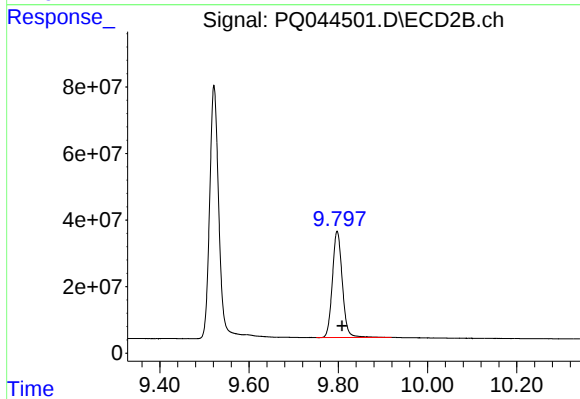
#1 Tetrachloro-m-xylene

R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 49601504
Conc: 11.11 ng/ml



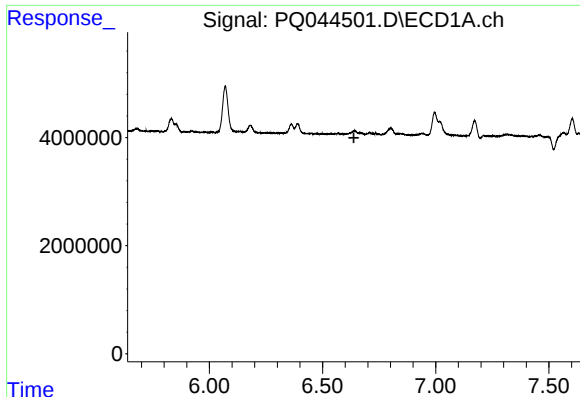
#2 Decachlorobiphenyl

R.T.: 11.609 min
Delta R.T.: 0.011 min
Response: 387949820
Conc: 72.41 ng/ml



#2 Decachlorobiphenyl

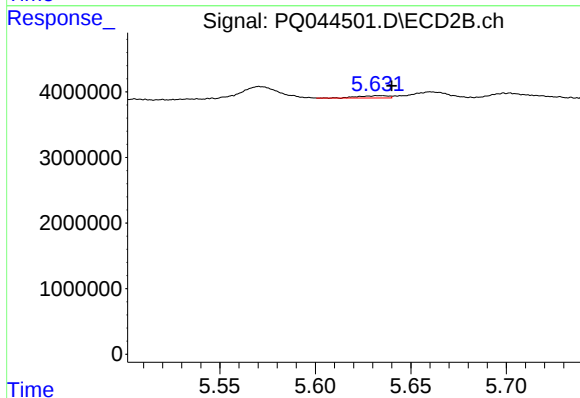
R.T.: 9.798 min
Delta R.T.: -0.011 min
Response: 493253586
Conc: 82.46 ng/ml



#3 AR-1016-1

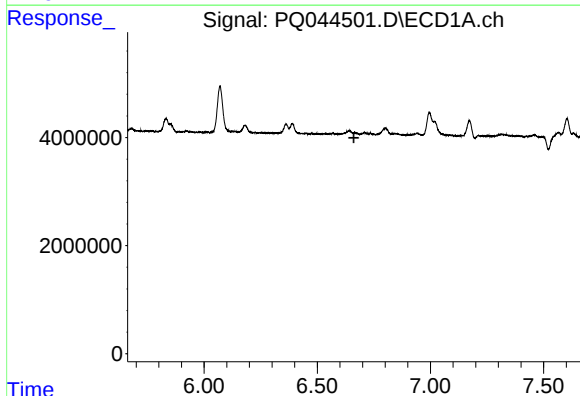
R.T.: 0.000 min
Exp R.T.: 6.639 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



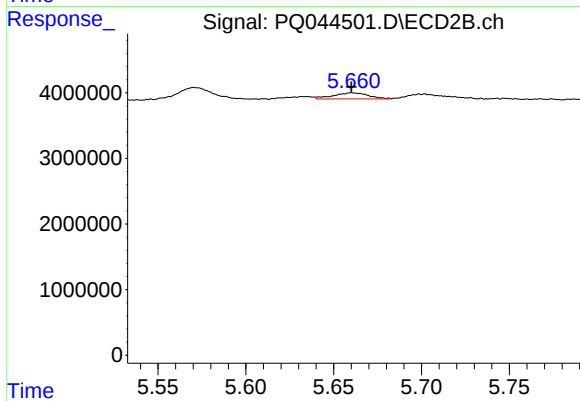
#3 AR-1016-1

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 381025
Conc: 2.78 ng/ml



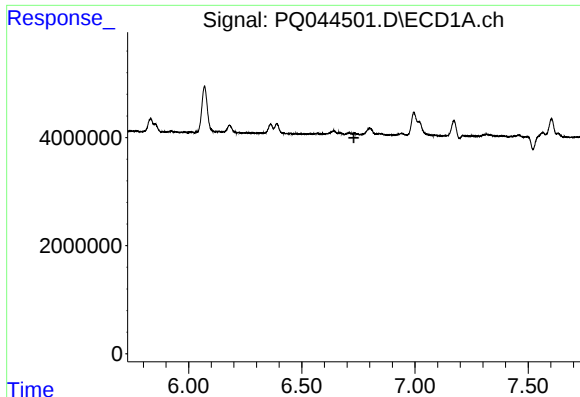
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.



#4 AR-1016-2

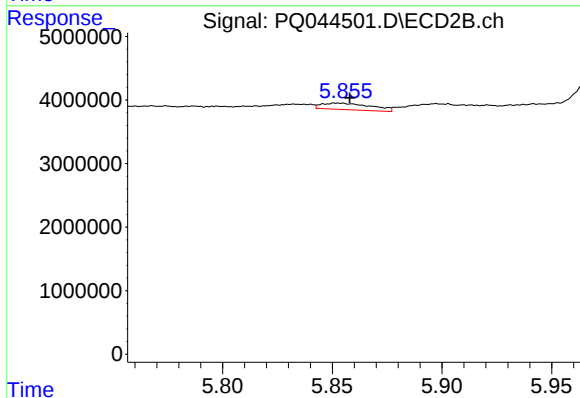
R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 1312598
Conc: 5.93 ng/ml



#5 AR-1016-3

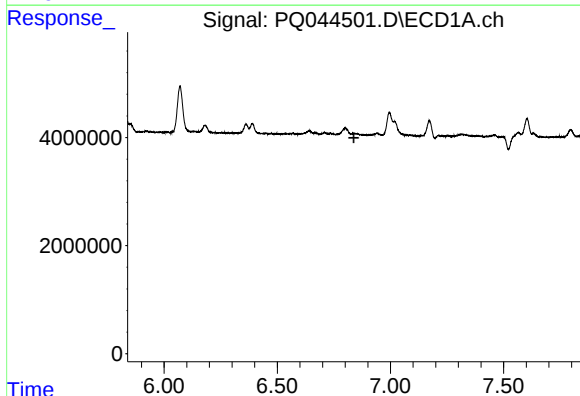
R.T.: 0.000 min
Exp R.T.: 6.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



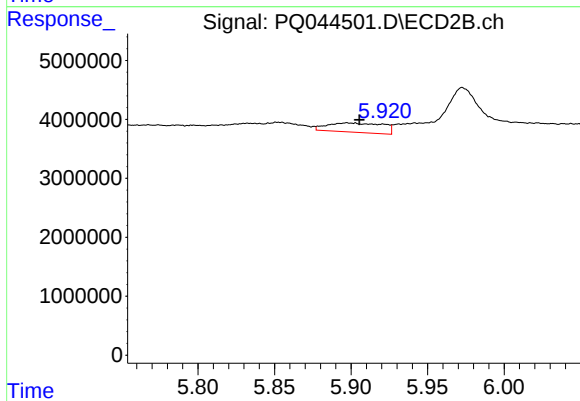
#5 AR-1016-3

R.T.: 5.853 min
Delta R.T.: -0.005 min
Response: 1594274
Conc: 15.28 ng/ml



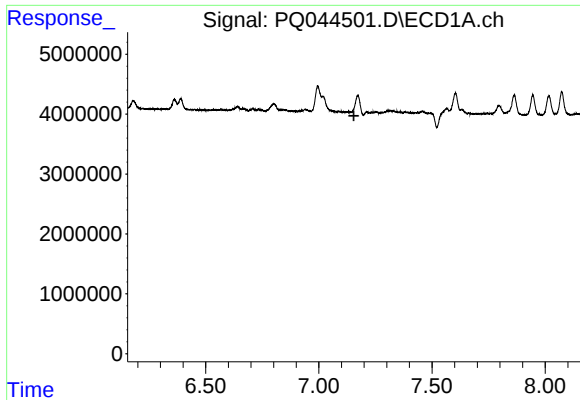
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.839 min
Response: 0
Conc: N.D.



#6 AR-1016-4

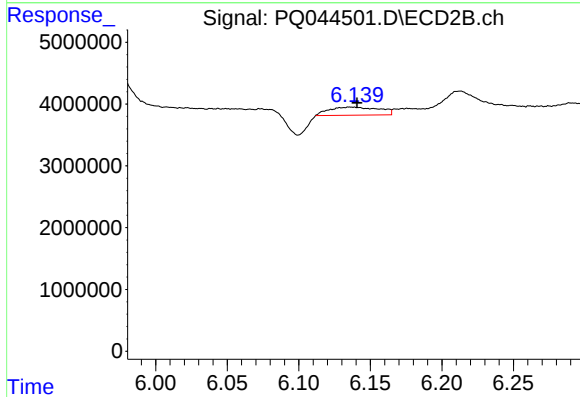
R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 3957556
Conc: 42.35 ng/ml



#7 AR-1016-5

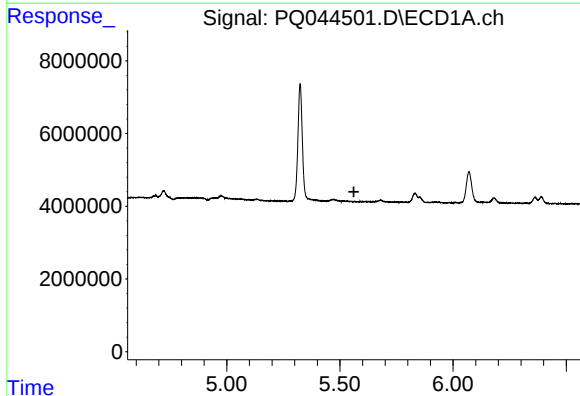
R.T.: 0.000 min
Exp R.T.: 7.155 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



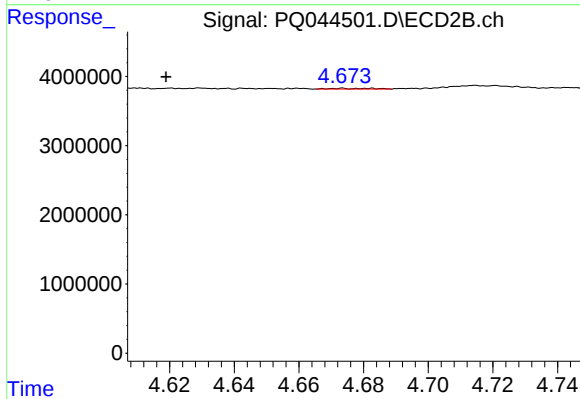
#7 AR-1016-5

R.T.: 6.136 min
Delta R.T.: -0.004 min
Response: 3169074
Conc: 25.92 ng/ml



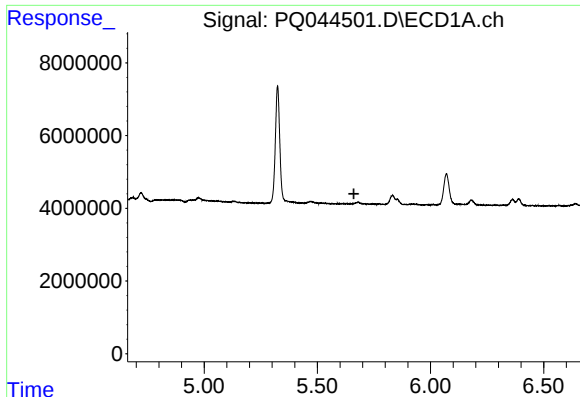
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.562 min
Response: 0
Conc: N.D.



#8 AR-1221-1

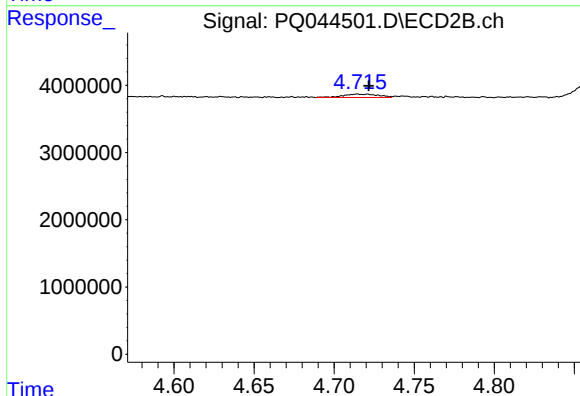
R.T.: 4.673 min
Delta R.T.: 0.055 min
Response: 88962
Conc: 2.10 ng/ml



#9 AR-1221-2

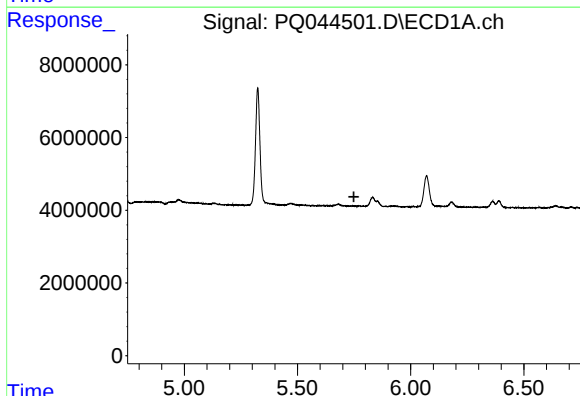
R.T.: 0.000 min
Exp R.T.: 5.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



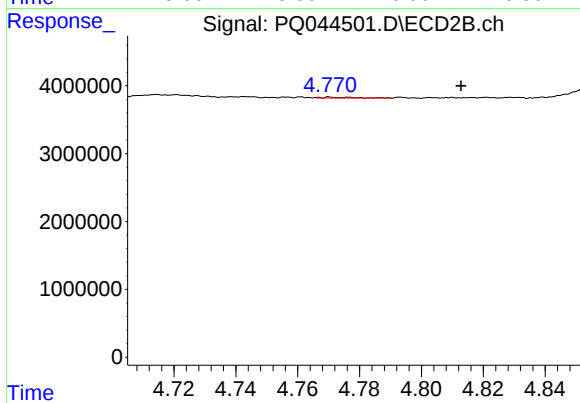
#9 AR-1221-2

R.T.: 4.715 min
Delta R.T.: -0.007 min
Response: 784975
Conc: 26.71 ng/ml



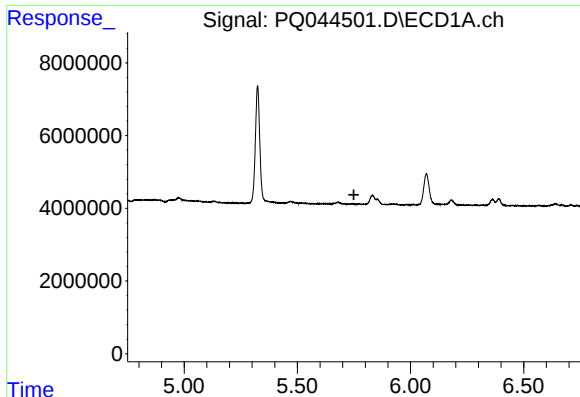
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.749 min
Response: 0
Conc: N.D.



#10 AR-1221-3

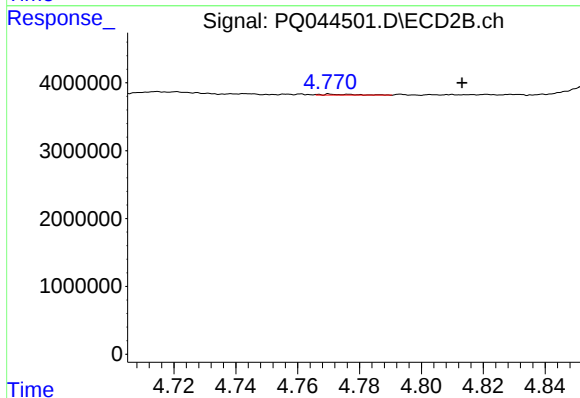
R.T.: 4.771 min
Delta R.T.: -0.042 min
Response: 95227
Conc: 0.91 ng/ml



#11 AR-1232-1

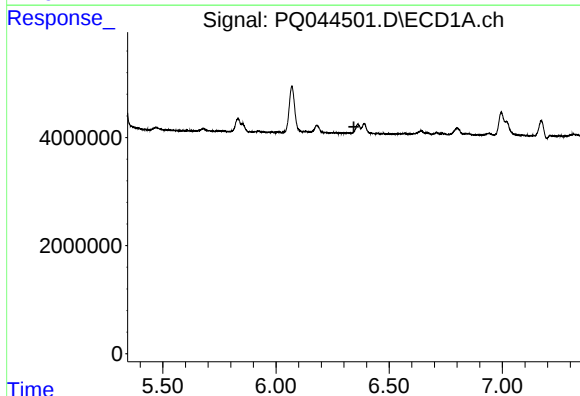
R.T.: 0.000 min
Exp R.T.: 5.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



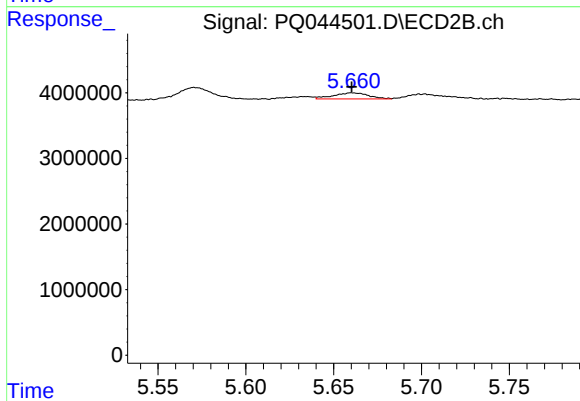
#11 AR-1232-1

R.T.: 4.771 min
Delta R.T.: -0.042 min
Response: 95227
Conc: 1.03 ng/ml



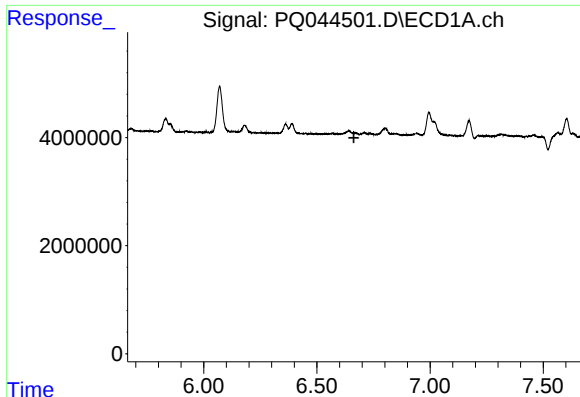
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.



#12 AR-1232-2

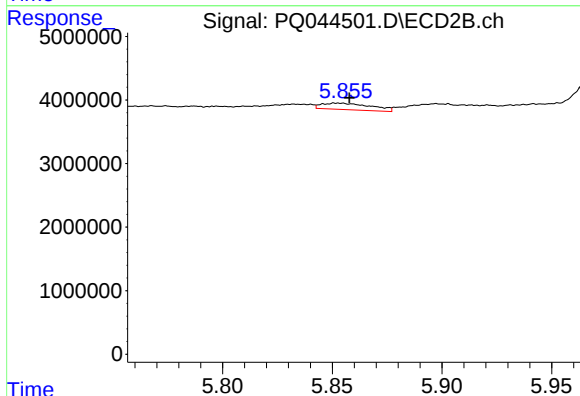
R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 1312598
Conc: 12.45 ng/ml



#13 AR-1232-3

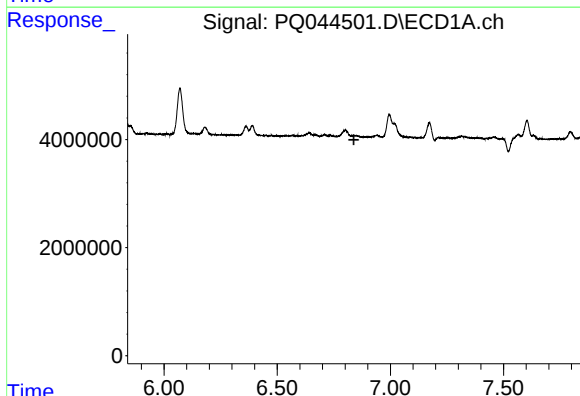
R.T.: 0.000 min
Exp R.T. : 6.663 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



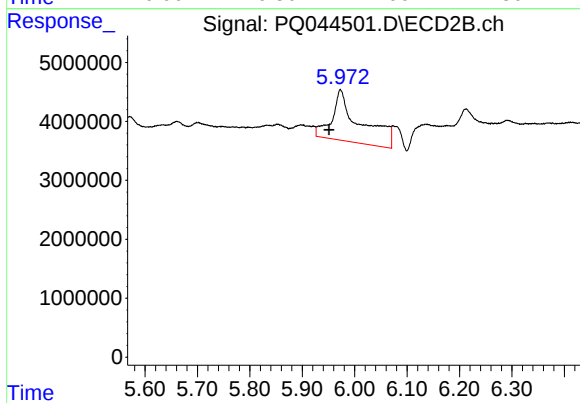
#13 AR-1232-3

R.T.: 5.853 min
Delta R.T.: -0.005 min
Response: 1594274
Conc: 32.26 ng/ml



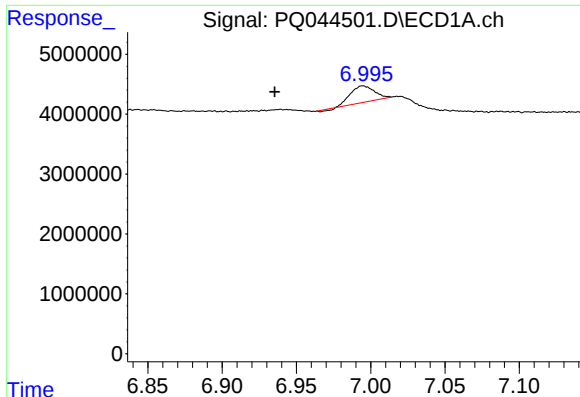
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#14 AR-1232-4

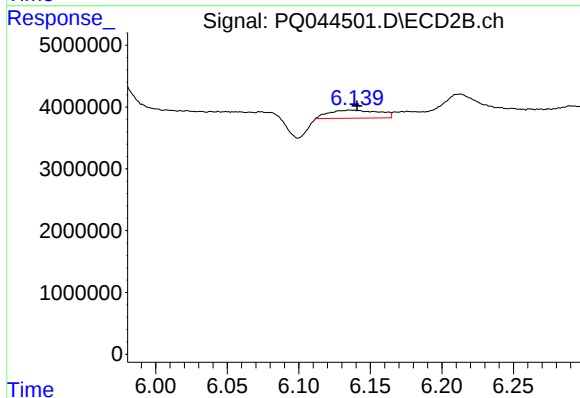
R.T.: 5.973 min
Delta R.T.: 0.021 min
Response: 32278314
Conc: 684.42 ng/ml



#15 AR-1232-5

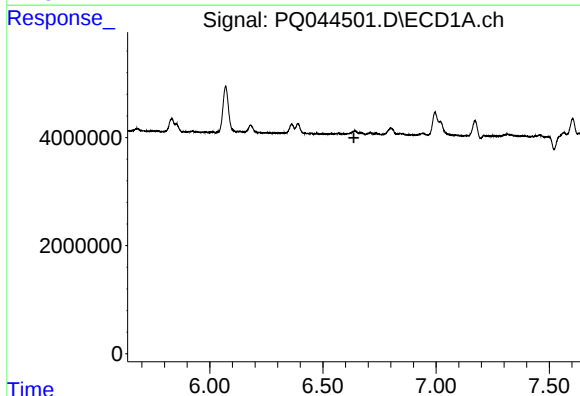
R.T.: 6.995 min
Delta R.T.: 0.059 min
Response: 3004801
Conc: 106.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268329



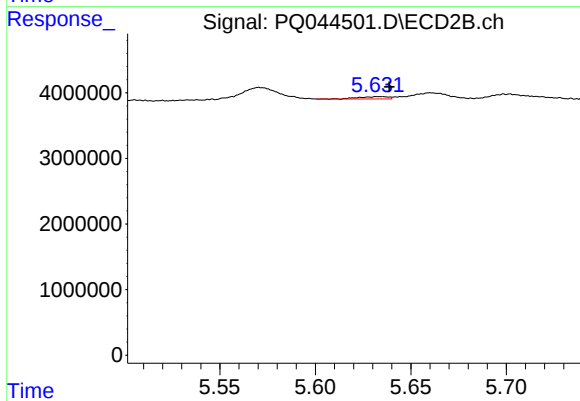
#15 AR-1232-5

R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 3169074
Conc: 57.97 ng/ml



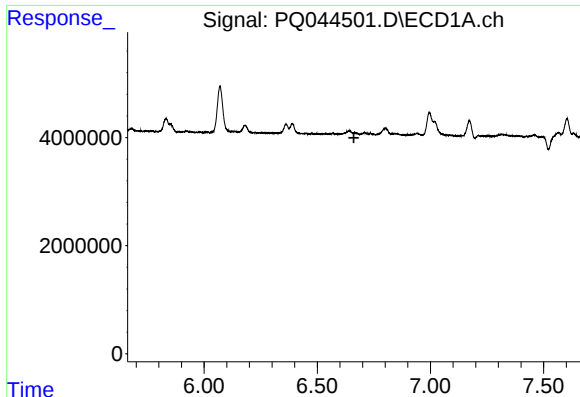
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.637 min
Response: 0
Conc: N.D.



#16 AR-1242-1

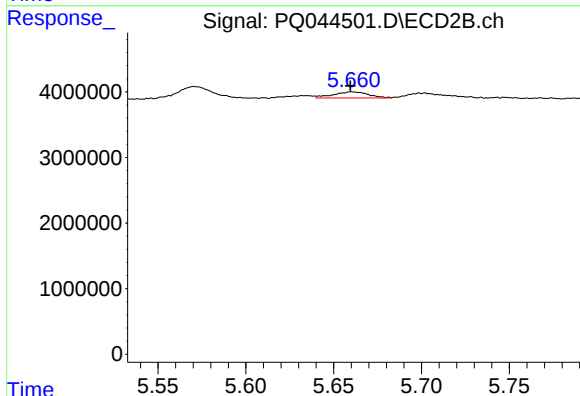
R.T.: 5.634 min
Delta R.T.: -0.005 min
Response: 381025
Conc: 3.21 ng/ml



#17 AR-1242-2

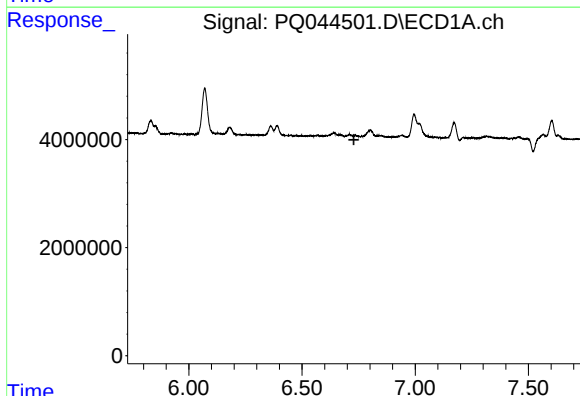
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



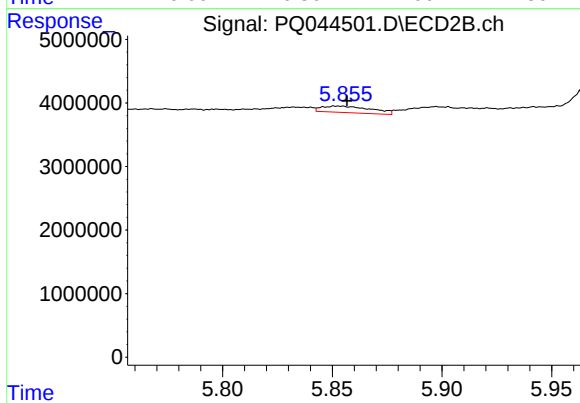
#17 AR-1242-2

R.T.: 5.661 min
Delta R.T.: 0.001 min
Response: 1312598
Conc: 6.96 ng/ml



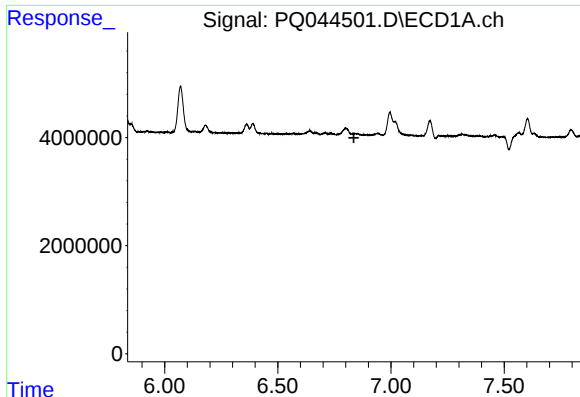
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.



#18 AR-1242-3

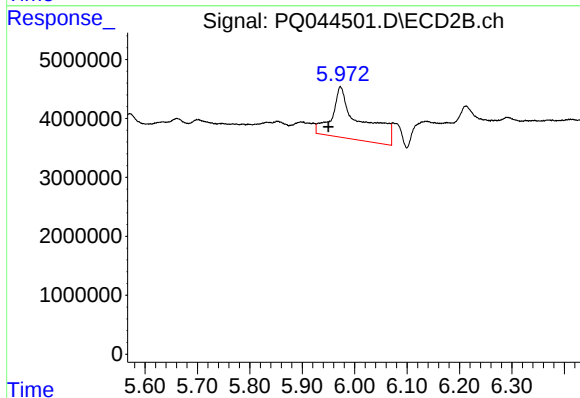
R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 1594274
Conc: 17.24 ng/ml



#19 AR-1242-4

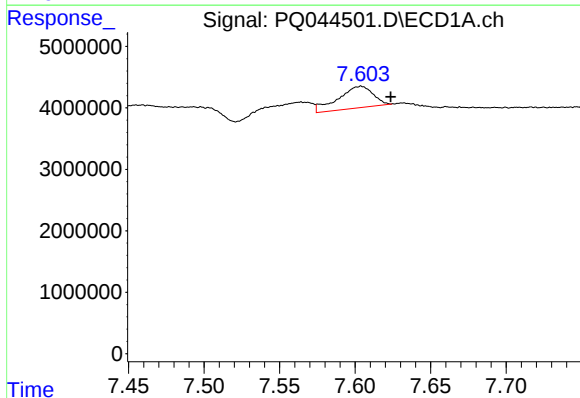
R.T.: 0.000 min
Exp R.T.: 6.836 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



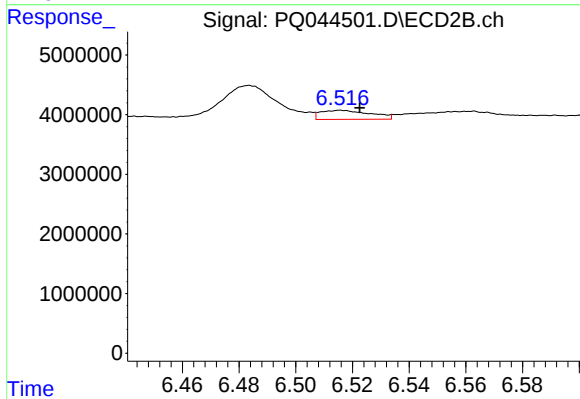
#19 AR-1242-4

R.T.: 5.973 min
Delta R.T.: 0.023 min
Response: 32278314
Conc: 328.40 ng/ml



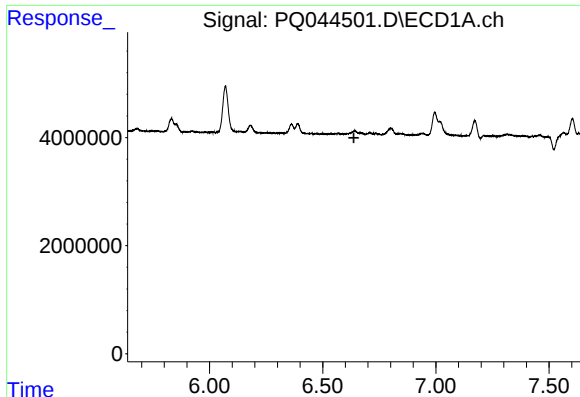
#20 AR-1242-5

R.T.: 7.604 min
Delta R.T.: -0.020 min
Response: 5668186
Conc: 74.56 ng/ml



#20 AR-1242-5

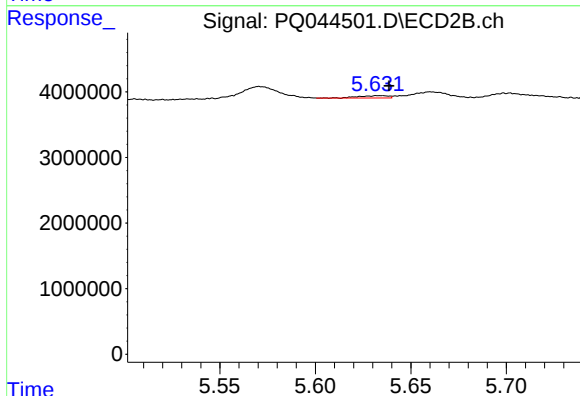
R.T.: 6.516 min
Delta R.T.: -0.007 min
Response: 1875638
Conc: 14.72 ng/ml



#21 AR-1248-1

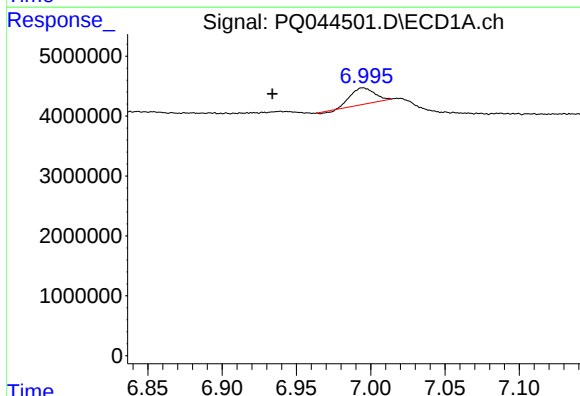
R.T.: 0.000 min
Exp R.T.: 6.638 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



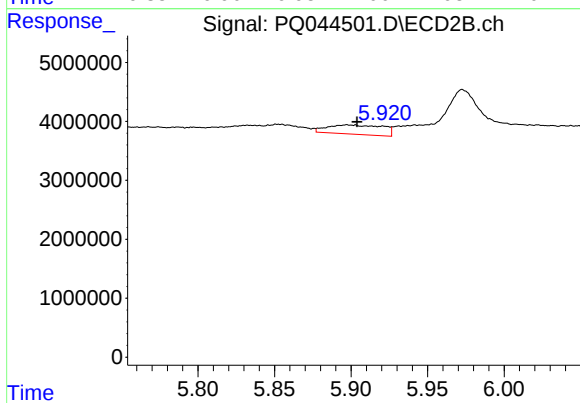
#21 AR-1248-1

R.T.: 5.634 min
Delta R.T.: -0.004 min
Response: 381025
Conc: 4.21 ng/ml



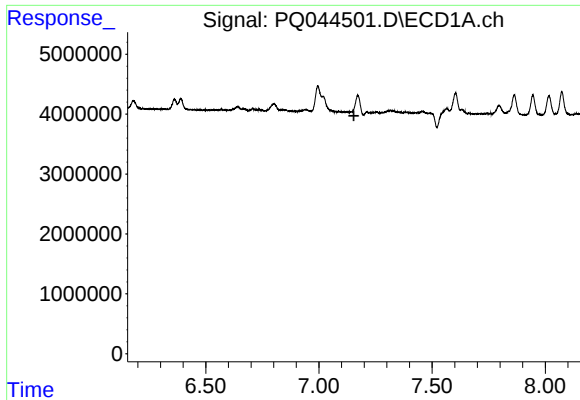
#22 AR-1248-2

R.T.: 6.995 min
Delta R.T.: 0.061 min
Response: 3004801
Conc: 30.33 ng/ml



#22 AR-1248-2

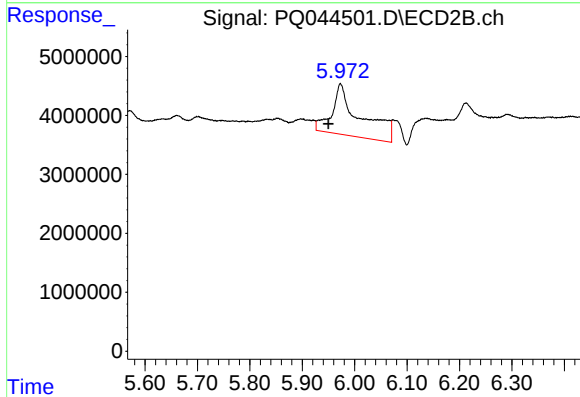
R.T.: 5.897 min
Delta R.T.: -0.006 min
Response: 3957556
Conc: 28.55 ng/ml



#23 AR-1248-3

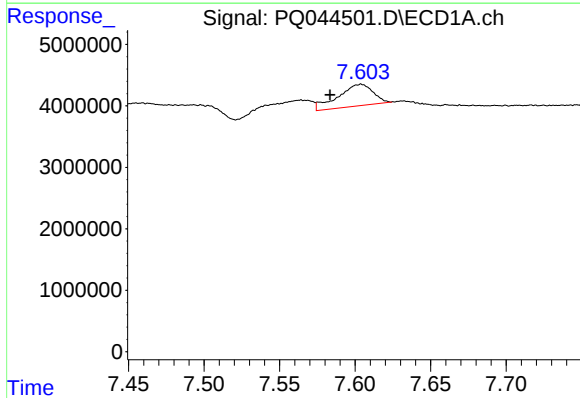
R.T.: 0.000 min
Exp R.T.: 7.155 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



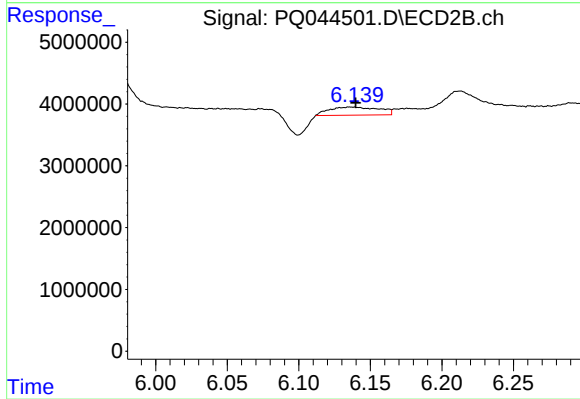
#23 AR-1248-3

R.T.: 5.973 min
Delta R.T.: 0.023 min
Response: 32278314
Conc: 228.24 ng/ml



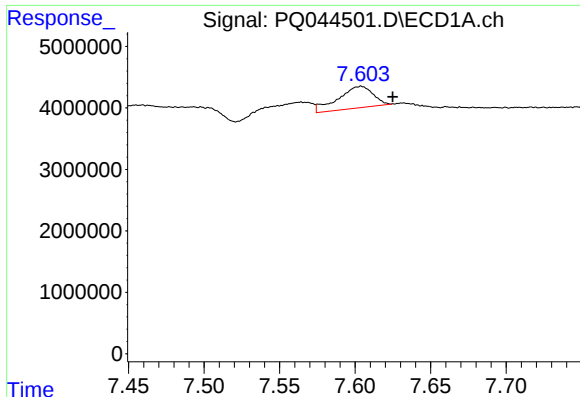
#24 AR-1248-4

R.T.: 7.604 min
Delta R.T.: 0.021 min
Response: 5668186
Conc: 45.02 ng/ml



#24 AR-1248-4

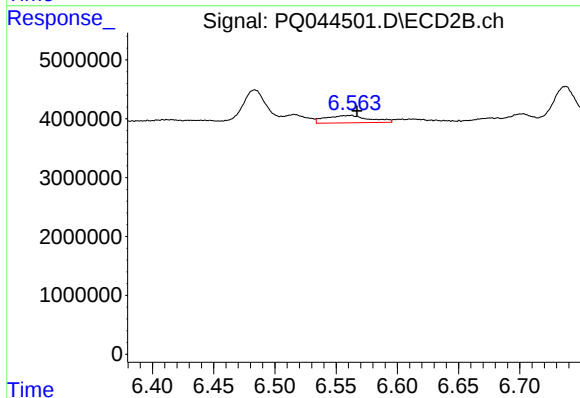
R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 3169074
Conc: 18.45 ng/ml



#25 AR-1248-5

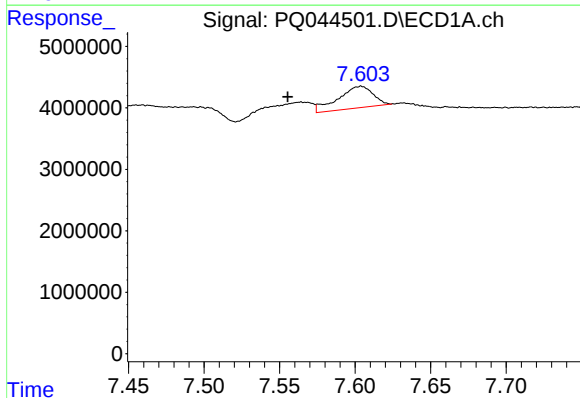
R.T.: 7.604 min
Delta R.T.: -0.021 min
Response: 5668186
Conc: 46.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268329



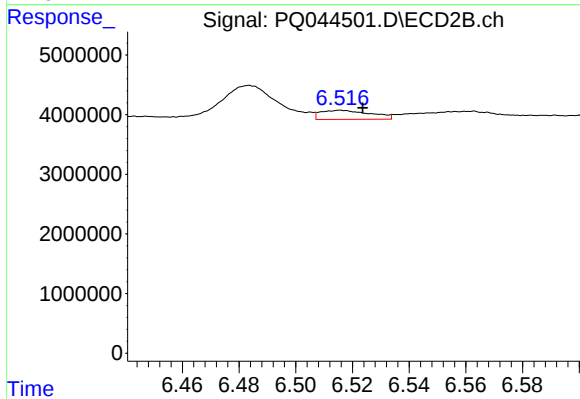
#25 AR-1248-5

R.T.: 6.562 min
Delta R.T.: -0.005 min
Response: 3054931
Conc: 18.25 ng/ml



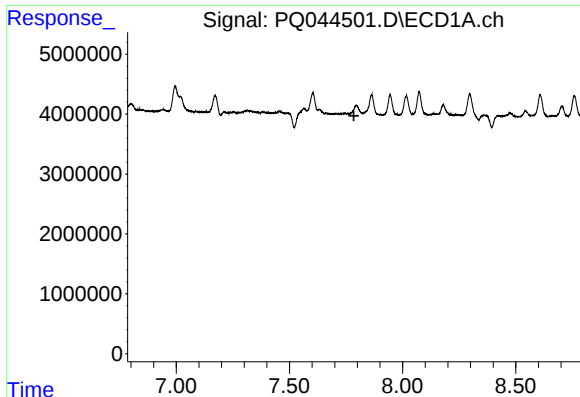
#26 AR-1254-1

R.T.: 7.604 min
Delta R.T.: 0.049 min
Response: 5668186
Conc: 42.12 ng/ml



#26 AR-1254-1

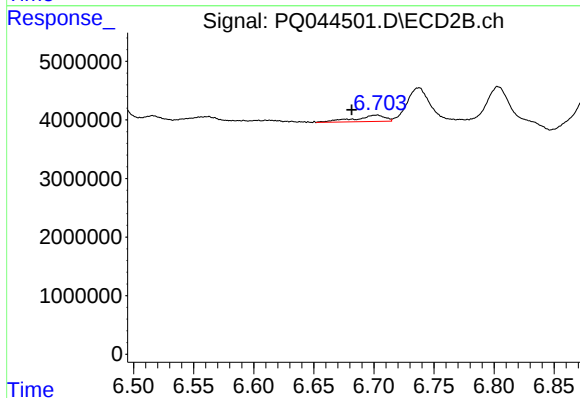
R.T.: 6.516 min
Delta R.T.: -0.008 min
Response: 1875638
Conc: 6.43 ng/ml



#27 AR-1254-2

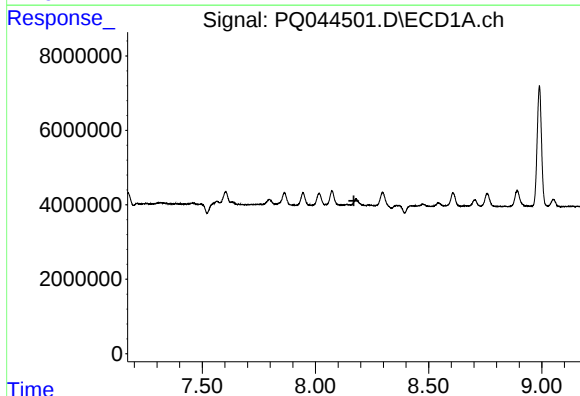
R.T.: 0.000 min
Exp R.T.: 7.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



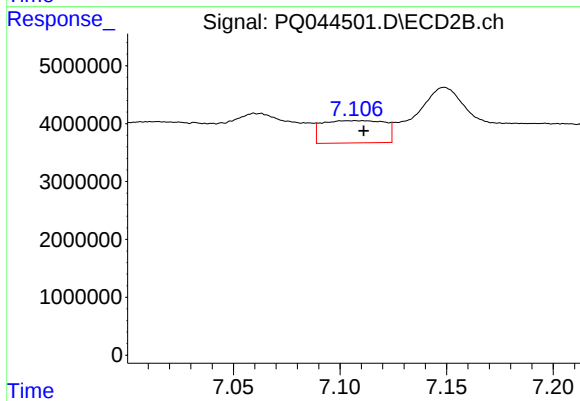
#27 AR-1254-2

R.T.: 6.702 min
Delta R.T.: 0.021 min
Response: 1907954
Conc: 7.31 ng/ml



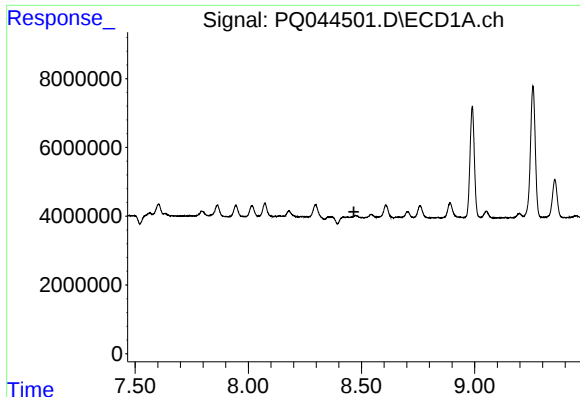
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 8.170 min
Response: 0
Conc: N.D.



#28 AR-1254-3

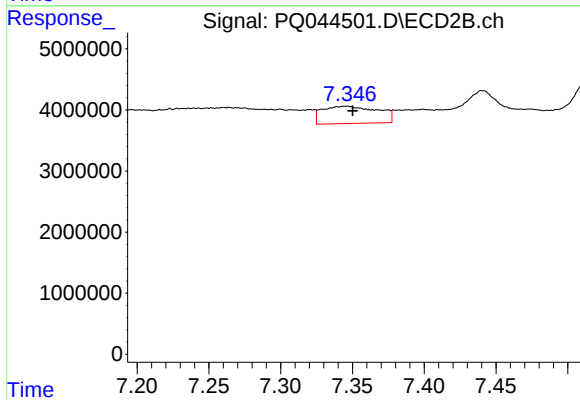
R.T.: 7.107 min
Delta R.T.: -0.004 min
Response: 7865074
Conc: 18.00 ng/ml



#29 AR-1254-4

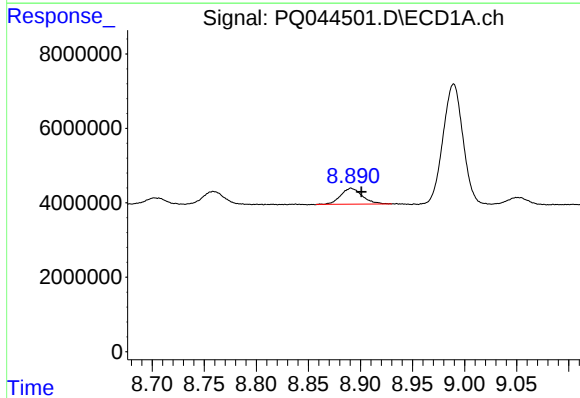
R.T.: 0.000 min
Exp R.T.: 8.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



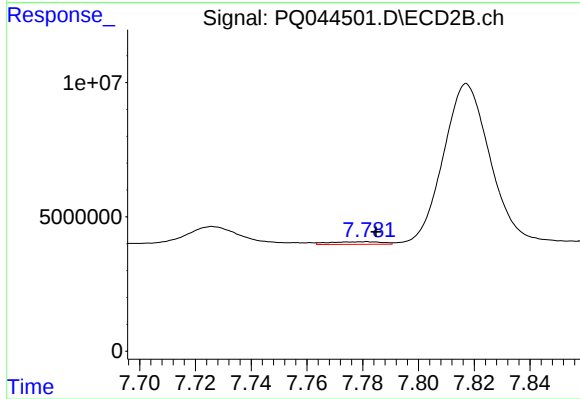
#29 AR-1254-4

R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 7650436
Conc: 28.48 ng/ml



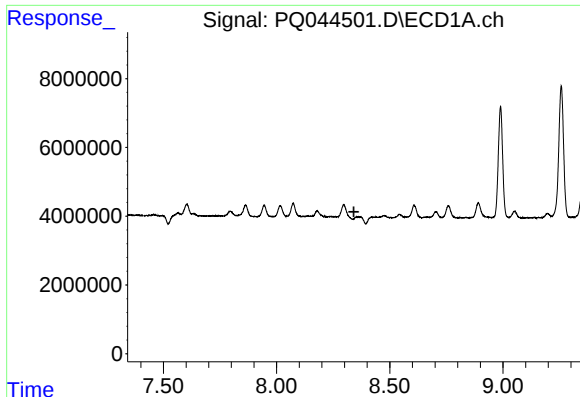
#30 AR-1254-5

R.T.: 8.891 min
Delta R.T.: -0.010 min
Response: 6154362
Conc: 25.71 ng/ml



#30 AR-1254-5

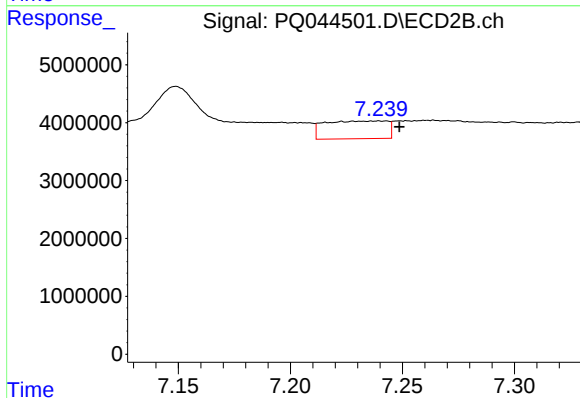
R.T.: 7.781 min
Delta R.T.: -0.004 min
Response: 1250750
Conc: 3.13 ng/ml



#31 AR-1260-1

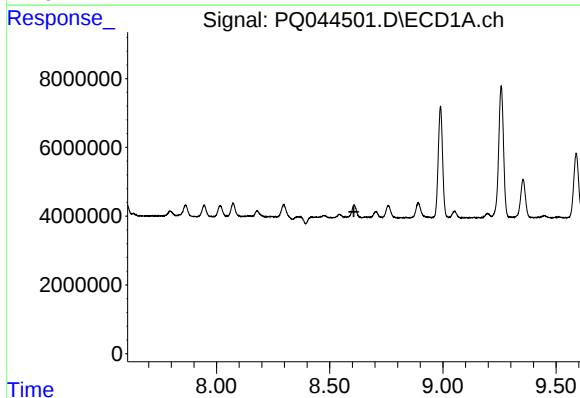
R.T.: 0.000 min
Exp R.T.: 8.341 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268329



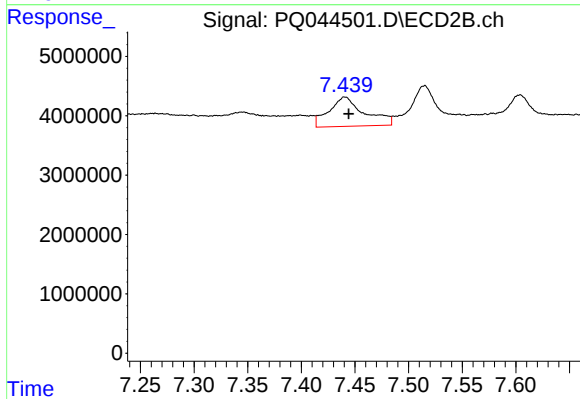
#31 AR-1260-1

R.T.: 7.240 min
Delta R.T.: -0.009 min
Response: 5939083
Conc: 24.43 ng/ml



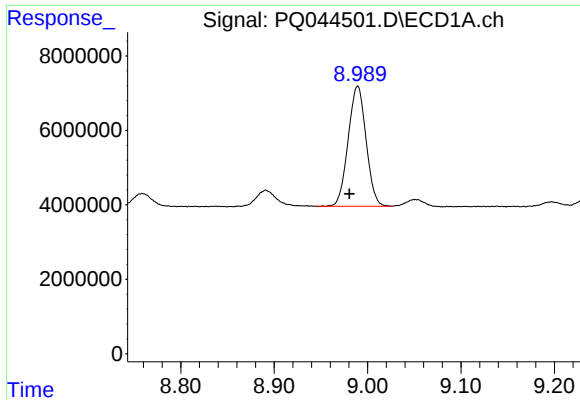
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 8.607 min
Response: 0
Conc: N.D.



#32 AR-1260-2

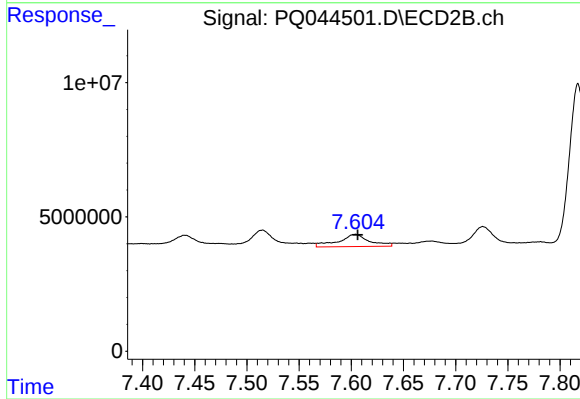
R.T.: 7.441 min
Delta R.T.: -0.003 min
Response: 11393797
Conc: 37.75 ng/ml



#33 AR-1260-3

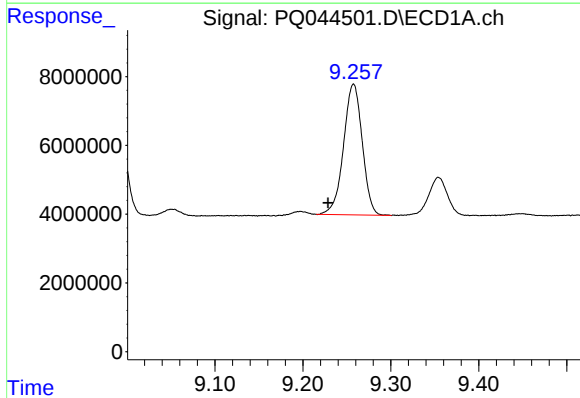
R.T.: 8.990 min
Delta R.T.: 0.009 min
Response: 43049631
Conc: 268.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268329



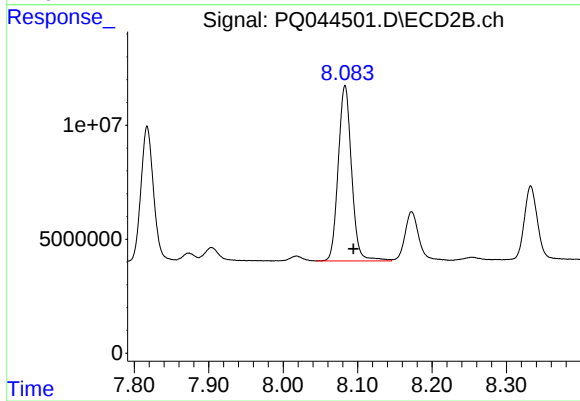
#33 AR-1260-3

R.T.: 7.604 min
Delta R.T.: -0.003 min
Response: 9386293
Conc: 33.35 ng/ml



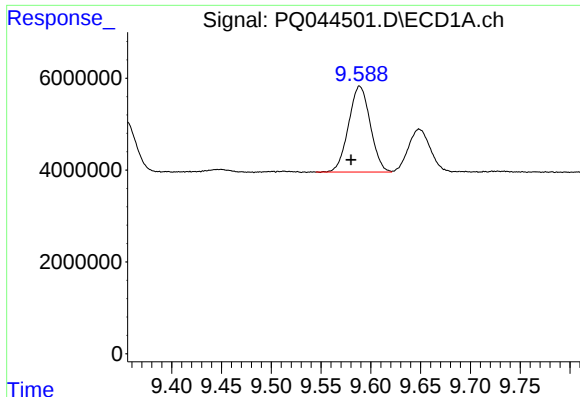
#34 AR-1260-4

R.T.: 9.258 min
Delta R.T.: 0.029 min
Response: 56274011
Conc: 288.21 ng/ml



#34 AR-1260-4

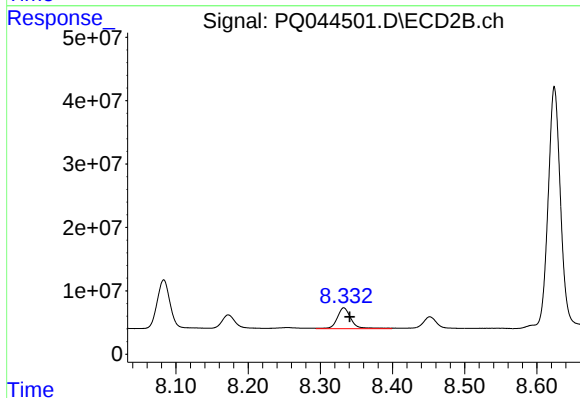
R.T.: 8.083 min
Delta R.T.: -0.011 min
Response: 95963831
Conc: 381.46 ng/ml



#35 AR-1260-5

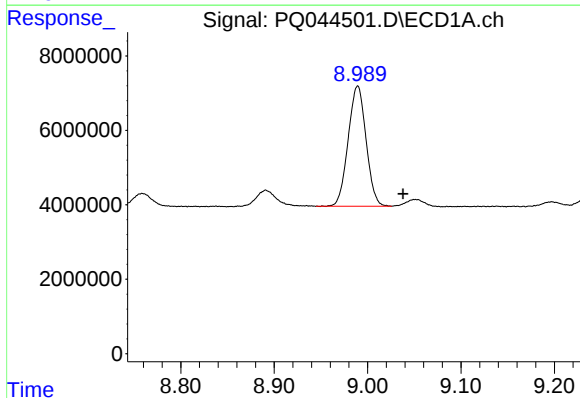
R.T.: 9.589 min
Delta R.T.: 0.009 min
Response: 28311720
Conc: 61.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268329



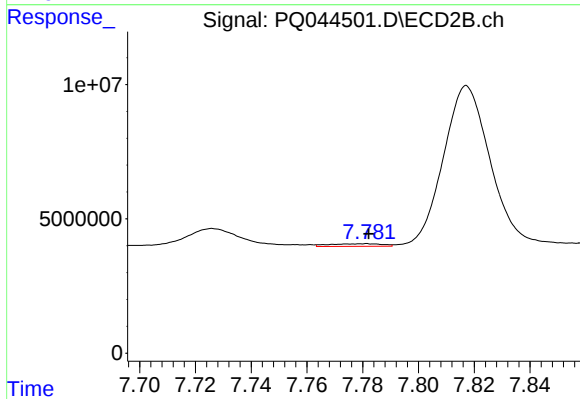
#35 AR-1260-5

R.T.: 8.333 min
Delta R.T.: -0.008 min
Response: 43504484
Conc: 67.88 ng/ml



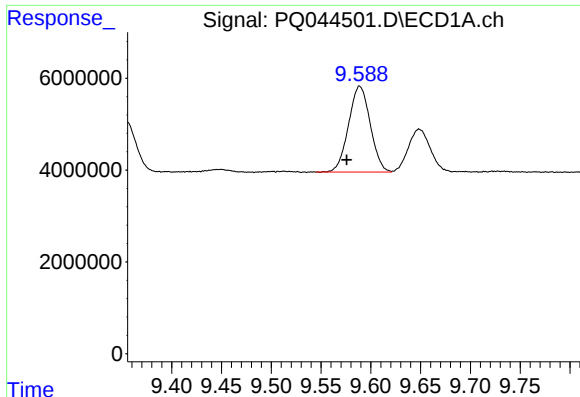
#36 AR-1262-1

R.T.: 8.990 min
Delta R.T.: -0.048 min
Response: 43049631
Conc: 396.38 ng/ml



#36 AR-1262-1

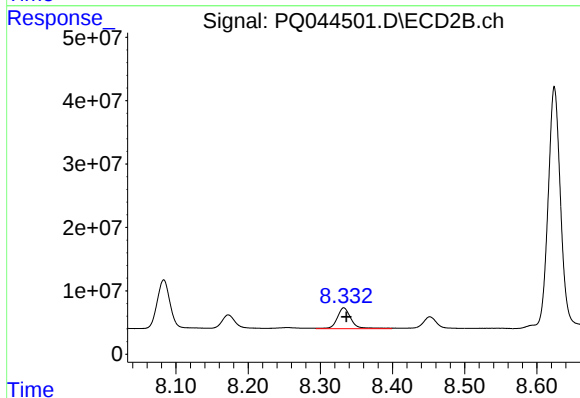
R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 1250750
Conc: 6.41 ng/ml



#37 AR-1262-2

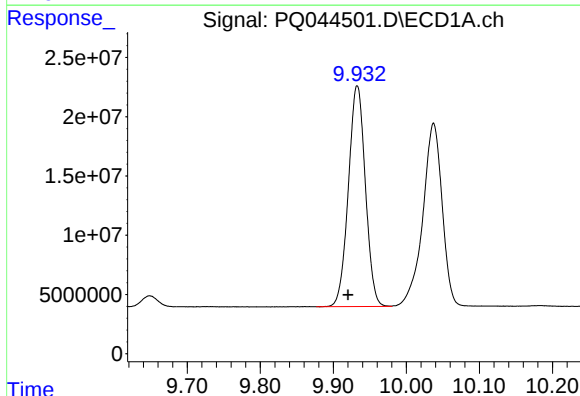
R.T.: 9.589 min
Delta R.T.: 0.013 min
Response: 28311720
Conc: 49.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268329



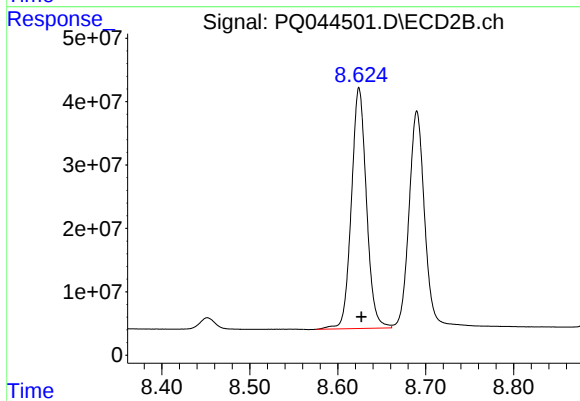
#37 AR-1262-2

R.T.: 8.333 min
Delta R.T.: -0.004 min
Response: 43504484
Conc: 54.99 ng/ml



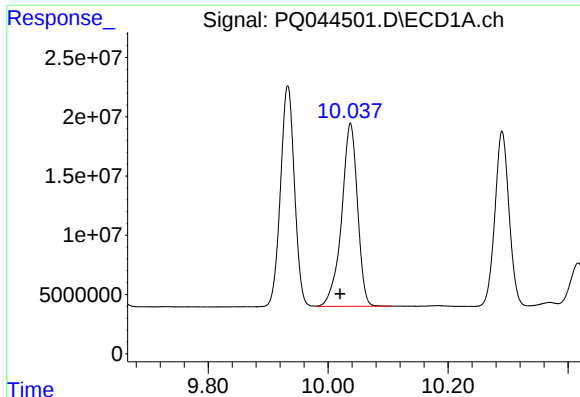
#38 AR-1262-3

R.T.: 9.933 min
Delta R.T.: 0.012 min
Response: 301320047
Conc: 726.31 ng/ml



#38 AR-1262-3

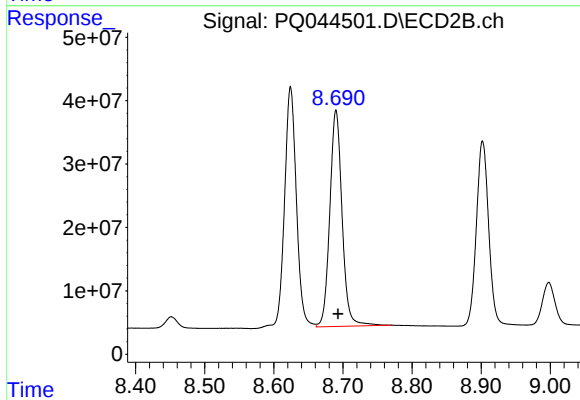
R.T.: 8.624 min
Delta R.T.: -0.003 min
Response: 452994334
Conc: 1428.36 ng/ml



#39 AR-1262-4

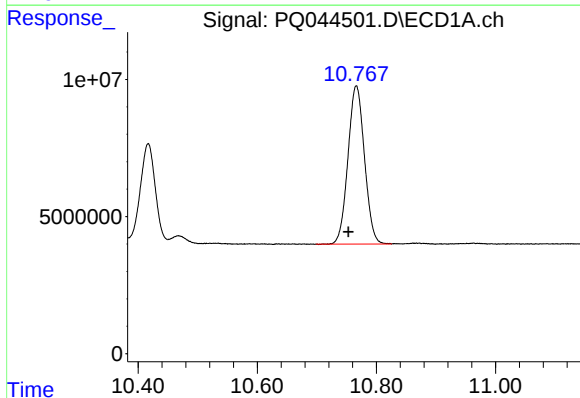
R.T.: 10.037 min
Delta R.T.: 0.018 min
Response: 284282134
Conc: 902.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268329



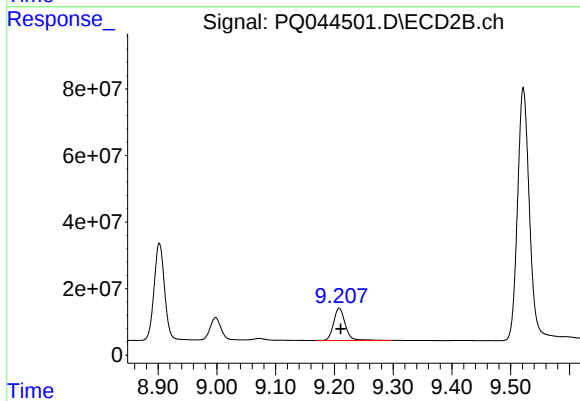
#39 AR-1262-4

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 421750309
Conc: 692.03 ng/ml



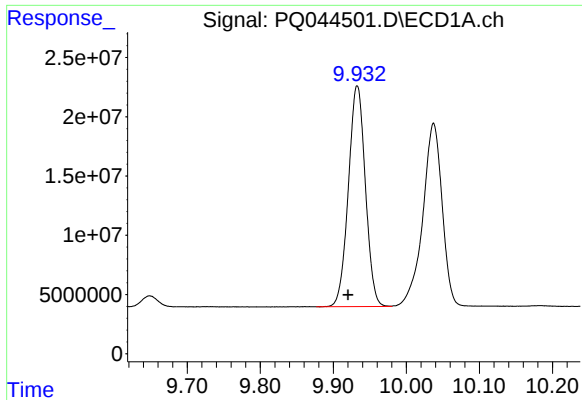
#40 AR-1262-5

R.T.: 10.766 min
Delta R.T.: 0.013 min
Response: 110873561
Conc: 436.18 ng/ml



#40 AR-1262-5

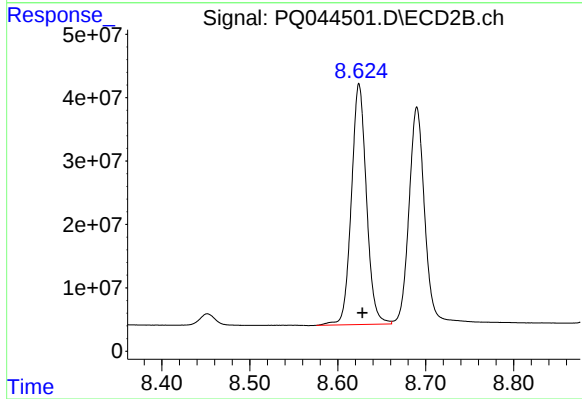
R.T.: 9.208 min
Delta R.T.: -0.003 min
Response: 136204818
Conc: 485.76 ng/ml



#41 AR-1268-1

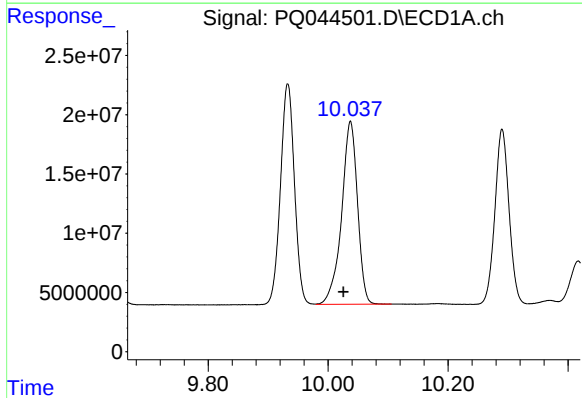
R.T.: 9.933 min
Delta R.T.: 0.013 min
Response: 301320047
Conc: 421.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268329



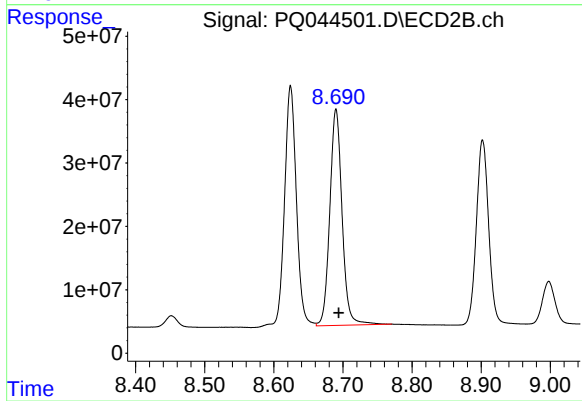
#41 AR-1268-1

R.T.: 8.624 min
Delta R.T.: -0.004 min
Response: 452994334
Conc: 469.66 ng/ml



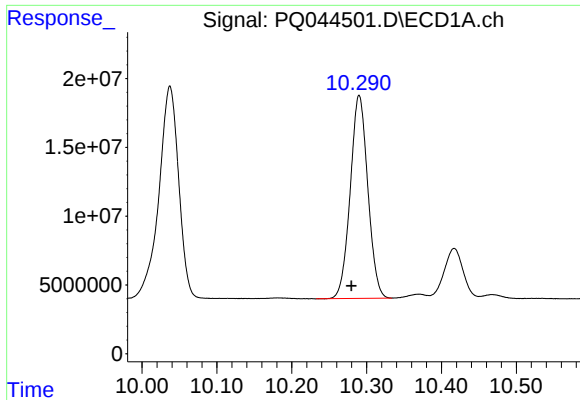
#42 AR-1268-2

R.T.: 10.037 min
Delta R.T.: 0.012 min
Response: 284282134
Conc: 418.32 ng/ml



#42 AR-1268-2

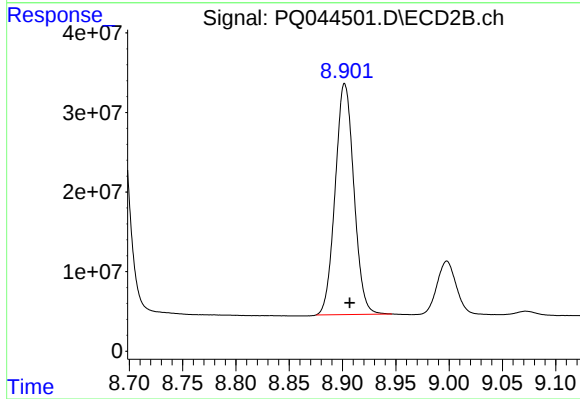
R.T.: 8.690 min
Delta R.T.: -0.004 min
Response: 421750309
Conc: 463.78 ng/ml



#43 AR-1268-3

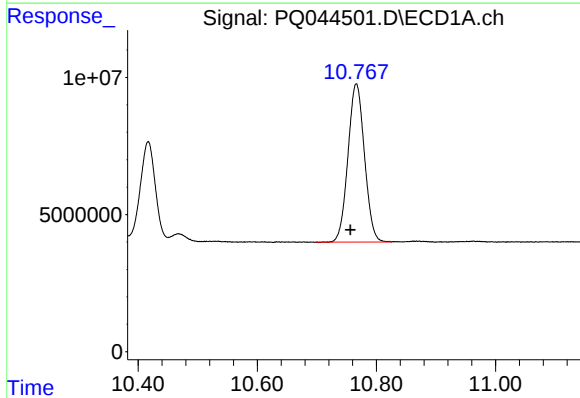
R.T.: 10.290 min
Delta R.T.: 0.011 min
Response: 240329112
Conc: 418.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268329



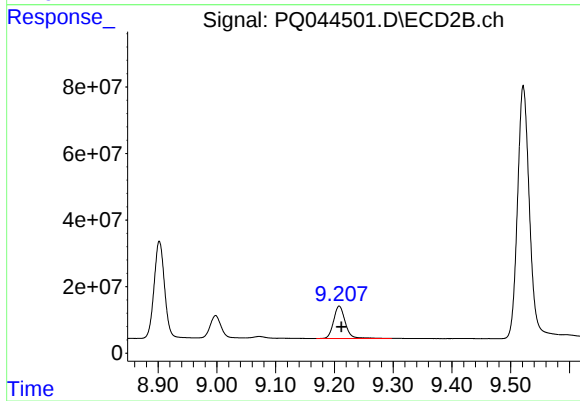
#43 AR-1268-3

R.T.: 8.902 min
Delta R.T.: -0.005 min
Response: 354493005
Conc: 467.98 ng/ml



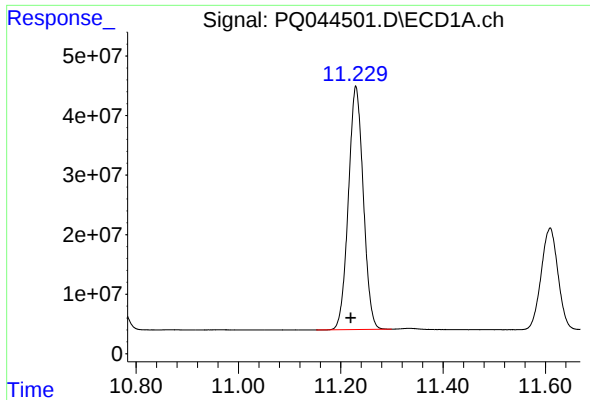
#44 AR-1268-4

R.T.: 10.766 min
Delta R.T.: 0.010 min
Response: 110873561
Conc: 384.84 ng/ml



#44 AR-1268-4

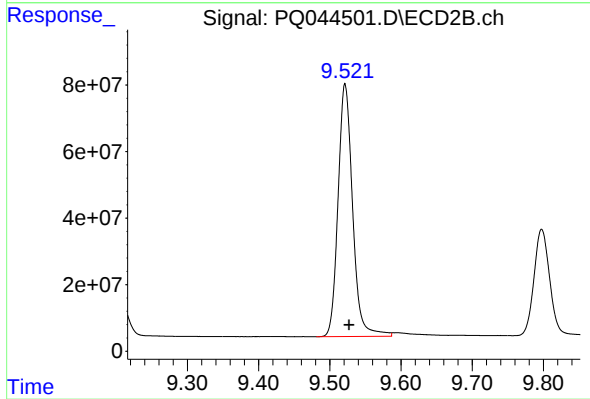
R.T.: 9.208 min
Delta R.T.: -0.004 min
Response: 136204818
Conc: 416.54 ng/ml



#45 AR-1268-5

R.T.: 11.230 min
Delta R.T.: 0.010 min
Response: 824873147
Conc: 379.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268329



#45 AR-1268-5

R.T.: 9.521 min
Delta R.T.: -0.006 min
Response: 1079072536
Conc: 414.27 ng/ml