

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2019 09:27
 Operator : SM\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1242338

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 03:28:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.601	4.738	58543779	37270119	17.871	17.353
2) SA Decachlor...	11.908	10.456	266.0E6	137.2E6	37.235	32.990
Target Compounds						
3) L1 AR-1016-1	7.073	6.183	46678630	20212492	279.024	157.568 #
4) L1 AR-1016-2	7.073	6.203	46678630	33667092	177.552	174.429
5) L1 AR-1016-3	7.144	6.417	28705058	16950245	168.182	157.166
6) L1 AR-1016-4	7.258	6.471	20732601	13515484	149.993	158.727
7) L1 AR-1016-5	7.589	6.723	24319599	19365196	175.309	168.188
8) L2 AR-1221-1	0.000	5.040	0	1699296	N.D.	69.340 #
9) L2 AR-1221-2	0.000	5.158	0	2775472	N.D.	170.403 #
10) L2 AR-1221-3	6.090	5.261	14299409	9430104	161.866	155.083
11) L3 AR-1232-1	6.090	5.261	14299409	9430104	220.779	205.793
12) L3 AR-1232-2	6.732	6.203	21816213	33667092	550.253	561.244
13) L3 AR-1232-3	7.073	6.417	46678630	16950245	577.618	481.982
14) L3 AR-1232-4	7.258	6.519	20732601	17086601	496.014	578.261
15) L3 AR-1232-5	7.361	6.723	19304406	19365196	609.116	643.268
16) L4 AR-1242-1	7.048	6.183	29603283	20212492	305.327	273.334
17) L4 AR-1242-2	7.073	6.203	46678630	33667092	322.995	316.243
18) L4 AR-1242-3	7.144	6.417	28705058	16950245	308.356	280.985
19) L4 AR-1242-4	7.258	6.519	20732601	17086601	275.661	286.686
20) L4 AR-1242-5	8.077	7.132	26977957	22881539	311.187	283.931
21) L5 AR-1248-1	7.073	6.183	46678630	20212492	603.064	350.769 #
22) L5 AR-1248-2	7.361	6.471	19304406	13515484	171.394	153.726
23) L5 AR-1248-3	7.589	6.519	24319599	17086601	176.194	188.837
24) L5 AR-1248-4	8.036	6.723	26244003	19365196	173.836	175.363
25) L5 AR-1248-5	8.077	7.177	26977957	22399626	179.186	197.292
26) L6 AR-1254-1	8.004	7.132	19140720	22881539	109.755	119.463
27) L6 AR-1254-2	8.249	7.298	23183906	5120320	83.832	29.473 #
28) L6 AR-1254-3	8.637	7.745	9064464	8075986	30.542	27.946
29) L6 AR-1254-4	8.939	7.994	7386685	6888758	35.542	38.582
30) L6 AR-1254-5	0.000	8.438	0	2690326	N.D.	10.443 #
31) L7 AR-1260-1	0.000	7.901	0	2870943	N.D.	10.473 #
32) L7 AR-1260-2	0.000	8.088	0	878443	N.D.	2.539 #
33) L7 AR-1260-3	0.000	8.250	0	768900	N.D.	2.398 #
34) L7 AR-1260-4	0.000	8.749	0	234280	N.D.	0.862 #
35) L7 AR-1260-5	0.000	8.985	0	944880	N.D.	1.406 #
36) L8 AR-1262-1	0.000	8.510	0	531180	N.D.	4.678 #
37) L8 AR-1262-2	0.000	8.985	0	944880	N.D.	1.904 #
38) L8 AR-1262-3	0.000	9.357	0	321032	N.D.	1.527 #
39) L8 AR-1262-4	0.000	9.357	0	321032	N.D.	0.848 #
40) L8 AR-1262-5	0.000	9.887	0	865218	N.D.	5.337 #
41) L9 AR-1268-1	0.000	9.357	0	321032	N.D.	0.703 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
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 Acq On : 25 May 2019 09:27
 Operator : SM\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

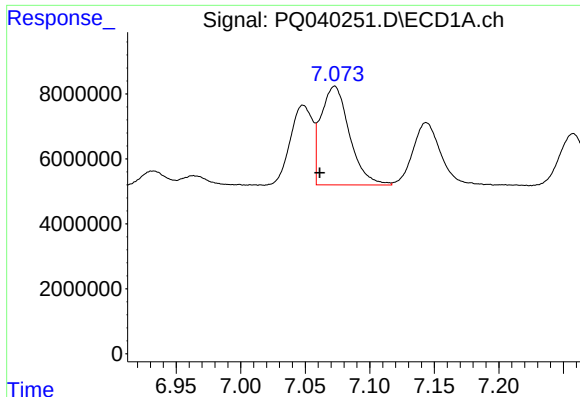
Instrument :
 ECD_Q
 ClientSampleId :
 AR1242338

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 03:28:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	9.357	0	321032	N.D.	0.734 #
43) L9	AR-1268-3	0.000	9.567	0	1096440	N.D.	2.921 #
44) L9	AR-1268-4	0.000	9.887	0	865218	N.D.	6.280 #
45) L9	AR-1268-5	0.000	10.189	0	1146445	N.D.	0.971 #

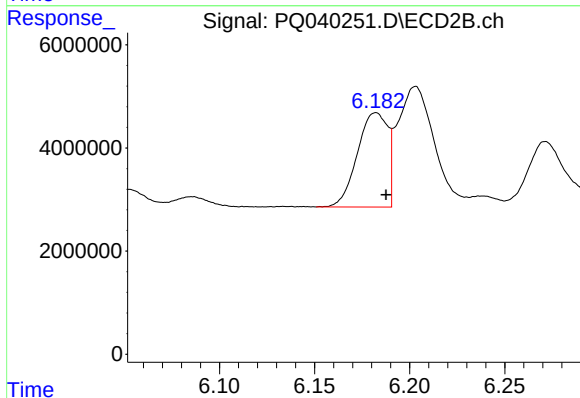
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

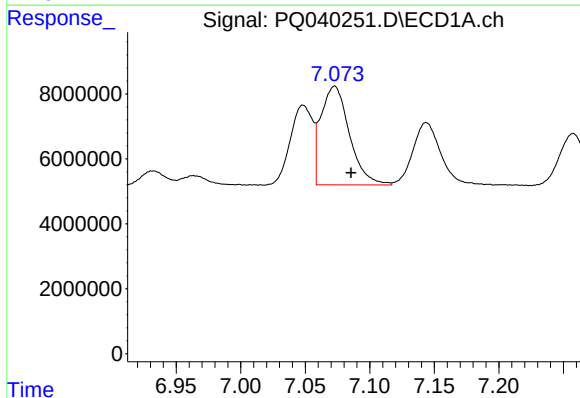
R.T.: 7.073 min
Delta R.T.: 0.012 min
Response: 46678630
Conc: 279.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



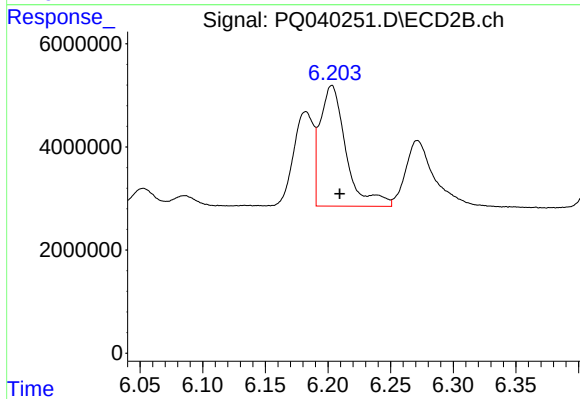
#3 AR-1016-1

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 20212492
Conc: 157.57 ng/ml



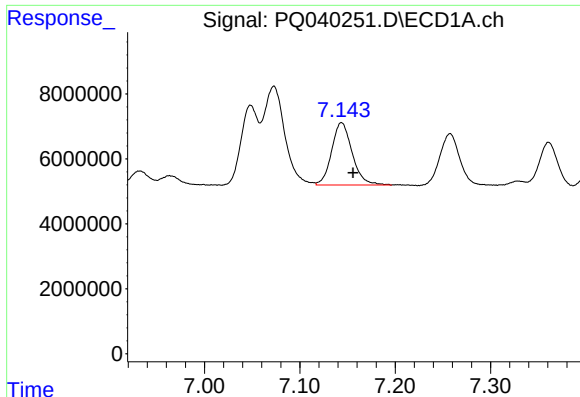
#4 AR-1016-2

R.T.: 7.073 min
Delta R.T.: -0.013 min
Response: 46678630
Conc: 177.55 ng/ml



#4 AR-1016-2

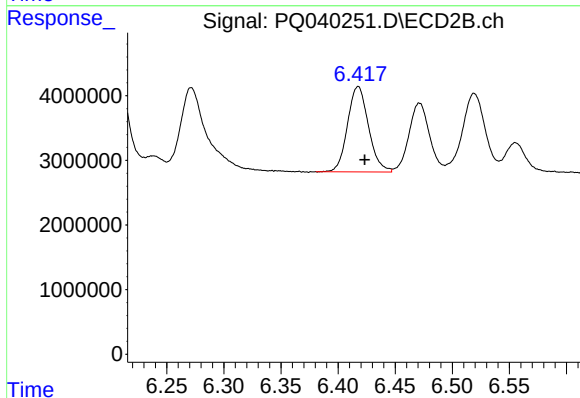
R.T.: 6.203 min
Delta R.T.: -0.006 min
Response: 33667092
Conc: 174.43 ng/ml



#5 AR-1016-3

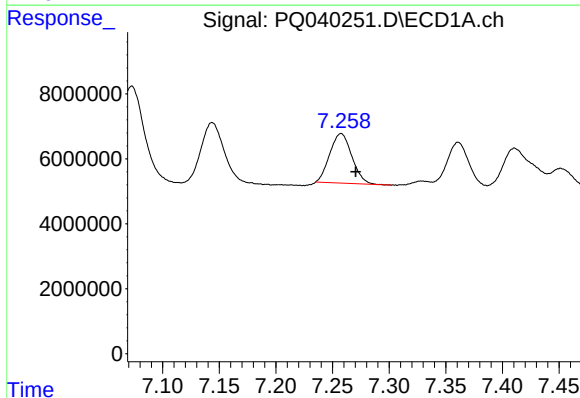
R.T.: 7.144 min
Delta R.T.: -0.012 min
Response: 28705058
Conc: 168.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



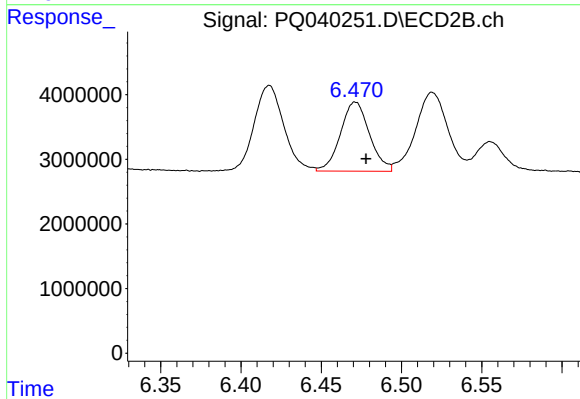
#5 AR-1016-3

R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 16950245
Conc: 157.17 ng/ml



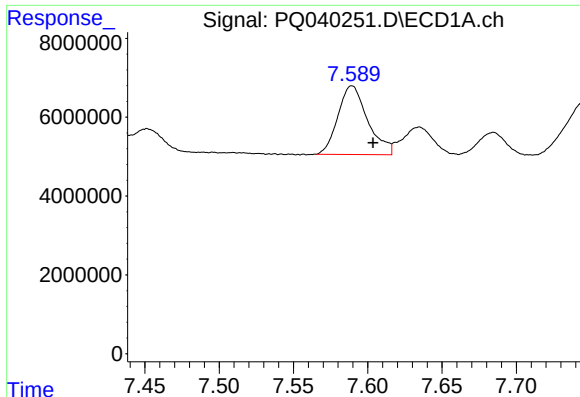
#6 AR-1016-4

R.T.: 7.258 min
Delta R.T.: -0.013 min
Response: 20732601
Conc: 149.99 ng/ml



#6 AR-1016-4

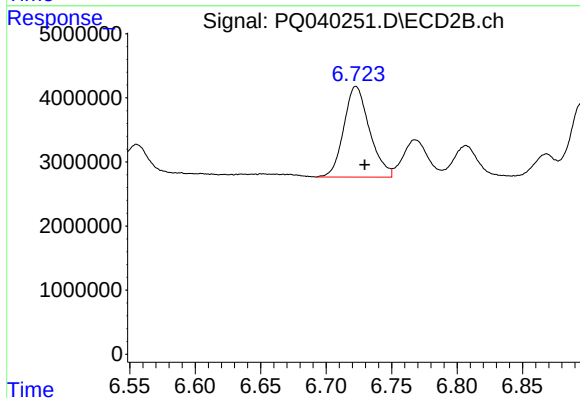
R.T.: 6.471 min
Delta R.T.: -0.007 min
Response: 13515484
Conc: 158.73 ng/ml



#7 AR-1016-5

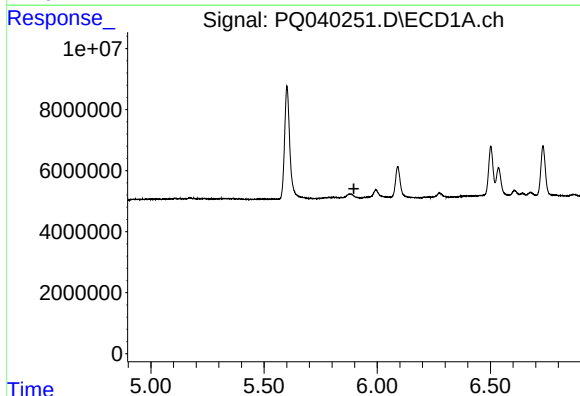
R.T.: 7.589 min
Delta R.T.: -0.014 min
Response: 24319599
Conc: 175.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



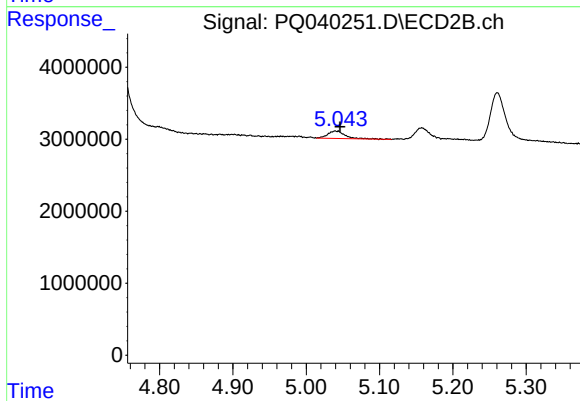
#7 AR-1016-5

R.T.: 6.723 min
Delta R.T.: -0.007 min
Response: 19365196
Conc: 168.19 ng/ml



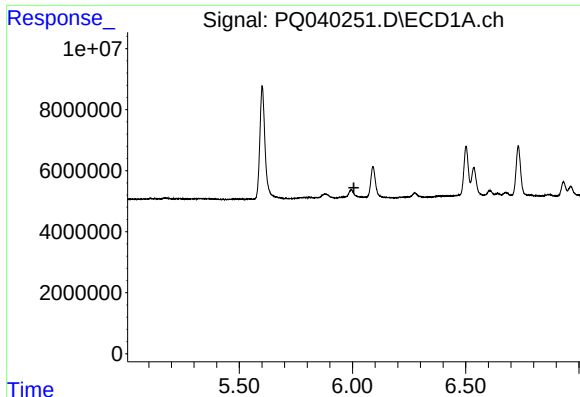
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

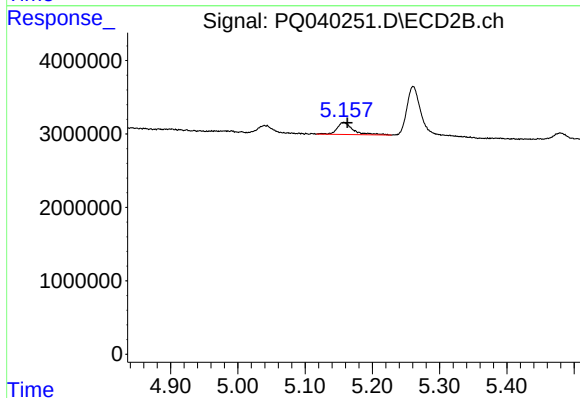
R.T.: 5.040 min
Delta R.T.: -0.006 min
Response: 1699296
Conc: 69.34 ng/ml



#9 AR-1221-2

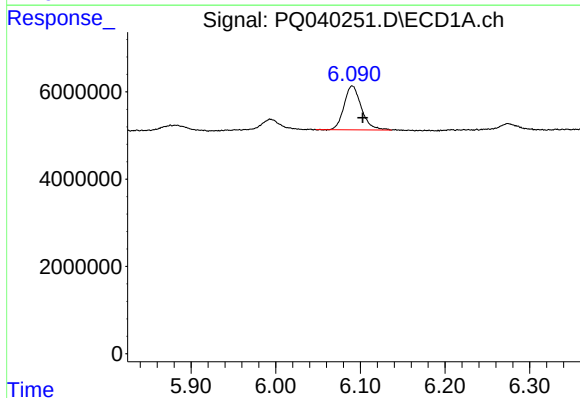
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242338



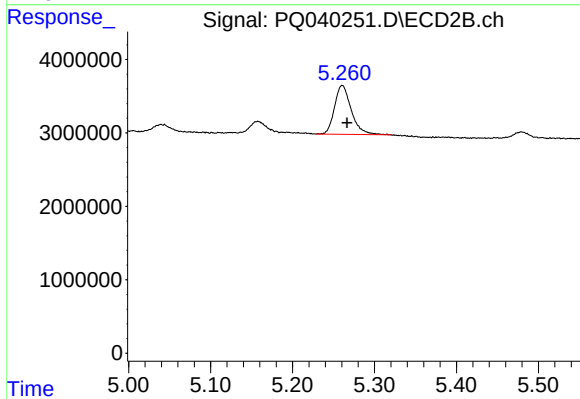
#9 AR-1221-2

R.T.: 5.158 min
Delta R.T.: -0.006 min
Response: 2775472
Conc: 170.40 ng/ml



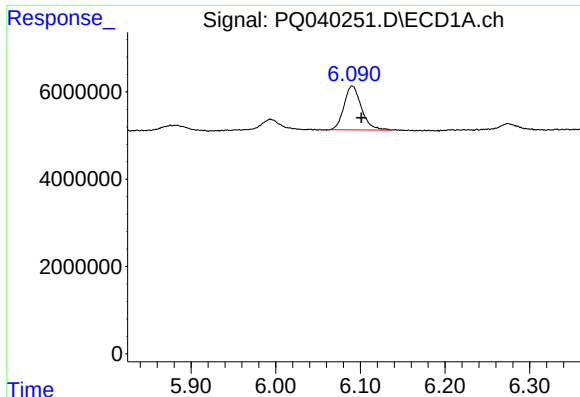
#10 AR-1221-3

R.T.: 6.090 min
Delta R.T.: -0.013 min
Response: 14299409
Conc: 161.87 ng/ml



#10 AR-1221-3

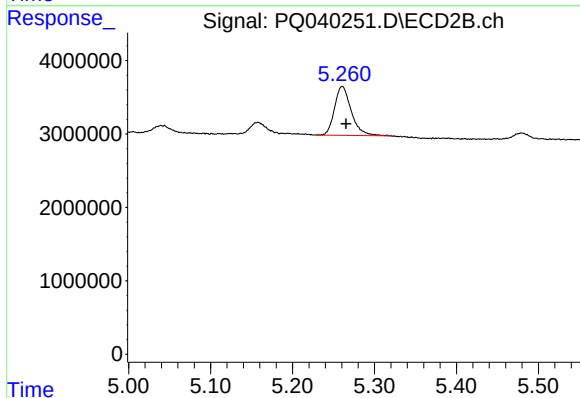
R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 9430104
Conc: 155.08 ng/ml



#11 AR-1232-1

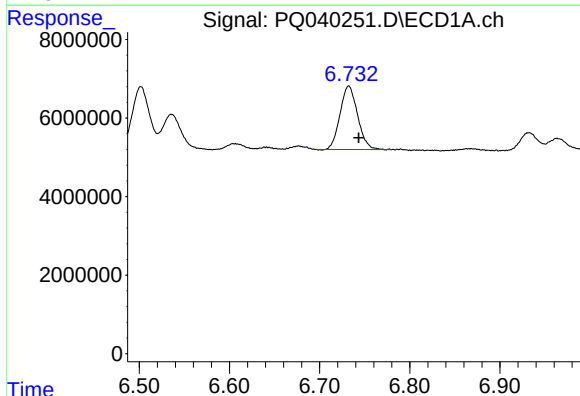
R.T.: 6.090 min
Delta R.T.: -0.011 min
Response: 14299409
Conc: 220.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



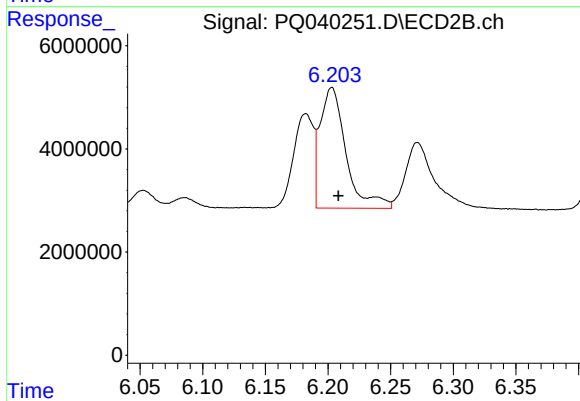
#11 AR-1232-1

R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 9430104
Conc: 205.79 ng/ml



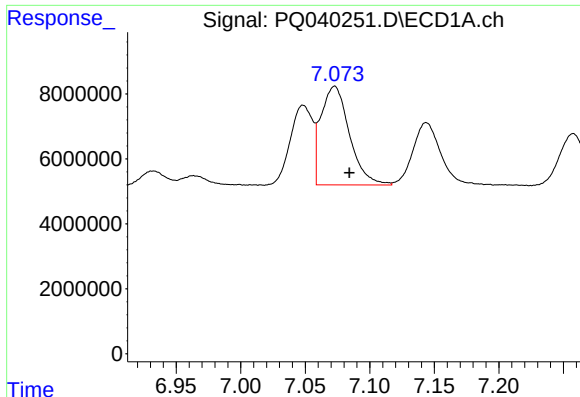
#12 AR-1232-2

R.T.: 6.732 min
Delta R.T.: -0.011 min
Response: 21816213
Conc: 550.25 ng/ml



#12 AR-1232-2

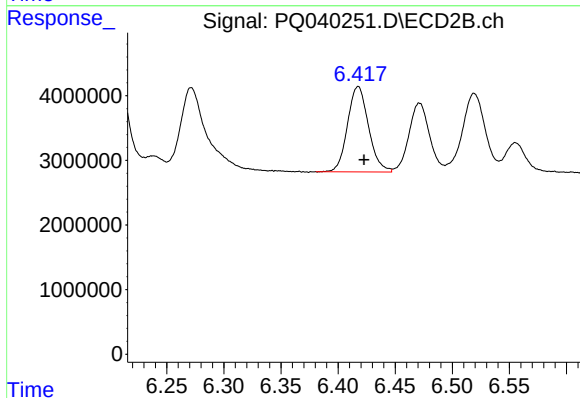
R.T.: 6.203 min
Delta R.T.: -0.005 min
Response: 33667092
Conc: 561.24 ng/ml



#13 AR-1232-3

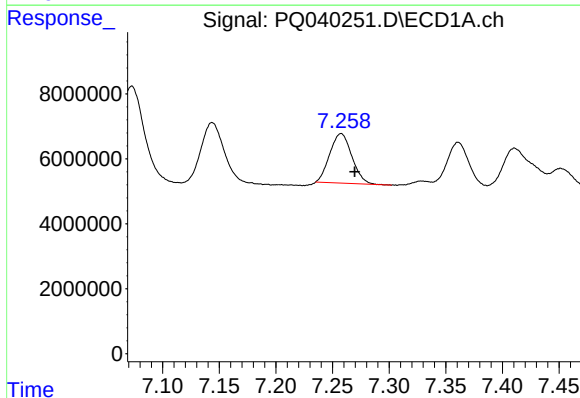
R.T.: 7.073 min
Delta R.T.: -0.012 min
Response: 46678630
Conc: 577.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



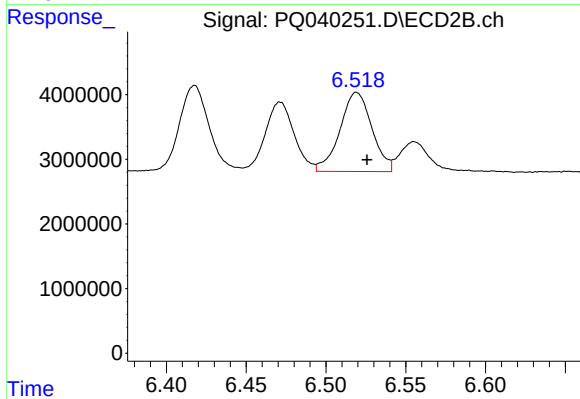
#13 AR-1232-3

R.T.: 6.417 min
Delta R.T.: -0.005 min
Response: 16950245
Conc: 481.98 ng/ml



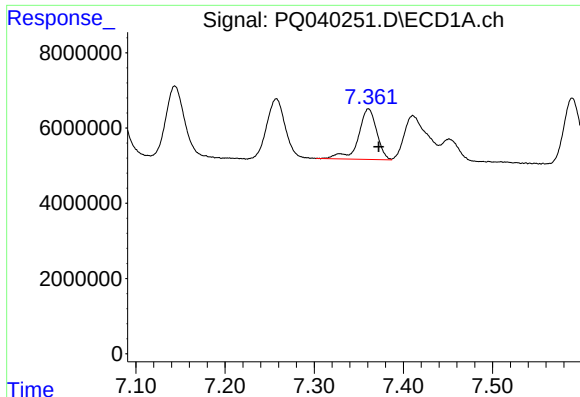
#14 AR-1232-4

R.T.: 7.258 min
Delta R.T.: -0.012 min
Response: 20732601
Conc: 496.01 ng/ml



#14 AR-1232-4

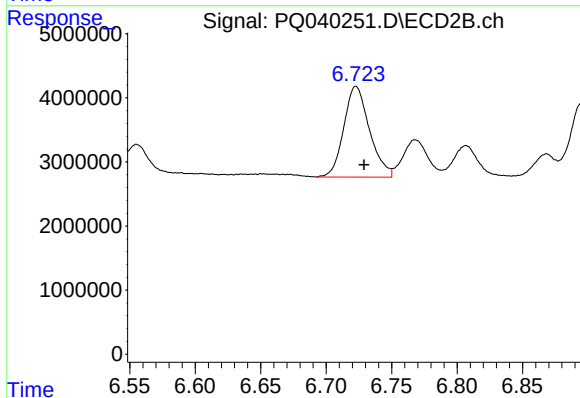
R.T.: 6.519 min
Delta R.T.: -0.007 min
Response: 17086601
Conc: 578.26 ng/ml



#15 AR-1232-5

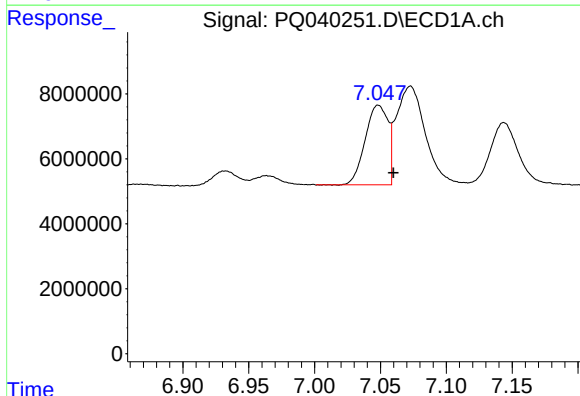
R.T.: 7.361 min
Delta R.T.: -0.011 min
Response: 19304406
Conc: 609.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



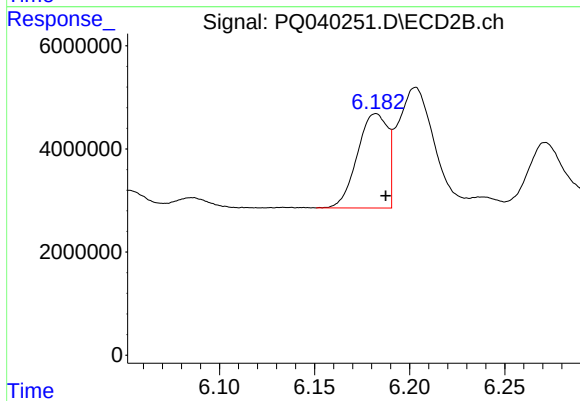
#15 AR-1232-5

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 19365196
Conc: 643.27 ng/ml



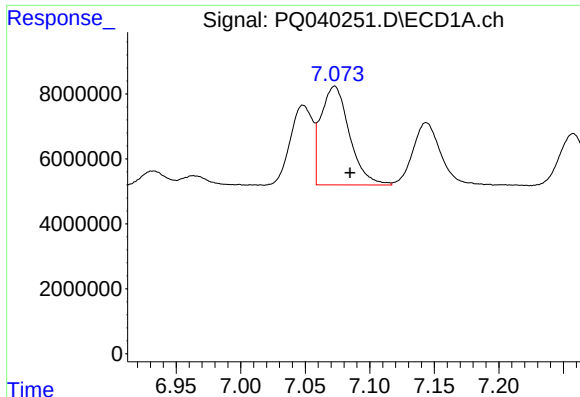
#16 AR-1242-1

R.T.: 7.048 min
Delta R.T.: -0.011 min
Response: 29603283
Conc: 305.33 ng/ml



#16 AR-1242-1

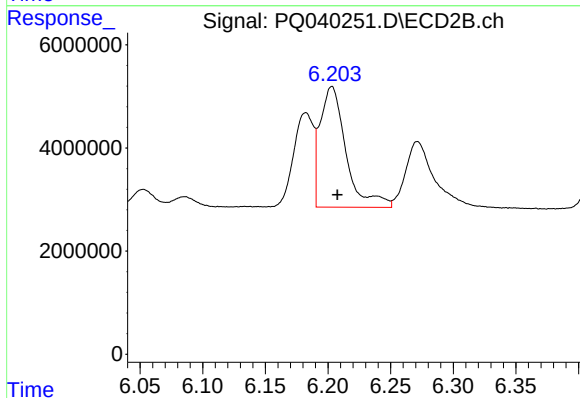
R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 20212492
Conc: 273.33 ng/ml



#17 AR-1242-2

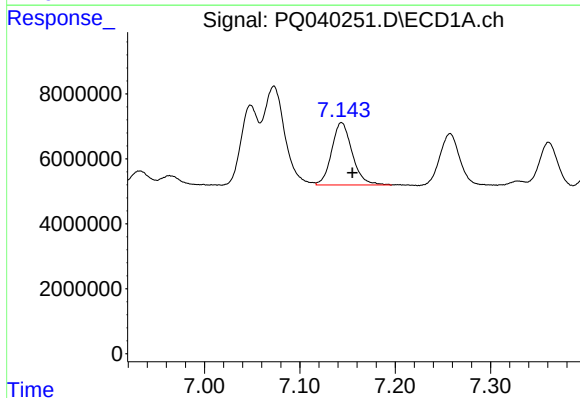
R.T.: 7.073 min
Delta R.T.: -0.012 min
Response: 46678630
Conc: 322.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



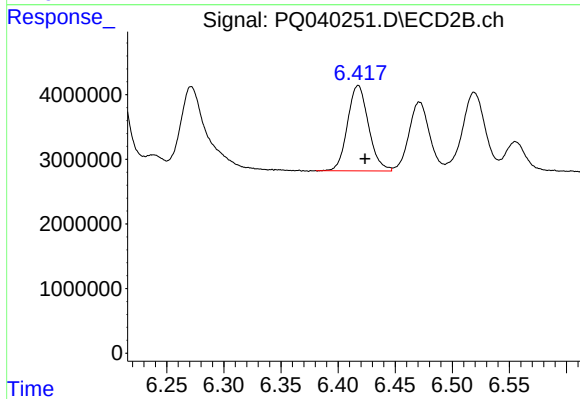
#17 AR-1242-2

R.T.: 6.203 min
Delta R.T.: -0.004 min
Response: 33667092
Conc: 316.24 ng/ml



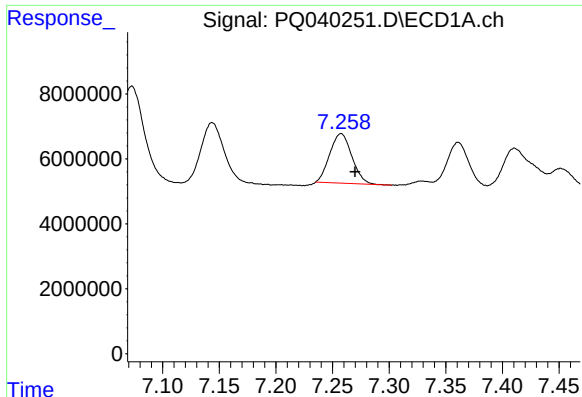
#18 AR-1242-3

R.T.: 7.144 min
Delta R.T.: -0.011 min
Response: 28705058
Conc: 308.36 ng/ml



#18 AR-1242-3

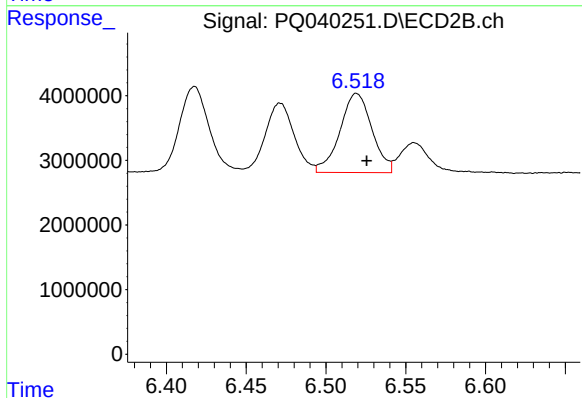
R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 16950245
Conc: 280.98 ng/ml



#19 AR-1242-4

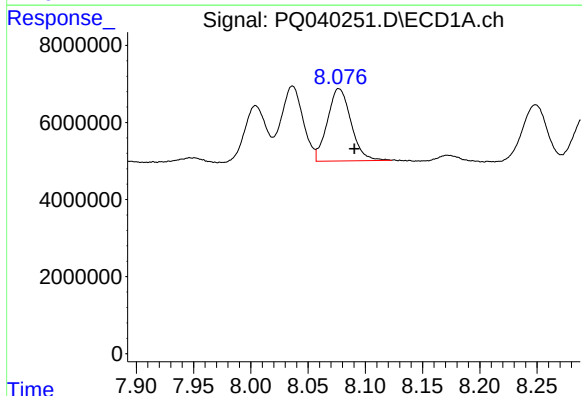
R.T.: 7.258 min
Delta R.T.: -0.012 min
Response: 20732601
Conc: 275.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



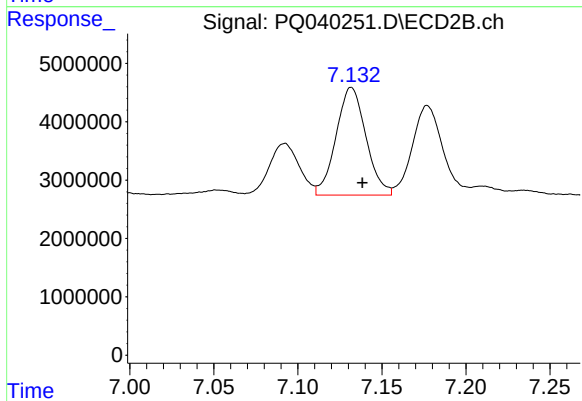
#19 AR-1242-4

R.T.: 6.519 min
Delta R.T.: -0.006 min
Response: 17086601
Conc: 286.69 ng/ml



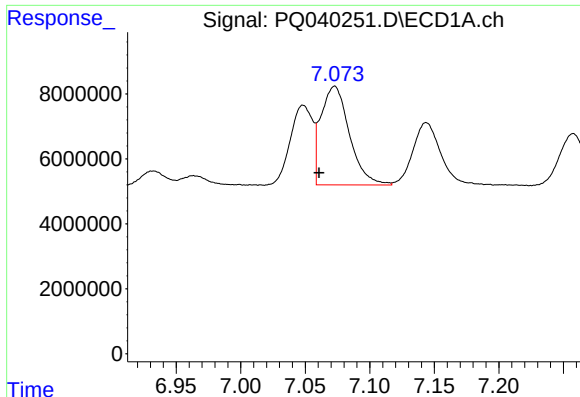
#20 AR-1242-5

R.T.: 8.077 min
Delta R.T.: -0.014 min
Response: 26977957
Conc: 311.19 ng/ml



#20 AR-1242-5

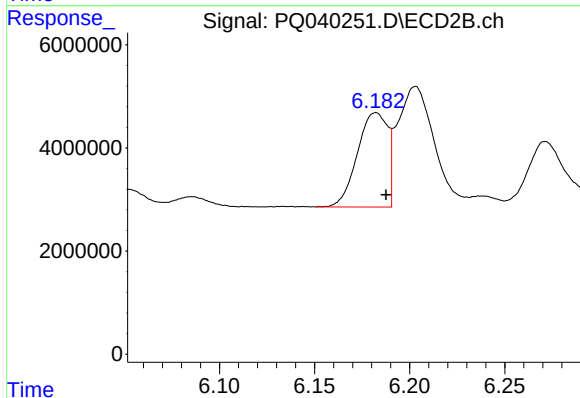
R.T.: 7.132 min
Delta R.T.: -0.007 min
Response: 22881539
Conc: 283.93 ng/ml



#21 AR-1248-1

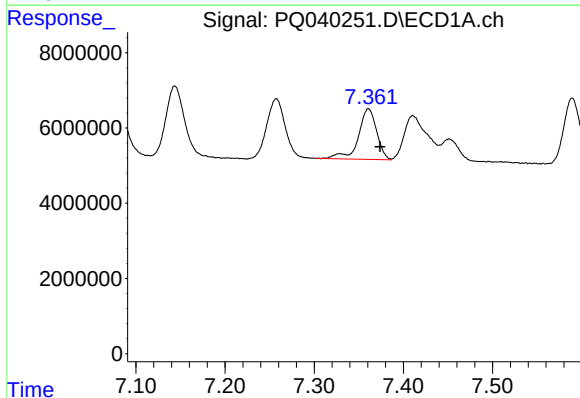
R.T.: 7.073 min
Delta R.T.: 0.012 min
Response: 46678630
Conc: 603.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



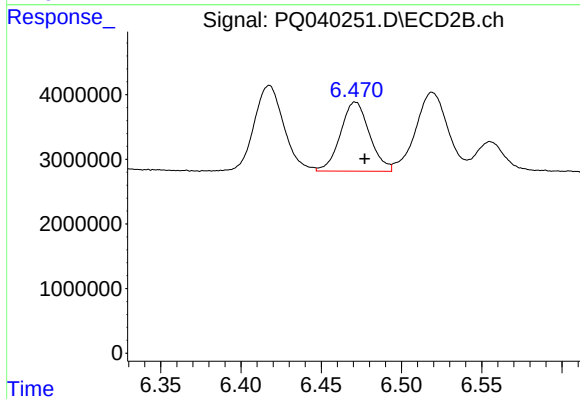
#21 AR-1248-1

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 20212492
Conc: 350.77 ng/ml



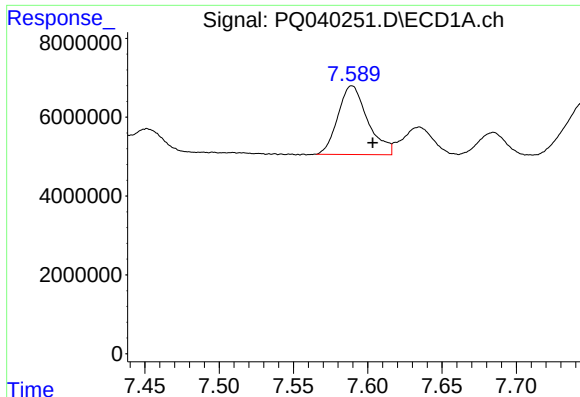
#22 AR-1248-2

R.T.: 7.361 min
Delta R.T.: -0.013 min
Response: 19304406
Conc: 171.39 ng/ml



#22 AR-1248-2

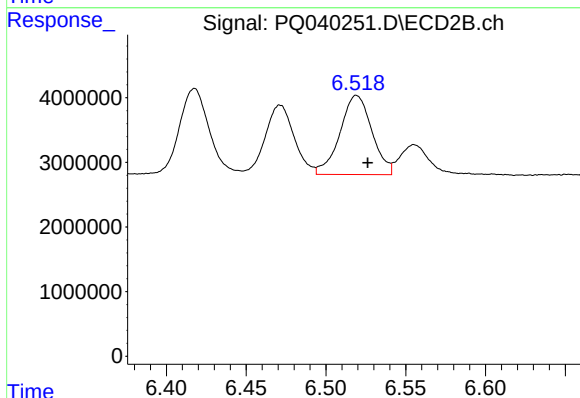
R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 13515484
Conc: 153.73 ng/ml



#23 AR-1248-3

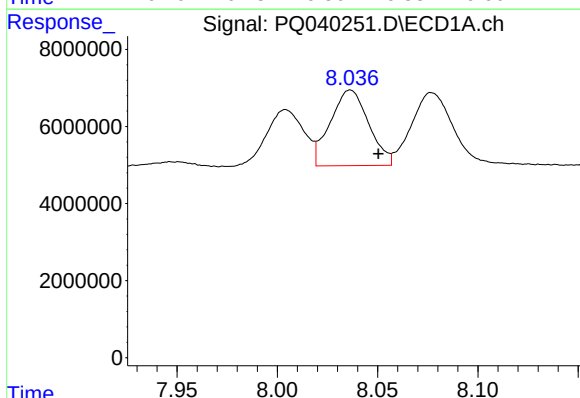
R.T.: 7.589 min
Delta R.T.: -0.014 min
Response: 24319599
Conc: 176.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



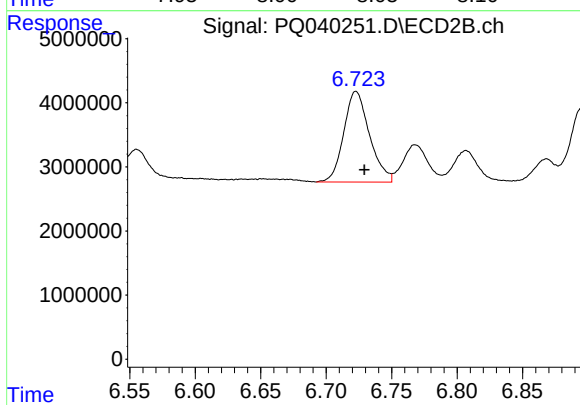
#23 AR-1248-3

R.T.: 6.519 min
Delta R.T.: -0.007 min
Response: 17086601
Conc: 188.84 ng/ml



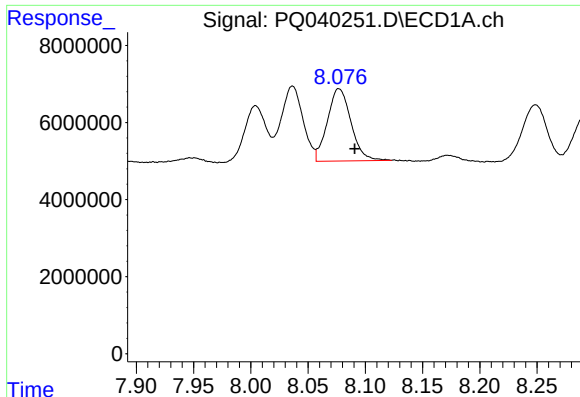
#24 AR-1248-4

R.T.: 8.036 min
Delta R.T.: -0.014 min
Response: 26244003
Conc: 173.84 ng/ml



#24 AR-1248-4

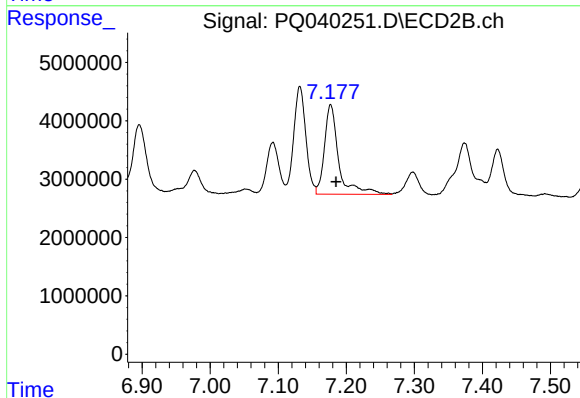
R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 19365196
Conc: 175.36 ng/ml



#25 AR-1248-5

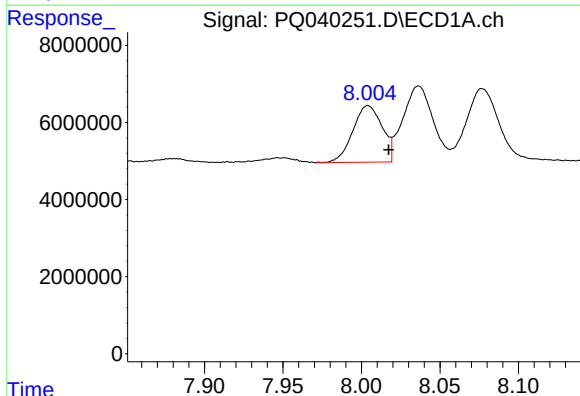
R.T.: 8.077 min
Delta R.T.: -0.014 min
Response: 26977957
Conc: 179.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



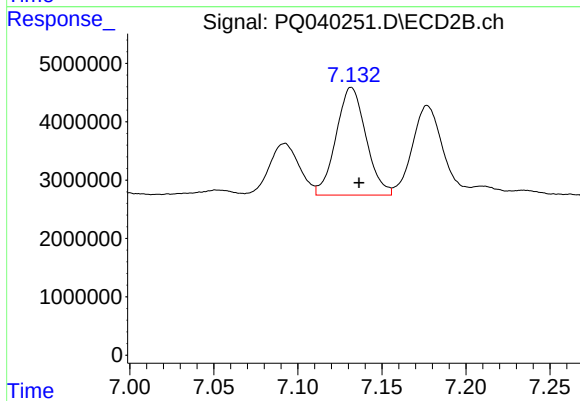
#25 AR-1248-5

R.T.: 7.177 min
Delta R.T.: -0.008 min
Response: 22399626
Conc: 197.29 ng/ml



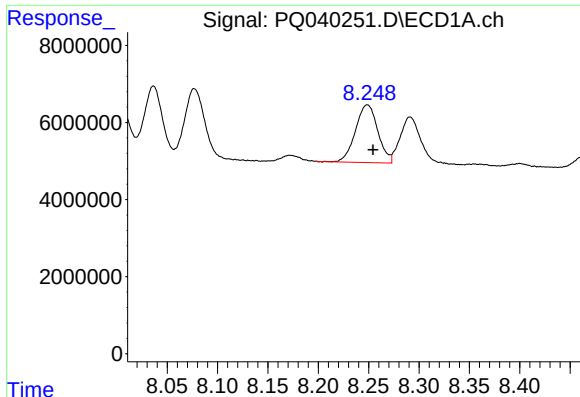
#26 AR-1254-1

R.T.: 8.004 min
Delta R.T.: -0.013 min
Response: 19140720
Conc: 109.76 ng/ml



#26 AR-1254-1

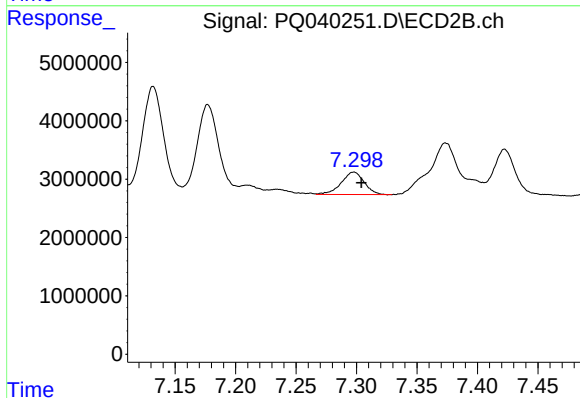
R.T.: 7.132 min
Delta R.T.: -0.005 min
Response: 22881539
Conc: 119.46 ng/ml



#27 AR-1254-2

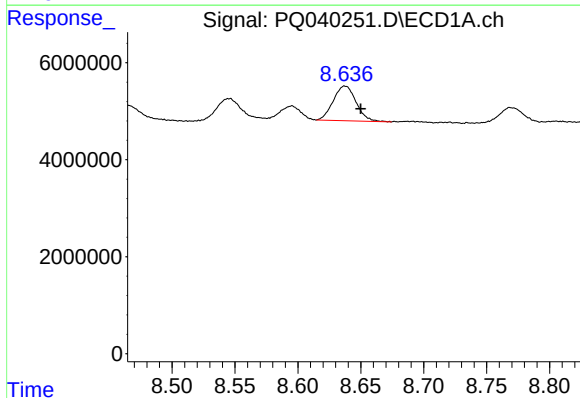
R.T.: 8.249 min
Delta R.T.: -0.006 min
Response: 23183906
Conc: 83.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



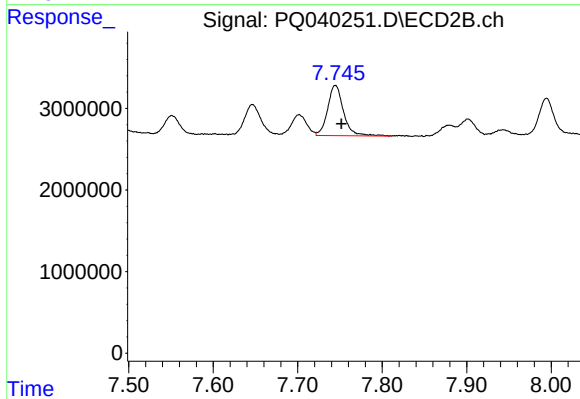
#27 AR-1254-2

R.T.: 7.298 min
Delta R.T.: -0.006 min
Response: 5120320
Conc: 29.47 ng/ml



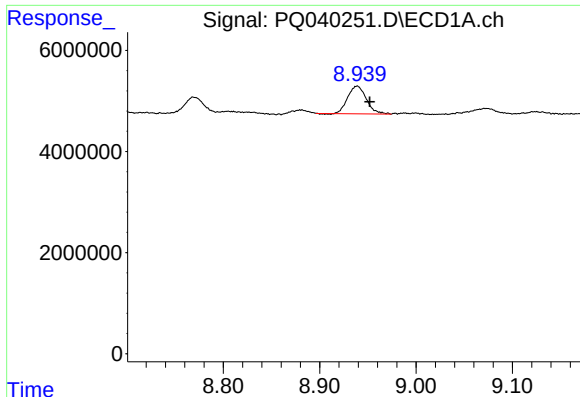
#28 AR-1254-3

R.T.: 8.637 min
Delta R.T.: -0.012 min
Response: 9064464
Conc: 30.54 ng/ml



#28 AR-1254-3

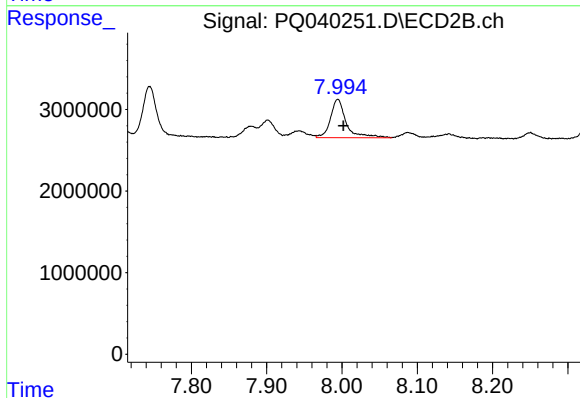
R.T.: 7.745 min
Delta R.T.: -0.007 min
Response: 8075986
Conc: 27.95 ng/ml



#29 AR-1254-4

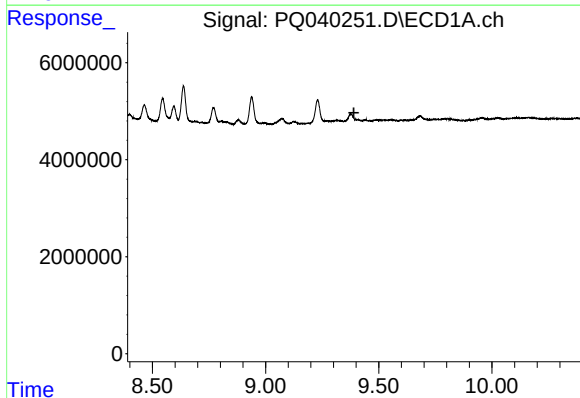
R.T.: 8.939 min
Delta R.T.: -0.013 min
Response: 7386685
Conc: 35.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242338



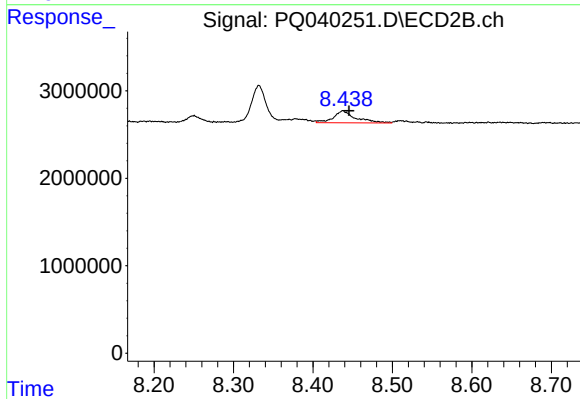
#29 AR-1254-4

R.T.: 7.994 min
Delta R.T.: -0.007 min
Response: 6888758
Conc: 38.58 ng/ml



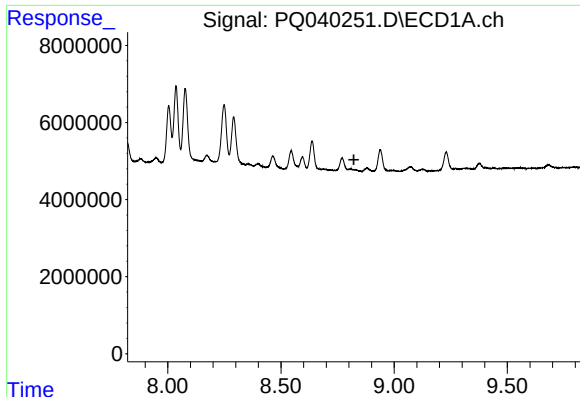
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.390 min
Response: 0
Conc: N.D.



#30 AR-1254-5

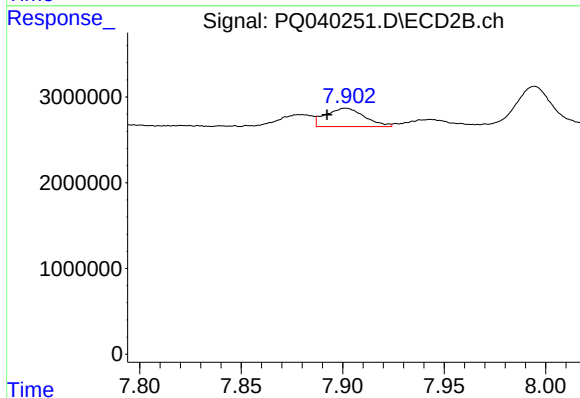
R.T.: 8.438 min
Delta R.T.: -0.008 min
Response: 2690326
Conc: 10.44 ng/ml



#31 AR-1260-1

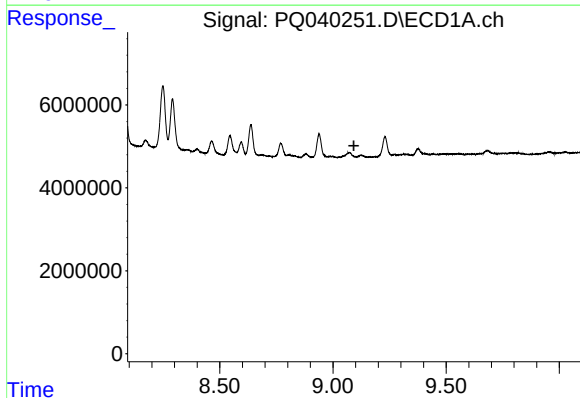
R.T.: 0.000 min
Exp R.T. : 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242338



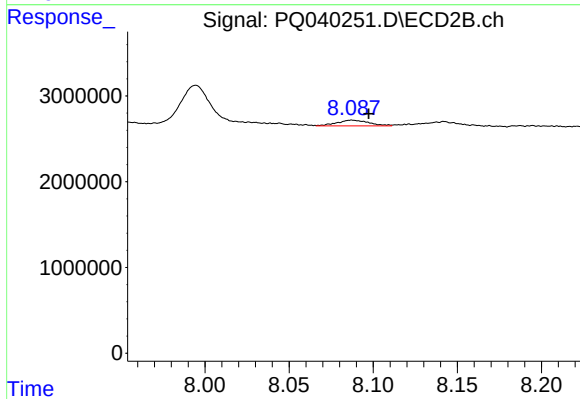
#31 AR-1260-1

R.T.: 7.901 min
Delta R.T.: 0.009 min
Response: 2870943
Conc: 10.47 ng/ml



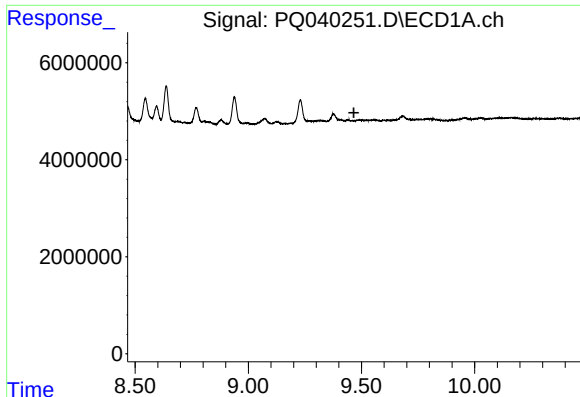
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

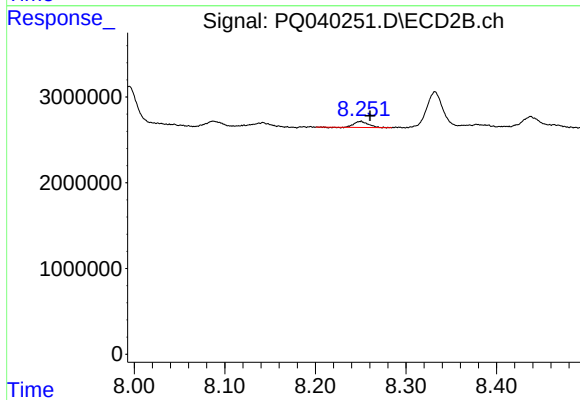
R.T.: 8.088 min
Delta R.T.: -0.009 min
Response: 878443
Conc: 2.54 ng/ml



#33 AR-1260-3

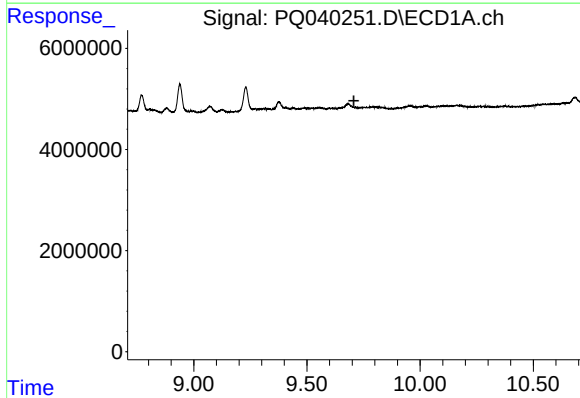
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242338



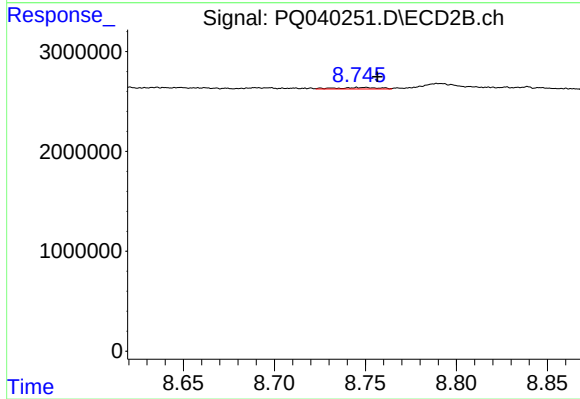
#33 AR-1260-3

R.T.: 8.250 min
Delta R.T.: -0.011 min
Response: 768900
Conc: 2.40 ng/ml



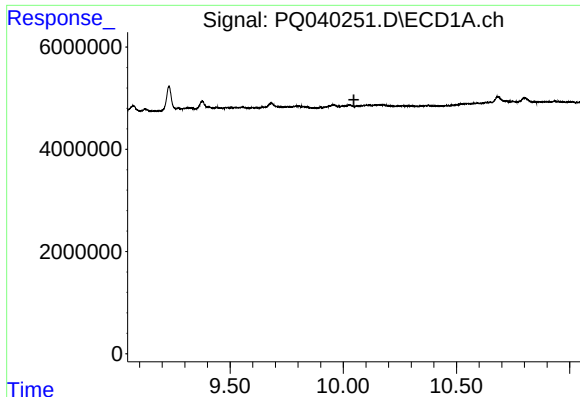
#34 AR-1260-4

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



#34 AR-1260-4

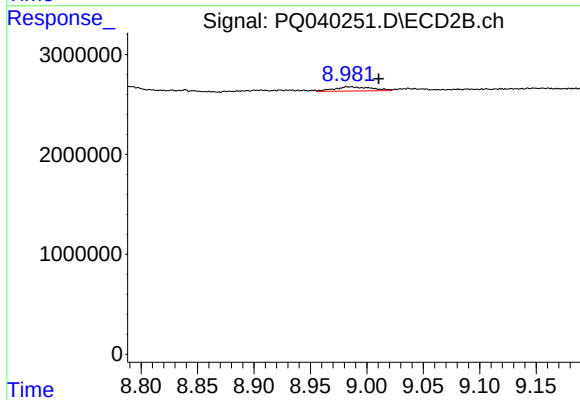
R.T.: 8.749 min
Delta R.T.: -0.008 min
Response: 234280
Conc: 0.86 ng/ml



#35 AR-1260-5

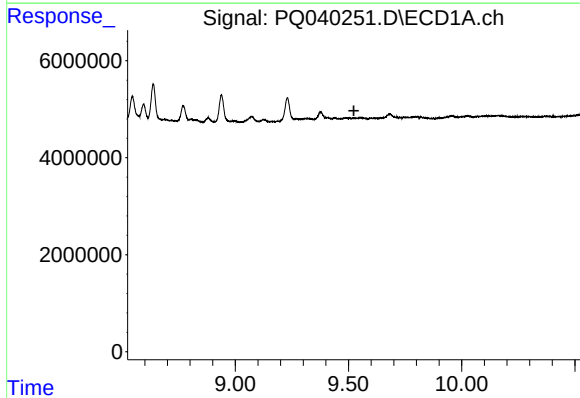
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242338



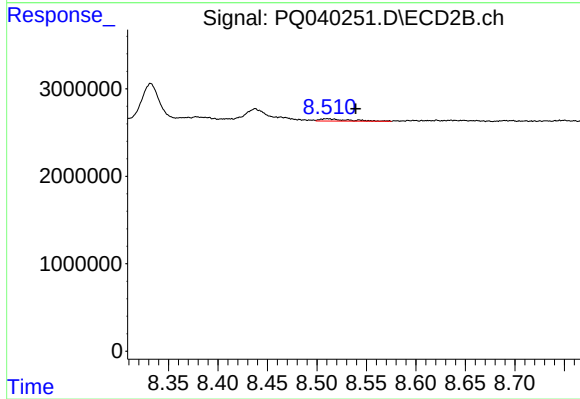
#35 AR-1260-5

R.T.: 8.985 min
Delta R.T.: -0.026 min
Response: 944880
Conc: 1.41 ng/ml



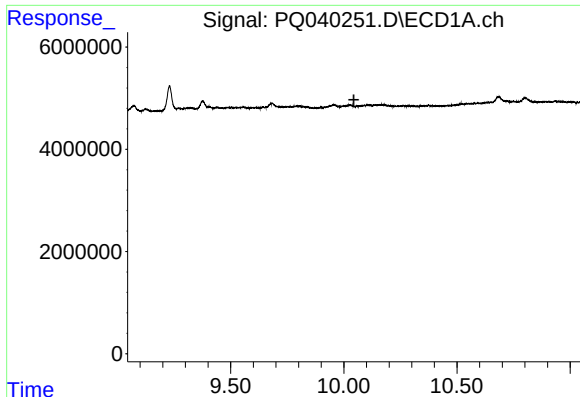
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

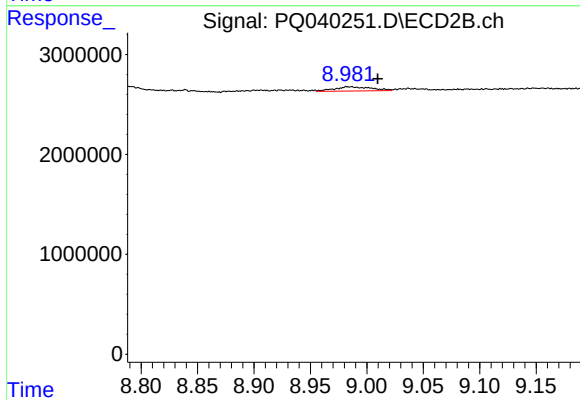
R.T.: 8.510 min
Delta R.T.: -0.029 min
Response: 531180
Conc: 4.68 ng/ml



#37 AR-1262-2

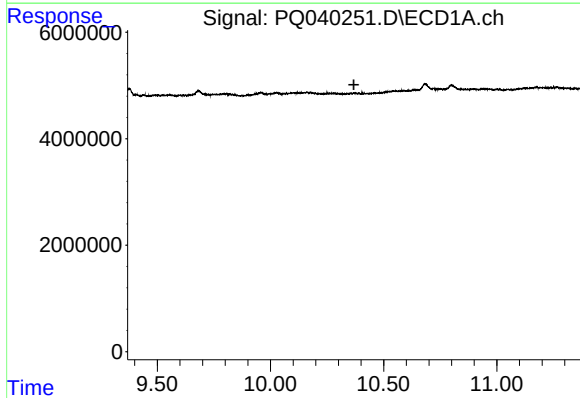
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242338



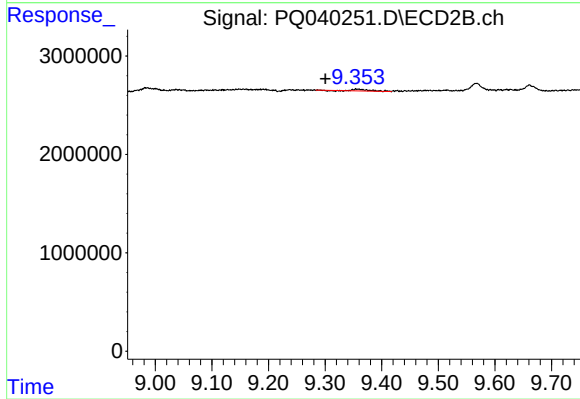
#37 AR-1262-2

R.T.: 8.985 min
Delta R.T.: -0.025 min
Response: 944880
Conc: 1.90 ng/ml



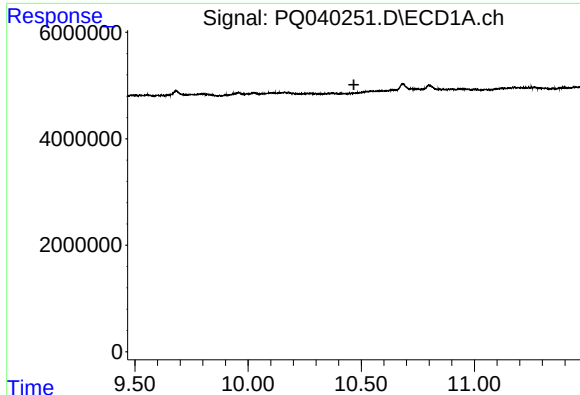
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

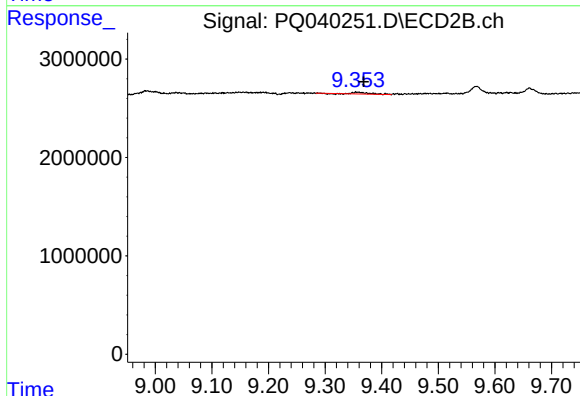
R.T.: 9.357 min
Delta R.T.: 0.057 min
Response: 321032
Conc: 1.53 ng/ml



#39 AR-1262-4

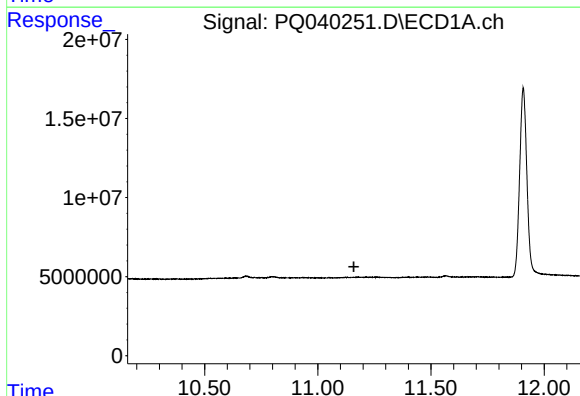
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242338



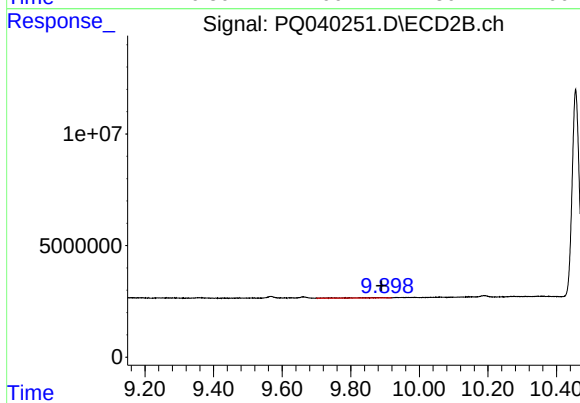
#39 AR-1262-4

R.T.: 9.357 min
Delta R.T.: -0.011 min
Response: 321032
Conc: 0.85 ng/ml



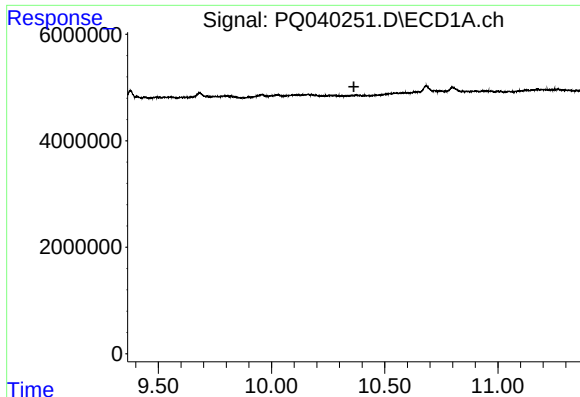
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

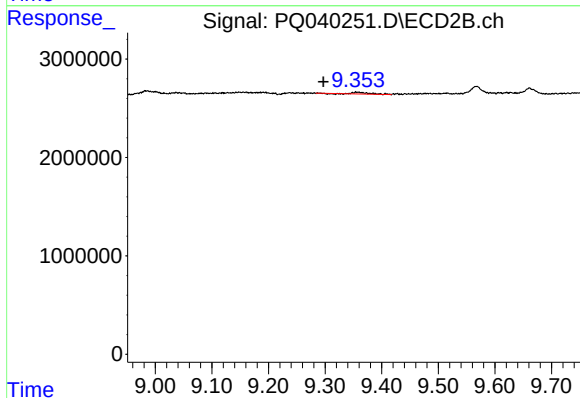
R.T.: 9.887 min
Delta R.T.: -0.002 min
Response: 865218
Conc: 5.34 ng/ml



#41 AR-1268-1

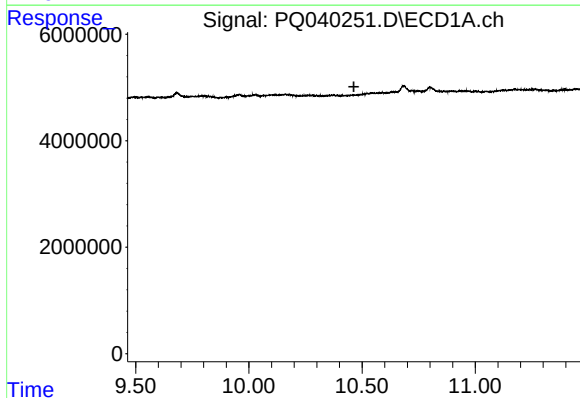
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242338



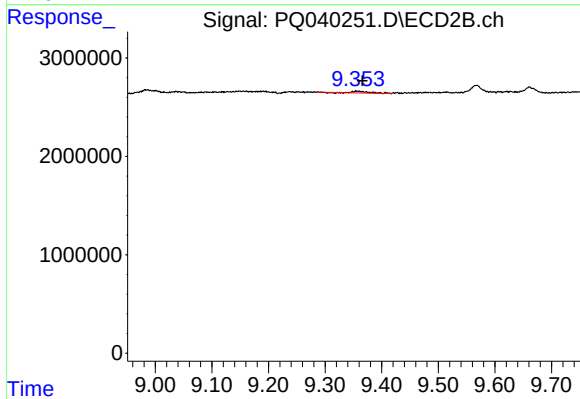
#41 AR-1268-1

R.T.: 9.357 min
Delta R.T.: 0.060 min
Response: 321032
Conc: 0.70 ng/ml



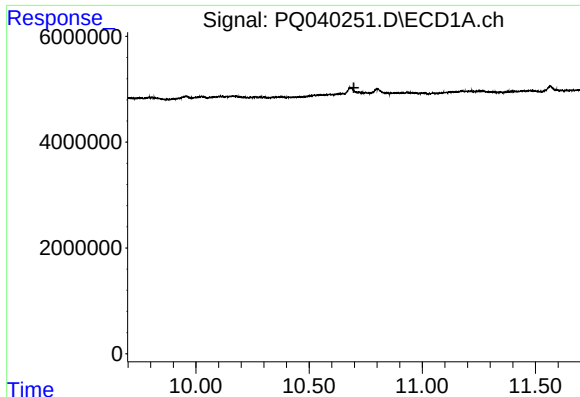
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

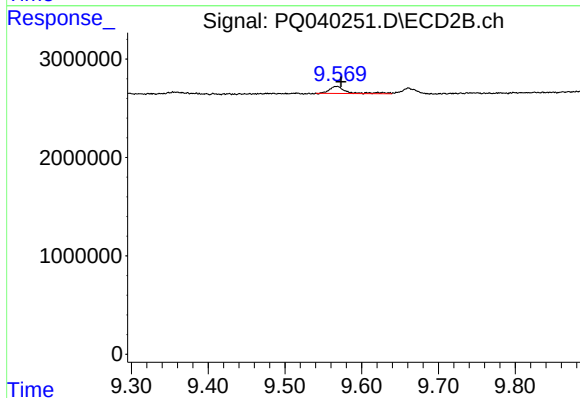
R.T.: 9.357 min
Delta R.T.: -0.009 min
Response: 321032
Conc: 0.73 ng/ml



#43 AR-1268-3

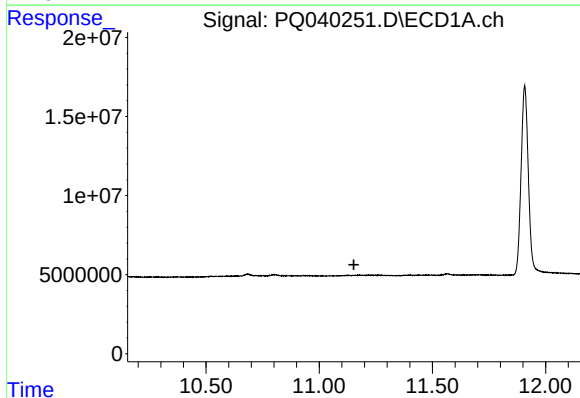
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242338



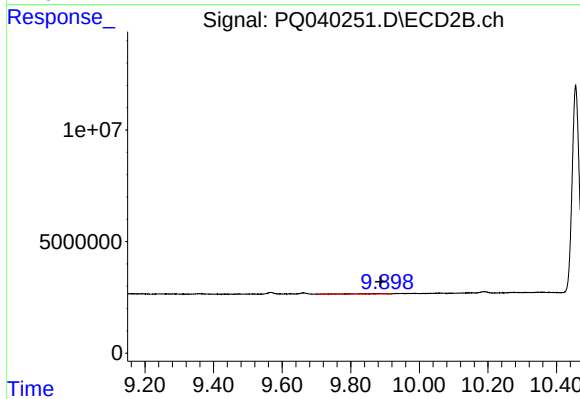
#43 AR-1268-3

R.T.: 9.567 min
Delta R.T.: -0.006 min
Response: 1096440
Conc: 2.92 ng/ml



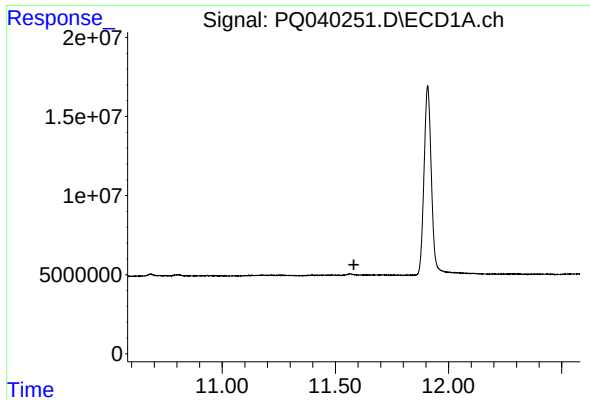
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

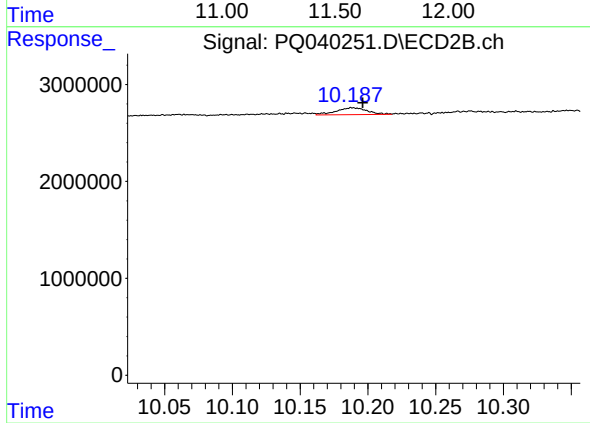
R.T.: 9.887 min
Delta R.T.: 0.000 min
Response: 865218
Conc: 6.28 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242338



#45 AR-1268-5

R.T.: 10.189 min
Delta R.T.: -0.007 min
Response: 1146445
Conc: 0.97 ng/ml