

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052519\
 Data File : PQ040255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2019 10:54
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660339

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 05:28:07 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	63568930	38326054	19.405	17.845
2)	SA Decachlor...	11.912	10.458	309.6E6	161.1E6	43.336	38.734
Target Compounds							
3)	L1 AR-1016-1	7.049	6.182	68892640	47695974	411.810	371.818
4)	L1 AR-1016-2	7.074	6.203	107.6E6	73795627	409.202	382.335
5)	L1 AR-1016-3	7.144	6.417	68918325	39963982	403.791	370.553
6)	L1 AR-1016-4	7.258	6.471	50144230	32587087	362.775	382.707
7)	L1 AR-1016-5	7.591	6.723	58367611	44710945	420.745	388.317
8)	L2 AR-1221-1	0.000	5.039	0	3740471	N.D.	152.630 #
9)	L2 AR-1221-2	5.994	5.158	6532087	4688420	296.483	287.850
10)	L2 AR-1221-3	6.091	5.260	32357903	21453594	366.285	352.816
11)	L3 AR-1232-1	6.091	5.260	32357903	21453594	499.598	468.181
12)	L3 AR-1232-2	6.733	6.203	50846248	73795627	1282.454	1230.204
13)	L3 AR-1232-3	7.074	6.417	107.6E6	39963982	1331.235	1136.379
14)	L3 AR-1232-4	7.258	6.519	50144230	40216679	1199.669	1361.051
15)	L3 AR-1232-5	7.362	6.723	47582066	44710945	1501.367	1485.197
16)	L4 AR-1242-1	7.049	6.182	68892640	47695974	710.556	644.993
17)	L4 AR-1242-2	7.074	6.203	107.6E6	73795627	744.405	693.180
18)	L4 AR-1242-3	7.144	6.417	68918325	39963982	740.336	662.484
19)	L4 AR-1242-4	7.258	6.519	50144230	40216679	666.718	674.772
20)	L4 AR-1242-5	8.079	7.131	16905024	46640986	194.997	578.756 #
21)	L5 AR-1248-1	7.049	6.182	68892640	47695974	890.058	827.720
22)	L5 AR-1248-2	7.362	6.471	47582066	32587087	422.456	370.647
23)	L5 AR-1248-3	7.591	6.519	58367611	40216679	422.871	444.464
24)	L5 AR-1248-4	8.037	6.723	20534644	44710945	136.018	404.883 #
25)	L5 AR-1248-5	8.079	7.178	16905024	10921471	112.282	96.194
26)	L6 AR-1254-1	8.006	7.131	55524118	46640986	318.383	243.510
27)	L6 AR-1254-2	8.242	7.298	50404603	34704265	182.260	199.760
28)	L6 AR-1254-3	8.638	7.759	24633127	70407285	83.000	243.639 #
29)	L6 AR-1254-4	8.938	7.996	16602208	5643243	79.884	31.606 #
30)	L6 AR-1254-5	9.377	8.439	202.7E6	147.5E6	703.721	572.402
31)	L7 AR-1260-1	8.808	7.885	139.4E6	108.9E6	419.296	397.401
32)	L7 AR-1260-2	9.078	8.089	172.4E6	136.4E6	426.780	394.216
33)	L7 AR-1260-3	9.452	8.253	146.7E6	127.3E6	444.648	396.943
34)	L7 AR-1260-4	9.692	8.749	161.7E6	109.0E6	438.632	401.237
35)	L7 AR-1260-5	10.032	9.003	338.2E6	267.2E6	439.239	397.452
36)	L8 AR-1262-1	9.512	8.532	76293600	59453664	548.821	523.605
37)	L8 AR-1262-2	10.032	9.003	338.2E6	267.2E6	584.435	538.476
38)	L8 AR-1262-3	10.380	9.292	141.0E6	58818218	333.458	279.752
39)	L8 AR-1262-4	10.450	9.360	82323724	199.4E6	217.963	526.722 #
40)	L8 AR-1262-5	11.143	9.882	102.9E6	65455341	438.074	403.717
41)	L9 AR-1268-1	10.356	9.292	82563430	58818218	137.063	128.892
42)	L9 AR-1268-2	10.450	9.360	82323724	199.4E6	133.791	456.169 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052519\
 Data File : PQ040255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2019 10:54
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

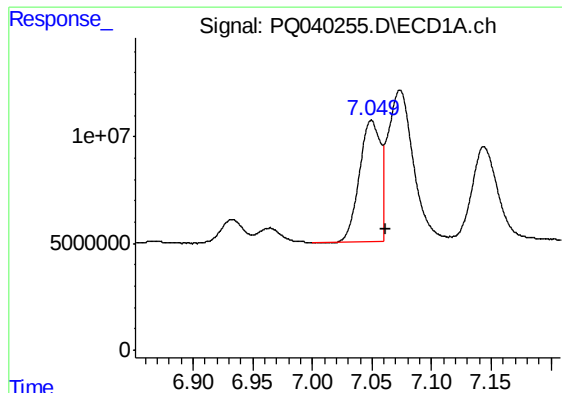
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660339

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 05:28:07 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
43) L9	AR-1268-3	0.000	9.568	0	3513939	N.D.	9.360 #
44) L9	AR-1268-4	11.143	9.882	102.9E6	65455341	504.648	475.056
45) L9	AR-1268-5	11.568	10.191	33873005	19172968	18.331	16.245

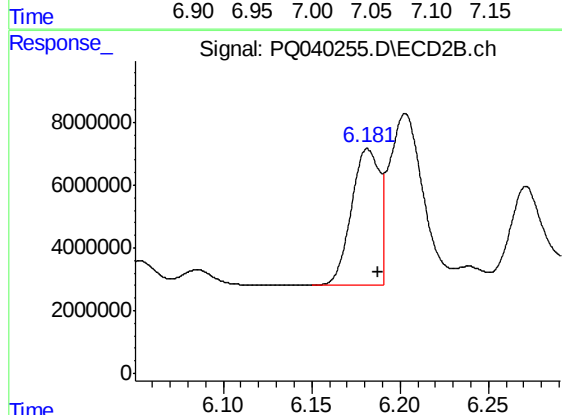
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

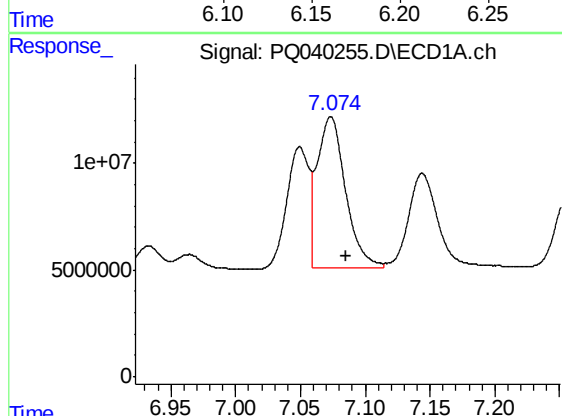
R.T.: 7.049 min
Delta R.T.: -0.012 min
Response: 68892640
Conc: 411.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



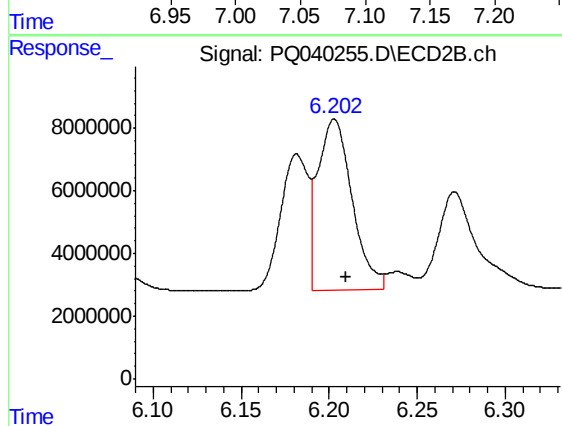
#3 AR-1016-1

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 47695974
Conc: 371.82 ng/ml



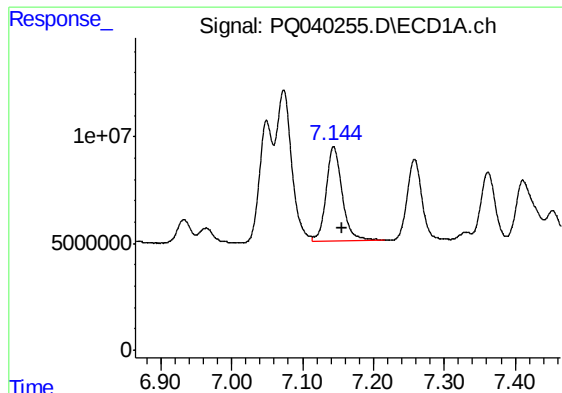
#4 AR-1016-2

R.T.: 7.074 min
Delta R.T.: -0.012 min
Response: 107580057
Conc: 409.20 ng/ml



#4 AR-1016-2

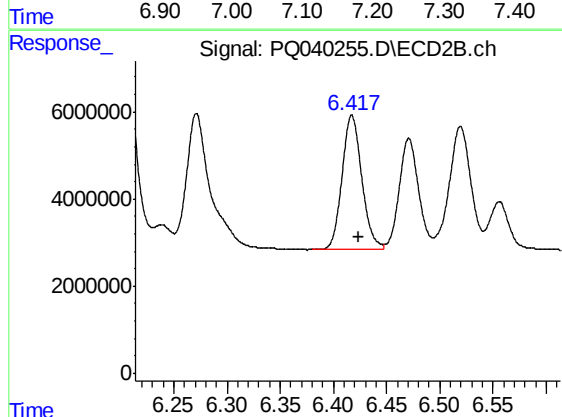
R.T.: 6.203 min
Delta R.T.: -0.006 min
Response: 73795627
Conc: 382.34 ng/ml



#5 AR-1016-3

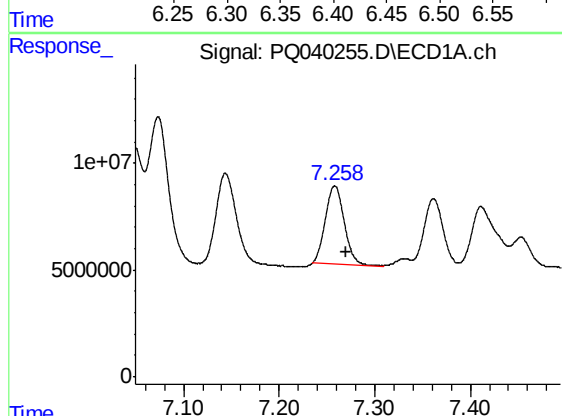
R.T.: 7.144 min
Delta R.T.: -0.012 min
Response: 68918325
Conc: 403.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



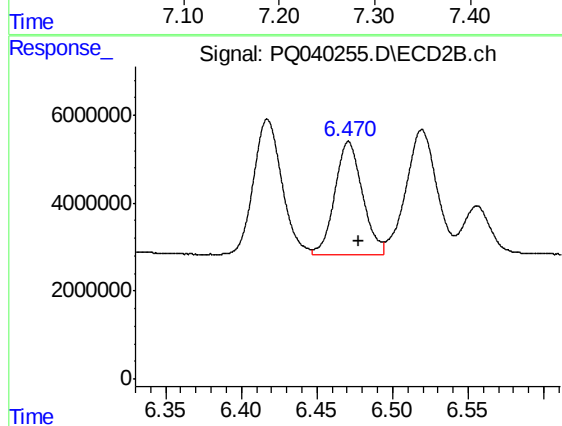
#5 AR-1016-3

R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 39963982
Conc: 370.55 ng/ml



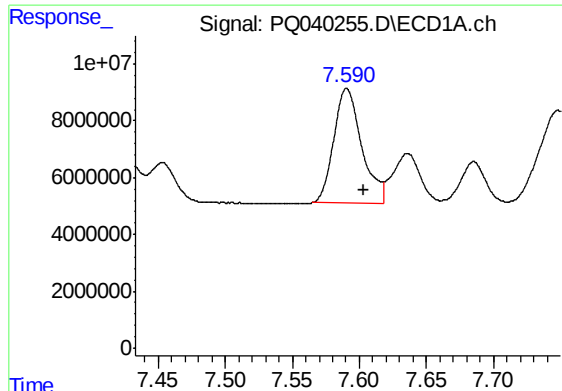
#6 AR-1016-4

R.T.: 7.258 min
Delta R.T.: -0.012 min
Response: 50144230
Conc: 362.78 ng/ml



#6 AR-1016-4

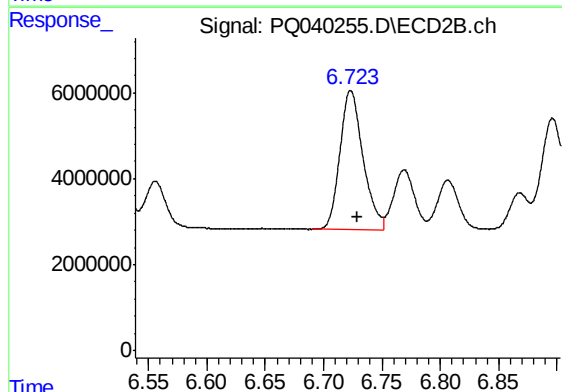
R.T.: 6.471 min
Delta R.T.: -0.007 min
Response: 32587087
Conc: 382.71 ng/ml



#7 AR-1016-5

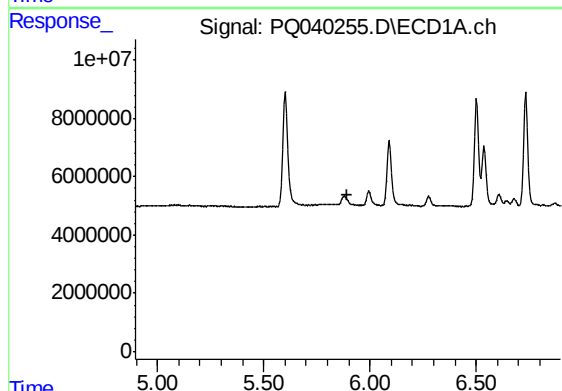
R.T.: 7.591 min
Delta R.T.: -0.013 min
Response: 58367611
Conc: 420.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



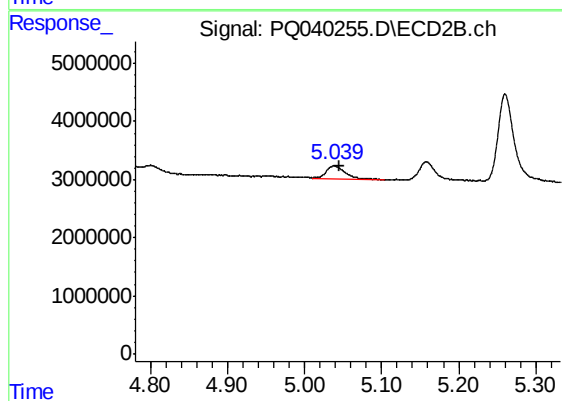
#7 AR-1016-5

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 44710945
Conc: 388.32 ng/ml



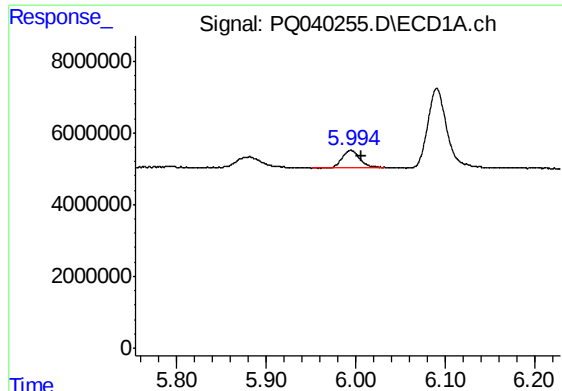
#8 AR-1221-1

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



#8 AR-1221-1

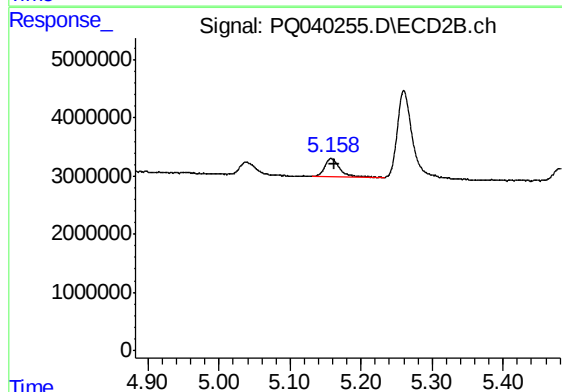
R.T.: 5.039 min
Delta R.T.: -0.008 min
Response: 3740471
Conc: 152.63 ng/ml



#9 AR-1221-2

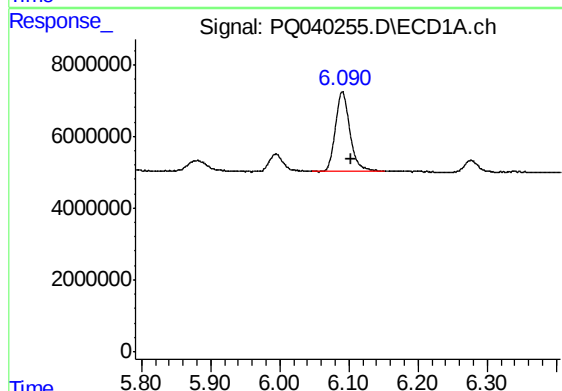
R.T.: 5.994 min
Delta R.T.: -0.012 min
Response: 6532087
Conc: 296.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



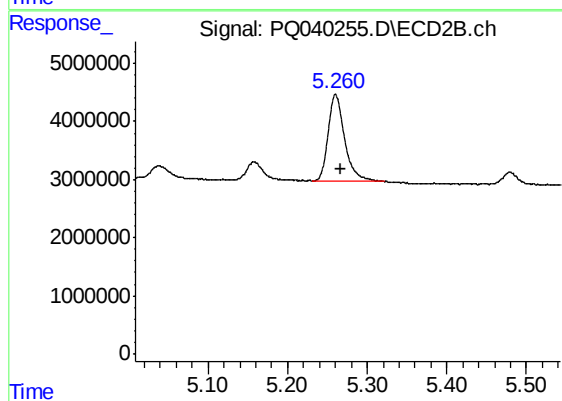
#9 AR-1221-2

R.T.: 5.158 min
Delta R.T.: -0.005 min
Response: 4688420
Conc: 287.85 ng/ml



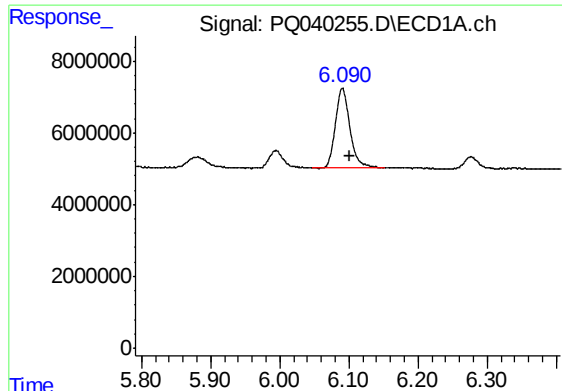
#10 AR-1221-3

R.T.: 6.091 min
Delta R.T.: -0.012 min
Response: 32357903
Conc: 366.28 ng/ml



#10 AR-1221-3

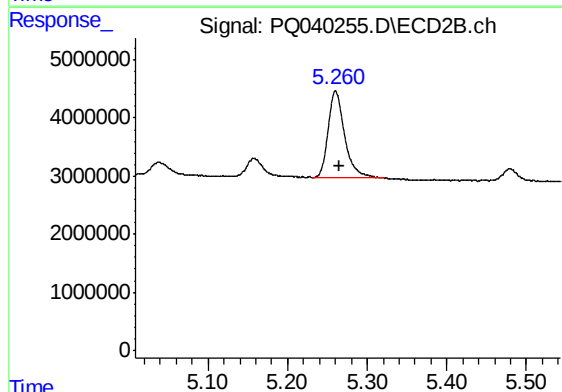
R.T.: 5.260 min
Delta R.T.: -0.006 min
Response: 21453594
Conc: 352.82 ng/ml



#11 AR-1232-1

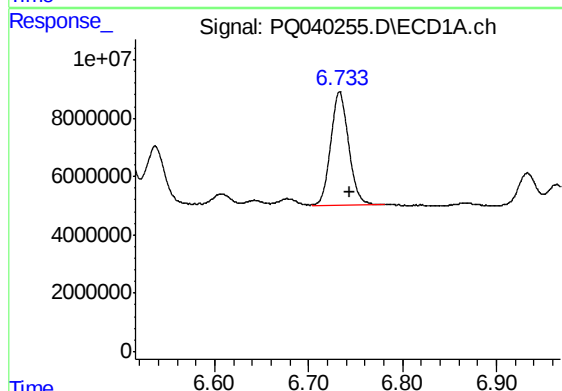
R.T.: 6.091 min
Delta R.T.: -0.010 min
Response: 32357903
Conc: 499.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



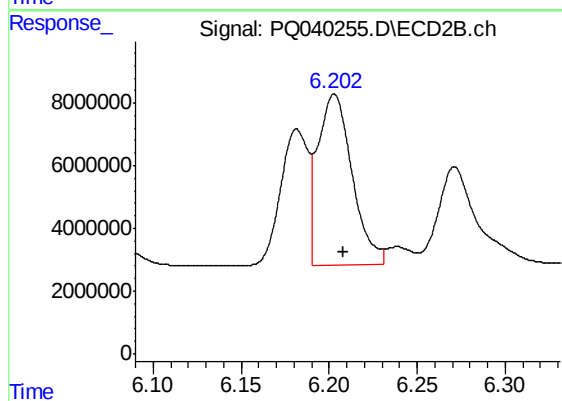
#11 AR-1232-1

R.T.: 5.260 min
Delta R.T.: -0.005 min
Response: 21453594
Conc: 468.18 ng/ml



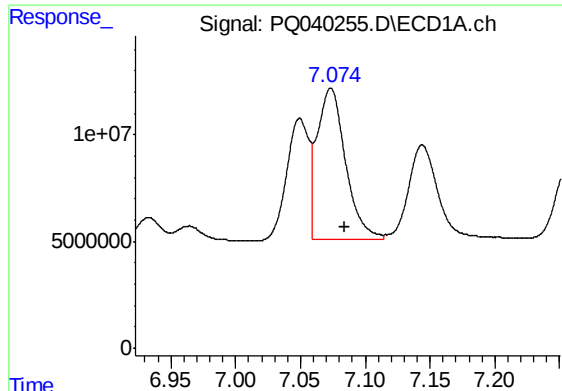
#12 AR-1232-2

R.T.: 6.733 min
Delta R.T.: -0.010 min
Response: 50846248
Conc: 1282.45 ng/ml



#12 AR-1232-2

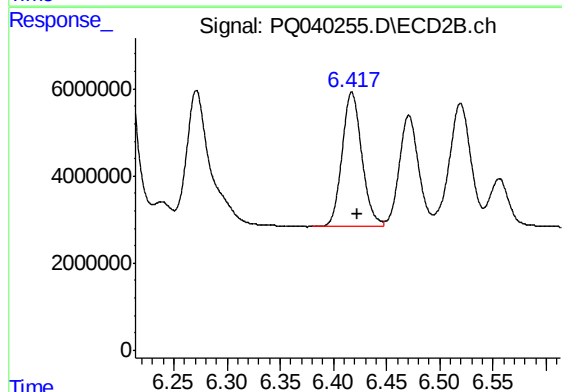
R.T.: 6.203 min
Delta R.T.: -0.005 min
Response: 73795627
Conc: 1230.20 ng/ml



#13 AR-1232-3

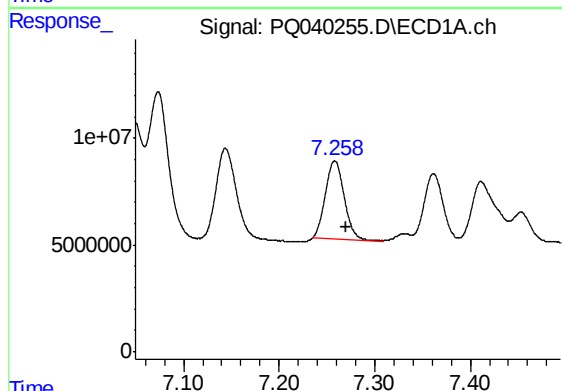
R.T.: 7.074 min
Delta R.T.: -0.011 min
Response: 107580057
Conc: 1331.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



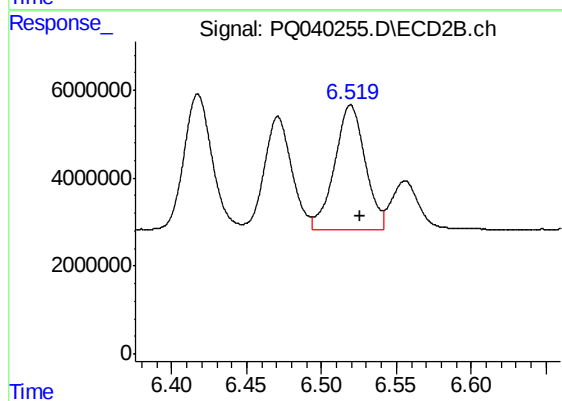
#13 AR-1232-3

R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 39963982
Conc: 1136.38 ng/ml



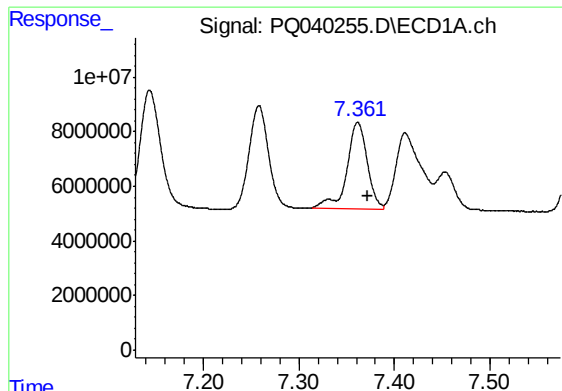
#14 AR-1232-4

R.T.: 7.258 min
Delta R.T.: -0.011 min
Response: 50144230
Conc: 1199.67 ng/ml



#14 AR-1232-4

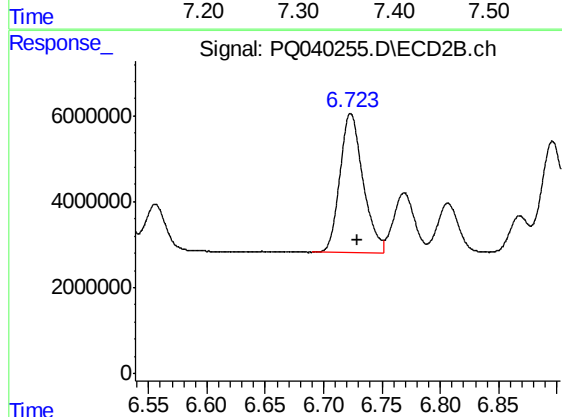
R.T.: 6.519 min
Delta R.T.: -0.006 min
Response: 40216679
Conc: 1361.05 ng/ml



#15 AR-1232-5

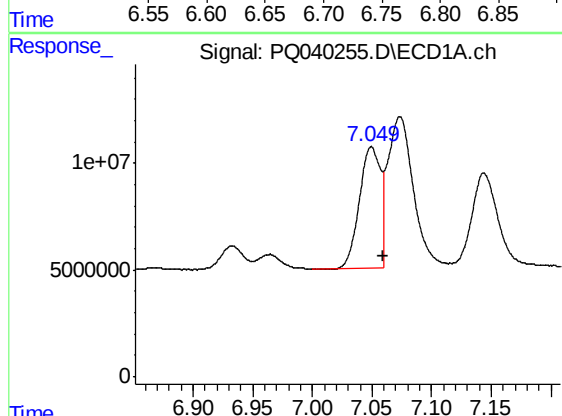
R.T.: 7.362 min
Delta R.T.: -0.011 min
Response: 47582066
Conc: 1501.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



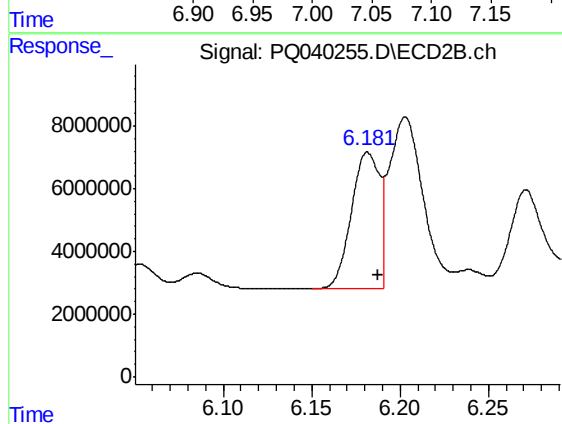
#15 AR-1232-5

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 44710945
Conc: 1485.20 ng/ml



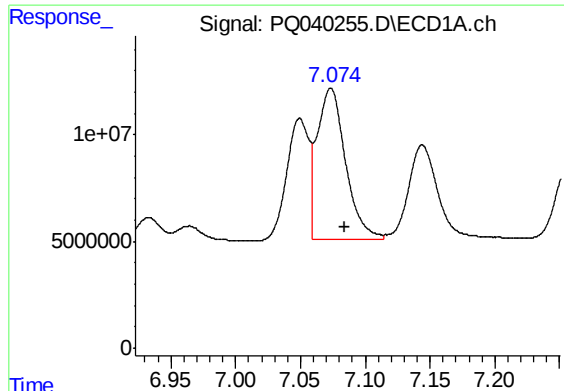
#16 AR-1242-1

R.T.: 7.049 min
Delta R.T.: -0.010 min
Response: 68892640
Conc: 710.56 ng/ml



#16 AR-1242-1

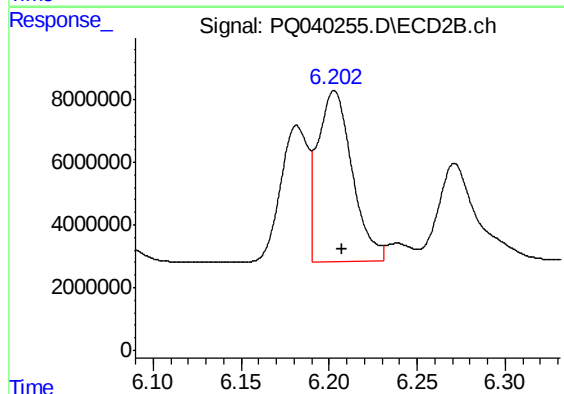
R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 47695974
Conc: 644.99 ng/ml



#17 AR-1242-2

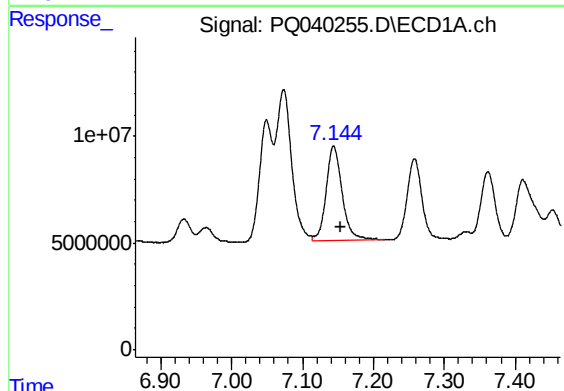
R.T.: 7.074 min
Delta R.T.: -0.011 min
Response: 107580057
Conc: 744.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



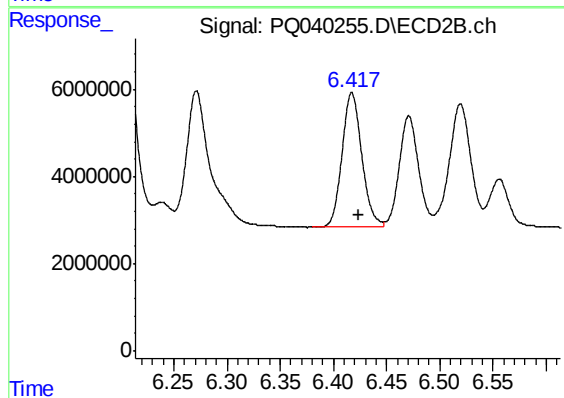
#17 AR-1242-2

R.T.: 6.203 min
Delta R.T.: -0.004 min
Response: 73795627
Conc: 693.18 ng/ml



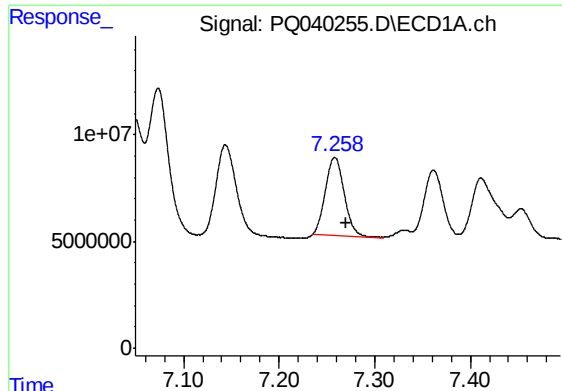
#18 AR-1242-3

R.T.: 7.144 min
Delta R.T.: -0.011 min
Response: 68918325
Conc: 740.34 ng/ml



#18 AR-1242-3

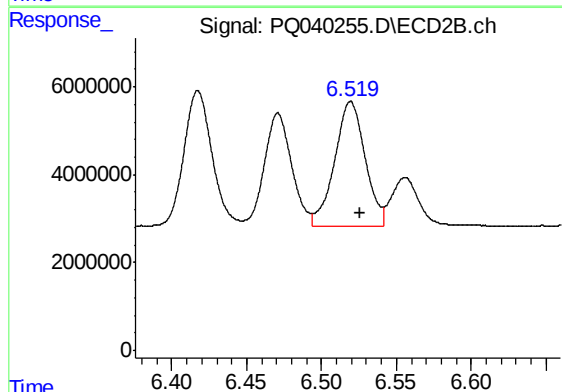
R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 39963982
Conc: 662.48 ng/ml



#19 AR-1242-4

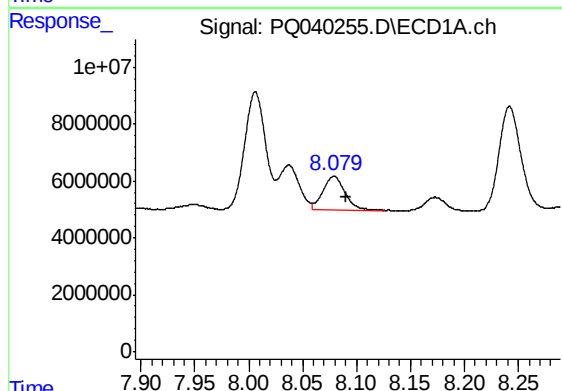
R.T.: 7.258 min
Delta R.T.: -0.012 min
Response: 50144230
Conc: 666.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



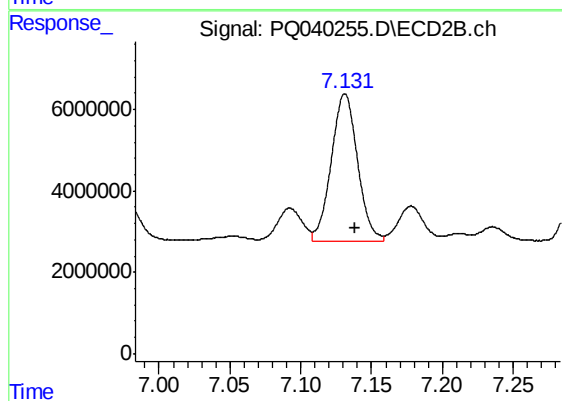
#19 AR-1242-4

R.T.: 6.519 min
Delta R.T.: -0.006 min
Response: 40216679
Conc: 674.77 ng/ml



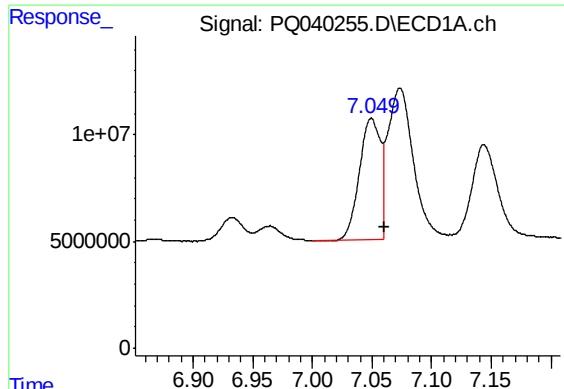
#20 AR-1242-5

R.T.: 8.079 min
Delta R.T.: -0.011 min
Response: 16905024
Conc: 195.00 ng/ml



#20 AR-1242-5

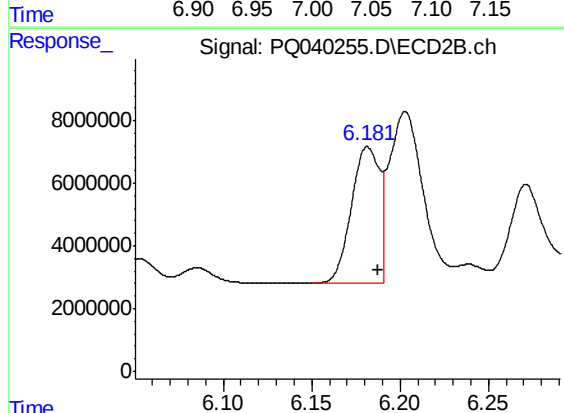
R.T.: 7.131 min
Delta R.T.: -0.007 min
Response: 46640986
Conc: 578.76 ng/ml



#21 AR-1248-1

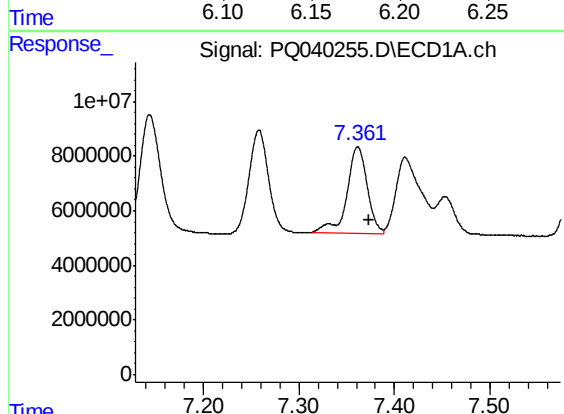
R.T.: 7.049 min
Delta R.T.: -0.011 min
Response: 68892640
Conc: 890.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



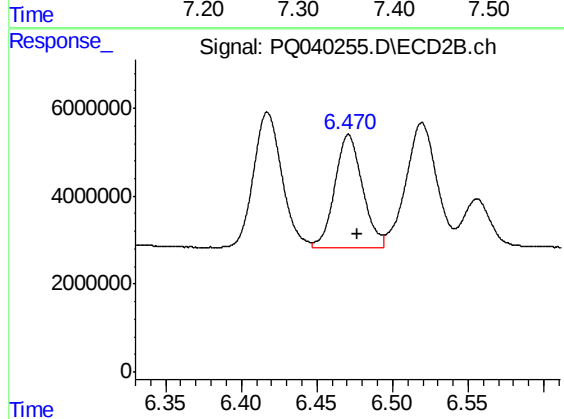
#21 AR-1248-1

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 47695974
Conc: 827.72 ng/ml



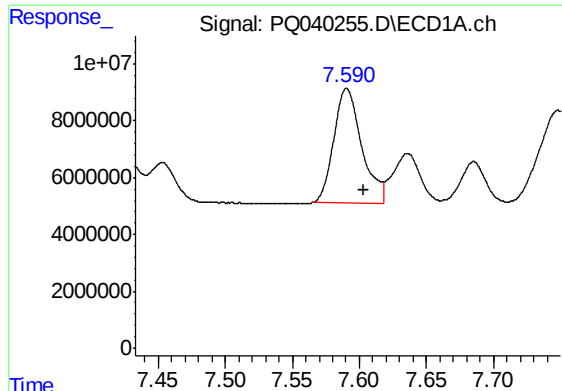
#22 AR-1248-2

R.T.: 7.362 min
Delta R.T.: -0.012 min
Response: 47582066
Conc: 422.46 ng/ml



#22 AR-1248-2

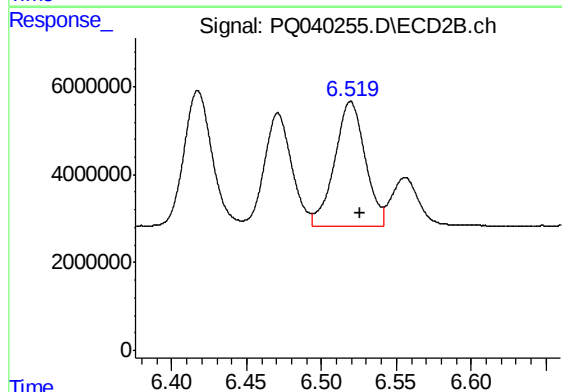
R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 32587087
Conc: 370.65 ng/ml



#23 AR-1248-3

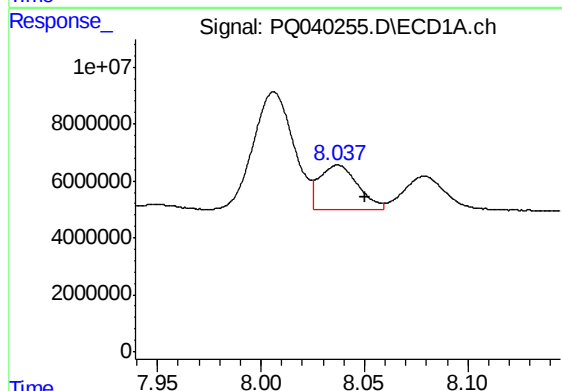
R.T.: 7.591 min
Delta R.T.: -0.013 min
Response: 58367611
Conc: 422.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



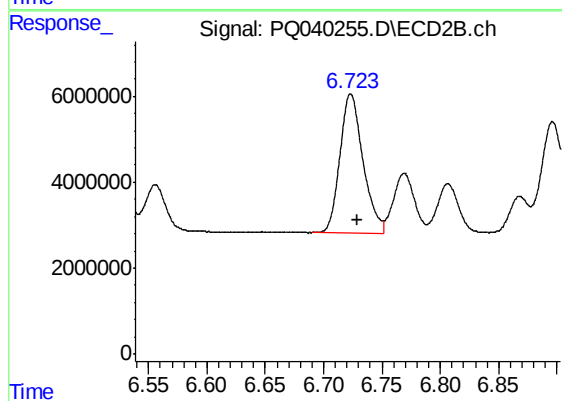
#23 AR-1248-3

R.T.: 6.519 min
Delta R.T.: -0.007 min
Response: 40216679
Conc: 444.46 ng/ml



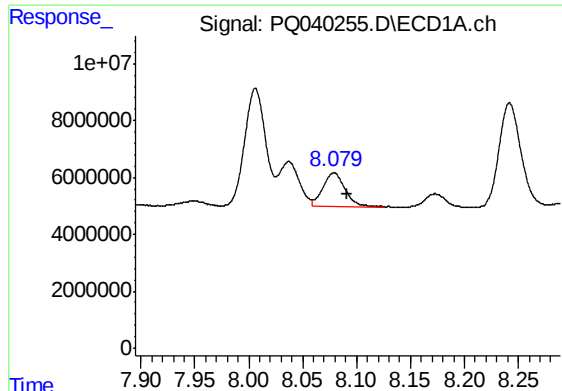
#24 AR-1248-4

R.T.: 8.037 min
Delta R.T.: -0.013 min
Response: 20534644
Conc: 136.02 ng/ml



#24 AR-1248-4

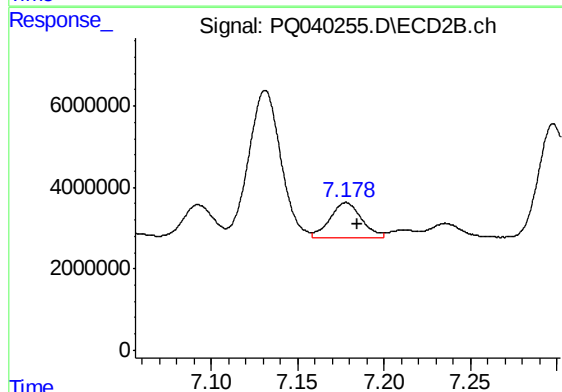
R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 44710945
Conc: 404.88 ng/ml



#25 AR-1248-5

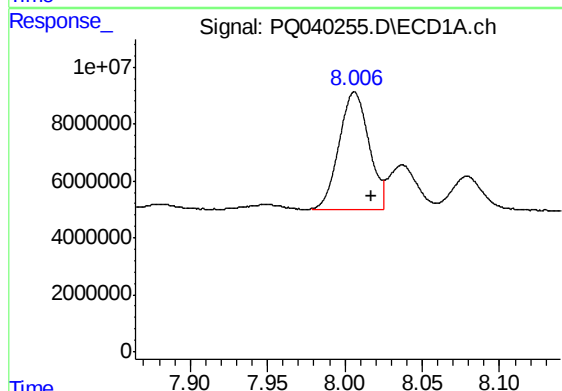
R.T.: 8.079 min
Delta R.T.: -0.012 min
Response: 16905024
Conc: 112.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



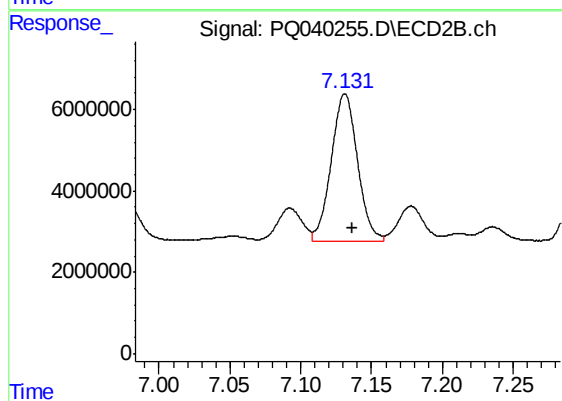
#25 AR-1248-5

R.T.: 7.178 min
Delta R.T.: -0.007 min
Response: 10921471
Conc: 96.19 ng/ml



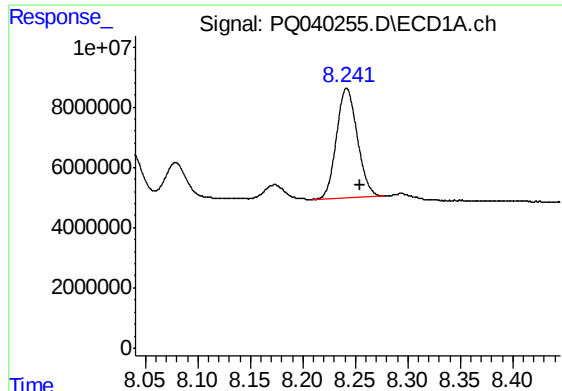
#26 AR-1254-1

R.T.: 8.006 min
Delta R.T.: -0.011 min
Response: 55524118
Conc: 318.38 ng/ml



#26 AR-1254-1

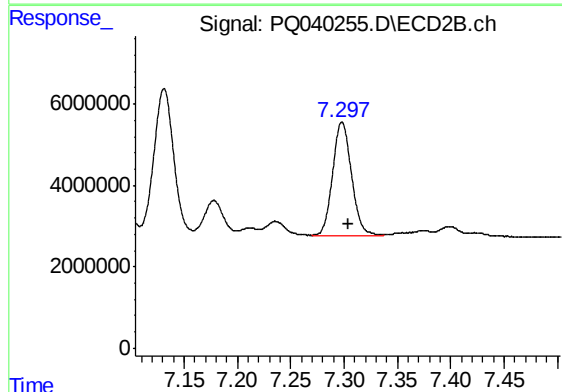
R.T.: 7.131 min
Delta R.T.: -0.005 min
Response: 46640986
Conc: 243.51 ng/ml



#27 AR-1254-2

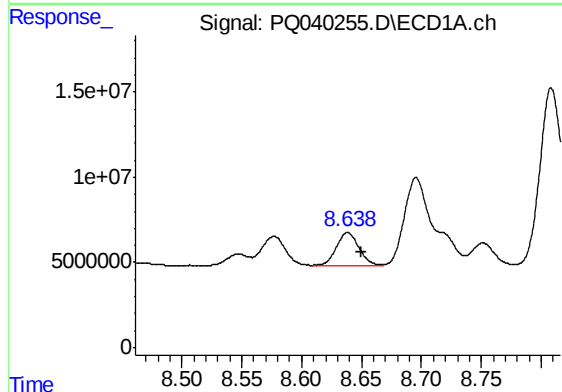
R.T.: 8.242 min
Delta R.T.: -0.013 min
Response: 50404603
Conc: 182.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



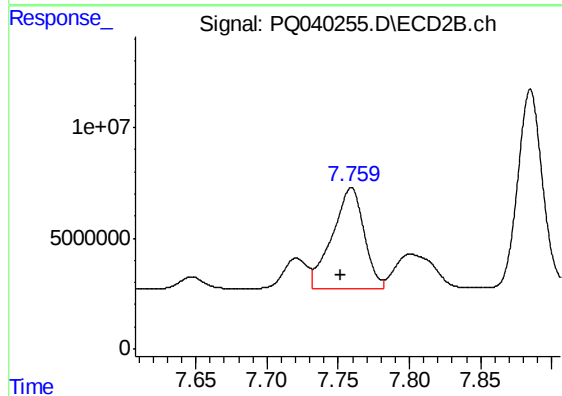
#27 AR-1254-2

R.T.: 7.298 min
Delta R.T.: -0.006 min
Response: 34704265
Conc: 199.76 ng/ml



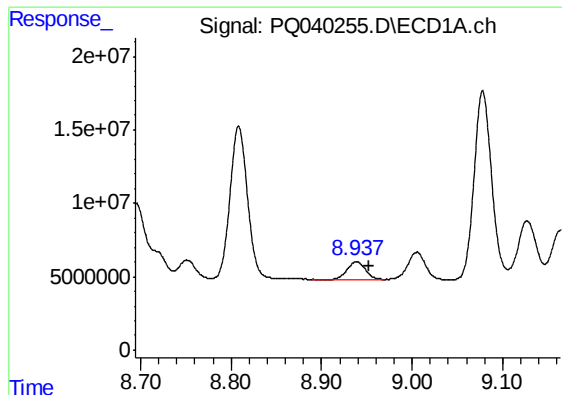
#28 AR-1254-3

R.T.: 8.638 min
Delta R.T.: -0.011 min
Response: 24633127
Conc: 83.00 ng/ml



#28 AR-1254-3

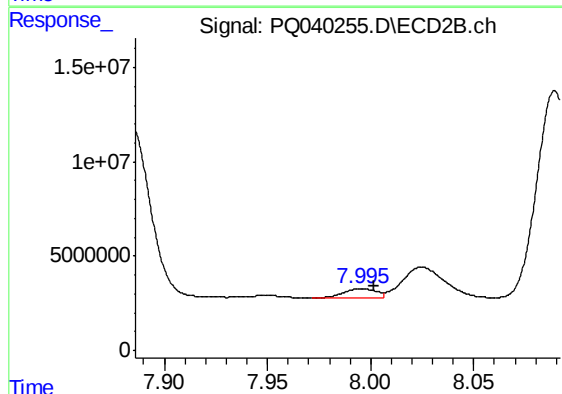
R.T.: 7.759 min
Delta R.T.: 0.007 min
Response: 70407285
Conc: 243.64 ng/ml



#29 AR-1254-4

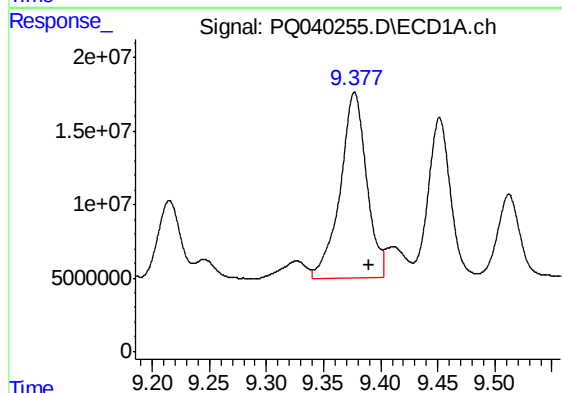
R.T.: 8.938 min
Delta R.T.: -0.013 min
Response: 16602208
Conc: 79.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



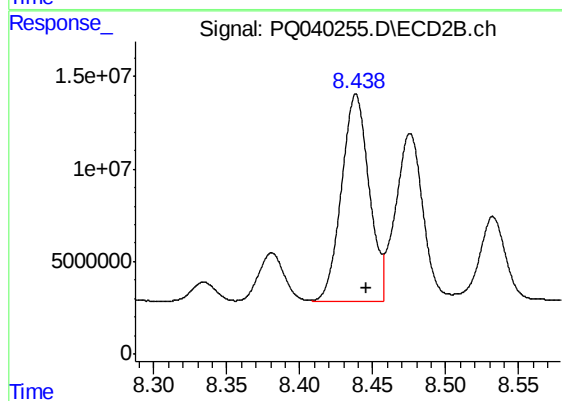
#29 AR-1254-4

R.T.: 7.996 min
Delta R.T.: -0.006 min
Response: 5643243
Conc: 31.61 ng/ml



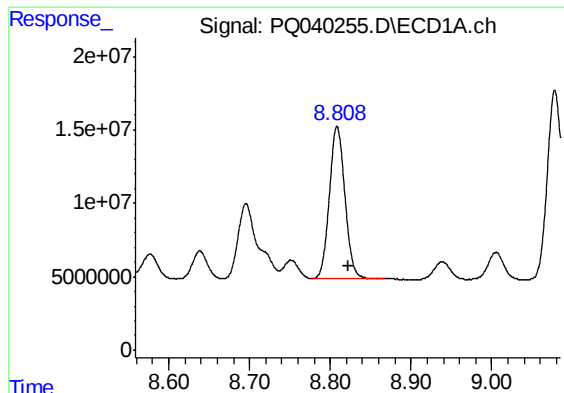
#30 AR-1254-5

R.T.: 9.377 min
Delta R.T.: -0.013 min
Response: 202667269
Conc: 703.72 ng/ml



#30 AR-1254-5

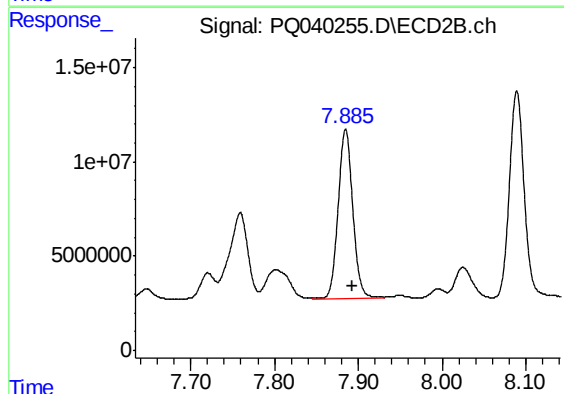
R.T.: 8.439 min
Delta R.T.: -0.007 min
Response: 147468119
Conc: 572.40 ng/ml



#31 AR-1260-1

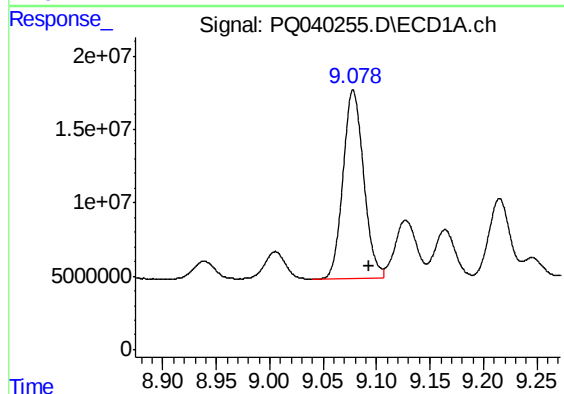
R.T.: 8.808 min
Delta R.T.: -0.014 min
Response: 139377752
Conc: 419.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



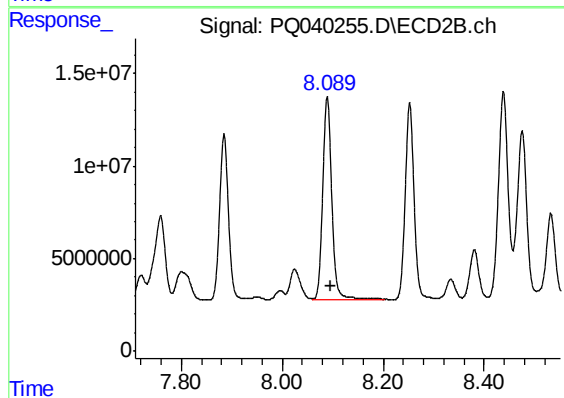
#31 AR-1260-1

R.T.: 7.885 min
Delta R.T.: -0.007 min
Response: 108942641
Conc: 397.40 ng/ml



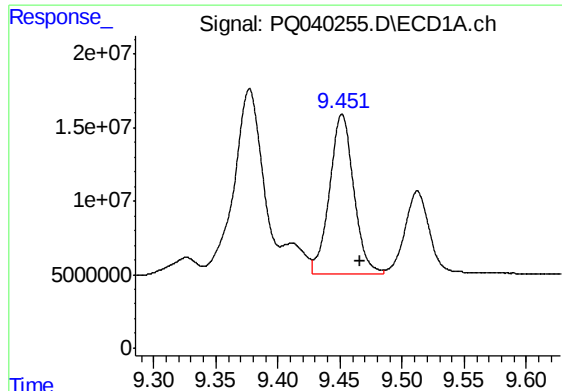
#32 AR-1260-2

R.T.: 9.078 min
Delta R.T.: -0.014 min
Response: 172405288
Conc: 426.78 ng/ml



#32 AR-1260-2

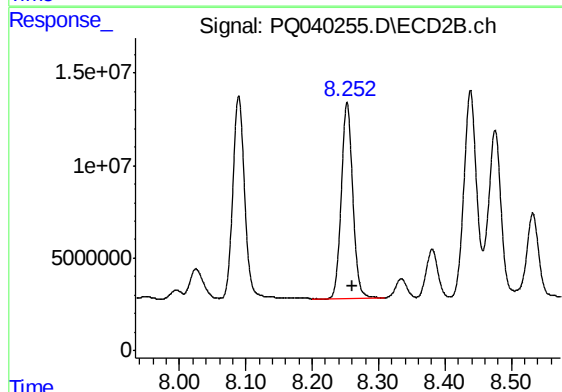
R.T.: 8.089 min
Delta R.T.: -0.008 min
Response: 136365941
Conc: 394.22 ng/ml



#33 AR-1260-3

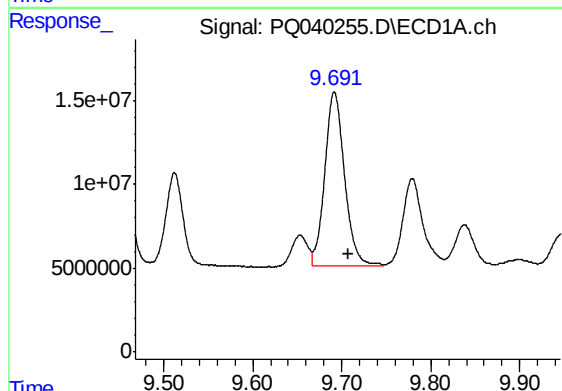
R.T.: 9.452 min
Delta R.T.: -0.015 min
Response: 146684067
Conc: 444.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



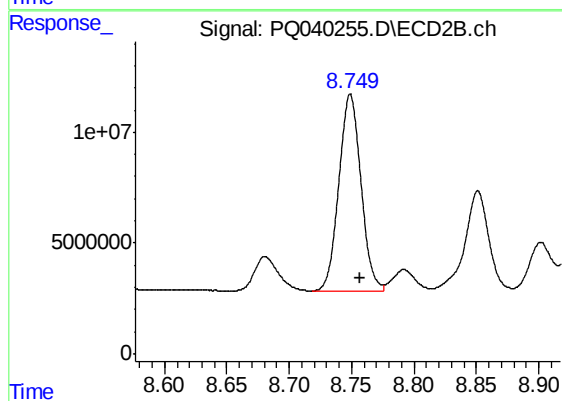
#33 AR-1260-3

R.T.: 8.253 min
Delta R.T.: -0.008 min
Response: 127301335
Conc: 396.94 ng/ml



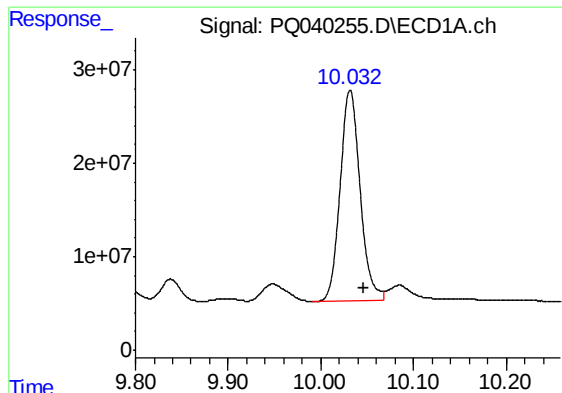
#34 AR-1260-4

R.T.: 9.692 min
Delta R.T.: -0.016 min
Response: 161650438
Conc: 438.63 ng/ml



#34 AR-1260-4

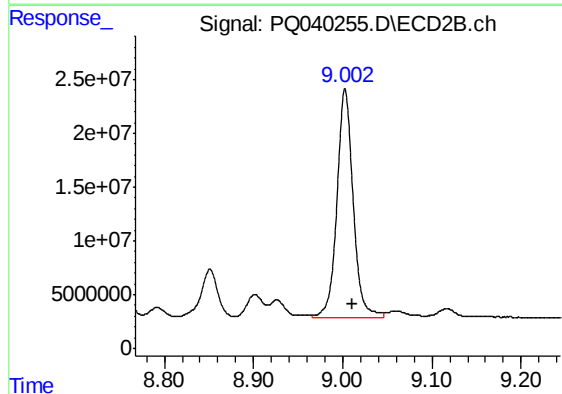
R.T.: 8.749 min
Delta R.T.: -0.008 min
Response: 109023970
Conc: 401.24 ng/ml



#35 AR-1260-5

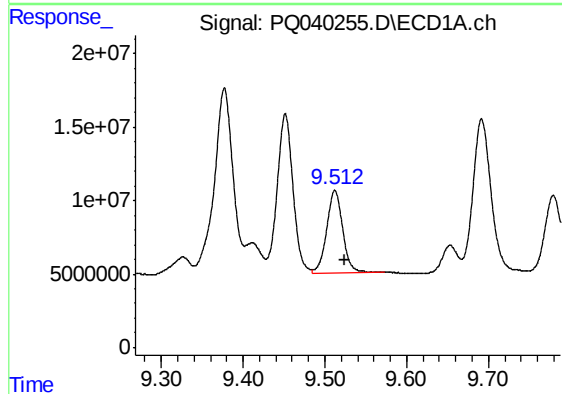
R.T.: 10.032 min
Delta R.T.: -0.015 min
Response: 338242458
Conc: 439.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



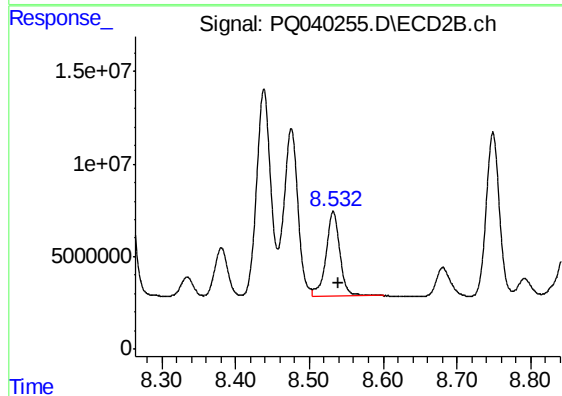
#35 AR-1260-5

R.T.: 9.003 min
Delta R.T.: -0.008 min
Response: 267159754
Conc: 397.45 ng/ml



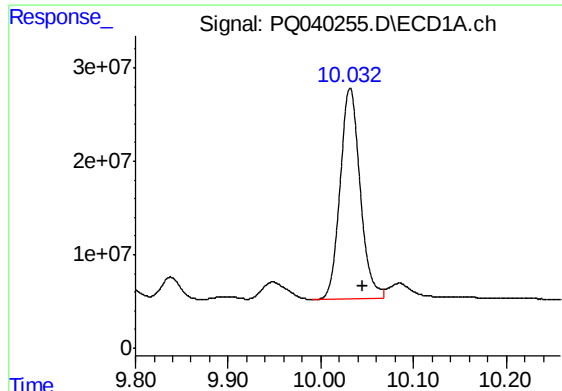
#36 AR-1262-1

R.T.: 9.512 min
Delta R.T.: -0.012 min
Response: 76293600
Conc: 548.82 ng/ml



#36 AR-1262-1

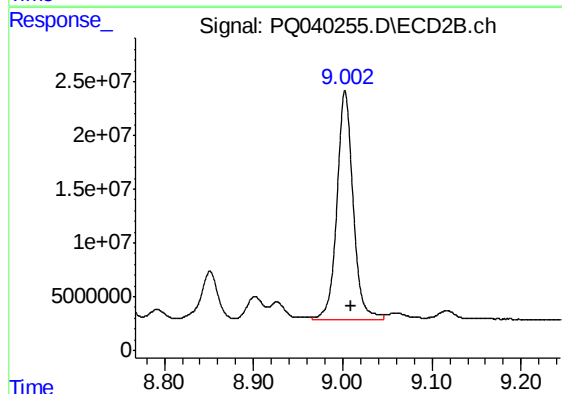
R.T.: 8.532 min
Delta R.T.: -0.007 min
Response: 59453664
Conc: 523.61 ng/ml



#37 AR-1262-2

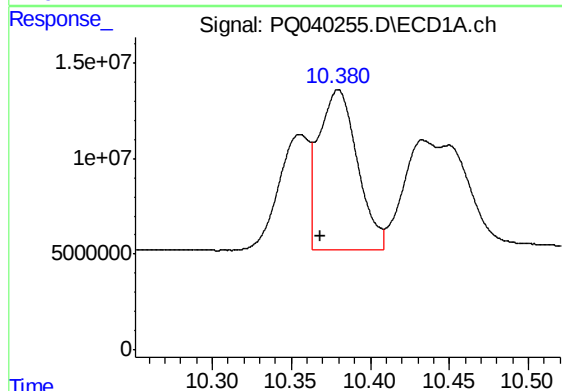
R.T.: 10.032 min
Delta R.T.: -0.013 min
Response: 338242458
Conc: 584.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



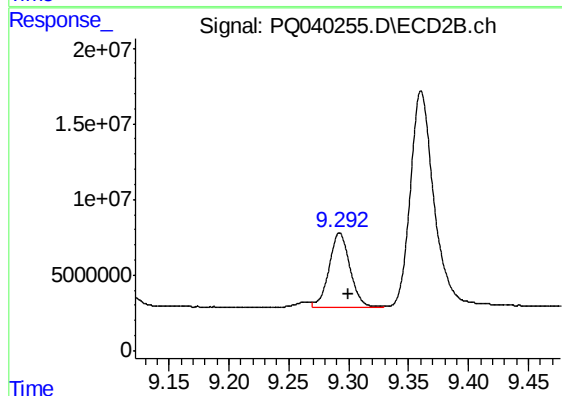
#37 AR-1262-2

R.T.: 9.003 min
Delta R.T.: -0.007 min
Response: 267159754
Conc: 538.48 ng/ml



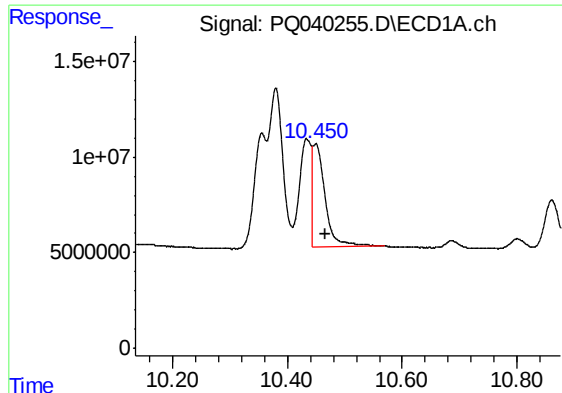
#38 AR-1262-3

R.T.: 10.380 min
Delta R.T.: 0.011 min
Response: 140991141
Conc: 333.46 ng/ml



#38 AR-1262-3

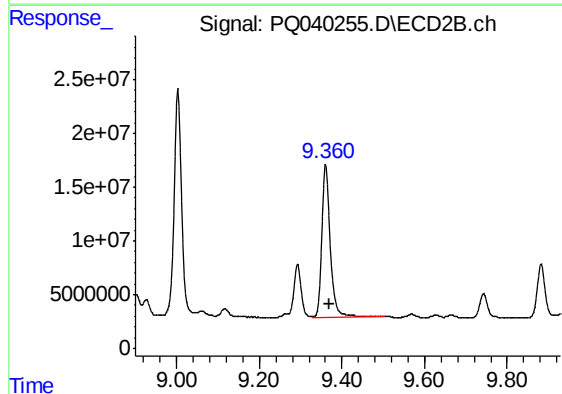
R.T.: 9.292 min
Delta R.T.: -0.008 min
Response: 58818218
Conc: 279.75 ng/ml



#39 AR-1262-4

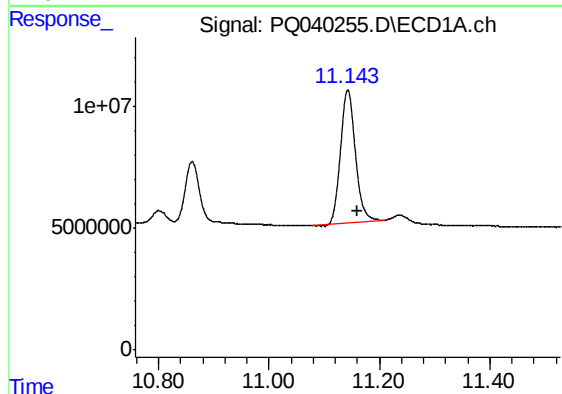
R.T.: 10.450 min
Delta R.T.: -0.018 min
Response: 82323724
Conc: 217.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



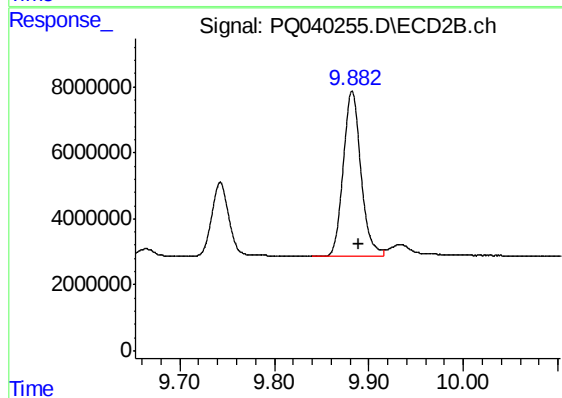
#39 AR-1262-4

R.T.: 9.360 min
Delta R.T.: -0.008 min
Response: 199430499
Conc: 526.72 ng/ml



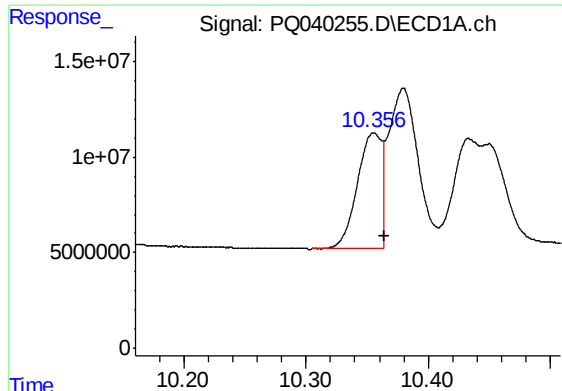
#40 AR-1262-5

R.T.: 11.143 min
Delta R.T.: -0.017 min
Response: 102929646
Conc: 438.07 ng/ml



#40 AR-1262-5

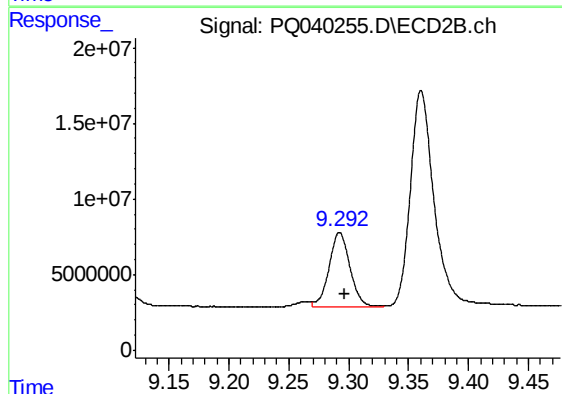
R.T.: 9.882 min
Delta R.T.: -0.007 min
Response: 65455341
Conc: 403.72 ng/ml



#41 AR-1268-1

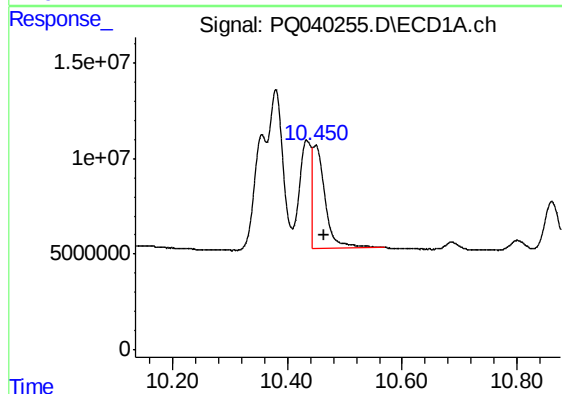
R.T.: 10.356 min
Delta R.T.: -0.008 min
Response: 82563430
Conc: 137.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



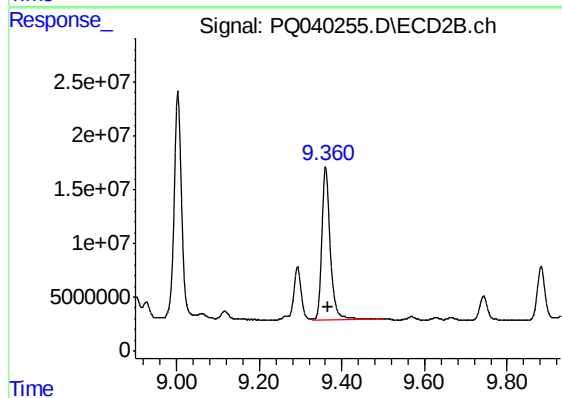
#41 AR-1268-1

R.T.: 9.292 min
Delta R.T.: -0.005 min
Response: 58818218
Conc: 128.89 ng/ml



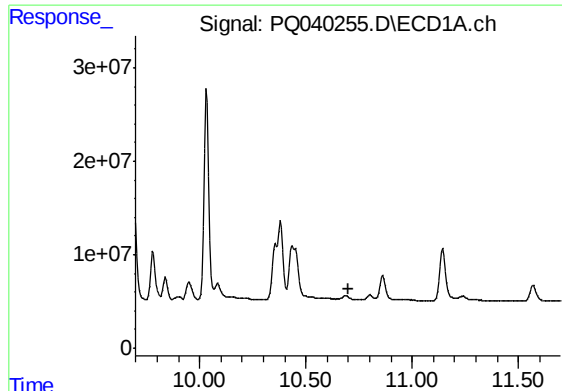
#42 AR-1268-2

R.T.: 10.450 min
Delta R.T.: -0.014 min
Response: 82323724
Conc: 133.79 ng/ml



#42 AR-1268-2

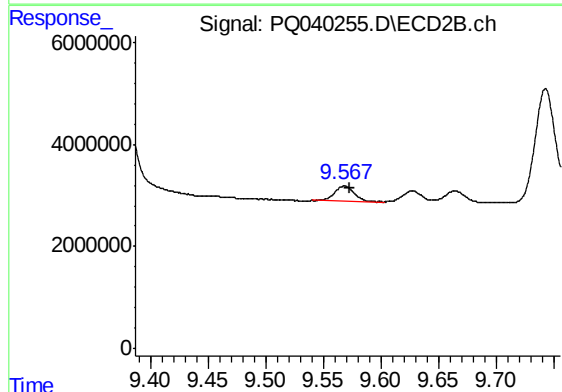
R.T.: 9.360 min
Delta R.T.: -0.005 min
Response: 199430499
Conc: 456.17 ng/ml



#43 AR-1268-3

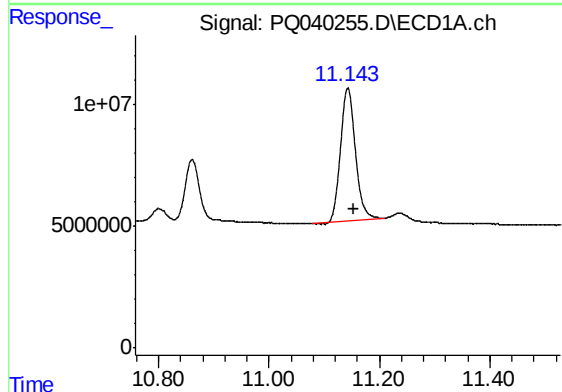
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1660339



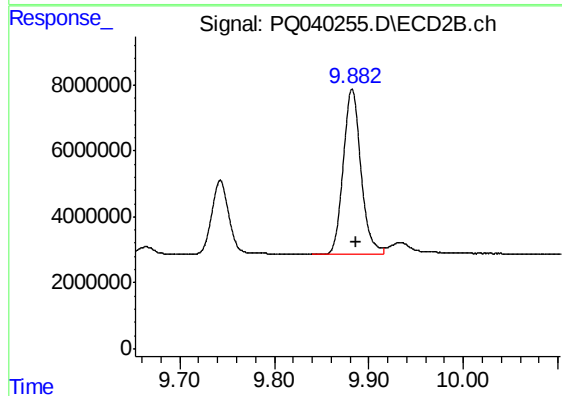
#43 AR-1268-3

R.T.: 9.568 min
Delta R.T.: -0.005 min
Response: 3513939
Conc: 9.36 ng/ml



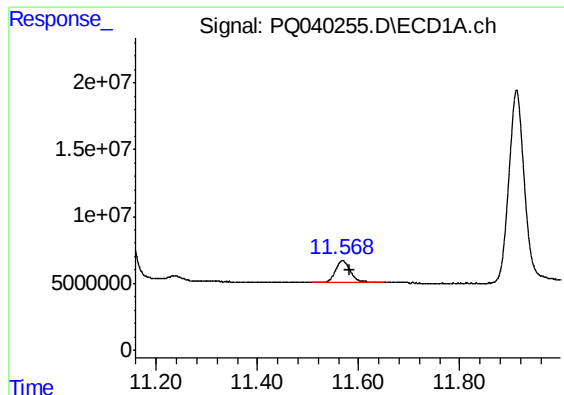
#44 AR-1268-4

R.T.: 11.143 min
Delta R.T.: -0.011 min
Response: 102929646
Conc: 504.65 ng/ml



#44 AR-1268-4

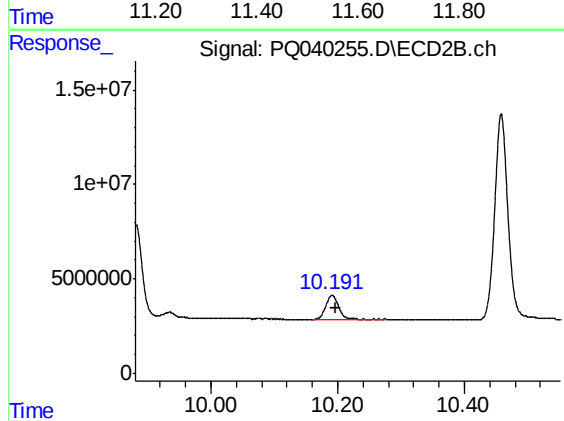
R.T.: 9.882 min
Delta R.T.: -0.004 min
Response: 65455341
Conc: 475.06 ng/ml



#45 AR-1268-5

R.T.: 11.568 min
Delta R.T.: -0.014 min
Response: 33873005
Conc: 18.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660339



#45 AR-1268-5

R.T.: 10.191 min
Delta R.T.: -0.005 min
Response: 19172968
Conc: 16.25 ng/ml