

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
 Data File : PQ041980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2019 13:43
 Operator : SM\AJ
 Sample : K4028-08DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 00:12:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.694	4.753	5519413	4909969	2.407	2.548
2)	SA Decachlor...	12.091	10.508	40304795	22668528	4.780	4.686
Target Compounds							
3)	L1 AR-1016-1	7.139	6.205	16544431	14887312	153.070	143.465
4)	L1 AR-1016-2	7.166	6.227	28214252	16502376	180.251	115.184 #
5)	L1 AR-1016-3	7.237	6.443	7360710	15233037	76.097	204.273 #
6)	L1 AR-1016-4	7.344	6.496	15678306	84386774	200.967	1360.851 #
7)	L1 AR-1016-5	7.682	6.747	89842988	84622788	1142.893	1039.549
10)	L2 AR-1221-3	0.000	5.350	0	36307710	N.D.	665.806 #
11)	L3 AR-1232-1	0.000	5.350	0	36307710	N.D.	751.904 #
12)	L3 AR-1232-2	6.823	6.227	10045441	16502376	305.735	289.374
13)	L3 AR-1232-3	7.166	6.443	28214252	15233037	422.600	510.841
14)	L3 AR-1232-4	7.344	6.544	15678306	72649212	488.777	2721.282 #
15)	L3 AR-1232-5	7.453	6.747	85932248	84622788	3998.658	2885.575 #
16)	L4 AR-1242-1	7.139	6.205	16544431	14887312	184.959	181.908
17)	L4 AR-1242-2	7.166	6.227	28214252	16502376	219.410	146.119 #
18)	L4 AR-1242-3	7.237	6.443	7360710	15233037	90.776	257.869 #
19)	L4 AR-1242-4	7.344	6.544	15678306	72649212	243.877	1225.169 #
20)	L4 AR-1242-5	8.170	7.157	134.3E6	212.8E6	1513.417	2396.097 #
21)	L5 AR-1248-1	7.139	6.205	16544431	14887312	223.163	224.532
22)	L5 AR-1248-2	7.453	6.496	85932248	84386774	931.382	967.875
23)	L5 AR-1248-3	7.682	6.544	89842988	72649212	801.874	813.945
24)	L5 AR-1248-4	8.129	6.747	97129832	84622788	621.201	768.310
25)	L5 AR-1248-5	8.170	7.203	134.3E6	138.2E6	887.366	1078.298
26)	L6 AR-1254-1	8.098	7.157	72722400	212.8E6	522.751	1163.354 #
27)	L6 AR-1254-2	8.339	7.325	219.5E6	108.9E6	959.086	673.049 #
28)	L6 AR-1254-3	8.731	7.772	182.8E6	208.2E6	668.479	721.757
29)	L6 AR-1254-4	9.033	8.021	134.3E6	133.9E6	545.571	616.969
30)	L6 AR-1254-5	9.472	8.466	71269453	72638714	263.137	241.511
31)	L7 AR-1260-1	8.903	7.928	38900296	98682369	218.682	543.915 #
32)	L7 AR-1260-2	9.172	8.116	87909528	42279679	348.467	172.334 #
33)	L7 AR-1260-3	9.547	8.280	20923691	45983201	91.316	216.109 #
34)	L7 AR-1260-4	9.783	8.778	56999031	18063387	223.226	89.295 #
35)	L7 AR-1260-5	10.139	9.030	57024143	48495771	84.657	82.168
36)	L8 AR-1262-1	9.609	8.562	8668455	15331412	56.400	106.865 #
37)	L8 AR-1262-2	10.139	9.030	57024143	48495771	65.139	65.442
38)	L8 AR-1262-3	10.494	9.324	37076718	17485455	58.388	55.269
39)	L8 AR-1262-4	10.572	9.390	9870982	29850443	19.714	53.080 #
40)	L8 AR-1262-5	11.281	9.914	16449976	7312902	40.407	25.605 #
41)	L9 AR-1268-1	10.494	9.324	37076718	17485455	26.027	15.295 #
42)	L9 AR-1268-2	10.572	9.390	9870982	29850443	7.484	29.078 #
43)	L9 AR-1268-3	10.820	9.593	5053239	40364358	4.319	46.452 #

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 ALS Vial : 11 Sample Multiplier: 1

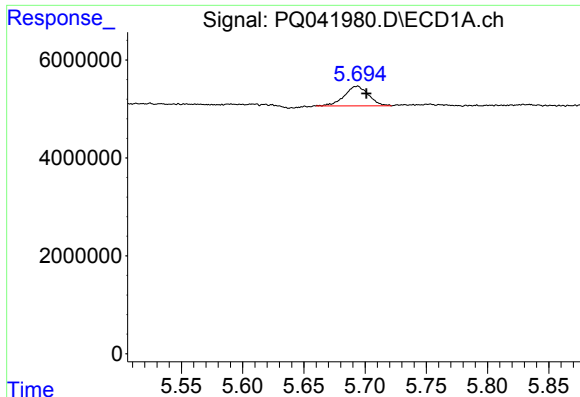
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 00:12:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.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
44) L9	AR-1268-4	11.281	9.914	16449976	7312902	30.216	19.011 #
45) L9	AR-1268-5	11.727	10.231	19272931	14244095	4.755	5.484

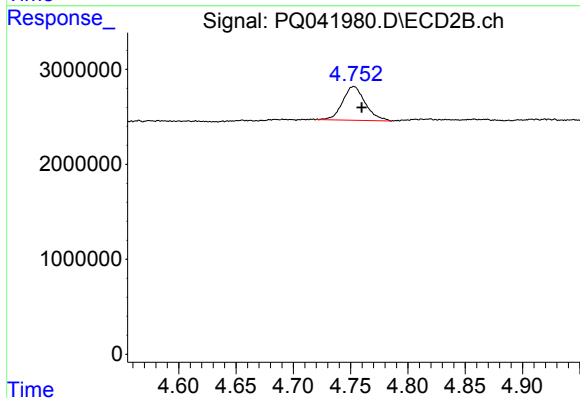
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

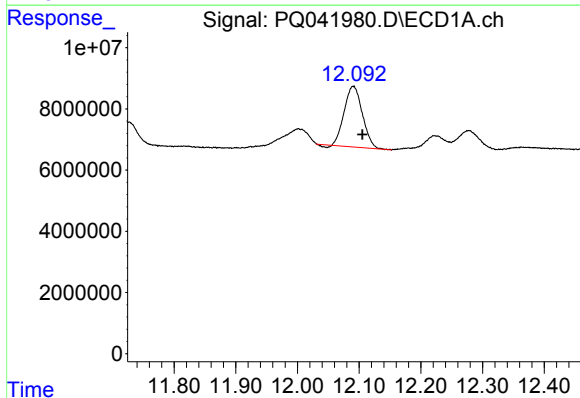
R.T.: 5.694 min
Delta R.T.: -0.007 min
Response: 5519413
Conc: 2.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



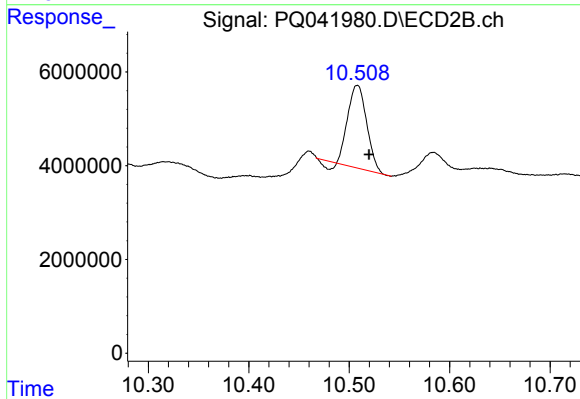
#1 Tetrachloro-m-xylene

R.T.: 4.753 min
Delta R.T.: -0.007 min
Response: 4909969
Conc: 2.55 ng/ml



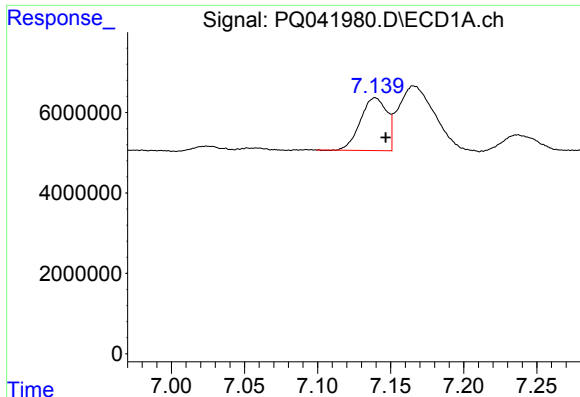
#2 Decachlorobiphenyl

R.T.: 12.091 min
Delta R.T.: -0.015 min
Response: 40304795
Conc: 4.78 ng/ml



#2 Decachlorobiphenyl

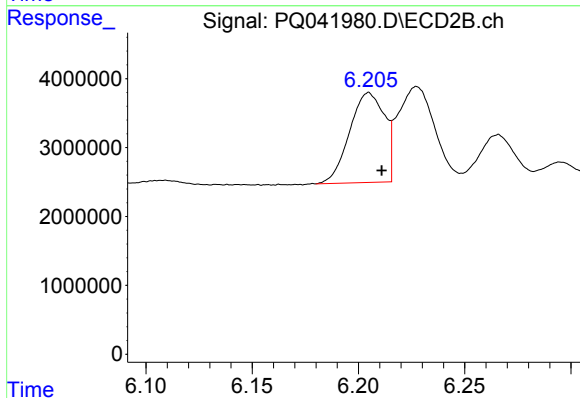
R.T.: 10.508 min
Delta R.T.: -0.012 min
Response: 22668528
Conc: 4.69 ng/ml



#3 AR-1016-1

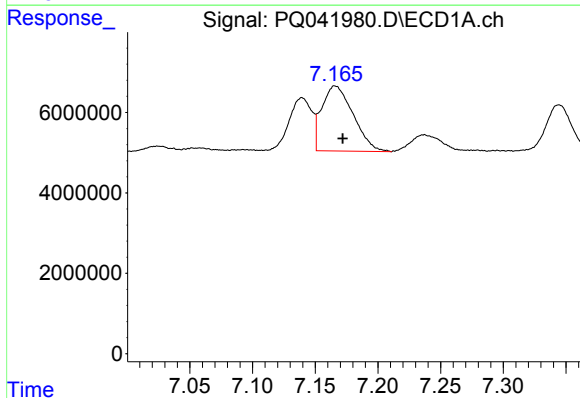
R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 16544431
Conc: 153.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



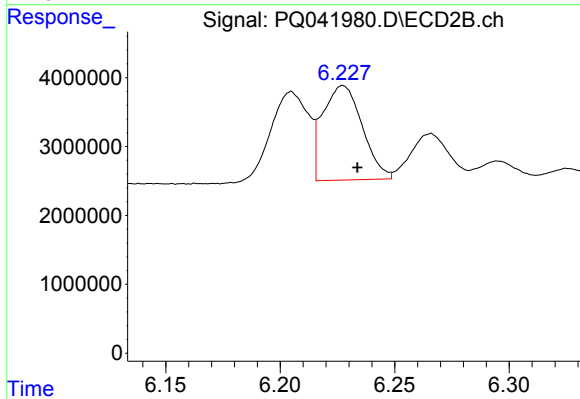
#3 AR-1016-1

R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 14887312
Conc: 143.47 ng/ml



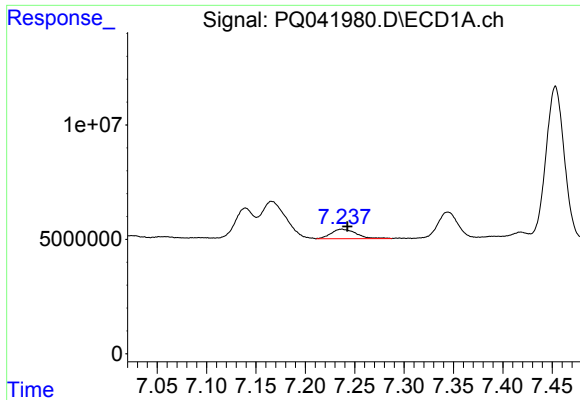
#4 AR-1016-2

R.T.: 7.166 min
Delta R.T.: -0.006 min
Response: 28214252
Conc: 180.25 ng/ml



#4 AR-1016-2

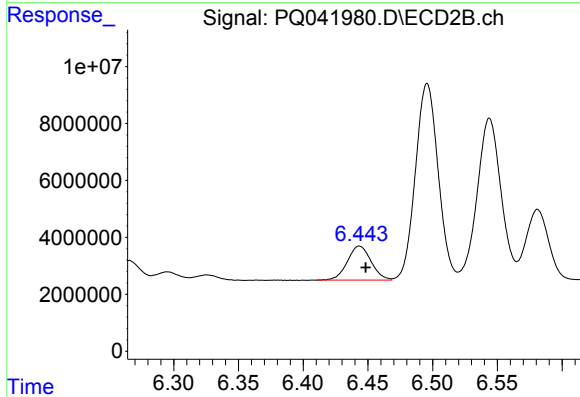
R.T.: 6.227 min
Delta R.T.: -0.006 min
Response: 16502376
Conc: 115.18 ng/ml



#5 AR-1016-3

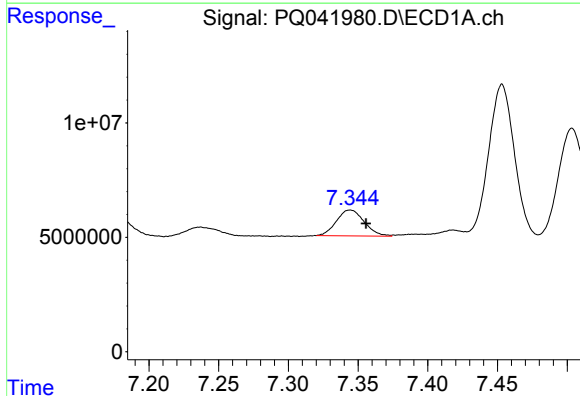
R.T.: 7.237 min
Delta R.T.: -0.006 min
Response: 7360710
Conc: 76.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



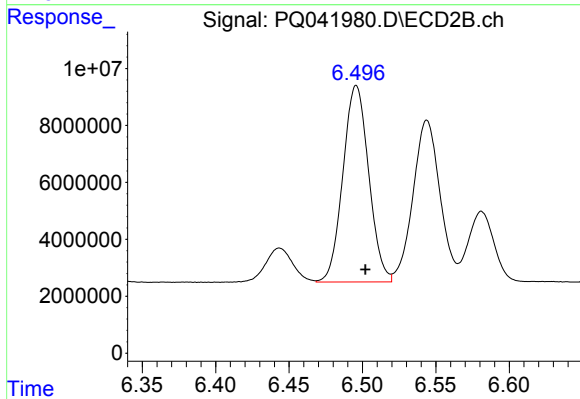
#5 AR-1016-3

R.T.: 6.443 min
Delta R.T.: -0.005 min
Response: 15233037
Conc: 204.27 ng/ml



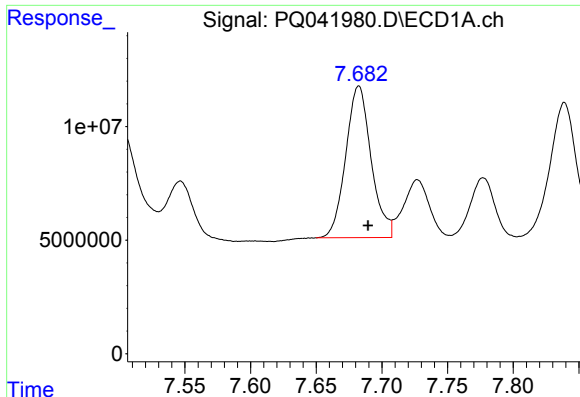
#6 AR-1016-4

R.T.: 7.344 min
Delta R.T.: -0.011 min
Response: 15678306
Conc: 200.97 ng/ml



#6 AR-1016-4

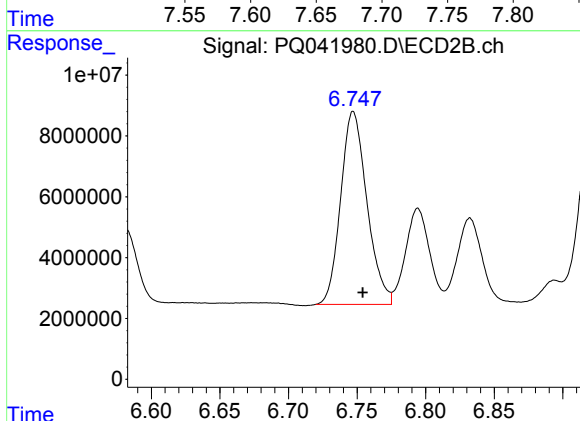
R.T.: 6.496 min
Delta R.T.: -0.006 min
Response: 84386774
Conc: 1360.85 ng/ml



#7 AR-1016-5

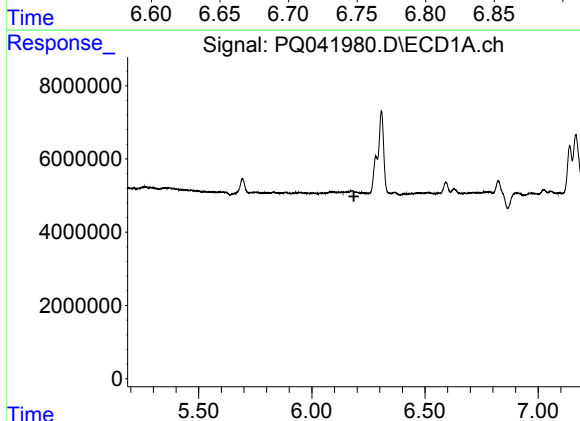
R.T.: 7.682 min
Delta R.T.: -0.007 min
Response: 89842988
Conc: 1142.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



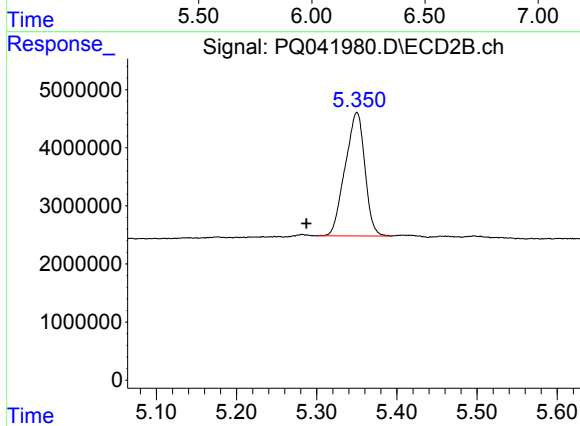
#7 AR-1016-5

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 84622788
Conc: 1039.55 ng/ml



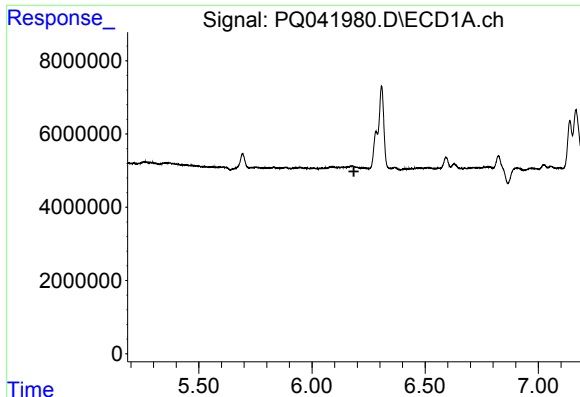
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

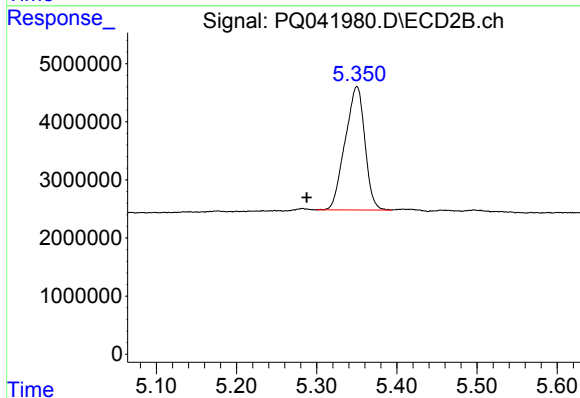
R.T.: 5.350 min
Delta R.T.: 0.063 min
Response: 36307710
Conc: 665.81 ng/ml



#11 AR-1232-1

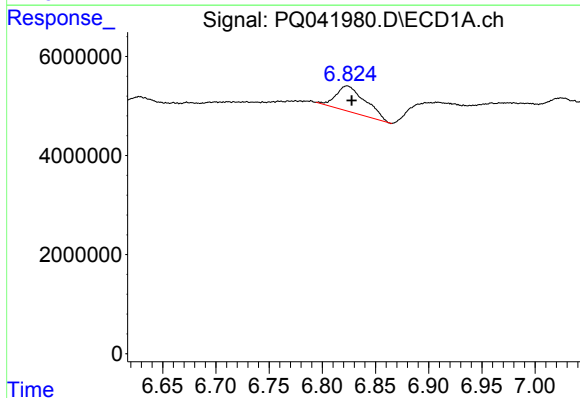
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



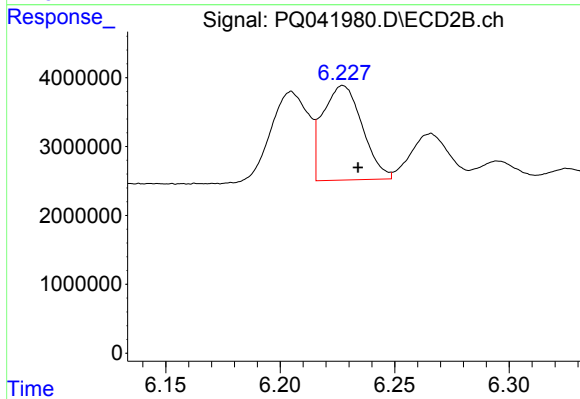
#11 AR-1232-1

R.T.: 5.350 min
Delta R.T.: 0.063 min
Response: 36307710
Conc: 751.90 ng/ml



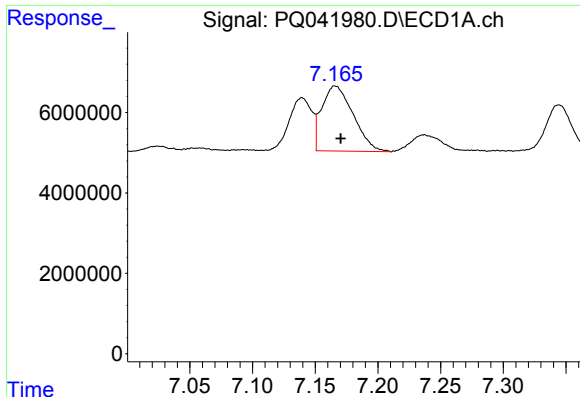
#12 AR-1232-2

R.T.: 6.823 min
Delta R.T.: -0.004 min
Response: 10045441
Conc: 305.73 ng/ml



#12 AR-1232-2

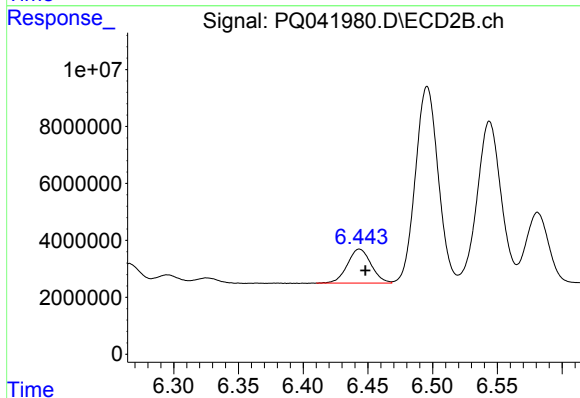
R.T.: 6.227 min
Delta R.T.: -0.007 min
Response: 16502376
Conc: 289.37 ng/ml



#13 AR-1232-3

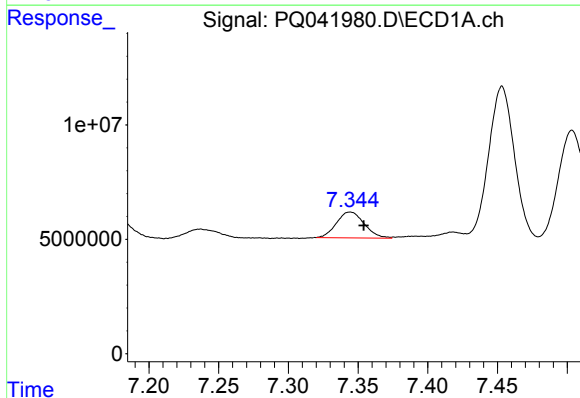
R.T.: 7.166 min
Delta R.T.: -0.004 min
Response: 28214252
Conc: 422.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



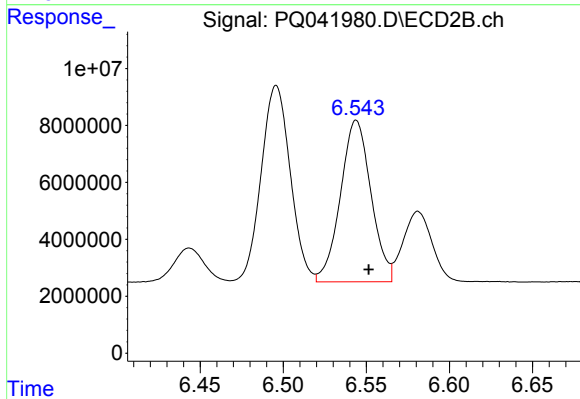
#13 AR-1232-3

R.T.: 6.443 min
Delta R.T.: -0.005 min
Response: 15233037
Conc: 510.84 ng/ml



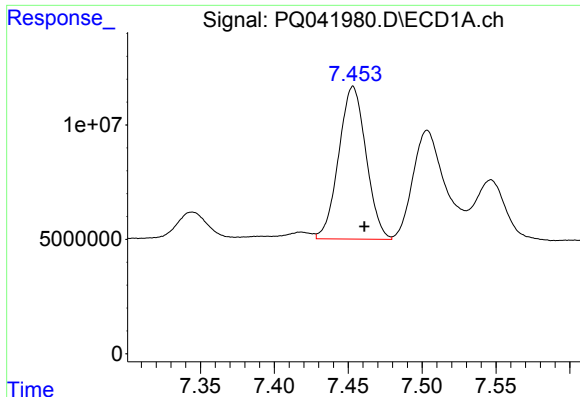
#14 AR-1232-4

R.T.: 7.344 min
Delta R.T.: -0.010 min
Response: 15678306
Conc: 488.78 ng/ml



#14 AR-1232-4

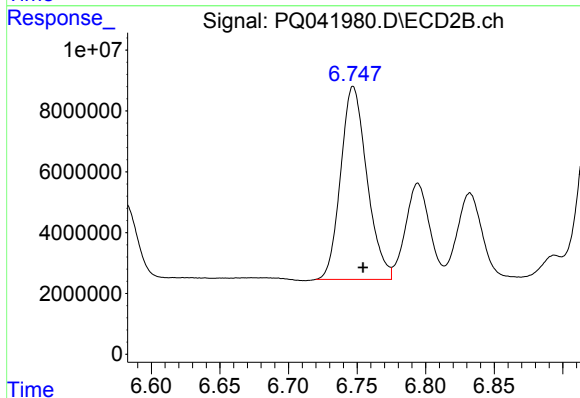
R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 72649212
Conc: 2721.28 ng/ml



#15 AR-1232-5

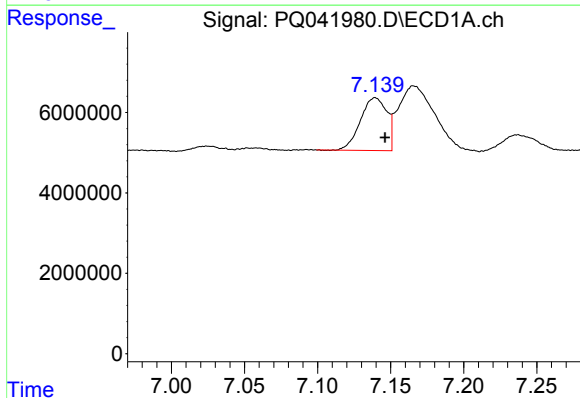
R.T.: 7.453 min
Delta R.T.: -0.008 min
Response: 85932248
Conc: 3998.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



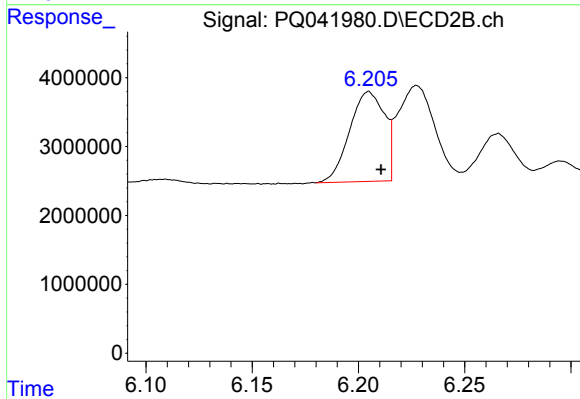
#15 AR-1232-5

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 84622788
Conc: 2885.58 ng/ml



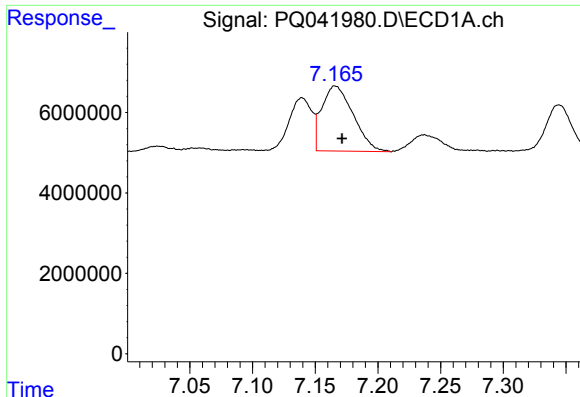
#16 AR-1242-1

R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 16544431
Conc: 184.96 ng/ml



#16 AR-1242-1

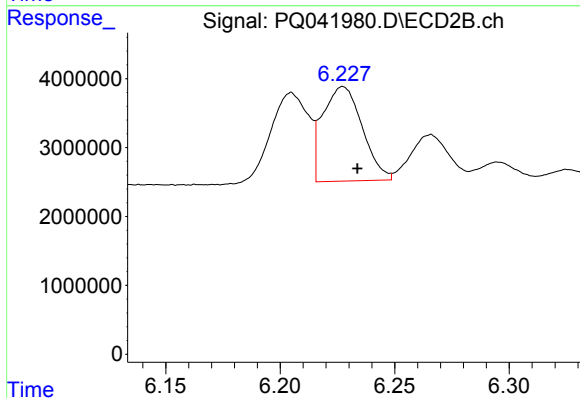
R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 14887312
Conc: 181.91 ng/ml



#17 AR-1242-2

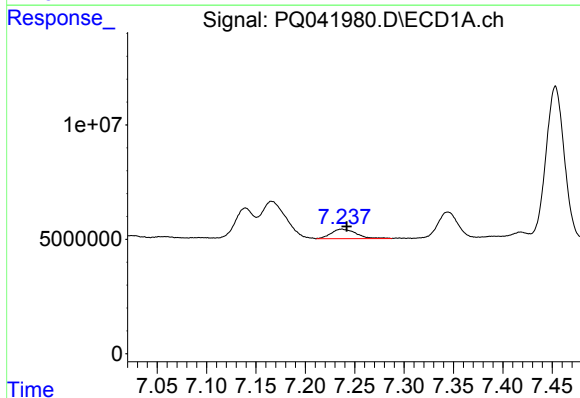
R.T.: 7.166 min
Delta R.T.: -0.005 min
Response: 28214252
Conc: 219.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



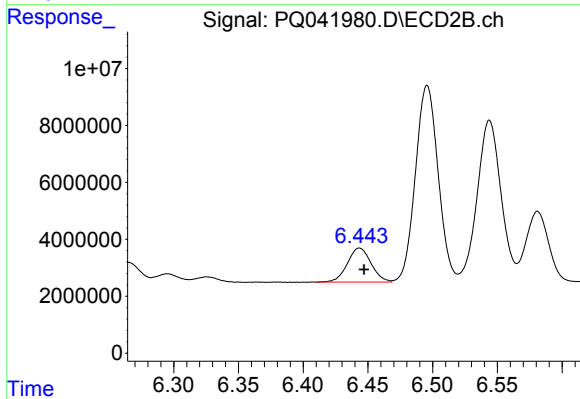
#17 AR-1242-2

R.T.: 6.227 min
Delta R.T.: -0.006 min
Response: 16502376
Conc: 146.12 ng/ml



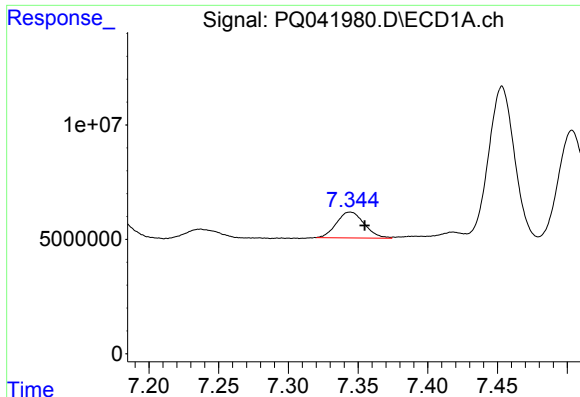
#18 AR-1242-3

R.T.: 7.237 min
Delta R.T.: -0.005 min
Response: 7360710
Conc: 90.78 ng/ml



#18 AR-1242-3

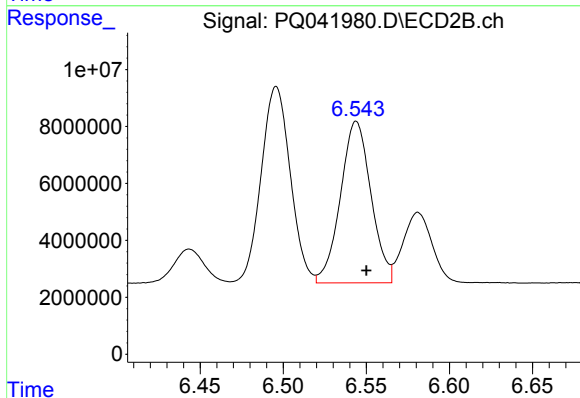
R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 15233037
Conc: 257.87 ng/ml



#19 AR-1242-4

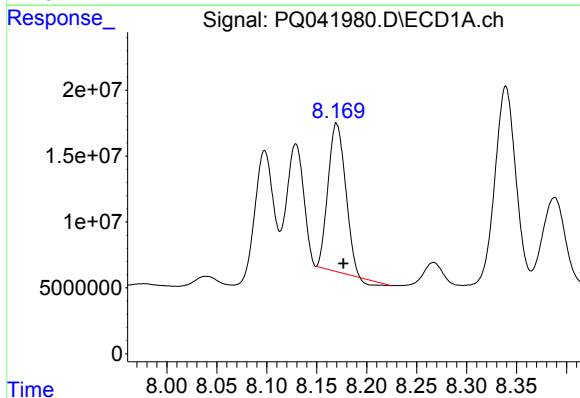
R.T.: 7.344 min
Delta R.T.: -0.010 min
Response: 15678306
Conc: 243.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



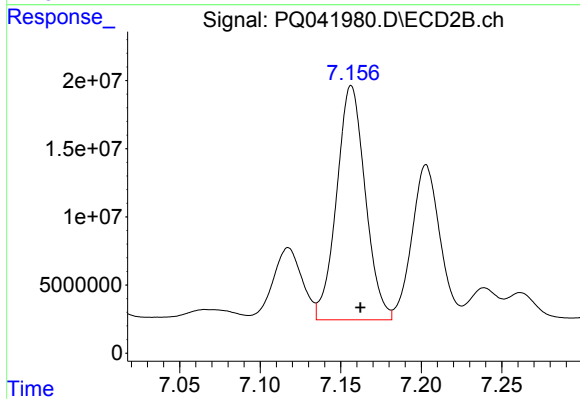
#19 AR-1242-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 72649212
Conc: 1225.17 ng/ml



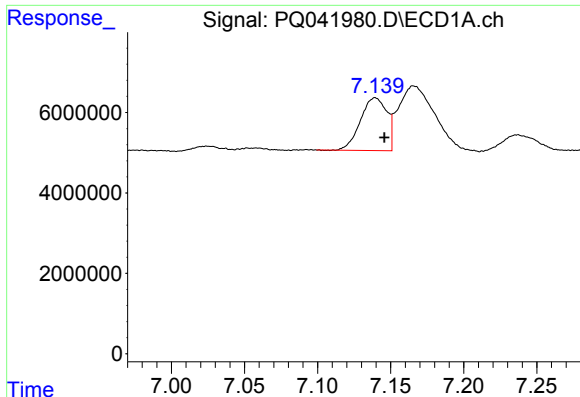
#20 AR-1242-5

R.T.: 8.170 min
Delta R.T.: -0.007 min
Response: 134279188
Conc: 1513.42 ng/ml



#20 AR-1242-5

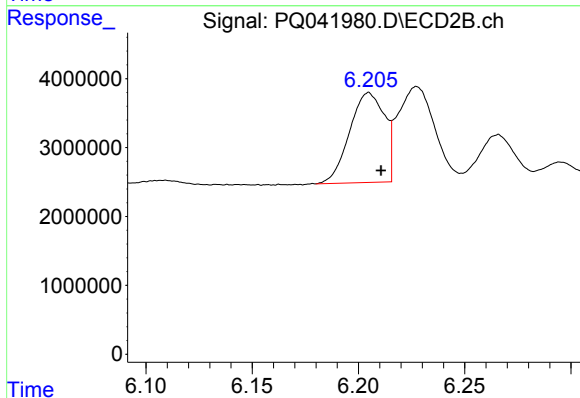
R.T.: 7.157 min
Delta R.T.: -0.006 min
Response: 212759625
Conc: 2396.10 ng/ml



#21 AR-1248-1

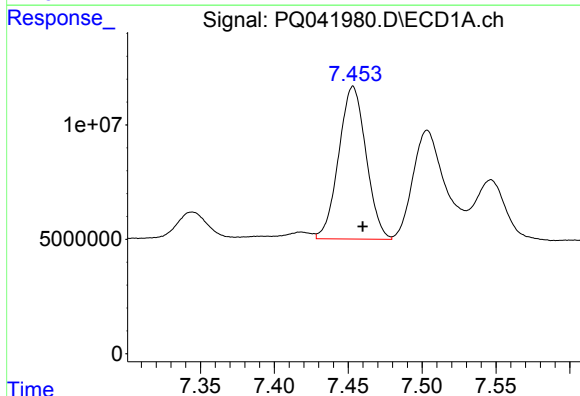
R.T.: 7.139 min
Delta R.T.: -0.006 min
Response: 16544431
Conc: 223.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



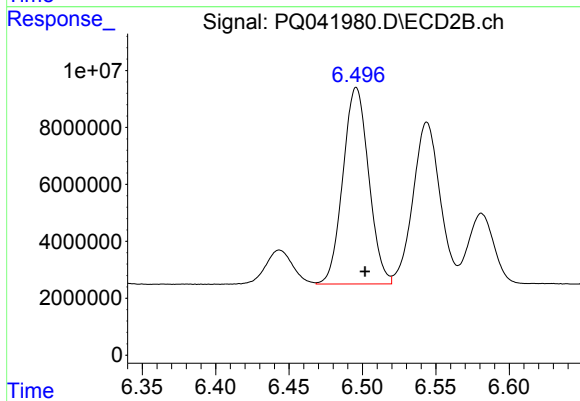
#21 AR-1248-1

R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 14887312
Conc: 224.53 ng/ml



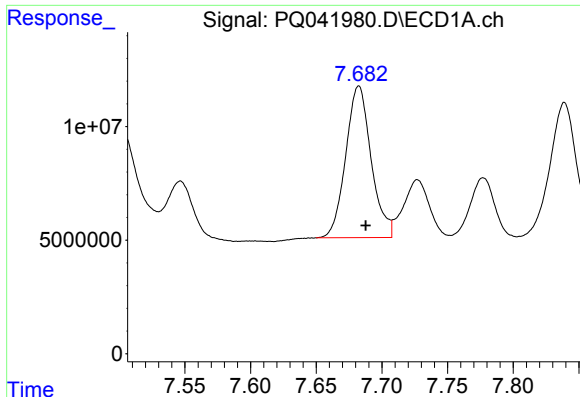
#22 AR-1248-2

R.T.: 7.453 min
Delta R.T.: -0.007 min
Response: 85932248
Conc: 931.38 ng/ml



#22 AR-1248-2

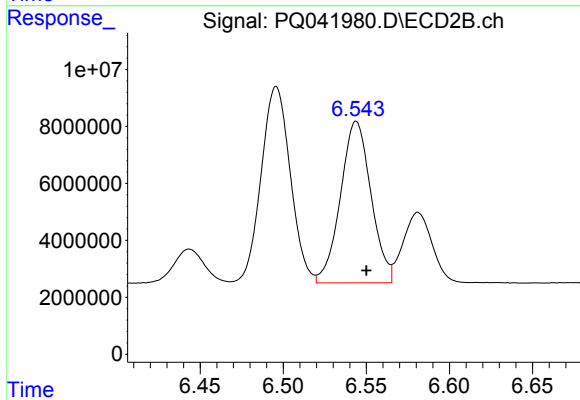
R.T.: 6.496 min
Delta R.T.: -0.006 min
Response: 84386774
Conc: 967.87 ng/ml



#23 AR-1248-3

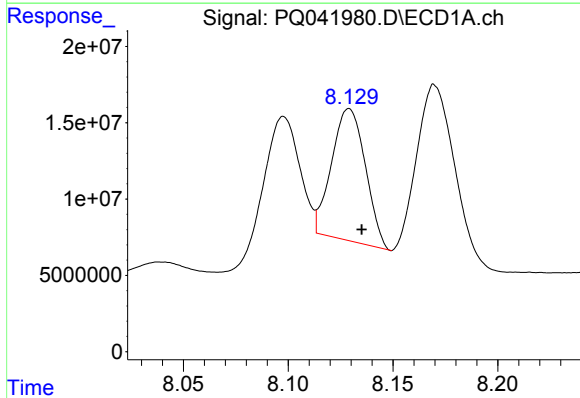
R.T.: 7.682 min
Delta R.T.: -0.005 min
Response: 89842988
Conc: 801.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



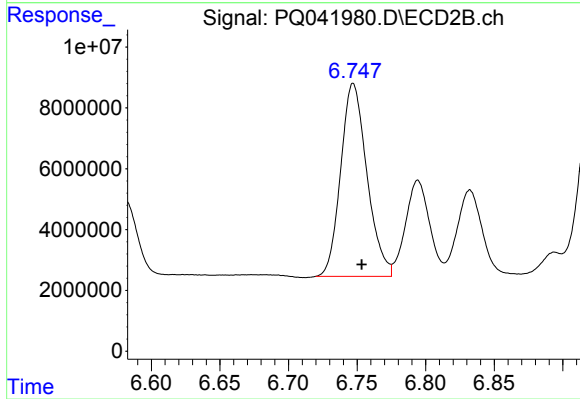
#23 AR-1248-3

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 72649212
Conc: 813.94 ng/ml



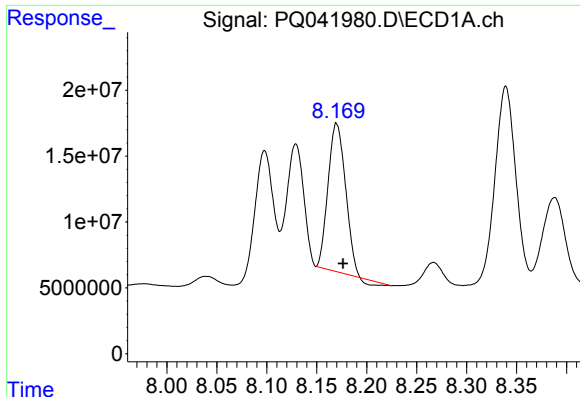
#24 AR-1248-4

R.T.: 8.129 min
Delta R.T.: -0.006 min
Response: 97129832
Conc: 621.20 ng/ml



#24 AR-1248-4

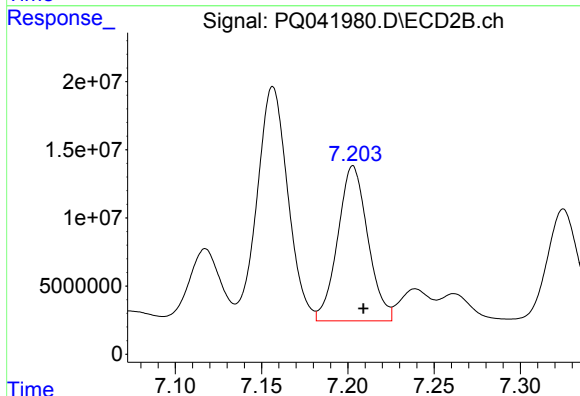
R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 84622788
Conc: 768.31 ng/ml



#25 AR-1248-5

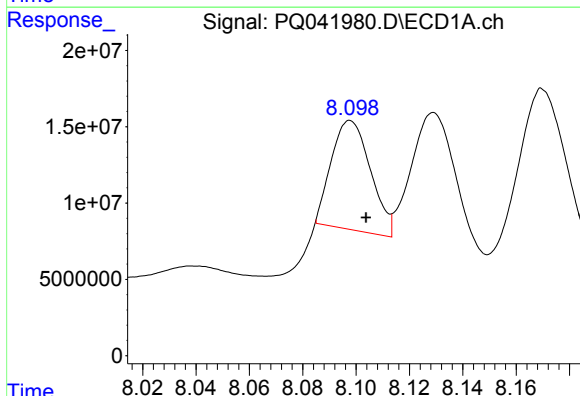
R.T.: 8.170 min
Delta R.T.: -0.006 min
Response: 134279188
Conc: 887.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



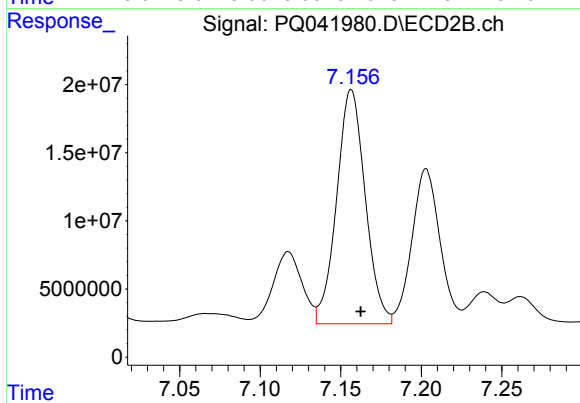
#25 AR-1248-5

R.T.: 7.203 min
Delta R.T.: -0.006 min
Response: 138210462
Conc: 1078.30 ng/ml



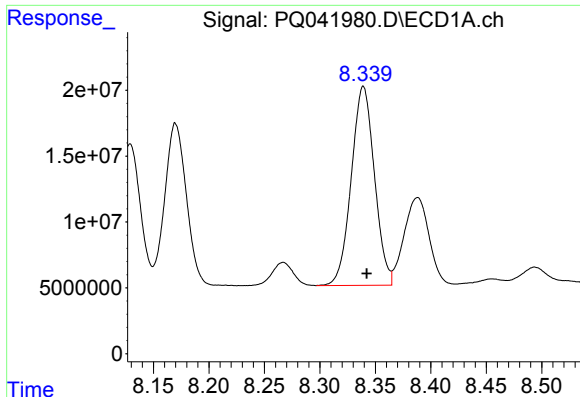
#26 AR-1254-1

R.T.: 8.098 min
Delta R.T.: -0.006 min
Response: 72722400
Conc: 522.75 ng/ml



#26 AR-1254-1

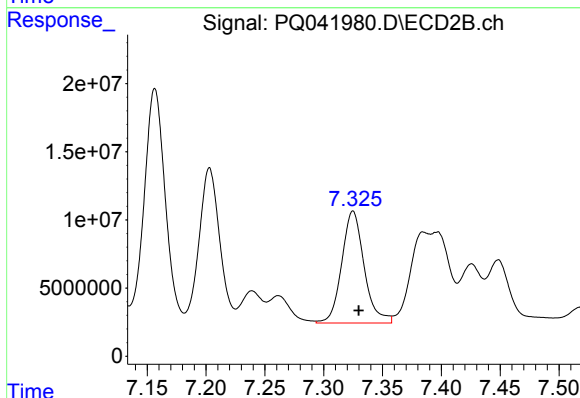
R.T.: 7.157 min
Delta R.T.: -0.006 min
Response: 212759625
Conc: 1163.35 ng/ml



#27 AR-1254-2

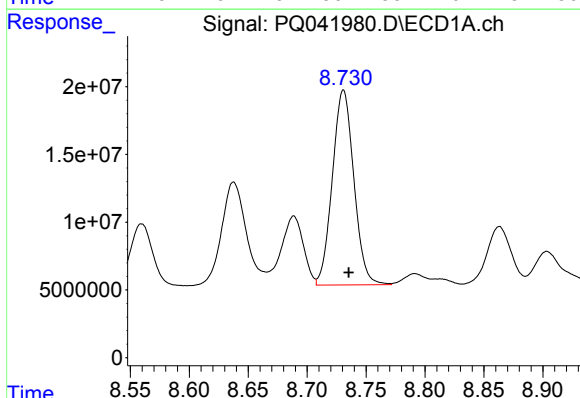
R.T.: 8.339 min
Delta R.T.: -0.003 min
Response: 219518266
Conc: 959.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



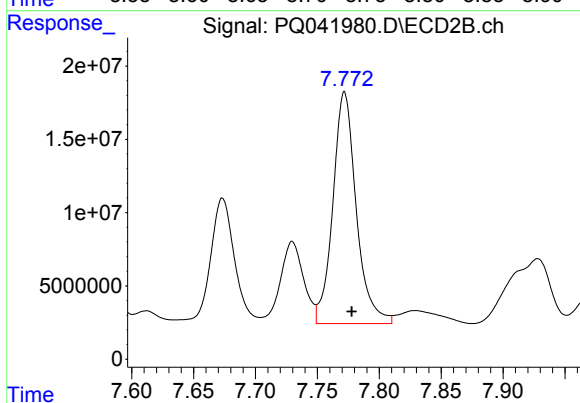
#27 AR-1254-2

R.T.: 7.325 min
Delta R.T.: -0.005 min
Response: 108947260
Conc: 673.05 ng/ml



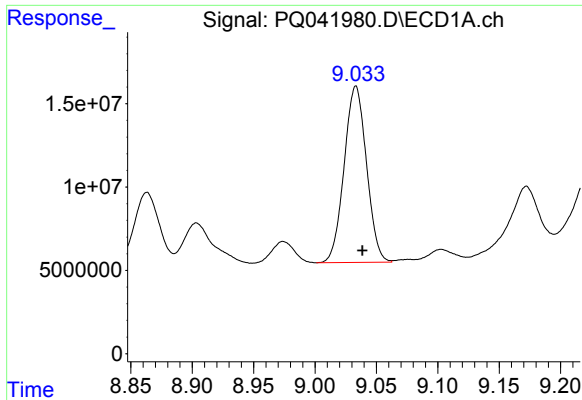
#28 AR-1254-3

R.T.: 8.731 min
Delta R.T.: -0.004 min
Response: 182779939
Conc: 668.48 ng/ml



#28 AR-1254-3

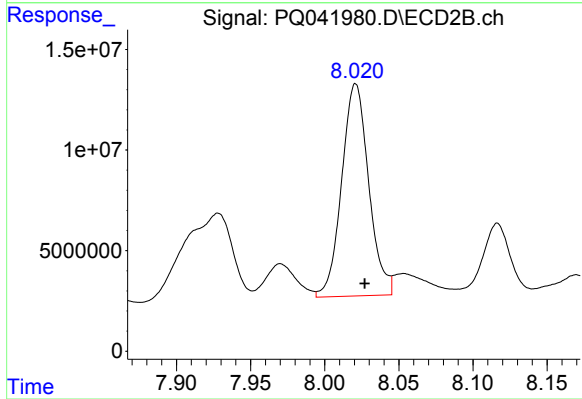
R.T.: 7.772 min
Delta R.T.: -0.006 min
Response: 208159748
Conc: 721.76 ng/ml



#29 AR-1254-4

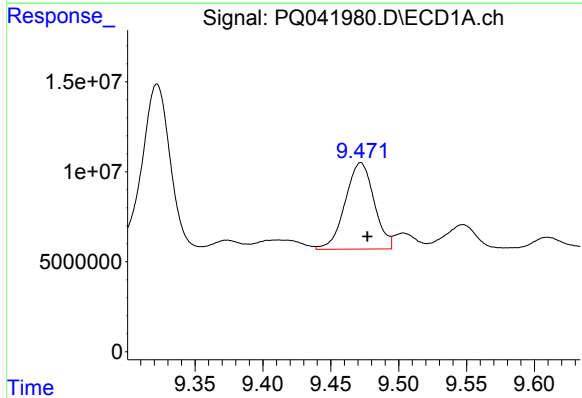
R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 134305807
Conc: 545.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



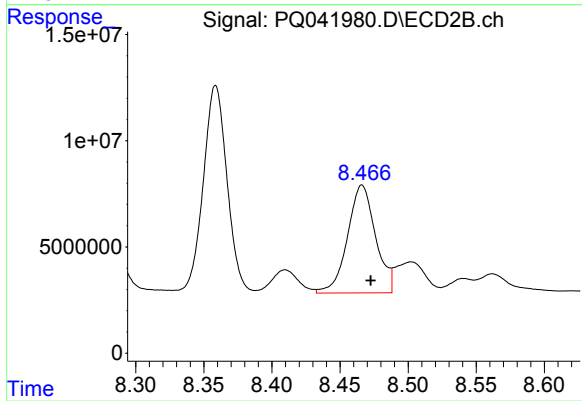
#29 AR-1254-4

R.T.: 8.021 min
Delta R.T.: -0.006 min
Response: 133926985
Conc: 616.97 ng/ml



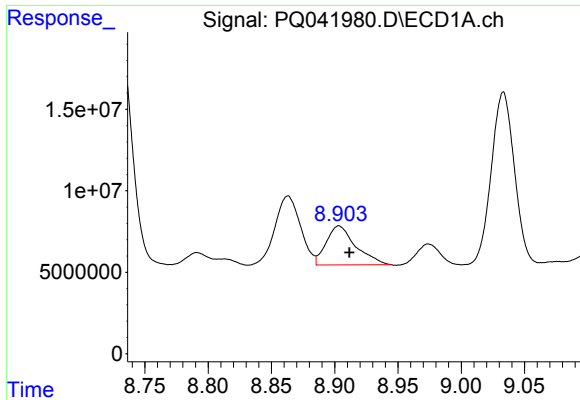
#30 AR-1254-5

R.T.: 9.472 min
Delta R.T.: -0.005 min
Response: 71269453
Conc: 263.14 ng/ml



#30 AR-1254-5

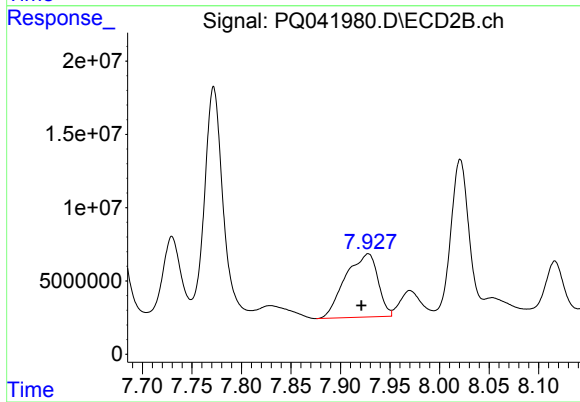
R.T.: 8.466 min
Delta R.T.: -0.006 min
Response: 72638714
Conc: 241.51 ng/ml



#31 AR-1260-1

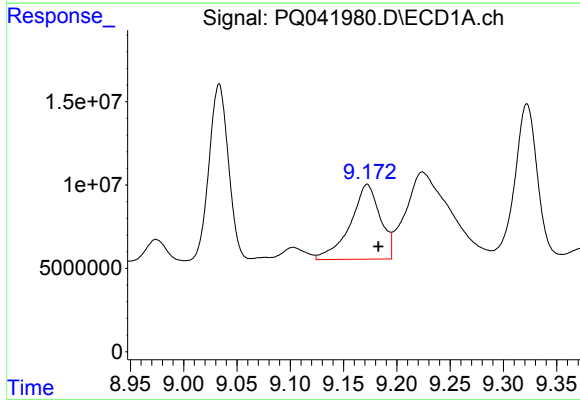
R.T.: 8.903 min
Delta R.T.: -0.008 min
Response: 38900296
Conc: 218.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



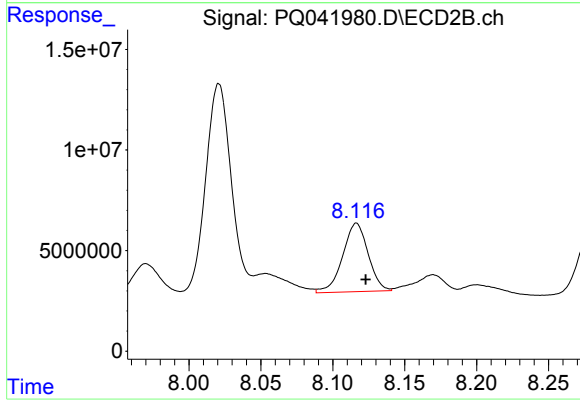
#31 AR-1260-1

R.T.: 7.928 min
Delta R.T.: 0.007 min
Response: 98682369
Conc: 543.92 ng/ml



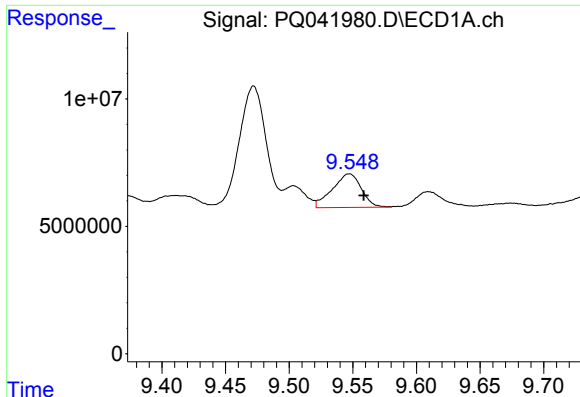
#32 AR-1260-2

R.T.: 9.172 min
Delta R.T.: -0.011 min
Response: 87909528
Conc: 348.47 ng/ml



#32 AR-1260-2

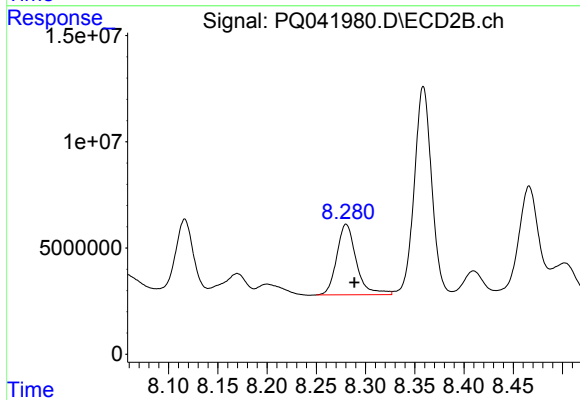
R.T.: 8.116 min
Delta R.T.: -0.007 min
Response: 42279679
Conc: 172.33 ng/ml



#33 AR-1260-3

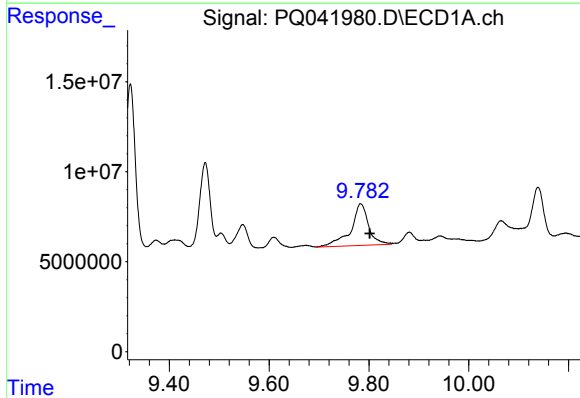
R.T.: 9.547 min
Delta R.T.: -0.011 min
Response: 20923691
Conc: 91.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



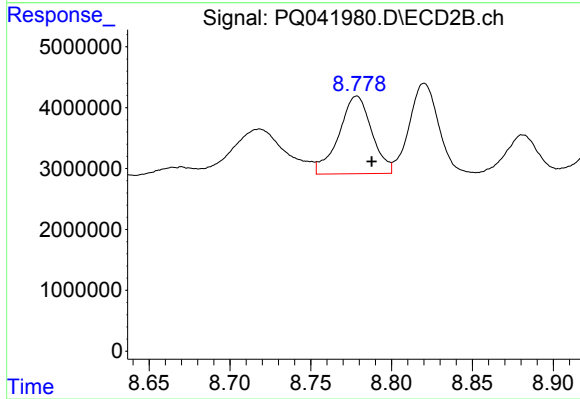
#33 AR-1260-3

R.T.: 8.280 min
Delta R.T.: -0.008 min
Response: 45983201
Conc: 216.11 ng/ml



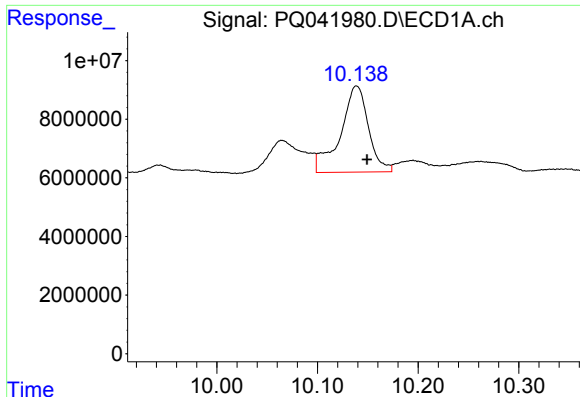
#34 AR-1260-4

R.T.: 9.783 min
Delta R.T.: -0.018 min
Response: 56999031
Conc: 223.23 ng/ml



#34 AR-1260-4

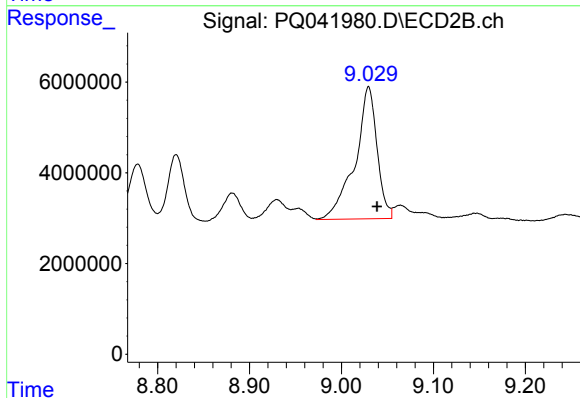
R.T.: 8.778 min
Delta R.T.: -0.009 min
Response: 18063387
Conc: 89.29 ng/ml



#35 AR-1260-5

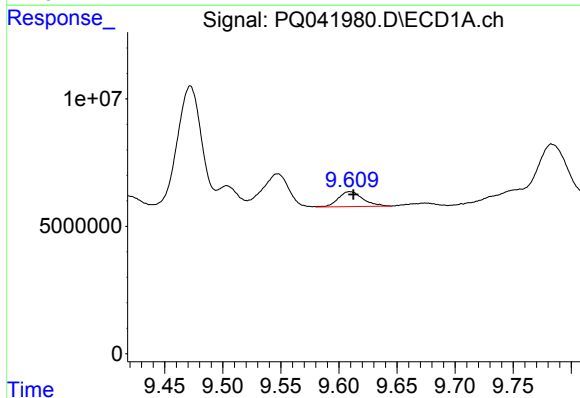
R.T.: 10.139 min
Delta R.T.: -0.010 min
Response: 57024143
Conc: 84.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



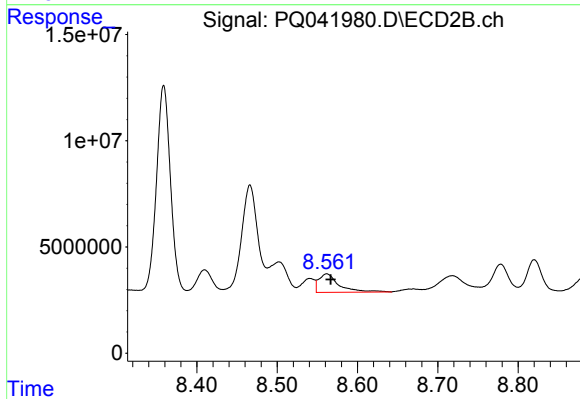
#35 AR-1260-5

R.T.: 9.030 min
Delta R.T.: -0.009 min
Response: 48495771
Conc: 82.17 ng/ml



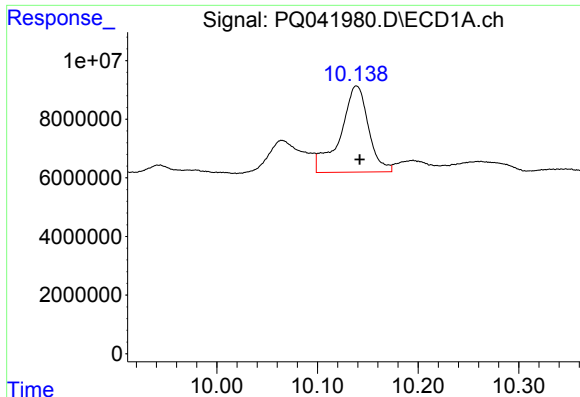
#36 AR-1262-1

R.T.: 9.609 min
Delta R.T.: -0.003 min
Response: 8668455
Conc: 56.40 ng/ml



#36 AR-1262-1

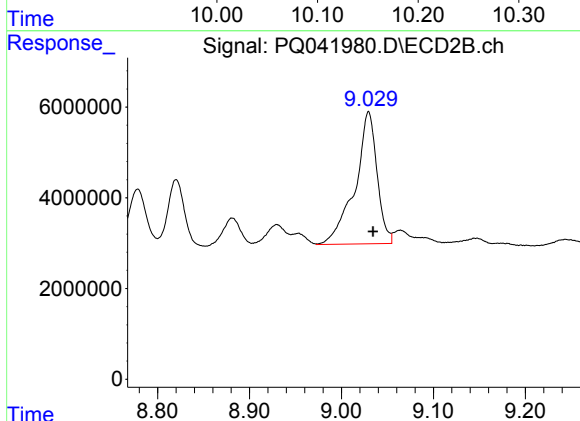
R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 15331412
Conc: 106.87 ng/ml



#37 AR-1262-2

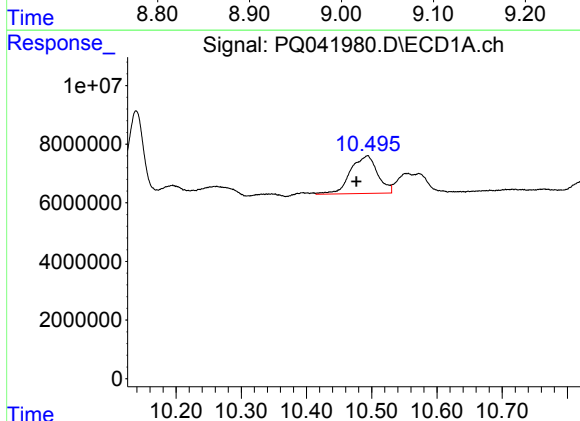
R.T.: 10.139 min
Delta R.T.: -0.003 min
Response: 57024143
Conc: 65.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



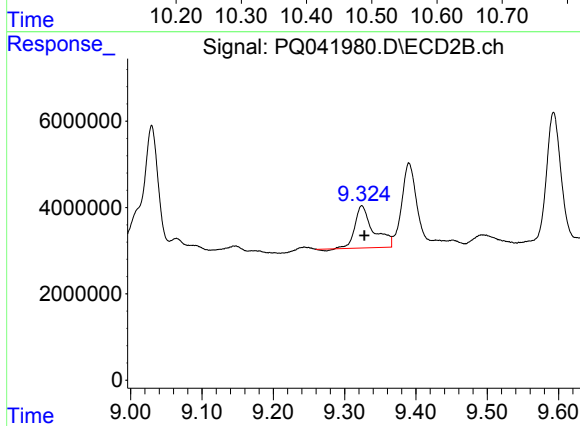
#37 AR-1262-2

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 48495771
Conc: 65.44 ng/ml



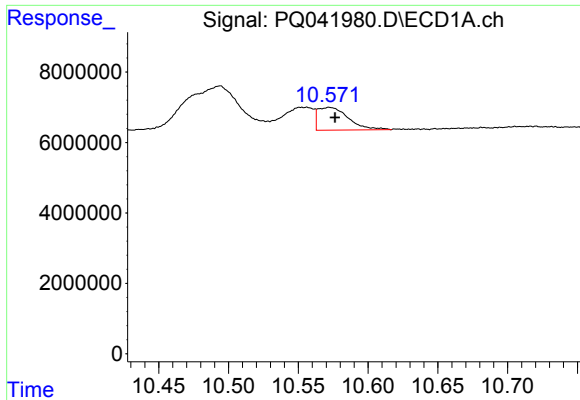
#38 AR-1262-3

R.T.: 10.494 min
Delta R.T.: 0.017 min
Response: 37076718
Conc: 58.39 ng/ml



#38 AR-1262-3

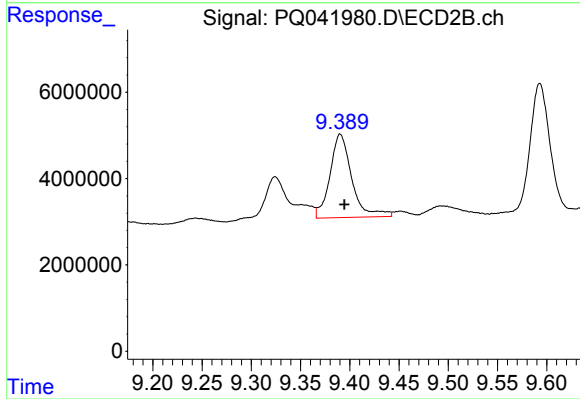
R.T.: 9.324 min
Delta R.T.: -0.004 min
Response: 17485455
Conc: 55.27 ng/ml



#39 AR-1262-4

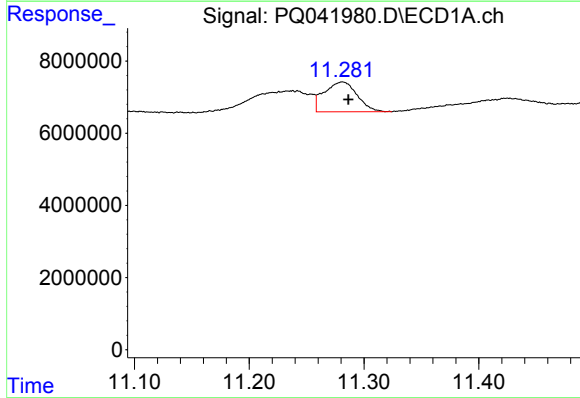
R.T.: 10.572 min
Delta R.T.: -0.004 min
Response: 9870982
Conc: 19.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



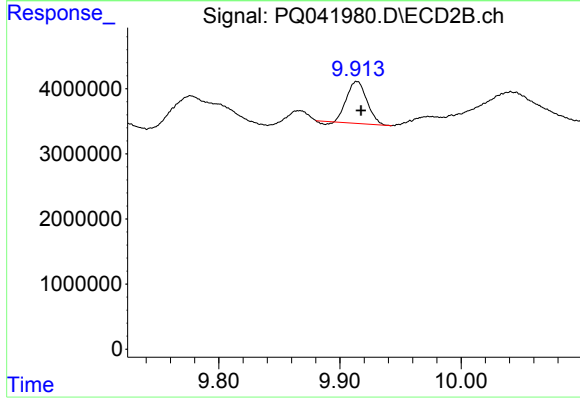
#39 AR-1262-4

R.T.: 9.390 min
Delta R.T.: -0.004 min
Response: 29850443
Conc: 53.08 ng/ml



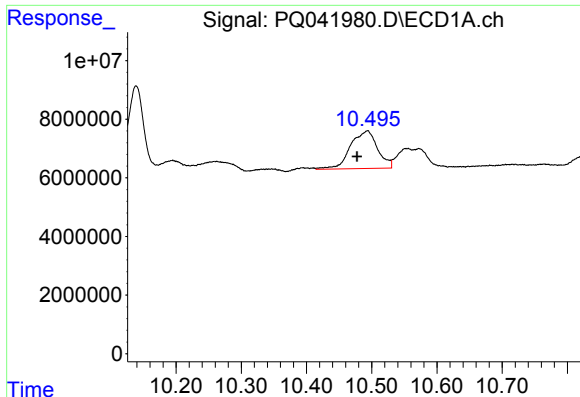
#40 AR-1262-5

R.T.: 11.281 min
Delta R.T.: -0.005 min
Response: 16449976
Conc: 40.41 ng/ml



#40 AR-1262-5

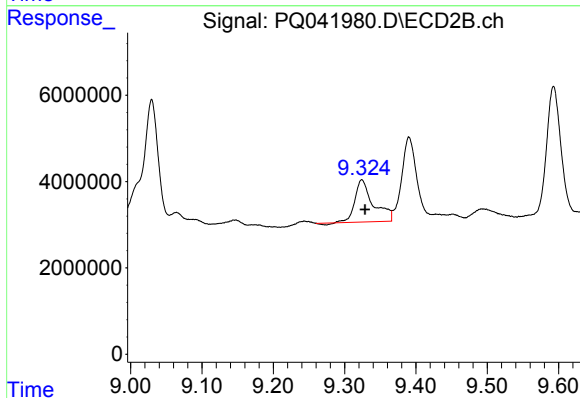
R.T.: 9.914 min
Delta R.T.: -0.003 min
Response: 7312902
Conc: 25.60 ng/ml



#41 AR-1268-1

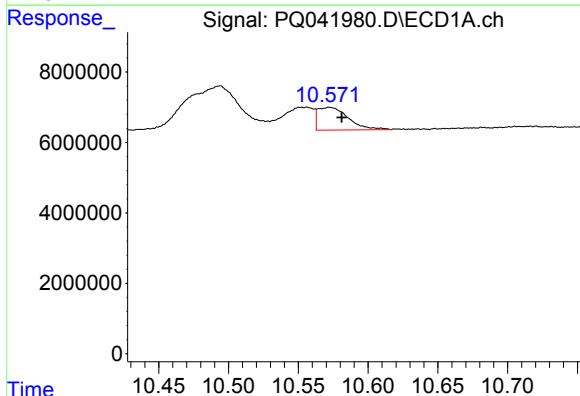
R.T.: 10.494 min
Delta R.T.: 0.016 min
Response: 37076718
Conc: 26.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



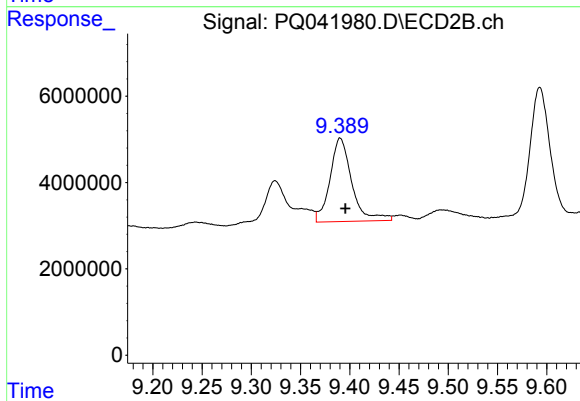
#41 AR-1268-1

R.T.: 9.324 min
Delta R.T.: -0.004 min
Response: 17485455
Conc: 15.30 ng/ml



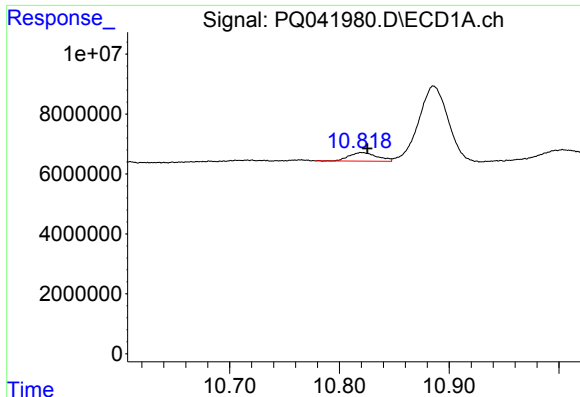
#42 AR-1268-2

R.T.: 10.572 min
Delta R.T.: -0.009 min
Response: 9870982
Conc: 7.48 ng/ml



#42 AR-1268-2

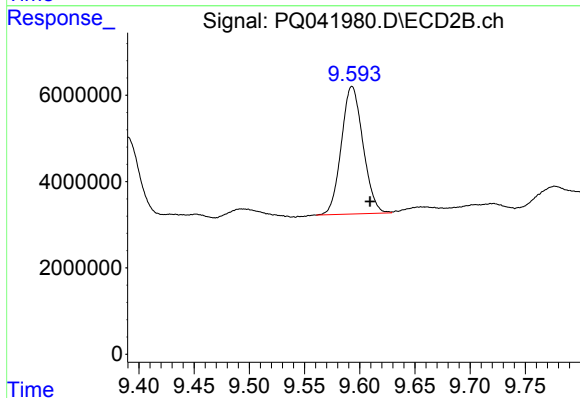
R.T.: 9.390 min
Delta R.T.: -0.005 min
Response: 29850443
Conc: 29.08 ng/ml



#43 AR-1268-3

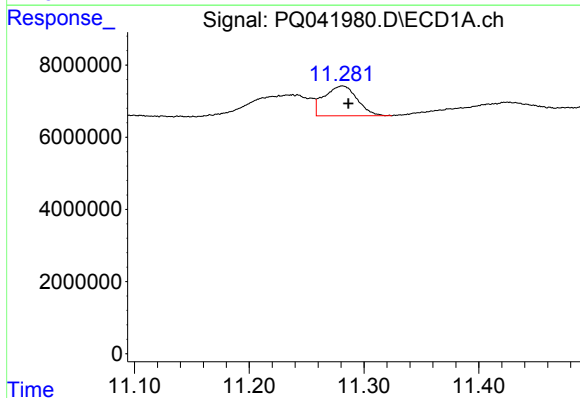
R.T.: 10.820 min
Delta R.T.: -0.005 min
Response: 5053239
Conc: 4.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



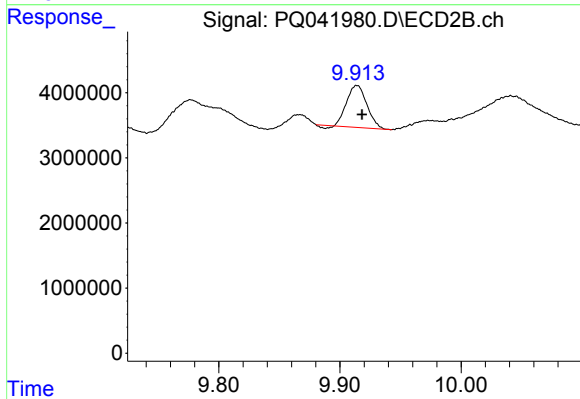
#43 AR-1268-3

R.T.: 9.593 min
Delta R.T.: -0.016 min
Response: 40364358
Conc: 46.45 ng/ml



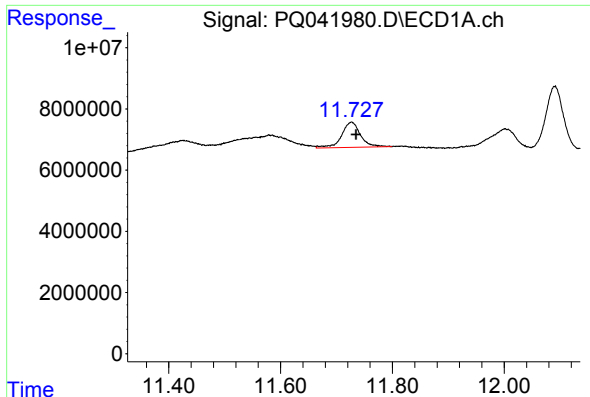
#44 AR-1268-4

R.T.: 11.281 min
Delta R.T.: -0.005 min
Response: 16449976
Conc: 30.22 ng/ml



#44 AR-1268-4

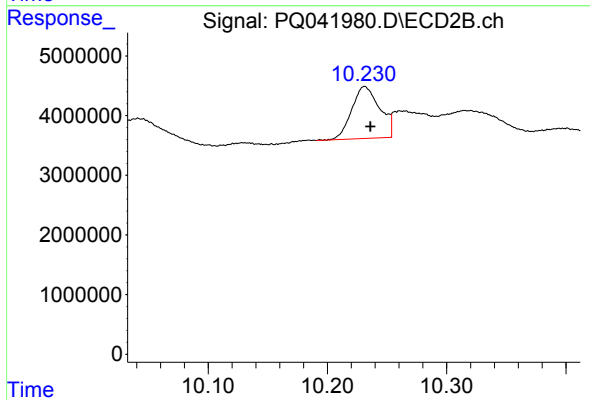
R.T.: 9.914 min
Delta R.T.: -0.004 min
Response: 7312902
Conc: 19.01 ng/ml



#45 AR-1268-5

R.T.: 11.727 min
Delta R.T.: -0.008 min
Response: 19272931
Conc: 4.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.231 min
Delta R.T.: -0.005 min
Response: 14244095
Conc: 5.48 ng/ml