

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011419\
 Data File : PQ036410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2019 18:08
 Operator : SM\SJ
 Sample : K1129-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 P-1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 22:21:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.378	3.717	69486911	40985361	15.200	16.933
2)	SA Decachlor...	10.016	8.673	46479735	24169729	12.778	12.572
Target Compounds							
3)	L1 AR-1016-1	5.559	4.791	38988965	15556293	278.648	200.434 #
4)	L1 AR-1016-2	5.559	4.809	38988965	22044938	182.645	193.568
5)	L1 AR-1016-3	5.621	4.985	23577912	11444221	190.052	197.815
6)	L1 AR-1016-4	5.720	5.024	15540784	9251800	153.472	196.268 #
7)	L1 AR-1016-5	6.010	5.237	13239773	10195419	132.587	167.591 #
8)	L2 AR-1221-1	4.586	0.000	1869226	0	52.887	N.D. #
9)	L2 AR-1221-2	4.675	4.014	3329856	1520777	125.355	102.611
10)	L2 AR-1221-3	4.750	4.088	13307469	7688903	149.277	155.526
11)	L3 AR-1232-1	4.750	4.088	13307469	7688903	174.677	178.676
12)	L3 AR-1232-2	5.273	4.809	18957386	22044938	496.668	489.326
13)	L3 AR-1232-3	5.559	4.985	38988965	11444221	484.527	504.961
14)	L3 AR-1232-4	5.720	5.065	15540784	11158087	404.320	542.125 #
15)	L3 AR-1232-5	5.807	5.237	15847591	10195419	553.298	464.898
16)	L4 AR-1242-1	5.559	4.791	38988965	15556293	392.166	269.822 #
17)	L4 AR-1242-2	5.559	4.809	38988965	22044938	258.107	270.319
18)	L4 AR-1242-3	5.621	4.985	23577912	11444221	265.850	267.723
19)	L4 AR-1242-4	5.720	5.065	15540784	11158087	213.330	262.212
20)	L4 AR-1242-5	6.450	5.583	1914387	9344275	24.124	172.030 #
21)	L5 AR-1248-1	5.559	4.791	38988965	15556293	389.629	331.486
22)	L5 AR-1248-2	5.807	5.024	15847591	9251800	141.869	147.410
23)	L5 AR-1248-3	6.010	5.065	13239773	11158087	105.657	173.667 #
24)	L5 AR-1248-4	6.412	5.237	2651439	10195419	18.596	132.728 #
25)	L5 AR-1248-5	6.450	5.583	1914387	9344275	14.007	122.440 #
26)	L6 AR-1254-1	6.412	5.583	2651439	9344275	19.504	89.343 #
27)	L6 AR-1254-2	6.598	5.728	14958969	8687384	70.340	95.070 #
28)	L6 AR-1254-3	6.968	6.140	7705642	15568692	32.828	97.786 #
29)	L6 AR-1254-4	7.252	6.357	2750809	1895354	15.549	18.057
30)	L6 AR-1254-5	7.700	6.769	5510759	30497394	26.906	209.964 #
31)	L7 AR-1260-1	7.127	6.256	33294807	20949089	174.877	175.932
32)	L7 AR-1260-2	7.382	6.443	41460327	26042265	180.662	181.394
33)	L7 AR-1260-3	7.739	6.595	25458235	23119303	180.798	175.096
34)	L7 AR-1260-4	7.968	7.061	30529340	16945787	177.062	188.516
35)	L7 AR-1260-5	8.282	7.305	58211586	41018326	173.427	185.660
36)	L8 AR-1262-1	7.739	6.803	25458235	18614436	108.635	120.746
37)	L8 AR-1262-2	8.282	7.305	58211586	41018326	135.673	147.343
38)	L8 AR-1262-3	8.606	7.581	20238672	7447291	217.477	71.841 #
39)	L8 AR-1262-4	8.657	7.648	17104446	29005996	82.466	145.743 #
40)	L8 AR-1262-5	9.311	8.143	7426980	8380435	51.125	95.308 #
41)	L9 AR-1268-1	8.606	7.581	20238672	7447291	39.850	23.442 #
42)	L9 AR-1268-2	8.657	7.648	17104446	29005996	35.769	100.732 #

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 Data File : PQ036410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2019 18:08
 Operator : SM\SJ
 Sample : K1129-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

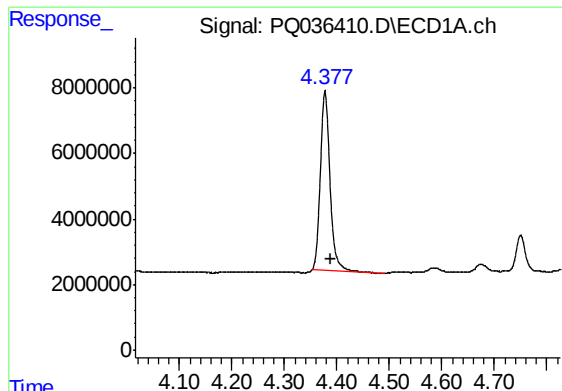
Instrument :
 ECD_Q
 ClientSampleId :
 P-1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 22:21:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.311	8.143	7426980	8380435	45.230	84.288 #
45) L9	AR-1268-5	9.703	8.429	1736177	2698240	1.280	3.590 #

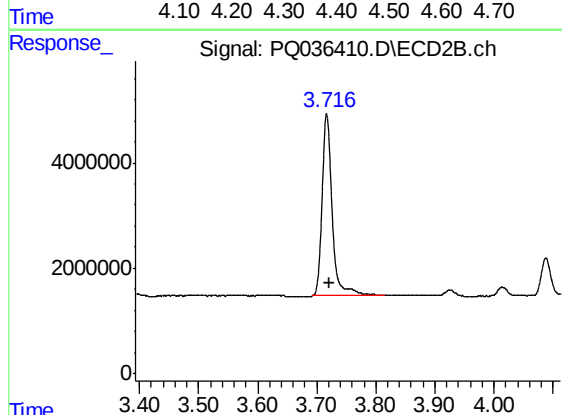
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

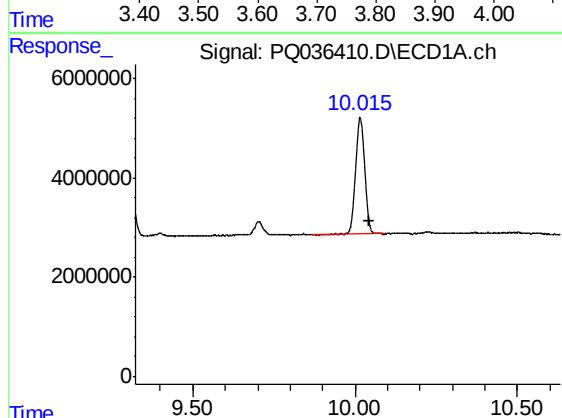
R.T.: 4.378 min
Delta R.T.: -0.011 min
Response: 69486911
Conc: 15.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



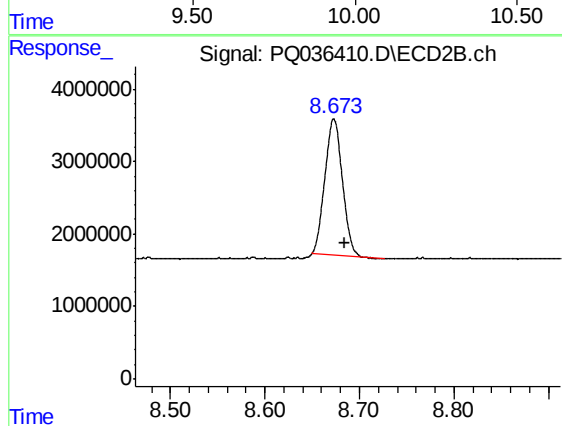
#1 Tetrachloro-m-xylene

R.T.: 3.717 min
Delta R.T.: -0.004 min
Response: 40985361
Conc: 16.93 ng/ml



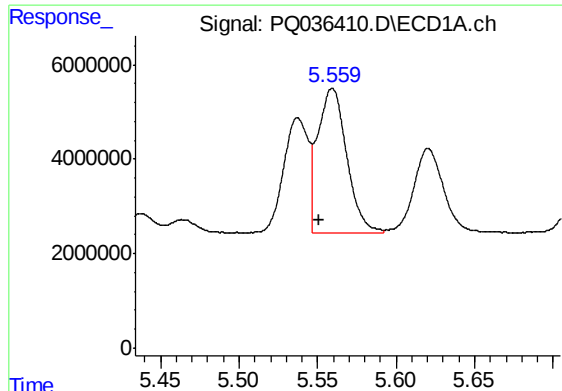
#2 Decachlorobiphenyl

R.T.: 10.016 min
Delta R.T.: -0.028 min
Response: 46479735
Conc: 12.78 ng/ml



#2 Decachlorobiphenyl

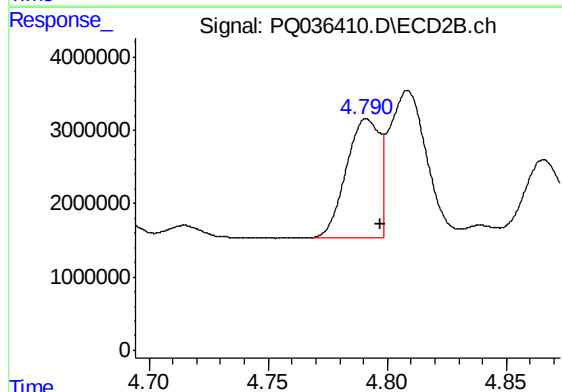
R.T.: 8.673 min
Delta R.T.: -0.011 min
Response: 24169729
Conc: 12.57 ng/ml



#3 AR-1016-1

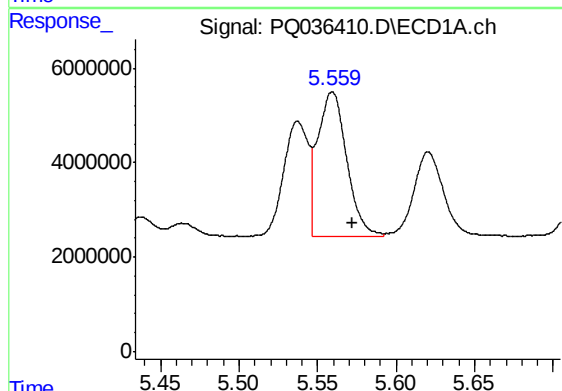
R.T.: 5.559 min
Delta R.T.: 0.008 min
Response: 38988965
Conc: 278.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



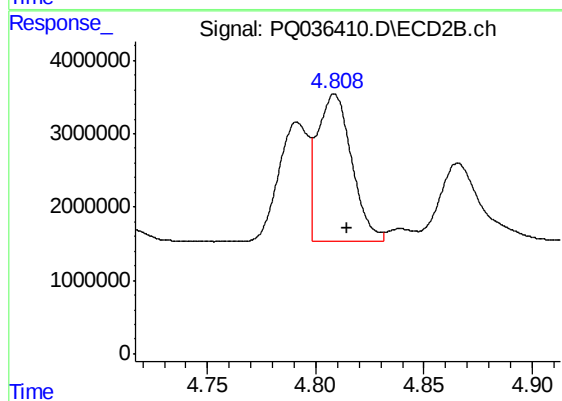
#3 AR-1016-1

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 15556293
Conc: 200.43 ng/ml



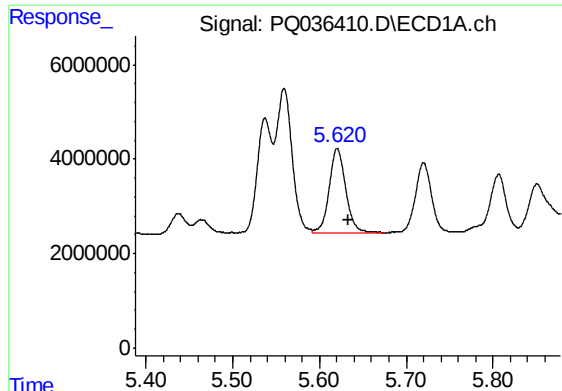
#4 AR-1016-2

R.T.: 5.559 min
Delta R.T.: -0.013 min
Response: 38988965
Conc: 182.65 ng/ml



#4 AR-1016-2

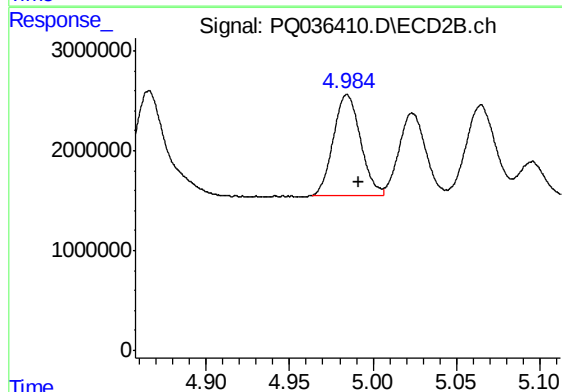
R.T.: 4.809 min
Delta R.T.: -0.006 min
Response: 22044938
Conc: 193.57 ng/ml



#5 AR-1016-3

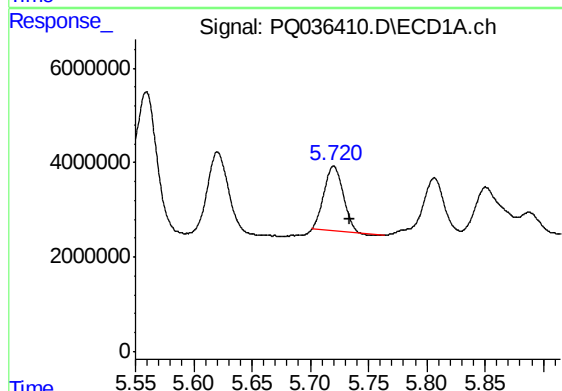
R.T.: 5.621 min
Delta R.T.: -0.014 min
Response: 23577912
Conc: 190.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



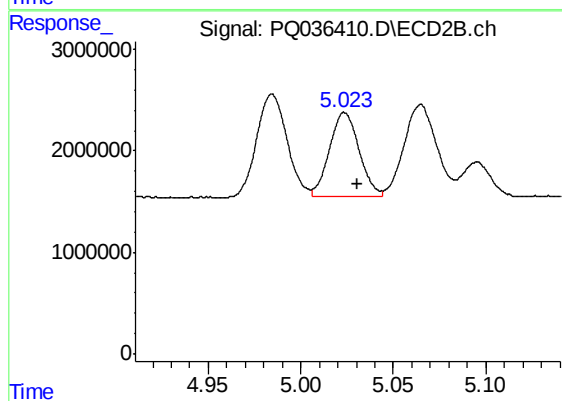
#5 AR-1016-3

R.T.: 4.985 min
Delta R.T.: -0.007 min
Response: 11444221
Conc: 197.82 ng/ml



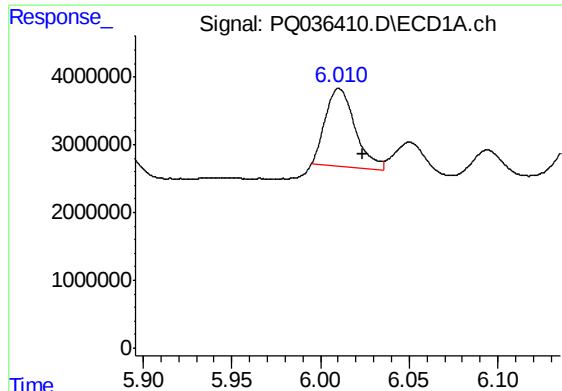
#6 AR-1016-4

R.T.: 5.720 min
Delta R.T.: -0.013 min
Response: 15540784
Conc: 153.47 ng/ml



#6 AR-1016-4

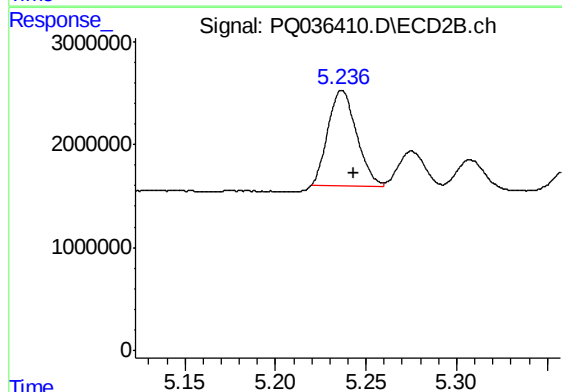
R.T.: 5.024 min
Delta R.T.: -0.007 min
Response: 9251800
Conc: 196.27 ng/ml



#7 AR-1016-5

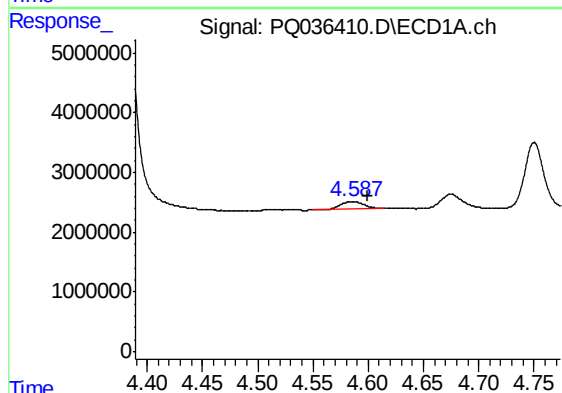
R.T.: 6.010 min
Delta R.T.: -0.014 min
Response: 13239773
Conc: 132.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



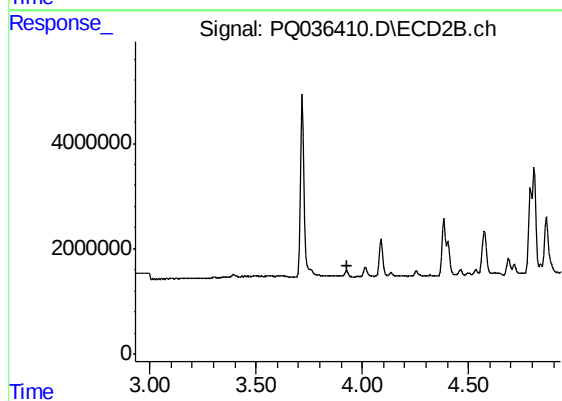
#7 AR-1016-5

R.T.: 5.237 min
Delta R.T.: -0.006 min
Response: 10195419
Conc: 167.59 ng/ml



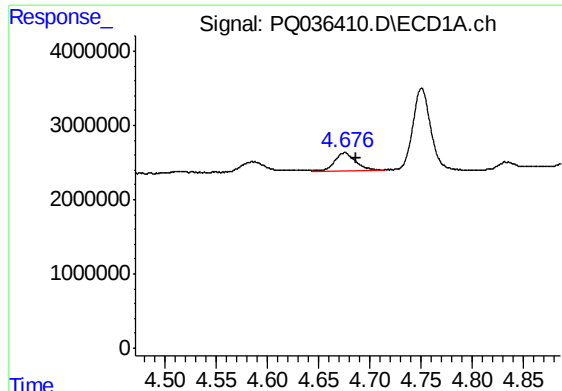
#8 AR-1221-1

R.T.: 4.586 min
Delta R.T.: -0.014 min
Response: 1869226
Conc: 52.89 ng/ml



#8 AR-1221-1

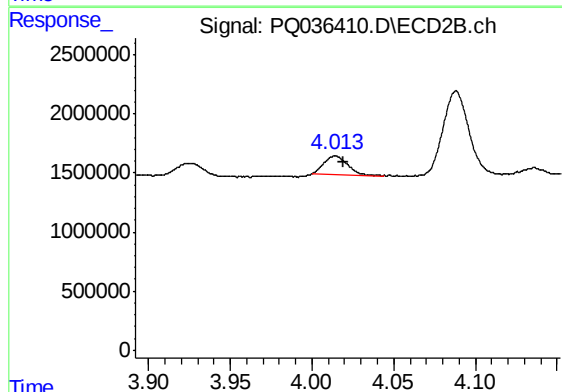
R.T.: 0.000 min
Exp R.T. : 3.933 min
Response: 0
Conc: N.D.



#9 AR-1221-2

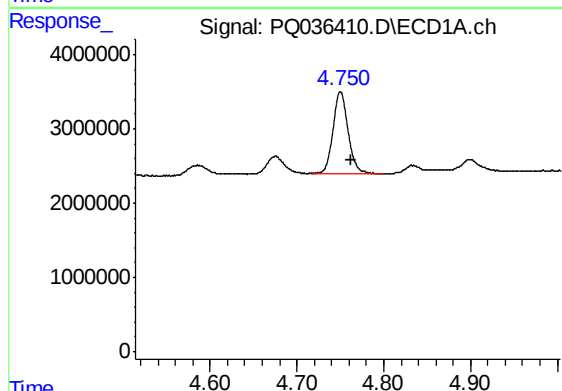
R.T.: 4.675 min
Delta R.T.: -0.011 min
Response: 3329856
Conc: 125.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



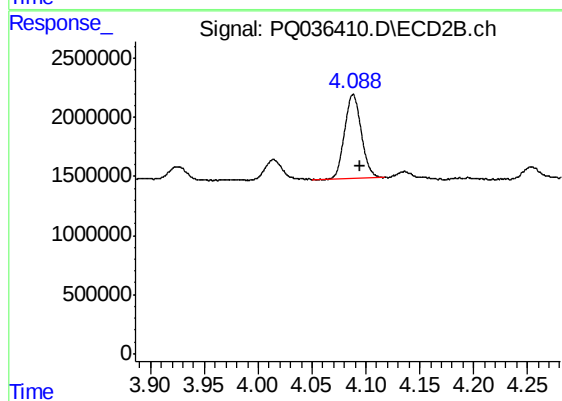
#9 AR-1221-2

R.T.: 4.014 min
Delta R.T.: -0.005 min
Response: 1520777
Conc: 102.61 ng/ml



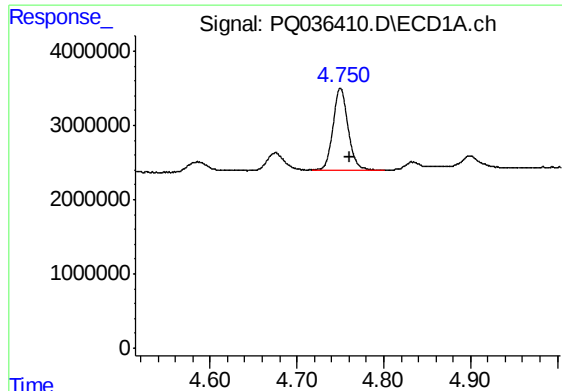
#10 AR-1221-3

R.T.: 4.750 min
Delta R.T.: -0.012 min
Response: 13307469
Conc: 149.28 ng/ml



#10 AR-1221-3

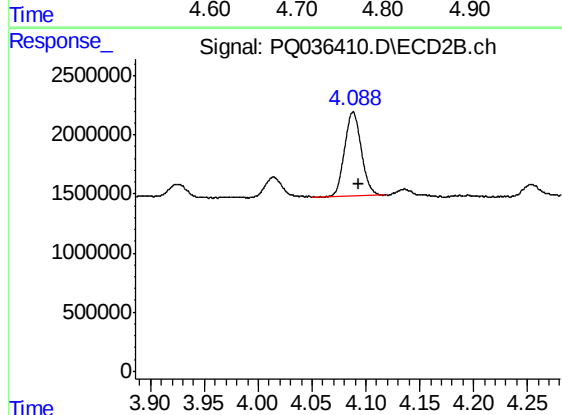
R.T.: 4.088 min
Delta R.T.: -0.006 min
Response: 7688903
Conc: 155.53 ng/ml



#11 AR-1232-1

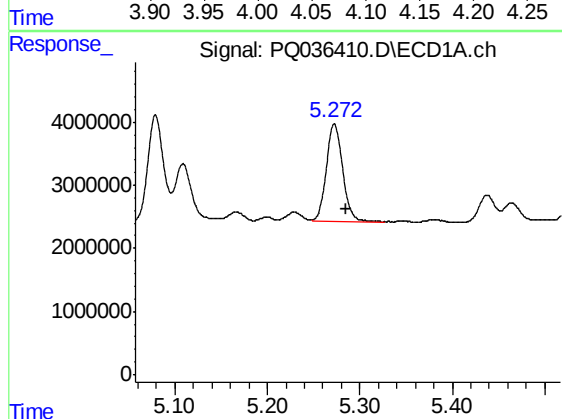
R.T.: 4.750 min
Delta R.T.: -0.011 min
Response: 13307469
Conc: 174.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



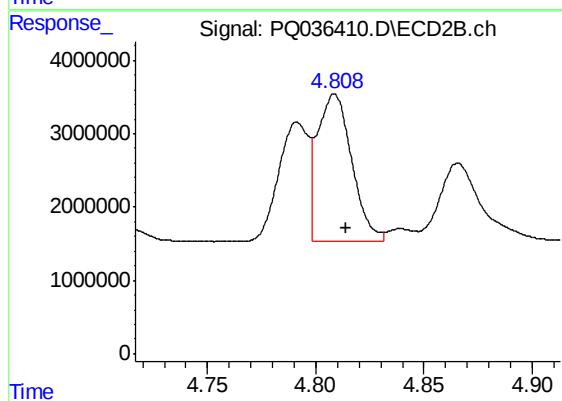
#11 AR-1232-1

R.T.: 4.088 min
Delta R.T.: -0.005 min
Response: 7688903
Conc: 178.68 ng/ml



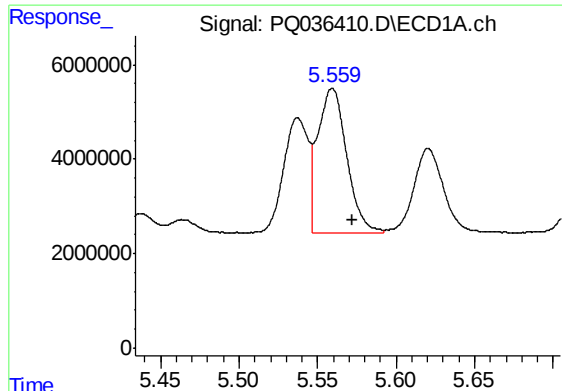
#12 AR-1232-2

R.T.: 5.273 min
Delta R.T.: -0.013 min
Response: 18957386
Conc: 496.67 ng/ml



#12 AR-1232-2

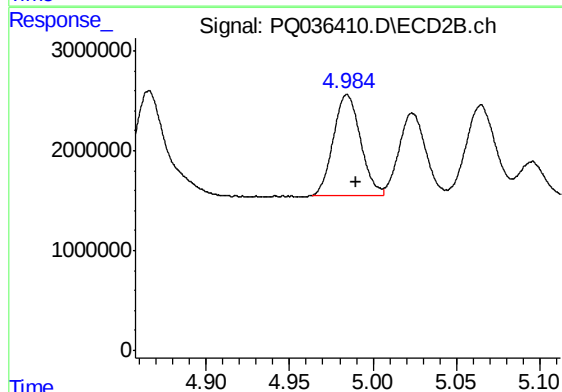
R.T.: 4.809 min
Delta R.T.: -0.006 min
Response: 22044938
Conc: 489.33 ng/ml



#13 AR-1232-3

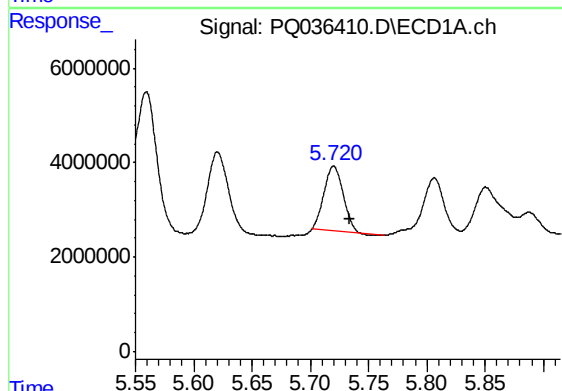
R.T.: 5.559 min
Delta R.T.: -0.013 min
Response: 38988965
Conc: 484.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



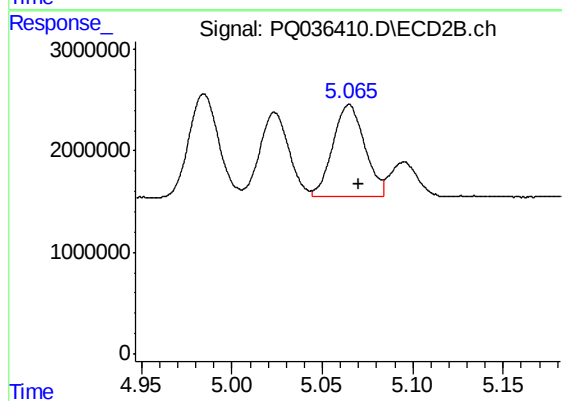
#13 AR-1232-3

R.T.: 4.985 min
Delta R.T.: -0.006 min
Response: 11444221
Conc: 504.96 ng/ml



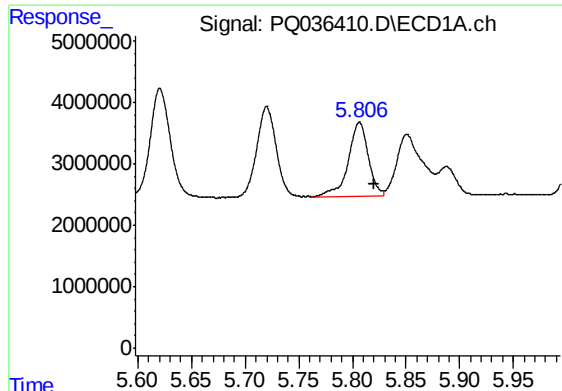
#14 AR-1232-4

R.T.: 5.720 min
Delta R.T.: -0.014 min
Response: 15540784
Conc: 404.32 ng/ml



#14 AR-1232-4

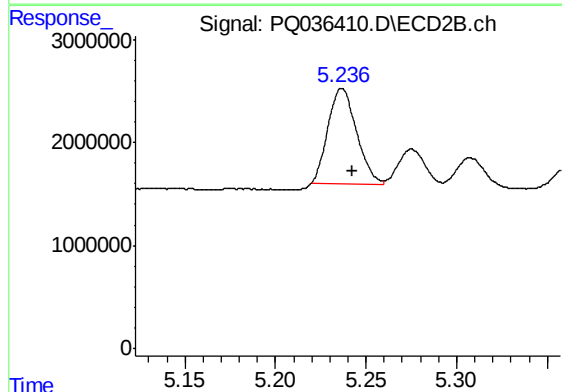
R.T.: 5.065 min
Delta R.T.: -0.006 min
Response: 11158087
Conc: 542.13 ng/ml



#15 AR-1232-5

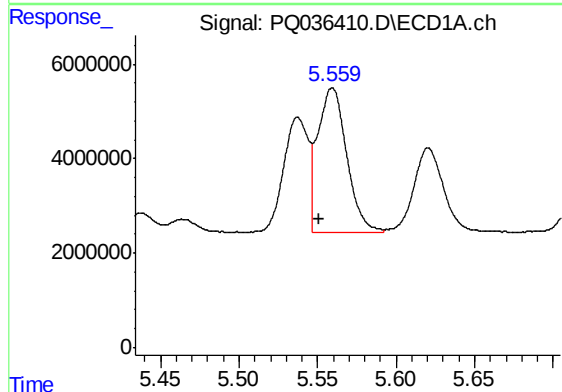
R.T.: 5.807 min
Delta R.T.: -0.013 min
Response: 15847591
Conc: 553.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



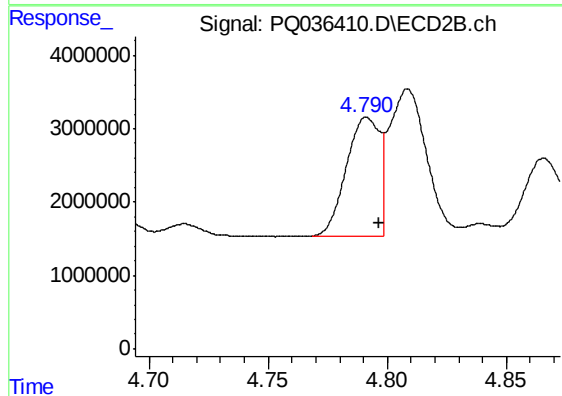
#15 AR-1232-5

R.T.: 5.237 min
Delta R.T.: -0.006 min
Response: 10195419
Conc: 464.90 ng/ml



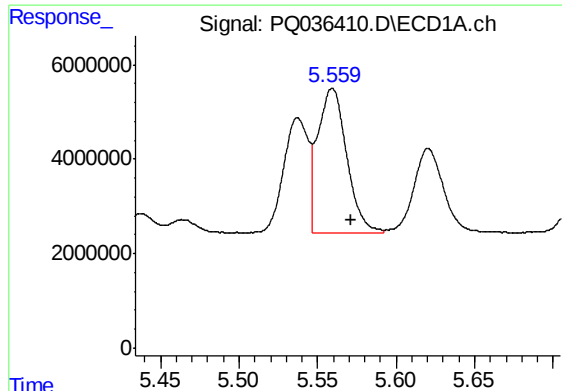
#16 AR-1242-1

R.T.: 5.559 min
Delta R.T.: 0.009 min
Response: 38988965
Conc: 392.17 ng/ml



#16 AR-1242-1

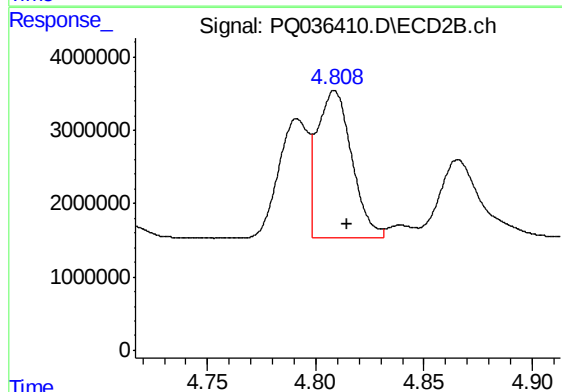
R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 15556293
Conc: 269.82 ng/ml



#17 AR-1242-2

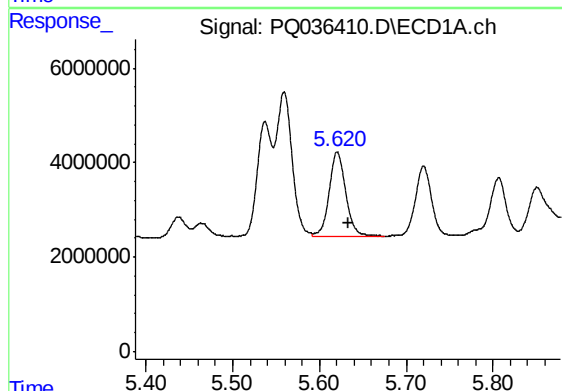
R.T.: 5.559 min
Delta R.T.: -0.012 min
Response: 38988965
Conc: 258.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



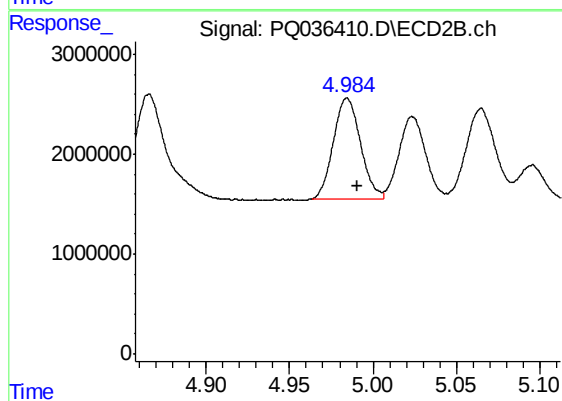
#17 AR-1242-2

R.T.: 4.809 min
Delta R.T.: -0.006 min
Response: 22044938
Conc: 270.32 ng/ml



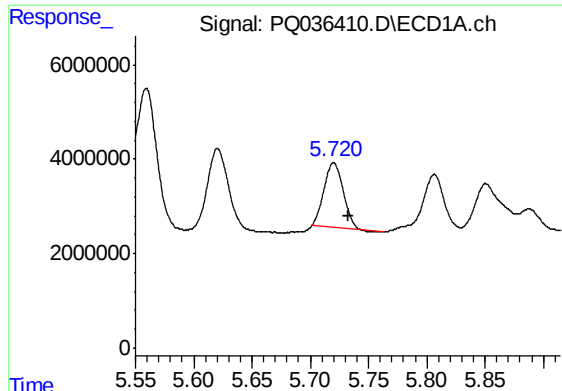
#18 AR-1242-3

R.T.: 5.621 min
Delta R.T.: -0.013 min
Response: 23577912
Conc: 265.85 ng/ml



#18 AR-1242-3

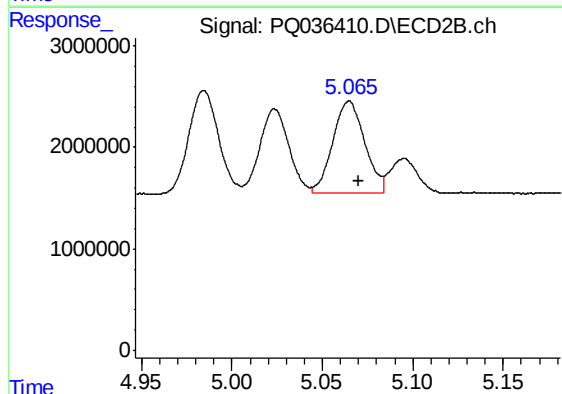
R.T.: 4.985 min
Delta R.T.: -0.006 min
Response: 11444221
Conc: 267.72 ng/ml



#19 AR-1242-4

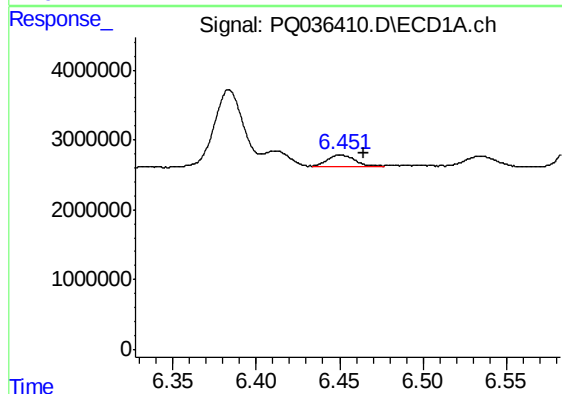
R.T.: 5.720 min
Delta R.T.: -0.013 min
Response: 15540784
Conc: 213.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



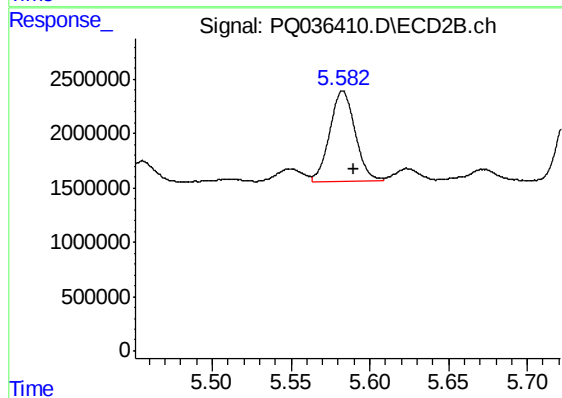
#19 AR-1242-4

R.T.: 5.065 min
Delta R.T.: -0.005 min
Response: 11158087
Conc: 262.21 ng/ml



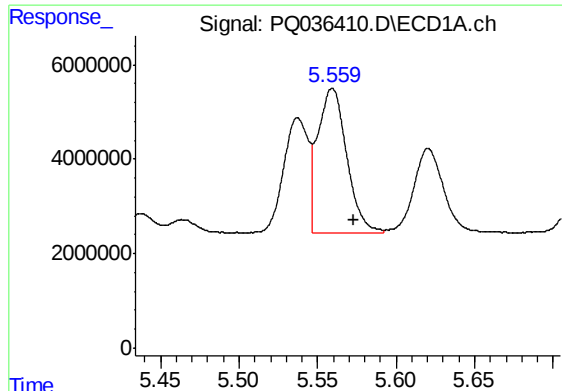
#20 AR-1242-5

R.T.: 6.450 min
Delta R.T.: -0.014 min
Response: 1914387
Conc: 24.12 ng/ml



#20 AR-1242-5

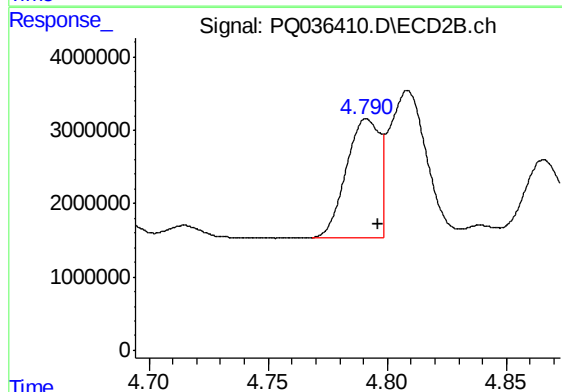
R.T.: 5.583 min
Delta R.T.: -0.007 min
Response: 9344275
Conc: 172.03 ng/ml



#21 AR-1248-1

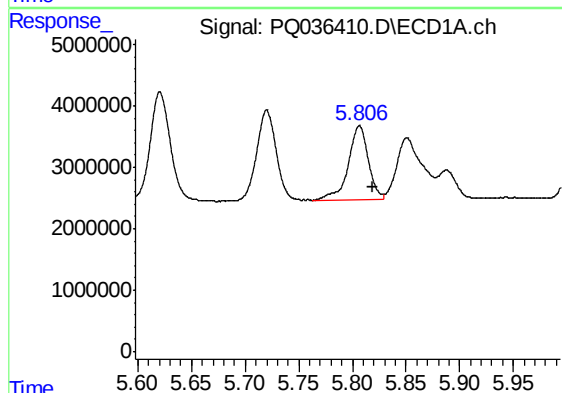
R.T.: 5.559 min
Delta R.T.: -0.013 min
Response: 38988965
Conc: 389.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



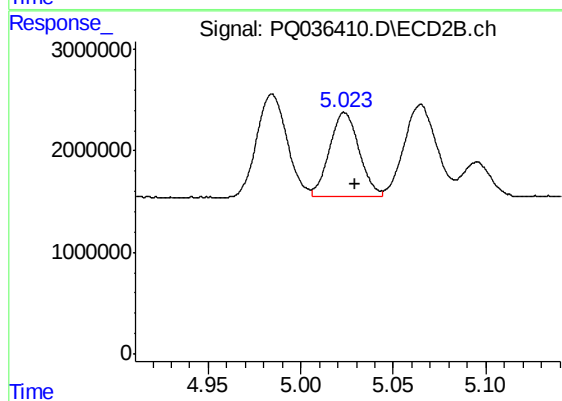
#21 AR-1248-1

R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 15556293
Conc: 331.49 ng/ml



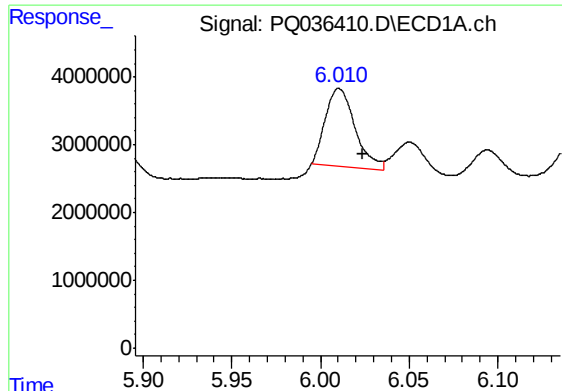
#22 AR-1248-2

R.T.: 5.807 min
Delta R.T.: -0.013 min
Response: 15847591
Conc: 141.87 ng/ml



#22 AR-1248-2

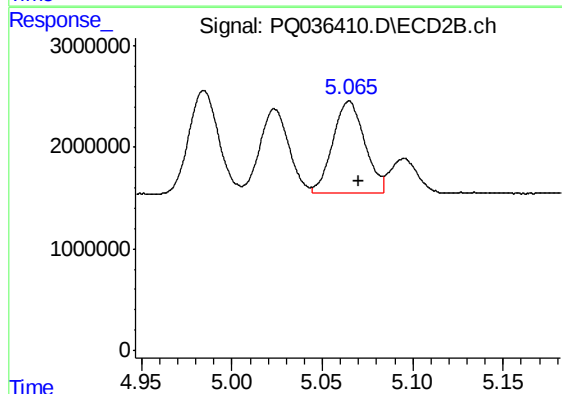
R.T.: 5.024 min
Delta R.T.: -0.006 min
Response: 9251800
Conc: 147.41 ng/ml



#23 AR-1248-3

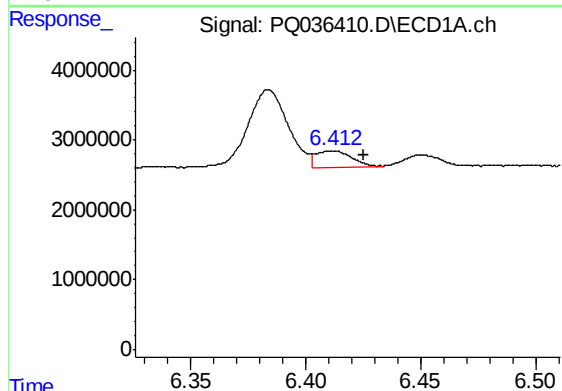
R.T.: 6.010 min
Delta R.T.: -0.013 min
Response: 13239773
Conc: 105.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



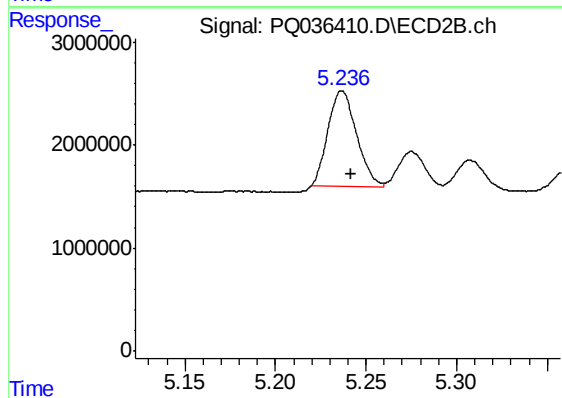
#23 AR-1248-3

R.T.: 5.065 min
Delta R.T.: -0.005 min
Response: 11158087
Conc: 173.67 ng/ml



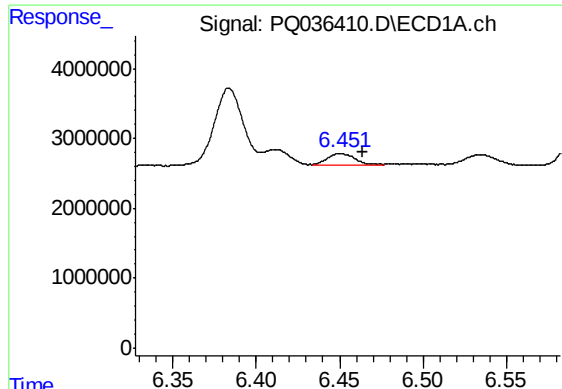
#24 AR-1248-4

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 2651439
Conc: 18.60 ng/ml



#24 AR-1248-4

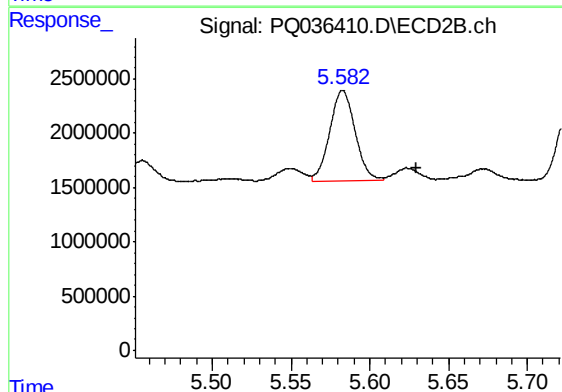
R.T.: 5.237 min
Delta R.T.: -0.005 min
Response: 10195419
Conc: 132.73 ng/ml



#25 AR-1248-5

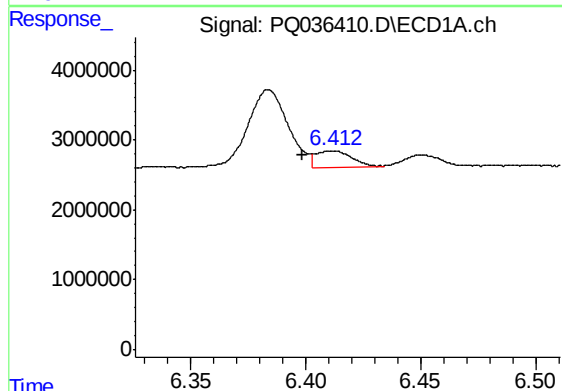
R.T.: 6.450 min
Delta R.T.: -0.014 min
Response: 1914387
Conc: 14.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



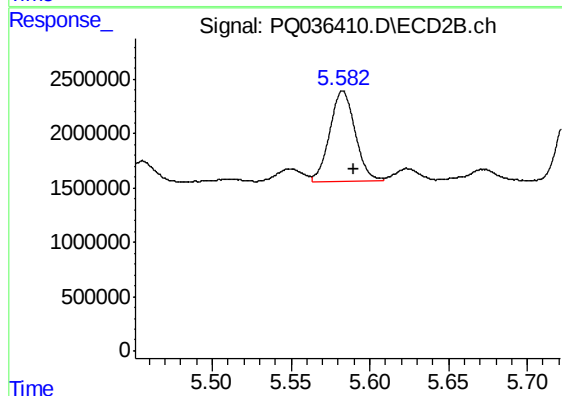
#25 AR-1248-5

R.T.: 5.583 min
Delta R.T.: -0.047 min
Response: 9344275
Conc: 122.44 ng/ml



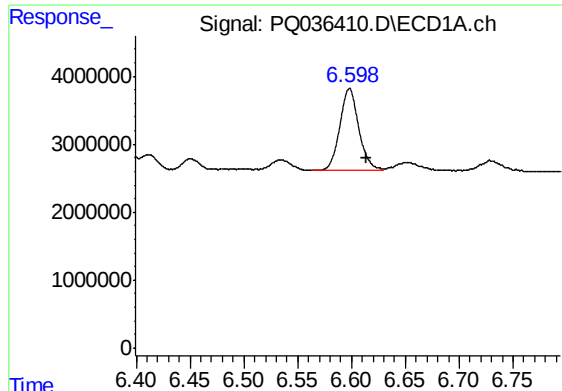
#26 AR-1254-1

R.T.: 6.412 min
Delta R.T.: 0.013 min
Response: 2651439
Conc: 19.50 ng/ml



#26 AR-1254-1

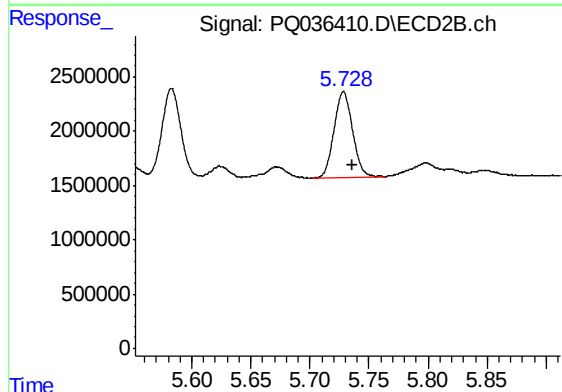
R.T.: 5.583 min
Delta R.T.: -0.007 min
Response: 9344275
Conc: 89.34 ng/ml



#27 AR-1254-2

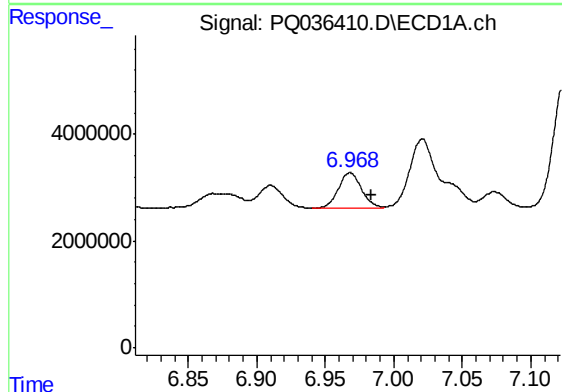
R.T.: 6.598 min
Delta R.T.: -0.016 min
Response: 14958969
Conc: 70.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



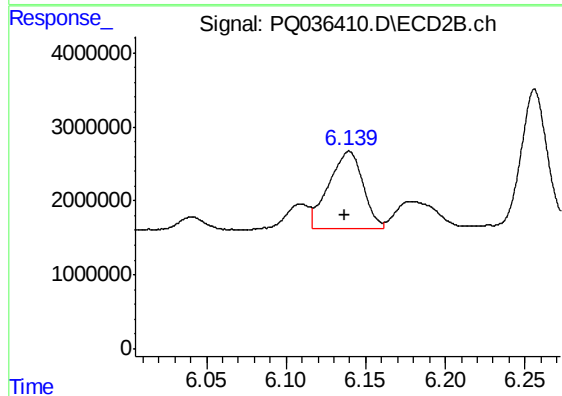
#27 AR-1254-2

R.T.: 5.728 min
Delta R.T.: -0.007 min
Response: 8687384
Conc: 95.07 ng/ml



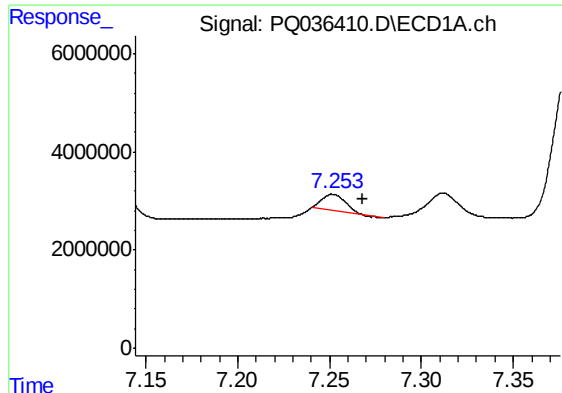
#28 AR-1254-3

R.T.: 6.968 min
Delta R.T.: -0.015 min
Response: 7705642
Conc: 32.83 ng/ml



#28 AR-1254-3

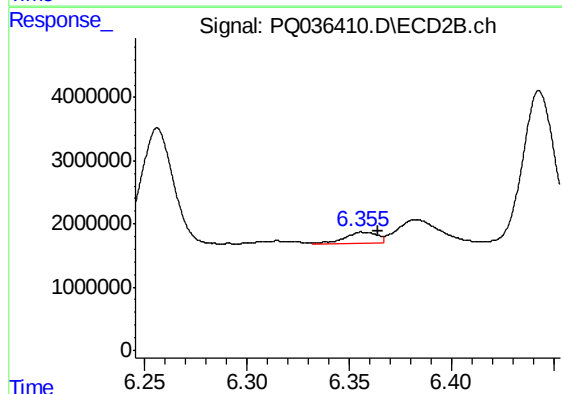
R.T.: 6.140 min
Delta R.T.: 0.003 min
Response: 15568692
Conc: 97.79 ng/ml



#29 AR-1254-4

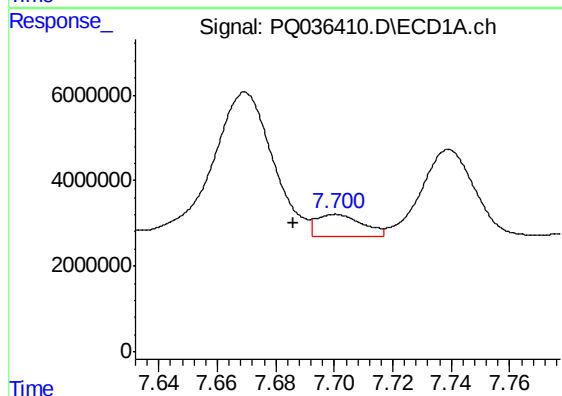
R.T.: 7.252 min
Delta R.T.: -0.016 min
Response: 2750809
Conc: 15.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



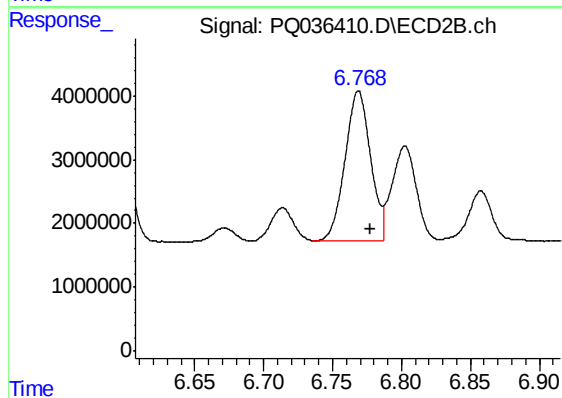
#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: -0.007 min
Response: 1895354
Conc: 18.06 ng/ml



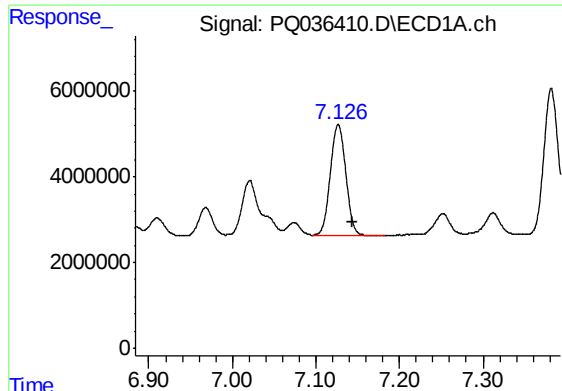
#30 AR-1254-5

R.T.: 7.700 min
Delta R.T.: 0.015 min
Response: 5510759
Conc: 26.91 ng/ml



#30 AR-1254-5

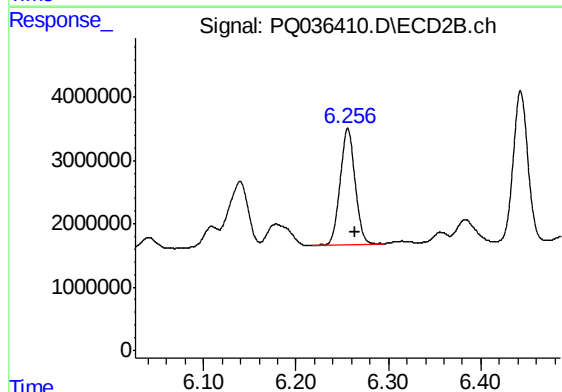
R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 30497394
Conc: 209.96 ng/ml



#31 AR-1260-1

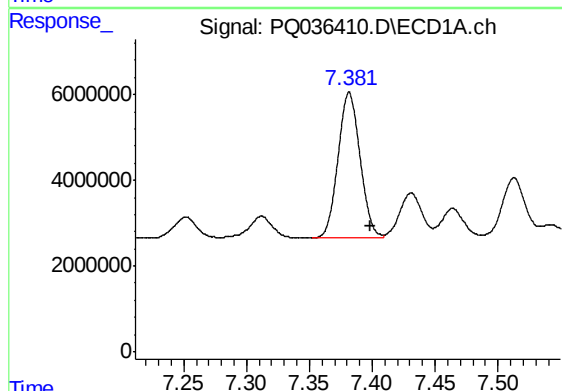
R.T.: 7.127 min
Delta R.T.: -0.016 min
Response: 33294807
Conc: 174.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



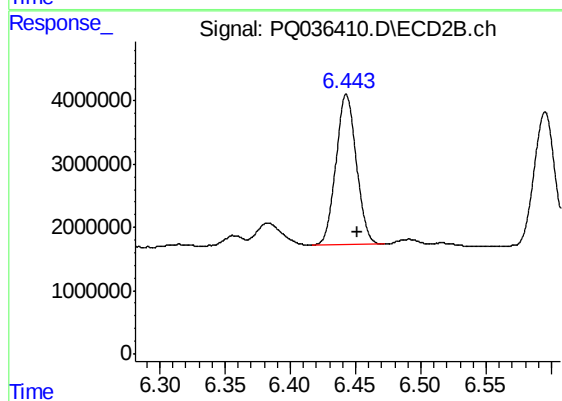
#31 AR-1260-1

R.T.: 6.256 min
Delta R.T.: -0.007 min
Response: 20949089
Conc: 175.93 ng/ml



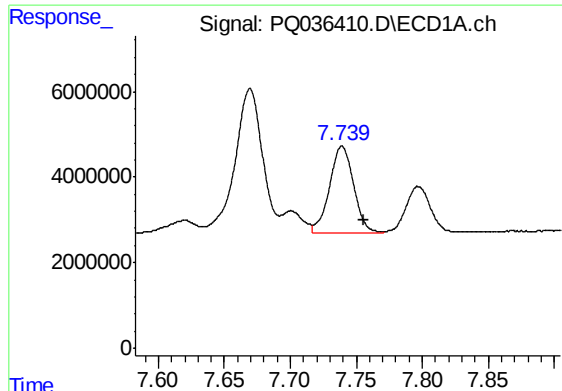
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: -0.017 min
Response: 41460327
Conc: 180.66 ng/ml



#32 AR-1260-2

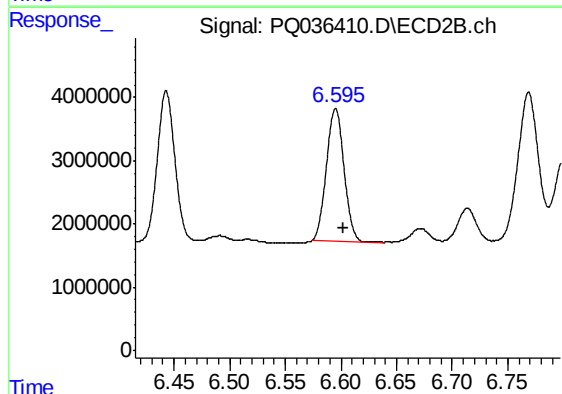
R.T.: 6.443 min
Delta R.T.: -0.008 min
Response: 26042265
Conc: 181.39 ng/ml



#33 AR-1260-3

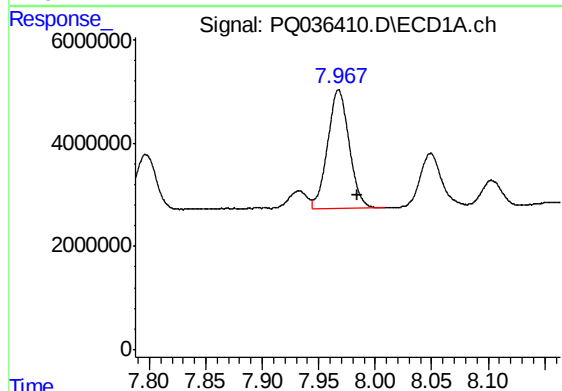
R.T.: 7.739 min
Delta R.T.: -0.016 min
Response: 25458235
Conc: 180.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



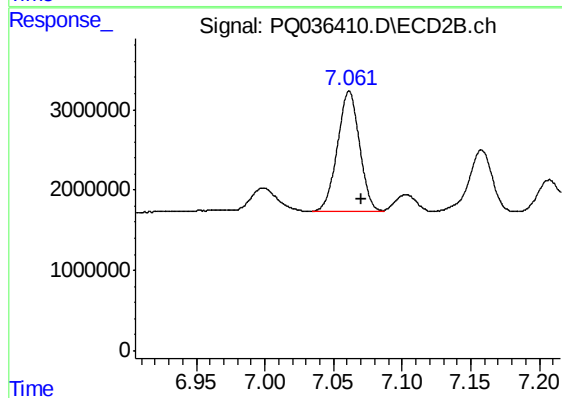
#33 AR-1260-3

R.T.: 6.595 min
Delta R.T.: -0.007 min
Response: 23119303
Conc: 175.10 ng/ml



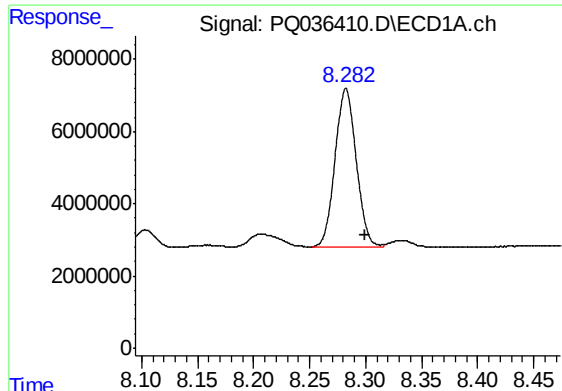
#34 AR-1260-4

R.T.: 7.968 min
Delta R.T.: -0.017 min
Response: 30529340
Conc: 177.06 ng/ml



#34 AR-1260-4

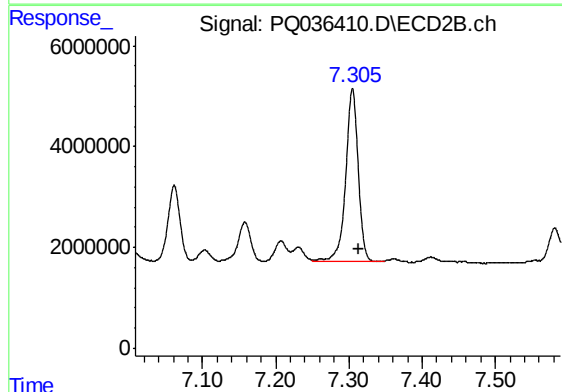
R.T.: 7.061 min
Delta R.T.: -0.009 min
Response: 16945787
Conc: 188.52 ng/ml



#35 AR-1260-5

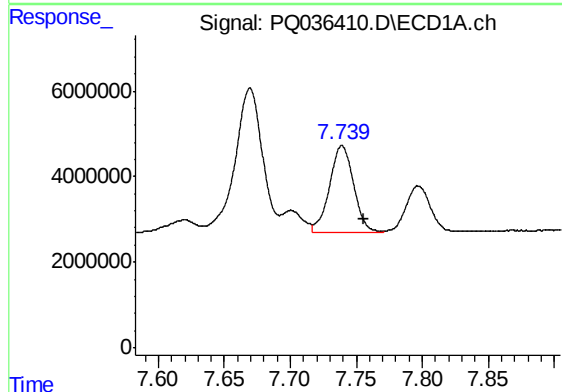
R.T.: 8.282 min
Delta R.T.: -0.018 min
Response: 58211586
Conc: 173.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



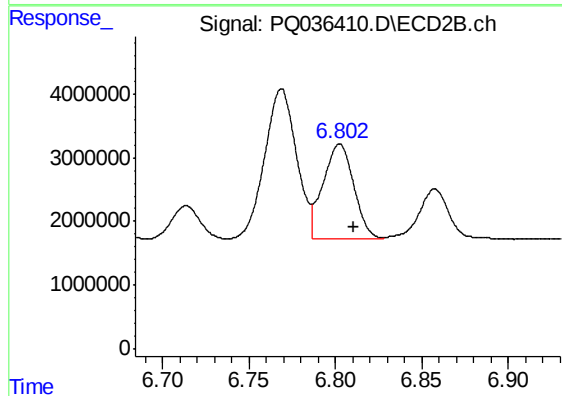
#35 AR-1260-5

R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 41018326
Conc: 185.66 ng/ml



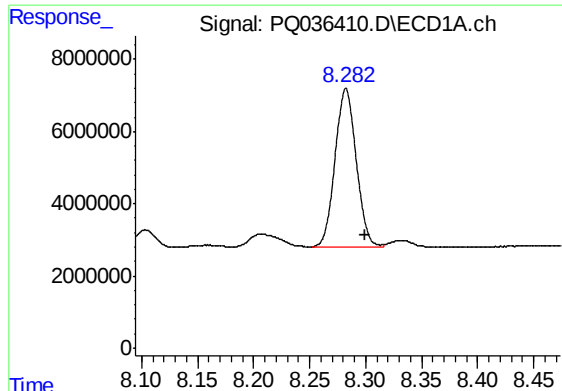
#36 AR-1262-1

R.T.: 7.739 min
Delta R.T.: -0.016 min
Response: 25458235
Conc: 108.64 ng/ml



#36 AR-1262-1

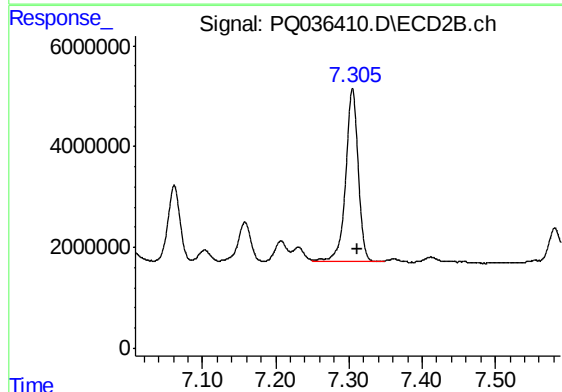
R.T.: 6.803 min
Delta R.T.: -0.008 min
Response: 18614436
Conc: 120.75 ng/ml



#37 AR-1262-2

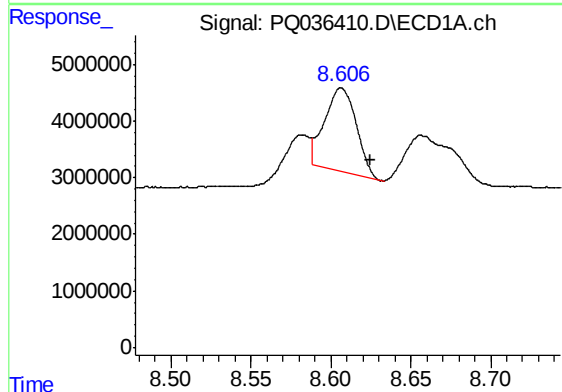
R.T.: 8.282 min
Delta R.T.: -0.017 min
Response: 58211586
Conc: 135.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



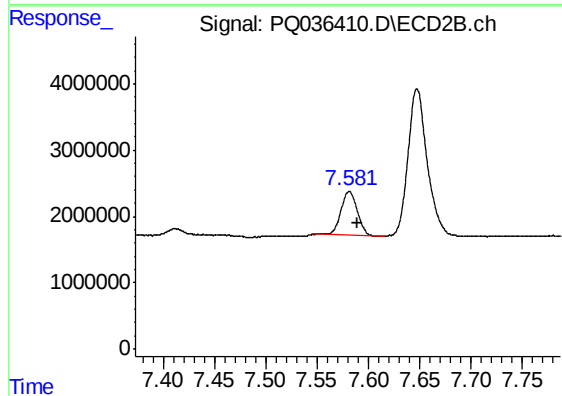
#37 AR-1262-2

R.T.: 7.305 min
Delta R.T.: -0.007 min
Response: 41018326
Conc: 147.34 ng/ml



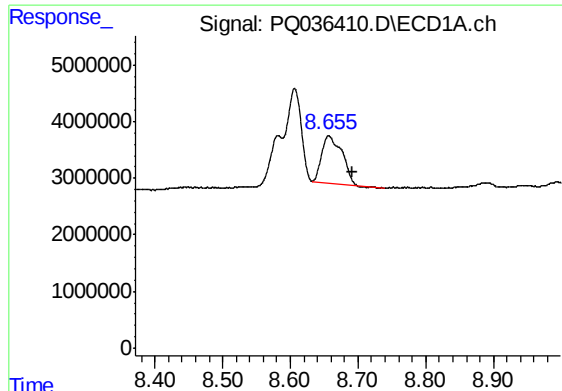
#38 AR-1262-3

R.T.: 8.606 min
Delta R.T.: -0.018 min
Response: 20238672
Conc: 217.48 ng/ml



#38 AR-1262-3

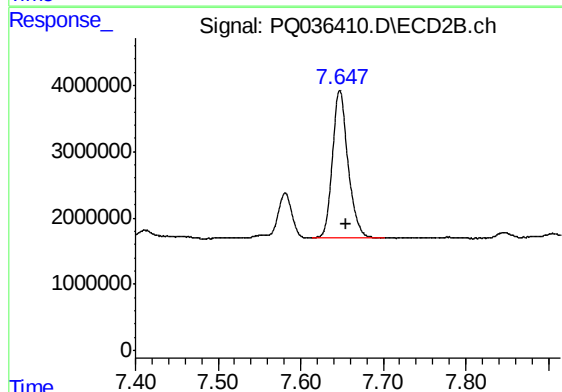
R.T.: 7.581 min
Delta R.T.: -0.008 min
Response: 7447291
Conc: 71.84 ng/ml



#39 AR-1262-4

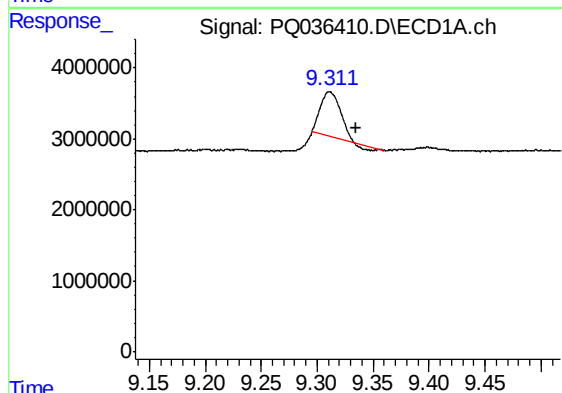
R.T.: 8.657 min
Delta R.T.: -0.035 min
Response: 17104446
Conc: 82.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



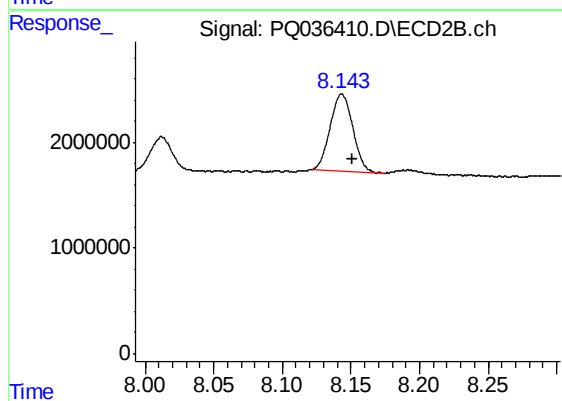
#39 AR-1262-4

R.T.: 7.648 min
Delta R.T.: -0.008 min
Response: 29005996
Conc: 145.74 ng/ml



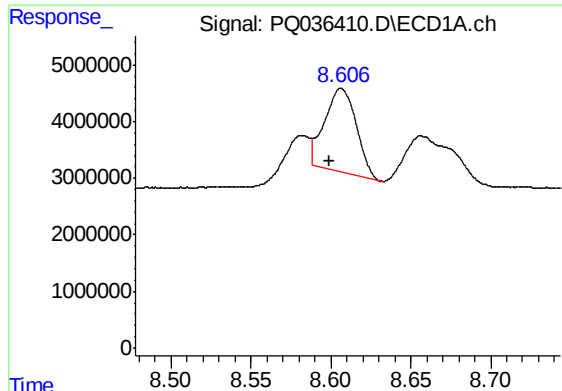
#40 AR-1262-5

R.T.: 9.311 min
Delta R.T.: -0.023 min
Response: 7426980
Conc: 51.12 ng/ml



#40 AR-1262-5

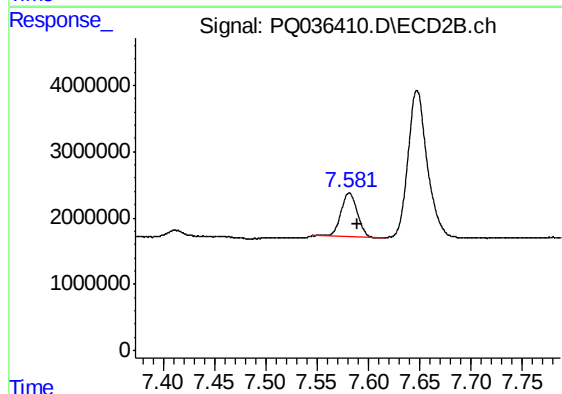
R.T.: 8.143 min
Delta R.T.: -0.008 min
Response: 8380435
Conc: 95.31 ng/ml



#41 AR-1268-1

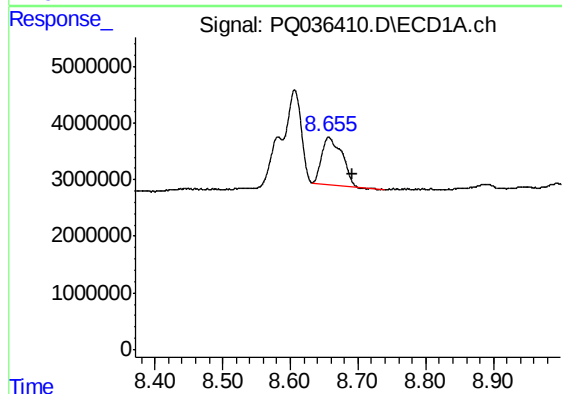
R.T.: 8.606 min
Delta R.T.: 0.007 min
Response: 20238672
Conc: 39.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



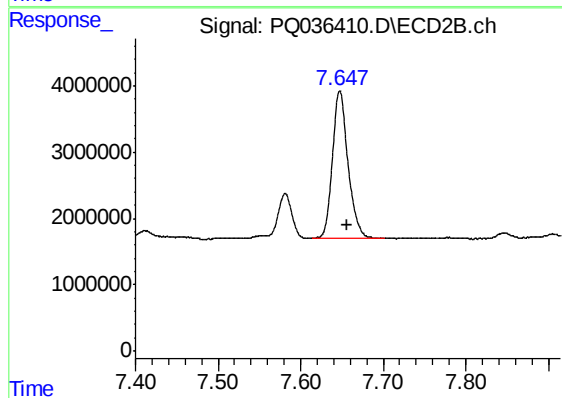
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: -0.008 min
Response: 7447291
Conc: 23.44 ng/ml



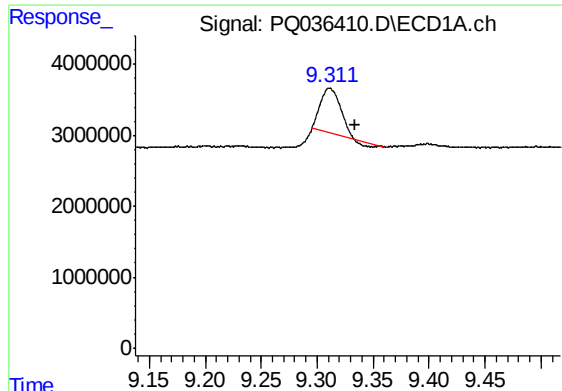
#42 AR-1268-2

R.T.: 8.657 min
Delta R.T.: -0.035 min
Response: 17104446
Conc: 35.77 ng/ml



#42 AR-1268-2

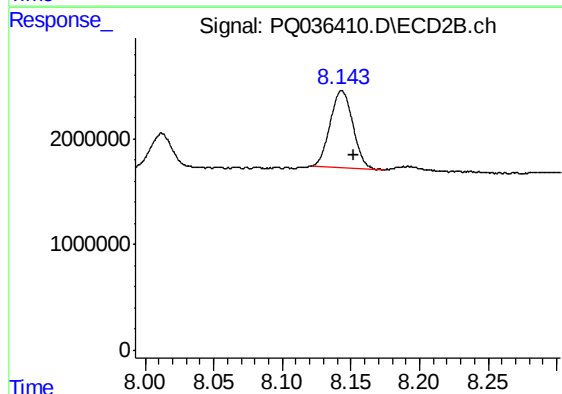
R.T.: 7.648 min
Delta R.T.: -0.009 min
Response: 29005996
Conc: 100.73 ng/ml



#44 AR-1268-4

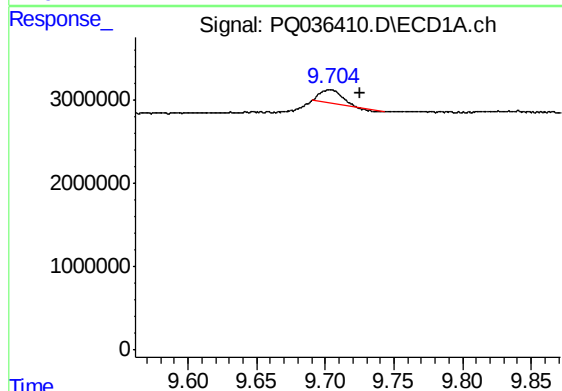
R.T.: 9.311 min
Delta R.T.: -0.023 min
Response: 7426980
Conc: 45.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
P-1MS



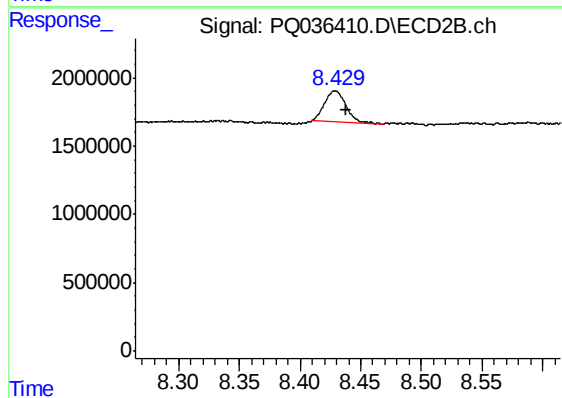
#44 AR-1268-4

R.T.: 8.143 min
Delta R.T.: -0.009 min
Response: 8380435
Conc: 84.29 ng/ml



#45 AR-1268-5

R.T.: 9.703 min
Delta R.T.: -0.022 min
Response: 1736177
Conc: 1.28 ng/ml



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: -0.009 min
Response: 2698240
Conc: 3.59 ng/ml