

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040919\
 Data File : PQ038959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2019 15:33
 Operator : AJ\SJ
 Sample : K2304-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF890

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 00:44:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 05 05:12:40 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...	5.714	4.808	132.5E6	71747245	27.648	31.494
2)	SA Decachlor...	12.124	10.576	198.9E6	103.5E6	30.079	30.406
Target Compounds							
3)	L1 AR-1016-1	7.186	6.285	66596972	37153659	246.273	249.217
4)	L1 AR-1016-2	7.186	6.285	66596972	37153659	164.586	171.309
5)	L1 AR-1016-3	7.258	6.499	27139490	14832425	106.042	131.526
6)	L1 AR-1016-4	7.371	6.553	30113968	13020665	144.119	150.641
7)	L1 AR-1016-5	7.705	6.806	34988764	21743470	162.522	168.398
8)	L2 AR-1221-1	6.038	5.108	709075	669729	12.232	23.046 #
9)	L2 AR-1221-2	6.107	5.230	3280912	1387799	81.685	66.616
10)	L2 AR-1221-3	6.200	5.337	4060301	2057039	28.759	28.016
11)	L3 AR-1232-1	6.200	5.337	4060301	2057039	41.870	39.912
12)	L3 AR-1232-2	6.845	6.285	26170232	37153659	466.887	638.448 #
13)	L3 AR-1232-3	7.186	6.499	66596972	14832425	624.822	488.092
14)	L3 AR-1232-4	7.371	6.602	30113968	18615681	544.137	666.344
15)	L3 AR-1232-5	7.476	6.806	28825118	21743470	739.079	662.786
16)	L4 AR-1242-1	7.186	6.285	66596972	37153659	436.426	428.773
17)	L4 AR-1242-2	7.186	6.285	66596972	37153659	296.100	297.903
18)	L4 AR-1242-3	7.258	6.499	27139490	14832425	191.566	221.296
19)	L4 AR-1242-4	7.371	6.602	30113968	18615681	260.272	275.584
20)	L4 AR-1242-5	8.193	7.214	13167973	10279384	96.974	107.649
21)	L5 AR-1248-1	7.186	6.285	66596972	37153659	631.792	616.136
22)	L5 AR-1248-2	7.476	6.553	28825118	13020665	192.525	153.878
23)	L5 AR-1248-3	7.705	6.602	34988764	18615681	191.425	209.612
24)	L5 AR-1248-4	8.151	6.806	12608035	21743470	62.046	189.646 #
25)	L5 AR-1248-5	8.193	7.261	13167973	5567966	64.886	48.362 #
26)	L6 AR-1254-1	8.121	7.214	14647990	10279384	67.885	55.942
27)	L6 AR-1254-2	8.363	7.382	6102400	1552836	18.013	9.594 #
28)	L6 AR-1254-3	8.754	7.830	4371173	2702556	11.761	9.565
29)	L6 AR-1254-4	9.056	8.077	3738679	1108190	14.661	6.679 #
30)	L6 AR-1254-5	9.495	8.524	4267645	2122813	14.319	8.618 #
31)	L7 AR-1260-1	8.928	7.971	2018181	2095108	4.219	6.916 #
32)	L7 AR-1260-2	9.196	8.173	1624139	1588875	2.859	4.289 #
33)	L7 AR-1260-3	9.570	8.337	2526494	922156	5.799	2.631 #
34)	L7 AR-1260-4	9.808	8.836	4900960	430506	9.549	1.491 #
35)	L7 AR-1260-5	10.162	9.087	4665668	1650976	4.494	2.328 #
36)	L8 AR-1262-1	9.570	8.562	2526494	736824	6.801	2.814 #
37)	L8 AR-1262-2	10.162	9.087	4665668	1650976	7.058	3.455 #
38)	L8 AR-1262-3	10.515	9.380	1470709	434596	3.255	2.238 #
39)	L8 AR-1262-4	10.599	9.447	995243	1694808	2.775	4.602 #
40)	L8 AR-1262-5	11.313	9.974	7820797	1341523	31.432	8.881 #
41)	L9 AR-1268-1	10.515	9.380	1470709	434596	0.984	0.431 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040919\
Data File : PQ038959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2019 15:33
Operator : AJ\SJ
Sample : K2304-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

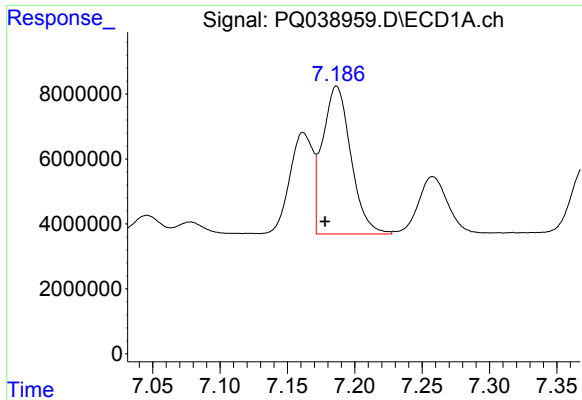
Instrument :
ECD_Q
ClientSampleId :
BF890

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 00:44:25 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 05 05:12:40 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
42)	L9 AR-1268-2	10.599	9.447	995243	1694808	0.720	1.817 #
43)	L9 AR-1268-3	10.847	9.662	1850415	929704	1.510	1.176
44)	L9 AR-1268-4	11.313	9.974	7820797	1341523	15.591	4.315 #
45)	L9 AR-1268-5	11.760	10.293	3739110	1286900	0.886	0.517 #

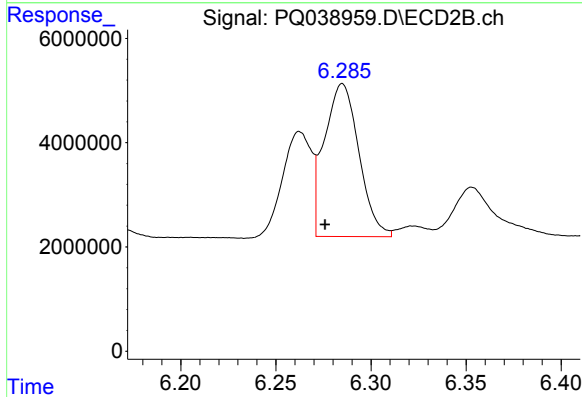
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

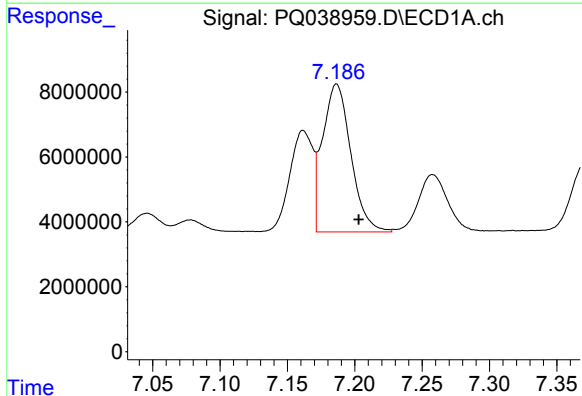
R.T.: 7.186 min
Delta R.T.: 0.008 min
Response: 66596972
Conc: 246.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



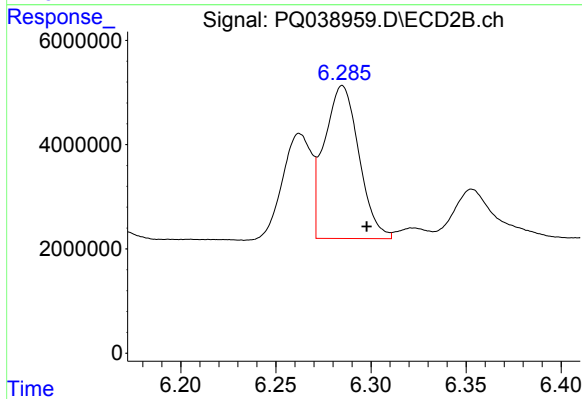
#3 AR-1016-1

R.T.: 6.285 min
Delta R.T.: 0.009 min
Response: 37153659
Conc: 249.22 ng/ml



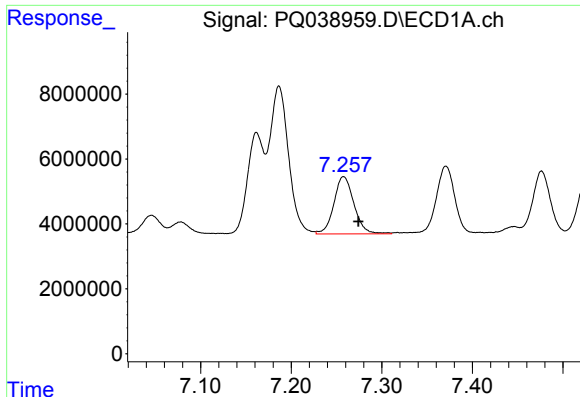
#4 AR-1016-2

R.T.: 7.186 min
Delta R.T.: -0.016 min
Response: 66596972
Conc: 164.59 ng/ml



#4 AR-1016-2

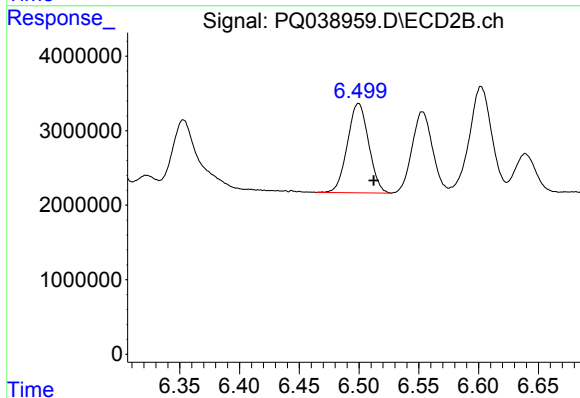
R.T.: 6.285 min
Delta R.T.: -0.013 min
Response: 37153659
Conc: 171.31 ng/ml



#5 AR-1016-3

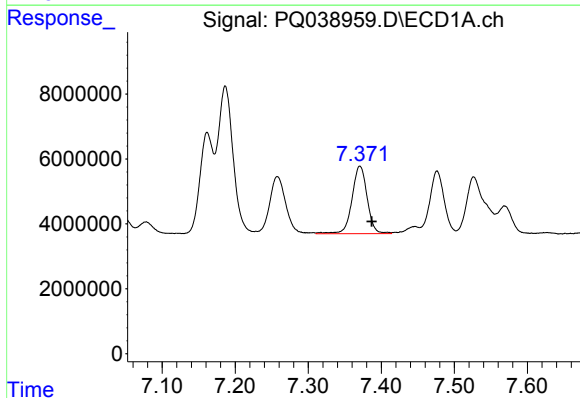
R.T.: 7.258 min
Delta R.T.: -0.016 min
Response: 27139490
Conc: 106.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



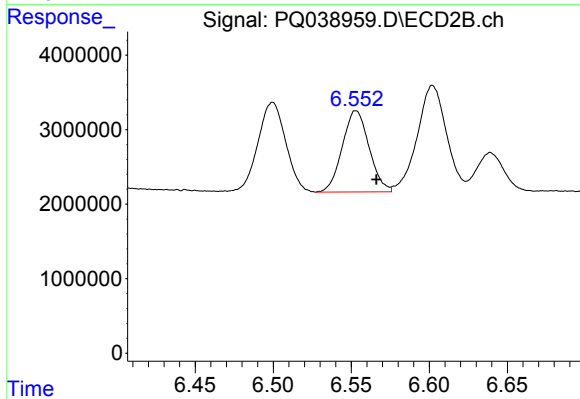
#5 AR-1016-3

R.T.: 6.499 min
Delta R.T.: -0.013 min
Response: 14832425
Conc: 131.53 ng/ml



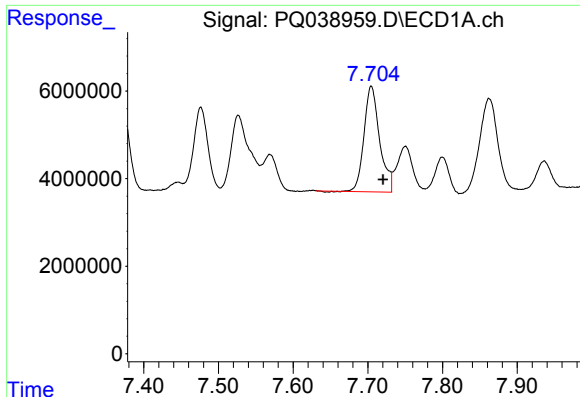
#6 AR-1016-4

R.T.: 7.371 min
Delta R.T.: -0.016 min
Response: 30113968
Conc: 144.12 ng/ml



#6 AR-1016-4

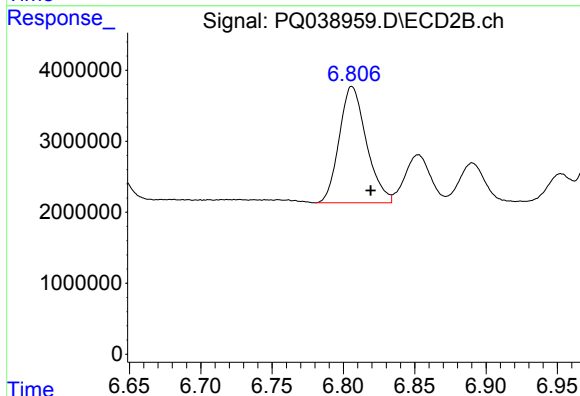
R.T.: 6.553 min
Delta R.T.: -0.013 min
Response: 13020665
Conc: 150.64 ng/ml



#7 AR-1016-5

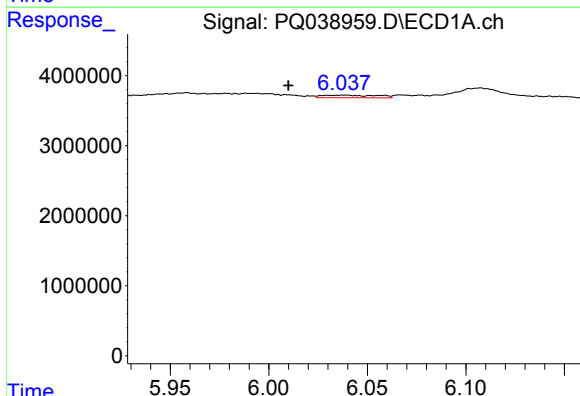
R.T.: 7.705 min
Delta R.T.: -0.016 min
Response: 34988764
Conc: 162.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



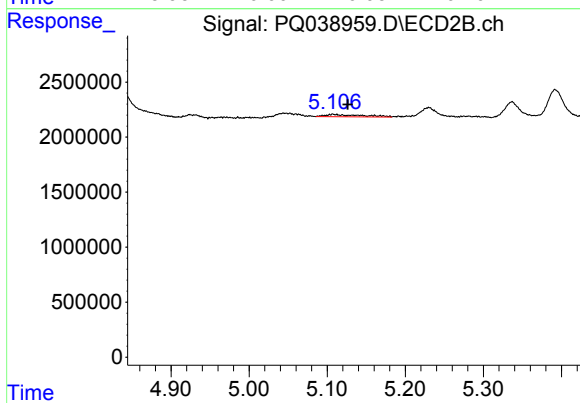
#7 AR-1016-5

R.T.: 6.806 min
Delta R.T.: -0.013 min
Response: 21743470
Conc: 168.40 ng/ml



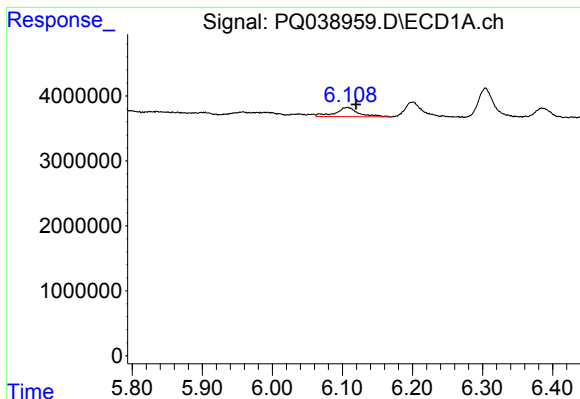
#8 AR-1221-1

R.T.: 6.038 min
Delta R.T.: 0.028 min
Response: 709075
Conc: 12.23 ng/ml



#8 AR-1221-1

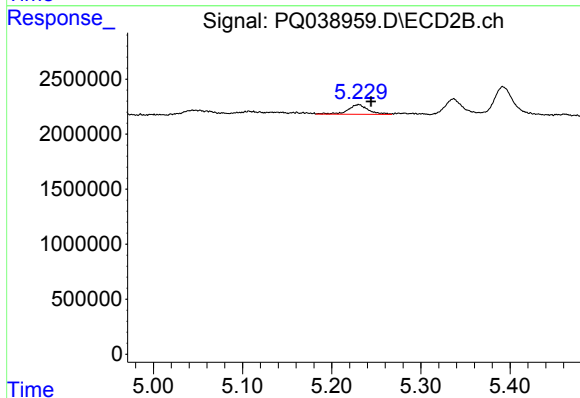
R.T.: 5.108 min
Delta R.T.: -0.019 min
Response: 669729
Conc: 23.05 ng/ml



#9 AR-1221-2

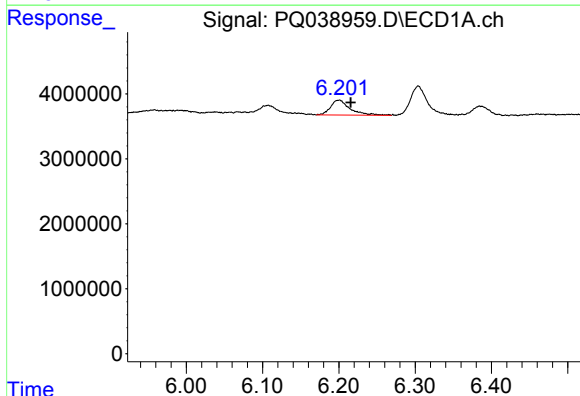
R.T.: 6.107 min
Delta R.T.: -0.013 min
Response: 3280912
Conc: 81.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



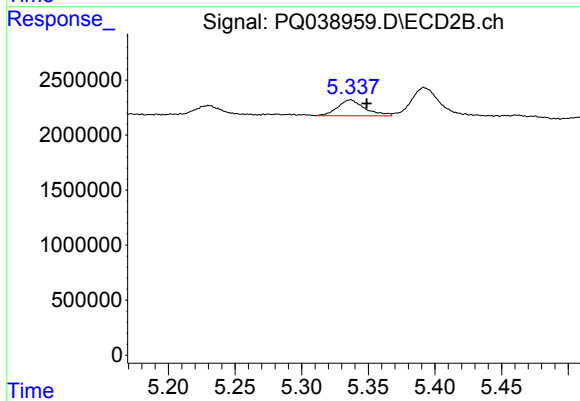
#9 AR-1221-2

R.T.: 5.230 min
Delta R.T.: -0.015 min
Response: 1387799
Conc: 66.62 ng/ml



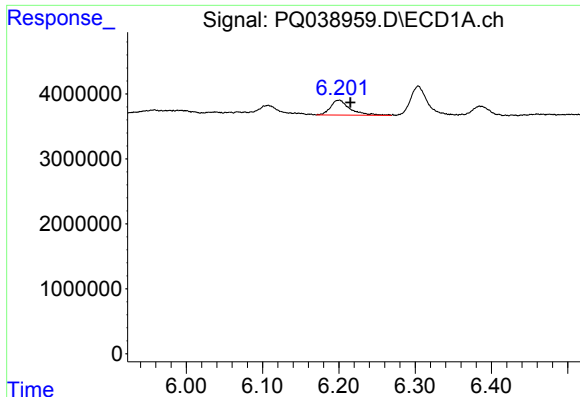
#10 AR-1221-3

R.T.: 6.200 min
Delta R.T.: -0.016 min
Response: 4060301
Conc: 28.76 ng/ml



#10 AR-1221-3

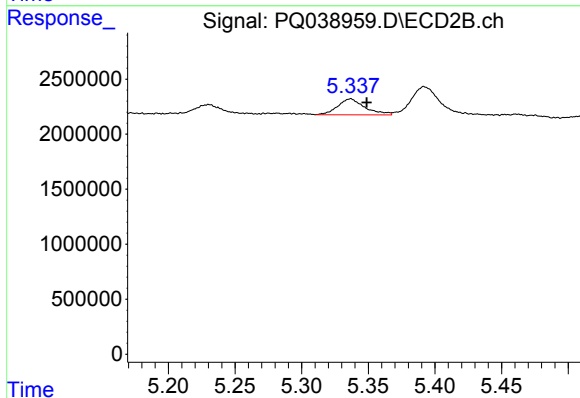
R.T.: 5.337 min
Delta R.T.: -0.012 min
Response: 2057039
Conc: 28.02 ng/ml



#11 AR-1232-1

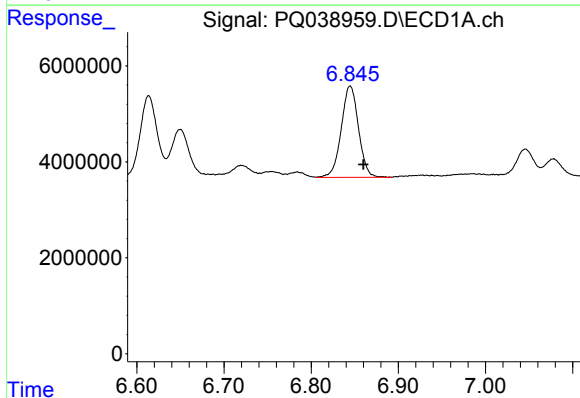
R.T.: 6.200 min
Delta R.T.: -0.015 min
Response: 4060301
Conc: 41.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



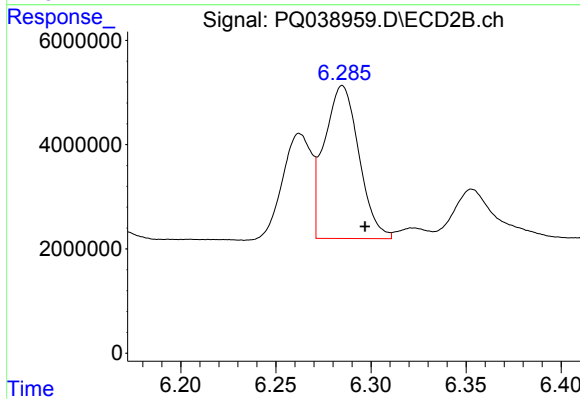
#11 AR-1232-1

R.T.: 5.337 min
Delta R.T.: -0.012 min
Response: 2057039
Conc: 39.91 ng/ml



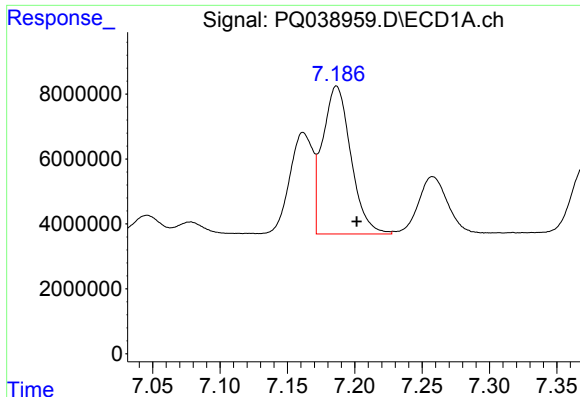
#12 AR-1232-2

R.T.: 6.845 min
Delta R.T.: -0.015 min
Response: 26170232
Conc: 466.89 ng/ml



#12 AR-1232-2

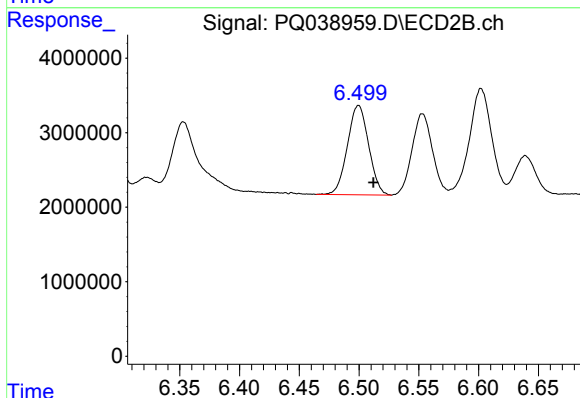
R.T.: 6.285 min
Delta R.T.: -0.012 min
Response: 37153659
Conc: 638.45 ng/ml



#13 AR-1232-3

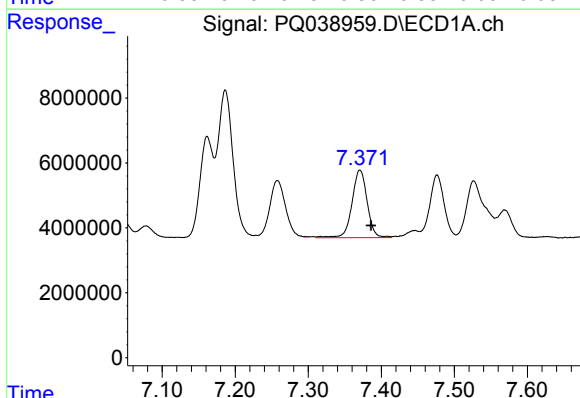
R.T.: 7.186 min
Delta R.T.: -0.015 min
Response: 66596972
Conc: 624.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



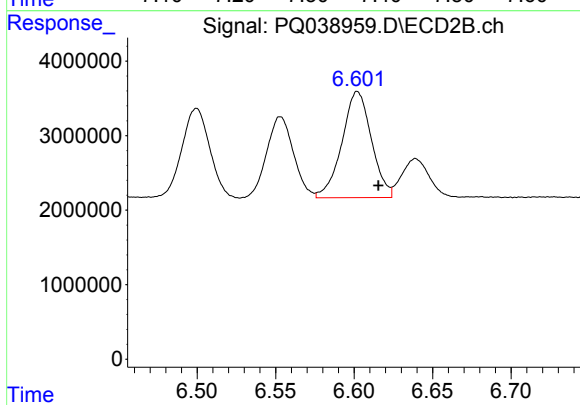
#13 AR-1232-3

R.T.: 6.499 min
Delta R.T.: -0.013 min
Response: 14832425
Conc: 488.09 ng/ml



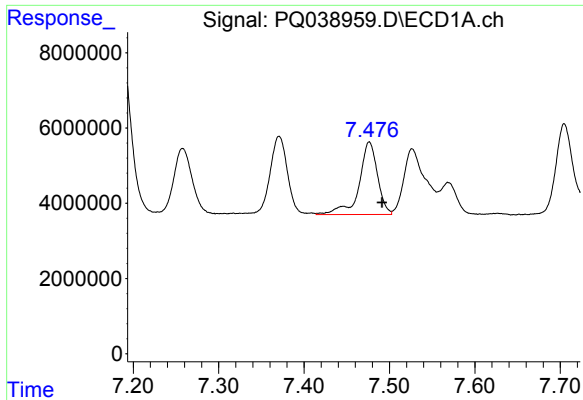
#14 AR-1232-4

R.T.: 7.371 min
Delta R.T.: -0.015 min
Response: 30113968
Conc: 544.14 ng/ml



#14 AR-1232-4

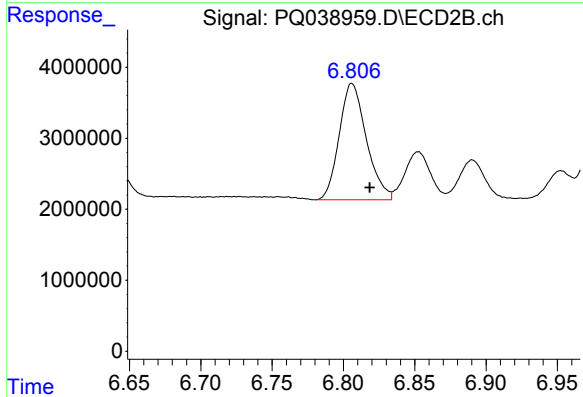
R.T.: 6.602 min
Delta R.T.: -0.013 min
Response: 18615681
Conc: 666.34 ng/ml



#15 AR-1232-5

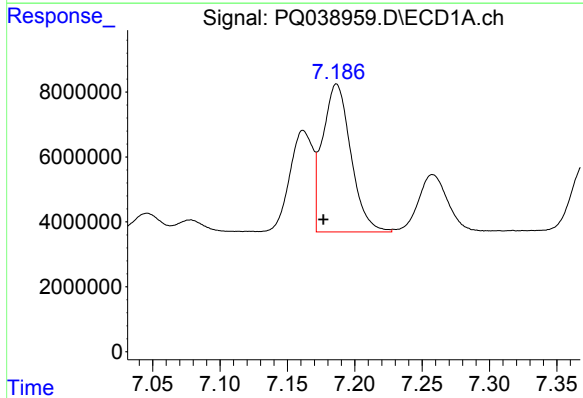
R.T.: 7.476 min
Delta R.T.: -0.015 min
Response: 28825118
Conc: 739.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



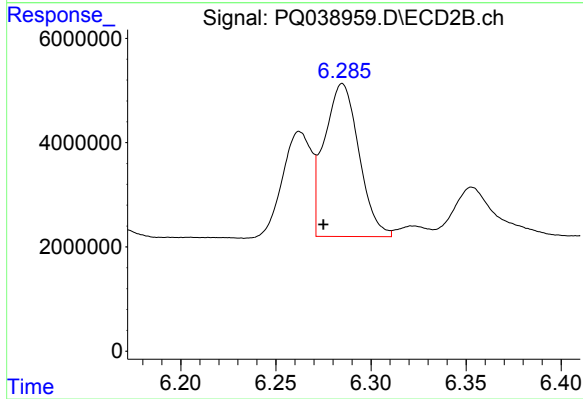
#15 AR-1232-5

R.T.: 6.806 min
Delta R.T.: -0.012 min
Response: 21743470
Conc: 662.79 ng/ml



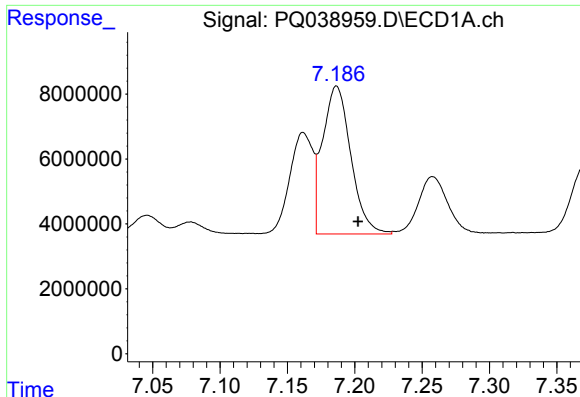
#16 AR-1242-1

R.T.: 7.186 min
Delta R.T.: 0.010 min
Response: 66596972
Conc: 436.43 ng/ml



#16 AR-1242-1

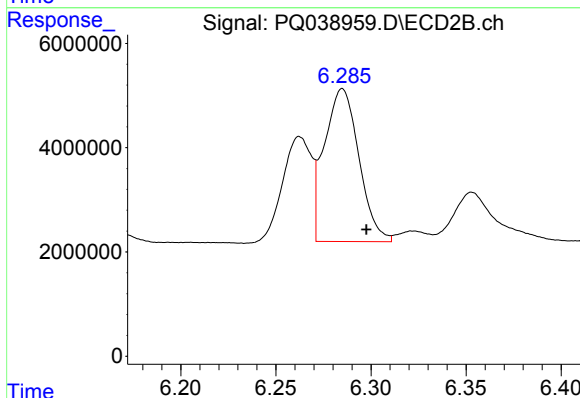
R.T.: 6.285 min
Delta R.T.: 0.010 min
Response: 37153659
Conc: 428.77 ng/ml



#17 AR-1242-2

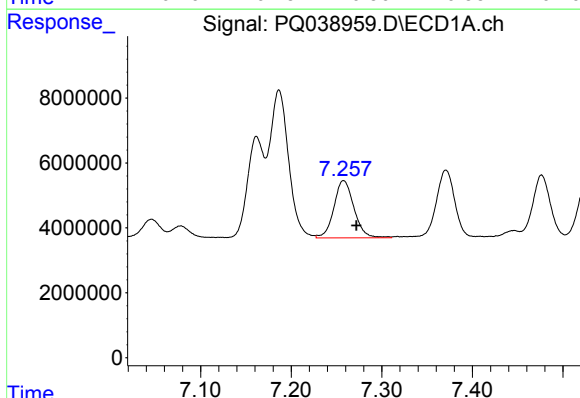
R.T.: 7.186 min
Delta R.T.: -0.016 min
Response: 66596972
Conc: 296.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



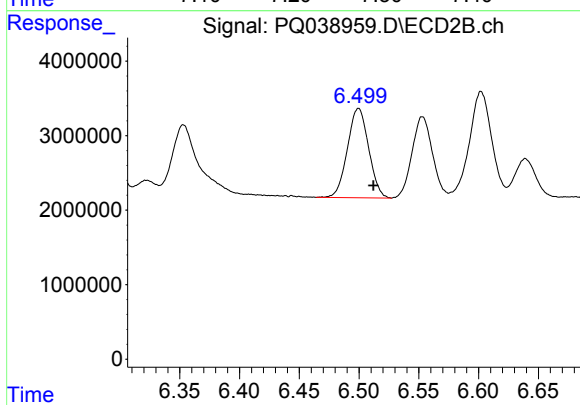
#17 AR-1242-2

R.T.: 6.285 min
Delta R.T.: -0.013 min
Response: 37153659
Conc: 297.90 ng/ml



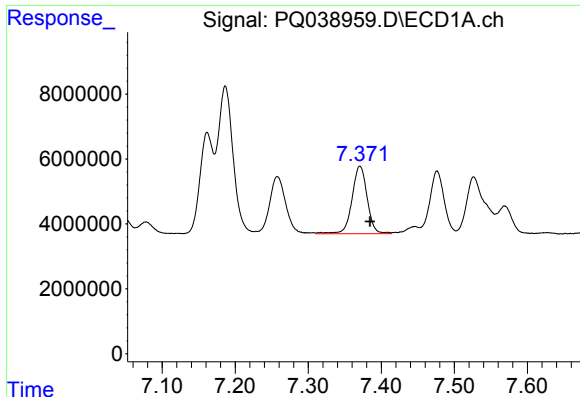
#18 AR-1242-3

R.T.: 7.258 min
Delta R.T.: -0.014 min
Response: 27139490
Conc: 191.57 ng/ml



#18 AR-1242-3

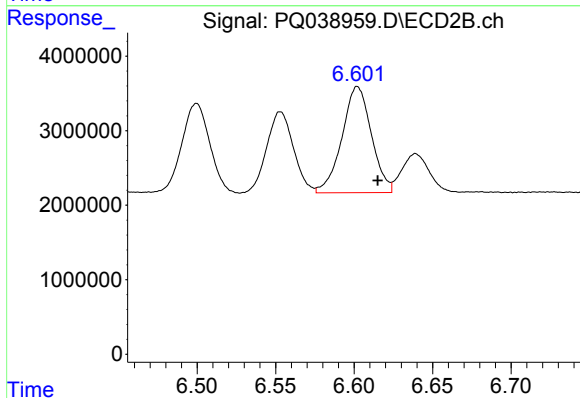
R.T.: 6.499 min
Delta R.T.: -0.013 min
Response: 14832425
Conc: 221.30 ng/ml



#19 AR-1242-4

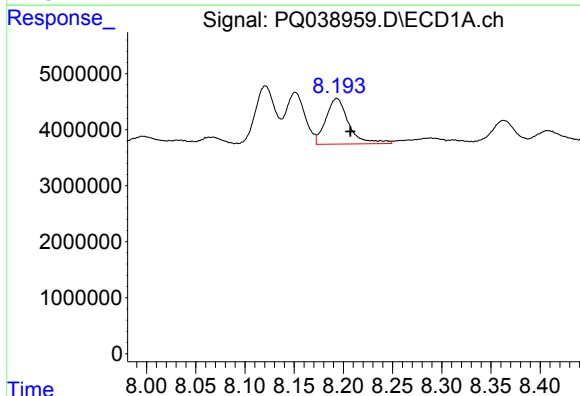
R.T.: 7.371 min
Delta R.T.: -0.014 min
Response: 30113968
Conc: 260.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



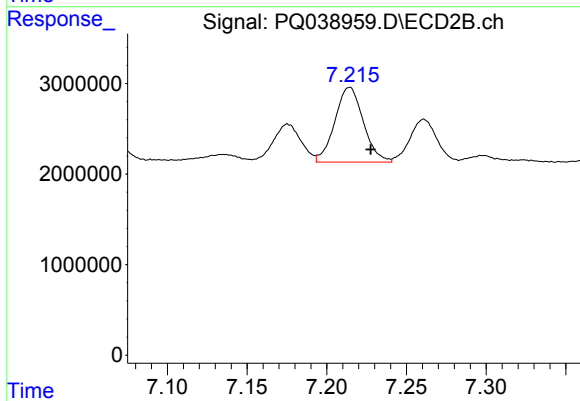
#19 AR-1242-4

R.T.: 6.602 min
Delta R.T.: -0.013 min
Response: 18615681
Conc: 275.58 ng/ml



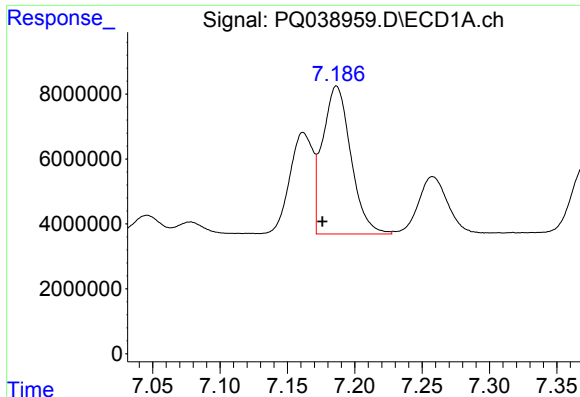
#20 AR-1242-5

R.T.: 8.193 min
Delta R.T.: -0.014 min
Response: 13167973
Conc: 96.97 ng/ml



#20 AR-1242-5

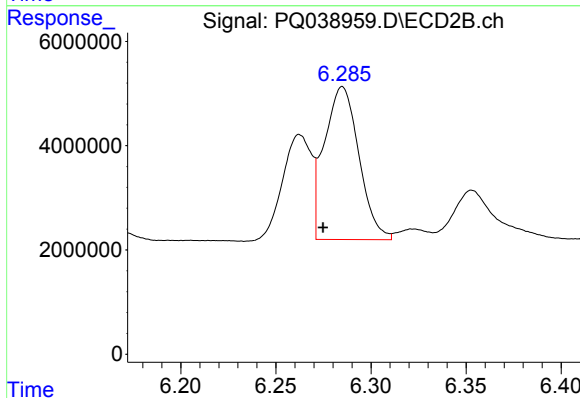
R.T.: 7.214 min
Delta R.T.: -0.013 min
Response: 10279384
Conc: 107.65 ng/ml



#21 AR-1248-1

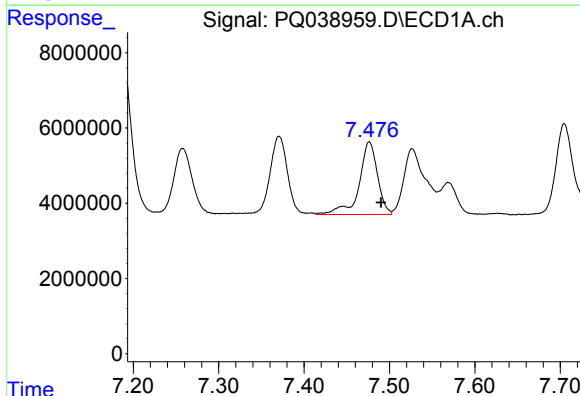
R.T.: 7.186 min
Delta R.T.: 0.010 min
Response: 66596972
Conc: 631.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



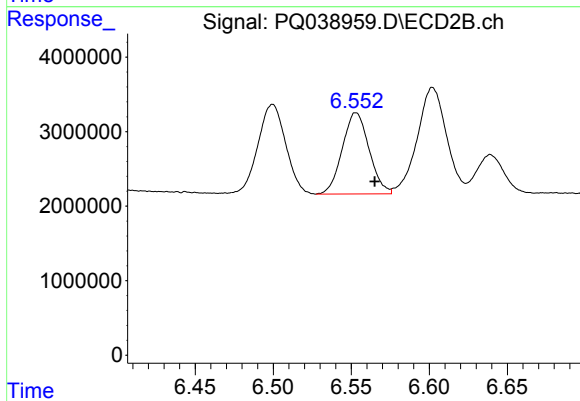
#21 AR-1248-1

R.T.: 6.285 min
Delta R.T.: 0.010 min
Response: 37153659
Conc: 616.14 ng/ml



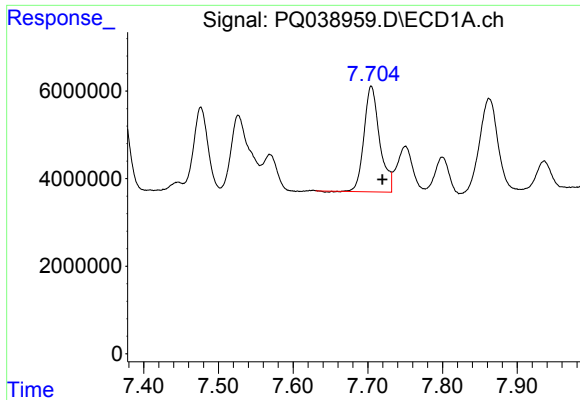
#22 AR-1248-2

R.T.: 7.476 min
Delta R.T.: -0.014 min
Response: 28825118
Conc: 192.53 ng/ml



#22 AR-1248-2

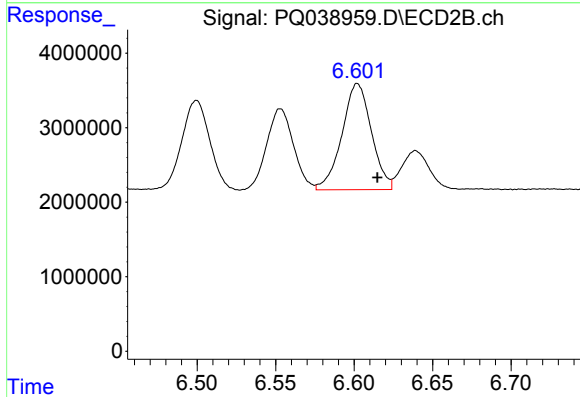
R.T.: 6.553 min
Delta R.T.: -0.012 min
Response: 13020665
Conc: 153.88 ng/ml



#23 AR-1248-3

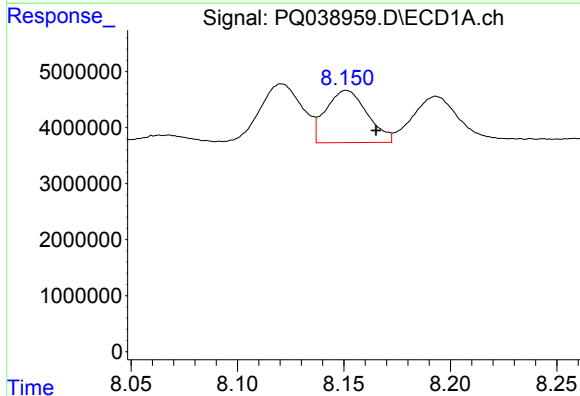
R.T.: 7.705 min
Delta R.T.: -0.015 min
Response: 34988764
Conc: 191.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



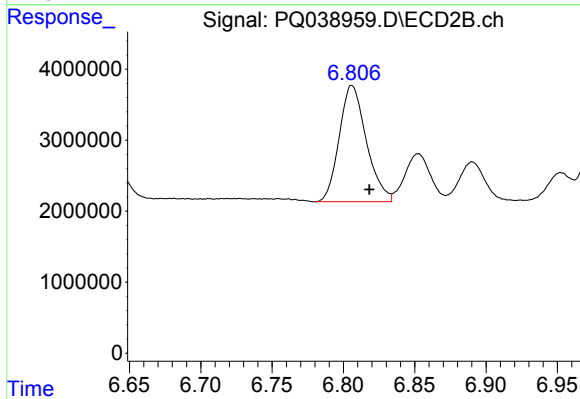
#23 AR-1248-3

R.T.: 6.602 min
Delta R.T.: -0.013 min
Response: 18615681
Conc: 209.61 ng/ml



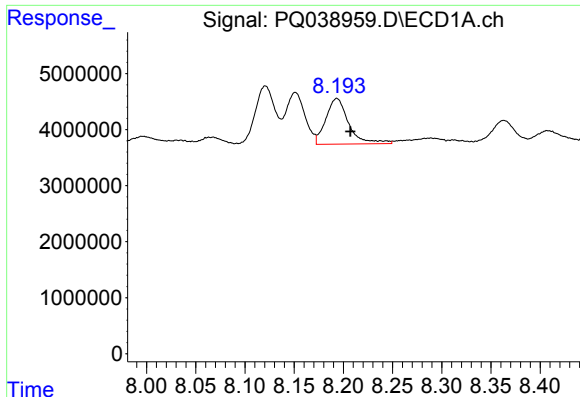
#24 AR-1248-4

R.T.: 8.151 min
Delta R.T.: -0.014 min
Response: 12608035
Conc: 62.05 ng/ml



#24 AR-1248-4

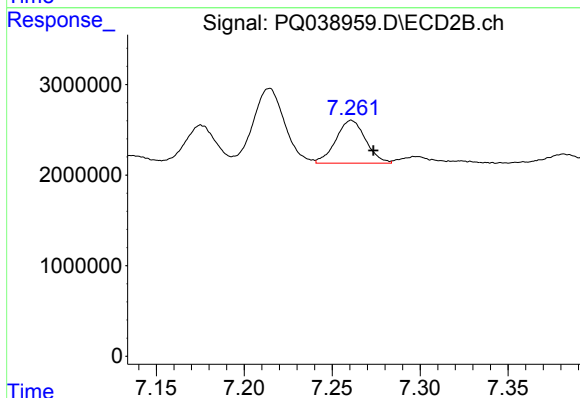
R.T.: 6.806 min
Delta R.T.: -0.012 min
Response: 21743470
Conc: 189.65 ng/ml



#25 AR-1248-5

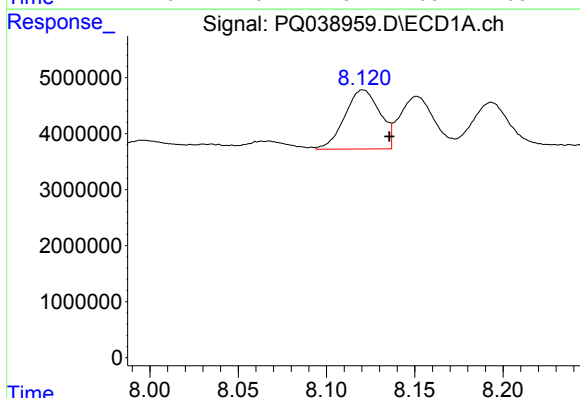
R.T.: 8.193 min
Delta R.T.: -0.014 min
Response: 13167973
Conc: 64.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



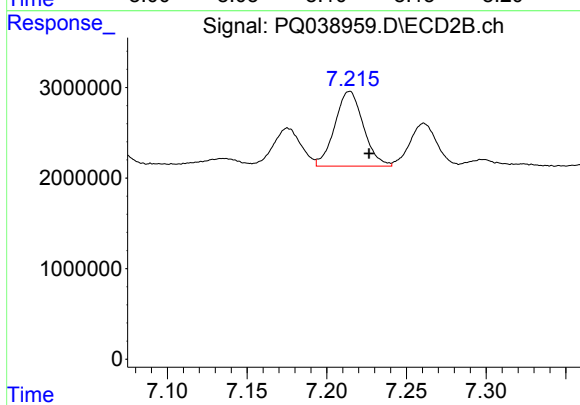
#25 AR-1248-5

R.T.: 7.261 min
Delta R.T.: -0.013 min
Response: 5567966
Conc: 48.36 ng/ml



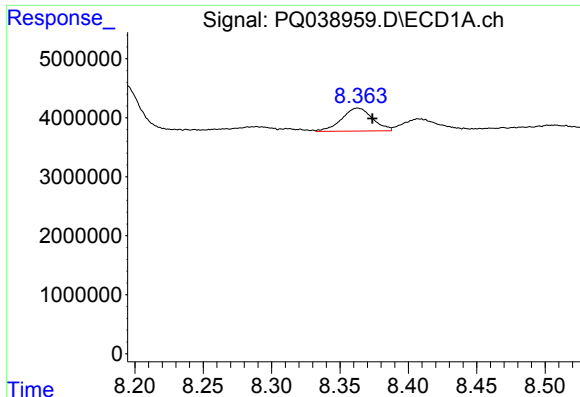
#26 AR-1254-1

R.T.: 8.121 min
Delta R.T.: -0.015 min
Response: 14647990
Conc: 67.89 ng/ml



#26 AR-1254-1

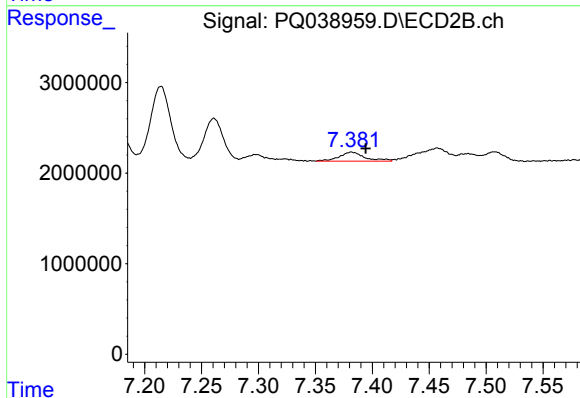
R.T.: 7.214 min
Delta R.T.: -0.012 min
Response: 10279384
Conc: 55.94 ng/ml



#27 AR-1254-2

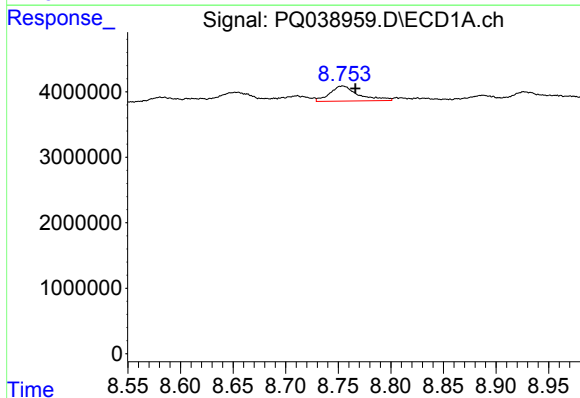
R.T.: 8.363 min
Delta R.T.: -0.011 min
Response: 6102400
Conc: 18.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



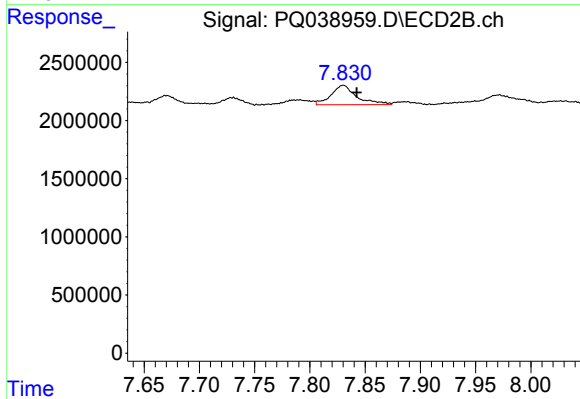
#27 AR-1254-2

R.T.: 7.382 min
Delta R.T.: -0.012 min
Response: 1552836
Conc: 9.59 ng/ml



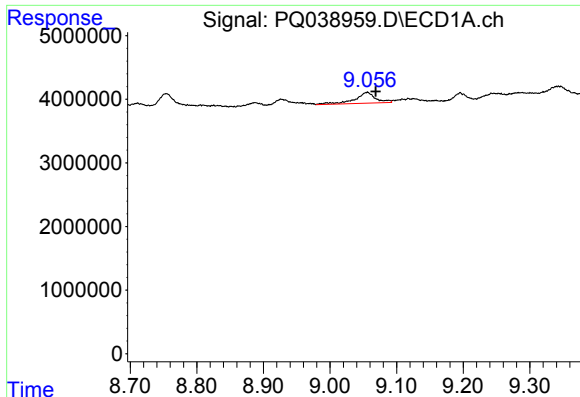
#28 AR-1254-3

R.T.: 8.754 min
Delta R.T.: -0.012 min
Response: 4371173
Conc: 11.76 ng/ml



#28 AR-1254-3

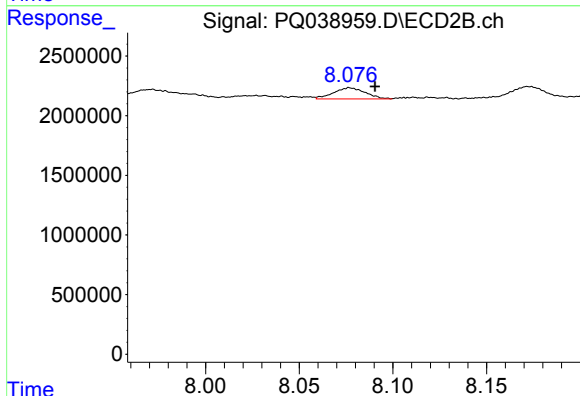
R.T.: 7.830 min
Delta R.T.: -0.012 min
Response: 2702556
Conc: 9.57 ng/ml



#29 AR-1254-4

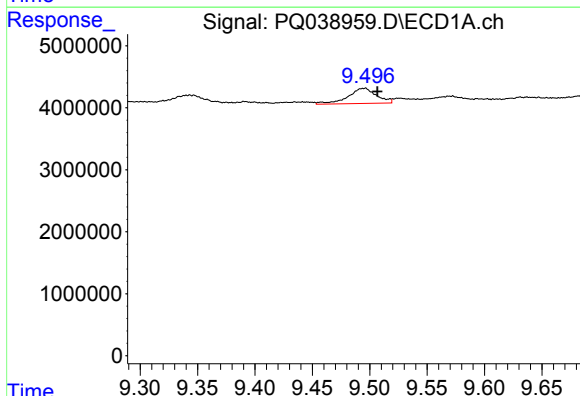
R.T.: 9.056 min
Delta R.T.: -0.013 min
Response: 3738679
Conc: 14.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



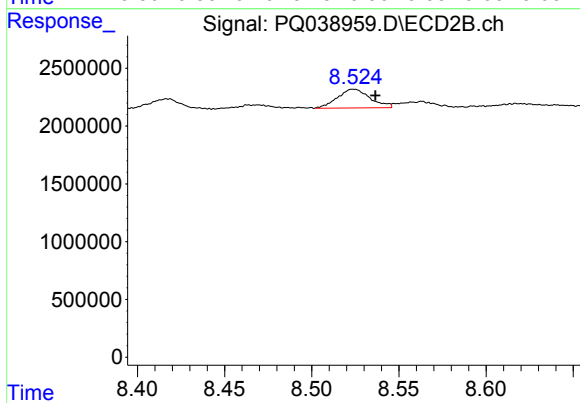
#29 AR-1254-4

R.T.: 8.077 min
Delta R.T.: -0.013 min
Response: 1108190
Conc: 6.68 ng/ml



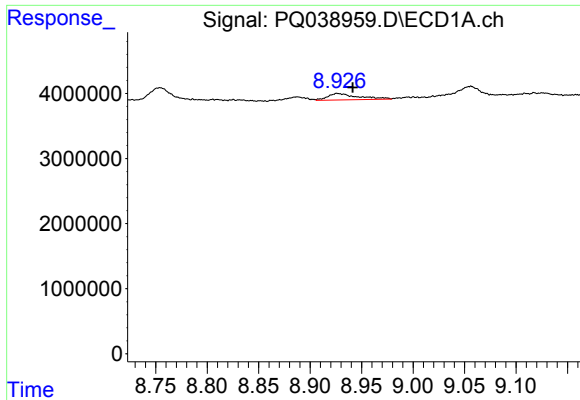
#30 AR-1254-5

R.T.: 9.495 min
Delta R.T.: -0.012 min
Response: 4267645
Conc: 14.32 ng/ml



#30 AR-1254-5

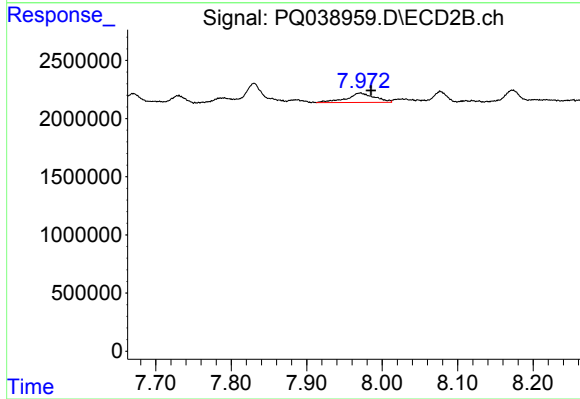
R.T.: 8.524 min
Delta R.T.: -0.012 min
Response: 2122813
Conc: 8.62 ng/ml



#31 AR-1260-1

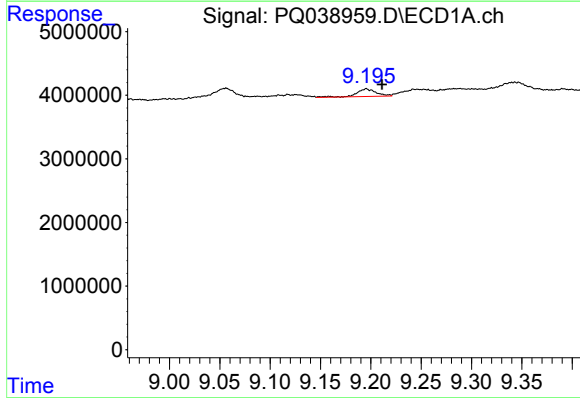
R.T.: 8.928 min
Delta R.T.: -0.014 min
Response: 2018181
Conc: 4.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



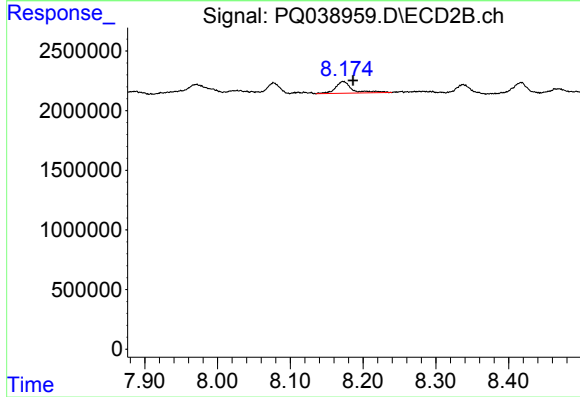
#31 AR-1260-1

R.T.: 7.971 min
Delta R.T.: -0.014 min
Response: 2095108
Conc: 6.92 ng/ml



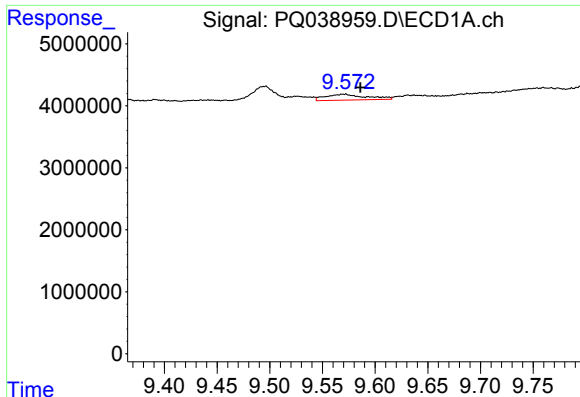
#32 AR-1260-2

R.T.: 9.196 min
Delta R.T.: -0.015 min
Response: 1624139
Conc: 2.86 ng/ml



#32 AR-1260-2

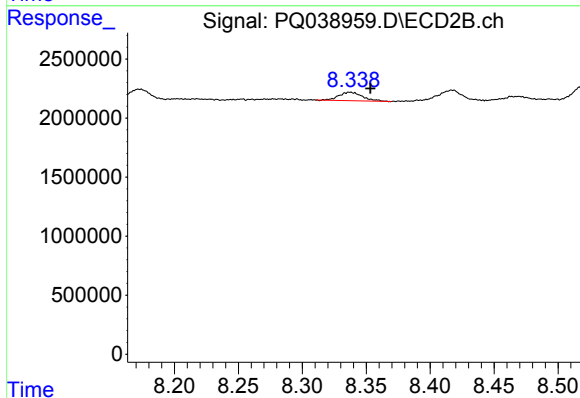
R.T.: 8.173 min
Delta R.T.: -0.013 min
Response: 1588875
Conc: 4.29 ng/ml



#33 AR-1260-3

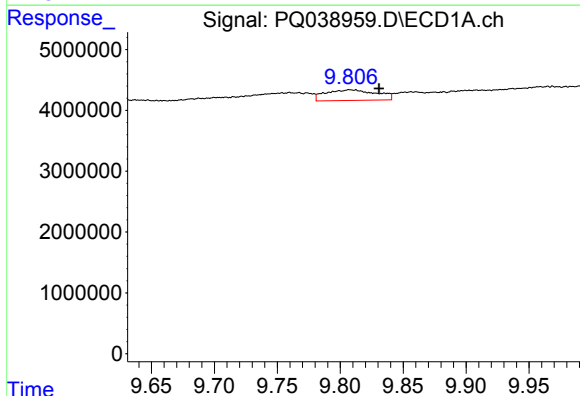
R.T.: 9.570 min
Delta R.T.: -0.016 min
Response: 2526494
Conc: 5.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



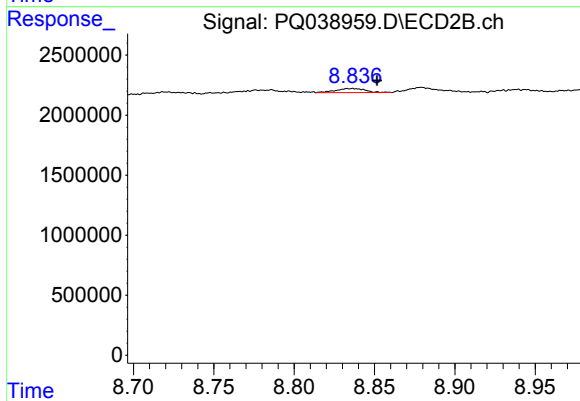
#33 AR-1260-3

R.T.: 8.337 min
Delta R.T.: -0.016 min
Response: 922156
Conc: 2.63 ng/ml



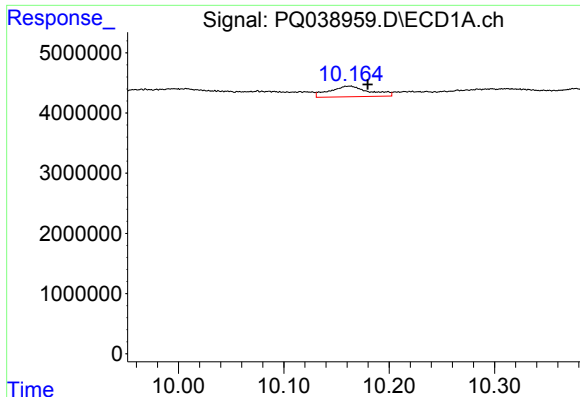
#34 AR-1260-4

R.T.: 9.808 min
Delta R.T.: -0.022 min
Response: 4900960
Conc: 9.55 ng/ml



#34 AR-1260-4

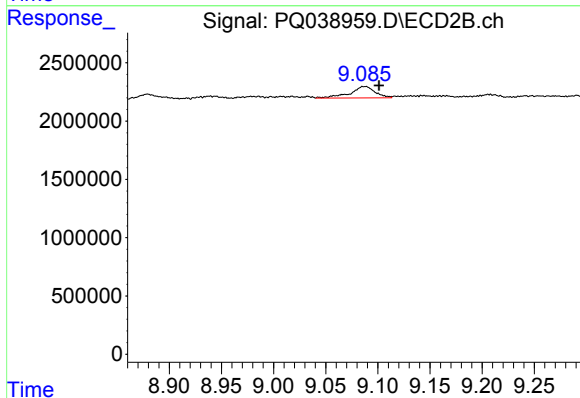
R.T.: 8.836 min
Delta R.T.: -0.016 min
Response: 430506
Conc: 1.49 ng/ml



#35 AR-1260-5

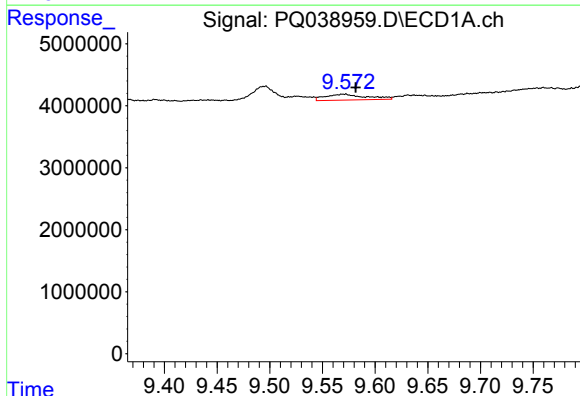
R.T.: 10.162 min
Delta R.T.: -0.018 min
Response: 4665668
Conc: 4.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



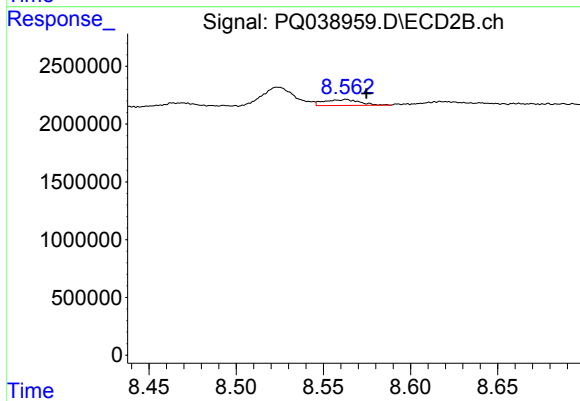
#35 AR-1260-5

R.T.: 9.087 min
Delta R.T.: -0.014 min
Response: 1650976
Conc: 2.33 ng/ml



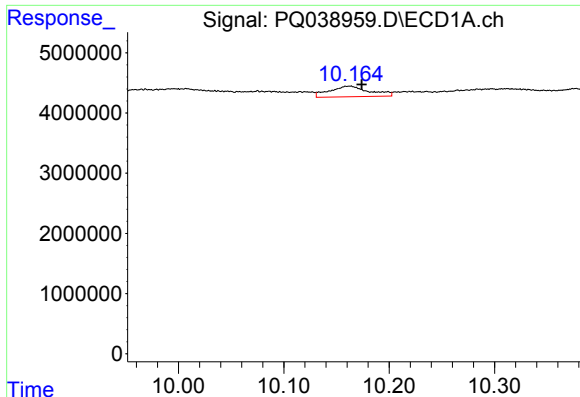
#36 AR-1262-1

R.T.: 9.570 min
Delta R.T.: -0.011 min
Response: 2526494
Conc: 6.80 ng/ml



#36 AR-1262-1

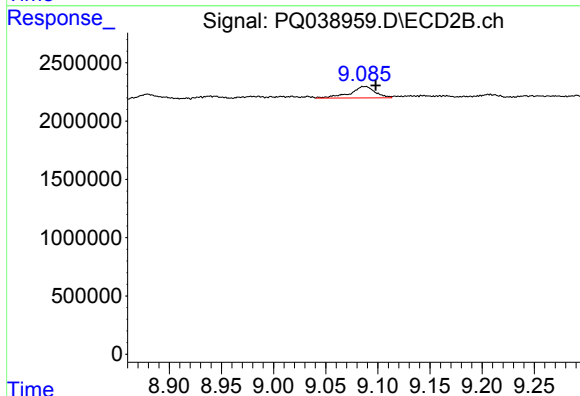
R.T.: 8.562 min
Delta R.T.: -0.012 min
Response: 736824
Conc: 2.81 ng/ml



#37 AR-1262-2

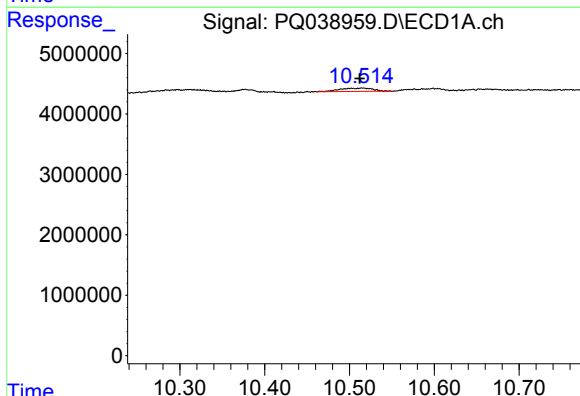
R.T.: 10.162 min
Delta R.T.: -0.012 min
Response: 4665668
Conc: 7.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



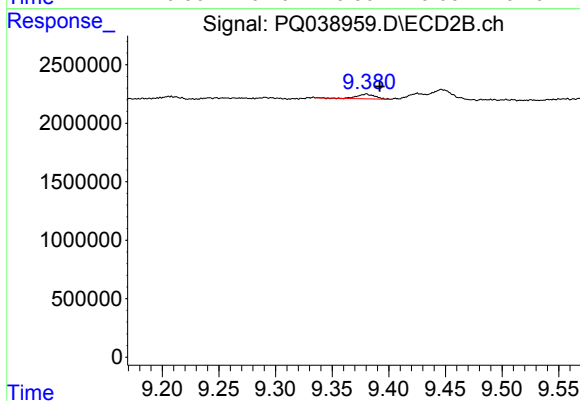
#37 AR-1262-2

R.T.: 9.087 min
Delta R.T.: -0.011 min
Response: 1650976
Conc: 3.45 ng/ml



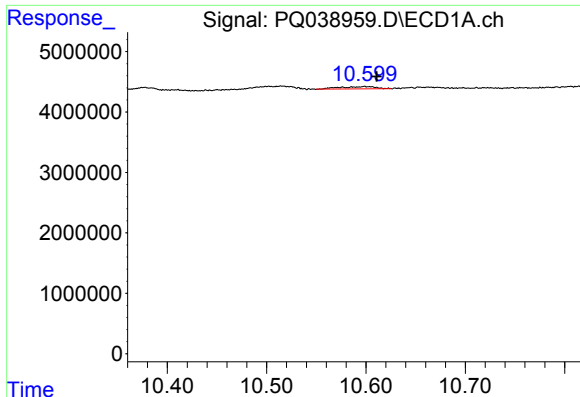
#38 AR-1262-3

R.T.: 10.515 min
Delta R.T.: 0.003 min
Response: 1470709
Conc: 3.25 ng/ml



#38 AR-1262-3

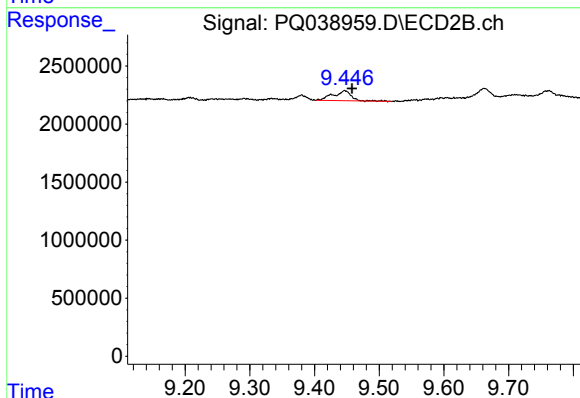
R.T.: 9.380 min
Delta R.T.: -0.012 min
Response: 434596
Conc: 2.24 ng/ml



#39 AR-1262-4

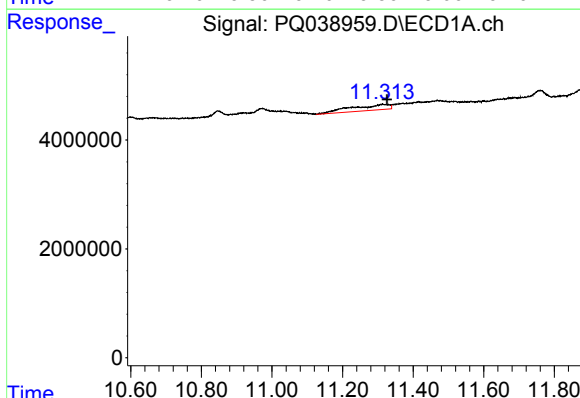
R.T.: 10.599 min
Delta R.T.: -0.011 min
Response: 995243
Conc: 2.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



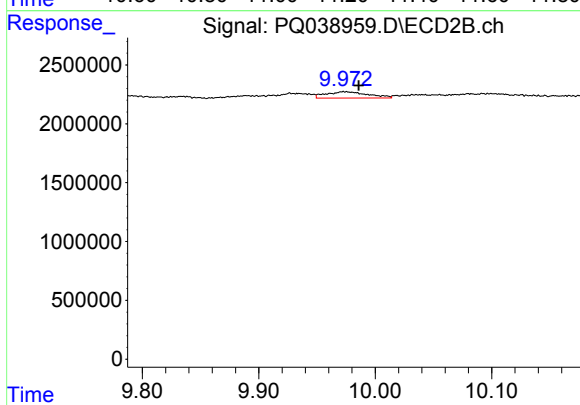
#39 AR-1262-4

R.T.: 9.447 min
Delta R.T.: -0.011 min
Response: 1694808
Conc: 4.60 ng/ml



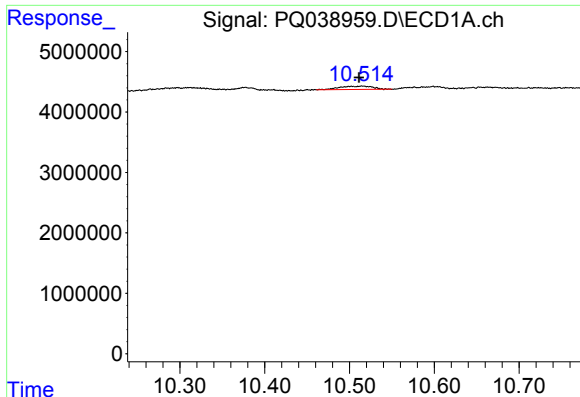
#40 AR-1262-5

R.T.: 11.313 min
Delta R.T.: -0.013 min
Response: 7820797
Conc: 31.43 ng/ml



#40 AR-1262-5

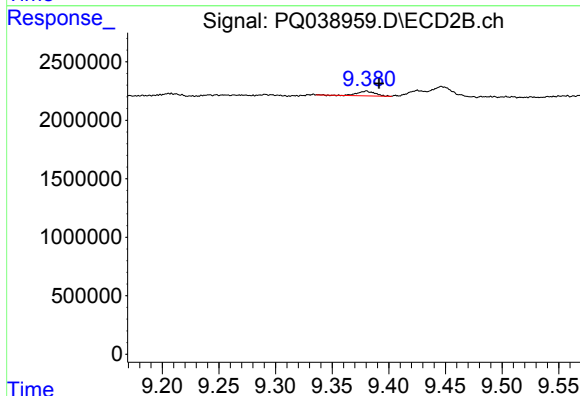
R.T.: 9.974 min
Delta R.T.: -0.012 min
Response: 1341523
Conc: 8.88 ng/ml



#41 AR-1268-1

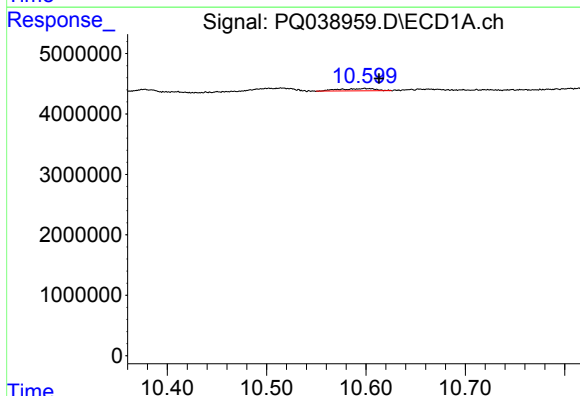
R.T.: 10.515 min
Delta R.T.: 0.004 min
Response: 1470709
Conc: 0.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



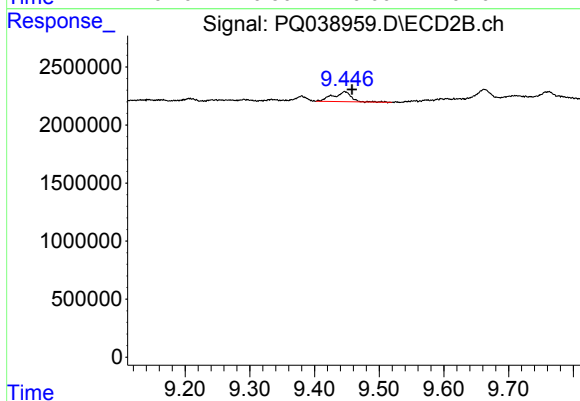
#41 AR-1268-1

R.T.: 9.380 min
Delta R.T.: -0.011 min
Response: 434596
Conc: 0.43 ng/ml



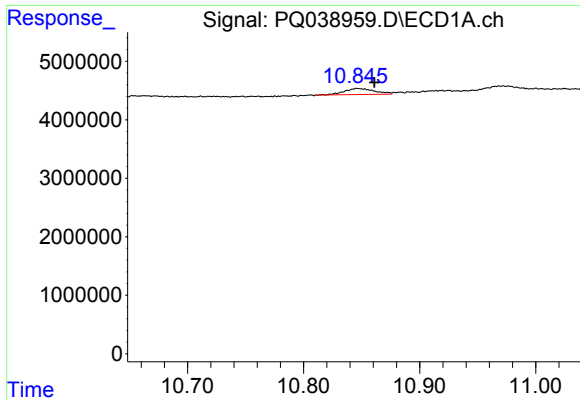
#42 AR-1268-2

R.T.: 10.599 min
Delta R.T.: -0.014 min
Response: 995243
Conc: 0.72 ng/ml



#42 AR-1268-2

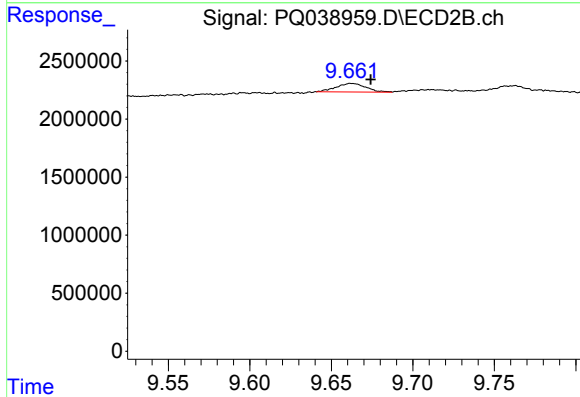
R.T.: 9.447 min
Delta R.T.: -0.011 min
Response: 1694808
Conc: 1.82 ng/ml



#43 AR-1268-3

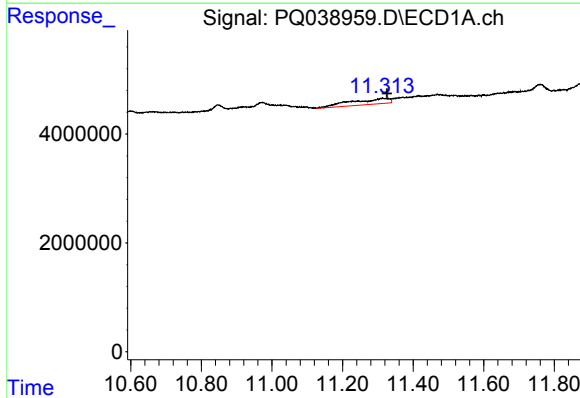
R.T.: 10.847 min
Delta R.T.: -0.014 min
Response: 1850415
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



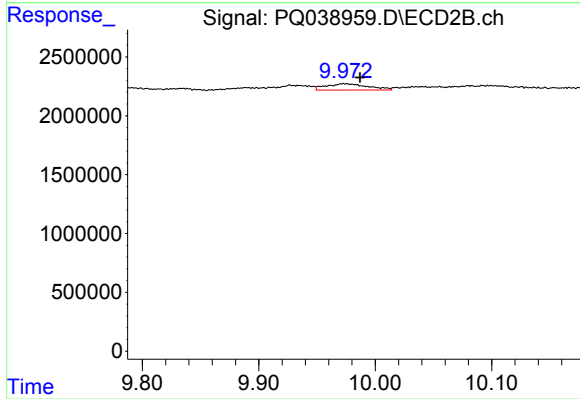
#43 AR-1268-3

R.T.: 9.662 min
Delta R.T.: -0.012 min
Response: 929704
Conc: 1.18 ng/ml



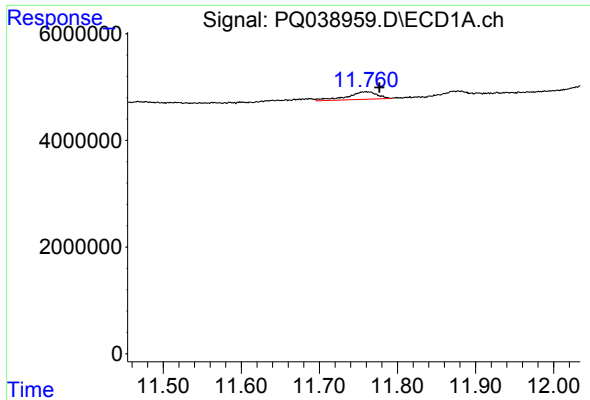
#44 AR-1268-4

R.T.: 11.313 min
Delta R.T.: -0.013 min
Response: 7820797
Conc: 15.59 ng/ml



#44 AR-1268-4

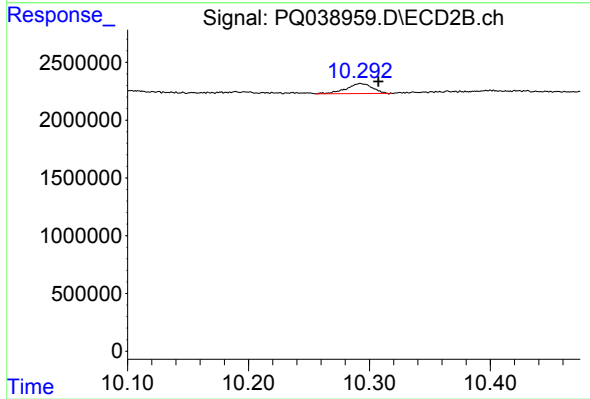
R.T.: 9.974 min
Delta R.T.: -0.013 min
Response: 1341523
Conc: 4.32 ng/ml



#45 AR-1268-5

R.T.: 11.760 min
Delta R.T.: -0.017 min
Response: 3739110
Conc: 0.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF890



#45 AR-1268-5

R.T.: 10.293 min
Delta R.T.: -0.014 min
Response: 1286900
Conc: 0.52 ng/ml