

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
 Data File : PQ044291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2019 14:36
 Operator : HP\AJ
 Sample : K5262-02
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFB69

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 01:27:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 02:55:10 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...	5.324	4.356	92125688	103.7E6	23.697	23.239
2)	SA Decachlor...	11.614	9.803	219.2E6	248.9E6	40.908	41.607
Target Compounds							
3)	L1 AR-1016-1	6.648	5.631	6500502	4466470	57.280	32.561 #
4)	L1 AR-1016-2	6.670	5.657	7965685	3676177	49.375	16.602 #
5)	L1 AR-1016-3	6.742	5.873	1950642	10252968	19.164	98.249 #
6)	L1 AR-1016-4	6.846	5.903	4621405	15098456	55.930	161.560 #
7)	L1 AR-1016-5	7.161	6.137	17072786	3793710	225.724	31.025 #
10)	L2 AR-1221-3	0.000	4.878	0	11505940	N.D.	109.567 #
11)	L3 AR-1232-1	0.000	4.878	0	11505940	N.D.	124.335 #
12)	L3 AR-1232-2	6.361	5.657	24191169	3676177	622.762	34.855 #
13)	L3 AR-1232-3	6.670	5.873	7965685	10252968	103.833	207.475 #
14)	L3 AR-1232-4	6.846	5.953	4621405	5860823	121.837	124.271
15)	L3 AR-1232-5	6.945	6.137	8880608	3793710	314.967	69.401 #
16)	L4 AR-1242-1	6.648	5.631	6500502	4466470	66.583	37.683 #
17)	L4 AR-1242-2	6.670	5.657	7965685	3676177	57.268	19.486 #
18)	L4 AR-1242-3	6.742	5.873	1950642	10252968	21.949	110.857 #
19)	L4 AR-1242-4	6.846	5.953	4621405	5860823	64.698	59.629
20)	L4 AR-1242-5	7.637	6.523	19142034	59547516	251.786	467.314 #
21)	L5 AR-1248-1	6.648	5.631	6500502	4466470	88.591	49.325 #
22)	L5 AR-1248-2	6.945	5.903	8880608	15098456	89.649	108.931
23)	L5 AR-1248-3	7.161	5.953	17072786	5860823	158.083	41.441 #
24)	L5 AR-1248-4	7.598	6.137	11191387	3793710	88.890	22.087 #
25)	L5 AR-1248-5	7.637	6.567	19142034	9698940	158.096	57.932 #
26)	L6 AR-1254-1	7.564	6.523	35935936	59547516	267.067	204.163
27)	L6 AR-1254-2	7.795	6.681	57423896	36633728	268.806	140.306 #
28)	L6 AR-1254-3	8.182	7.111	72669275	219.9E6	295.346	503.325 #
29)	L6 AR-1254-4	8.476	7.349	52214238	34534884	260.344	128.561 #
30)	L6 AR-1254-5	8.911	7.783	211.1E6	256.1E6	882.182	640.366 #
31)	L7 AR-1260-1	8.348	7.245	125.8E6	151.3E6	835.922	622.257 #
32)	L7 AR-1260-2	8.611	7.441	154.7E6	195.4E6	786.058	647.261
33)	L7 AR-1260-3	8.989	7.603	82714729	154.7E6	515.895	549.841
34)	L7 AR-1260-4	9.236	8.090	110.9E6	122.0E6	568.038	485.004
35)	L7 AR-1260-5	9.590	8.337	223.4E6	322.4E6	488.578	503.042
36)	L8 AR-1262-1	9.052	7.783	34388494	256.1E6	316.631	1312.127 #
37)	L8 AR-1262-2	9.590	8.337	223.4E6	322.4E6	387.878	407.503
38)	L8 AR-1262-3	9.956	8.627	122.5E6	83649014	295.168	263.758
39)	L8 AR-1262-4	10.018	8.692	44650856	250.6E6	141.739	411.258 #
40)	L8 AR-1262-5	10.770	9.212	74825836	85424423	294.369	304.658
41)	L9 AR-1268-1	9.956	8.627	122.5E6	83649014	171.251	86.727 #
42)	L9 AR-1268-2	10.018	8.692	44650856	250.6E6	65.704	275.617 #
43)	L9 AR-1268-3	10.292	8.903	12602194	27456355	21.956	36.246 #

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 Operator : HP\AJ
 Sample : K5262-02
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

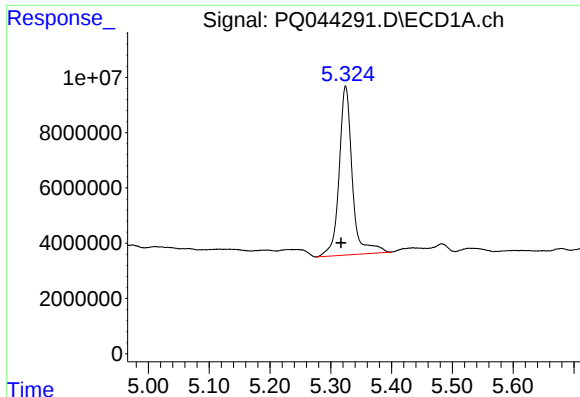
Instrument :
 ECD_Q
 ClientSampleId :
 BFB69

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 01:27:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.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	10.770	9.212	74825836	85424423	259.717	261.244
45) L9	AR-1268-5	11.236	9.526	53558573	58912709	24.635	22.617

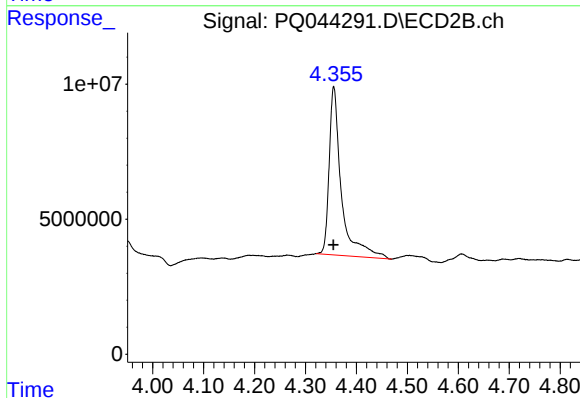
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

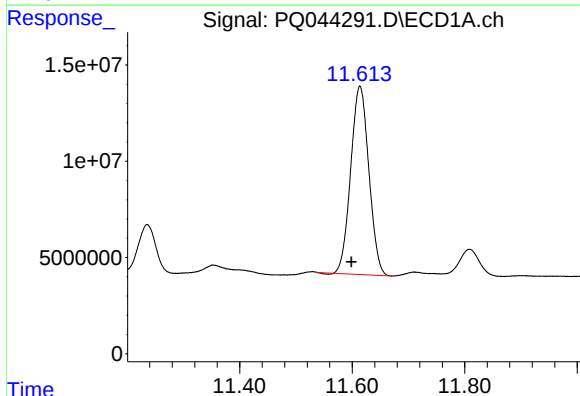
R.T.: 5.324 min
Delta R.T.: 0.007 min
Response: 92125688
Conc: 23.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



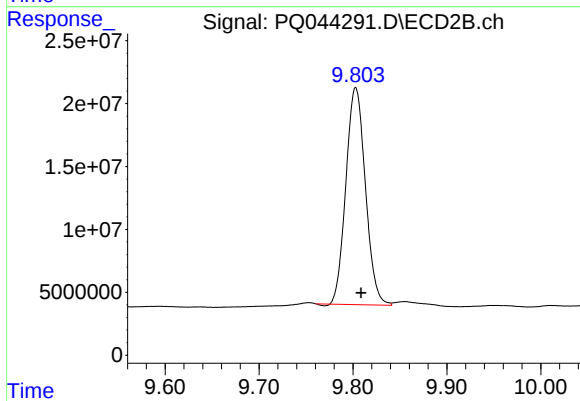
#1 Tetrachloro-m-xylene

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 103734420
Conc: 23.24 ng/ml



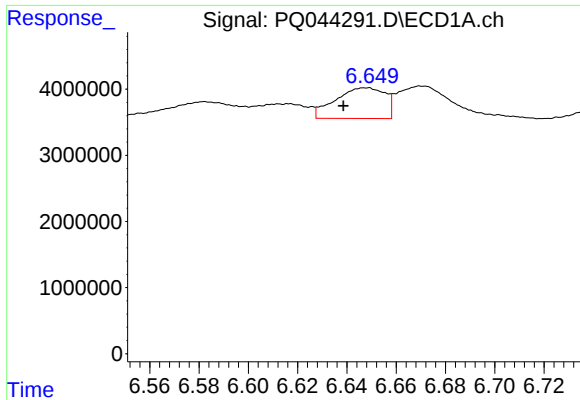
#2 Decachlorobiphenyl

R.T.: 11.614 min
Delta R.T.: 0.015 min
Response: 219167735
Conc: 40.91 ng/ml



#2 Decachlorobiphenyl

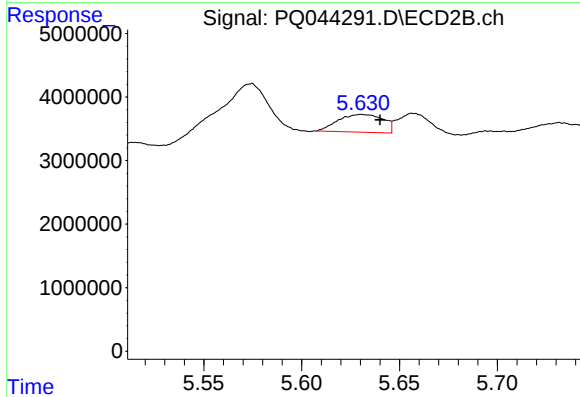
R.T.: 9.803 min
Delta R.T.: -0.006 min
Response: 248870733
Conc: 41.61 ng/ml



#3 AR-1016-1

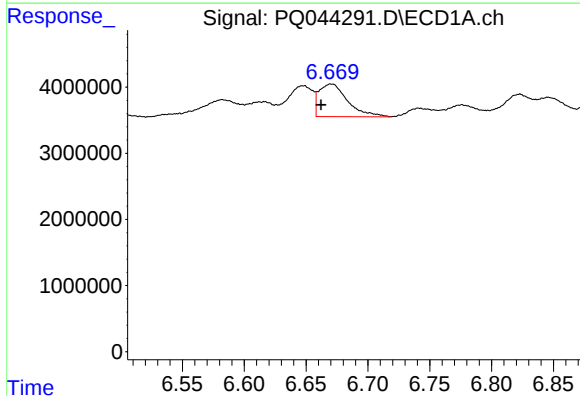
R.T.: 6.648 min
Delta R.T.: 0.009 min
Response: 6500502
Conc: 57.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



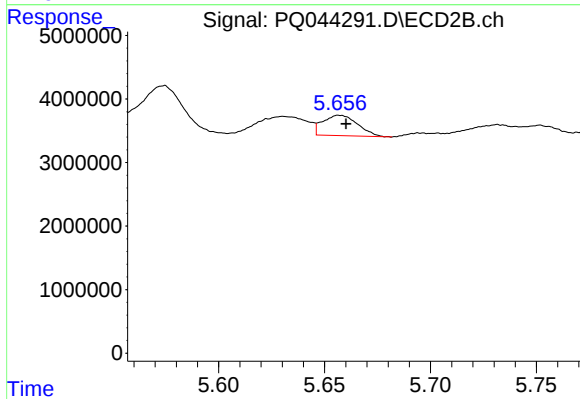
#3 AR-1016-1

R.T.: 5.631 min
Delta R.T.: -0.009 min
Response: 4466470
Conc: 32.56 ng/ml



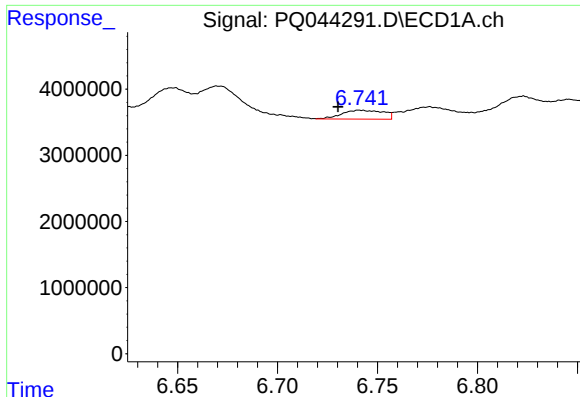
#4 AR-1016-2

R.T.: 6.670 min
Delta R.T.: 0.008 min
Response: 7965685
Conc: 49.38 ng/ml



#4 AR-1016-2

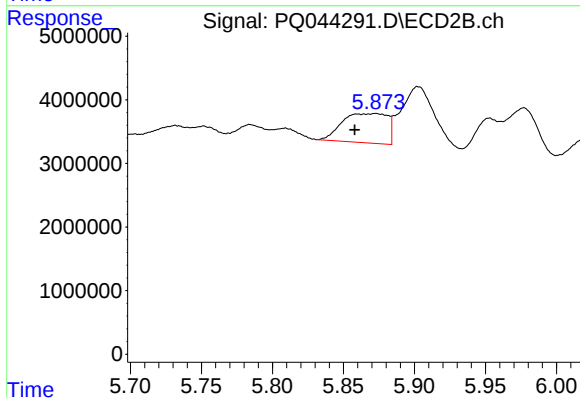
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 3676177
Conc: 16.60 ng/ml



#5 AR-1016-3

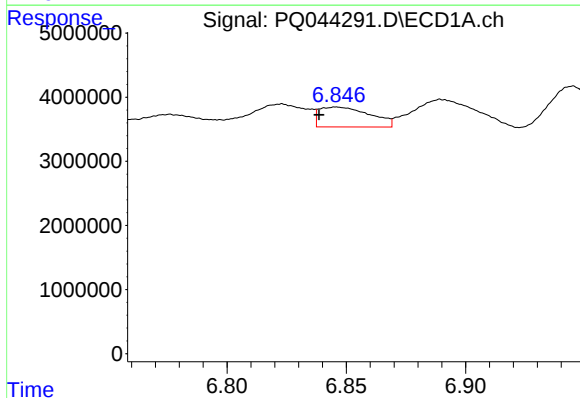
R.T.: 6.742 min
Delta R.T.: 0.012 min
Response: 1950642
Conc: 19.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



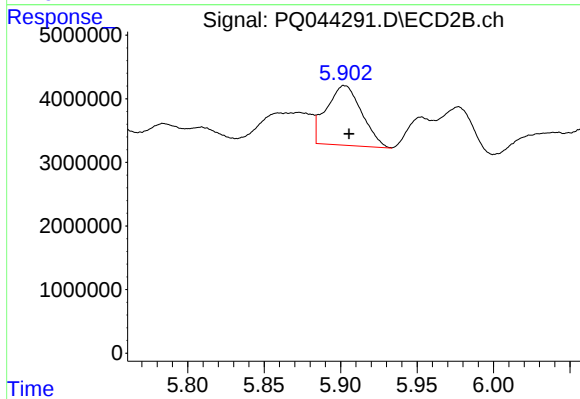
#5 AR-1016-3

R.T.: 5.873 min
Delta R.T.: 0.015 min
Response: 10252968
Conc: 98.25 ng/ml



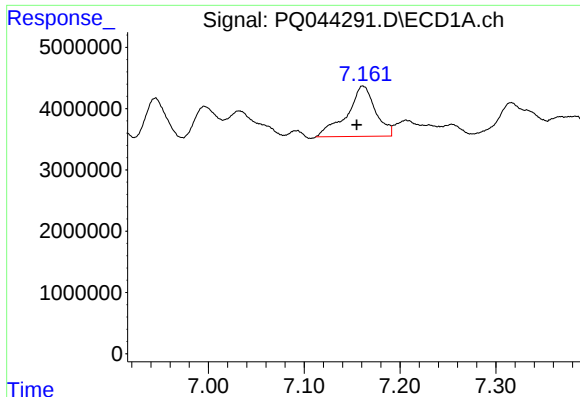
#6 AR-1016-4

R.T.: 6.846 min
Delta R.T.: 0.007 min
Response: 4621405
Conc: 55.93 ng/ml



#6 AR-1016-4

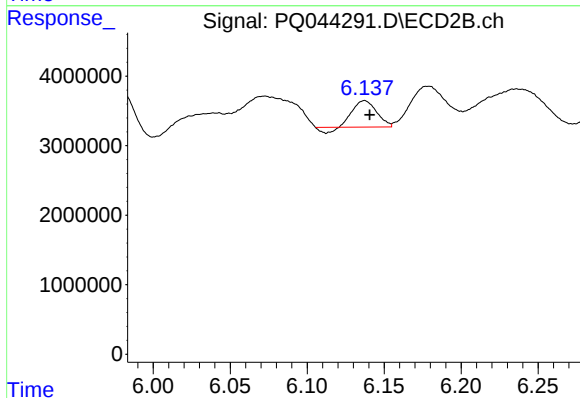
R.T.: 5.903 min
Delta R.T.: -0.003 min
Response: 15098456
Conc: 161.56 ng/ml



#7 AR-1016-5

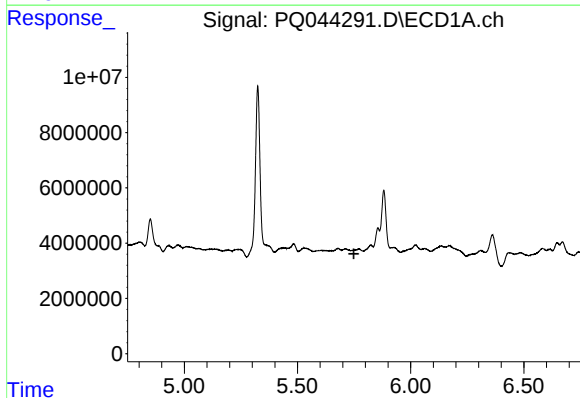
R.T.: 7.161 min
Delta R.T.: 0.007 min
Response: 17072786
Conc: 225.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



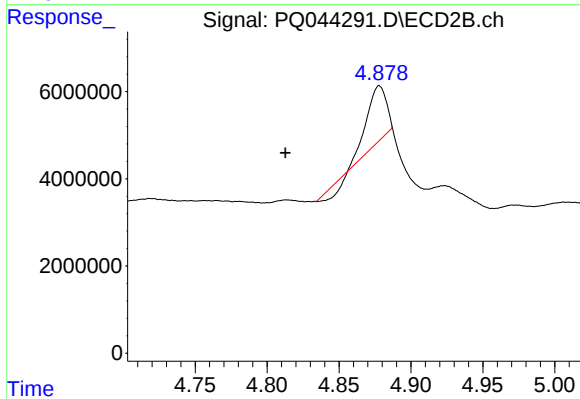
#7 AR-1016-5

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 3793710
Conc: 31.02 ng/ml



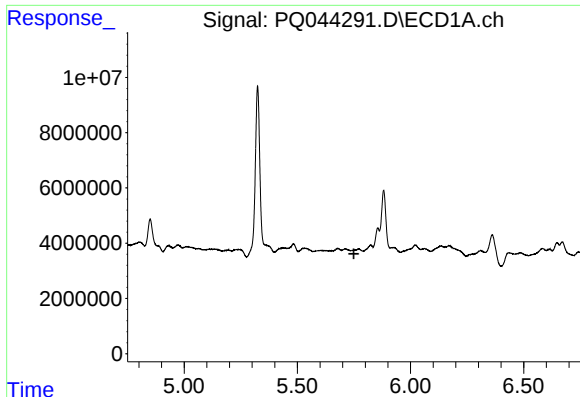
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.749 min
Response: 0
Conc: N.D.



#10 AR-1221-3

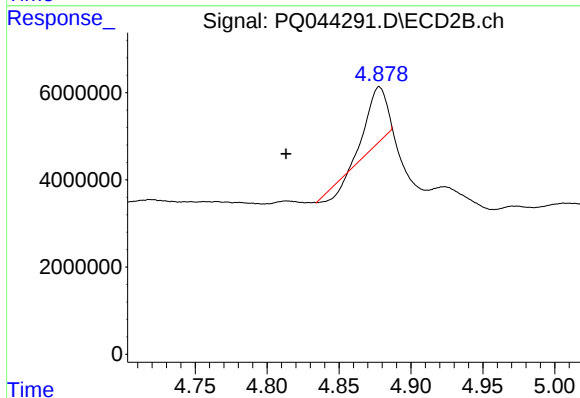
R.T.: 4.878 min
Delta R.T.: 0.065 min
Response: 11505940
Conc: 109.57 ng/ml



#11 AR-1232-1

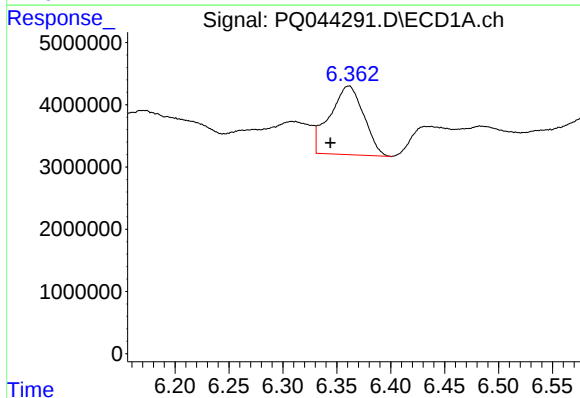
R.T.: 0.000 min
Exp R.T.: 5.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFB69



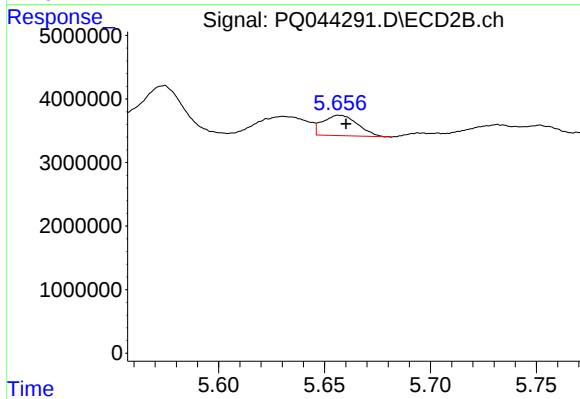
#11 AR-1232-1

R.T.: 4.878 min
Delta R.T.: 0.065 min
Response: 11505940
Conc: 124.33 ng/ml



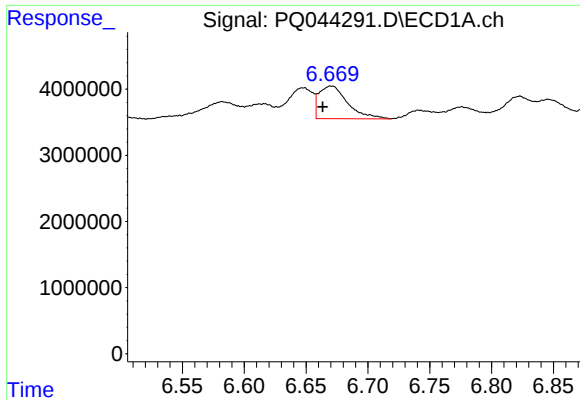
#12 AR-1232-2

R.T.: 6.361 min
Delta R.T.: 0.017 min
Response: 24191169
Conc: 622.76 ng/ml



#12 AR-1232-2

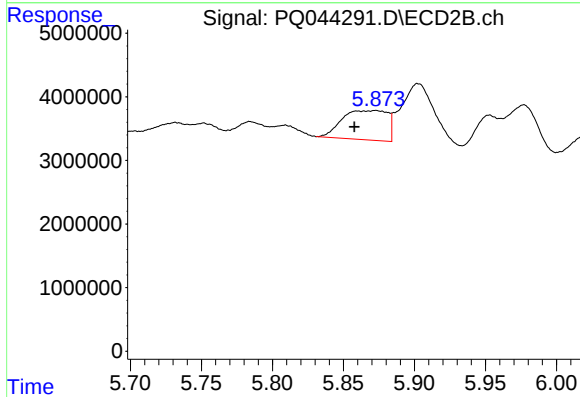
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 3676177
Conc: 34.86 ng/ml



#13 AR-1232-3

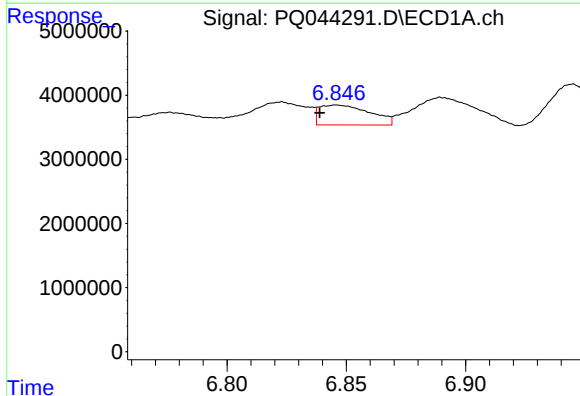
R.T.: 6.670 min
Delta R.T.: 0.007 min
Response: 7965685
Conc: 103.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



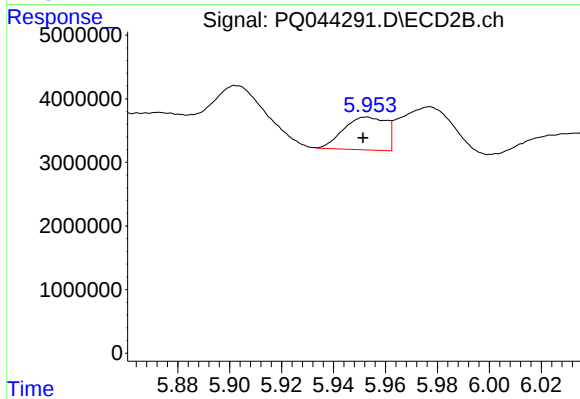
#13 AR-1232-3

R.T.: 5.873 min
Delta R.T.: 0.015 min
Response: 10252968
Conc: 207.47 ng/ml



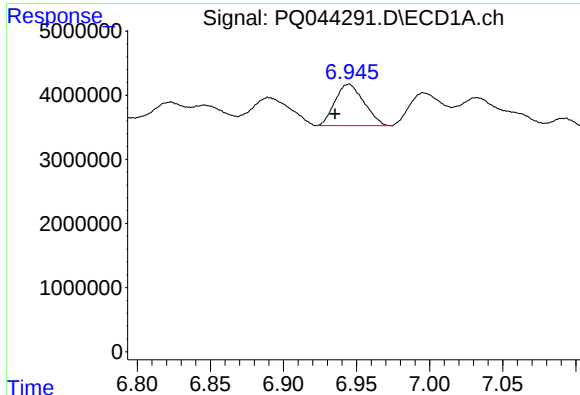
#14 AR-1232-4

R.T.: 6.846 min
Delta R.T.: 0.007 min
Response: 4621405
Conc: 121.84 ng/ml



#14 AR-1232-4

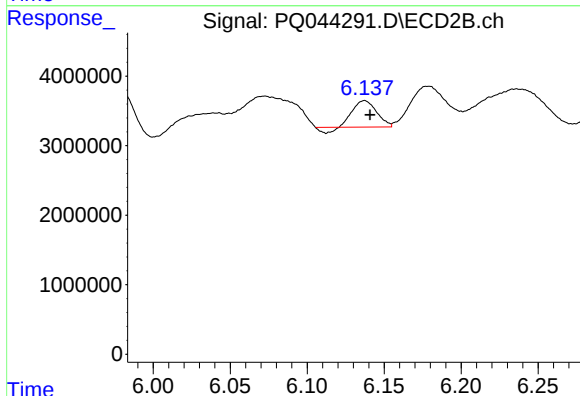
R.T.: 5.953 min
Delta R.T.: 0.001 min
Response: 5860823
Conc: 124.27 ng/ml



#15 AR-1232-5

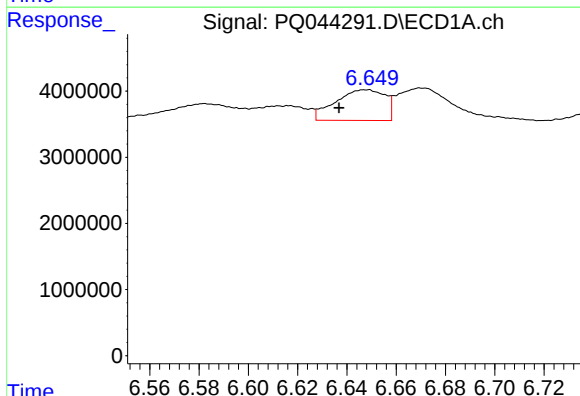
R.T.: 6.945 min
Delta R.T.: 0.009 min
Response: 8880608
Conc: 314.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



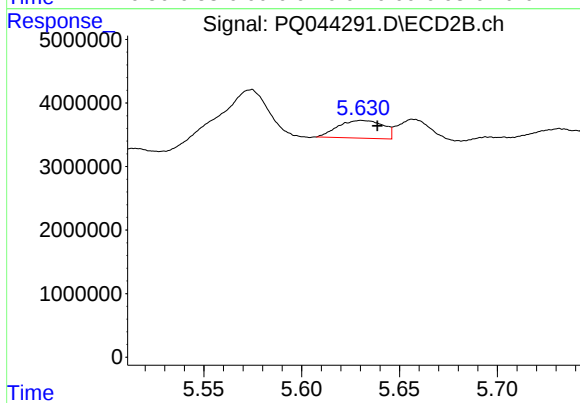
#15 AR-1232-5

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 3793710
Conc: 69.40 ng/ml



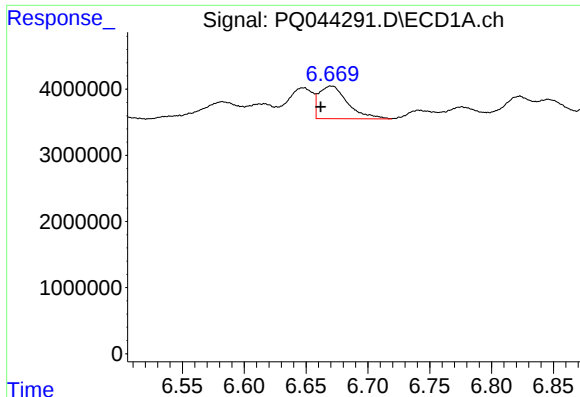
#16 AR-1242-1

R.T.: 6.648 min
Delta R.T.: 0.011 min
Response: 6500502
Conc: 66.58 ng/ml



#16 AR-1242-1

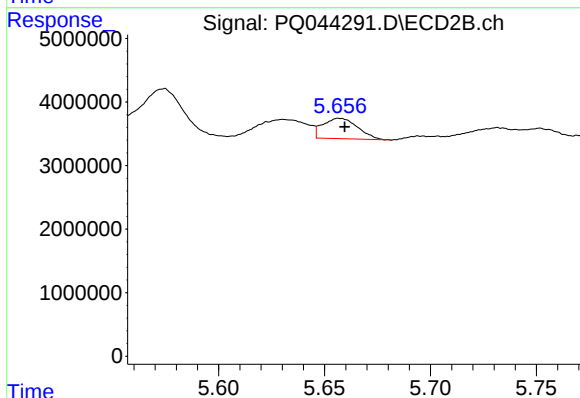
R.T.: 5.631 min
Delta R.T.: -0.008 min
Response: 4466470
Conc: 37.68 ng/ml



#17 AR-1242-2

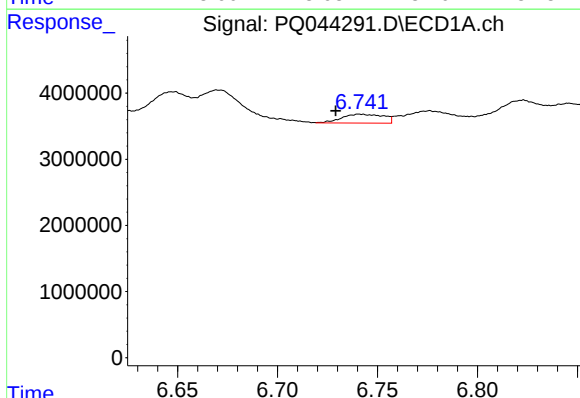
R.T.: 6.670 min
Delta R.T.: 0.009 min
Response: 7965685
Conc: 57.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



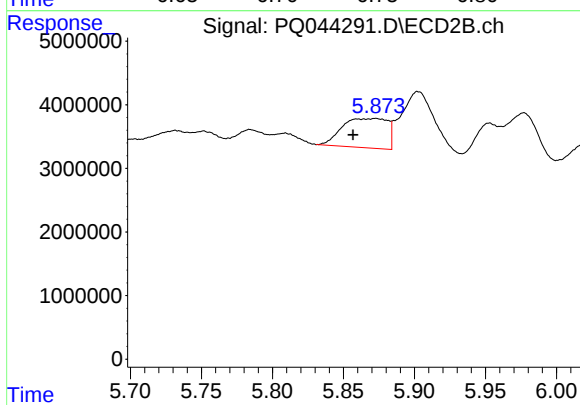
#17 AR-1242-2

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 3676177
Conc: 19.49 ng/ml



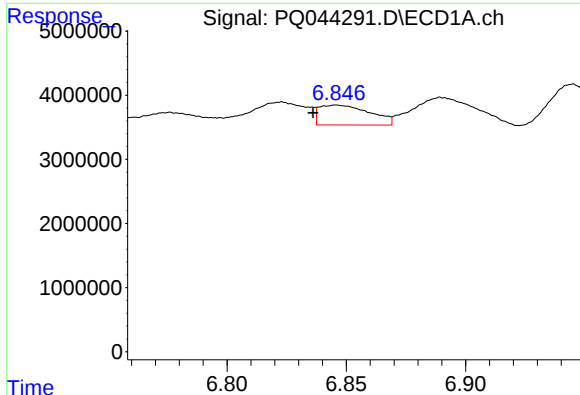
#18 AR-1242-3

R.T.: 6.742 min
Delta R.T.: 0.013 min
Response: 1950642
Conc: 21.95 ng/ml



#18 AR-1242-3

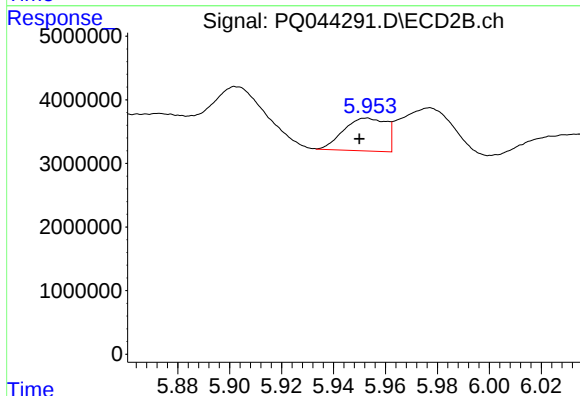
R.T.: 5.873 min
Delta R.T.: 0.016 min
Response: 10252968
Conc: 110.86 ng/ml



#19 AR-1242-4

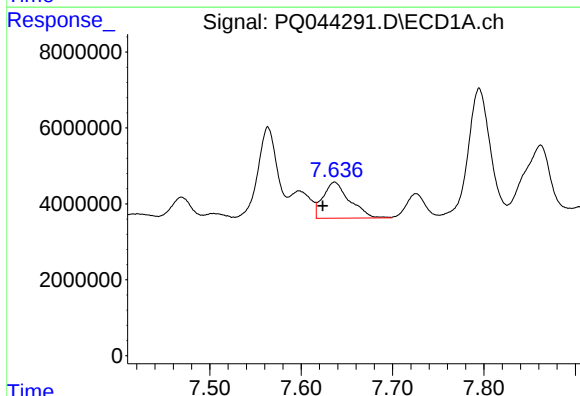
R.T.: 6.846 min
Delta R.T.: 0.010 min
Response: 4621405
Conc: 64.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



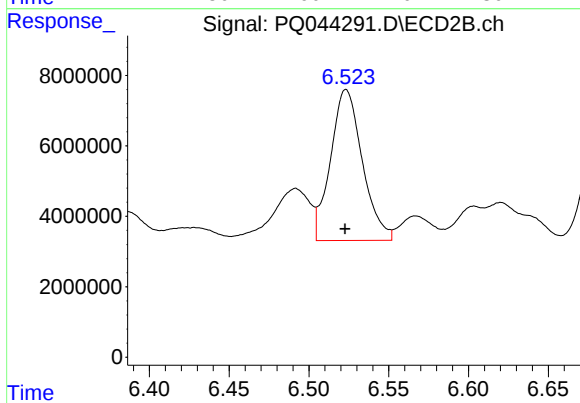
#19 AR-1242-4

R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 5860823
Conc: 59.63 ng/ml



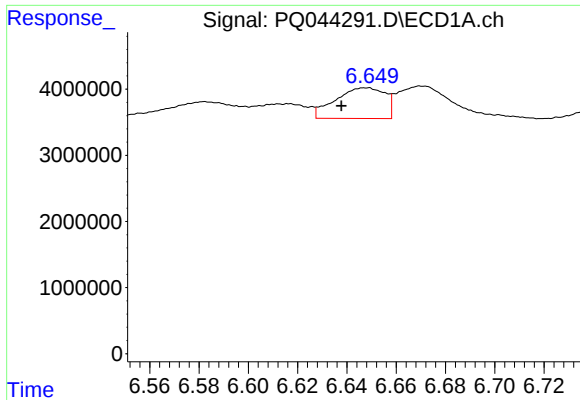
#20 AR-1242-5

R.T.: 7.637 min
Delta R.T.: 0.013 min
Response: 19142034
Conc: 251.79 ng/ml



#20 AR-1242-5

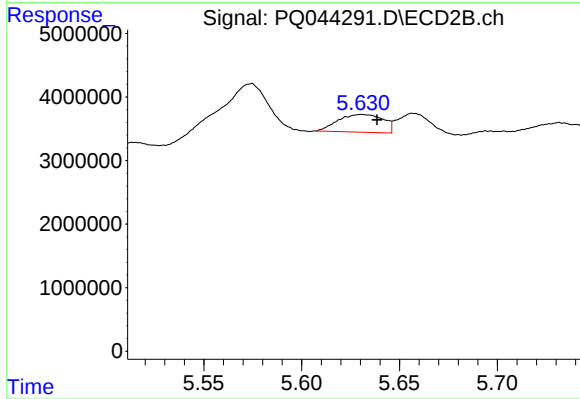
R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 59547516
Conc: 467.31 ng/ml



#21 AR-1248-1

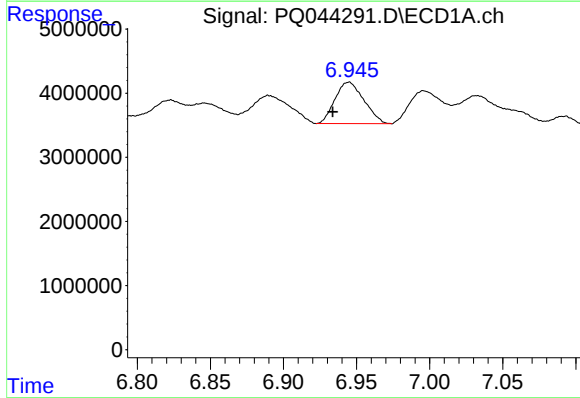
R.T.: 6.648 min
Delta R.T.: 0.010 min
Response: 6500502
Conc: 88.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



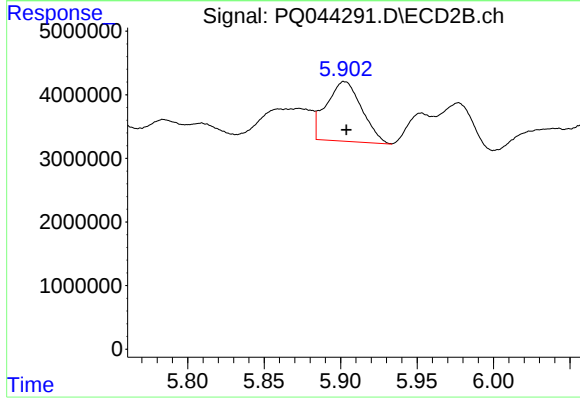
#21 AR-1248-1

R.T.: 5.631 min
Delta R.T.: -0.008 min
Response: 4466470
Conc: 49.32 ng/ml



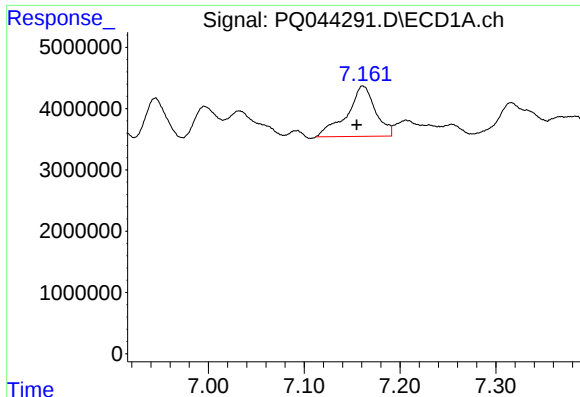
#22 AR-1248-2

R.T.: 6.945 min
Delta R.T.: 0.011 min
Response: 8880608
Conc: 89.65 ng/ml



#22 AR-1248-2

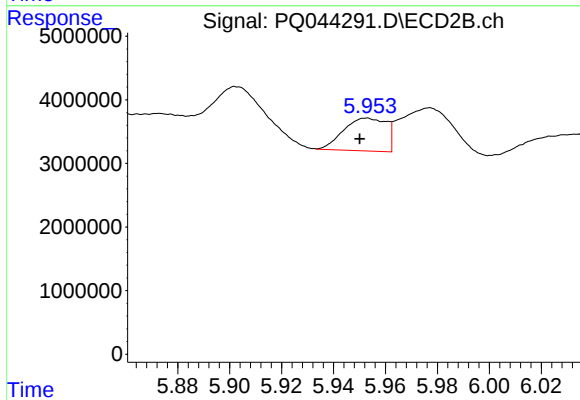
R.T.: 5.903 min
Delta R.T.: -0.001 min
Response: 15098456
Conc: 108.93 ng/ml



#23 AR-1248-3

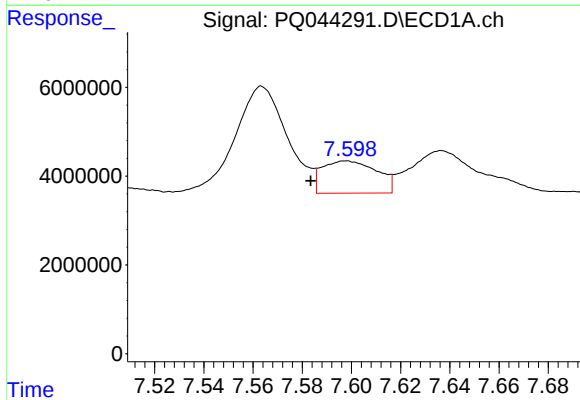
R.T.: 7.161 min
Delta R.T.: 0.007 min
Response: 17072786
Conc: 158.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



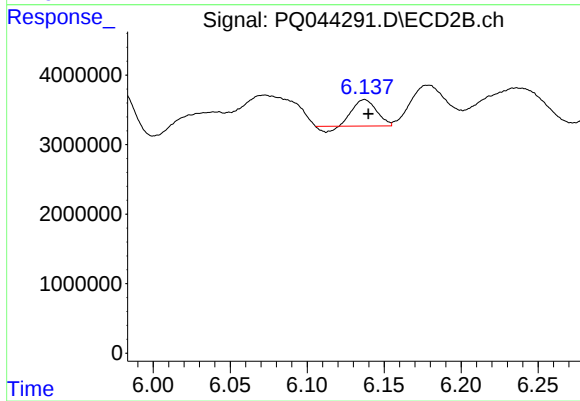
#23 AR-1248-3

R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 5860823
Conc: 41.44 ng/ml



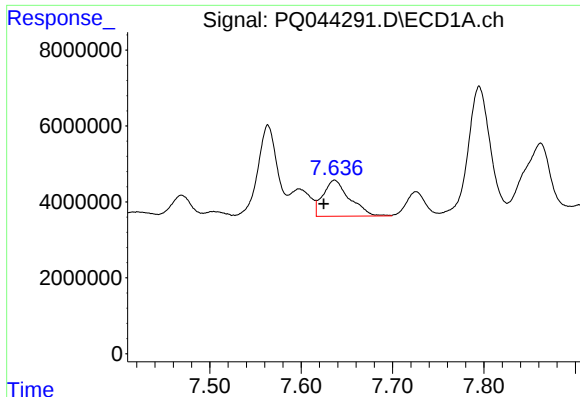
#24 AR-1248-4

R.T.: 7.598 min
Delta R.T.: 0.015 min
Response: 11191387
Conc: 88.89 ng/ml



#24 AR-1248-4

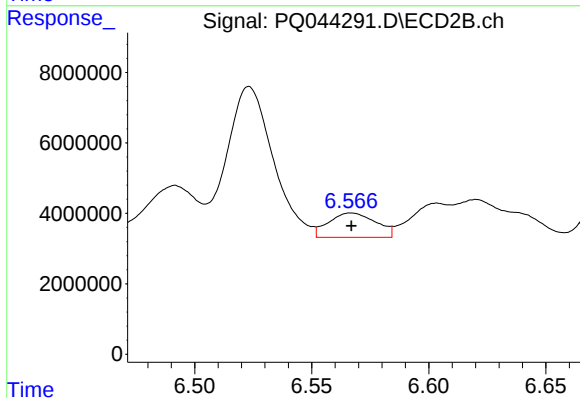
R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 3793710
Conc: 22.09 ng/ml



#25 AR-1248-5

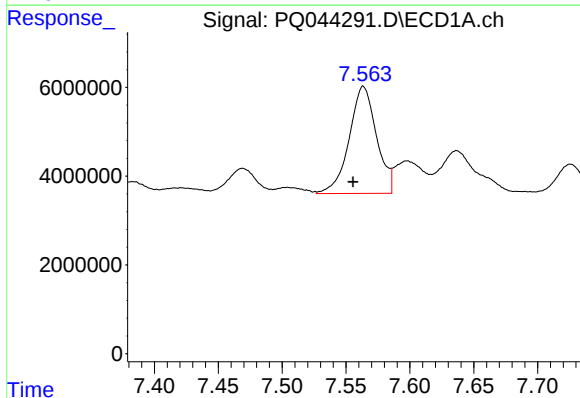
R.T.: 7.637 min
Delta R.T.: 0.012 min
Response: 19142034
Conc: 158.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



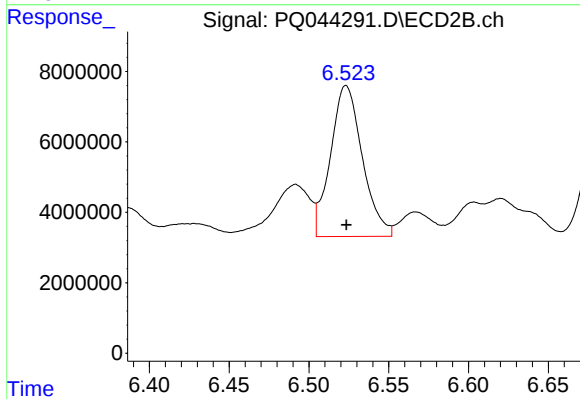
#25 AR-1248-5

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 9698940
Conc: 57.93 ng/ml



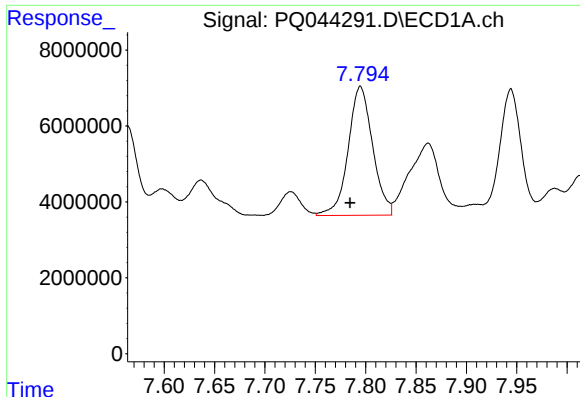
#26 AR-1254-1

R.T.: 7.564 min
Delta R.T.: 0.008 min
Response: 35935936
Conc: 267.07 ng/ml



#26 AR-1254-1

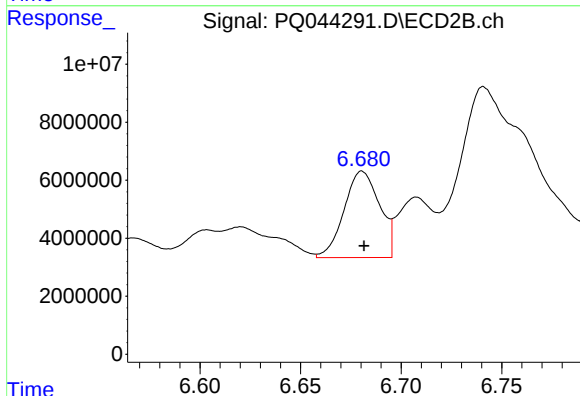
R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 59547516
Conc: 204.16 ng/ml



#27 AR-1254-2

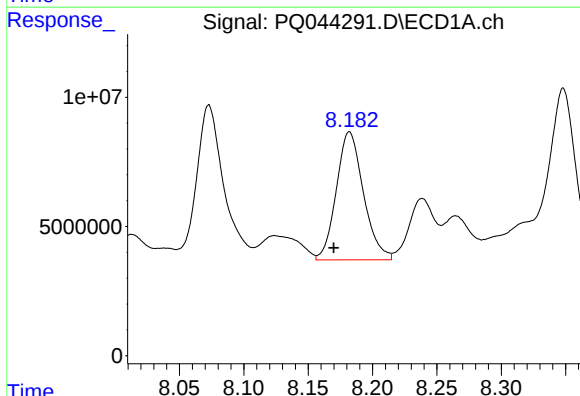
R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 57423896
Conc: 268.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



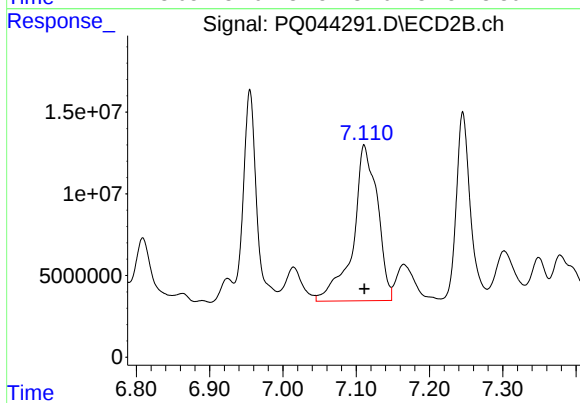
#27 AR-1254-2

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 36633728
Conc: 140.31 ng/ml



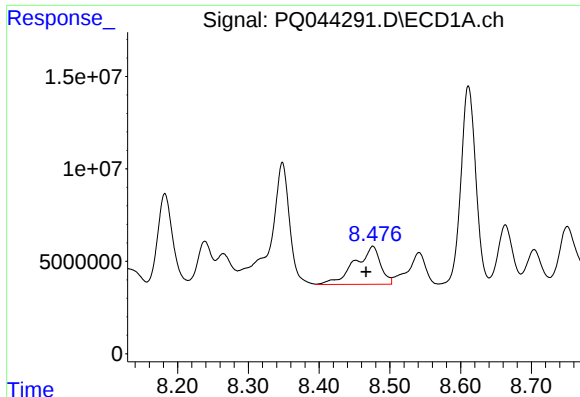
#28 AR-1254-3

R.T.: 8.182 min
Delta R.T.: 0.012 min
Response: 72669275
Conc: 295.35 ng/ml



#28 AR-1254-3

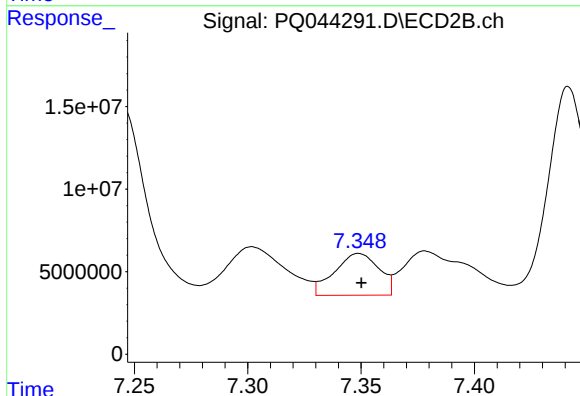
R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 219906394
Conc: 503.33 ng/ml



#29 AR-1254-4

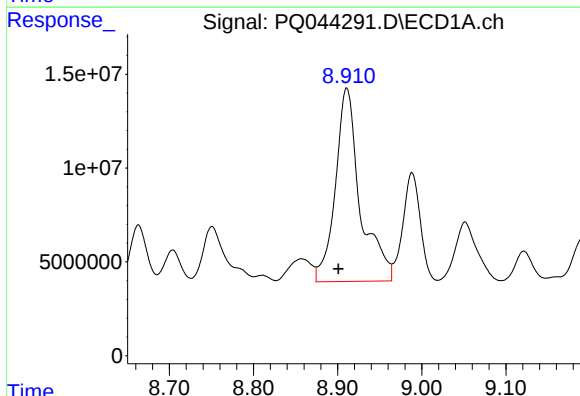
R.T.: 8.476 min
Delta R.T.: 0.009 min
Response: 52214238
Conc: 260.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



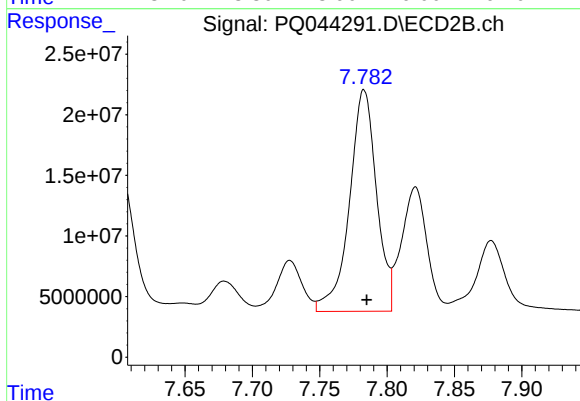
#29 AR-1254-4

R.T.: 7.349 min
Delta R.T.: -0.001 min
Response: 34534884
Conc: 128.56 ng/ml



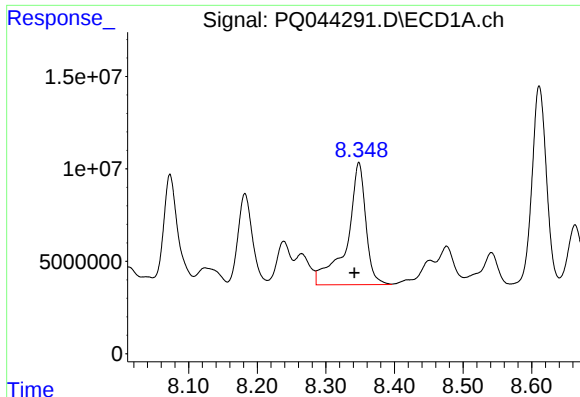
#30 AR-1254-5

R.T.: 8.911 min
Delta R.T.: 0.010 min
Response: 211145534
Conc: 882.18 ng/ml



#30 AR-1254-5

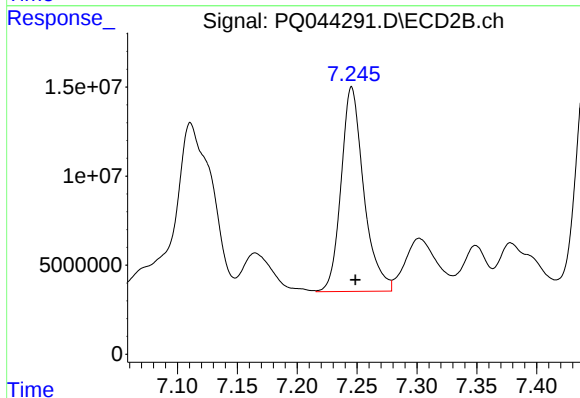
R.T.: 7.783 min
Delta R.T.: -0.002 min
Response: 256058912
Conc: 640.37 ng/ml



#31 AR-1260-1

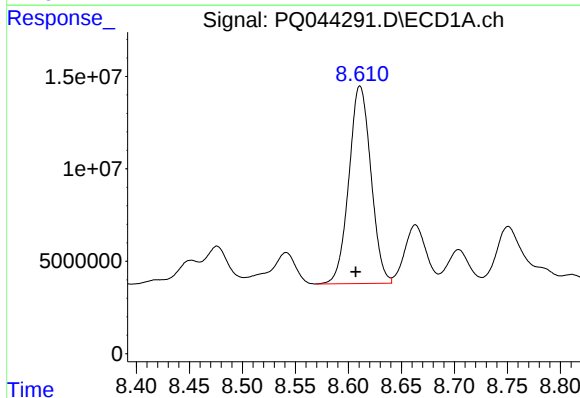
R.T.: 8.348 min
Delta R.T.: 0.007 min
Response: 125834219
Conc: 835.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



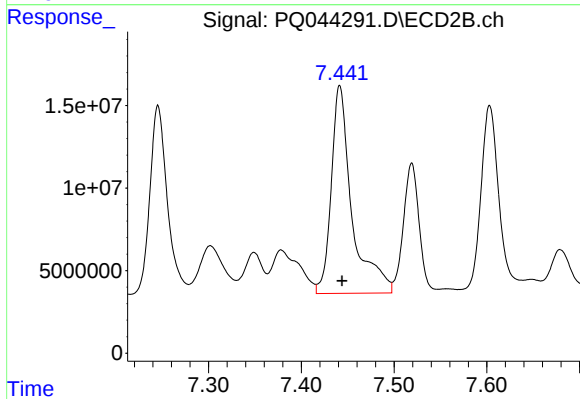
#31 AR-1260-1

R.T.: 7.245 min
Delta R.T.: -0.003 min
Response: 151297352
Conc: 622.26 ng/ml



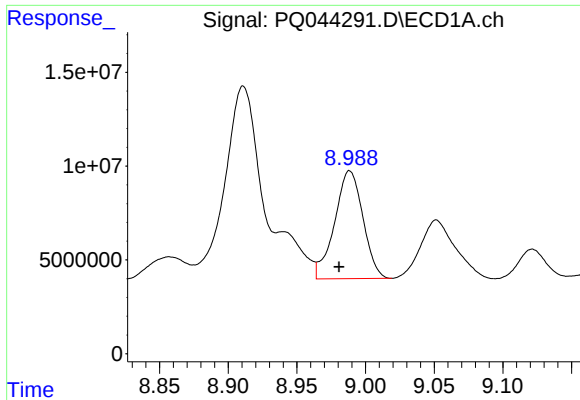
#32 AR-1260-2

R.T.: 8.611 min
Delta R.T.: 0.004 min
Response: 154704705
Conc: 786.06 ng/ml



#32 AR-1260-2

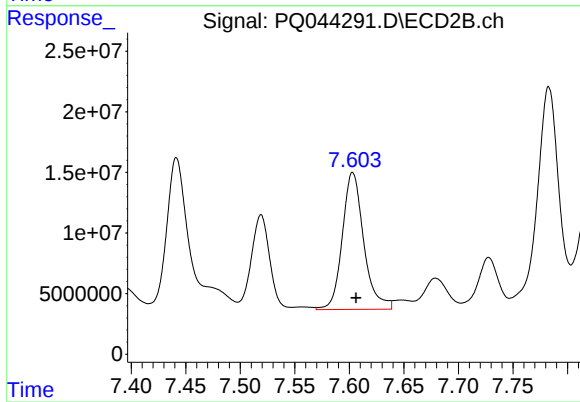
R.T.: 7.441 min
Delta R.T.: -0.003 min
Response: 195379178
Conc: 647.26 ng/ml



#33 AR-1260-3

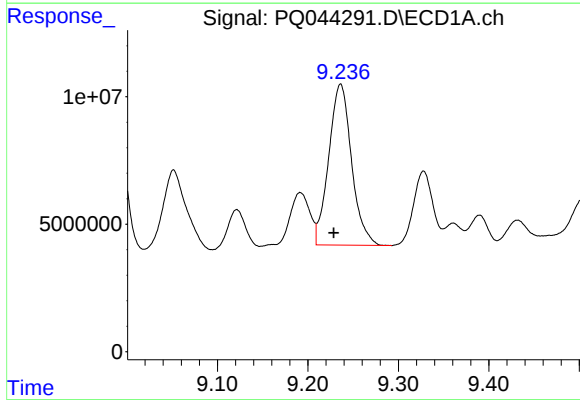
R.T.: 8.989 min
Delta R.T.: 0.008 min
Response: 82714729
Conc: 515.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



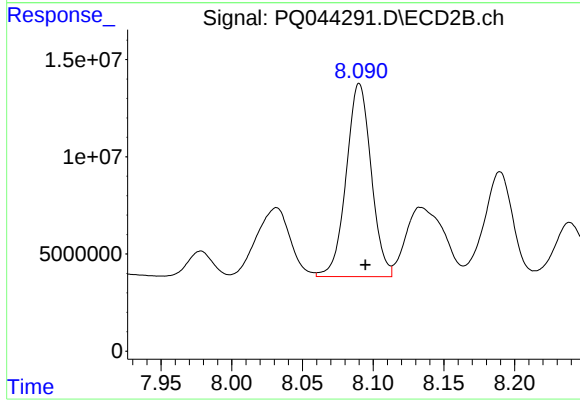
#33 AR-1260-3

R.T.: 7.603 min
Delta R.T.: -0.003 min
Response: 154736095
Conc: 549.84 ng/ml



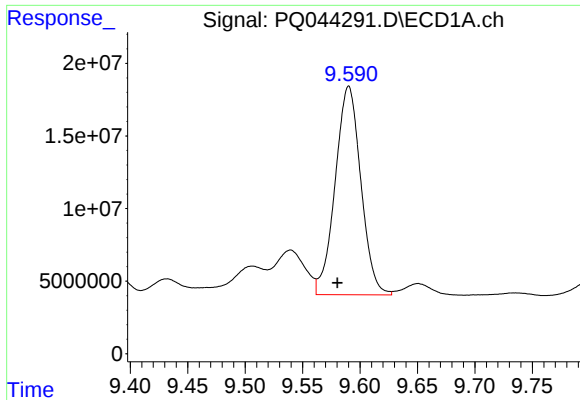
#34 AR-1260-4

R.T.: 9.236 min
Delta R.T.: 0.008 min
Response: 110911790
Conc: 568.04 ng/ml



#34 AR-1260-4

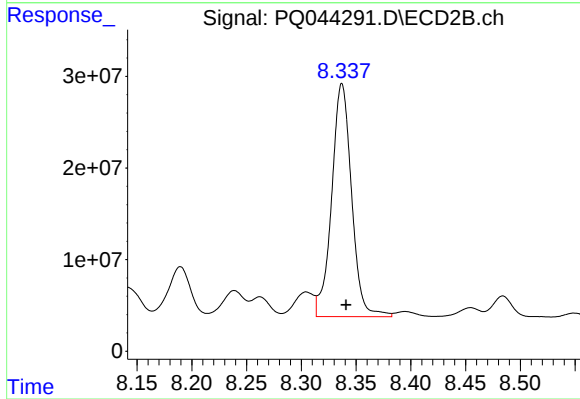
R.T.: 8.090 min
Delta R.T.: -0.004 min
Response: 122013068
Conc: 485.00 ng/ml



#35 AR-1260-5

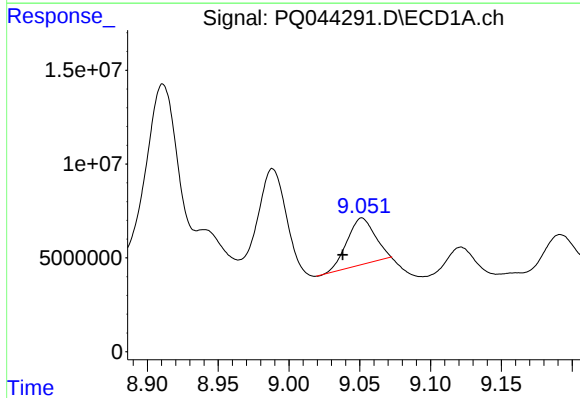
R.T.: 9.590 min
Delta R.T.: 0.010 min
Response: 223370346
Conc: 488.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



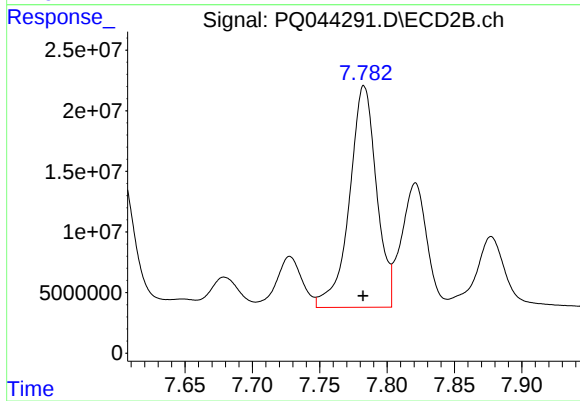
#35 AR-1260-5

R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 322413599
Conc: 503.04 ng/ml



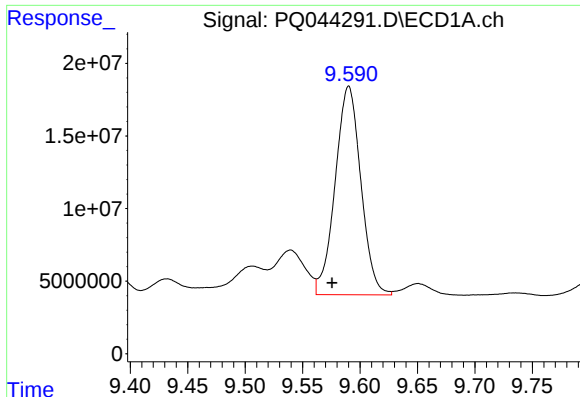
#36 AR-1262-1

R.T.: 9.052 min
Delta R.T.: 0.014 min
Response: 34388494
Conc: 316.63 ng/ml



#36 AR-1262-1

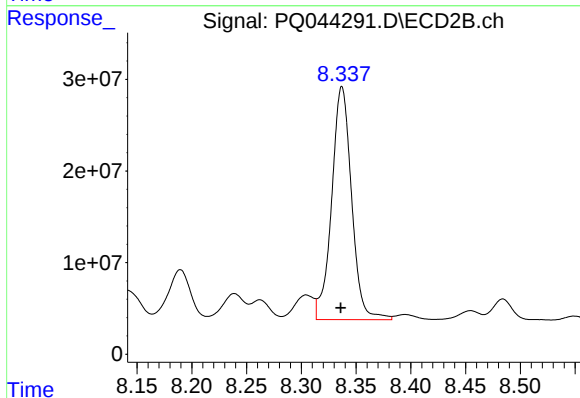
R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 256058912
Conc: 1312.13 ng/ml



#37 AR-1262-2

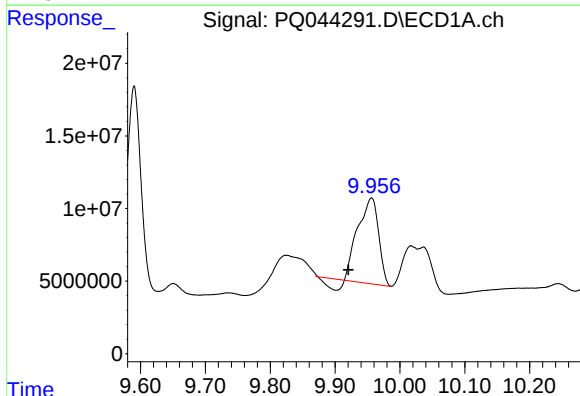
R.T.: 9.590 min
Delta R.T.: 0.014 min
Response: 223370346
Conc: 387.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



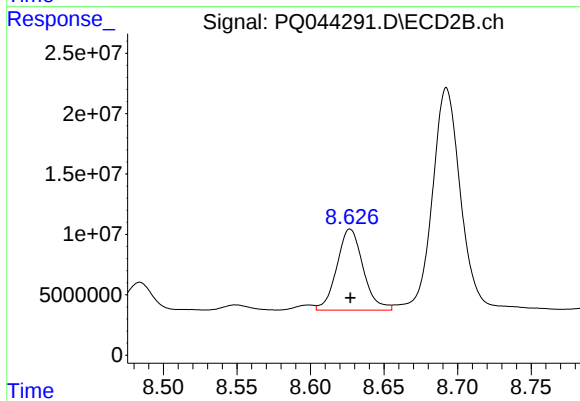
#37 AR-1262-2

R.T.: 8.337 min
Delta R.T.: 0.001 min
Response: 322413599
Conc: 407.50 ng/ml



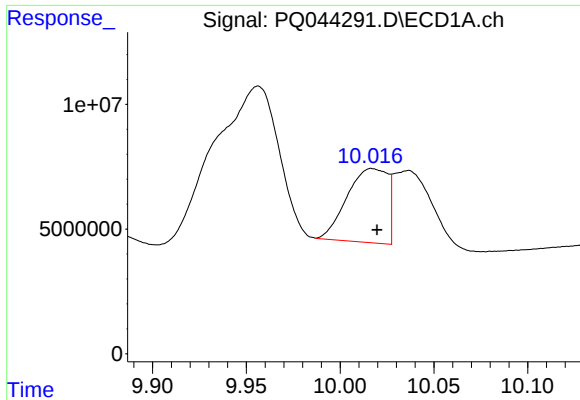
#38 AR-1262-3

R.T.: 9.956 min
Delta R.T.: 0.036 min
Response: 122453880
Conc: 295.17 ng/ml



#38 AR-1262-3

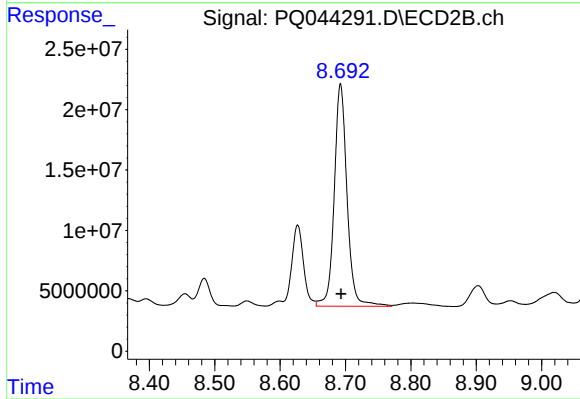
R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 83649014
Conc: 263.76 ng/ml



#39 AR-1262-4

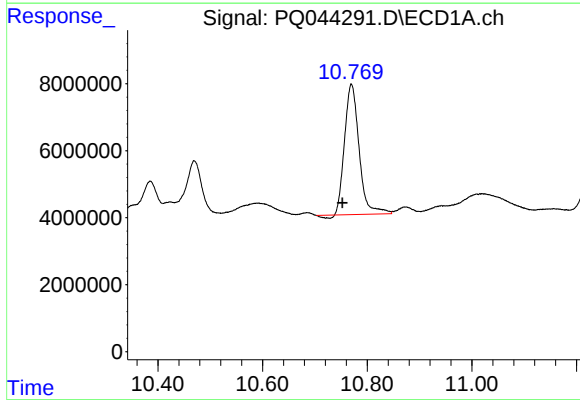
R.T.: 10.018 min
Delta R.T.: -0.002 min
Response: 44650856
Conc: 141.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



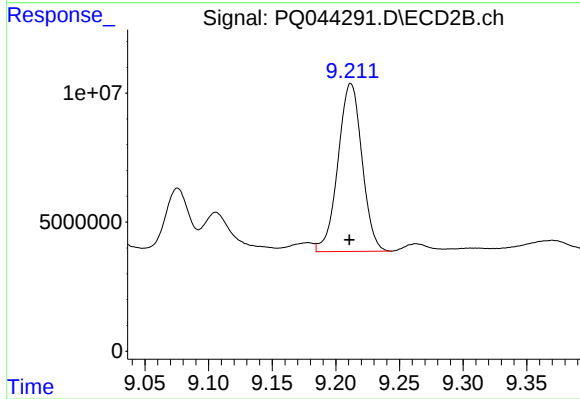
#39 AR-1262-4

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 250637491
Conc: 411.26 ng/ml



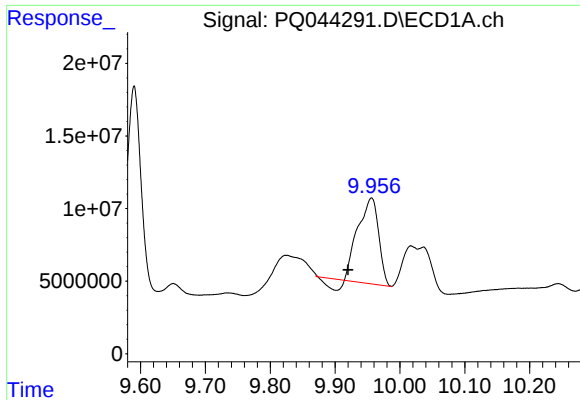
#40 AR-1262-5

R.T.: 10.770 min
Delta R.T.: 0.017 min
Response: 74825836
Conc: 294.37 ng/ml



#40 AR-1262-5

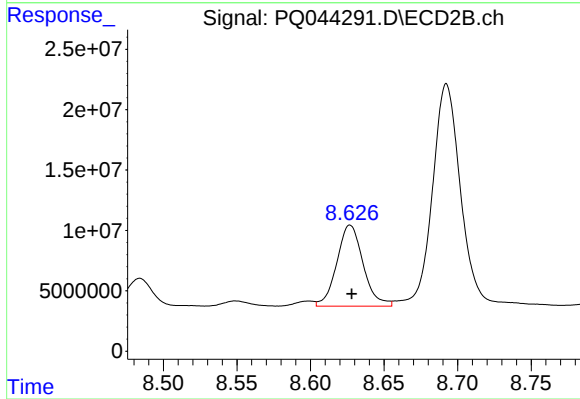
R.T.: 9.212 min
Delta R.T.: 0.001 min
Response: 85424423
Conc: 304.66 ng/ml



#41 AR-1268-1

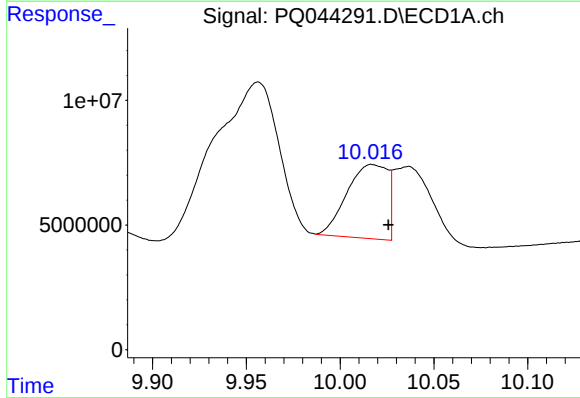
R.T.: 9.956 min
Delta R.T.: 0.036 min
Response: 122453880
Conc: 171.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



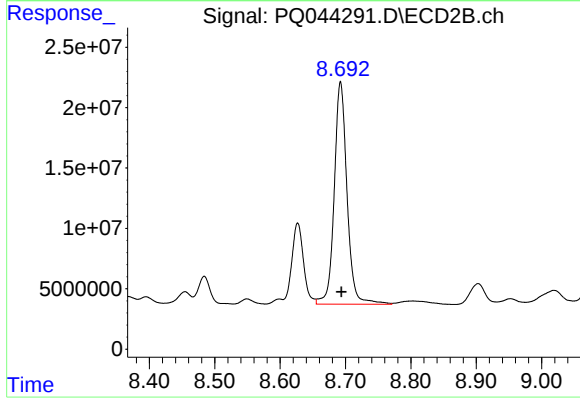
#41 AR-1268-1

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 83649014
Conc: 86.73 ng/ml



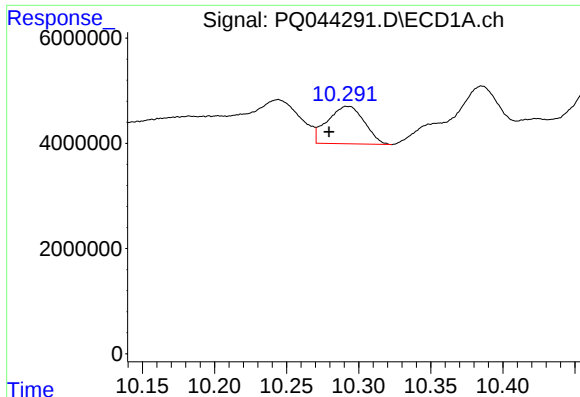
#42 AR-1268-2

R.T.: 10.018 min
Delta R.T.: -0.008 min
Response: 44650856
Conc: 65.70 ng/ml



#42 AR-1268-2

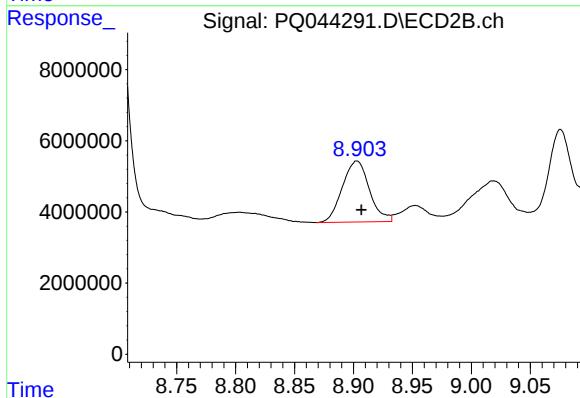
R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 250637491
Conc: 275.62 ng/ml



#43 AR-1268-3

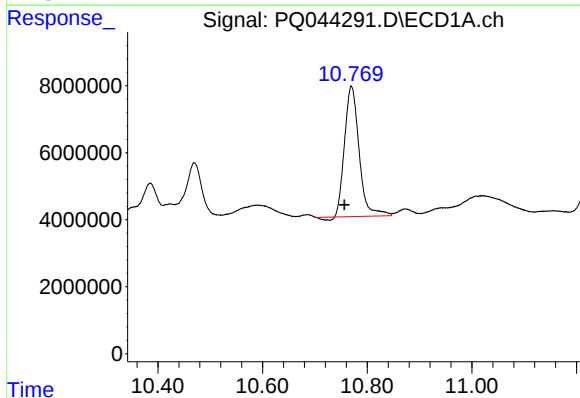
R.T.: 10.292 min
Delta R.T.: 0.013 min
Response: 12602194
Conc: 21.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



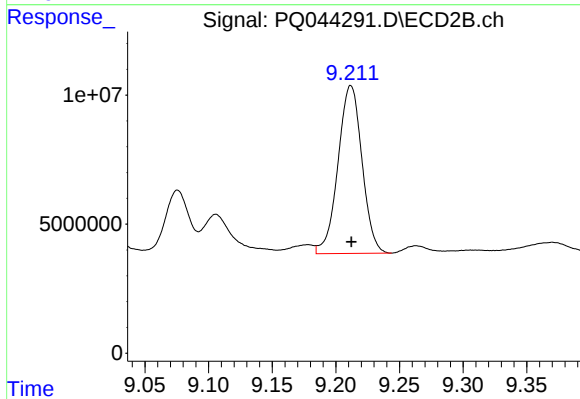
#43 AR-1268-3

R.T.: 8.903 min
Delta R.T.: -0.004 min
Response: 27456355
Conc: 36.25 ng/ml



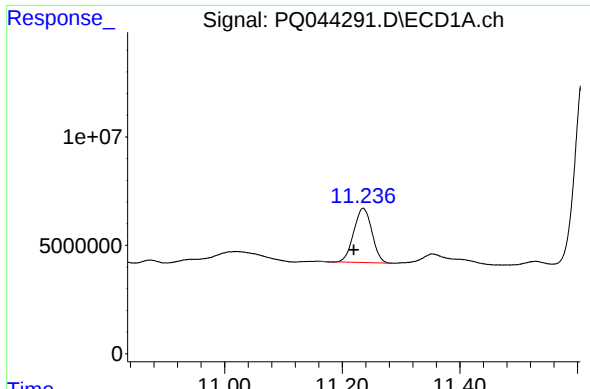
#44 AR-1268-4

R.T.: 10.770 min
Delta R.T.: 0.014 min
Response: 74825836
Conc: 259.72 ng/ml



#44 AR-1268-4

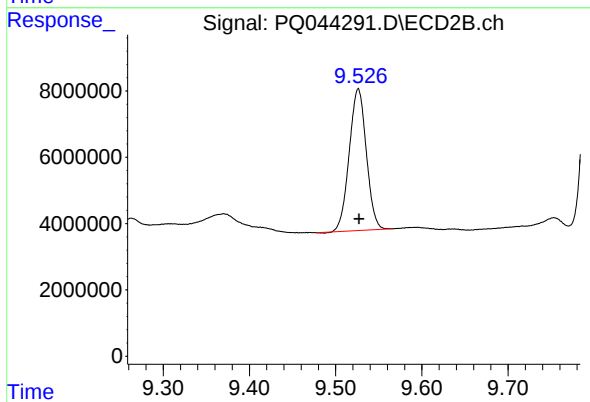
R.T.: 9.212 min
Delta R.T.: 0.000 min
Response: 85424423
Conc: 261.24 ng/ml



#45 AR-1268-5

R.T.: 11.236 min
Delta R.T.: 0.016 min
Response: 53558573
Conc: 24.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFB69



#45 AR-1268-5

R.T.: 9.526 min
Delta R.T.: -0.001 min
Response: 58912709
Conc: 22.62 ng/ml