

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052019\
 Data File : PQ040014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2019 10:27
 Operator : SM\AJ
 Sample : K2947-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETME8MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 00:36:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 18 00:58:45 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...	5.606	4.730	142.1E6	96869720	21.082	20.169
2)	SA Decachlor...	11.943	10.466	158.2E6	94576823	25.327	24.497
Target Compounds							
3)	L1 AR-1016-1	7.083	6.180	155.0E6	84391788	480.101	332.267 #
4)	L1 AR-1016-2	7.083	6.202	155.0E6	120.6E6	327.204	331.583
5)	L1 AR-1016-3	7.154	6.416	91774137	59720795	323.813	325.678
6)	L1 AR-1016-4	7.268	6.470	63373129	47170902	272.674	364.221 #
7)	L1 AR-1016-5	7.601	6.722	48624445	60850011	217.466	323.548 #
8)	L2 AR-1221-1	5.885	5.033	8875650	7257552	126.913	143.249
9)	L2 AR-1221-2	6.000	5.152	12799943	9743402	265.509	285.484
10)	L2 AR-1221-3	6.097	5.256	56911479	40655152	346.001	334.702
11)	L3 AR-1232-1	6.097	5.256	56911479	40655152	455.823	438.011
12)	L3 AR-1232-2	6.741	6.202	80144960	120.6E6	1325.293	1301.754
13)	L3 AR-1232-3	7.083	6.416	155.0E6	59720795	1243.765	1208.798
14)	L3 AR-1232-4	7.268	6.519	63373129	58362703	1028.289	1417.594 #
15)	L3 AR-1232-5	7.372	6.722	62766813	60850011	1576.045	1353.455
16)	L4 AR-1242-1	7.083	6.180	155.0E6	84391788	986.881	683.562 #
17)	L4 AR-1242-2	7.083	6.202	155.0E6	120.6E6	670.560	685.215
18)	L4 AR-1242-3	7.154	6.416	91774137	59720795	662.388	657.638
19)	L4 AR-1242-4	7.268	6.519	63373129	58362703	556.479	689.616
20)	L4 AR-1242-5	8.091	7.130	10023181	54802119	82.944	511.136 #
21)	L5 AR-1248-1	7.083	6.180	155.0E6	84391788	1193.569	835.157 #
22)	L5 AR-1248-2	7.372	6.470	62766813	47170902	382.295	372.520
23)	L5 AR-1248-3	7.601	6.519	48624445	58362703	250.519	440.029 #
24)	L5 AR-1248-4	8.050	6.722	73507907	60850011	340.594	371.415
25)	L5 AR-1248-5	8.091	7.177	10023181	10930501	48.084	67.456 #
26)	L6 AR-1254-1	8.018	7.130	57228911	54802119	247.911	206.919
27)	L6 AR-1254-2	8.256	7.299	64977313	52710980	180.302	230.901 #
28)	L6 AR-1254-3	8.653	7.761	38153953	85063347	100.500	230.217 #
29)	L6 AR-1254-4	8.953	7.997	19045688	7917417	69.781	34.496 #
30)	L6 AR-1254-5	9.394	8.442	177.7E6	148.6E6	591.251	477.367
31)	L7 AR-1260-1	8.823	7.887	133.7E6	120.4E6	299.647	326.910
32)	L7 AR-1260-2	9.093	8.091	179.7E6	138.6E6	334.422	304.747
33)	L7 AR-1260-3	9.468	8.255	104.3E6	128.8E6	259.908	306.564
34)	L7 AR-1260-4	9.709	8.753	115.4E6	87874986	250.821	265.499
35)	L7 AR-1260-5	10.050	9.007	209.3E6	195.1E6	217.151	237.834
36)	L8 AR-1262-1	9.528	8.536	55474262	50362814	361.546	376.791
37)	L8 AR-1262-2	10.050	9.007	209.3E6	195.1E6	309.621	325.667
38)	L8 AR-1262-3	10.399	9.297	128.3E6	37288475	279.325	161.762 #
39)	L8 AR-1262-4	10.456	9.366	84817073	128.1E6	230.464	301.251 #
40)	L8 AR-1262-5	11.166	9.887	40990994	34068588	170.512	190.206
41)	L9 AR-1268-1	10.399	9.297	128.3E6	37288475	105.938	36.041 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052019\
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 Operator : SM\AJ
 Sample : K2947-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

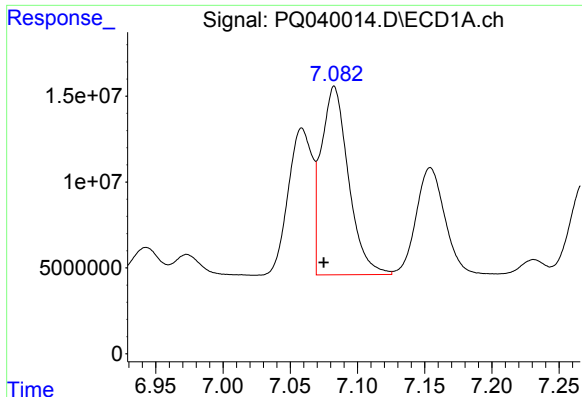
Instrument :
 ECD_Q
 ClientSampleId :
 ETME8MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 00:36:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051819CLP.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
42) L9	AR-1268-2	10.456	9.366	84817073	128.1E6	73.692	133.846 #
43) L9	AR-1268-3	10.710	9.574	6589026	4627509	6.495	5.755
44) L9	AR-1268-4	11.166	9.887	40990994	34068588	108.462	113.578
45) L9	AR-1268-5	11.596	10.198	23476417	14081429	7.084	5.728

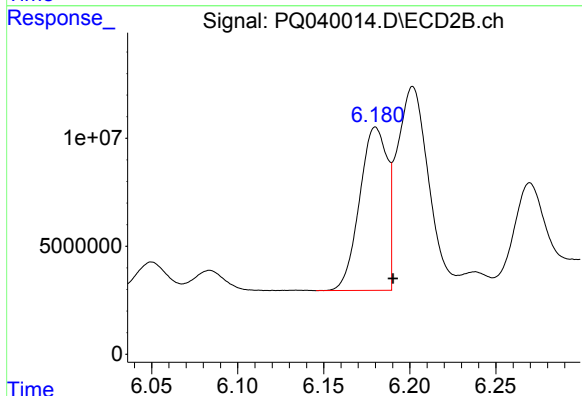
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

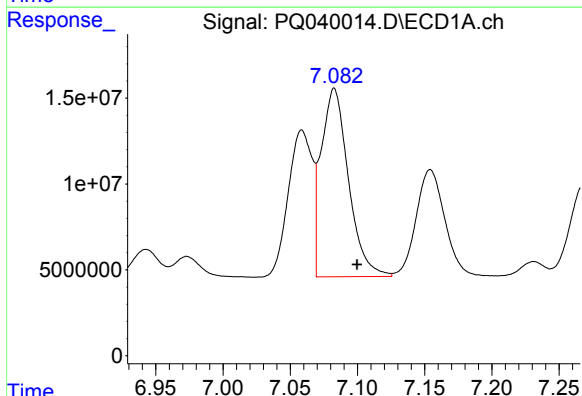
R.T.: 7.083 min
Delta R.T.: 0.008 min
Response: 155002023
Conc: 480.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



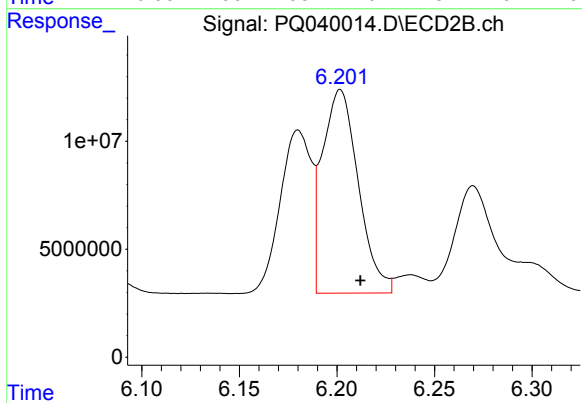
#3 AR-1016-1

R.T.: 6.180 min
Delta R.T.: -0.010 min
Response: 84391788
Conc: 332.27 ng/ml



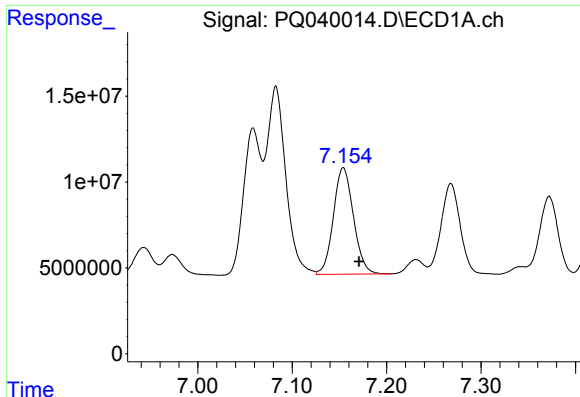
#4 AR-1016-2

R.T.: 7.083 min
Delta R.T.: -0.017 min
Response: 155002023
Conc: 327.20 ng/ml



#4 AR-1016-2

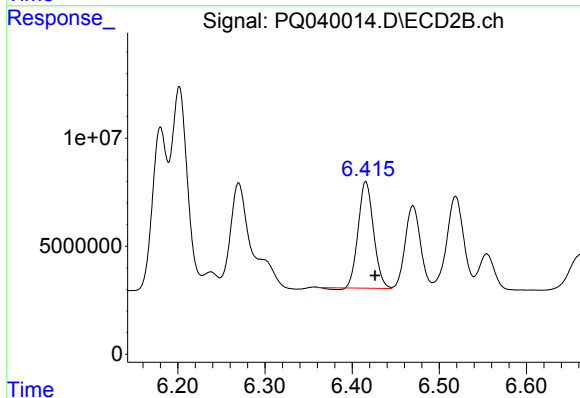
R.T.: 6.202 min
Delta R.T.: -0.010 min
Response: 120559147
Conc: 331.58 ng/ml



#5 AR-1016-3

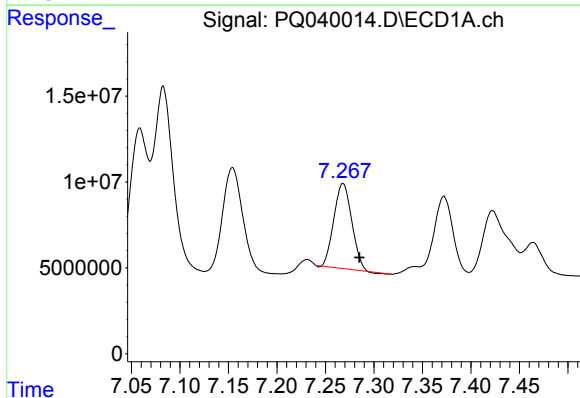
R.T.: 7.154 min
Delta R.T.: -0.017 min
Response: 91774137
Conc: 323.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



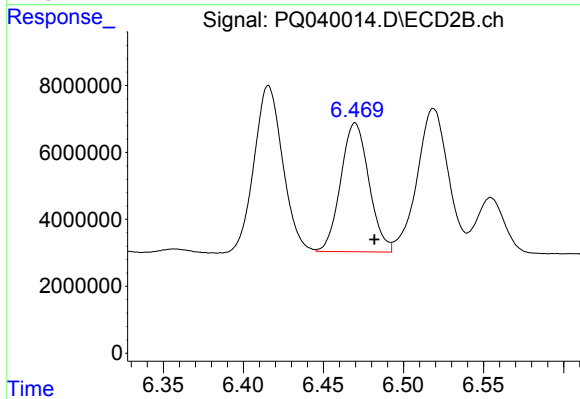
#5 AR-1016-3

R.T.: 6.416 min
Delta R.T.: -0.011 min
Response: 59720795
Conc: 325.68 ng/ml



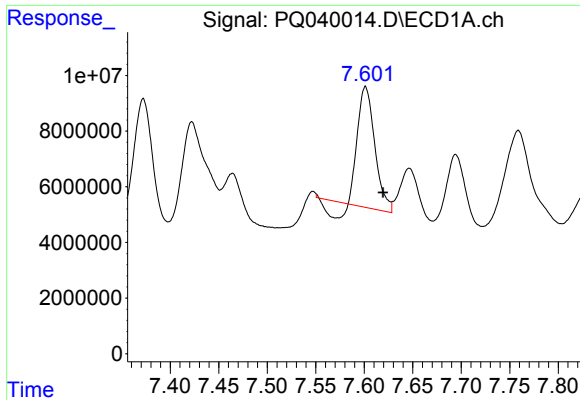
#6 AR-1016-4

R.T.: 7.268 min
Delta R.T.: -0.017 min
Response: 63373129
Conc: 272.67 ng/ml



#6 AR-1016-4

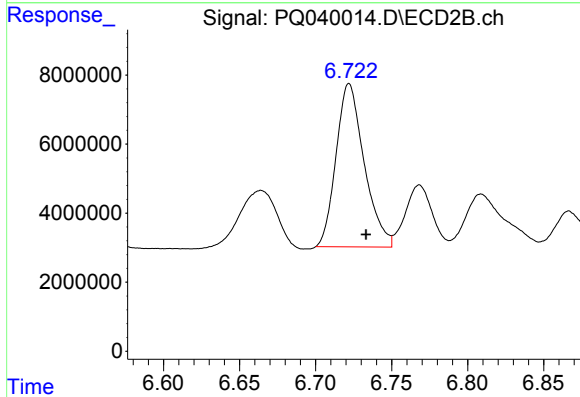
R.T.: 6.470 min
Delta R.T.: -0.012 min
Response: 47170902
Conc: 364.22 ng/ml



#7 AR-1016-5

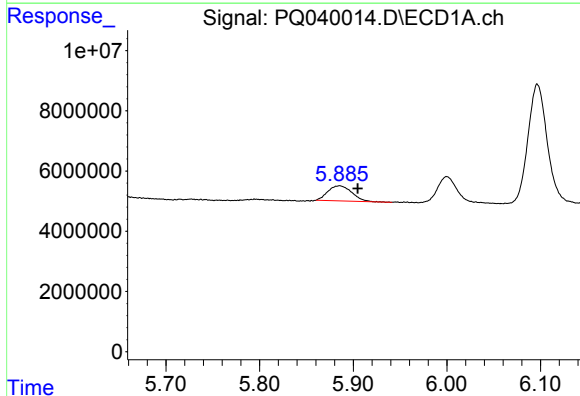
R.T.: 7.601 min
Delta R.T.: -0.018 min
Response: 48624445
Conc: 217.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



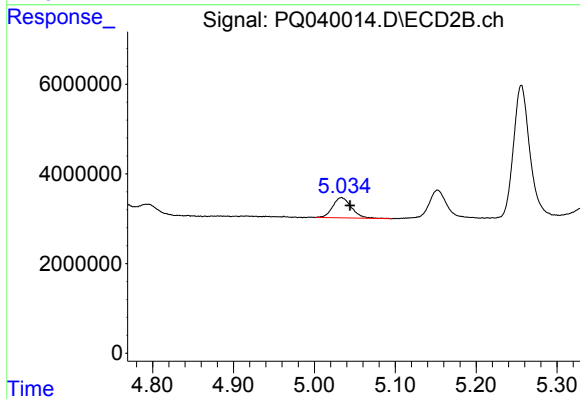
#7 AR-1016-5

R.T.: 6.722 min
Delta R.T.: -0.011 min
Response: 60850011
Conc: 323.55 ng/ml



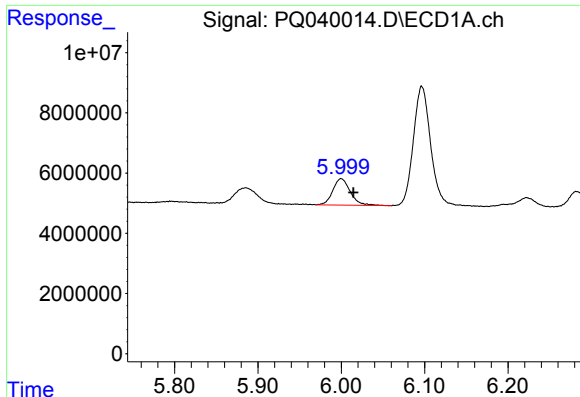
#8 AR-1221-1

R.T.: 5.885 min
Delta R.T.: -0.020 min
Response: 8875650
Conc: 126.91 ng/ml



#8 AR-1221-1

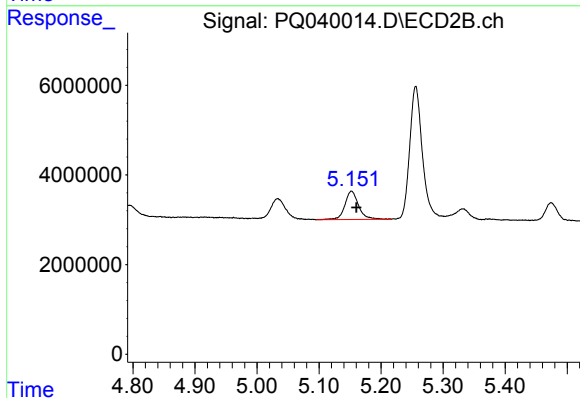
R.T.: 5.033 min
Delta R.T.: -0.011 min
Response: 7257552
Conc: 143.25 ng/ml



#9 AR-1221-2

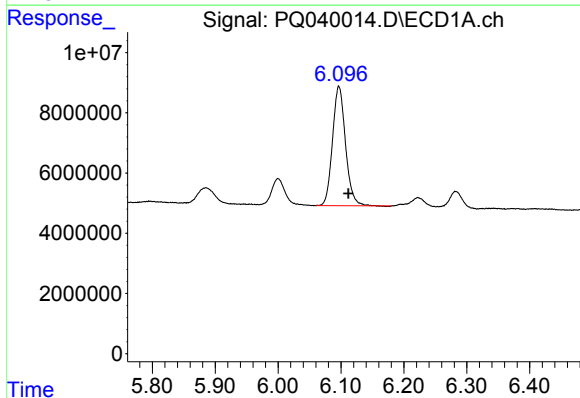
R.T.: 6.000 min
Delta R.T.: -0.015 min
Response: 12799943
Conc: 265.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



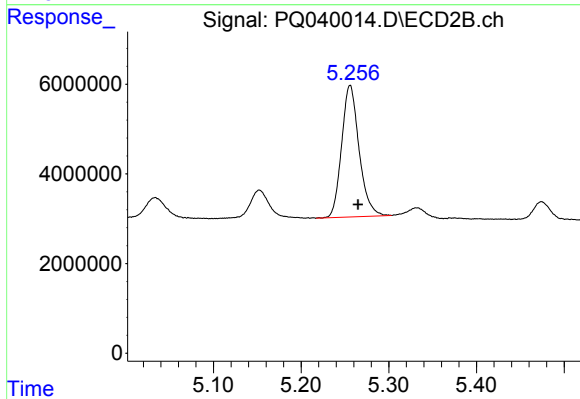
#9 AR-1221-2

R.T.: 5.152 min
Delta R.T.: -0.008 min
Response: 9743402
Conc: 285.48 ng/ml



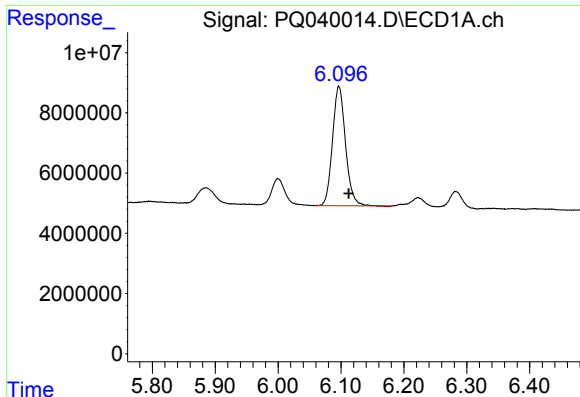
#10 AR-1221-3

R.T.: 6.097 min
Delta R.T.: -0.015 min
Response: 56911479
Conc: 346.00 ng/ml



#10 AR-1221-3

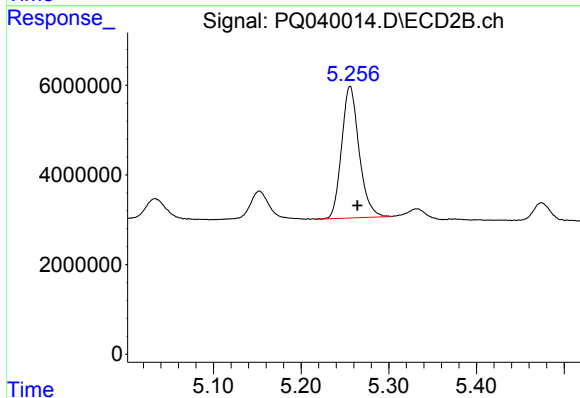
R.T.: 5.256 min
Delta R.T.: -0.009 min
Response: 40655152
Conc: 334.70 ng/ml



#11 AR-1232-1

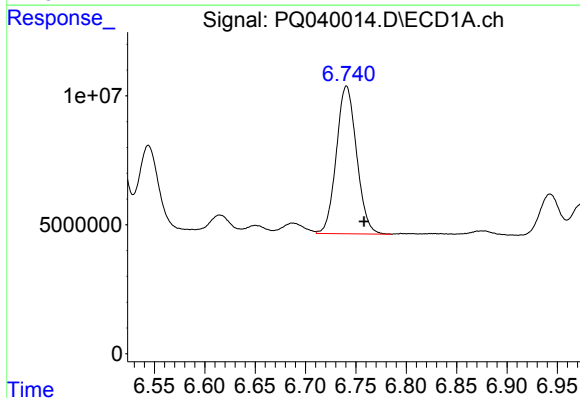
R.T.: 6.097 min
Delta R.T.: -0.015 min
Response: 56911479
Conc: 455.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



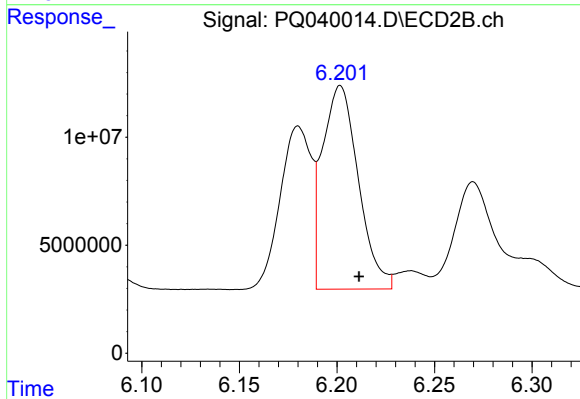
#11 AR-1232-1

R.T.: 5.256 min
Delta R.T.: -0.008 min
Response: 40655152
Conc: 438.01 ng/ml



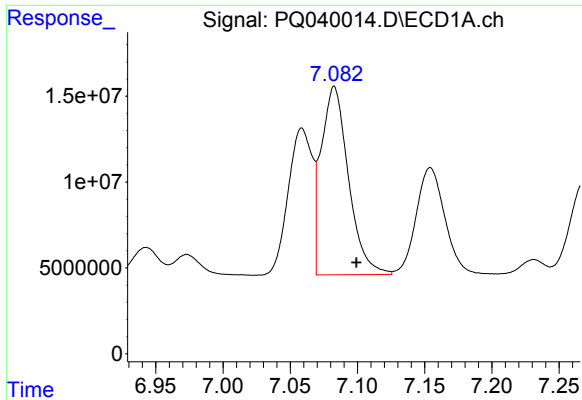
#12 AR-1232-2

R.T.: 6.741 min
Delta R.T.: -0.017 min
Response: 80144960
Conc: 1325.29 ng/ml



#12 AR-1232-2

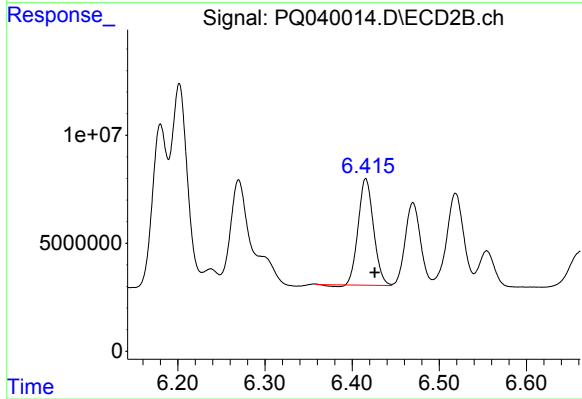
R.T.: 6.202 min
Delta R.T.: -0.010 min
Response: 120559147
Conc: 1301.75 ng/ml



#13 AR-1232-3

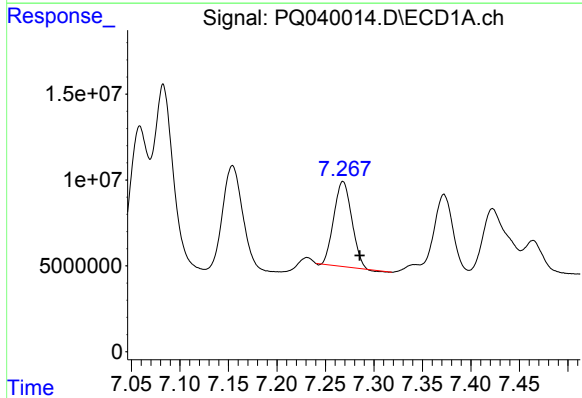
R.T.: 7.083 min
Delta R.T.: -0.016 min
Response: 155002023
Conc: 1243.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



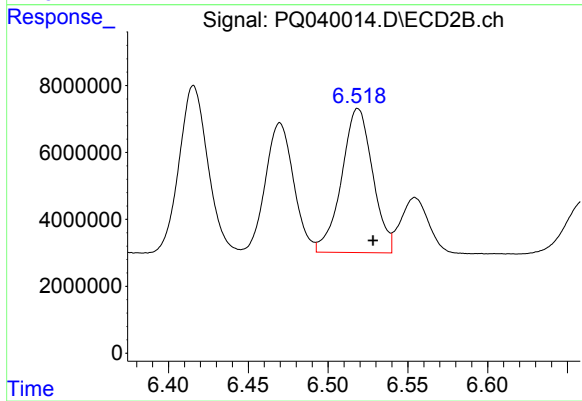
#13 AR-1232-3

R.T.: 6.416 min
Delta R.T.: -0.010 min
Response: 59720795
Conc: 1208.80 ng/ml



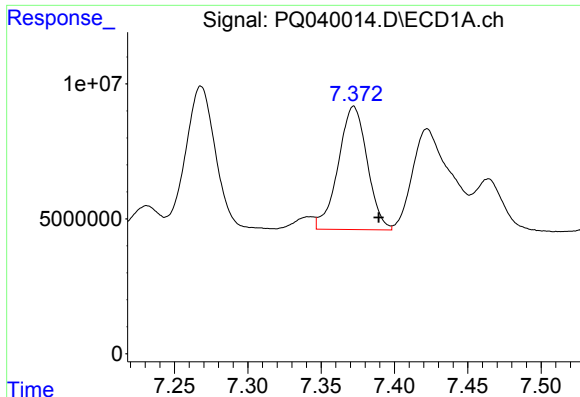
#14 AR-1232-4

R.T.: 7.268 min
Delta R.T.: -0.017 min
Response: 63373129
Conc: 1028.29 ng/ml



#14 AR-1232-4

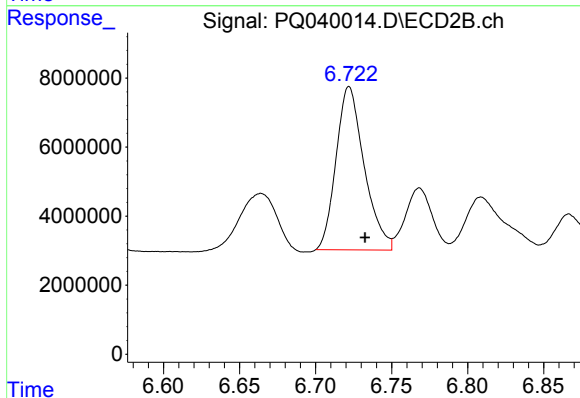
R.T.: 6.519 min
Delta R.T.: -0.009 min
Response: 58362703
Conc: 1417.59 ng/ml



#15 AR-1232-5

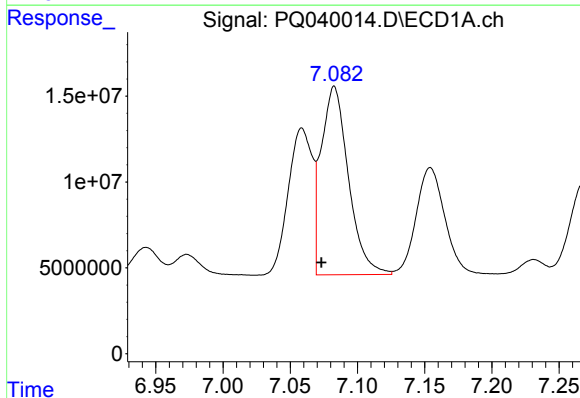
R.T.: 7.372 min
Delta R.T.: -0.017 min
Response: 62766813
Conc: 1576.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



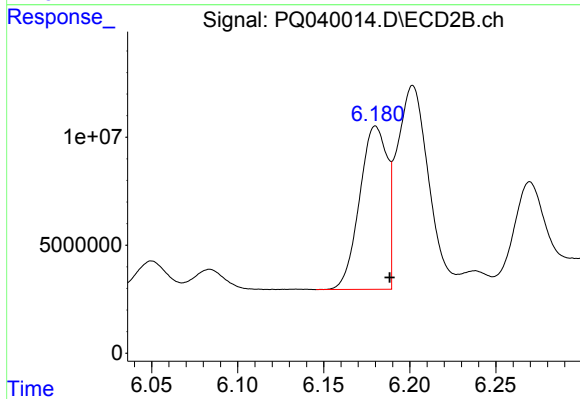
#15 AR-1232-5

R.T.: 6.722 min
Delta R.T.: -0.011 min
Response: 60850011
Conc: 1353.45 ng/ml



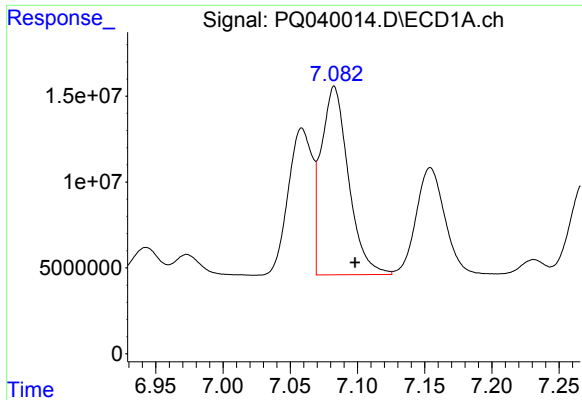
#16 AR-1242-1

R.T.: 7.083 min
Delta R.T.: 0.010 min
Response: 155002023
Conc: 986.88 ng/ml



#16 AR-1242-1

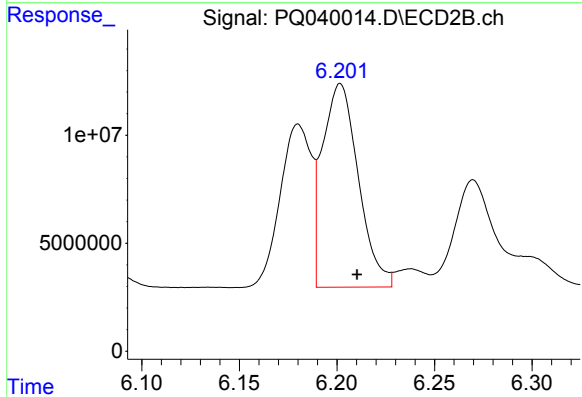
R.T.: 6.180 min
Delta R.T.: -0.008 min
Response: 84391788
Conc: 683.56 ng/ml



#17 AR-1242-2

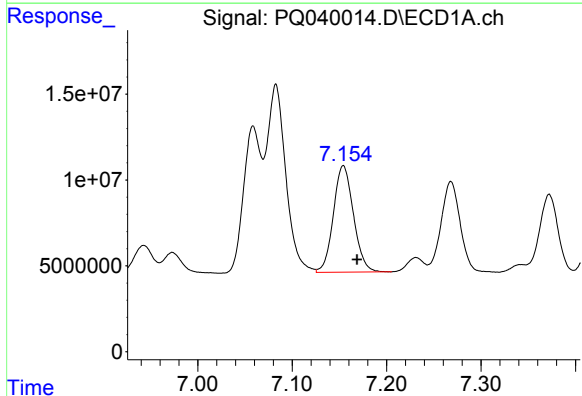
R.T.: 7.083 min
Delta R.T.: -0.015 min
Response: 155002023
Conc: 670.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



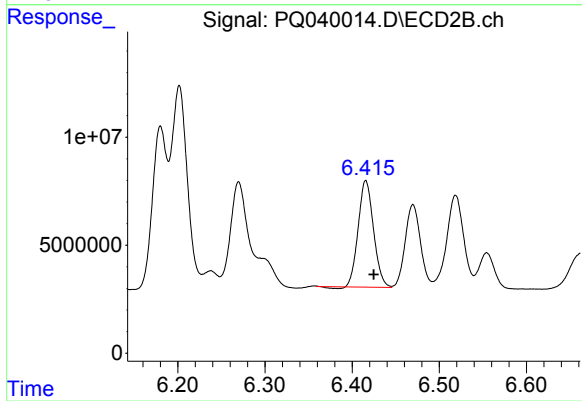
#17 AR-1242-2

R.T.: 6.202 min
Delta R.T.: -0.009 min
Response: 120559147
Conc: 685.22 ng/ml



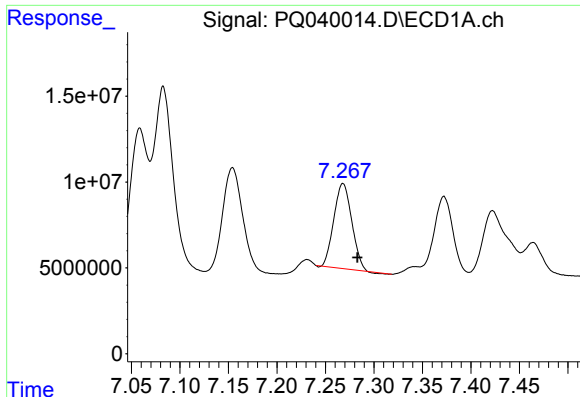
#18 AR-1242-3

R.T.: 7.154 min
Delta R.T.: -0.015 min
Response: 91774137
Conc: 662.39 ng/ml



#18 AR-1242-3

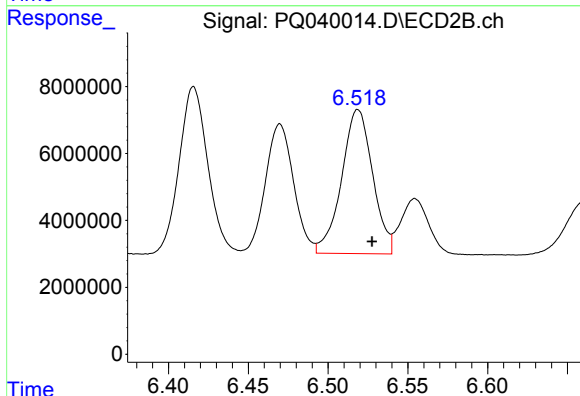
R.T.: 6.416 min
Delta R.T.: -0.009 min
Response: 59720795
Conc: 657.64 ng/ml



#19 AR-1242-4

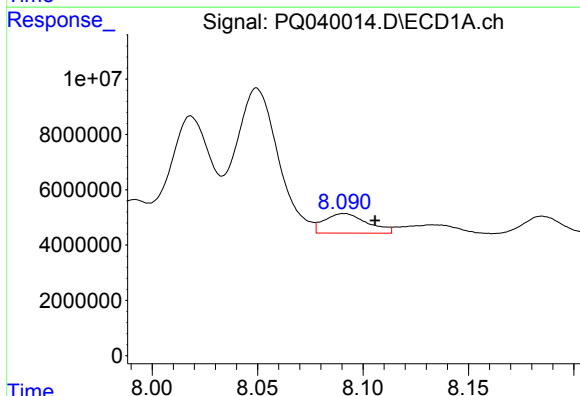
R.T.: 7.268 min
Delta R.T.: -0.015 min
Response: 63373129
Conc: 556.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



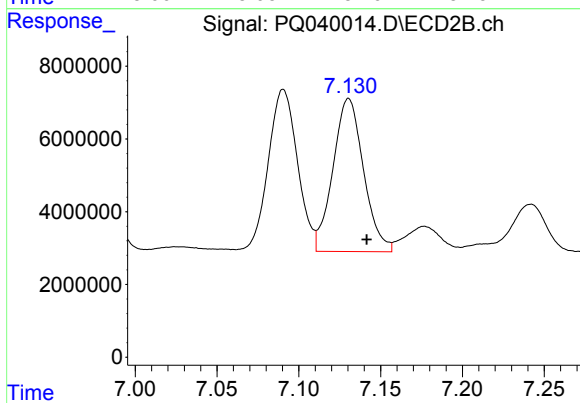
#19 AR-1242-4

R.T.: 6.519 min
Delta R.T.: -0.009 min
Response: 58362703
Conc: 689.62 ng/ml



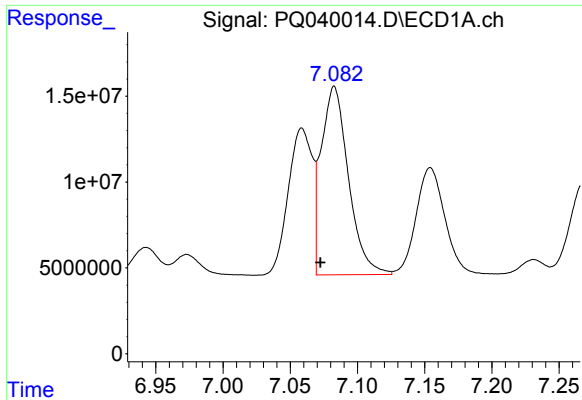
#20 AR-1242-5

R.T.: 8.091 min
Delta R.T.: -0.015 min
Response: 10023181
Conc: 82.94 ng/ml



#20 AR-1242-5

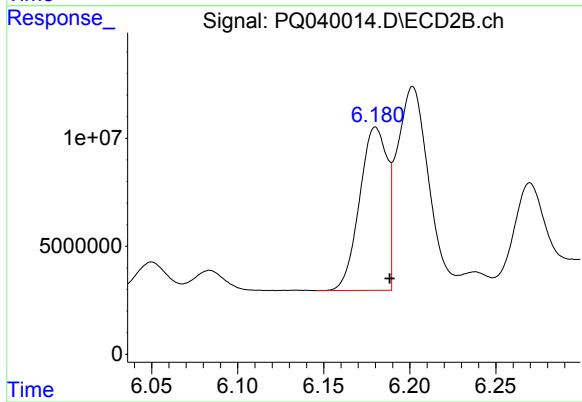
R.T.: 7.130 min
Delta R.T.: -0.011 min
Response: 54802119
Conc: 511.14 ng/ml



#21 AR-1248-1

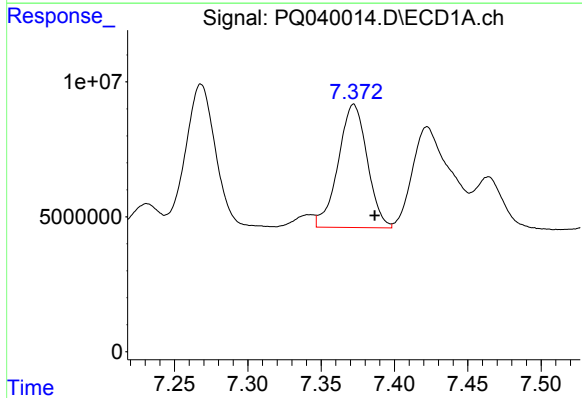
R.T.: 7.083 min
Delta R.T.: 0.010 min
Response: 155002023
Conc: 1193.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



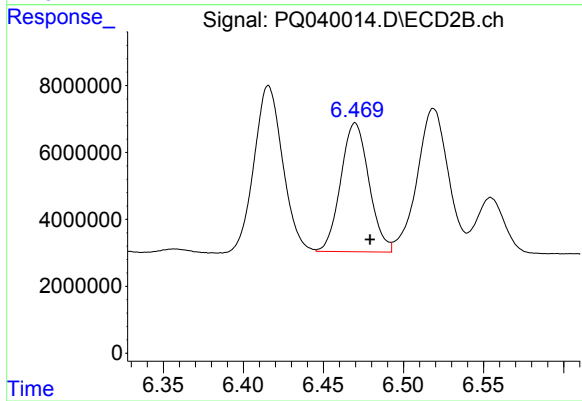
#21 AR-1248-1

R.T.: 6.180 min
Delta R.T.: -0.008 min
Response: 84391788
Conc: 835.16 ng/ml



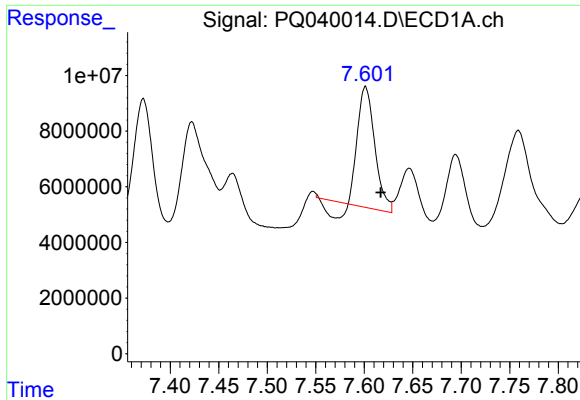
#22 AR-1248-2

R.T.: 7.372 min
Delta R.T.: -0.014 min
Response: 62766813
Conc: 382.30 ng/ml



#22 AR-1248-2

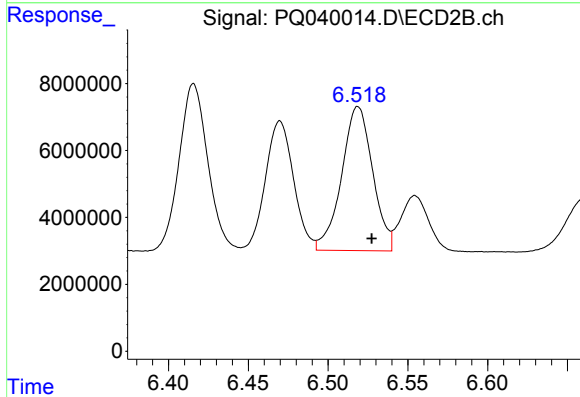
R.T.: 6.470 min
Delta R.T.: -0.009 min
Response: 47170902
Conc: 372.52 ng/ml



#23 AR-1248-3

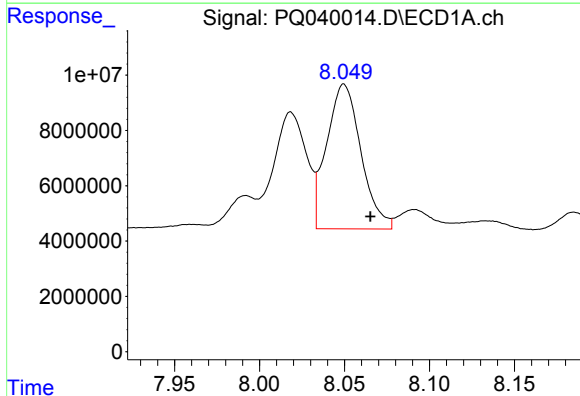
R.T.: 7.601 min
Delta R.T.: -0.016 min
Response: 48624445
Conc: 250.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



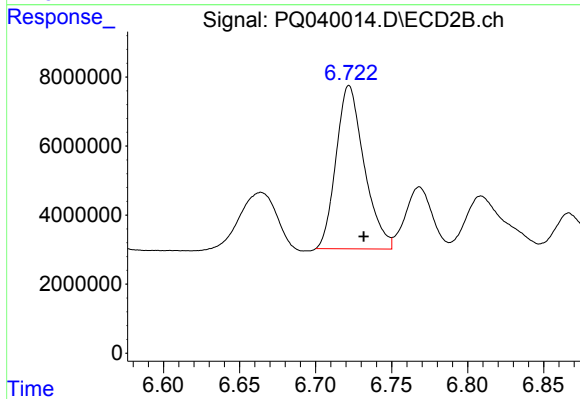
#23 AR-1248-3

R.T.: 6.519 min
Delta R.T.: -0.009 min
Response: 58362703
Conc: 440.03 ng/ml



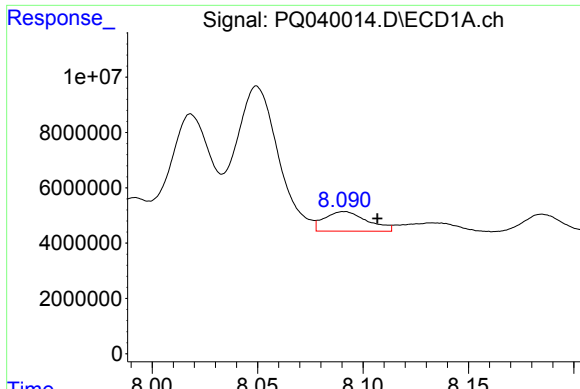
#24 AR-1248-4

R.T.: 8.050 min
Delta R.T.: -0.016 min
Response: 73507907
Conc: 340.59 ng/ml



#24 AR-1248-4

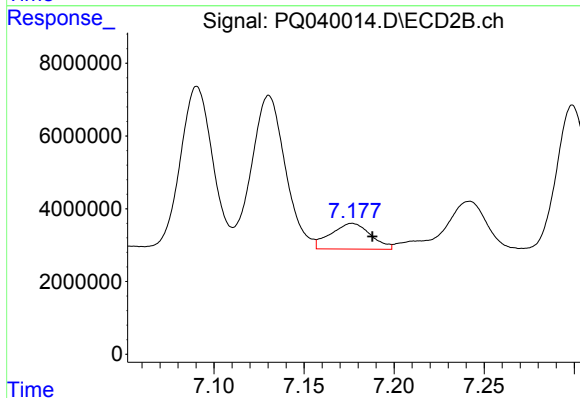
R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 60850011
Conc: 371.42 ng/ml



#25 AR-1248-5

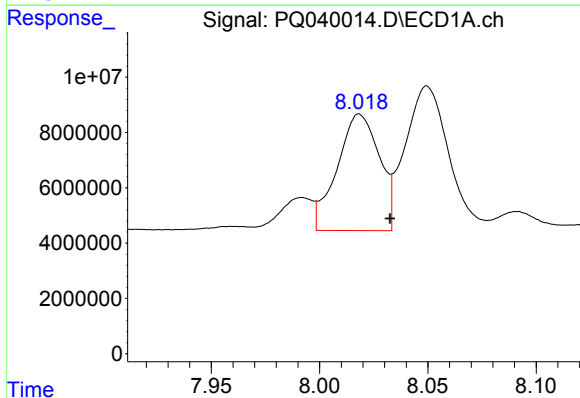
R.T.: 8.091 min
Delta R.T.: -0.016 min
Response: 10023181
Conc: 48.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



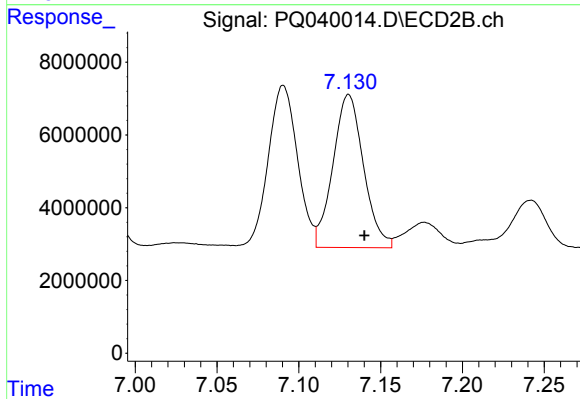
#25 AR-1248-5

R.T.: 7.177 min
Delta R.T.: -0.011 min
Response: 10930501
Conc: 67.46 ng/ml



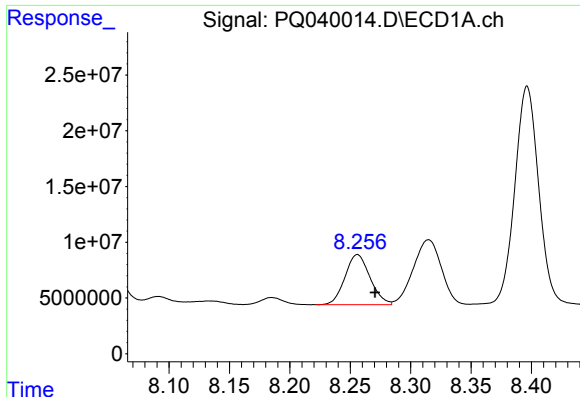
#26 AR-1254-1

R.T.: 8.018 min
Delta R.T.: -0.014 min
Response: 57228911
Conc: 247.91 ng/ml



#26 AR-1254-1

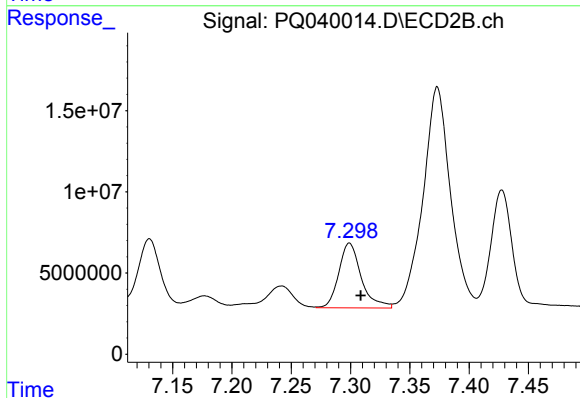
R.T.: 7.130 min
Delta R.T.: -0.010 min
Response: 54802119
Conc: 206.92 ng/ml



#27 AR-1254-2

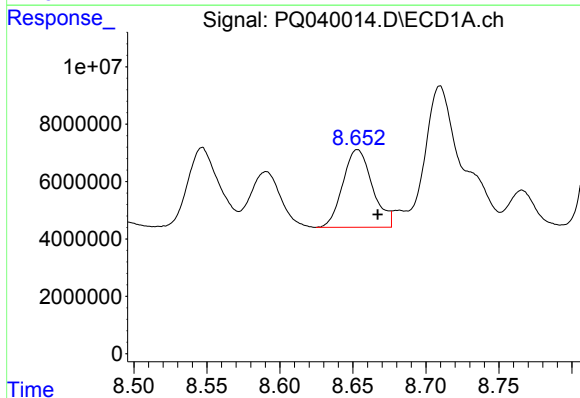
R.T.: 8.256 min
Delta R.T.: -0.015 min
Response: 64977313
Conc: 180.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



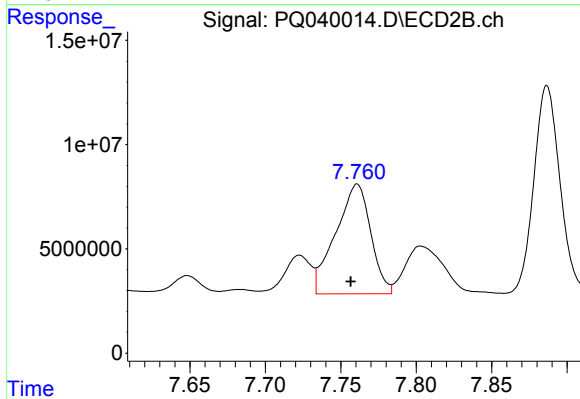
#27 AR-1254-2

R.T.: 7.299 min
Delta R.T.: -0.010 min
Response: 52710980
Conc: 230.90 ng/ml



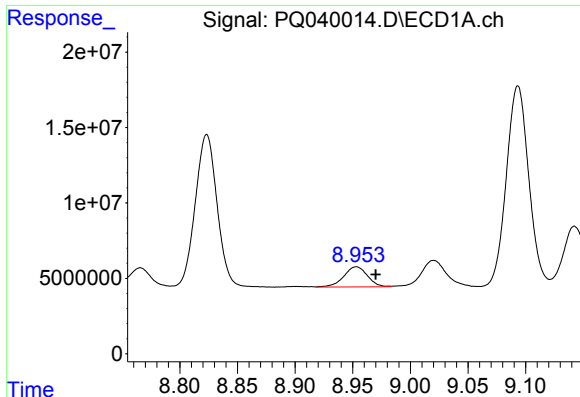
#28 AR-1254-3

R.T.: 8.653 min
Delta R.T.: -0.014 min
Response: 38153953
Conc: 100.50 ng/ml



#28 AR-1254-3

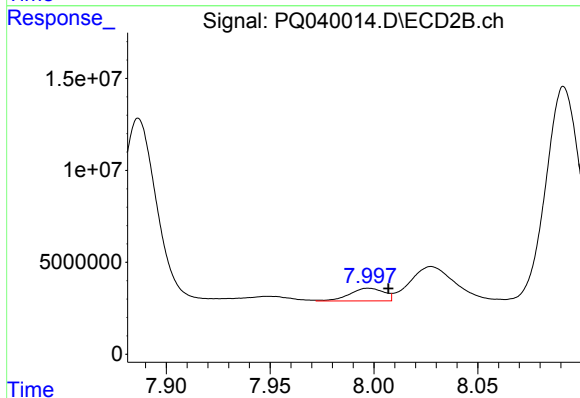
R.T.: 7.761 min
Delta R.T.: 0.004 min
Response: 85063347
Conc: 230.22 ng/ml



#29 AR-1254-4

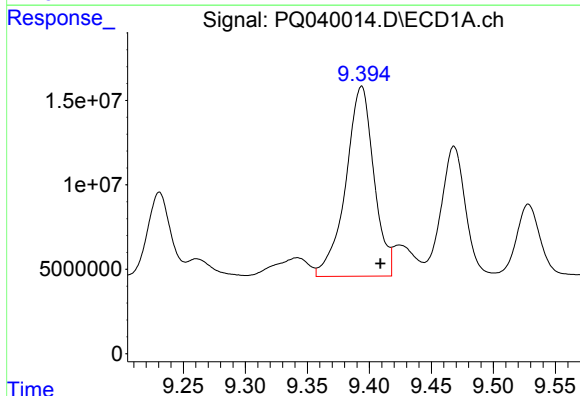
R.T.: 8.953 min
Delta R.T.: -0.017 min
Response: 19045688
Conc: 69.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



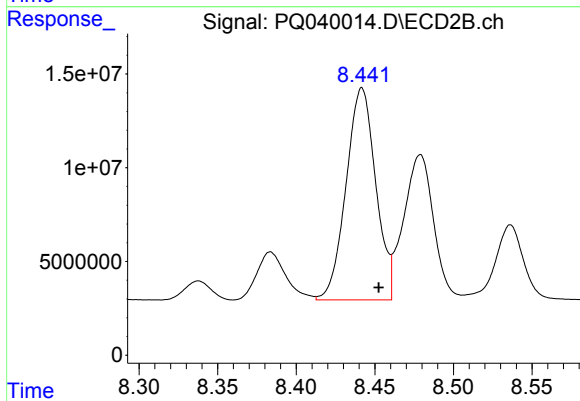
#29 AR-1254-4

R.T.: 7.997 min
Delta R.T.: -0.010 min
Response: 7917417
Conc: 34.50 ng/ml



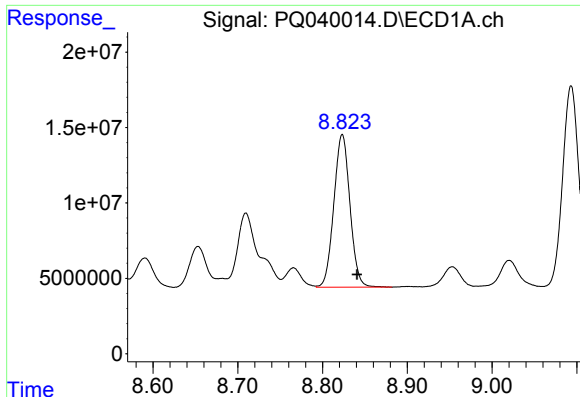
#30 AR-1254-5

R.T.: 9.394 min
Delta R.T.: -0.015 min
Response: 177683017
Conc: 591.25 ng/ml



#30 AR-1254-5

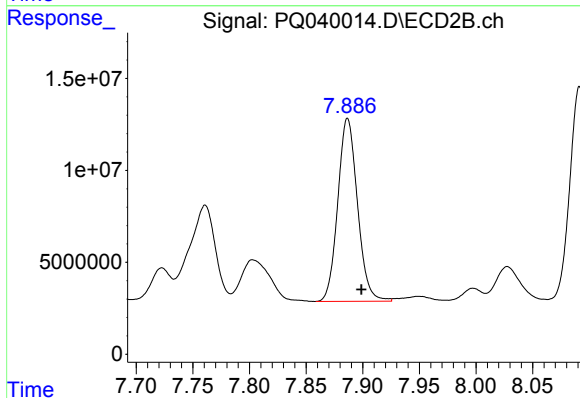
R.T.: 8.442 min
Delta R.T.: -0.011 min
Response: 148624128
Conc: 477.37 ng/ml



#31 AR-1260-1

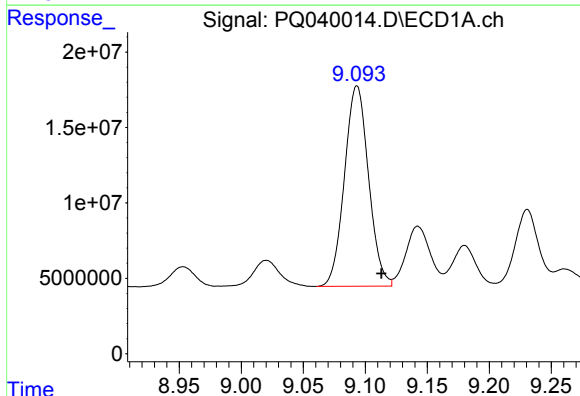
R.T.: 8.823 min
Delta R.T.: -0.018 min
Response: 133701209
Conc: 299.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



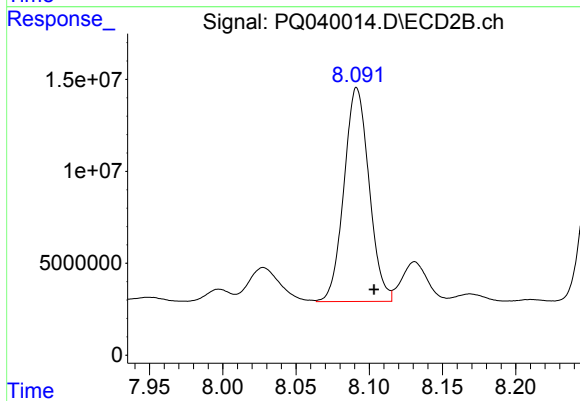
#31 AR-1260-1

R.T.: 7.887 min
Delta R.T.: -0.012 min
Response: 120427430
Conc: 326.91 ng/ml



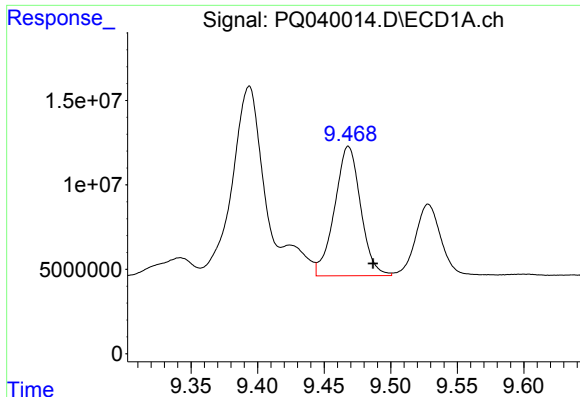
#32 AR-1260-2

R.T.: 9.093 min
Delta R.T.: -0.020 min
Response: 179734593
Conc: 334.42 ng/ml



#32 AR-1260-2

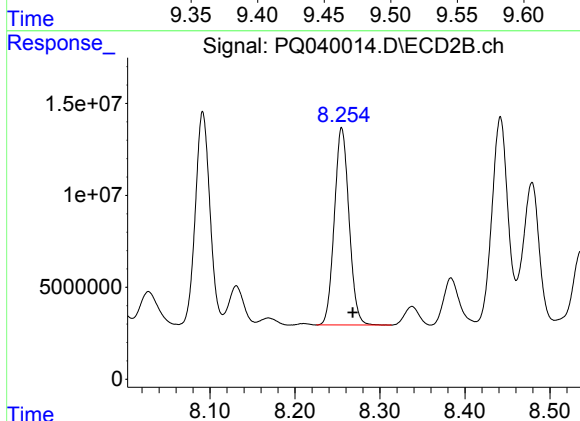
R.T.: 8.091 min
Delta R.T.: -0.012 min
Response: 138633458
Conc: 304.75 ng/ml



#33 AR-1260-3

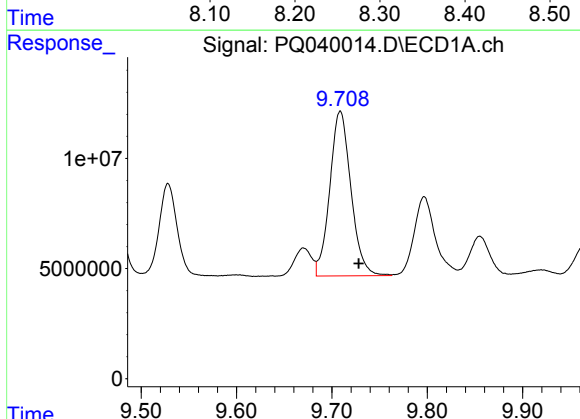
R.T.: 9.468 min
Delta R.T.: -0.019 min
Response: 104276336
Conc: 259.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



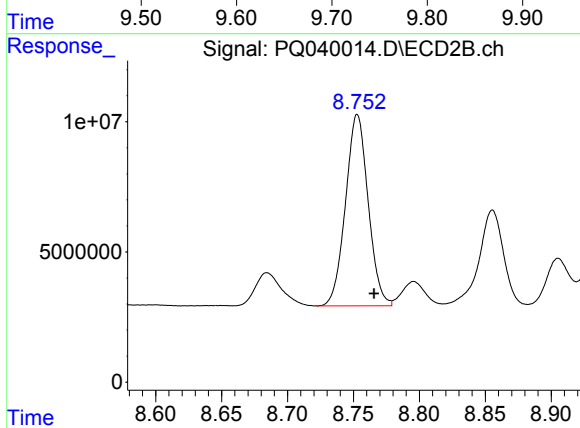
#33 AR-1260-3

R.T.: 8.255 min
Delta R.T.: -0.013 min
Response: 128773293
Conc: 306.56 ng/ml



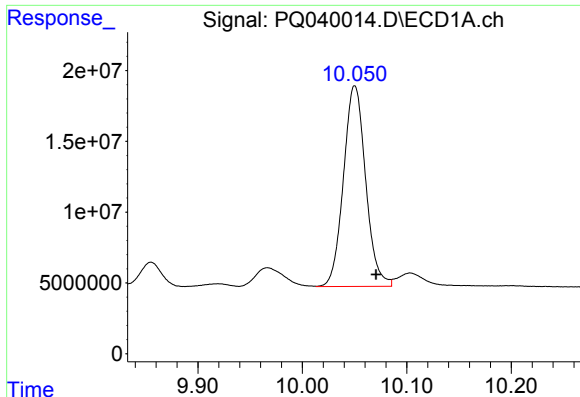
#34 AR-1260-4

R.T.: 9.709 min
Delta R.T.: -0.019 min
Response: 115359562
Conc: 250.82 ng/ml



#34 AR-1260-4

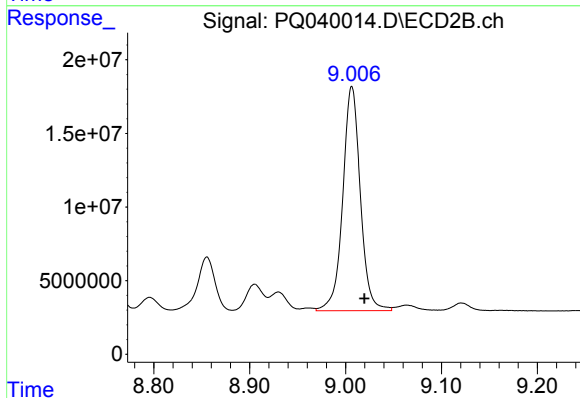
R.T.: 8.753 min
Delta R.T.: -0.013 min
Response: 87874986
Conc: 265.50 ng/ml



#35 AR-1260-5

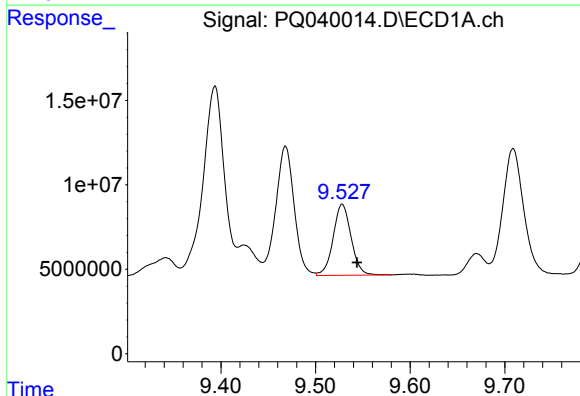
R.T.: 10.050 min
Delta R.T.: -0.020 min
Response: 209339056
Conc: 217.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



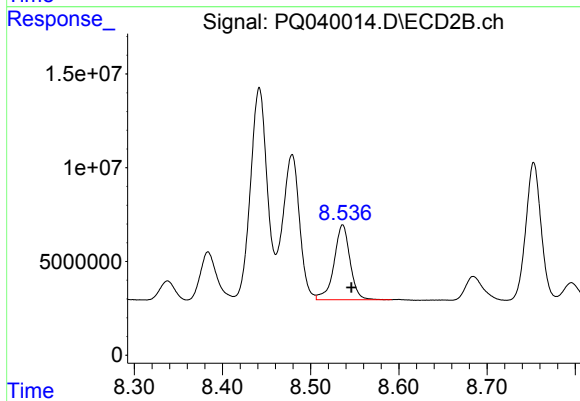
#35 AR-1260-5

R.T.: 9.007 min
Delta R.T.: -0.013 min
Response: 195092129
Conc: 237.83 ng/ml



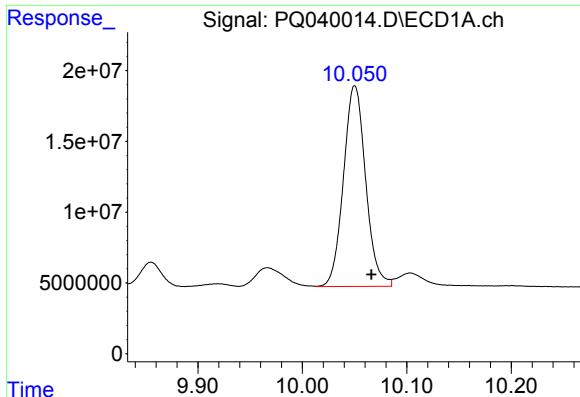
#36 AR-1262-1

R.T.: 9.528 min
Delta R.T.: -0.016 min
Response: 55474262
Conc: 361.55 ng/ml



#36 AR-1262-1

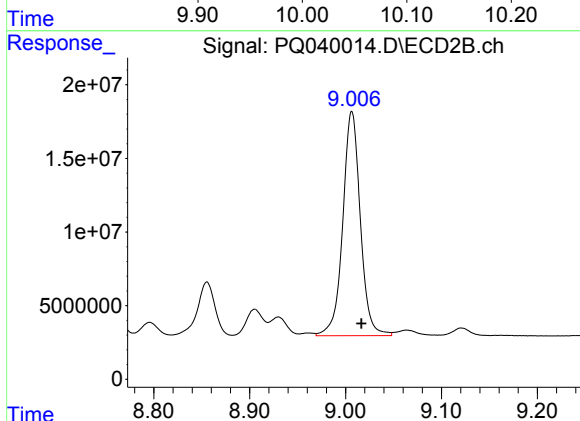
R.T.: 8.536 min
Delta R.T.: -0.010 min
Response: 50362814
Conc: 376.79 ng/ml



#37 AR-1262-2

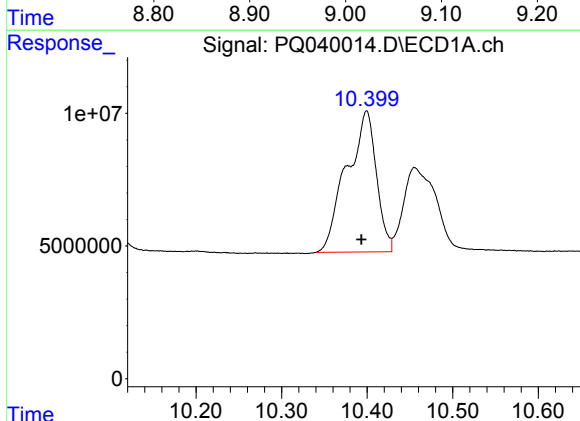
R.T.: 10.050 min
Delta R.T.: -0.016 min
Response: 209339056
Conc: 309.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



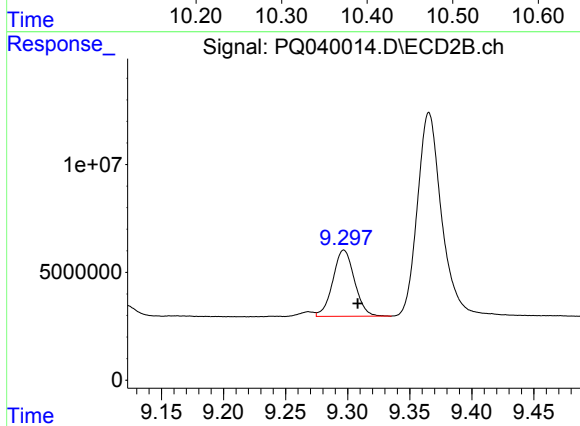
#37 AR-1262-2

R.T.: 9.007 min
Delta R.T.: -0.010 min
Response: 195092129
Conc: 325.67 ng/ml



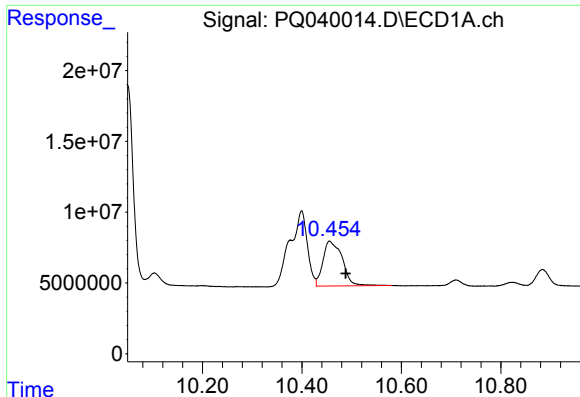
#38 AR-1262-3

R.T.: 10.399 min
Delta R.T.: 0.006 min
Response: 128289068
Conc: 279.32 ng/ml



#38 AR-1262-3

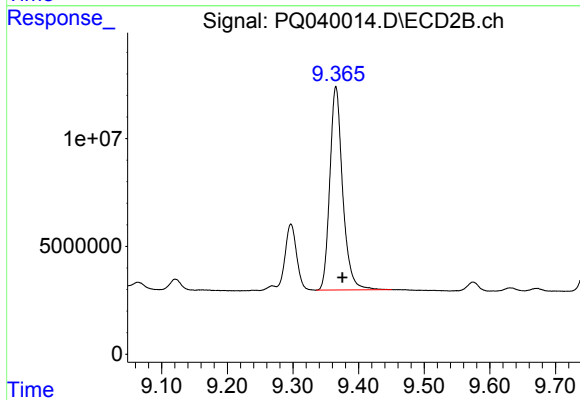
R.T.: 9.297 min
Delta R.T.: -0.011 min
Response: 37288475
Conc: 161.76 ng/ml



#39 AR-1262-4

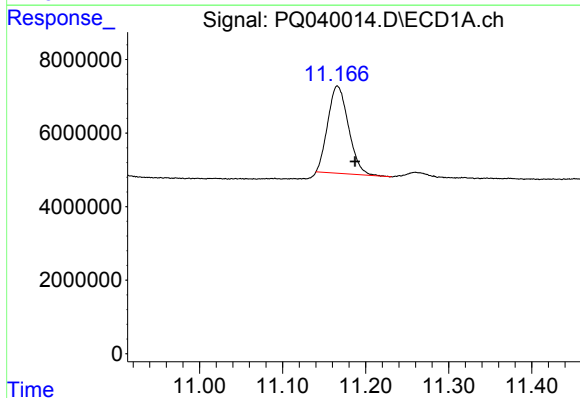
R.T.: 10.456 min
Delta R.T.: -0.033 min
Response: 84817073
Conc: 230.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



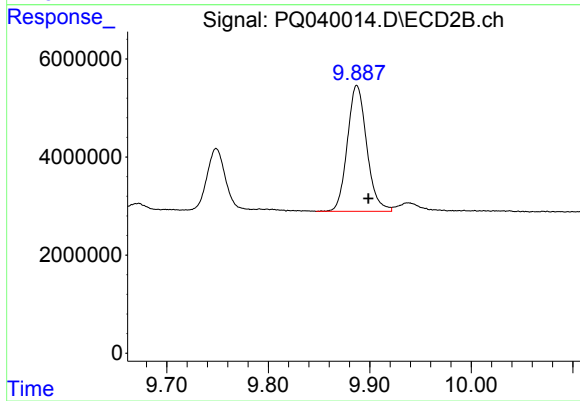
#39 AR-1262-4

R.T.: 9.366 min
Delta R.T.: -0.010 min
Response: 128079040
Conc: 301.25 ng/ml



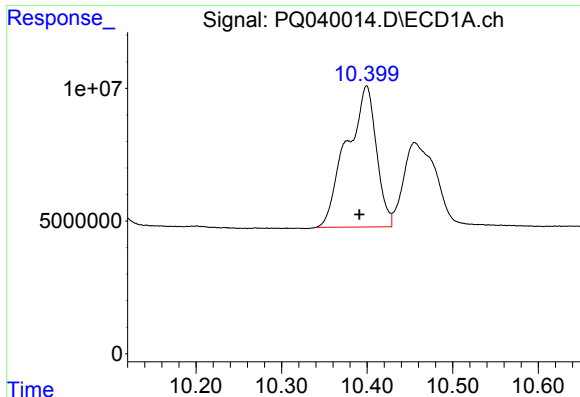
#40 AR-1262-5

R.T.: 11.166 min
Delta R.T.: -0.021 min
Response: 40990994
Conc: 170.51 ng/ml



#40 AR-1262-5

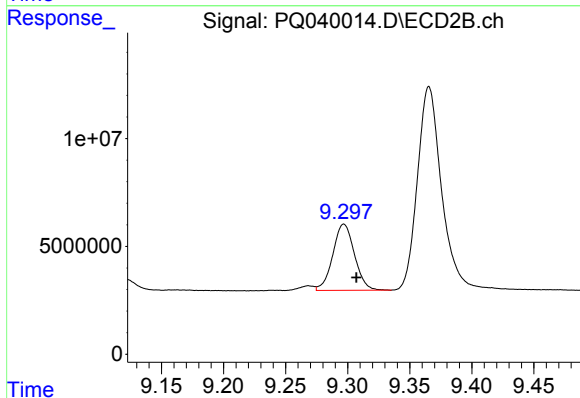
R.T.: 9.887 min
Delta R.T.: -0.011 min
Response: 34068588
Conc: 190.21 ng/ml



#41 AR-1268-1

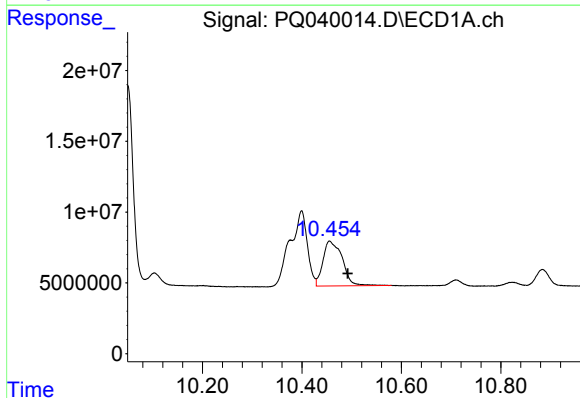
R.T.: 10.399 min
Delta R.T.: 0.008 min
Response: 128289068
Conc: 105.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



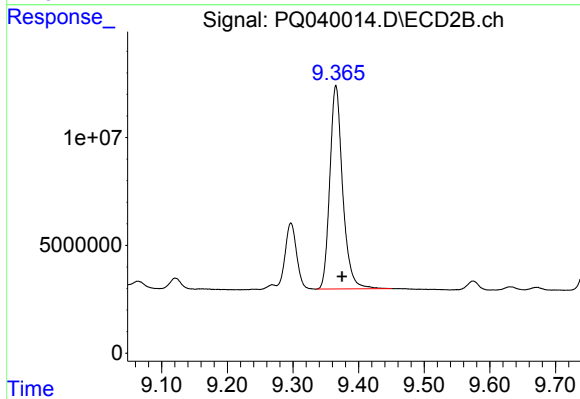
#41 AR-1268-1

R.T.: 9.297 min
Delta R.T.: -0.010 min
Response: 37288475
Conc: 36.04 ng/ml



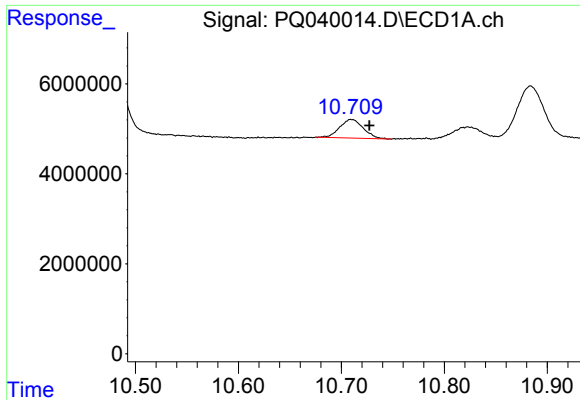
#42 AR-1268-2

R.T.: 10.456 min
Delta R.T.: -0.036 min
Response: 84817073
Conc: 73.69 ng/ml



#42 AR-1268-2

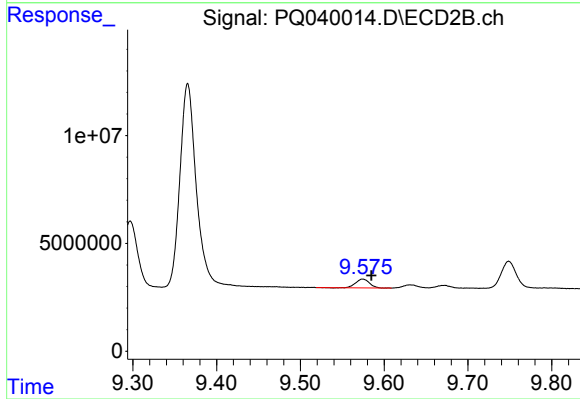
R.T.: 9.366 min
Delta R.T.: -0.009 min
Response: 128079040
Conc: 133.85 ng/ml



#43 AR-1268-3

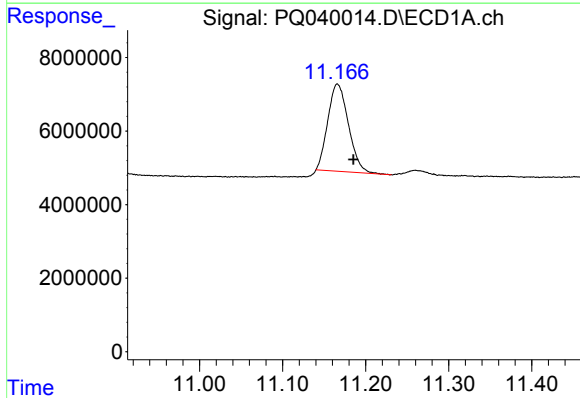
R.T.: 10.710 min
Delta R.T.: -0.018 min
Response: 6589026
Conc: 6.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



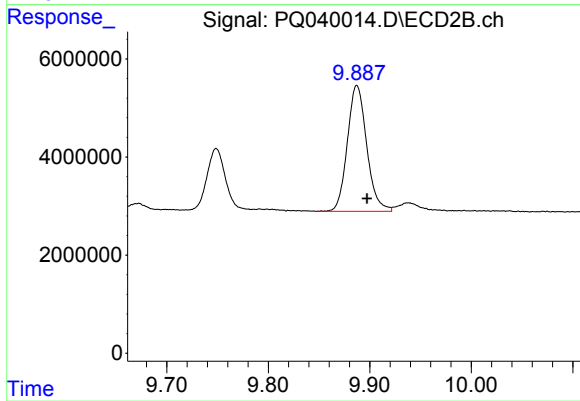
#43 AR-1268-3

R.T.: 9.574 min
Delta R.T.: -0.010 min
Response: 4627509
Conc: 5.75 ng/ml



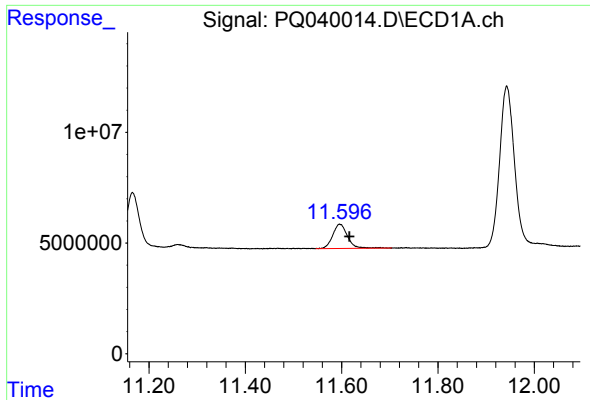
#44 AR-1268-4

R.T.: 11.166 min
Delta R.T.: -0.019 min
Response: 40990994
Conc: 108.46 ng/ml



#44 AR-1268-4

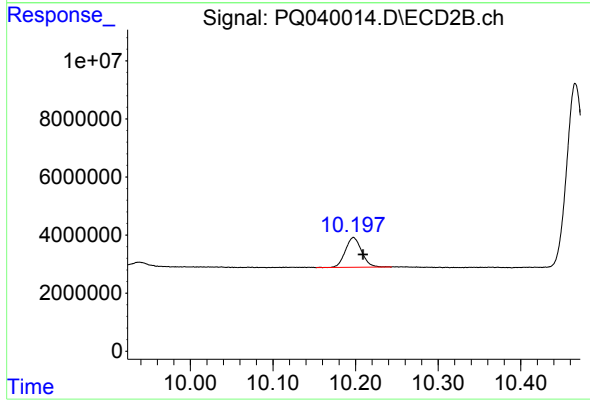
R.T.: 9.887 min
Delta R.T.: -0.010 min
Response: 34068588
Conc: 113.58 ng/ml



#45 AR-1268-5

R.T.: 11.596 min
Delta R.T.: -0.020 min
Response: 23476417
Conc: 7.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETME8MS



#45 AR-1268-5

R.T.: 10.198 min
Delta R.T.: -0.012 min
Response: 14081429
Conc: 5.73 ng/ml