

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 22:33
 Operator : SM\AJ
 Sample : K4022-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 00:26:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.705	4.763	68408232	55496761	17.870	18.461
2)	SA Decachlor...	12.107	10.522	288.4E6	144.1E6	27.881	31.614
Target Compounds							
3)	L1 AR-1016-1	7.144	6.211	93053704	75086040	533.161	513.188
4)	L1 AR-1016-2	7.207	6.276	11566831	2659644	43.860	12.778 #
5)	L1 AR-1016-3	7.207	6.451	11566831	17102729	71.500	151.478 #
6)	L1 AR-1016-4	7.404	6.510	10381010	43393527	77.028	475.988 #
7)	L1 AR-1016-5	7.748	6.765	264.3E6	318.5E6	1986.084	2650.361 #
10)	L2 AR-1221-3	0.000	5.361	0	5969408	N.D.	56.345 #
11)	L3 AR-1232-1	0.000	5.361	0	5969408	N.D.	78.687 #
12)	L3 AR-1232-2	6.800	6.276	5834757	2659644	118.161	28.470 #
13)	L3 AR-1232-3	7.207	6.451	11566831	17102729	102.198	355.322 #
14)	L3 AR-1232-4	7.404	6.555	10381010	16492570	175.628	382.528 #
15)	L3 AR-1232-5	7.461	6.765	39747419	318.5E6	1077.023	6584.900 #
16)	L4 AR-1242-1	7.144	6.211	93053704	75086040	742.890	711.457
17)	L4 AR-1242-2	7.207	6.276	11566831	2659644	60.739	17.152 #
18)	L4 AR-1242-3	7.207	6.451	11566831	17102729	97.830	204.939 #
19)	L4 AR-1242-4	7.404	6.555	10381010	16492570	105.909	202.487 #
20)	L4 AR-1242-5	8.206	7.160	228.8E6	542.6E6	1725.840	4347.119 #
21)	L5 AR-1248-1	7.144	6.211	93053704	75086040	1003.184	934.858
22)	L5 AR-1248-2	7.461	6.510	39747419	43393527	322.997	387.390
23)	L5 AR-1248-3	7.748	6.555	264.3E6	16492570	1682.982	142.882 #
24)	L5 AR-1248-4	8.150	6.765	1124.4E6	318.5E6	5205.449	2200.408 #
25)	L5 AR-1248-5	8.206	7.218	228.8E6	147.8E6	1074.412	878.067
26)	L6 AR-1254-1	8.092	7.160	31684142	542.6E6	156.309	2133.851 #
27)	L6 AR-1254-2	8.356	7.330	188.9E6	72129210	546.969	315.267 #
28)	L6 AR-1254-3	8.746	7.785	125.5E6	46684298	302.776	115.017 #
29)	L6 AR-1254-4	9.040	8.049	53844339	68312040	148.771	250.052 #
30)	L6 AR-1254-5	9.504	8.477	218.0E6	182.6E6	542.827	457.453
31)	L7 AR-1260-1	8.917	7.931	45960513	34371840	152.130	129.240
32)	L7 AR-1260-2	9.180	8.124	251.1E6	22397388	547.829	61.726 #
33)	L7 AR-1260-3	9.546	8.292	26948352	16813073	63.469	53.541
34)	L7 AR-1260-4	9.800	8.792	39426894	34556715	93.662	121.388 #
35)	L7 AR-1260-5	10.149	9.040	47588871	26214128	44.535	35.254
36)	L8 AR-1262-1	9.619	8.591	9626087	21835793	39.208	113.527 #
37)	L8 AR-1262-2	10.149	9.040	47588871	26214128	39.186	31.202
38)	L8 AR-1262-3	10.499	9.334	43330399	5375802	51.993	15.284 #
39)	L8 AR-1262-4	10.562	9.398	14038291	31446006	21.549	53.506 #
40)	L8 AR-1262-5	11.295	9.925	13848027	14053379	30.294	58.567 #
41)	L9 AR-1268-1	10.499	9.334	43330399	5375802	24.011	4.705 #
42)	L9 AR-1268-2	10.562	9.398	14038291	31446006	8.798	32.360 #
43)	L9 AR-1268-3	0.000	9.616	0	1979059	N.D.	2.479 #

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 Sample : K4022-10
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Instrument :
 ECD_Q
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 00:26:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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
44) L9	AR-1268-4	11.295	9.925	13848027	14053379	24.396	45.795 #
45) L9	AR-1268-5	11.699	10.264	2674589	7144150	0.617	3.616 #

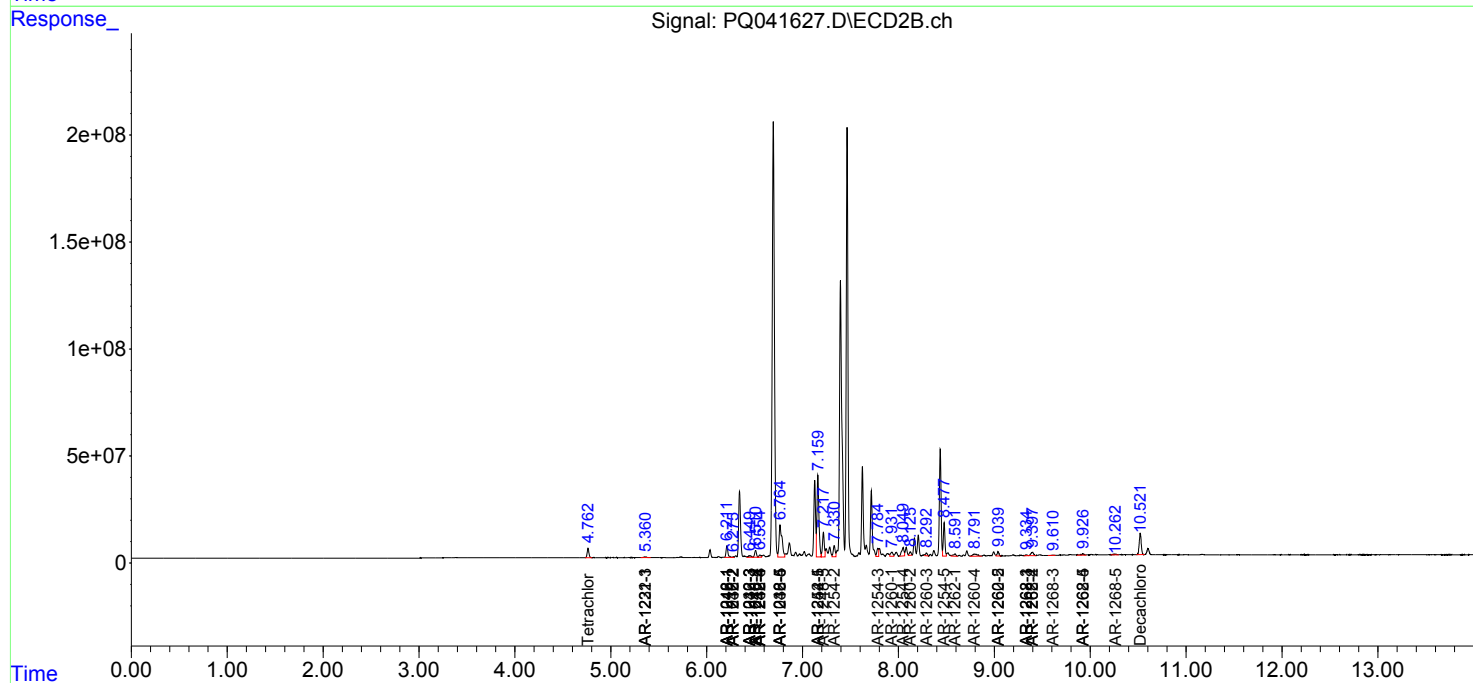
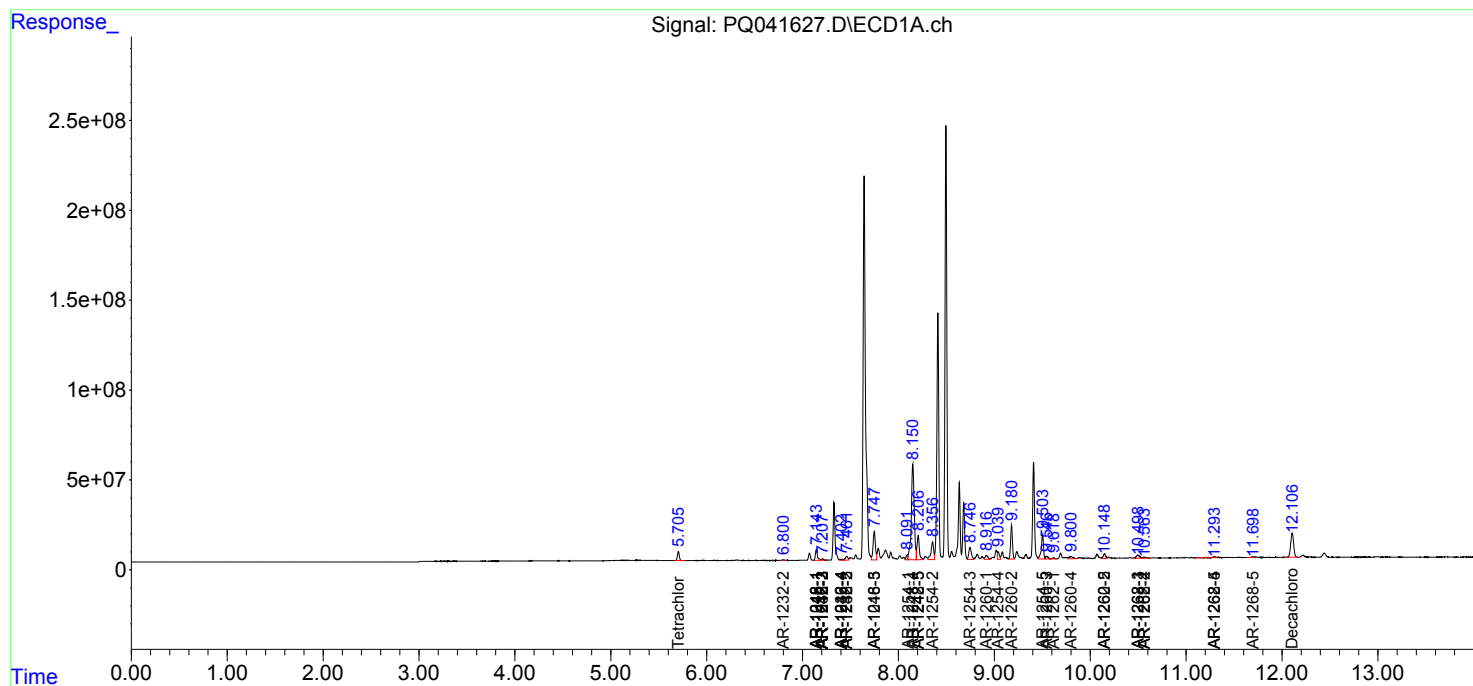
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

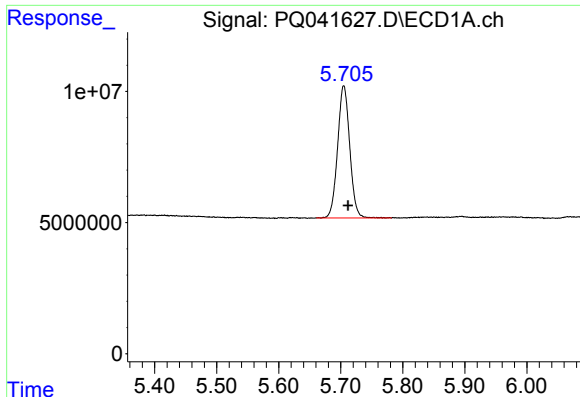
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041627.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 22:33
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Quant Title : GC EXTRACTABLES
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Response 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

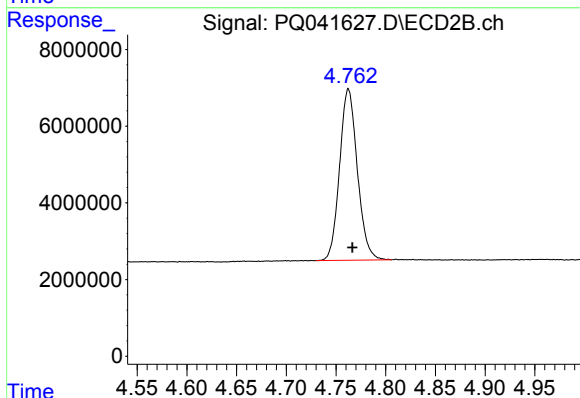




#1 Tetrachloro-m-xylene

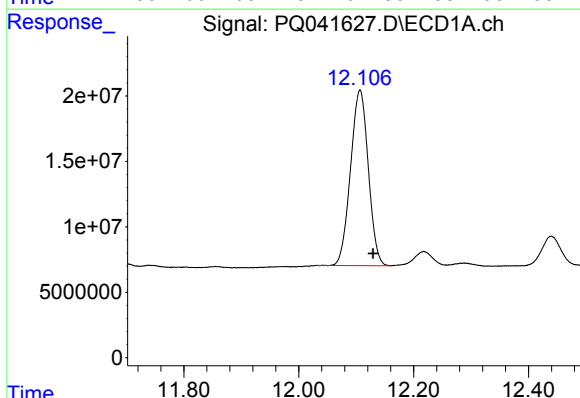
R.T.: 5.705 min
Delta R.T.: -0.007 min
Response: 68408232
Conc: 17.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



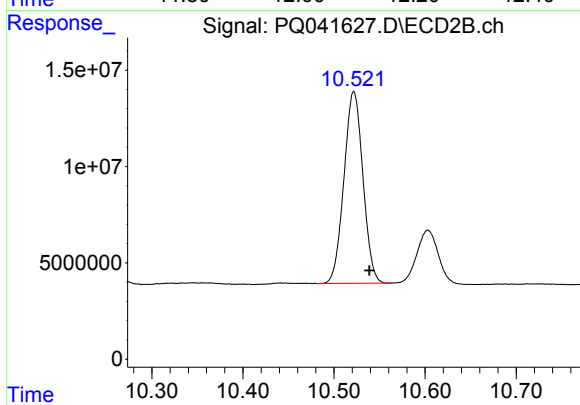
#1 Tetrachloro-m-xylene

R.T.: 4.763 min
Delta R.T.: -0.004 min
Response: 55496761
Conc: 18.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 12.107 min
Delta R.T.: -0.023 min
Response: 288400331
Conc: 27.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.522 min
Delta R.T.: -0.017 min
Response: 144055176
Conc: 31.61 ng/ml

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      R.T.:      7.144 min
Delta R.T.:    -0.015 min
  Response:   93053704
      Conc: 533.16 ng/ml

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Instrument :
ECD_Q
ClientSampleId :

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      R.T.:      6.211 min
Delta R.T.:    -0.012 min
  Response:    75086040
      Conc:    513.19 ng/ml

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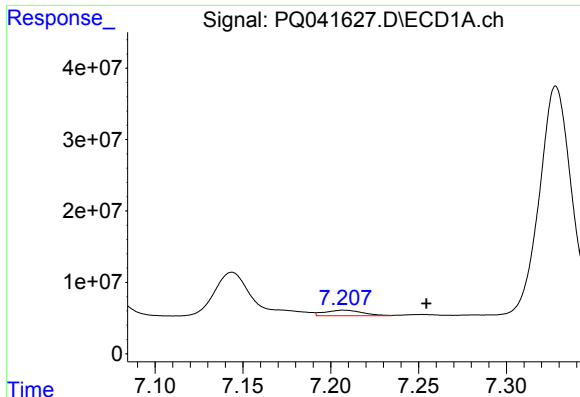
      R.T.:      7.207 min
Delta R.T.:      0.024 min
  Response: 11566831
      Conc: 43.86 ng/ml

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      R.T.:      6.276 min
Delta R.T.:      0.031 min
      Response:  2659644
      Conc:      12.78 ng/ml

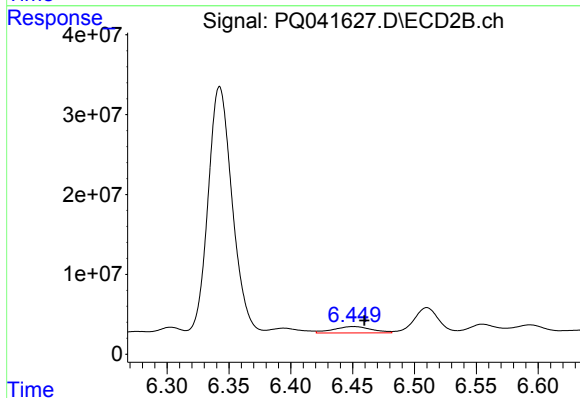
```



#5 AR-1016-3

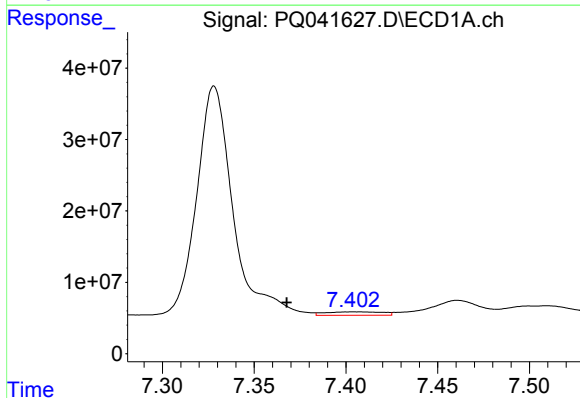
R.T.: 7.207 min
Delta R.T.: -0.047 min
Response: 11566831
Conc: 71.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



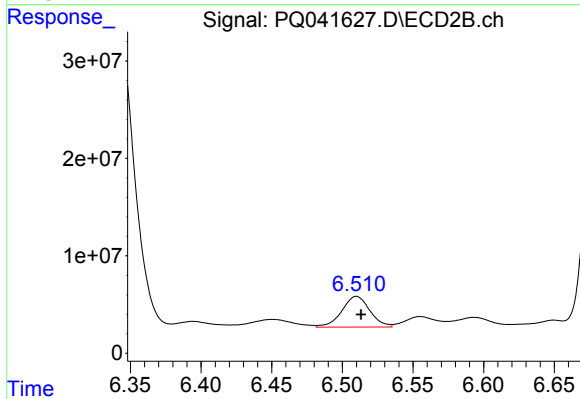
#5 AR-1016-3

R.T.: 6.451 min
Delta R.T.: -0.009 min
Response: 17102729
Conc: 151.48 ng/ml



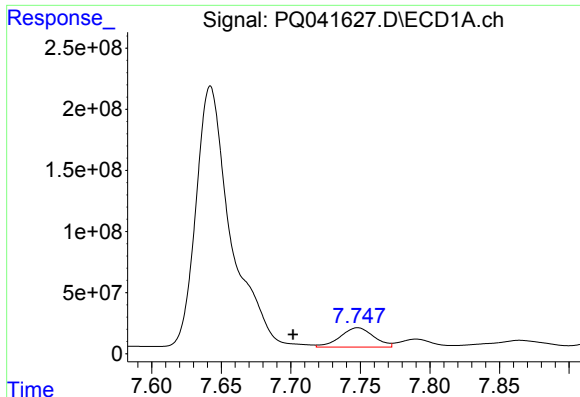
#6 AR-1016-4

R.T.: 7.404 min
Delta R.T.: 0.037 min
Response: 10381010
Conc: 77.03 ng/ml



#6 AR-1016-4

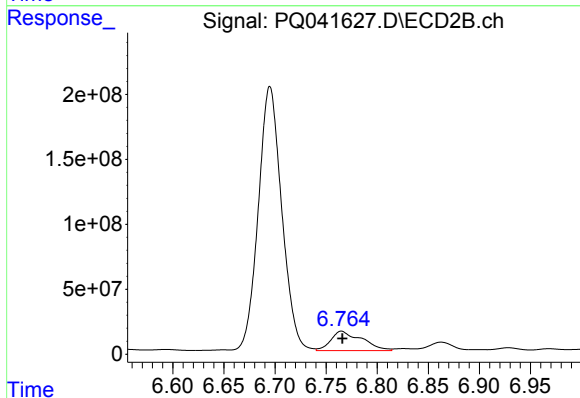
R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 43393527
Conc: 475.99 ng/ml



#7 AR-1016-5

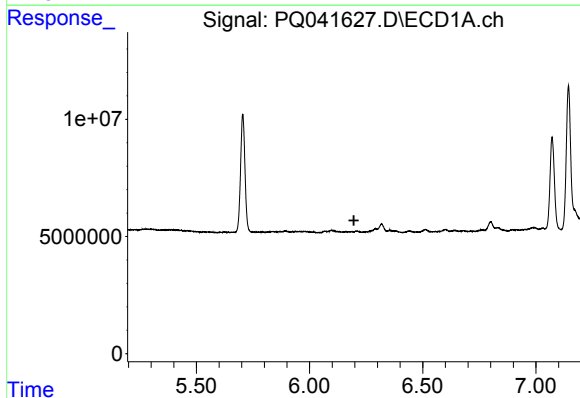
R.T.: 7.748 min
Delta R.T.: 0.046 min
Response: 264287957
Conc: 1986.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



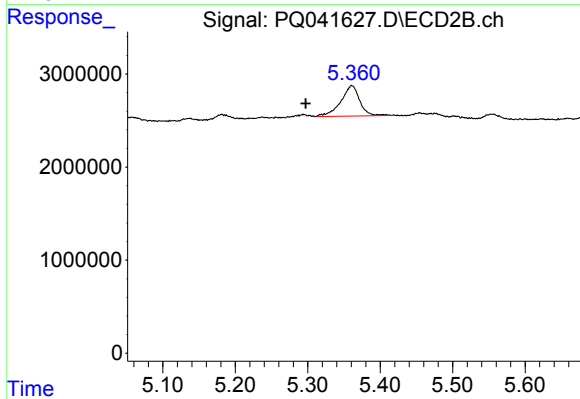
#7 AR-1016-5

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 318522059
Conc: 2650.36 ng/ml



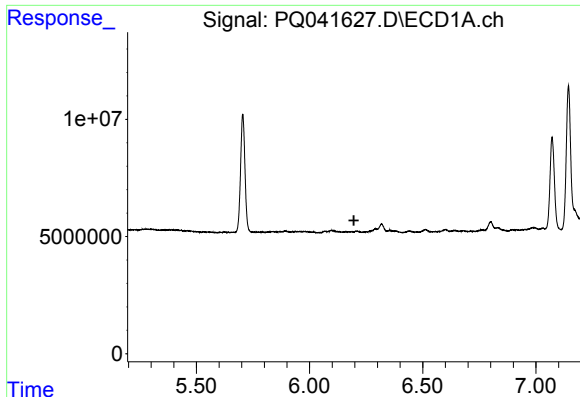
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

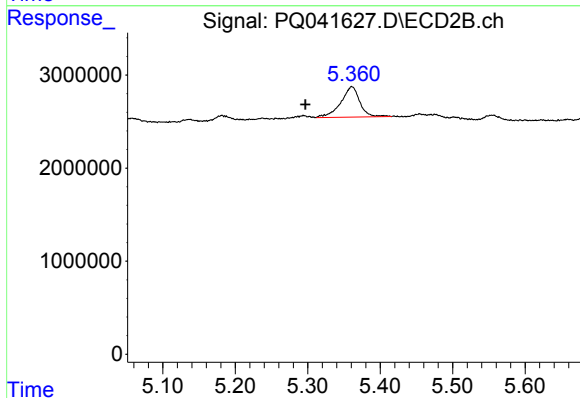
R.T.: 5.361 min
Delta R.T.: 0.063 min
Response: 5969408
Conc: 56.34 ng/ml



#11 AR-1232-1

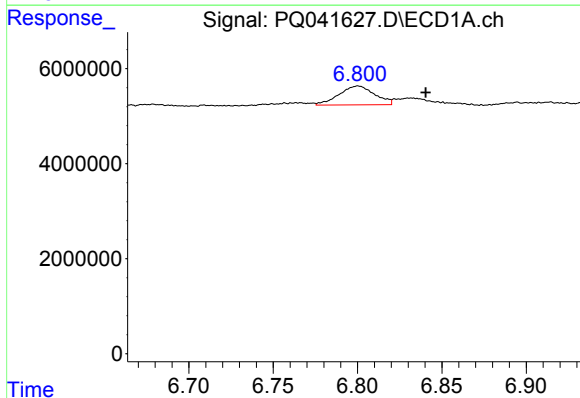
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



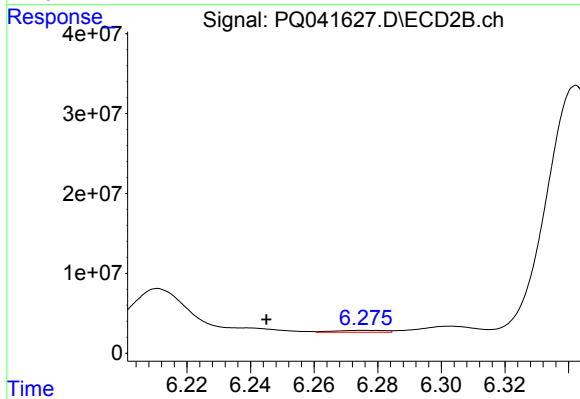
#11 AR-1232-1

R.T.: 5.361 min
Delta R.T.: 0.063 min
Response: 5969408
Conc: 78.69 ng/ml



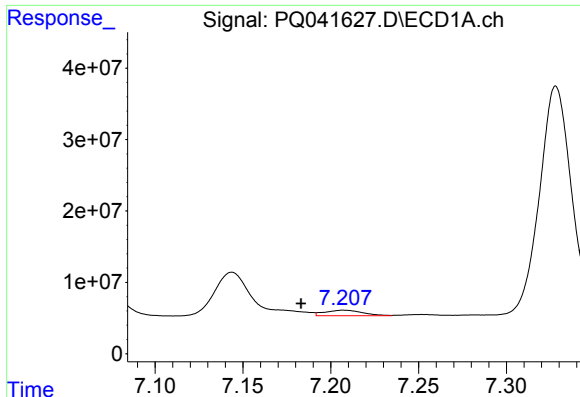
#12 AR-1232-2

R.T.: 6.800 min
Delta R.T.: -0.040 min
Response: 5834757
Conc: 118.16 ng/ml



#12 AR-1232-2

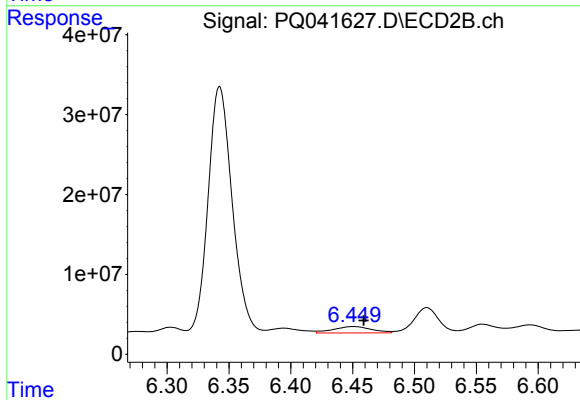
R.T.: 6.276 min
Delta R.T.: 0.031 min
Response: 2659644
Conc: 28.47 ng/ml



#13 AR-1232-3

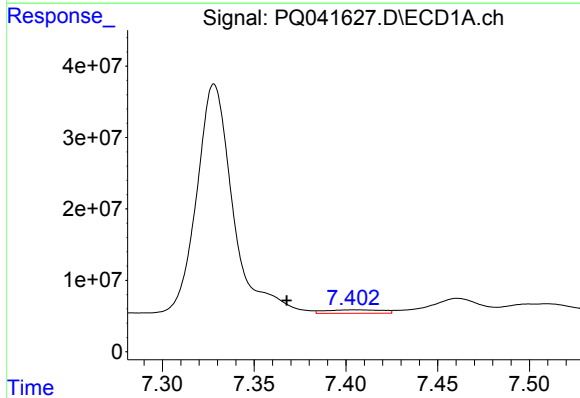
R.T.: 7.207 min
Delta R.T.: 0.024 min
Response: 11566831
Conc: 102.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



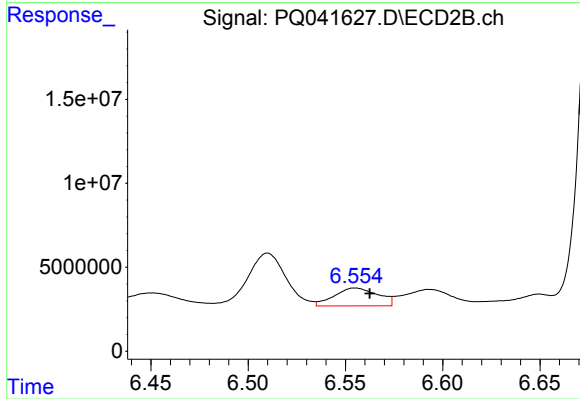
#13 AR-1232-3

R.T.: 6.451 min
Delta R.T.: -0.008 min
Response: 17102729
Conc: 355.32 ng/ml



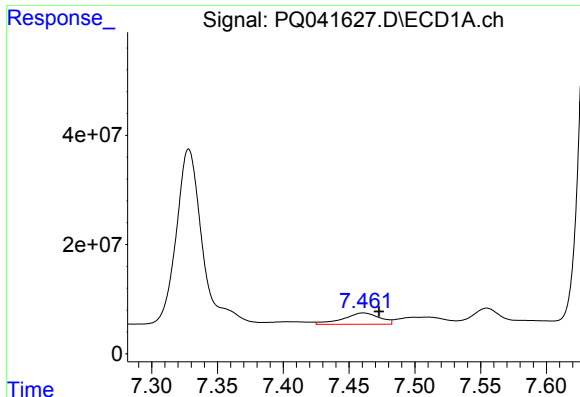
#14 AR-1232-4

R.T.: 7.404 min
Delta R.T.: 0.037 min
Response: 10381010
Conc: 175.63 ng/ml



#14 AR-1232-4

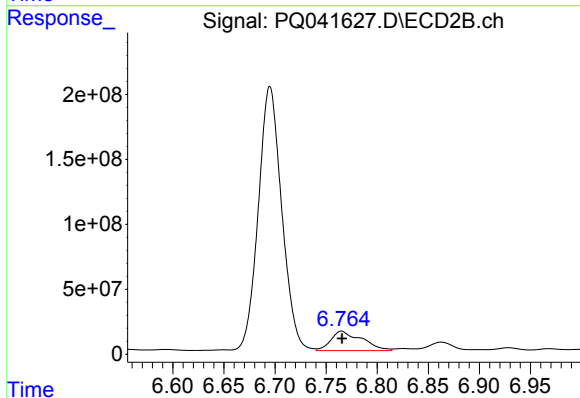
R.T.: 6.555 min
Delta R.T.: -0.007 min
Response: 16492570
Conc: 382.53 ng/ml



#15 AR-1232-5

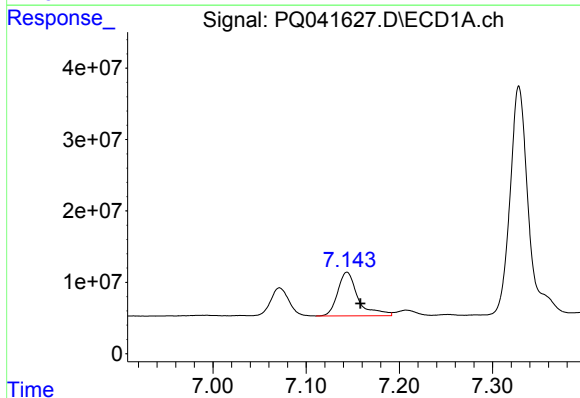
R.T.: 7.461 min
Delta R.T.: -0.012 min
Response: 39747419
Conc: 1077.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



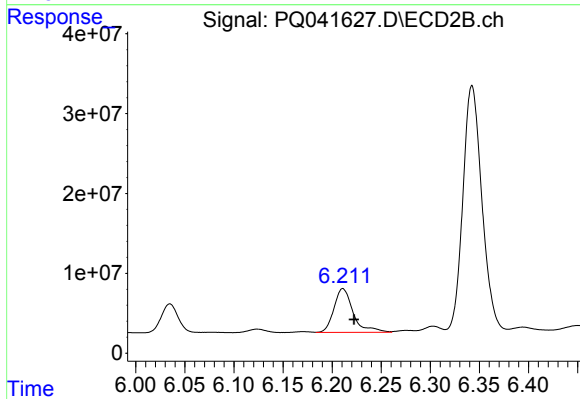
#15 AR-1232-5

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 318522059
Conc: 6584.90 ng/ml



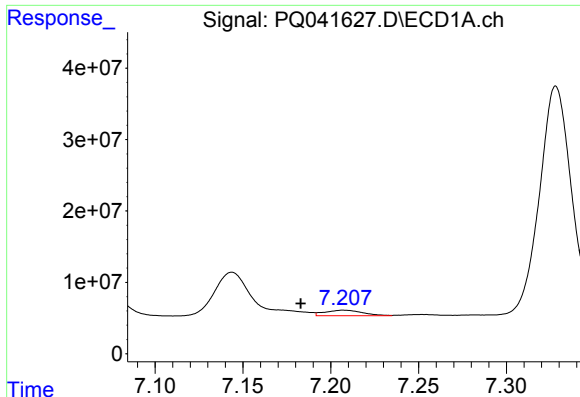
#16 AR-1242-1

R.T.: 7.144 min
Delta R.T.: -0.014 min
Response: 93053704
Conc: 742.89 ng/ml



#16 AR-1242-1

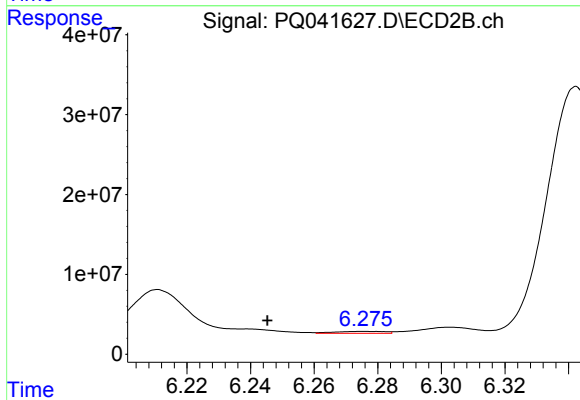
R.T.: 6.211 min
Delta R.T.: -0.012 min
Response: 75086040
Conc: 711.46 ng/ml



#17 AR-1242-2

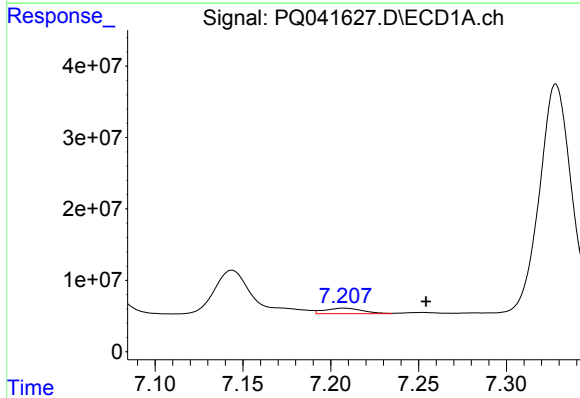
R.T.: 7.207 min
Delta R.T.: 0.025 min
Response: 11566831
Conc: 60.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



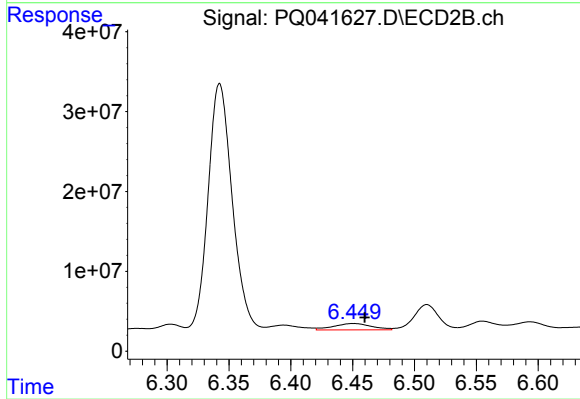
#17 AR-1242-2

R.T.: 6.276 min
Delta R.T.: 0.030 min
Response: 2659644
Conc: 17.15 ng/ml



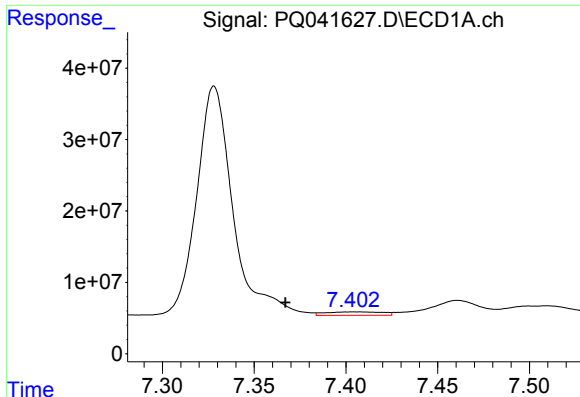
#18 AR-1242-3

R.T.: 7.207 min
Delta R.T.: -0.047 min
Response: 11566831
Conc: 97.83 ng/ml



#18 AR-1242-3

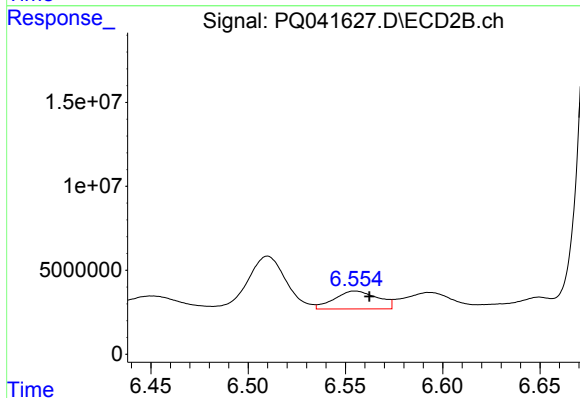
R.T.: 6.451 min
Delta R.T.: -0.009 min
Response: 17102729
Conc: 204.94 ng/ml



#19 AR-1242-4

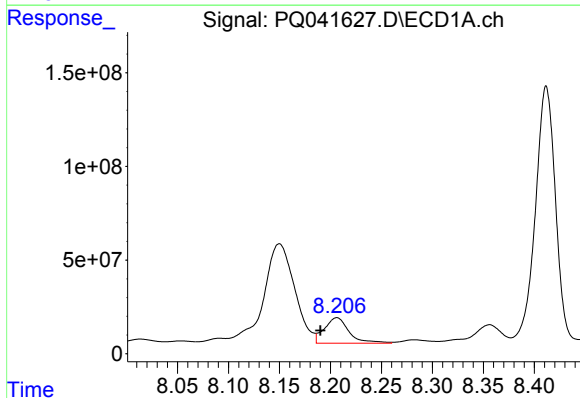
R.T.: 7.404 min
Delta R.T.: 0.038 min
Response: 10381010
Conc: 105.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



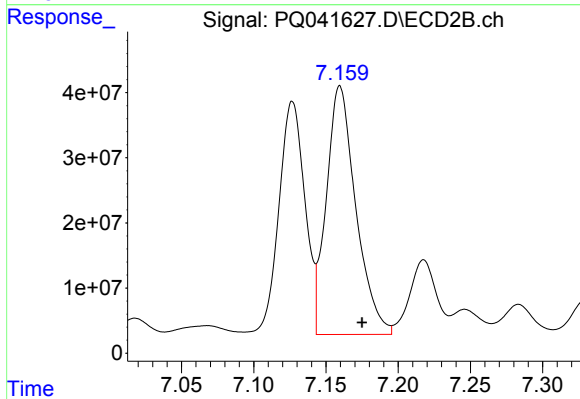
#19 AR-1242-4

R.T.: 6.555 min
Delta R.T.: -0.007 min
Response: 16492570
Conc: 202.49 ng/ml



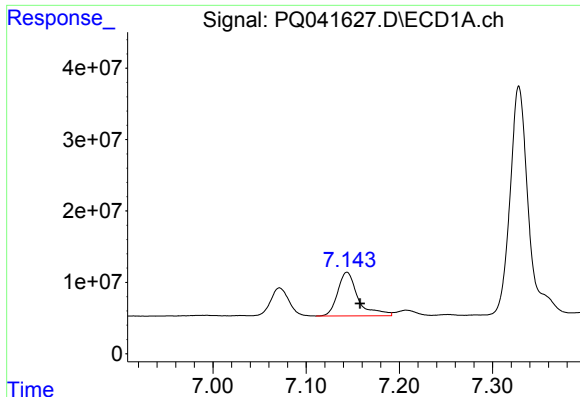
#20 AR-1242-5

R.T.: 8.206 min
Delta R.T.: 0.016 min
Response: 228805968
Conc: 1725.84 ng/ml



#20 AR-1242-5

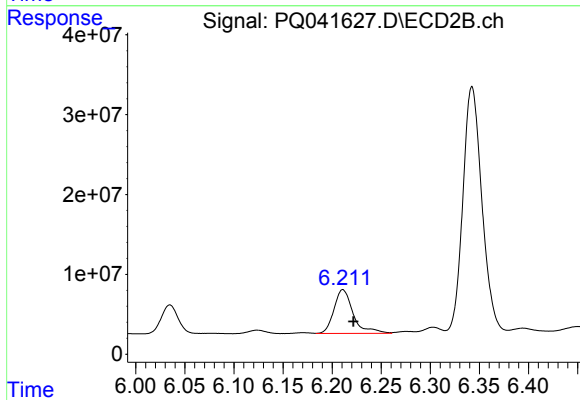
R.T.: 7.160 min
Delta R.T.: -0.015 min
Response: 542649042
Conc: 4347.12 ng/ml



#21 AR-1248-1

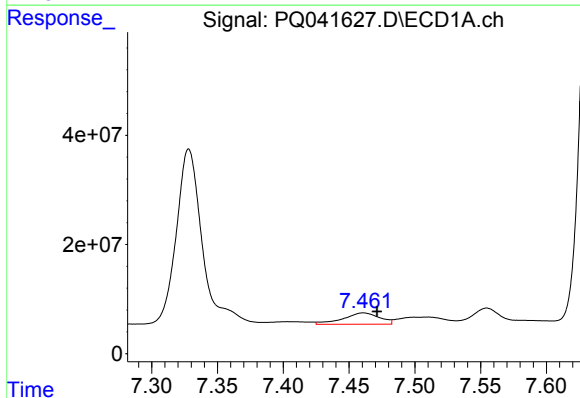
R.T.: 7.144 min
Delta R.T.: -0.014 min
Response: 93053704
Conc: 1003.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



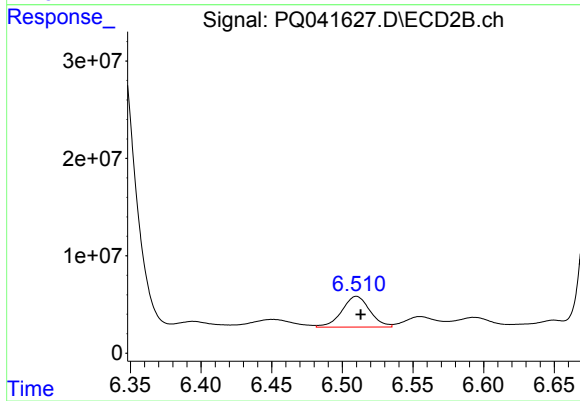
#21 AR-1248-1

R.T.: 6.211 min
Delta R.T.: -0.011 min
Response: 75086040
Conc: 934.86 ng/ml



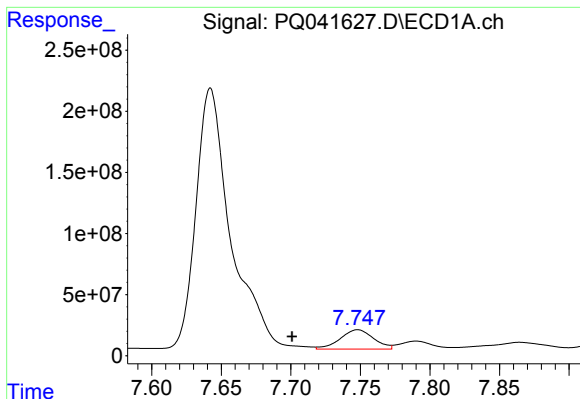
#22 AR-1248-2

R.T.: 7.461 min
Delta R.T.: -0.010 min
Response: 39747419
Conc: 323.00 ng/ml



#22 AR-1248-2

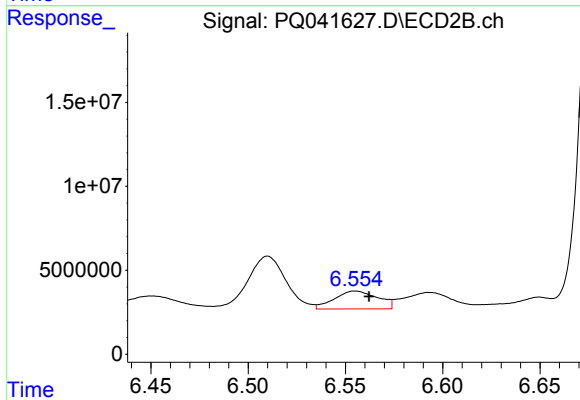
R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 43393527
Conc: 387.39 ng/ml



#23 AR-1248-3

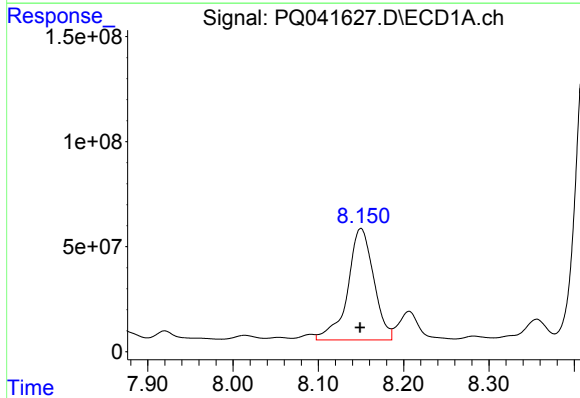
R.T.: 7.748 min
Delta R.T.: 0.047 min
Response: 264287957
Conc: 1682.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



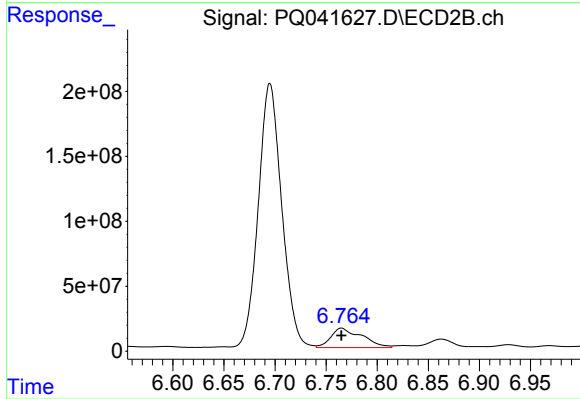
#23 AR-1248-3

R.T.: 6.555 min
Delta R.T.: -0.007 min
Response: 16492570
Conc: 142.88 ng/ml



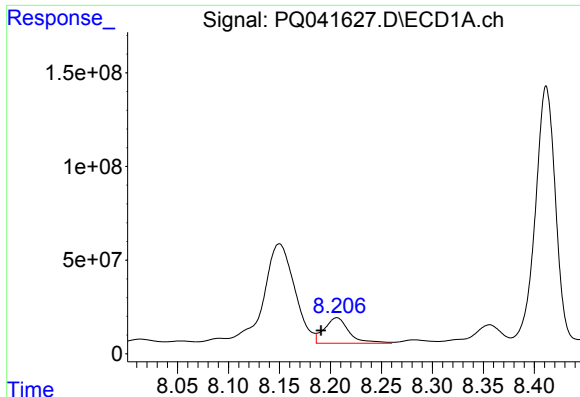
#24 AR-1248-4

R.T.: 8.150 min
Delta R.T.: 0.001 min
Response: 1124424234
Conc: 5205.45 ng/ml



#24 AR-1248-4

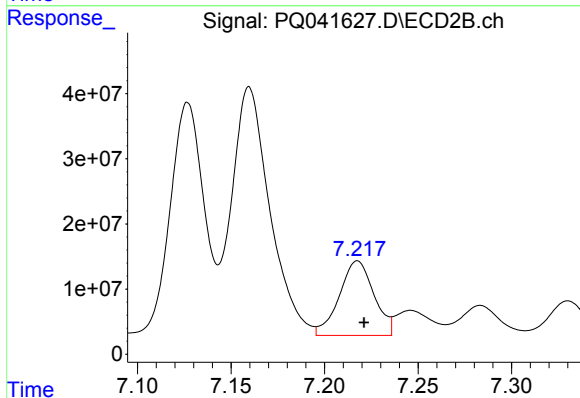
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 318522059
Conc: 2200.41 ng/ml



#25 AR-1248-5

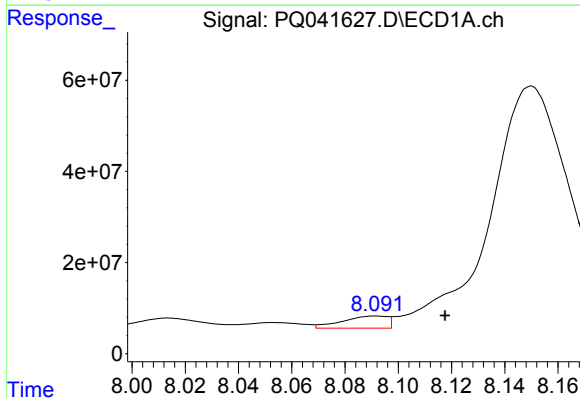
R.T.: 8.206 min
Delta R.T.: 0.016 min
Response: 228805968
Conc: 1074.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



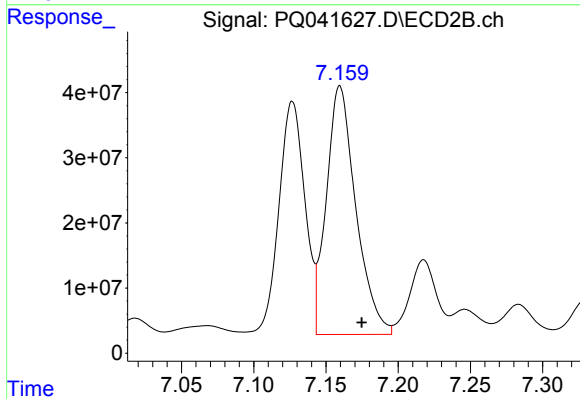
#25 AR-1248-5

R.T.: 7.218 min
Delta R.T.: -0.003 min
Response: 147762618
Conc: 878.07 ng/ml



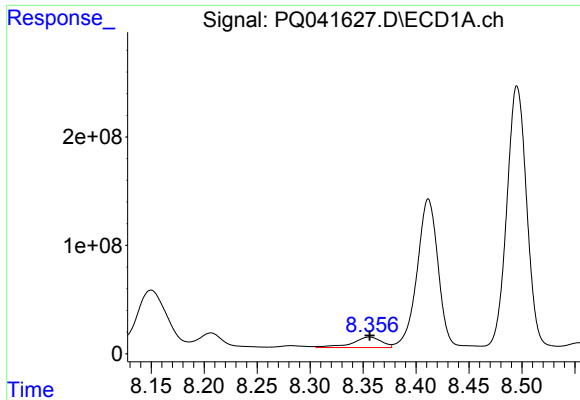
#26 AR-1254-1

R.T.: 8.092 min
Delta R.T.: -0.026 min
Response: 31684142
Conc: 156.31 ng/ml



#26 AR-1254-1

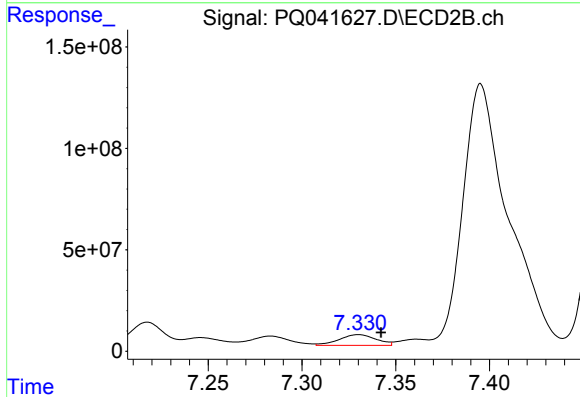
R.T.: 7.160 min
Delta R.T.: -0.015 min
Response: 542649042
Conc: 2133.85 ng/ml



#27 AR-1254-2

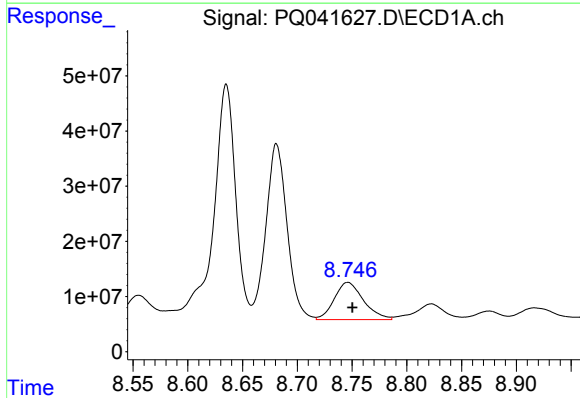
R.T.: 8.356 min
Delta R.T.: 0.000 min
Response: 188919476
Conc: 546.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



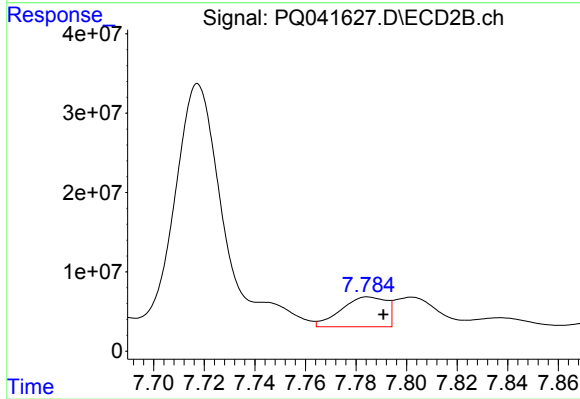
#27 AR-1254-2

R.T.: 7.330 min
Delta R.T.: -0.012 min
Response: 72129210
Conc: 315.27 ng/ml



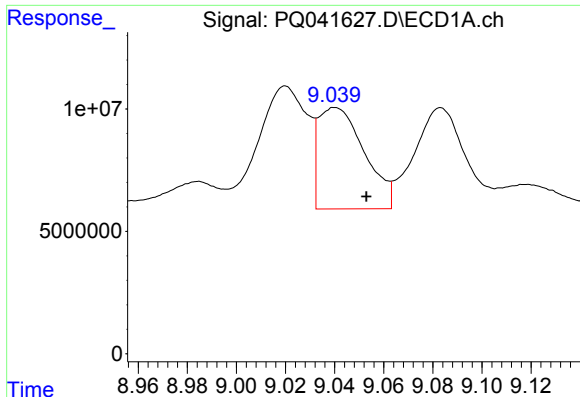
#28 AR-1254-3

R.T.: 8.746 min
Delta R.T.: -0.004 min
Response: 125465870
Conc: 302.78 ng/ml



#28 AR-1254-3

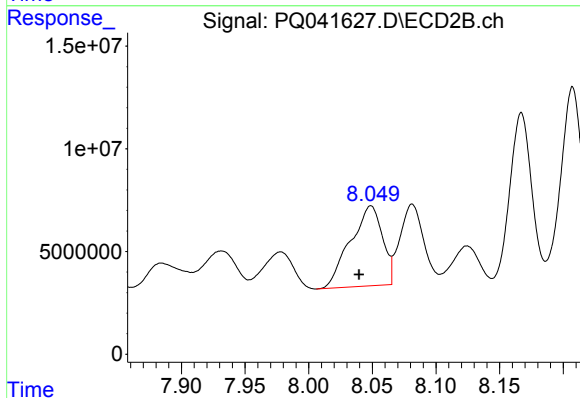
R.T.: 7.785 min
Delta R.T.: -0.006 min
Response: 46684298
Conc: 115.02 ng/ml



#29 AR-1254-4

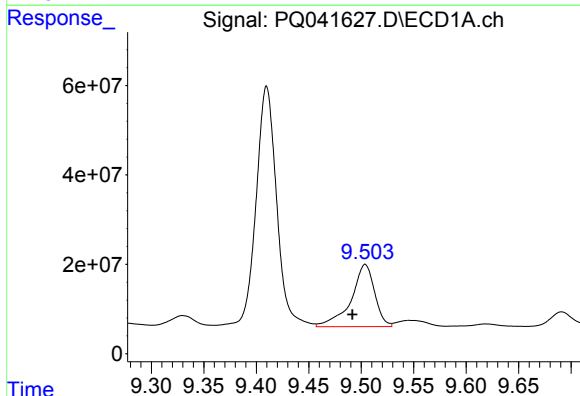
R.T.: 9.040 min
Delta R.T.: -0.013 min
Response: 53844339
Conc: 148.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



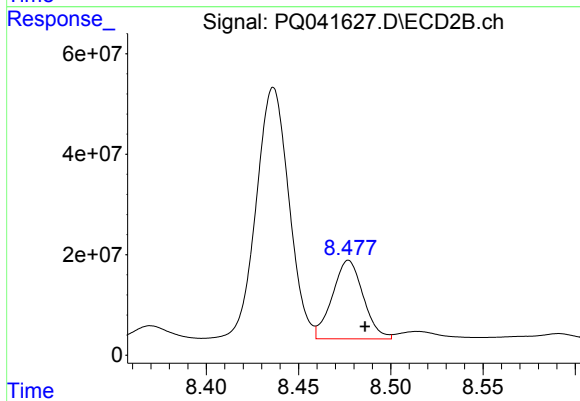
#29 AR-1254-4

R.T.: 8.049 min
Delta R.T.: 0.009 min
Response: 68312040
Conc: 250.05 ng/ml



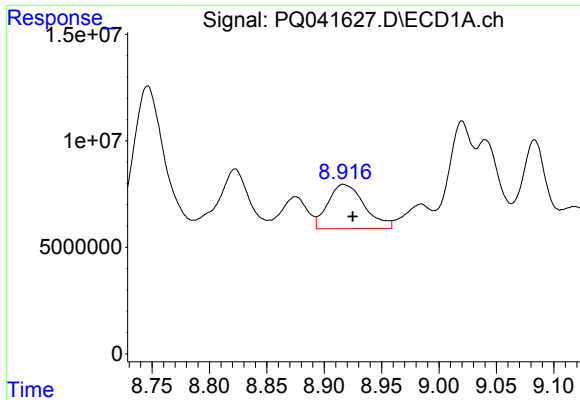
#30 AR-1254-5

R.T.: 9.504 min
Delta R.T.: 0.012 min
Response: 217961161
Conc: 542.83 ng/ml



#30 AR-1254-5

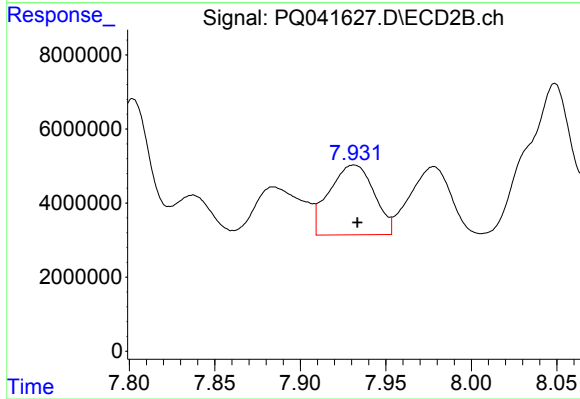
R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 182648627
Conc: 457.45 ng/ml



#31 AR-1260-1

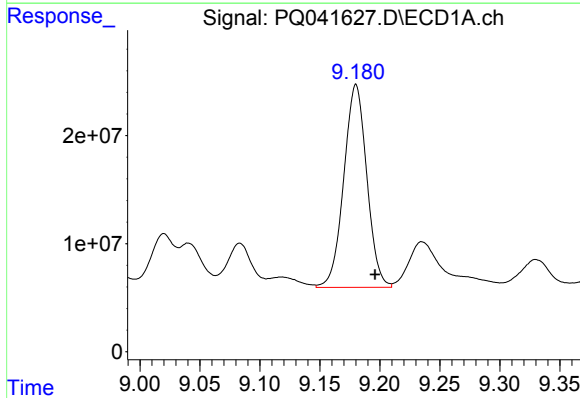
R.T.: 8.917 min
Delta R.T.: -0.008 min
Response: 45960513
Conc: 152.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



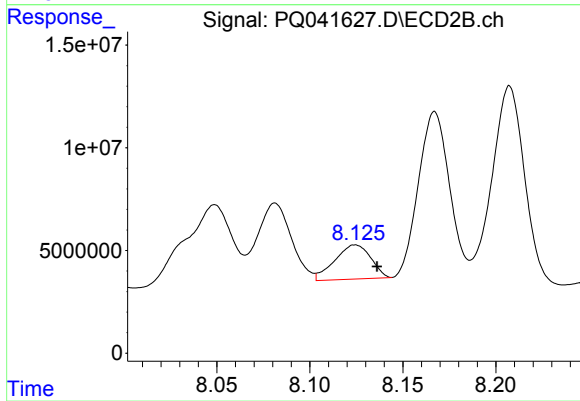
#31 AR-1260-1

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 34371840
Conc: 129.24 ng/ml



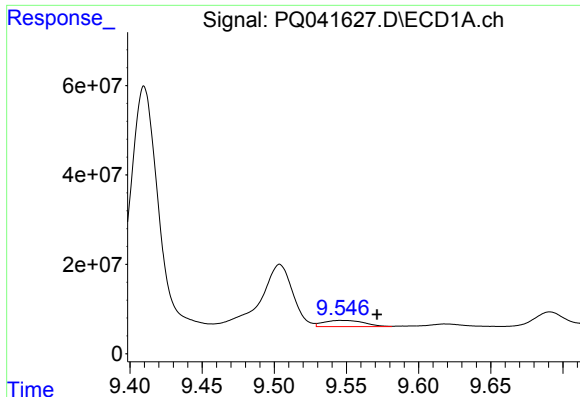
#32 AR-1260-2

R.T.: 9.180 min
Delta R.T.: -0.016 min
Response: 251107487
Conc: 547.83 ng/ml



#32 AR-1260-2

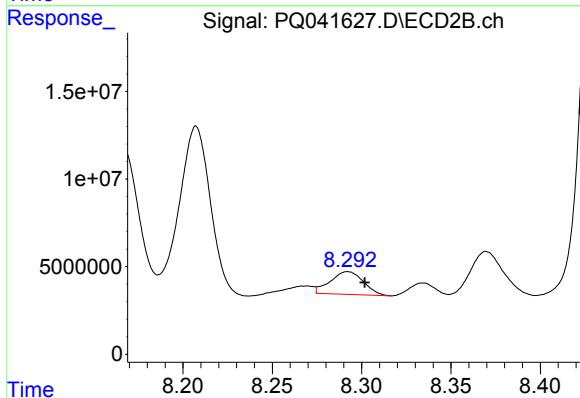
R.T.: 8.124 min
Delta R.T.: -0.012 min
Response: 22397388
Conc: 61.73 ng/ml



#33 AR-1260-3

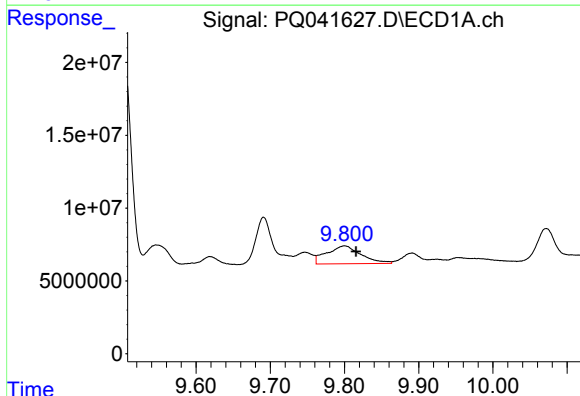
R.T.: 9.546 min
Delta R.T.: -0.025 min
Response: 26948352
Conc: 63.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



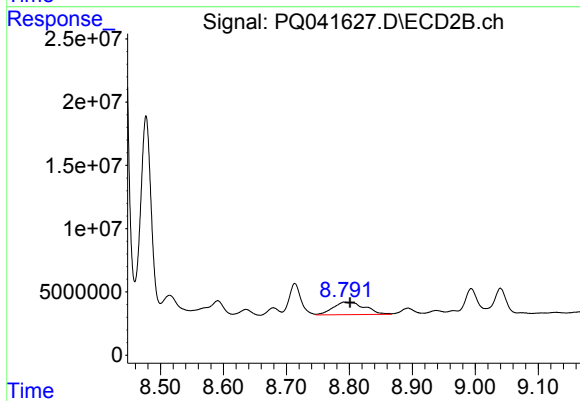
#33 AR-1260-3

R.T.: 8.292 min
Delta R.T.: -0.009 min
Response: 16813073
Conc: 53.54 ng/ml



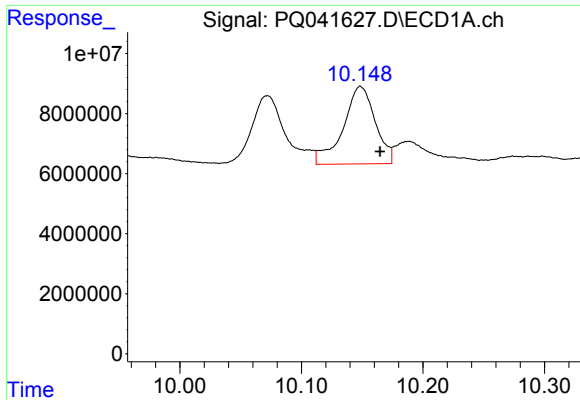
#34 AR-1260-4

R.T.: 9.800 min
Delta R.T.: -0.016 min
Response: 39426894
Conc: 93.66 ng/ml



#34 AR-1260-4

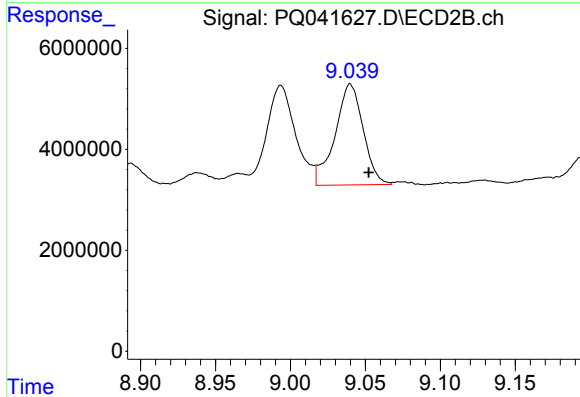
R.T.: 8.792 min
Delta R.T.: -0.009 min
Response: 34556715
Conc: 121.39 ng/ml



#35 AR-1260-5

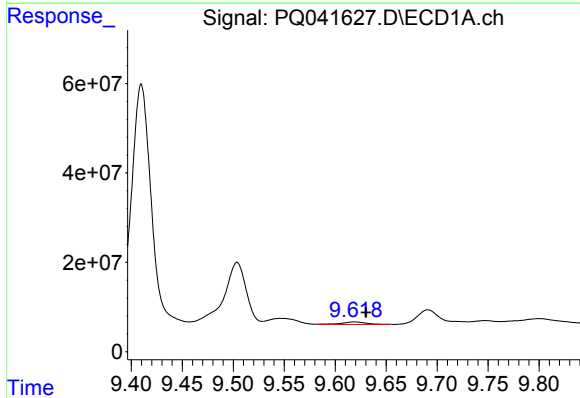
R.T.: 10.149 min
Delta R.T.: -0.016 min
Response: 47588871
Conc: 44.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



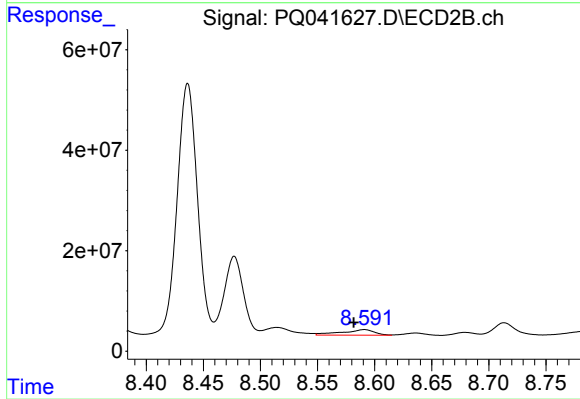
#35 AR-1260-5

R.T.: 9.040 min
Delta R.T.: -0.012 min
Response: 26214128
Conc: 35.25 ng/ml



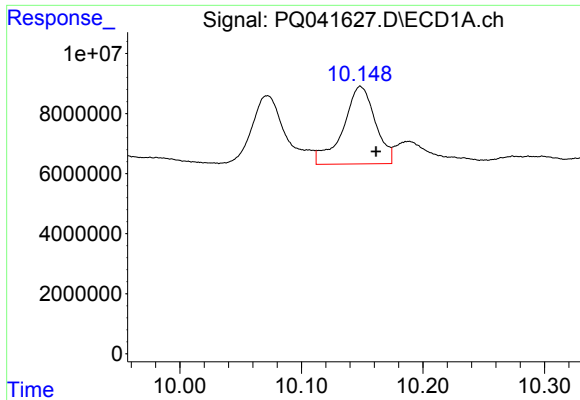
#36 AR-1262-1

R.T.: 9.619 min
Delta R.T.: -0.011 min
Response: 9626087
Conc: 39.21 ng/ml



#36 AR-1262-1

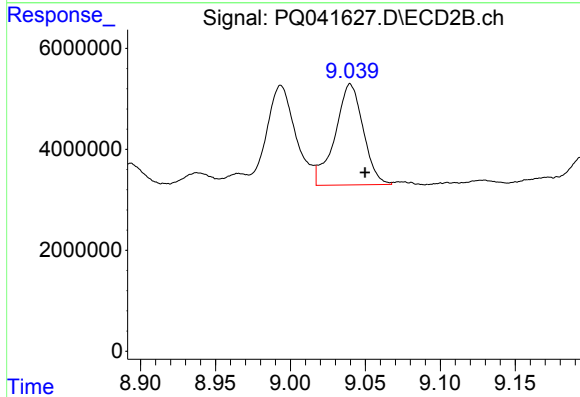
R.T.: 8.591 min
Delta R.T.: 0.009 min
Response: 21835793
Conc: 113.53 ng/ml



#37 AR-1262-2

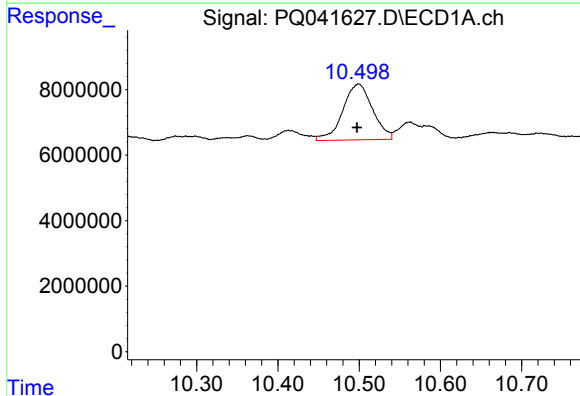
R.T.: 10.149 min
Delta R.T.: -0.013 min
Response: 47588871
Conc: 39.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



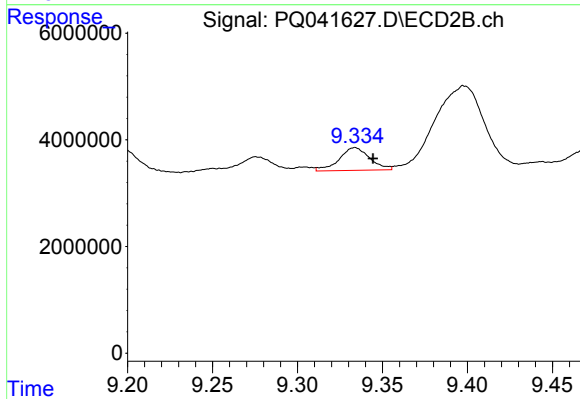
#37 AR-1262-2

R.T.: 9.040 min
Delta R.T.: -0.010 min
Response: 26214128
Conc: 31.20 ng/ml



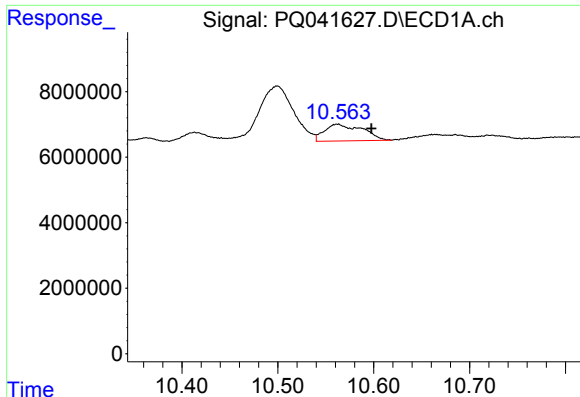
#38 AR-1262-3

R.T.: 10.499 min
Delta R.T.: 0.002 min
Response: 43330399
Conc: 51.99 ng/ml



#38 AR-1262-3

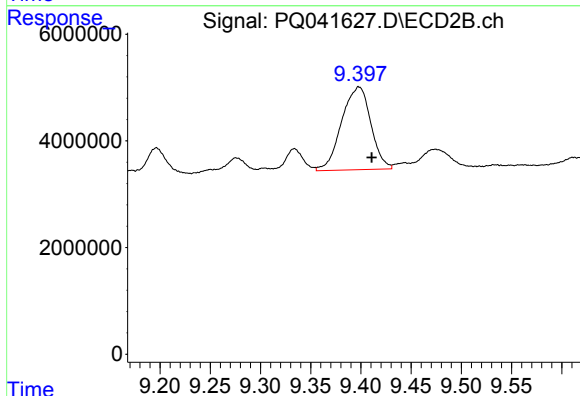
R.T.: 9.334 min
Delta R.T.: -0.011 min
Response: 5375802
Conc: 15.28 ng/ml



#39 AR-1262-4

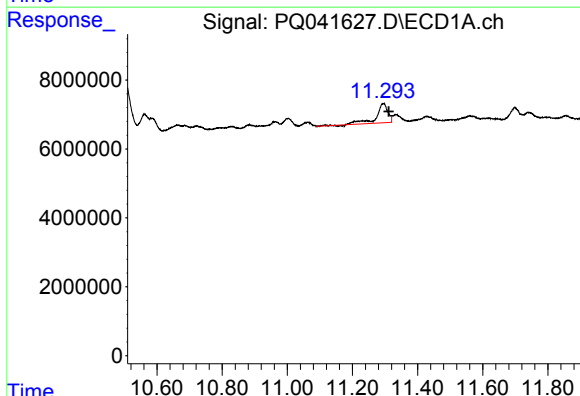
R.T.: 10.562 min
Delta R.T.: -0.036 min
Response: 14038291
Conc: 21.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



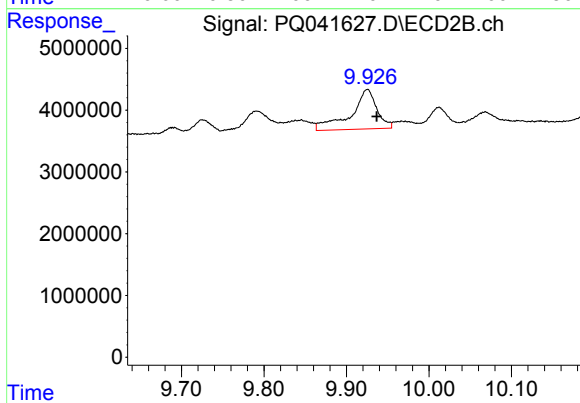
#39 AR-1262-4

R.T.: 9.398 min
Delta R.T.: -0.013 min
Response: 31446006
Conc: 53.51 ng/ml



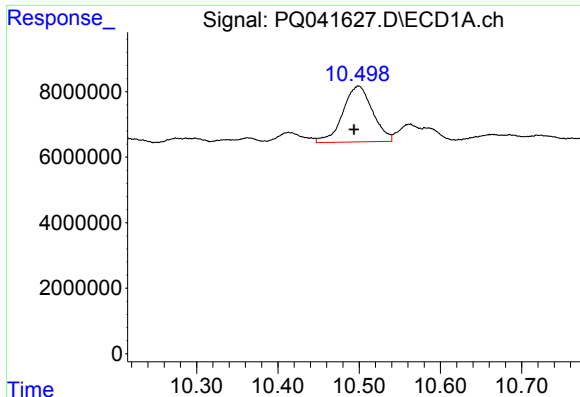
#40 AR-1262-5

R.T.: 11.295 min
Delta R.T.: -0.017 min
Response: 13848027
Conc: 30.29 ng/ml



#40 AR-1262-5

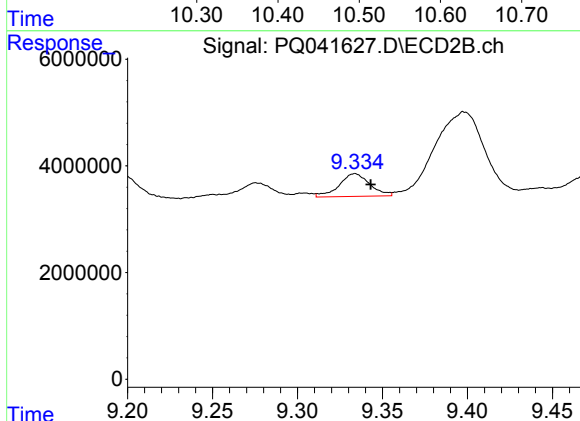
R.T.: 9.925 min
Delta R.T.: -0.011 min
Response: 14053379
Conc: 58.57 ng/ml



#41 AR-1268-1

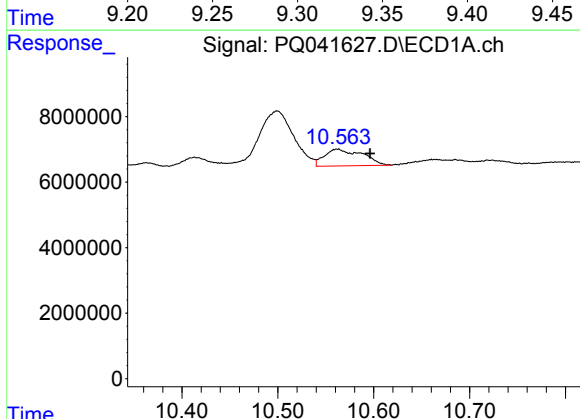
R.T.: 10.499 min
Delta R.T.: 0.006 min
Response: 43330399
Conc: 24.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



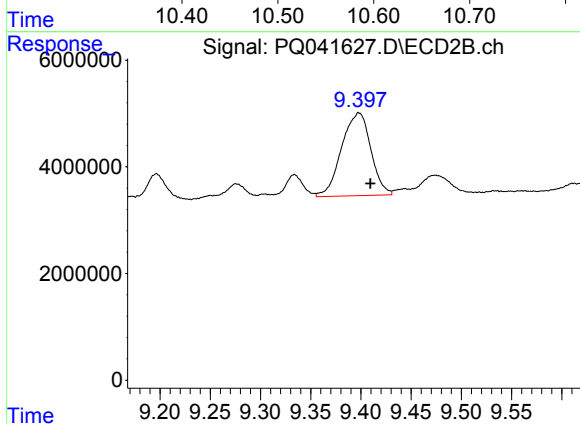
#41 AR-1268-1

R.T.: 9.334 min
Delta R.T.: -0.009 min
Response: 5375802
Conc: 4.70 ng/ml



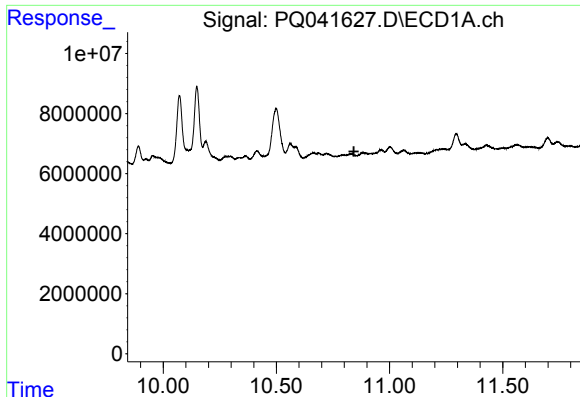
#42 AR-1268-2

R.T.: 10.562 min
Delta R.T.: -0.034 min
Response: 14038291
Conc: 8.80 ng/ml



#42 AR-1268-2

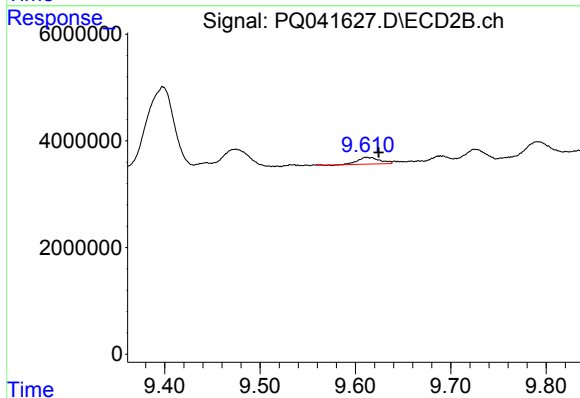
R.T.: 9.398 min
Delta R.T.: -0.011 min
Response: 31446006
Conc: 32.36 ng/ml



#43 AR-1268-3

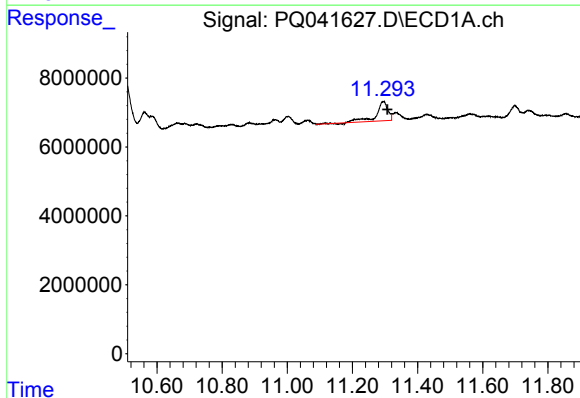
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



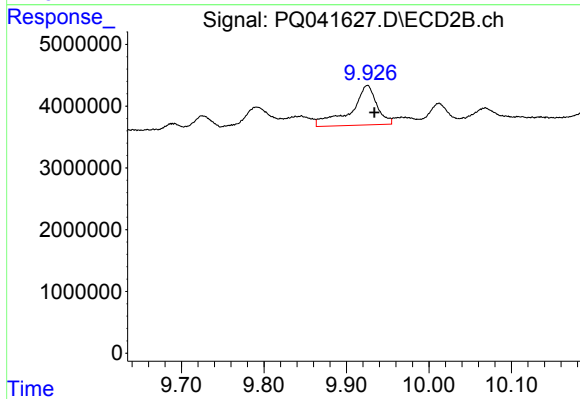
#43 AR-1268-3

R.T.: 9.616 min
Delta R.T.: -0.008 min
Response: 1979059
Conc: 2.48 ng/ml



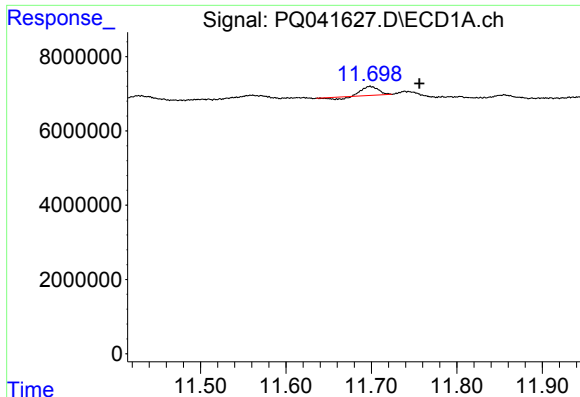
#44 AR-1268-4

R.T.: 11.295 min
Delta R.T.: -0.013 min
Response: 13848027
Conc: 24.40 ng/ml



#44 AR-1268-4

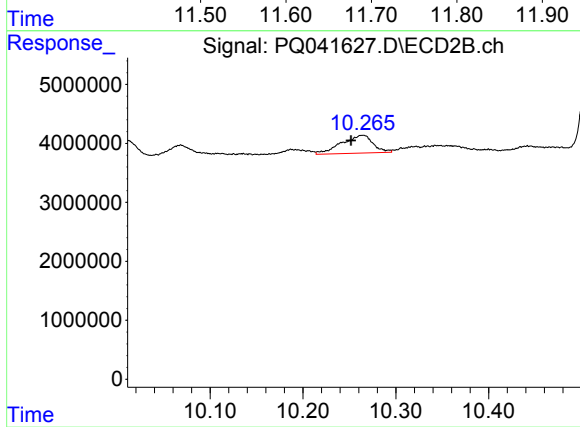
R.T.: 9.925 min
Delta R.T.: -0.008 min
Response: 14053379
Conc: 45.80 ng/ml



#45 AR-1268-5

R.T.: 11.699 min
Delta R.T.: -0.058 min
Response: 2674589
Conc: 0.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.264 min
Delta R.T.: 0.013 min
Response: 7144150
Conc: 3.62 ng/ml