

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041567.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 22:38
 Operator : SM\AJ
 Sample : K3020-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 01:07:58 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...	5.701	4.758	41908087	38183587	10.947	12.702
2)	SA Decachlor...	12.106	10.522	175.3E6	95227193	16.943	20.898
Target Compounds							
3)	L1 AR-1016-1	7.142	6.232	7178087	5834116	41.128	39.874
4)	L1 AR-1016-2	7.142	6.232	7178087	5834116	27.218	28.030
5)	L1 AR-1016-3	7.271	6.443	8431240	3430906	52.118	30.387 #
6)	L1 AR-1016-4	7.324	6.507	78362140	7326984	581.456	80.370 #
7)	L1 AR-1016-5	7.743	6.760	21747433	15924907	163.429	132.508
10)	L2 AR-1221-3	0.000	5.357	0	5899553	N.D.	55.685 #
11)	L3 AR-1232-1	0.000	5.357	0	5899553	N.D.	77.766 #
12)	L3 AR-1232-2	0.000	6.232	0	5834116	N.D.	62.450 #
13)	L3 AR-1232-3	7.142	6.443	7178087	3430906	63.421	71.280
14)	L3 AR-1232-4	7.324	6.551	78362140	2912977	1325.746	67.563 #
15)	L3 AR-1232-5	7.462	6.760	4593003	15924907	124.455	329.220 #
16)	L4 AR-1242-1	7.142	6.232	7178087	5834116	57.306	55.280
17)	L4 AR-1242-2	7.142	6.232	7178087	5834116	37.693	37.623
18)	L4 AR-1242-3	7.271	6.443	8431240	3430906	71.310	41.112 #
19)	L4 AR-1242-4	7.324	6.551	78362140	2912977	799.468	35.764 #
20)	L4 AR-1242-5	8.204	7.157	22316489	73859353	168.329	591.682 #
21)	L5 AR-1248-1	7.142	6.232	7178087	5834116	77.385	72.638
22)	L5 AR-1248-2	7.462	6.507	4593003	7326984	37.324	65.411 #
23)	L5 AR-1248-3	7.743	6.551	21747433	2912977	138.487	25.236 #
24)	L5 AR-1248-4	8.144	6.760	195.5E6	15924907	904.919	110.012 #
25)	L5 AR-1248-5	8.204	7.215	22316489	16502713	104.792	98.066
26)	L6 AR-1254-1	8.144	7.157	195.5E6	73859353	964.328	290.436 #
27)	L6 AR-1254-2	8.350	7.329	44218775	13977256	128.024	61.093 #
28)	L6 AR-1254-3	8.762	7.800	62225251	33293085	150.163	82.025 #
29)	L6 AR-1254-4	9.041	8.032	16170057	23105398	44.678	84.576 #
30)	L6 AR-1254-5	9.505	8.475	135.7E6	120.9E6	338.044	302.685
31)	L7 AR-1260-1	8.934	7.937	18763727	40540305	62.108	152.433 #
32)	L7 AR-1260-2	9.178	8.126	115.5E6	6795011	252.056	18.727 #
33)	L7 AR-1260-3	9.545	8.290	5345598	7810997	12.590	24.874 #
34)	L7 AR-1260-4	9.793	8.790	13463396	2582807	31.984	9.073 #
35)	L7 AR-1260-5	10.181	9.040	15545905	5766881	14.548	7.756 #
36)	L8 AR-1262-1	9.693	8.589	3211244	3579418	13.080	18.610 #
37)	L8 AR-1262-2	10.147	9.040	26488574	5766881	21.811	6.864 #
38)	L8 AR-1262-3	10.471	9.363	4375771	54461319	5.251	154.843 #
39)	L8 AR-1262-4	0.000	9.435	0	12544996	N.D.	21.346 #
40)	L8 AR-1262-5	0.000	9.925	0	1439059	N.D.	5.997 #
41)	L9 AR-1268-1	10.471	9.363	4375771	54461319	2.425	47.665 #
42)	L9 AR-1268-2	0.000	9.435	0	12544996	N.D.	12.910 #
43)	L9 AR-1268-3	0.000	9.612	0	1519675	N.D.	1.904 #

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	9.925	0	1439059	N.D.	4.689 #
45) L9	AR-1268-5	0.000	10.244	0	2182446	N.D.	1.105 #

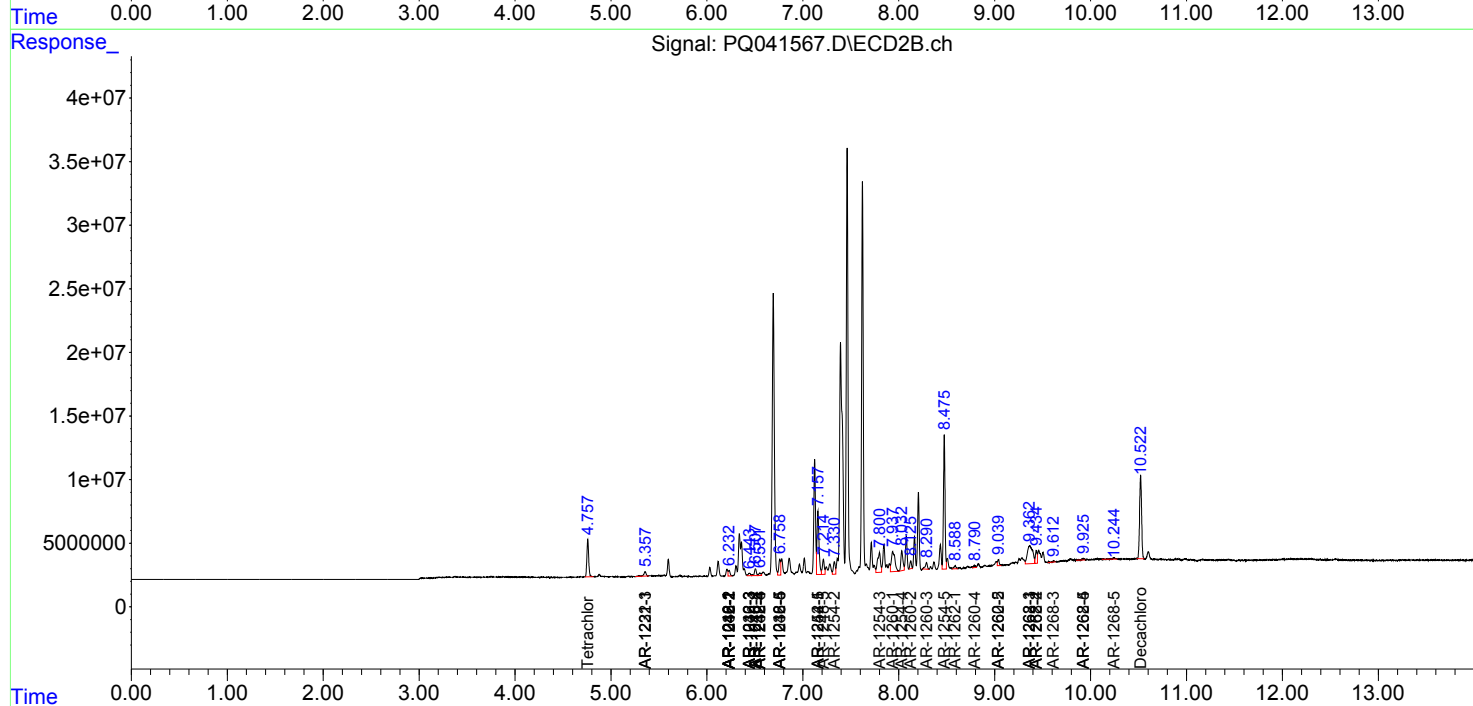
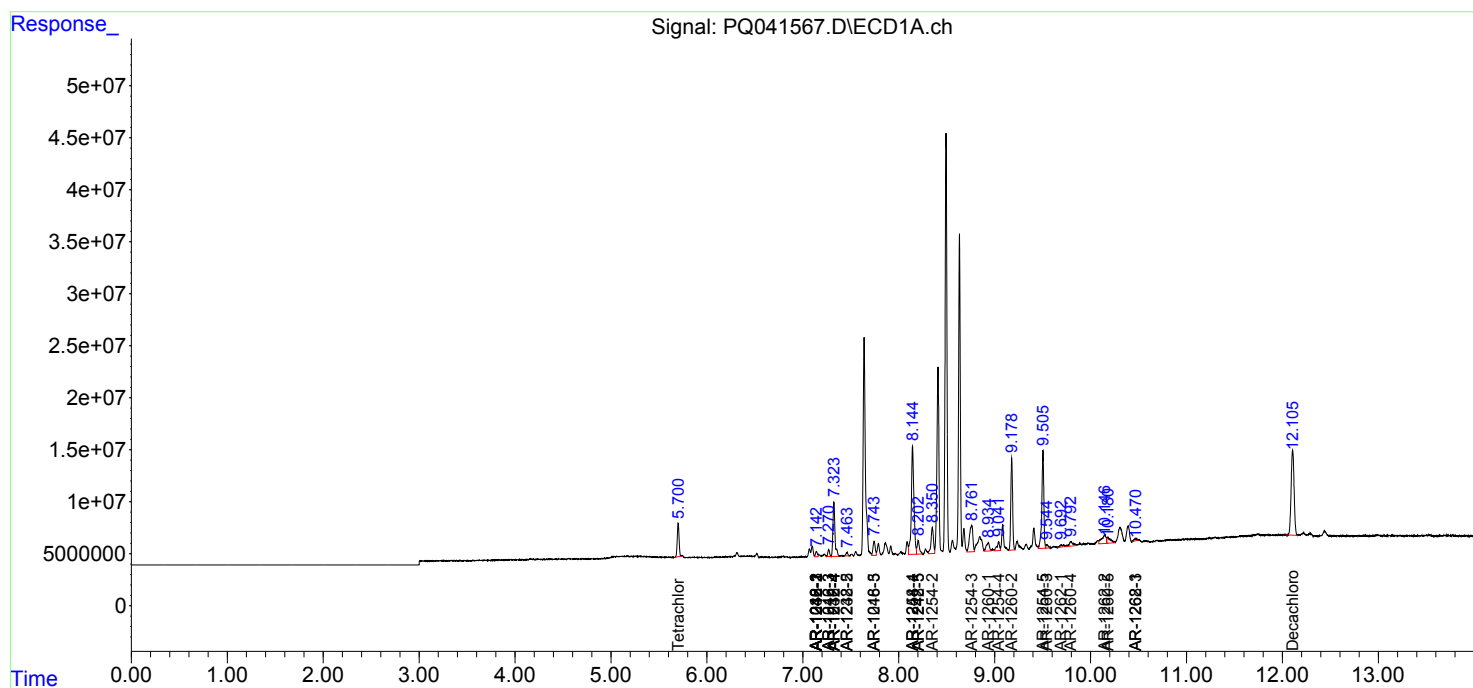
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

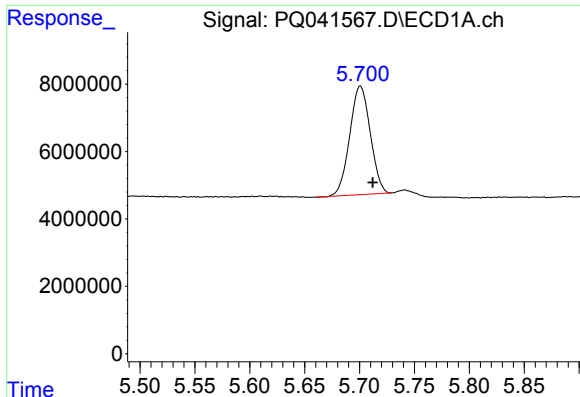
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
Data File : PQ041567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2019 22:38
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Quant Time: Jul 26 01:07:58 2019
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Integrator: 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

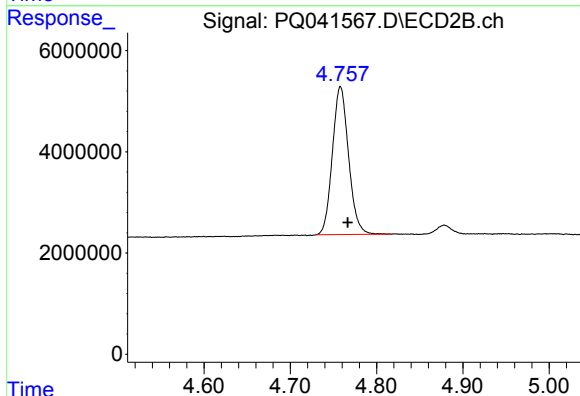




#1 Tetrachloro-m-xylene

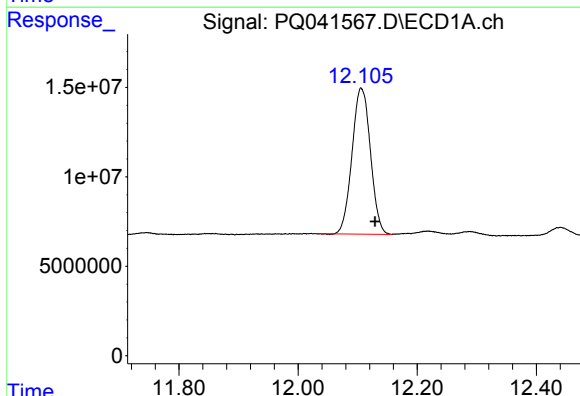
R.T.: 5.701 min
Delta R.T.: -0.011 min
Response: 41908087
Conc: 10.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



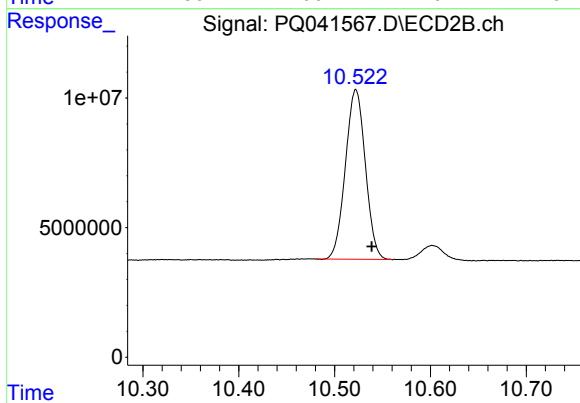
#1 Tetrachloro-m-xylene

R.T.: 4.758 min
Delta R.T.: -0.008 min
Response: 38183587
Conc: 12.70 ng/ml



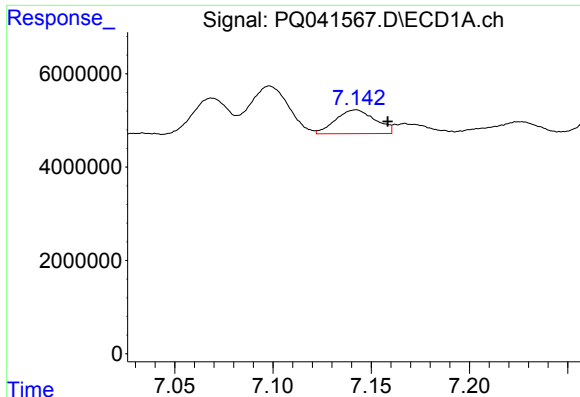
#2 Decachlorobiphenyl

R.T.: 12.106 min
Delta R.T.: -0.024 min
Response: 175250160
Conc: 16.94 ng/ml



#2 Decachlorobiphenyl

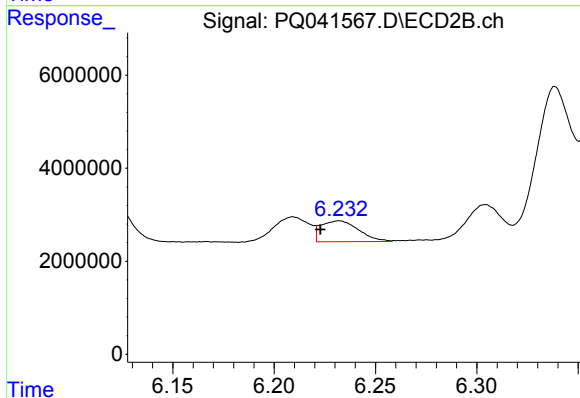
R.T.: 10.522 min
Delta R.T.: -0.017 min
Response: 95227193
Conc: 20.90 ng/ml



#3 AR-1016-1

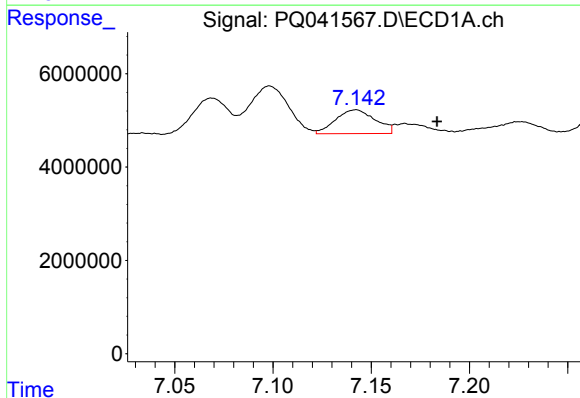
R.T.: 7.142 min
Delta R.T.: -0.016 min
Response: 7178087
Conc: 41.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



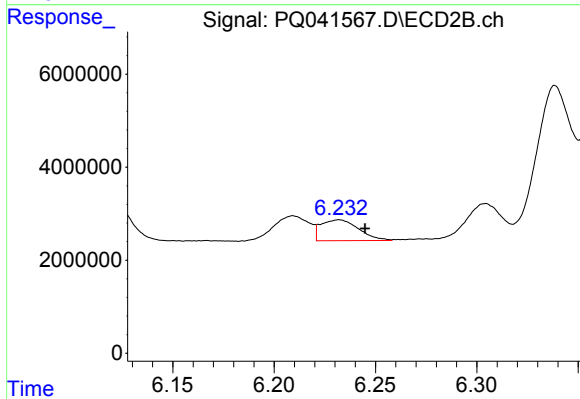
#3 AR-1016-1

R.T.: 6.232 min
Delta R.T.: 0.009 min
Response: 5834116
Conc: 39.87 ng/ml



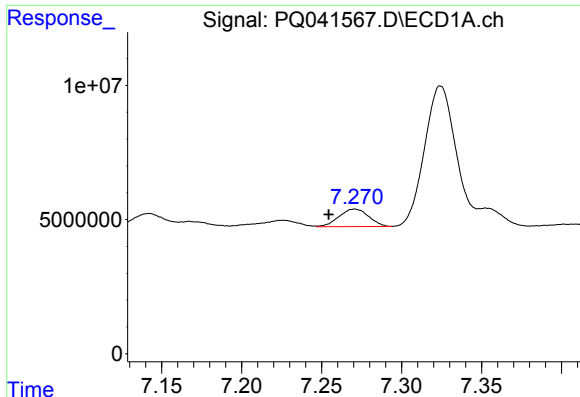
#4 AR-1016-2

R.T.: 7.142 min
Delta R.T.: -0.041 min
Response: 7178087
Conc: 27.22 ng/ml



#4 AR-1016-2

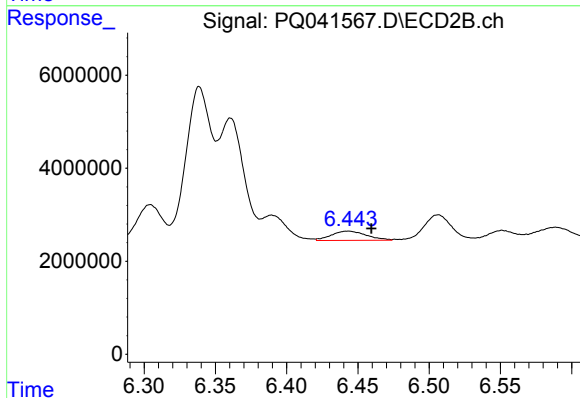
R.T.: 6.232 min
Delta R.T.: -0.013 min
Response: 5834116
Conc: 28.03 ng/ml



#5 AR-1016-3

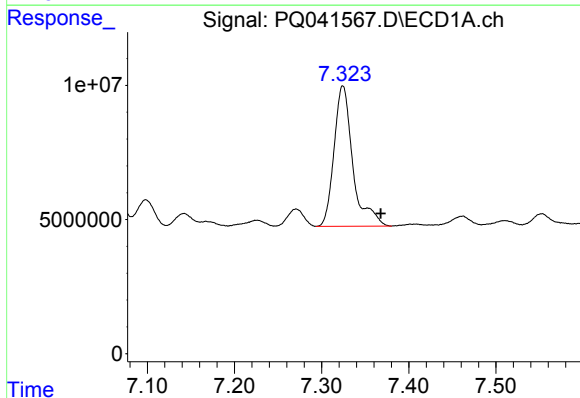
R.T.: 7.271 min
Delta R.T.: 0.016 min
Response: 8431240
Conc: 52.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



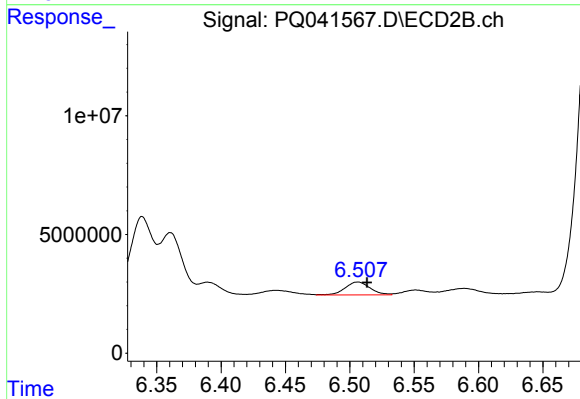
#5 AR-1016-3

R.T.: 6.443 min
Delta R.T.: -0.016 min
Response: 3430906
Conc: 30.39 ng/ml



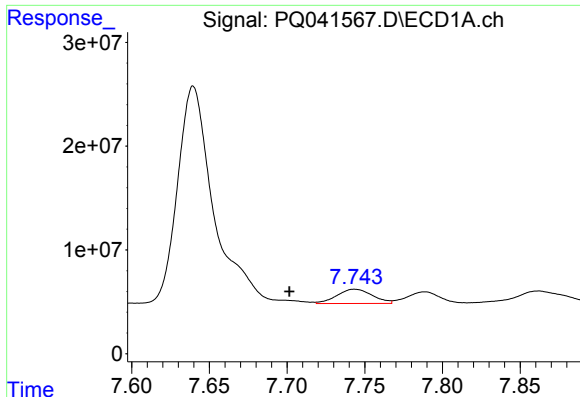
#6 AR-1016-4

R.T.: 7.324 min
Delta R.T.: -0.043 min
Response: 78362140
Conc: 581.46 ng/ml



#6 AR-1016-4

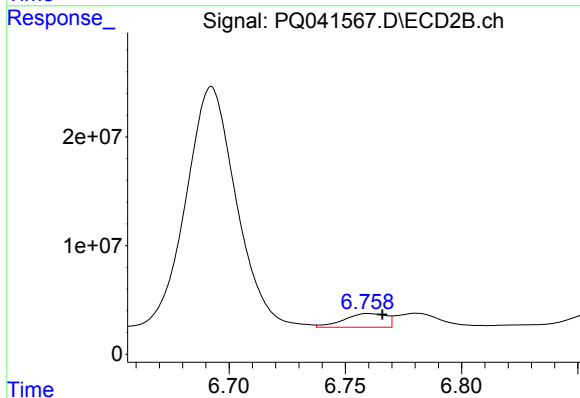
R.T.: 6.507 min
Delta R.T.: -0.007 min
Response: 7326984
Conc: 80.37 ng/ml



#7 AR-1016-5

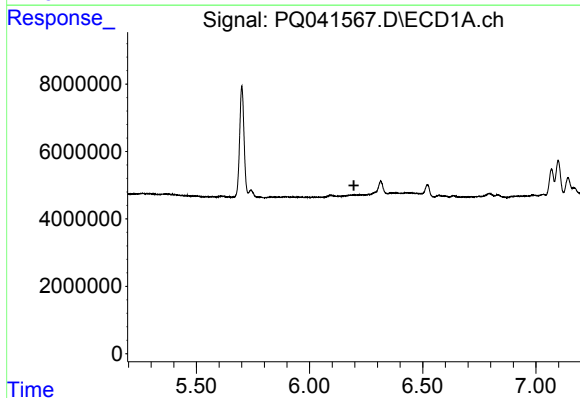
R.T.: 7.743 min
Delta R.T.: 0.042 min
Response: 21747433
Conc: 163.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



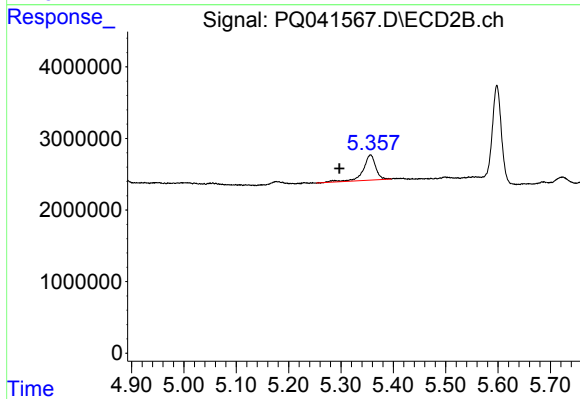
#7 AR-1016-5

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 15924907
Conc: 132.51 ng/ml



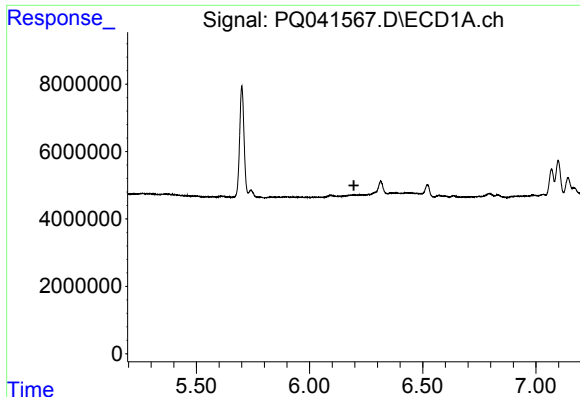
#10 AR-1221-3

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



#10 AR-1221-3

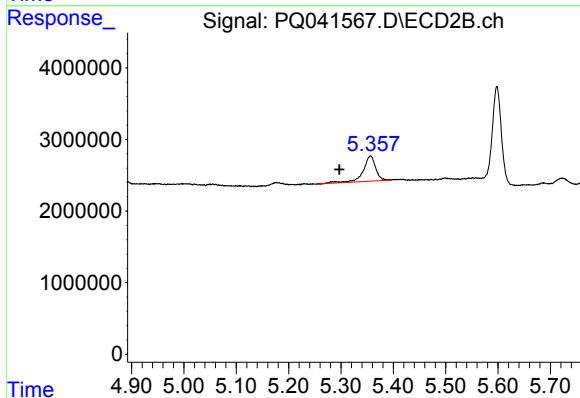
R.T.: 5.357 min
Delta R.T.: 0.059 min
Response: 5899553
Conc: 55.69 ng/ml



#11 AR-1232-1

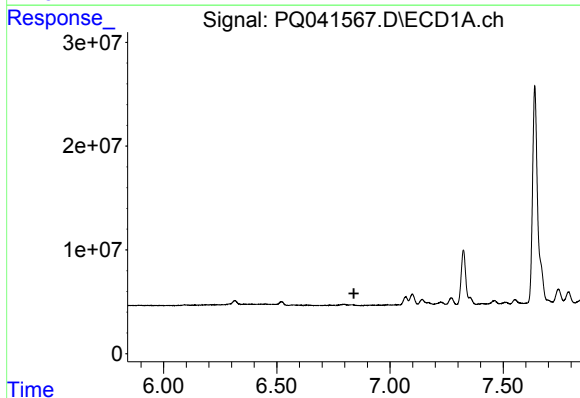
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



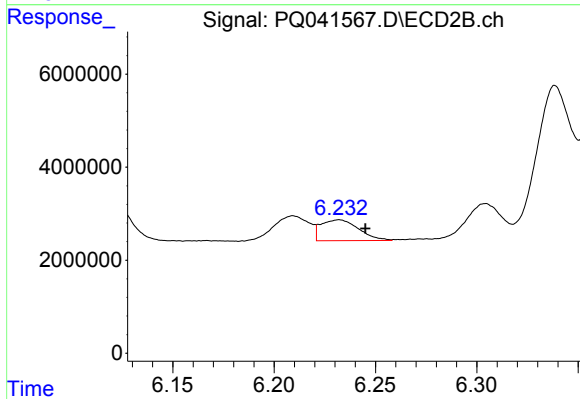
#11 AR-1232-1

R.T.: 5.357 min
Delta R.T.: 0.060 min
Response: 5899553
Conc: 77.77 ng/ml



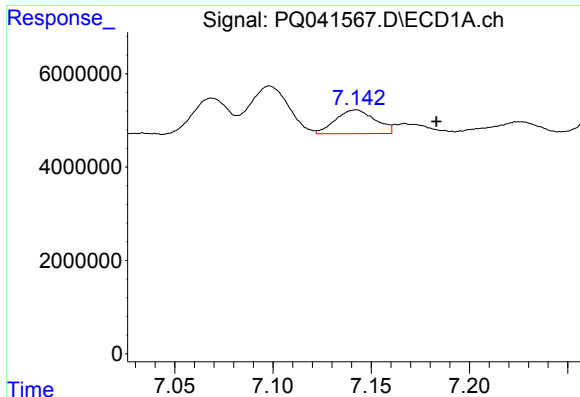
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.841 min
Response: 0
Conc: N.D.



#12 AR-1232-2

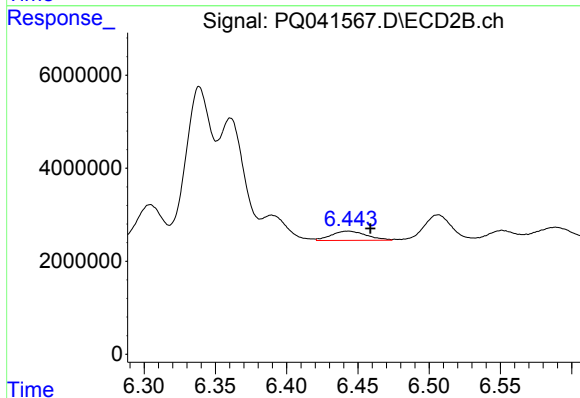
R.T.: 6.232 min
Delta R.T.: -0.013 min
Response: 5834116
Conc: 62.45 ng/ml



#13 AR-1232-3

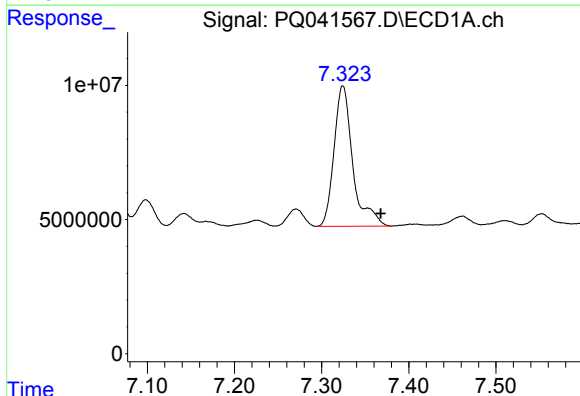
R.T.: 7.142 min
Delta R.T.: -0.041 min
Response: 7178087
Conc: 63.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



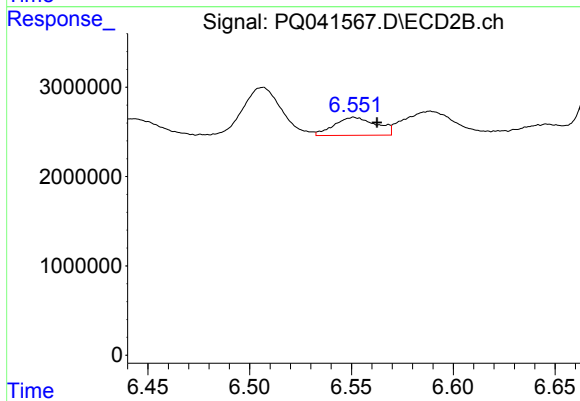
#13 AR-1232-3

R.T.: 6.443 min
Delta R.T.: -0.016 min
Response: 3430906
Conc: 71.28 ng/ml



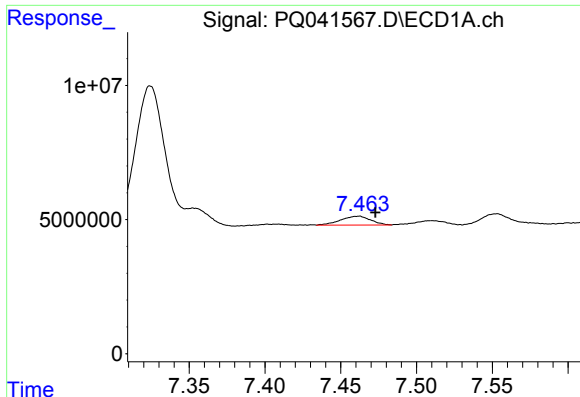
#14 AR-1232-4

R.T.: 7.324 min
Delta R.T.: -0.043 min
Response: 78362140
Conc: 1325.75 ng/ml



#14 AR-1232-4

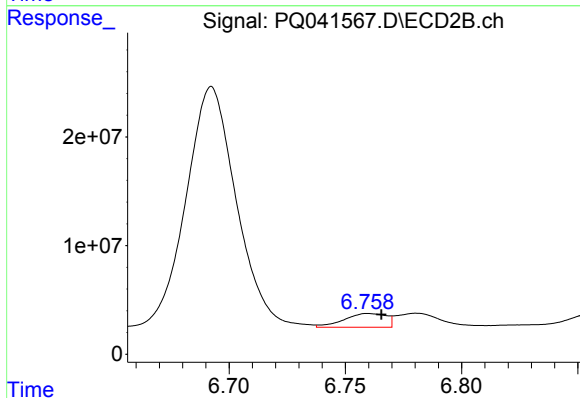
R.T.: 6.551 min
Delta R.T.: -0.011 min
Response: 2912977
Conc: 67.56 ng/ml



#15 AR-1232-5

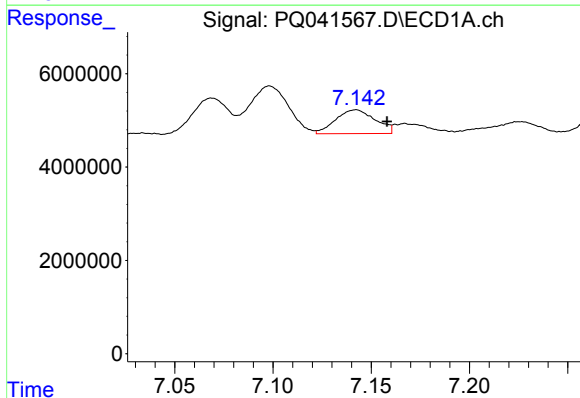
R.T.: 7.462 min
Delta R.T.: -0.011 min
Response: 4593003
Conc: 124.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



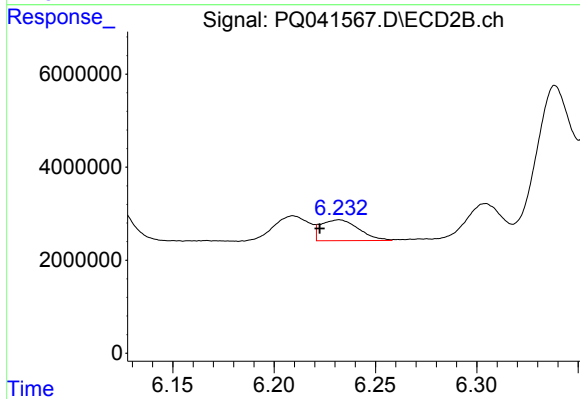
#15 AR-1232-5

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 15924907
Conc: 329.22 ng/ml



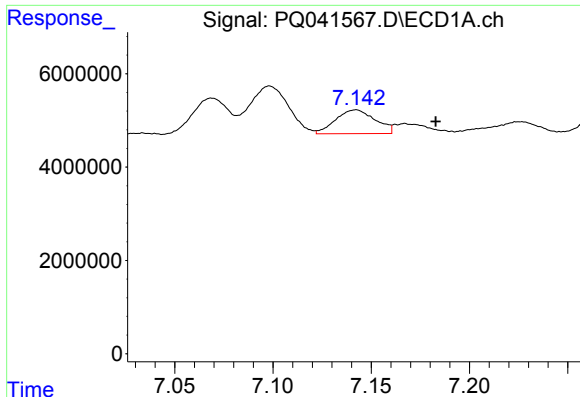
#16 AR-1242-1

R.T.: 7.142 min
Delta R.T.: -0.016 min
Response: 7178087
Conc: 57.31 ng/ml



#16 AR-1242-1

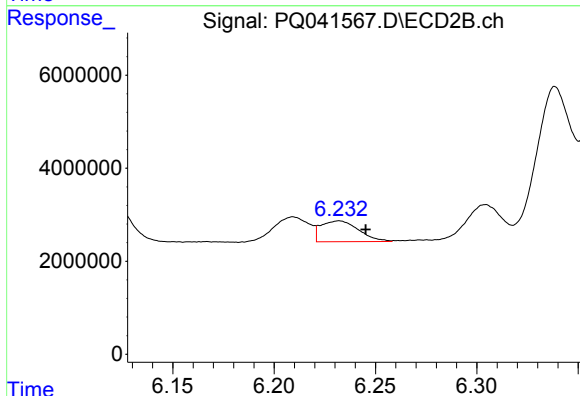
R.T.: 6.232 min
Delta R.T.: 0.010 min
Response: 5834116
Conc: 55.28 ng/ml



#17 AR-1242-2

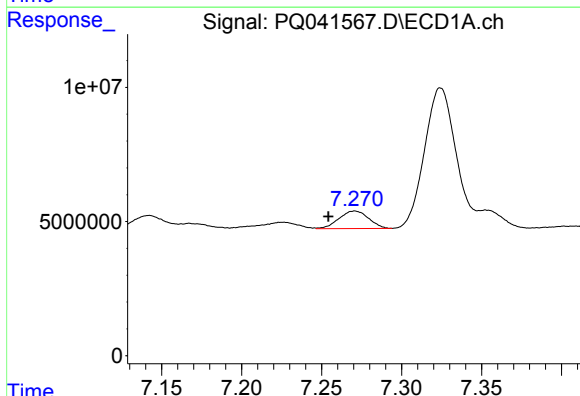
R.T.: 7.142 min
Delta R.T.: -0.041 min
Response: 7178087
Conc: 37.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



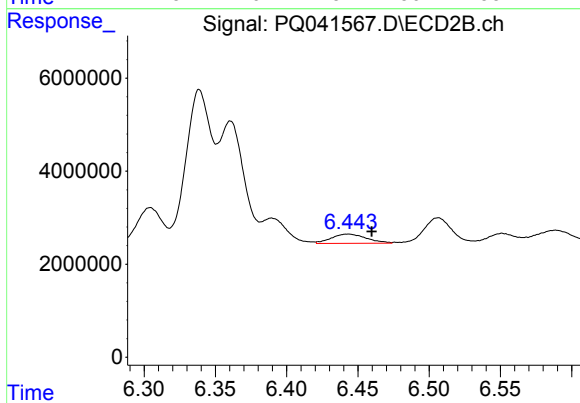
#17 AR-1242-2

R.T.: 6.232 min
Delta R.T.: -0.013 min
Response: 5834116
Conc: 37.62 ng/ml



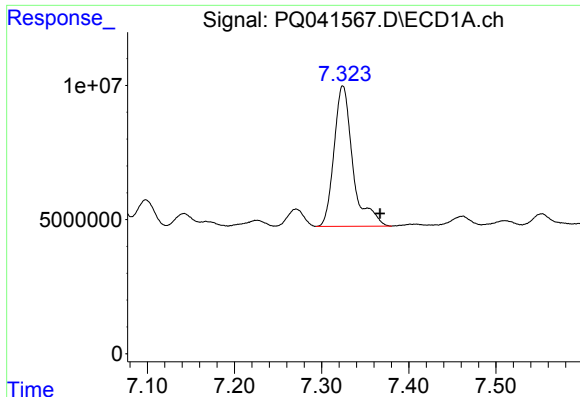
#18 AR-1242-3

R.T.: 7.271 min
Delta R.T.: 0.016 min
Response: 8431240
Conc: 71.31 ng/ml



#18 AR-1242-3

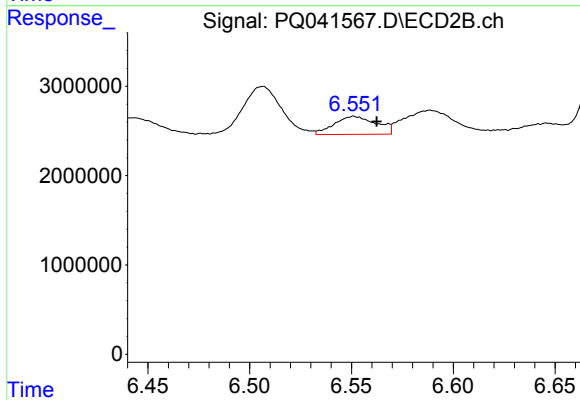
R.T.: 6.443 min
Delta R.T.: -0.016 min
Response: 3430906
Conc: 41.11 ng/ml



#19 AR-1242-4

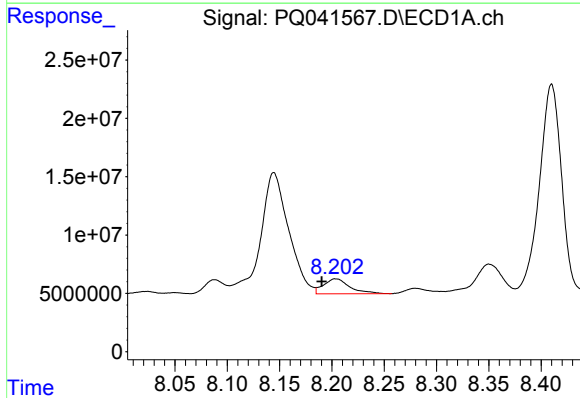
R.T.: 7.324 min
Delta R.T.: -0.043 min
Response: 78362140
Conc: 799.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



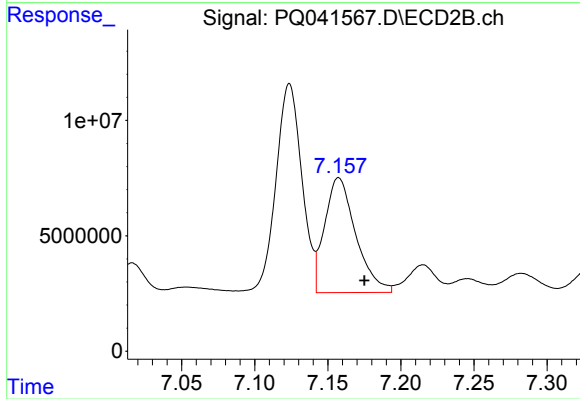
#19 AR-1242-4

R.T.: 6.551 min
Delta R.T.: -0.011 min
Response: 2912977
Conc: 35.76 ng/ml



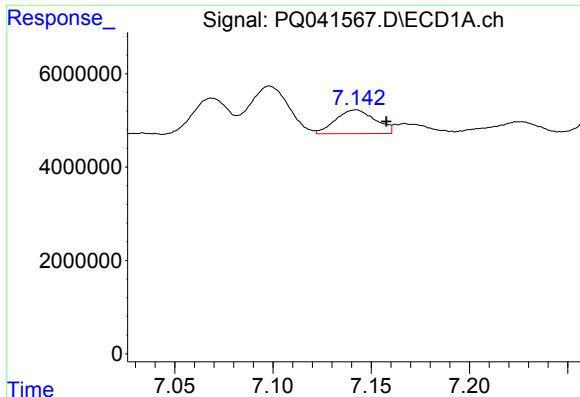
#20 AR-1242-5

R.T.: 8.204 min
Delta R.T.: 0.013 min
Response: 22316489
Conc: 168.33 ng/ml



#20 AR-1242-5

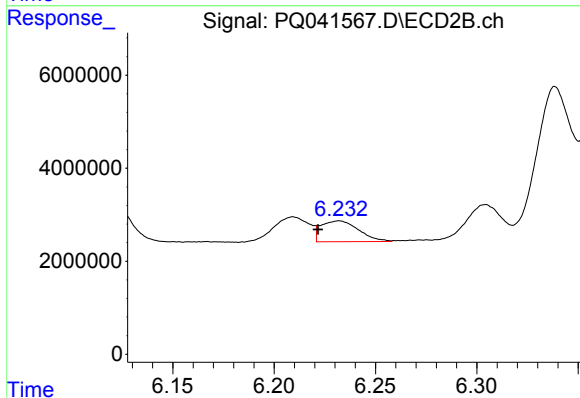
R.T.: 7.157 min
Delta R.T.: -0.018 min
Response: 73859353
Conc: 591.68 ng/ml



#21 AR-1248-1

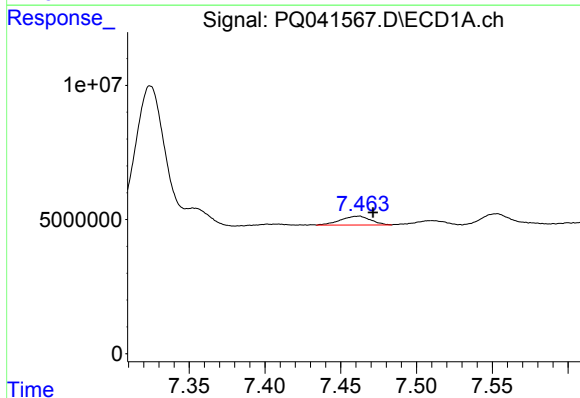
R.T.: 7.142 min
Delta R.T.: -0.016 min
Response: 7178087
Conc: 77.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



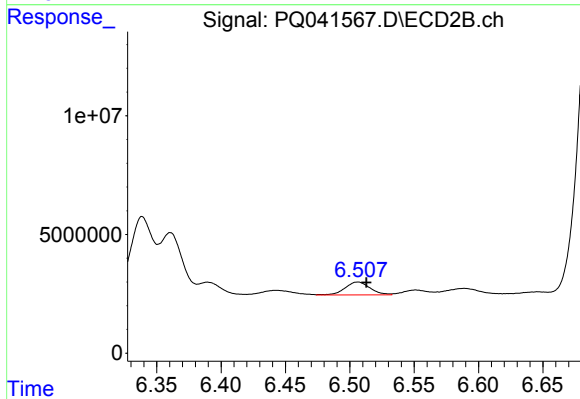
#21 AR-1248-1

R.T.: 6.232 min
Delta R.T.: 0.010 min
Response: 5834116
Conc: 72.64 ng/ml



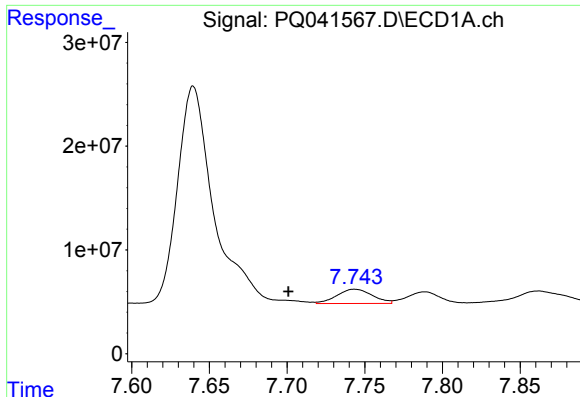
#22 AR-1248-2

R.T.: 7.462 min
Delta R.T.: -0.010 min
Response: 4593003
Conc: 37.32 ng/ml



#22 AR-1248-2

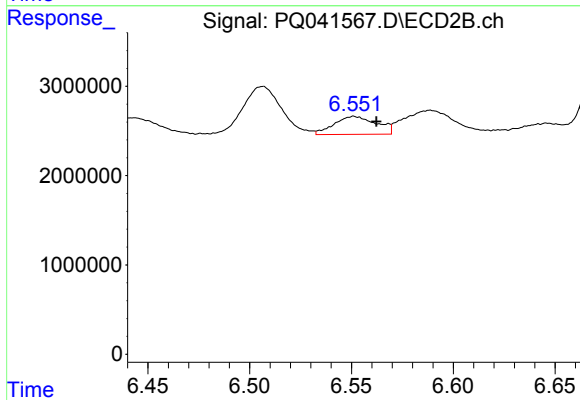
R.T.: 6.507 min
Delta R.T.: -0.006 min
Response: 7326984
Conc: 65.41 ng/ml



#23 AR-1248-3

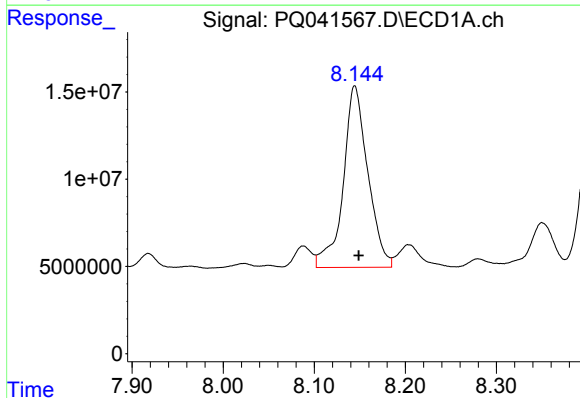
R.T.: 7.743 min
Delta R.T.: 0.043 min
Response: 21747433
Conc: 138.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



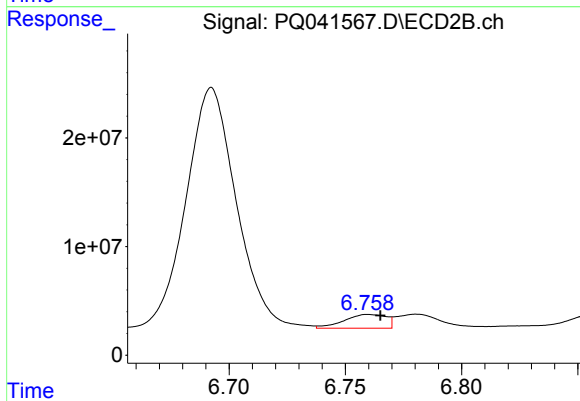
#23 AR-1248-3

R.T.: 6.551 min
Delta R.T.: -0.011 min
Response: 2912977
Conc: 25.24 ng/ml



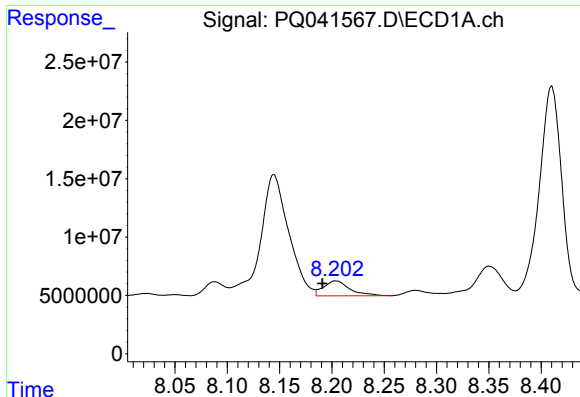
#24 AR-1248-4

R.T.: 8.144 min
Delta R.T.: -0.004 min
Response: 195470762
Conc: 904.92 ng/ml



#24 AR-1248-4

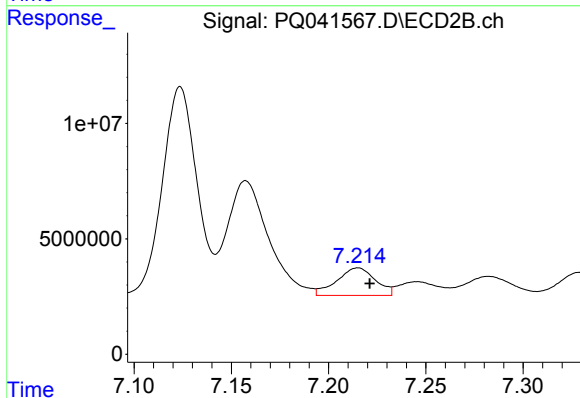
R.T.: 6.760 min
Delta R.T.: -0.005 min
Response: 15924907
Conc: 110.01 ng/ml



#25 AR-1248-5

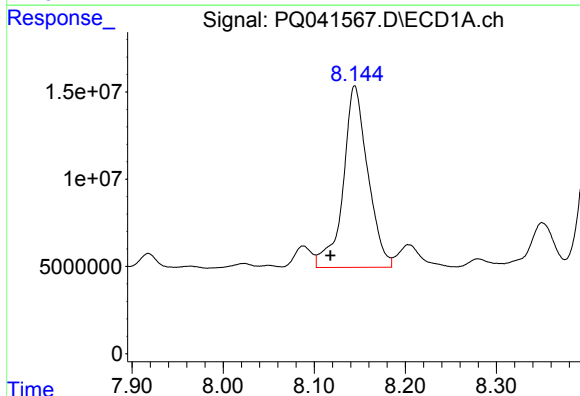
R.T.: 8.204 min
Delta R.T.: 0.013 min
Response: 22316489
Conc: 104.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



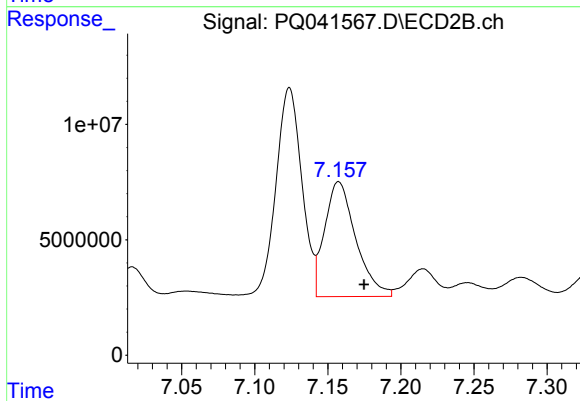
#25 AR-1248-5

R.T.: 7.215 min
Delta R.T.: -0.006 min
Response: 16502713
Conc: 98.07 ng/ml



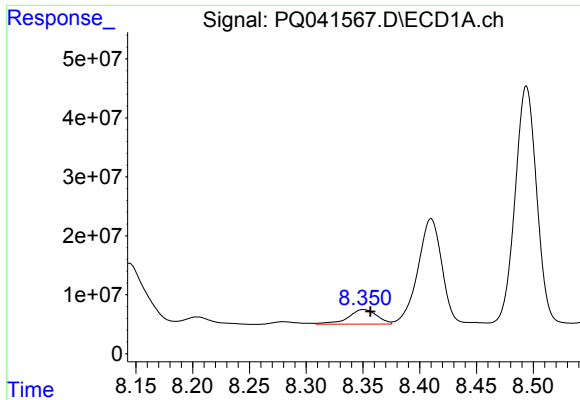
#26 AR-1254-1

R.T.: 8.144 min
Delta R.T.: 0.027 min
Response: 195470762
Conc: 964.33 ng/ml



#26 AR-1254-1

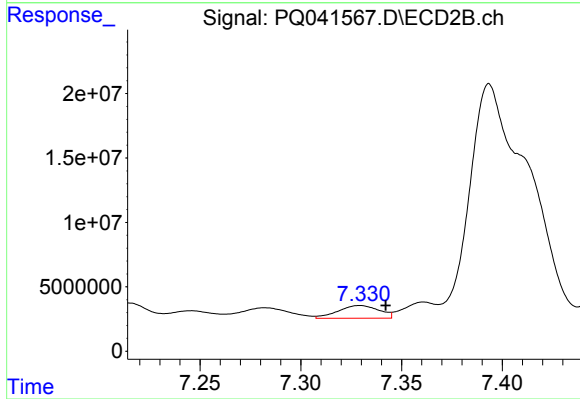
R.T.: 7.157 min
Delta R.T.: -0.017 min
Response: 73859353
Conc: 290.44 ng/ml



#27 AR-1254-2

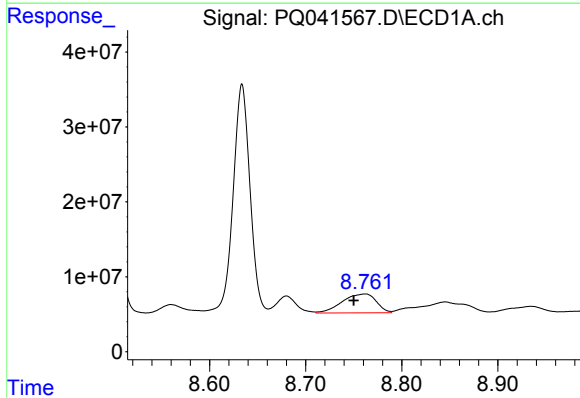
R.T.: 8.350 min
Delta R.T.: -0.006 min
Response: 44218775
Conc: 128.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



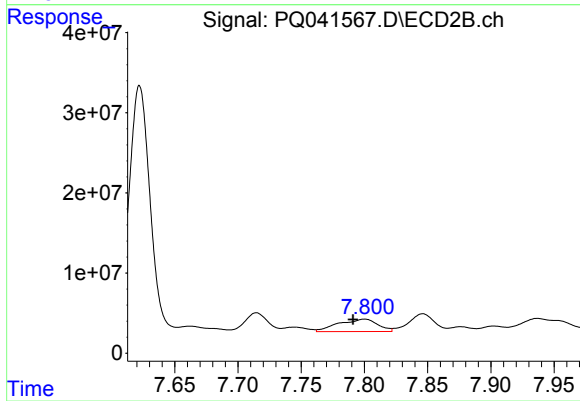
#27 AR-1254-2

R.T.: 7.329 min
Delta R.T.: -0.013 min
Response: 13977256
Conc: 61.09 ng/ml



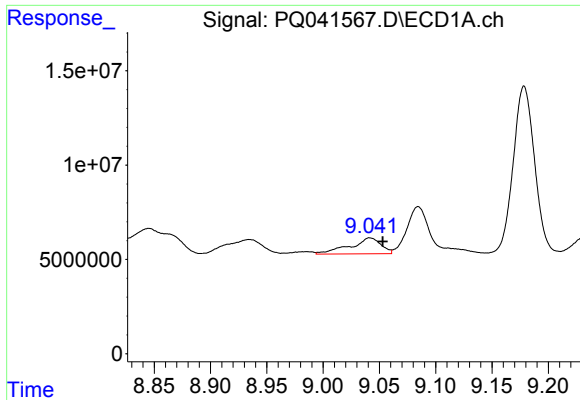
#28 AR-1254-3

R.T.: 8.762 min
Delta R.T.: 0.012 min
Response: 62225251
Conc: 150.16 ng/ml



#28 AR-1254-3

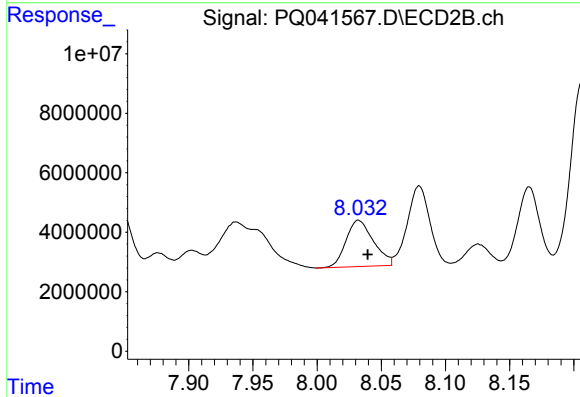
R.T.: 7.800 min
Delta R.T.: 0.009 min
Response: 33293085
Conc: 82.03 ng/ml



#29 AR-1254-4

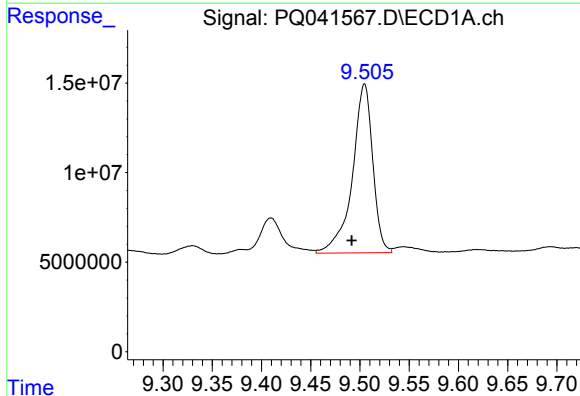
R.T.: 9.041 min
Delta R.T.: -0.011 min
Response: 16170057
Conc: 44.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



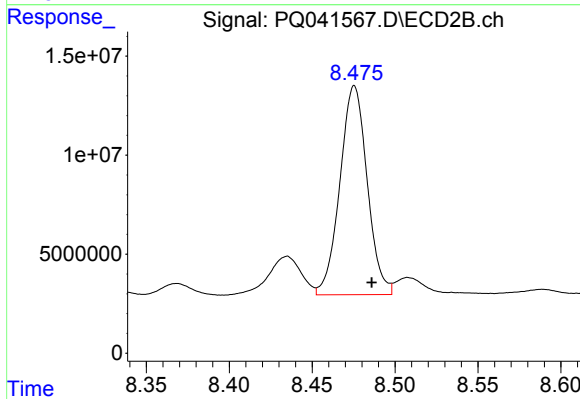
#29 AR-1254-4

R.T.: 8.032 min
Delta R.T.: -0.007 min
Response: 23105398
Conc: 84.58 ng/ml



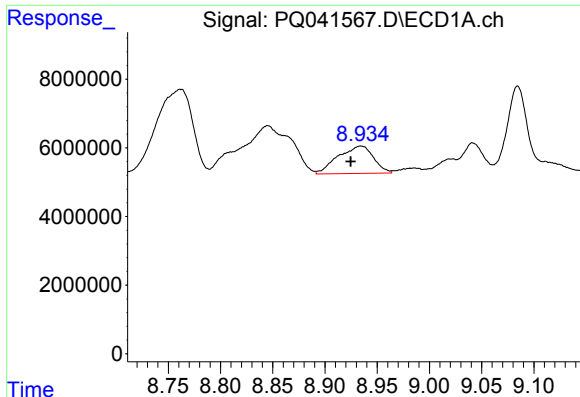
#30 AR-1254-5

R.T.: 9.505 min
Delta R.T.: 0.013 min
Response: 135734759
Conc: 338.04 ng/ml



#30 AR-1254-5

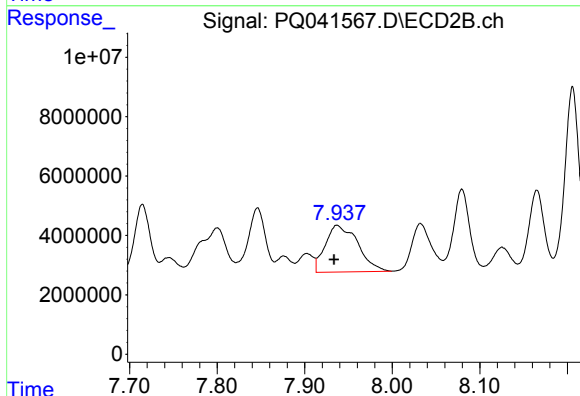
R.T.: 8.475 min
Delta R.T.: -0.010 min
Response: 120854122
Conc: 302.69 ng/ml



#31 AR-1260-1

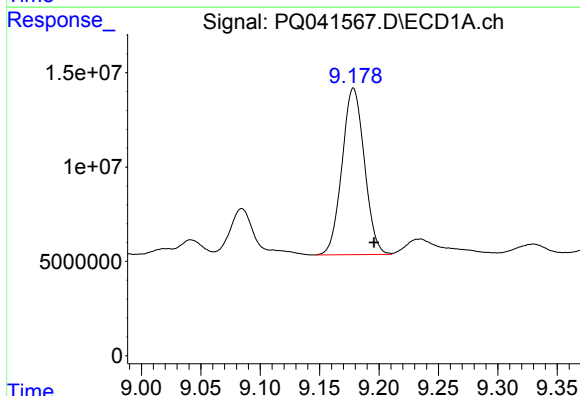
R.T.: 8.934 min
Delta R.T.: 0.010 min
Response: 18763727
Conc: 62.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



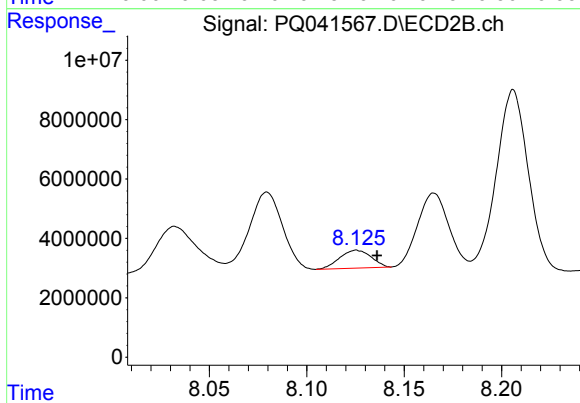
#31 AR-1260-1

R.T.: 7.937 min
Delta R.T.: 0.003 min
Response: 40540305
Conc: 152.43 ng/ml



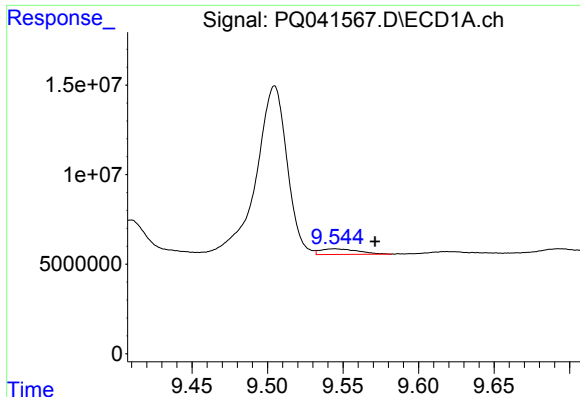
#32 AR-1260-2

R.T.: 9.178 min
Delta R.T.: -0.017 min
Response: 115534562
Conc: 252.06 ng/ml



#32 AR-1260-2

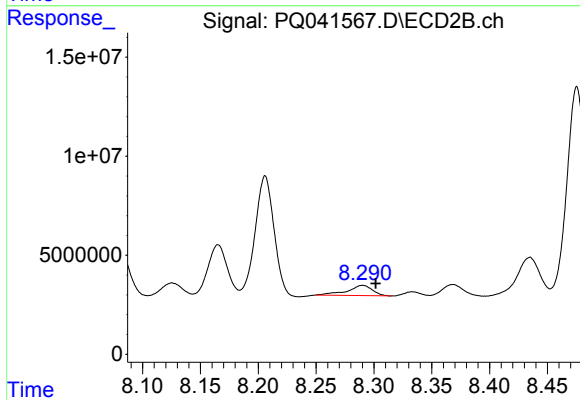
R.T.: 8.126 min
Delta R.T.: -0.011 min
Response: 6795011
Conc: 18.73 ng/ml



#33 AR-1260-3

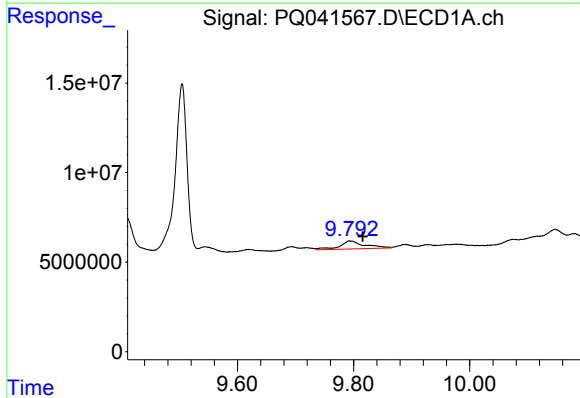
R.T.: 9.545 min
Delta R.T.: -0.026 min
Response: 5345598
Conc: 12.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



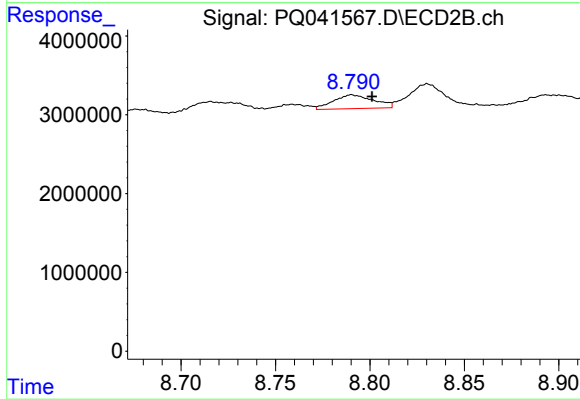
#33 AR-1260-3

R.T.: 8.290 min
Delta R.T.: -0.011 min
Response: 7810997
Conc: 24.87 ng/ml



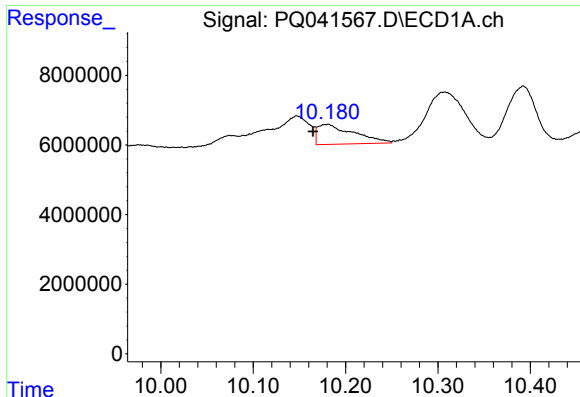
#34 AR-1260-4

R.T.: 9.793 min
Delta R.T.: -0.023 min
Response: 13463396
Conc: 31.98 ng/ml



#34 AR-1260-4

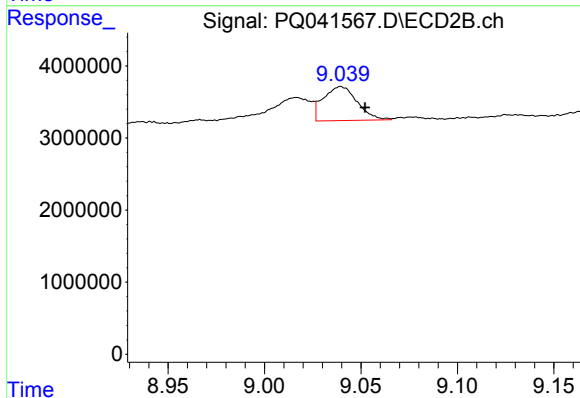
R.T.: 8.790 min
Delta R.T.: -0.011 min
Response: 2582807
Conc: 9.07 ng/ml



#35 AR-1260-5

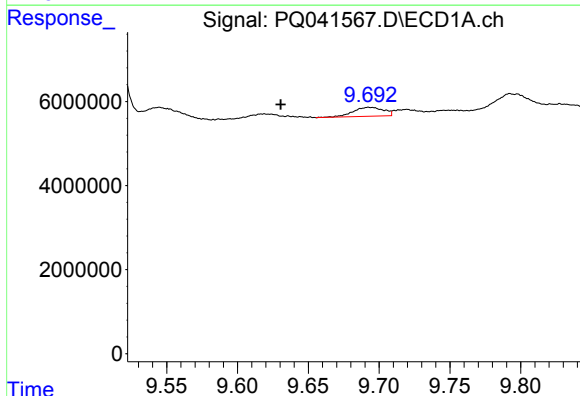
R.T.: 10.181 min
Delta R.T.: 0.016 min
Response: 15545905
Conc: 14.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



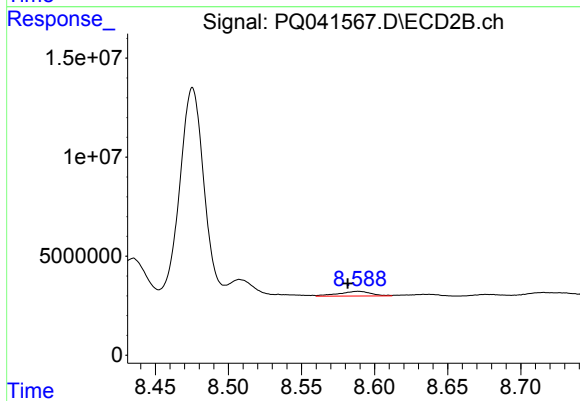
#35 AR-1260-5

R.T.: 9.040 min
Delta R.T.: -0.012 min
Response: 5766881
Conc: 7.76 ng/ml



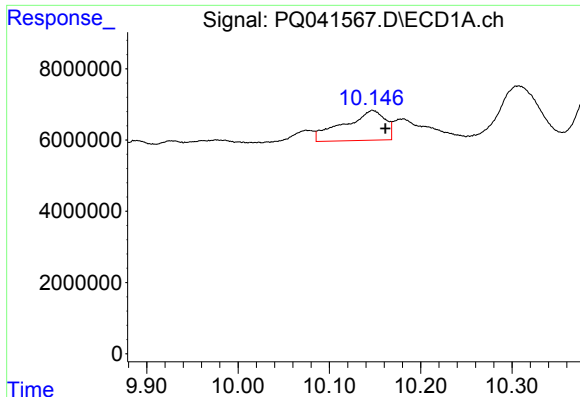
#36 AR-1262-1

R.T.: 9.693 min
Delta R.T.: 0.063 min
Response: 3211244
Conc: 13.08 ng/ml



#36 AR-1262-1

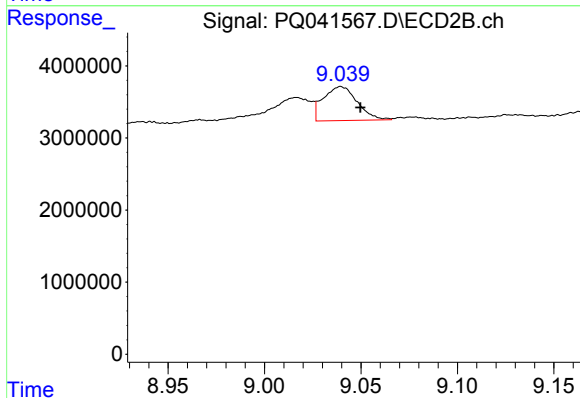
R.T.: 8.589 min
Delta R.T.: 0.007 min
Response: 3579418
Conc: 18.61 ng/ml



#37 AR-1262-2

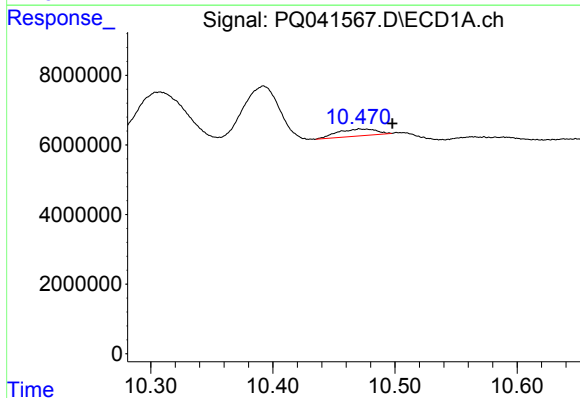
R.T.: 10.147 min
Delta R.T.: -0.014 min
Response: 26488574
Conc: 21.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



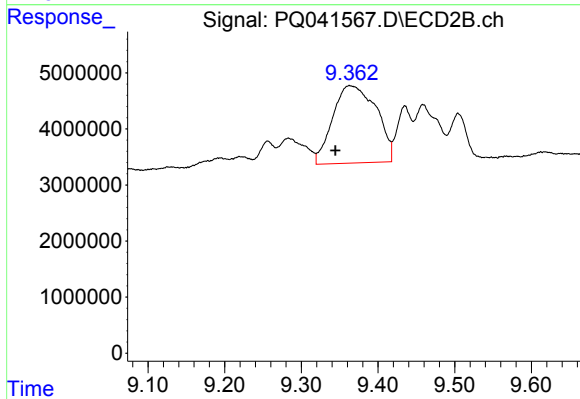
#37 AR-1262-2

R.T.: 9.040 min
Delta R.T.: -0.010 min
Response: 5766881
Conc: 6.86 ng/ml



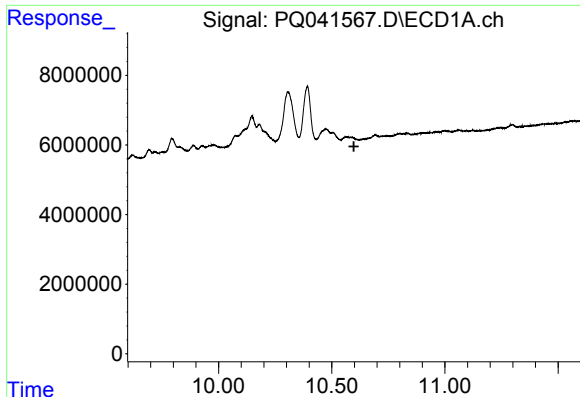
#38 AR-1262-3

R.T.: 10.471 min
Delta R.T.: -0.027 min
Response: 4375771
Conc: 5.25 ng/ml



#38 AR-1262-3

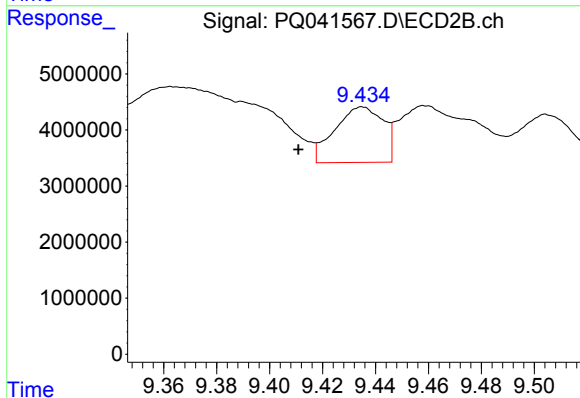
R.T.: 9.363 min
Delta R.T.: 0.019 min
Response: 54461319
Conc: 154.84 ng/ml



#39 AR-1262-4

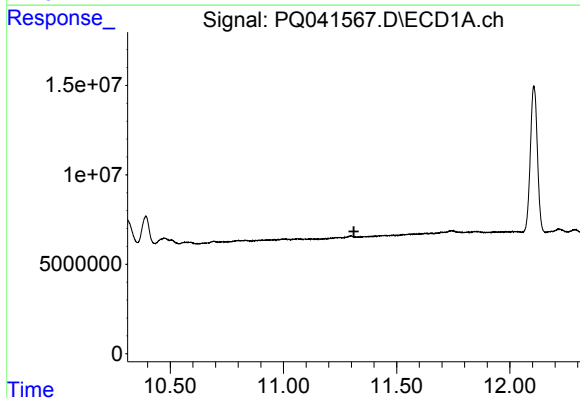
R.T.: 0.000 min
Exp R.T.: 10.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



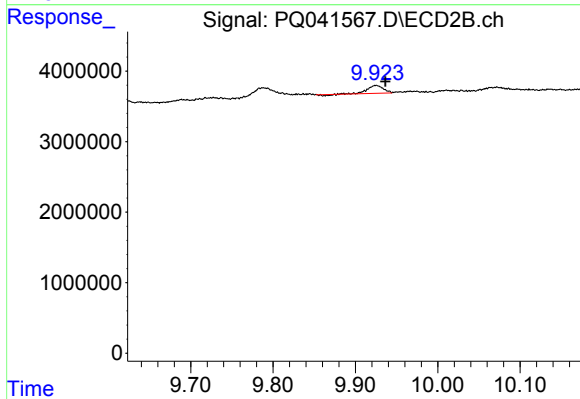
#39 AR-1262-4

R.T.: 9.435 min
Delta R.T.: 0.024 min
Response: 12544996
Conc: 21.35 ng/ml



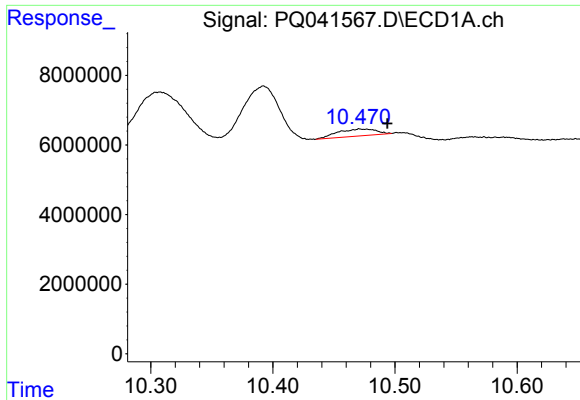
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.311 min
Response: 0
Conc: N.D.



#40 AR-1262-5

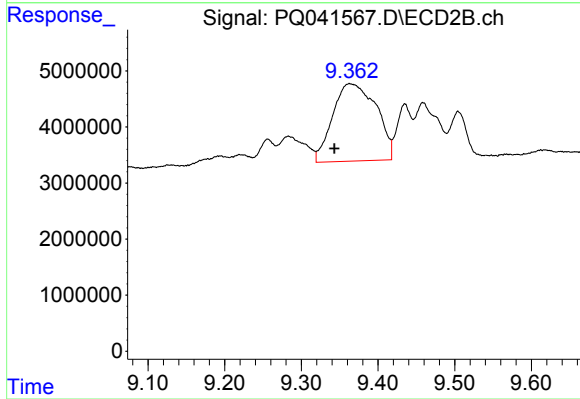
R.T.: 9.925 min
Delta R.T.: -0.012 min
Response: 1439059
Conc: 6.00 ng/ml



#41 AR-1268-1

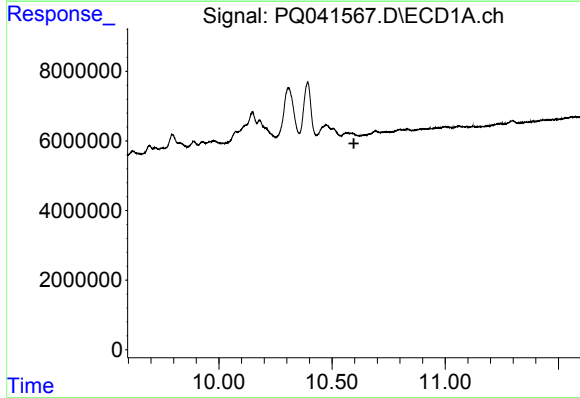
R.T.: 10.471 min
Delta R.T.: -0.023 min
Response: 4375771
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



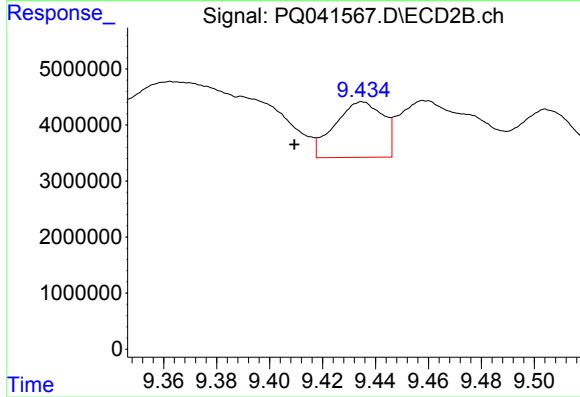
#41 AR-1268-1

R.T.: 9.363 min
Delta R.T.: 0.020 min
Response: 54461319
Conc: 47.66 ng/ml



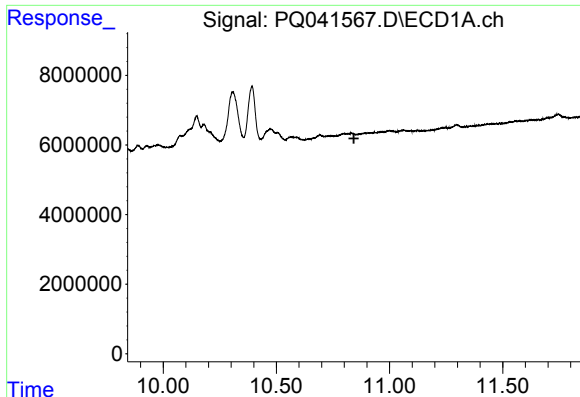
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.596 min
Response: 0
Conc: N.D.



#42 AR-1268-2

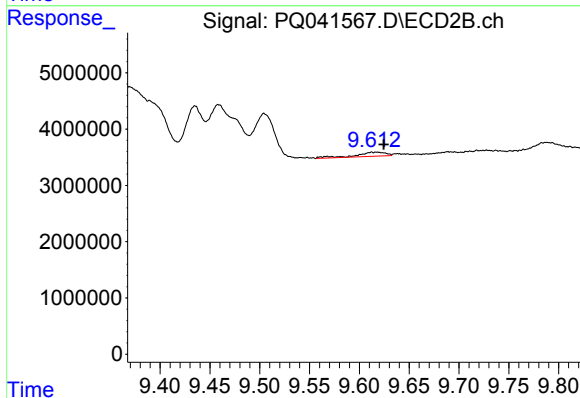
R.T.: 9.435 min
Delta R.T.: 0.026 min
Response: 12544996
Conc: 12.91 ng/ml



#43 AR-1268-3

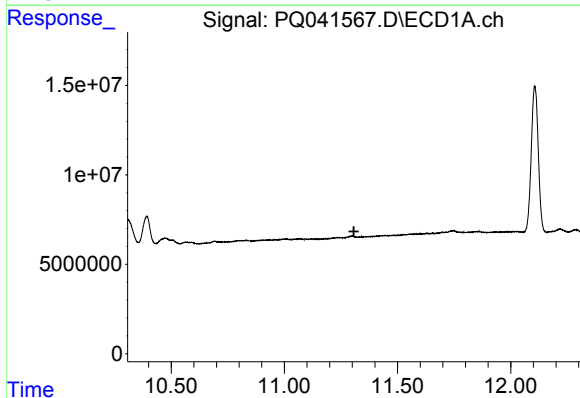
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



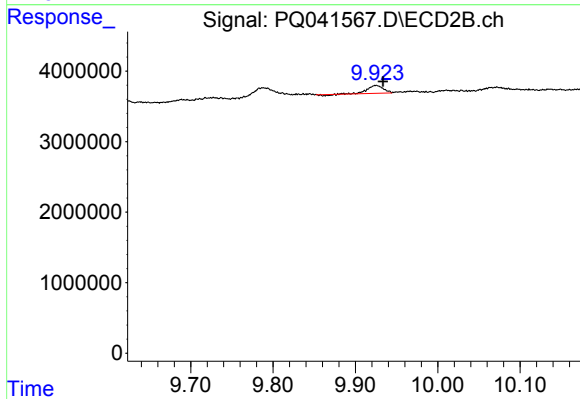
#43 AR-1268-3

R.T.: 9.612 min
Delta R.T.: -0.012 min
Response: 1519675
Conc: 1.90 ng/ml



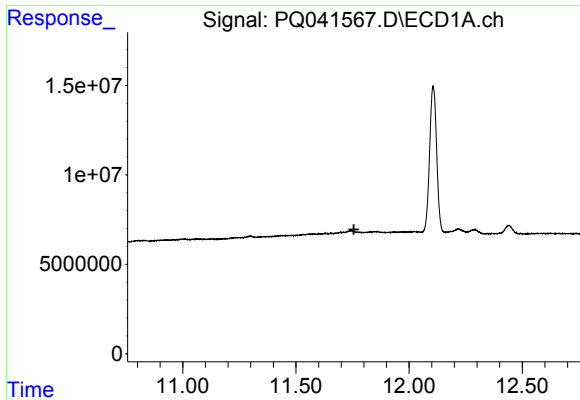
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.307 min
Response: 0
Conc: N.D.



#44 AR-1268-4

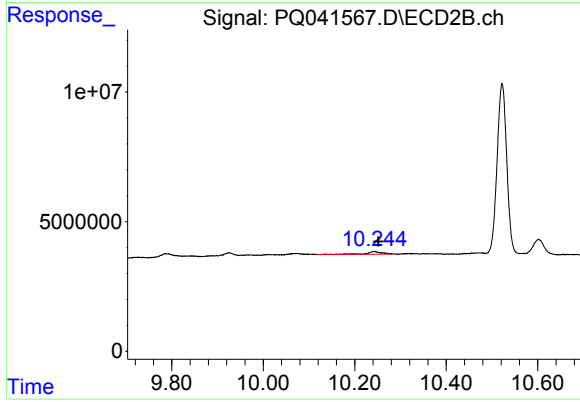
R.T.: 9.925 min
Delta R.T.: -0.009 min
Response: 1439059
Conc: 4.69 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.756 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.244 min
Delta R.T.: -0.008 min
Response: 2182446
Conc: 1.10 ng/ml