

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051919\
 Data File : PQ039995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2019 10:36
 Operator : SM\AJ
 Sample : K2814-02
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 A4247

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:41:28 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...	5.610	4.733	116.5E6	69663060	17.280	14.504
2)	SA Decachlor...	11.941	10.464	78323826	44115201	12.542	11.426
Target Compounds							
3)	L1 AR-1016-1	7.085	6.204	17818629	3834537	55.191	15.097 #
4)	L1 AR-1016-2	7.085	6.204	17818629	3834537	37.614	10.546 #
5)	L1 AR-1016-3	7.151	6.485	8223059	12468359	29.014	67.994 #
6)	L1 AR-1016-4	7.271	6.485	919793	12468359	3.958	96.272 #
7)	L1 AR-1016-5	7.601	6.726	12557137	3013307	56.160	16.022 #
8)	L2 AR-1221-1	0.000	5.083	0	4577503	N.D.	90.350 #
9)	L2 AR-1221-2	6.012	5.155	4222531	7347643	87.588	215.288 #
10)	L2 AR-1221-3	6.093	5.261	15200889	3550933	92.416	29.234 #
11)	L3 AR-1232-1	6.093	5.261	15200889	3550933	121.749	38.257 #
12)	L3 AR-1232-2	6.783	6.204	37735264	3834537	623.998	41.404 #
13)	L3 AR-1232-3	7.085	6.485	17818629	12468359	142.980	252.370 #
14)	L3 AR-1232-4	7.271	6.520	919793	18270153	14.925	443.771 #
15)	L3 AR-1232-5	7.374	6.726	2451878	3013307	61.566	67.023
16)	L4 AR-1242-1	7.085	6.204	17818629	3834537	113.449	31.059 #
17)	L4 AR-1242-2	7.085	6.204	17818629	3834537	77.086	21.794 #
18)	L4 AR-1242-3	7.151	6.485	8223059	12468359	59.351	137.300 #
19)	L4 AR-1242-4	7.271	6.520	919793	18270153	8.077	215.881 #
20)	L4 AR-1242-5	8.092	7.133	14341966	8114800	118.682	75.686 #
21)	L5 AR-1248-1	7.085	6.204	17818629	3834537	137.210	37.947 #
22)	L5 AR-1248-2	7.374	6.485	2451878	12468359	14.934	98.466 #
23)	L5 AR-1248-3	7.601	6.520	12557137	18270153	64.696	137.749 #
24)	L5 AR-1248-4	8.050	6.726	12858026	3013307	59.577	18.393 #
25)	L5 AR-1248-5	8.092	7.181	14341966	5853650	68.802	36.125 #
26)	L6 AR-1254-1	8.019	7.133	17744604	8114800	76.868	30.639 #
27)	L6 AR-1254-2	8.259	7.301	27537805	5153357	76.413	22.574 #
28)	L6 AR-1254-3	8.664	7.768	21567440	13929268	56.810	37.698 #
29)	L6 AR-1254-4	8.954	7.999	8847382	4460896	32.415	19.436 #
30)	L6 AR-1254-5	9.417	8.442	3027602	6452995	10.075	20.726 #
31)	L7 AR-1260-1	8.822	7.889	7993070	5514132	17.914	14.969
32)	L7 AR-1260-2	9.093	8.092	32414699	4766894	60.312	10.479 #
33)	L7 AR-1260-3	9.464	8.255	2168686	2087297	5.405	4.969
34)	L7 AR-1260-4	9.704	8.753	3913606	2086402	8.509	6.304 #
35)	L7 AR-1260-5	10.046	9.006	2142455	2468963	2.222	3.010 #
36)	L8 AR-1262-1	9.526	0.000	1474623	0	9.611	N.D. #
37)	L8 AR-1262-2	10.046	9.006	2142455	2468963	3.169	4.121 #
38)	L8 AR-1262-3	10.396	9.363	840530	1524321	1.830	6.613 #
39)	L8 AR-1262-4	0.000	9.363	0	1524321	N.D.	3.585 #
41)	L9 AR-1268-1	10.396	9.363	840530	1524321	0.694	1.473 #
42)	L9 AR-1268-2	0.000	9.363	0	1524321	N.D.	1.593 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:41:28 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
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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
43) L9	AR-1268-3	10.732	9.601	3172945	2074731	3.127	2.580
45) L9	AR-1268-5	11.596	10.196	1860214	1112109	0.561	0.452

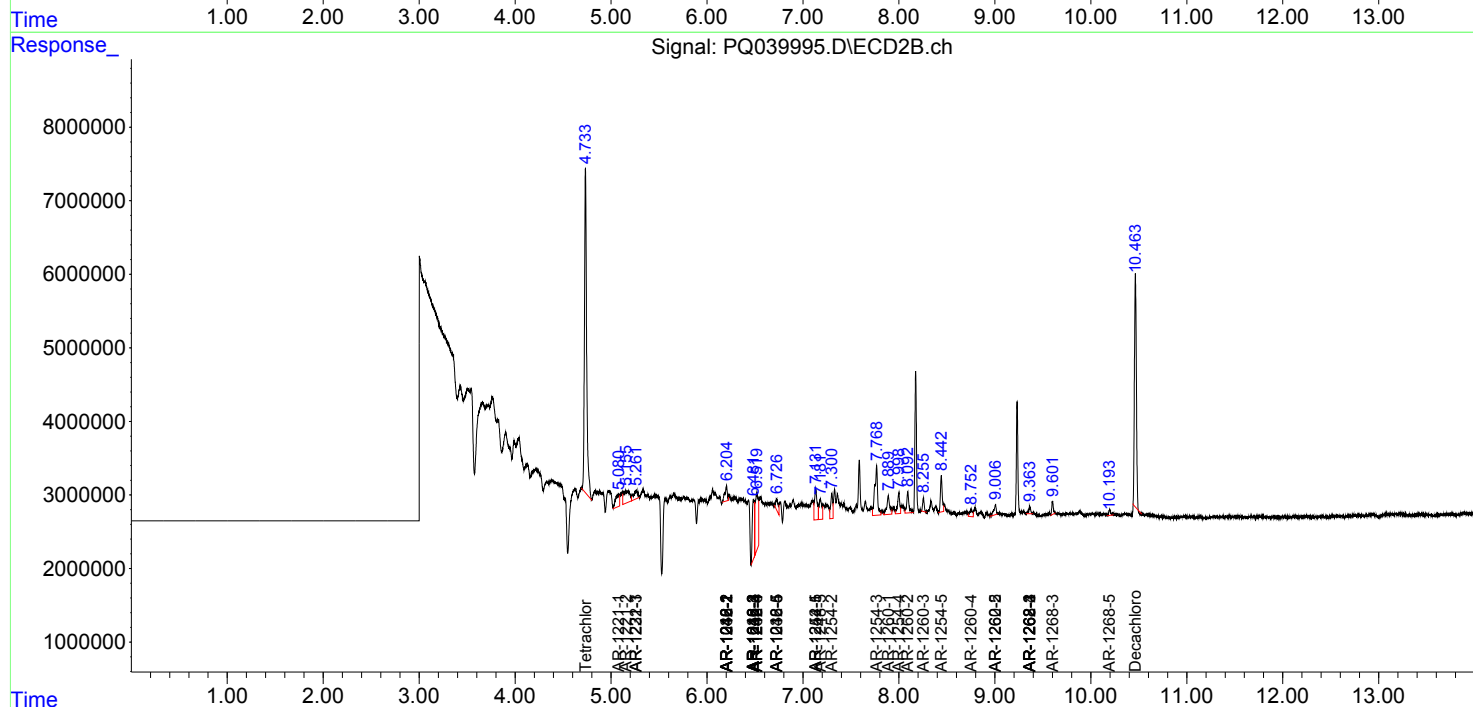
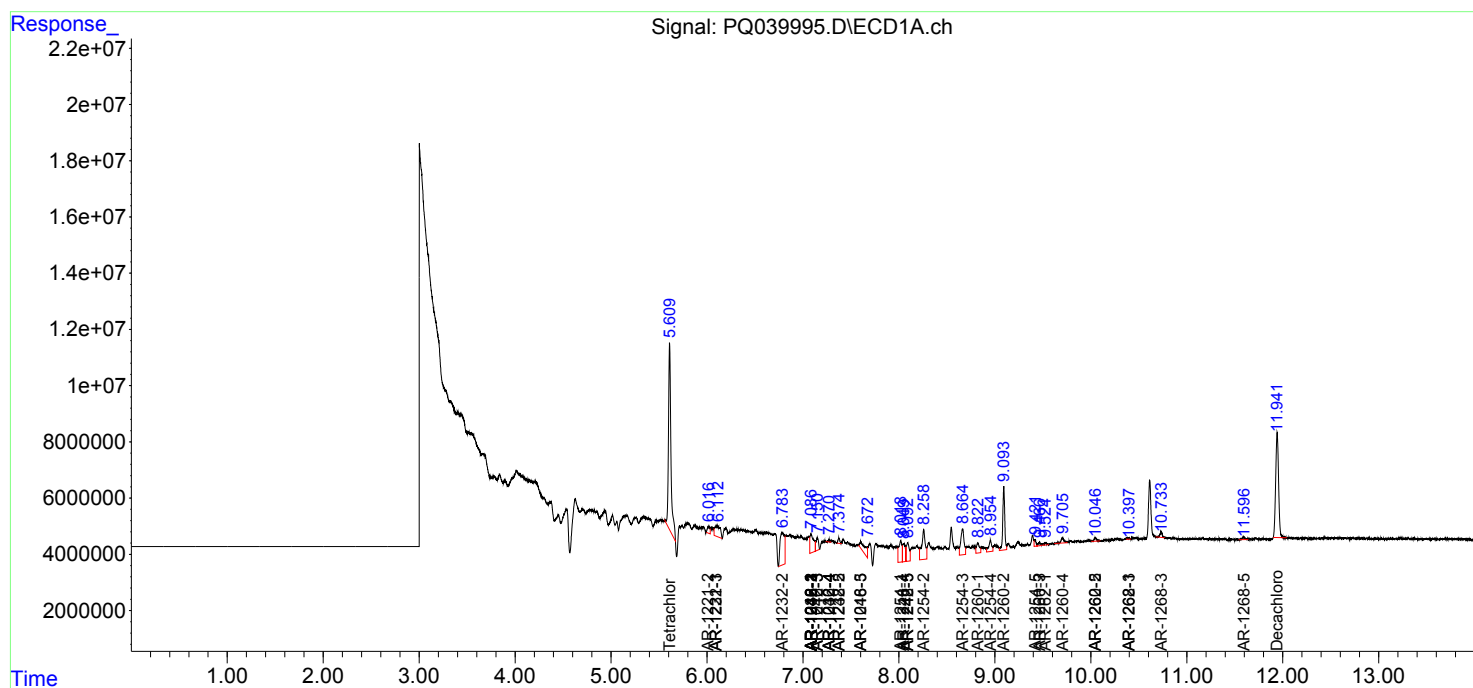
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

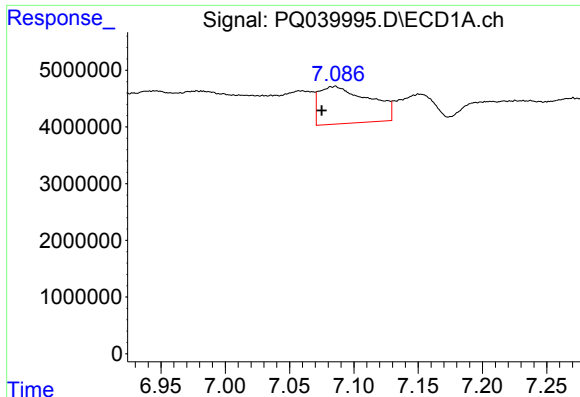
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051919\
Data File : PQ039995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2019 10:36
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Sample : K2814-02
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ALS Vial : 72 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 02:41:28 2019
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QLast Update : Sat May 18 00:58:45 2019
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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

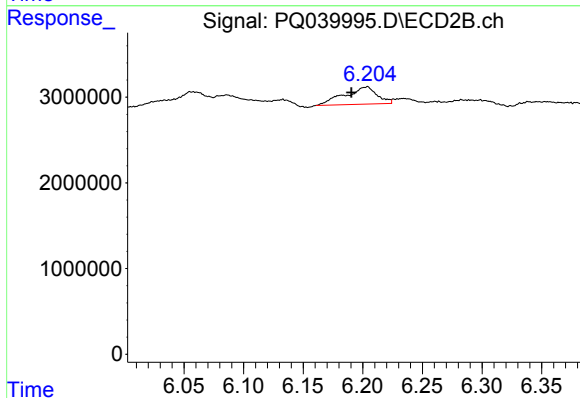




#3 AR-1016-1

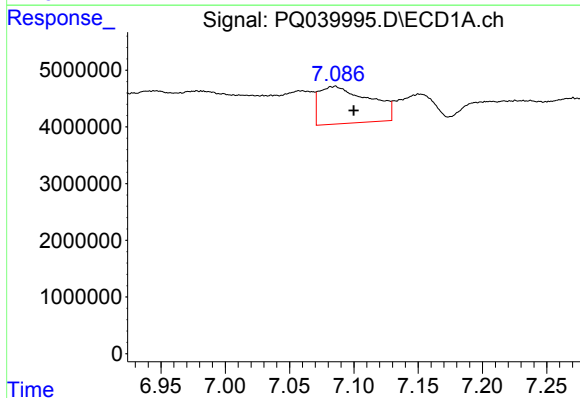
R.T.: 7.085 min
Delta R.T.: 0.010 min
Response: 17818629
Conc: 55.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



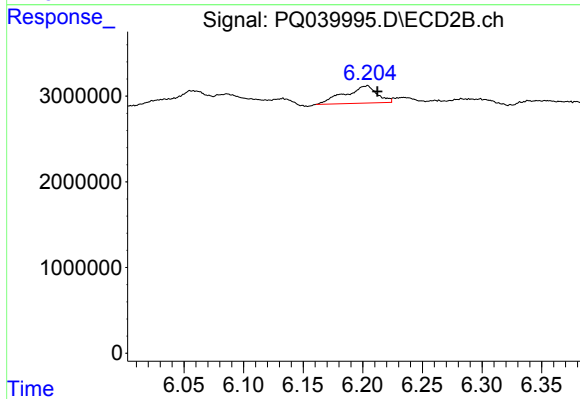
#3 AR-1016-1

R.T.: 6.204 min
Delta R.T.: 0.013 min
Response: 3834537
Conc: 15.10 ng/ml



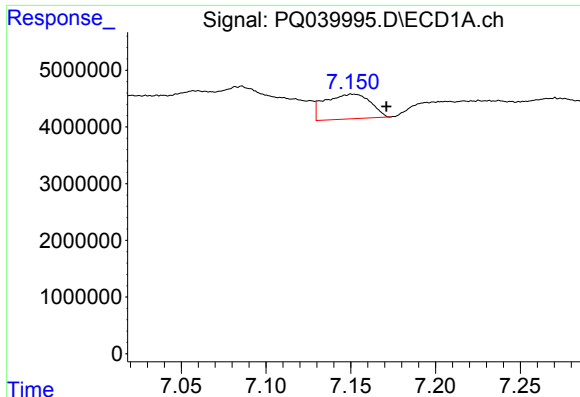
#4 AR-1016-2

R.T.: 7.085 min
Delta R.T.: -0.015 min
Response: 17818629
Conc: 37.61 ng/ml



#4 AR-1016-2

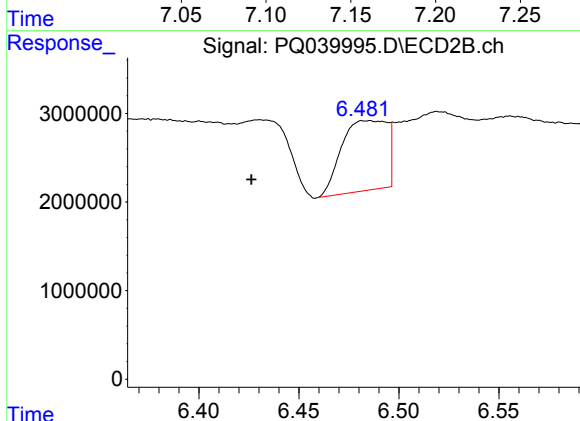
R.T.: 6.204 min
Delta R.T.: -0.009 min
Response: 3834537
Conc: 10.55 ng/ml



#5 AR-1016-3

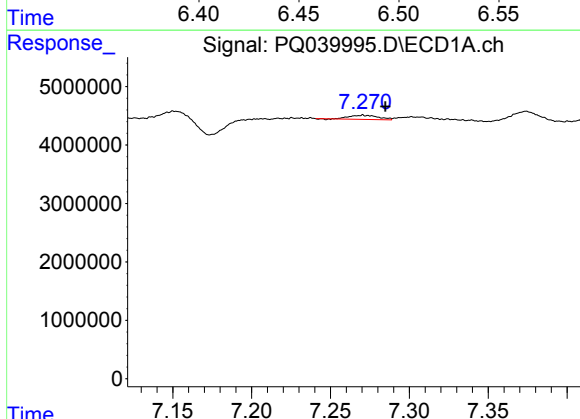
R.T.: 7.151 min
Delta R.T.: -0.020 min
Response: 8223059
Conc: 29.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



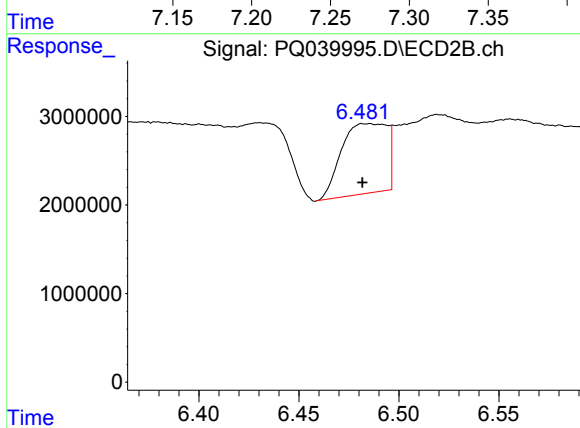
#5 AR-1016-3

R.T.: 6.485 min
Delta R.T.: 0.058 min
Response: 12468359
Conc: 67.99 ng/ml



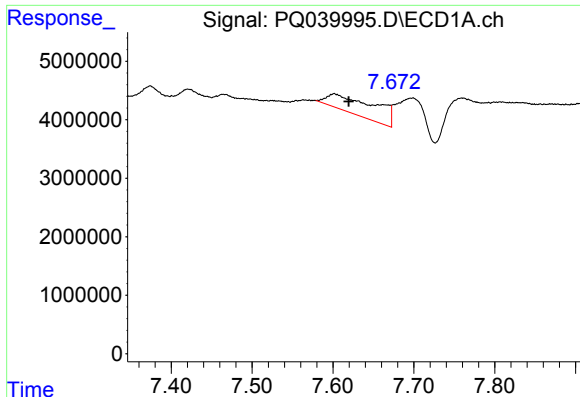
#6 AR-1016-4

R.T.: 7.271 min
Delta R.T.: -0.014 min
Response: 919793
Conc: 3.96 ng/ml



#6 AR-1016-4

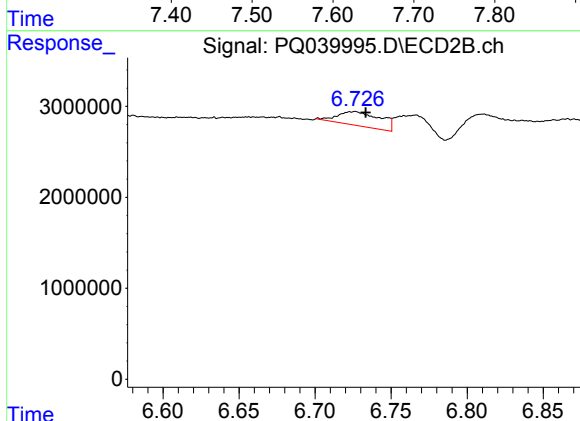
R.T.: 6.485 min
Delta R.T.: 0.003 min
Response: 12468359
Conc: 96.27 ng/ml



#7 AR-1016-5

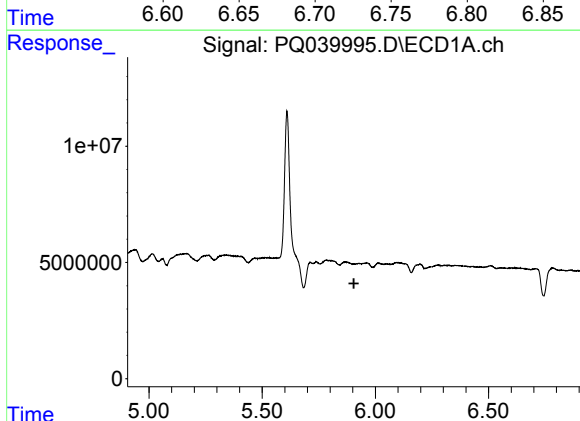
R.T.: 7.601 min
Delta R.T.: -0.018 min
Response: 12557137
Conc: 56.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



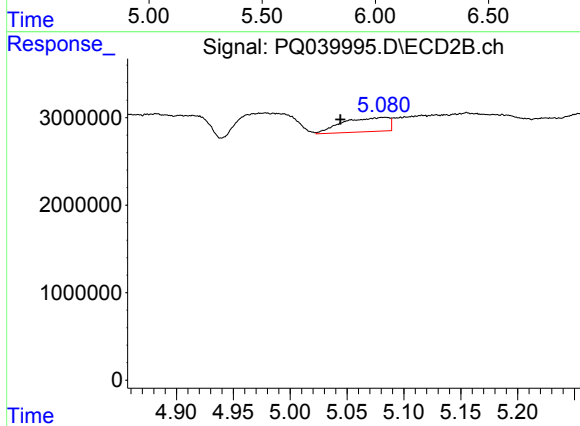
#7 AR-1016-5

R.T.: 6.726 min
Delta R.T.: -0.007 min
Response: 3013307
Conc: 16.02 ng/ml



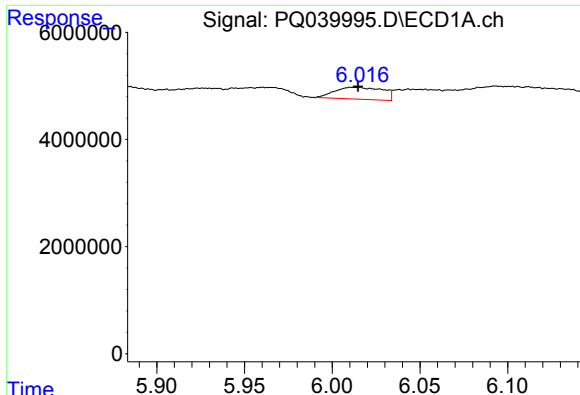
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.905 min
Response: 0
Conc: N.D.



#8 AR-1221-1

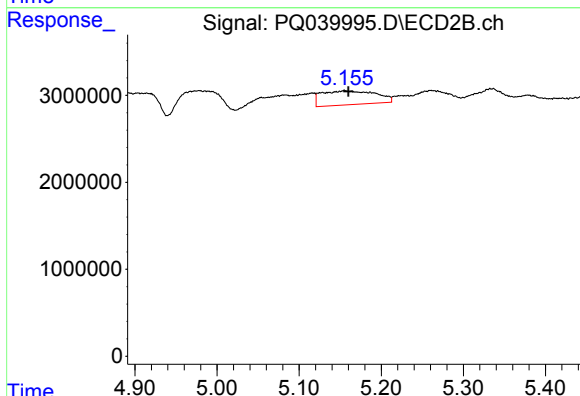
R.T.: 5.083 min
Delta R.T.: 0.039 min
Response: 4577503
Conc: 90.35 ng/ml



#9 AR-1221-2

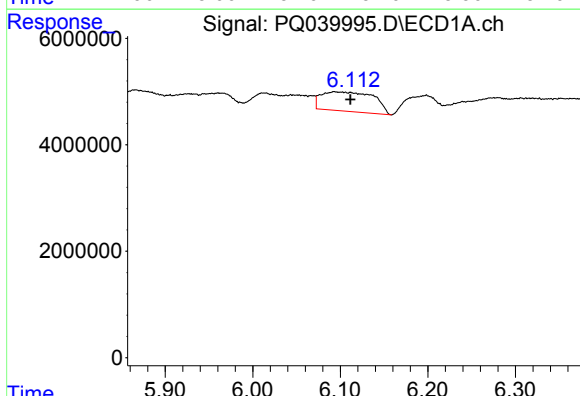
R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 4222531
Conc: 87.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



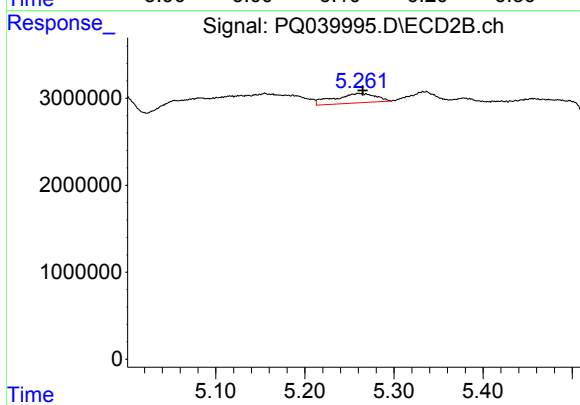
#9 AR-1221-2

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 7347643
Conc: 215.29 ng/ml



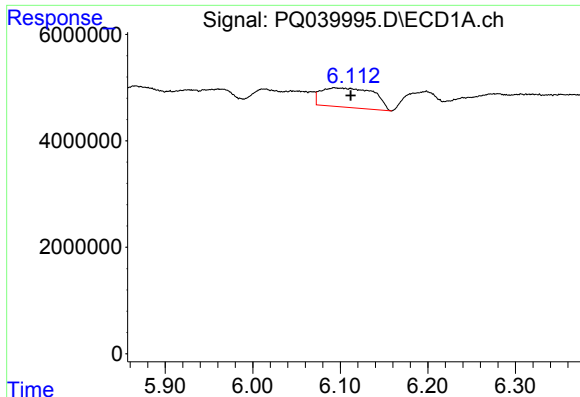
#10 AR-1221-3

R.T.: 6.093 min
Delta R.T.: -0.018 min
Response: 15200889
Conc: 92.42 ng/ml



#10 AR-1221-3

R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 3550933
Conc: 29.23 ng/ml



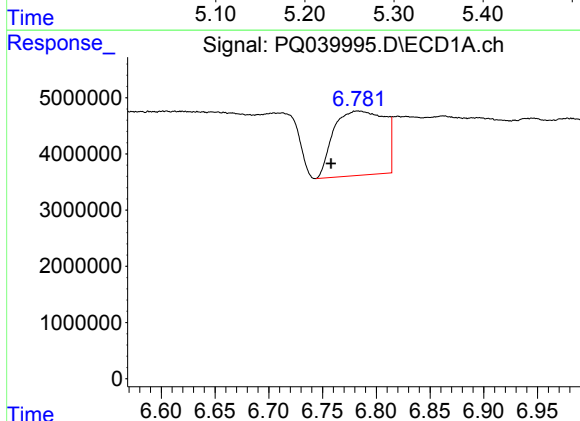
#11 AR-1232-1

R.T.: 6.093 min
Delta R.T.: -0.019 min
Response: 15200889
Conc: 121.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247

#11 AR-1232-1

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 3550933
Conc: 38.26 ng/ml

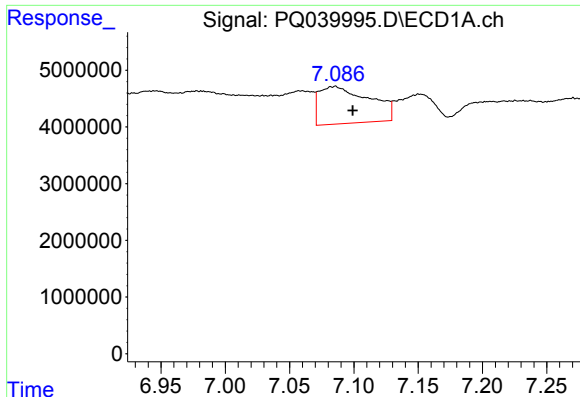


#12 AR-1232-2

R.T.: 6.783 min
Delta R.T.: 0.025 min
Response: 37735264
Conc: 624.00 ng/ml

#12 AR-1232-2

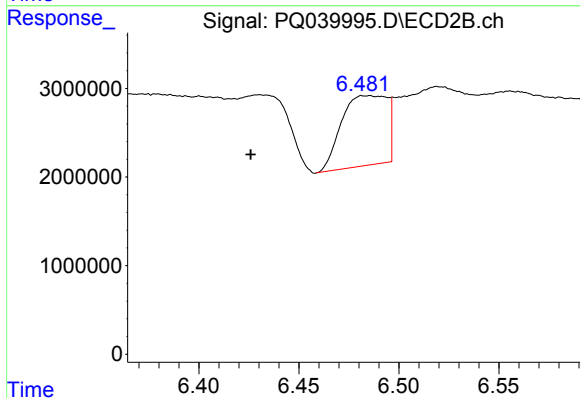
R.T.: 6.204 min
Delta R.T.: -0.008 min
Response: 3834537
Conc: 41.40 ng/ml



#13 AR-1232-3

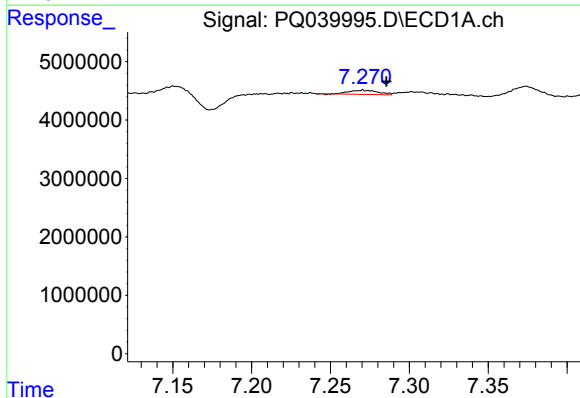
R.T.: 7.085 min
Delta R.T.: -0.014 min
Response: 17818629
Conc: 142.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



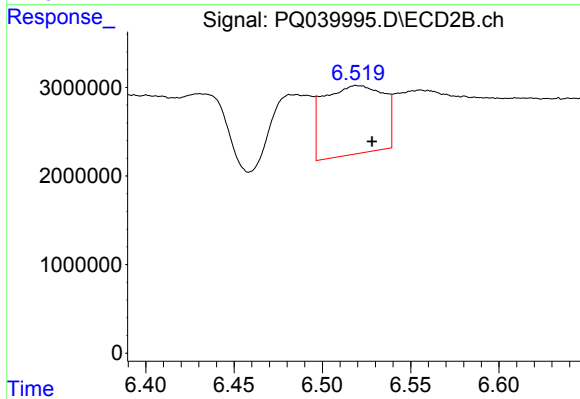
#13 AR-1232-3

R.T.: 6.485 min
Delta R.T.: 0.059 min
Response: 12468359
Conc: 252.37 ng/ml



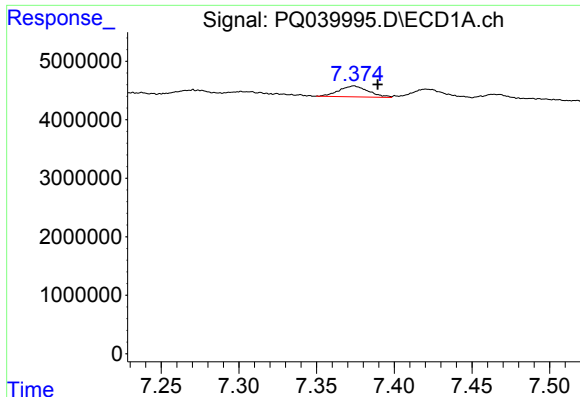
#14 AR-1232-4

R.T.: 7.271 min
Delta R.T.: -0.015 min
Response: 919793
Conc: 14.92 ng/ml



#14 AR-1232-4

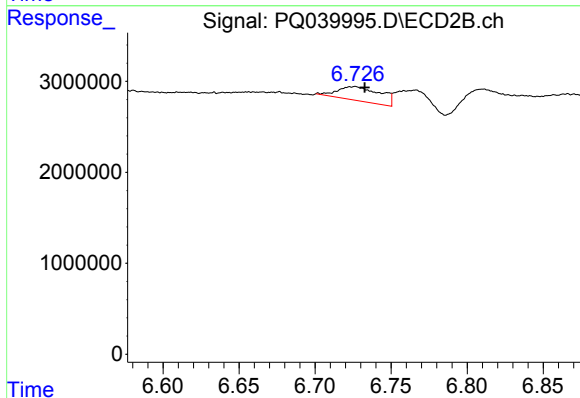
R.T.: 6.520 min
Delta R.T.: -0.009 min
Response: 18270153
Conc: 443.77 ng/ml



#15 AR-1232-5

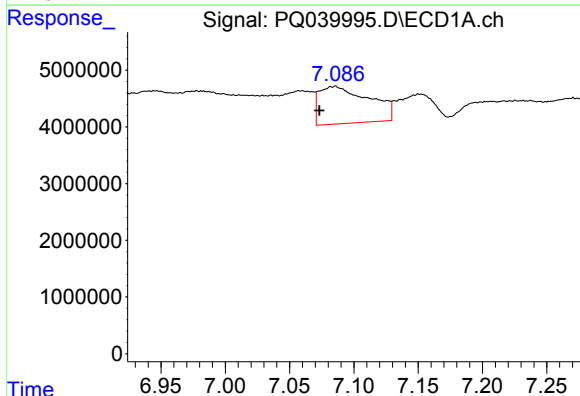
R.T.: 7.374 min
Delta R.T.: -0.015 min
Response: 2451878
Conc: 61.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



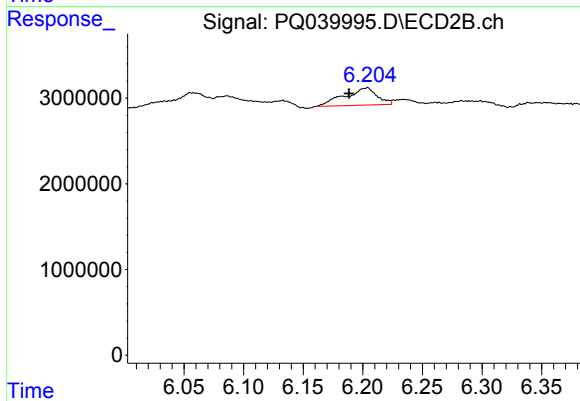
#15 AR-1232-5

R.T.: 6.726 min
Delta R.T.: -0.007 min
Response: 3013307
Conc: 67.02 ng/ml



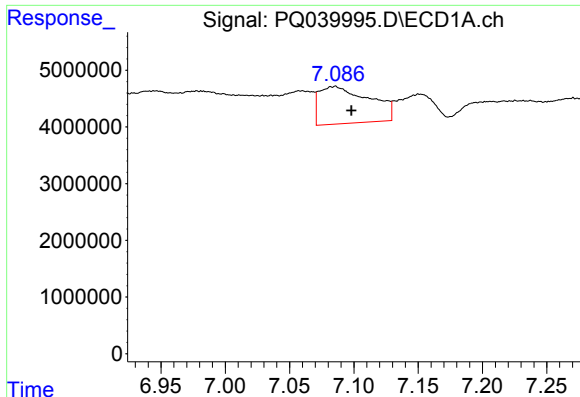
#16 AR-1242-1

R.T.: 7.085 min
Delta R.T.: 0.012 min
Response: 17818629
Conc: 113.45 ng/ml



#16 AR-1242-1

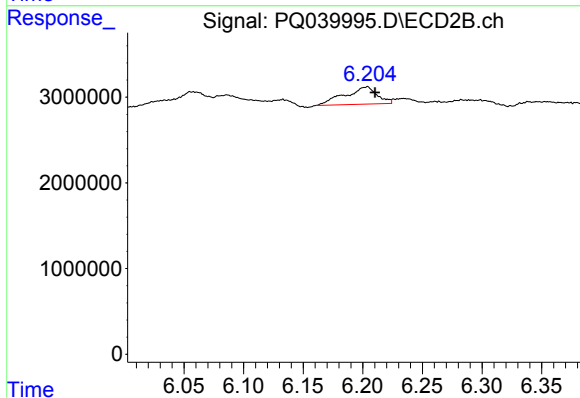
R.T.: 6.204 min
Delta R.T.: 0.015 min
Response: 3834537
Conc: 31.06 ng/ml



#17 AR-1242-2

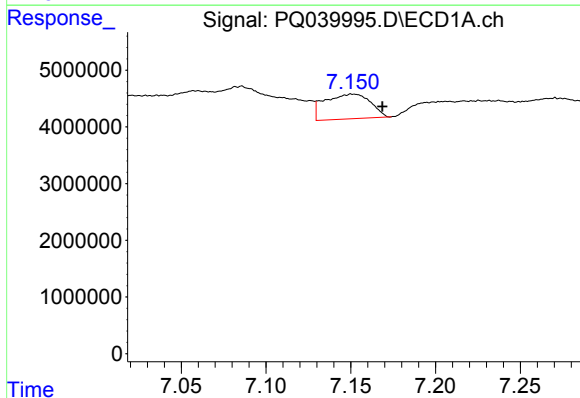
R.T.: 7.085 min
Delta R.T.: -0.013 min
Response: 17818629
Conc: 77.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



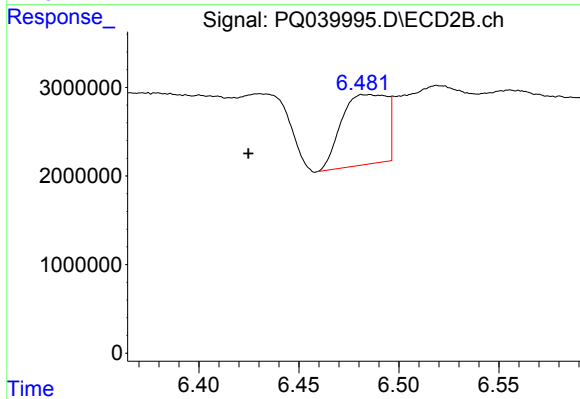
#17 AR-1242-2

R.T.: 6.204 min
Delta R.T.: -0.007 min
Response: 3834537
Conc: 21.79 ng/ml



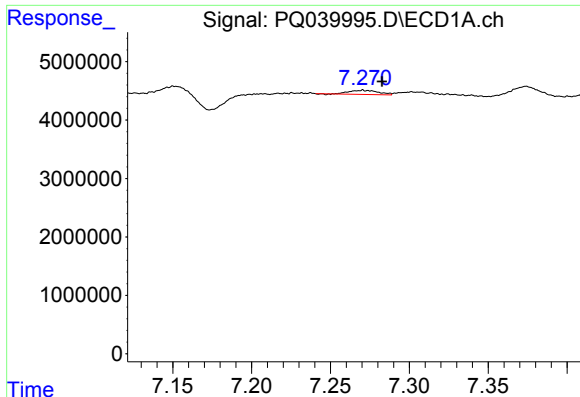
#18 AR-1242-3

R.T.: 7.151 min
Delta R.T.: -0.017 min
Response: 8223059
Conc: 59.35 ng/ml



#18 AR-1242-3

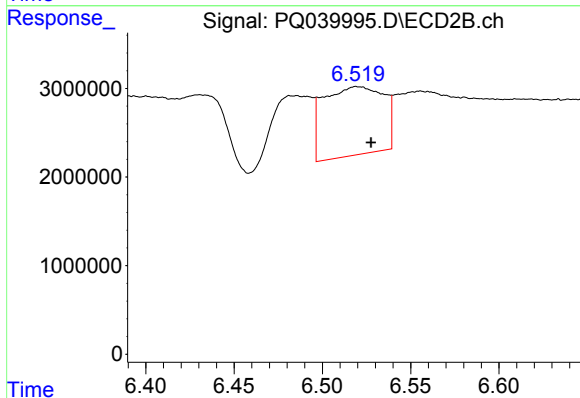
R.T.: 6.485 min
Delta R.T.: 0.060 min
Response: 12468359
Conc: 137.30 ng/ml



#19 AR-1242-4

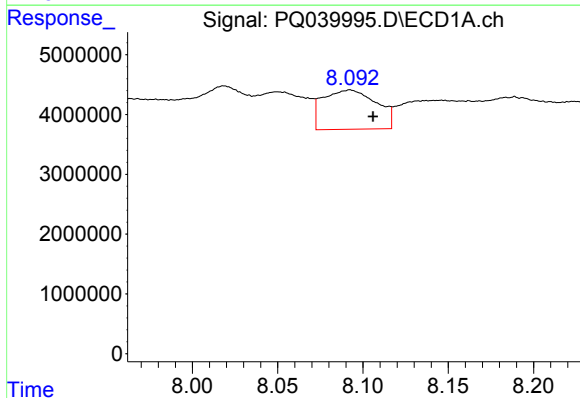
R.T.: 7.271 min
Delta R.T.: -0.012 min
Response: 919793
Conc: 8.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



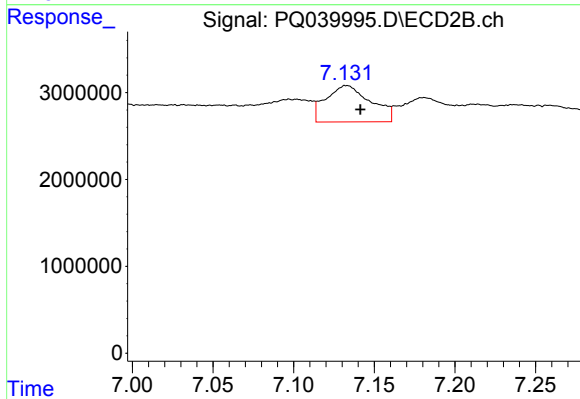
#19 AR-1242-4

R.T.: 6.520 min
Delta R.T.: -0.008 min
Response: 18270153
Conc: 215.88 ng/ml



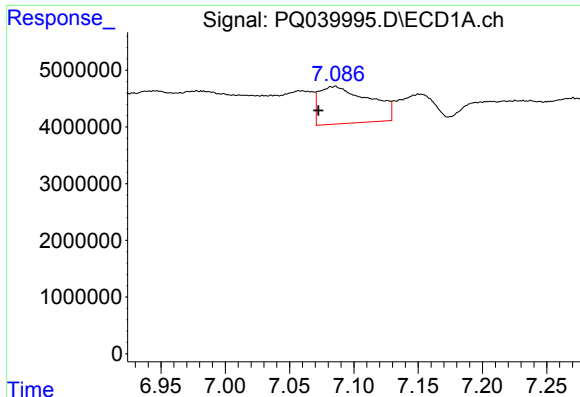
#20 AR-1242-5

R.T.: 8.092 min
Delta R.T.: -0.013 min
Response: 14341966
Conc: 118.68 ng/ml



#20 AR-1242-5

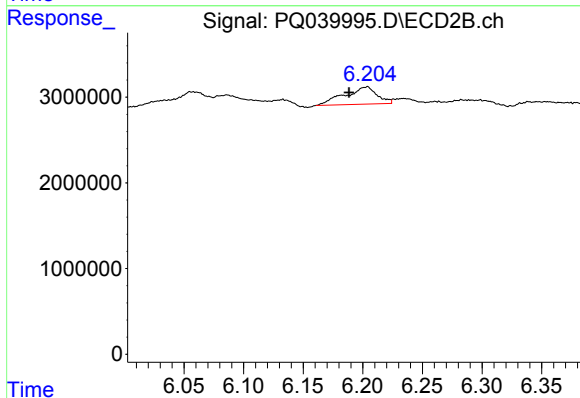
R.T.: 7.133 min
Delta R.T.: -0.009 min
Response: 8114800
Conc: 75.69 ng/ml



#21 AR-1248-1

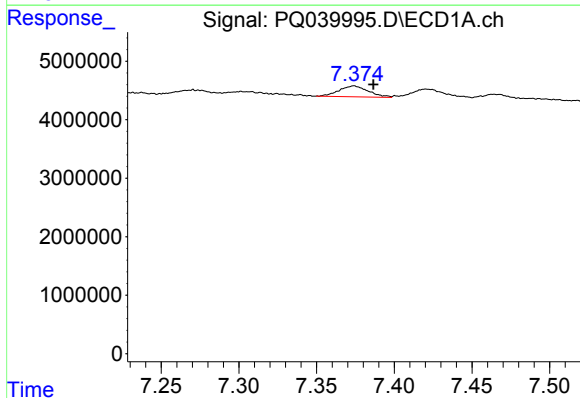
R.T.: 7.085 min
Delta R.T.: 0.013 min
Response: 17818629
Conc: 137.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



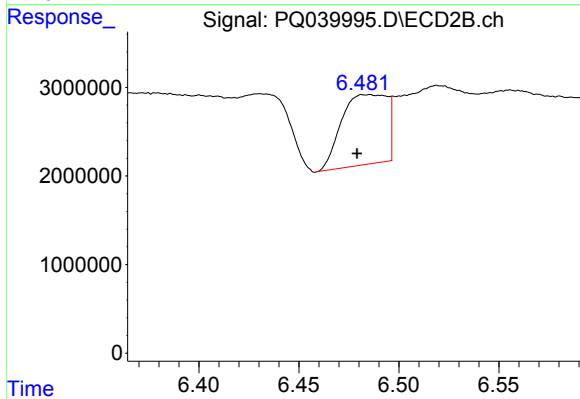
#21 AR-1248-1

R.T.: 6.204 min
Delta R.T.: 0.015 min
Response: 3834537
Conc: 37.95 ng/ml



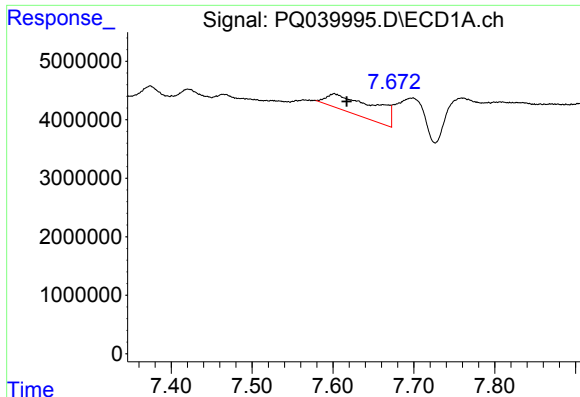
#22 AR-1248-2

R.T.: 7.374 min
Delta R.T.: -0.013 min
Response: 2451878
Conc: 14.93 ng/ml



#22 AR-1248-2

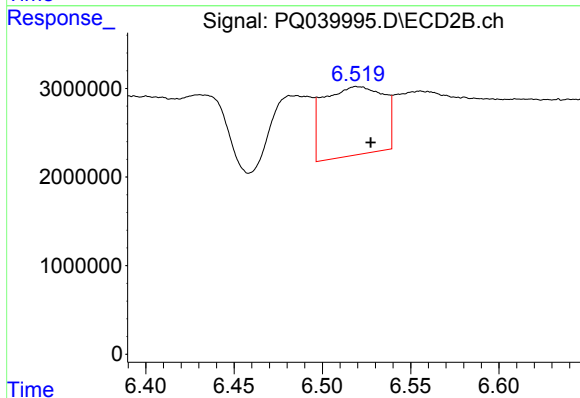
R.T.: 6.485 min
Delta R.T.: 0.005 min
Response: 12468359
Conc: 98.47 ng/ml



#23 AR-1248-3

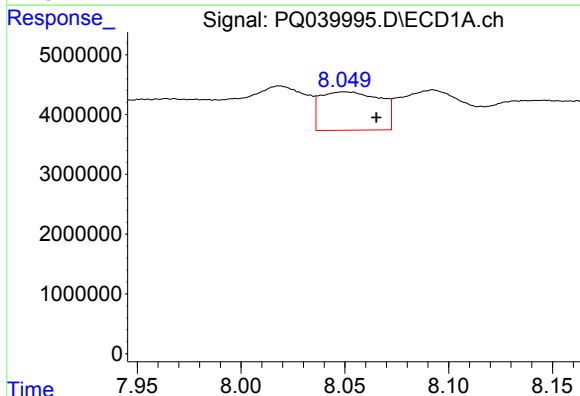
R.T.: 7.601 min
Delta R.T.: -0.016 min
Response: 12557137
Conc: 64.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



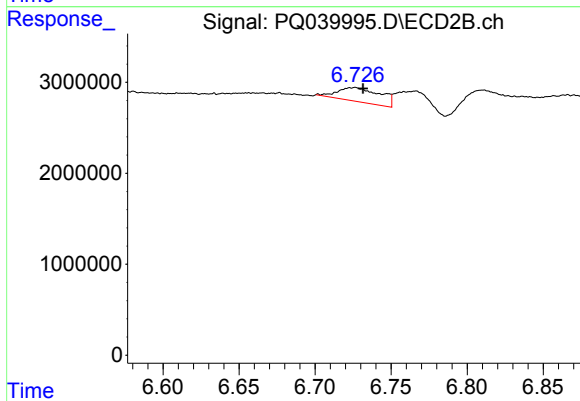
#23 AR-1248-3

R.T.: 6.520 min
Delta R.T.: -0.008 min
Response: 18270153
Conc: 137.75 ng/ml



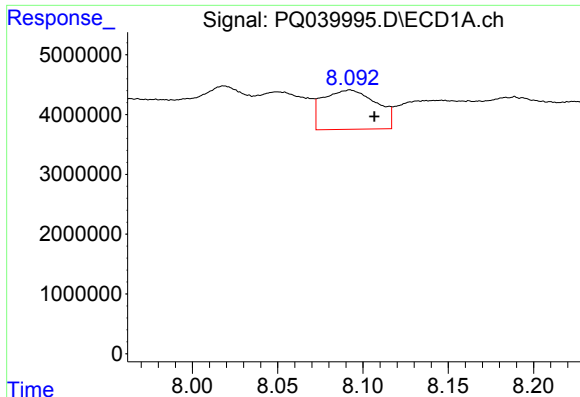
#24 AR-1248-4

R.T.: 8.050 min
Delta R.T.: -0.015 min
Response: 12858026
Conc: 59.58 ng/ml



#24 AR-1248-4

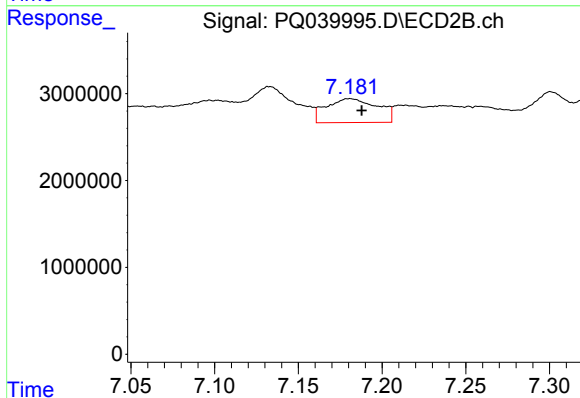
R.T.: 6.726 min
Delta R.T.: -0.006 min
Response: 3013307
Conc: 18.39 ng/ml



#25 AR-1248-5

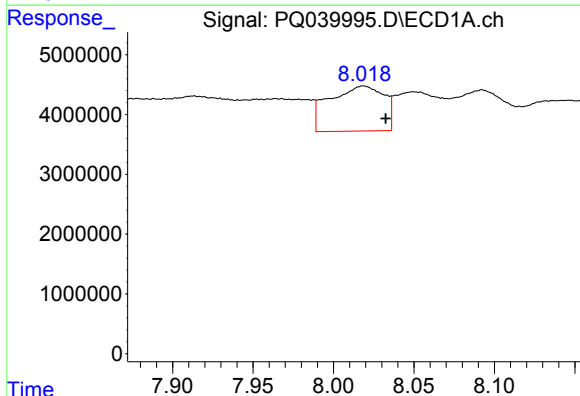
R.T.: 8.092 min
Delta R.T.: -0.014 min
Response: 14341966
Conc: 68.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



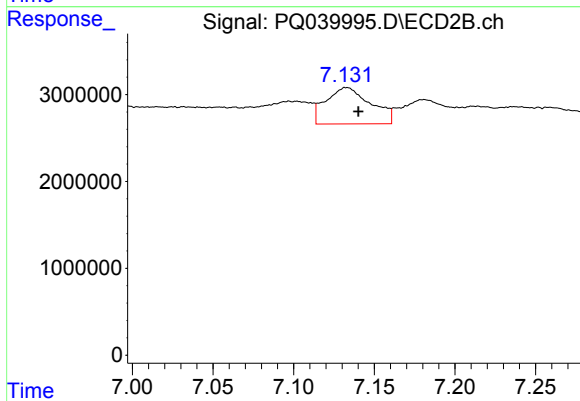
#25 AR-1248-5

R.T.: 7.181 min
Delta R.T.: -0.007 min
Response: 5853650
Conc: 36.12 ng/ml



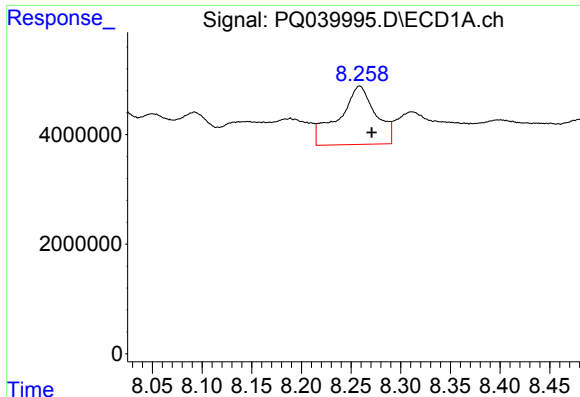
#26 AR-1254-1

R.T.: 8.019 min
Delta R.T.: -0.014 min
Response: 17744604
Conc: 76.87 ng/ml



#26 AR-1254-1

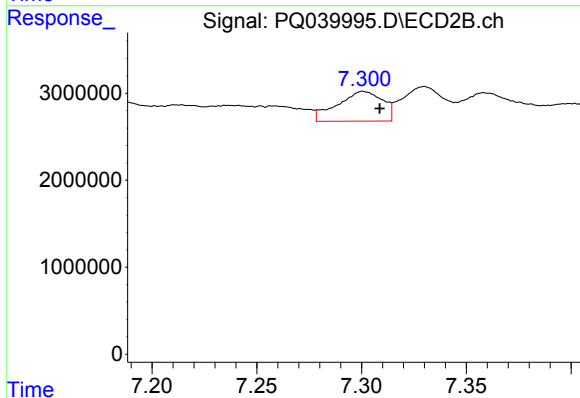
R.T.: 7.133 min
Delta R.T.: -0.007 min
Response: 8114800
Conc: 30.64 ng/ml



#27 AR-1254-2

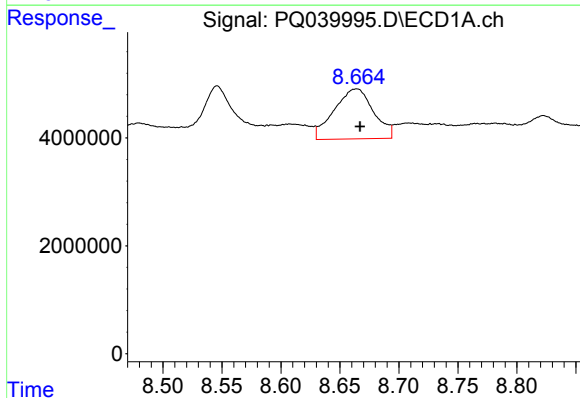
R.T.: 8.259 min
Delta R.T.: -0.012 min
Response: 27537805
Conc: 76.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



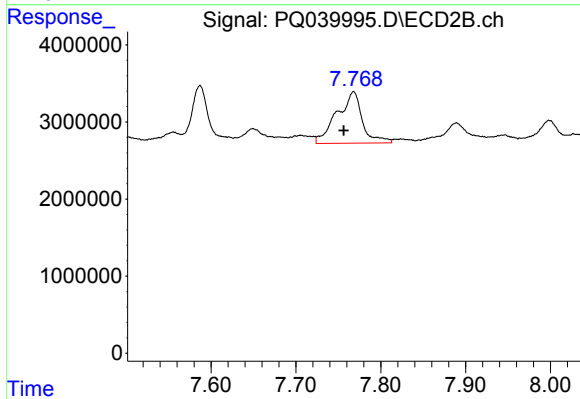
#27 AR-1254-2

R.T.: 7.301 min
Delta R.T.: -0.008 min
Response: 5153357
Conc: 22.57 ng/ml



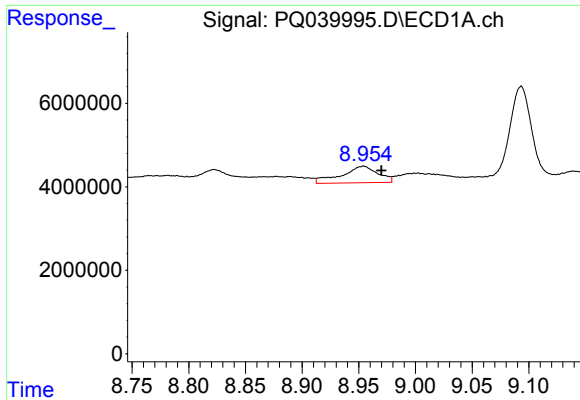
#28 AR-1254-3

R.T.: 8.664 min
Delta R.T.: -0.003 min
Response: 21567440
Conc: 56.81 ng/ml



#28 AR-1254-3

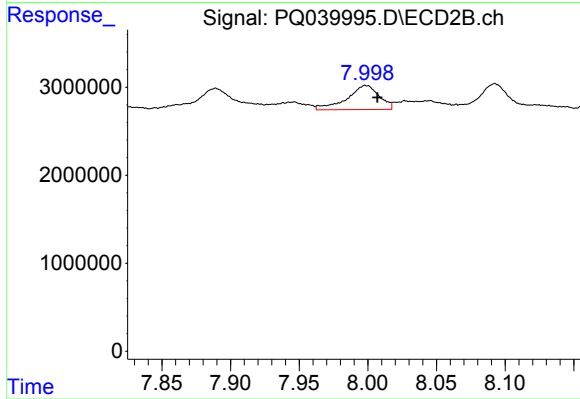
R.T.: 7.768 min
Delta R.T.: 0.012 min
Response: 13929268
Conc: 37.70 ng/ml



#29 AR-1254-4

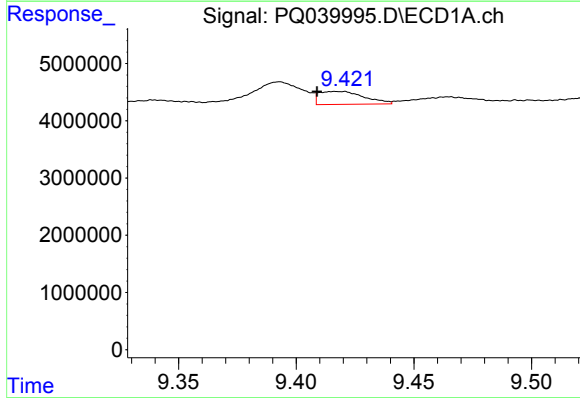
R.T.: 8.954 min
Delta R.T.: -0.016 min
Response: 8847382
Conc: 32.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



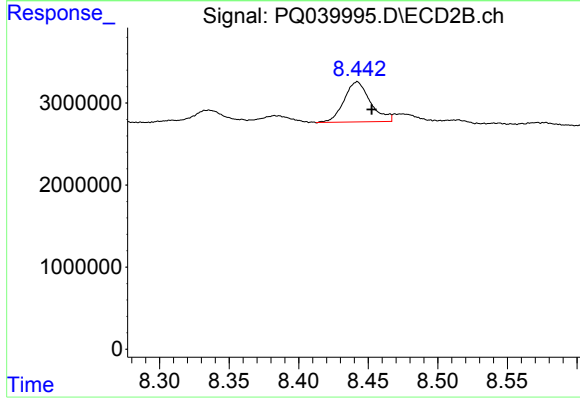
#29 AR-1254-4

R.T.: 7.999 min
Delta R.T.: -0.008 min
Response: 4460896
Conc: 19.44 ng/ml



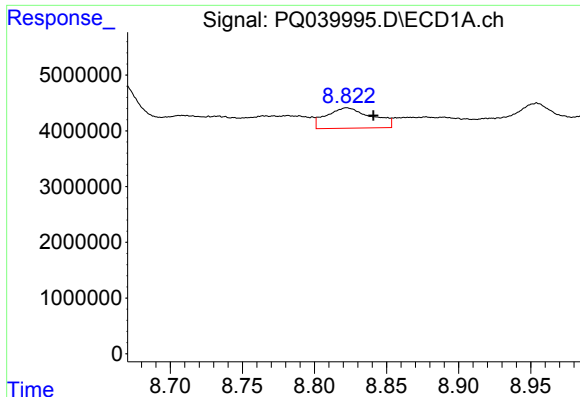
#30 AR-1254-5

R.T.: 9.417 min
Delta R.T.: 0.009 min
Response: 3027602
Conc: 10.07 ng/ml



#30 AR-1254-5

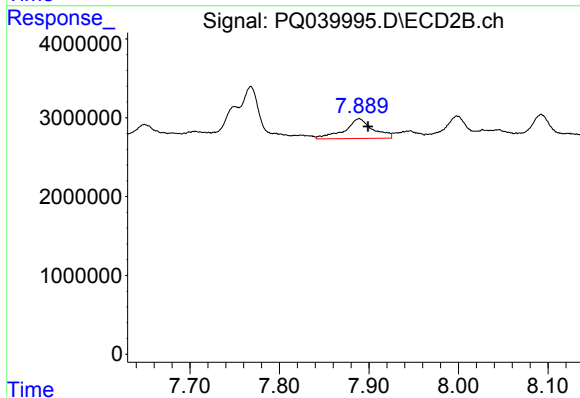
R.T.: 8.442 min
Delta R.T.: -0.011 min
Response: 6452995
Conc: 20.73 ng/ml



#31 AR-1260-1

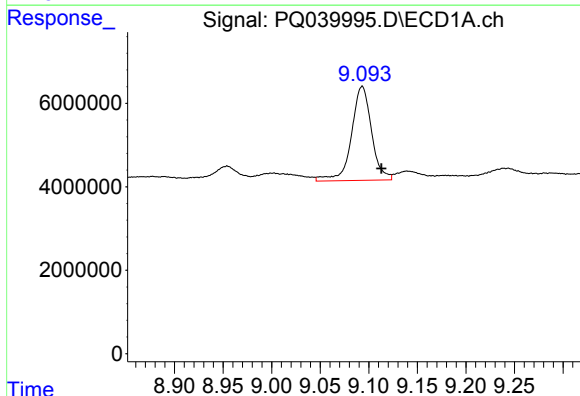
R.T.: 8.822 min
Delta R.T.: -0.019 min
Response: 7993070
Conc: 17.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



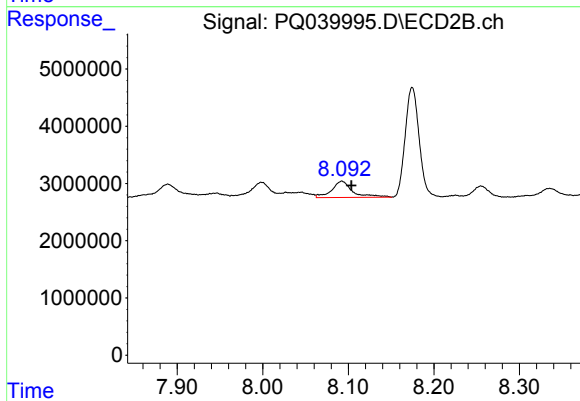
#31 AR-1260-1

R.T.: 7.889 min
Delta R.T.: -0.010 min
Response: 5514132
Conc: 14.97 ng/ml



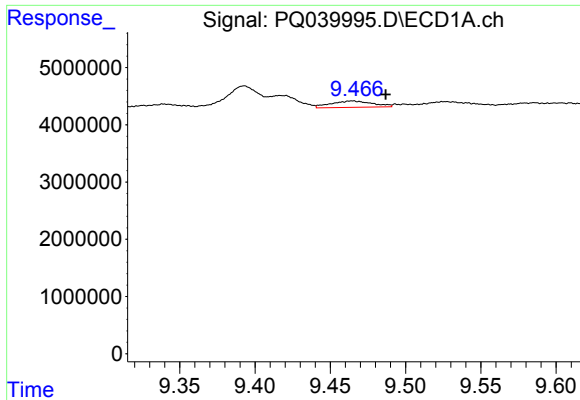
#32 AR-1260-2

R.T.: 9.093 min
Delta R.T.: -0.020 min
Response: 32414699
Conc: 60.31 ng/ml



#32 AR-1260-2

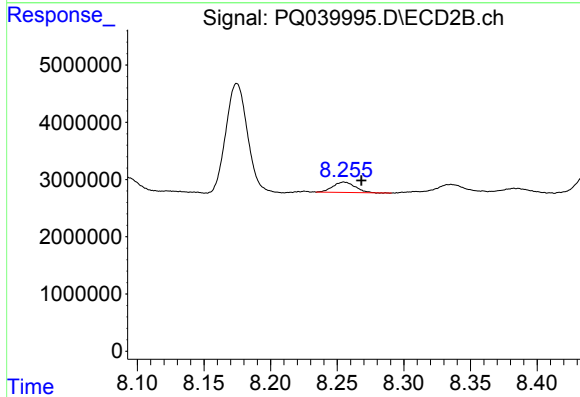
R.T.: 8.092 min
Delta R.T.: -0.011 min
Response: 4766894
Conc: 10.48 ng/ml



#33 AR-1260-3

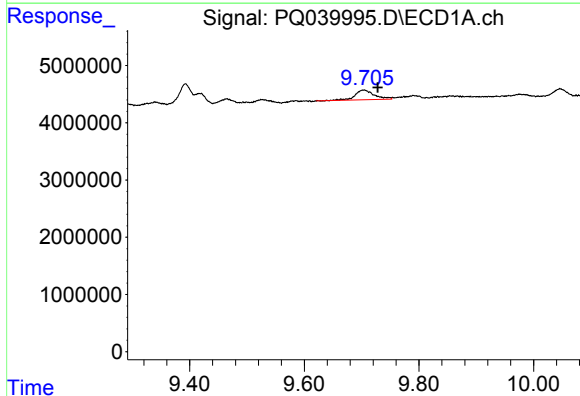
R.T.: 9.464 min
Delta R.T.: -0.022 min
Response: 2168686
Conc: 5.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



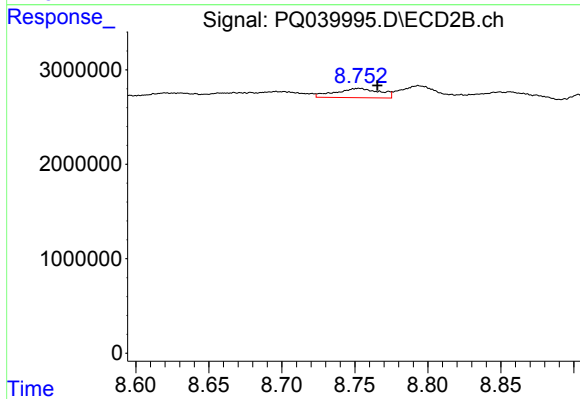
#33 AR-1260-3

R.T.: 8.255 min
Delta R.T.: -0.013 min
Response: 2087297
Conc: 4.97 ng/ml



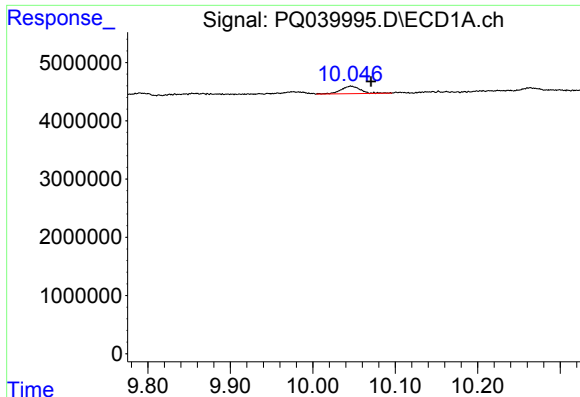
#34 AR-1260-4

R.T.: 9.704 min
Delta R.T.: -0.024 min
Response: 3913606
Conc: 8.51 ng/ml



#34 AR-1260-4

R.T.: 8.753 min
Delta R.T.: -0.013 min
Response: 2086402
Conc: 6.30 ng/ml



#35 AR-1260-5

R.T.: 10.046 min
Delta R.T.: -0.024 min
Response: 2142455
Conc: 2.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247

#35 AR-1260-5

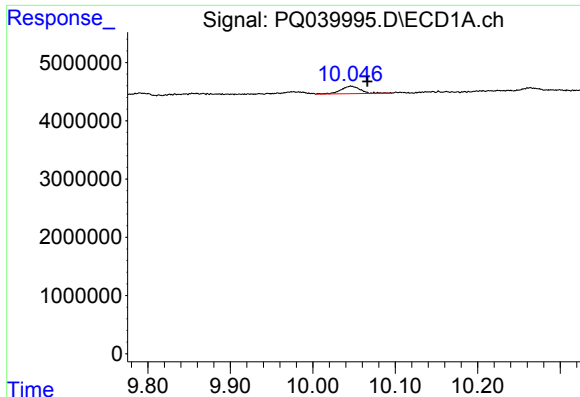
R.T.: 9.006 min
Delta R.T.: -0.014 min
Response: 2468963
Conc: 3.01 ng/ml

#36 AR-1262-1

R.T.: 9.526 min
Delta R.T.: -0.018 min
Response: 1474623
Conc: 9.61 ng/ml

#36 AR-1262-1

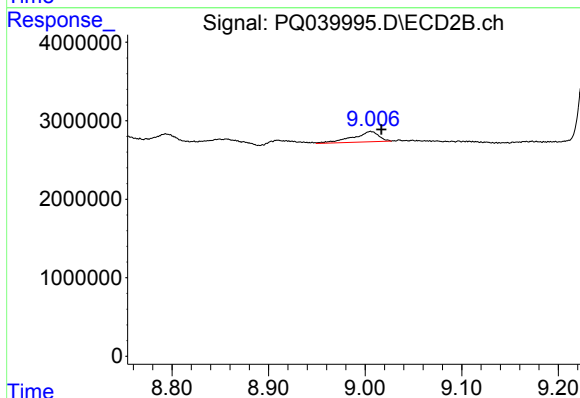
R.T.: 0.000 min
Exp R.T.: 8.546 min
Response: 0
Conc: N.D.



#37 AR-1262-2

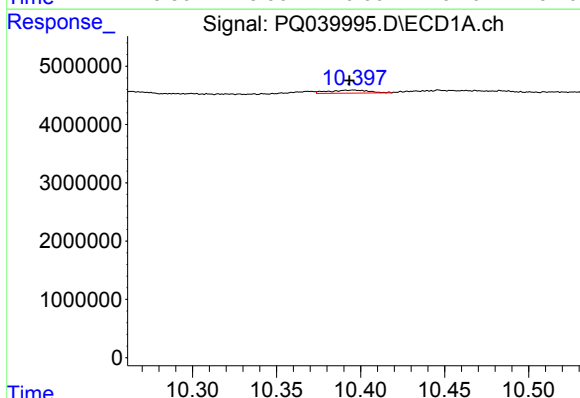
R.T.: 10.046 min
Delta R.T.: -0.020 min
Response: 2142455
Conc: 3.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



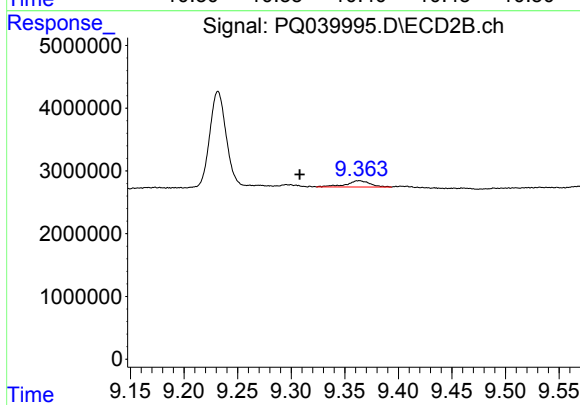
#37 AR-1262-2

R.T.: 9.006 min
Delta R.T.: -0.011 min
Response: 2468963
Conc: 4.12 ng/ml



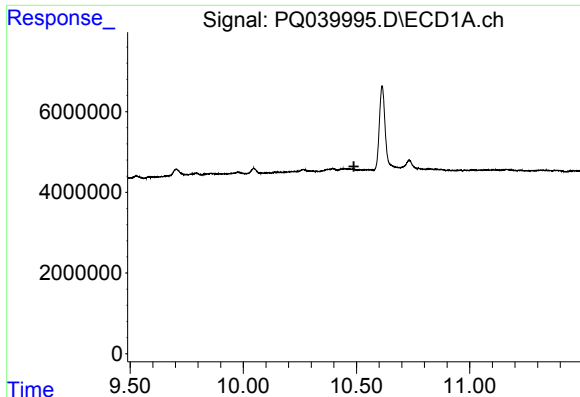
#38 AR-1262-3

R.T.: 10.396 min
Delta R.T.: 0.003 min
Response: 840530
Conc: 1.83 ng/ml



#38 AR-1262-3

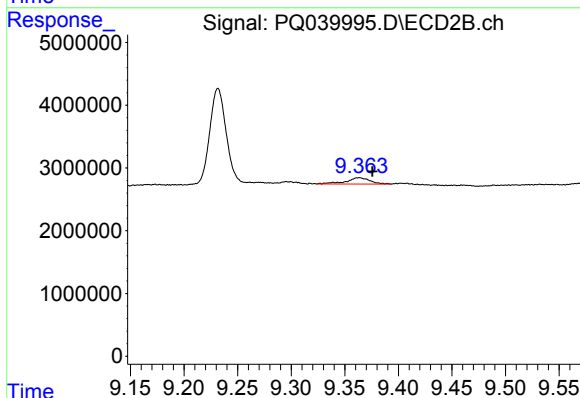
R.T.: 9.363 min
Delta R.T.: 0.055 min
Response: 1524321
Conc: 6.61 ng/ml



#39 AR-1262-4

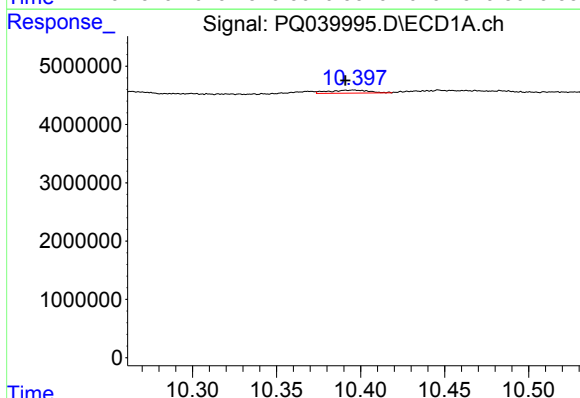
R.T.: 0.000 min
Exp R.T.: 10.489 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A4247



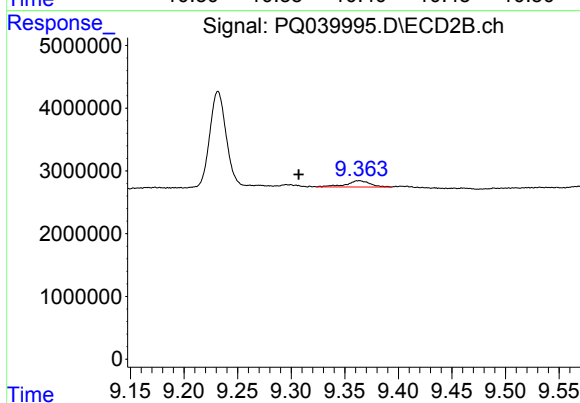
#39 AR-1262-4

R.T.: 9.363 min
Delta R.T.: -0.012 min
Response: 1524321
Conc: 3.59 ng/ml



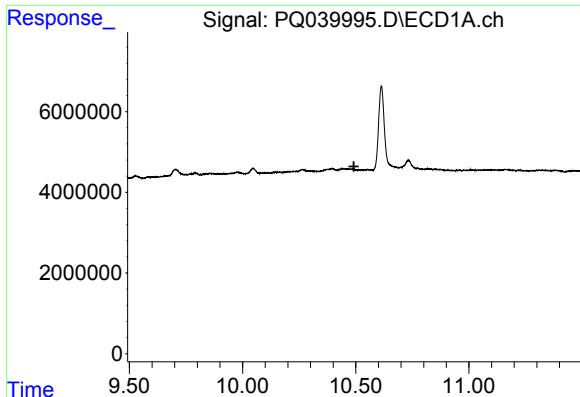
#41 AR-1268-1

R.T.: 10.396 min
Delta R.T.: 0.005 min
Response: 840530
Conc: 0.69 ng/ml



#41 AR-1268-1

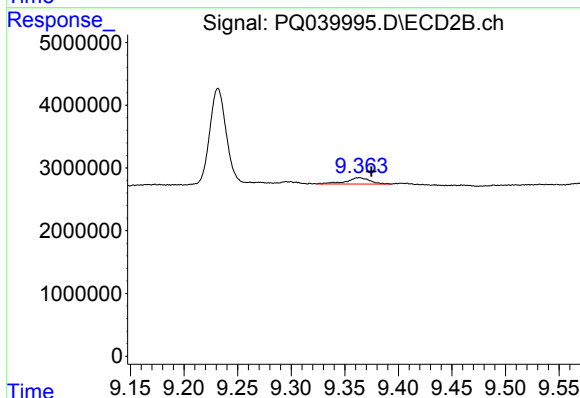
R.T.: 9.363 min
Delta R.T.: 0.056 min
Response: 1524321
Conc: 1.47 ng/ml



#42 AR-1268-2

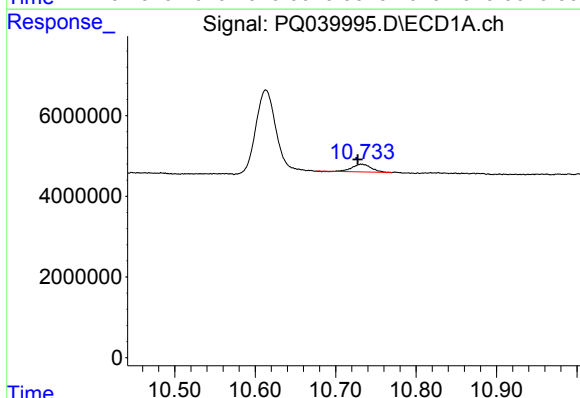
R.T.: 0.000 min
Exp R.T.: 10.492 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
A4247



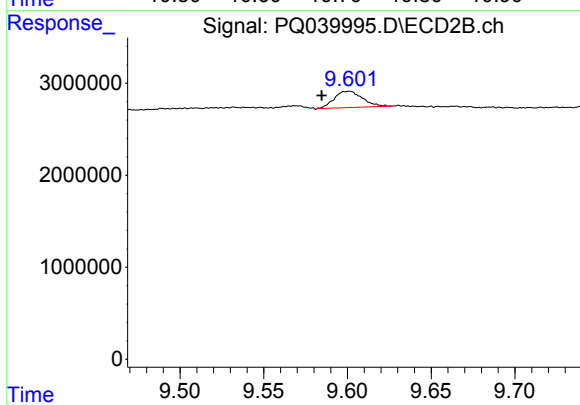
#42 AR-1268-2

R.T.: 9.363 min
Delta R.T.: -0.011 min
Response: 1524321
Conc: 1.59 ng/ml



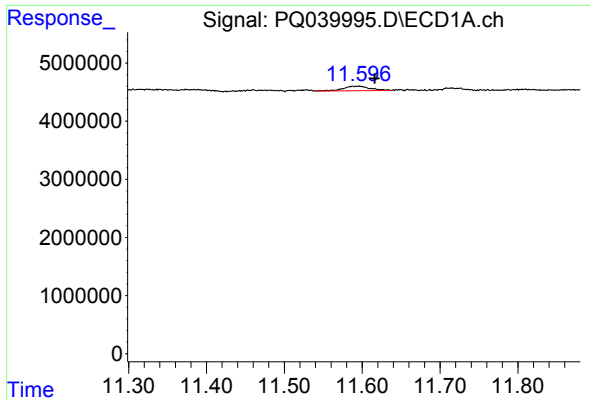
#43 AR-1268-3

R.T.: 10.732 min
Delta R.T.: 0.005 min
Response: 3172945
Conc: 3.13 ng/ml



#43 AR-1268-3

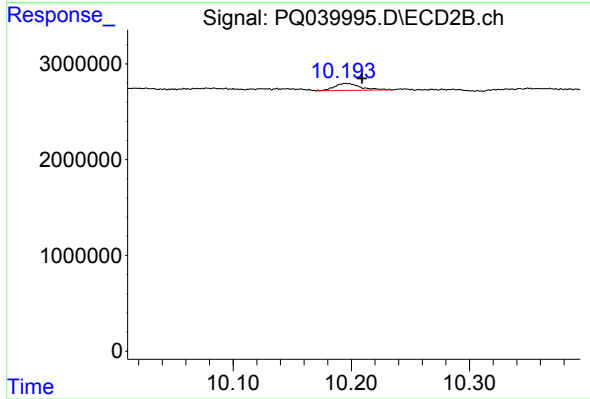
R.T.: 9.601 min
Delta R.T.: 0.016 min
Response: 2074731
Conc: 2.58 ng/ml



#45 AR-1268-5

R.T.: 11.596 min
Delta R.T.: -0.020 min
Response: 1860214
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A4247



#45 AR-1268-5

R.T.: 10.196 min
Delta R.T.: -0.014 min
Response: 1112109
Conc: 0.45 ng/ml