

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041519\
 Data File : PQ039083.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2019 11:53
 Operator : AJ\SJ
 Sample : K2148-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5H0

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 02:09:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 05 05:12:40 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...	5.718	4.814	75688735	44101707	15.797	19.359
2)	SA Decachlor...	12.126	10.576	229.8E6	123.0E6	34.744	36.149
Target Compounds							
3)	L1 AR-1016-1	7.187	6.316	2900716	300161	10.727	2.013 #
4)	L1 AR-1016-2	7.197	6.316	1828925	300161	4.520	1.384 #
5)	L1 AR-1016-3	7.284	6.512	3547341	77645	13.861	0.689 #
6)	L1 AR-1016-4	7.368	6.566	1600791	214192	7.661	2.478 #
7)	L1 AR-1016-5	7.709	6.832	601710	1618880	2.795	12.538 #
8)	L2 AR-1221-1	6.054	5.114	7787046	1253325	134.333	43.128 #
9)	L2 AR-1221-2	6.123	5.231	3725662	1860916	92.758	89.326
10)	L2 AR-1221-3	6.222	5.342	6622104	2032603	46.904	27.683 #
11)	L3 AR-1232-1	6.222	5.342	6622104	2032603	68.288	39.438 #
12)	L3 AR-1232-2	6.833	6.316	8309778	300161	148.250	5.158 #
13)	L3 AR-1232-3	7.197	6.512	1828925	77645	17.159	2.555 #
14)	L3 AR-1232-4	7.368	6.610	1600791	270999	28.925	9.700 #
15)	L3 AR-1232-5	7.476	6.832	1341981	1618880	34.409	49.347 #
16)	L4 AR-1242-1	7.187	6.316	2900716	300161	19.009	3.464 #
17)	L4 AR-1242-2	7.197	6.316	1828925	300161	8.132	2.407 #
18)	L4 AR-1242-3	7.284	6.512	3547341	77645	25.039	1.158 #
19)	L4 AR-1242-4	7.368	6.610	1600791	270999	13.835	4.012 #
20)	L4 AR-1242-5	8.209	7.219	196101	2676267	1.444	28.027 #
21)	L5 AR-1248-1	7.187	6.316	2900716	300161	27.519	4.978 #
22)	L5 AR-1248-2	7.476	6.566	1341981	214192	8.963	2.531 #
23)	L5 AR-1248-3	7.709	6.610	601710	270999	3.292	3.051
24)	L5 AR-1248-4	8.153	6.832	1594988	1618880	7.849	14.120 #
25)	L5 AR-1248-5	8.209	7.219	196101	2676267	0.966	23.245 #
26)	L6 AR-1254-1	8.123	7.219	1192129	2676267	5.525	14.565 #
27)	L6 AR-1254-2	8.361	7.385	1873630	2546878	5.531	15.735 #
28)	L6 AR-1254-3	8.784	7.829	5237200	2546466	14.091	9.013 #
29)	L6 AR-1254-4	9.060	8.077	3942088	1752568	15.458	10.562 #
30)	L6 AR-1254-5	9.498	8.524	6136728	3541648	20.590	14.378 #
31)	L7 AR-1260-1	8.931	7.977	1034108	2442227	2.162	8.062 #
32)	L7 AR-1260-2	9.200	8.173	3760892	515890	6.621	1.393 #
33)	L7 AR-1260-3	9.606	8.320	2841199	1098269	6.521	3.133 #
34)	L7 AR-1260-4	9.814	8.840	4813427	2133742	9.379	7.389
35)	L7 AR-1260-5	10.163	9.120	17469291	2856306	16.826	4.027 #
36)	L8 AR-1262-1	9.606	8.626	2841199	907478	7.648	3.466 #
37)	L8 AR-1262-2	10.163	9.120	17469291	2856306	26.425	5.977 #
40)	L8 AR-1262-5	11.329	0.000	617876	0	2.483	N.D. #
43)	L9 AR-1268-3	10.847	9.664	1705267	1813843	1.392	2.294 #
44)	L9 AR-1268-4	11.329	0.000	617876	0	1.232	N.D. #
45)	L9 AR-1268-5	11.765	10.298	2435721	5375613	0.577	2.159 #

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2019 11:53
Operator : AJ\SJ
Sample : K2148-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF5H0

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 02:09:18 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 05 05:12:40 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

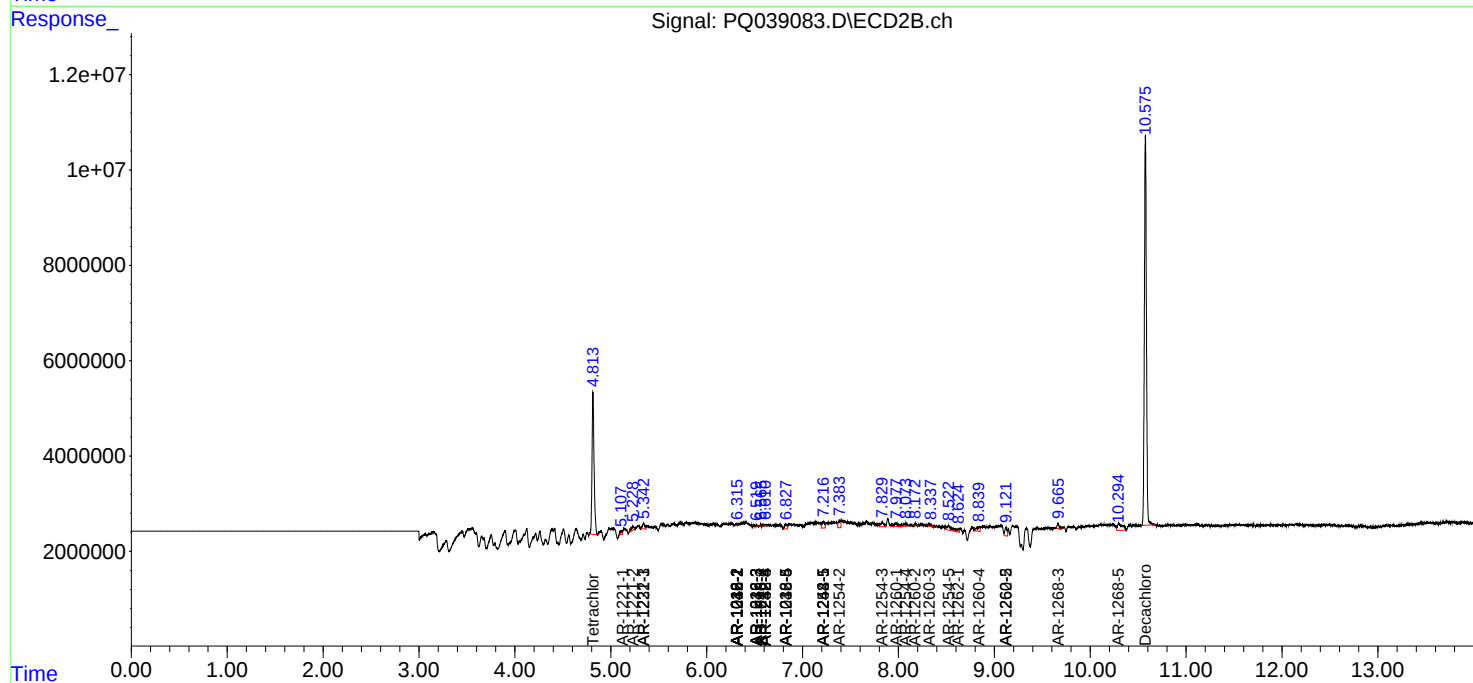
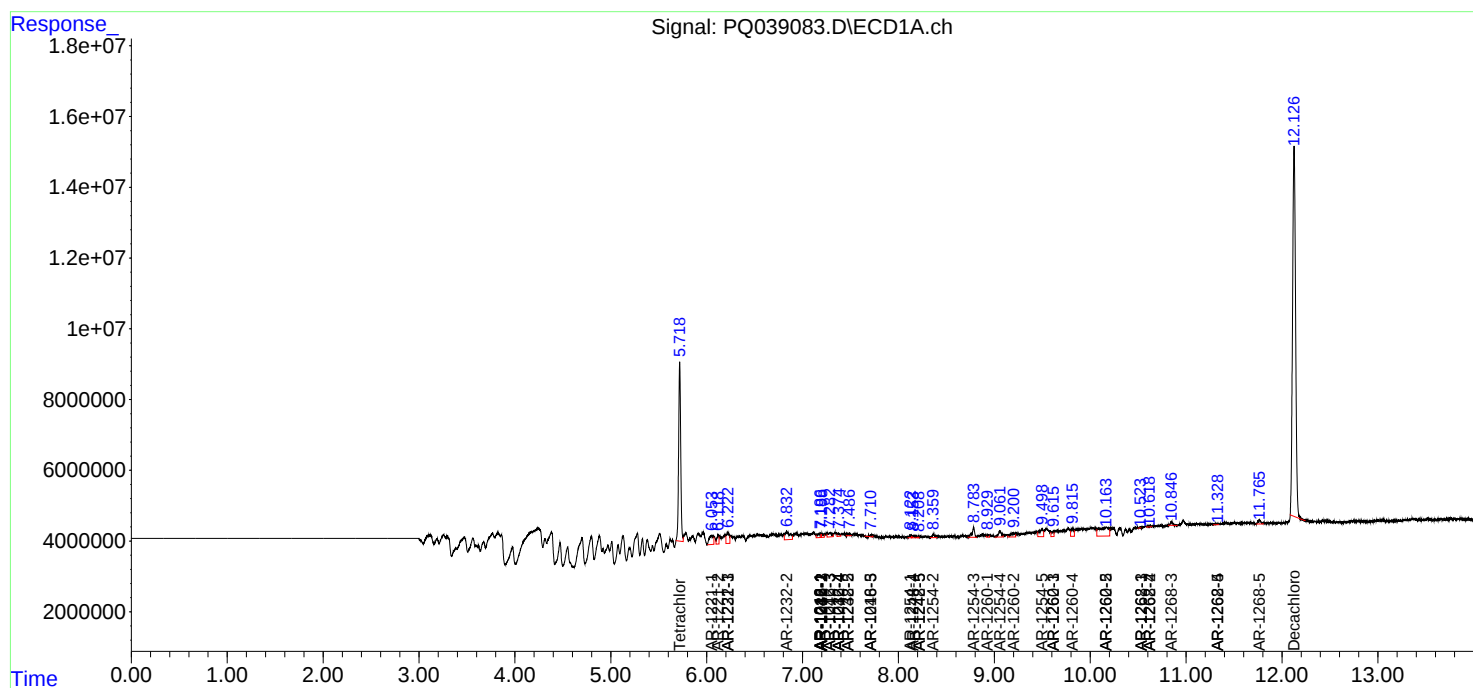
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

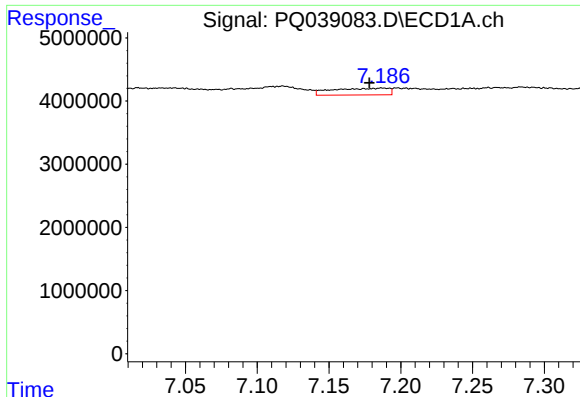
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041519\
Data File : PQ039083.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2019 11:53
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Quant Time: Apr 16 02:09:18 2019
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Signal #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

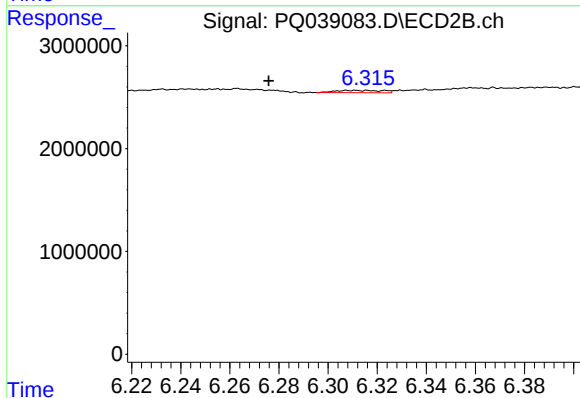




#3 AR-1016-1

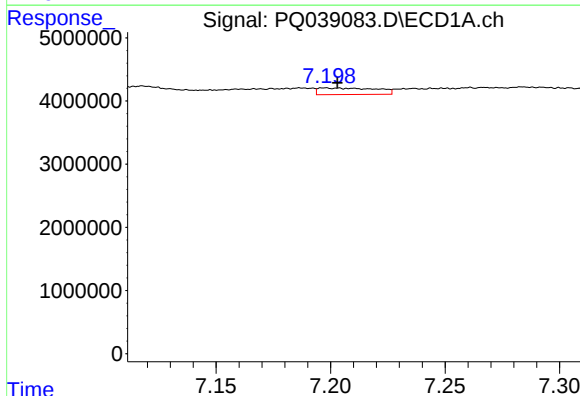
R.T.: 7.187 min
Delta R.T.: 0.009 min
Response: 2900716
Conc: 10.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



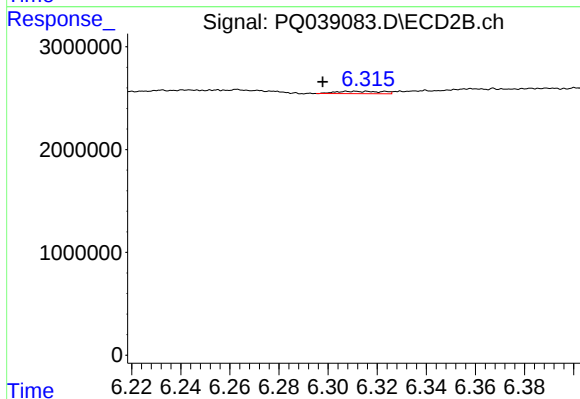
#3 AR-1016-1

R.T.: 6.316 min
Delta R.T.: 0.040 min
Response: 300161
Conc: 2.01 ng/ml



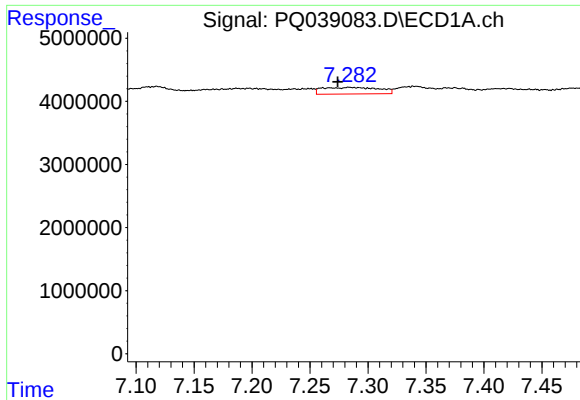
#4 AR-1016-2

R.T.: 7.197 min
Delta R.T.: -0.006 min
Response: 1828925
Conc: 4.52 ng/ml



#4 AR-1016-2

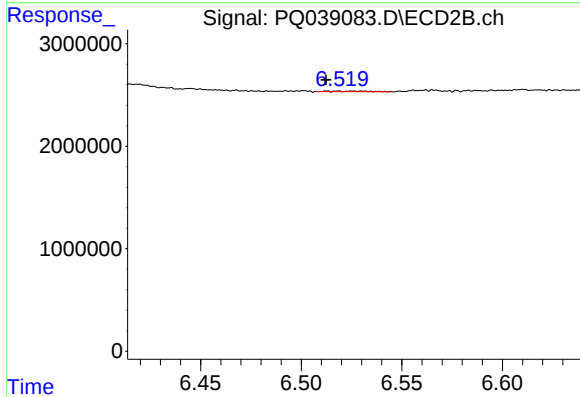
R.T.: 6.316 min
Delta R.T.: 0.018 min
Response: 300161
Conc: 1.38 ng/ml



#5 AR-1016-3

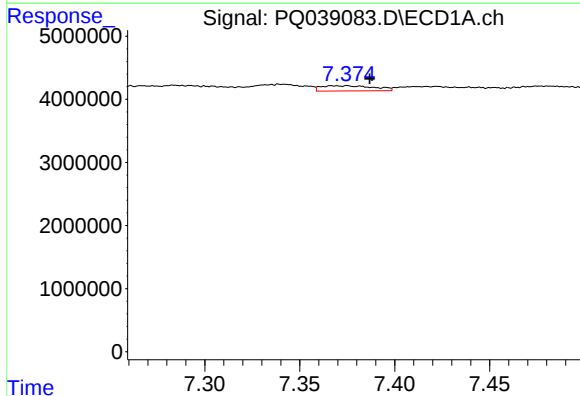
R.T.: 7.284 min
Delta R.T.: 0.010 min
Response: 3547341
Conc: 13.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



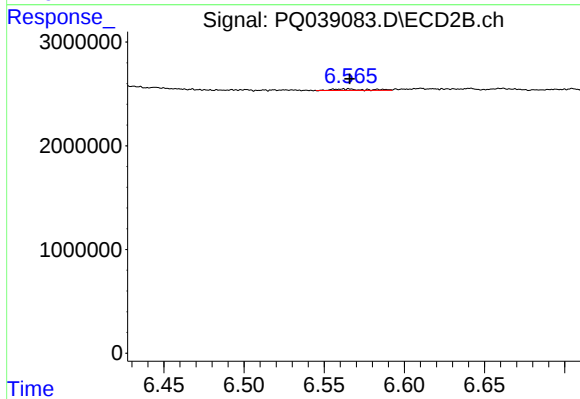
#5 AR-1016-3

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 77645
Conc: 0.69 ng/ml



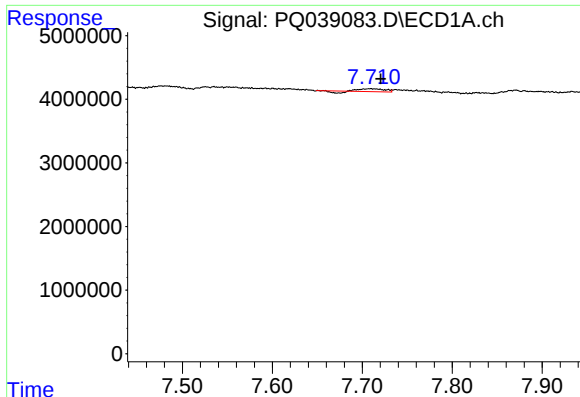
#6 AR-1016-4

R.T.: 7.368 min
Delta R.T.: -0.019 min
Response: 1600791
Conc: 7.66 ng/ml



#6 AR-1016-4

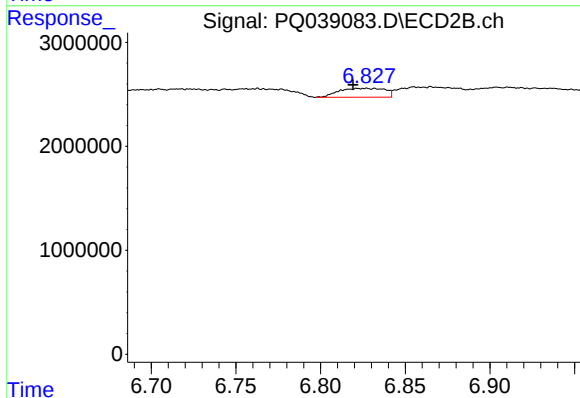
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 214192
Conc: 2.48 ng/ml



#7 AR-1016-5

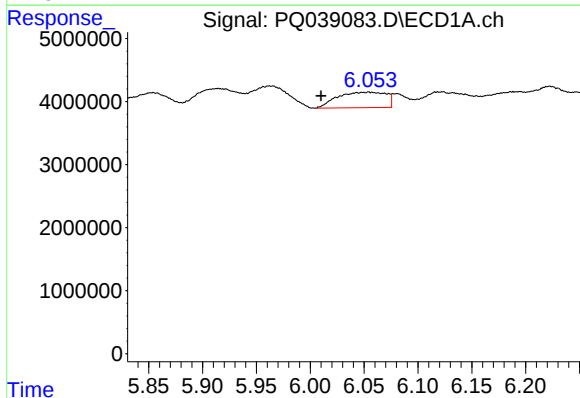
R.T.: 7.709 min
Delta R.T.: -0.012 min
Response: 601710
Conc: 2.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



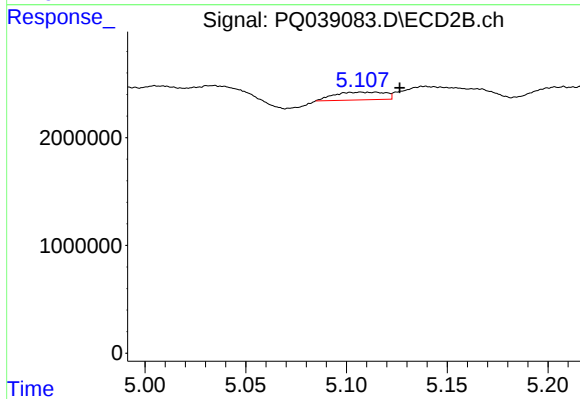
#7 AR-1016-5

R.T.: 6.832 min
Delta R.T.: 0.013 min
Response: 1618880
Conc: 12.54 ng/ml



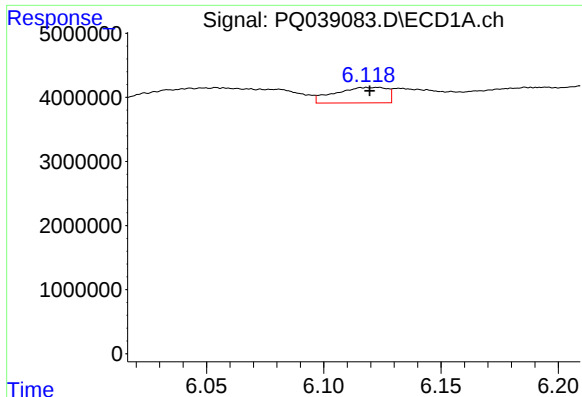
#8 AR-1221-1

R.T.: 6.054 min
Delta R.T.: 0.045 min
Response: 7787046
Conc: 134.33 ng/ml



#8 AR-1221-1

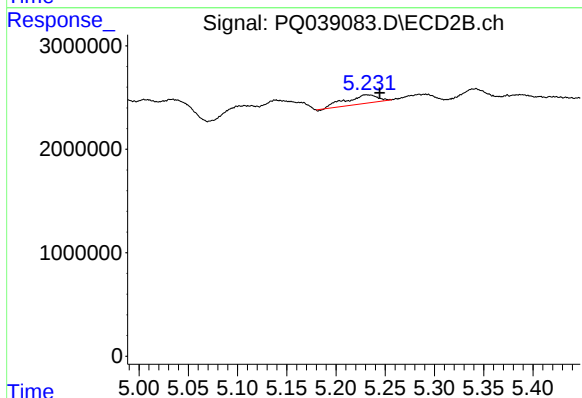
R.T.: 5.114 min
Delta R.T.: -0.012 min
Response: 1253325
Conc: 43.13 ng/ml



#9 AR-1221-2

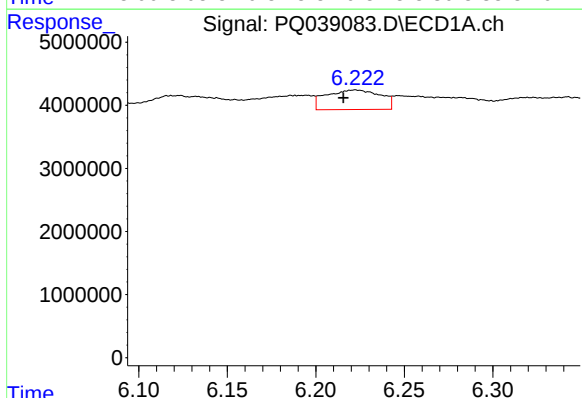
R.T.: 6.123 min
Delta R.T.: 0.003 min
Response: 3725662
Conc: 92.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



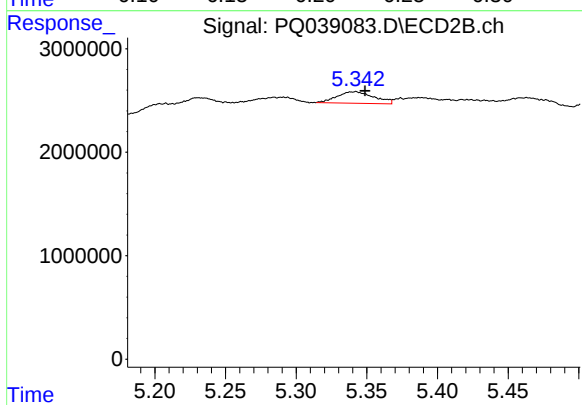
#9 AR-1221-2

R.T.: 5.231 min
Delta R.T.: -0.014 min
Response: 1860916
Conc: 89.33 ng/ml



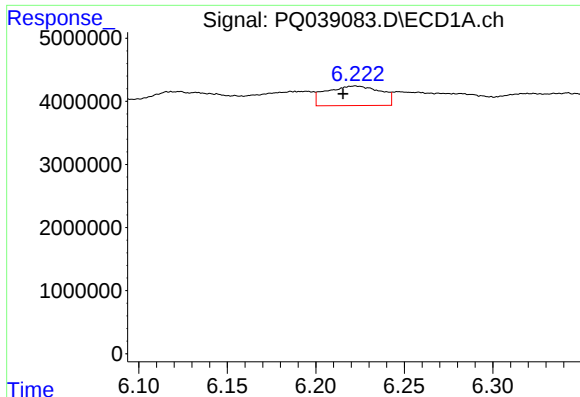
#10 AR-1221-3

R.T.: 6.222 min
Delta R.T.: 0.007 min
Response: 6622104
Conc: 46.90 ng/ml



#10 AR-1221-3

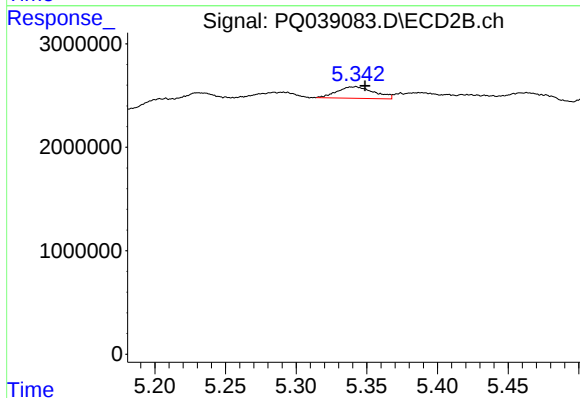
R.T.: 5.342 min
Delta R.T.: -0.007 min
Response: 2032603
Conc: 27.68 ng/ml



#11 AR-1232-1

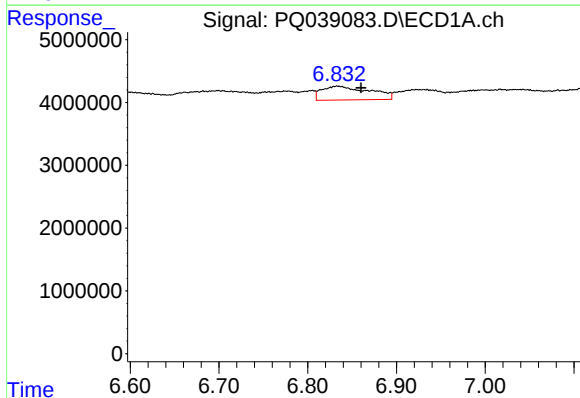
R.T.: 6.222 min
Delta R.T.: 0.007 min
Response: 6622104
Conc: 68.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



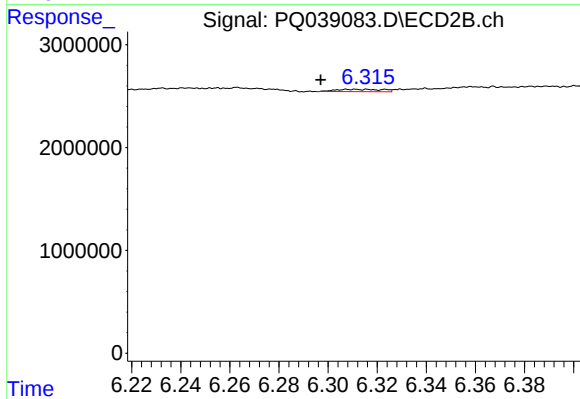
#11 AR-1232-1

R.T.: 5.342 min
Delta R.T.: -0.007 min
Response: 2032603
Conc: 39.44 ng/ml



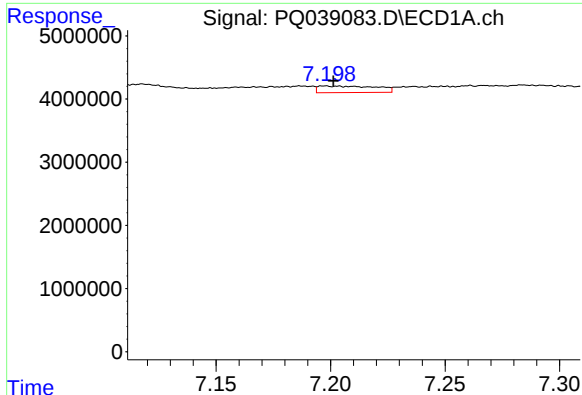
#12 AR-1232-2

R.T.: 6.833 min
Delta R.T.: -0.027 min
Response: 8309778
Conc: 148.25 ng/ml



#12 AR-1232-2

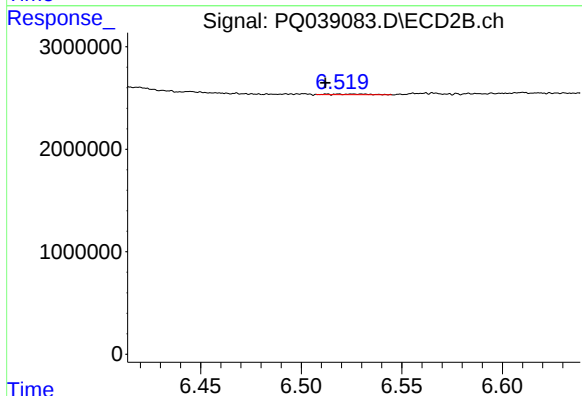
R.T.: 6.316 min
Delta R.T.: 0.019 min
Response: 300161
Conc: 5.16 ng/ml



#13 AR-1232-3

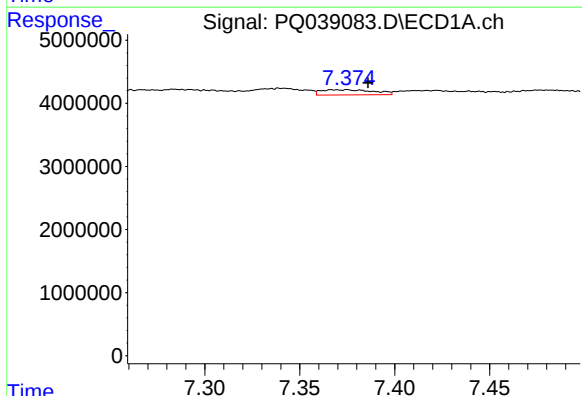
R.T.: 7.197 min
Delta R.T.: -0.004 min
Response: 1828925
Conc: 17.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



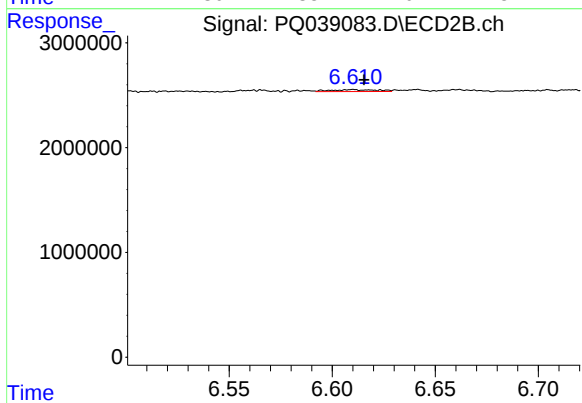
#13 AR-1232-3

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 77645
Conc: 2.56 ng/ml



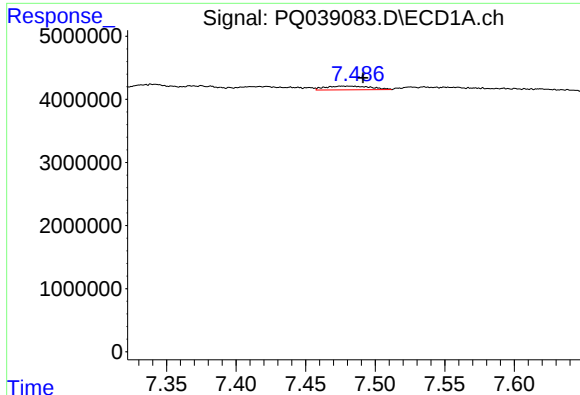
#14 AR-1232-4

R.T.: 7.368 min
Delta R.T.: -0.018 min
Response: 1600791
Conc: 28.93 ng/ml



#14 AR-1232-4

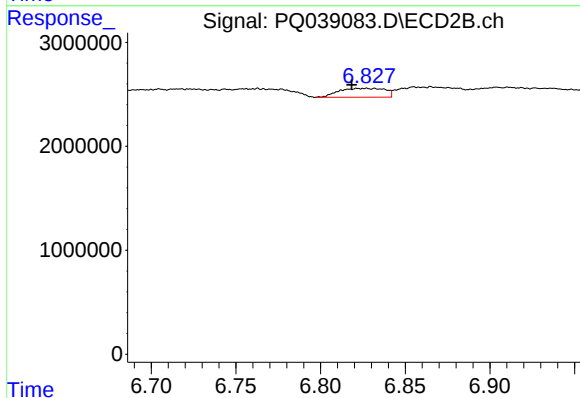
R.T.: 6.610 min
Delta R.T.: -0.005 min
Response: 270999
Conc: 9.70 ng/ml



#15 AR-1232-5

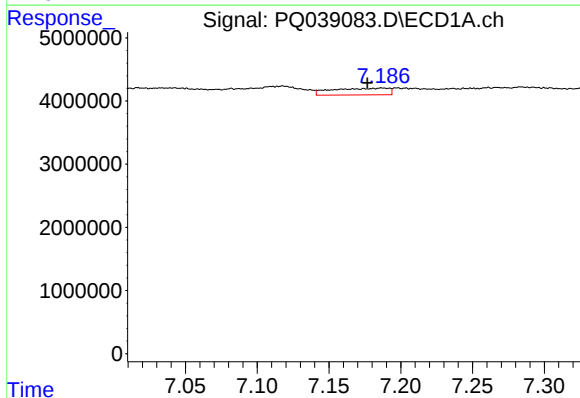
R.T.: 7.476 min
Delta R.T.: -0.015 min
Response: 1341981
Conc: 34.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



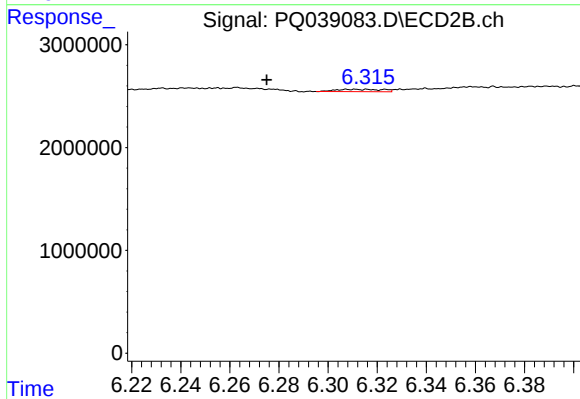
#15 AR-1232-5

R.T.: 6.832 min
Delta R.T.: 0.013 min
Response: 1618880
Conc: 49.35 ng/ml



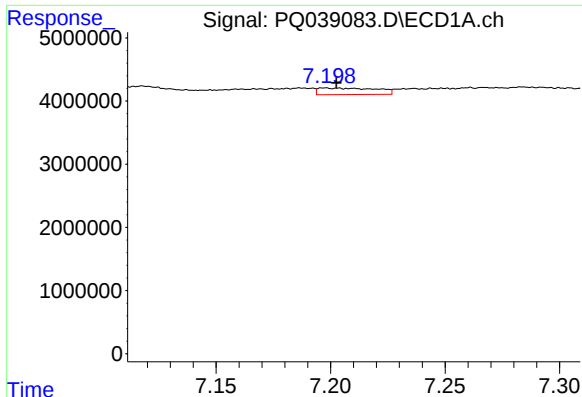
#16 AR-1242-1

R.T.: 7.187 min
Delta R.T.: 0.010 min
Response: 2900716
Conc: 19.01 ng/ml



#16 AR-1242-1

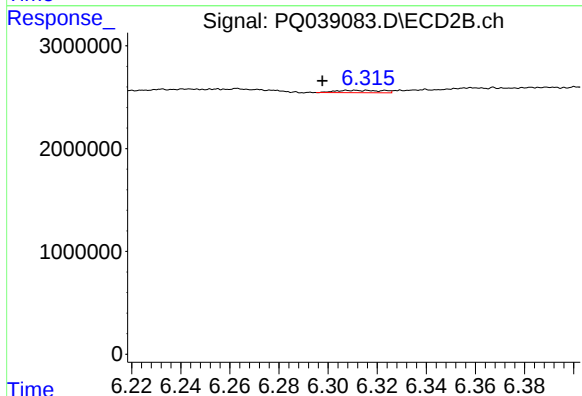
R.T.: 6.316 min
Delta R.T.: 0.041 min
Response: 300161
Conc: 3.46 ng/ml



#17 AR-1242-2

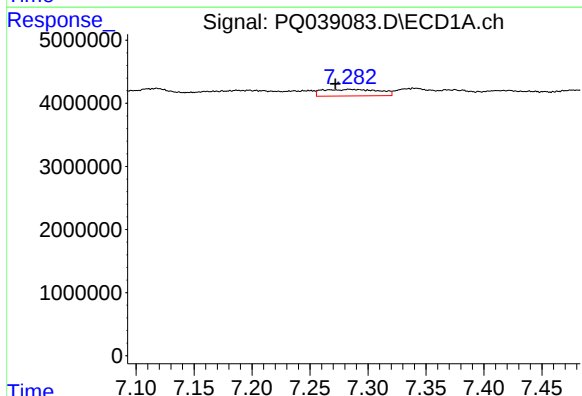
R.T.: 7.197 min
Delta R.T.: -0.005 min
Response: 1828925
Conc: 8.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



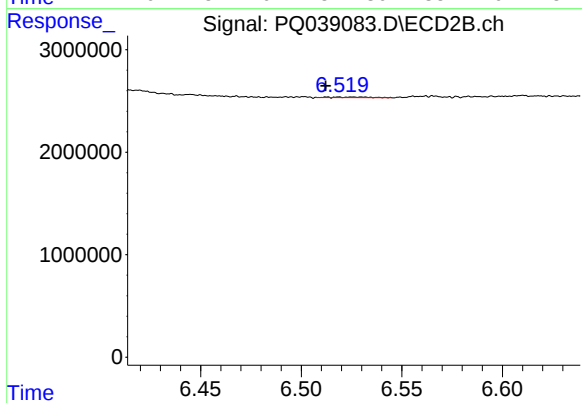
#17 AR-1242-2

R.T.: 6.316 min
Delta R.T.: 0.018 min
Response: 300161
Conc: 2.41 ng/ml



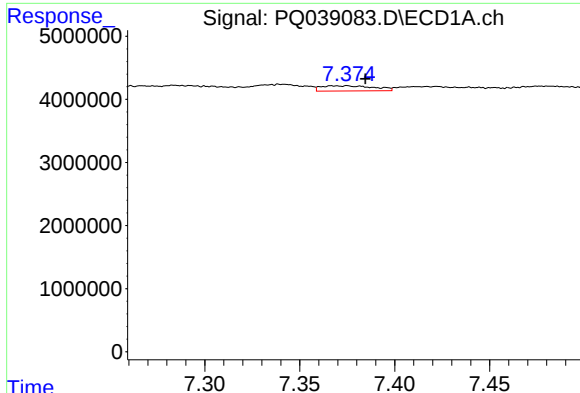
#18 AR-1242-3

R.T.: 7.284 min
Delta R.T.: 0.012 min
Response: 3547341
Conc: 25.04 ng/ml



#18 AR-1242-3

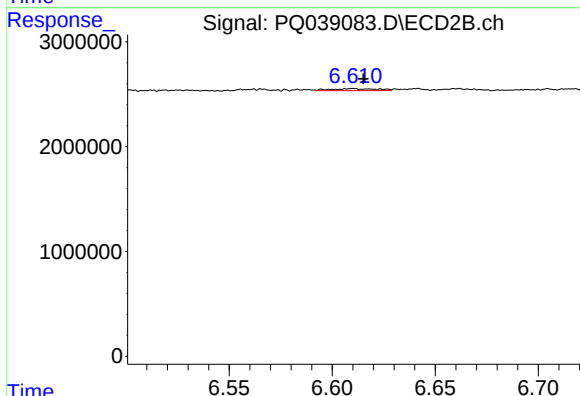
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 77645
Conc: 1.16 ng/ml



#19 AR-1242-4

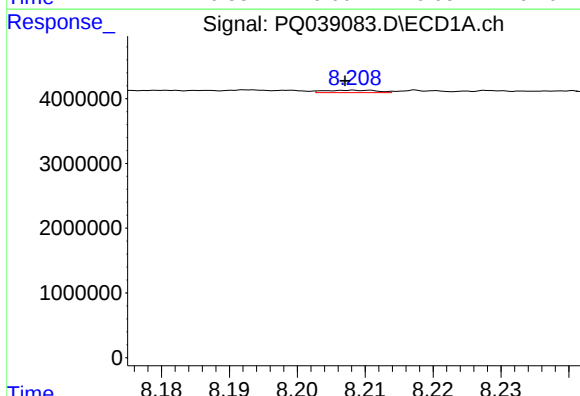
R.T.: 7.368 min
Delta R.T.: -0.017 min
Response: 1600791
Conc: 13.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



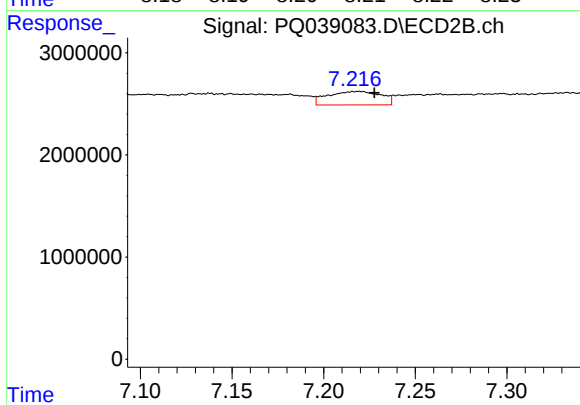
#19 AR-1242-4

R.T.: 6.610 min
Delta R.T.: -0.005 min
Response: 270999
Conc: 4.01 ng/ml



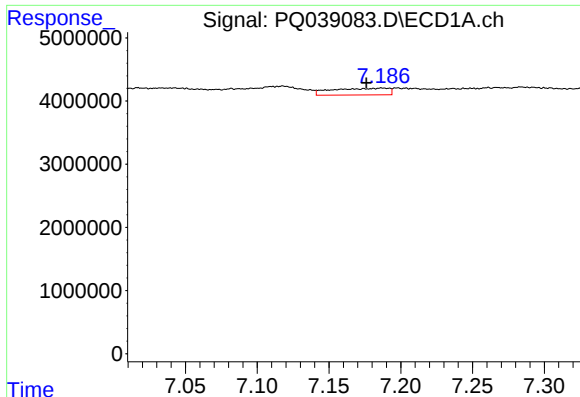
#20 AR-1242-5

R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 196101
Conc: 1.44 ng/ml



#20 AR-1242-5

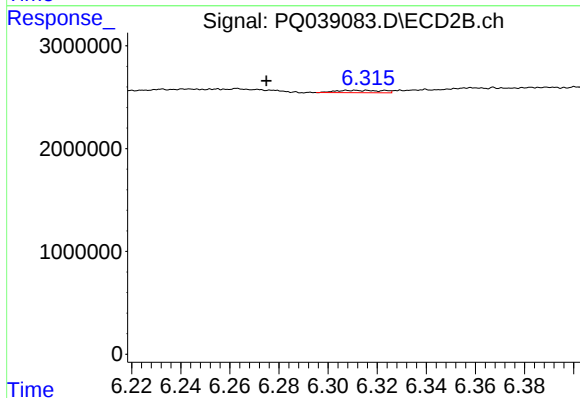
R.T.: 7.219 min
Delta R.T.: -0.009 min
Response: 2676267
Conc: 28.03 ng/ml



#21 AR-1248-1

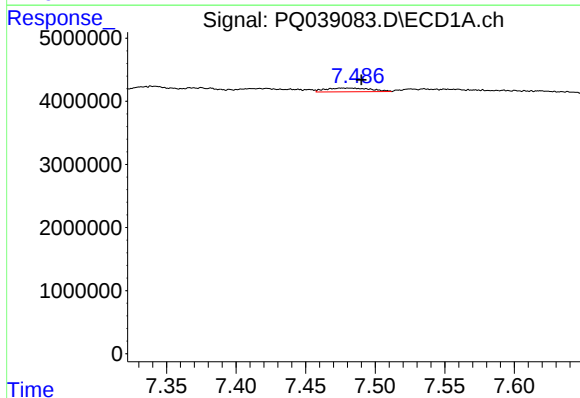
R.T.: 7.187 min
Delta R.T.: 0.011 min
Response: 2900716
Conc: 27.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



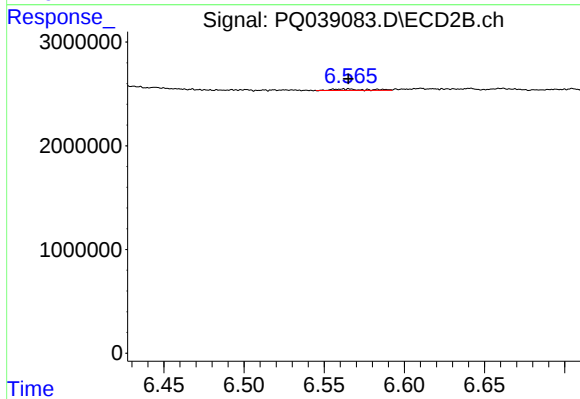
#21 AR-1248-1

R.T.: 6.316 min
Delta R.T.: 0.041 min
Response: 300161
Conc: 4.98 ng/ml



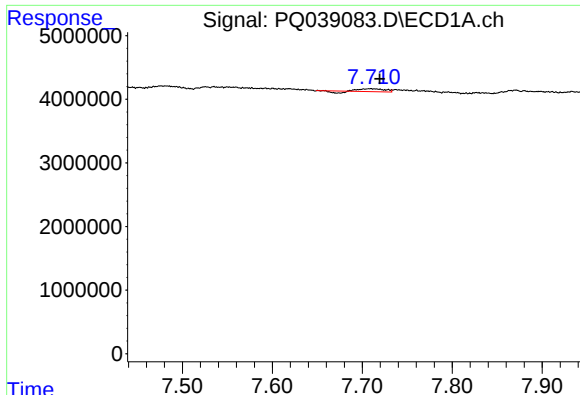
#22 AR-1248-2

R.T.: 7.476 min
Delta R.T.: -0.014 min
Response: 1341981
Conc: 8.96 ng/ml



#22 AR-1248-2

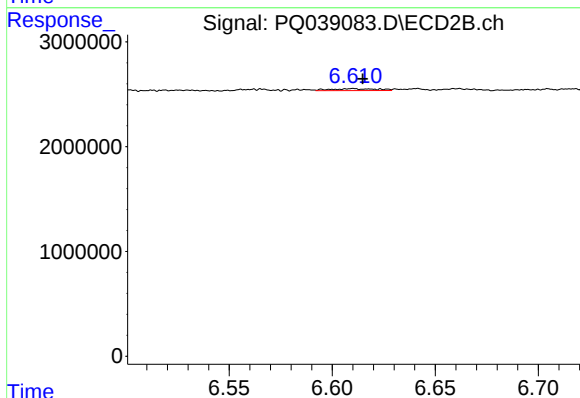
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 214192
Conc: 2.53 ng/ml



#23 AR-1248-3

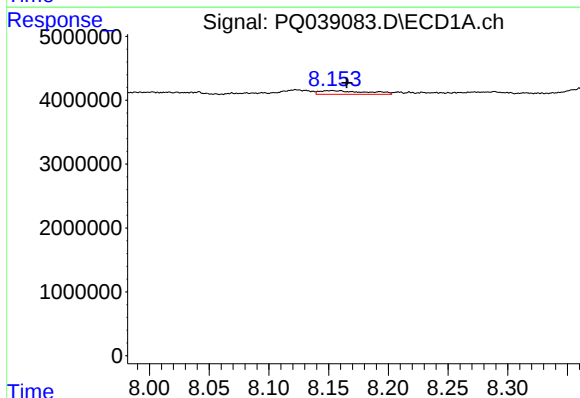
R.T.: 7.709 min
Delta R.T.: -0.011 min
Response: 601710
Conc: 3.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



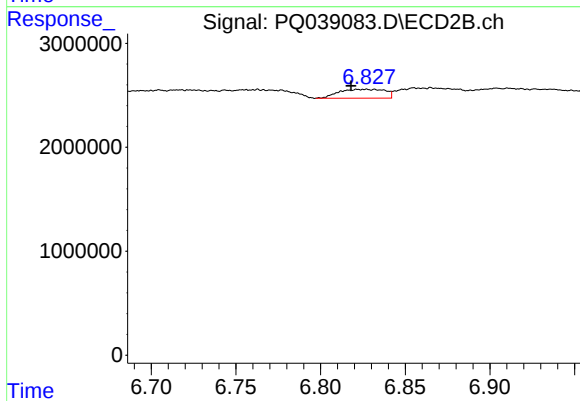
#23 AR-1248-3

R.T.: 6.610 min
Delta R.T.: -0.005 min
Response: 270999
Conc: 3.05 ng/ml



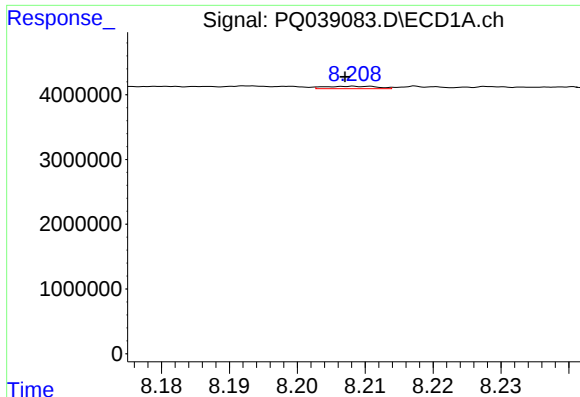
#24 AR-1248-4

R.T.: 8.153 min
Delta R.T.: -0.012 min
Response: 1594988
Conc: 7.85 ng/ml



#24 AR-1248-4

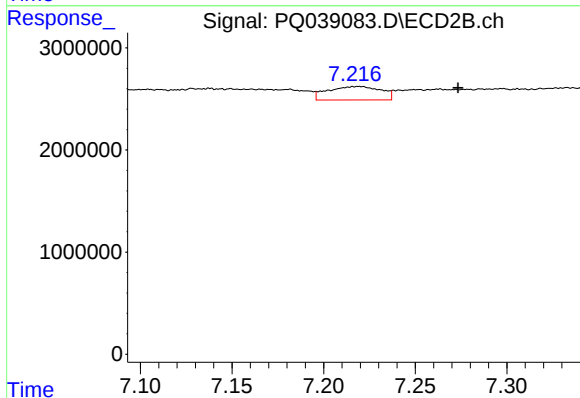
R.T.: 6.832 min
Delta R.T.: 0.014 min
Response: 1618880
Conc: 14.12 ng/ml



#25 AR-1248-5

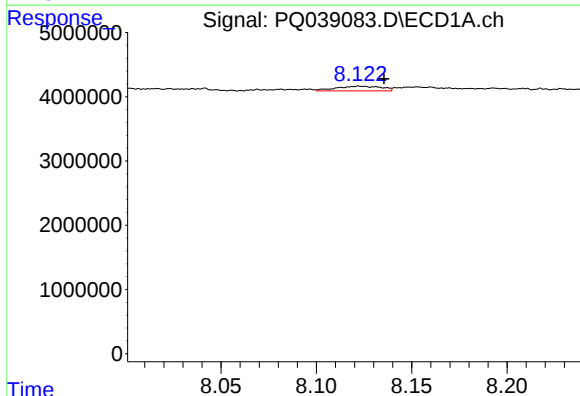
R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 196101
Conc: 0.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



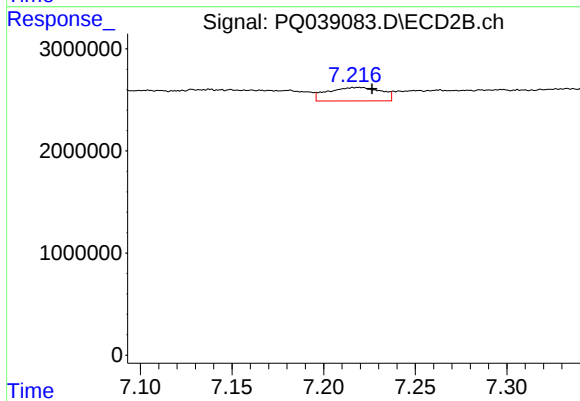
#25 AR-1248-5

R.T.: 7.219 min
Delta R.T.: -0.055 min
Response: 2676267
Conc: 23.25 ng/ml



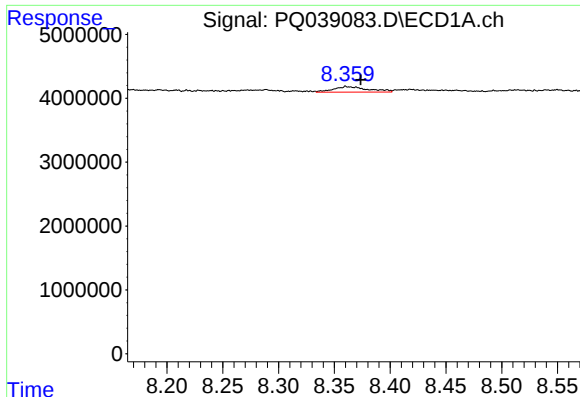
#26 AR-1254-1

R.T.: 8.123 min
Delta R.T.: -0.013 min
Response: 1192129
Conc: 5.52 ng/ml



#26 AR-1254-1

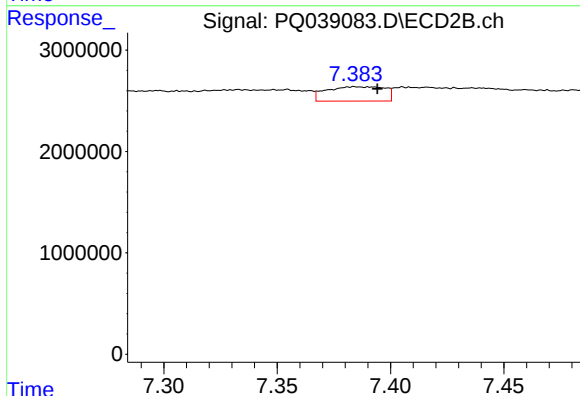
R.T.: 7.219 min
Delta R.T.: -0.008 min
Response: 2676267
Conc: 14.56 ng/ml



#27 AR-1254-2

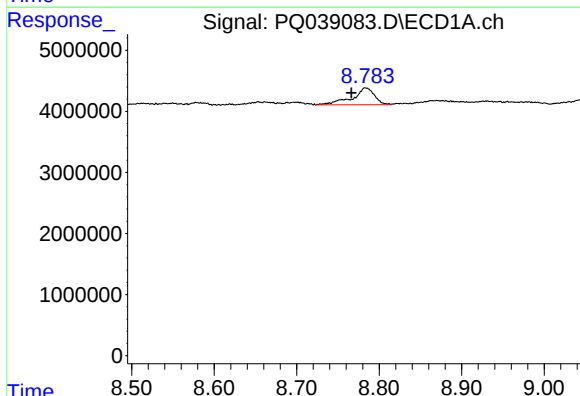
R.T.: 8.361 min
Delta R.T.: -0.013 min
Response: 1873630
Conc: 5.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



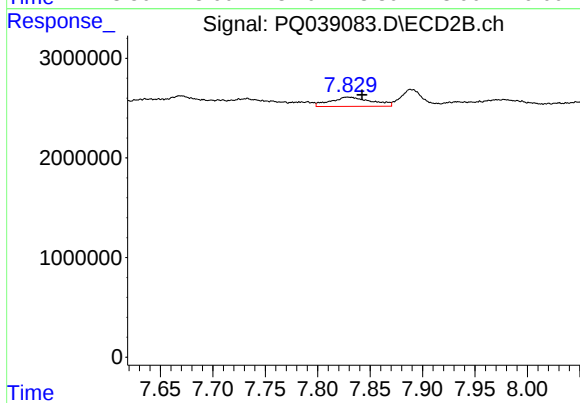
#27 AR-1254-2

R.T.: 7.385 min
Delta R.T.: -0.009 min
Response: 2546878
Conc: 15.73 ng/ml



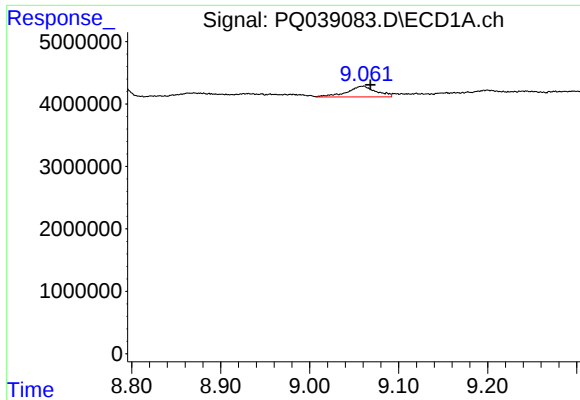
#28 AR-1254-3

R.T.: 8.784 min
Delta R.T.: 0.017 min
Response: 5237200
Conc: 14.09 ng/ml



#28 AR-1254-3

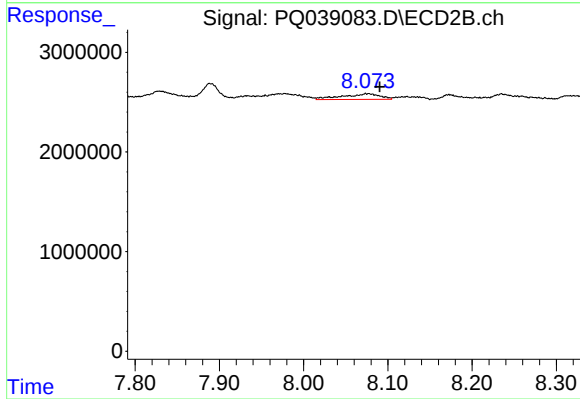
R.T.: 7.829 min
Delta R.T.: -0.013 min
Response: 2546466
Conc: 9.01 ng/ml



#29 AR-1254-4

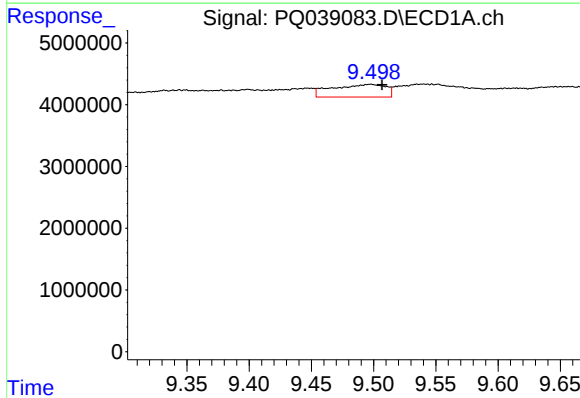
R.T.: 9.060 min
Delta R.T.: -0.009 min
Response: 3942088
Conc: 15.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



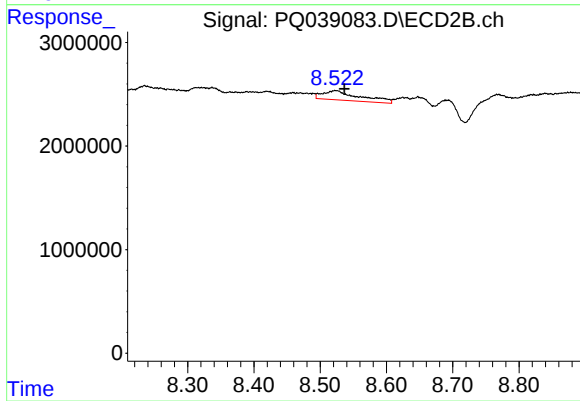
#29 AR-1254-4

R.T.: 8.077 min
Delta R.T.: -0.014 min
Response: 1752568
Conc: 10.56 ng/ml



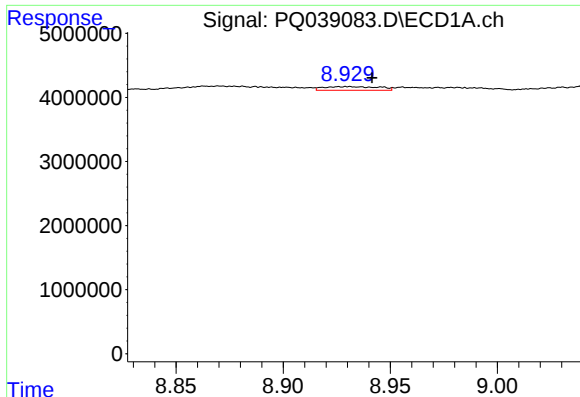
#30 AR-1254-5

R.T.: 9.498 min
Delta R.T.: -0.009 min
Response: 6136728
Conc: 20.59 ng/ml



#30 AR-1254-5

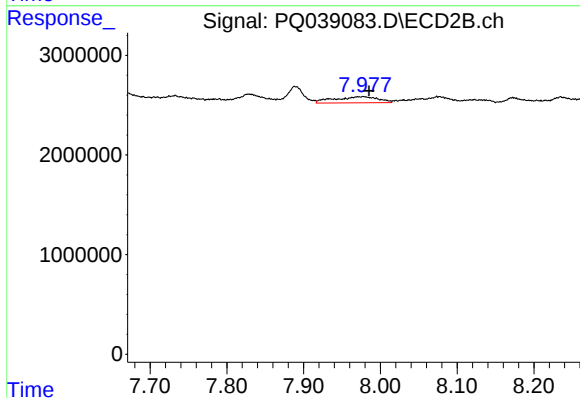
R.T.: 8.524 min
Delta R.T.: -0.013 min
Response: 3541648
Conc: 14.38 ng/ml



#31 AR-1260-1

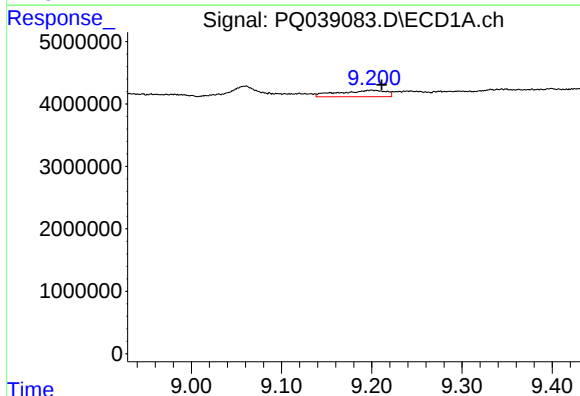
R.T.: 8.931 min
Delta R.T.: -0.011 min
Response: 1034108
Conc: 2.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



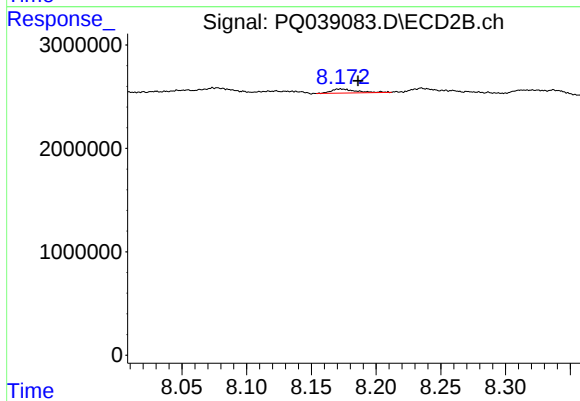
#31 AR-1260-1

R.T.: 7.977 min
Delta R.T.: -0.008 min
Response: 2442227
Conc: 8.06 ng/ml



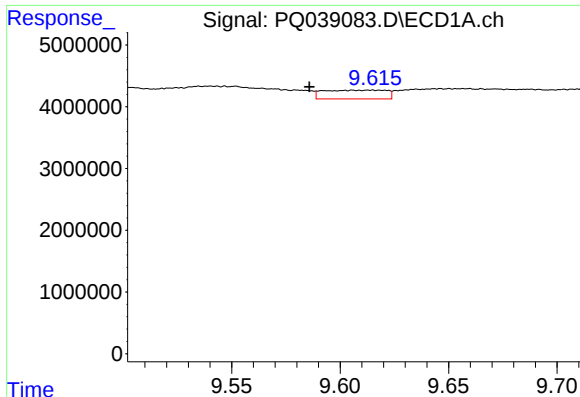
#32 AR-1260-2

R.T.: 9.200 min
Delta R.T.: -0.011 min
Response: 3760892
Conc: 6.62 ng/ml



#32 AR-1260-2

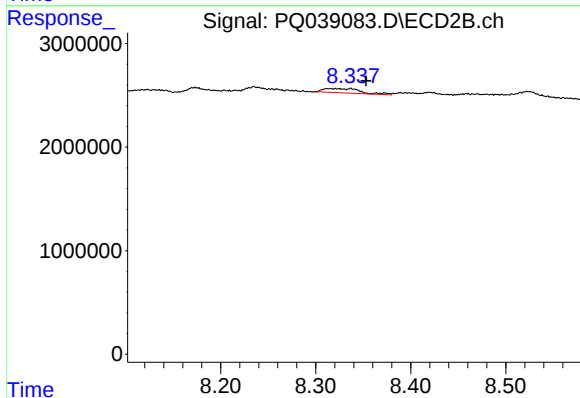
R.T.: 8.173 min
Delta R.T.: -0.013 min
Response: 515890
Conc: 1.39 ng/ml



#33 AR-1260-3

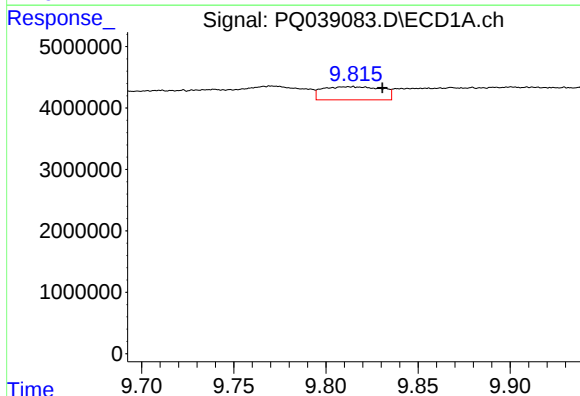
R.T.: 9.606 min
Delta R.T.: 0.020 min
Response: 2841199
Conc: 6.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



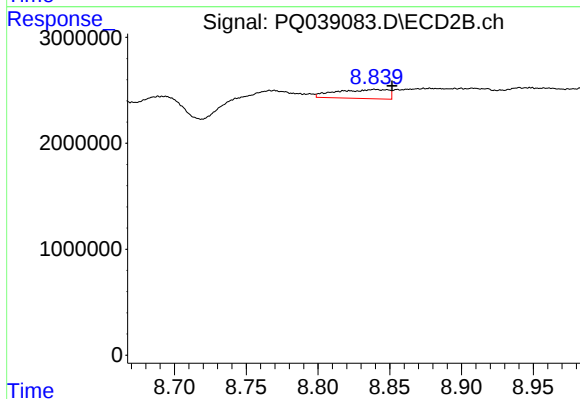
#33 AR-1260-3

R.T.: 8.320 min
Delta R.T.: -0.033 min
Response: 1098269
Conc: 3.13 ng/ml



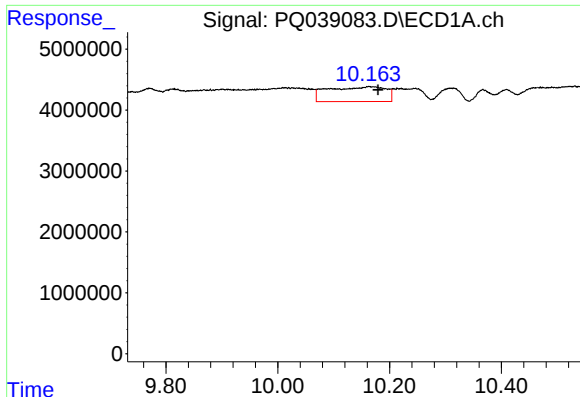
#34 AR-1260-4

R.T.: 9.814 min
Delta R.T.: -0.017 min
Response: 4813427
Conc: 9.38 ng/ml



#34 AR-1260-4

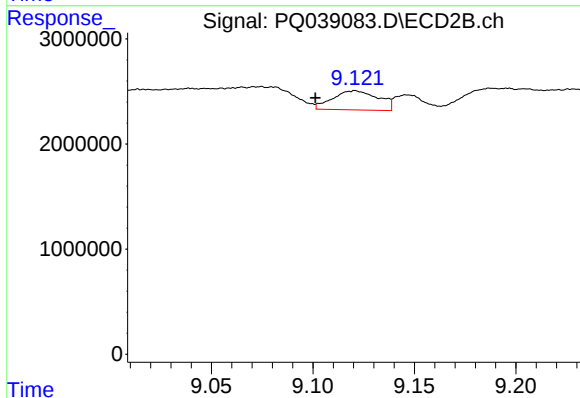
R.T.: 8.840 min
Delta R.T.: -0.012 min
Response: 2133742
Conc: 7.39 ng/ml



#35 AR-1260-5

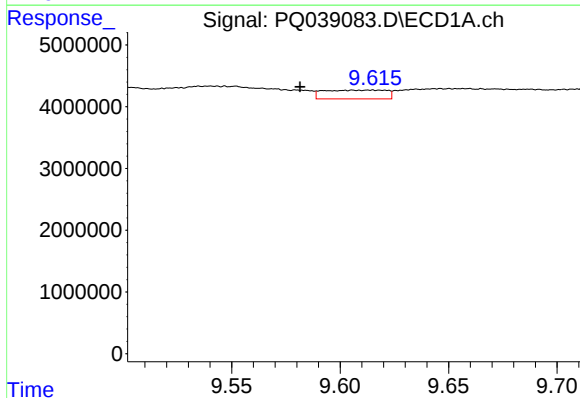
R.T.: 10.163 min
Delta R.T.: -0.016 min
Response: 17469291
Conc: 16.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



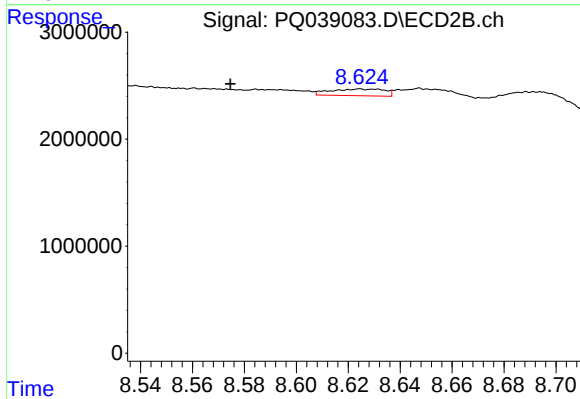
#35 AR-1260-5

R.T.: 9.120 min
Delta R.T.: 0.019 min
Response: 2856306
Conc: 4.03 ng/ml



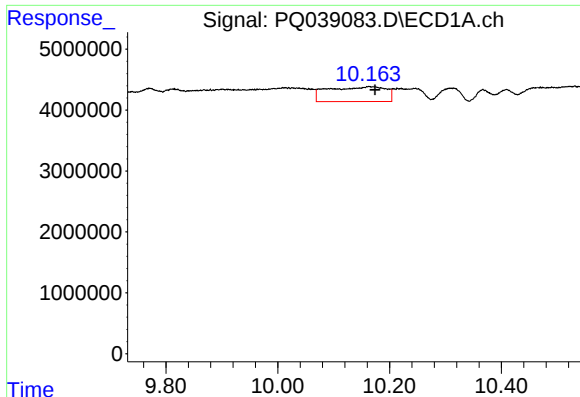
#36 AR-1262-1

R.T.: 9.606 min
Delta R.T.: 0.025 min
Response: 2841199
Conc: 7.65 ng/ml



#36 AR-1262-1

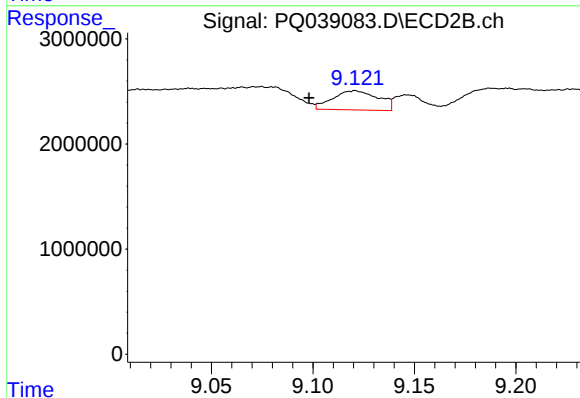
R.T.: 8.626 min
Delta R.T.: 0.051 min
Response: 907478
Conc: 3.47 ng/ml



#37 AR-1262-2

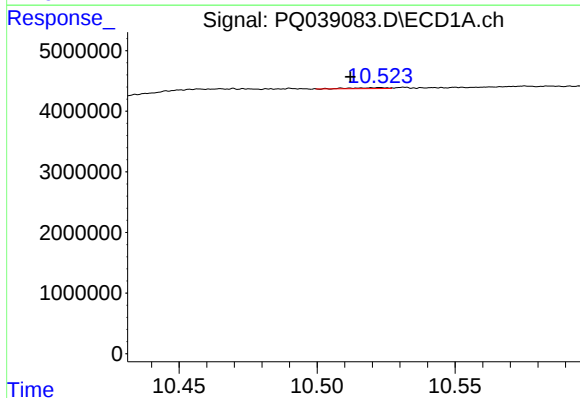
R.T.: 10.163 min
Delta R.T.: -0.011 min
Response: 17469291
Conc: 26.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



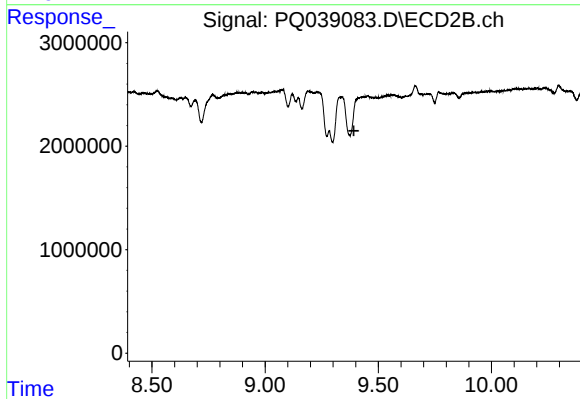
#37 AR-1262-2

R.T.: 9.120 min
Delta R.T.: 0.022 min
Response: 2856306
Conc: 5.98 ng/ml



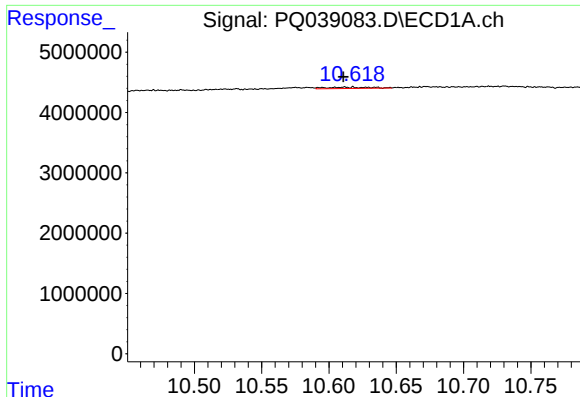
#38 AR-1262-3

R.T.: 10.523 min
Delta R.T.: 0.011 min
Response: 148834
Conc: 0.33 ng/ml



#38 AR-1262-3

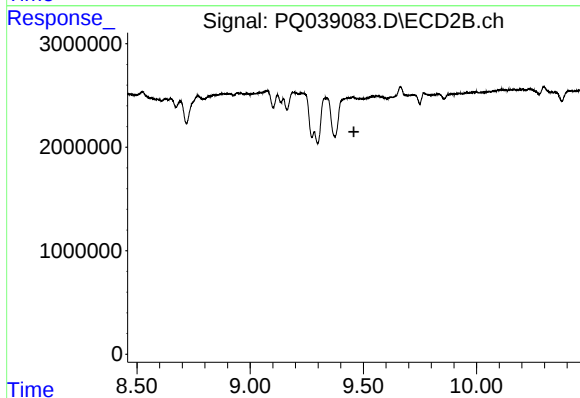
R.T.: 9.452 min
Delta R.T.: 0.060 min
Response: -7036321
Conc: N.D.



#39 AR-1262-4

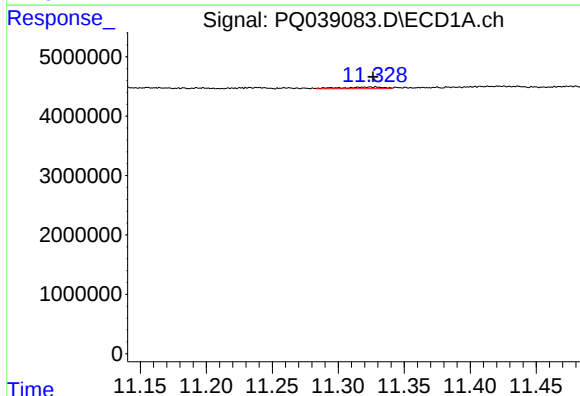
R.T.: 10.612 min
Delta R.T.: 0.001 min
Response: 478647
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



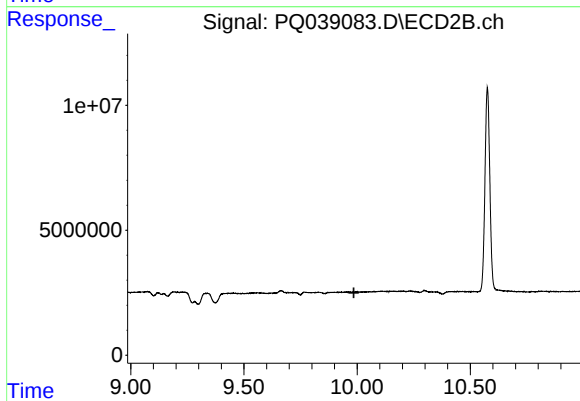
#39 AR-1262-4

R.T.: 9.452 min
Delta R.T.: -0.006 min
Response: -7036321
Conc: N.D.



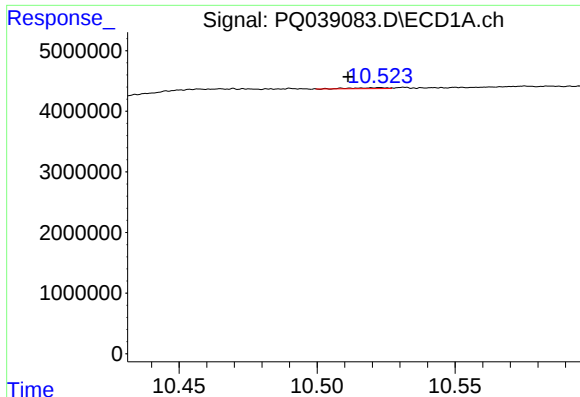
#40 AR-1262-5

R.T.: 11.329 min
Delta R.T.: 0.002 min
Response: 617876
Conc: 2.48 ng/ml



#40 AR-1262-5

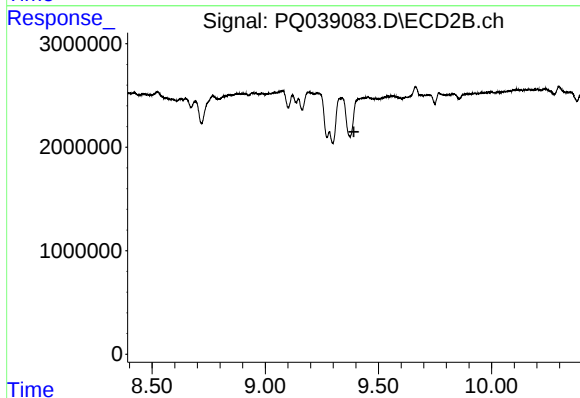
R.T.: 0.000 min
Exp R.T.: 9.986 min
Response: 0
Conc: N.D.



#41 AR-1268-1

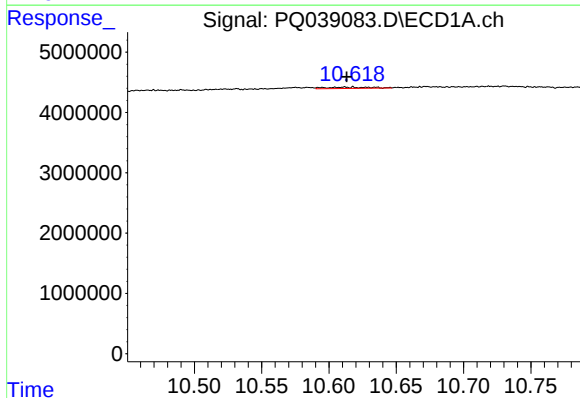
R.T.: 10.523 min
Delta R.T.: 0.011 min
Response: 148834
Conc: 0.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



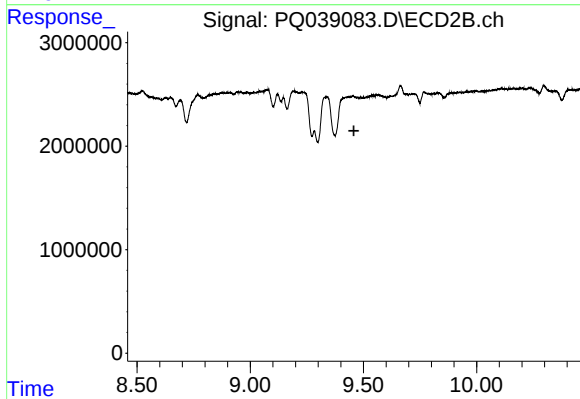
#41 AR-1268-1

R.T.: 9.452 min
Delta R.T.: 0.061 min
Response: -7036321
Conc: N.D.



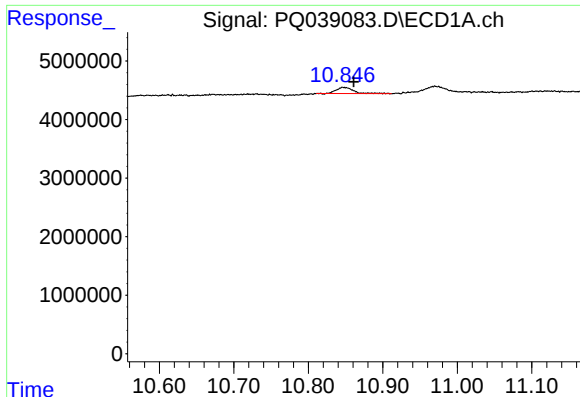
#42 AR-1268-2

R.T.: 10.612 min
Delta R.T.: -0.001 min
Response: 478647
Conc: 0.35 ng/ml



#42 AR-1268-2

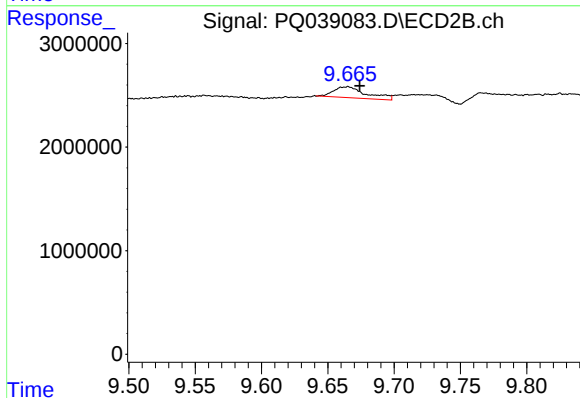
R.T.: 9.452 min
Delta R.T.: -0.006 min
Response: -7036321
Conc: N.D.



#43 AR-1268-3

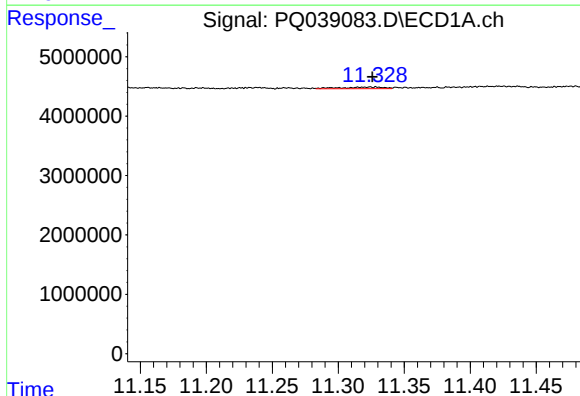
R.T.: 10.847 min
Delta R.T.: -0.014 min
Response: 1705267
Conc: 1.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



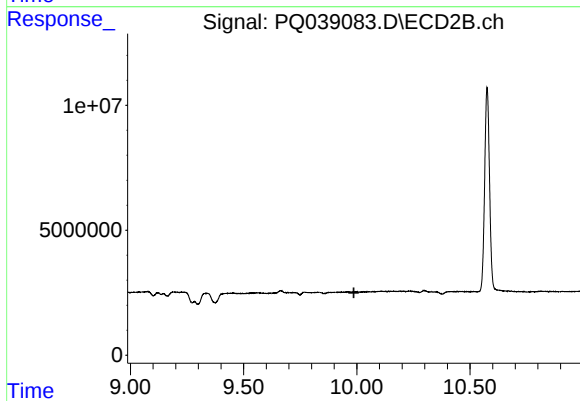
#43 AR-1268-3

R.T.: 9.664 min
Delta R.T.: -0.010 min
Response: 1813843
Conc: 2.29 ng/ml



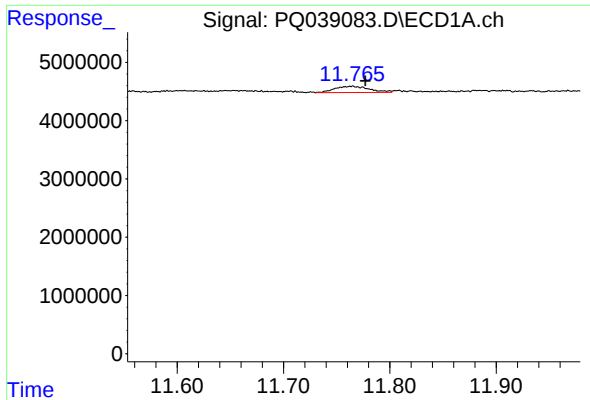
#44 AR-1268-4

R.T.: 11.329 min
Delta R.T.: 0.003 min
Response: 617876
Conc: 1.23 ng/ml



#44 AR-1268-4

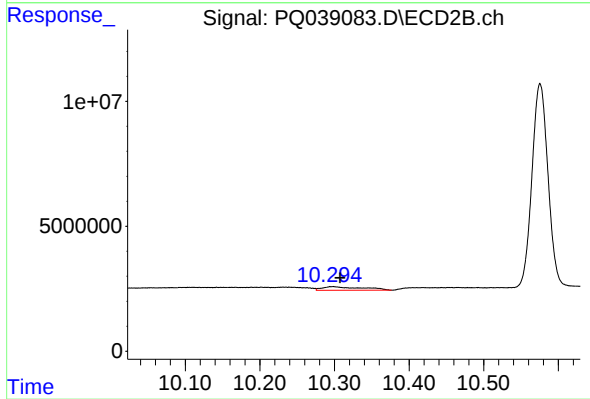
R.T.: 0.000 min
Exp R.T.: 9.987 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.765 min
Delta R.T.: -0.012 min
Response: 2435721
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H0



#45 AR-1268-5

R.T.: 10.298 min
Delta R.T.: -0.009 min
Response: 5375613
Conc: 2.16 ng/ml