

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
 Data File : PQ068462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2024 23:34
 Operator : YP\AJ
 Sample : P3897-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 06:59:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 07 07:27:42 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.439	2.822	134.9E6	139.4E6	18.898	19.572
2)	SA Decachlor...	8.610	7.599	77269936	122.3E6	17.730	18.516
Target Compounds							
3)	L1 AR-1016-1	4.520	3.833	3228755	6294042	13.818	26.505 #
4)	L1 AR-1016-2	4.565	3.833	3728466	6294042	10.155	17.418 #
5)	L1 AR-1016-3	4.598	4.009	31625301	22731879	139.914	117.034
6)	L1 AR-1016-4	4.705	4.056	13290849	4039103	69.807	25.010 #
7)	L1 AR-1016-5	5.028f	4.236	24923701	11944871	140.966	61.842 #
8)	L2 AR-1221-1	3.647	3.014	703540	872280	8.382	9.574
9)	L2 AR-1221-2	3.711	3.094	10188978	4537779	157.445	62.827 #
10)	L2 AR-1221-3	3.791	3.168	6532460	5555395	33.186	27.439
11)	L3 AR-1232-1	3.791	3.168	6532460	5555395	40.698	34.159
12)	L3 AR-1232-2	4.286	3.833	5273964	6294042	59.788	40.002 #
13)	L3 AR-1232-3	4.565	4.009	3728466	22731879	23.150	273.284 #
14)	L3 AR-1232-4	4.705	4.103	13290849	8259922	166.069	117.006 #
15)	L3 AR-1232-5	4.826	4.236	3157636	11944871	58.588	151.148 #
16)	L4 AR-1242-1	4.520	3.833	3228755	6294042	17.870	34.457 #
17)	L4 AR-1242-2	4.565	3.833	3728466	6294042	13.394	23.274 #
18)	L4 AR-1242-3	4.598	4.009	31625301	22731879	183.961	154.463
19)	L4 AR-1242-4	4.705	4.103	13290849	8259922	93.664	59.210 #
20)	L4 AR-1242-5	5.435	4.616f	26231512	57704290	182.011	307.103 #
21)	L5 AR-1248-1	4.520	3.833	3228755	6294042	23.039	44.063 #
22)	L5 AR-1248-2	4.826	4.056	3157636	4039103	16.214	18.759
23)	L5 AR-1248-3	5.028f	4.103	24923701	8259922	106.215	39.791 #
24)	L5 AR-1248-4	5.354f	4.236	32106396	11944871	124.346	46.739 #
25)	L5 AR-1248-5	5.435	4.616	26231512	57704290	103.579	225.975 #
26)	L6 AR-1254-1	5.354	4.616f	32106396	57704290	125.327	155.015
27)	L6 AR-1254-2	5.584	4.747	13064934	53359194	33.392	160.009 #
28)	L6 AR-1254-3	5.909	5.116	63822364	42218720	156.938	82.177 #
29)	L6 AR-1254-4	6.216	5.344	34698229	22931023	120.467	72.980 #
30)	L6 AR-1254-5	6.628	5.749	25922229	29156200	79.282	61.054
31)	L7 AR-1260-1	6.113	5.247	20522366	17626805	61.712	45.905 #
32)	L7 AR-1260-2	6.349	5.436	53988587	19438427	144.036	42.647 #
33)	L7 AR-1260-3	6.704	5.572	2532324	23621156	10.775	54.200 #
34)	L7 AR-1260-4	6.904	6.039	7481025	3418322	26.997	10.639 #
35)	L7 AR-1260-5	7.236	6.285	3567865	7279733	6.676	9.990 #
36)	L8 AR-1262-1	6.904	5.794	7481025	1550983	21.157	3.196 #
37)	L8 AR-1262-2	7.236	6.039	3567865	3418322	5.464	7.675 #
38)	L8 AR-1262-3	7.513	6.552	3297856	1261785	7.675	3.563 #
39)	L8 AR-1262-4	7.604	6.619	734972	6849511	2.204	10.342 #
40)	L8 AR-1262-5	8.085	7.119	972939	257098	4.619	0.840 #
41)	L9 AR-1268-1	7.513	6.552	3297856	1261785	4.571	1.240 #

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 Acq On : 09 Sep 2024 23:34
 Operator : YP\AJ
 Sample : P3897-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

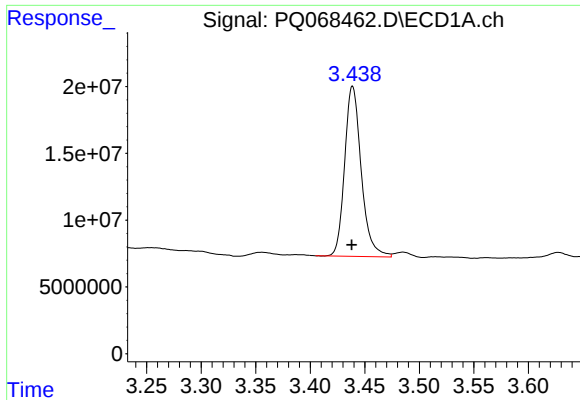
Instrument :
 ECD_Q
 ClientSampleId :
 2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 06:59:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 07 07:27:42 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.604	6.619	734972	6849511	1.114	7.547 #
43) L9	AR-1268-3	7.765	6.839	1425494	1292763	2.631	1.627 #
44) L9	AR-1268-4	8.085	7.119	972939	257098	4.514	0.813 #
45) L9	AR-1268-5	8.386	7.386	728313	1236666	0.460	0.523

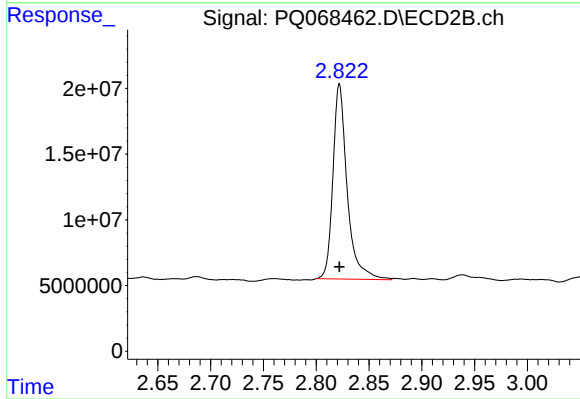
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

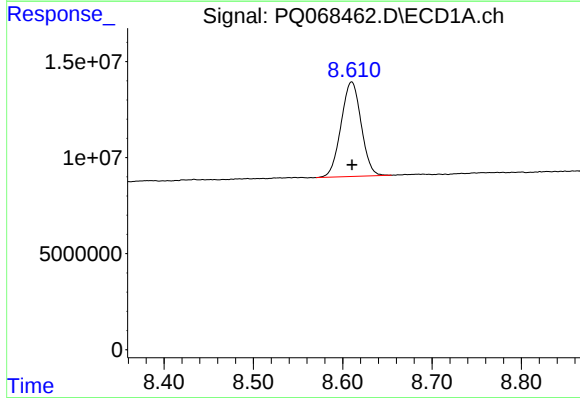
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 134943079
Conc: 18.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



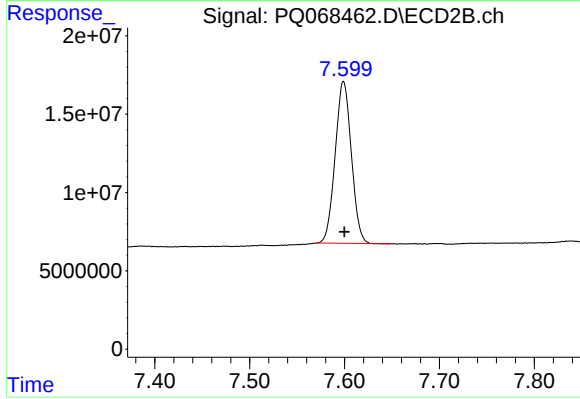
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 139399411
Conc: 19.57 ng/ml



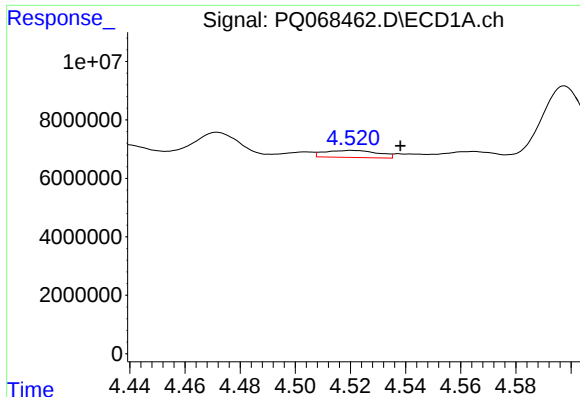
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 77269936
Conc: 17.73 ng/ml



#2 Decachlorobiphenyl

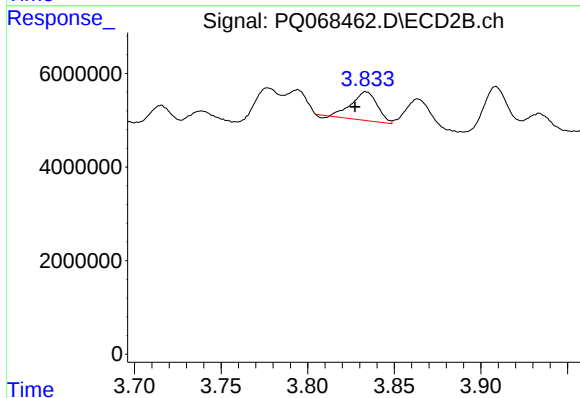
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 122279641
Conc: 18.52 ng/ml



#3 AR-1016-1

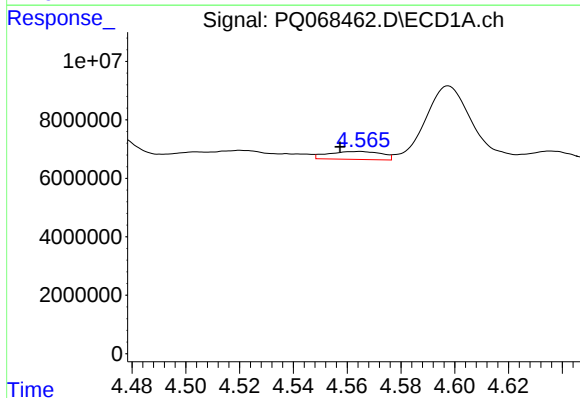
R.T.: 4.520 min
Delta R.T.: -0.018 min
Response: 3228755
Conc: 13.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



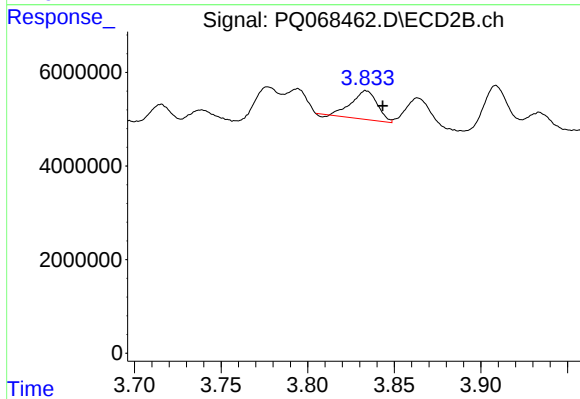
#3 AR-1016-1

R.T.: 3.833 min
Delta R.T.: 0.006 min
Response: 6294042
Conc: 26.50 ng/ml



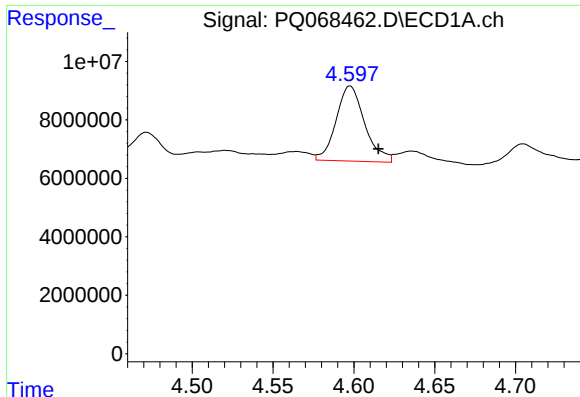
#4 AR-1016-2

R.T.: 4.565 min
Delta R.T.: 0.008 min
Response: 3728466
Conc: 10.15 ng/ml



#4 AR-1016-2

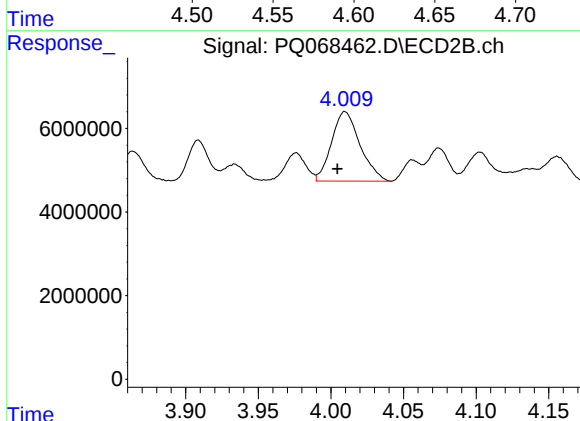
R.T.: 3.833 min
Delta R.T.: -0.010 min
Response: 6294042
Conc: 17.42 ng/ml



#5 AR-1016-3

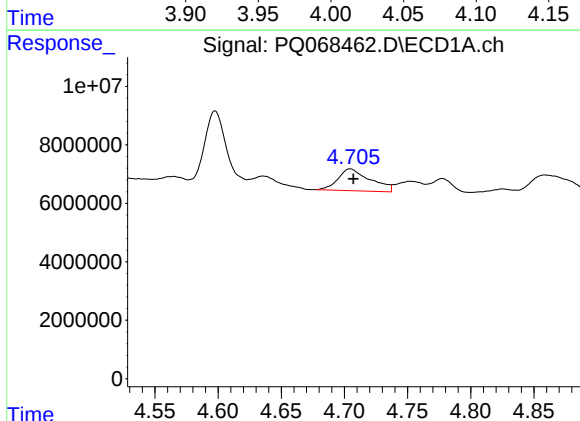
R.T.: 4.598 min
Delta R.T.: -0.018 min
Response: 31625301
Conc: 139.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



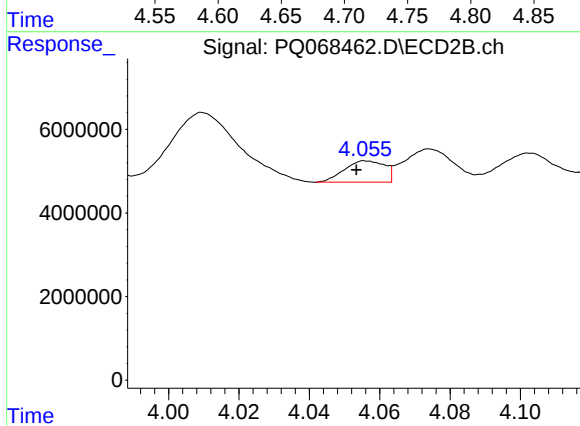
#5 AR-1016-3

R.T.: 4.009 min
Delta R.T.: 0.005 min
Response: 22731879
Conc: 117.03 ng/ml



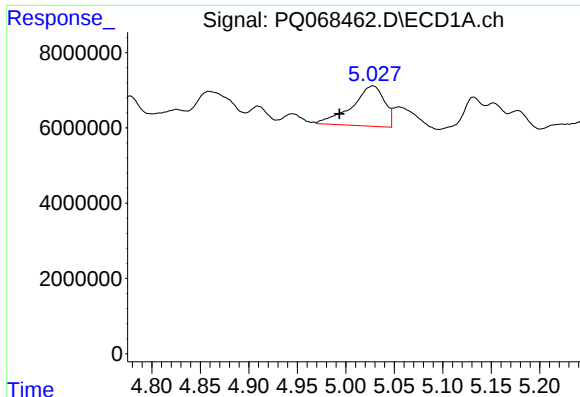
#6 AR-1016-4

R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 13290849
Conc: 69.81 ng/ml



#6 AR-1016-4

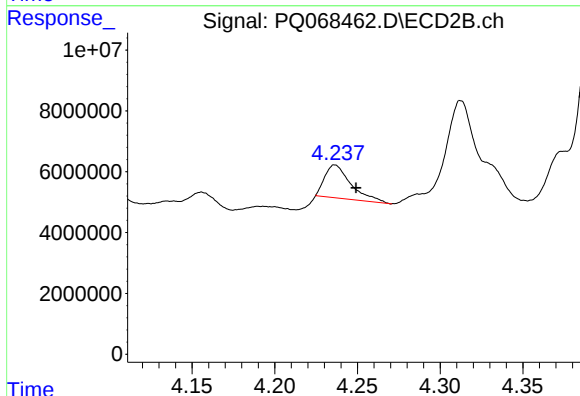
R.T.: 4.056 min
Delta R.T.: 0.003 min
Response: 4039103
Conc: 25.01 ng/ml



#7 AR-1016-5

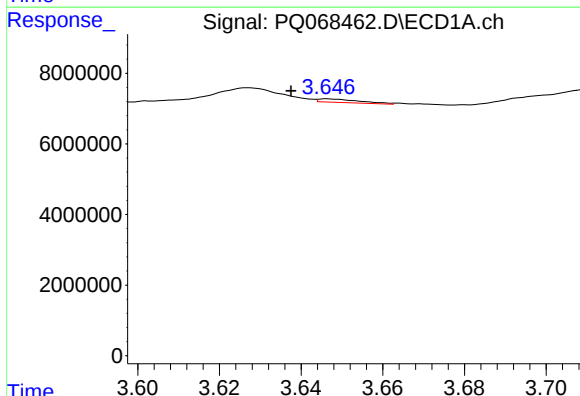
R.T.: 5.028 min
Delta R.T.: 0.034 min
Response: 24923701
Conc: 140.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



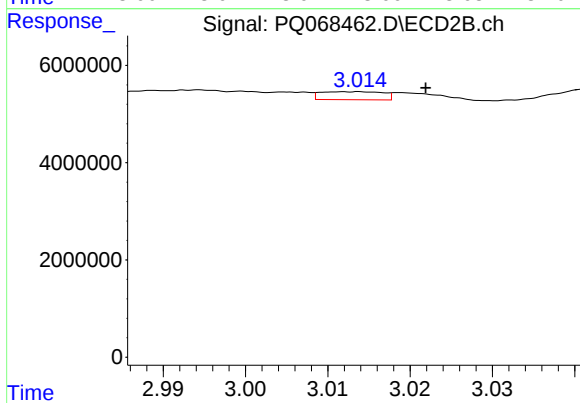
#7 AR-1016-5

R.T.: 4.236 min
Delta R.T.: -0.013 min
Response: 11944871
Conc: 61.84 ng/ml



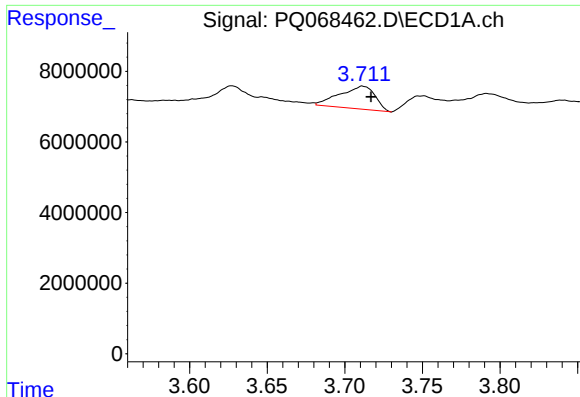
#8 AR-1221-1

R.T.: 3.647 min
Delta R.T.: 0.009 min
Response: 703540
Conc: 8.38 ng/ml



#8 AR-1221-1

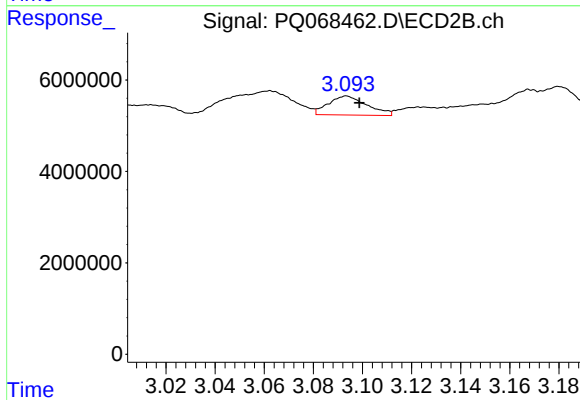
R.T.: 3.014 min
Delta R.T.: -0.008 min
Response: 872280
Conc: 9.57 ng/ml



#9 AR-1221-2

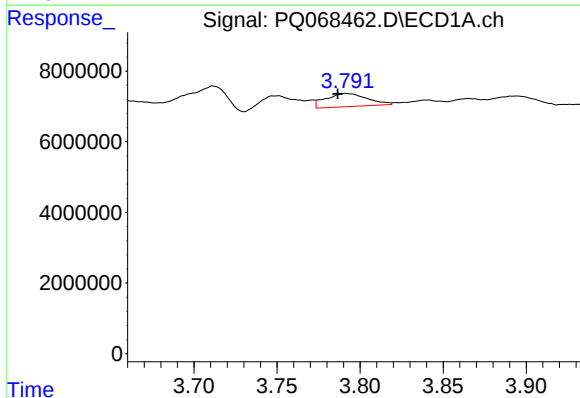
R.T.: 3.711 min
Delta R.T.: -0.006 min
Response: 10188978
Conc: 157.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



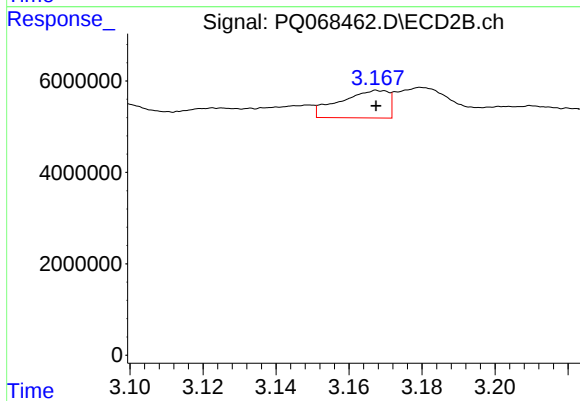
#9 AR-1221-2

R.T.: 3.094 min
Delta R.T.: -0.005 min
Response: 4537779
Conc: 62.83 ng/ml



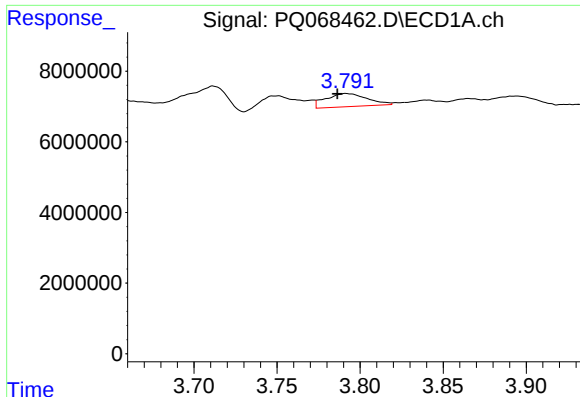
#10 AR-1221-3

R.T.: 3.791 min
Delta R.T.: 0.005 min
Response: 6532460
Conc: 33.19 ng/ml



#10 AR-1221-3

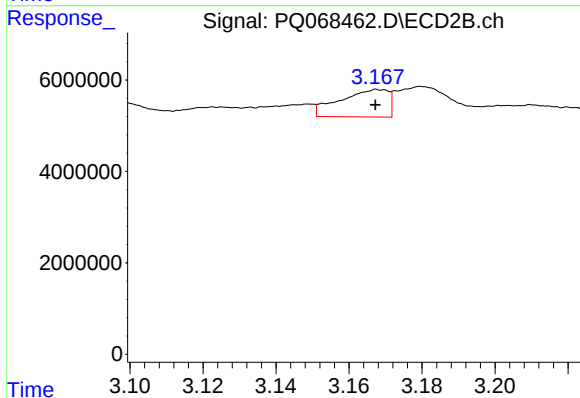
R.T.: 3.168 min
Delta R.T.: 0.000 min
Response: 5555395
Conc: 27.44 ng/ml



#11 AR-1232-1

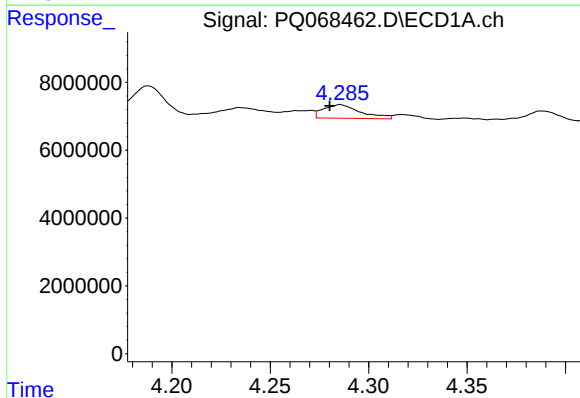
R.T.: 3.791 min
Delta R.T.: 0.005 min
Response: 6532460
Conc: 40.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



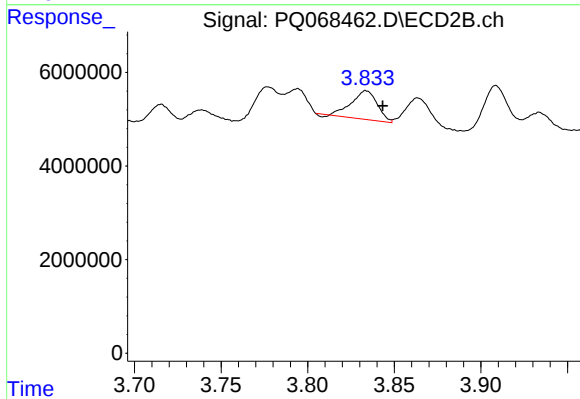
#11 AR-1232-1

R.T.: 3.168 min
Delta R.T.: 0.000 min
Response: 5555395
Conc: 34.16 ng/ml



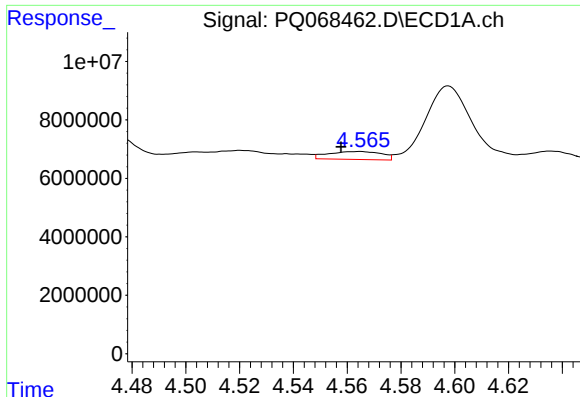
#12 AR-1232-2

R.T.: 4.286 min
Delta R.T.: 0.005 min
Response: 5273964
Conc: 59.79 ng/ml



#12 AR-1232-2

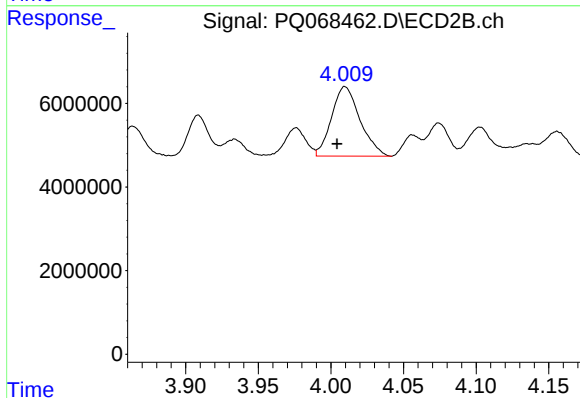
R.T.: 3.833 min
Delta R.T.: -0.010 min
Response: 6294042
Conc: 40.00 ng/ml



#13 AR-1232-3

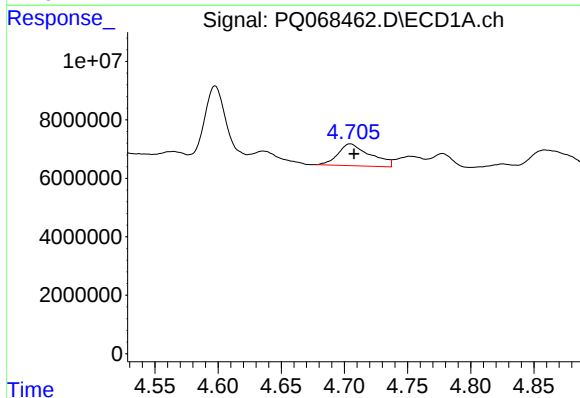
R.T.: 4.565 min
Delta R.T.: 0.007 min
Response: 3728466
Conc: 23.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



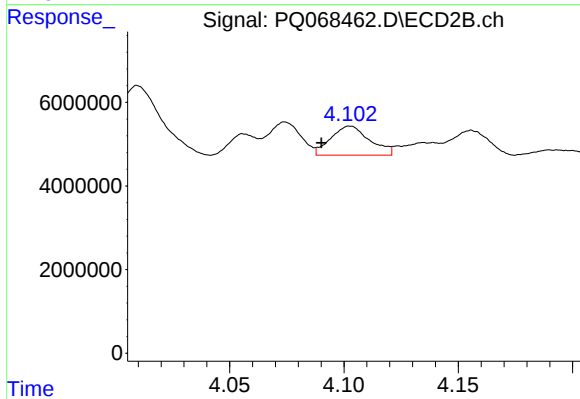
#13 AR-1232-3

R.T.: 4.009 min
Delta R.T.: 0.005 min
Response: 22731879
Conc: 273.28 ng/ml



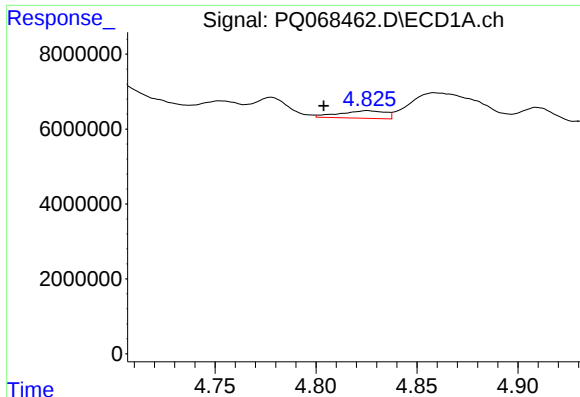
#14 AR-1232-4

R.T.: 4.705 min
Delta R.T.: -0.003 min
Response: 13290849
Conc: 166.07 ng/ml



#14 AR-1232-4

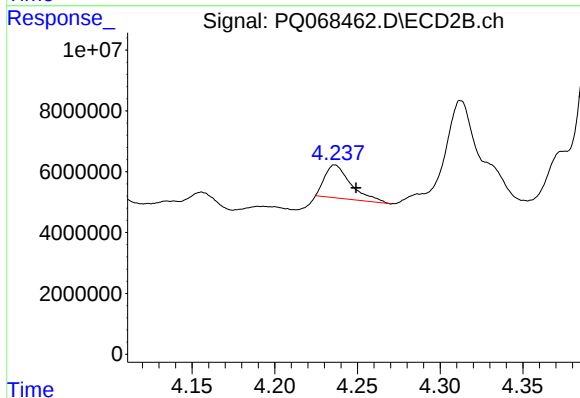
R.T.: 4.103 min
Delta R.T.: 0.012 min
Response: 8259922
Conc: 117.01 ng/ml



#15 AR-1232-5

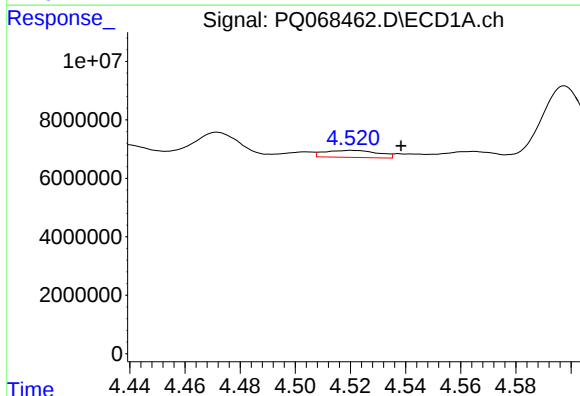
R.T.: 4.826 min
Delta R.T.: 0.022 min
Response: 3157636
Conc: 58.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



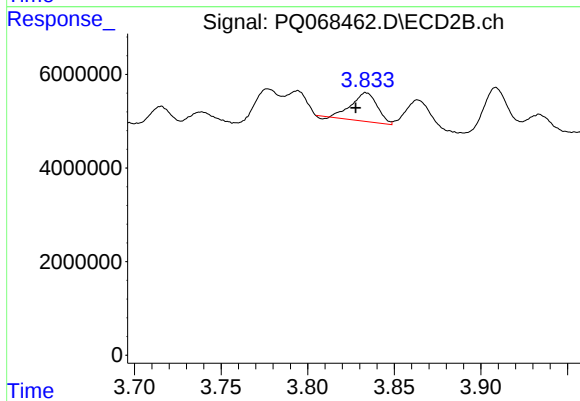
#15 AR-1232-5

R.T.: 4.236 min
Delta R.T.: -0.013 min
Response: 11944871
Conc: 151.15 ng/ml



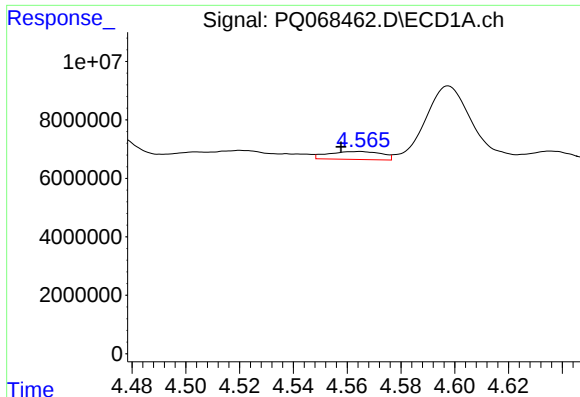
#16 AR-1242-1

R.T.: 4.520 min
Delta R.T.: -0.018 min
Response: 3228755
Conc: 17.87 ng/ml



#16 AR-1242-1

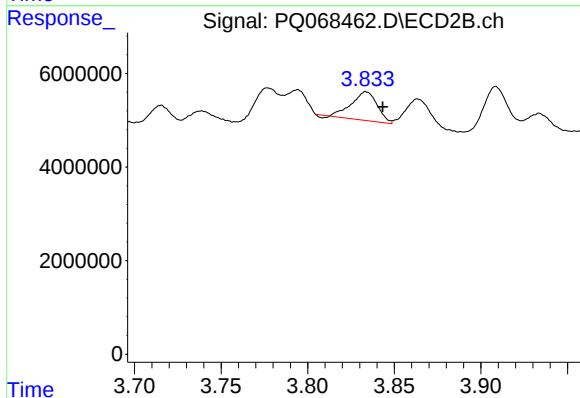
R.T.: 3.833 min
Delta R.T.: 0.006 min
Response: 6294042
Conc: 34.46 ng/ml



#17 AR-1242-2

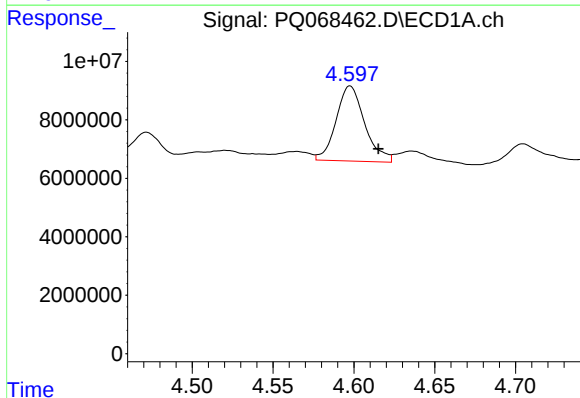
R.T.: 4.565 min
Delta R.T.: 0.007 min
Response: 3728466
Conc: 13.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



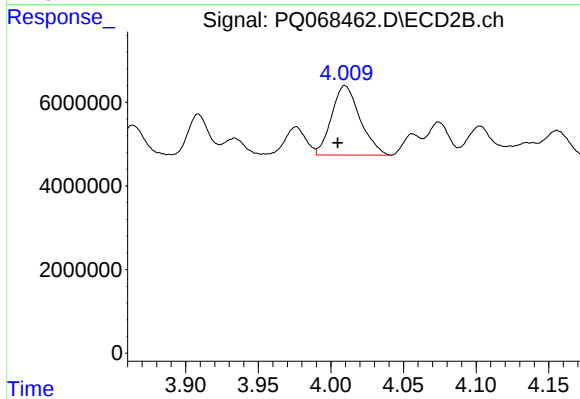
#17 AR-1242-2

R.T.: 3.833 min
Delta R.T.: -0.010 min
Response: 6294042
Conc: 23.27 ng/ml



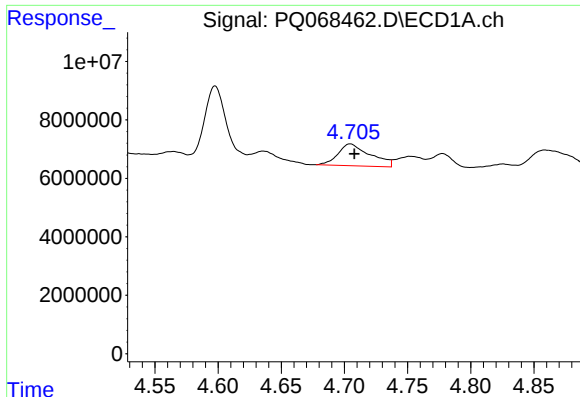
#18 AR-1242-3

R.T.: 4.598 min
Delta R.T.: -0.018 min
Response: 31625301
Conc: 183.96 ng/ml



#18 AR-1242-3

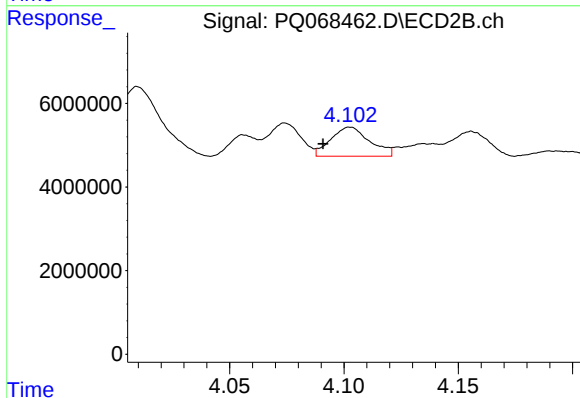
R.T.: 4.009 min
Delta R.T.: 0.005 min
Response: 22731879
Conc: 154.46 ng/ml



#19 AR-1242-4

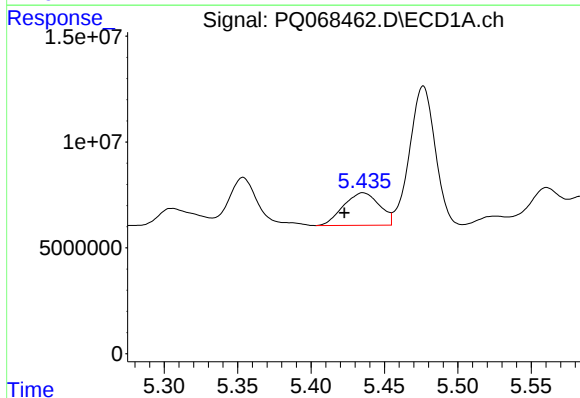
R.T.: 4.705 min
Delta R.T.: -0.003 min
Response: 13290849
Conc: 93.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



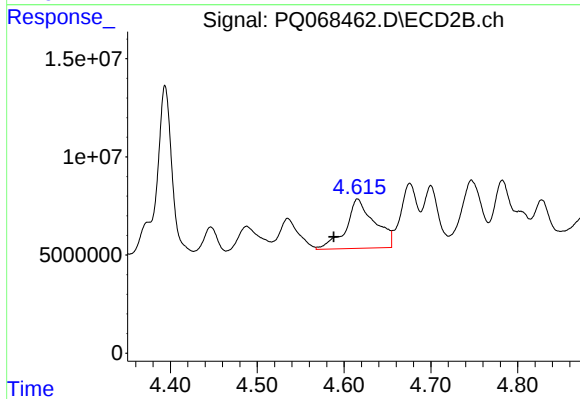
#19 AR-1242-4

R.T.: 4.103 min
Delta R.T.: 0.012 min
Response: 8259922
Conc: 59.21 ng/ml



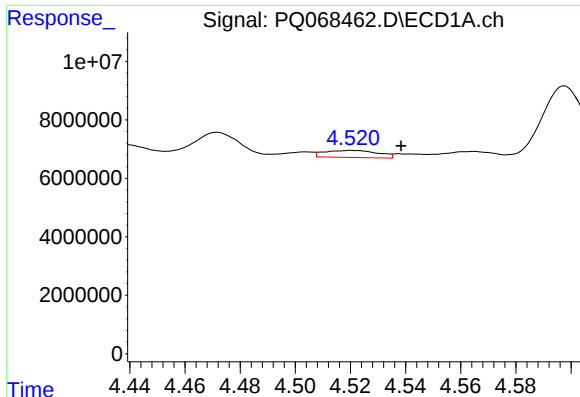
#20 AR-1242-5

R.T.: 5.435 min
Delta R.T.: 0.012 min
Response: 26231512
Conc: 182.01 ng/ml



#20 AR-1242-5

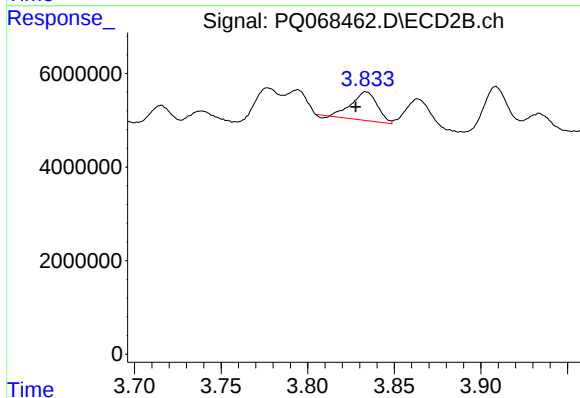
R.T.: 4.616 min
Delta R.T.: 0.027 min
Response: 57704290
Conc: 307.10 ng/ml



#21 AR-1248-1

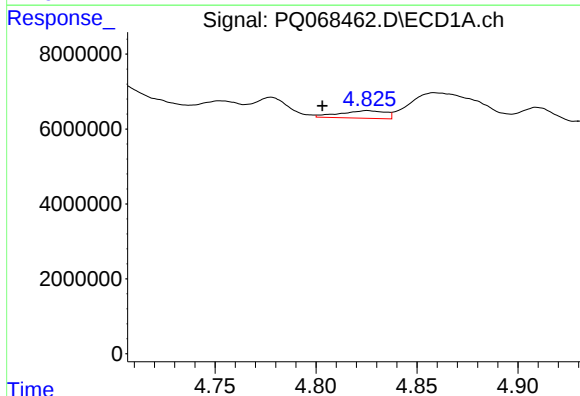
R.T.: 4.520 min
Delta R.T.: -0.018 min
Response: 3228755
Conc: 23.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



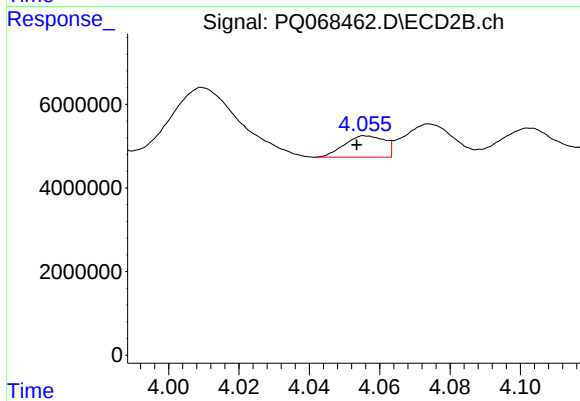
#21 AR-1248-1

R.T.: 3.833 min
Delta R.T.: 0.006 min
Response: 6294042
Conc: 44.06 ng/ml



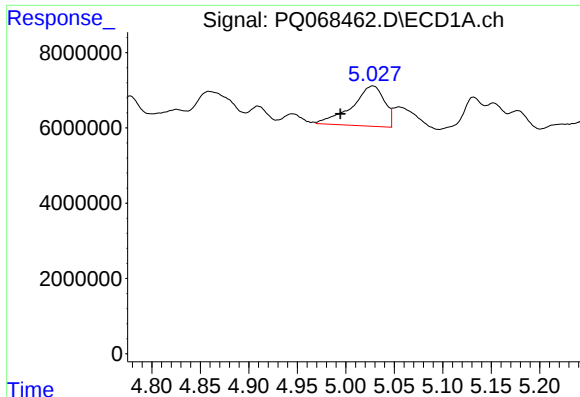
#22 AR-1248-2

R.T.: 4.826 min
Delta R.T.: 0.022 min
Response: 3157636
Conc: 16.21 ng/ml



#22 AR-1248-2

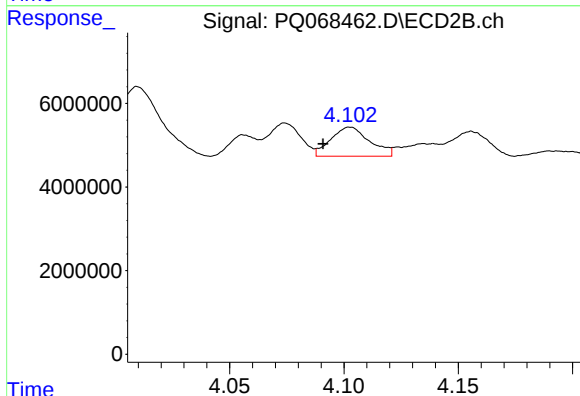
R.T.: 4.056 min
Delta R.T.: 0.002 min
Response: 4039103
Conc: 18.76 ng/ml



#23 AR-1248-3

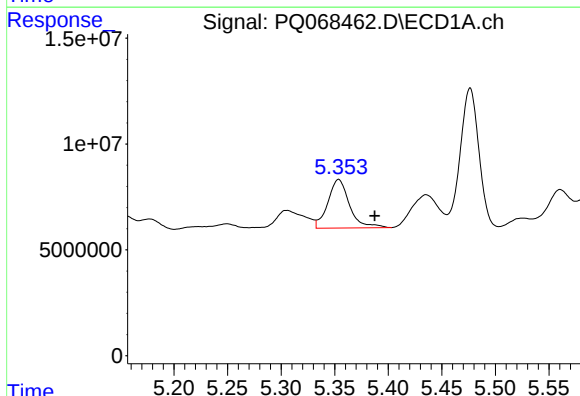
R.T.: 5.028 min
Delta R.T.: 0.033 min
Response: 24923701
Conc: 106.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



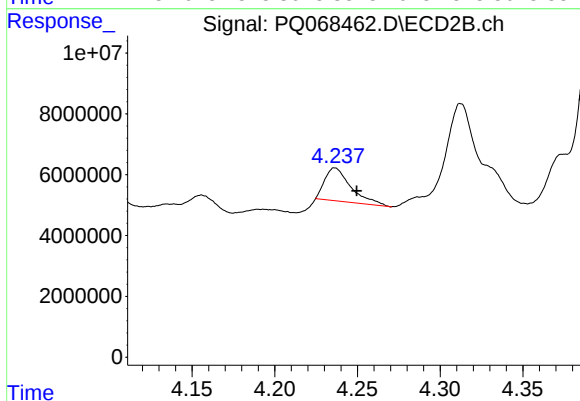
#23 AR-1248-3

R.T.: 4.103 min
Delta R.T.: 0.012 min
Response: 8259922
Conc: 39.79 ng/ml



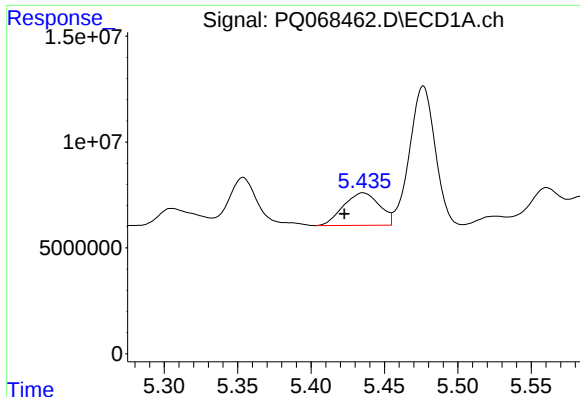
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.034 min
Response: 32106396
Conc: 124.35 ng/ml



#24 AR-1248-4

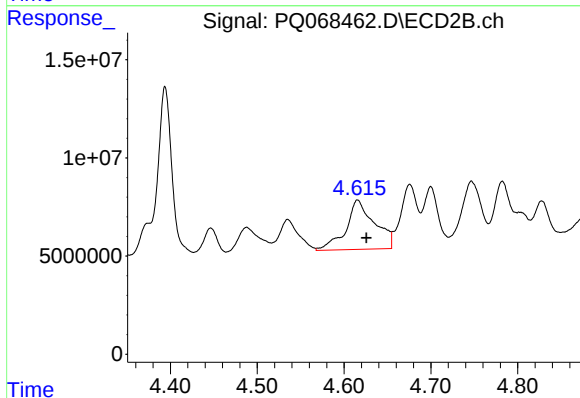
R.T.: 4.236 min
Delta R.T.: -0.013 min
Response: 11944871
Conc: 46.74 ng/ml



#25 AR-1248-5

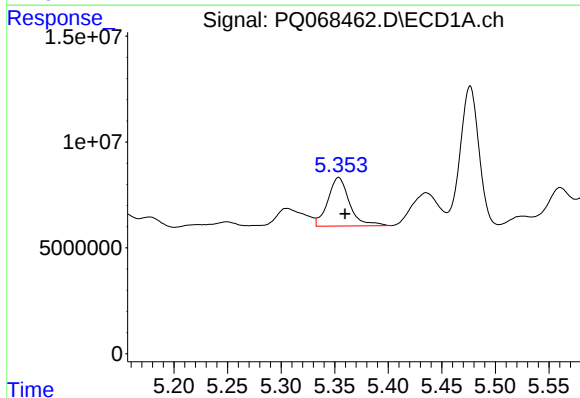
R.T.: 5.435 min
Delta R.T.: 0.013 min
Response: 26231512
Conc: 103.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



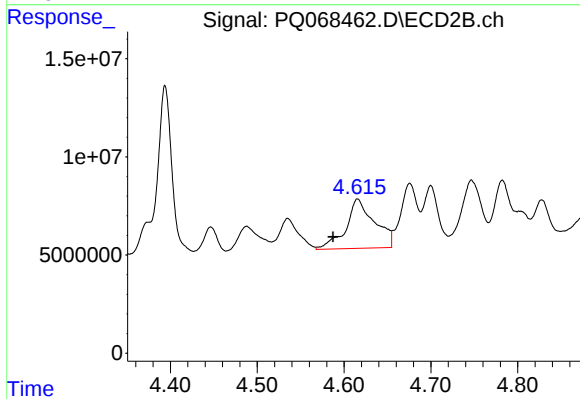
#25 AR-1248-5

R.T.: 4.616 min
Delta R.T.: -0.010 min
Response: 57704290
Conc: 225.98 ng/ml



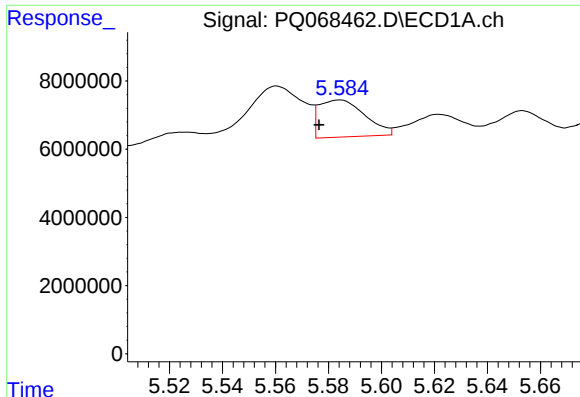
#26 AR-1254-1

R.T.: 5.354 min
Delta R.T.: -0.006 min
Response: 32106396
Conc: 125.33 ng/ml



#26 AR-1254-1

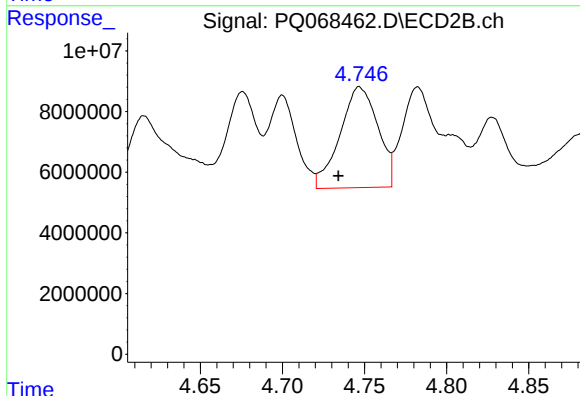
R.T.: 4.616 min
Delta R.T.: 0.028 min
Response: 57704290
Conc: 155.01 ng/ml



#27 AR-1254-2

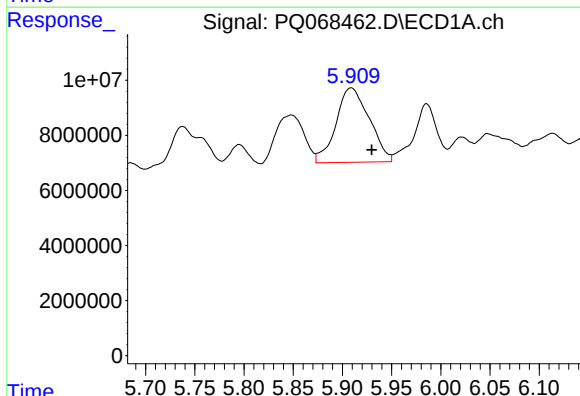
R.T.: 5.584 min
Delta R.T.: 0.008 min
Response: 13064934
Conc: 33.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



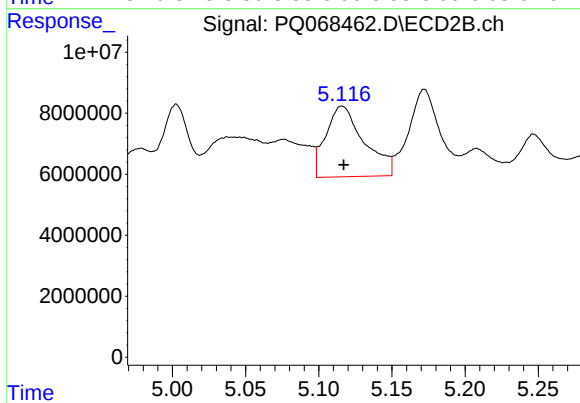
#27 AR-1254-2

R.T.: 4.747 min
Delta R.T.: 0.013 min
Response: 53359194
Conc: 160.01 ng/ml



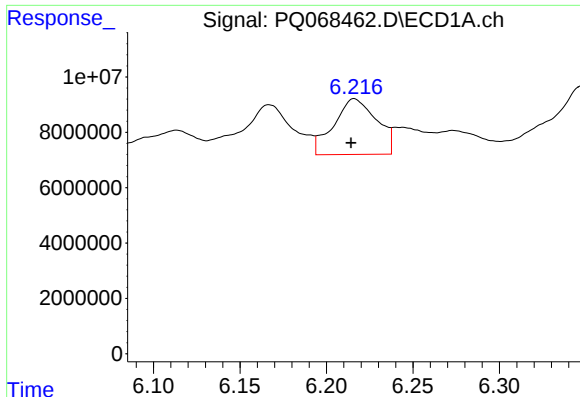
#28 AR-1254-3

R.T.: 5.909 min
Delta R.T.: -0.021 min
Response: 63822364
Conc: 156.94 ng/ml



#28 AR-1254-3

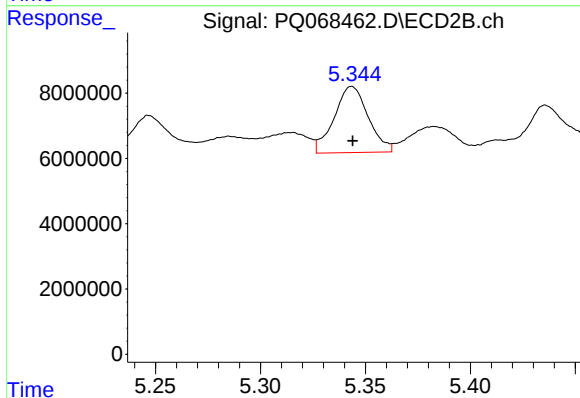
R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 42218720
Conc: 82.18 ng/ml



#29 AR-1254-4

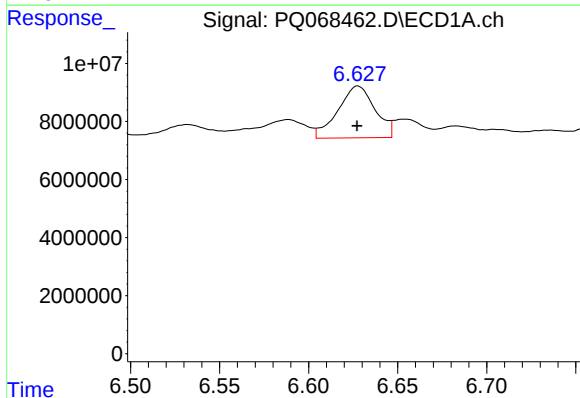
R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 34698229
Conc: 120.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



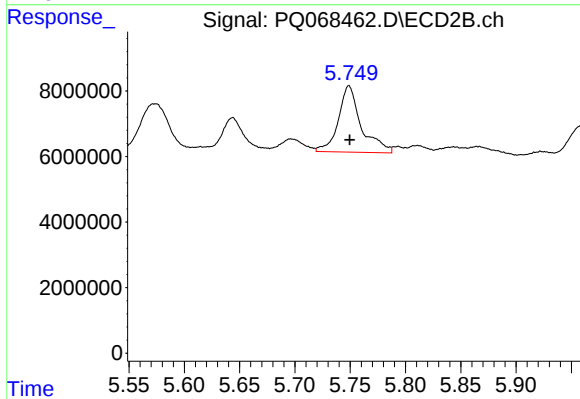
#29 AR-1254-4

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 22931023
Conc: 72.98 ng/ml



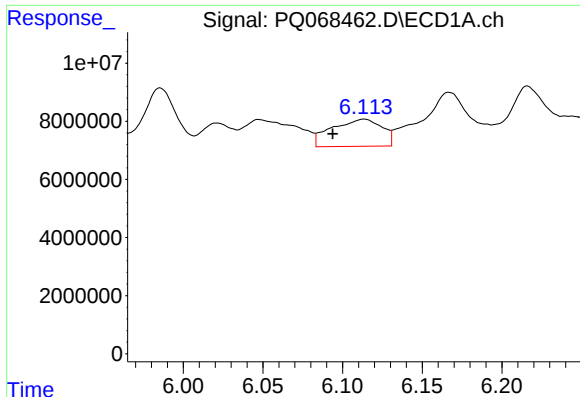
#30 AR-1254-5

R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 25922229
Conc: 79.28 ng/ml



#30 AR-1254-5

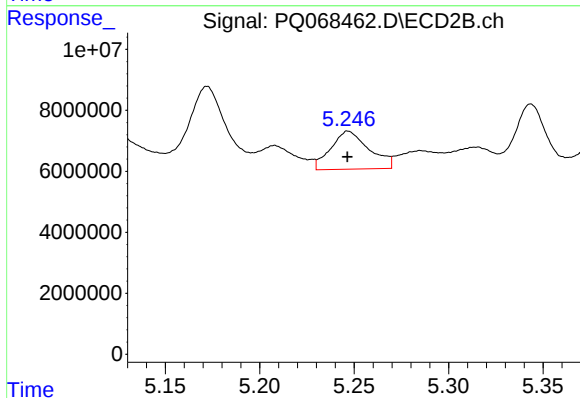
R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 29156200
Conc: 61.05 ng/ml



#31 AR-1260-1

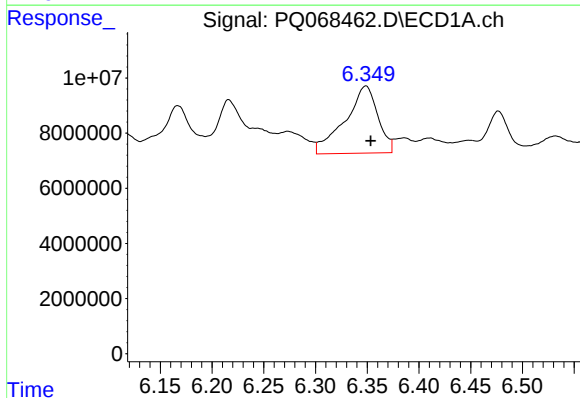
R.T.: 6.113 min
Delta R.T.: 0.020 min
Response: 20522366
Conc: 61.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



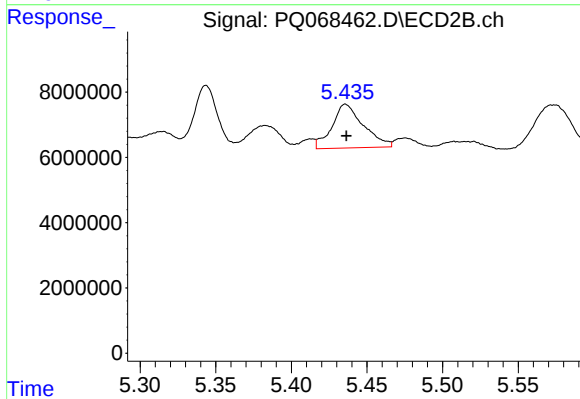
#31 AR-1260-1

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 17626805
Conc: 45.90 ng/ml



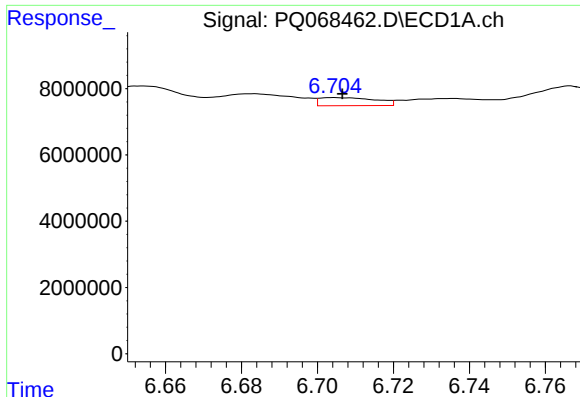
#32 AR-1260-2

R.T.: 6.349 min
Delta R.T.: -0.004 min
Response: 53988587
Conc: 144.04 ng/ml



#32 AR-1260-2

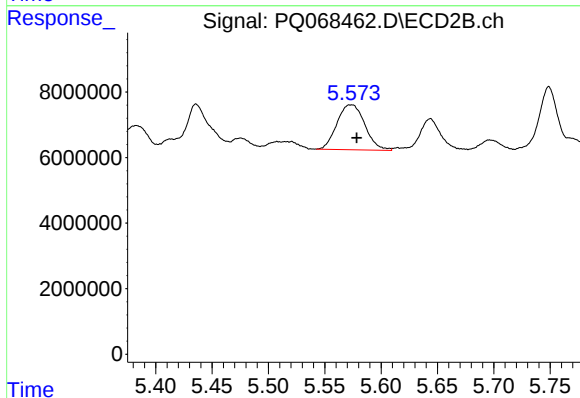
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 19438427
Conc: 42.65 ng/ml



#33 AR-1260-3

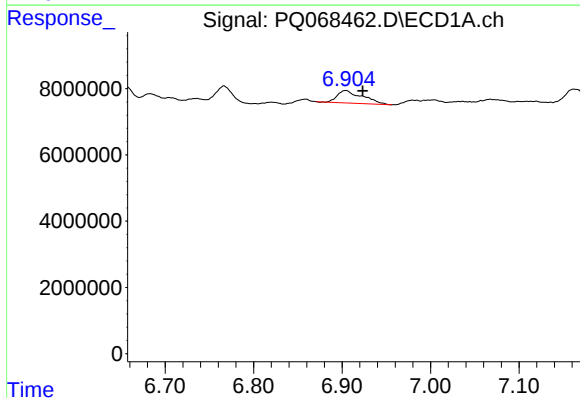
R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 2532324
Conc: 10.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



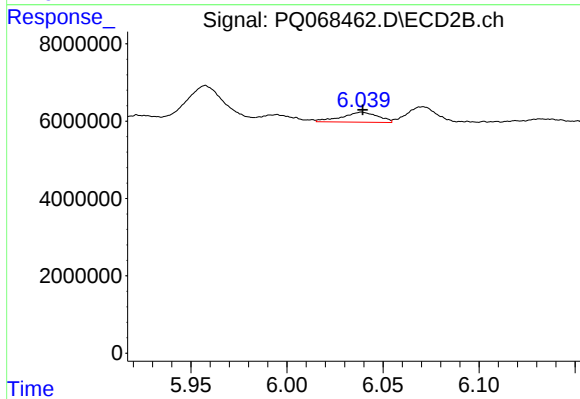
#33 AR-1260-3

R.T.: 5.572 min
Delta R.T.: -0.006 min
Response: 23621156
Conc: 54.20 ng/ml



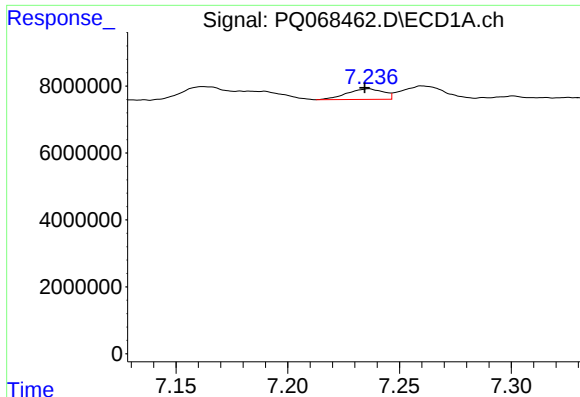
#34 AR-1260-4

R.T.: 6.904 min
Delta R.T.: -0.019 min
Response: 7481025
Conc: 27.00 ng/ml



#34 AR-1260-4

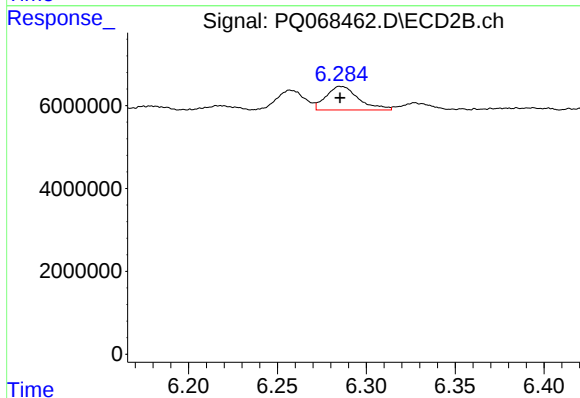
R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 3418322
Conc: 10.64 ng/ml



#35 AR-1260-5

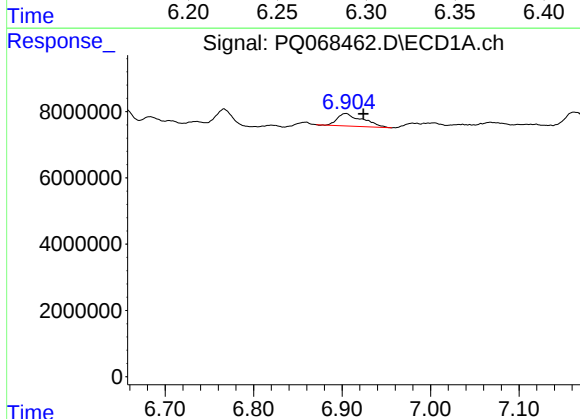
R.T.: 7.236 min
Delta R.T.: 0.002 min
Response: 3567865
Conc: 6.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



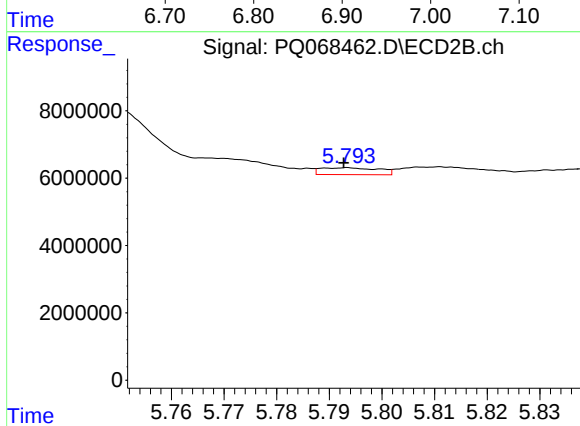
#35 AR-1260-5

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 7279733
Conc: 9.99 ng/ml



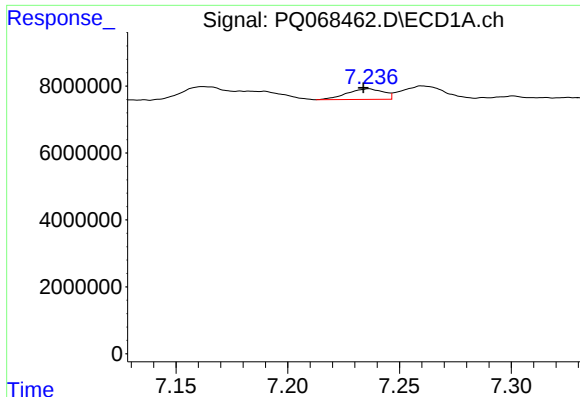
#36 AR-1262-1

R.T.: 6.904 min
Delta R.T.: -0.020 min
Response: 7481025
Conc: 21.16 ng/ml



#36 AR-1262-1

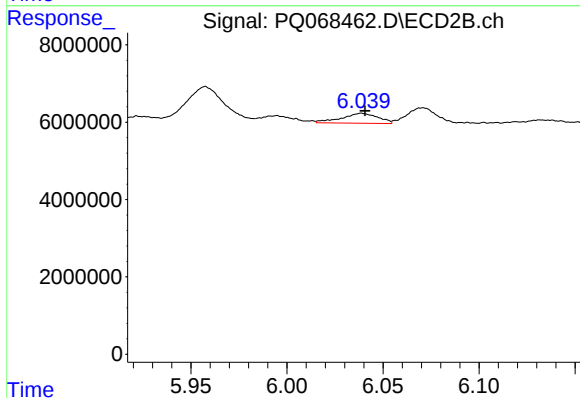
R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 1550983
Conc: 3.20 ng/ml



#37 AR-1262-2

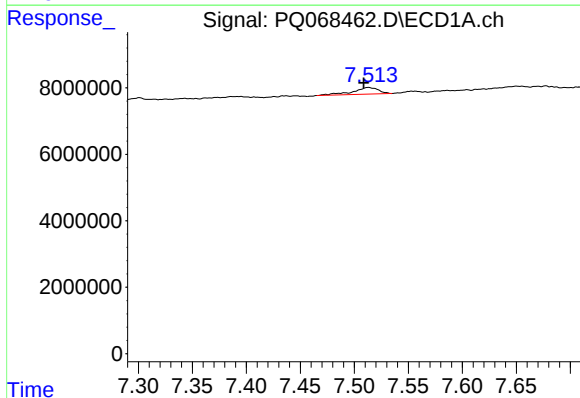
R.T.: 7.236 min
Delta R.T.: 0.002 min
Response: 3567865
Conc: 5.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



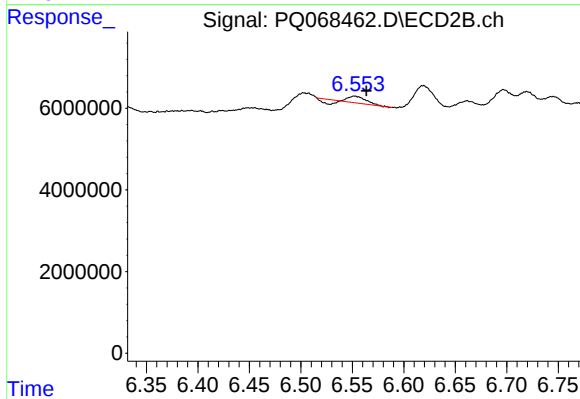
#37 AR-1262-2

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 3418322
Conc: 7.68 ng/ml



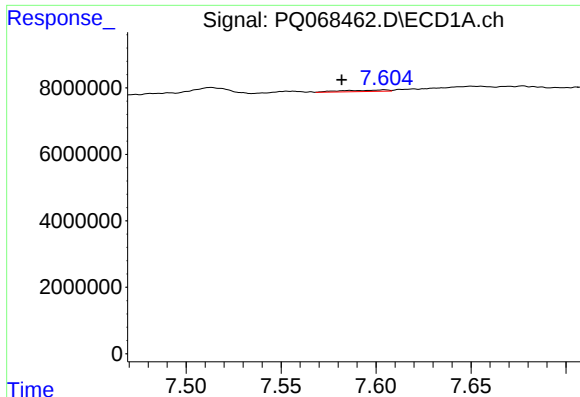
#38 AR-1262-3

R.T.: 7.513 min
Delta R.T.: 0.004 min
Response: 3297856
Conc: 7.67 ng/ml



#38 AR-1262-3

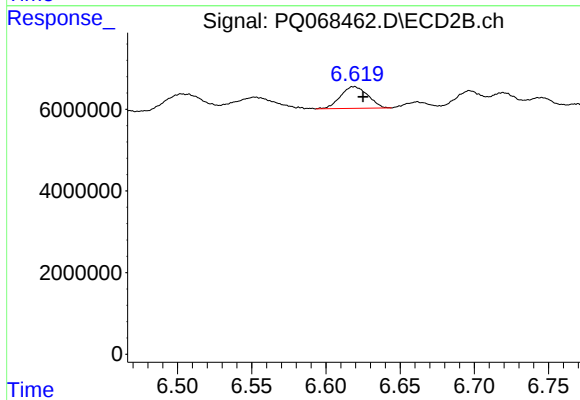
R.T.: 6.552 min
Delta R.T.: -0.012 min
Response: 1261785
Conc: 3.56 ng/ml



#39 AR-1262-4

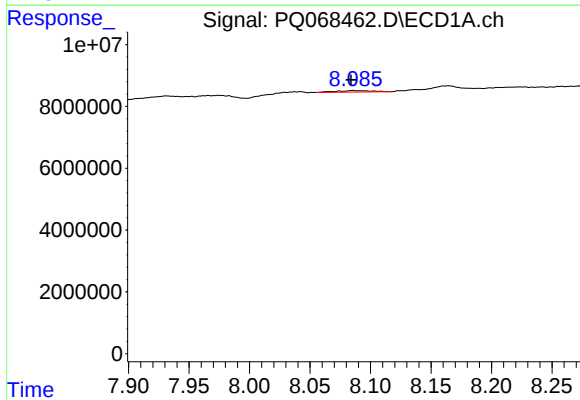
R.T.: 7.604 min
Delta R.T.: 0.022 min
Response: 734972
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



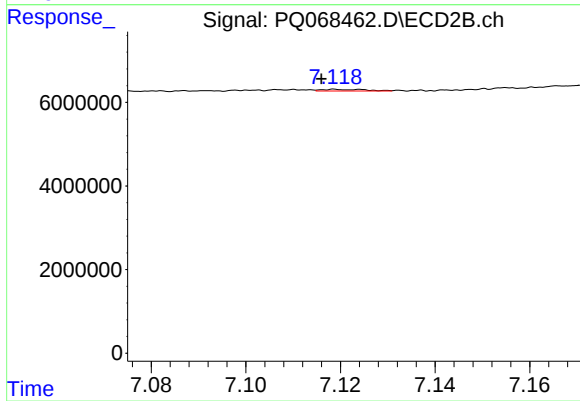
#39 AR-1262-4

R.T.: 6.619 min
Delta R.T.: -0.006 min
Response: 6849511
Conc: 10.34 ng/ml



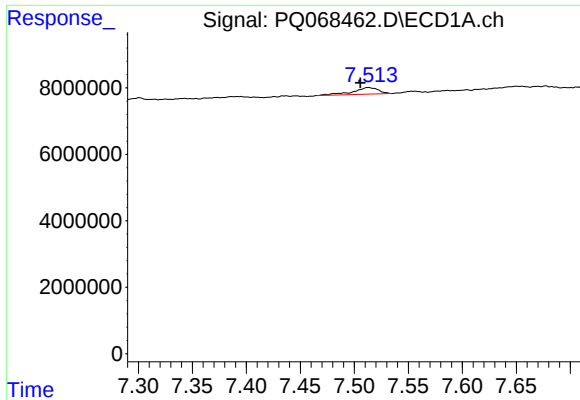
#40 AR-1262-5

R.T.: 8.085 min
Delta R.T.: 0.001 min
Response: 972939
Conc: 4.62 ng/ml



#40 AR-1262-5

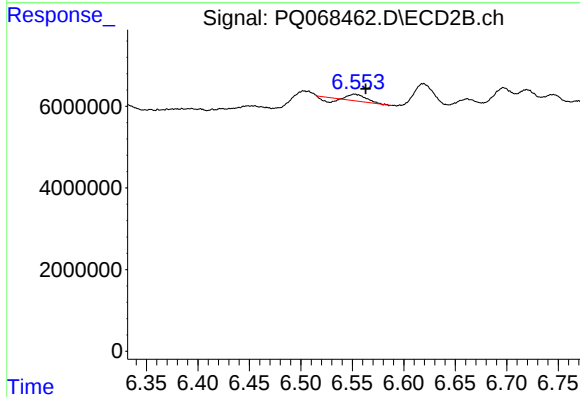
R.T.: 7.119 min
Delta R.T.: 0.003 min
Response: 257098
Conc: 0.84 ng/ml



#41 AR-1268-1

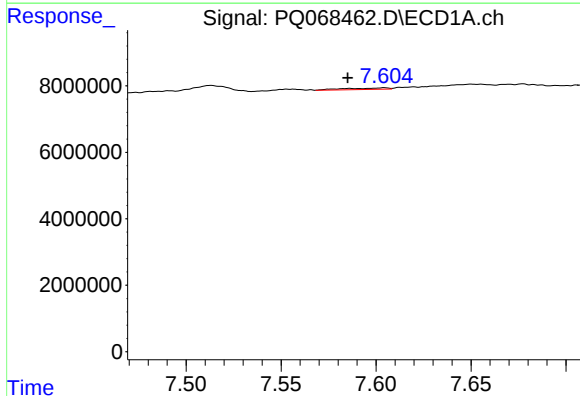
R.T.: 7.513 min
Delta R.T.: 0.008 min
Response: 3297856
Conc: 4.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



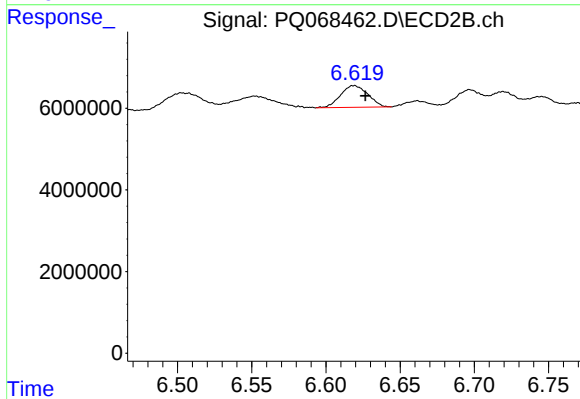
#41 AR-1268-1

R.T.: 6.552 min
Delta R.T.: -0.011 min
Response: 1261785
Conc: 1.24 ng/ml



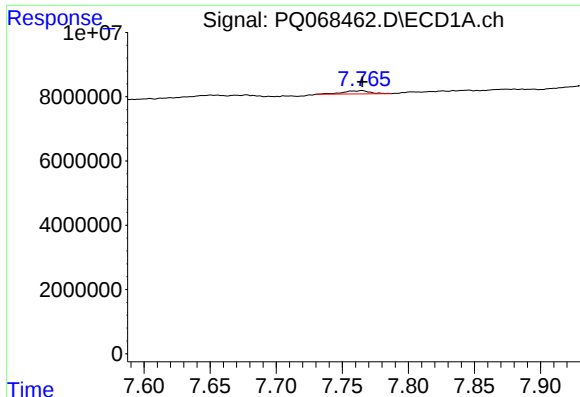
#42 AR-1268-2

R.T.: 7.604 min
Delta R.T.: 0.019 min
Response: 734972
Conc: 1.11 ng/ml



#42 AR-1268-2

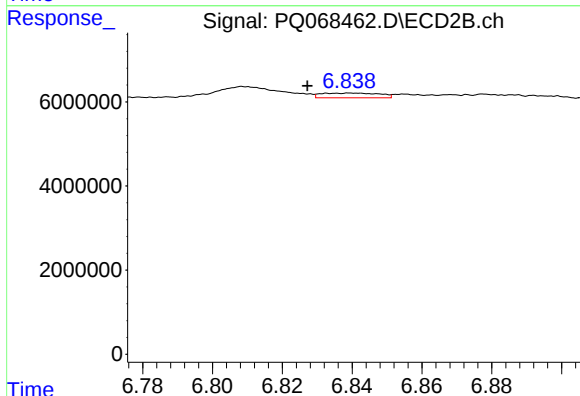
R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 6849511
Conc: 7.55 ng/ml



#43 AR-1268-3

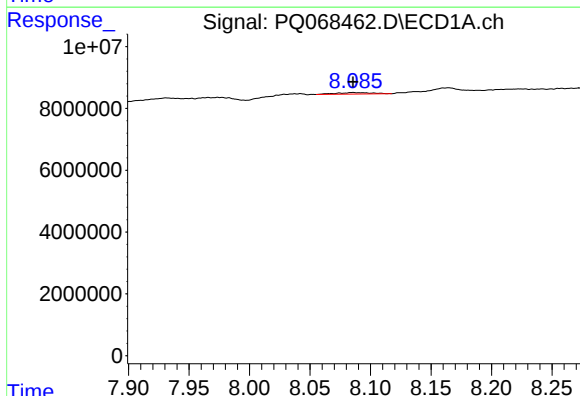
R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 1425494
Conc: 2.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



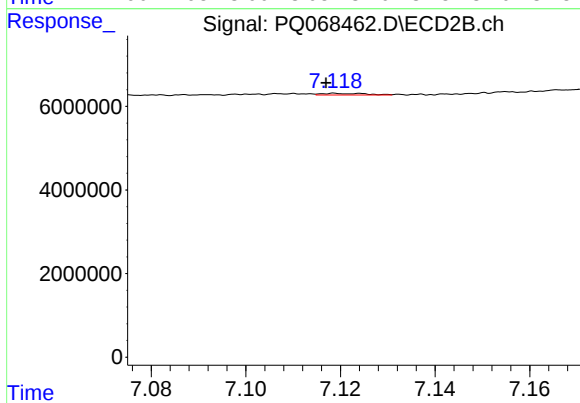
#43 AR-1268-3

R.T.: 6.839 min
Delta R.T.: 0.012 min
Response: 1292763
Conc: 1.63 ng/ml



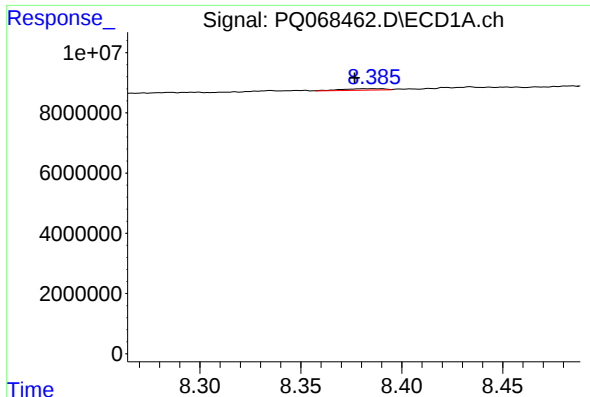
#44 AR-1268-4

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 972939
Conc: 4.51 ng/ml



#44 AR-1268-4

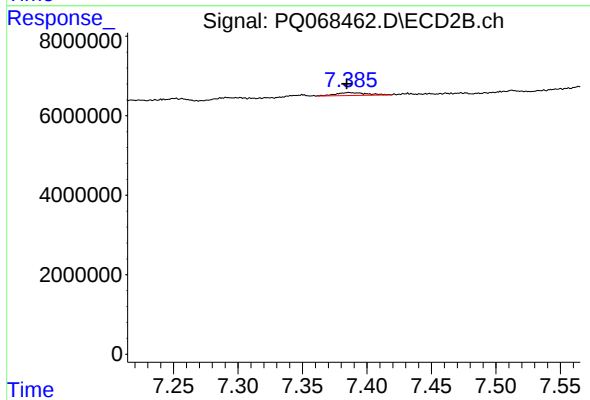
R.T.: 7.119 min
Delta R.T.: 0.002 min
Response: 257098
Conc: 0.81 ng/ml



#45 AR-1268-5

R.T.: 8.386 min
Delta R.T.: 0.009 min
Response: 728313
Conc: 0.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
2



#45 AR-1268-5

R.T.: 7.386 min
Delta R.T.: 0.002 min
Response: 1236666
Conc: 0.52 ng/ml