

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
 Data File : PQ068467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2024 00:47
 Operator : YP\AJ
 Sample : P3897-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 07:02:43 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	118.2E6	129.0E6	16.556	18.105
2)	SA Decachlor...	8.610	7.599	73521860	117.6E6	16.870	17.802
Target Compounds							
3)	L1 AR-1016-1	4.535	3.833	2827016	5107387	12.099	21.508 #
4)	L1 AR-1016-2	4.565	3.833	7318374	5107387	19.933	14.134 #
5)	L1 AR-1016-3	4.597	4.009	32561821	17252735	144.057	88.825 #
6)	L1 AR-1016-4	4.704	4.056	22545980	2933250	118.418	18.163 #
7)	L1 AR-1016-5	5.029f	4.236	30576580	8282772	172.938	42.883 #
8)	L2 AR-1221-1	3.627	3.009	10378799	6950063	123.652	76.282 #
9)	L2 AR-1221-2	3.711	3.092	21310113	12361822	329.295	171.154 #
10)	L2 AR-1221-3	3.791	3.168	17424043	18506479	88.518	91.408
11)	L3 AR-1232-1	3.791	3.168	17424043	18506479	108.555	113.794
12)	L3 AR-1232-2	4.286	3.833	7824742	5107387	88.705	32.460 #
13)	L3 AR-1232-3	4.565	4.009	7318374	17252735	45.440	207.413 #
14)	L3 AR-1232-4	4.704	4.101	22545980	5967643	281.711	84.535 #
15)	L3 AR-1232-5	4.811	4.236	3813346	8282772	70.754	104.808 #
16)	L4 AR-1242-1	4.535	3.833	2827016	5107387	15.647	27.961 #
17)	L4 AR-1242-2	4.565	3.833	7318374	5107387	26.290	18.886 #
18)	L4 AR-1242-3	4.597	4.009	32561821	17252735	189.409	117.232 #
19)	L4 AR-1242-4	4.704	4.101	22545980	5967643	158.888	42.778 #
20)	L4 AR-1242-5	5.435	4.590	19111906	5655441	132.611	30.098 #
21)	L5 AR-1248-1	4.535	3.833	2827016	5107387	20.172	35.756 #
22)	L5 AR-1248-2	4.811	4.056	3813346	2933250	19.581	13.623 #
23)	L5 AR-1248-3	5.029f	4.101	30576580	5967643	130.306	28.748 #
24)	L5 AR-1248-4	5.353f	4.236	20824178	8282772	80.651	32.410 #
25)	L5 AR-1248-5	5.435	4.615	19111906	41422573	75.466	162.214 #
26)	L6 AR-1254-1	5.353	4.590	20824178	5655441	81.287	15.193 #
27)	L6 AR-1254-2	5.580	4.746	9030226	42243478	23.080	126.676 #
28)	L6 AR-1254-3	5.908	5.116	47878445	31808054	117.732	61.913 #
29)	L6 AR-1254-4	6.216	5.343	34532550	21063333	119.892	67.036 #
30)	L6 AR-1254-5	6.627	5.749	20460042	23641372	62.576	49.506
31)	L7 AR-1260-1	6.114	5.247	15720884	18277490	47.274	47.600
32)	L7 AR-1260-2	6.350	5.436	37835053	16188349	100.940	35.517 #
33)	L7 AR-1260-3	6.706	5.573	1880252	17993150	8.001	41.286 #
34)	L7 AR-1260-4	6.903	6.038	6228619	2169019	22.477	6.751 #
35)	L7 AR-1260-5	7.236	6.287	3111735	6432356	5.822	8.827 #
36)	L8 AR-1262-1	6.903	5.794	6228619	803534	17.615	1.656 #
37)	L8 AR-1262-2	7.236	6.038	3111735	2169019	4.765	4.870
38)	L8 AR-1262-3	7.515	6.578	4029454	129061	9.377	0.364 #
39)	L8 AR-1262-4	7.592	6.618	1592134	6381107	4.774	9.634 #
40)	L8 AR-1262-5	8.082	7.113	608986	137822	2.891	0.450 #
41)	L9 AR-1268-1	7.515	6.549	4029454	2713576	5.585	2.667 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090924\
Data File : PQ068467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2024 00:47
Operator : YP\AJ
Sample : P3897-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

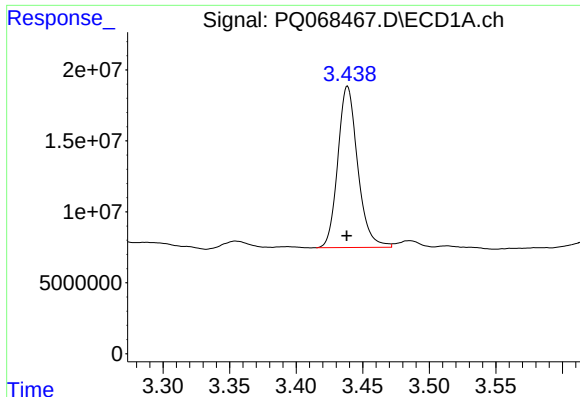
Instrument :
ECD_Q
ClientSampleId :
7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 07:02:43 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	7.592	6.618	1592134	6381107	2.412	7.031 #
43)	L9 AR-1268-3	7.764	6.832	700649	598627	1.293	0.754 #
44)	L9 AR-1268-4	8.082	7.113	608986	137822	2.825	0.436 #
45)	L9 AR-1268-5	8.390	7.383	627291	402401	0.397	0.170 #

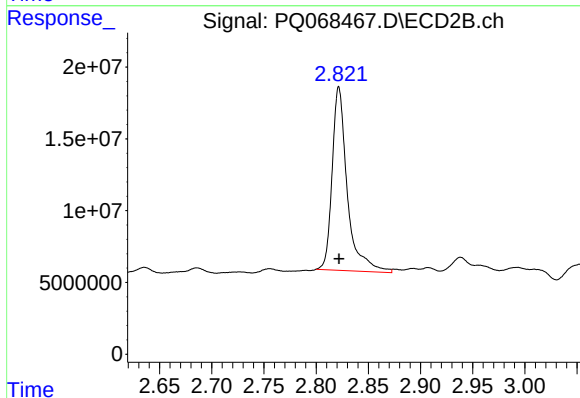
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

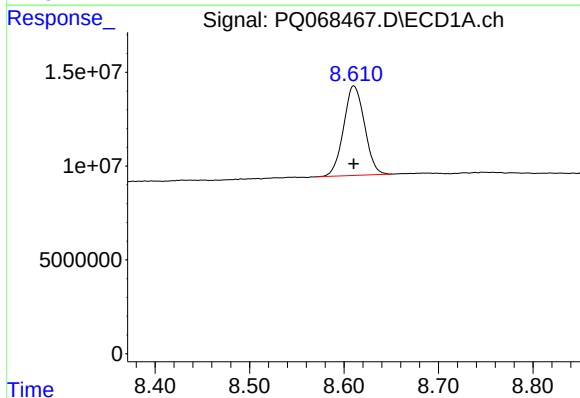
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 118217967
Conc: 16.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



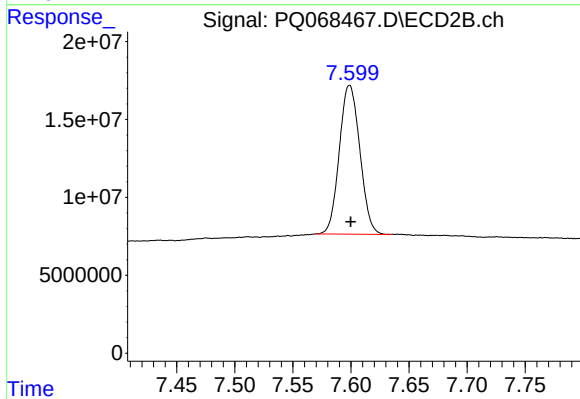
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 128952308
Conc: 18.11 ng/ml



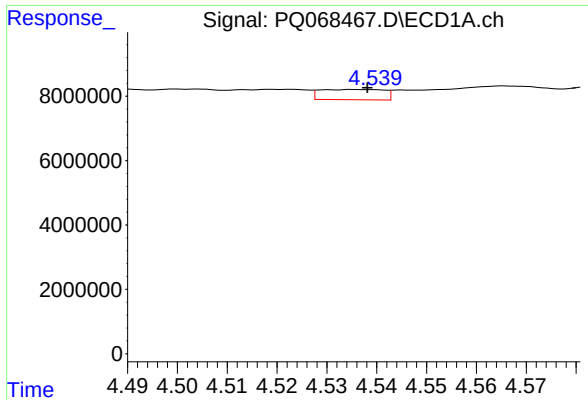
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 73521860
Conc: 16.87 ng/ml



#2 Decachlorobiphenyl

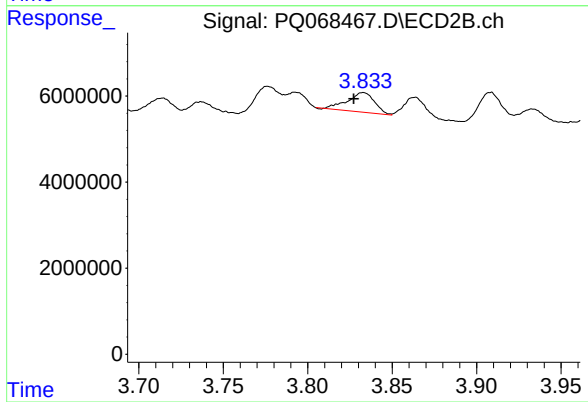
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 117561861
Conc: 17.80 ng/ml



#3 AR-1016-1

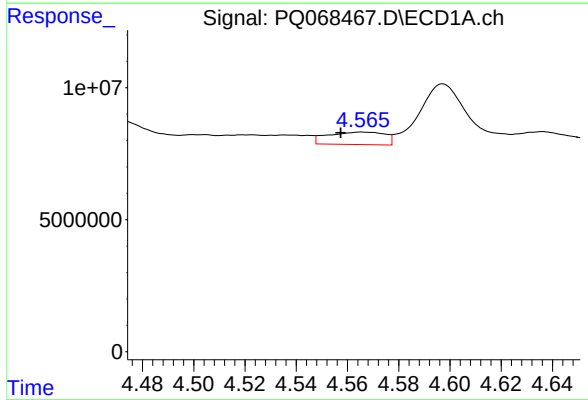
R.T.: 4.535 min
Delta R.T.: -0.003 min
Response: 2827016
Conc: 12.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



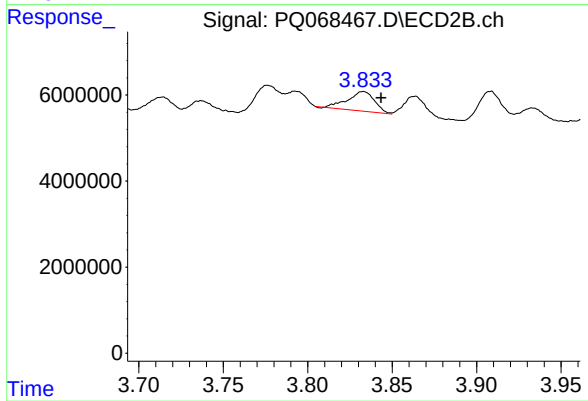
#3 AR-1016-1

R.T.: 3.833 min
Delta R.T.: 0.006 min
Response: 5107387
Conc: 21.51 ng/ml



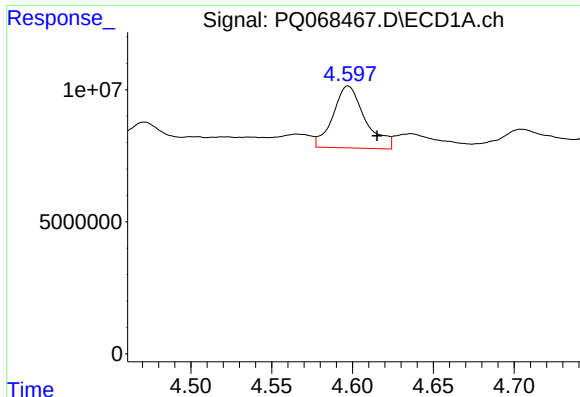
#4 AR-1016-2

R.T.: 4.565 min
Delta R.T.: 0.008 min
Response: 7318374
Conc: 19.93 ng/ml



#4 AR-1016-2

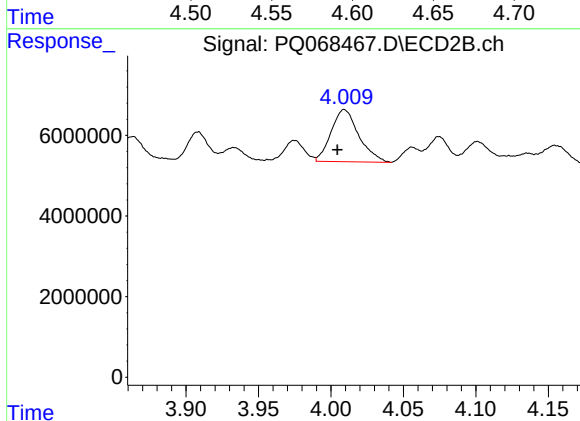
R.T.: 3.833 min
Delta R.T.: -0.010 min
Response: 5107387
Conc: 14.13 ng/ml



#5 AR-1016-3

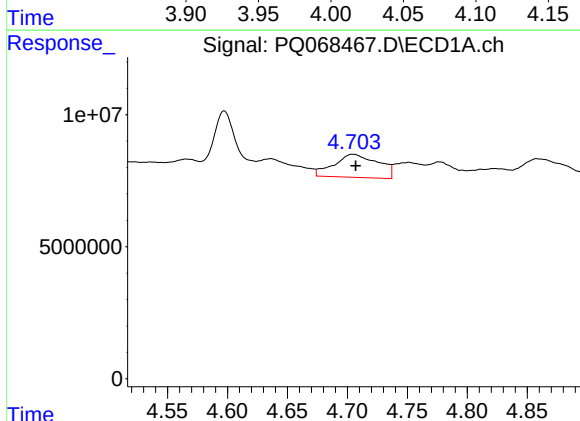
R.T.: 4.597 min
Delta R.T.: -0.018 min
Response: 32561821
Conc: 144.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



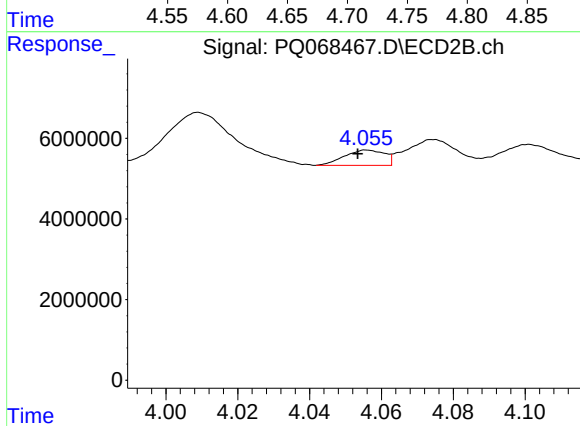
#5 AR-1016-3

R.T.: 4.009 min
Delta R.T.: 0.005 min
Response: 17252735
Conc: 88.83 ng/ml



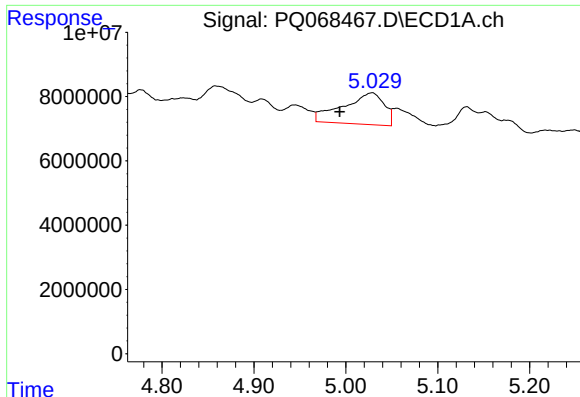
#6 AR-1016-4

R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 22545980
Conc: 118.42 ng/ml



#6 AR-1016-4

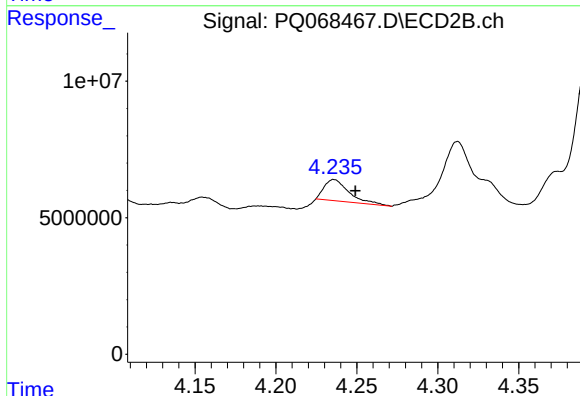
R.T.: 4.056 min
Delta R.T.: 0.002 min
Response: 2933250
Conc: 18.16 ng/ml



#7 AR-1016-5

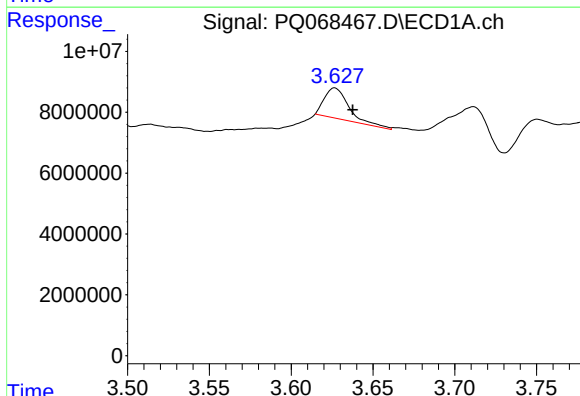
R.T.: 5.029 min
Delta R.T.: 0.036 min
Response: 30576580
Conc: 172.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



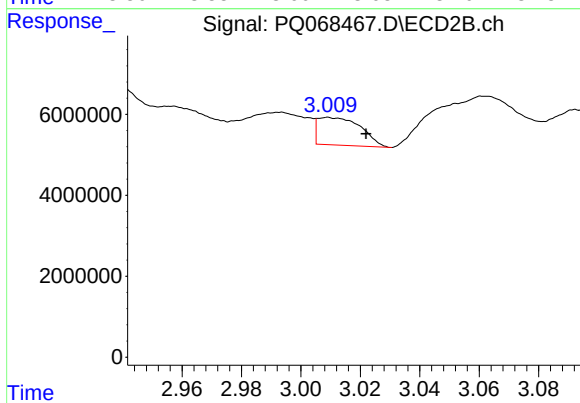
#7 AR-1016-5

R.T.: 4.236 min
Delta R.T.: -0.014 min
Response: 8282772
Conc: 42.88 ng/ml



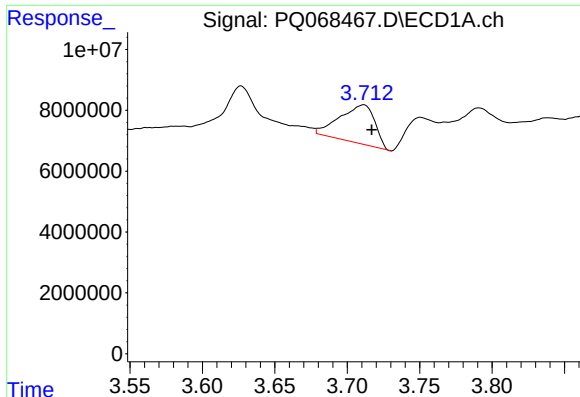
#8 AR-1221-1

R.T.: 3.627 min
Delta R.T.: -0.011 min
Response: 10378799
Conc: 123.65 ng/ml



#8 AR-1221-1

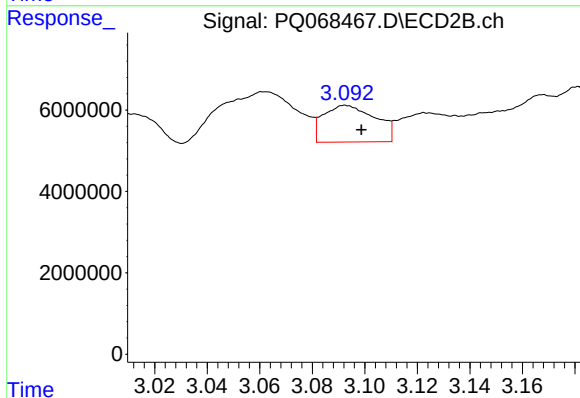
R.T.: 3.009 min
Delta R.T.: -0.013 min
Response: 6950063
Conc: 76.28 ng/ml



#9 AR-1221-2

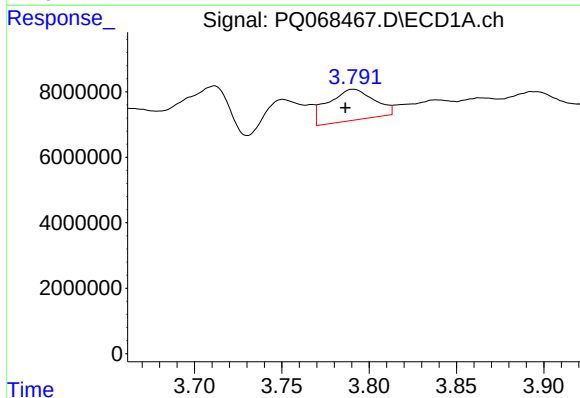
R.T.: 3.711 min
Delta R.T.: -0.006 min
Response: 21310113
Conc: 329.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



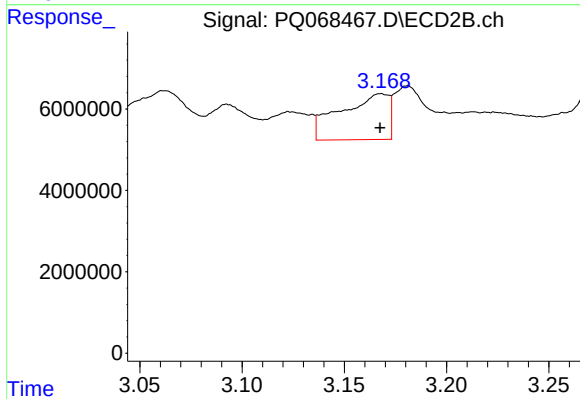
#9 AR-1221-2

R.T.: 3.092 min
Delta R.T.: -0.006 min
Response: 12361822
Conc: 171.15 ng/ml



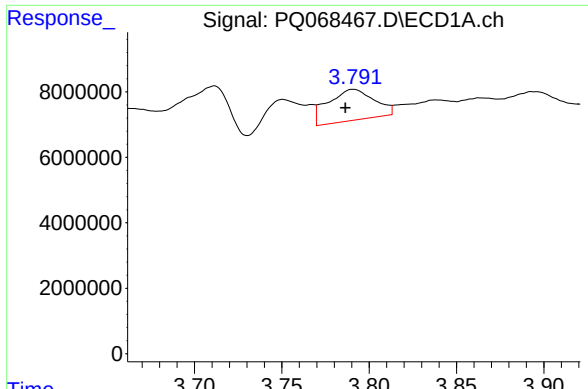
#10 AR-1221-3

R.T.: 3.791 min
Delta R.T.: 0.004 min
Response: 17424043
Conc: 88.52 ng/ml



#10 AR-1221-3

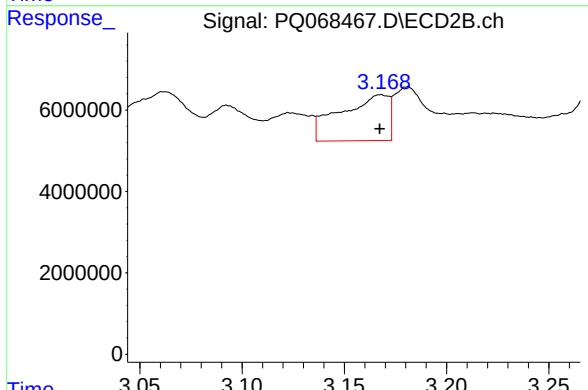
R.T.: 3.168 min
Delta R.T.: 0.000 min
Response: 18506479
Conc: 91.41 ng/ml



#11 AR-1232-1

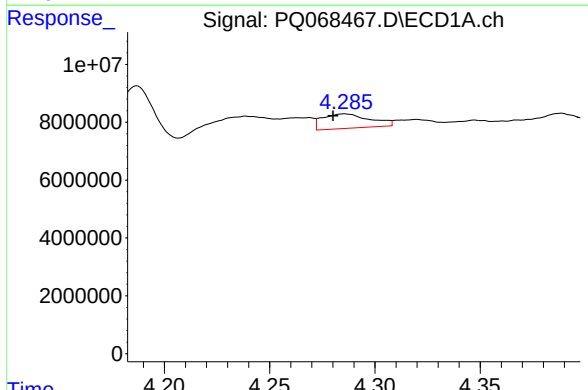
R.T.: 3.791 min
Delta R.T.: 0.004 min
Response: 17424043
Conc: 108.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



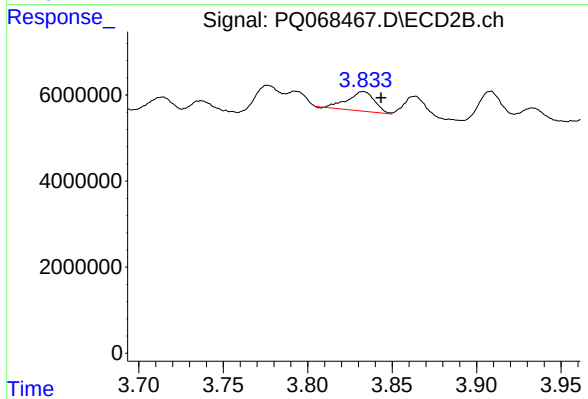
#11 AR-1232-1

R.T.: 3.168 min
Delta R.T.: 0.000 min
Response: 18506479
Conc: 113.79 ng/ml



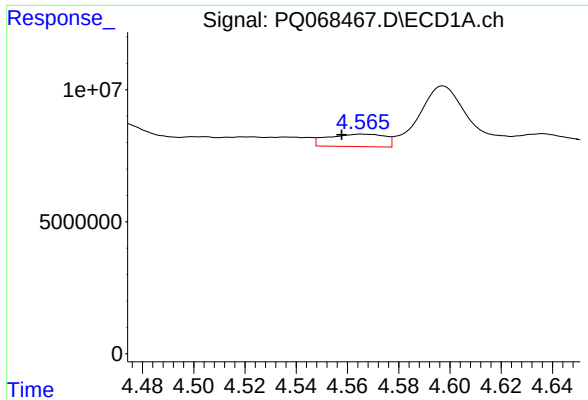
#12 AR-1232-2

R.T.: 4.286 min
Delta R.T.: 0.005 min
Response: 7824742
Conc: 88.70 ng/ml



#12 AR-1232-2

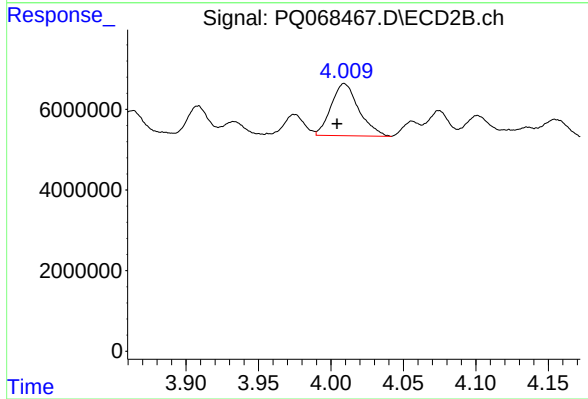
R.T.: 3.833 min
Delta R.T.: -0.010 min
Response: 5107387
Conc: 32.46 ng/ml



#13 AR-1232-3

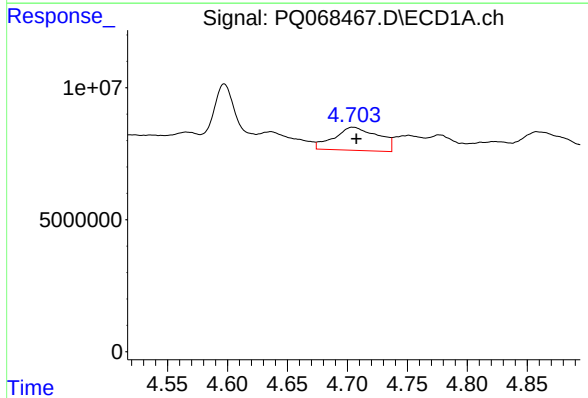
R.T.: 4.565 min
Delta R.T.: 0.008 min
Response: 7318374
Conc: 45.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



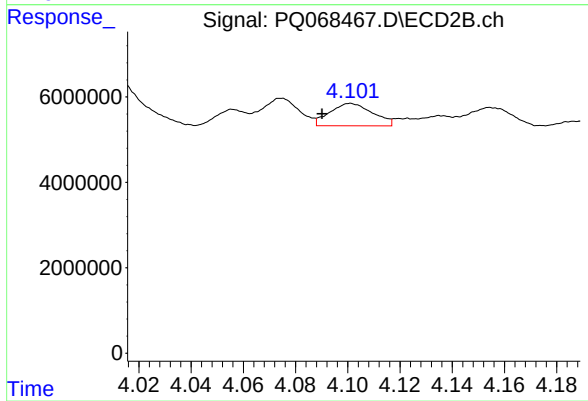
#13 AR-1232-3

R.T.: 4.009 min
Delta R.T.: 0.005 min
Response: 17252735
Conc: 207.41 ng/ml



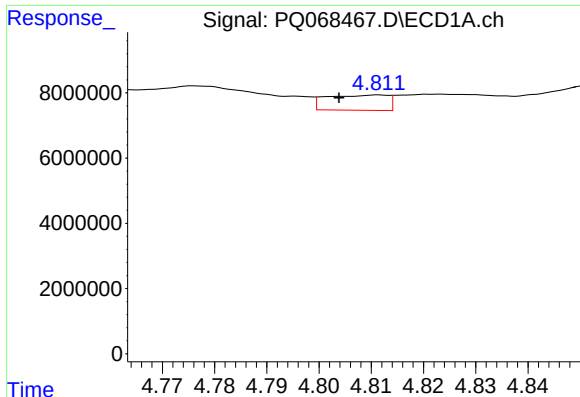
#14 AR-1232-4

R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 22545980
Conc: 281.71 ng/ml



#14 AR-1232-4

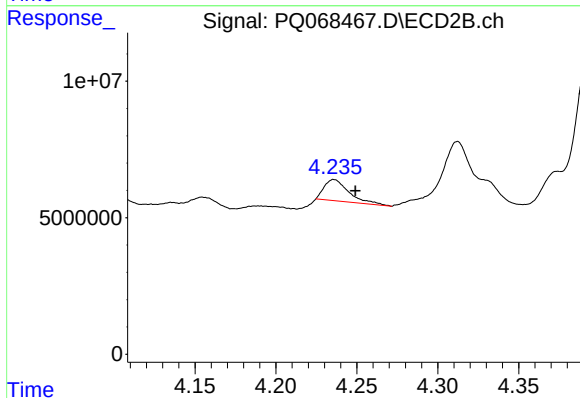
R.T.: 4.101 min
Delta R.T.: 0.011 min
Response: 5967643
Conc: 84.53 ng/ml



#15 AR-1232-5

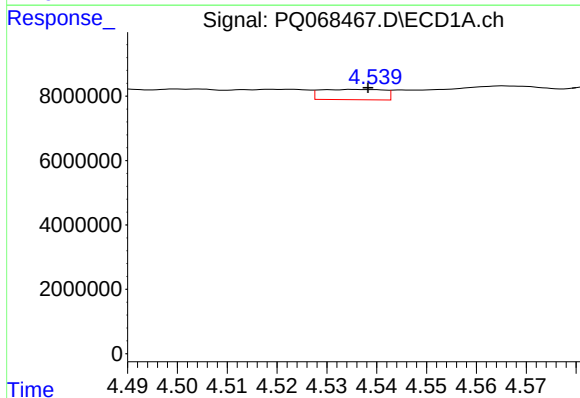
R.T.: 4.811 min
Delta R.T.: 0.008 min
Response: 3813346
Conc: 70.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



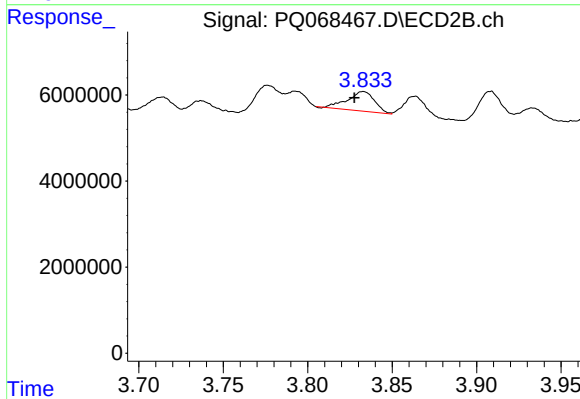
#15 AR-1232-5

R.T.: 4.236 min
Delta R.T.: -0.013 min
Response: 8282772
Conc: 104.81 ng/ml



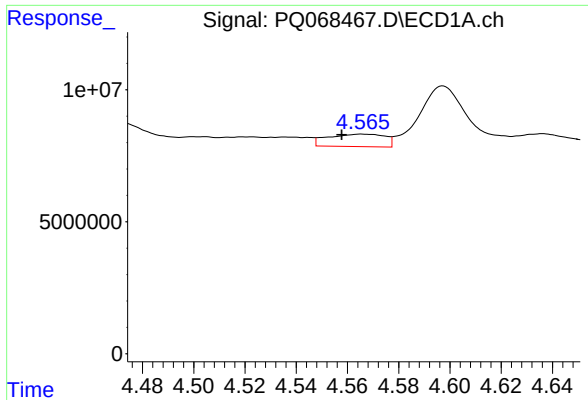
#16 AR-1242-1

R.T.: 4.535 min
Delta R.T.: -0.003 min
Response: 2827016
Conc: 15.65 ng/ml



#16 AR-1242-1

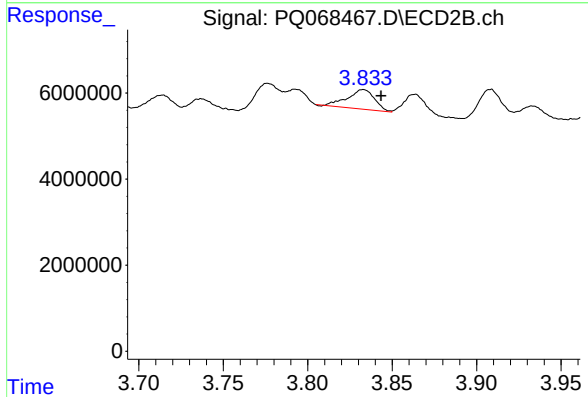
R.T.: 3.833 min
Delta R.T.: 0.005 min
Response: 5107387
Conc: 27.96 ng/ml



#17 AR-1242-2

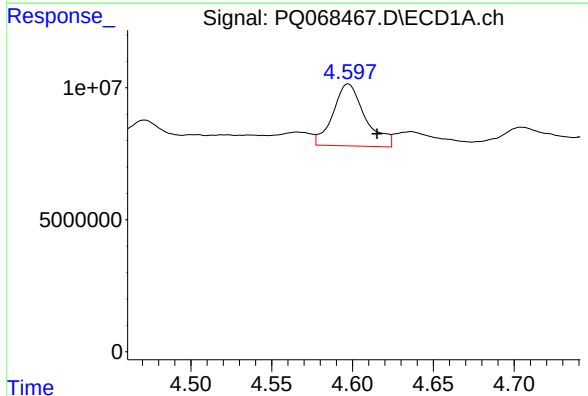
R.T.: 4.565 min
Delta R.T.: 0.008 min
Response: 7318374
Conc: 26.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



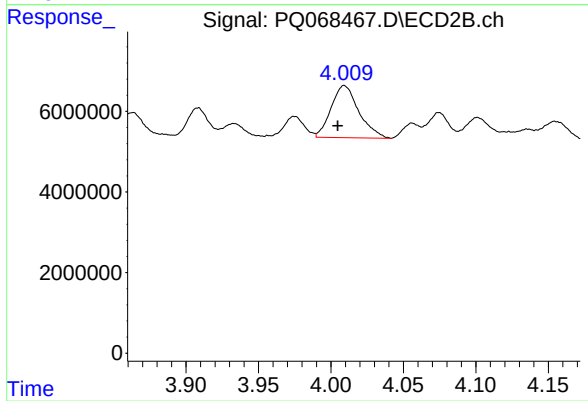
#17 AR-1242-2

R.T.: 3.833 min
Delta R.T.: -0.010 min
Response: 5107387
Conc: 18.89 ng/ml



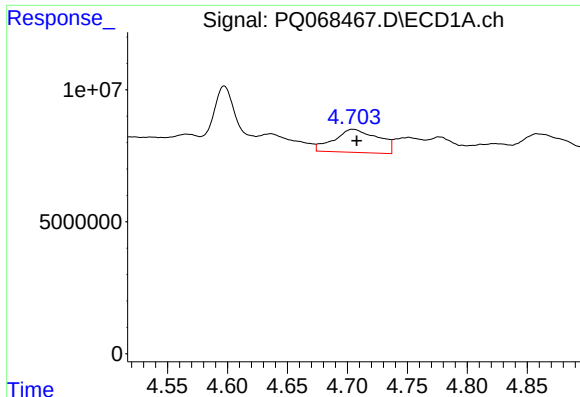
#18 AR-1242-3

R.T.: 4.597 min
Delta R.T.: -0.018 min
Response: 32561821
Conc: 189.41 ng/ml



#18 AR-1242-3

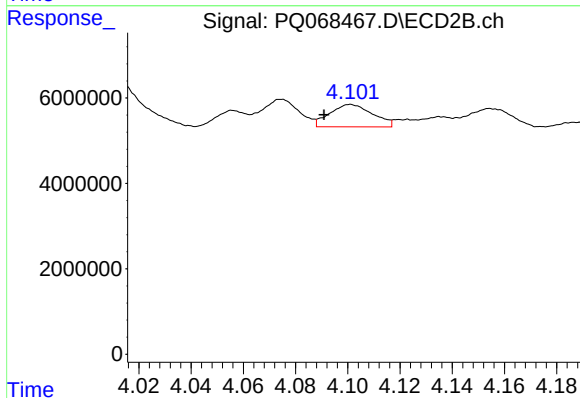
R.T.: 4.009 min
Delta R.T.: 0.004 min
Response: 17252735
Conc: 117.23 ng/ml



#19 AR-1242-4

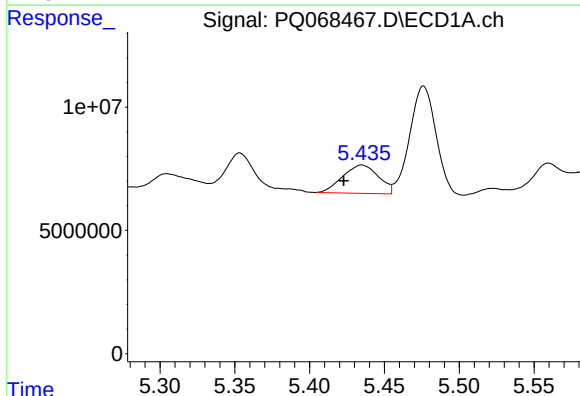
R.T.: 4.704 min
Delta R.T.: -0.004 min
Response: 22545980
Conc: 158.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



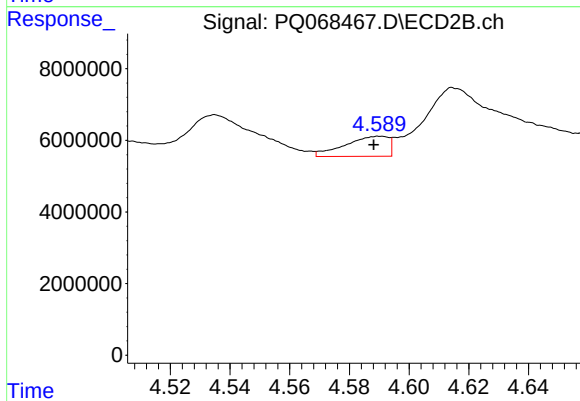
#19 AR-1242-4

R.T.: 4.101 min
Delta R.T.: 0.010 min
Response: 5967643
Conc: 42.78 ng/ml



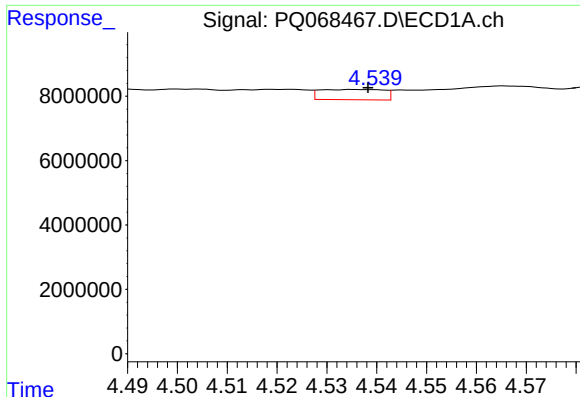
#20 AR-1242-5

R.T.: 5.435 min
Delta R.T.: 0.012 min
Response: 19111906
Conc: 132.61 ng/ml



#20 AR-1242-5

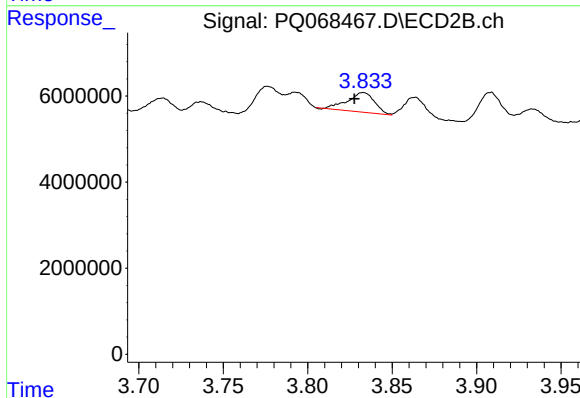
R.T.: 4.590 min
Delta R.T.: 0.002 min
Response: 5655441
Conc: 30.10 ng/ml



#21 AR-1248-1

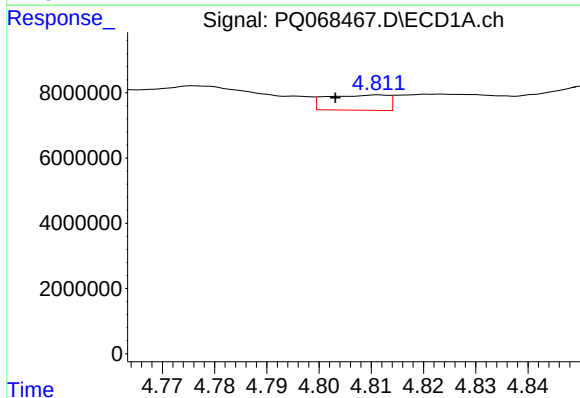
R.T.: 4.535 min
Delta R.T.: -0.003 min
Response: 2827016
Conc: 20.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



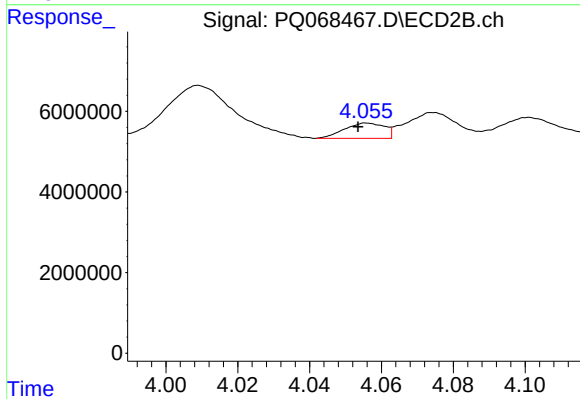
#21 AR-1248-1

R.T.: 3.833 min
Delta R.T.: 0.005 min
Response: 5107387
Conc: 35.76 ng/ml



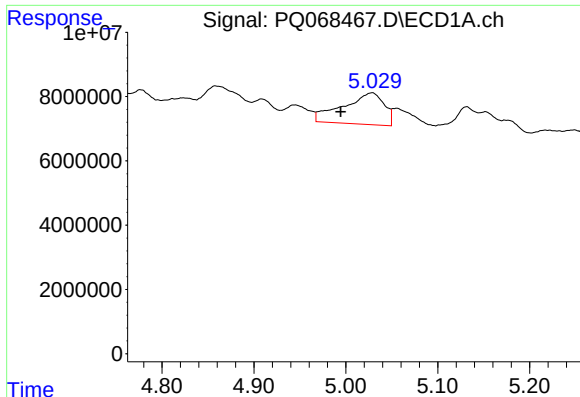
#22 AR-1248-2

R.T.: 4.811 min
Delta R.T.: 0.008 min
Response: 3813346
Conc: 19.58 ng/ml



#22 AR-1248-2

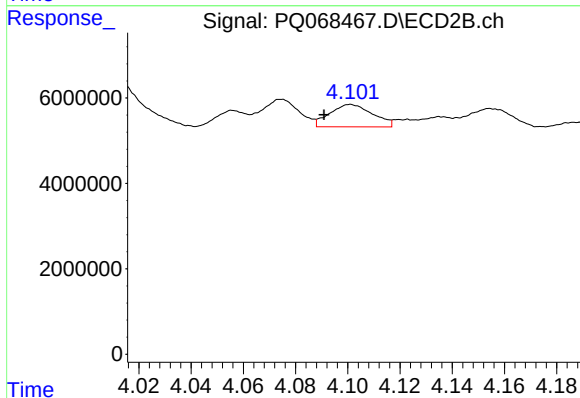
R.T.: 4.056 min
Delta R.T.: 0.002 min
Response: 2933250
Conc: 13.62 ng/ml



#23 AR-1248-3

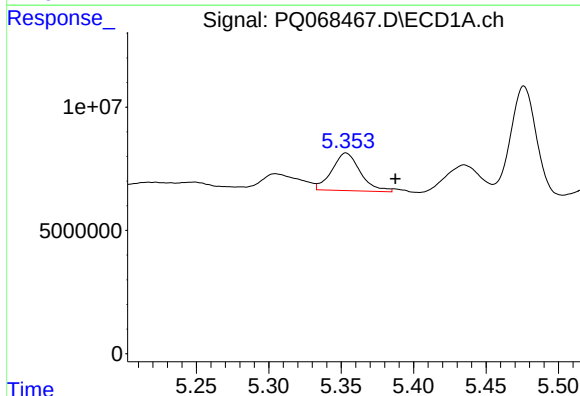
R.T.: 5.029 min
Delta R.T.: 0.035 min
Response: 30576580
Conc: 130.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



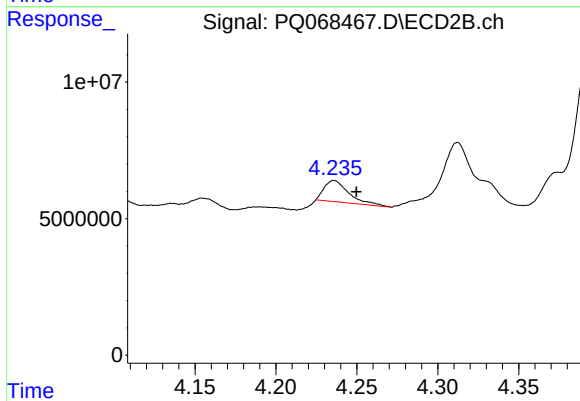
#23 AR-1248-3

R.T.: 4.101 min
Delta R.T.: 0.010 min
Response: 5967643
Conc: 28.75 ng/ml



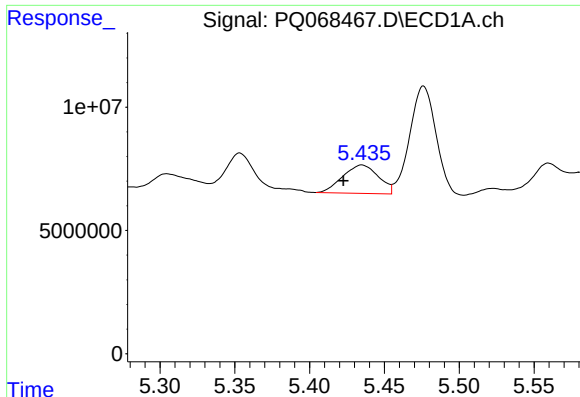
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: -0.034 min
Response: 20824178
Conc: 80.65 ng/ml



#24 AR-1248-4

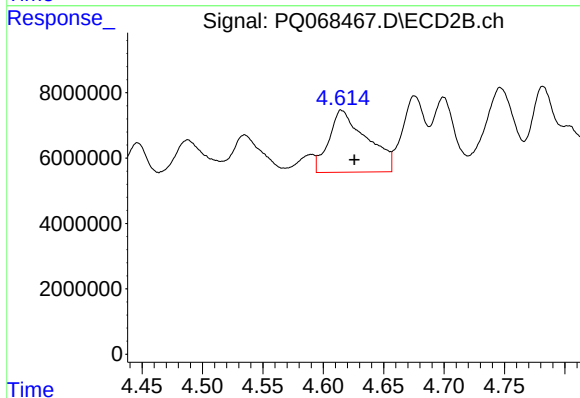
R.T.: 4.236 min
Delta R.T.: -0.014 min
Response: 8282772
Conc: 32.41 ng/ml



#25 AR-1248-5

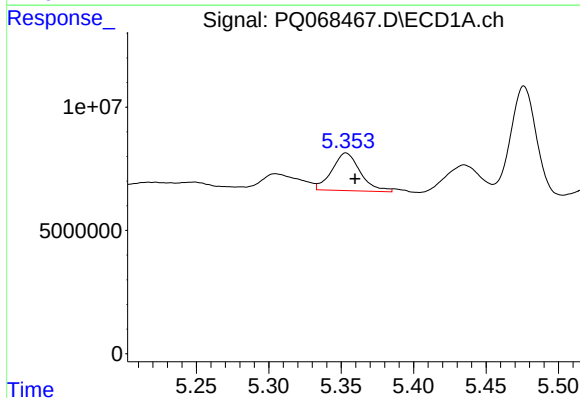
R.T.: 5.435 min
Delta R.T.: 0.012 min
Response: 19111906
Conc: 75.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



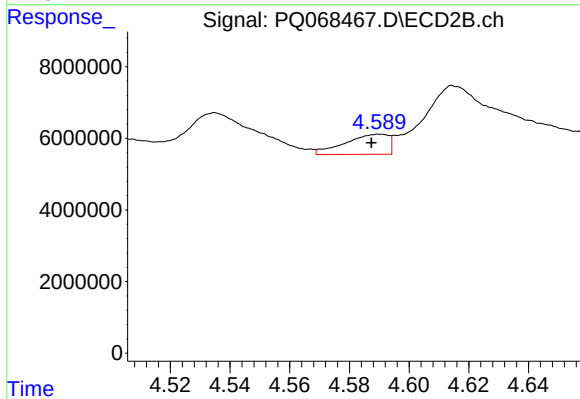
#25 AR-1248-5

R.T.: 4.615 min
Delta R.T.: -0.011 min
Response: 41422573
Conc: 162.21 ng/ml



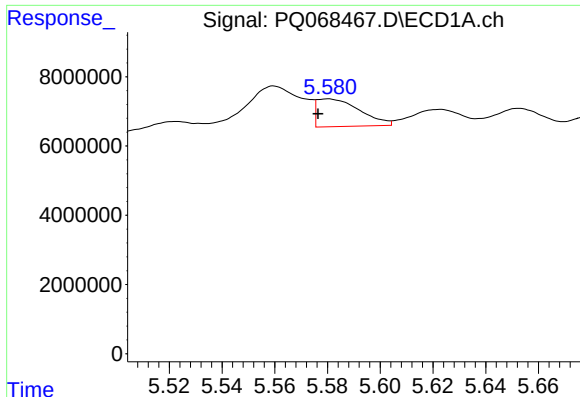
#26 AR-1254-1

R.T.: 5.353 min
Delta R.T.: -0.006 min
Response: 20824178
Conc: 81.29 ng/ml



#26 AR-1254-1

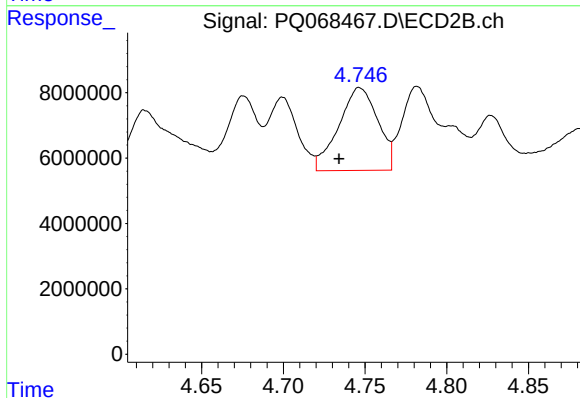
R.T.: 4.590 min
Delta R.T.: 0.003 min
Response: 5655441
Conc: 15.19 ng/ml



#27 AR-1254-2

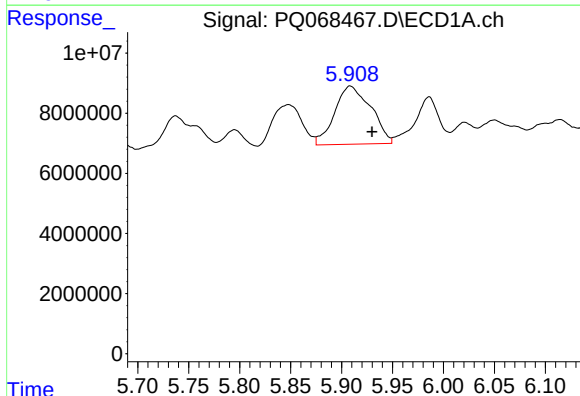
R.T.: 5.580 min
Delta R.T.: 0.004 min
Response: 9030226
Conc: 23.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



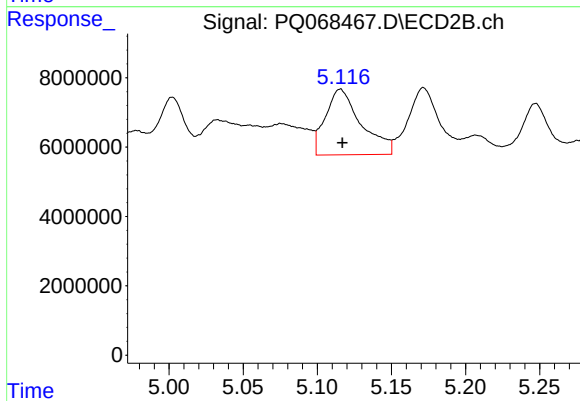
#27 AR-1254-2

R.T.: 4.746 min
Delta R.T.: 0.012 min
Response: 42243478
Conc: 126.68 ng/ml



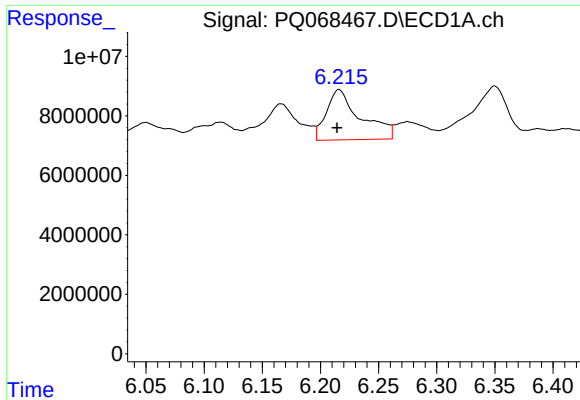
#28 AR-1254-3

R.T.: 5.908 min
Delta R.T.: -0.021 min
Response: 47878445
Conc: 117.73 ng/ml



#28 AR-1254-3

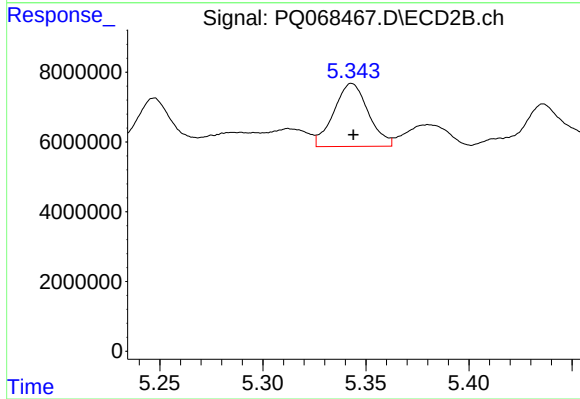
R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 31808054
Conc: 61.91 ng/ml



#29 AR-1254-4

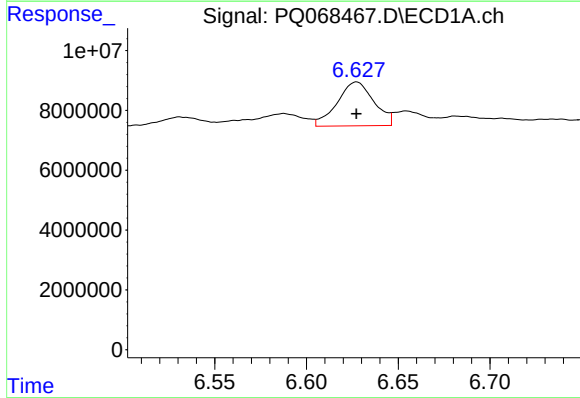
R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 34532550
Conc: 119.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



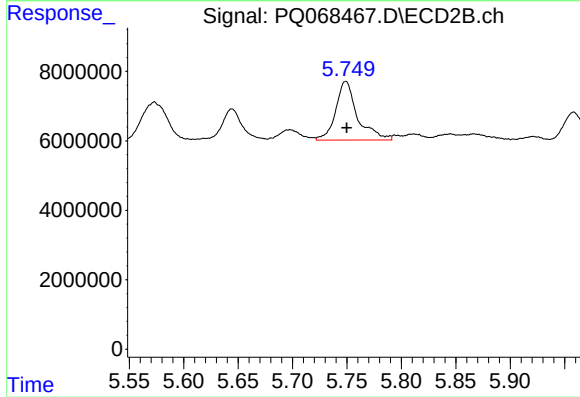
#29 AR-1254-4

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 21063333
Conc: 67.04 ng/ml



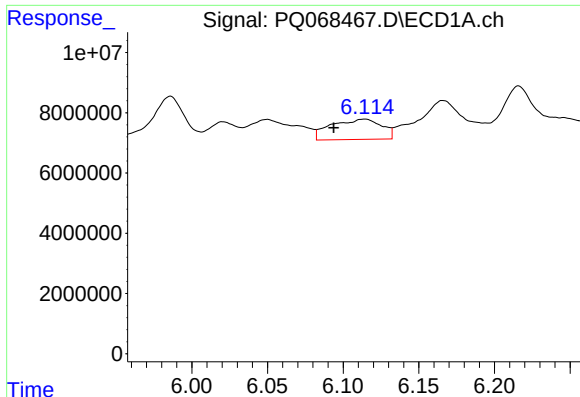
#30 AR-1254-5

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 20460042
Conc: 62.58 ng/ml



#30 AR-1254-5

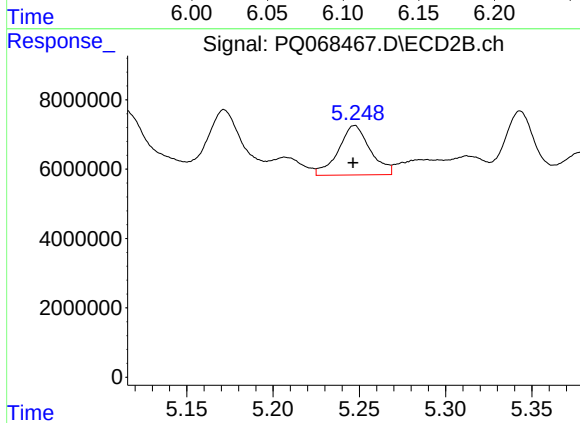
R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 23641372
Conc: 49.51 ng/ml



#31 AR-1260-1

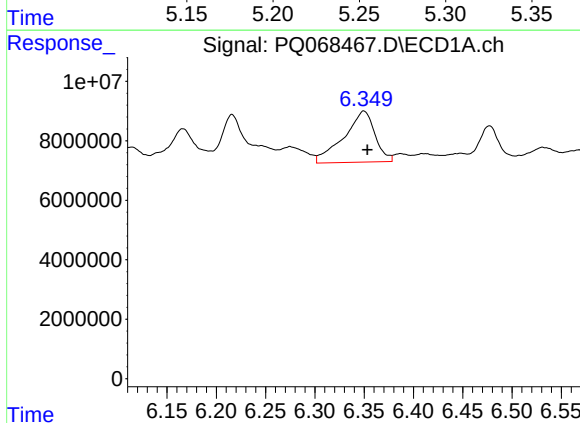
R.T.: 6.114 min
Delta R.T.: 0.021 min
Response: 15720884
Conc: 47.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



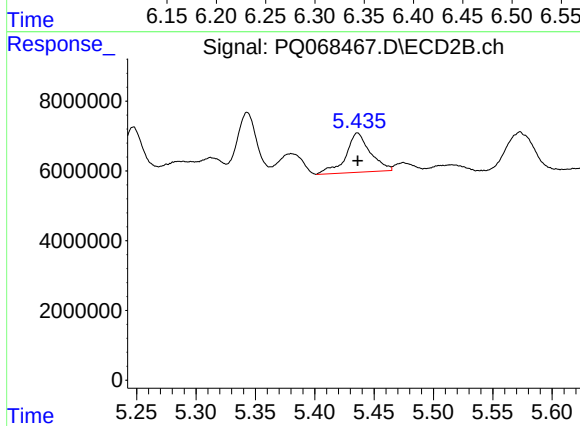
#31 AR-1260-1

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 18277490
Conc: 47.60 ng/ml



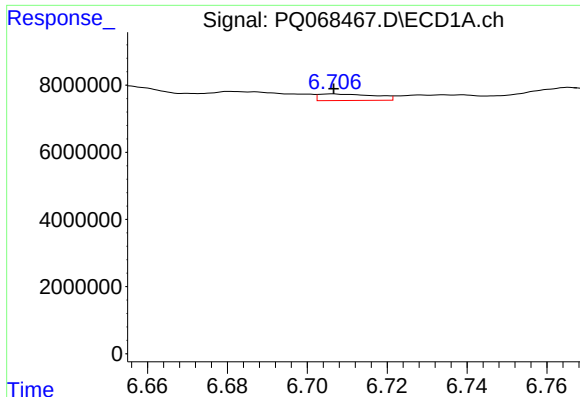
#32 AR-1260-2

R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 37835053
Conc: 100.94 ng/ml



#32 AR-1260-2

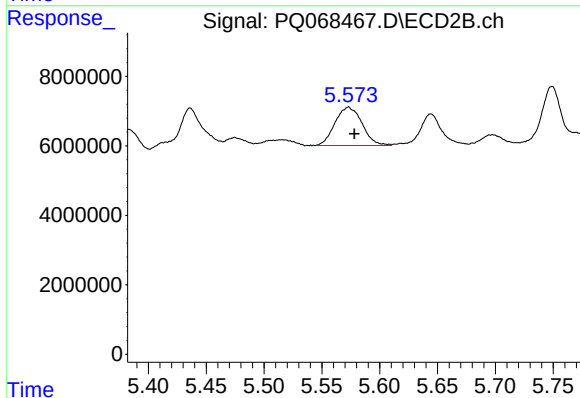
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 16188349
Conc: 35.52 ng/ml



#33 AR-1260-3

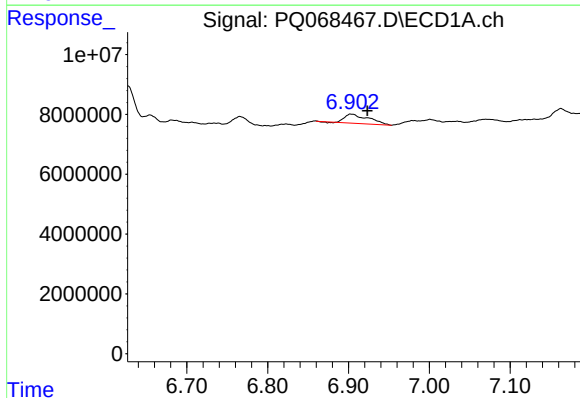
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 1880252
Conc: 8.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



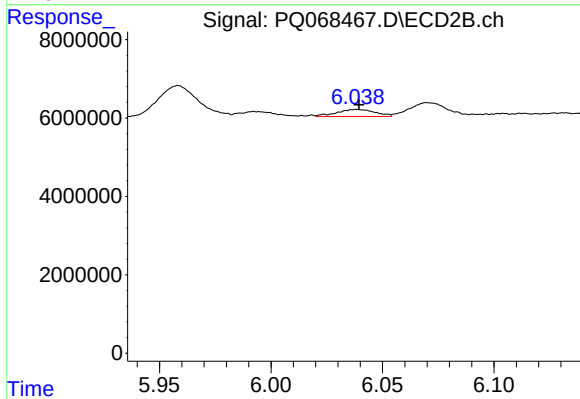
#33 AR-1260-3

R.T.: 5.573 min
Delta R.T.: -0.005 min
Response: 17993150
Conc: 41.29 ng/ml



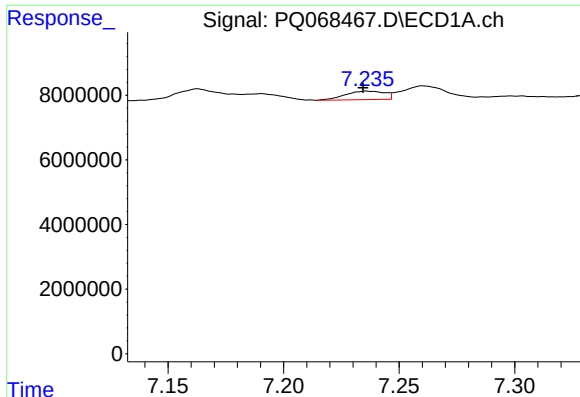
#34 AR-1260-4

R.T.: 6.903 min
Delta R.T.: -0.020 min
Response: 6228619
Conc: 22.48 ng/ml



#34 AR-1260-4

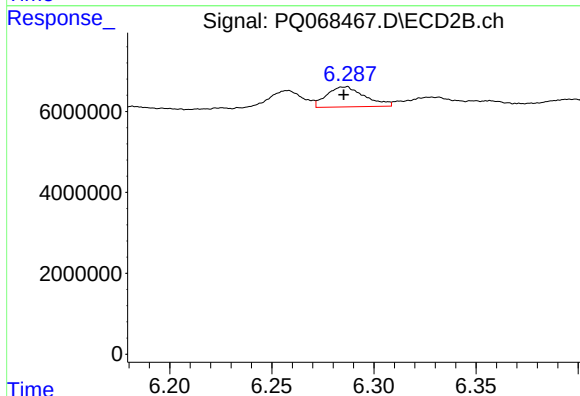
R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 2169019
Conc: 6.75 ng/ml



#35 AR-1260-5

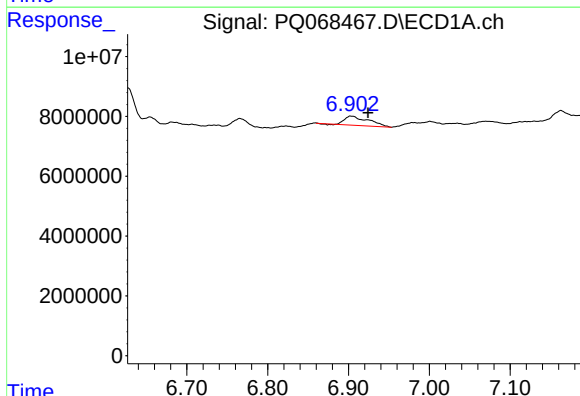
R.T.: 7.236 min
Delta R.T.: 0.002 min
Response: 3111735
Conc: 5.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



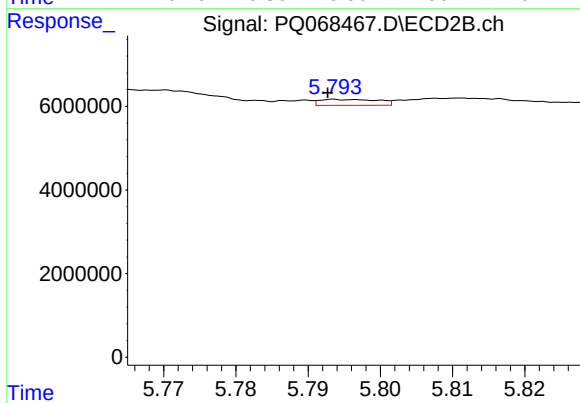
#35 AR-1260-5

R.T.: 6.287 min
Delta R.T.: 0.002 min
Response: 6432356
Conc: 8.83 ng/ml



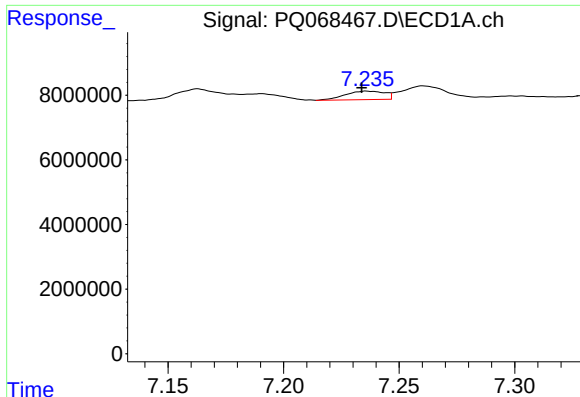
#36 AR-1262-1

R.T.: 6.903 min
Delta R.T.: -0.021 min
Response: 6228619
Conc: 17.61 ng/ml



#36 AR-1262-1

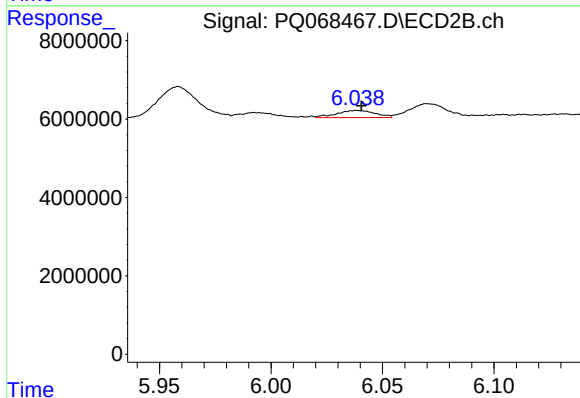
R.T.: 5.794 min
Delta R.T.: 0.001 min
Response: 803534
Conc: 1.66 ng/ml



#37 AR-1262-2

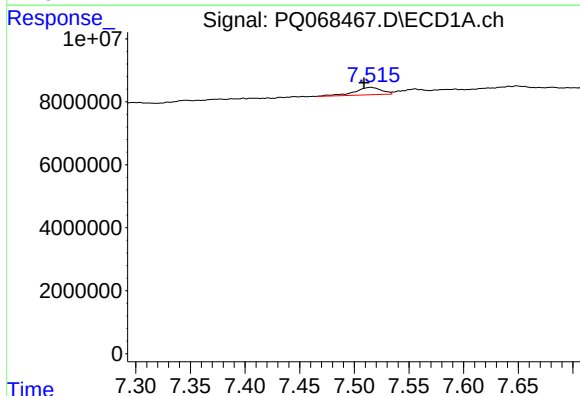
R.T.: 7.236 min
Delta R.T.: 0.002 min
Response: 3111735
Conc: 4.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



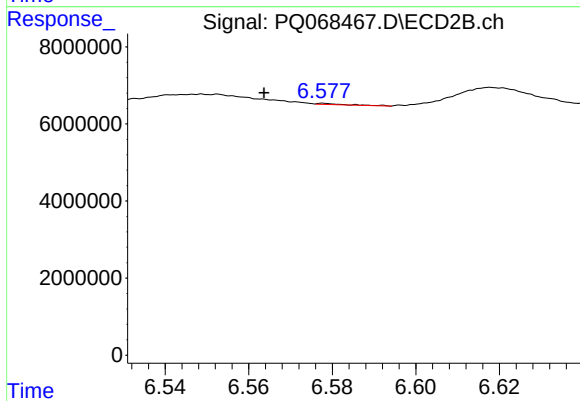
#37 AR-1262-2

R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 2169019
Conc: 4.87 ng/ml



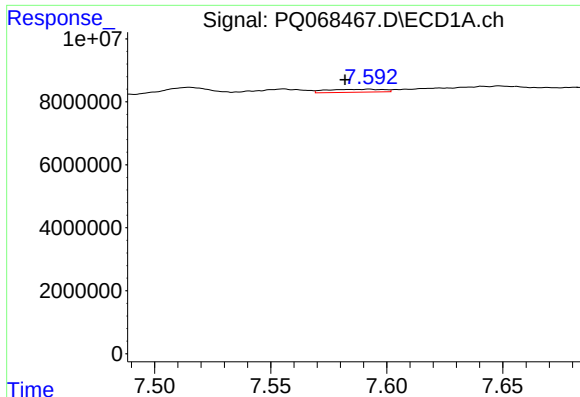
#38 AR-1262-3

R.T.: 7.515 min
Delta R.T.: 0.006 min
Response: 4029454
Conc: 9.38 ng/ml



#38 AR-1262-3

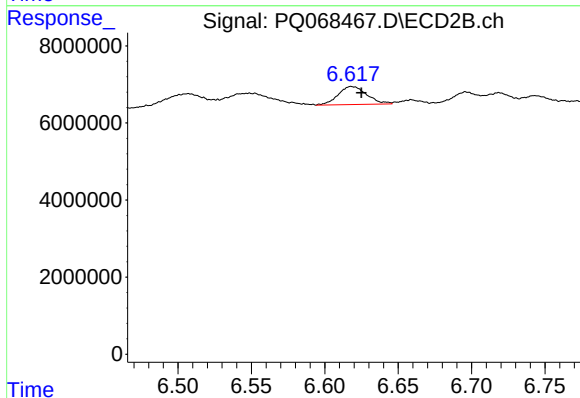
R.T.: 6.578 min
Delta R.T.: 0.014 min
Response: 129061
Conc: 0.36 ng/ml



#39 AR-1262-4

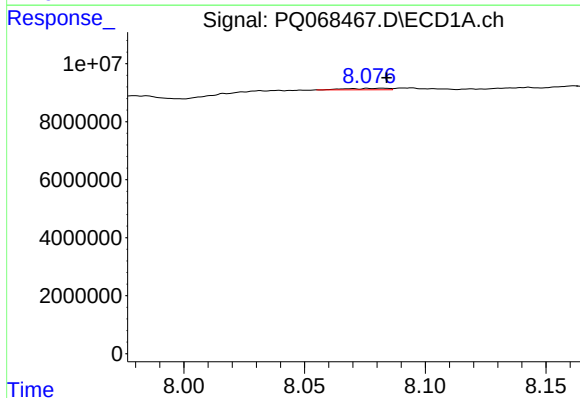
R.T.: 7.592 min
Delta R.T.: 0.010 min
Response: 1592134
Conc: 4.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



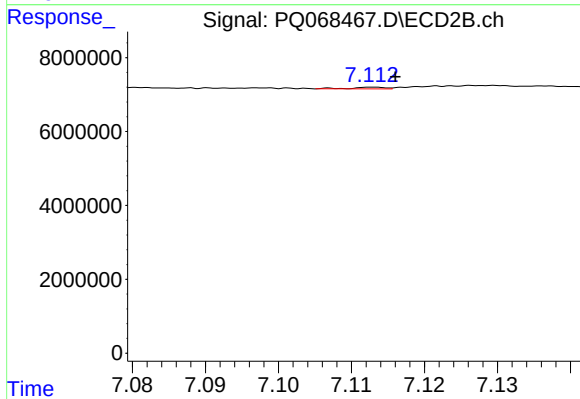
#39 AR-1262-4

R.T.: 6.618 min
Delta R.T.: -0.007 min
Response: 6381107
Conc: 9.63 ng/ml



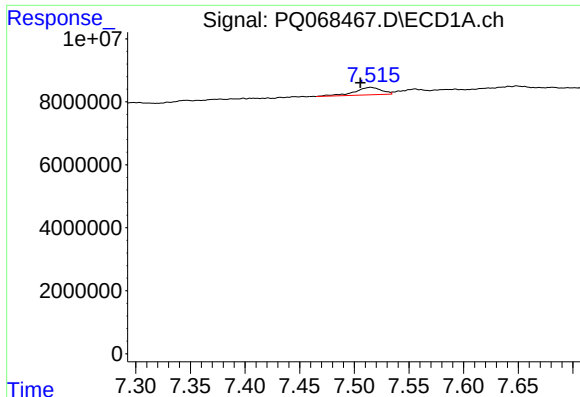
#40 AR-1262-5

R.T.: 8.082 min
Delta R.T.: -0.002 min
Response: 608986
Conc: 2.89 ng/ml



#40 AR-1262-5

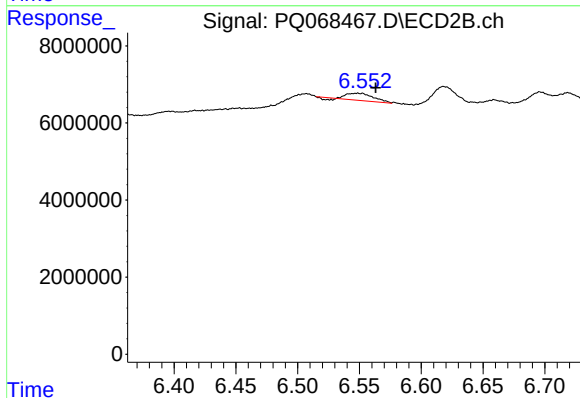
R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 137822
Conc: 0.45 ng/ml



#41 AR-1268-1

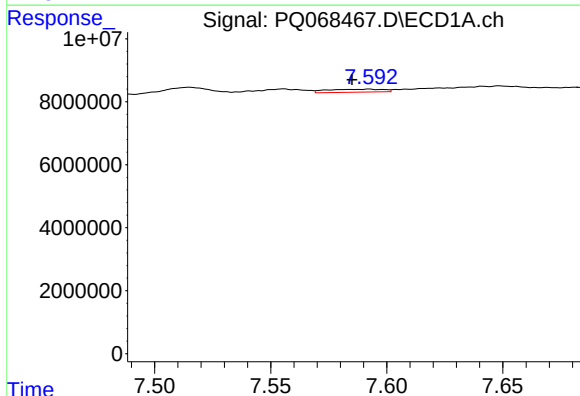
R.T.: 7.515 min
Delta R.T.: 0.009 min
Response: 4029454
Conc: 5.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



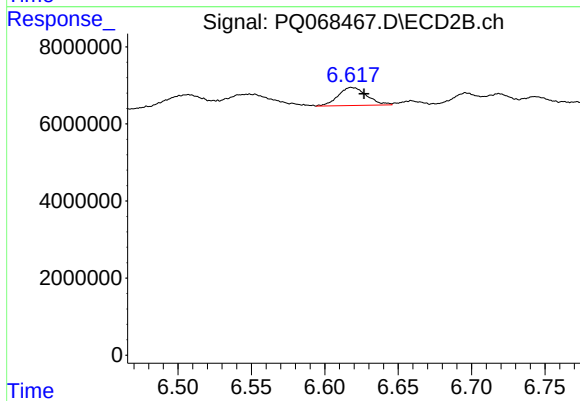
#41 AR-1268-1

R.T.: 6.549 min
Delta R.T.: -0.014 min
Response: 2713576
Conc: 2.67 ng/ml



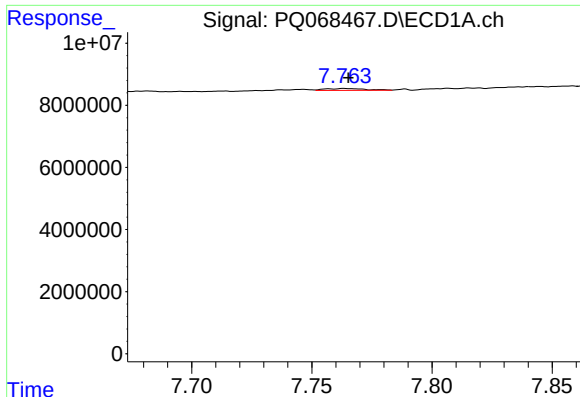
#42 AR-1268-2

R.T.: 7.592 min
Delta R.T.: 0.007 min
Response: 1592134
Conc: 2.41 ng/ml



#42 AR-1268-2

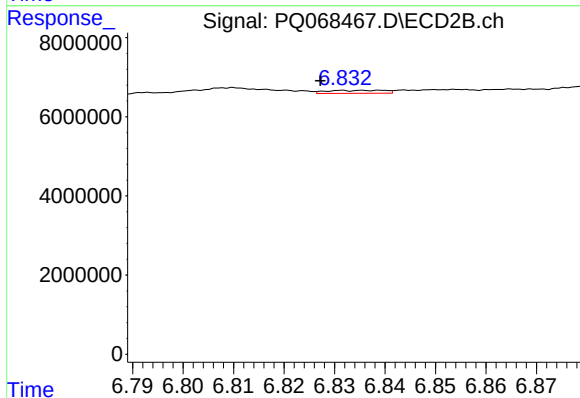
R.T.: 6.618 min
Delta R.T.: -0.009 min
Response: 6381107
Conc: 7.03 ng/ml



#43 AR-1268-3

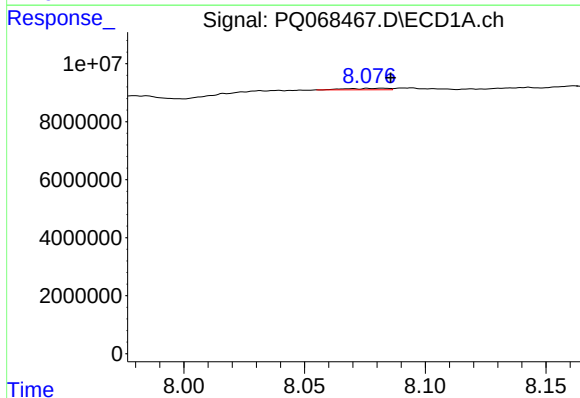
R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 700649
Conc: 1.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



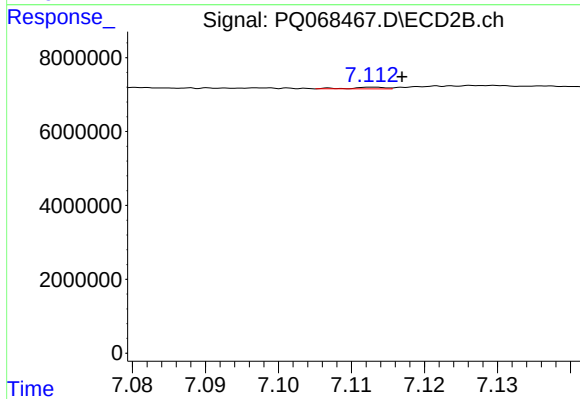
#43 AR-1268-3

R.T.: 6.832 min
Delta R.T.: 0.004 min
Response: 598627
Conc: 0.75 ng/ml



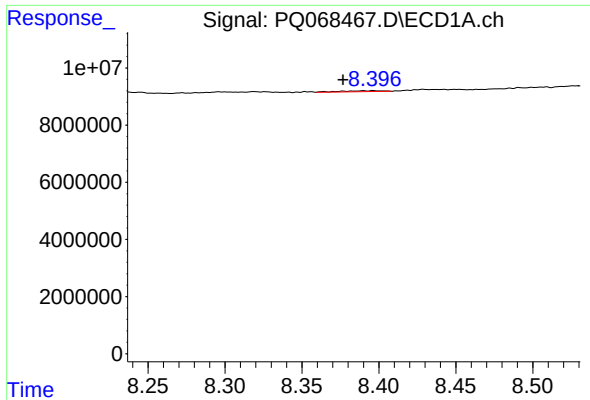
#44 AR-1268-4

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 608986
Conc: 2.83 ng/ml



#44 AR-1268-4

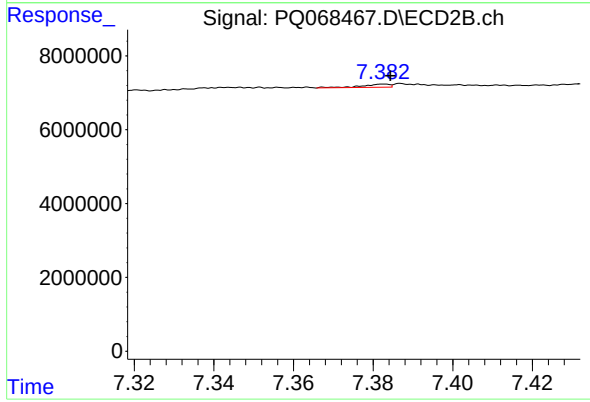
R.T.: 7.113 min
Delta R.T.: -0.004 min
Response: 137822
Conc: 0.44 ng/ml



#45 AR-1268-5

R.T.: 8.390 min
Delta R.T.: 0.013 min
Response: 627291
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
7



#45 AR-1268-5

R.T.: 7.383 min
Delta R.T.: -0.002 min
Response: 402401
Conc: 0.17 ng/ml