

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 04:12
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:44:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 2023
 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...	3.435	2.796	524.5E6	280.2E6	22.793	24.910
2)	SA Decachlor...	8.570	7.529	324.7E6	287.4E6	23.945	26.777
Target Compounds							
3)	L1 AR-1016-1	4.533	3.789	7003473	687620	8.810	1.762 #
4)	L1 AR-1016-2	4.533	3.813	7003473	3697915	5.852	6.269
5)	L1 AR-1016-3	4.603	3.962	9101166	1465467	12.281	4.661 #
6)	L1 AR-1016-4	4.685	4.025	3380989	8297276	5.450	33.849 #
7)	L1 AR-1016-5	4.981	4.199	15225112	9048646	25.879	28.333
8)	L2 AR-1221-1	3.644	3.003	489195	192007	2.042	1.708
9)	L2 AR-1221-2	3.709	3.064	10818551	5015677	61.892	60.252
10)	L2 AR-1221-3	3.775	3.142	2525535	688971	4.828	2.667 #
11)	L3 AR-1232-1	3.775	3.142	2525535	688971	4.810	2.574 #
12)	L3 AR-1232-2	4.251f	3.813	4806264	3697915	17.997	13.770
13)	L3 AR-1232-3	4.533	3.962	7003473	1465467	12.842	10.523
14)	L3 AR-1232-4	4.685	4.070f	3380989	6840517	12.514	57.638 #
15)	L3 AR-1232-5	4.766f	4.199	19884623	9048646	106.524	66.401 #
16)	L4 AR-1242-1	4.533	3.789	7003473	687620	11.342	2.138 #
17)	L4 AR-1242-2	4.533	3.813	7003473	3697915	7.459	7.719
18)	L4 AR-1242-3	4.603	3.962	9101166	1465467	15.756	5.653 #
19)	L4 AR-1242-4	4.685	4.070f	3380989	6840517	6.934	28.579 #
20)	L4 AR-1242-5	5.393	4.531	28027303	7627031	56.198	24.703 #
21)	L5 AR-1248-1	4.533	3.789	7003473	687620	14.688	2.807 #
22)	L5 AR-1248-2	4.766f	4.002	19884623	1599187	31.972	4.644 #
23)	L5 AR-1248-3	4.969	4.025f	16373108	8297276	21.604	23.799
24)	L5 AR-1248-4	0.000	4.199	0	9048646	N.D.	21.380 #
25)	L5 AR-1248-5	5.393	4.553f	28027303	21226182	33.512	49.867 #
26)	L6 AR-1254-1	5.322	4.531	71231533	7627031	85.156	11.779 #
27)	L6 AR-1254-2	5.530	4.681	15983756	1407896	12.493	2.556 #
28)	L6 AR-1254-3	5.872	5.055	8725723	1174695	6.423	1.370 #
29)	L6 AR-1254-4	6.166	5.269	22970168	384870	23.160	0.687 #
30)	L6 AR-1254-5	6.580	5.671	2086023	1519710	1.987	1.875
31)	L7 AR-1260-1	6.064	5.192	665053	395812	0.635	0.644
32)	L7 AR-1260-2	6.313	5.375	4075882	5416904	3.287	7.265 #
33)	L7 AR-1260-3	6.681	5.511	465757	13553745	0.521	18.648 #
34)	L7 AR-1260-4	6.891	5.970	1757558	743263	1.784	1.261 #
35)	L7 AR-1260-5	7.202	6.210	771115	1502324	0.397	1.092 #
36)	L8 AR-1262-1	6.656	5.706	1113407	1683679	0.969	2.153 #
37)	L8 AR-1262-2	7.189	6.188	1901262	398293	0.948	0.281 #
38)	L8 AR-1262-3	7.468	0.000	1290882	0	0.986	N.D. #
39)	L8 AR-1262-4	7.531	6.522	1003508	3288334	0.982	3.078 #
40)	L8 AR-1262-5	8.042	7.033	627909	2477661	0.965	4.785 #
41)	L9 AR-1268-1	7.468	0.000	1290882	0	0.565	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
Data File : PQ060479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2023 04:12
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

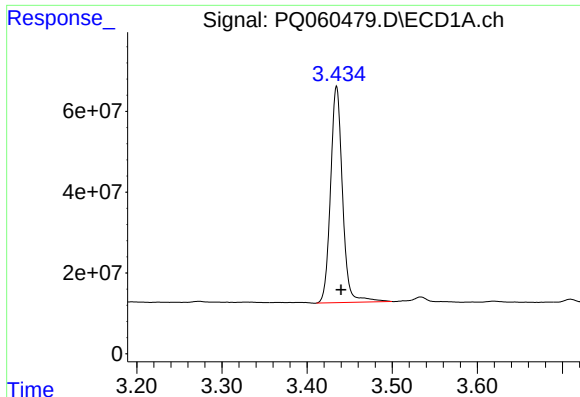
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 08:44:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 24 16:56:07 2023
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	7.531	6.556	1003508	105794	0.473	0.068 #
43)	L9 AR-1268-3	7.725	6.746	3408231	4196024	1.959	3.083 #
44)	L9 AR-1268-4	8.042	7.033	627909	2477661	0.845	4.199 #
45)	L9 AR-1268-5	8.342	7.312	1811507	6072576	0.352	1.424 #

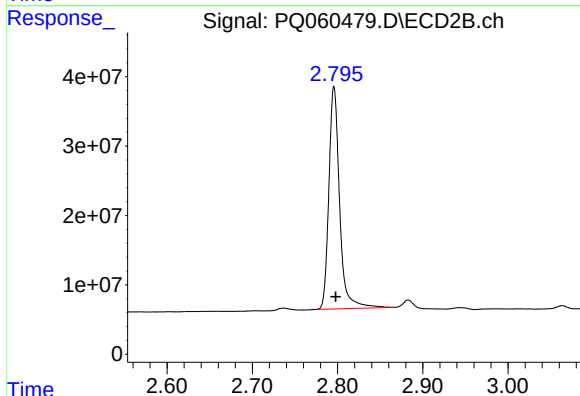
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

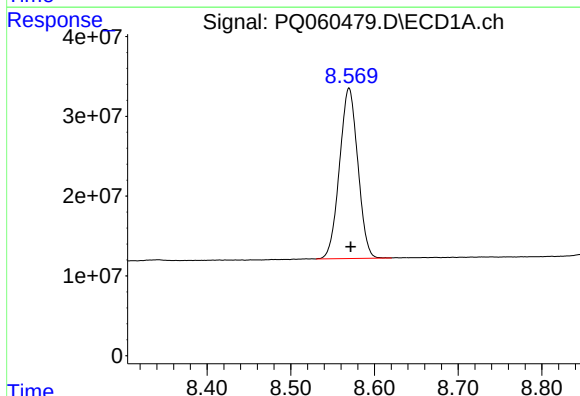
R.T.: 3.435 min
Delta R.T.: -0.005 min
Response: 524472331
Conc: 22.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



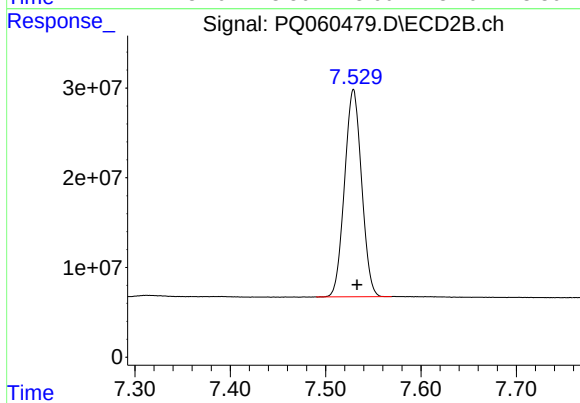
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: -0.002 min
Response: 280232401
Conc: 24.91 ng/ml



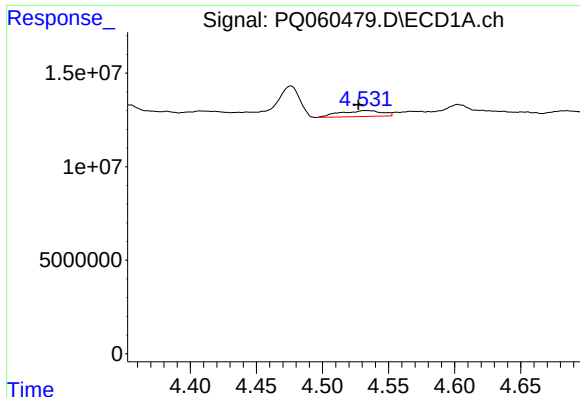
#2 Decachlorobiphenyl

R.T.: 8.570 min
Delta R.T.: -0.002 min
Response: 324678314
Conc: 23.95 ng/ml



#2 Decachlorobiphenyl

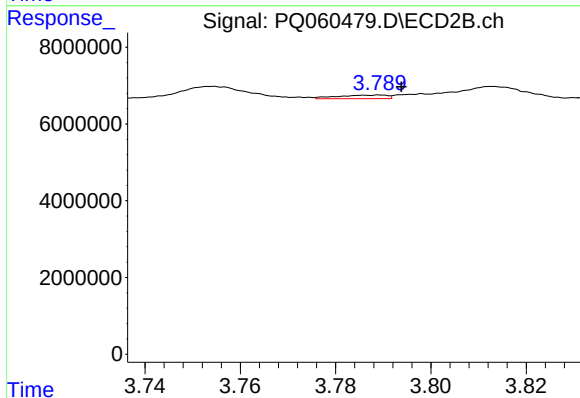
R.T.: 7.529 min
Delta R.T.: -0.004 min
Response: 287376402
Conc: 26.78 ng/ml



#3 AR-1016-1

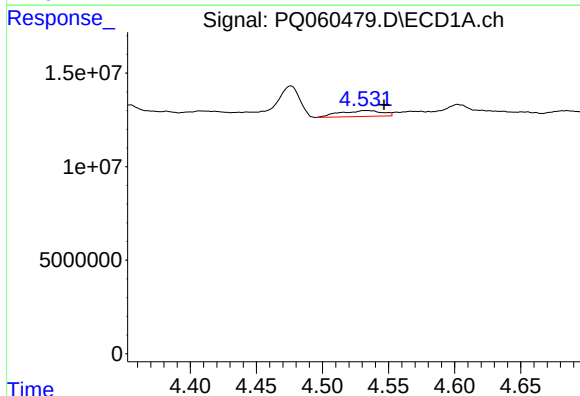
R.T.: 4.533 min
Delta R.T.: 0.006 min
Response: 7003473
Conc: 8.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



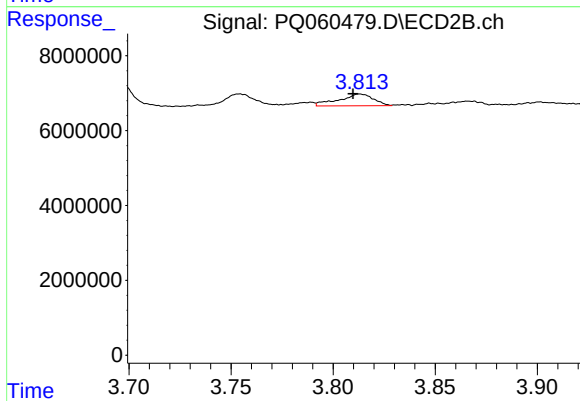
#3 AR-1016-1

R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 687620
Conc: 1.76 ng/ml



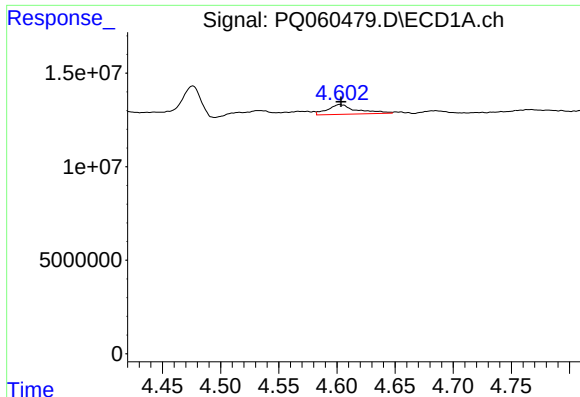
#4 AR-1016-2

R.T.: 4.533 min
Delta R.T.: -0.014 min
Response: 7003473
Conc: 5.85 ng/ml



#4 AR-1016-2

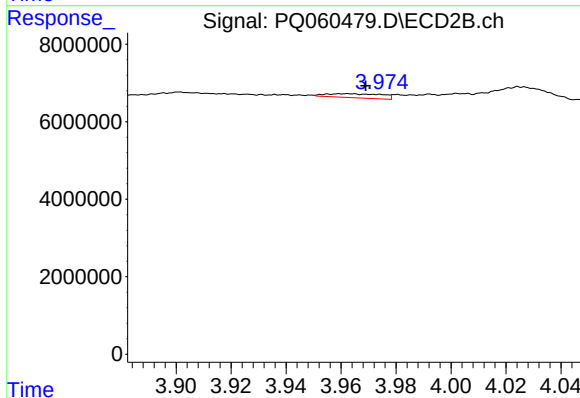
R.T.: 3.813 min
Delta R.T.: 0.003 min
Response: 3697915
Conc: 6.27 ng/ml



#5 AR-1016-3

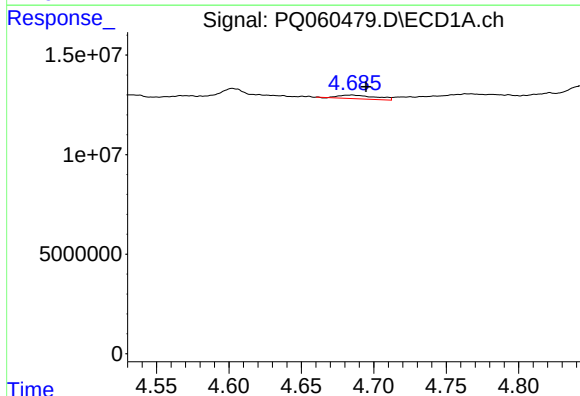
R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 9101166
Conc: 12.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



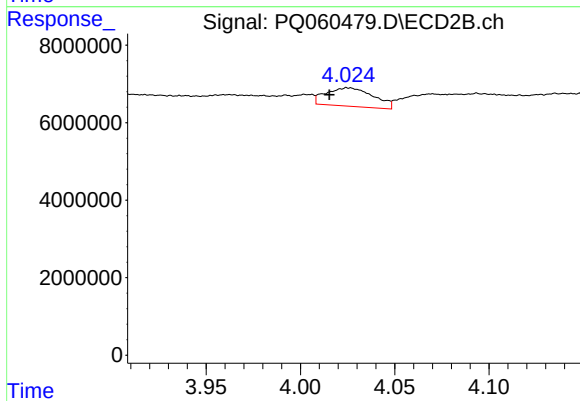
#5 AR-1016-3

R.T.: 3.962 min
Delta R.T.: -0.006 min
Response: 1465467
Conc: 4.66 ng/ml



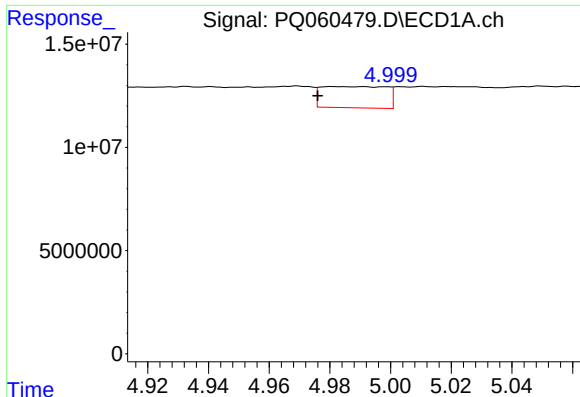
#6 AR-1016-4

R.T.: 4.685 min
Delta R.T.: -0.010 min
Response: 3380989
Conc: 5.45 ng/ml



#6 AR-1016-4

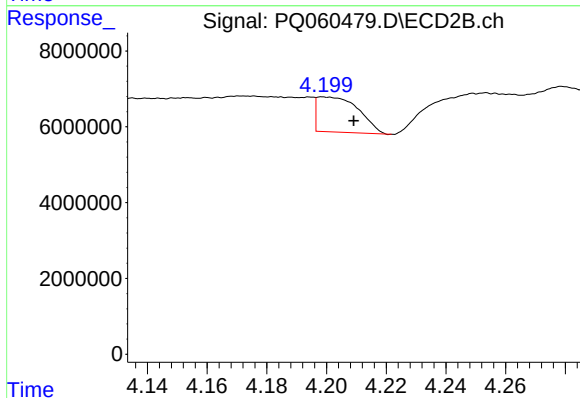
R.T.: 4.025 min
Delta R.T.: 0.009 min
Response: 8297276
Conc: 33.85 ng/ml



#7 AR-1016-5

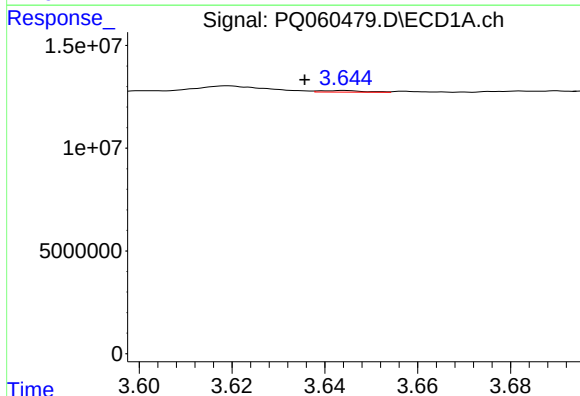
R.T.: 4.981 min
Delta R.T.: 0.005 min
Response: 15225112
Conc: 25.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



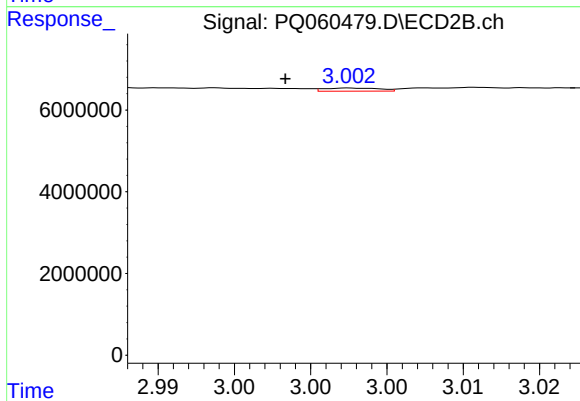
#7 AR-1016-5

R.T.: 4.199 min
Delta R.T.: -0.010 min
Response: 9048646
Conc: 28.33 ng/ml



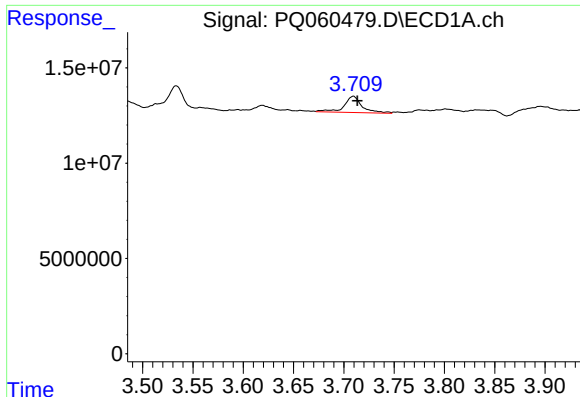
#8 AR-1221-1

R.T.: 3.644 min
Delta R.T.: 0.008 min
Response: 489195
Conc: 2.04 ng/ml



#8 AR-1221-1

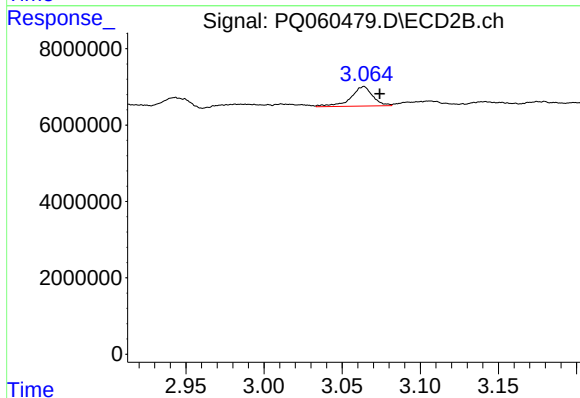
R.T.: 3.003 min
Delta R.T.: 0.005 min
Response: 192007
Conc: 1.71 ng/ml



#9 AR-1221-2

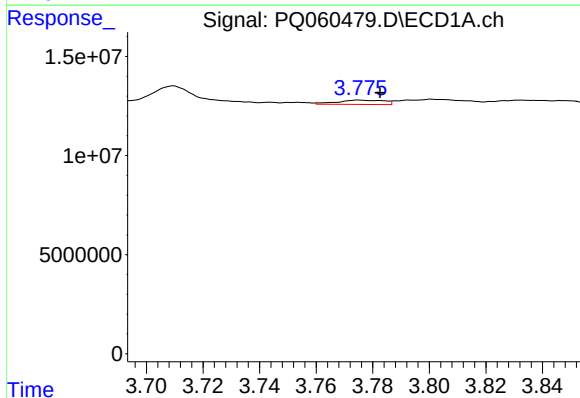
R.T.: 3.709 min
Delta R.T.: -0.004 min
Response: 10818551
Conc: 61.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



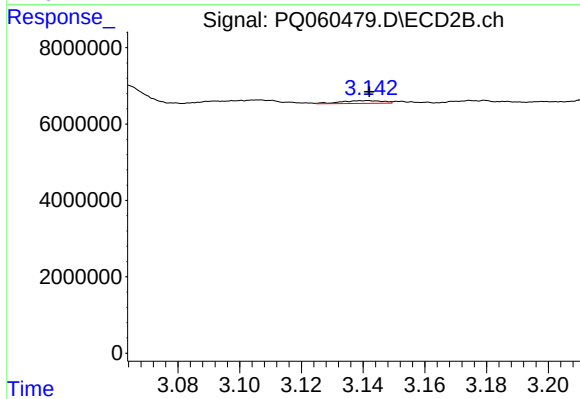
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.010 min
Response: 5015677
Conc: 60.25 ng/ml



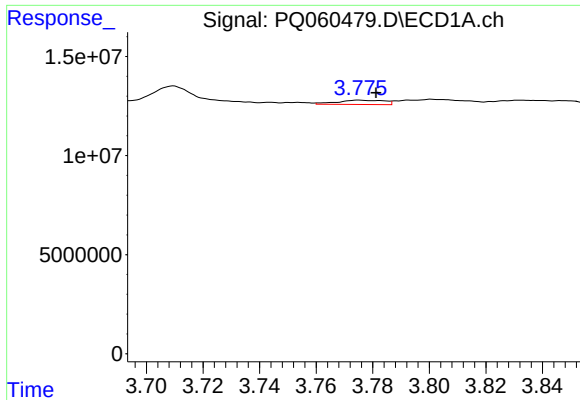
#10 AR-1221-3

R.T.: 3.775 min
Delta R.T.: -0.007 min
Response: 2525535
Conc: 4.83 ng/ml



#10 AR-1221-3

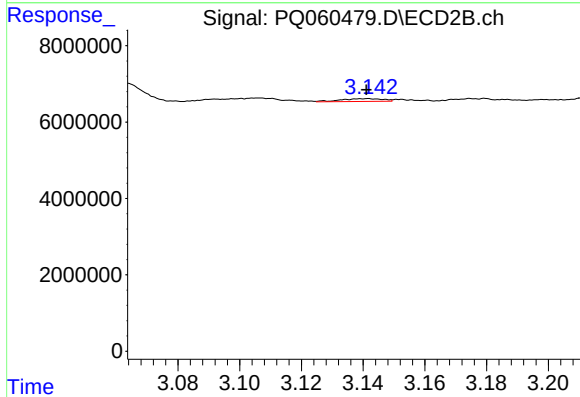
R.T.: 3.142 min
Delta R.T.: 0.000 min
Response: 688971
Conc: 2.67 ng/ml



#11 AR-1232-1

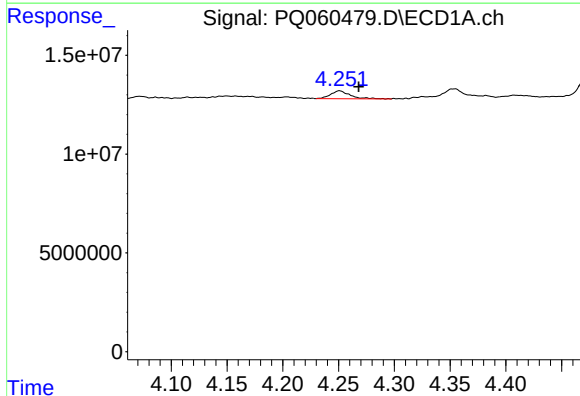
R.T.: 3.775 min
Delta R.T.: -0.006 min
Response: 2525535
Conc: 4.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



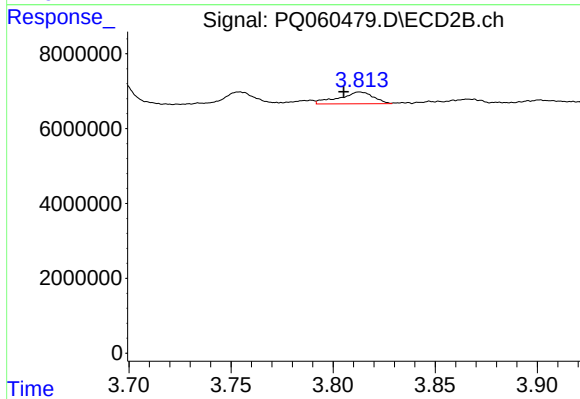
#11 AR-1232-1

R.T.: 3.142 min
Delta R.T.: 0.000 min
Response: 688971
Conc: 2.57 ng/ml



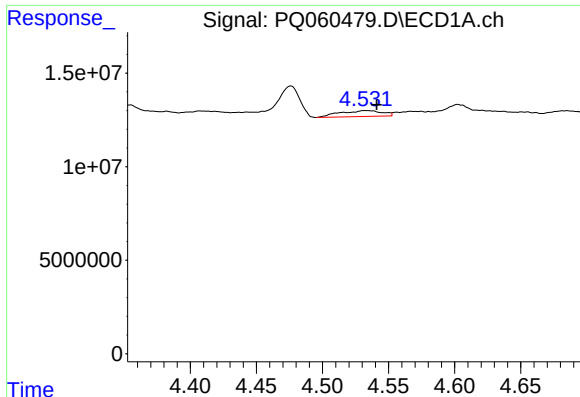
#12 AR-1232-2

R.T.: 4.251 min
Delta R.T.: -0.017 min
Response: 4806264
Conc: 18.00 ng/ml



#12 AR-1232-2

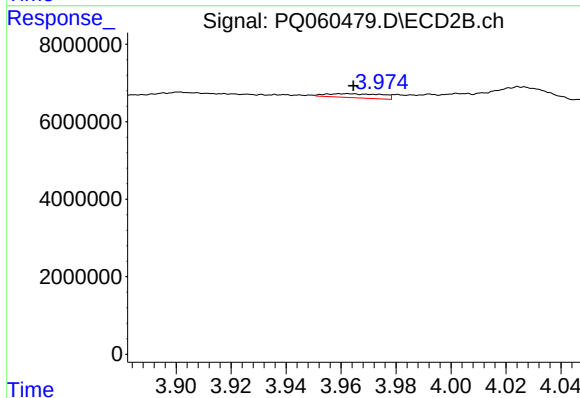
R.T.: 3.813 min
Delta R.T.: 0.008 min
Response: 3697915
Conc: 13.77 ng/ml



#13 AR-1232-3

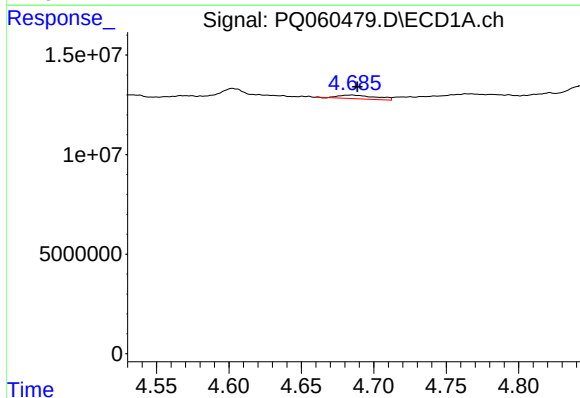
R.T.: 4.533 min
Delta R.T.: -0.008 min
Response: 7003473
Conc: 12.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



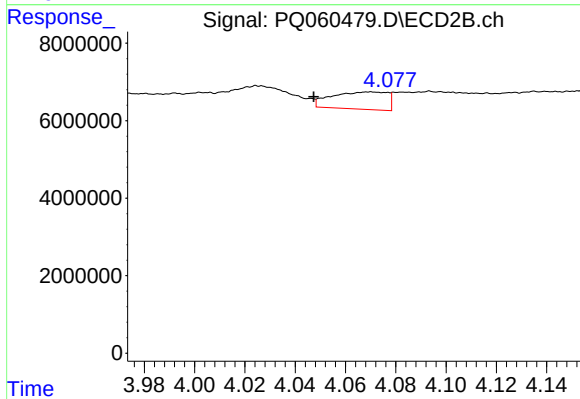
#13 AR-1232-3

R.T.: 3.962 min
Delta R.T.: -0.002 min
Response: 1465467
Conc: 10.52 ng/ml



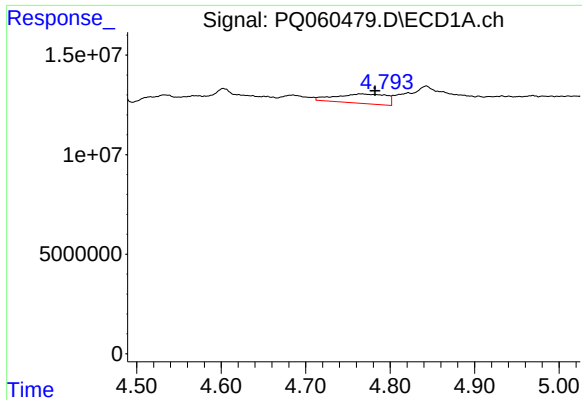
#14 AR-1232-4

R.T.: 4.685 min
Delta R.T.: -0.004 min
Response: 3380989
Conc: 12.51 ng/ml



#14 AR-1232-4

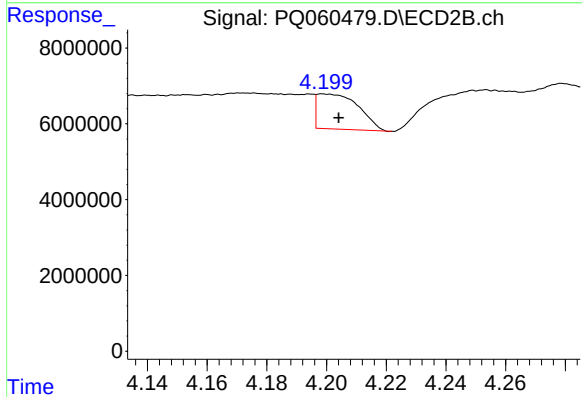
R.T.: 4.070 min
Delta R.T.: 0.023 min
Response: 6840517
Conc: 57.64 ng/ml



#15 AR-1232-5

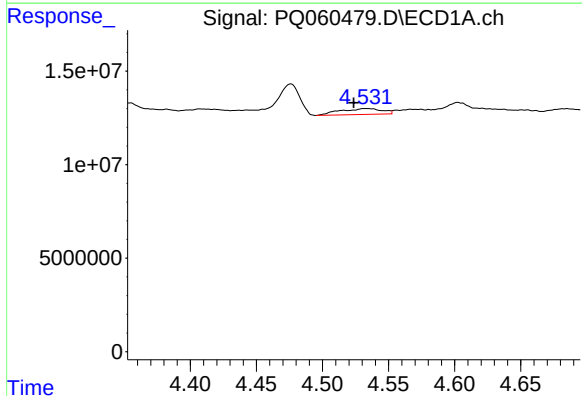
R.T.: 4.766 min
Delta R.T.: -0.016 min
Response: 19884623
Conc: 106.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



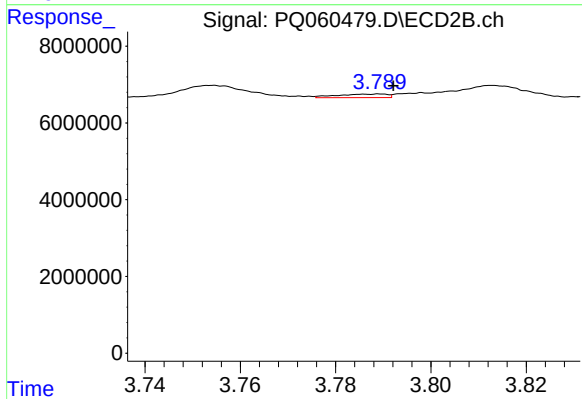
#15 AR-1232-5

R.T.: 4.199 min
Delta R.T.: -0.005 min
Response: 9048646
Conc: 66.40 ng/ml



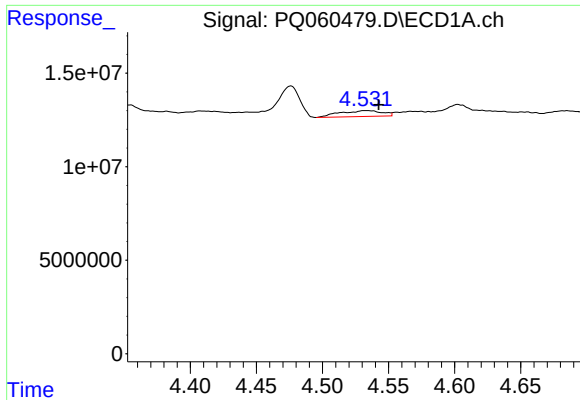
#16 AR-1242-1

R.T.: 4.533 min
Delta R.T.: 0.009 min
Response: 7003473
Conc: 11.34 ng/ml



#16 AR-1242-1

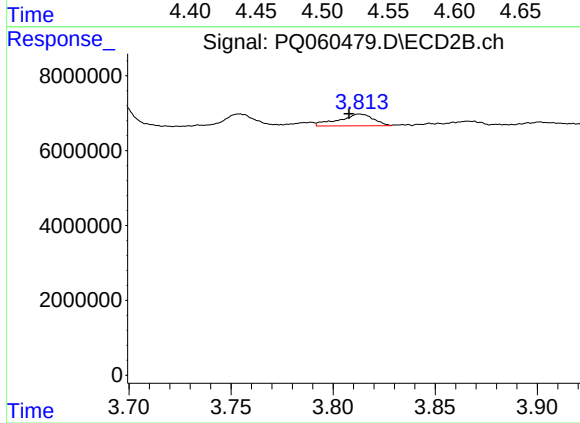
R.T.: 3.789 min
Delta R.T.: -0.003 min
Response: 687620
Conc: 2.14 ng/ml



#17 AR-1242-2

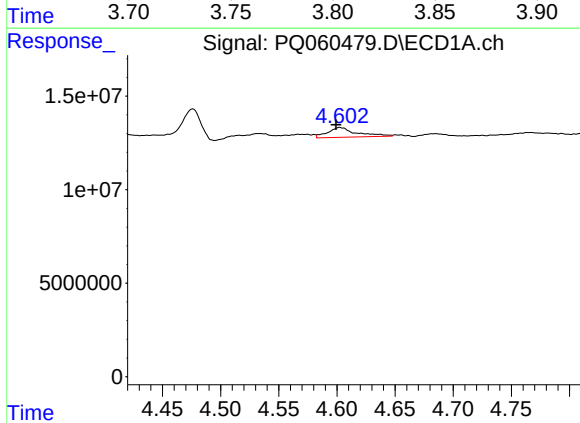
R.T.: 4.533 min
Delta R.T.: -0.010 min
Response: 7003473
Conc: 7.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



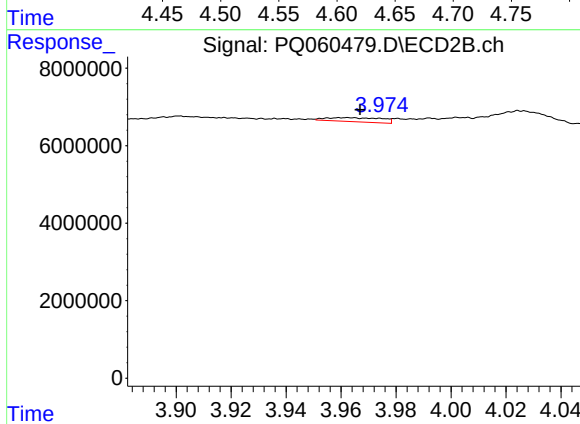
#17 AR-1242-2

R.T.: 3.813 min
Delta R.T.: 0.005 min
Response: 3697915
Conc: 7.72 ng/ml



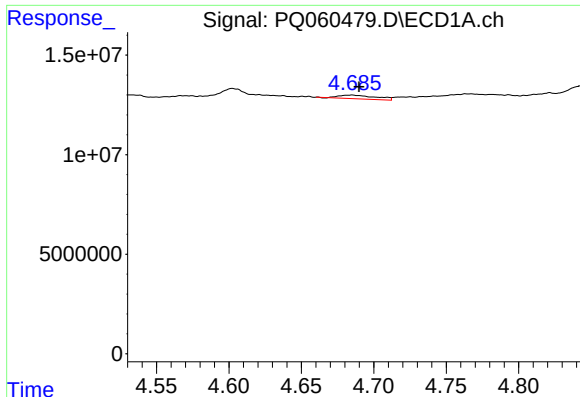
#18 AR-1242-3

R.T.: 4.603 min
Delta R.T.: 0.003 min
Response: 9101166
Conc: 15.76 ng/ml



#18 AR-1242-3

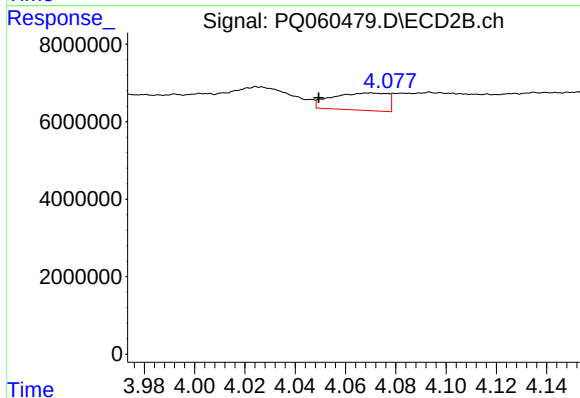
R.T.: 3.962 min
Delta R.T.: -0.004 min
Response: 1465467
Conc: 5.65 ng/ml



#19 AR-1242-4

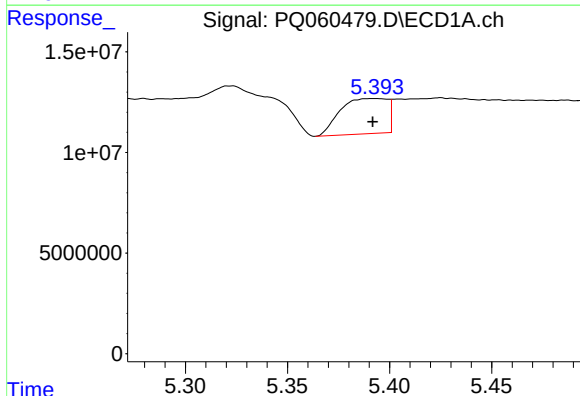
R.T.: 4.685 min
Delta R.T.: -0.005 min
Response: 3380989
Conc: 6.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



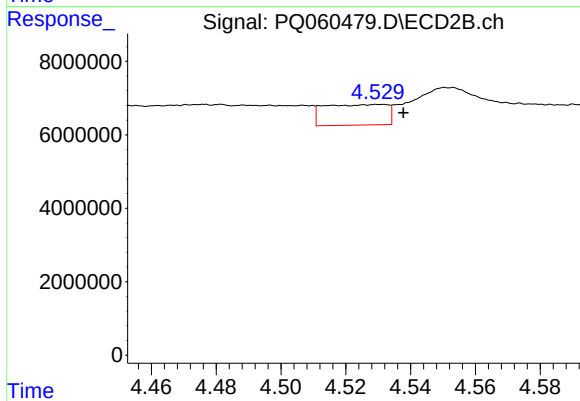
#19 AR-1242-4

R.T.: 4.070 min
Delta R.T.: 0.021 min
Response: 6840517
Conc: 28.58 ng/ml



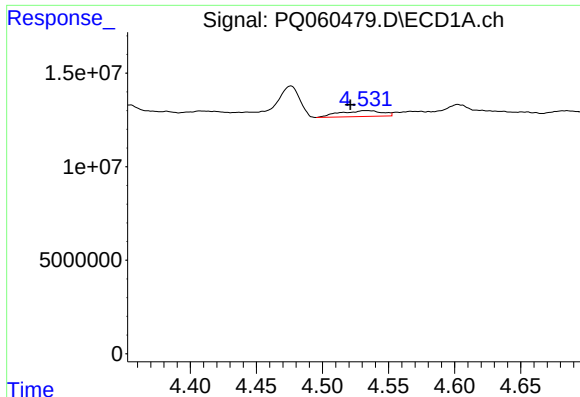
#20 AR-1242-5

R.T.: 5.393 min
Delta R.T.: 0.001 min
Response: 28027303
Conc: 56.20 ng/ml



#20 AR-1242-5

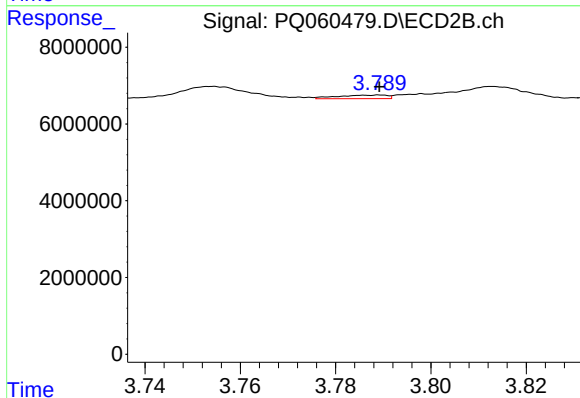
R.T.: 4.531 min
Delta R.T.: -0.006 min
Response: 7627031
Conc: 24.70 ng/ml



#21 AR-1248-1

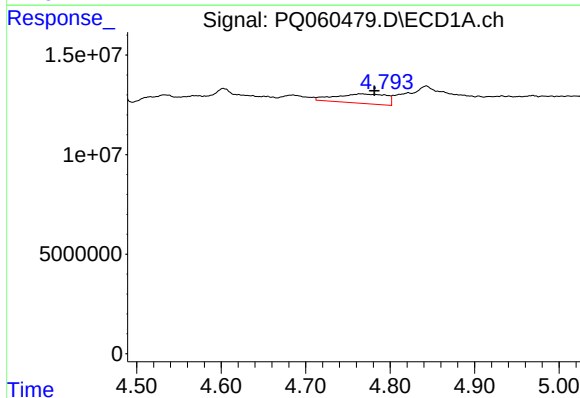
R.T.: 4.533 min
Delta R.T.: 0.012 min
Response: 7003473
Conc: 14.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



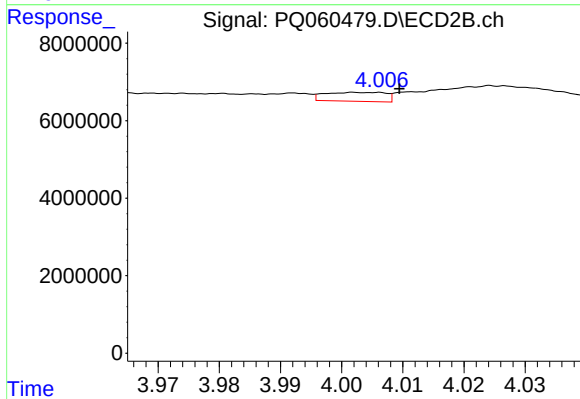
#21 AR-1248-1

R.T.: 3.789 min
Delta R.T.: 0.000 min
Response: 687620
Conc: 2.81 ng/ml



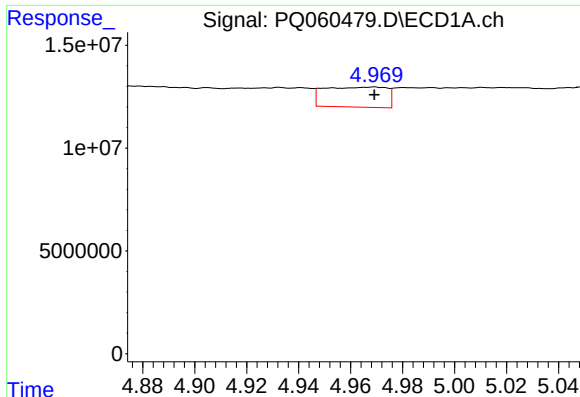
#22 AR-1248-2

R.T.: 4.766 min
Delta R.T.: -0.015 min
Response: 19884623
Conc: 31.97 ng/ml



#22 AR-1248-2

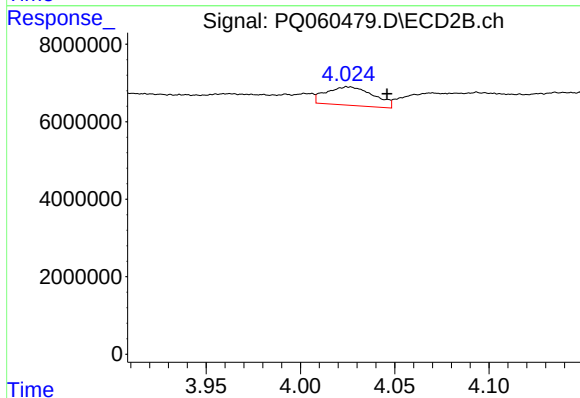
R.T.: 4.002 min
Delta R.T.: -0.007 min
Response: 1599187
Conc: 4.64 ng/ml



#23 AR-1248-3

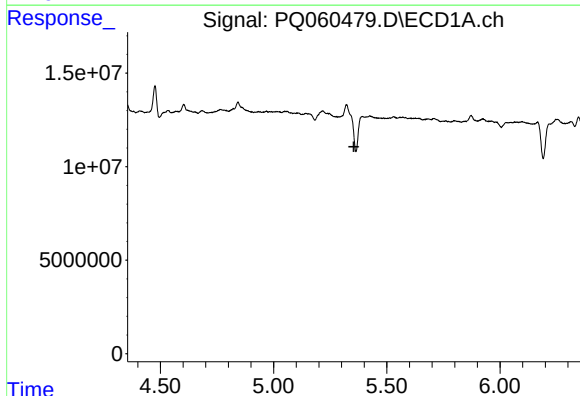
R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 16373108
Conc: 21.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



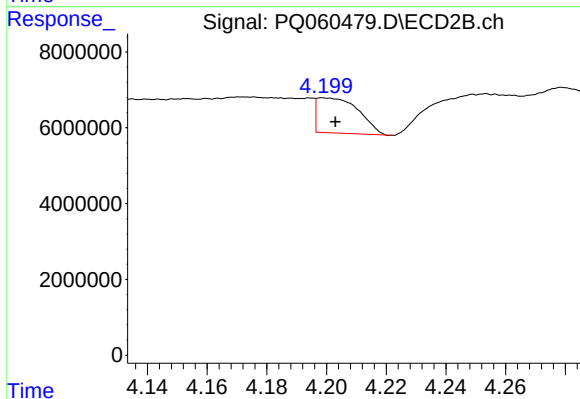
#23 AR-1248-3

R.T.: 4.025 min
Delta R.T.: -0.021 min
Response: 8297276
Conc: 23.80 ng/ml



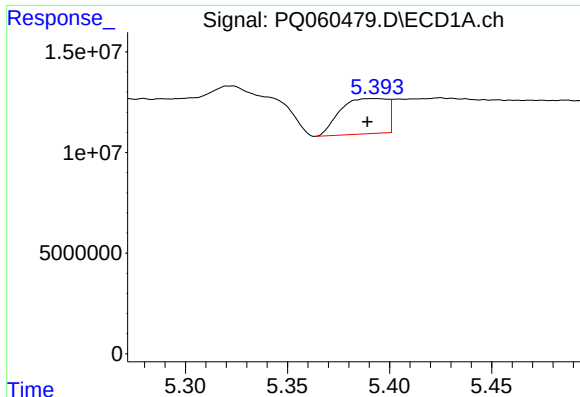
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.355 min
Response: 0
Conc: N.D.



#24 AR-1248-4

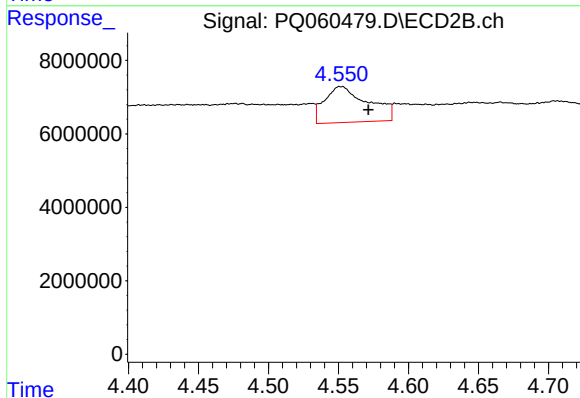
R.T.: 4.199 min
Delta R.T.: -0.004 min
Response: 9048646
Conc: 21.38 ng/ml



#25 AR-1248-5

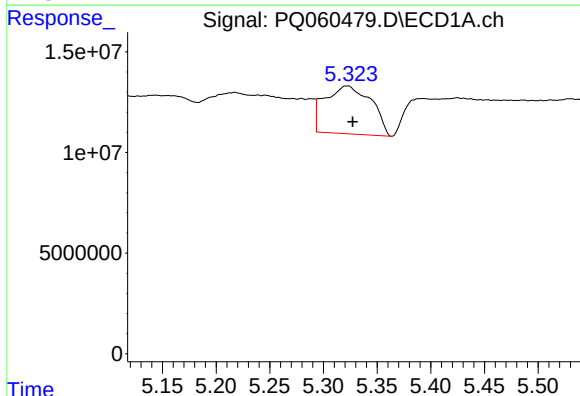
R.T.: 5.393 min
Delta R.T.: 0.004 min
Response: 28027303
Conc: 33.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



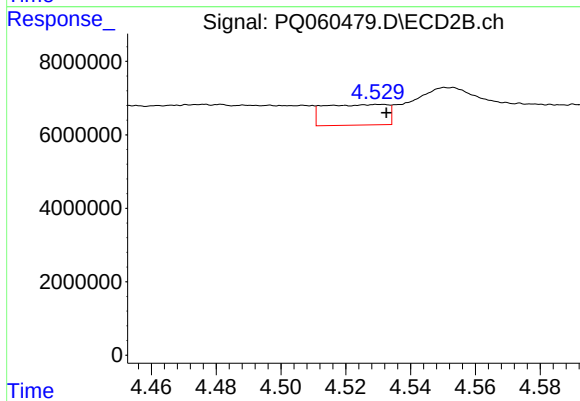
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: -0.018 min
Response: 21226182
Conc: 49.87 ng/ml



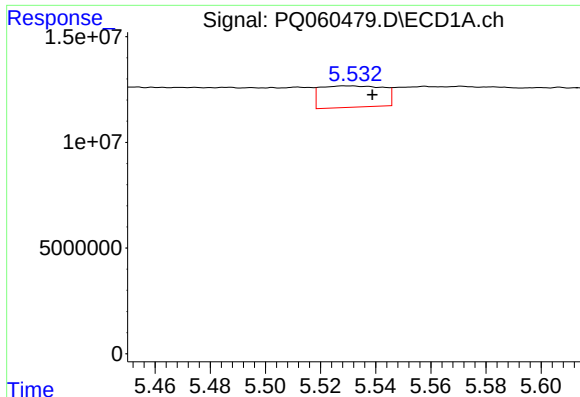
#26 AR-1254-1

R.T.: 5.322 min
Delta R.T.: -0.005 min
Response: 71231533
Conc: 85.16 ng/ml



#26 AR-1254-1

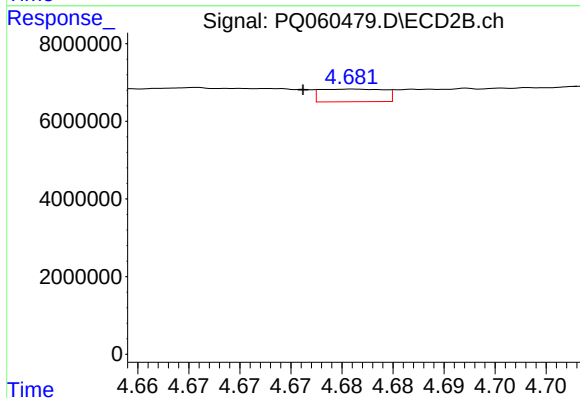
R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 7627031
Conc: 11.78 ng/ml



#27 AR-1254-2

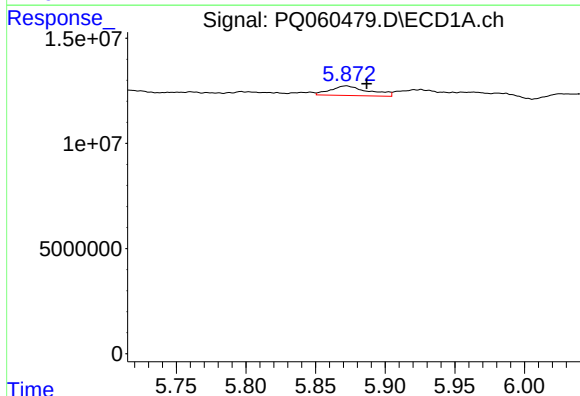
R.T.: 5.530 min
Delta R.T.: -0.009 min
Response: 15983756
Conc: 12.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



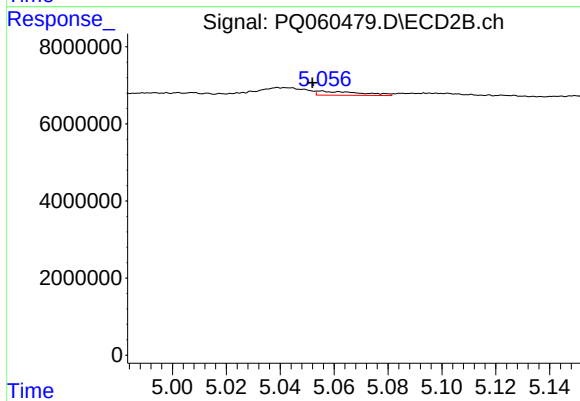
#27 AR-1254-2

R.T.: 4.681 min
Delta R.T.: 0.005 min
Response: 1407896
Conc: 2.56 ng/ml



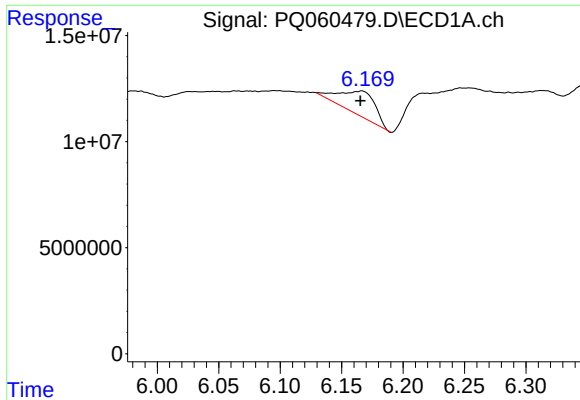
#28 AR-1254-3

R.T.: 5.872 min
Delta R.T.: -0.015 min
Response: 8725723
Conc: 6.42 ng/ml



#28 AR-1254-3

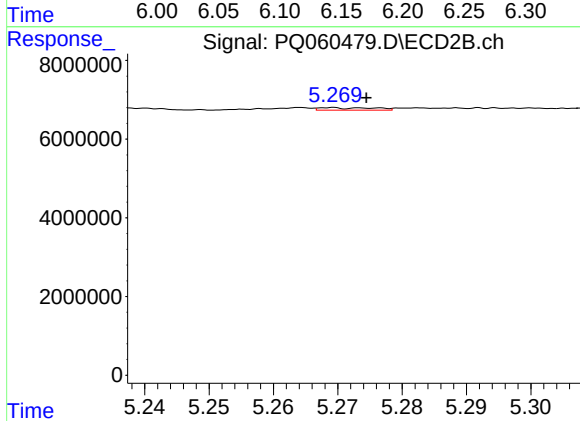
R.T.: 5.055 min
Delta R.T.: 0.004 min
Response: 1174695
Conc: 1.37 ng/ml



#29 AR-1254-4

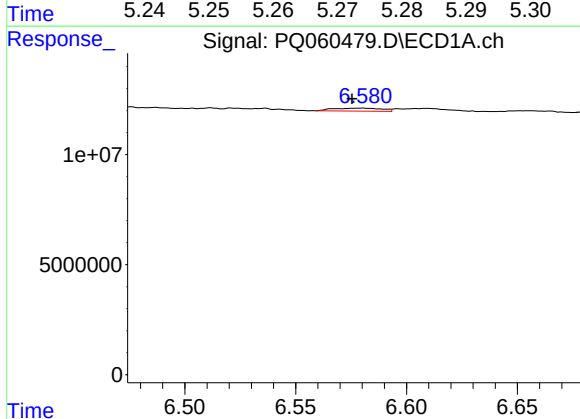
R.T.: 6.166 min
Delta R.T.: 0.001 min
Response: 22970168
Conc: 23.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



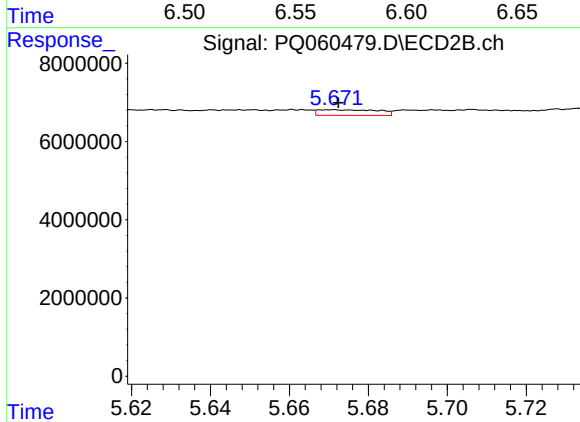
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.005 min
Response: 384870
Conc: 0.69 ng/ml



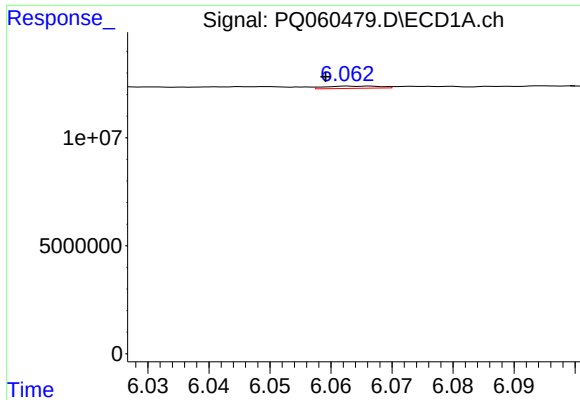
#30 AR-1254-5

R.T.: 6.580 min
Delta R.T.: 0.004 min
Response: 2086023
Conc: 1.99 ng/ml



#30 AR-1254-5

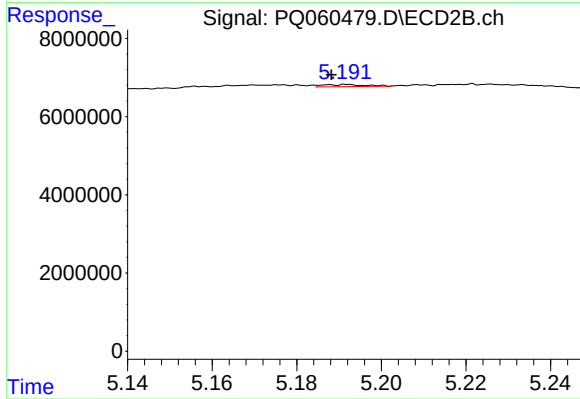
R.T.: 5.671 min
Delta R.T.: -0.001 min
Response: 1519710
Conc: 1.88 ng/ml



#31 AR-1260-1

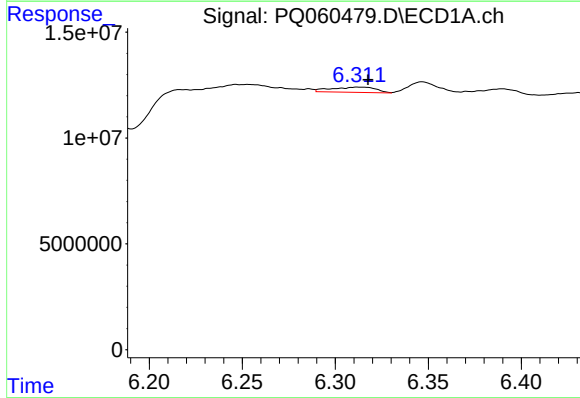
R.T.: 6.064 min
Delta R.T.: 0.005 min
Response: 665053
Conc: 0.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



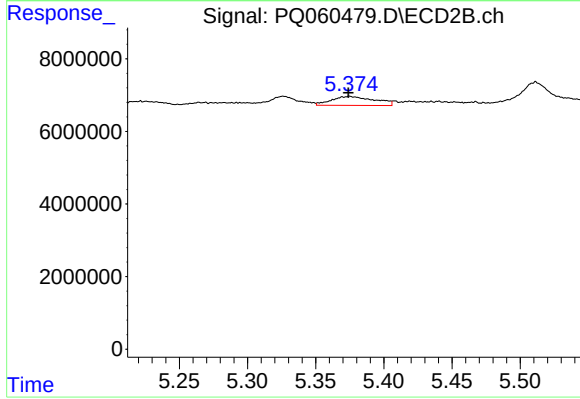
#31 AR-1260-1

R.T.: 5.192 min
Delta R.T.: 0.004 min
Response: 395812
Conc: 0.64 ng/ml



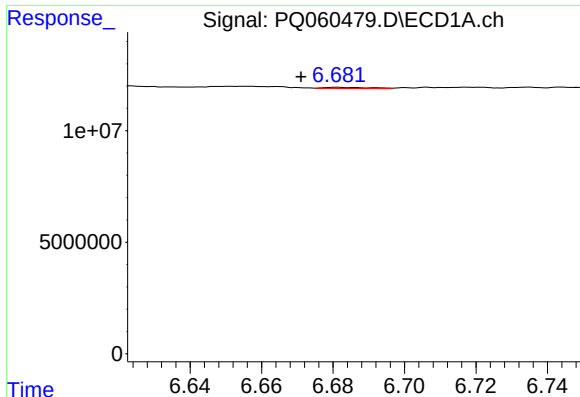
#32 AR-1260-2

R.T.: 6.313 min
Delta R.T.: -0.005 min
Response: 4075882
Conc: 3.29 ng/ml



#32 AR-1260-2

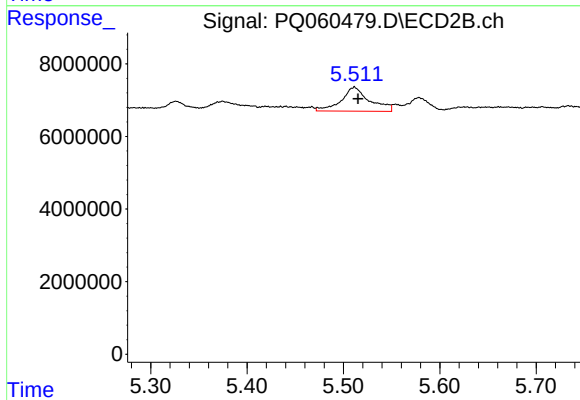
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 5416904
Conc: 7.26 ng/ml



#33 AR-1260-3

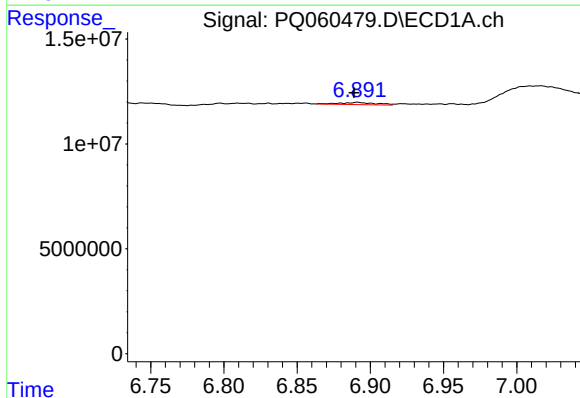
R.T.: 6.681 min
Delta R.T.: 0.010 min
Response: 465757
Conc: 0.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



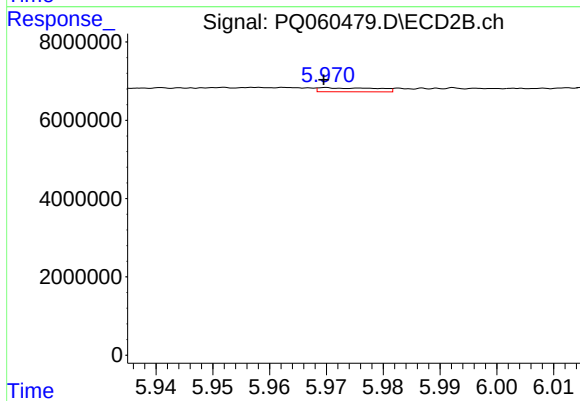
#33 AR-1260-3

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 13553745
Conc: 18.65 ng/ml



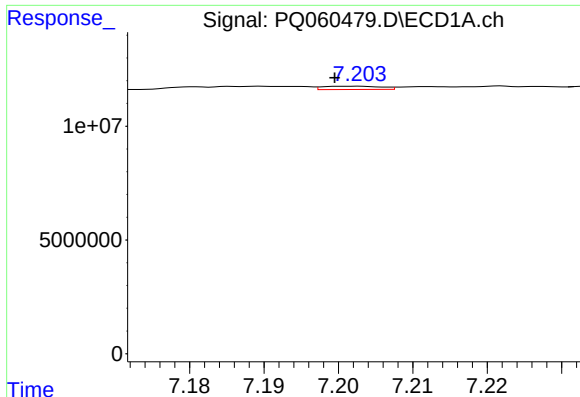
#34 AR-1260-4

R.T.: 6.891 min
Delta R.T.: 0.002 min
Response: 1757558
Conc: 1.78 ng/ml



#34 AR-1260-4

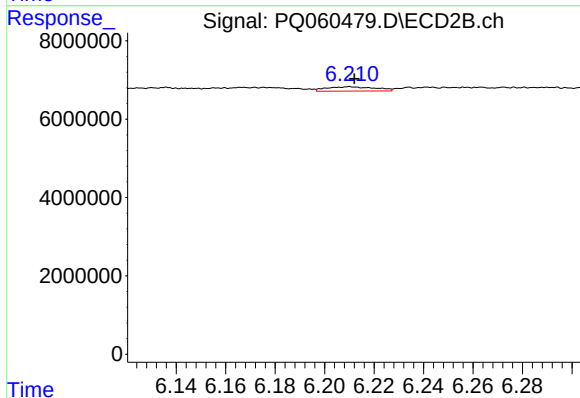
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 743263
Conc: 1.26 ng/ml



#35 AR-1260-5

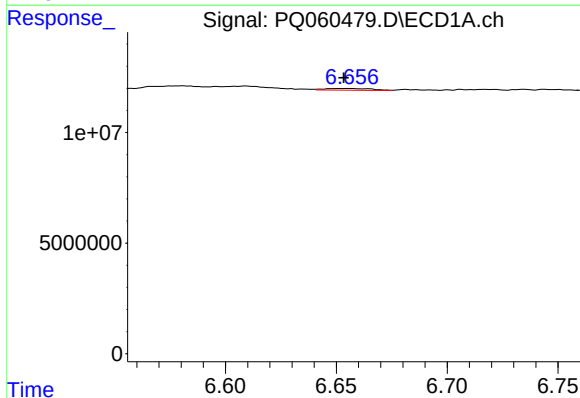
R.T.: 7.202 min
Delta R.T.: 0.002 min
Response: 771115
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



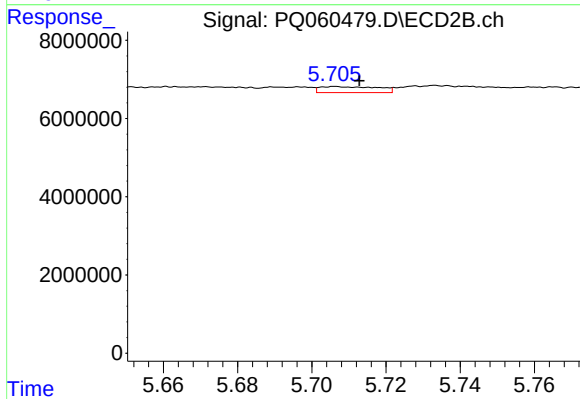
#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.002 min
Response: 1502324
Conc: 1.09 ng/ml



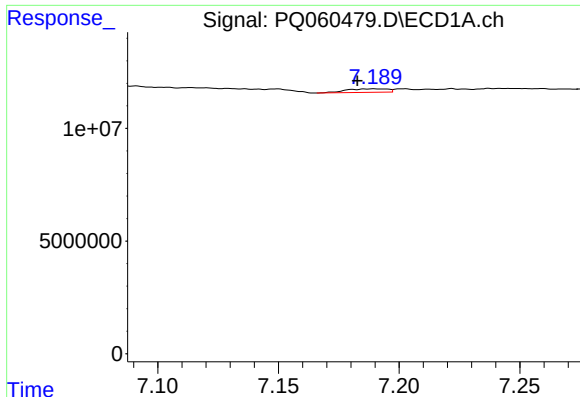
#36 AR-1262-1

R.T.: 6.656 min
Delta R.T.: 0.002 min
Response: 1113407
Conc: 0.97 ng/ml



#36 AR-1262-1

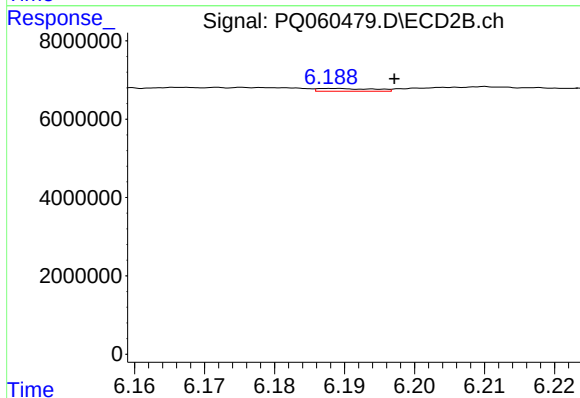
R.T.: 5.706 min
Delta R.T.: -0.006 min
Response: 1683679
Conc: 2.15 ng/ml



#37 AR-1262-2

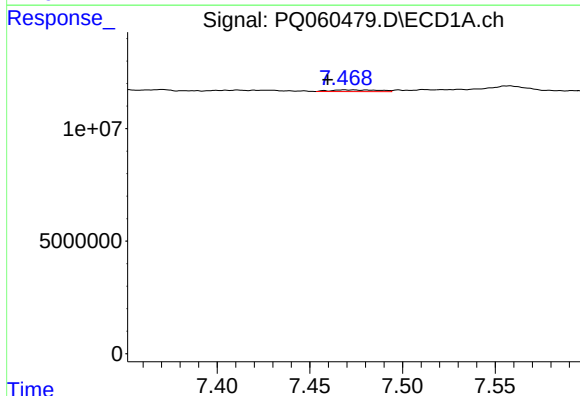
R.T.: 7.189 min
Delta R.T.: 0.007 min
Response: 1901262
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



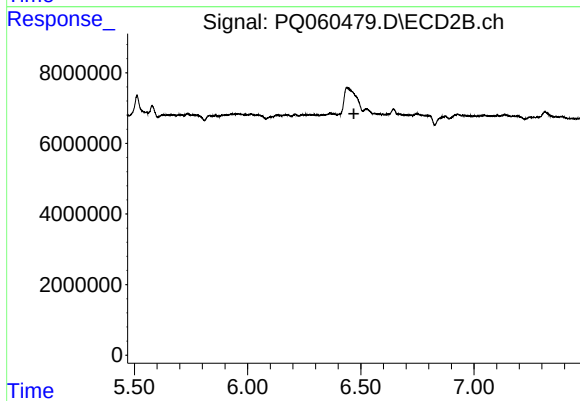
#37 AR-1262-2

R.T.: 6.188 min
Delta R.T.: -0.009 min
Response: 398293
Conc: 0.28 ng/ml



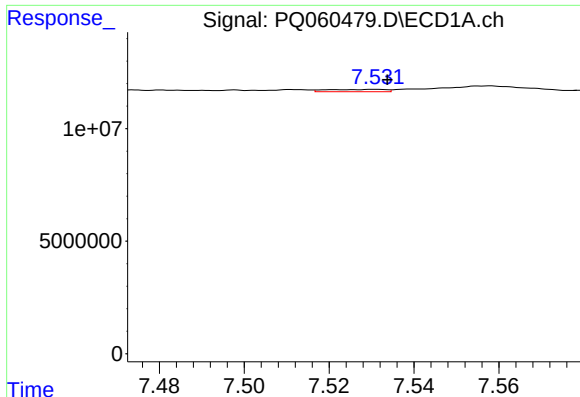
#38 AR-1262-3

R.T.: 7.468 min
Delta R.T.: 0.009 min
Response: 1290882
Conc: 0.99 ng/ml



#38 AR-1262-3

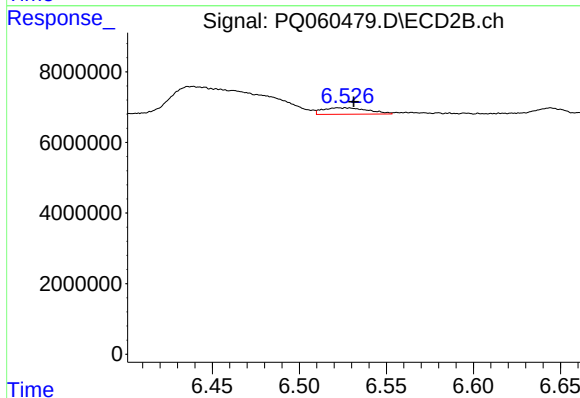
R.T.: 0.000 min
Exp R.T.: 6.469 min
Response: 0
Conc: N.D.



#39 AR-1262-4

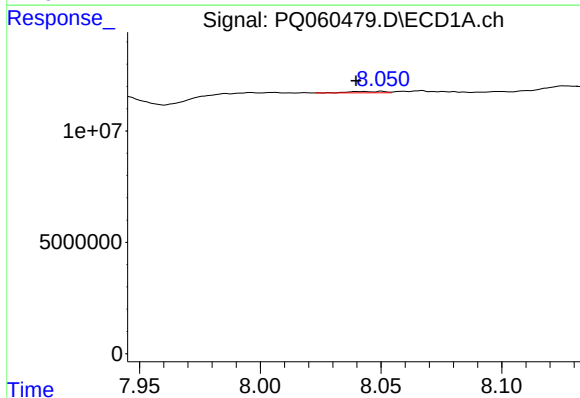
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 1003508
Conc: 0.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



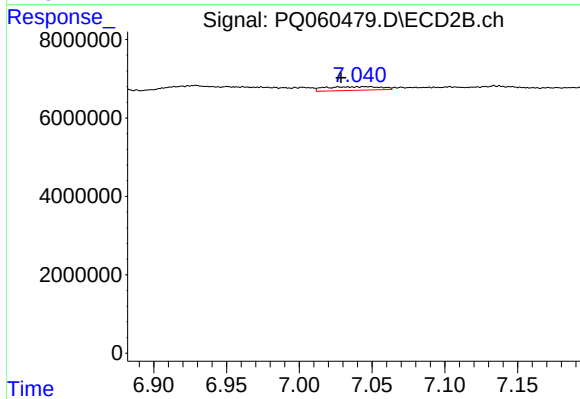
#39 AR-1262-4

R.T.: 6.522 min
Delta R.T.: -0.009 min
Response: 3288334
Conc: 3.08 ng/ml



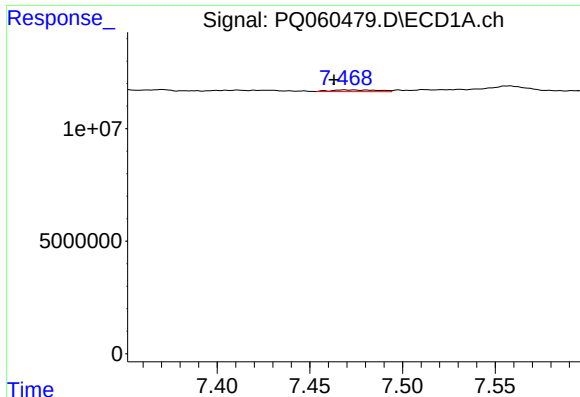
#40 AR-1262-5

R.T.: 8.042 min
Delta R.T.: 0.002 min
Response: 627909
Conc: 0.97 ng/ml



#40 AR-1262-5

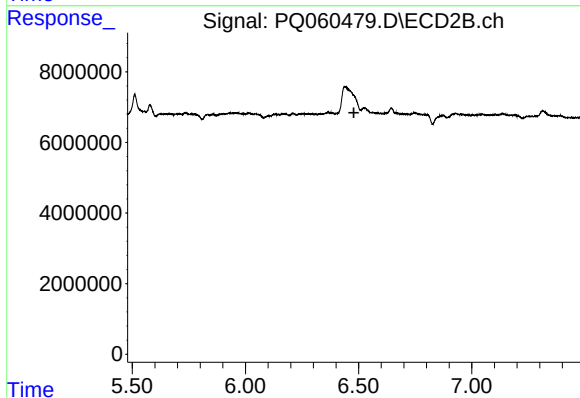
R.T.: 7.033 min
Delta R.T.: 0.005 min
Response: 2477661
Conc: 4.78 ng/ml



#41 AR-1268-1

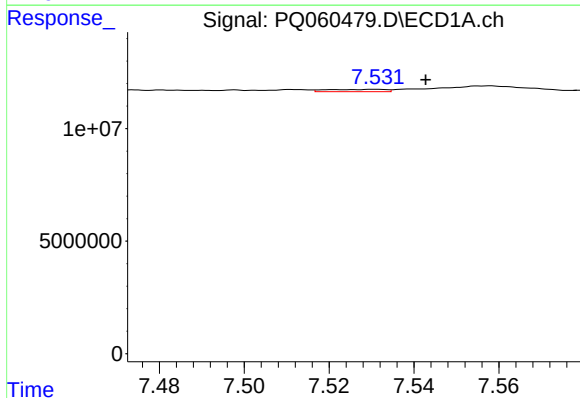
R.T.: 7.468 min
Delta R.T.: 0.005 min
Response: 1290882
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



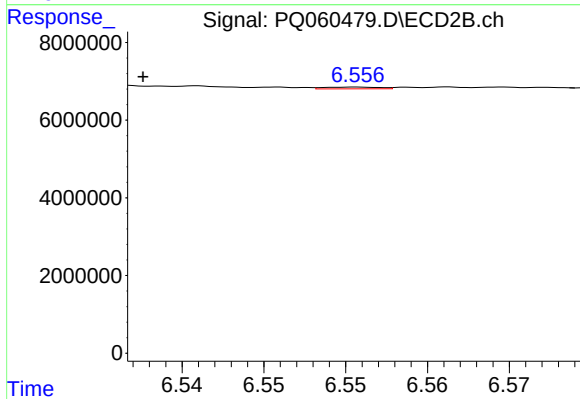
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.479 min
Response: 0
Conc: N.D.



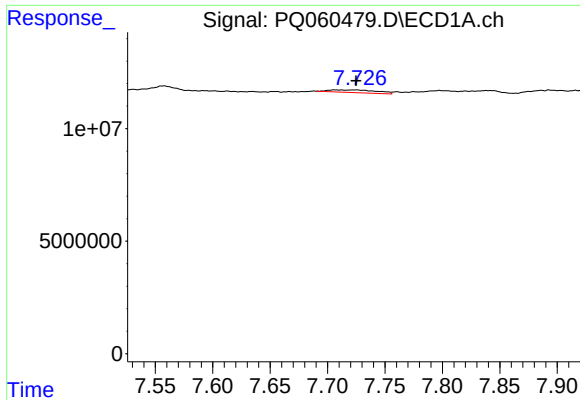
#42 AR-1268-2

R.T.: 7.531 min
Delta R.T.: -0.012 min
Response: 1003508
Conc: 0.47 ng/ml



#42 AR-1268-2

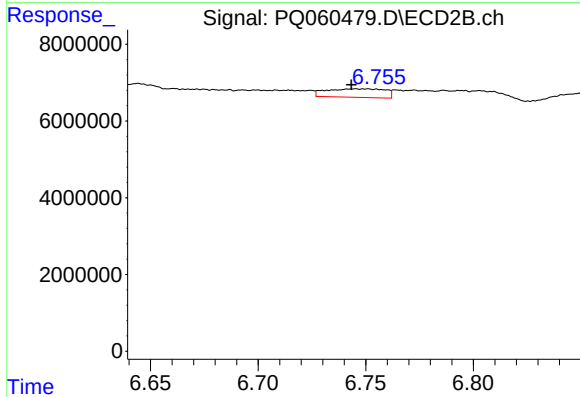
R.T.: 6.556 min
Delta R.T.: 0.013 min
Response: 105794
Conc: 0.07 ng/ml



#43 AR-1268-3

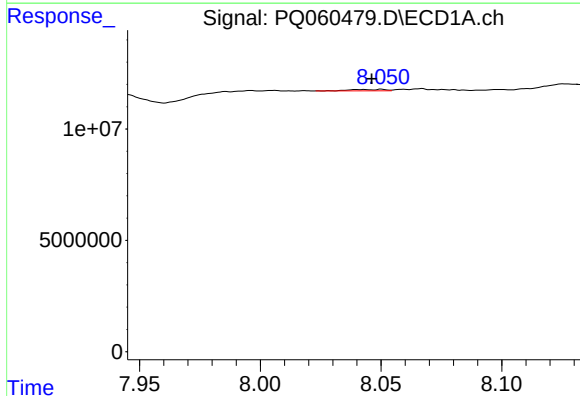
R.T.: 7.725 min
Delta R.T.: 0.000 min
Response: 3408231
Conc: 1.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



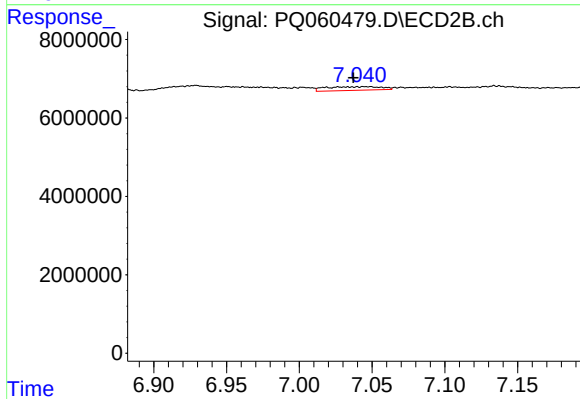
#43 AR-1268-3

R.T.: 6.746 min
Delta R.T.: 0.002 min
Response: 4196024
Conc: 3.08 ng/ml



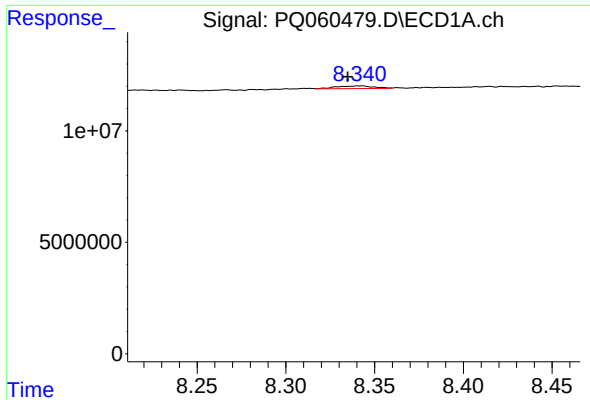
#44 AR-1268-4

R.T.: 8.042 min
Delta R.T.: -0.004 min
Response: 627909
Conc: 0.84 ng/ml



#44 AR-1268-4

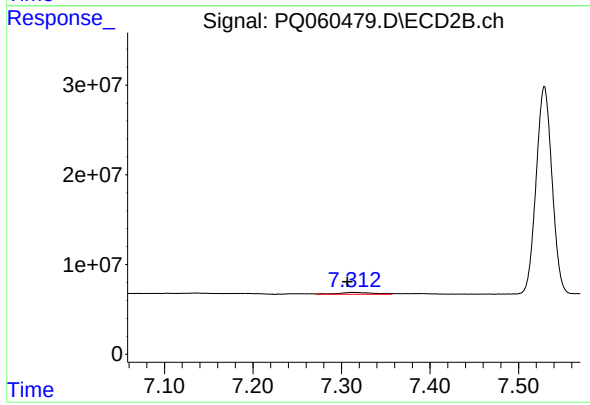
R.T.: 7.033 min
Delta R.T.: -0.004 min
Response: 2477661
Conc: 4.20 ng/ml



#45 AR-1268-5

R.T.: 8.342 min
Delta R.T.: 0.007 min
Response: 1811507
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.005 min
Response: 6072576
Conc: 1.42 ng/ml