

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050923\
 Data File : PQ061198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 06:20
 Operator : YP\AJ
 Sample : 02609-21
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 08:39:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050923CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 10 04:07:21 2023
 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...	3.405	2.761	78065707	45371679	12.731	13.435
2)	SA Decachlor...	8.583	7.535	98432809	84150264	22.450	21.366
Target Compounds							
3)	L1 AR-1016-1	4.468f	3.765	9469704	227725	47.536	1.859 #
4)	L1 AR-1016-2	4.468f	3.765	9469704	227725	31.870	1.277 #
5)	L1 AR-1016-3	4.597	3.873f	20893964	368161	111.900	3.889 #
6)	L1 AR-1016-4	4.691	0.000	278672	0	1.827	N.D. #
7)	L1 AR-1016-5	4.968	4.244f	450099	259272	3.021	2.588
8)	L2 AR-1221-1	3.608	2.903f	2504971	2332522	33.186	52.278 #
9)	L2 AR-1221-2	3.684	3.029	1986355	554346	38.138	17.383 #
10)	L2 AR-1221-3	3.770	3.109	698211	373286	4.175	3.678
11)	L3 AR-1232-1	3.770	3.109	698211	373286	5.146	4.526
12)	L3 AR-1232-2	4.260	3.765	1357334	227725	19.863	2.801 #
13)	L3 AR-1232-3	4.468f	3.873f	9469704	368161	70.651	8.941 #
14)	L3 AR-1232-4	4.691	0.000	278672	0	4.092	N.D. #
15)	L3 AR-1232-5	4.796	4.244f	188456	259272	3.870	6.248 #
16)	L4 AR-1242-1	4.468f	3.765	9469704	227725	56.079	2.231 #
17)	L4 AR-1242-2	4.468f	3.765	9469704	227725	38.174	1.535 #
18)	L4 AR-1242-3	4.597	3.873f	20893964	368161	134.437	4.744 #
19)	L4 AR-1242-4	4.691	0.000	278672	0	2.196	N.D. #
20)	L4 AR-1242-5	5.415	4.524	4900756	522354	35.175	5.226 #
21)	L5 AR-1248-1	4.468f	3.765	9469704	227725	74.872	2.910 #
22)	L5 AR-1248-2	4.796	0.000	188456	0	1.109	N.D. #
23)	L5 AR-1248-3	4.968	0.000	450099	0	2.193	N.D. #
24)	L5 AR-1248-4	5.325	4.244f	2154663	259272	9.143	1.907 #
25)	L5 AR-1248-5	5.415	4.555	4900756	486248	21.208	3.524 #
26)	L6 AR-1254-1	5.325	4.524	2154663	522354	9.500	2.606 #
27)	L6 AR-1254-2	5.543	4.641	1307072	203890	3.682	1.161 #
28)	L6 AR-1254-3	5.874	5.036	399698	2538189	1.062	9.002 #
30)	L6 AR-1254-5	0.000	5.677	0	834769	N.D.	3.200 #
31)	L7 AR-1260-1	6.110f	5.179	146454	1205991	0.502	5.889 #
32)	L7 AR-1260-2	6.321	5.378	1187750	553010	3.338	2.202 #
33)	L7 AR-1260-3	0.000	5.533	0	1862821	N.D.	7.920 #
34)	L7 AR-1260-4	6.834f	0.000	1275755	0	4.286	N.D. #
35)	L7 AR-1260-5	7.240	6.192	1475349	250259	2.540	0.554 #
36)	L8 AR-1262-1	0.000	5.677f	0	834769	N.D.	3.050 #
37)	L8 AR-1262-2	7.240f	6.192	1475349	250259	2.226	0.497 #
38)	L8 AR-1262-3	0.000	6.514	0	991734	N.D.	4.821 #
39)	L8 AR-1262-4	0.000	6.514f	0	991734	N.D.	2.586 #
40)	L8 AR-1262-5	8.000f	7.075	1951899	155418	8.700	0.829 #
41)	L9 AR-1268-1	0.000	6.514	0	991734	N.D.	2.123 #
42)	L9 AR-1268-2	0.000	6.514f	0	991734	N.D.	2.338 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 08:39:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050923CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 10 04:07:21 2023
 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
44) L9	AR-1268-4	8.000f	7.075	1951899	155418	9.960	0.945 #
45) L9	AR-1268-5	8.351	7.318	790871	887938	0.606	0.756

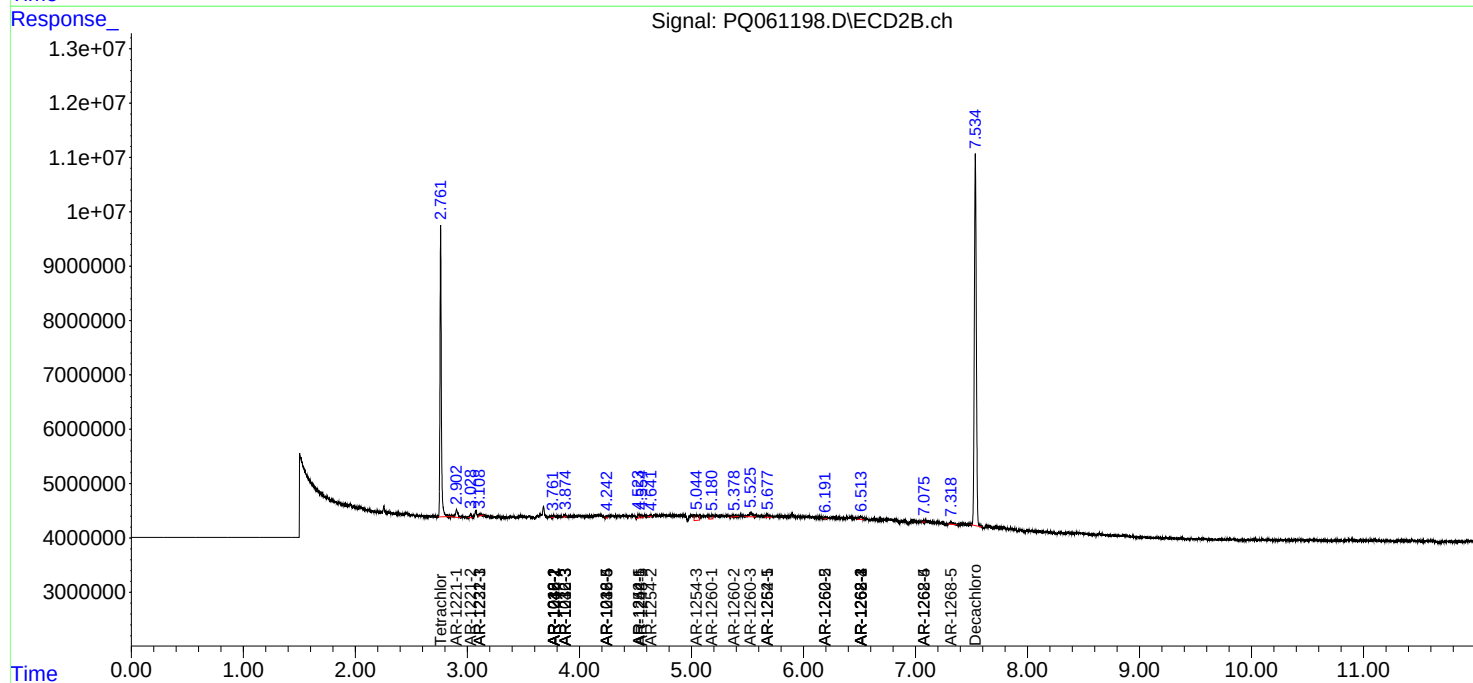
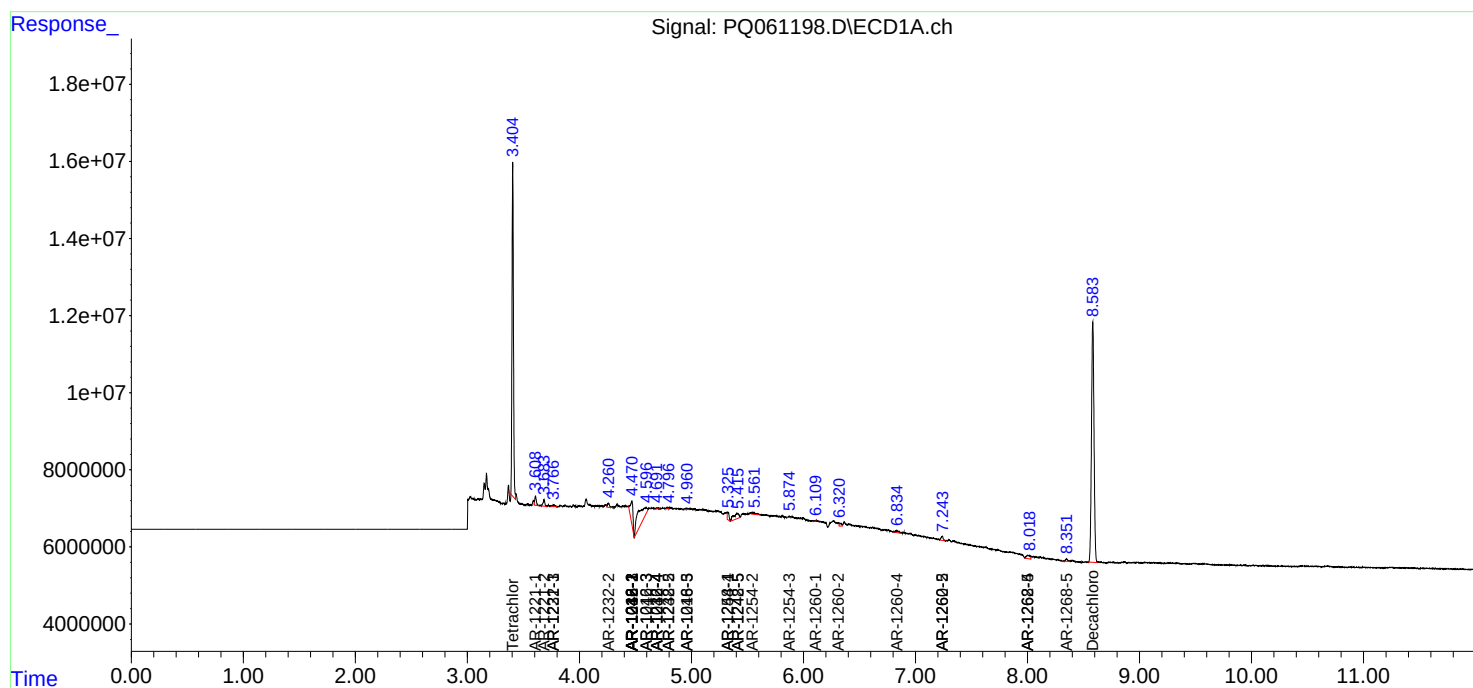
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

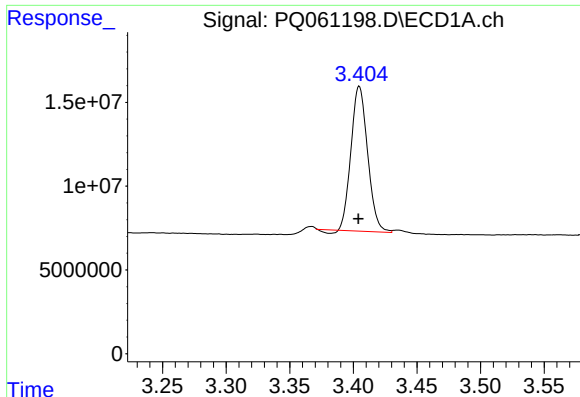
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050923\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Quant Title : GC EXTRACTABLES
QLast Update : Wed May 10 04:07:21 2023
Response via : Initial 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

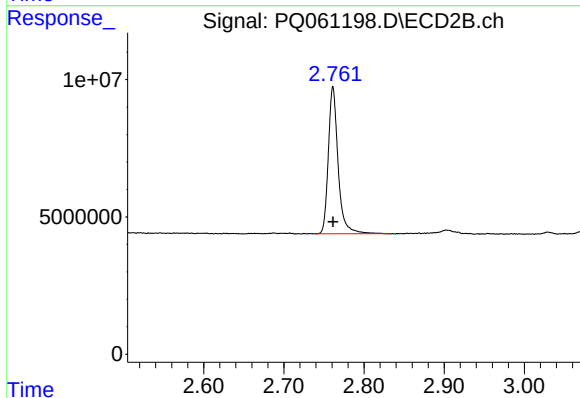




#1 Tetrachloro-m-xylene

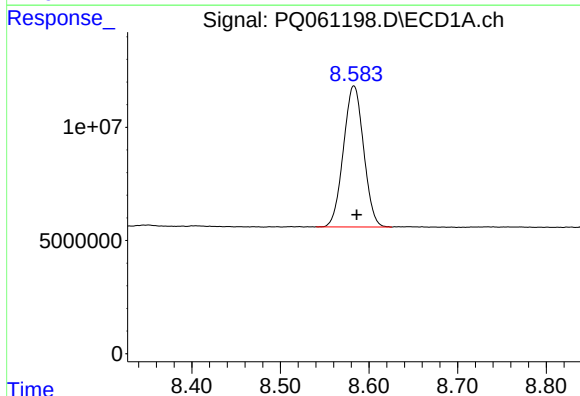
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 78065707
Conc: 12.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



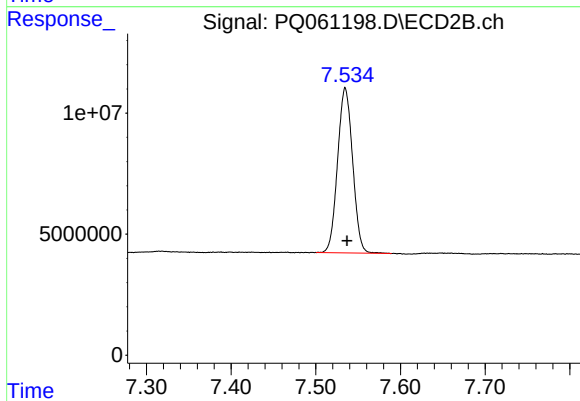
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 45371679
Conc: 13.44 ng/ml



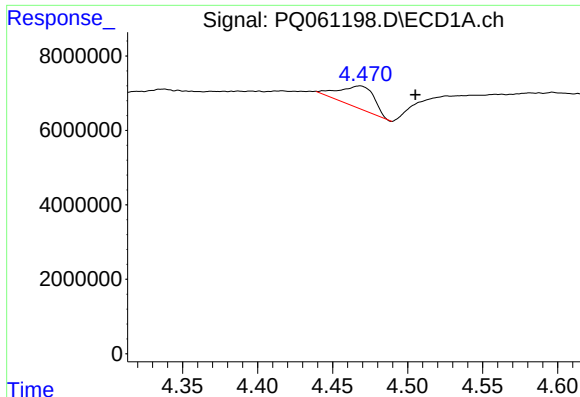
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.003 min
Response: 98432809
Conc: 22.45 ng/ml



#2 Decachlorobiphenyl

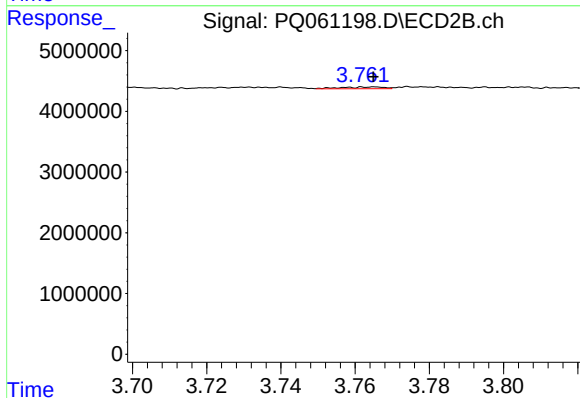
R.T.: 7.535 min
Delta R.T.: -0.002 min
Response: 84150264
Conc: 21.37 ng/ml



#3 AR-1016-1

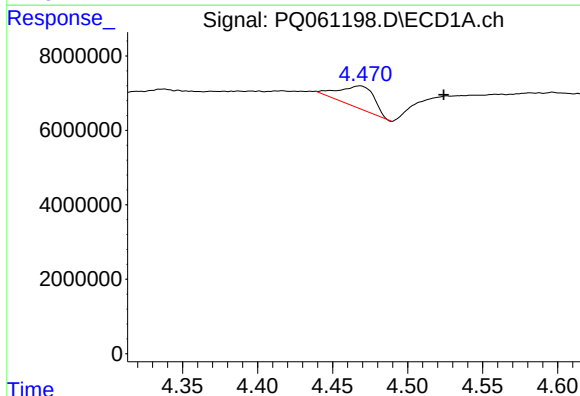
R.T.: 4.468 min
Delta R.T.: -0.037 min
Response: 9469704
Conc: 47.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



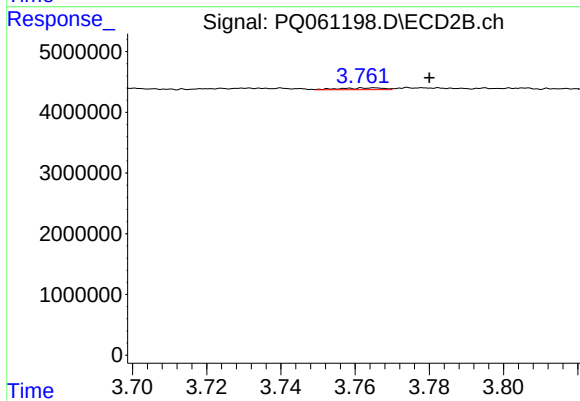
#3 AR-1016-1

R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 227725
Conc: 1.86 ng/ml



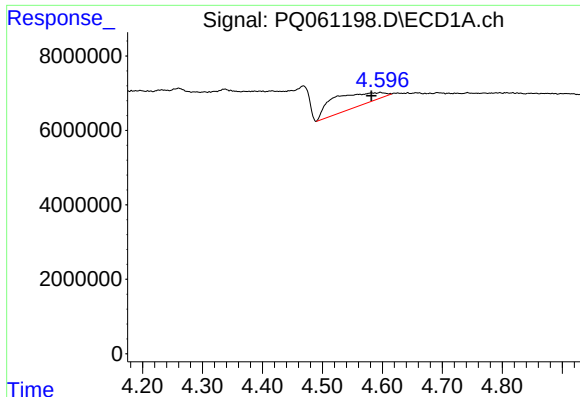
#4 AR-1016-2

R.T.: 4.468 min
Delta R.T.: -0.056 min
Response: 9469704
Conc: 31.87 ng/ml



#4 AR-1016-2

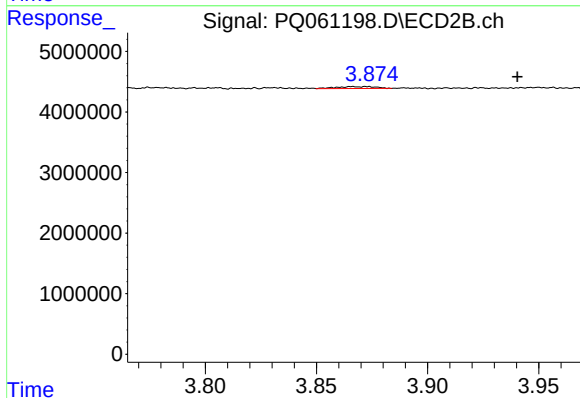
R.T.: 3.765 min
Delta R.T.: -0.015 min
Response: 227725
Conc: 1.28 ng/ml



#5 AR-1016-3

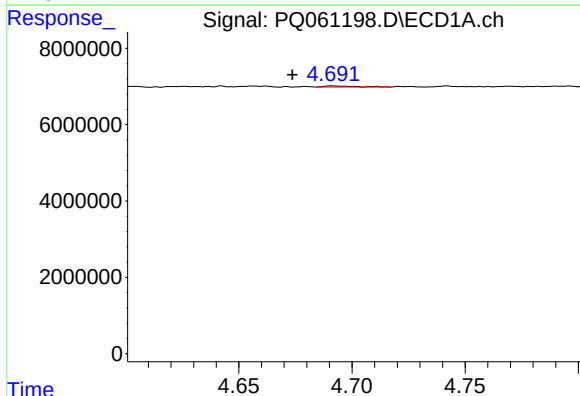
R.T.: 4.597 min
Delta R.T.: 0.015 min
Response: 20893964
Conc: 111.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



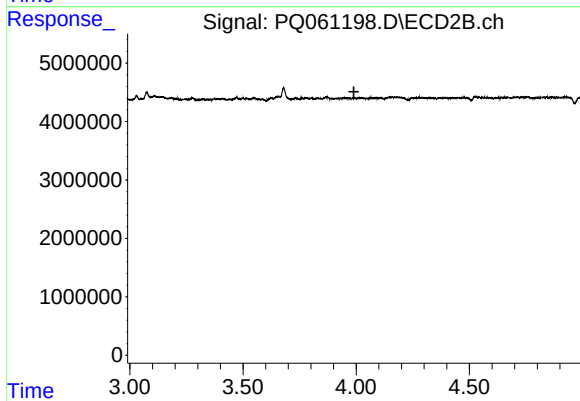
#5 AR-1016-3

R.T.: 3.873 min
Delta R.T.: -0.068 min
Response: 368161
Conc: 3.89 ng/ml



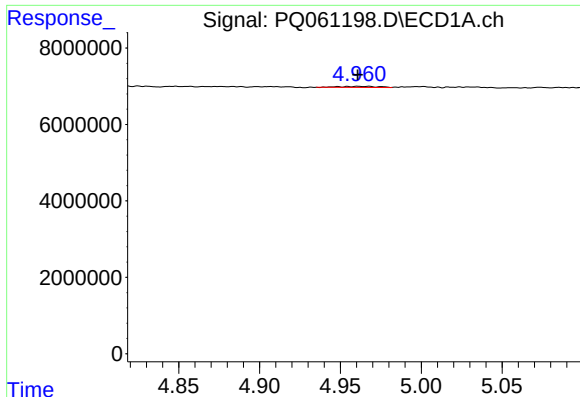
#6 AR-1016-4

R.T.: 4.691 min
Delta R.T.: 0.018 min
Response: 278672
Conc: 1.83 ng/ml



#6 AR-1016-4

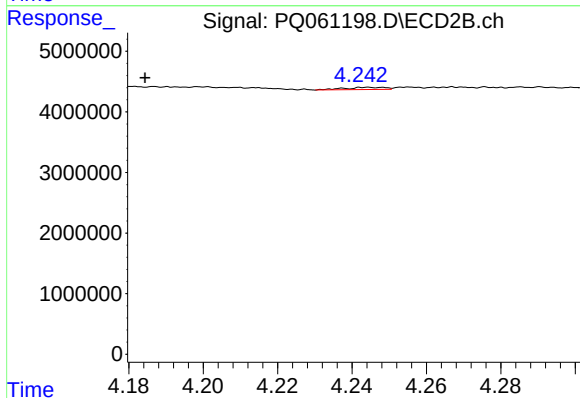
R.T.: 0.000 min
Exp R.T.: 3.990 min
Response: 0
Conc: N.D.



#7 AR-1016-5

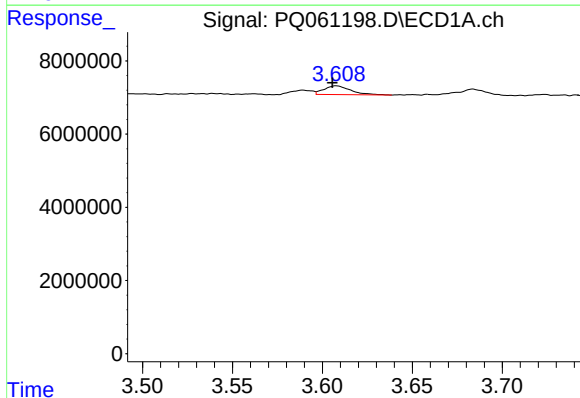
R.T.: 4.968 min
Delta R.T.: 0.007 min
Response: 450099
Conc: 3.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



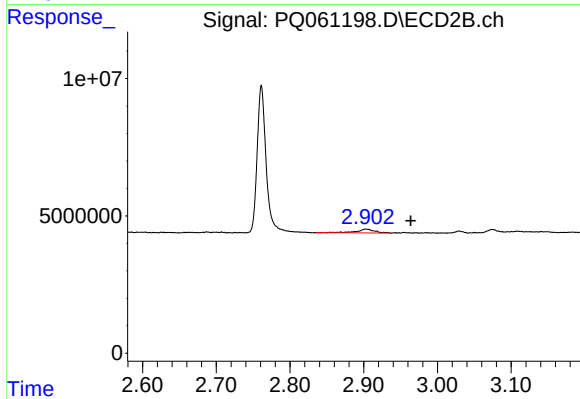
#7 AR-1016-5

R.T.: 4.244 min
Delta R.T.: 0.060 min
Response: 259272
Conc: 2.59 ng/ml



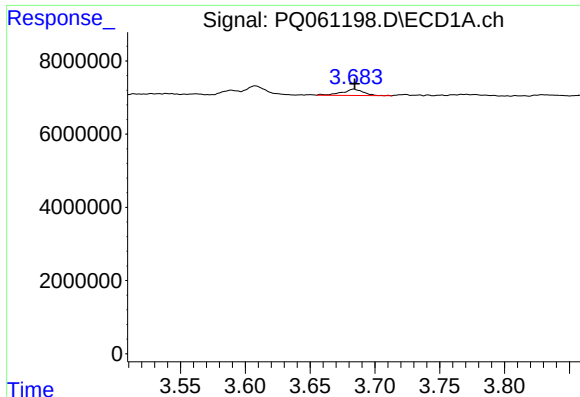
#8 AR-1221-1

R.T.: 3.608 min
Delta R.T.: 0.002 min
Response: 2504971
Conc: 33.19 ng/ml



#8 AR-1221-1

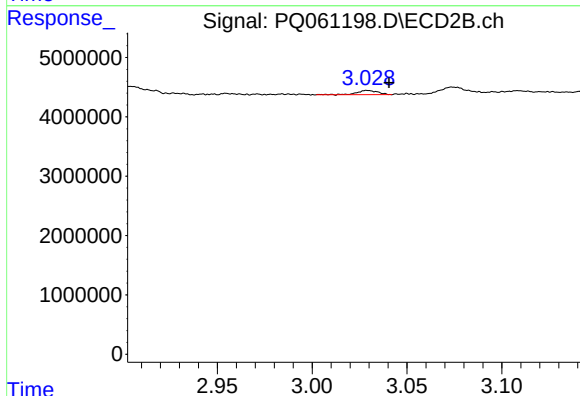
R.T.: 2.903 min
Delta R.T.: -0.061 min
Response: 2332522
Conc: 52.28 ng/ml



#9 AR-1221-2

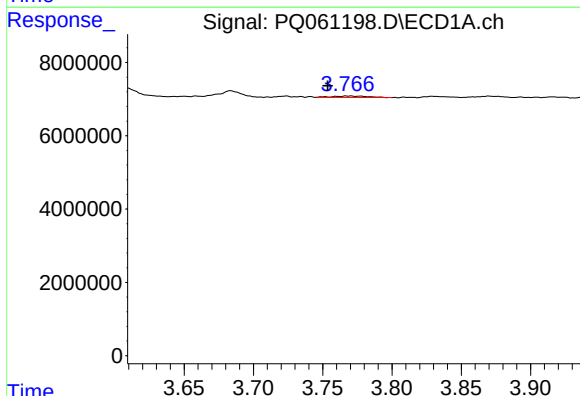
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 1986355
Conc: 38.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



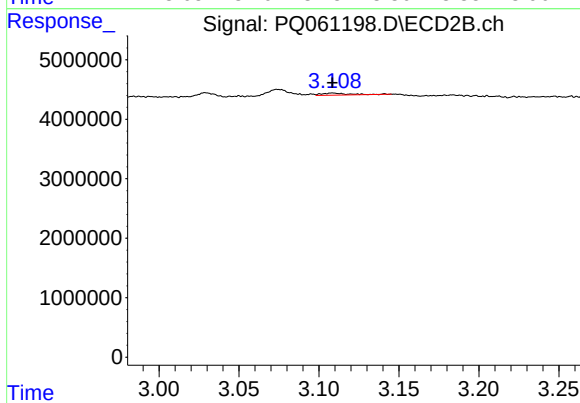
#9 AR-1221-2

R.T.: 3.029 min
Delta R.T.: -0.011 min
Response: 554346
Conc: 17.38 ng/ml



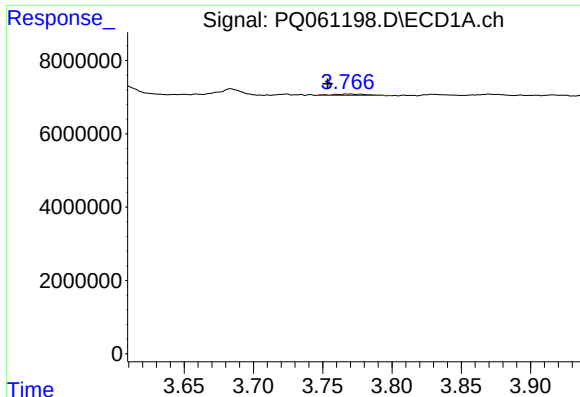
#10 AR-1221-3

R.T.: 3.770 min
Delta R.T.: 0.016 min
Response: 698211
Conc: 4.18 ng/ml



#10 AR-1221-3

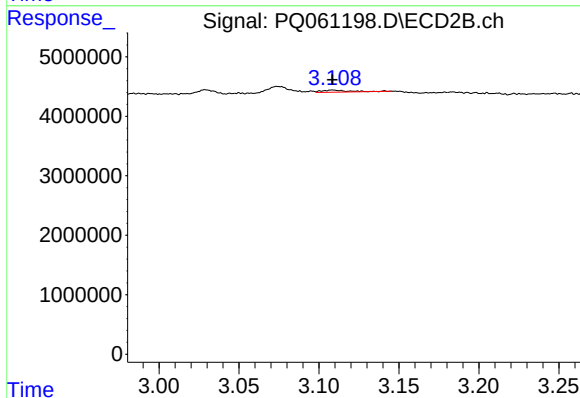
R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 373286
Conc: 3.68 ng/ml



#11 AR-1232-1

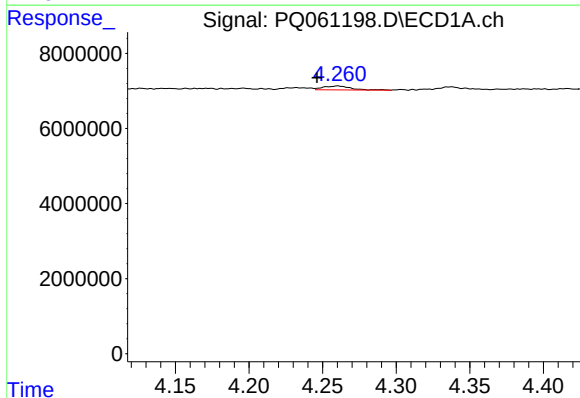
R.T.: 3.770 min
Delta R.T.: 0.016 min
Response: 698211
Conc: 5.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



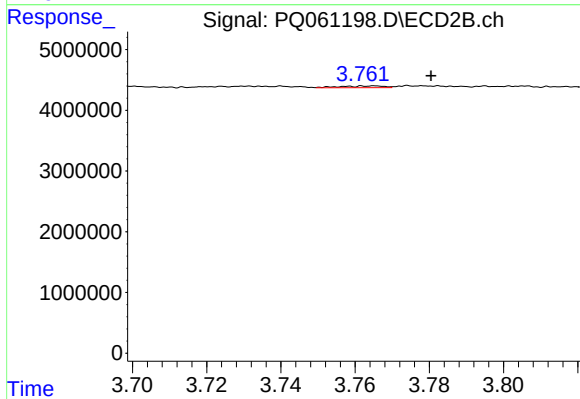
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 373286
Conc: 4.53 ng/ml



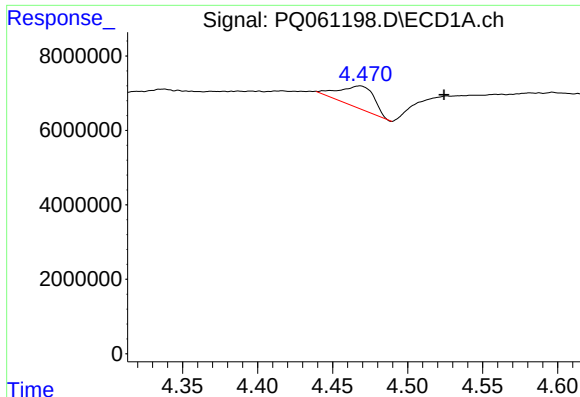
#12 AR-1232-2

R.T.: 4.260 min
Delta R.T.: 0.014 min
Response: 1357334
Conc: 19.86 ng/ml



#12 AR-1232-2

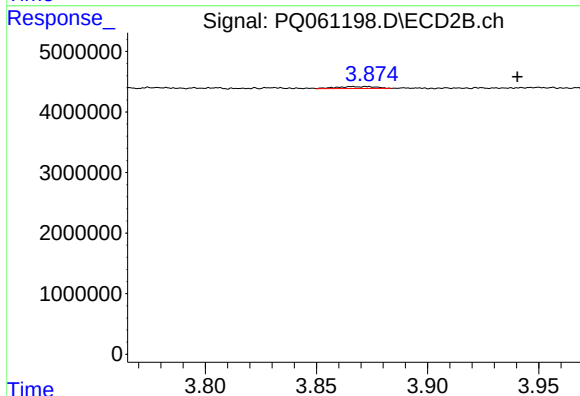
R.T.: 3.765 min
Delta R.T.: -0.016 min
Response: 227725
Conc: 2.80 ng/ml



#13 AR-1232-3

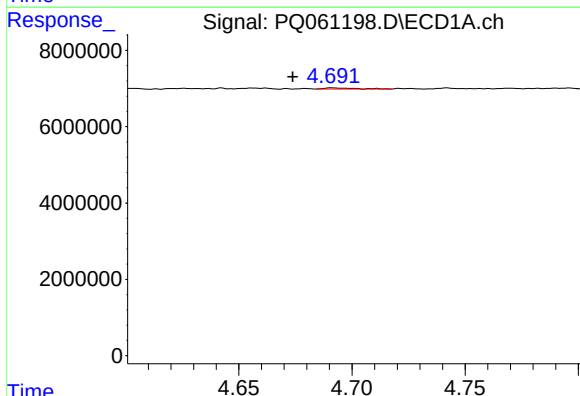
R.T.: 4.468 min
Delta R.T.: -0.056 min
Response: 9469704
Conc: 70.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



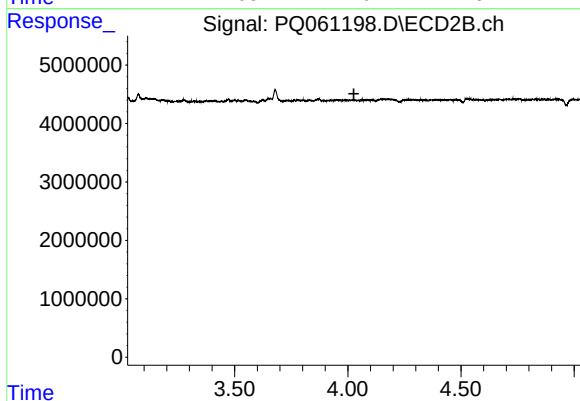
#13 AR-1232-3

R.T.: 3.873 min
Delta R.T.: -0.068 min
Response: 368161
Conc: 8.94 ng/ml



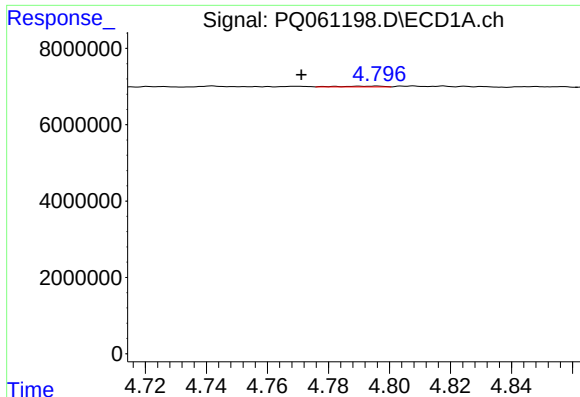
#14 AR-1232-4

R.T.: 4.691 min
Delta R.T.: 0.018 min
Response: 278672
Conc: 4.09 ng/ml



#14 AR-1232-4

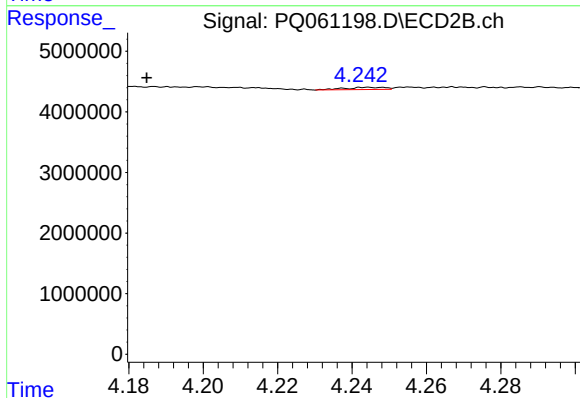
R.T.: 0.000 min
Exp R.T.: 4.027 min
Response: 0
Conc: N.D.



#15 AR-1232-5

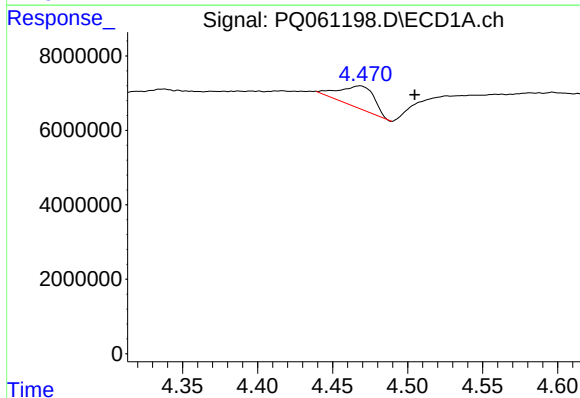
R.T.: 4.796 min
Delta R.T.: 0.025 min
Response: 188456
Conc: 3.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



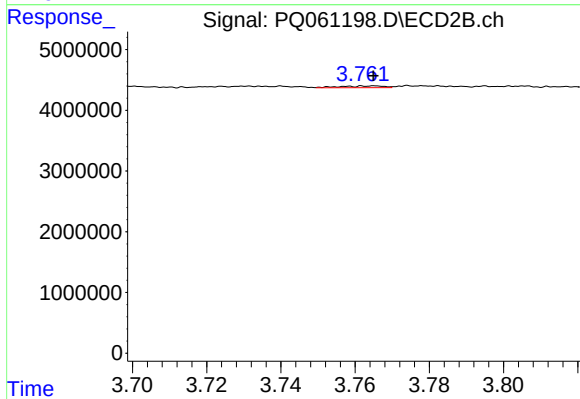
#15 AR-1232-5

R.T.: 4.244 min
Delta R.T.: 0.059 min
Response: 259272
Conc: 6.25 ng/ml



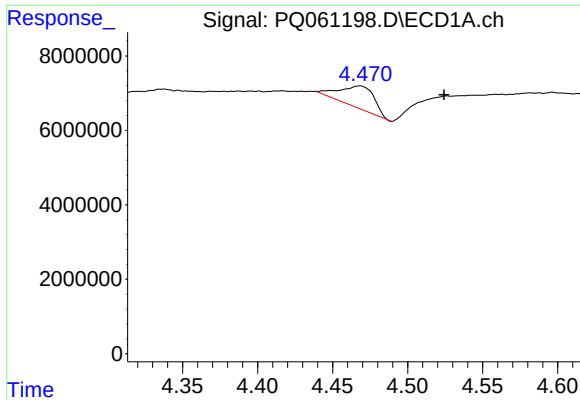
#16 AR-1242-1

R.T.: 4.468 min
Delta R.T.: -0.037 min
Response: 9469704
Conc: 56.08 ng/ml



#16 AR-1242-1

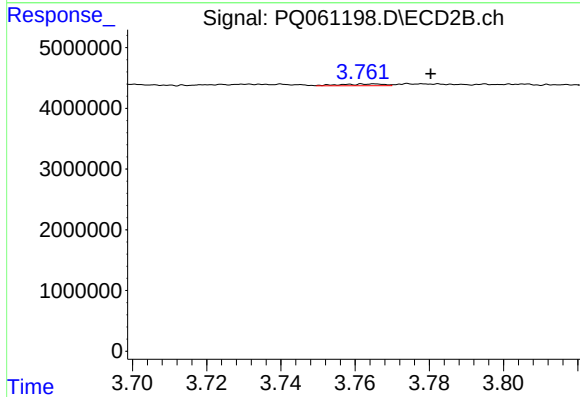
R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 227725
Conc: 2.23 ng/ml



#17 AR-1242-2

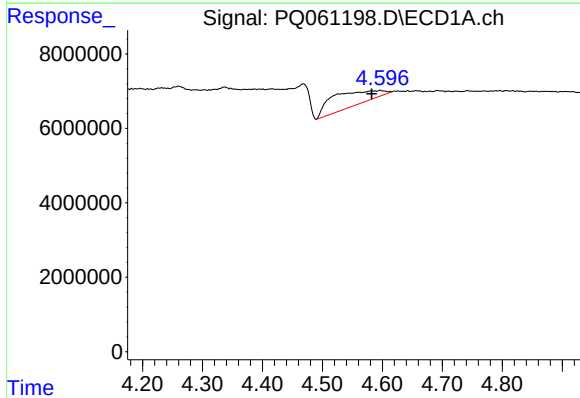
R.T.: 4.468 min
Delta R.T.: -0.056 min
Response: 9469704
Conc: 38.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



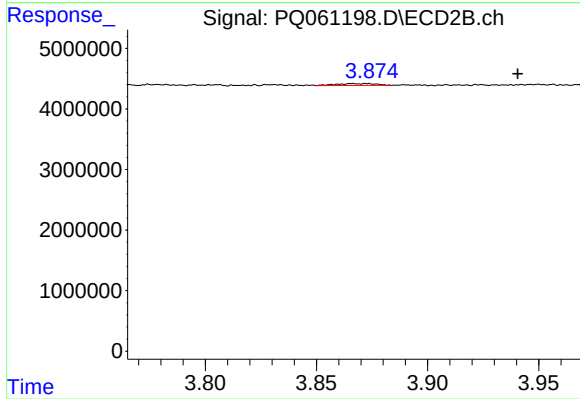
#17 AR-1242-2

R.T.: 3.765 min
Delta R.T.: -0.015 min
Response: 227725
Conc: 1.53 ng/ml



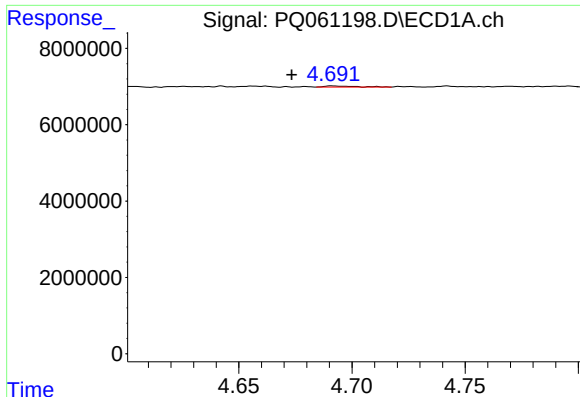
#18 AR-1242-3

R.T.: 4.597 min
Delta R.T.: 0.014 min
Response: 20893964
Conc: 134.44 ng/ml



#18 AR-1242-3

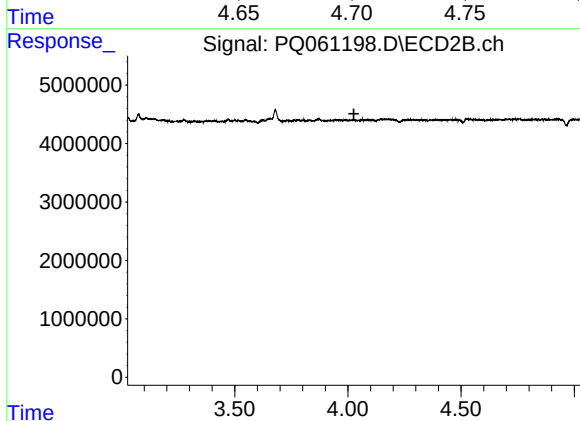
R.T.: 3.873 min
Delta R.T.: -0.068 min
Response: 368161
Conc: 4.74 ng/ml



#19 AR-1242-4

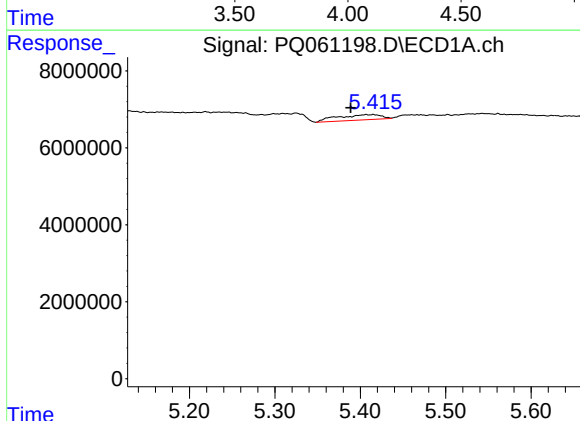
R.T.: 4.691 min
Delta R.T.: 0.018 min
Response: 278672
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



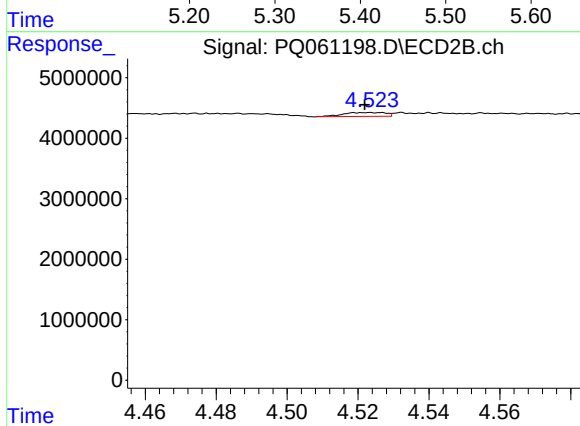
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.026 min
Response: 0
Conc: N.D.



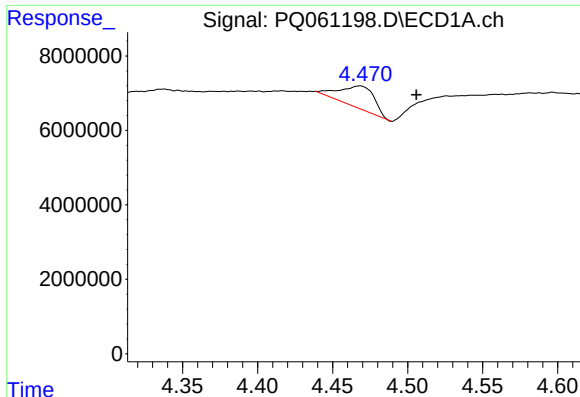
#20 AR-1242-5

R.T.: 5.415 min
Delta R.T.: 0.026 min
Response: 4900756
Conc: 35.17 ng/ml



#20 AR-1242-5

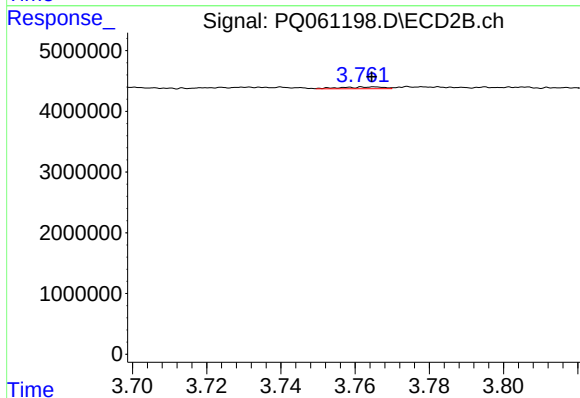
R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 522354
Conc: 5.23 ng/ml



#21 AR-1248-1

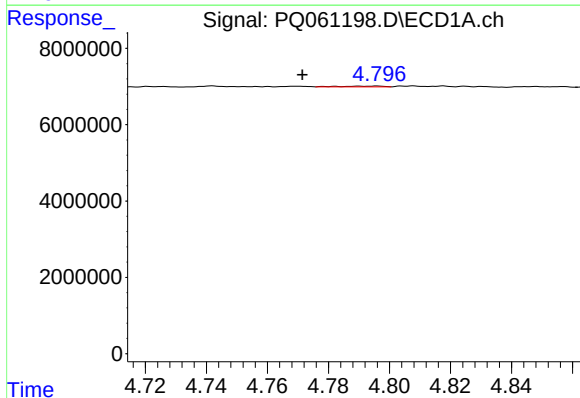
R.T.: 4.468 min
Delta R.T.: -0.038 min
Response: 9469704
Conc: 74.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



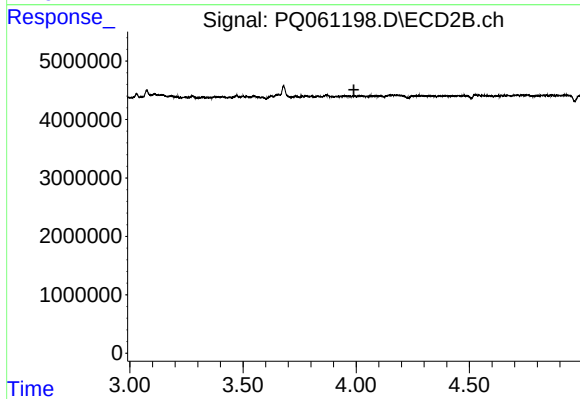
#21 AR-1248-1

R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 227725
Conc: 2.91 ng/ml



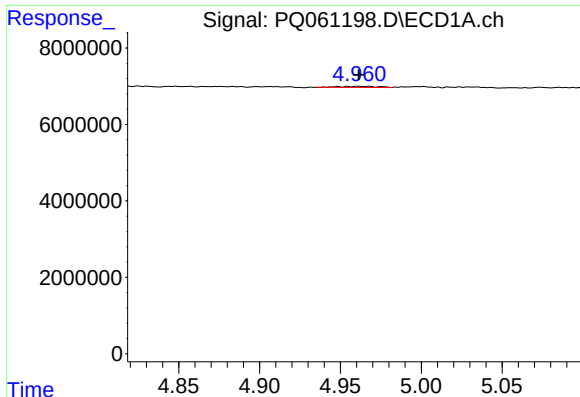
#22 AR-1248-2

R.T.: 4.796 min
Delta R.T.: 0.024 min
Response: 188456
Conc: 1.11 ng/ml



#22 AR-1248-2

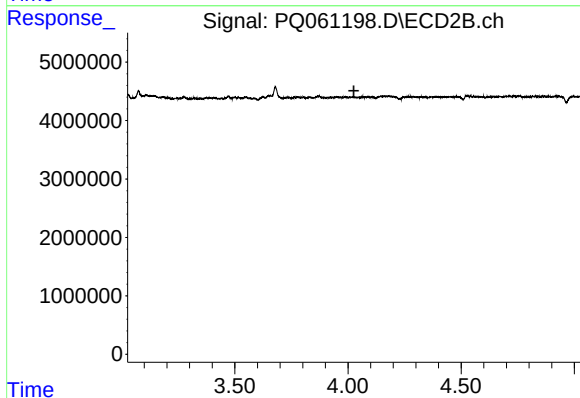
R.T.: 0.000 min
Exp R.T.: 3.990 min
Response: 0
Conc: N.D.



#23 AR-1248-3

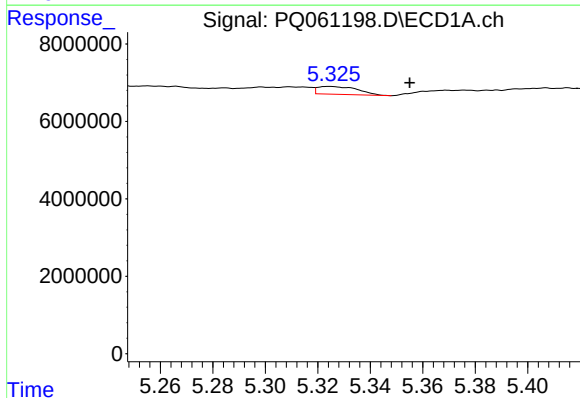
R.T.: 4.968 min
Delta R.T.: 0.006 min
Response: 450099
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



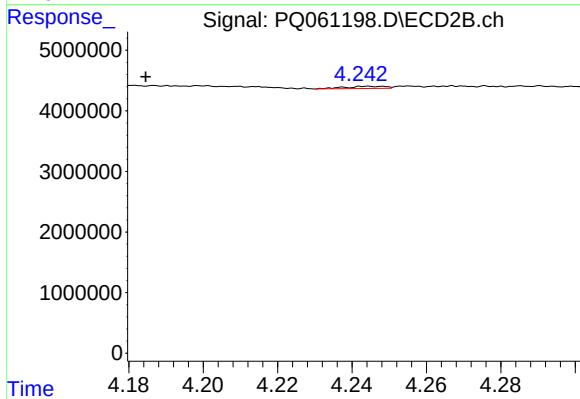
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.026 min
Response: 0
Conc: N.D.



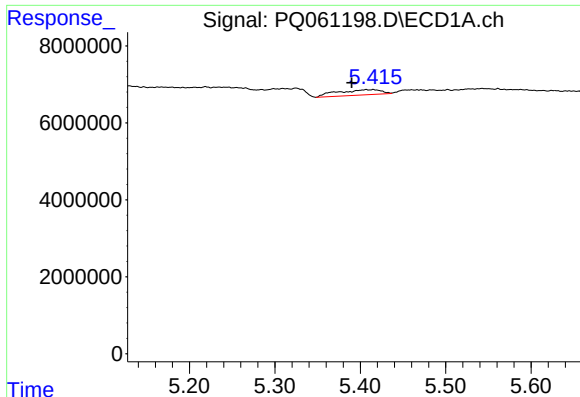
#24 AR-1248-4

R.T.: 5.325 min
Delta R.T.: -0.030 min
Response: 2154663
Conc: 9.14 ng/ml



#24 AR-1248-4

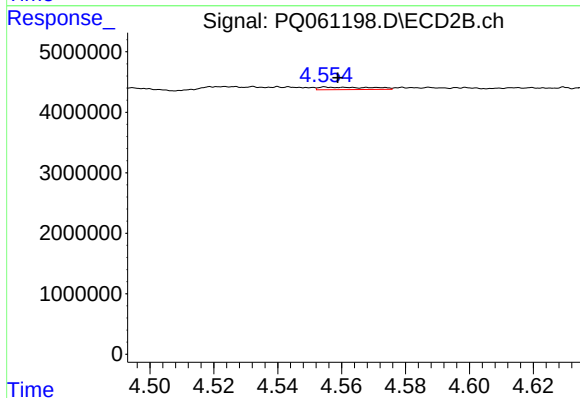
R.T.: 4.244 min
Delta R.T.: 0.060 min
Response: 259272
Conc: 1.91 ng/ml



#25 AR-1248-5

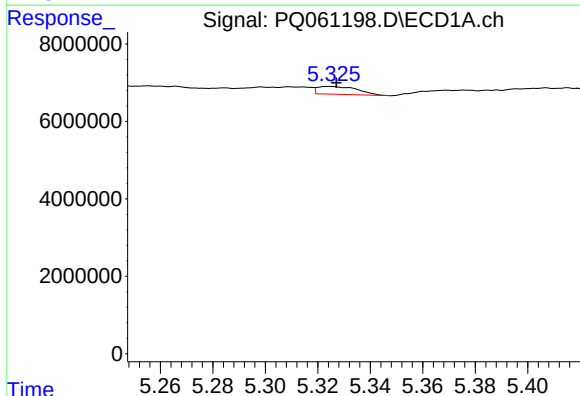
R.T.: 5.415 min
Delta R.T.: 0.025 min
Response: 4900756
Conc: 21.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



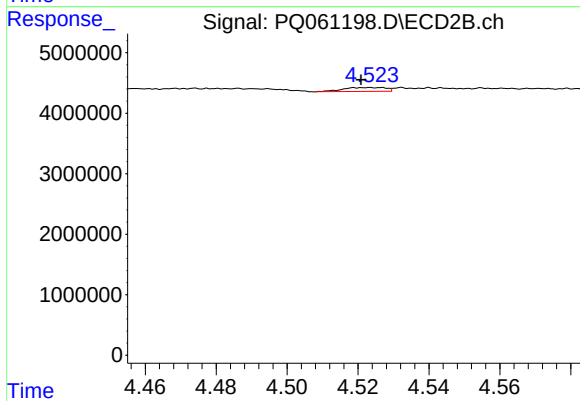
#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: -0.004 min
Response: 486248
Conc: 3.52 ng/ml



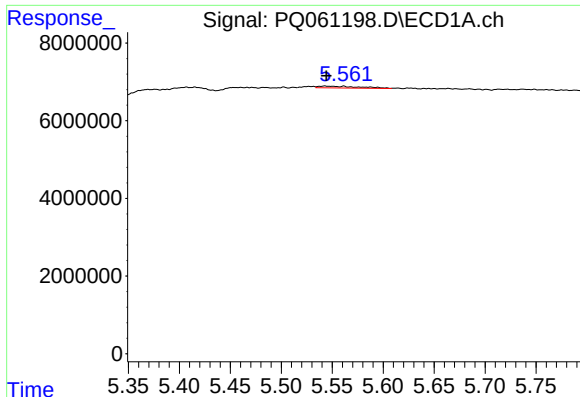
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.003 min
Response: 2154663
Conc: 9.50 ng/ml



#26 AR-1254-1

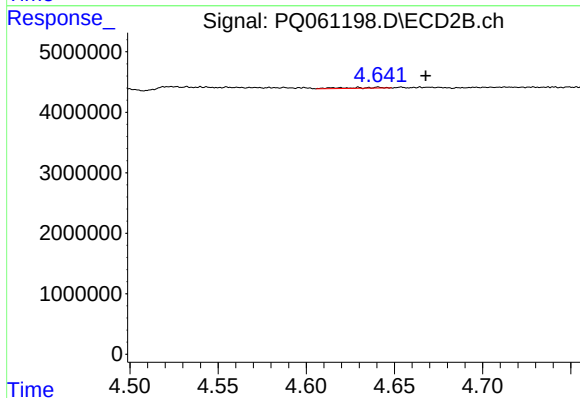
R.T.: 4.524 min
Delta R.T.: 0.003 min
Response: 522354
Conc: 2.61 ng/ml



#27 AR-1254-2

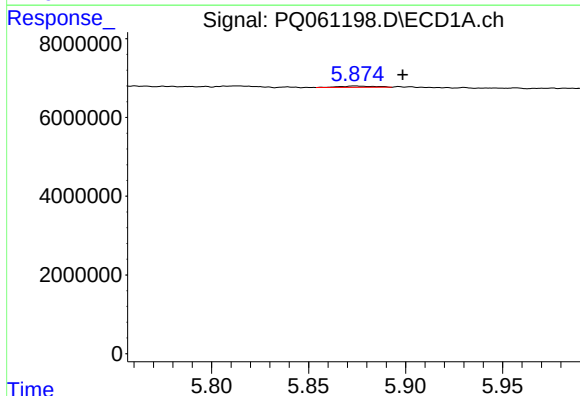
R.T.: 5.543 min
Delta R.T.: -0.001 min
Response: 1307072
Conc: 3.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



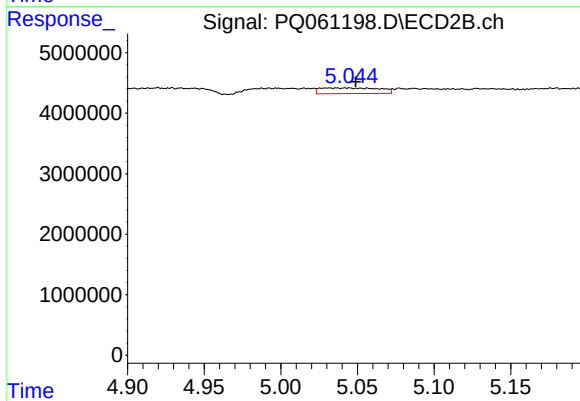
#27 AR-1254-2

R.T.: 4.641 min
Delta R.T.: -0.027 min
Response: 203890
Conc: 1.16 ng/ml



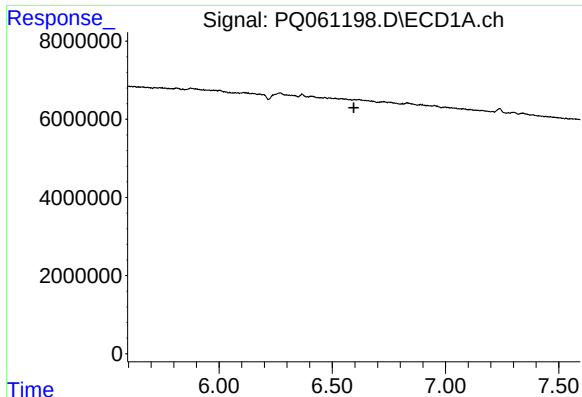
#28 AR-1254-3

R.T.: 5.874 min
Delta R.T.: -0.025 min
Response: 399698
Conc: 1.06 ng/ml



#28 AR-1254-3

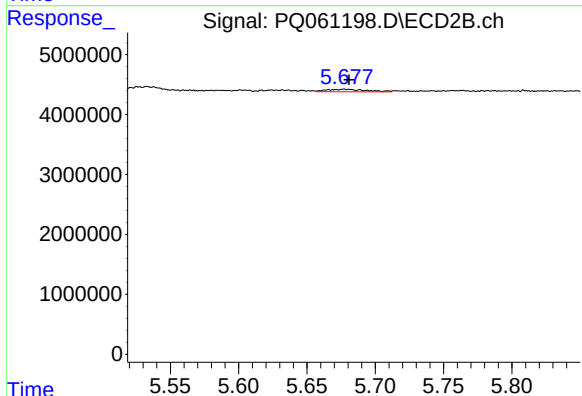
R.T.: 5.036 min
Delta R.T.: -0.012 min
Response: 2538189
Conc: 9.00 ng/ml



#30 AR-1254-5

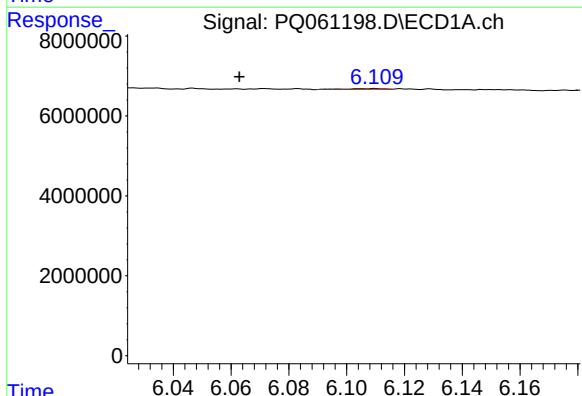
R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



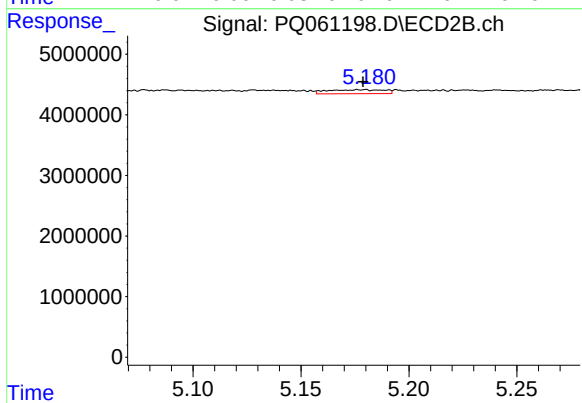
#30 AR-1254-5

R.T.: 5.677 min
Delta R.T.: -0.003 min
Response: 834769
Conc: 3.20 ng/ml



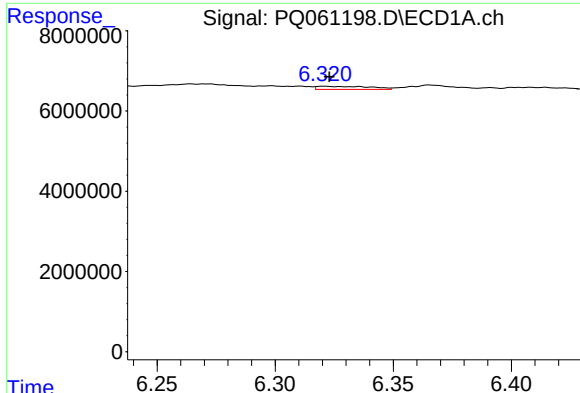
#31 AR-1260-1

R.T.: 6.110 min
Delta R.T.: 0.047 min
Response: 146454
Conc: 0.50 ng/ml



#31 AR-1260-1

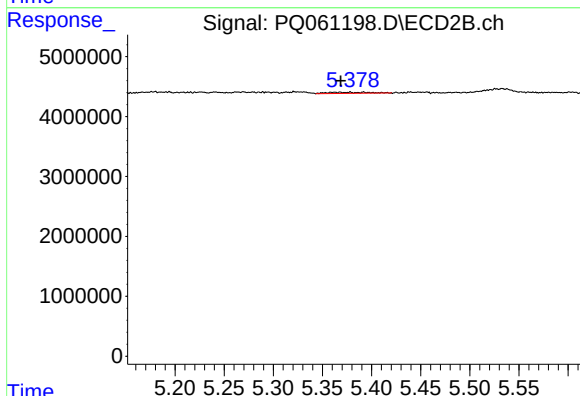
R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 1205991
Conc: 5.89 ng/ml



#32 AR-1260-2

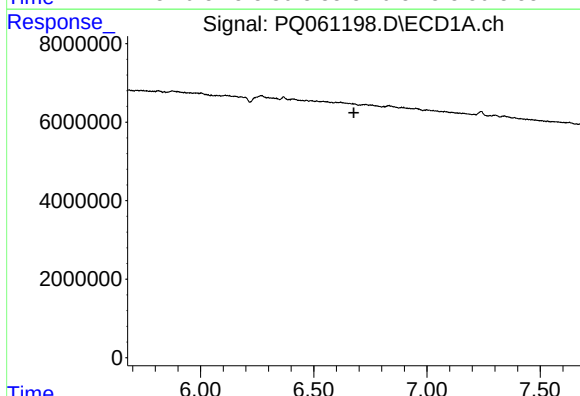
R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 1187750
Conc: 3.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



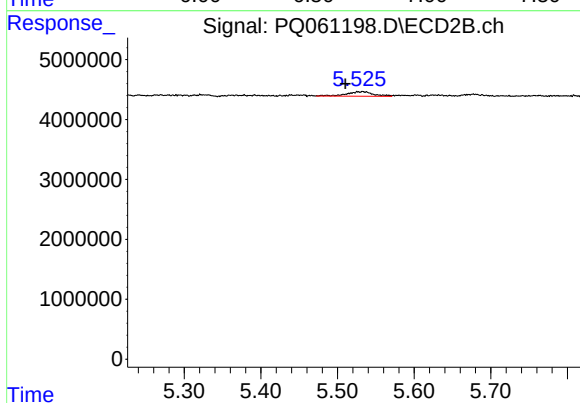
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.010 min
Response: 553010
Conc: 2.20 ng/ml



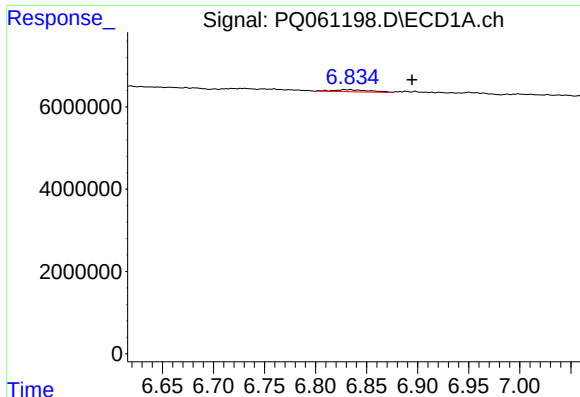
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.677 min
Response: 0
Conc: N.D.



#33 AR-1260-3

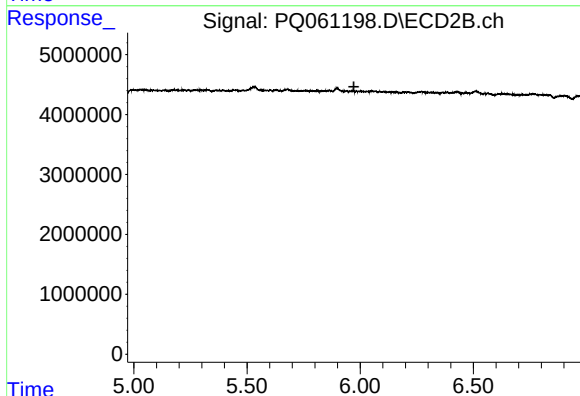
R.T.: 5.533 min
Delta R.T.: 0.023 min
Response: 1862821
Conc: 7.92 ng/ml



#34 AR-1260-4

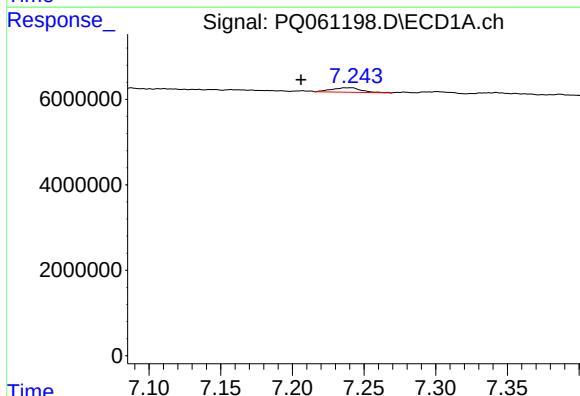
R.T.: 6.834 min
Delta R.T.: -0.061 min
Response: 1275755
Conc: 4.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



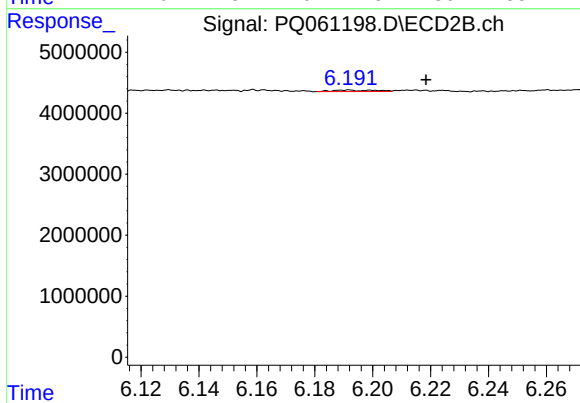
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 5.972 min
Response: 0
Conc: N.D.



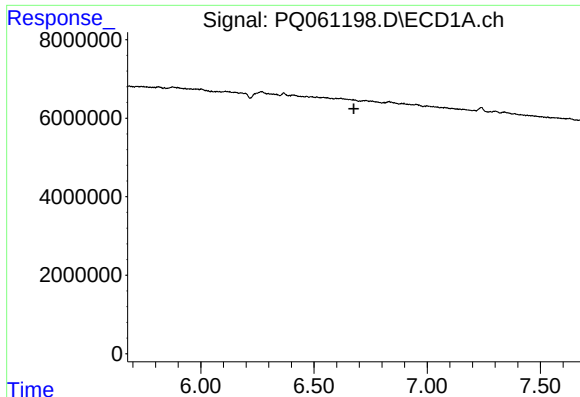
#35 AR-1260-5

R.T.: 7.240 min
Delta R.T.: 0.034 min
Response: 1475349
Conc: 2.54 ng/ml



#35 AR-1260-5

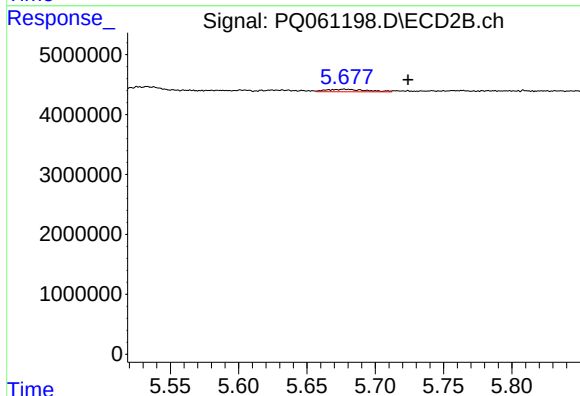
R.T.: 6.192 min
Delta R.T.: -0.027 min
Response: 250259
Conc: 0.55 ng/ml



#36 AR-1262-1

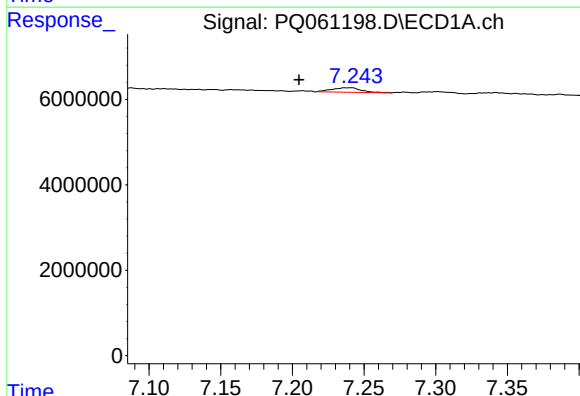
R.T.: 0.000 min
Exp R.T.: 6.677 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



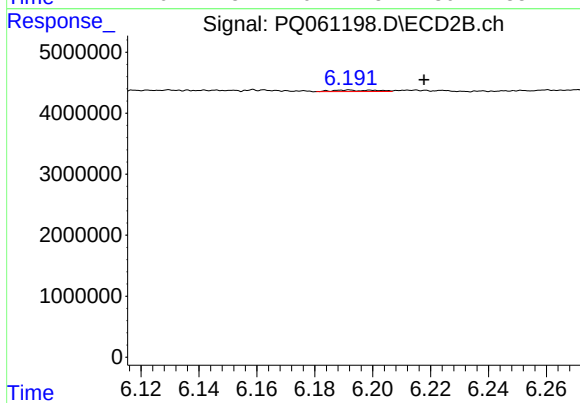
#36 AR-1262-1

R.T.: 5.677 min
Delta R.T.: -0.047 min
Response: 834769
Conc: 3.05 ng/ml



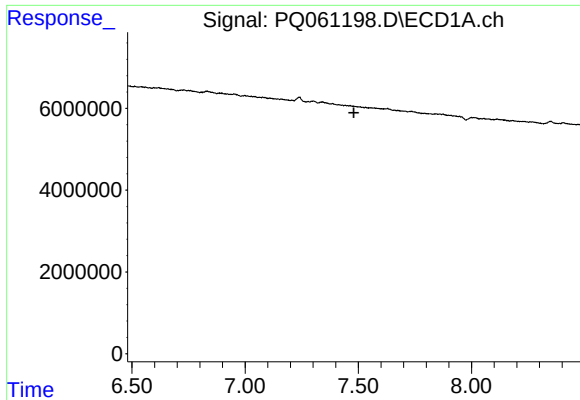
#37 AR-1262-2

R.T.: 7.240 min
Delta R.T.: 0.035 min
Response: 1475349
Conc: 2.23 ng/ml



#37 AR-1262-2

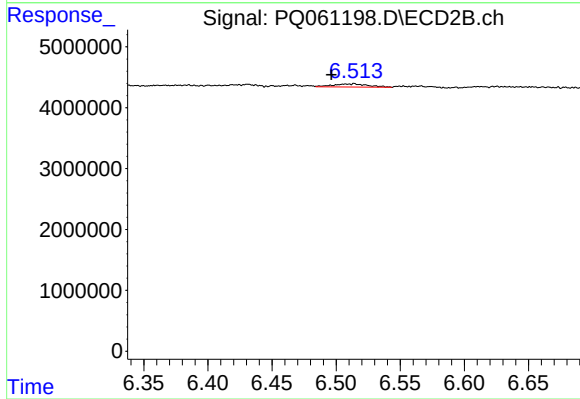
R.T.: 6.192 min
Delta R.T.: -0.026 min
Response: 250259
Conc: 0.50 ng/ml



#38 AR-1262-3

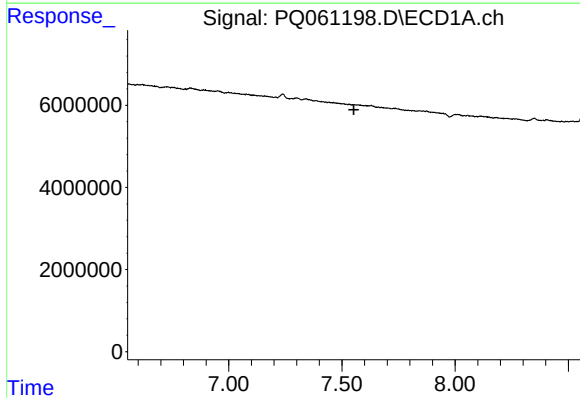
R.T.: 0.000 min
Exp R.T.: 7.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



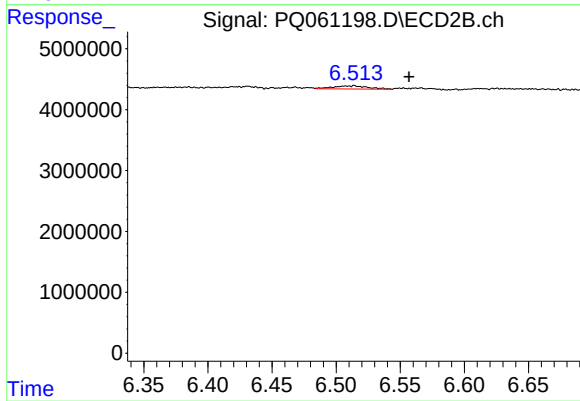
#38 AR-1262-3

R.T.: 6.514 min
Delta R.T.: 0.018 min
Response: 991734
Conc: 4.82 ng/ml



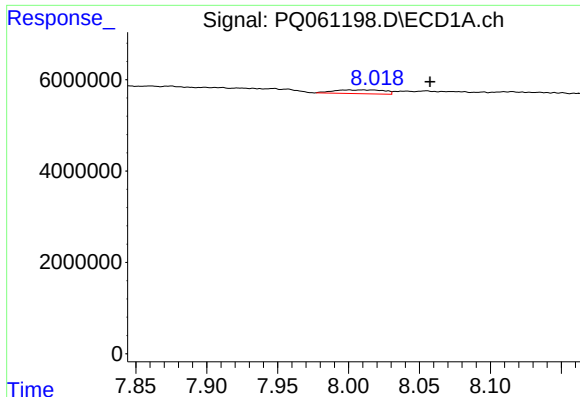
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.



#39 AR-1262-4

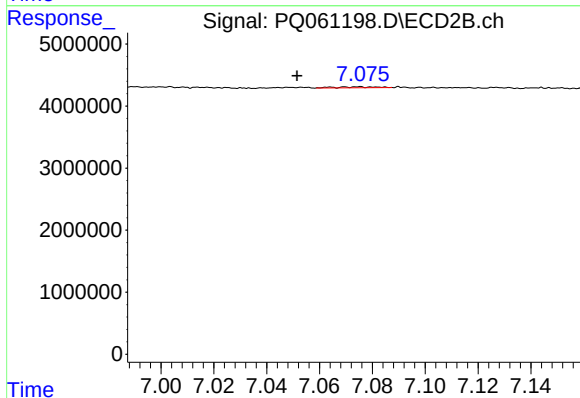
R.T.: 6.514 min
Delta R.T.: -0.043 min
Response: 991734
Conc: 2.59 ng/ml



#40 AR-1262-5

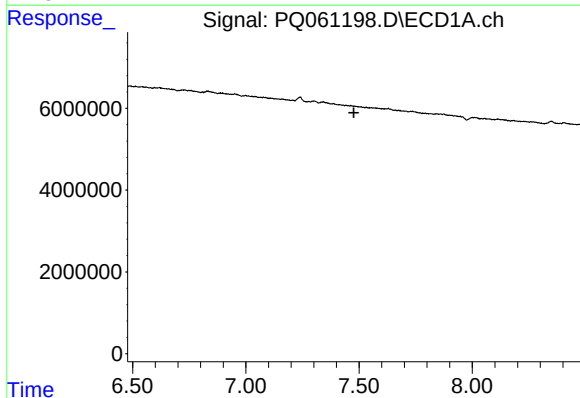
R.T.: 8.000 min
Delta R.T.: -0.057 min
Response: 1951899
Conc: 8.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



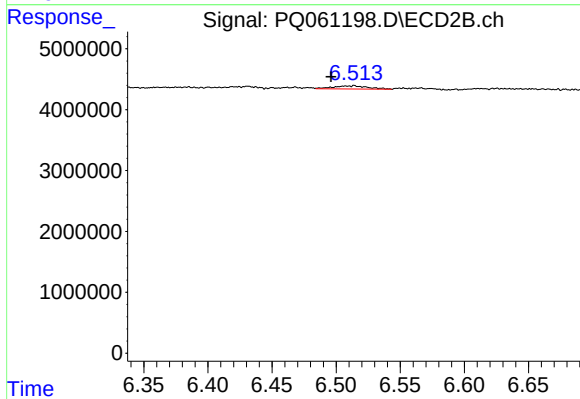
#40 AR-1262-5

R.T.: 7.075 min
Delta R.T.: 0.023 min
Response: 155418
Conc: 0.83 ng/ml



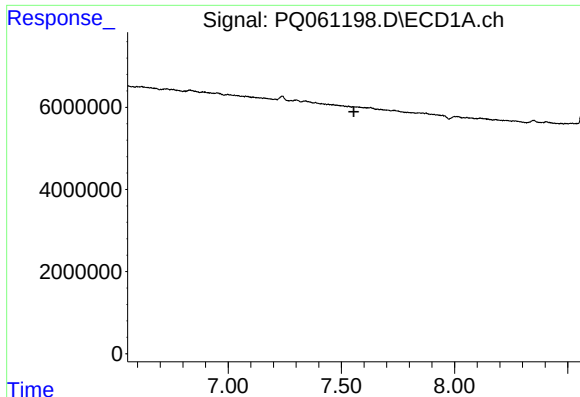
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.477 min
Response: 0
Conc: N.D.



#41 AR-1268-1

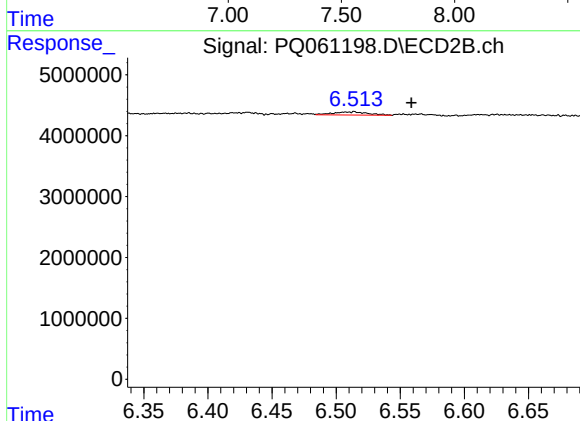
R.T.: 6.514 min
Delta R.T.: 0.018 min
Response: 991734
Conc: 2.12 ng/ml



#42 AR-1268-2

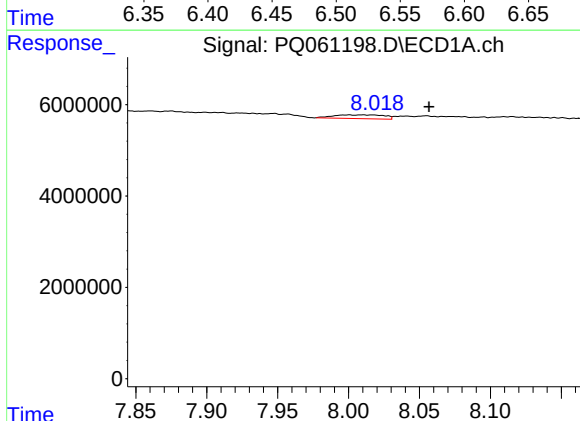
R.T.: 0.000 min
Exp R.T.: 7.556 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



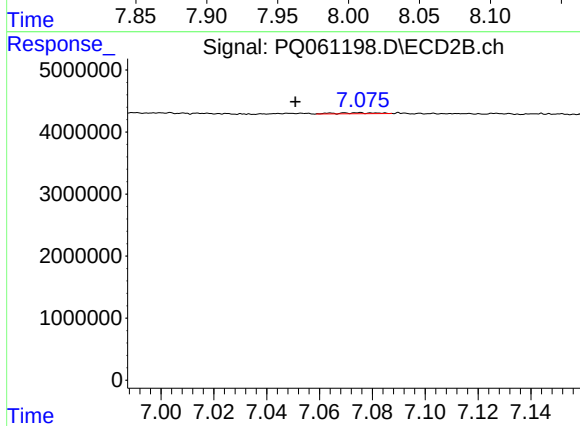
#42 AR-1268-2

R.T.: 6.514 min
Delta R.T.: -0.045 min
Response: 991734
Conc: 2.34 ng/ml



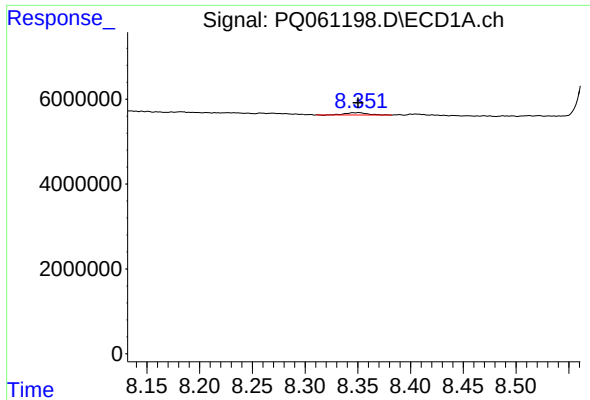
#44 AR-1268-4

R.T.: 8.000 min
Delta R.T.: -0.056 min
Response: 1951899
Conc: 9.96 ng/ml



#44 AR-1268-4

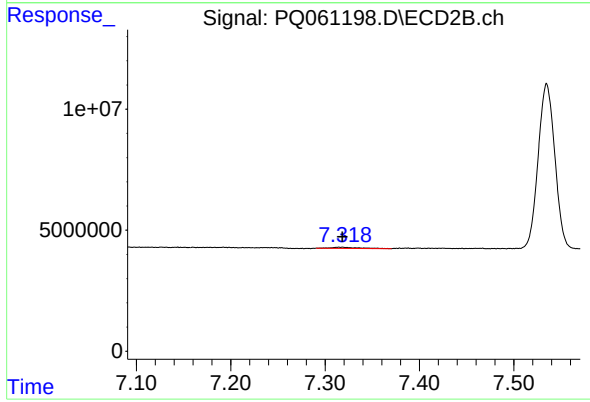
R.T.: 7.075 min
Delta R.T.: 0.024 min
Response: 155418
Conc: 0.95 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 790871
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 887938
Conc: 0.76 ng/ml