

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070851.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 04:34
 Operator : YP\AJ
 Sample : Q2893-03
 Misc : AR1248 SOIL MDL 25PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 06:42:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 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...	3.401	2.779	89806256	100.6E6	16.767	15.686
2)	SA Decachlor...	8.497	7.535	70961544	126.0E6	18.403	17.869
Target Compounds							
3)	L1 AR-1016-1	4.482	3.779	1501574	4473619	9.057	20.861 #
4)	L1 AR-1016-2	4.501	3.793	3712320	4337533	13.917	13.341
5)	L1 AR-1016-3	4.559	3.955	2630234	7081397	15.885	38.967 #
6)	L1 AR-1016-4	4.646	4.003	2283364	7039500	16.866	44.415 #
7)	L1 AR-1016-5	4.932	4.198	4803072	9980469	35.917	53.555 #
8)	L2 AR-1221-1	3.575	2.983	3116753	68823	42.357	0.771 #
9)	L2 AR-1221-2	3.675	3.047	1402239	1783123	26.158	26.635
10)	L2 AR-1221-3	3.740	3.119	378817	387585	2.299	1.941
11)	L3 AR-1232-1	3.740	3.119	378817	387585	2.715	2.270
12)	L3 AR-1232-2	4.226	3.793	2632458	4337533	34.391	24.986 #
13)	L3 AR-1232-3	4.501	3.955	3712320	7081397	25.895	75.859 #
14)	L3 AR-1232-4	4.646	4.039	2283364	7533412	31.899	94.419 #
15)	L3 AR-1232-5	4.799	4.198	9123464	9980469	157.142	112.271 #
16)	L4 AR-1242-1	4.482	3.779	1501574	4473619	9.767	24.062 #
17)	L4 AR-1242-2	4.501	3.793	3712320	4337533	15.507	15.402
18)	L4 AR-1242-3	4.559	3.955	2630234	7081397	17.667	45.198 #
19)	L4 AR-1242-4	4.646	4.039	2283364	7533412	18.565	51.579 #
20)	L4 AR-1242-5	5.349	4.535	4805036	11416637	36.413	59.050 #
21)	L5 AR-1248-1	4.482	3.779	1501574	4473619	13.107	31.326 #
22)	L5 AR-1248-2	4.744	4.003	3952583	7039500	24.172	32.584 #
23)	L5 AR-1248-3	4.932	4.039	4803072	7533412	24.550	36.220 #
24)	L5 AR-1248-4	5.318	4.198	7805038	9980469	36.105	39.088
25)	L5 AR-1248-5	5.349	4.571	4805036	10001673	21.996	38.679 #
26)	L6 AR-1254-1	5.292	4.535	15228976	11416637	65.192	28.686 #
27)	L6 AR-1254-2	5.503	4.680	10668261	7386871	29.888	21.091 #
28)	L6 AR-1254-3	5.856	5.065	4261460	13562024	11.243	23.976 #
29)	L6 AR-1254-4	6.137	5.286	5135083	4106259	19.095	11.876 #
30)	L6 AR-1254-5	6.546	5.694	2317401	801120	7.733	1.528 #
31)	L7 AR-1260-1	6.026	5.192	2457282	5313450	10.034	14.887 #
32)	L7 AR-1260-2	6.281	5.370	3288716	1821615	10.976	4.282 #
33)	L7 AR-1260-3	6.634	5.515	1414461	236562	6.604	0.585 #
34)	L7 AR-1260-4	6.850	5.981	146336	442789	0.615	1.251 #
35)	L7 AR-1260-5	0.000	6.227	0	883008	N.D.	1.076 #
36)	L8 AR-1262-1	6.850	5.719	146336	336268	0.437	0.633 #
37)	L8 AR-1262-2	0.000	5.981	0	442789	N.D.	0.890 #
38)	L8 AR-1262-3	7.376f	0.000	57126	0	0.143	N.D. #
39)	L8 AR-1262-4	7.490	6.606f	307457	-484498	0.972	N.D. #
40)	L8 AR-1262-5	8.007	0.000	45830	0	0.233	N.D. #
41)	L9 AR-1268-1	7.376f	0.000	57126	0	0.084	N.D. #

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 Acq On : 11 Sep 2025 04:34
 Operator : YP\AJ
 Sample : Q2893-03
 Misc : AR1248 SOIL MDL 25PPB
 ALS Vial : 26 Sample Multiplier: 1

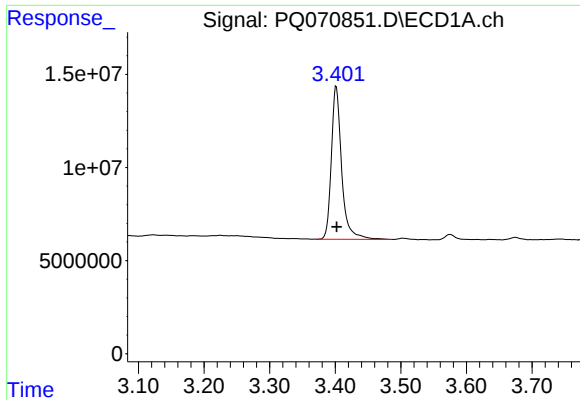
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 06:42:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 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	7.490	6.606f	307457	-484498	0.487	N.D. #
43) L9	AR-1268-3	7.711f	0.000	273283	0	0.526	N.D. #
44) L9	AR-1268-4	8.007	0.000	45830	0	0.209	N.D. #
45) L9	AR-1268-5	8.270	7.320	701201	857860	0.453	0.313 #

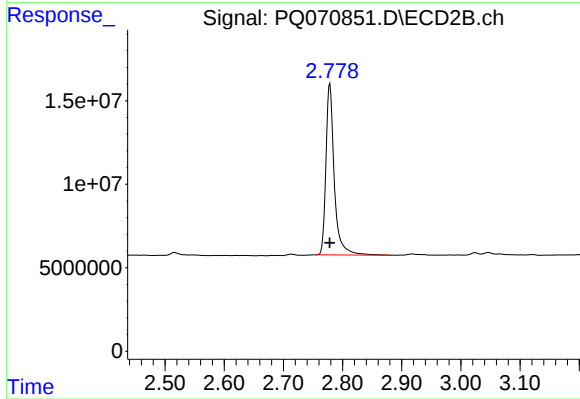
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

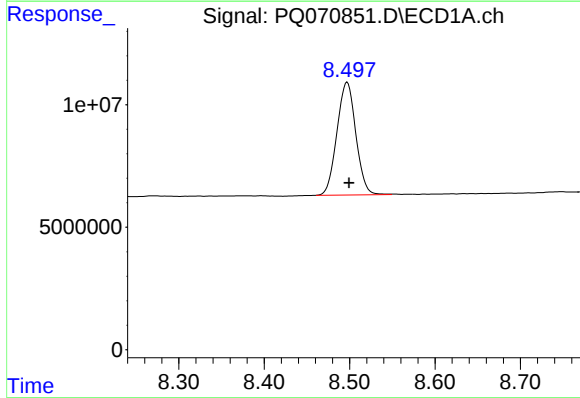
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 89806256
Conc: 16.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



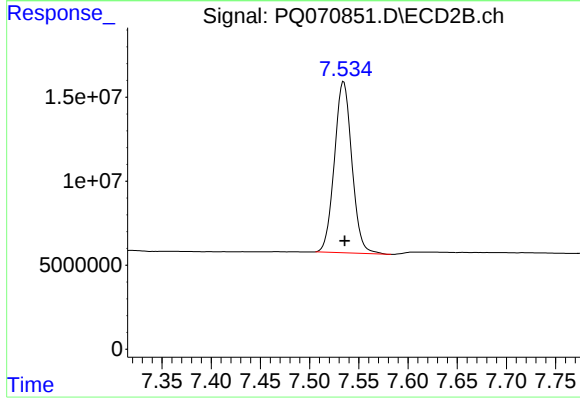
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.000 min
Response: 100582992
Conc: 15.69 ng/ml



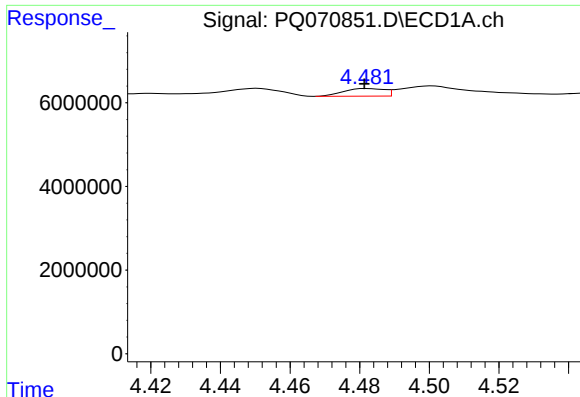
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 70961544
Conc: 18.40 ng/ml



#2 Decachlorobiphenyl

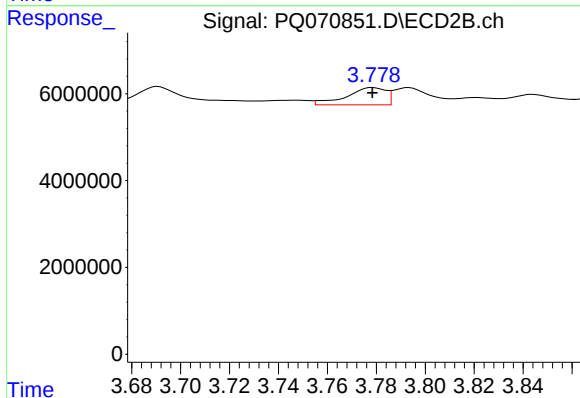
R.T.: 7.535 min
Delta R.T.: -0.001 min
Response: 126026386
Conc: 17.87 ng/ml



#3 AR-1016-1

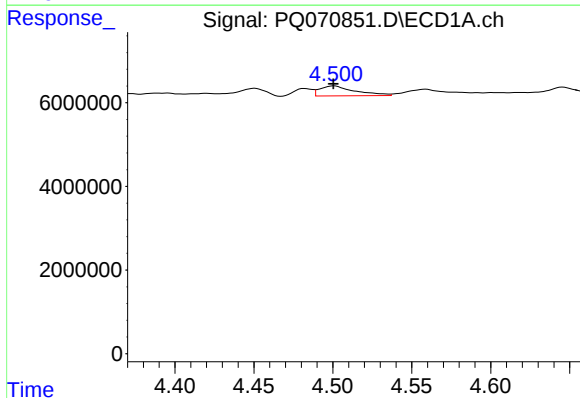
R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 1501574
Conc: 9.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



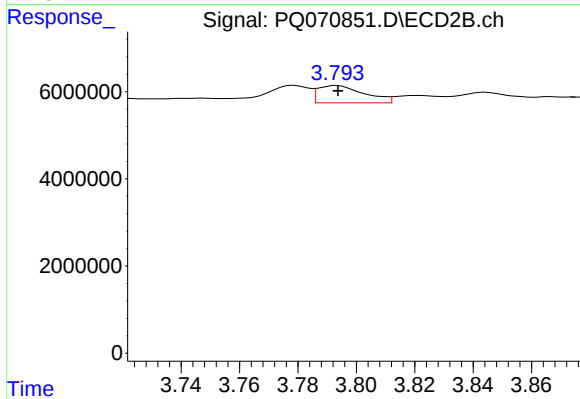
#3 AR-1016-1

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 4473619
Conc: 20.86 ng/ml



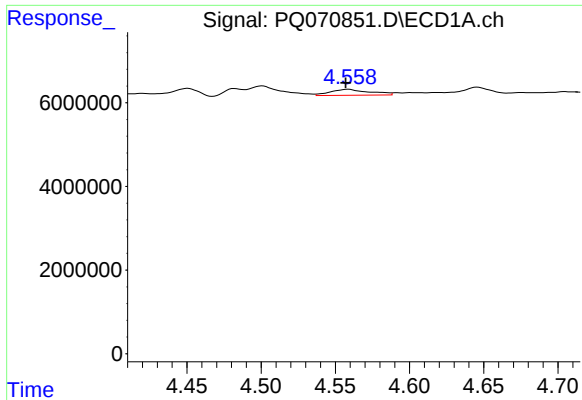
#4 AR-1016-2

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3712320
Conc: 13.92 ng/ml



#4 AR-1016-2

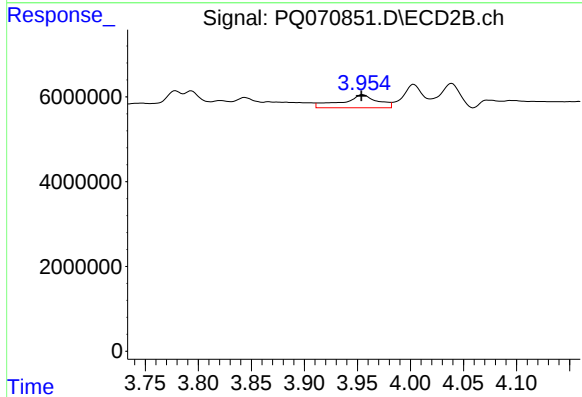
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 4337533
Conc: 13.34 ng/ml



#5 AR-1016-3

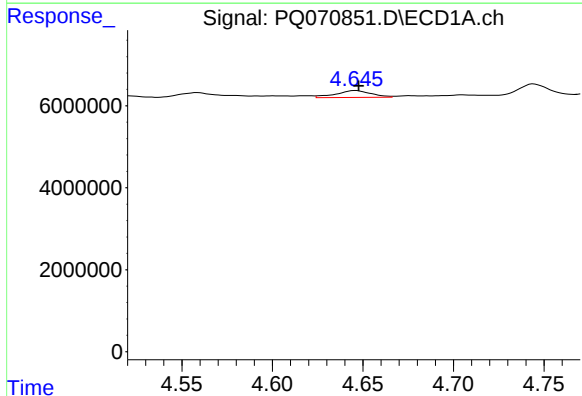
R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 2630234
Conc: 15.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



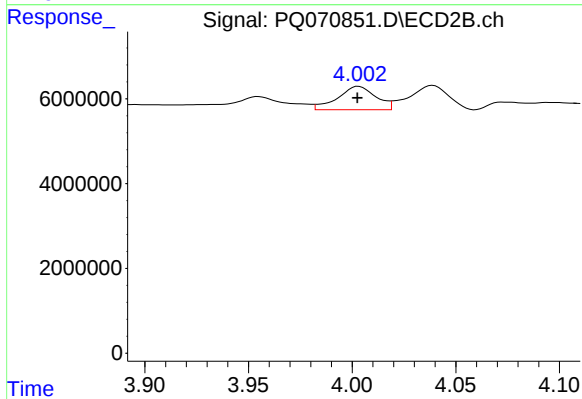
#5 AR-1016-3

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 7081397
Conc: 38.97 ng/ml



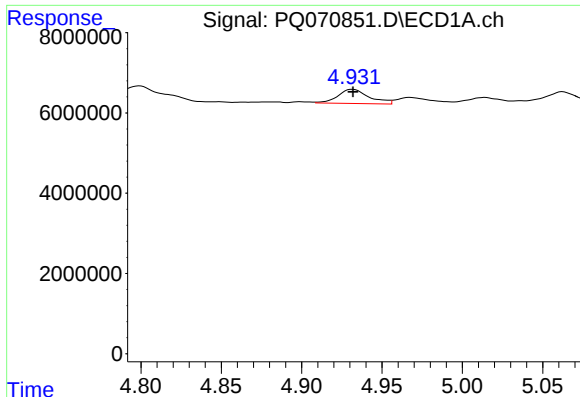
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 2283364
Conc: 16.87 ng/ml



#6 AR-1016-4

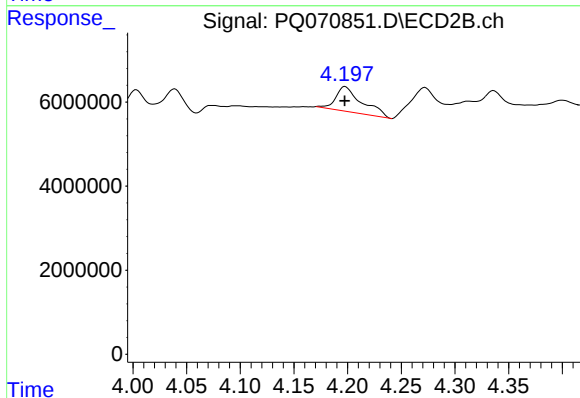
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 7039500
Conc: 44.41 ng/ml



#7 AR-1016-5

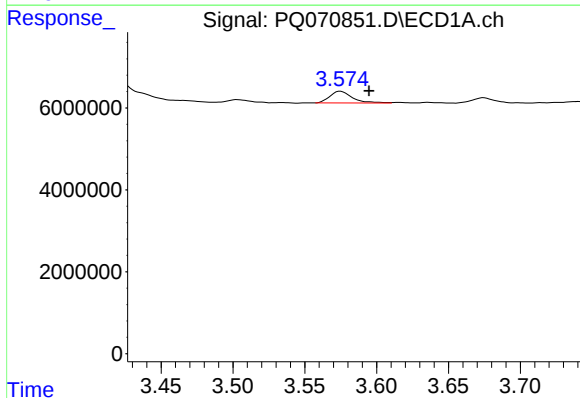
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 4803072
Conc: 35.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



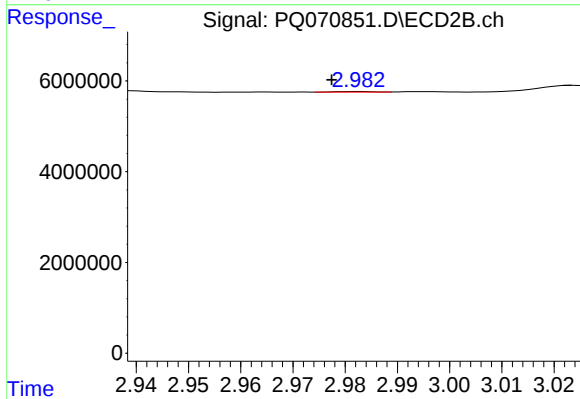
#7 AR-1016-5

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 9980469
Conc: 53.56 ng/ml



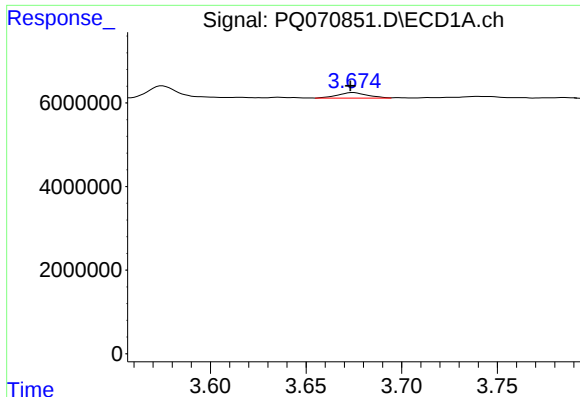
#8 AR-1221-1

R.T.: 3.575 min
Delta R.T.: -0.020 min
Response: 3116753
Conc: 42.36 ng/ml



#8 AR-1221-1

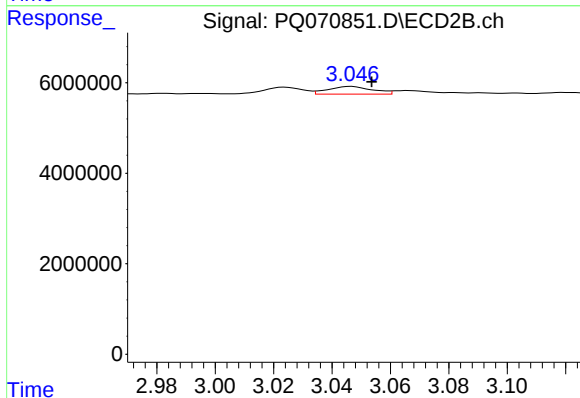
R.T.: 2.983 min
Delta R.T.: 0.005 min
Response: 68823
Conc: 0.77 ng/ml



#9 AR-1221-2

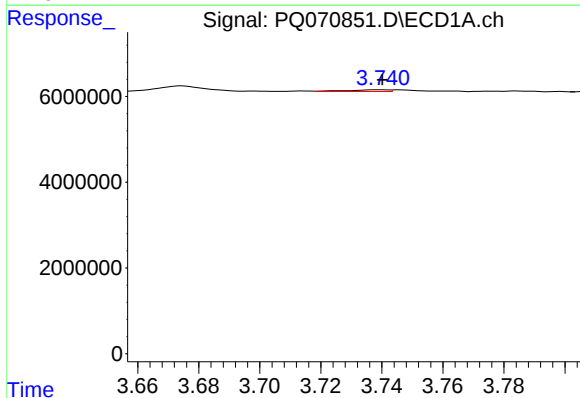
R.T.: 3.675 min
Delta R.T.: 0.001 min
Response: 1402239
Conc: 26.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



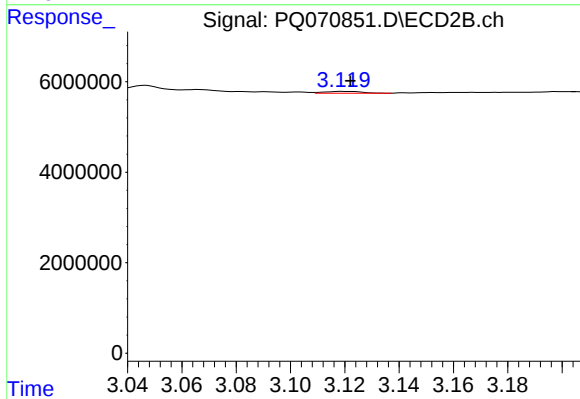
#9 AR-1221-2

R.T.: 3.047 min
Delta R.T.: -0.007 min
Response: 1783123
Conc: 26.64 ng/ml



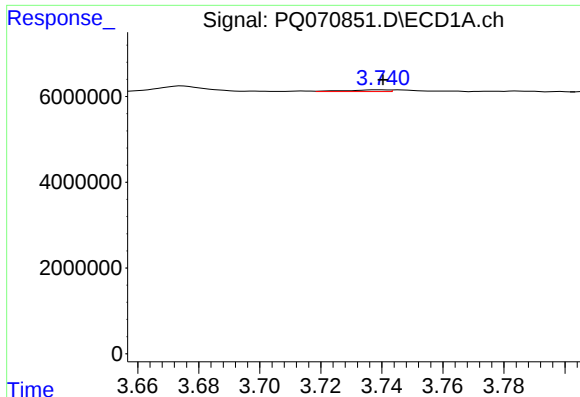
#10 AR-1221-3

R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 378817
Conc: 2.30 ng/ml



#10 AR-1221-3

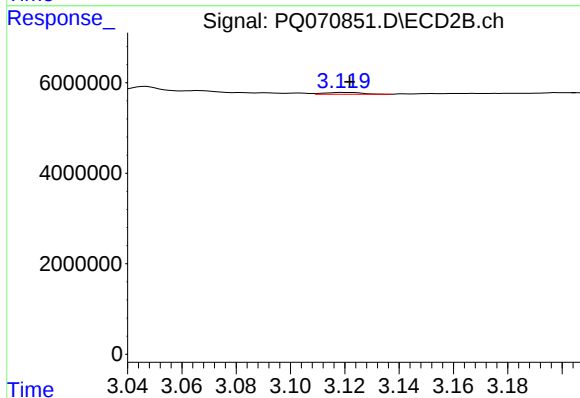
R.T.: 3.119 min
Delta R.T.: -0.003 min
Response: 387585
Conc: 1.94 ng/ml



#11 AR-1232-1

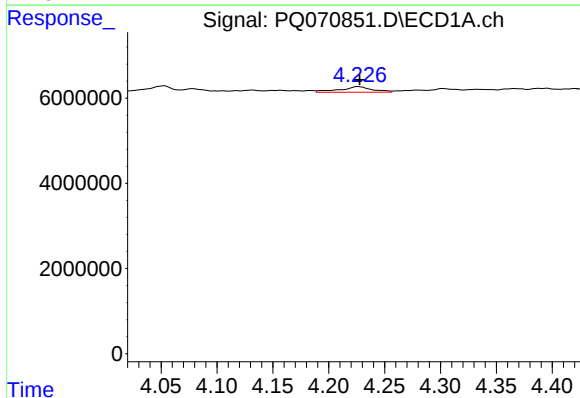
R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 378817
Conc: 2.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



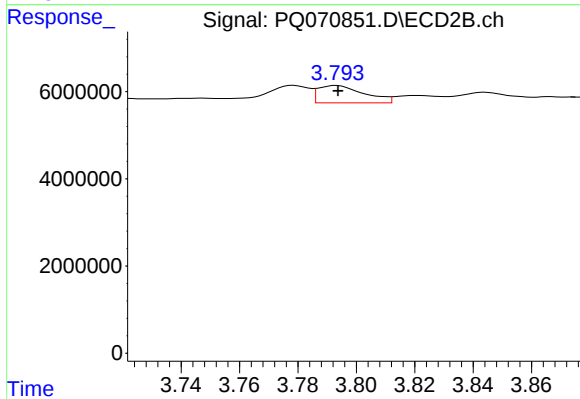
#11 AR-1232-1

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 387585
Conc: 2.27 ng/ml



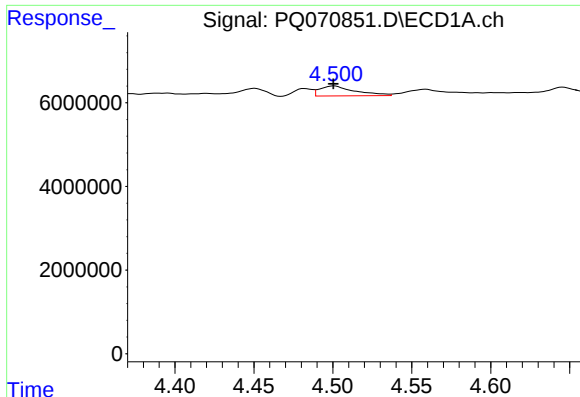
#12 AR-1232-2

R.T.: 4.226 min
Delta R.T.: -0.002 min
Response: 2632458
Conc: 34.39 ng/ml



#12 AR-1232-2

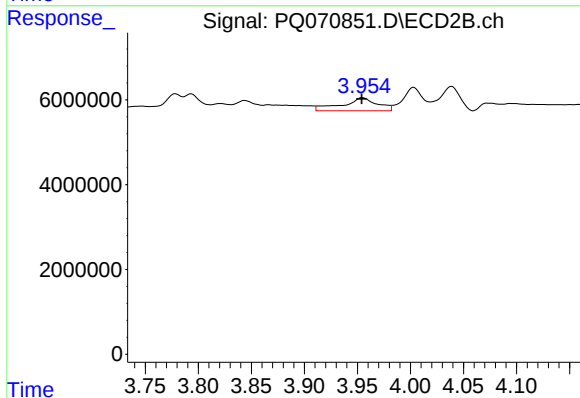
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 4337533
Conc: 24.99 ng/ml



#13 AR-1232-3

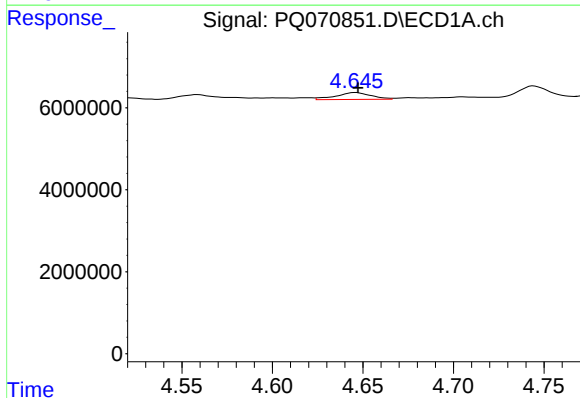
R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3712320
Conc: 25.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



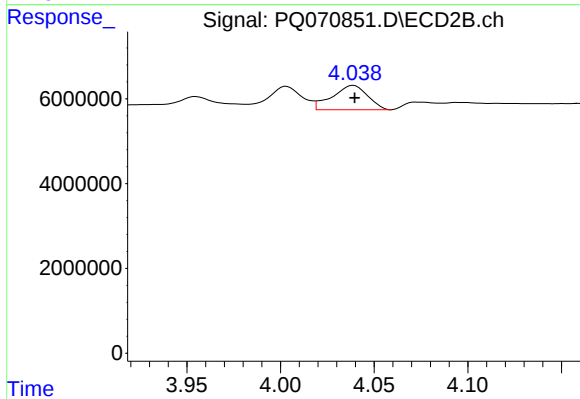
#13 AR-1232-3

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 7081397
Conc: 75.86 ng/ml



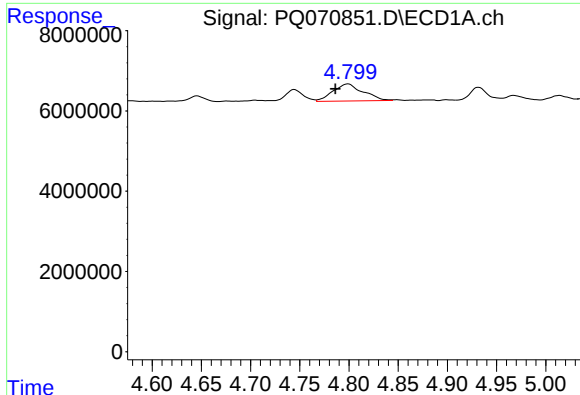
#14 AR-1232-4

R.T.: 4.646 min
Delta R.T.: -0.001 min
Response: 2283364
Conc: 31.90 ng/ml



#14 AR-1232-4

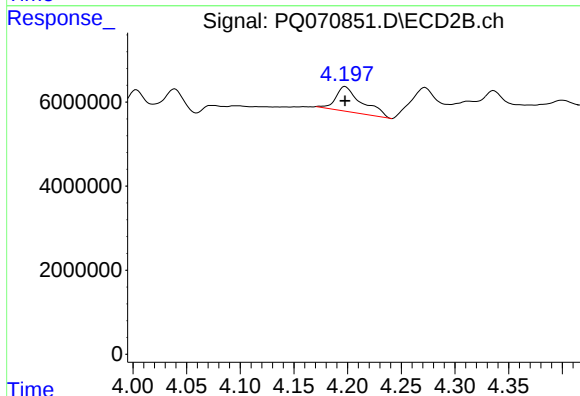
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 7533412
Conc: 94.42 ng/ml



#15 AR-1232-5

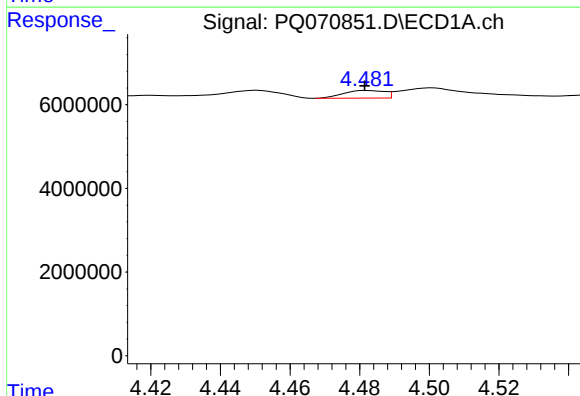
R.T.: 4.799 min
Delta R.T.: 0.013 min
Response: 9123464
Conc: 157.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



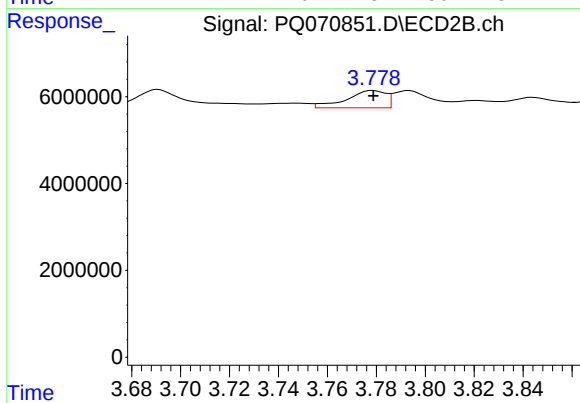
#15 AR-1232-5

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 9980469
Conc: 112.27 ng/ml



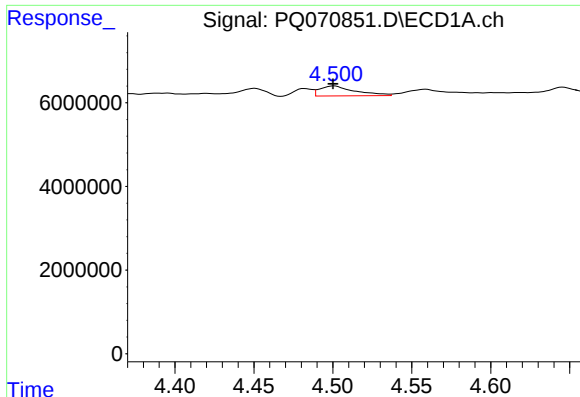
#16 AR-1242-1

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 1501574
Conc: 9.77 ng/ml



#16 AR-1242-1

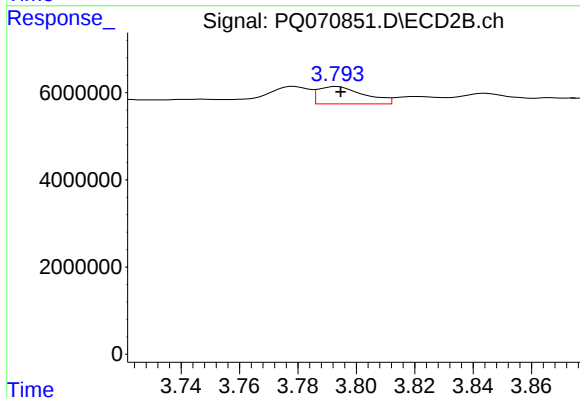
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 4473619
Conc: 24.06 ng/ml



#17 AR-1242-2

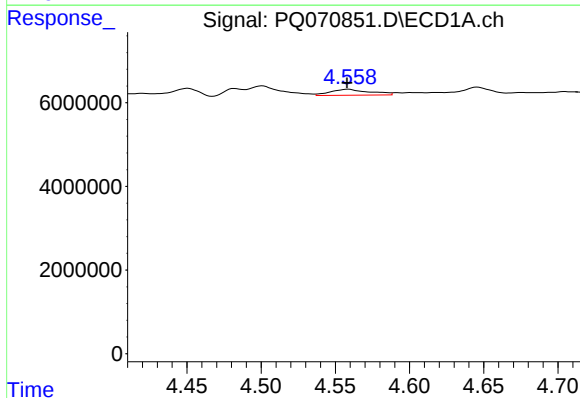
R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3712320
Conc: 15.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



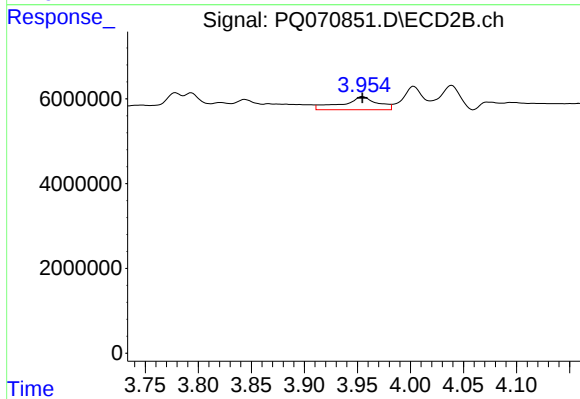
#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: -0.001 min
Response: 4337533
Conc: 15.40 ng/ml



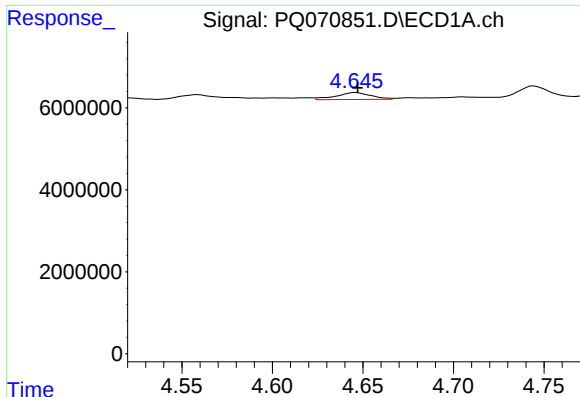
#18 AR-1242-3

R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 2630234
Conc: 17.67 ng/ml



#18 AR-1242-3

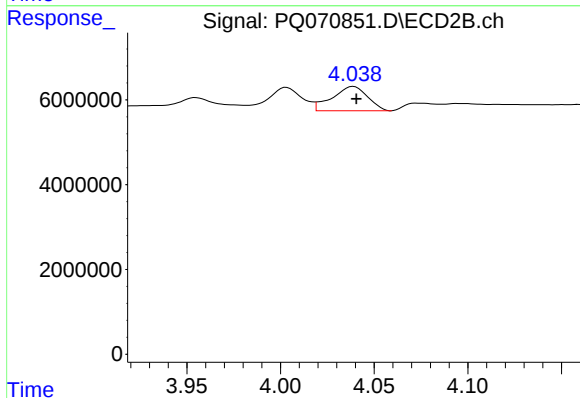
R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 7081397
Conc: 45.20 ng/ml



#19 AR-1242-4

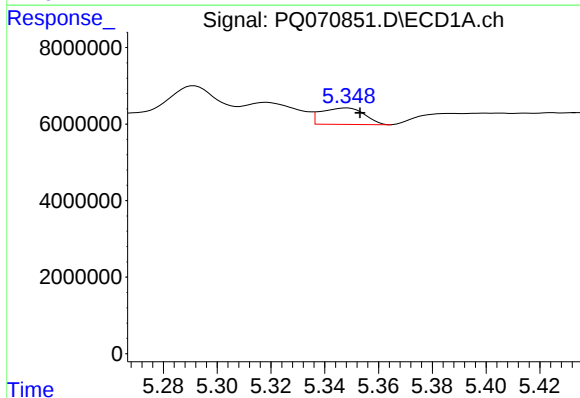
R.T.: 4.646 min
Delta R.T.: -0.001 min
Response: 2283364
Conc: 18.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



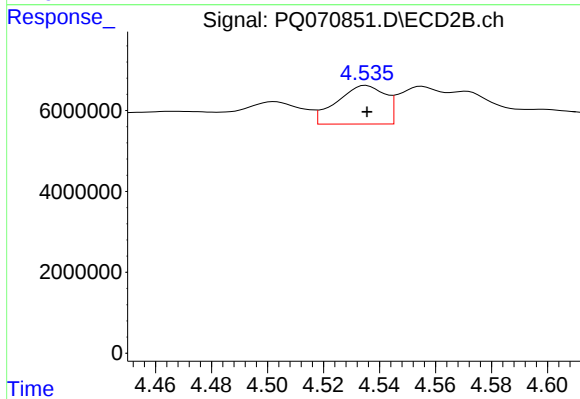
#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: -0.001 min
Response: 7533412
Conc: 51.58 ng/ml



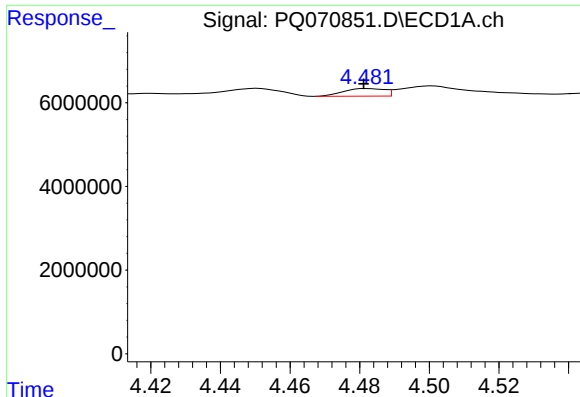
#20 AR-1242-5

R.T.: 5.349 min
Delta R.T.: -0.005 min
Response: 4805036
Conc: 36.41 ng/ml



#20 AR-1242-5

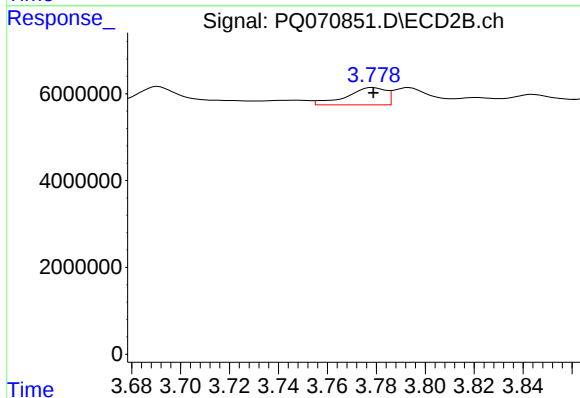
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 11416637
Conc: 59.05 ng/ml



#21 AR-1248-1

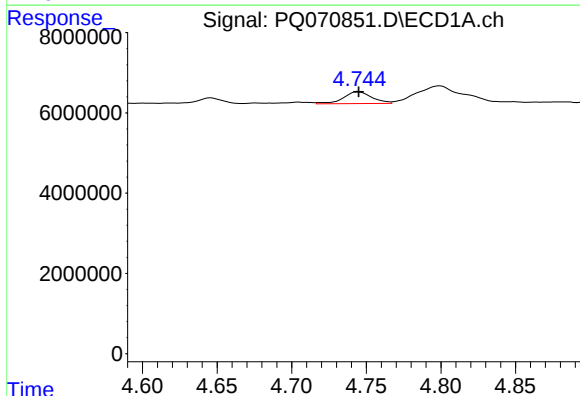
R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 1501574
Conc: 13.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



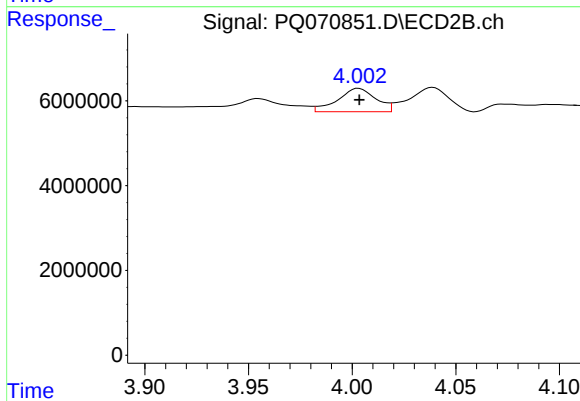
#21 AR-1248-1

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 4473619
Conc: 31.33 ng/ml



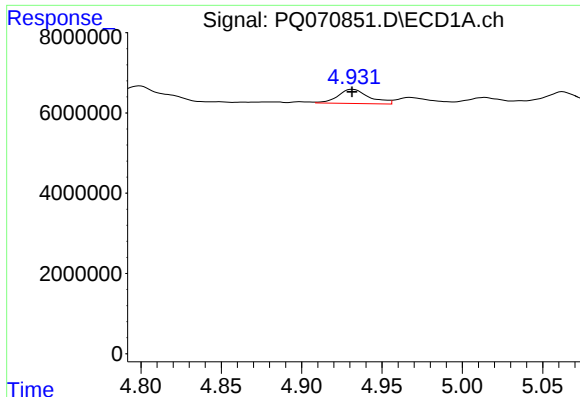
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 3952583
Conc: 24.17 ng/ml



#22 AR-1248-2

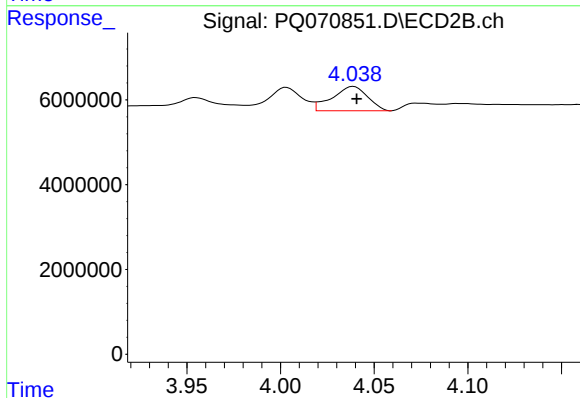
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 7039500
Conc: 32.58 ng/ml



#23 AR-1248-3

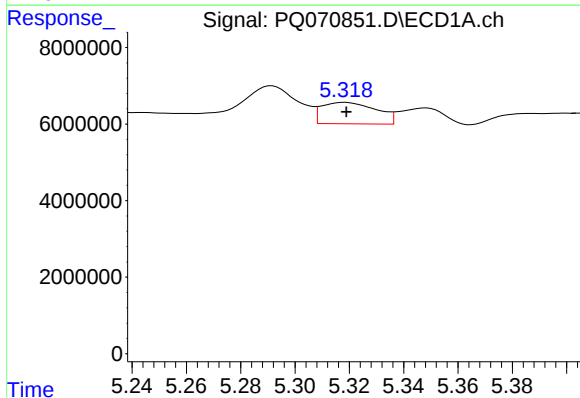
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 4803072
Conc: 24.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



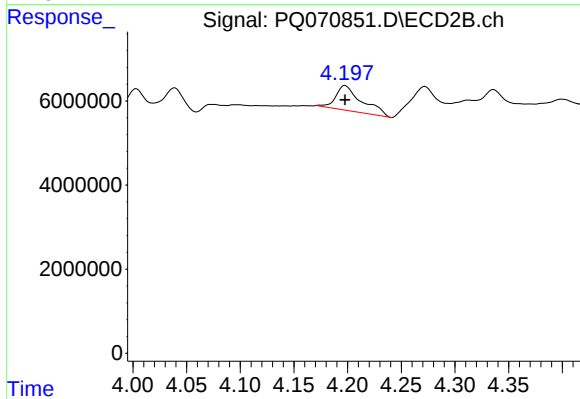
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: -0.002 min
Response: 7533412
Conc: 36.22 ng/ml



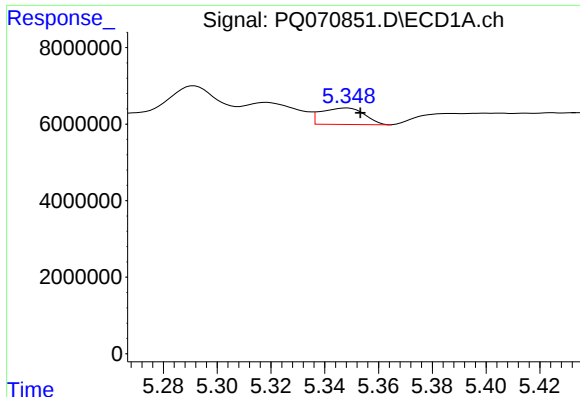
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 7805038
Conc: 36.10 ng/ml



#24 AR-1248-4

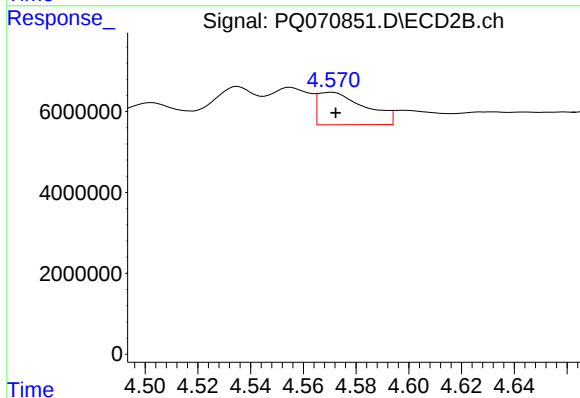
R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 9980469
Conc: 39.09 ng/ml



#25 AR-1248-5

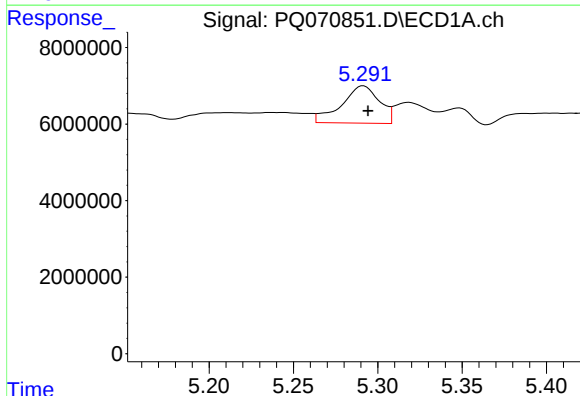
R.T.: 5.349 min
Delta R.T.: -0.005 min
Response: 4805036
Conc: 22.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



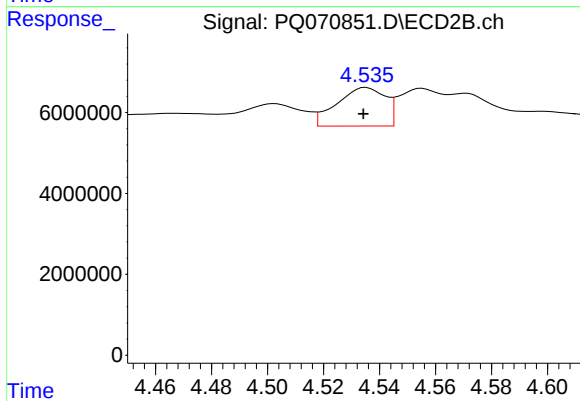
#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 10001673
Conc: 38.68 ng/ml



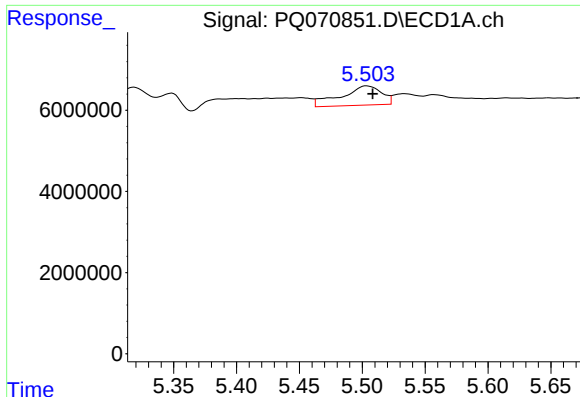
#26 AR-1254-1

R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 15228976
Conc: 65.19 ng/ml



#26 AR-1254-1

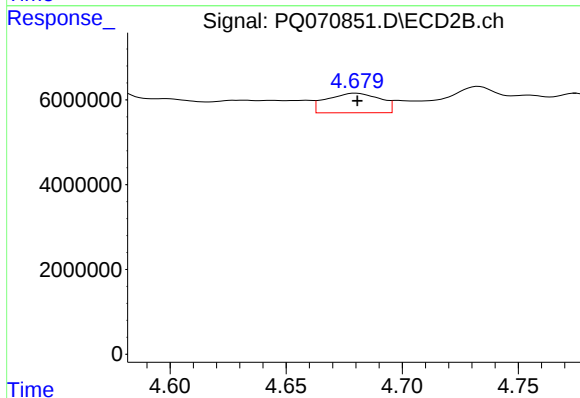
R.T.: 4.535 min
Delta R.T.: 0.001 min
Response: 11416637
Conc: 28.69 ng/ml



#27 AR-1254-2

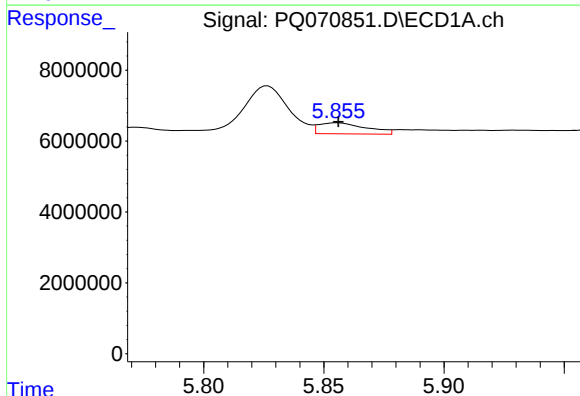
R.T.: 5.503 min
Delta R.T.: -0.005 min
Response: 10668261
Conc: 29.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



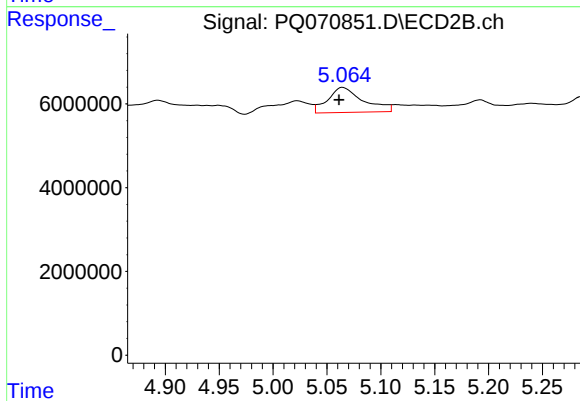
#27 AR-1254-2

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 7386871
Conc: 21.09 ng/ml



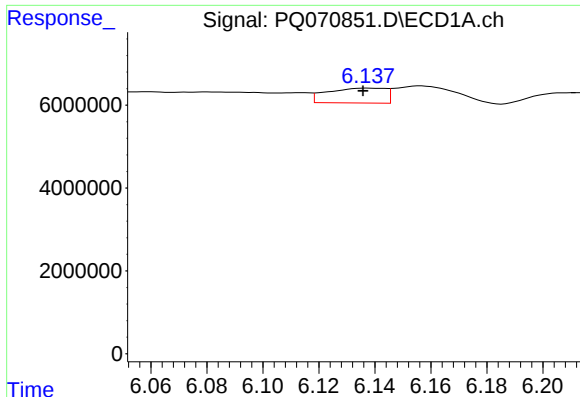
#28 AR-1254-3

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 4261460
Conc: 11.24 ng/ml



#28 AR-1254-3

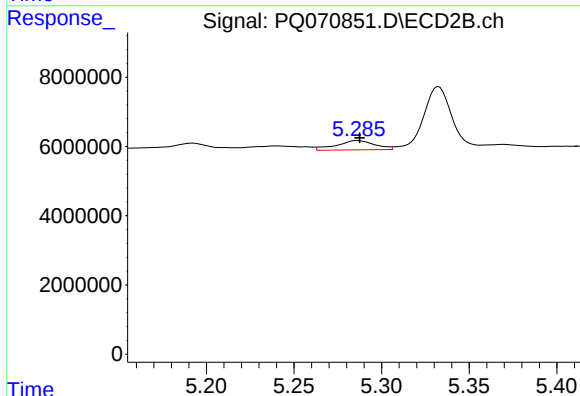
R.T.: 5.065 min
Delta R.T.: 0.003 min
Response: 13562024
Conc: 23.98 ng/ml



#29 AR-1254-4

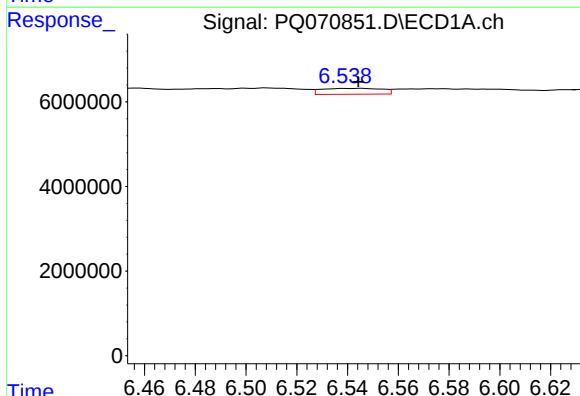
R.T.: 6.137 min
Delta R.T.: 0.001 min
Response: 5135083
Conc: 19.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



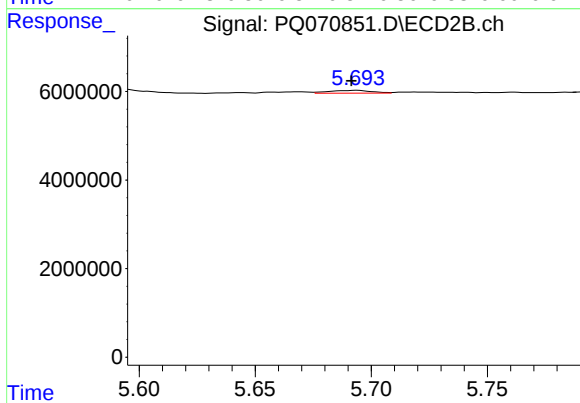
#29 AR-1254-4

R.T.: 5.286 min
Delta R.T.: -0.001 min
Response: 4106259
Conc: 11.88 ng/ml



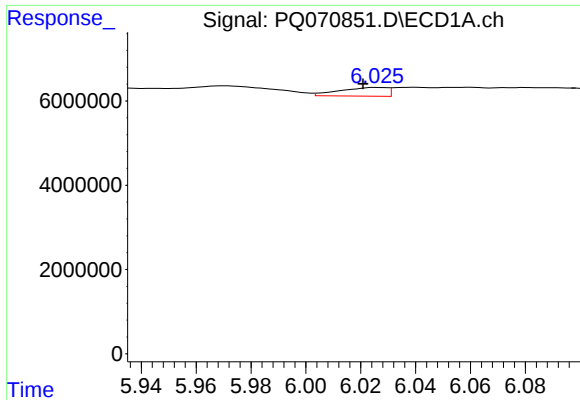
#30 AR-1254-5

R.T.: 6.546 min
Delta R.T.: 0.001 min
Response: 2317401
Conc: 7.73 ng/ml



#30 AR-1254-5

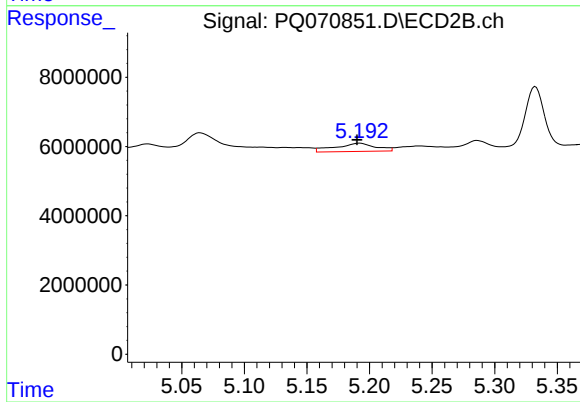
R.T.: 5.694 min
Delta R.T.: 0.002 min
Response: 801120
Conc: 1.53 ng/ml



#31 AR-1260-1

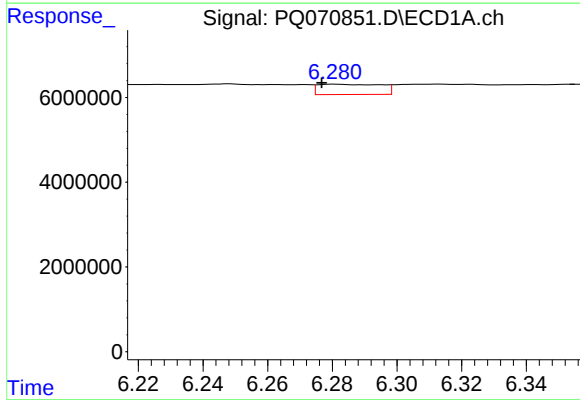
R.T.: 6.026 min
Delta R.T.: 0.005 min
Response: 2457282
Conc: 10.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



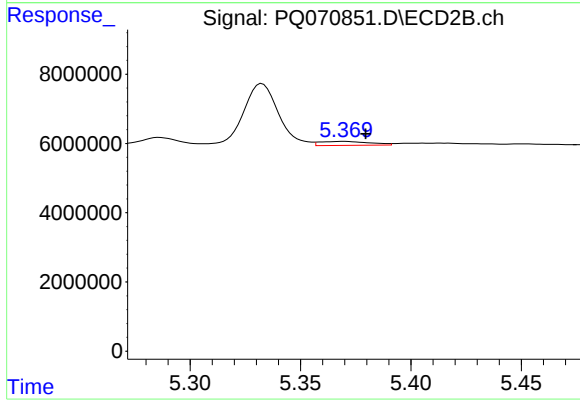
#31 AR-1260-1

R.T.: 5.192 min
Delta R.T.: 0.002 min
Response: 5313450
Conc: 14.89 ng/ml



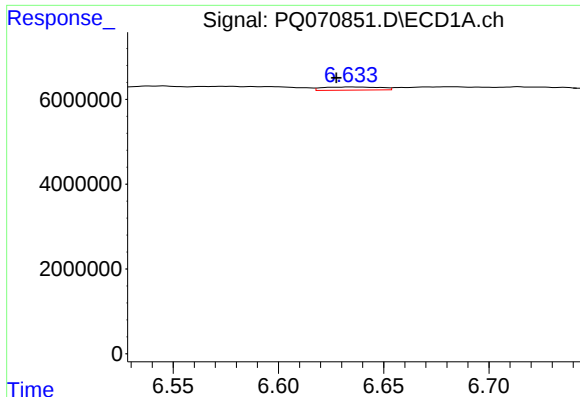
#32 AR-1260-2

R.T.: 6.281 min
Delta R.T.: 0.004 min
Response: 3288716
Conc: 10.98 ng/ml



#32 AR-1260-2

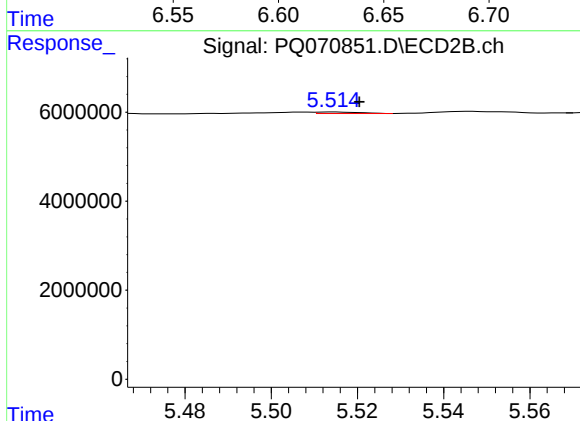
R.T.: 5.370 min
Delta R.T.: -0.010 min
Response: 1821615
Conc: 4.28 ng/ml



#33 AR-1260-3

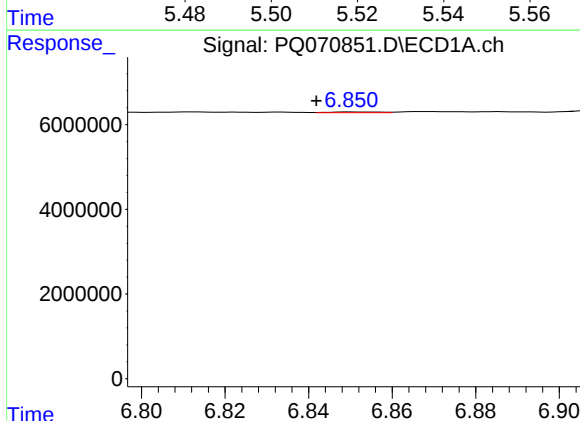
R.T.: 6.634 min
Delta R.T.: 0.007 min
Response: 1414461
Conc: 6.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



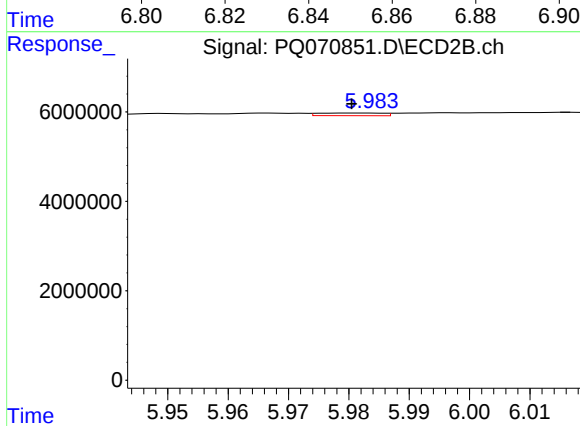
#33 AR-1260-3

R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 236562
Conc: 0.58 ng/ml



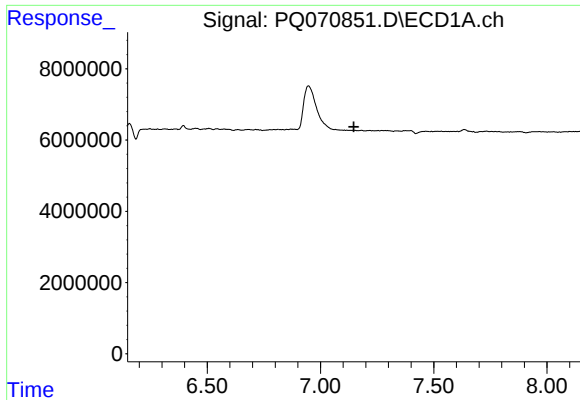
#34 AR-1260-4

R.T.: 6.850 min
Delta R.T.: 0.008 min
Response: 146336
Conc: 0.62 ng/ml



#34 AR-1260-4

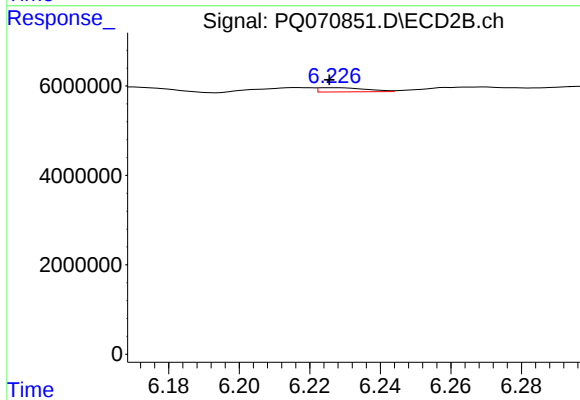
R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 442789
Conc: 1.25 ng/ml



#35 AR-1260-5

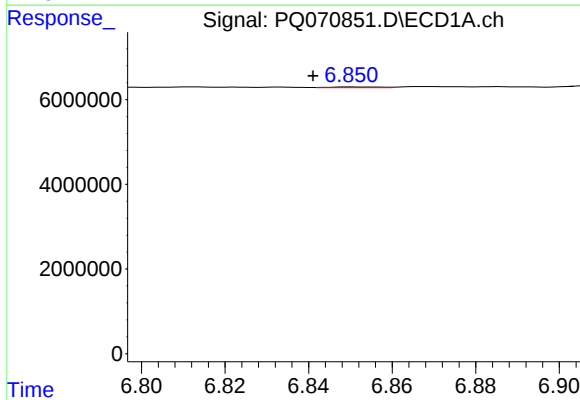
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



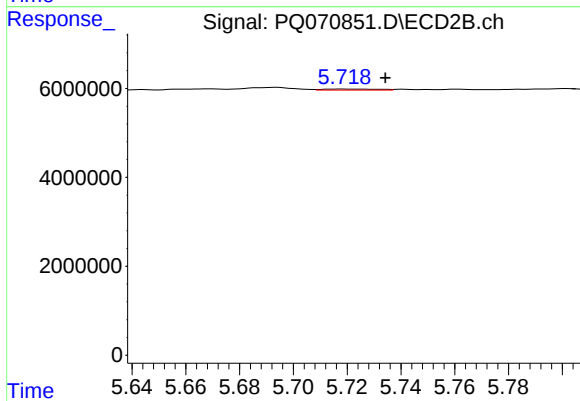
#35 AR-1260-5

R.T.: 6.227 min
Delta R.T.: 0.001 min
Response: 883008
Conc: 1.08 ng/ml



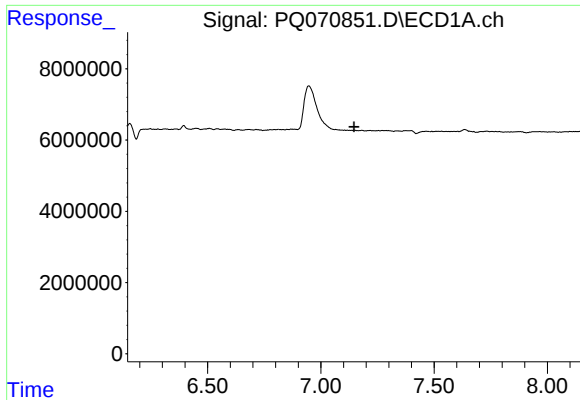
#36 AR-1262-1

R.T.: 6.850 min
Delta R.T.: 0.009 min
Response: 146336
Conc: 0.44 ng/ml



#36 AR-1262-1

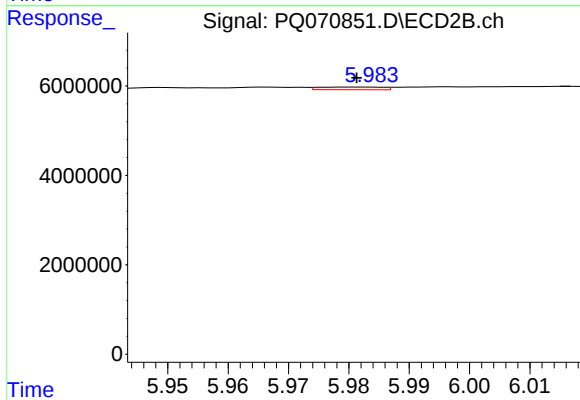
R.T.: 5.719 min
Delta R.T.: -0.016 min
Response: 336268
Conc: 0.63 ng/ml



#37 AR-1262-2

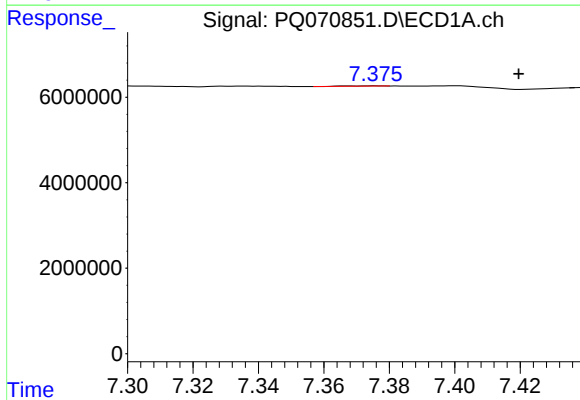
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



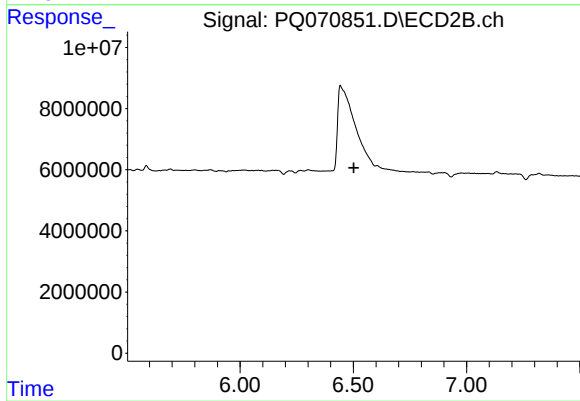
#37 AR-1262-2

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 442789
Conc: 0.89 ng/ml



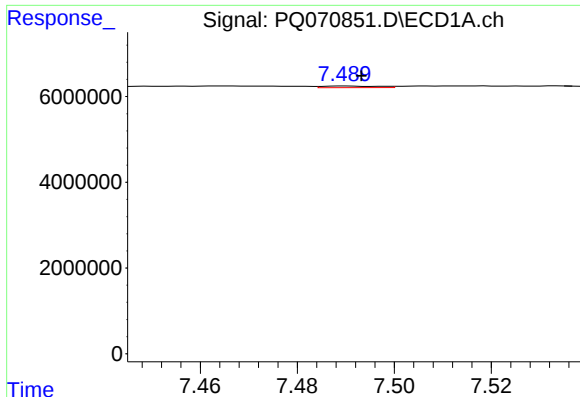
#38 AR-1262-3

R.T.: 7.376 min
Delta R.T.: -0.043 min
Response: 57126
Conc: 0.14 ng/ml



#38 AR-1262-3

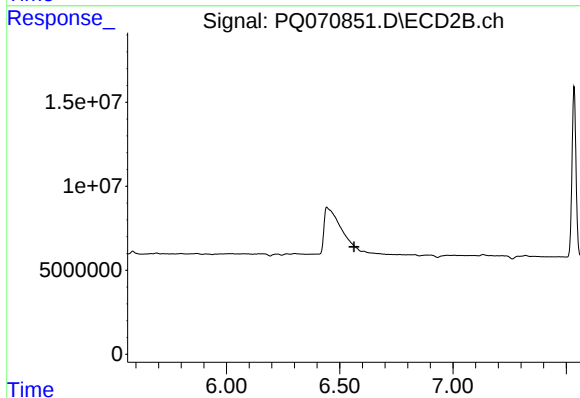
R.T.: 0.000 min
Exp R.T.: 6.502 min
Response: 0
Conc: N.D.



#39 AR-1262-4

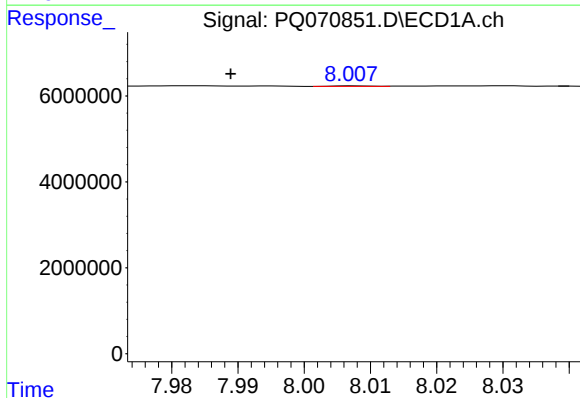
R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 307457
Conc: 0.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



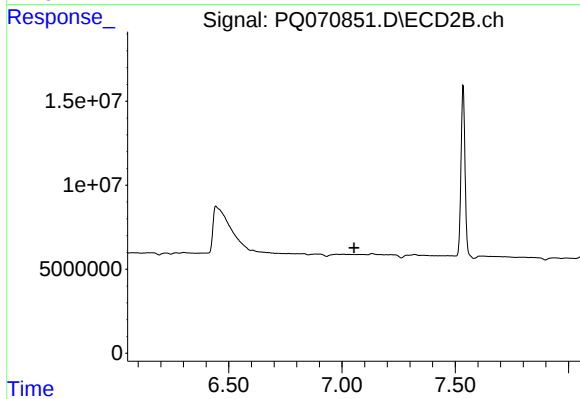
#39 AR-1262-4

R.T.: 6.606 min
Delta R.T.: 0.043 min
Response: -484498
Conc: N.D.



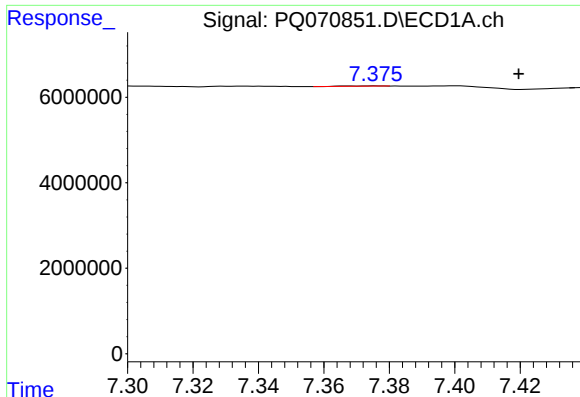
#40 AR-1262-5

R.T.: 8.007 min
Delta R.T.: 0.018 min
Response: 45830
Conc: 0.23 ng/ml



#40 AR-1262-5

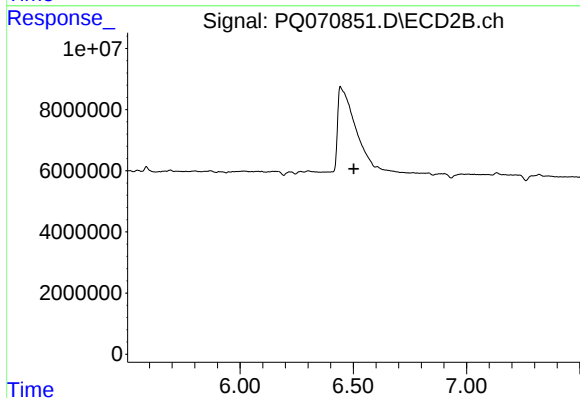
R.T.: 0.000 min
Exp R.T.: 7.053 min
Response: 0
Conc: N.D.



#41 AR-1268-1

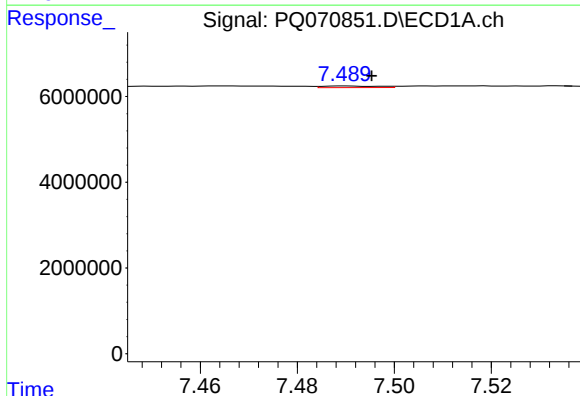
R.T.: 7.376 min
Delta R.T.: -0.043 min
Response: 57126
Conc: 0.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



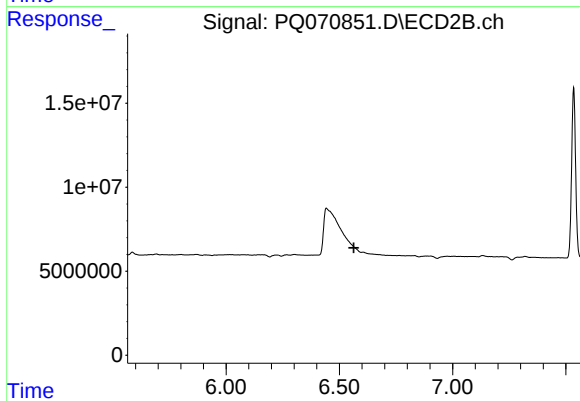
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.502 min
Response: 0
Conc: N.D.



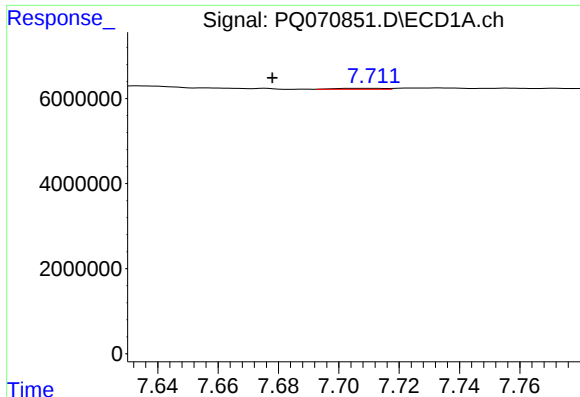
#42 AR-1268-2

R.T.: 7.490 min
Delta R.T.: -0.005 min
Response: 307457
Conc: 0.49 ng/ml



#42 AR-1268-2

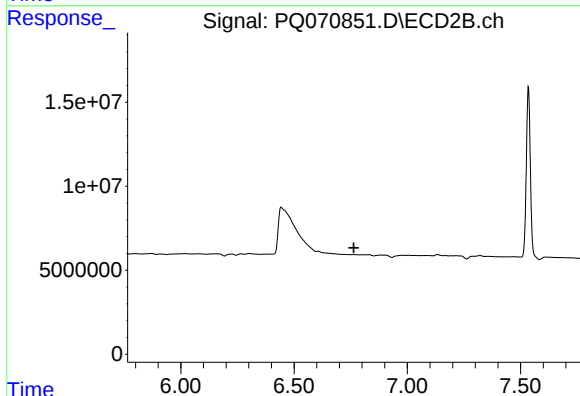
R.T.: 6.606 min
Delta R.T.: 0.042 min
Response: -484498
Conc: N.D.



#43 AR-1268-3

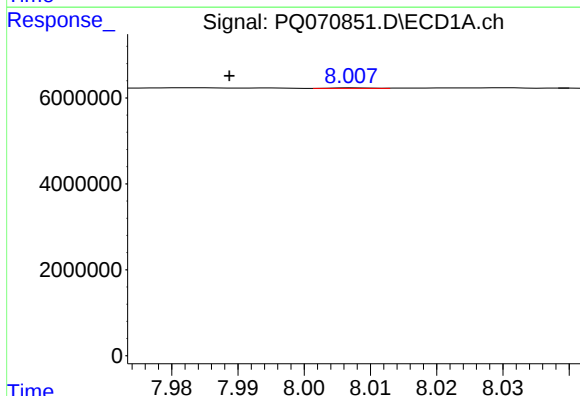
R.T.: 7.711 min
Delta R.T.: 0.033 min
Response: 273283
Conc: 0.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



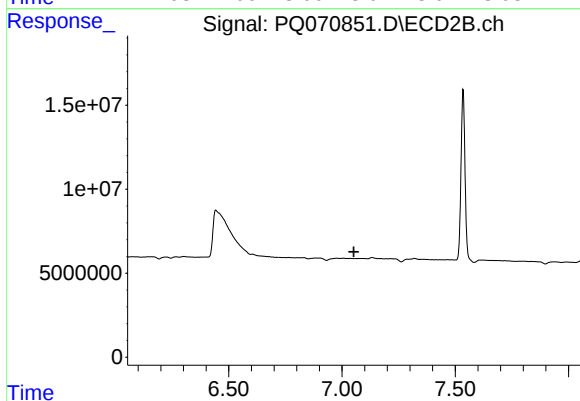
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 6.764 min
Response: 0
Conc: N.D.



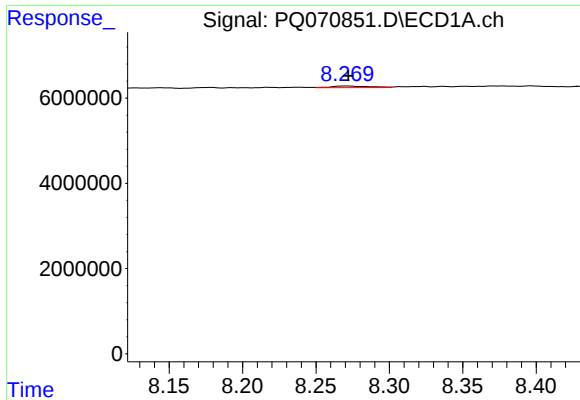
#44 AR-1268-4

R.T.: 8.007 min
Delta R.T.: 0.019 min
Response: 45830
Conc: 0.21 ng/ml



#44 AR-1268-4

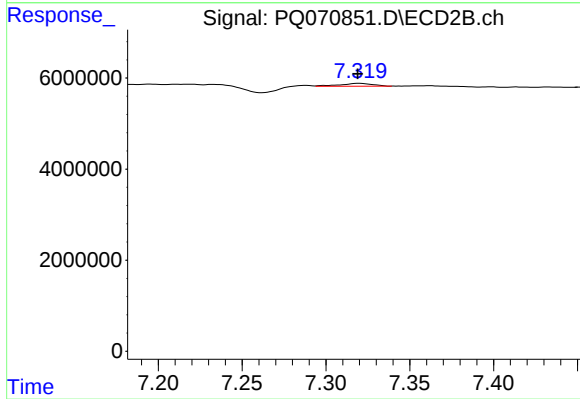
R.T.: 0.000 min
Exp R.T. : 7.052 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: -0.002 min
Response: 701201
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 857860
Conc: 0.31 ng/ml