

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070869.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 10:39
 Operator : YP\AJ
 Sample : Q2893-02
 Misc : AR1221 SOIL LOQ 50PPB
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:50:20 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...	3.402	2.778	107.3E6	121.3E6	20.034	18.923
2)	SA Decachlor...	8.497	7.535	86671868	147.7E6	22.478	20.943
Target Compounds							
3)	L1 AR-1016-1	4.482	3.779	271278	754173	1.636	3.517 #
4)	L1 AR-1016-2	4.498	3.793	1224510	1030556	4.591	3.170 #
5)	L1 AR-1016-3	4.558	3.953	891418	548924	5.384	3.021 #
6)	L1 AR-1016-4	4.650	4.003	898053	340969	6.634	2.151 #
7)	L1 AR-1016-5	4.932	4.192	184544	237418	1.380	1.274
8)	L2 AR-1221-1	3.595	2.978	3060505	3103677	41.593	34.761
9)	L2 AR-1221-2	3.673	3.051	3285867	4282291	61.295	63.966
10)	L2 AR-1221-3	3.741	3.122	7179671	7814458	43.572	39.129
11)	L3 AR-1232-1	3.741	3.122	7179671	7814458	51.452	45.770
12)	L3 AR-1232-2	4.227	3.793	1436185	1030556	18.762	5.936 #
13)	L3 AR-1232-3	4.498	3.953	1224510	548924	8.541	5.880 #
14)	L3 AR-1232-4	4.650	4.034	898053	1030829	12.546	12.920
15)	L3 AR-1232-5	4.793	4.192	949617	237418	16.356	2.671 #
16)	L4 AR-1242-1	4.482	3.779	271278	754173	1.765	4.057 #
17)	L4 AR-1242-2	4.498	3.793	1224510	1030556	5.115	3.659 #
18)	L4 AR-1242-3	4.558	3.953	891418	548924	5.988	3.504 #
19)	L4 AR-1242-4	4.650	4.034	898053	1030829	7.301	7.058
20)	L4 AR-1242-5	5.391f	4.537	148837	436120	1.128	2.256 #
21)	L5 AR-1248-1	4.482	3.779	271278	754173	2.368	5.281 #
22)	L5 AR-1248-2	4.765	4.003	1080565	340969	6.608	1.578 #
23)	L5 AR-1248-3	4.932	4.034	184544	1030829	0.943	4.956 #
24)	L5 AR-1248-4	5.291f	4.192	722615	237418	3.343	0.930 #
25)	L5 AR-1248-5	5.391f	4.558	148837	423461	0.681	1.638 #
26)	L6 AR-1254-1	5.291	4.537	722615	436120	3.093	1.096 #
27)	L6 AR-1254-2	5.500	4.678	553389	280005	1.550	0.799 #
28)	L6 AR-1254-3	5.851	5.071	318547	2049228	0.840	3.623 #
29)	L6 AR-1254-4	6.118	5.286	59856	170429	0.223	0.493 #
30)	L6 AR-1254-5	6.555	5.644f	439043	61270	1.465	0.117 #
31)	L7 AR-1260-1	6.029	5.188	148758	101079	0.607	0.283 #
32)	L7 AR-1260-2	6.317f	5.367	307295	249108	1.026	0.586 #
33)	L7 AR-1260-3	6.660f	5.539	126686	727385	0.591	1.798 #
34)	L7 AR-1260-4	6.850	5.964	199661	78197	0.840	0.221 #
35)	L7 AR-1260-5	0.000	6.228	0	244939	N.D.	0.298 #
36)	L8 AR-1262-1	6.850	0.000	199661	0	0.596	N.D. #
37)	L8 AR-1262-2	0.000	5.964	0	78197	N.D.	0.157 #
38)	L8 AR-1262-3	7.438	0.000	128698	0	0.321	N.D. #
39)	L8 AR-1262-4	7.500	6.606f	248787	177920	0.786	0.243 #
41)	L9 AR-1268-1	7.438	0.000	128698	0	0.188	N.D. #
42)	L9 AR-1268-2	7.500	6.606f	248787	177920	0.394	0.170 #

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 Sample : Q2893-02
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 ECD_Q
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:50:20 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
43) L9	AR-1268-3	7.669	6.767	128873	793642	0.248	0.888 #
45) L9	AR-1268-5	8.273	7.321	354074	743778	0.229	0.272

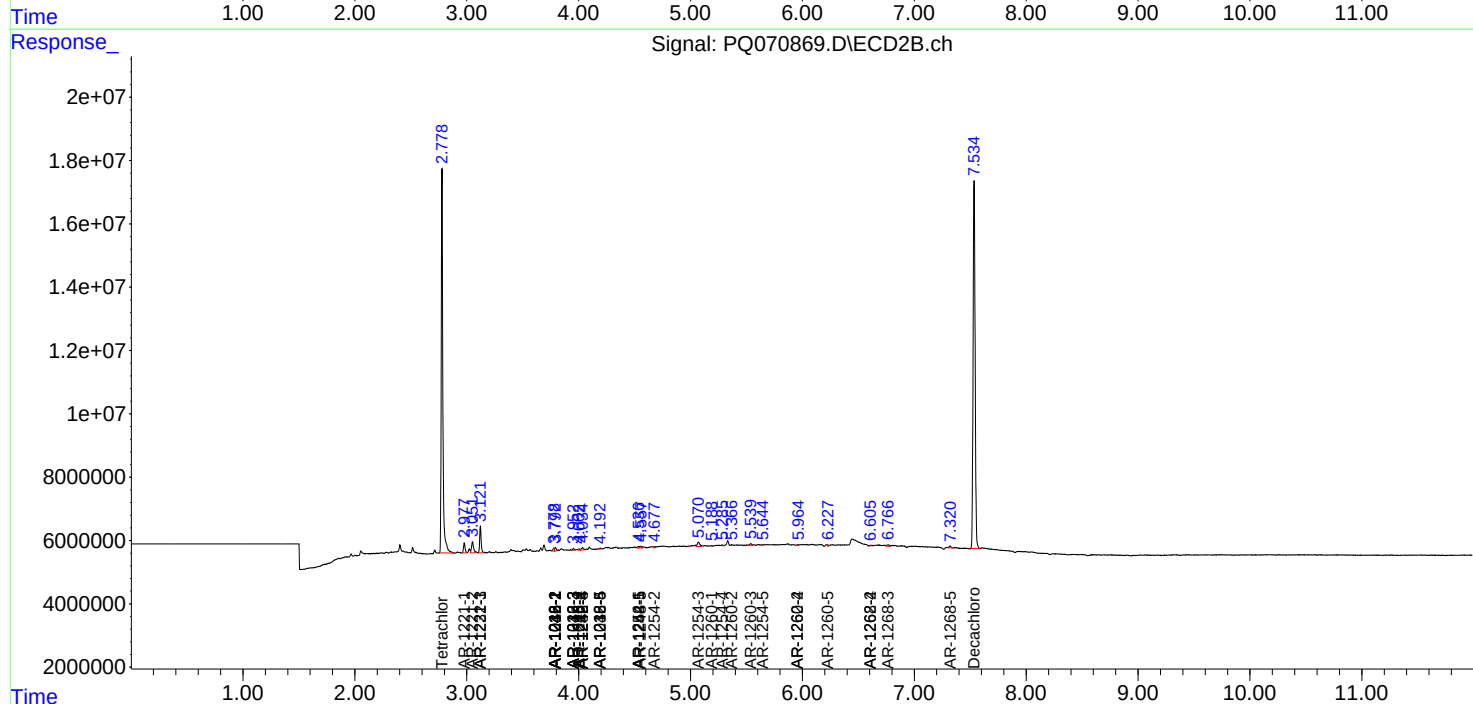
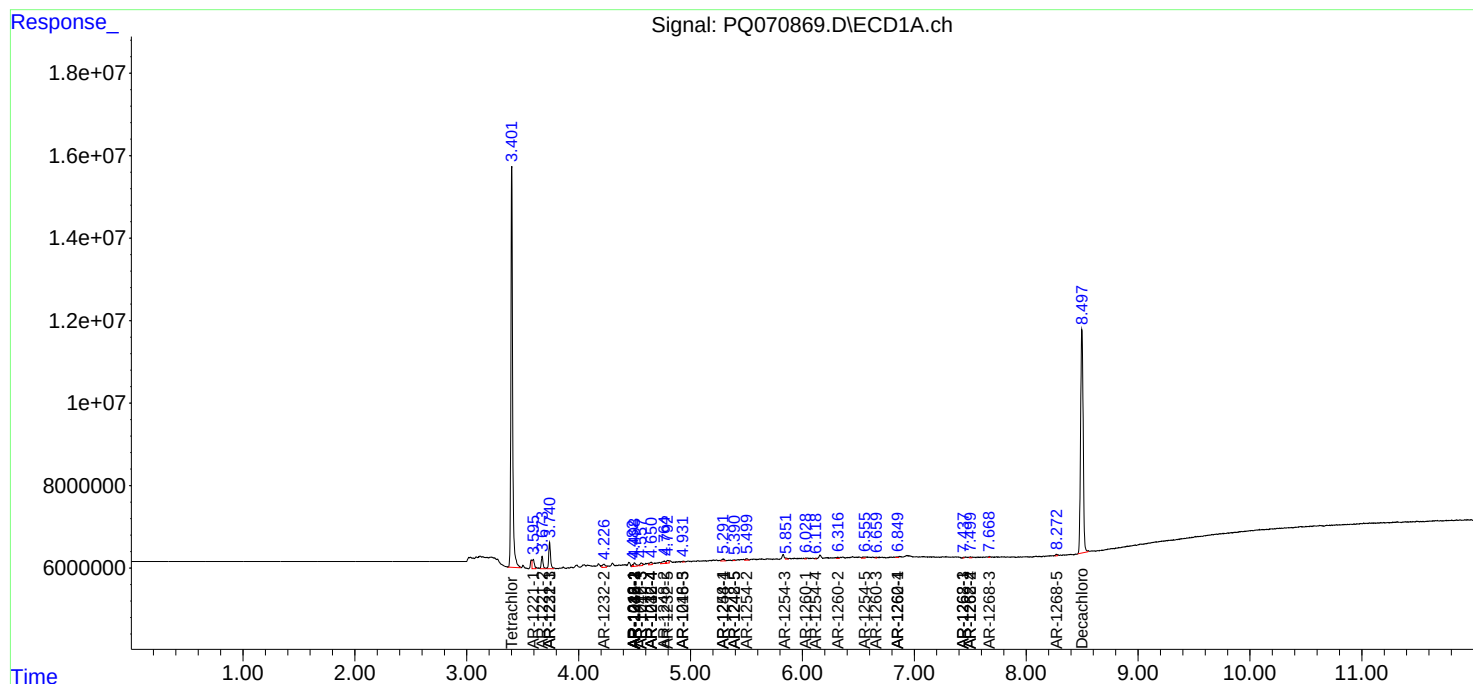
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

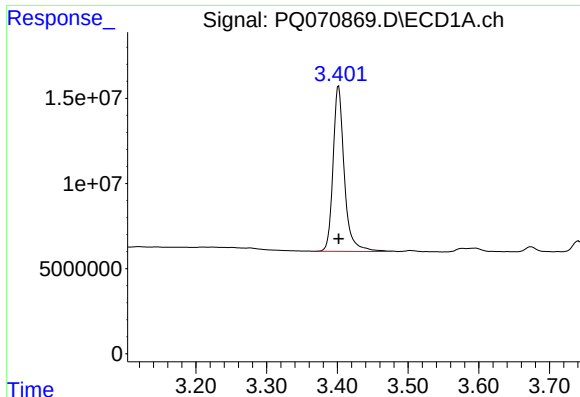
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
Data File : PQ070869.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 10 12:25:43 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

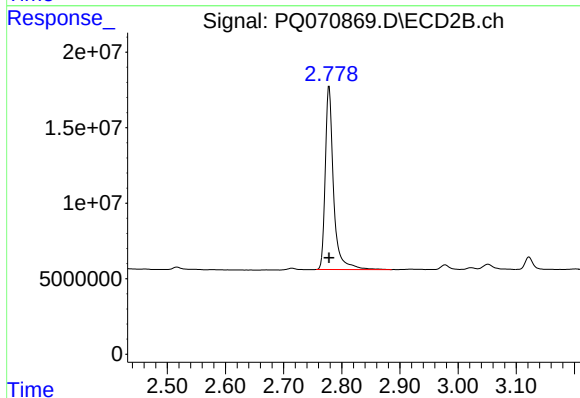




#1 Tetrachloro-m-xylene

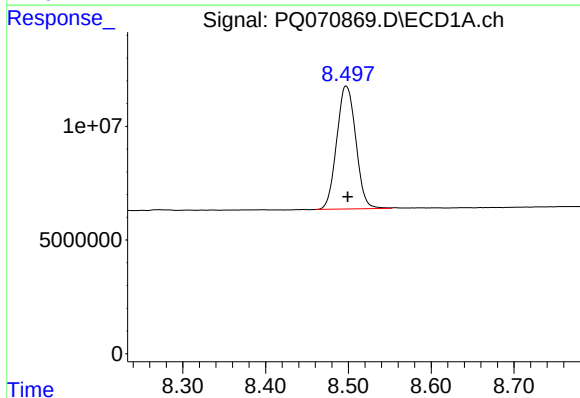
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 107303903
Conc: 20.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



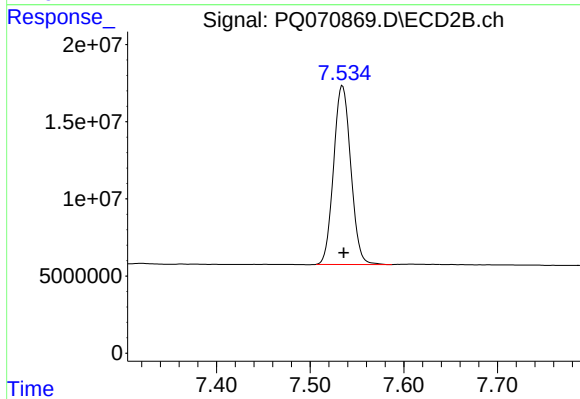
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 121342456
Conc: 18.92 ng/ml



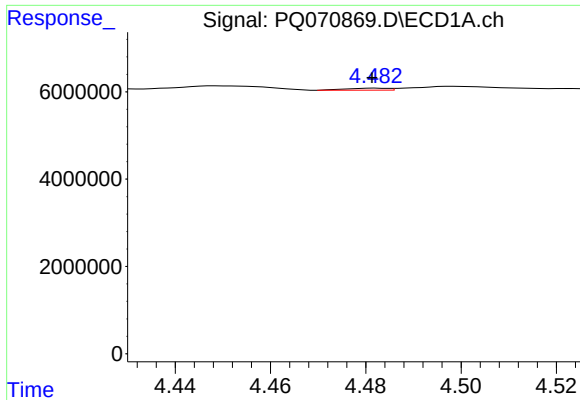
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 86671868
Conc: 22.48 ng/ml



#2 Decachlorobiphenyl

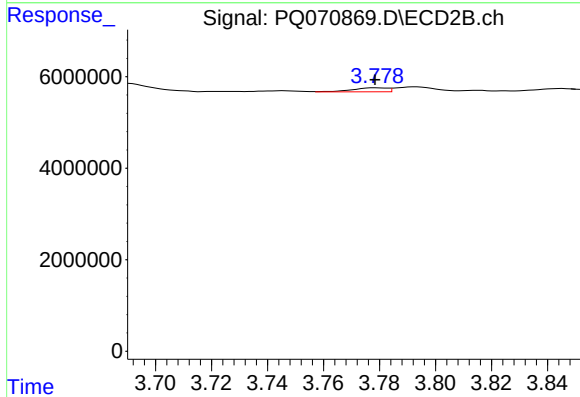
R.T.: 7.535 min
Delta R.T.: -0.001 min
Response: 147707612
Conc: 20.94 ng/ml



#3 AR-1016-1

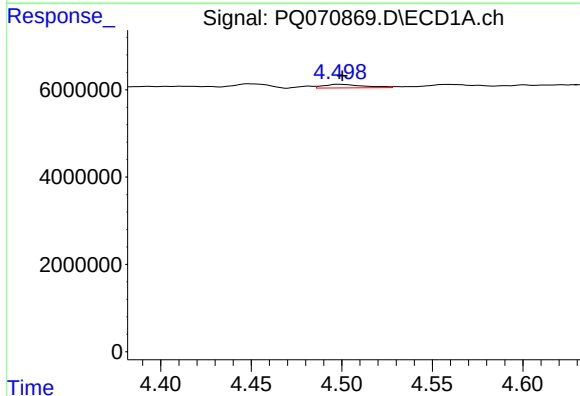
R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 271278
Conc: 1.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



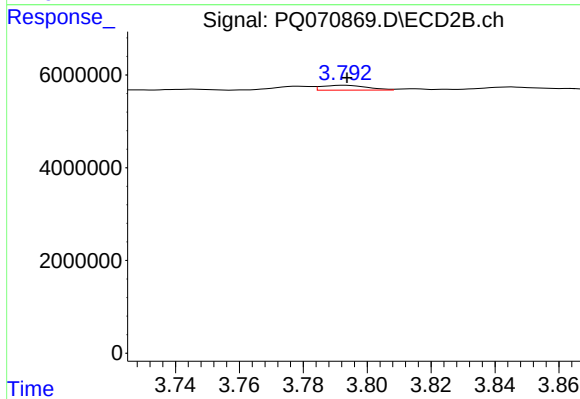
#3 AR-1016-1

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 754173
Conc: 3.52 ng/ml



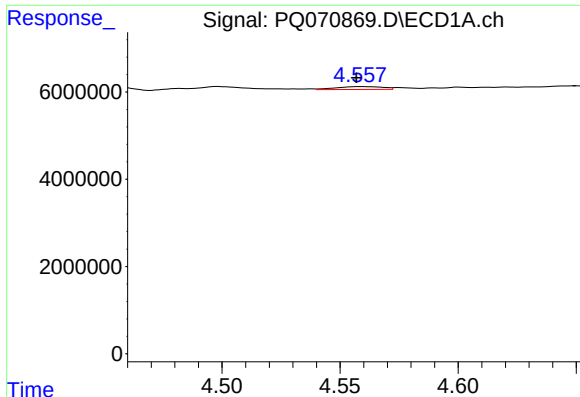
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 1224510
Conc: 4.59 ng/ml



#4 AR-1016-2

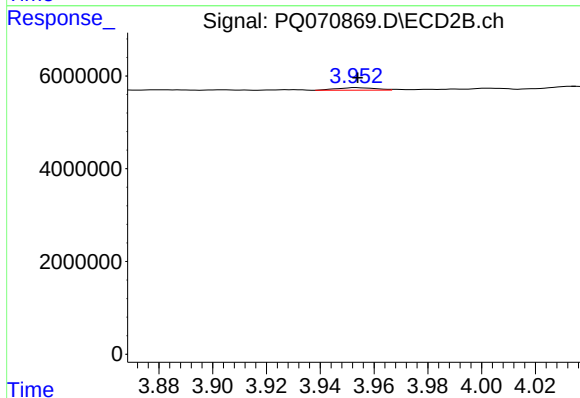
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 1030556
Conc: 3.17 ng/ml



#5 AR-1016-3

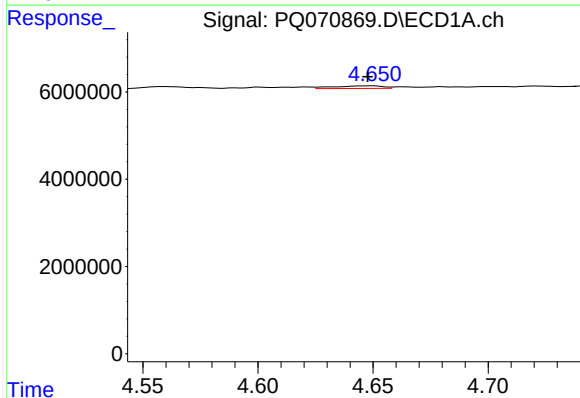
R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 891418
Conc: 5.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



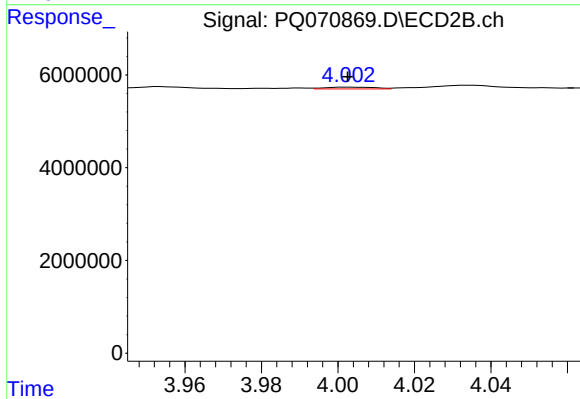
#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 548924
Conc: 3.02 ng/ml



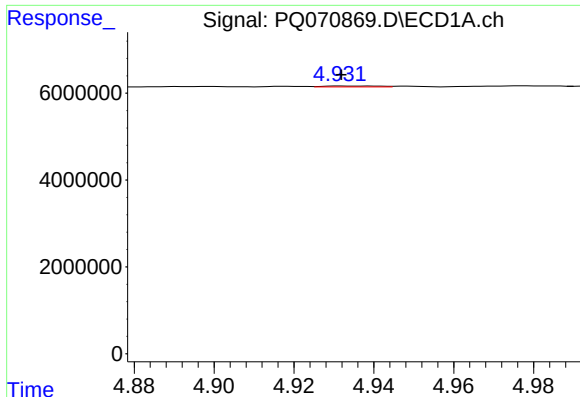
#6 AR-1016-4

R.T.: 4.650 min
Delta R.T.: 0.002 min
Response: 898053
Conc: 6.63 ng/ml



#6 AR-1016-4

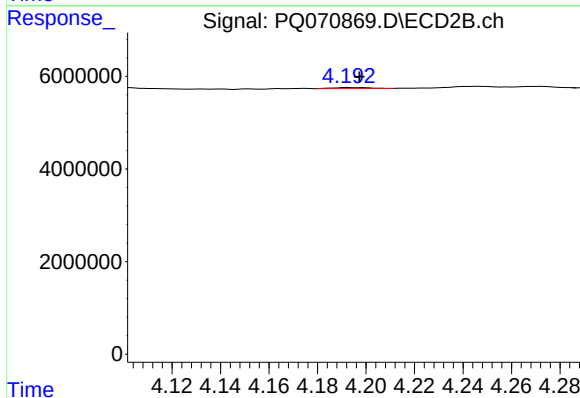
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 340969
Conc: 2.15 ng/ml



#7 AR-1016-5

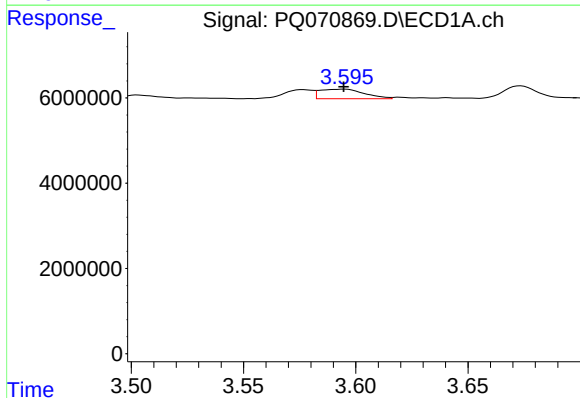
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 184544
Conc: 1.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



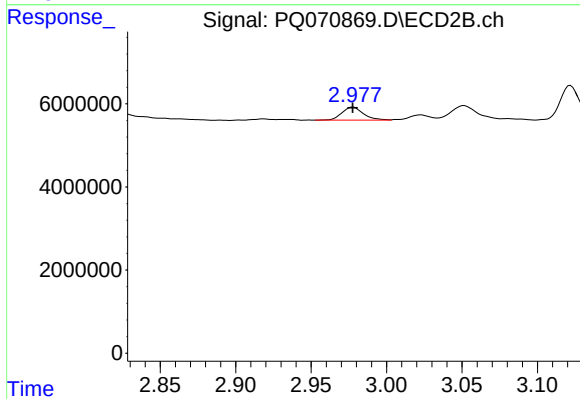
#7 AR-1016-5

R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 237418
Conc: 1.27 ng/ml



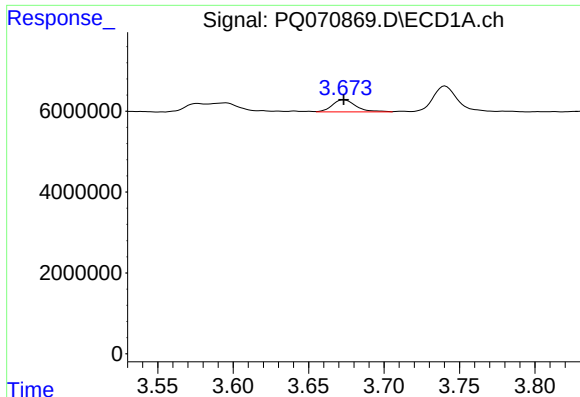
#8 AR-1221-1

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 3060505
Conc: 41.59 ng/ml



#8 AR-1221-1

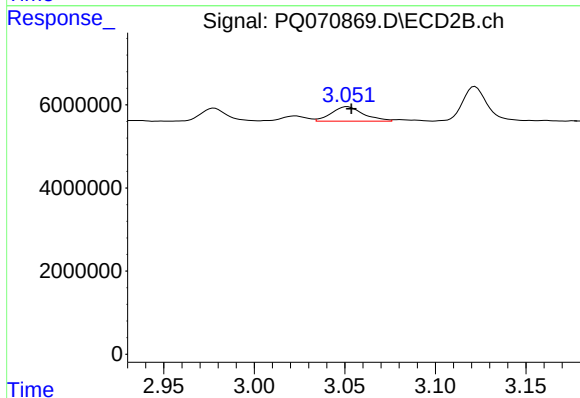
R.T.: 2.978 min
Delta R.T.: 0.000 min
Response: 3103677
Conc: 34.76 ng/ml



#9 AR-1221-2

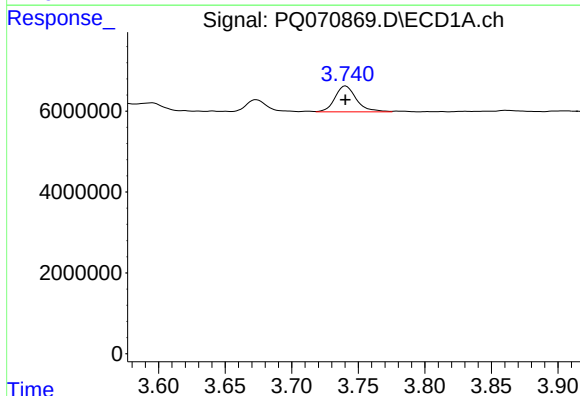
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 3285867
Conc: 61.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



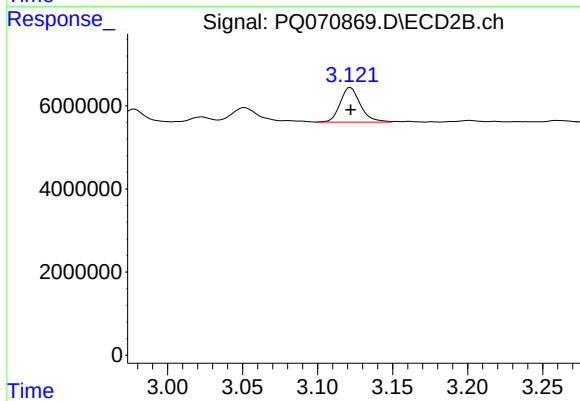
#9 AR-1221-2

R.T.: 3.051 min
Delta R.T.: -0.002 min
Response: 4282291
Conc: 63.97 ng/ml



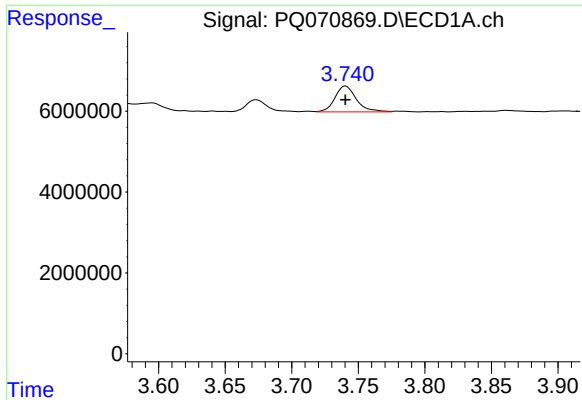
#10 AR-1221-3

R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 7179671
Conc: 43.57 ng/ml



#10 AR-1221-3

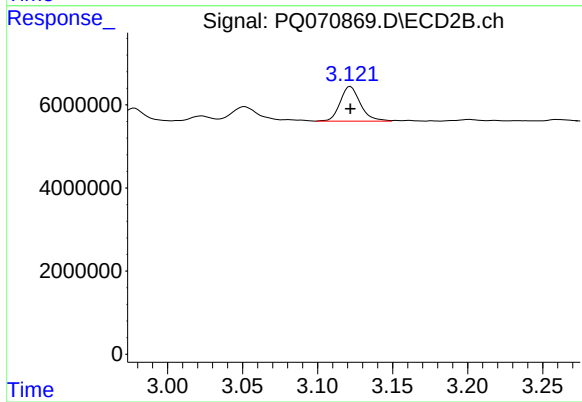
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 7814458
Conc: 39.13 ng/ml



#11 AR-1232-1

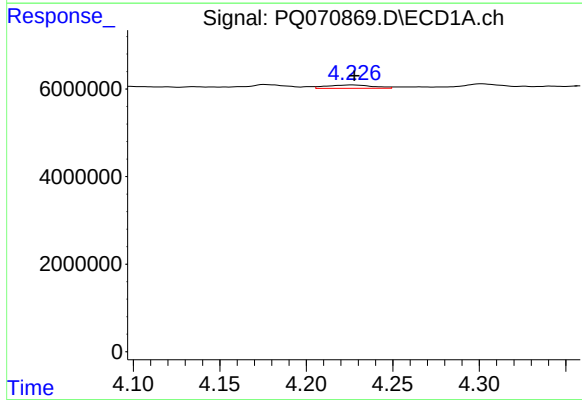
R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 7179671
Conc: 51.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



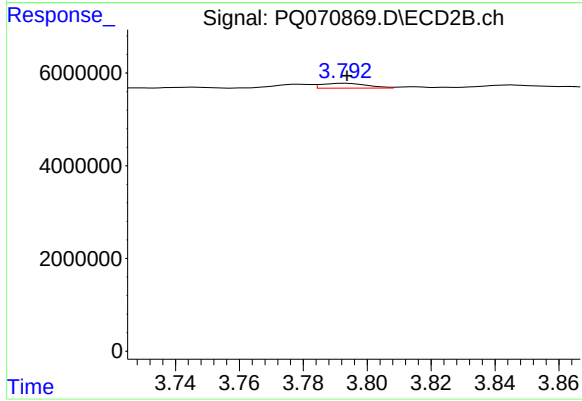
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 7814458
Conc: 45.77 ng/ml



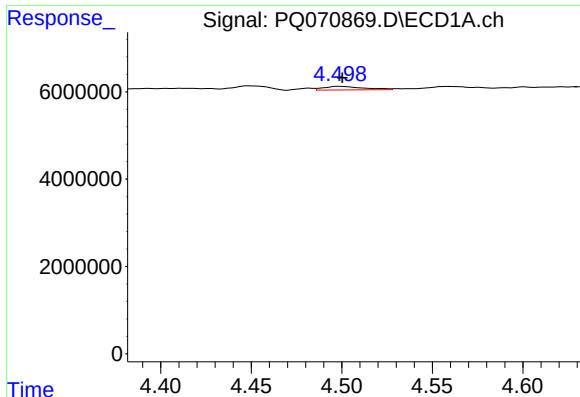
#12 AR-1232-2

R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 1436185
Conc: 18.76 ng/ml



#12 AR-1232-2

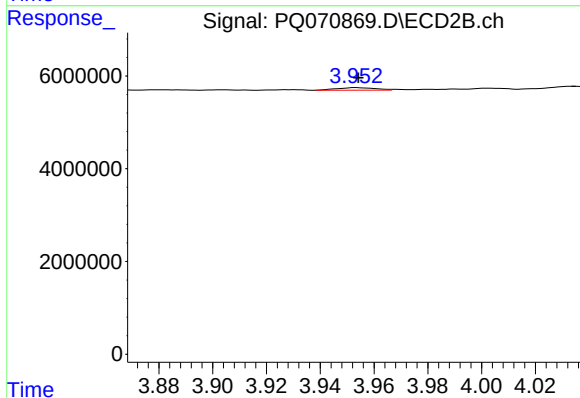
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 1030556
Conc: 5.94 ng/ml



#13 AR-1232-3

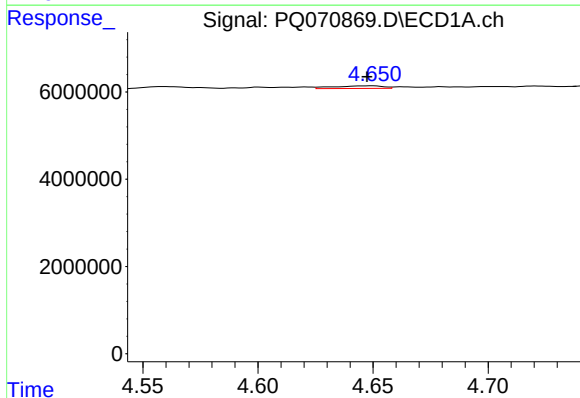
R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 1224510
Conc: 8.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



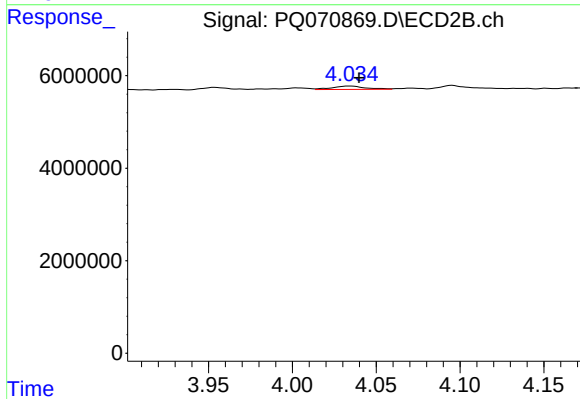
#13 AR-1232-3

R.T.: 3.953 min
Delta R.T.: -0.001 min
Response: 548924
Conc: 5.88 ng/ml



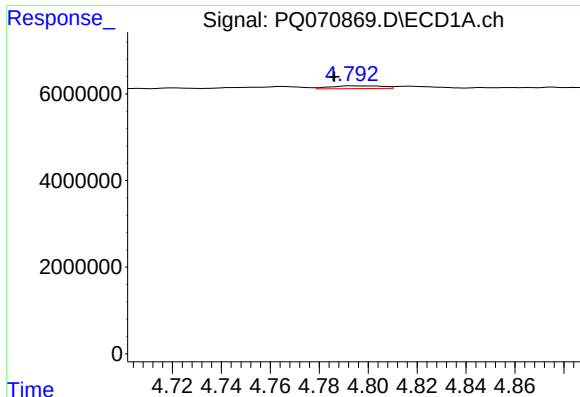
#14 AR-1232-4

R.T.: 4.650 min
Delta R.T.: 0.003 min
Response: 898053
Conc: 12.55 ng/ml



#14 AR-1232-4

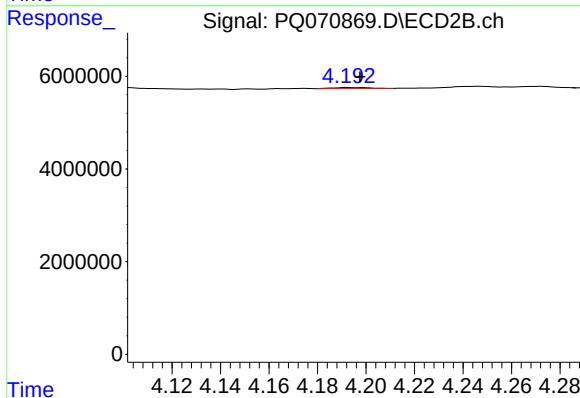
R.T.: 4.034 min
Delta R.T.: -0.005 min
Response: 1030829
Conc: 12.92 ng/ml



#15 AR-1232-5

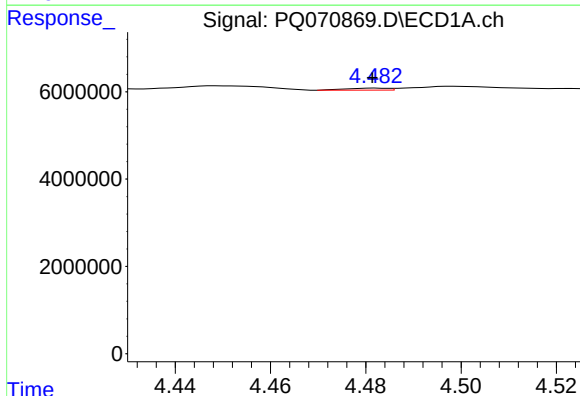
R.T.: 4.793 min
Delta R.T.: 0.007 min
Response: 949617
Conc: 16.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



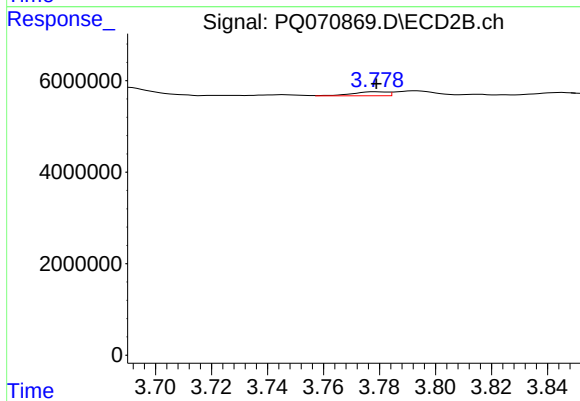
#15 AR-1232-5

R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 237418
Conc: 2.67 ng/ml



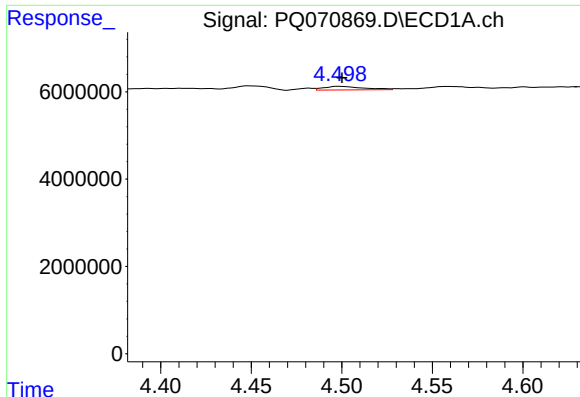
#16 AR-1242-1

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 271278
Conc: 1.76 ng/ml



#16 AR-1242-1

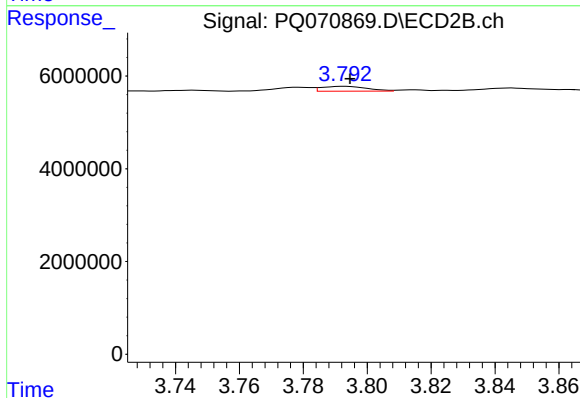
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 754173
Conc: 4.06 ng/ml



#17 AR-1242-2

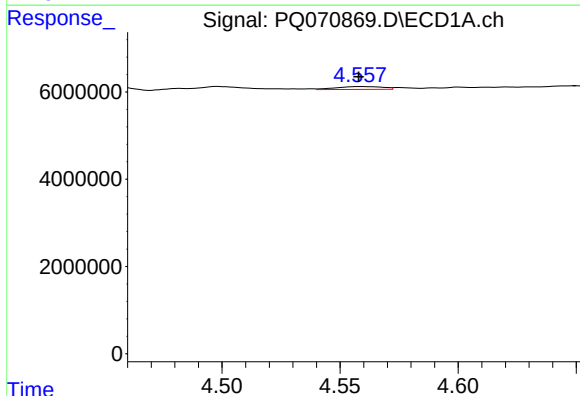
R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 1224510
Conc: 5.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



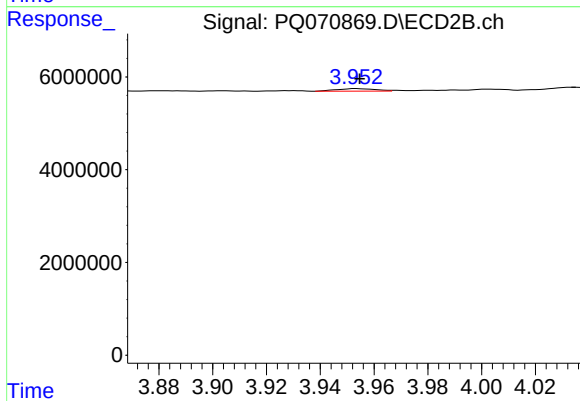
#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: -0.002 min
Response: 1030556
Conc: 3.66 ng/ml



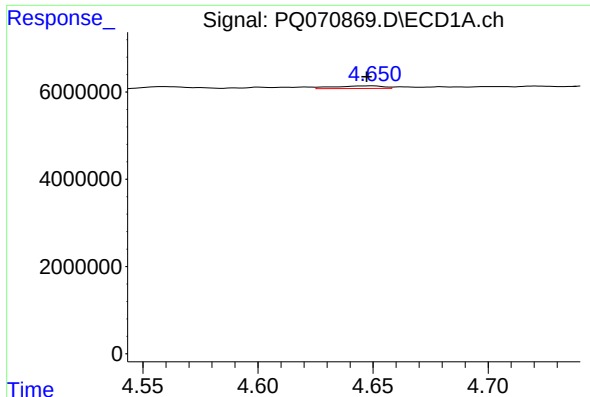
#18 AR-1242-3

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 891418
Conc: 5.99 ng/ml



#18 AR-1242-3

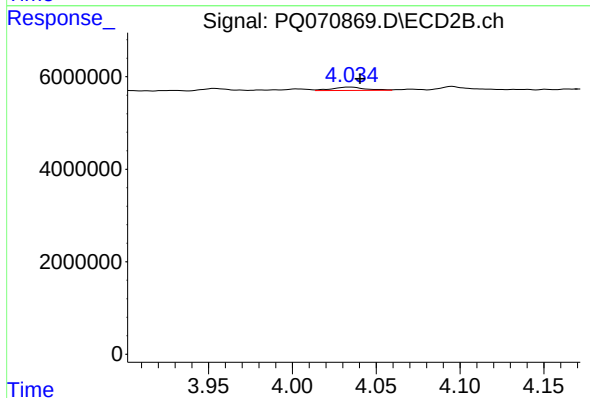
R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 548924
Conc: 3.50 ng/ml



#19 AR-1242-4

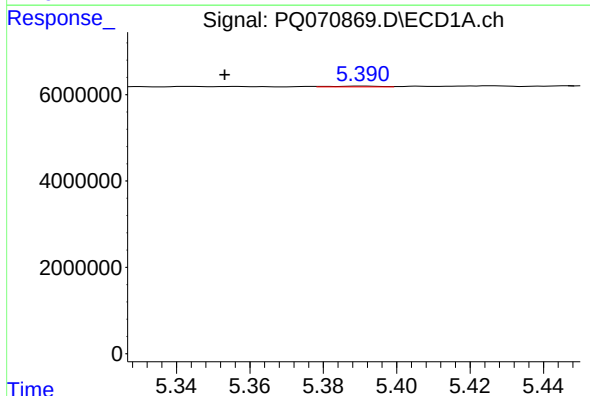
R.T.: 4.650 min
Delta R.T.: 0.003 min
Response: 898053
Conc: 7.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



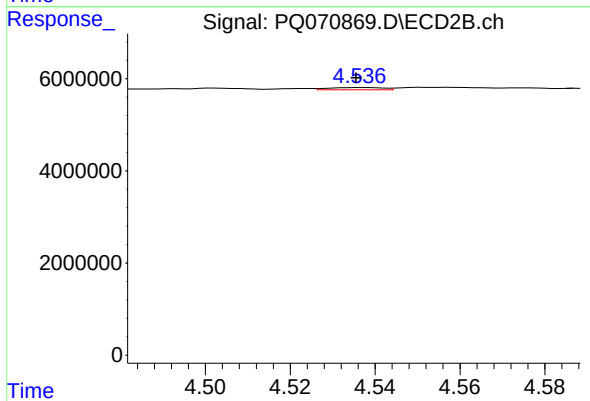
#19 AR-1242-4

R.T.: 4.034 min
Delta R.T.: -0.006 min
Response: 1030829
Conc: 7.06 ng/ml



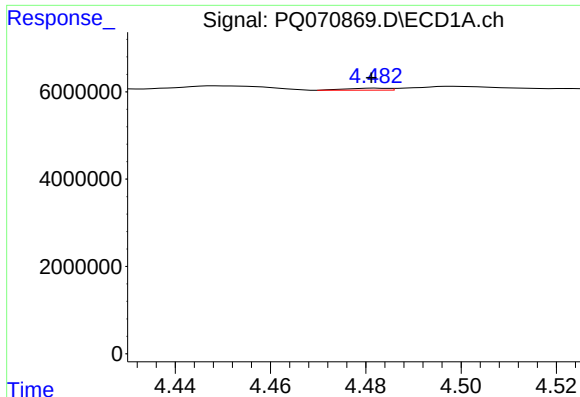
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.038 min
Response: 148837
Conc: 1.13 ng/ml



#20 AR-1242-5

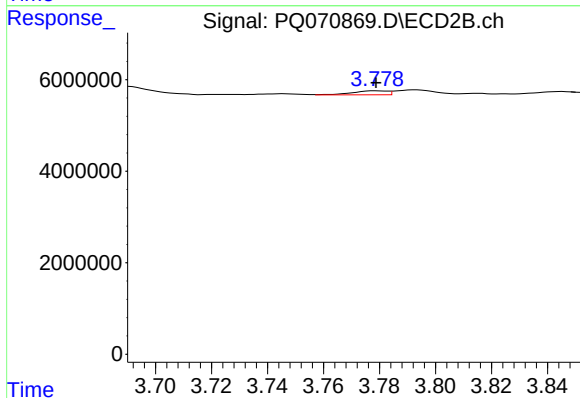
R.T.: 4.537 min
Delta R.T.: 0.001 min
Response: 436120
Conc: 2.26 ng/ml



#21 AR-1248-1

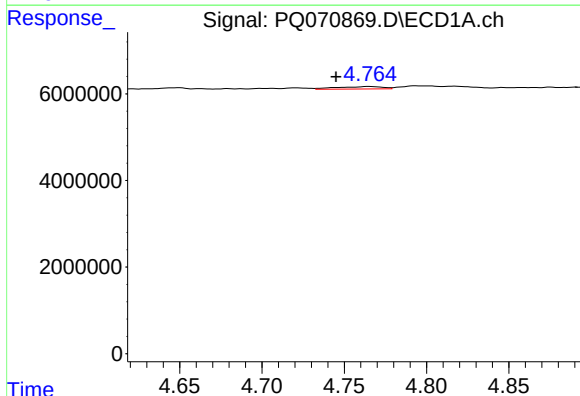
R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 271278
Conc: 2.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



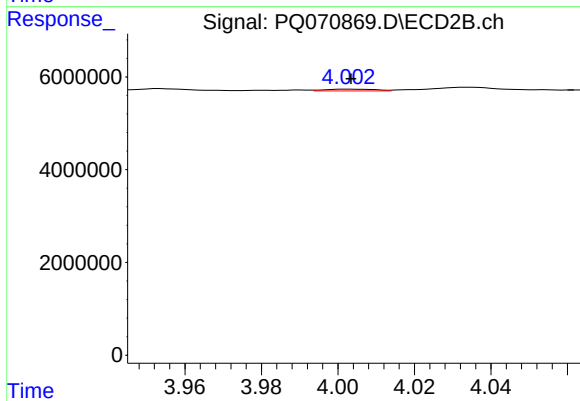
#21 AR-1248-1

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 754173
Conc: 5.28 ng/ml



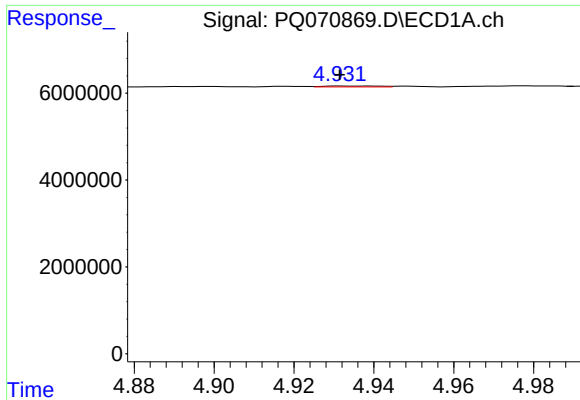
#22 AR-1248-2

R.T.: 4.765 min
Delta R.T.: 0.020 min
Response: 1080565
Conc: 6.61 ng/ml



#22 AR-1248-2

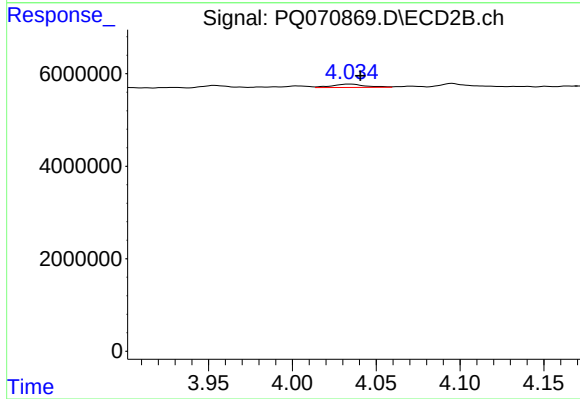
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 340969
Conc: 1.58 ng/ml



#23 AR-1248-3

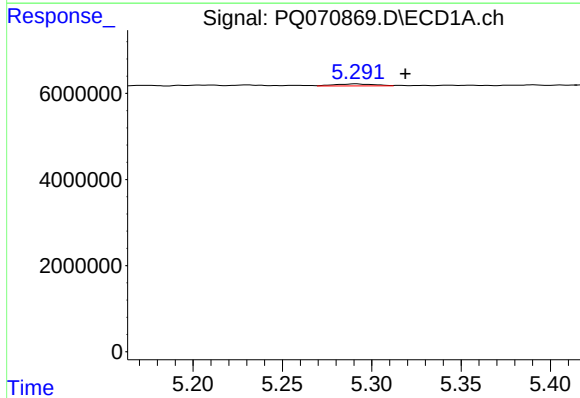
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 184544
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



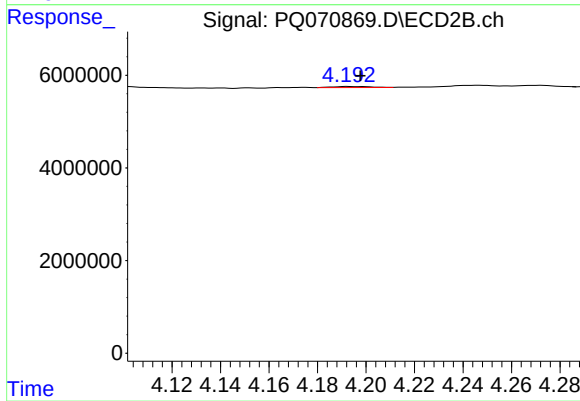
#23 AR-1248-3

R.T.: 4.034 min
Delta R.T.: -0.006 min
Response: 1030829
Conc: 4.96 ng/ml



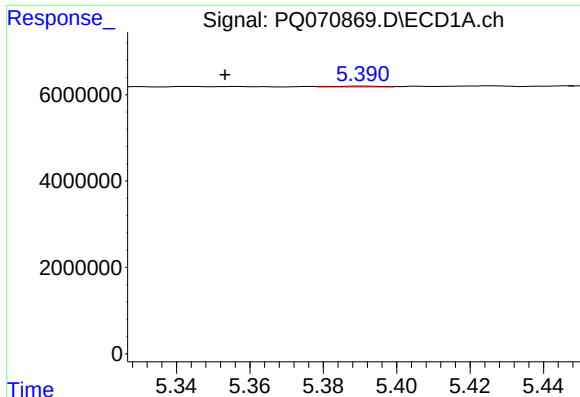
#24 AR-1248-4

R.T.: 5.291 min
Delta R.T.: -0.028 min
Response: 722615
Conc: 3.34 ng/ml



#24 AR-1248-4

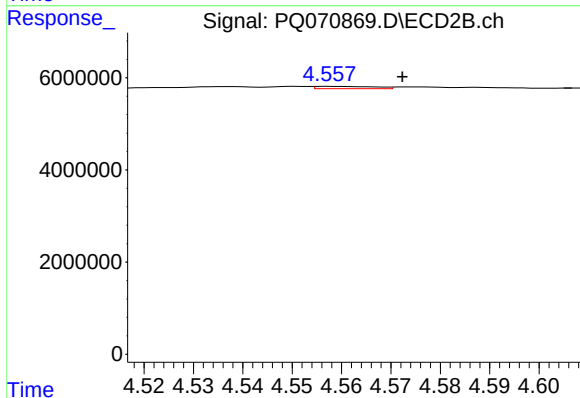
R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 237418
Conc: 0.93 ng/ml



#25 AR-1248-5

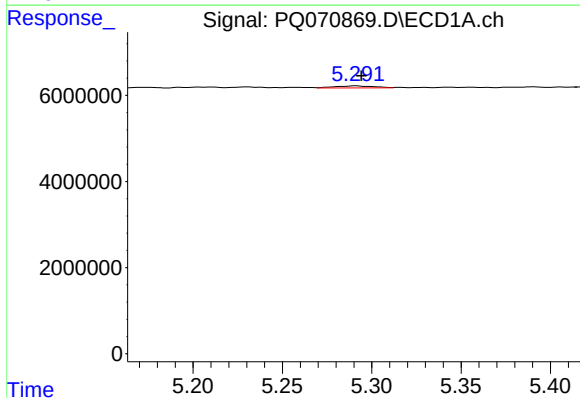
R.T.: 5.391 min
Delta R.T.: 0.038 min
Response: 148837
Conc: 0.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



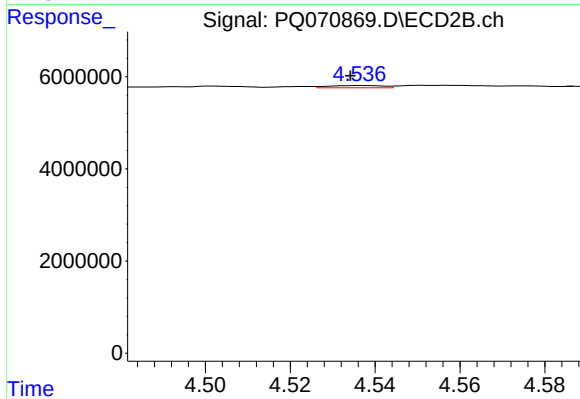
#25 AR-1248-5

R.T.: 4.558 min
Delta R.T.: -0.015 min
Response: 423461
Conc: 1.64 ng/ml



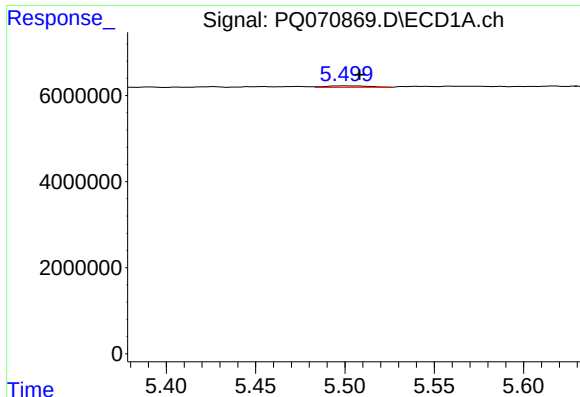
#26 AR-1254-1

R.T.: 5.291 min
Delta R.T.: -0.003 min
Response: 722615
Conc: 3.09 ng/ml



#26 AR-1254-1

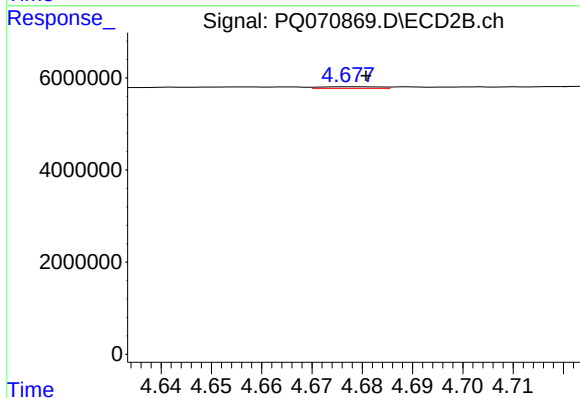
R.T.: 4.537 min
Delta R.T.: 0.003 min
Response: 436120
Conc: 1.10 ng/ml



#27 AR-1254-2

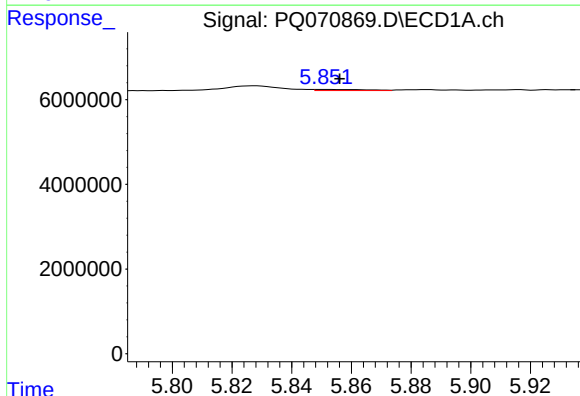
R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 553389
Conc: 1.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



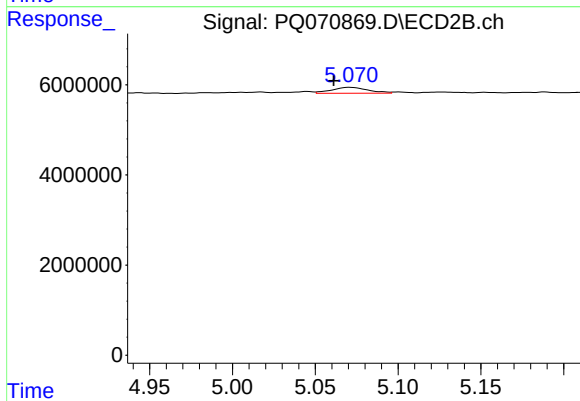
#27 AR-1254-2

R.T.: 4.678 min
Delta R.T.: -0.003 min
Response: 280005
Conc: 0.80 ng/ml



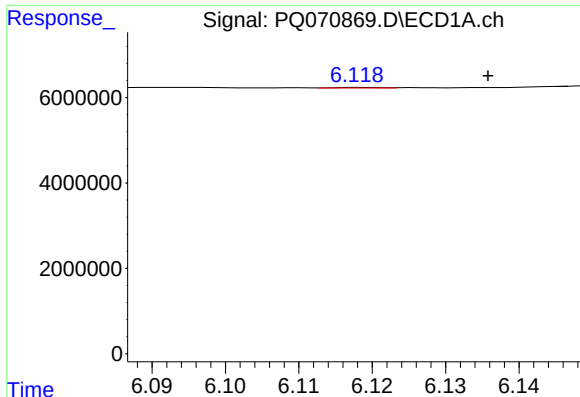
#28 AR-1254-3

R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 318547
Conc: 0.84 ng/ml



#28 AR-1254-3

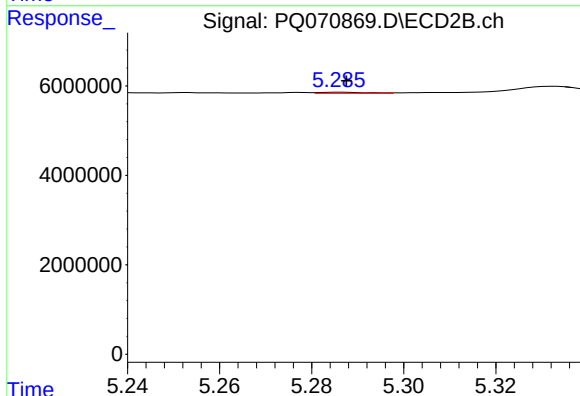
R.T.: 5.071 min
Delta R.T.: 0.010 min
Response: 2049228
Conc: 3.62 ng/ml



#29 AR-1254-4

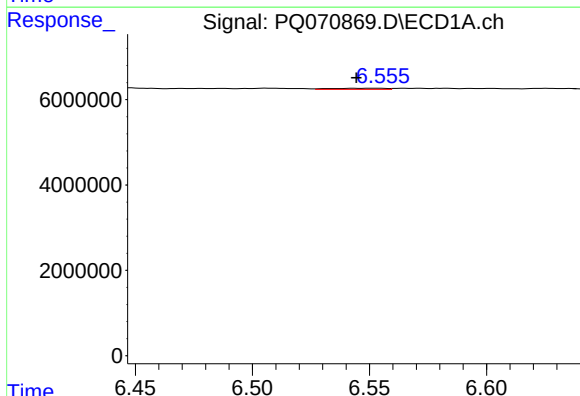
R.T.: 6.118 min
Delta R.T.: -0.018 min
Response: 59856
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



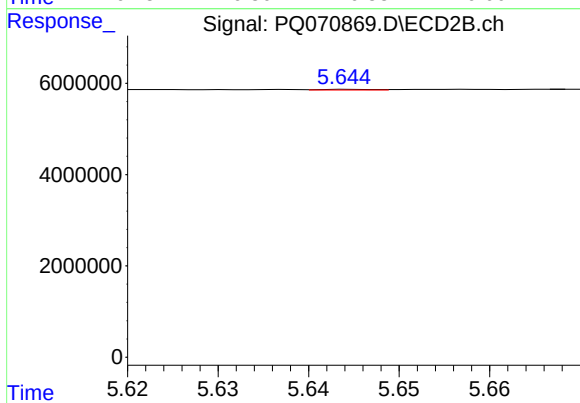
#29 AR-1254-4

R.T.: 5.286 min
Delta R.T.: -0.002 min
Response: 170429
Conc: 0.49 ng/ml



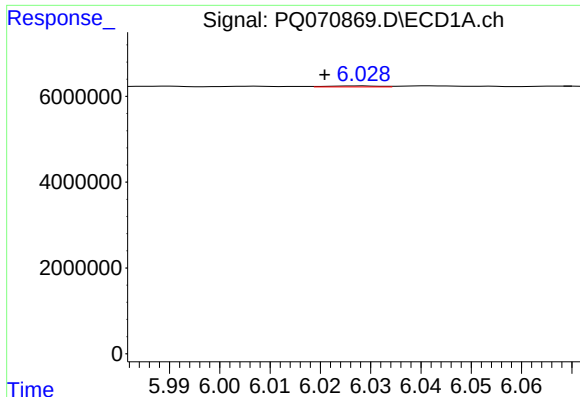
#30 AR-1254-5

R.T.: 6.555 min
Delta R.T.: 0.011 min
Response: 439043
Conc: 1.47 ng/ml



#30 AR-1254-5

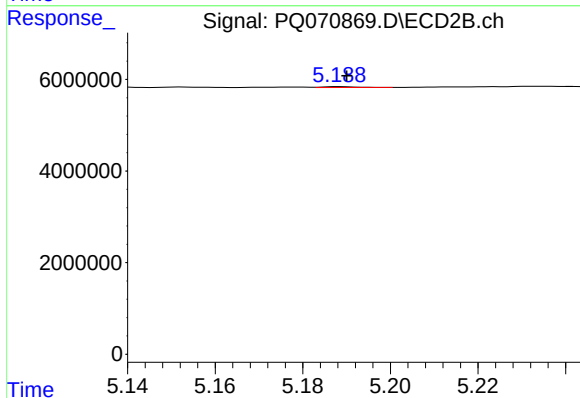
R.T.: 5.644 min
Delta R.T.: -0.047 min
Response: 61270
Conc: 0.12 ng/ml



#31 AR-1260-1

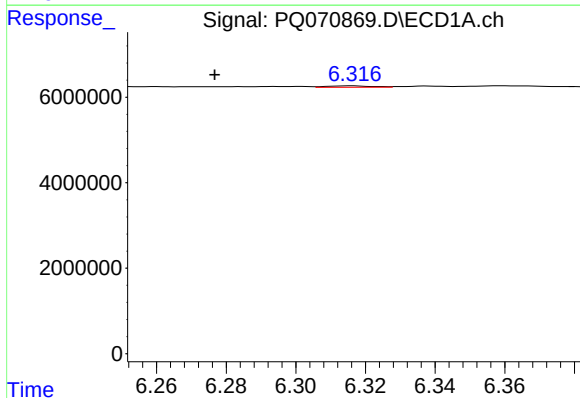
R.T.: 6.029 min
Delta R.T.: 0.008 min
Response: 148758
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



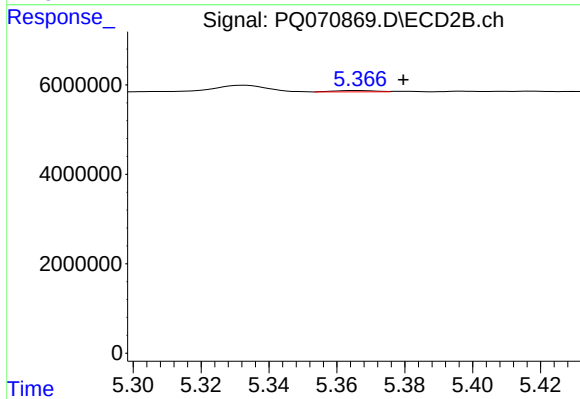
#31 AR-1260-1

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 101079
Conc: 0.28 ng/ml



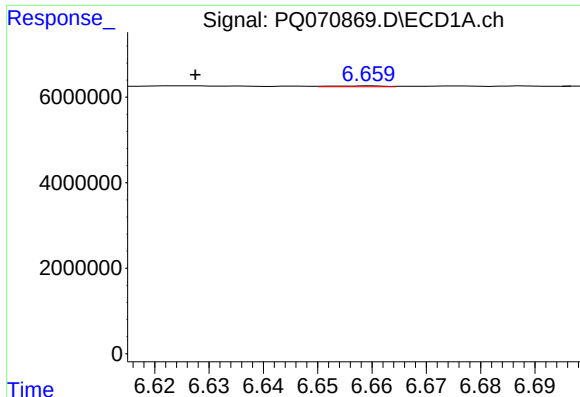
#32 AR-1260-2

R.T.: 6.317 min
Delta R.T.: 0.040 min
Response: 307295
Conc: 1.03 ng/ml



#32 AR-1260-2

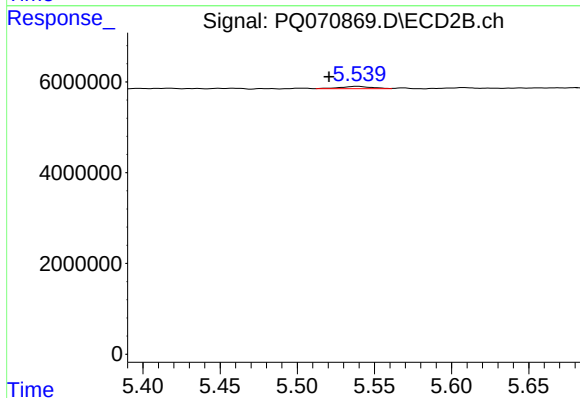
R.T.: 5.367 min
Delta R.T.: -0.013 min
Response: 249108
Conc: 0.59 ng/ml



#33 AR-1260-3

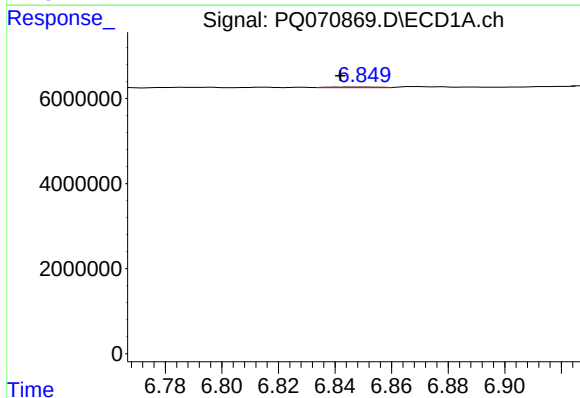
R.T.: 6.660 min
Delta R.T.: 0.032 min
Response: 126686
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



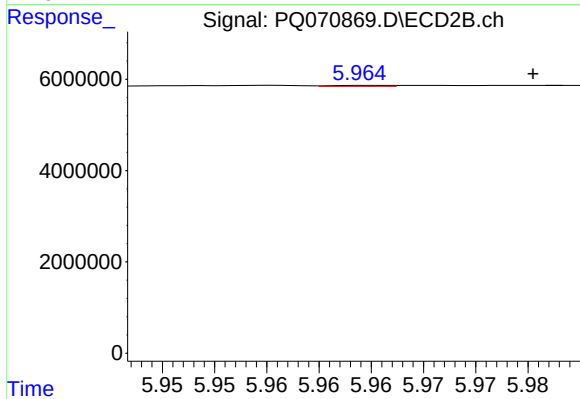
#33 AR-1260-3

R.T.: 5.539 min
Delta R.T.: 0.019 min
Response: 727385
Conc: 1.80 ng/ml



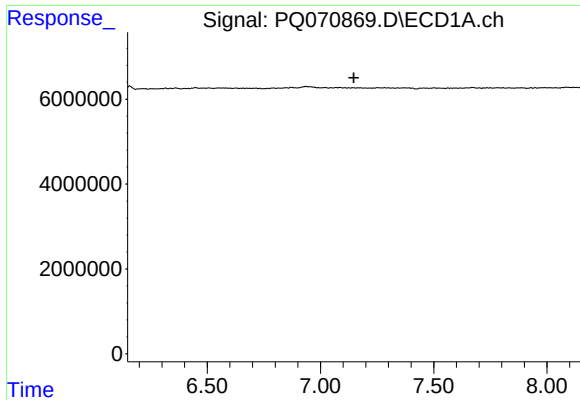
#34 AR-1260-4

R.T.: 6.850 min
Delta R.T.: 0.008 min
Response: 199661
Conc: 0.84 ng/ml



#34 AR-1260-4

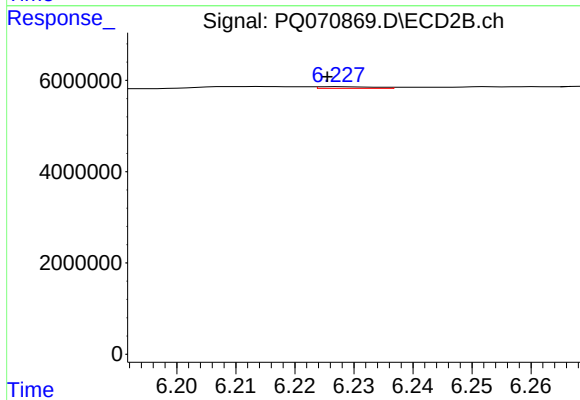
R.T.: 5.964 min
Delta R.T.: -0.016 min
Response: 78197
Conc: 0.22 ng/ml



#35 AR-1260-5

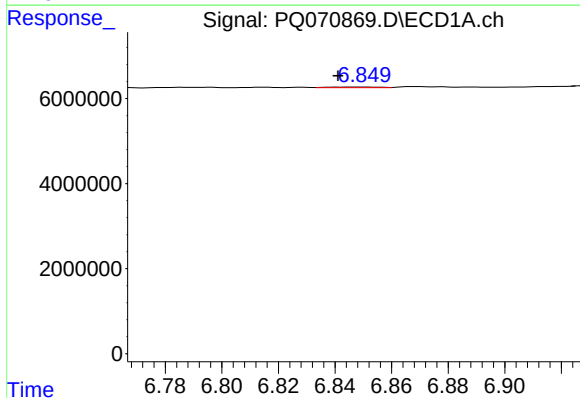
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



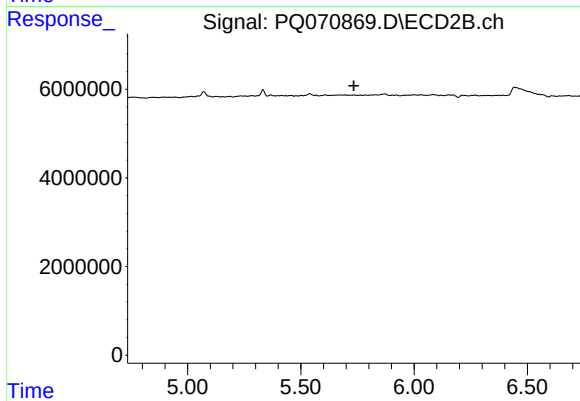
#35 AR-1260-5

R.T.: 6.228 min
Delta R.T.: 0.002 min
Response: 244939
Conc: 0.30 ng/ml



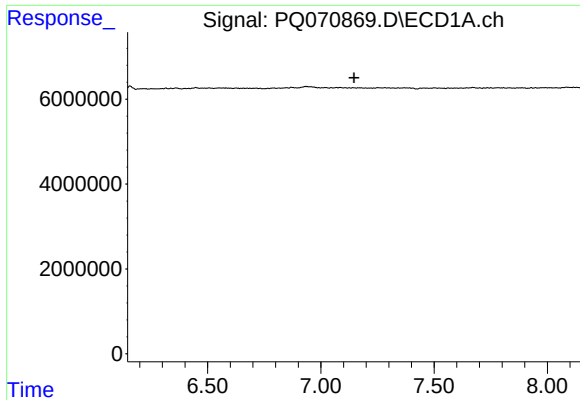
#36 AR-1262-1

R.T.: 6.850 min
Delta R.T.: 0.009 min
Response: 199661
Conc: 0.60 ng/ml



#36 AR-1262-1

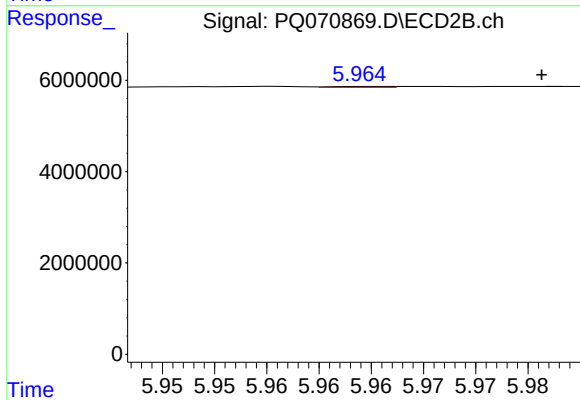
R.T.: 0.000 min
Exp R.T.: 5.734 min
Response: 0
Conc: N.D.



#37 AR-1262-2

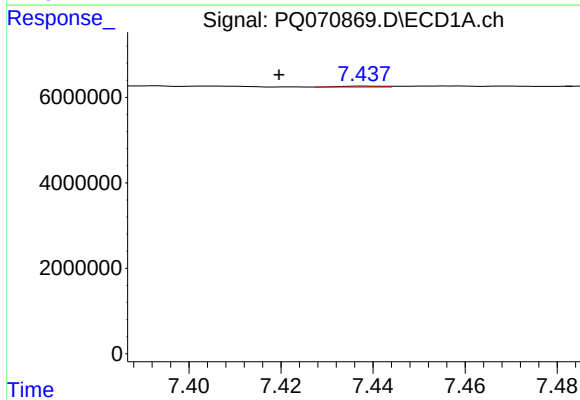
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



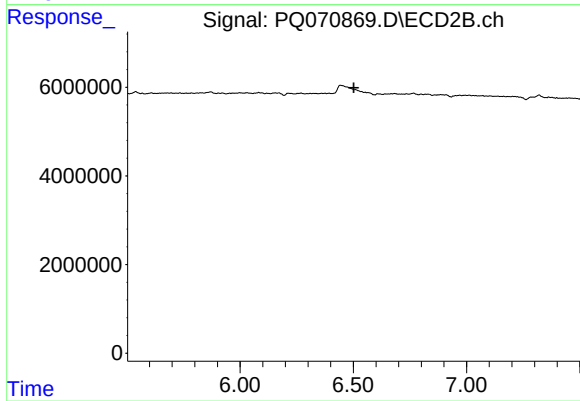
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: -0.017 min
Response: 78197
Conc: 0.16 ng/ml



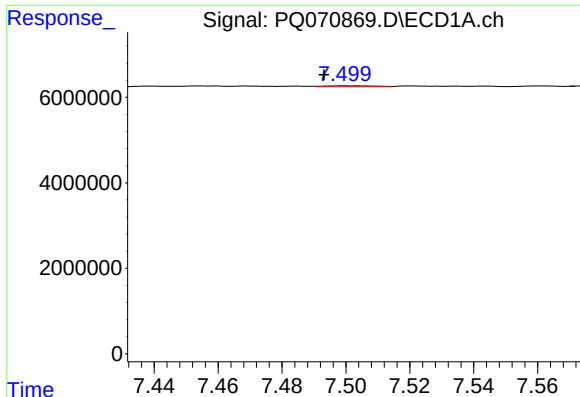
#38 AR-1262-3

R.T.: 7.438 min
Delta R.T.: 0.019 min
Response: 128698
Conc: 0.32 ng/ml



#38 AR-1262-3

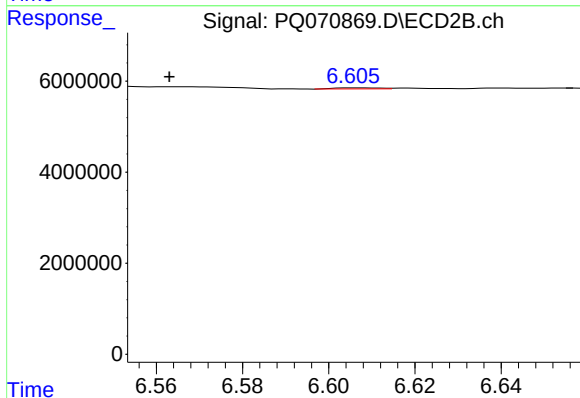
R.T.: 0.000 min
Exp R.T.: 6.502 min
Response: 0
Conc: N.D.



#39 AR-1262-4

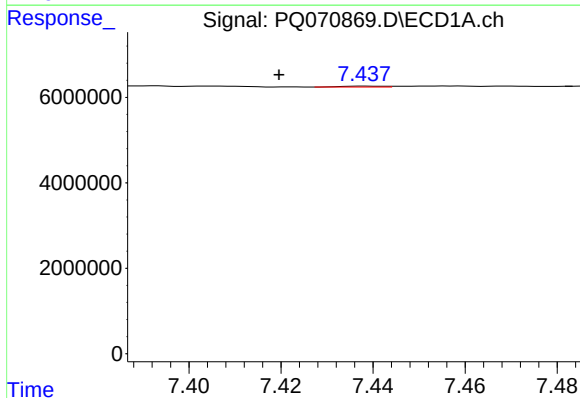
R.T.: 7.500 min
Delta R.T.: 0.006 min
Response: 248787
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



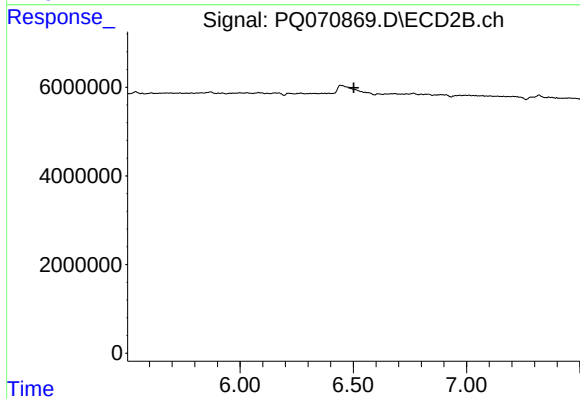
#39 AR-1262-4

R.T.: 6.606 min
Delta R.T.: 0.043 min
Response: 177920
Conc: 0.24 ng/ml



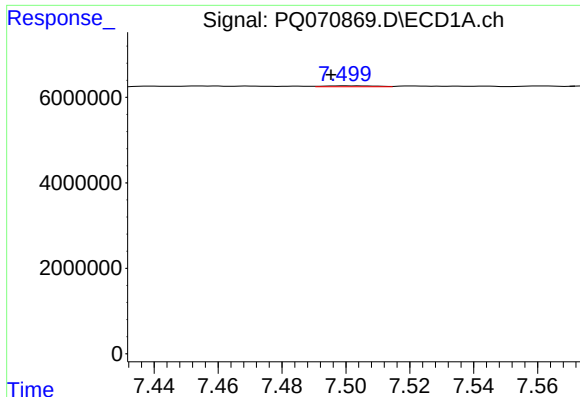
#41 AR-1268-1

R.T.: 7.438 min
Delta R.T.: 0.019 min
Response: 128698
Conc: 0.19 ng/ml



#41 AR-1268-1

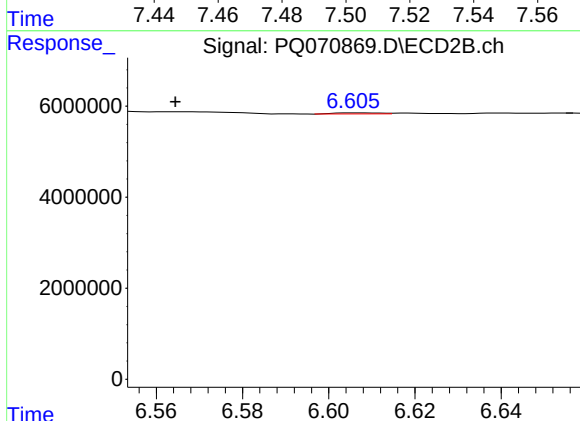
R.T.: 0.000 min
Exp R.T.: 6.502 min
Response: 0
Conc: N.D.



#42 AR-1268-2

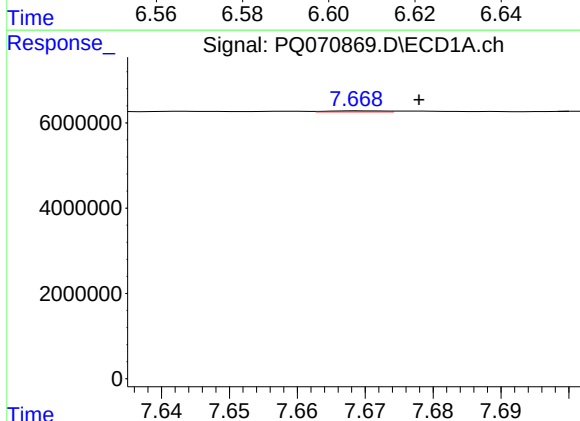
R.T.: 7.500 min
Delta R.T.: 0.004 min
Response: 248787
Conc: 0.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



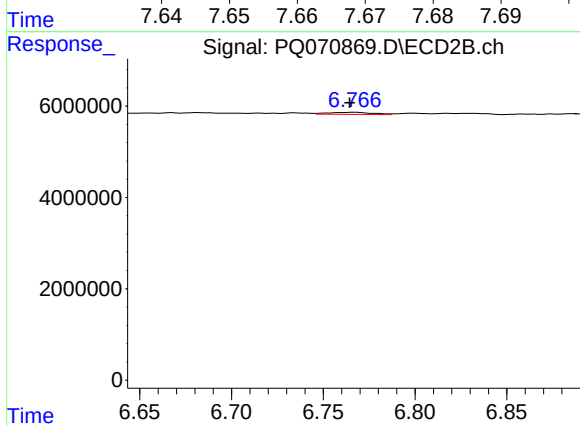
#42 AR-1268-2

R.T.: 6.606 min
Delta R.T.: 0.041 min
Response: 177920
Conc: 0.17 ng/ml



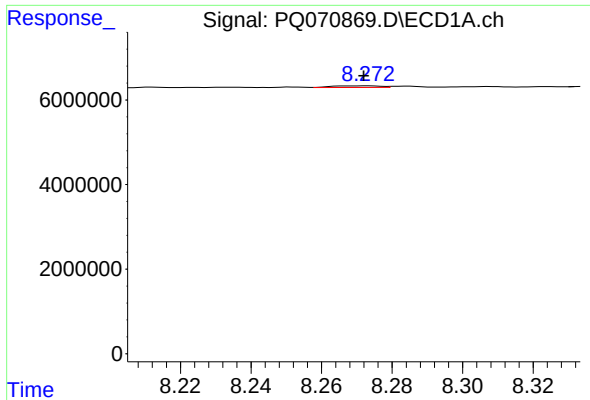
#43 AR-1268-3

R.T.: 7.669 min
Delta R.T.: -0.009 min
Response: 128873
Conc: 0.25 ng/ml



#43 AR-1268-3

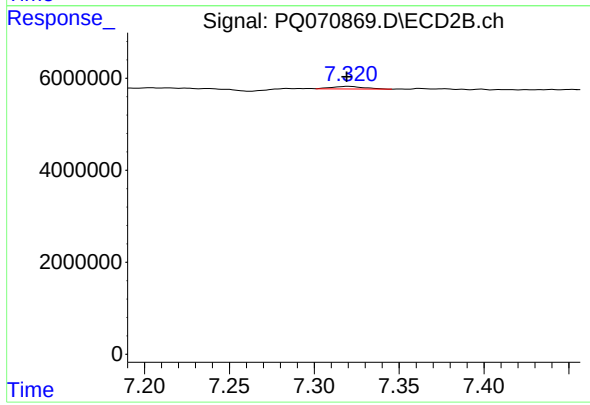
R.T.: 6.767 min
Delta R.T.: 0.002 min
Response: 793642
Conc: 0.89 ng/ml



#45 AR-1268-5

R.T.: 8.273 min
Delta R.T.: 0.001 min
Response: 354074
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.321 min
Delta R.T.: 0.001 min
Response: 743778
Conc: 0.27 ng/ml