

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 14:13
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : AR1242 SOIL LOD 25PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 03:44:09 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	96396586	112.6E6	17.998	17.558
2)	SA Decachlor...	8.498	7.535	76857308	135.8E6	19.932	19.259
Target Compounds							
3)	L1 AR-1016-1	4.483	3.778	2503792	3992293	15.103	18.617
4)	L1 AR-1016-2	4.501	3.794	4574301	6066507	17.149	18.659
5)	L1 AR-1016-3	4.558	3.954	3102388	3312824	18.737	18.230
6)	L1 AR-1016-4	4.648	4.003	2693395	2958687	19.895	18.667
7)	L1 AR-1016-5	4.932	4.197	2396020	3380258	17.917	18.139
8)	L2 AR-1221-1	3.606	2.977	125497	570414	1.706	6.389 #
9)	L2 AR-1221-2	3.674	3.048	1888365	2596630	35.226	38.787
10)	L2 AR-1221-3	3.741	3.122	2527382	2268398	15.338	11.358 #
11)	L3 AR-1232-1	3.741	3.122	2527382	2268398	18.112	13.286 #
12)	L3 AR-1232-2	4.228	3.794	2809339	6066507	36.702	34.945
13)	L3 AR-1232-3	4.501	3.954	4574301	3312824	31.908	35.488
14)	L3 AR-1232-4	4.648	4.040	2693395	3588524	37.627	44.976
15)	L3 AR-1232-5	4.789	4.197	3044752	3380258	52.443	38.025 #
16)	L4 AR-1242-1	4.483	3.778	2503792	3992293	16.286	21.474 #
17)	L4 AR-1242-2	4.501	3.794	4574301	6066507	19.108	21.542
18)	L4 AR-1242-3	4.558	3.954	3102388	3312824	20.839	21.144
19)	L4 AR-1242-4	4.648	4.040	2693395	3588524	21.898	24.570
20)	L4 AR-1242-5	5.353	4.534	2236355	4454776	16.947	23.041 #
21)	L5 AR-1248-1	4.483	3.778	2503792	3992293	21.855	27.955 #
22)	L5 AR-1248-2	4.746	4.003	2359060	2958687	14.427	13.695
23)	L5 AR-1248-3	4.932	4.040	2396020	3588524	12.247	17.253 #
24)	L5 AR-1248-4	5.319	4.197	2194460	3380258	10.151	13.239 #
25)	L5 AR-1248-5	5.353	4.572	2236355	3620274	10.237	14.000 #
26)	L6 AR-1254-1	5.292	4.534	2244492	4454776	9.608	11.193
27)	L6 AR-1254-2	5.504	4.679	2306214	1482730	6.461	4.233 #
28)	L6 AR-1254-3	5.855	5.067	1084936	3572933	2.862	6.316 #
29)	L6 AR-1254-4	6.141	5.287	753995	1219176	2.804	3.526 #
30)	L6 AR-1254-5	6.545	5.693	413574	655157	1.380	1.249
31)	L7 AR-1260-1	6.030	5.193	238426	726353	0.974	2.035 #
32)	L7 AR-1260-2	6.281	5.370	307014	633780	1.025	1.490 #
33)	L7 AR-1260-3	6.647	5.515	85881	270011	0.401	0.668 #
34)	L7 AR-1260-4	0.000	5.990	0	230121	N.D.	0.650 #
35)	L7 AR-1260-5	0.000	6.221	0	281327	N.D.	0.343 #
36)	L8 AR-1262-1	0.000	5.760f	0	132443	N.D.	0.249 #
37)	L8 AR-1262-2	0.000	5.990	0	230121	N.D.	0.463 #
38)	L8 AR-1262-3	7.443	0.000	221529	0	0.553	N.D. #
39)	L8 AR-1262-4	7.510	0.000	143339	0	0.453	N.D. #
41)	L9 AR-1268-1	7.443	0.000	221529	0	0.324	N.D. #
42)	L9 AR-1268-2	7.510	0.000	143339	0	0.227	N.D. #

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Sample : Q2893-01
Misc : AR1242 SOIL LOD 25PPB
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 03:44:09 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	0.000	6.768	0	453828	N.D.	0.508 #
45) L9	AR-1268-5	8.273	7.320	529947	686537	0.342	0.251 #

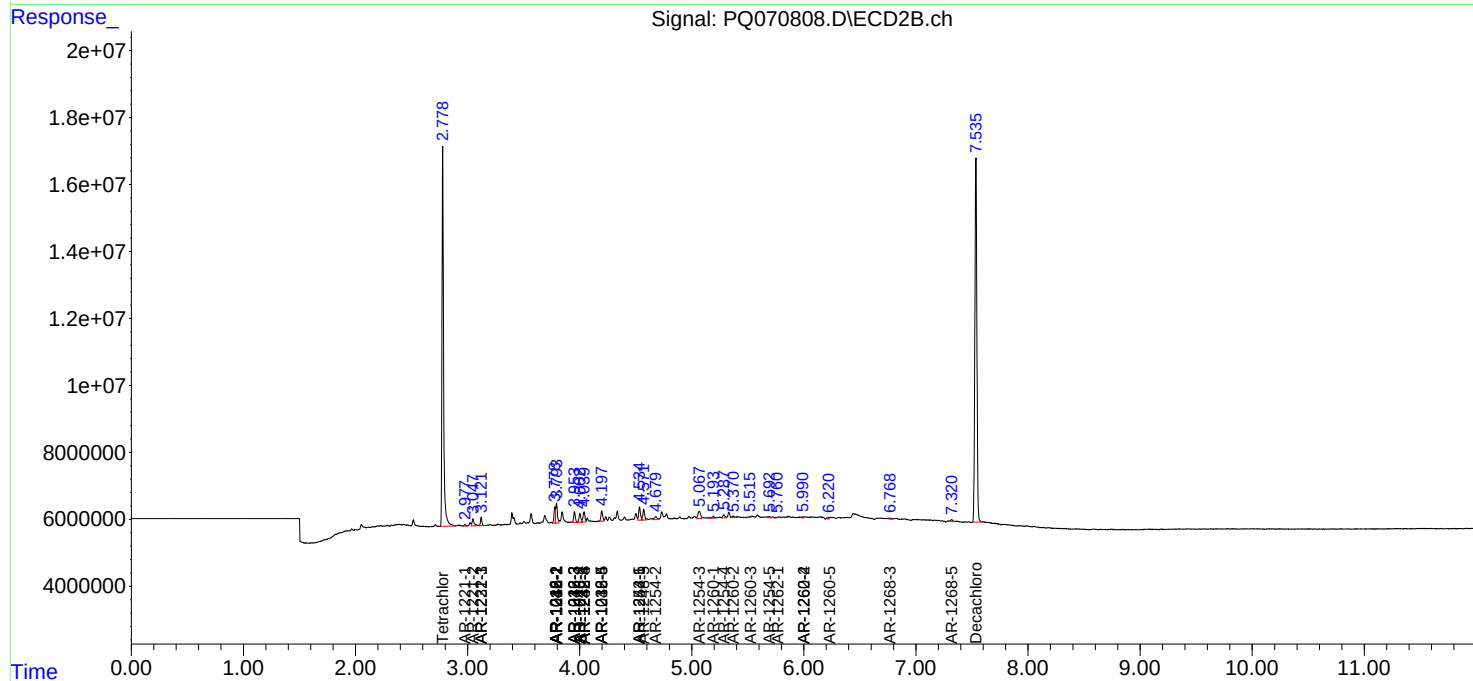
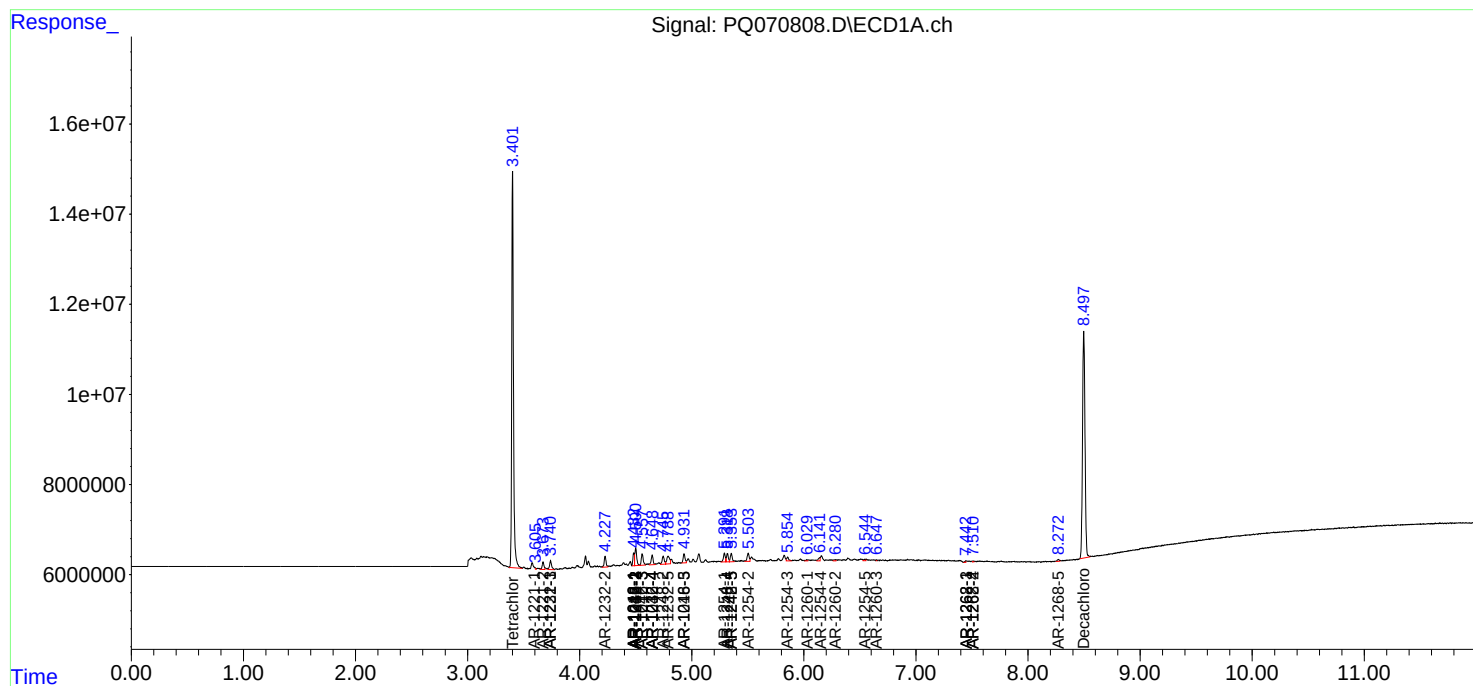
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

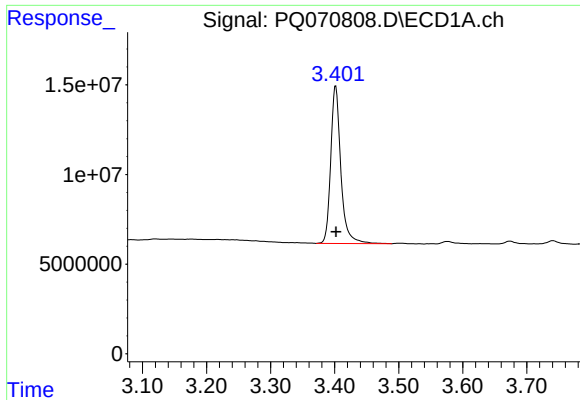
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

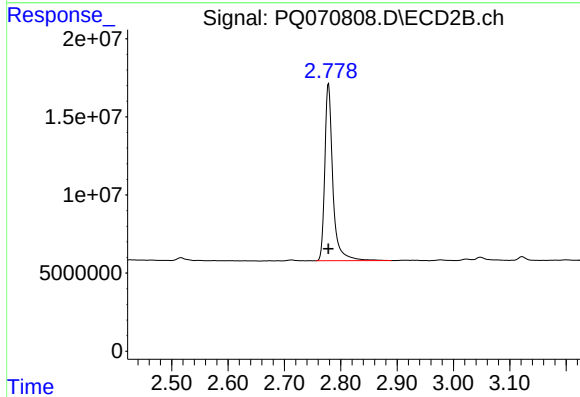




#1 Tetrachloro-m-xylene

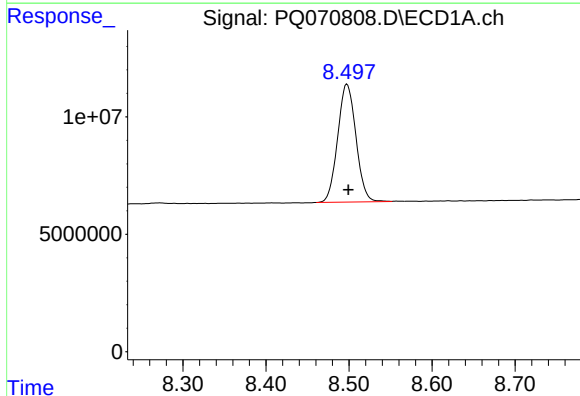
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 96396586
Conc: 18.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



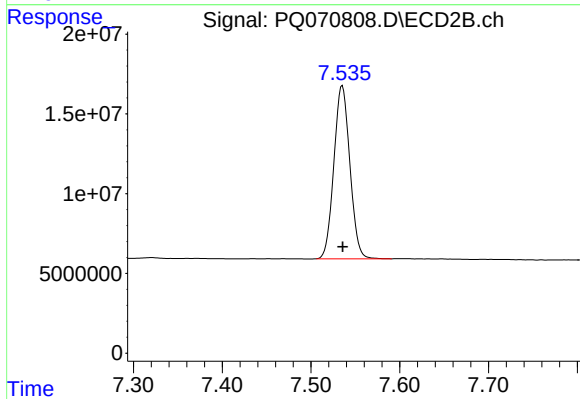
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 112589507
Conc: 17.56 ng/ml



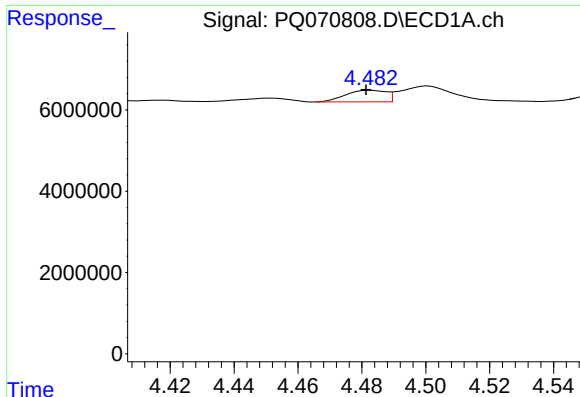
#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 76857308
Conc: 19.93 ng/ml



#2 Decachlorobiphenyl

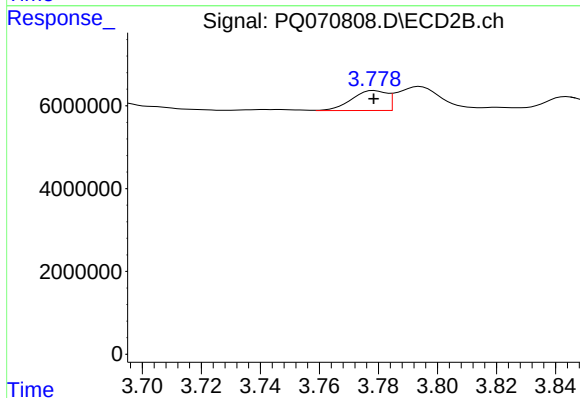
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 135829529
Conc: 19.26 ng/ml



#3 AR-1016-1

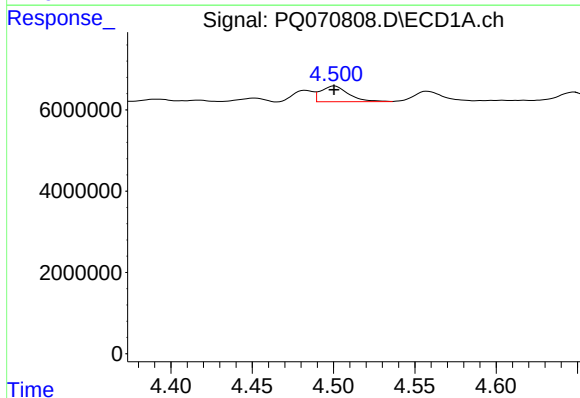
R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 2503792
Conc: 15.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



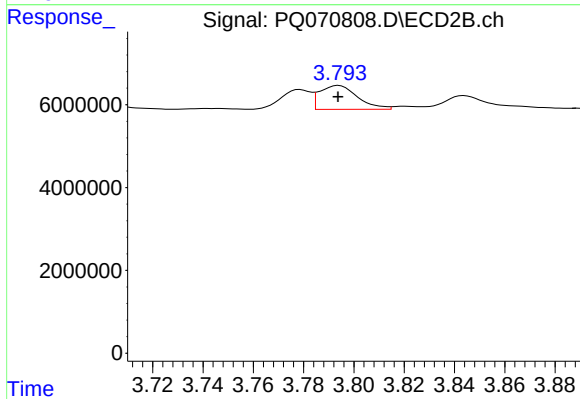
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 3992293
Conc: 18.62 ng/ml



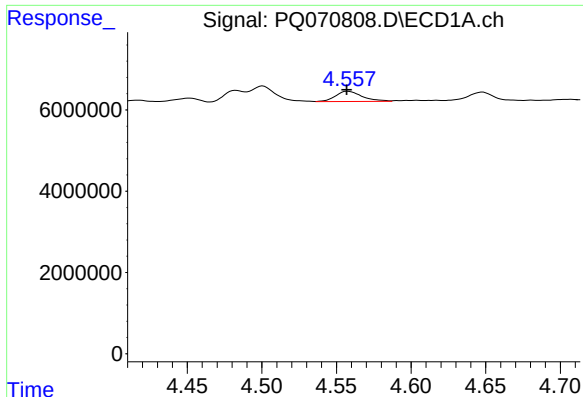
#4 AR-1016-2

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 4574301
Conc: 17.15 ng/ml



#4 AR-1016-2

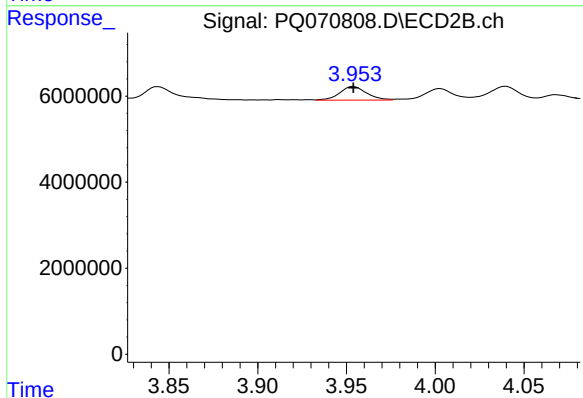
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 6066507
Conc: 18.66 ng/ml



#5 AR-1016-3

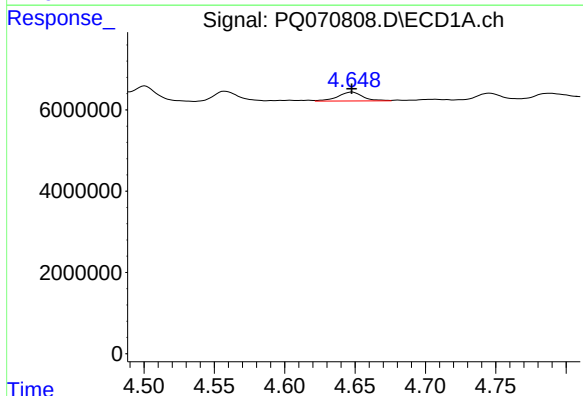
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 3102388
Conc: 18.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



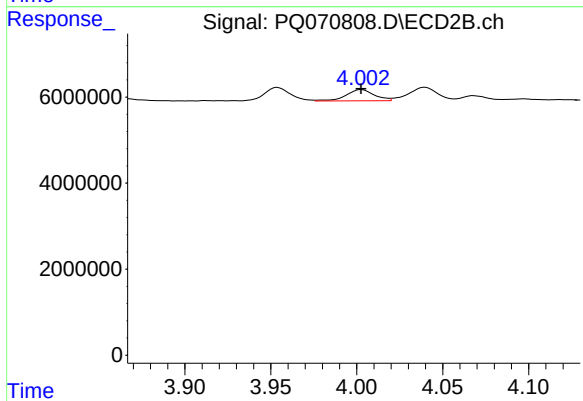
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 3312824
Conc: 18.23 ng/ml



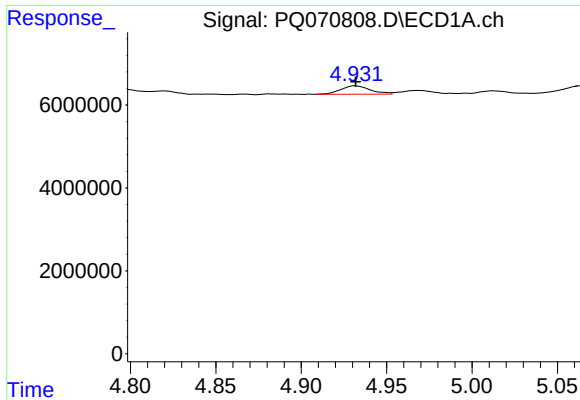
#6 AR-1016-4

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 2693395
Conc: 19.89 ng/ml



#6 AR-1016-4

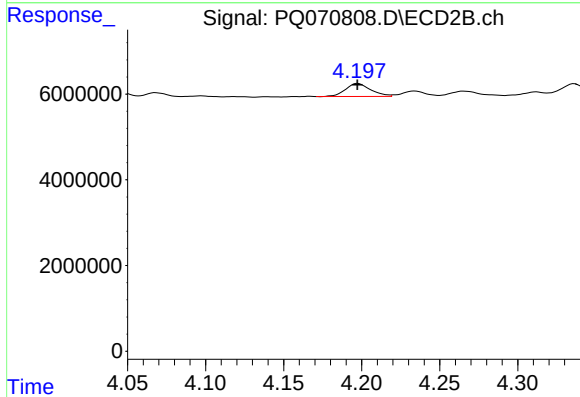
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 2958687
Conc: 18.67 ng/ml



#7 AR-1016-5

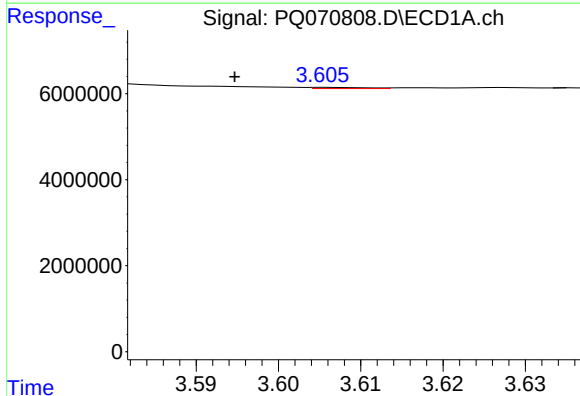
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 2396020
Conc: 17.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



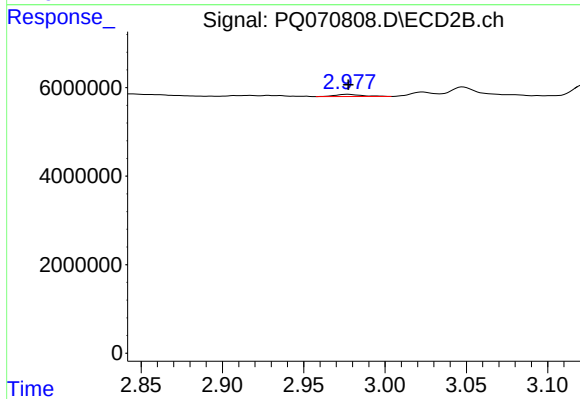
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 3380258
Conc: 18.14 ng/ml



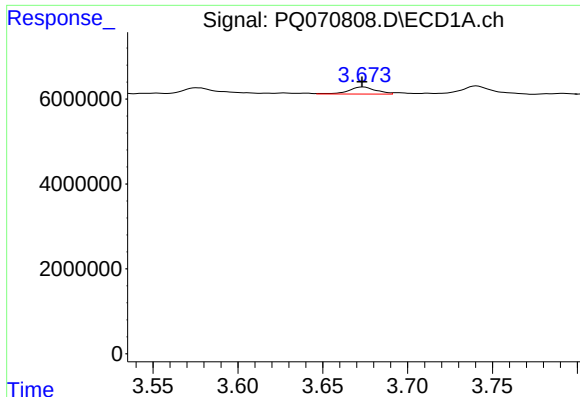
#8 AR-1221-1

R.T.: 3.606 min
Delta R.T.: 0.011 min
Response: 125497
Conc: 1.71 ng/ml



#8 AR-1221-1

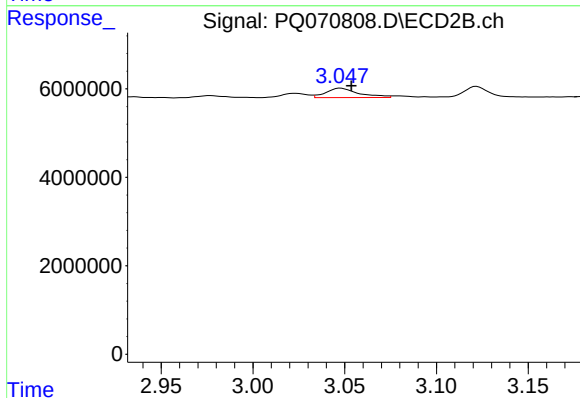
R.T.: 2.977 min
Delta R.T.: 0.000 min
Response: 570414
Conc: 6.39 ng/ml



#9 AR-1221-2

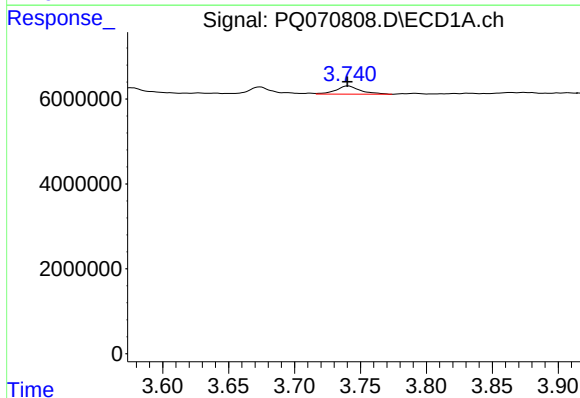
R.T.: 3.674 min
Delta R.T.: 0.000 min
Response: 1888365
Conc: 35.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



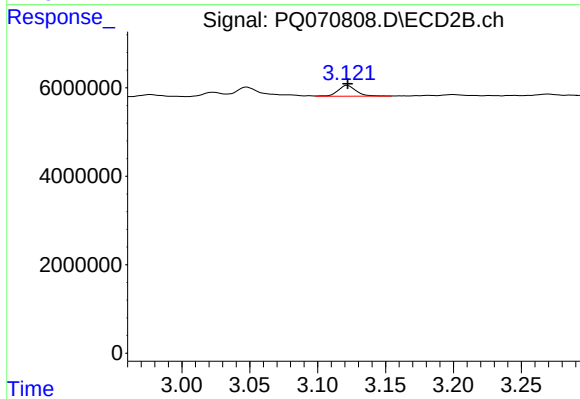
#9 AR-1221-2

R.T.: 3.048 min
Delta R.T.: -0.006 min
Response: 2596630
Conc: 38.79 ng/ml



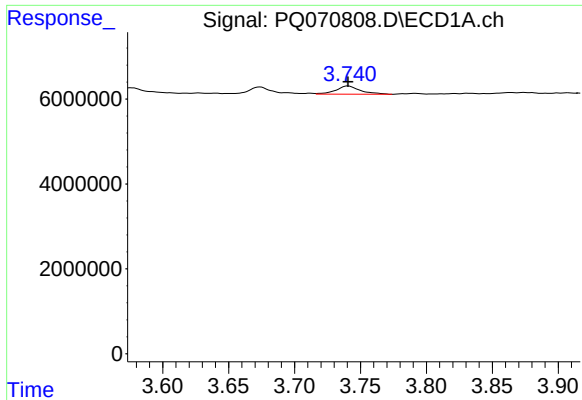
#10 AR-1221-3

R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 2527382
Conc: 15.34 ng/ml



#10 AR-1221-3

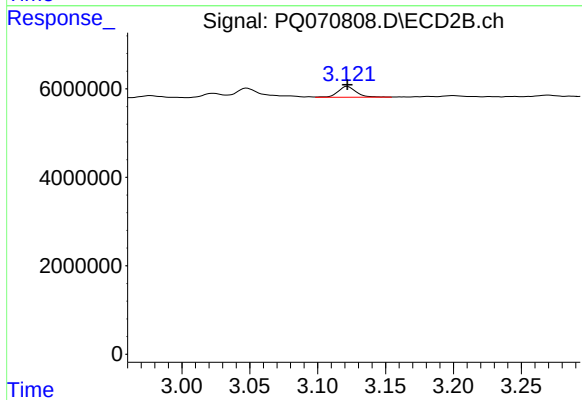
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 2268398
Conc: 11.36 ng/ml



#11 AR-1232-1

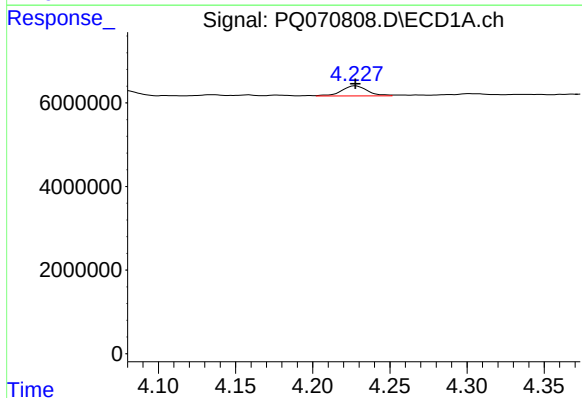
R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 2527382
Conc: 18.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



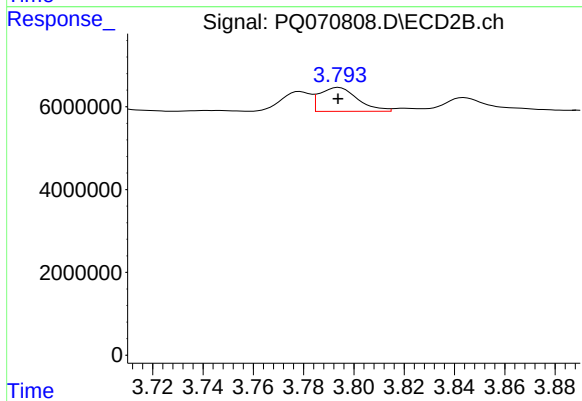
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 2268398
Conc: 13.29 ng/ml



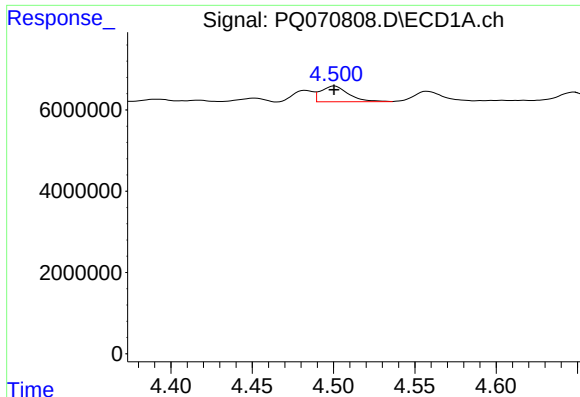
#12 AR-1232-2

R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 2809339
Conc: 36.70 ng/ml



#12 AR-1232-2

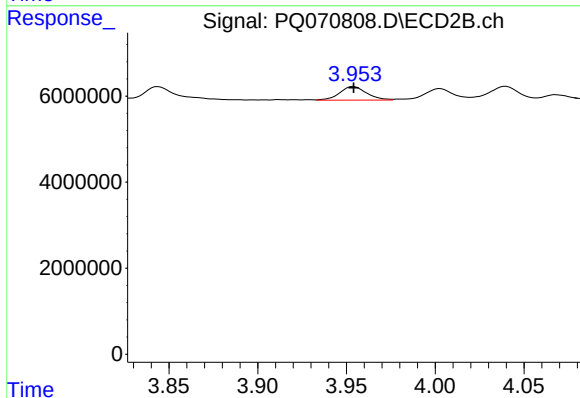
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 6066507
Conc: 34.95 ng/ml



#13 AR-1232-3

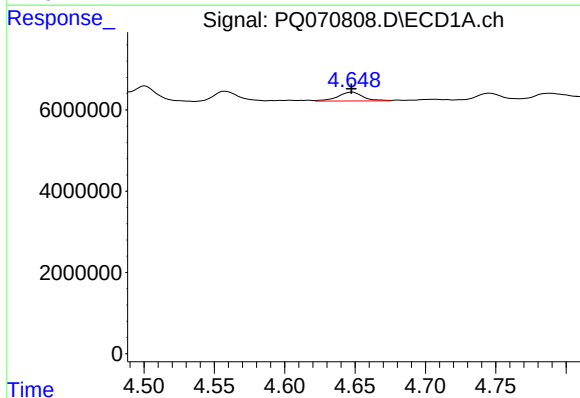
R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 4574301
Conc: 31.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



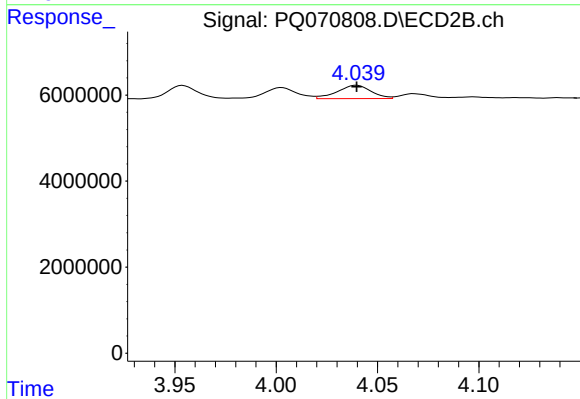
#13 AR-1232-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 3312824
Conc: 35.49 ng/ml



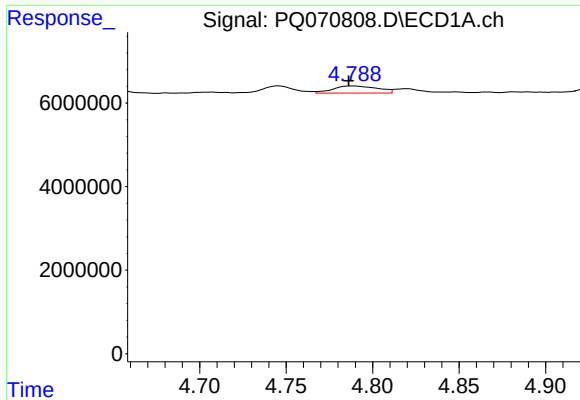
#14 AR-1232-4

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 2693395
Conc: 37.63 ng/ml



#14 AR-1232-4

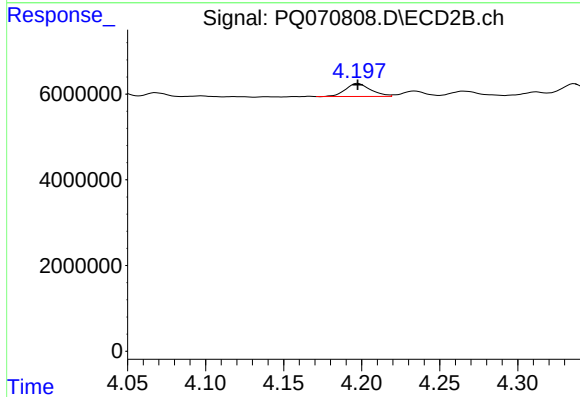
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 3588524
Conc: 44.98 ng/ml



#15 AR-1232-5

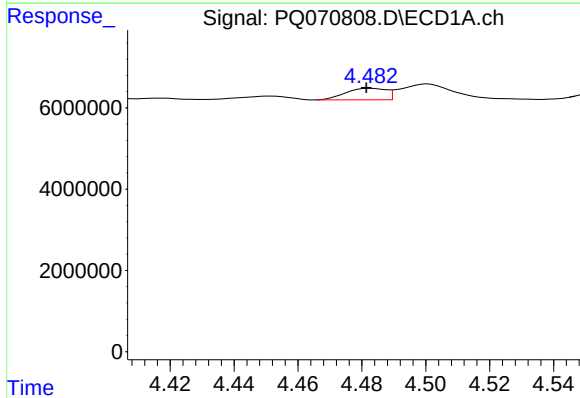
R.T.: 4.789 min
Delta R.T.: 0.003 min
Response: 3044752
Conc: 52.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



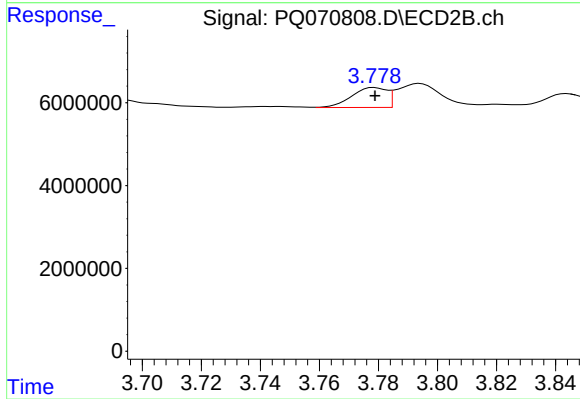
#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 3380258
Conc: 38.02 ng/ml



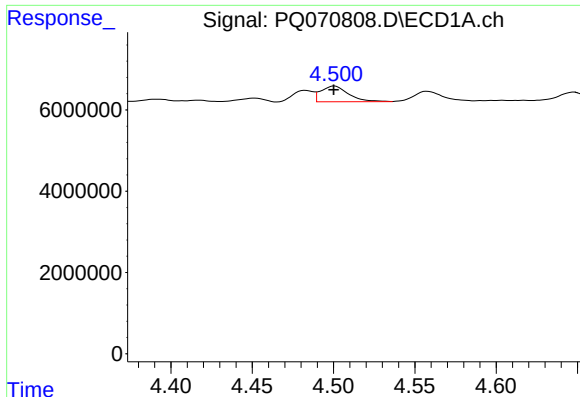
#16 AR-1242-1

R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 2503792
Conc: 16.29 ng/ml



#16 AR-1242-1

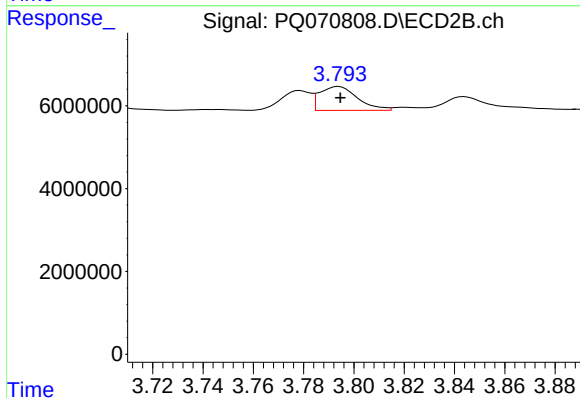
R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 3992293
Conc: 21.47 ng/ml



#17 AR-1242-2

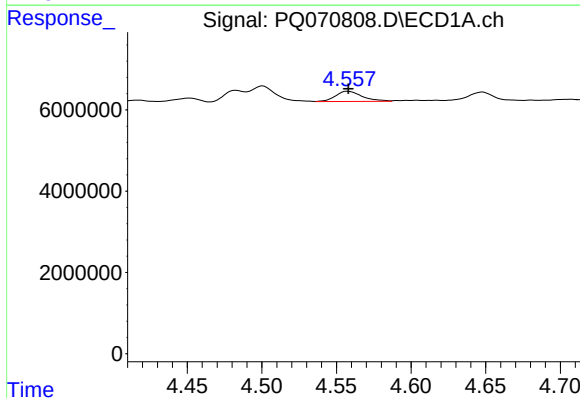
R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 4574301
Conc: 19.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



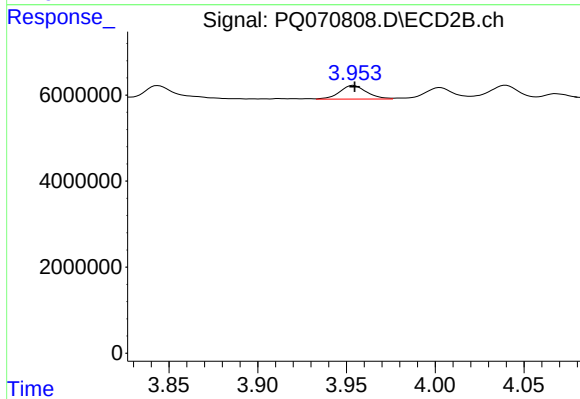
#17 AR-1242-2

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 6066507
Conc: 21.54 ng/ml



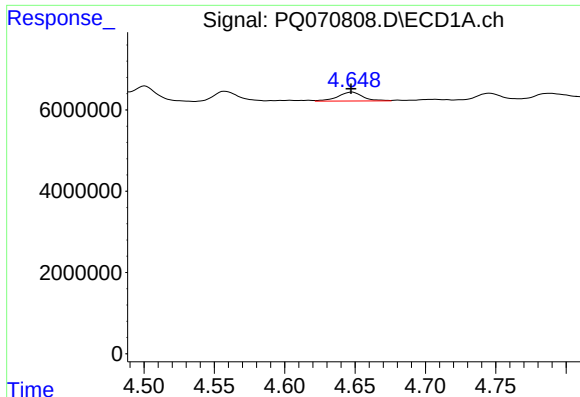
#18 AR-1242-3

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 3102388
Conc: 20.84 ng/ml



#18 AR-1242-3

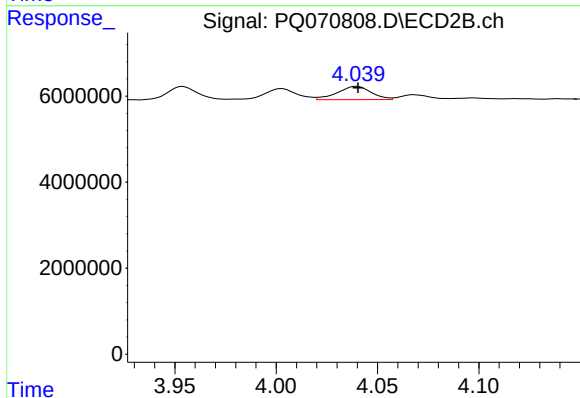
R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 3312824
Conc: 21.14 ng/ml



#19 AR-1242-4

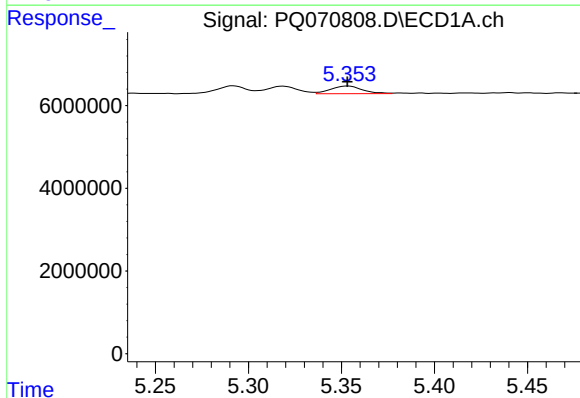
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 2693395
Conc: 21.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



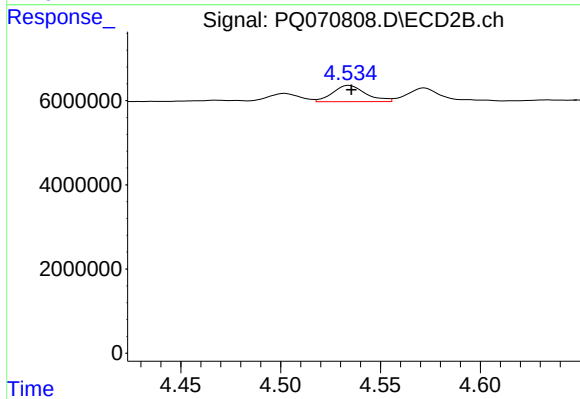
#19 AR-1242-4

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 3588524
Conc: 24.57 ng/ml



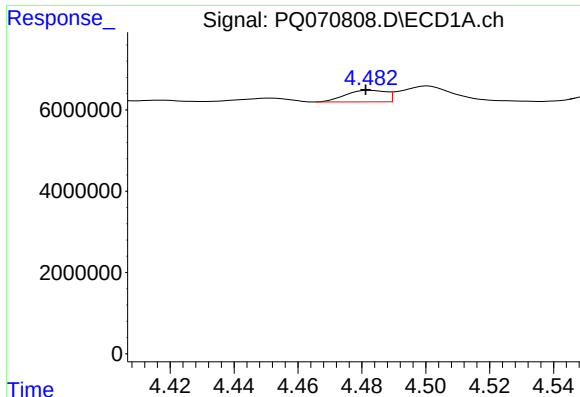
#20 AR-1242-5

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 2236355
Conc: 16.95 ng/ml



#20 AR-1242-5

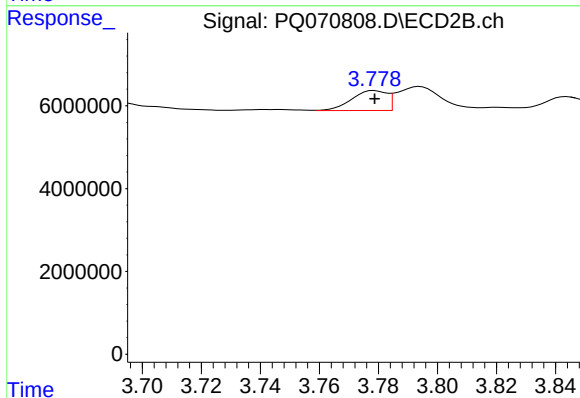
R.T.: 4.534 min
Delta R.T.: -0.001 min
Response: 4454776
Conc: 23.04 ng/ml



#21 AR-1248-1

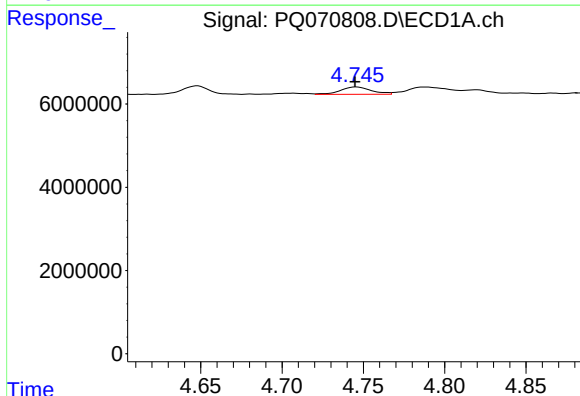
R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 2503792
Conc: 21.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



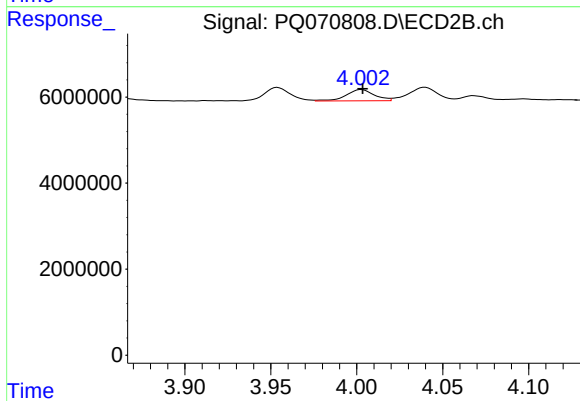
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 3992293
Conc: 27.96 ng/ml



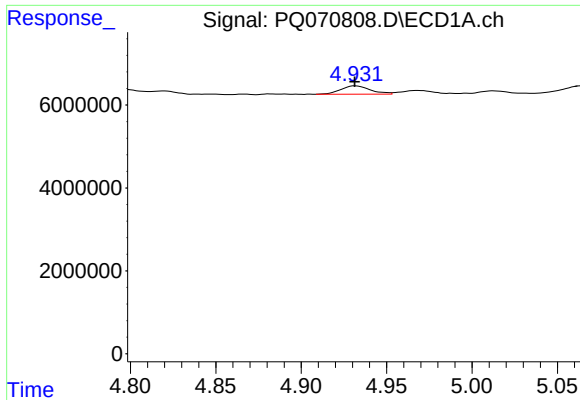
#22 AR-1248-2

R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 2359060
Conc: 14.43 ng/ml



#22 AR-1248-2

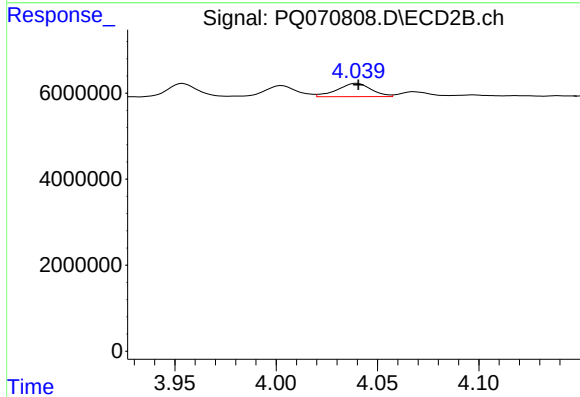
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 2958687
Conc: 13.69 ng/ml



#23 AR-1248-3

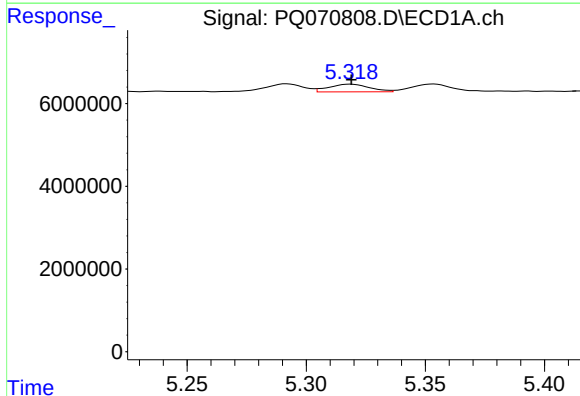
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 2396020
Conc: 12.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



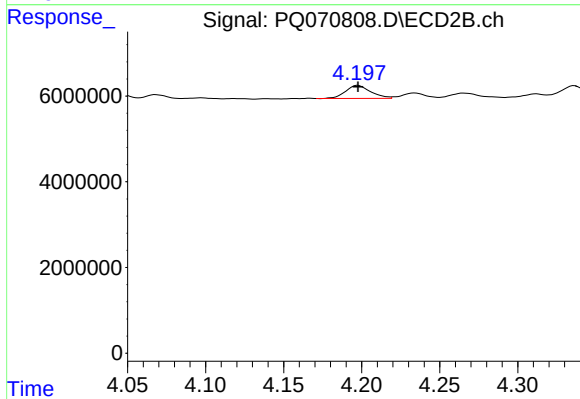
#23 AR-1248-3

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 3588524
Conc: 17.25 ng/ml



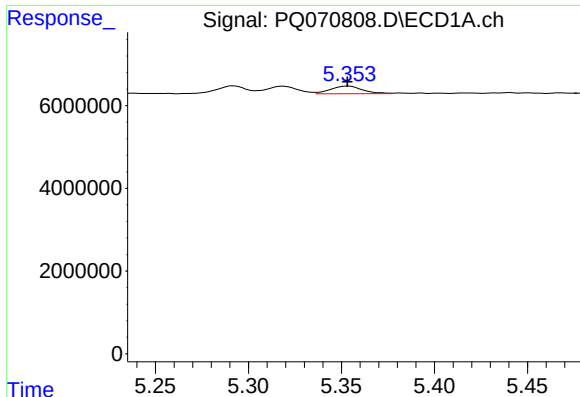
#24 AR-1248-4

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 2194460
Conc: 10.15 ng/ml



#24 AR-1248-4

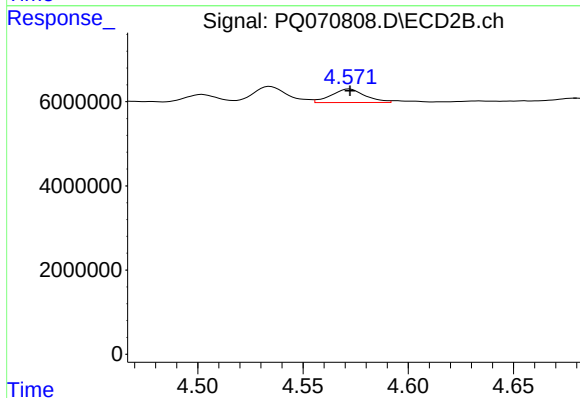
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 3380258
Conc: 13.24 ng/ml



#25 AR-1248-5

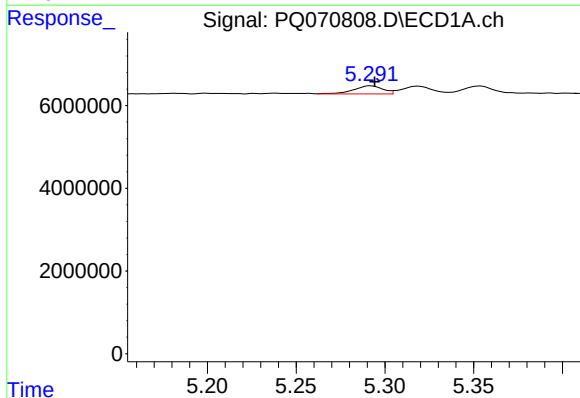
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 2236355
Conc: 10.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



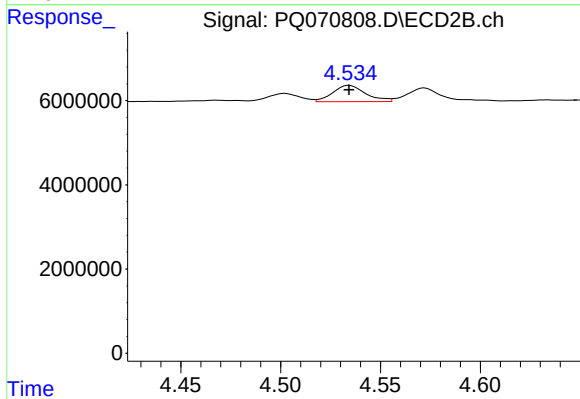
#25 AR-1248-5

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 3620274
Conc: 14.00 ng/ml



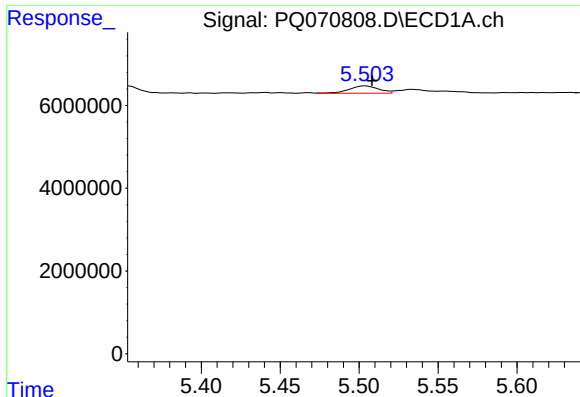
#26 AR-1254-1

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 2244492
Conc: 9.61 ng/ml



#26 AR-1254-1

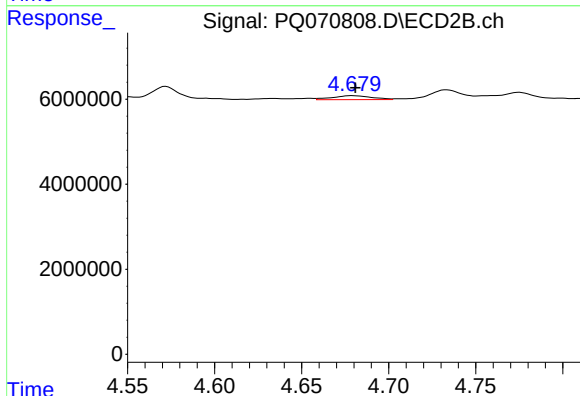
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 4454776
Conc: 11.19 ng/ml



#27 AR-1254-2

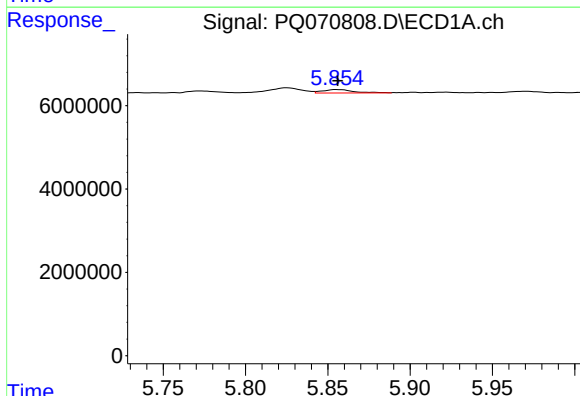
R.T.: 5.504 min
Delta R.T.: -0.004 min
Response: 2306214
Conc: 6.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



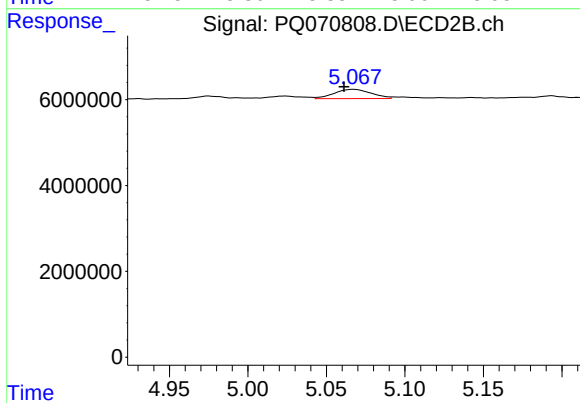
#27 AR-1254-2

R.T.: 4.679 min
Delta R.T.: -0.001 min
Response: 1482730
Conc: 4.23 ng/ml



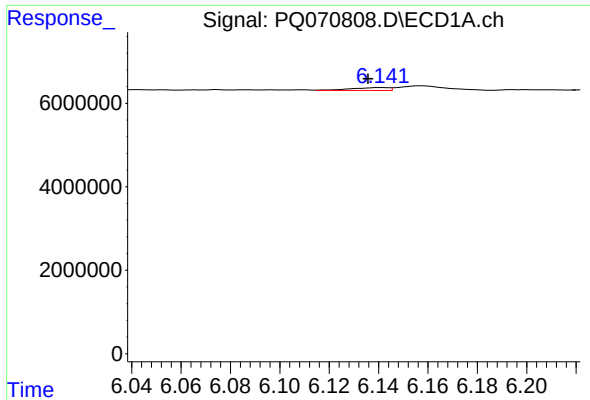
#28 AR-1254-3

R.T.: 5.855 min
Delta R.T.: -0.001 min
Response: 1084936
Conc: 2.86 ng/ml



#28 AR-1254-3

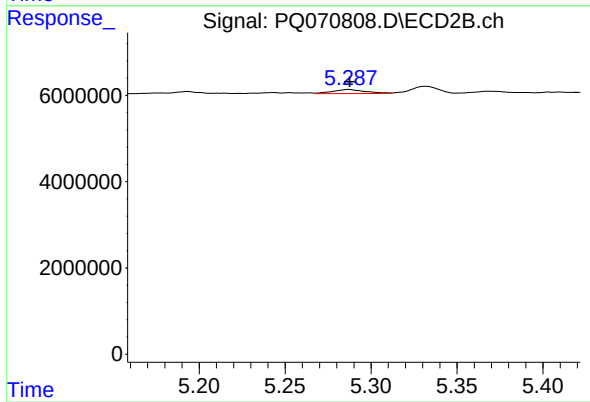
R.T.: 5.067 min
Delta R.T.: 0.006 min
Response: 3572933
Conc: 6.32 ng/ml



#29 AR-1254-4

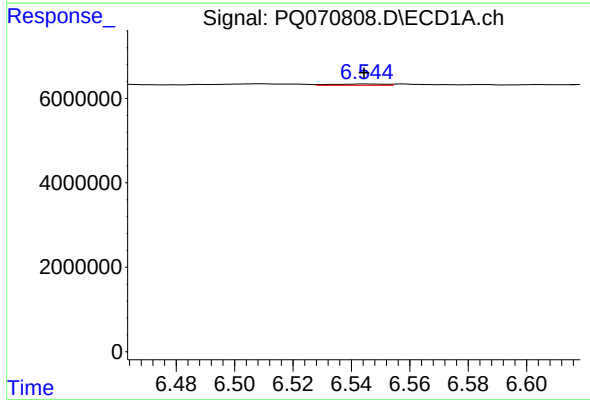
R.T.: 6.141 min
Delta R.T.: 0.005 min
Response: 753995
Conc: 2.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



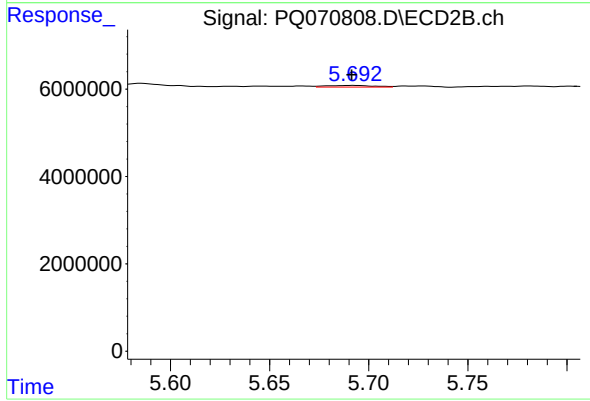
#29 AR-1254-4

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 1219176
Conc: 3.53 ng/ml



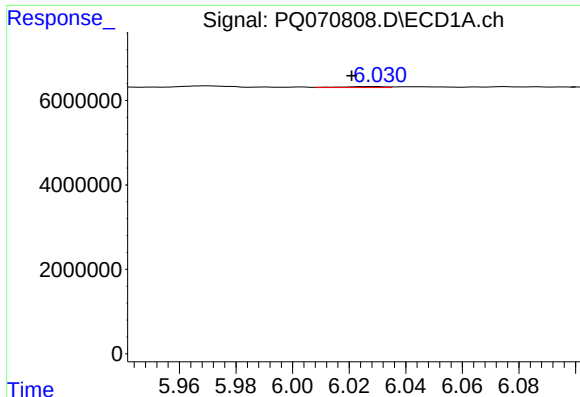
#30 AR-1254-5

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 413574
Conc: 1.38 ng/ml



#30 AR-1254-5

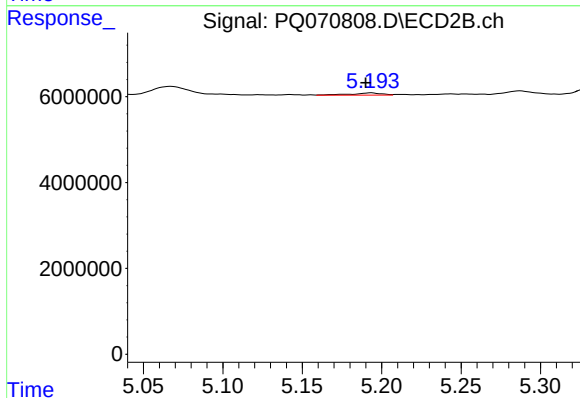
R.T.: 5.693 min
Delta R.T.: 0.001 min
Response: 655157
Conc: 1.25 ng/ml



#31 AR-1260-1

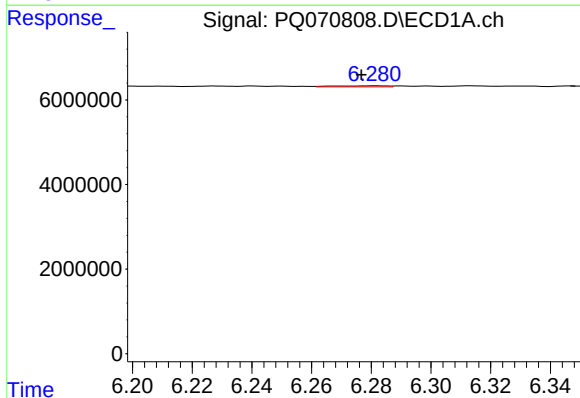
R.T.: 6.030 min
Delta R.T.: 0.009 min
Response: 238426
Conc: 0.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



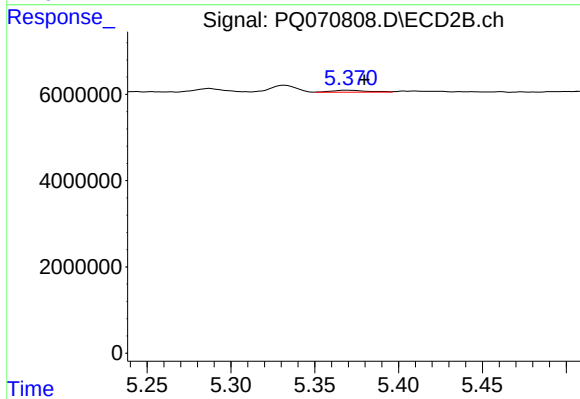
#31 AR-1260-1

R.T.: 5.193 min
Delta R.T.: 0.003 min
Response: 726353
Conc: 2.04 ng/ml



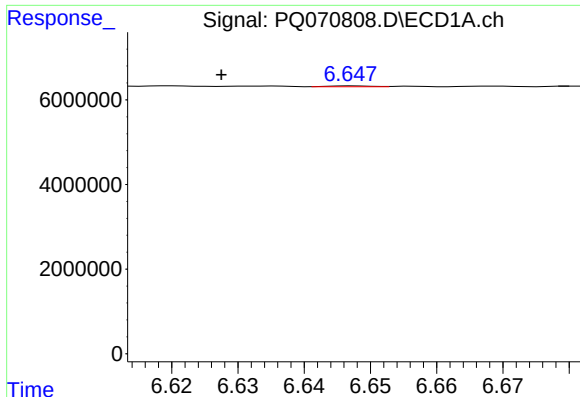
#32 AR-1260-2

R.T.: 6.281 min
Delta R.T.: 0.004 min
Response: 307014
Conc: 1.02 ng/ml



#32 AR-1260-2

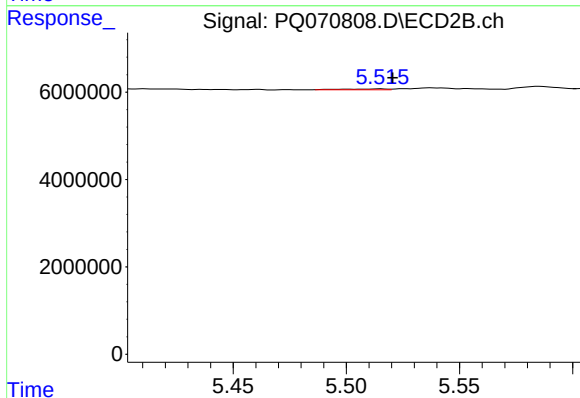
R.T.: 5.370 min
Delta R.T.: -0.010 min
Response: 633780
Conc: 1.49 ng/ml



#33 AR-1260-3

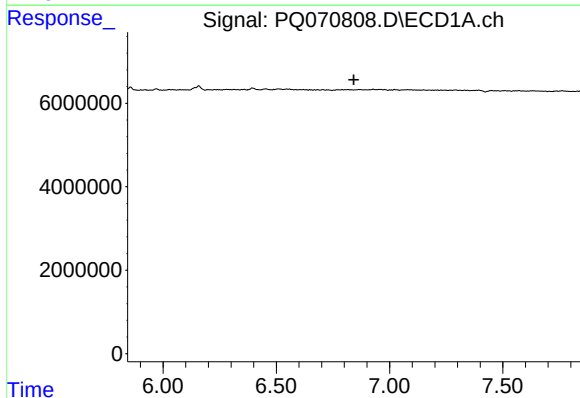
R.T.: 6.647 min
Delta R.T.: 0.020 min
Response: 85881
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



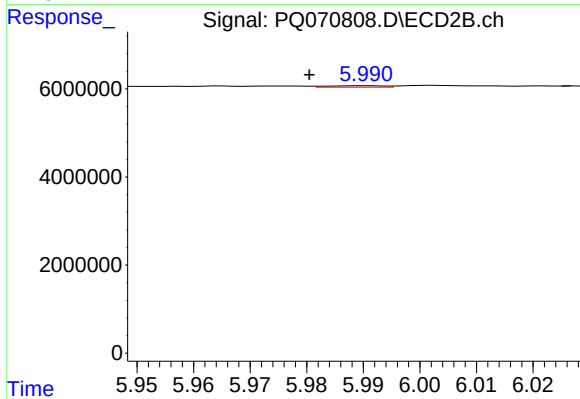
#33 AR-1260-3

R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 270011
Conc: 0.67 ng/ml



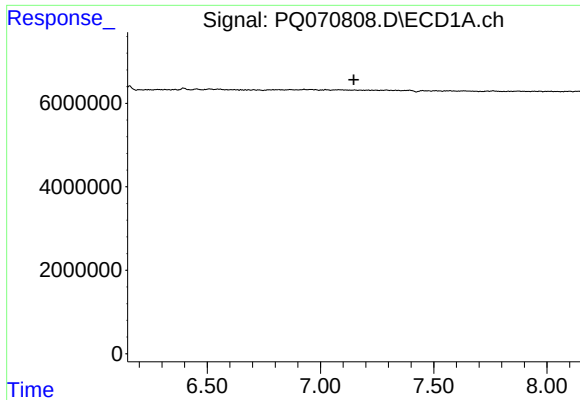
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.842 min
Response: 0
Conc: N.D.



#34 AR-1260-4

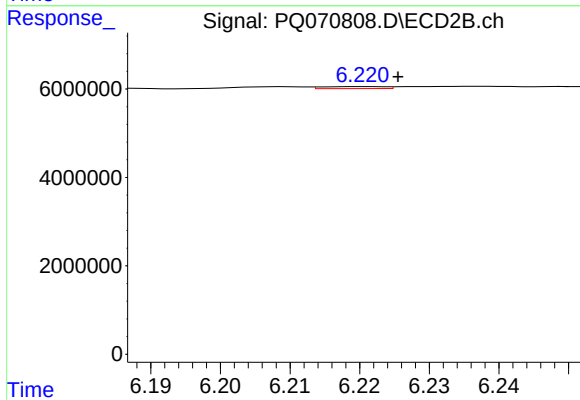
R.T.: 5.990 min
Delta R.T.: 0.010 min
Response: 230121
Conc: 0.65 ng/ml



#35 AR-1260-5

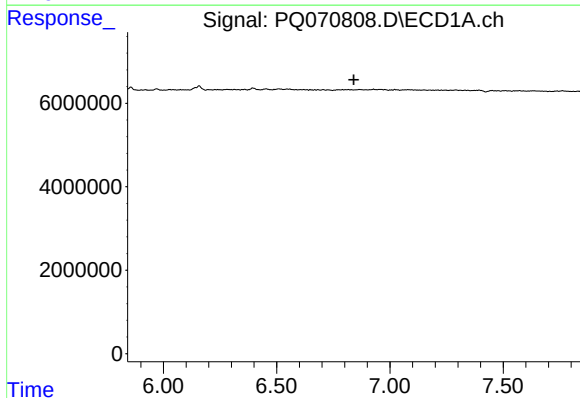
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



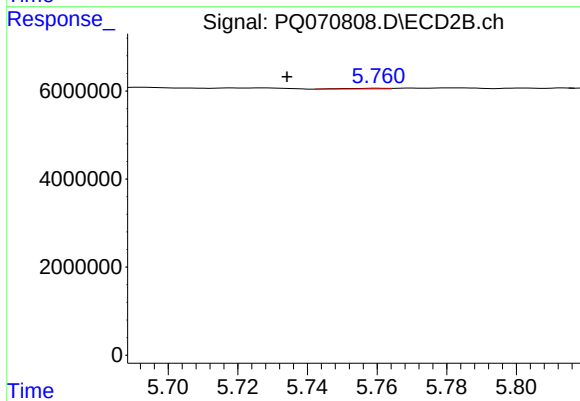
#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.005 min
Response: 281327
Conc: 0.34 ng/ml



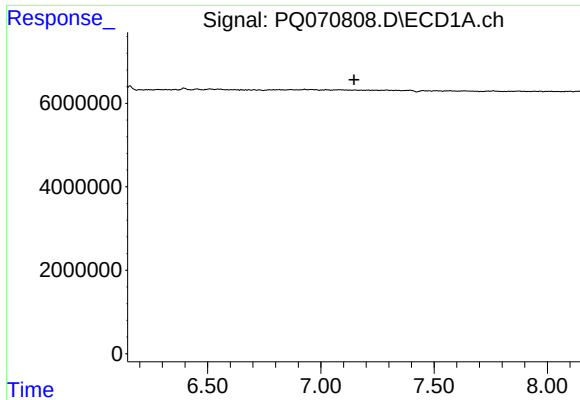
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.841 min
Response: 0
Conc: N.D.



#36 AR-1262-1

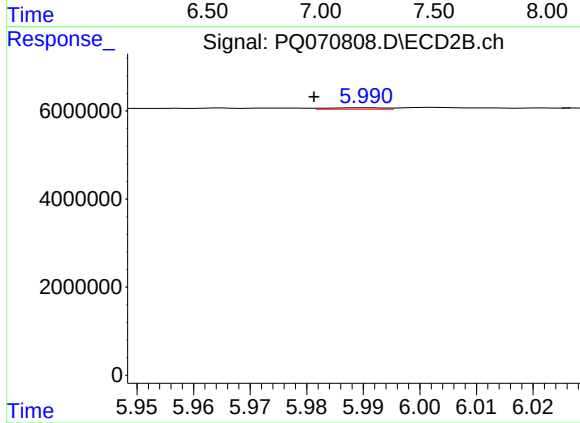
R.T.: 5.760 min
Delta R.T.: 0.026 min
Response: 132443
Conc: 0.25 ng/ml



#37 AR-1262-2

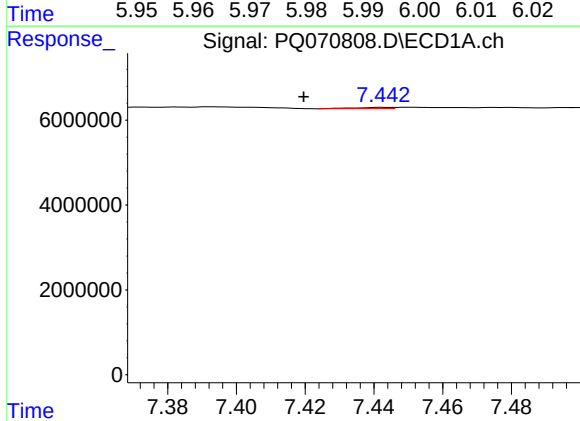
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



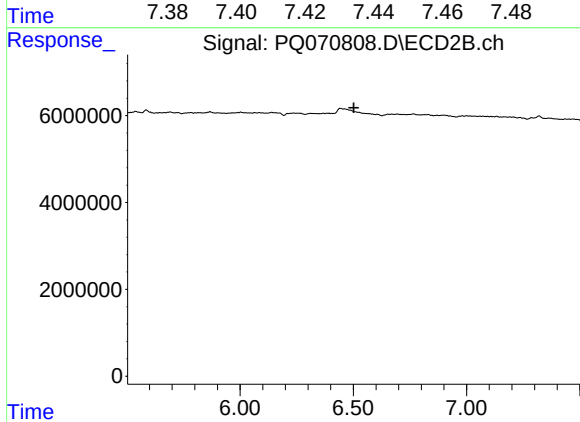
#37 AR-1262-2

R.T.: 5.990 min
Delta R.T.: 0.009 min
Response: 230121
Conc: 0.46 ng/ml



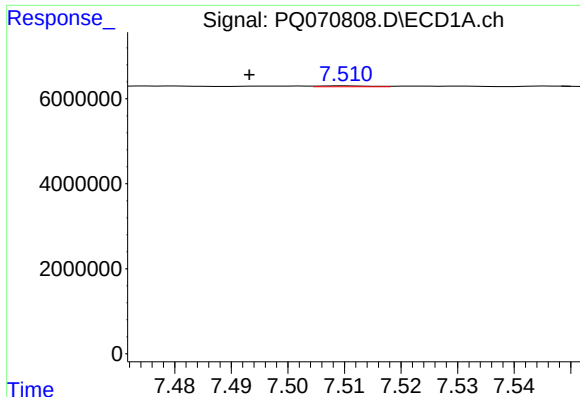
#38 AR-1262-3

R.T.: 7.443 min
Delta R.T.: 0.023 min
Response: 221529
Conc: 0.55 ng/ml



#38 AR-1262-3

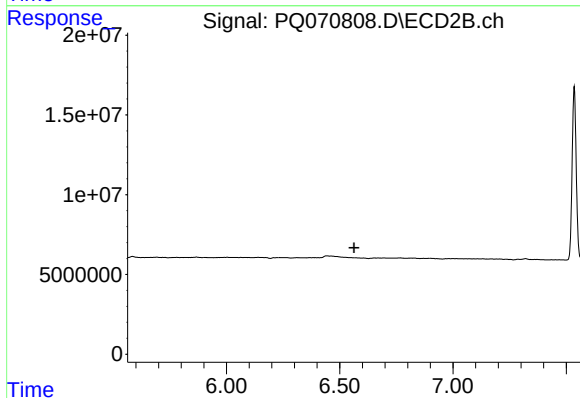
R.T.: 0.000 min
Exp R.T.: 6.502 min
Response: 0
Conc: N.D.



#39 AR-1262-4

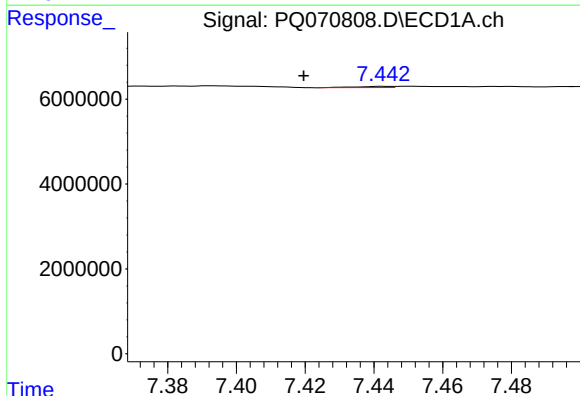
R.T.: 7.510 min
Delta R.T.: 0.017 min
Response: 143339
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



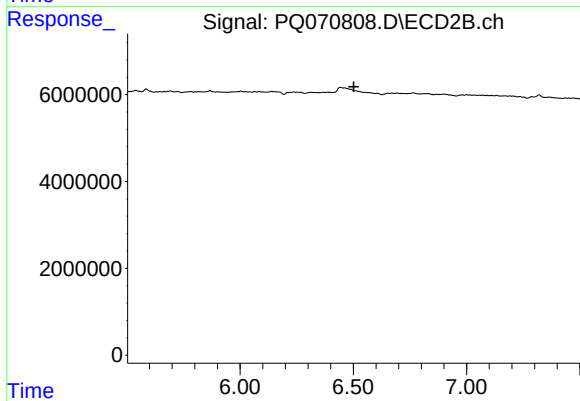
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.563 min
Response: 0
Conc: N.D.



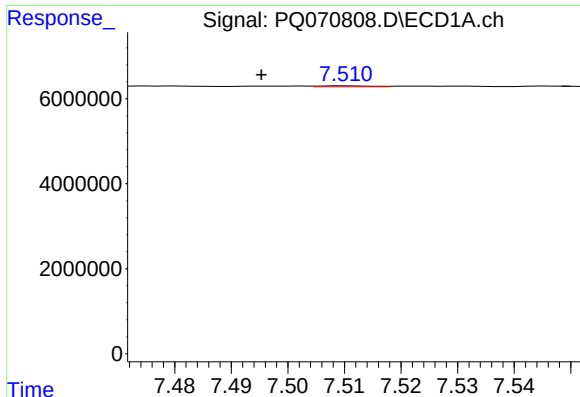
#41 AR-1268-1

R.T.: 7.443 min
Delta R.T.: 0.023 min
Response: 221529
Conc: 0.32 ng/ml



#41 AR-1268-1

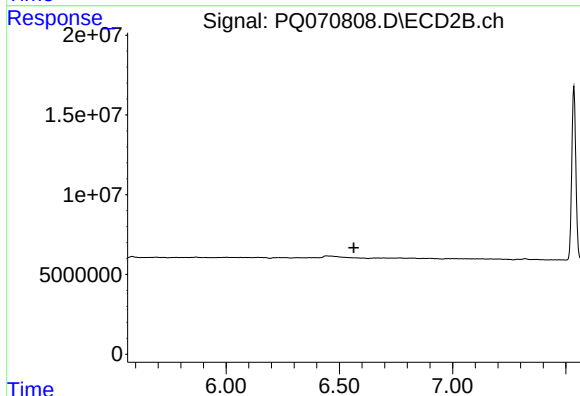
R.T.: 0.000 min
Exp R.T. : 6.502 min
Response: 0
Conc: N.D.



#42 AR-1268-2

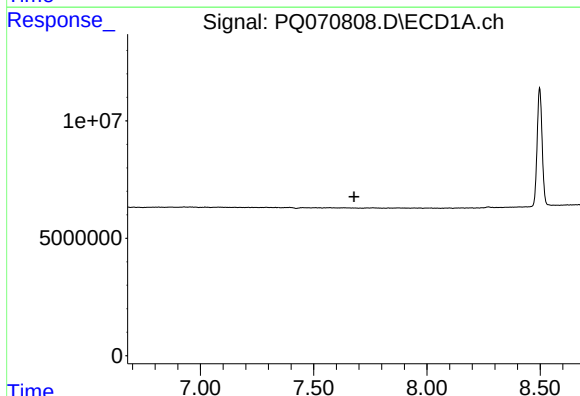
R.T.: 7.510 min
Delta R.T.: 0.015 min
Response: 143339
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



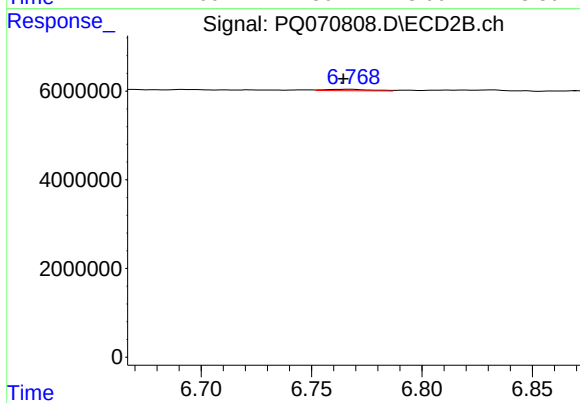
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 6.564 min
Response: 0
Conc: N.D.



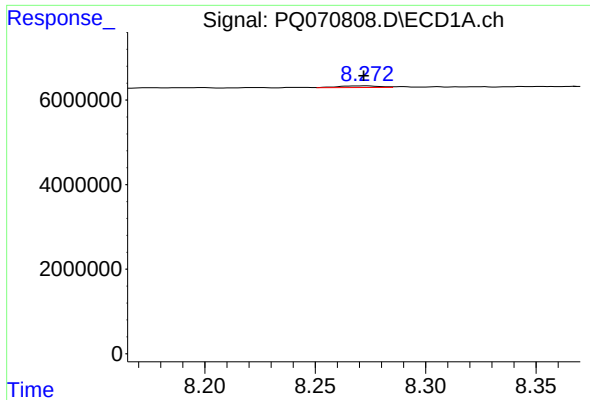
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.678 min
Response: 0
Conc: N.D.



#43 AR-1268-3

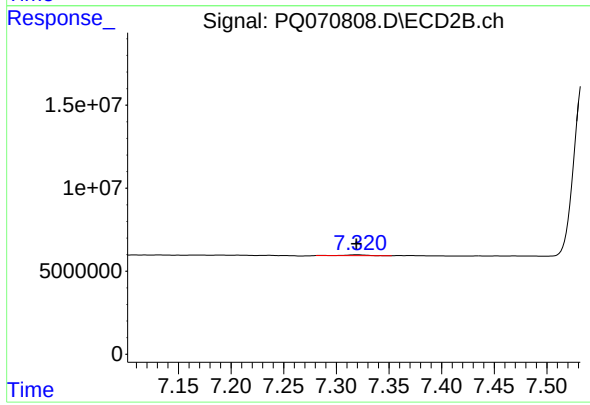
R.T.: 6.768 min
Delta R.T.: 0.003 min
Response: 453828
Conc: 0.51 ng/ml



#45 AR-1268-5

R.T.: 8.273 min
Delta R.T.: 0.001 min
Response: 529947
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.320 min
Delta R.T.: 0.001 min
Response: 686537
Conc: 0.25 ng/ml