

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070872.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 11:23
 Operator : YP\AJ
 Sample : Q2893-02
 Misc : AR1248 SOIL LOQ 50PPB
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:51:35 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	2.778	107.2E6	118.5E6	20.009	18.484
2)	SA Decachlor...	8.498	7.535	85203622	145.2E6	22.097	20.589
Target Compounds							
3)	L1 AR-1016-1	4.481	3.778	4231506	6074367	25.524	28.326
4)	L1 AR-1016-2	4.500	3.793	5760007	6304155	21.594	19.390
5)	L1 AR-1016-3	4.557	3.954	2751483	4358715	16.618	23.985 #
6)	L1 AR-1016-4	4.647	4.002	3423407	9386773	25.287	59.224 #
7)	L1 AR-1016-5	4.931	4.197	8483145	10861225	63.436	58.281
8)	L2 AR-1221-1	3.599	2.940f	83467	149091	1.134	1.670 #
9)	L2 AR-1221-2	3.674	3.046	1689261	2042555	31.512	30.510
10)	L2 AR-1221-3	3.740	3.122	1038218	544327	6.301	2.726 #
11)	L3 AR-1232-1	3.740	3.122	1038218	544327	7.440	3.188 #
12)	L3 AR-1232-2	4.227	3.793	2429610	6304155	31.741	36.314
13)	L3 AR-1232-3	4.500	3.954	5760007	4358715	40.178	46.692
14)	L3 AR-1232-4	4.647	4.039	3423407	10169746	47.825	127.462 #
15)	L3 AR-1232-5	4.787	4.197	7919516	10861225	136.405	122.179
16)	L4 AR-1242-1	4.481	3.778	4231506	6074367	27.525	32.673
17)	L4 AR-1242-2	4.500	3.793	5760007	6304155	24.061	22.386
18)	L4 AR-1242-3	4.557	3.954	2751483	4358715	18.482	27.820 #
19)	L4 AR-1242-4	4.647	4.039	3423407	10169746	27.834	69.629 #
20)	L4 AR-1242-5	5.353	4.534	9013834	15514356	68.307	80.244
21)	L5 AR-1248-1	4.481	3.778	4231506	6074367	36.936	42.535
22)	L5 AR-1248-2	4.744	4.002	7181451	9386773	43.918	43.449
23)	L5 AR-1248-3	4.931	4.039	8483145	10169746	43.360	48.896
24)	L5 AR-1248-4	5.319	4.197	8891420	10861225	41.130	42.537
25)	L5 AR-1248-5	5.353	4.571	9013834	11037632	41.262	42.685
26)	L6 AR-1254-1	5.292	4.534	7458352	15514356	31.928	38.983
27)	L6 AR-1254-2	5.504	4.680	9697462	5529728	27.169	15.788 #
28)	L6 AR-1254-3	5.856	5.061	5608341	9390446	14.796	16.601
29)	L6 AR-1254-4	6.136	5.287	5005964	4894642	18.615	14.156
30)	L6 AR-1254-5	6.546	5.691	1437741	1587778	4.798	3.028 #
31)	L7 AR-1260-1	6.024	5.193	1307068	3257437	5.337	9.126 #
32)	L7 AR-1260-2	6.277	5.377	672002	1090632	2.243	2.564
33)	L7 AR-1260-3	6.590f	5.516	402441	1105980	1.879	2.734 #
34)	L7 AR-1260-4	6.821	5.980	149734	424338	0.630	1.199 #
35)	L7 AR-1260-5	7.142	6.223	190919	1067151	0.400	1.300 #
36)	L8 AR-1262-1	6.821	5.734	149734	168621	0.447	0.318 #
37)	L8 AR-1262-2	7.142	5.980	190919	424338	0.319	0.853 #
38)	L8 AR-1262-3	7.459f	0.000	282061	0	0.704	N.D. #
39)	L8 AR-1262-4	7.496	0.000	186957	0	0.591	N.D. #
41)	L9 AR-1268-1	7.459f	0.000	282061	0	0.412	N.D. #
42)	L9 AR-1268-2	7.496	0.000	186957	0	0.296	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070872.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 11:23
 Operator : YP\AJ
 Sample : Q2893-02
 Misc : AR1248 SOIL LOQ 50PPB
 ALS Vial : 45 Sample Multiplier: 1

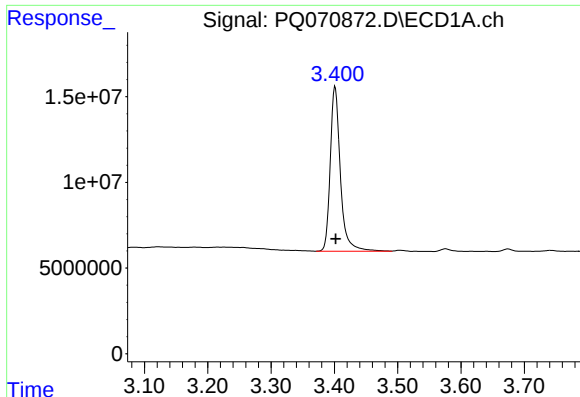
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:51:35 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	7.676	6.763	267536	533542	0.515	0.597
45) L9	AR-1268-5	8.275	7.320	729287	760843	0.471	0.278 #

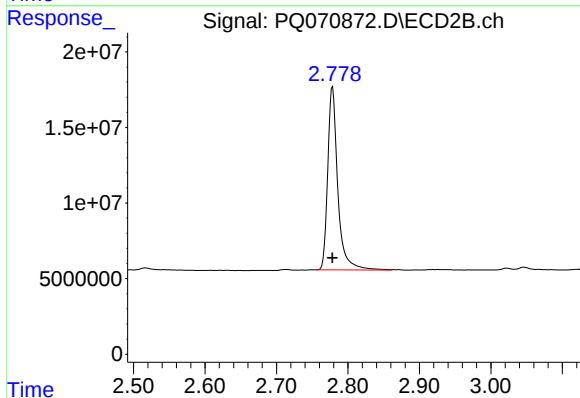
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

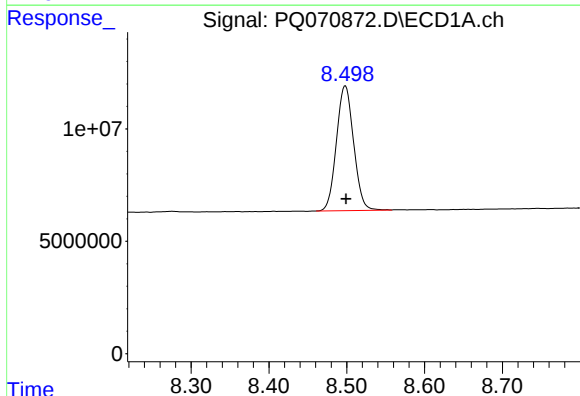
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 107167098
Conc: 20.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



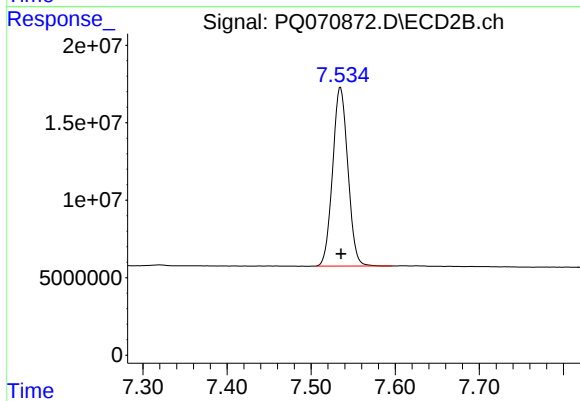
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 118528879
Conc: 18.48 ng/ml



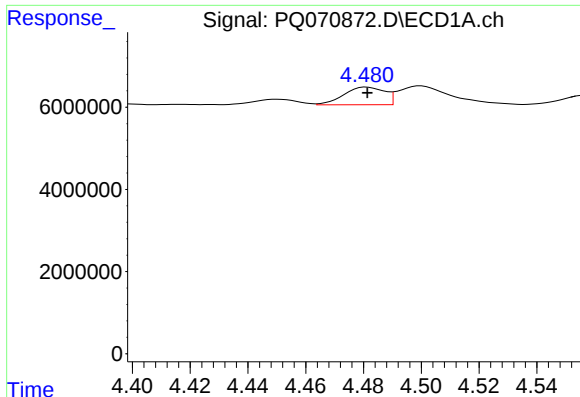
#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: -0.001 min
Response: 85203622
Conc: 22.10 ng/ml



#2 Decachlorobiphenyl

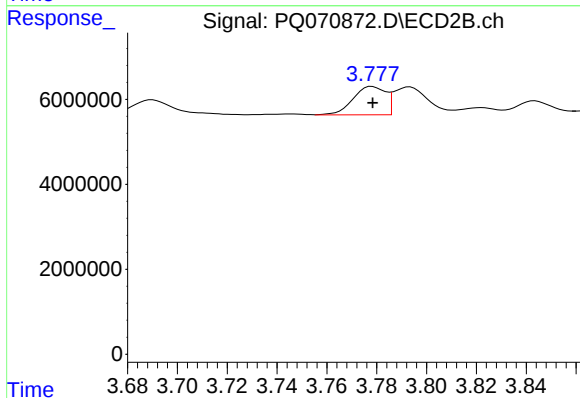
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 145207171
Conc: 20.59 ng/ml



#3 AR-1016-1

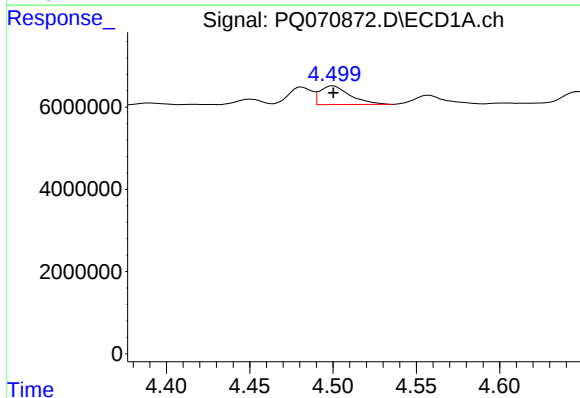
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 4231506
Conc: 25.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



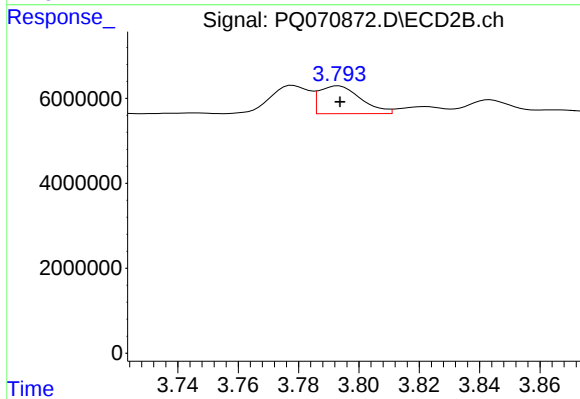
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 6074367
Conc: 28.33 ng/ml



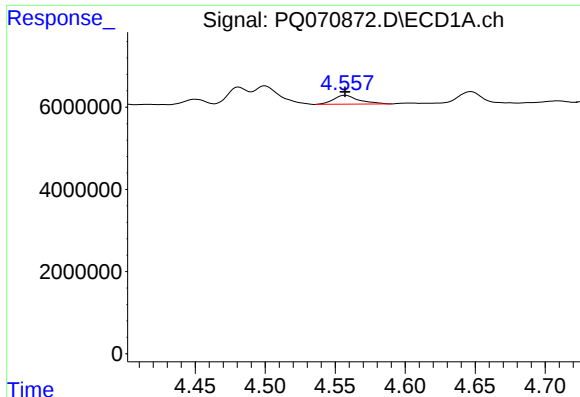
#4 AR-1016-2

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 5760007
Conc: 21.59 ng/ml



#4 AR-1016-2

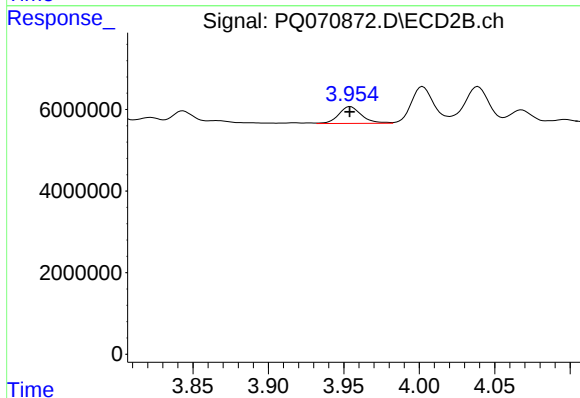
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 6304155
Conc: 19.39 ng/ml



#5 AR-1016-3

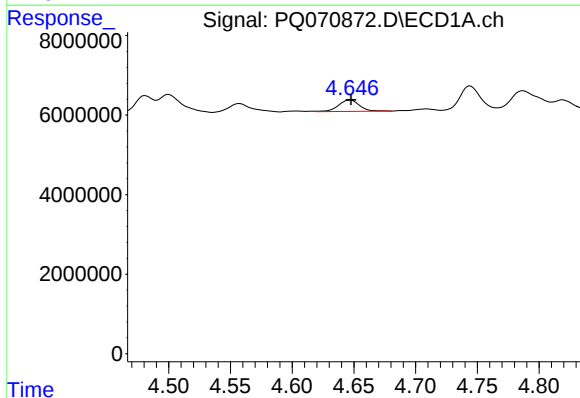
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 2751483
Conc: 16.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



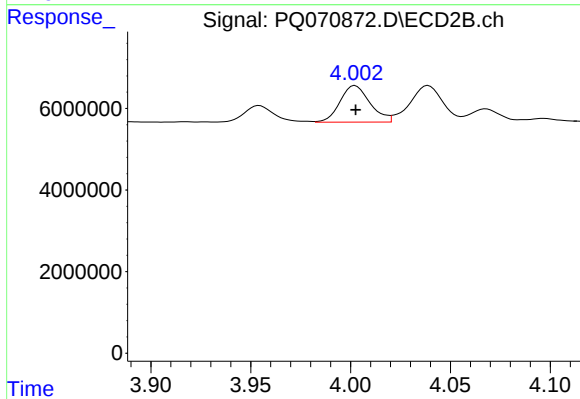
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 4358715
Conc: 23.98 ng/ml



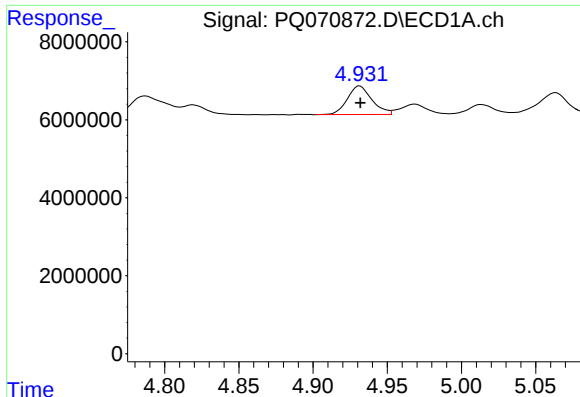
#6 AR-1016-4

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 3423407
Conc: 25.29 ng/ml



#6 AR-1016-4

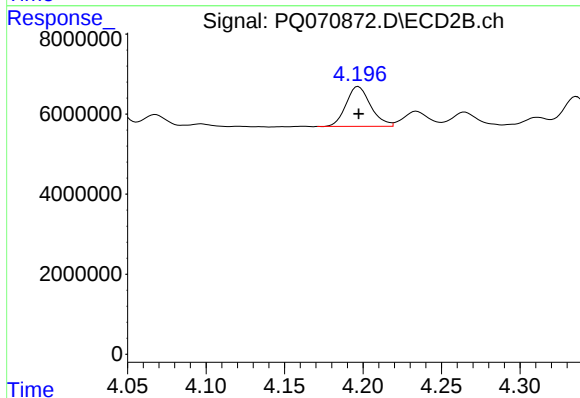
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 9386773
Conc: 59.22 ng/ml



#7 AR-1016-5

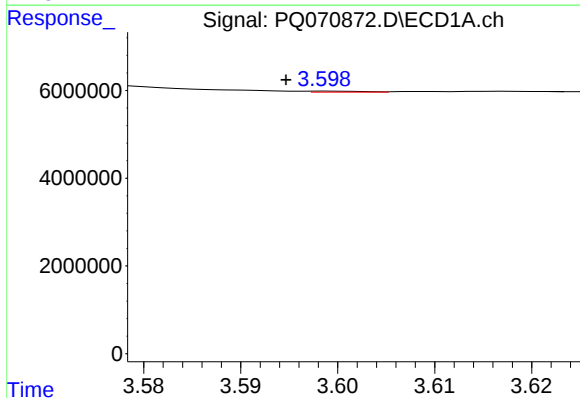
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 8483145
Conc: 63.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



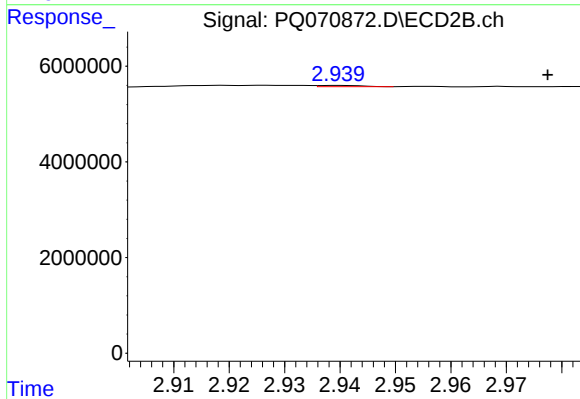
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 10861225
Conc: 58.28 ng/ml



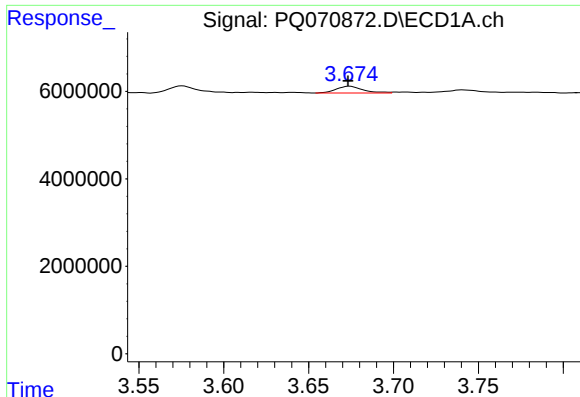
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: 0.005 min
Response: 83467
Conc: 1.13 ng/ml



#8 AR-1221-1

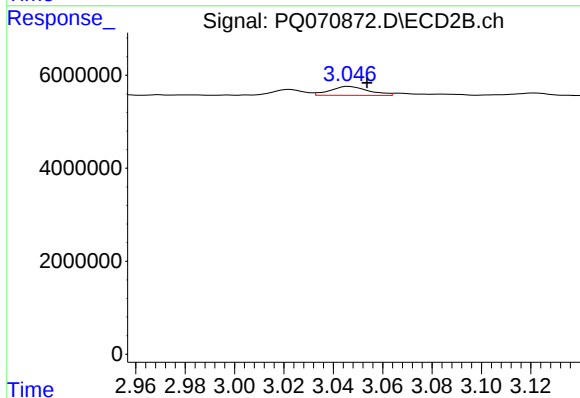
R.T.: 2.940 min
Delta R.T.: -0.038 min
Response: 149091
Conc: 1.67 ng/ml



#9 AR-1221-2

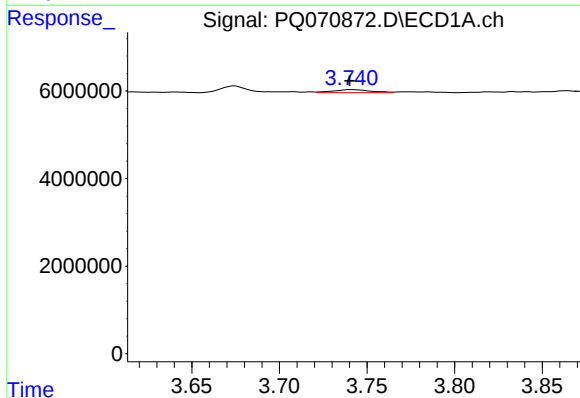
R.T.: 3.674 min
Delta R.T.: 0.001 min
Response: 1689261
Conc: 31.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



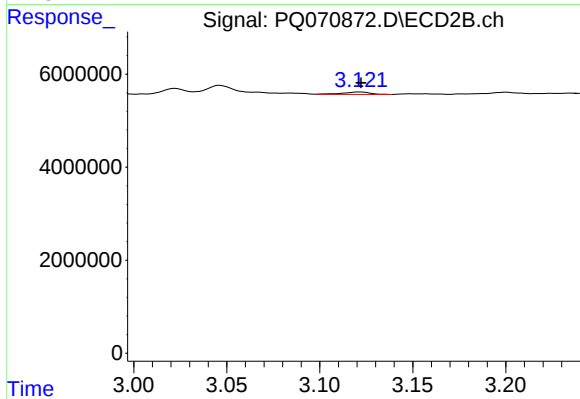
#9 AR-1221-2

R.T.: 3.046 min
Delta R.T.: -0.007 min
Response: 2042555
Conc: 30.51 ng/ml



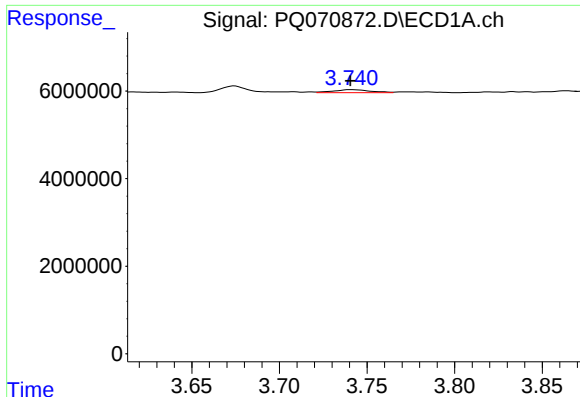
#10 AR-1221-3

R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 1038218
Conc: 6.30 ng/ml



#10 AR-1221-3

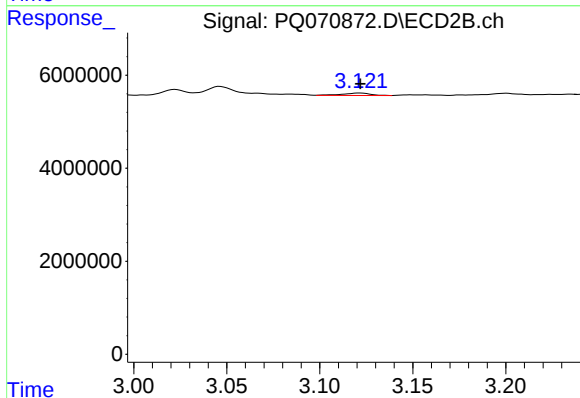
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 544327
Conc: 2.73 ng/ml



#11 AR-1232-1

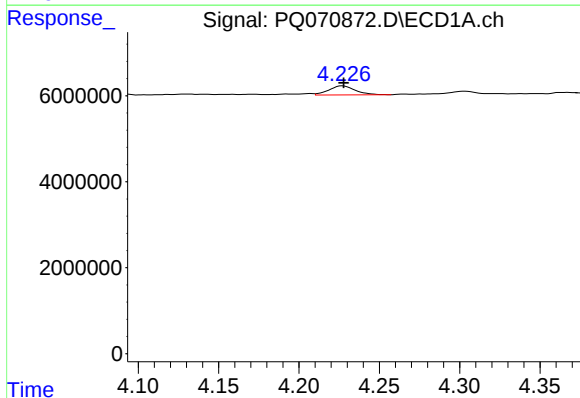
R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 1038218
Conc: 7.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



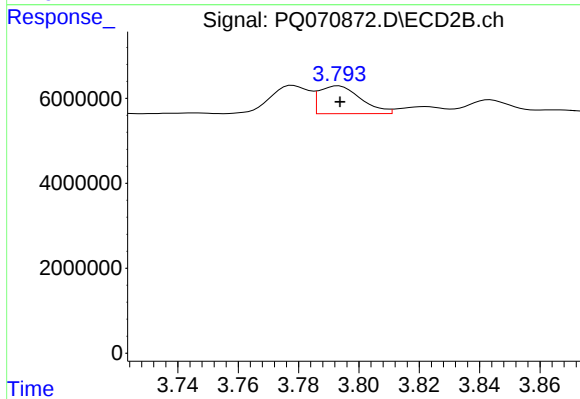
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 544327
Conc: 3.19 ng/ml



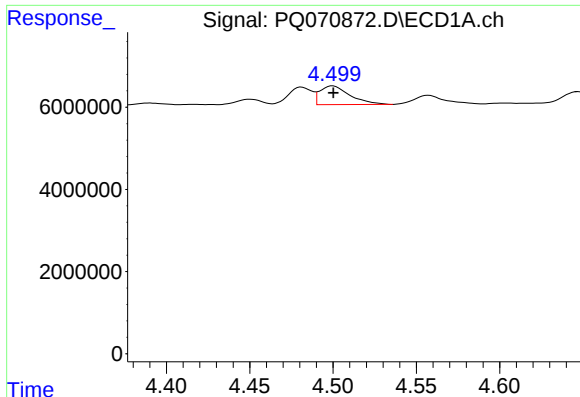
#12 AR-1232-2

R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 2429610
Conc: 31.74 ng/ml



#12 AR-1232-2

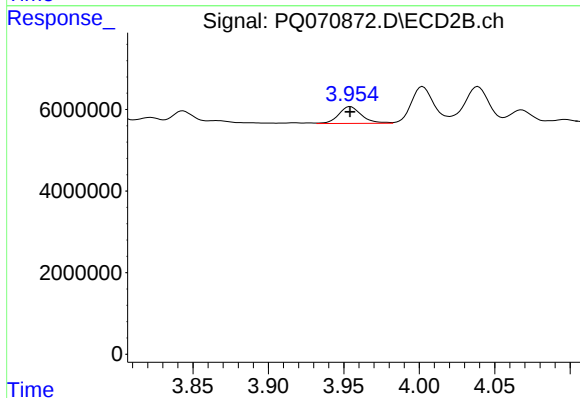
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 6304155
Conc: 36.31 ng/ml



#13 AR-1232-3

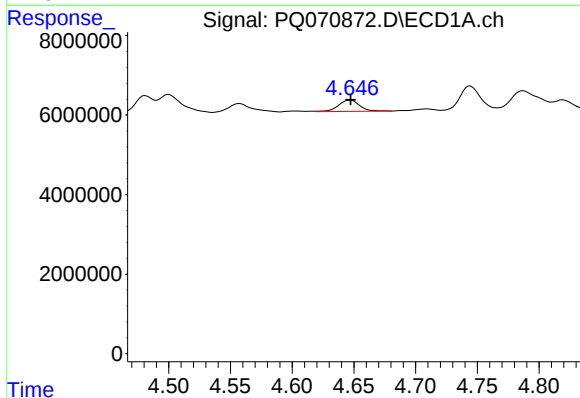
R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 5760007
Conc: 40.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



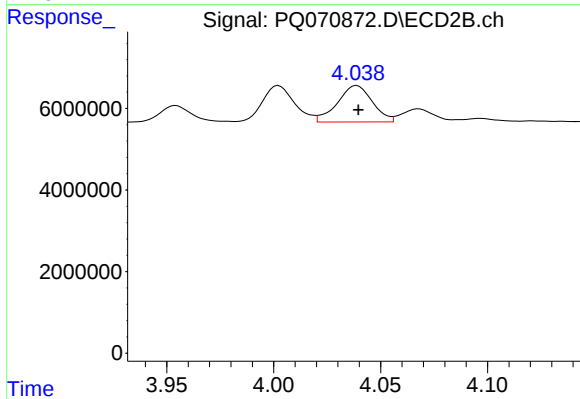
#13 AR-1232-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 4358715
Conc: 46.69 ng/ml



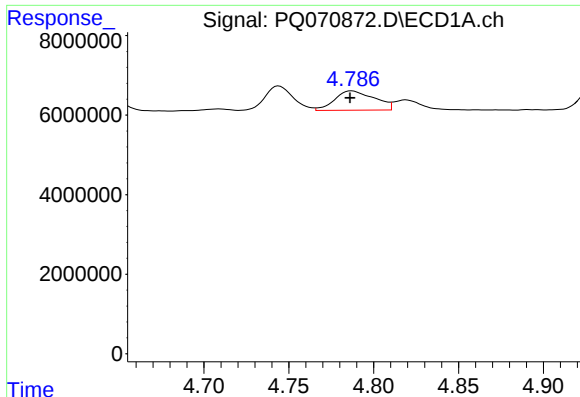
#14 AR-1232-4

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 3423407
Conc: 47.83 ng/ml



#14 AR-1232-4

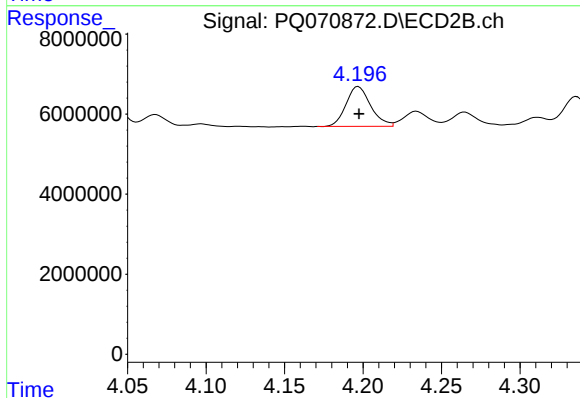
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 10169746
Conc: 127.46 ng/ml



#15 AR-1232-5

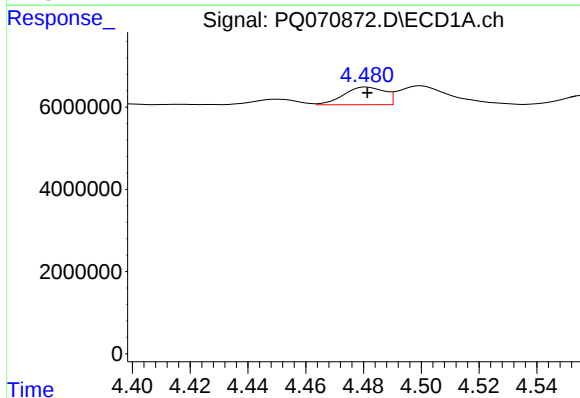
R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 7919516
Conc: 136.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



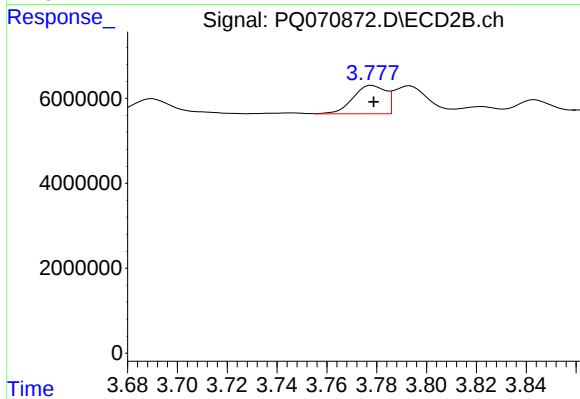
#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 10861225
Conc: 122.18 ng/ml



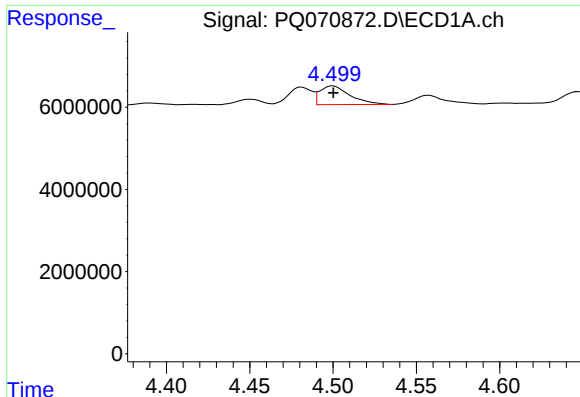
#16 AR-1242-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 4231506
Conc: 27.52 ng/ml



#16 AR-1242-1

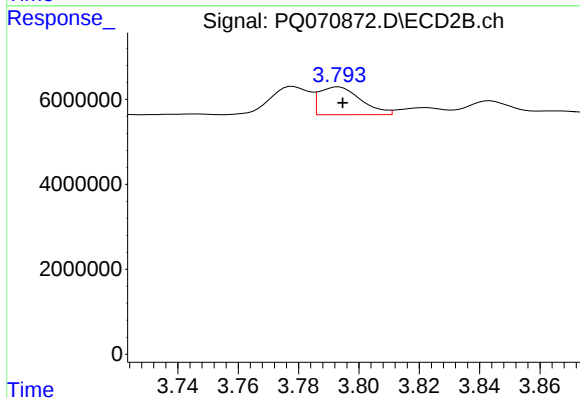
R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 6074367
Conc: 32.67 ng/ml



#17 AR-1242-2

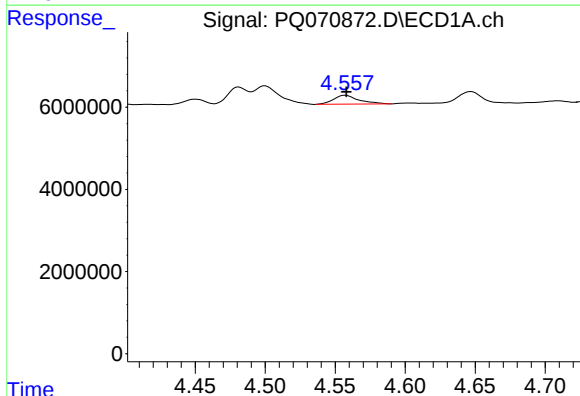
R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 5760007
Conc: 24.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



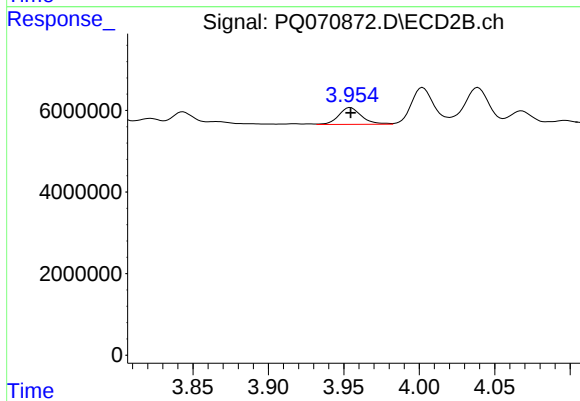
#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: -0.001 min
Response: 6304155
Conc: 22.39 ng/ml



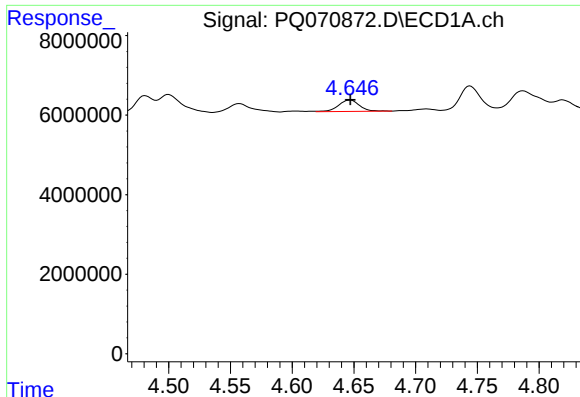
#18 AR-1242-3

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 2751483
Conc: 18.48 ng/ml



#18 AR-1242-3

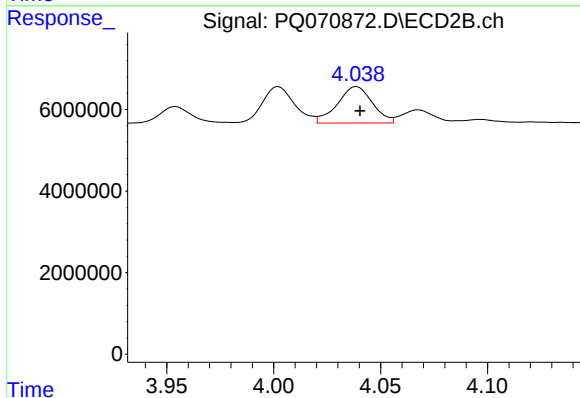
R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 4358715
Conc: 27.82 ng/ml



#19 AR-1242-4

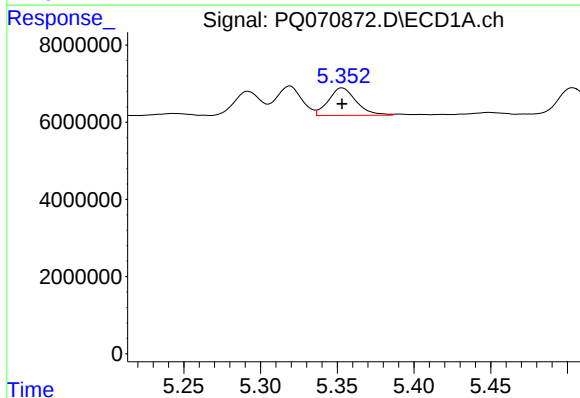
R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 3423407
Conc: 27.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



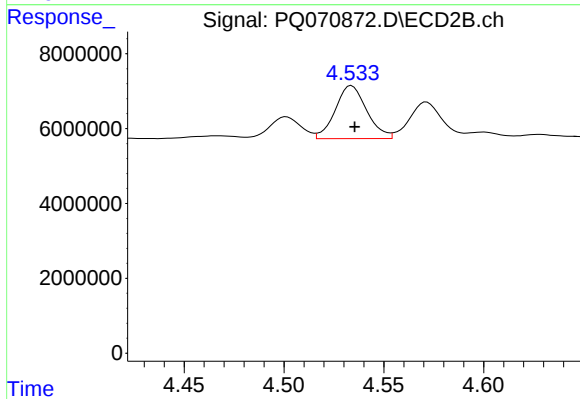
#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: -0.001 min
Response: 10169746
Conc: 69.63 ng/ml



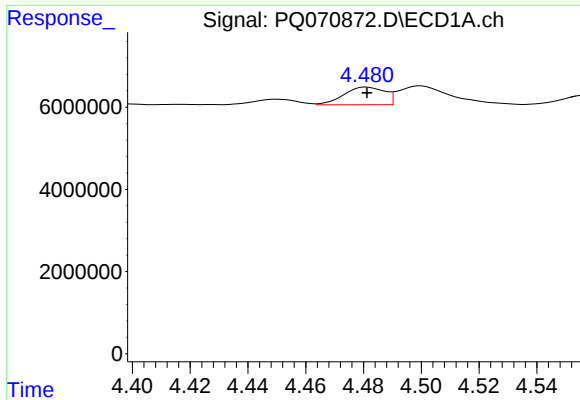
#20 AR-1242-5

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 9013834
Conc: 68.31 ng/ml



#20 AR-1242-5

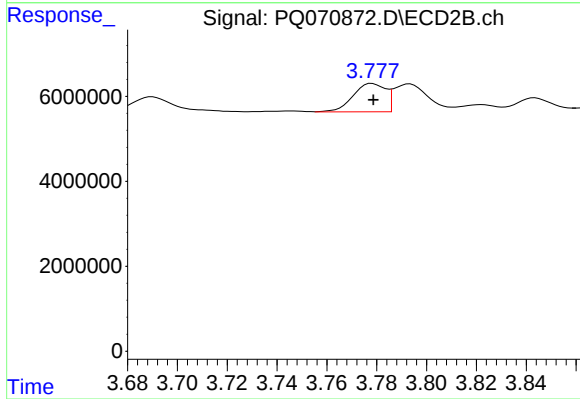
R.T.: 4.534 min
Delta R.T.: -0.002 min
Response: 15514356
Conc: 80.24 ng/ml



#21 AR-1248-1

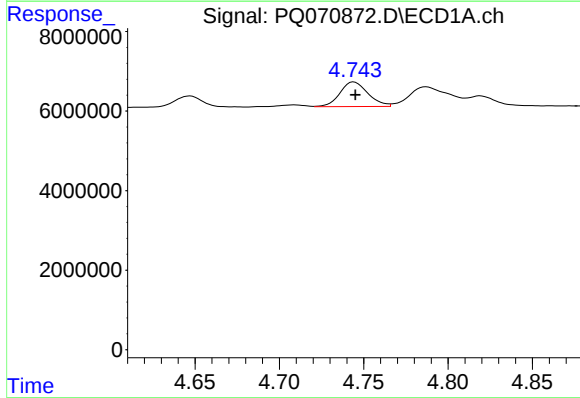
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 4231506
Conc: 36.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



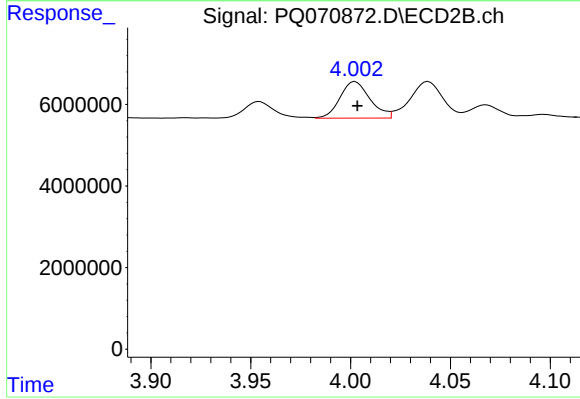
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 6074367
Conc: 42.53 ng/ml



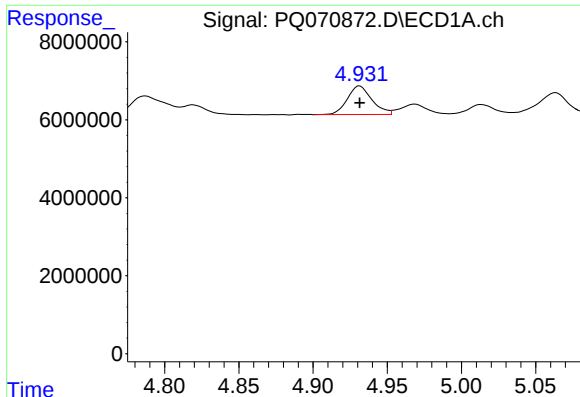
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 7181451
Conc: 43.92 ng/ml



#22 AR-1248-2

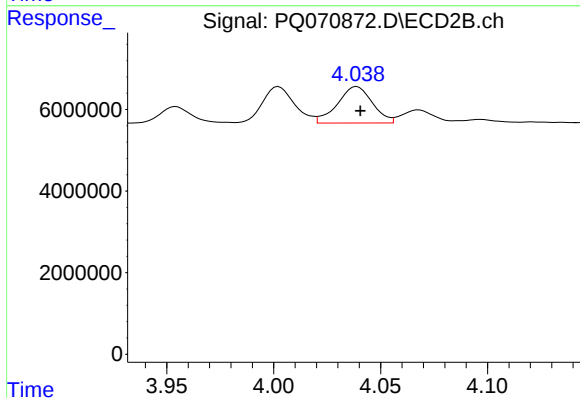
R.T.: 4.002 min
Delta R.T.: -0.001 min
Response: 9386773
Conc: 43.45 ng/ml



#23 AR-1248-3

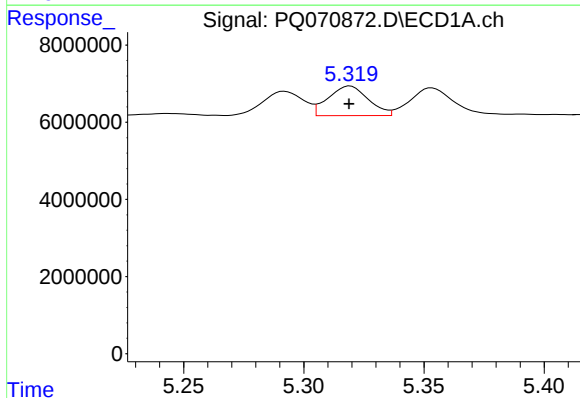
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 8483145
Conc: 43.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



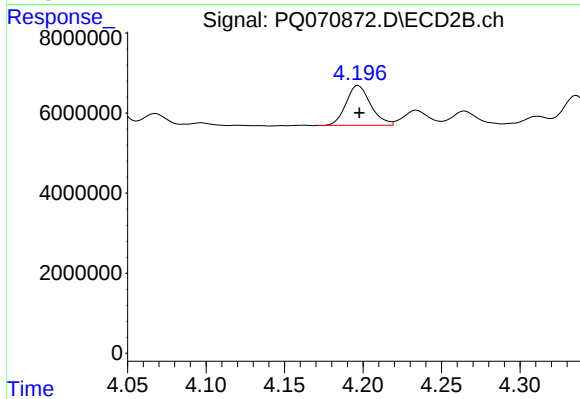
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: -0.002 min
Response: 10169746
Conc: 48.90 ng/ml



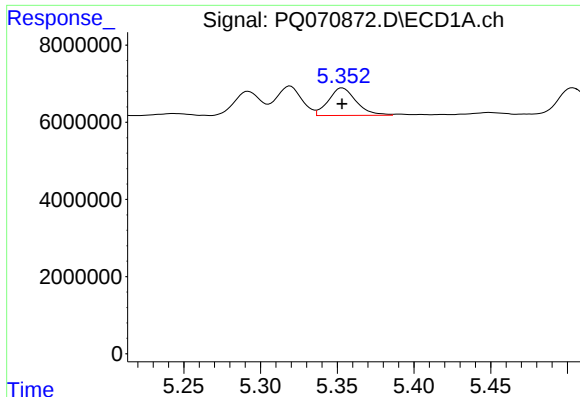
#24 AR-1248-4

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 8891420
Conc: 41.13 ng/ml



#24 AR-1248-4

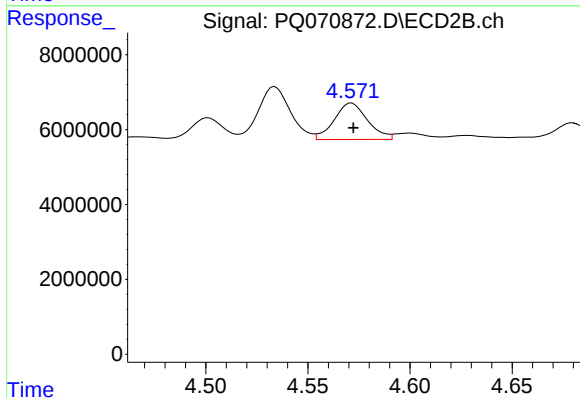
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 10861225
Conc: 42.54 ng/ml



#25 AR-1248-5

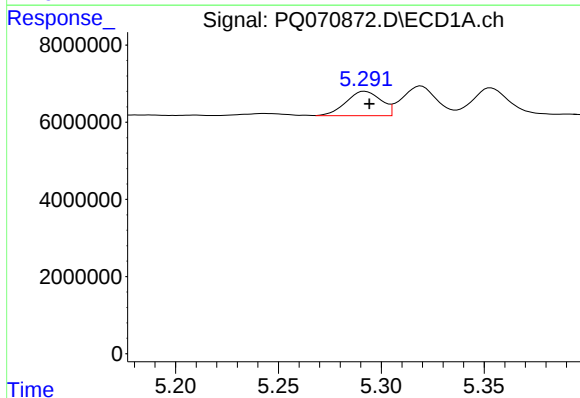
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 9013834
Conc: 41.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



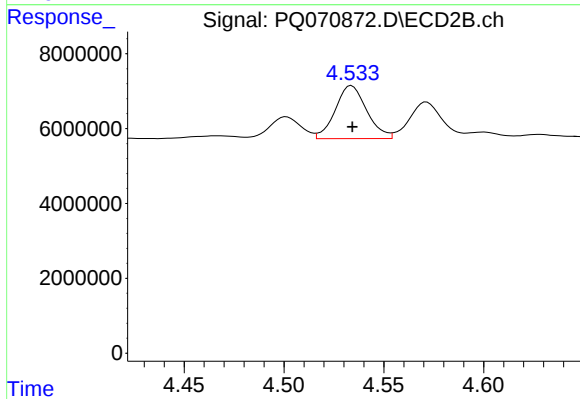
#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 11037632
Conc: 42.69 ng/ml



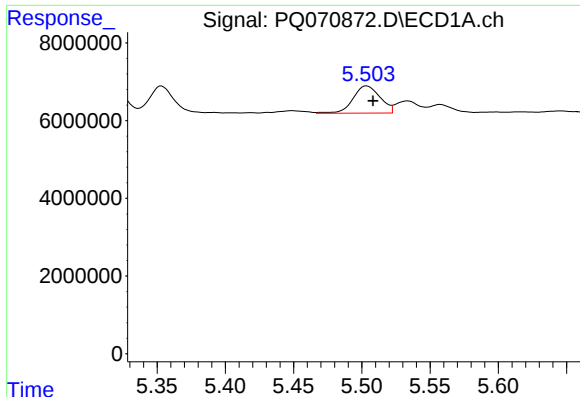
#26 AR-1254-1

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 7458352
Conc: 31.93 ng/ml



#26 AR-1254-1

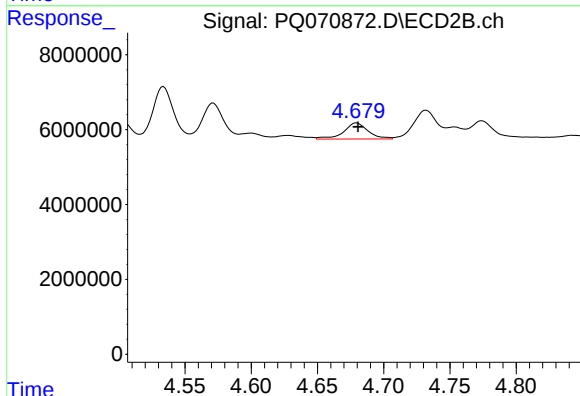
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 15514356
Conc: 38.98 ng/ml



#27 AR-1254-2

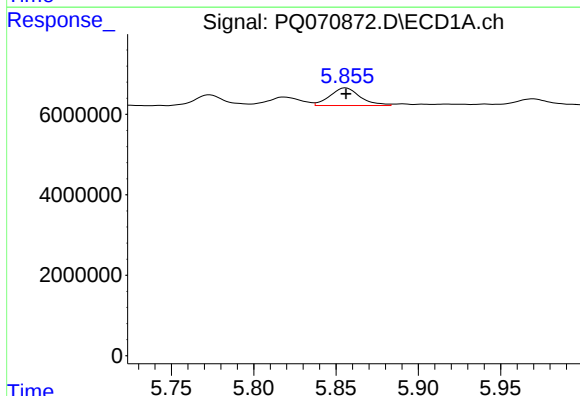
R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 9697462
Conc: 27.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



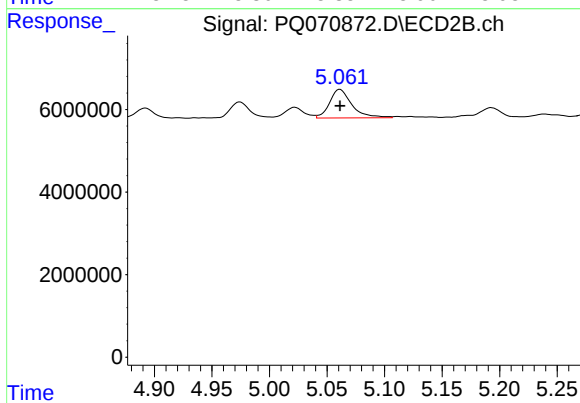
#27 AR-1254-2

R.T.: 4.680 min
Delta R.T.: -0.001 min
Response: 5529728
Conc: 15.79 ng/ml



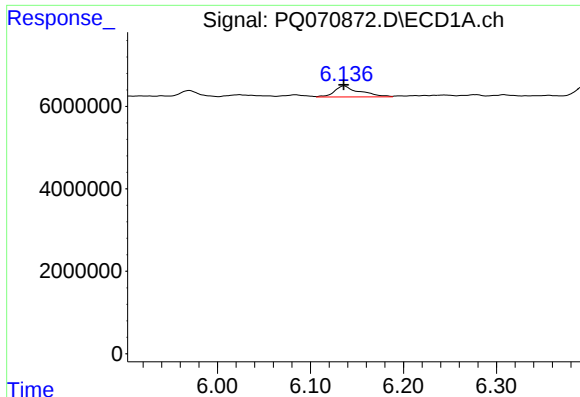
#28 AR-1254-3

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 5608341
Conc: 14.80 ng/ml



#28 AR-1254-3

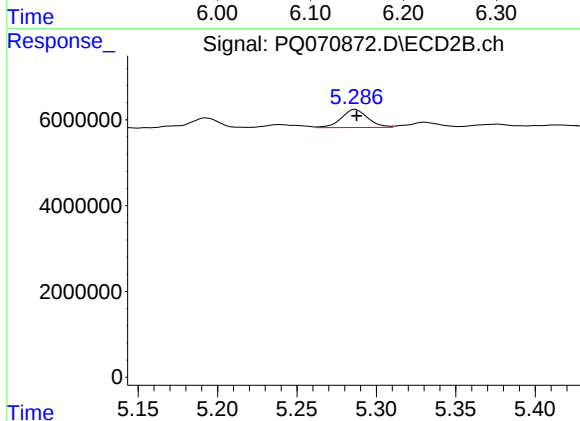
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 9390446
Conc: 16.60 ng/ml



#29 AR-1254-4

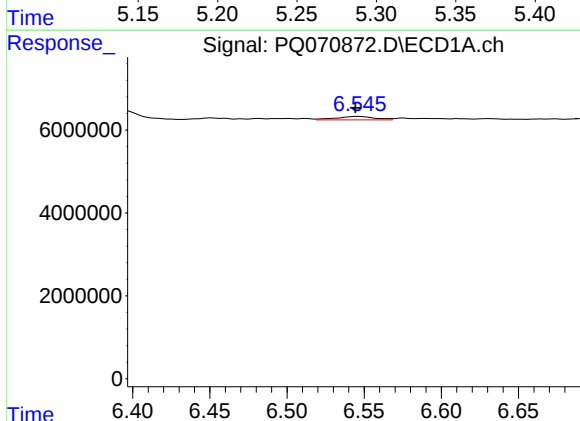
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 5005964
Conc: 18.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



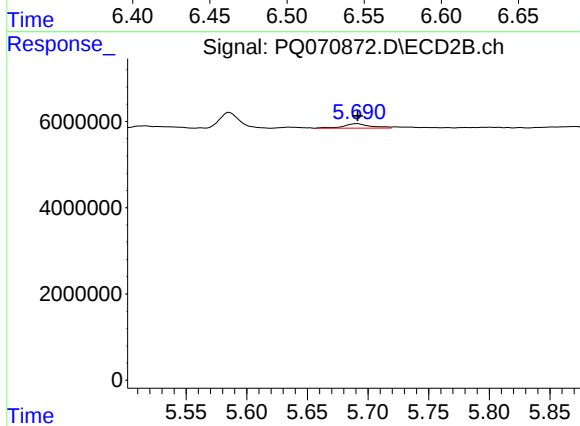
#29 AR-1254-4

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 4894642
Conc: 14.16 ng/ml



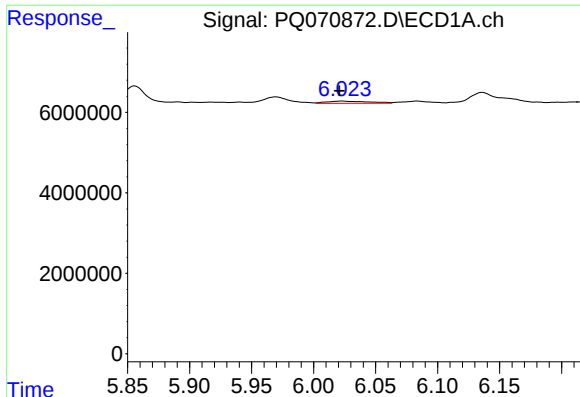
#30 AR-1254-5

R.T.: 6.546 min
Delta R.T.: 0.002 min
Response: 1437741
Conc: 4.80 ng/ml



#30 AR-1254-5

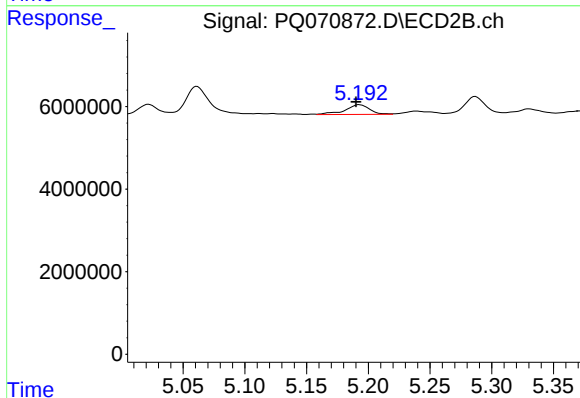
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 1587778
Conc: 3.03 ng/ml



#31 AR-1260-1

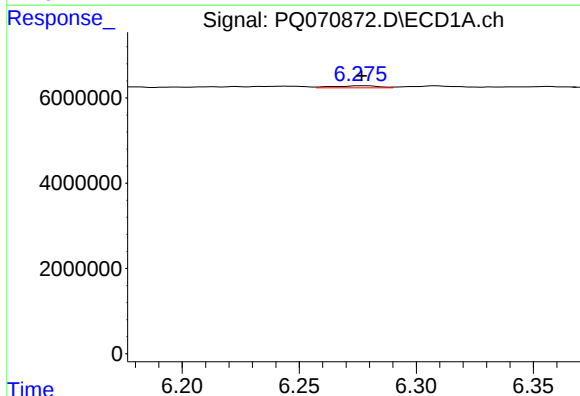
R.T.: 6.024 min
Delta R.T.: 0.003 min
Response: 1307068
Conc: 5.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



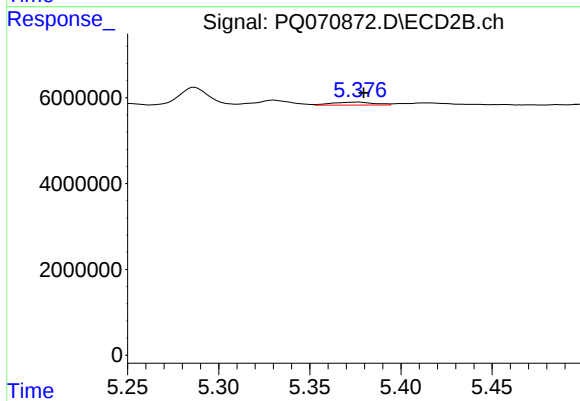
#31 AR-1260-1

R.T.: 5.193 min
Delta R.T.: 0.003 min
Response: 3257437
Conc: 9.13 ng/ml



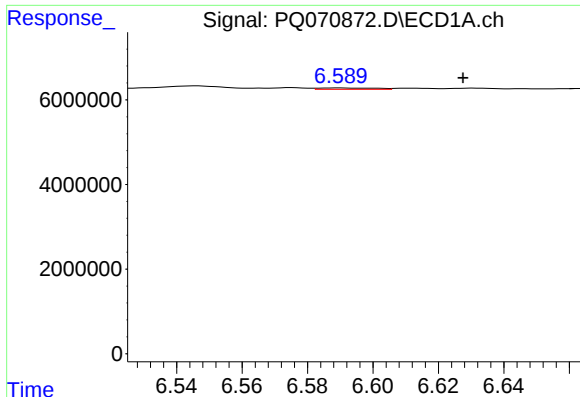
#32 AR-1260-2

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 672002
Conc: 2.24 ng/ml



#32 AR-1260-2

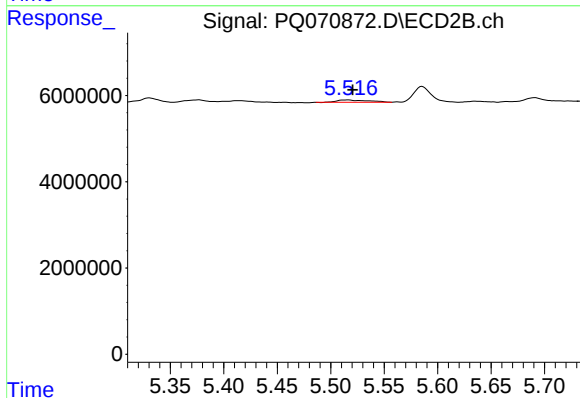
R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 1090632
Conc: 2.56 ng/ml



#33 AR-1260-3

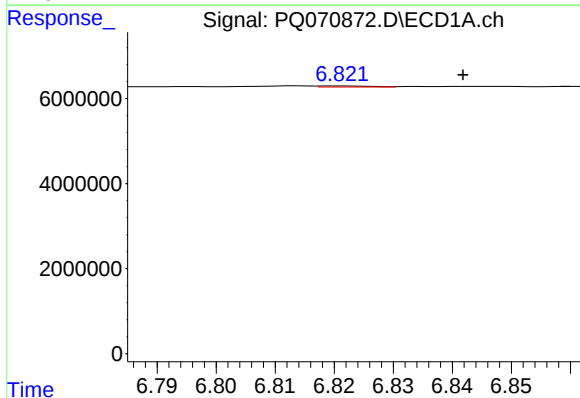
R.T.: 6.590 min
Delta R.T.: -0.038 min
Response: 402441
Conc: 1.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



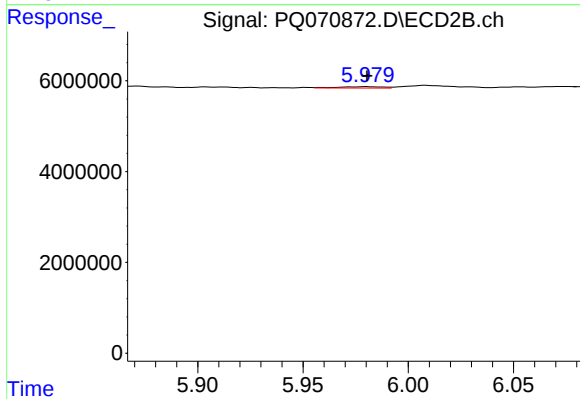
#33 AR-1260-3

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 1105980
Conc: 2.73 ng/ml



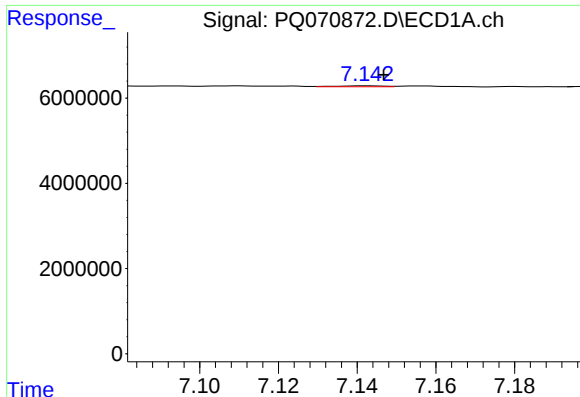
#34 AR-1260-4

R.T.: 6.821 min
Delta R.T.: -0.021 min
Response: 149734
Conc: 0.63 ng/ml



#34 AR-1260-4

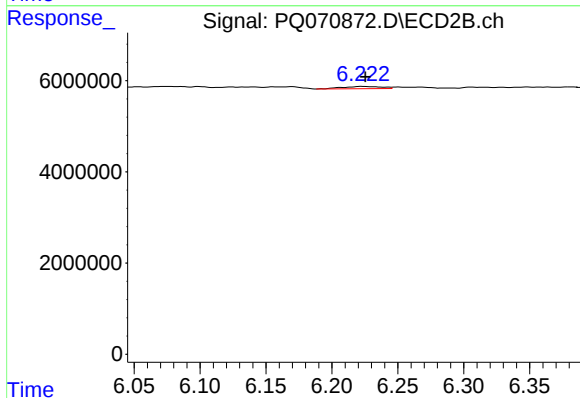
R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 424338
Conc: 1.20 ng/ml



#35 AR-1260-5

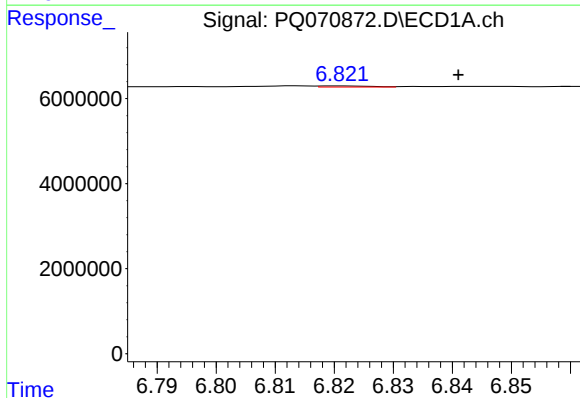
R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 190919
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



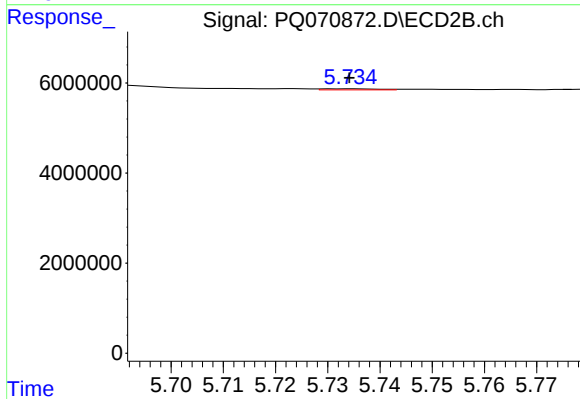
#35 AR-1260-5

R.T.: 6.223 min
Delta R.T.: -0.003 min
Response: 1067151
Conc: 1.30 ng/ml



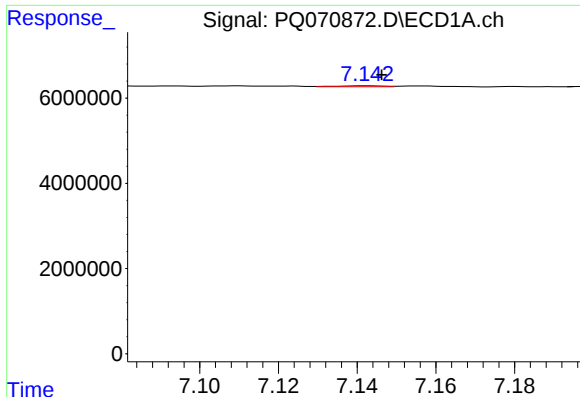
#36 AR-1262-1

R.T.: 6.821 min
Delta R.T.: -0.020 min
Response: 149734
Conc: 0.45 ng/ml



#36 AR-1262-1

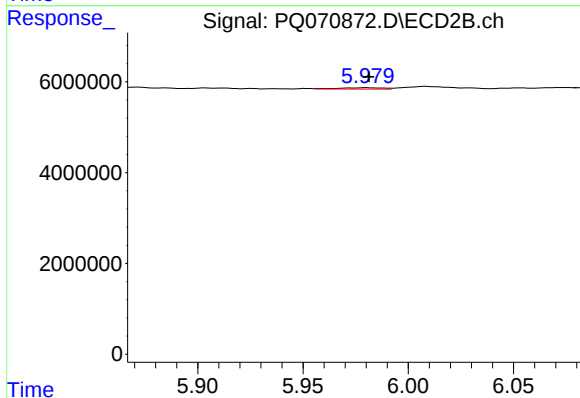
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 168621
Conc: 0.32 ng/ml



#37 AR-1262-2

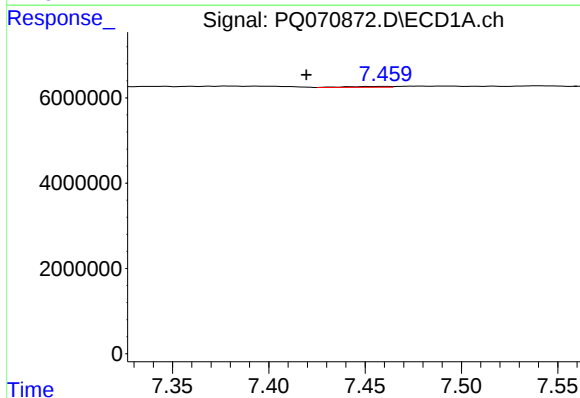
R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 190919
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



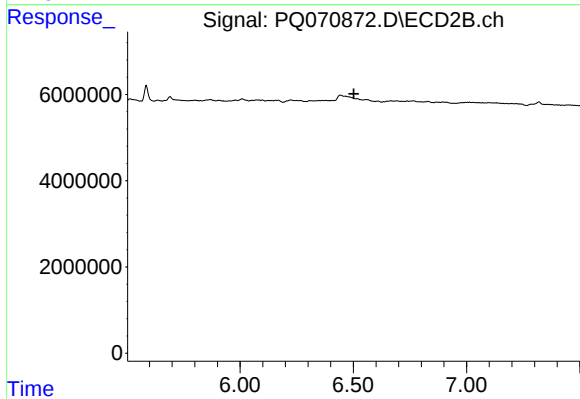
#37 AR-1262-2

R.T.: 5.980 min
Delta R.T.: -0.001 min
Response: 424338
Conc: 0.85 ng/ml



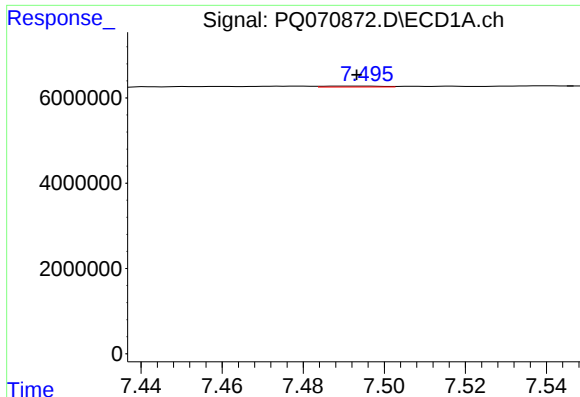
#38 AR-1262-3

R.T.: 7.459 min
Delta R.T.: 0.040 min
Response: 282061
Conc: 0.70 ng/ml



#38 AR-1262-3

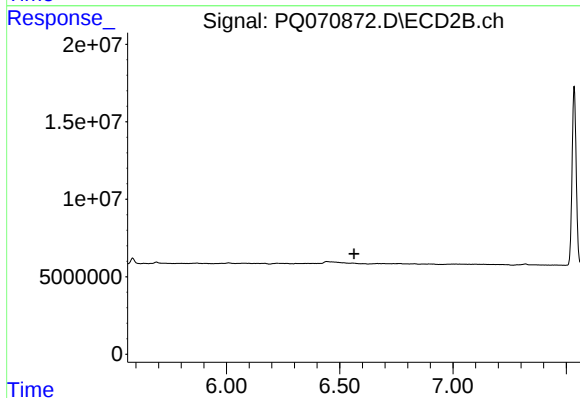
R.T.: 0.000 min
Exp R.T.: 6.502 min
Response: 0
Conc: N.D.



#39 AR-1262-4

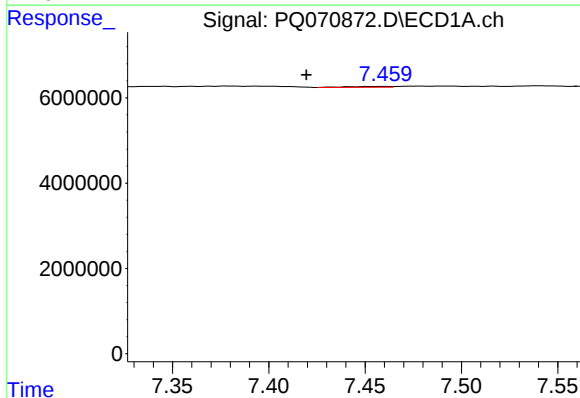
R.T.: 7.496 min
Delta R.T.: 0.002 min
Response: 186957
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



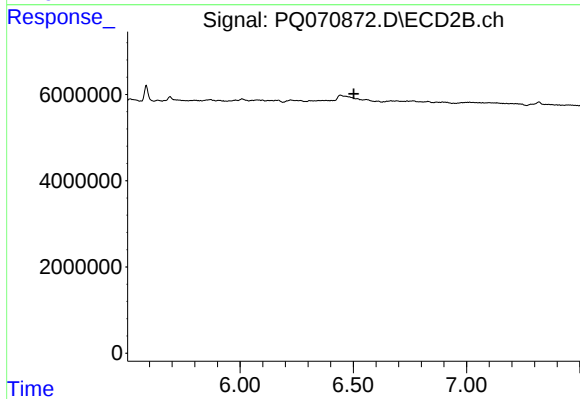
#39 AR-1262-4

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



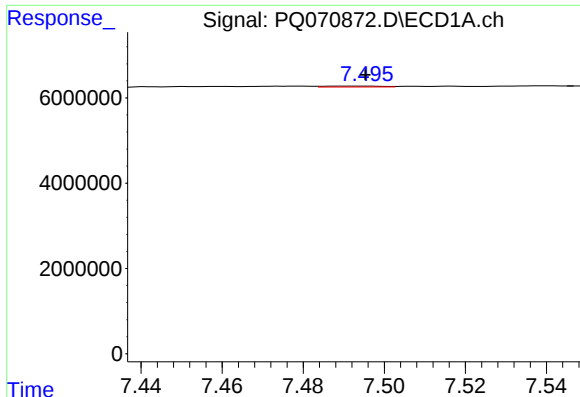
#41 AR-1268-1

R.T.: 7.459 min
Delta R.T.: 0.040 min
Response: 282061
Conc: 0.41 ng/ml



#41 AR-1268-1

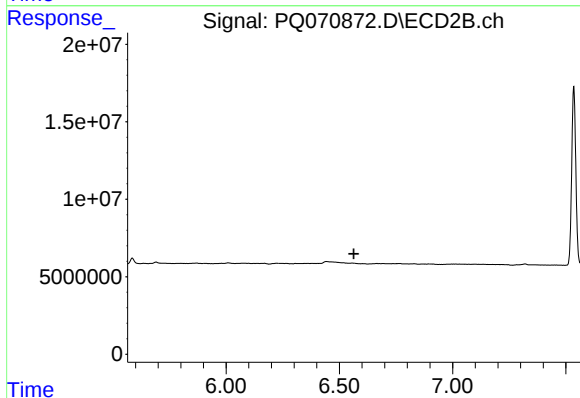
R.T.: 0.000 min
Exp R.T. : 6.502 min
Response: 0
Conc: N.D.



#42 AR-1268-2

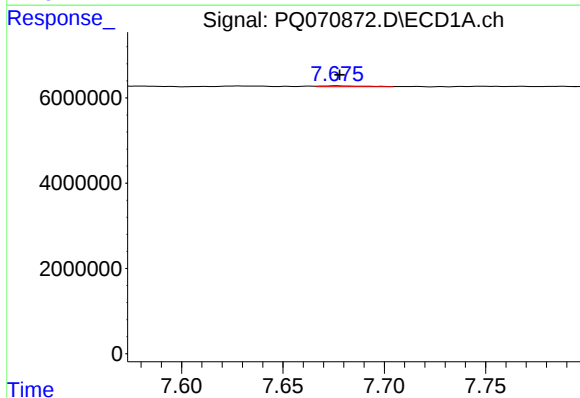
R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 186957
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



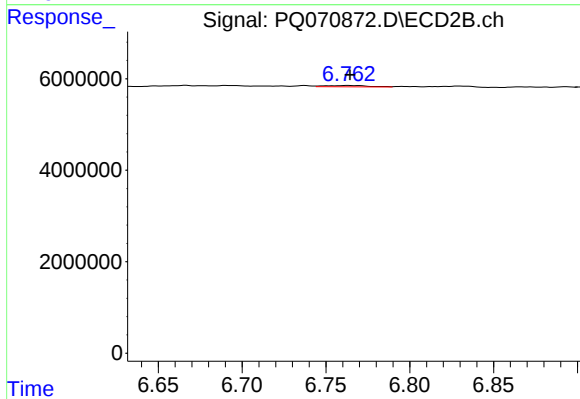
#42 AR-1268-2

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



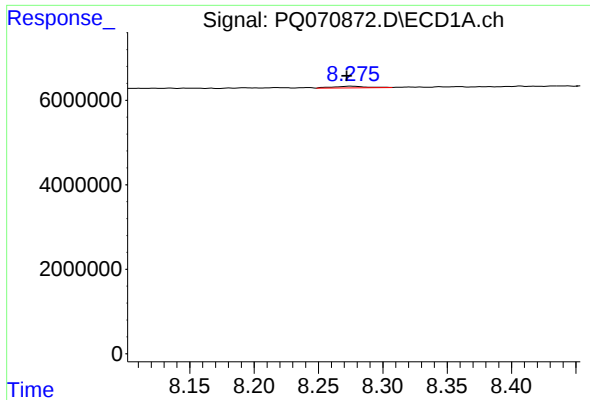
#43 AR-1268-3

R.T.: 7.676 min
Delta R.T.: -0.002 min
Response: 267536
Conc: 0.52 ng/ml



#43 AR-1268-3

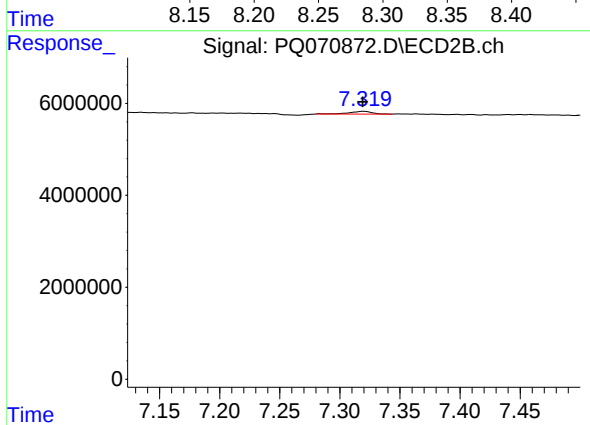
R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 533542
Conc: 0.60 ng/ml



#45 AR-1268-5

R.T.: 8.275 min
Delta R.T.: 0.004 min
Response: 729287
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 760843
Conc: 0.28 ng/ml