

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
 Data File : PQ064041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 20:31
 Operator : YP\AJ
 Sample : 05380-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 01:07:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
 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...	3.459	2.777	57475815	59356767	13.484	16.140
2)	SA Decachlor...	8.694	7.574	30077772	46130480	9.316	9.846
Target Compounds							
3)	L1 AR-1016-1	4.577	3.795	2680325	816038	19.449	6.478 #
4)	L1 AR-1016-2	4.598	3.795	1938884	816038	9.180	4.504 #
5)	L1 AR-1016-3	4.656	3.969	2119151	2069731	15.912	21.239 #
6)	L1 AR-1016-4	4.758	3.987f	3754683	3474292	35.712	41.181
7)	L1 AR-1016-5	5.070f	4.207	12806272	16041973	120.878	160.402 #
8)	L2 AR-1221-1	3.646	2.972	1969831	392091	36.403	7.609 #
9)	L2 AR-1221-2	3.742	3.070	687478	34531	18.820	0.990 #
10)	L2 AR-1221-3	3.806	3.128	166777	602498	1.404	5.462 #
11)	L3 AR-1232-1	3.806	3.128	166777	602498	1.783	6.958 #
12)	L3 AR-1232-2	4.312	3.795	8208934	816038	156.310	10.259 #
13)	L3 AR-1232-3	4.598	3.969	1938884	2069731	21.557	49.994 #
14)	L3 AR-1232-4	4.758	4.048	3754683	9569153	85.870	263.492 #
15)	L3 AR-1232-5	4.821	4.207	4294427	16041973	128.421	381.794 #
16)	L4 AR-1242-1	4.577	3.795	2680325	816038	23.786	7.933 #
17)	L4 AR-1242-2	4.598	3.814	1938884	65708	11.466	0.445 #
18)	L4 AR-1242-3	4.656	3.969	2119151	2069731	20.078	26.016 #
19)	L4 AR-1242-4	4.758	4.048	3754683	9569153	44.252	126.099 #
20)	L4 AR-1242-5	5.472	4.545	19324826	35254886	218.552	350.467 #
21)	L5 AR-1248-1	4.577	3.795	2680325	816038	32.194	10.466 #
22)	L5 AR-1248-2	4.821	3.987f	4294427	3474292	35.383	29.308
23)	L5 AR-1248-3	5.070f	4.048	12806272	9569153	88.445	84.936
24)	L5 AR-1248-4	5.404f	4.207	40184326	16041973	259.297	116.535 #
25)	L5 AR-1248-5	5.472	4.582	19324826	19980994	126.383	148.814
26)	L6 AR-1254-1	5.404	4.545	40184326	35254886	256.033	181.386 #
27)	L6 AR-1254-2	5.613	4.694	23913786	27903624	100.836	160.177 #
28)	L6 AR-1254-3	5.978	5.078	39921458	58627577	161.012	219.029 #
29)	L6 AR-1254-4	6.262	5.307	2820480	13555024	15.564	77.267 #
30)	L6 AR-1254-5	6.680	5.714	38857091	59958496	194.812	235.186
31)	L7 AR-1260-1	6.145	5.209	16107869	44656814	78.680	225.774 #
32)	L7 AR-1260-2	6.404	5.400	36319142	46356280	150.350	194.176 #
33)	L7 AR-1260-3	6.760	5.536	5953669	29571462	36.990	130.919 #
34)	L7 AR-1260-4	6.981	6.005	6067986	6910301	32.890	40.162
35)	L7 AR-1260-5	7.293	6.251	17045019	11133723	47.961	27.899 #
36)	L8 AR-1262-1	6.760	5.808	5953669	3789710	22.782	34.616 #
37)	L8 AR-1262-2	7.293	6.005	17045019	6910301	40.074	27.975 #
38)	L8 AR-1262-3	7.575	0.000	7439554	0	25.965	N.D. #
39)	L8 AR-1262-4	7.643	6.589	1939779	14319541	8.454	38.428 #
40)	L8 AR-1262-5	8.153	7.087	2448646	2386250	17.190	13.198
41)	L9 AR-1268-1	7.575	0.000	7439554	0	15.044	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
 Data File : PQ064041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 20:31
 Operator : YP\AJ
 Sample : 05380-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

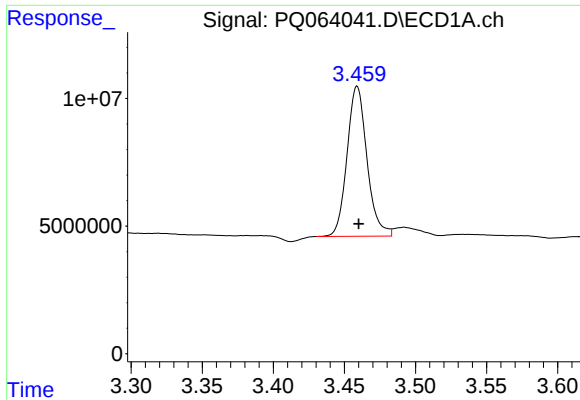
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 01:07:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
 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	7.643	6.589	1939779	14319541	4.332	27.584 #
43) L9	AR-1268-3	7.827	6.797	2099761	1334687	5.382	2.879 #
44) L9	AR-1268-4	8.153	7.087	2448646	2386250	15.663	12.217
45) L9	AR-1268-5	8.451	7.357	2553460	2438396	2.265	1.593 #

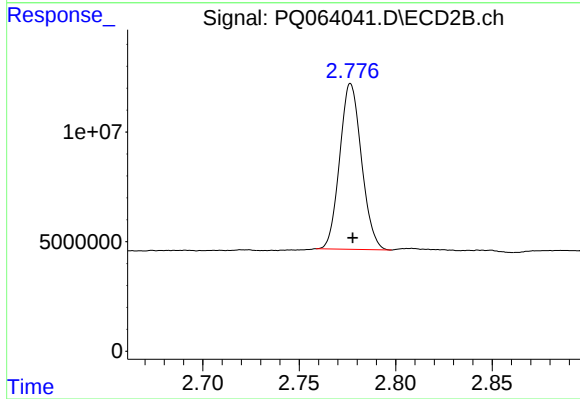
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

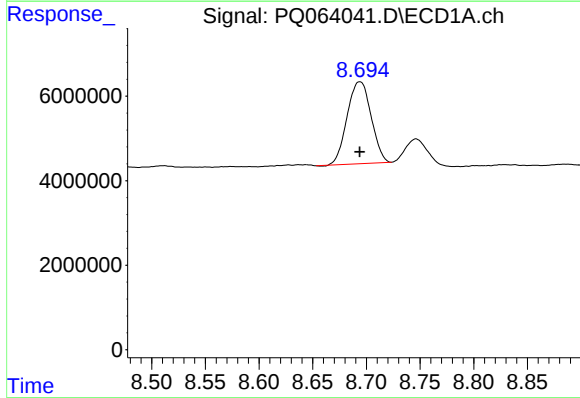
R.T.: 3.459 min
Delta R.T.: -0.001 min
Response: 57475815
Conc: 13.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



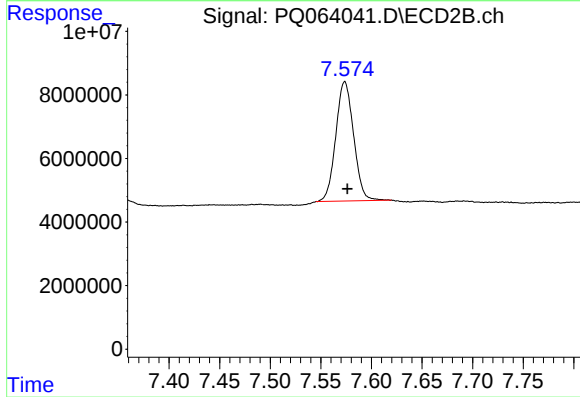
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 59356767
Conc: 16.14 ng/ml



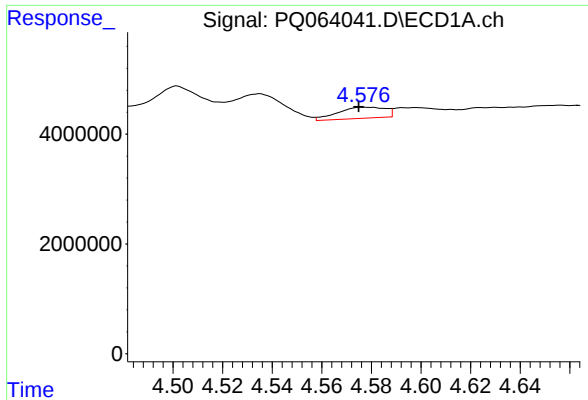
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 30077772
Conc: 9.32 ng/ml



#2 Decachlorobiphenyl

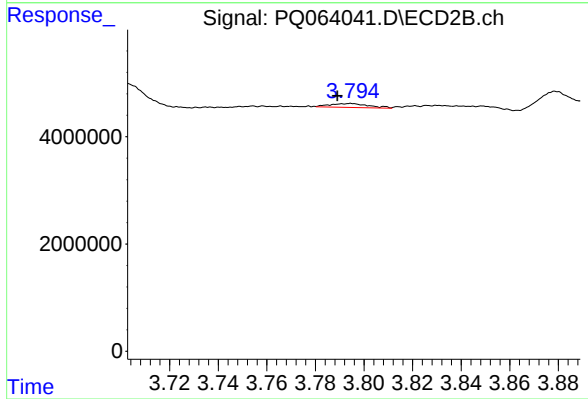
R.T.: 7.574 min
Delta R.T.: -0.003 min
Response: 46130480
Conc: 9.85 ng/ml



#3 AR-1016-1

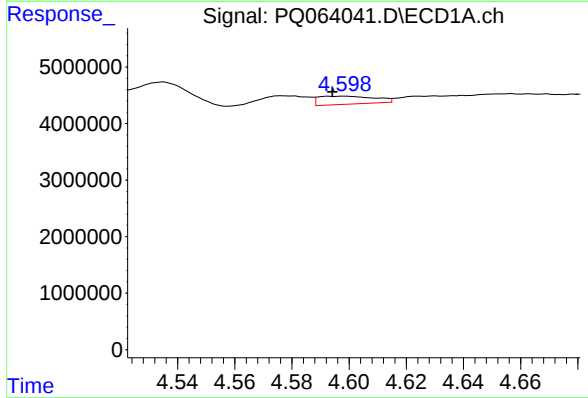
R.T.: 4.577 min
Delta R.T.: 0.002 min
Response: 2680325
Conc: 19.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



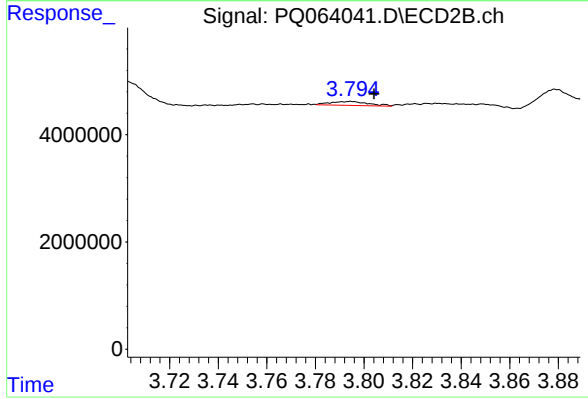
#3 AR-1016-1

R.T.: 3.795 min
Delta R.T.: 0.006 min
Response: 816038
Conc: 6.48 ng/ml



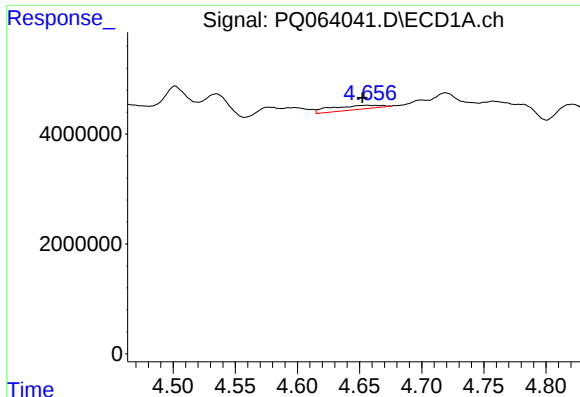
#4 AR-1016-2

R.T.: 4.598 min
Delta R.T.: 0.004 min
Response: 1938884
Conc: 9.18 ng/ml



#4 AR-1016-2

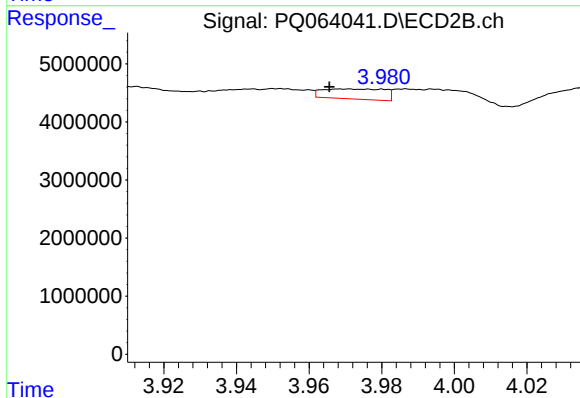
R.T.: 3.795 min
Delta R.T.: -0.010 min
Response: 816038
Conc: 4.50 ng/ml



#5 AR-1016-3

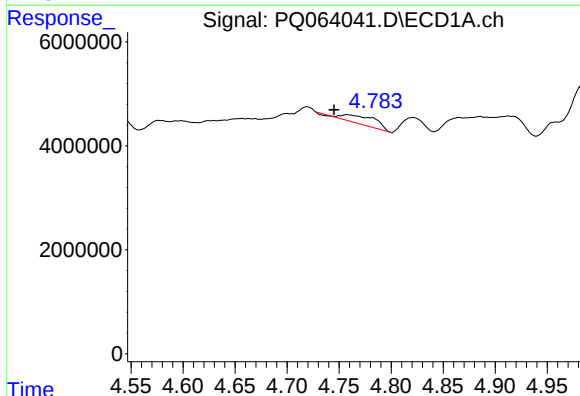
R.T.: 4.656 min
Delta R.T.: 0.004 min
Response: 2119151
Conc: 15.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



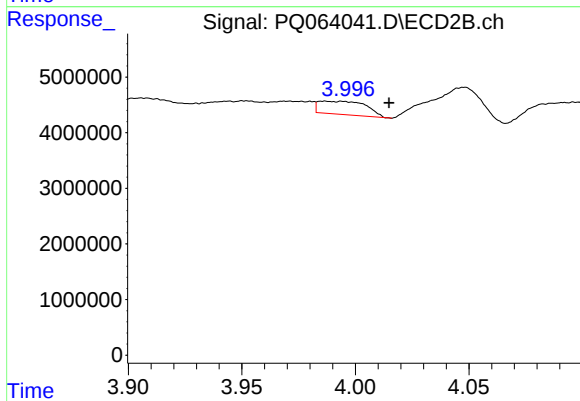
#5 AR-1016-3

R.T.: 3.969 min
Delta R.T.: 0.003 min
Response: 2069731
Conc: 21.24 ng/ml



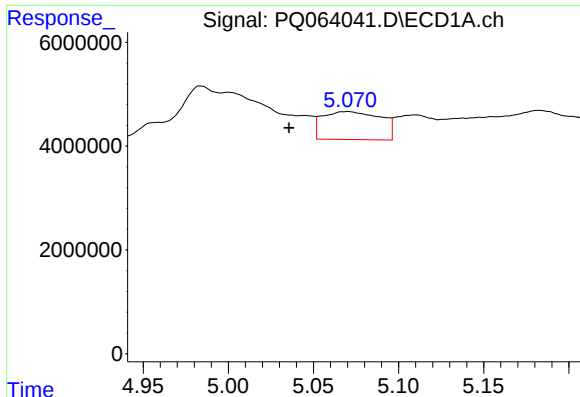
#6 AR-1016-4

R.T.: 4.758 min
Delta R.T.: 0.012 min
Response: 3754683
Conc: 35.71 ng/ml



#6 AR-1016-4

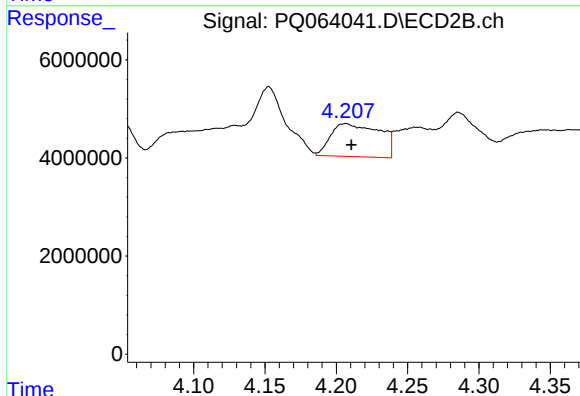
R.T.: 3.987 min
Delta R.T.: -0.028 min
Response: 3474292
Conc: 41.18 ng/ml



#7 AR-1016-5

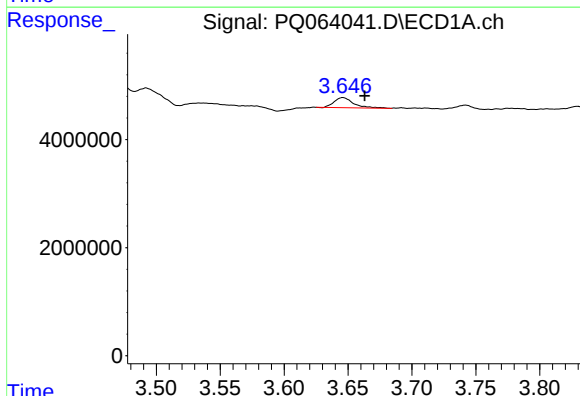
R.T.: 5.070 min
Delta R.T.: 0.034 min
Response: 12806272
Conc: 120.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



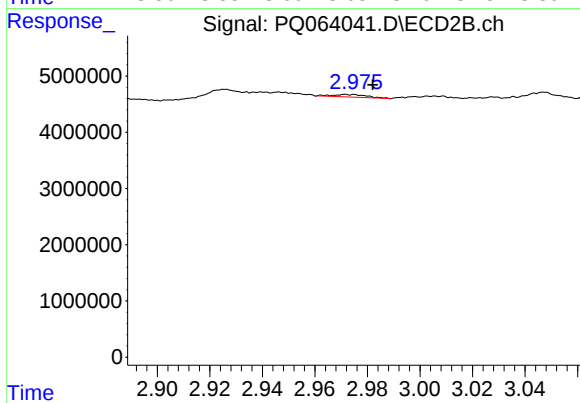
#7 AR-1016-5

R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 16041973
Conc: 160.40 ng/ml



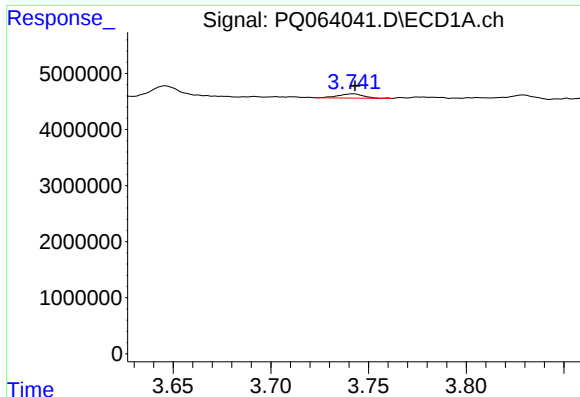
#8 AR-1221-1

R.T.: 3.646 min
Delta R.T.: -0.017 min
Response: 1969831
Conc: 36.40 ng/ml



#8 AR-1221-1

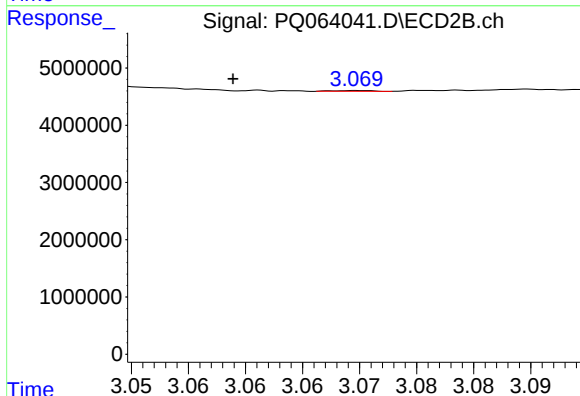
R.T.: 2.972 min
Delta R.T.: -0.010 min
Response: 392091
Conc: 7.61 ng/ml



#9 AR-1221-2

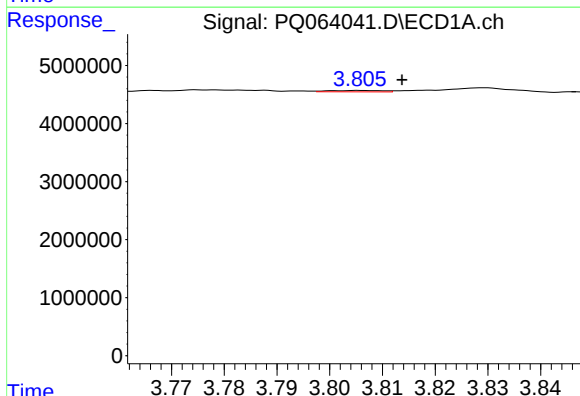
R.T.: 3.742 min
Delta R.T.: -0.001 min
Response: 687478
Conc: 18.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



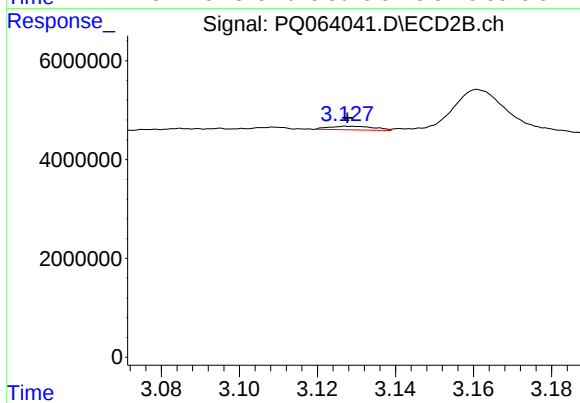
#9 AR-1221-2

R.T.: 3.070 min
Delta R.T.: 0.011 min
Response: 34531
Conc: 0.99 ng/ml



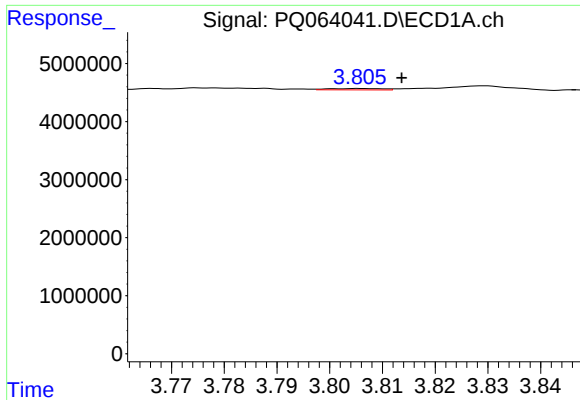
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: -0.008 min
Response: 166777
Conc: 1.40 ng/ml



#10 AR-1221-3

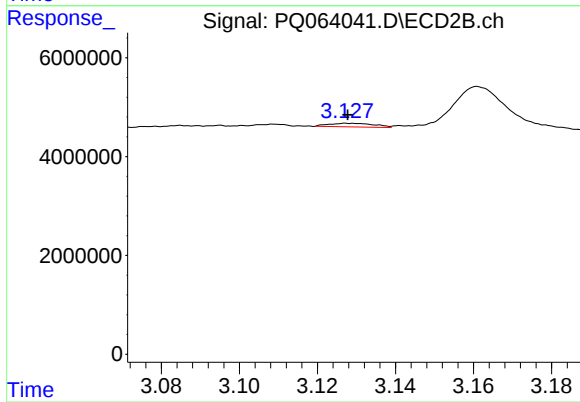
R.T.: 3.128 min
Delta R.T.: 0.000 min
Response: 602498
Conc: 5.46 ng/ml



#11 AR-1232-1

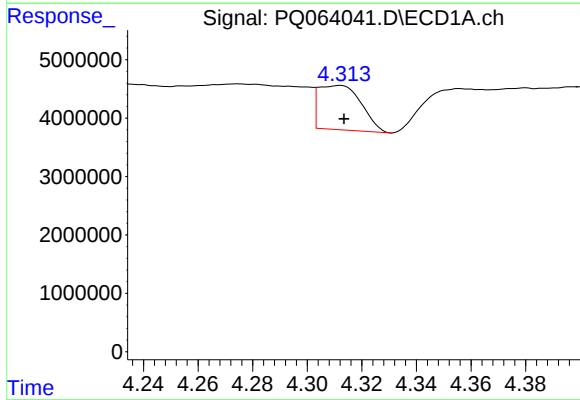
R.T.: 3.806 min
Delta R.T.: -0.008 min
Response: 166777
Conc: 1.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



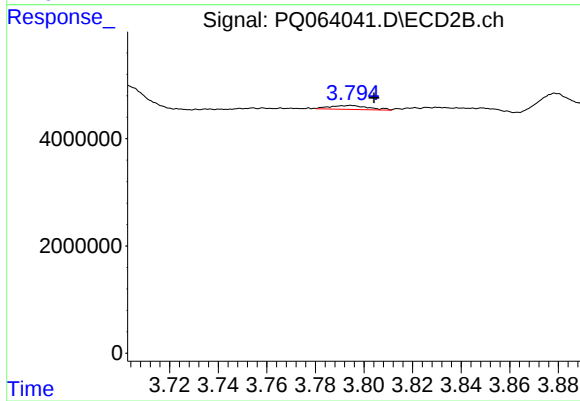
#11 AR-1232-1

R.T.: 3.128 min
Delta R.T.: 0.000 min
Response: 602498
Conc: 6.96 ng/ml



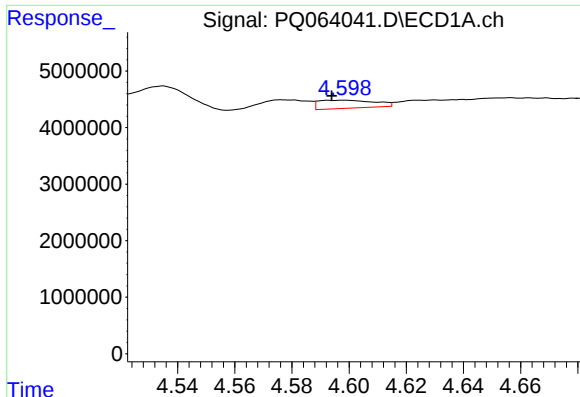
#12 AR-1232-2

R.T.: 4.312 min
Delta R.T.: -0.002 min
Response: 8208934
Conc: 156.31 ng/ml



#12 AR-1232-2

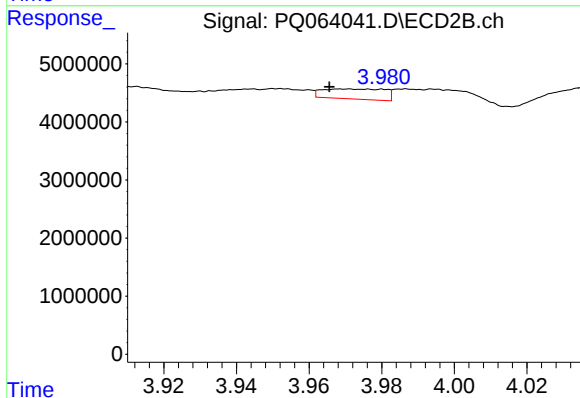
R.T.: 3.795 min
Delta R.T.: -0.009 min
Response: 816038
Conc: 10.26 ng/ml



#13 AR-1232-3

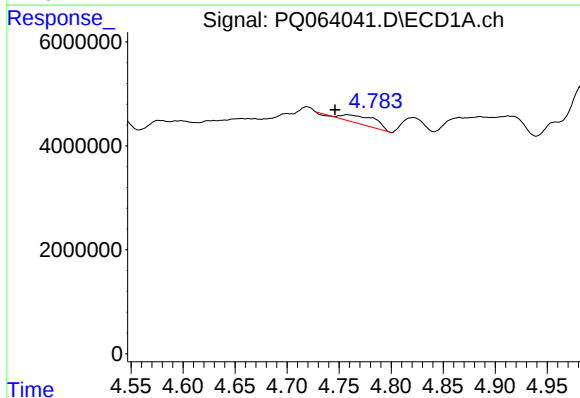
R.T.: 4.598 min
Delta R.T.: 0.004 min
Response: 1938884
Conc: 21.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



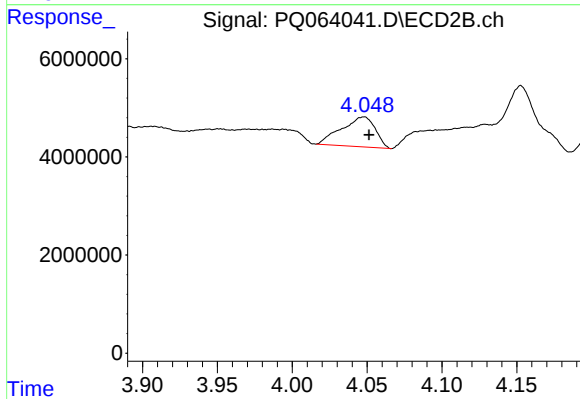
#13 AR-1232-3

R.T.: 3.969 min
Delta R.T.: 0.003 min
Response: 2069731
Conc: 49.99 ng/ml



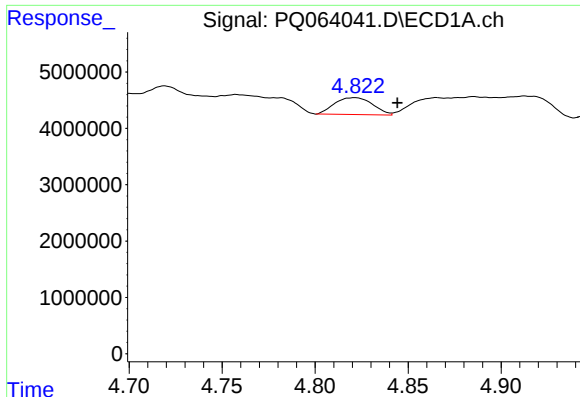
#14 AR-1232-4

R.T.: 4.758 min
Delta R.T.: 0.012 min
Response: 3754683
Conc: 85.87 ng/ml



#14 AR-1232-4

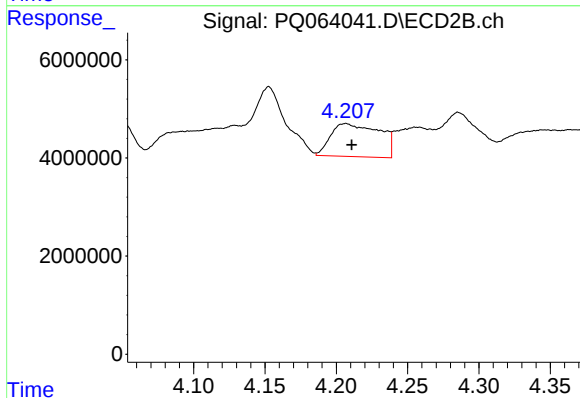
R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 9569153
Conc: 263.49 ng/ml



#15 AR-1232-5

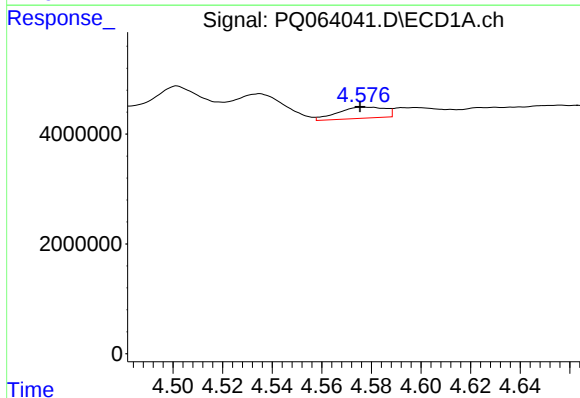
R.T.: 4.821 min
Delta R.T.: -0.023 min
Response: 4294427
Conc: 128.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



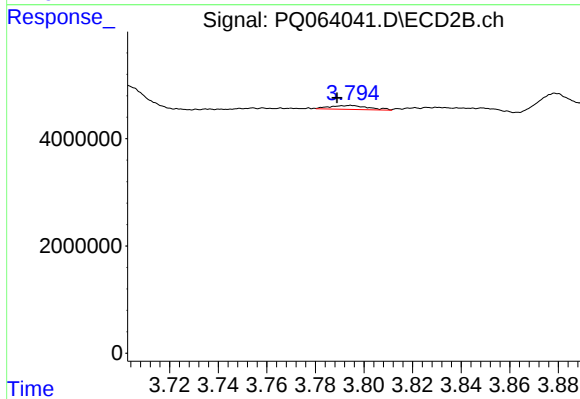
#15 AR-1232-5

R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 16041973
Conc: 381.79 ng/ml



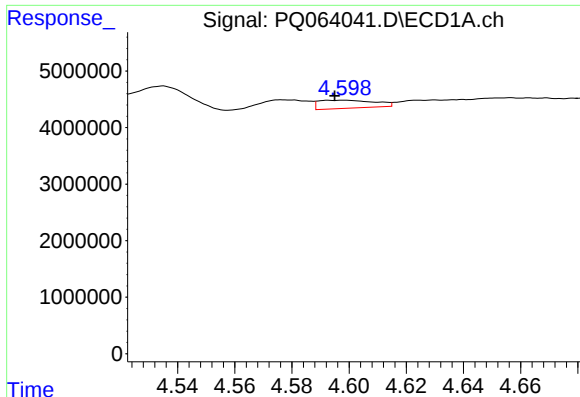
#16 AR-1242-1

R.T.: 4.577 min
Delta R.T.: 0.001 min
Response: 2680325
Conc: 23.79 ng/ml



#16 AR-1242-1

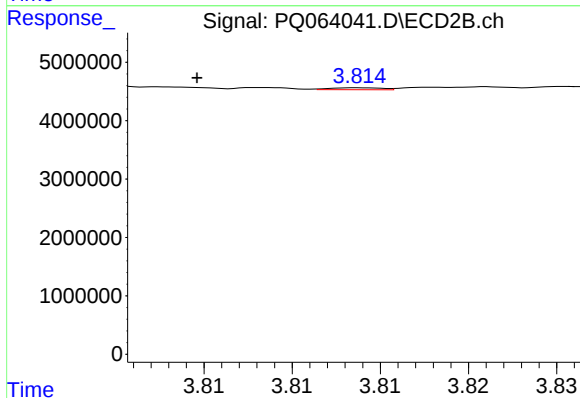
R.T.: 3.795 min
Delta R.T.: 0.006 min
Response: 816038
Conc: 7.93 ng/ml



#17 AR-1242-2

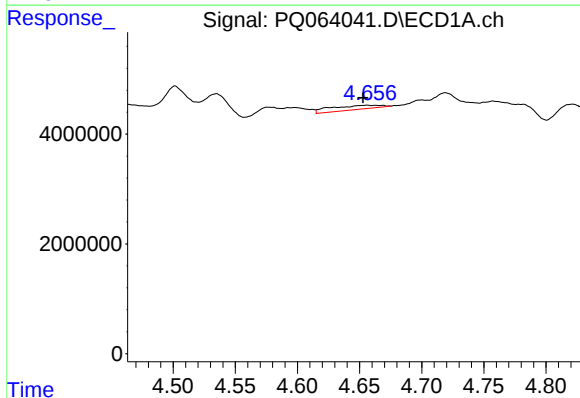
R.T.: 4.598 min
Delta R.T.: 0.003 min
Response: 1938884
Conc: 11.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



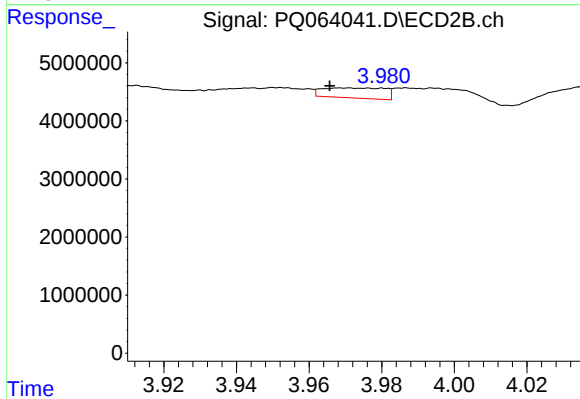
#17 AR-1242-2

R.T.: 3.814 min
Delta R.T.: 0.009 min
Response: 65708
Conc: 0.45 ng/ml



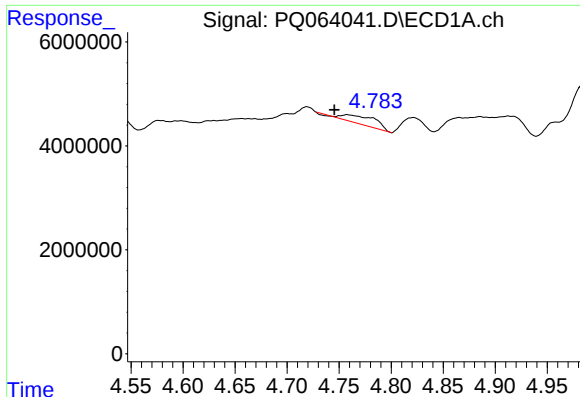
#18 AR-1242-3

R.T.: 4.656 min
Delta R.T.: 0.004 min
Response: 2119151
Conc: 20.08 ng/ml



#18 AR-1242-3

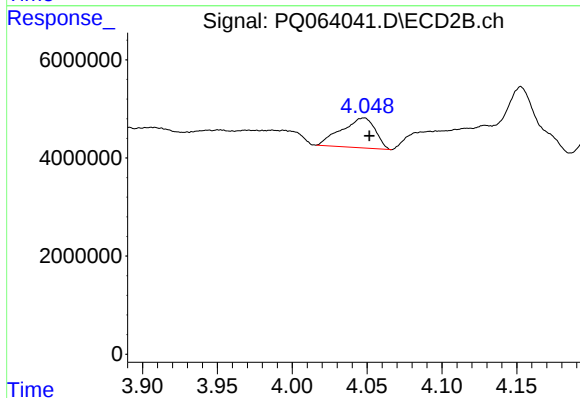
R.T.: 3.969 min
Delta R.T.: 0.003 min
Response: 2069731
Conc: 26.02 ng/ml



#19 AR-1242-4

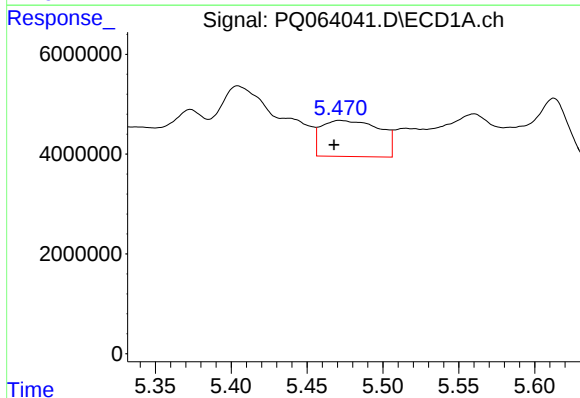
R.T.: 4.758 min
Delta R.T.: 0.012 min
Response: 3754683
Conc: 44.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



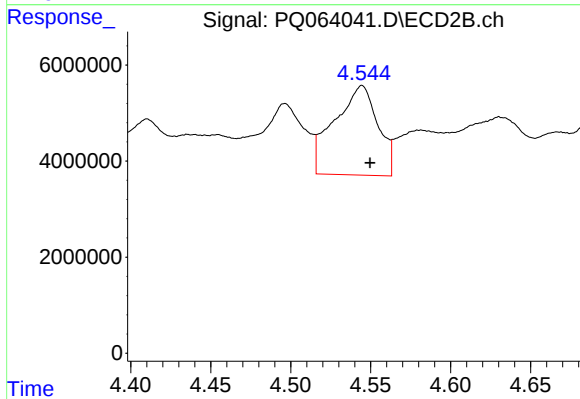
#19 AR-1242-4

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 9569153
Conc: 126.10 ng/ml



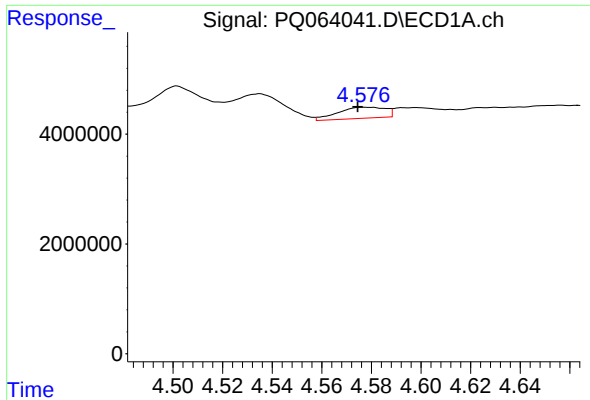
#20 AR-1242-5

R.T.: 5.472 min
Delta R.T.: 0.004 min
Response: 19324826
Conc: 218.55 ng/ml



#20 AR-1242-5

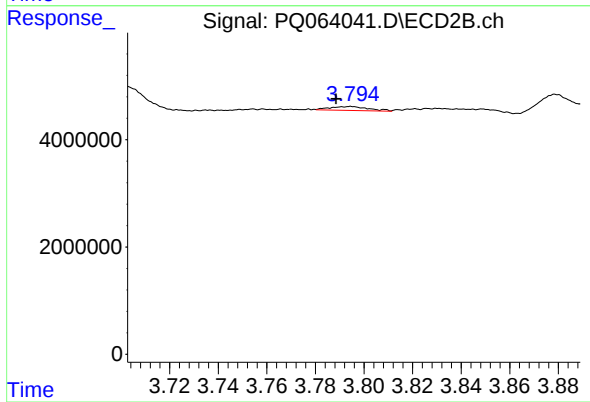
R.T.: 4.545 min
Delta R.T.: -0.005 min
Response: 35254886
Conc: 350.47 ng/ml



#21 AR-1248-1

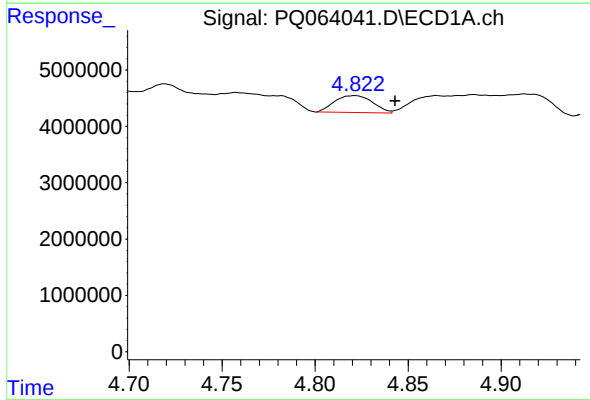
R.T.: 4.577 min
Delta R.T.: 0.002 min
Response: 2680325
Conc: 32.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



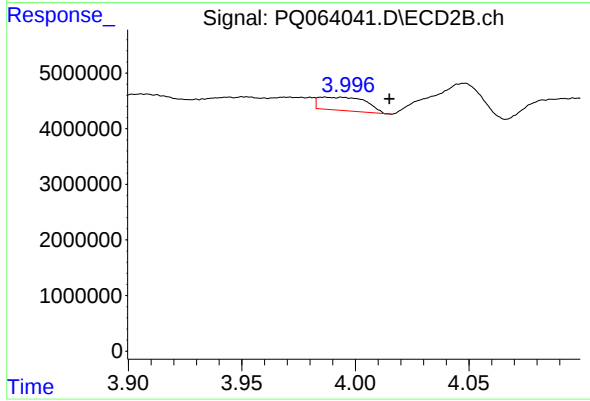
#21 AR-1248-1

R.T.: 3.795 min
Delta R.T.: 0.006 min
Response: 816038
Conc: 10.47 ng/ml



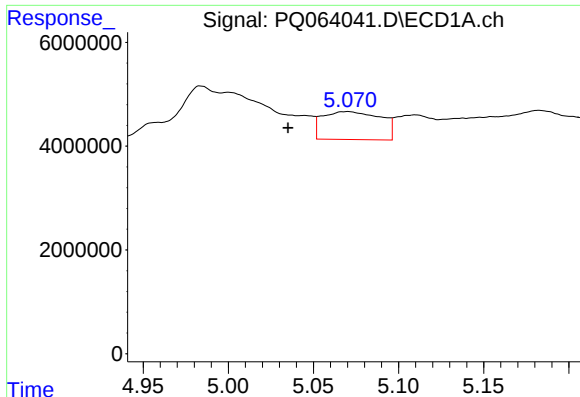
#22 AR-1248-2

R.T.: 4.821 min
Delta R.T.: -0.022 min
Response: 4294427
Conc: 35.38 ng/ml



#22 AR-1248-2

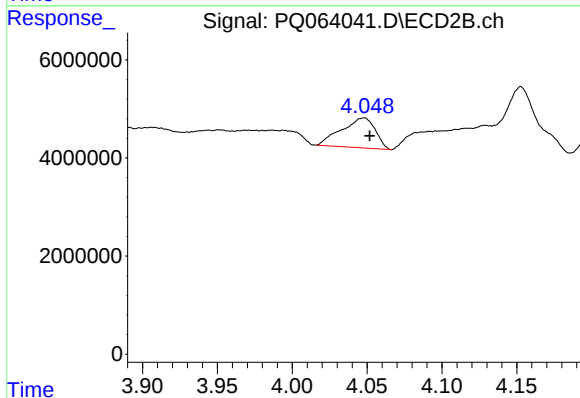
R.T.: 3.987 min
Delta R.T.: -0.028 min
Response: 3474292
Conc: 29.31 ng/ml



#23 AR-1248-3

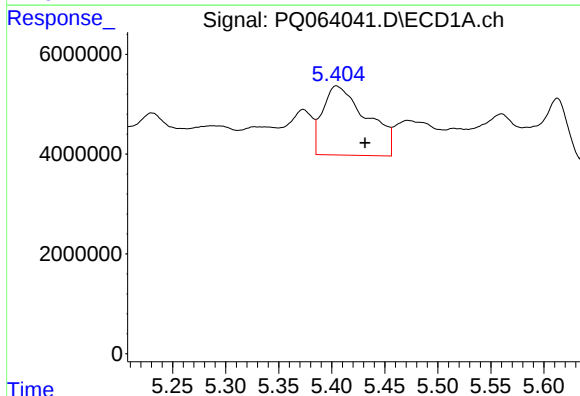
R.T.: 5.070 min
Delta R.T.: 0.035 min
Response: 12806272
Conc: 88.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



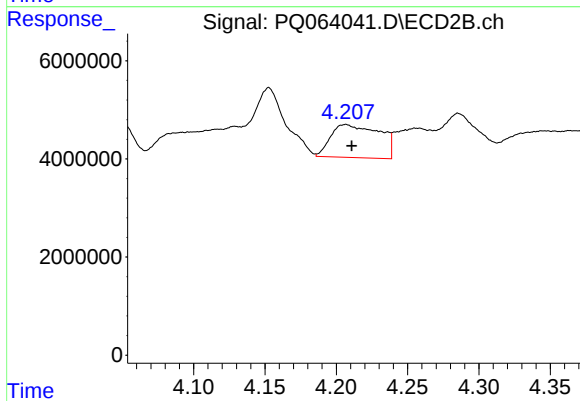
#23 AR-1248-3

R.T.: 4.048 min
Delta R.T.: -0.004 min
Response: 9569153
Conc: 84.94 ng/ml



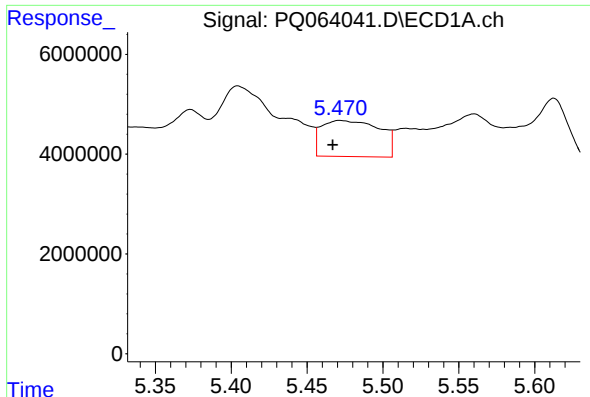
#24 AR-1248-4

R.T.: 5.404 min
Delta R.T.: -0.027 min
Response: 40184326
Conc: 259.30 ng/ml



#24 AR-1248-4

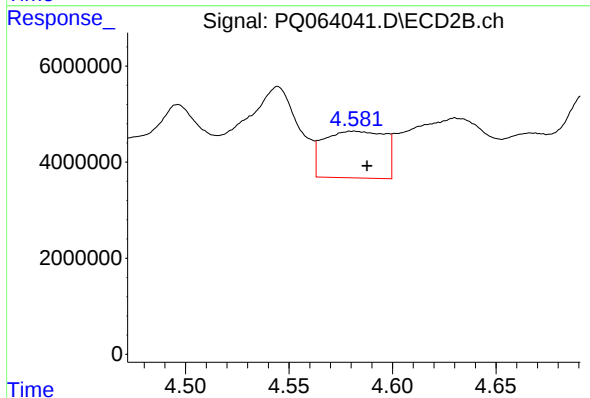
R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 16041973
Conc: 116.53 ng/ml



#25 AR-1248-5

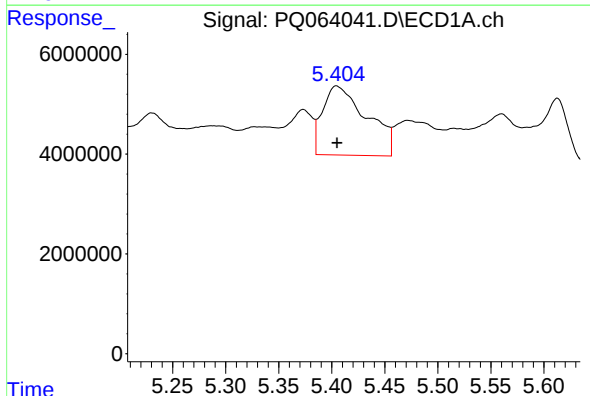
R.T.: 5.472 min
Delta R.T.: 0.005 min
Response: 19324826
Conc: 126.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



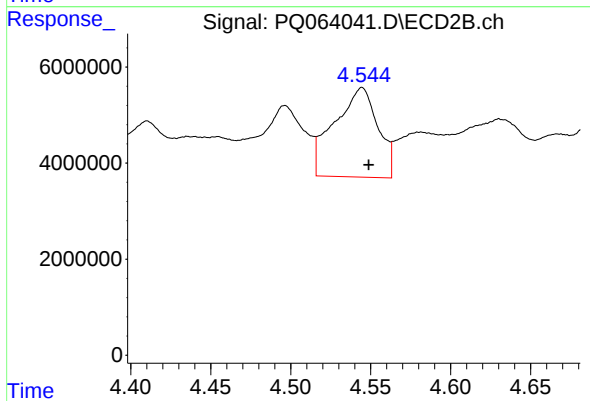
#25 AR-1248-5

R.T.: 4.582 min
Delta R.T.: -0.006 min
Response: 19980994
Conc: 148.81 ng/ml



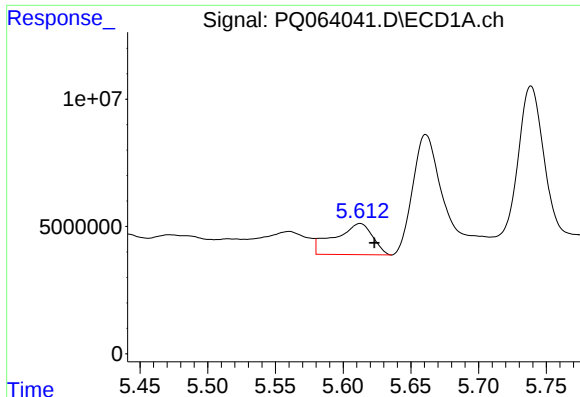
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 40184326
Conc: 256.03 ng/ml



#26 AR-1254-1

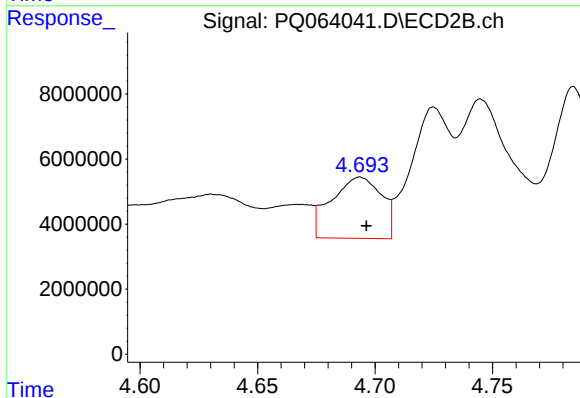
R.T.: 4.545 min
Delta R.T.: -0.004 min
Response: 35254886
Conc: 181.39 ng/ml



#27 AR-1254-2

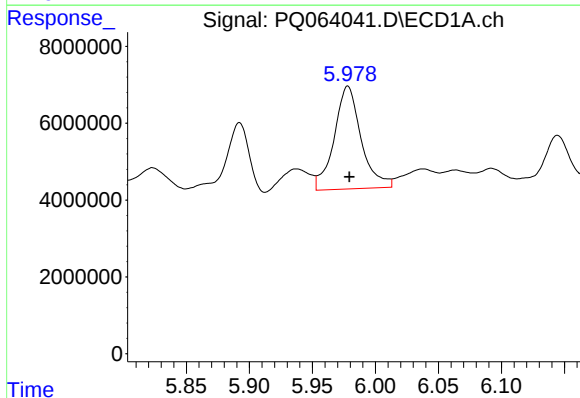
R.T.: 5.613 min
Delta R.T.: -0.011 min
Response: 23913786
Conc: 100.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



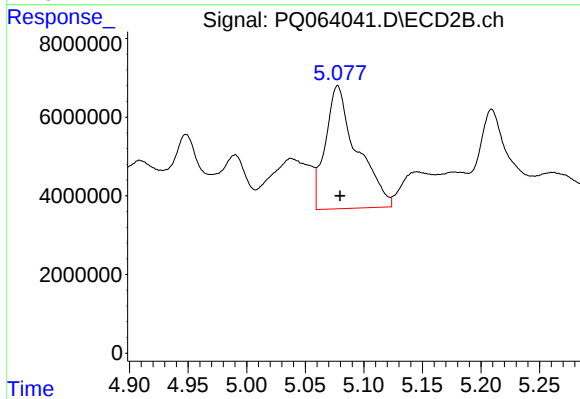
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 27903624
Conc: 160.18 ng/ml



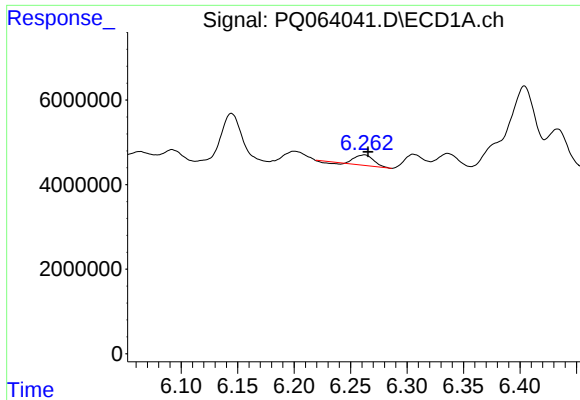
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: -0.001 min
Response: 39921458
Conc: 161.01 ng/ml



#28 AR-1254-3

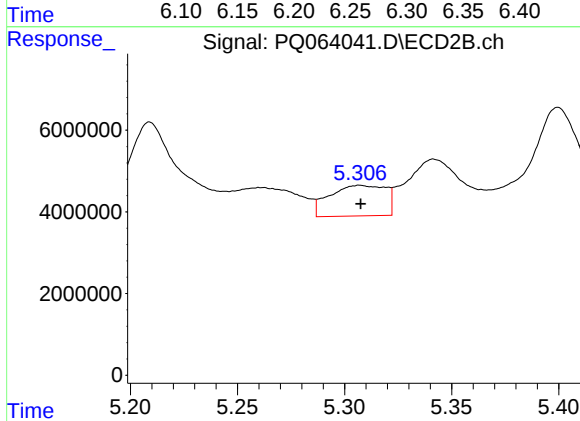
R.T.: 5.078 min
Delta R.T.: -0.002 min
Response: 58627577
Conc: 219.03 ng/ml



#29 AR-1254-4

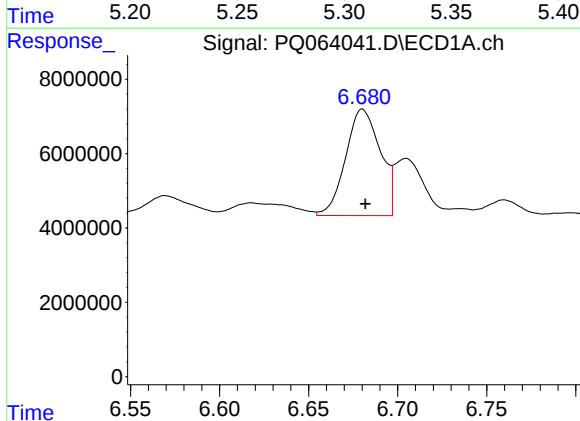
R.T.: 6.262 min
Delta R.T.: -0.003 min
Response: 2820480
Conc: 15.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



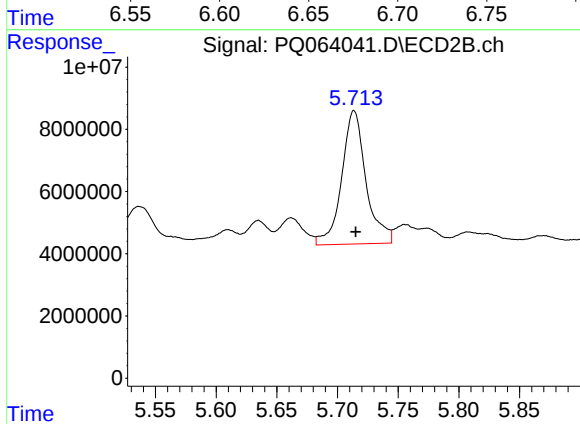
#29 AR-1254-4

R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 13555024
Conc: 77.27 ng/ml



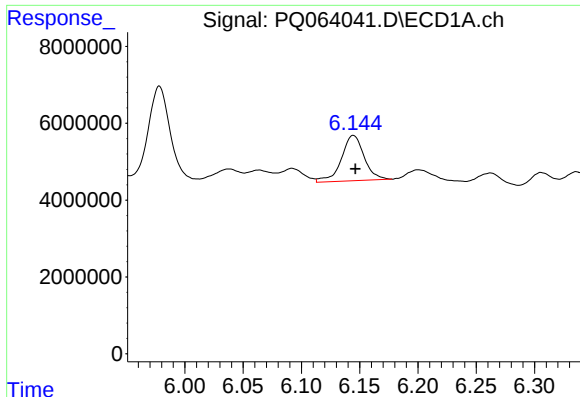
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 38857091
Conc: 194.81 ng/ml



#30 AR-1254-5

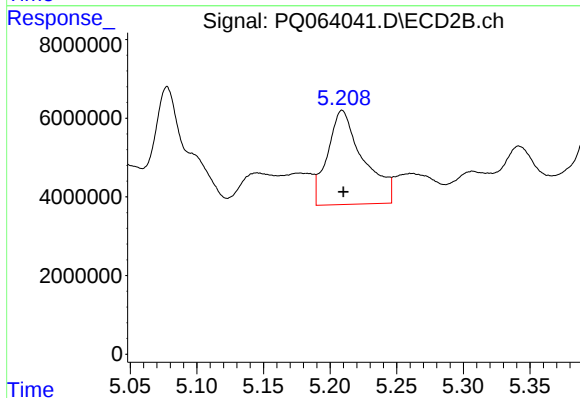
R.T.: 5.714 min
Delta R.T.: -0.001 min
Response: 59958496
Conc: 235.19 ng/ml



#31 AR-1260-1

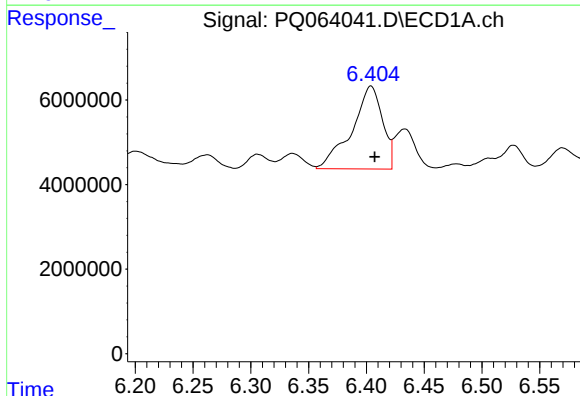
R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 16107869
Conc: 78.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



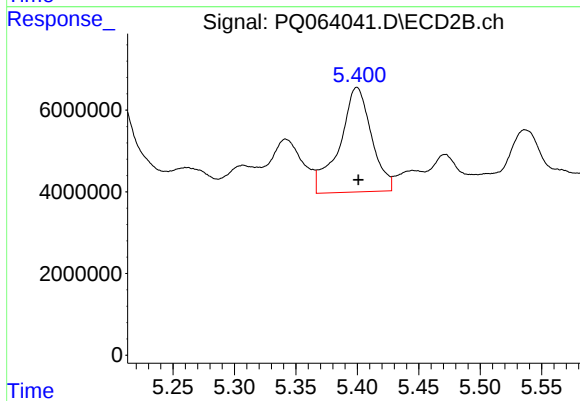
#31 AR-1260-1

R.T.: 5.209 min
Delta R.T.: -0.001 min
Response: 44656814
Conc: 225.77 ng/ml



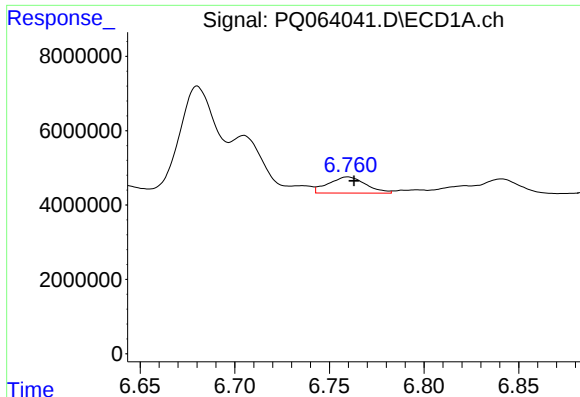
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 36319142
Conc: 150.35 ng/ml



#32 AR-1260-2

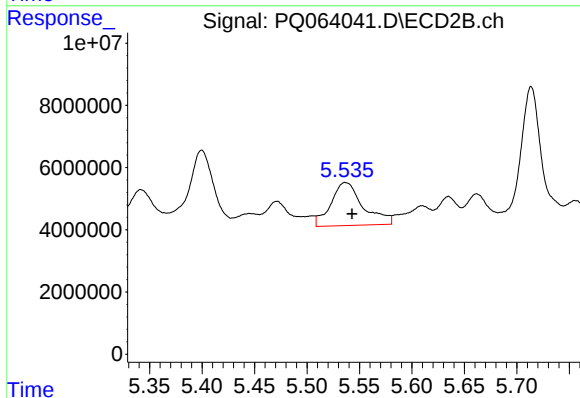
R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 46356280
Conc: 194.18 ng/ml



#33 AR-1260-3

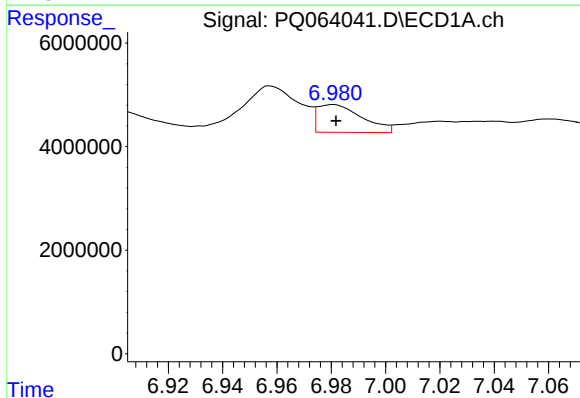
R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 5953669
Conc: 36.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



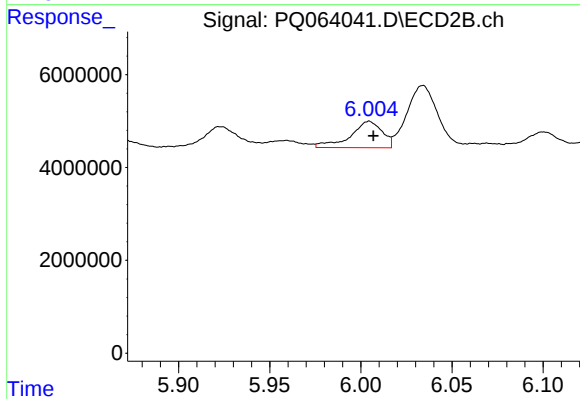
#33 AR-1260-3

R.T.: 5.536 min
Delta R.T.: -0.007 min
Response: 29571462
Conc: 130.92 ng/ml



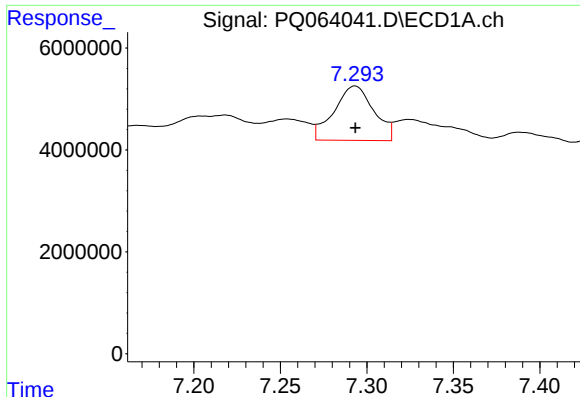
#34 AR-1260-4

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 6067986
Conc: 32.89 ng/ml



#34 AR-1260-4

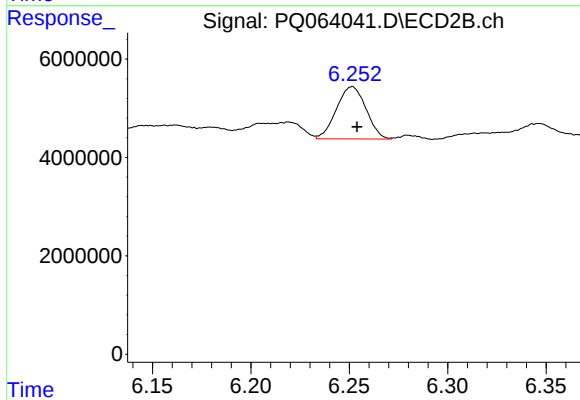
R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: 6910301
Conc: 40.16 ng/ml



#35 AR-1260-5

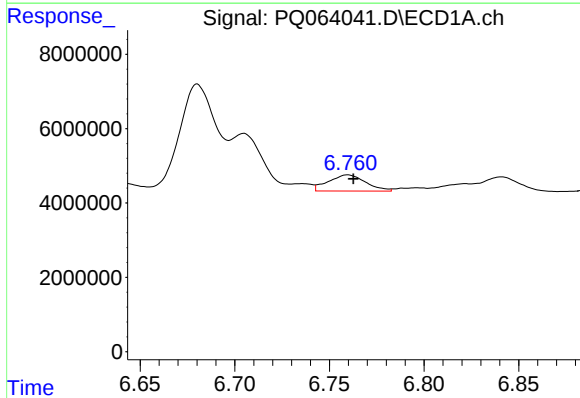
R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 17045019
Conc: 47.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



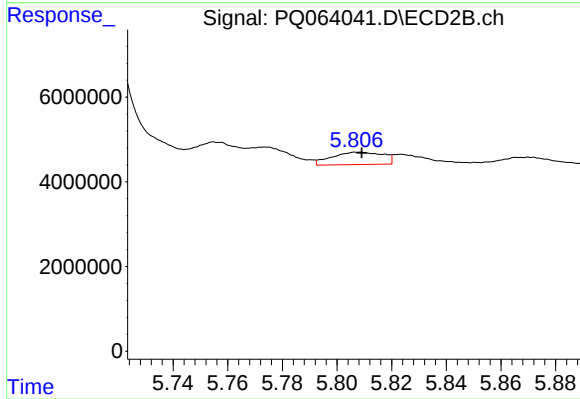
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 11133723
Conc: 27.90 ng/ml



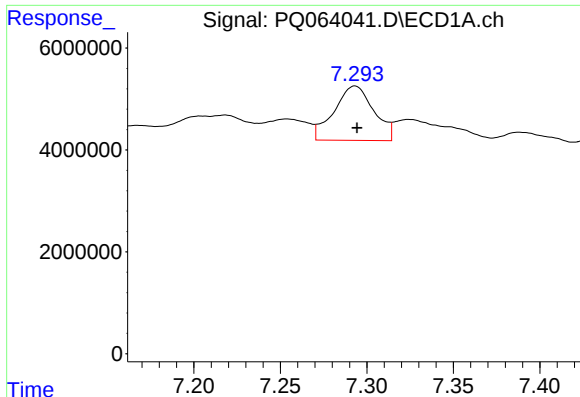
#36 AR-1262-1

R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 5953669
Conc: 22.78 ng/ml



#36 AR-1262-1

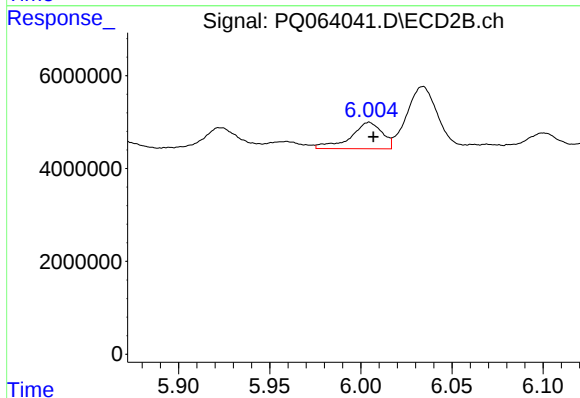
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 3789710
Conc: 34.62 ng/ml



#37 AR-1262-2

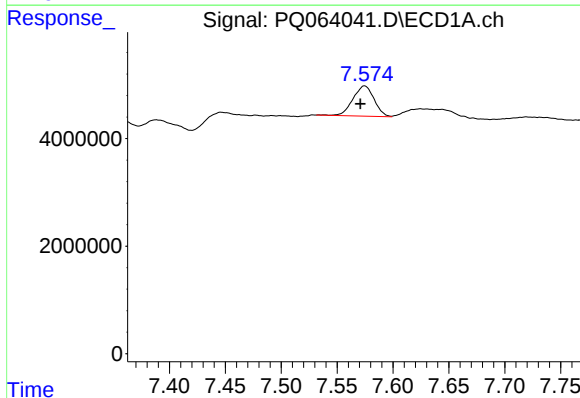
R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 17045019
Conc: 40.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



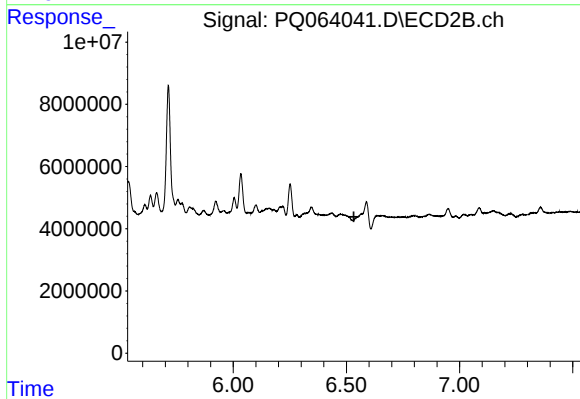
#37 AR-1262-2

R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: 6910301
Conc: 27.97 ng/ml



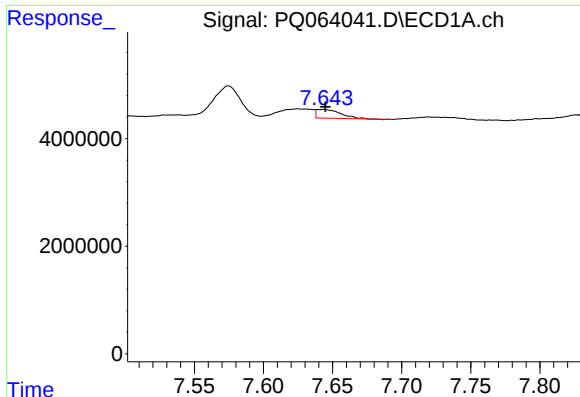
#38 AR-1262-3

R.T.: 7.575 min
Delta R.T.: 0.004 min
Response: 7439554
Conc: 25.96 ng/ml



#38 AR-1262-3

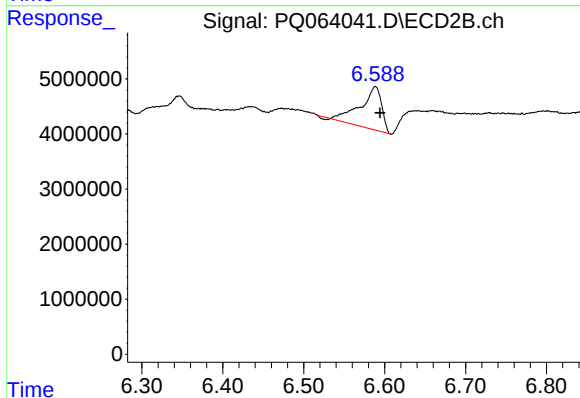
R.T.: 0.000 min
Exp R.T. : 6.533 min
Response: 0
Conc: N.D.



#39 AR-1262-4

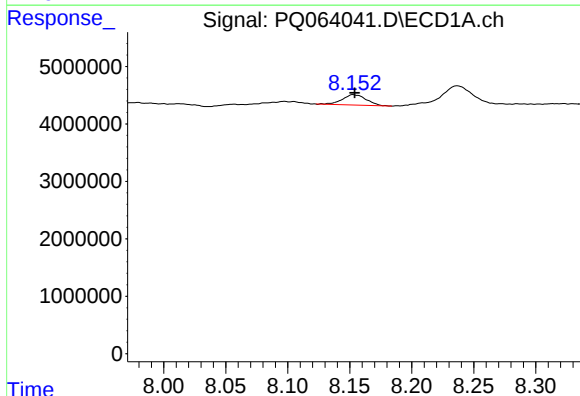
R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 1939779
Conc: 8.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



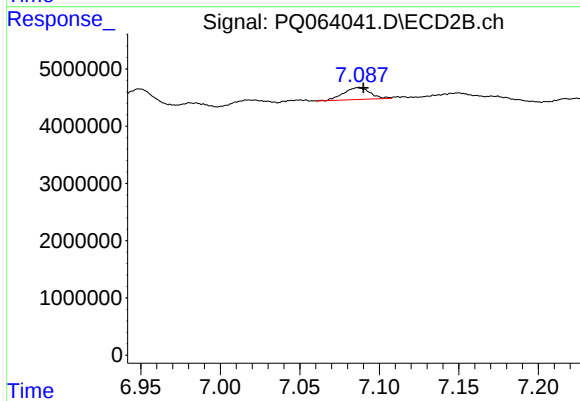
#39 AR-1262-4

R.T.: 6.589 min
Delta R.T.: -0.006 min
Response: 14319541
Conc: 38.43 ng/ml



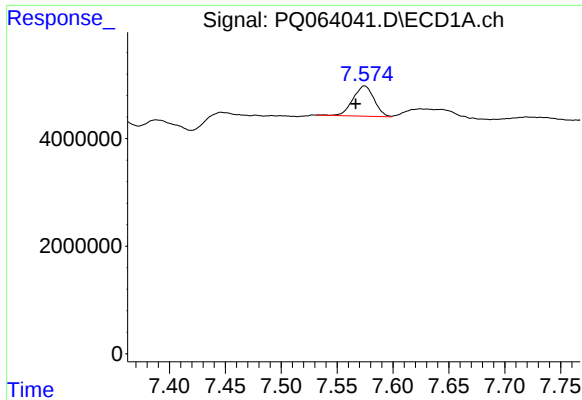
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 2448646
Conc: 17.19 ng/ml



#40 AR-1262-5

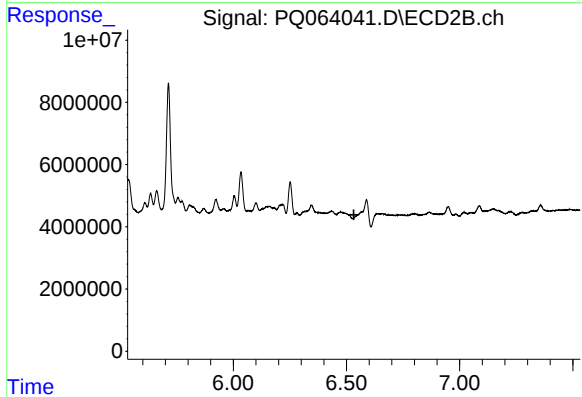
R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 2386250
Conc: 13.20 ng/ml



#41 AR-1268-1

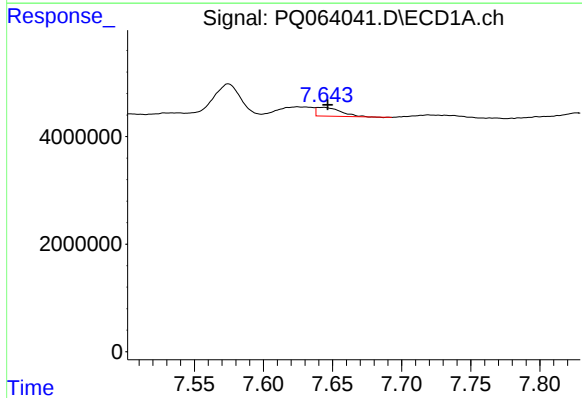
R.T.: 7.575 min
Delta R.T.: 0.008 min
Response: 7439554
Conc: 15.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



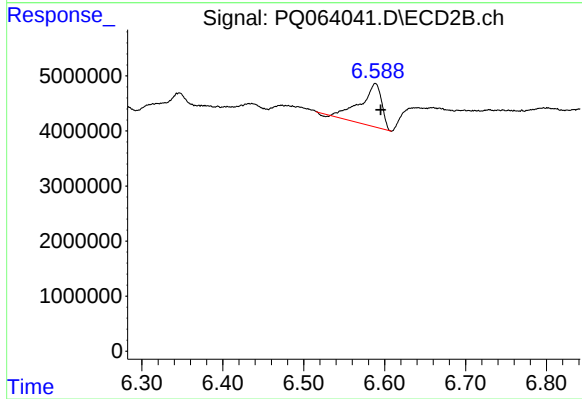
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.533 min
Response: 0
Conc: N.D.



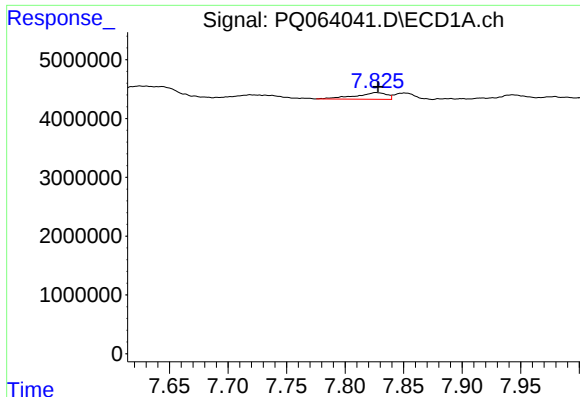
#42 AR-1268-2

R.T.: 7.643 min
Delta R.T.: -0.003 min
Response: 1939779
Conc: 4.33 ng/ml



#42 AR-1268-2

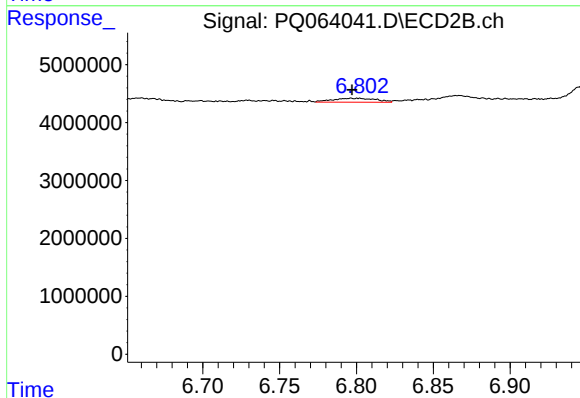
R.T.: 6.589 min
Delta R.T.: -0.007 min
Response: 14319541
Conc: 27.58 ng/ml



#43 AR-1268-3

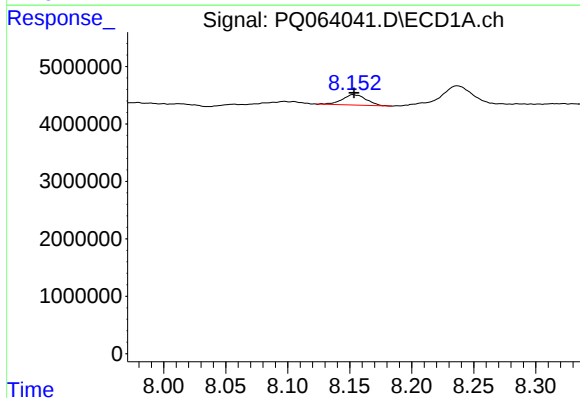
R.T.: 7.827 min
Delta R.T.: -0.002 min
Response: 2099761
Conc: 5.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



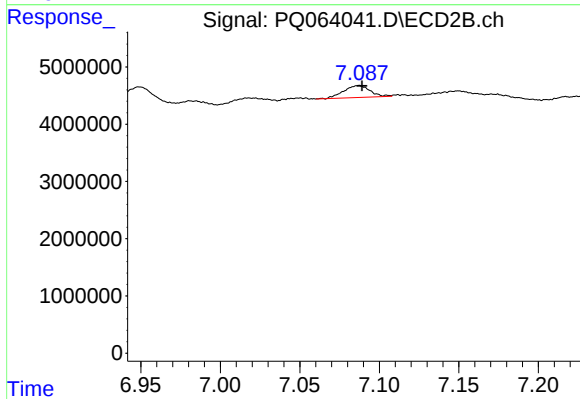
#43 AR-1268-3

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 1334687
Conc: 2.88 ng/ml



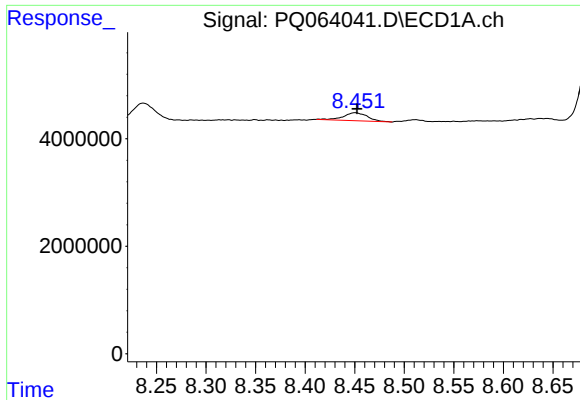
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 2448646
Conc: 15.66 ng/ml



#44 AR-1268-4

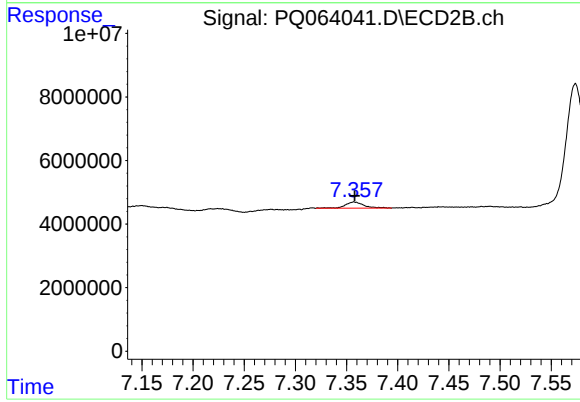
R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 2386250
Conc: 12.22 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 2553460
Conc: 2.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 2438396
Conc: 1.59 ng/ml