

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052623\
 Data File : PQ061286.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 14:08
 Operator : YP\AJ
 Sample : 02945-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 21:33:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 25 13:25:08 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...	3.404	2.760	73011385	47233549	14.571	16.350
2)	SA Decachlor...	8.585	7.535	40912956	36403346	10.577	9.997
Target Compounds							
4)	L1 AR-1016-2	4.529	3.780	818025	409418	3.114	2.513
5)	L1 AR-1016-3	4.598	3.944	2102224	1190001	12.807	13.947
6)	L1 AR-1016-4	4.653	3.994	715460	230939	5.363	3.095 #
7)	L1 AR-1016-5	4.969	4.193	826154	4566469	6.192	49.847 #
8)	L2 AR-1221-1	3.587	2.949	682152	60617	10.395	1.537 #
9)	L2 AR-1221-2	3.681	3.048	2242542	105072	45.720	3.495 #
10)	L2 AR-1221-3	3.764	3.109	1694304	109735	11.477	1.193 #
11)	L3 AR-1232-1	3.764	3.109	1694304	109735	15.228	1.612 #
12)	L3 AR-1232-2	4.252	3.776	1056890	230957	16.185	3.004 #
13)	L3 AR-1232-3	4.529	3.944	818025	1190001	6.692	29.696 #
14)	L3 AR-1232-4	4.653	4.023	715460	1567911	11.350	44.539 #
15)	L3 AR-1232-5	4.752	4.193	944151	4566469	20.959	110.292 #
17)	L4 AR-1242-2	4.529	3.780	818025	409418	3.976	3.249
18)	L4 AR-1242-3	4.598	3.944	2102224	1190001	16.164	17.589
19)	L4 AR-1242-4	4.653	4.023	715460	1567911	6.547	23.857 #
20)	L4 AR-1242-5	5.376	4.517	2013767	3201393	18.297	34.926 #
22)	L5 AR-1248-2	4.752	3.994	944151	230939	5.730	2.001 #
23)	L5 AR-1248-3	4.969	4.023	826154	1567911	4.113	14.175 #
24)	L5 AR-1248-4	5.376	4.193	2013767	4566469	8.867	33.361 #
25)	L5 AR-1248-5	5.376	4.562	2013767	418974	9.116	3.020 #
26)	L6 AR-1254-1	5.328	4.517	3673846	3201393	18.237	17.690
27)	L6 AR-1254-2	5.544	4.691	13753725	18180608	43.784	110.321 #
28)	L6 AR-1254-3	5.914	5.048	12434322	2125562	38.177	8.242 #
29)	L6 AR-1254-4	6.161	5.273	1680811	400190	6.928	2.449 #
30)	L6 AR-1254-5	6.620f	5.683	166.9E6	117.0E6	605.143	459.079
31)	L7 AR-1260-1	6.063	5.194	5339490	16940205	21.282	90.960 #
32)	L7 AR-1260-2	6.312	5.351	70461590	13741296	233.039	60.312 #
33)	L7 AR-1260-3	6.677	5.505	4145632	6550980	22.005	30.862 #
34)	L7 AR-1260-4	6.893	5.969	2573658	2770474	11.437	17.548 #
35)	L7 AR-1260-5	7.205	6.216	9521413	7378923	21.747	20.309
36)	L8 AR-1262-1	6.677	5.722	4145632	3772807	13.157	15.174
37)	L8 AR-1262-2	7.205	6.216	9521413	7378923	17.414	16.174
38)	L8 AR-1262-3	7.484	6.494	6773160	1910101	18.577	10.222 #
39)	L8 AR-1262-4	7.555	6.552	1994639	5742034	7.128	16.527 #
40)	L8 AR-1262-5	8.059	7.051	2432869	1699127	13.074	10.088
41)	L9 AR-1268-1	7.484	6.494	6773160	1910101	11.033	3.589 #
42)	L9 AR-1268-2	7.555	6.552	1994639	5742034	3.592	11.878 #
43)	L9 AR-1268-3	7.736	6.762	3381315	229110	7.301	0.547 #
44)	L9 AR-1268-4	8.059	7.051	2432869	1699127	11.986	9.178

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052623\
 Data File : PQ061286.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 14:08
 Operator : YP\AJ
 Sample : 02945-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 21:33:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 25 13:25:08 2023
 Response via : Initial Calibration
 Integrator: ChemStation

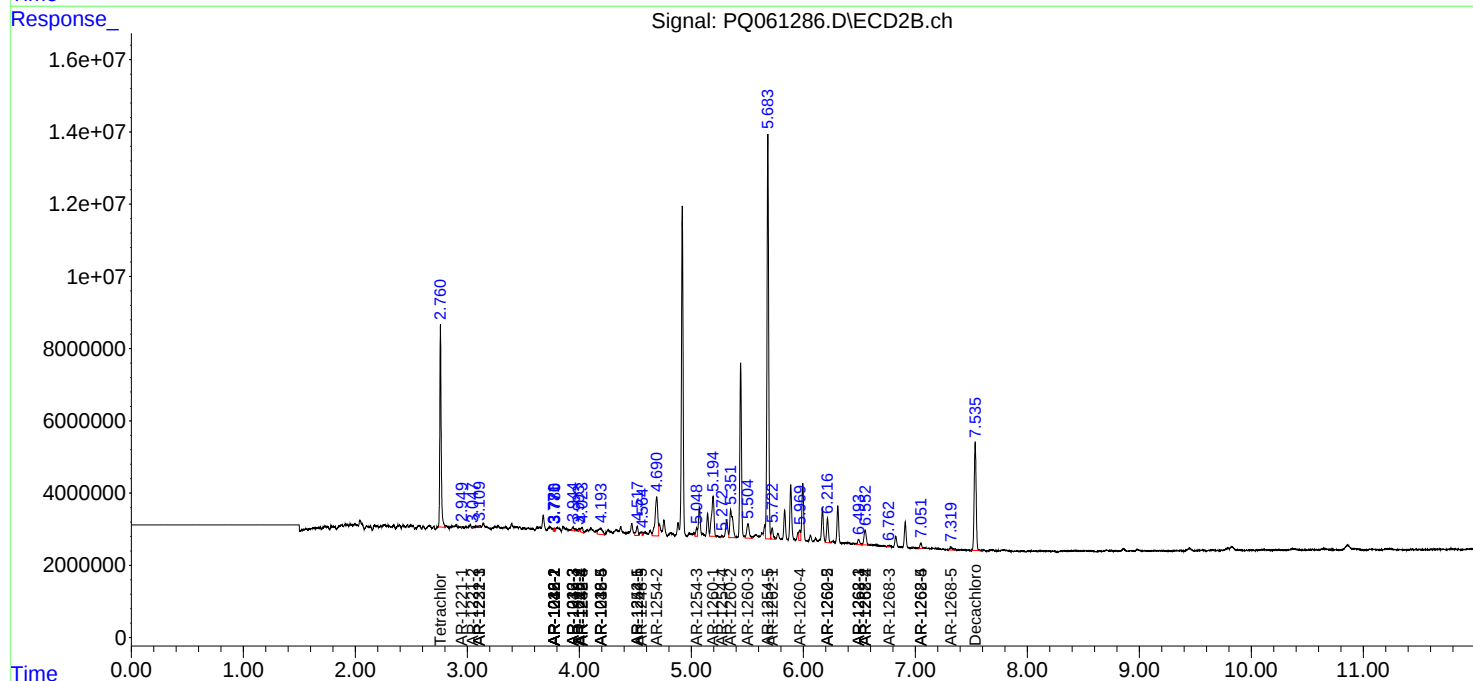
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

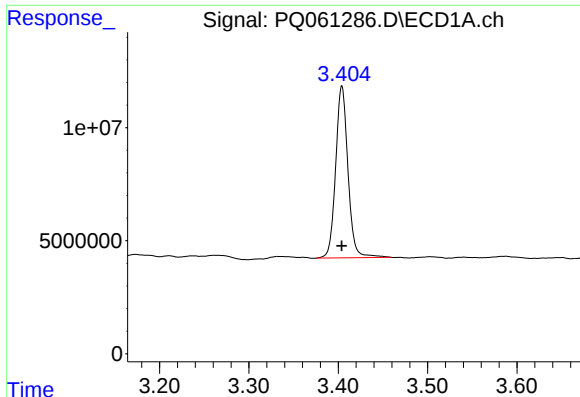
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	8.351	7.319	1099965	1281915	0.807	0.951

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

Instrument :
ECD_P
ClientSampleId :

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

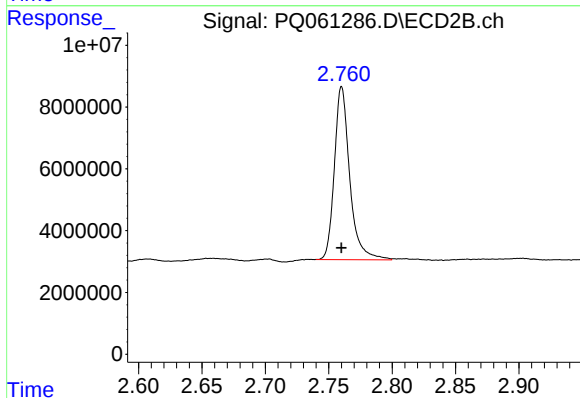




#1 Tetrachloro-m-xylene

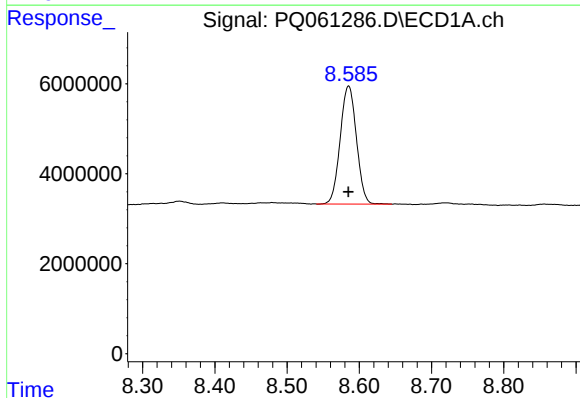
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 73011385
Conc: 14.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



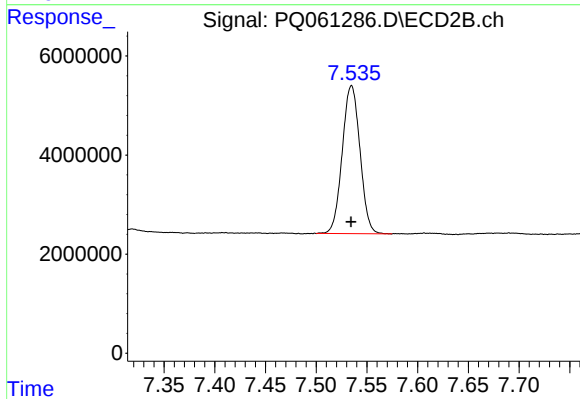
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 47233549
Conc: 16.35 ng/ml



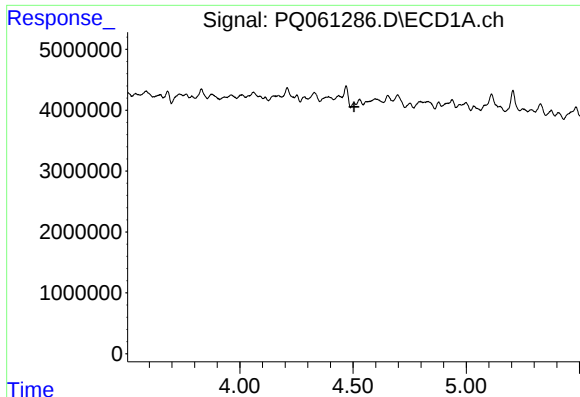
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 40912956
Conc: 10.58 ng/ml



#2 Decachlorobiphenyl

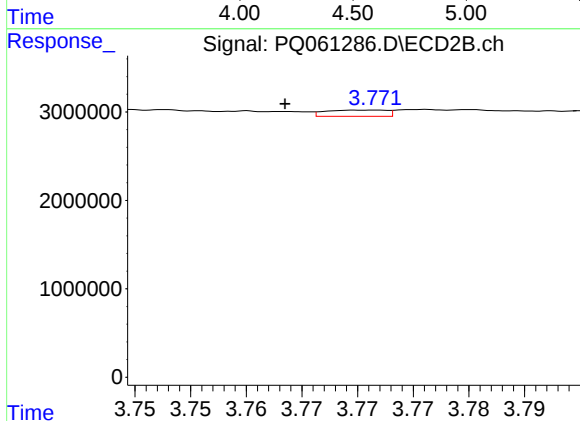
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 36403346
Conc: 10.00 ng/ml



#3 AR-1016-1

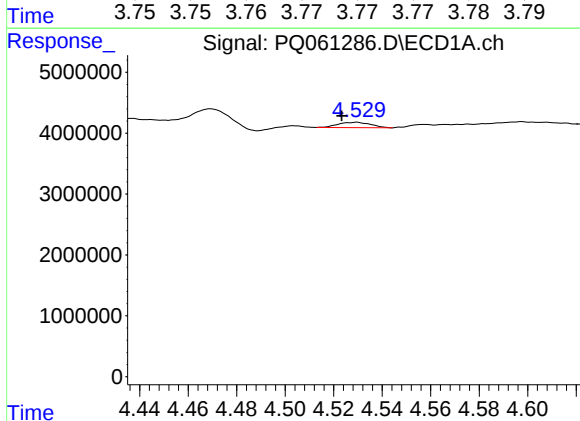
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: -1453459
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



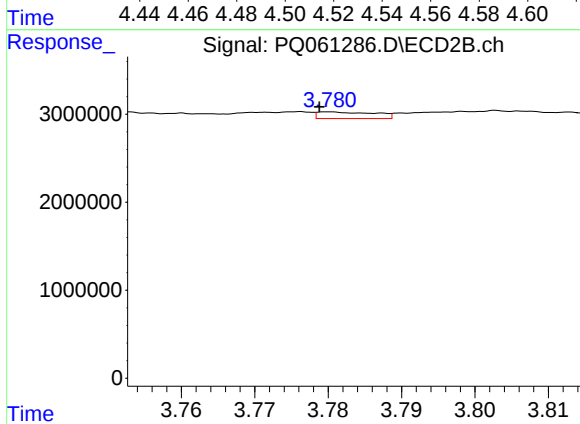
#3 AR-1016-1

R.T.: 3.772 min
Delta R.T.: 0.008 min
Response: 264526
Conc: 2.36 ng/ml



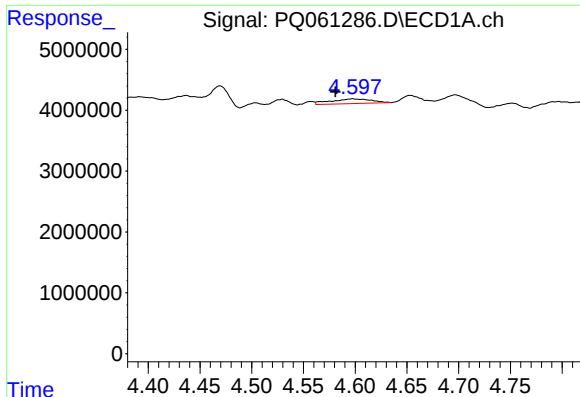
#4 AR-1016-2

R.T.: 4.529 min
Delta R.T.: 0.006 min
Response: 818025
Conc: 3.11 ng/ml



#4 AR-1016-2

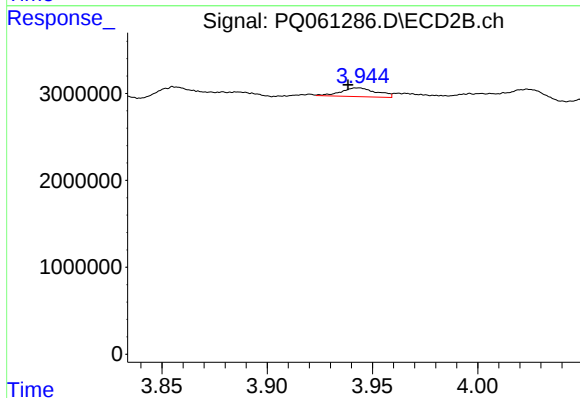
R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 409418
Conc: 2.51 ng/ml



#5 AR-1016-3

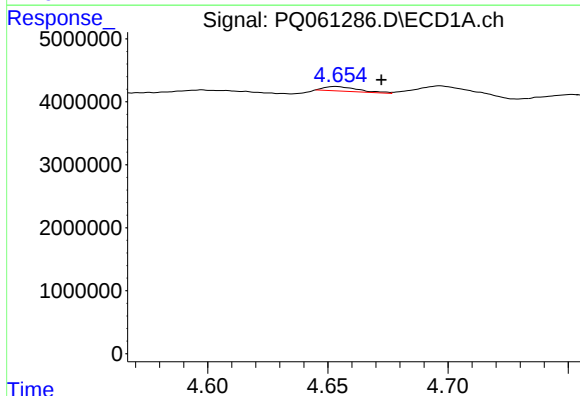
R.T.: 4.598 min
Delta R.T.: 0.017 min
Response: 2102224
Conc: 12.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



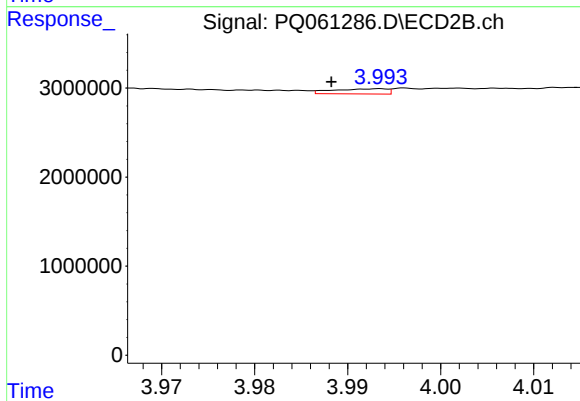
#5 AR-1016-3

R.T.: 3.944 min
Delta R.T.: 0.006 min
Response: 1190001
Conc: 13.95 ng/ml



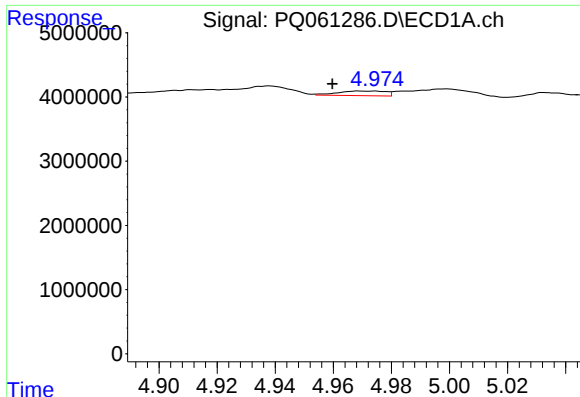
#6 AR-1016-4

R.T.: 4.653 min
Delta R.T.: -0.019 min
Response: 715460
Conc: 5.36 ng/ml



#6 AR-1016-4

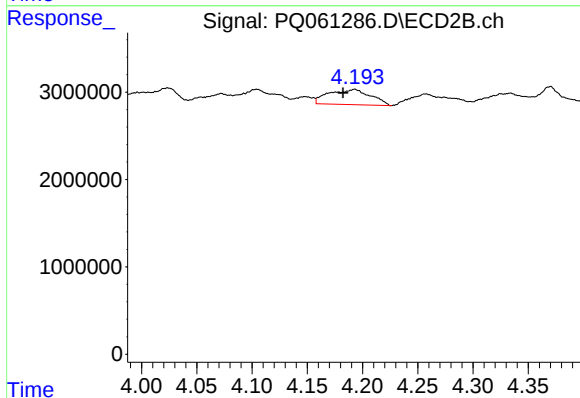
R.T.: 3.994 min
Delta R.T.: 0.005 min
Response: 230939
Conc: 3.09 ng/ml



#7 AR-1016-5

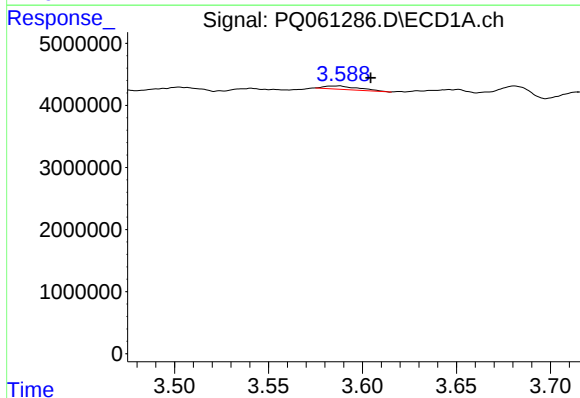
R.T.: 4.969 min
Delta R.T.: 0.010 min
Response: 826154
Conc: 6.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



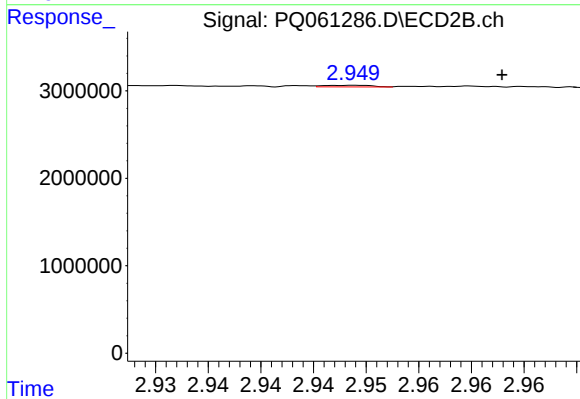
#7 AR-1016-5

R.T.: 4.193 min
Delta R.T.: 0.011 min
Response: 4566469
Conc: 49.85 ng/ml



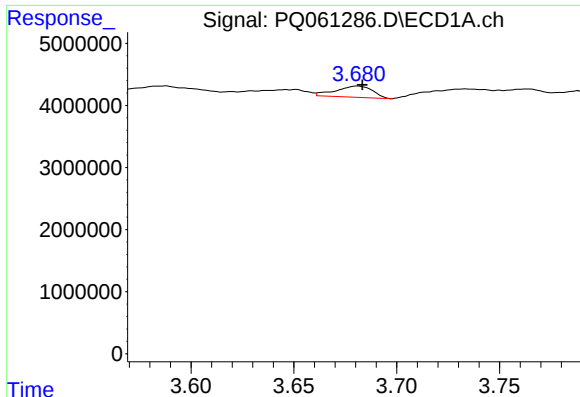
#8 AR-1221-1

R.T.: 3.587 min
Delta R.T.: -0.017 min
Response: 682152
Conc: 10.39 ng/ml



#8 AR-1221-1

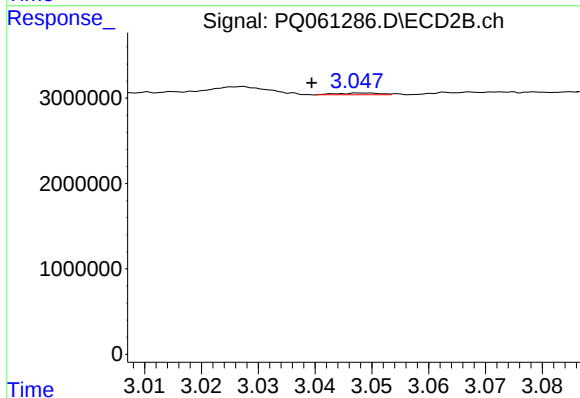
R.T.: 2.949 min
Delta R.T.: -0.014 min
Response: 60617
Conc: 1.54 ng/ml



#9 AR-1221-2

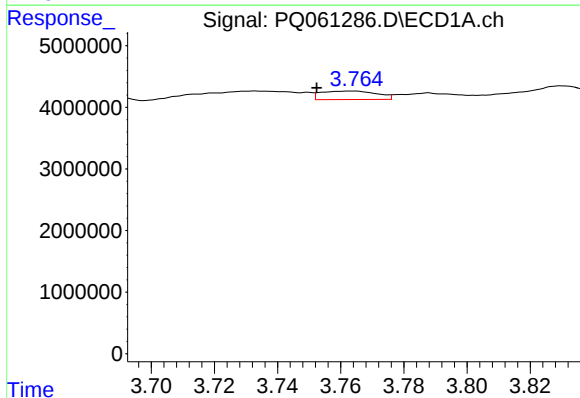
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 2242542
Conc: 45.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



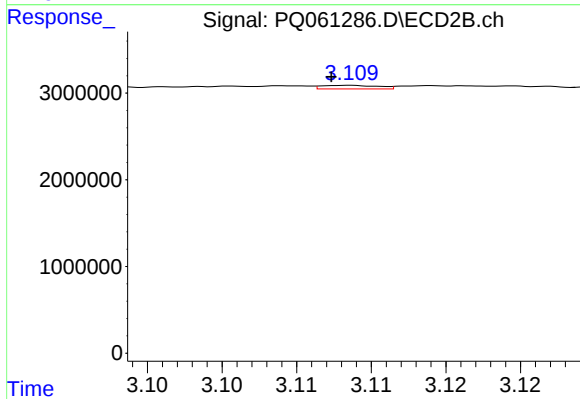
#9 AR-1221-2

R.T.: 3.048 min
Delta R.T.: 0.008 min
Response: 105072
Conc: 3.49 ng/ml



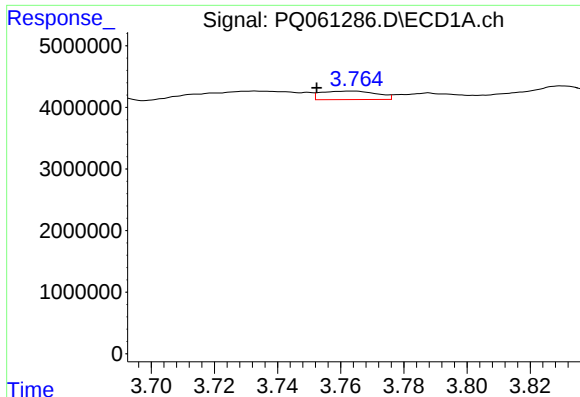
#10 AR-1221-3

R.T.: 3.764 min
Delta R.T.: 0.011 min
Response: 1694304
Conc: 11.48 ng/ml



#10 AR-1221-3

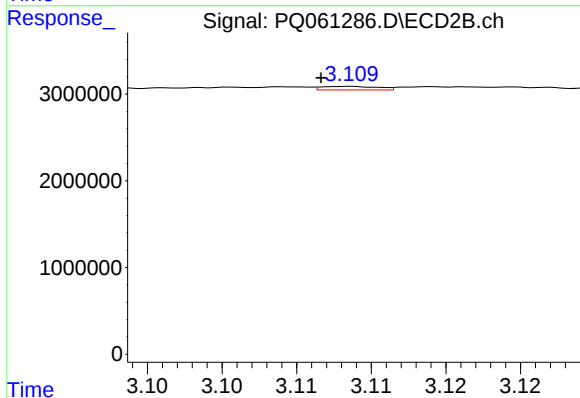
R.T.: 3.109 min
Delta R.T.: 0.001 min
Response: 109735
Conc: 1.19 ng/ml



#11 AR-1232-1

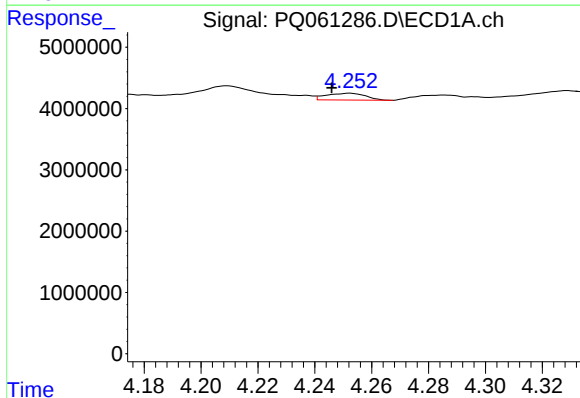
R.T.: 3.764 min
Delta R.T.: 0.011 min
Response: 1694304
Conc: 15.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



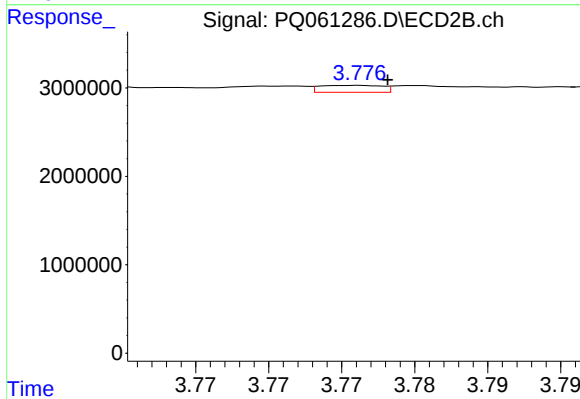
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: 0.002 min
Response: 109735
Conc: 1.61 ng/ml



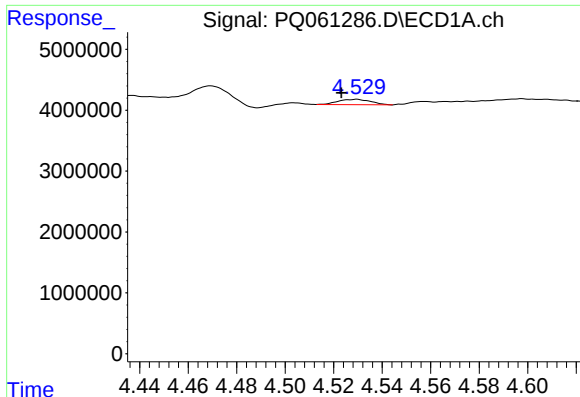
#12 AR-1232-2

R.T.: 4.252 min
Delta R.T.: 0.006 min
Response: 1056890
Conc: 16.19 ng/ml



#12 AR-1232-2

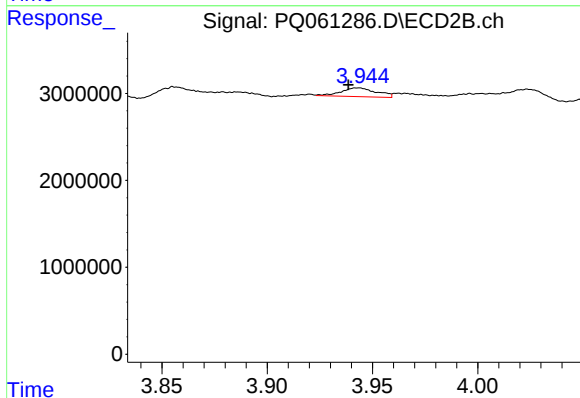
R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 230957
Conc: 3.00 ng/ml



#13 AR-1232-3

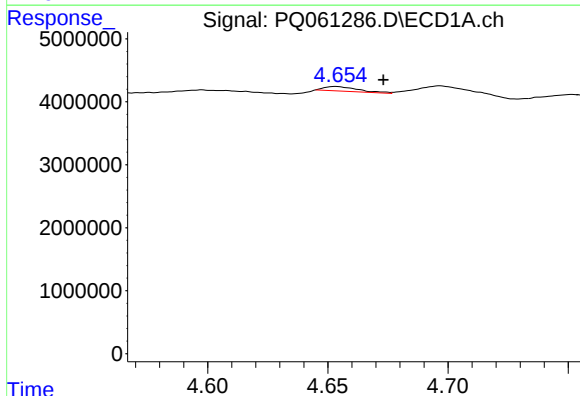
R.T.: 4.529 min
Delta R.T.: 0.006 min
Response: 818025
Conc: 6.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



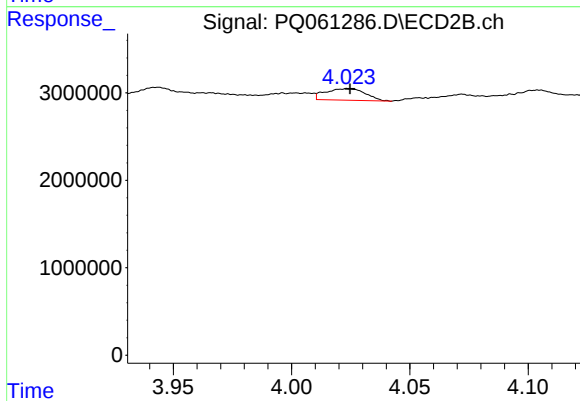
#13 AR-1232-3

R.T.: 3.944 min
Delta R.T.: 0.005 min
Response: 1190001
Conc: 29.70 ng/ml



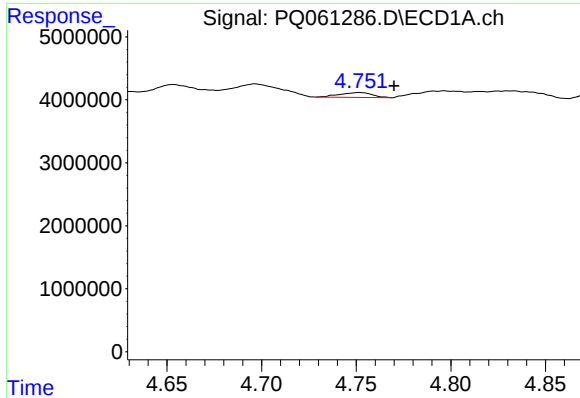
#14 AR-1232-4

R.T.: 4.653 min
Delta R.T.: -0.020 min
Response: 715460
Conc: 11.35 ng/ml



#14 AR-1232-4

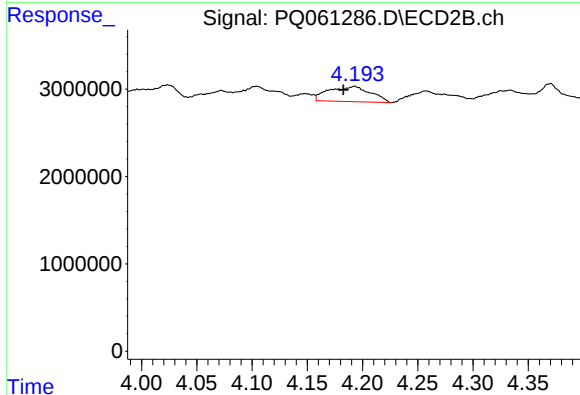
R.T.: 4.023 min
Delta R.T.: -0.001 min
Response: 1567911
Conc: 44.54 ng/ml



#15 AR-1232-5

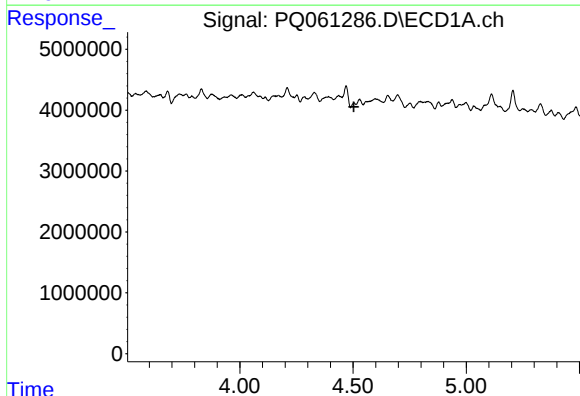
R.T.: 4.752 min
Delta R.T.: -0.018 min
Response: 944151
Conc: 20.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



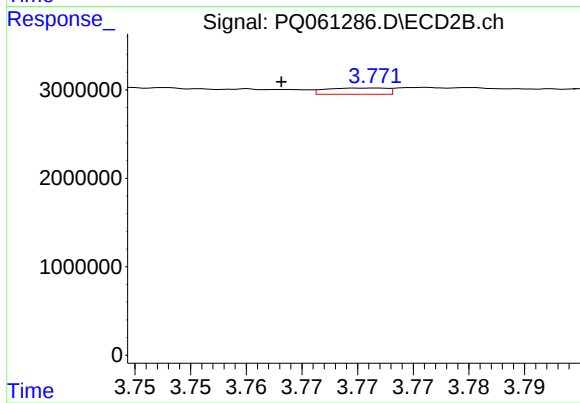
#15 AR-1232-5

R.T.: 4.193 min
Delta R.T.: 0.011 min
Response: 4566469
Conc: 110.29 ng/ml



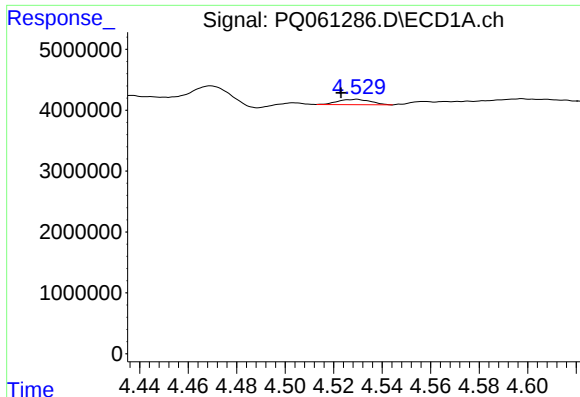
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: -1453459
Conc: N.D.



#16 AR-1242-1

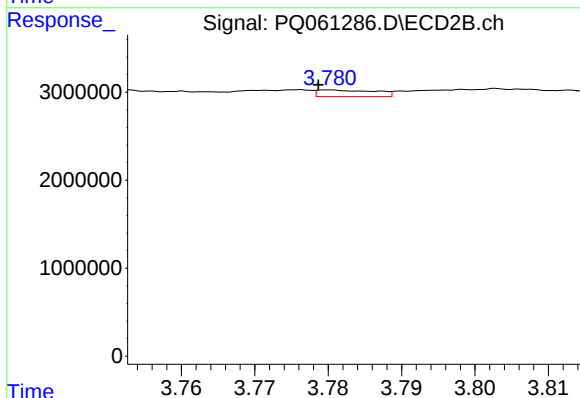
R.T.: 3.772 min
Delta R.T.: 0.009 min
Response: 264526
Conc: 2.99 ng/ml



#17 AR-1242-2

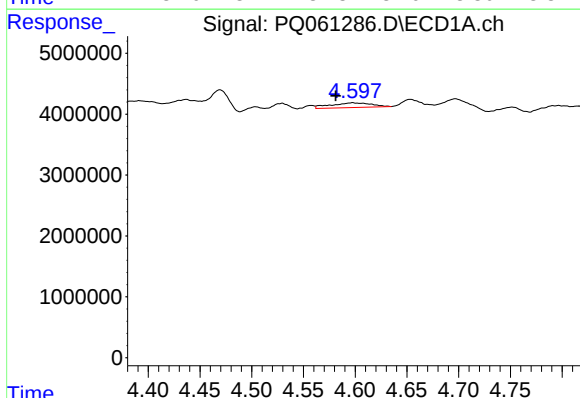
R.T.: 4.529 min
Delta R.T.: 0.006 min
Response: 818025
Conc: 3.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



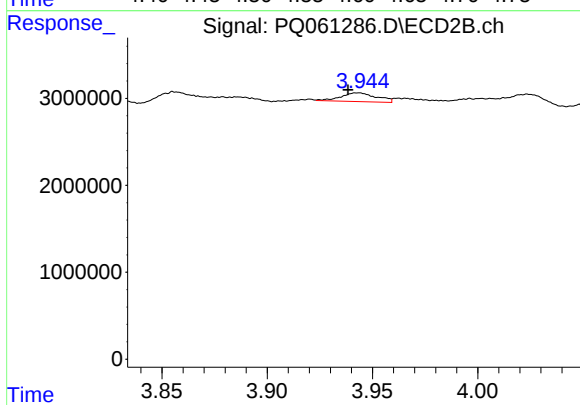
#17 AR-1242-2

R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 409418
Conc: 3.25 ng/ml



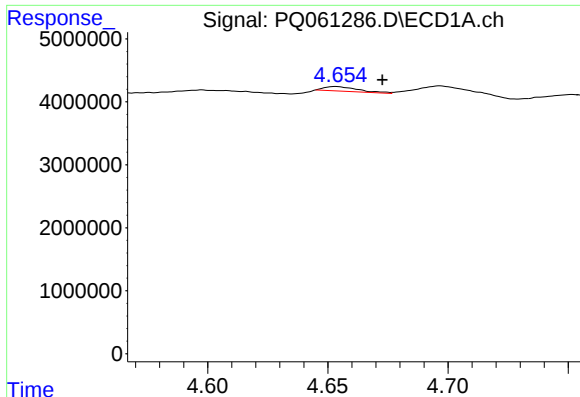
#18 AR-1242-3

R.T.: 4.598 min
Delta R.T.: 0.016 min
Response: 2102224
Conc: 16.16 ng/ml



#18 AR-1242-3

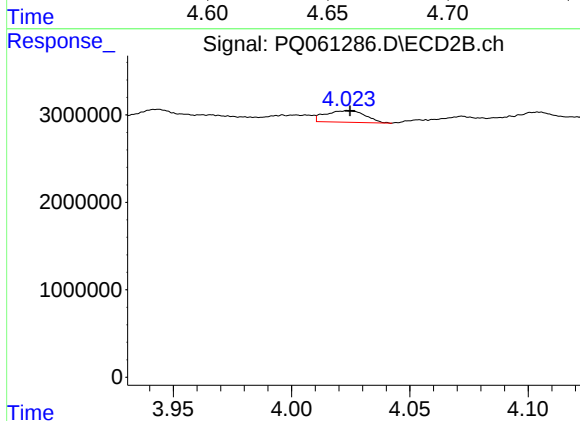
R.T.: 3.944 min
Delta R.T.: 0.006 min
Response: 1190001
Conc: 17.59 ng/ml



#19 AR-1242-4

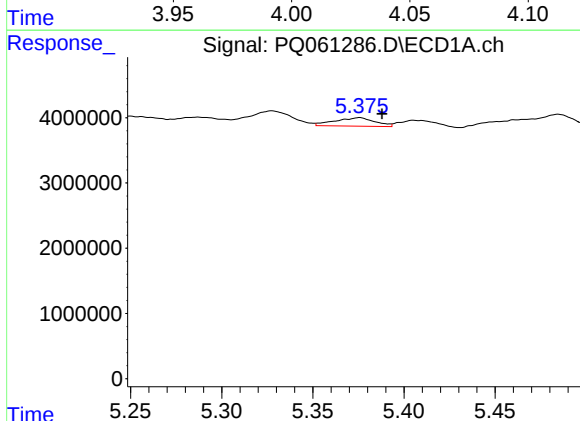
R.T.: 4.653 min
Delta R.T.: -0.019 min
Response: 715460
Conc: 6.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



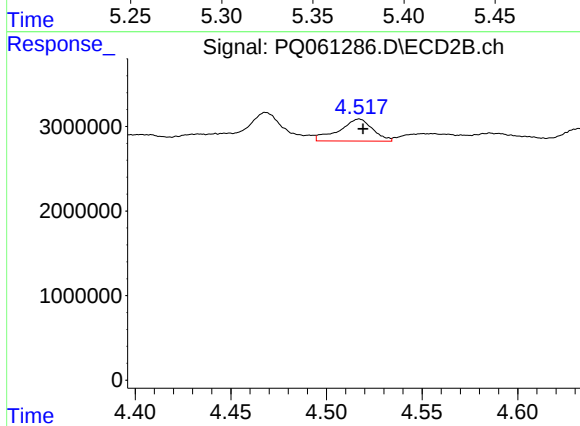
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.001 min
Response: 1567911
Conc: 23.86 ng/ml



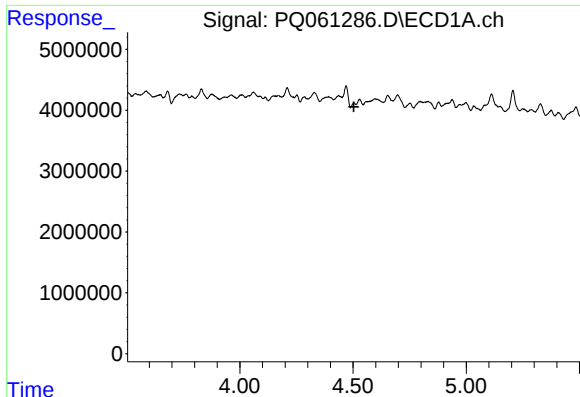
#20 AR-1242-5

R.T.: 5.376 min
Delta R.T.: -0.012 min
Response: 2013767
Conc: 18.30 ng/ml



#20 AR-1242-5

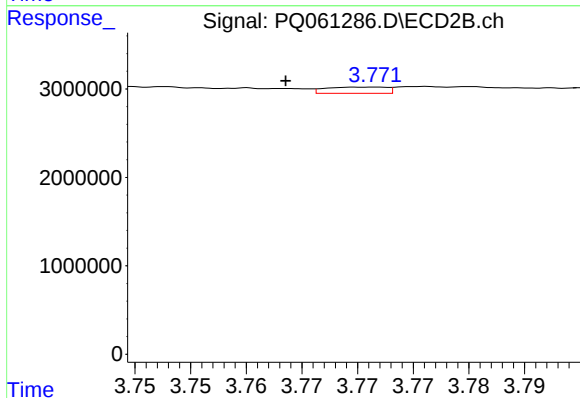
R.T.: 4.517 min
Delta R.T.: -0.002 min
Response: 3201393
Conc: 34.93 ng/ml



#21 AR-1248-1

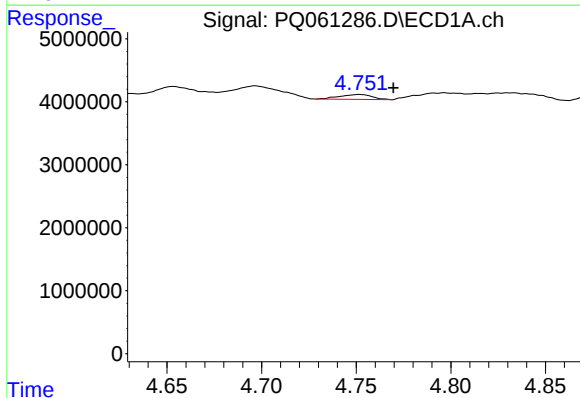
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: -1453459
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



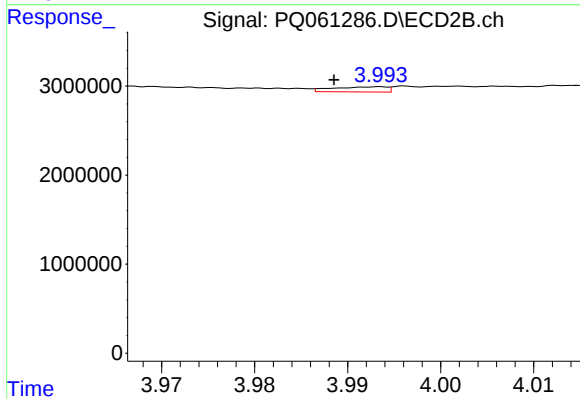
#21 AR-1248-1

R.T.: 3.772 min
Delta R.T.: 0.008 min
Response: 264526
Conc: 3.42 ng/ml



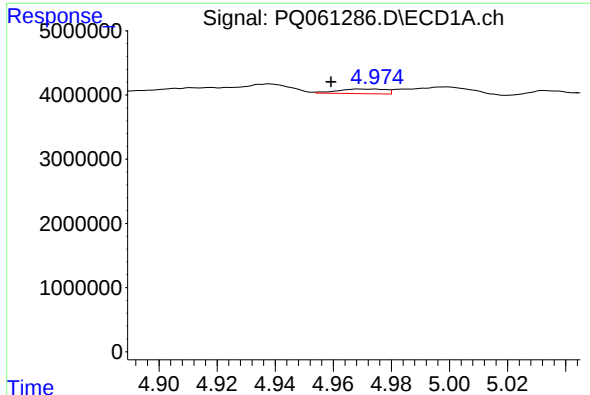
#22 AR-1248-2

R.T.: 4.752 min
Delta R.T.: -0.018 min
Response: 944151
Conc: 5.73 ng/ml



#22 AR-1248-2

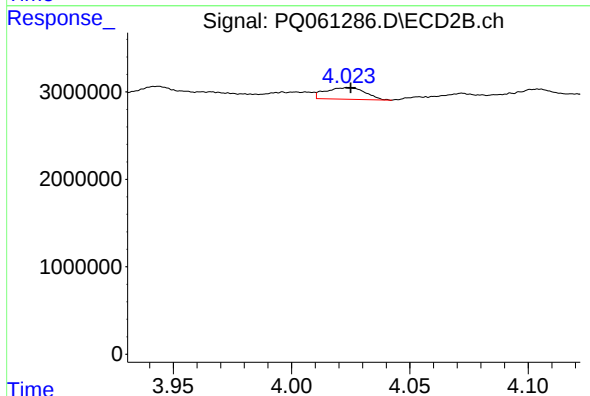
R.T.: 3.994 min
Delta R.T.: 0.005 min
Response: 230939
Conc: 2.00 ng/ml



#23 AR-1248-3

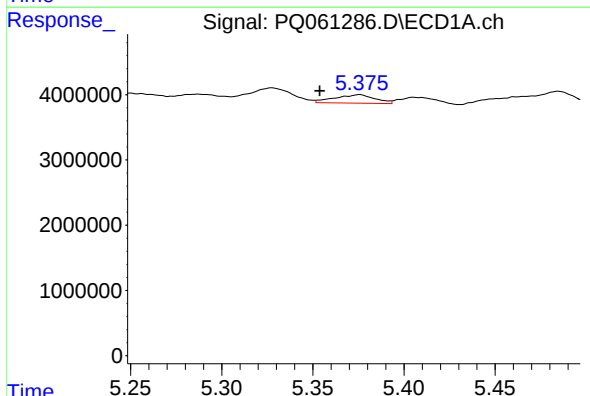
R.T.: 4.969 min
Delta R.T.: 0.010 min
Response: 826154
Conc: 4.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



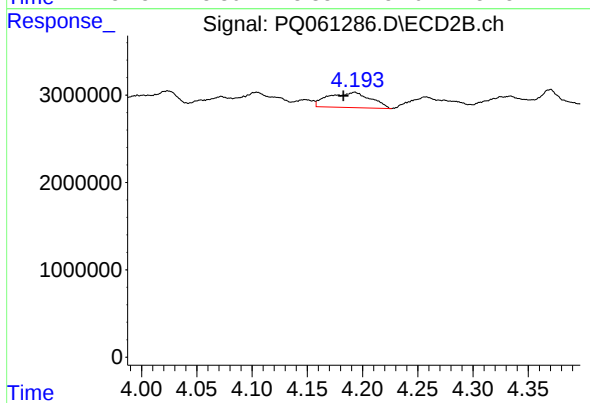
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 1567911
Conc: 14.18 ng/ml



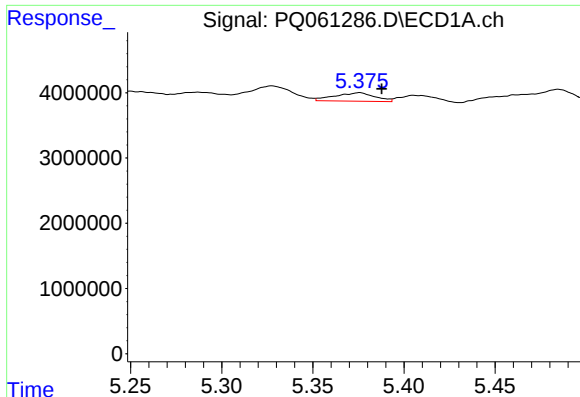
#24 AR-1248-4

R.T.: 5.376 min
Delta R.T.: 0.022 min
Response: 2013767
Conc: 8.87 ng/ml



#24 AR-1248-4

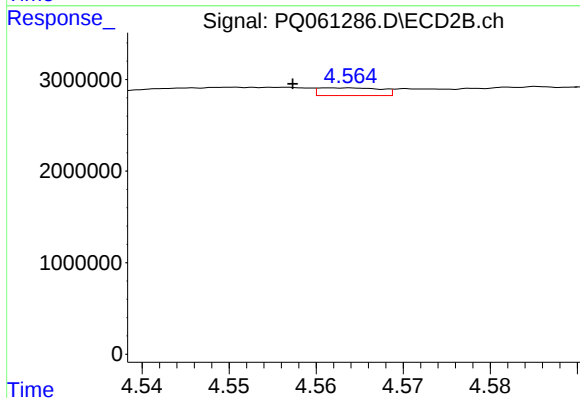
R.T.: 4.193 min
Delta R.T.: 0.010 min
Response: 4566469
Conc: 33.36 ng/ml



#25 AR-1248-5

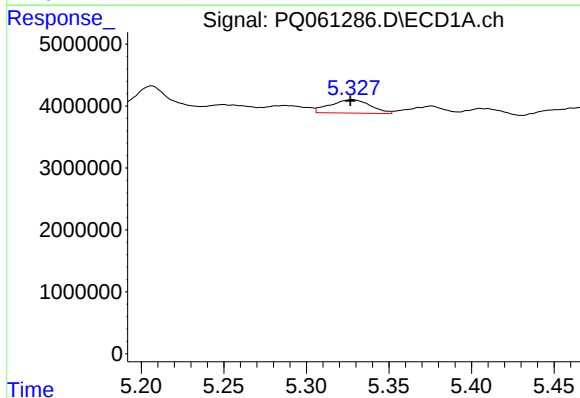
R.T.: 5.376 min
Delta R.T.: -0.012 min
Response: 2013767
Conc: 9.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



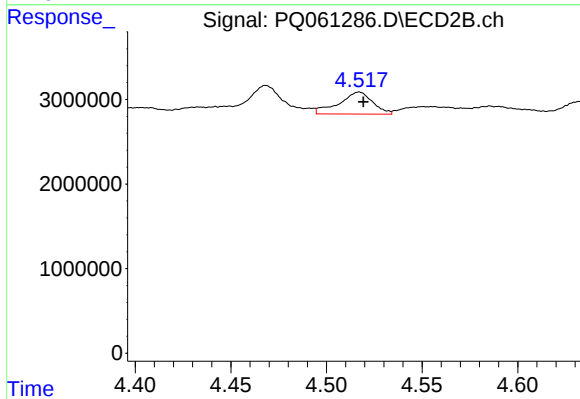
#25 AR-1248-5

R.T.: 4.562 min
Delta R.T.: 0.004 min
Response: 418974
Conc: 3.02 ng/ml



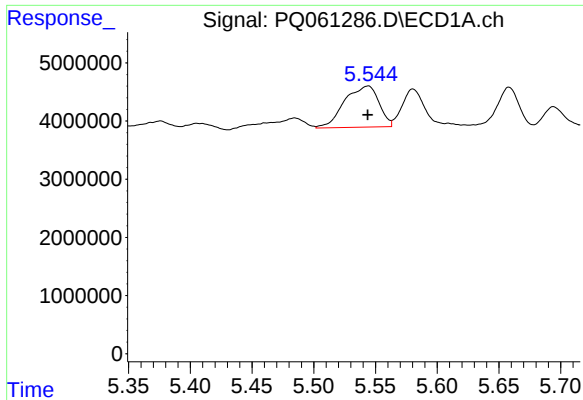
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 3673846
Conc: 18.24 ng/ml



#26 AR-1254-1

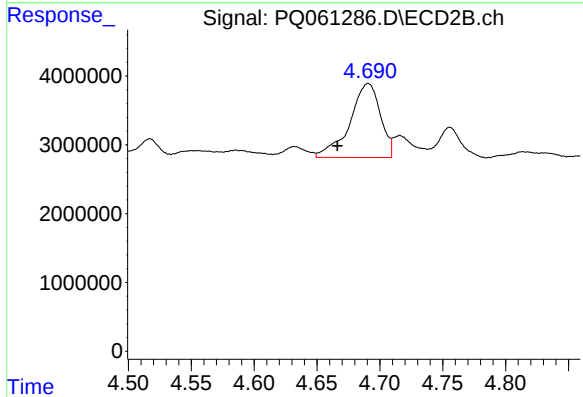
R.T.: 4.517 min
Delta R.T.: -0.002 min
Response: 3201393
Conc: 17.69 ng/ml



#27 AR-1254-2

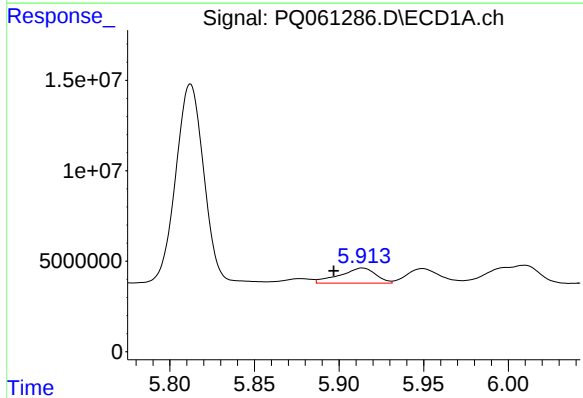
R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 13753725
Conc: 43.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



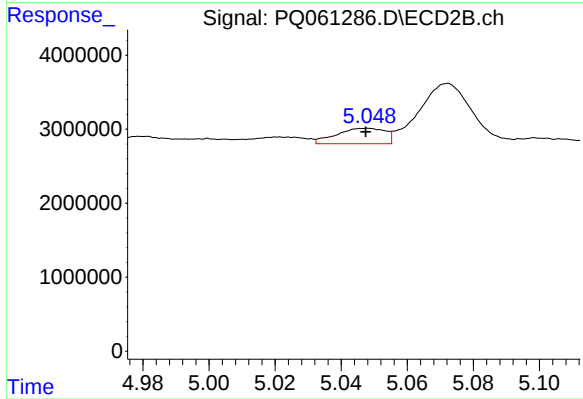
#27 AR-1254-2

R.T.: 4.691 min
Delta R.T.: 0.025 min
Response: 18180608
Conc: 110.32 ng/ml



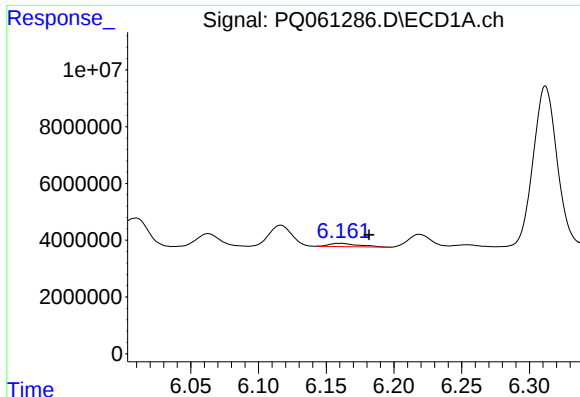
#28 AR-1254-3

R.T.: 5.914 min
Delta R.T.: 0.017 min
Response: 12434322
Conc: 38.18 ng/ml



#28 AR-1254-3

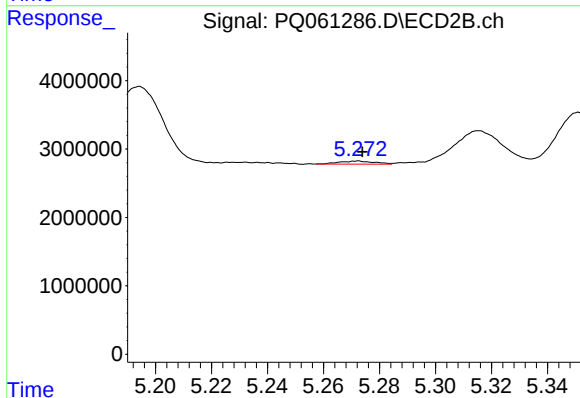
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 2125562
Conc: 8.24 ng/ml



#29 AR-1254-4

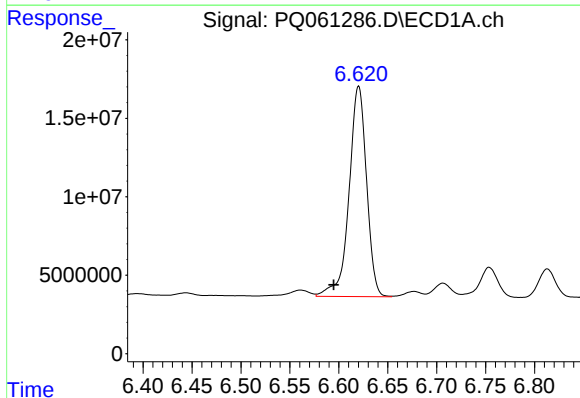
R.T.: 6.161 min
Delta R.T.: -0.021 min
Response: 1680811
Conc: 6.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



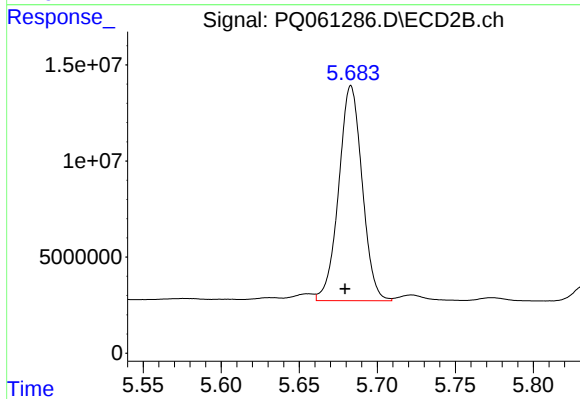
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 400190
Conc: 2.45 ng/ml



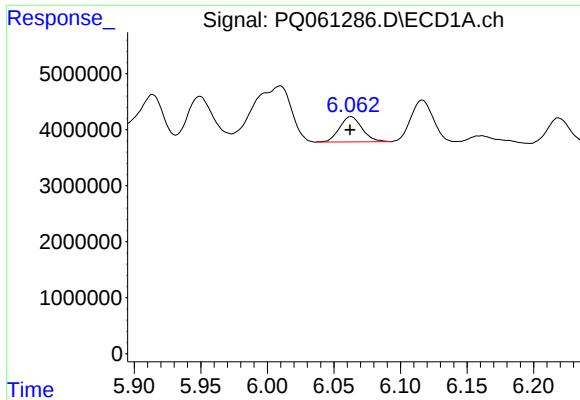
#30 AR-1254-5

R.T.: 6.620 min
Delta R.T.: 0.025 min
Response: 166889896
Conc: 605.14 ng/ml



#30 AR-1254-5

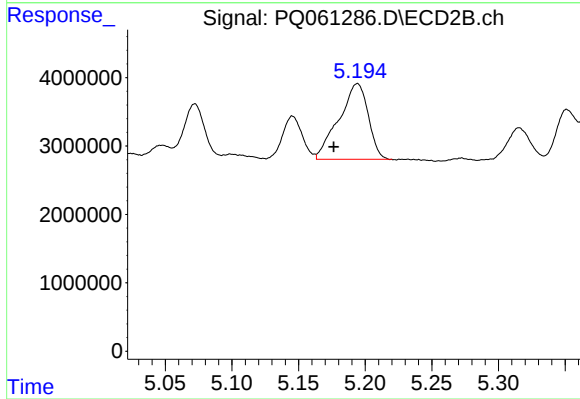
R.T.: 5.683 min
Delta R.T.: 0.004 min
Response: 116968077
Conc: 459.08 ng/ml



#31 AR-1260-1

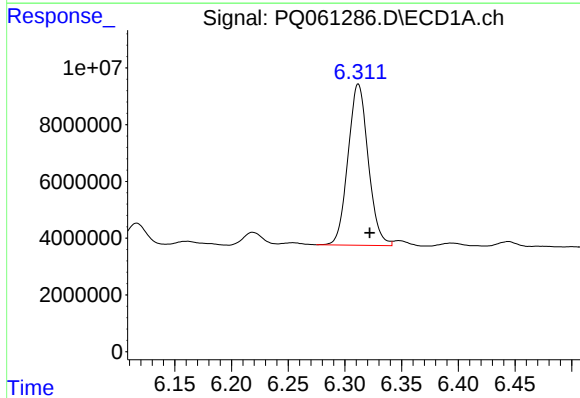
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 5339490
Conc: 21.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



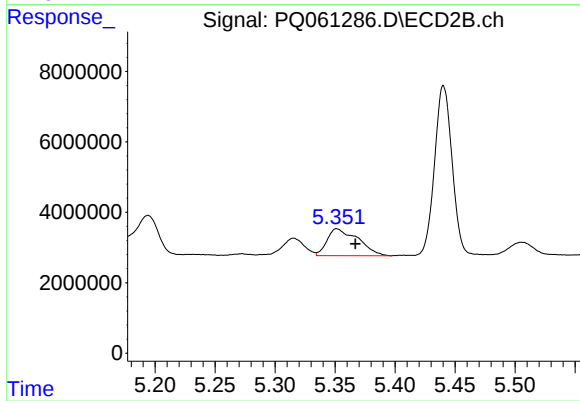
#31 AR-1260-1

R.T.: 5.194 min
Delta R.T.: 0.018 min
Response: 16940205
Conc: 90.96 ng/ml



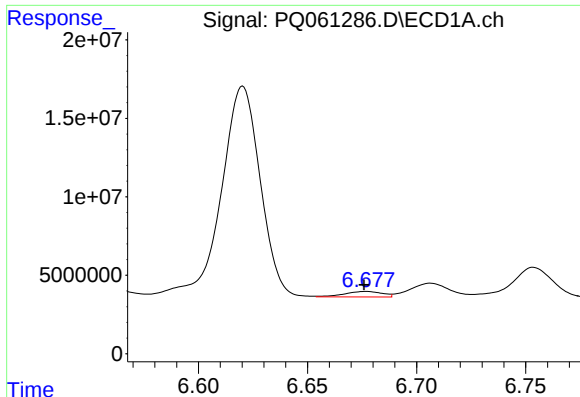
#32 AR-1260-2

R.T.: 6.312 min
Delta R.T.: -0.010 min
Response: 70461590
Conc: 233.04 ng/ml



#32 AR-1260-2

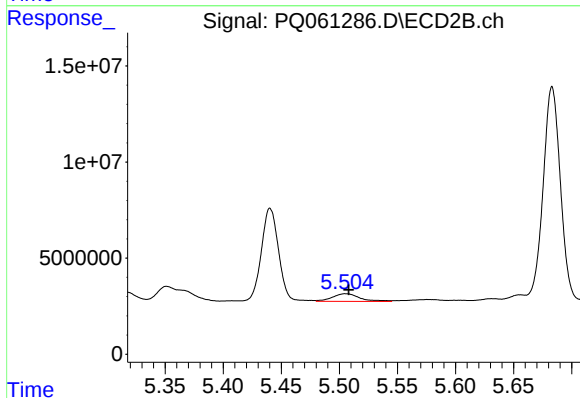
R.T.: 5.351 min
Delta R.T.: -0.016 min
Response: 13741296
Conc: 60.31 ng/ml



#33 AR-1260-3

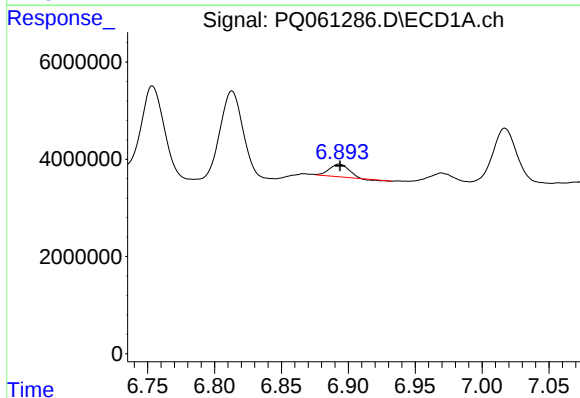
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 4145632
Conc: 22.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



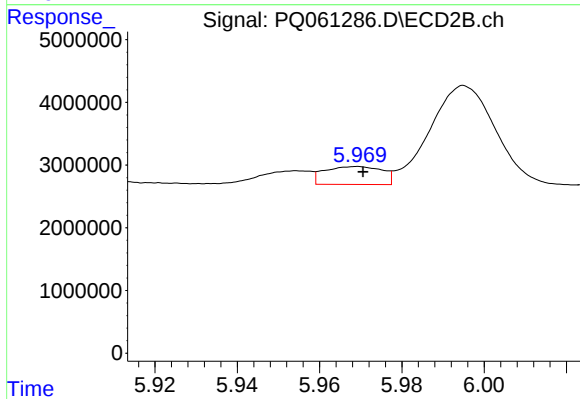
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: -0.003 min
Response: 6550980
Conc: 30.86 ng/ml



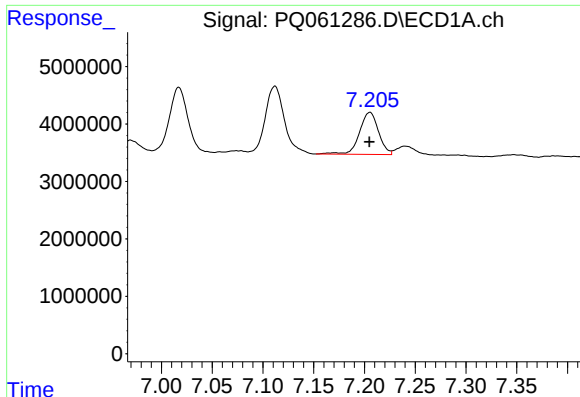
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 2573658
Conc: 11.44 ng/ml



#34 AR-1260-4

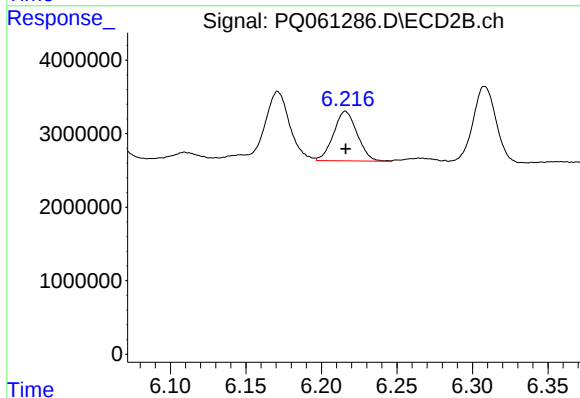
R.T.: 5.969 min
Delta R.T.: -0.001 min
Response: 2770474
Conc: 17.55 ng/ml



#35 AR-1260-5

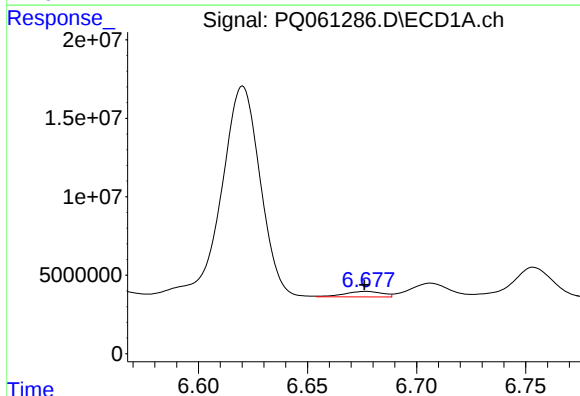
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 9521413
Conc: 21.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



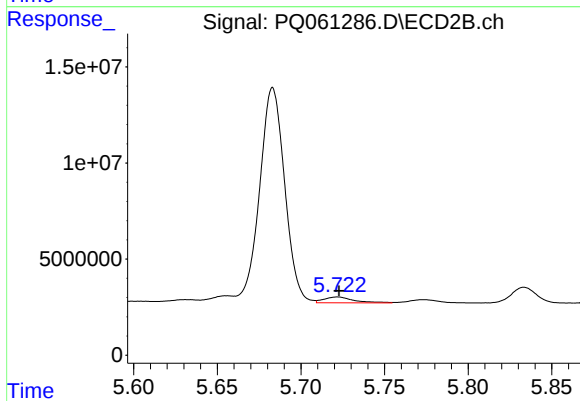
#35 AR-1260-5

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 7378923
Conc: 20.31 ng/ml



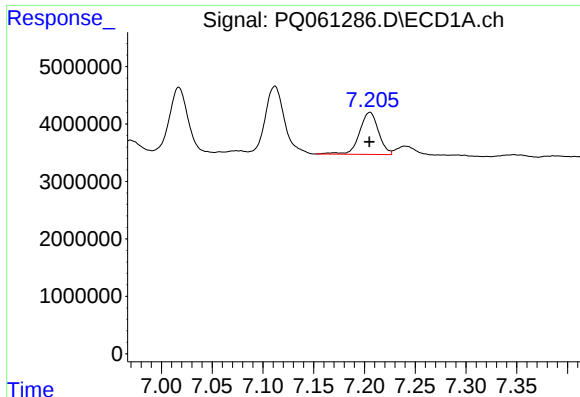
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 4145632
Conc: 13.16 ng/ml



#36 AR-1262-1

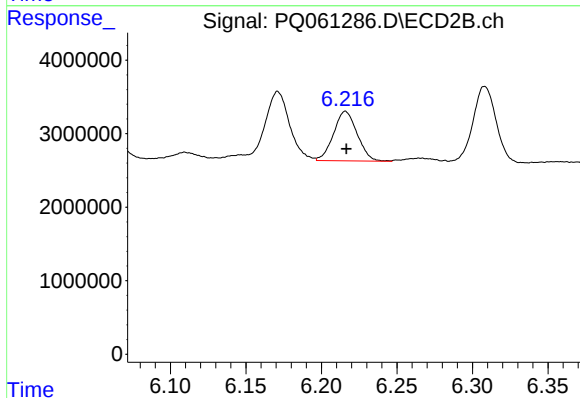
R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 3772807
Conc: 15.17 ng/ml



#37 AR-1262-2

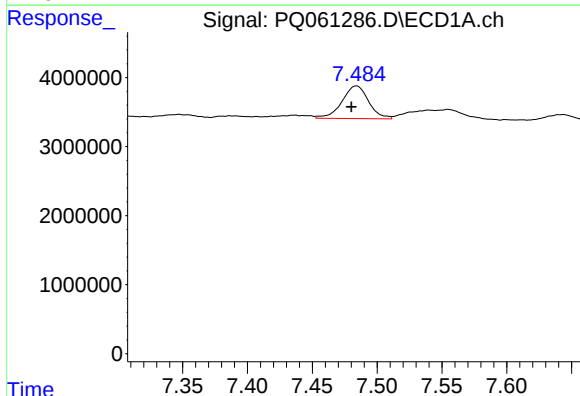
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 9521413
Conc: 17.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



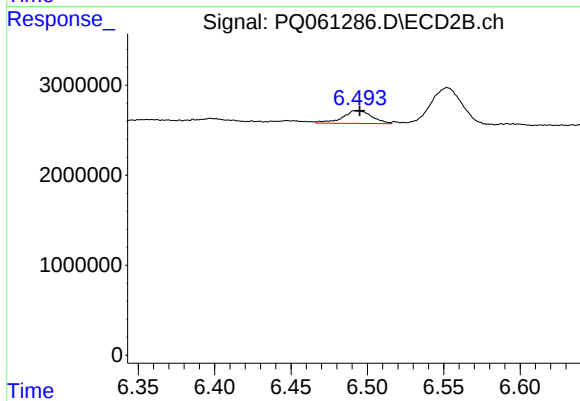
#37 AR-1262-2

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 7378923
Conc: 16.17 ng/ml



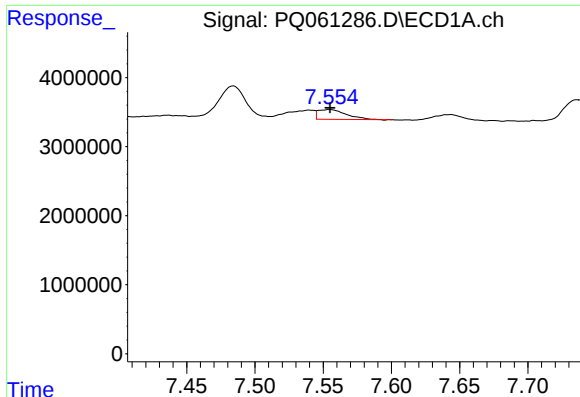
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.004 min
Response: 6773160
Conc: 18.58 ng/ml



#38 AR-1262-3

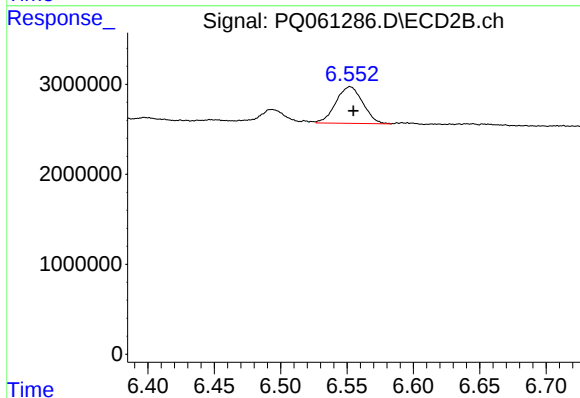
R.T.: 6.494 min
Delta R.T.: -0.001 min
Response: 1910101
Conc: 10.22 ng/ml



#39 AR-1262-4

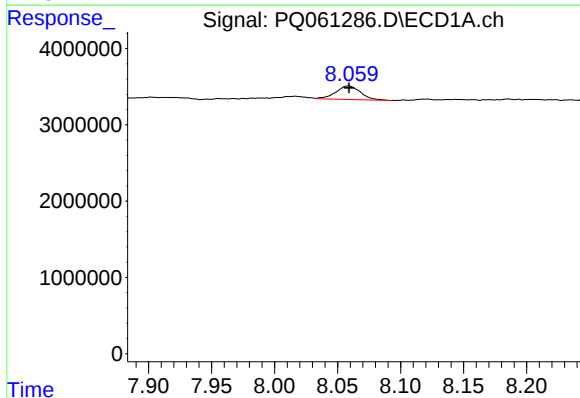
R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 1994639
Conc: 7.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



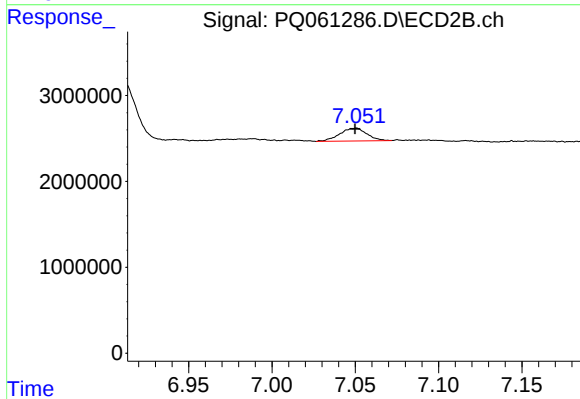
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 5742034
Conc: 16.53 ng/ml



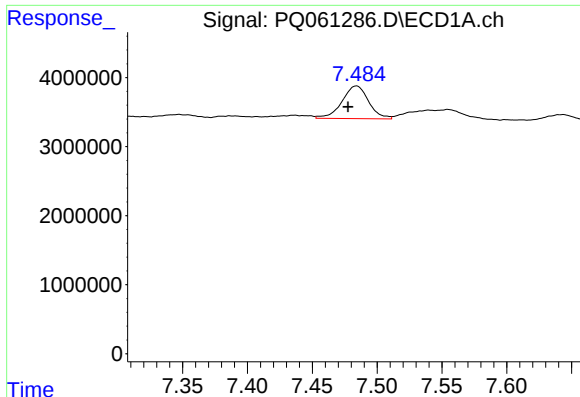
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 2432869
Conc: 13.07 ng/ml



#40 AR-1262-5

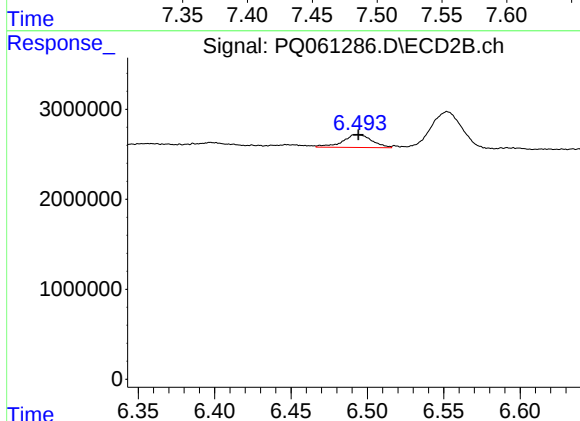
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 1699127
Conc: 10.09 ng/ml



#41 AR-1268-1

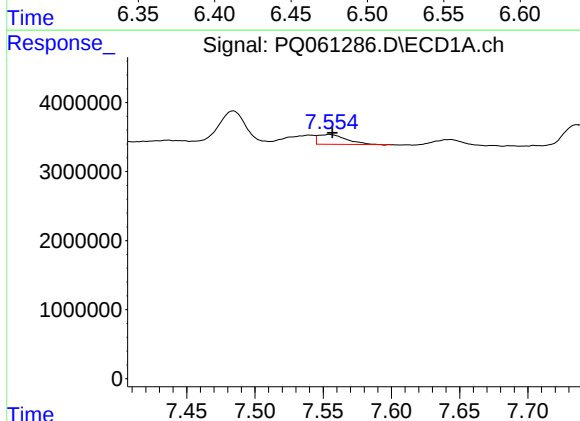
R.T.: 7.484 min
Delta R.T.: 0.006 min
Response: 6773160
Conc: 11.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



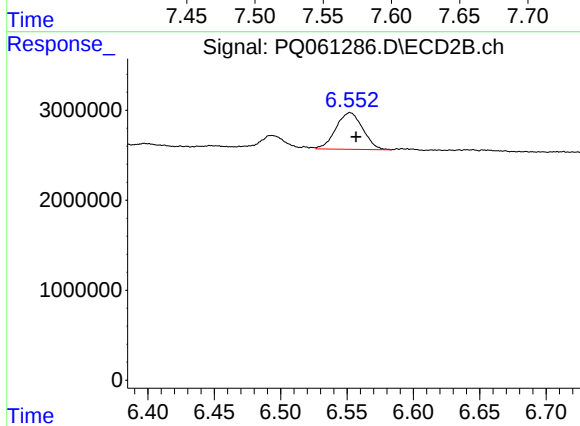
#41 AR-1268-1

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 1910101
Conc: 3.59 ng/ml



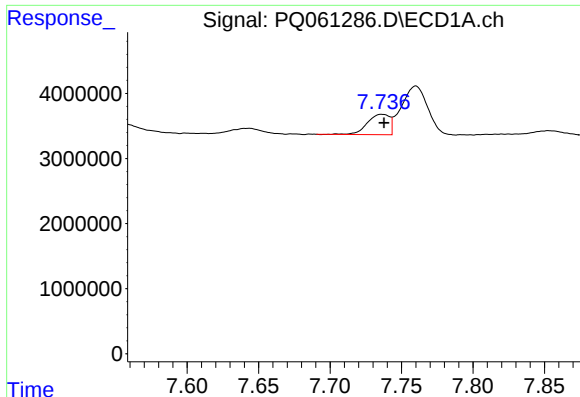
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.002 min
Response: 1994639
Conc: 3.59 ng/ml



#42 AR-1268-2

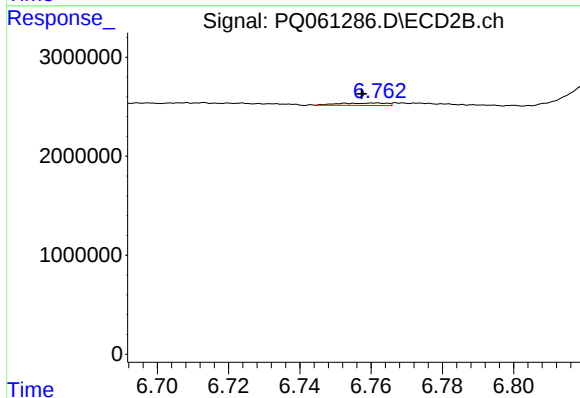
R.T.: 6.552 min
Delta R.T.: -0.005 min
Response: 5742034
Conc: 11.88 ng/ml



#43 AR-1268-3

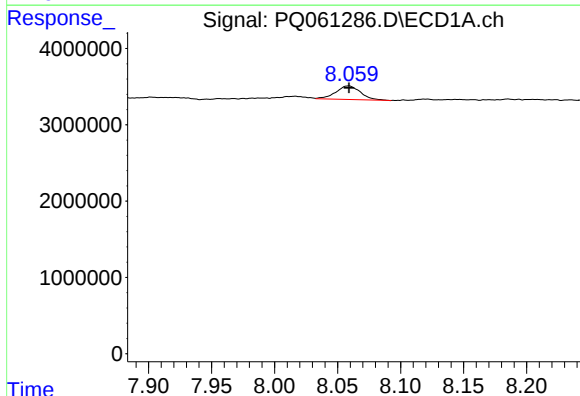
R.T.: 7.736 min
Delta R.T.: -0.002 min
Response: 3381315
Conc: 7.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



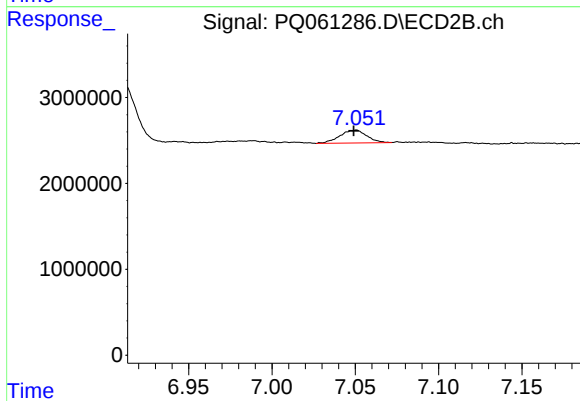
#43 AR-1268-3

R.T.: 6.762 min
Delta R.T.: 0.004 min
Response: 229110
Conc: 0.55 ng/ml



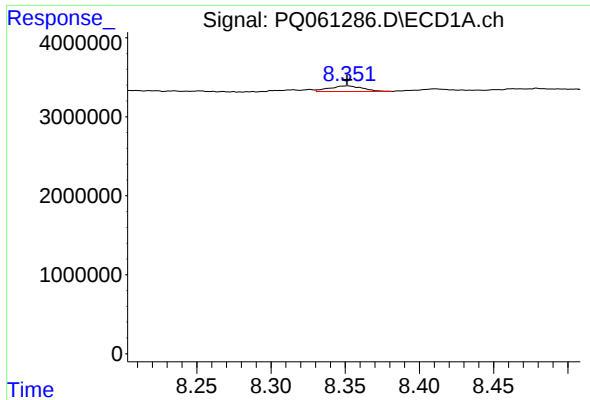
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 2432869
Conc: 11.99 ng/ml



#44 AR-1268-4

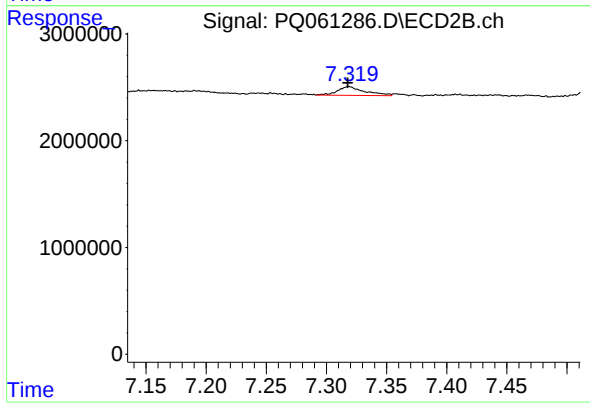
R.T.: 7.051 min
Delta R.T.: 0.002 min
Response: 1699127
Conc: 9.18 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 1099965
Conc: 0.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 1281915
Conc: 0.95 ng/ml