

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
 Data File : PQ064035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 19:02
 Operator : YP\AJ
 Sample : 05377-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 20:04:14 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...	3.460	2.777	72297429	77405561	16.961	21.047
2)	SA Decachlor...	8.694	7.574	23557051	40130690	7.296	8.565
Target Compounds							
3)	L1 AR-1016-1	4.576	3.796	1634770	958808	11.862	7.611 #
4)	L1 AR-1016-2	4.597	3.796	1123405	958808	5.319	5.292
5)	L1 AR-1016-3	4.655	3.962	1035599	597519	7.776	6.132
6)	L1 AR-1016-4	4.760	4.002	192814	828459	1.834	9.820 #
7)	L1 AR-1016-5	5.040	4.203	5157686	9193984	48.683	91.930 #
8)	L2 AR-1221-1	3.646	2.975	5673785	7212173	104.853	139.956 #
9)	L2 AR-1221-2	3.742	3.066	1138464	460968	31.165	13.221 #
10)	L2 AR-1221-3	3.803	3.127	520949	1034332	4.387	9.377 #
11)	L3 AR-1232-1	3.803	3.127	520949	1034332	5.570	11.945 #
12)	L3 AR-1232-2	4.315	3.796	6547907	958808	124.682	12.054 #
13)	L3 AR-1232-3	4.597	3.962	1123405	597519	12.490	14.433
14)	L3 AR-1232-4	4.760	4.047	192814	2776391	4.410	76.450 #
15)	L3 AR-1232-5	4.823	4.203	1783315	9193984	53.328	218.814 #
16)	L4 AR-1242-1	4.576	3.796	1634770	958808	14.508	9.321 #
17)	L4 AR-1242-2	4.597	3.796	1123405	958808	6.643	6.497
18)	L4 AR-1242-3	4.655	3.962	1035599	597519	9.812	7.511
19)	L4 AR-1242-4	4.760	4.047	192814	2776391	2.272	36.586 #
20)	L4 AR-1242-5	5.486	4.543	13186917	21831546	149.136	217.026 #
21)	L5 AR-1248-1	4.576	3.796	1634770	958808	19.636	12.296 #
22)	L5 AR-1248-2	4.823	4.002	1783315	828459	14.693	6.989 #
23)	L5 AR-1248-3	5.040	4.047	5157686	2776391	35.621	24.643 #
24)	L5 AR-1248-4	5.417	4.203	32677856	9193984	210.860	66.789 #
25)	L5 AR-1248-5	5.486	4.579	13186917	13626542	86.242	101.488
26)	L6 AR-1254-1	5.417	4.543	32677856	21831546	208.206	112.323 #
27)	L6 AR-1254-2	5.612	4.691	16392378	12652430	69.121	72.630
28)	L6 AR-1254-3	5.980	5.079	12090426	9752932	48.763	36.436 #
29)	L6 AR-1254-4	6.304f	5.318	2648438	12151363	14.614	69.266 #
30)	L6 AR-1254-5	6.705	5.716	19714207	22560853	98.838	88.495
31)	L7 AR-1260-1	6.144	5.212	1775434	18732261	8.672	94.706 #
32)	L7 AR-1260-2	6.420	5.408	2926905	27727741	12.117	116.145 #
33)	L7 AR-1260-3	6.760	5.546	1704134	9798335	10.588	43.379 #
34)	L7 AR-1260-4	6.995	6.006	4095619	1583092	22.200	9.201 #
35)	L7 AR-1260-5	7.292	6.253	3871412	2847575	10.893	7.136 #
36)	L8 AR-1262-1	6.760	5.805	1704134	1075969	6.521	9.828 #
37)	L8 AR-1262-2	7.292	6.006	3871412	1583092	9.102	6.409 #
38)	L8 AR-1262-3	7.572	6.552	1228487	2033356	4.288	10.037 #
39)	L8 AR-1262-4	7.642	6.589	494333	2650714	2.154	7.113 #
40)	L8 AR-1262-5	8.155	7.086	632849	-599412	4.443	N.D. #
41)	L9 AR-1268-1	7.572	6.552	1228487	2033356	2.484	3.544 #

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 Acq On : 13 Nov 2023 19:02
 Operator : YP\AJ
 Sample : 05377-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

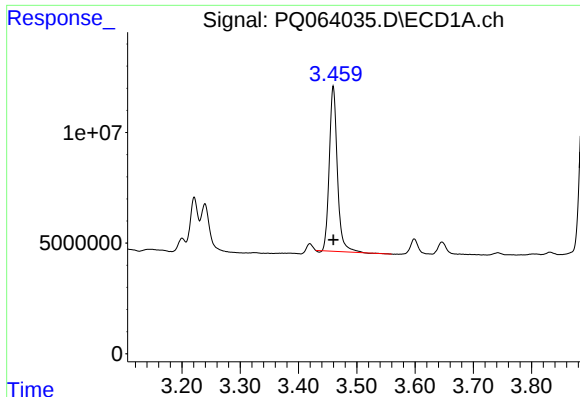
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 20:04:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
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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	7.642	6.589	494333	2650714	1.104	5.106 #
43) L9	AR-1268-3	7.820	6.798	878380	2149523	2.252	4.636 #
44) L9	AR-1268-4	8.155	7.086	632849	-599412	4.048	N.D. #
45) L9	AR-1268-5	8.452	7.358	1311346	2477230	1.163	1.619 #

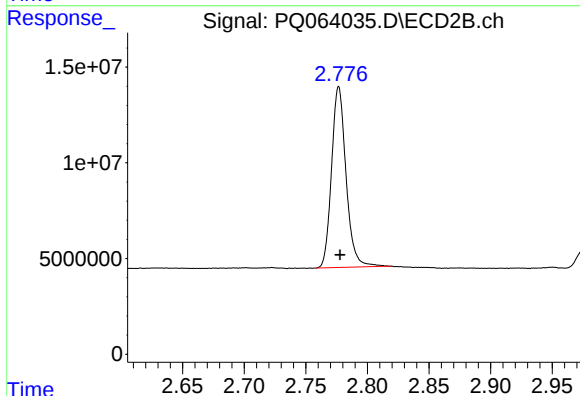
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

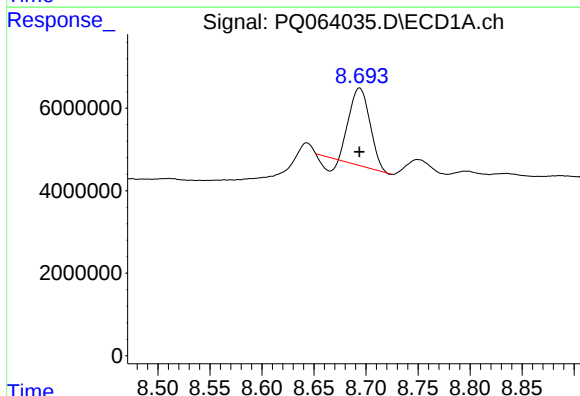
R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 72297429
Conc: 16.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



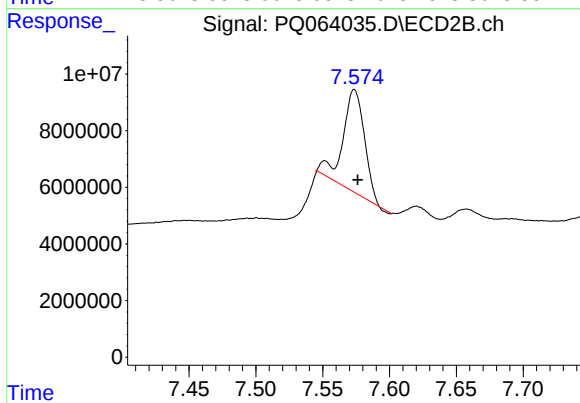
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 77405561
Conc: 21.05 ng/ml



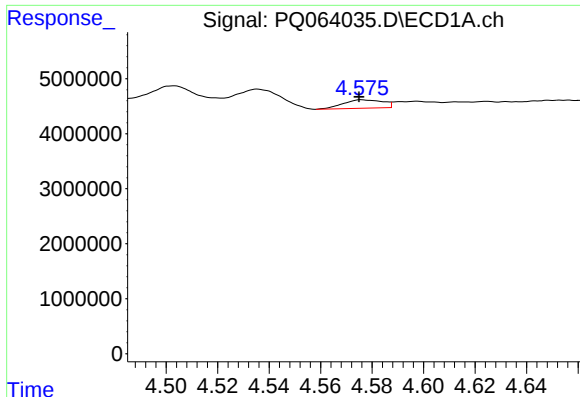
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 23557051
Conc: 7.30 ng/ml



#2 Decachlorobiphenyl

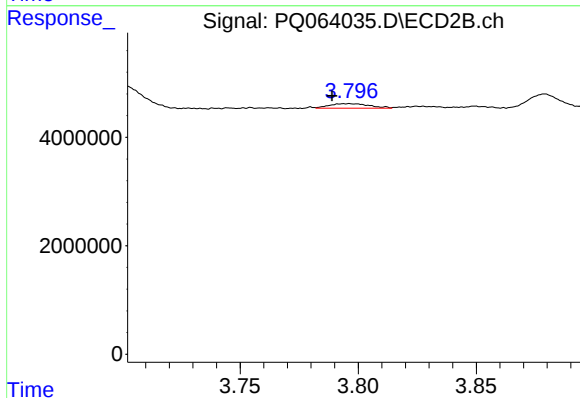
R.T.: 7.574 min
Delta R.T.: -0.003 min
Response: 40130690
Conc: 8.57 ng/ml



#3 AR-1016-1

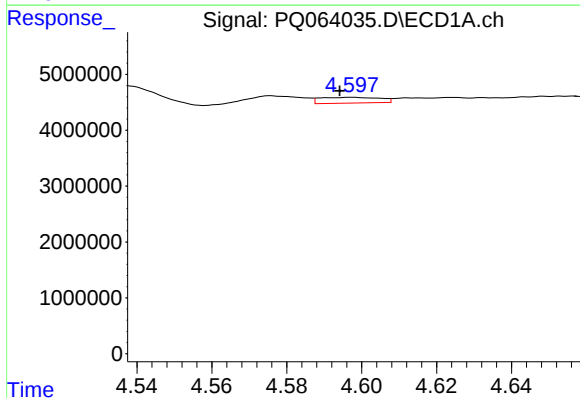
R.T.: 4.576 min
Delta R.T.: 0.001 min
Response: 1634770
Conc: 11.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



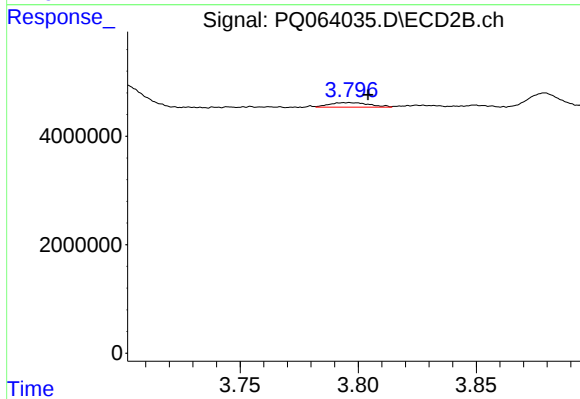
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: 0.007 min
Response: 958808
Conc: 7.61 ng/ml



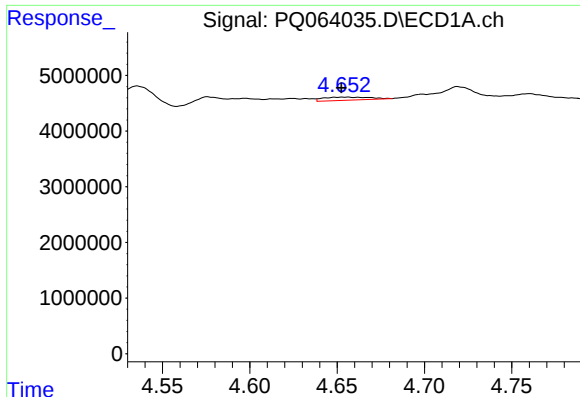
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.003 min
Response: 1123405
Conc: 5.32 ng/ml



#4 AR-1016-2

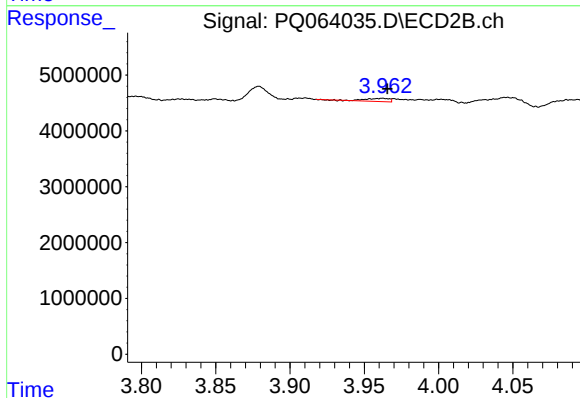
R.T.: 3.796 min
Delta R.T.: -0.008 min
Response: 958808
Conc: 5.29 ng/ml



#5 AR-1016-3

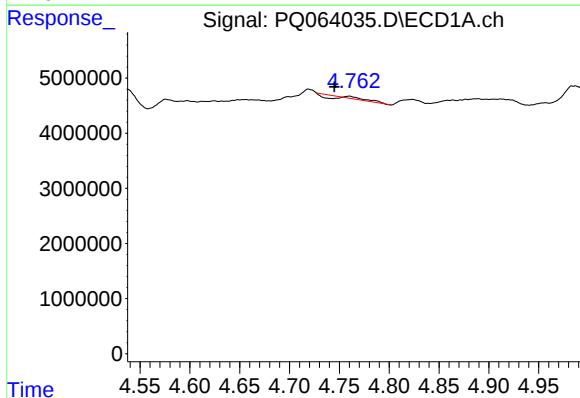
R.T.: 4.655 min
Delta R.T.: 0.003 min
Response: 1035599
Conc: 7.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



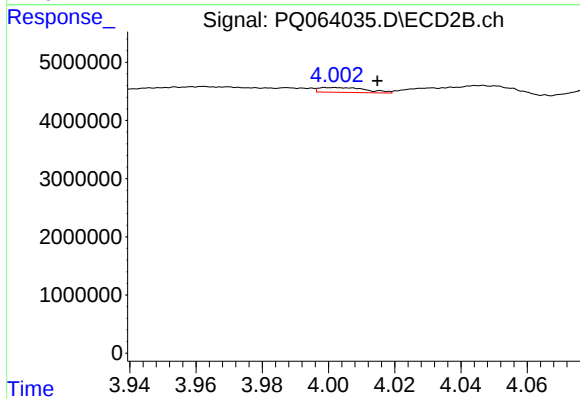
#5 AR-1016-3

R.T.: 3.962 min
Delta R.T.: -0.003 min
Response: 597519
Conc: 6.13 ng/ml



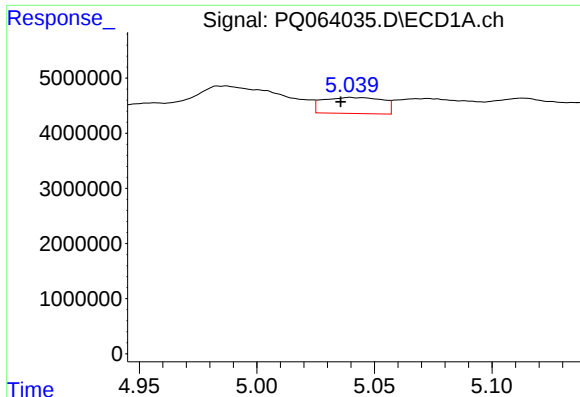
#6 AR-1016-4

R.T.: 4.760 min
Delta R.T.: 0.015 min
Response: 192814
Conc: 1.83 ng/ml



#6 AR-1016-4

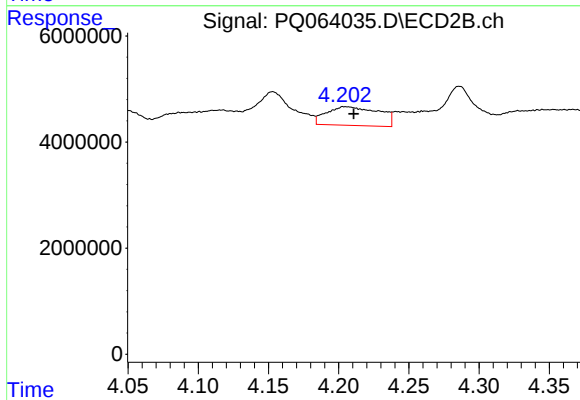
R.T.: 4.002 min
Delta R.T.: -0.013 min
Response: 828459
Conc: 9.82 ng/ml



#7 AR-1016-5

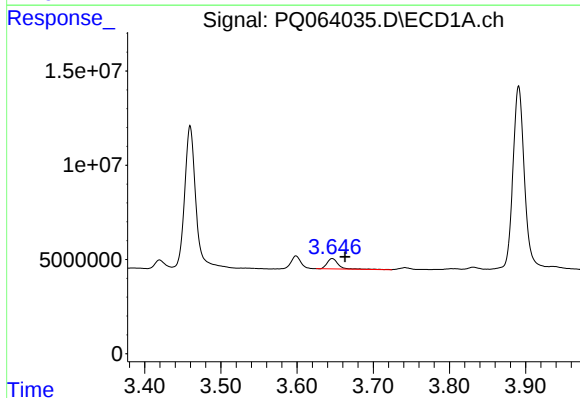
R.T.: 5.040 min
Delta R.T.: 0.004 min
Response: 5157686
Conc: 48.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



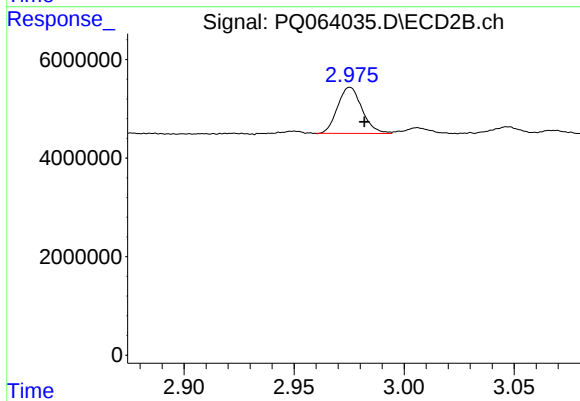
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: -0.007 min
Response: 9193984
Conc: 91.93 ng/ml



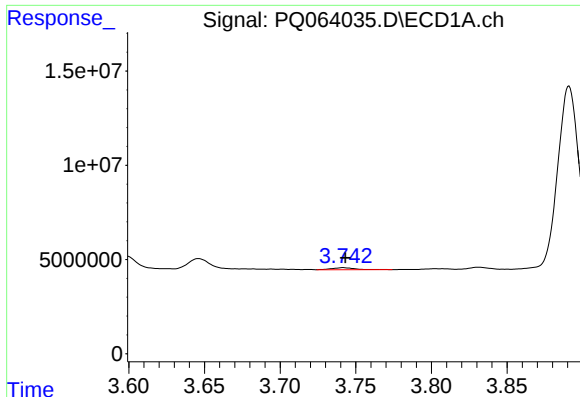
#8 AR-1221-1

R.T.: 3.646 min
Delta R.T.: -0.017 min
Response: 5673785
Conc: 104.85 ng/ml



#8 AR-1221-1

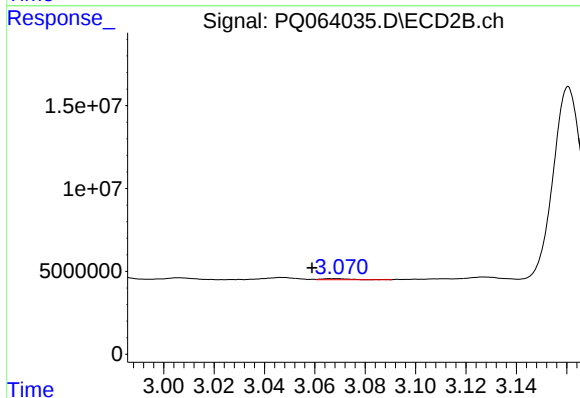
R.T.: 2.975 min
Delta R.T.: -0.006 min
Response: 7212173
Conc: 139.96 ng/ml



#9 AR-1221-2

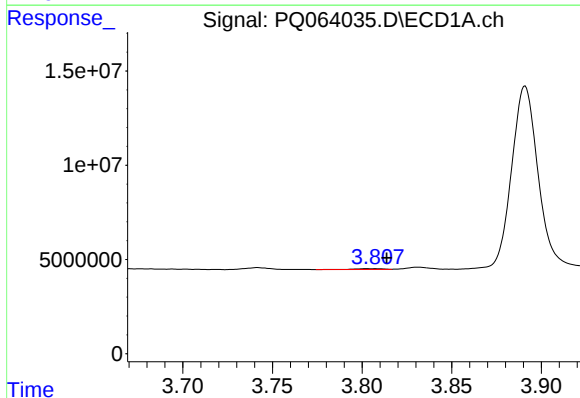
R.T.: 3.742 min
Delta R.T.: -0.001 min
Response: 1138464
Conc: 31.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



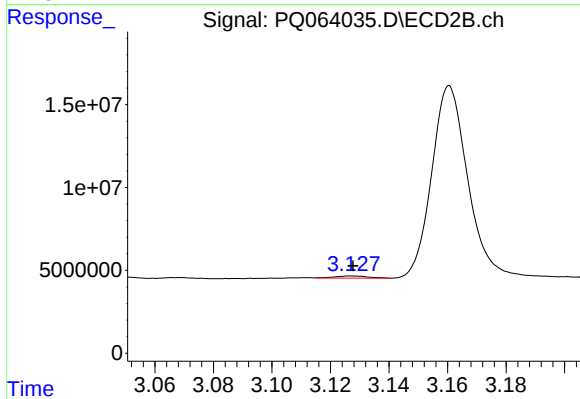
#9 AR-1221-2

R.T.: 3.066 min
Delta R.T.: 0.007 min
Response: 460968
Conc: 13.22 ng/ml



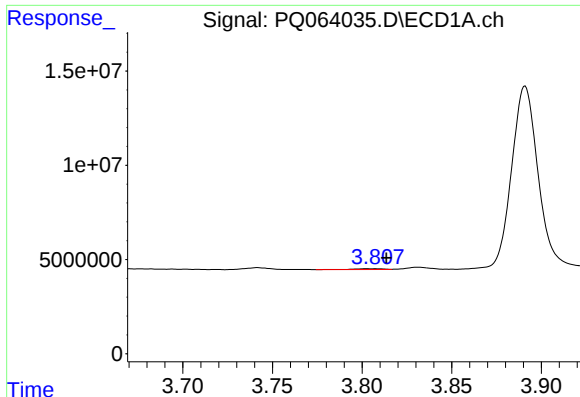
#10 AR-1221-3

R.T.: 3.803 min
Delta R.T.: -0.011 min
Response: 520949
Conc: 4.39 ng/ml



#10 AR-1221-3

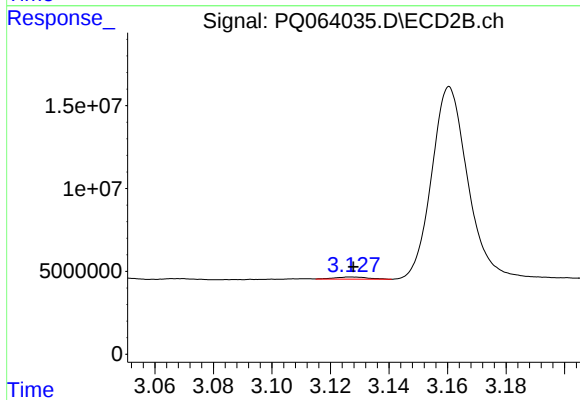
R.T.: 3.127 min
Delta R.T.: 0.000 min
Response: 1034332
Conc: 9.38 ng/ml



#11 AR-1232-1

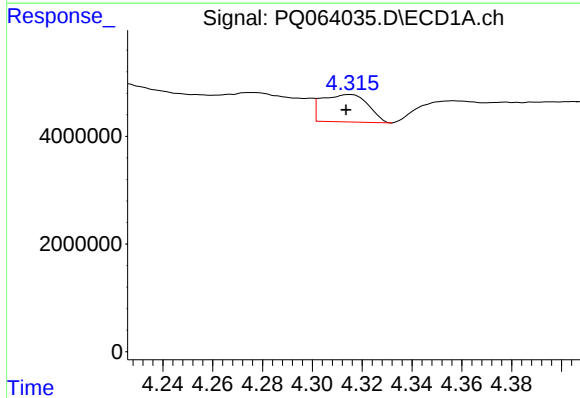
R.T.: 3.803 min
Delta R.T.: -0.011 min
Response: 520949
Conc: 5.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



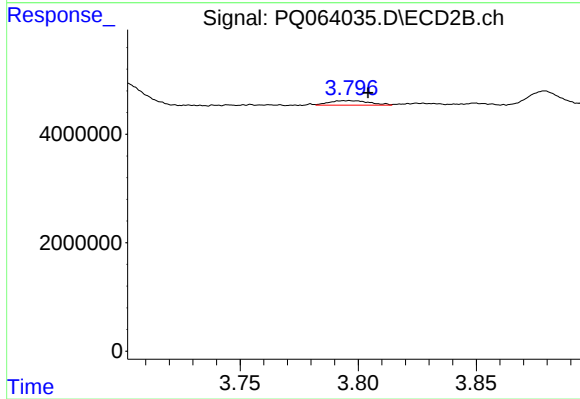
#11 AR-1232-1

R.T.: 3.127 min
Delta R.T.: 0.000 min
Response: 1034332
Conc: 11.95 ng/ml



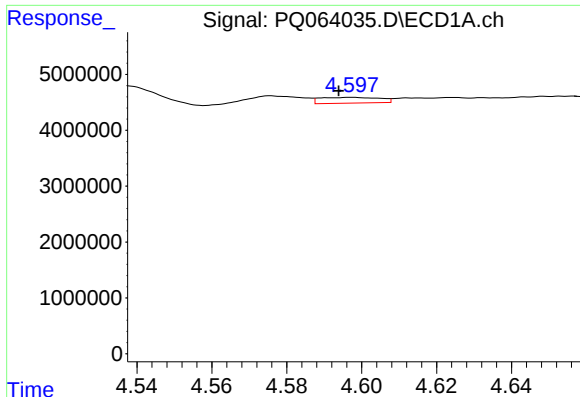
#12 AR-1232-2

R.T.: 4.315 min
Delta R.T.: 0.001 min
Response: 6547907
Conc: 124.68 ng/ml



#12 AR-1232-2

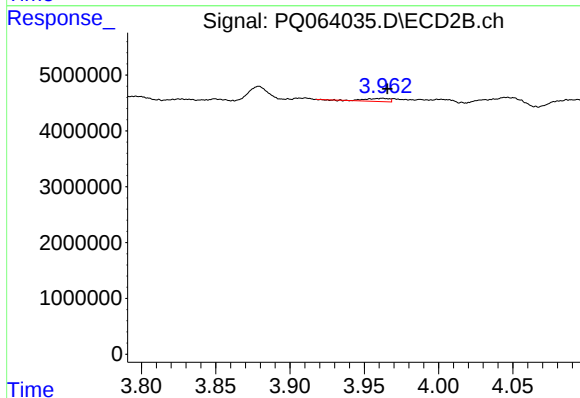
R.T.: 3.796 min
Delta R.T.: -0.008 min
Response: 958808
Conc: 12.05 ng/ml



#13 AR-1232-3

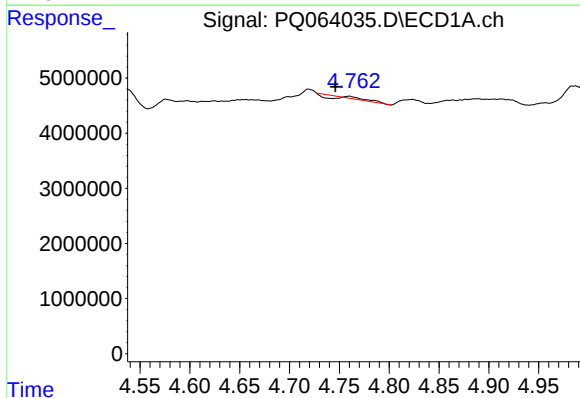
R.T.: 4.597 min
Delta R.T.: 0.003 min
Response: 1123405
Conc: 12.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



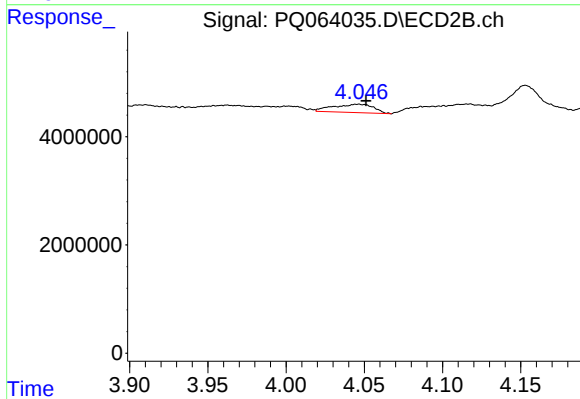
#13 AR-1232-3

R.T.: 3.962 min
Delta R.T.: -0.003 min
Response: 597519
Conc: 14.43 ng/ml



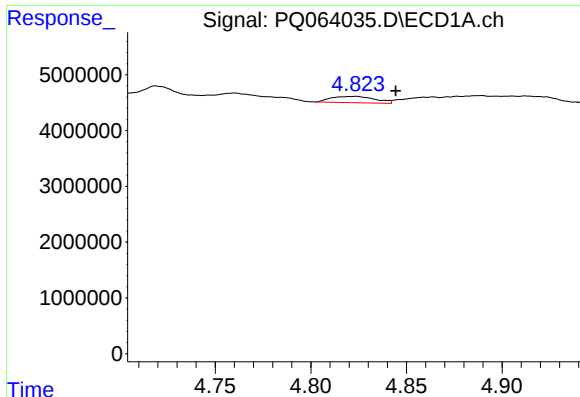
#14 AR-1232-4

R.T.: 4.760 min
Delta R.T.: 0.014 min
Response: 192814
Conc: 4.41 ng/ml



#14 AR-1232-4

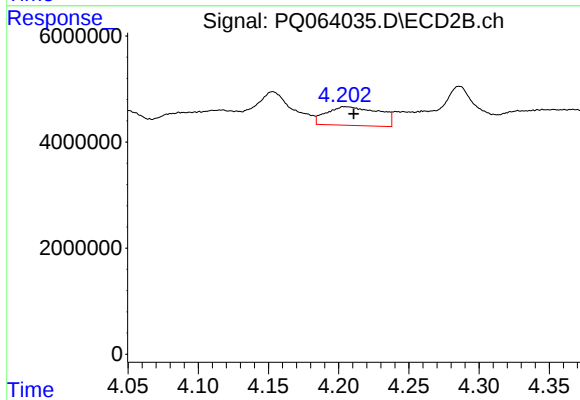
R.T.: 4.047 min
Delta R.T.: -0.005 min
Response: 2776391
Conc: 76.45 ng/ml



#15 AR-1232-5

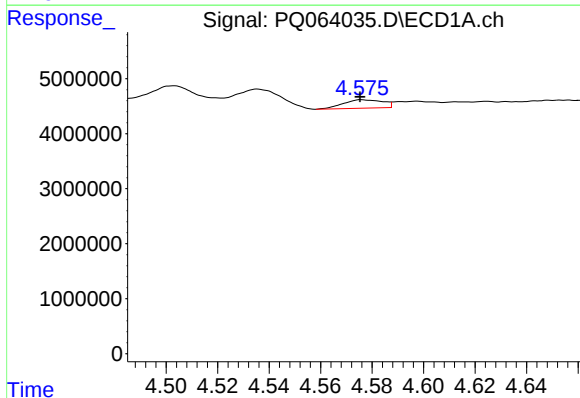
R.T.: 4.823 min
Delta R.T.: -0.021 min
Response: 1783315
Conc: 53.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



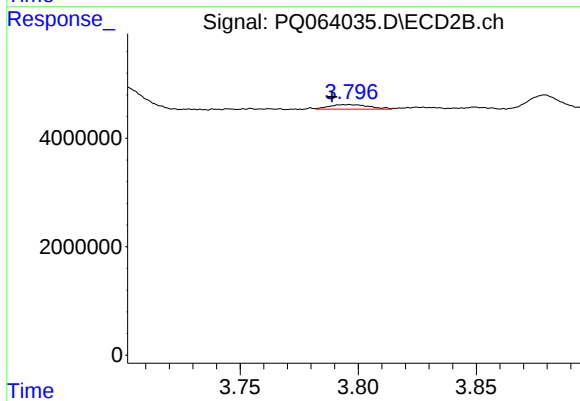
#15 AR-1232-5

R.T.: 4.203 min
Delta R.T.: -0.007 min
Response: 9193984
Conc: 218.81 ng/ml



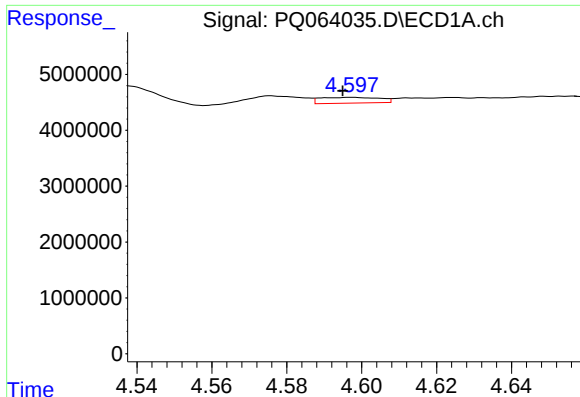
#16 AR-1242-1

R.T.: 4.576 min
Delta R.T.: 0.000 min
Response: 1634770
Conc: 14.51 ng/ml



#16 AR-1242-1

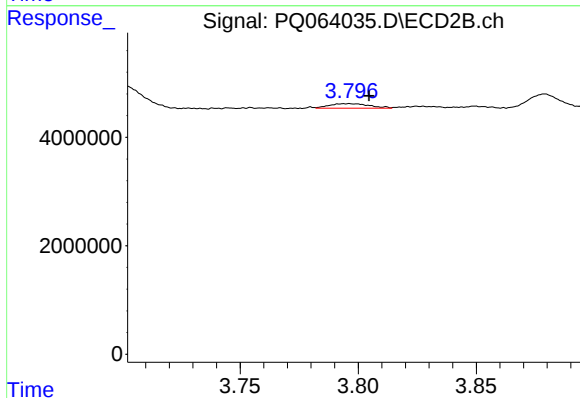
R.T.: 3.796 min
Delta R.T.: 0.008 min
Response: 958808
Conc: 9.32 ng/ml



#17 AR-1242-2

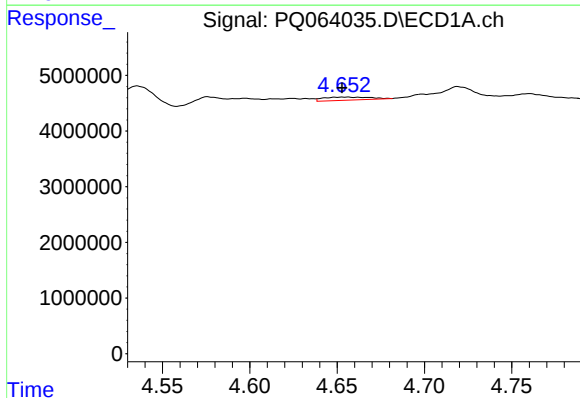
R.T.: 4.597 min
Delta R.T.: 0.002 min
Response: 1123405
Conc: 6.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



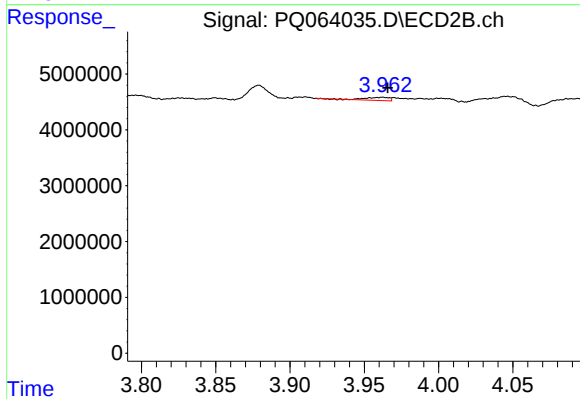
#17 AR-1242-2

R.T.: 3.796 min
Delta R.T.: -0.008 min
Response: 958808
Conc: 6.50 ng/ml



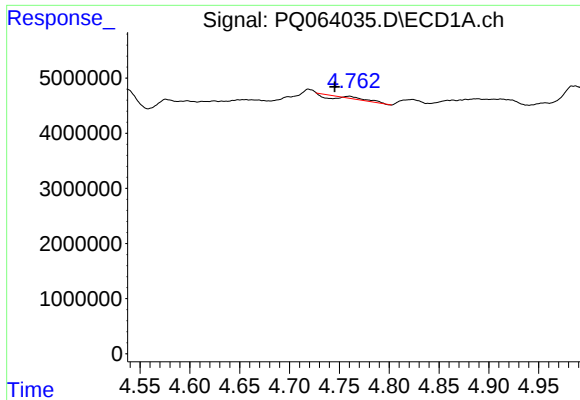
#18 AR-1242-3

R.T.: 4.655 min
Delta R.T.: 0.003 min
Response: 1035599
Conc: 9.81 ng/ml



#18 AR-1242-3

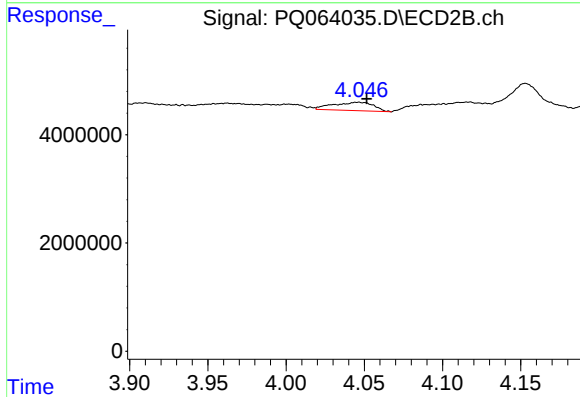
R.T.: 3.962 min
Delta R.T.: -0.003 min
Response: 597519
Conc: 7.51 ng/ml



#19 AR-1242-4

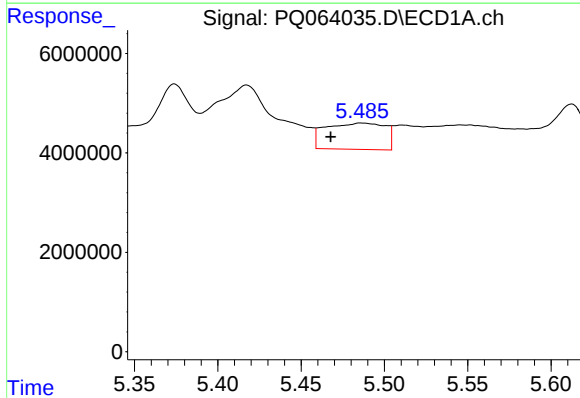
R.T.: 4.760 min
Delta R.T.: 0.014 min
Response: 192814
Conc: 2.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



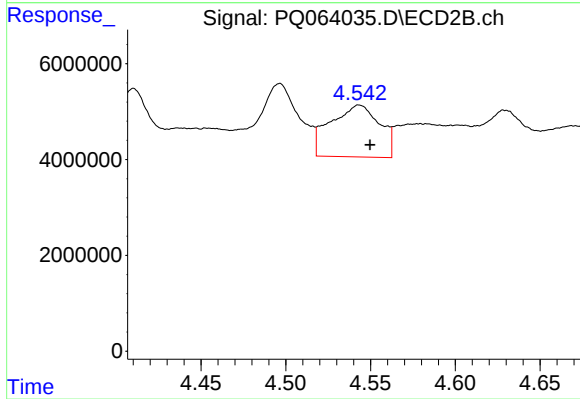
#19 AR-1242-4

R.T.: 4.047 min
Delta R.T.: -0.005 min
Response: 2776391
Conc: 36.59 ng/ml



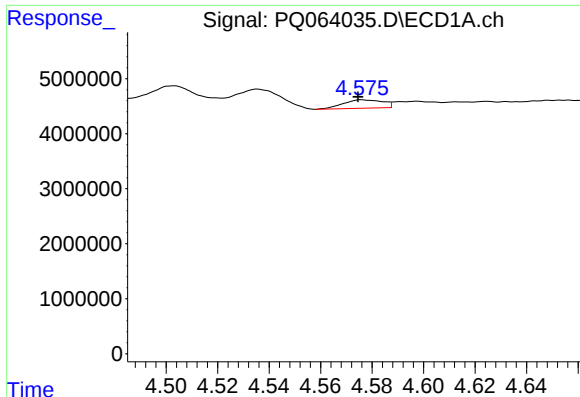
#20 AR-1242-5

R.T.: 5.486 min
Delta R.T.: 0.018 min
Response: 13186917
Conc: 149.14 ng/ml



#20 AR-1242-5

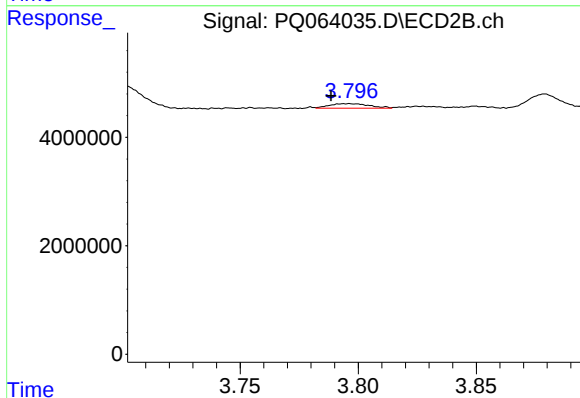
R.T.: 4.543 min
Delta R.T.: -0.007 min
Response: 21831546
Conc: 217.03 ng/ml



#21 AR-1248-1

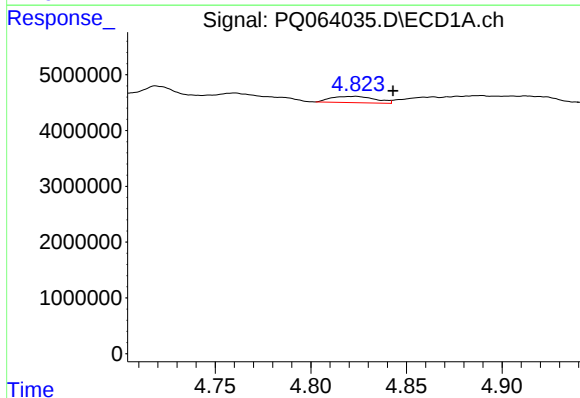
R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 1634770
Conc: 19.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



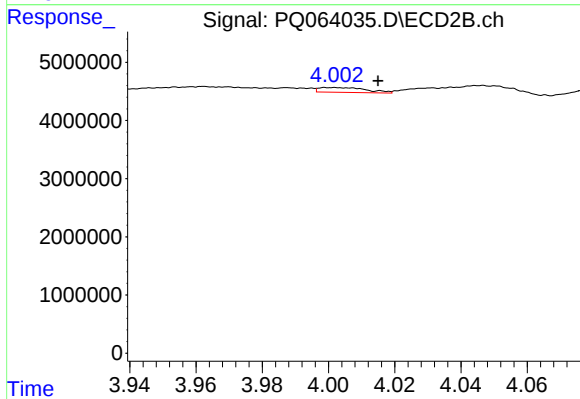
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: 0.008 min
Response: 958808
Conc: 12.30 ng/ml



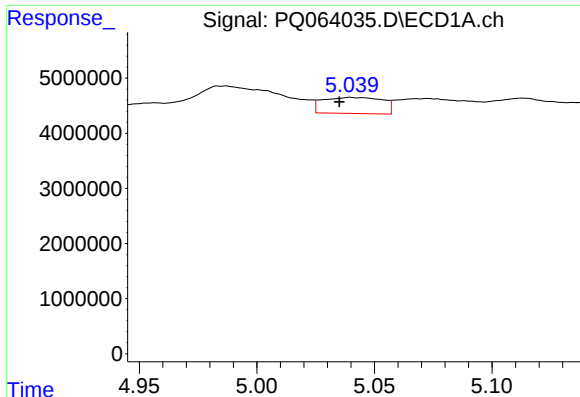
#22 AR-1248-2

R.T.: 4.823 min
Delta R.T.: -0.020 min
Response: 1783315
Conc: 14.69 ng/ml



#22 AR-1248-2

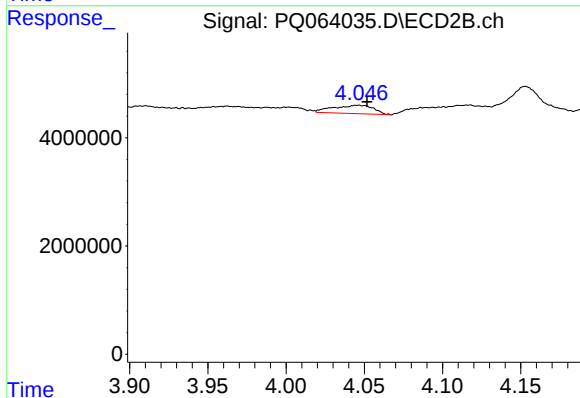
R.T.: 4.002 min
Delta R.T.: -0.013 min
Response: 828459
Conc: 6.99 ng/ml



#23 AR-1248-3

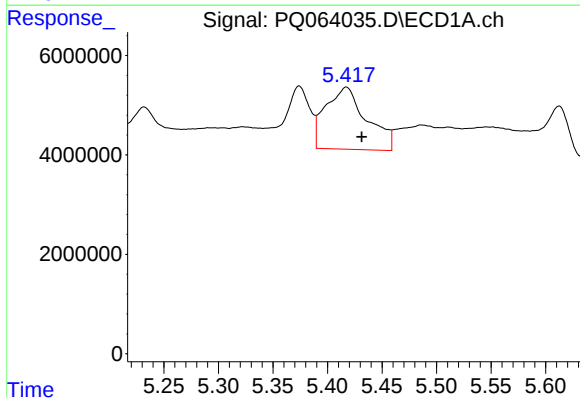
R.T.: 5.040 min
Delta R.T.: 0.005 min
Response: 5157686
Conc: 35.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



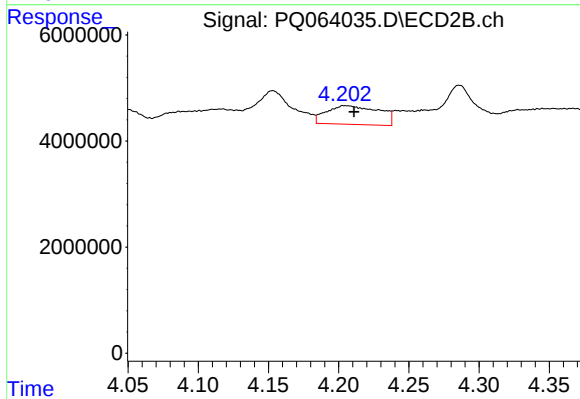
#23 AR-1248-3

R.T.: 4.047 min
Delta R.T.: -0.005 min
Response: 2776391
Conc: 24.64 ng/ml



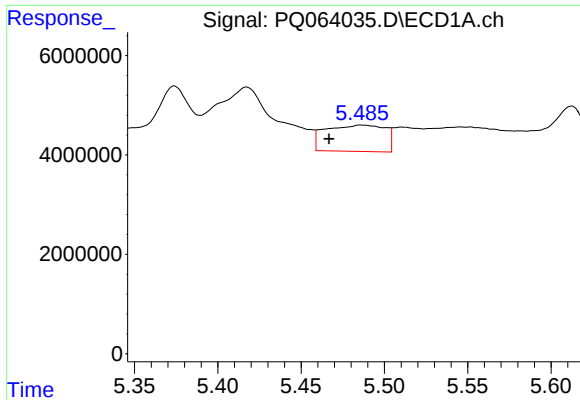
#24 AR-1248-4

R.T.: 5.417 min
Delta R.T.: -0.014 min
Response: 32677856
Conc: 210.86 ng/ml



#24 AR-1248-4

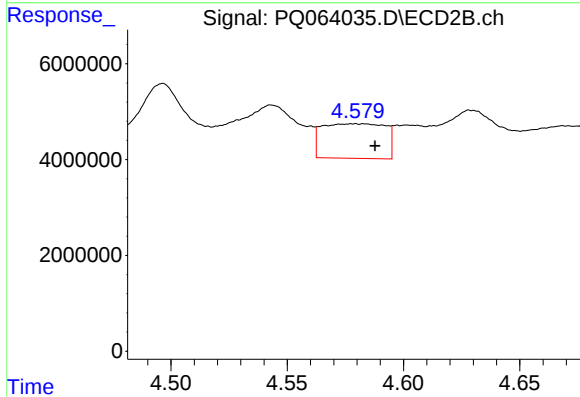
R.T.: 4.203 min
Delta R.T.: -0.007 min
Response: 9193984
Conc: 66.79 ng/ml



#25 AR-1248-5

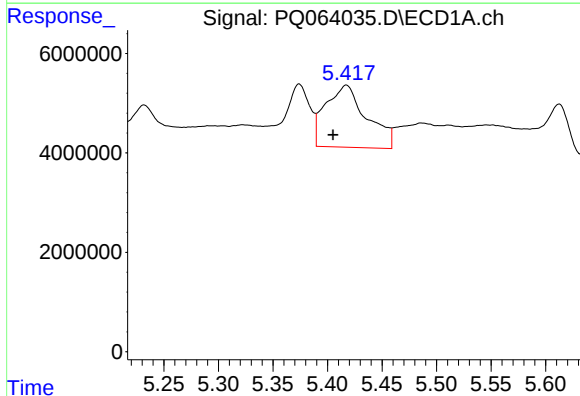
R.T.: 5.486 min
Delta R.T.: 0.019 min
Response: 13186917
Conc: 86.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



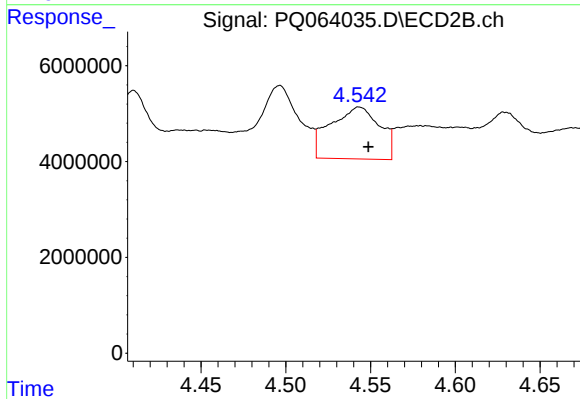
#25 AR-1248-5

R.T.: 4.579 min
Delta R.T.: -0.008 min
Response: 13626542
Conc: 101.49 ng/ml



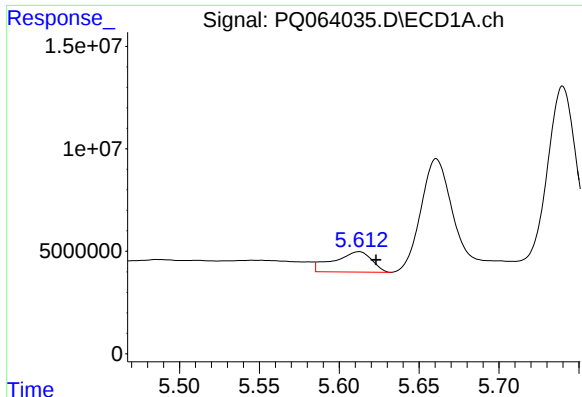
#26 AR-1254-1

R.T.: 5.417 min
Delta R.T.: 0.012 min
Response: 32677856
Conc: 208.21 ng/ml



#26 AR-1254-1

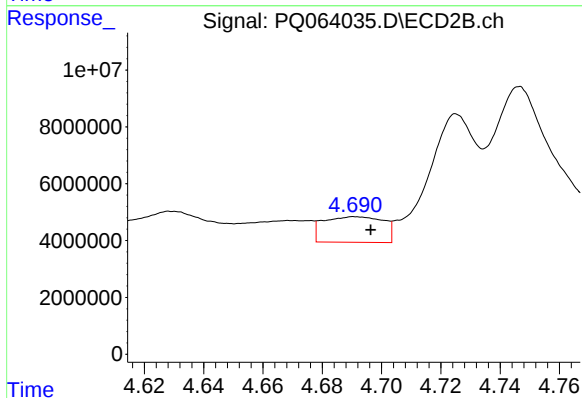
R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 21831546
Conc: 112.32 ng/ml



#27 AR-1254-2

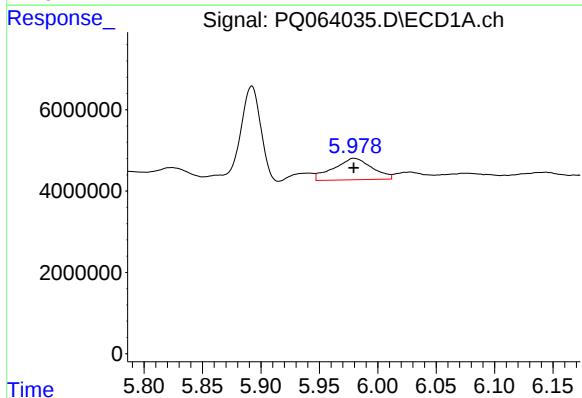
R.T.: 5.612 min
Delta R.T.: -0.011 min
Response: 16392378
Conc: 69.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



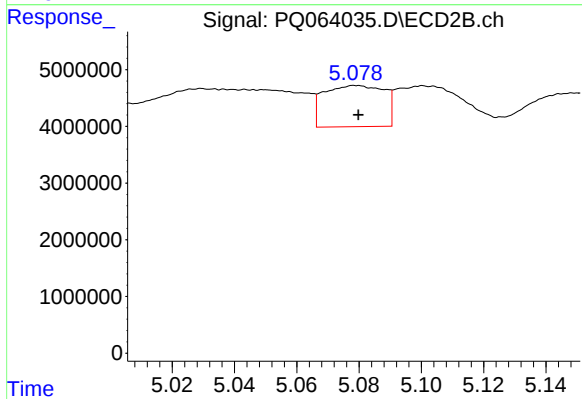
#27 AR-1254-2

R.T.: 4.691 min
Delta R.T.: -0.006 min
Response: 12652430
Conc: 72.63 ng/ml



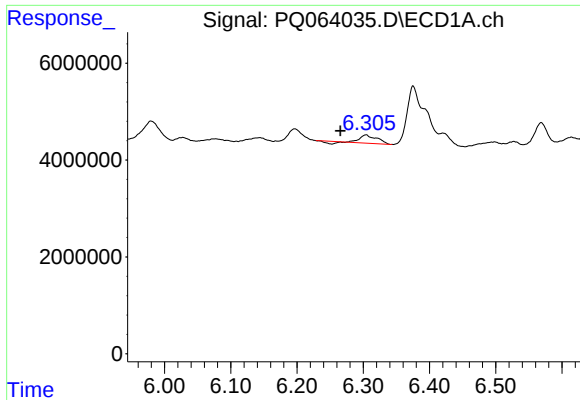
#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 12090426
Conc: 48.76 ng/ml



#28 AR-1254-3

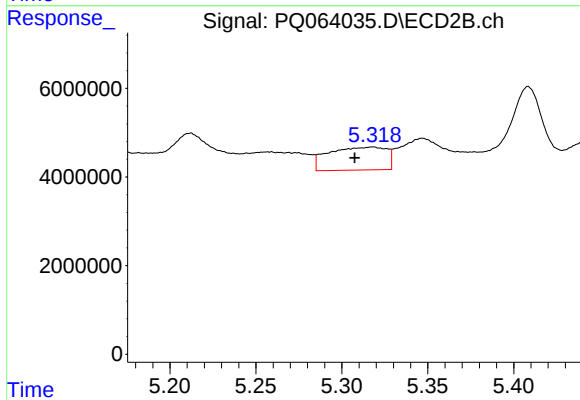
R.T.: 5.079 min
Delta R.T.: -0.001 min
Response: 9752932
Conc: 36.44 ng/ml



#29 AR-1254-4

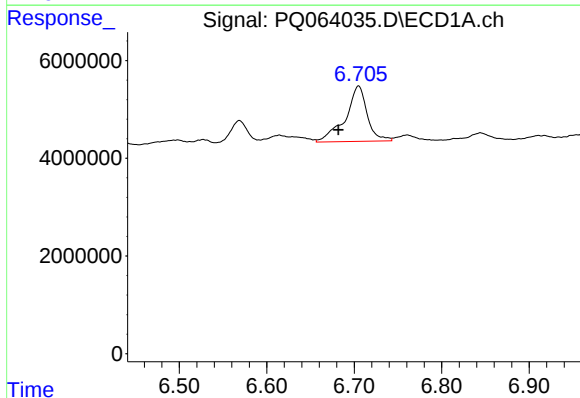
R.T.: 6.304 min
Delta R.T.: 0.039 min
Response: 2648438
Conc: 14.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



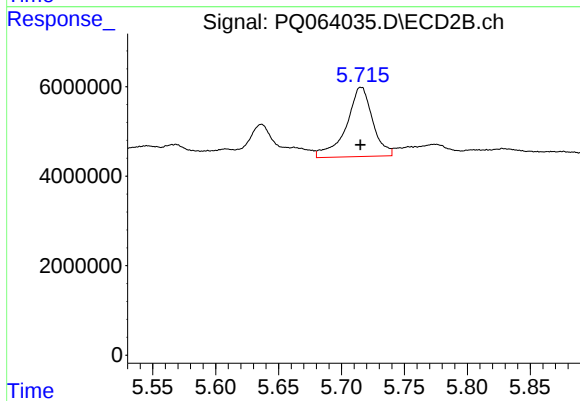
#29 AR-1254-4

R.T.: 5.318 min
Delta R.T.: 0.011 min
Response: 12151363
Conc: 69.27 ng/ml



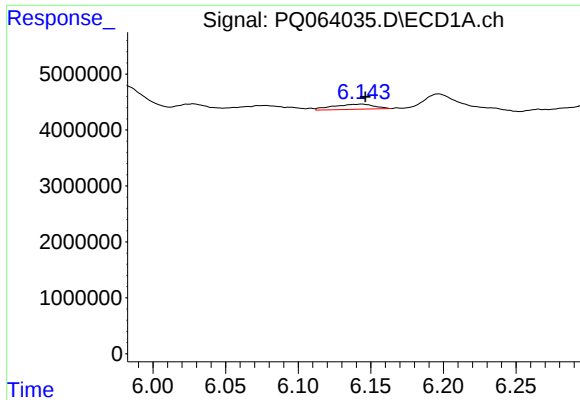
#30 AR-1254-5

R.T.: 6.705 min
Delta R.T.: 0.023 min
Response: 19714207
Conc: 98.84 ng/ml



#30 AR-1254-5

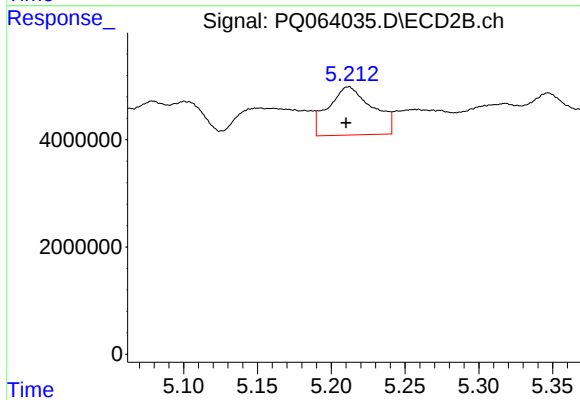
R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 22560853
Conc: 88.49 ng/ml



#31 AR-1260-1

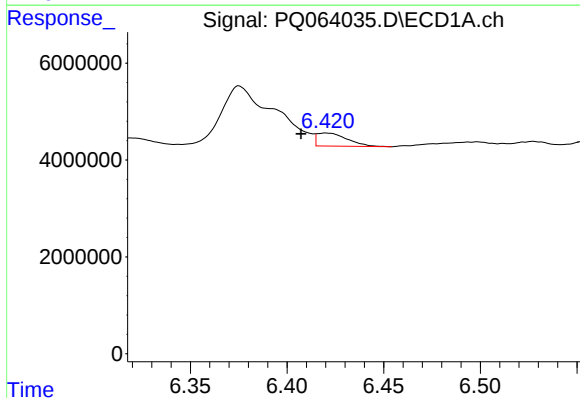
R.T.: 6.144 min
Delta R.T.: -0.003 min
Response: 1775434
Conc: 8.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



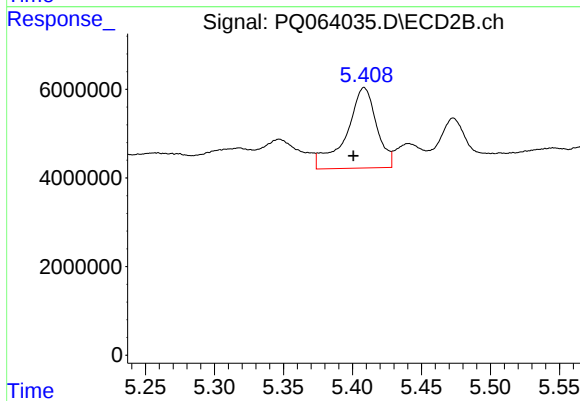
#31 AR-1260-1

R.T.: 5.212 min
Delta R.T.: 0.002 min
Response: 18732261
Conc: 94.71 ng/ml



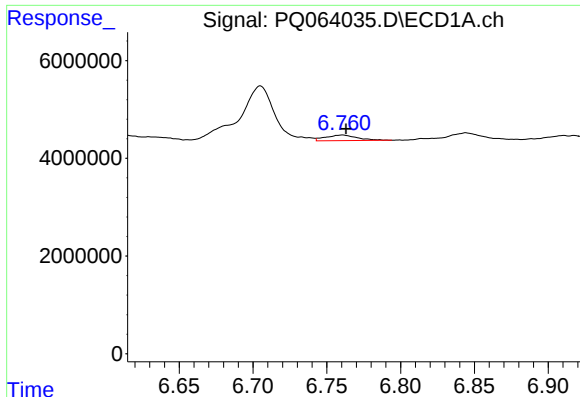
#32 AR-1260-2

R.T.: 6.420 min
Delta R.T.: 0.013 min
Response: 2926905
Conc: 12.12 ng/ml



#32 AR-1260-2

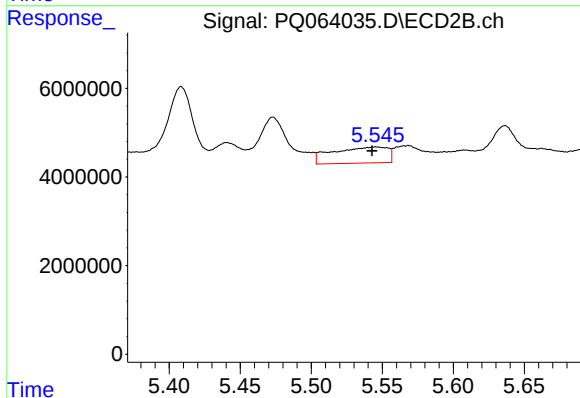
R.T.: 5.408 min
Delta R.T.: 0.008 min
Response: 27727741
Conc: 116.15 ng/ml



#33 AR-1260-3

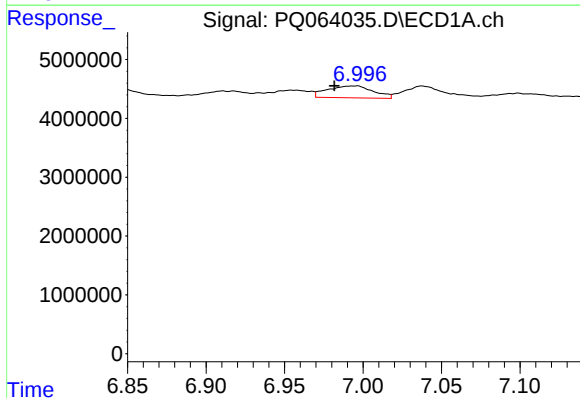
R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 1704134
Conc: 10.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



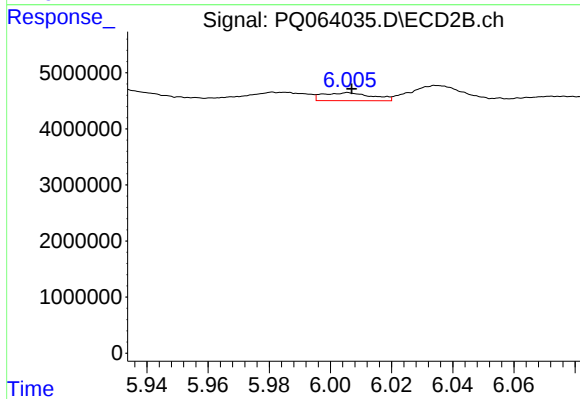
#33 AR-1260-3

R.T.: 5.546 min
Delta R.T.: 0.003 min
Response: 9798335
Conc: 43.38 ng/ml



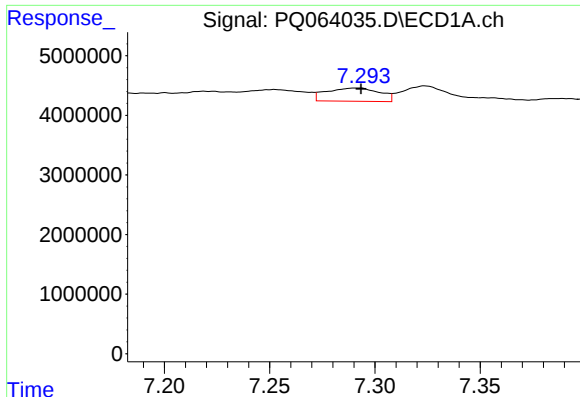
#34 AR-1260-4

R.T.: 6.995 min
Delta R.T.: 0.014 min
Response: 4095619
Conc: 22.20 ng/ml



#34 AR-1260-4

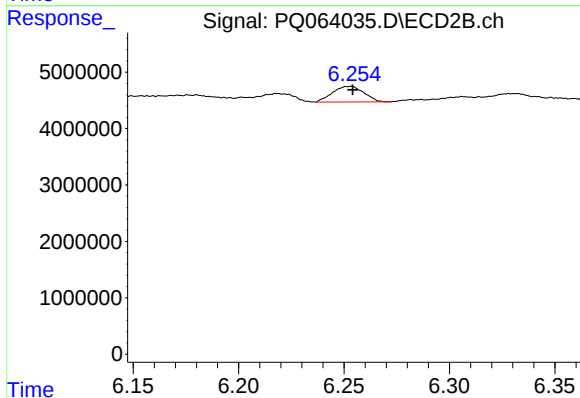
R.T.: 6.006 min
Delta R.T.: -0.001 min
Response: 1583092
Conc: 9.20 ng/ml



#35 AR-1260-5

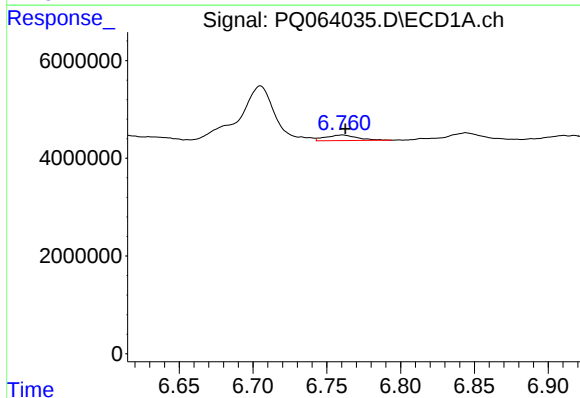
R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 3871412
Conc: 10.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



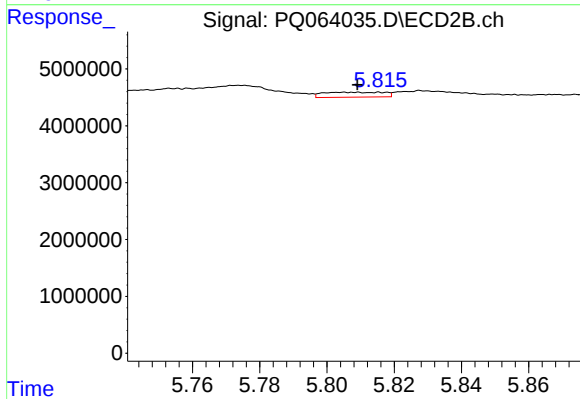
#35 AR-1260-5

R.T.: 6.253 min
Delta R.T.: -0.001 min
Response: 2847575
Conc: 7.14 ng/ml



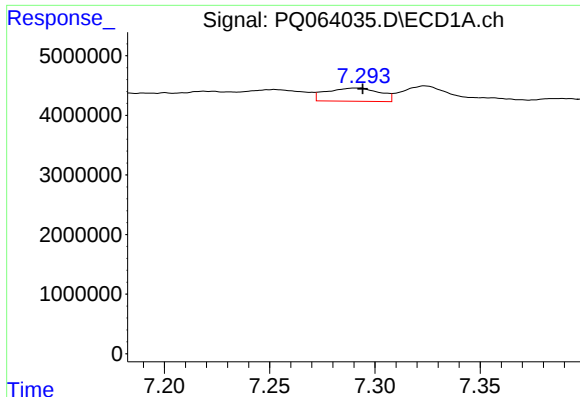
#36 AR-1262-1

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 1704134
Conc: 6.52 ng/ml



#36 AR-1262-1

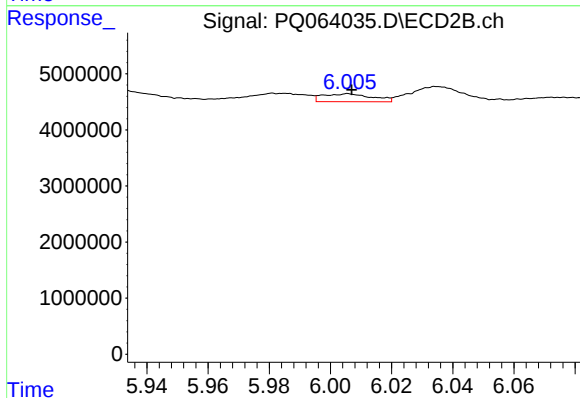
R.T.: 5.805 min
Delta R.T.: -0.004 min
Response: 1075969
Conc: 9.83 ng/ml



#37 AR-1262-2

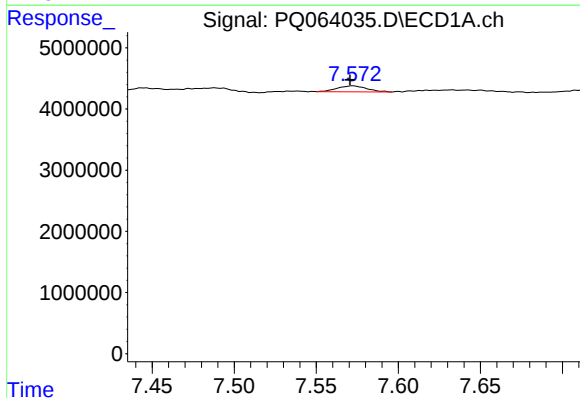
R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 3871412
Conc: 9.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



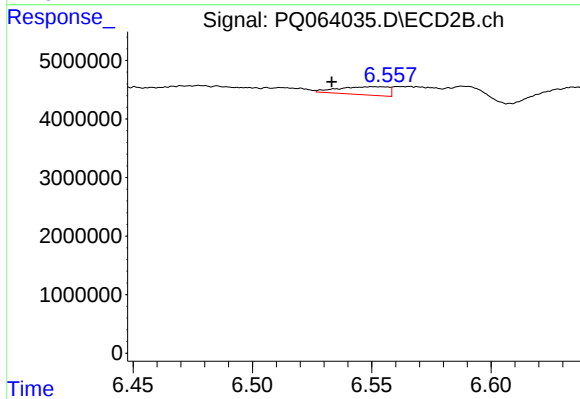
#37 AR-1262-2

R.T.: 6.006 min
Delta R.T.: -0.001 min
Response: 1583092
Conc: 6.41 ng/ml



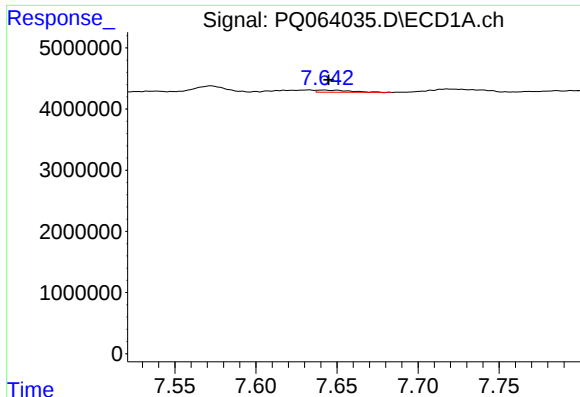
#38 AR-1262-3

R.T.: 7.572 min
Delta R.T.: 0.002 min
Response: 1228487
Conc: 4.29 ng/ml



#38 AR-1262-3

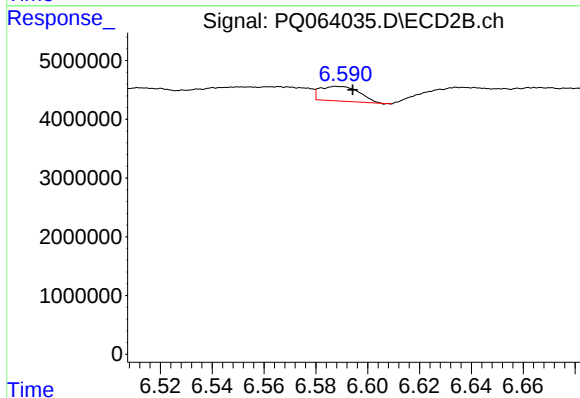
R.T.: 6.552 min
Delta R.T.: 0.018 min
Response: 2033356
Conc: 10.04 ng/ml



#39 AR-1262-4

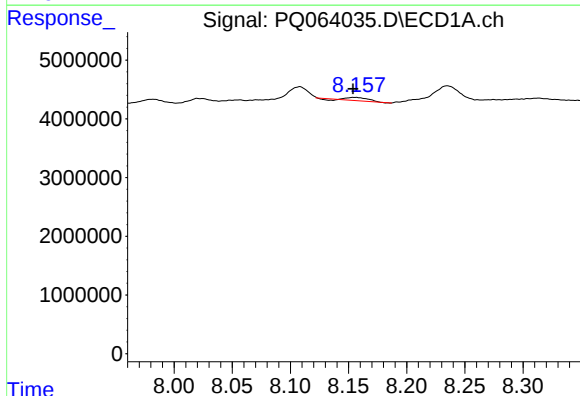
R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 494333
Conc: 2.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



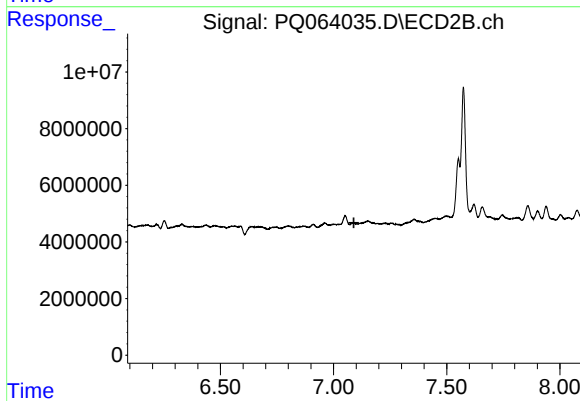
#39 AR-1262-4

R.T.: 6.589 min
Delta R.T.: -0.006 min
Response: 2650714
Conc: 7.11 ng/ml



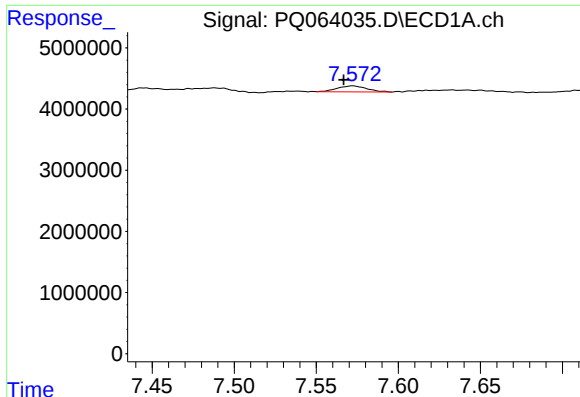
#40 AR-1262-5

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 632849
Conc: 4.44 ng/ml



#40 AR-1262-5

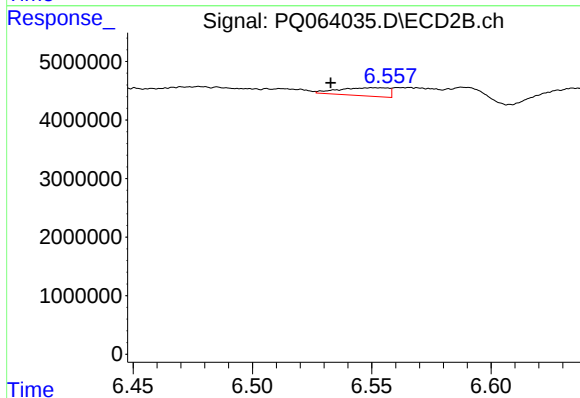
R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: -599412
Conc: N.D.



#41 AR-1268-1

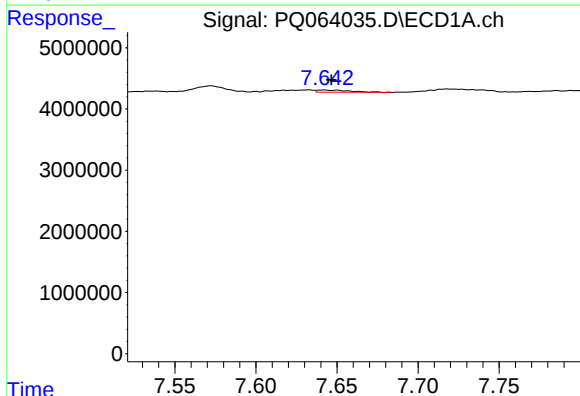
R.T.: 7.572 min
Delta R.T.: 0.006 min
Response: 1228487
Conc: 2.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



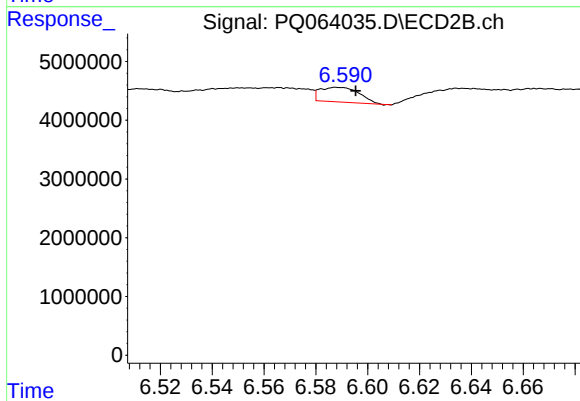
#41 AR-1268-1

R.T.: 6.552 min
Delta R.T.: 0.019 min
Response: 2033356
Conc: 3.54 ng/ml



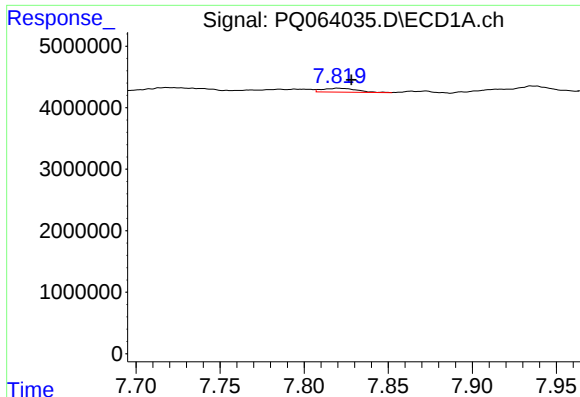
#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: -0.005 min
Response: 494333
Conc: 1.10 ng/ml



#42 AR-1268-2

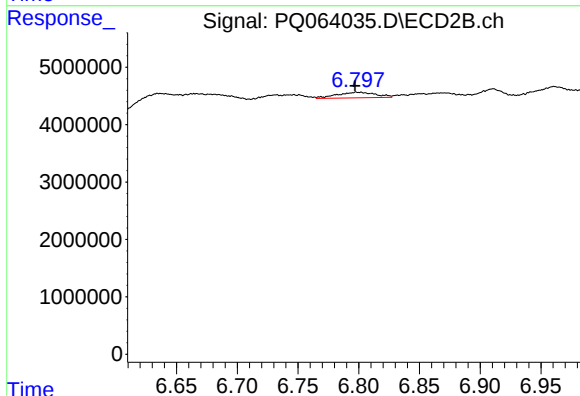
R.T.: 6.589 min
Delta R.T.: -0.007 min
Response: 2650714
Conc: 5.11 ng/ml



#43 AR-1268-3

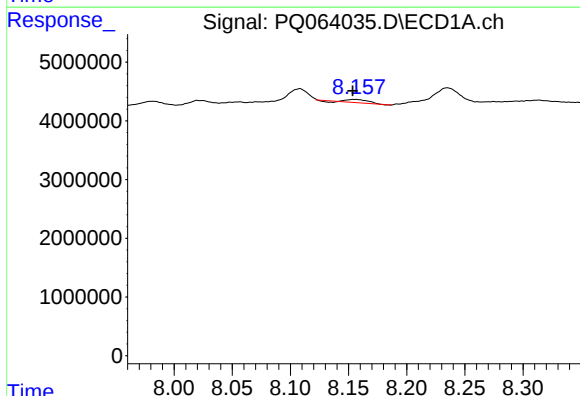
R.T.: 7.820 min
Delta R.T.: -0.008 min
Response: 878380
Conc: 2.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



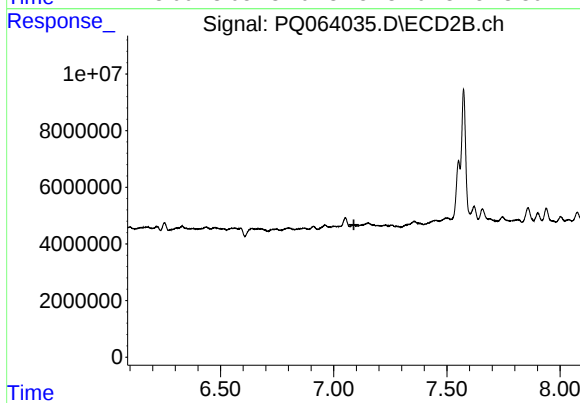
#43 AR-1268-3

R.T.: 6.798 min
Delta R.T.: 0.001 min
Response: 2149523
Conc: 4.64 ng/ml



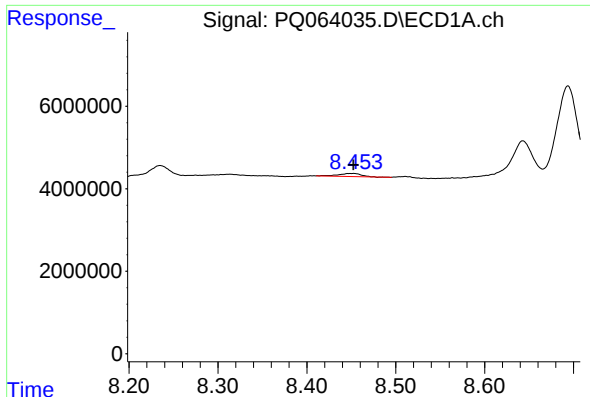
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.002 min
Response: 632849
Conc: 4.05 ng/ml



#44 AR-1268-4

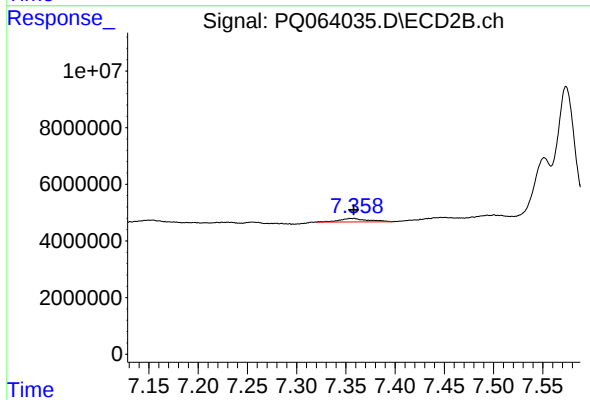
R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: -599412
Conc: N.D.



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 1311346
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 2477230
Conc: 1.62 ng/ml