

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110822\
 Data File : PQ059989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2022 16:49
 Operator : YP\AJ
 Sample : N5499-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 21:14:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 01 17:05:38 2022
 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...	3.457	2.807	157.5E6	164.3E6	13.054	20.704 #
2)	SA Decachlor...	8.634f	7.571	59999636	68689240	8.223	9.443
Target Compounds							
3)	L1 AR-1016-1	4.554	3.793f	2991923	8439972	6.886	31.845 #
4)	L1 AR-1016-2	4.578	3.838	5841246	4022080	9.304	10.207
5)	L1 AR-1016-3	4.643	3.974	7505784	1482734	19.387	7.243 #
6)	L1 AR-1016-4	4.731	4.013f	12229832	5401980	37.981	33.938
7)	L1 AR-1016-5	4.992f	4.229	1453042	4684214	4.747	22.734 #
8)	L2 AR-1221-1	3.655	3.014	17363310	10682396	119.139	116.567
9)	L2 AR-1221-2	3.735	3.078	14832150	11091973	134.979	162.564
10)	L2 AR-1221-3	3.824f	3.180f	22495965	14846607	69.467	69.764
11)	L3 AR-1232-1	3.824f	3.180f	22495965	14846607	91.399	91.554
12)	L3 AR-1232-2	4.285	3.838	8366224	4022080	55.102	23.355 #
13)	L3 AR-1232-3	4.578	3.974	5841246	1482734	21.540	16.562
14)	L3 AR-1232-4	4.731	4.058	12229832	4250916	86.459	57.779 #
15)	L3 AR-1232-5	4.810	4.229	2722785	4684214	27.462	53.092 #
16)	L4 AR-1242-1	4.554	3.793f	2991923	8439972	8.895	41.006 #
17)	L4 AR-1242-2	4.578	3.838	5841246	4022080	11.937	13.087
18)	L4 AR-1242-3	4.643	3.974	7505784	1482734	24.996	9.292 #
19)	L4 AR-1242-4	4.731	4.058	12229832	4250916	48.529	28.987 #
20)	L4 AR-1242-5	5.412f	4.587f	169.0E6	16891853	635.292	82.372 #
21)	L5 AR-1248-1	4.554	3.793f	2991923	8439972	11.731	53.210 #
22)	L5 AR-1248-2	4.810	4.013f	2722785	5401980	8.331	25.053 #
23)	L5 AR-1248-3	4.992f	4.058	1453042	4250916	3.703	20.199 #
24)	L5 AR-1248-4	5.412	4.229	169.0E6	4684214	381.812	17.603 #
25)	L5 AR-1248-5	5.412f	4.587f	169.0E6	16891853	387.378	64.395 #
26)	L6 AR-1254-1	5.375	4.587f	3451721	16891853	7.636	41.525 #
27)	L6 AR-1254-2	0.000	4.712	0	1638252	N.D.	4.555 #
28)	L6 AR-1254-3	5.931	5.109	5397748	6158985	7.403	10.732 #
29)	L6 AR-1254-4	6.209f	5.323	4346357	1622669	8.081	4.450 #
30)	L6 AR-1254-5	6.647	0.000	4400069	0	7.409	N.D. #
31)	L7 AR-1260-1	6.094	5.219	1112089	688795	1.988	1.739
32)	L7 AR-1260-2	6.361	5.405	10245726	2816653	15.302	5.846 #
33)	L7 AR-1260-3	6.716	5.565	2998618	520665	7.043	1.123 #
34)	L7 AR-1260-4	6.942	5.989f	1459088	7198716	2.916	21.048 #
35)	L7 AR-1260-5	7.245	6.274f	2791445	1809985	2.855	2.178
36)	L8 AR-1262-1	6.716	5.770	2998618	2915383	4.518	5.699 #
37)	L8 AR-1262-2	7.245	6.274f	2791445	1809985	2.509	1.909
38)	L8 AR-1262-3	7.523	6.539	418822	4044775	0.583	10.928 #
39)	L8 AR-1262-4	7.592	6.579f	1501471	542765	2.703	0.766 #
40)	L8 AR-1262-5	8.103	7.088	688862	999266	1.988	3.001 #
41)	L9 AR-1268-1	7.523	6.539	418822	4044775	0.334	3.656 #

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 Acq On : 08 Nov 2022 16:49
 Operator : YP\AJ
 Sample : N5499-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

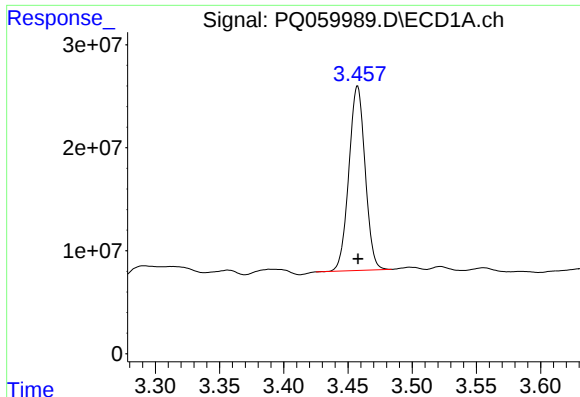
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 21:14:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.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	7.592	6.579f	1501471	542765	1.307	0.531 #
43) L9	AR-1268-3	7.773	6.781f	463765	2359372	0.501	2.703 #
44) L9	AR-1268-4	8.103	7.088	688862	999266	1.772	2.653 #
45) L9	AR-1268-5	8.373	7.355	116042	2193337	0.044	0.787 #

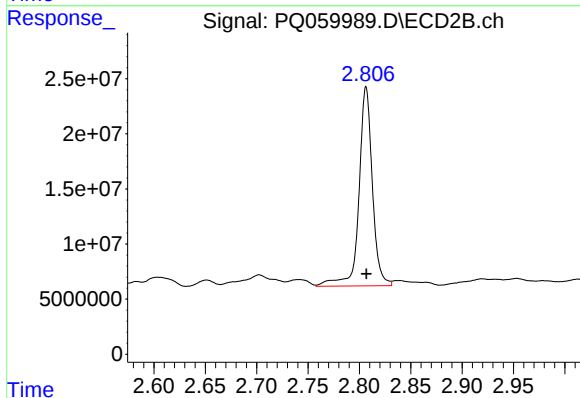
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

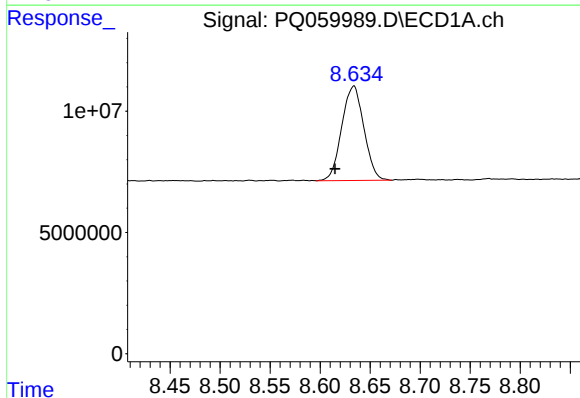
R.T.: 3.457 min
Delta R.T.: 0.000 min
Response: 157506859
Conc: 13.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



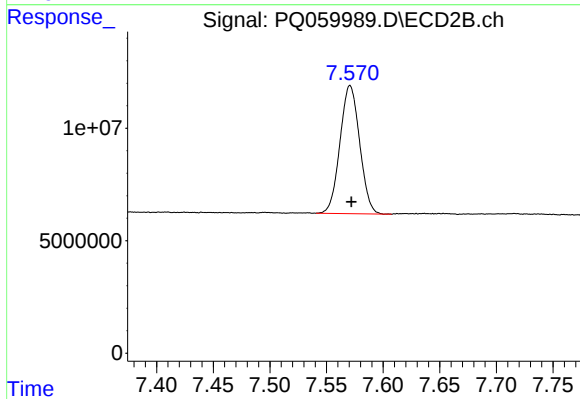
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.000 min
Response: 164269553
Conc: 20.70 ng/ml



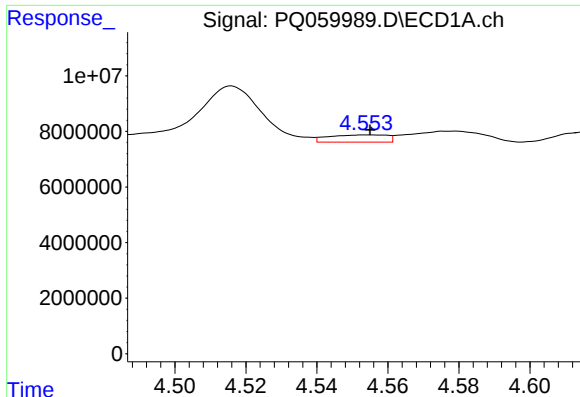
#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: 0.019 min
Response: 59999636
Conc: 8.22 ng/ml



#2 Decachlorobiphenyl

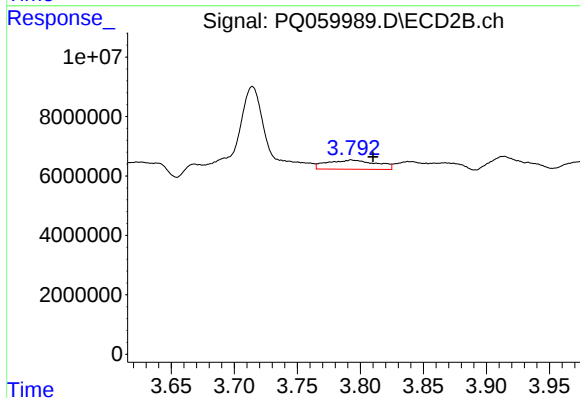
R.T.: 7.571 min
Delta R.T.: -0.001 min
Response: 68689240
Conc: 9.44 ng/ml



#3 AR-1016-1

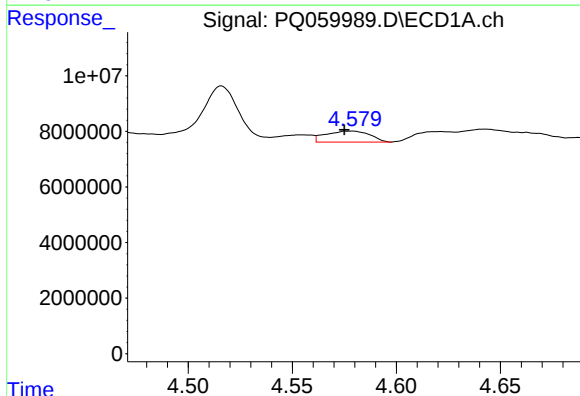
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 2991923
Conc: 6.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



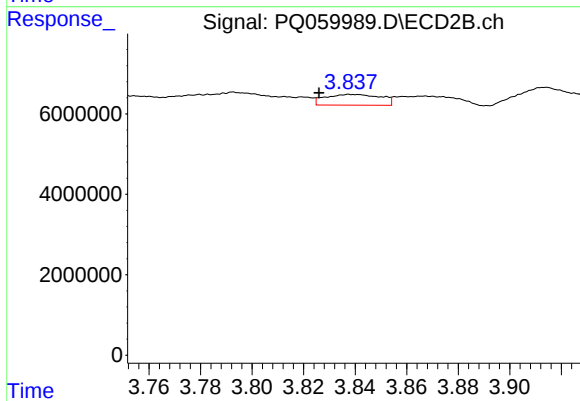
#3 AR-1016-1

R.T.: 3.793 min
Delta R.T.: -0.017 min
Response: 8439972
Conc: 31.85 ng/ml



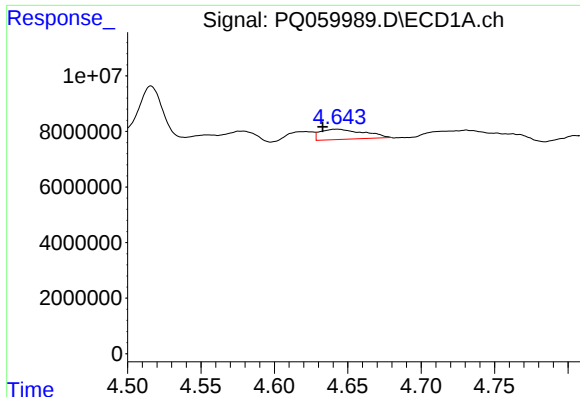
#4 AR-1016-2

R.T.: 4.578 min
Delta R.T.: 0.003 min
Response: 5841246
Conc: 9.30 ng/ml



#4 AR-1016-2

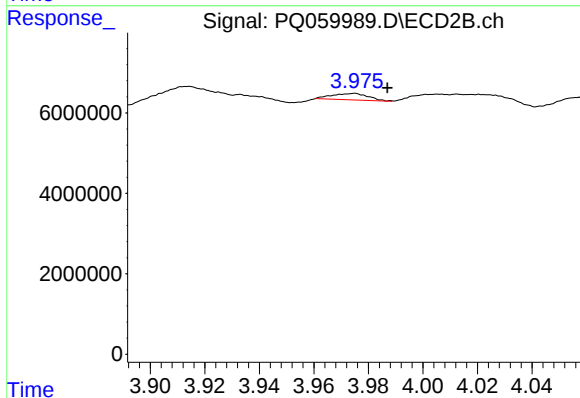
R.T.: 3.838 min
Delta R.T.: 0.012 min
Response: 4022080
Conc: 10.21 ng/ml



#5 AR-1016-3

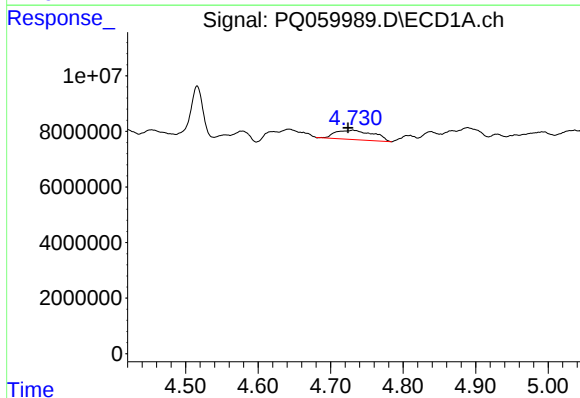
R.T.: 4.643 min
Delta R.T.: 0.010 min
Response: 7505784
Conc: 19.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



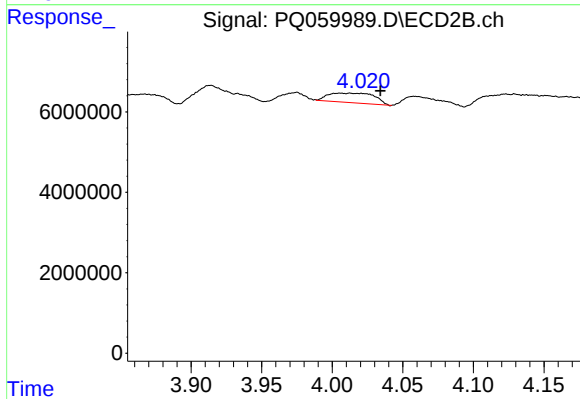
#5 AR-1016-3

R.T.: 3.974 min
Delta R.T.: -0.013 min
Response: 1482734
Conc: 7.24 ng/ml



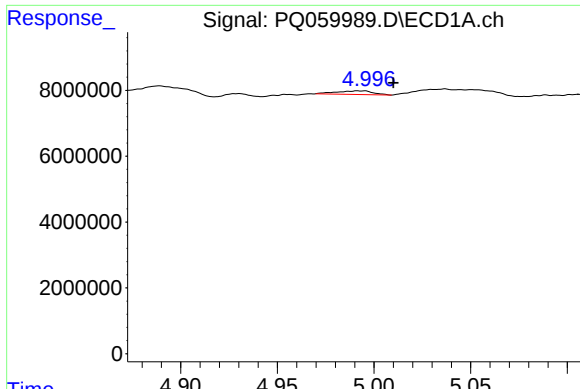
#6 AR-1016-4

R.T.: 4.731 min
Delta R.T.: 0.007 min
Response: 12229832
Conc: 37.98 ng/ml



#6 AR-1016-4

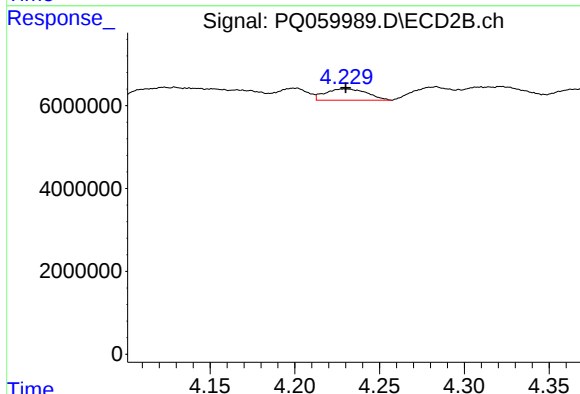
R.T.: 4.013 min
Delta R.T.: -0.021 min
Response: 5401980
Conc: 33.94 ng/ml



#7 AR-1016-5

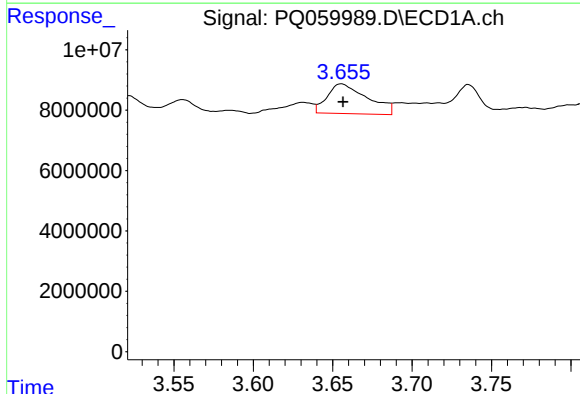
R.T.: 4.992 min
Delta R.T.: -0.018 min
Response: 1453042
Conc: 4.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



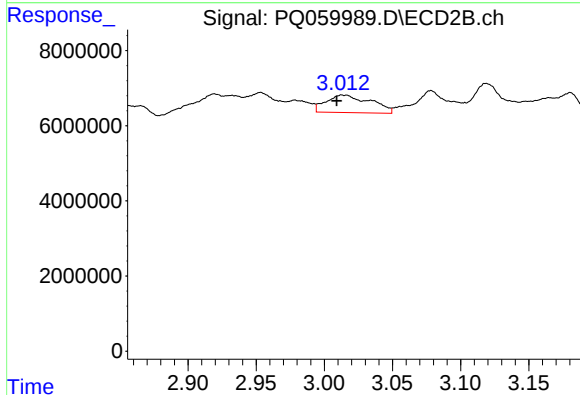
#7 AR-1016-5

R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 4684214
Conc: 22.73 ng/ml



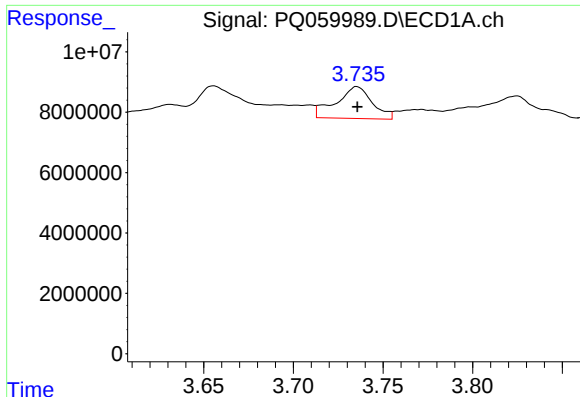
#8 AR-1221-1

R.T.: 3.655 min
Delta R.T.: -0.001 min
Response: 17363310
Conc: 119.14 ng/ml



#8 AR-1221-1

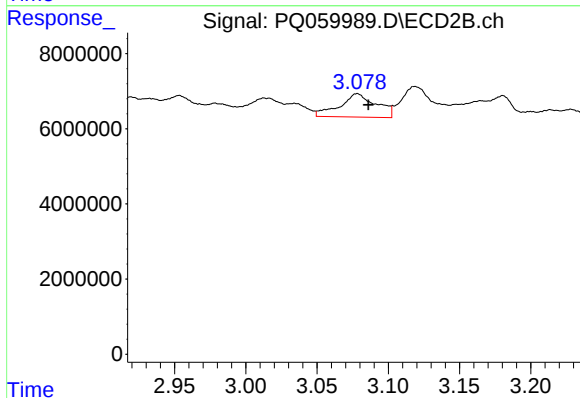
R.T.: 3.014 min
Delta R.T.: 0.005 min
Response: 10682396
Conc: 116.57 ng/ml



#9 AR-1221-2

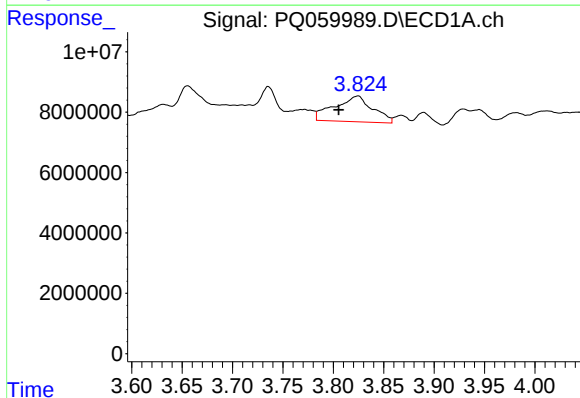
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 14832150
Conc: 134.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



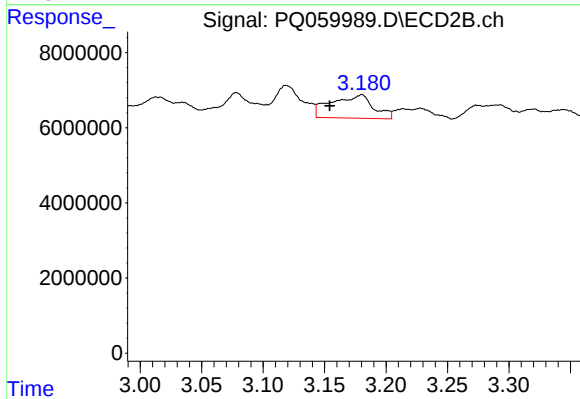
#9 AR-1221-2

R.T.: 3.078 min
Delta R.T.: -0.008 min
Response: 11091973
Conc: 162.56 ng/ml



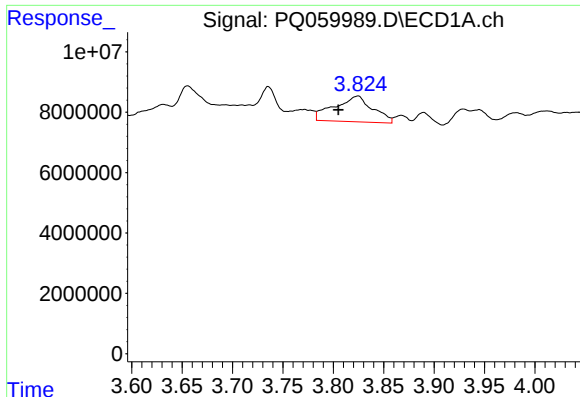
#10 AR-1221-3

R.T.: 3.824 min
Delta R.T.: 0.019 min
Response: 22495965
Conc: 69.47 ng/ml



#10 AR-1221-3

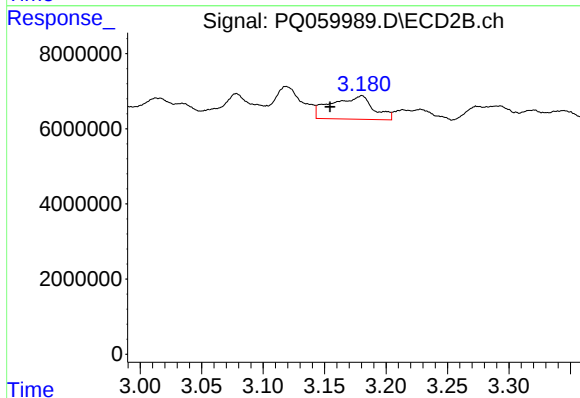
R.T.: 3.180 min
Delta R.T.: 0.026 min
Response: 14846607
Conc: 69.76 ng/ml



#11 AR-1232-1

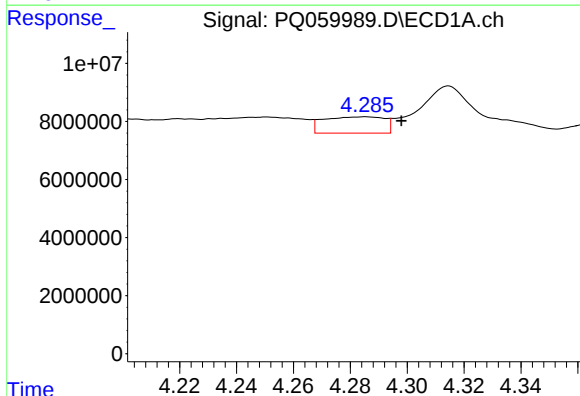
R.T.: 3.824 min
Delta R.T.: 0.019 min
Response: 22495965
Conc: 91.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



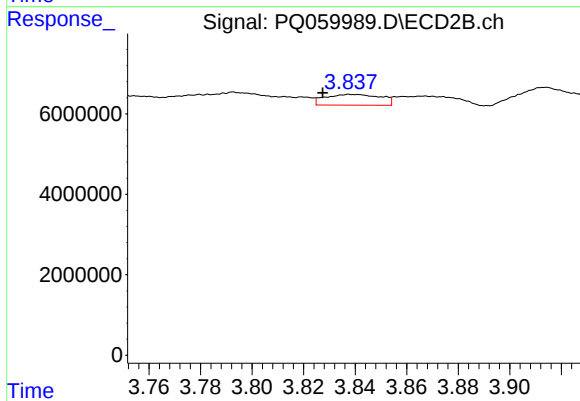
#11 AR-1232-1

R.T.: 3.180 min
Delta R.T.: 0.026 min
Response: 14846607
Conc: 91.55 ng/ml



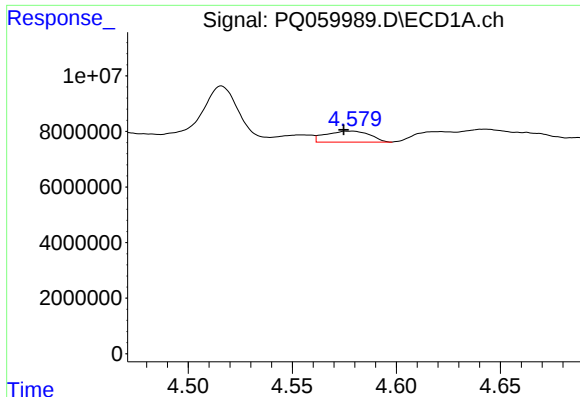
#12 AR-1232-2

R.T.: 4.285 min
Delta R.T.: -0.013 min
Response: 8366224
Conc: 55.10 ng/ml



#12 AR-1232-2

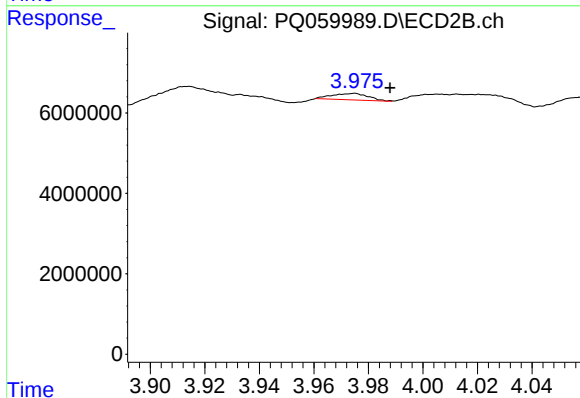
R.T.: 3.838 min
Delta R.T.: 0.011 min
Response: 4022080
Conc: 23.36 ng/ml



#13 AR-1232-3

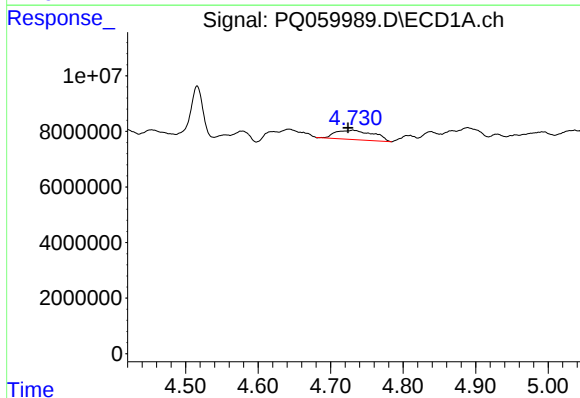
R.T.: 4.578 min
Delta R.T.: 0.003 min
Response: 5841246
Conc: 21.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



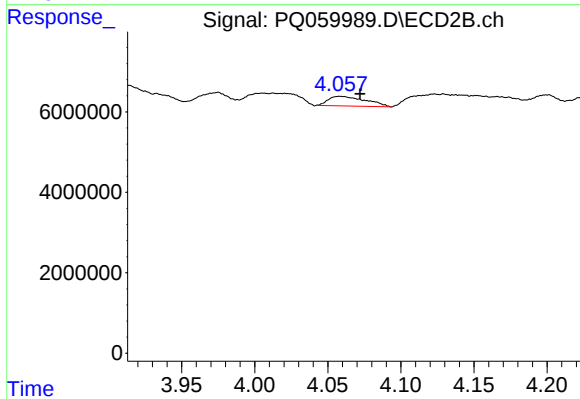
#13 AR-1232-3

R.T.: 3.974 min
Delta R.T.: -0.013 min
Response: 1482734
Conc: 16.56 ng/ml



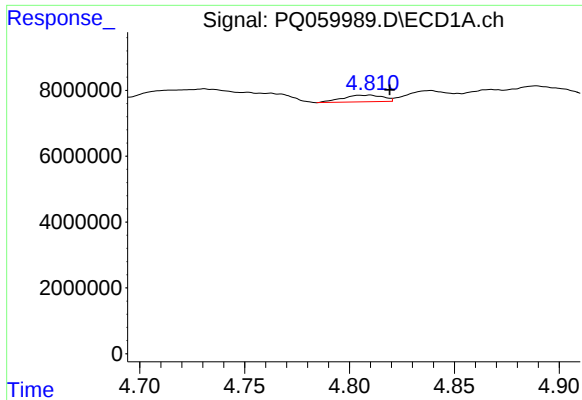
#14 AR-1232-4

R.T.: 4.731 min
Delta R.T.: 0.006 min
Response: 12229832
Conc: 86.46 ng/ml



#14 AR-1232-4

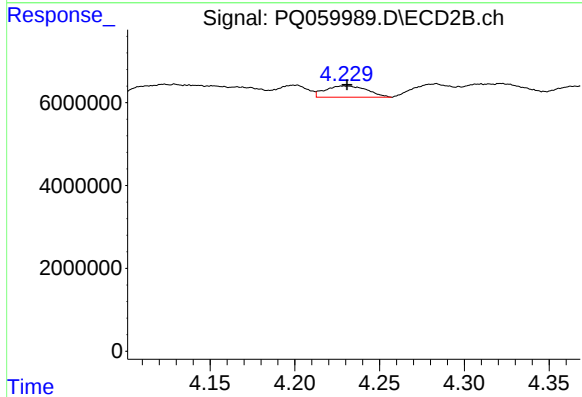
R.T.: 4.058 min
Delta R.T.: -0.014 min
Response: 4250916
Conc: 57.78 ng/ml



#15 AR-1232-5

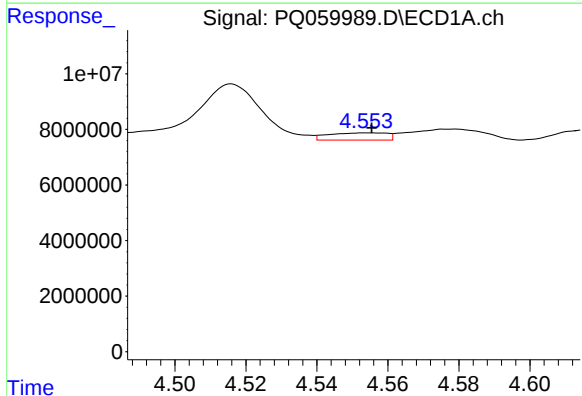
R.T.: 4.810 min
Delta R.T.: -0.010 min
Response: 2722785
Conc: 27.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



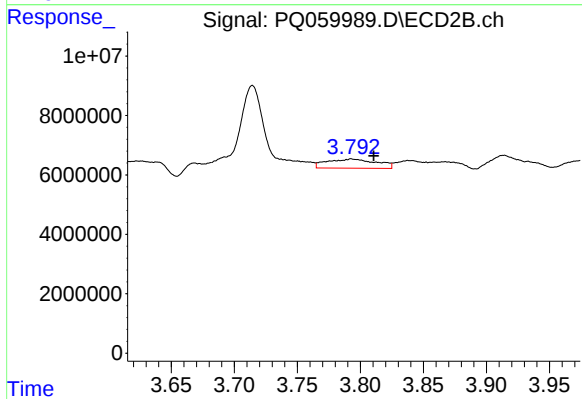
#15 AR-1232-5

R.T.: 4.229 min
Delta R.T.: -0.001 min
Response: 4684214
Conc: 53.09 ng/ml



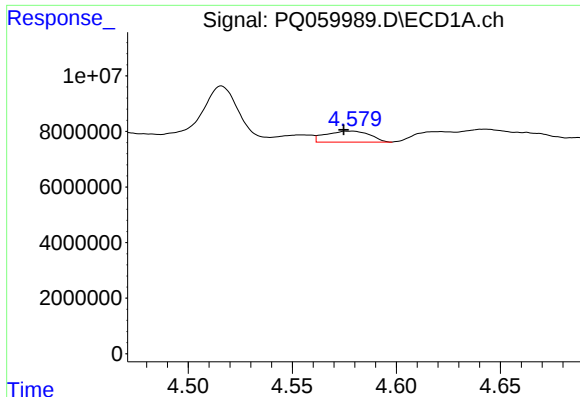
#16 AR-1242-1

R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 2991923
Conc: 8.89 ng/ml



#16 AR-1242-1

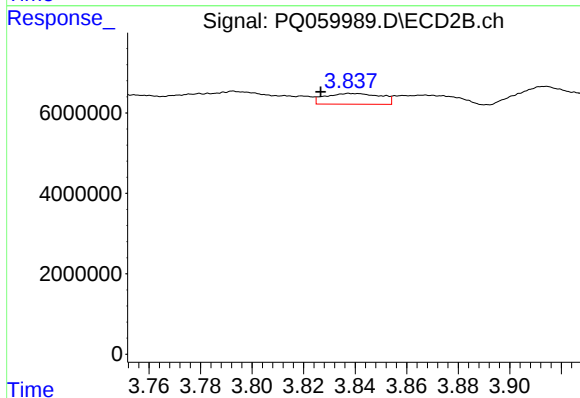
R.T.: 3.793 min
Delta R.T.: -0.018 min
Response: 8439972
Conc: 41.01 ng/ml



#17 AR-1242-2

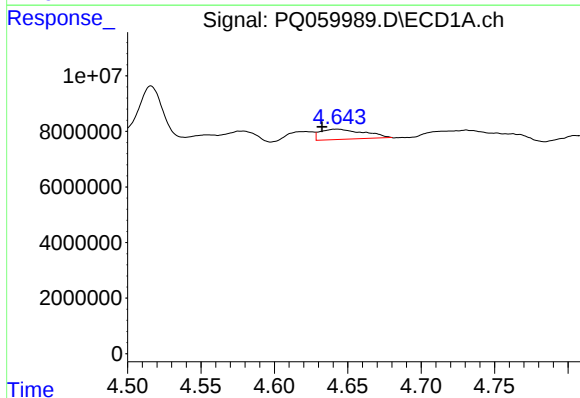
R.T.: 4.578 min
Delta R.T.: 0.003 min
Response: 5841246
Conc: 11.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



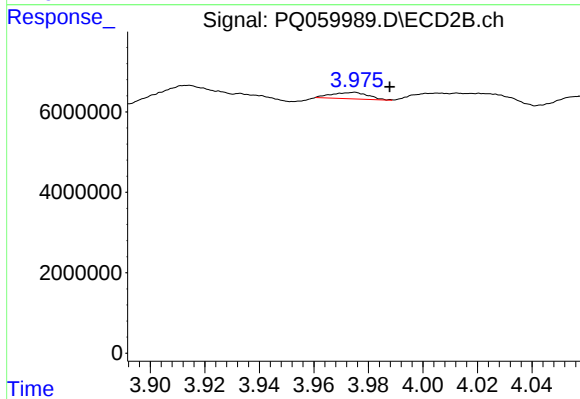
#17 AR-1242-2

R.T.: 3.838 min
Delta R.T.: 0.012 min
Response: 4022080
Conc: 13.09 ng/ml



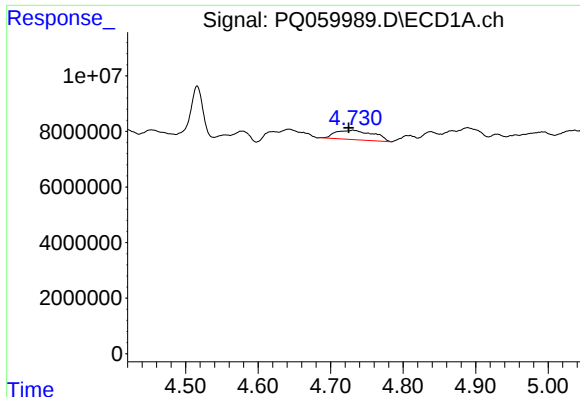
#18 AR-1242-3

R.T.: 4.643 min
Delta R.T.: 0.010 min
Response: 7505784
Conc: 25.00 ng/ml



#18 AR-1242-3

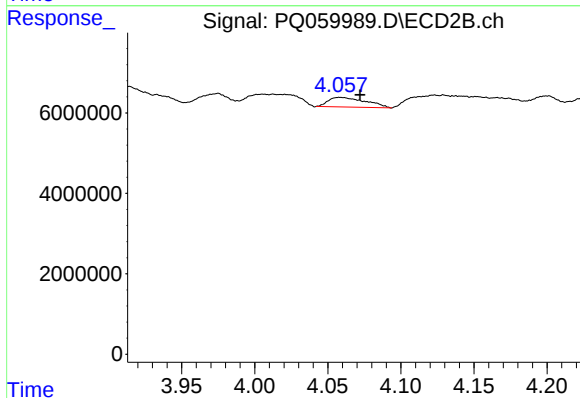
R.T.: 3.974 min
Delta R.T.: -0.013 min
Response: 1482734
Conc: 9.29 ng/ml



#19 AR-1242-4

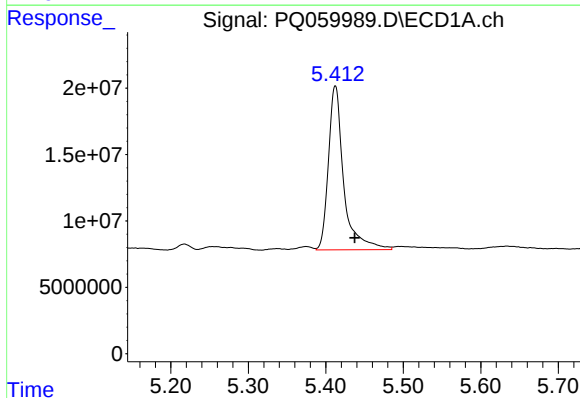
R.T.: 4.731 min
Delta R.T.: 0.006 min
Response: 12229832
Conc: 48.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



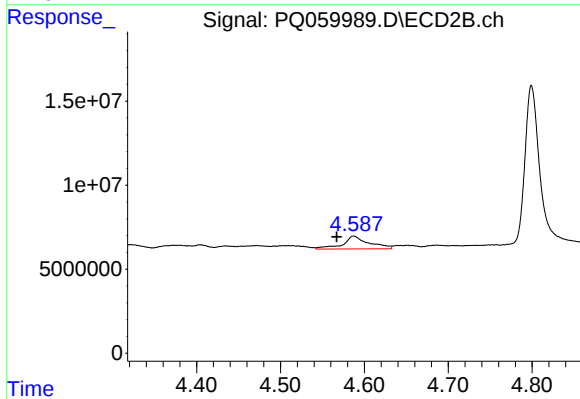
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.014 min
Response: 4250916
Conc: 28.99 ng/ml



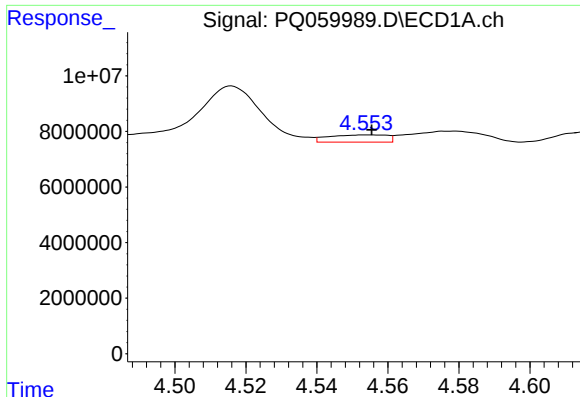
#20 AR-1242-5

R.T.: 5.412 min
Delta R.T.: -0.025 min
Response: 169037437
Conc: 635.29 ng/ml



#20 AR-1242-5

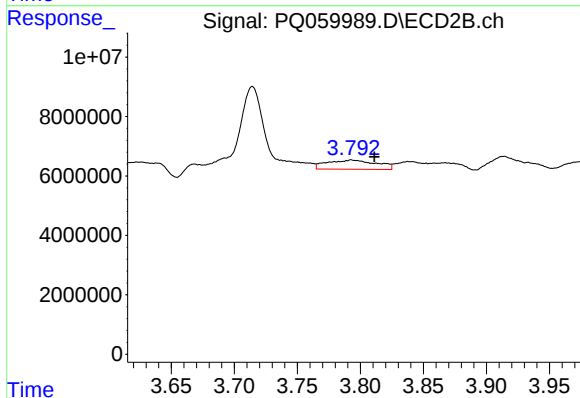
R.T.: 4.587 min
Delta R.T.: 0.020 min
Response: 16891853
Conc: 82.37 ng/ml



#21 AR-1248-1

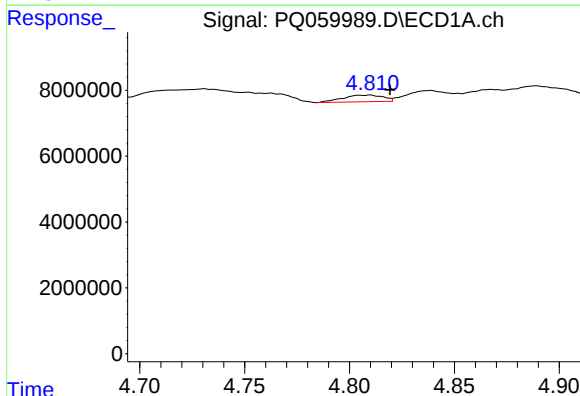
R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 2991923
Conc: 11.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



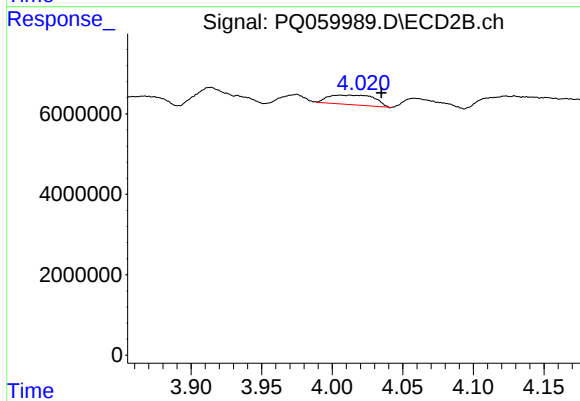
#21 AR-1248-1

R.T.: 3.793 min
Delta R.T.: -0.018 min
Response: 8439972
Conc: 53.21 ng/ml



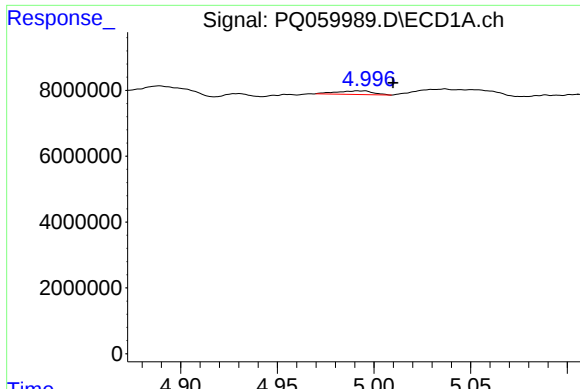
#22 AR-1248-2

R.T.: 4.810 min
Delta R.T.: -0.010 min
Response: 2722785
Conc: 8.33 ng/ml



#22 AR-1248-2

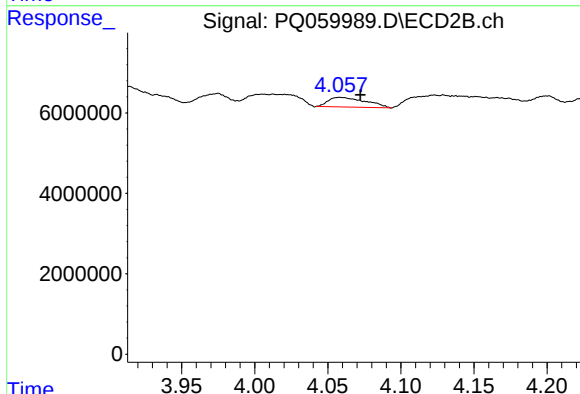
R.T.: 4.013 min
Delta R.T.: -0.022 min
Response: 5401980
Conc: 25.05 ng/ml



#23 AR-1248-3

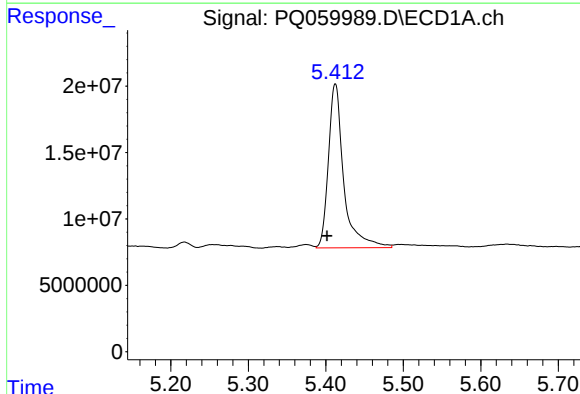
R.T.: 4.992 min
Delta R.T.: -0.018 min
Response: 1453042
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



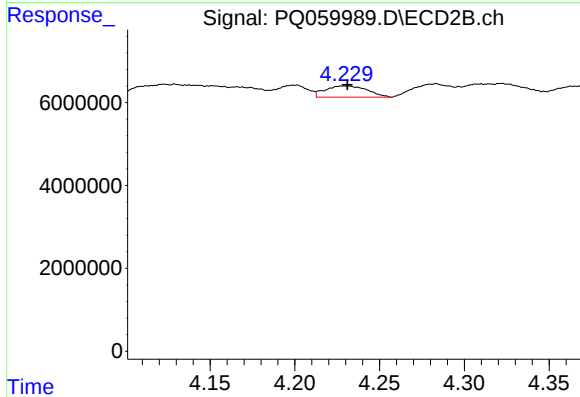
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.014 min
Response: 4250916
Conc: 20.20 ng/ml



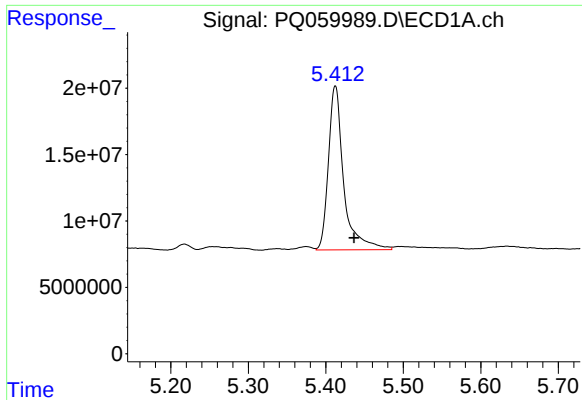
#24 AR-1248-4

R.T.: 5.412 min
Delta R.T.: 0.011 min
Response: 169037437
Conc: 381.81 ng/ml



#24 AR-1248-4

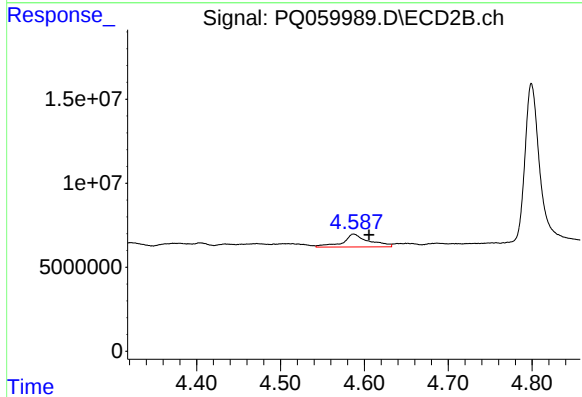
R.T.: 4.229 min
Delta R.T.: -0.001 min
Response: 4684214
Conc: 17.60 ng/ml



#25 AR-1248-5

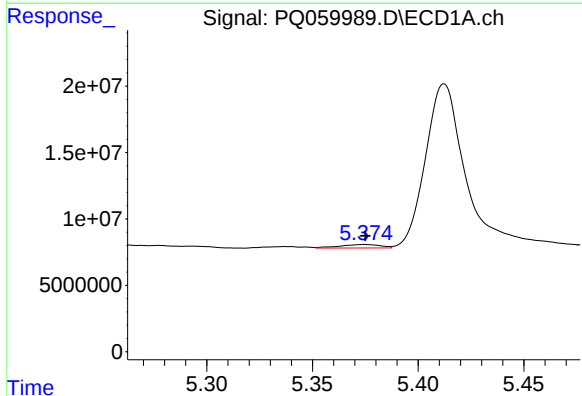
R.T.: 5.412 min
Delta R.T.: -0.024 min
Response: 169037437
Conc: 387.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



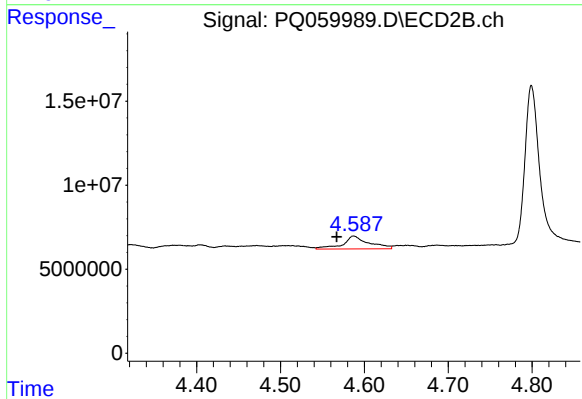
#25 AR-1248-5

R.T.: 4.587 min
Delta R.T.: -0.018 min
Response: 16891853
Conc: 64.40 ng/ml



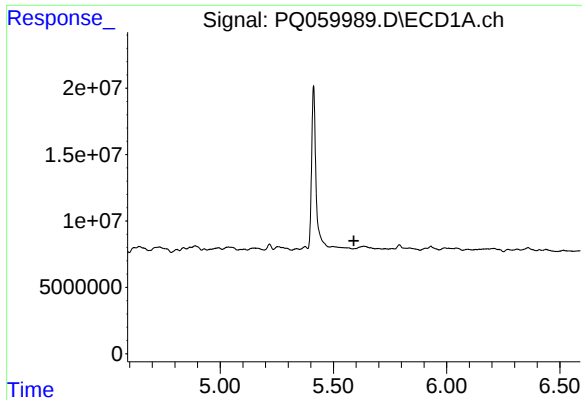
#26 AR-1254-1

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 3451721
Conc: 7.64 ng/ml



#26 AR-1254-1

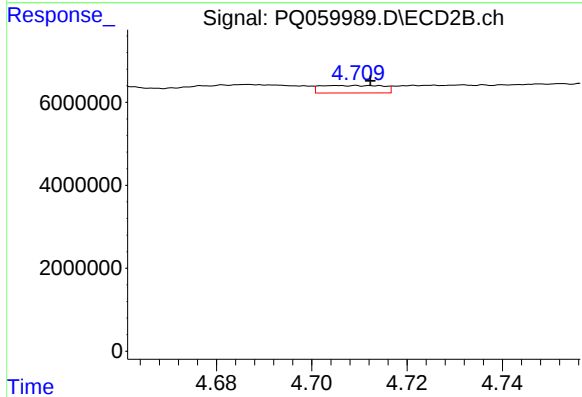
R.T.: 4.587 min
Delta R.T.: 0.020 min
Response: 16891853
Conc: 41.52 ng/ml



#27 AR-1254-2

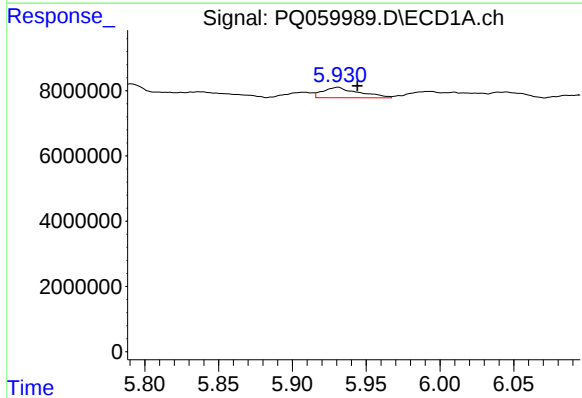
R.T.: 0.000 min
Exp R.T.: 5.591 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



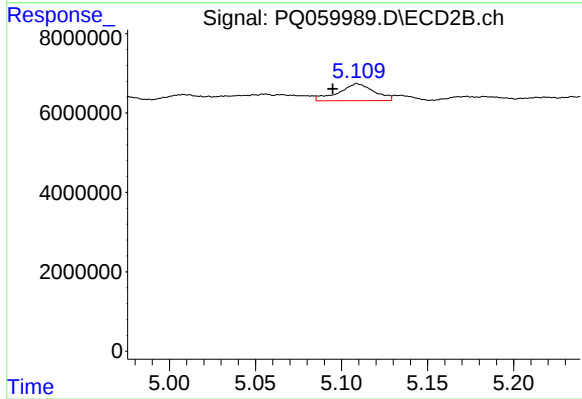
#27 AR-1254-2

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 1638252
Conc: 4.55 ng/ml



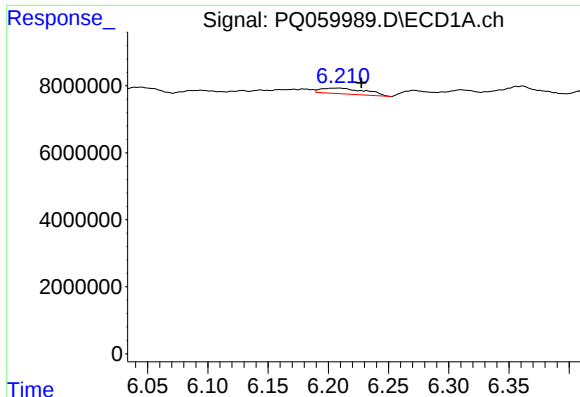
#28 AR-1254-3

R.T.: 5.931 min
Delta R.T.: -0.013 min
Response: 5397748
Conc: 7.40 ng/ml



#28 AR-1254-3

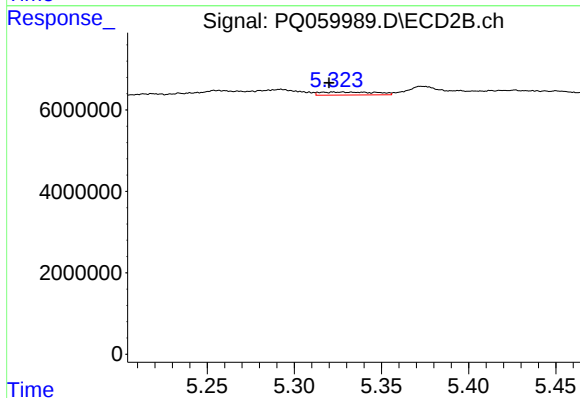
R.T.: 5.109 min
Delta R.T.: 0.014 min
Response: 6158985
Conc: 10.73 ng/ml



#29 AR-1254-4

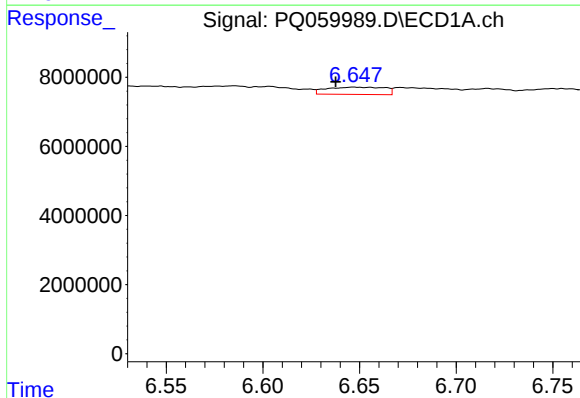
R.T.: 6.209 min
Delta R.T.: -0.019 min
Response: 4346357
Conc: 8.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



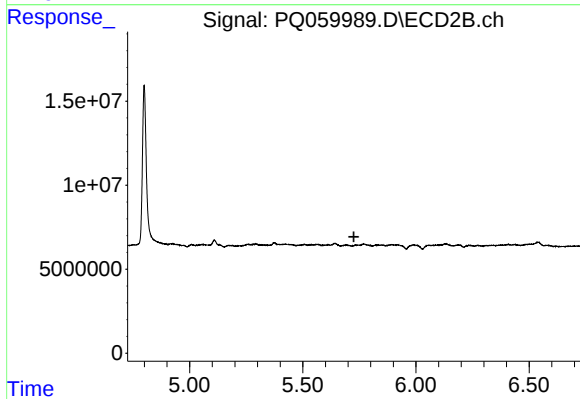
#29 AR-1254-4

R.T.: 5.323 min
Delta R.T.: 0.003 min
Response: 1622669
Conc: 4.45 ng/ml



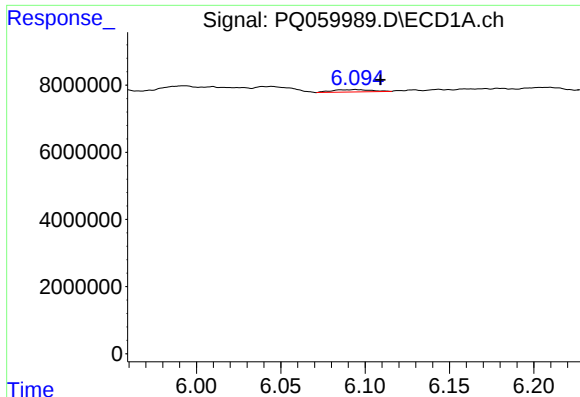
#30 AR-1254-5

R.T.: 6.647 min
Delta R.T.: 0.009 min
Response: 4400069
Conc: 7.41 ng/ml



#30 AR-1254-5

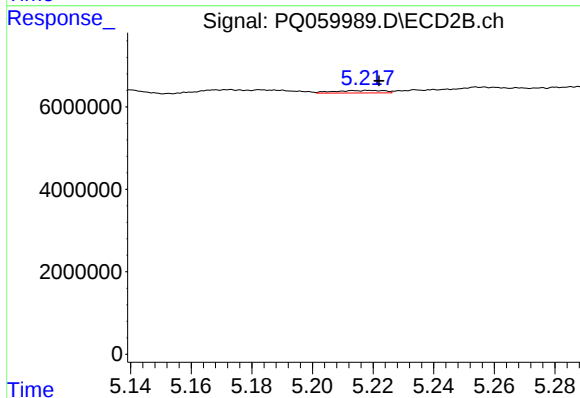
R.T.: 0.000 min
Exp R.T. : 5.726 min
Response: 0
Conc: N.D.



#31 AR-1260-1

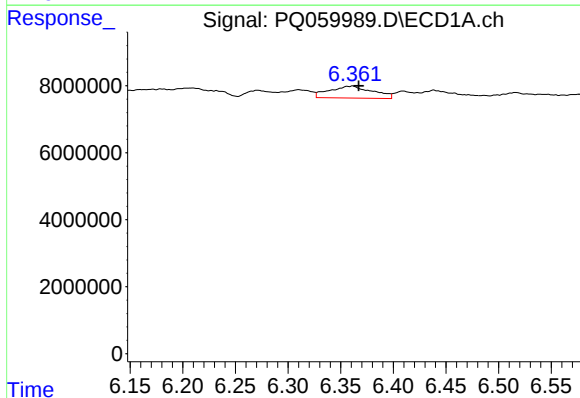
R.T.: 6.094 min
Delta R.T.: -0.015 min
Response: 1112089
Conc: 1.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



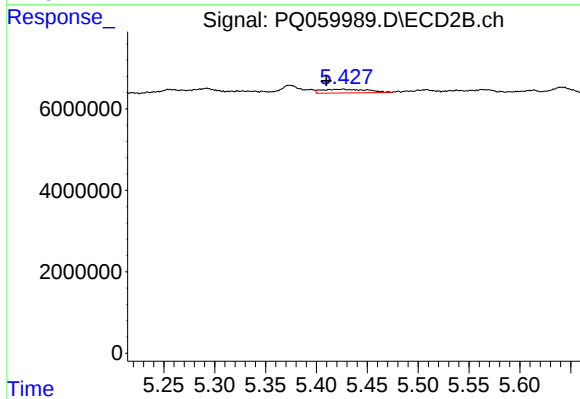
#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: -0.003 min
Response: 688795
Conc: 1.74 ng/ml



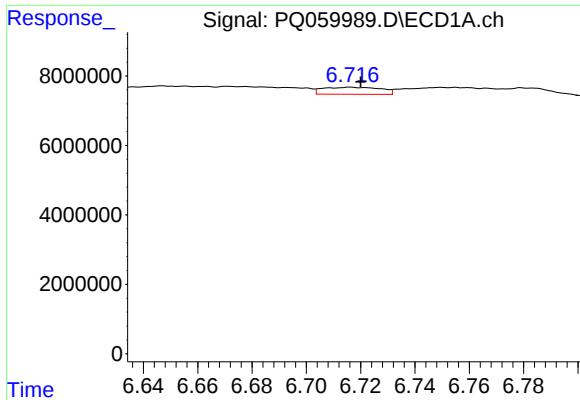
#32 AR-1260-2

R.T.: 6.361 min
Delta R.T.: -0.006 min
Response: 10245726
Conc: 15.30 ng/ml



#32 AR-1260-2

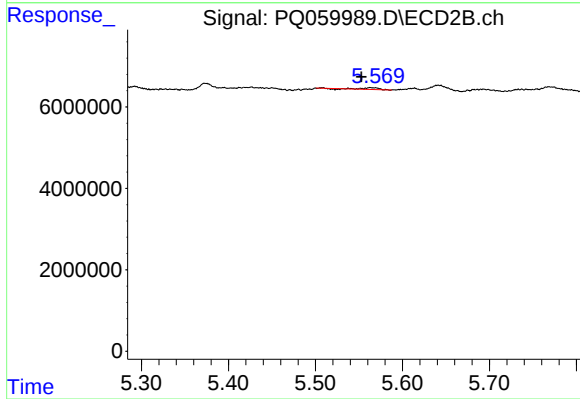
R.T.: 5.405 min
Delta R.T.: -0.005 min
Response: 2816653
Conc: 5.85 ng/ml



#33 AR-1260-3

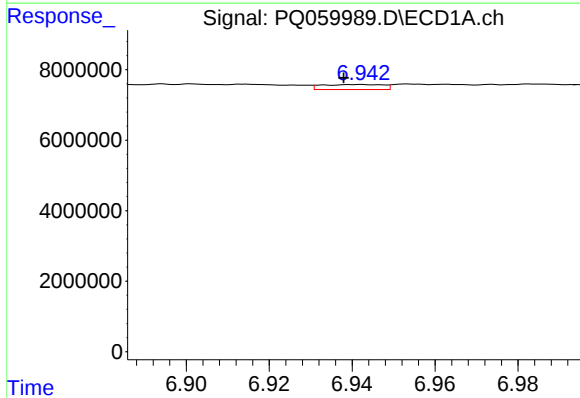
R.T.: 6.716 min
Delta R.T.: -0.004 min
Response: 2998618
Conc: 7.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



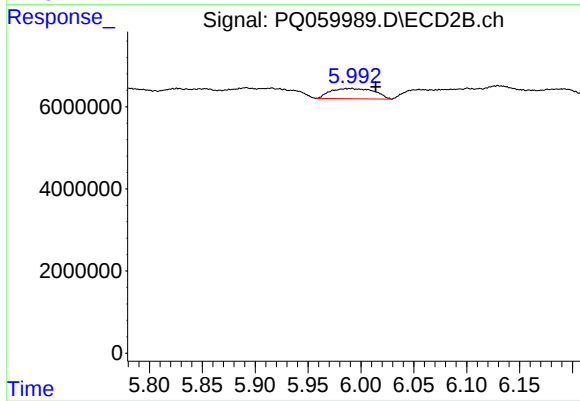
#33 AR-1260-3

R.T.: 5.565 min
Delta R.T.: 0.012 min
Response: 520665
Conc: 1.12 ng/ml



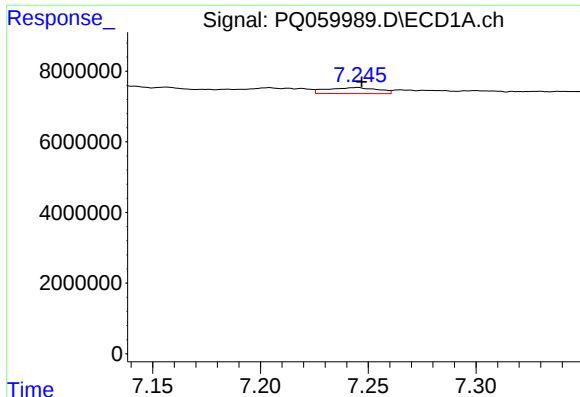
#34 AR-1260-4

R.T.: 6.942 min
Delta R.T.: 0.004 min
Response: 1459088
Conc: 2.92 ng/ml



#34 AR-1260-4

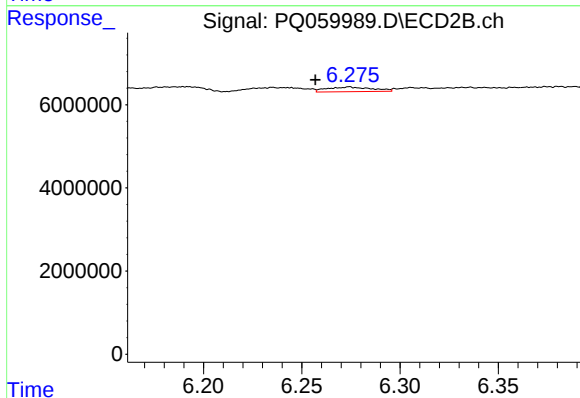
R.T.: 5.989 min
Delta R.T.: -0.025 min
Response: 7198716
Conc: 21.05 ng/ml



#35 AR-1260-5

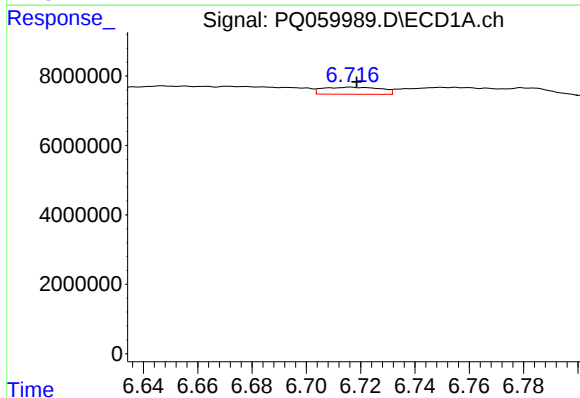
R.T.: 7.245 min
Delta R.T.: -0.002 min
Response: 2791445
Conc: 2.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



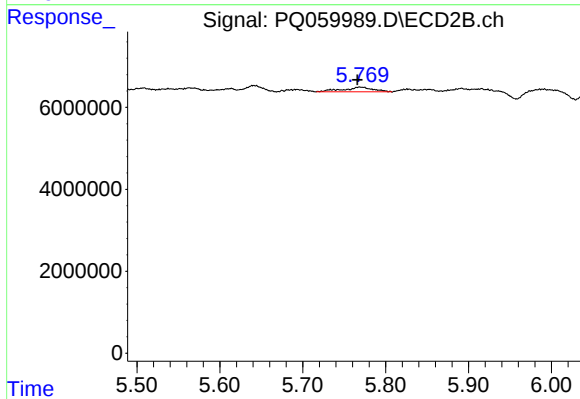
#35 AR-1260-5

R.T.: 6.274 min
Delta R.T.: 0.017 min
Response: 1809985
Conc: 2.18 ng/ml



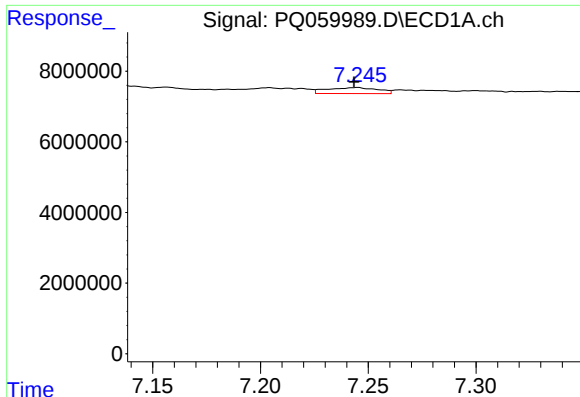
#36 AR-1262-1

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 2998618
Conc: 4.52 ng/ml



#36 AR-1262-1

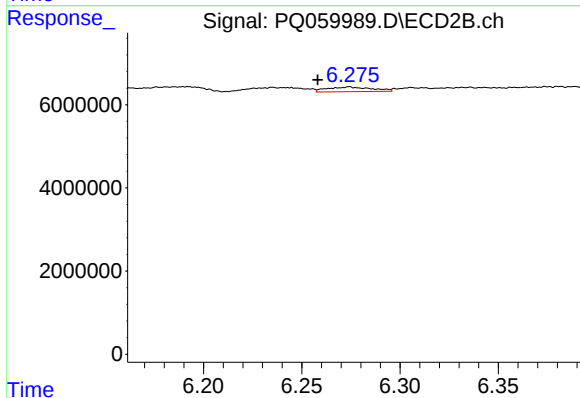
R.T.: 5.770 min
Delta R.T.: 0.004 min
Response: 2915383
Conc: 5.70 ng/ml



#37 AR-1262-2

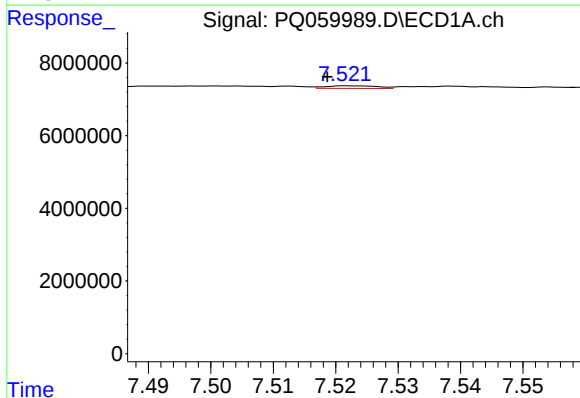
R.T.: 7.245 min
Delta R.T.: 0.001 min
Response: 2791445
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



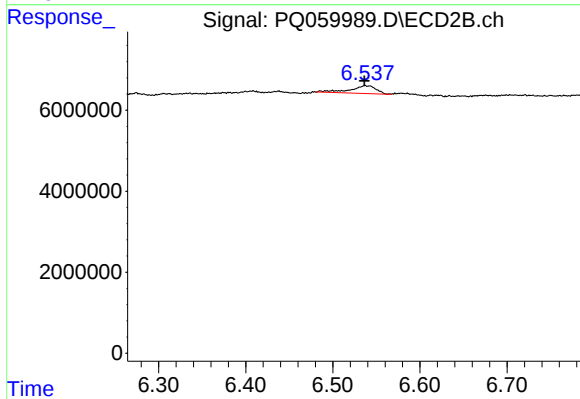
#37 AR-1262-2

R.T.: 6.274 min
Delta R.T.: 0.016 min
Response: 1809985
Conc: 1.91 ng/ml



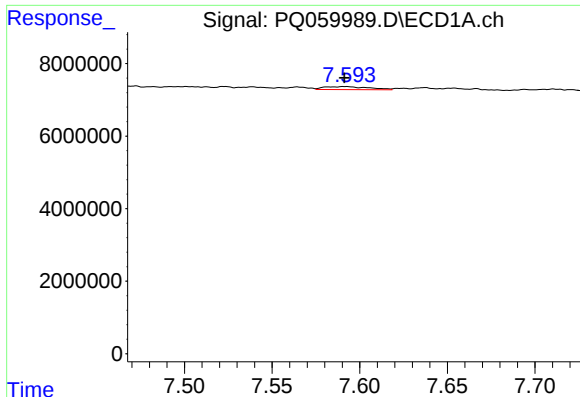
#38 AR-1262-3

R.T.: 7.523 min
Delta R.T.: 0.004 min
Response: 418822
Conc: 0.58 ng/ml



#38 AR-1262-3

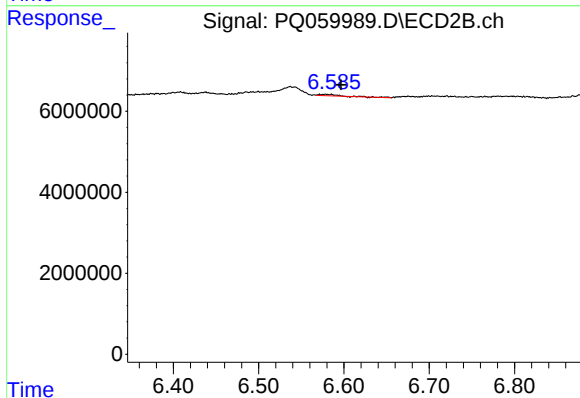
R.T.: 6.539 min
Delta R.T.: 0.002 min
Response: 4044775
Conc: 10.93 ng/ml



#39 AR-1262-4

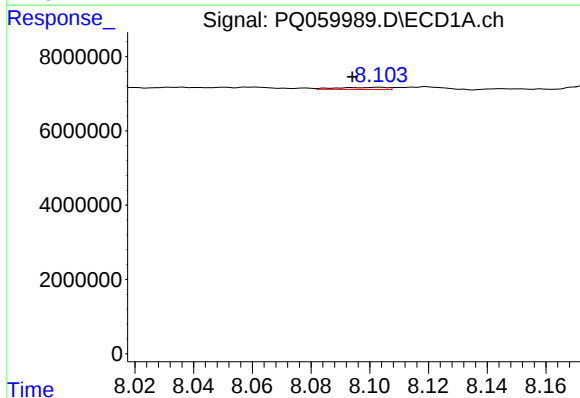
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 1501471
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



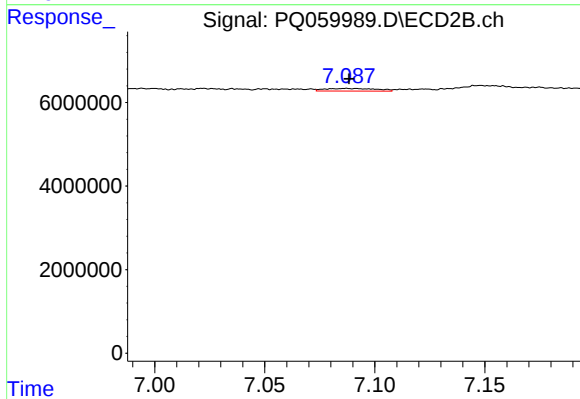
#39 AR-1262-4

R.T.: 6.579 min
Delta R.T.: -0.018 min
Response: 542765
Conc: 0.77 ng/ml



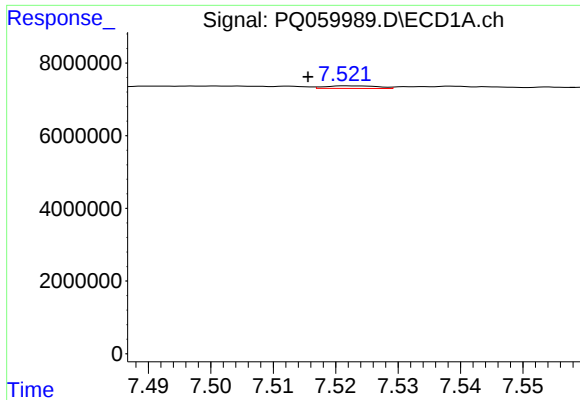
#40 AR-1262-5

R.T.: 8.103 min
Delta R.T.: 0.009 min
Response: 688862
Conc: 1.99 ng/ml



#40 AR-1262-5

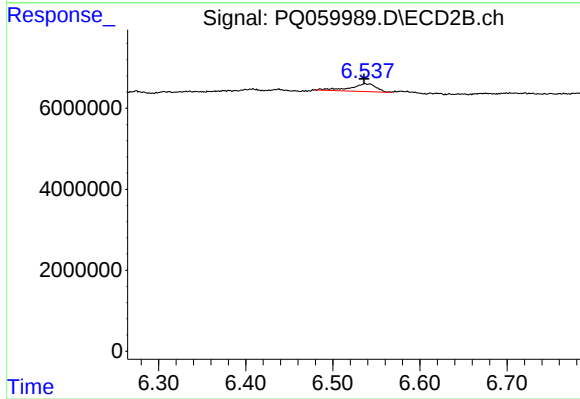
R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 999266
Conc: 3.00 ng/ml



#41 AR-1268-1

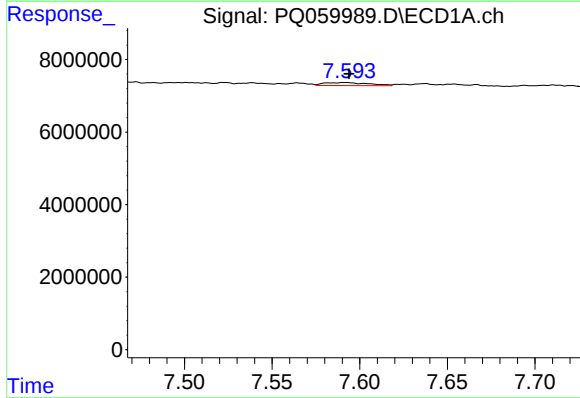
R.T.: 7.523 min
Delta R.T.: 0.007 min
Response: 418822
Conc: 0.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



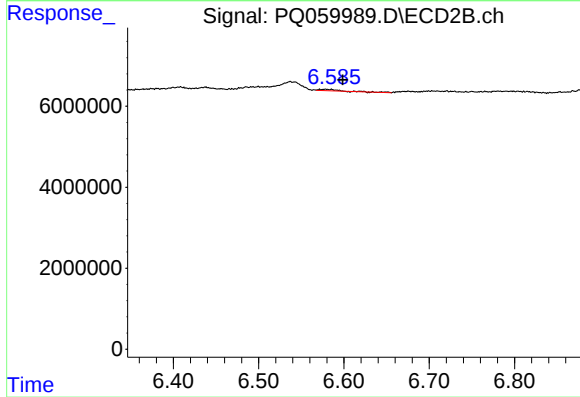
#41 AR-1268-1

R.T.: 6.539 min
Delta R.T.: 0.003 min
Response: 4044775
Conc: 3.66 ng/ml



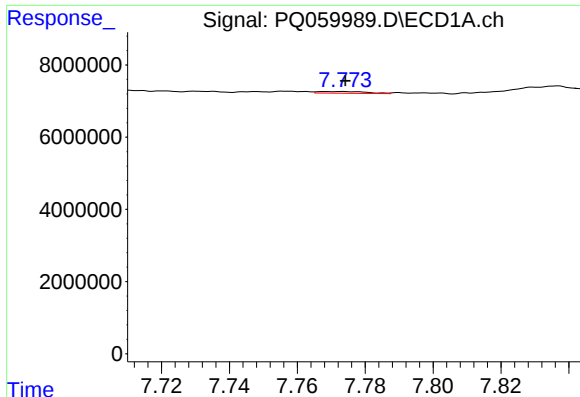
#42 AR-1268-2

R.T.: 7.592 min
Delta R.T.: -0.002 min
Response: 1501471
Conc: 1.31 ng/ml



#42 AR-1268-2

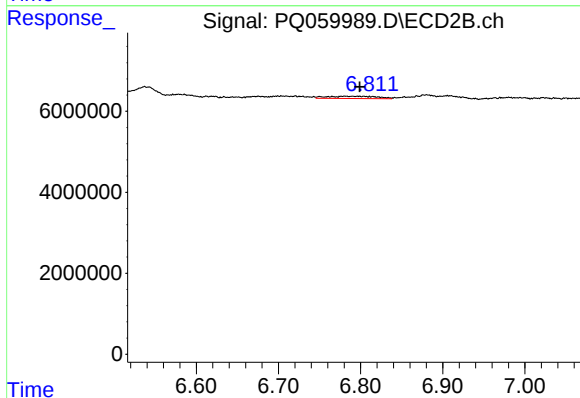
R.T.: 6.579 min
Delta R.T.: -0.020 min
Response: 542765
Conc: 0.53 ng/ml



#43 AR-1268-3

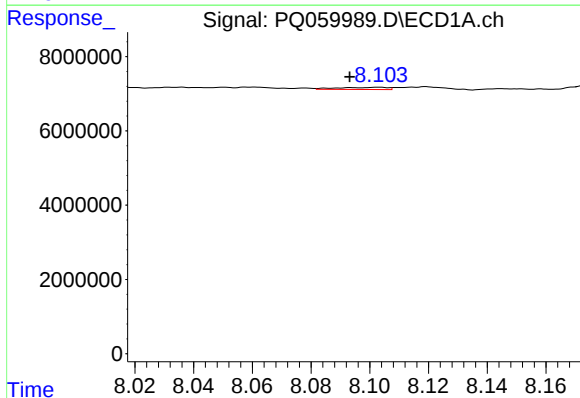
R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 463765
Conc: 0.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



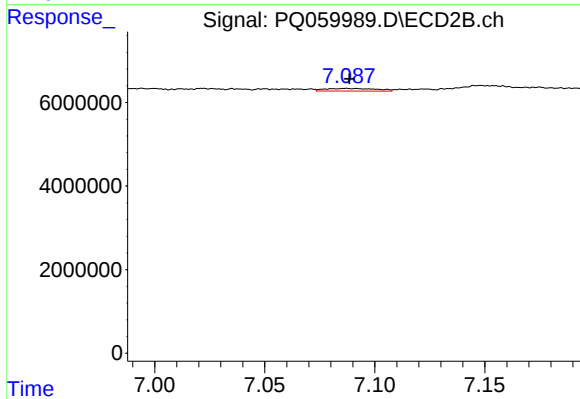
#43 AR-1268-3

R.T.: 6.781 min
Delta R.T.: -0.018 min
Response: 2359372
Conc: 2.70 ng/ml



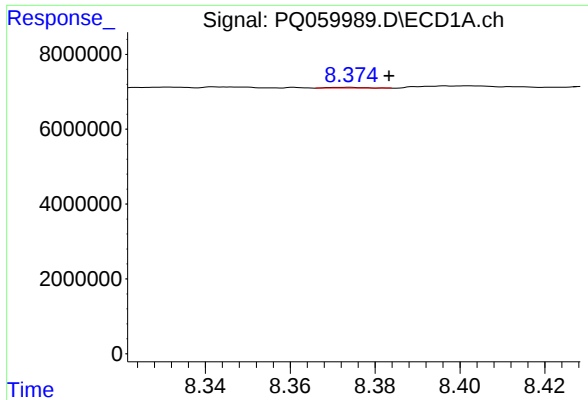
#44 AR-1268-4

R.T.: 8.103 min
Delta R.T.: 0.010 min
Response: 688862
Conc: 1.77 ng/ml



#44 AR-1268-4

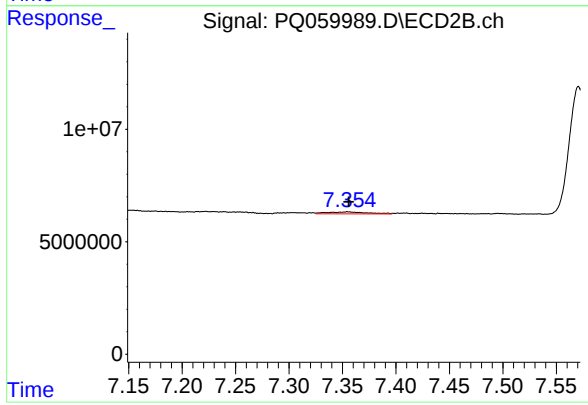
R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 999266
Conc: 2.65 ng/ml



#45 AR-1268-5

R.T.: 8.373 min
Delta R.T.: -0.010 min
Response: 116042
Conc: 0.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: -0.001 min
Response: 2193337
Conc: 0.79 ng/ml