

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 18:21
 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:28:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 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...	3.440	2.799	428.6E6	220.4E6	18.626	19.590
2)	SA Decachlor...	8.575	7.536	281.5E6	221.3E6	20.758	20.621
Target Compounds							
3)	L1 AR-1016-1	4.530	3.796	12597469	4123689	15.847	10.570 #
4)	L1 AR-1016-2	4.548	3.812	22333116	7633795	18.662	12.941 #
5)	L1 AR-1016-3	4.607	3.971	19323145	3823730	26.074	12.162 #
6)	L1 AR-1016-4	4.696	4.018	7810153	3379822	12.591	13.788
7)	L1 AR-1016-5	4.979	4.211	17247554	8441812	29.317	26.433
8)	L2 AR-1221-1	3.635	2.998	6706240	3275182	27.994	29.139
9)	L2 AR-1221-2	3.718	3.069	11295863	4517411	64.623	54.266
10)	L2 AR-1221-3	3.787	3.143	14871752	6998141	28.428	27.086
11)	L3 AR-1232-1	3.787	3.143	14871752	6998141	28.324	26.141
12)	L3 AR-1232-2	4.275	3.812	9125984	7633795	34.172	28.425
13)	L3 AR-1232-3	4.548	3.971	22333116	3823730	40.951	27.457 #
14)	L3 AR-1232-4	4.696	4.044	7810153	6869224	28.908	57.879 #
15)	L3 AR-1232-5	4.791	4.211	11704673	8441812	62.703	61.948
16)	L4 AR-1242-1	4.530	3.796	12597469	4123689	20.401	12.824 #
17)	L4 AR-1242-2	4.548	3.812	22333116	7633795	23.786	15.934 #
18)	L4 AR-1242-3	4.607	3.971	19323145	3823730	33.453	14.750 #
19)	L4 AR-1242-4	4.696	4.044	7810153	6869224	16.017	28.699 #
20)	L4 AR-1242-5	5.400	4.544	19574092	5726144	39.248	18.546 #
21)	L5 AR-1248-1	4.530	3.796	12597469	4123689	26.421	16.835 #
22)	L5 AR-1248-2	4.791	4.018	11704673	3379822	18.819	9.815 #
23)	L5 AR-1248-3	4.979	4.044	17247554	6869224	22.757	19.703
24)	L5 AR-1248-4	5.360	4.211	16281993	8441812	19.496	19.947
25)	L5 AR-1248-5	5.400	4.568	19574092	10906607	23.404	25.623
26)	L6 AR-1254-1	5.334	4.544	25844579	5726144	30.897	8.843 #
27)	L6 AR-1254-2	5.548	4.675	20031916	5456288	15.657	9.905 #
28)	L6 AR-1254-3	5.886	5.061	11747553	4705685	8.647	5.488 #
29)	L6 AR-1254-4	6.158	5.286	1737237	1093688	1.752	1.953
30)	L6 AR-1254-5	6.591f	5.702f	1777009	3547424	1.693	4.377 #
31)	L7 AR-1260-1	6.032f	5.203f	54299	1468045	0.052	2.390 #
32)	L7 AR-1260-2	0.000	5.396f	0	5262021	N.D.	7.057 #
33)	L7 AR-1260-3	6.654f	5.533f	2852523	8812225	3.191	12.124 #
34)	L7 AR-1260-4	6.900	5.961	1338677	322827	1.359	0.548 #
35)	L7 AR-1260-5	7.197	6.221	464534	279925	0.239	0.204
36)	L8 AR-1262-1	6.654	5.702	2852523	3547424	2.481	4.537 #
37)	L8 AR-1262-2	7.170	6.197	287507	381163	0.143	0.269 #
38)	L8 AR-1262-3	7.440f	6.451f	1451763	31430283	1.109	55.363 #
39)	L8 AR-1262-4	7.522	0.000	3581651	0	3.503	N.D. #
40)	L8 AR-1262-5	8.047	7.036	201252	223403	0.309	0.431 #
41)	L9 AR-1268-1	7.486f	6.451f	1930710	31430283	0.845	18.560 #

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 ALS Vial : 19 Sample Multiplier: 1

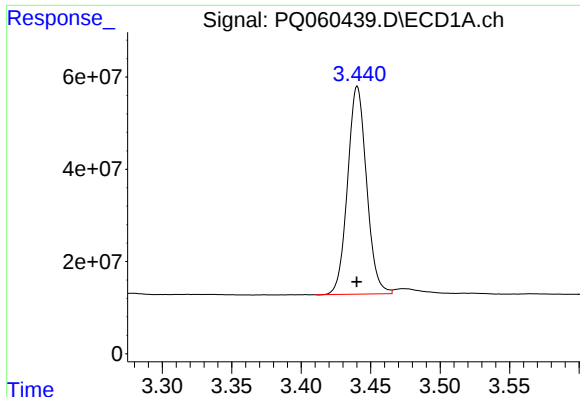
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:28:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.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	7.554	0.000	6342581	0	2.988	N.D. #
43) L9	AR-1268-3	7.712	6.763f	2021848	958760	1.162	0.704 #
44) L9	AR-1268-4	8.047	7.036	201252	223403	0.271	0.379 #
45) L9	AR-1268-5	8.348	7.320	1155535	3538536	0.224	0.830 #

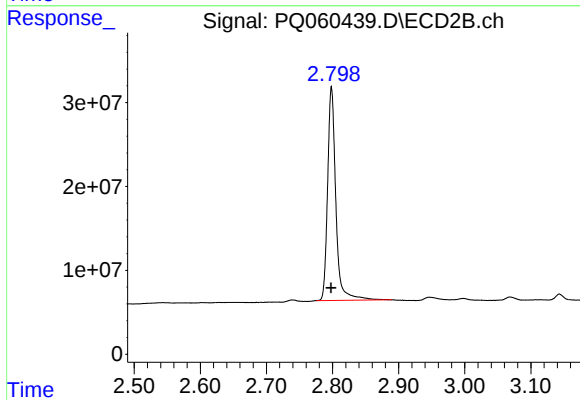
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

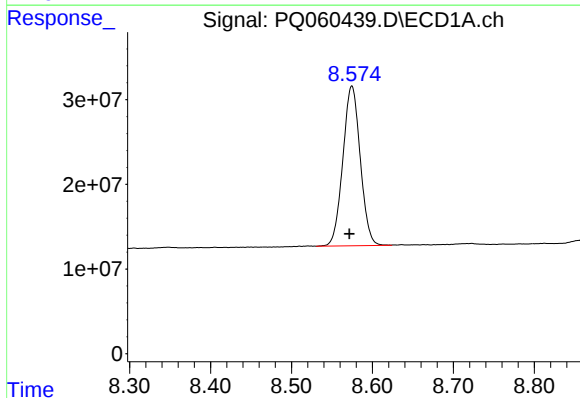
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 428584619
Conc: 18.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



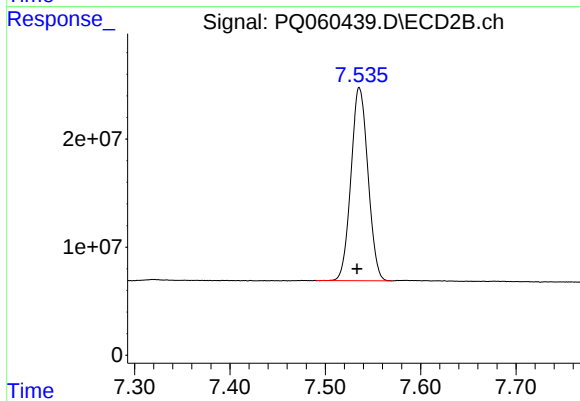
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 220378576
Conc: 19.59 ng/ml



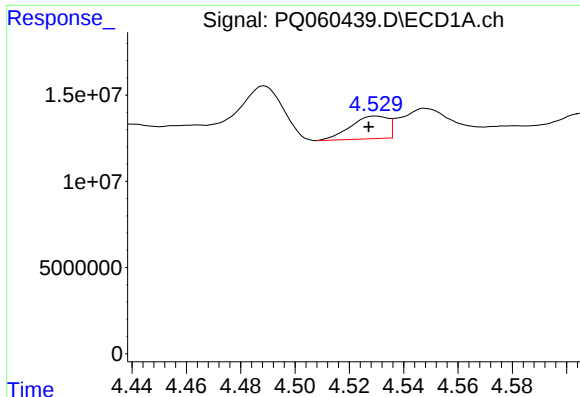
#2 Decachlorobiphenyl

R.T.: 8.575 min
Delta R.T.: 0.003 min
Response: 281455968
Conc: 20.76 ng/ml



#2 Decachlorobiphenyl

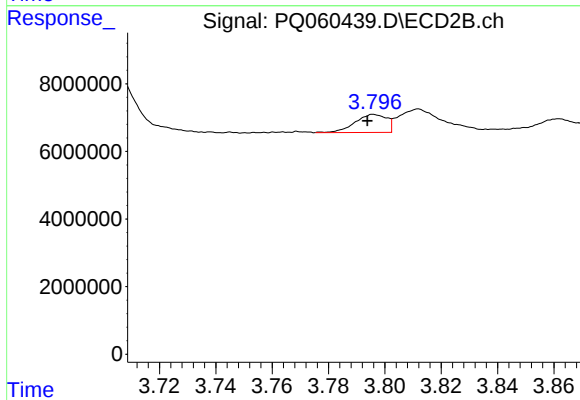
R.T.: 7.536 min
Delta R.T.: 0.003 min
Response: 221308692
Conc: 20.62 ng/ml



#3 AR-1016-1

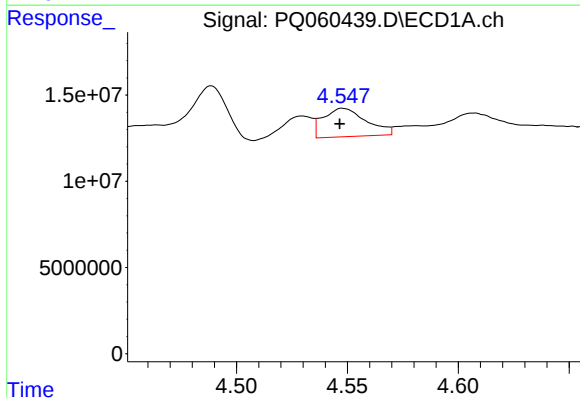
R.T.: 4.530 min
Delta R.T.: 0.003 min
Response: 12597469
Conc: 15.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



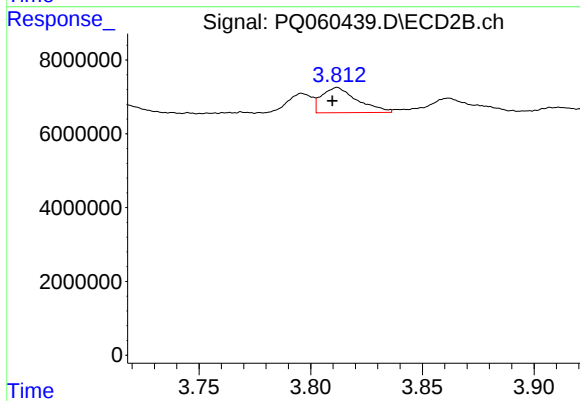
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: 0.002 min
Response: 4123689
Conc: 10.57 ng/ml



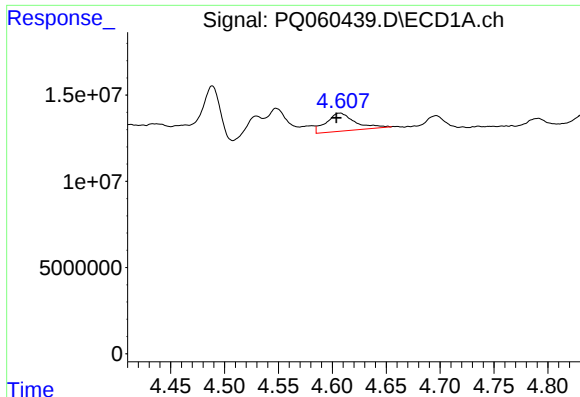
#4 AR-1016-2

R.T.: 4.548 min
Delta R.T.: 0.001 min
Response: 22333116
Conc: 18.66 ng/ml



#4 AR-1016-2

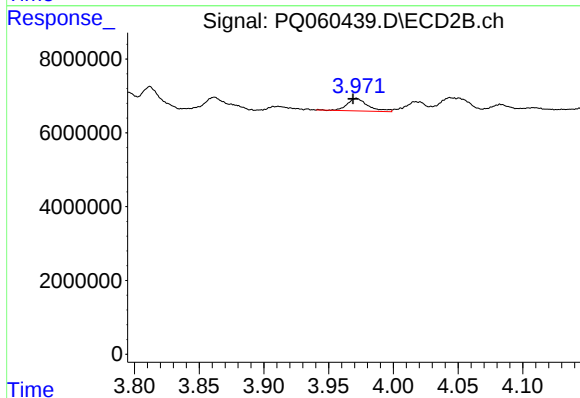
R.T.: 3.812 min
Delta R.T.: 0.002 min
Response: 7633795
Conc: 12.94 ng/ml



#5 AR-1016-3

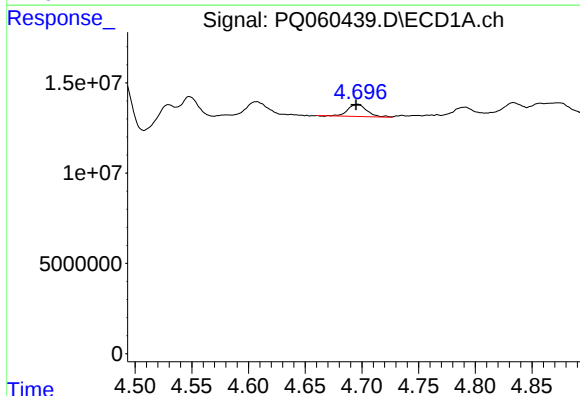
R.T.: 4.607 min
Delta R.T.: 0.003 min
Response: 19323145
Conc: 26.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



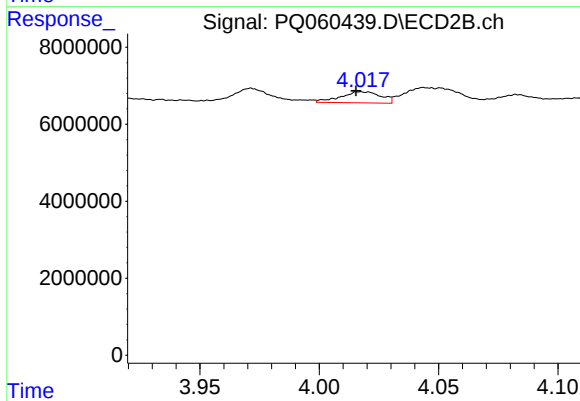
#5 AR-1016-3

R.T.: 3.971 min
Delta R.T.: 0.002 min
Response: 3823730
Conc: 12.16 ng/ml



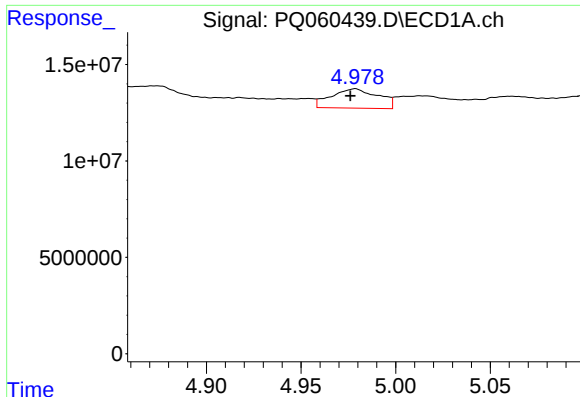
#6 AR-1016-4

R.T.: 4.696 min
Delta R.T.: 0.002 min
Response: 7810153
Conc: 12.59 ng/ml



#6 AR-1016-4

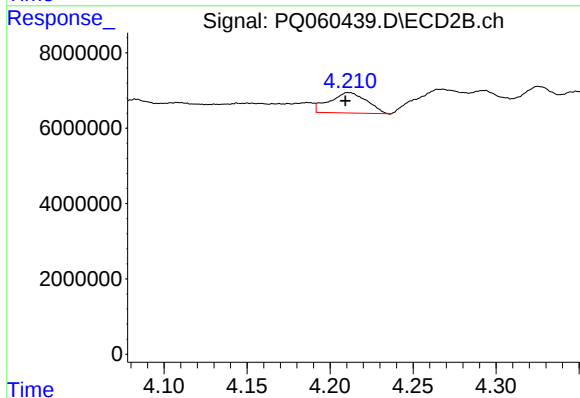
R.T.: 4.018 min
Delta R.T.: 0.002 min
Response: 3379822
Conc: 13.79 ng/ml



#7 AR-1016-5

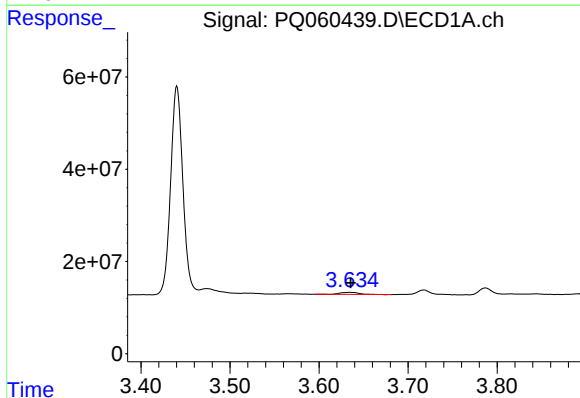
R.T.: 4.979 min
Delta R.T.: 0.003 min
Response: 17247554
Conc: 29.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



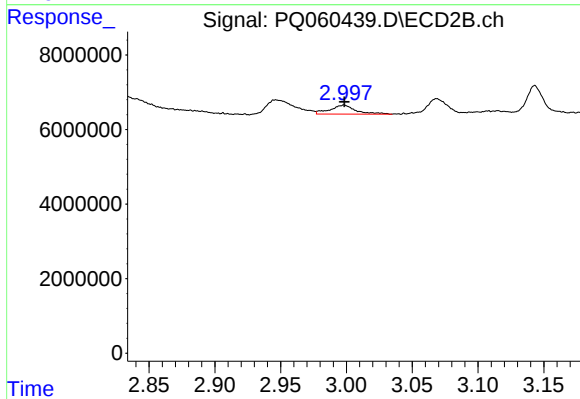
#7 AR-1016-5

R.T.: 4.211 min
Delta R.T.: 0.002 min
Response: 8441812
Conc: 26.43 ng/ml



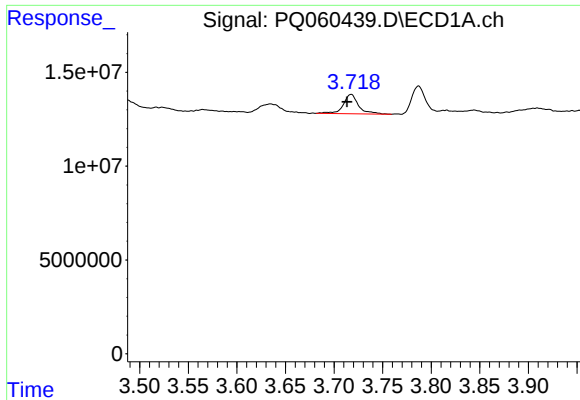
#8 AR-1221-1

R.T.: 3.635 min
Delta R.T.: -0.001 min
Response: 6706240
Conc: 27.99 ng/ml



#8 AR-1221-1

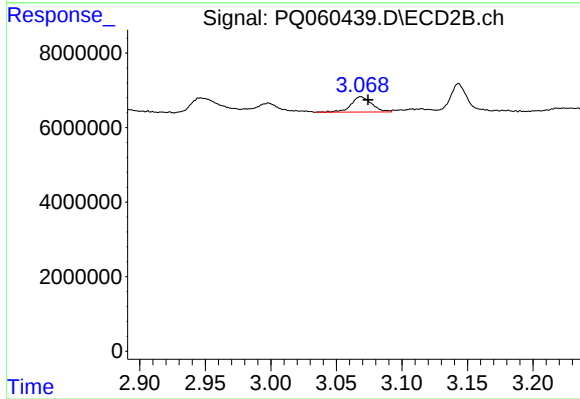
R.T.: 2.998 min
Delta R.T.: 0.000 min
Response: 3275182
Conc: 29.14 ng/ml



#9 AR-1221-2

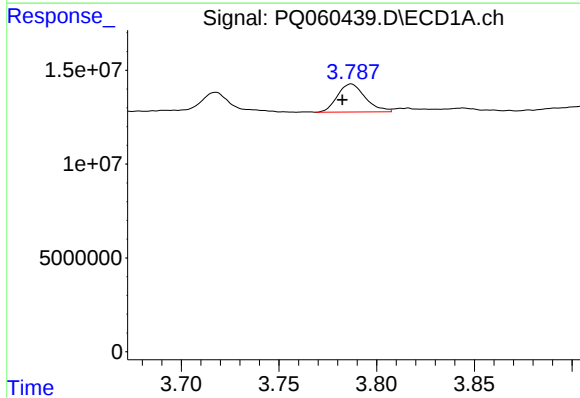
R.T.: 3.718 min
Delta R.T.: 0.004 min
Response: 11295863
Conc: 64.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



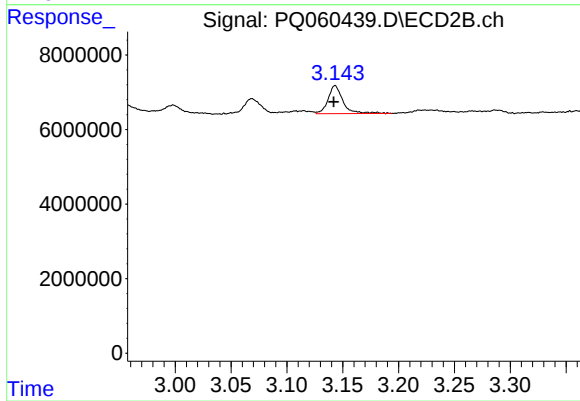
#9 AR-1221-2

R.T.: 3.069 min
Delta R.T.: -0.005 min
Response: 4517411
Conc: 54.27 ng/ml



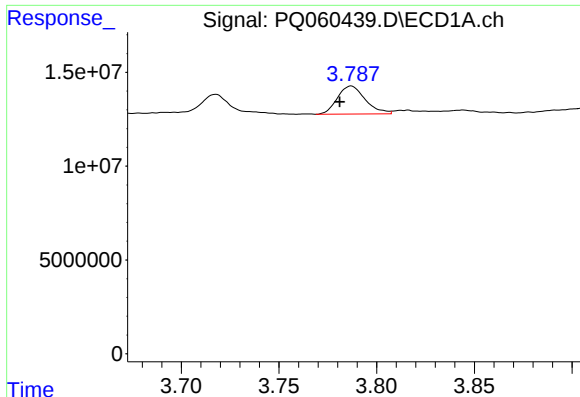
#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.004 min
Response: 14871752
Conc: 28.43 ng/ml



#10 AR-1221-3

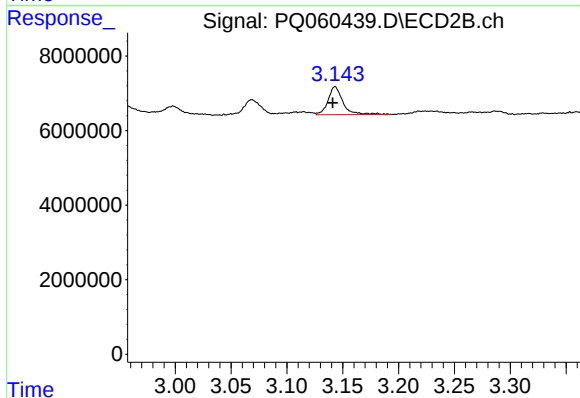
R.T.: 3.143 min
Delta R.T.: 0.001 min
Response: 6998141
Conc: 27.09 ng/ml



#11 AR-1232-1

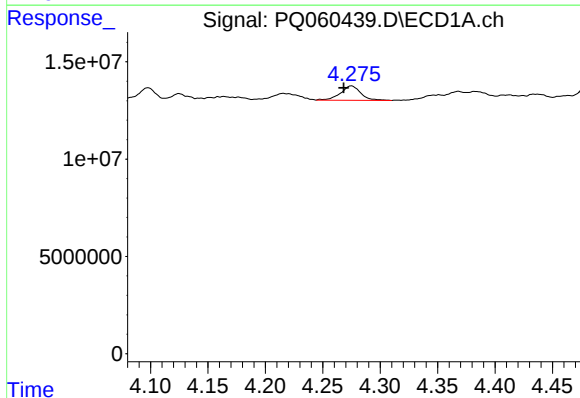
R.T.: 3.787 min
Delta R.T.: 0.006 min
Response: 14871752
Conc: 28.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



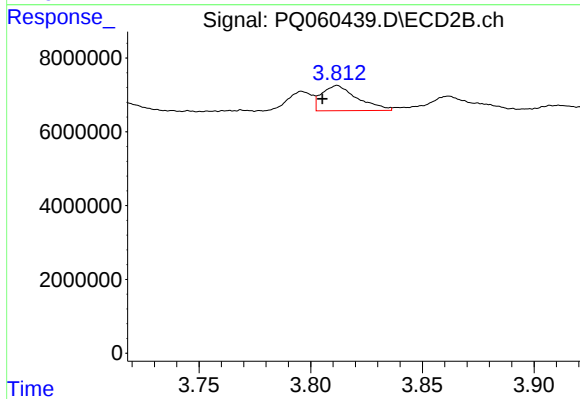
#11 AR-1232-1

R.T.: 3.143 min
Delta R.T.: 0.002 min
Response: 6998141
Conc: 26.14 ng/ml



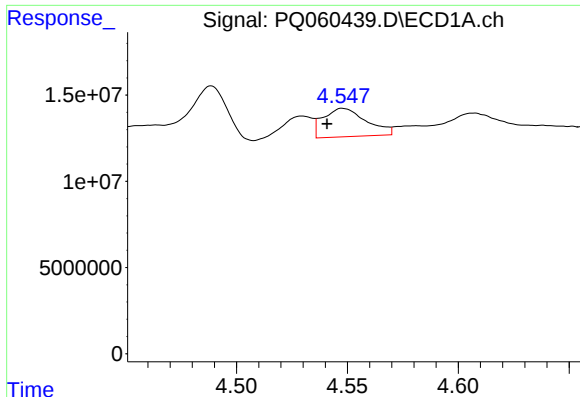
#12 AR-1232-2

R.T.: 4.275 min
Delta R.T.: 0.007 min
Response: 9125984
Conc: 34.17 ng/ml



#12 AR-1232-2

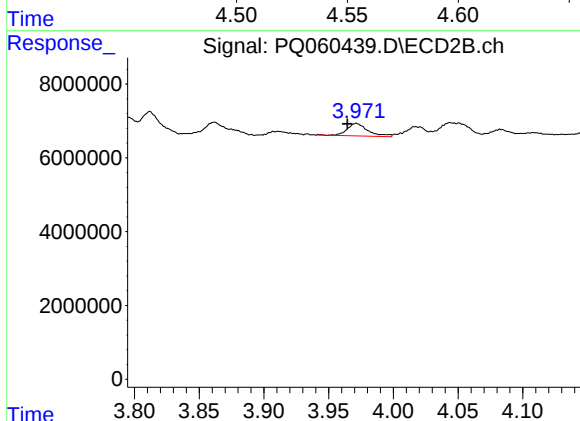
R.T.: 3.812 min
Delta R.T.: 0.007 min
Response: 7633795
Conc: 28.43 ng/ml



#13 AR-1232-3

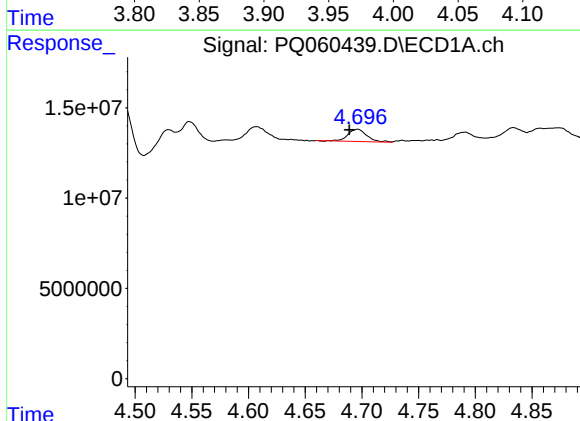
R.T.: 4.548 min
Delta R.T.: 0.007 min
Response: 22333116
Conc: 40.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



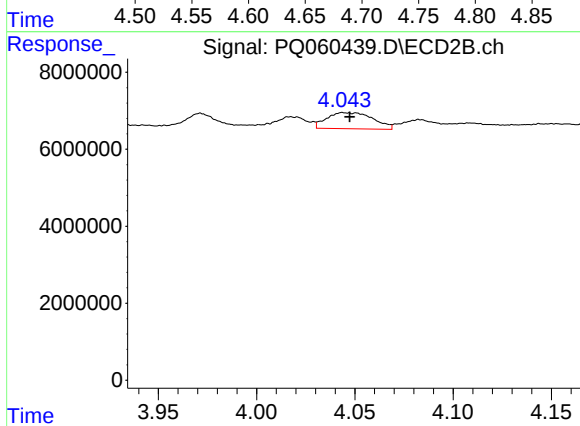
#13 AR-1232-3

R.T.: 3.971 min
Delta R.T.: 0.007 min
Response: 3823730
Conc: 27.46 ng/ml



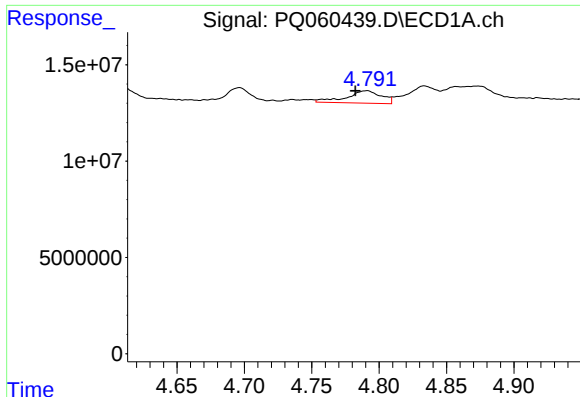
#14 AR-1232-4

R.T.: 4.696 min
Delta R.T.: 0.008 min
Response: 7810153
Conc: 28.91 ng/ml



#14 AR-1232-4

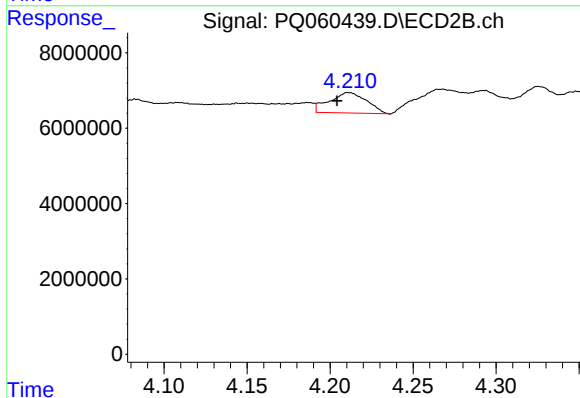
R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 6869224
Conc: 57.88 ng/ml



#15 AR-1232-5

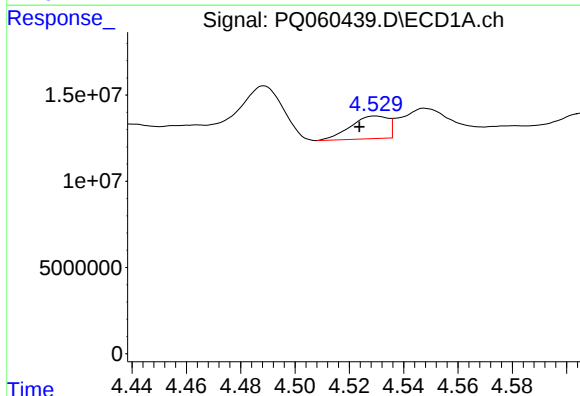
R.T.: 4.791 min
Delta R.T.: 0.008 min
Response: 11704673
Conc: 62.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



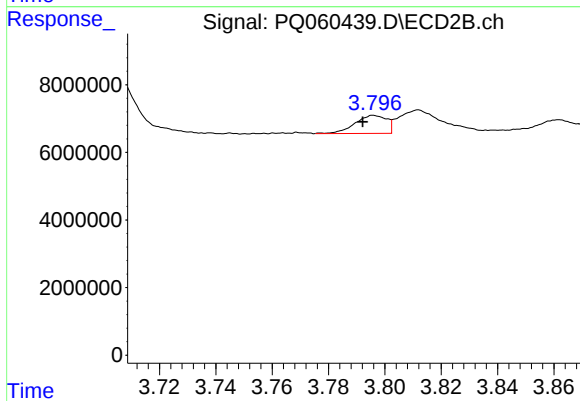
#15 AR-1232-5

R.T.: 4.211 min
Delta R.T.: 0.007 min
Response: 8441812
Conc: 61.95 ng/ml



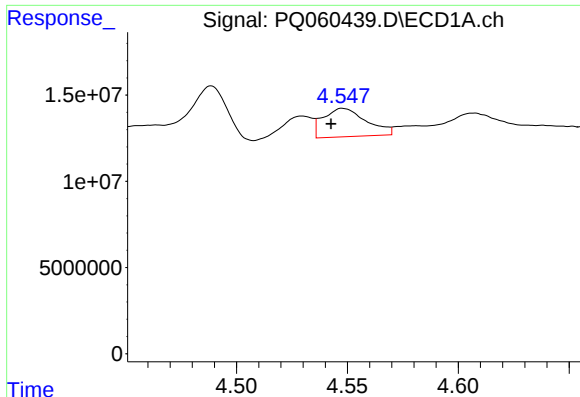
#16 AR-1242-1

R.T.: 4.530 min
Delta R.T.: 0.006 min
Response: 12597469
Conc: 20.40 ng/ml



#16 AR-1242-1

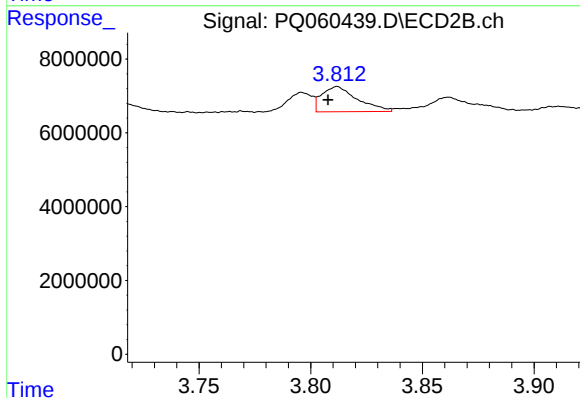
R.T.: 3.796 min
Delta R.T.: 0.004 min
Response: 4123689
Conc: 12.82 ng/ml



#17 AR-1242-2

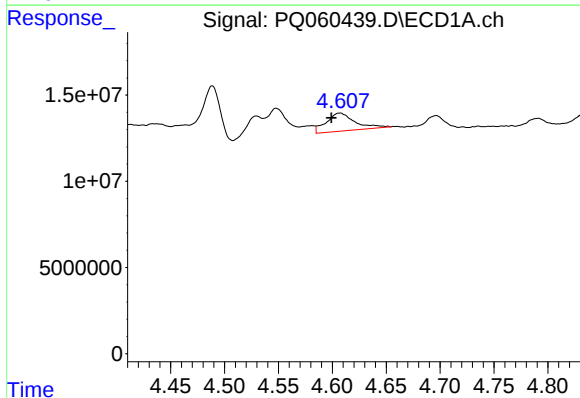
R.T.: 4.548 min
Delta R.T.: 0.005 min
Response: 22333116
Conc: 23.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



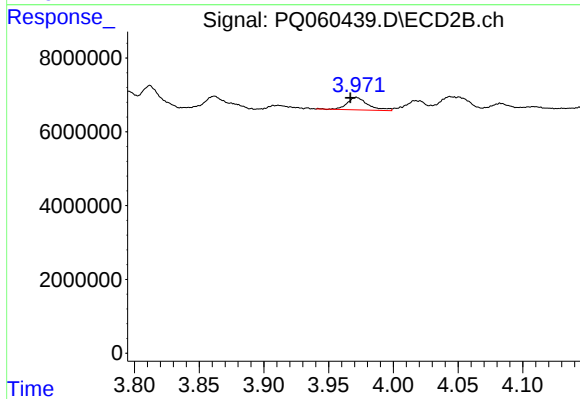
#17 AR-1242-2

R.T.: 3.812 min
Delta R.T.: 0.004 min
Response: 7633795
Conc: 15.93 ng/ml



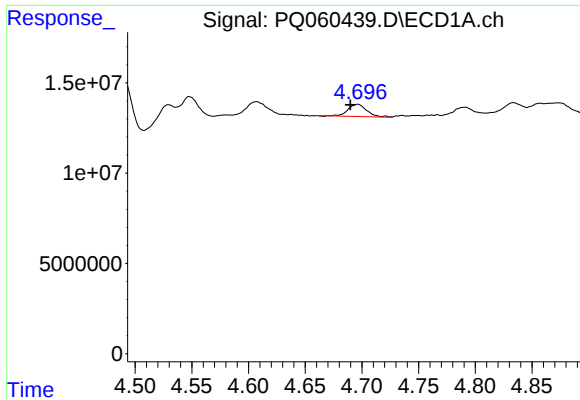
#18 AR-1242-3

R.T.: 4.607 min
Delta R.T.: 0.008 min
Response: 19323145
Conc: 33.45 ng/ml



#18 AR-1242-3

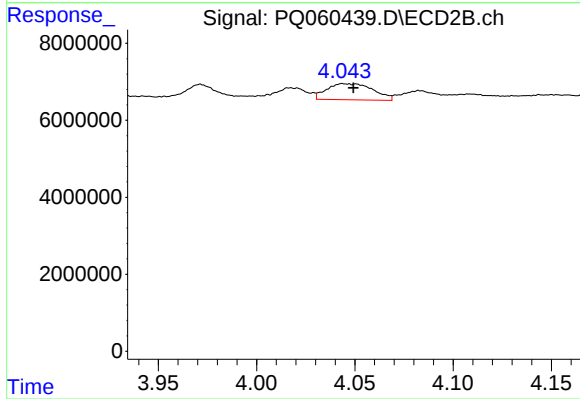
R.T.: 3.971 min
Delta R.T.: 0.004 min
Response: 3823730
Conc: 14.75 ng/ml



#19 AR-1242-4

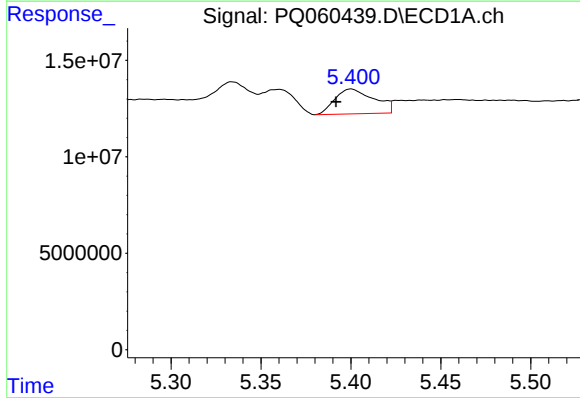
R.T.: 4.696 min
Delta R.T.: 0.006 min
Response: 7810153
Conc: 16.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



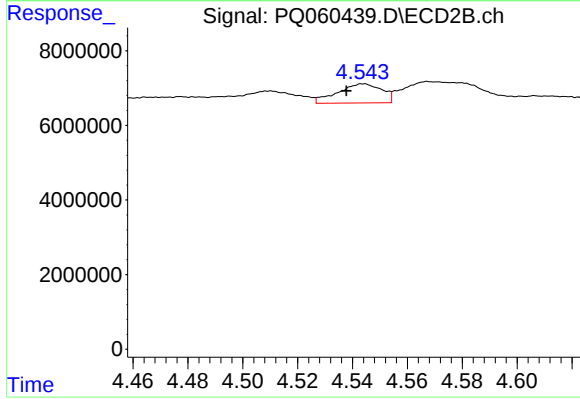
#19 AR-1242-4

R.T.: 4.044 min
Delta R.T.: -0.005 min
Response: 6869224
Conc: 28.70 ng/ml



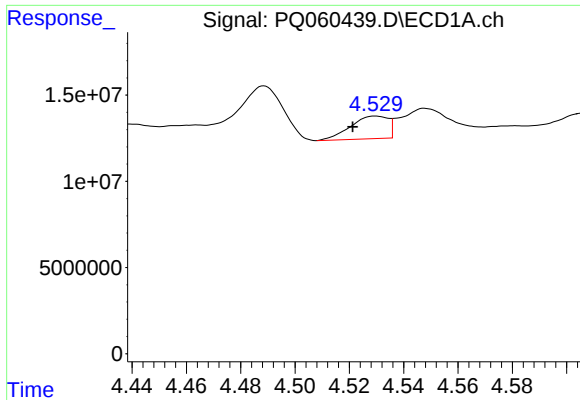
#20 AR-1242-5

R.T.: 5.400 min
Delta R.T.: 0.008 min
Response: 19574092
Conc: 39.25 ng/ml



#20 AR-1242-5

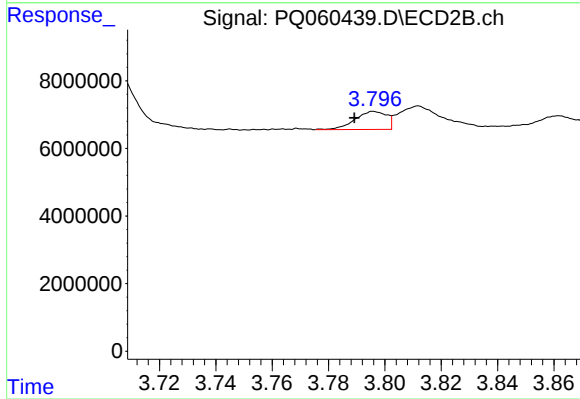
R.T.: 4.544 min
Delta R.T.: 0.006 min
Response: 5726144
Conc: 18.55 ng/ml



#21 AR-1248-1

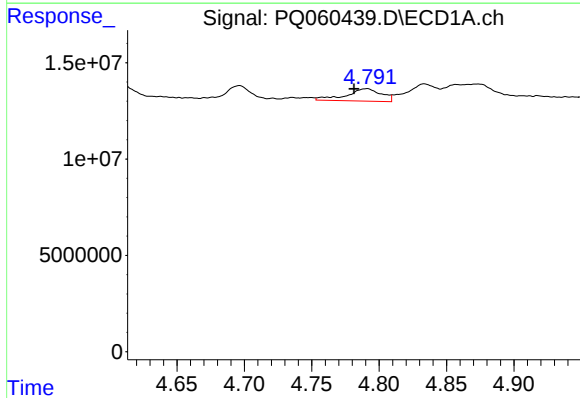
R.T.: 4.530 min
Delta R.T.: 0.008 min
Response: 12597469
Conc: 26.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



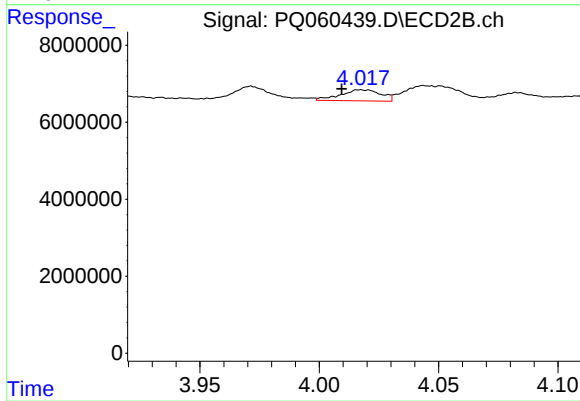
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: 0.007 min
Response: 4123689
Conc: 16.83 ng/ml



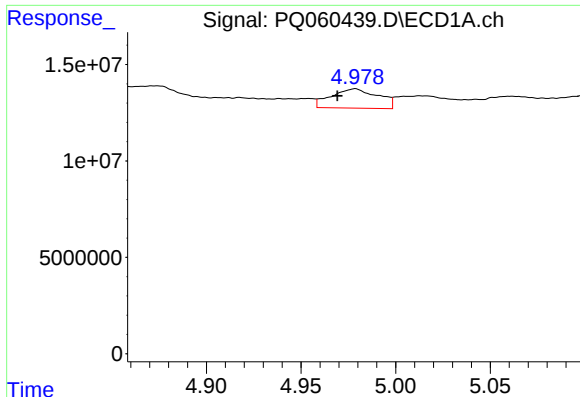
#22 AR-1248-2

R.T.: 4.791 min
Delta R.T.: 0.009 min
Response: 11704673
Conc: 18.82 ng/ml



#22 AR-1248-2

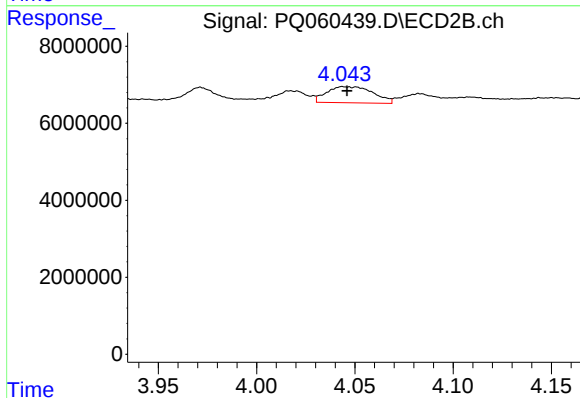
R.T.: 4.018 min
Delta R.T.: 0.008 min
Response: 3379822
Conc: 9.81 ng/ml



#23 AR-1248-3

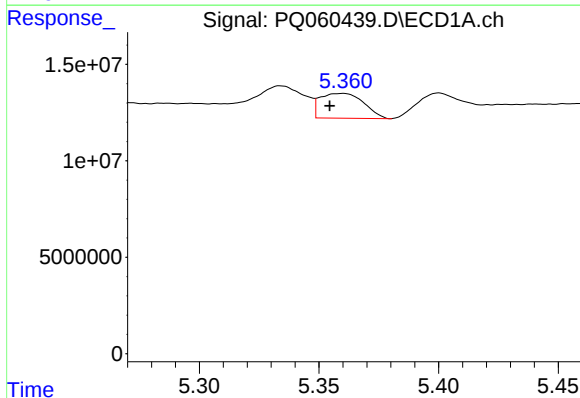
R.T.: 4.979 min
Delta R.T.: 0.009 min
Response: 17247554
Conc: 22.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



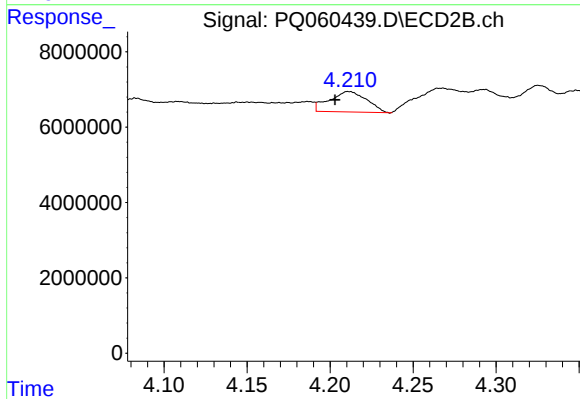
#23 AR-1248-3

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 6869224
Conc: 19.70 ng/ml



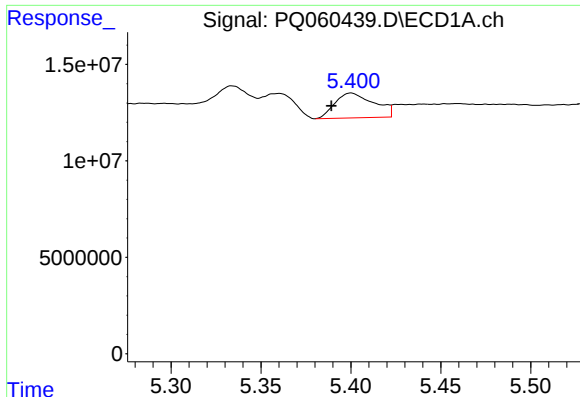
#24 AR-1248-4

R.T.: 5.360 min
Delta R.T.: 0.005 min
Response: 16281993
Conc: 19.50 ng/ml



#24 AR-1248-4

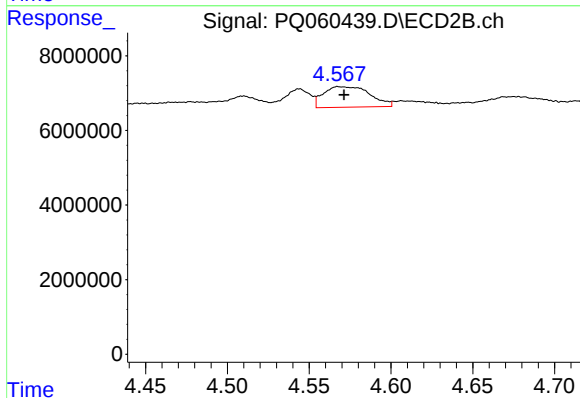
R.T.: 4.211 min
Delta R.T.: 0.008 min
Response: 8441812
Conc: 19.95 ng/ml



#25 AR-1248-5

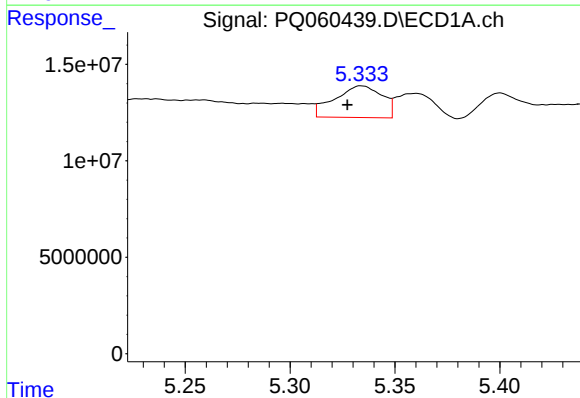
R.T.: 5.400 min
Delta R.T.: 0.011 min
Response: 19574092
Conc: 23.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



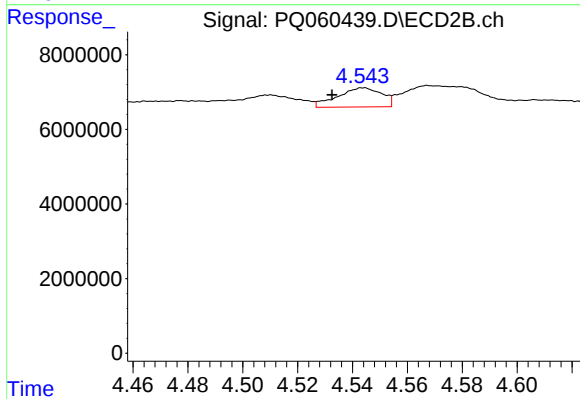
#25 AR-1248-5

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 10906607
Conc: 25.62 ng/ml



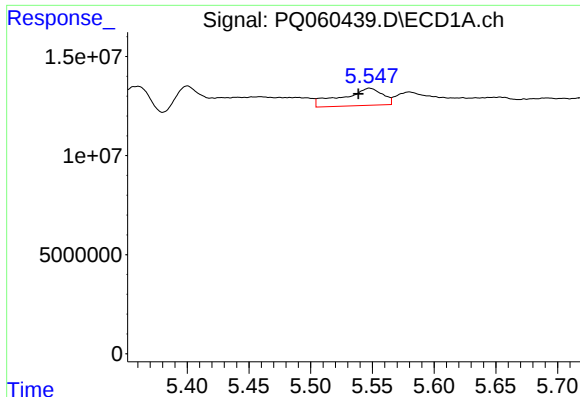
#26 AR-1254-1

R.T.: 5.334 min
Delta R.T.: 0.007 min
Response: 25844579
Conc: 30.90 ng/ml



#26 AR-1254-1

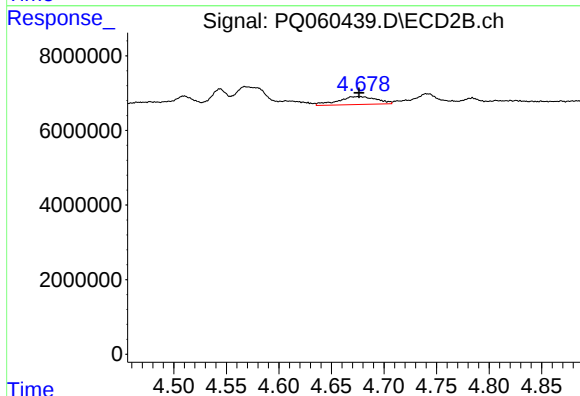
R.T.: 4.544 min
Delta R.T.: 0.011 min
Response: 5726144
Conc: 8.84 ng/ml



#27 AR-1254-2

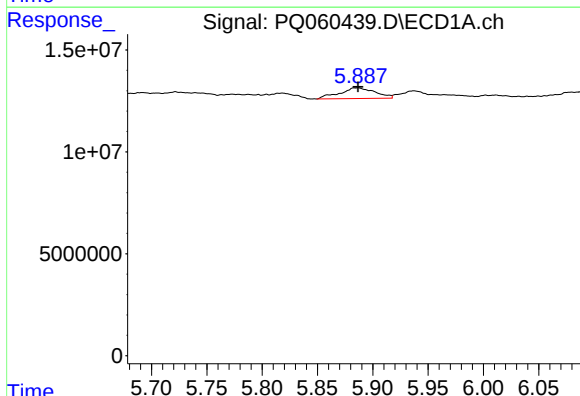
R.T.: 5.548 min
Delta R.T.: 0.009 min
Response: 20031916
Conc: 15.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



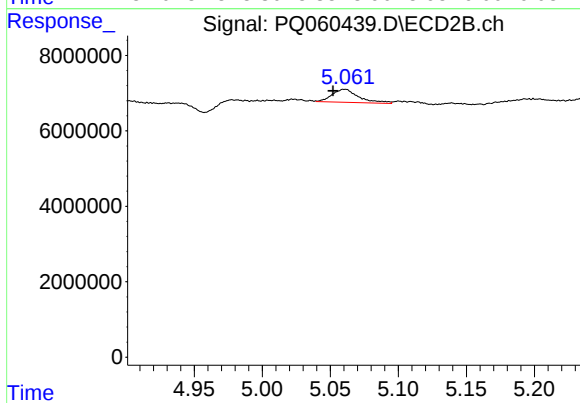
#27 AR-1254-2

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 5456288
Conc: 9.90 ng/ml



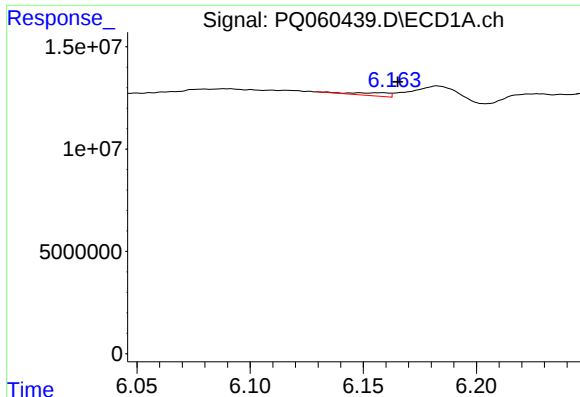
#28 AR-1254-3

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 11747553
Conc: 8.65 ng/ml



#28 AR-1254-3

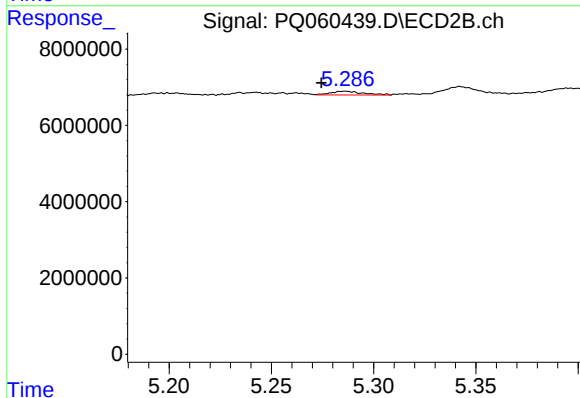
R.T.: 5.061 min
Delta R.T.: 0.009 min
Response: 4705685
Conc: 5.49 ng/ml



#29 AR-1254-4

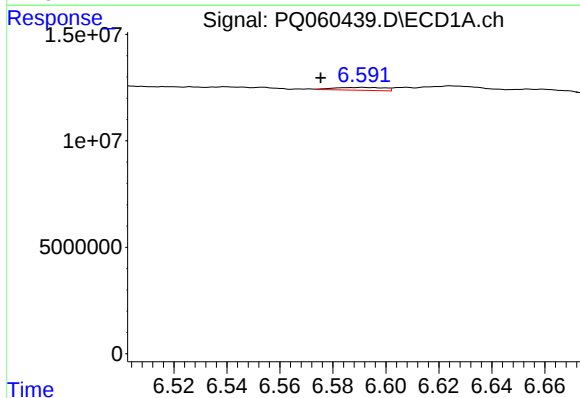
R.T.: 6.158 min
Delta R.T.: -0.007 min
Response: 1737237
Conc: 1.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



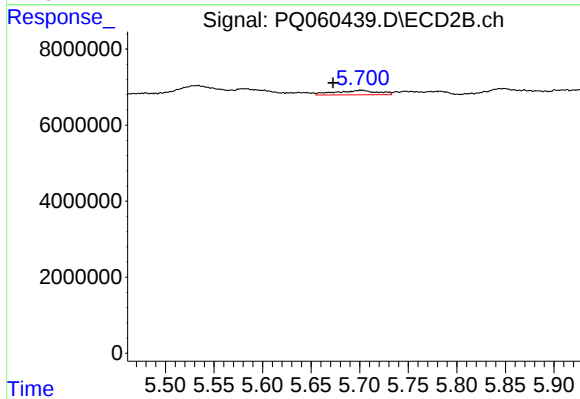
#29 AR-1254-4

R.T.: 5.286 min
Delta R.T.: 0.011 min
Response: 1093688
Conc: 1.95 ng/ml



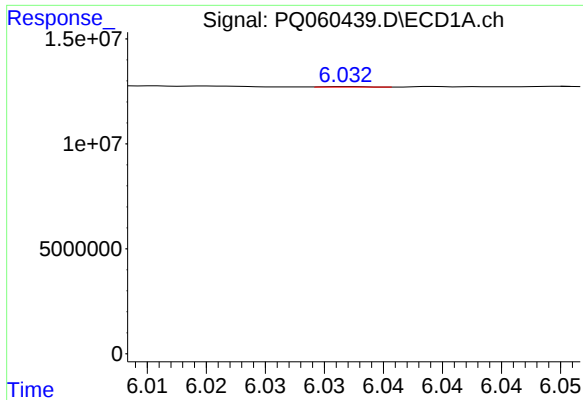
#30 AR-1254-5

R.T.: 6.591 min
Delta R.T.: 0.016 min
Response: 1777009
Conc: 1.69 ng/ml



#30 AR-1254-5

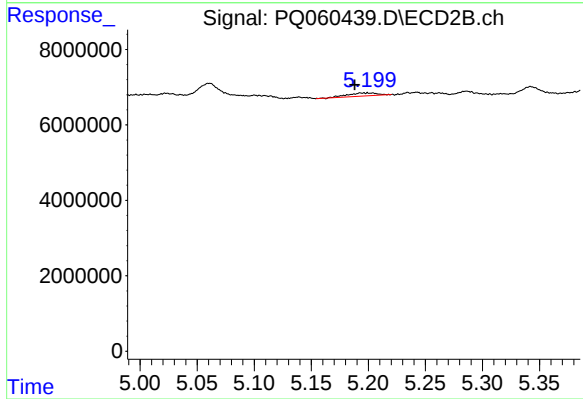
R.T.: 5.702 min
Delta R.T.: 0.029 min
Response: 3547424
Conc: 4.38 ng/ml



#31 AR-1260-1

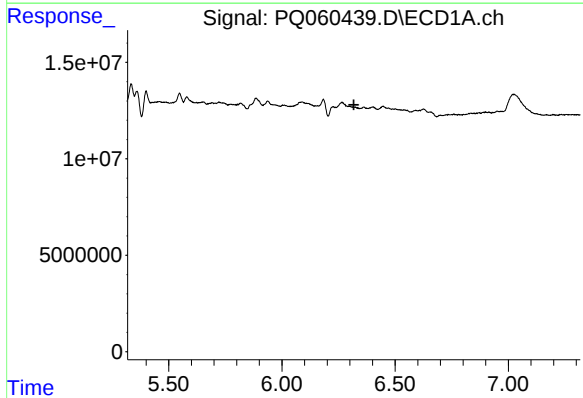
R.T.: 6.032 min
Delta R.T.: -0.027 min
Response: 54299
Conc: 0.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



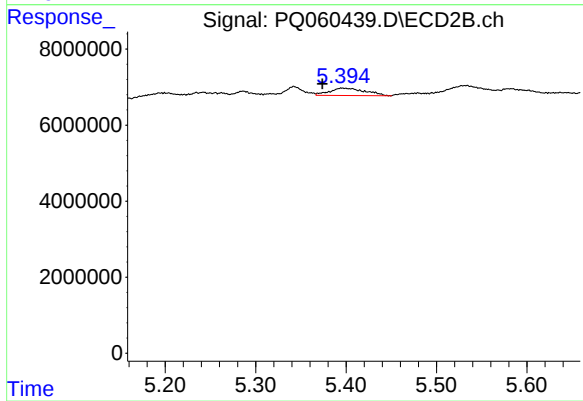
#31 AR-1260-1

R.T.: 5.203 min
Delta R.T.: 0.015 min
Response: 1468045
Conc: 2.39 ng/ml



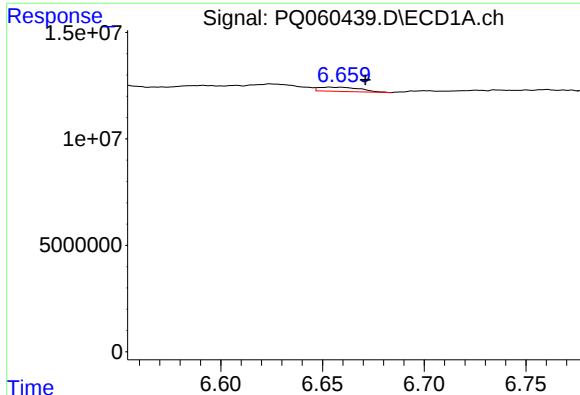
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.318 min
Response: 0
Conc: N.D.



#32 AR-1260-2

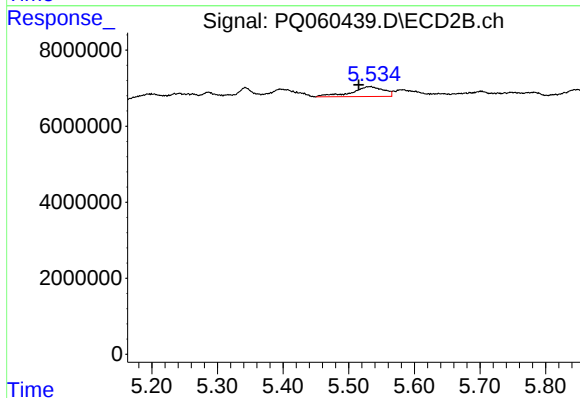
R.T.: 5.396 min
Delta R.T.: 0.022 min
Response: 5262021
Conc: 7.06 ng/ml



#33 AR-1260-3

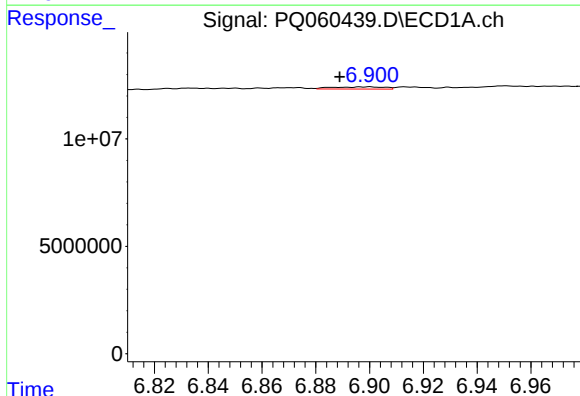
R.T.: 6.654 min
Delta R.T.: -0.017 min
Response: 2852523
Conc: 3.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



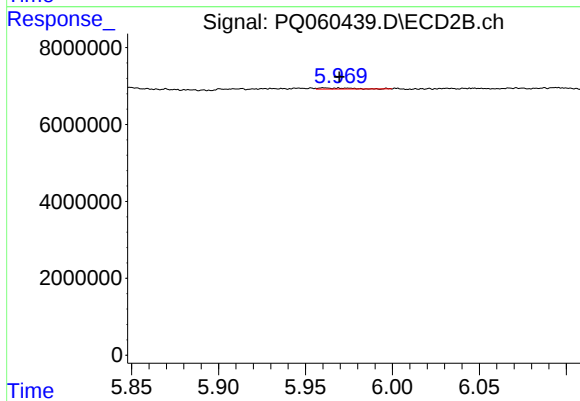
#33 AR-1260-3

R.T.: 5.533 min
Delta R.T.: 0.018 min
Response: 8812225
Conc: 12.12 ng/ml



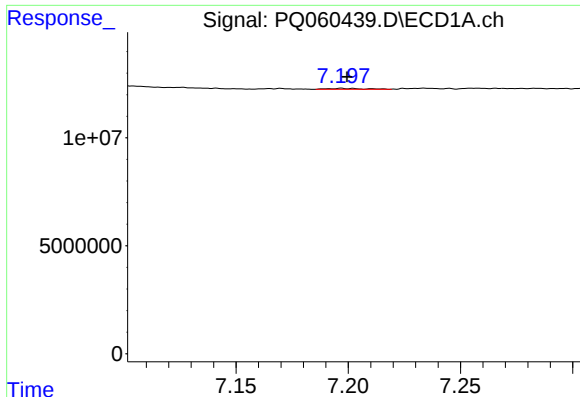
#34 AR-1260-4

R.T.: 6.900 min
Delta R.T.: 0.011 min
Response: 1338677
Conc: 1.36 ng/ml



#34 AR-1260-4

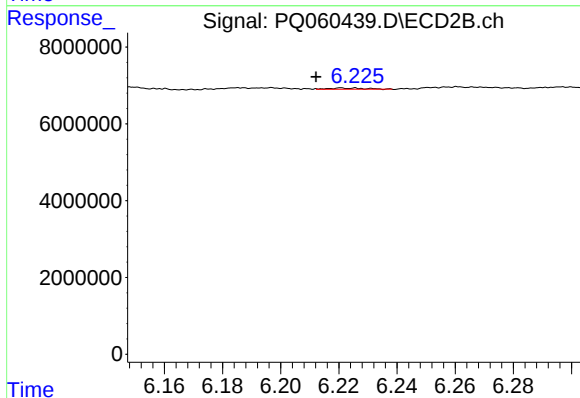
R.T.: 5.961 min
Delta R.T.: -0.009 min
Response: 322827
Conc: 0.55 ng/ml



#35 AR-1260-5

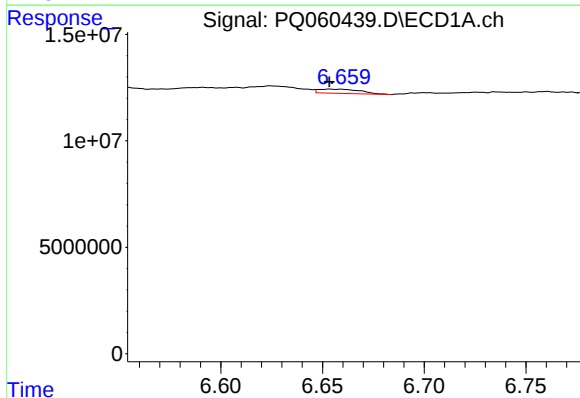
R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 464534
Conc: 0.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



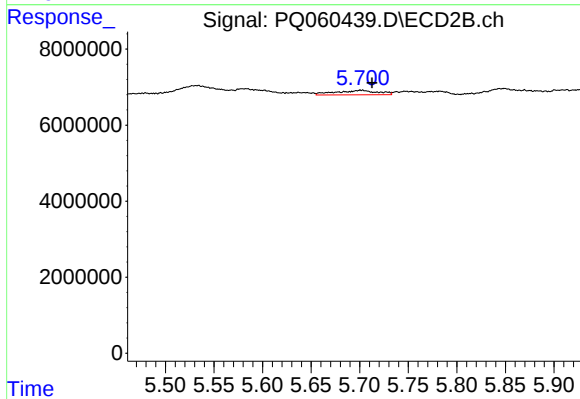
#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: 0.009 min
Response: 279925
Conc: 0.20 ng/ml



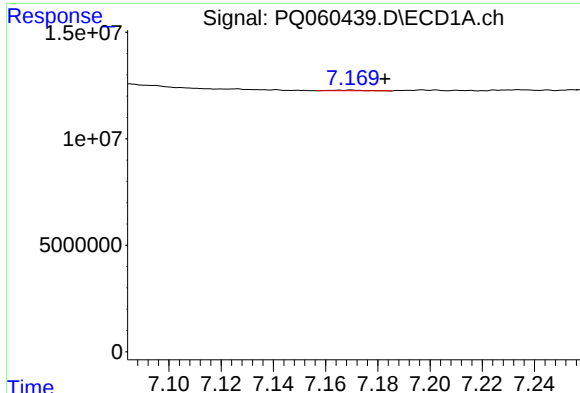
#36 AR-1262-1

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 2852523
Conc: 2.48 ng/ml



#36 AR-1262-1

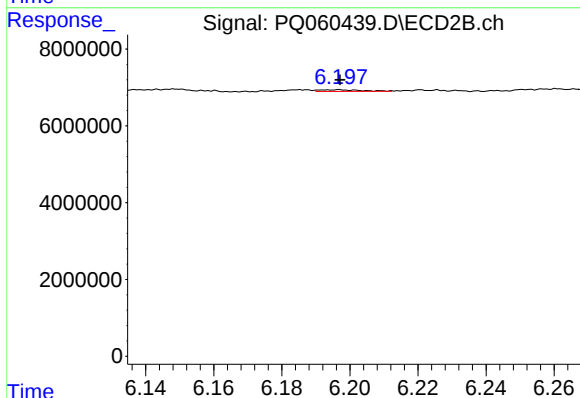
R.T.: 5.702 min
Delta R.T.: -0.011 min
Response: 3547424
Conc: 4.54 ng/ml



#37 AR-1262-2

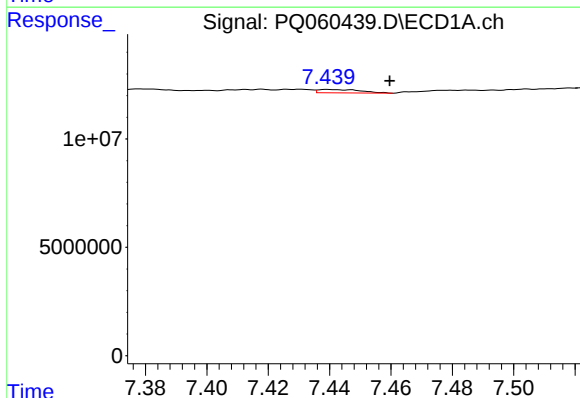
R.T.: 7.170 min
Delta R.T.: -0.013 min
Response: 287507
Conc: 0.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



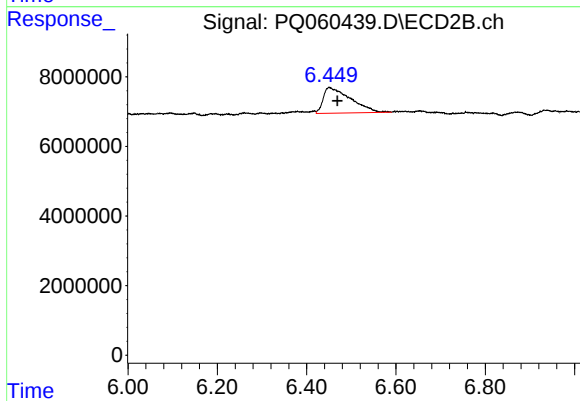
#37 AR-1262-2

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 381163
Conc: 0.27 ng/ml



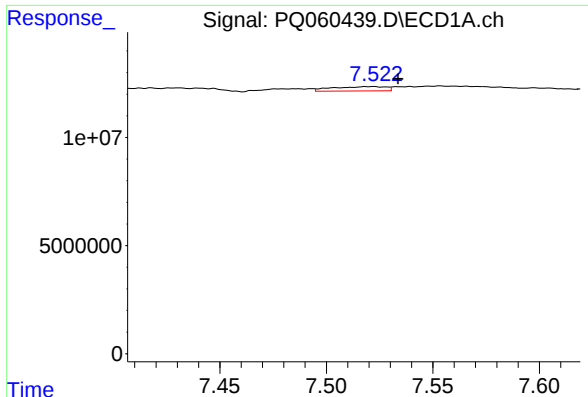
#38 AR-1262-3

R.T.: 7.440 min
Delta R.T.: -0.020 min
Response: 1451763
Conc: 1.11 ng/ml



#38 AR-1262-3

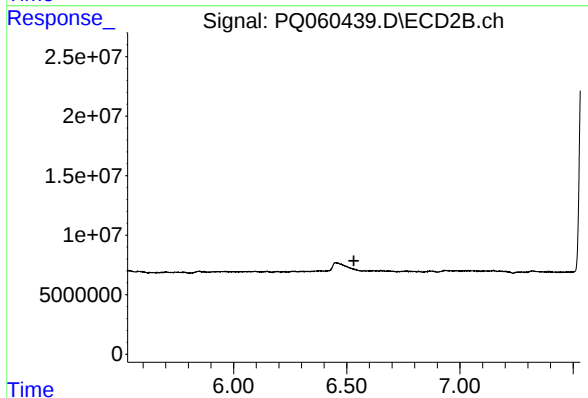
R.T.: 6.451 min
Delta R.T.: -0.019 min
Response: 31430283
Conc: 55.36 ng/ml



#39 AR-1262-4

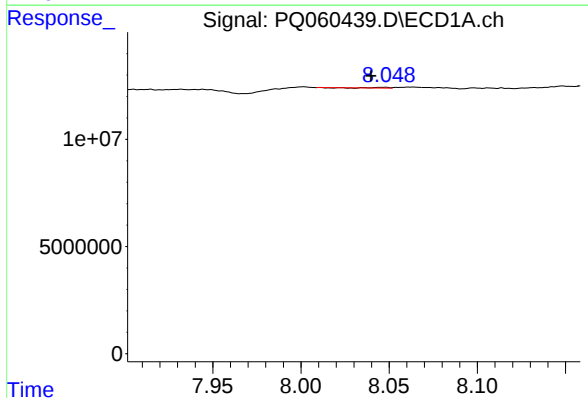
R.T.: 7.522 min
Delta R.T.: -0.012 min
Response: 3581651
Conc: 3.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



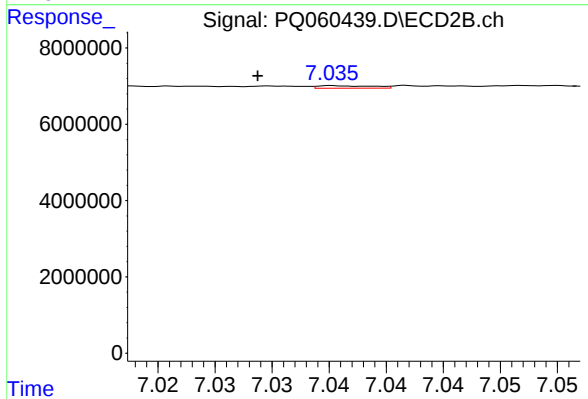
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.531 min
Response: 0
Conc: N.D.



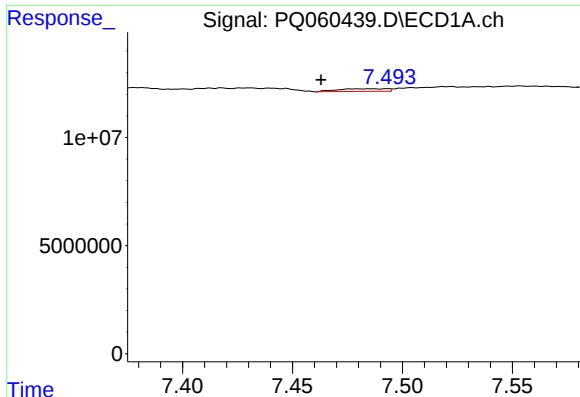
#40 AR-1262-5

R.T.: 8.047 min
Delta R.T.: 0.007 min
Response: 201252
Conc: 0.31 ng/ml



#40 AR-1262-5

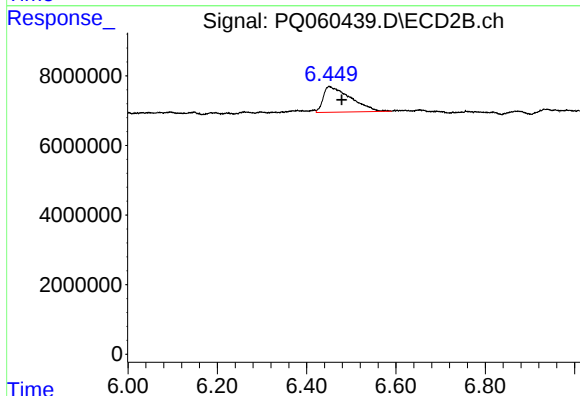
R.T.: 7.036 min
Delta R.T.: 0.007 min
Response: 223403
Conc: 0.43 ng/ml



#41 AR-1268-1

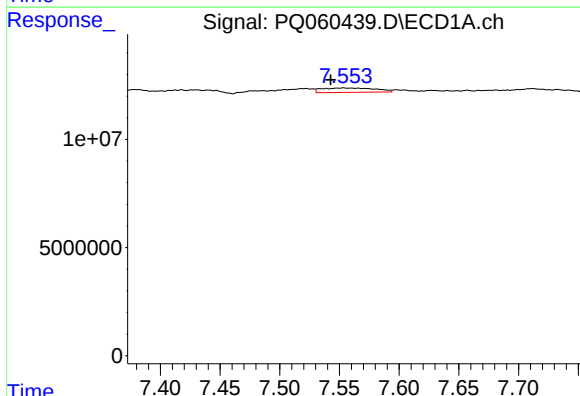
R.T.: 7.486 min
Delta R.T.: 0.023 min
Response: 1930710
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



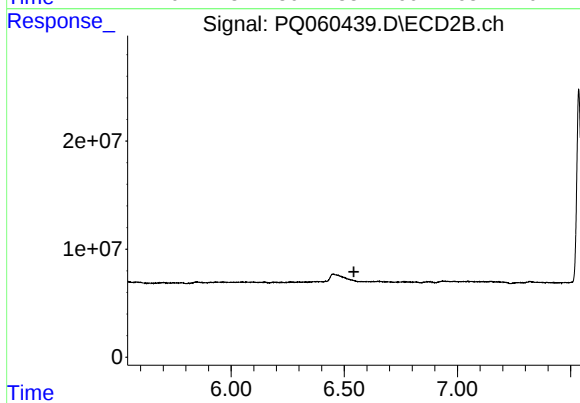
#41 AR-1268-1

R.T.: 6.451 min
Delta R.T.: -0.028 min
Response: 31430283
Conc: 18.56 ng/ml



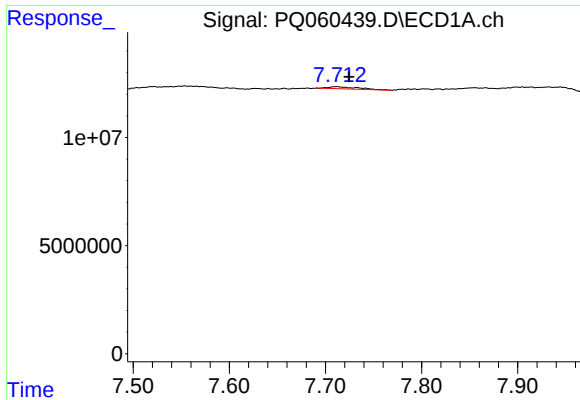
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: 0.011 min
Response: 6342581
Conc: 2.99 ng/ml



#42 AR-1268-2

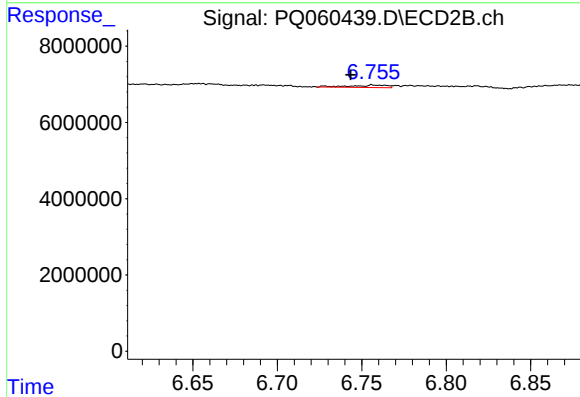
R.T.: 0.000 min
Exp R.T. : 6.543 min
Response: 0
Conc: N.D.



#43 AR-1268-3

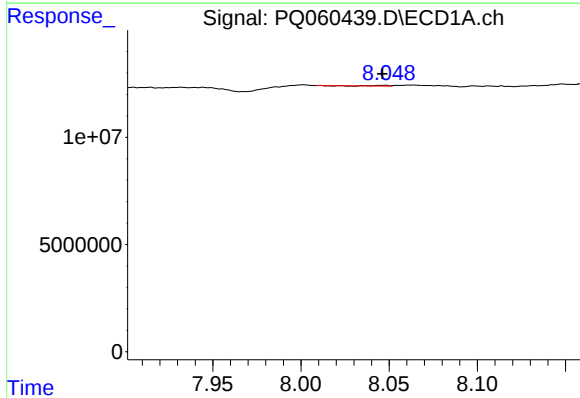
R.T.: 7.712 min
Delta R.T.: -0.013 min
Response: 2021848
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



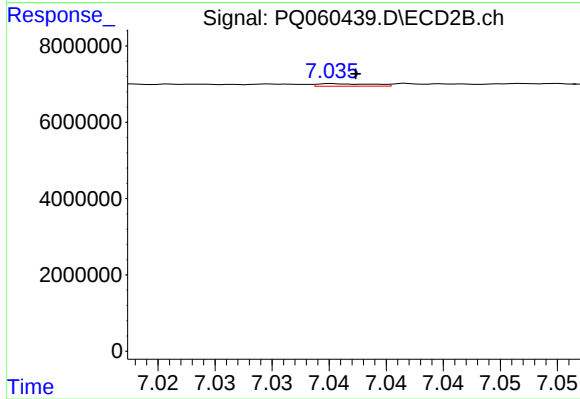
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.020 min
Response: 958760
Conc: 0.70 ng/ml



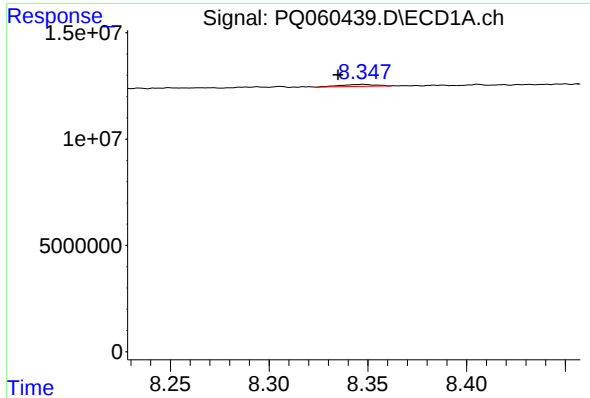
#44 AR-1268-4

R.T.: 8.047 min
Delta R.T.: 0.000 min
Response: 201252
Conc: 0.27 ng/ml



#44 AR-1268-4

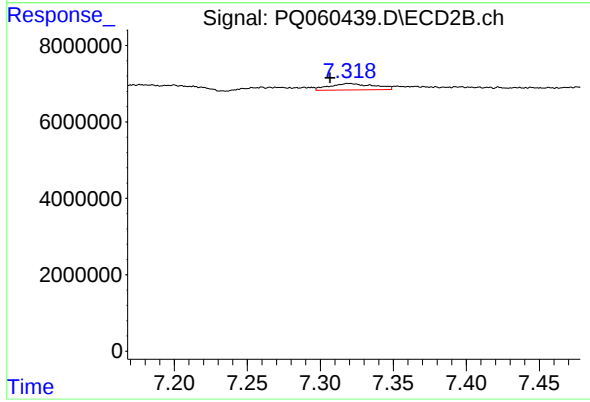
R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 223403
Conc: 0.38 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: 0.013 min
Response: 1155535
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.320 min
Delta R.T.: 0.013 min
Response: 3538536
Conc: 0.83 ng/ml