

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082523\
 Data File : PQ063202.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2023 11:07
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 15:44:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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...	3.458	2.782	104.6E6	84403782	19.469	20.465
2)	SA Decachlor...	8.697	7.591	89168941	110.9E6	23.030	25.628
Target Compounds							
3)	L1 AR-1016-1	4.572	3.792	145985	670112	0.750	4.205 #
4)	L1 AR-1016-2	4.585	3.815	406225	111876	1.464	0.524 #
5)	L1 AR-1016-3	4.659	3.978	2192615	97143	12.822	0.813 #
6)	L1 AR-1016-4	4.746	4.027	222803	173381	1.583	1.787
7)	L1 AR-1016-5	5.009	4.211	1415741	435224	10.289	3.459 #
8)	L2 AR-1221-1	3.668	2.986	357120	82746	5.248	1.508 #
9)	L2 AR-1221-2	3.739	3.072	3140268	42814	65.818	1.135 #
10)	L2 AR-1221-3	3.844f	3.143	1025565	1274784	6.645	10.595 #
11)	L3 AR-1232-1	3.844f	3.143	1025565	1274784	7.938	13.083 #
12)	L3 AR-1232-2	4.294	3.815	577044	111876	8.274	1.150 #
13)	L3 AR-1232-3	4.585	3.978	406225	97143	3.324	1.830 #
14)	L3 AR-1232-4	4.746	4.060	222803	169234	3.693	3.687
15)	L3 AR-1232-5	4.836	4.211	350211	435224	8.024	8.027
16)	L4 AR-1242-1	4.572	3.792	145985	670112	0.865	4.640 #
17)	L4 AR-1242-2	4.585	3.815	406225	111876	1.684	0.589 #
18)	L4 AR-1242-3	4.659	3.978	2192615	97143	14.969	0.900 #
19)	L4 AR-1242-4	4.746	4.060	222803	169234	1.801	1.699
20)	L4 AR-1242-5	5.474	4.548	1545622	665396	11.695	4.921 #
21)	L5 AR-1248-1	4.572	3.792	145985	670112	1.096	5.999 #
22)	L5 AR-1248-2	4.836	4.027	350211	173381	2.004	1.098 #
23)	L5 AR-1248-3	5.009	4.060	1415741	169234	6.695	1.110 #
24)	L5 AR-1248-4	5.401	4.211	4117479	435224	17.281	2.289 #
25)	L5 AR-1248-5	5.474	4.612	1545622	515821	6.651	2.667 #
26)	L6 AR-1254-1	5.401	4.548	4117479	665396	18.801	2.480 #
27)	L6 AR-1254-2	5.616	4.704	378418	1660551	1.117	7.075 #
28)	L6 AR-1254-3	5.953	5.092	13096945	950290	36.531	2.513 #
29)	L6 AR-1254-4	6.271	5.316	2227442	10141847	8.221	41.514 #
30)	L6 AR-1254-5	6.672	5.736	1210660	474566	4.380	1.375 #
31)	L7 AR-1260-1	6.156	5.226	12521974	2214618	48.983	8.873 #
32)	L7 AR-1260-2	6.378	5.425	4173323	11951307	13.750	38.806 #
33)	L7 AR-1260-3	0.000	5.546	0	1693142	N.D.	5.464 #
34)	L7 AR-1260-4	6.980	6.029	1514712	808732	6.320	3.298 #
35)	L7 AR-1260-5	7.277	6.271	397729	1562935	0.848	2.860 #
36)	L8 AR-1262-1	0.000	5.808	0	172421	N.D.	1.208 #
37)	L8 AR-1262-2	7.277	6.021	397729	917169	0.733	2.935 #
38)	L8 AR-1262-3	7.547	0.000	513317	0	1.421	N.D. #
39)	L8 AR-1262-4	7.628	6.606	341973	1252982	1.220	2.680 #
40)	L8 AR-1262-5	8.135	7.097	-83812	332646	N.D.	1.514 #
41)	L9 AR-1268-1	7.547	0.000	513317	0	0.794	N.D. #

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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 25 15:44:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
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 Response via : Initial Calibration
 Integrator: ChemStation

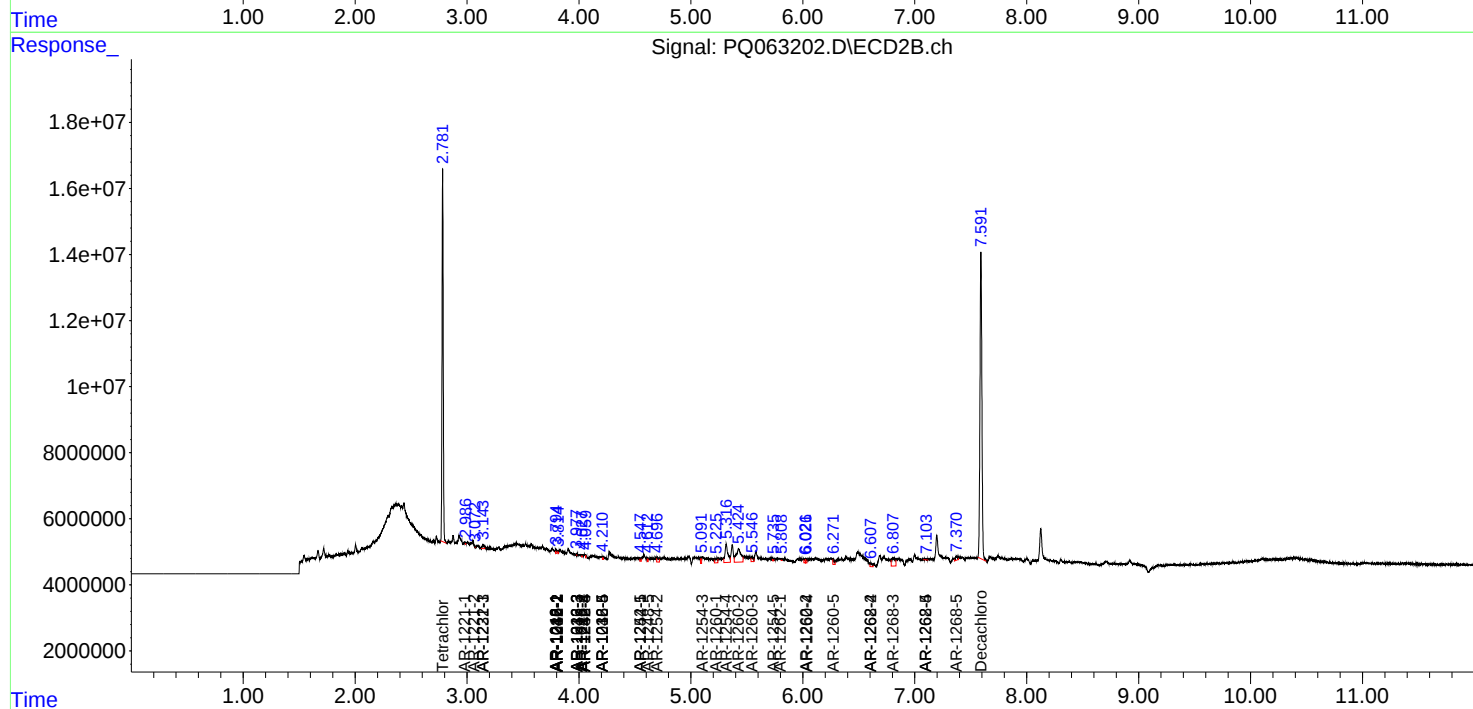
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

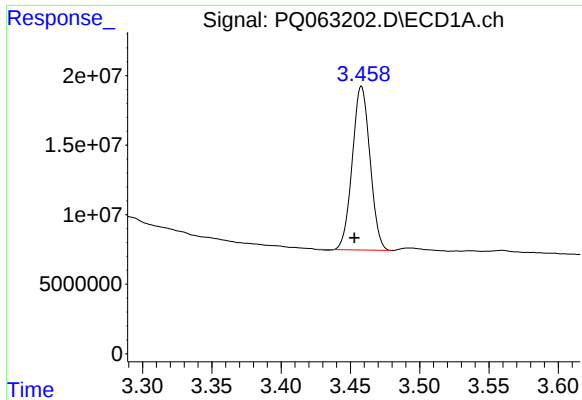
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.628	6.606	341973	1252982	0.570	1.825 #
43) L9	AR-1268-3	7.803	6.807	7238533	5494036	14.702	9.361 #
44) L9	AR-1268-4	8.135	7.097	-83812	332646	N.D.	1.306 #
45) L9	AR-1268-5	8.453	7.372	1169783	1848583	0.759	1.044 #

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

Instrument :
ECD_Q
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

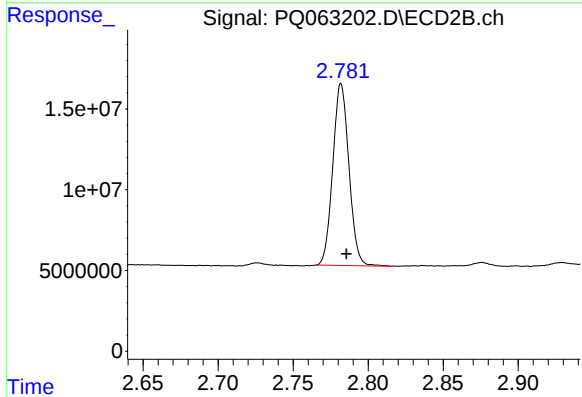




#1 Tetrachloro-m-xylene

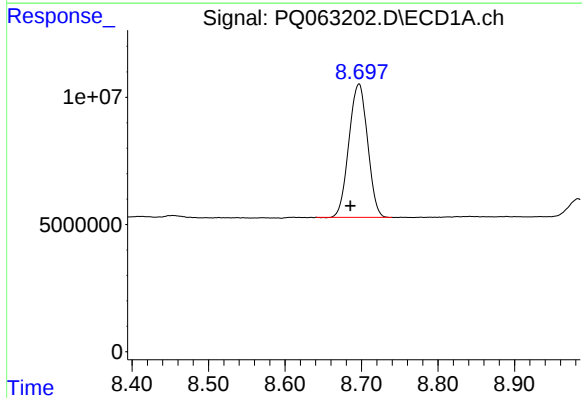
R.T.: 3.458 min
Delta R.T.: 0.005 min
Response: 104613694
Conc: 19.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



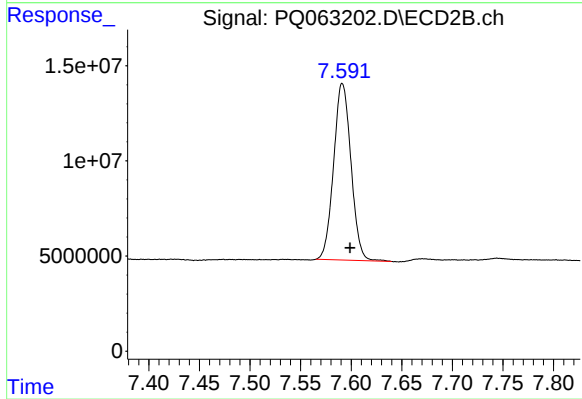
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: -0.003 min
Response: 84403782
Conc: 20.47 ng/ml



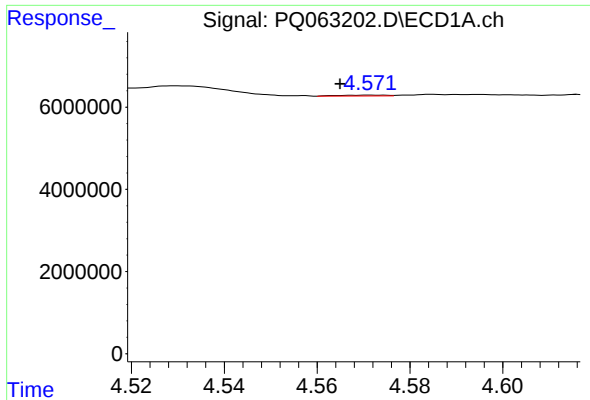
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: 0.011 min
Response: 89168941
Conc: 23.03 ng/ml



#2 Decachlorobiphenyl

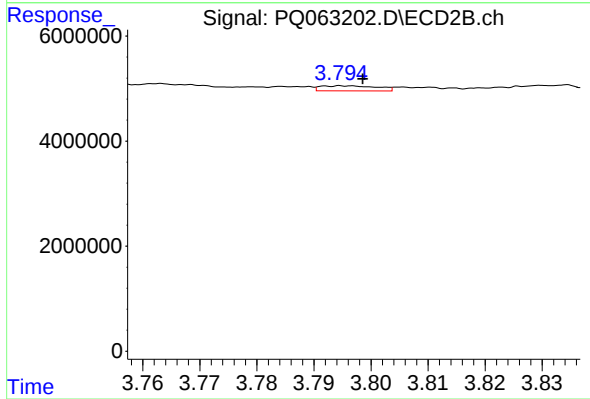
R.T.: 7.591 min
Delta R.T.: -0.008 min
Response: 110850983
Conc: 25.63 ng/ml



#3 AR-1016-1

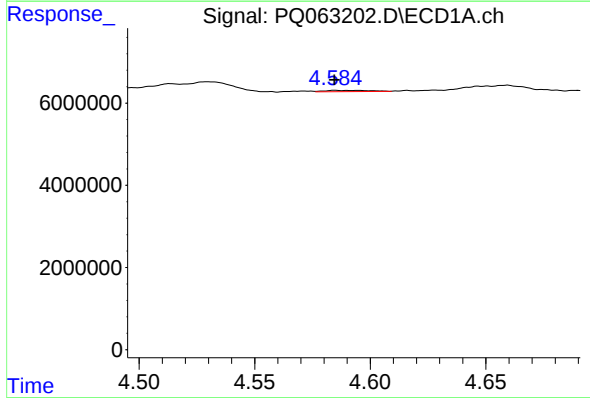
R.T.: 4.572 min
Delta R.T.: 0.007 min
Response: 145985
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



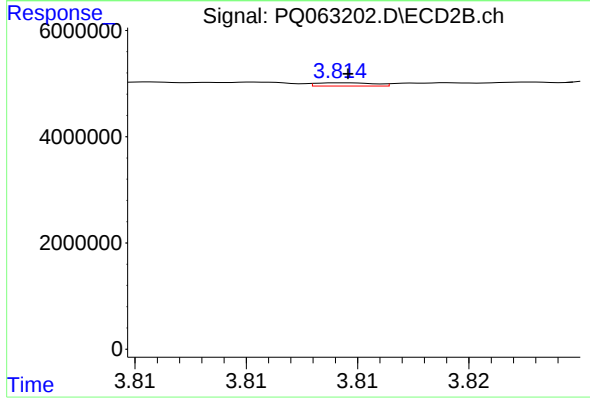
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: -0.006 min
Response: 670112
Conc: 4.20 ng/ml



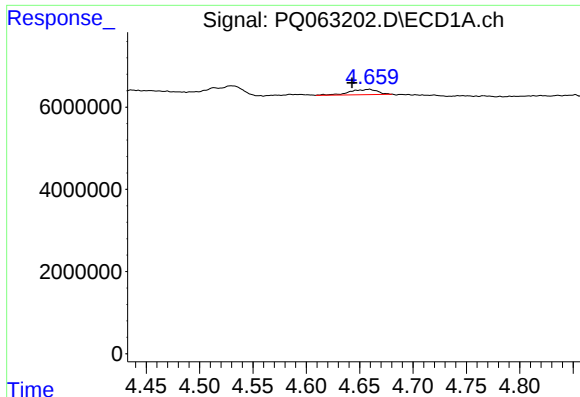
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 406225
Conc: 1.46 ng/ml



#4 AR-1016-2

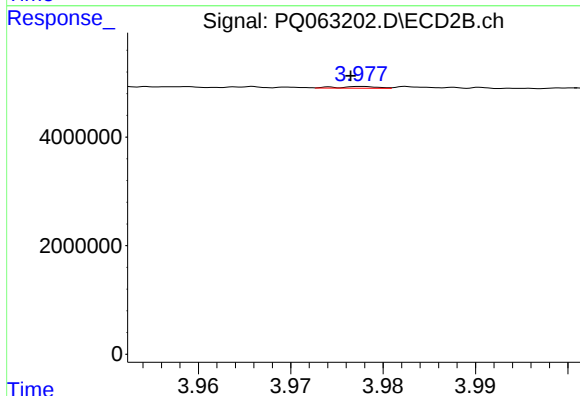
R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 111876
Conc: 0.52 ng/ml



#5 AR-1016-3

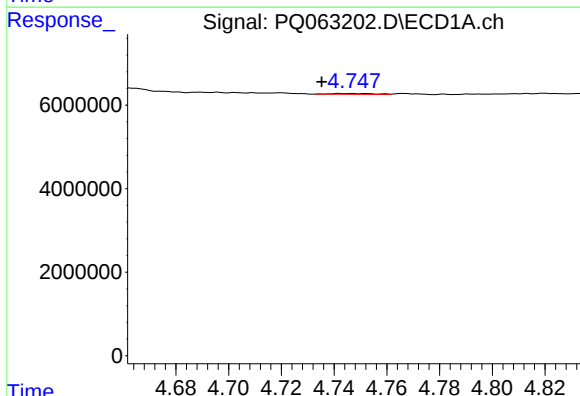
R.T.: 4.659 min
Delta R.T.: 0.016 min
Response: 2192615
Conc: 12.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



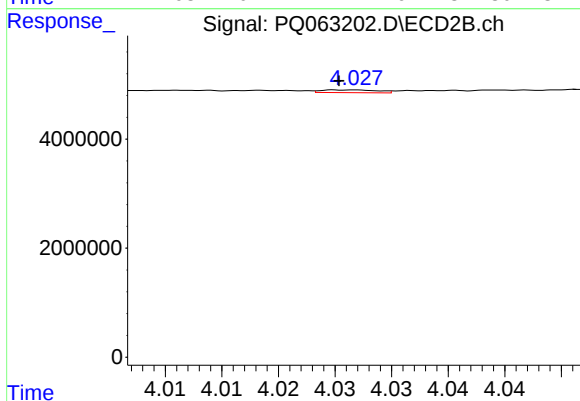
#5 AR-1016-3

R.T.: 3.978 min
Delta R.T.: 0.001 min
Response: 97143
Conc: 0.81 ng/ml



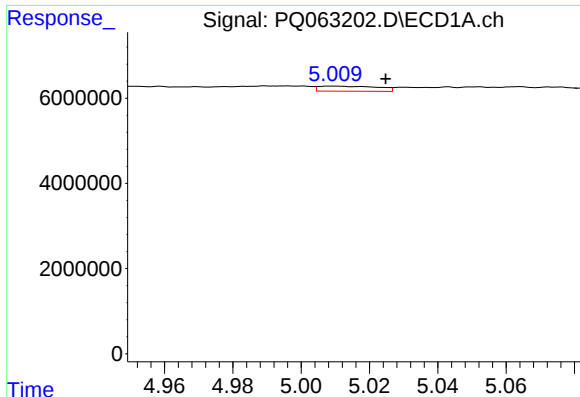
#6 AR-1016-4

R.T.: 4.746 min
Delta R.T.: 0.011 min
Response: 222803
Conc: 1.58 ng/ml



#6 AR-1016-4

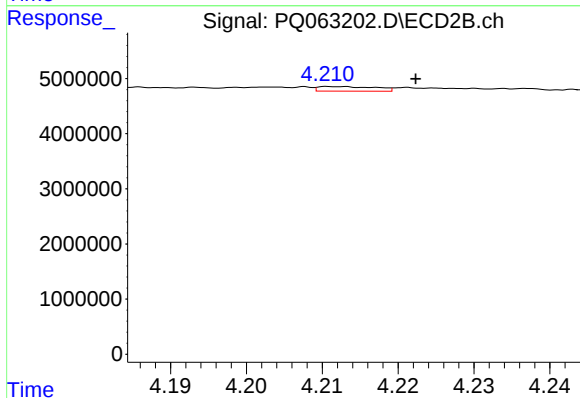
R.T.: 4.027 min
Delta R.T.: 0.002 min
Response: 173381
Conc: 1.79 ng/ml



#7 AR-1016-5

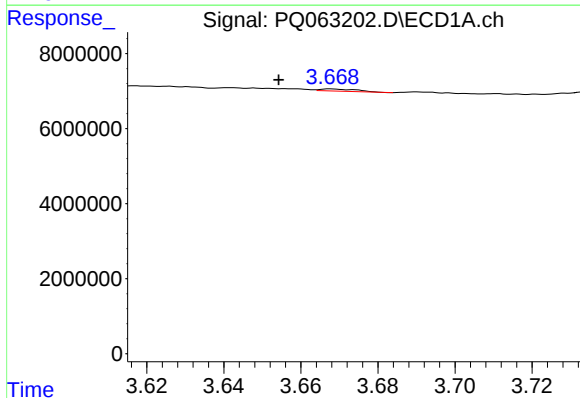
R.T.: 5.009 min
Delta R.T.: -0.015 min
Response: 1415741
Conc: 10.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



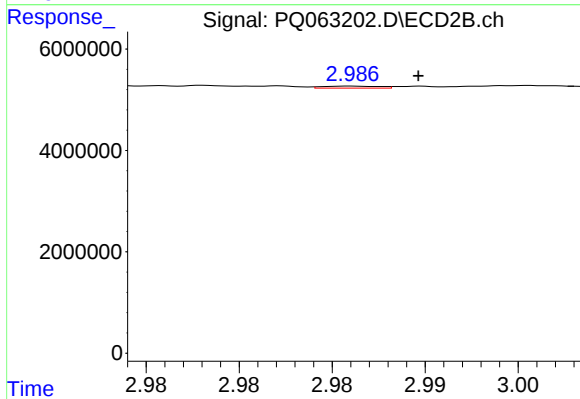
#7 AR-1016-5

R.T.: 4.211 min
Delta R.T.: -0.011 min
Response: 435224
Conc: 3.46 ng/ml



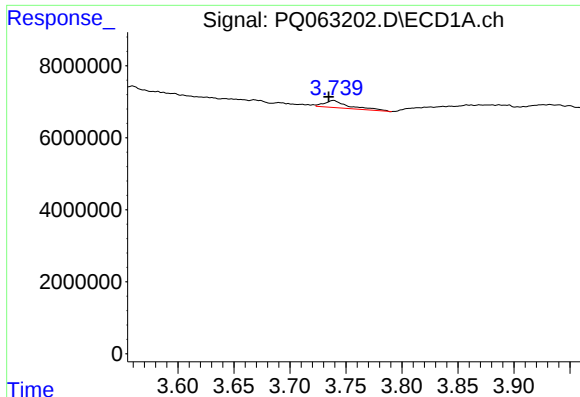
#8 AR-1221-1

R.T.: 3.668 min
Delta R.T.: 0.014 min
Response: 357120
Conc: 5.25 ng/ml



#8 AR-1221-1

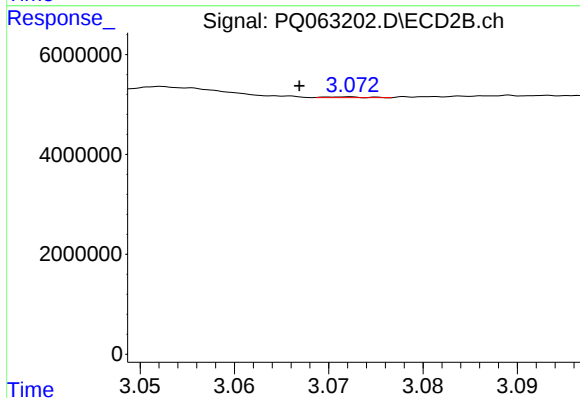
R.T.: 2.986 min
Delta R.T.: -0.003 min
Response: 82746
Conc: 1.51 ng/ml



#9 AR-1221-2

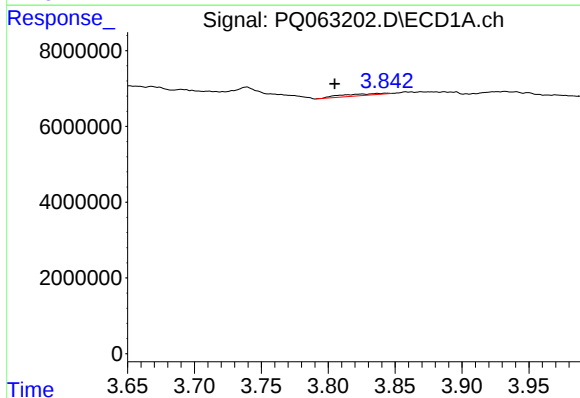
R.T.: 3.739 min
Delta R.T.: 0.004 min
Response: 3140268
Conc: 65.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



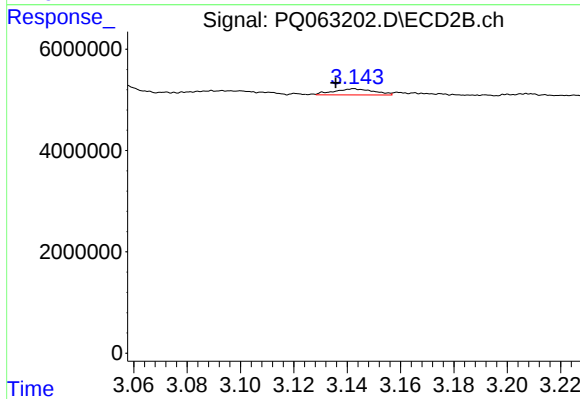
#9 AR-1221-2

R.T.: 3.072 min
Delta R.T.: 0.006 min
Response: 42814
Conc: 1.14 ng/ml



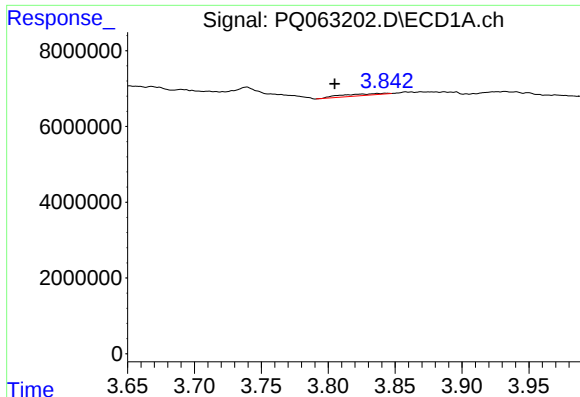
#10 AR-1221-3

R.T.: 3.844 min
Delta R.T.: 0.039 min
Response: 1025565
Conc: 6.65 ng/ml



#10 AR-1221-3

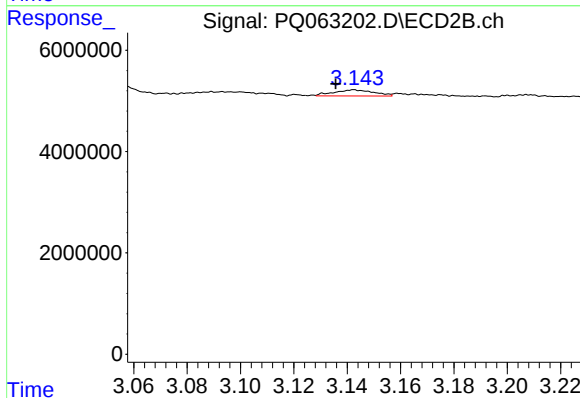
R.T.: 3.143 min
Delta R.T.: 0.007 min
Response: 1274784
Conc: 10.59 ng/ml



#11 AR-1232-1

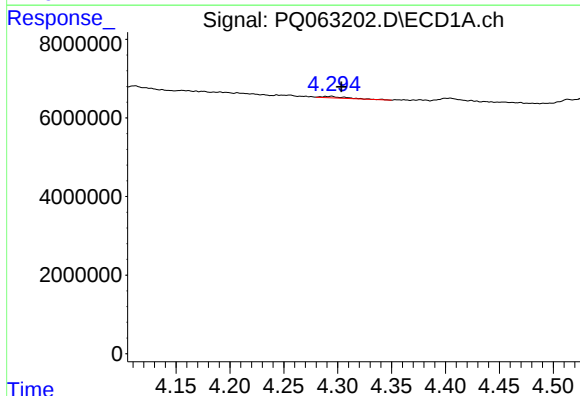
R.T.: 3.844 min
Delta R.T.: 0.039 min
Response: 1025565
Conc: 7.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



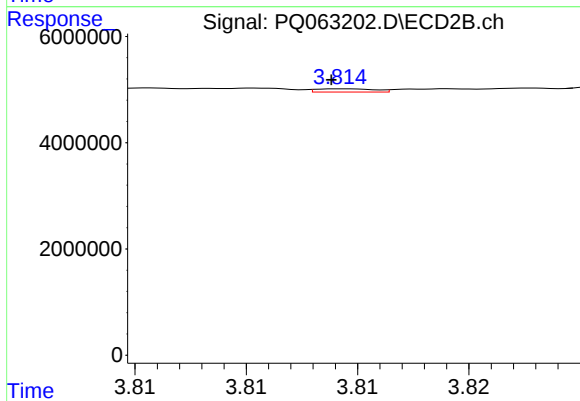
#11 AR-1232-1

R.T.: 3.143 min
Delta R.T.: 0.007 min
Response: 1274784
Conc: 13.08 ng/ml



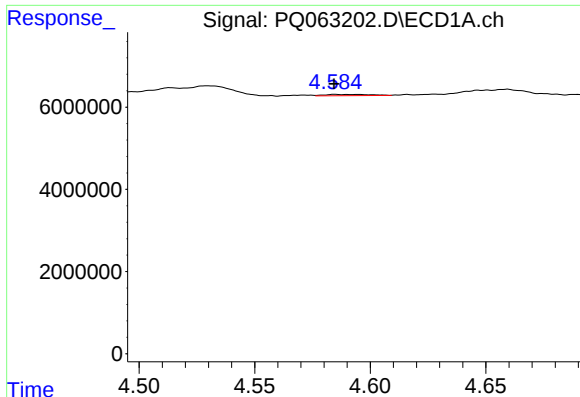
#12 AR-1232-2

R.T.: 4.294 min
Delta R.T.: -0.009 min
Response: 577044
Conc: 8.27 ng/ml



#12 AR-1232-2

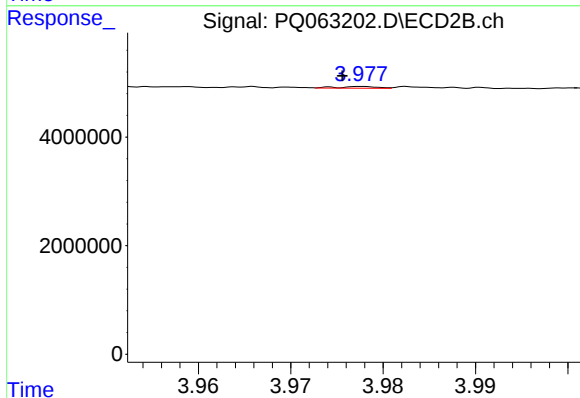
R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 111876
Conc: 1.15 ng/ml



#13 AR-1232-3

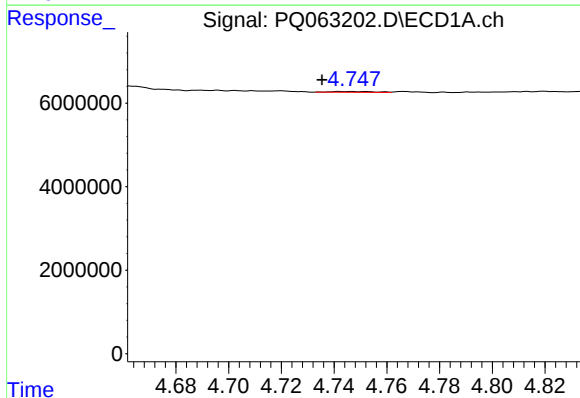
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 406225
Conc: 3.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



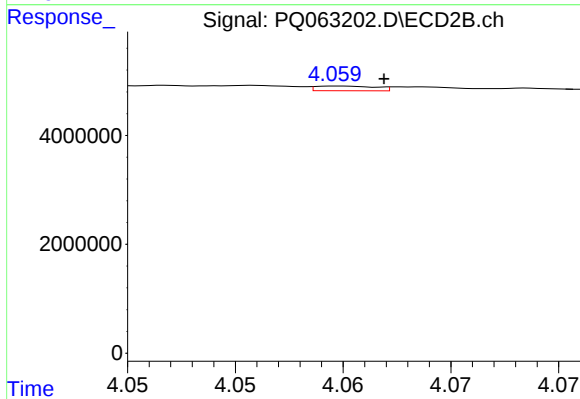
#13 AR-1232-3

R.T.: 3.978 min
Delta R.T.: 0.002 min
Response: 97143
Conc: 1.83 ng/ml



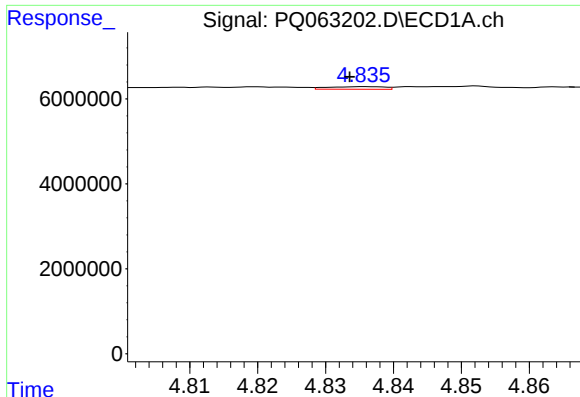
#14 AR-1232-4

R.T.: 4.746 min
Delta R.T.: 0.011 min
Response: 222803
Conc: 3.69 ng/ml



#14 AR-1232-4

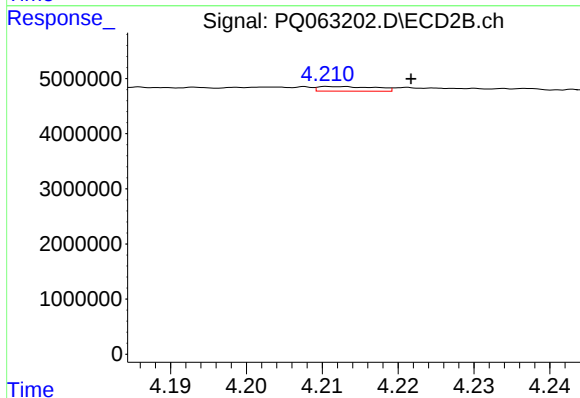
R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 169234
Conc: 3.69 ng/ml



#15 AR-1232-5

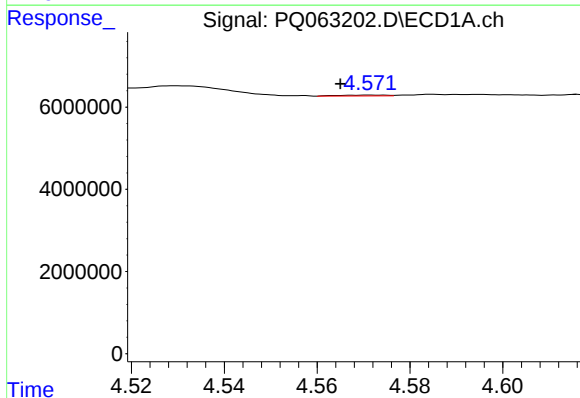
R.T.: 4.836 min
Delta R.T.: 0.002 min
Response: 350211
Conc: 8.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



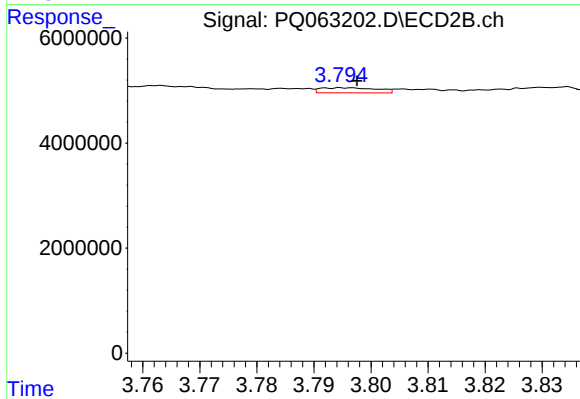
#15 AR-1232-5

R.T.: 4.211 min
Delta R.T.: -0.011 min
Response: 435224
Conc: 8.03 ng/ml



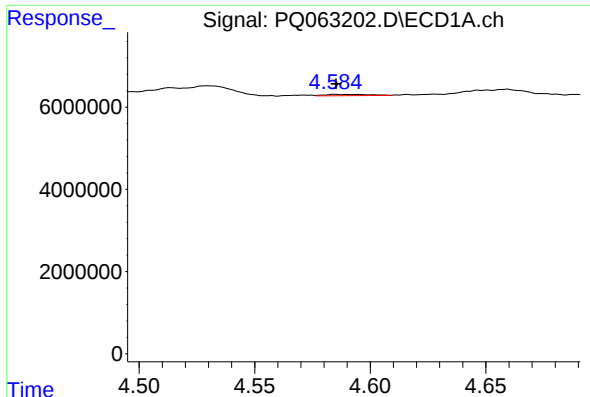
#16 AR-1242-1

R.T.: 4.572 min
Delta R.T.: 0.007 min
Response: 145985
Conc: 0.86 ng/ml



#16 AR-1242-1

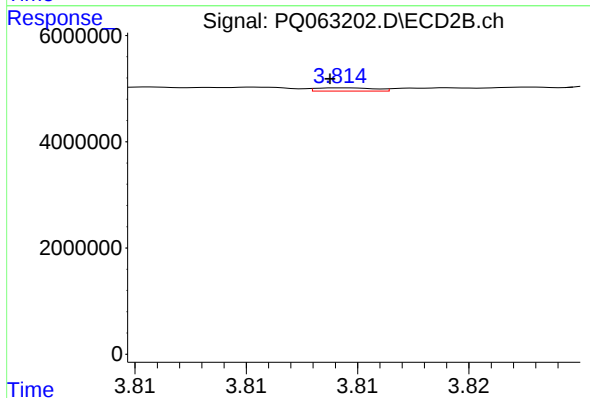
R.T.: 3.792 min
Delta R.T.: -0.005 min
Response: 670112
Conc: 4.64 ng/ml



#17 AR-1242-2

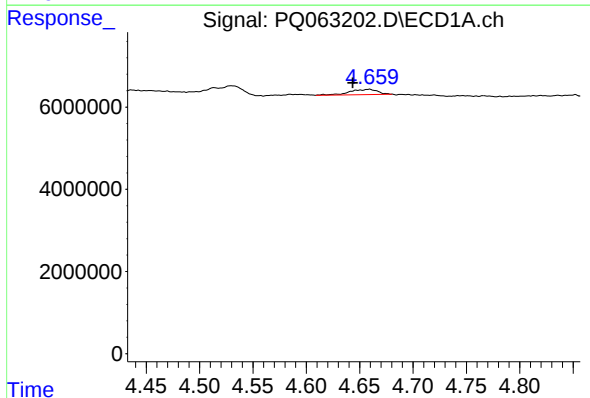
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 406225
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



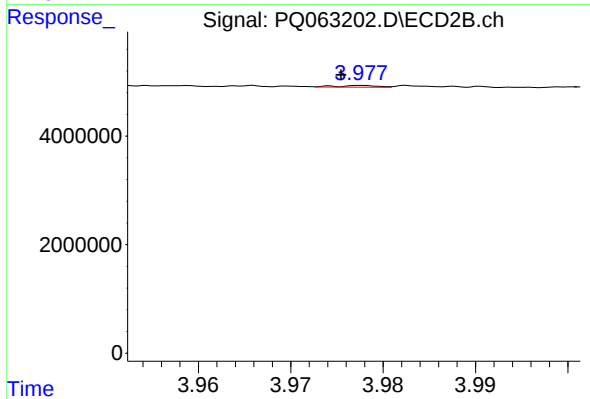
#17 AR-1242-2

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 111876
Conc: 0.59 ng/ml



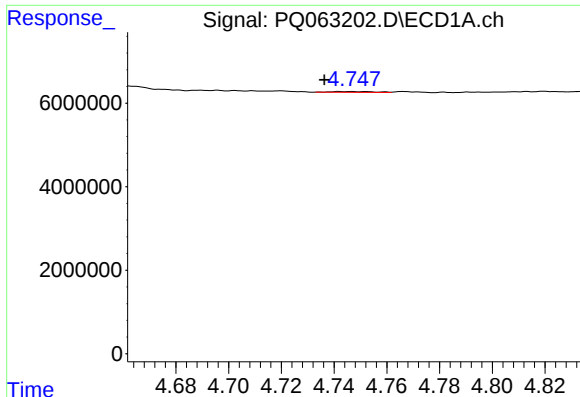
#18 AR-1242-3

R.T.: 4.659 min
Delta R.T.: 0.016 min
Response: 2192615
Conc: 14.97 ng/ml



#18 AR-1242-3

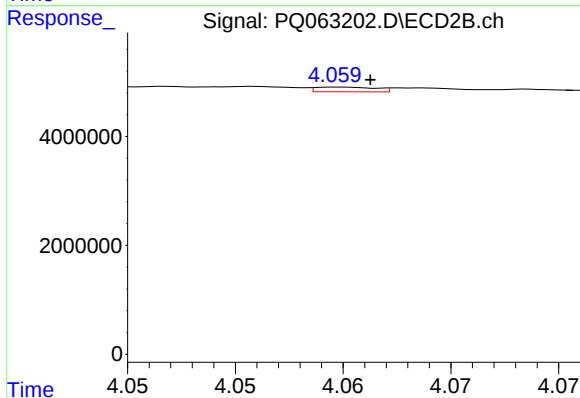
R.T.: 3.978 min
Delta R.T.: 0.002 min
Response: 97143
Conc: 0.90 ng/ml



#19 AR-1242-4

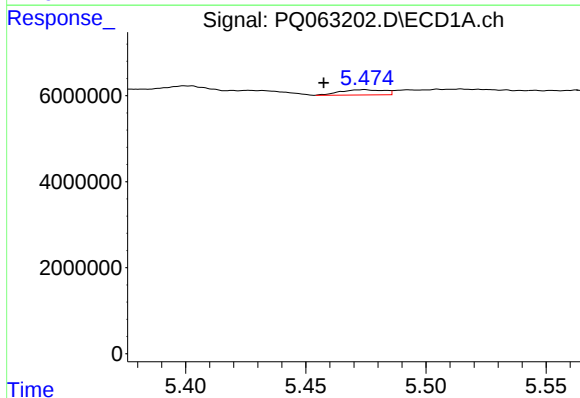
R.T.: 4.746 min
Delta R.T.: 0.010 min
Response: 222803
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



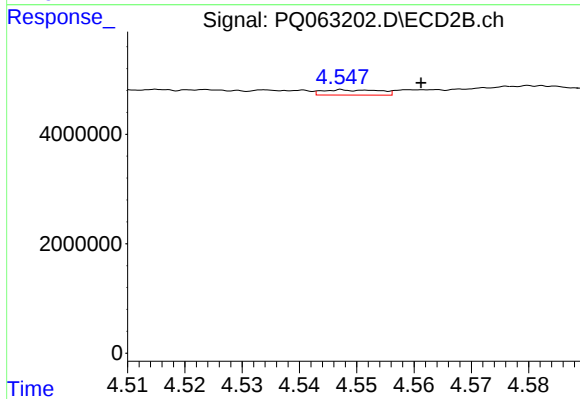
#19 AR-1242-4

R.T.: 4.060 min
Delta R.T.: -0.001 min
Response: 169234
Conc: 1.70 ng/ml



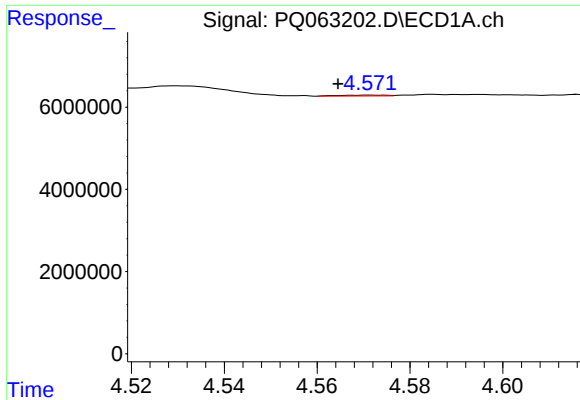
#20 AR-1242-5

R.T.: 5.474 min
Delta R.T.: 0.017 min
Response: 1545622
Conc: 11.70 ng/ml



#20 AR-1242-5

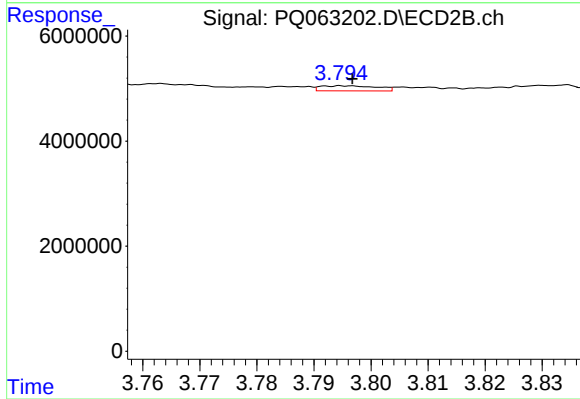
R.T.: 4.548 min
Delta R.T.: -0.014 min
Response: 665396
Conc: 4.92 ng/ml



#21 AR-1248-1

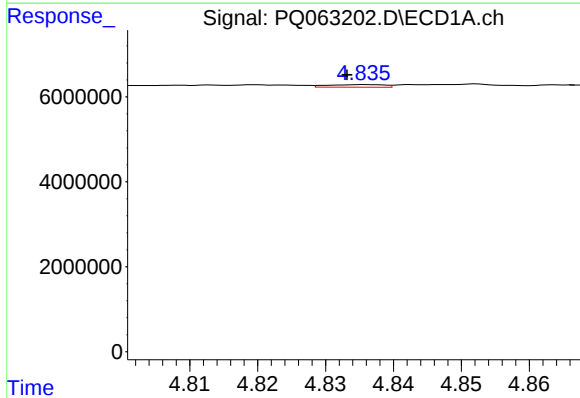
R.T.: 4.572 min
Delta R.T.: 0.008 min
Response: 145985
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



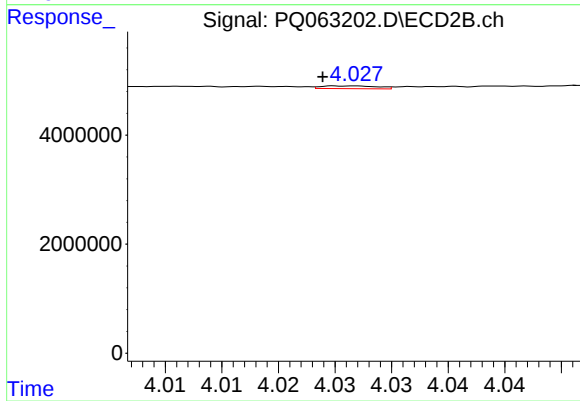
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: -0.005 min
Response: 670112
Conc: 6.00 ng/ml



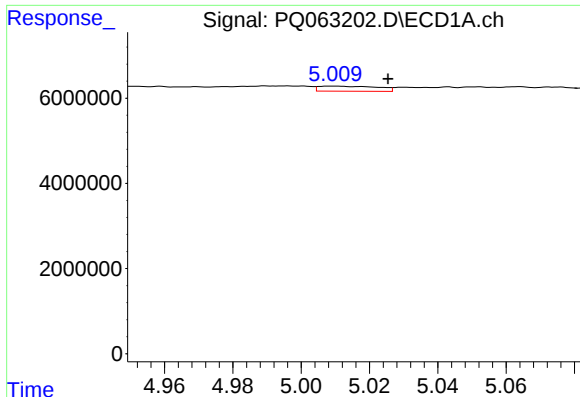
#22 AR-1248-2

R.T.: 4.836 min
Delta R.T.: 0.003 min
Response: 350211
Conc: 2.00 ng/ml



#22 AR-1248-2

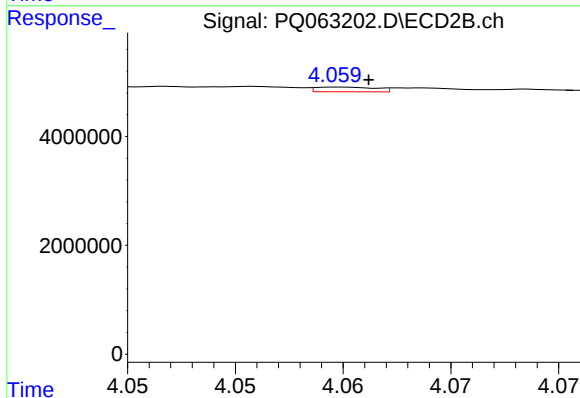
R.T.: 4.027 min
Delta R.T.: 0.003 min
Response: 173381
Conc: 1.10 ng/ml



#23 AR-1248-3

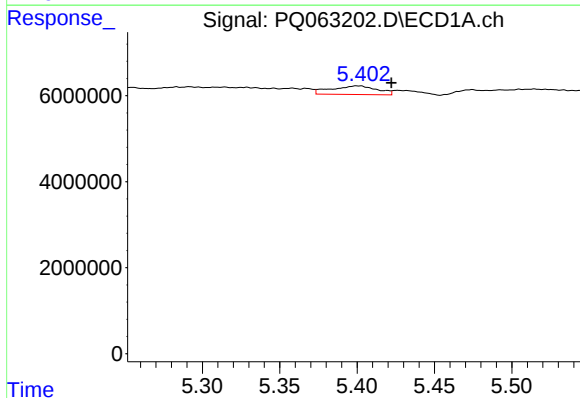
R.T.: 5.009 min
Delta R.T.: -0.016 min
Response: 1415741
Conc: 6.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



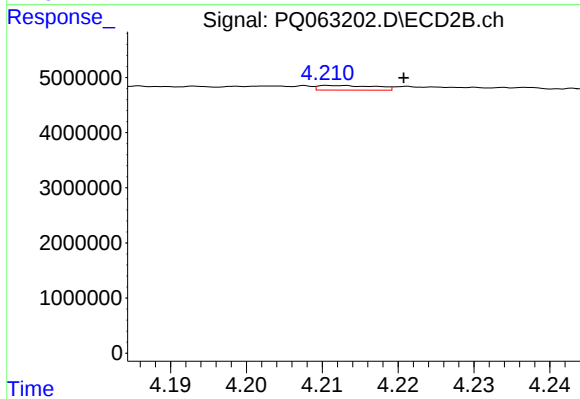
#23 AR-1248-3

R.T.: 4.060 min
Delta R.T.: -0.001 min
Response: 169234
Conc: 1.11 ng/ml



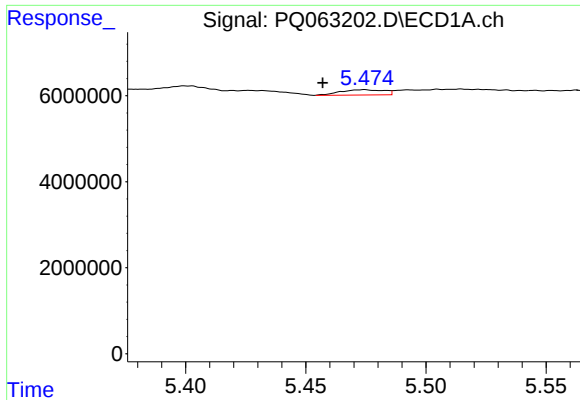
#24 AR-1248-4

R.T.: 5.401 min
Delta R.T.: -0.022 min
Response: 4117479
Conc: 17.28 ng/ml



#24 AR-1248-4

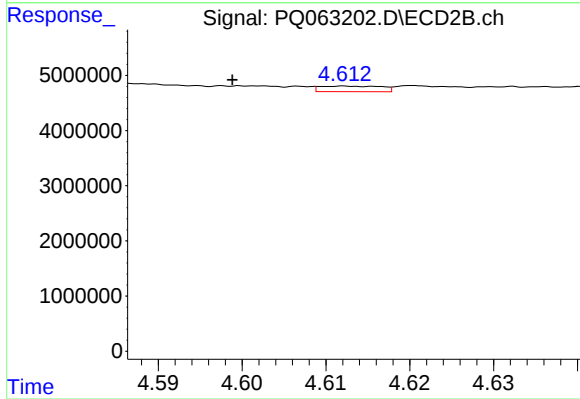
R.T.: 4.211 min
Delta R.T.: -0.010 min
Response: 435224
Conc: 2.29 ng/ml



#25 AR-1248-5

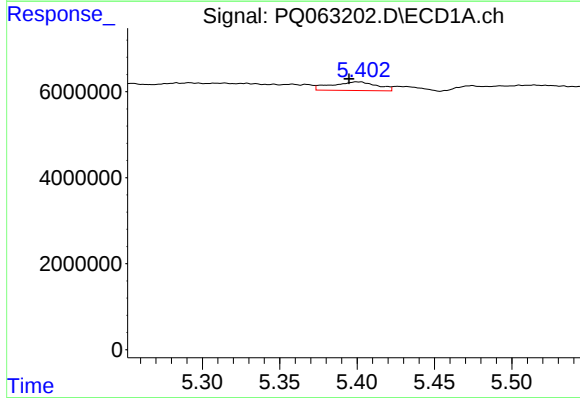
R.T.: 5.474 min
Delta R.T.: 0.017 min
Response: 1545622
Conc: 6.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



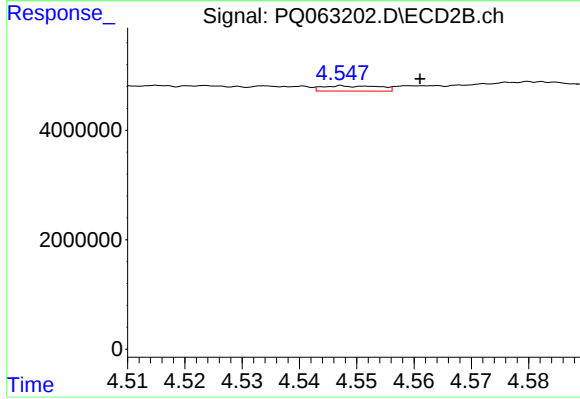
#25 AR-1248-5

R.T.: 4.612 min
Delta R.T.: 0.013 min
Response: 515821
Conc: 2.67 ng/ml



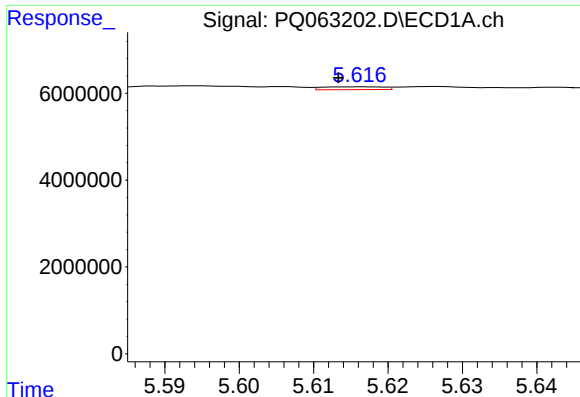
#26 AR-1254-1

R.T.: 5.401 min
Delta R.T.: 0.006 min
Response: 4117479
Conc: 18.80 ng/ml



#26 AR-1254-1

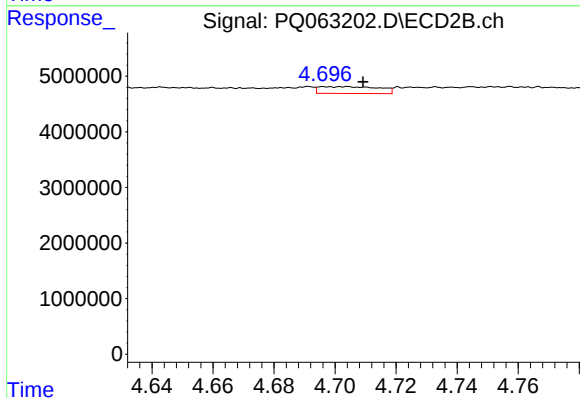
R.T.: 4.548 min
Delta R.T.: -0.013 min
Response: 665396
Conc: 2.48 ng/ml



#27 AR-1254-2

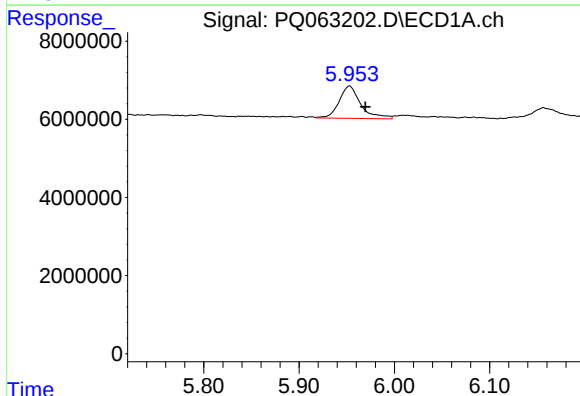
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 378418
Conc: 1.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



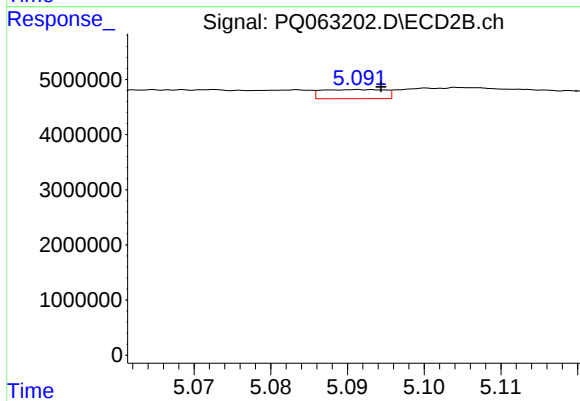
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 1660551
Conc: 7.07 ng/ml



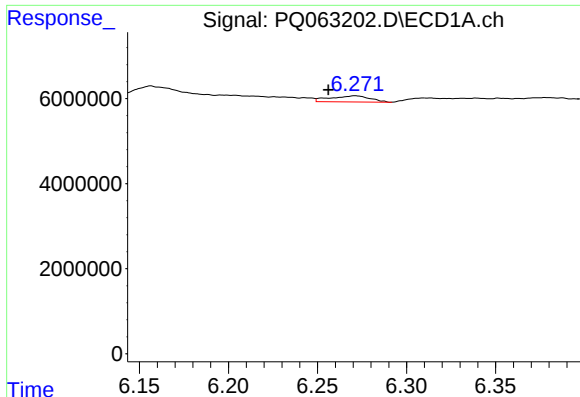
#28 AR-1254-3

R.T.: 5.953 min
Delta R.T.: -0.017 min
Response: 13096945
Conc: 36.53 ng/ml



#28 AR-1254-3

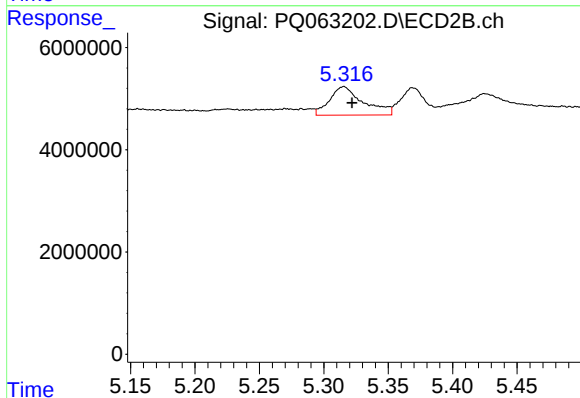
R.T.: 5.092 min
Delta R.T.: -0.003 min
Response: 950290
Conc: 2.51 ng/ml



#29 AR-1254-4

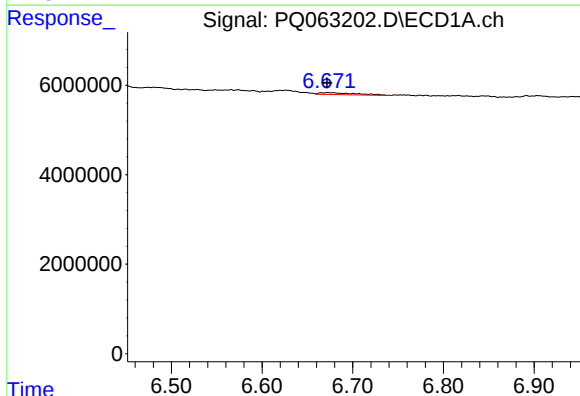
R.T.: 6.271 min
Delta R.T.: 0.015 min
Response: 2227442
Conc: 8.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



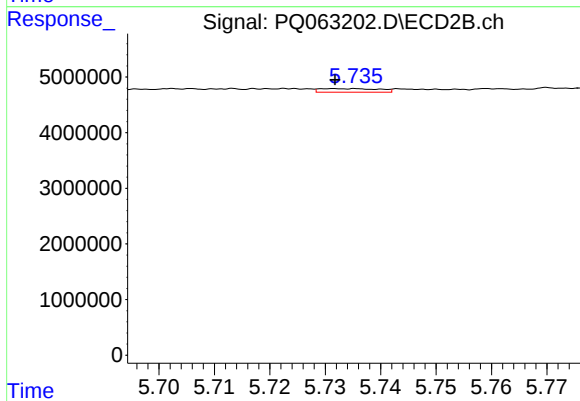
#29 AR-1254-4

R.T.: 5.316 min
Delta R.T.: -0.006 min
Response: 10141847
Conc: 41.51 ng/ml



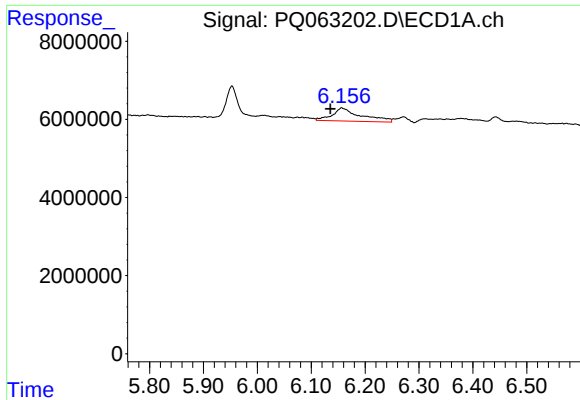
#30 AR-1254-5

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 1210660
Conc: 4.38 ng/ml



#30 AR-1254-5

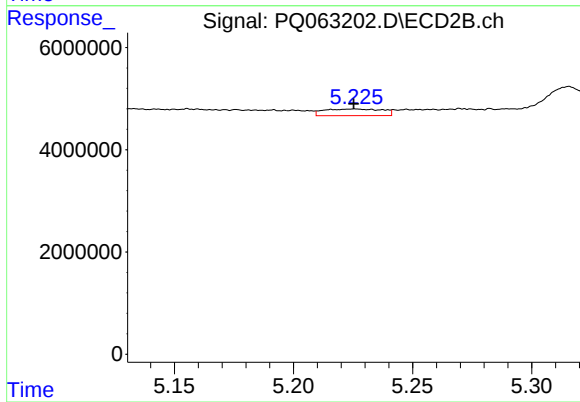
R.T.: 5.736 min
Delta R.T.: 0.004 min
Response: 474566
Conc: 1.38 ng/ml



#31 AR-1260-1

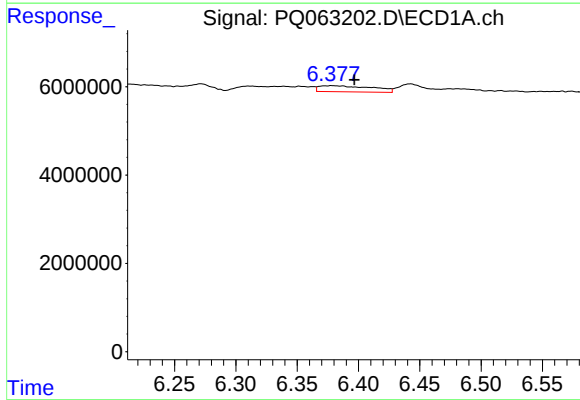
R.T.: 6.156 min
Delta R.T.: 0.021 min
Response: 12521974
Conc: 48.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



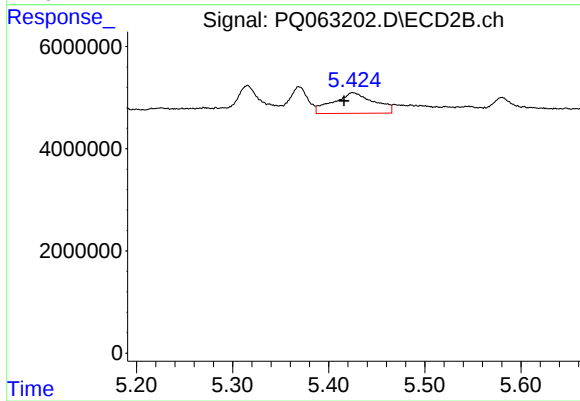
#31 AR-1260-1

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 2214618
Conc: 8.87 ng/ml



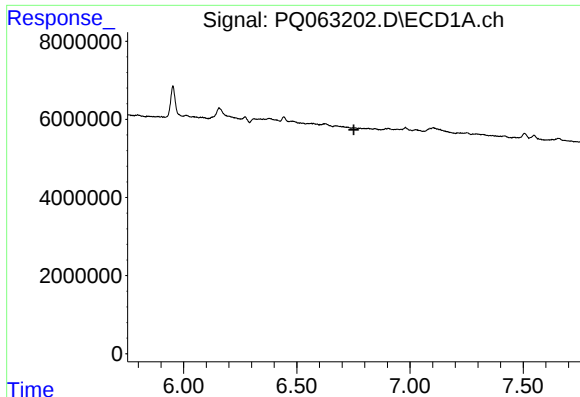
#32 AR-1260-2

R.T.: 6.378 min
Delta R.T.: -0.018 min
Response: 4173323
Conc: 13.75 ng/ml



#32 AR-1260-2

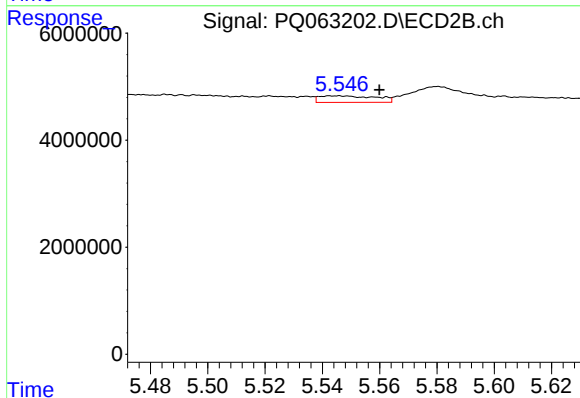
R.T.: 5.425 min
Delta R.T.: 0.009 min
Response: 11951307
Conc: 38.81 ng/ml



#33 AR-1260-3

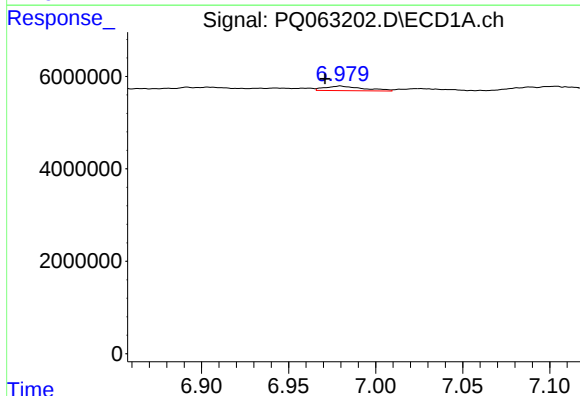
R.T.: 0.000 min
Exp R.T.: 6.752 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



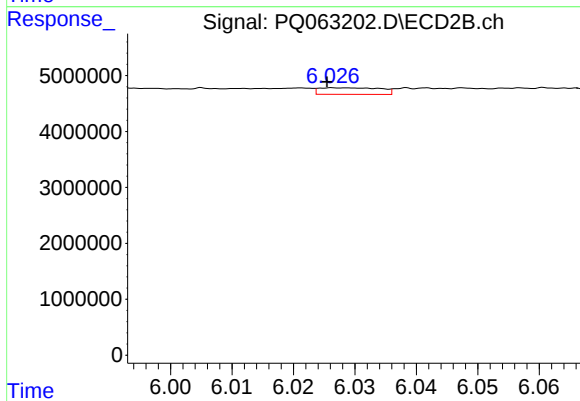
#33 AR-1260-3

R.T.: 5.546 min
Delta R.T.: -0.014 min
Response: 1693142
Conc: 5.46 ng/ml



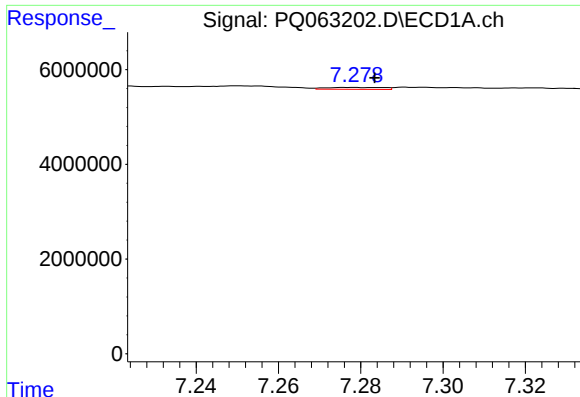
#34 AR-1260-4

R.T.: 6.980 min
Delta R.T.: 0.009 min
Response: 1514712
Conc: 6.32 ng/ml



#34 AR-1260-4

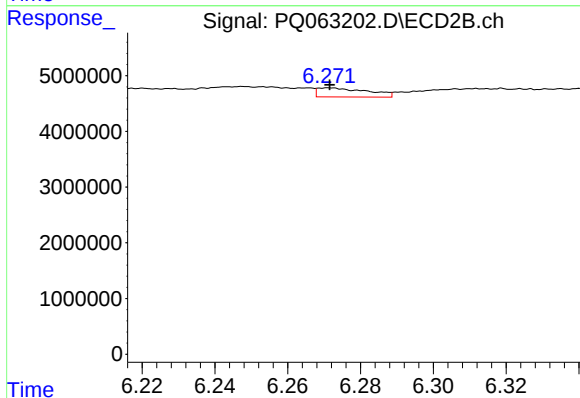
R.T.: 6.029 min
Delta R.T.: 0.003 min
Response: 808732
Conc: 3.30 ng/ml



#35 AR-1260-5

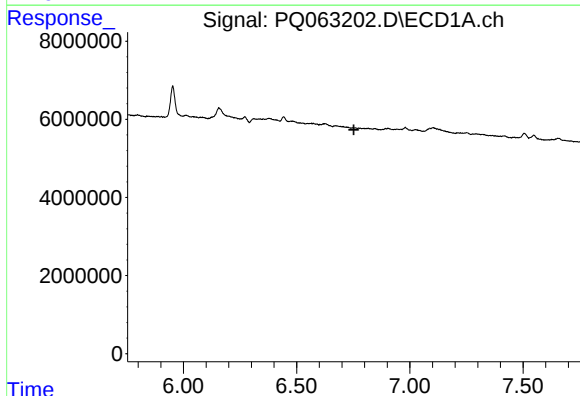
R.T.: 7.277 min
Delta R.T.: -0.006 min
Response: 397729
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



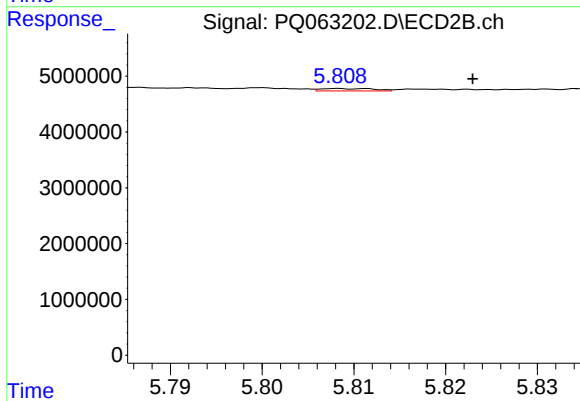
#35 AR-1260-5

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 1562935
Conc: 2.86 ng/ml



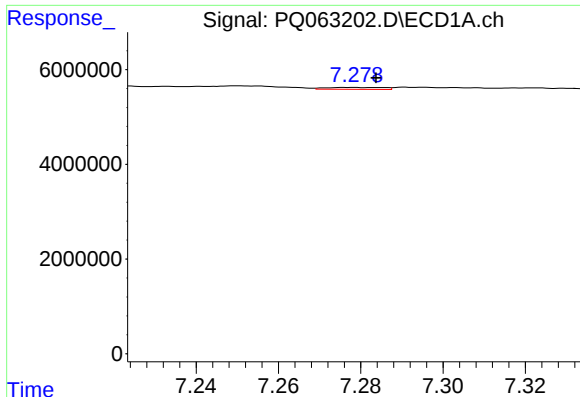
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.753 min
Response: 0
Conc: N.D.



#36 AR-1262-1

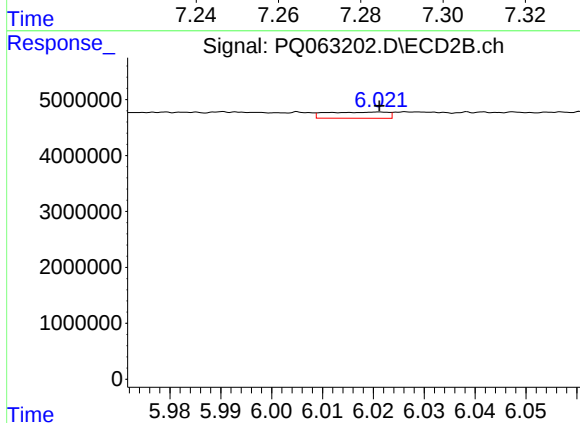
R.T.: 5.808 min
Delta R.T.: -0.015 min
Response: 172421
Conc: 1.21 ng/ml



#37 AR-1262-2

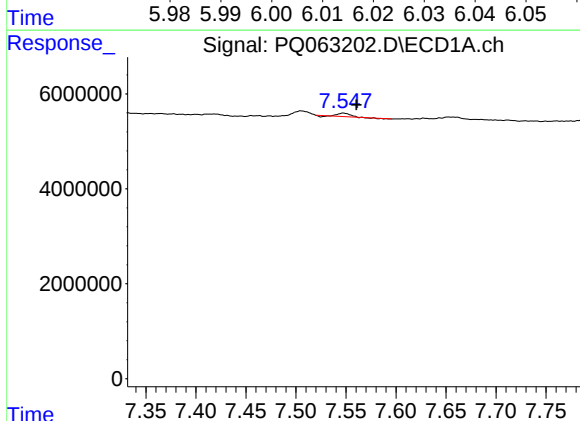
R.T.: 7.277 min
Delta R.T.: -0.006 min
Response: 397729
Conc: 0.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



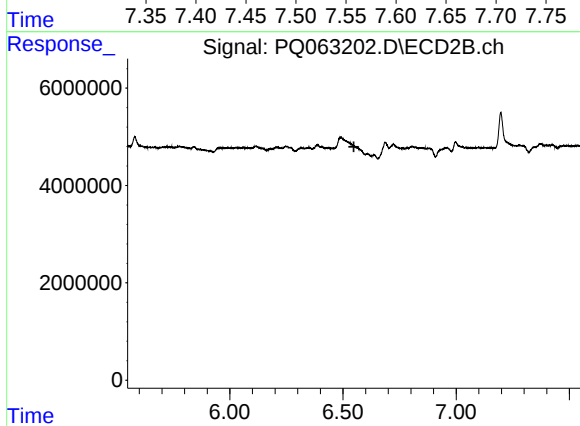
#37 AR-1262-2

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 917169
Conc: 2.93 ng/ml



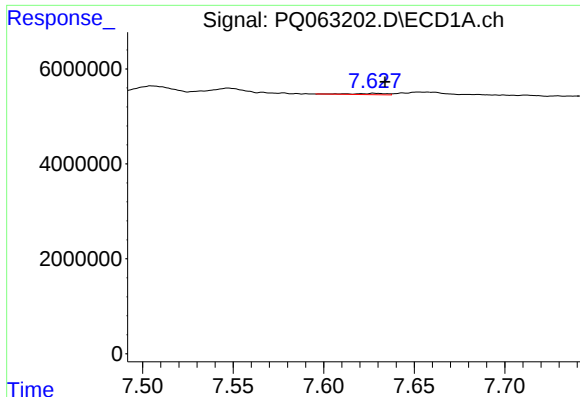
#38 AR-1262-3

R.T.: 7.547 min
Delta R.T.: -0.013 min
Response: 513317
Conc: 1.42 ng/ml



#38 AR-1262-3

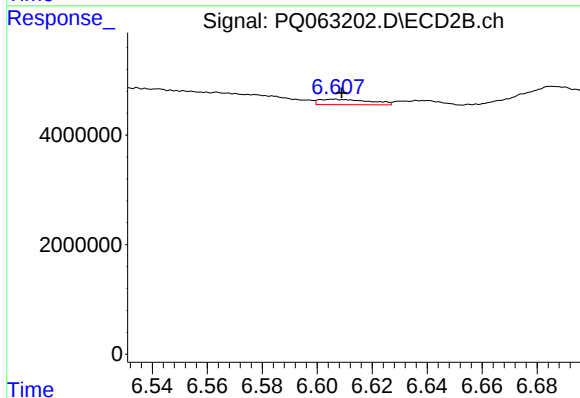
R.T.: 0.000 min
Exp R.T.: 6.548 min
Response: 0
Conc: N.D.



#39 AR-1262-4

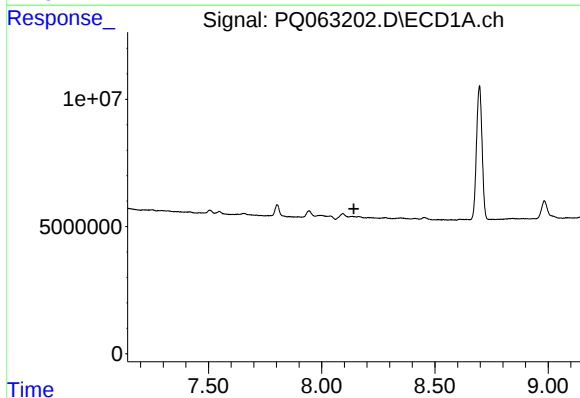
R.T.: 7.628 min
Delta R.T.: -0.006 min
Response: 341973
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



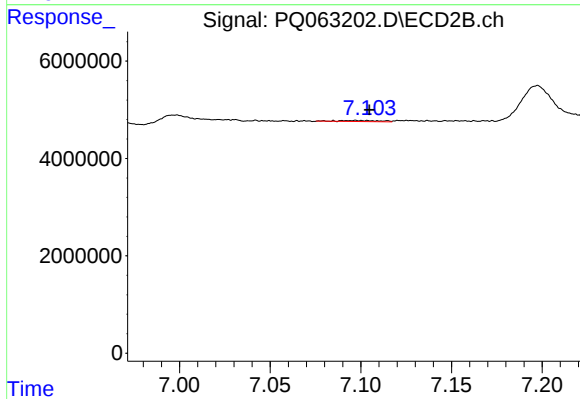
#39 AR-1262-4

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 1252982
Conc: 2.68 ng/ml



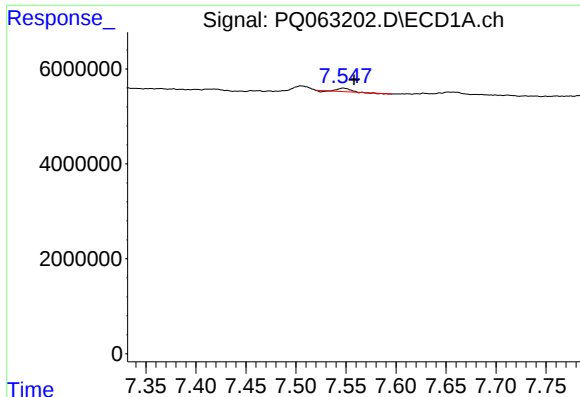
#40 AR-1262-5

R.T.: 8.135 min
Delta R.T.: -0.007 min
Response: -83812
Conc: N.D.



#40 AR-1262-5

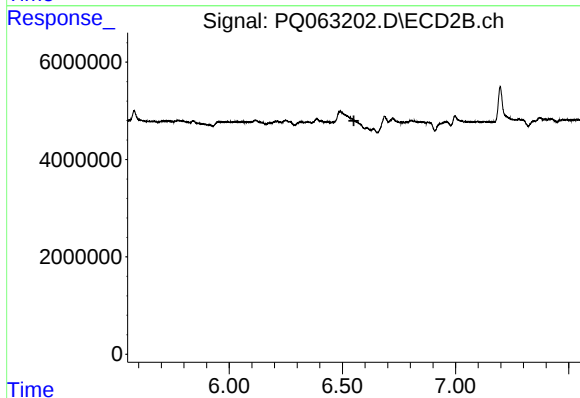
R.T.: 7.097 min
Delta R.T.: -0.008 min
Response: 332646
Conc: 1.51 ng/ml



#41 AR-1268-1

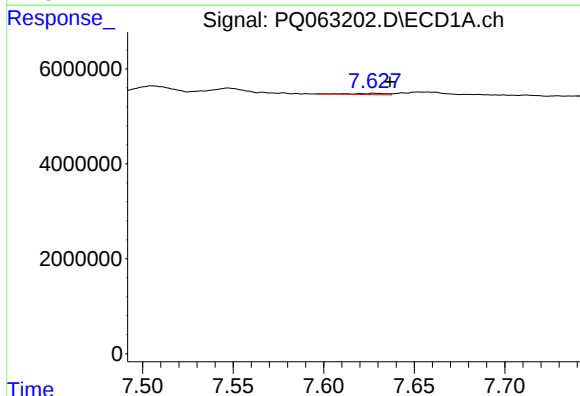
R.T.: 7.547 min
Delta R.T.: -0.011 min
Response: 513317
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



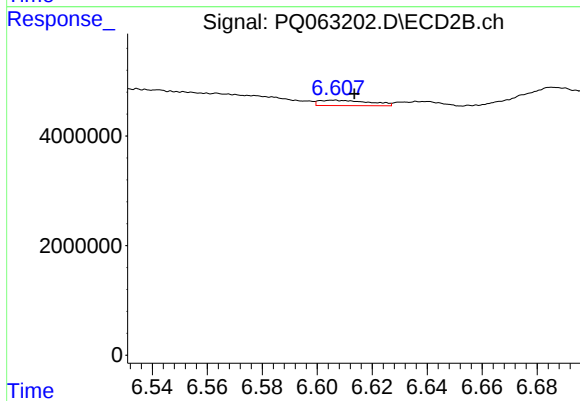
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.551 min
Response: 0
Conc: N.D.



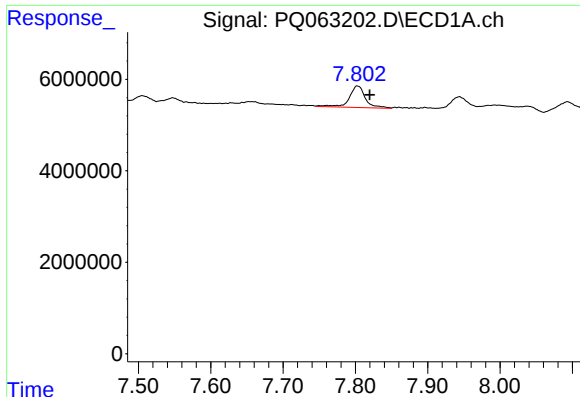
#42 AR-1268-2

R.T.: 7.628 min
Delta R.T.: -0.009 min
Response: 341973
Conc: 0.57 ng/ml



#42 AR-1268-2

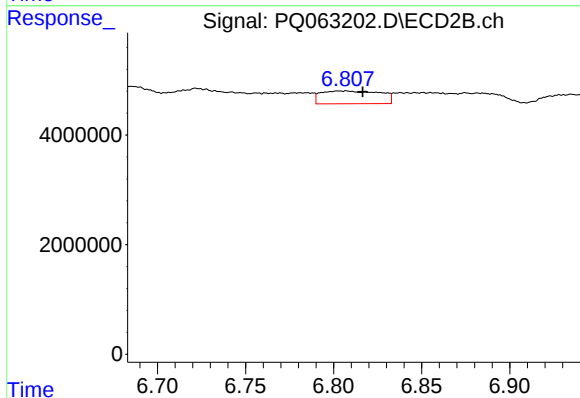
R.T.: 6.606 min
Delta R.T.: -0.007 min
Response: 1252982
Conc: 1.82 ng/ml



#43 AR-1268-3

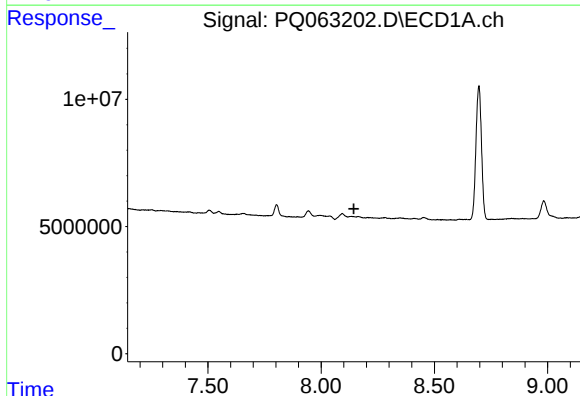
R.T.: 7.803 min
Delta R.T.: -0.017 min
Response: 7238533
Conc: 14.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



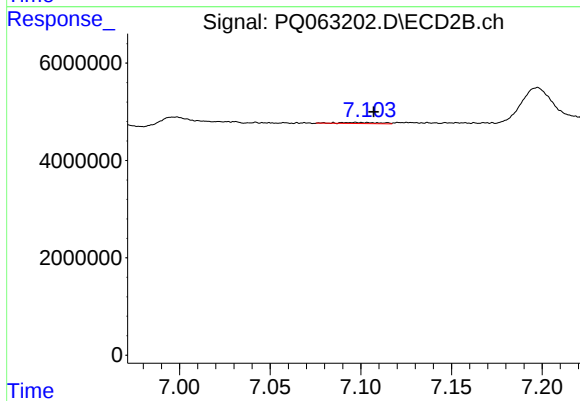
#43 AR-1268-3

R.T.: 6.807 min
Delta R.T.: -0.010 min
Response: 5494036
Conc: 9.36 ng/ml



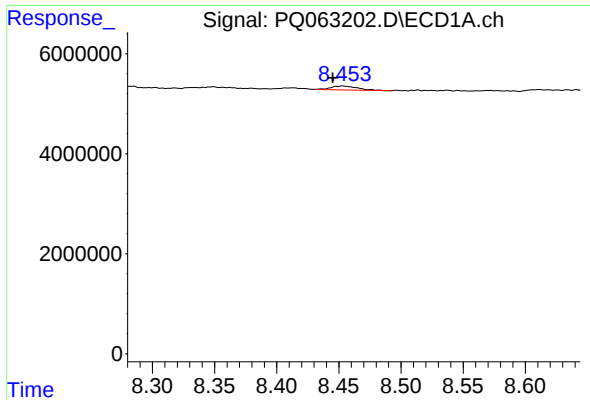
#44 AR-1268-4

R.T.: 8.135 min
Delta R.T.: -0.010 min
Response: -83812
Conc: N.D.



#44 AR-1268-4

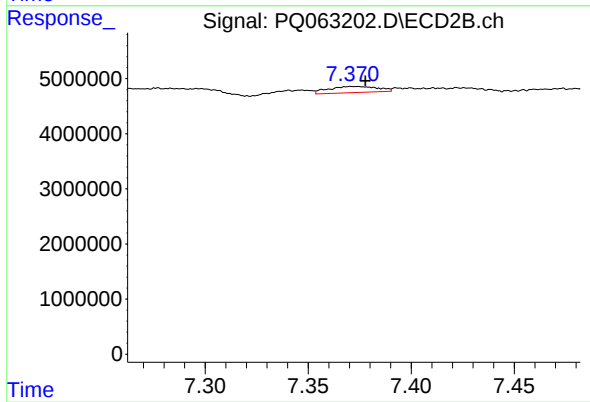
R.T.: 7.097 min
Delta R.T.: -0.010 min
Response: 332646
Conc: 1.31 ng/ml



#45 AR-1268-5

R.T.: 8.453 min
Delta R.T.: 0.008 min
Response: 1169783
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.372 min
Delta R.T.: -0.006 min
Response: 1848583
Conc: 1.04 ng/ml