

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
 Data File : PQ063127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 10:52
 Operator : YP\AJ
 Sample : 04093-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 12:32:54 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...	3.454	2.783	102.0E6	94870264	18.981	23.003
2)	SA Decachlor...	8.686	7.589	61524439	60158173	15.890	13.908
Target Compounds							
3)	L1 AR-1016-1	4.570	3.808	5076254	-715697	26.089	N.D. #
4)	L1 AR-1016-2	4.570	3.808	5076254	-715697	18.294	N.D. #
5)	L1 AR-1016-3	4.632	3.975	722257	9178618	4.224	76.772 #
6)	L1 AR-1016-4	4.730	4.029	1079175	5355853	7.668	55.200 #
7)	L1 AR-1016-5	5.060f	4.217	2228132	10982810	16.194	87.276 #
8)	L2 AR-1221-1	3.658	2.987	283876	62731	4.172	1.143 #
9)	L2 AR-1221-2	3.736	3.054	1640157	998262	34.377	26.466
10)	L2 AR-1221-3	3.802	3.140	141355	76671756	0.916	637.211 #
11)	L3 AR-1232-1	3.802	3.140	141355	76671756	1.094	786.898 #
13)	L3 AR-1232-3	4.570	3.975	5076254	9178618	41.543	172.864 #
14)	L3 AR-1232-4	4.730	4.074	1079175	33496721	17.885	729.805 #
15)	L3 AR-1232-5	4.812	4.217	18415588	10982810	421.926	202.550 #
16)	L4 AR-1242-1	4.570	3.808	5076254	-715697	30.077	N.D. #
17)	L4 AR-1242-2	4.600	3.808	3921009	-715697	16.259	N.D. #
18)	L4 AR-1242-3	4.632	3.975	722257	9178618	4.931	85.043 #
19)	L4 AR-1242-4	4.730	4.074	1079175	33496721	8.721	336.214 #
20)	L4 AR-1242-5	0.000	4.553	0	15508023	N.D.	114.700 #
21)	L5 AR-1248-1	4.570	3.808	5076254	-715697	38.124	N.D. #
22)	L5 AR-1248-2	4.812	4.019	18415588	2739273	105.381	17.346 #
23)	L5 AR-1248-3	5.060f	4.074	2228132	33496721	10.536	219.651 #
24)	L5 AR-1248-4	0.000	4.217	0	10982810	N.D.	57.755 #
25)	L5 AR-1248-5	0.000	4.602	0	16814415	N.D.	86.937 #
26)	L6 AR-1254-1	0.000	4.553	0	15508023	N.D.	57.799 #
28)	L6 AR-1254-3	5.952	5.054f	735441	13030977	2.051	34.458 #
29)	L6 AR-1254-4	6.261	5.366f	1976317	6215113	7.294	25.440 #
30)	L6 AR-1254-5	6.660	5.733	343461	83033	1.242	0.241 #
31)	L7 AR-1260-1	6.145	5.226	123393	8945540	0.483	35.843 #
32)	L7 AR-1260-2	0.000	5.400	0	852697	N.D.	2.769 #
33)	L7 AR-1260-3	6.781f	5.560	889919	360558	4.222	1.164 #
34)	L7 AR-1260-4	6.983	6.003	846271	1094978	3.531	4.465 #
35)	L7 AR-1260-5	0.000	6.267	0	567904	N.D.	1.039 #
36)	L8 AR-1262-1	6.781f	5.822	889919	40892	2.756	0.286 #
37)	L8 AR-1262-2	0.000	6.003	0	1094978	N.D.	3.504 #
38)	L8 AR-1262-3	7.558	6.548	98560	500245	0.273	1.984 #
39)	L8 AR-1262-4	7.652	6.621	612585	1458317	2.186	3.119 #
40)	L8 AR-1262-5	8.144	7.097	904208	235687	4.811	1.073 #
41)	L9 AR-1268-1	7.558	6.548	98560	500245	0.152	0.670 #
42)	L9 AR-1268-2	7.652	6.621	612585	1458317	1.022	2.124 #
43)	L9 AR-1268-3	7.816	6.819	409729	425245	0.832	0.725

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 12:32:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
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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
44) L9	AR-1268-4	8.144	7.097	904208	235687	4.215	0.926 #
45) L9	AR-1268-5	8.441	7.371	1025040	596056	0.665	0.336 #

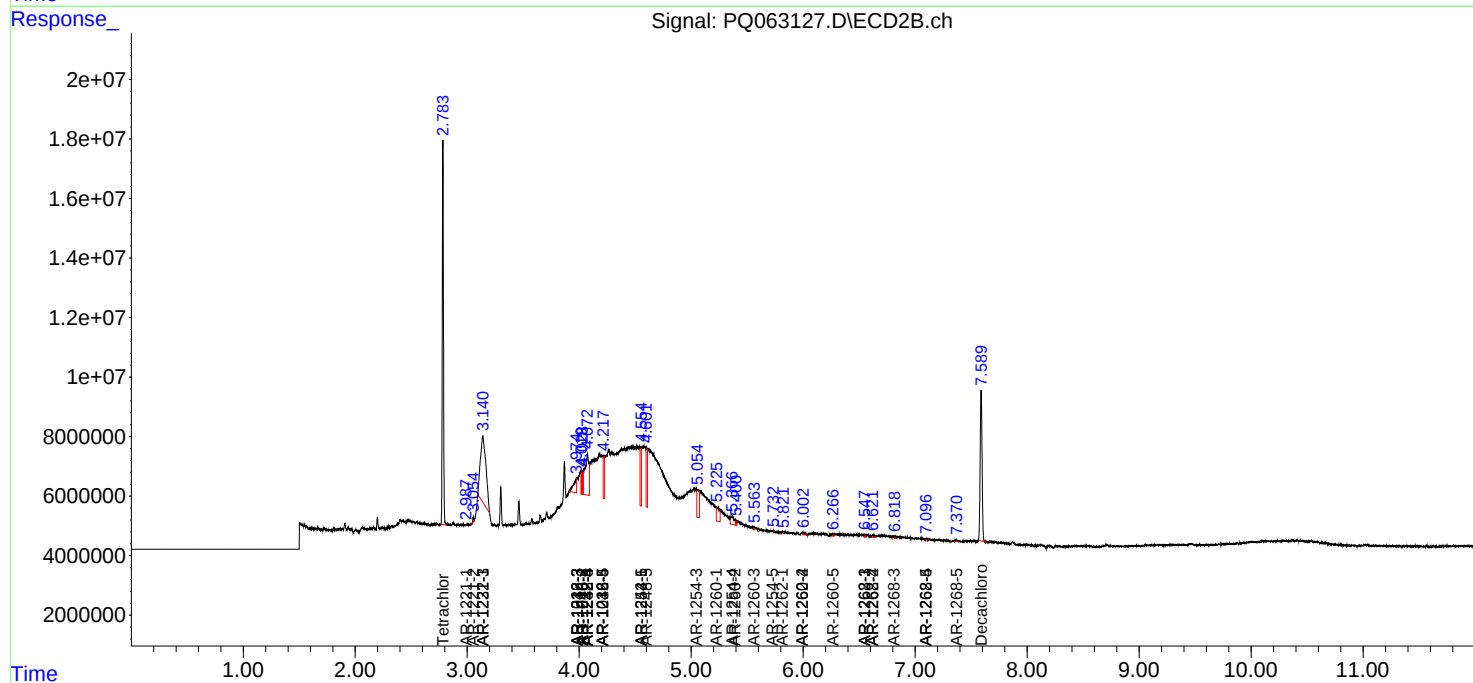
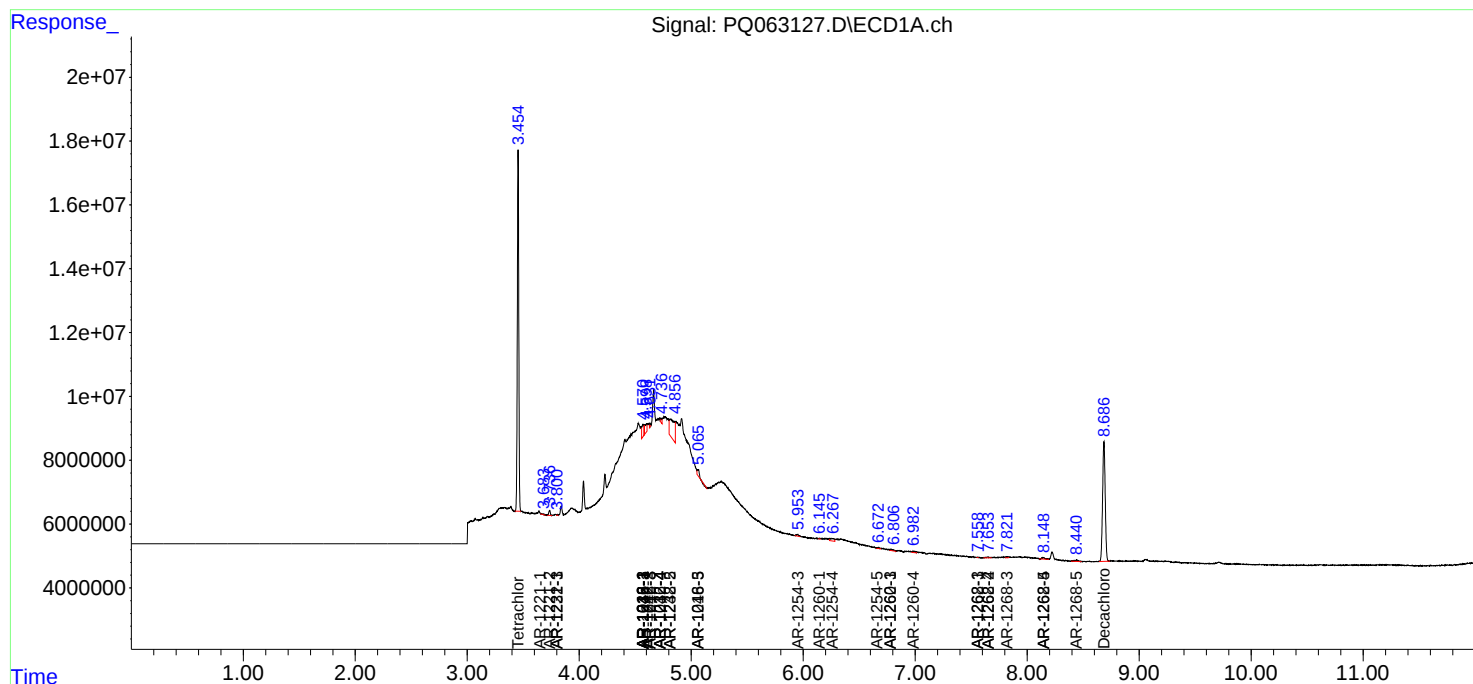
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

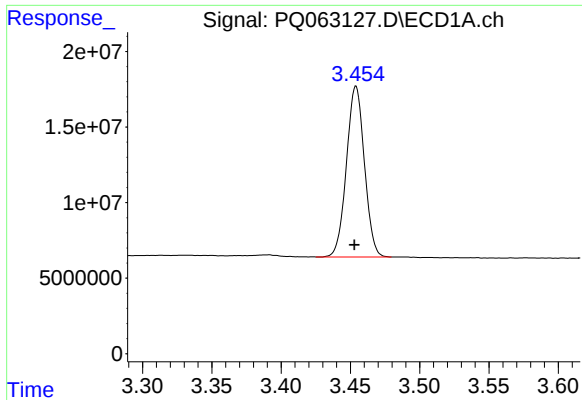
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
Data File : PQ063127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2023 10:52
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Sample : 04093-06
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Volume Inj. : 2 µl
Signal #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

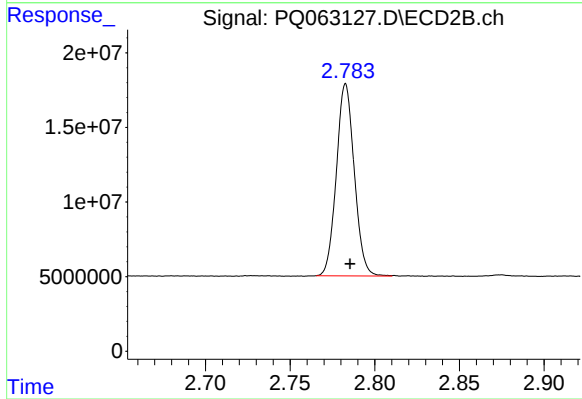




#1 Tetrachloro-m-xylene

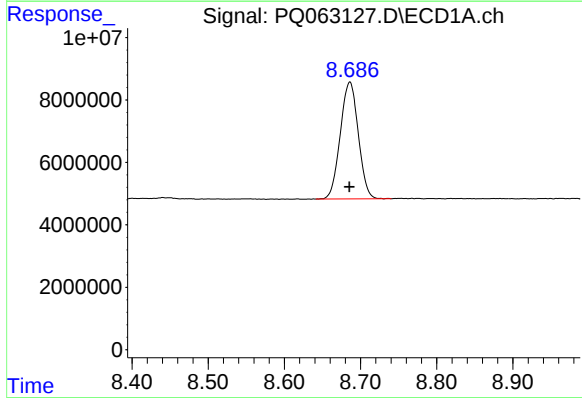
R.T.: 3.454 min
Delta R.T.: 0.001 min
Response: 101991154
Conc: 18.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



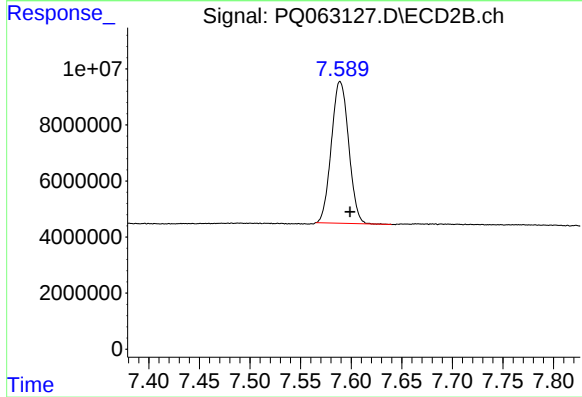
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 94870264
Conc: 23.00 ng/ml



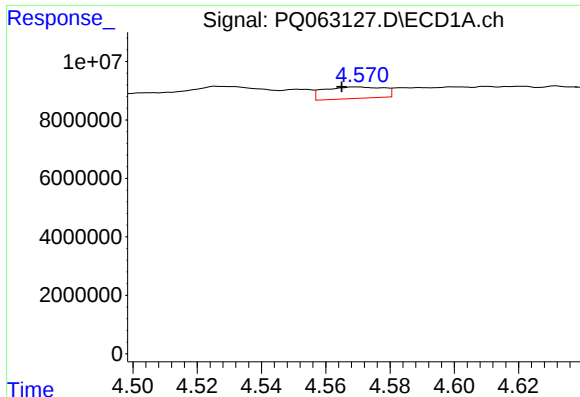
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 61524439
Conc: 15.89 ng/ml



#2 Decachlorobiphenyl

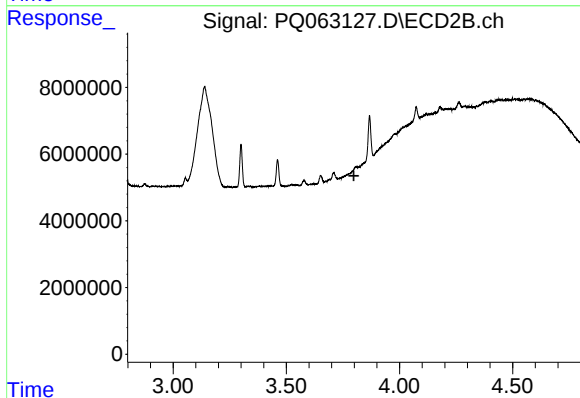
R.T.: 7.589 min
Delta R.T.: -0.010 min
Response: 60158173
Conc: 13.91 ng/ml



#3 AR-1016-1

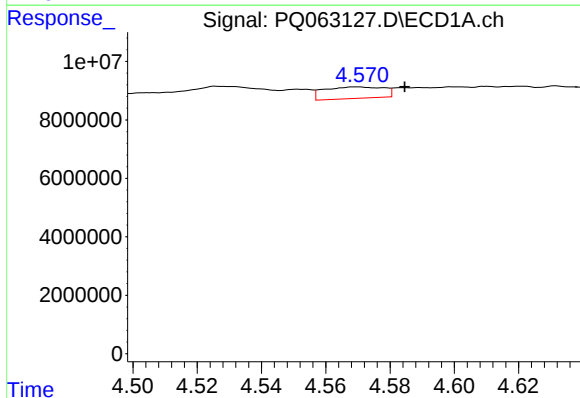
R.T.: 4.570 min
Delta R.T.: 0.005 min
Response: 5076254
Conc: 26.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



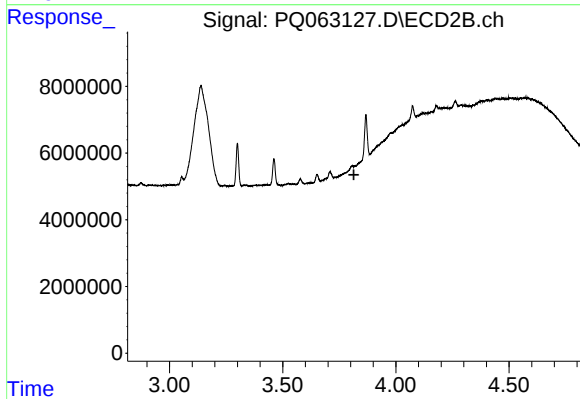
#3 AR-1016-1

R.T.: 3.808 min
Delta R.T.: 0.010 min
Response: -715697
Conc: N.D.



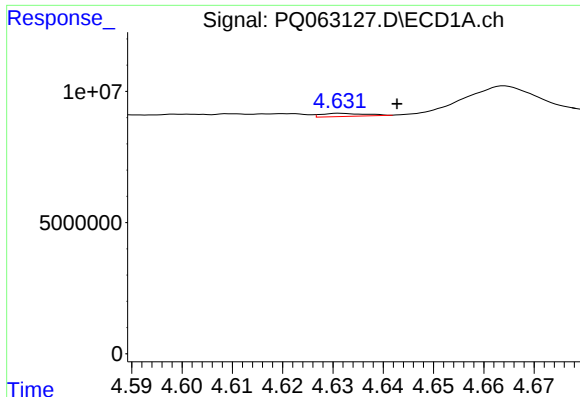
#4 AR-1016-2

R.T.: 4.570 min
Delta R.T.: -0.015 min
Response: 5076254
Conc: 18.29 ng/ml



#4 AR-1016-2

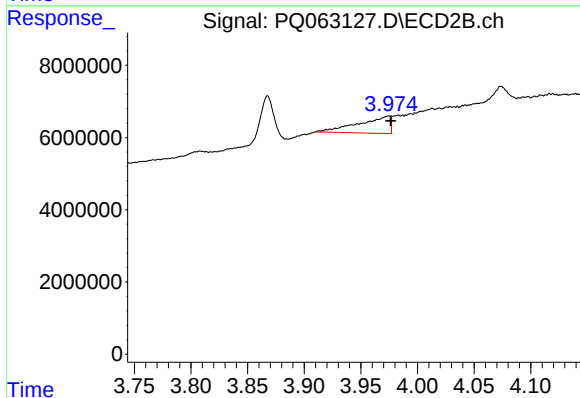
R.T.: 3.808 min
Delta R.T.: -0.006 min
Response: -715697
Conc: N.D.



#5 AR-1016-3

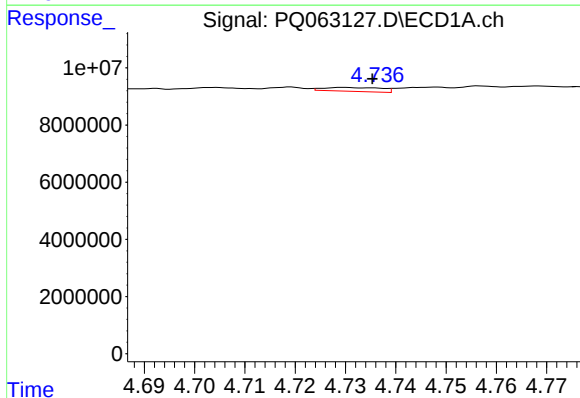
R.T.: 4.632 min
Delta R.T.: -0.011 min
Response: 722257
Conc: 4.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



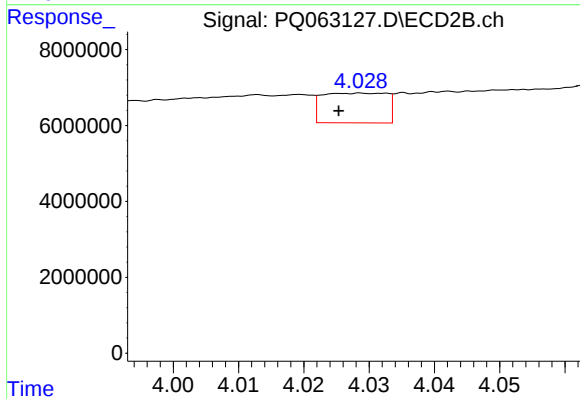
#5 AR-1016-3

R.T.: 3.975 min
Delta R.T.: -0.002 min
Response: 9178618
Conc: 76.77 ng/ml



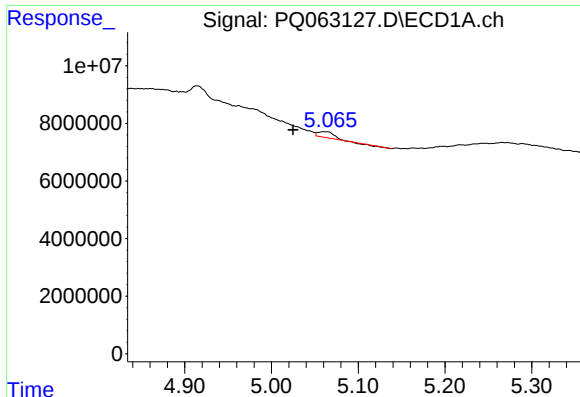
#6 AR-1016-4

R.T.: 4.730 min
Delta R.T.: -0.005 min
Response: 1079175
Conc: 7.67 ng/ml



#6 AR-1016-4

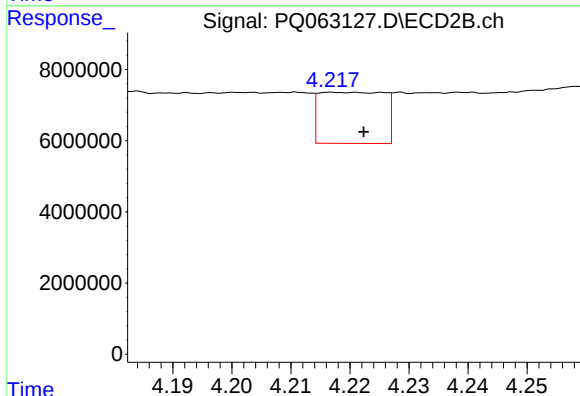
R.T.: 4.029 min
Delta R.T.: 0.003 min
Response: 5355853
Conc: 55.20 ng/ml



#7 AR-1016-5

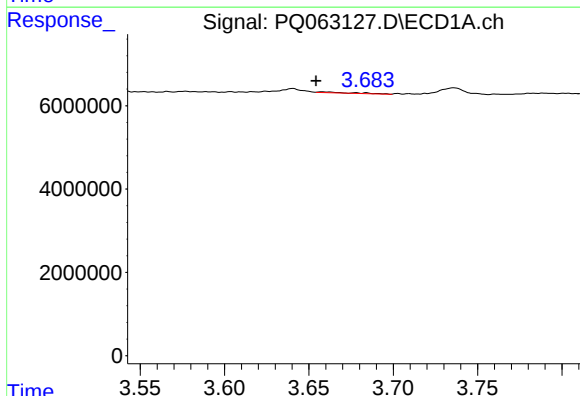
R.T.: 5.060 min
Delta R.T.: 0.035 min
Response: 2228132
Conc: 16.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



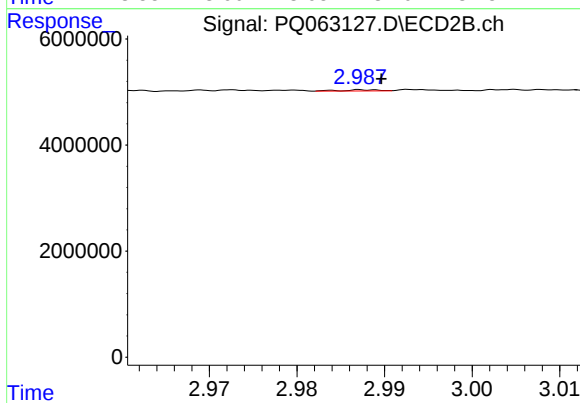
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 10982810
Conc: 87.28 ng/ml



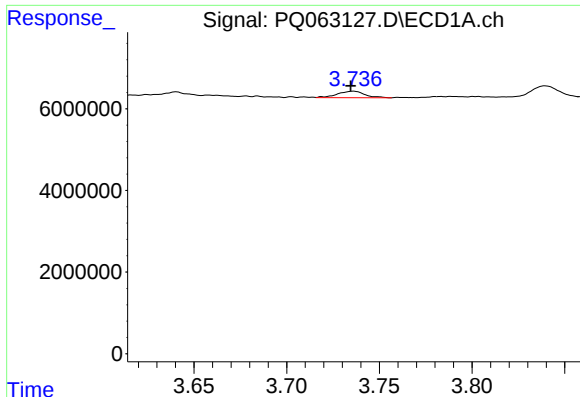
#8 AR-1221-1

R.T.: 3.658 min
Delta R.T.: 0.004 min
Response: 283876
Conc: 4.17 ng/ml



#8 AR-1221-1

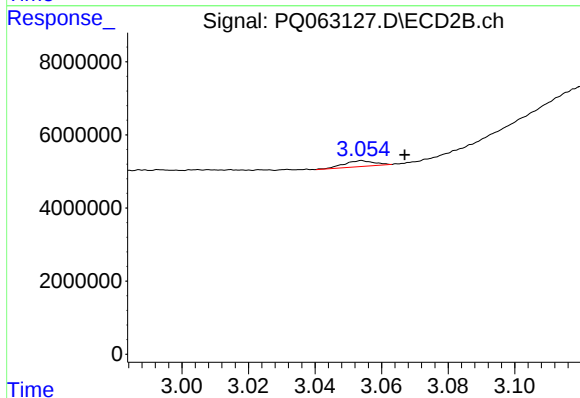
R.T.: 2.987 min
Delta R.T.: -0.002 min
Response: 62731
Conc: 1.14 ng/ml



#9 AR-1221-2

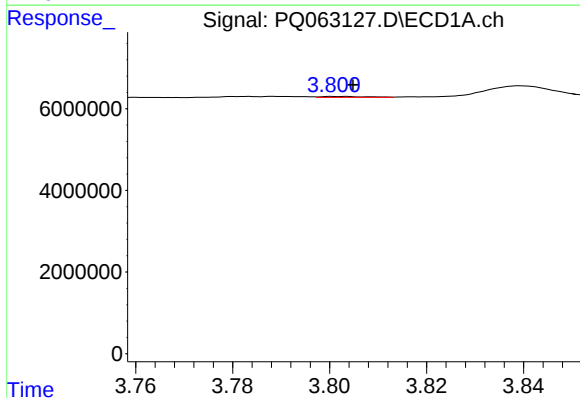
R.T.: 3.736 min
Delta R.T.: 0.001 min
Response: 1640157
Conc: 34.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



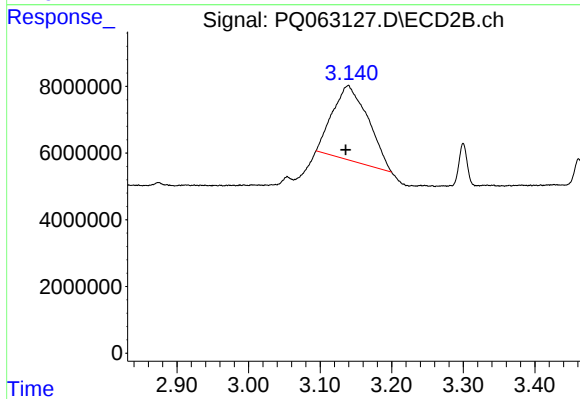
#9 AR-1221-2

R.T.: 3.054 min
Delta R.T.: -0.013 min
Response: 998262
Conc: 26.47 ng/ml



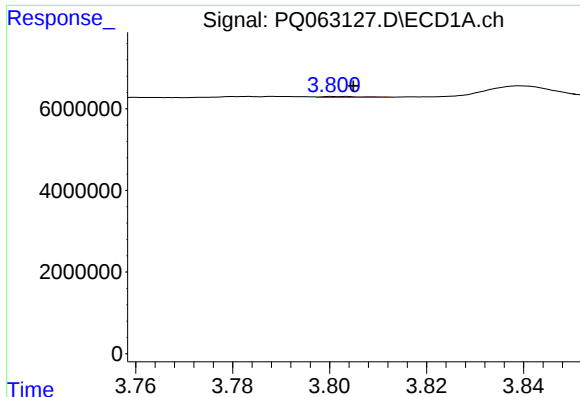
#10 AR-1221-3

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 141355
Conc: 0.92 ng/ml



#10 AR-1221-3

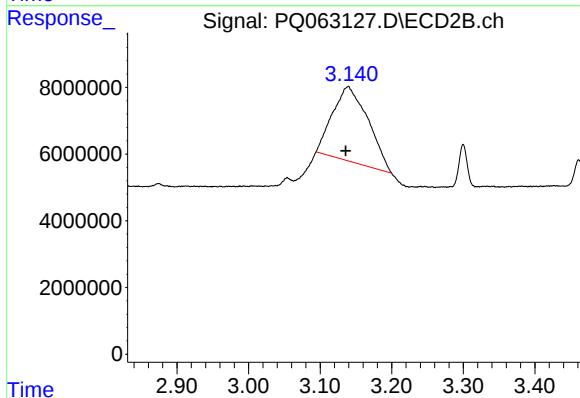
R.T.: 3.140 min
Delta R.T.: 0.004 min
Response: 76671756
Conc: 637.21 ng/ml



#11 AR-1232-1

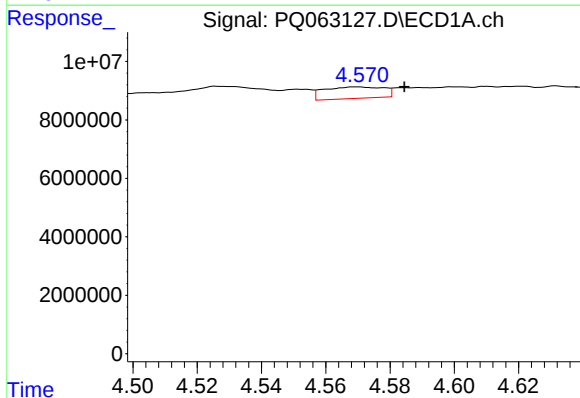
R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 141355
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



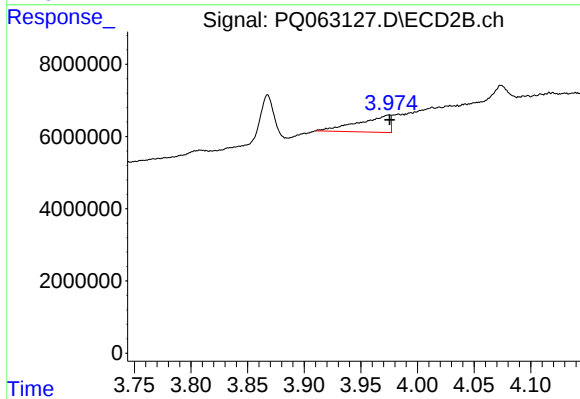
#11 AR-1232-1

R.T.: 3.140 min
Delta R.T.: 0.004 min
Response: 76671756
Conc: 786.90 ng/ml



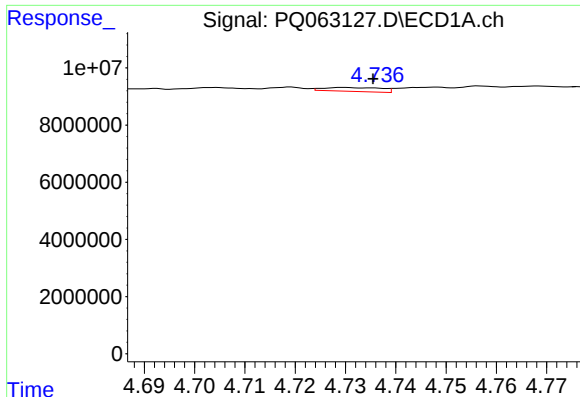
#13 AR-1232-3

R.T.: 4.570 min
Delta R.T.: -0.015 min
Response: 5076254
Conc: 41.54 ng/ml



#13 AR-1232-3

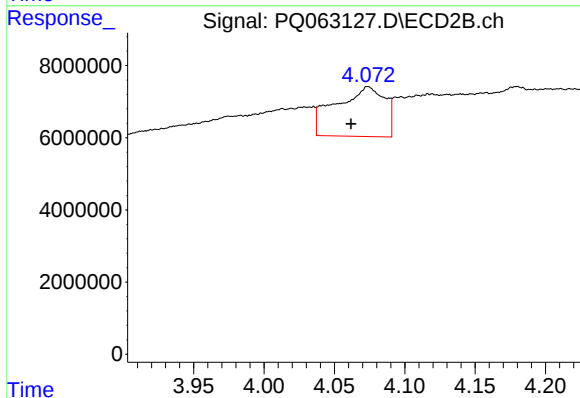
R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 9178618
Conc: 172.86 ng/ml



#14 AR-1232-4

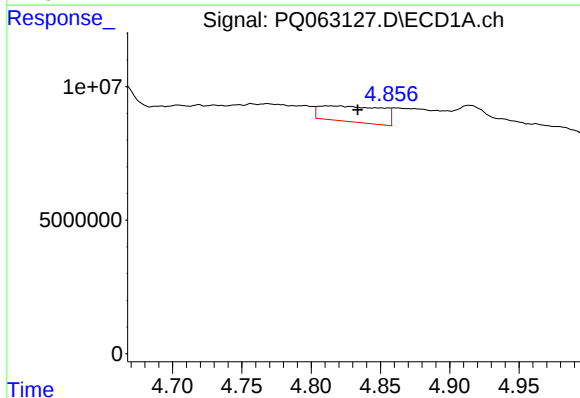
R.T.: 4.730 min
Delta R.T.: -0.006 min
Response: 1079175
Conc: 17.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



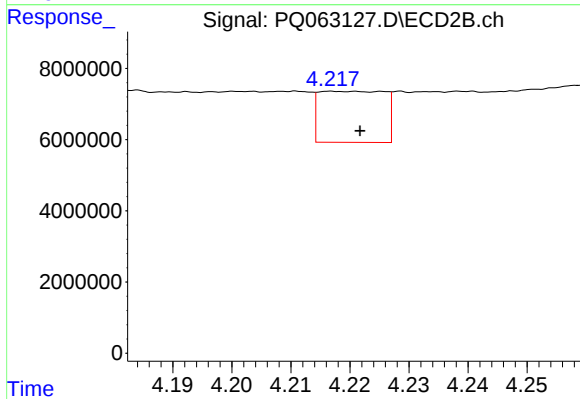
#14 AR-1232-4

R.T.: 4.074 min
Delta R.T.: 0.012 min
Response: 33496721
Conc: 729.81 ng/ml



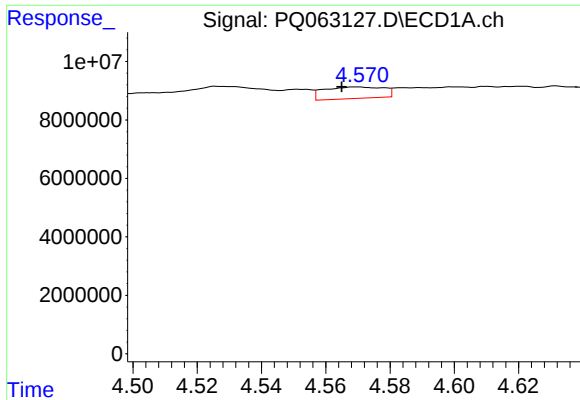
#15 AR-1232-5

R.T.: 4.812 min
Delta R.T.: -0.022 min
Response: 18415588
Conc: 421.93 ng/ml



#15 AR-1232-5

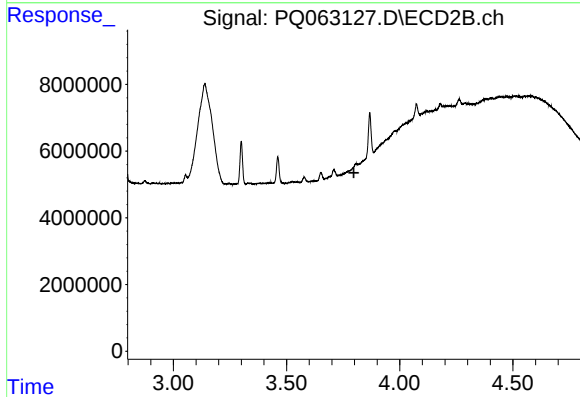
R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 10982810
Conc: 202.55 ng/ml



#16 AR-1242-1

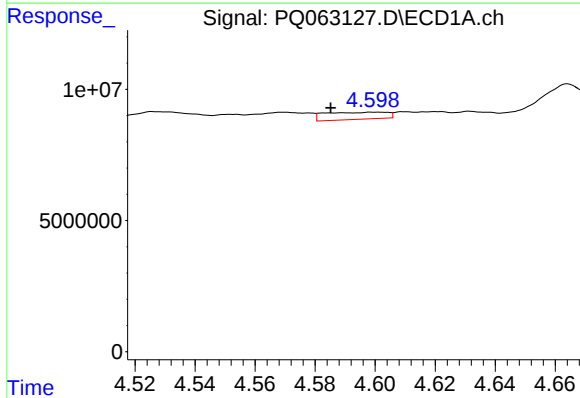
R.T.: 4.570 min
Delta R.T.: 0.005 min
Response: 5076254
Conc: 30.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



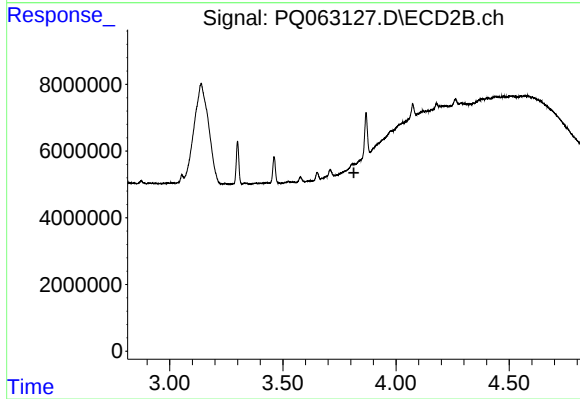
#16 AR-1242-1

R.T.: 3.808 min
Delta R.T.: 0.011 min
Response: -715697
Conc: N.D.



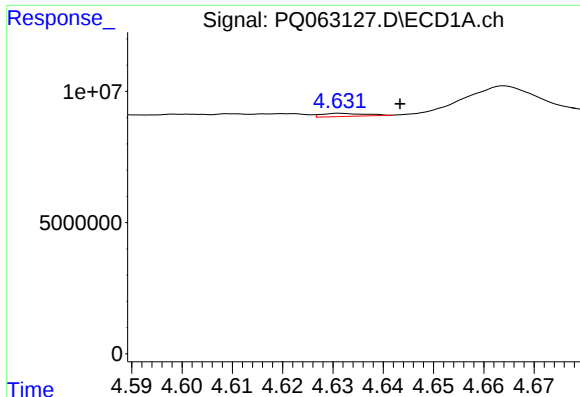
#17 AR-1242-2

R.T.: 4.600 min
Delta R.T.: 0.015 min
Response: 3921009
Conc: 16.26 ng/ml



#17 AR-1242-2

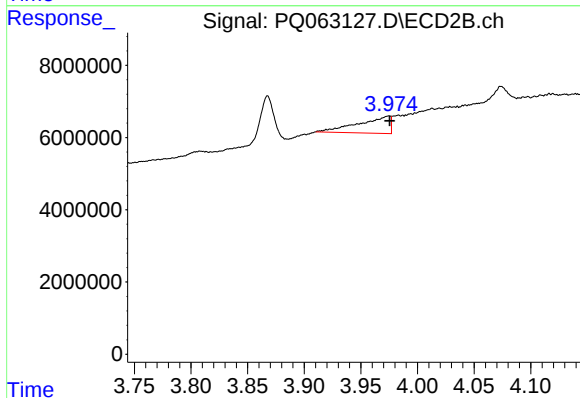
R.T.: 3.808 min
Delta R.T.: -0.006 min
Response: -715697
Conc: N.D.



#18 AR-1242-3

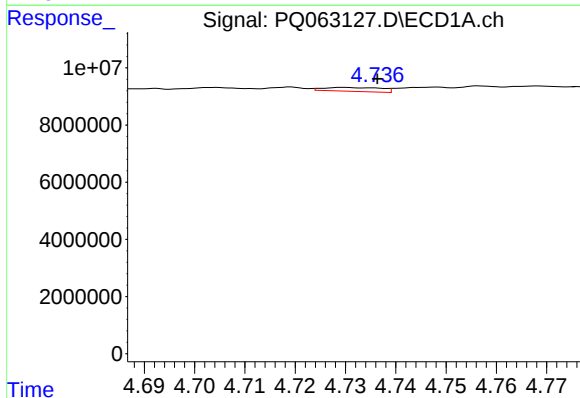
R.T.: 4.632 min
Delta R.T.: -0.012 min
Response: 722257
Conc: 4.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



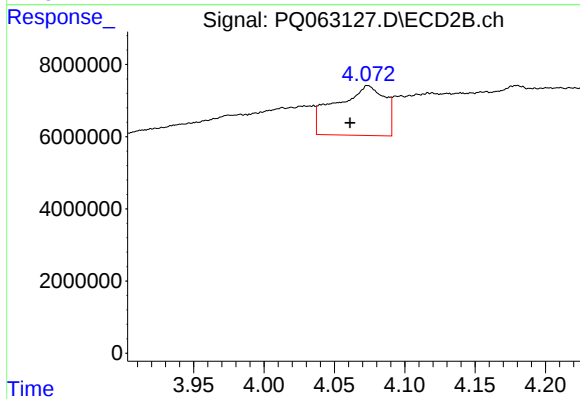
#18 AR-1242-3

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 9178618
Conc: 85.04 ng/ml



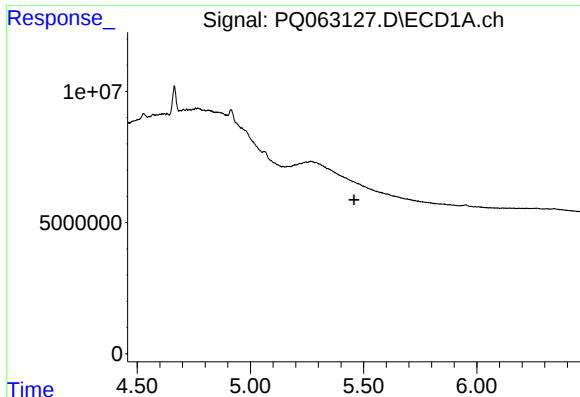
#19 AR-1242-4

R.T.: 4.730 min
Delta R.T.: -0.006 min
Response: 1079175
Conc: 8.72 ng/ml



#19 AR-1242-4

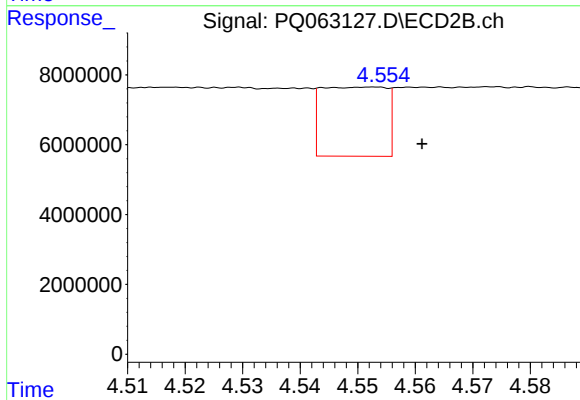
R.T.: 4.074 min
Delta R.T.: 0.012 min
Response: 33496721
Conc: 336.21 ng/ml



#20 AR-1242-5

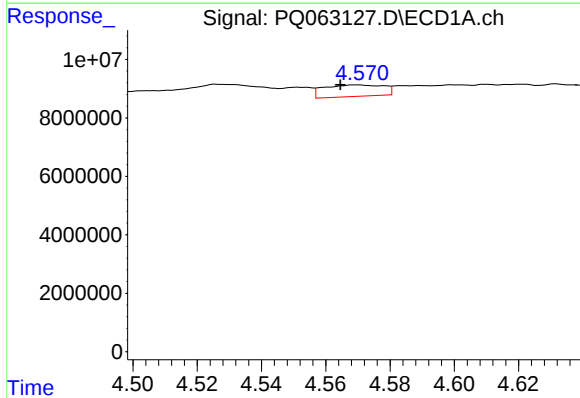
R.T.: 0.000 min
Exp R.T.: 5.457 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



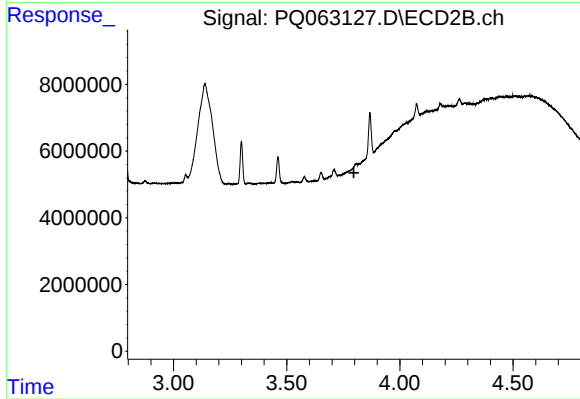
#20 AR-1242-5

R.T.: 4.553 min
Delta R.T.: -0.008 min
Response: 15508023
Conc: 114.70 ng/ml



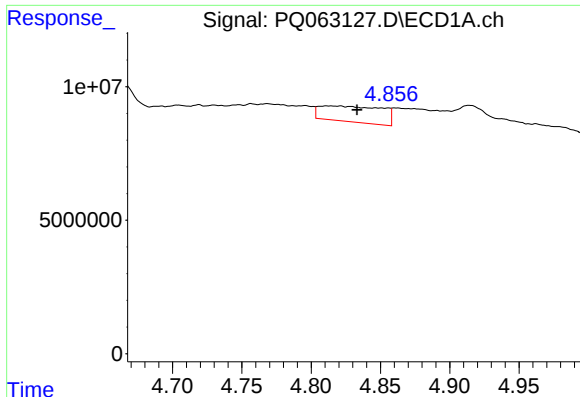
#21 AR-1248-1

R.T.: 4.570 min
Delta R.T.: 0.005 min
Response: 5076254
Conc: 38.12 ng/ml



#21 AR-1248-1

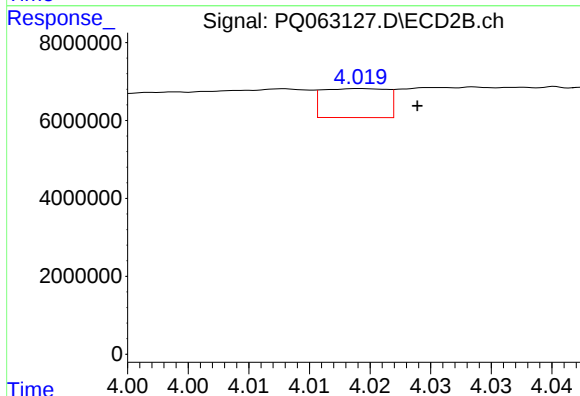
R.T.: 3.808 min
Delta R.T.: 0.011 min
Response: -715697
Conc: N.D.



#22 AR-1248-2

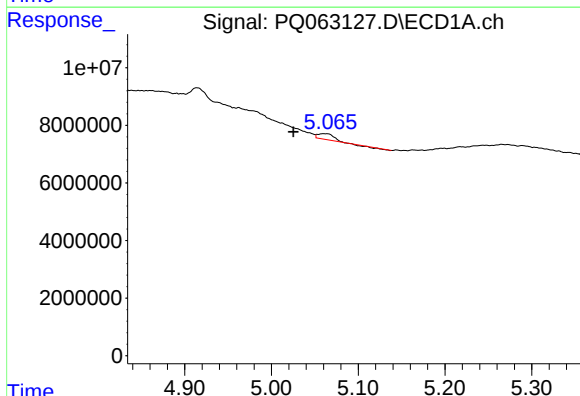
R.T.: 4.812 min
Delta R.T.: -0.021 min
Response: 18415588
Conc: 105.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



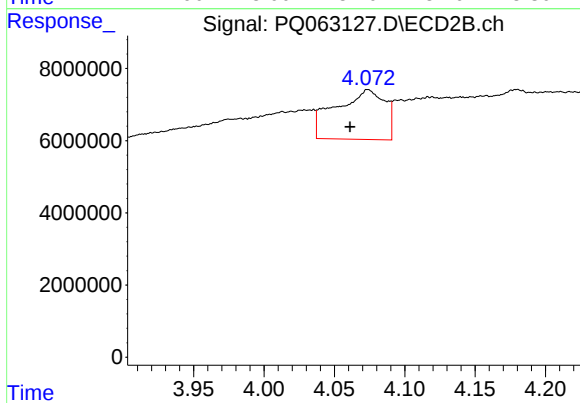
#22 AR-1248-2

R.T.: 4.019 min
Delta R.T.: -0.004 min
Response: 2739273
Conc: 17.35 ng/ml



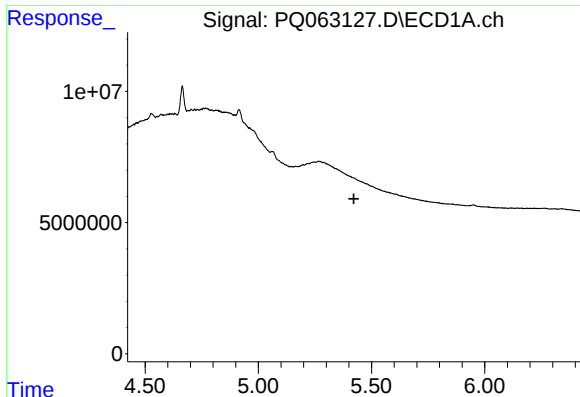
#23 AR-1248-3

R.T.: 5.060 min
Delta R.T.: 0.035 min
Response: 2228132
Conc: 10.54 ng/ml



#23 AR-1248-3

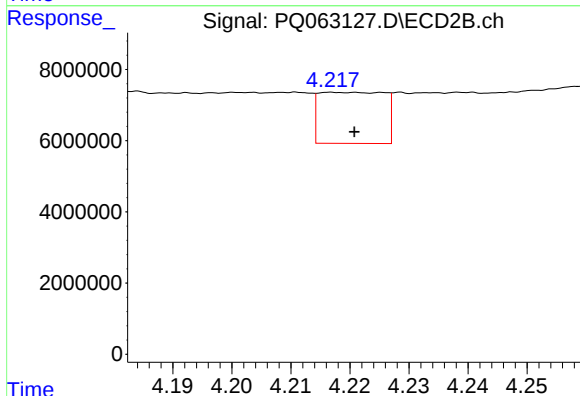
R.T.: 4.074 min
Delta R.T.: 0.013 min
Response: 33496721
Conc: 219.65 ng/ml



#24 AR-1248-4

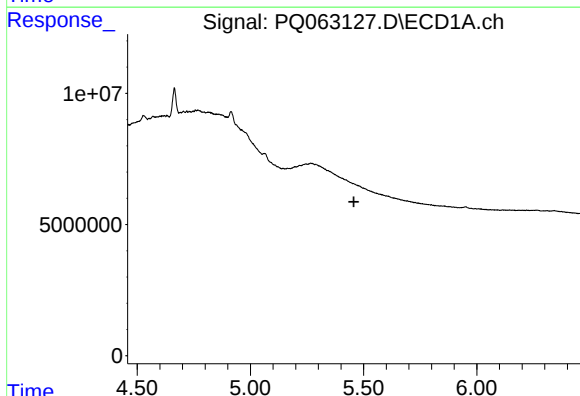
R.T.: 0.000 min
Exp R.T.: 5.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



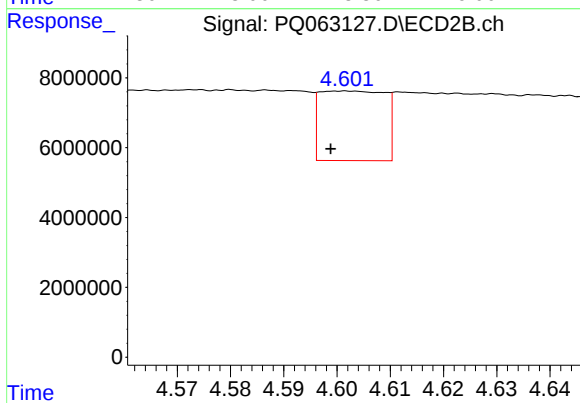
#24 AR-1248-4

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 10982810
Conc: 57.76 ng/ml



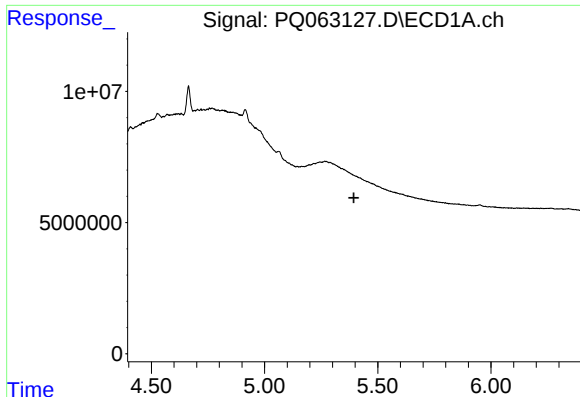
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 5.457 min
Response: 0
Conc: N.D.



#25 AR-1248-5

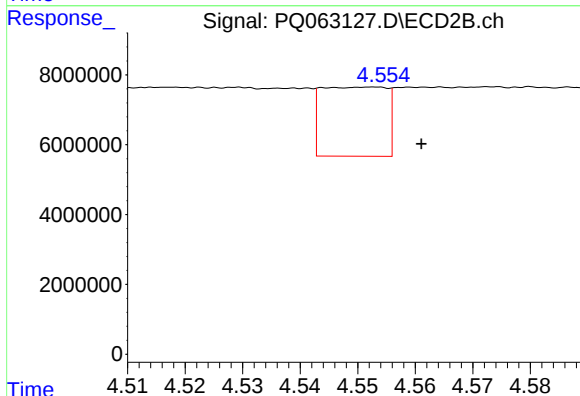
R.T.: 4.602 min
Delta R.T.: 0.003 min
Response: 16814415
Conc: 86.94 ng/ml



#26 AR-1254-1

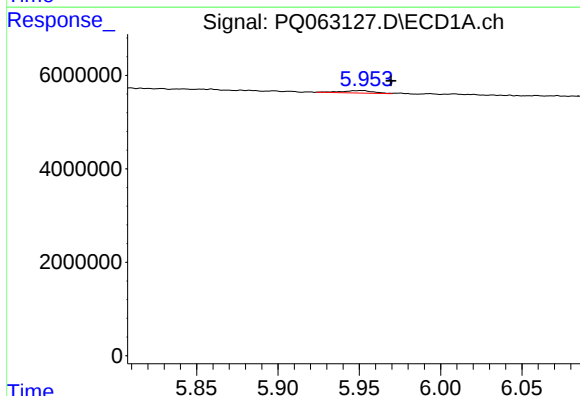
R.T.: 0.000 min
Exp R.T.: 5.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



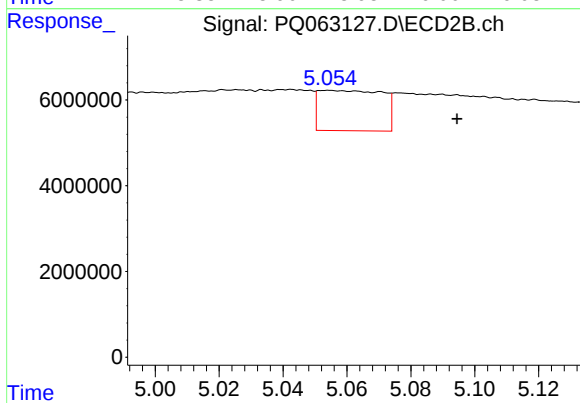
#26 AR-1254-1

R.T.: 4.553 min
Delta R.T.: -0.008 min
Response: 15508023
Conc: 57.80 ng/ml



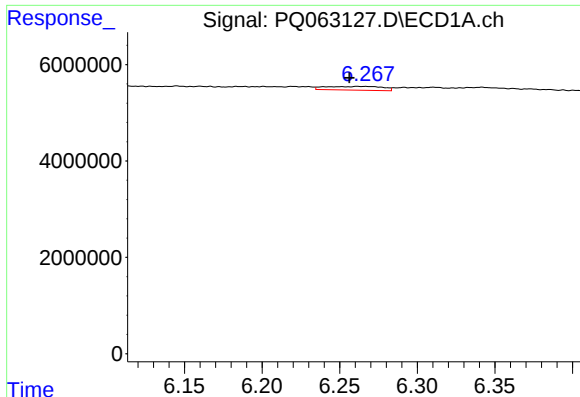
#28 AR-1254-3

R.T.: 5.952 min
Delta R.T.: -0.018 min
Response: 735441
Conc: 2.05 ng/ml



#28 AR-1254-3

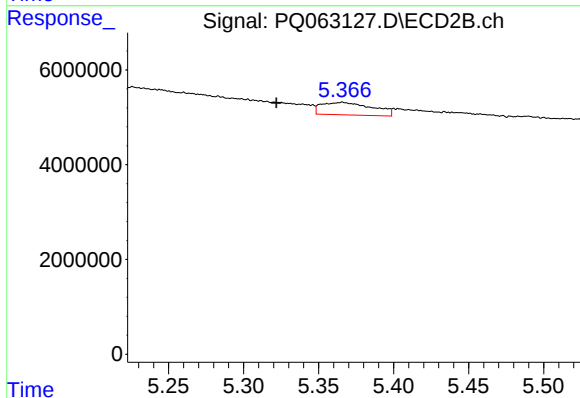
R.T.: 5.054 min
Delta R.T.: -0.040 min
Response: 13030977
Conc: 34.46 ng/ml



#29 AR-1254-4

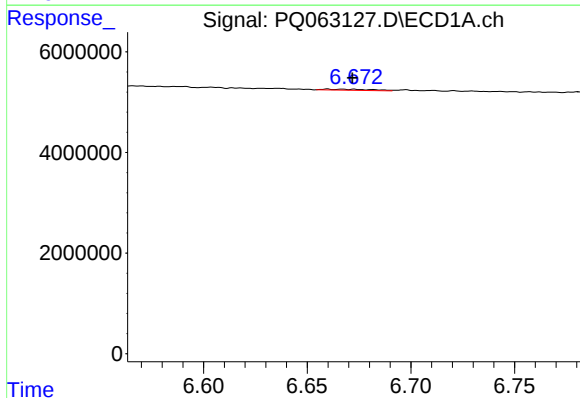
R.T.: 6.261 min
Delta R.T.: 0.005 min
Response: 1976317
Conc: 7.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



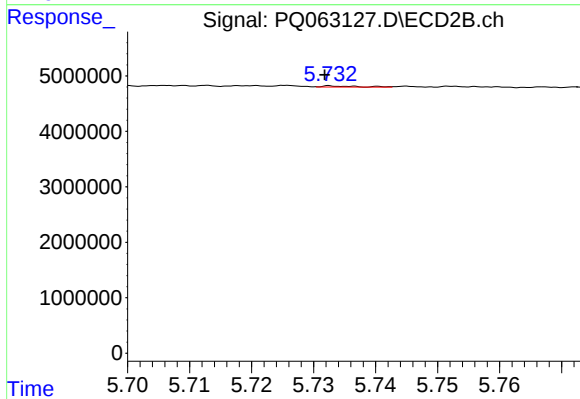
#29 AR-1254-4

R.T.: 5.366 min
Delta R.T.: 0.044 min
Response: 6215113
Conc: 25.44 ng/ml



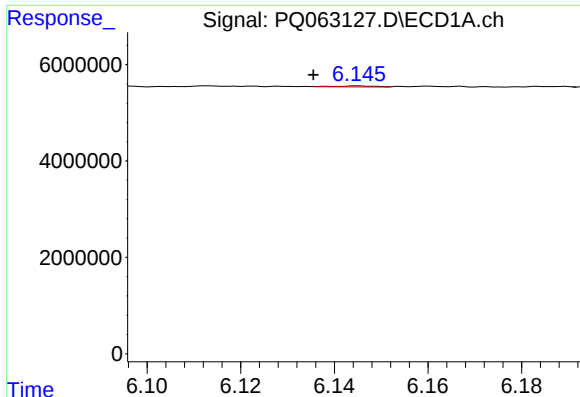
#30 AR-1254-5

R.T.: 6.660 min
Delta R.T.: -0.012 min
Response: 343461
Conc: 1.24 ng/ml



#30 AR-1254-5

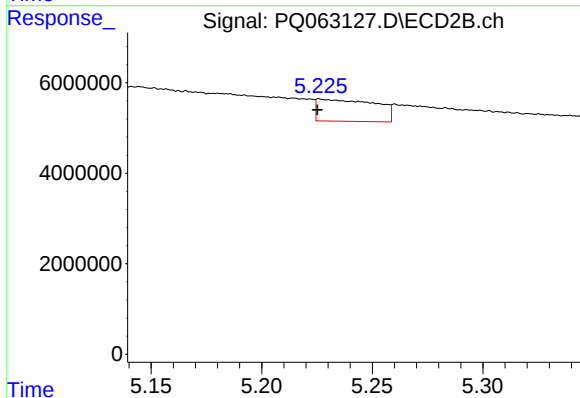
R.T.: 5.733 min
Delta R.T.: 0.001 min
Response: 83033
Conc: 0.24 ng/ml



#31 AR-1260-1

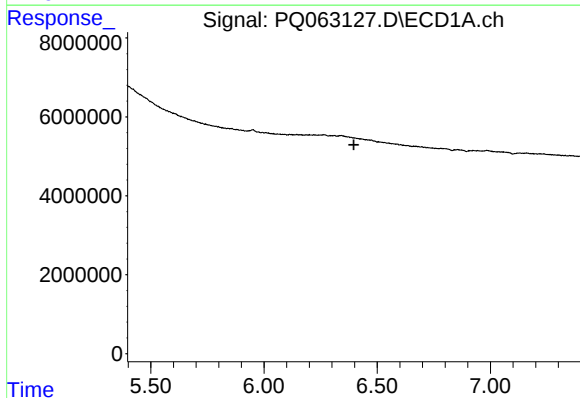
R.T.: 6.145 min
Delta R.T.: 0.010 min
Response: 123393
Conc: 0.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



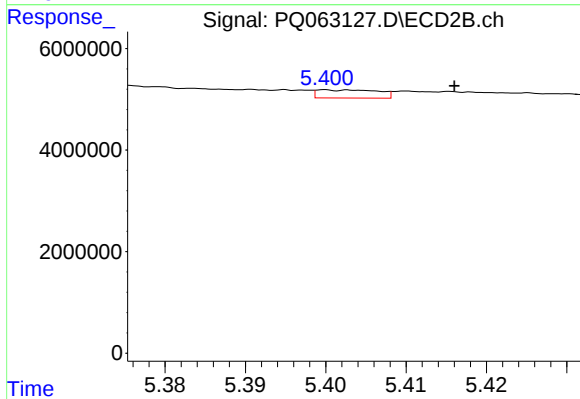
#31 AR-1260-1

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 8945540
Conc: 35.84 ng/ml



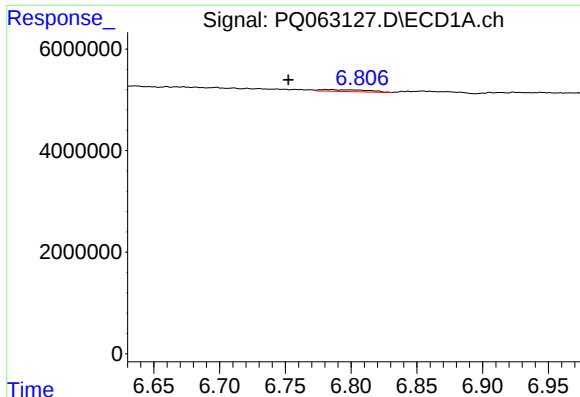
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.397 min
Response: 0
Conc: N.D.



#32 AR-1260-2

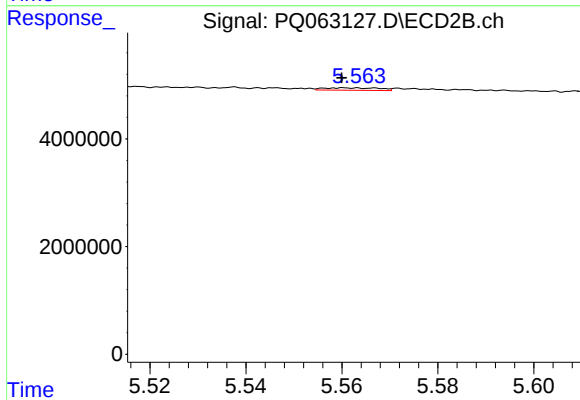
R.T.: 5.400 min
Delta R.T.: -0.016 min
Response: 852697
Conc: 2.77 ng/ml



#33 AR-1260-3

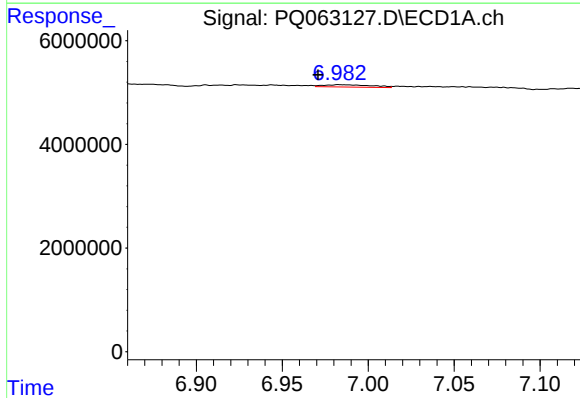
R.T.: 6.781 min
Delta R.T.: 0.028 min
Response: 889919
Conc: 4.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



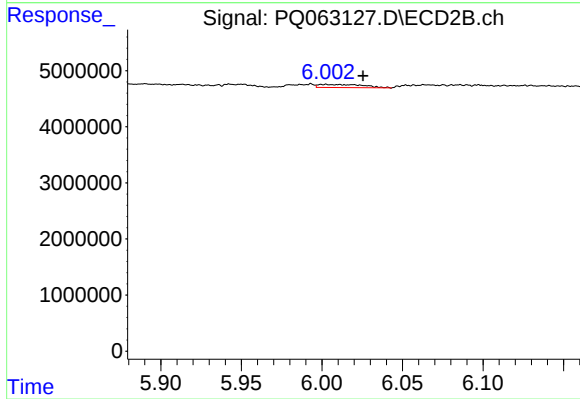
#33 AR-1260-3

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 360558
Conc: 1.16 ng/ml



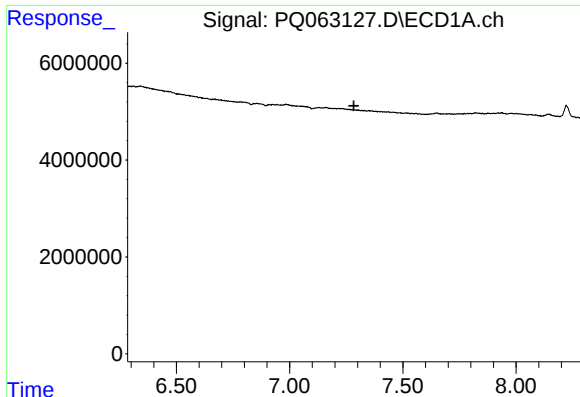
#34 AR-1260-4

R.T.: 6.983 min
Delta R.T.: 0.012 min
Response: 846271
Conc: 3.53 ng/ml



#34 AR-1260-4

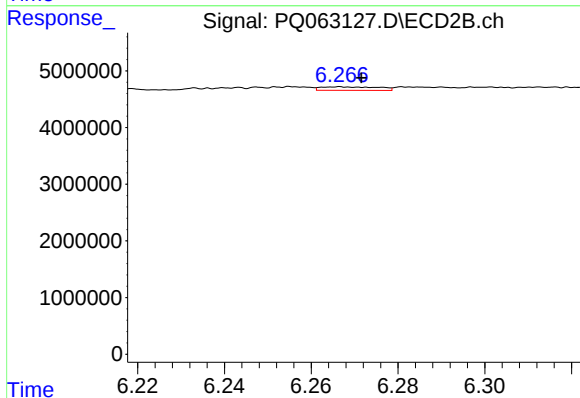
R.T.: 6.003 min
Delta R.T.: -0.023 min
Response: 1094978
Conc: 4.47 ng/ml



#35 AR-1260-5

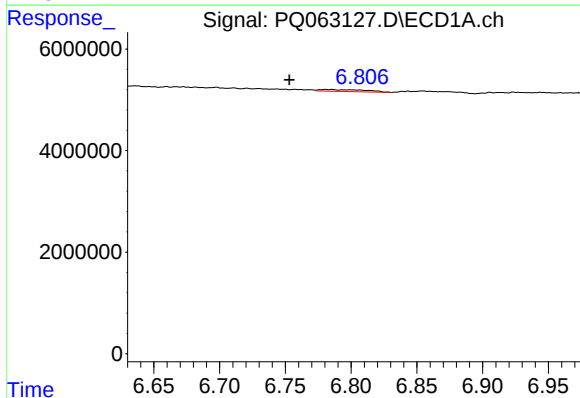
R.T.: 0.000 min
Exp R.T.: 7.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



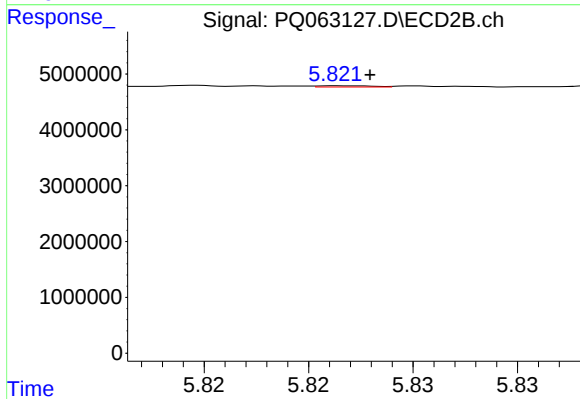
#35 AR-1260-5

R.T.: 6.267 min
Delta R.T.: -0.005 min
Response: 567904
Conc: 1.04 ng/ml



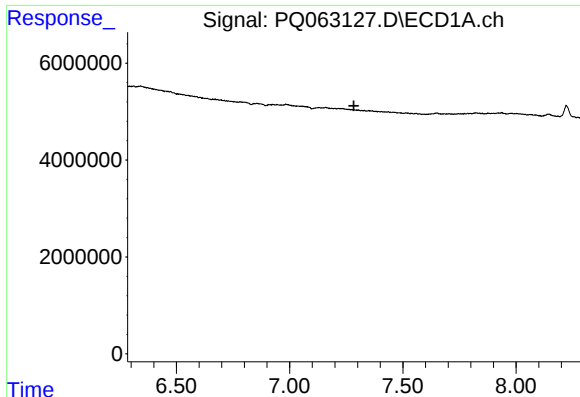
#36 AR-1262-1

R.T.: 6.781 min
Delta R.T.: 0.027 min
Response: 889919
Conc: 2.76 ng/ml



#36 AR-1262-1

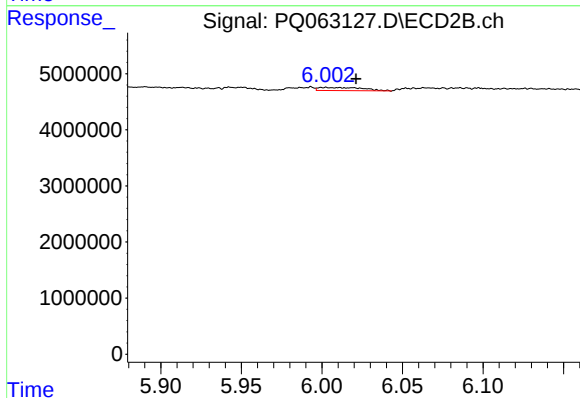
R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 40892
Conc: 0.29 ng/ml



#37 AR-1262-2

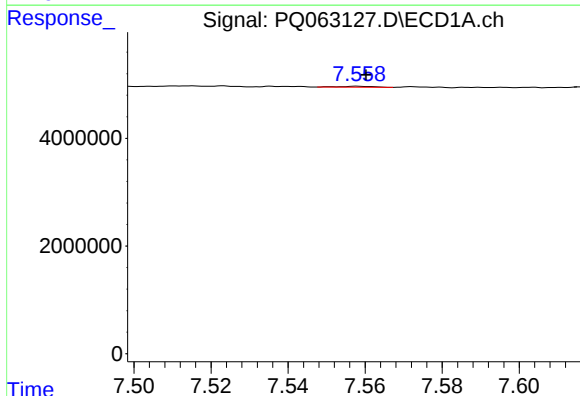
R.T.: 0.000 min
Exp R.T.: 7.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



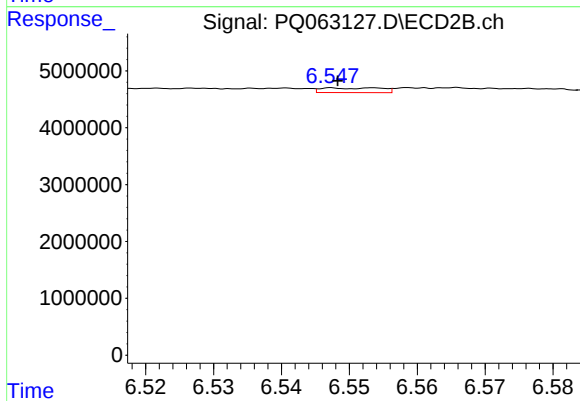
#37 AR-1262-2

R.T.: 6.003 min
Delta R.T.: -0.018 min
Response: 1094978
Conc: 3.50 ng/ml



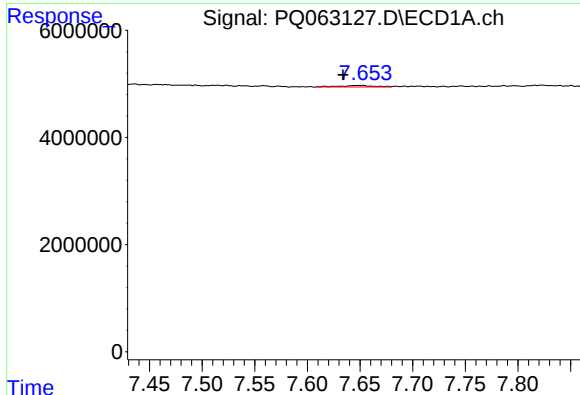
#38 AR-1262-3

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 98560
Conc: 0.27 ng/ml



#38 AR-1262-3

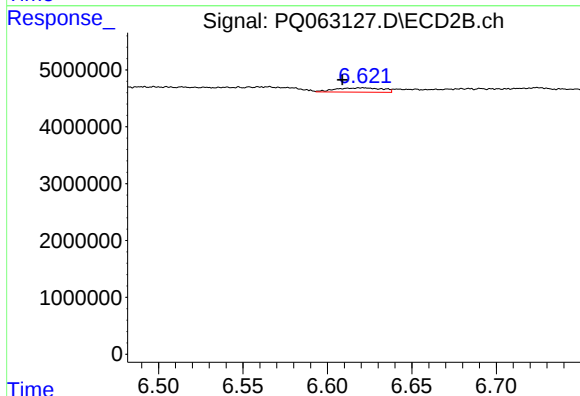
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 500245
Conc: 1.98 ng/ml



#39 AR-1262-4

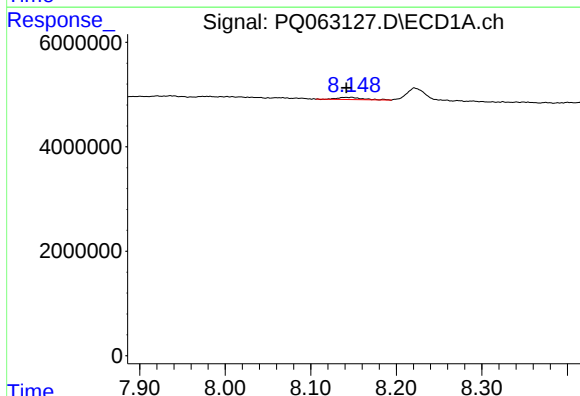
R.T.: 7.652 min
Delta R.T.: 0.018 min
Response: 612585
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



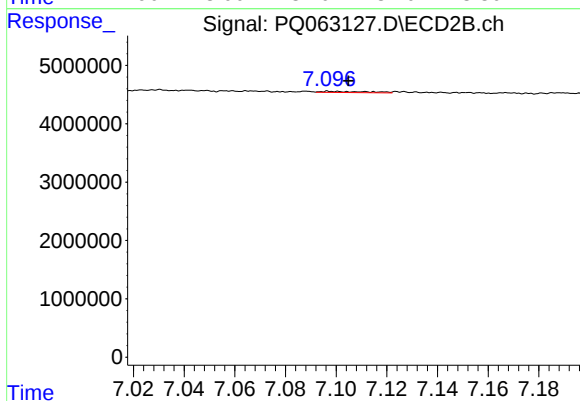
#39 AR-1262-4

R.T.: 6.621 min
Delta R.T.: 0.012 min
Response: 1458317
Conc: 3.12 ng/ml



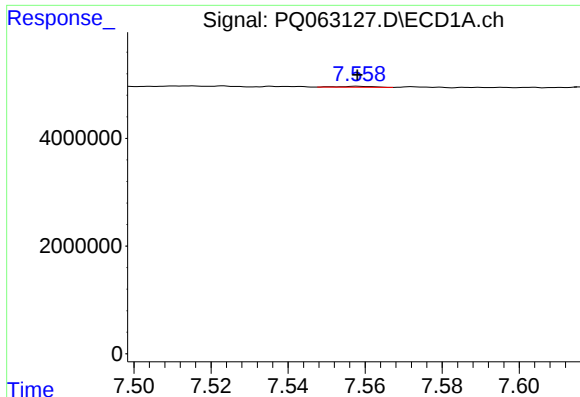
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 904208
Conc: 4.81 ng/ml



#40 AR-1262-5

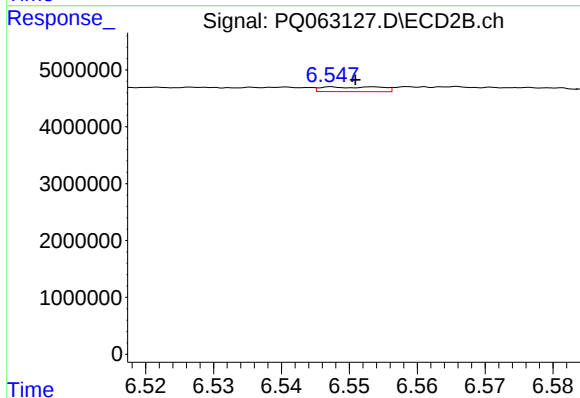
R.T.: 7.097 min
Delta R.T.: -0.008 min
Response: 235687
Conc: 1.07 ng/ml



#41 AR-1268-1

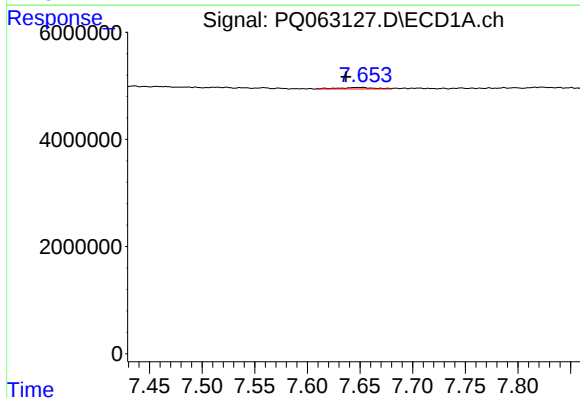
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 98560
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



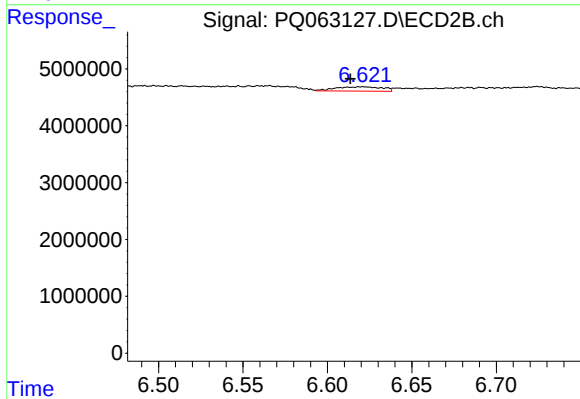
#41 AR-1268-1

R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 500245
Conc: 0.67 ng/ml



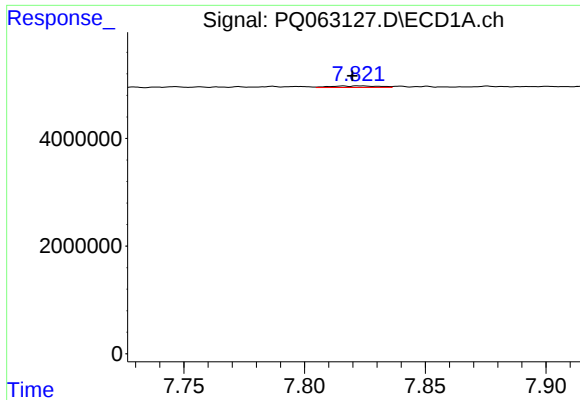
#42 AR-1268-2

R.T.: 7.652 min
Delta R.T.: 0.016 min
Response: 612585
Conc: 1.02 ng/ml



#42 AR-1268-2

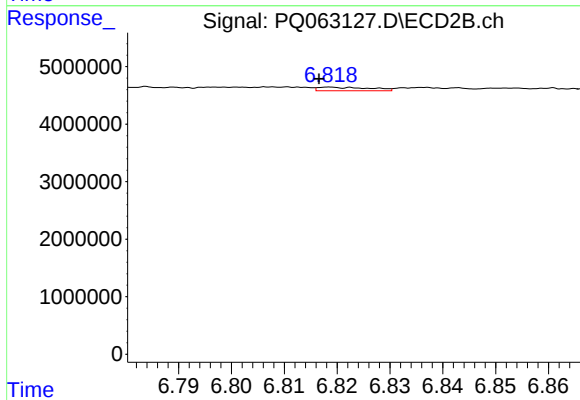
R.T.: 6.621 min
Delta R.T.: 0.008 min
Response: 1458317
Conc: 2.12 ng/ml



#43 AR-1268-3

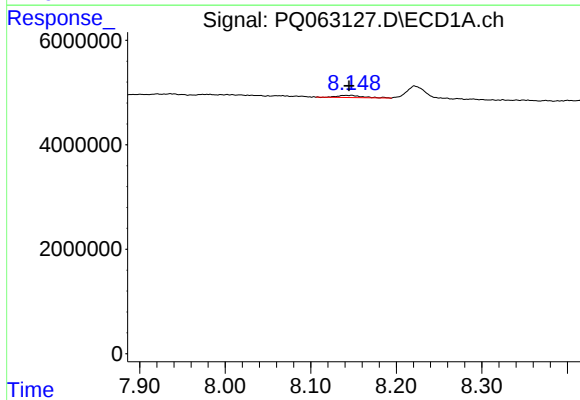
R.T.: 7.816 min
Delta R.T.: -0.004 min
Response: 409729
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



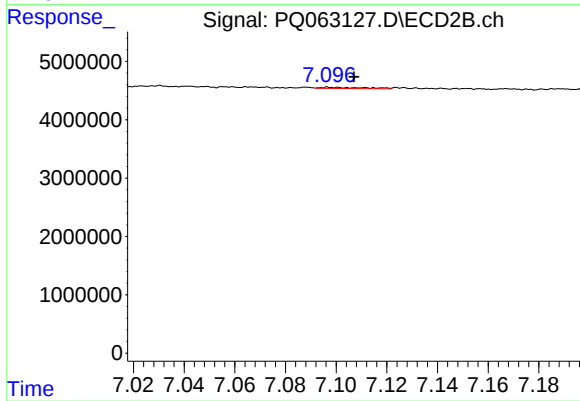
#43 AR-1268-3

R.T.: 6.819 min
Delta R.T.: 0.002 min
Response: 425245
Conc: 0.72 ng/ml



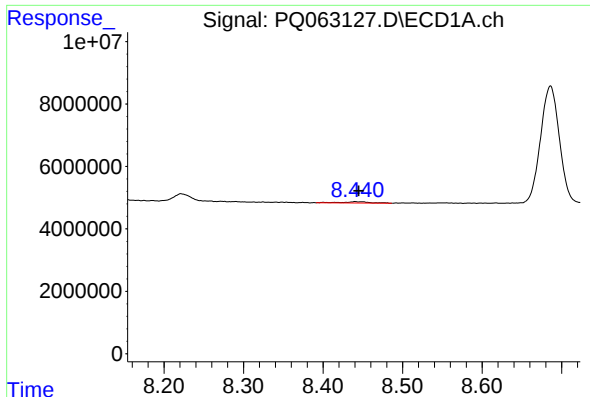
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 904208
Conc: 4.21 ng/ml



#44 AR-1268-4

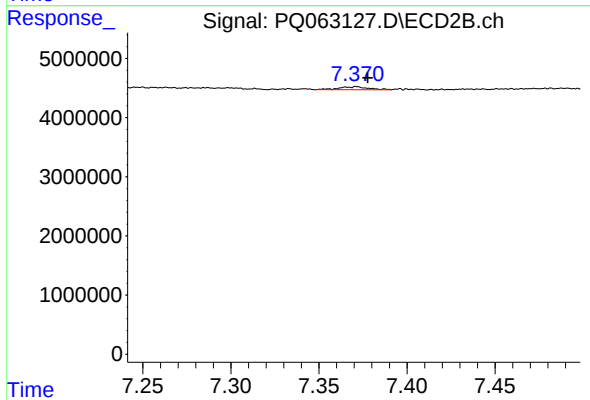
R.T.: 7.097 min
Delta R.T.: -0.010 min
Response: 235687
Conc: 0.93 ng/ml



#45 AR-1268-5

R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 1025040
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.371 min
Delta R.T.: -0.006 min
Response: 596056
Conc: 0.34 ng/ml