

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020222\
 Data File : PQ056132.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2022 09:02
 Operator : AJ\MA
 Sample : PB142442BL
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 11:19:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 20 13:18:56 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...	5.233	4.292	273.3E6	238.6E6	20.176	21.219
2)	SA Decachlor...	11.402	9.645	334.3E6	172.6E6	22.898	21.647
Target Compounds							
3)	L1 AR-1016-1	6.561	5.574	297799	334590	0.852	1.090 #
4)	L1 AR-1016-2	6.561f	5.592	297799	216375	0.438	0.347
5)	L1 AR-1016-3	6.663	5.780	1838113	179035	4.043	0.656 #
6)	L1 AR-1016-4	6.771	5.833	1668642	1373243	4.506	5.442
7)	L1 AR-1016-5	7.081	0.000	25771	0	0.088	N.D. #
8)	L2 AR-1221-1	5.501	4.584f	43426678	71808	304.293	0.634 #
9)	L2 AR-1221-2	5.588	4.648	7441540	13133634	67.839	150.058 #
10)	L2 AR-1221-3	5.681	4.734f	233969	954390	0.721	3.382 #
11)	L3 AR-1232-1	5.681	4.734f	233969	954390	0.872	4.152 #
12)	L3 AR-1232-2	6.267	5.592	180507	216375	1.218	0.890 #
13)	L3 AR-1232-3	6.561f	5.780	297799	179035	1.072	1.724 #
14)	L3 AR-1232-4	6.771	5.866	1668642	81742	11.283	0.787 #
15)	L3 AR-1232-5	6.871f	0.000	2044531	0	21.623	N.D. #
16)	L4 AR-1242-1	6.561	5.574	297799	334590	1.104	1.446 #
17)	L4 AR-1242-2	6.561f	5.592	297799	216375	0.569	0.460
18)	L4 AR-1242-3	6.663	5.780	1838113	179035	5.083	0.862 #
19)	L4 AR-1242-4	6.771	5.866	1668642	81742	5.720	0.366 #
20)	L4 AR-1242-5	7.558	6.448	1386427	1541938	5.230	5.710
21)	L5 AR-1248-1	6.561	5.574	297799	334590	1.422	1.936 #
22)	L5 AR-1248-2	6.871f	5.833	2044531	1373243	6.385	4.305 #
23)	L5 AR-1248-3	7.081	5.866	25771	81742	0.068	0.250 #
24)	L5 AR-1248-4	7.506	0.000	3045509	0	7.199	N.D. #
25)	L5 AR-1248-5	7.558	6.480	1386427	373699	3.011	1.016 #
26)	L6 AR-1254-1	7.452f	6.448	2616446	1541938	6.422	2.487 #
27)	L6 AR-1254-2	7.699	6.610	1323889	731258	2.043	1.350 #
28)	L6 AR-1254-3	8.104f	0.000	12233130	0	15.643	N.D. #
29)	L6 AR-1254-4	8.381	7.283f	1133567	171037	2.001	0.274 #
30)	L6 AR-1254-5	8.820	7.717f	6739594	4310313	10.677	5.684 #
31)	L7 AR-1260-1	8.259	7.166	3199943	802520	6.658	1.466 #
32)	L7 AR-1260-2	8.536f	7.382f	10174367	1752082	17.272	2.640 #
33)	L7 AR-1260-3	0.000	7.482f	0	1986827	N.D.	3.228 #
34)	L7 AR-1260-4	9.139	7.988	7078633	211627	12.152	0.419 #
35)	L7 AR-1260-5	9.458f	8.257f	1355958	2192711	1.032	1.846 #
36)	L8 AR-1262-1	8.854f	7.717f	7156049	4310313	9.990	11.860
37)	L8 AR-1262-2	9.458	8.257f	1355958	2192711	0.906	1.657 #
38)	L8 AR-1262-3	9.794	0.000	857682	0	1.115	N.D. #
39)	L8 AR-1262-4	9.906	8.572f	1940320	1208629	2.934	1.310 #
40)	L8 AR-1262-5	10.602	9.115f	2310460	-40558	3.378	N.D. #
41)	L9 AR-1268-1	9.794	0.000	857682	0	0.454	N.D. #

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 Operator : AJ\MA
 Sample : PB142442BL
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 11:19:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 20 13:18:56 2022
 Response via : Initial Calibration
 Integrator: ChemStation

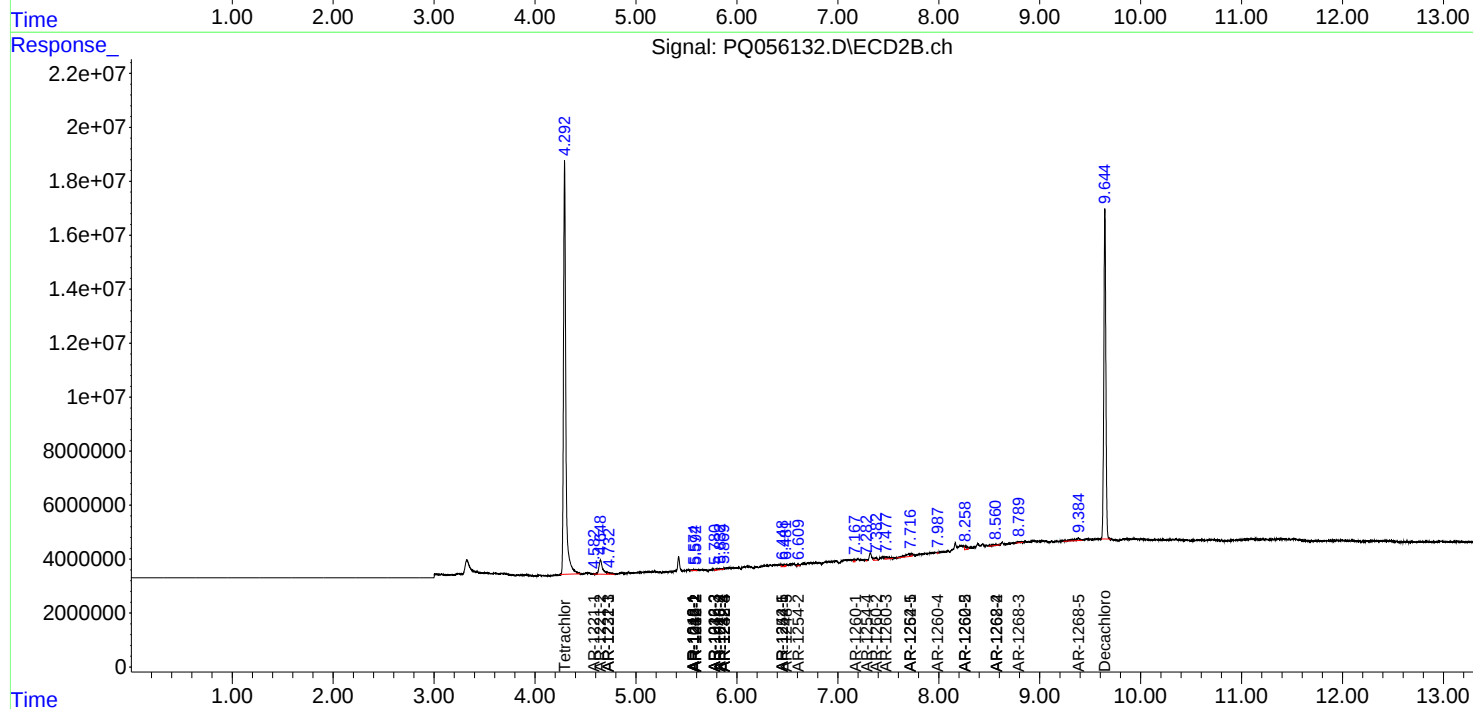
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

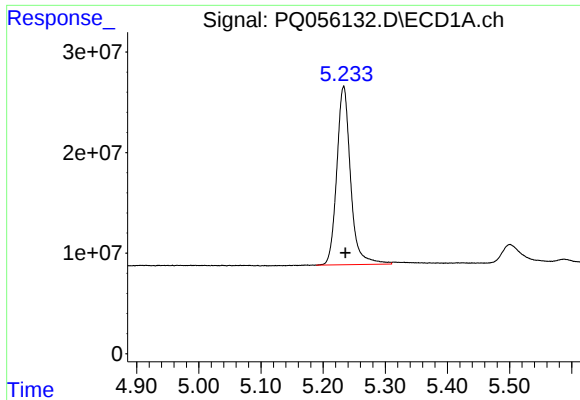
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.906	8.572f	1940320	1208629	0.972	0.912
43) L9	AR-1268-3	10.165f	8.791	-237540	807196	N.D.	0.731 #
44) L9	AR-1268-4	10.602	9.115f	2310460	-40558	3.099	N.D. #
45) L9	AR-1268-5	11.045f	9.382f	3841360	3985121	0.699	1.204 #

(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

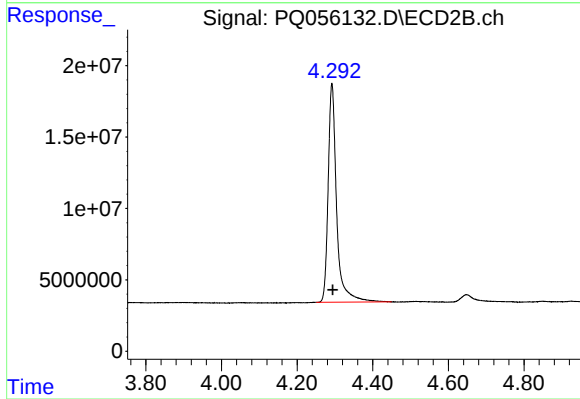




#1 Tetrachloro-m-xylene

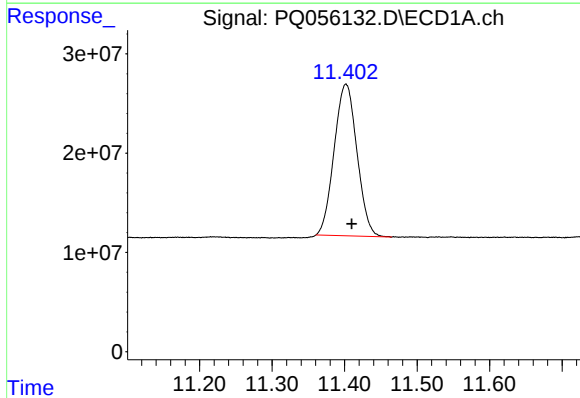
R.T.: 5.233 min
Delta R.T.: -0.003 min
Response: 273270039
Conc: 20.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



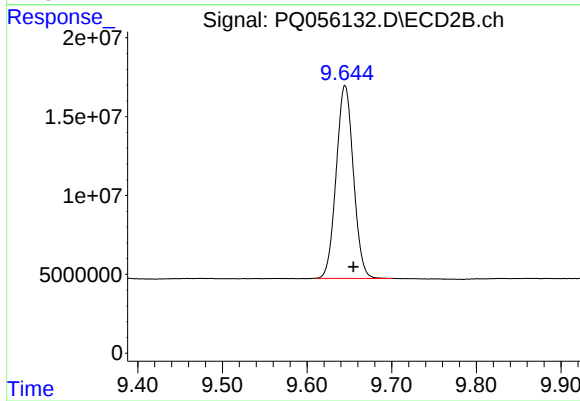
#1 Tetrachloro-m-xylene

R.T.: 4.292 min
Delta R.T.: -0.002 min
Response: 238583844
Conc: 21.22 ng/ml



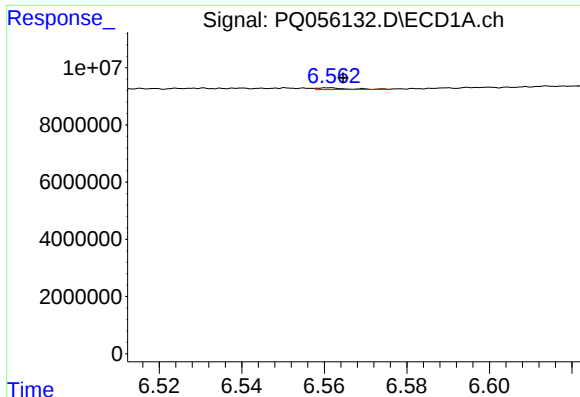
#2 Decachlorobiphenyl

R.T.: 11.402 min
Delta R.T.: -0.008 min
Response: 334287119
Conc: 22.90 ng/ml



#2 Decachlorobiphenyl

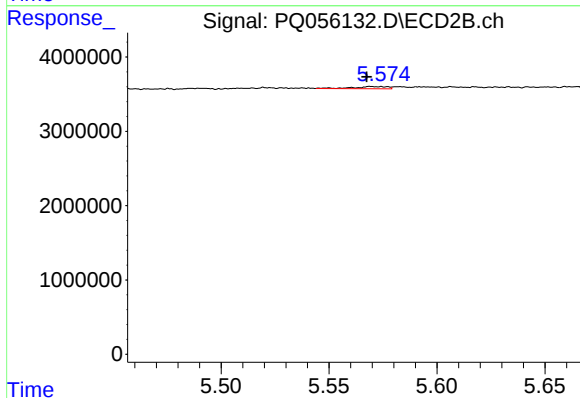
R.T.: 9.645 min
Delta R.T.: -0.010 min
Response: 172638007
Conc: 21.65 ng/ml



#3 AR-1016-1

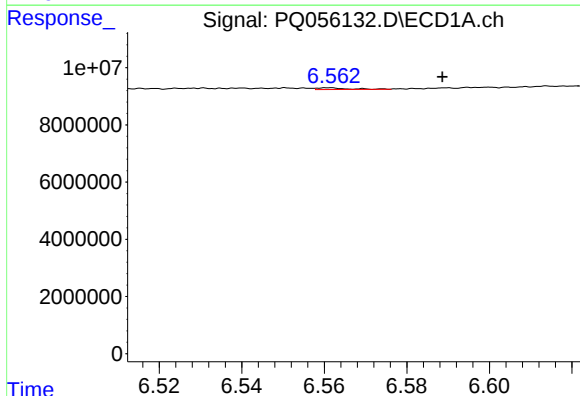
R.T.: 6.561 min
Delta R.T.: -0.004 min
Response: 297799
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



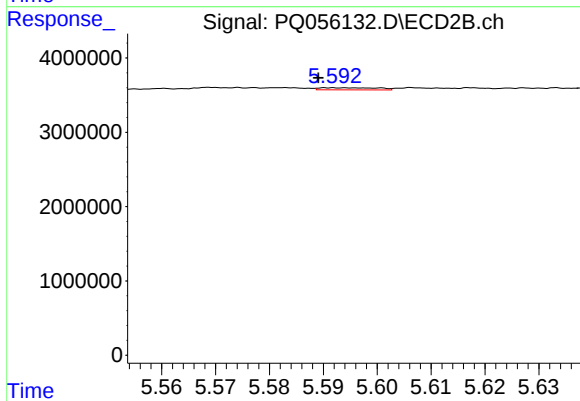
#3 AR-1016-1

R.T.: 5.574 min
Delta R.T.: 0.007 min
Response: 334590
Conc: 1.09 ng/ml



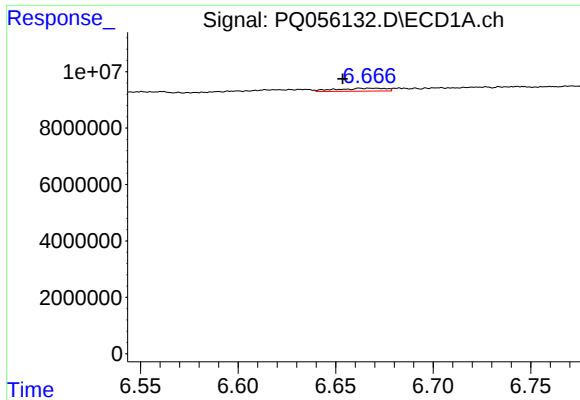
#4 AR-1016-2

R.T.: 6.561 min
Delta R.T.: -0.028 min
Response: 297799
Conc: 0.44 ng/ml



#4 AR-1016-2

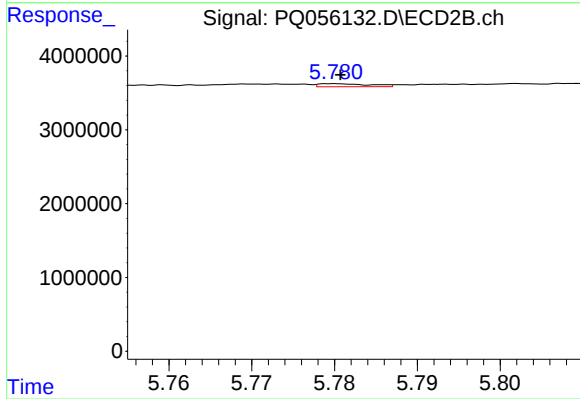
R.T.: 5.592 min
Delta R.T.: 0.003 min
Response: 216375
Conc: 0.35 ng/ml



#5 AR-1016-3

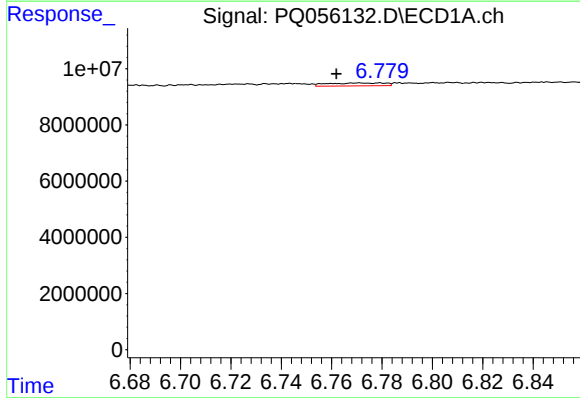
R.T.: 6.663 min
Delta R.T.: 0.009 min
Response: 1838113
Conc: 4.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



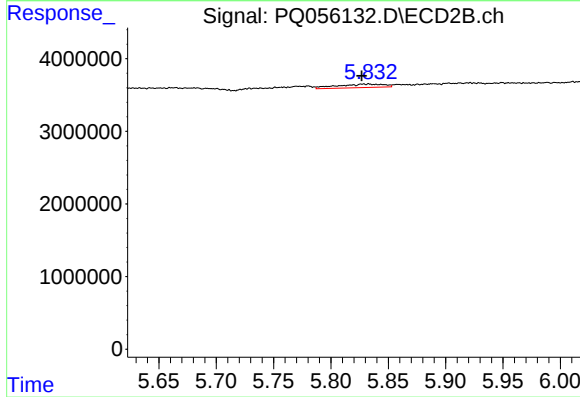
#5 AR-1016-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 179035
Conc: 0.66 ng/ml



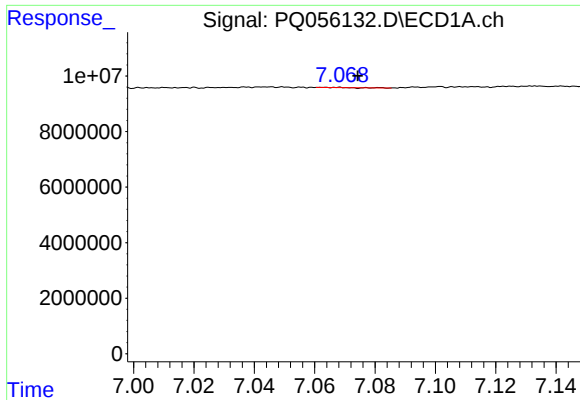
#6 AR-1016-4

R.T.: 6.771 min
Delta R.T.: 0.009 min
Response: 1668642
Conc: 4.51 ng/ml



#6 AR-1016-4

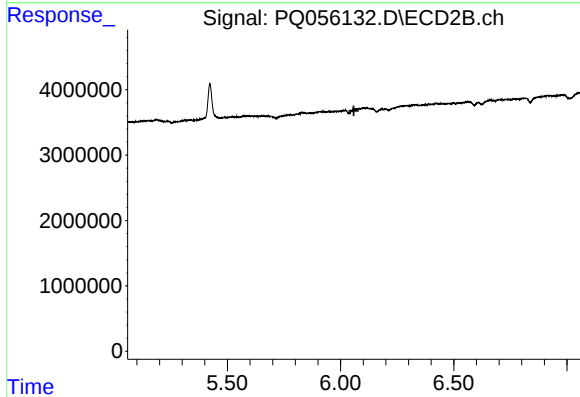
R.T.: 5.833 min
Delta R.T.: 0.006 min
Response: 1373243
Conc: 5.44 ng/ml



#7 AR-1016-5

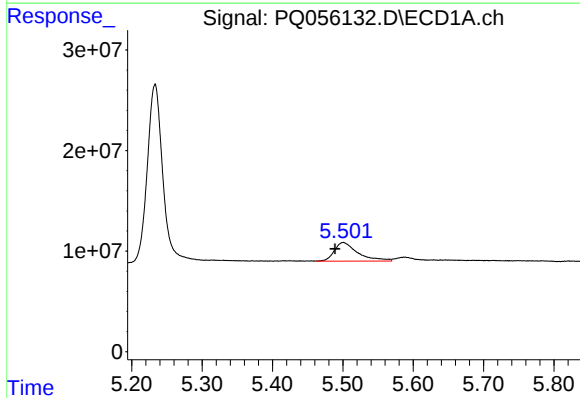
R.T.: 7.081 min
Delta R.T.: 0.007 min
Response: 25771
Conc: 0.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



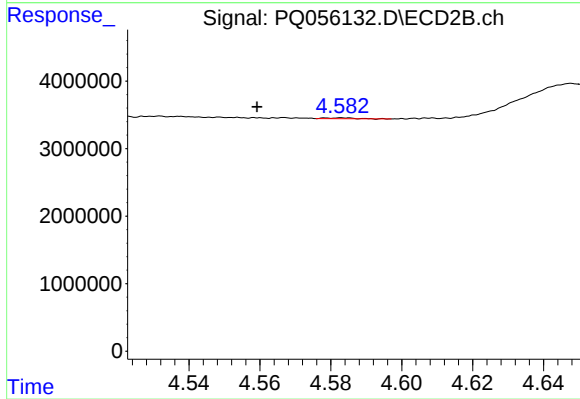
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.059 min
Response: 0
Conc: N.D.



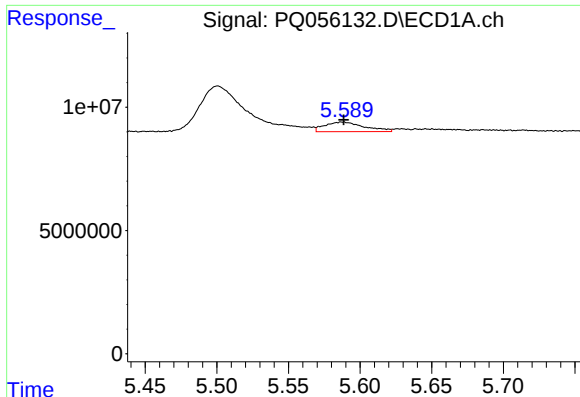
#8 AR-1221-1

R.T.: 5.501 min
Delta R.T.: 0.012 min
Response: 43426678
Conc: 304.29 ng/ml



#8 AR-1221-1

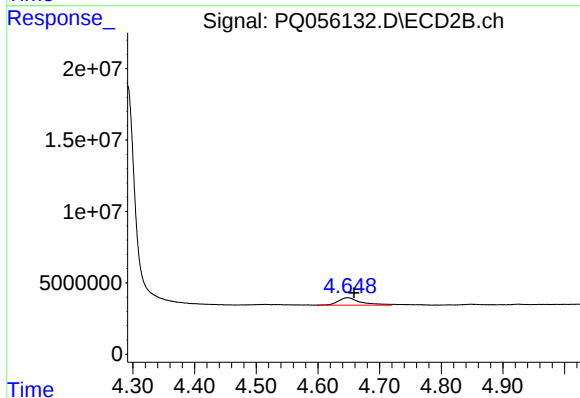
R.T.: 4.584 min
Delta R.T.: 0.024 min
Response: 71808
Conc: 0.63 ng/ml



#9 AR-1221-2

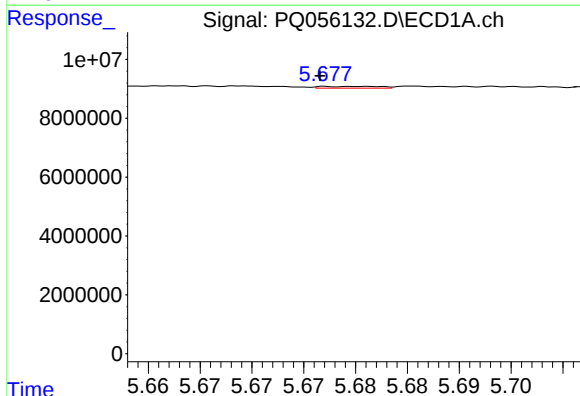
R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 7441540
Conc: 67.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



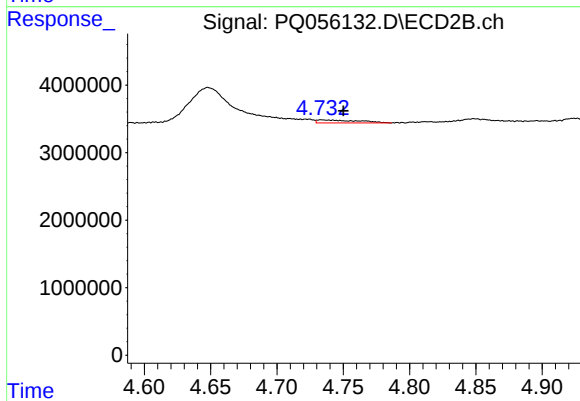
#9 AR-1221-2

R.T.: 4.648 min
Delta R.T.: -0.011 min
Response: 13133634
Conc: 150.06 ng/ml



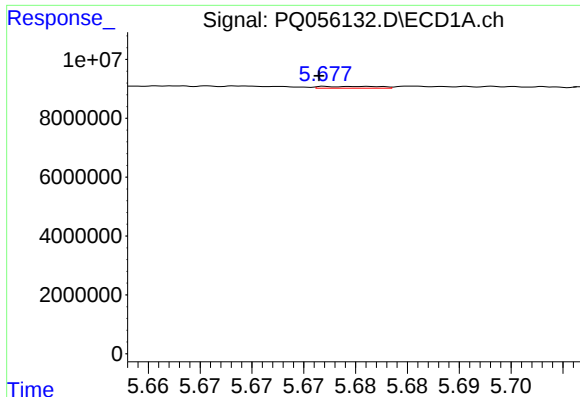
#10 AR-1221-3

R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 233969
Conc: 0.72 ng/ml



#10 AR-1221-3

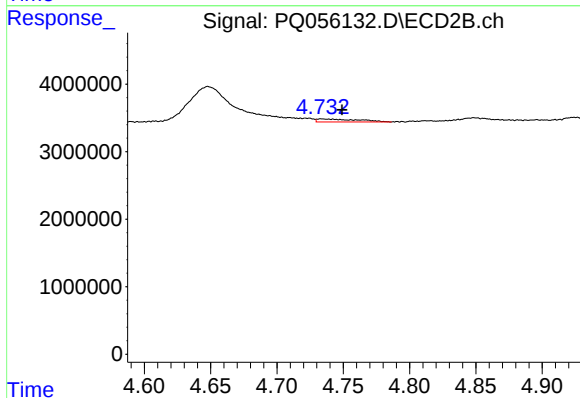
R.T.: 4.734 min
Delta R.T.: -0.017 min
Response: 954390
Conc: 3.38 ng/ml



#11 AR-1232-1

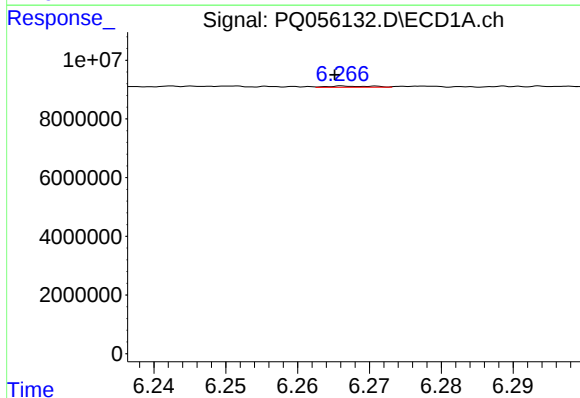
R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 233969
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



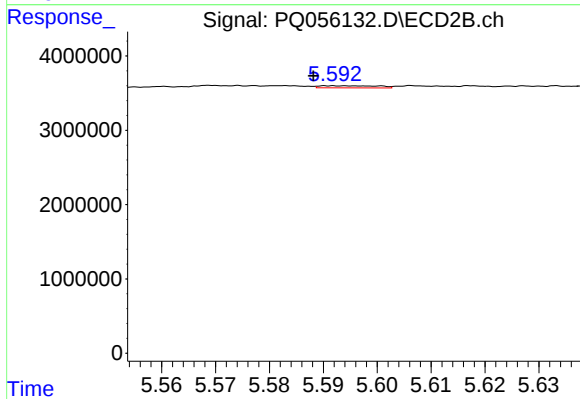
#11 AR-1232-1

R.T.: 4.734 min
Delta R.T.: -0.016 min
Response: 954390
Conc: 4.15 ng/ml



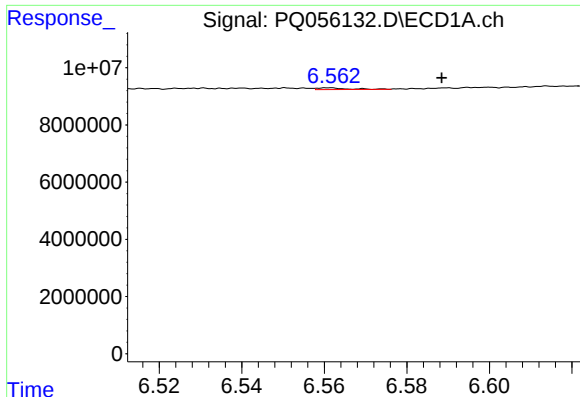
#12 AR-1232-2

R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 180507
Conc: 1.22 ng/ml



#12 AR-1232-2

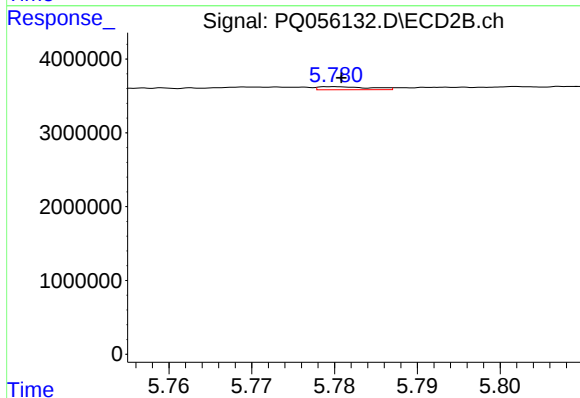
R.T.: 5.592 min
Delta R.T.: 0.004 min
Response: 216375
Conc: 0.89 ng/ml



#13 AR-1232-3

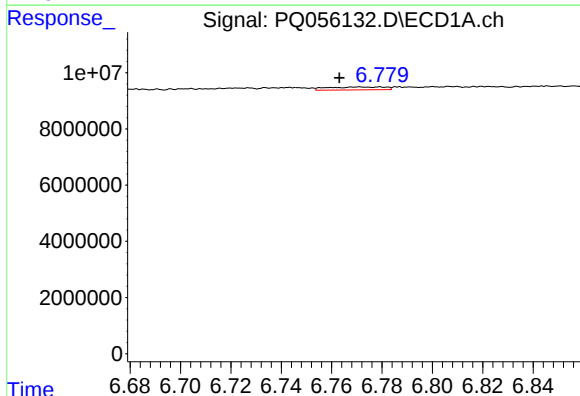
R.T.: 6.561 min
Delta R.T.: -0.027 min
Response: 297799
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



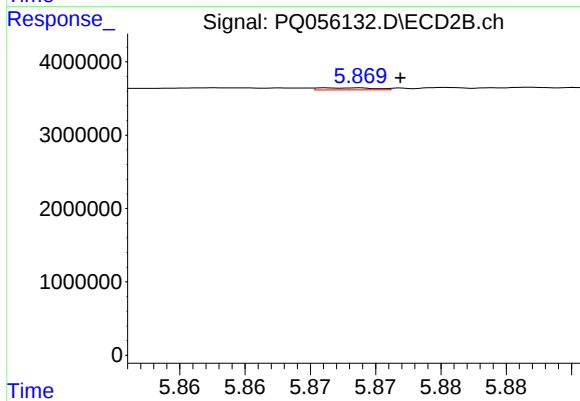
#13 AR-1232-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 179035
Conc: 1.72 ng/ml



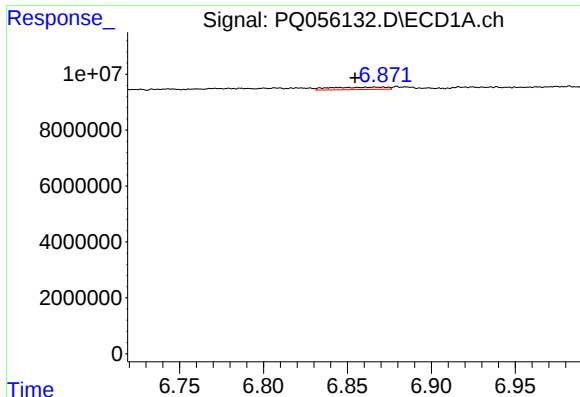
#14 AR-1232-4

R.T.: 6.771 min
Delta R.T.: 0.008 min
Response: 1668642
Conc: 11.28 ng/ml



#14 AR-1232-4

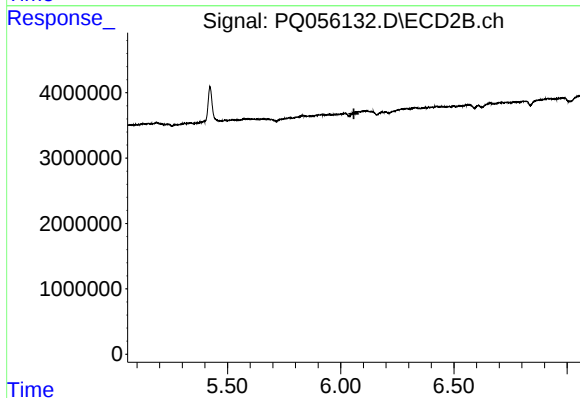
R.T.: 5.866 min
Delta R.T.: -0.006 min
Response: 81742
Conc: 0.79 ng/ml



#15 AR-1232-5

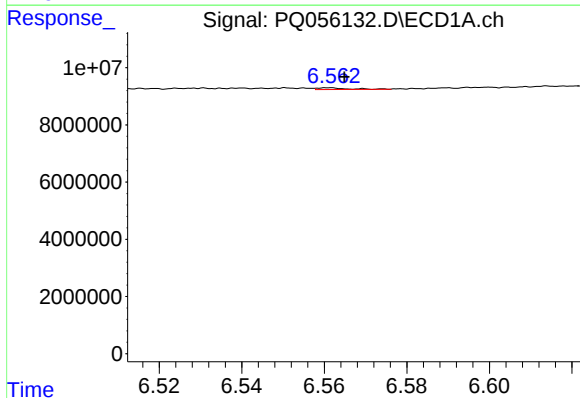
R.T.: 6.871 min
Delta R.T.: 0.017 min
Response: 2044531
Conc: 21.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



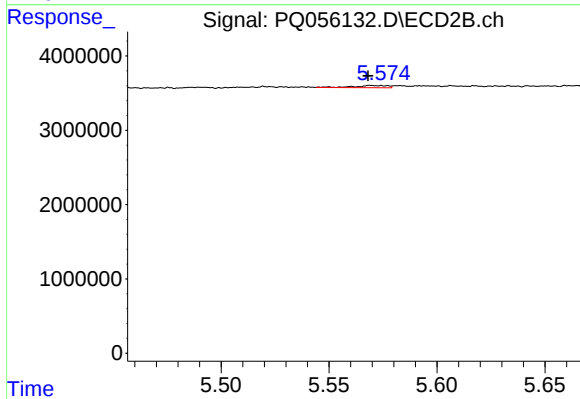
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.058 min
Response: 0
Conc: N.D.



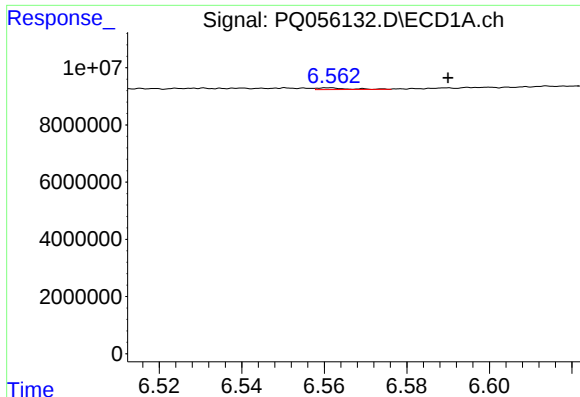
#16 AR-1242-1

R.T.: 6.561 min
Delta R.T.: -0.004 min
Response: 297799
Conc: 1.10 ng/ml



#16 AR-1242-1

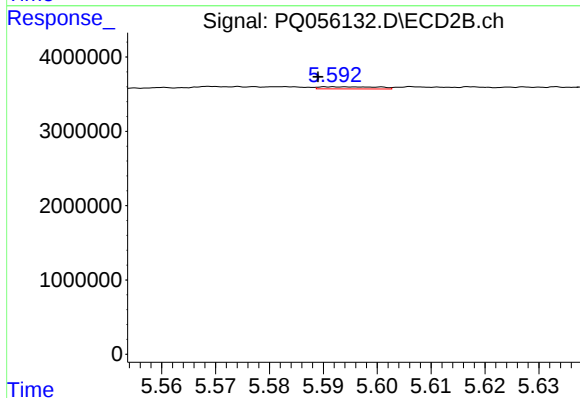
R.T.: 5.574 min
Delta R.T.: 0.006 min
Response: 334590
Conc: 1.45 ng/ml



#17 AR-1242-2

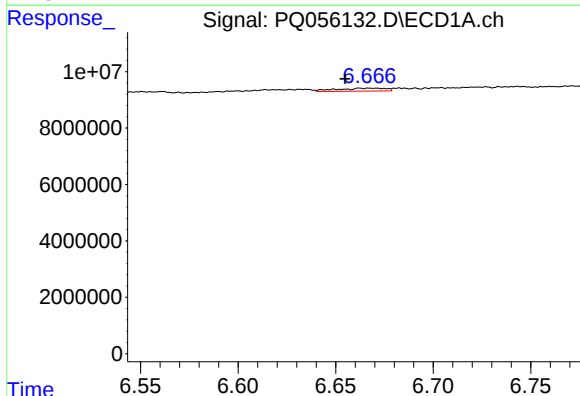
R.T.: 6.561 min
Delta R.T.: -0.029 min
Response: 297799
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



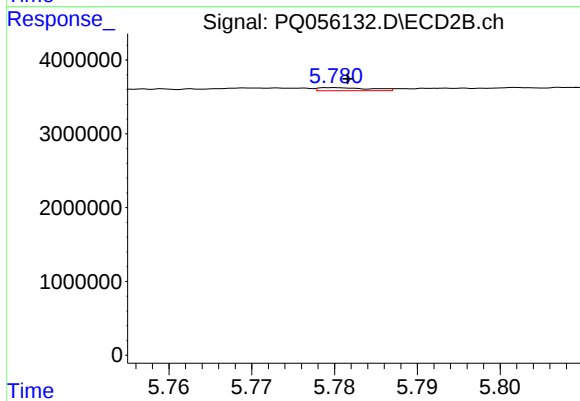
#17 AR-1242-2

R.T.: 5.592 min
Delta R.T.: 0.003 min
Response: 216375
Conc: 0.46 ng/ml



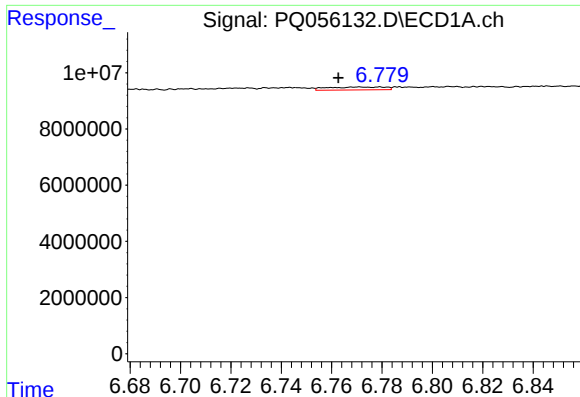
#18 AR-1242-3

R.T.: 6.663 min
Delta R.T.: 0.008 min
Response: 1838113
Conc: 5.08 ng/ml



#18 AR-1242-3

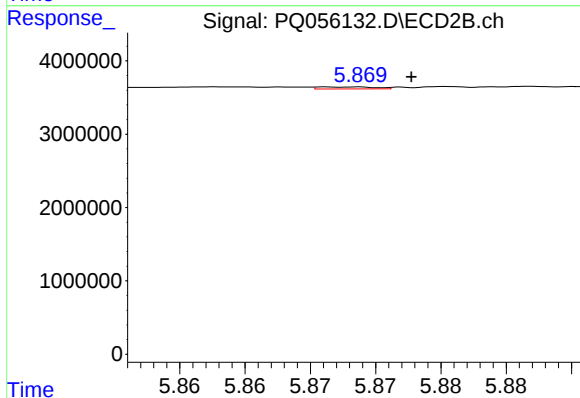
R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 179035
Conc: 0.86 ng/ml



#19 AR-1242-4

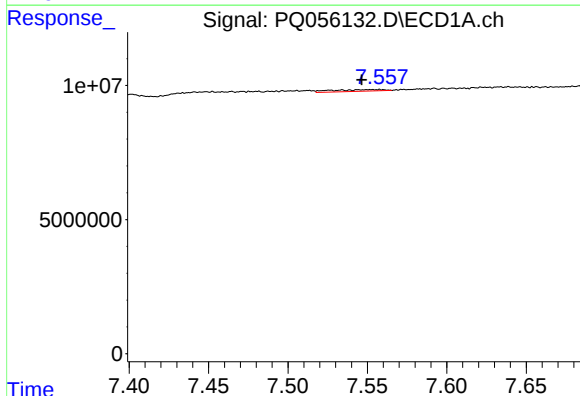
R.T.: 6.771 min
Delta R.T.: 0.008 min
Response: 1668642
Conc: 5.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



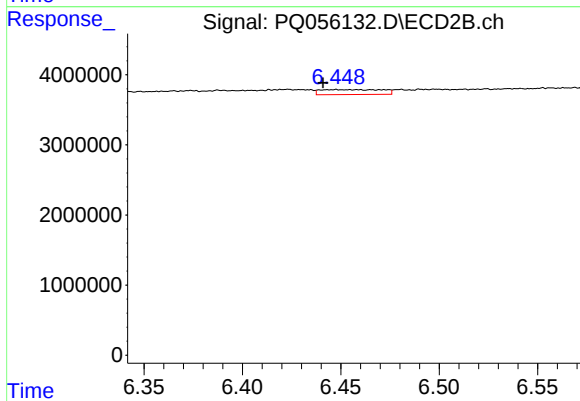
#19 AR-1242-4

R.T.: 5.866 min
Delta R.T.: -0.007 min
Response: 81742
Conc: 0.37 ng/ml



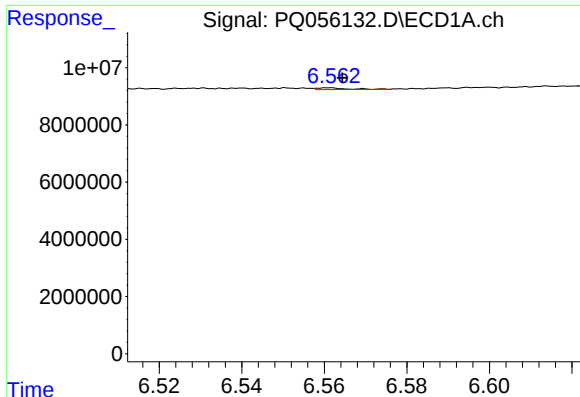
#20 AR-1242-5

R.T.: 7.558 min
Delta R.T.: 0.011 min
Response: 1386427
Conc: 5.23 ng/ml



#20 AR-1242-5

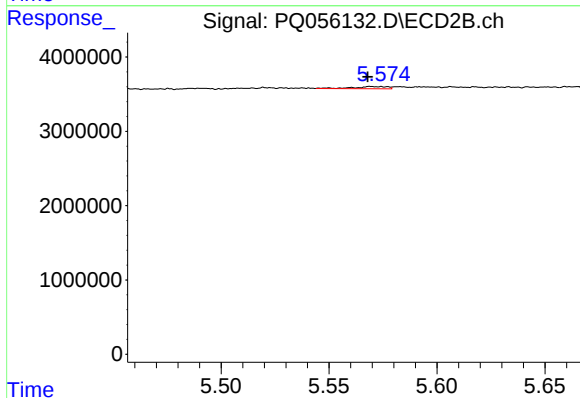
R.T.: 6.448 min
Delta R.T.: 0.007 min
Response: 1541938
Conc: 5.71 ng/ml



#21 AR-1248-1

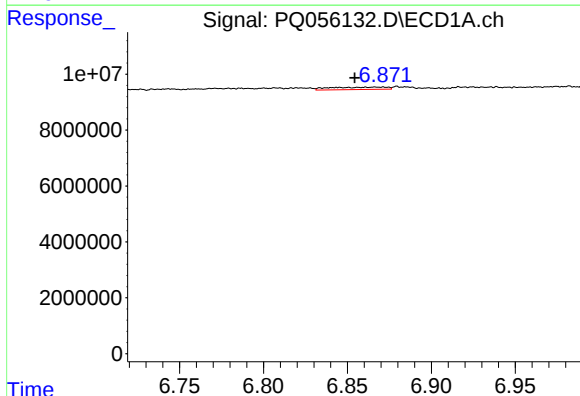
R.T.: 6.561 min
Delta R.T.: -0.003 min
Response: 297799
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



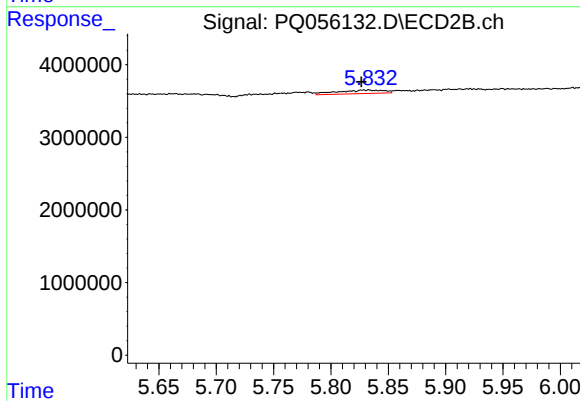
#21 AR-1248-1

R.T.: 5.574 min
Delta R.T.: 0.007 min
Response: 334590
Conc: 1.94 ng/ml



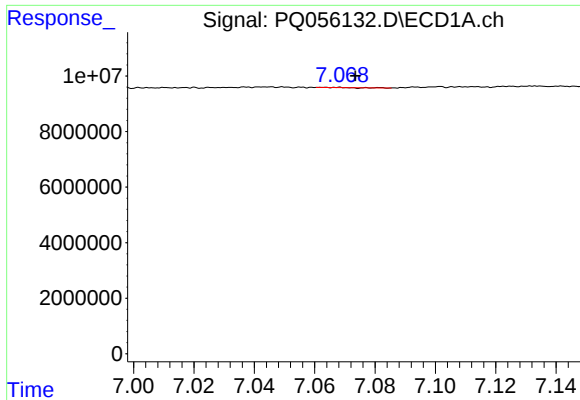
#22 AR-1248-2

R.T.: 6.871 min
Delta R.T.: 0.017 min
Response: 2044531
Conc: 6.39 ng/ml



#22 AR-1248-2

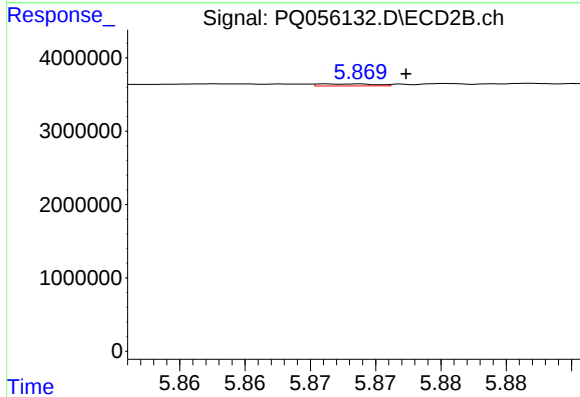
R.T.: 5.833 min
Delta R.T.: 0.007 min
Response: 1373243
Conc: 4.30 ng/ml



#23 AR-1248-3

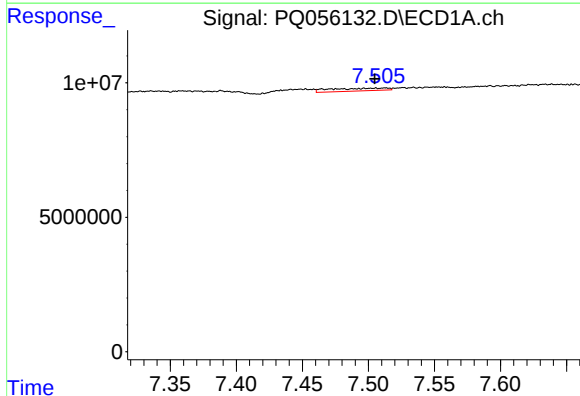
R.T.: 7.081 min
Delta R.T.: 0.008 min
Response: 25771
Conc: 0.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



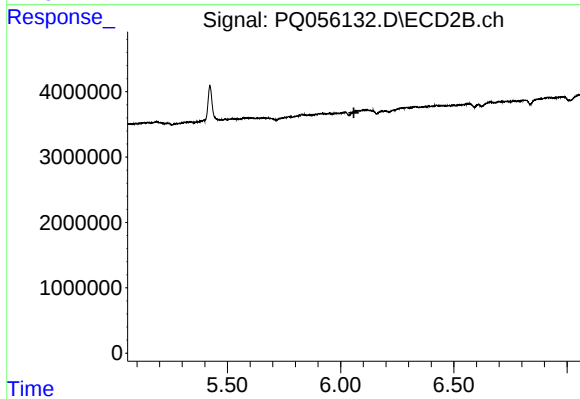
#23 AR-1248-3

R.T.: 5.866 min
Delta R.T.: -0.006 min
Response: 81742
Conc: 0.25 ng/ml



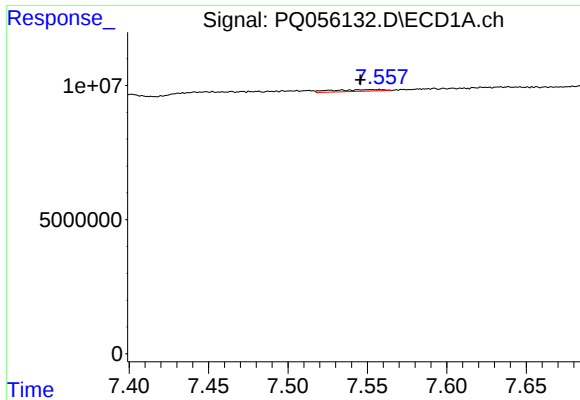
#24 AR-1248-4

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 3045509
Conc: 7.20 ng/ml



#24 AR-1248-4

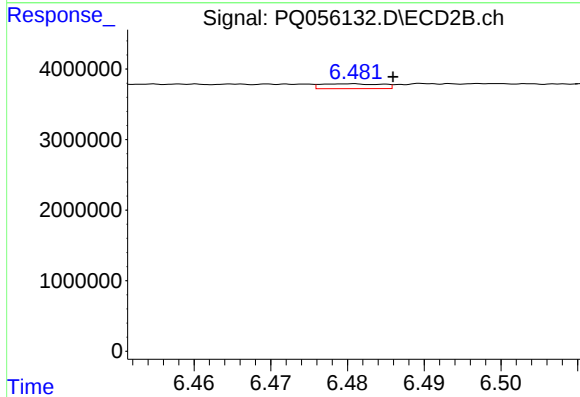
R.T.: 0.000 min
Exp R.T.: 6.058 min
Response: 0
Conc: N.D.



#25 AR-1248-5

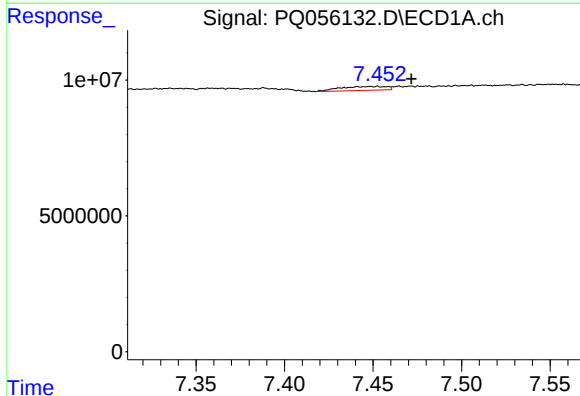
R.T.: 7.558 min
Delta R.T.: 0.012 min
Response: 1386427
Conc: 3.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



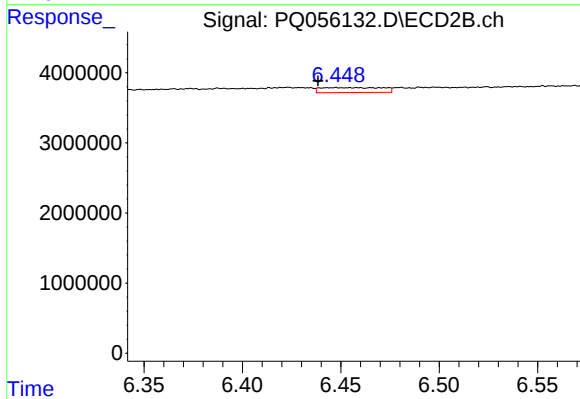
#25 AR-1248-5

R.T.: 6.480 min
Delta R.T.: -0.006 min
Response: 373699
Conc: 1.02 ng/ml



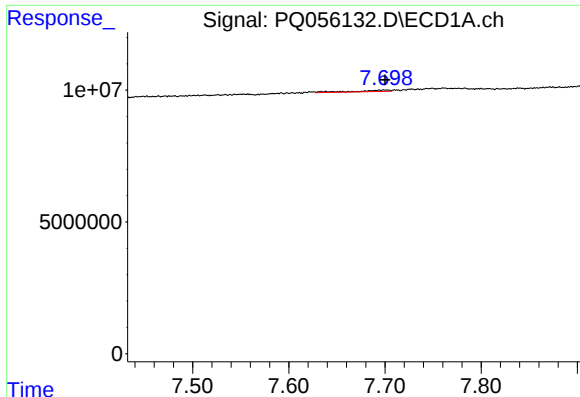
#26 AR-1254-1

R.T.: 7.452 min
Delta R.T.: -0.019 min
Response: 2616446
Conc: 6.42 ng/ml



#26 AR-1254-1

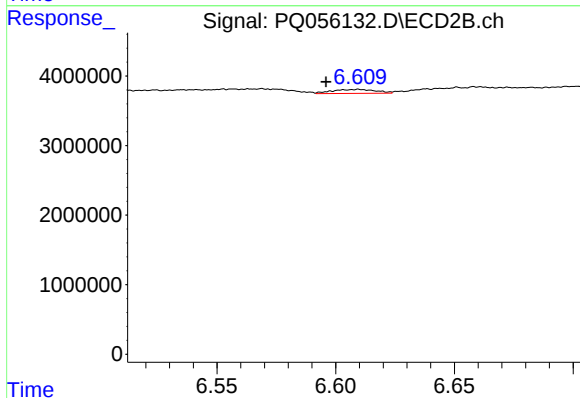
R.T.: 6.448 min
Delta R.T.: 0.009 min
Response: 1541938
Conc: 2.49 ng/ml



#27 AR-1254-2

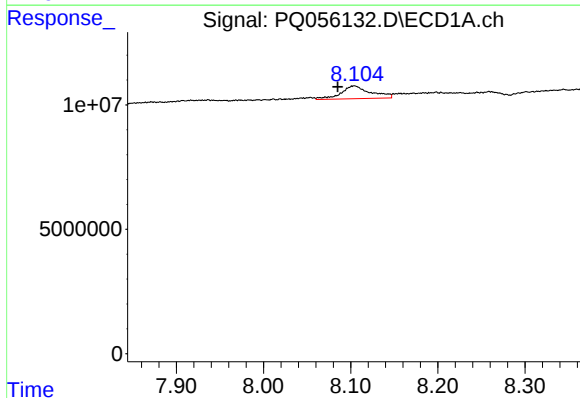
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 1323889
Conc: 2.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



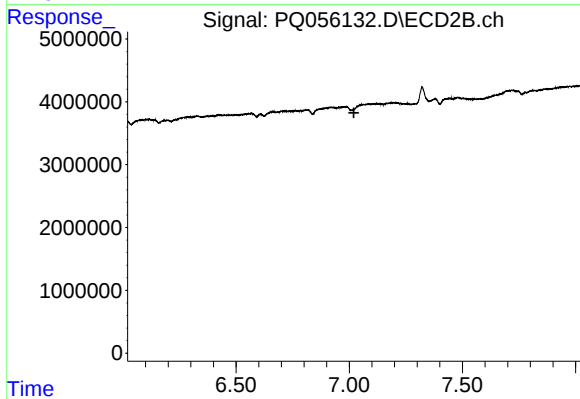
#27 AR-1254-2

R.T.: 6.610 min
Delta R.T.: 0.014 min
Response: 731258
Conc: 1.35 ng/ml



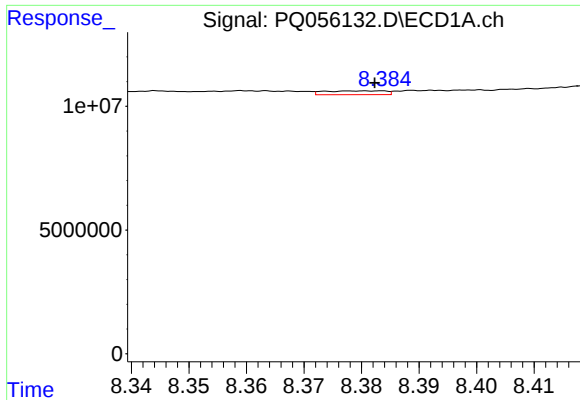
#28 AR-1254-3

R.T.: 8.104 min
Delta R.T.: 0.019 min
Response: 12233130
Conc: 15.64 ng/ml



#28 AR-1254-3

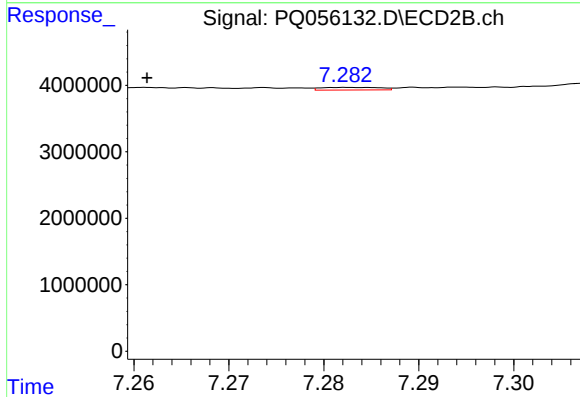
R.T.: 0.000 min
Exp R.T.: 7.021 min
Response: 0
Conc: N.D.



#29 AR-1254-4

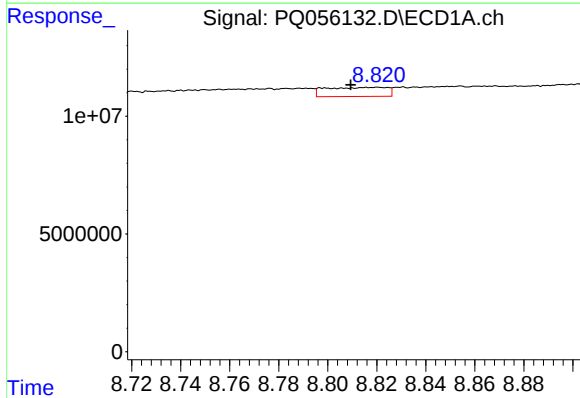
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 1133567
Conc: 2.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



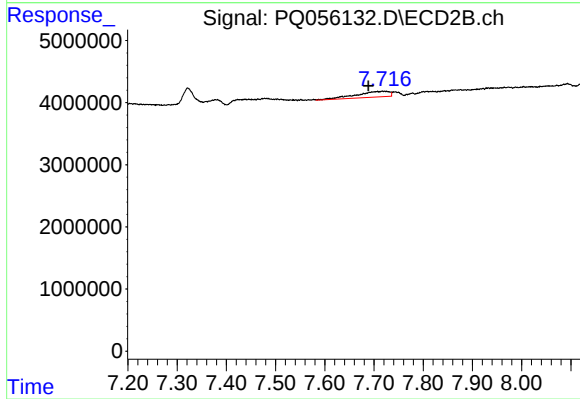
#29 AR-1254-4

R.T.: 7.283 min
Delta R.T.: 0.022 min
Response: 171037
Conc: 0.27 ng/ml



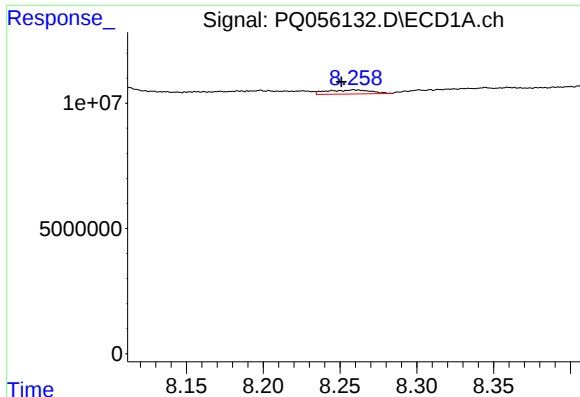
#30 AR-1254-5

R.T.: 8.820 min
Delta R.T.: 0.011 min
Response: 6739594
Conc: 10.68 ng/ml



#30 AR-1254-5

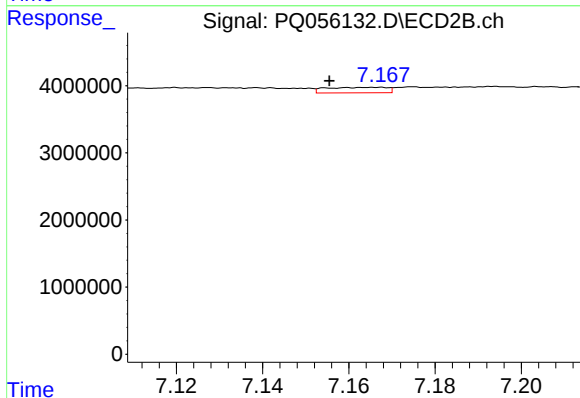
R.T.: 7.717 min
Delta R.T.: 0.028 min
Response: 4310313
Conc: 5.68 ng/ml



#31 AR-1260-1

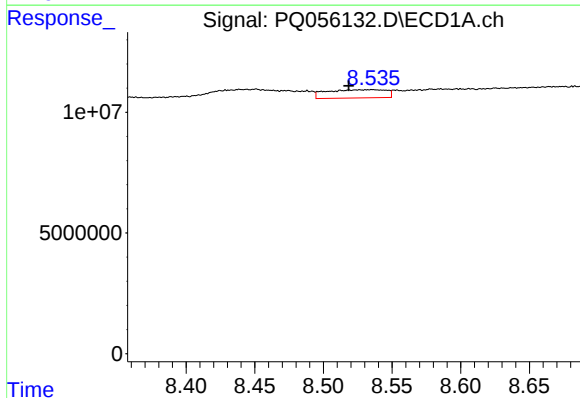
R.T.: 8.259 min
Delta R.T.: 0.008 min
Response: 3199943
Conc: 6.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



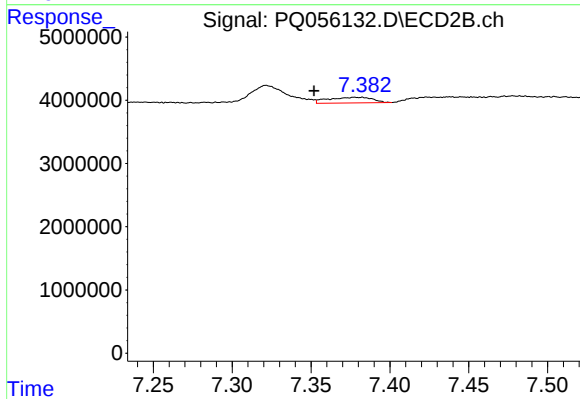
#31 AR-1260-1

R.T.: 7.166 min
Delta R.T.: 0.011 min
Response: 802520
Conc: 1.47 ng/ml



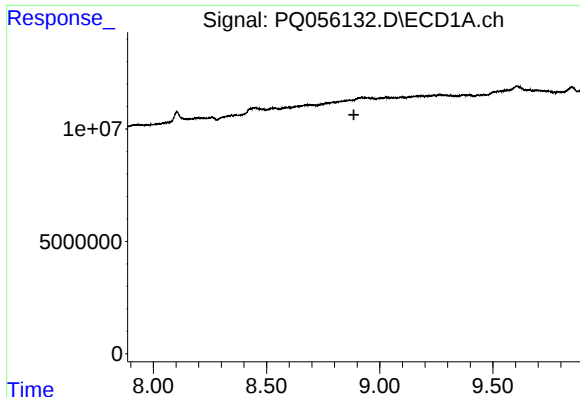
#32 AR-1260-2

R.T.: 8.536 min
Delta R.T.: 0.017 min
Response: 10174367
Conc: 17.27 ng/ml



#32 AR-1260-2

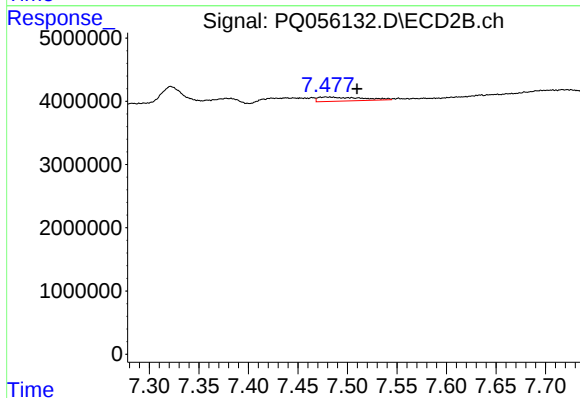
R.T.: 7.382 min
Delta R.T.: 0.030 min
Response: 1752082
Conc: 2.64 ng/ml



#33 AR-1260-3

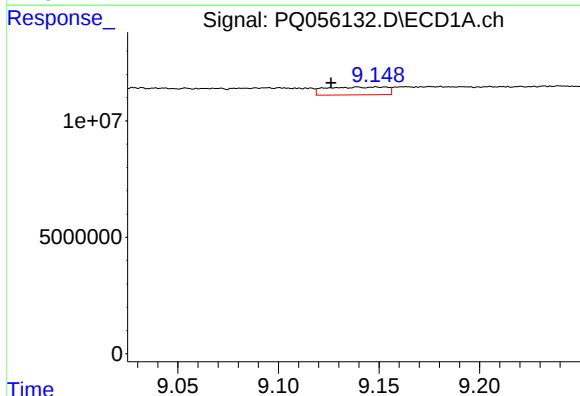
R.T.: 0.000 min
Exp R.T.: 8.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



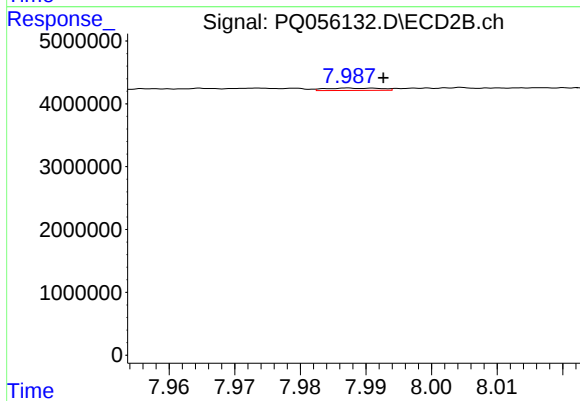
#33 AR-1260-3

R.T.: 7.482 min
Delta R.T.: -0.028 min
Response: 1986827
Conc: 3.23 ng/ml



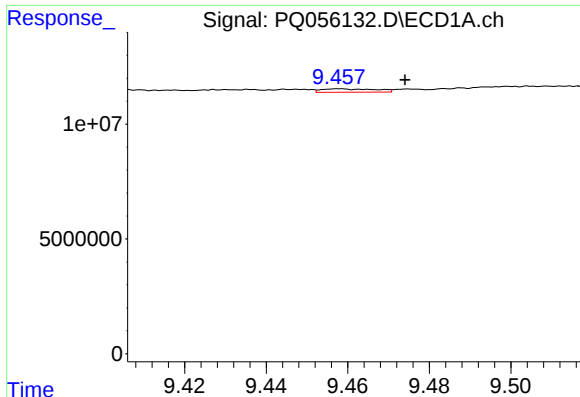
#34 AR-1260-4

R.T.: 9.139 min
Delta R.T.: 0.013 min
Response: 7078633
Conc: 12.15 ng/ml



#34 AR-1260-4

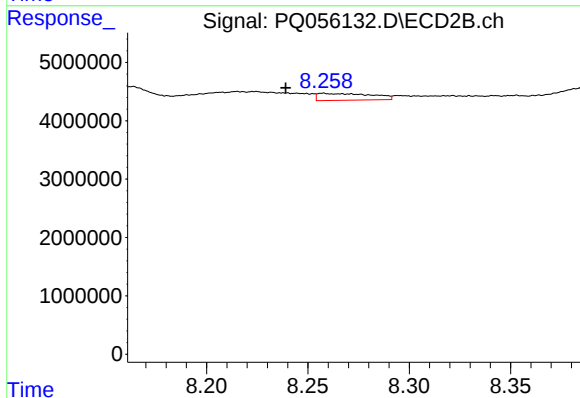
R.T.: 7.988 min
Delta R.T.: -0.005 min
Response: 211627
Conc: 0.42 ng/ml



#35 AR-1260-5

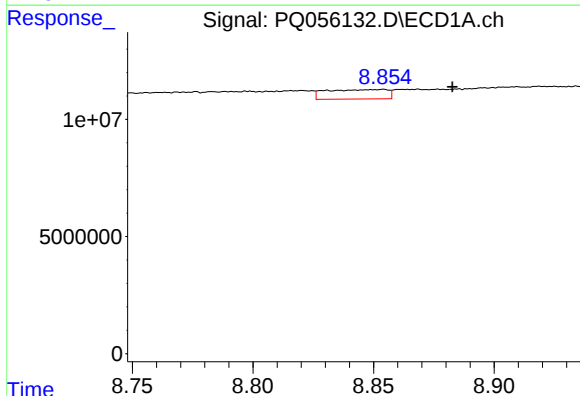
R.T.: 9.458 min
Delta R.T.: -0.016 min
Response: 1355958
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



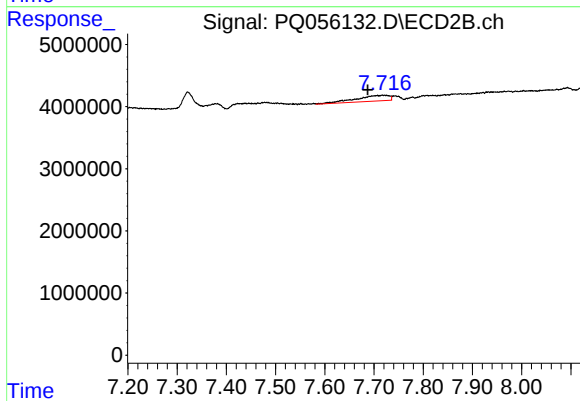
#35 AR-1260-5

R.T.: 8.257 min
Delta R.T.: 0.018 min
Response: 2192711
Conc: 1.85 ng/ml



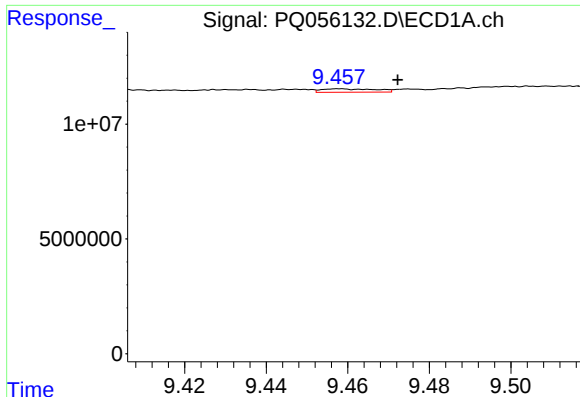
#36 AR-1262-1

R.T.: 8.854 min
Delta R.T.: -0.029 min
Response: 7156049
Conc: 9.99 ng/ml



#36 AR-1262-1

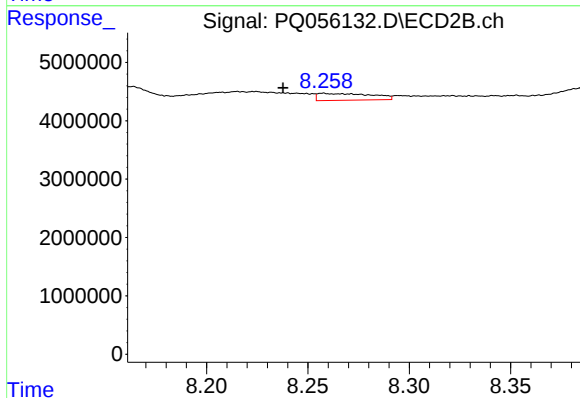
R.T.: 7.717 min
Delta R.T.: 0.030 min
Response: 4310313
Conc: 11.86 ng/ml



#37 AR-1262-2

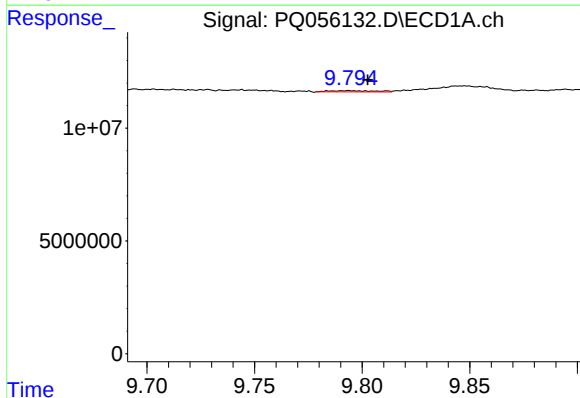
R.T.: 9.458 min
Delta R.T.: -0.014 min
Response: 1355958
Conc: 0.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



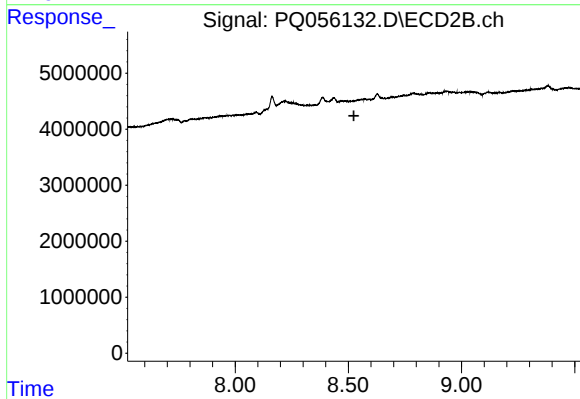
#37 AR-1262-2

R.T.: 8.257 min
Delta R.T.: 0.020 min
Response: 2192711
Conc: 1.66 ng/ml



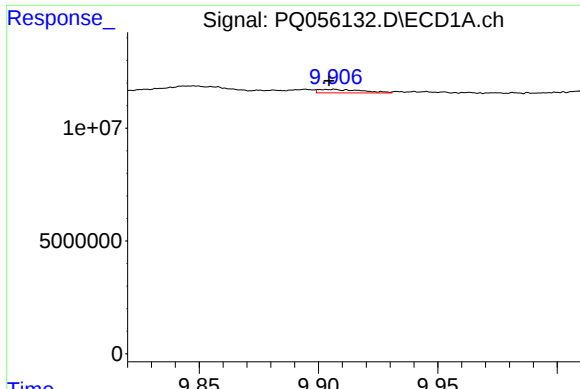
#38 AR-1262-3

R.T.: 9.794 min
Delta R.T.: -0.009 min
Response: 857682
Conc: 1.11 ng/ml



#38 AR-1262-3

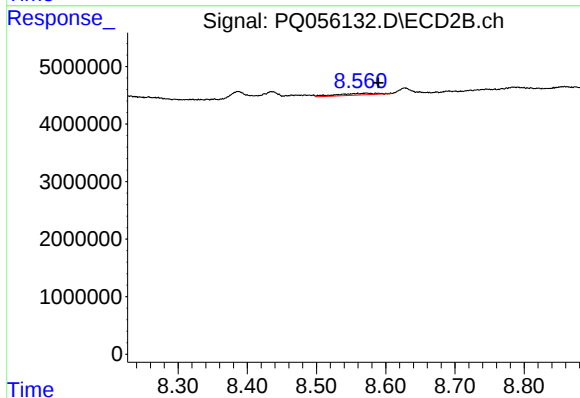
R.T.: 0.000 min
Exp R.T.: 8.524 min
Response: 0
Conc: N.D.



#39 AR-1262-4

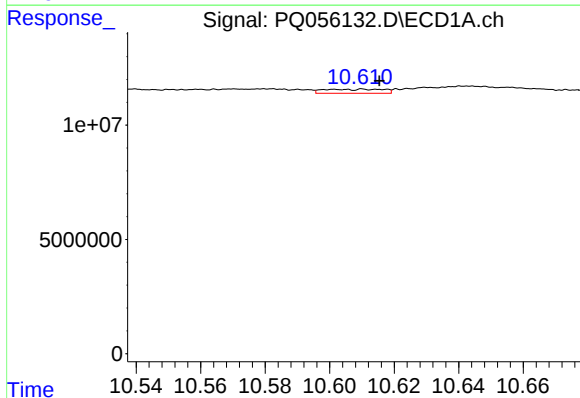
R.T.: 9.906 min
Delta R.T.: 0.001 min
Response: 1940320
Conc: 2.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



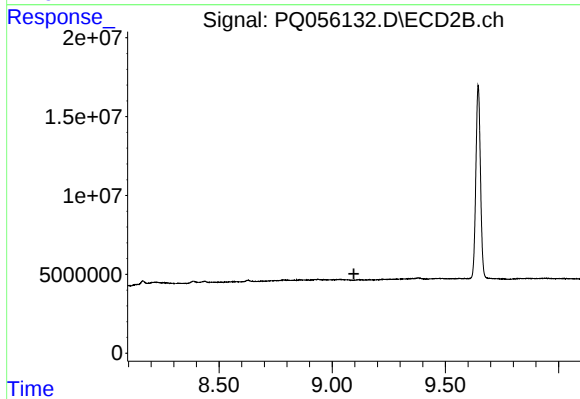
#39 AR-1262-4

R.T.: 8.572 min
Delta R.T.: -0.018 min
Response: 1208629
Conc: 1.31 ng/ml



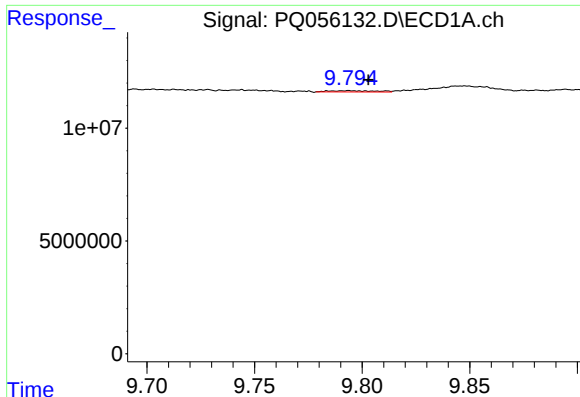
#40 AR-1262-5

R.T.: 10.602 min
Delta R.T.: -0.014 min
Response: 2310460
Conc: 3.38 ng/ml



#40 AR-1262-5

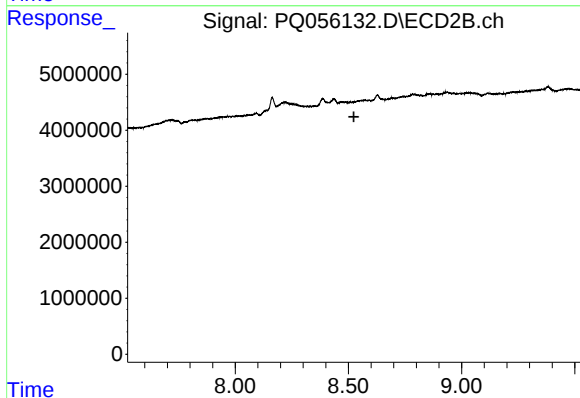
R.T.: 9.115 min
Delta R.T.: 0.020 min
Response: -40558
Conc: N.D.



#41 AR-1268-1

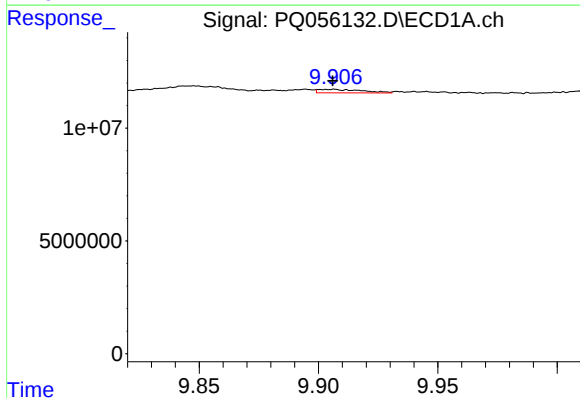
R.T.: 9.794 min
Delta R.T.: -0.009 min
Response: 857682
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



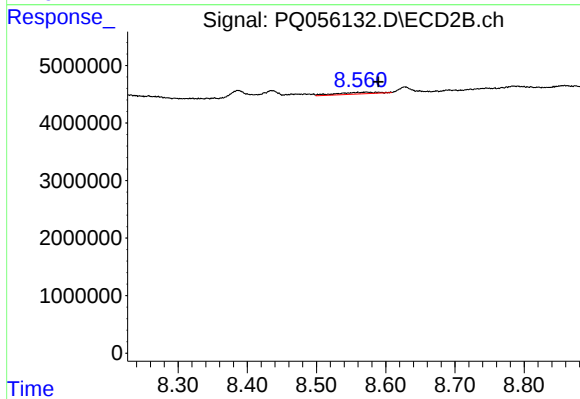
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.524 min
Response: 0
Conc: N.D.



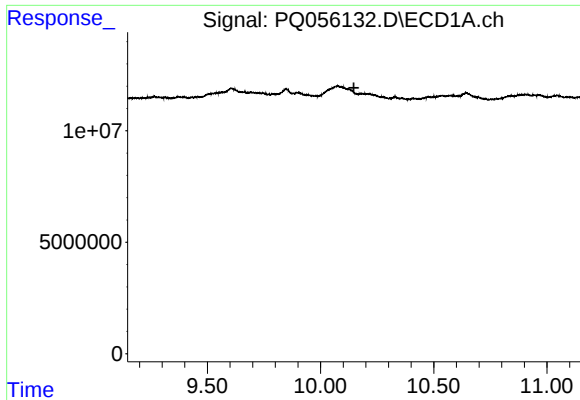
#42 AR-1268-2

R.T.: 9.906 min
Delta R.T.: 0.000 min
Response: 1940320
Conc: 0.97 ng/ml



#42 AR-1268-2

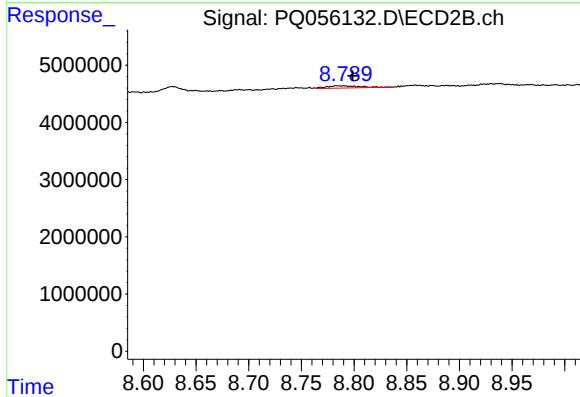
R.T.: 8.572 min
Delta R.T.: -0.017 min
Response: 1208629
Conc: 0.91 ng/ml



#43 AR-1268-3

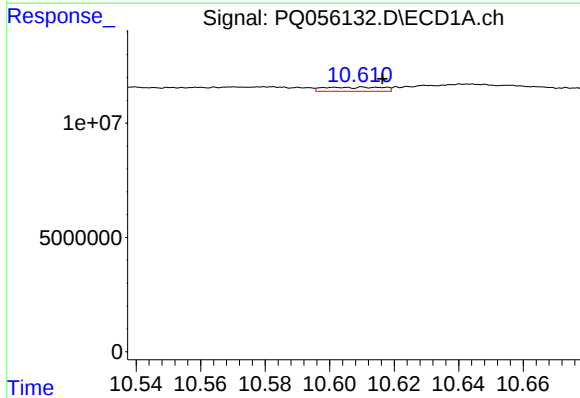
R.T.: 10.165 min
Delta R.T.: 0.018 min
Response: -237540
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



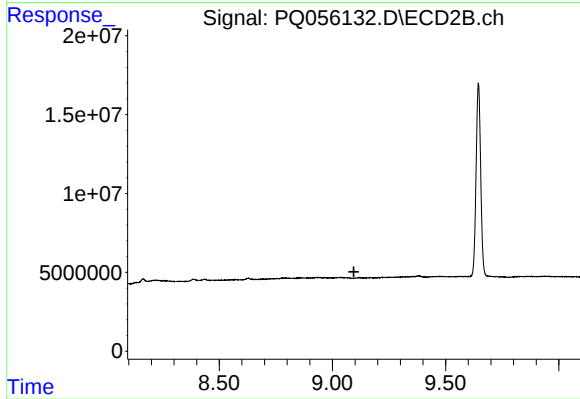
#43 AR-1268-3

R.T.: 8.791 min
Delta R.T.: -0.008 min
Response: 807196
Conc: 0.73 ng/ml



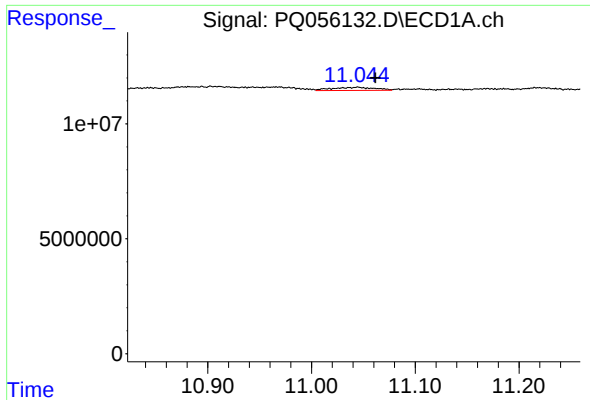
#44 AR-1268-4

R.T.: 10.602 min
Delta R.T.: -0.015 min
Response: 2310460
Conc: 3.10 ng/ml



#44 AR-1268-4

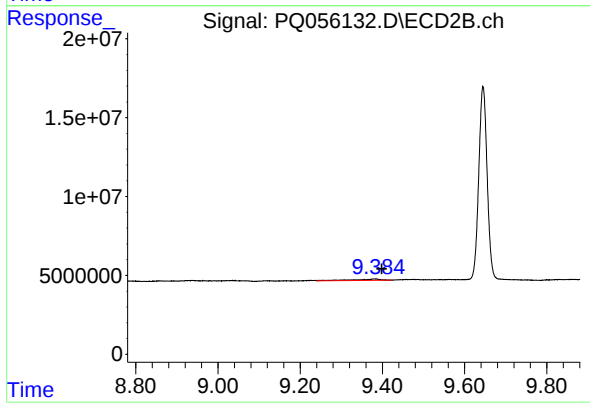
R.T.: 9.115 min
Delta R.T.: 0.021 min
Response: -40558
Conc: N.D.



#45 AR-1268-5

R.T.: 11.045 min
Delta R.T.: -0.017 min
Response: 3841360
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.382 min
Delta R.T.: -0.017 min
Response: 3985121
Conc: 1.20 ng/ml