

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 06:40
 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: Feb 25 08:52:11 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...	3.434	2.795	515.9E6	280.8E6	22.420	24.959
2)	SA Decachlor...	8.561	7.519	314.0E6	285.9E6	23.160	26.641
Target Compounds							
3)	L1 AR-1016-1	4.533	3.784	2060531	854047	2.592	2.189
4)	L1 AR-1016-2	4.533	3.813	2060531	3580568	1.722	6.070 #
5)	L1 AR-1016-3	4.601	3.960	7872026	2425205	10.622	7.714 #
6)	L1 AR-1016-4	4.679f	4.026	4173580	8442912	6.728	34.443 #
7)	L1 AR-1016-5	4.966	4.197	14965852	11134425	25.438	34.864 #
8)	L2 AR-1221-1	3.618f	2.996	2946044	1122117	12.298	9.983
9)	L2 AR-1221-2	3.709	3.063	10067225	5242959	57.594	62.982
10)	L2 AR-1221-3	3.788	3.140	1152437	1189504	2.203	4.604 #
11)	L3 AR-1232-1	3.776	3.140	2561446	1189504	4.878	4.443
12)	L3 AR-1232-2	4.285f	3.813	209085	3580568	0.783	13.333 #
13)	L3 AR-1232-3	4.533	3.960	2060531	2425205	3.778	17.414 #
14)	L3 AR-1232-4	4.679	4.026f	4173580	8442912	15.448	71.139 #
15)	L3 AR-1232-5	4.783	4.197	8292366	11134425	44.423	81.707 #
16)	L4 AR-1242-1	4.517	3.784	1198659	854047	1.941	2.656 #
17)	L4 AR-1242-2	4.533	3.813	2060531	3580568	2.195	7.474 #
18)	L4 AR-1242-3	4.601	3.960	7872026	2425205	13.628	9.355 #
19)	L4 AR-1242-4	4.679	4.026f	4173580	8442912	8.559	35.274 #
20)	L4 AR-1242-5	5.391	4.550	39953406	41173173	80.111	133.353 #
21)	L5 AR-1248-1	4.517	3.784	1198659	854047	2.514	3.487 #
22)	L5 AR-1248-2	4.783	3.996	8292366	2703318	13.333	7.850 #
23)	L5 AR-1248-3	4.966	4.026f	14965852	8442912	19.747	24.217
24)	L5 AR-1248-4	0.000	4.197	0	11134425	N.D.	26.309 #
25)	L5 AR-1248-5	5.391	4.550f	39953406	41173173	47.771	96.729 #
26)	L6 AR-1254-1	5.322	4.550f	89772735	41173173	107.321	63.587 #
27)	L6 AR-1254-2	5.533	4.671	29470323	5575934	23.034	10.122 #
28)	L6 AR-1254-3	5.865f	5.039	6078070	3594804	4.474	4.192
29)	L6 AR-1254-4	6.153	5.276	23384273	89513	23.578	0.160 #
30)	L6 AR-1254-5	6.575	5.671	3601188	1359702	3.430	1.678 #
31)	L7 AR-1260-1	6.058	5.194	1361338	667851	1.300	1.087
32)	L7 AR-1260-2	6.305	5.370	3742920	4078239	3.018	5.469 #
33)	L7 AR-1260-3	6.664	5.511	2258044	7845429	2.526	10.794 #
34)	L7 AR-1260-4	6.880	5.956	1720950	1956084	1.747	3.319 #
35)	L7 AR-1260-5	7.195	6.191f	1020102	1280112	0.525	0.931 #
36)	L8 AR-1262-1	6.664	5.709	2258044	3209347	1.964	4.105 #
37)	L8 AR-1262-2	7.187	6.191	1875718	1280112	0.935	0.902
38)	L8 AR-1262-3	7.462	0.000	1749401	0	1.337	N.D. #
39)	L8 AR-1262-4	7.523	6.550f	785017	348943	0.768	0.327 #
40)	L8 AR-1262-5	8.044	7.041	406368	1344625	0.625	2.597 #
41)	L9 AR-1268-1	7.462	0.000	1749401	0	0.766	N.D. #

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 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

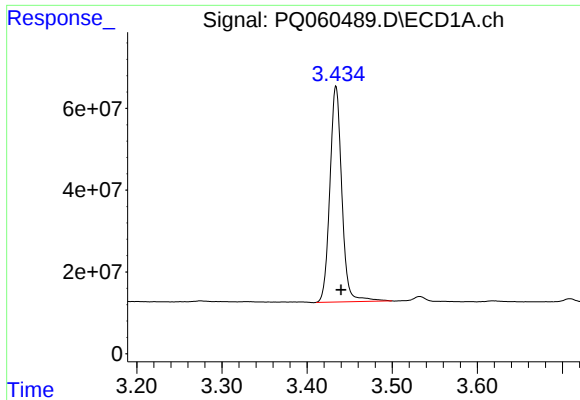
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:52:11 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	7.546	6.550	5217237	348943	2.458	0.224 #
43) L9	AR-1268-3	7.721	6.740	1296295	7913500	0.745	5.815 #
44) L9	AR-1268-4	8.044	7.041	406368	1344625	0.547	2.279 #
45) L9	AR-1268-5	8.332	7.305	1854865	7468512	0.360	1.751 #

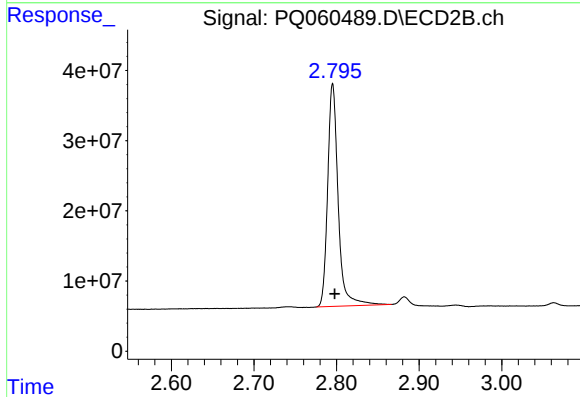
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

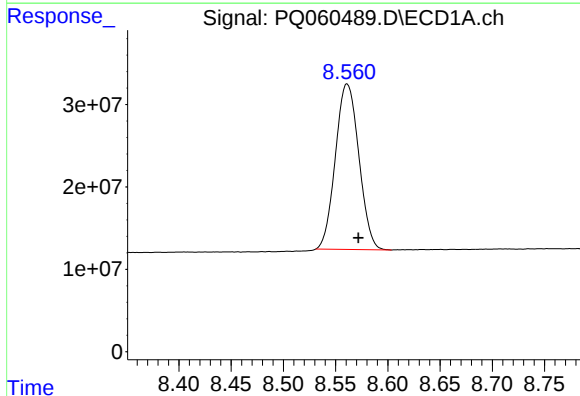
R.T.: 3.434 min
Delta R.T.: -0.006 min
Response: 515878689
Conc: 22.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



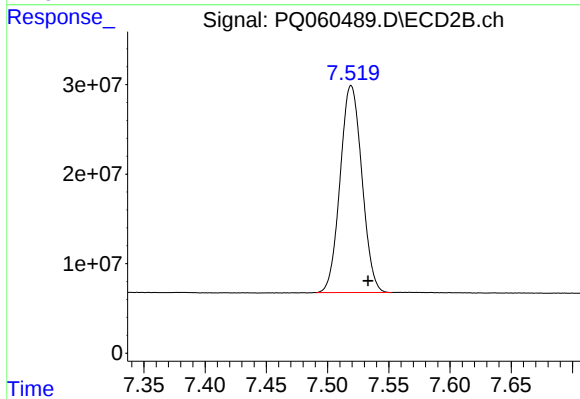
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.003 min
Response: 280780006
Conc: 24.96 ng/ml



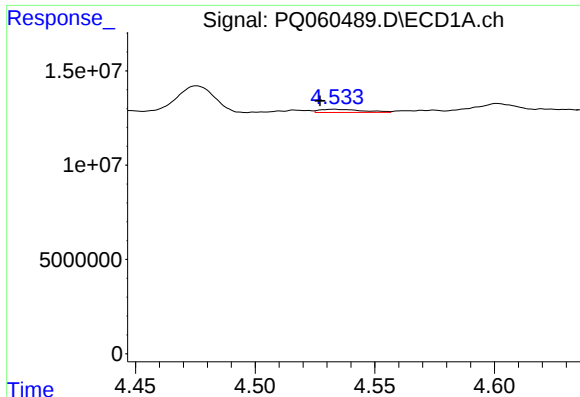
#2 Decachlorobiphenyl

R.T.: 8.561 min
Delta R.T.: -0.011 min
Response: 314029597
Conc: 23.16 ng/ml



#2 Decachlorobiphenyl

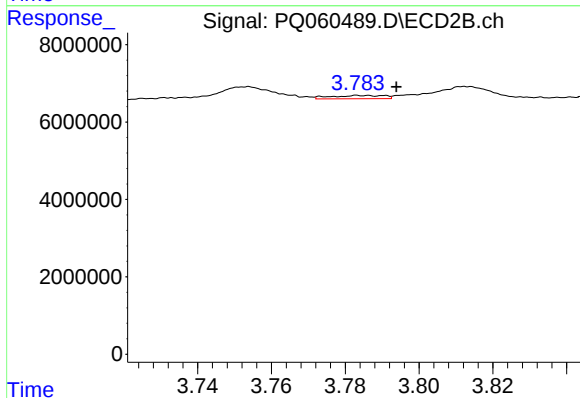
R.T.: 7.519 min
Delta R.T.: -0.014 min
Response: 285918108
Conc: 26.64 ng/ml



#3 AR-1016-1

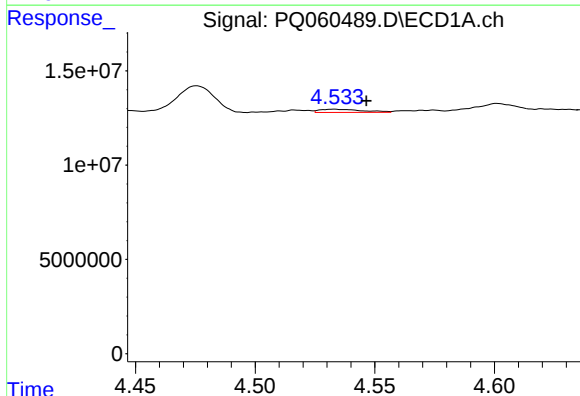
R.T.: 4.533 min
Delta R.T.: 0.006 min
Response: 2060531
Conc: 2.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



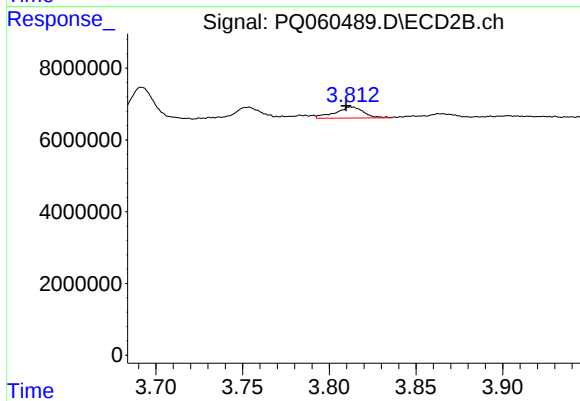
#3 AR-1016-1

R.T.: 3.784 min
Delta R.T.: -0.010 min
Response: 854047
Conc: 2.19 ng/ml



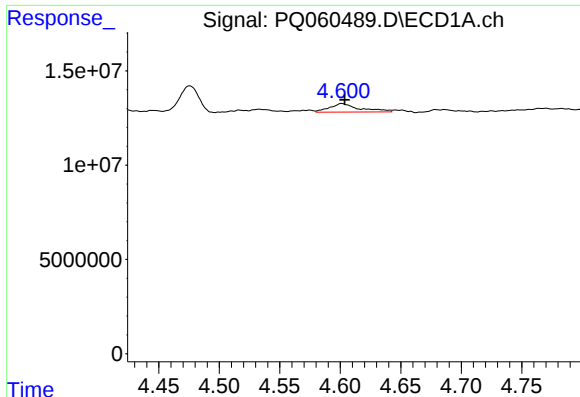
#4 AR-1016-2

R.T.: 4.533 min
Delta R.T.: -0.014 min
Response: 2060531
Conc: 1.72 ng/ml



#4 AR-1016-2

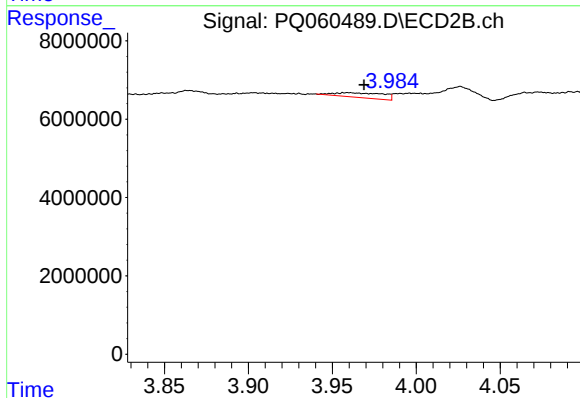
R.T.: 3.813 min
Delta R.T.: 0.003 min
Response: 3580568
Conc: 6.07 ng/ml



#5 AR-1016-3

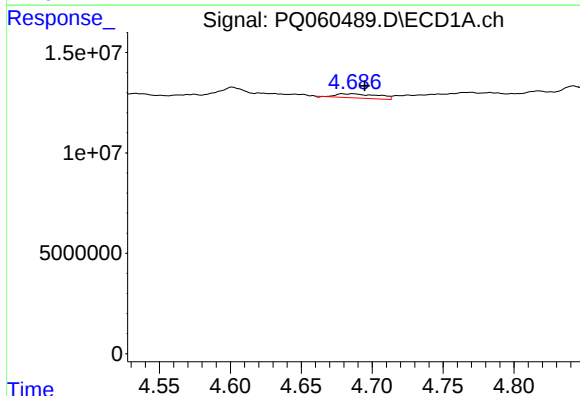
R.T.: 4.601 min
Delta R.T.: -0.002 min
Response: 7872026
Conc: 10.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



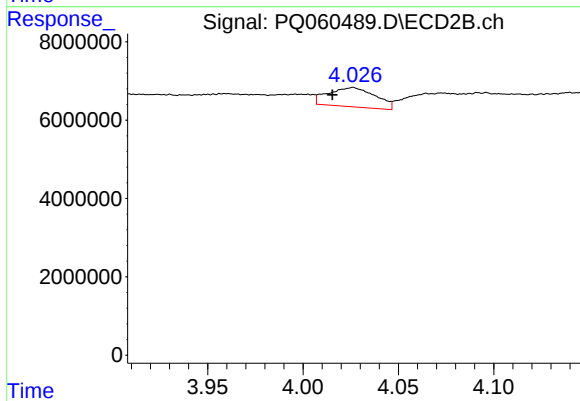
#5 AR-1016-3

R.T.: 3.960 min
Delta R.T.: -0.009 min
Response: 2425205
Conc: 7.71 ng/ml



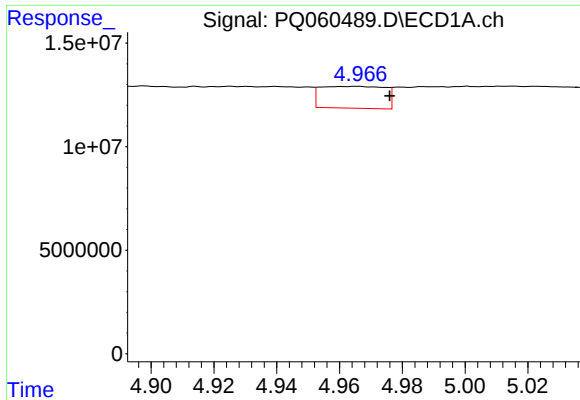
#6 AR-1016-4

R.T.: 4.679 min
Delta R.T.: -0.016 min
Response: 4173580
Conc: 6.73 ng/ml



#6 AR-1016-4

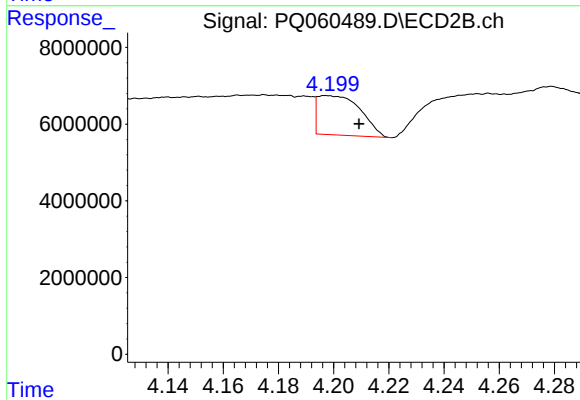
R.T.: 4.026 min
Delta R.T.: 0.011 min
Response: 8442912
Conc: 34.44 ng/ml



#7 AR-1016-5

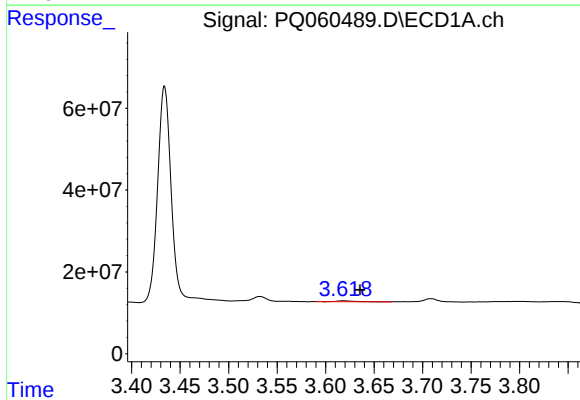
R.T.: 4.966 min
Delta R.T.: -0.010 min
Response: 14965852
Conc: 25.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



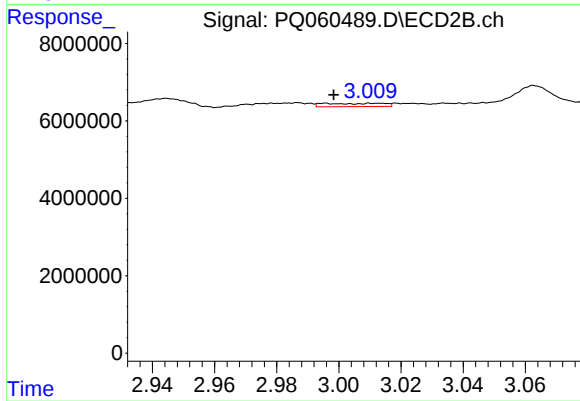
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: -0.012 min
Response: 11134425
Conc: 34.86 ng/ml



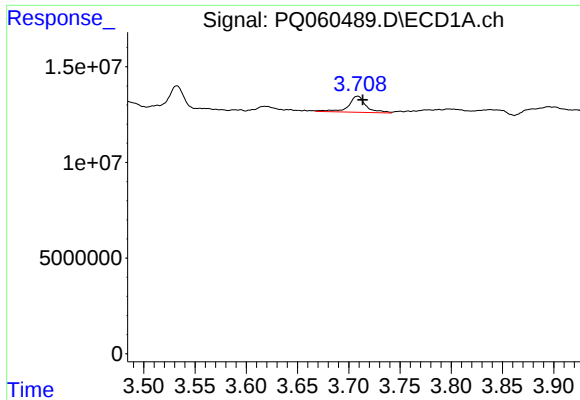
#8 AR-1221-1

R.T.: 3.618 min
Delta R.T.: -0.017 min
Response: 2946044
Conc: 12.30 ng/ml



#8 AR-1221-1

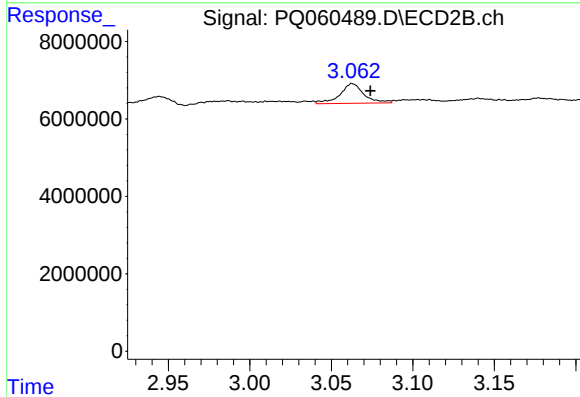
R.T.: 2.996 min
Delta R.T.: -0.002 min
Response: 1122117
Conc: 9.98 ng/ml



#9 AR-1221-2

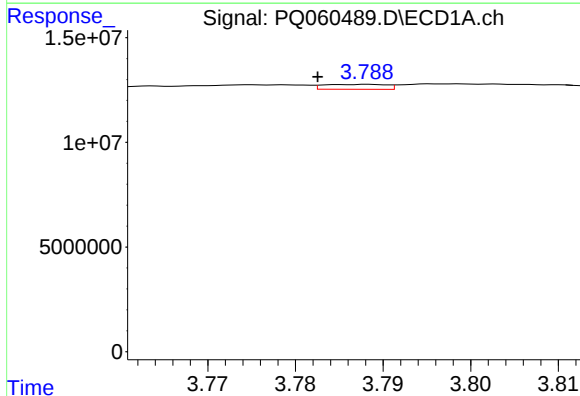
R.T.: 3.709 min
Delta R.T.: -0.005 min
Response: 10067225
Conc: 57.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



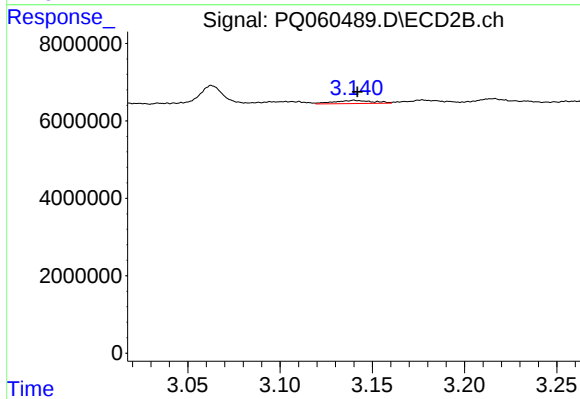
#9 AR-1221-2

R.T.: 3.063 min
Delta R.T.: -0.011 min
Response: 5242959
Conc: 62.98 ng/ml



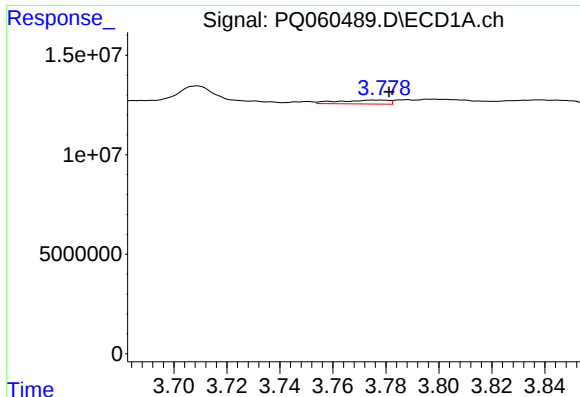
#10 AR-1221-3

R.T.: 3.788 min
Delta R.T.: 0.005 min
Response: 1152437
Conc: 2.20 ng/ml



#10 AR-1221-3

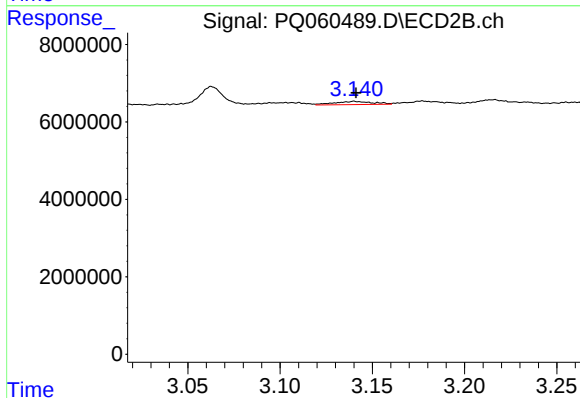
R.T.: 3.140 min
Delta R.T.: -0.002 min
Response: 1189504
Conc: 4.60 ng/ml



#11 AR-1232-1

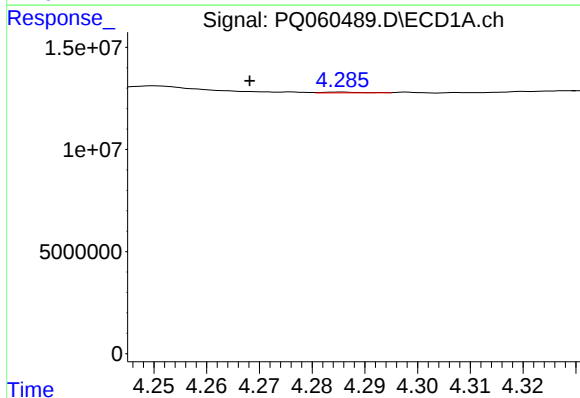
R.T.: 3.776 min
Delta R.T.: -0.005 min
Response: 2561446
Conc: 4.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



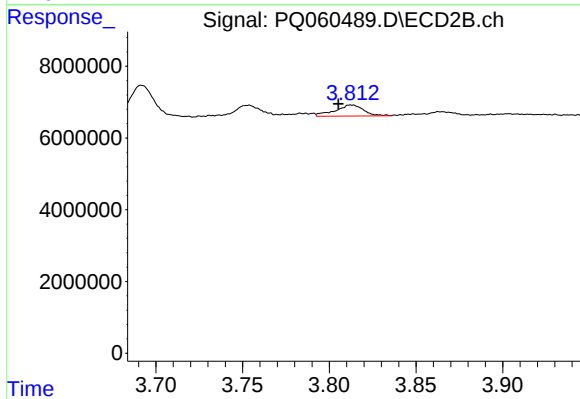
#11 AR-1232-1

R.T.: 3.140 min
Delta R.T.: 0.000 min
Response: 1189504
Conc: 4.44 ng/ml



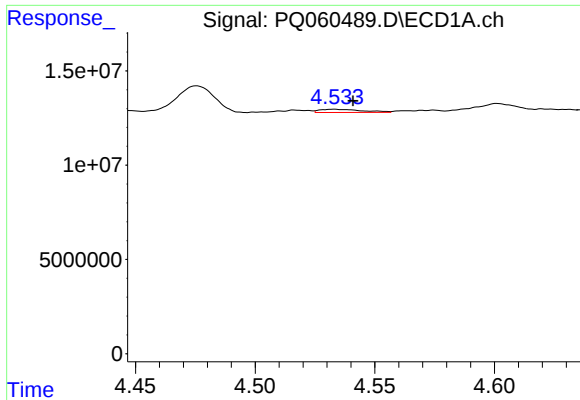
#12 AR-1232-2

R.T.: 4.285 min
Delta R.T.: 0.017 min
Response: 209085
Conc: 0.78 ng/ml



#12 AR-1232-2

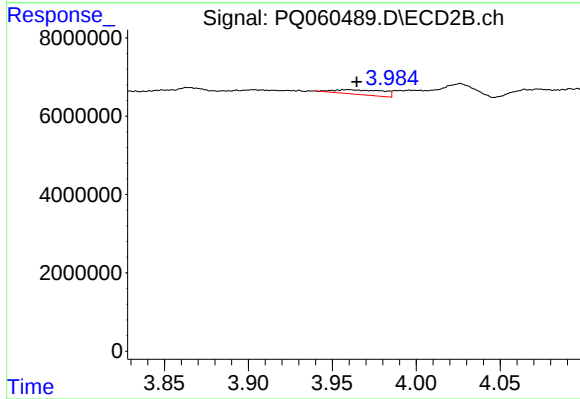
R.T.: 3.813 min
Delta R.T.: 0.008 min
Response: 3580568
Conc: 13.33 ng/ml



#13 AR-1232-3

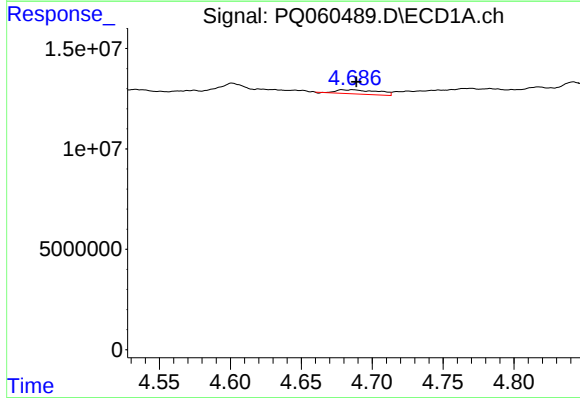
R.T.: 4.533 min
Delta R.T.: -0.008 min
Response: 2060531
Conc: 3.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



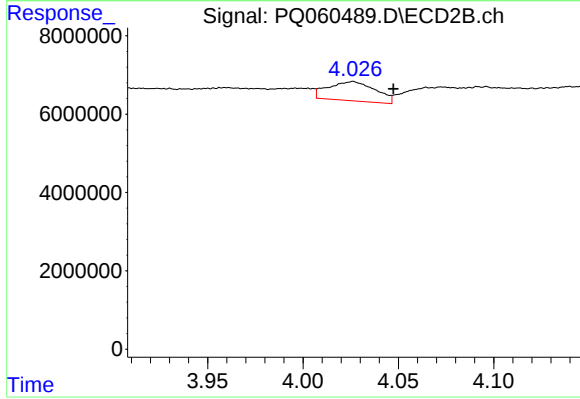
#13 AR-1232-3

R.T.: 3.960 min
Delta R.T.: -0.005 min
Response: 2425205
Conc: 17.41 ng/ml



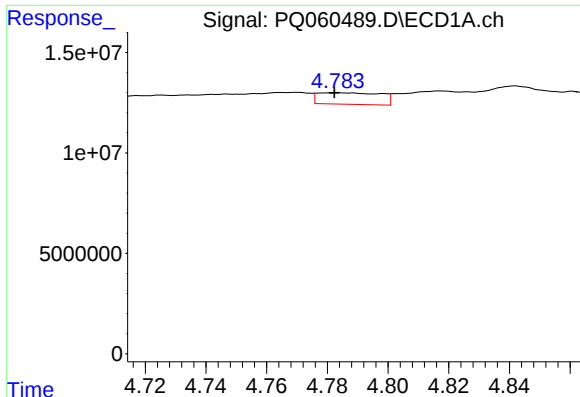
#14 AR-1232-4

R.T.: 4.679 min
Delta R.T.: -0.010 min
Response: 4173580
Conc: 15.45 ng/ml



#14 AR-1232-4

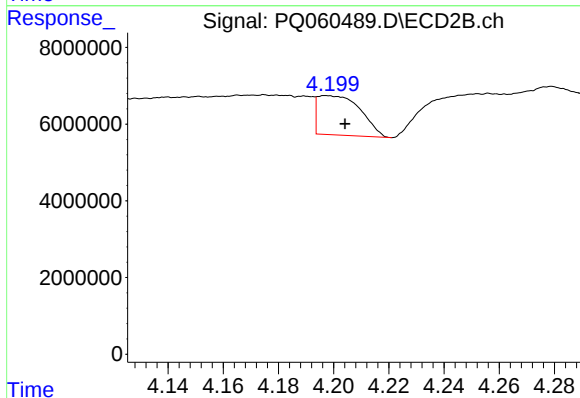
R.T.: 4.026 min
Delta R.T.: -0.021 min
Response: 8442912
Conc: 71.14 ng/ml



#15 AR-1232-5

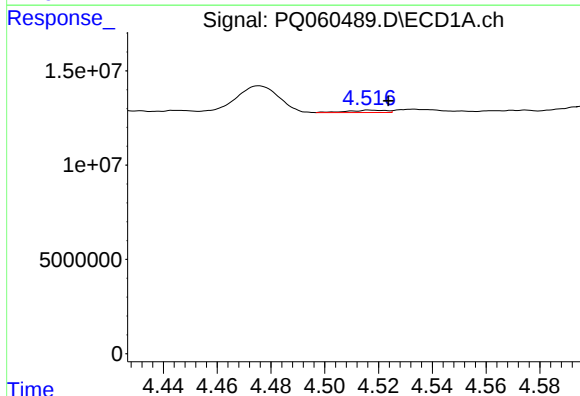
R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 8292366
Conc: 44.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



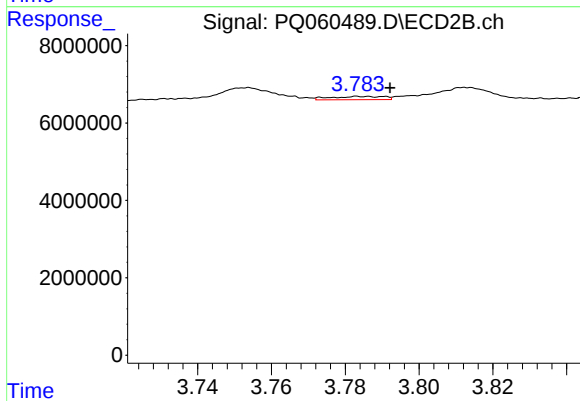
#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: -0.007 min
Response: 11134425
Conc: 81.71 ng/ml



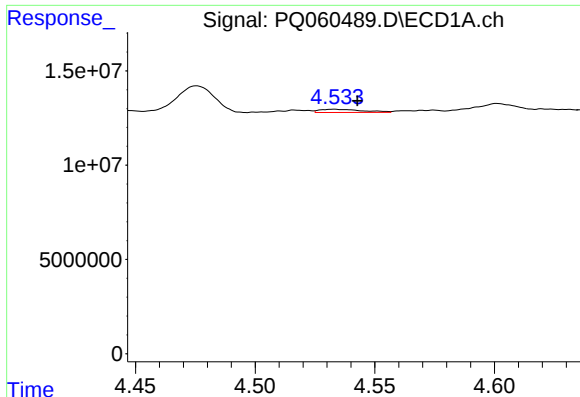
#16 AR-1242-1

R.T.: 4.517 min
Delta R.T.: -0.007 min
Response: 1198659
Conc: 1.94 ng/ml



#16 AR-1242-1

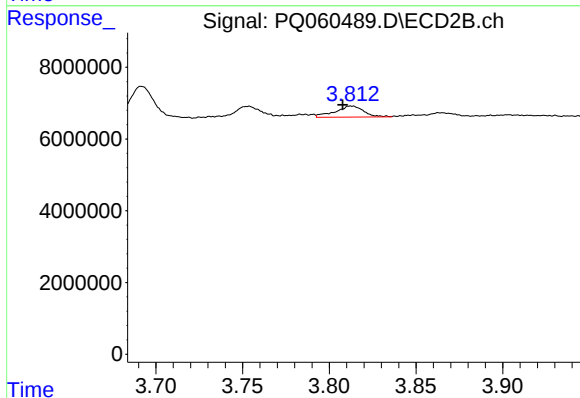
R.T.: 3.784 min
Delta R.T.: -0.008 min
Response: 854047
Conc: 2.66 ng/ml



#17 AR-1242-2

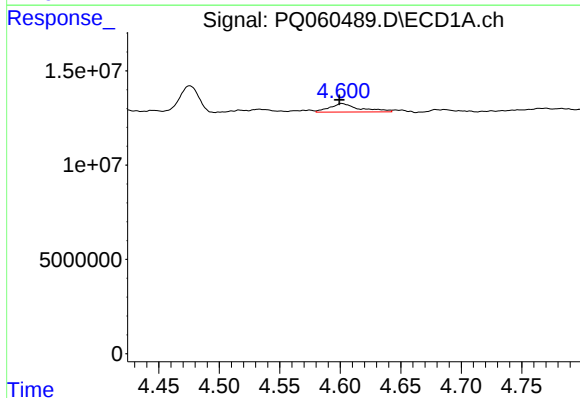
R.T.: 4.533 min
Delta R.T.: -0.010 min
Response: 2060531
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



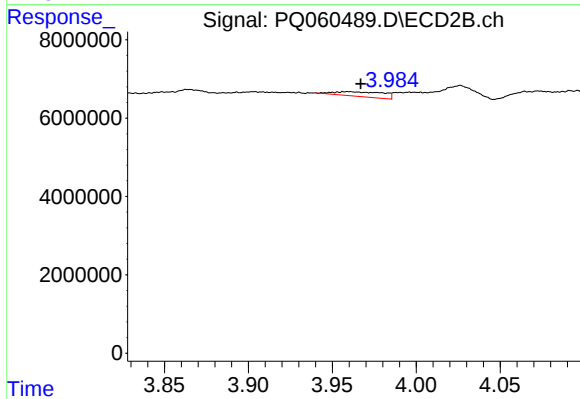
#17 AR-1242-2

R.T.: 3.813 min
Delta R.T.: 0.005 min
Response: 3580568
Conc: 7.47 ng/ml



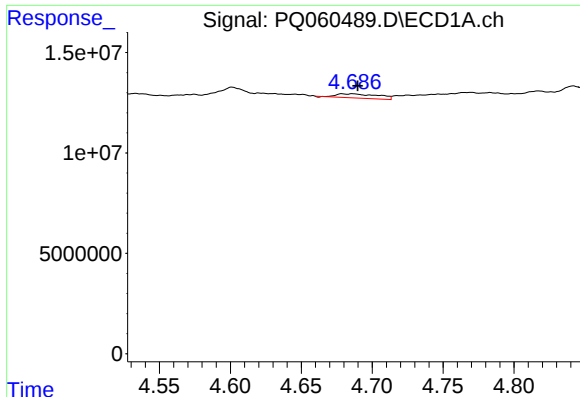
#18 AR-1242-3

R.T.: 4.601 min
Delta R.T.: 0.002 min
Response: 7872026
Conc: 13.63 ng/ml



#18 AR-1242-3

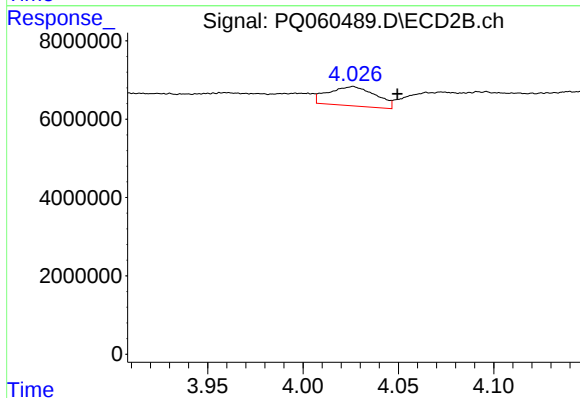
R.T.: 3.960 min
Delta R.T.: -0.007 min
Response: 2425205
Conc: 9.35 ng/ml



#19 AR-1242-4

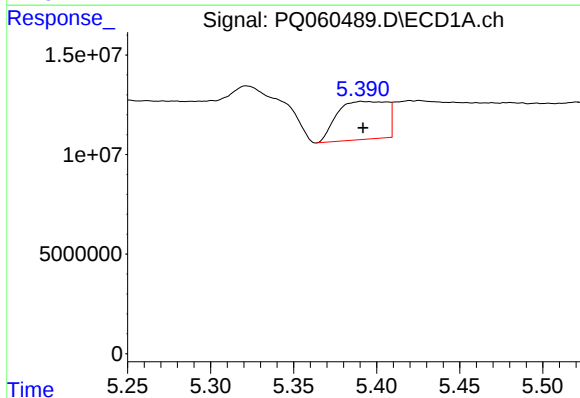
R.T.: 4.679 min
Delta R.T.: -0.011 min
Response: 4173580
Conc: 8.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



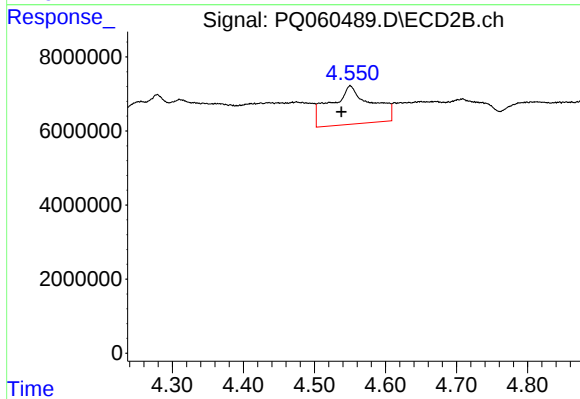
#19 AR-1242-4

R.T.: 4.026 min
Delta R.T.: -0.023 min
Response: 8442912
Conc: 35.27 ng/ml



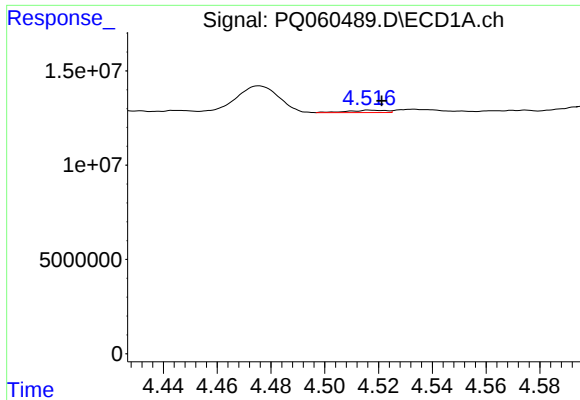
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 39953406
Conc: 80.11 ng/ml



#20 AR-1242-5

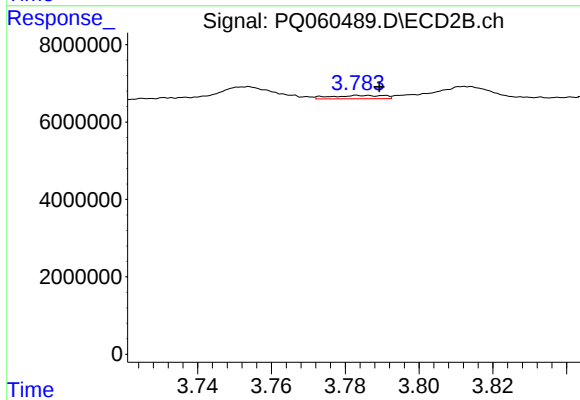
R.T.: 4.550 min
Delta R.T.: 0.013 min
Response: 41173173
Conc: 133.35 ng/ml



#21 AR-1248-1

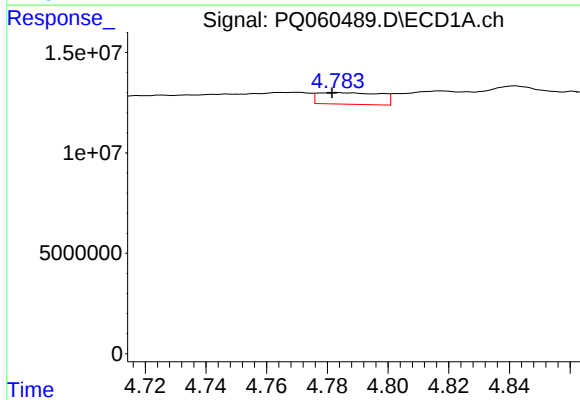
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 1198659
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



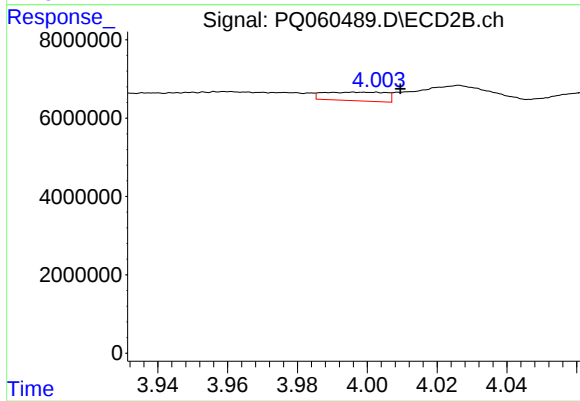
#21 AR-1248-1

R.T.: 3.784 min
Delta R.T.: -0.005 min
Response: 854047
Conc: 3.49 ng/ml



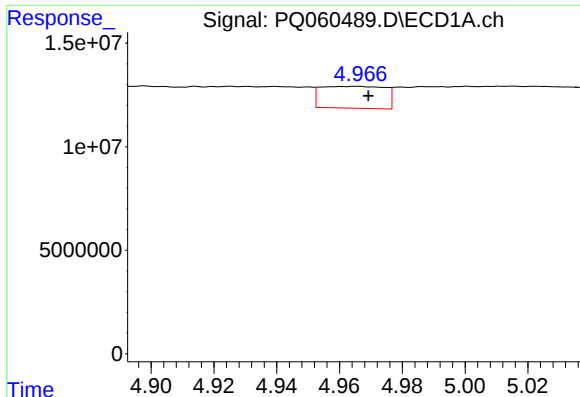
#22 AR-1248-2

R.T.: 4.783 min
Delta R.T.: 0.001 min
Response: 8292366
Conc: 13.33 ng/ml



#22 AR-1248-2

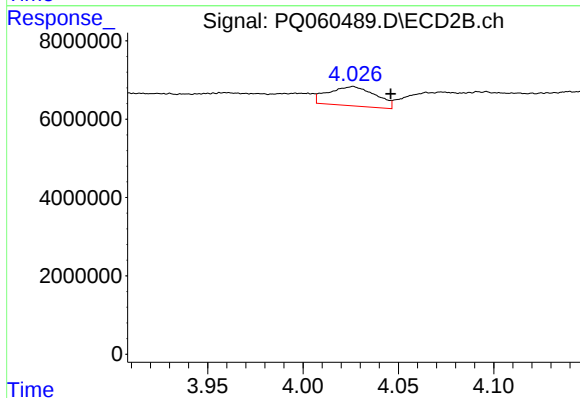
R.T.: 3.996 min
Delta R.T.: -0.013 min
Response: 2703318
Conc: 7.85 ng/ml



#23 AR-1248-3

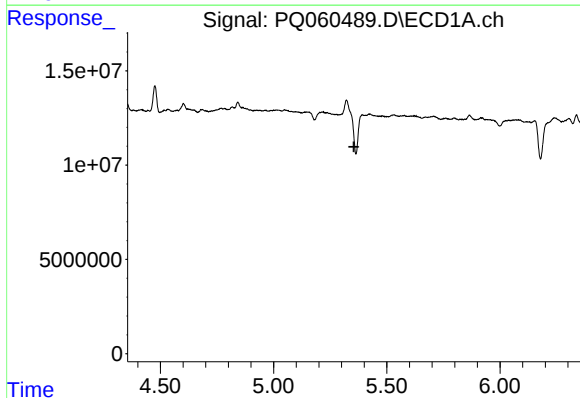
R.T.: 4.966 min
Delta R.T.: -0.003 min
Response: 14965852
Conc: 19.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



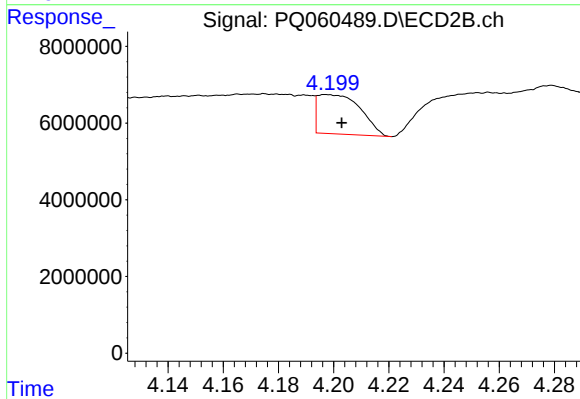
#23 AR-1248-3

R.T.: 4.026 min
Delta R.T.: -0.020 min
Response: 8442912
Conc: 24.22 ng/ml



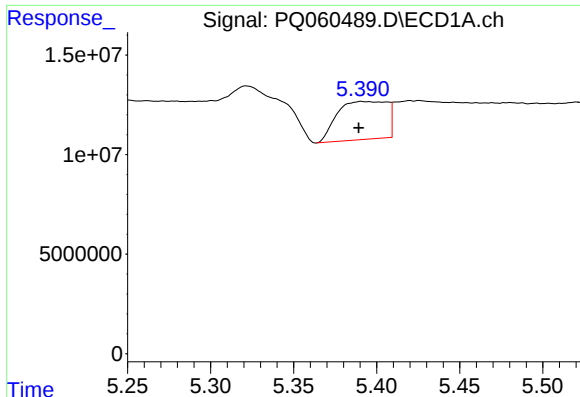
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.355 min
Response: 0
Conc: N.D.



#24 AR-1248-4

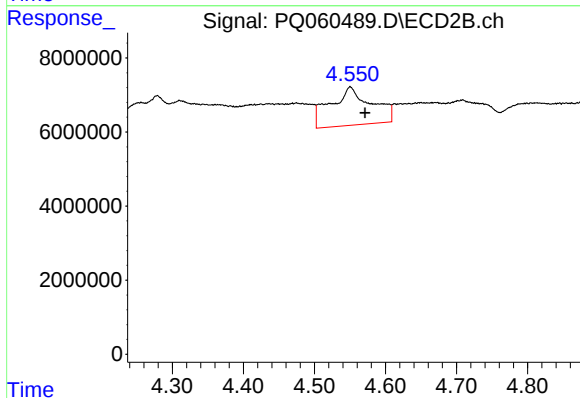
R.T.: 4.197 min
Delta R.T.: -0.006 min
Response: 11134425
Conc: 26.31 ng/ml



#25 AR-1248-5

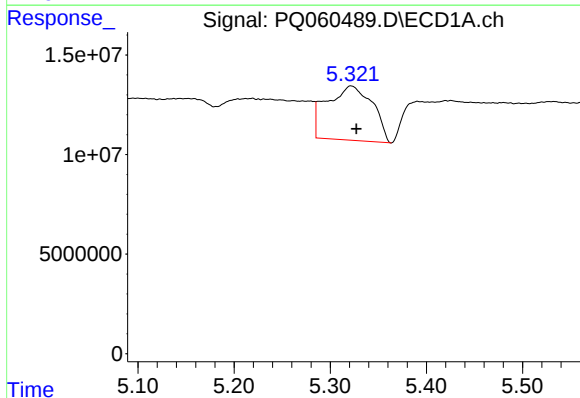
R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 39953406
Conc: 47.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



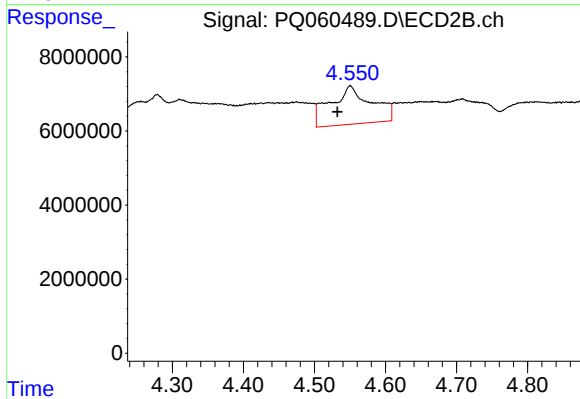
#25 AR-1248-5

R.T.: 4.550 min
Delta R.T.: -0.021 min
Response: 41173173
Conc: 96.73 ng/ml



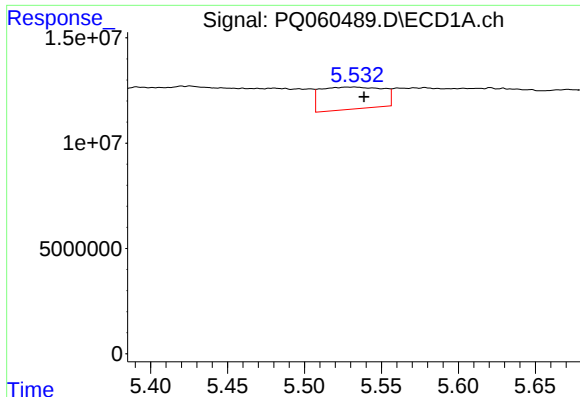
#26 AR-1254-1

R.T.: 5.322 min
Delta R.T.: -0.006 min
Response: 89772735
Conc: 107.32 ng/ml



#26 AR-1254-1

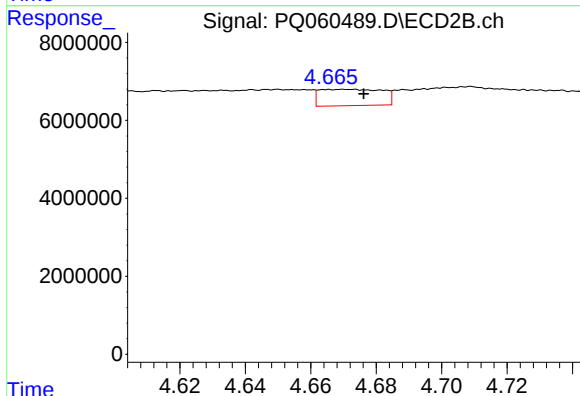
R.T.: 4.550 min
Delta R.T.: 0.018 min
Response: 41173173
Conc: 63.59 ng/ml



#27 AR-1254-2

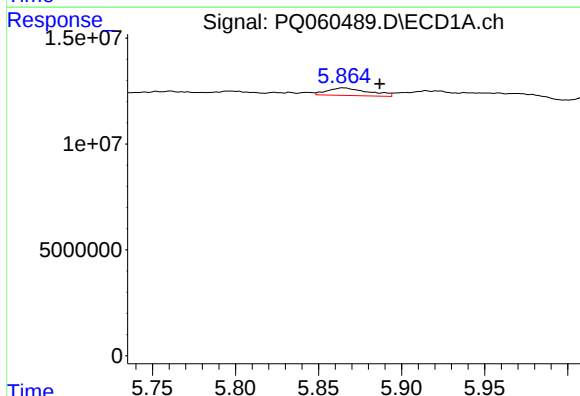
R.T.: 5.533 min
Delta R.T.: -0.006 min
Response: 29470323
Conc: 23.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



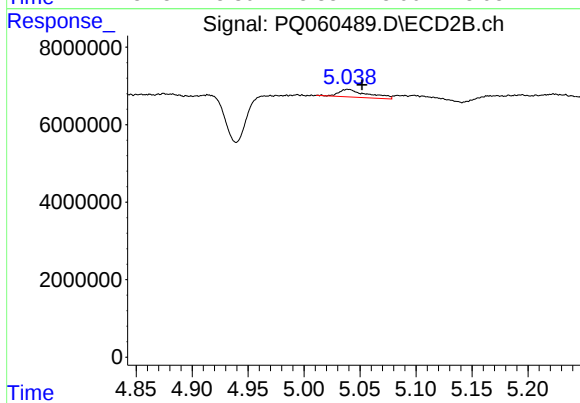
#27 AR-1254-2

R.T.: 4.671 min
Delta R.T.: -0.005 min
Response: 5575934
Conc: 10.12 ng/ml



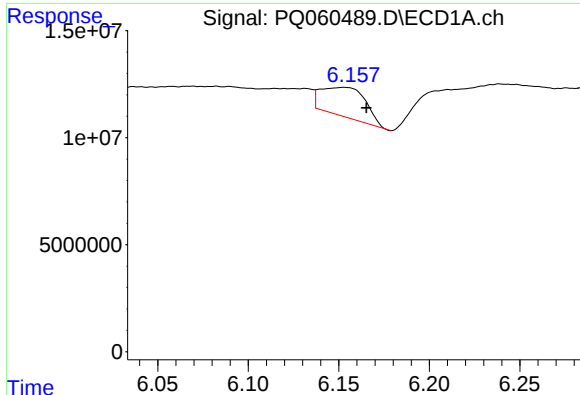
#28 AR-1254-3

R.T.: 5.865 min
Delta R.T.: -0.022 min
Response: 6078070
Conc: 4.47 ng/ml



#28 AR-1254-3

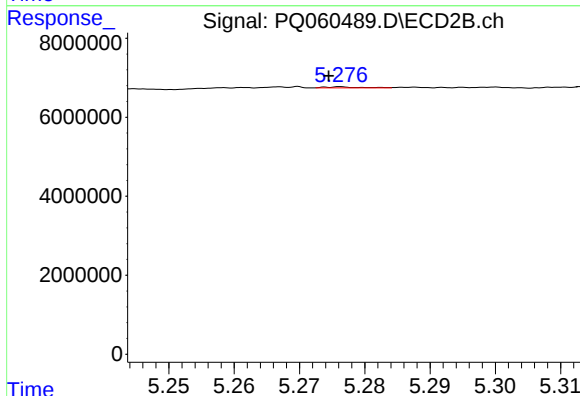
R.T.: 5.039 min
Delta R.T.: -0.012 min
Response: 3594804
Conc: 4.19 ng/ml



#29 AR-1254-4

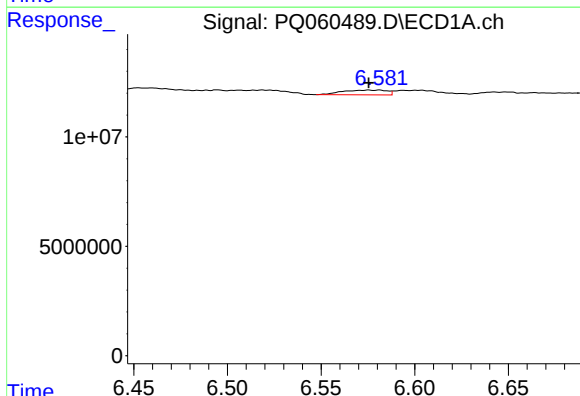
R.T.: 6.153 min
Delta R.T.: -0.013 min
Response: 23384273
Conc: 23.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



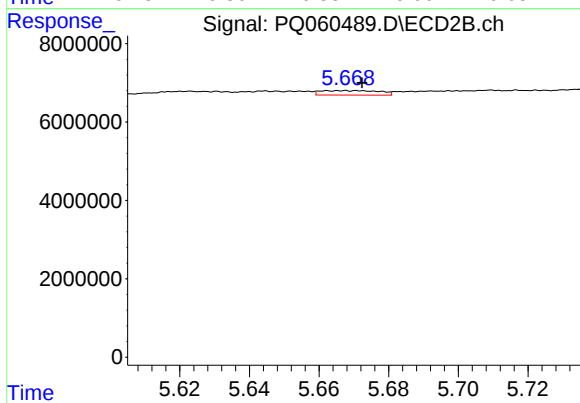
#29 AR-1254-4

R.T.: 5.276 min
Delta R.T.: 0.002 min
Response: 89513
Conc: 0.16 ng/ml



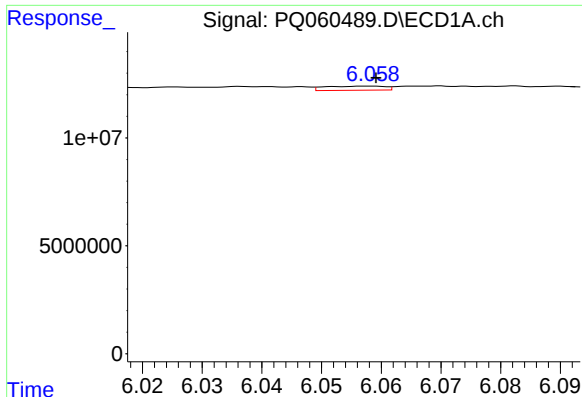
#30 AR-1254-5

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 3601188
Conc: 3.43 ng/ml



#30 AR-1254-5

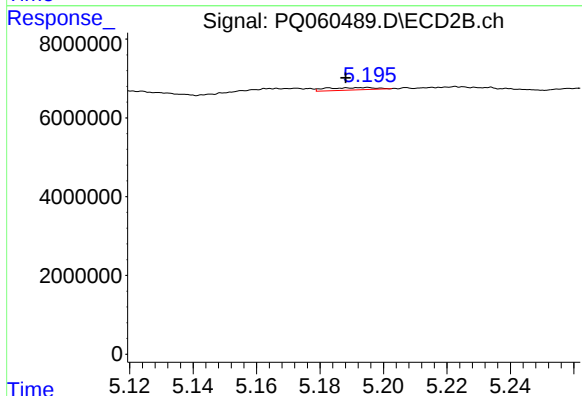
R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 1359702
Conc: 1.68 ng/ml



#31 AR-1260-1

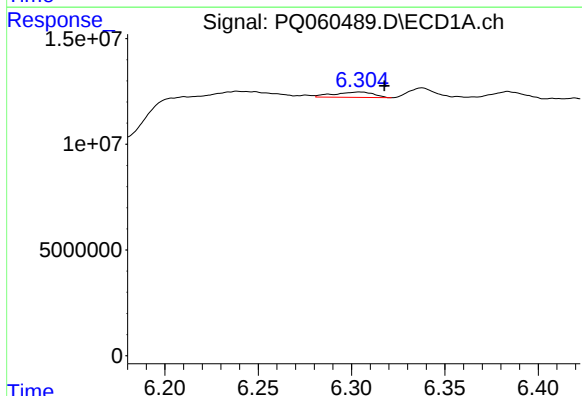
R.T.: 6.058 min
Delta R.T.: -0.001 min
Response: 1361338
Conc: 1.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



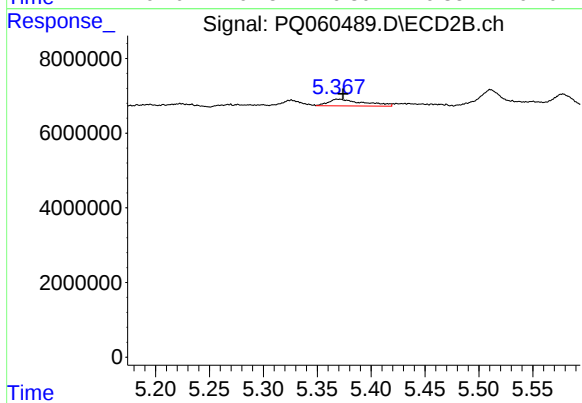
#31 AR-1260-1

R.T.: 5.194 min
Delta R.T.: 0.006 min
Response: 667851
Conc: 1.09 ng/ml



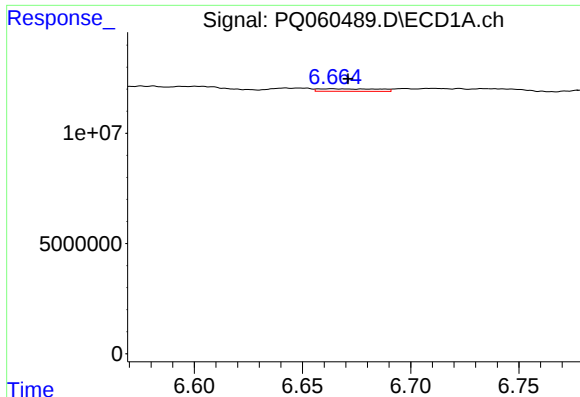
#32 AR-1260-2

R.T.: 6.305 min
Delta R.T.: -0.013 min
Response: 3742920
Conc: 3.02 ng/ml



#32 AR-1260-2

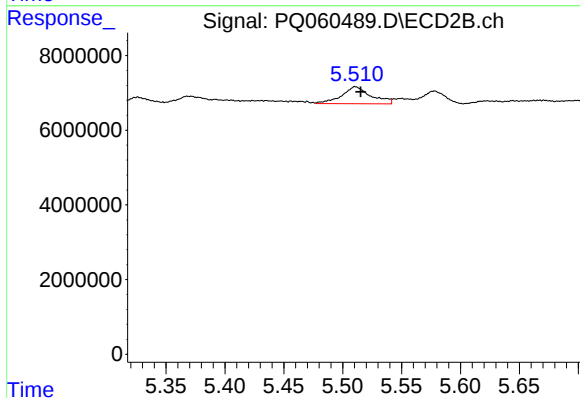
R.T.: 5.370 min
Delta R.T.: -0.005 min
Response: 4078239
Conc: 5.47 ng/ml



#33 AR-1260-3

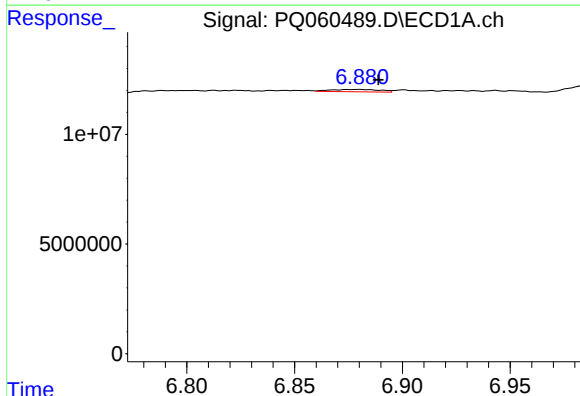
R.T.: 6.664 min
Delta R.T.: -0.007 min
Response: 2258044
Conc: 2.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



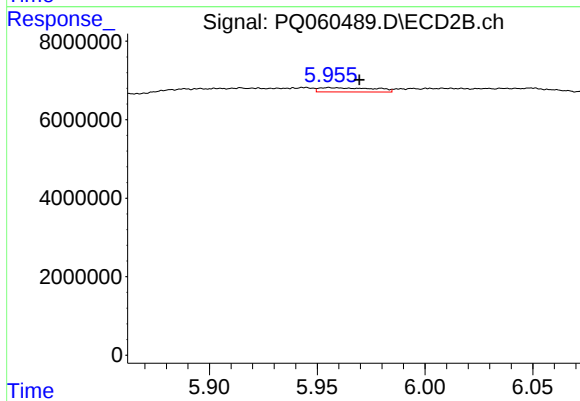
#33 AR-1260-3

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 7845429
Conc: 10.79 ng/ml



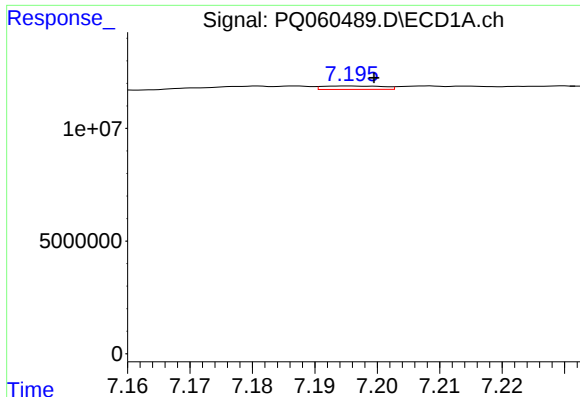
#34 AR-1260-4

R.T.: 6.880 min
Delta R.T.: -0.009 min
Response: 1720950
Conc: 1.75 ng/ml



#34 AR-1260-4

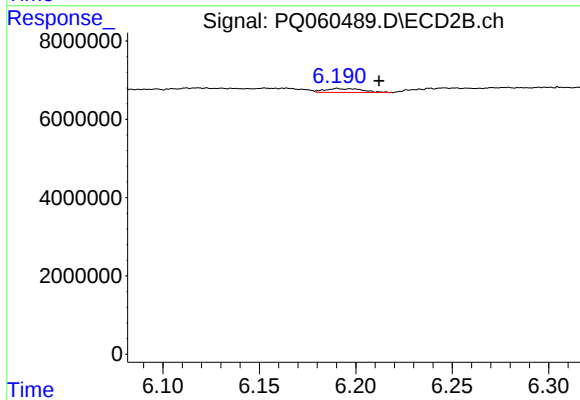
R.T.: 5.956 min
Delta R.T.: -0.014 min
Response: 1956084
Conc: 3.32 ng/ml



#35 AR-1260-5

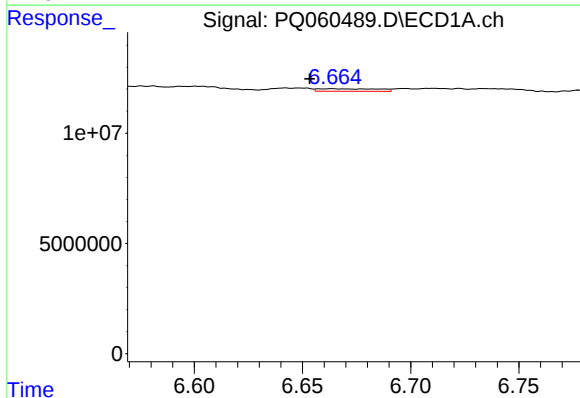
R.T.: 7.195 min
Delta R.T.: -0.004 min
Response: 1020102
Conc: 0.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



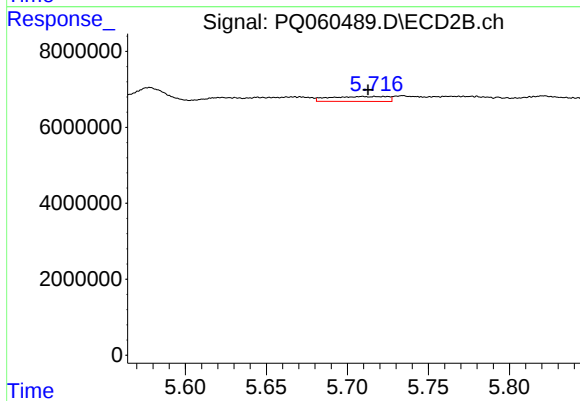
#35 AR-1260-5

R.T.: 6.191 min
Delta R.T.: -0.022 min
Response: 1280112
Conc: 0.93 ng/ml



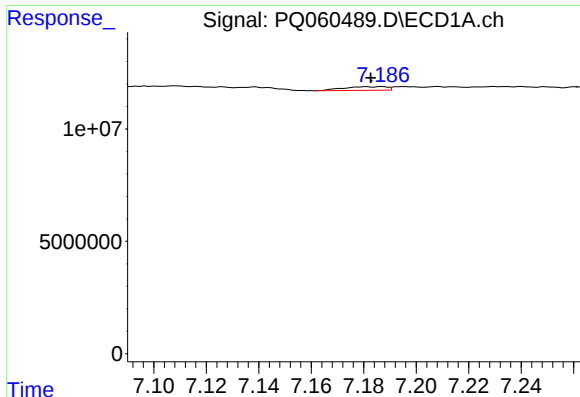
#36 AR-1262-1

R.T.: 6.664 min
Delta R.T.: 0.010 min
Response: 2258044
Conc: 1.96 ng/ml



#36 AR-1262-1

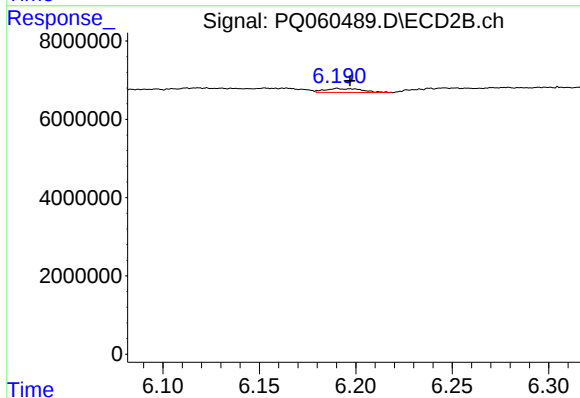
R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 3209347
Conc: 4.10 ng/ml



#37 AR-1262-2

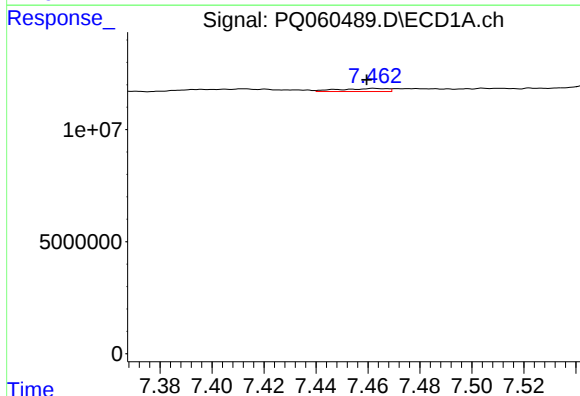
R.T.: 7.187 min
Delta R.T.: 0.004 min
Response: 1875718
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



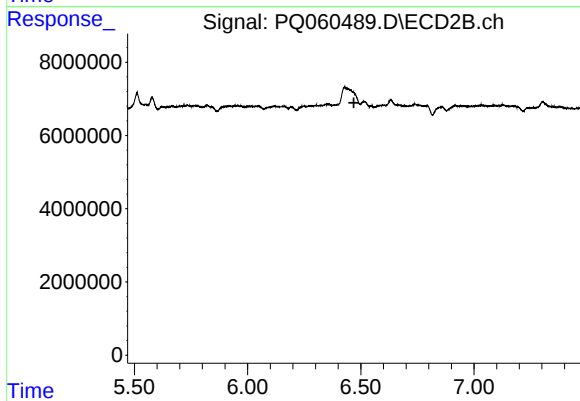
#37 AR-1262-2

R.T.: 6.191 min
Delta R.T.: -0.007 min
Response: 1280112
Conc: 0.90 ng/ml



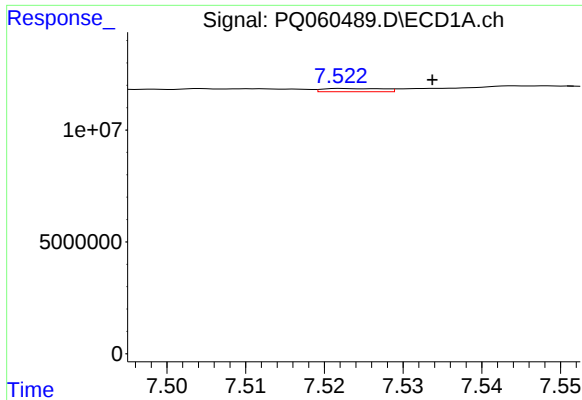
#38 AR-1262-3

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 1749401
Conc: 1.34 ng/ml



#38 AR-1262-3

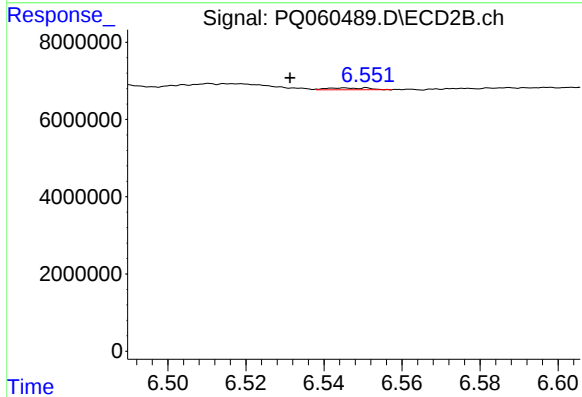
R.T.: 0.000 min
Exp R.T.: 6.469 min
Response: 0
Conc: N.D.



#39 AR-1262-4

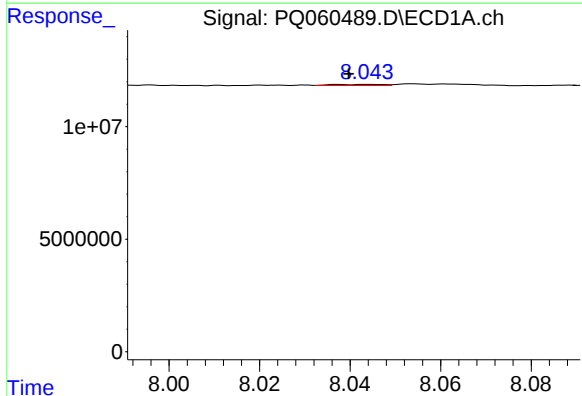
R.T.: 7.523 min
Delta R.T.: -0.011 min
Response: 785017
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



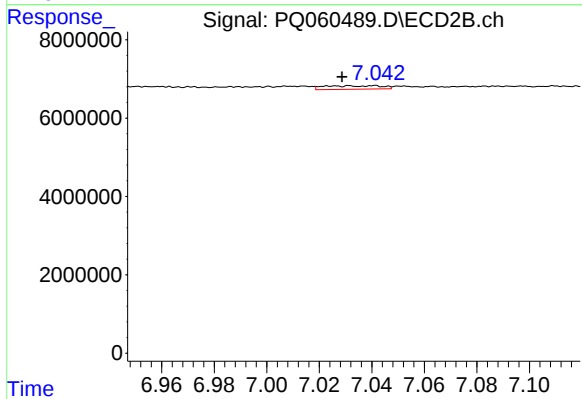
#39 AR-1262-4

R.T.: 6.550 min
Delta R.T.: 0.019 min
Response: 348943
Conc: 0.33 ng/ml



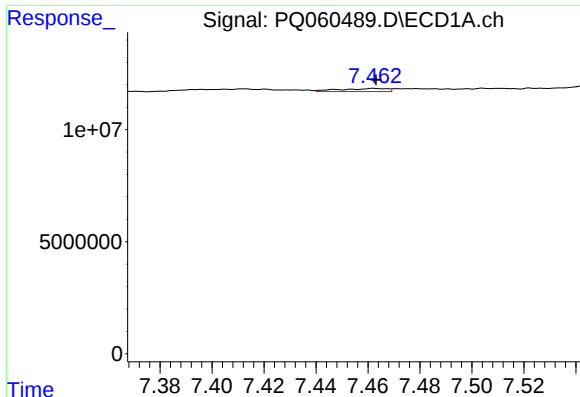
#40 AR-1262-5

R.T.: 8.044 min
Delta R.T.: 0.004 min
Response: 406368
Conc: 0.62 ng/ml



#40 AR-1262-5

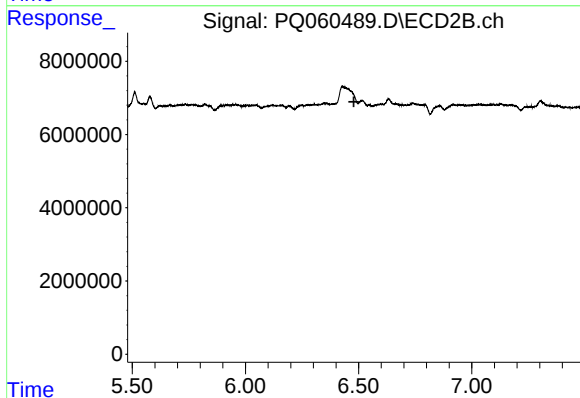
R.T.: 7.041 min
Delta R.T.: 0.012 min
Response: 1344625
Conc: 2.60 ng/ml



#41 AR-1268-1

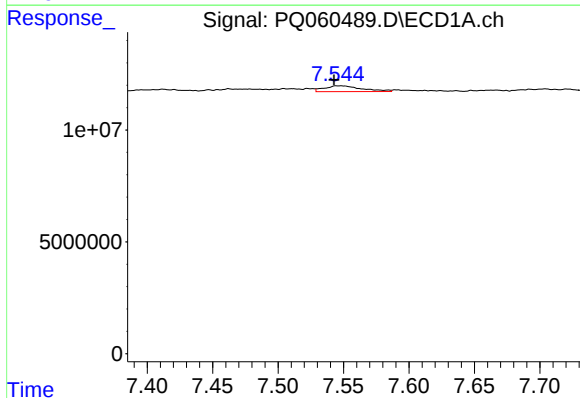
R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 1749401
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



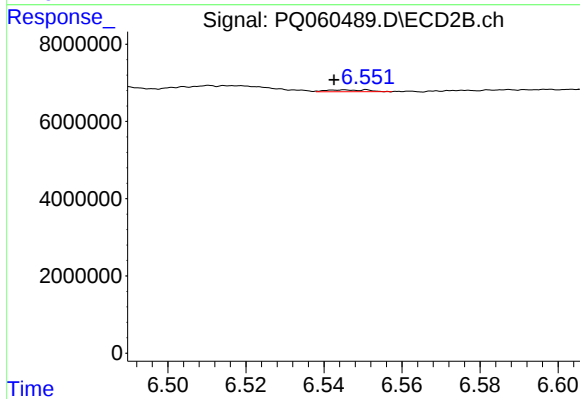
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.479 min
Response: 0
Conc: N.D.



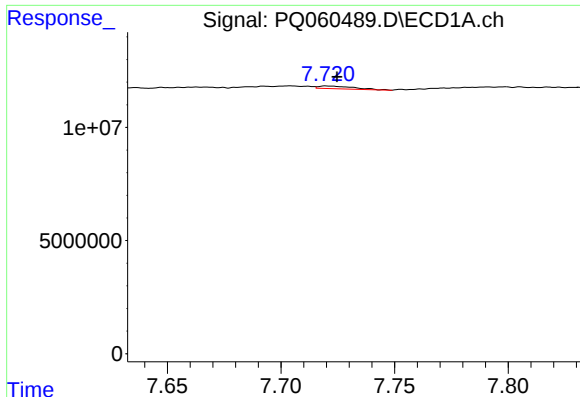
#42 AR-1268-2

R.T.: 7.546 min
Delta R.T.: 0.003 min
Response: 5217237
Conc: 2.46 ng/ml



#42 AR-1268-2

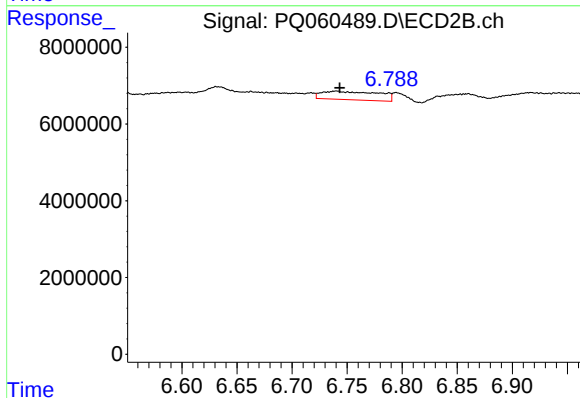
R.T.: 6.550 min
Delta R.T.: 0.008 min
Response: 348943
Conc: 0.22 ng/ml



#43 AR-1268-3

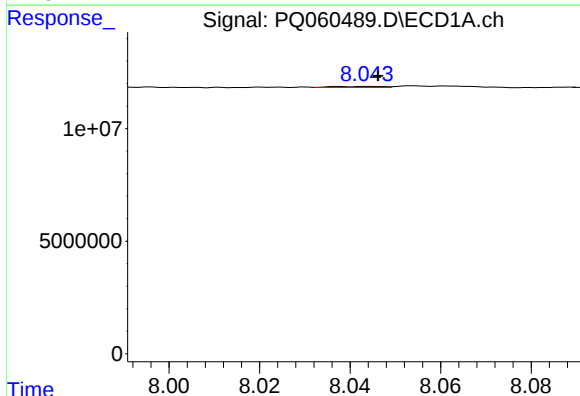
R.T.: 7.721 min
Delta R.T.: -0.004 min
Response: 1296295
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



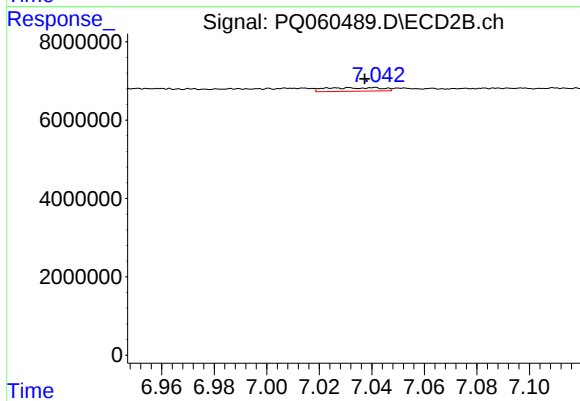
#43 AR-1268-3

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 7913500
Conc: 5.81 ng/ml



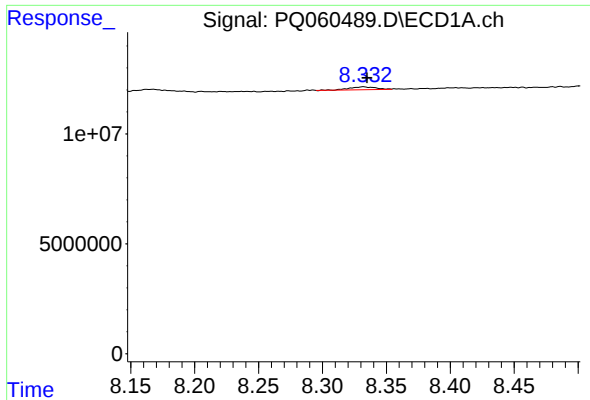
#44 AR-1268-4

R.T.: 8.044 min
Delta R.T.: -0.002 min
Response: 406368
Conc: 0.55 ng/ml



#44 AR-1268-4

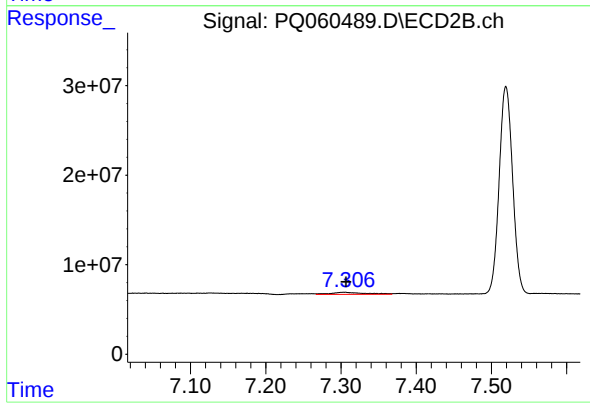
R.T.: 7.041 min
Delta R.T.: 0.003 min
Response: 1344625
Conc: 2.28 ng/ml



#45 AR-1268-5

R.T.: 8.332 min
Delta R.T.: -0.003 min
Response: 1854865
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.305 min
Delta R.T.: -0.002 min
Response: 7468512
Conc: 1.75 ng/ml