

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040323\
 Data File : PQ060787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2023 19:00
 Operator : YP\AJ
 Sample : 02155-04 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 21:55:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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...	3.406	2.764	12479195	7081433	1.590	1.802
2)	SA Decachlor...	8.586	7.545	6285884	4122780	1.114	0.875
Target Compounds							
3)	L1 AR-1016-1	4.470f	3.725f	347672	213927	1.250	1.494
5)	L1 AR-1016-3	0.000	3.994f	0	167122	N.D.	1.507 #
6)	L1 AR-1016-4	0.000	3.994	0	167122	N.D.	1.774 #
7)	L1 AR-1016-5	4.964	4.188	1692676	667476	7.606	5.662 #
8)	L2 AR-1221-1	3.604	3.011f	1455823	311273	14.599	6.394 #
9)	L2 AR-1221-2	3.675	3.011f	3306937	311273	43.919	8.379 #
10)	L2 AR-1221-3	3.770	3.113	2407689	280482	10.823	2.469 #
11)	L3 AR-1232-1	3.770	3.113	2407689	280482	14.087	3.240 #
12)	L3 AR-1232-2	4.286f	0.000	250665	0	2.529	N.D. #
13)	L3 AR-1232-3	0.000	3.994f	0	167122	N.D.	3.349 #
14)	L3 AR-1232-4	0.000	4.030	0	205973	N.D.	4.837 #
15)	L3 AR-1232-5	4.773	4.188	213786	667476	3.148	12.979 #
16)	L4 AR-1242-1	4.470f	3.725f	347672	213927	1.641	1.921
18)	L4 AR-1242-3	0.000	3.994f	0	167122	N.D.	1.976 #
19)	L4 AR-1242-4	0.000	4.030	0	205973	N.D.	2.488 #
20)	L4 AR-1242-5	5.389	4.526	525192	977978	3.102	8.574 #
21)	L5 AR-1248-1	4.470f	3.725f	347672	213927	2.059	2.425
22)	L5 AR-1248-2	4.773	3.994	213786	167122	0.934	1.282 #
23)	L5 AR-1248-3	4.964	4.030	1692676	205973	6.041	1.641 #
24)	L5 AR-1248-4	5.356	4.188	1202179	667476	3.862	4.284
25)	L5 AR-1248-5	5.389	4.557	525192	464359	1.752	3.027 #
26)	L6 AR-1254-1	5.328	4.526	1366686	977978	4.294	4.214
27)	L6 AR-1254-2	5.545	4.672	3198966	910541	6.495	4.338 #
28)	L6 AR-1254-3	5.898	5.053	2183624	3434325	4.319	10.403 #
29)	L6 AR-1254-4	6.184	5.281	2481924	1508796	6.628	7.208
30)	L6 AR-1254-5	6.596	5.687	2092318	1617779	4.948	4.946
31)	L7 AR-1260-1	6.063	5.182	937117	1082591	2.437	4.673 #
32)	L7 AR-1260-2	6.323	5.372	2892306	950542	6.315	3.317 #
33)	L7 AR-1260-3	0.000	5.517	0	1958568	N.D.	7.185 #
34)	L7 AR-1260-4	6.873	6.007f	1126633	397404	3.272	1.965 #
35)	L7 AR-1260-5	7.197	6.224	1516509	531779	2.320	1.149 #
36)	L8 AR-1262-1	0.000	5.687f	0	1617779	N.D.	5.093 #
37)	L8 AR-1262-2	7.197	6.224	1516509	531779	1.940	0.912 #
38)	L8 AR-1262-3	7.475	6.473f	600211	173254	1.140	0.729 #
39)	L8 AR-1262-4	7.538	6.539f	661252	48404	1.605	0.109 #
40)	L8 AR-1262-5	8.016f	7.023f	1038650	698063	3.840	3.300
41)	L9 AR-1268-1	7.475	6.473f	600211	173254	0.690	0.258 #
42)	L9 AR-1268-2	7.538	6.539f	661252	48404	0.834	0.078 #
43)	L9 AR-1268-3	7.743	0.000	343930	0	0.518	N.D. #

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Volume Inj. : 2 µl
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 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	8.016f	7.023f	1038650	698063	3.522	2.994

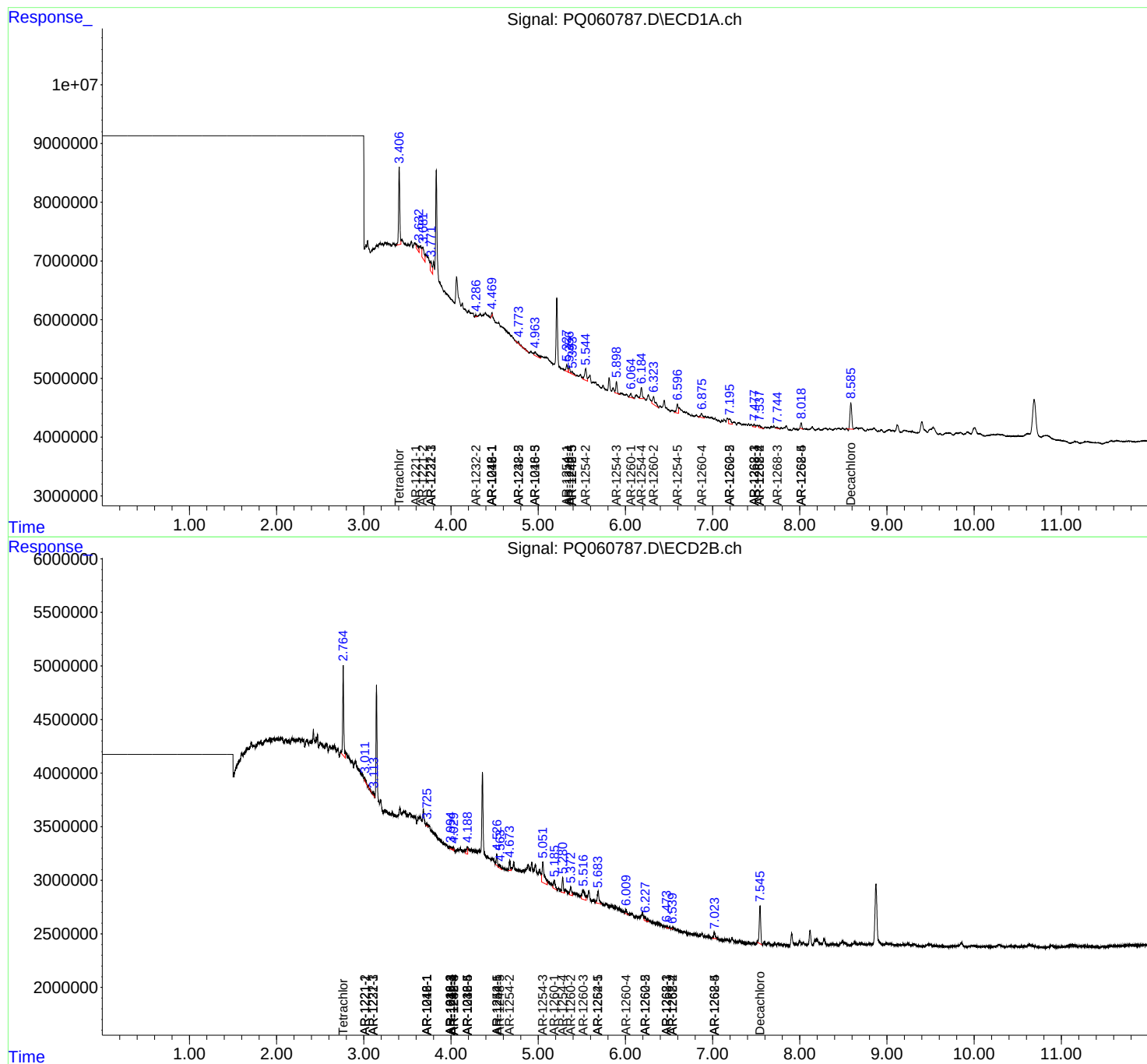
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

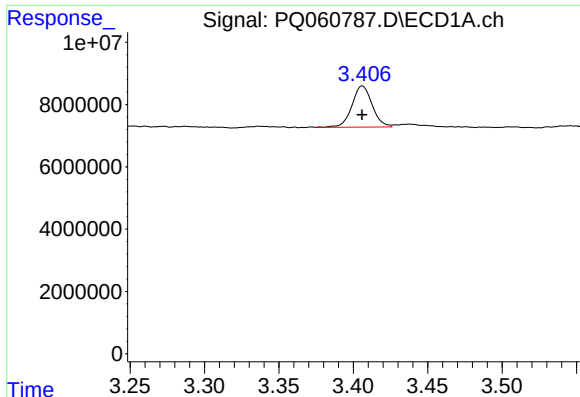
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040323\
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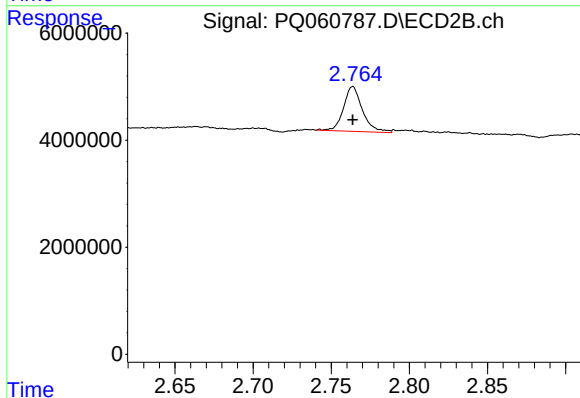




#1 Tetrachloro-m-xylene

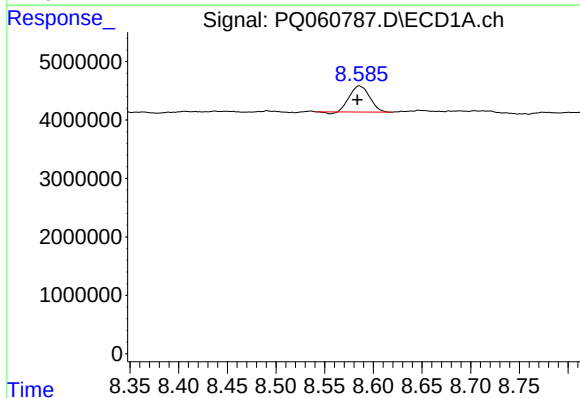
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 12479195
Conc: 1.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



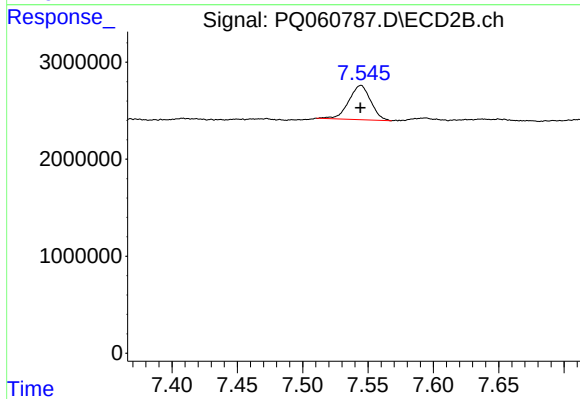
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.000 min
Response: 7081433
Conc: 1.80 ng/ml



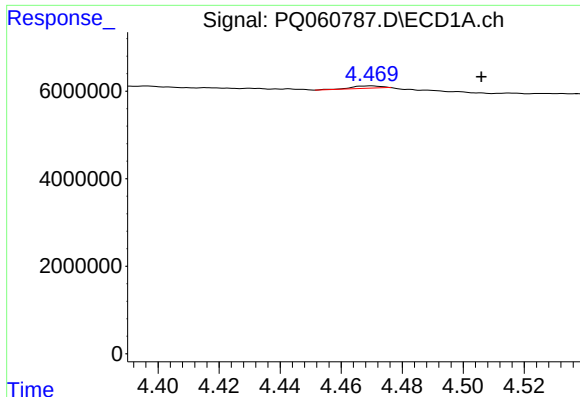
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 6285884
Conc: 1.11 ng/ml



#2 Decachlorobiphenyl

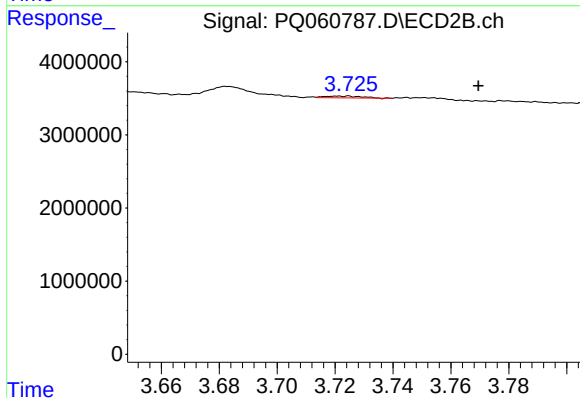
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 4122780
Conc: 0.87 ng/ml



#3 AR-1016-1

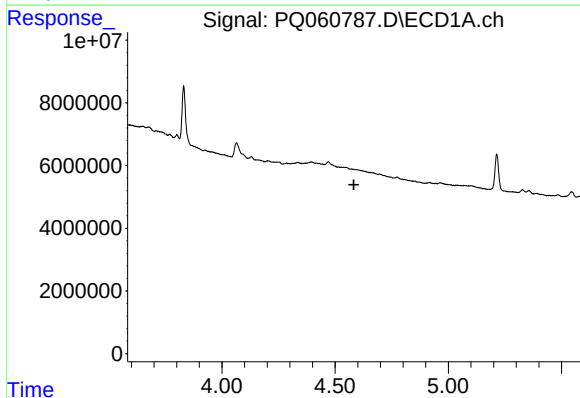
R.T.: 4.470 min
Delta R.T.: -0.036 min
Response: 347672
Conc: 1.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



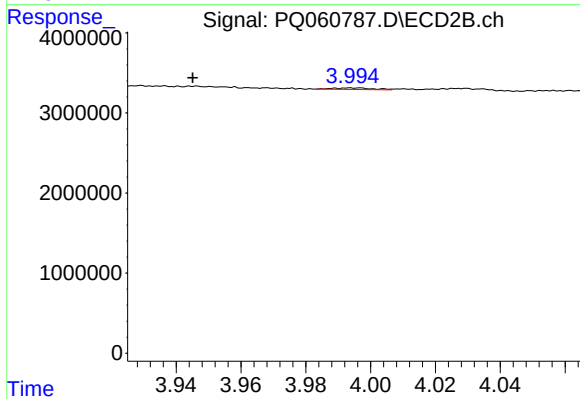
#3 AR-1016-1

R.T.: 3.725 min
Delta R.T.: -0.045 min
Response: 213927
Conc: 1.49 ng/ml



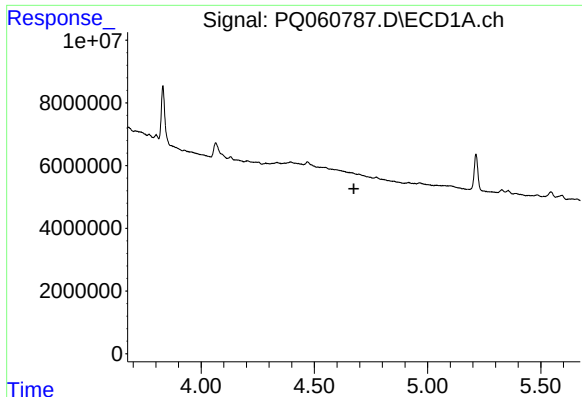
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#5 AR-1016-3

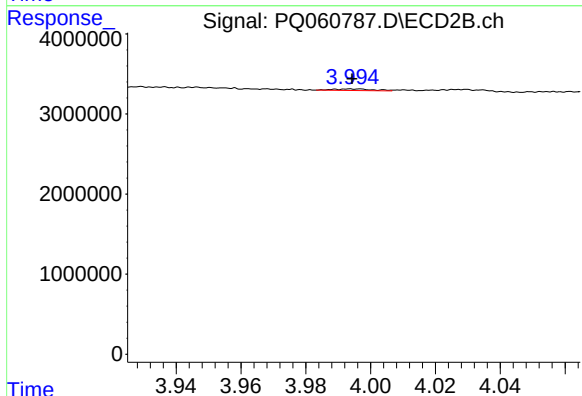
R.T.: 3.994 min
Delta R.T.: 0.049 min
Response: 167122
Conc: 1.51 ng/ml



#6 AR-1016-4

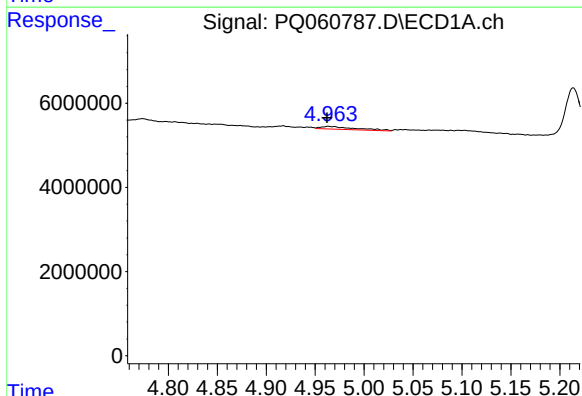
R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



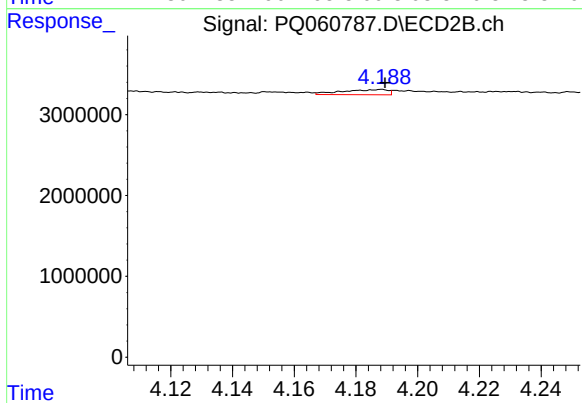
#6 AR-1016-4

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 167122
Conc: 1.77 ng/ml



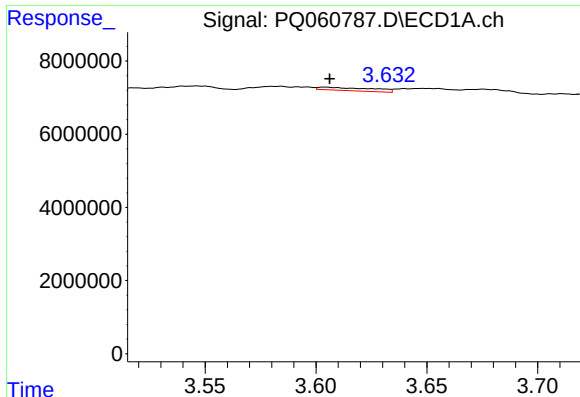
#7 AR-1016-5

R.T.: 4.964 min
Delta R.T.: 0.002 min
Response: 1692676
Conc: 7.61 ng/ml



#7 AR-1016-5

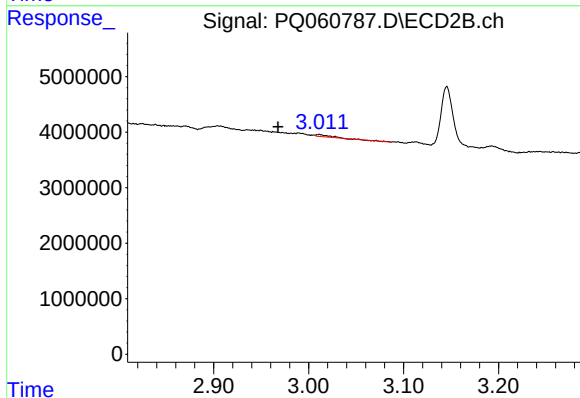
R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 667476
Conc: 5.66 ng/ml



#8 AR-1221-1

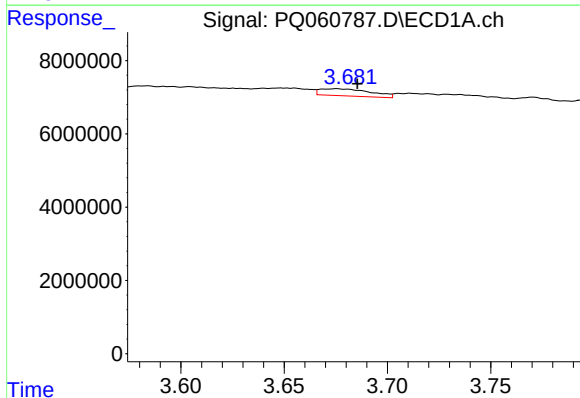
R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 1455823
Conc: 14.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



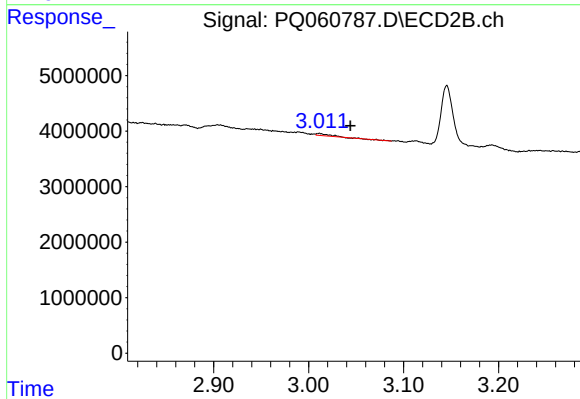
#8 AR-1221-1

R.T.: 3.011 min
Delta R.T.: 0.043 min
Response: 311273
Conc: 6.39 ng/ml



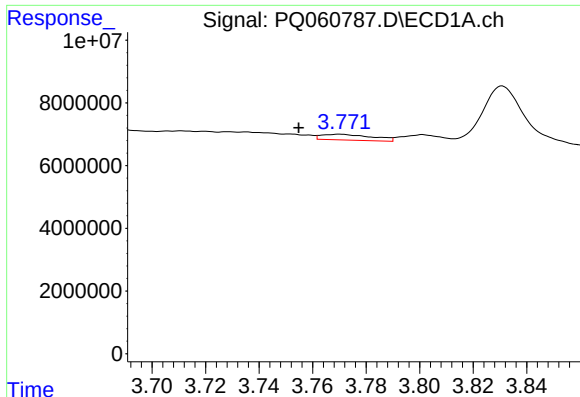
#9 AR-1221-2

R.T.: 3.675 min
Delta R.T.: -0.010 min
Response: 3306937
Conc: 43.92 ng/ml



#9 AR-1221-2

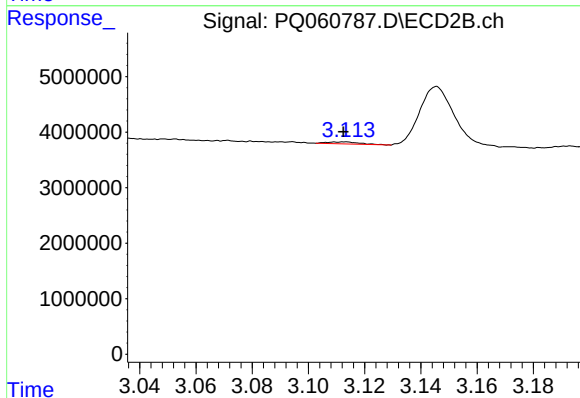
R.T.: 3.011 min
Delta R.T.: -0.033 min
Response: 311273
Conc: 8.38 ng/ml



#10 AR-1221-3

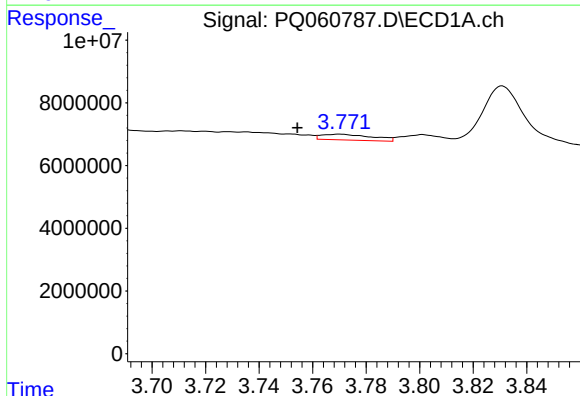
R.T.: 3.770 min
Delta R.T.: 0.016 min
Response: 2407689
Conc: 10.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



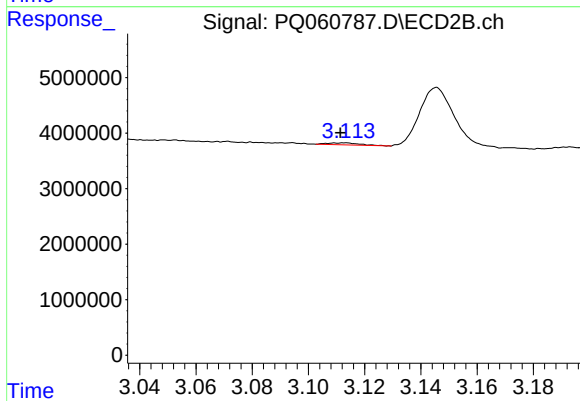
#10 AR-1221-3

R.T.: 3.113 min
Delta R.T.: 0.000 min
Response: 280482
Conc: 2.47 ng/ml



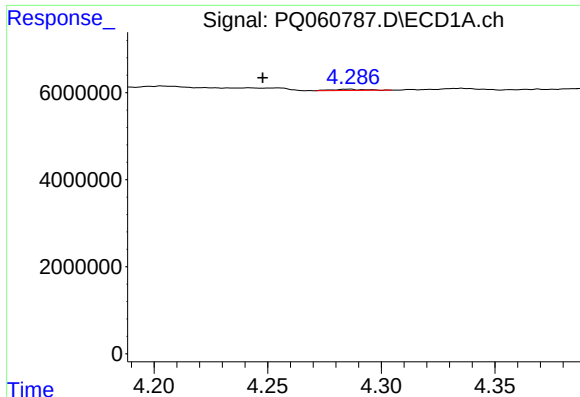
#11 AR-1232-1

R.T.: 3.770 min
Delta R.T.: 0.016 min
Response: 2407689
Conc: 14.09 ng/ml



#11 AR-1232-1

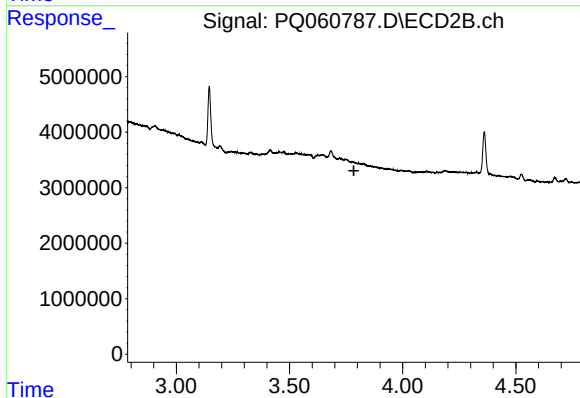
R.T.: 3.113 min
Delta R.T.: 0.002 min
Response: 280482
Conc: 3.24 ng/ml



#12 AR-1232-2

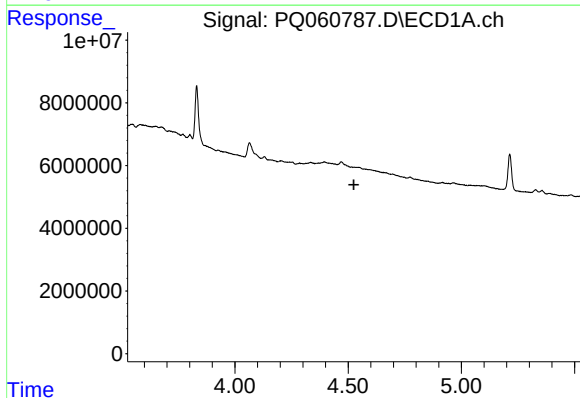
R.T.: 4.286 min
Delta R.T.: 0.038 min
Response: 250665
Conc: 2.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



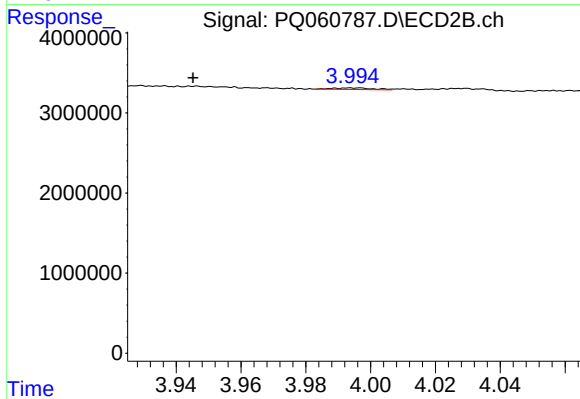
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 3.785 min
Response: 0
Conc: N.D.



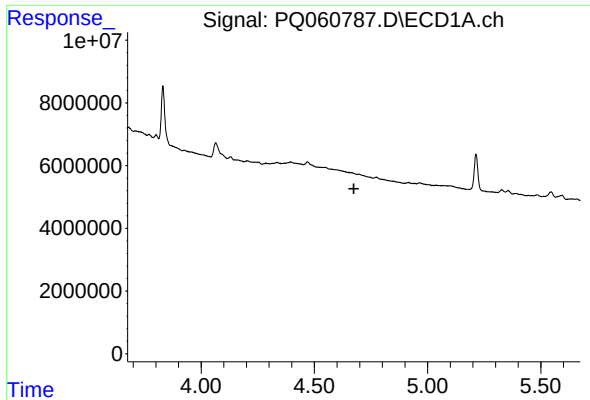
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.525 min
Response: 0
Conc: N.D.



#13 AR-1232-3

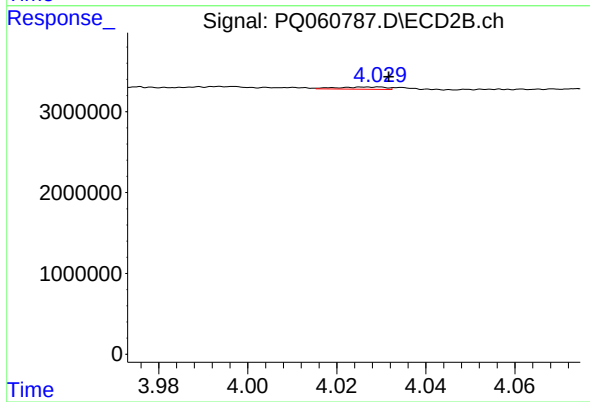
R.T.: 3.994 min
Delta R.T.: 0.048 min
Response: 167122
Conc: 3.35 ng/ml



#14 AR-1232-4

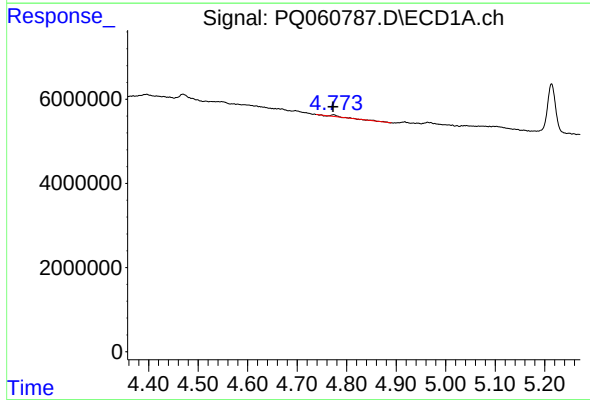
R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



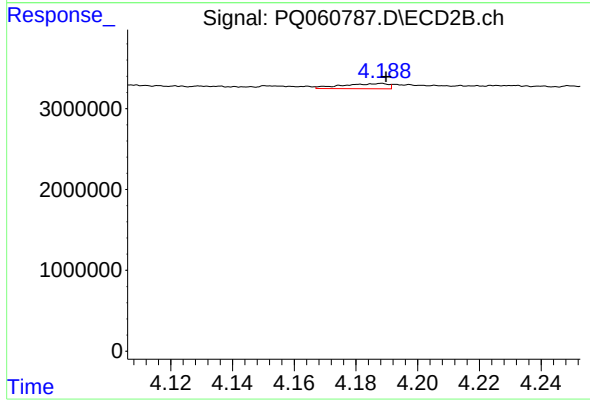
#14 AR-1232-4

R.T.: 4.030 min
Delta R.T.: -0.002 min
Response: 205973
Conc: 4.84 ng/ml



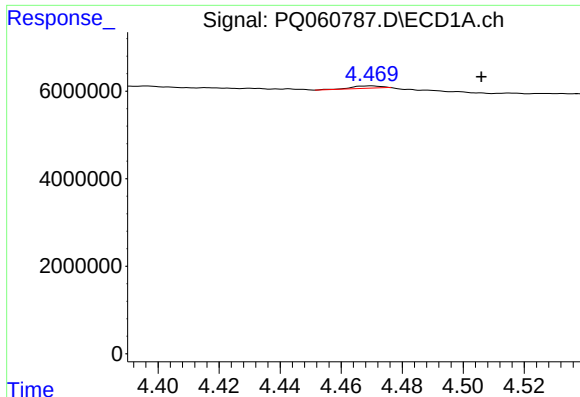
#15 AR-1232-5

R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 213786
Conc: 3.15 ng/ml



#15 AR-1232-5

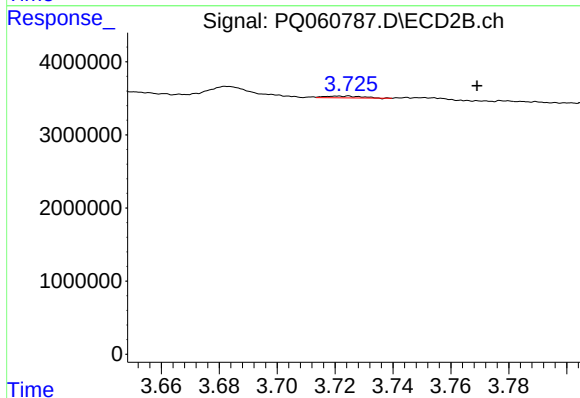
R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 667476
Conc: 12.98 ng/ml



#16 AR-1242-1

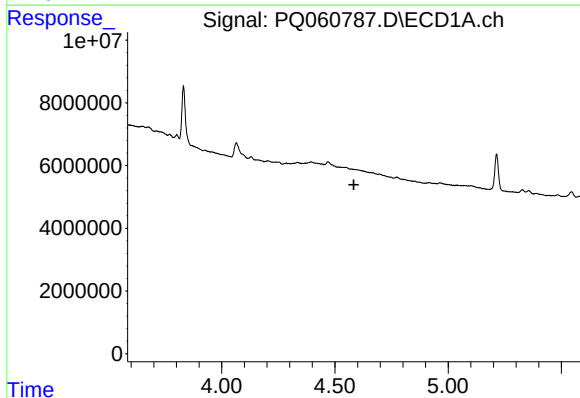
R.T.: 4.470 min
Delta R.T.: -0.036 min
Response: 347672
Conc: 1.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



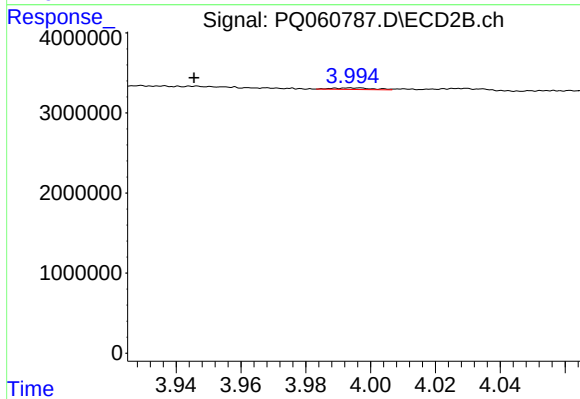
#16 AR-1242-1

R.T.: 3.725 min
Delta R.T.: -0.044 min
Response: 213927
Conc: 1.92 ng/ml



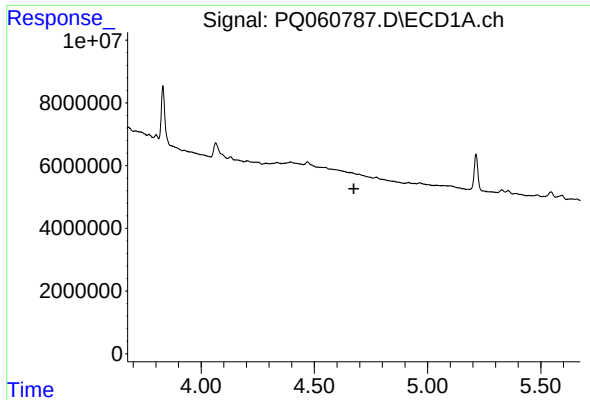
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#18 AR-1242-3

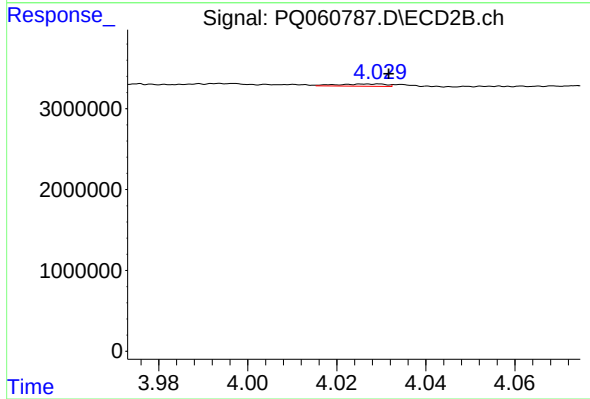
R.T.: 3.994 min
Delta R.T.: 0.048 min
Response: 167122
Conc: 1.98 ng/ml



#19 AR-1242-4

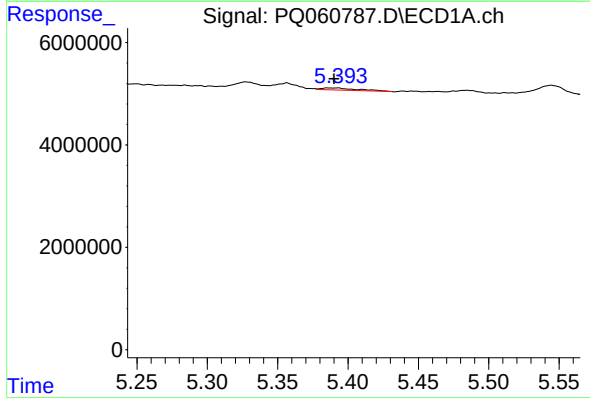
R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



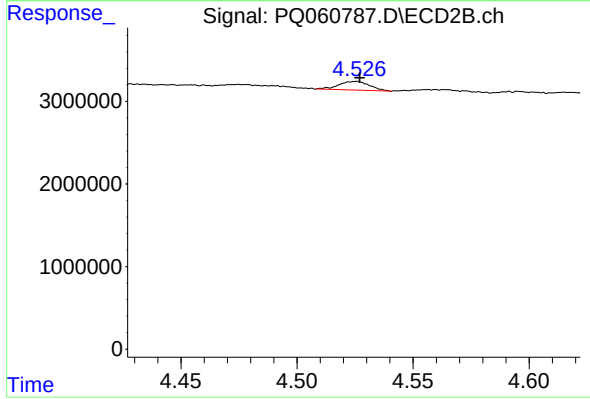
#19 AR-1242-4

R.T.: 4.030 min
Delta R.T.: -0.002 min
Response: 205973
Conc: 2.49 ng/ml



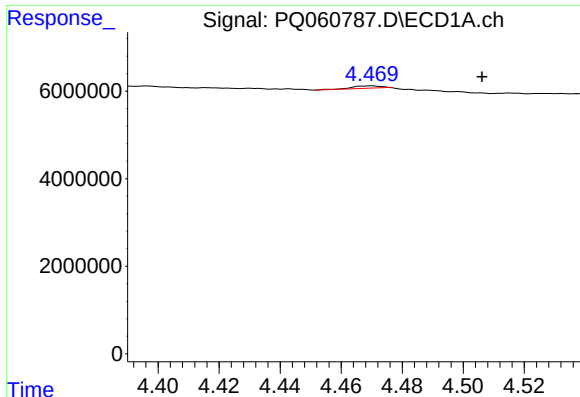
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 525192
Conc: 3.10 ng/ml



#20 AR-1242-5

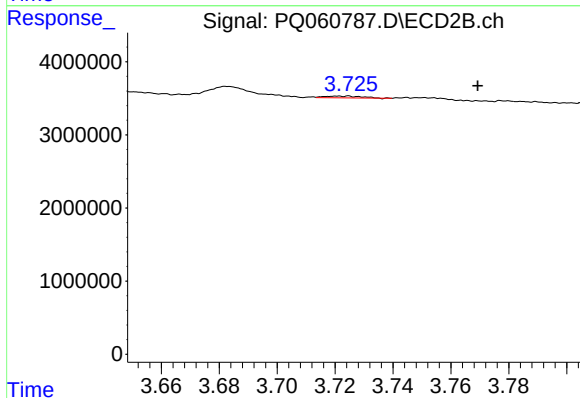
R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 977978
Conc: 8.57 ng/ml



#21 AR-1248-1

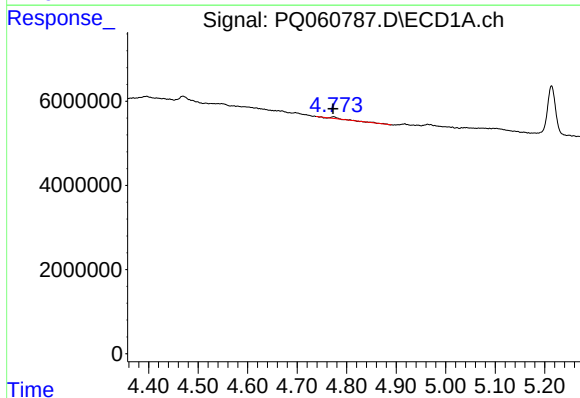
R.T.: 4.470 min
Delta R.T.: -0.037 min
Response: 347672
Conc: 2.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



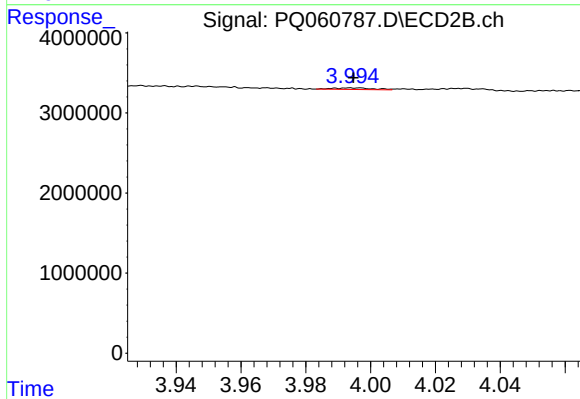
#21 AR-1248-1

R.T.: 3.725 min
Delta R.T.: -0.045 min
Response: 213927
Conc: 2.43 ng/ml



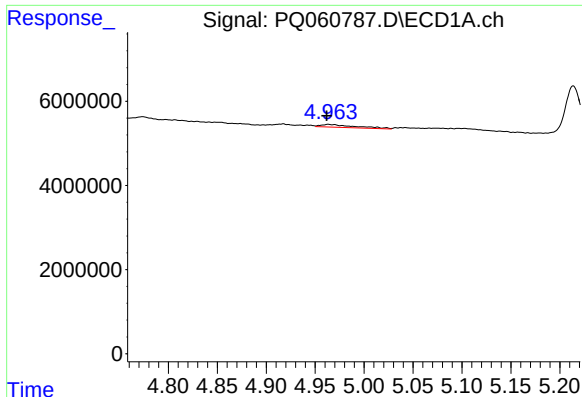
#22 AR-1248-2

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 213786
Conc: 0.93 ng/ml



#22 AR-1248-2

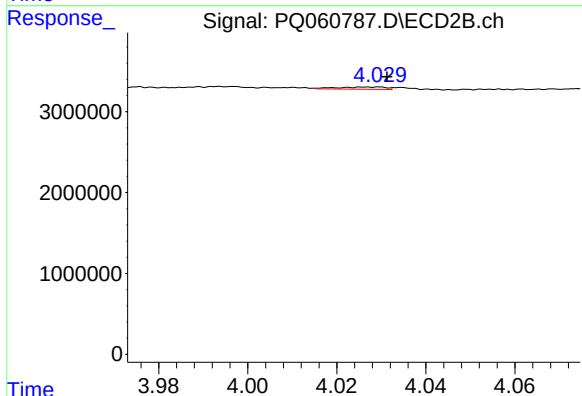
R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 167122
Conc: 1.28 ng/ml



#23 AR-1248-3

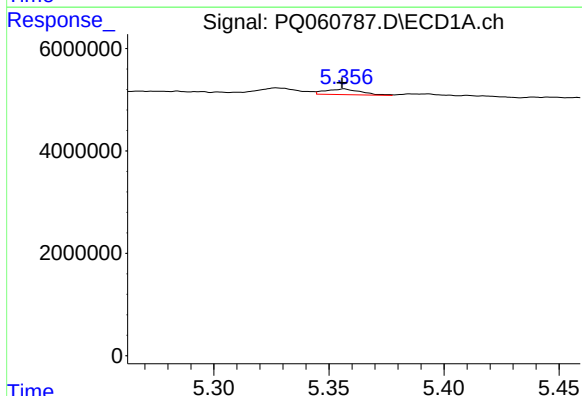
R.T.: 4.964 min
Delta R.T.: 0.002 min
Response: 1692676
Conc: 6.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



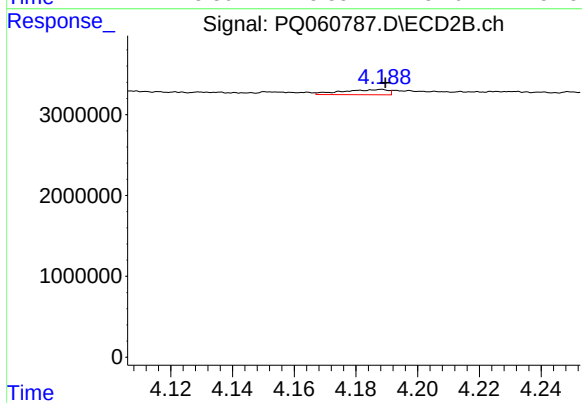
#23 AR-1248-3

R.T.: 4.030 min
Delta R.T.: -0.002 min
Response: 205973
Conc: 1.64 ng/ml



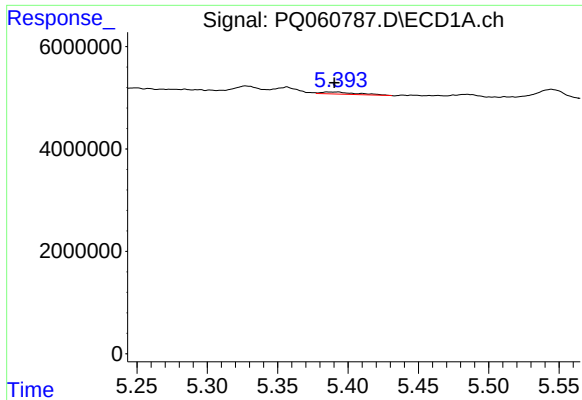
#24 AR-1248-4

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 1202179
Conc: 3.86 ng/ml



#24 AR-1248-4

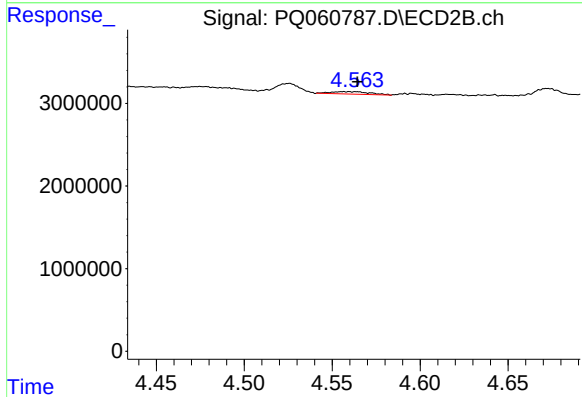
R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 667476
Conc: 4.28 ng/ml



#25 AR-1248-5

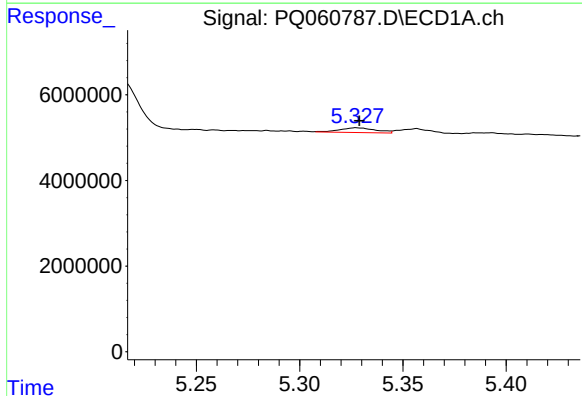
R.T.: 5.389 min
Delta R.T.: -0.001 min
Response: 525192
Conc: 1.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



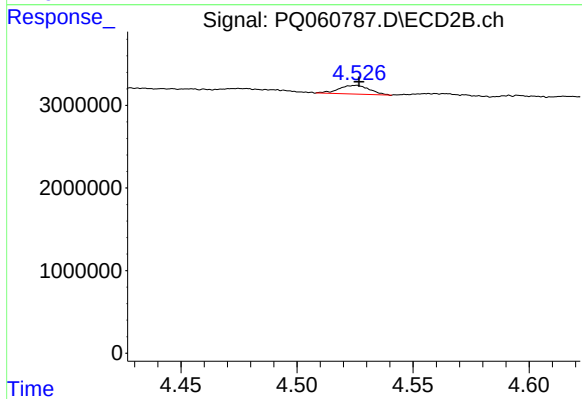
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: -0.008 min
Response: 464359
Conc: 3.03 ng/ml



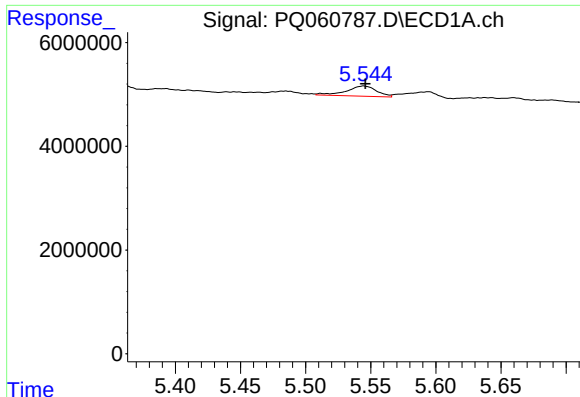
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: -0.001 min
Response: 1366686
Conc: 4.29 ng/ml



#26 AR-1254-1

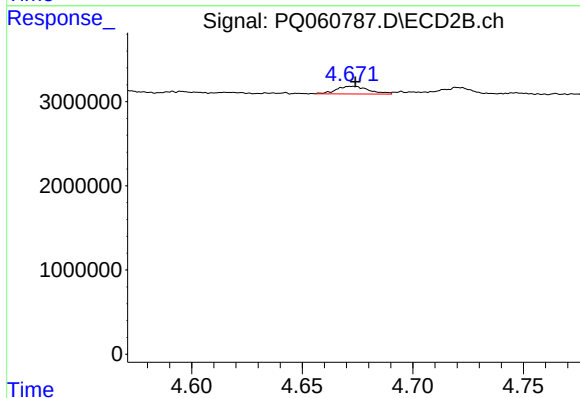
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 977978
Conc: 4.21 ng/ml



#27 AR-1254-2

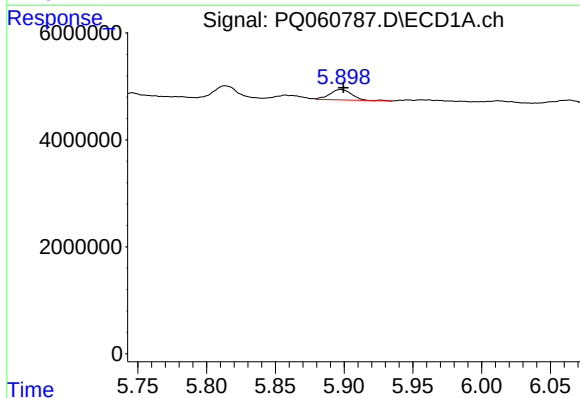
R.T.: 5.545 min
Delta R.T.: -0.001 min
Response: 3198966
Conc: 6.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



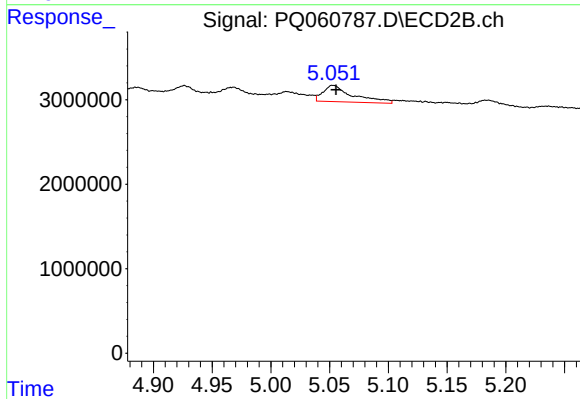
#27 AR-1254-2

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 910541
Conc: 4.34 ng/ml



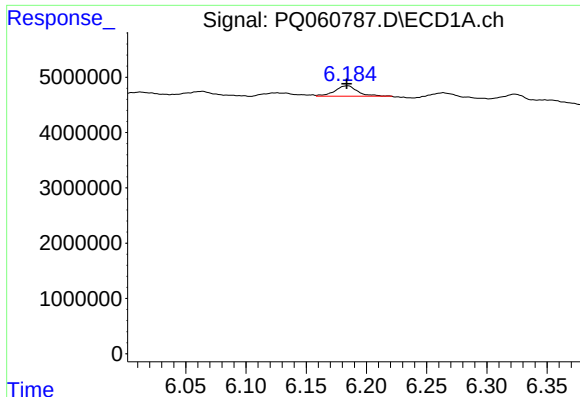
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 2183624
Conc: 4.32 ng/ml



#28 AR-1254-3

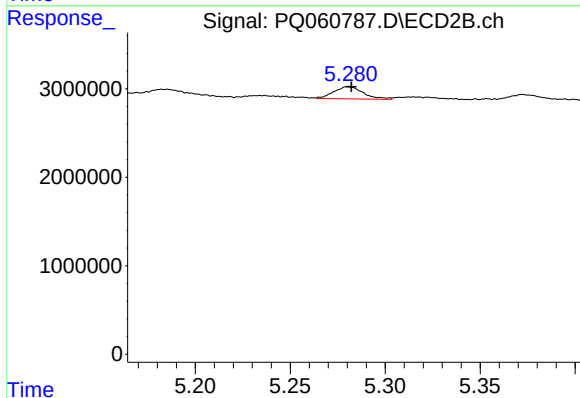
R.T.: 5.053 min
Delta R.T.: -0.003 min
Response: 3434325
Conc: 10.40 ng/ml



#29 AR-1254-4

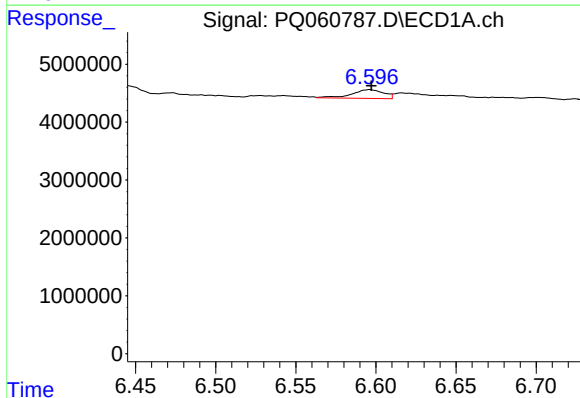
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 2481924
Conc: 6.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



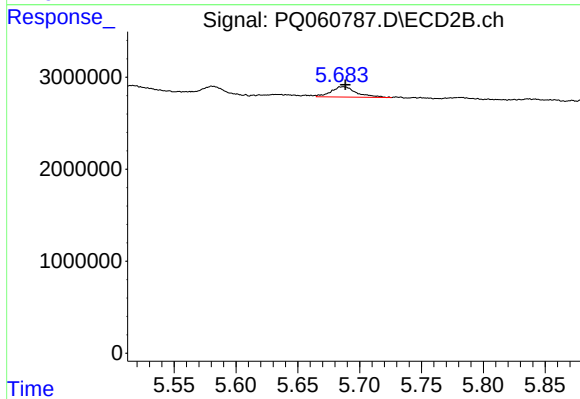
#29 AR-1254-4

R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 1508796
Conc: 7.21 ng/ml



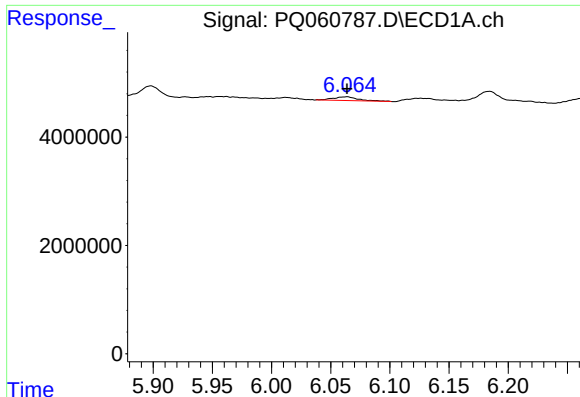
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 2092318
Conc: 4.95 ng/ml



#30 AR-1254-5

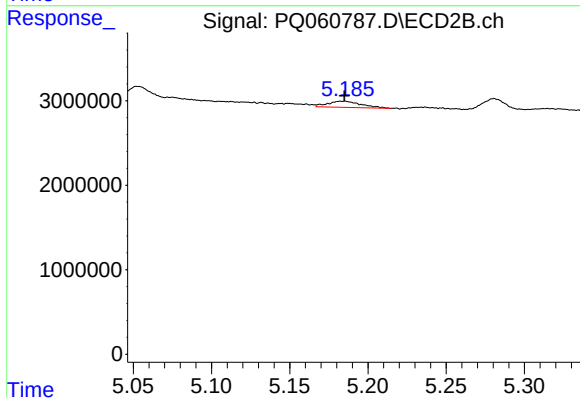
R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 1617779
Conc: 4.95 ng/ml



#31 AR-1260-1

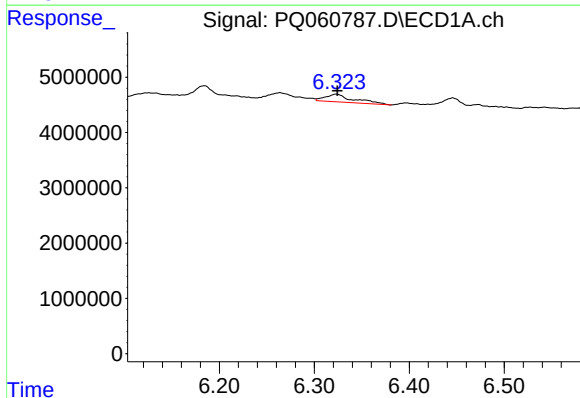
R.T.: 6.063 min
Delta R.T.: -0.001 min
Response: 937117
Conc: 2.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



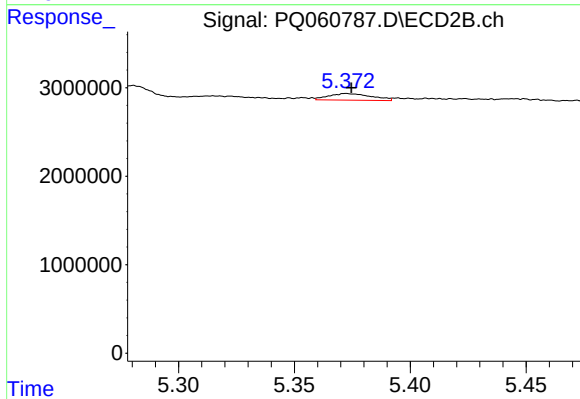
#31 AR-1260-1

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 1082591
Conc: 4.67 ng/ml



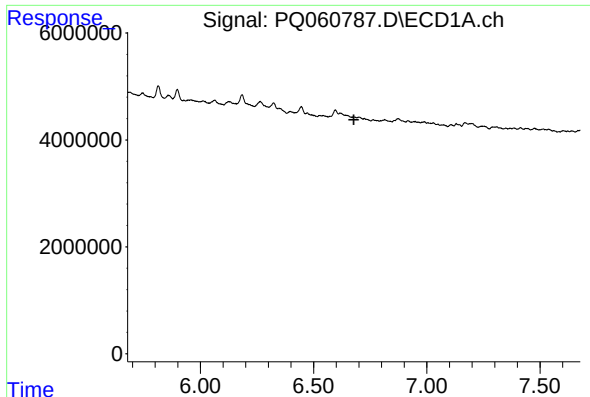
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 2892306
Conc: 6.32 ng/ml



#32 AR-1260-2

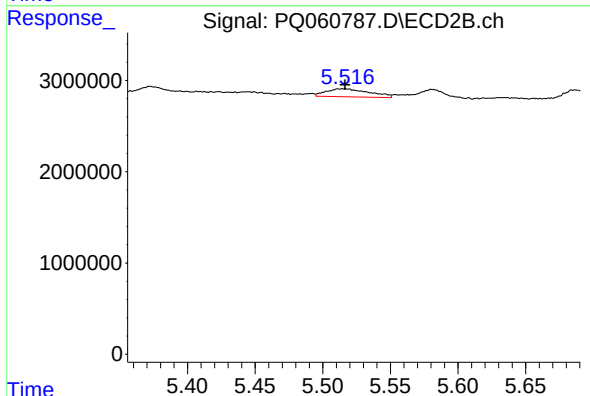
R.T.: 5.372 min
Delta R.T.: -0.002 min
Response: 950542
Conc: 3.32 ng/ml



#33 AR-1260-3

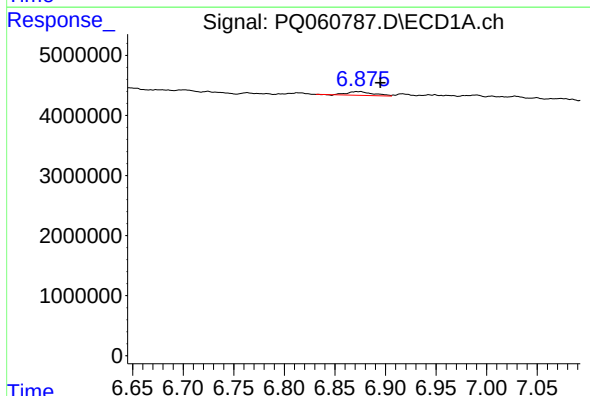
R.T.: 0.000 min
Exp R.T.: 6.678 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



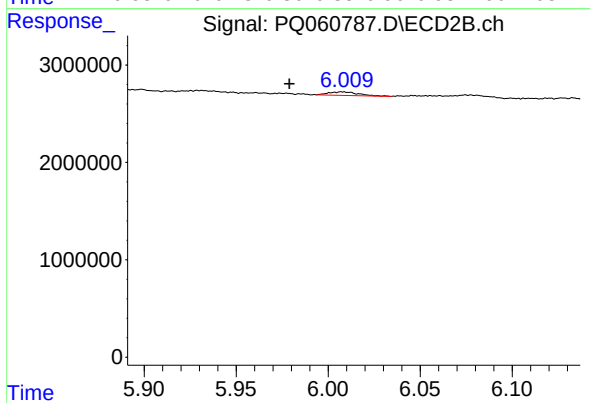
#33 AR-1260-3

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 1958568
Conc: 7.19 ng/ml



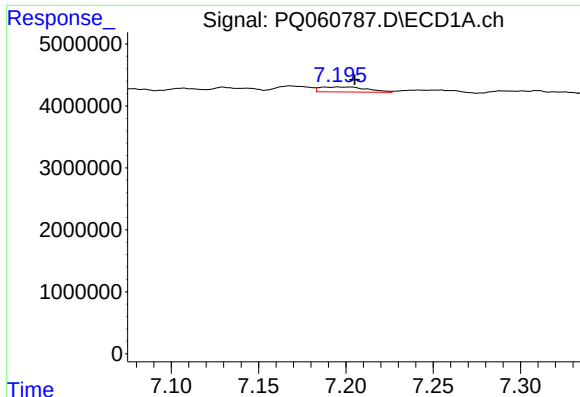
#34 AR-1260-4

R.T.: 6.873 min
Delta R.T.: -0.022 min
Response: 1126633
Conc: 3.27 ng/ml



#34 AR-1260-4

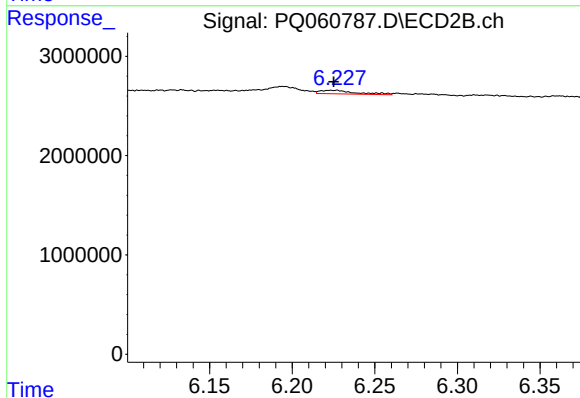
R.T.: 6.007 min
Delta R.T.: 0.028 min
Response: 397404
Conc: 1.97 ng/ml



#35 AR-1260-5

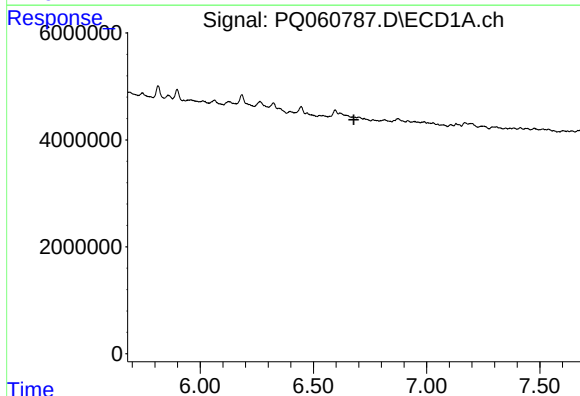
R.T.: 7.197 min
Delta R.T.: -0.008 min
Response: 1516509
Conc: 2.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



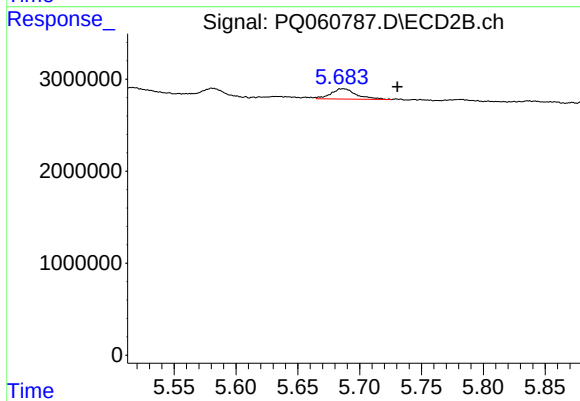
#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: -0.002 min
Response: 531779
Conc: 1.15 ng/ml



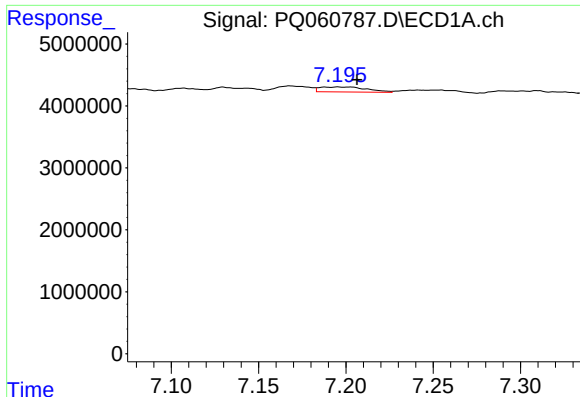
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#36 AR-1262-1

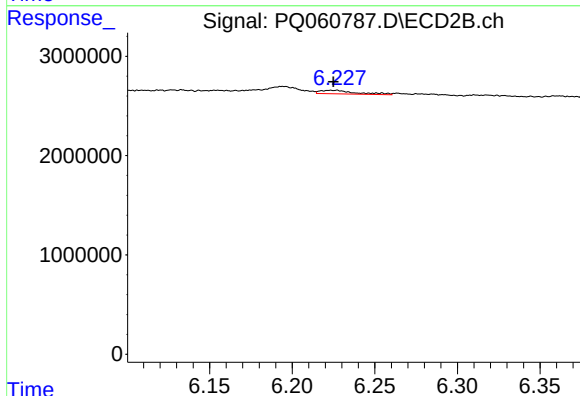
R.T.: 5.687 min
Delta R.T.: -0.044 min
Response: 1617779
Conc: 5.09 ng/ml



#37 AR-1262-2

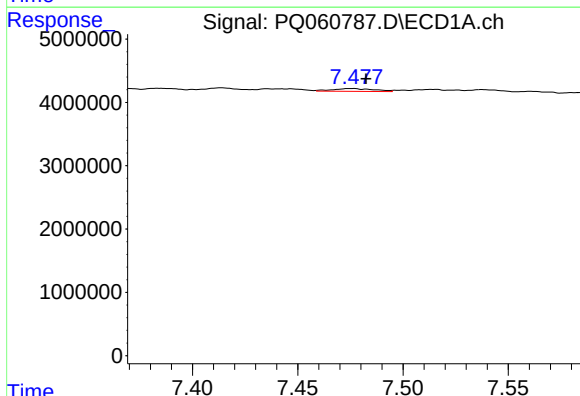
R.T.: 7.197 min
Delta R.T.: -0.009 min
Response: 1516509
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



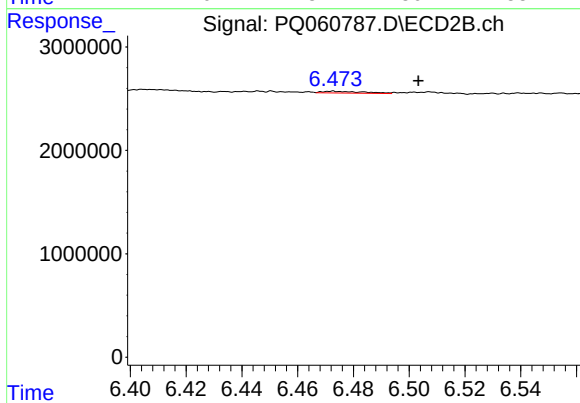
#37 AR-1262-2

R.T.: 6.224 min
Delta R.T.: -0.001 min
Response: 531779
Conc: 0.91 ng/ml



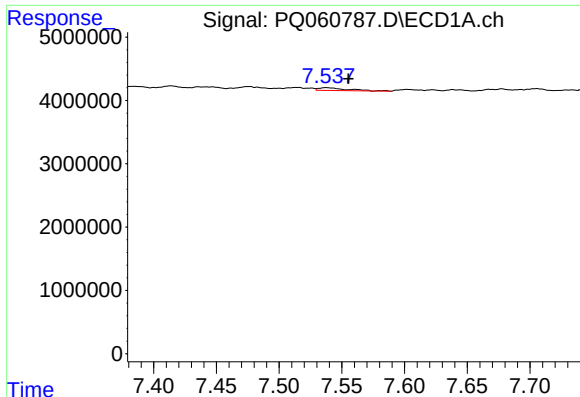
#38 AR-1262-3

R.T.: 7.475 min
Delta R.T.: -0.007 min
Response: 600211
Conc: 1.14 ng/ml



#38 AR-1262-3

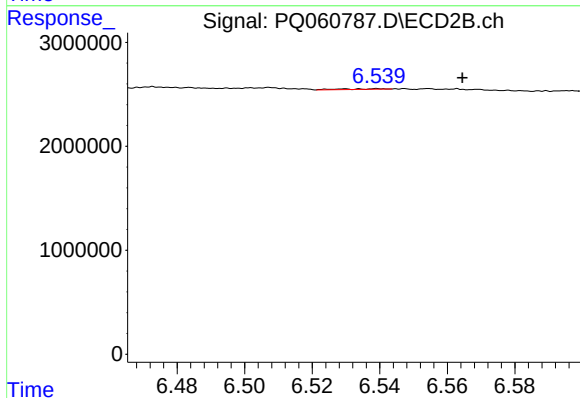
R.T.: 6.473 min
Delta R.T.: -0.031 min
Response: 173254
Conc: 0.73 ng/ml



#39 AR-1262-4

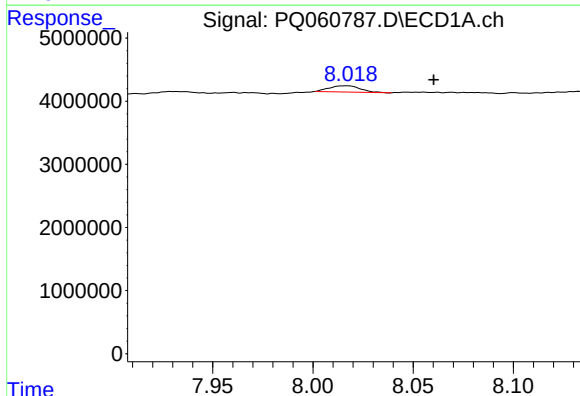
R.T.: 7.538 min
Delta R.T.: -0.017 min
Response: 661252
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



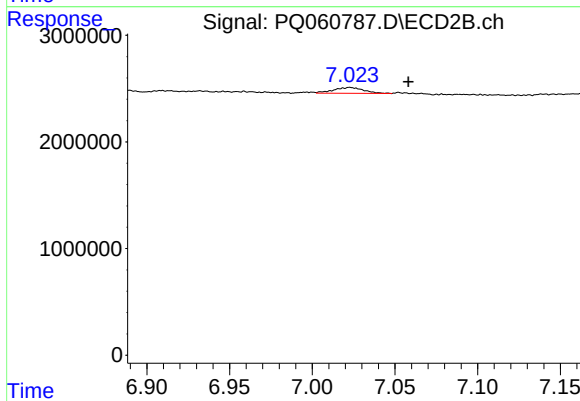
#39 AR-1262-4

R.T.: 6.539 min
Delta R.T.: -0.025 min
Response: 48404
Conc: 0.11 ng/ml



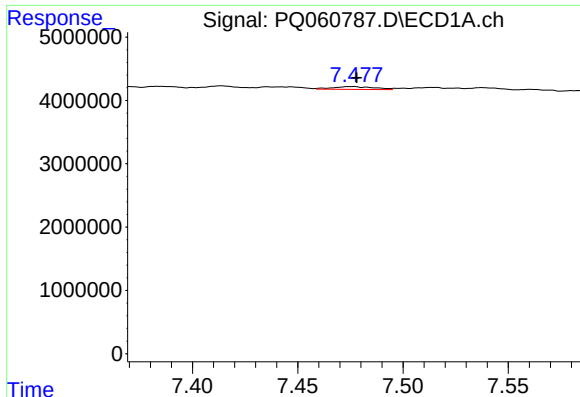
#40 AR-1262-5

R.T.: 8.016 min
Delta R.T.: -0.044 min
Response: 1038650
Conc: 3.84 ng/ml



#40 AR-1262-5

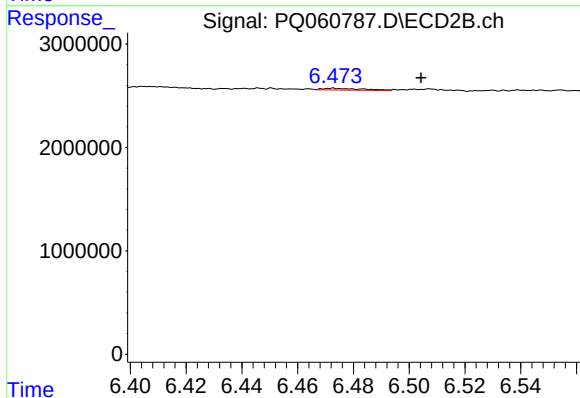
R.T.: 7.023 min
Delta R.T.: -0.035 min
Response: 698063
Conc: 3.30 ng/ml



#41 AR-1268-1

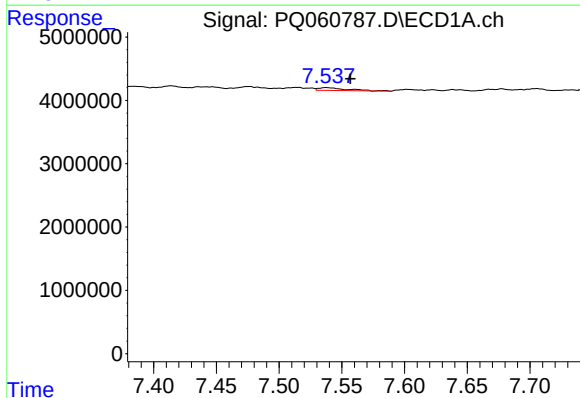
R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 600211
Conc: 0.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



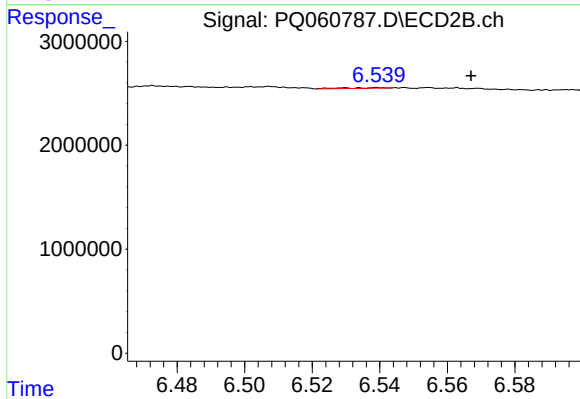
#41 AR-1268-1

R.T.: 6.473 min
Delta R.T.: -0.032 min
Response: 173254
Conc: 0.26 ng/ml



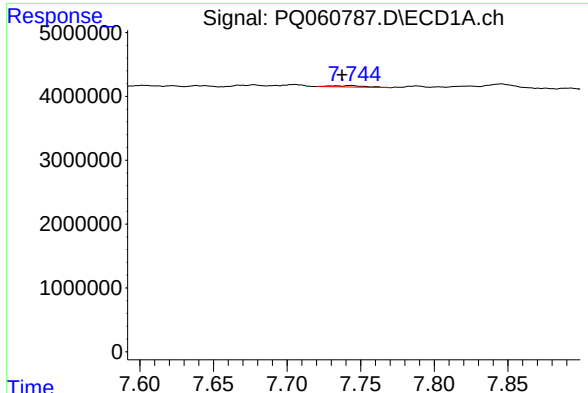
#42 AR-1268-2

R.T.: 7.538 min
Delta R.T.: -0.019 min
Response: 661252
Conc: 0.83 ng/ml



#42 AR-1268-2

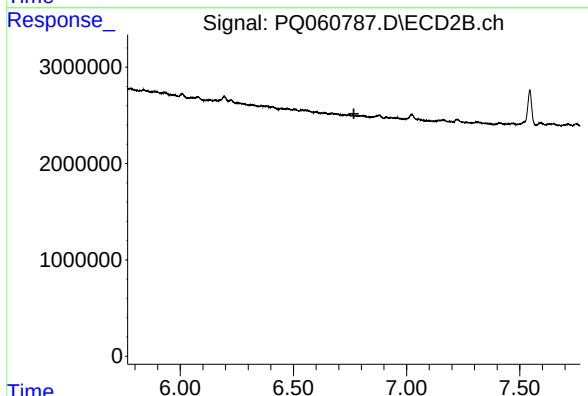
R.T.: 6.539 min
Delta R.T.: -0.028 min
Response: 48404
Conc: 0.08 ng/ml



#43 AR-1268-3

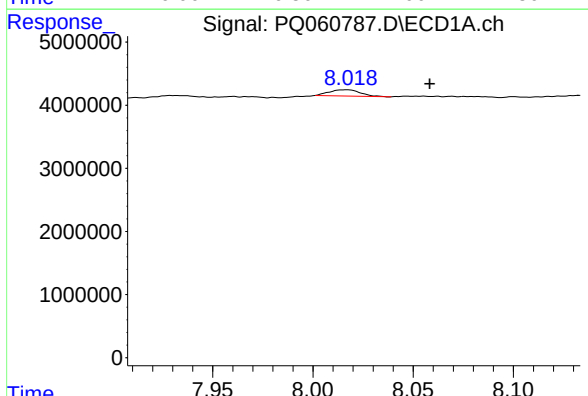
R.T.: 7.743 min
Delta R.T.: 0.006 min
Response: 343930
Conc: 0.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



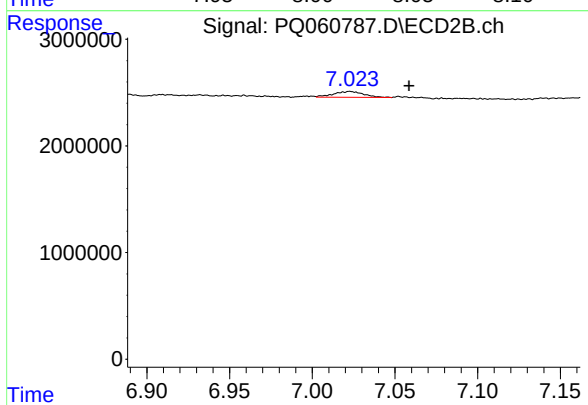
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 6.767 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 8.016 min
Delta R.T.: -0.042 min
Response: 1038650
Conc: 3.52 ng/ml



#44 AR-1268-4

R.T.: 7.023 min
Delta R.T.: -0.036 min
Response: 698063
Conc: 2.99 ng/ml