

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
 Data File : PQ062009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2023 17:36
 Operator : YP\AJ
 Sample : 03530-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 005

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:16:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.412	2.769	52273306	31678354	10.716	12.625
2)	SA Decachlor...	8.584	7.529	80722166	68090887	22.221	20.434
Target Compounds							
4)	L1 AR-1016-2	4.509	3.793	-903040	620857	N.D.	4.306 #
5)	L1 AR-1016-3	4.628f	3.912	1671055	9340	10.965	0.124 #
6)	L1 AR-1016-4	4.671	3.990	427584	267125	3.411	4.067
7)	L1 AR-1016-5	4.974	4.184	727640	466978	5.978	5.696
8)	L2 AR-1221-1	3.597	0.000	1023361	0	17.025	N.D. #
9)	L2 AR-1221-2	3.689	3.038	1018555	596547	22.668	23.486
10)	L2 AR-1221-3	3.746	3.081	1047550	390988	7.455	5.072 #
11)	L3 AR-1232-1	3.746	3.081	1047550	390988	9.920	6.824 #
12)	L3 AR-1232-2	4.245	3.793	328636	620857	5.556	9.328 #
14)	L3 AR-1232-4	4.671	3.990f	427584	267125	7.546	8.982
15)	L3 AR-1232-5	4.763	4.184	684214	466978	17.084	13.095
17)	L4 AR-1242-2	4.509	3.793	-903040	620857	N.D.	5.585 #
18)	L4 AR-1242-3	4.628f	3.912	1671055	9340	13.828	0.159 #
19)	L4 AR-1242-4	4.671	3.990f	427584	267125	4.386	4.556
20)	L4 AR-1242-5	5.389	4.557f	267237	132072	2.792	1.593 #
22)	L5 AR-1248-2	4.763	3.990	684214	267125	4.763	2.849 #
23)	L5 AR-1248-3	4.974	3.990f	727640	267125	4.189	2.950 #
24)	L5 AR-1248-4	5.363	4.184	2184525	466978	11.382	4.138 #
25)	L5 AR-1248-5	5.389	4.557	267237	132072	1.475	1.179
26)	L6 AR-1254-1	5.299f	4.557f	190721	132072	1.026	0.818
27)	L6 AR-1254-2	5.533	4.642	360431	943372	1.240	6.408 #
28)	L6 AR-1254-3	0.000	5.052	0	654115	N.D.	2.799 #
29)	L6 AR-1254-4	6.183	5.258	1209618	592056	5.210	3.885 #
30)	L6 AR-1254-5	6.603	5.666	377357	103876	1.469	0.450 #
31)	L7 AR-1260-1	6.078	5.170	375845	1360724	1.593	8.170 #
32)	L7 AR-1260-2	6.351f	5.348	5526674	633745	19.136	3.048 #
33)	L7 AR-1260-3	6.685	5.514	291286	520271	1.650	2.674 #
34)	L7 AR-1260-4	6.918f	0.000	10251199	0	48.665	N.D. #
35)	L7 AR-1260-5	7.231f	6.191	293958	621656	0.716	1.872 #
36)	L8 AR-1262-1	6.685	5.734	291286	1426233	0.955	6.135 #
37)	L8 AR-1262-2	7.231f	0.000	293958	0	0.558	N.D. #
38)	L8 AR-1262-3	7.477	6.482	1601697	4039065	4.546	23.169 #
39)	L8 AR-1262-4	7.551	6.536	630604	2057476	2.364	6.384 #
40)	L8 AR-1262-5	8.064	7.045	832038	5882002	4.687	37.920 #
41)	L9 AR-1268-1	7.477	6.482	1601697	4039065	2.822	8.584 #
42)	L9 AR-1268-2	7.551	6.536	630604	2057476	1.237	4.856 #
43)	L9 AR-1268-3	7.767f	6.757	4162855	3071044	9.754	8.338
44)	L9 AR-1268-4	8.064	7.045	832038	5882002	4.547	36.777 #
45)	L9 AR-1268-5	8.353	7.312	1566793	1530468	1.243	1.312

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
Data File : PQ062009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2023 17:36
Operator : YP\AJ
Sample : 03530-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
005

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:16:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
Response via : Initial Calibration
Integrator: ChemStation

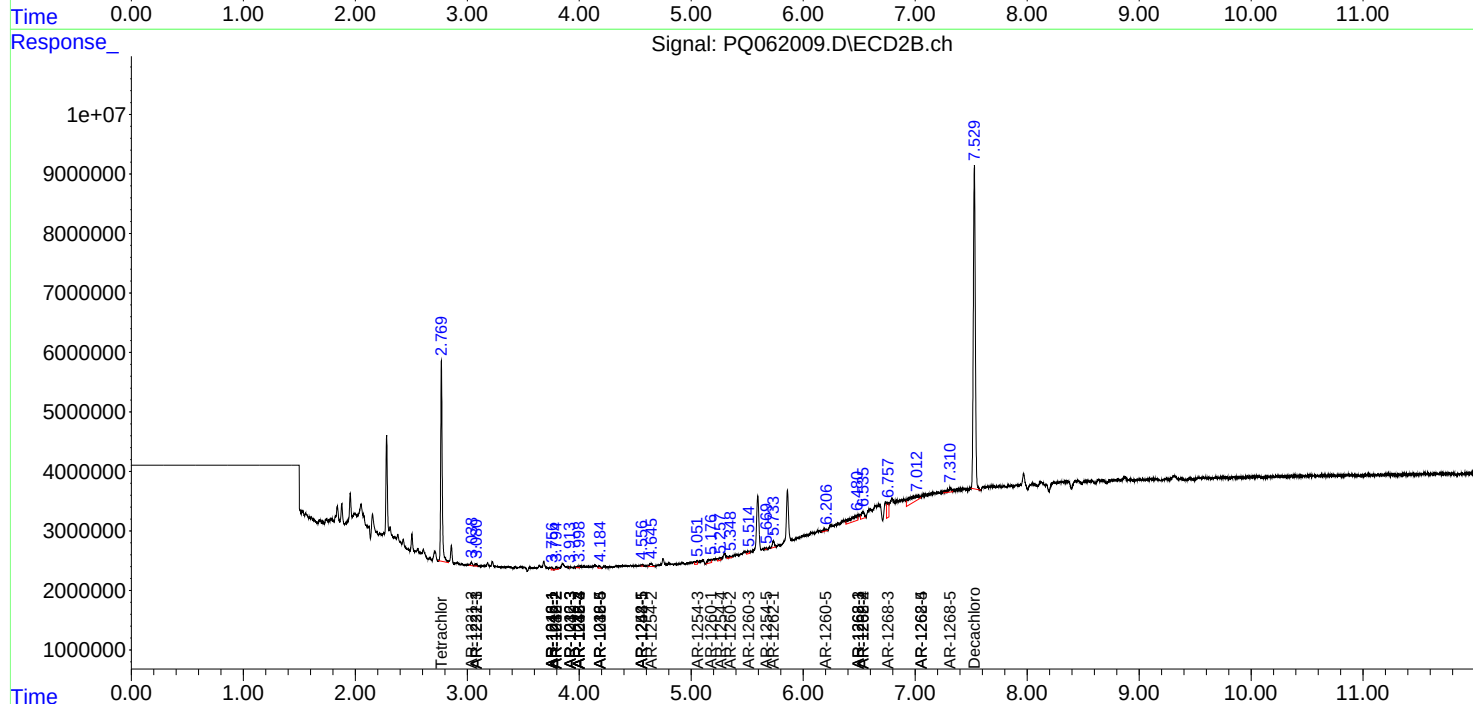
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

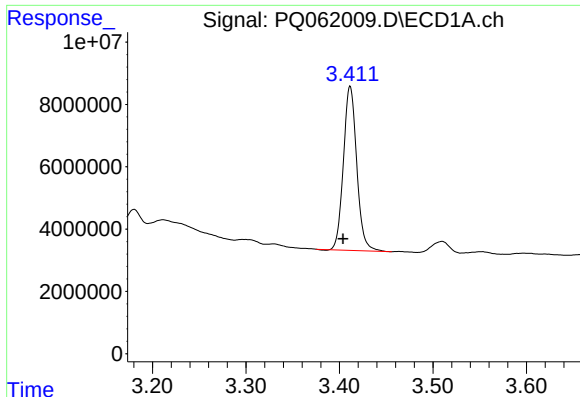
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

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

Instrument :
ECD_Q
ClientSampleId :
005

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

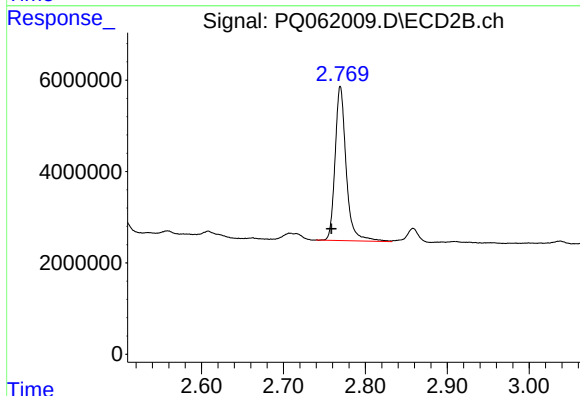




#1 Tetrachloro-m-xylene

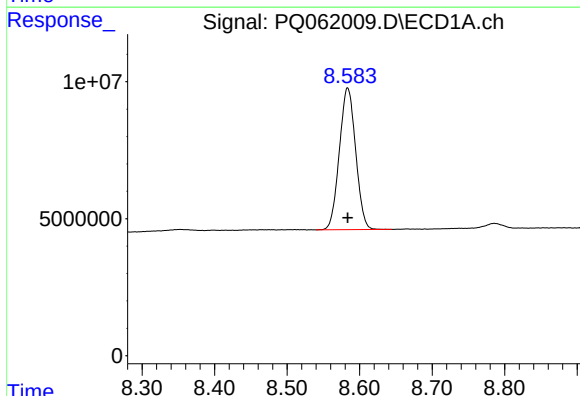
R.T.: 3.412 min
Delta R.T.: 0.008 min
Response: 52273306
Conc: 10.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



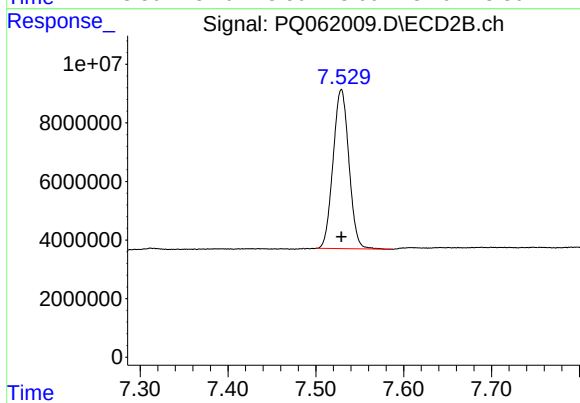
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.011 min
Response: 31678354
Conc: 12.63 ng/ml



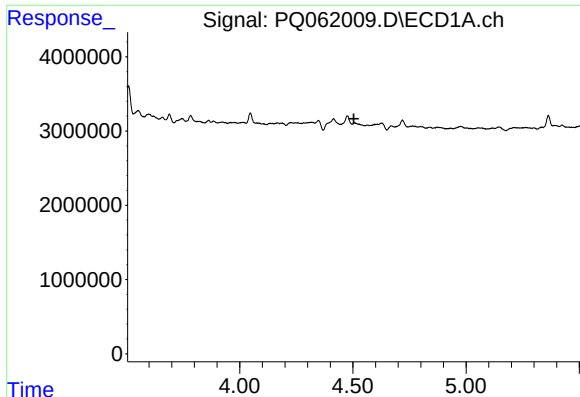
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 80722166
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

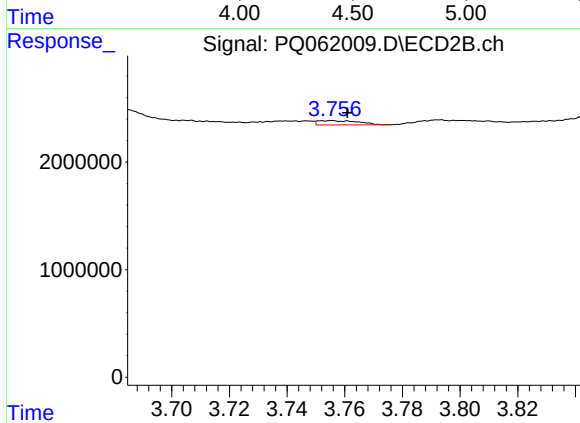
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 68090887
Conc: 20.43 ng/ml



#3 AR-1016-1

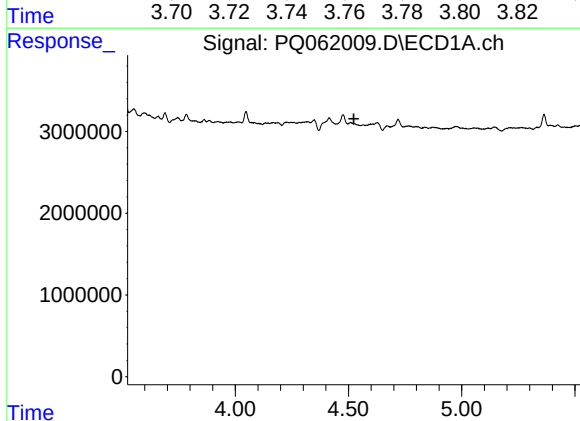
R.T.: 4.509 min
Delta R.T.: 0.005 min
Response: -903040
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
005



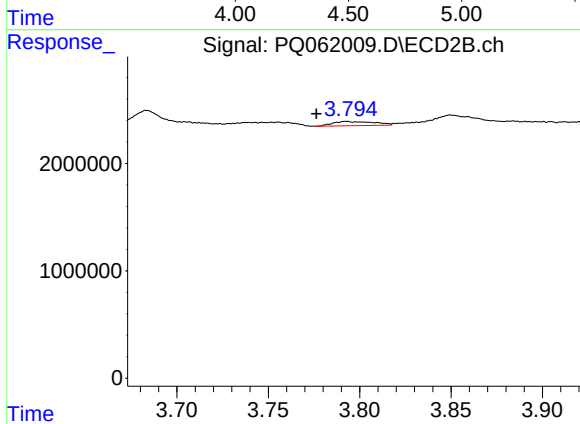
#3 AR-1016-1

R.T.: 3.756 min
Delta R.T.: -0.005 min
Response: 392794
Conc: 3.97 ng/ml



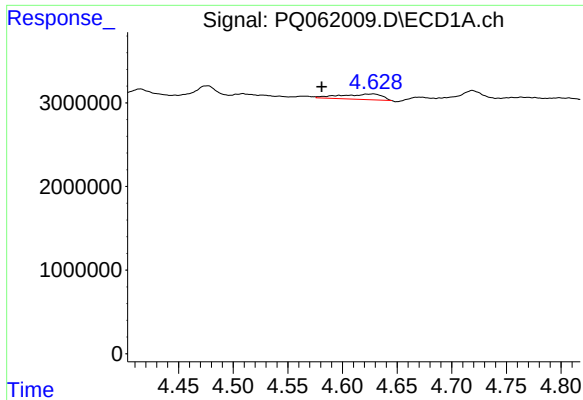
#4 AR-1016-2

R.T.: 4.509 min
Delta R.T.: -0.015 min
Response: -903040
Conc: N.D.



#4 AR-1016-2

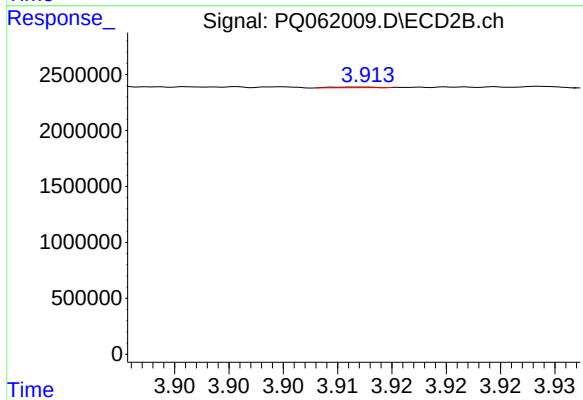
R.T.: 3.793 min
Delta R.T.: 0.017 min
Response: 620857
Conc: 4.31 ng/ml



#5 AR-1016-3

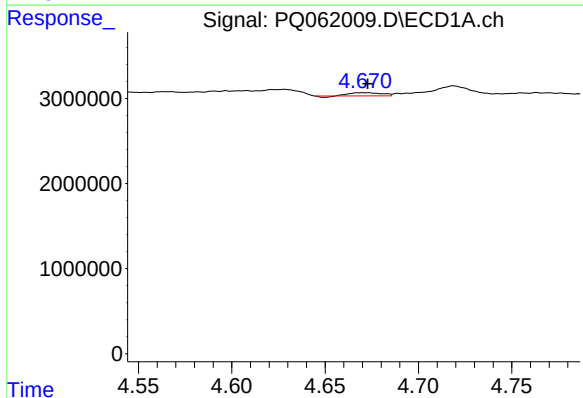
R.T.: 4.628 min
Delta R.T.: 0.047 min
Response: 1671055
Conc: 10.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



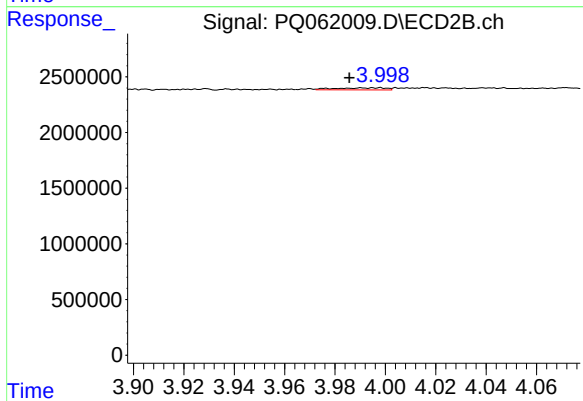
#5 AR-1016-3

R.T.: 3.912 min
Delta R.T.: -0.024 min
Response: 9340
Conc: 0.12 ng/ml



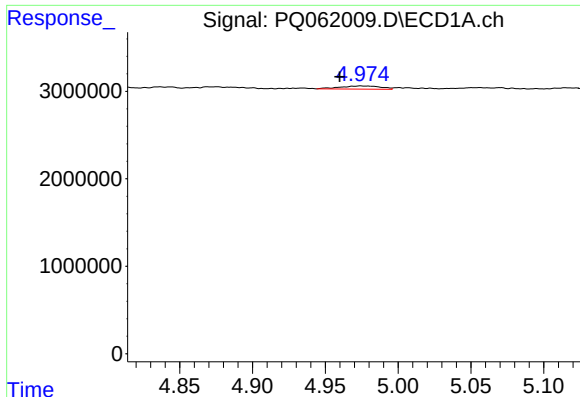
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.001 min
Response: 427584
Conc: 3.41 ng/ml



#6 AR-1016-4

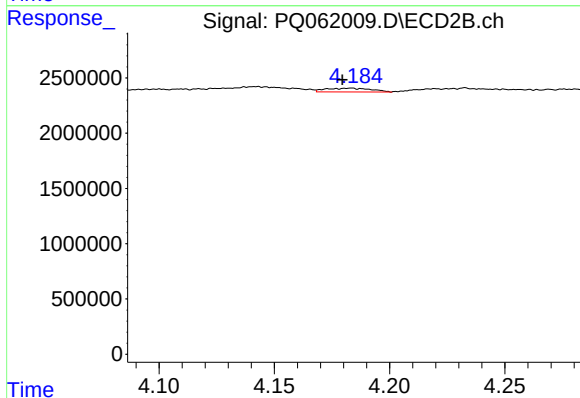
R.T.: 3.990 min
Delta R.T.: 0.005 min
Response: 267125
Conc: 4.07 ng/ml



#7 AR-1016-5

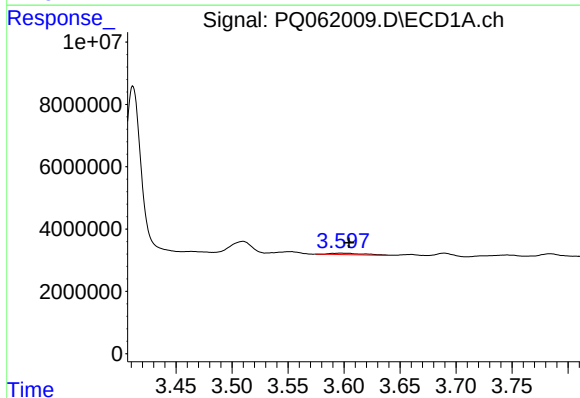
R.T.: 4.974 min
Delta R.T.: 0.014 min
Response: 727640
Conc: 5.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



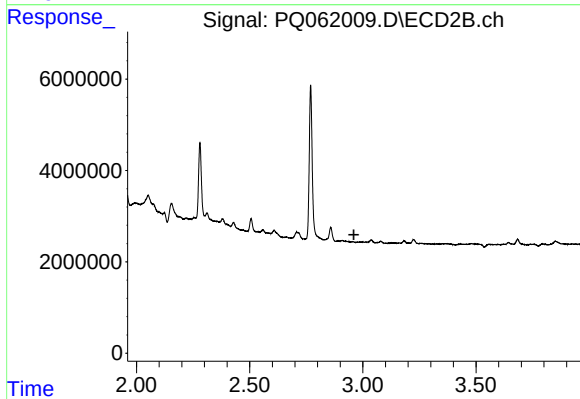
#7 AR-1016-5

R.T.: 4.184 min
Delta R.T.: 0.004 min
Response: 466978
Conc: 5.70 ng/ml



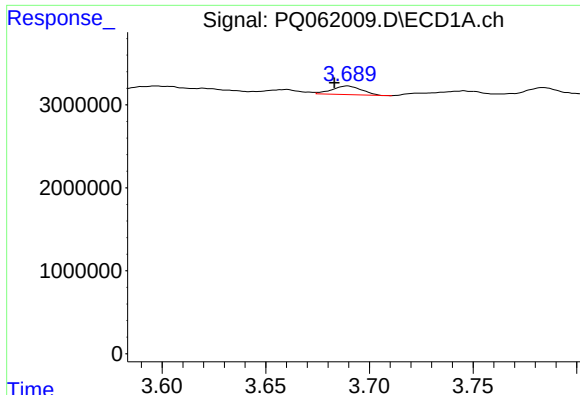
#8 AR-1221-1

R.T.: 3.597 min
Delta R.T.: -0.007 min
Response: 1023361
Conc: 17.03 ng/ml



#8 AR-1221-1

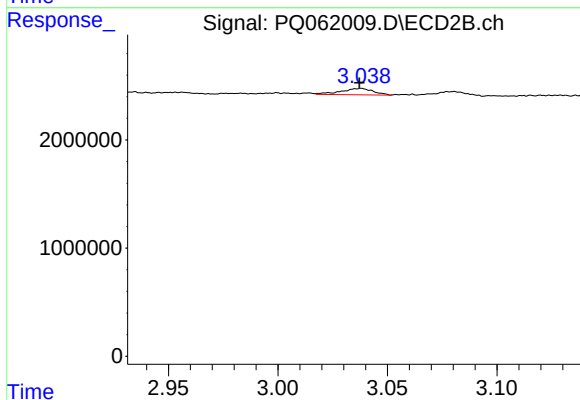
R.T.: 0.000 min
Exp R.T. : 2.961 min
Response: 0
Conc: N.D.



#9 AR-1221-2

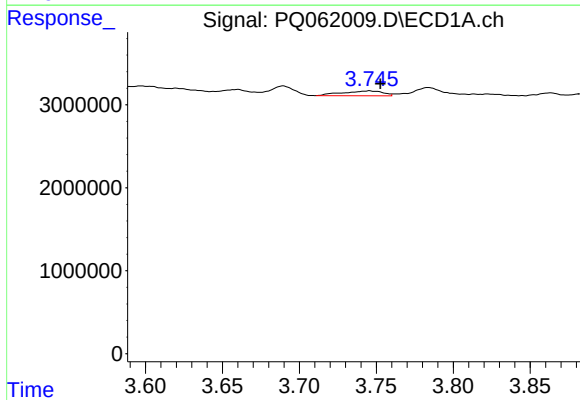
R.T.: 3.689 min
Delta R.T.: 0.006 min
Response: 1018555
Conc: 22.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



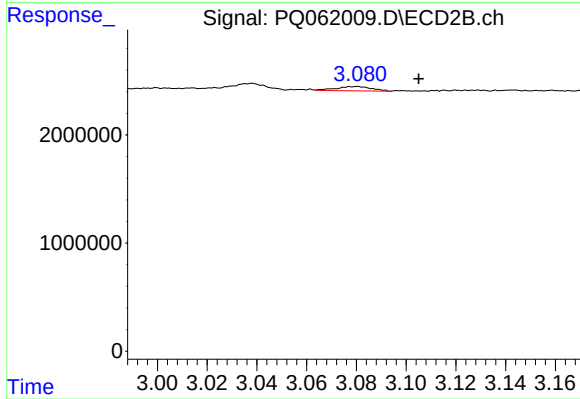
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: 0.001 min
Response: 596547
Conc: 23.49 ng/ml



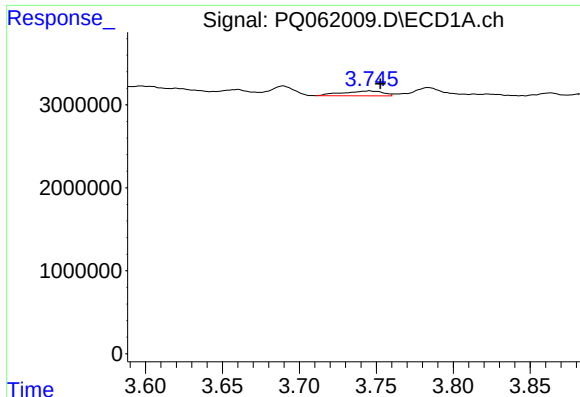
#10 AR-1221-3

R.T.: 3.746 min
Delta R.T.: -0.007 min
Response: 1047550
Conc: 7.45 ng/ml



#10 AR-1221-3

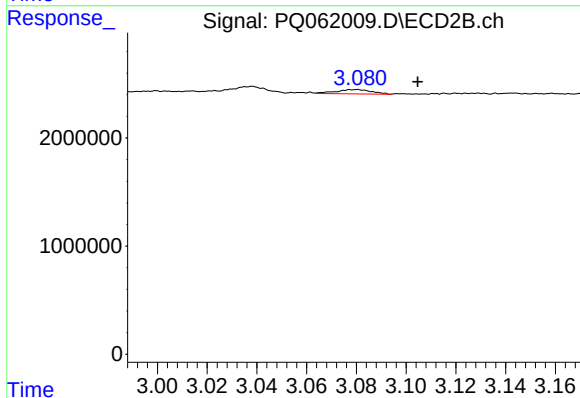
R.T.: 3.081 min
Delta R.T.: -0.024 min
Response: 390988
Conc: 5.07 ng/ml



#11 AR-1232-1

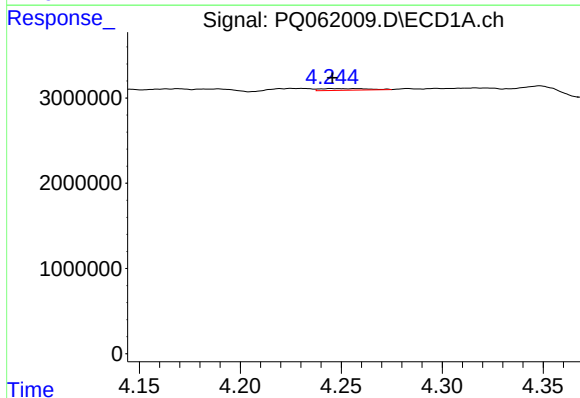
R.T.: 3.746 min
Delta R.T.: -0.007 min
Response: 1047550
Conc: 9.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



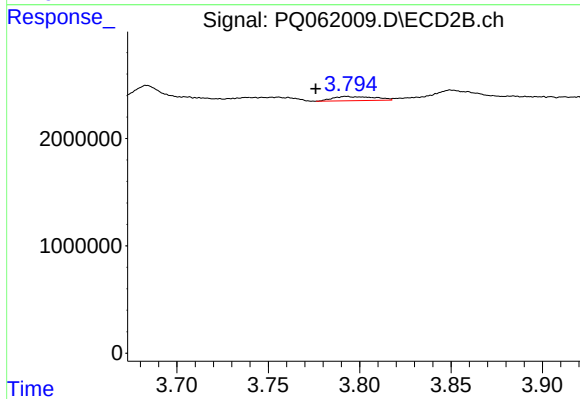
#11 AR-1232-1

R.T.: 3.081 min
Delta R.T.: -0.024 min
Response: 390988
Conc: 6.82 ng/ml



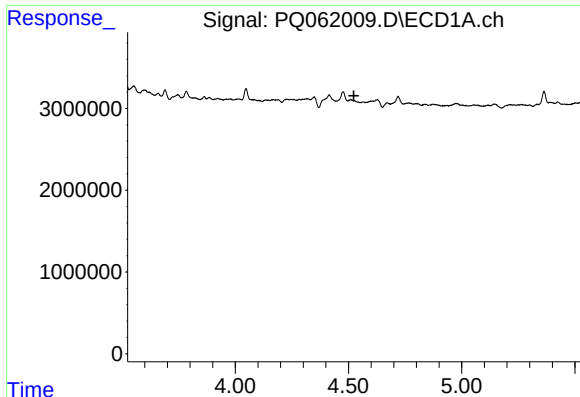
#12 AR-1232-2

R.T.: 4.245 min
Delta R.T.: 0.000 min
Response: 328636
Conc: 5.56 ng/ml



#12 AR-1232-2

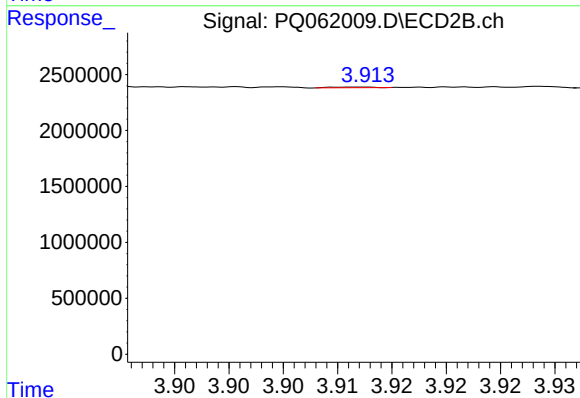
R.T.: 3.793 min
Delta R.T.: 0.017 min
Response: 620857
Conc: 9.33 ng/ml



#13 AR-1232-3

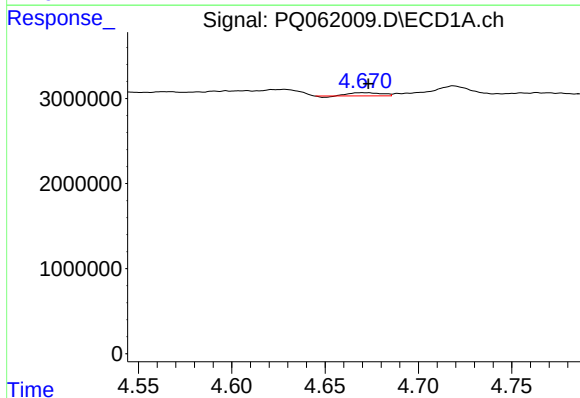
R.T.: 4.509 min
Delta R.T.: -0.015 min
Response: -903040
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
005



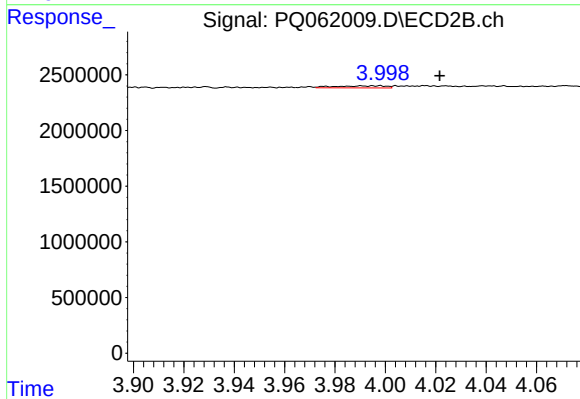
#13 AR-1232-3

R.T.: 3.912 min
Delta R.T.: -0.023 min
Response: 9340
Conc: 0.27 ng/ml



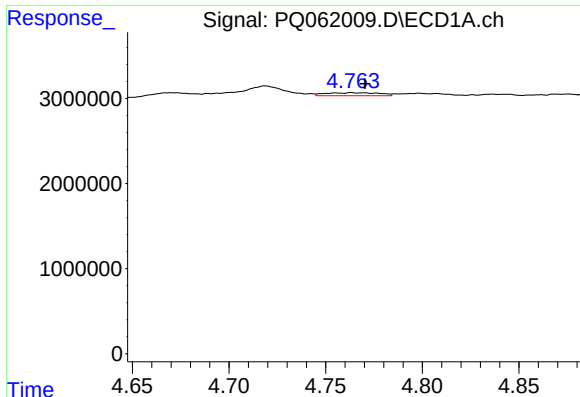
#14 AR-1232-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 427584
Conc: 7.55 ng/ml



#14 AR-1232-4

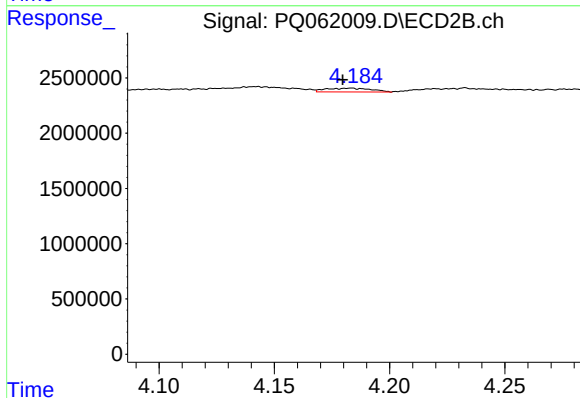
R.T.: 3.990 min
Delta R.T.: -0.031 min
Response: 267125
Conc: 8.98 ng/ml



#15 AR-1232-5

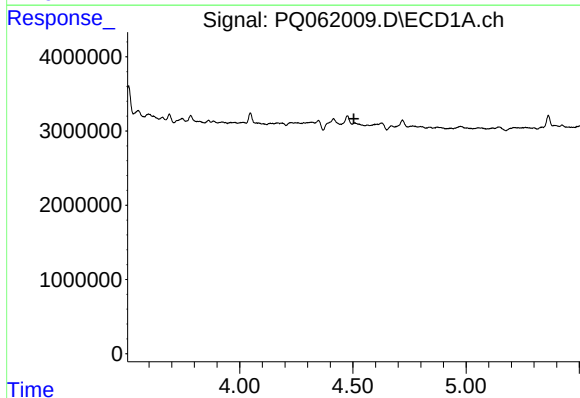
R.T.: 4.763 min
Delta R.T.: -0.007 min
Response: 684214
Conc: 17.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



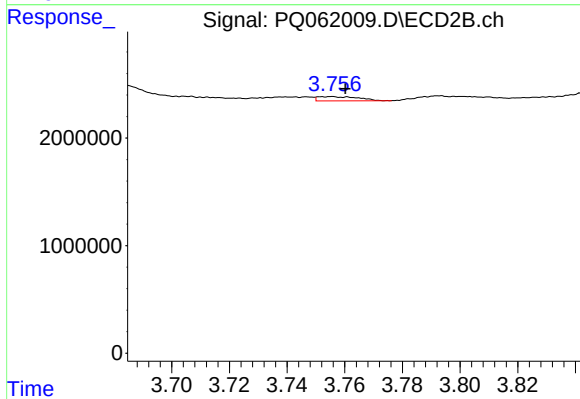
#15 AR-1232-5

R.T.: 4.184 min
Delta R.T.: 0.004 min
Response: 466978
Conc: 13.09 ng/ml



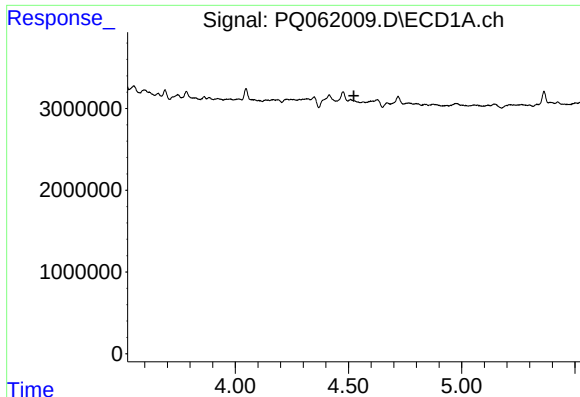
#16 AR-1242-1

R.T.: 4.509 min
Delta R.T.: 0.004 min
Response: -903040
Conc: N.D.



#16 AR-1242-1

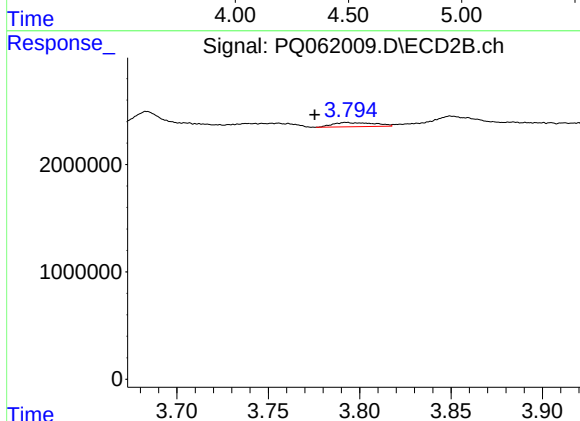
R.T.: 3.756 min
Delta R.T.: -0.005 min
Response: 392794
Conc: 5.08 ng/ml



#17 AR-1242-2

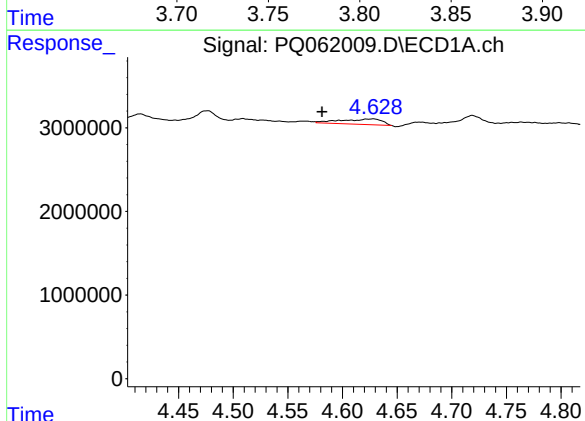
R.T.: 4.509 min
Delta R.T.: -0.015 min
Response: -903040
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
005



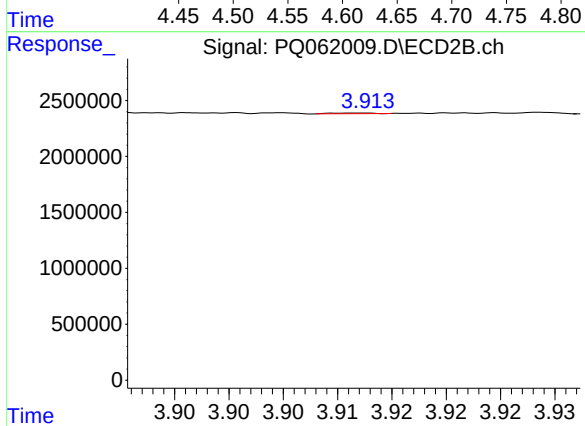
#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: 0.018 min
Response: 620857
Conc: 5.59 ng/ml



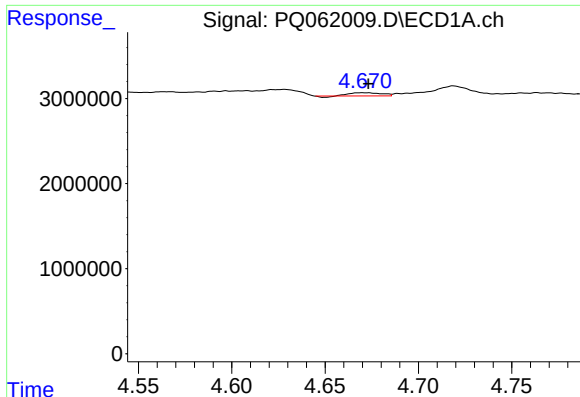
#18 AR-1242-3

R.T.: 4.628 min
Delta R.T.: 0.047 min
Response: 1671055
Conc: 13.83 ng/ml



#18 AR-1242-3

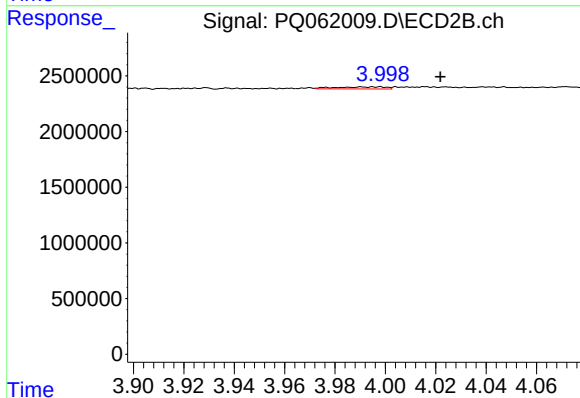
R.T.: 3.912 min
Delta R.T.: -0.024 min
Response: 9340
Conc: 0.16 ng/ml



#19 AR-1242-4

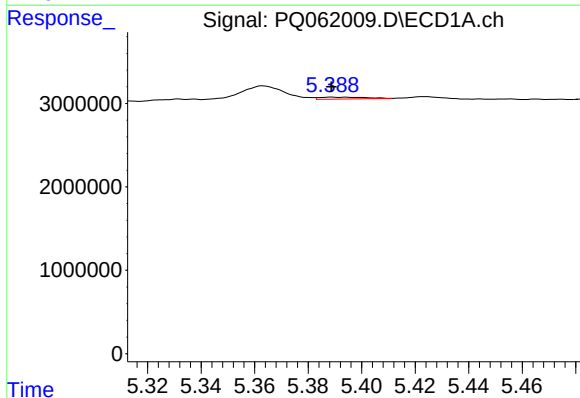
R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 427584
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



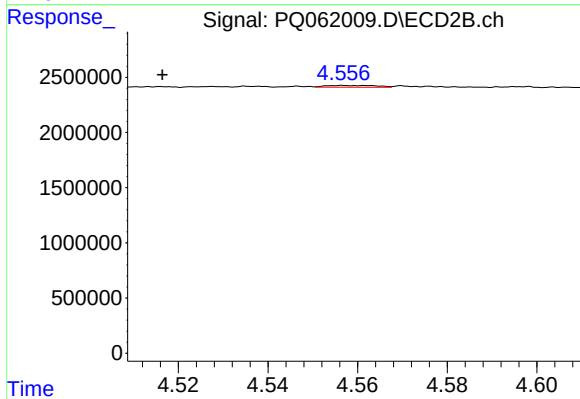
#19 AR-1242-4

R.T.: 3.990 min
Delta R.T.: -0.031 min
Response: 267125
Conc: 4.56 ng/ml



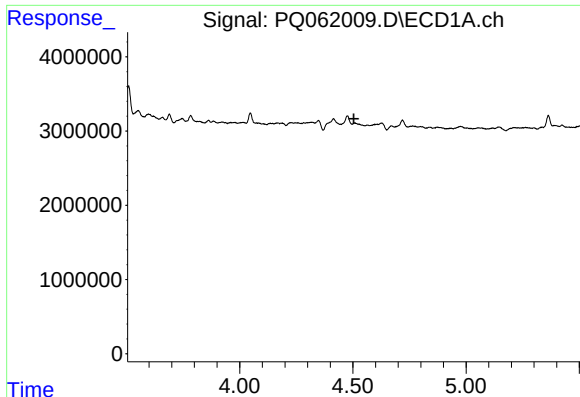
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 267237
Conc: 2.79 ng/ml



#20 AR-1242-5

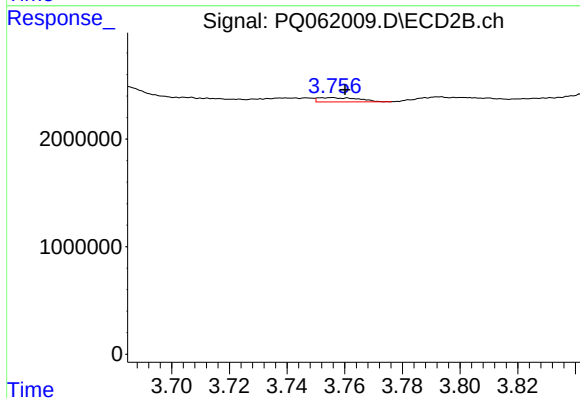
R.T.: 4.557 min
Delta R.T.: 0.040 min
Response: 132072
Conc: 1.59 ng/ml



#21 AR-1248-1

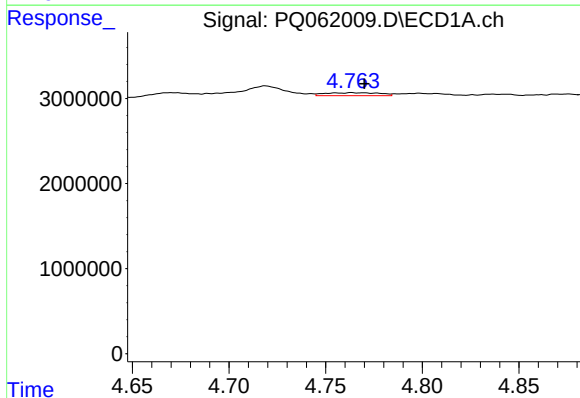
R.T.: 4.509 min
Delta R.T.: 0.004 min
Response: -903040
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
005



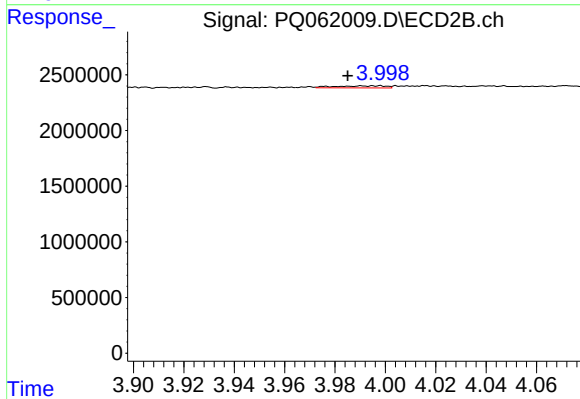
#21 AR-1248-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 392794
Conc: 6.28 ng/ml



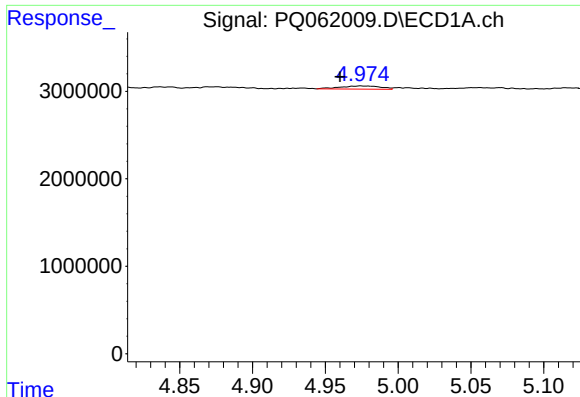
#22 AR-1248-2

R.T.: 4.763 min
Delta R.T.: -0.007 min
Response: 684214
Conc: 4.76 ng/ml



#22 AR-1248-2

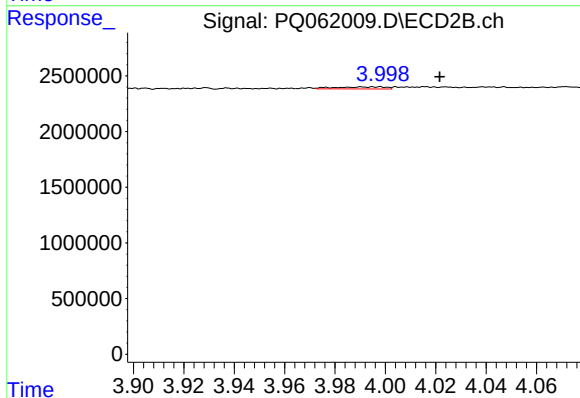
R.T.: 3.990 min
Delta R.T.: 0.005 min
Response: 267125
Conc: 2.85 ng/ml



#23 AR-1248-3

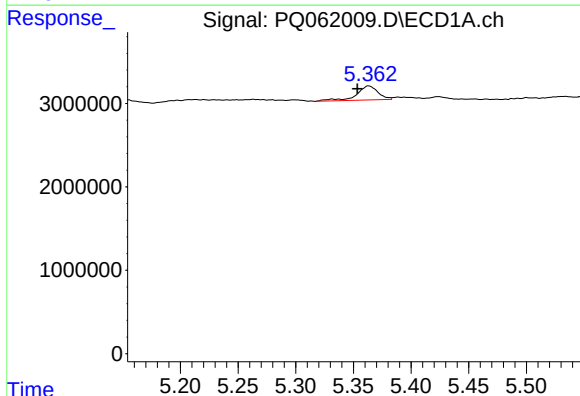
R.T.: 4.974 min
Delta R.T.: 0.014 min
Response: 727640
Conc: 4.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



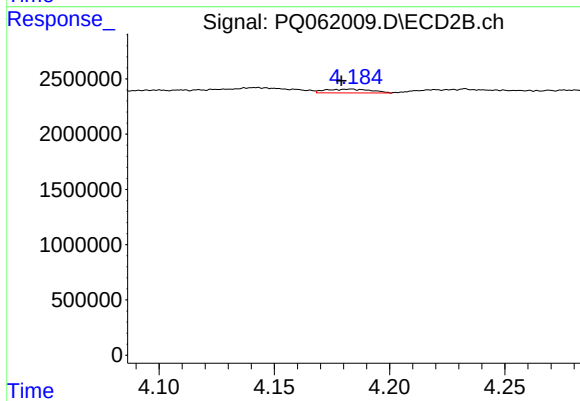
#23 AR-1248-3

R.T.: 3.990 min
Delta R.T.: -0.031 min
Response: 267125
Conc: 2.95 ng/ml



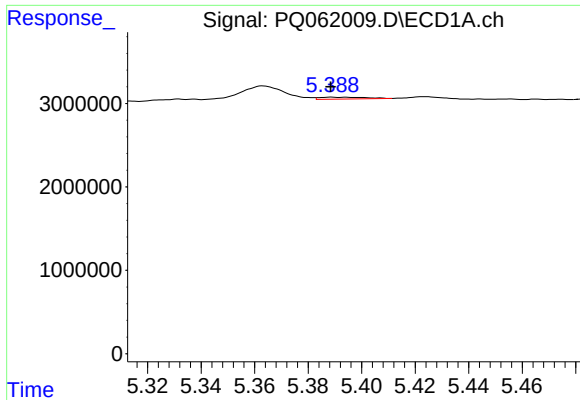
#24 AR-1248-4

R.T.: 5.363 min
Delta R.T.: 0.010 min
Response: 2184525
Conc: 11.38 ng/ml



#24 AR-1248-4

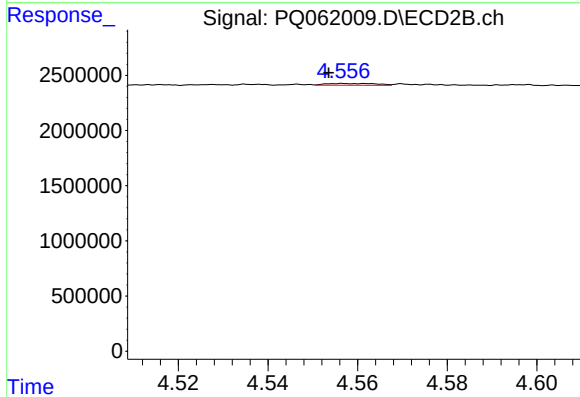
R.T.: 4.184 min
Delta R.T.: 0.005 min
Response: 466978
Conc: 4.14 ng/ml



#25 AR-1248-5

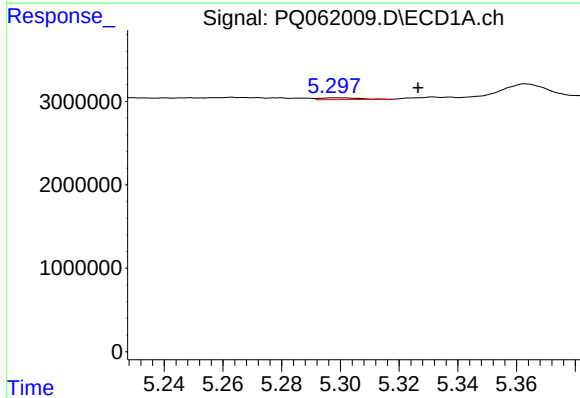
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 267237
Conc: 1.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



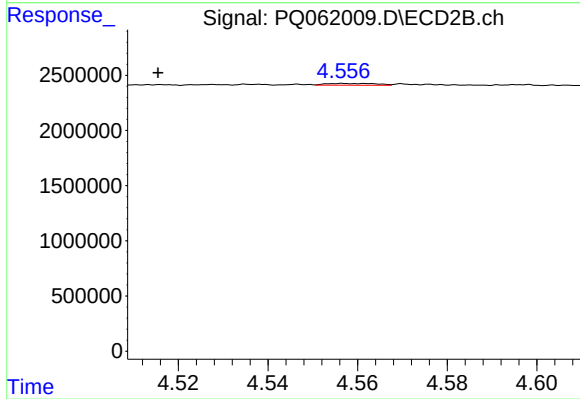
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.003 min
Response: 132072
Conc: 1.18 ng/ml



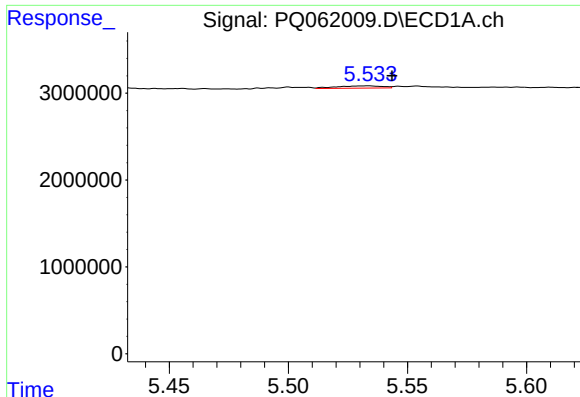
#26 AR-1254-1

R.T.: 5.299 min
Delta R.T.: -0.028 min
Response: 190721
Conc: 1.03 ng/ml



#26 AR-1254-1

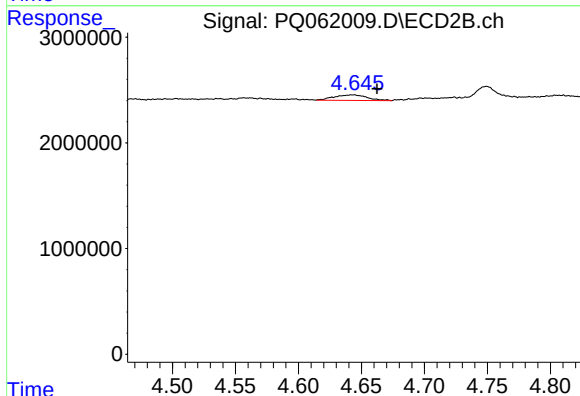
R.T.: 4.557 min
Delta R.T.: 0.041 min
Response: 132072
Conc: 0.82 ng/ml



#27 AR-1254-2

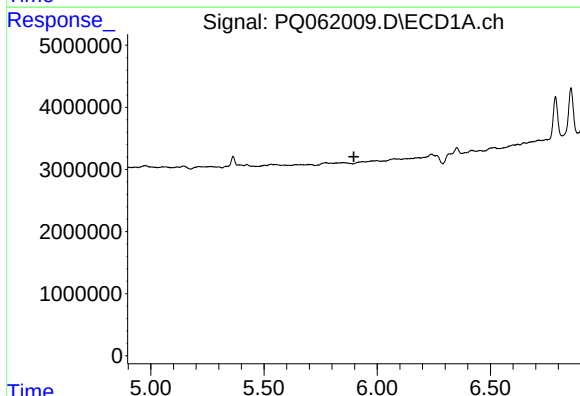
R.T.: 5.533 min
Delta R.T.: -0.010 min
Response: 360431
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



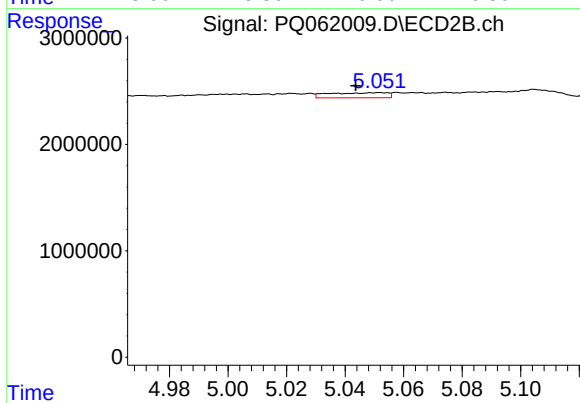
#27 AR-1254-2

R.T.: 4.642 min
Delta R.T.: -0.020 min
Response: 943372
Conc: 6.41 ng/ml



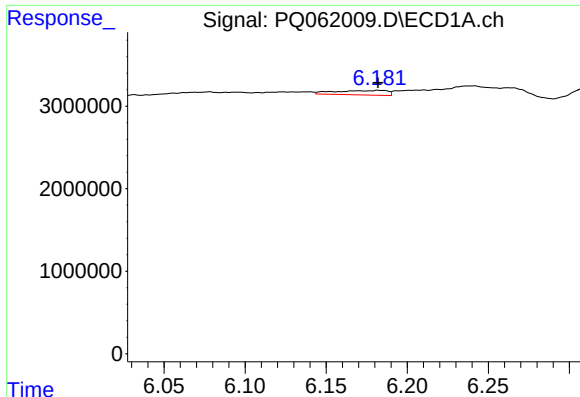
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#28 AR-1254-3

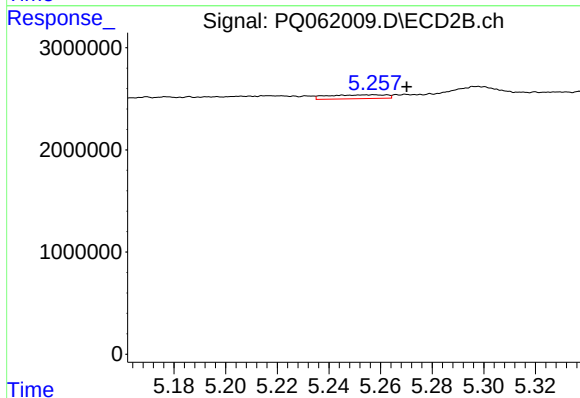
R.T.: 5.052 min
Delta R.T.: 0.008 min
Response: 654115
Conc: 2.80 ng/ml



#29 AR-1254-4

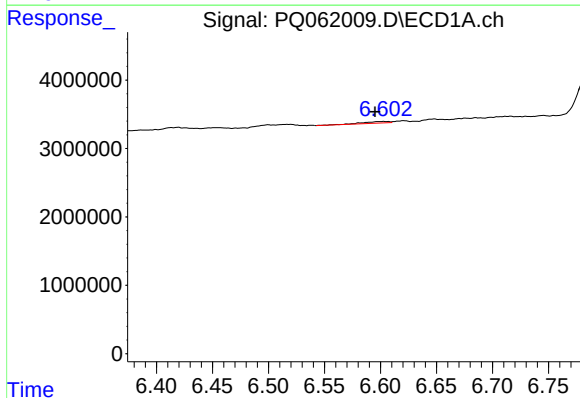
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 1209618
Conc: 5.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



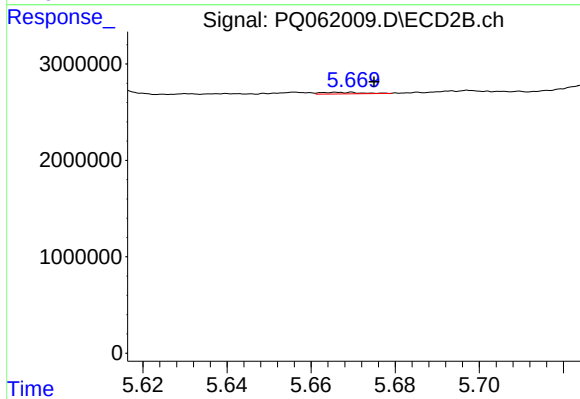
#29 AR-1254-4

R.T.: 5.258 min
Delta R.T.: -0.012 min
Response: 592056
Conc: 3.88 ng/ml



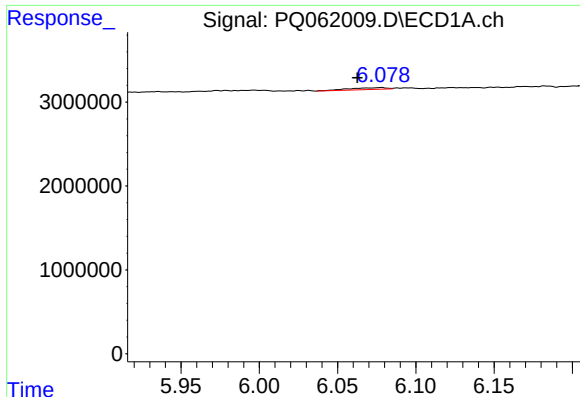
#30 AR-1254-5

R.T.: 6.603 min
Delta R.T.: 0.008 min
Response: 377357
Conc: 1.47 ng/ml



#30 AR-1254-5

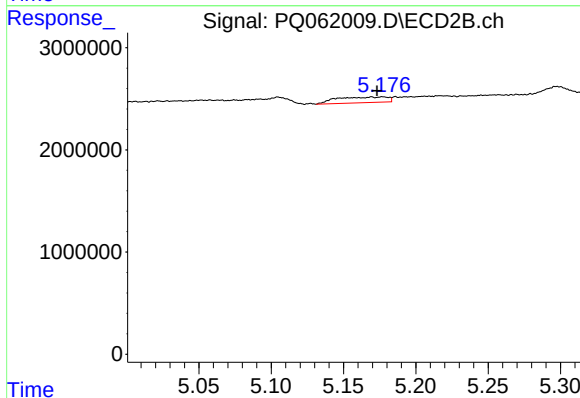
R.T.: 5.666 min
Delta R.T.: -0.009 min
Response: 103876
Conc: 0.45 ng/ml



#31 AR-1260-1

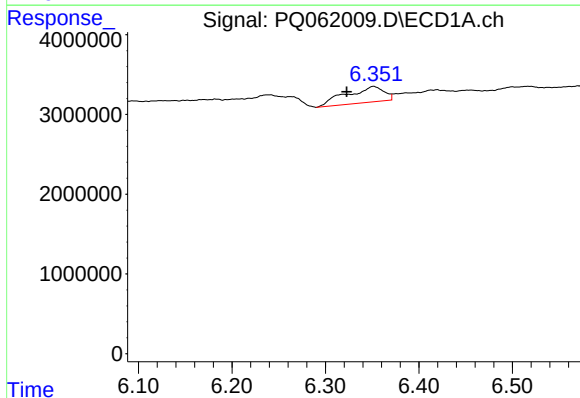
R.T.: 6.078 min
Delta R.T.: 0.015 min
Response: 375845
Conc: 1.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



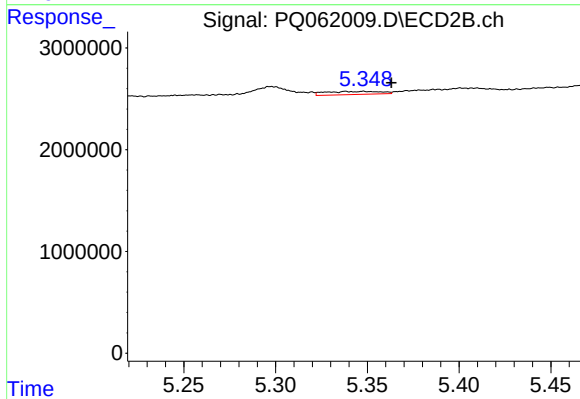
#31 AR-1260-1

R.T.: 5.170 min
Delta R.T.: -0.004 min
Response: 1360724
Conc: 8.17 ng/ml



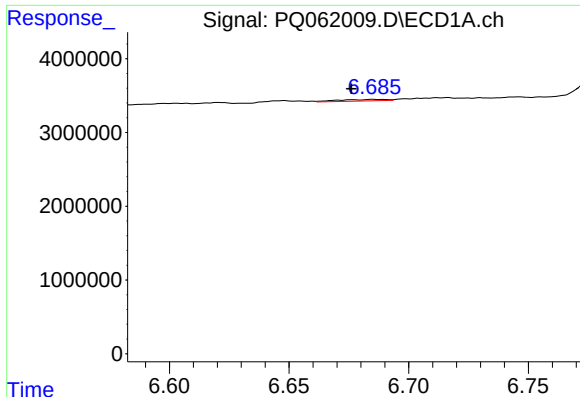
#32 AR-1260-2

R.T.: 6.351 min
Delta R.T.: 0.029 min
Response: 5526674
Conc: 19.14 ng/ml



#32 AR-1260-2

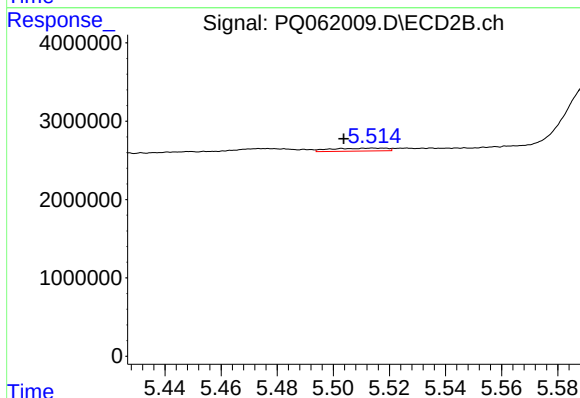
R.T.: 5.348 min
Delta R.T.: -0.015 min
Response: 633745
Conc: 3.05 ng/ml



#33 AR-1260-3

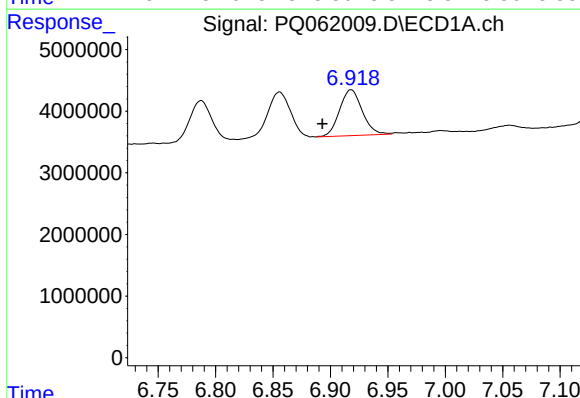
R.T.: 6.685 min
Delta R.T.: 0.009 min
Response: 291286
Conc: 1.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



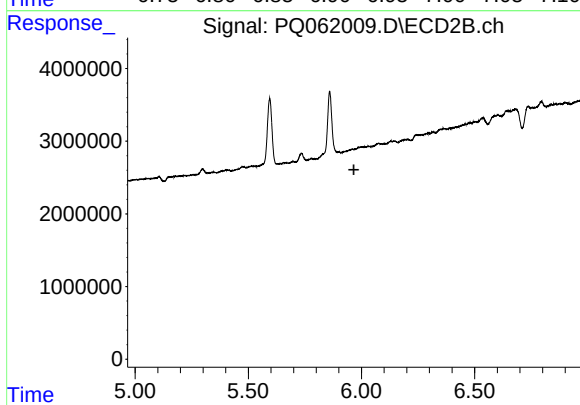
#33 AR-1260-3

R.T.: 5.514 min
Delta R.T.: 0.011 min
Response: 520271
Conc: 2.67 ng/ml



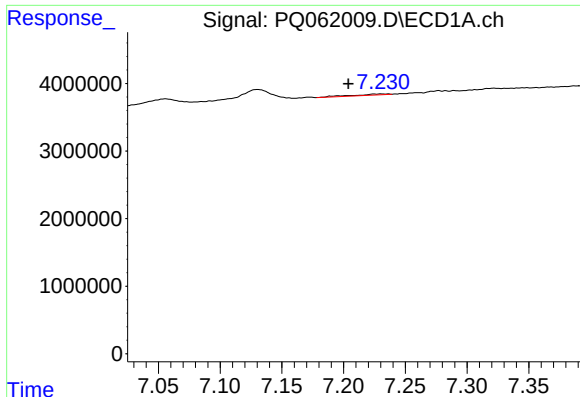
#34 AR-1260-4

R.T.: 6.918 min
Delta R.T.: 0.025 min
Response: 10251199
Conc: 48.66 ng/ml



#34 AR-1260-4

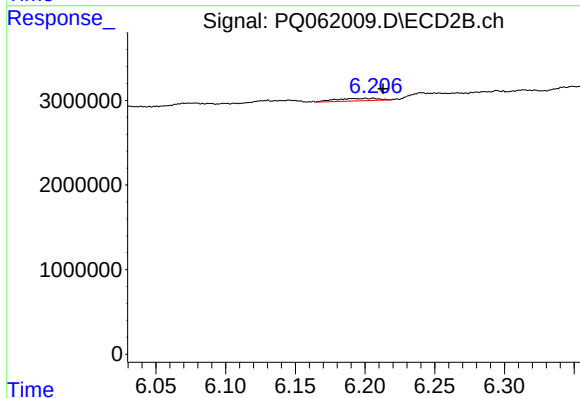
R.T.: 0.000 min
Exp R.T. : 5.967 min
Response: 0
Conc: N.D.



#35 AR-1260-5

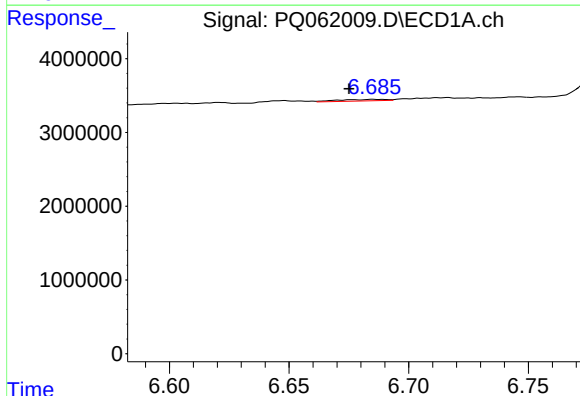
R.T.: 7.231 min
Delta R.T.: 0.027 min
Response: 293958
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



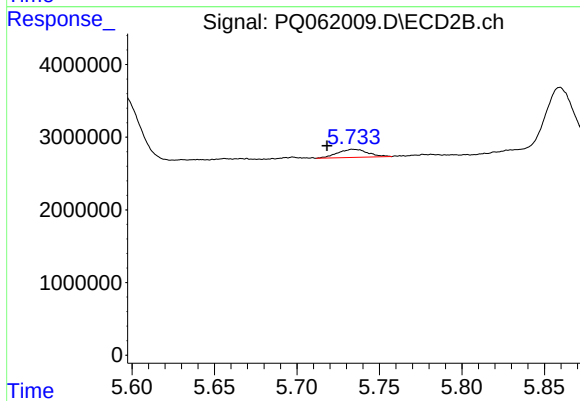
#35 AR-1260-5

R.T.: 6.191 min
Delta R.T.: -0.022 min
Response: 621656
Conc: 1.87 ng/ml



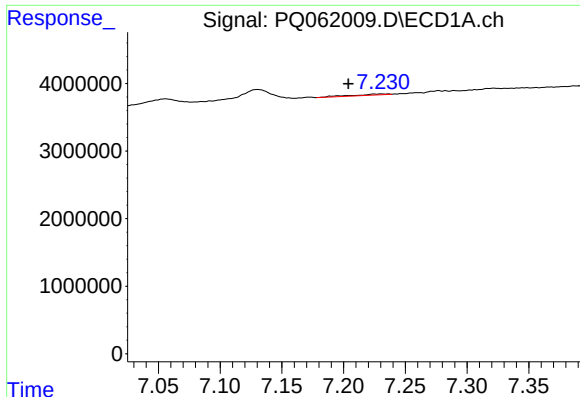
#36 AR-1262-1

R.T.: 6.685 min
Delta R.T.: 0.010 min
Response: 291286
Conc: 0.96 ng/ml



#36 AR-1262-1

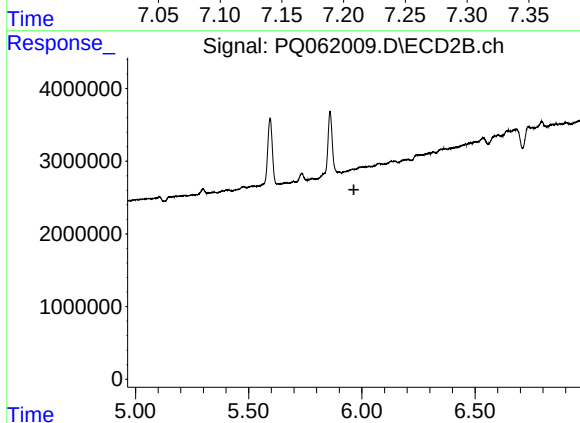
R.T.: 5.734 min
Delta R.T.: 0.016 min
Response: 1426233
Conc: 6.14 ng/ml



#37 AR-1262-2

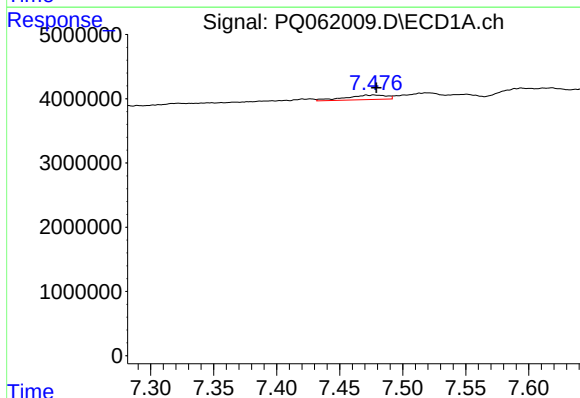
R.T.: 7.231 min
Delta R.T.: 0.027 min
Response: 293958
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



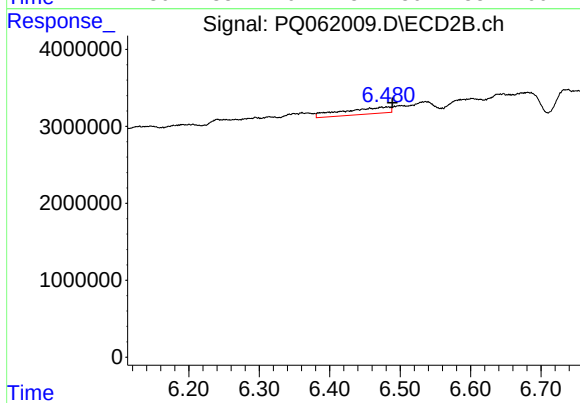
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 5.965 min
Response: 0
Conc: N.D.



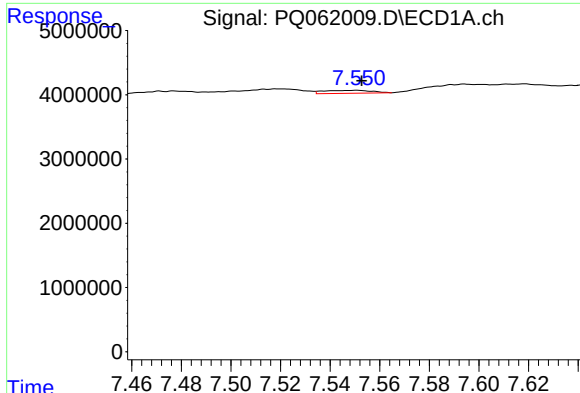
#38 AR-1262-3

R.T.: 7.477 min
Delta R.T.: -0.002 min
Response: 1601697
Conc: 4.55 ng/ml



#38 AR-1262-3

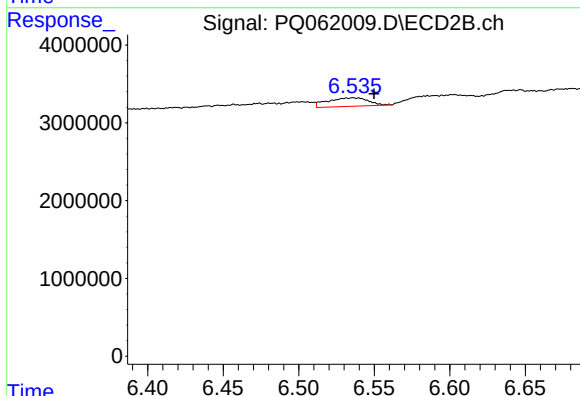
R.T.: 6.482 min
Delta R.T.: -0.007 min
Response: 4039065
Conc: 23.17 ng/ml



#39 AR-1262-4

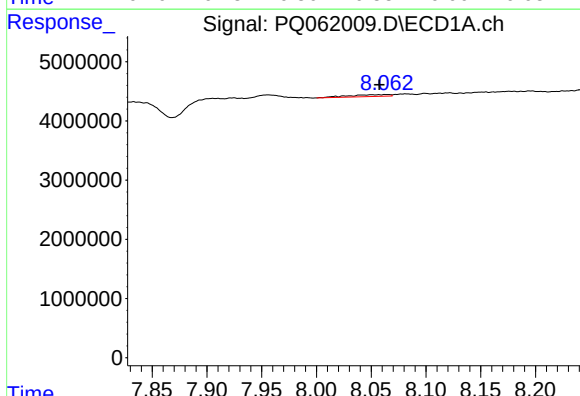
R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 630604
Conc: 2.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



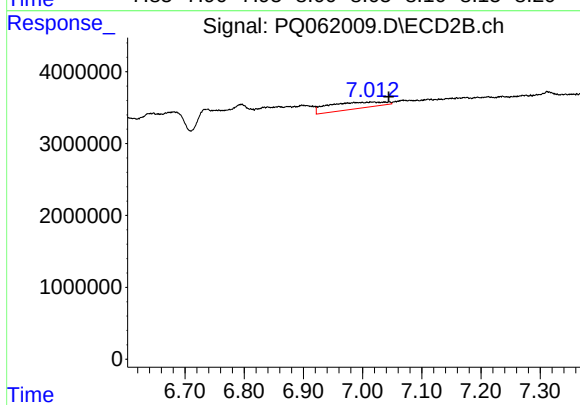
#39 AR-1262-4

R.T.: 6.536 min
Delta R.T.: -0.014 min
Response: 2057476
Conc: 6.38 ng/ml



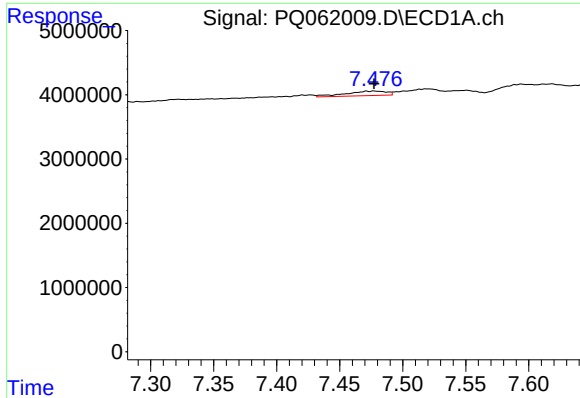
#40 AR-1262-5

R.T.: 8.064 min
Delta R.T.: 0.007 min
Response: 832038
Conc: 4.69 ng/ml



#40 AR-1262-5

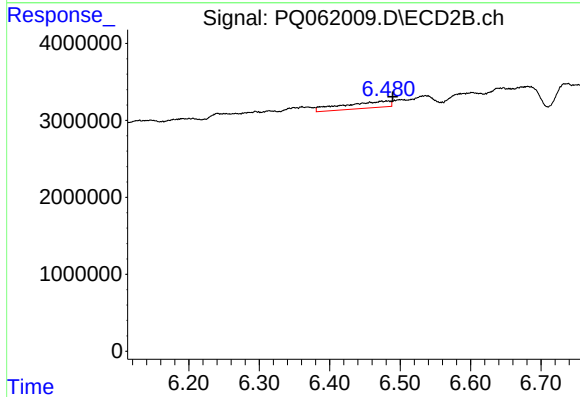
R.T.: 7.045 min
Delta R.T.: 0.001 min
Response: 5882002
Conc: 37.92 ng/ml



#41 AR-1268-1

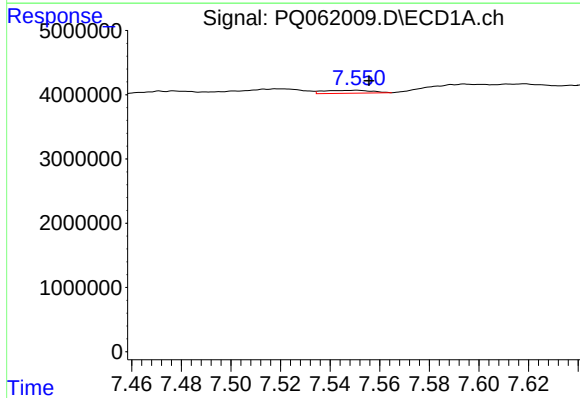
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 1601697
Conc: 2.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



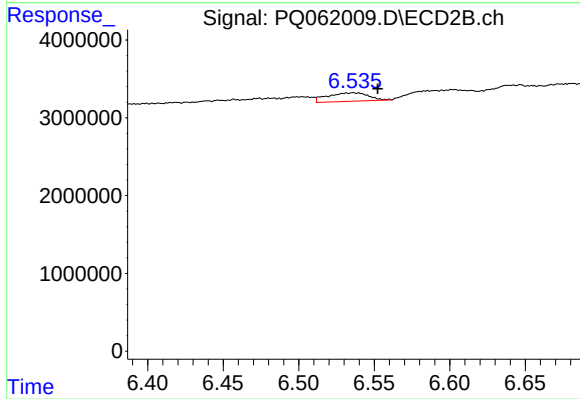
#41 AR-1268-1

R.T.: 6.482 min
Delta R.T.: -0.007 min
Response: 4039065
Conc: 8.58 ng/ml



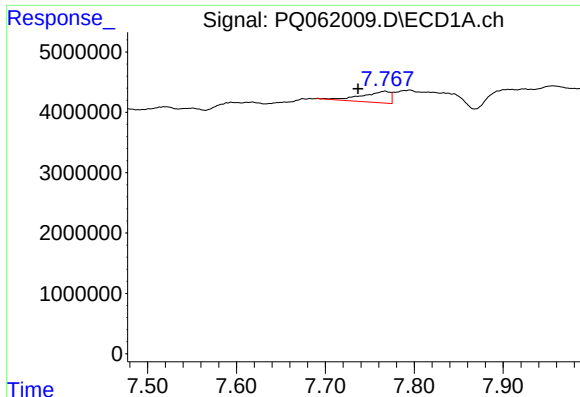
#42 AR-1268-2

R.T.: 7.551 min
Delta R.T.: -0.005 min
Response: 630604
Conc: 1.24 ng/ml



#42 AR-1268-2

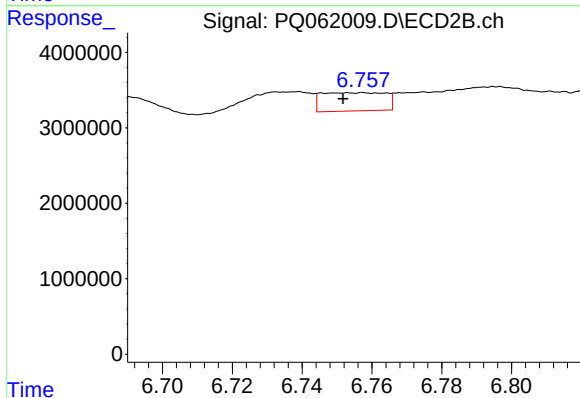
R.T.: 6.536 min
Delta R.T.: -0.016 min
Response: 2057476
Conc: 4.86 ng/ml



#43 AR-1268-3

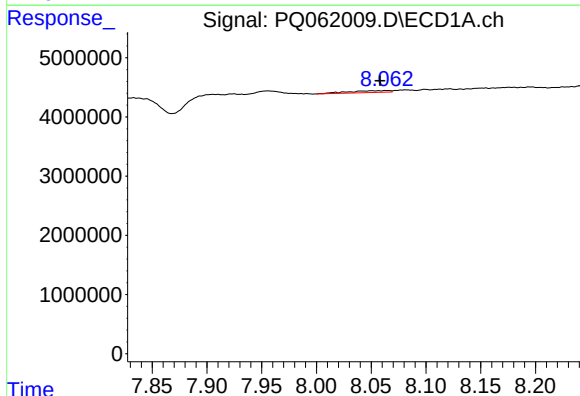
R.T.: 7.767 min
Delta R.T.: 0.030 min
Response: 4162855
Conc: 9.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



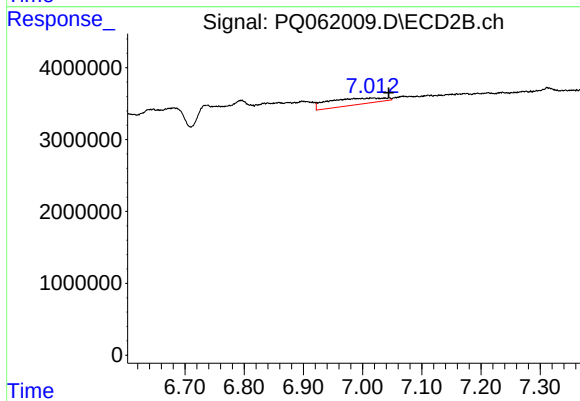
#43 AR-1268-3

R.T.: 6.757 min
Delta R.T.: 0.006 min
Response: 3071044
Conc: 8.34 ng/ml



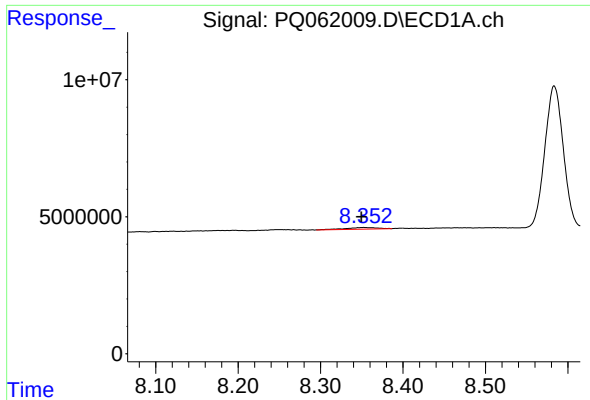
#44 AR-1268-4

R.T.: 8.064 min
Delta R.T.: 0.006 min
Response: 832038
Conc: 4.55 ng/ml



#44 AR-1268-4

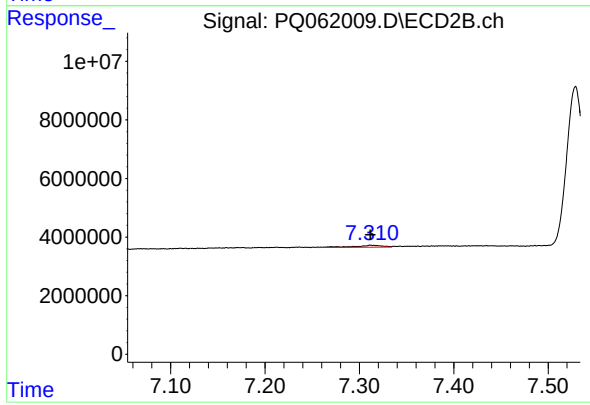
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 5882002
Conc: 36.78 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 1566793
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
005



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 1530468
Conc: 1.31 ng/ml