

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 21:34
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:38:40 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...	3.437	2.798	453.6E6	241.8E6	19.713	21.492
2)	SA Decachlor...	8.567	7.525	283.8E6	236.0E6	20.927	21.985
Target Compounds							
3)	L1 AR-1016-1	4.520	3.789	13192489	6354045	16.595	16.286
4)	L1 AR-1016-2	4.539	3.804	17785732	7996669	14.862	13.556
5)	L1 AR-1016-3	4.597	3.964	10019424	4756122	13.520	15.128
6)	L1 AR-1016-4	4.685	4.009	9709028	10390482	15.652	42.388 #
7)	L1 AR-1016-5	4.966	4.202	32297086	20397137	54.897	63.868
8)	L2 AR-1221-1	3.621	2.986	2105685	292745	8.790	2.605 #
9)	L2 AR-1221-2	3.712	3.066	8809048	3740006	50.396	44.928
10)	L2 AR-1221-3	3.779	3.141	3598776	871373	6.879	3.373 #
11)	L3 AR-1232-1	3.779	3.141	3598776	871373	6.854	3.255 #
12)	L3 AR-1232-2	4.266	3.804	7709051	7996669	28.866	29.777
13)	L3 AR-1232-3	4.539	3.964	17785732	4756122	32.613	34.152
14)	L3 AR-1232-4	4.685	4.045	9709028	12055020	35.937	101.574 #
15)	L3 AR-1232-5	4.779	4.202	21731071	20397137	116.416	149.680 #
16)	L4 AR-1242-1	4.520	3.789	13192489	6354045	21.364	19.760
17)	L4 AR-1242-2	4.539	3.804	17785732	7996669	18.942	16.692
18)	L4 AR-1242-3	4.597	3.964	10019424	4756122	17.346	18.346
19)	L4 AR-1242-4	4.685	4.045	9709028	12055020	19.911	50.365 #
20)	L4 AR-1242-5	5.387	4.533	36419847	18833779	73.026	61.000
21)	L5 AR-1248-1	4.520	3.789	13192489	6354045	27.669	25.940
22)	L5 AR-1248-2	4.779	4.009	21731071	10390482	34.940	30.173
23)	L5 AR-1248-3	4.966	4.045	32297086	12055020	42.615	34.578
24)	L5 AR-1248-4	5.351	4.202	30991264	20397137	37.109	48.195 #
25)	L5 AR-1248-5	5.387	4.569	36419847	18023273	43.546	42.343
26)	L6 AR-1254-1	5.324	4.533	42518987	18833779	50.831	29.087 #
27)	L6 AR-1254-2	5.535	4.675	31634658	7558943	24.725	13.722 #
28)	L6 AR-1254-3	5.883	5.050	15844276	4852775	11.663	5.660 #
29)	L6 AR-1254-4	6.166	5.273	20810811	3511943	20.983	6.273 #
30)	L6 AR-1254-5	6.580	5.670	2874521	1663401	2.738	2.052 #
31)	L7 AR-1260-1	6.060	5.183	312044	3987891	0.298	6.493 #
32)	L7 AR-1260-2	6.303	5.383	1563304	517556	1.261	0.694 #
33)	L7 AR-1260-3	6.680	5.514	297774	6445317	0.333	8.868 #
34)	L7 AR-1260-4	6.893	5.986f	681035	569305	0.691	0.966 #
35)	L7 AR-1260-5	7.196	6.210	582996	511088	0.300	0.372
36)	L8 AR-1262-1	6.645	5.730f	638493	651320	0.555	0.833 #
37)	L8 AR-1262-2	7.184	6.210	329731	511088	0.164	0.360 #
38)	L8 AR-1262-3	7.457	0.000	204833	0	0.156	N.D. #
39)	L8 AR-1262-4	7.552f	6.556f	3857041	292552	3.772	0.274 #
40)	L8 AR-1262-5	8.040	7.040	597744	1764674	0.919	3.408 #
41)	L9 AR-1268-1	7.457	0.000	204833	0	0.090	N.D. #

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 Acq On : 24 Feb 2023 21:34
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 30 Sample Multiplier: 1

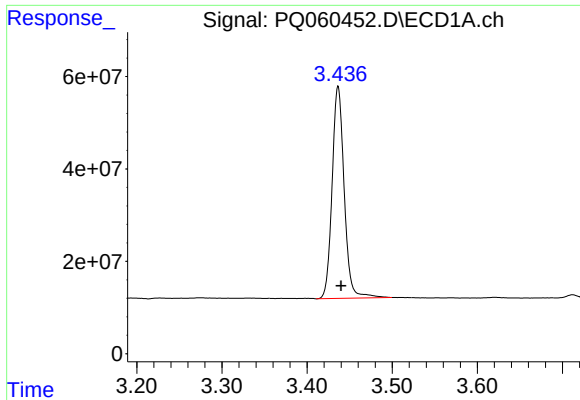
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:38:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	7.552	6.556	3857041	292552	1.817	0.188 #
43) L9	AR-1268-3	7.723	6.747	540998	1531225	0.311	1.125 #
44) L9	AR-1268-4	8.040	7.040	597744	1764674	0.804	2.991 #
45) L9	AR-1268-5	8.341	7.307	1496569	3646369	0.291	0.855 #

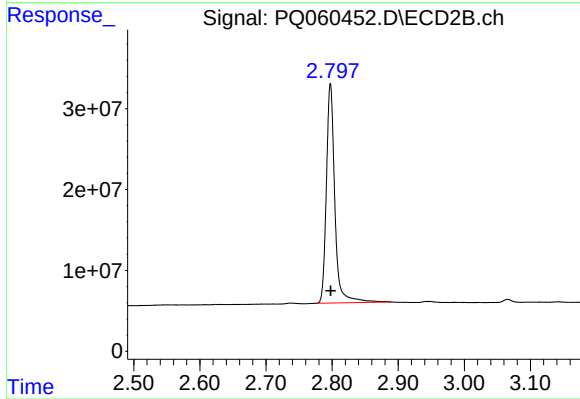
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

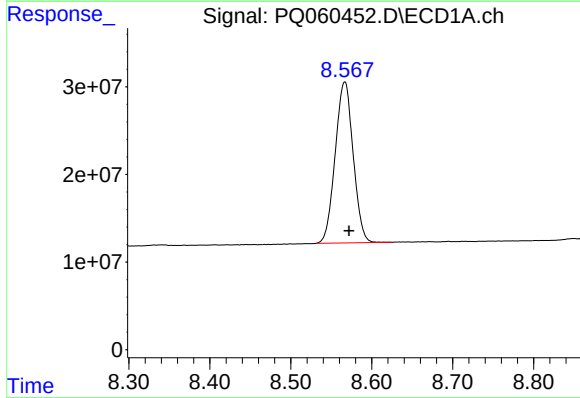
R.T.: 3.437 min
Delta R.T.: -0.003 min
Response: 453595806
Conc: 19.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



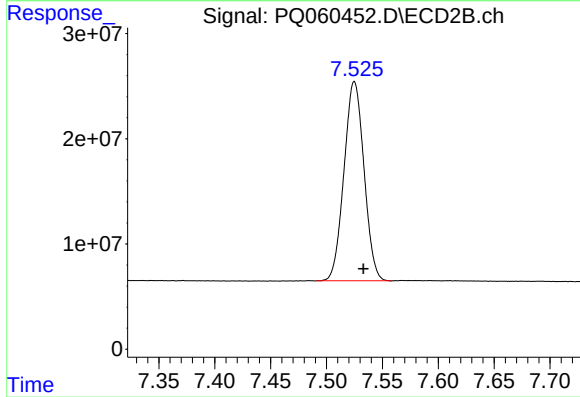
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 241779787
Conc: 21.49 ng/ml



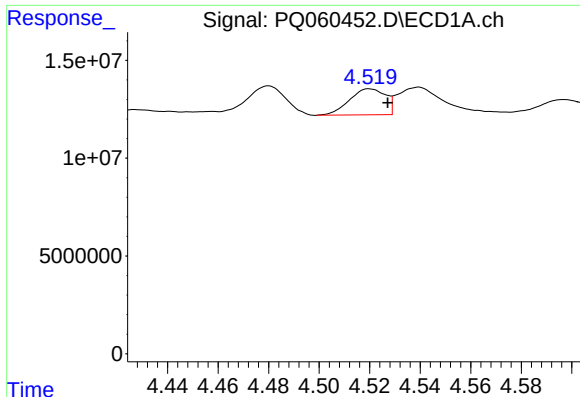
#2 Decachlorobiphenyl

R.T.: 8.567 min
Delta R.T.: -0.005 min
Response: 283757927
Conc: 20.93 ng/ml



#2 Decachlorobiphenyl

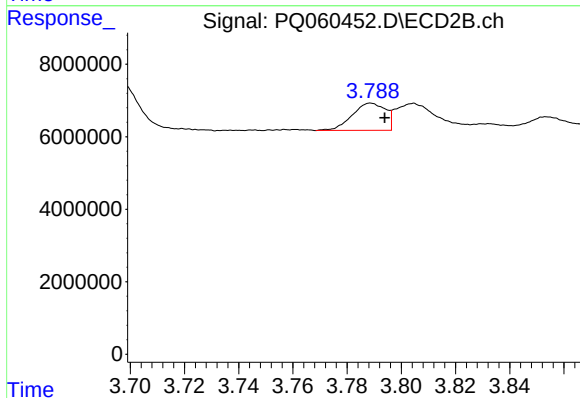
R.T.: 7.525 min
Delta R.T.: -0.008 min
Response: 235954011
Conc: 21.99 ng/ml



#3 AR-1016-1

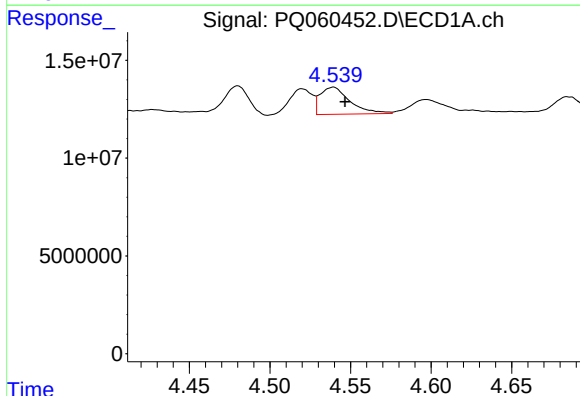
R.T.: 4.520 min
Delta R.T.: -0.007 min
Response: 13192489
Conc: 16.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



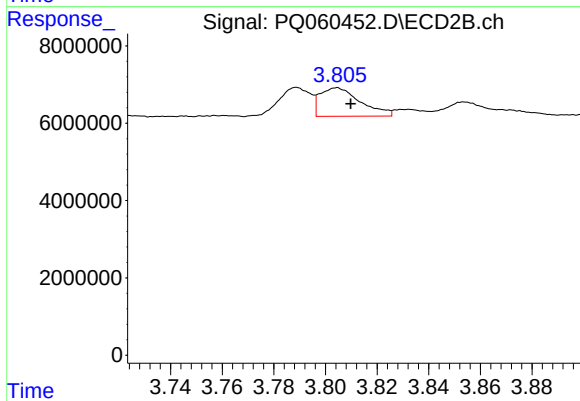
#3 AR-1016-1

R.T.: 3.789 min
Delta R.T.: -0.005 min
Response: 6354045
Conc: 16.29 ng/ml



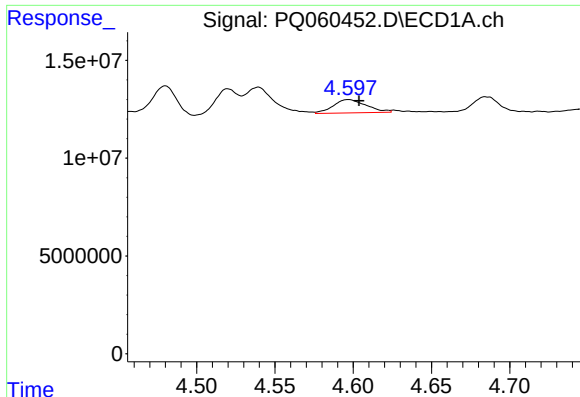
#4 AR-1016-2

R.T.: 4.539 min
Delta R.T.: -0.007 min
Response: 17785732
Conc: 14.86 ng/ml



#4 AR-1016-2

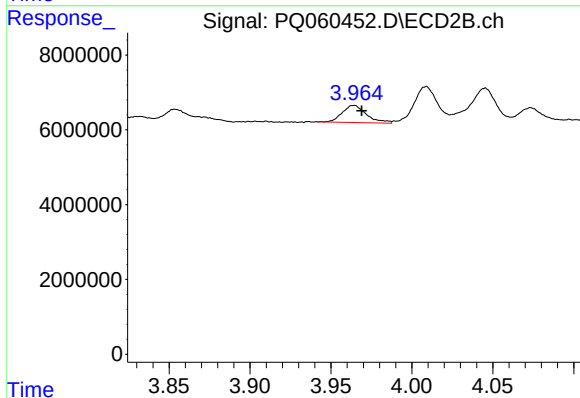
R.T.: 3.804 min
Delta R.T.: -0.005 min
Response: 7996669
Conc: 13.56 ng/ml



#5 AR-1016-3

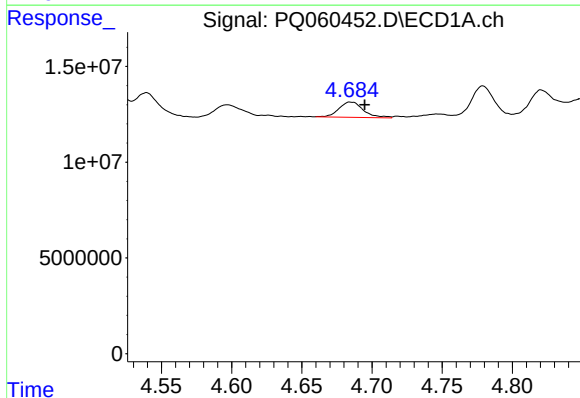
R.T.: 4.597 min
Delta R.T.: -0.007 min
Response: 10019424
Conc: 13.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



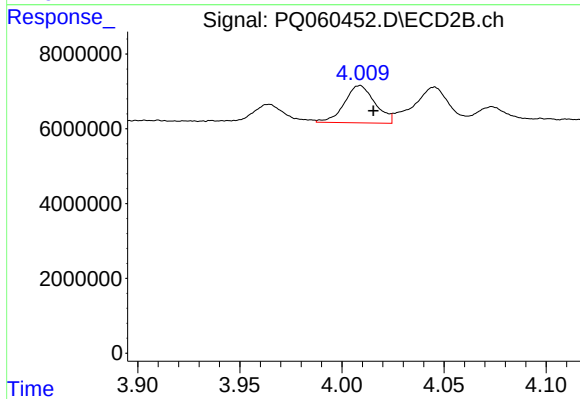
#5 AR-1016-3

R.T.: 3.964 min
Delta R.T.: -0.005 min
Response: 4756122
Conc: 15.13 ng/ml



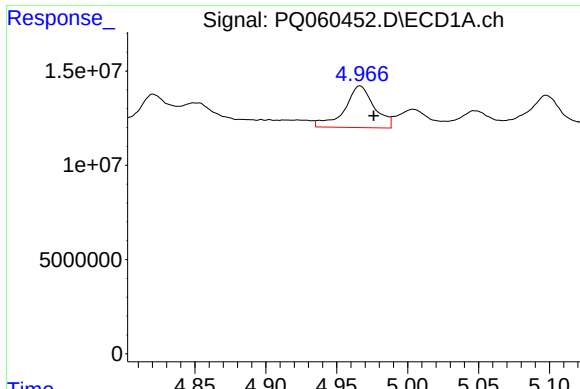
#6 AR-1016-4

R.T.: 4.685 min
Delta R.T.: -0.010 min
Response: 9709028
Conc: 15.65 ng/ml



#6 AR-1016-4

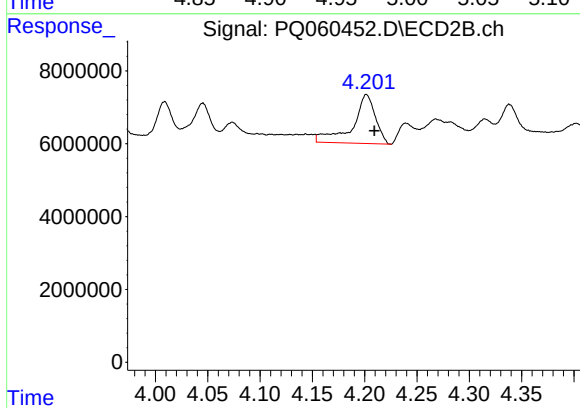
R.T.: 4.009 min
Delta R.T.: -0.007 min
Response: 10390482
Conc: 42.39 ng/ml



#7 AR-1016-5

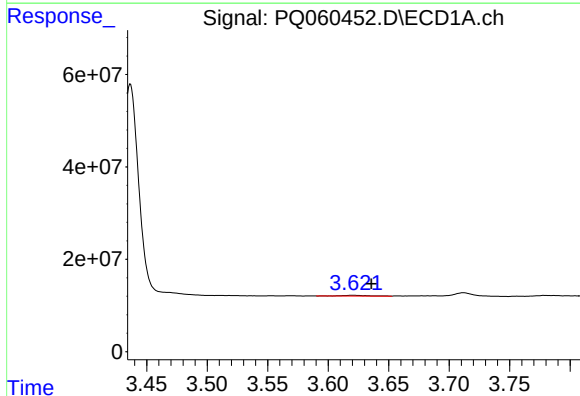
R.T.: 4.966 min
Delta R.T.: -0.010 min
Response: 32297086
Conc: 54.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



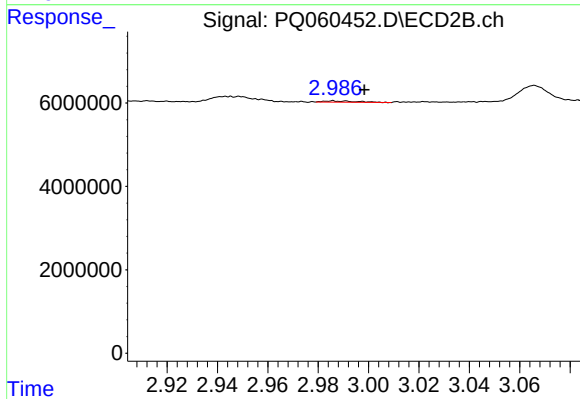
#7 AR-1016-5

R.T.: 4.202 min
Delta R.T.: -0.007 min
Response: 20397137
Conc: 63.87 ng/ml



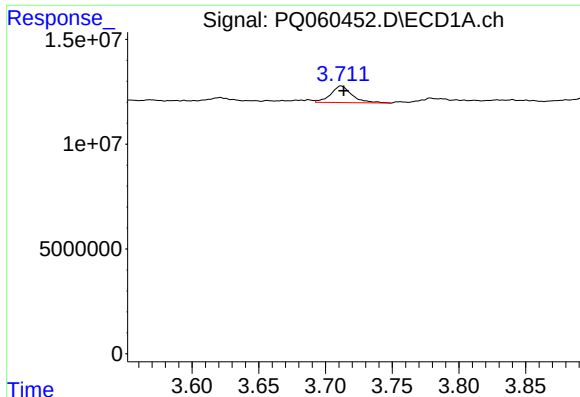
#8 AR-1221-1

R.T.: 3.621 min
Delta R.T.: -0.015 min
Response: 2105685
Conc: 8.79 ng/ml



#8 AR-1221-1

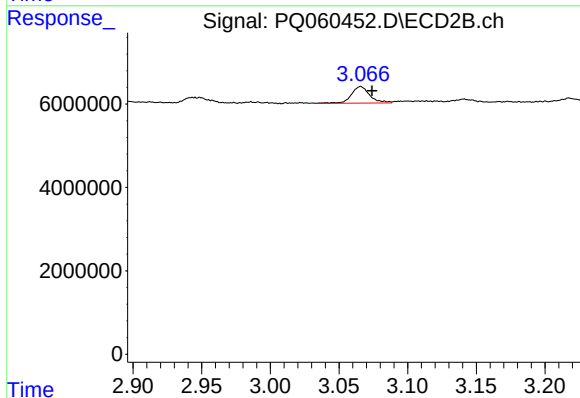
R.T.: 2.986 min
Delta R.T.: -0.013 min
Response: 292745
Conc: 2.60 ng/ml



#9 AR-1221-2

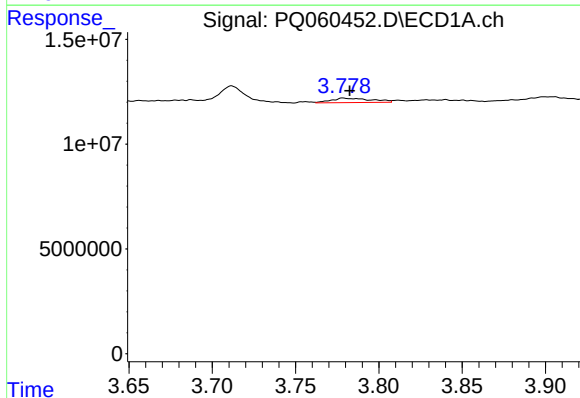
R.T.: 3.712 min
Delta R.T.: -0.002 min
Response: 8809048
Conc: 50.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



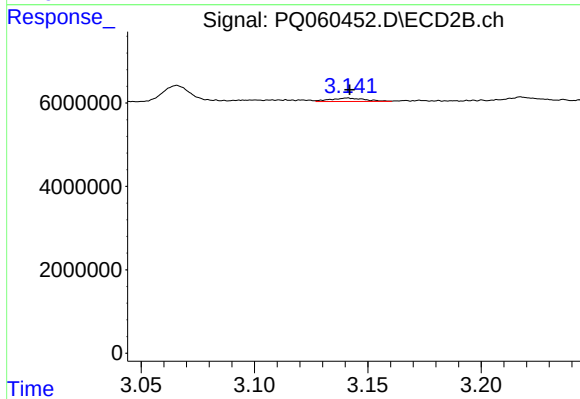
#9 AR-1221-2

R.T.: 3.066 min
Delta R.T.: -0.008 min
Response: 3740006
Conc: 44.93 ng/ml



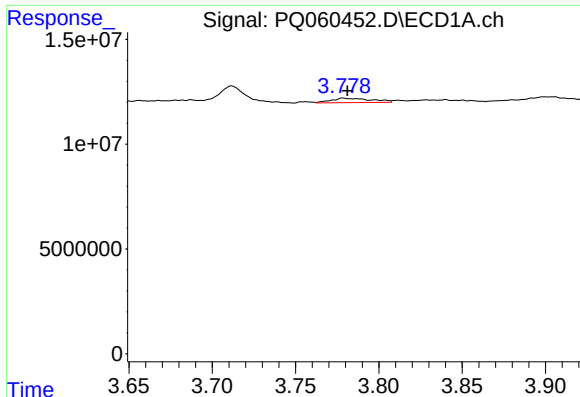
#10 AR-1221-3

R.T.: 3.779 min
Delta R.T.: -0.004 min
Response: 3598776
Conc: 6.88 ng/ml



#10 AR-1221-3

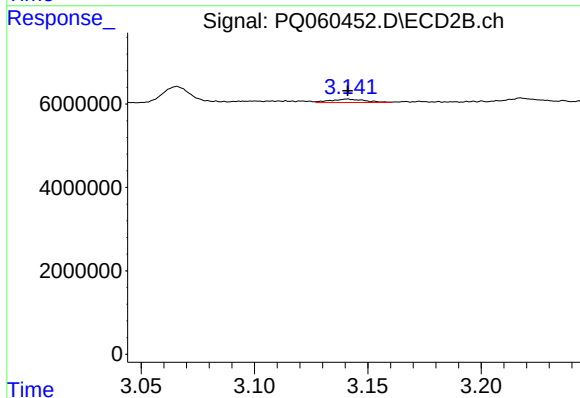
R.T.: 3.141 min
Delta R.T.: 0.000 min
Response: 871373
Conc: 3.37 ng/ml



#11 AR-1232-1

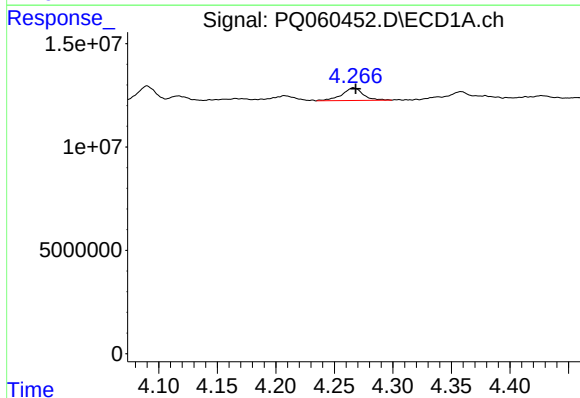
R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 3598776
Conc: 6.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



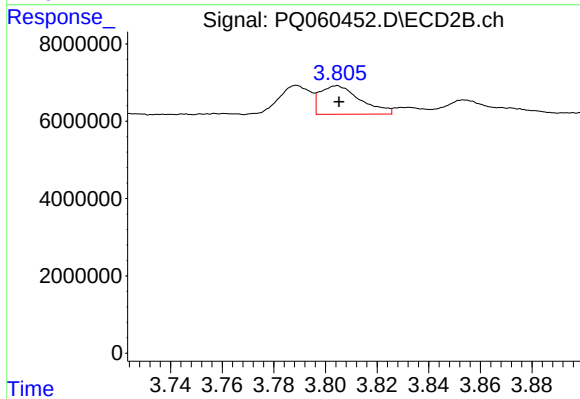
#11 AR-1232-1

R.T.: 3.141 min
Delta R.T.: 0.000 min
Response: 871373
Conc: 3.25 ng/ml



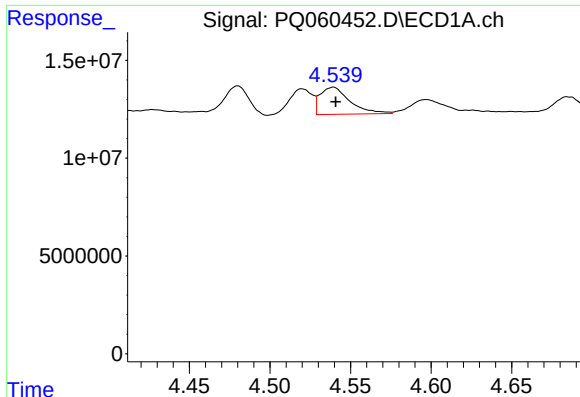
#12 AR-1232-2

R.T.: 4.266 min
Delta R.T.: -0.002 min
Response: 7709051
Conc: 28.87 ng/ml



#12 AR-1232-2

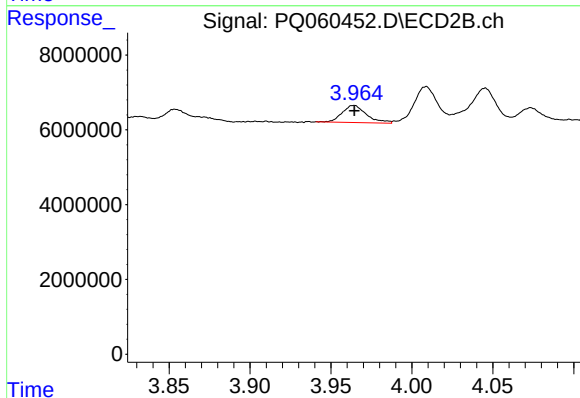
R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 7996669
Conc: 29.78 ng/ml



#13 AR-1232-3

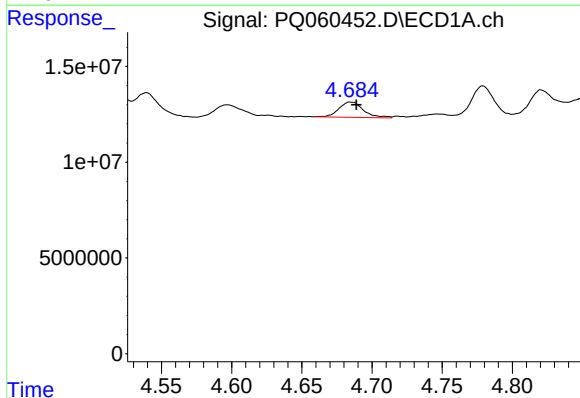
R.T.: 4.539 min
Delta R.T.: -0.002 min
Response: 17785732
Conc: 32.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



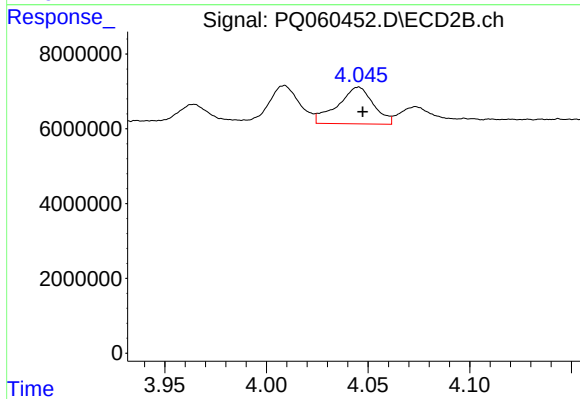
#13 AR-1232-3

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 4756122
Conc: 34.15 ng/ml



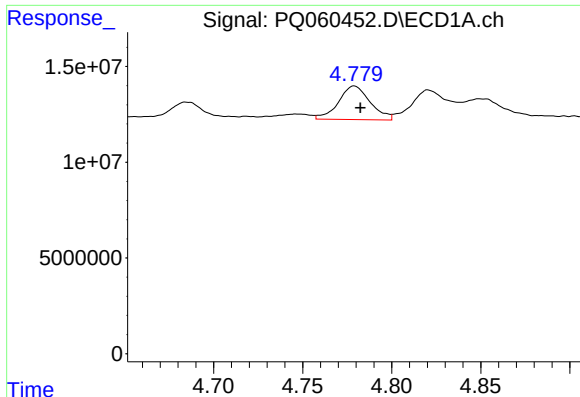
#14 AR-1232-4

R.T.: 4.685 min
Delta R.T.: -0.004 min
Response: 9709028
Conc: 35.94 ng/ml



#14 AR-1232-4

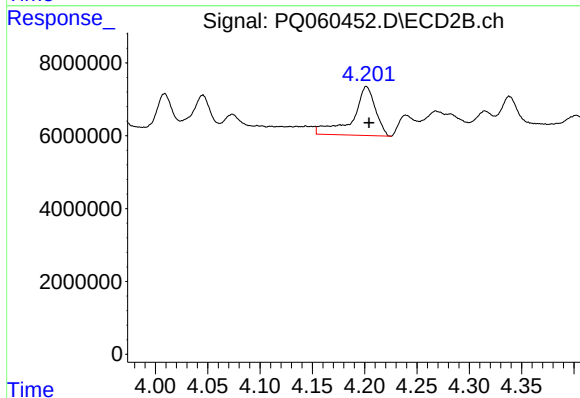
R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 12055020
Conc: 101.57 ng/ml



#15 AR-1232-5

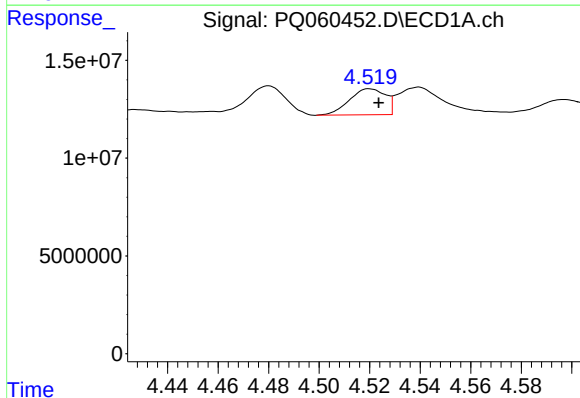
R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 21731071
Conc: 116.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



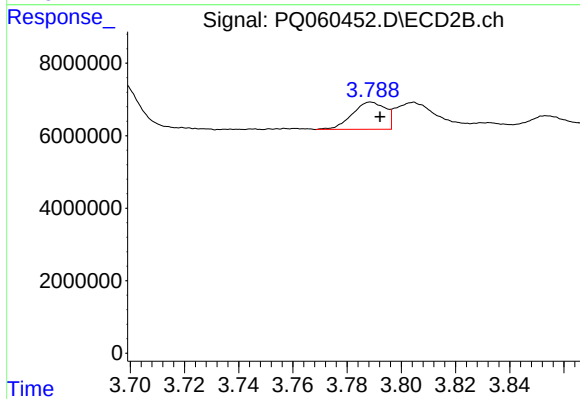
#15 AR-1232-5

R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 20397137
Conc: 149.68 ng/ml



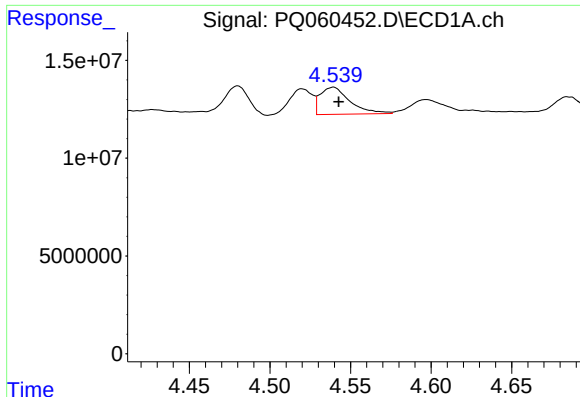
#16 AR-1242-1

R.T.: 4.520 min
Delta R.T.: -0.004 min
Response: 13192489
Conc: 21.36 ng/ml



#16 AR-1242-1

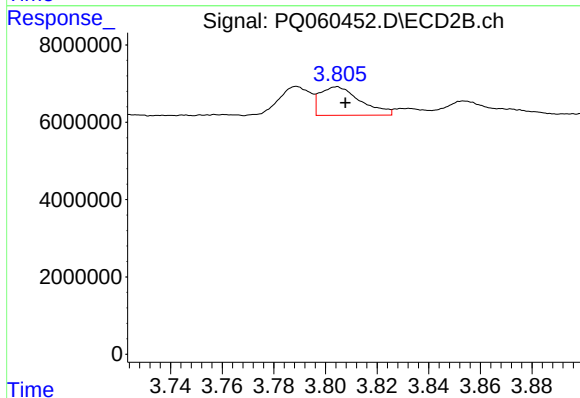
R.T.: 3.789 min
Delta R.T.: -0.003 min
Response: 6354045
Conc: 19.76 ng/ml



#17 AR-1242-2

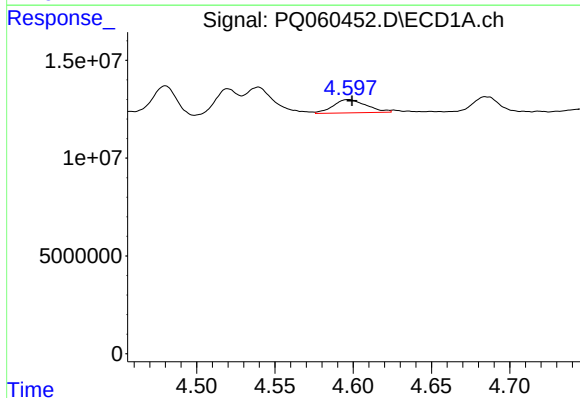
R.T.: 4.539 min
Delta R.T.: -0.003 min
Response: 17785732
Conc: 18.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



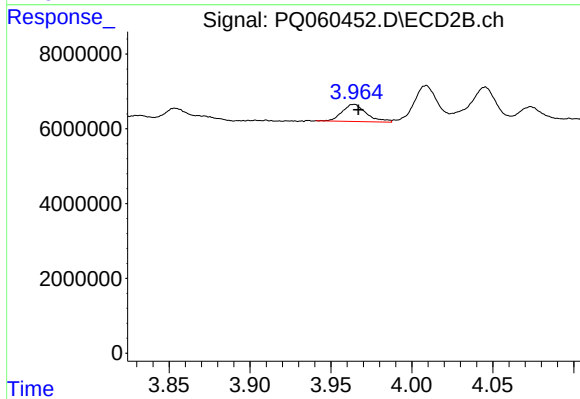
#17 AR-1242-2

R.T.: 3.804 min
Delta R.T.: -0.003 min
Response: 7996669
Conc: 16.69 ng/ml



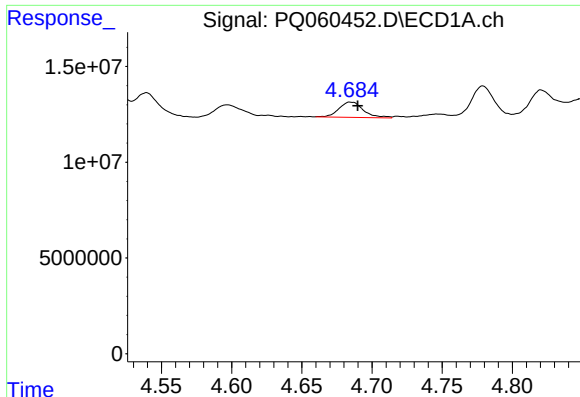
#18 AR-1242-3

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 10019424
Conc: 17.35 ng/ml



#18 AR-1242-3

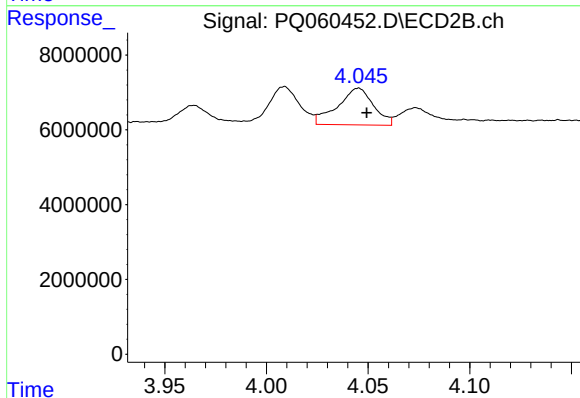
R.T.: 3.964 min
Delta R.T.: -0.003 min
Response: 4756122
Conc: 18.35 ng/ml



#19 AR-1242-4

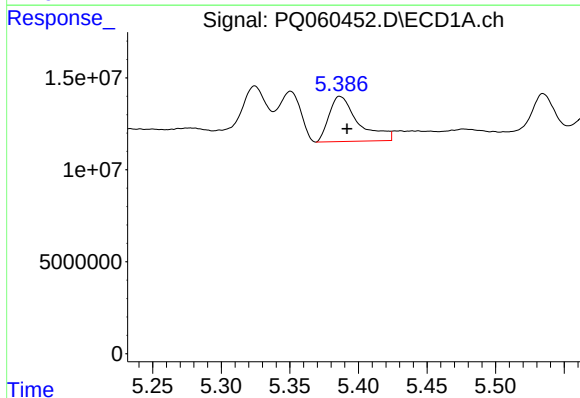
R.T.: 4.685 min
Delta R.T.: -0.005 min
Response: 9709028
Conc: 19.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



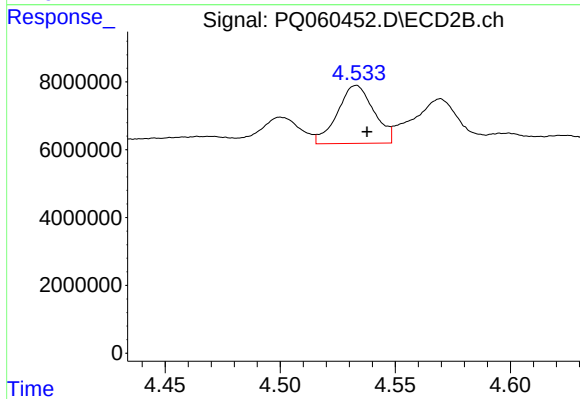
#19 AR-1242-4

R.T.: 4.045 min
Delta R.T.: -0.004 min
Response: 12055020
Conc: 50.36 ng/ml



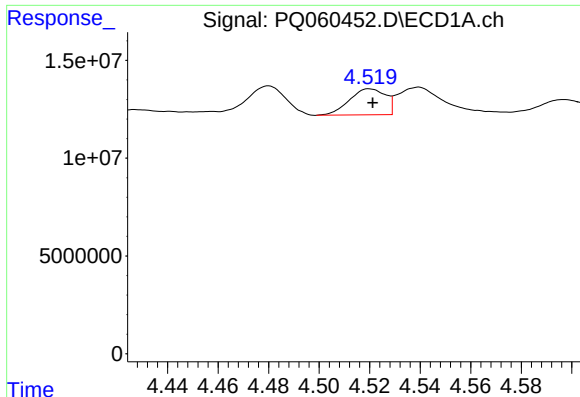
#20 AR-1242-5

R.T.: 5.387 min
Delta R.T.: -0.005 min
Response: 36419847
Conc: 73.03 ng/ml



#20 AR-1242-5

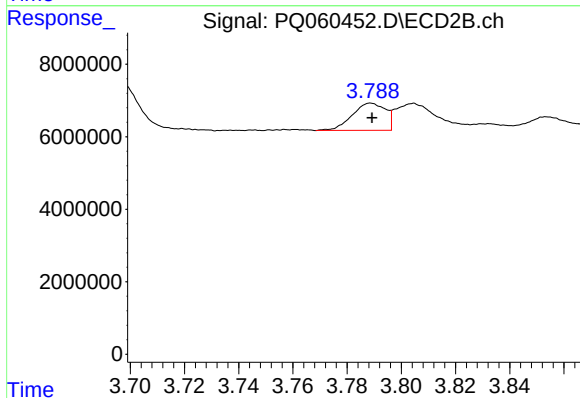
R.T.: 4.533 min
Delta R.T.: -0.005 min
Response: 18833779
Conc: 61.00 ng/ml



#21 AR-1248-1

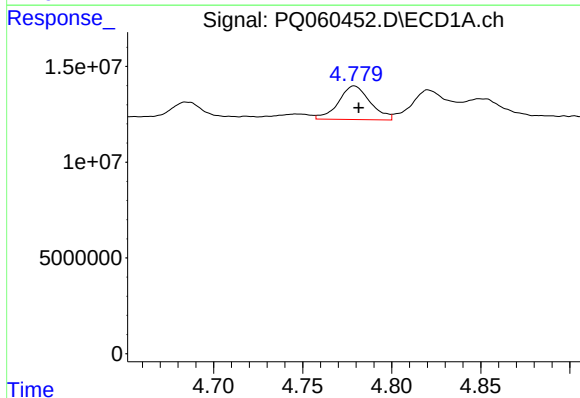
R.T.: 4.520 min
Delta R.T.: -0.001 min
Response: 13192489
Conc: 27.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



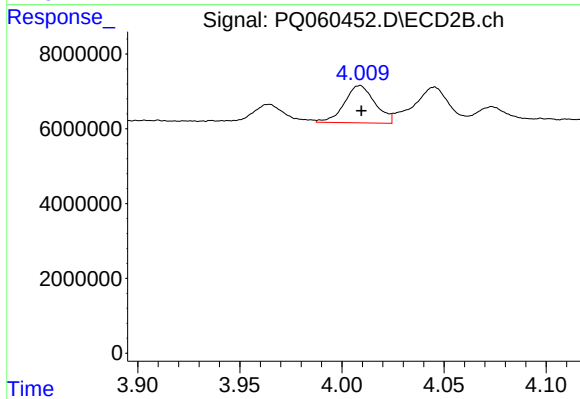
#21 AR-1248-1

R.T.: 3.789 min
Delta R.T.: 0.000 min
Response: 6354045
Conc: 25.94 ng/ml



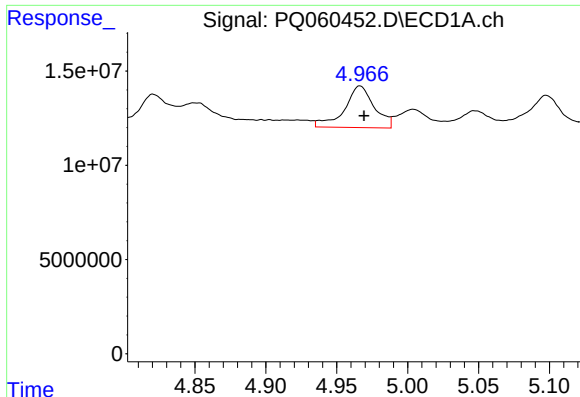
#22 AR-1248-2

R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 21731071
Conc: 34.94 ng/ml



#22 AR-1248-2

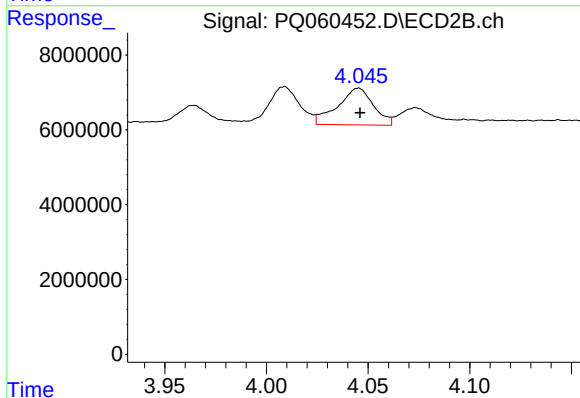
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 10390482
Conc: 30.17 ng/ml



#23 AR-1248-3

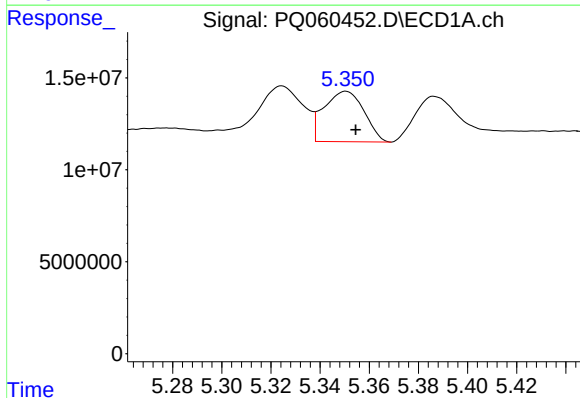
R.T.: 4.966 min
Delta R.T.: -0.003 min
Response: 32297086
Conc: 42.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



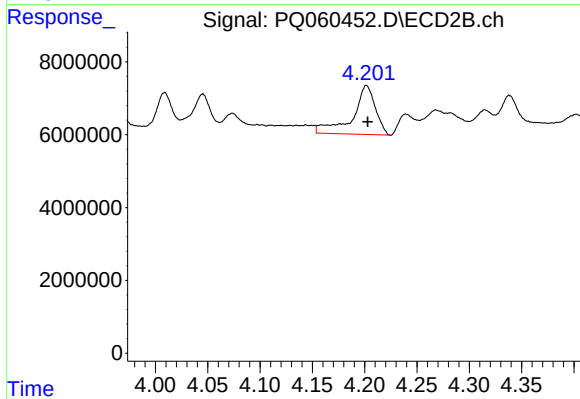
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 12055020
Conc: 34.58 ng/ml



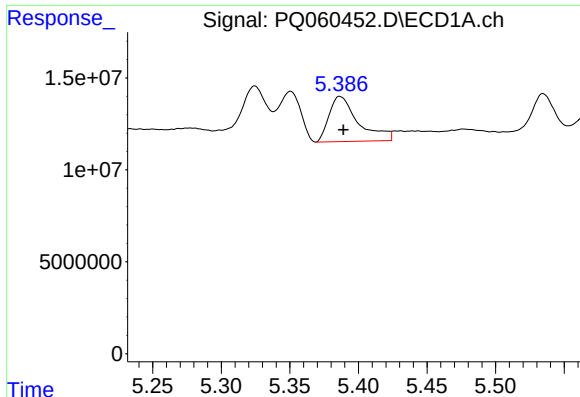
#24 AR-1248-4

R.T.: 5.351 min
Delta R.T.: -0.004 min
Response: 30991264
Conc: 37.11 ng/ml



#24 AR-1248-4

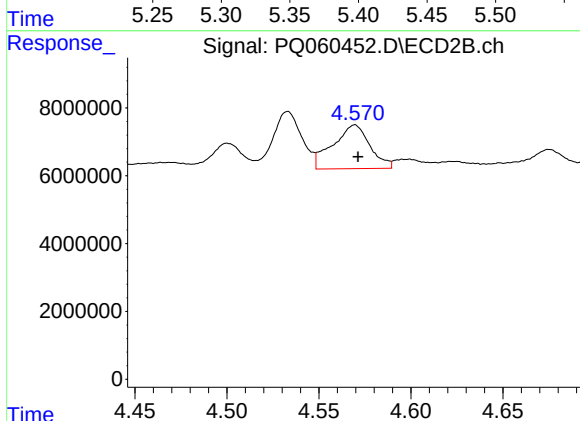
R.T.: 4.202 min
Delta R.T.: -0.001 min
Response: 20397137
Conc: 48.20 ng/ml



#25 AR-1248-5

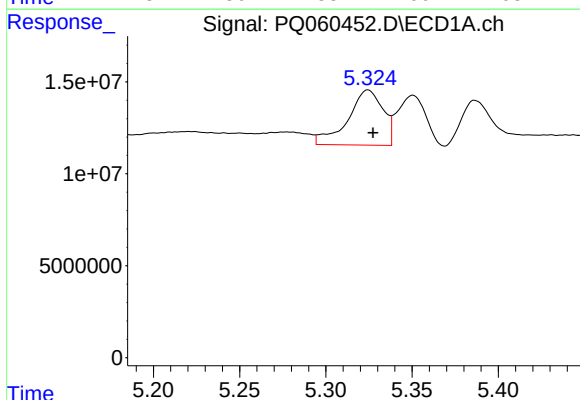
R.T.: 5.387 min
Delta R.T.: -0.003 min
Response: 36419847
Conc: 43.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



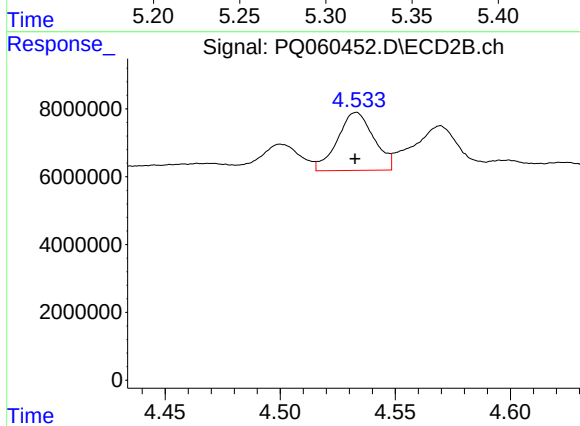
#25 AR-1248-5

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 18023273
Conc: 42.34 ng/ml



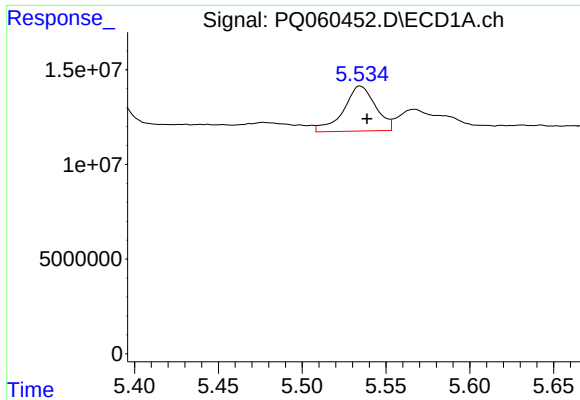
#26 AR-1254-1

R.T.: 5.324 min
Delta R.T.: -0.003 min
Response: 42518987
Conc: 50.83 ng/ml



#26 AR-1254-1

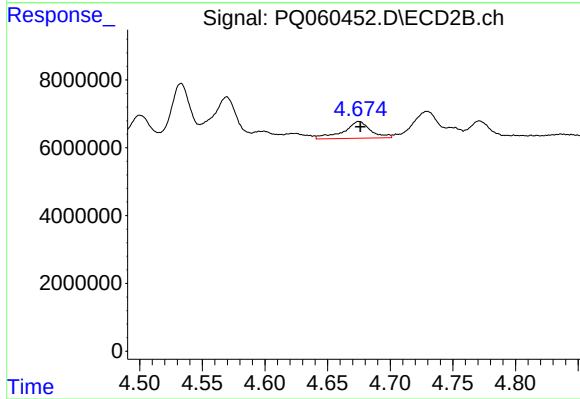
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 18833779
Conc: 29.09 ng/ml



#27 AR-1254-2

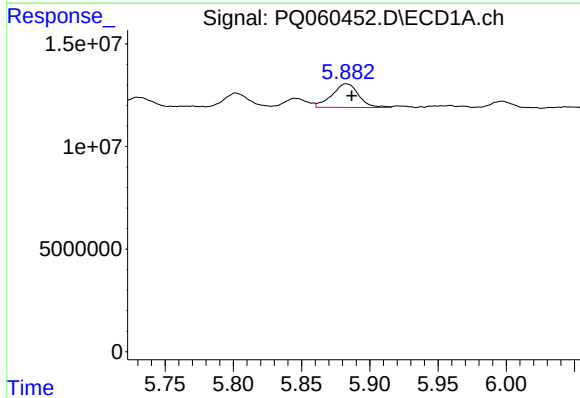
R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 31634658
Conc: 24.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



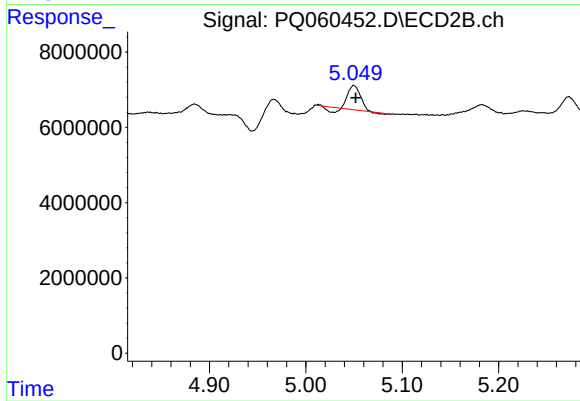
#27 AR-1254-2

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 7558943
Conc: 13.72 ng/ml



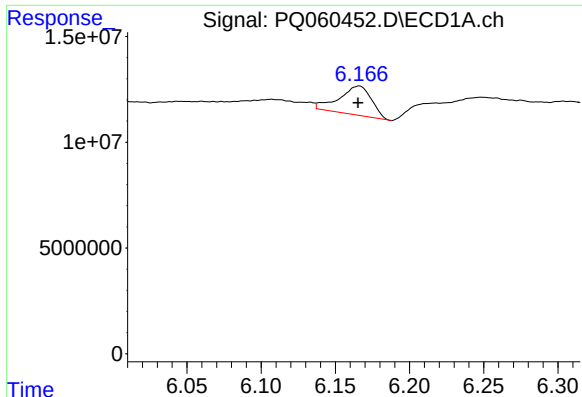
#28 AR-1254-3

R.T.: 5.883 min
Delta R.T.: -0.004 min
Response: 15844276
Conc: 11.66 ng/ml



#28 AR-1254-3

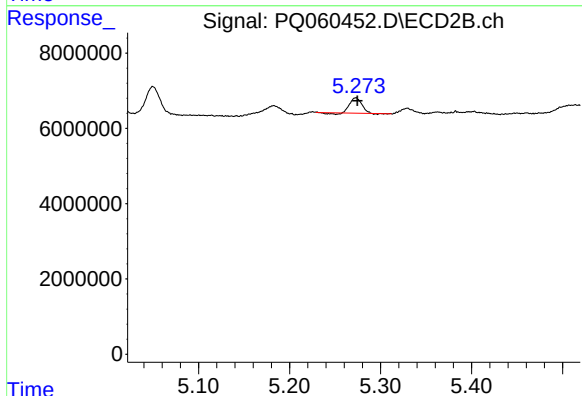
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 4852775
Conc: 5.66 ng/ml



#29 AR-1254-4

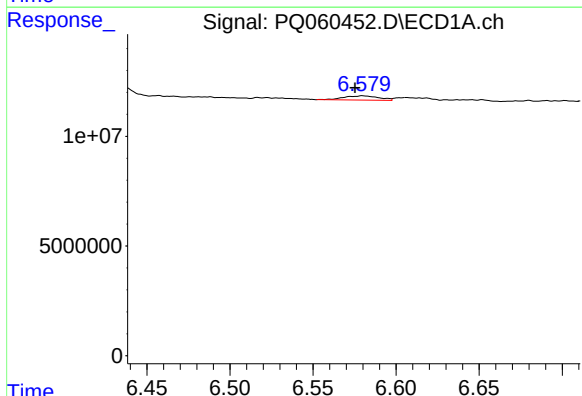
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 20810811
Conc: 20.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



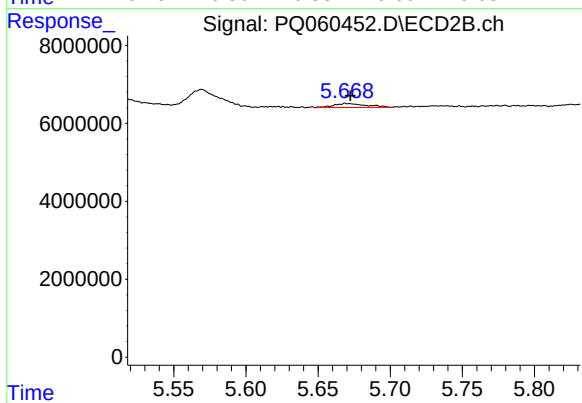
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: -0.002 min
Response: 3511943
Conc: 6.27 ng/ml



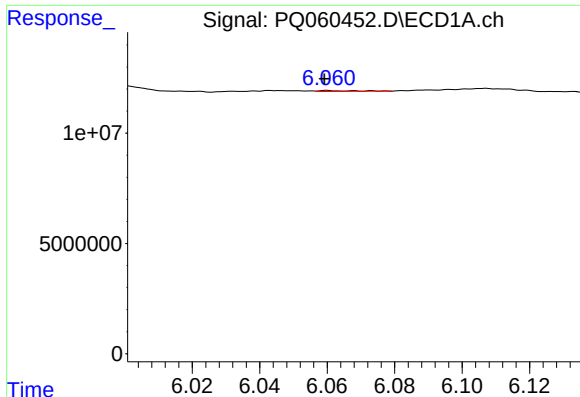
#30 AR-1254-5

R.T.: 6.580 min
Delta R.T.: 0.005 min
Response: 2874521
Conc: 2.74 ng/ml



#30 AR-1254-5

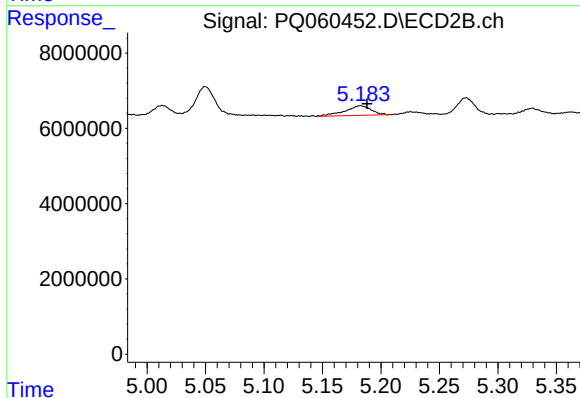
R.T.: 5.670 min
Delta R.T.: -0.003 min
Response: 1663401
Conc: 2.05 ng/ml



#31 AR-1260-1

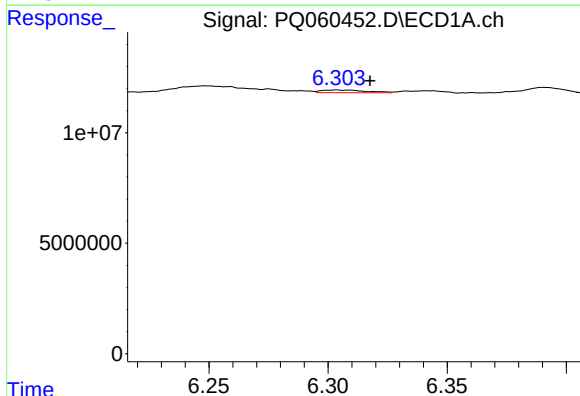
R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 312044
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



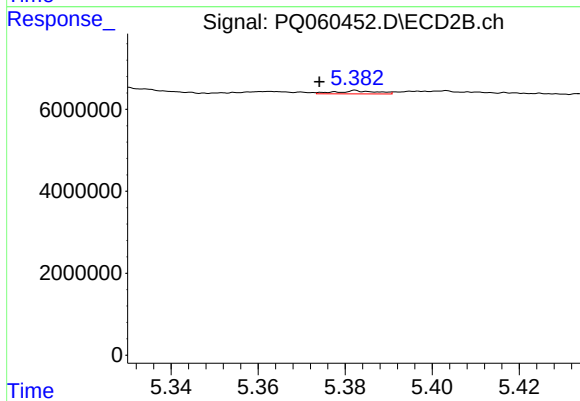
#31 AR-1260-1

R.T.: 5.183 min
Delta R.T.: -0.006 min
Response: 3987891
Conc: 6.49 ng/ml



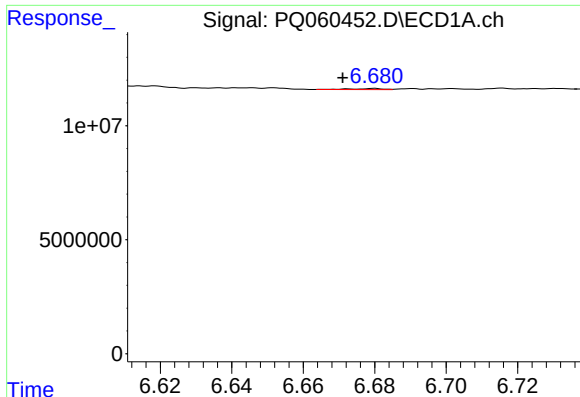
#32 AR-1260-2

R.T.: 6.303 min
Delta R.T.: -0.014 min
Response: 1563304
Conc: 1.26 ng/ml



#32 AR-1260-2

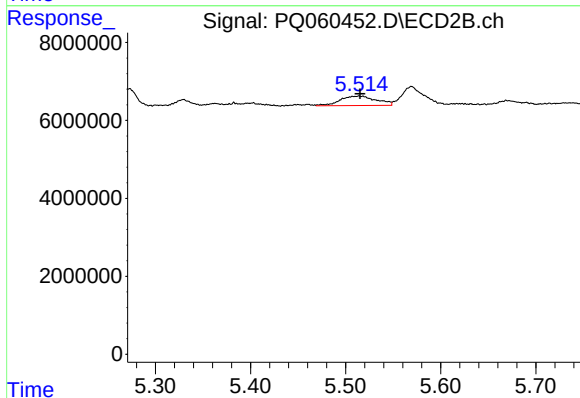
R.T.: 5.383 min
Delta R.T.: 0.009 min
Response: 517556
Conc: 0.69 ng/ml



#33 AR-1260-3

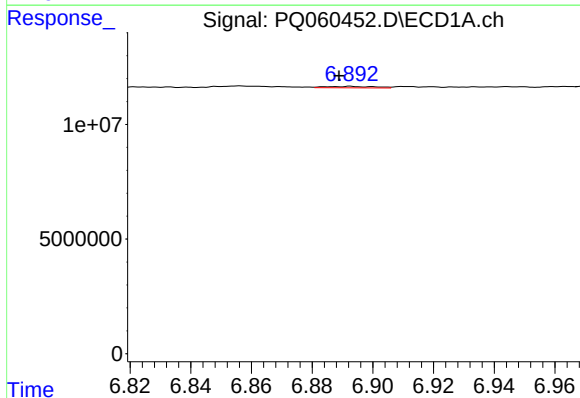
R.T.: 6.680 min
Delta R.T.: 0.009 min
Response: 297774
Conc: 0.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



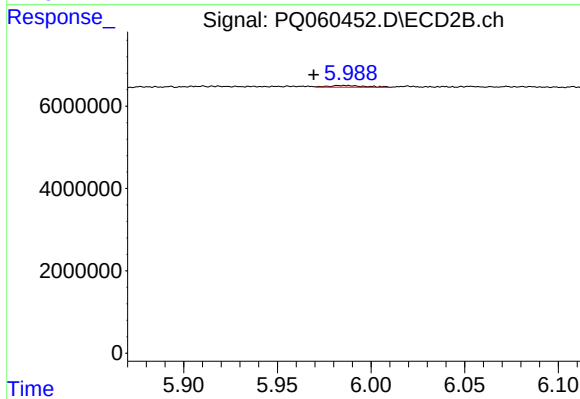
#33 AR-1260-3

R.T.: 5.514 min
Delta R.T.: -0.001 min
Response: 6445317
Conc: 8.87 ng/ml



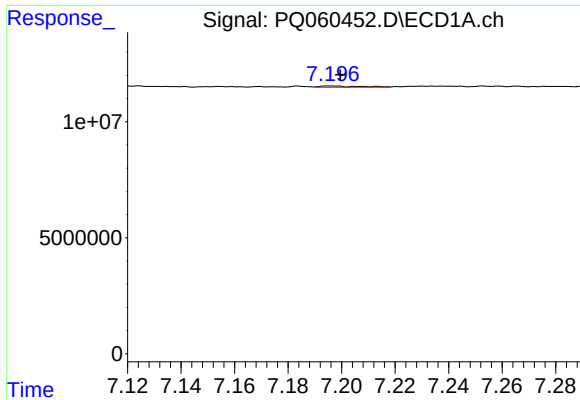
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.004 min
Response: 681035
Conc: 0.69 ng/ml



#34 AR-1260-4

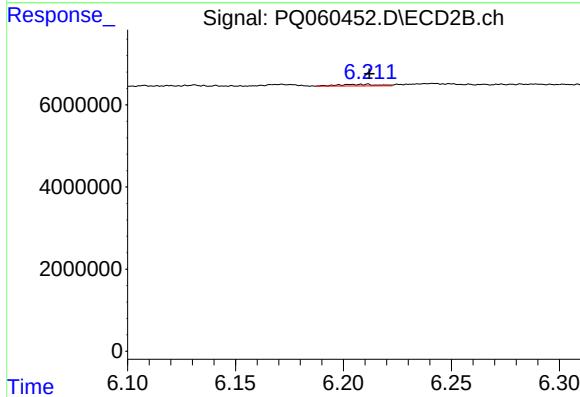
R.T.: 5.986 min
Delta R.T.: 0.016 min
Response: 569305
Conc: 0.97 ng/ml



#35 AR-1260-5

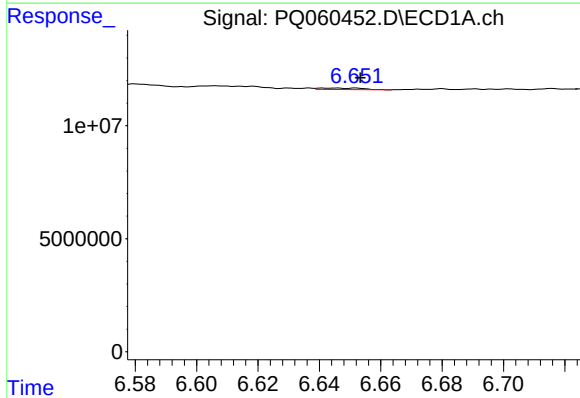
R.T.: 7.196 min
Delta R.T.: -0.004 min
Response: 582996
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



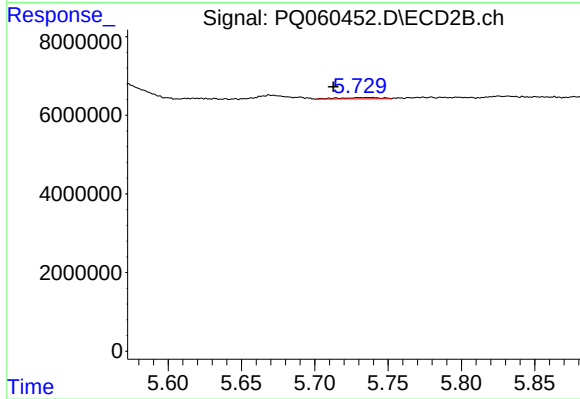
#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.002 min
Response: 511088
Conc: 0.37 ng/ml



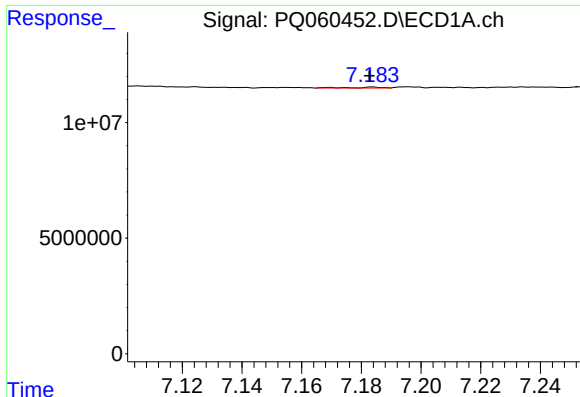
#36 AR-1262-1

R.T.: 6.645 min
Delta R.T.: -0.008 min
Response: 638493
Conc: 0.56 ng/ml



#36 AR-1262-1

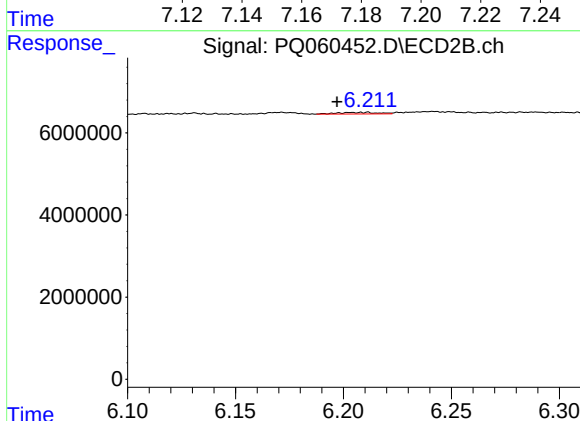
R.T.: 5.730 min
Delta R.T.: 0.017 min
Response: 651320
Conc: 0.83 ng/ml



#37 AR-1262-2

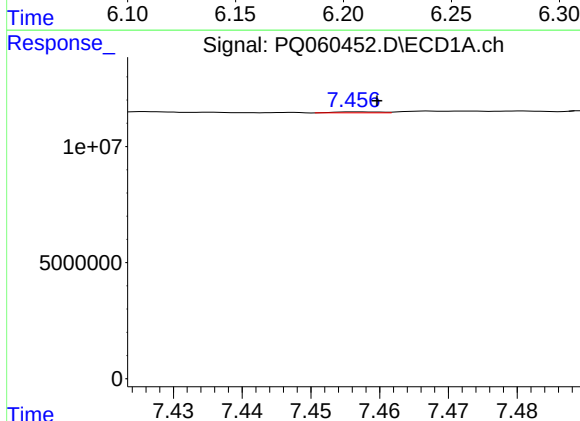
R.T.: 7.184 min
Delta R.T.: 0.001 min
Response: 329731
Conc: 0.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



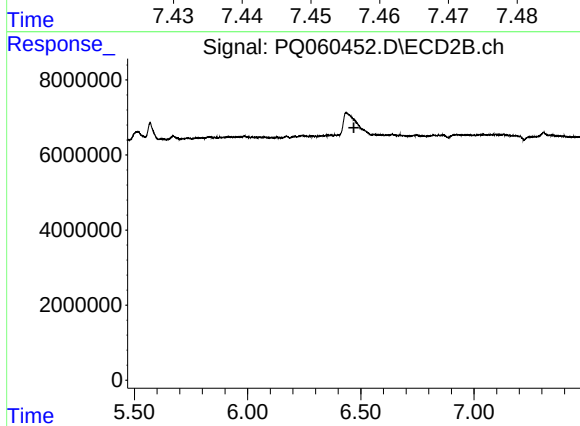
#37 AR-1262-2

R.T.: 6.210 min
Delta R.T.: 0.013 min
Response: 511088
Conc: 0.36 ng/ml



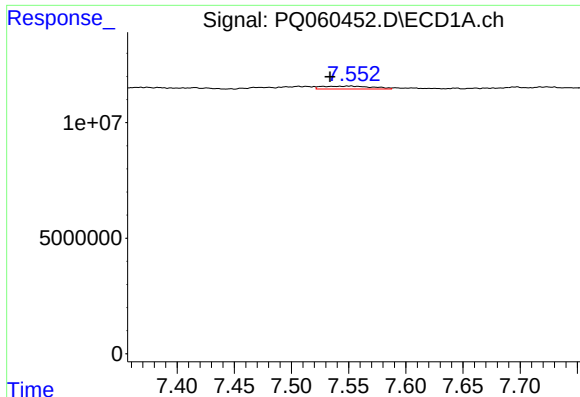
#38 AR-1262-3

R.T.: 7.457 min
Delta R.T.: -0.003 min
Response: 204833
Conc: 0.16 ng/ml



#38 AR-1262-3

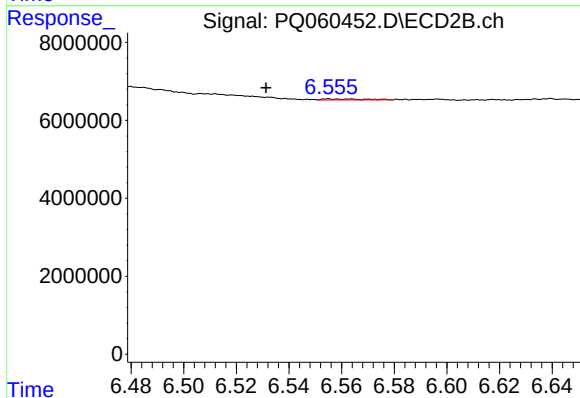
R.T.: 0.000 min
Exp R.T.: 6.469 min
Response: 0
Conc: N.D.



#39 AR-1262-4

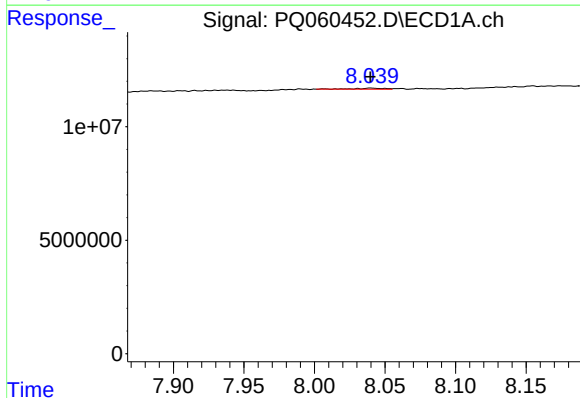
R.T.: 7.552 min
Delta R.T.: 0.018 min
Response: 3857041
Conc: 3.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



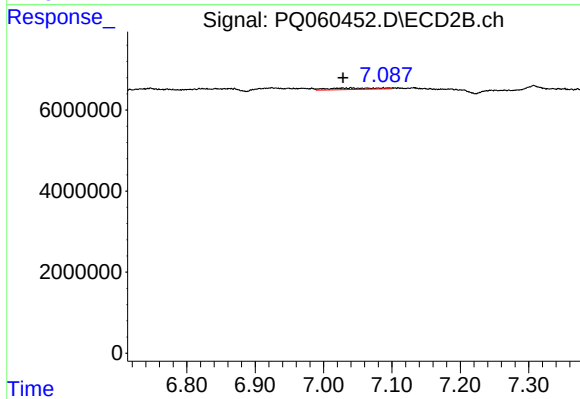
#39 AR-1262-4

R.T.: 6.556 min
Delta R.T.: 0.024 min
Response: 292552
Conc: 0.27 ng/ml



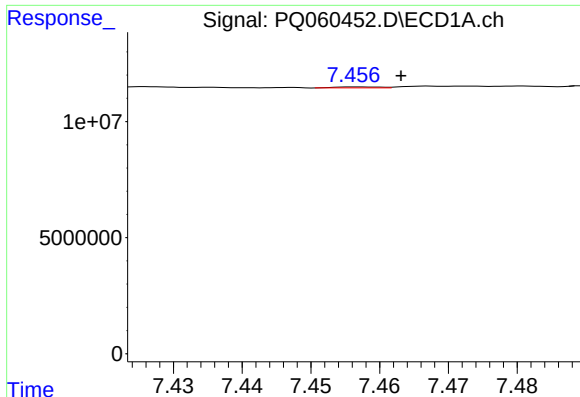
#40 AR-1262-5

R.T.: 8.040 min
Delta R.T.: 0.000 min
Response: 597744
Conc: 0.92 ng/ml



#40 AR-1262-5

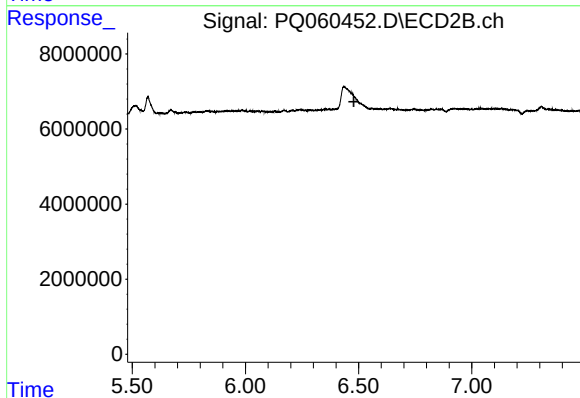
R.T.: 7.040 min
Delta R.T.: 0.011 min
Response: 1764674
Conc: 3.41 ng/ml



#41 AR-1268-1

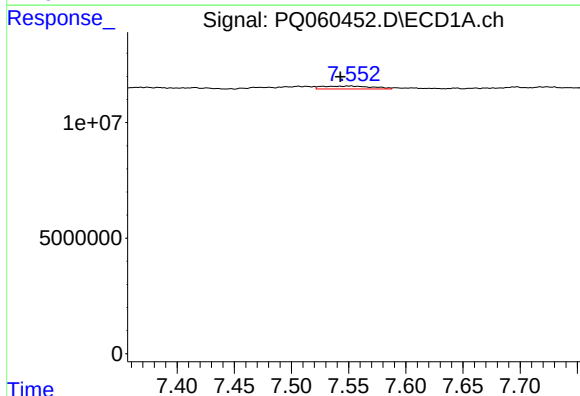
R.T.: 7.457 min
Delta R.T.: -0.006 min
Response: 204833
Conc: 0.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



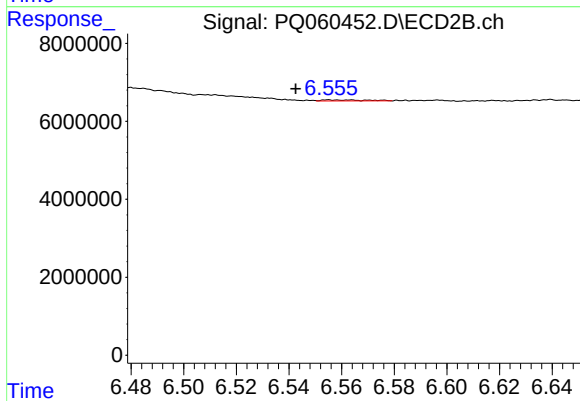
#41 AR-1268-1

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



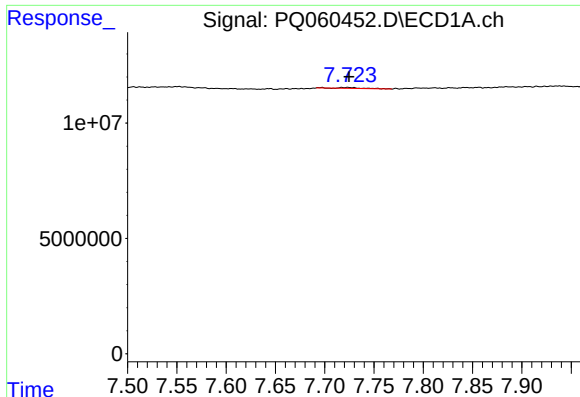
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: 0.009 min
Response: 3857041
Conc: 1.82 ng/ml



#42 AR-1268-2

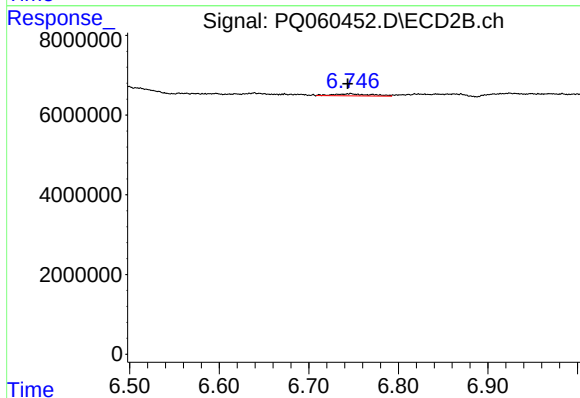
R.T.: 6.556 min
Delta R.T.: 0.013 min
Response: 292552
Conc: 0.19 ng/ml



#43 AR-1268-3

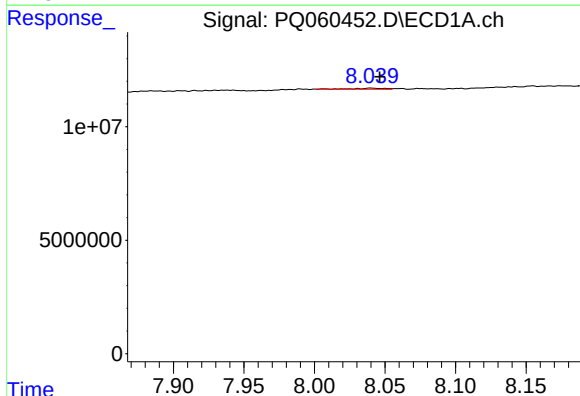
R.T.: 7.723 min
Delta R.T.: -0.001 min
Response: 540998
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



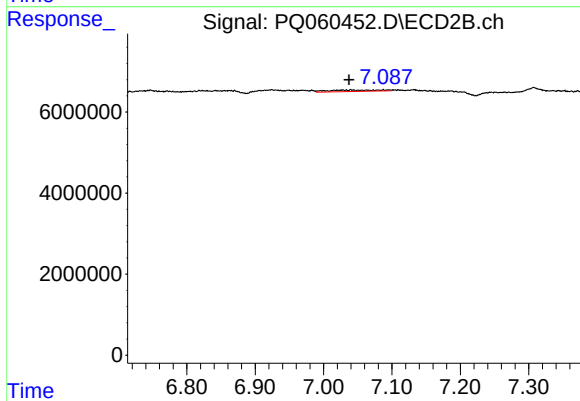
#43 AR-1268-3

R.T.: 6.747 min
Delta R.T.: 0.004 min
Response: 1531225
Conc: 1.13 ng/ml



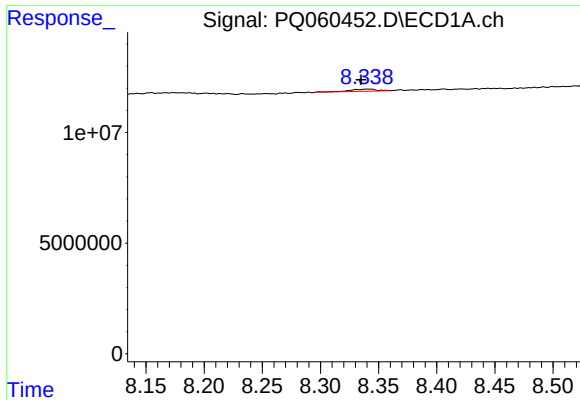
#44 AR-1268-4

R.T.: 8.040 min
Delta R.T.: -0.006 min
Response: 597744
Conc: 0.80 ng/ml



#44 AR-1268-4

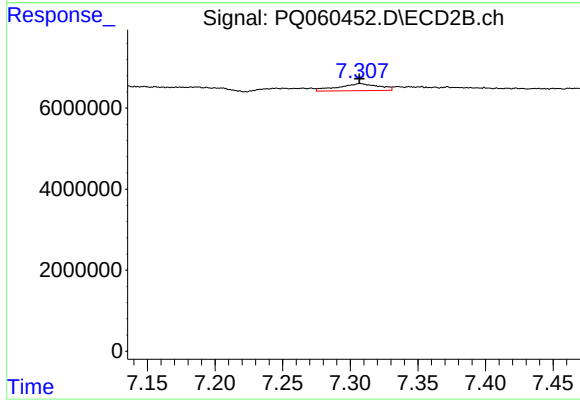
R.T.: 7.040 min
Delta R.T.: 0.003 min
Response: 1764674
Conc: 2.99 ng/ml



#45 AR-1268-5

R.T.: 8.341 min
Delta R.T.: 0.006 min
Response: 1496569
Conc: 0.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 3646369
Conc: 0.85 ng/ml