

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 19:06
 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:31:54 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...	3.440	2.799	468.2E6	246.9E6	20.347	21.947
2)	SA Decachlor...	8.574	7.534	297.0E6	243.1E6	21.903	22.655
Target Compounds							
3)	L1 AR-1016-1	4.551f	3.794	7521540	509641	9.462	1.306 #
4)	L1 AR-1016-2	4.551	3.824	7521540	1564004	6.285	2.651 #
5)	L1 AR-1016-3	4.613	3.975	4626283	882716	6.243	2.808 #
6)	L1 AR-1016-4	4.690	4.016	1058484	9480826	1.706	38.677 #
7)	L1 AR-1016-5	4.973	4.209	24269437	15626427	41.252	48.930
8)	L2 AR-1221-1	3.625	2.987	5556584	239251	23.195	2.129 #
9)	L2 AR-1221-2	3.717	3.068	9000076	4287476	51.489	51.504
10)	L2 AR-1221-3	3.790	3.140	3047685	367256	5.826	1.421 #
11)	L3 AR-1232-1	3.790	3.140	3047685	367256	5.804	1.372 #
12)	L3 AR-1232-2	4.262	3.794	2119307	509641	7.936	1.898 #
13)	L3 AR-1232-3	4.551	3.961	7521540	257667	13.792	1.850 #
14)	L3 AR-1232-4	4.690	4.048	1058484	5719706	3.918	48.194 #
15)	L3 AR-1232-5	4.786	4.209	22721233	15626427	121.720	114.671
16)	L4 AR-1242-1	4.551f	3.794	7521540	509641	12.181	1.585 #
17)	L4 AR-1242-2	4.551	3.794	7521540	509641	8.011	1.064 #
18)	L4 AR-1242-3	4.586	3.961	2099244	257667	3.634	0.994 #
19)	L4 AR-1242-4	4.690	4.048	1058484	5719706	2.171	23.896 #
20)	L4 AR-1242-5	5.399	4.539	26443534	22425168	53.022	72.632 #
21)	L5 AR-1248-1	0.000	3.794	0	509641	N.D.	2.081 #
22)	L5 AR-1248-2	4.786	4.016	22721233	9480826	36.532	27.532
23)	L5 AR-1248-3	4.973	4.048	24269437	5719706	32.022	16.406 #
24)	L5 AR-1248-4	5.357	4.209	21561445	15626427	25.818	36.923 #
25)	L5 AR-1248-5	5.399	4.562	26443534	9644885	31.618	22.659 #
26)	L6 AR-1254-1	5.333	4.539	56676066	22425168	67.755	34.633 #
27)	L6 AR-1254-2	5.545	4.682	53425819	20091507	41.757	36.473
28)	L6 AR-1254-3	5.893	5.058	44756809	25381608	32.945	29.601
29)	L6 AR-1254-4	6.177	5.280	39258143	16346371	39.583	29.195 #
30)	L6 AR-1254-5	6.590	5.679	33859331	24369300	32.254	30.067
31)	L7 AR-1260-1	6.059	5.186	13911092	12846814	13.279	20.917 #
32)	L7 AR-1260-2	6.317	5.370	17873694	11499647	14.413	15.422
33)	L7 AR-1260-3	6.694f	5.508	133972	16676407	0.150	22.944 #
34)	L7 AR-1260-4	6.869f	5.967	12196263	1162718	12.379	1.973 #
35)	L7 AR-1260-5	7.200	6.212	3375327	2355011	1.736	1.712
36)	L8 AR-1262-1	6.645	5.742f	3897197	2208096	3.390	2.824
37)	L8 AR-1262-2	7.200f	6.185	3375327	3364545	1.683	2.371 #
38)	L8 AR-1262-3	7.482f	6.444f	4535764	26116734	3.465	46.003 #
39)	L8 AR-1262-4	7.525	6.544	2883727	3201180	2.820	2.997
40)	L8 AR-1262-5	8.046	7.048f	658419	1464798	1.012	2.829 #
41)	L9 AR-1268-1	7.482f	0.000	4535764	0	1.986	N.D. #

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 Acq On : 24 Feb 2023 19:06
 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 22 Sample Multiplier: 1

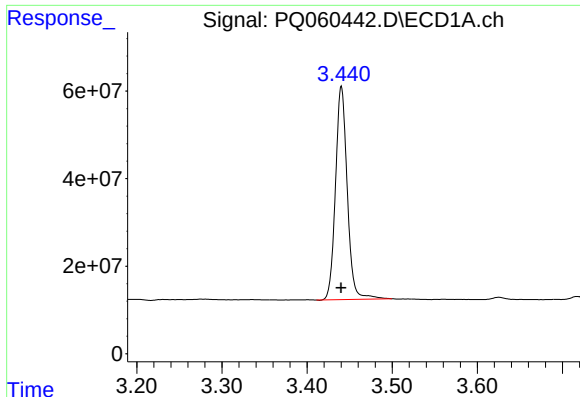
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:31:54 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	7.549	6.544	987006	3201180	0.465	2.057 #
43) L9	AR-1268-3	7.731	6.757	834710	2589603	0.480	1.903 #
44) L9	AR-1268-4	8.046	7.048	658419	1464798	0.886	2.482 #
45) L9	AR-1268-5	8.343	7.316	2370284	8168484	0.460	1.915 #

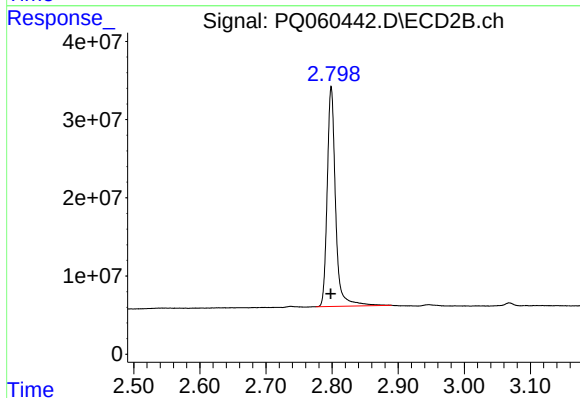
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

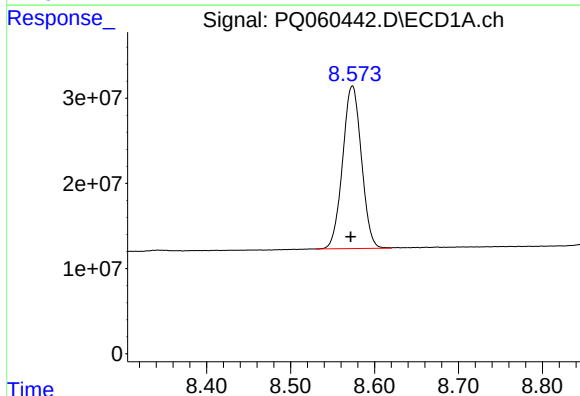
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 468183350
Conc: 20.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



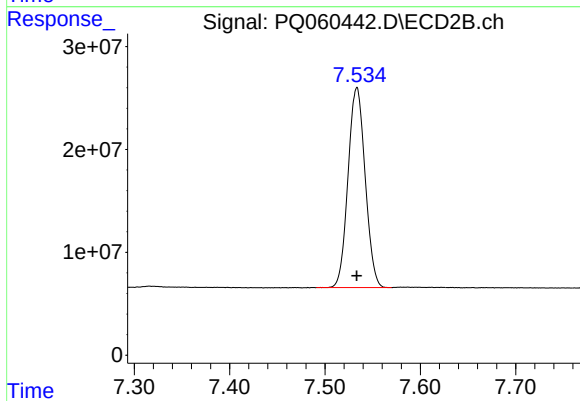
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 246901023
Conc: 21.95 ng/ml



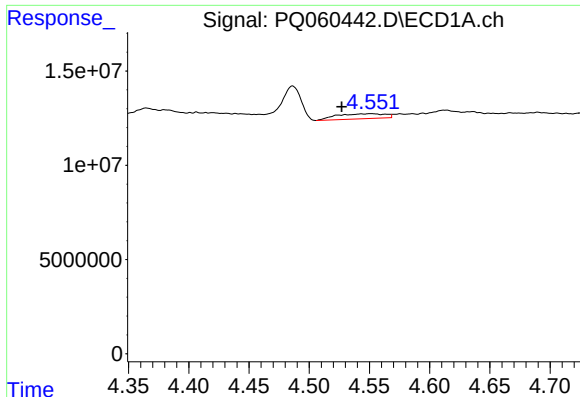
#2 Decachlorobiphenyl

R.T.: 8.574 min
Delta R.T.: 0.002 min
Response: 296984560
Conc: 21.90 ng/ml



#2 Decachlorobiphenyl

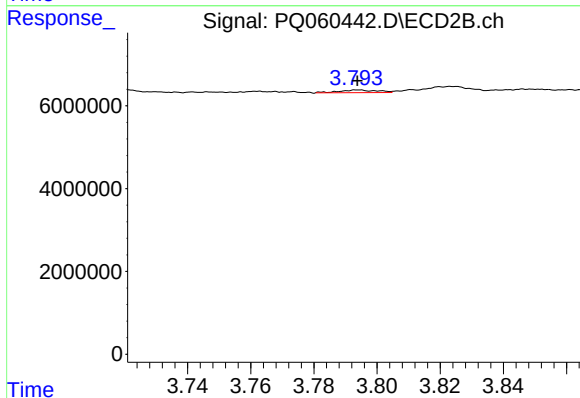
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 243141049
Conc: 22.65 ng/ml



#3 AR-1016-1

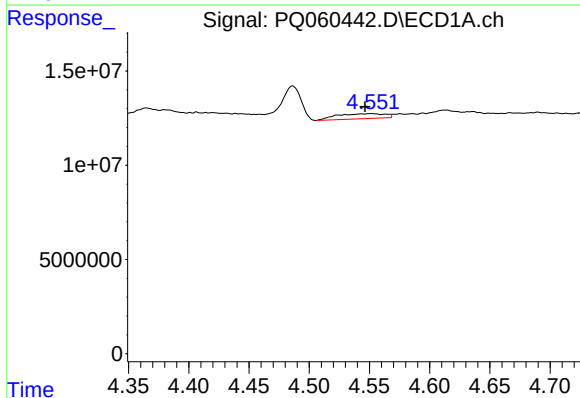
R.T.: 4.551 min
Delta R.T.: 0.024 min
Response: 7521540
Conc: 9.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



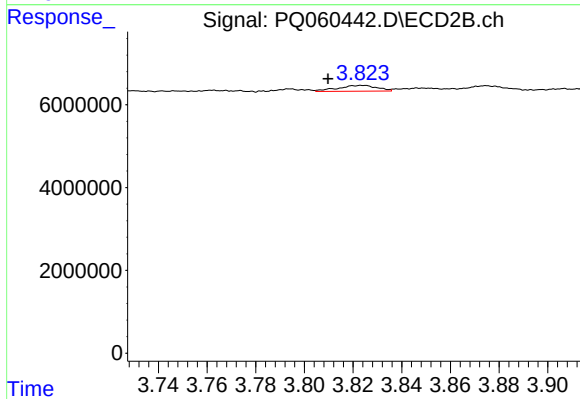
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 509641
Conc: 1.31 ng/ml



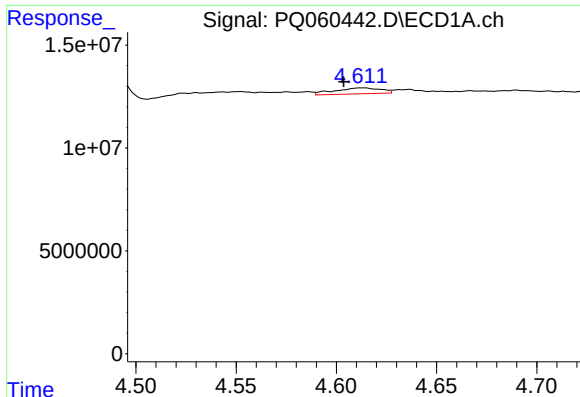
#4 AR-1016-2

R.T.: 4.551 min
Delta R.T.: 0.005 min
Response: 7521540
Conc: 6.29 ng/ml



#4 AR-1016-2

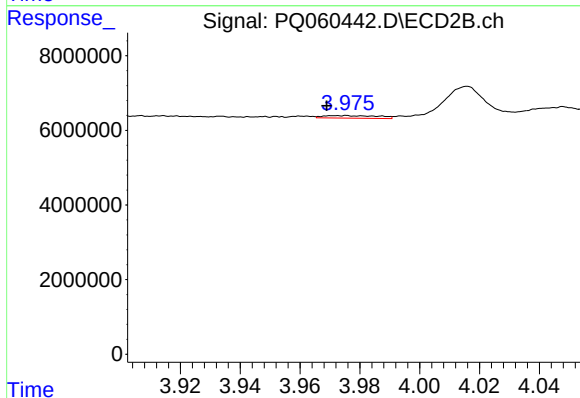
R.T.: 3.824 min
Delta R.T.: 0.014 min
Response: 1564004
Conc: 2.65 ng/ml



#5 AR-1016-3

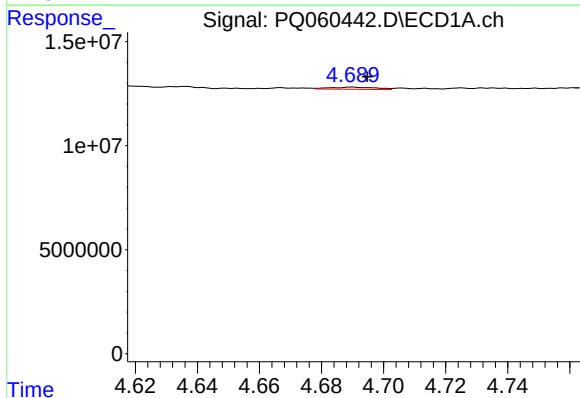
R.T.: 4.613 min
Delta R.T.: 0.009 min
Response: 4626283
Conc: 6.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



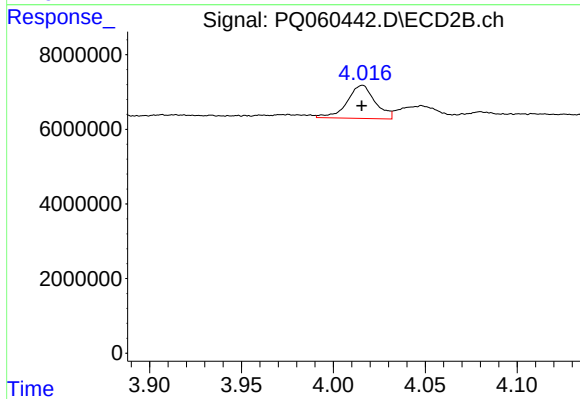
#5 AR-1016-3

R.T.: 3.975 min
Delta R.T.: 0.006 min
Response: 882716
Conc: 2.81 ng/ml



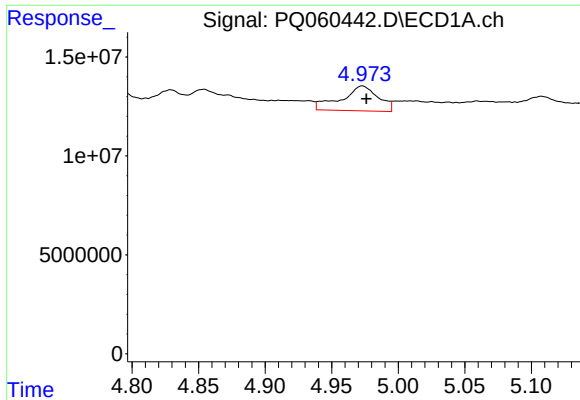
#6 AR-1016-4

R.T.: 4.690 min
Delta R.T.: -0.005 min
Response: 1058484
Conc: 1.71 ng/ml



#6 AR-1016-4

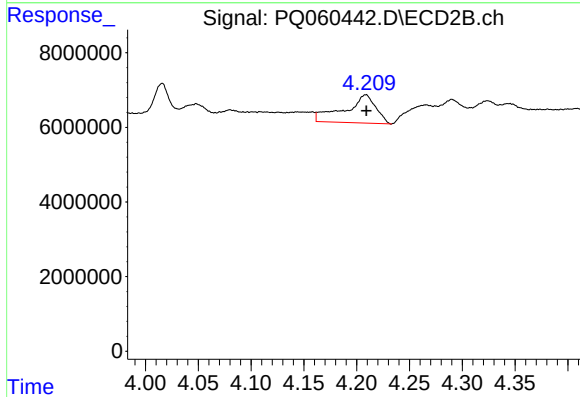
R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 9480826
Conc: 38.68 ng/ml



#7 AR-1016-5

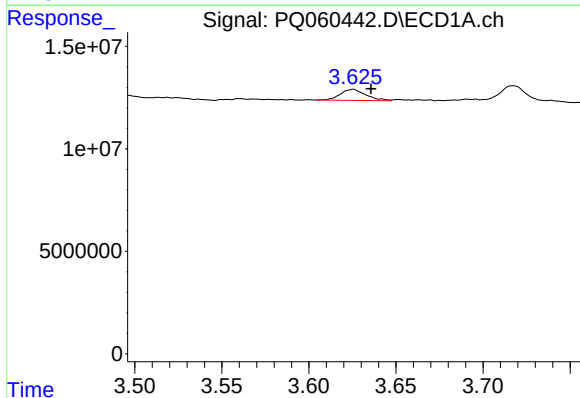
R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 24269437
Conc: 41.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



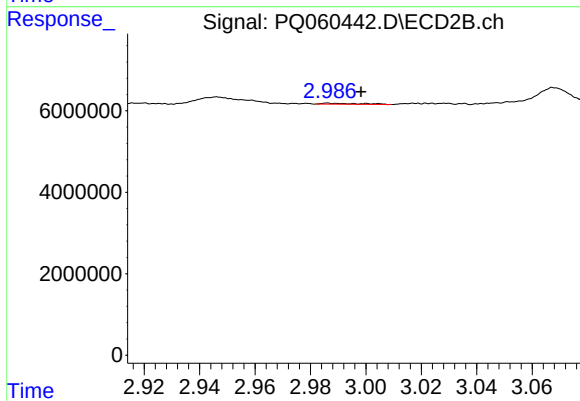
#7 AR-1016-5

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 15626427
Conc: 48.93 ng/ml



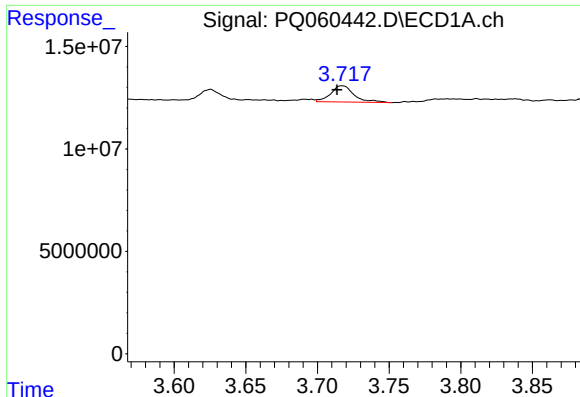
#8 AR-1221-1

R.T.: 3.625 min
Delta R.T.: -0.010 min
Response: 5556584
Conc: 23.20 ng/ml



#8 AR-1221-1

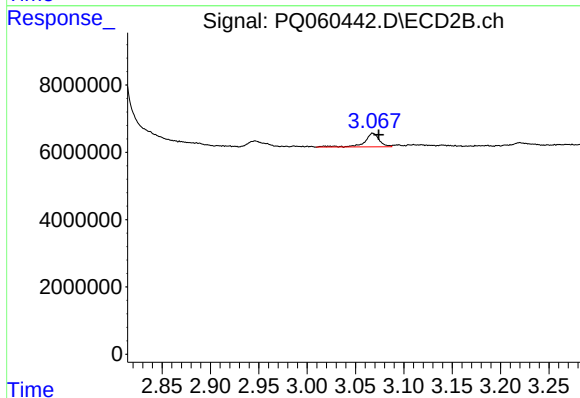
R.T.: 2.987 min
Delta R.T.: -0.012 min
Response: 239251
Conc: 2.13 ng/ml



#9 AR-1221-2

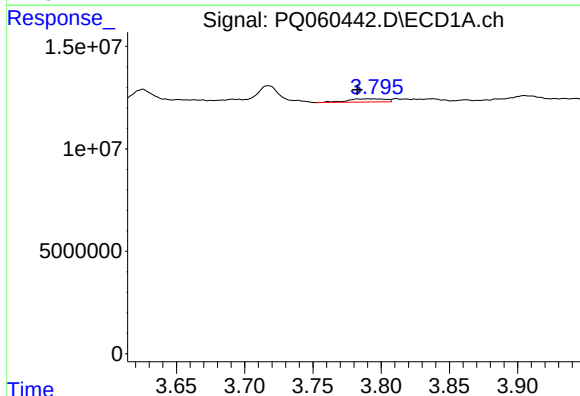
R.T.: 3.717 min
Delta R.T.: 0.004 min
Response: 9000076
Conc: 51.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



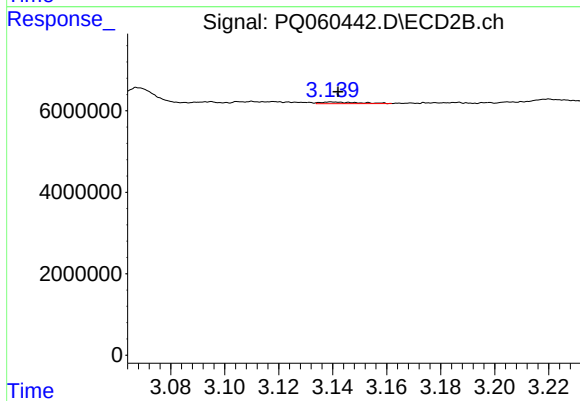
#9 AR-1221-2

R.T.: 3.068 min
Delta R.T.: -0.006 min
Response: 4287476
Conc: 51.50 ng/ml



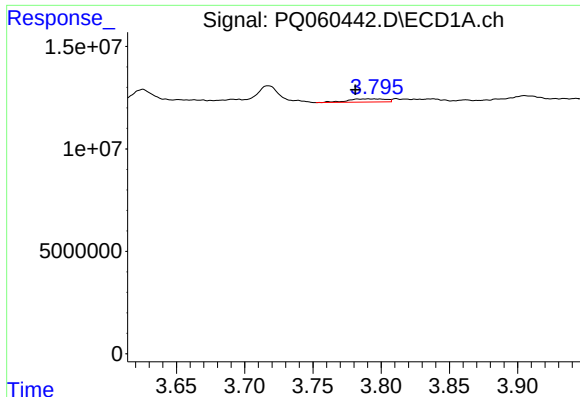
#10 AR-1221-3

R.T.: 3.790 min
Delta R.T.: 0.008 min
Response: 3047685
Conc: 5.83 ng/ml



#10 AR-1221-3

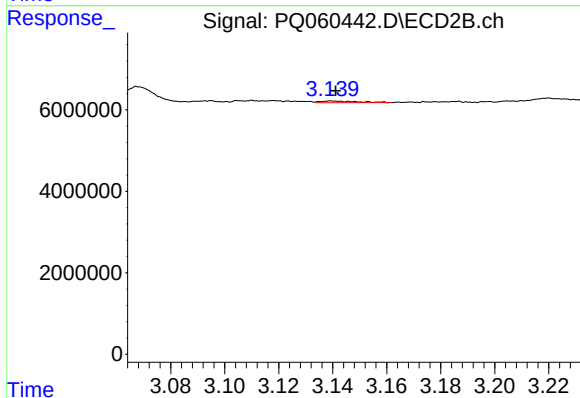
R.T.: 3.140 min
Delta R.T.: -0.002 min
Response: 367256
Conc: 1.42 ng/ml



#11 AR-1232-1

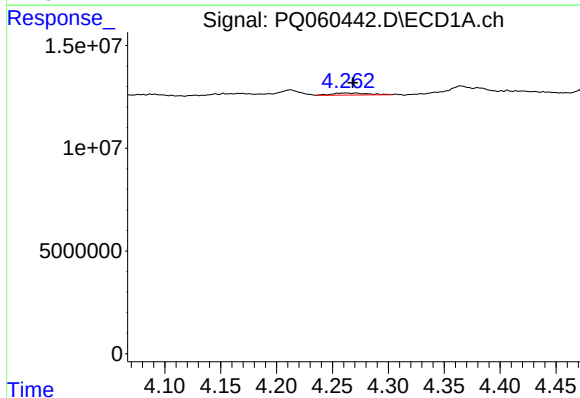
R.T.: 3.790 min
Delta R.T.: 0.009 min
Response: 3047685
Conc: 5.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



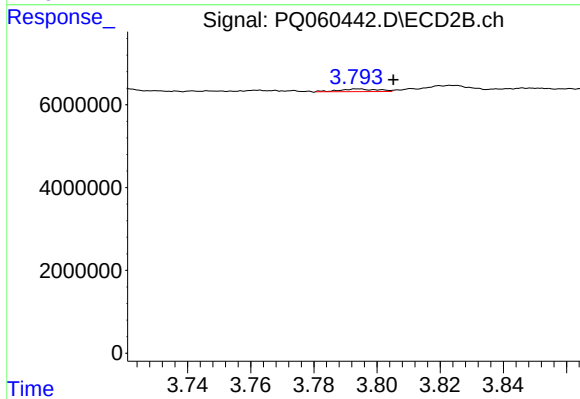
#11 AR-1232-1

R.T.: 3.140 min
Delta R.T.: -0.001 min
Response: 367256
Conc: 1.37 ng/ml



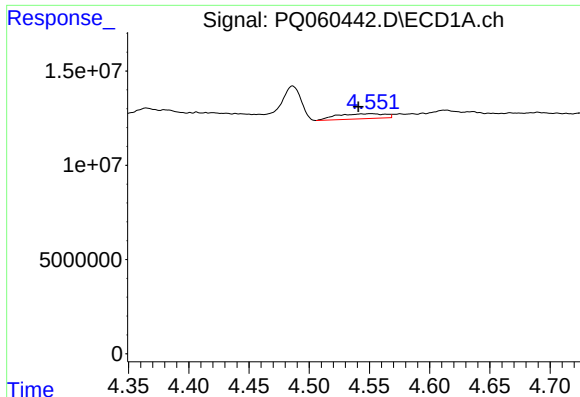
#12 AR-1232-2

R.T.: 4.262 min
Delta R.T.: -0.006 min
Response: 2119307
Conc: 7.94 ng/ml



#12 AR-1232-2

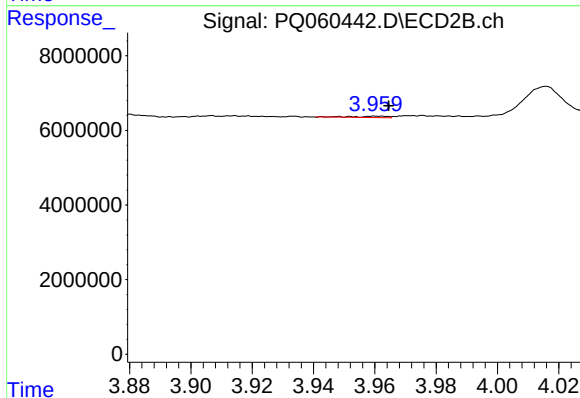
R.T.: 3.794 min
Delta R.T.: -0.011 min
Response: 509641
Conc: 1.90 ng/ml



#13 AR-1232-3

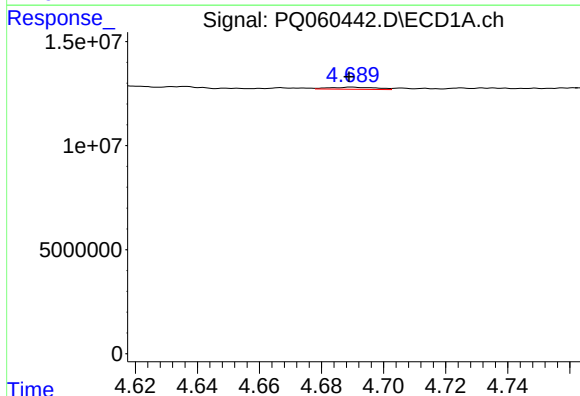
R.T.: 4.551 min
Delta R.T.: 0.011 min
Response: 7521540
Conc: 13.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



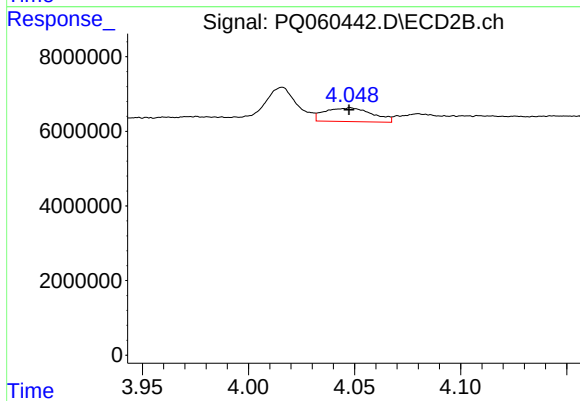
#13 AR-1232-3

R.T.: 3.961 min
Delta R.T.: -0.003 min
Response: 257667
Conc: 1.85 ng/ml



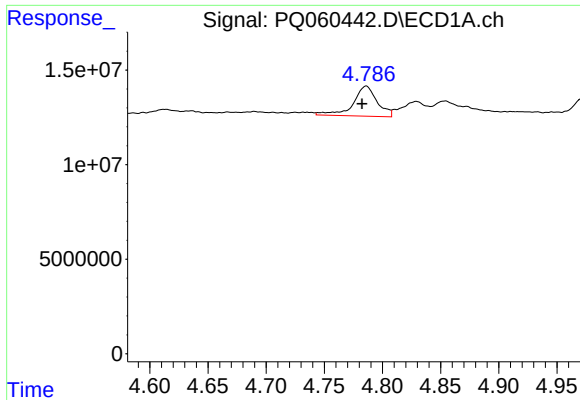
#14 AR-1232-4

R.T.: 4.690 min
Delta R.T.: 0.001 min
Response: 1058484
Conc: 3.92 ng/ml



#14 AR-1232-4

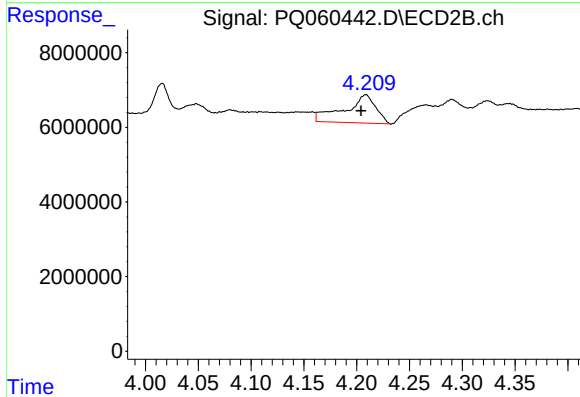
R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 5719706
Conc: 48.19 ng/ml



#15 AR-1232-5

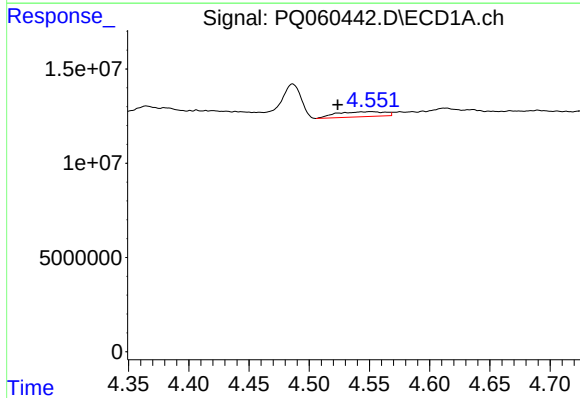
R.T.: 4.786 min
Delta R.T.: 0.004 min
Response: 22721233
Conc: 121.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



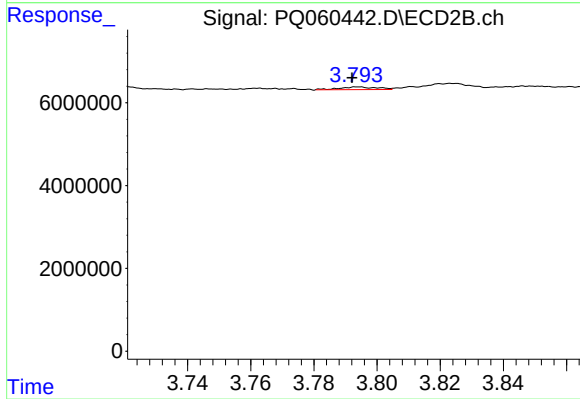
#15 AR-1232-5

R.T.: 4.209 min
Delta R.T.: 0.004 min
Response: 15626427
Conc: 114.67 ng/ml



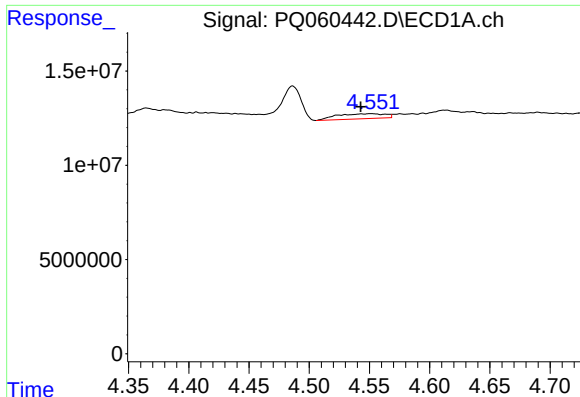
#16 AR-1242-1

R.T.: 4.551 min
Delta R.T.: 0.028 min
Response: 7521540
Conc: 12.18 ng/ml



#16 AR-1242-1

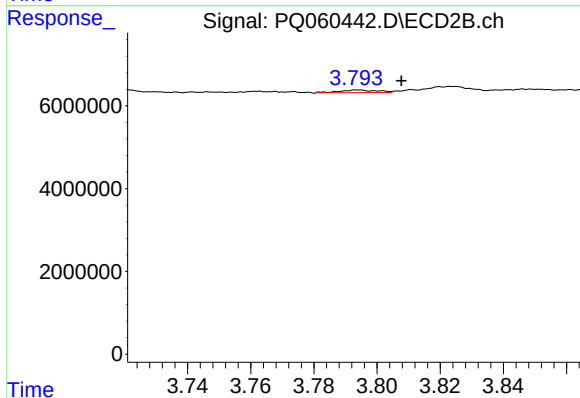
R.T.: 3.794 min
Delta R.T.: 0.002 min
Response: 509641
Conc: 1.58 ng/ml



#17 AR-1242-2

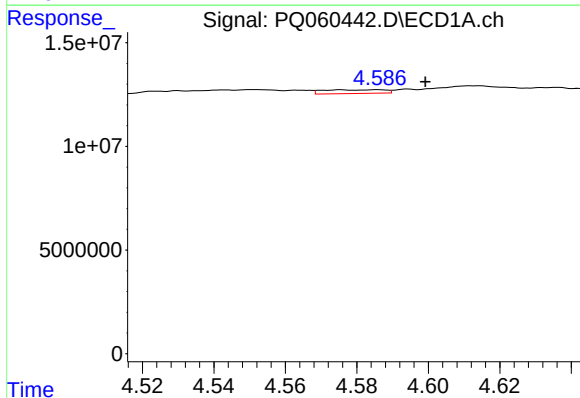
R.T.: 4.551 min
Delta R.T.: 0.009 min
Response: 7521540
Conc: 8.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



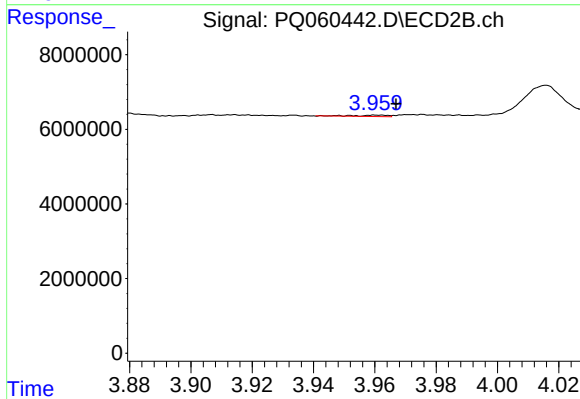
#17 AR-1242-2

R.T.: 3.794 min
Delta R.T.: -0.014 min
Response: 509641
Conc: 1.06 ng/ml



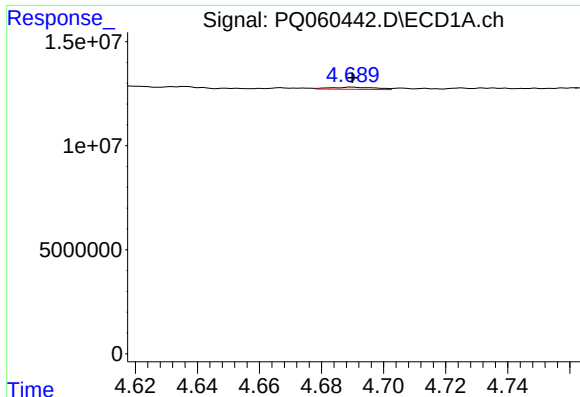
#18 AR-1242-3

R.T.: 4.586 min
Delta R.T.: -0.013 min
Response: 2099244
Conc: 3.63 ng/ml



#18 AR-1242-3

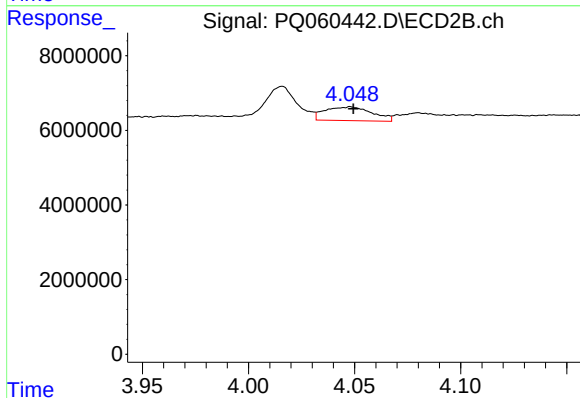
R.T.: 3.961 min
Delta R.T.: -0.006 min
Response: 257667
Conc: 0.99 ng/ml



#19 AR-1242-4

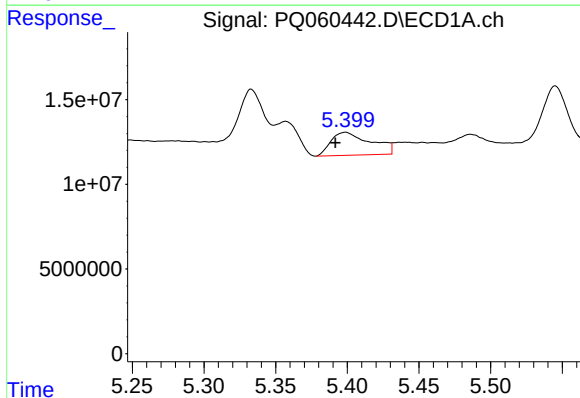
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 1058484
Conc: 2.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



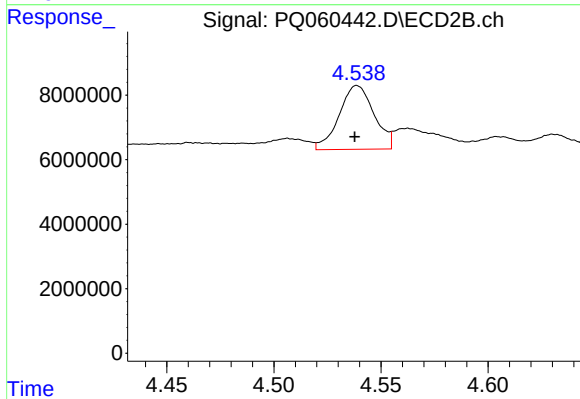
#19 AR-1242-4

R.T.: 4.048 min
Delta R.T.: -0.001 min
Response: 5719706
Conc: 23.90 ng/ml



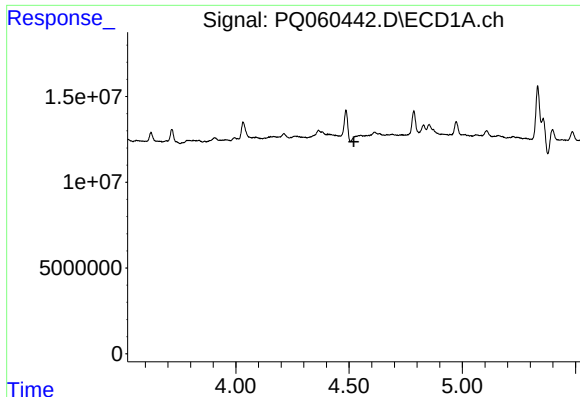
#20 AR-1242-5

R.T.: 5.399 min
Delta R.T.: 0.007 min
Response: 26443534
Conc: 53.02 ng/ml



#20 AR-1242-5

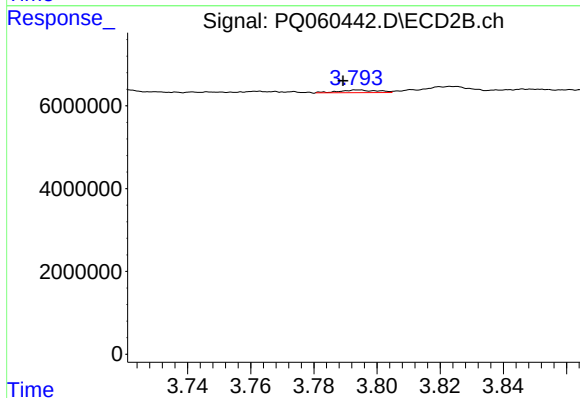
R.T.: 4.539 min
Delta R.T.: 0.001 min
Response: 22425168
Conc: 72.63 ng/ml



#21 AR-1248-1

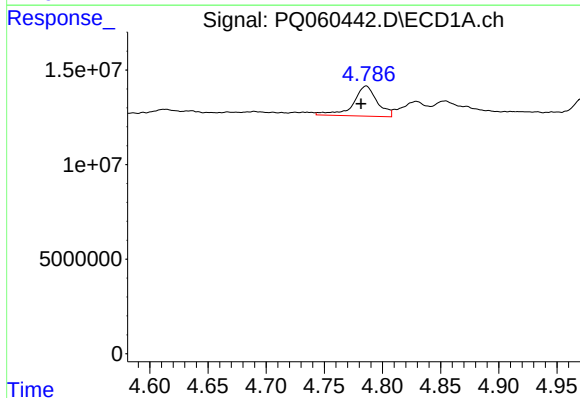
R.T.: 0.000 min
Exp R.T.: 4.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



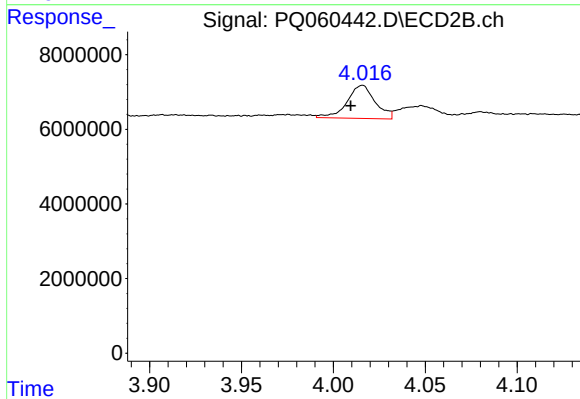
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: 0.005 min
Response: 509641
Conc: 2.08 ng/ml



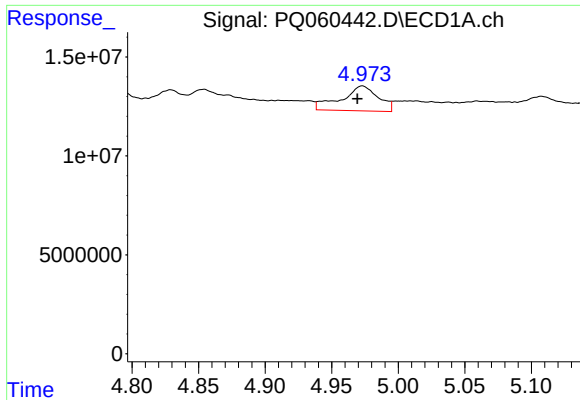
#22 AR-1248-2

R.T.: 4.786 min
Delta R.T.: 0.005 min
Response: 22721233
Conc: 36.53 ng/ml



#22 AR-1248-2

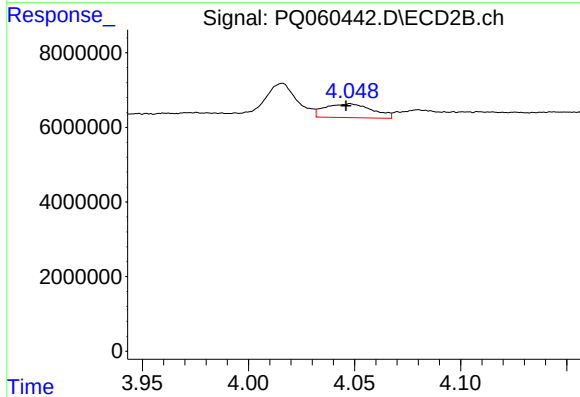
R.T.: 4.016 min
Delta R.T.: 0.006 min
Response: 9480826
Conc: 27.53 ng/ml



#23 AR-1248-3

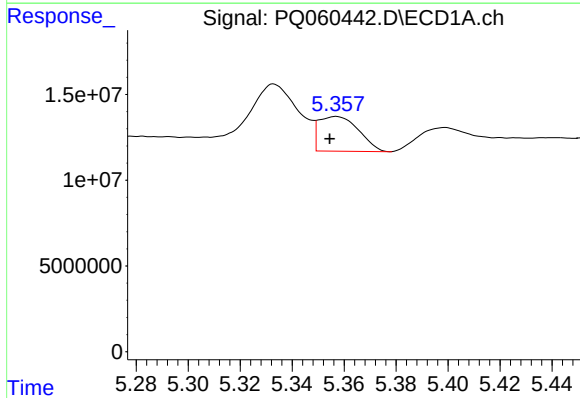
R.T.: 4.973 min
Delta R.T.: 0.004 min
Response: 24269437
Conc: 32.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



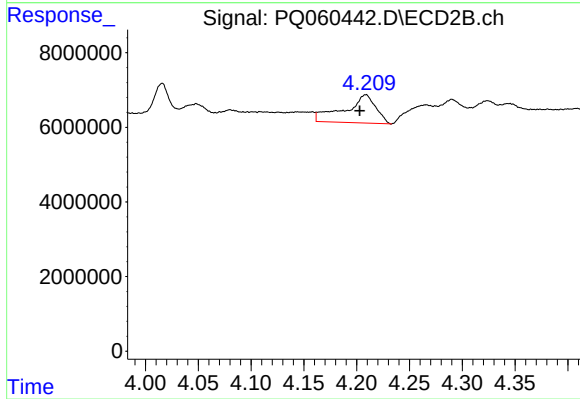
#23 AR-1248-3

R.T.: 4.048 min
Delta R.T.: 0.002 min
Response: 5719706
Conc: 16.41 ng/ml



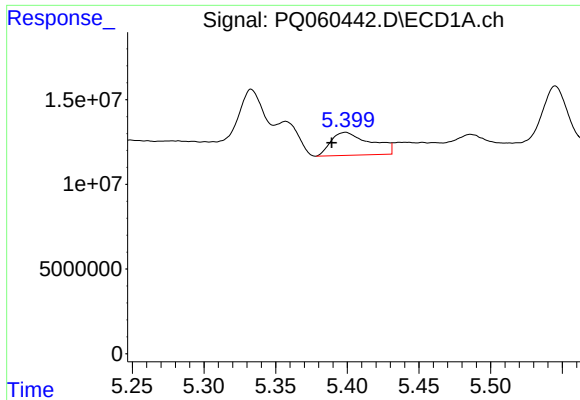
#24 AR-1248-4

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 21561445
Conc: 25.82 ng/ml



#24 AR-1248-4

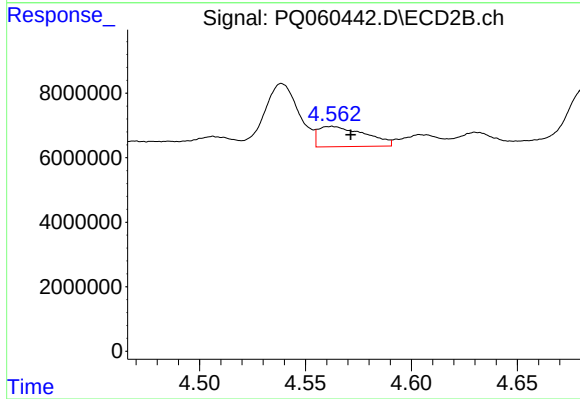
R.T.: 4.209 min
Delta R.T.: 0.006 min
Response: 15626427
Conc: 36.92 ng/ml



#25 AR-1248-5

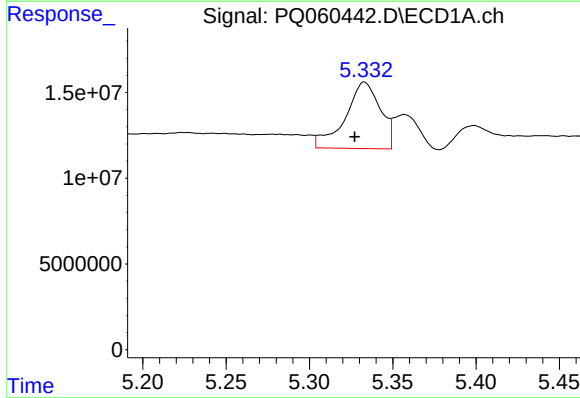
R.T.: 5.399 min
Delta R.T.: 0.010 min
Response: 26443534
Conc: 31.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



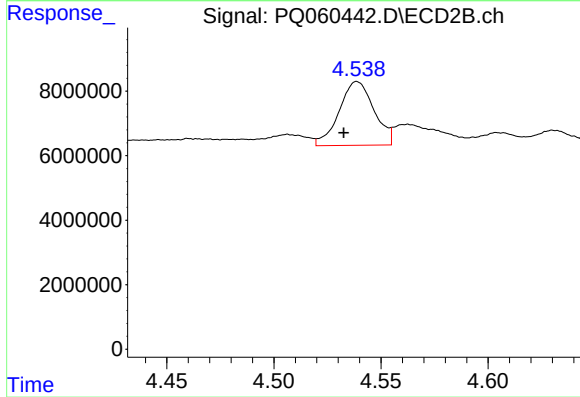
#25 AR-1248-5

R.T.: 4.562 min
Delta R.T.: -0.009 min
Response: 9644885
Conc: 22.66 ng/ml



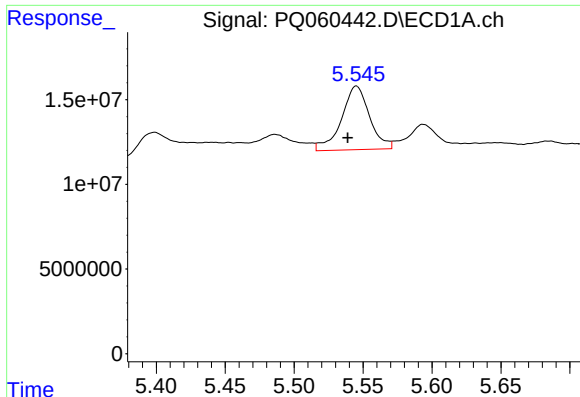
#26 AR-1254-1

R.T.: 5.333 min
Delta R.T.: 0.006 min
Response: 56676066
Conc: 67.76 ng/ml



#26 AR-1254-1

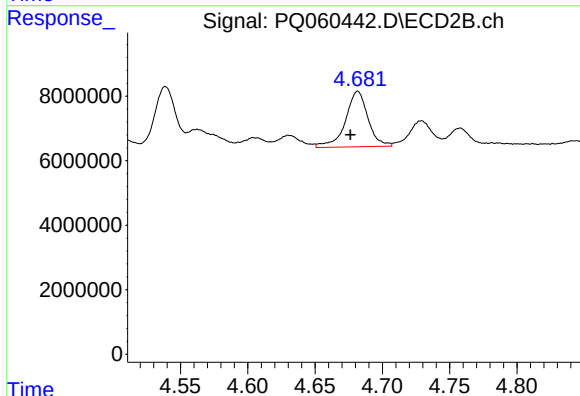
R.T.: 4.539 min
Delta R.T.: 0.006 min
Response: 22425168
Conc: 34.63 ng/ml



#27 AR-1254-2

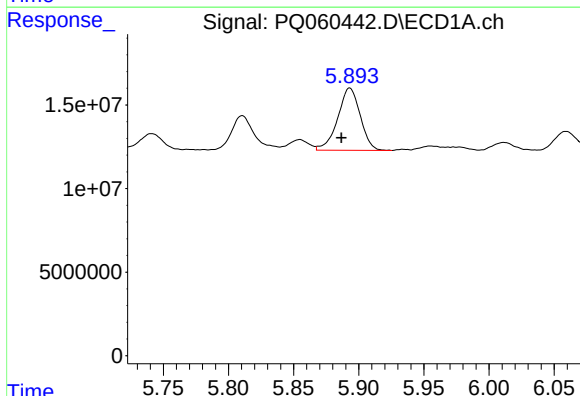
R.T.: 5.545 min
Delta R.T.: 0.006 min
Response: 53425819
Conc: 41.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



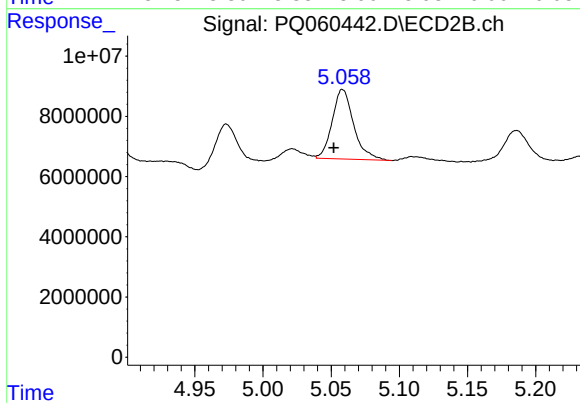
#27 AR-1254-2

R.T.: 4.682 min
Delta R.T.: 0.006 min
Response: 20091507
Conc: 36.47 ng/ml



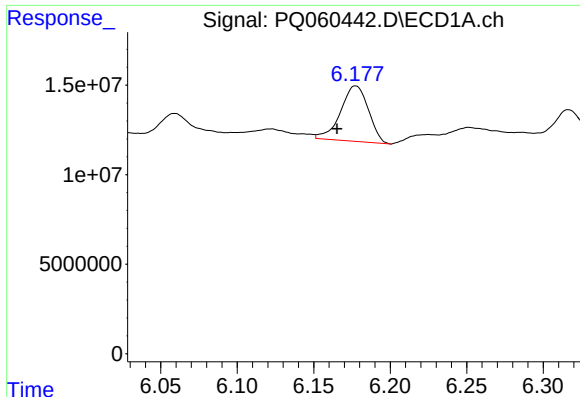
#28 AR-1254-3

R.T.: 5.893 min
Delta R.T.: 0.006 min
Response: 44756809
Conc: 32.94 ng/ml



#28 AR-1254-3

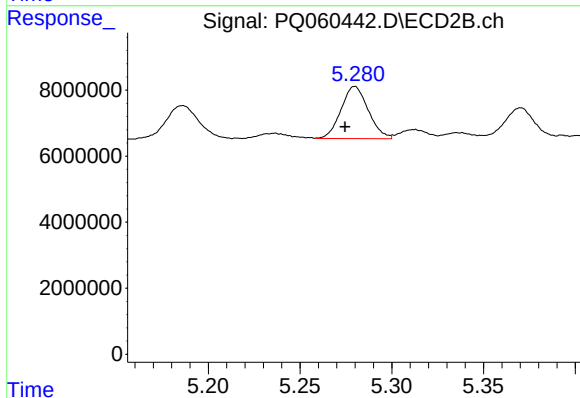
R.T.: 5.058 min
Delta R.T.: 0.007 min
Response: 25381608
Conc: 29.60 ng/ml



#29 AR-1254-4

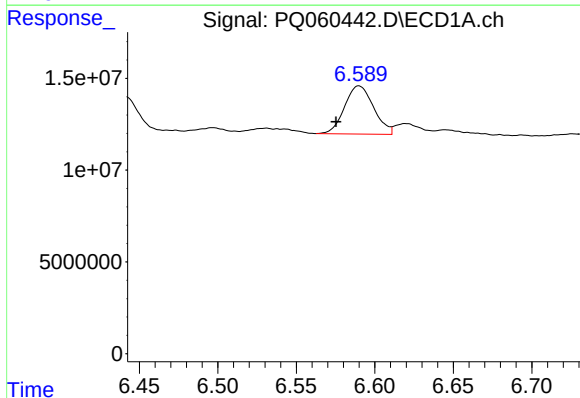
R.T.: 6.177 min
Delta R.T.: 0.012 min
Response: 39258143
Conc: 39.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



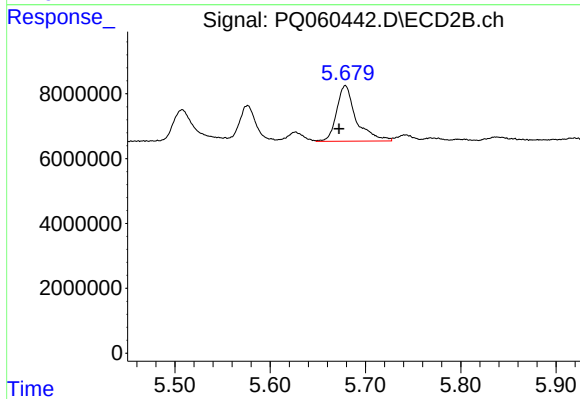
#29 AR-1254-4

R.T.: 5.280 min
Delta R.T.: 0.005 min
Response: 16346371
Conc: 29.20 ng/ml



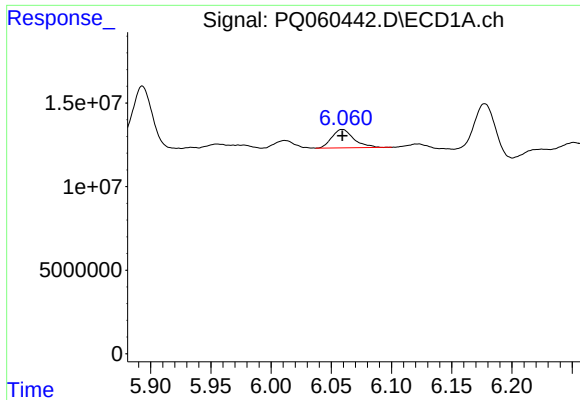
#30 AR-1254-5

R.T.: 6.590 min
Delta R.T.: 0.015 min
Response: 33859331
Conc: 32.25 ng/ml



#30 AR-1254-5

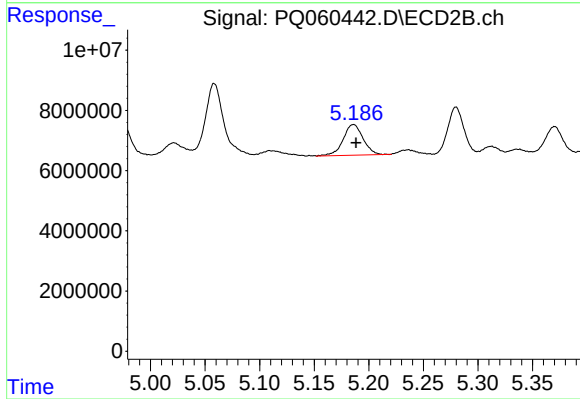
R.T.: 5.679 min
Delta R.T.: 0.006 min
Response: 24369300
Conc: 30.07 ng/ml



#31 AR-1260-1

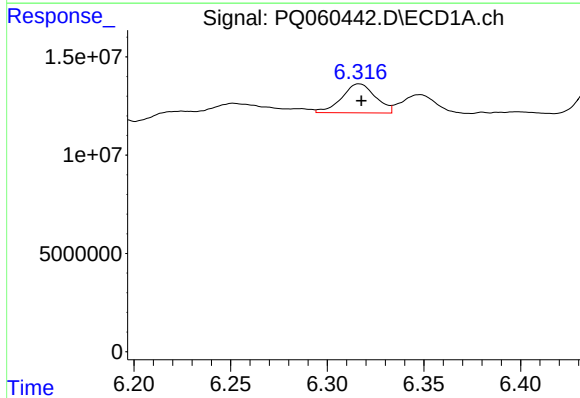
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 13911092
Conc: 13.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



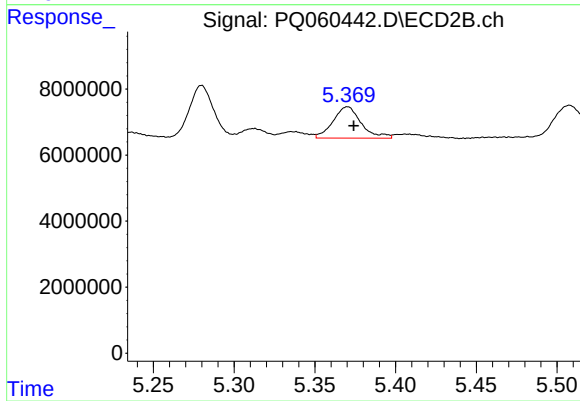
#31 AR-1260-1

R.T.: 5.186 min
Delta R.T.: -0.002 min
Response: 12846814
Conc: 20.92 ng/ml



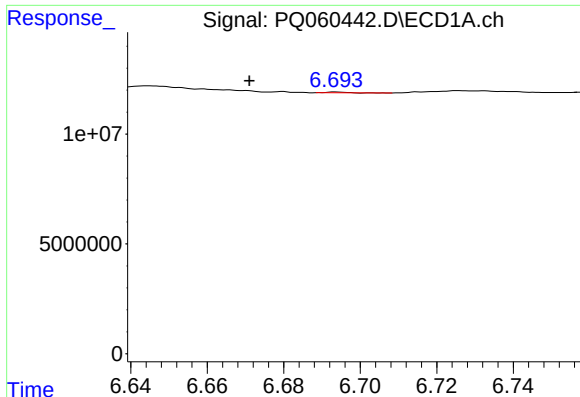
#32 AR-1260-2

R.T.: 6.317 min
Delta R.T.: -0.001 min
Response: 17873694
Conc: 14.41 ng/ml



#32 AR-1260-2

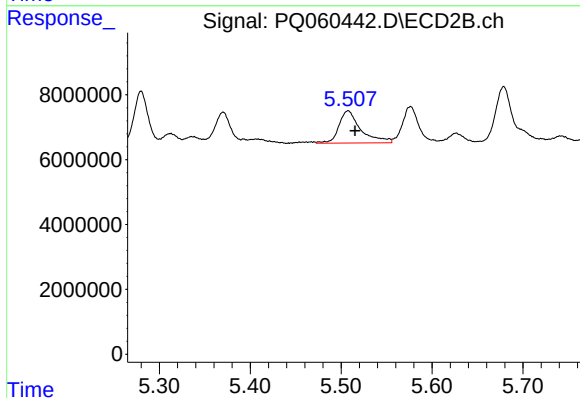
R.T.: 5.370 min
Delta R.T.: -0.004 min
Response: 11499647
Conc: 15.42 ng/ml



#33 AR-1260-3

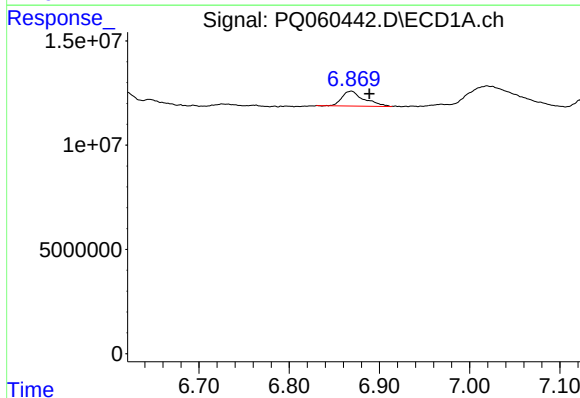
R.T.: 6.694 min
Delta R.T.: 0.023 min
Response: 133972
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



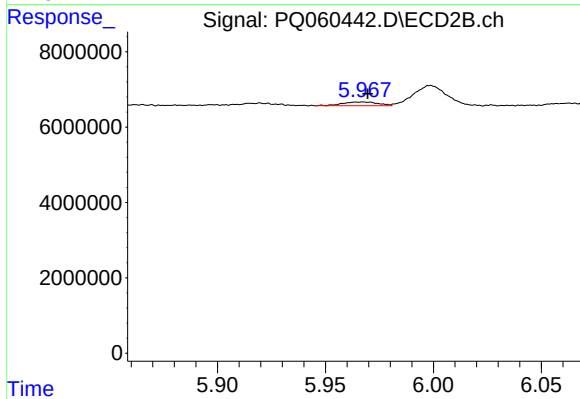
#33 AR-1260-3

R.T.: 5.508 min
Delta R.T.: -0.008 min
Response: 16676407
Conc: 22.94 ng/ml



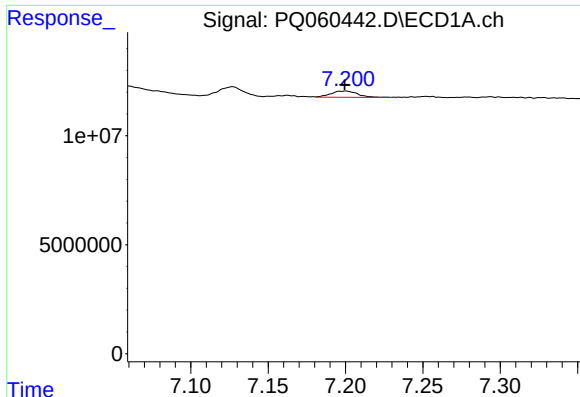
#34 AR-1260-4

R.T.: 6.869 min
Delta R.T.: -0.020 min
Response: 12196263
Conc: 12.38 ng/ml



#34 AR-1260-4

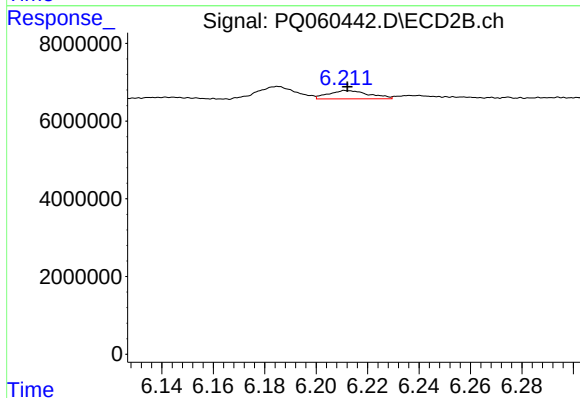
R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 1162718
Conc: 1.97 ng/ml



#35 AR-1260-5

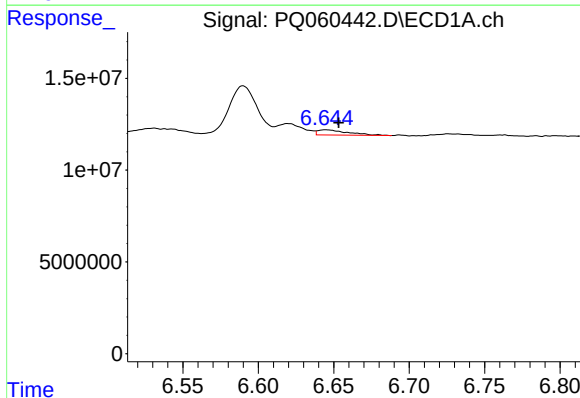
R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 3375327
Conc: 1.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



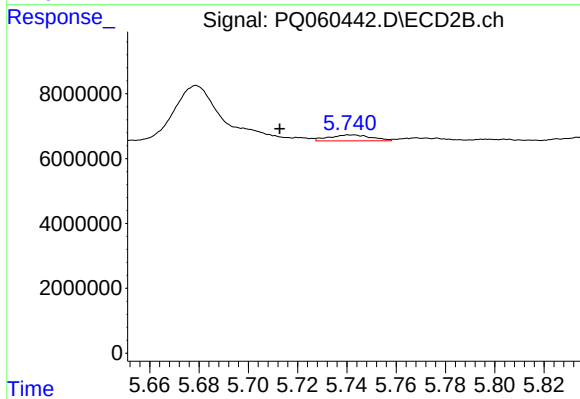
#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 2355011
Conc: 1.71 ng/ml



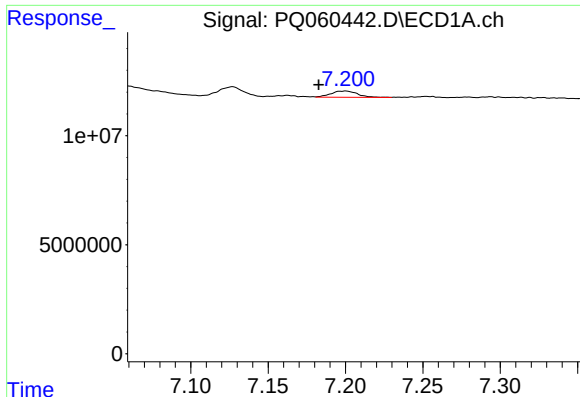
#36 AR-1262-1

R.T.: 6.645 min
Delta R.T.: -0.009 min
Response: 3897197
Conc: 3.39 ng/ml



#36 AR-1262-1

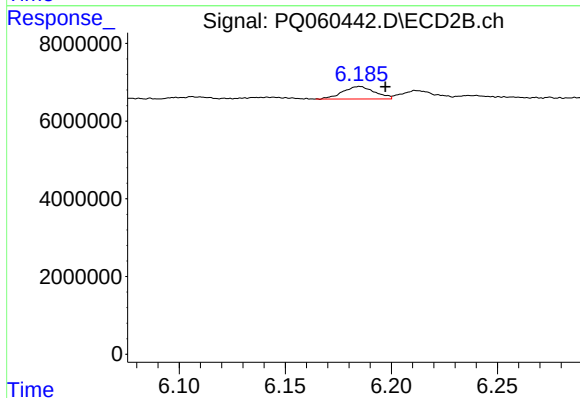
R.T.: 5.742 min
Delta R.T.: 0.029 min
Response: 2208096
Conc: 2.82 ng/ml



#37 AR-1262-2

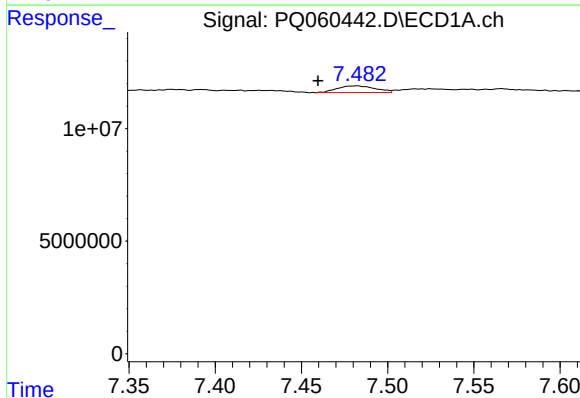
R.T.: 7.200 min
Delta R.T.: 0.017 min
Response: 3375327
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



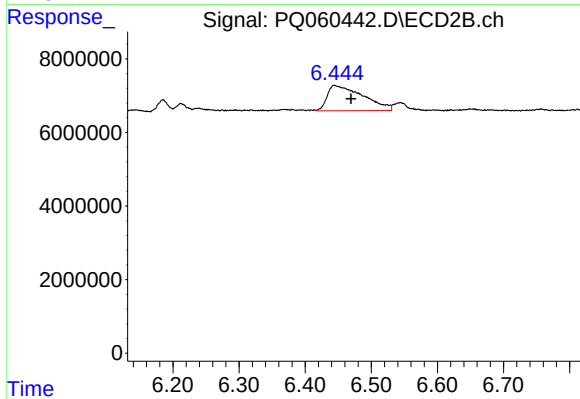
#37 AR-1262-2

R.T.: 6.185 min
Delta R.T.: -0.012 min
Response: 3364545
Conc: 2.37 ng/ml



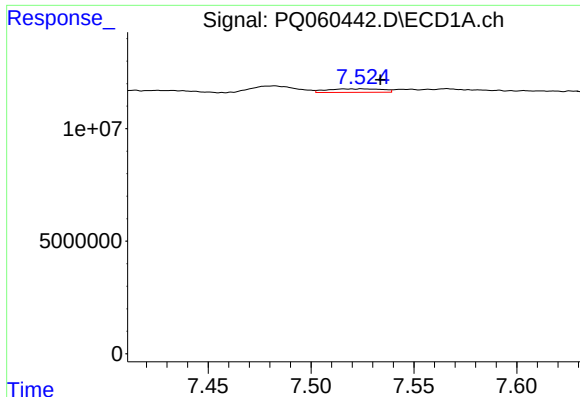
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.022 min
Response: 4535764
Conc: 3.47 ng/ml



#38 AR-1262-3

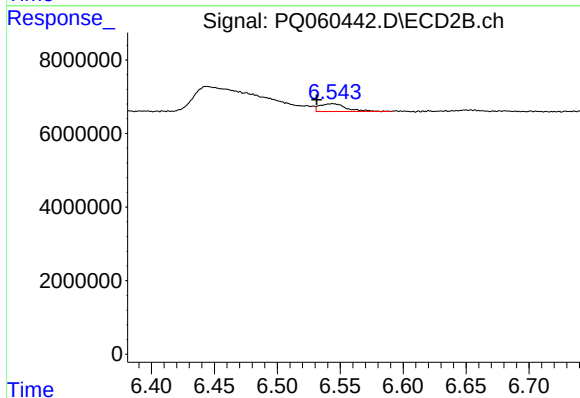
R.T.: 6.444 min
Delta R.T.: -0.025 min
Response: 26116734
Conc: 46.00 ng/ml



#39 AR-1262-4

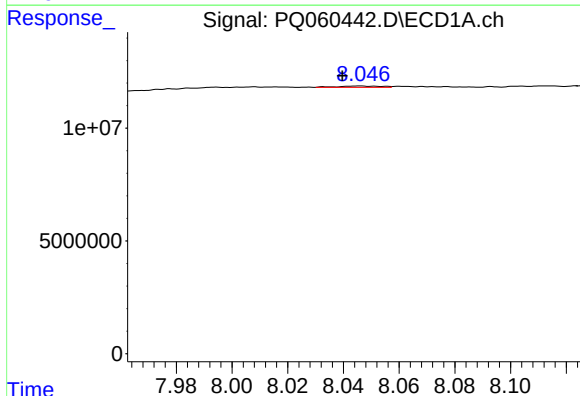
R.T.: 7.525 min
Delta R.T.: -0.009 min
Response: 2883727
Conc: 2.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



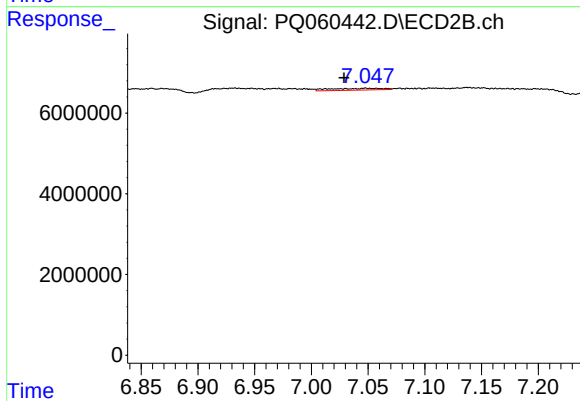
#39 AR-1262-4

R.T.: 6.544 min
Delta R.T.: 0.013 min
Response: 3201180
Conc: 3.00 ng/ml



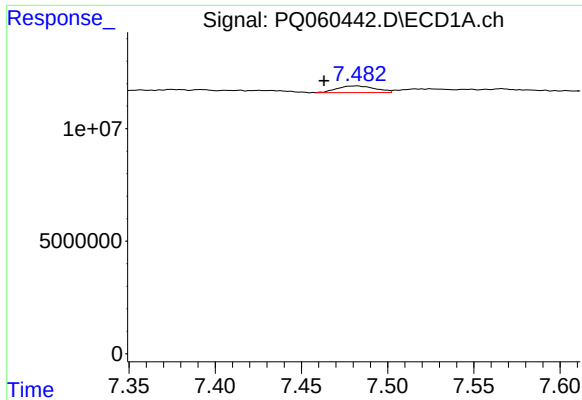
#40 AR-1262-5

R.T.: 8.046 min
Delta R.T.: 0.006 min
Response: 658419
Conc: 1.01 ng/ml



#40 AR-1262-5

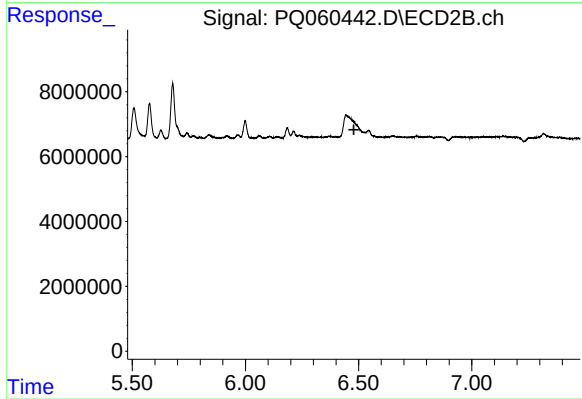
R.T.: 7.048 min
Delta R.T.: 0.019 min
Response: 1464798
Conc: 2.83 ng/ml



#41 AR-1268-1

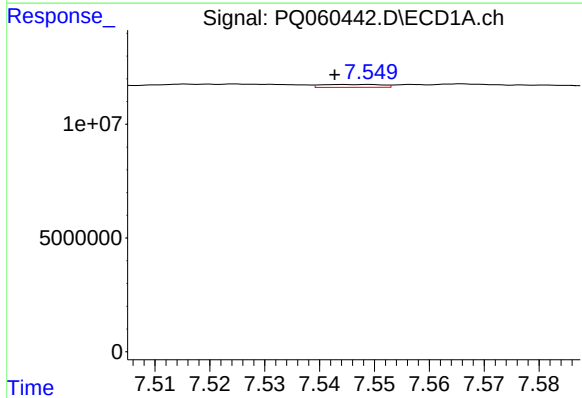
R.T.: 7.482 min
Delta R.T.: 0.019 min
Response: 4535764
Conc: 1.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



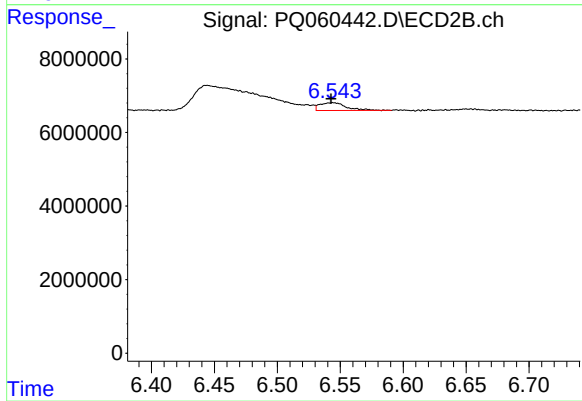
#41 AR-1268-1

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



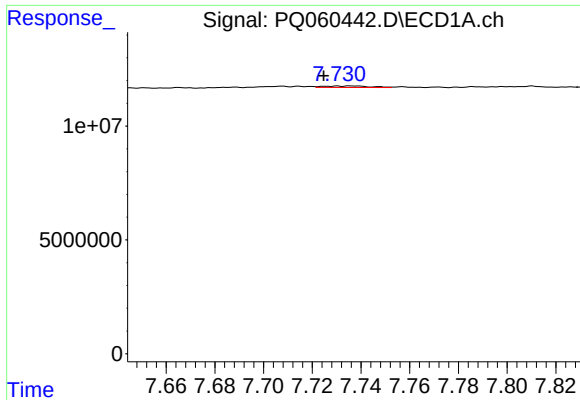
#42 AR-1268-2

R.T.: 7.549 min
Delta R.T.: 0.006 min
Response: 987006
Conc: 0.46 ng/ml



#42 AR-1268-2

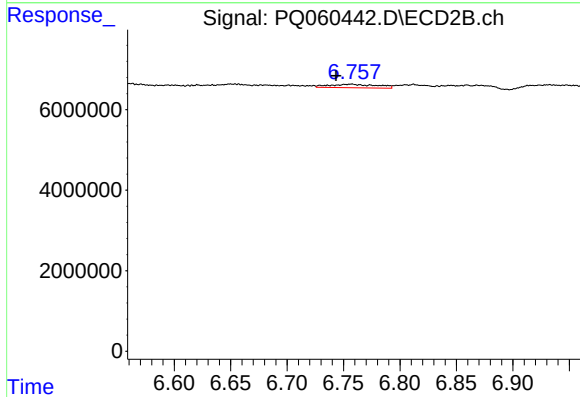
R.T.: 6.544 min
Delta R.T.: 0.002 min
Response: 3201180
Conc: 2.06 ng/ml



#43 AR-1268-3

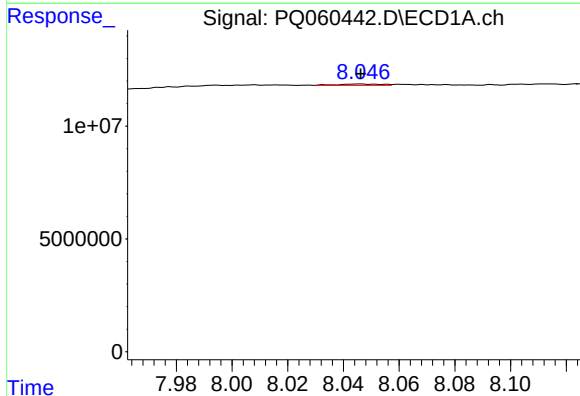
R.T.: 7.731 min
Delta R.T.: 0.006 min
Response: 834710
Conc: 0.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



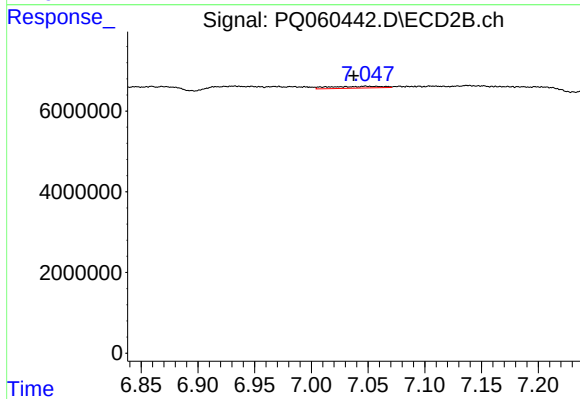
#43 AR-1268-3

R.T.: 6.757 min
Delta R.T.: 0.014 min
Response: 2589603
Conc: 1.90 ng/ml



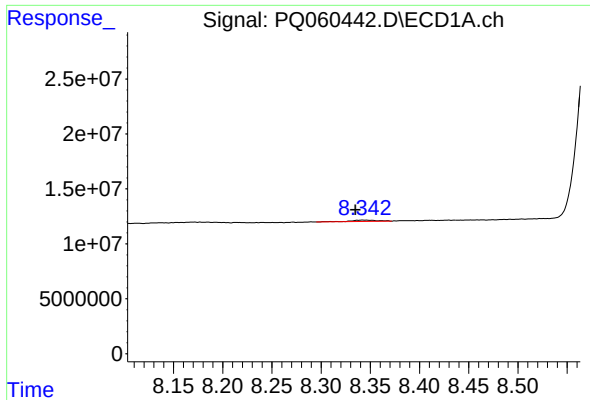
#44 AR-1268-4

R.T.: 8.046 min
Delta R.T.: 0.000 min
Response: 658419
Conc: 0.89 ng/ml



#44 AR-1268-4

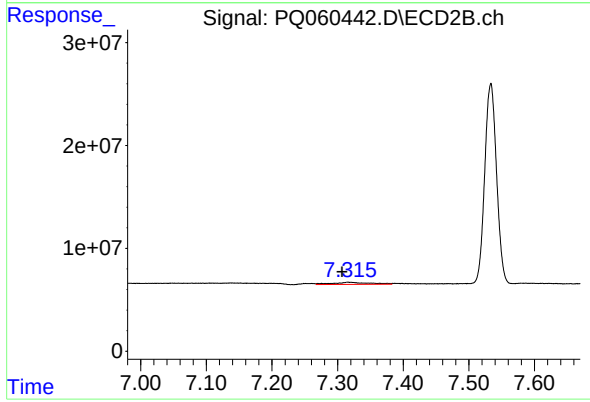
R.T.: 7.048 min
Delta R.T.: 0.010 min
Response: 1464798
Conc: 2.48 ng/ml



#45 AR-1268-5

R.T.: 8.343 min
Delta R.T.: 0.008 min
Response: 2370284
Conc: 0.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.316 min
Delta R.T.: 0.009 min
Response: 8168484
Conc: 1.92 ng/ml