

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
 Data File : PQ059516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 14:56
 Operator : YP\AJ
 Sample : N5016-17
 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: Oct 08 00:02:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.483	2.831	286.0E6	170.2E6	20.768	18.794
2)	SA Decachlor...	8.652	7.607	148.7E6	216.0E6	29.944	28.286
Target Compounds							
3)	L1 AR-1016-1	4.581	3.837	11756181	4166067	28.032	14.774 #
4)	L1 AR-1016-2	4.603	3.854	17418967	6155878	28.098	14.493 #
5)	L1 AR-1016-3	4.661	4.015	10591928	3689028	26.836	16.586 #
6)	L1 AR-1016-4	4.751	4.062	10497637	3491987	31.880	20.425 #
7)	L1 AR-1016-5	5.036	4.260	9090370	5647683	28.979	25.068
8)	L2 AR-1221-1	3.678	3.031	5436034	1958766	36.750	19.720 #
9)	L2 AR-1221-2	3.762	3.107	10763109	7044539	103.996	102.915
10)	L2 AR-1221-3	3.831	3.179	19849451	13633958	59.620	59.449
11)	L3 AR-1232-1	3.831	3.179	19849451	13633958	70.531	70.806
12)	L3 AR-1232-2	4.326	3.854	15503014	6155878	105.524	32.684 #
13)	L3 AR-1232-3	4.603	4.015	17418967	3689028	61.038	37.829 #
14)	L3 AR-1232-4	4.751	4.099	10497637	3047278	70.163	37.330 #
15)	L3 AR-1232-5	4.848	4.260	7341282	5647683	69.943	59.147
16)	L4 AR-1242-1	4.581	3.837	11756181	4166067	33.748	17.954 #
17)	L4 AR-1242-2	4.603	3.854	17418967	6155878	34.055	17.659 #
18)	L4 AR-1242-3	4.661	4.015	10591928	3689028	32.753	20.189 #
19)	L4 AR-1242-4	4.751	4.099	10497637	3047278	38.957	18.066 #
20)	L4 AR-1242-5	5.457	4.577	42381101	7715667	157.695	34.880 #
21)	L5 AR-1248-1	4.581	3.837	11756181	4166067	44.325	23.433 #
22)	L5 AR-1248-2	4.848	4.062	7341282	3491987	20.592	13.832 #
23)	L5 AR-1248-3	5.036	4.099	9090370	3047278	21.166	12.069 #
24)	L5 AR-1248-4	5.417	4.260	2311015	5647683	4.972	18.082 #
25)	L5 AR-1248-5	5.457	4.646	42381101	6639981	92.065	21.133 #
26)	L6 AR-1254-1	5.412	4.577	3617867	7715667	7.544	15.782 #
27)	L6 AR-1254-2	5.624	4.752	3167460	2394785	4.259	5.530 #
28)	L6 AR-1254-3	5.984	5.124	128175	3997726	0.164	5.769 #
29)	L6 AR-1254-4	6.284	5.346	168901	1833383	0.309	4.259 #
30)	L6 AR-1254-5	6.648	5.761	3175969	474097	5.357	0.766 #
31)	L7 AR-1260-1	6.108	5.263	1498435	1056560	2.693	2.345
32)	L7 AR-1260-2	6.384	5.443	4780037	157264	7.487	0.286 #
33)	L7 AR-1260-3	6.808f	5.597	1610365	632127	3.601	1.218 #
34)	L7 AR-1260-4	6.996	6.053	1179845	819240	2.447	1.853
35)	L7 AR-1260-5	7.294	6.300	246778	436926	0.280	0.428 #
36)	L8 AR-1262-1	6.808f	5.790	1610365	983734	2.316	1.544 #
37)	L8 AR-1262-2	7.294	6.300	246778	436926	0.227	0.374 #
38)	L8 AR-1262-3	7.608f	6.558	42097	2444922	0.063	5.309 #
39)	L8 AR-1262-4	7.608	6.648	42097	638340	0.134	0.728 #
41)	L9 AR-1268-1	7.608f	6.558	42097	2444922	0.036	1.738 #
42)	L9 AR-1268-2	7.608	6.648	42097	638340	0.040	0.493 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
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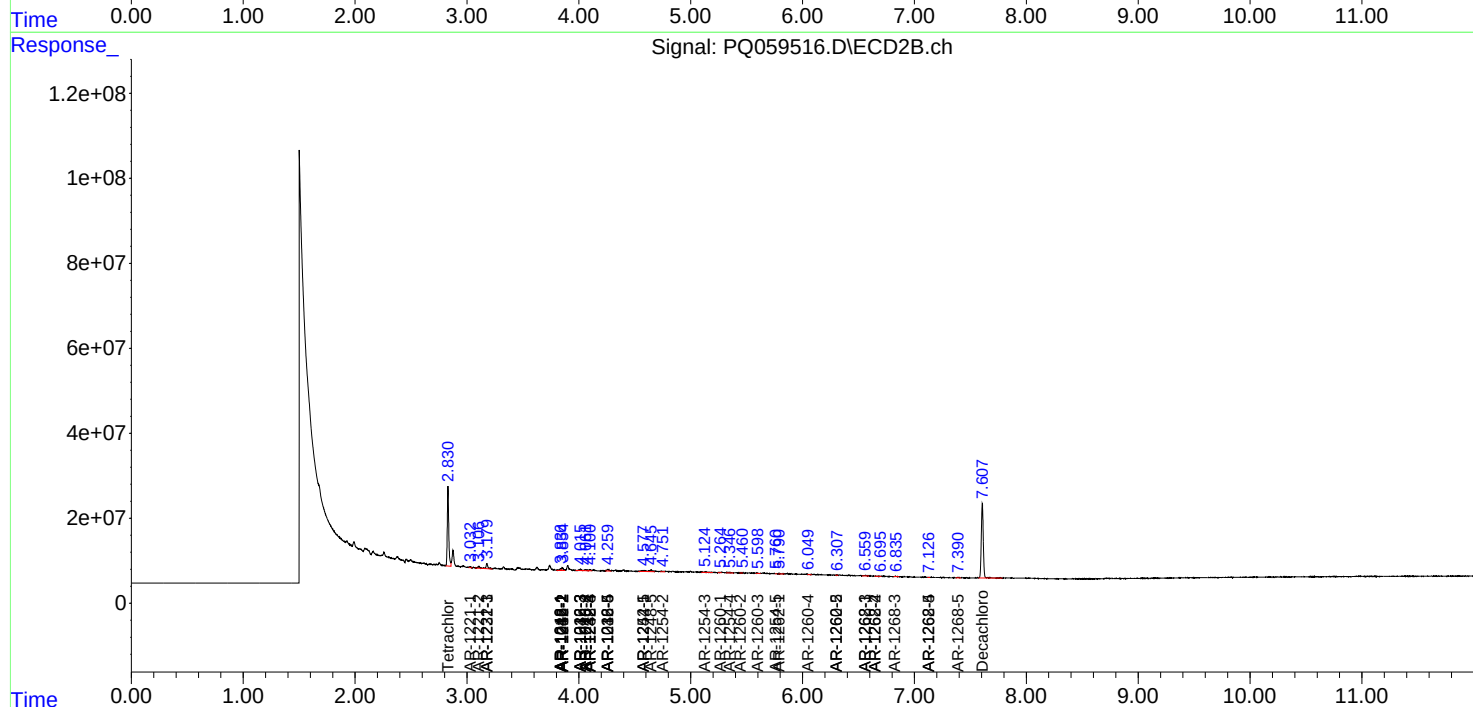
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

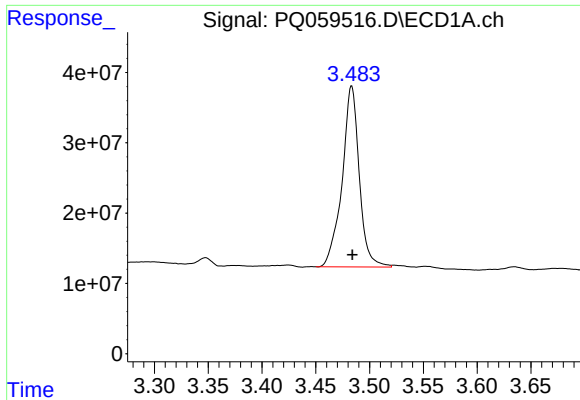
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	7.797	6.826	515296	691908	0.613	0.627
45) L9	AR-1268-5	8.419	7.390	1046585	1728412	0.465	0.483

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

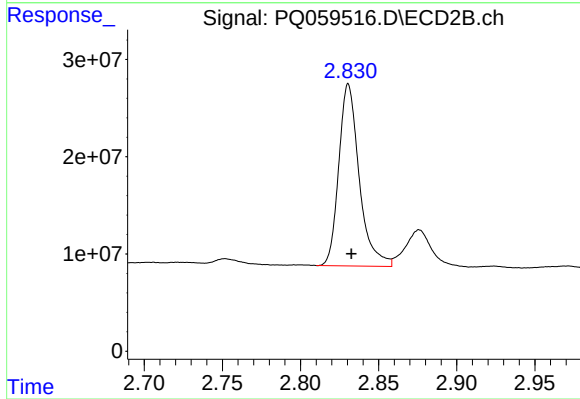




#1 Tetrachloro-m-xylene

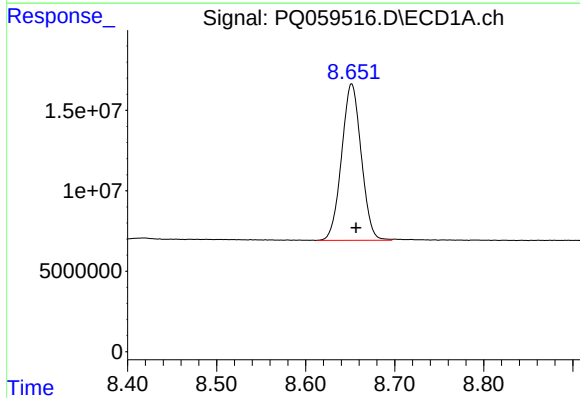
R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 285956293
Conc: 20.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



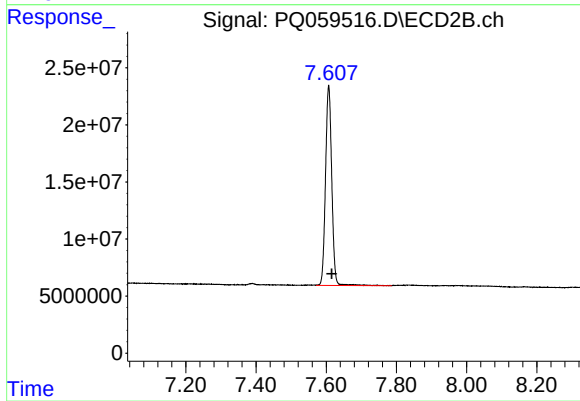
#1 Tetrachloro-m-xylene

R.T.: 2.831 min
Delta R.T.: -0.002 min
Response: 170243839
Conc: 18.79 ng/ml



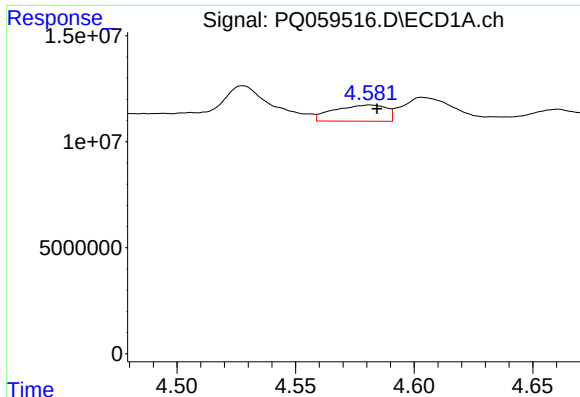
#2 Decachlorobiphenyl

R.T.: 8.652 min
Delta R.T.: -0.005 min
Response: 148705932
Conc: 29.94 ng/ml



#2 Decachlorobiphenyl

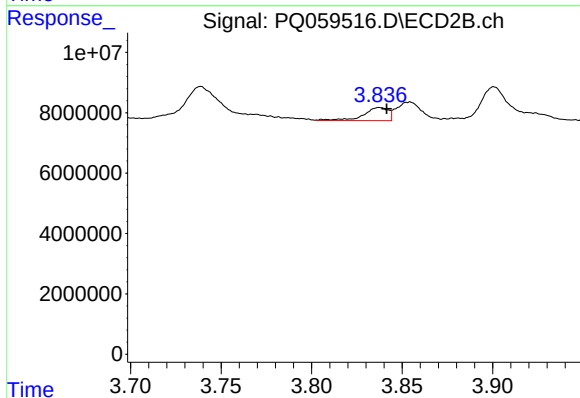
R.T.: 7.607 min
Delta R.T.: -0.009 min
Response: 215995360
Conc: 28.29 ng/ml



#3 AR-1016-1

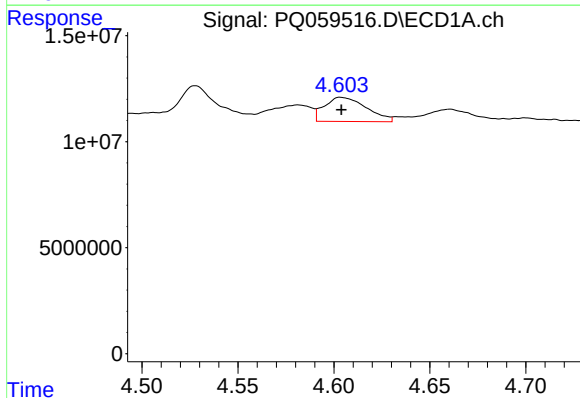
R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 11756181
Conc: 28.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



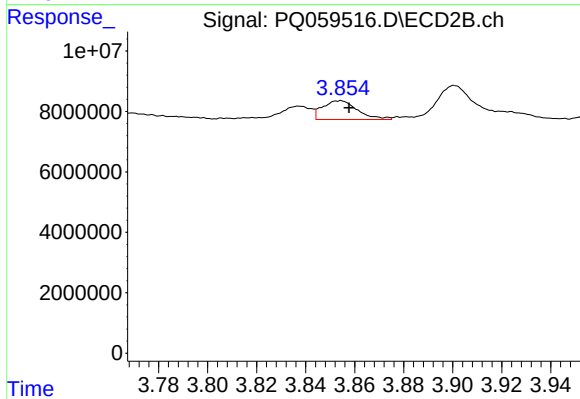
#3 AR-1016-1

R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 4166067
Conc: 14.77 ng/ml



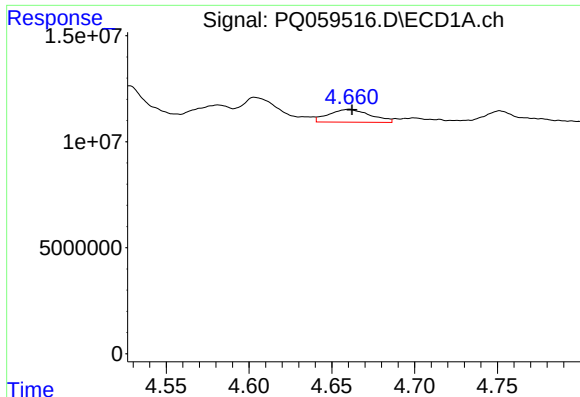
#4 AR-1016-2

R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 17418967
Conc: 28.10 ng/ml



#4 AR-1016-2

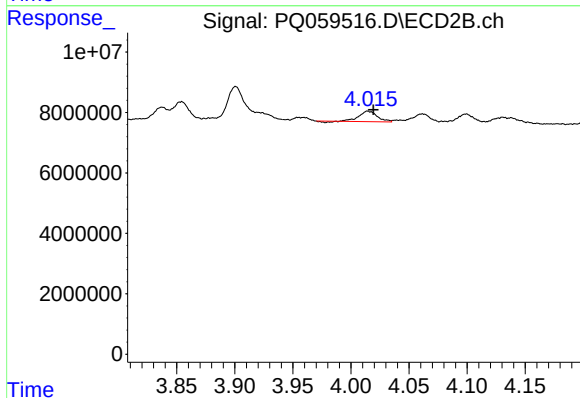
R.T.: 3.854 min
Delta R.T.: -0.004 min
Response: 6155878
Conc: 14.49 ng/ml



#5 AR-1016-3

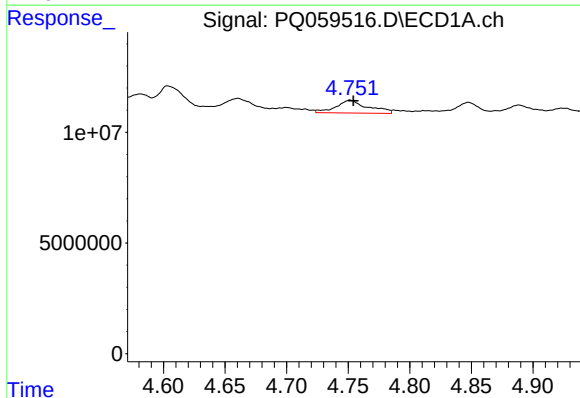
R.T.: 4.661 min
Delta R.T.: -0.002 min
Response: 10591928
Conc: 26.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



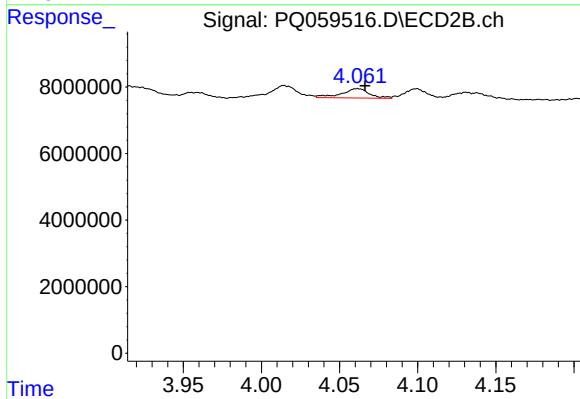
#5 AR-1016-3

R.T.: 4.015 min
Delta R.T.: -0.005 min
Response: 3689028
Conc: 16.59 ng/ml



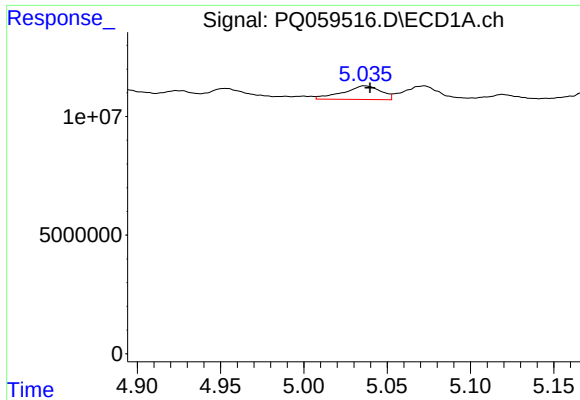
#6 AR-1016-4

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 10497637
Conc: 31.88 ng/ml



#6 AR-1016-4

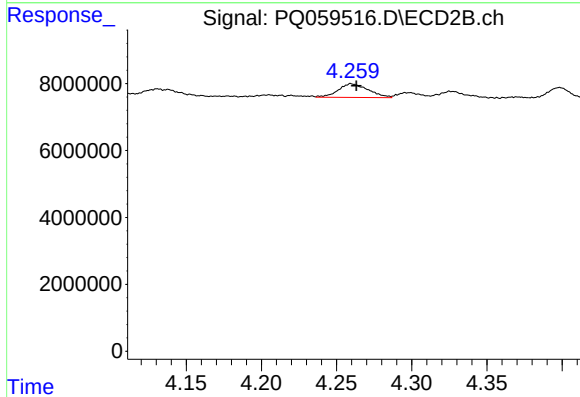
R.T.: 4.062 min
Delta R.T.: -0.005 min
Response: 3491987
Conc: 20.43 ng/ml



#7 AR-1016-5

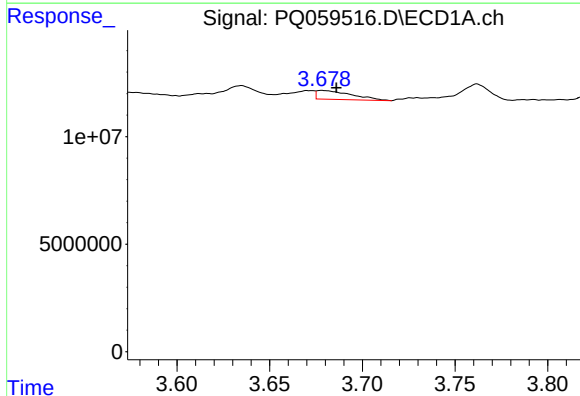
R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 9090370
Conc: 28.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



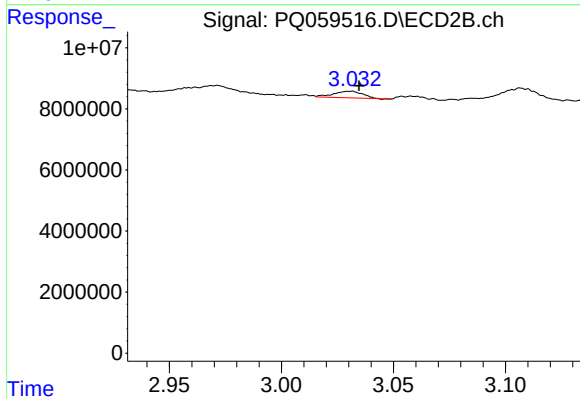
#7 AR-1016-5

R.T.: 4.260 min
Delta R.T.: -0.003 min
Response: 5647683
Conc: 25.07 ng/ml



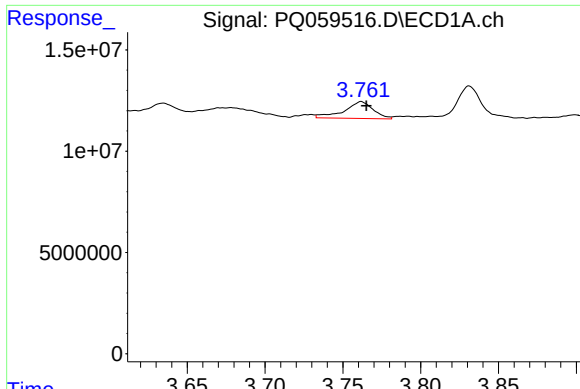
#8 AR-1221-1

R.T.: 3.678 min
Delta R.T.: -0.008 min
Response: 5436034
Conc: 36.75 ng/ml



#8 AR-1221-1

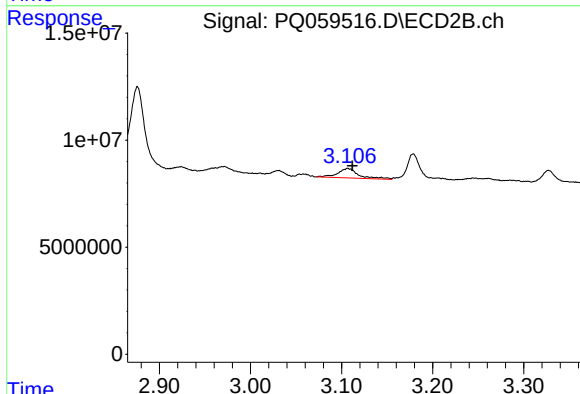
R.T.: 3.031 min
Delta R.T.: -0.004 min
Response: 1958766
Conc: 19.72 ng/ml



#9 AR-1221-2

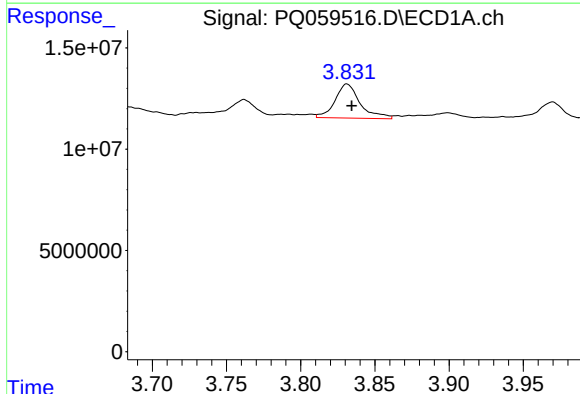
R.T.: 3.762 min
Delta R.T.: -0.003 min
Response: 10763109
Conc: 104.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



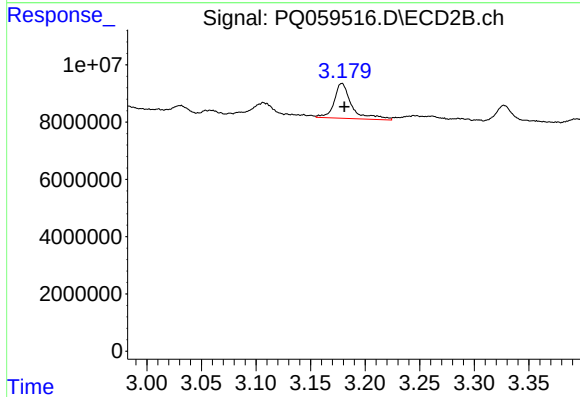
#9 AR-1221-2

R.T.: 3.107 min
Delta R.T.: -0.005 min
Response: 7044539
Conc: 102.91 ng/ml



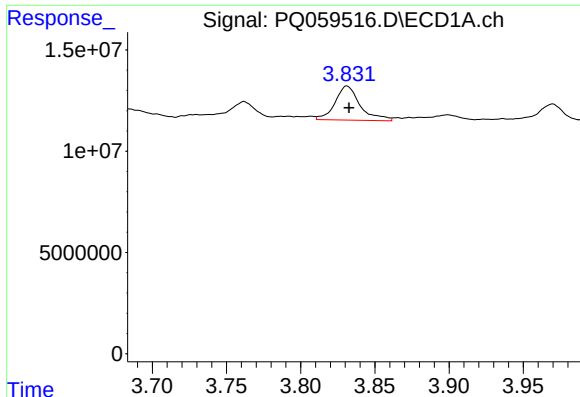
#10 AR-1221-3

R.T.: 3.831 min
Delta R.T.: -0.003 min
Response: 19849451
Conc: 59.62 ng/ml



#10 AR-1221-3

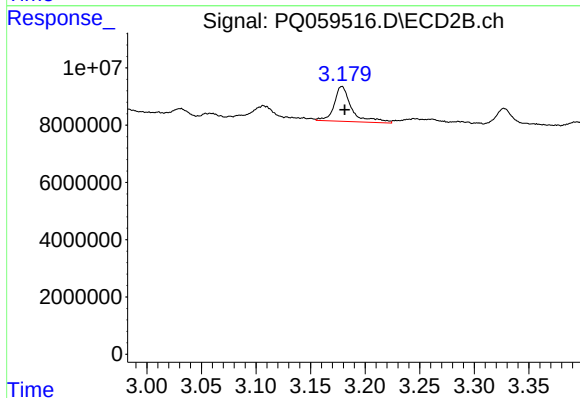
R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 13633958
Conc: 59.45 ng/ml



#11 AR-1232-1

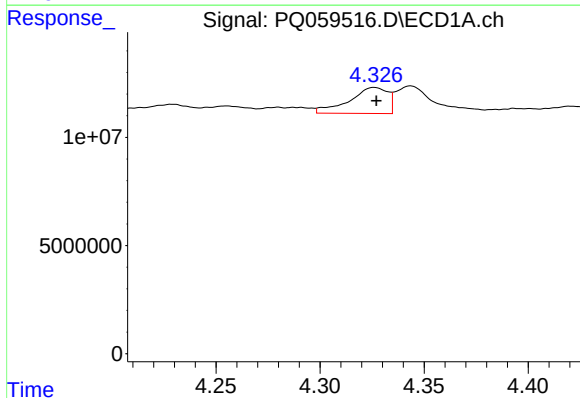
R.T.: 3.831 min
Delta R.T.: -0.002 min
Response: 19849451
Conc: 70.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



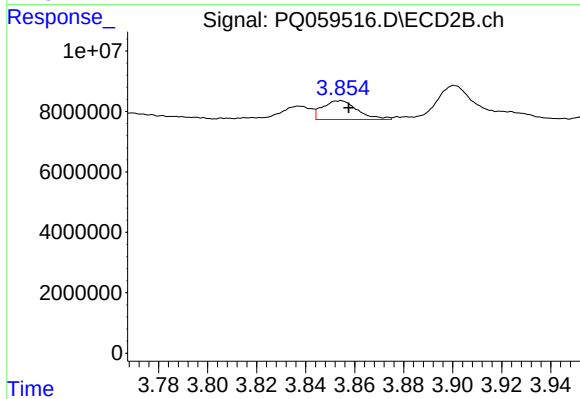
#11 AR-1232-1

R.T.: 3.179 min
Delta R.T.: -0.003 min
Response: 13633958
Conc: 70.81 ng/ml



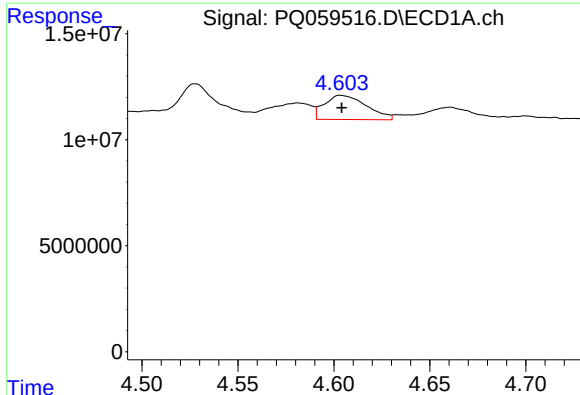
#12 AR-1232-2

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 15503014
Conc: 105.52 ng/ml



#12 AR-1232-2

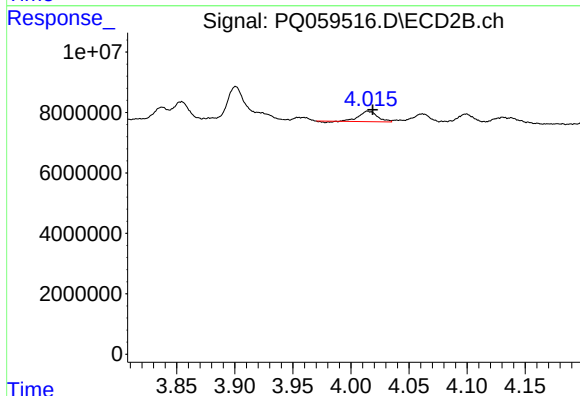
R.T.: 3.854 min
Delta R.T.: -0.004 min
Response: 6155878
Conc: 32.68 ng/ml



#13 AR-1232-3

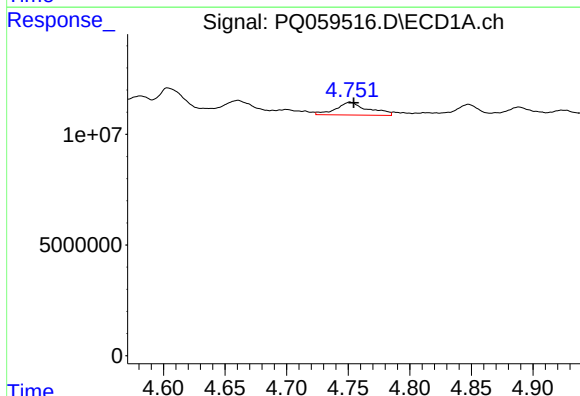
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 17418967
Conc: 61.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



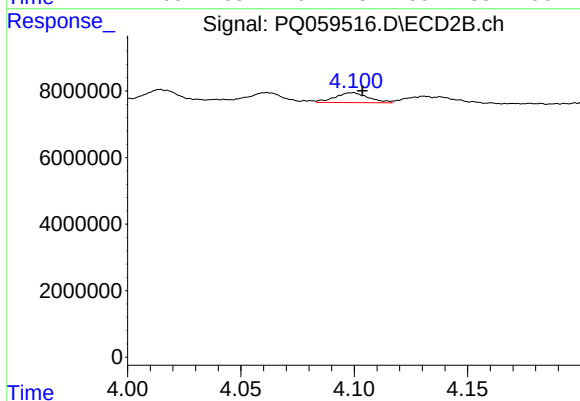
#13 AR-1232-3

R.T.: 4.015 min
Delta R.T.: -0.004 min
Response: 3689028
Conc: 37.83 ng/ml



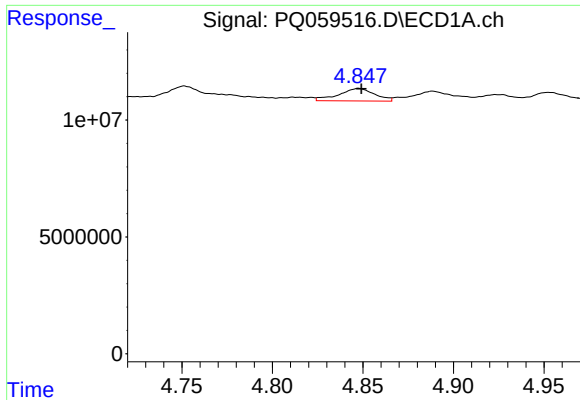
#14 AR-1232-4

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 10497637
Conc: 70.16 ng/ml



#14 AR-1232-4

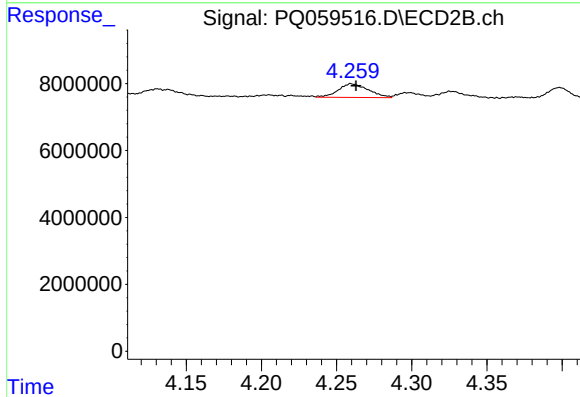
R.T.: 4.099 min
Delta R.T.: -0.005 min
Response: 3047278
Conc: 37.33 ng/ml



#15 AR-1232-5

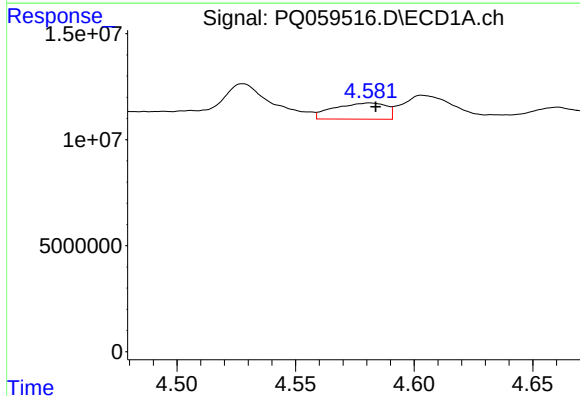
R.T.: 4.848 min
Delta R.T.: -0.002 min
Response: 7341282
Conc: 69.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



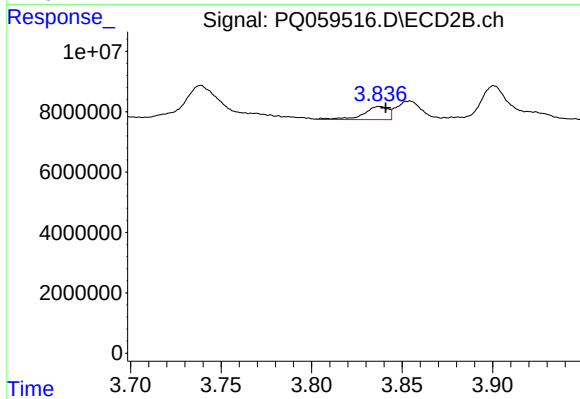
#15 AR-1232-5

R.T.: 4.260 min
Delta R.T.: -0.003 min
Response: 5647683
Conc: 59.15 ng/ml



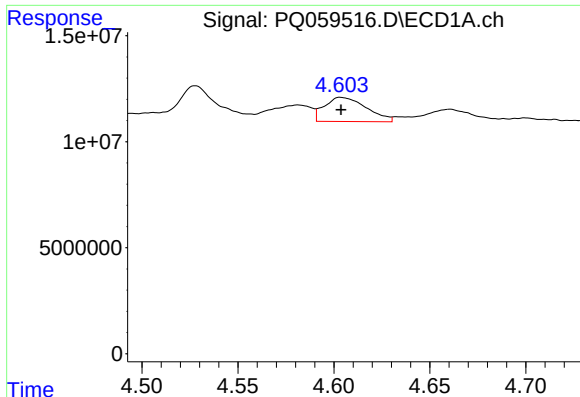
#16 AR-1242-1

R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 11756181
Conc: 33.75 ng/ml



#16 AR-1242-1

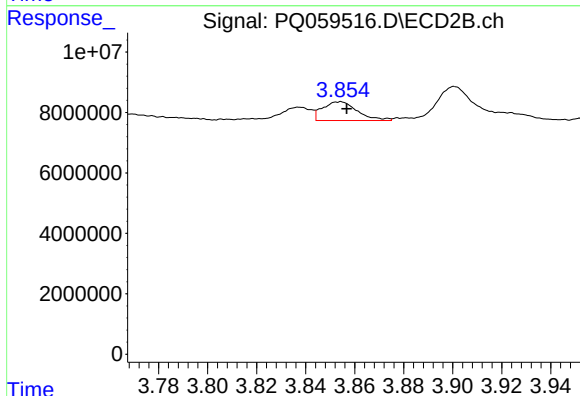
R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 4166067
Conc: 17.95 ng/ml



#17 AR-1242-2

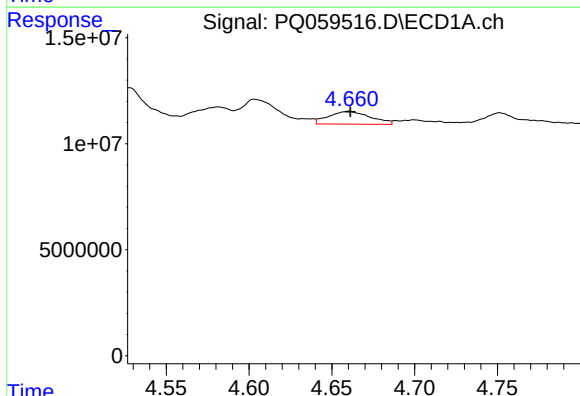
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 17418967
Conc: 34.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



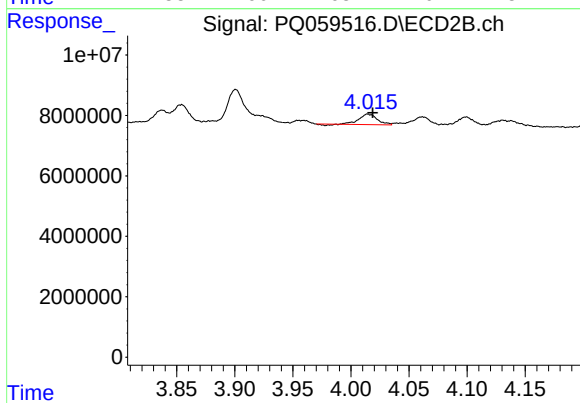
#17 AR-1242-2

R.T.: 3.854 min
Delta R.T.: -0.003 min
Response: 6155878
Conc: 17.66 ng/ml



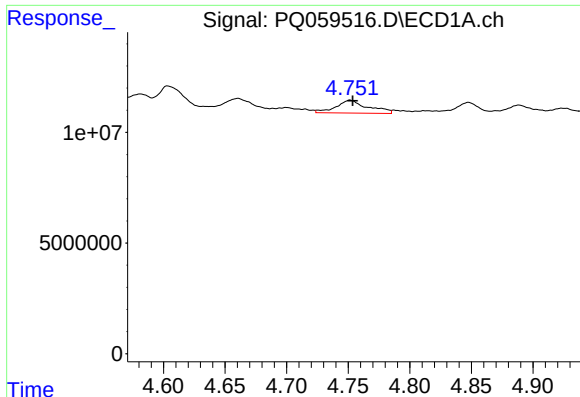
#18 AR-1242-3

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 10591928
Conc: 32.75 ng/ml



#18 AR-1242-3

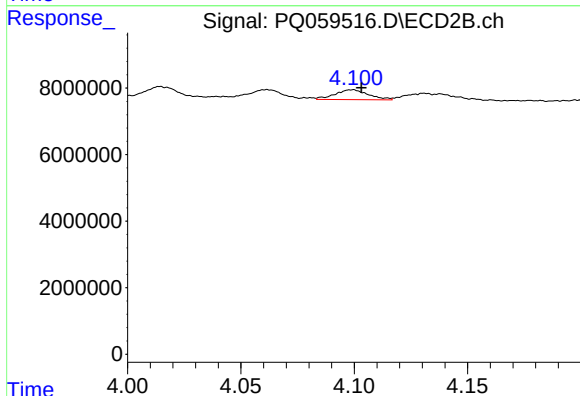
R.T.: 4.015 min
Delta R.T.: -0.004 min
Response: 3689028
Conc: 20.19 ng/ml



#19 AR-1242-4

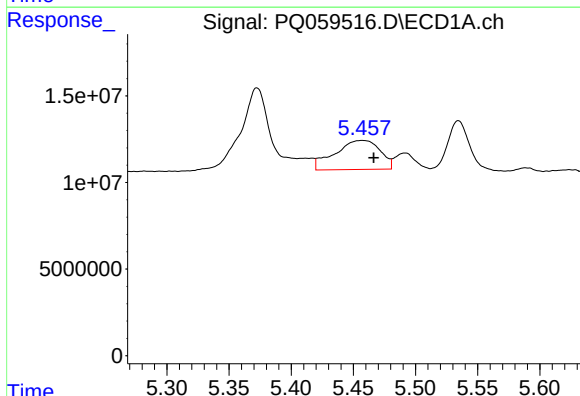
R.T.: 4.751 min
Delta R.T.: -0.002 min
Response: 10497637
Conc: 38.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



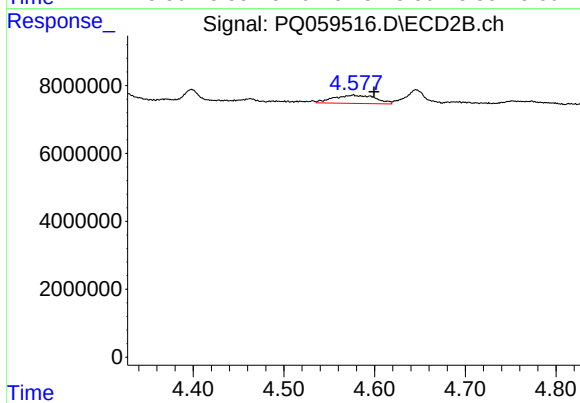
#19 AR-1242-4

R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 3047278
Conc: 18.07 ng/ml



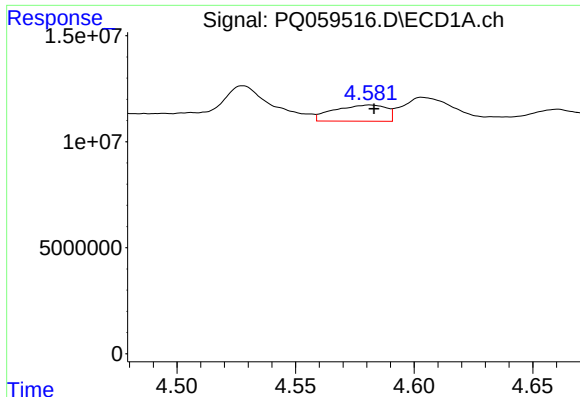
#20 AR-1242-5

R.T.: 5.457 min
Delta R.T.: -0.009 min
Response: 42381101
Conc: 157.70 ng/ml



#20 AR-1242-5

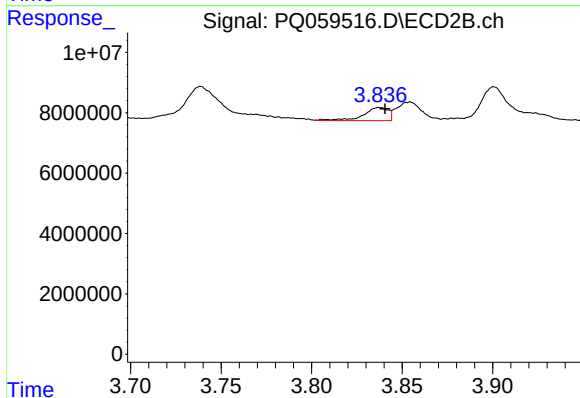
R.T.: 4.577 min
Delta R.T.: -0.023 min
Response: 7715667
Conc: 34.88 ng/ml



#21 AR-1248-1

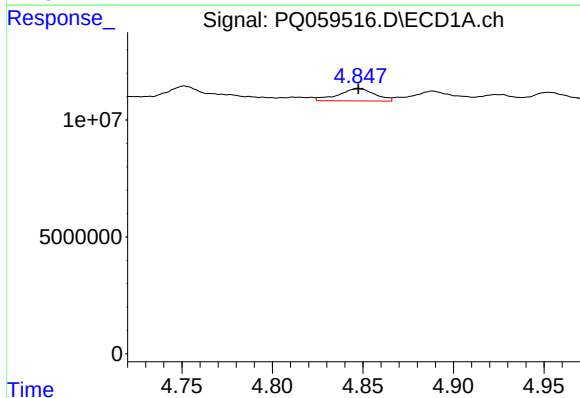
R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 11756181
Conc: 44.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



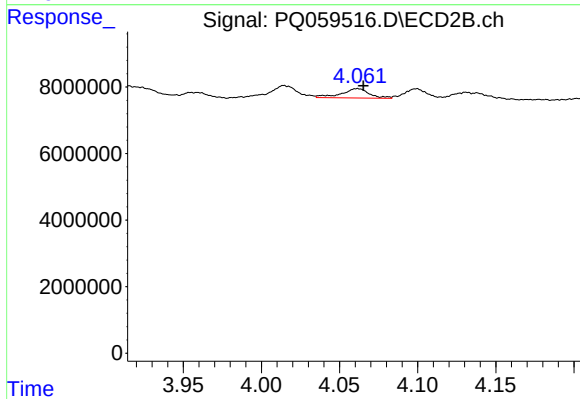
#21 AR-1248-1

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 4166067
Conc: 23.43 ng/ml



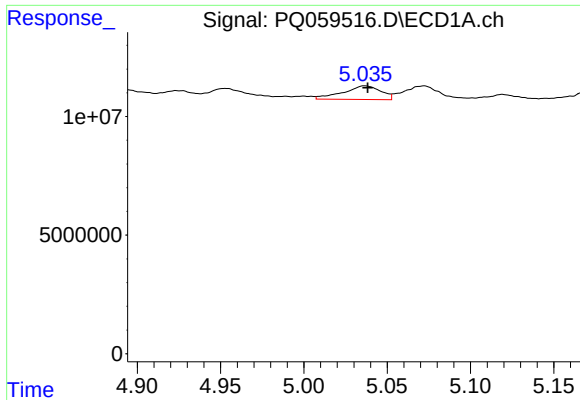
#22 AR-1248-2

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 7341282
Conc: 20.59 ng/ml



#22 AR-1248-2

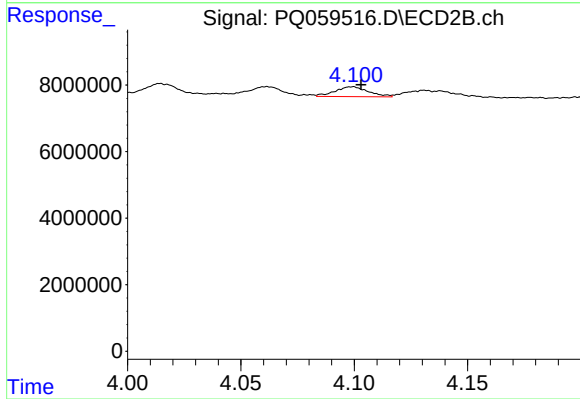
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 3491987
Conc: 13.83 ng/ml



#23 AR-1248-3

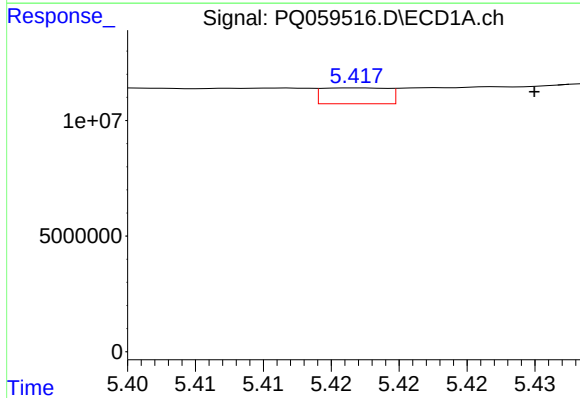
R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 9090370
Conc: 21.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



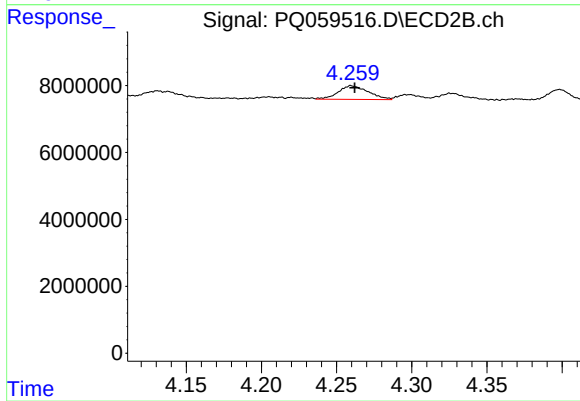
#23 AR-1248-3

R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 3047278
Conc: 12.07 ng/ml



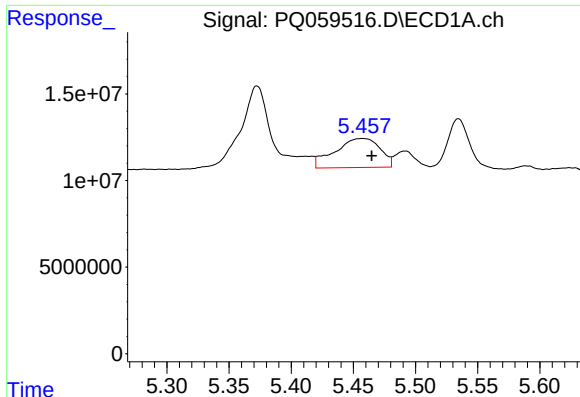
#24 AR-1248-4

R.T.: 5.417 min
Delta R.T.: -0.013 min
Response: 2311015
Conc: 4.97 ng/ml



#24 AR-1248-4

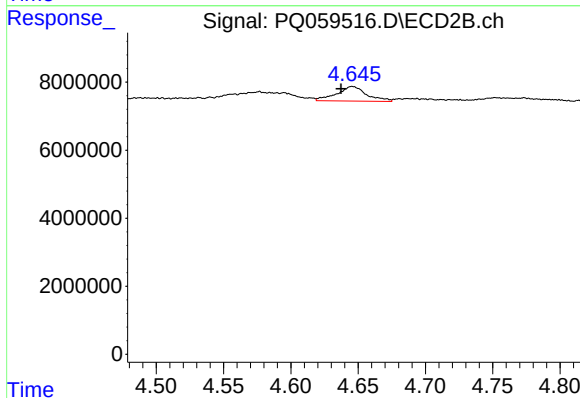
R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 5647683
Conc: 18.08 ng/ml



#25 AR-1248-5

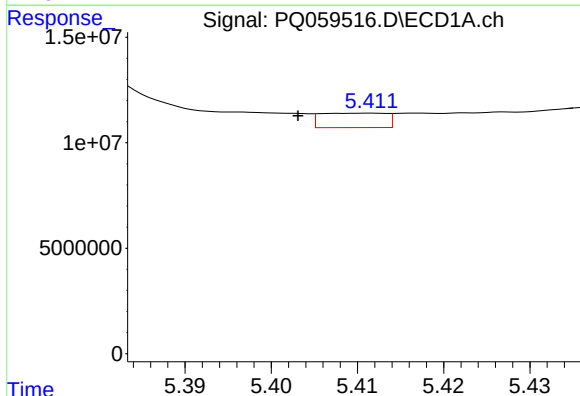
R.T.: 5.457 min
Delta R.T.: -0.008 min
Response: 42381101
Conc: 92.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



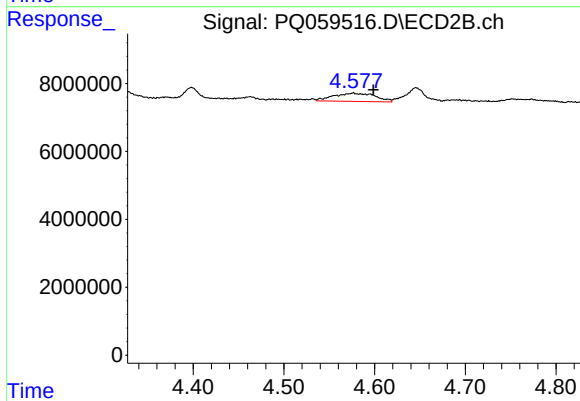
#25 AR-1248-5

R.T.: 4.646 min
Delta R.T.: 0.008 min
Response: 6639981
Conc: 21.13 ng/ml



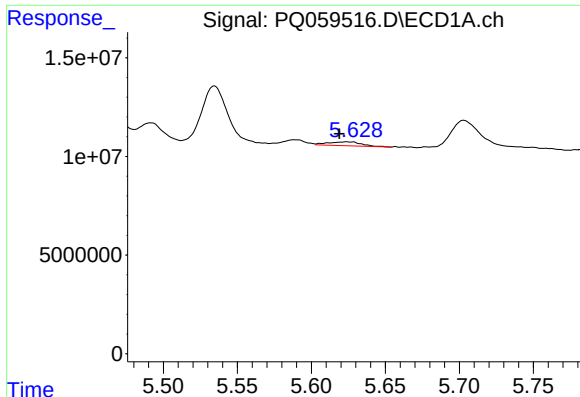
#26 AR-1254-1

R.T.: 5.412 min
Delta R.T.: 0.008 min
Response: 3617867
Conc: 7.54 ng/ml



#26 AR-1254-1

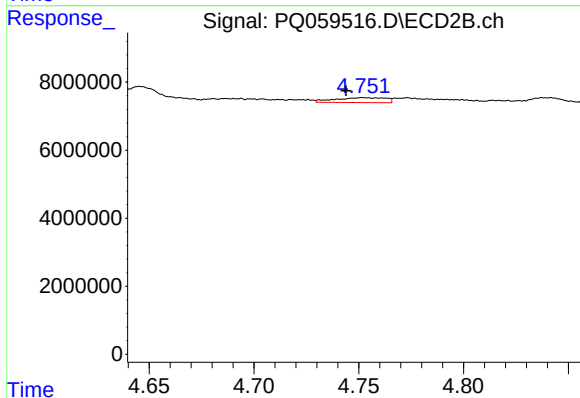
R.T.: 4.577 min
Delta R.T.: -0.022 min
Response: 7715667
Conc: 15.78 ng/ml



#27 AR-1254-2

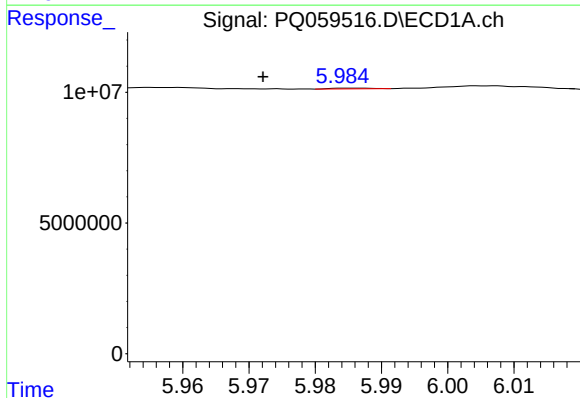
R.T.: 5.624 min
Delta R.T.: 0.005 min
Response: 3167460
Conc: 4.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



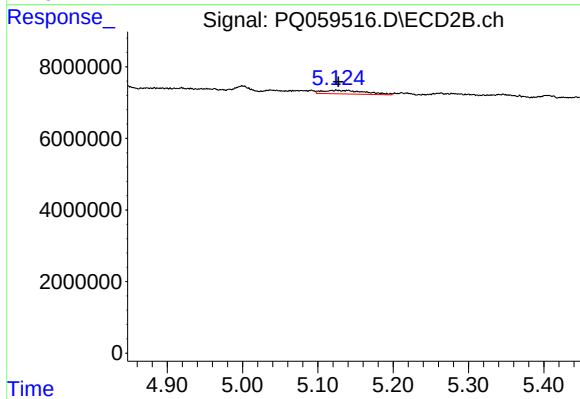
#27 AR-1254-2

R.T.: 4.752 min
Delta R.T.: 0.008 min
Response: 2394785
Conc: 5.53 ng/ml



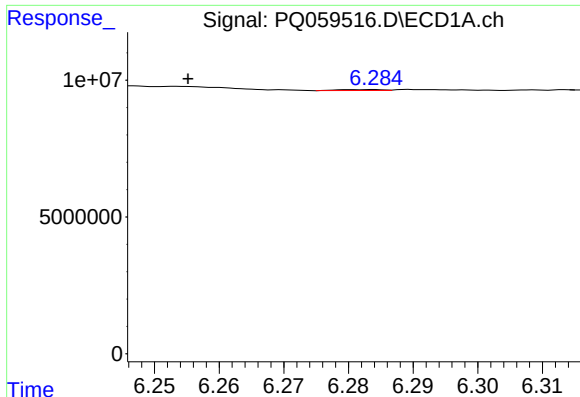
#28 AR-1254-3

R.T.: 5.984 min
Delta R.T.: 0.012 min
Response: 128175
Conc: 0.16 ng/ml



#28 AR-1254-3

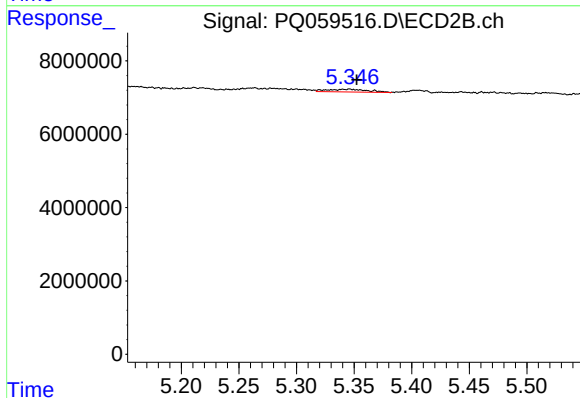
R.T.: 5.124 min
Delta R.T.: -0.003 min
Response: 3997726
Conc: 5.77 ng/ml



#29 AR-1254-4

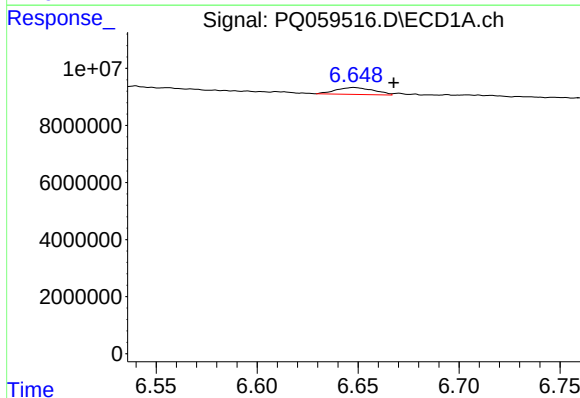
R.T.: 6.284 min
Delta R.T.: 0.029 min
Response: 168901
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



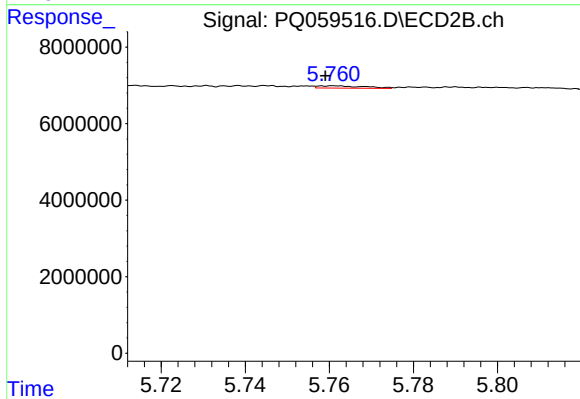
#29 AR-1254-4

R.T.: 5.346 min
Delta R.T.: -0.006 min
Response: 1833383
Conc: 4.26 ng/ml



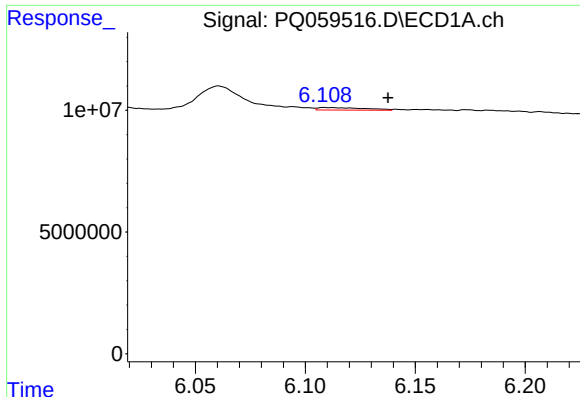
#30 AR-1254-5

R.T.: 6.648 min
Delta R.T.: -0.020 min
Response: 3175969
Conc: 5.36 ng/ml



#30 AR-1254-5

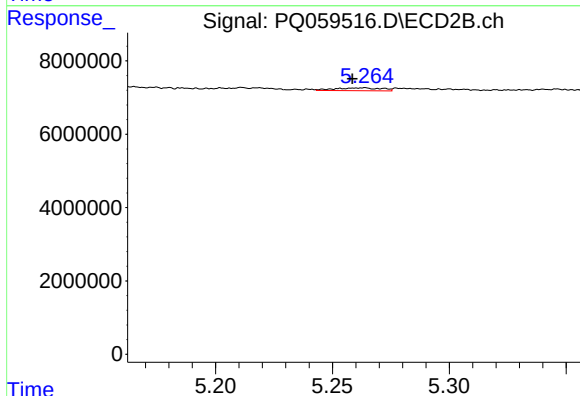
R.T.: 5.761 min
Delta R.T.: 0.002 min
Response: 474097
Conc: 0.77 ng/ml



#31 AR-1260-1

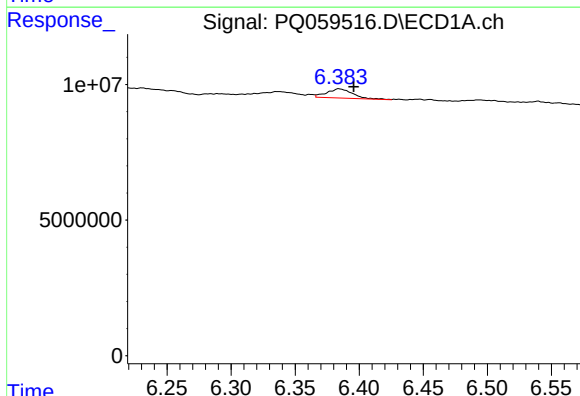
R.T.: 6.108 min
Delta R.T.: -0.029 min
Response: 1498435
Conc: 2.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



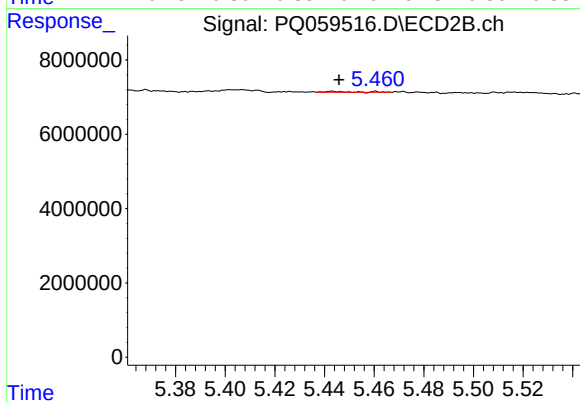
#31 AR-1260-1

R.T.: 5.263 min
Delta R.T.: 0.005 min
Response: 1056560
Conc: 2.34 ng/ml



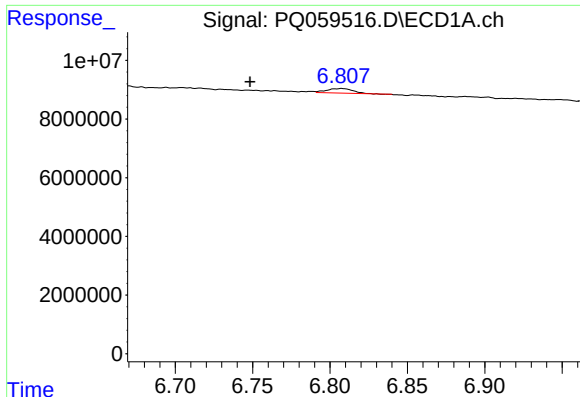
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.012 min
Response: 4780037
Conc: 7.49 ng/ml



#32 AR-1260-2

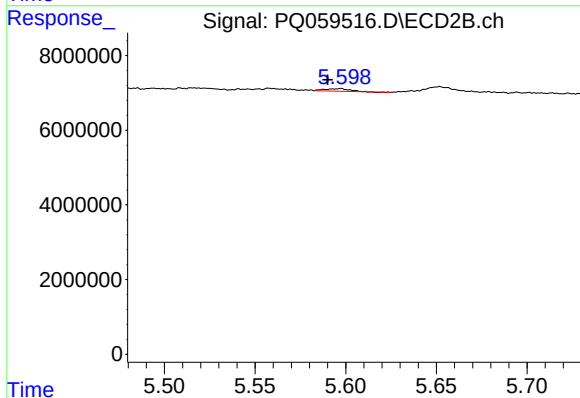
R.T.: 5.443 min
Delta R.T.: -0.003 min
Response: 157264
Conc: 0.29 ng/ml



#33 AR-1260-3

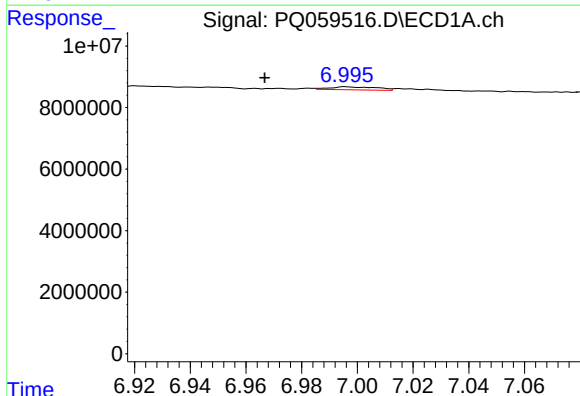
R.T.: 6.808 min
Delta R.T.: 0.059 min
Response: 1610365
Conc: 3.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



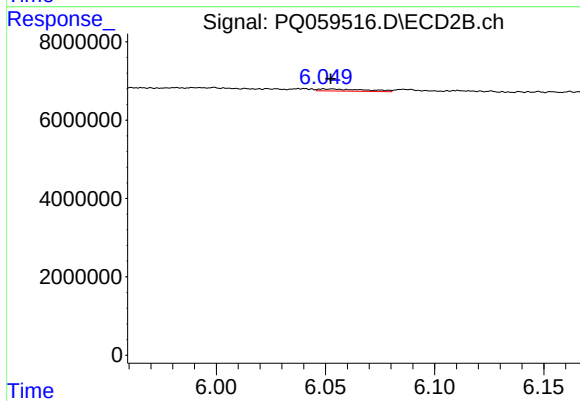
#33 AR-1260-3

R.T.: 5.597 min
Delta R.T.: 0.007 min
Response: 632127
Conc: 1.22 ng/ml



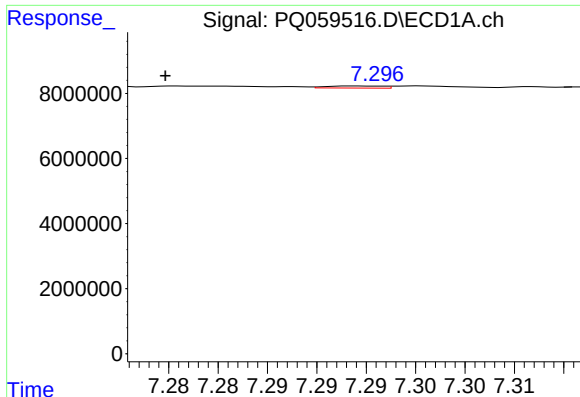
#34 AR-1260-4

R.T.: 6.996 min
Delta R.T.: 0.029 min
Response: 1179845
Conc: 2.45 ng/ml



#34 AR-1260-4

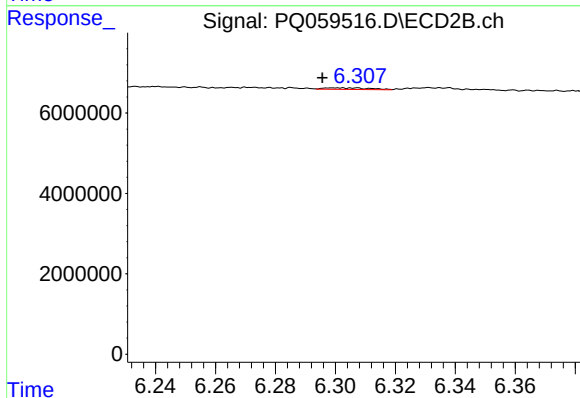
R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 819240
Conc: 1.85 ng/ml



#35 AR-1260-5

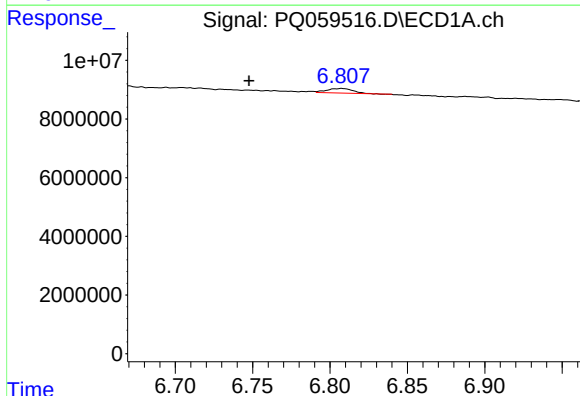
R.T.: 7.294 min
Delta R.T.: 0.019 min
Response: 246778
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



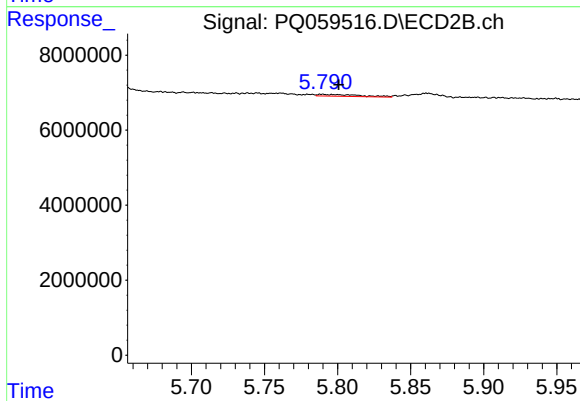
#35 AR-1260-5

R.T.: 6.300 min
Delta R.T.: 0.004 min
Response: 436926
Conc: 0.43 ng/ml



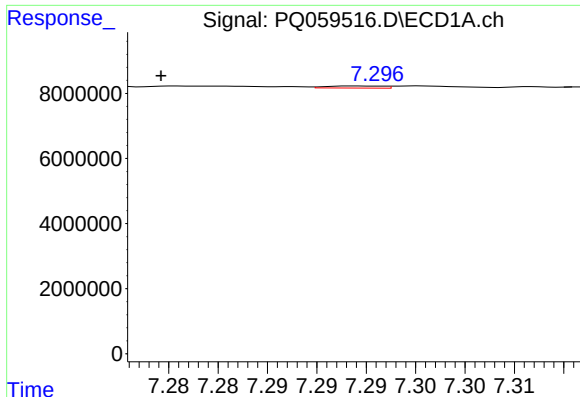
#36 AR-1262-1

R.T.: 6.808 min
Delta R.T.: 0.060 min
Response: 1610365
Conc: 2.32 ng/ml



#36 AR-1262-1

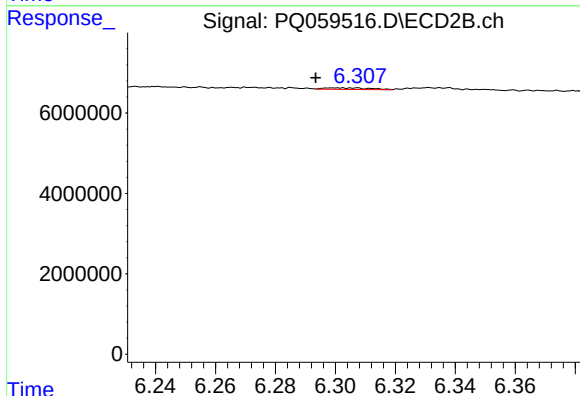
R.T.: 5.790 min
Delta R.T.: -0.011 min
Response: 983734
Conc: 1.54 ng/ml



#37 AR-1262-2

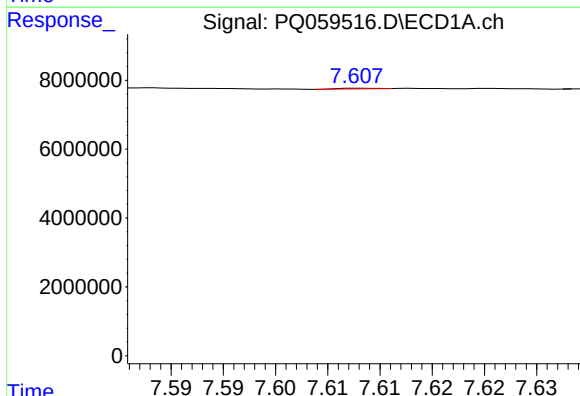
R.T.: 7.294 min
Delta R.T.: 0.020 min
Response: 246778
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



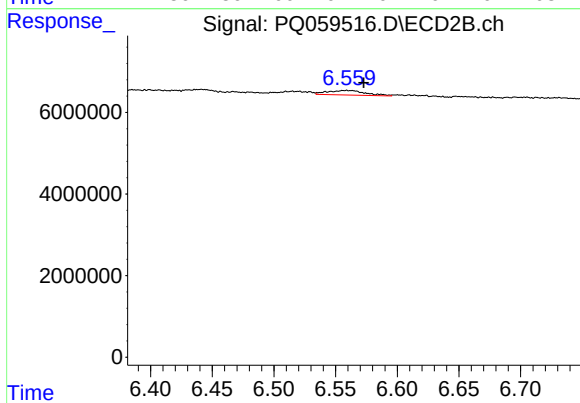
#37 AR-1262-2

R.T.: 6.300 min
Delta R.T.: 0.007 min
Response: 436926
Conc: 0.37 ng/ml



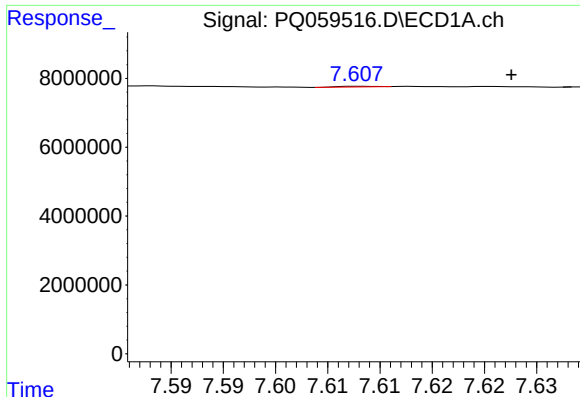
#38 AR-1262-3

R.T.: 7.608 min
Delta R.T.: 0.058 min
Response: 42097
Conc: 0.06 ng/ml



#38 AR-1262-3

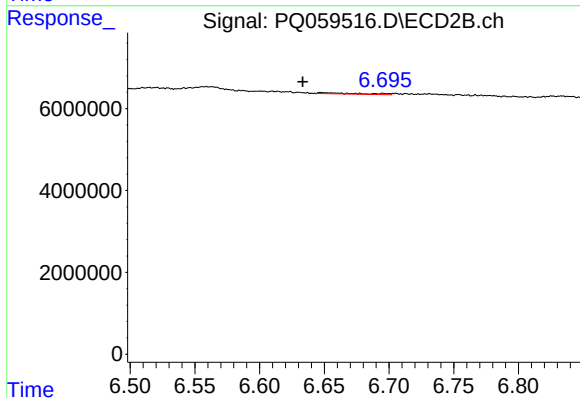
R.T.: 6.558 min
Delta R.T.: -0.015 min
Response: 2444922
Conc: 5.31 ng/ml



#39 AR-1262-4

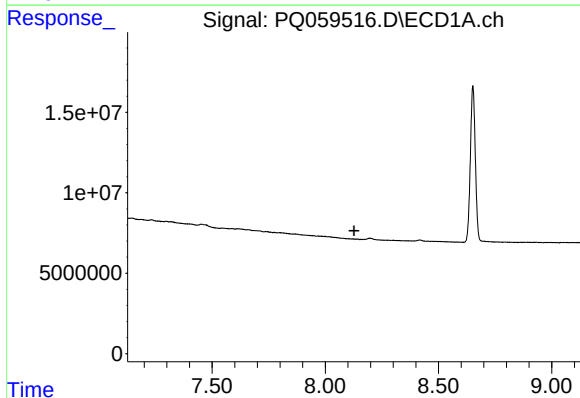
R.T.: 7.608 min
Delta R.T.: -0.014 min
Response: 42097
Conc: 0.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



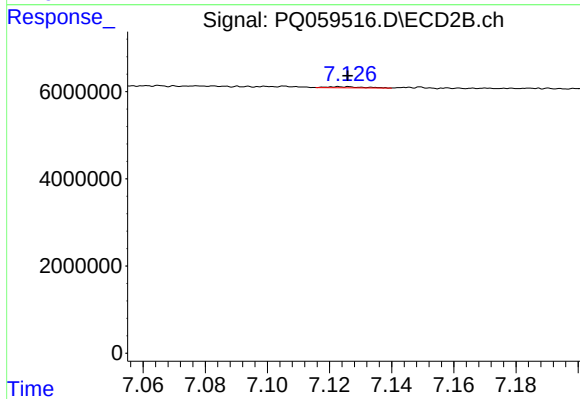
#39 AR-1262-4

R.T.: 6.648 min
Delta R.T.: 0.014 min
Response: 638340
Conc: 0.73 ng/ml



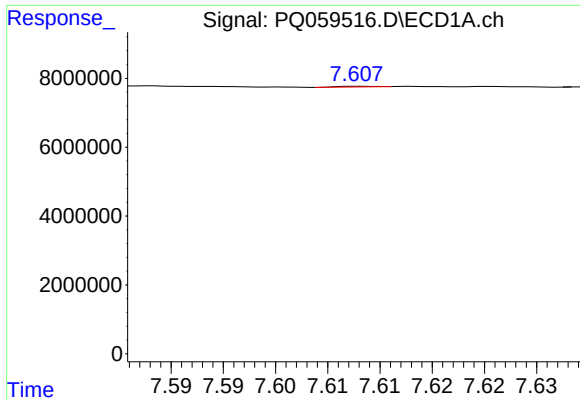
#40 AR-1262-5

R.T.: 8.194 min
Delta R.T.: 0.068 min
Response: -210556
Conc: N.D.



#40 AR-1262-5

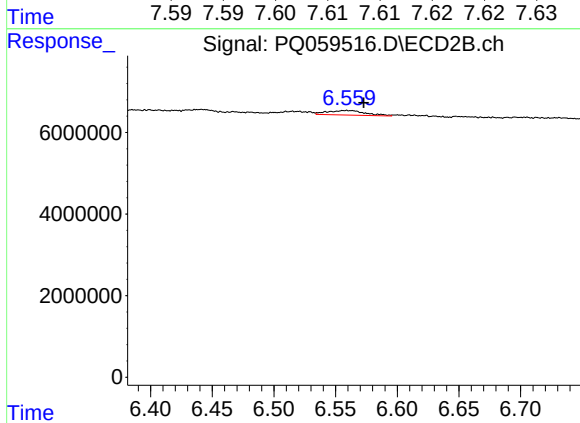
R.T.: 7.124 min
Delta R.T.: -0.001 min
Response: 193650
Conc: 0.49 ng/ml



#41 AR-1268-1

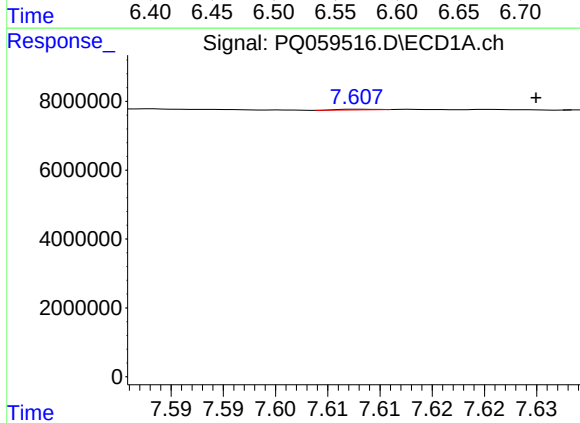
R.T.: 7.608 min
Delta R.T.: 0.062 min
Response: 42097
Conc: 0.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



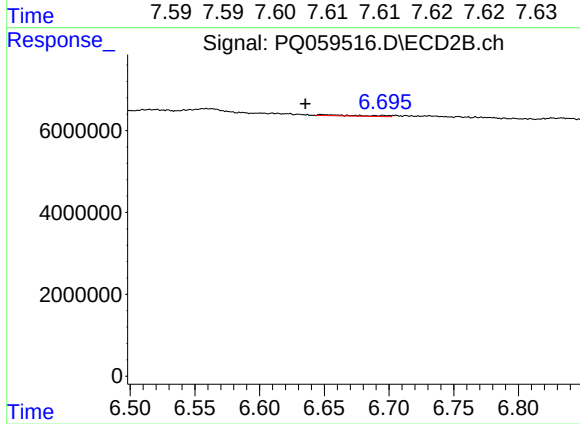
#41 AR-1268-1

R.T.: 6.558 min
Delta R.T.: -0.015 min
Response: 2444922
Conc: 1.74 ng/ml



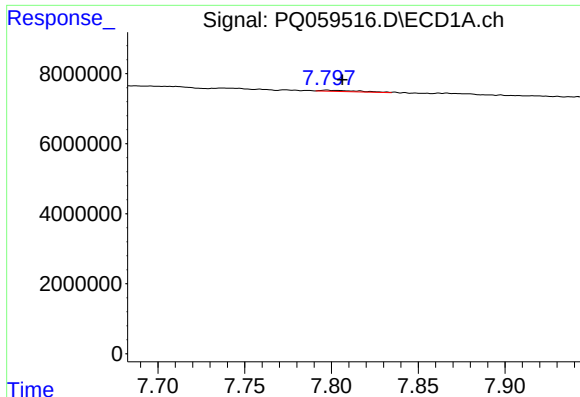
#42 AR-1268-2

R.T.: 7.608 min
Delta R.T.: -0.017 min
Response: 42097
Conc: 0.04 ng/ml



#42 AR-1268-2

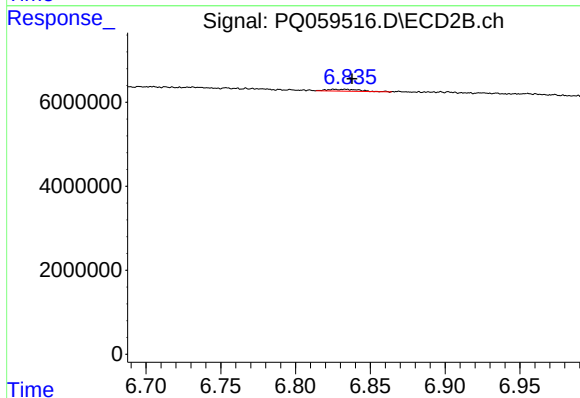
R.T.: 6.648 min
Delta R.T.: 0.012 min
Response: 638340
Conc: 0.49 ng/ml



#43 AR-1268-3

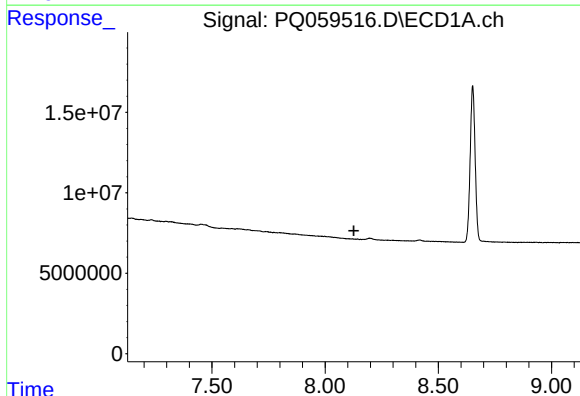
R.T.: 7.797 min
Delta R.T.: -0.009 min
Response: 515296
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



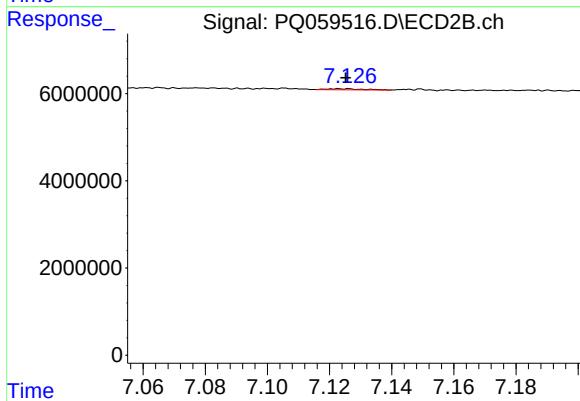
#43 AR-1268-3

R.T.: 6.826 min
Delta R.T.: -0.012 min
Response: 691908
Conc: 0.63 ng/ml



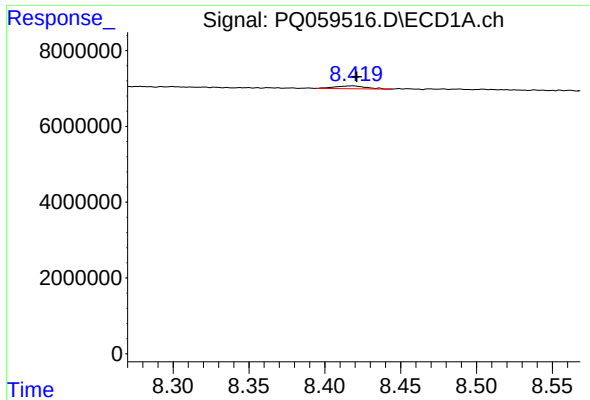
#44 AR-1268-4

R.T.: 8.194 min
Delta R.T.: 0.067 min
Response: -210556
Conc: N.D.



#44 AR-1268-4

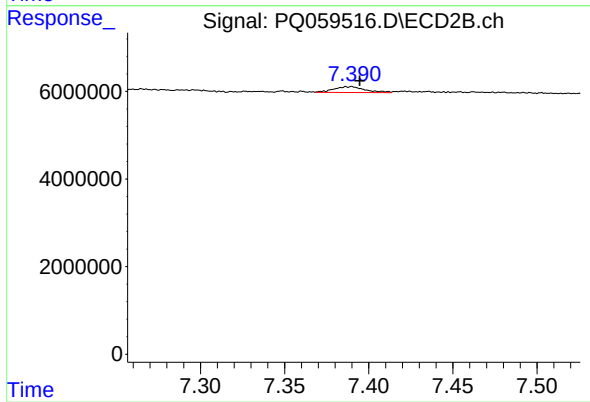
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 193650
Conc: 0.43 ng/ml



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: -0.002 min
Response: 1046585
Conc: 0.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.390 min
Delta R.T.: -0.005 min
Response: 1728412
Conc: 0.48 ng/ml