

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2022 02:16
 Operator : YP\AJ
 Sample : AR1268ICC800
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:22:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 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...	4.687	4.049	436.2E6	347.2E6	61.997	62.101
2)	SA Decachlor...	10.598	9.173	1092.3E6	660.6E6	195.262	199.506
Target Compounds							
3)	L1 AR-1016-1	5.867	5.149	2659389	1704565	17.591	10.919 #
4)	L1 AR-1016-2	5.890	5.168	4714351	1744624	18.110	7.777 #
5)	L1 AR-1016-3	5.952	5.350	4561719	975969	28.250	8.833 #
6)	L1 AR-1016-4	6.052	5.385	3707474	1536775	27.536	16.148 #
7)	L1 AR-1016-5	6.348	5.606	3898771	2183759	33.232	18.691 #
8)	L2 AR-1221-1	4.899	0.000	3276132	0	41.859	N.D. #
9)	L2 AR-1221-2	4.997	4.356	6919303	3631201	126.171	88.634 #
10)	L2 AR-1221-3	5.068	4.426	854730	504486	4.886	3.493 #
11)	L3 AR-1232-1	5.068	4.426	854730	504486	5.399	3.826 #
12)	L3 AR-1232-2	5.597	5.168	709941	1744624	9.259	14.890 #
13)	L3 AR-1232-3	5.890	5.350	4714351	975969	33.542	17.789 #
14)	L3 AR-1232-4	6.052	5.428	3707474	1865788	52.302	35.472 #
15)	L3 AR-1232-5	6.140	5.606	3759810	2183759	83.111	38.317 #
16)	L4 AR-1242-1	5.867	5.149	2659389	1704565	19.290	12.296 #
17)	L4 AR-1242-2	5.890	5.168	4714351	1744624	19.612	8.724 #
18)	L4 AR-1242-3	5.952	5.350	4561719	975969	28.720	9.880 #
19)	L4 AR-1242-4	6.052	5.428	3707474	1865788	28.186	18.357 #
20)	L4 AR-1242-5	6.792	5.956	4252514	3820324	37.312	32.729
21)	L5 AR-1248-1	5.867	5.149	2659389	1704565	22.628	14.726 #
22)	L5 AR-1248-2	6.140	5.385	3759810	1536775	22.333	9.216 #
23)	L5 AR-1248-3	6.348	5.428	3898771	1865788	19.287	10.800 #
24)	L5 AR-1248-4	6.751	5.606	3526178	2183759	17.796	11.011 #
25)	L5 AR-1248-5	6.792	5.998	4252514	3811704	20.112	21.477
26)	L6 AR-1254-1	6.724	5.956	3257264	3820324	15.643	12.635
27)	L6 AR-1254-2	6.953	6.098	3048030	2166283	9.793	8.334
28)	L6 AR-1254-3	7.316	6.516	3155888	2851729	8.803	7.120
29)	L6 AR-1254-4	7.599	6.739	2500217	1168485	11.520	4.563 #
30)	L6 AR-1254-5	7.999	7.154	3806247	376648	14.623	1.235 #
31)	L7 AR-1260-1	7.476	6.637	1369502	454355	7.777	2.270 #
32)	L7 AR-1260-2	7.731	6.822	5024601	2030217	23.993	8.723 #
33)	L7 AR-1260-3	7.999	6.991	3806247	7090090	14.393	33.141 #
34)	L7 AR-1260-4	8.345	7.453	172.8E6	152.8E6	849.452	864.362
35)	L7 AR-1260-5	8.668	7.692	66514214	55082971	150.907	138.477
36)	L8 AR-1262-1	8.091	7.154	112.9E6	376648	346.303	2.336 #
37)	L8 AR-1262-2	8.668	7.692	66514214	55082971	103.956	98.587
38)	L8 AR-1262-3	8.995	7.978	801.5E6	626.0E6	2292.310	2873.729 #
39)	L8 AR-1262-4	9.097	8.043	845.8E6	570.1E6	2705.078	1428.847 #
40)	L8 AR-1262-5	9.800	8.565	256.4E6	168.3E6	1011.124	1061.356
41)	L9 AR-1268-1	8.995	7.978	801.5E6	626.0E6	772.902	805.456

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071222\
 Data File : PQ058563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2022 02:16
 Operator : YP\AJ
 Sample : AR1268ICC800
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

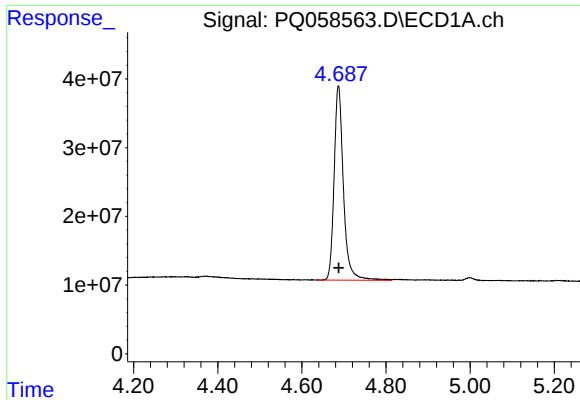
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 06:22:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 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
42) L9	AR-1268-2	9.097	8.043	845.8E6	570.1E6	778.740	807.188
43) L9	AR-1268-3	9.337	8.259	769.8E6	494.2E6	780.104	805.798
44) L9	AR-1268-4	9.800	8.565	256.4E6	168.3E6	772.761	790.735
45) L9	AR-1268-5	10.239	8.888	2344.6E6	1474.1E6	778.185	801.074

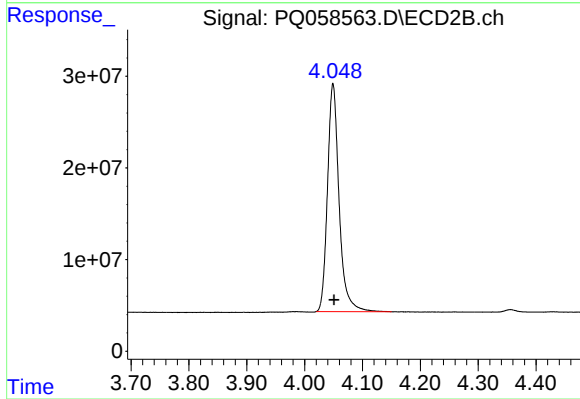
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

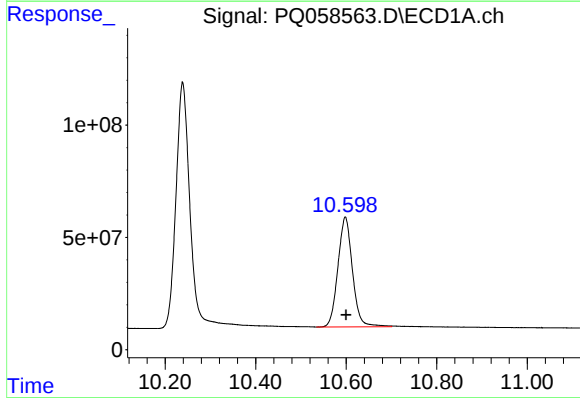
R.T.: 4.687 min
Delta R.T.: -0.001 min
Response: 436208917
Conc: 62.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



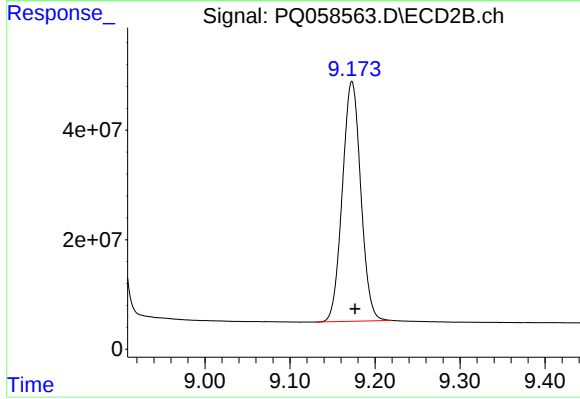
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 347164097
Conc: 62.10 ng/ml



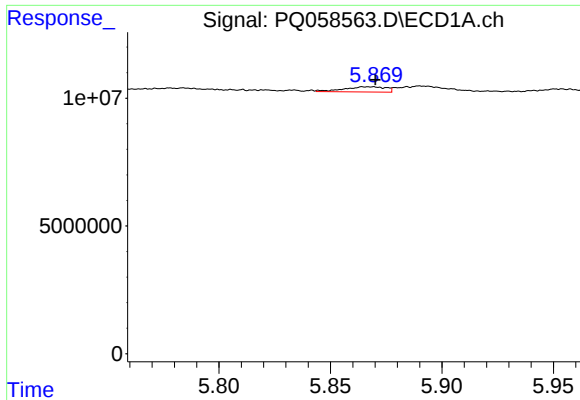
#2 Decachlorobiphenyl

R.T.: 10.598 min
Delta R.T.: -0.002 min
Response: 1092331541
Conc: 195.26 ng/ml



#2 Decachlorobiphenyl

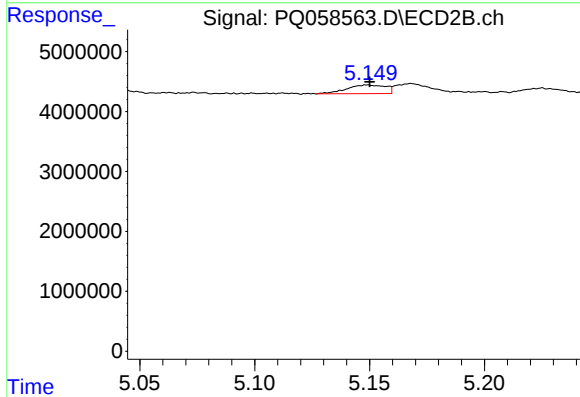
R.T.: 9.173 min
Delta R.T.: -0.004 min
Response: 660597296
Conc: 199.51 ng/ml



#3 AR-1016-1

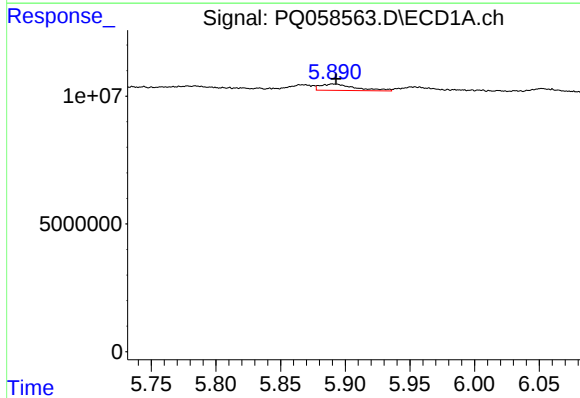
R.T.: 5.867 min
Delta R.T.: -0.003 min
Response: 2659389
Conc: 17.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



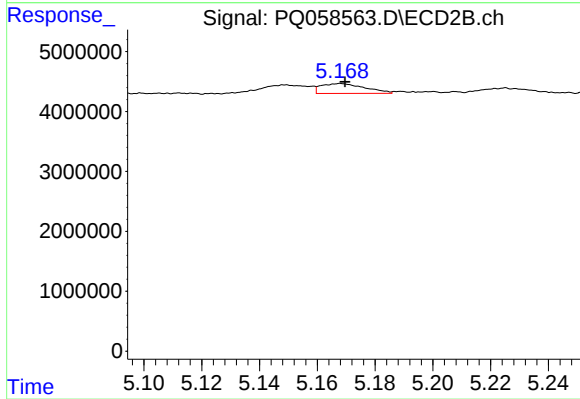
#3 AR-1016-1

R.T.: 5.149 min
Delta R.T.: -0.001 min
Response: 1704565
Conc: 10.92 ng/ml



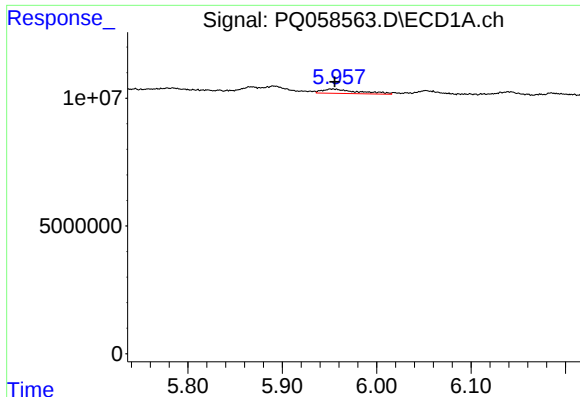
#4 AR-1016-2

R.T.: 5.890 min
Delta R.T.: -0.003 min
Response: 4714351
Conc: 18.11 ng/ml



#4 AR-1016-2

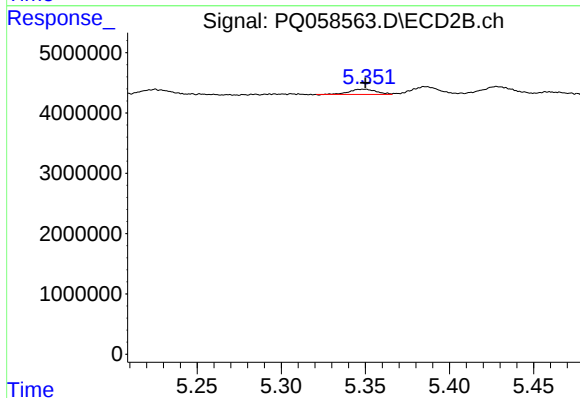
R.T.: 5.168 min
Delta R.T.: -0.001 min
Response: 1744624
Conc: 7.78 ng/ml



#5 AR-1016-3

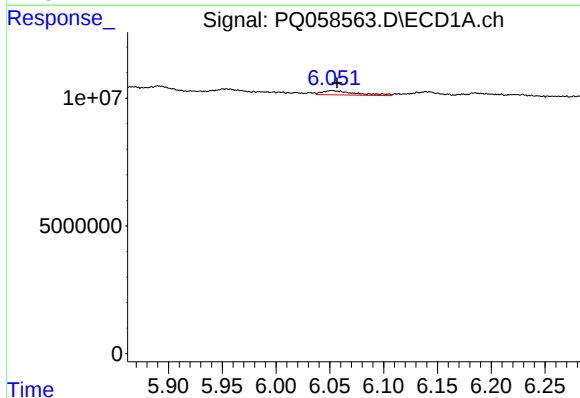
R.T.: 5.952 min
Delta R.T.: -0.004 min
Response: 4561719
Conc: 28.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



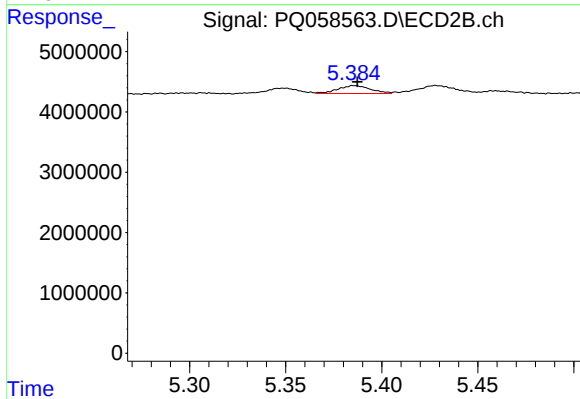
#5 AR-1016-3

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 975969
Conc: 8.83 ng/ml



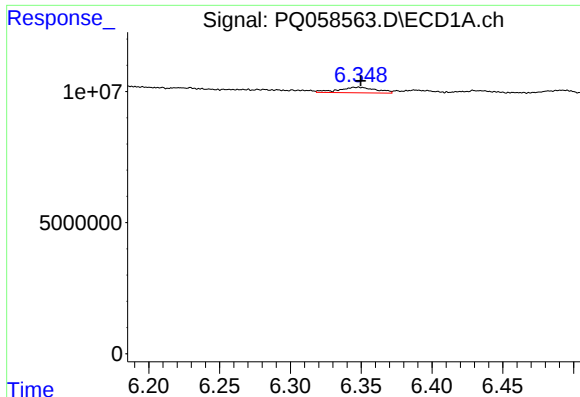
#6 AR-1016-4

R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 3707474
Conc: 27.54 ng/ml



#6 AR-1016-4

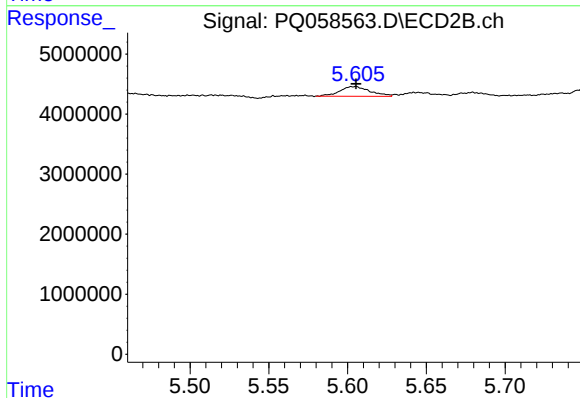
R.T.: 5.385 min
Delta R.T.: -0.002 min
Response: 1536775
Conc: 16.15 ng/ml



#7 AR-1016-5

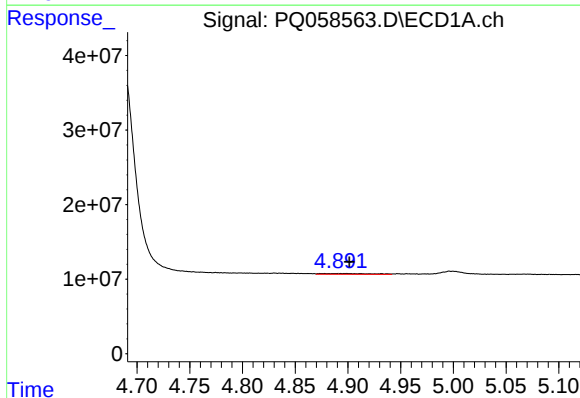
R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 3898771
Conc: 33.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



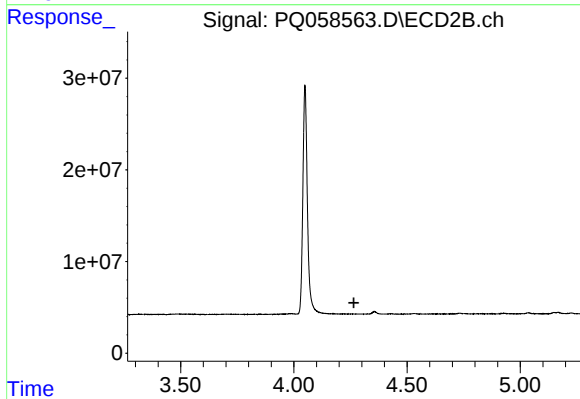
#7 AR-1016-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 2183759
Conc: 18.69 ng/ml



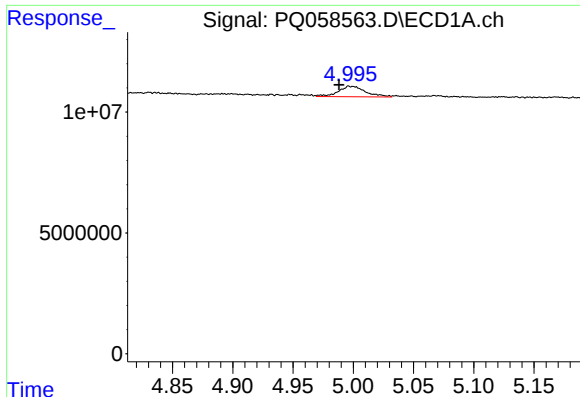
#8 AR-1221-1

R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 3276132
Conc: 41.86 ng/ml



#8 AR-1221-1

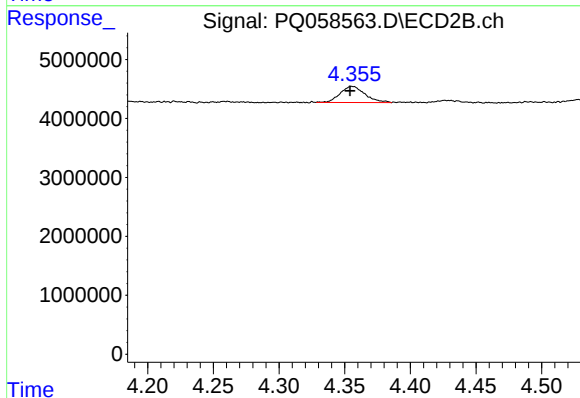
R.T.: 0.000 min
Exp R.T. : 4.265 min
Response: 0
Conc: N.D.



#9 AR-1221-2

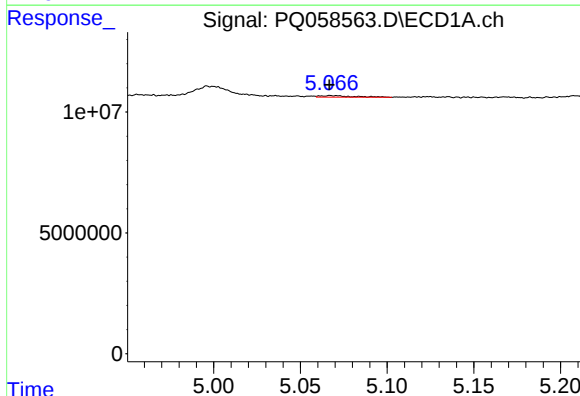
R.T.: 4.997 min
Delta R.T.: 0.009 min
Response: 6919303
Conc: 126.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



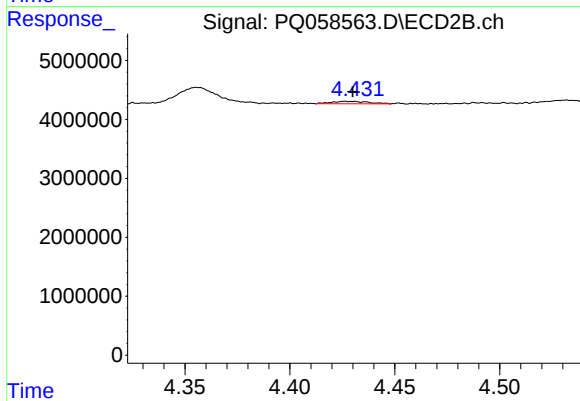
#9 AR-1221-2

R.T.: 4.356 min
Delta R.T.: 0.002 min
Response: 3631201
Conc: 88.63 ng/ml



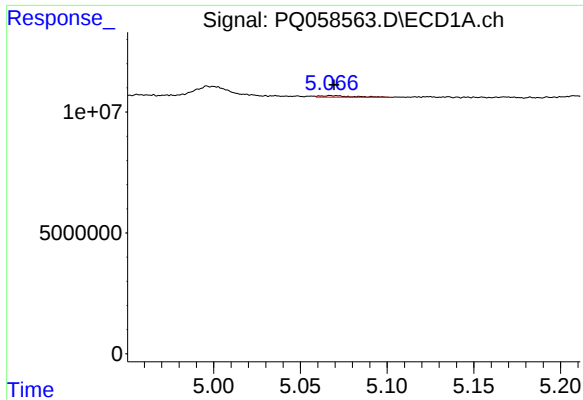
#10 AR-1221-3

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 854730
Conc: 4.89 ng/ml



#10 AR-1221-3

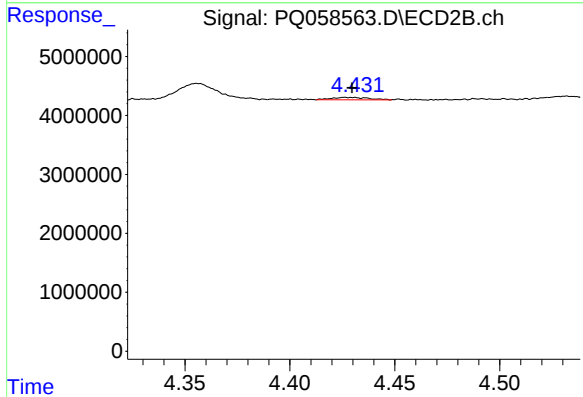
R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 504486
Conc: 3.49 ng/ml



#11 AR-1232-1

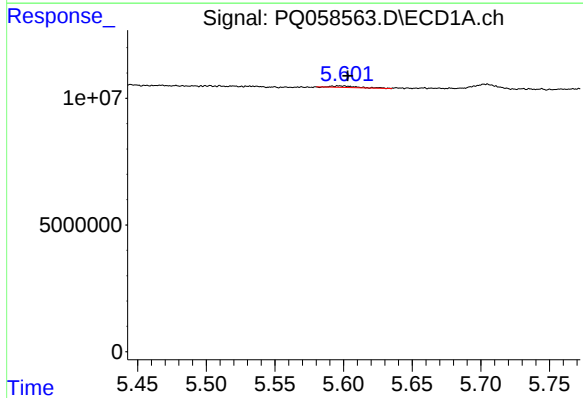
R.T.: 5.068 min
Delta R.T.: -0.002 min
Response: 854730
Conc: 5.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



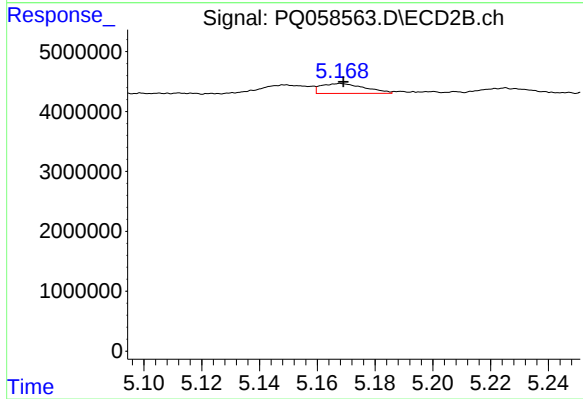
#11 AR-1232-1

R.T.: 4.426 min
Delta R.T.: -0.003 min
Response: 504486
Conc: 3.83 ng/ml



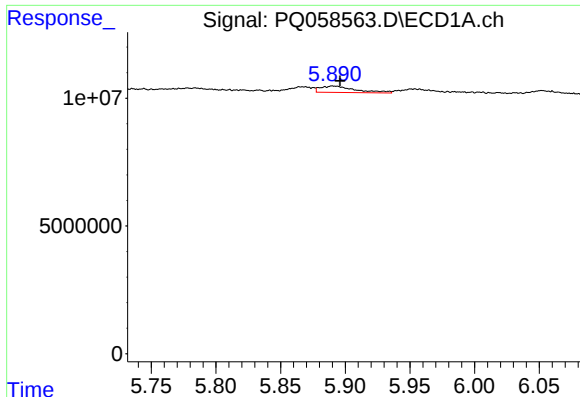
#12 AR-1232-2

R.T.: 5.597 min
Delta R.T.: -0.006 min
Response: 709941
Conc: 9.26 ng/ml



#12 AR-1232-2

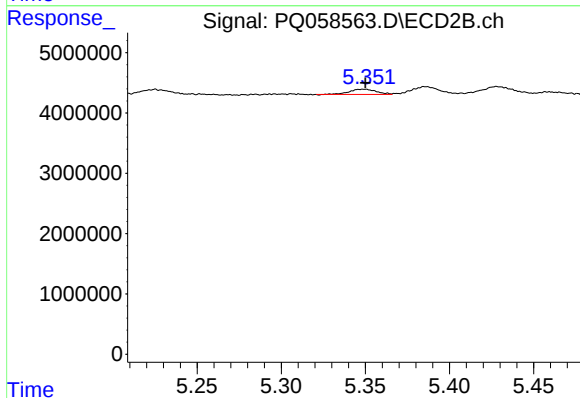
R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 1744624
Conc: 14.89 ng/ml



#13 AR-1232-3

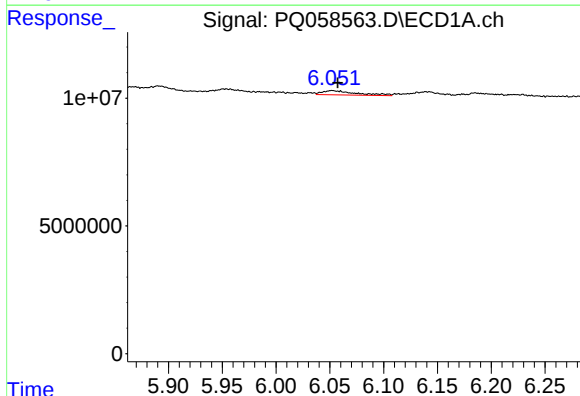
R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 4714351
Conc: 33.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



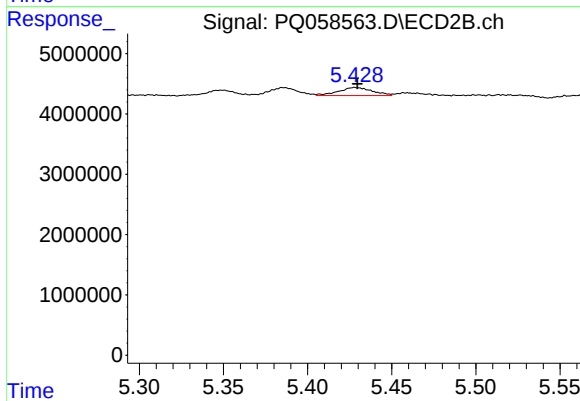
#13 AR-1232-3

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 975969
Conc: 17.79 ng/ml



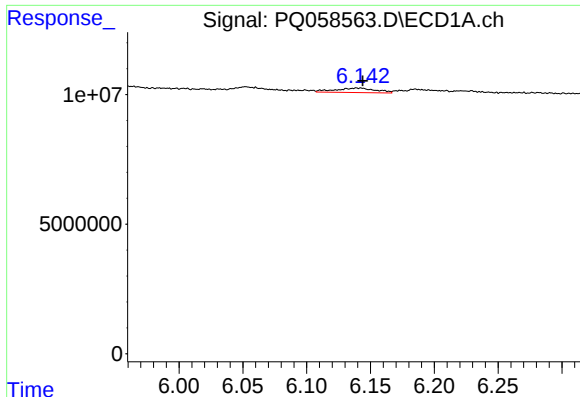
#14 AR-1232-4

R.T.: 6.052 min
Delta R.T.: -0.005 min
Response: 3707474
Conc: 52.30 ng/ml



#14 AR-1232-4

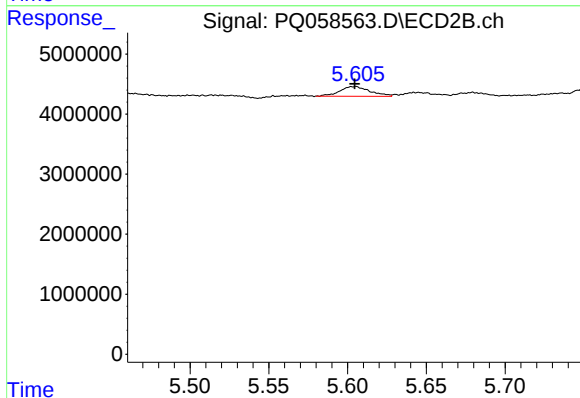
R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 1865788
Conc: 35.47 ng/ml



#15 AR-1232-5

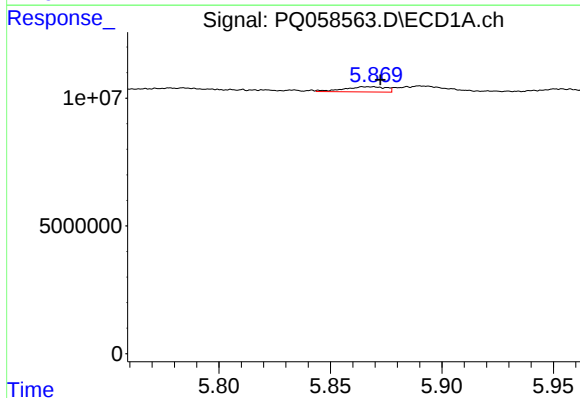
R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 3759810
Conc: 83.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



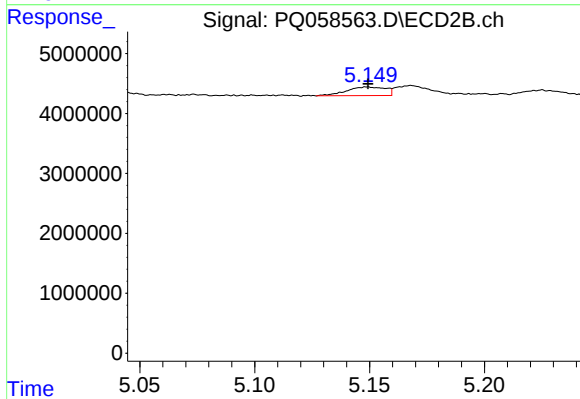
#15 AR-1232-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 2183759
Conc: 38.32 ng/ml



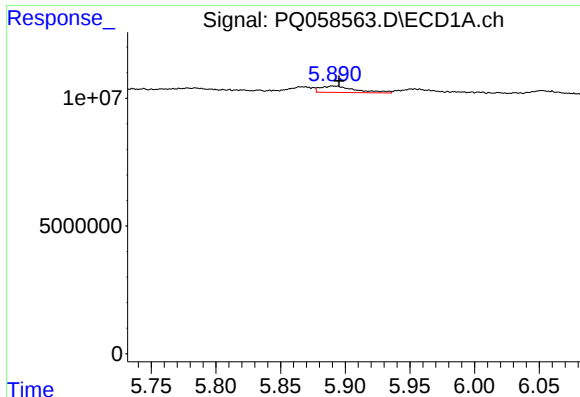
#16 AR-1242-1

R.T.: 5.867 min
Delta R.T.: -0.005 min
Response: 2659389
Conc: 19.29 ng/ml



#16 AR-1242-1

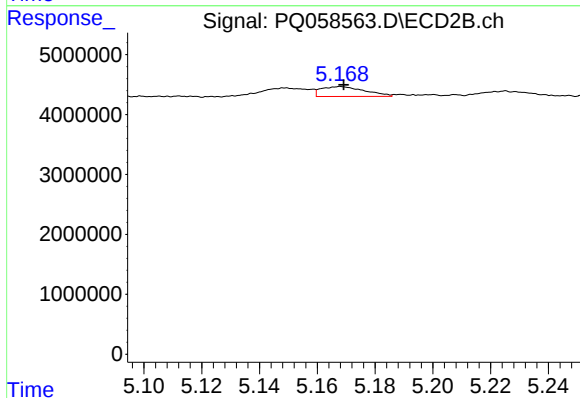
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 1704565
Conc: 12.30 ng/ml



#17 AR-1242-2

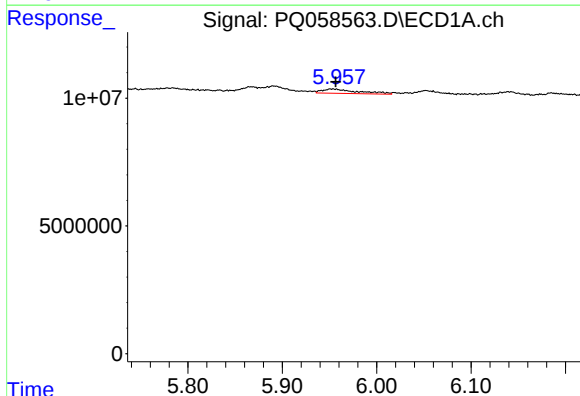
R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 4714351
Conc: 19.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



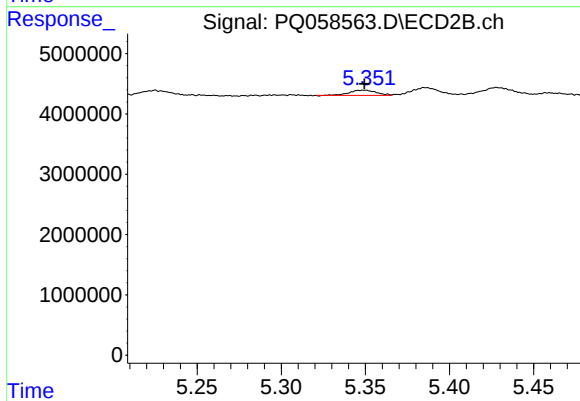
#17 AR-1242-2

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 1744624
Conc: 8.72 ng/ml



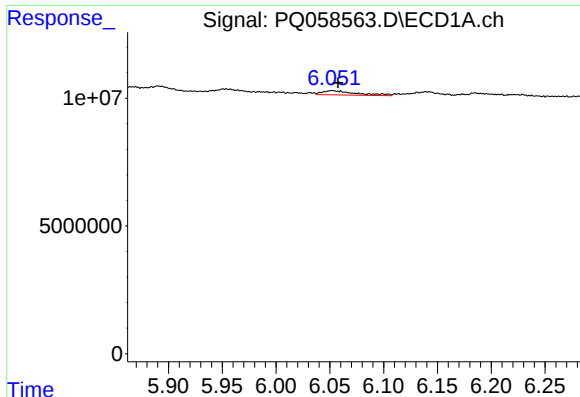
#18 AR-1242-3

R.T.: 5.952 min
Delta R.T.: -0.005 min
Response: 4561719
Conc: 28.72 ng/ml



#18 AR-1242-3

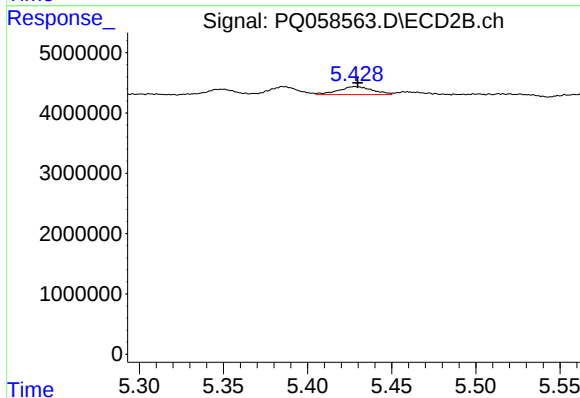
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 975969
Conc: 9.88 ng/ml



#19 AR-1242-4

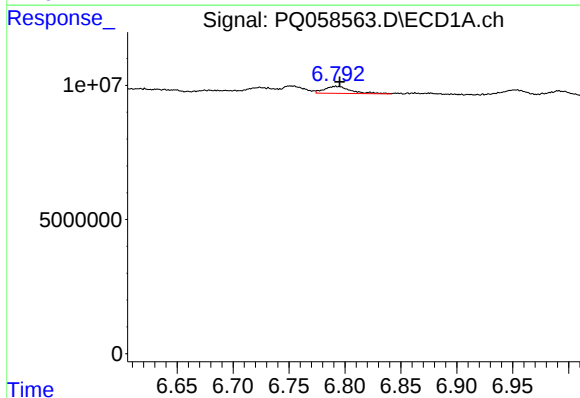
R.T.: 6.052 min
Delta R.T.: -0.006 min
Response: 3707474
Conc: 28.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



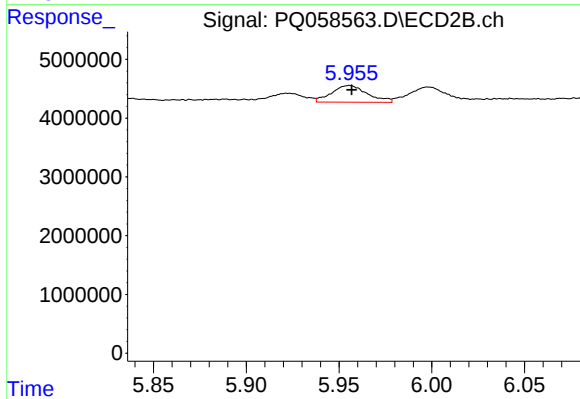
#19 AR-1242-4

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 1865788
Conc: 18.36 ng/ml



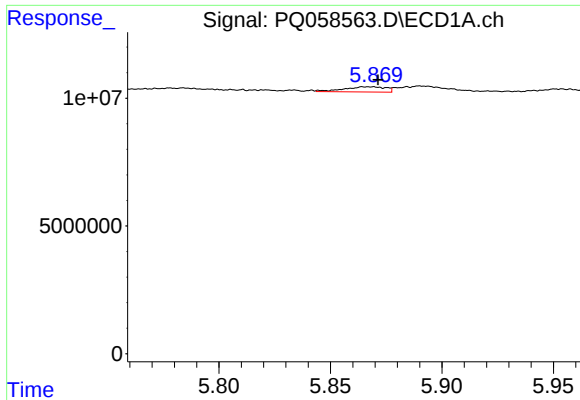
#20 AR-1242-5

R.T.: 6.792 min
Delta R.T.: -0.003 min
Response: 4252514
Conc: 37.31 ng/ml



#20 AR-1242-5

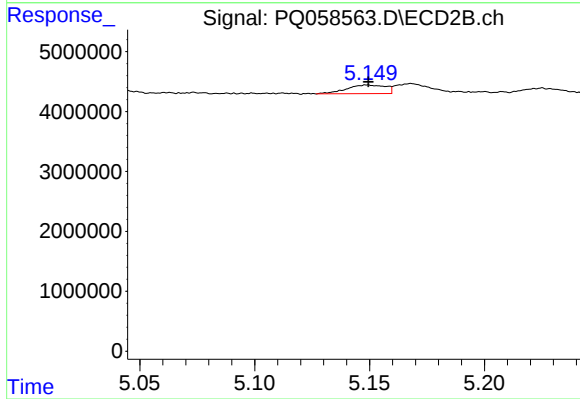
R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 3820324
Conc: 32.73 ng/ml



#21 AR-1248-1

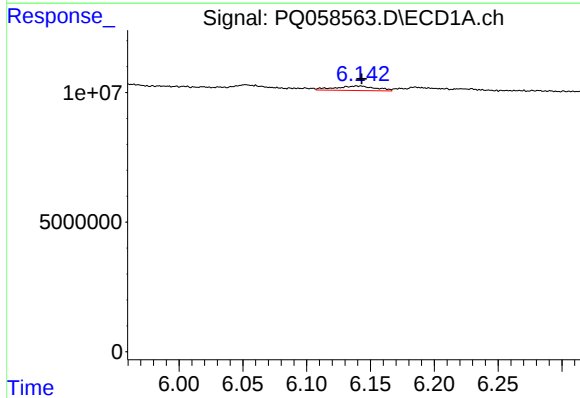
R.T.: 5.867 min
Delta R.T.: -0.004 min
Response: 2659389
Conc: 22.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



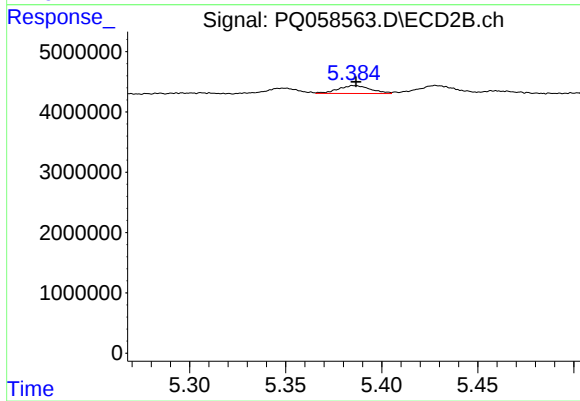
#21 AR-1248-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 1704565
Conc: 14.73 ng/ml



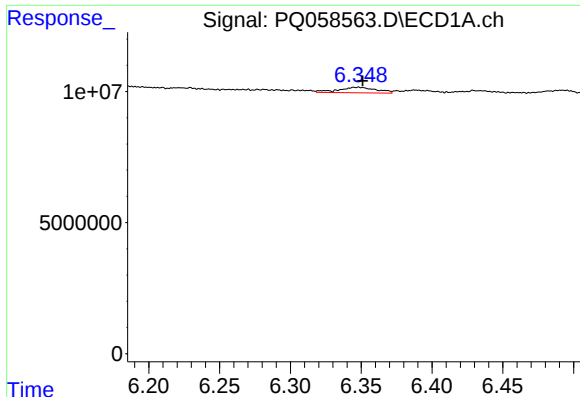
#22 AR-1248-2

R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 3759810
Conc: 22.33 ng/ml



#22 AR-1248-2

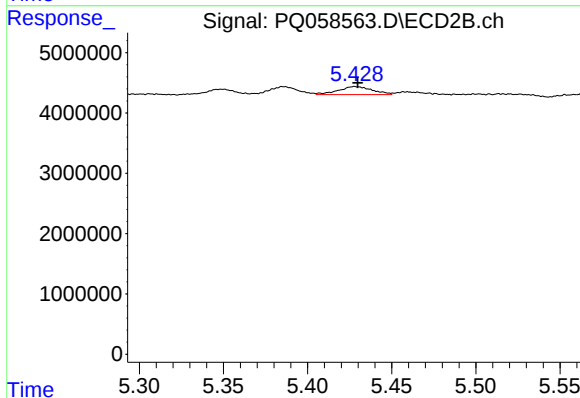
R.T.: 5.385 min
Delta R.T.: -0.001 min
Response: 1536775
Conc: 9.22 ng/ml



#23 AR-1248-3

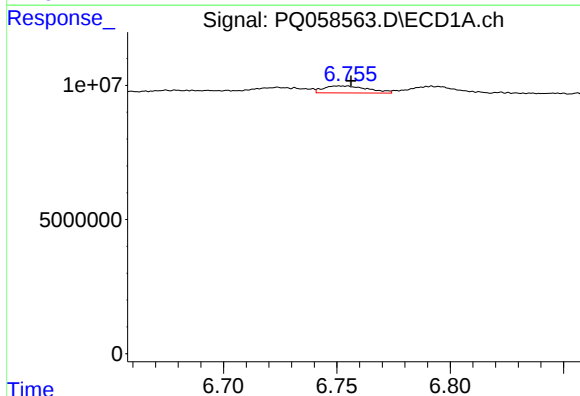
R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 3898771
Conc: 19.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



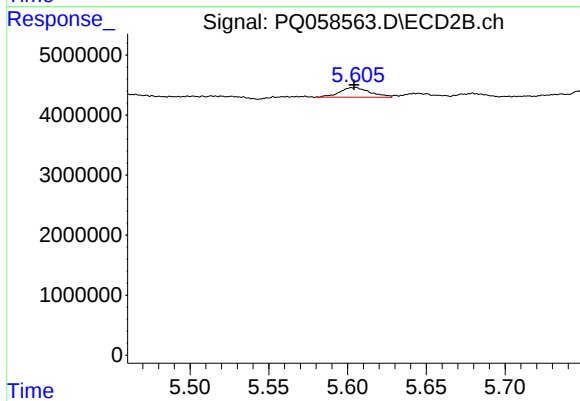
#23 AR-1248-3

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 1865788
Conc: 10.80 ng/ml



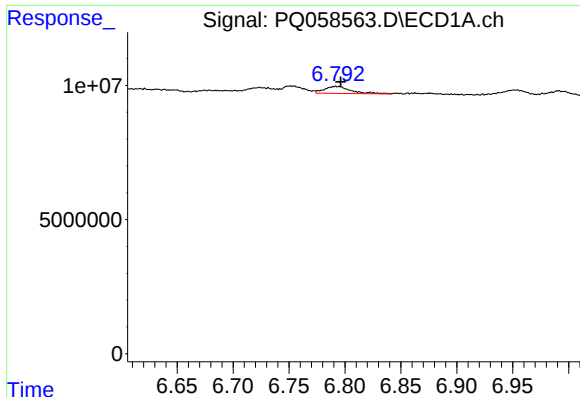
#24 AR-1248-4

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 3526178
Conc: 17.80 ng/ml



#24 AR-1248-4

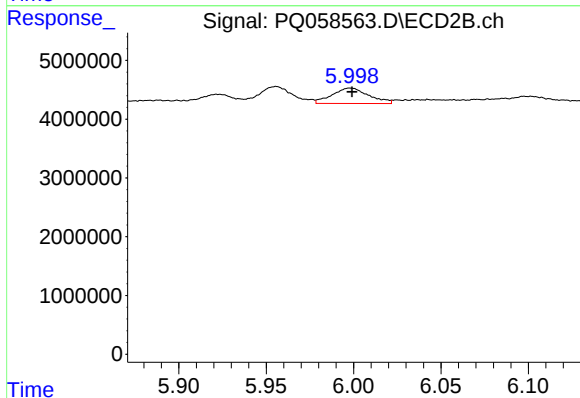
R.T.: 5.606 min
Delta R.T.: 0.001 min
Response: 2183759
Conc: 11.01 ng/ml



#25 AR-1248-5

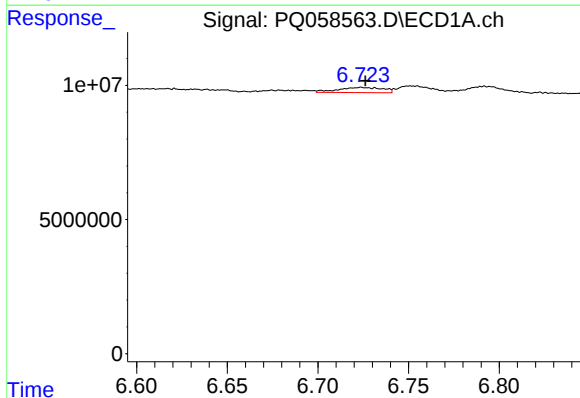
R.T.: 6.792 min
Delta R.T.: -0.004 min
Response: 4252514
Conc: 20.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



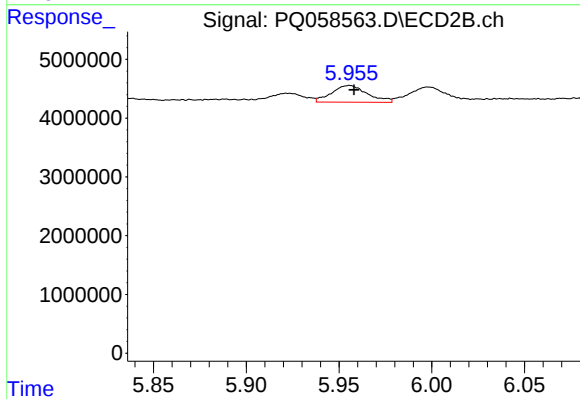
#25 AR-1248-5

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 3811704
Conc: 21.48 ng/ml



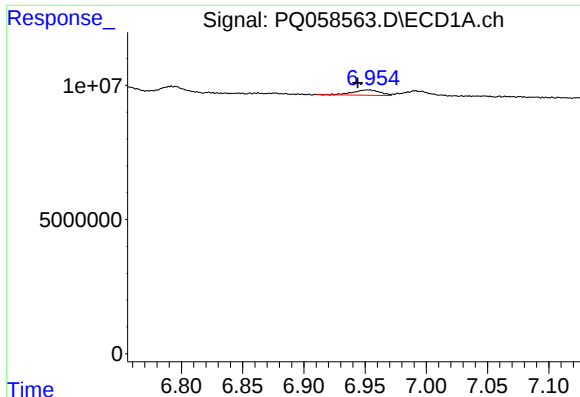
#26 AR-1254-1

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 3257264
Conc: 15.64 ng/ml



#26 AR-1254-1

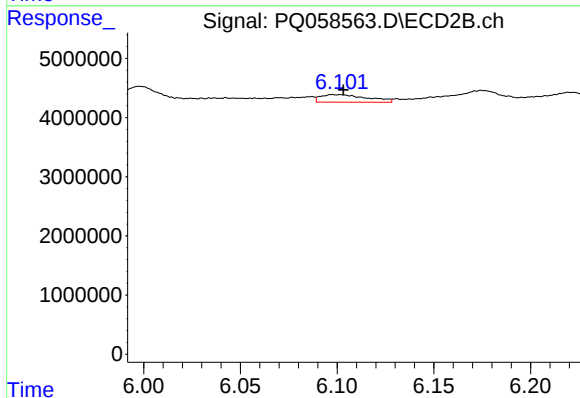
R.T.: 5.956 min
Delta R.T.: -0.002 min
Response: 3820324
Conc: 12.64 ng/ml



#27 AR-1254-2

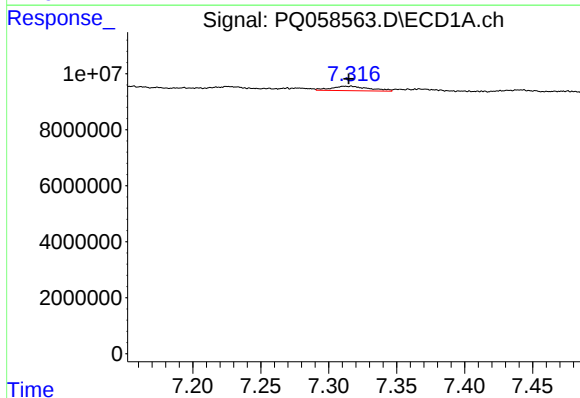
R.T.: 6.953 min
Delta R.T.: 0.009 min
Response: 3048030
Conc: 9.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



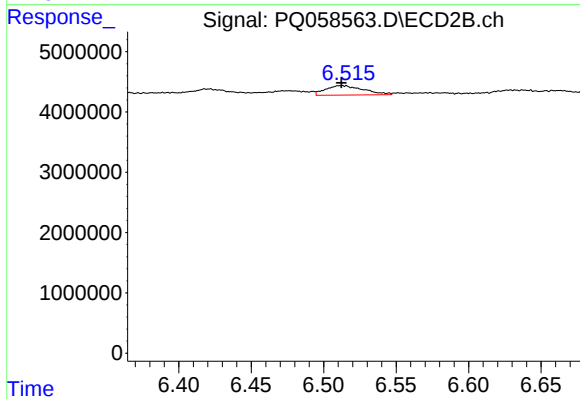
#27 AR-1254-2

R.T.: 6.098 min
Delta R.T.: -0.006 min
Response: 2166283
Conc: 8.33 ng/ml



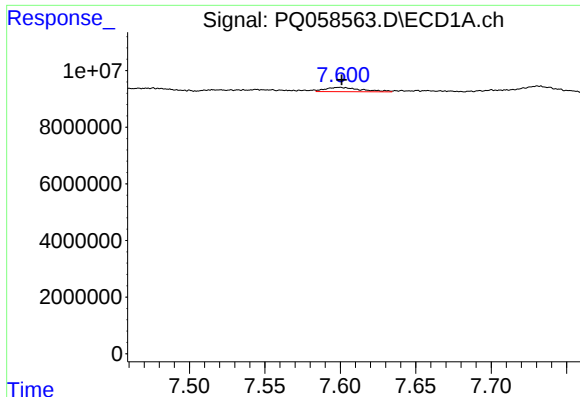
#28 AR-1254-3

R.T.: 7.316 min
Delta R.T.: 0.002 min
Response: 3155888
Conc: 8.80 ng/ml



#28 AR-1254-3

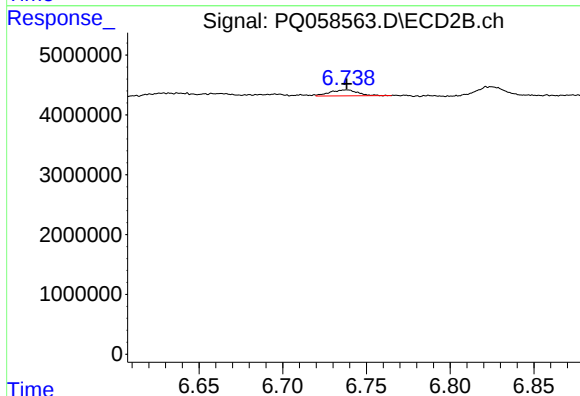
R.T.: 6.516 min
Delta R.T.: 0.003 min
Response: 2851729
Conc: 7.12 ng/ml



#29 AR-1254-4

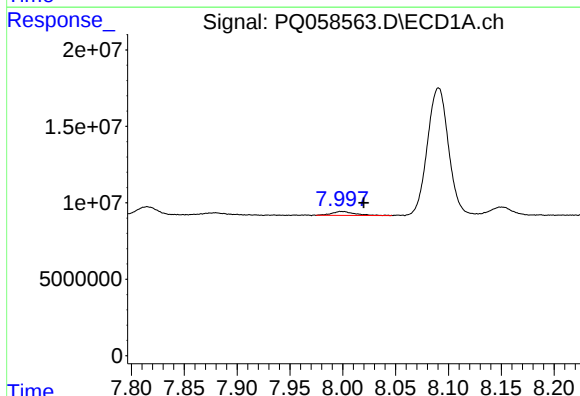
R.T.: 7.599 min
Delta R.T.: -0.002 min
Response: 2500217
Conc: 11.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



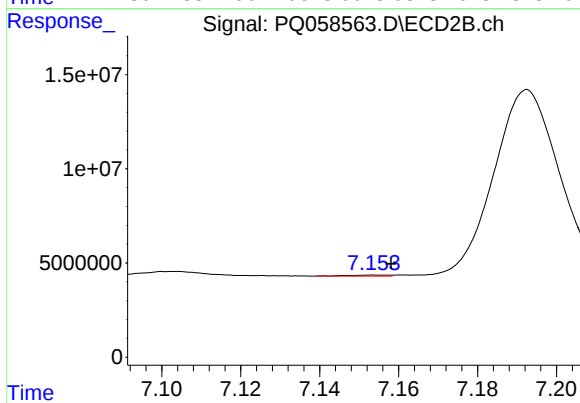
#29 AR-1254-4

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 1168485
Conc: 4.56 ng/ml



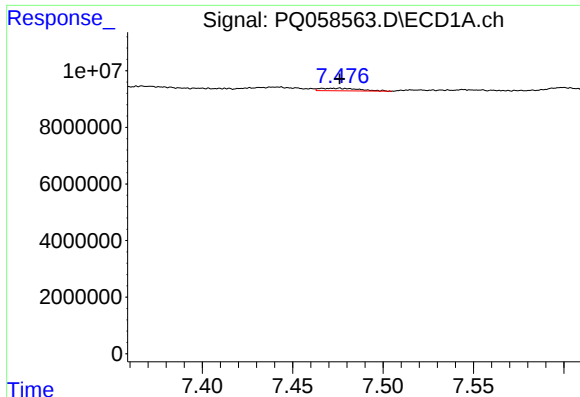
#30 AR-1254-5

R.T.: 7.999 min
Delta R.T.: -0.021 min
Response: 3806247
Conc: 14.62 ng/ml



#30 AR-1254-5

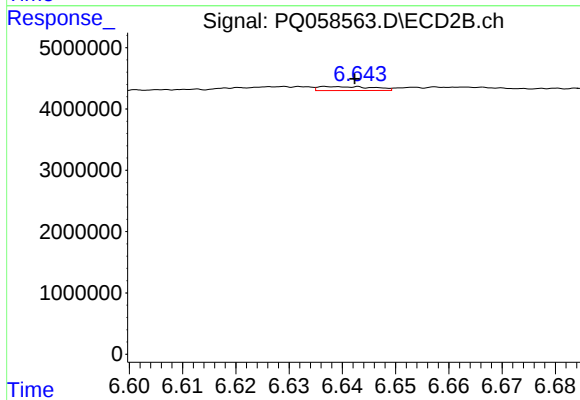
R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 376648
Conc: 1.23 ng/ml



#31 AR-1260-1

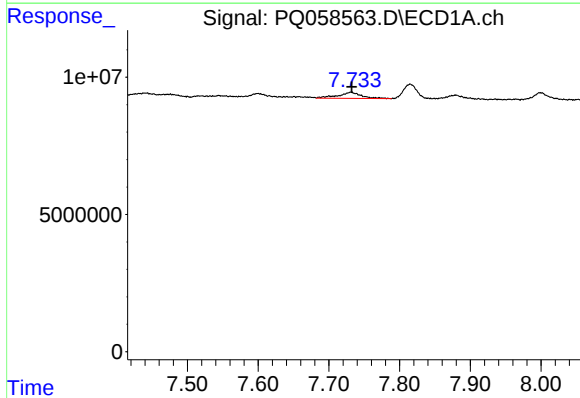
R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 1369502
Conc: 7.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



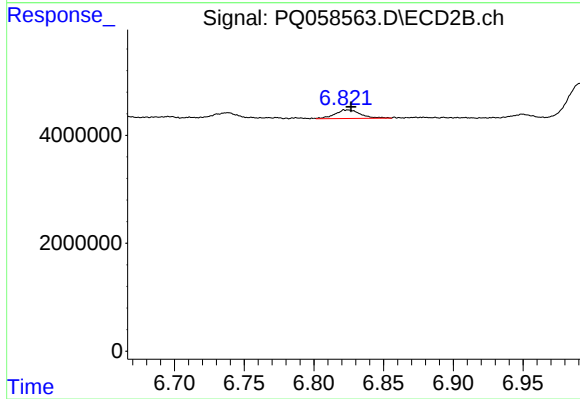
#31 AR-1260-1

R.T.: 6.637 min
Delta R.T.: -0.005 min
Response: 454355
Conc: 2.27 ng/ml



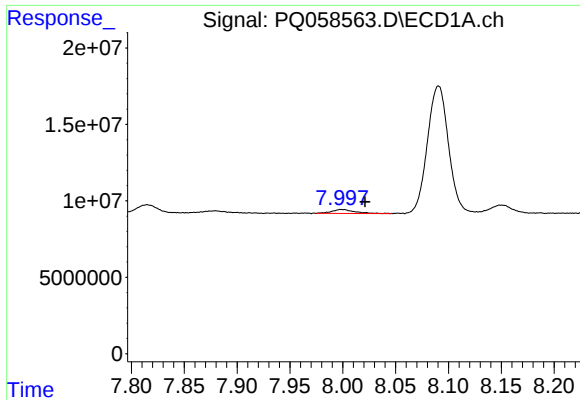
#32 AR-1260-2

R.T.: 7.731 min
Delta R.T.: -0.001 min
Response: 5024601
Conc: 23.99 ng/ml



#32 AR-1260-2

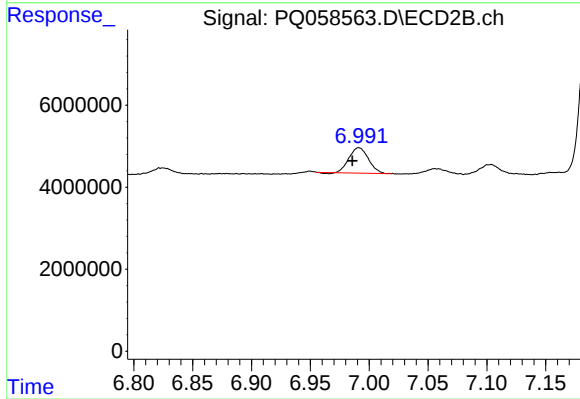
R.T.: 6.822 min
Delta R.T.: -0.005 min
Response: 2030217
Conc: 8.72 ng/ml



#33 AR-1260-3

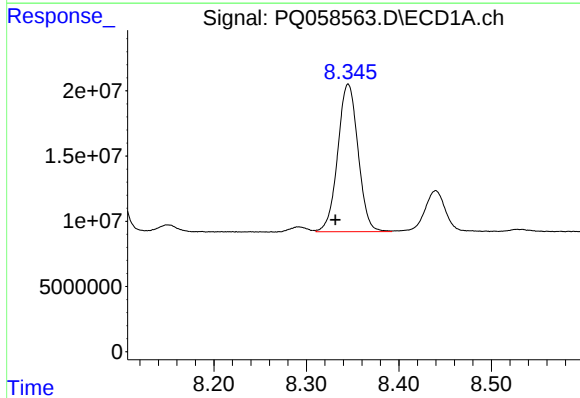
R.T.: 7.999 min
Delta R.T.: -0.022 min
Response: 3806247
Conc: 14.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



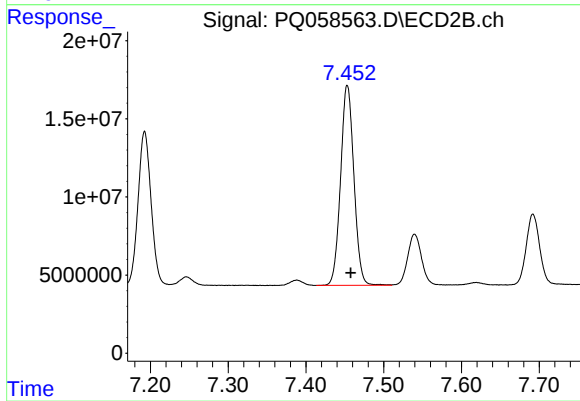
#33 AR-1260-3

R.T.: 6.991 min
Delta R.T.: 0.006 min
Response: 7090090
Conc: 33.14 ng/ml



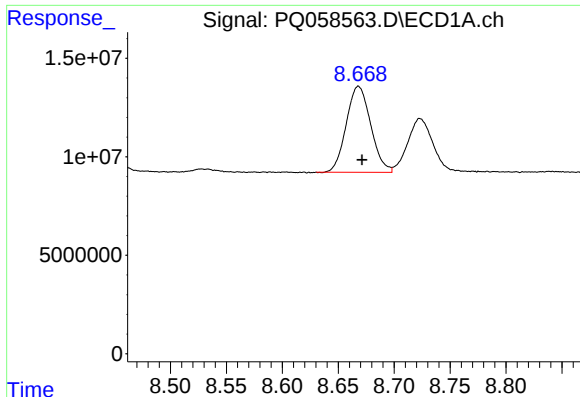
#34 AR-1260-4

R.T.: 8.345 min
Delta R.T.: 0.014 min
Response: 172804361
Conc: 849.45 ng/ml



#34 AR-1260-4

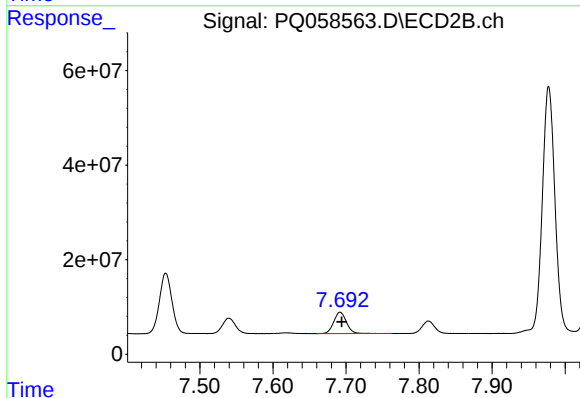
R.T.: 7.453 min
Delta R.T.: -0.004 min
Response: 152766670
Conc: 864.36 ng/ml



#35 AR-1260-5

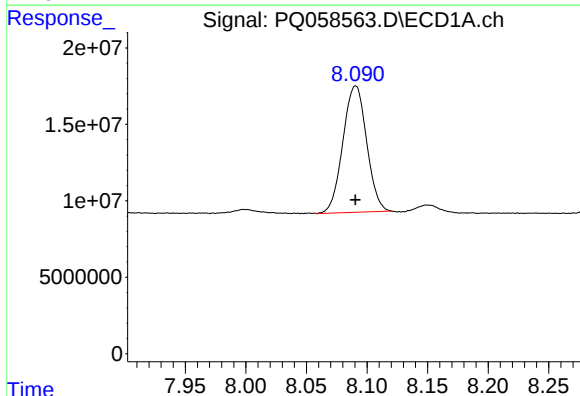
R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 66514214
Conc: 150.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



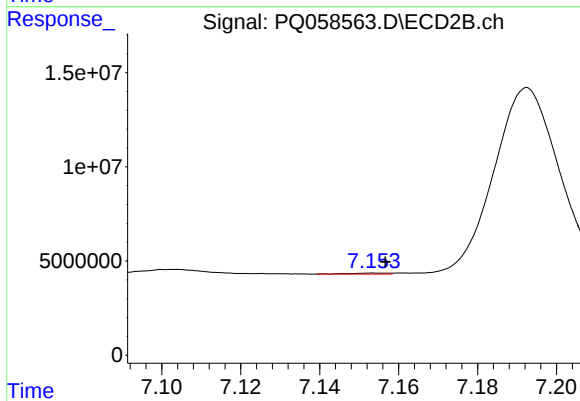
#35 AR-1260-5

R.T.: 7.692 min
Delta R.T.: -0.003 min
Response: 55082971
Conc: 138.48 ng/ml



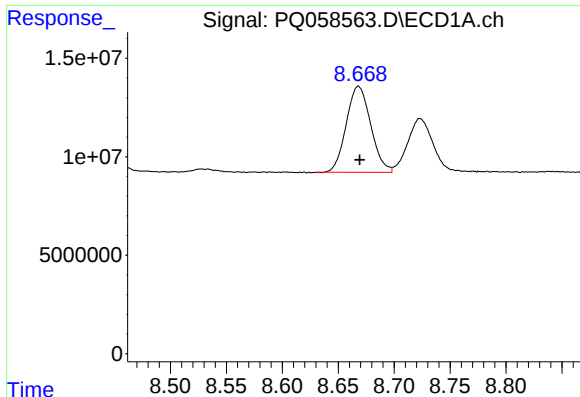
#36 AR-1262-1

R.T.: 8.091 min
Delta R.T.: 0.000 min
Response: 112912805
Conc: 346.30 ng/ml



#36 AR-1262-1

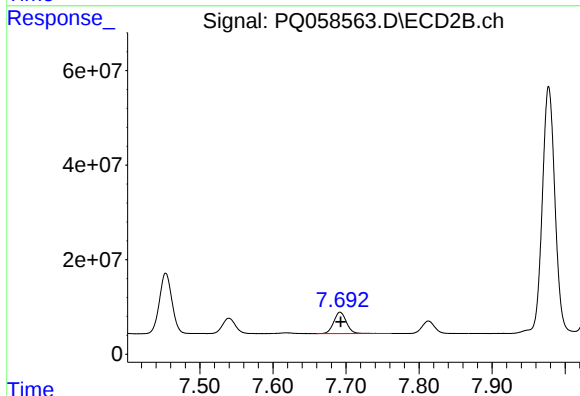
R.T.: 7.154 min
Delta R.T.: -0.003 min
Response: 376648
Conc: 2.34 ng/ml



#37 AR-1262-2

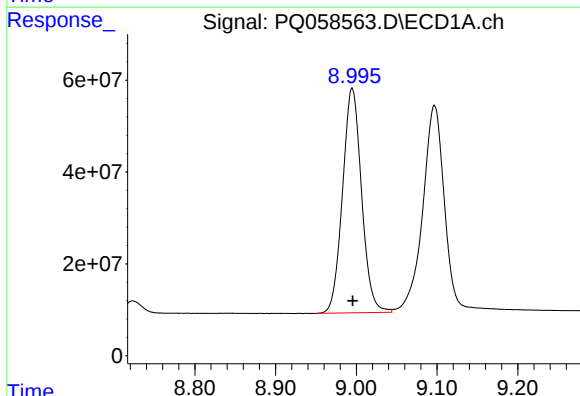
R.T.: 8.668 min
Delta R.T.: -0.001 min
Response: 66514214
Conc: 103.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



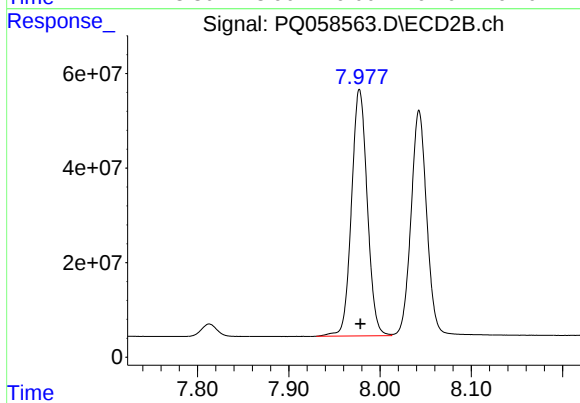
#37 AR-1262-2

R.T.: 7.692 min
Delta R.T.: 0.000 min
Response: 55082971
Conc: 98.59 ng/ml



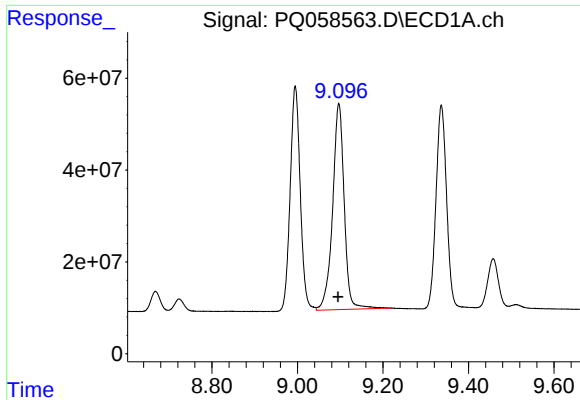
#38 AR-1262-3

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 801530945
Conc: 2292.31 ng/ml



#38 AR-1262-3

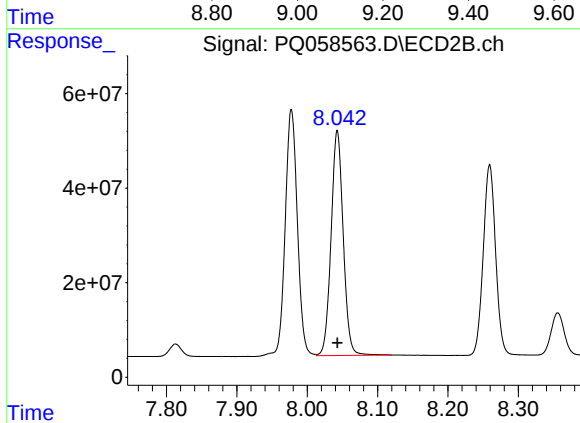
R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 625981658
Conc: 2873.73 ng/ml



#39 AR-1262-4

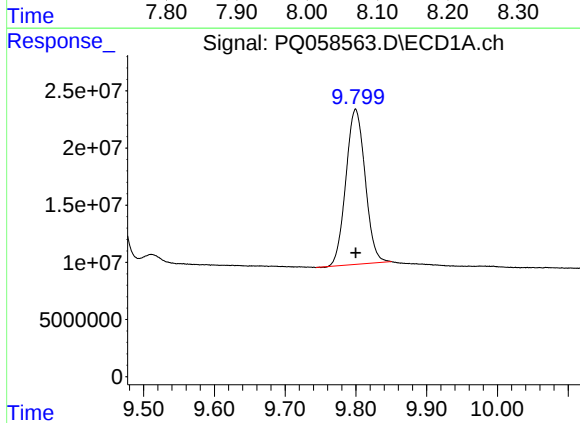
R.T.: 9.097 min
Delta R.T.: 0.002 min
Response: 845788777
Conc: 2705.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



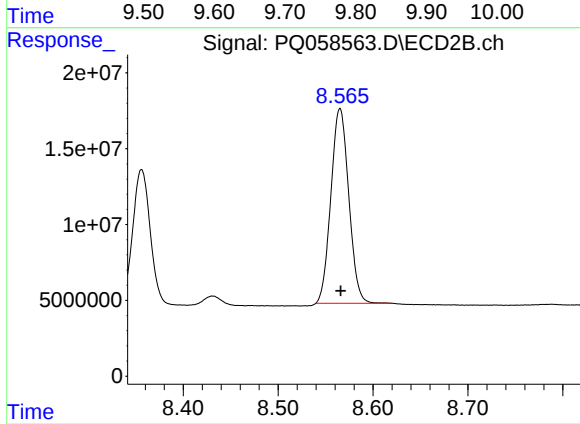
#39 AR-1262-4

R.T.: 8.043 min
Delta R.T.: 0.000 min
Response: 570098269
Conc: 1428.85 ng/ml



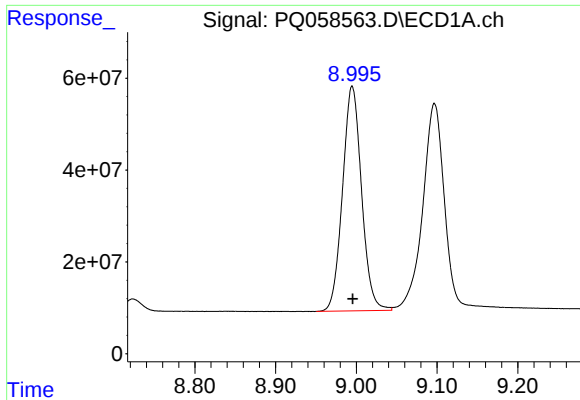
#40 AR-1262-5

R.T.: 9.800 min
Delta R.T.: 0.000 min
Response: 256373162
Conc: 1011.12 ng/ml



#40 AR-1262-5

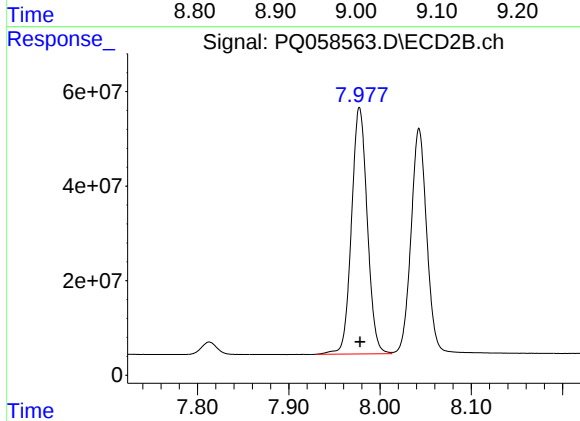
R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 168327340
Conc: 1061.36 ng/ml



#41 AR-1268-1

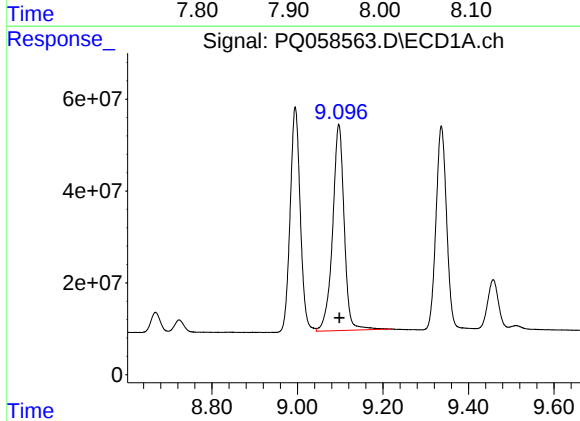
R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 801530945
Conc: 772.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



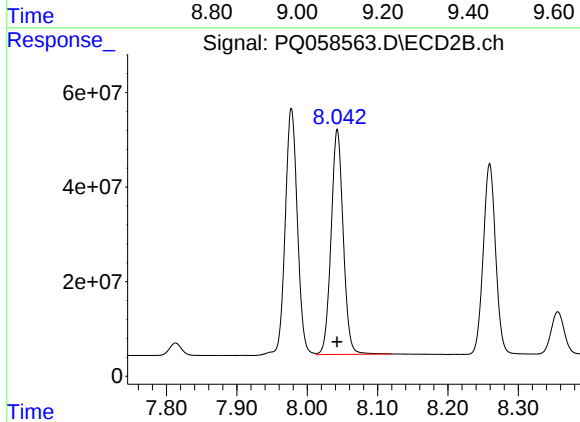
#41 AR-1268-1

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 625981658
Conc: 805.46 ng/ml



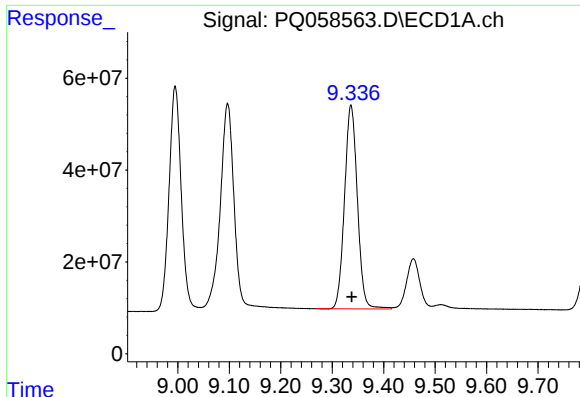
#42 AR-1268-2

R.T.: 9.097 min
Delta R.T.: -0.001 min
Response: 845788777
Conc: 778.74 ng/ml



#42 AR-1268-2

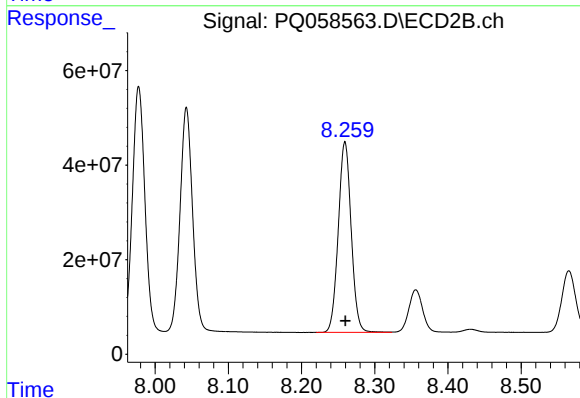
R.T.: 8.043 min
Delta R.T.: 0.000 min
Response: 570098269
Conc: 807.19 ng/ml



#43 AR-1268-3

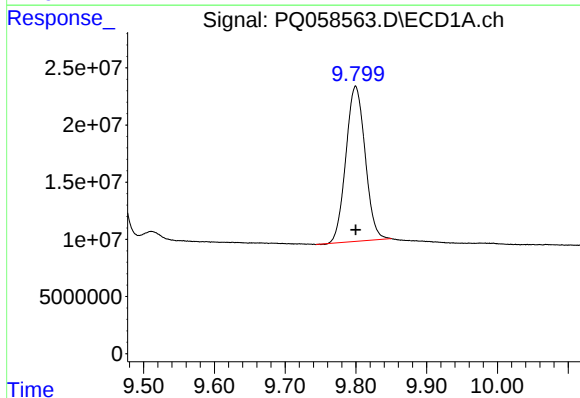
R.T.: 9.337 min
Delta R.T.: -0.001 min
Response: 769812025
Conc: 780.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



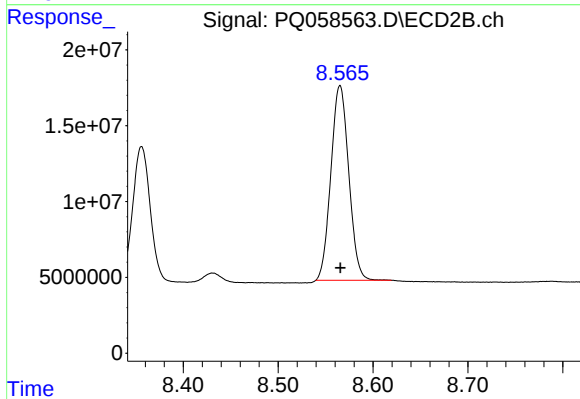
#43 AR-1268-3

R.T.: 8.259 min
Delta R.T.: 0.000 min
Response: 494177966
Conc: 805.80 ng/ml



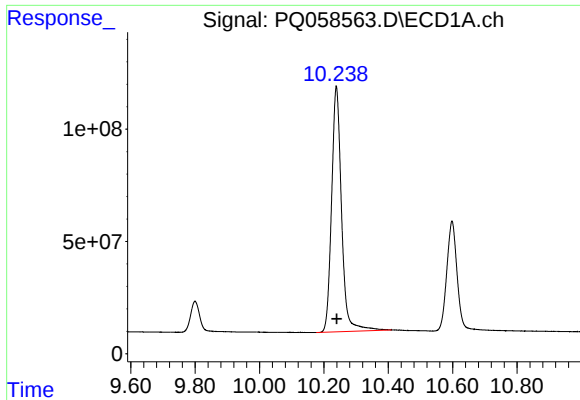
#44 AR-1268-4

R.T.: 9.800 min
Delta R.T.: 0.000 min
Response: 256373162
Conc: 772.76 ng/ml



#44 AR-1268-4

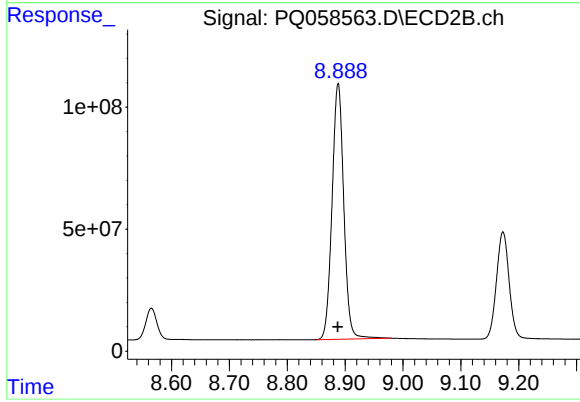
R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 168327340
Conc: 790.73 ng/ml



#45 AR-1268-5

R.T.: 10.239 min
Delta R.T.: -0.002 min
Response: 2344608225
Conc: 778.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 1474086860
Conc: 801.07 ng/ml