

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091919\
 Data File : PQ043687.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2019 13:58
 Operator : SM\AJ
 Sample : AR1221CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1221CCC400

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:31:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 19 00:01:44 2019
 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...	5.233	4.410	24726204	11671086	11.560	12.732
2)	SA Decachlor...	11.401	9.866	323.4E6	121.9E6	41.262	39.905
Target Compounds							
3)	L1 AR-1016-1	6.546	5.714	1528176	4637431	15.629	122.220 #
4)	L1 AR-1016-2	6.571	5.714	2512662	4637431	17.681	88.808 #
5)	L1 AR-1016-3	6.639	5.910	1719323	1852548	19.968	65.870 #
6)	L1 AR-1016-4	6.745	5.910	1354069	1852548	18.505	78.952 #
7)	L1 AR-1016-5	7.060	6.193	816576	2208111	10.536	69.000 #
8)	L2 AR-1221-1	5.476	4.674	5302654	3264848	231.685	298.951 #
9)	L2 AR-1221-2	5.575	4.776	3820594	2320515	220.882	291.827 #
10)	L2 AR-1221-3	5.662	4.868	14562067	7638175	241.647	278.952
11)	L3 AR-1232-1	5.662	4.868	14562067	7638175	285.886	321.673
12)	L3 AR-1232-2	6.253	5.714	1018624	4637431	36.004	189.979 #
13)	L3 AR-1232-3	6.571	5.910	2512662	1852548	39.793	146.078 #
14)	L3 AR-1232-4	6.745	0.000	1354069	0	41.446	N.D. #
15)	L3 AR-1232-5	6.843	6.193	989161	2208111	39.669	163.662 #
16)	L4 AR-1242-1	6.546	5.714	1528176	4637431	18.266	141.548 #
17)	L4 AR-1242-2	6.571	5.714	2512662	4637431	20.682	101.876 #
18)	L4 AR-1242-3	6.639	5.910	1719323	1852548	23.388	76.432 #
19)	L4 AR-1242-4	6.745	0.000	1354069	0	21.499	N.D. #
20)	L4 AR-1242-5	7.528	6.576	3880134	1819271	42.392	51.856
21)	L5 AR-1248-1	6.546	5.714	1528176	4637431	21.683	168.067 #
22)	L5 AR-1248-2	6.843	5.910	989161	1852548	9.737	49.214 #
23)	L5 AR-1248-3	7.060	0.000	816576	0	6.779	N.D. #
24)	L5 AR-1248-4	7.489	6.193	2463202	2208111	15.398	46.914 #
25)	L5 AR-1248-5	7.528	6.609	3880134	5621397	24.856	106.765 #
26)	L6 AR-1254-1	7.460	6.576	5018322	1819271	30.085	20.959 #
27)	L6 AR-1254-2	7.692	0.000	4264502	0	14.722	N.D. #
28)	L6 AR-1254-3	8.081	7.159	4312434	3499449	12.779	25.095 #
29)	L6 AR-1254-4	8.366	0.000	7688577	0	26.280	N.D. #
31)	L7 AR-1260-1	8.260	7.302	3732230	1035564	19.612	14.808
32)	L7 AR-1260-2	8.503	7.485	2392370	1178203	9.788	13.073 #
34)	L7 AR-1260-4	9.096	8.187	655056	1932206	2.608	24.813 #
35)	L7 AR-1260-5	9.459	8.368	1200225	1814358	2.120	8.595 #
37)	L8 AR-1262-2	9.459	8.368	1200225	1814358	1.643	6.921 #
38)	L8 AR-1262-3	0.000	8.739	0	4986961	N.D.	40.346 #
39)	L8 AR-1262-4	9.860	8.739	964242	4986961	2.359	20.638 #
40)	L8 AR-1262-5	10.632	0.000	2385355	0	6.754	N.D. #
41)	L9 AR-1268-1	0.000	8.739	0	4986961	N.D.	13.045 #
42)	L9 AR-1268-2	9.860	8.739	964242	4986961	1.017	13.573 #
43)	L9 AR-1268-3	10.134	8.957	1285421	4441088	1.619	13.515 #
44)	L9 AR-1268-4	10.632	0.000	2385355	0	5.343	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:31:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 19 00:01:44 2019
 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
45) L9	AR-1268-5	11.039	9.584	4518988	7374575	1.355	5.530 #

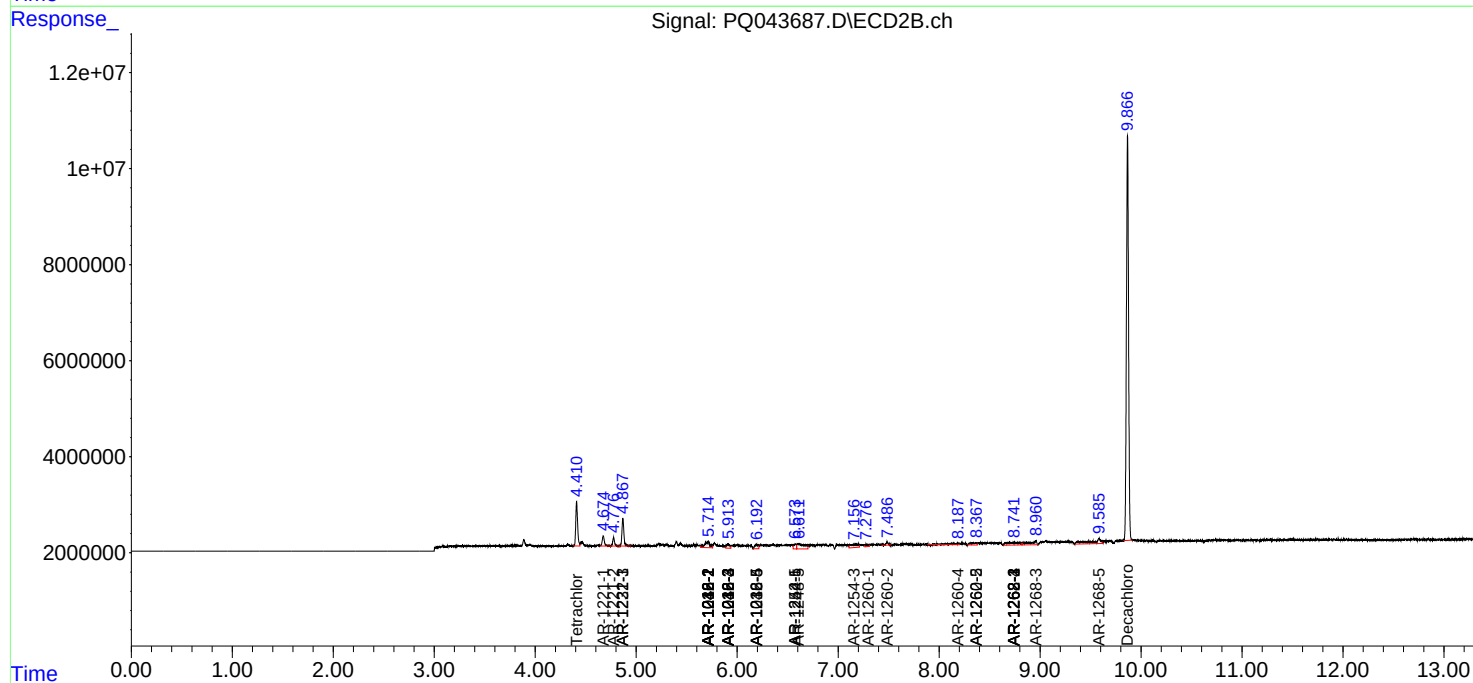
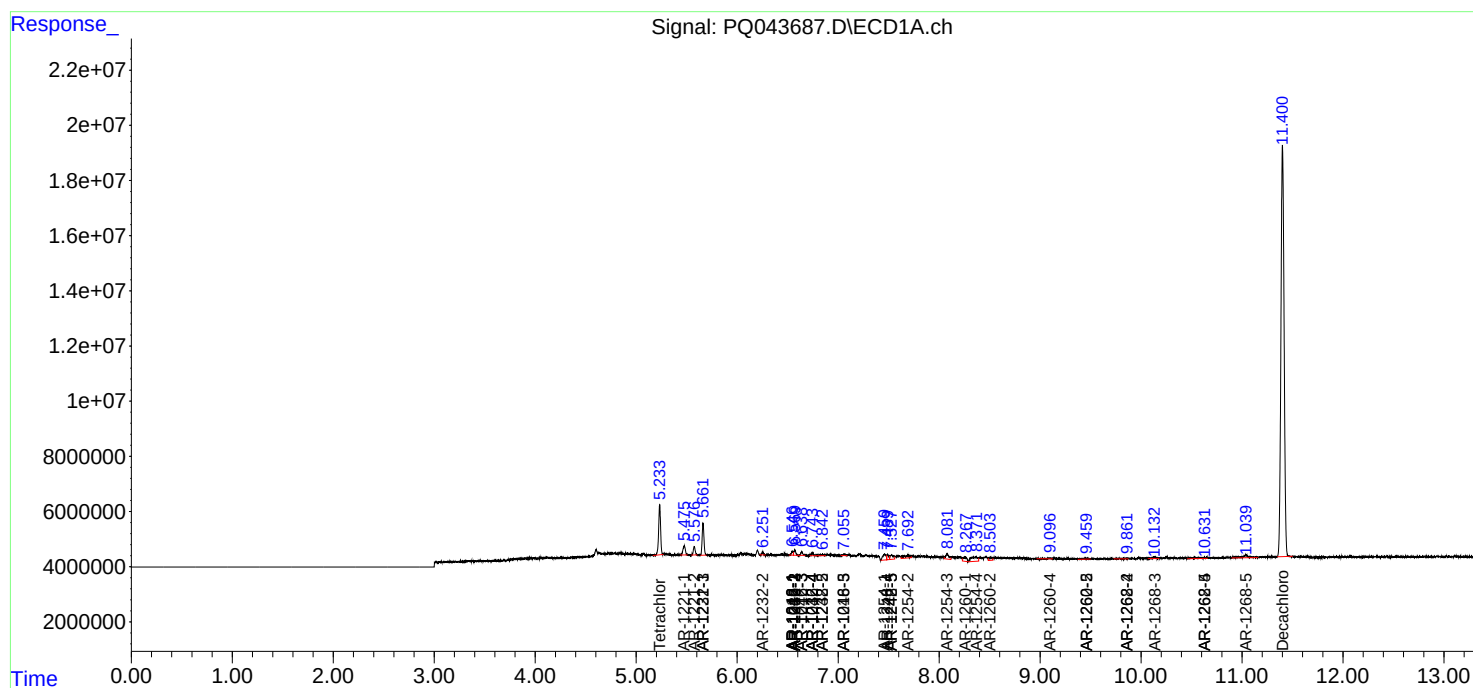
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

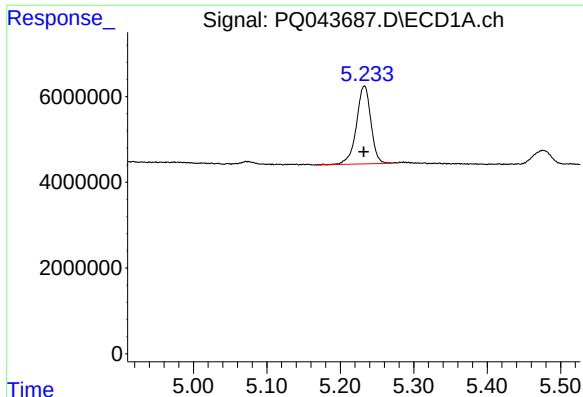
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091919\
Data File : PQ043687.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2019 13:58
Operator : SM\AJ
Sample : AR1221CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
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Integration File signal 1: autoint1.e
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Quant Time: Sep 20 01:31:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
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QLast Update : Thu Sep 19 00:01:44 2019
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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

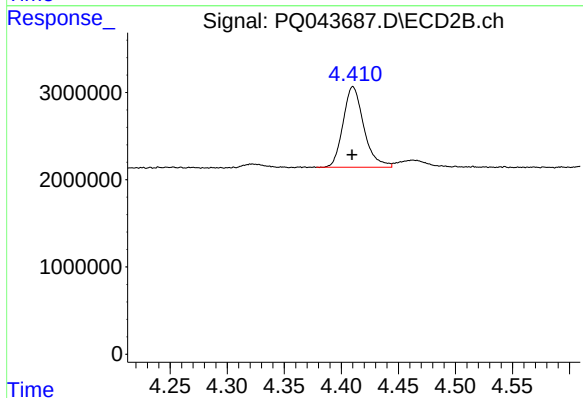




#1 Tetrachloro-m-xylene

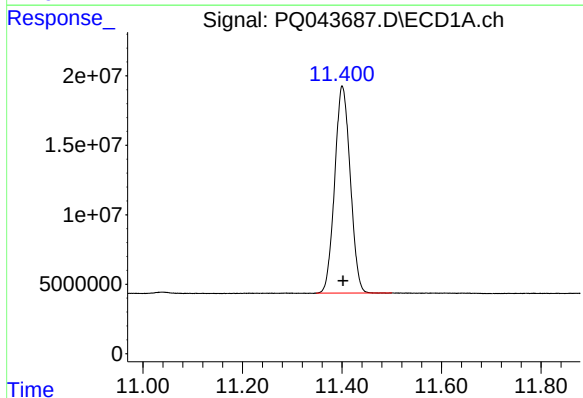
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 24726204
Conc: 11.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



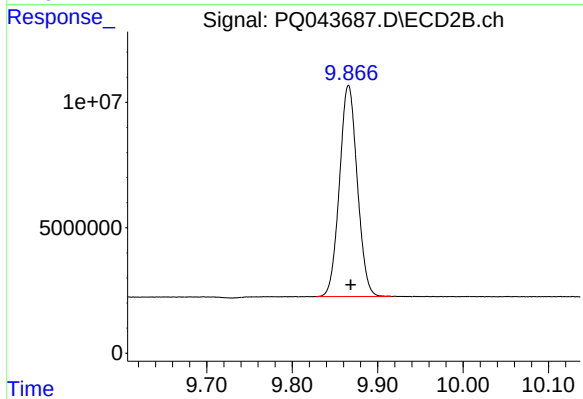
#1 Tetrachloro-m-xylene

R.T.: 4.410 min
Delta R.T.: 0.001 min
Response: 11671086
Conc: 12.73 ng/ml



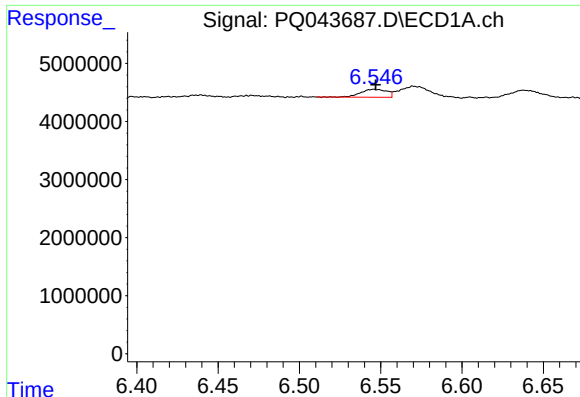
#2 Decachlorobiphenyl

R.T.: 11.401 min
Delta R.T.: -0.001 min
Response: 323383364
Conc: 41.26 ng/ml



#2 Decachlorobiphenyl

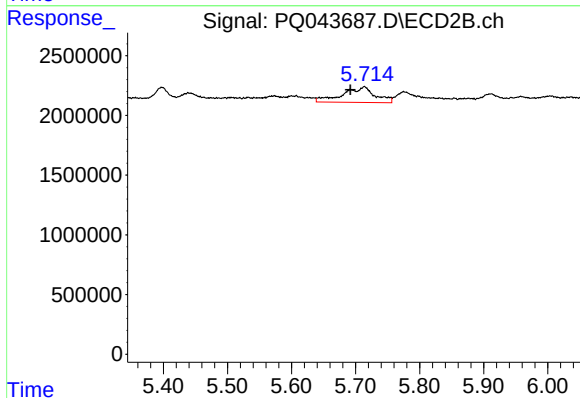
R.T.: 9.866 min
Delta R.T.: -0.002 min
Response: 121923777
Conc: 39.91 ng/ml



#3 AR-1016-1

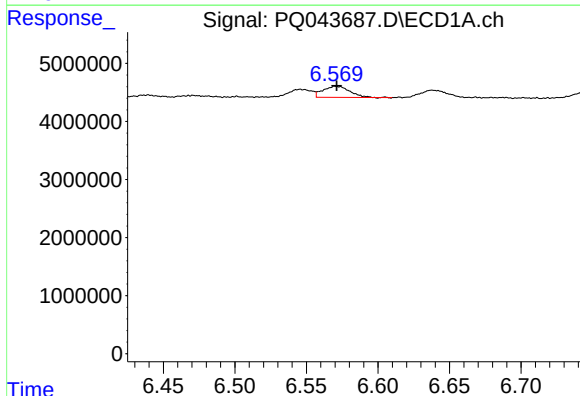
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 1528176
Conc: 15.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



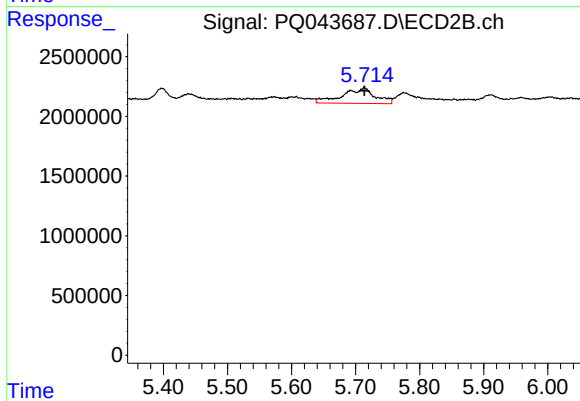
#3 AR-1016-1

R.T.: 5.714 min
Delta R.T.: 0.022 min
Response: 4637431
Conc: 122.22 ng/ml



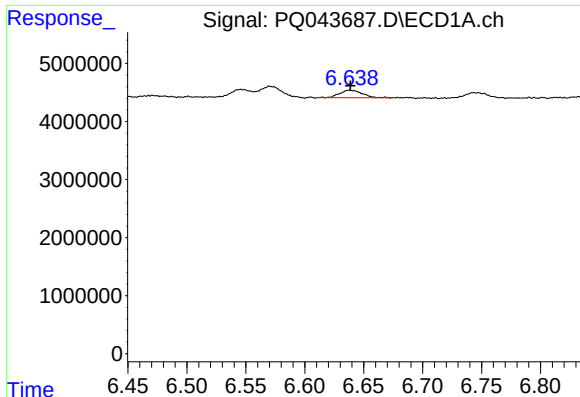
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 2512662
Conc: 17.68 ng/ml



#4 AR-1016-2

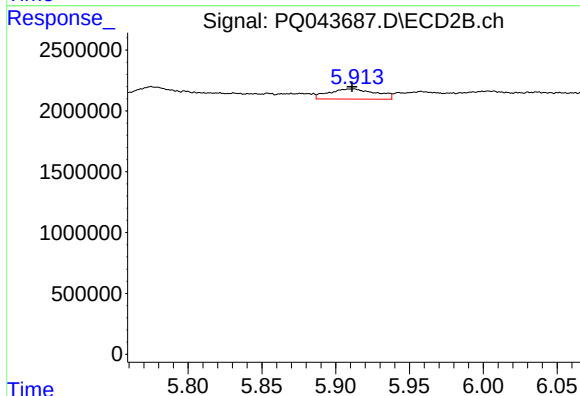
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 4637431
Conc: 88.81 ng/ml



#5 AR-1016-3

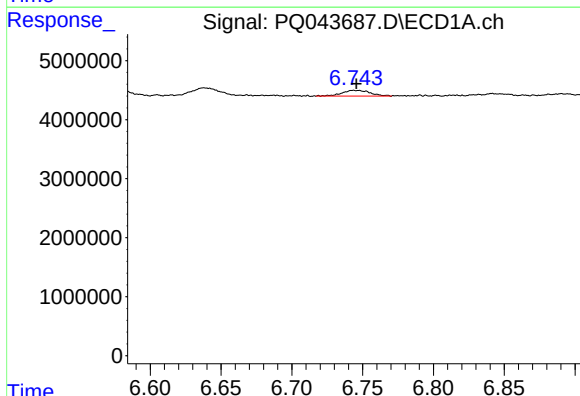
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 1719323
Conc: 19.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



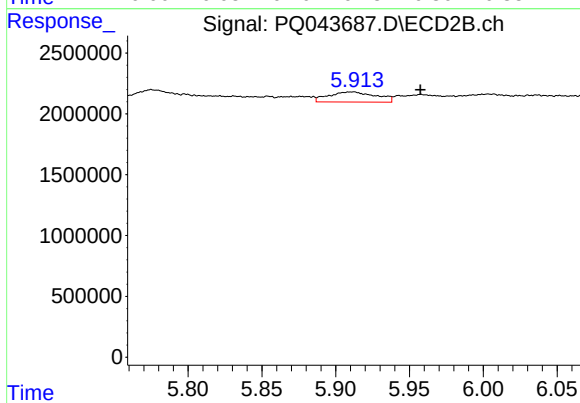
#5 AR-1016-3

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 1852548
Conc: 65.87 ng/ml



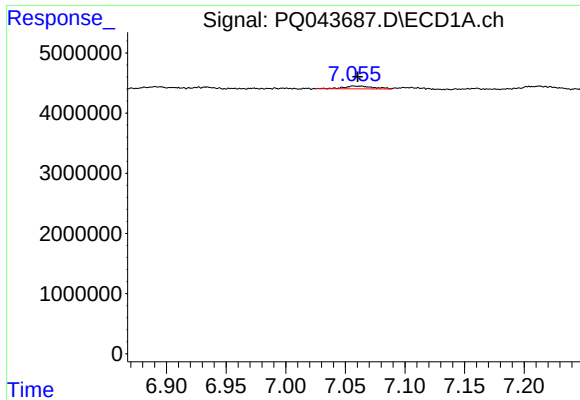
#6 AR-1016-4

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1354069
Conc: 18.51 ng/ml



#6 AR-1016-4

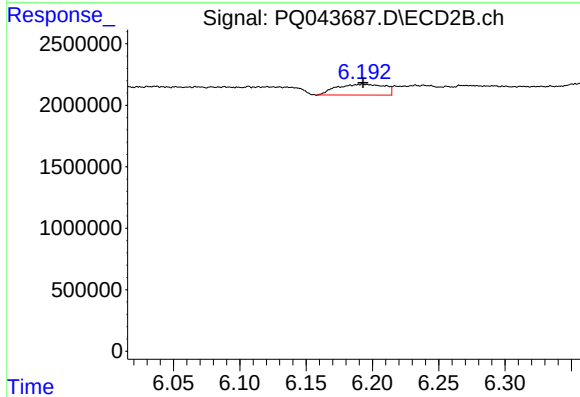
R.T.: 5.910 min
Delta R.T.: -0.047 min
Response: 1852548
Conc: 78.95 ng/ml



#7 AR-1016-5

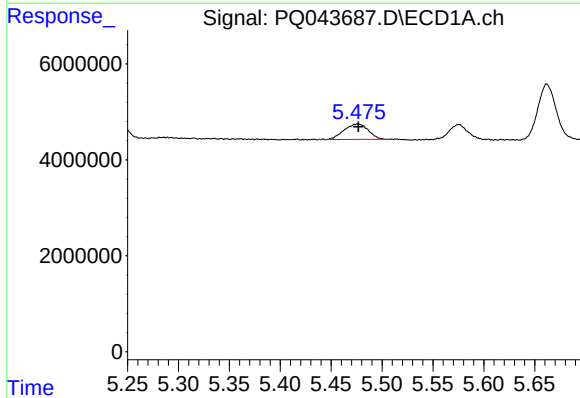
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 816576
Conc: 10.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



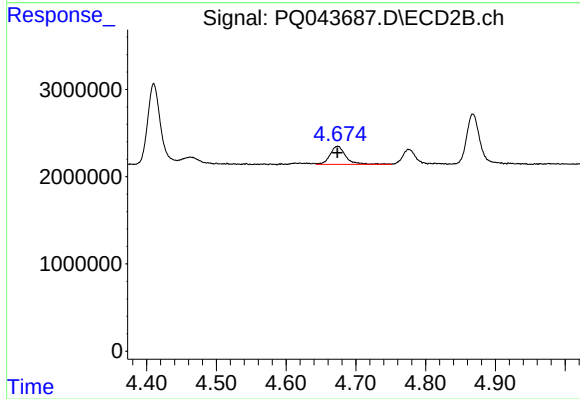
#7 AR-1016-5

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 2208111
Conc: 69.00 ng/ml



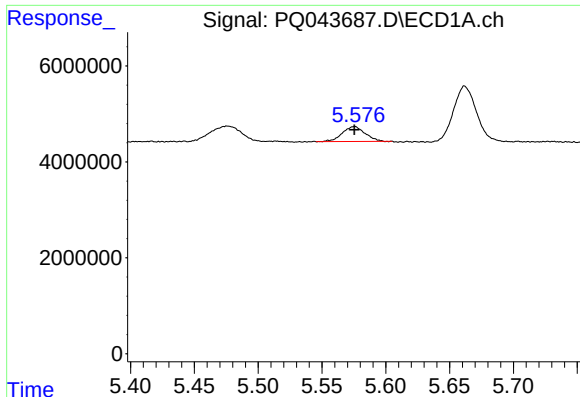
#8 AR-1221-1

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 5302654
Conc: 231.69 ng/ml



#8 AR-1221-1

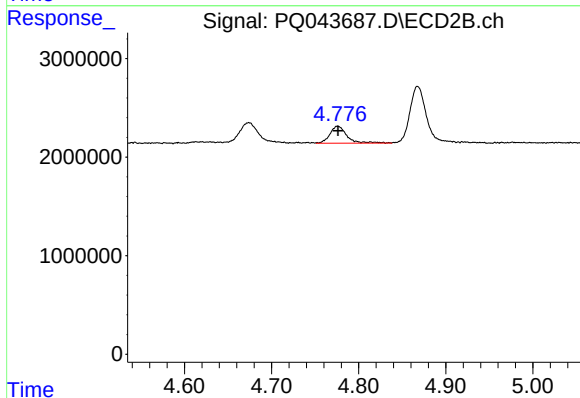
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 3264848
Conc: 298.95 ng/ml



#9 AR-1221-2

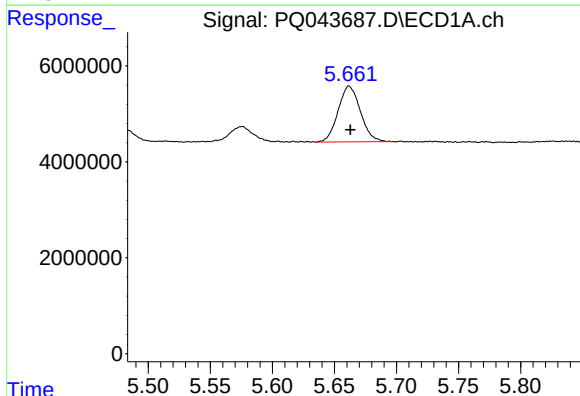
R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 3820594
Conc: 220.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



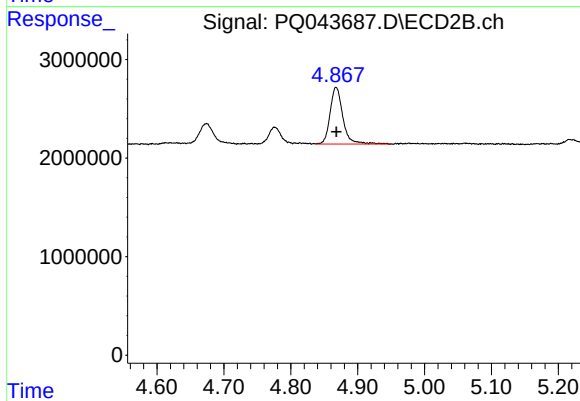
#9 AR-1221-2

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 2320515
Conc: 291.83 ng/ml



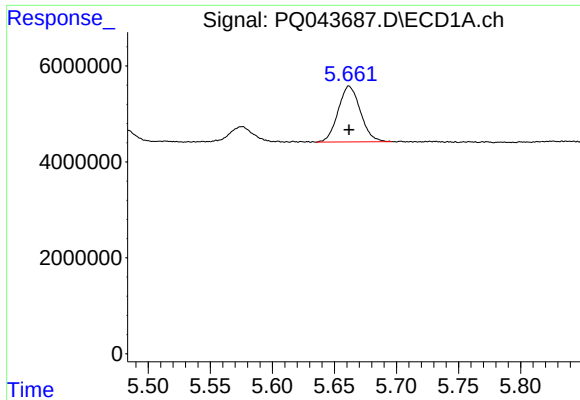
#10 AR-1221-3

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 14562067
Conc: 241.65 ng/ml



#10 AR-1221-3

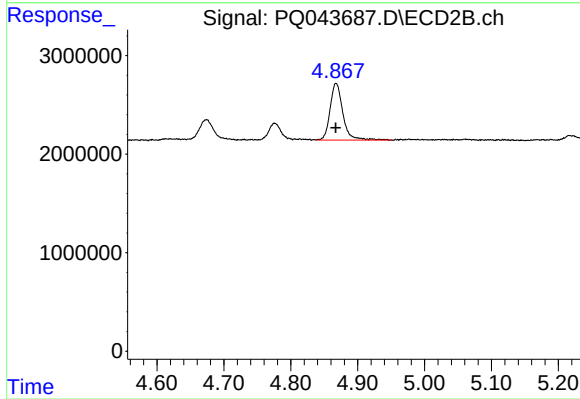
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 7638175
Conc: 278.95 ng/ml



#11 AR-1232-1

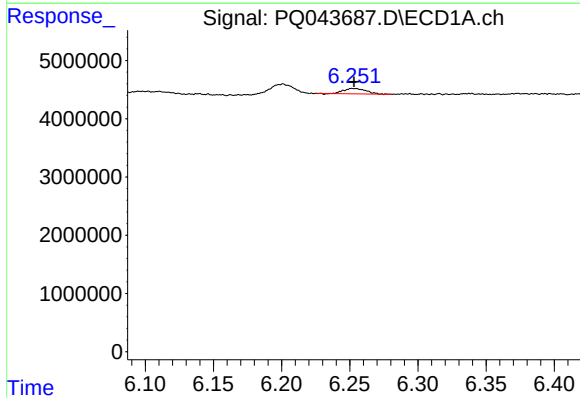
R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 14562067
Conc: 285.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



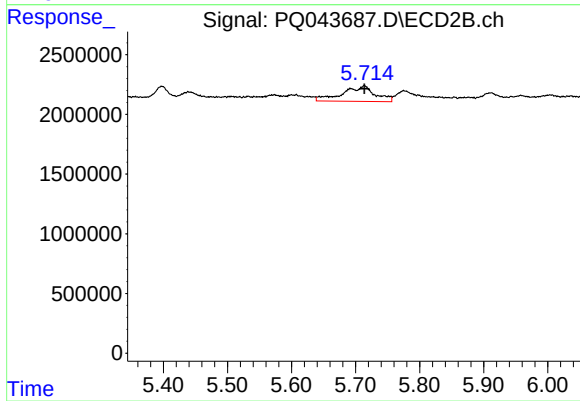
#11 AR-1232-1

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 7638175
Conc: 321.67 ng/ml



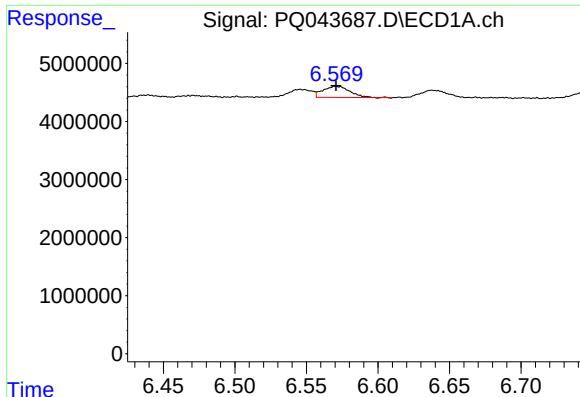
#12 AR-1232-2

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 1018624
Conc: 36.00 ng/ml



#12 AR-1232-2

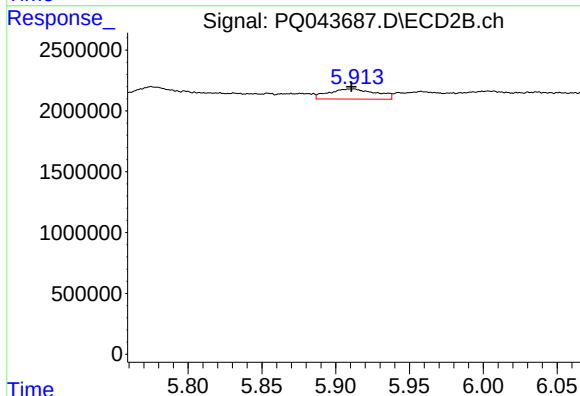
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 4637431
Conc: 189.98 ng/ml



#13 AR-1232-3

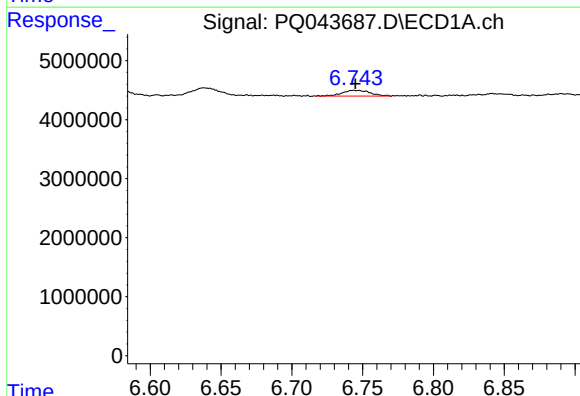
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 2512662
Conc: 39.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



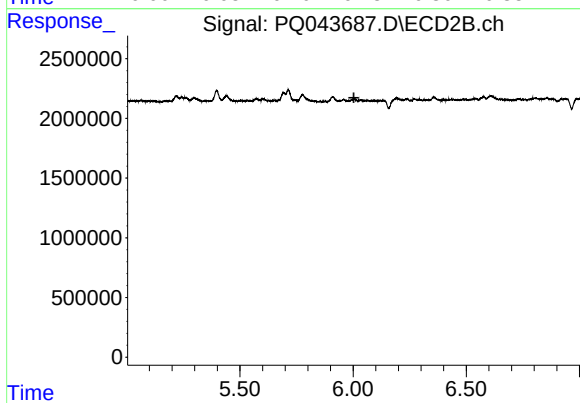
#13 AR-1232-3

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 1852548
Conc: 146.08 ng/ml



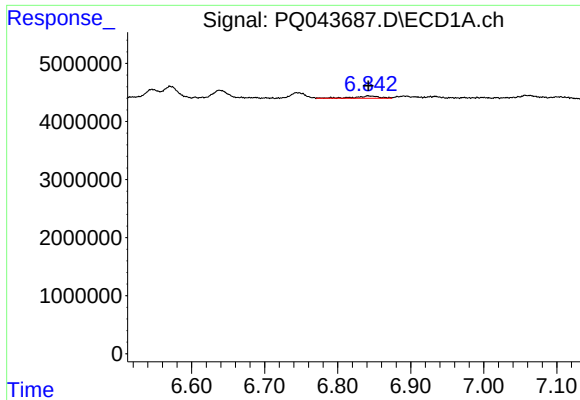
#14 AR-1232-4

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1354069
Conc: 41.45 ng/ml



#14 AR-1232-4

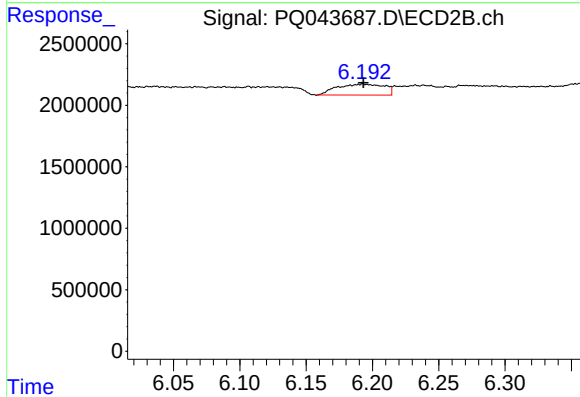
R.T.: 0.000 min
Exp R.T.: 6.004 min
Response: 0
Conc: N.D.



#15 AR-1232-5

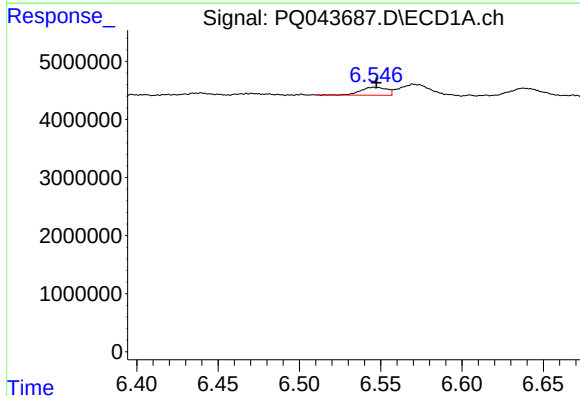
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 989161
Conc: 39.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



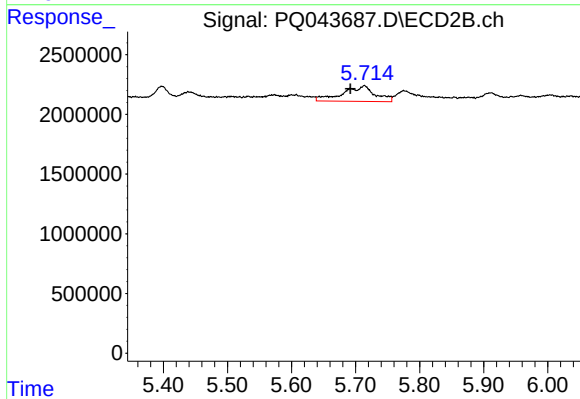
#15 AR-1232-5

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 2208111
Conc: 163.66 ng/ml



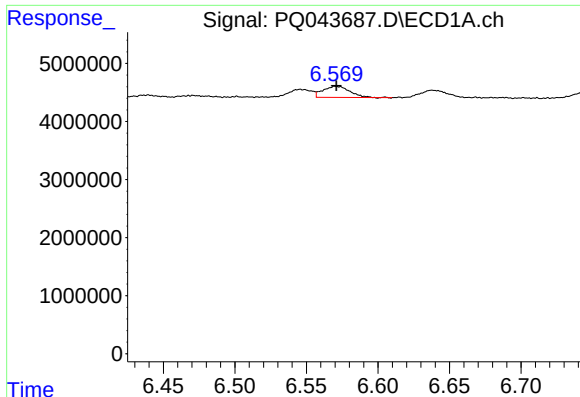
#16 AR-1242-1

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 1528176
Conc: 18.27 ng/ml



#16 AR-1242-1

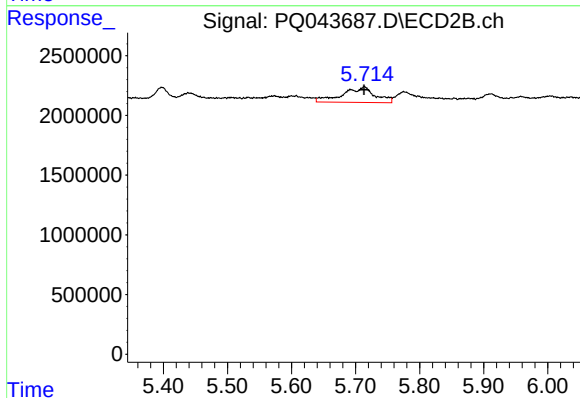
R.T.: 5.714 min
Delta R.T.: 0.022 min
Response: 4637431
Conc: 141.55 ng/ml



#17 AR-1242-2

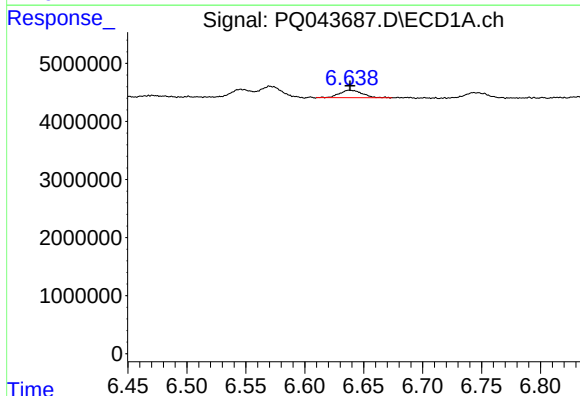
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 2512662
Conc: 20.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



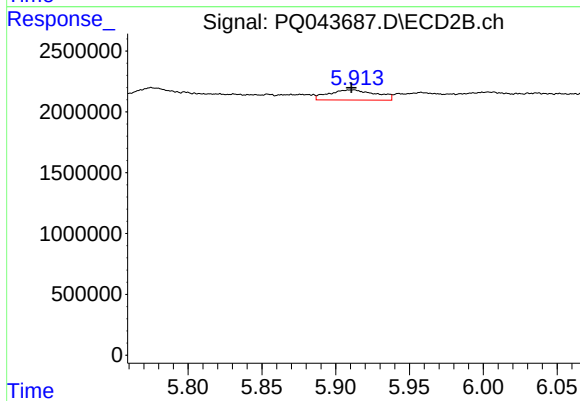
#17 AR-1242-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 4637431
Conc: 101.88 ng/ml



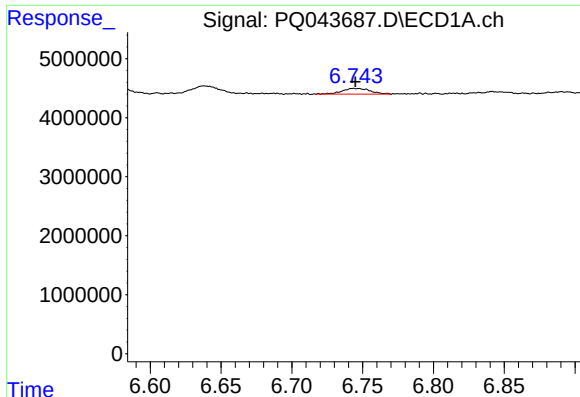
#18 AR-1242-3

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 1719323
Conc: 23.39 ng/ml



#18 AR-1242-3

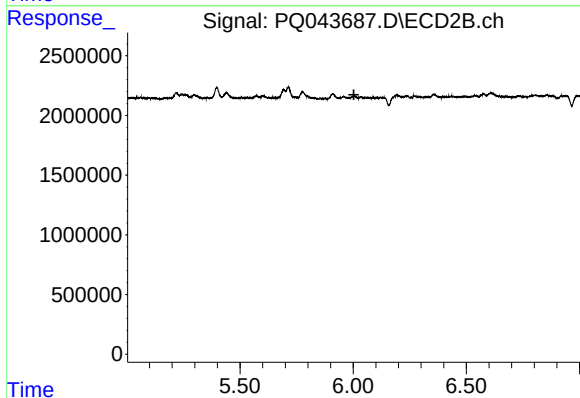
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 1852548
Conc: 76.43 ng/ml



#19 AR-1242-4

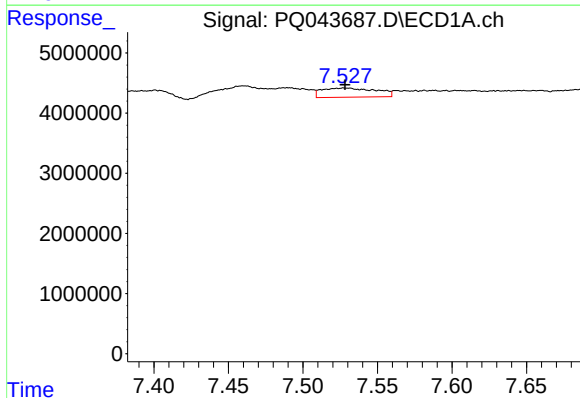
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1354069
Conc: 21.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



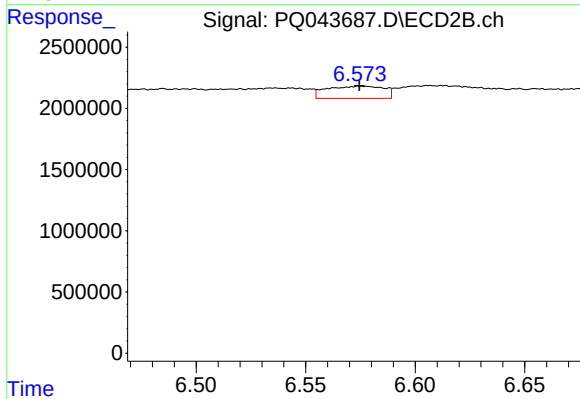
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.003 min
Response: 0
Conc: N.D.



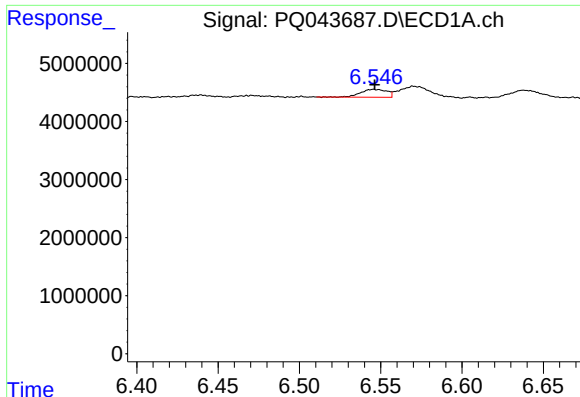
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 3880134
Conc: 42.39 ng/ml



#20 AR-1242-5

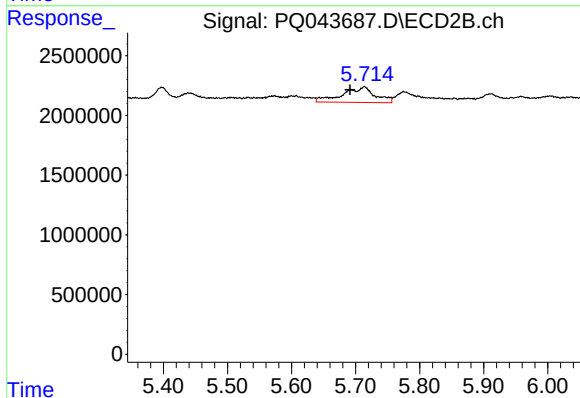
R.T.: 6.576 min
Delta R.T.: 0.001 min
Response: 1819271
Conc: 51.86 ng/ml



#21 AR-1248-1

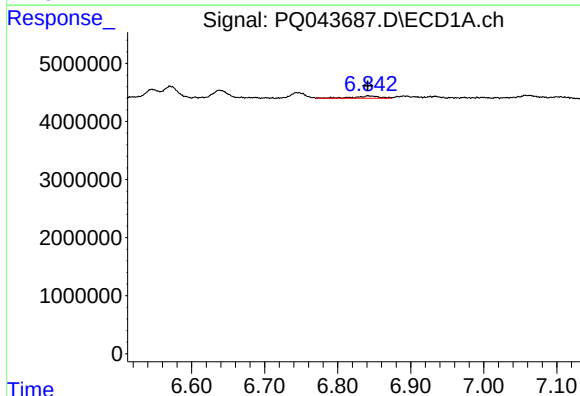
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 1528176
Conc: 21.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



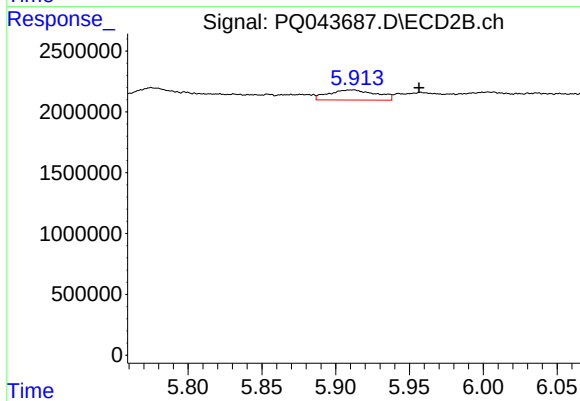
#21 AR-1248-1

R.T.: 5.714 min
Delta R.T.: 0.022 min
Response: 4637431
Conc: 168.07 ng/ml



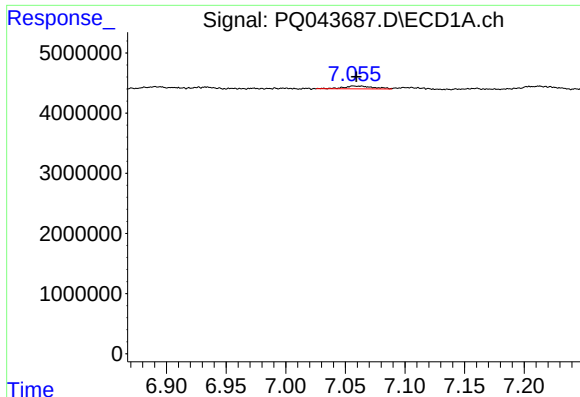
#22 AR-1248-2

R.T.: 6.843 min
Delta R.T.: 0.002 min
Response: 989161
Conc: 9.74 ng/ml



#22 AR-1248-2

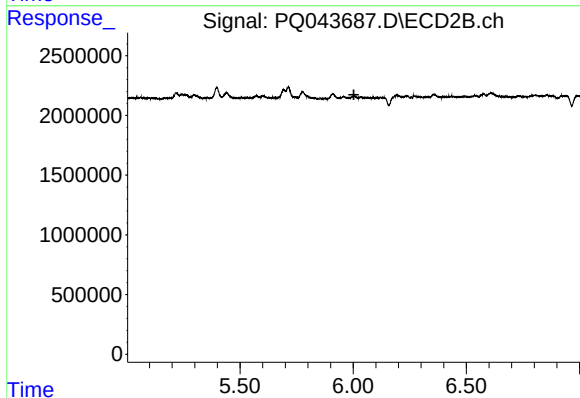
R.T.: 5.910 min
Delta R.T.: -0.046 min
Response: 1852548
Conc: 49.21 ng/ml



#23 AR-1248-3

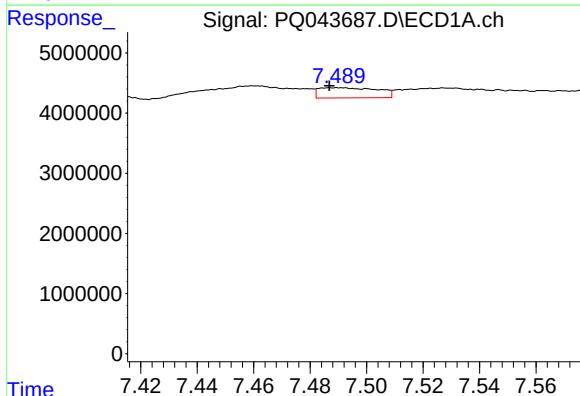
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 816576
Conc: 6.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



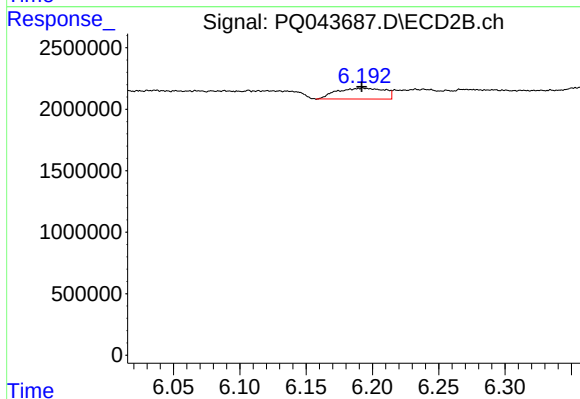
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.003 min
Response: 0
Conc: N.D.



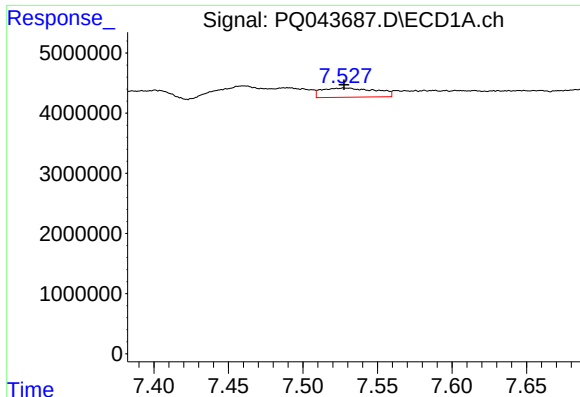
#24 AR-1248-4

R.T.: 7.489 min
Delta R.T.: 0.002 min
Response: 2463202
Conc: 15.40 ng/ml



#24 AR-1248-4

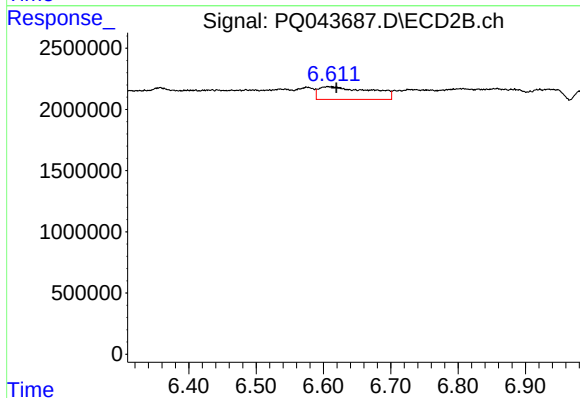
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 2208111
Conc: 46.91 ng/ml



#25 AR-1248-5

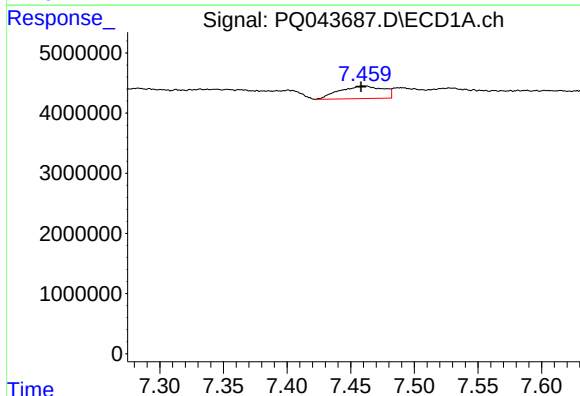
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 3880134
Conc: 24.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



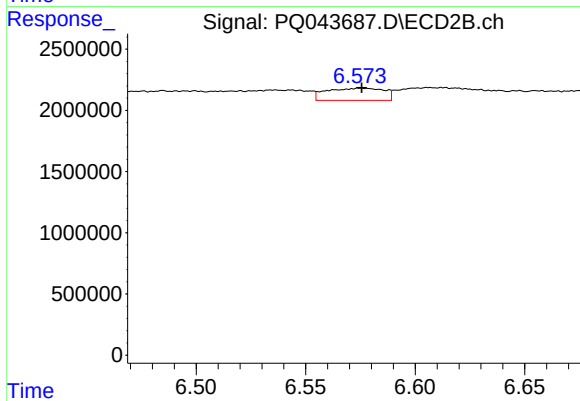
#25 AR-1248-5

R.T.: 6.609 min
Delta R.T.: -0.010 min
Response: 5621397
Conc: 106.77 ng/ml



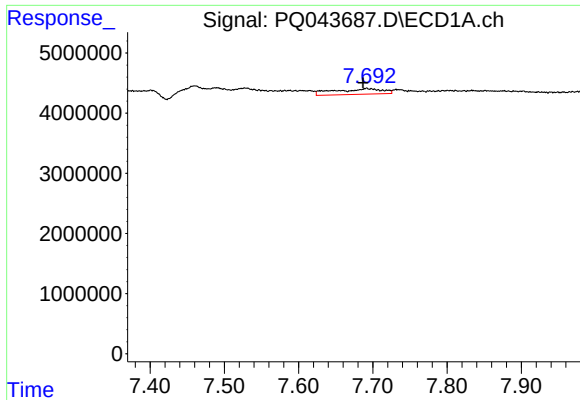
#26 AR-1254-1

R.T.: 7.460 min
Delta R.T.: 0.002 min
Response: 5018322
Conc: 30.09 ng/ml



#26 AR-1254-1

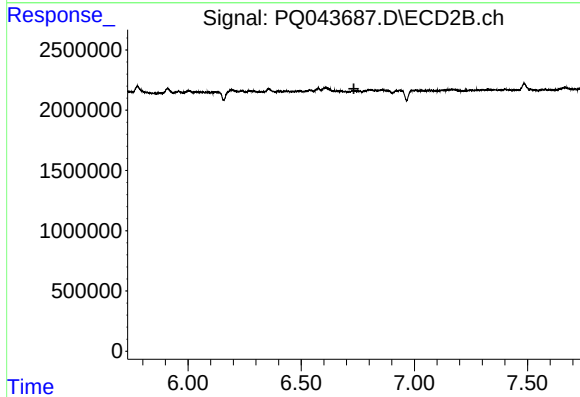
R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 1819271
Conc: 20.96 ng/ml



#27 AR-1254-2

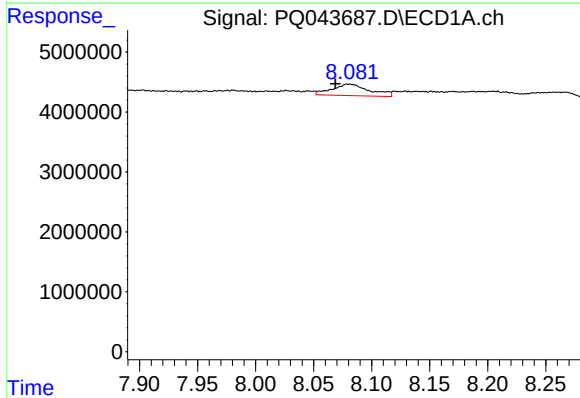
R.T.: 7.692 min
Delta R.T.: 0.005 min
Response: 4264502
Conc: 14.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



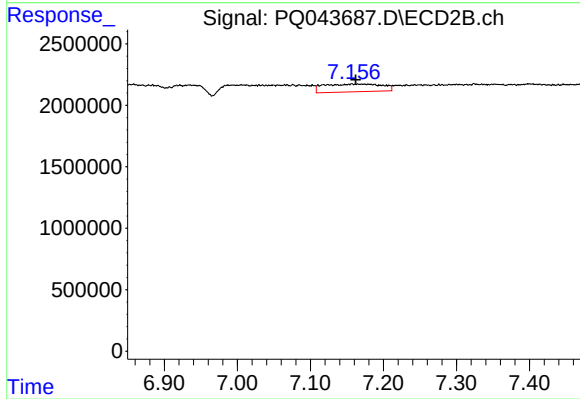
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.733 min
Response: 0
Conc: N.D.



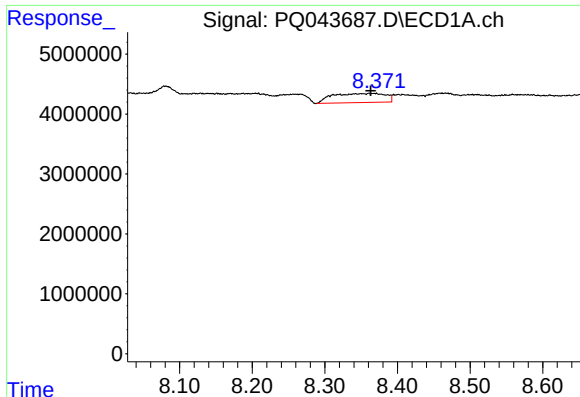
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: 0.012 min
Response: 4312434
Conc: 12.78 ng/ml



#28 AR-1254-3

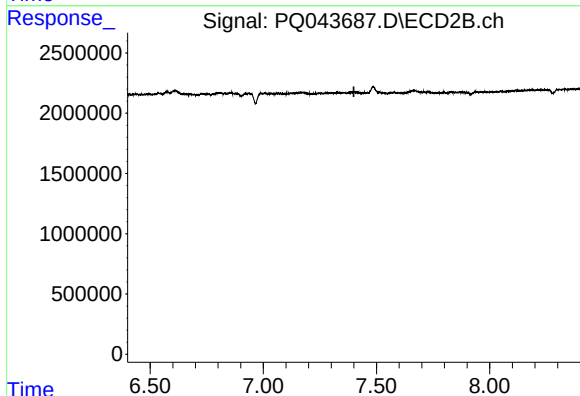
R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 3499449
Conc: 25.10 ng/ml



#29 AR-1254-4

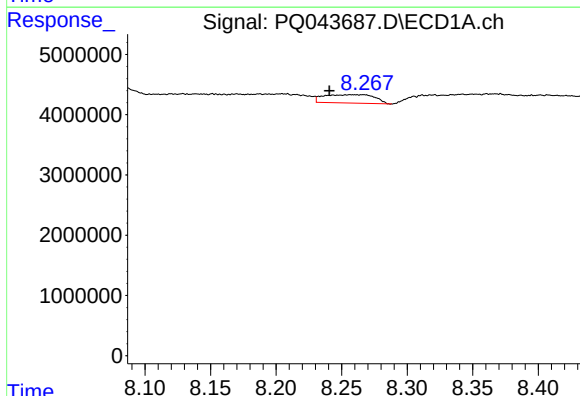
R.T.: 8.366 min
Delta R.T.: 0.002 min
Response: 7688577
Conc: 26.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



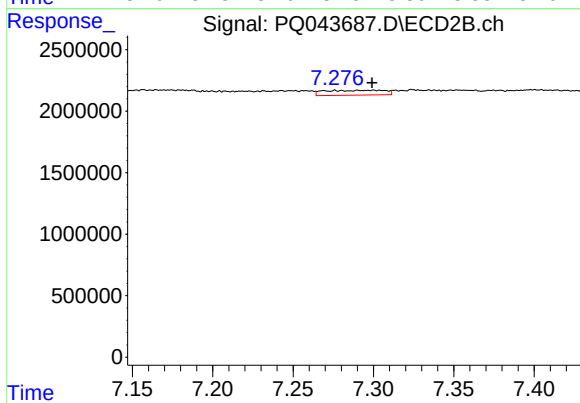
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.400 min
Response: 0
Conc: N.D.



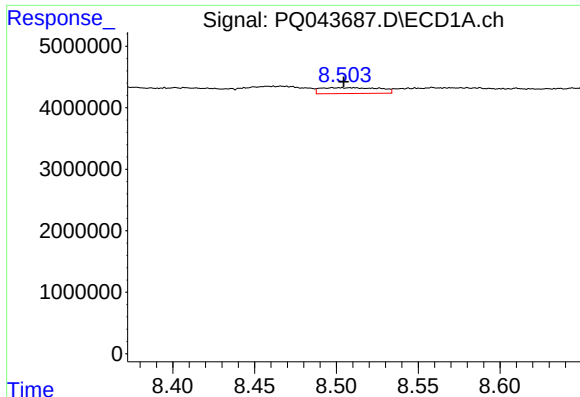
#31 AR-1260-1

R.T.: 8.260 min
Delta R.T.: 0.019 min
Response: 3732230
Conc: 19.61 ng/ml



#31 AR-1260-1

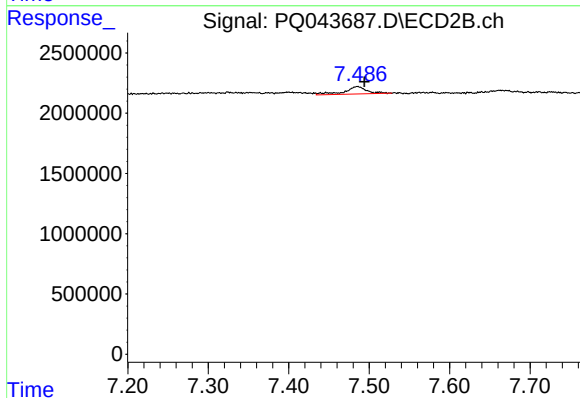
R.T.: 7.302 min
Delta R.T.: 0.003 min
Response: 1035564
Conc: 14.81 ng/ml



#32 AR-1260-2

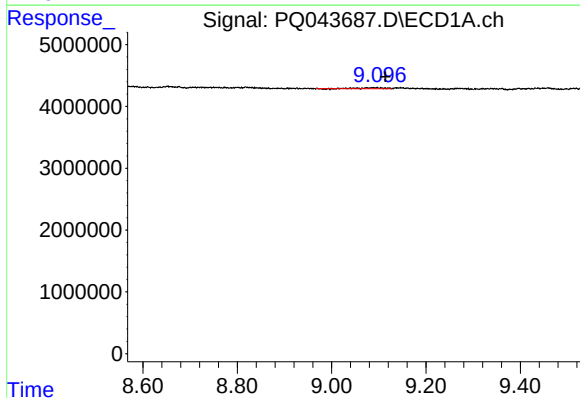
R.T.: 8.503 min
Delta R.T.: -0.001 min
Response: 2392370
Conc: 9.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



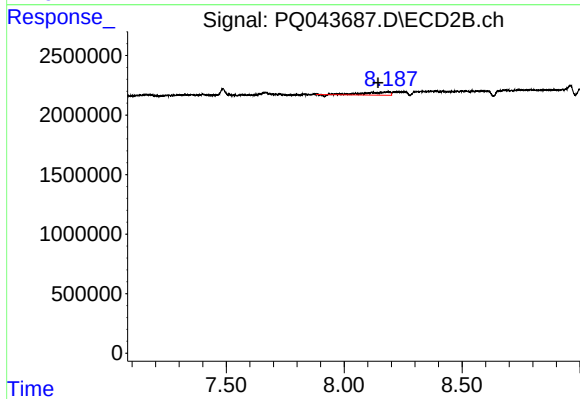
#32 AR-1260-2

R.T.: 7.485 min
Delta R.T.: -0.009 min
Response: 1178203
Conc: 13.07 ng/ml



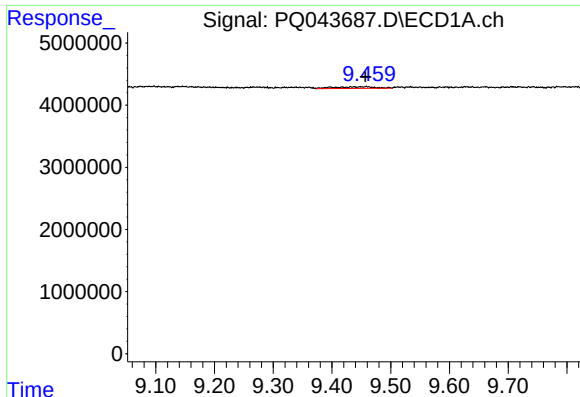
#34 AR-1260-4

R.T.: 9.096 min
Delta R.T.: -0.017 min
Response: 655056
Conc: 2.61 ng/ml



#34 AR-1260-4

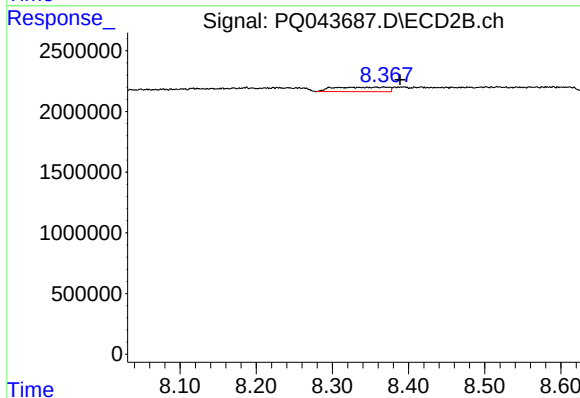
R.T.: 8.187 min
Delta R.T.: 0.043 min
Response: 1932206
Conc: 24.81 ng/ml



#35 AR-1260-5

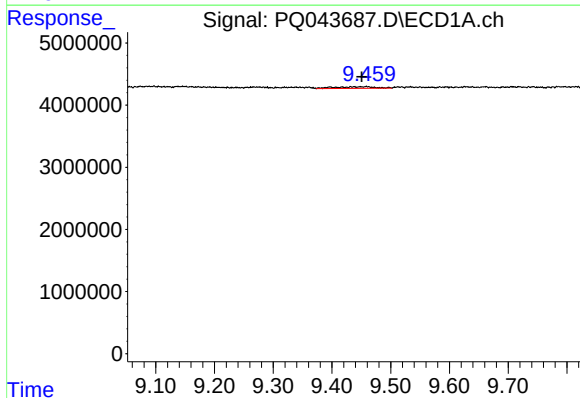
R.T.: 9.459 min
Delta R.T.: 0.002 min
Response: 1200225
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



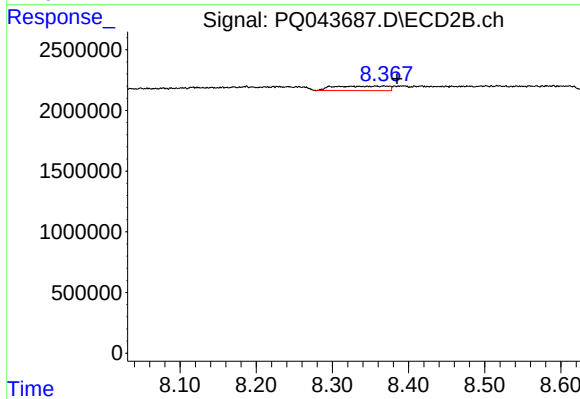
#35 AR-1260-5

R.T.: 8.368 min
Delta R.T.: -0.020 min
Response: 1814358
Conc: 8.60 ng/ml



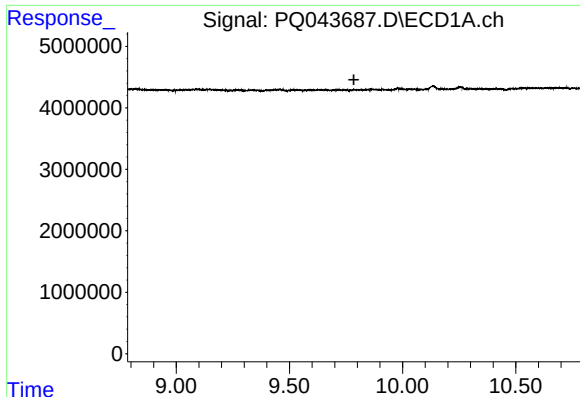
#37 AR-1262-2

R.T.: 9.459 min
Delta R.T.: 0.008 min
Response: 1200225
Conc: 1.64 ng/ml



#37 AR-1262-2

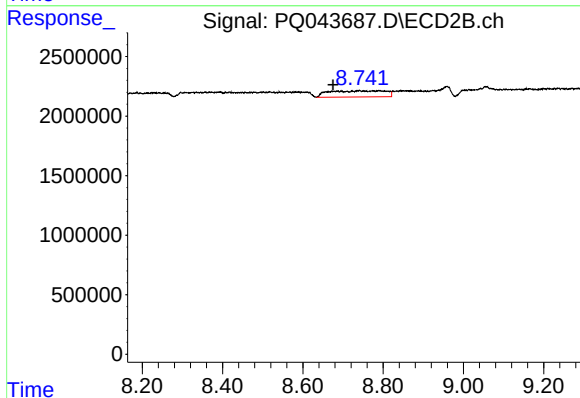
R.T.: 8.368 min
Delta R.T.: -0.017 min
Response: 1814358
Conc: 6.92 ng/ml



#38 AR-1262-3

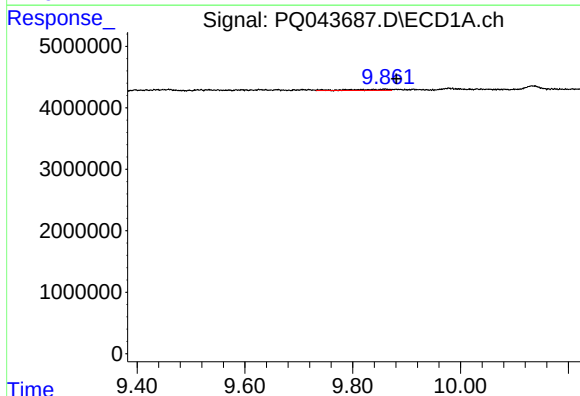
R.T.: 0.000 min
Exp R.T.: 9.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



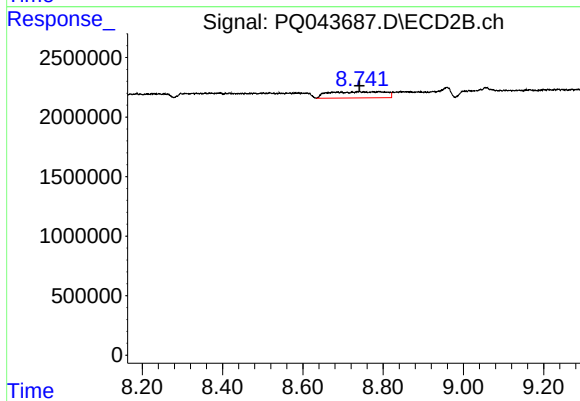
#38 AR-1262-3

R.T.: 8.739 min
Delta R.T.: 0.064 min
Response: 4986961
Conc: 40.35 ng/ml



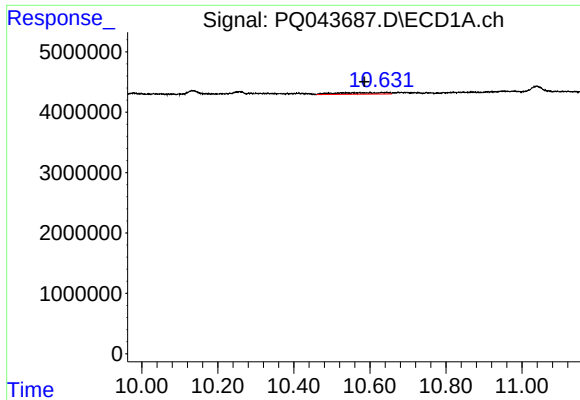
#39 AR-1262-4

R.T.: 9.860 min
Delta R.T.: -0.021 min
Response: 964242
Conc: 2.36 ng/ml



#39 AR-1262-4

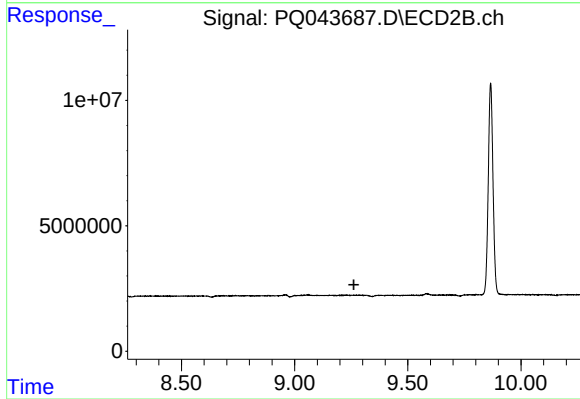
R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 4986961
Conc: 20.64 ng/ml



#40 AR-1262-5

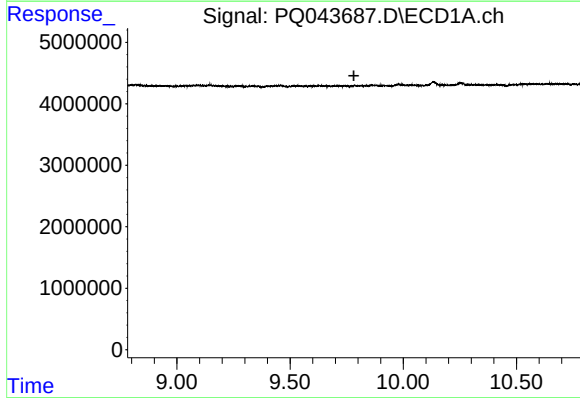
R.T.: 10.632 min
Delta R.T.: 0.046 min
Response: 2385355
Conc: 6.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



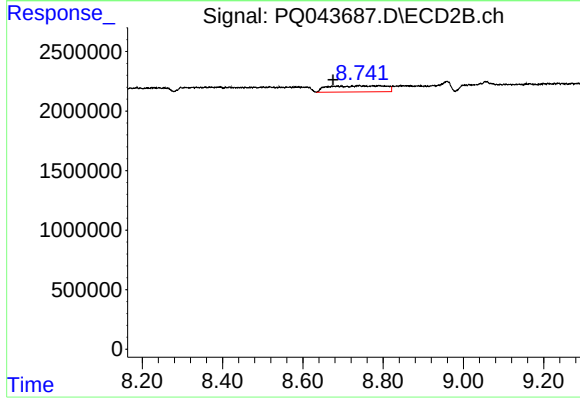
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.262 min
Response: 0
Conc: N.D.



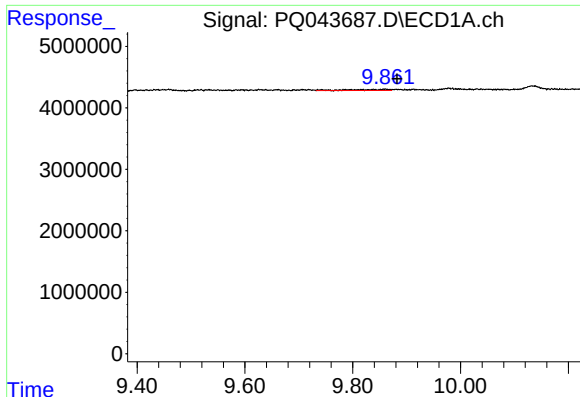
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.782 min
Response: 0
Conc: N.D.



#41 AR-1268-1

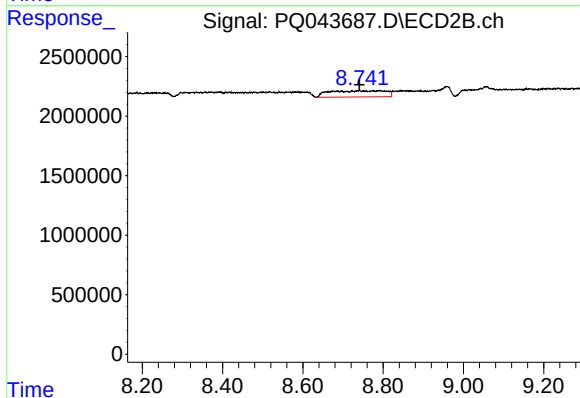
R.T.: 8.739 min
Delta R.T.: 0.064 min
Response: 4986961
Conc: 13.05 ng/ml



#42 AR-1268-2

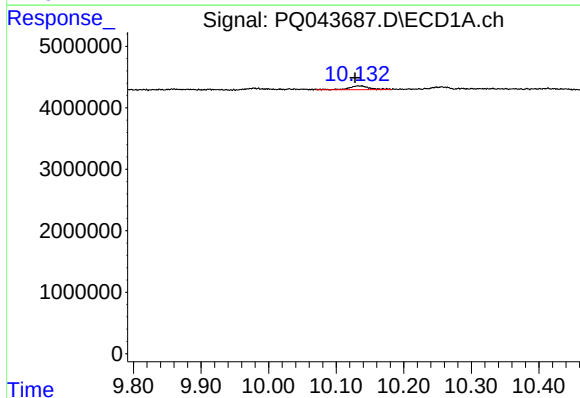
R.T.: 9.860 min
Delta R.T.: -0.022 min
Response: 964242
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



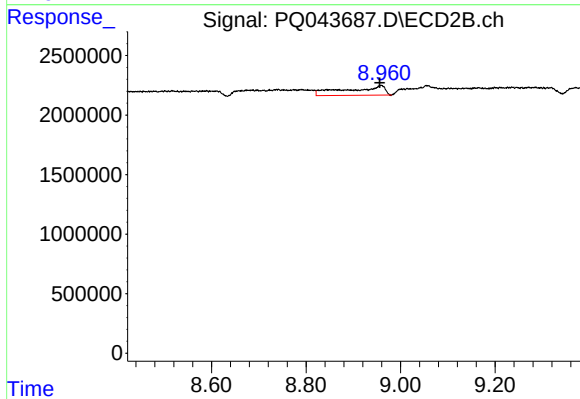
#42 AR-1268-2

R.T.: 8.739 min
Delta R.T.: -0.001 min
Response: 4986961
Conc: 13.57 ng/ml



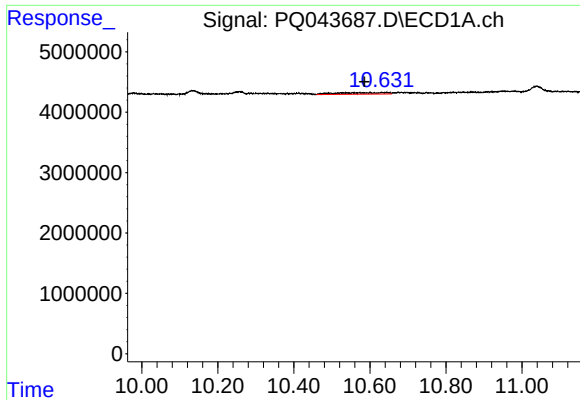
#43 AR-1268-3

R.T.: 10.134 min
Delta R.T.: 0.006 min
Response: 1285421
Conc: 1.62 ng/ml



#43 AR-1268-3

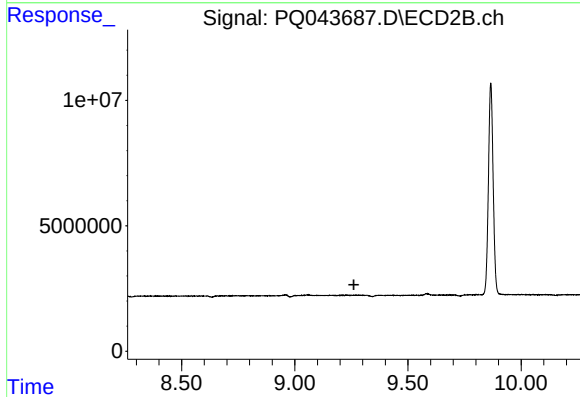
R.T.: 8.957 min
Delta R.T.: 0.002 min
Response: 4441088
Conc: 13.51 ng/ml



#44 AR-1268-4

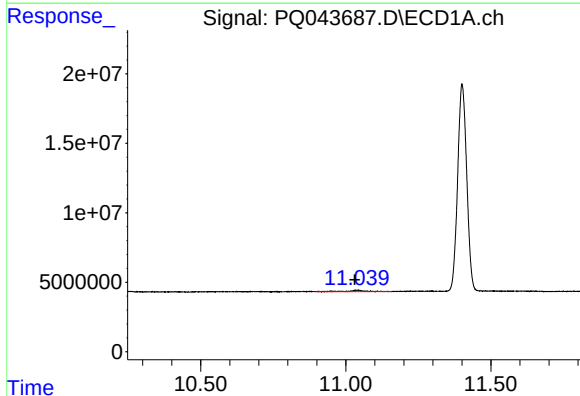
R.T.: 10.632 min
Delta R.T.: 0.046 min
Response: 2385355
Conc: 5.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



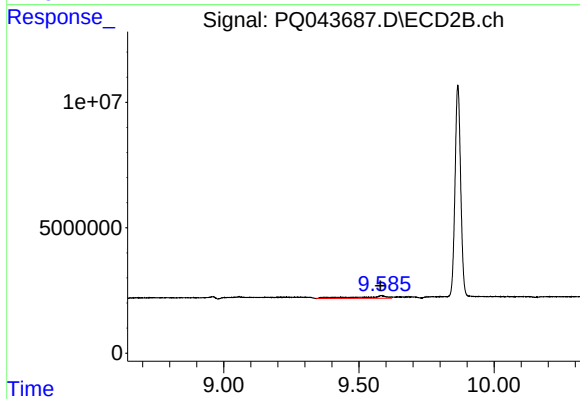
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.261 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.039 min
Delta R.T.: 0.008 min
Response: 4518988
Conc: 1.35 ng/ml



#45 AR-1268-5

R.T.: 9.584 min
Delta R.T.: 0.004 min
Response: 7374575
Conc: 5.53 ng/ml