

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062022\
 Data File : PQ058205.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2022 18:46
 Operator : YP\AJ
 Sample : N3355-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:43:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 09 05:05:02 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...	4.689	4.052	252.2E6	251.0E6	17.021	16.293
2)	SA Decachlor...	10.604	9.190	368.8E6	320.9E6	26.397	28.632
Target Compounds							
3)	L1 AR-1016-1	5.901	5.187	41782711	43044595	105.703	86.956
4)	L1 AR-1016-2	5.901	5.187	41782711	43044595	62.262	60.859
5)	L1 AR-1016-3	5.995	5.374	16738836	840011	40.525	2.280 #
6)	L1 AR-1016-4	6.056	5.394	3482245	733267	9.881	2.489 #
7)	L1 AR-1016-5	6.359	5.608	410726	2847638	1.340	7.464 #
8)	L2 AR-1221-1	4.908	0.000	1634229	0	10.519	N.D. #
9)	L2 AR-1221-2	5.001	4.360	4704796	4975441	41.211	43.897
10)	L2 AR-1221-3	5.078	0.000	169435	0	0.456	N.D. #
11)	L3 AR-1232-1	5.078	0.000	169435	0	0.614	N.D. #
12)	L3 AR-1232-2	5.603	5.187	97941	43044595	0.713	150.715 #
13)	L3 AR-1232-3	5.901	5.374	41782711	840011	152.720	5.725 #
14)	L3 AR-1232-4	6.056	5.477	3482245	7392237	24.827	56.244 #
15)	L3 AR-1232-5	6.119	5.608	8748444	2847638	104.277	19.313 #
16)	L4 AR-1242-1	5.901	5.187	41782711	43044595	130.886	106.443
17)	L4 AR-1242-2	5.901	5.187	41782711	43044595	76.251	74.555
18)	L4 AR-1242-3	5.995	5.374	16738836	840011	49.765	2.780 #
19)	L4 AR-1242-4	6.056	5.477f	3482245	7392237	12.071	25.231 #
20)	L4 AR-1242-5	0.000	5.954	0	362633	N.D.	0.969 #
21)	L5 AR-1248-1	5.901	5.187	41782711	43044595	169.814	138.091
22)	L5 AR-1248-2	6.119	5.394	8748444	733267	27.044	1.743 #
23)	L5 AR-1248-3	6.359	5.477f	410726	7392237	0.983	16.795 #
24)	L5 AR-1248-4	0.000	5.608	0	2847638	N.D.	5.399 #
25)	L5 AR-1248-5	0.000	5.998	0	2206693	N.D.	4.201 #
26)	L6 AR-1254-1	0.000	5.954	0	362633	N.D.	0.453 #
27)	L6 AR-1254-2	0.000	6.103	0	2408306	N.D.	3.474 #
28)	L6 AR-1254-3	7.336	6.532	915615	1831652	1.110	1.601 #
30)	L6 AR-1254-5	0.000	7.164	0	508483	N.D.	0.533 #
31)	L7 AR-1260-1	7.463	6.648	91787	1206823	0.193	1.801 #
32)	L7 AR-1260-2	7.693f	6.831	100455	1339938	0.175	1.665 #
33)	L7 AR-1260-3	0.000	6.992	0	849322	N.D.	1.123 #
34)	L7 AR-1260-4	0.000	7.467	0	831470	N.D.	1.315 #
35)	L7 AR-1260-5	8.649	7.696	422506	1599707	0.355	1.083 #
36)	L8 AR-1262-1	0.000	7.164	0	508483	N.D.	0.998 #
37)	L8 AR-1262-2	8.649	7.696	422506	1599707	0.294	0.906 #
38)	L8 AR-1262-3	0.000	8.050f	0	673926	N.D.	0.995 #
39)	L8 AR-1262-4	0.000	8.050	0	673926	N.D.	0.539 #
41)	L9 AR-1268-1	0.000	8.050f	0	673926	N.D.	0.337 #
42)	L9 AR-1268-2	0.000	8.050	0	673926	N.D.	0.372 #
43)	L9 AR-1268-3	9.341	8.271	318810	751302	0.189	0.481 #

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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
45) L9	AR-1268-5	10.239	8.903	1041705	1699292	0.188	0.380 #

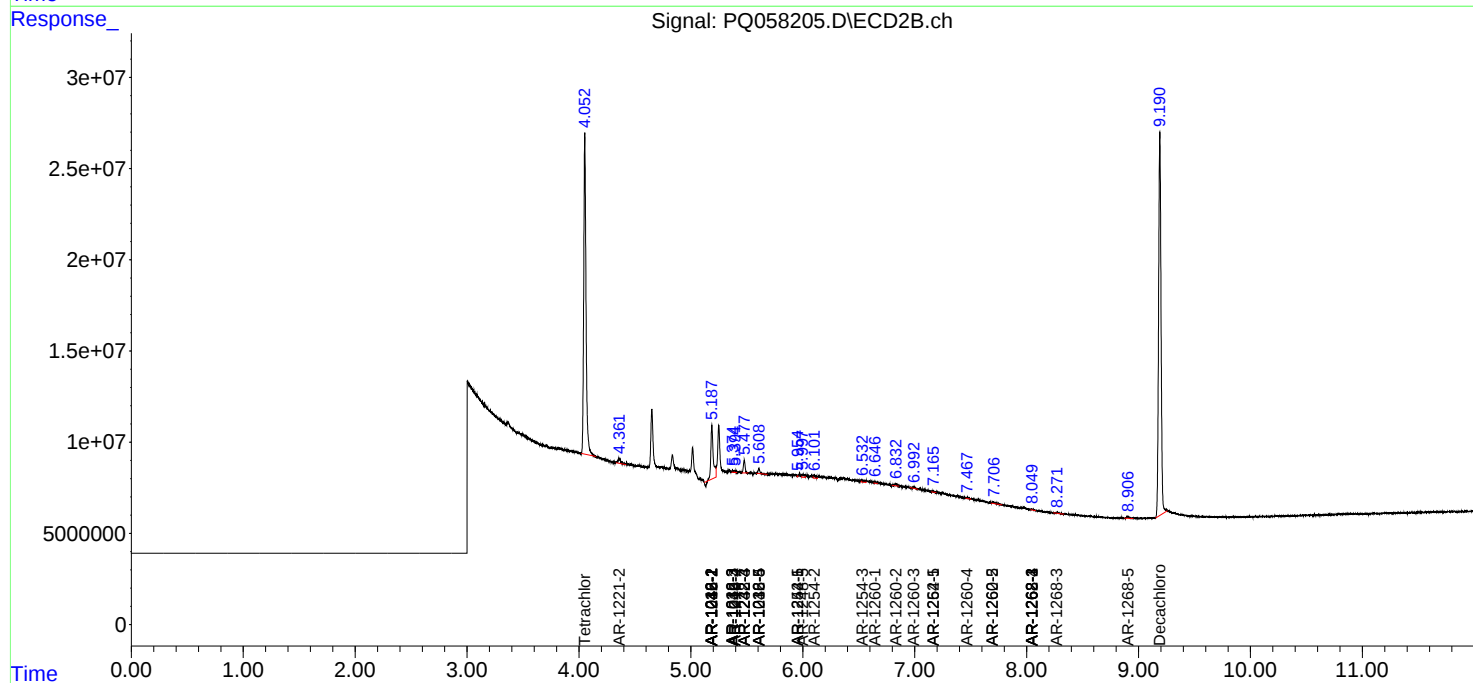
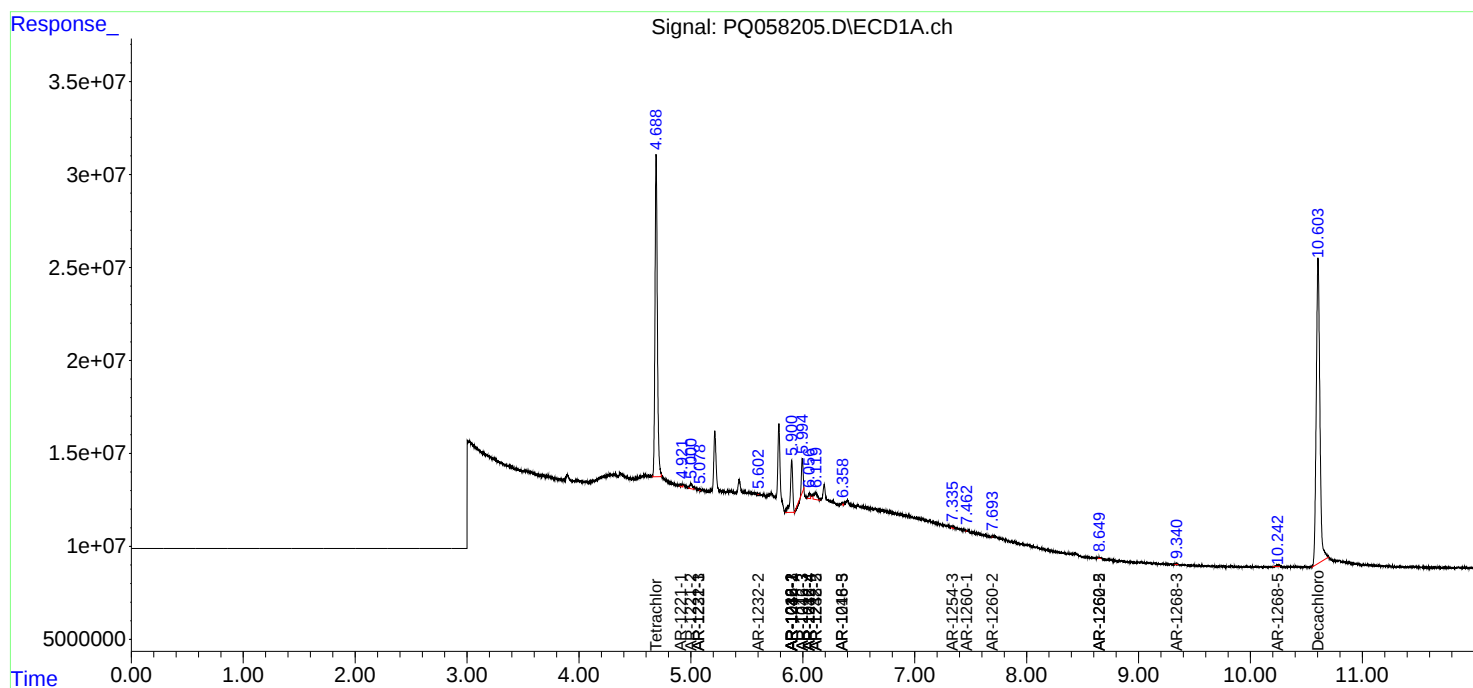
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

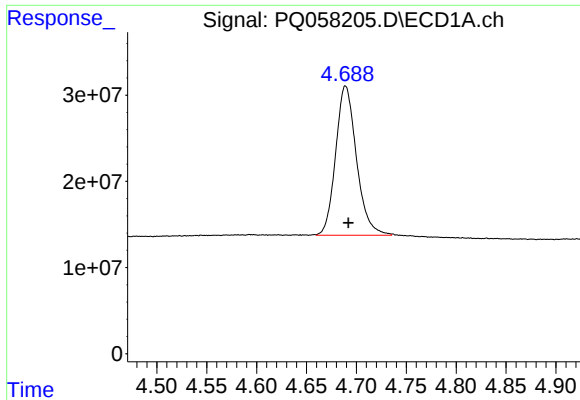
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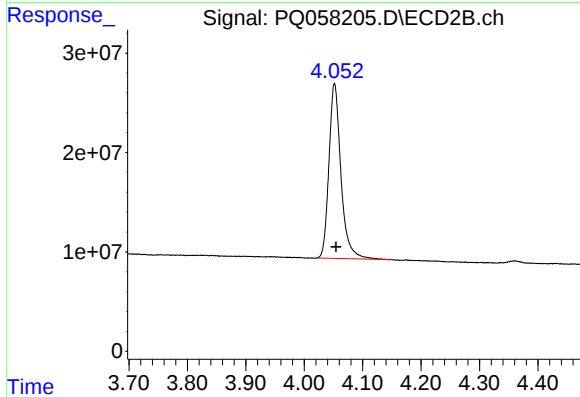




#1 Tetrachloro-m-xylene

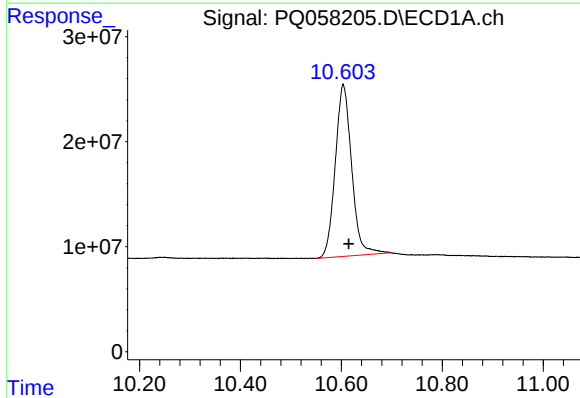
R.T.: 4.689 min
Delta R.T.: -0.003 min
Response: 252236558
Conc: 17.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



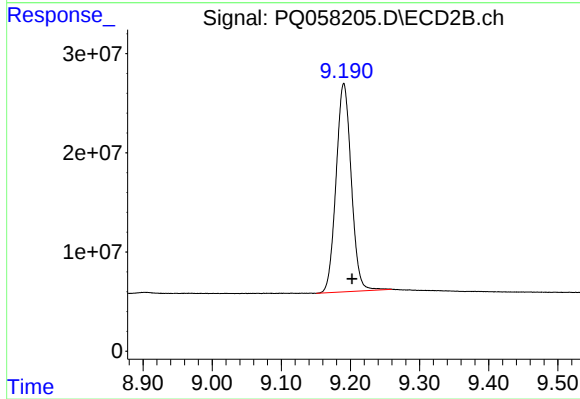
#1 Tetrachloro-m-xylene

R.T.: 4.052 min
Delta R.T.: -0.002 min
Response: 251033470
Conc: 16.29 ng/ml



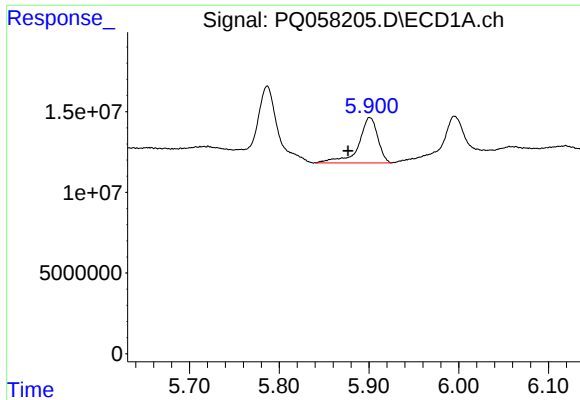
#2 Decachlorobiphenyl

R.T.: 10.604 min
Delta R.T.: -0.011 min
Response: 368845464
Conc: 26.40 ng/ml



#2 Decachlorobiphenyl

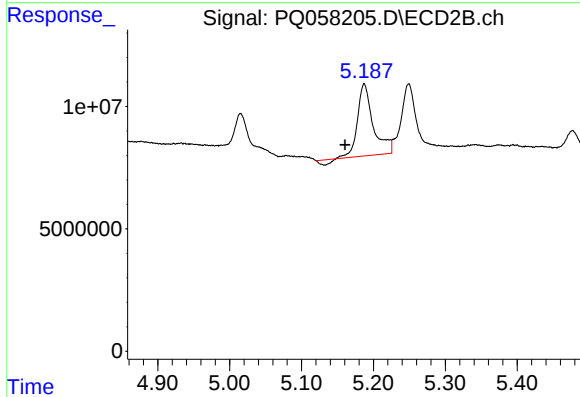
R.T.: 9.190 min
Delta R.T.: -0.012 min
Response: 320864628
Conc: 28.63 ng/ml



#3 AR-1016-1

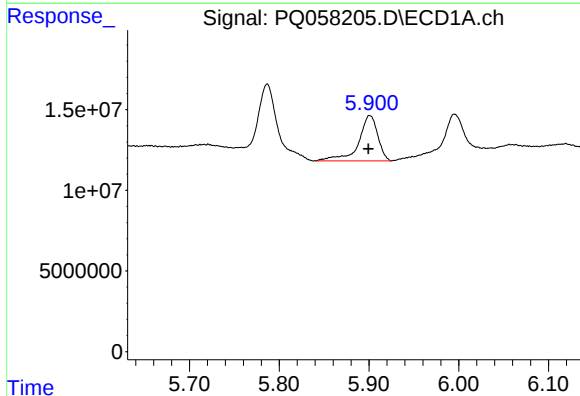
R.T.: 5.901 min
Delta R.T.: 0.024 min
Response: 41782711
Conc: 105.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



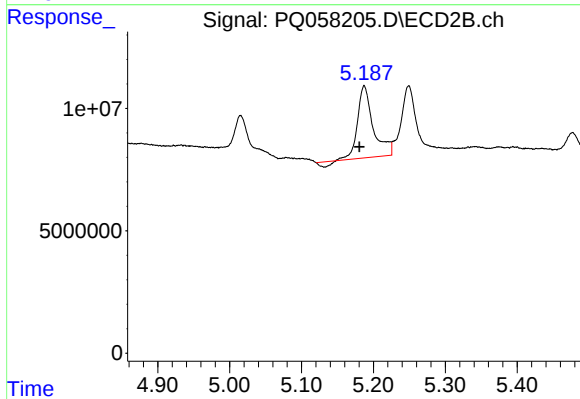
#3 AR-1016-1

R.T.: 5.187 min
Delta R.T.: 0.027 min
Response: 43044595
Conc: 86.96 ng/ml



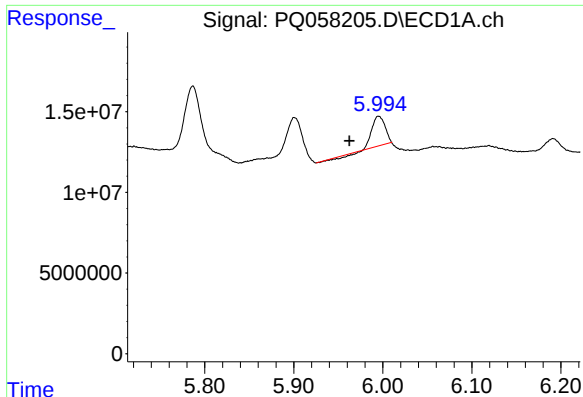
#4 AR-1016-2

R.T.: 5.901 min
Delta R.T.: 0.001 min
Response: 41782711
Conc: 62.26 ng/ml



#4 AR-1016-2

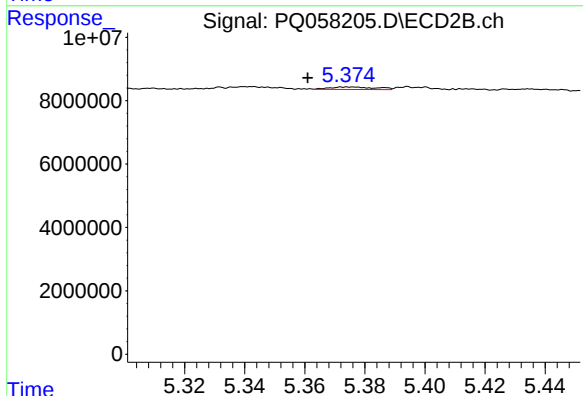
R.T.: 5.187 min
Delta R.T.: 0.007 min
Response: 43044595
Conc: 60.86 ng/ml



#5 AR-1016-3

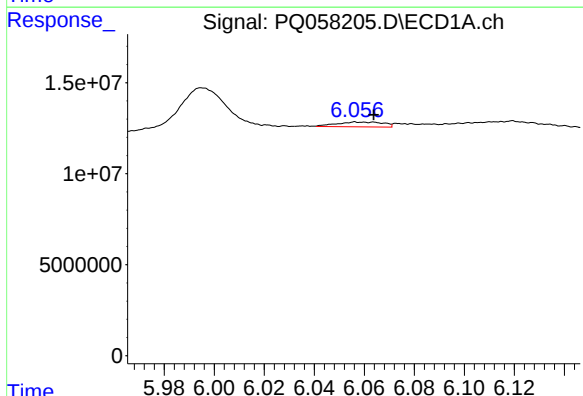
R.T.: 5.995 min
Delta R.T.: 0.032 min
Response: 16738836
Conc: 40.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



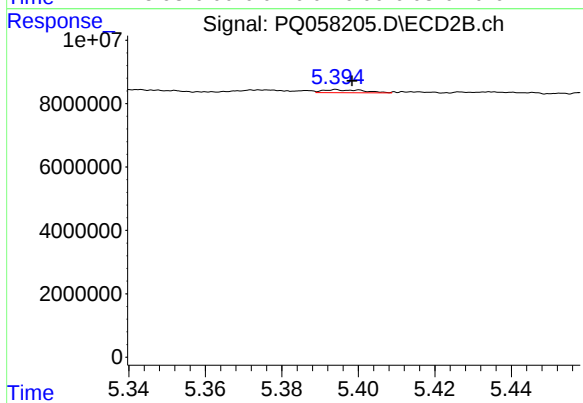
#5 AR-1016-3

R.T.: 5.374 min
Delta R.T.: 0.013 min
Response: 840011
Conc: 2.28 ng/ml



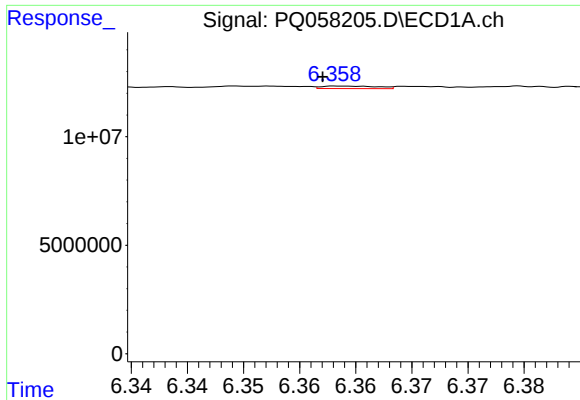
#6 AR-1016-4

R.T.: 6.056 min
Delta R.T.: -0.007 min
Response: 3482245
Conc: 9.88 ng/ml



#6 AR-1016-4

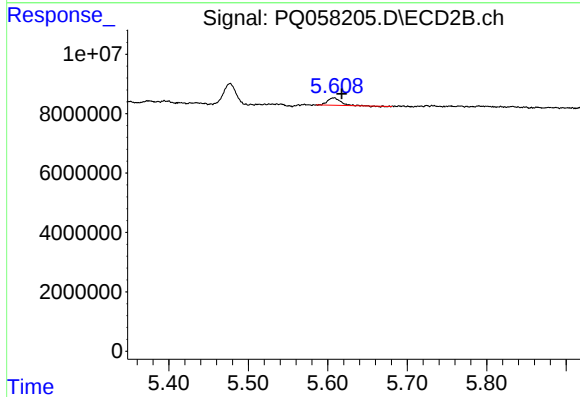
R.T.: 5.394 min
Delta R.T.: -0.004 min
Response: 733267
Conc: 2.49 ng/ml



#7 AR-1016-5

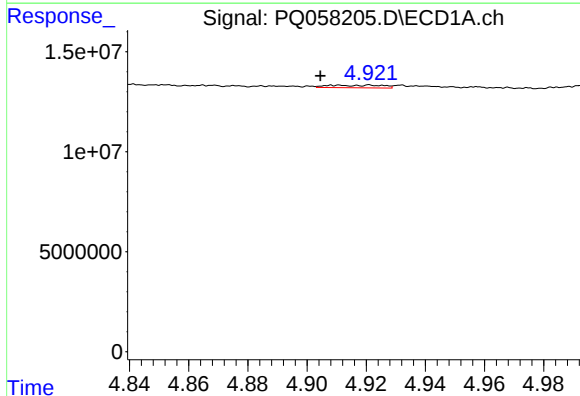
R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 410726
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



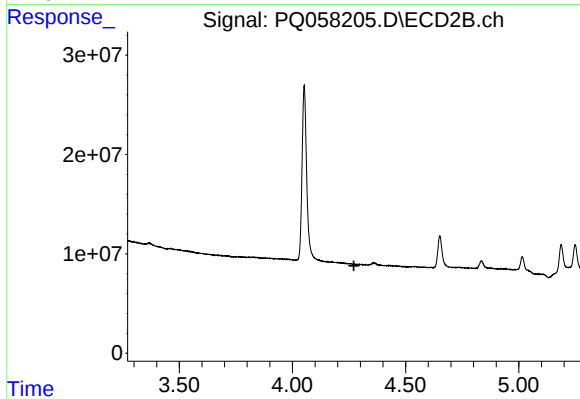
#7 AR-1016-5

R.T.: 5.608 min
Delta R.T.: -0.010 min
Response: 2847638
Conc: 7.46 ng/ml



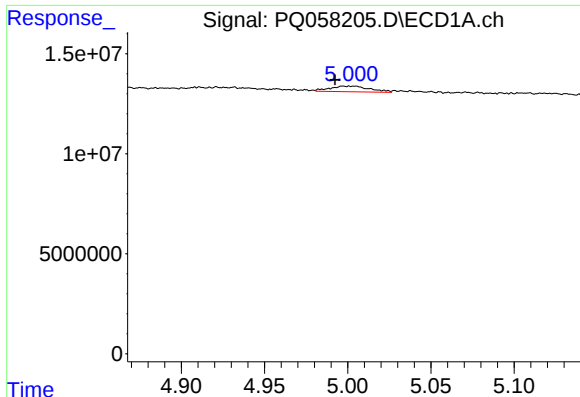
#8 AR-1221-1

R.T.: 4.908 min
Delta R.T.: 0.004 min
Response: 1634229
Conc: 10.52 ng/ml



#8 AR-1221-1

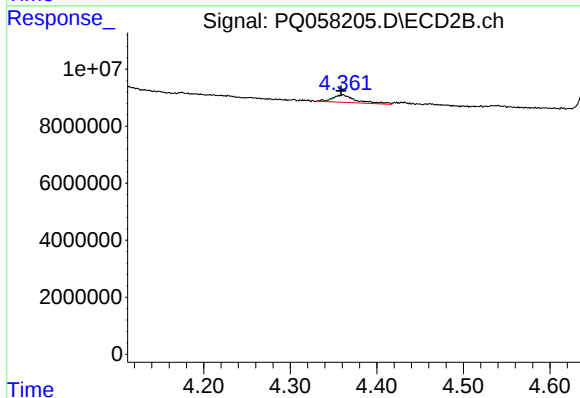
R.T.: 0.000 min
Exp R.T. : 4.272 min
Response: 0
Conc: N.D.



#9 AR-1221-2

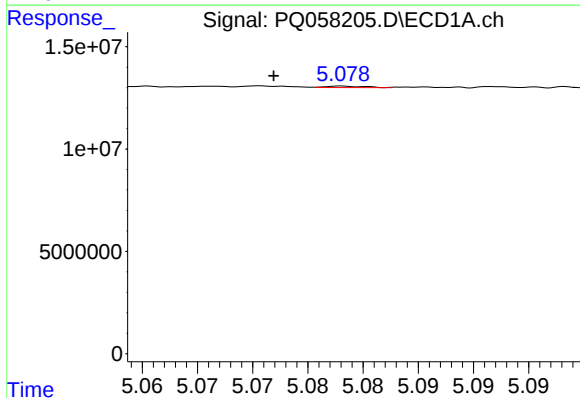
R.T.: 5.001 min
Delta R.T.: 0.009 min
Response: 4704796
Conc: 41.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



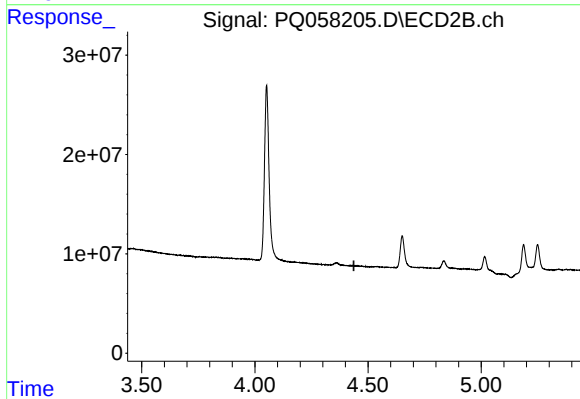
#9 AR-1221-2

R.T.: 4.360 min
Delta R.T.: 0.002 min
Response: 4975441
Conc: 43.90 ng/ml



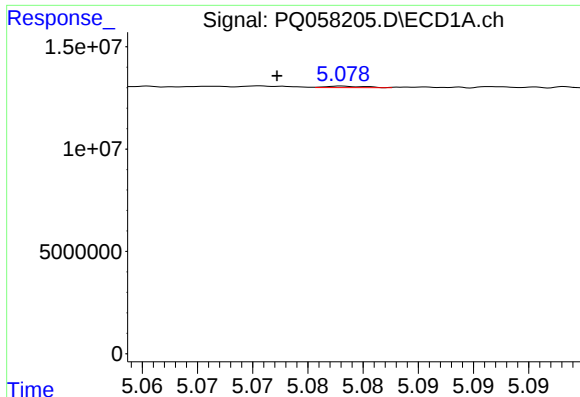
#10 AR-1221-3

R.T.: 5.078 min
Delta R.T.: 0.006 min
Response: 169435
Conc: 0.46 ng/ml



#10 AR-1221-3

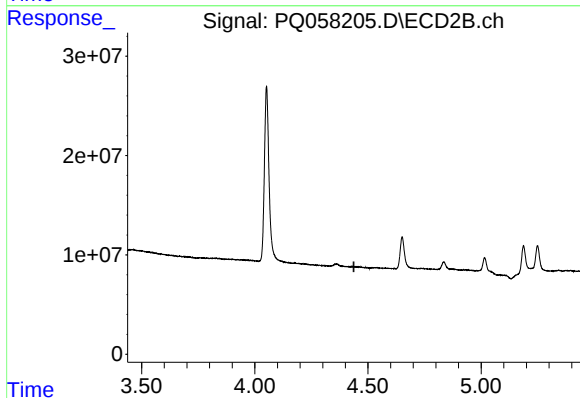
R.T.: 0.000 min
Exp R.T. : 4.438 min
Response: 0
Conc: N.D.



#11 AR-1232-1

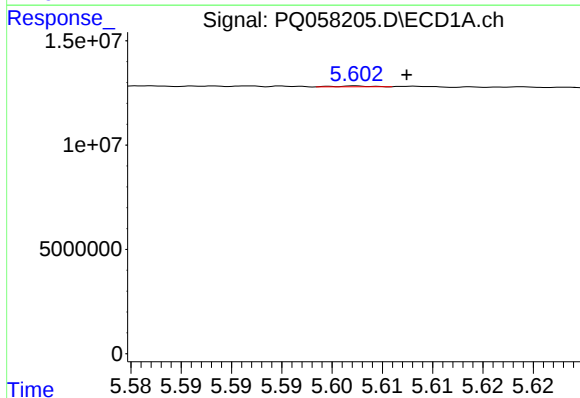
R.T.: 5.078 min
Delta R.T.: 0.006 min
Response: 169435
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



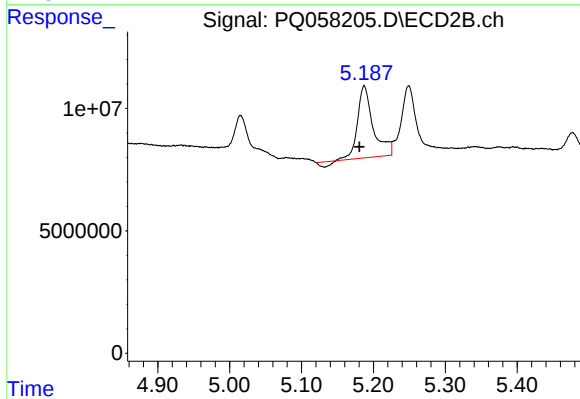
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.438 min
Response: 0
Conc: N.D.



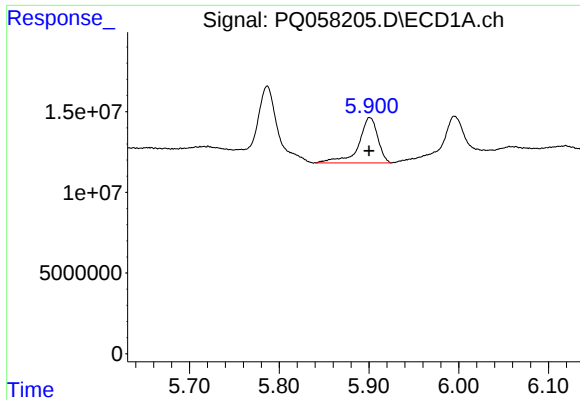
#12 AR-1232-2

R.T.: 5.603 min
Delta R.T.: -0.005 min
Response: 97941
Conc: 0.71 ng/ml



#12 AR-1232-2

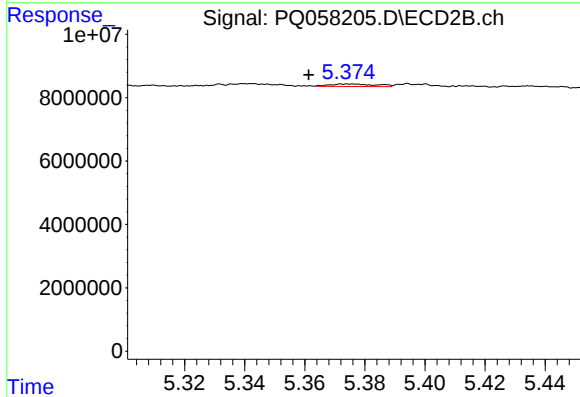
R.T.: 5.187 min
Delta R.T.: 0.007 min
Response: 43044595
Conc: 150.72 ng/ml



#13 AR-1232-3

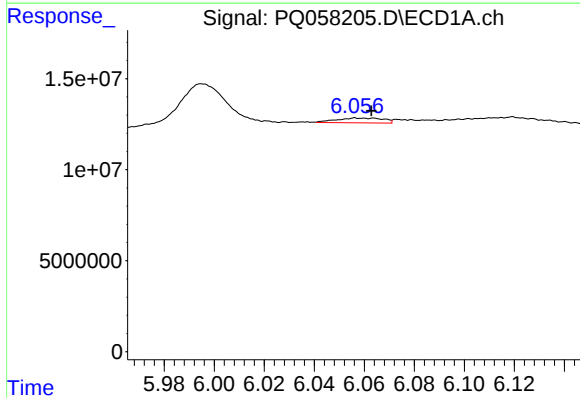
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 41782711
Conc: 152.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



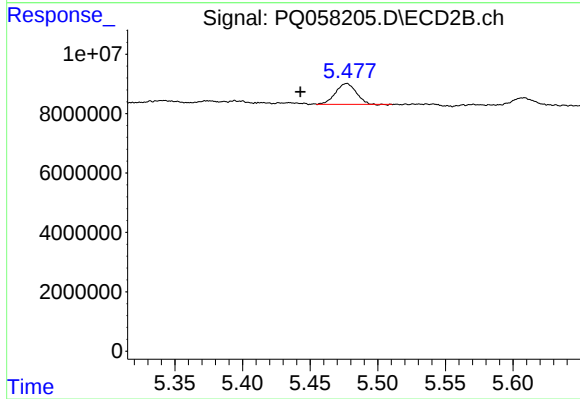
#13 AR-1232-3

R.T.: 5.374 min
Delta R.T.: 0.013 min
Response: 840011
Conc: 5.73 ng/ml



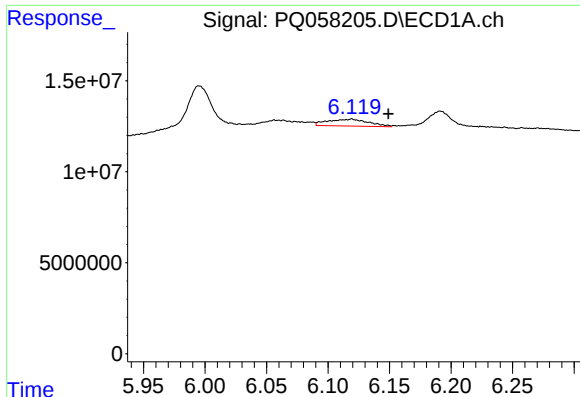
#14 AR-1232-4

R.T.: 6.056 min
Delta R.T.: -0.006 min
Response: 3482245
Conc: 24.83 ng/ml



#14 AR-1232-4

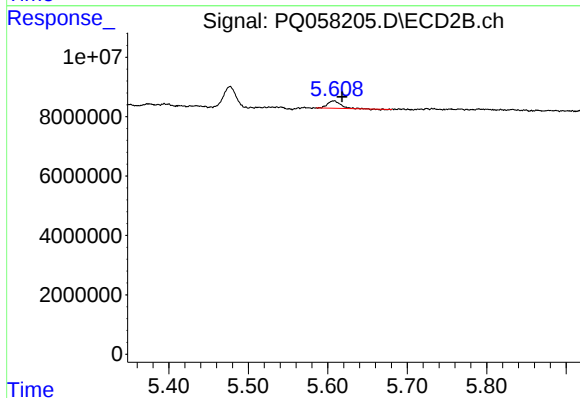
R.T.: 5.477 min
Delta R.T.: 0.034 min
Response: 7392237
Conc: 56.24 ng/ml



#15 AR-1232-5

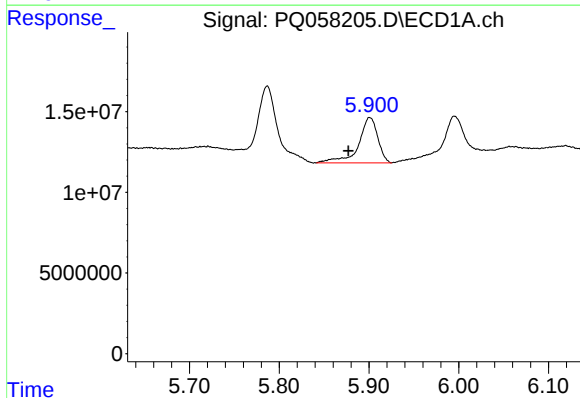
R.T.: 6.119 min
Delta R.T.: -0.030 min
Response: 8748444
Conc: 104.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



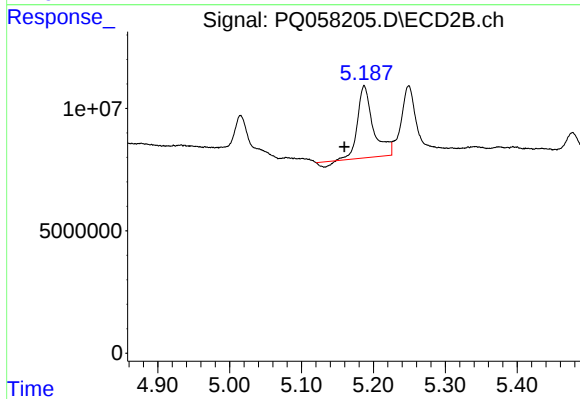
#15 AR-1232-5

R.T.: 5.608 min
Delta R.T.: -0.010 min
Response: 2847638
Conc: 19.31 ng/ml



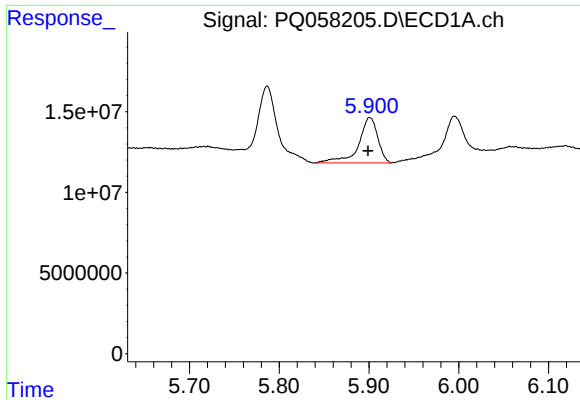
#16 AR-1242-1

R.T.: 5.901 min
Delta R.T.: 0.024 min
Response: 41782711
Conc: 130.89 ng/ml



#16 AR-1242-1

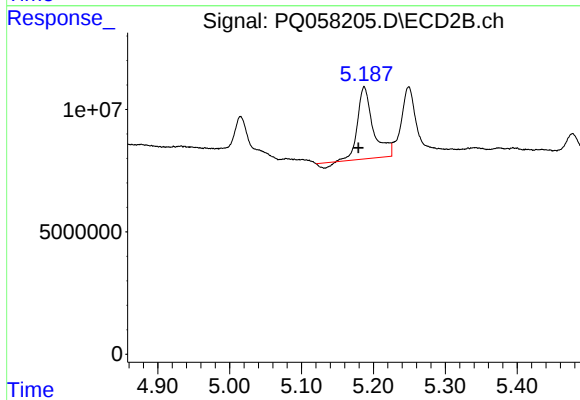
R.T.: 5.187 min
Delta R.T.: 0.028 min
Response: 43044595
Conc: 106.44 ng/ml



#17 AR-1242-2

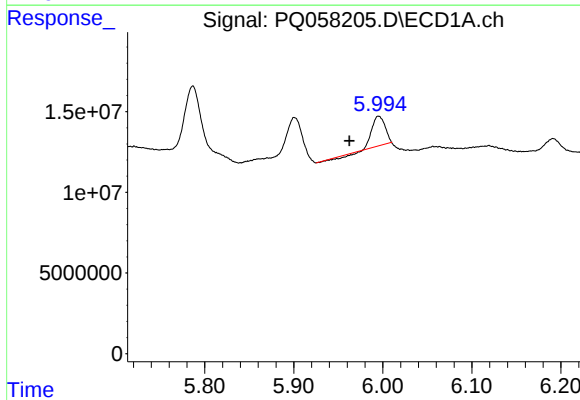
R.T.: 5.901 min
Delta R.T.: 0.002 min
Response: 41782711
Conc: 76.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



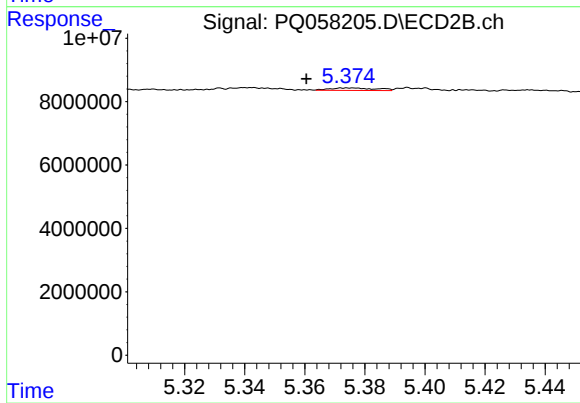
#17 AR-1242-2

R.T.: 5.187 min
Delta R.T.: 0.008 min
Response: 43044595
Conc: 74.55 ng/ml



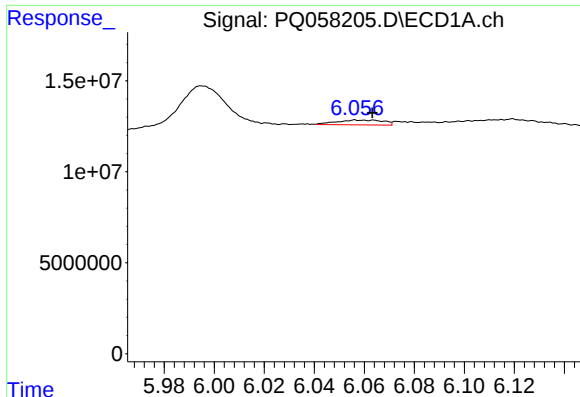
#18 AR-1242-3

R.T.: 5.995 min
Delta R.T.: 0.032 min
Response: 16738836
Conc: 49.77 ng/ml



#18 AR-1242-3

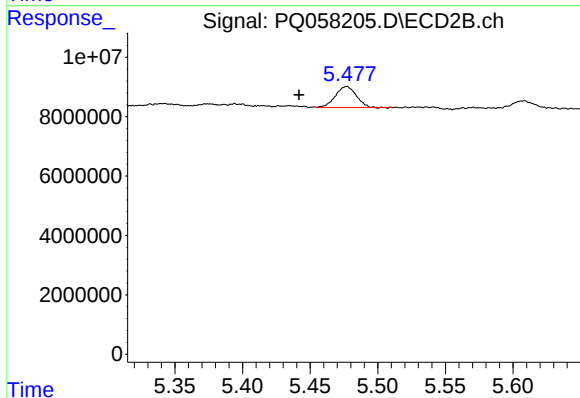
R.T.: 5.374 min
Delta R.T.: 0.014 min
Response: 840011
Conc: 2.78 ng/ml



#19 AR-1242-4

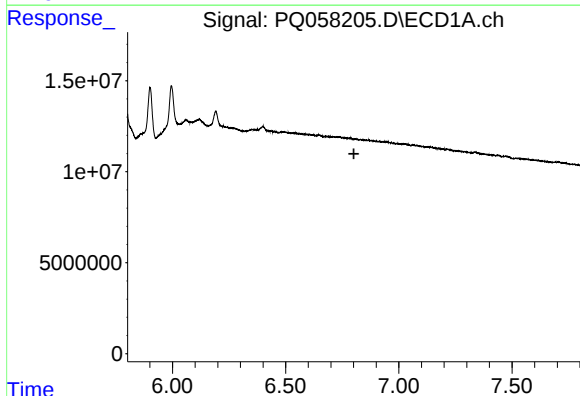
R.T.: 6.056 min
Delta R.T.: -0.007 min
Response: 3482245
Conc: 12.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



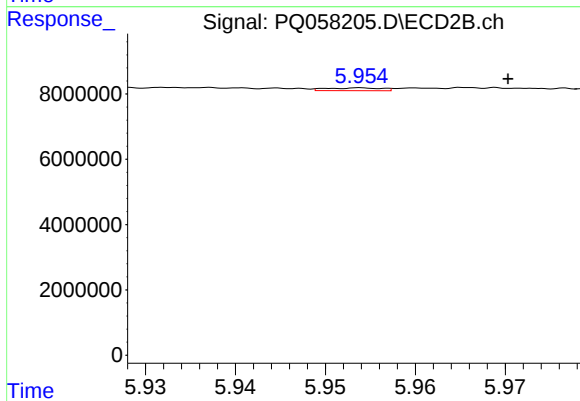
#19 AR-1242-4

R.T.: 5.477 min
Delta R.T.: 0.035 min
Response: 7392237
Conc: 25.23 ng/ml



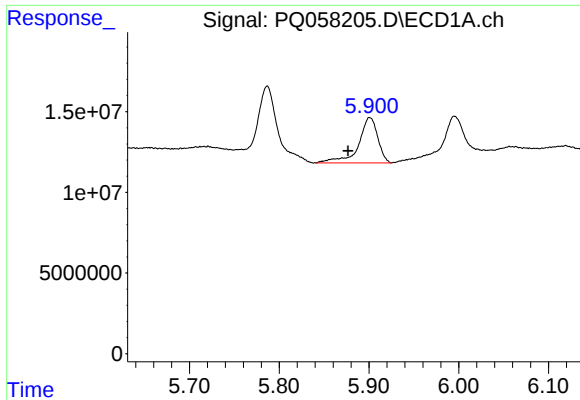
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.801 min
Response: 0
Conc: N.D.



#20 AR-1242-5

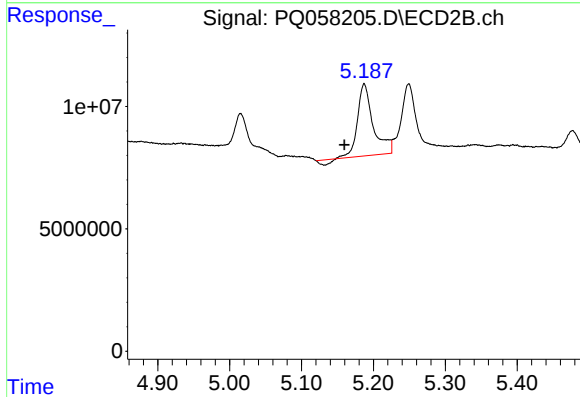
R.T.: 5.954 min
Delta R.T.: -0.016 min
Response: 362633
Conc: 0.97 ng/ml



#21 AR-1248-1

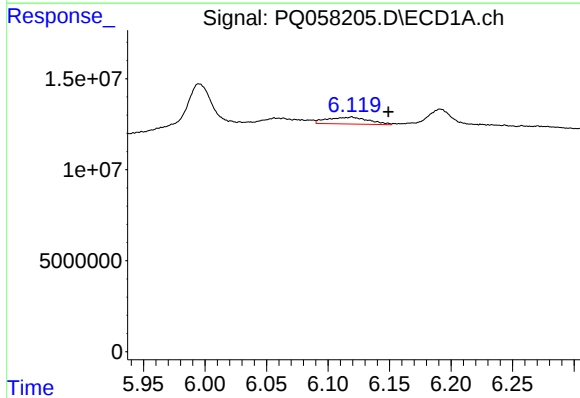
R.T.: 5.901 min
Delta R.T.: 0.024 min
Response: 41782711
Conc: 169.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



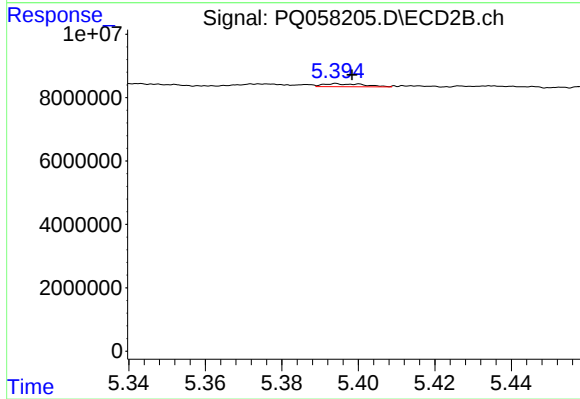
#21 AR-1248-1

R.T.: 5.187 min
Delta R.T.: 0.027 min
Response: 43044595
Conc: 138.09 ng/ml



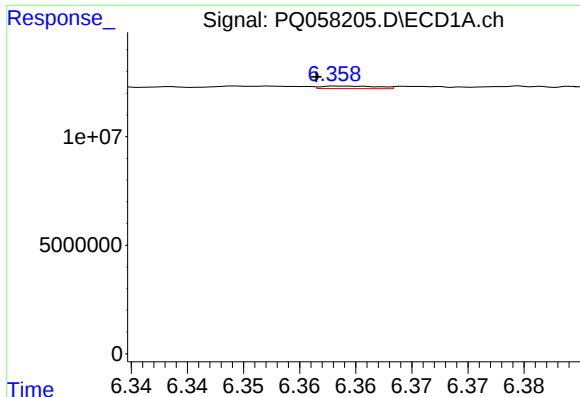
#22 AR-1248-2

R.T.: 6.119 min
Delta R.T.: -0.030 min
Response: 8748444
Conc: 27.04 ng/ml



#22 AR-1248-2

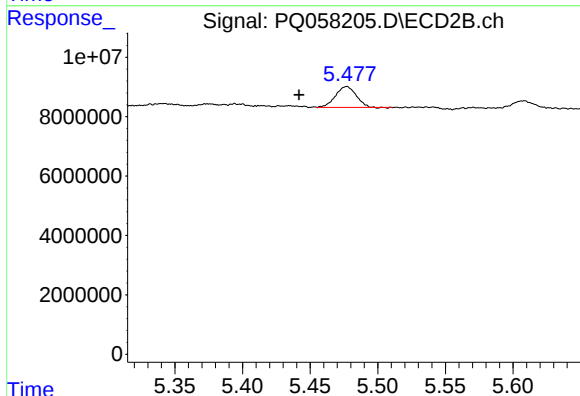
R.T.: 5.394 min
Delta R.T.: -0.004 min
Response: 733267
Conc: 1.74 ng/ml



#23 AR-1248-3

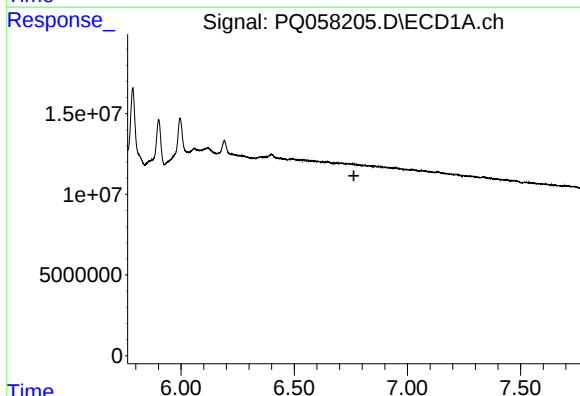
R.T.: 6.359 min
Delta R.T.: 0.003 min
Response: 410726
Conc: 0.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



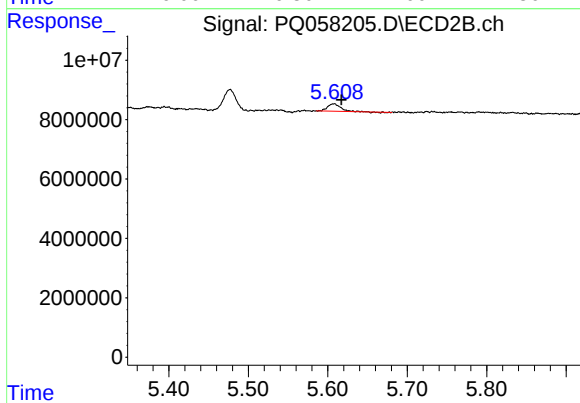
#23 AR-1248-3

R.T.: 5.477 min
Delta R.T.: 0.035 min
Response: 7392237
Conc: 16.79 ng/ml



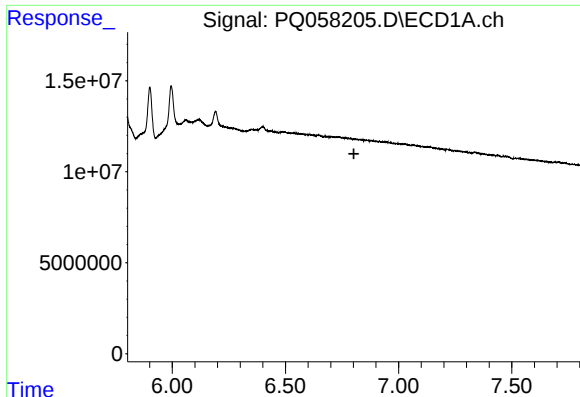
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.764 min
Response: 0
Conc: N.D.



#24 AR-1248-4

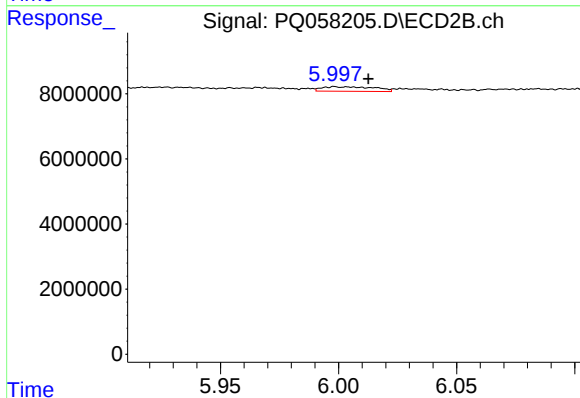
R.T.: 5.608 min
Delta R.T.: -0.009 min
Response: 2847638
Conc: 5.40 ng/ml



#25 AR-1248-5

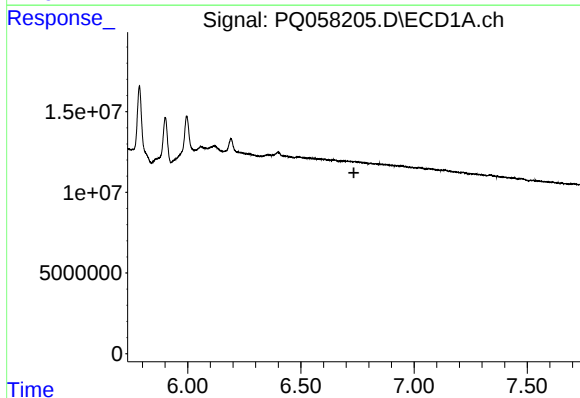
R.T.: 0.000 min
Exp R.T.: 6.802 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



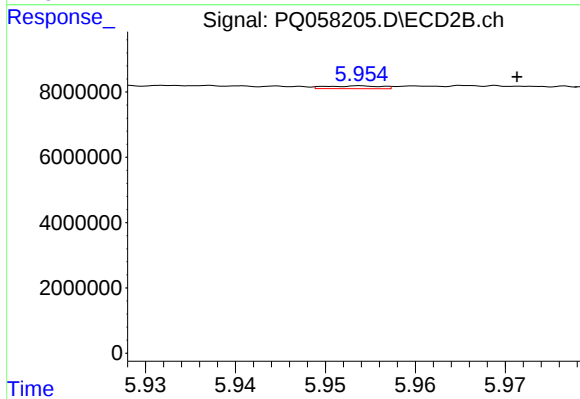
#25 AR-1248-5

R.T.: 5.998 min
Delta R.T.: -0.014 min
Response: 2206693
Conc: 4.20 ng/ml



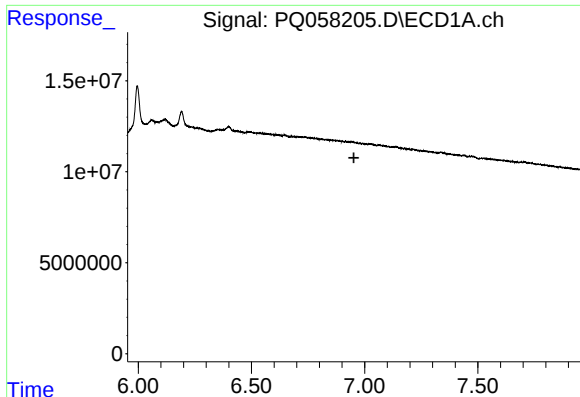
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.734 min
Response: 0
Conc: N.D.



#26 AR-1254-1

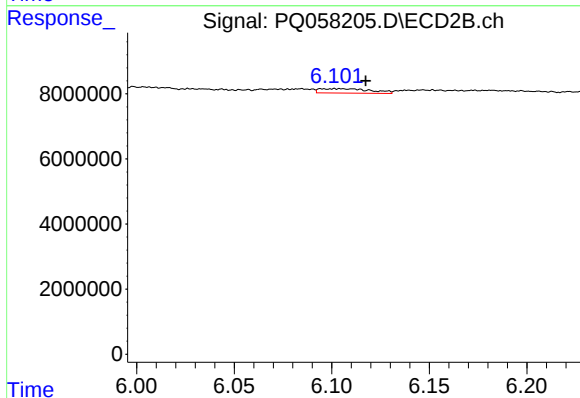
R.T.: 5.954 min
Delta R.T.: -0.017 min
Response: 362633
Conc: 0.45 ng/ml



#27 AR-1254-2

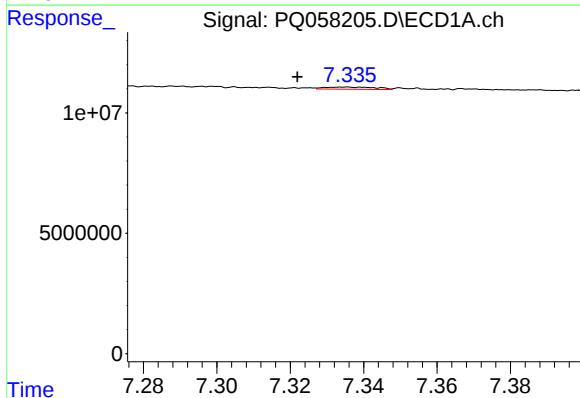
R.T.: 0.000 min
Exp R.T.: 6.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



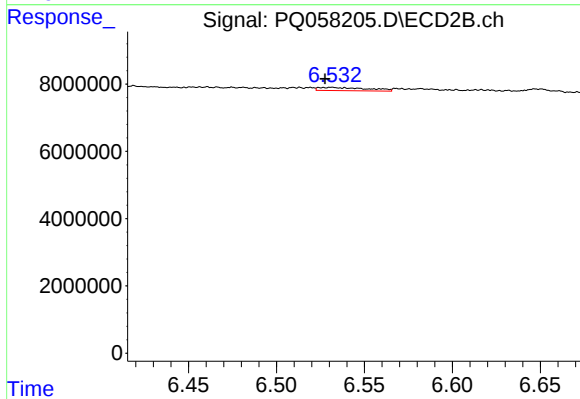
#27 AR-1254-2

R.T.: 6.103 min
Delta R.T.: -0.014 min
Response: 2408306
Conc: 3.47 ng/ml



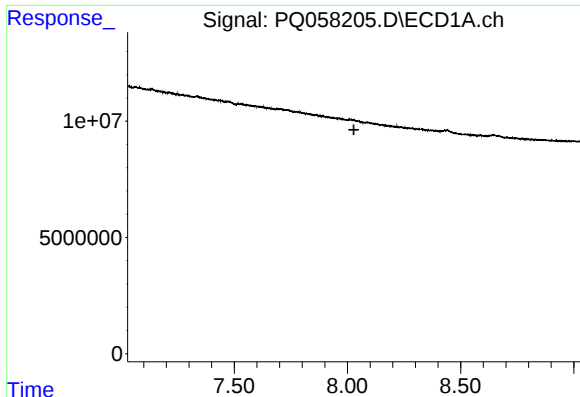
#28 AR-1254-3

R.T.: 7.336 min
Delta R.T.: 0.014 min
Response: 915615
Conc: 1.11 ng/ml



#28 AR-1254-3

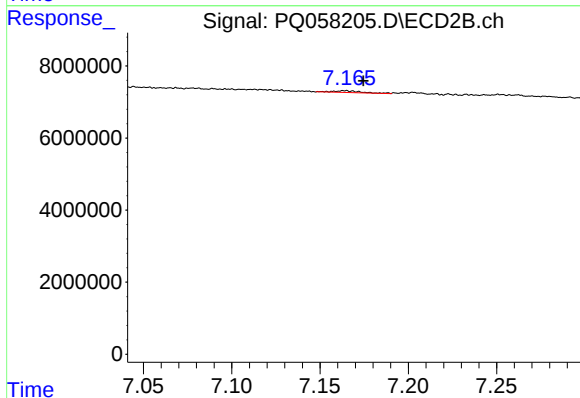
R.T.: 6.532 min
Delta R.T.: 0.004 min
Response: 1831652
Conc: 1.60 ng/ml



#30 AR-1254-5

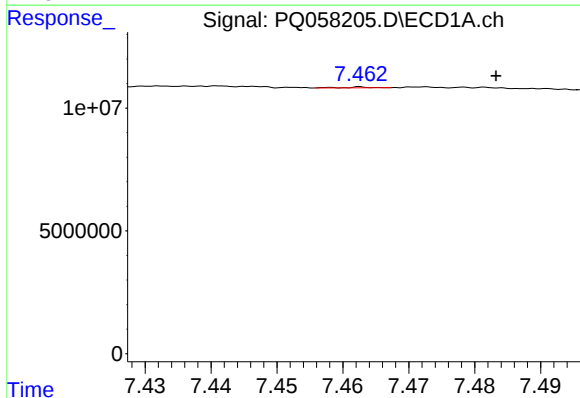
R.T.: 0.000 min
Exp R.T.: 8.029 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



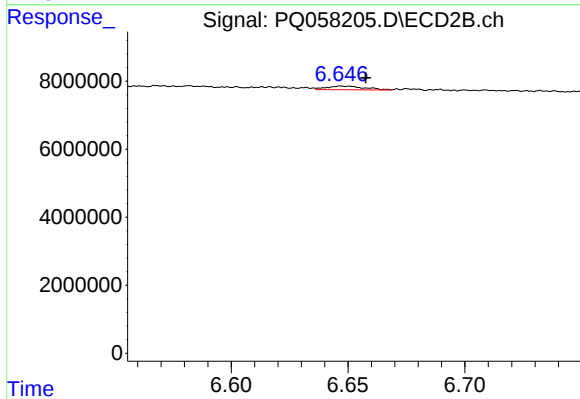
#30 AR-1254-5

R.T.: 7.164 min
Delta R.T.: -0.010 min
Response: 508483
Conc: 0.53 ng/ml



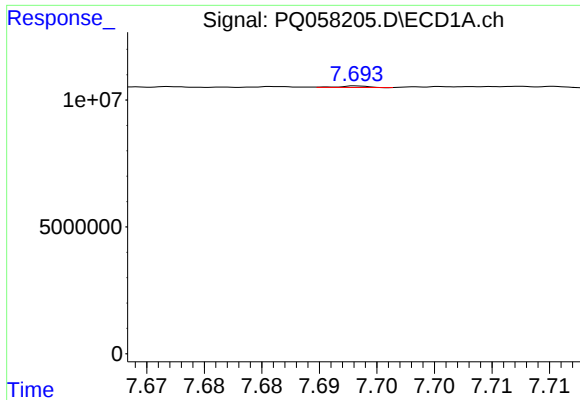
#31 AR-1260-1

R.T.: 7.463 min
Delta R.T.: -0.020 min
Response: 91787
Conc: 0.19 ng/ml



#31 AR-1260-1

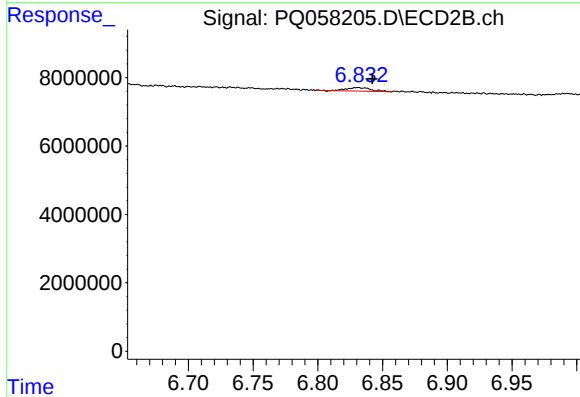
R.T.: 6.648 min
Delta R.T.: -0.010 min
Response: 1206823
Conc: 1.80 ng/ml



#32 AR-1260-2

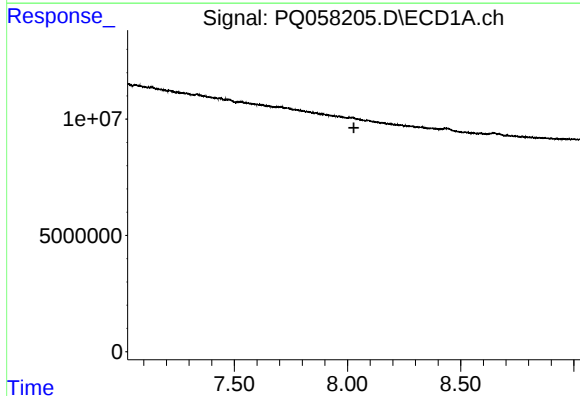
R.T.: 7.693 min
Delta R.T.: -0.047 min
Response: 100455
Conc: 0.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



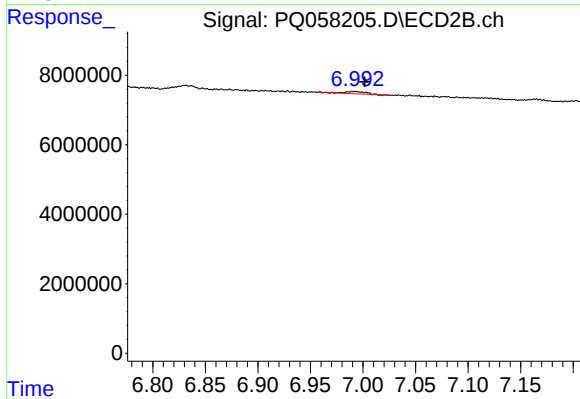
#32 AR-1260-2

R.T.: 6.831 min
Delta R.T.: -0.012 min
Response: 1339938
Conc: 1.67 ng/ml



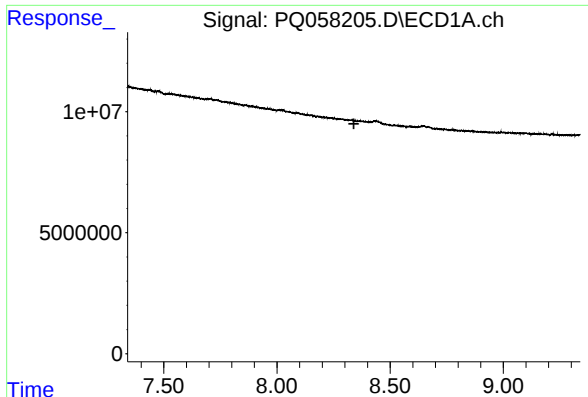
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.028 min
Response: 0
Conc: N.D.



#33 AR-1260-3

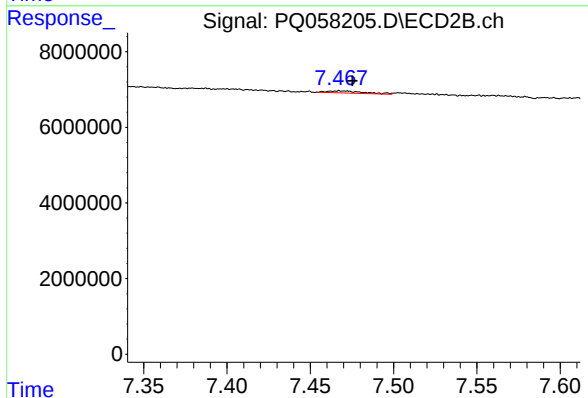
R.T.: 6.992 min
Delta R.T.: -0.009 min
Response: 849322
Conc: 1.12 ng/ml



#34 AR-1260-4

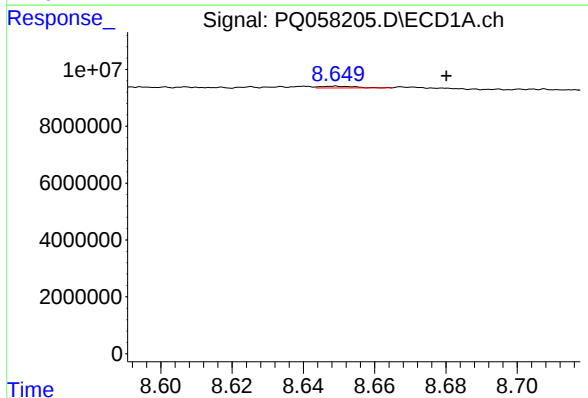
R.T.: 0.000 min
Exp R.T.: 8.340 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



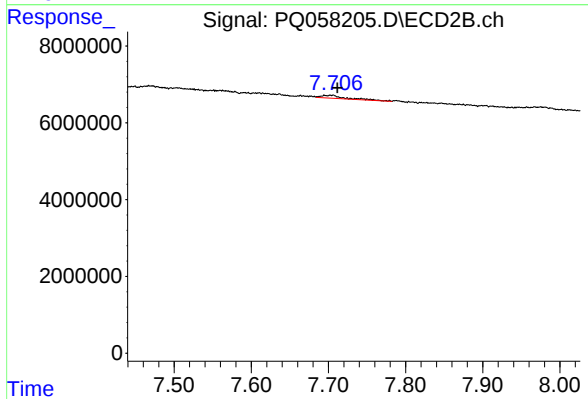
#34 AR-1260-4

R.T.: 7.467 min
Delta R.T.: -0.008 min
Response: 831470
Conc: 1.31 ng/ml



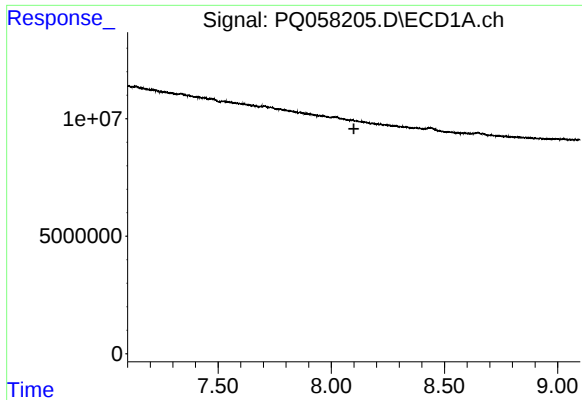
#35 AR-1260-5

R.T.: 8.649 min
Delta R.T.: -0.031 min
Response: 422506
Conc: 0.36 ng/ml



#35 AR-1260-5

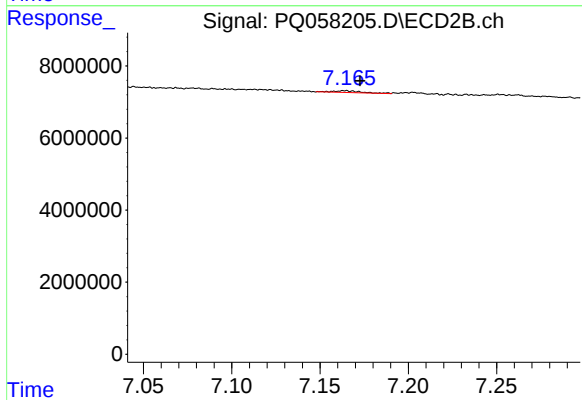
R.T.: 7.696 min
Delta R.T.: -0.016 min
Response: 1599707
Conc: 1.08 ng/ml



#36 AR-1262-1

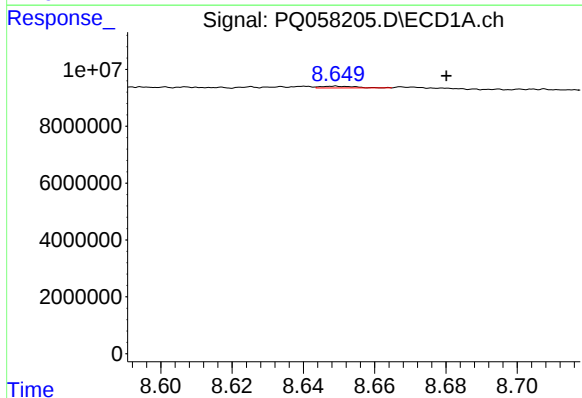
R.T.: 0.000 min
Exp R.T.: 8.100 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



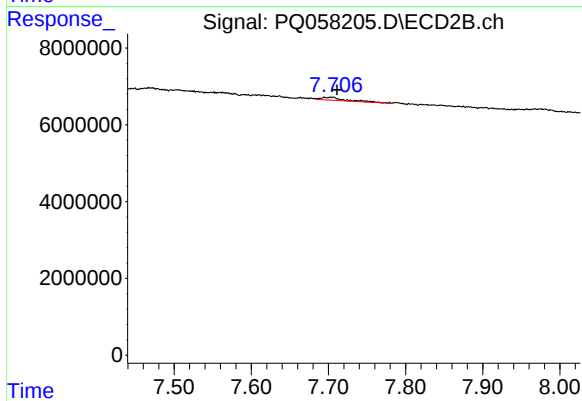
#36 AR-1262-1

R.T.: 7.164 min
Delta R.T.: -0.009 min
Response: 508483
Conc: 1.00 ng/ml



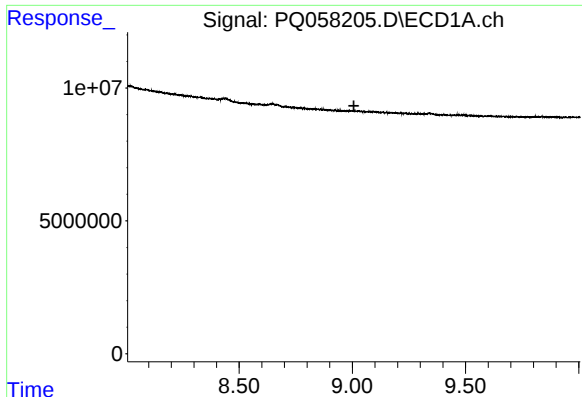
#37 AR-1262-2

R.T.: 8.649 min
Delta R.T.: -0.031 min
Response: 422506
Conc: 0.29 ng/ml



#37 AR-1262-2

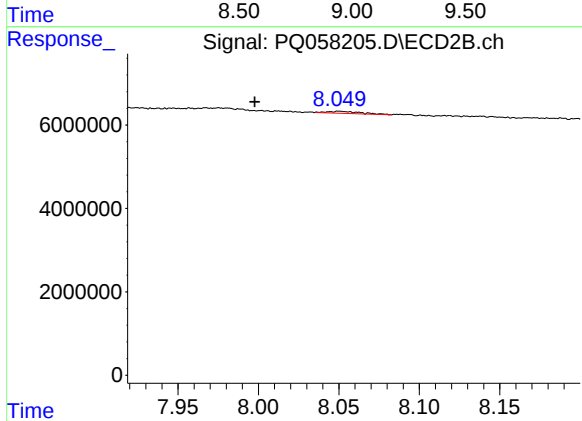
R.T.: 7.696 min
Delta R.T.: -0.015 min
Response: 1599707
Conc: 0.91 ng/ml



#38 AR-1262-3

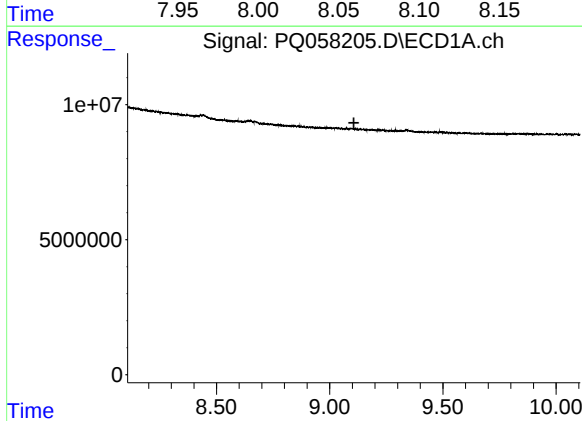
R.T.: 0.000 min
Exp R.T.: 9.007 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



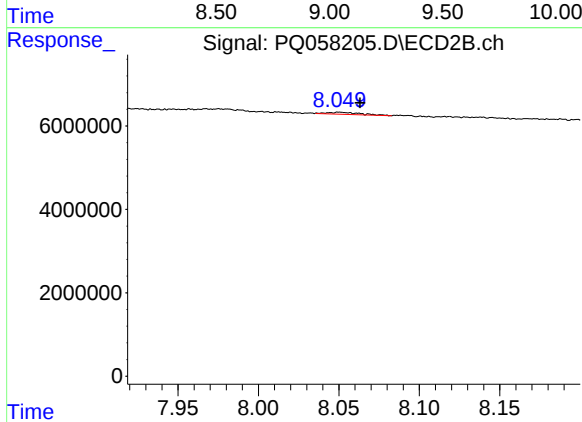
#38 AR-1262-3

R.T.: 8.050 min
Delta R.T.: 0.053 min
Response: 673926
Conc: 1.00 ng/ml



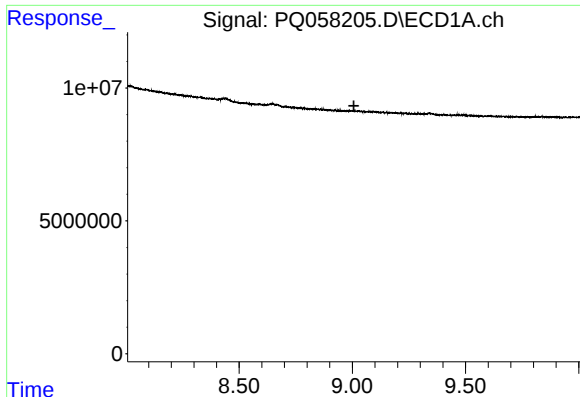
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.107 min
Response: 0
Conc: N.D.



#39 AR-1262-4

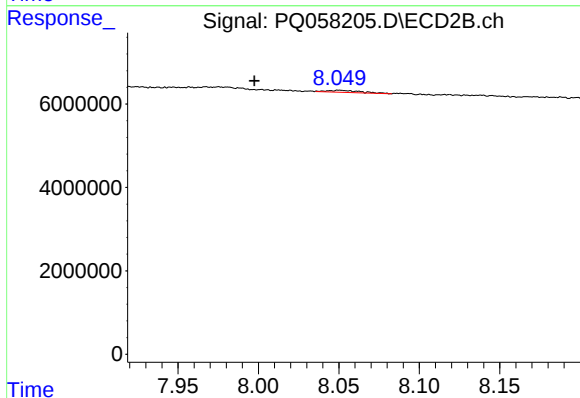
R.T.: 8.050 min
Delta R.T.: -0.013 min
Response: 673926
Conc: 0.54 ng/ml



#41 AR-1268-1

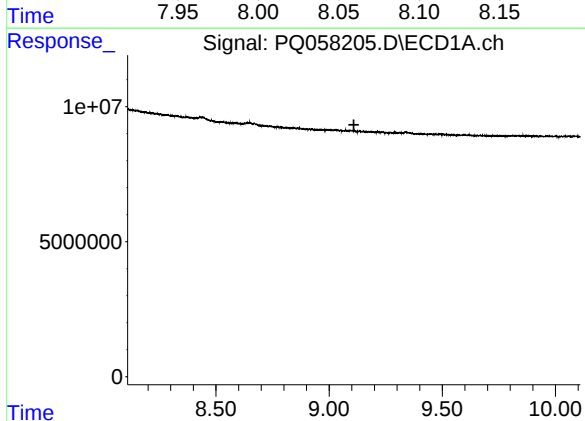
R.T.: 0.000 min
Exp R.T.: 9.007 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



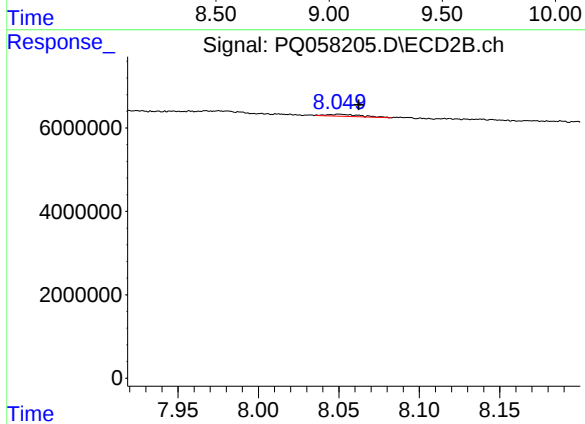
#41 AR-1268-1

R.T.: 8.050 min
Delta R.T.: 0.053 min
Response: 673926
Conc: 0.34 ng/ml



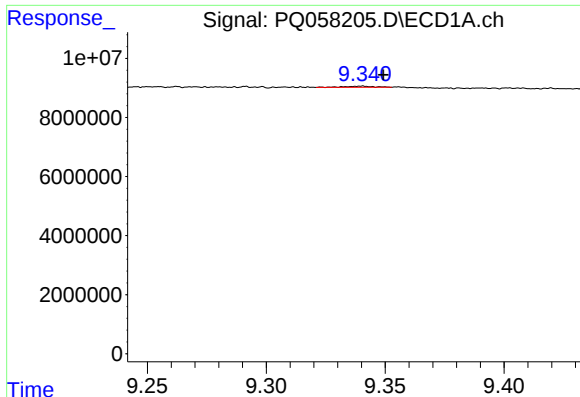
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.109 min
Response: 0
Conc: N.D.



#42 AR-1268-2

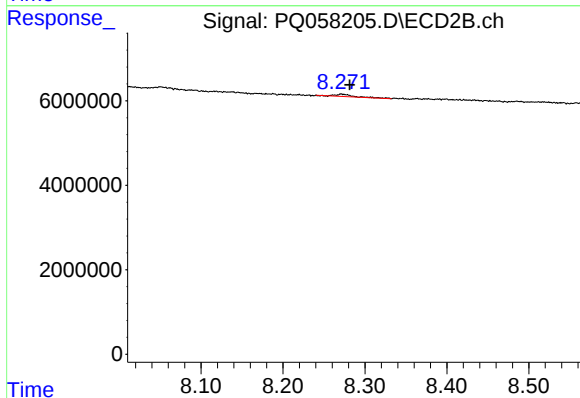
R.T.: 8.050 min
Delta R.T.: -0.012 min
Response: 673926
Conc: 0.37 ng/ml



#43 AR-1268-3

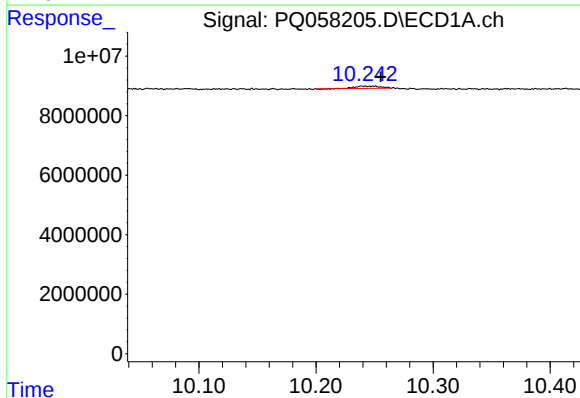
R.T.: 9.341 min
Delta R.T.: -0.009 min
Response: 318810
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



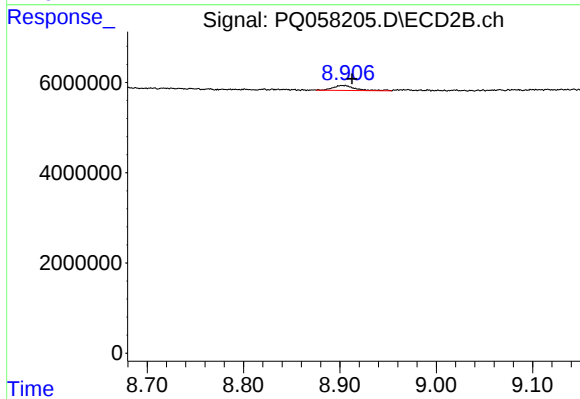
#43 AR-1268-3

R.T.: 8.271 min
Delta R.T.: -0.010 min
Response: 751302
Conc: 0.48 ng/ml



#45 AR-1268-5

R.T.: 10.239 min
Delta R.T.: -0.017 min
Response: 1041705
Conc: 0.19 ng/ml



#45 AR-1268-5

R.T.: 8.903 min
Delta R.T.: -0.010 min
Response: 1699292
Conc: 0.38 ng/ml