

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082719\
 Data File : PQ043011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2019 05:25
 Operator : SM\AJ
 Sample : K4480-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF3Q0

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 06:57:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 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...	5.632	4.693	59160343	56471675	22.103	24.397
2)	SA Decachlor...	11.982	10.423	205.6E6	167.1E6	24.352	24.873
Target Compounds							
3)	L1 AR-1016-1	7.143	0.000	7833861	0	75.405	N.D. #
4)	L1 AR-1016-2	7.143	0.000	7833861	0	49.138	N.D. #
5)	L1 AR-1016-3	7.181	0.000	3011076	0	29.639	N.D. #
6)	L1 AR-1016-4	7.353	6.475	4336414	780942	54.126	11.241 #
7)	L1 AR-1016-5	7.651	6.706	3251112	568997	39.687	6.315 #
8)	L2 AR-1221-1	5.918	0.000	501239	0	14.795	N.D. #
9)	L2 AR-1221-2	6.029	5.110	1915828	886828	81.049	35.283 #
10)	L2 AR-1221-3	6.062	0.000	2415076	0	29.287	N.D. #
11)	L3 AR-1232-1	6.062	0.000	2415076	0	33.798	N.D. #
13)	L3 AR-1232-3	7.143	0.000	7833861	0	94.457	N.D. #
14)	L3 AR-1232-4	7.353	6.475	4336414	780942	100.732	18.217 #
15)	L3 AR-1232-5	7.353	6.706	4336414	568997	151.576	12.578 #
16)	L4 AR-1242-1	7.143	0.000	7833861	0	76.994	N.D. #
17)	L4 AR-1242-2	7.143	0.000	7833861	0	51.427	N.D. #
18)	L4 AR-1242-3	7.181	0.000	3011076	0	31.554	N.D. #
19)	L4 AR-1242-4	7.353	6.475	4336414	780942	56.333	9.362 #
20)	L4 AR-1242-5	8.045	7.091	-268523	487798	N.D.	4.281 #
21)	L5 AR-1248-1	7.143	0.000	7833861	0	99.104	N.D. #
22)	L5 AR-1248-2	7.353	6.475	4336414	780942	38.314	6.597 #
23)	L5 AR-1248-3	7.651	6.475	3251112	780942	24.047	6.466 #
24)	L5 AR-1248-4	8.045	6.706	-268523	568997	N.D.	3.885 #
25)	L5 AR-1248-5	8.045	7.136	-268523	613249	N.D.	3.937 #
26)	L6 AR-1254-1	8.045	7.091	-268523	487798	N.D.	1.989 #
28)	L6 AR-1254-3	8.671	7.722	1250447	2670904	4.152	7.106 #
29)	L6 AR-1254-4	8.975	0.000	2722851	0	11.952	N.D. #
30)	L6 AR-1254-5	9.362	0.000	337739	0	1.247	N.D. #
31)	L7 AR-1260-1	8.885	0.000	702237	0	3.920	N.D. #
32)	L7 AR-1260-2	9.071	8.049	983085	787695	4.180	3.094 #
33)	L7 AR-1260-3	9.501	8.277	1157903	960788	5.419	4.217
34)	L7 AR-1260-4	9.725	0.000	1081256	0	4.586	N.D. #
35)	L7 AR-1260-5	10.064	8.975	1022991	1883714	1.795	3.230 #
36)	L8 AR-1262-1	9.501	0.000	1157903	0	2.882	N.D. #
37)	L8 AR-1262-2	10.064	8.975	1022991	1883714	1.279	2.181 #
38)	L8 AR-1262-3	10.395	9.254	877176	1421805	1.481	3.795 #
39)	L8 AR-1262-4	10.508	9.386	1024386	374687	2.057	0.546 #
40)	L8 AR-1262-5	11.190	9.837	21993766	2228269	58.946	6.781 #
41)	L9 AR-1268-1	10.395	9.254	877176	1421805	0.816	1.328 #
42)	L9 AR-1268-2	10.508	9.386	1024386	374687	0.976	0.365 #
43)	L9 AR-1268-3	10.736	9.536	1679247	1870135	1.754	2.120
44)	L9 AR-1268-4	11.190	9.837	21993766	2228269	54.829	6.254 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082719\
Data File : PQ043011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2019 05:25
Operator : SM\AJ
Sample : K4480-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

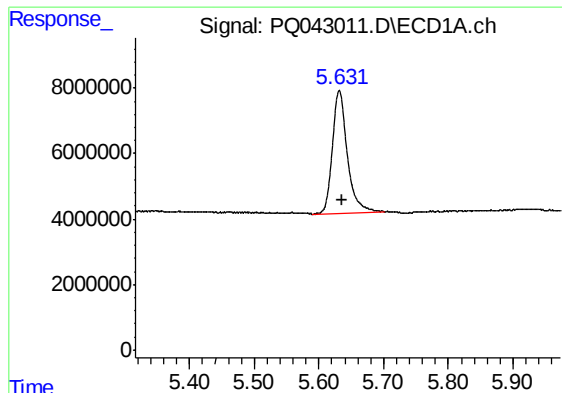
Instrument :
ECD_Q
ClientSampleId :
BF3Q0

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 06:57:06 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 26 05:38:16 2019
Response via : Initial Calibration
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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	11.631	10.154	1723739	1187828	0.516	0.425

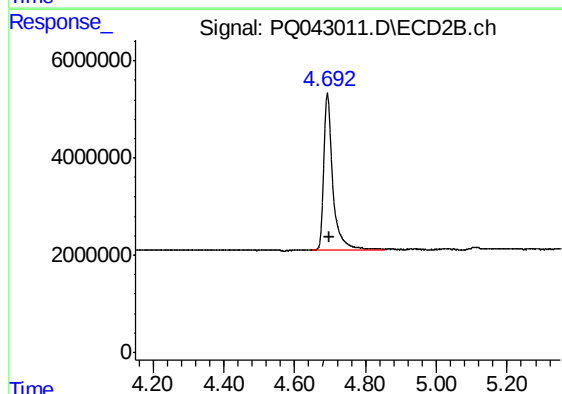
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

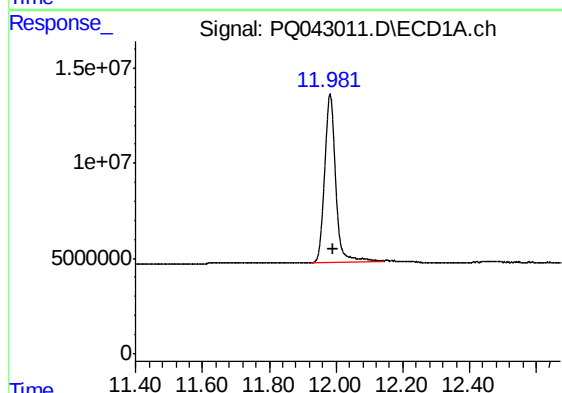
R.T.: 5.632 min
Delta R.T.: -0.004 min
Response: 59160343
Conc: 22.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



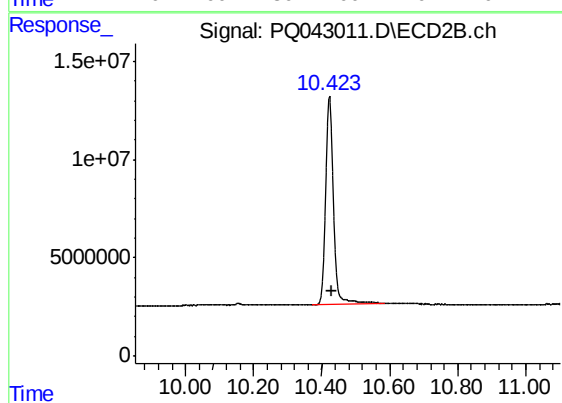
#1 Tetrachloro-m-xylene

R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 56471675
Conc: 24.40 ng/ml



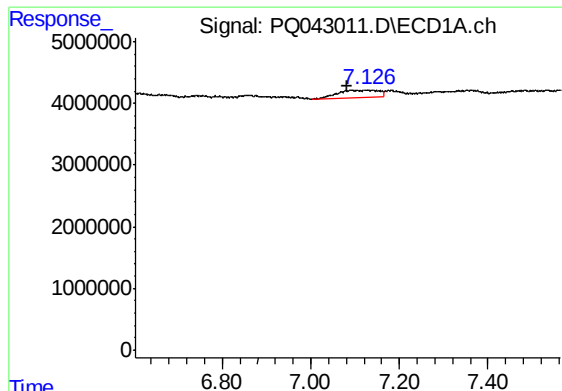
#2 Decachlorobiphenyl

R.T.: 11.982 min
Delta R.T.: -0.011 min
Response: 205582894
Conc: 24.35 ng/ml



#2 Decachlorobiphenyl

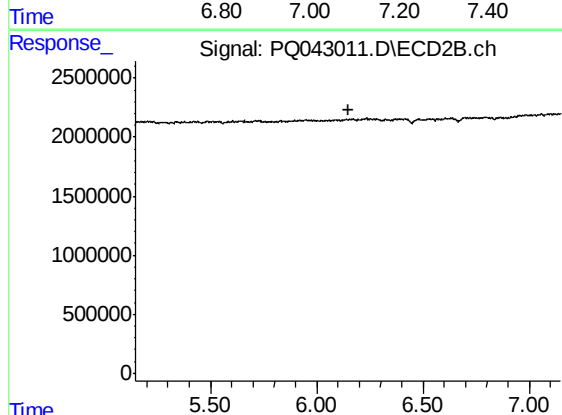
R.T.: 10.423 min
Delta R.T.: -0.008 min
Response: 167088677
Conc: 24.87 ng/ml



#3 AR-1016-1

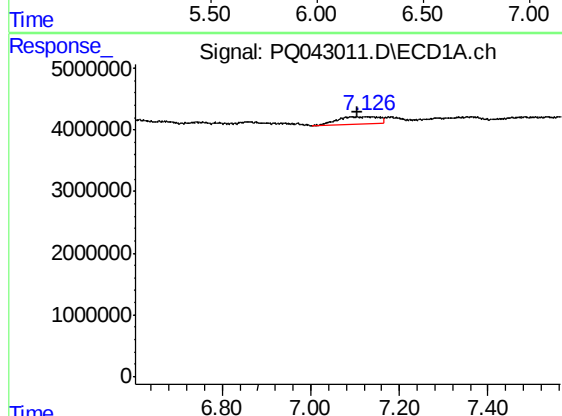
R.T.: 7.143 min
Delta R.T.: 0.060 min
Response: 7833861
Conc: 75.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



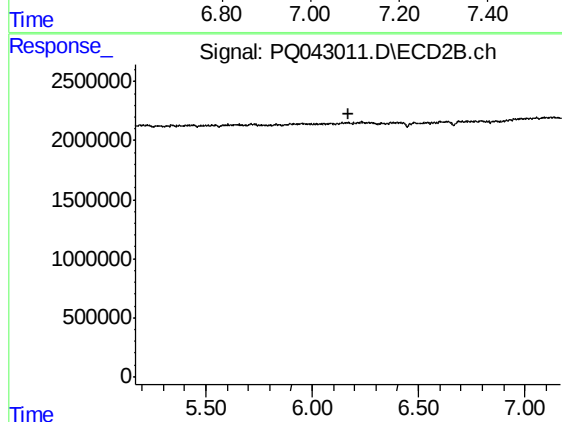
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.147 min
Response: 0
Conc: N.D.



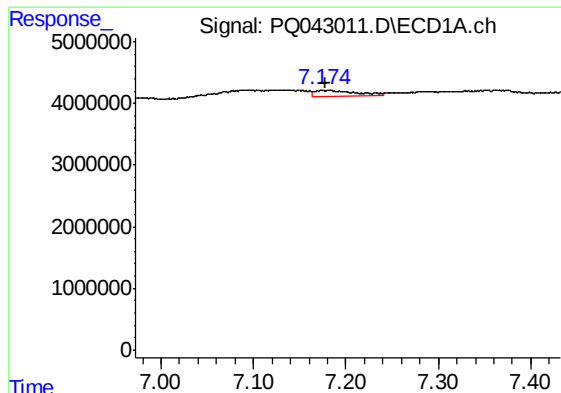
#4 AR-1016-2

R.T.: 7.143 min
Delta R.T.: 0.036 min
Response: 7833861
Conc: 49.14 ng/ml



#4 AR-1016-2

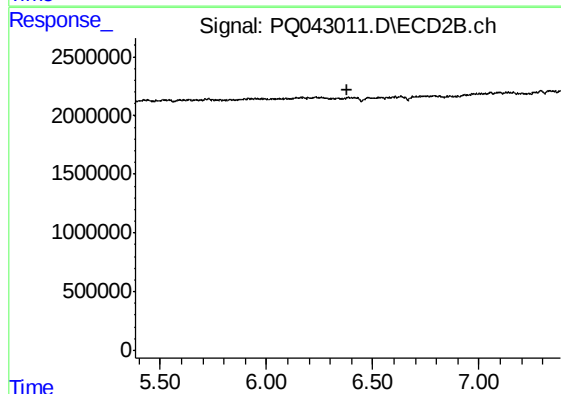
R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



#5 AR-1016-3

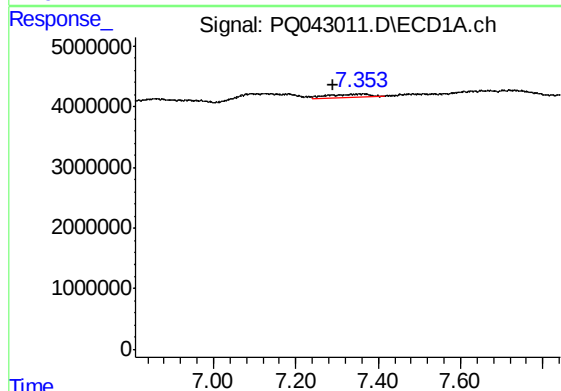
R.T.: 7.181 min
Delta R.T.: 0.002 min
Response: 3011076
Conc: 29.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



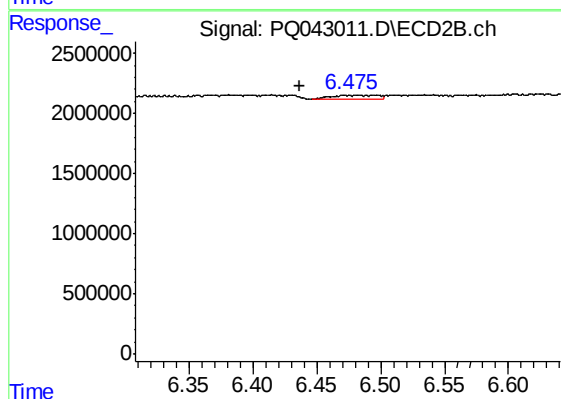
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.



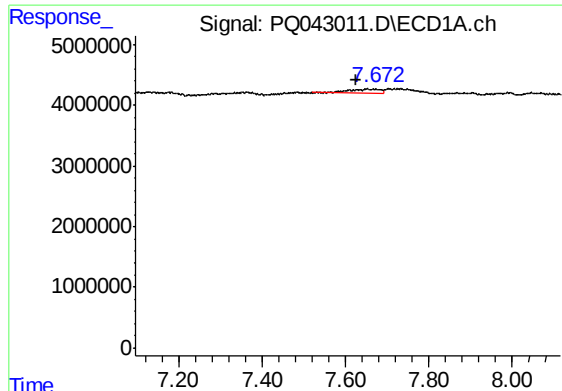
#6 AR-1016-4

R.T.: 7.353 min
Delta R.T.: 0.061 min
Response: 4336414
Conc: 54.13 ng/ml



#6 AR-1016-4

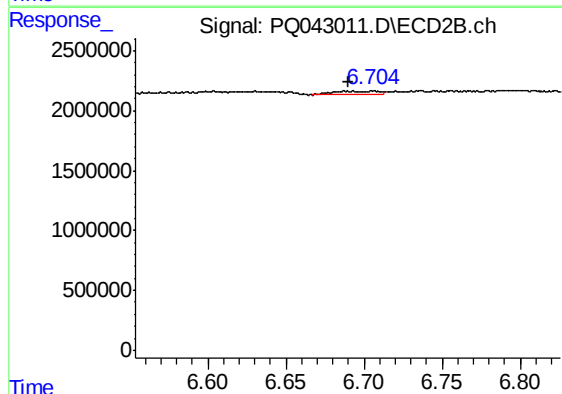
R.T.: 6.475 min
Delta R.T.: 0.038 min
Response: 780942
Conc: 11.24 ng/ml



#7 AR-1016-5

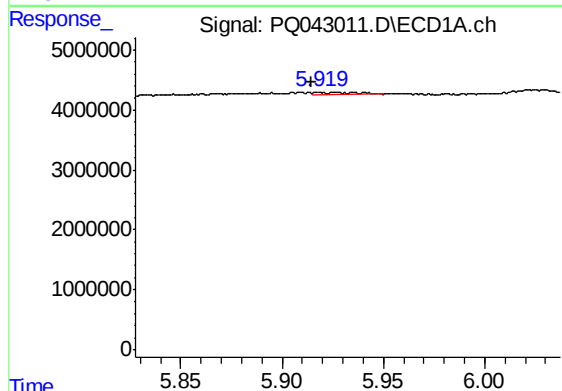
R.T.: 7.651 min
Delta R.T.: 0.027 min
Response: 3251112
Conc: 39.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



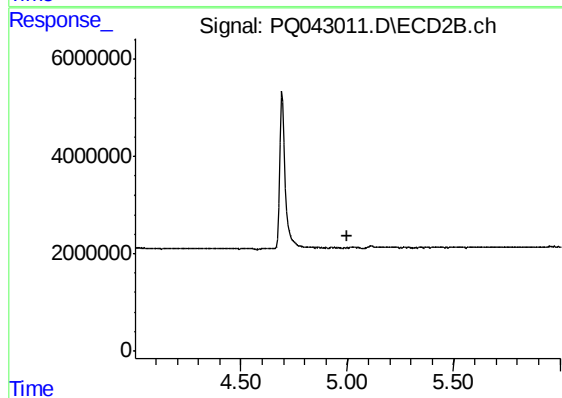
#7 AR-1016-5

R.T.: 6.706 min
Delta R.T.: 0.016 min
Response: 568997
Conc: 6.31 ng/ml



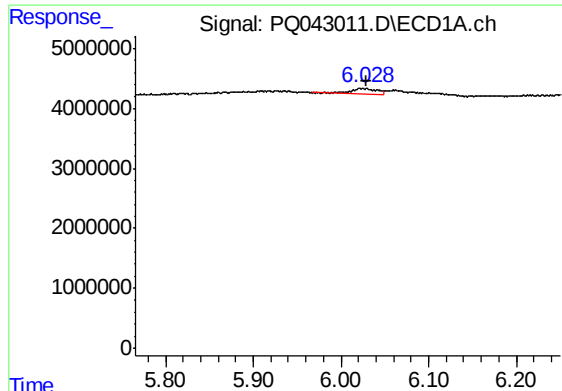
#8 AR-1221-1

R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 501239
Conc: 14.80 ng/ml



#8 AR-1221-1

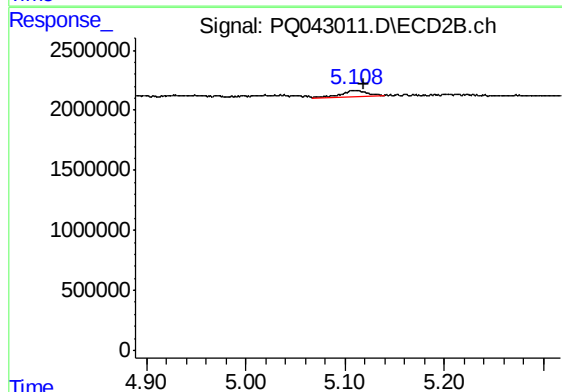
R.T.: 0.000 min
Exp R.T. : 5.003 min
Response: 0
Conc: N.D.



#9 AR-1221-2

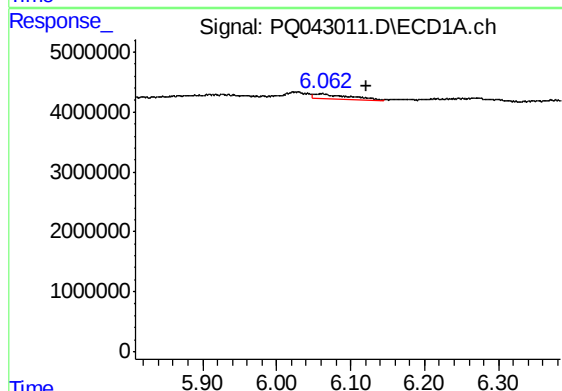
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 1915828
Conc: 81.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



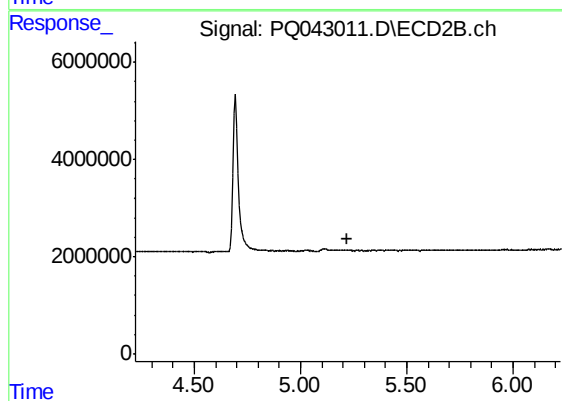
#9 AR-1221-2

R.T.: 5.110 min
Delta R.T.: -0.010 min
Response: 886828
Conc: 35.28 ng/ml



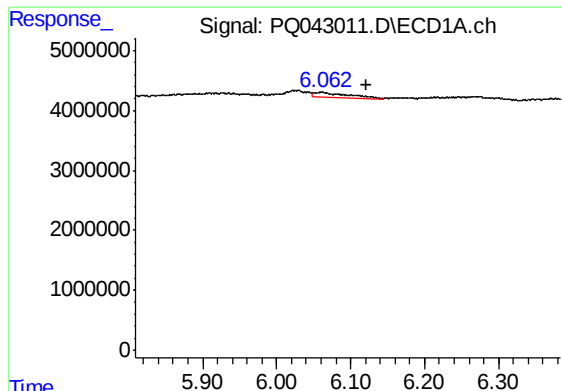
#10 AR-1221-3

R.T.: 6.062 min
Delta R.T.: -0.060 min
Response: 2415076
Conc: 29.29 ng/ml



#10 AR-1221-3

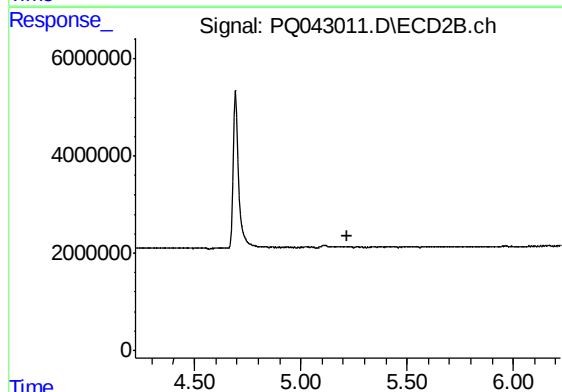
R.T.: 0.000 min
Exp R.T. : 5.223 min
Response: 0
Conc: N.D.



#11 AR-1232-1

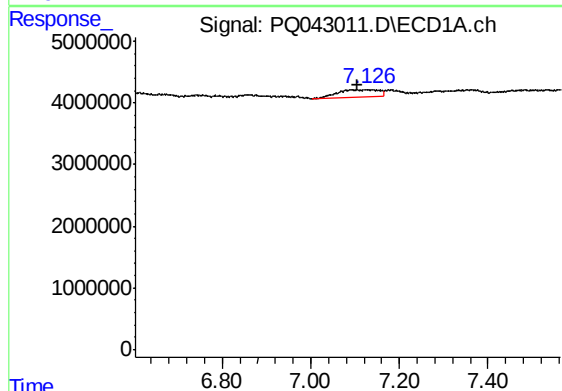
R.T.: 6.062 min
Delta R.T.: -0.059 min
Response: 2415076
Conc: 33.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



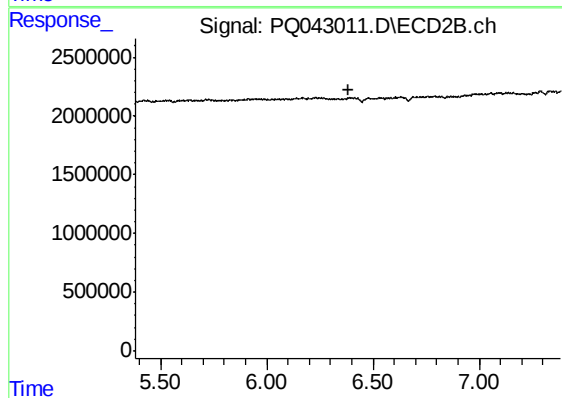
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.222 min
Response: 0
Conc: N.D.



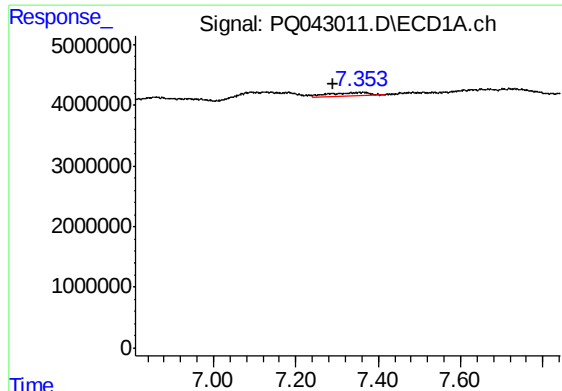
#13 AR-1232-3

R.T.: 7.143 min
Delta R.T.: 0.036 min
Response: 7833861
Conc: 94.46 ng/ml



#13 AR-1232-3

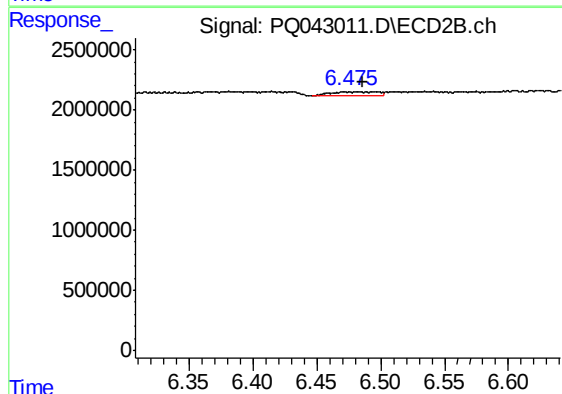
R.T.: 0.000 min
Exp R.T. : 6.382 min
Response: 0
Conc: N.D.



#14 AR-1232-4

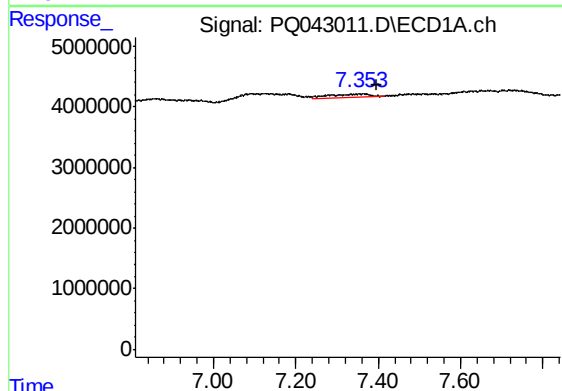
R.T.: 7.353 min
Delta R.T.: 0.061 min
Response: 4336414
Conc: 100.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



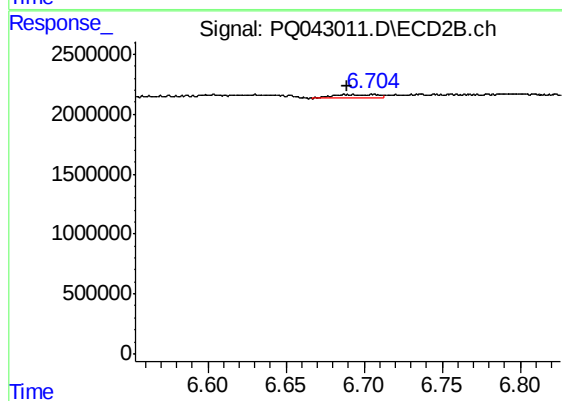
#14 AR-1232-4

R.T.: 6.475 min
Delta R.T.: -0.011 min
Response: 780942
Conc: 18.22 ng/ml



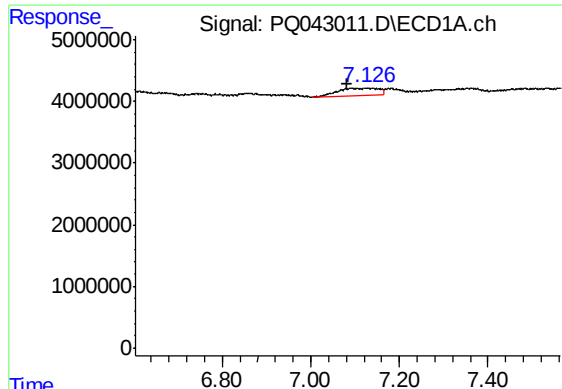
#15 AR-1232-5

R.T.: 7.353 min
Delta R.T.: -0.045 min
Response: 4336414
Conc: 151.58 ng/ml



#15 AR-1232-5

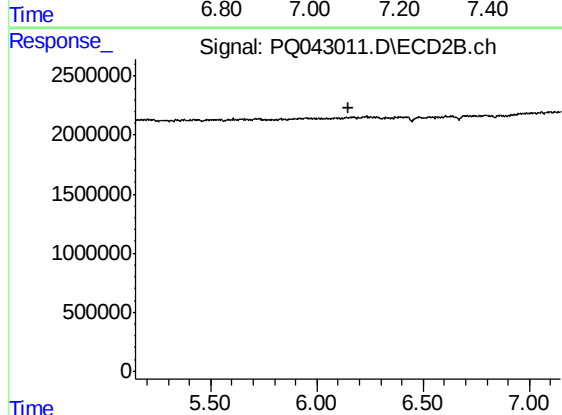
R.T.: 6.706 min
Delta R.T.: 0.017 min
Response: 568997
Conc: 12.58 ng/ml



#16 AR-1242-1

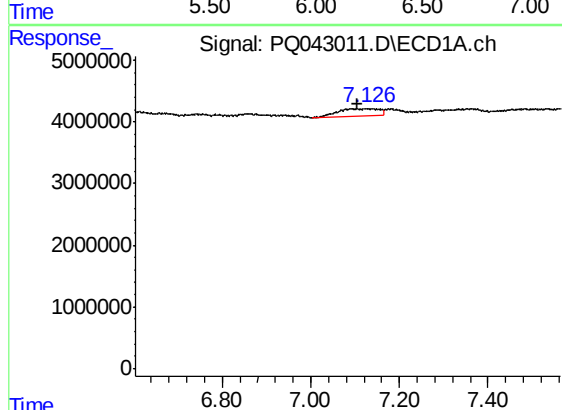
R.T.: 7.143 min
Delta R.T.: 0.062 min
Response: 7833861
Conc: 76.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



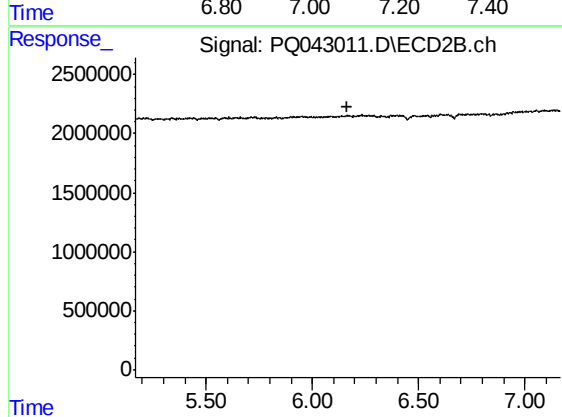
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.146 min
Response: 0
Conc: N.D.



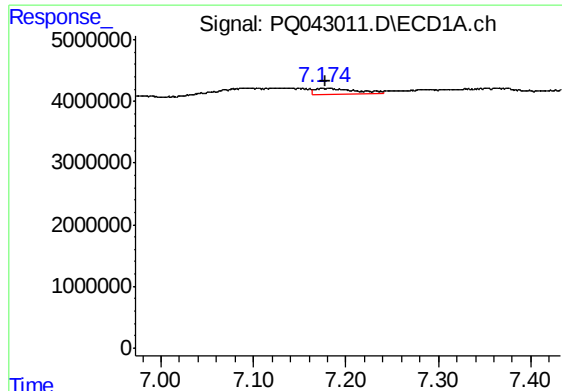
#17 AR-1242-2

R.T.: 7.143 min
Delta R.T.: 0.037 min
Response: 7833861
Conc: 51.43 ng/ml



#17 AR-1242-2

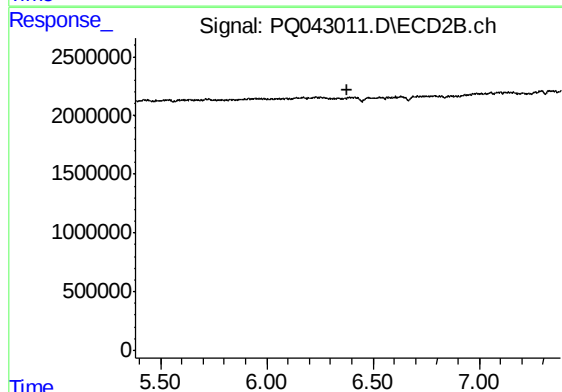
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.



#18 AR-1242-3

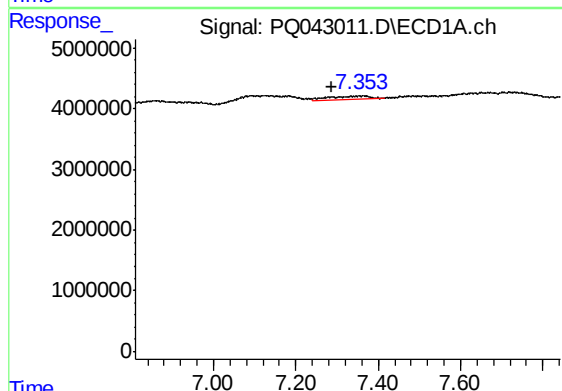
R.T.: 7.181 min
Delta R.T.: 0.003 min
Response: 3011076
Conc: 31.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



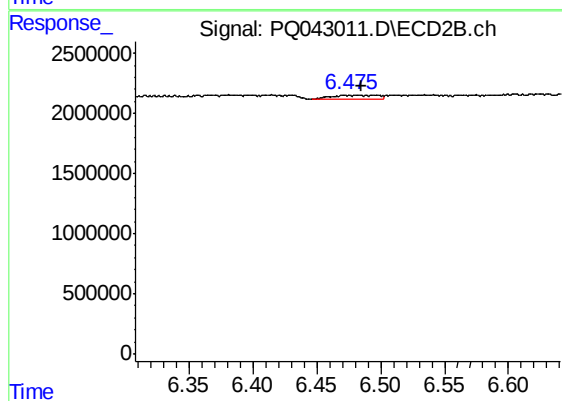
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.381 min
Response: 0
Conc: N.D.



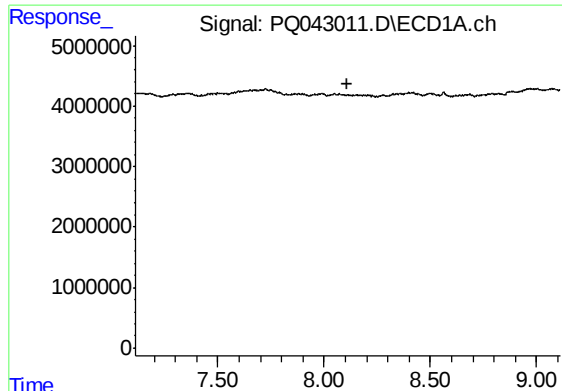
#19 AR-1242-4

R.T.: 7.353 min
Delta R.T.: 0.064 min
Response: 4336414
Conc: 56.33 ng/ml



#19 AR-1242-4

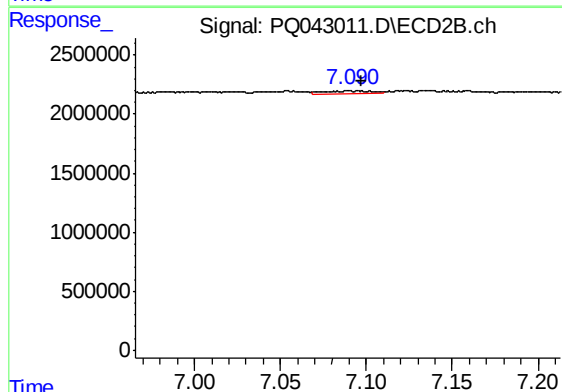
R.T.: 6.475 min
Delta R.T.: -0.010 min
Response: 780942
Conc: 9.36 ng/ml



#20 AR-1242-5

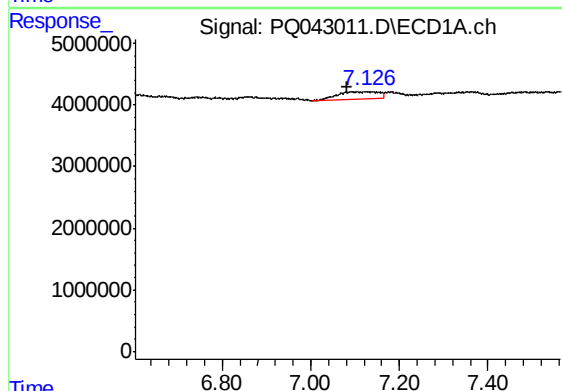
R.T.: 8.045 min
Delta R.T.: -0.067 min
Response: -268523
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



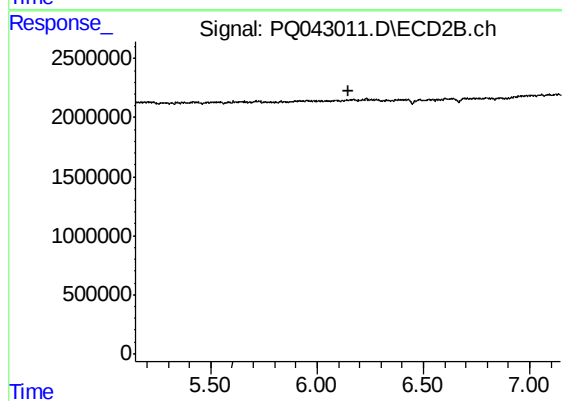
#20 AR-1242-5

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 487798
Conc: 4.28 ng/ml



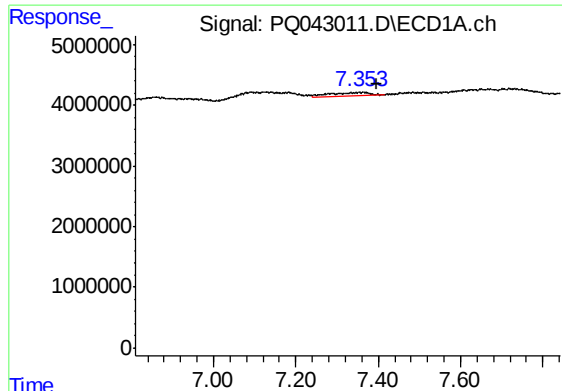
#21 AR-1248-1

R.T.: 7.143 min
Delta R.T.: 0.061 min
Response: 7833861
Conc: 99.10 ng/ml



#21 AR-1248-1

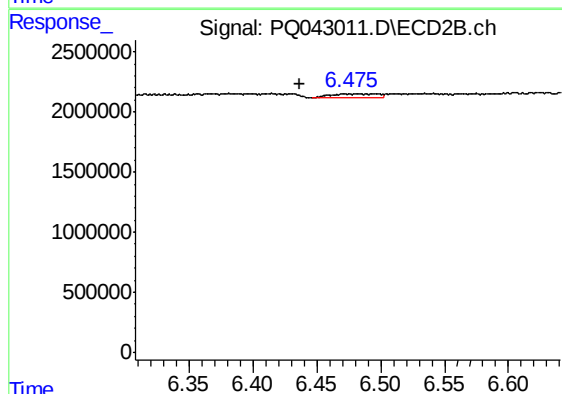
R.T.: 0.000 min
Exp R.T. : 6.145 min
Response: 0
Conc: N.D.



#22 AR-1248-2

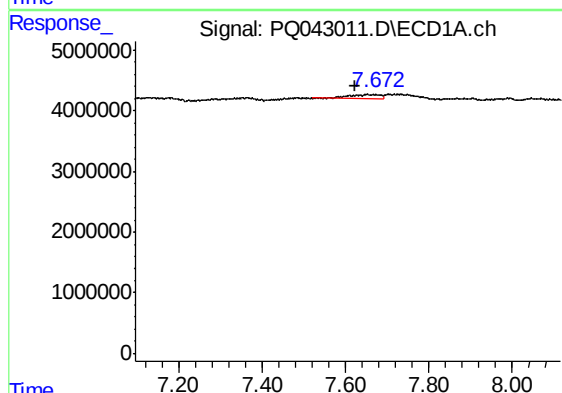
R.T.: 7.353 min
Delta R.T.: -0.043 min
Response: 4336414
Conc: 38.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



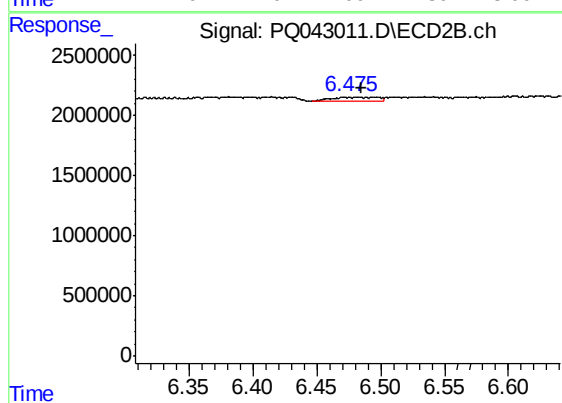
#22 AR-1248-2

R.T.: 6.475 min
Delta R.T.: 0.038 min
Response: 780942
Conc: 6.60 ng/ml



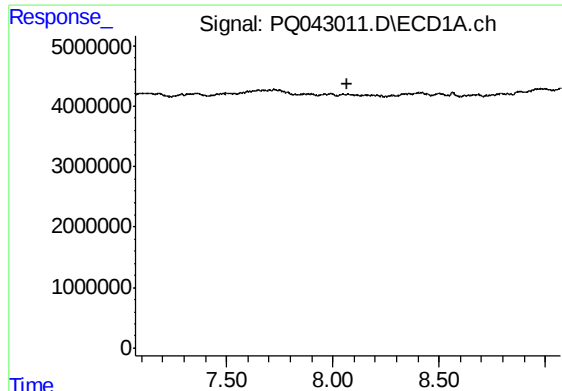
#23 AR-1248-3

R.T.: 7.651 min
Delta R.T.: 0.028 min
Response: 3251112
Conc: 24.05 ng/ml



#23 AR-1248-3

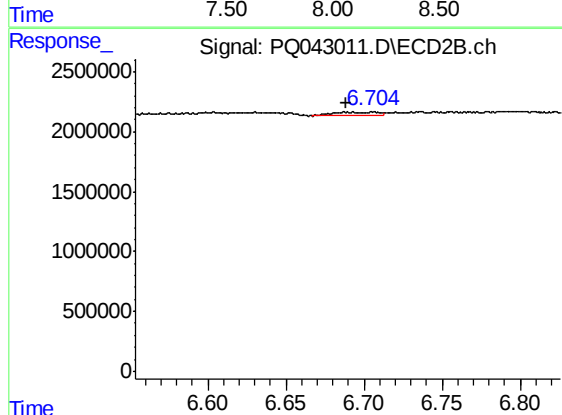
R.T.: 6.475 min
Delta R.T.: -0.010 min
Response: 780942
Conc: 6.47 ng/ml



#24 AR-1248-4

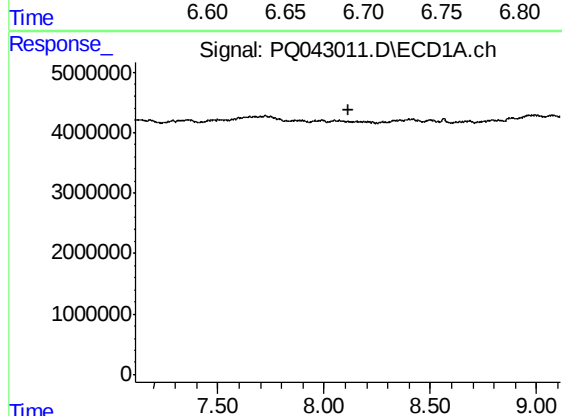
R.T.: 8.045 min
Delta R.T.: -0.026 min
Response: -268523
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



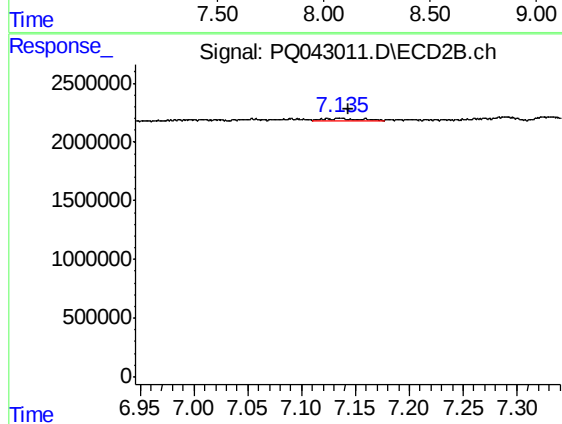
#24 AR-1248-4

R.T.: 6.706 min
Delta R.T.: 0.018 min
Response: 568997
Conc: 3.89 ng/ml



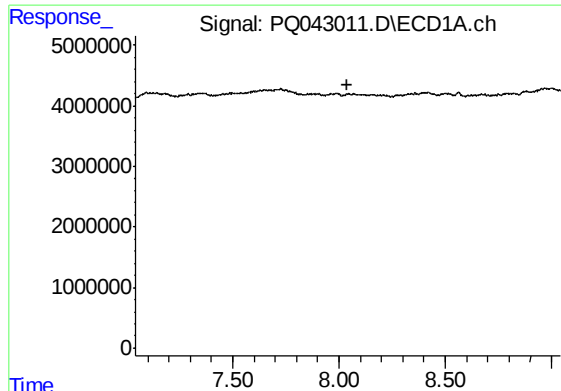
#25 AR-1248-5

R.T.: 8.045 min
Delta R.T.: -0.068 min
Response: -268523
Conc: N.D.



#25 AR-1248-5

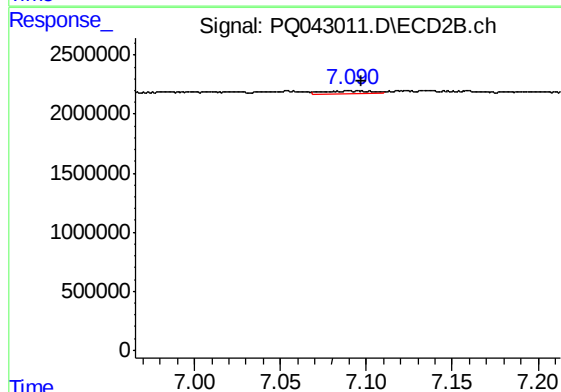
R.T.: 7.136 min
Delta R.T.: -0.007 min
Response: 613249
Conc: 3.94 ng/ml



#26 AR-1254-1

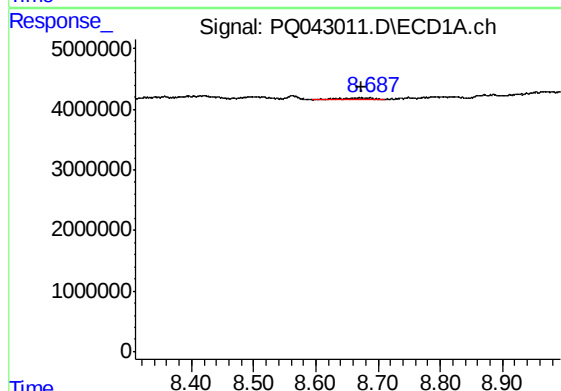
R.T.: 8.045 min
Delta R.T.: 0.003 min
Response: -268523
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



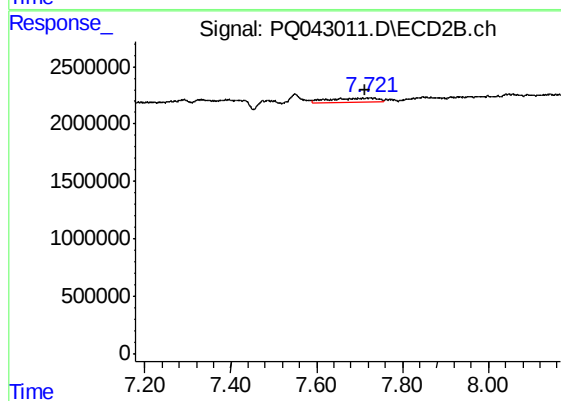
#26 AR-1254-1

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 487798
Conc: 1.99 ng/ml



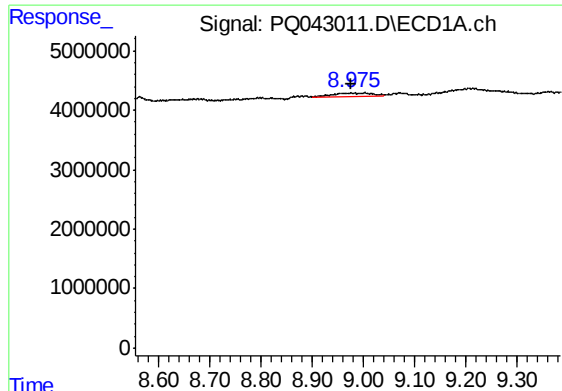
#28 AR-1254-3

R.T.: 8.671 min
Delta R.T.: -0.001 min
Response: 1250447
Conc: 4.15 ng/ml



#28 AR-1254-3

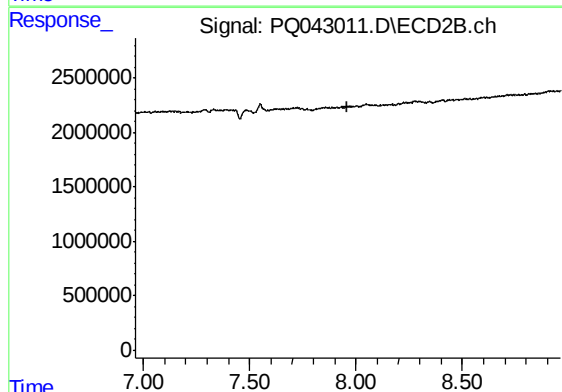
R.T.: 7.722 min
Delta R.T.: 0.010 min
Response: 2670904
Conc: 7.11 ng/ml



#29 AR-1254-4

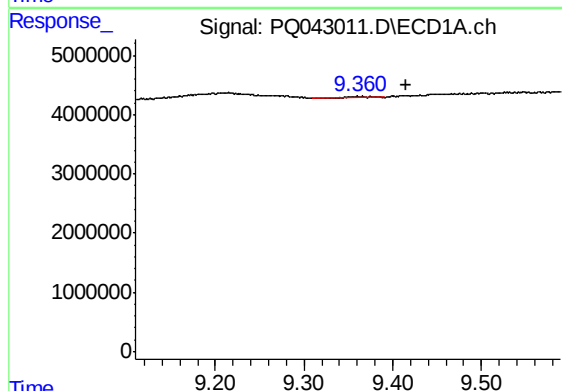
R.T.: 8.975 min
Delta R.T.: 0.000 min
Response: 2722851
Conc: 11.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



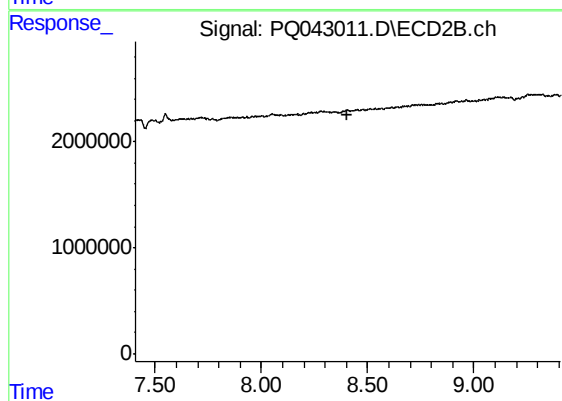
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.962 min
Response: 0
Conc: N.D.



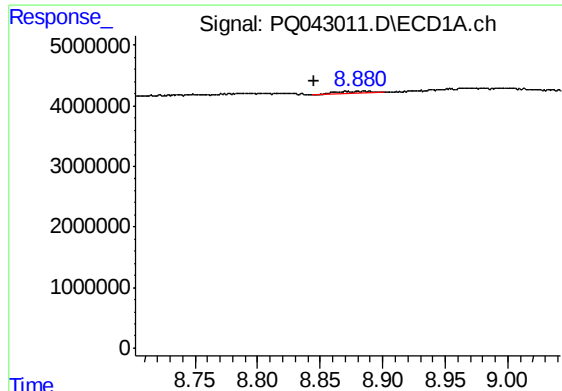
#30 AR-1254-5

R.T.: 9.362 min
Delta R.T.: -0.052 min
Response: 337739
Conc: 1.25 ng/ml



#30 AR-1254-5

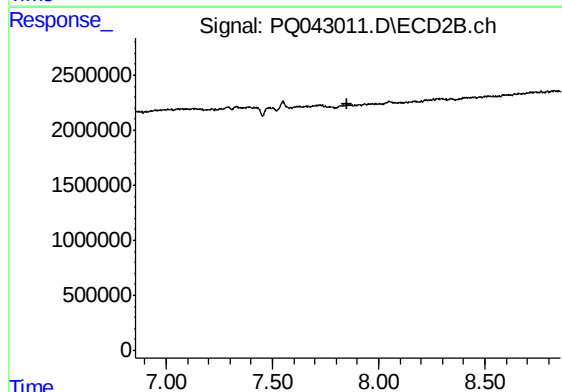
R.T.: 0.000 min
Exp R.T. : 8.407 min
Response: 0
Conc: N.D.



#31 AR-1260-1

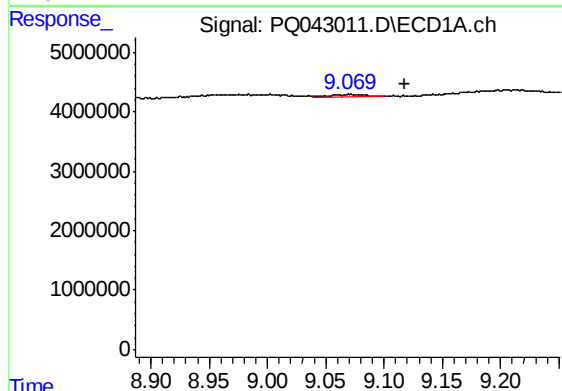
R.T.: 8.885 min
Delta R.T.: 0.040 min
Response: 702237
Conc: 3.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



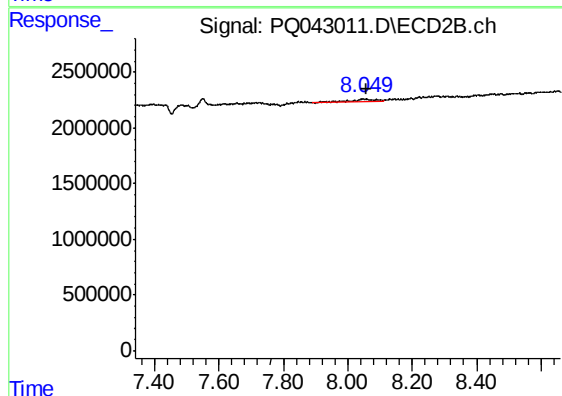
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.855 min
Response: 0
Conc: N.D.



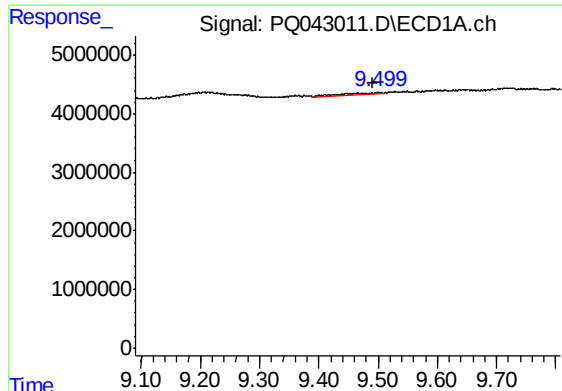
#32 AR-1260-2

R.T.: 9.071 min
Delta R.T.: -0.047 min
Response: 983085
Conc: 4.18 ng/ml



#32 AR-1260-2

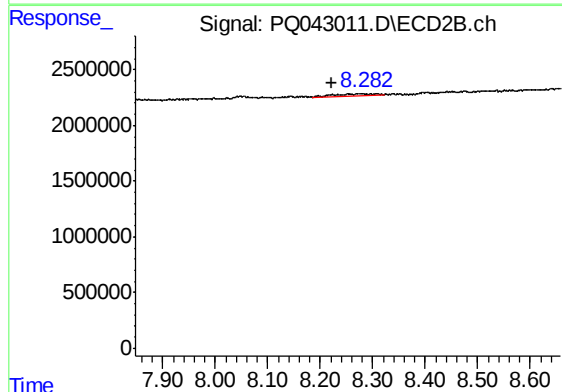
R.T.: 8.049 min
Delta R.T.: -0.010 min
Response: 787695
Conc: 3.09 ng/ml



#33 AR-1260-3

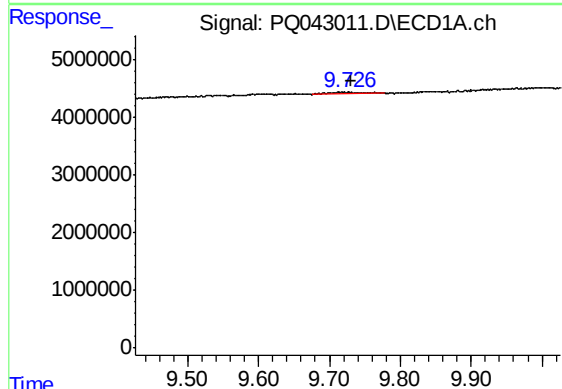
R.T.: 9.501 min
Delta R.T.: 0.009 min
Response: 1157903
Conc: 5.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



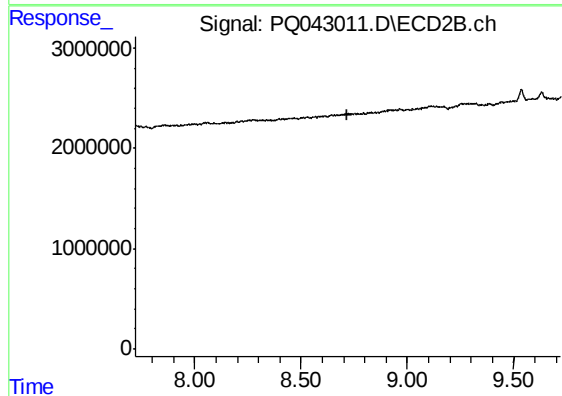
#33 AR-1260-3

R.T.: 8.277 min
Delta R.T.: 0.055 min
Response: 960788
Conc: 4.22 ng/ml



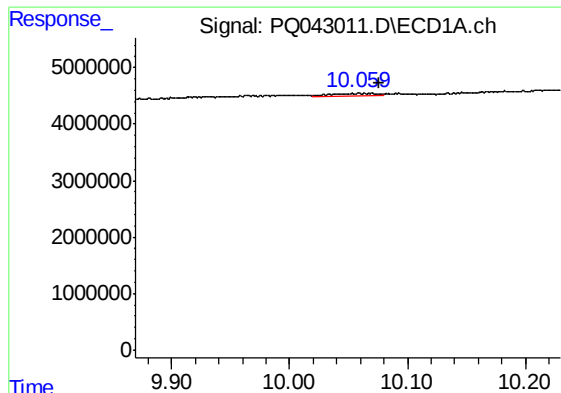
#34 AR-1260-4

R.T.: 9.725 min
Delta R.T.: -0.006 min
Response: 1081256
Conc: 4.59 ng/ml



#34 AR-1260-4

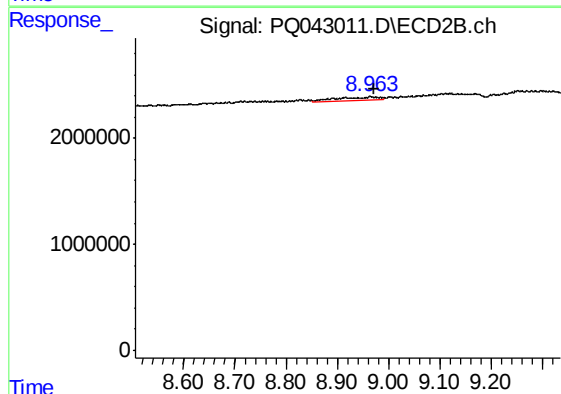
R.T.: 0.000 min
Exp R.T. : 8.720 min
Response: 0
Conc: N.D.



#35 AR-1260-5

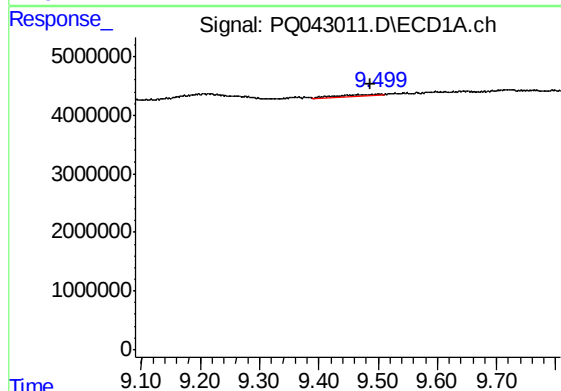
R.T.: 10.064 min
Delta R.T.: -0.012 min
Response: 1022991
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



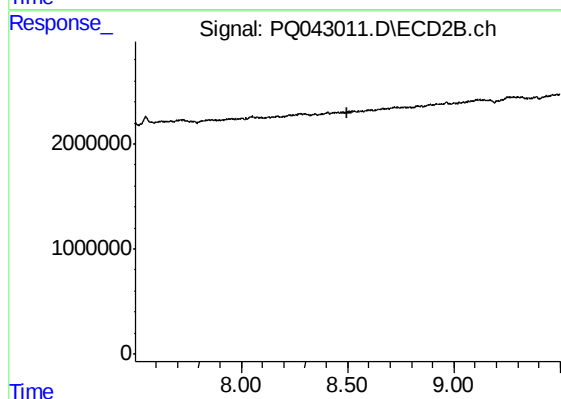
#35 AR-1260-5

R.T.: 8.975 min
Delta R.T.: 0.003 min
Response: 1883714
Conc: 3.23 ng/ml



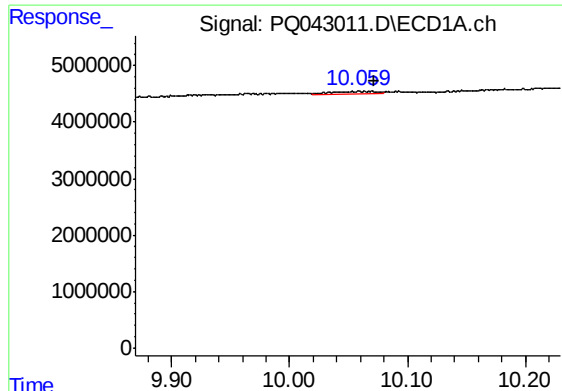
#36 AR-1262-1

R.T.: 9.501 min
Delta R.T.: 0.013 min
Response: 1157903
Conc: 2.88 ng/ml



#36 AR-1262-1

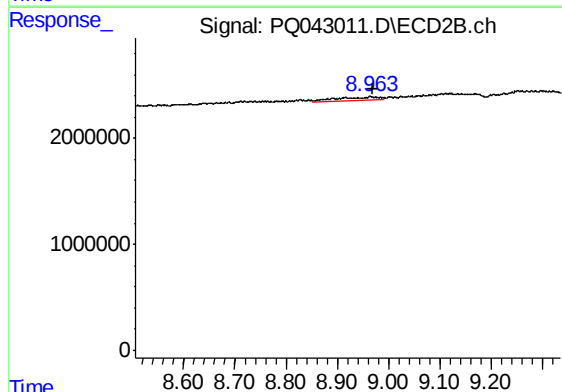
R.T.: 0.000 min
Exp R.T. : 8.502 min
Response: 0
Conc: N.D.



#37 AR-1262-2

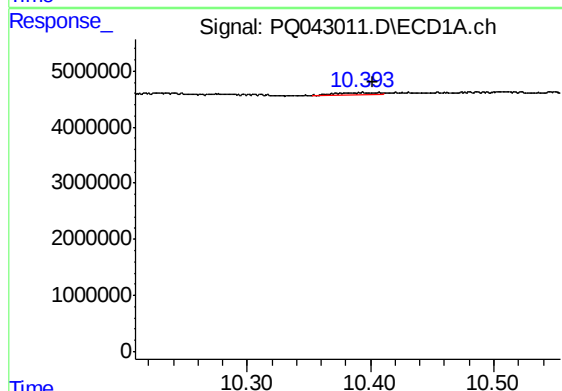
R.T.: 10.064 min
Delta R.T.: -0.008 min
Response: 1022991
Conc: 1.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



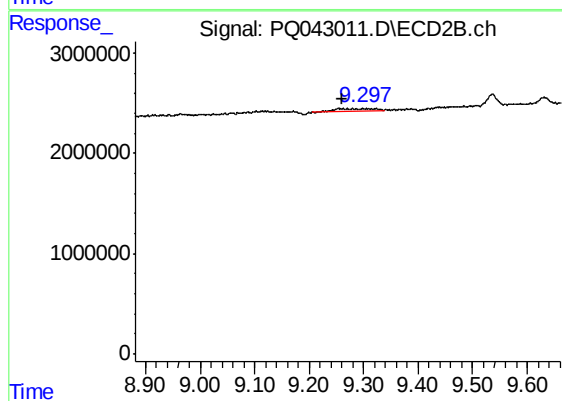
#37 AR-1262-2

R.T.: 8.975 min
Delta R.T.: 0.004 min
Response: 1883714
Conc: 2.18 ng/ml



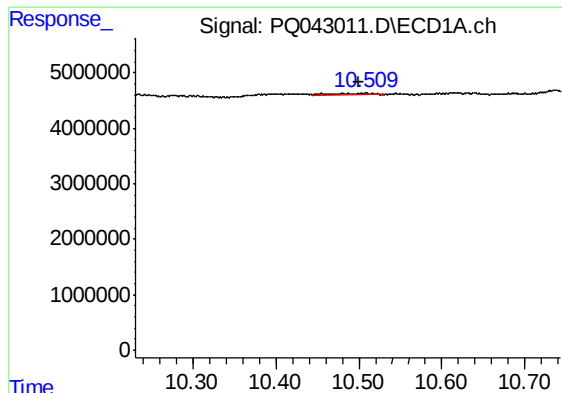
#38 AR-1262-3

R.T.: 10.395 min
Delta R.T.: -0.008 min
Response: 877176
Conc: 1.48 ng/ml



#38 AR-1262-3

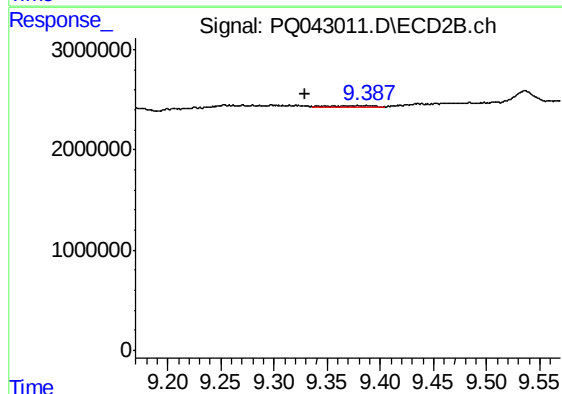
R.T.: 9.254 min
Delta R.T.: -0.007 min
Response: 1421805
Conc: 3.80 ng/ml



#39 AR-1262-4

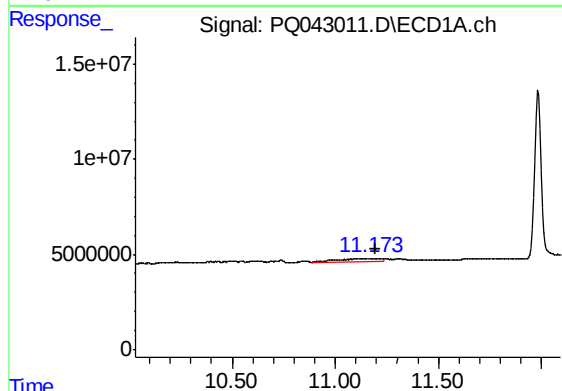
R.T.: 10.508 min
Delta R.T.: 0.009 min
Response: 1024386
Conc: 2.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



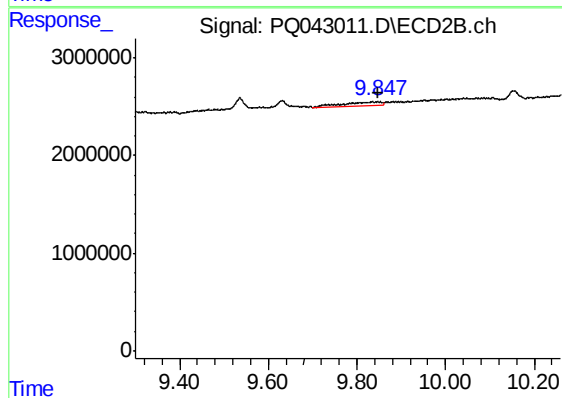
#39 AR-1262-4

R.T.: 9.386 min
Delta R.T.: 0.056 min
Response: 374687
Conc: 0.55 ng/ml



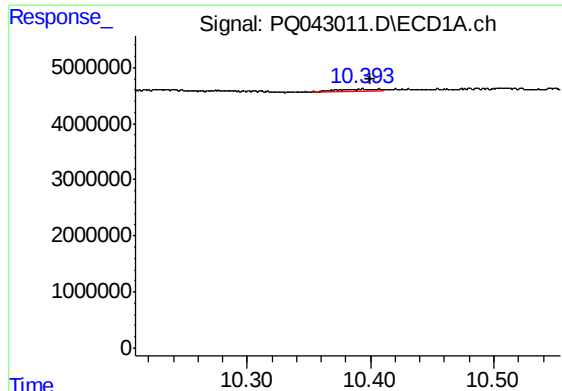
#40 AR-1262-5

R.T.: 11.190 min
Delta R.T.: -0.008 min
Response: 21993766
Conc: 58.95 ng/ml



#40 AR-1262-5

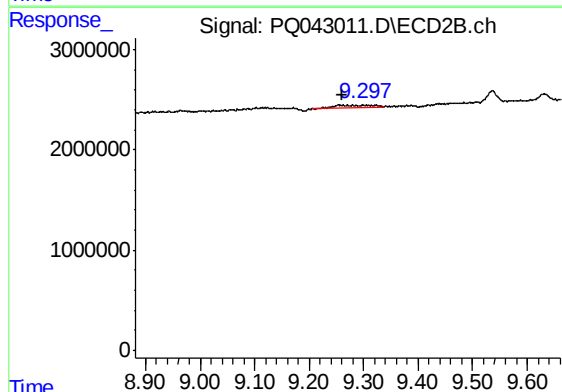
R.T.: 9.837 min
Delta R.T.: -0.010 min
Response: 2228269
Conc: 6.78 ng/ml



#41 AR-1268-1

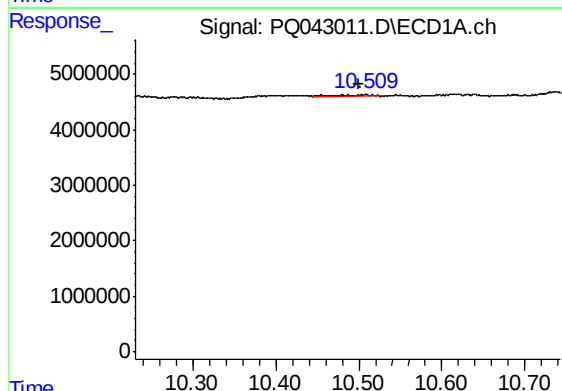
R.T.: 10.395 min
Delta R.T.: -0.005 min
Response: 877176
Conc: 0.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



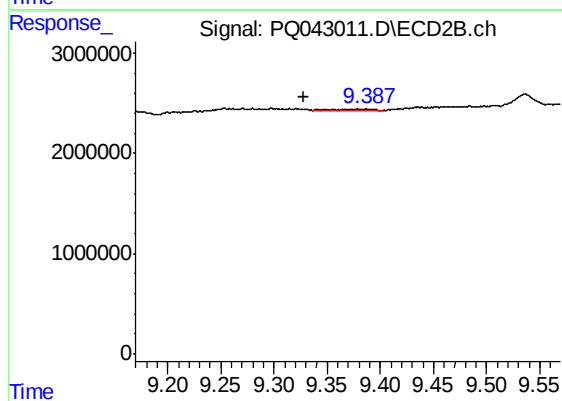
#41 AR-1268-1

R.T.: 9.254 min
Delta R.T.: -0.006 min
Response: 1421805
Conc: 1.33 ng/ml



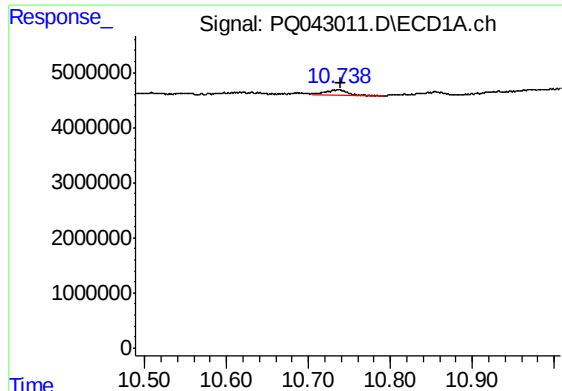
#42 AR-1268-2

R.T.: 10.508 min
Delta R.T.: 0.009 min
Response: 1024386
Conc: 0.98 ng/ml



#42 AR-1268-2

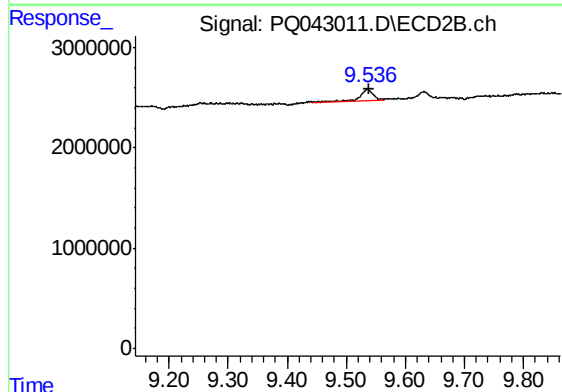
R.T.: 9.386 min
Delta R.T.: 0.058 min
Response: 374687
Conc: 0.36 ng/ml



#43 AR-1268-3

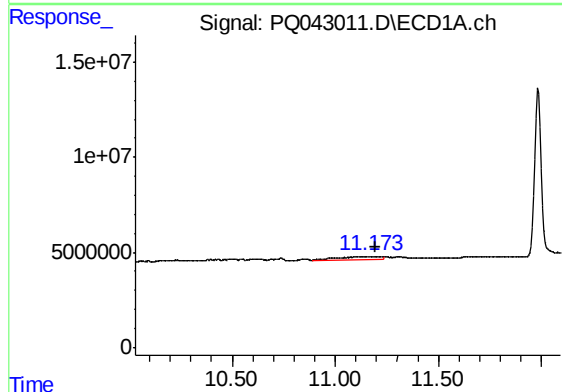
R.T.: 10.736 min
Delta R.T.: -0.004 min
Response: 1679247
Conc: 1.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



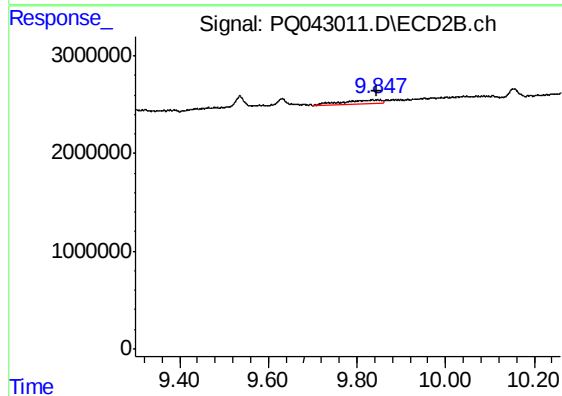
#43 AR-1268-3

R.T.: 9.536 min
Delta R.T.: -0.002 min
Response: 1870135
Conc: 2.12 ng/ml



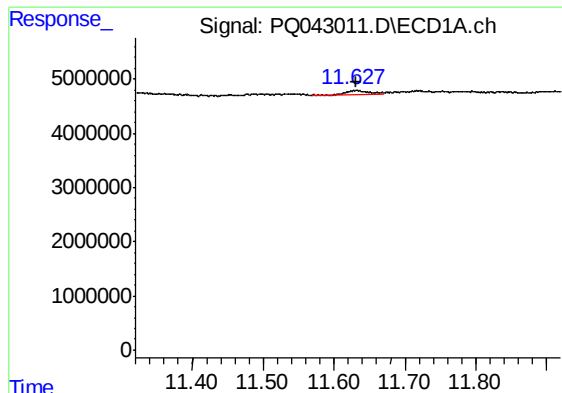
#44 AR-1268-4

R.T.: 11.190 min
Delta R.T.: -0.007 min
Response: 21993766
Conc: 54.83 ng/ml



#44 AR-1268-4

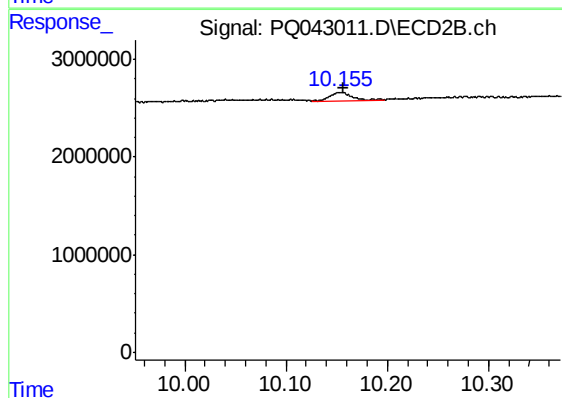
R.T.: 9.837 min
Delta R.T.: -0.008 min
Response: 2228269
Conc: 6.25 ng/ml



#45 AR-1268-5

R.T.: 11.631 min
Delta R.T.: -0.001 min
Response: 1723739
Conc: 0.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF3Q0



#45 AR-1268-5

R.T.: 10.154 min
Delta R.T.: -0.002 min
Response: 1187828
Conc: 0.42 ng/ml