

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021321\
 Data File : PQ052226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Feb 2021 14:43
 Operator : DD\AJ
 Sample : AIBLK36
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 03:33:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 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...	5.229	4.245	467.2E6	162.3E6	19.026	19.353
2)	SA Decachlor...	11.421	9.593	863.6E6	315.2E6	42.138	40.868
Target Compounds							
3)	L1 AR-1016-1	6.599f	0.000	2673204	0	3.327	N.D. #
4)	L1 AR-1016-2	6.599	0.000	2673204	0	2.264	N.D. #
5)	L1 AR-1016-3	6.619	0.000	2573387	0	3.606	N.D. #
6)	L1 AR-1016-4	6.714f	0.000	3313465	0	5.504	N.D. #
7)	L1 AR-1016-5	7.124f	6.028	9333008	3570137	16.588	16.718
8)	L2 AR-1221-1	5.486	0.000	152.3E6	0	597.121	N.D. #
9)	L2 AR-1221-2	5.584	4.577	8729544	25228554	49.630	398.703 #
10)	L2 AR-1221-3	5.674	4.643f	4216361	682113	7.161	3.163 #
11)	L3 AR-1232-1	5.674	4.643f	4216361	682113	8.580	3.772 #
12)	L3 AR-1232-2	6.203f	0.000	3477563	0	13.512	N.D. #
13)	L3 AR-1232-3	6.599	0.000	2673204	0	5.081	N.D. #
14)	L3 AR-1232-4	6.714f	0.000	3313465	0	12.640	N.D. #
15)	L3 AR-1232-5	6.903f	6.028	2857826	3570137	15.469	40.128 #
16)	L4 AR-1242-1	6.599f	0.000	2673204	0	3.890	N.D. #
17)	L4 AR-1242-2	6.599	0.000	2673204	0	2.648	N.D. #
18)	L4 AR-1242-3	6.619	0.000	2573387	0	4.238	N.D. #
19)	L4 AR-1242-4	6.714f	0.000	3313465	0	6.516	N.D. #
20)	L4 AR-1242-5	7.579f	6.405	18364664	2730565	32.552	10.891 #
21)	L5 AR-1248-1	6.599f	0.000	2673204	0	4.881	N.D. #
22)	L5 AR-1248-2	6.903f	0.000	2857826	0	3.718	N.D. #
23)	L5 AR-1248-3	7.124f	0.000	9333008	0	10.571	N.D. #
24)	L5 AR-1248-4	7.471	6.028	76357383	3570137	73.443	10.729 #
25)	L5 AR-1248-5	7.579f	6.405	18364664	2730565	17.928	7.637 #
26)	L6 AR-1254-1	7.471	6.405	76357383	2730565	76.864	5.120 #
27)	L6 AR-1254-2	7.686	6.497f	13276289	77206	8.590	0.169 #
28)	L6 AR-1254-3	8.069	7.025f	6740596	1350969	3.988	1.796 #
29)	L6 AR-1254-4	8.396	7.264f	24759982	1784458	19.740	3.537 #
30)	L6 AR-1254-5	8.826	0.000	7999718	0	5.953	N.D. #
31)	L7 AR-1260-1	8.296f	7.092	13270328	521670	13.279	1.274 #
32)	L7 AR-1260-2	8.514	7.296	15934312	11165583	12.973	21.029 #
33)	L7 AR-1260-3	8.843	7.454	3270998	3144932	3.577	6.581 #
34)	L7 AR-1260-4	9.116	0.000	38900911	0	36.106	N.D. #
35)	L7 AR-1260-5	9.516f	8.178	12095103	750631	5.331	0.697 #
36)	L8 AR-1262-1	8.843	0.000	3270998	0	2.078	N.D. #
37)	L8 AR-1262-2	9.516f	8.178	12095103	750631	4.037	0.560 #
38)	L8 AR-1262-3	9.790	8.486	4452466	5137626	2.237	9.826 #
39)	L8 AR-1262-4	9.903	8.486f	8368033	5137626	5.499	5.258
40)	L8 AR-1262-5	10.648f	0.000	17953814	0	16.500	N.D. #
41)	L9 AR-1268-1	9.790	8.486	4452466	5137626	1.267	3.190 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021321\
 Data File : PQ052226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Feb 2021 14:43
 Operator : DD\AJ
 Sample : AIBLK36
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

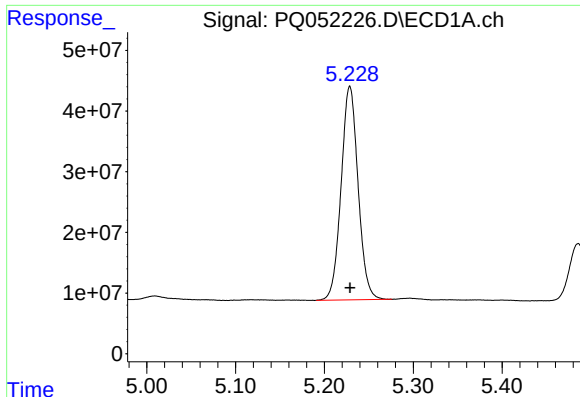
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 03:33:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.903	8.486f	8368033	5137626	2.548	3.446 #
43) L9	AR-1268-3	10.137	8.793f	15343719	3357733	5.515	2.678 #
44) L9	AR-1268-4	10.648f	0.000	17953814	0	14.722	N.D. #
45) L9	AR-1268-5	11.056	9.331	15873679	1687541	1.625	0.420 #

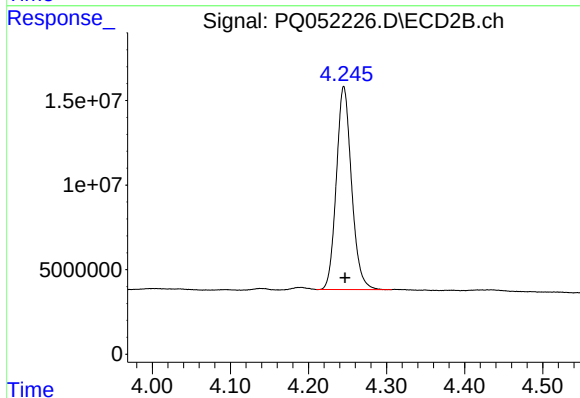
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

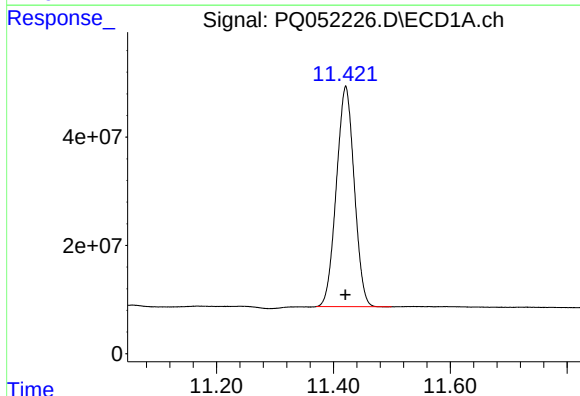
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 467241811
Conc: 19.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



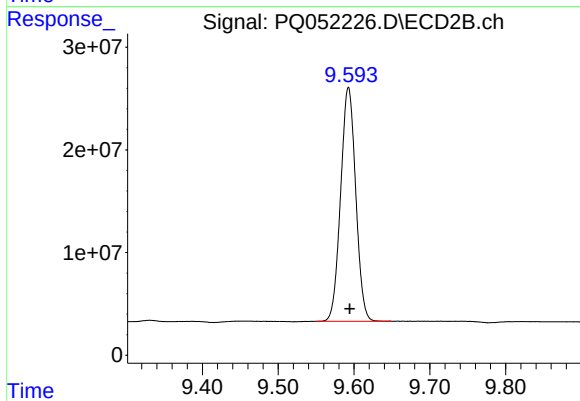
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.001 min
Response: 162342690
Conc: 19.35 ng/ml



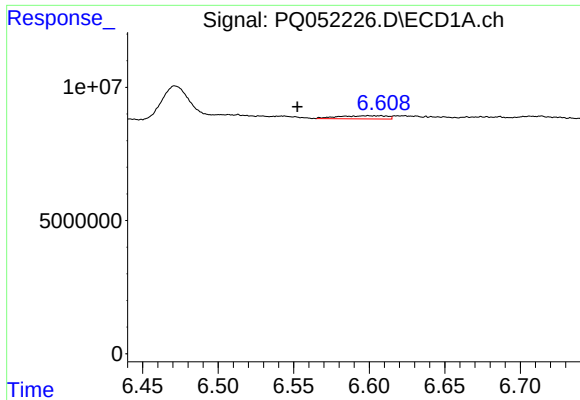
#2 Decachlorobiphenyl

R.T.: 11.421 min
Delta R.T.: 0.000 min
Response: 863622239
Conc: 42.14 ng/ml



#2 Decachlorobiphenyl

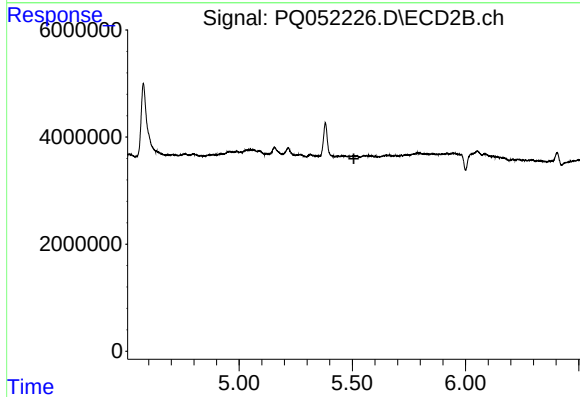
R.T.: 9.593 min
Delta R.T.: -0.002 min
Response: 315206706
Conc: 40.87 ng/ml



#3 AR-1016-1

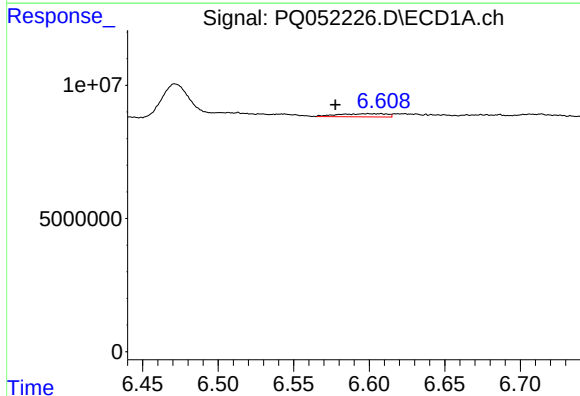
R.T.: 6.599 min
Delta R.T.: 0.047 min
Response: 2673204
Conc: 3.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



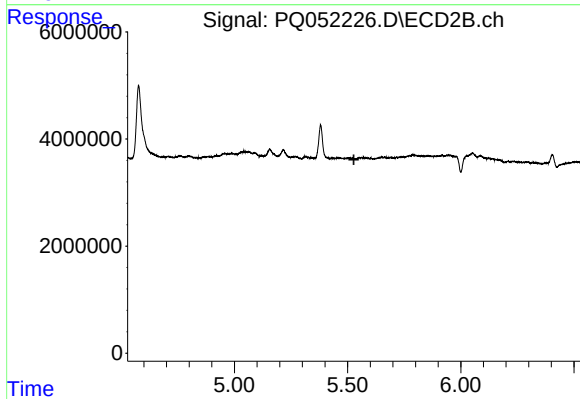
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.507 min
Response: 0
Conc: N.D.



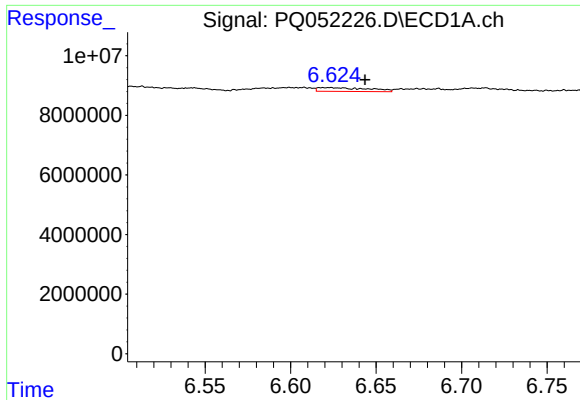
#4 AR-1016-2

R.T.: 6.599 min
Delta R.T.: 0.022 min
Response: 2673204
Conc: 2.26 ng/ml



#4 AR-1016-2

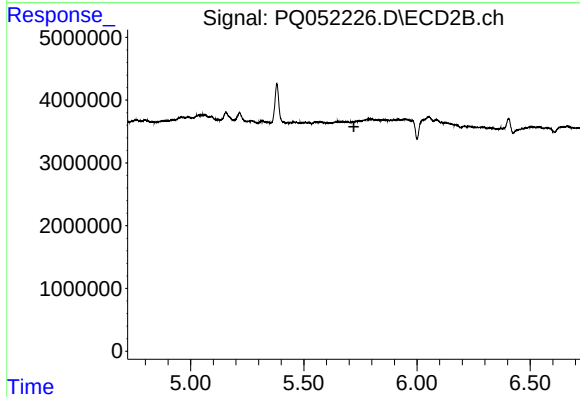
R.T.: 0.000 min
Exp R.T. : 5.528 min
Response: 0
Conc: N.D.



#5 AR-1016-3

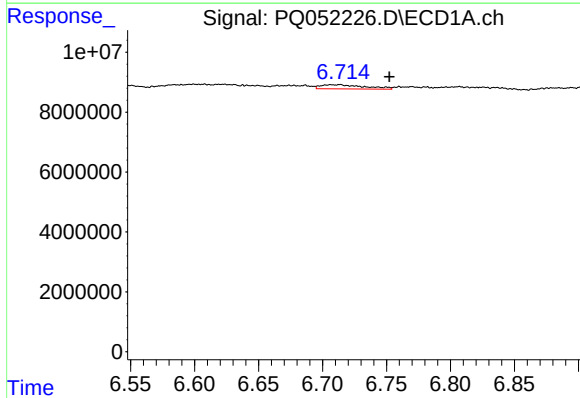
R.T.: 6.619 min
Delta R.T.: -0.025 min
Response: 2573387
Conc: 3.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



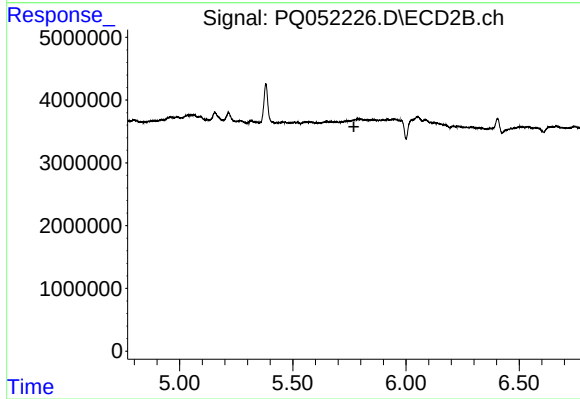
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.721 min
Response: 0
Conc: N.D.



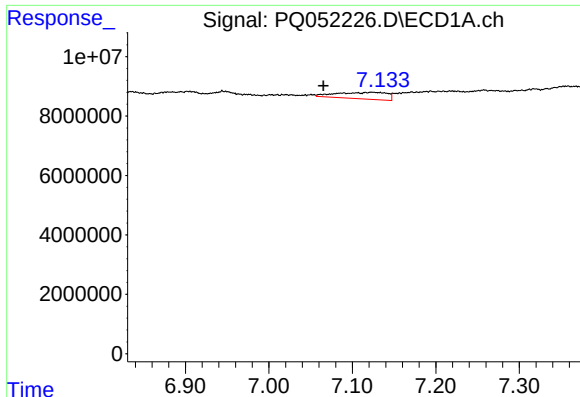
#6 AR-1016-4

R.T.: 6.714 min
Delta R.T.: -0.039 min
Response: 3313465
Conc: 5.50 ng/ml



#6 AR-1016-4

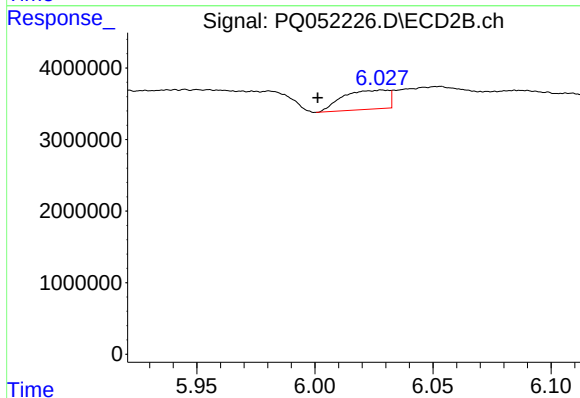
R.T.: 0.000 min
Exp R.T. : 5.770 min
Response: 0
Conc: N.D.



#7 AR-1016-5

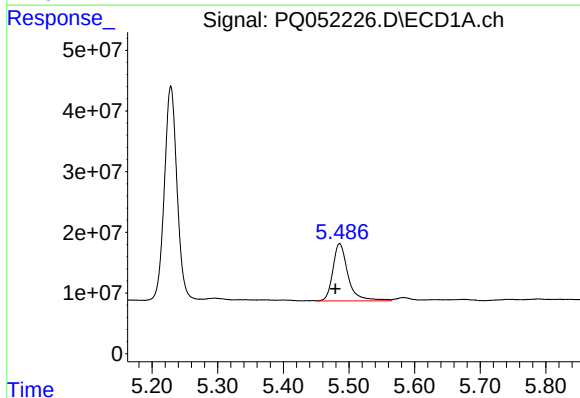
R.T.: 7.124 min
Delta R.T.: 0.058 min
Response: 9333008
Conc: 16.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



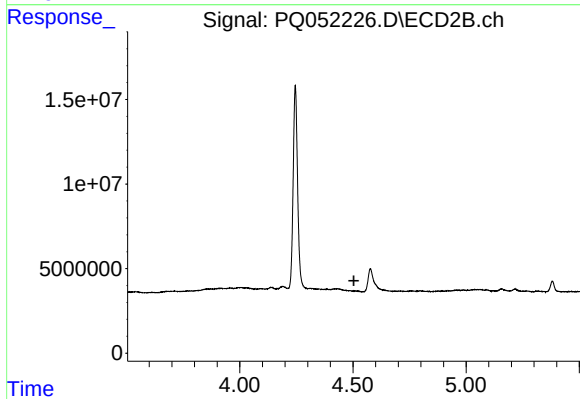
#7 AR-1016-5

R.T.: 6.028 min
Delta R.T.: 0.027 min
Response: 3570137
Conc: 16.72 ng/ml



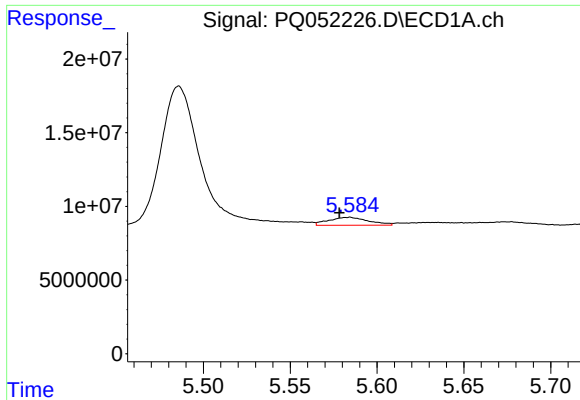
#8 AR-1221-1

R.T.: 5.486 min
Delta R.T.: 0.007 min
Response: 152289173
Conc: 597.12 ng/ml



#8 AR-1221-1

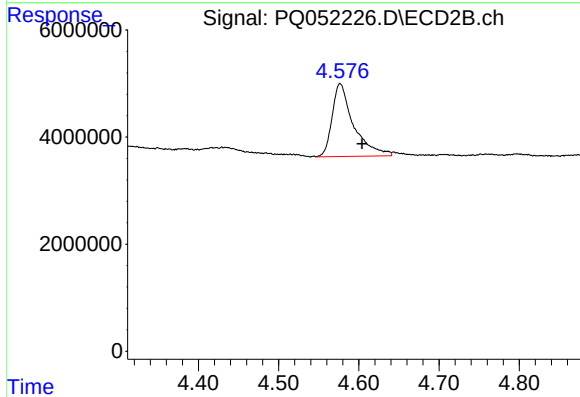
R.T.: 0.000 min
Exp R.T.: 4.504 min
Response: 0
Conc: N.D.



#9 AR-1221-2

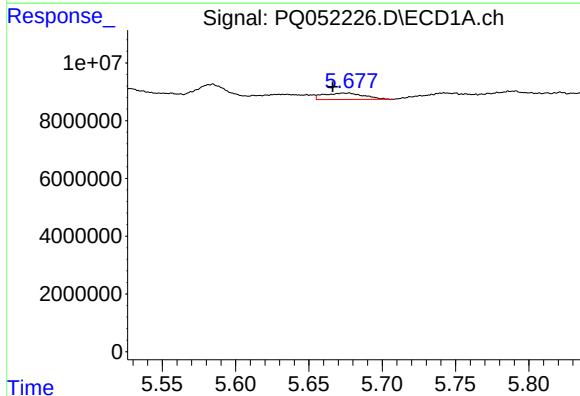
R.T.: 5.584 min
Delta R.T.: 0.006 min
Response: 8729544
Conc: 49.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



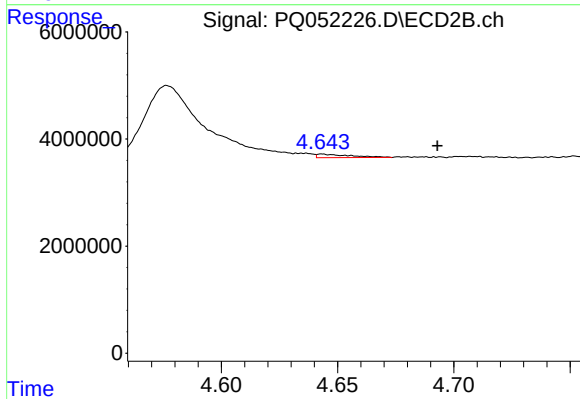
#9 AR-1221-2

R.T.: 4.577 min
Delta R.T.: -0.028 min
Response: 25228554
Conc: 398.70 ng/ml



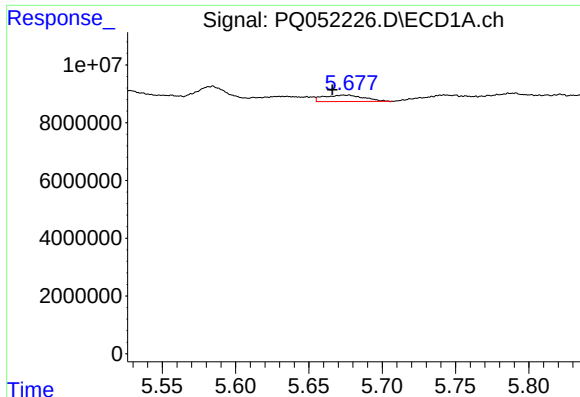
#10 AR-1221-3

R.T.: 5.674 min
Delta R.T.: 0.008 min
Response: 4216361
Conc: 7.16 ng/ml



#10 AR-1221-3

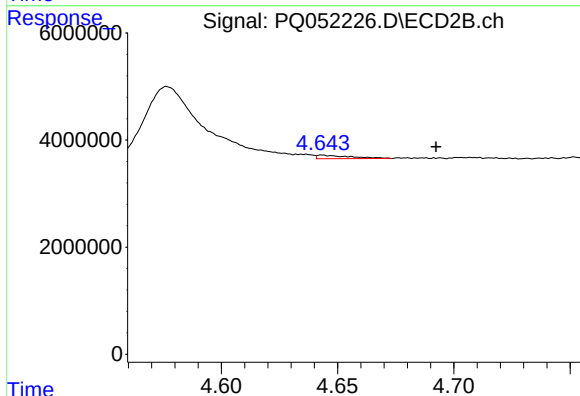
R.T.: 4.643 min
Delta R.T.: -0.050 min
Response: 682113
Conc: 3.16 ng/ml



#11 AR-1232-1

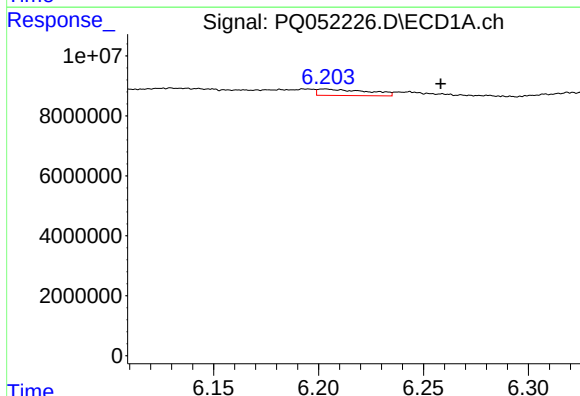
R.T.: 5.674 min
Delta R.T.: 0.008 min
Response: 4216361
Conc: 8.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



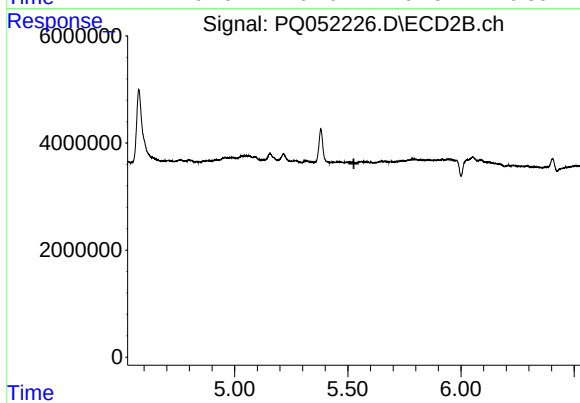
#11 AR-1232-1

R.T.: 4.643 min
Delta R.T.: -0.049 min
Response: 682113
Conc: 3.77 ng/ml



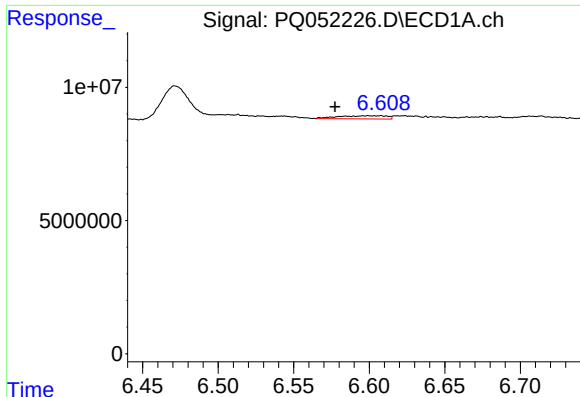
#12 AR-1232-2

R.T.: 6.203 min
Delta R.T.: -0.055 min
Response: 3477563
Conc: 13.51 ng/ml



#12 AR-1232-2

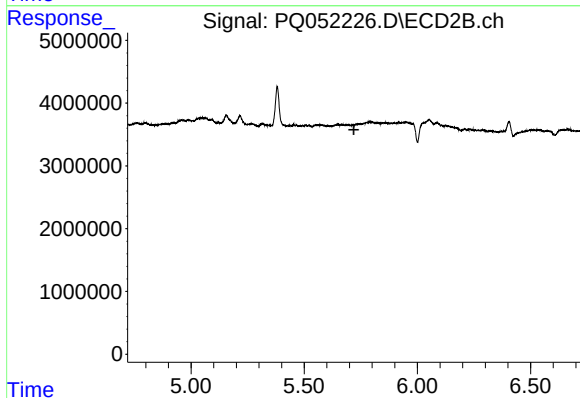
R.T.: 0.000 min
Exp R.T.: 5.527 min
Response: 0
Conc: N.D.



#13 AR-1232-3

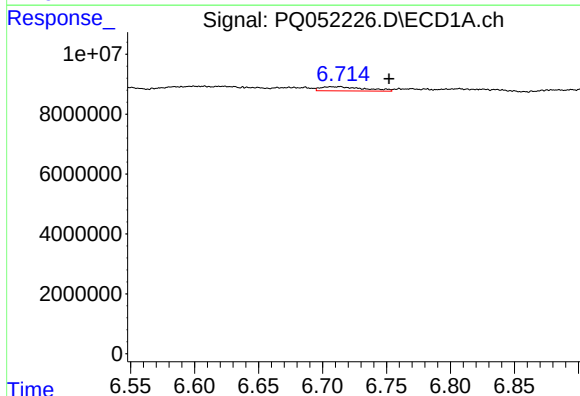
R.T.: 6.599 min
Delta R.T.: 0.022 min
Response: 2673204
Conc: 5.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



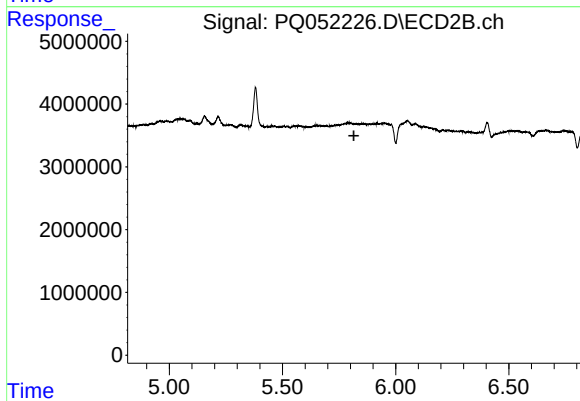
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.719 min
Response: 0
Conc: N.D.



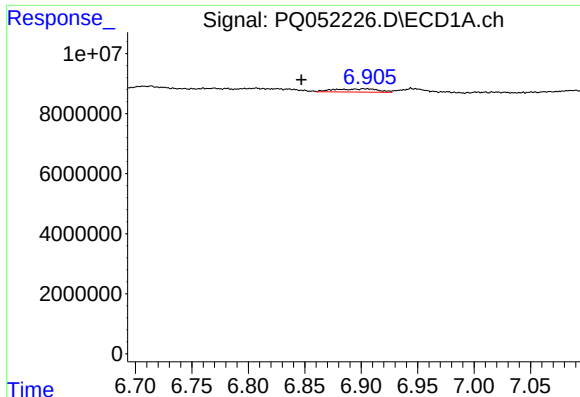
#14 AR-1232-4

R.T.: 6.714 min
Delta R.T.: -0.038 min
Response: 3313465
Conc: 12.64 ng/ml



#14 AR-1232-4

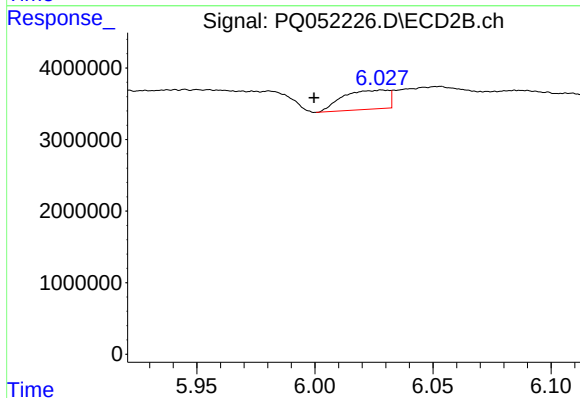
R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



#15 AR-1232-5

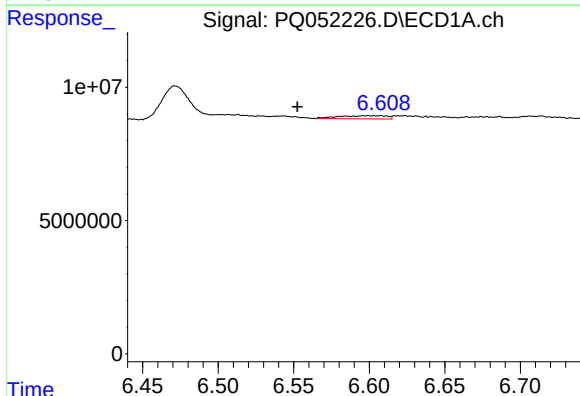
R.T.: 6.903 min
Delta R.T.: 0.056 min
Response: 2857826
Conc: 15.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



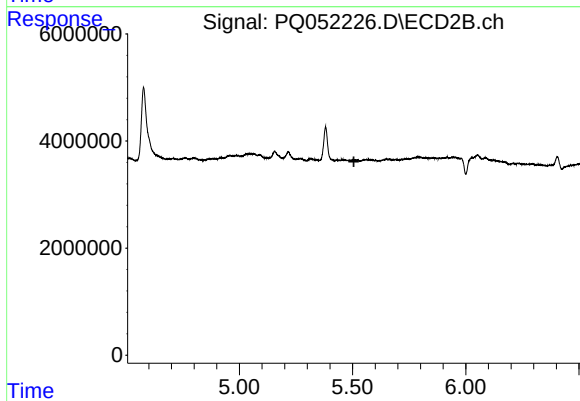
#15 AR-1232-5

R.T.: 6.028 min
Delta R.T.: 0.029 min
Response: 3570137
Conc: 40.13 ng/ml



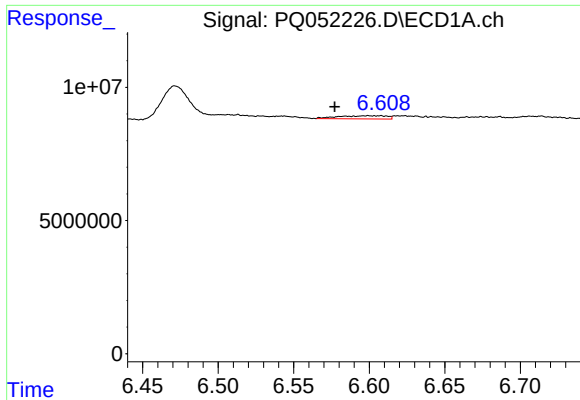
#16 AR-1242-1

R.T.: 6.599 min
Delta R.T.: 0.047 min
Response: 2673204
Conc: 3.89 ng/ml



#16 AR-1242-1

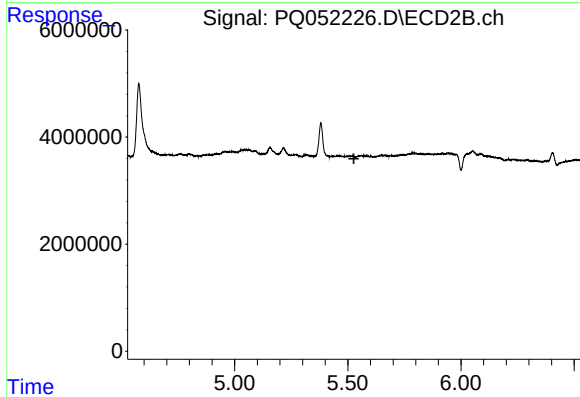
R.T.: 0.000 min
Exp R.T. : 5.506 min
Response: 0
Conc: N.D.



#17 AR-1242-2

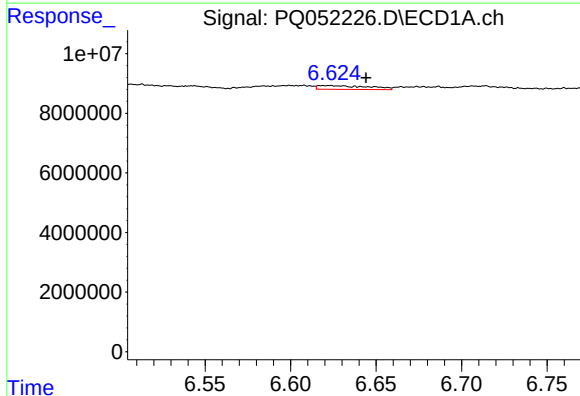
R.T.: 6.599 min
Delta R.T.: 0.022 min
Response: 2673204
Conc: 2.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



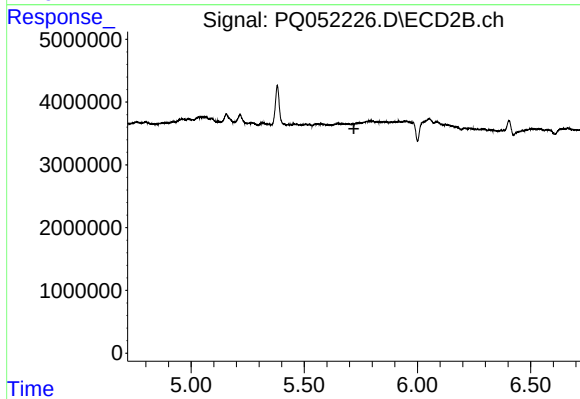
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.527 min
Response: 0
Conc: N.D.



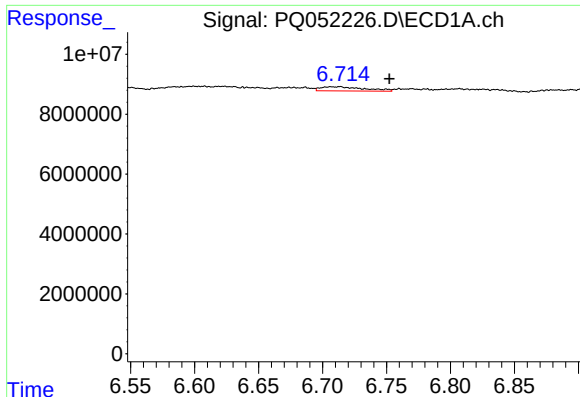
#18 AR-1242-3

R.T.: 6.619 min
Delta R.T.: -0.025 min
Response: 2573387
Conc: 4.24 ng/ml



#18 AR-1242-3

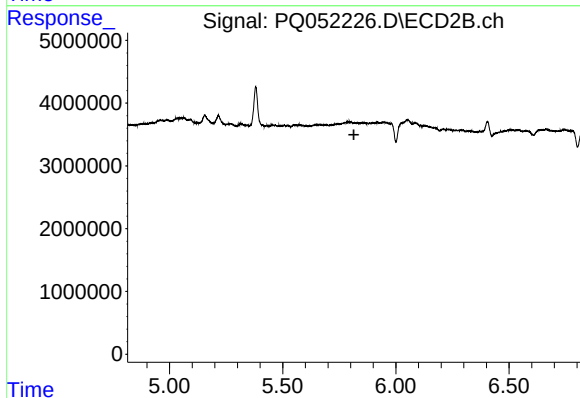
R.T.: 0.000 min
Exp R.T. : 5.719 min
Response: 0
Conc: N.D.



#19 AR-1242-4

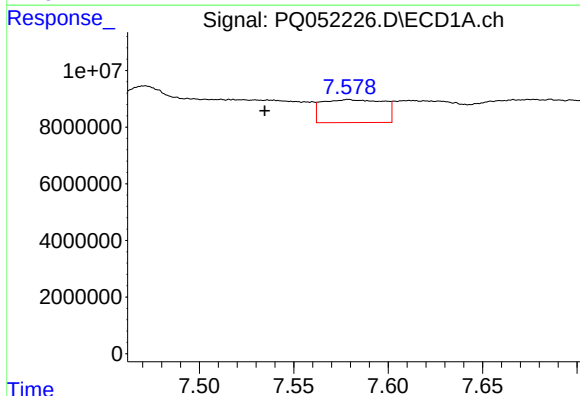
R.T.: 6.714 min
Delta R.T.: -0.039 min
Response: 3313465
Conc: 6.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



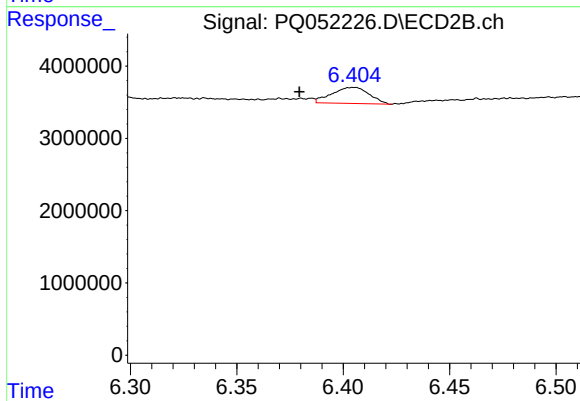
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



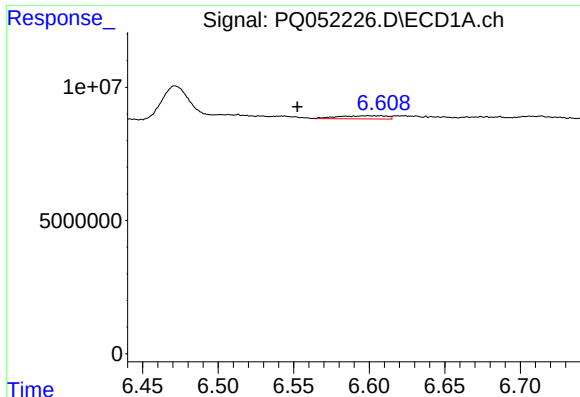
#20 AR-1242-5

R.T.: 7.579 min
Delta R.T.: 0.044 min
Response: 18364664
Conc: 32.55 ng/ml



#20 AR-1242-5

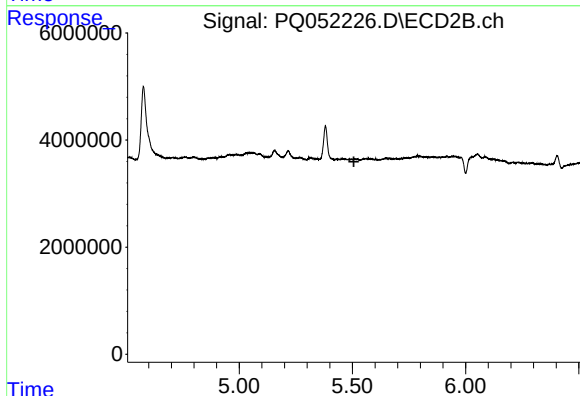
R.T.: 6.405 min
Delta R.T.: 0.026 min
Response: 2730565
Conc: 10.89 ng/ml



#21 AR-1248-1

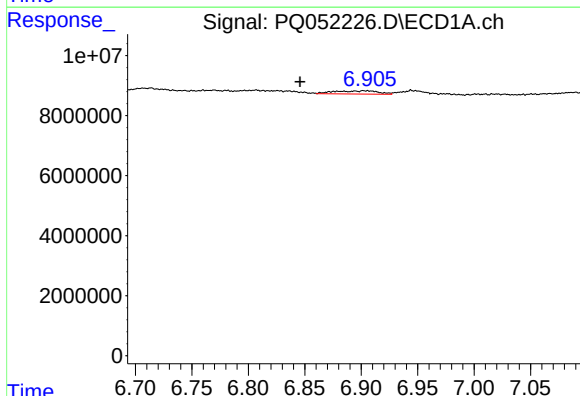
R.T.: 6.599 min
Delta R.T.: 0.047 min
Response: 2673204
Conc: 4.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



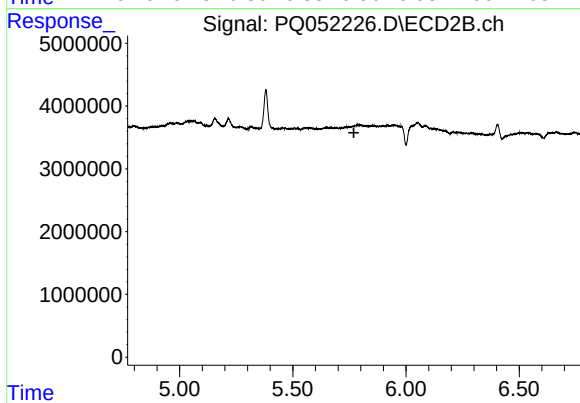
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.507 min
Response: 0
Conc: N.D.



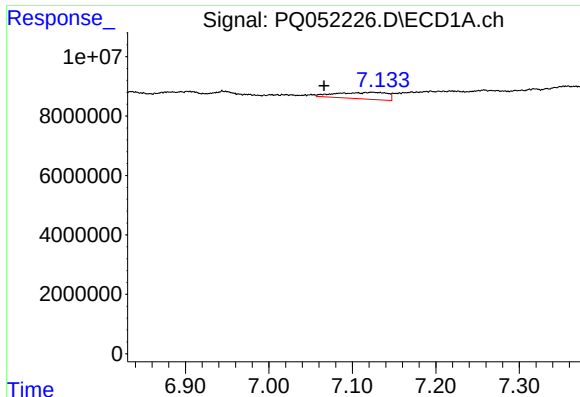
#22 AR-1248-2

R.T.: 6.903 min
Delta R.T.: 0.057 min
Response: 2857826
Conc: 3.72 ng/ml



#22 AR-1248-2

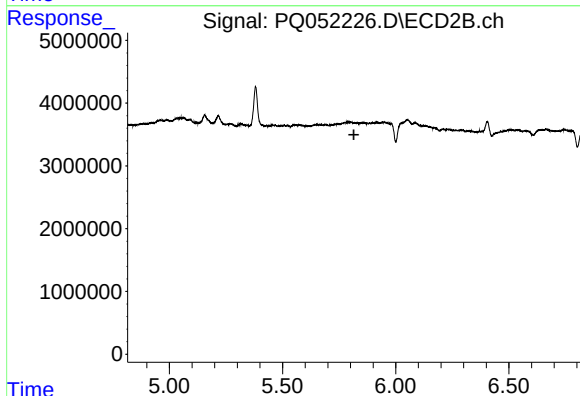
R.T.: 0.000 min
Exp R.T. : 5.770 min
Response: 0
Conc: N.D.



#23 AR-1248-3

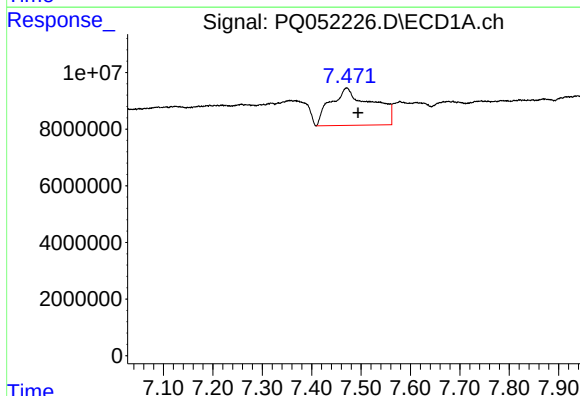
R.T.: 7.124 min
Delta R.T.: 0.058 min
Response: 9333008
Conc: 10.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



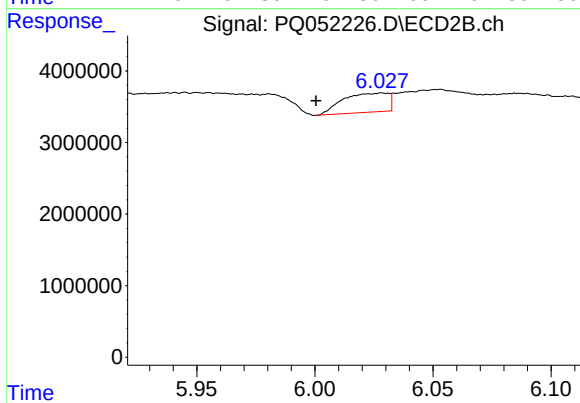
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



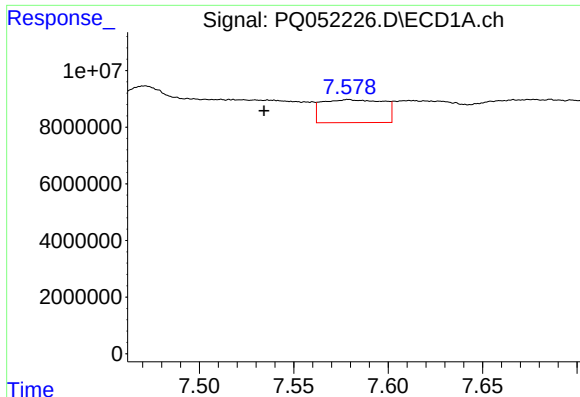
#24 AR-1248-4

R.T.: 7.471 min
Delta R.T.: -0.023 min
Response: 76357383
Conc: 73.44 ng/ml



#24 AR-1248-4

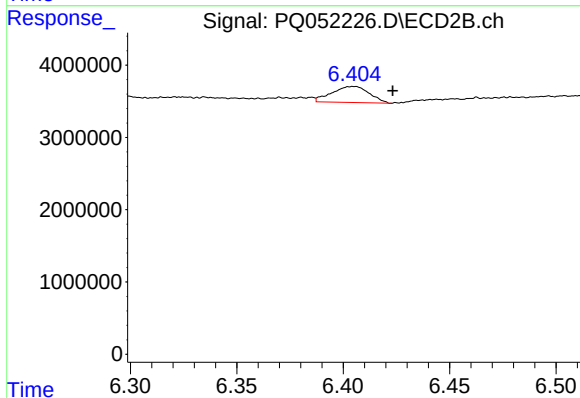
R.T.: 6.028 min
Delta R.T.: 0.028 min
Response: 3570137
Conc: 10.73 ng/ml



#25 AR-1248-5

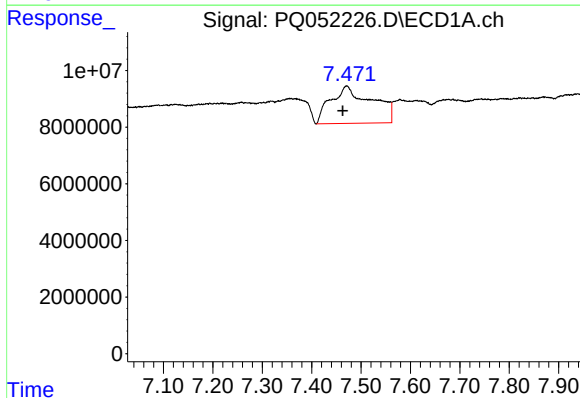
R.T.: 7.579 min
Delta R.T.: 0.045 min
Response: 18364664
Conc: 17.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



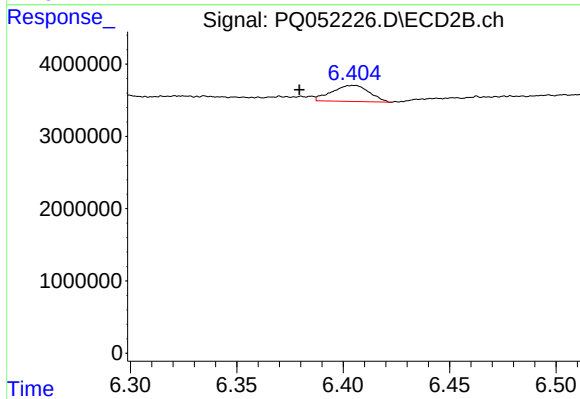
#25 AR-1248-5

R.T.: 6.405 min
Delta R.T.: -0.018 min
Response: 2730565
Conc: 7.64 ng/ml



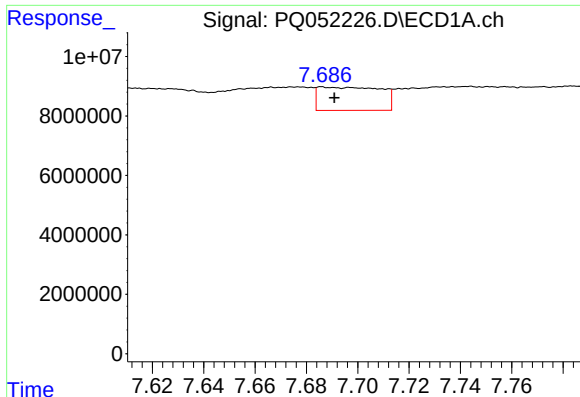
#26 AR-1254-1

R.T.: 7.471 min
Delta R.T.: 0.008 min
Response: 76357383
Conc: 76.86 ng/ml



#26 AR-1254-1

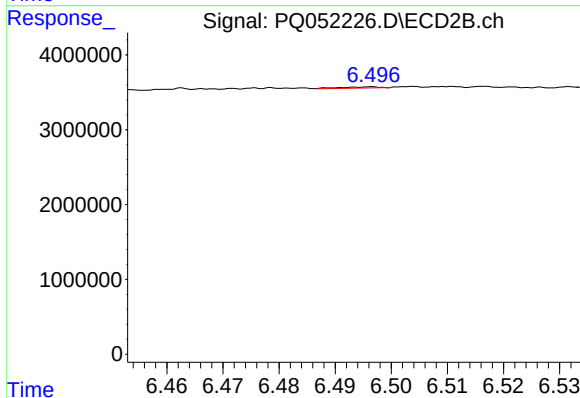
R.T.: 6.405 min
Delta R.T.: 0.026 min
Response: 2730565
Conc: 5.12 ng/ml



#27 AR-1254-2

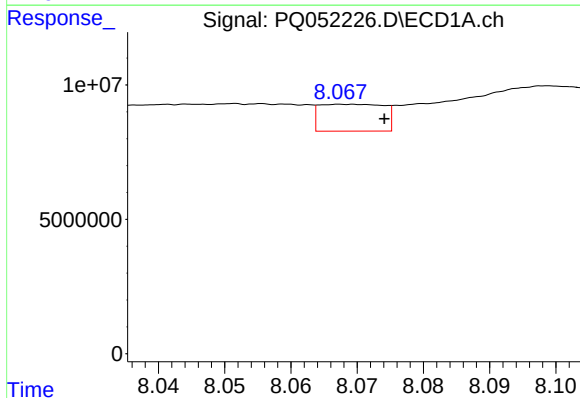
R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 13276289
Conc: 8.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



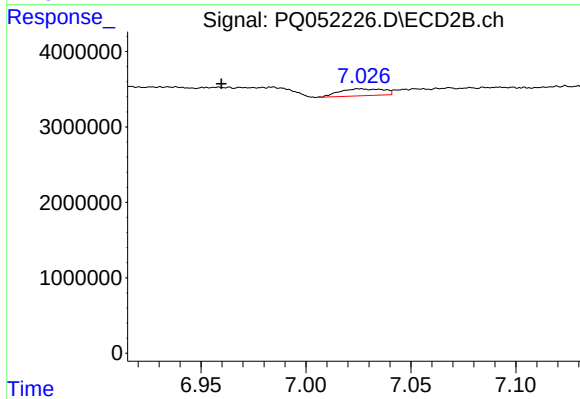
#27 AR-1254-2

R.T.: 6.497 min
Delta R.T.: -0.042 min
Response: 77206
Conc: 0.17 ng/ml



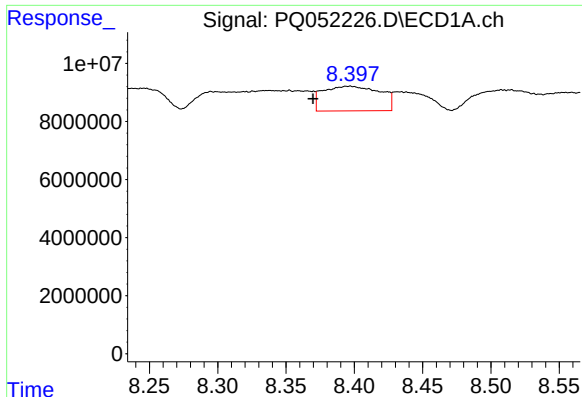
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: -0.005 min
Response: 6740596
Conc: 3.99 ng/ml



#28 AR-1254-3

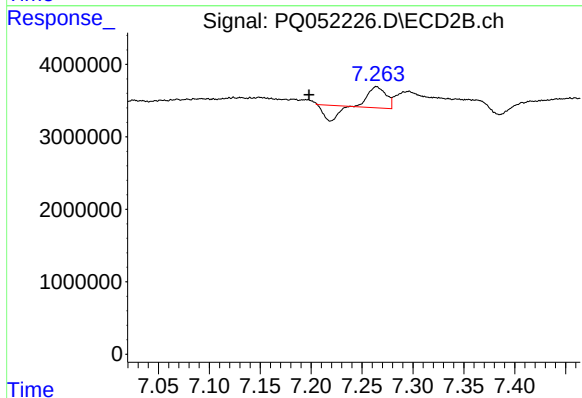
R.T.: 7.025 min
Delta R.T.: 0.065 min
Response: 1350969
Conc: 1.80 ng/ml



#29 AR-1254-4

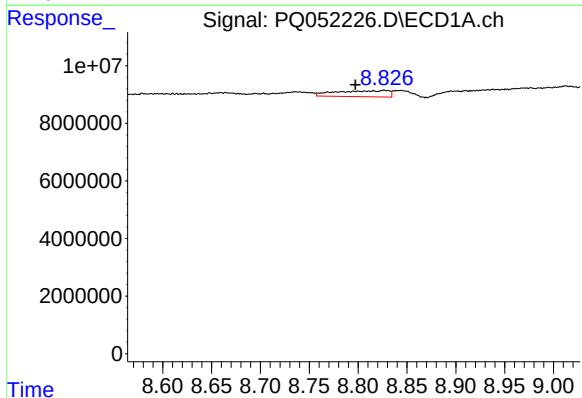
R.T.: 8.396 min
Delta R.T.: 0.027 min
Response: 24759982
Conc: 19.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



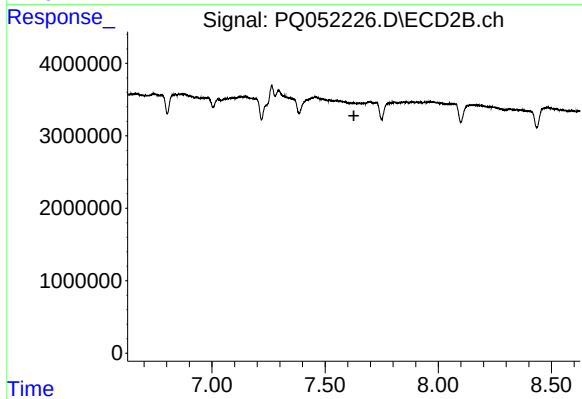
#29 AR-1254-4

R.T.: 7.264 min
Delta R.T.: 0.066 min
Response: 1784458
Conc: 3.54 ng/ml



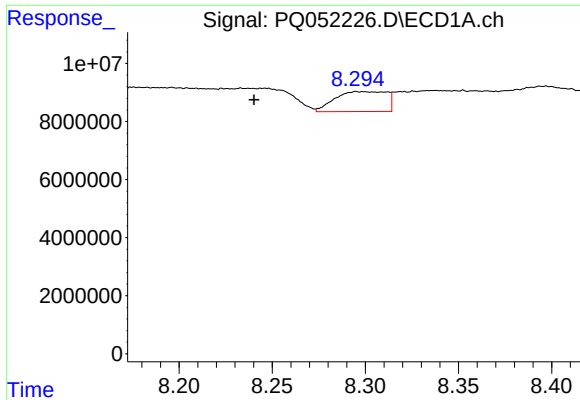
#30 AR-1254-5

R.T.: 8.826 min
Delta R.T.: 0.029 min
Response: 7999718
Conc: 5.95 ng/ml



#30 AR-1254-5

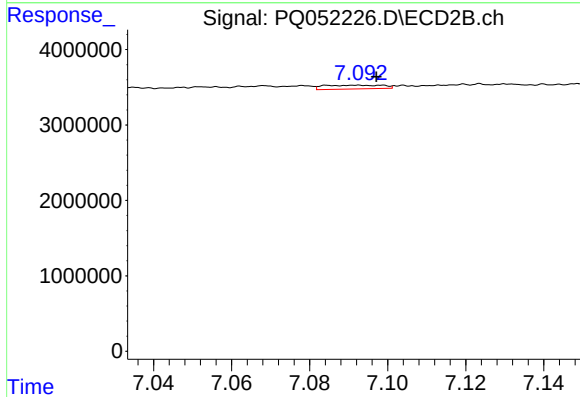
R.T.: 0.000 min
Exp R.T.: 7.627 min
Response: 0
Conc: N.D.



#31 AR-1260-1

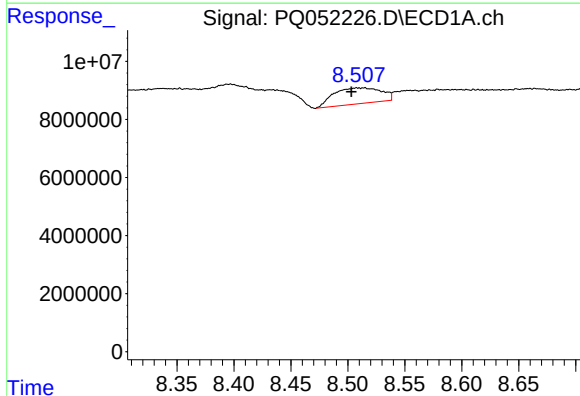
R.T.: 8.296 min
Delta R.T.: 0.056 min
Response: 13270328
Conc: 13.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



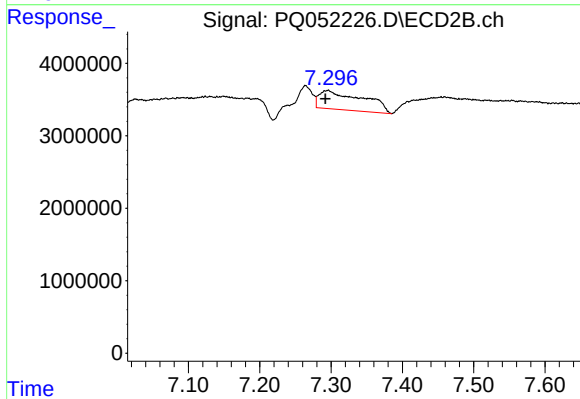
#31 AR-1260-1

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 521670
Conc: 1.27 ng/ml



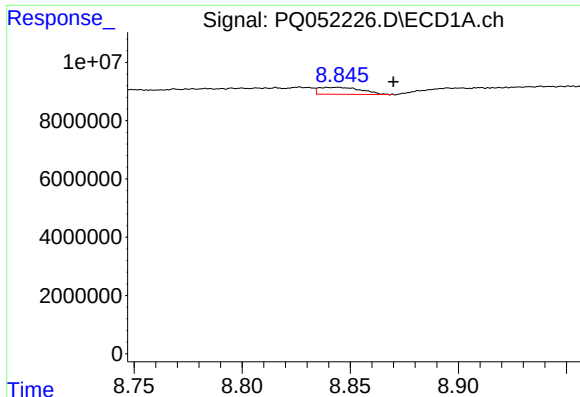
#32 AR-1260-2

R.T.: 8.514 min
Delta R.T.: 0.011 min
Response: 15934312
Conc: 12.97 ng/ml



#32 AR-1260-2

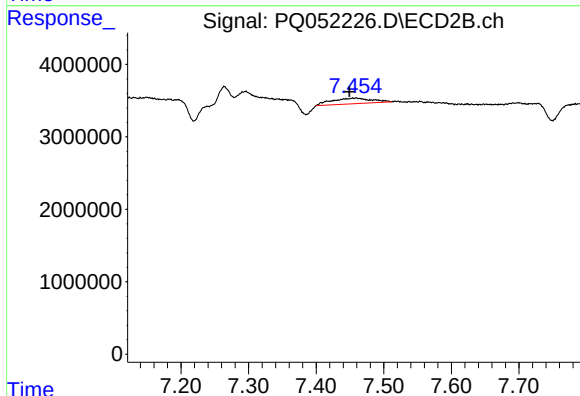
R.T.: 7.296 min
Delta R.T.: 0.004 min
Response: 11165583
Conc: 21.03 ng/ml



#33 AR-1260-3

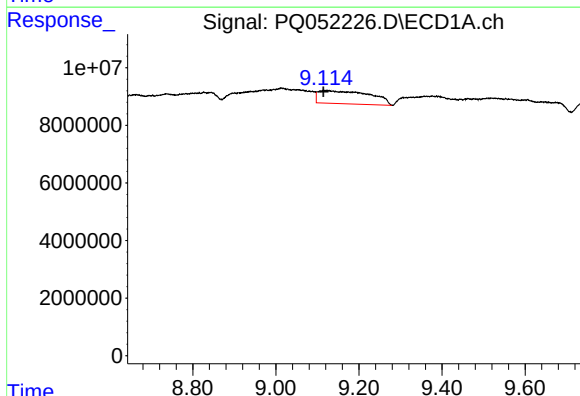
R.T.: 8.843 min
Delta R.T.: -0.027 min
Response: 3270998
Conc: 3.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



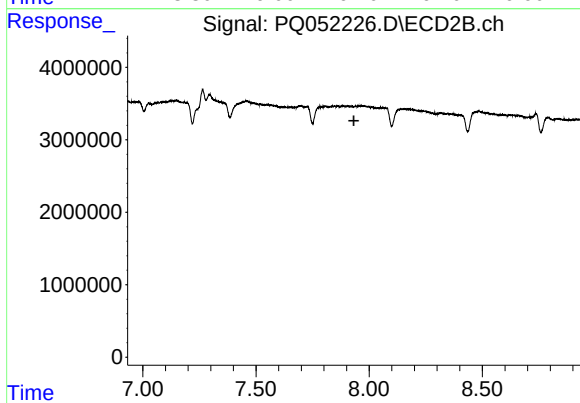
#33 AR-1260-3

R.T.: 7.454 min
Delta R.T.: 0.005 min
Response: 3144932
Conc: 6.58 ng/ml



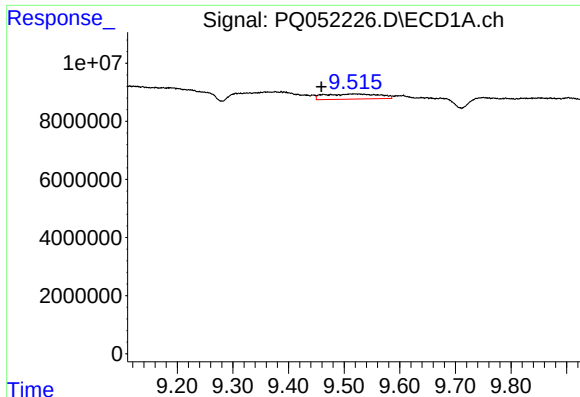
#34 AR-1260-4

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 38900911
Conc: 36.11 ng/ml



#34 AR-1260-4

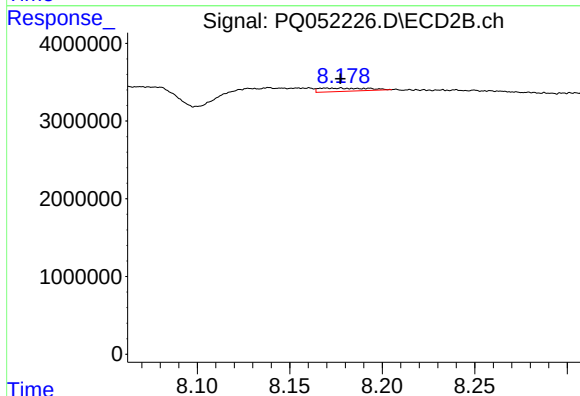
R.T.: 0.000 min
Exp R.T.: 7.932 min
Response: 0
Conc: N.D.



#35 AR-1260-5

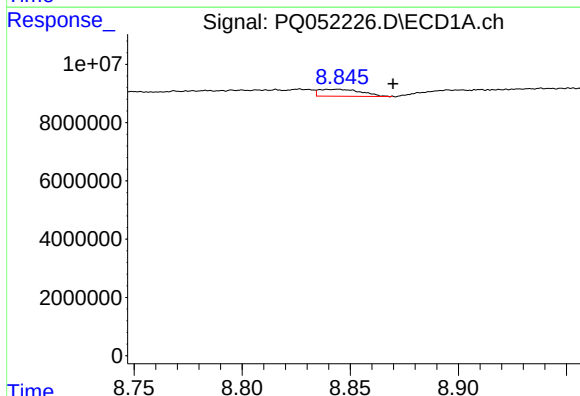
R.T.: 9.516 min
Delta R.T.: 0.057 min
Response: 12095103
Conc: 5.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



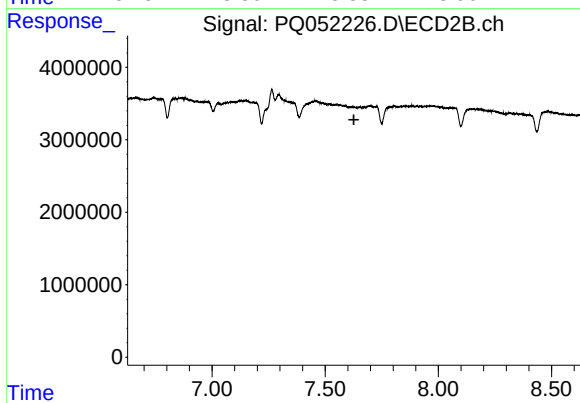
#35 AR-1260-5

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 750631
Conc: 0.70 ng/ml



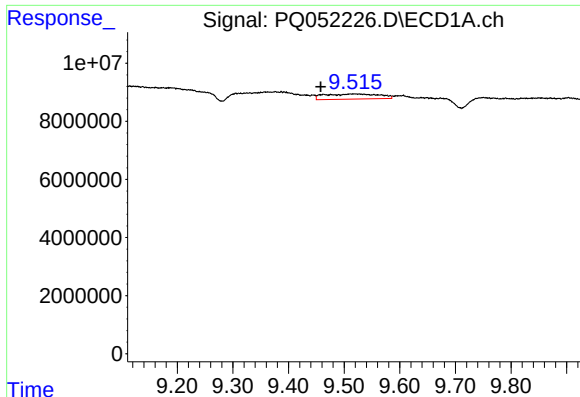
#36 AR-1262-1

R.T.: 8.843 min
Delta R.T.: -0.027 min
Response: 3270998
Conc: 2.08 ng/ml



#36 AR-1262-1

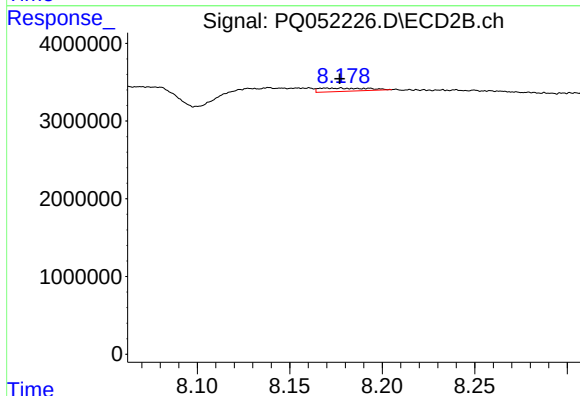
R.T.: 0.000 min
Exp R.T.: 7.627 min
Response: 0
Conc: N.D.



#37 AR-1262-2

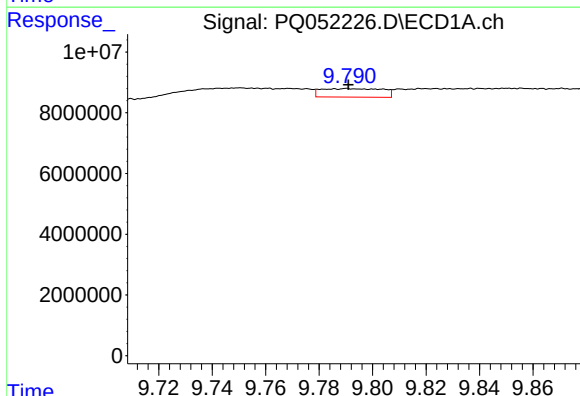
R.T.: 9.516 min
Delta R.T.: 0.058 min
Response: 12095103
Conc: 4.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



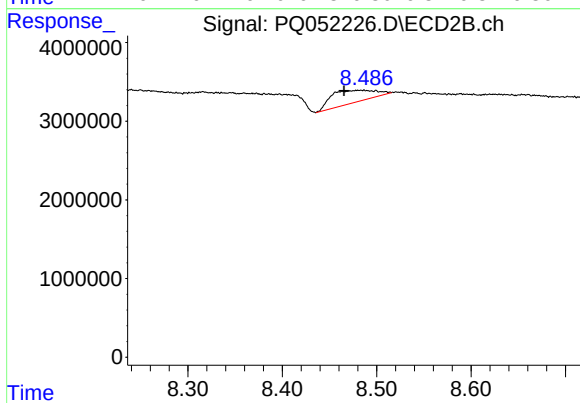
#37 AR-1262-2

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 750631
Conc: 0.56 ng/ml



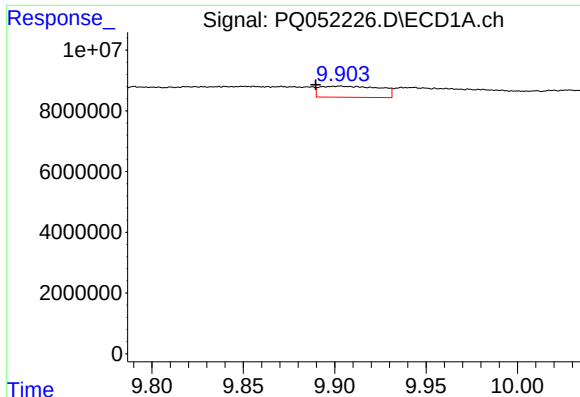
#38 AR-1262-3

R.T.: 9.790 min
Delta R.T.: 0.000 min
Response: 4452466
Conc: 2.24 ng/ml



#38 AR-1262-3

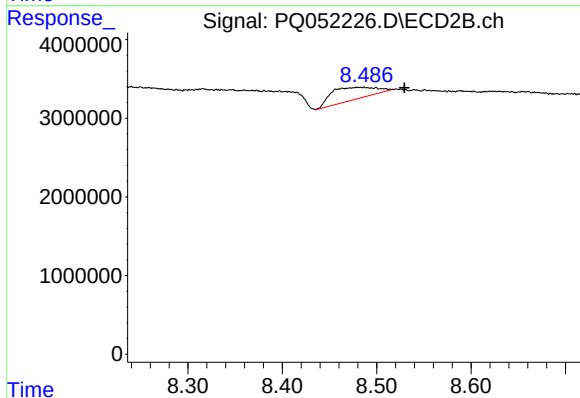
R.T.: 8.486 min
Delta R.T.: 0.021 min
Response: 5137626
Conc: 9.83 ng/ml



#39 AR-1262-4

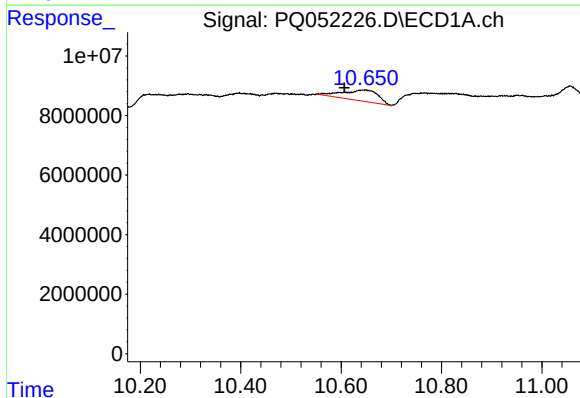
R.T.: 9.903 min
Delta R.T.: 0.013 min
Response: 8368033
Conc: 5.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



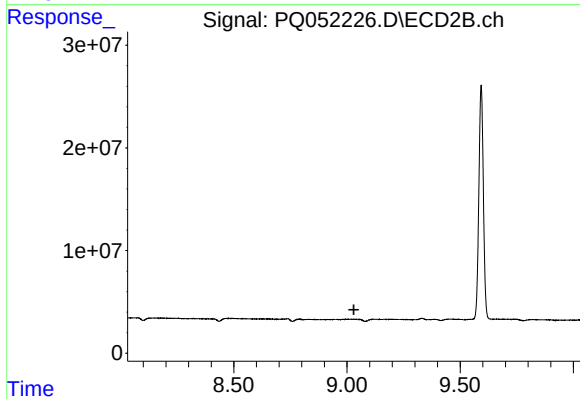
#39 AR-1262-4

R.T.: 8.486 min
Delta R.T.: -0.043 min
Response: 5137626
Conc: 5.26 ng/ml



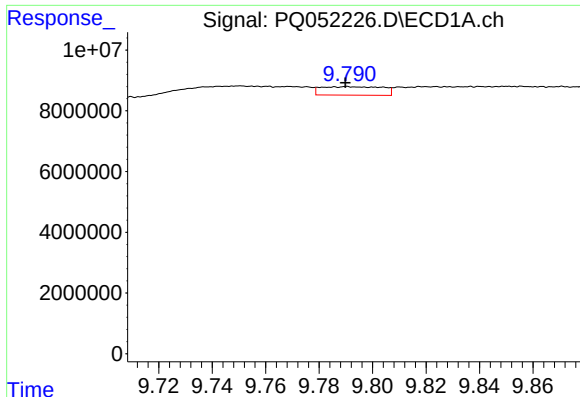
#40 AR-1262-5

R.T.: 10.648 min
Delta R.T.: 0.041 min
Response: 17953814
Conc: 16.50 ng/ml



#40 AR-1262-5

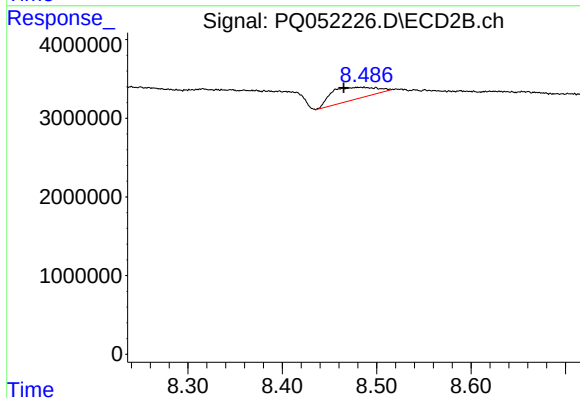
R.T.: 0.000 min
Exp R.T.: 9.031 min
Response: 0
Conc: N.D.



#41 AR-1268-1

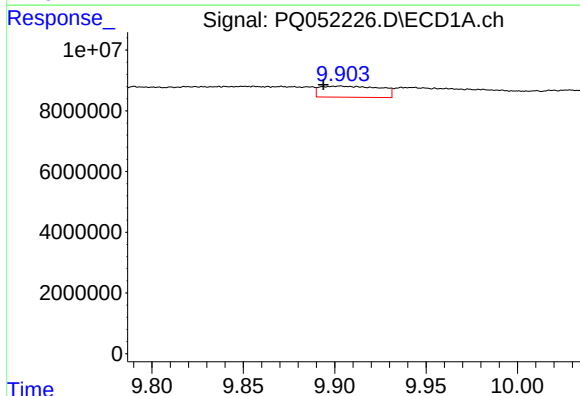
R.T.: 9.790 min
Delta R.T.: 0.000 min
Response: 4452466
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



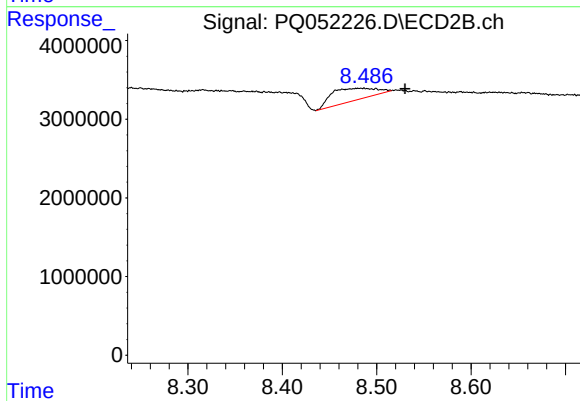
#41 AR-1268-1

R.T.: 8.486 min
Delta R.T.: 0.021 min
Response: 5137626
Conc: 3.19 ng/ml



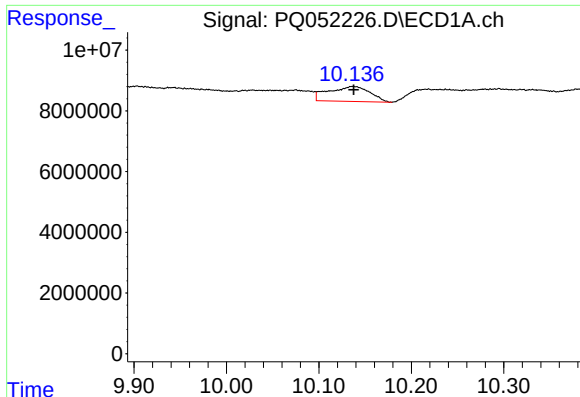
#42 AR-1268-2

R.T.: 9.903 min
Delta R.T.: 0.009 min
Response: 8368033
Conc: 2.55 ng/ml



#42 AR-1268-2

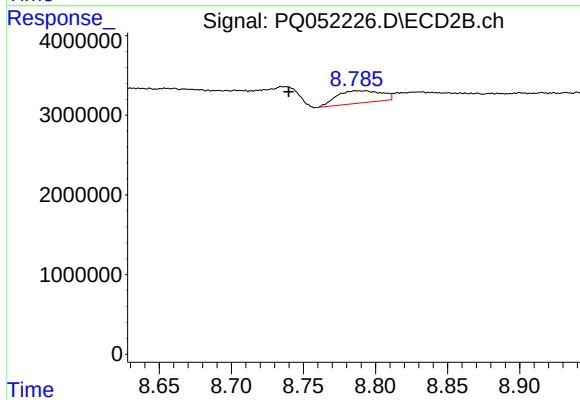
R.T.: 8.486 min
Delta R.T.: -0.044 min
Response: 5137626
Conc: 3.45 ng/ml



#43 AR-1268-3

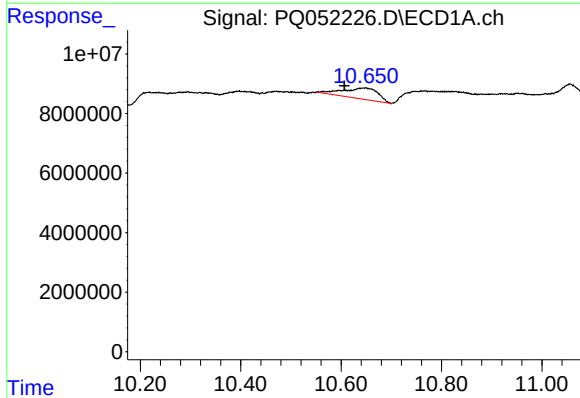
R.T.: 10.137 min
Delta R.T.: 0.000 min
Response: 15343719
Conc: 5.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



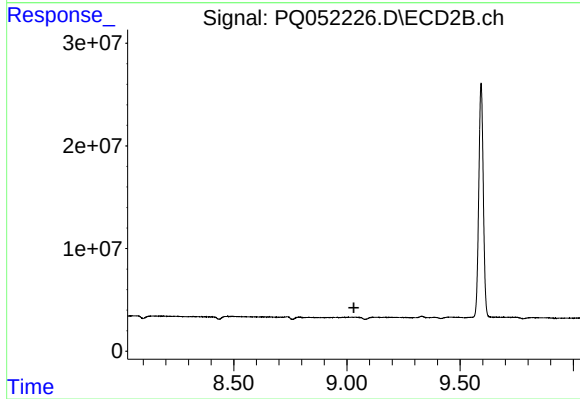
#43 AR-1268-3

R.T.: 8.793 min
Delta R.T.: 0.053 min
Response: 3357733
Conc: 2.68 ng/ml



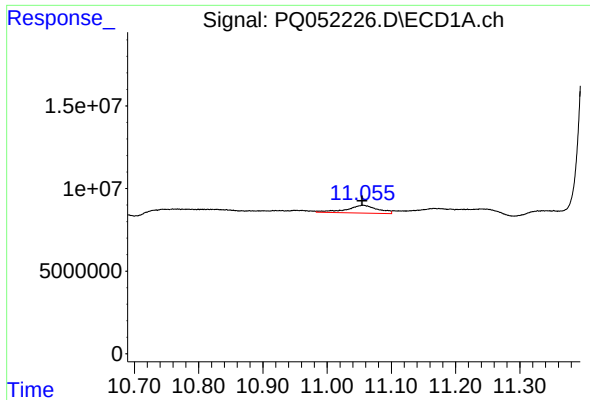
#44 AR-1268-4

R.T.: 10.648 min
Delta R.T.: 0.041 min
Response: 17953814
Conc: 14.72 ng/ml



#44 AR-1268-4

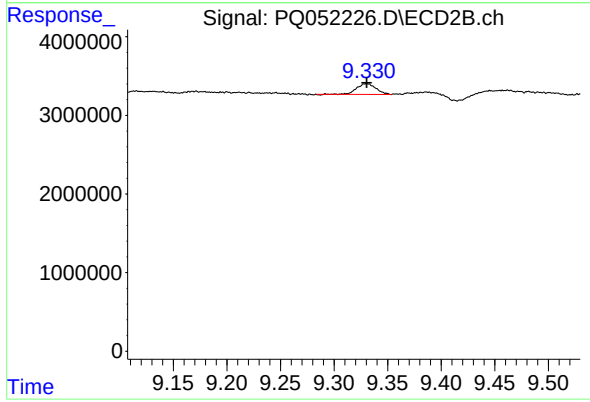
R.T.: 0.000 min
Exp R.T. : 9.031 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.056 min
Delta R.T.: 0.001 min
Response: 15873679
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.331 min
Delta R.T.: 0.000 min
Response: 1687541
Conc: 0.42 ng/ml