

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 09:25
 Operator : AJ\MA
 Sample : 02213-03
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:17:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.687	2.900	61313383	78138258	20.083	18.360
2)	SA Decachlor...	9.655	8.125	63049784	87126051	22.226	20.041
Target Compounds							
3)	L1 AR-1016-1	4.921	4.009	703239	306263	6.352	2.071 #
4)	L1 AR-1016-2	4.942	4.025	641344	627126	4.121	2.956 #
5)	L1 AR-1016-3	5.031f	4.203	1181596	153116	12.111	1.389 #
7)	L1 AR-1016-5	0.000	4.466	0	369239	N.D.	3.233 #
8)	L2 AR-1221-1	3.909	3.123	1342341	1573923	33.883	33.139
9)	L2 AR-1221-2	4.001	3.203	1473091	1985953	50.735	55.983
10)	L2 AR-1221-3	4.079	3.285	2525974	2806378	28.253	24.799
11)	L3 AR-1232-1	4.079	3.285	2525974	2806378	33.932	30.082
12)	L3 AR-1232-2	4.634	4.025	299371	627126	8.235	6.857
13)	L3 AR-1232-3	4.942	4.203	641344	153116	9.102	3.305 #
14)	L3 AR-1232-4	0.000	4.287	0	141905	N.D.	3.476 #
15)	L3 AR-1232-5	5.218	4.466	130009	369239	4.961	7.858 #
16)	L4 AR-1242-1	4.921	4.009	703239	306263	7.969	2.637 #
17)	L4 AR-1242-2	4.942	4.025	641344	627126	5.170	3.761 #
18)	L4 AR-1242-3	5.031f	4.203	1181596	153116	15.123	1.785 #
19)	L4 AR-1242-4	0.000	4.287	0	141905	N.D.	1.754 #
20)	L4 AR-1242-5	5.907	4.867f	1017698	1470614	14.699	13.651
21)	L5 AR-1248-1	4.921	4.009	703239	306263	10.582	3.562 #
22)	L5 AR-1248-2	5.218	0.000	130009	0	1.464	N.D. #
23)	L5 AR-1248-3	0.000	4.287	0	141905	N.D.	1.164 #
24)	L5 AR-1248-4	5.842f	4.466	627377	369239	5.218	2.446 #
25)	L5 AR-1248-5	5.907	4.867	1017698	1470614	8.597	9.568
26)	L6 AR-1254-1	5.842	4.867f	627377	1470614	5.209	6.083
27)	L6 AR-1254-2	6.072	0.000	628485	0	3.296	N.D. #
28)	L6 AR-1254-3	6.458	0.000	675663	0	3.293	N.D. #
29)	L6 AR-1254-4	6.812f	5.670	2665913	433697	17.125	1.967 #
30)	L6 AR-1254-5	7.255	6.101	520504	379365	3.094	1.184 #
31)	L7 AR-1260-1	0.000	5.549	0	854576	N.D.	3.487 #
32)	L7 AR-1260-2	6.918f	5.773	784419	1327803	4.065	4.272
33)	L7 AR-1260-3	7.313f	5.925	369837	246939	2.598	0.880 #
34)	L7 AR-1260-4	7.565	6.446f	893873	1085860	5.468	4.511
35)	L7 AR-1260-5	7.908	6.713f	220640	678469	0.698	1.165 #
36)	L8 AR-1262-1	7.313f	6.155	369837	60947	1.957	0.193 #
37)	L8 AR-1262-2	7.908	6.446f	220640	1085860	0.655	3.768 #
39)	L8 AR-1262-4	8.296f	7.053	1926371	480818	10.946	1.118 #
40)	L8 AR-1262-5	8.965	0.000	1149419	0	9.175	N.D. #
42)	L9 AR-1268-2	8.296f	7.053	1926371	480818	5.121	0.719 #
43)	L9 AR-1268-3	8.542	7.281	129759	633692	0.405	1.115 #
44)	L9 AR-1268-4	8.965	0.000	1149419	0	7.999	N.D. #

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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.341	7.885	105041	921870	0.099	0.490 #

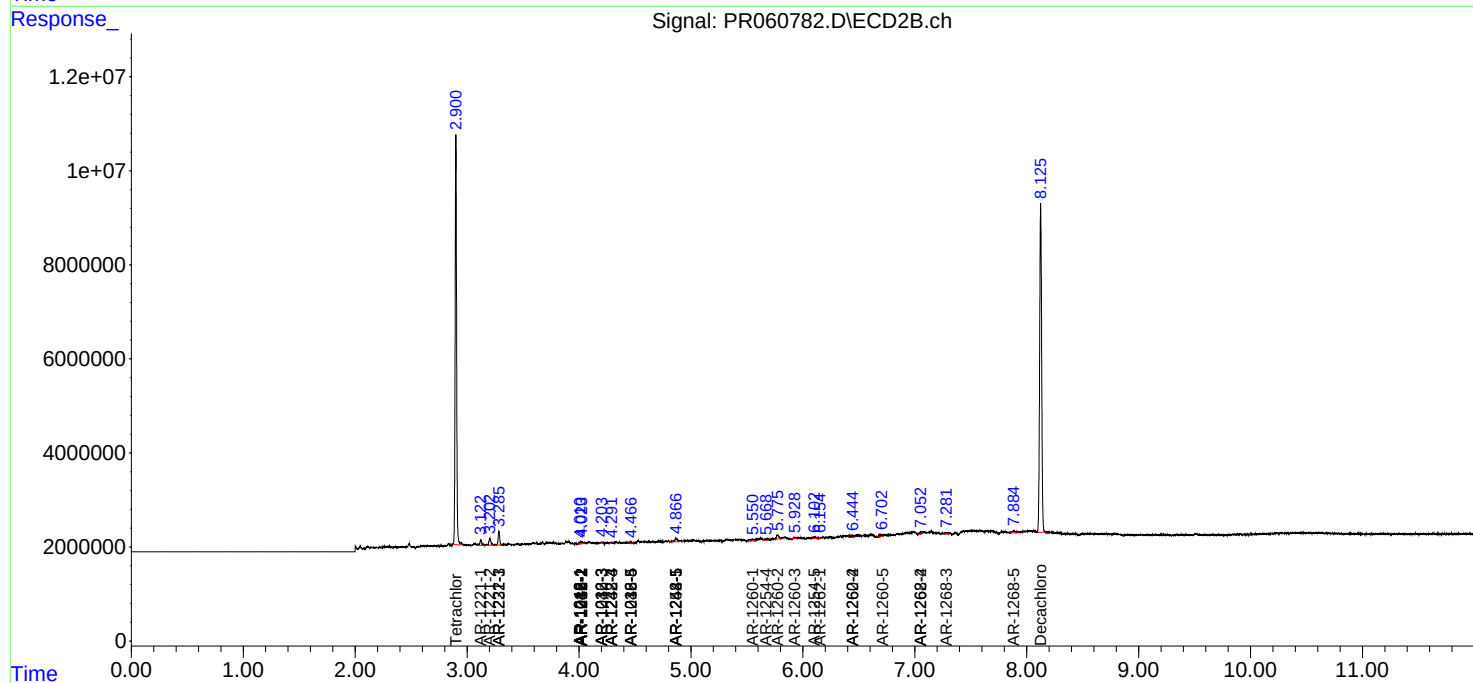
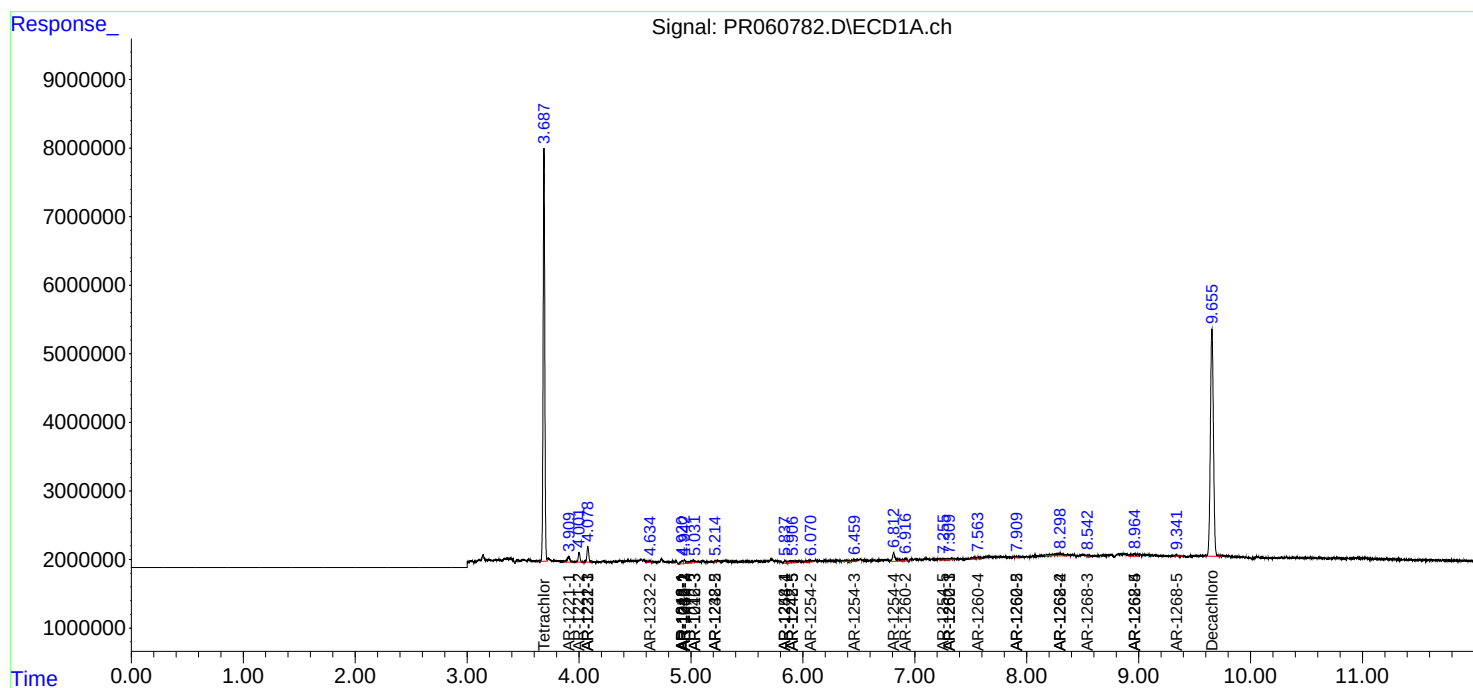
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

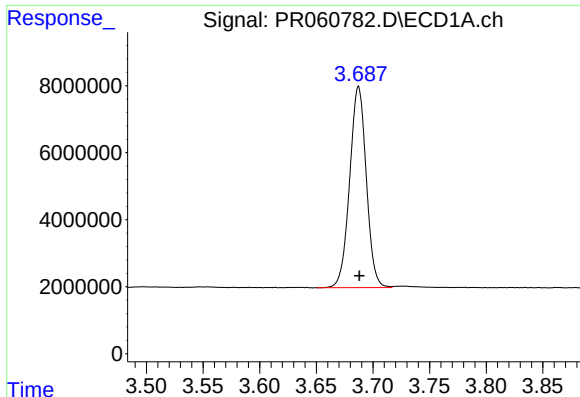
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
Data File : PR060782.D
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Acq On : 08 Apr 2023 09:25
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Sample : 02213-03
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

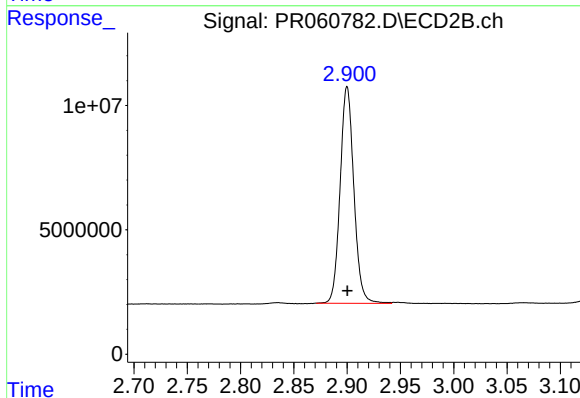




#1 Tetrachloro-m-xylene

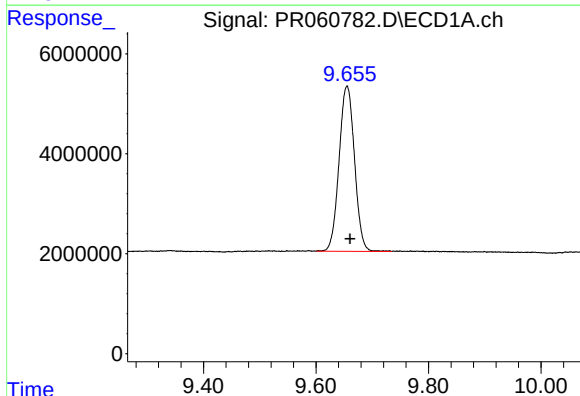
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 61313383
Conc: 20.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



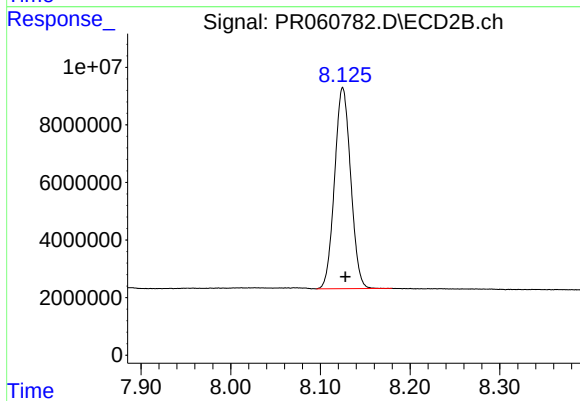
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 78138258
Conc: 18.36 ng/ml



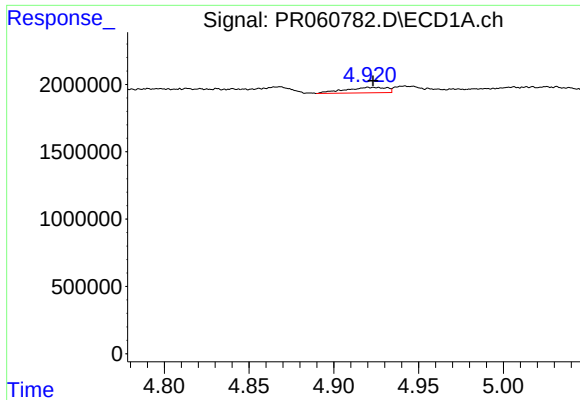
#2 Decachlorobiphenyl

R.T.: 9.655 min
Delta R.T.: -0.006 min
Response: 63049784
Conc: 22.23 ng/ml



#2 Decachlorobiphenyl

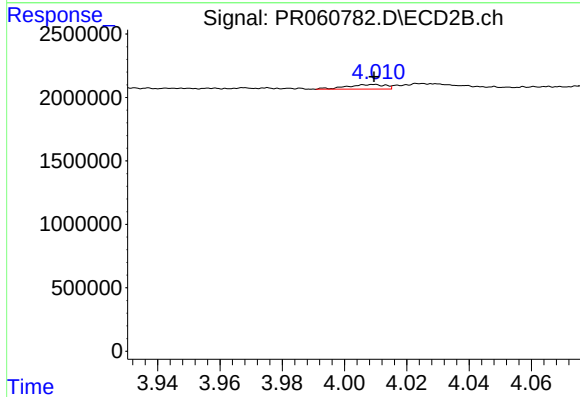
R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 87126051
Conc: 20.04 ng/ml



#3 AR-1016-1

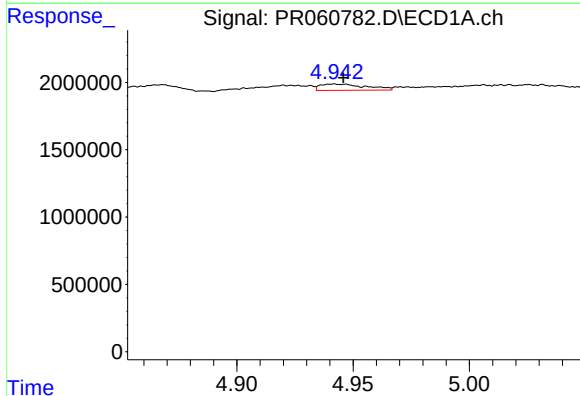
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 703239
Conc: 6.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



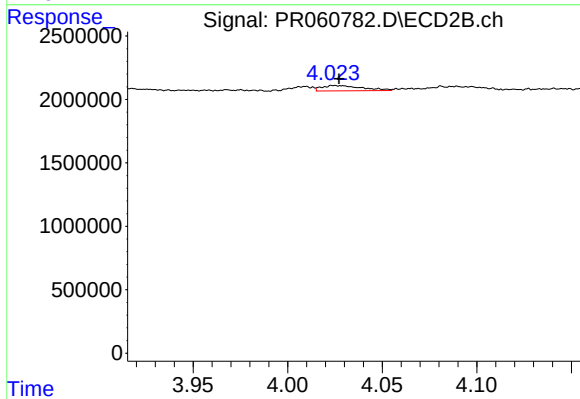
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 306263
Conc: 2.07 ng/ml



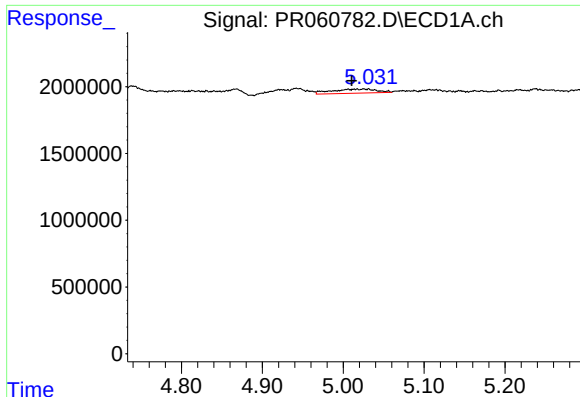
#4 AR-1016-2

R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 641344
Conc: 4.12 ng/ml



#4 AR-1016-2

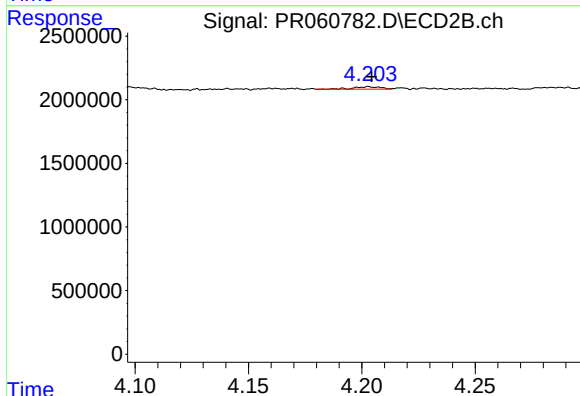
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 627126
Conc: 2.96 ng/ml



#5 AR-1016-3

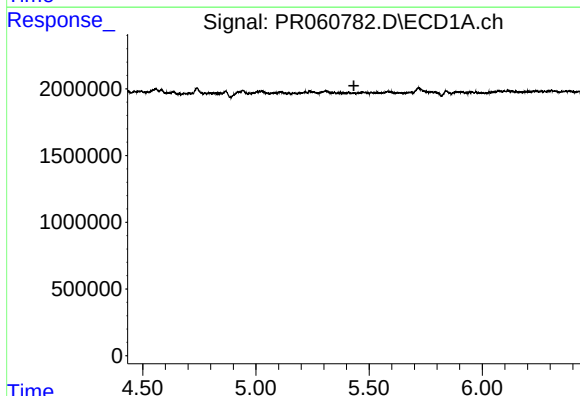
R.T.: 5.031 min
Delta R.T.: 0.021 min
Response: 1181596
Conc: 12.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



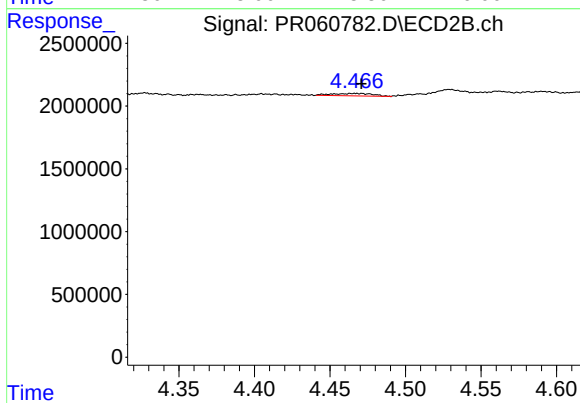
#5 AR-1016-3

R.T.: 4.203 min
Delta R.T.: -0.001 min
Response: 153116
Conc: 1.39 ng/ml



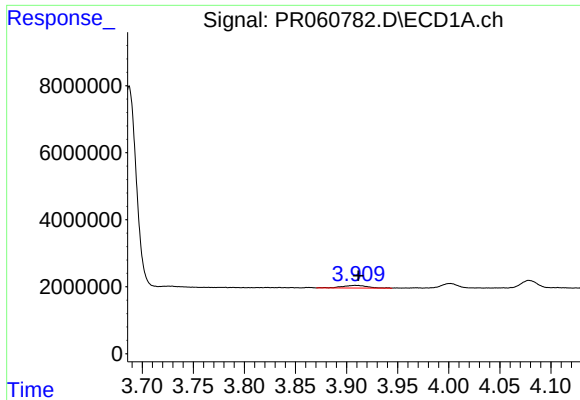
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.433 min
Response: 0
Conc: N.D.



#7 AR-1016-5

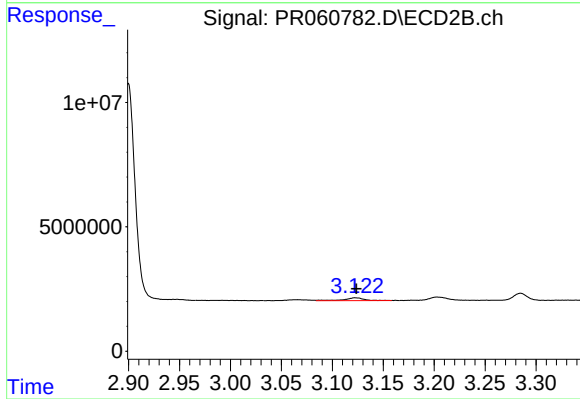
R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 369239
Conc: 3.23 ng/ml



#8 AR-1221-1

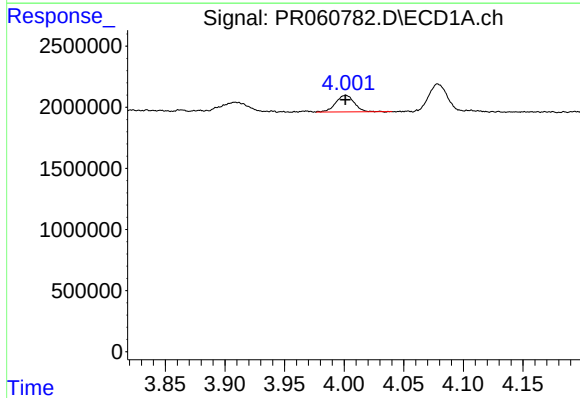
R.T.: 3.909 min
Delta R.T.: -0.003 min
Response: 1342341
Conc: 33.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



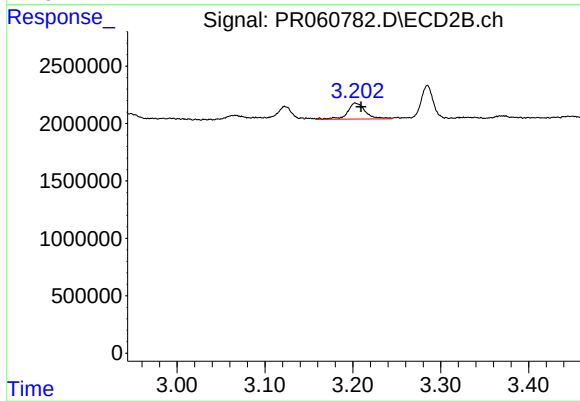
#8 AR-1221-1

R.T.: 3.123 min
Delta R.T.: -0.001 min
Response: 1573923
Conc: 33.14 ng/ml



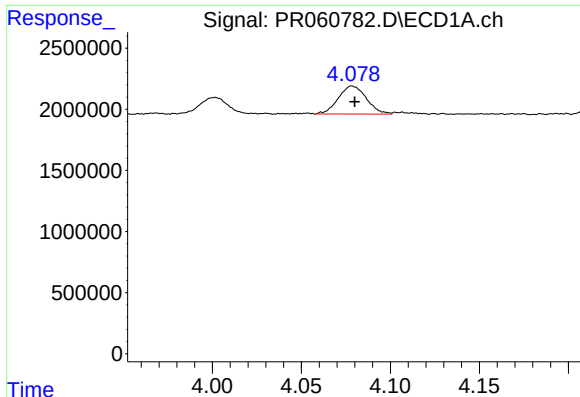
#9 AR-1221-2

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 1473091
Conc: 50.73 ng/ml



#9 AR-1221-2

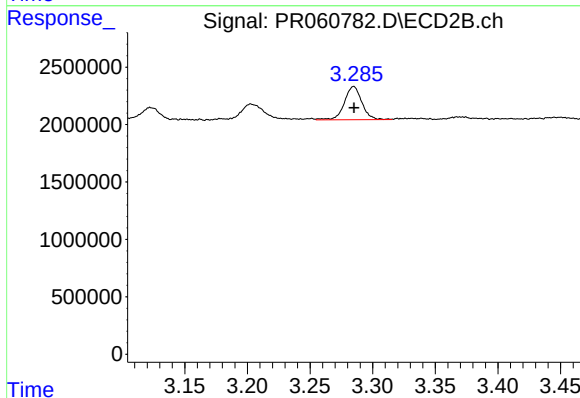
R.T.: 3.203 min
Delta R.T.: -0.006 min
Response: 1985953
Conc: 55.98 ng/ml



#10 AR-1221-3

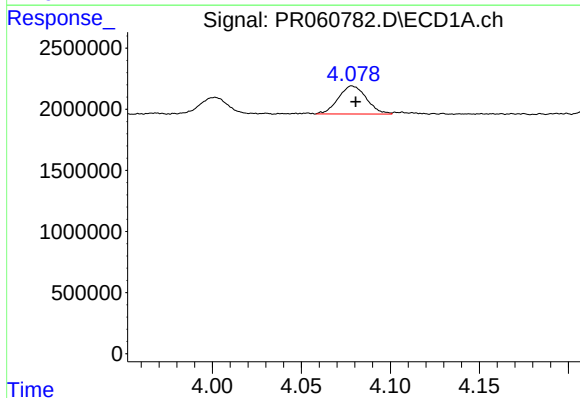
R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 2525974
Conc: 28.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



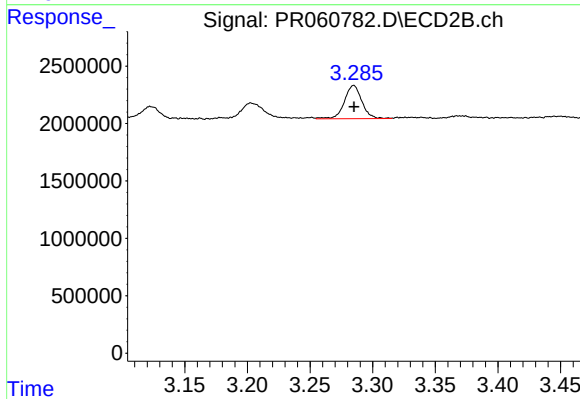
#10 AR-1221-3

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2806378
Conc: 24.80 ng/ml



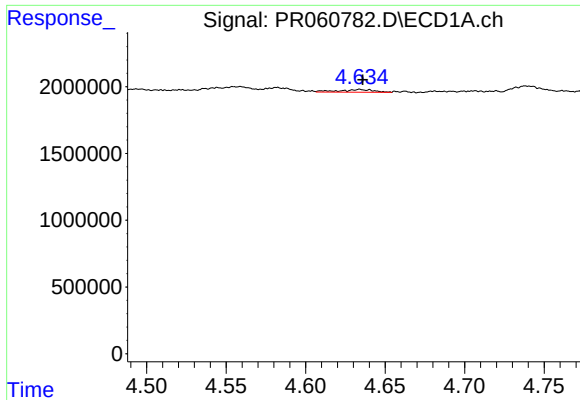
#11 AR-1232-1

R.T.: 4.079 min
Delta R.T.: -0.002 min
Response: 2525974
Conc: 33.93 ng/ml



#11 AR-1232-1

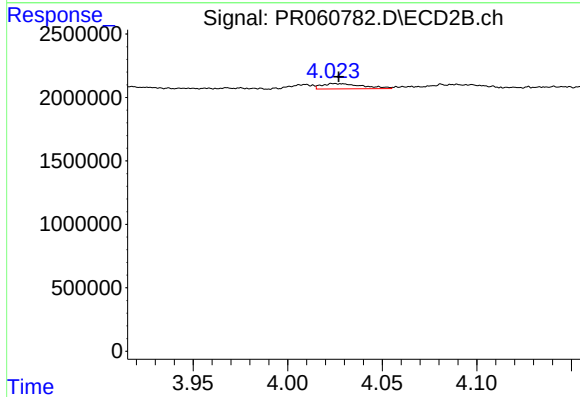
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2806378
Conc: 30.08 ng/ml



#12 AR-1232-2

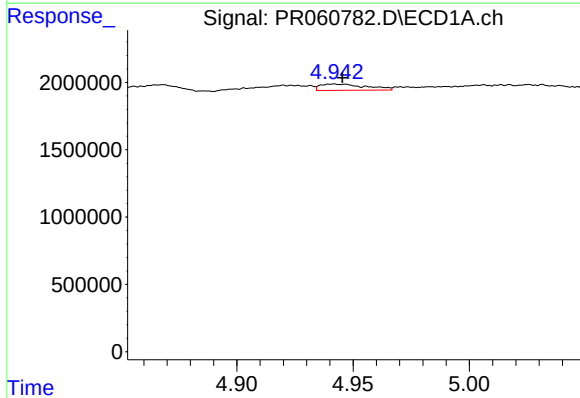
R.T.: 4.634 min
Delta R.T.: -0.002 min
Response: 299371
Conc: 8.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



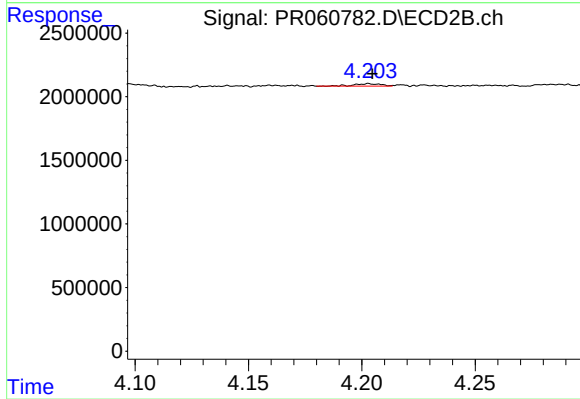
#12 AR-1232-2

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 627126
Conc: 6.86 ng/ml



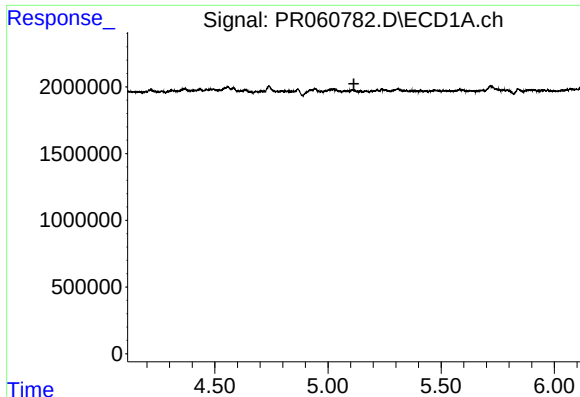
#13 AR-1232-3

R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 641344
Conc: 9.10 ng/ml



#13 AR-1232-3

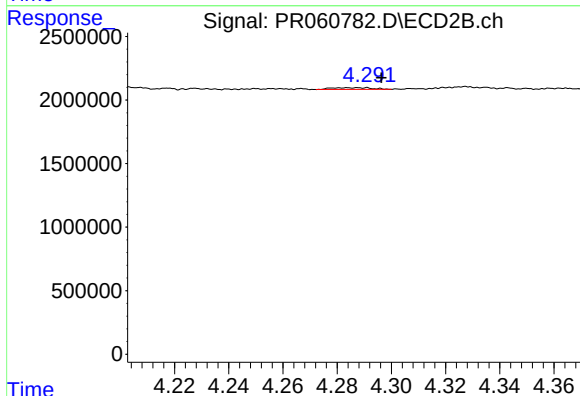
R.T.: 4.203 min
Delta R.T.: -0.001 min
Response: 153116
Conc: 3.31 ng/ml



#14 AR-1232-4

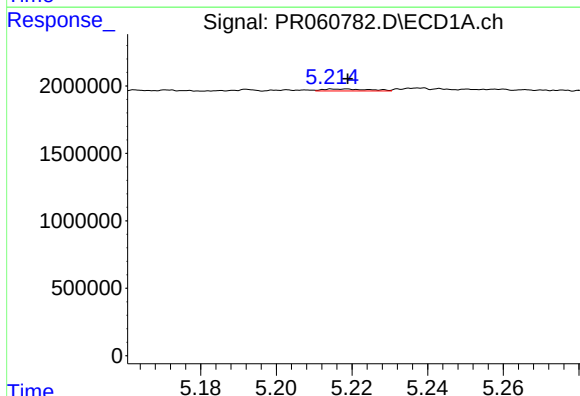
R.T.: 0.000 min
Exp R.T.: 5.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



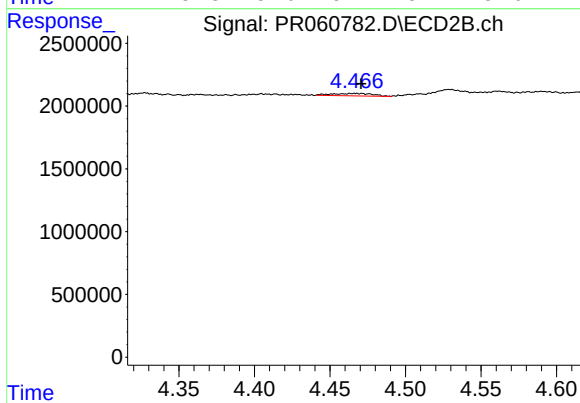
#14 AR-1232-4

R.T.: 4.287 min
Delta R.T.: -0.010 min
Response: 141905
Conc: 3.48 ng/ml



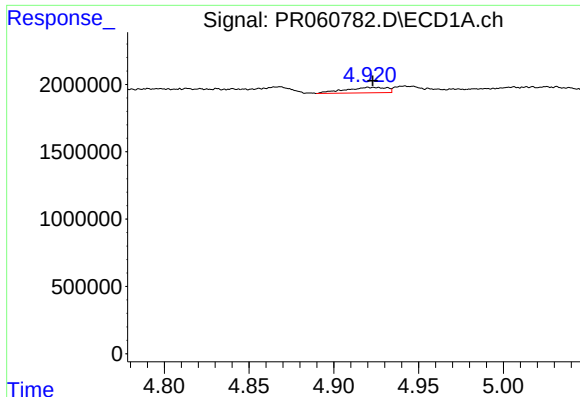
#15 AR-1232-5

R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 130009
Conc: 4.96 ng/ml



#15 AR-1232-5

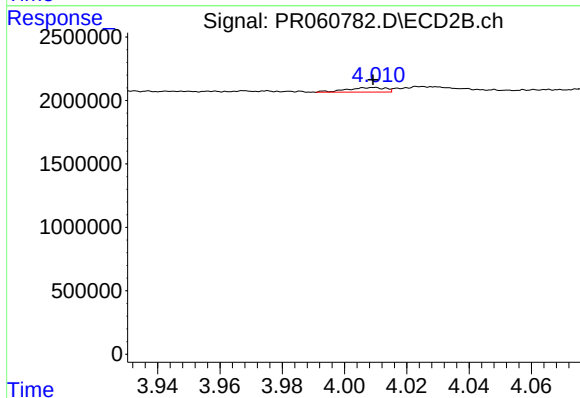
R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 369239
Conc: 7.86 ng/ml



#16 AR-1242-1

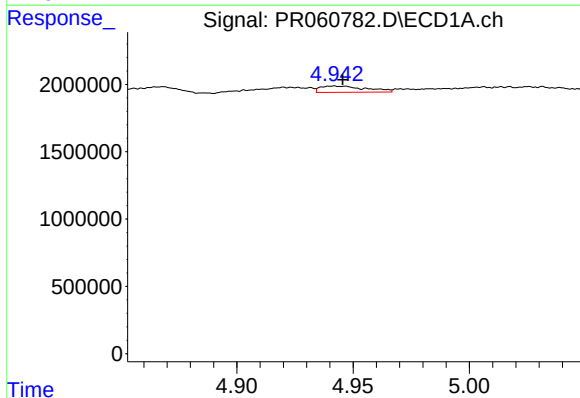
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 703239
Conc: 7.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



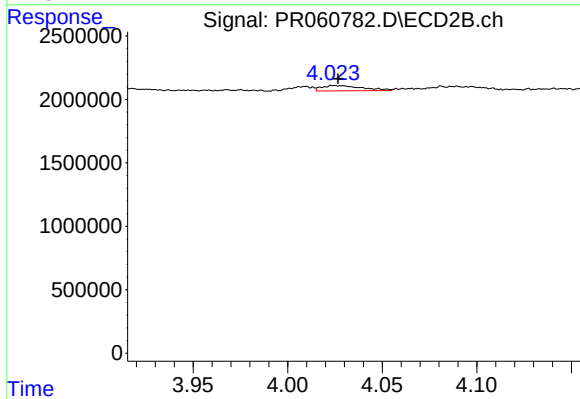
#16 AR-1242-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 306263
Conc: 2.64 ng/ml



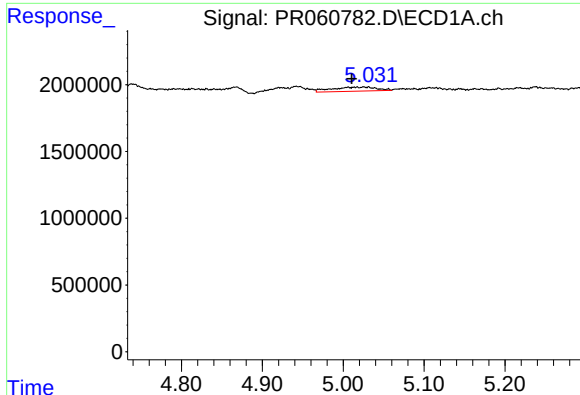
#17 AR-1242-2

R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 641344
Conc: 5.17 ng/ml



#17 AR-1242-2

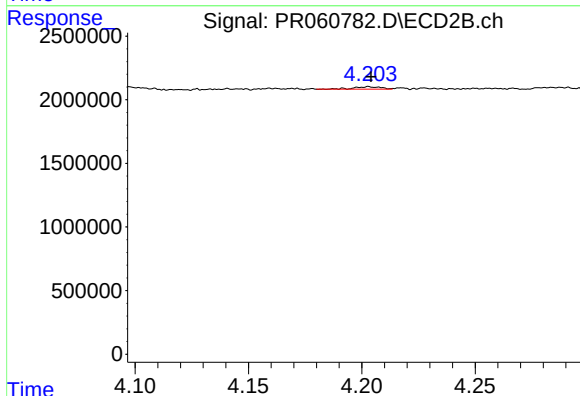
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 627126
Conc: 3.76 ng/ml



#18 AR-1242-3

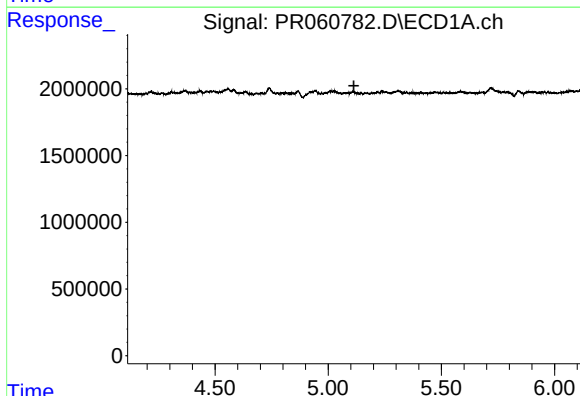
R.T.: 5.031 min
Delta R.T.: 0.021 min
Response: 1181596
Conc: 15.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



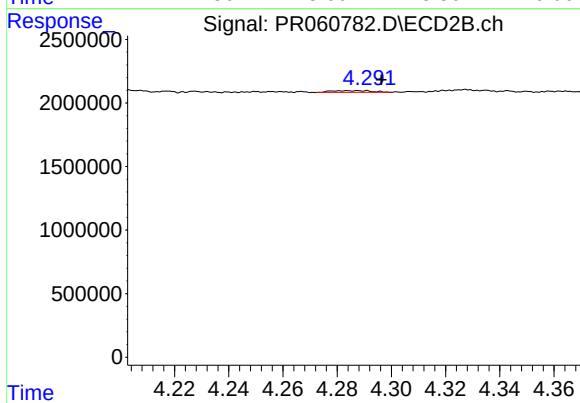
#18 AR-1242-3

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 153116
Conc: 1.78 ng/ml



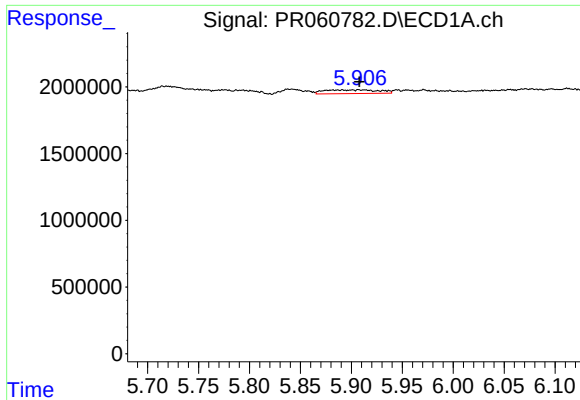
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.113 min
Response: 0
Conc: N.D.



#19 AR-1242-4

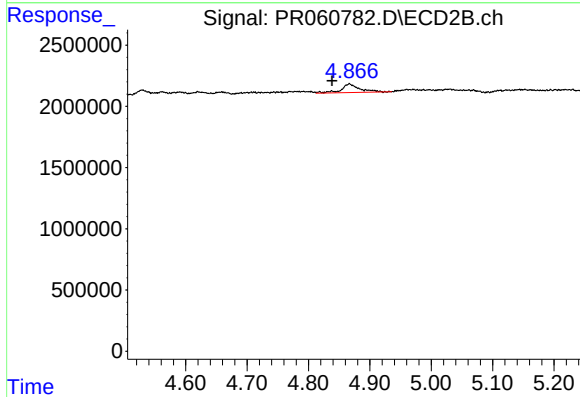
R.T.: 4.287 min
Delta R.T.: -0.010 min
Response: 141905
Conc: 1.75 ng/ml



#20 AR-1242-5

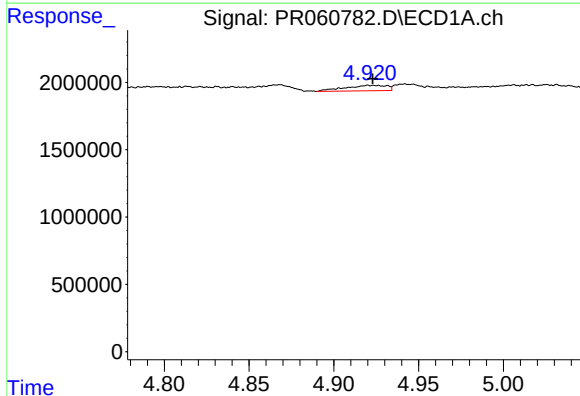
R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 1017698
Conc: 14.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



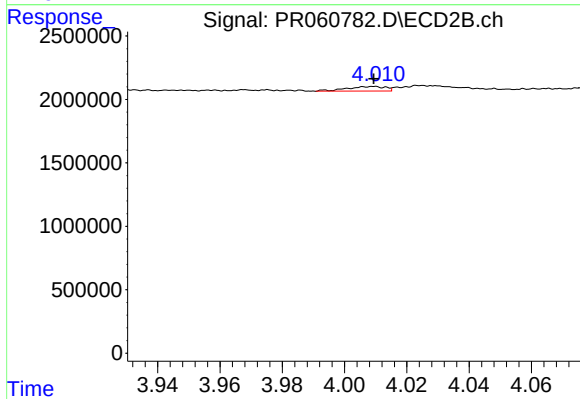
#20 AR-1242-5

R.T.: 4.867 min
Delta R.T.: 0.028 min
Response: 1470614
Conc: 13.65 ng/ml



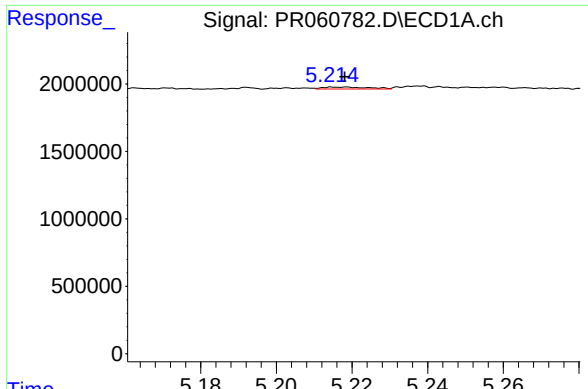
#21 AR-1248-1

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 703239
Conc: 10.58 ng/ml



#21 AR-1248-1

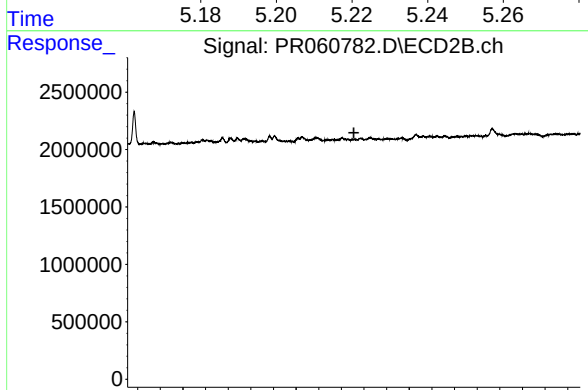
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 306263
Conc: 3.56 ng/ml



#22 AR-1248-2

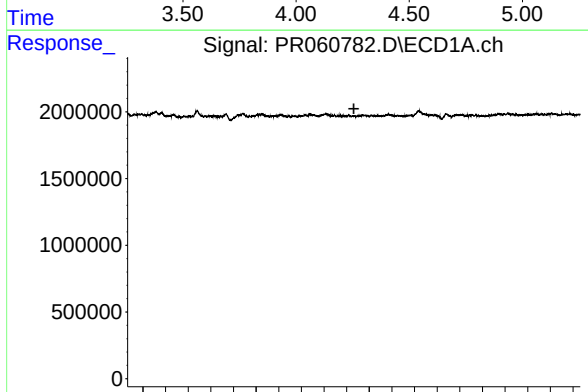
R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 130009
Conc: 1.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



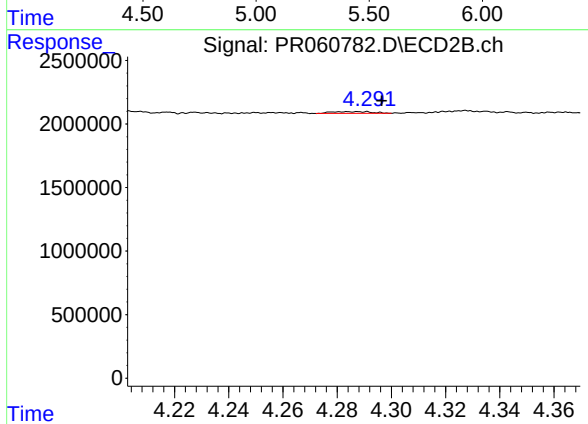
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.256 min
Response: 0
Conc: N.D.



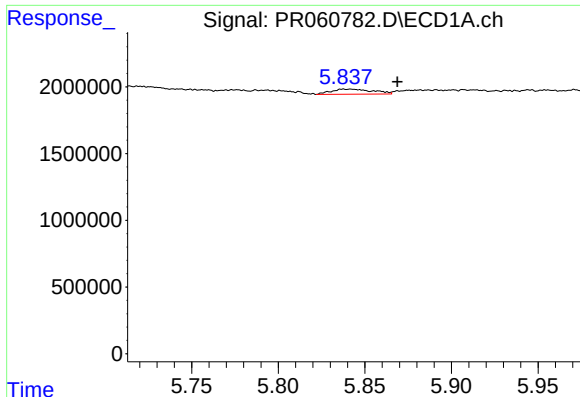
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.432 min
Response: 0
Conc: N.D.



#23 AR-1248-3

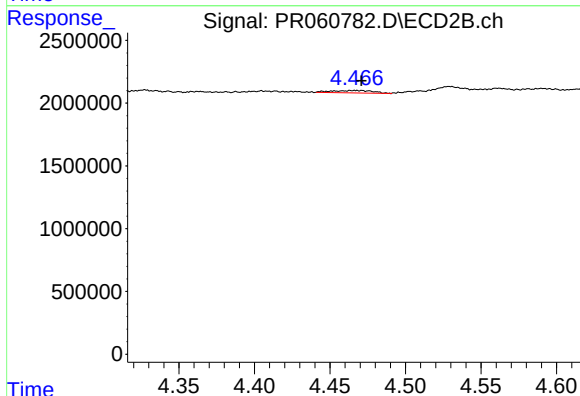
R.T.: 4.287 min
Delta R.T.: -0.010 min
Response: 141905
Conc: 1.16 ng/ml



#24 AR-1248-4

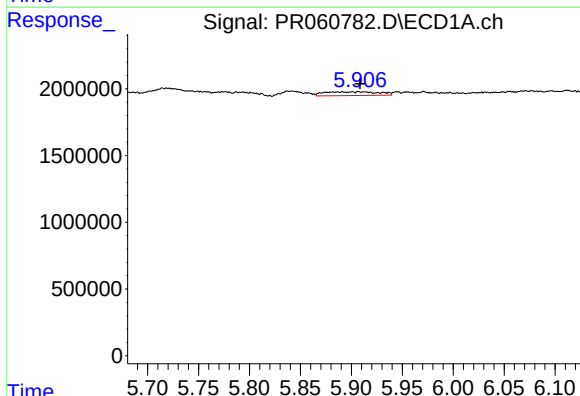
R.T.: 5.842 min
Delta R.T.: -0.027 min
Response: 627377
Conc: 5.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



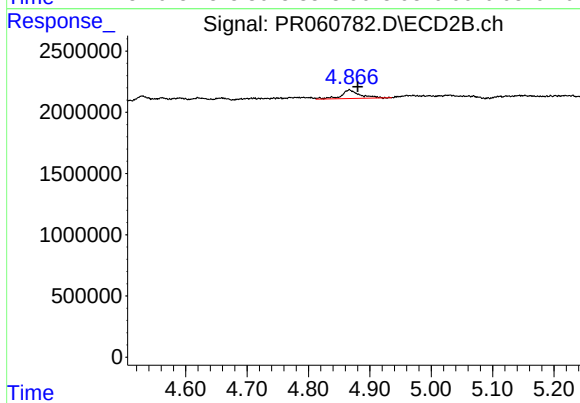
#24 AR-1248-4

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 369239
Conc: 2.45 ng/ml



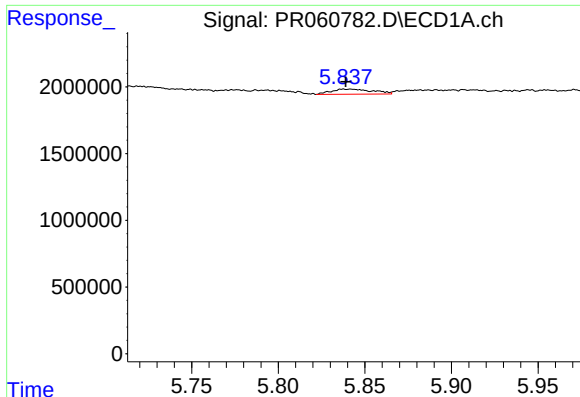
#25 AR-1248-5

R.T.: 5.907 min
Delta R.T.: -0.001 min
Response: 1017698
Conc: 8.60 ng/ml



#25 AR-1248-5

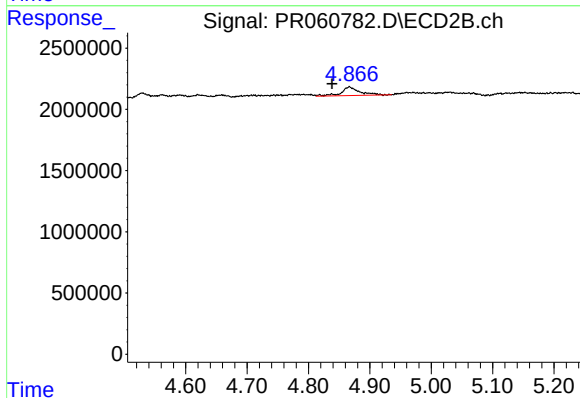
R.T.: 4.867 min
Delta R.T.: -0.014 min
Response: 1470614
Conc: 9.57 ng/ml



#26 AR-1254-1

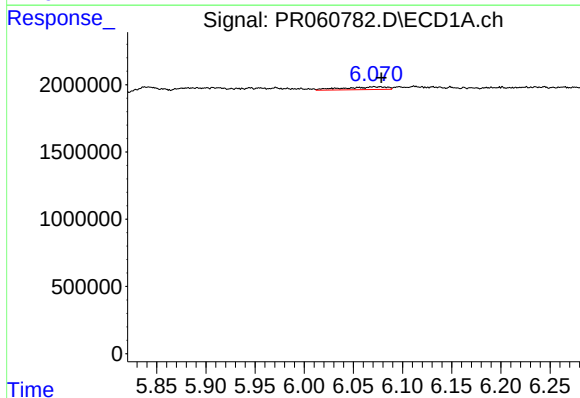
R.T.: 5.842 min
Delta R.T.: 0.003 min
Response: 627377
Conc: 5.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



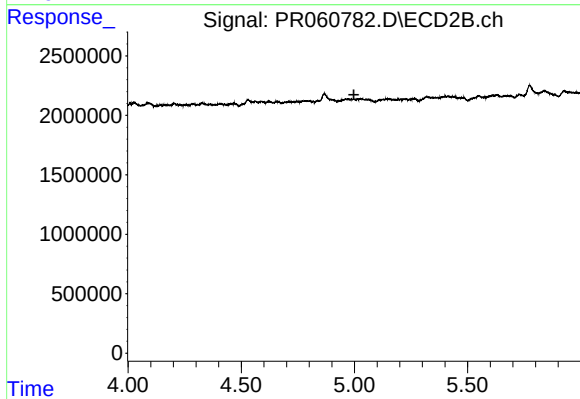
#26 AR-1254-1

R.T.: 4.867 min
Delta R.T.: 0.028 min
Response: 1470614
Conc: 6.08 ng/ml



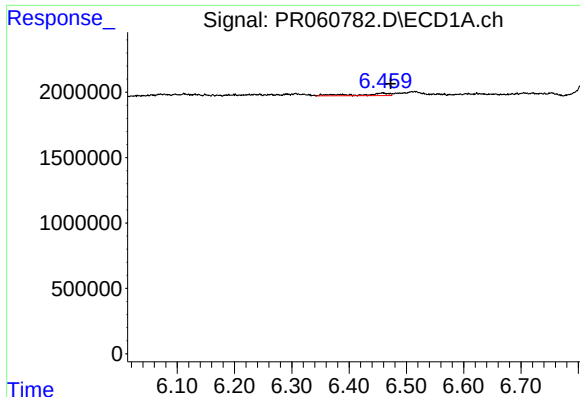
#27 AR-1254-2

R.T.: 6.072 min
Delta R.T.: -0.007 min
Response: 628485
Conc: 3.30 ng/ml



#27 AR-1254-2

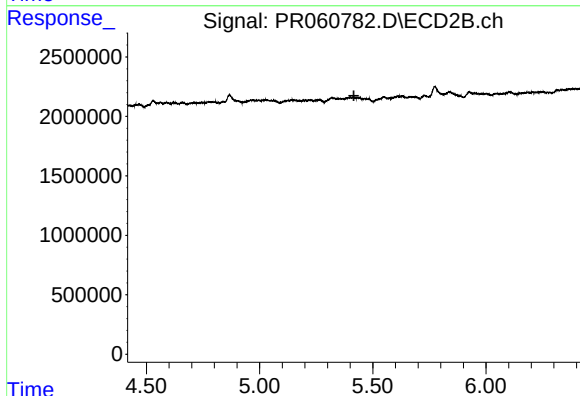
R.T.: 0.000 min
Exp R.T.: 4.997 min
Response: 0
Conc: N.D.



#28 AR-1254-3

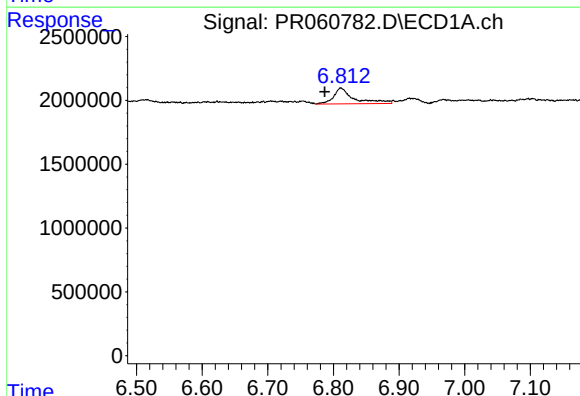
R.T.: 6.458 min
Delta R.T.: -0.014 min
Response: 675663
Conc: 3.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



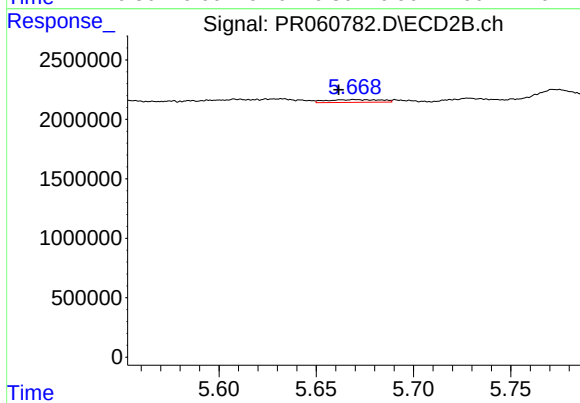
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.417 min
Response: 0
Conc: N.D.



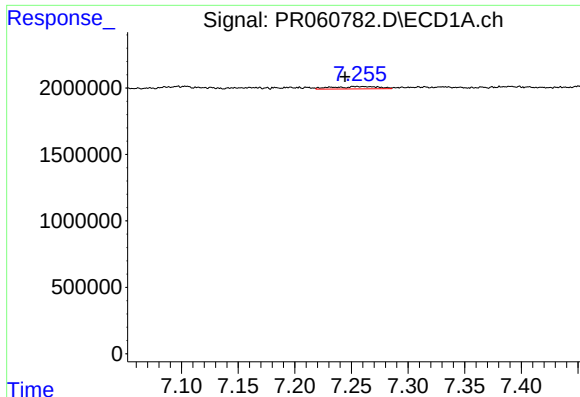
#29 AR-1254-4

R.T.: 6.812 min
Delta R.T.: 0.025 min
Response: 2665913
Conc: 17.12 ng/ml



#29 AR-1254-4

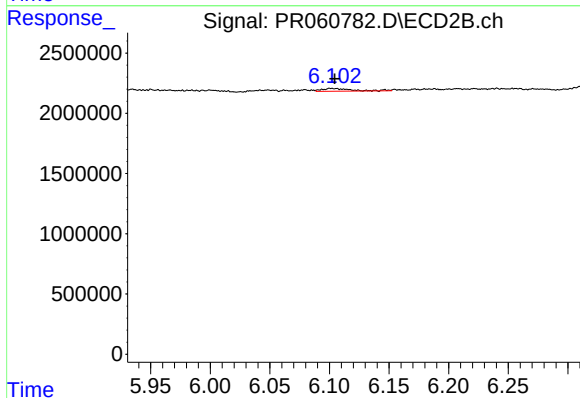
R.T.: 5.670 min
Delta R.T.: 0.008 min
Response: 433697
Conc: 1.97 ng/ml



#30 AR-1254-5

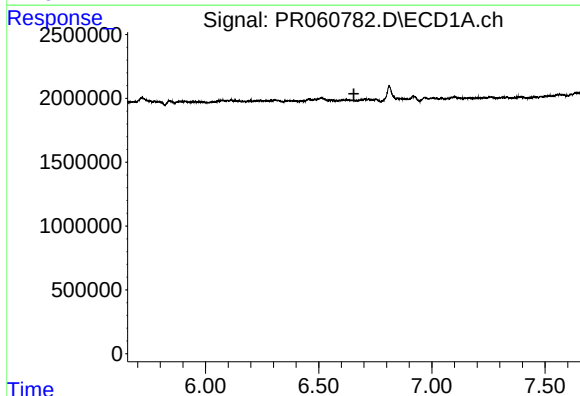
R.T.: 7.255 min
Delta R.T.: 0.011 min
Response: 520504
Conc: 3.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



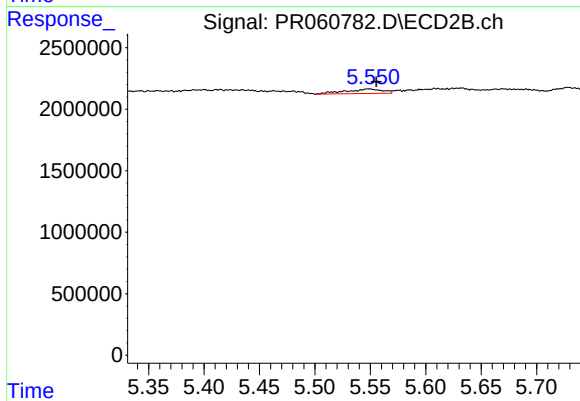
#30 AR-1254-5

R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 379365
Conc: 1.18 ng/ml



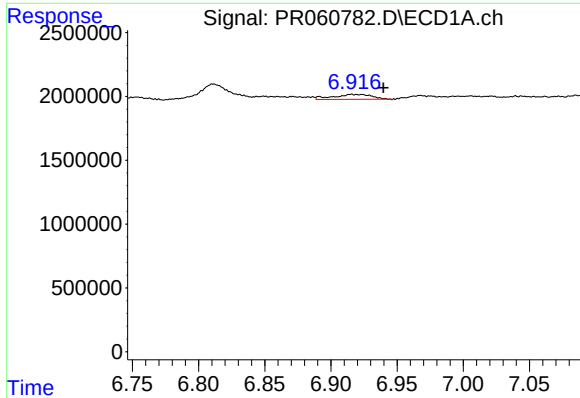
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.



#31 AR-1260-1

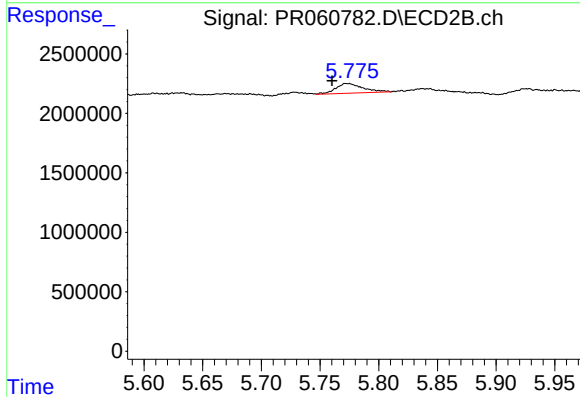
R.T.: 5.549 min
Delta R.T.: -0.007 min
Response: 854576
Conc: 3.49 ng/ml



#32 AR-1260-2

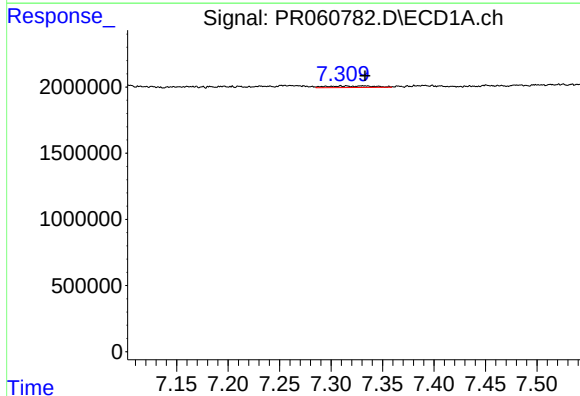
R.T.: 6.918 min
Delta R.T.: -0.022 min
Response: 784419
Conc: 4.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



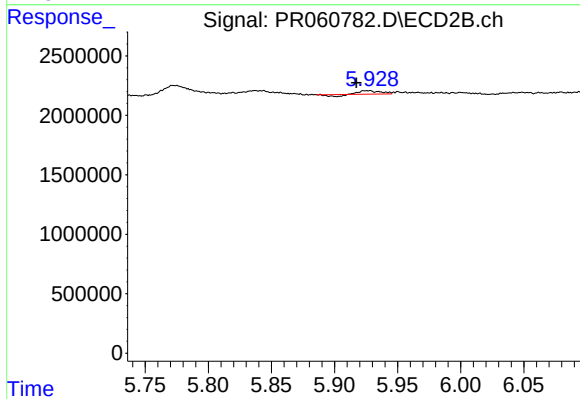
#32 AR-1260-2

R.T.: 5.773 min
Delta R.T.: 0.013 min
Response: 1327803
Conc: 4.27 ng/ml



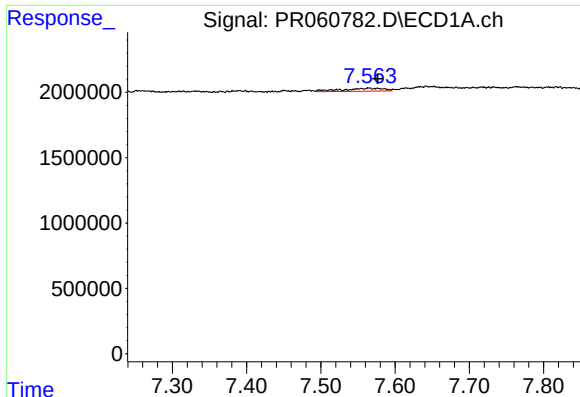
#33 AR-1260-3

R.T.: 7.313 min
Delta R.T.: -0.020 min
Response: 369837
Conc: 2.60 ng/ml



#33 AR-1260-3

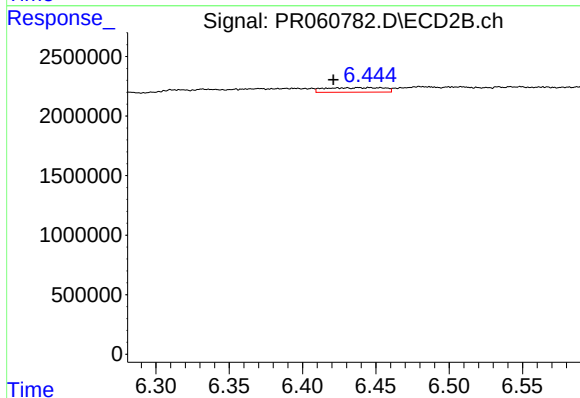
R.T.: 5.925 min
Delta R.T.: 0.007 min
Response: 246939
Conc: 0.88 ng/ml



#34 AR-1260-4

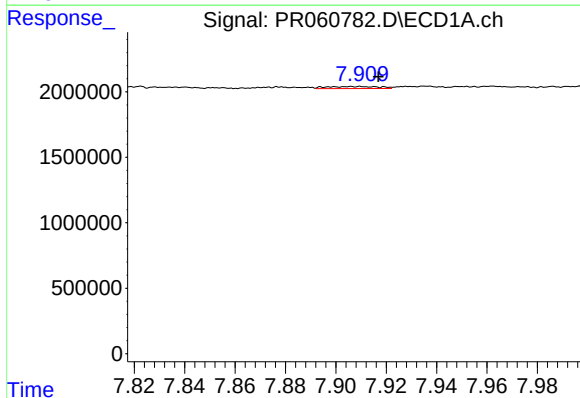
R.T.: 7.565 min
Delta R.T.: -0.012 min
Response: 893873
Conc: 5.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



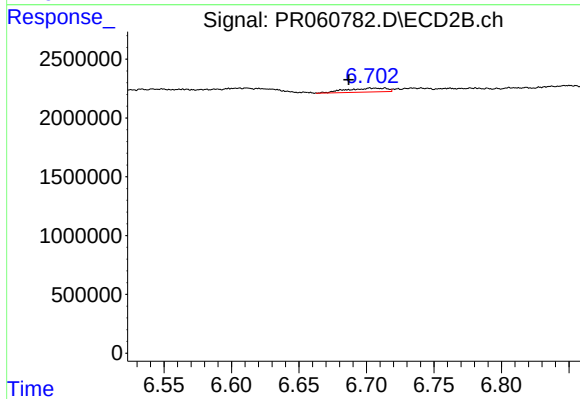
#34 AR-1260-4

R.T.: 6.446 min
Delta R.T.: 0.025 min
Response: 1085860
Conc: 4.51 ng/ml



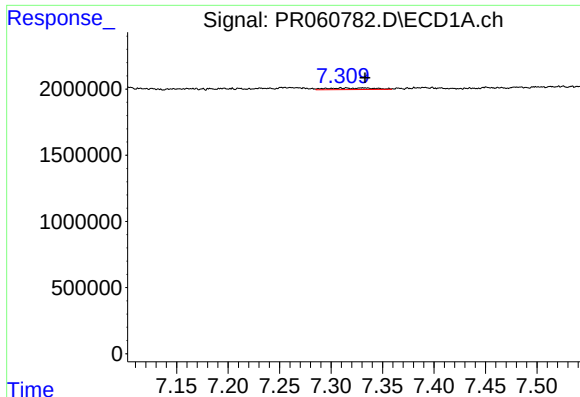
#35 AR-1260-5

R.T.: 7.908 min
Delta R.T.: -0.009 min
Response: 220640
Conc: 0.70 ng/ml



#35 AR-1260-5

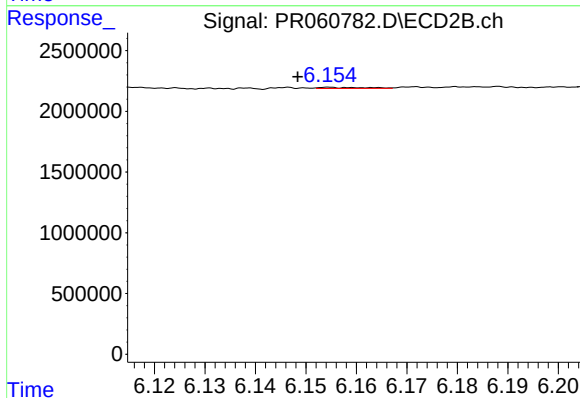
R.T.: 6.713 min
Delta R.T.: 0.027 min
Response: 678469
Conc: 1.17 ng/ml



#36 AR-1262-1

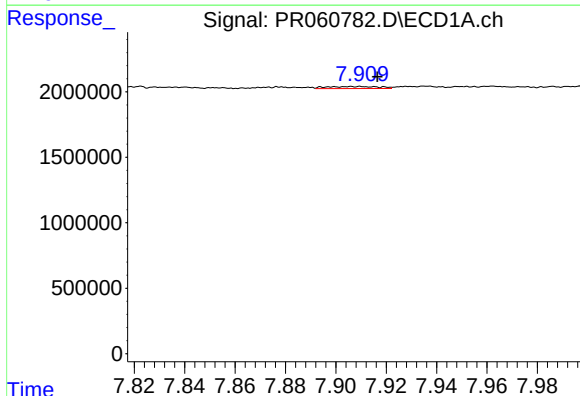
R.T.: 7.313 min
Delta R.T.: -0.020 min
Response: 369837
Conc: 1.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



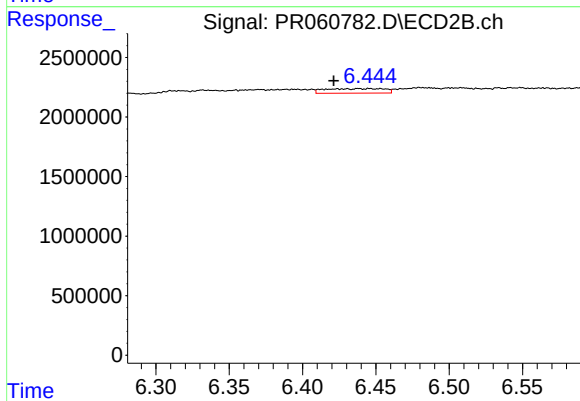
#36 AR-1262-1

R.T.: 6.155 min
Delta R.T.: 0.007 min
Response: 60947
Conc: 0.19 ng/ml



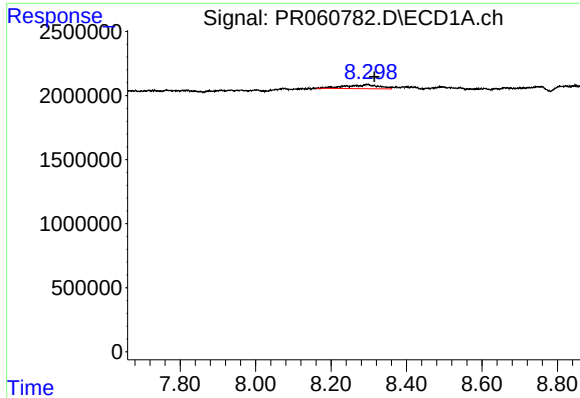
#37 AR-1262-2

R.T.: 7.908 min
Delta R.T.: -0.009 min
Response: 220640
Conc: 0.65 ng/ml



#37 AR-1262-2

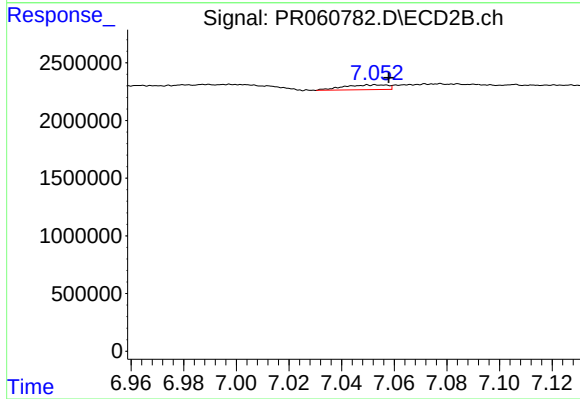
R.T.: 6.446 min
Delta R.T.: 0.024 min
Response: 1085860
Conc: 3.77 ng/ml



#39 AR-1262-4

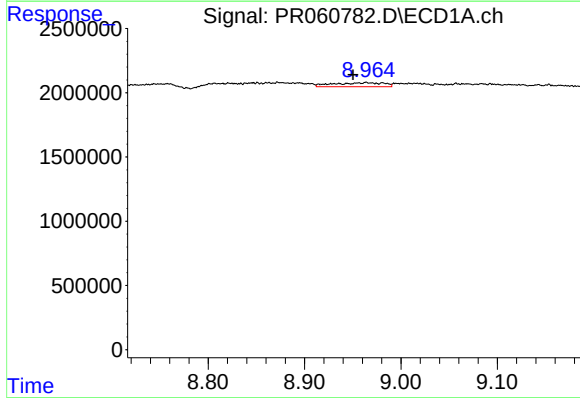
R.T.: 8.296 min
Delta R.T.: -0.019 min
Response: 1926371
Conc: 10.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



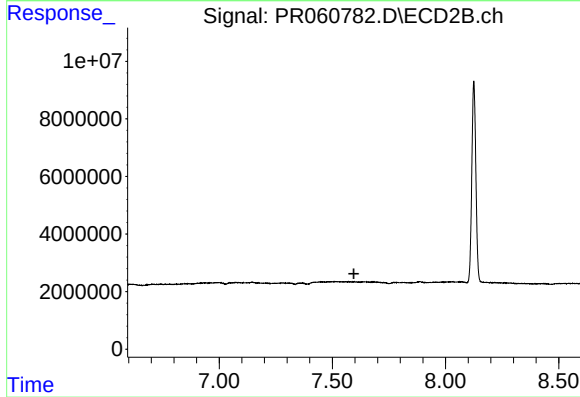
#39 AR-1262-4

R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 480818
Conc: 1.12 ng/ml



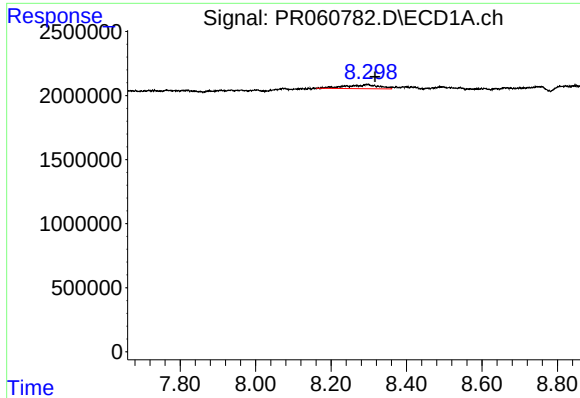
#40 AR-1262-5

R.T.: 8.965 min
Delta R.T.: 0.014 min
Response: 1149419
Conc: 9.18 ng/ml



#40 AR-1262-5

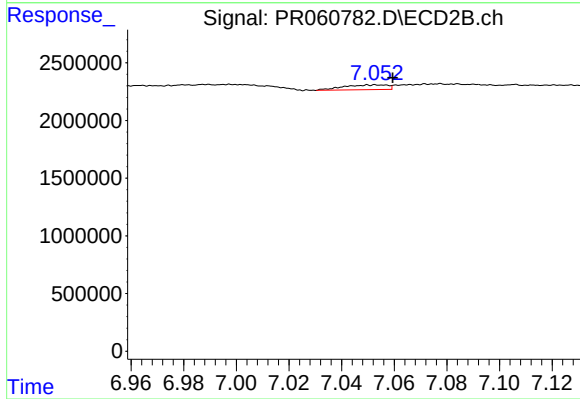
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#42 AR-1268-2

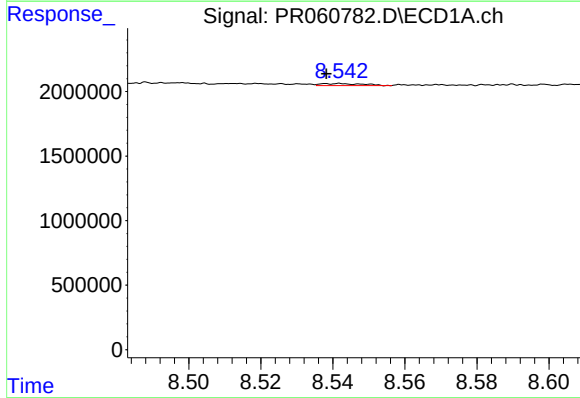
R.T.: 8.296 min
Delta R.T.: -0.021 min
Response: 1926371
Conc: 5.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



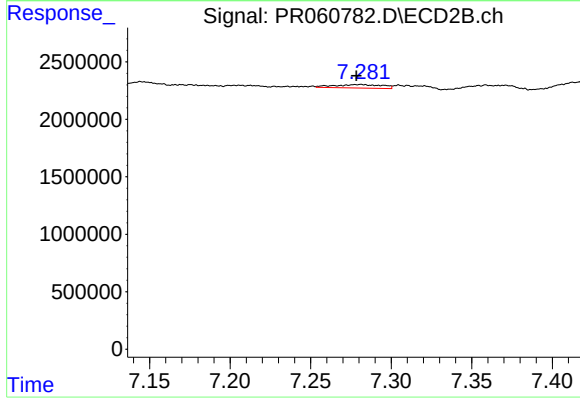
#42 AR-1268-2

R.T.: 7.053 min
Delta R.T.: -0.007 min
Response: 480818
Conc: 0.72 ng/ml



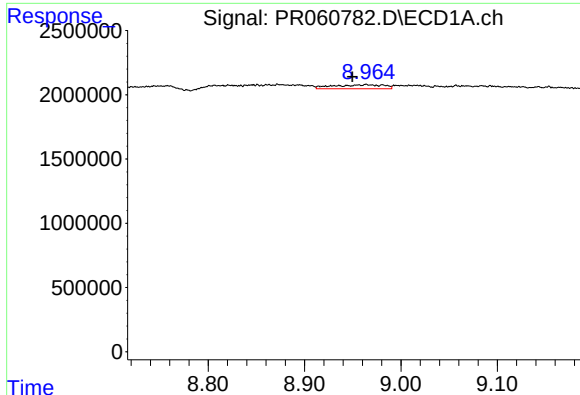
#43 AR-1268-3

R.T.: 8.542 min
Delta R.T.: 0.003 min
Response: 129759
Conc: 0.40 ng/ml



#43 AR-1268-3

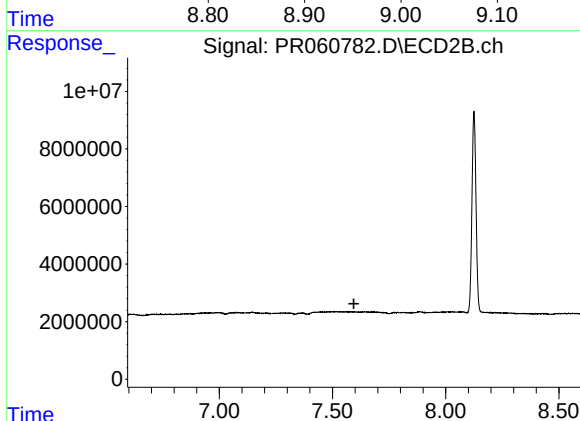
R.T.: 7.281 min
Delta R.T.: 0.003 min
Response: 633692
Conc: 1.11 ng/ml



#44 AR-1268-4

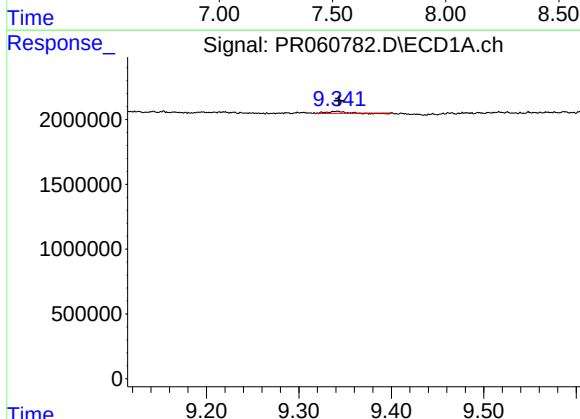
R.T.: 8.965 min
Delta R.T.: 0.015 min
Response: 1149419
Conc: 8.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



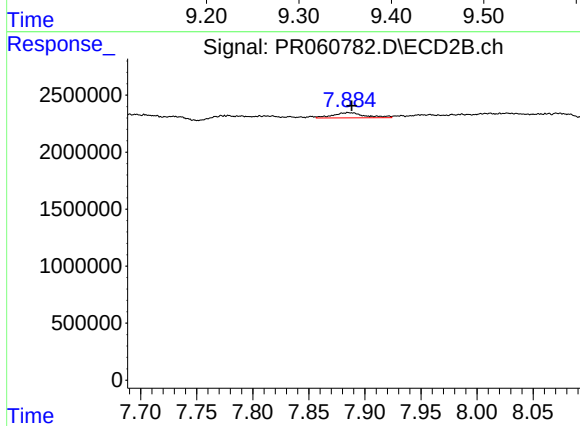
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.341 min
Delta R.T.: -0.003 min
Response: 105041
Conc: 0.10 ng/ml



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: -0.003 min
Response: 921870
Conc: 0.49 ng/ml