

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102122\
 Data File : PR057544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2022 22:59
 Operator : AJ\MA
 Sample : N5220-03 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 03:57:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102022.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 21 06:41:26 2022
 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...	3.692	2.924	3086654	1820368	1.195	1.202
2)	SA Decachlor...	9.636	8.188	-1060666	1871387	N.D.	0.910
Target Compounds							
3)	L1 AR-1016-1	0.000	4.040	0	918444	N.D.	18.802 #
4)	L1 AR-1016-2	0.000	4.079	0	465877	N.D.	6.276 #
5)	L1 AR-1016-3	5.023	4.227f	2751402	363689	30.802	8.901 #
6)	L1 AR-1016-4	5.110	4.280f	3351782	683979	45.009	26.511 #
7)	L1 AR-1016-5	5.448f	4.527f	3512883	2477135	48.173	66.329 #
8)	L2 AR-1221-1	3.897f	3.176f	3710550	4435214	112.314	251.061 #
9)	L2 AR-1221-2	3.999	3.227	5747724	4643680	234.383	339.524 #
10)	L2 AR-1221-3	4.091	3.322	7852435	1076469	102.746	25.841 #
11)	L3 AR-1232-1	4.091	3.322	7852435	1076469	132.473	33.763 #
12)	L3 AR-1232-2	4.622	4.079	2378300	465877	67.733	14.068 #
13)	L3 AR-1232-3	0.000	4.227f	0	363689	N.D.	19.350 #
14)	L3 AR-1232-4	5.110	4.351	3351782	5139496	98.496	373.850 #
15)	L3 AR-1232-5	5.220	4.527f	7084552	2477135	287.720	149.845 #
16)	L4 AR-1242-1	0.000	4.040	0	918444	N.D.	24.017 #
17)	L4 AR-1242-2	0.000	4.079	0	465877	N.D.	8.043 #
18)	L4 AR-1242-3	5.023	4.227f	2751402	363689	38.712	11.216 #
19)	L4 AR-1242-4	5.110	4.351	3351782	5139496	56.134	189.756 #
20)	L4 AR-1242-5	5.925f	4.898f	1399410	1989853	22.445	51.827 #
21)	L5 AR-1248-1	0.000	4.040	0	918444	N.D.	31.111 #
22)	L5 AR-1248-2	5.220	4.280	7084552	683979	85.716	19.036 #
23)	L5 AR-1248-3	5.448f	4.351	3512883	5139496	36.045	135.880 #
24)	L5 AR-1248-4	5.873	4.527f	1750778	2477135	15.822	50.367 #
25)	L5 AR-1248-5	5.925f	4.934	1399410	952366	13.271	18.202 #
26)	L6 AR-1254-1	0.000	4.898f	0	1989853	N.D.	26.382 #
27)	L6 AR-1254-2	6.049f	5.054	373547	1315374	1.938	19.650 #
28)	L6 AR-1254-3	6.448f	5.448	1954867	33027325	9.636	269.668 #
29)	L6 AR-1254-4	6.765	5.721	654859	146065	4.224	1.915 #
30)	L6 AR-1254-5	7.263f	6.154	422253	1106423	2.436	10.043 #
31)	L7 AR-1260-1	6.633f	5.594	2427899	2693660	16.994	36.927 #
32)	L7 AR-1260-2	6.936	5.794f	2068509	348918	11.960	3.975 #
33)	L7 AR-1260-3	7.329	5.970	686878	204042	6.218	2.363 #
34)	L7 AR-1260-4	7.577	6.487	495322	785511	3.735	11.885 #
35)	L7 AR-1260-5	7.893	6.763f	1391533	425884	5.319	2.520 #
36)	L8 AR-1262-1	7.329	6.218f	686878	867724	3.591	8.696 #
37)	L8 AR-1262-2	7.893	6.487	1391533	785511	4.011	7.995 #
38)	L8 AR-1262-3	8.243f	7.036	567190	822132	2.616	9.536 #
39)	L8 AR-1262-4	8.317f	7.112	672099	751986	6.655	4.243 #
40)	L8 AR-1262-5	8.920	7.634f	1654985	4245958	13.710	47.714 #
41)	L9 AR-1268-1	0.000	7.036	0	822132	N.D.	2.998 #

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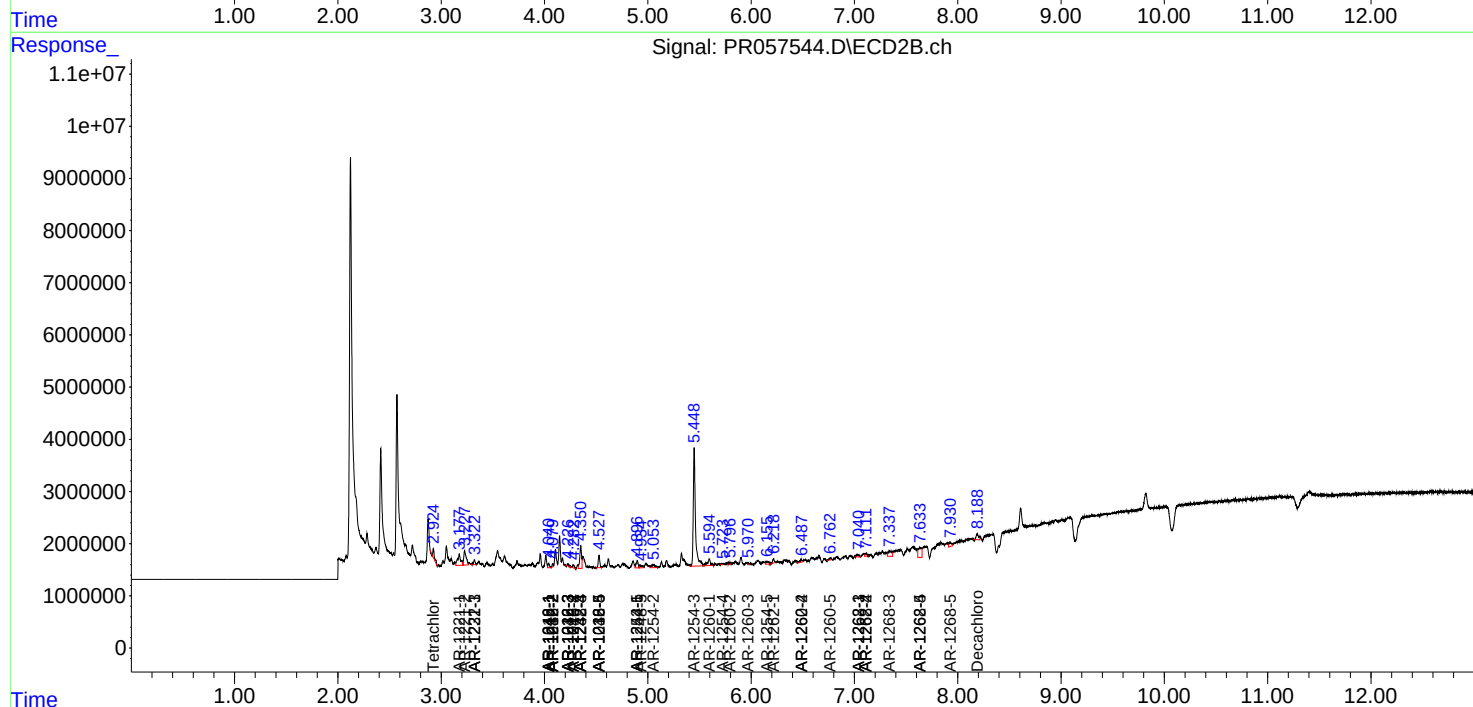
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

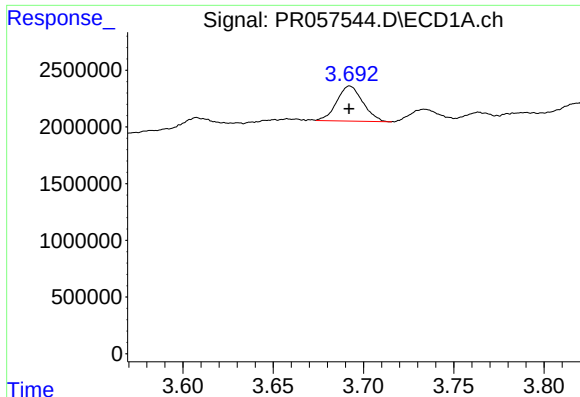
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.317f	7.112	672099	751986	1.791	2.634 #
43) L9	AR-1268-3	8.530	7.337	2192956	2599725	6.971	10.800 #
44) L9	AR-1268-4	8.920	7.634	1654985	4245958	11.721	42.489 #
45) L9	AR-1268-5	0.000	7.931	0	1454608	N.D.	1.563 #

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

Instrument :
ECD_R
ClientSampleId :

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

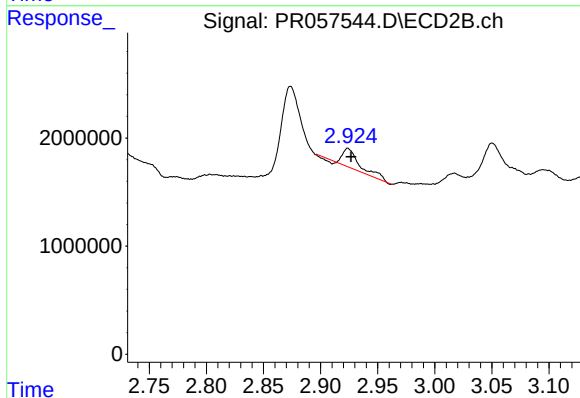




#1 Tetrachloro-m-xylene

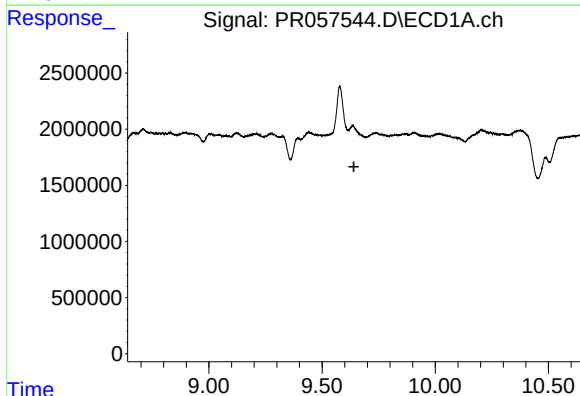
R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 3086654
Conc: 1.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



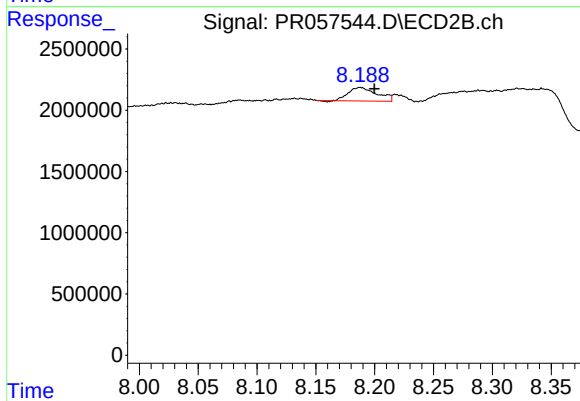
#1 Tetrachloro-m-xylene

R.T.: 2.924 min
Delta R.T.: -0.003 min
Response: 1820368
Conc: 1.20 ng/ml



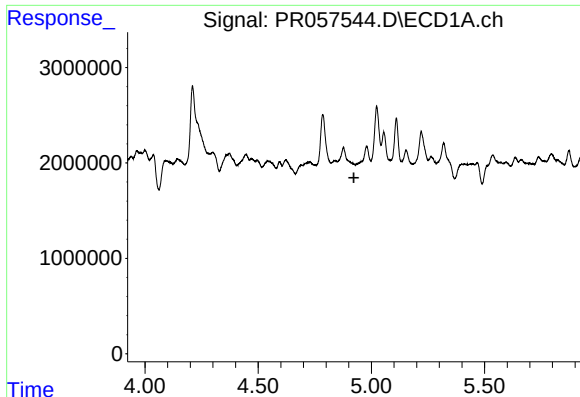
#2 Decachlorobiphenyl

R.T.: 9.636 min
Delta R.T.: -0.005 min
Response: -1060666
Conc: N.D.



#2 Decachlorobiphenyl

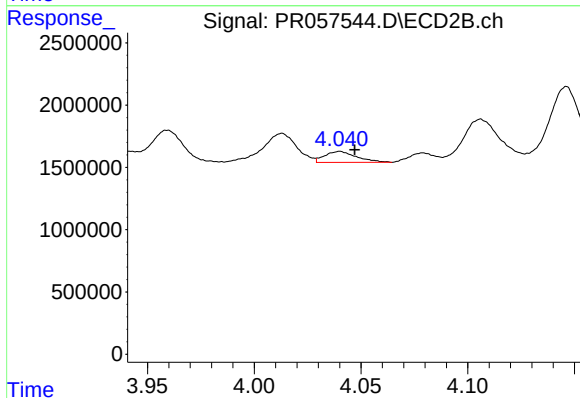
R.T.: 8.188 min
Delta R.T.: -0.012 min
Response: 1871387
Conc: 0.91 ng/ml



#3 AR-1016-1

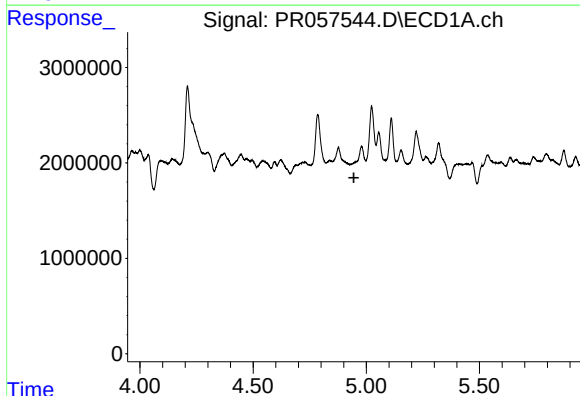
R.T.: 0.000 min
Exp R.T.: 4.923 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



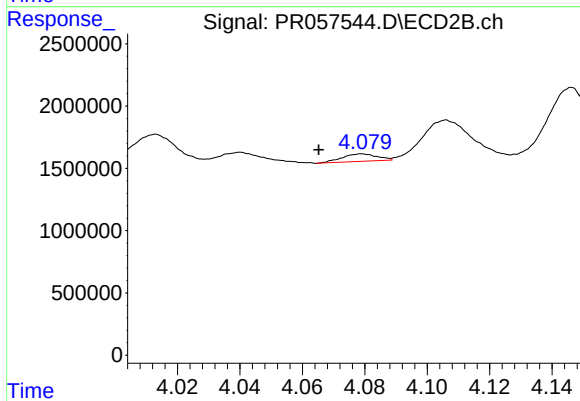
#3 AR-1016-1

R.T.: 4.040 min
Delta R.T.: -0.007 min
Response: 918444
Conc: 18.80 ng/ml



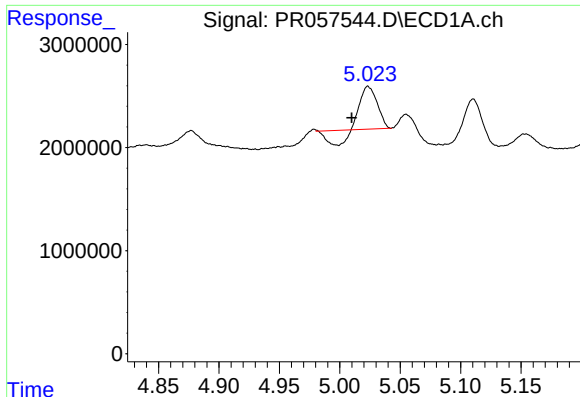
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.945 min
Response: 0
Conc: N.D.



#4 AR-1016-2

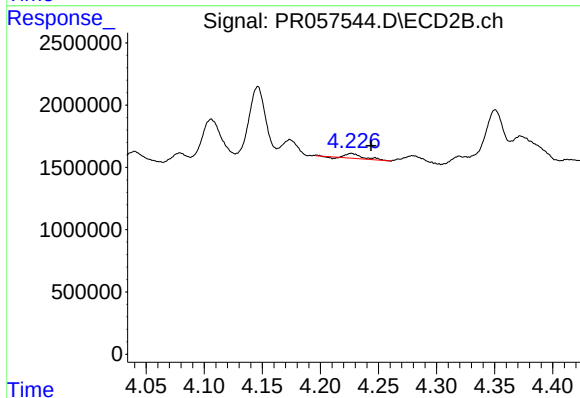
R.T.: 4.079 min
Delta R.T.: 0.014 min
Response: 465877
Conc: 6.28 ng/ml



#5 AR-1016-3

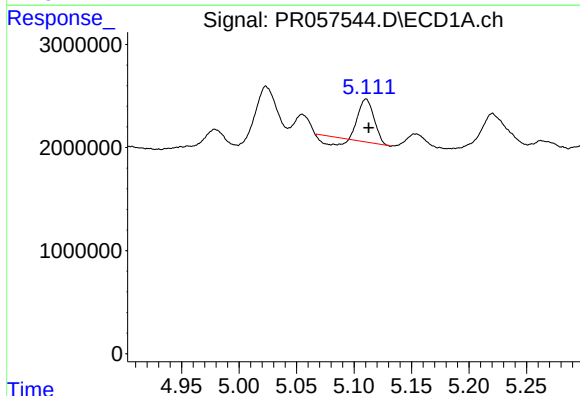
R.T.: 5.023 min
Delta R.T.: 0.014 min
Response: 2751402
Conc: 30.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



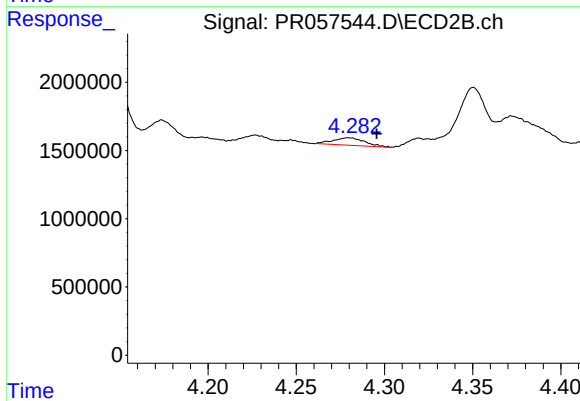
#5 AR-1016-3

R.T.: 4.227 min
Delta R.T.: -0.017 min
Response: 363689
Conc: 8.90 ng/ml



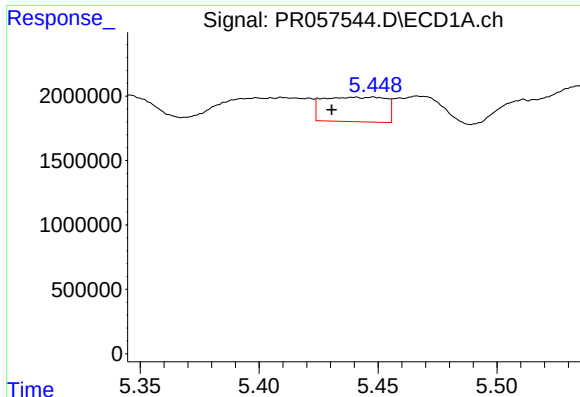
#6 AR-1016-4

R.T.: 5.110 min
Delta R.T.: -0.002 min
Response: 3351782
Conc: 45.01 ng/ml



#6 AR-1016-4

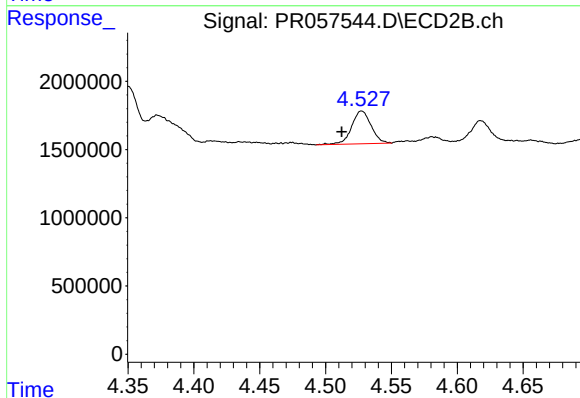
R.T.: 4.280 min
Delta R.T.: -0.016 min
Response: 683979
Conc: 26.51 ng/ml



#7 AR-1016-5

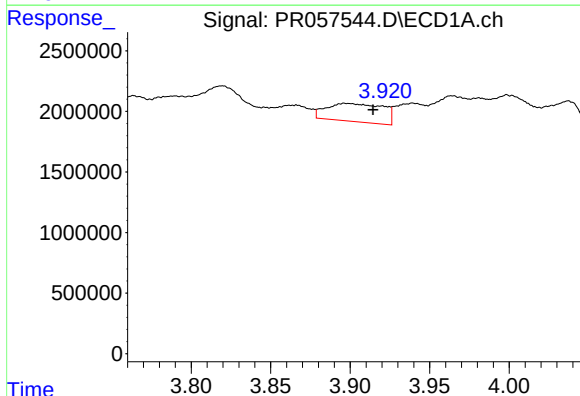
R.T.: 5.448 min
Delta R.T.: 0.017 min
Response: 3512883
Conc: 48.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



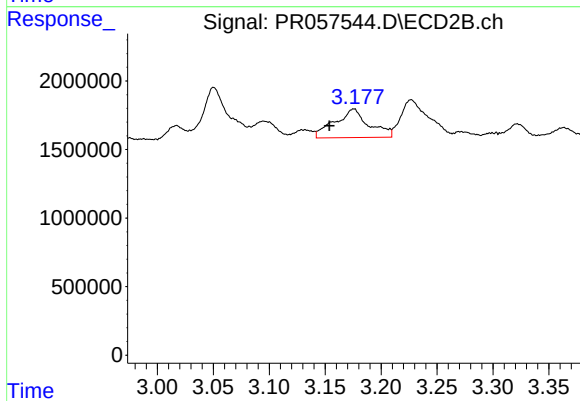
#7 AR-1016-5

R.T.: 4.527 min
Delta R.T.: 0.015 min
Response: 2477135
Conc: 66.33 ng/ml



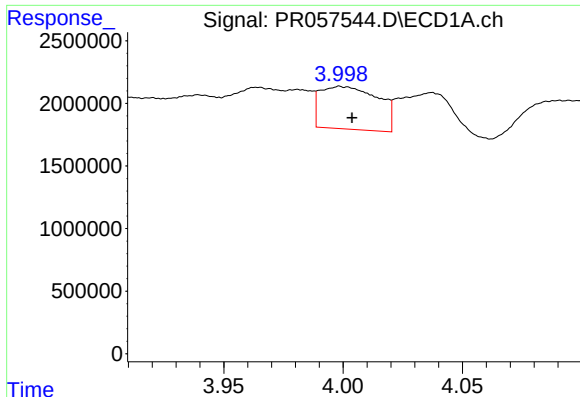
#8 AR-1221-1

R.T.: 3.897 min
Delta R.T.: -0.017 min
Response: 3710550
Conc: 112.31 ng/ml



#8 AR-1221-1

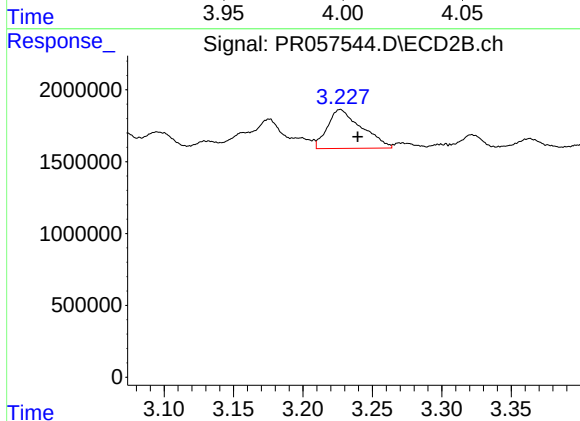
R.T.: 3.176 min
Delta R.T.: 0.022 min
Response: 4435214
Conc: 251.06 ng/ml



#9 AR-1221-2

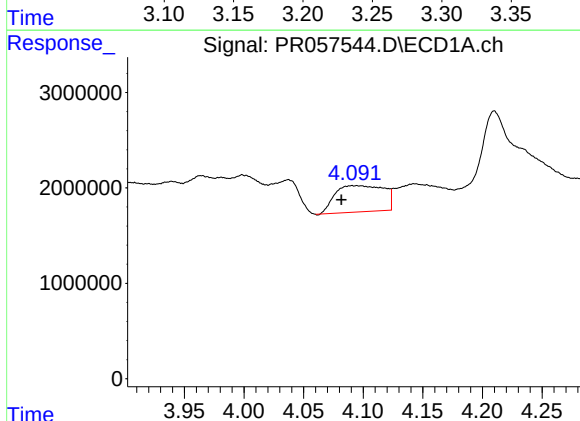
R.T.: 3.999 min
Delta R.T.: -0.005 min
Response: 5747724
Conc: 234.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



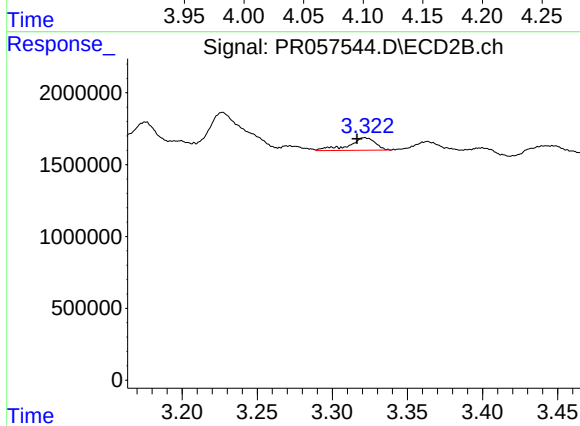
#9 AR-1221-2

R.T.: 3.227 min
Delta R.T.: -0.012 min
Response: 4643680
Conc: 339.52 ng/ml



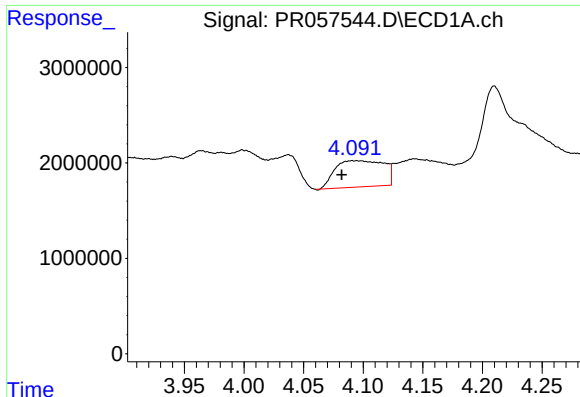
#10 AR-1221-3

R.T.: 4.091 min
Delta R.T.: 0.009 min
Response: 7852435
Conc: 102.75 ng/ml



#10 AR-1221-3

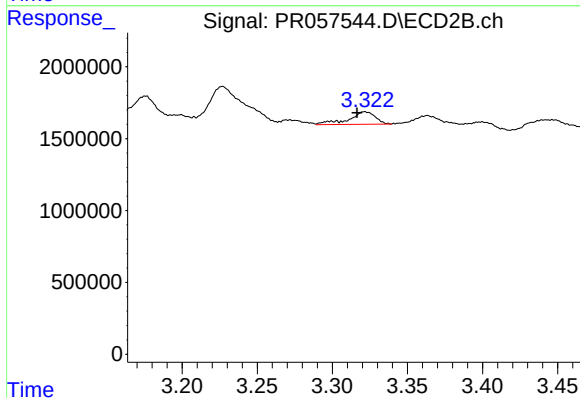
R.T.: 3.322 min
Delta R.T.: 0.005 min
Response: 1076469
Conc: 25.84 ng/ml



#11 AR-1232-1

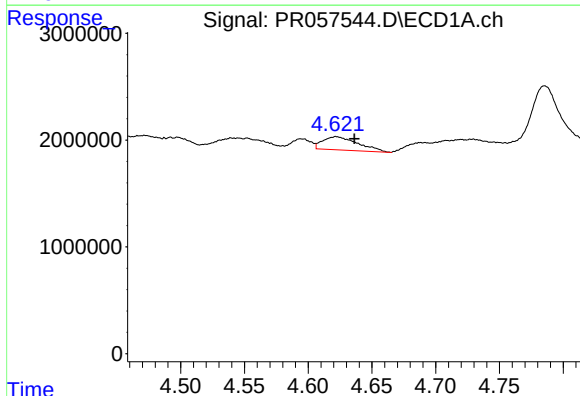
R.T.: 4.091 min
Delta R.T.: 0.009 min
Response: 7852435
Conc: 132.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



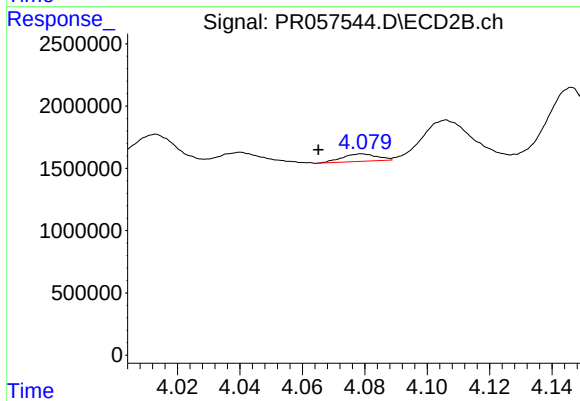
#11 AR-1232-1

R.T.: 3.322 min
Delta R.T.: 0.005 min
Response: 1076469
Conc: 33.76 ng/ml



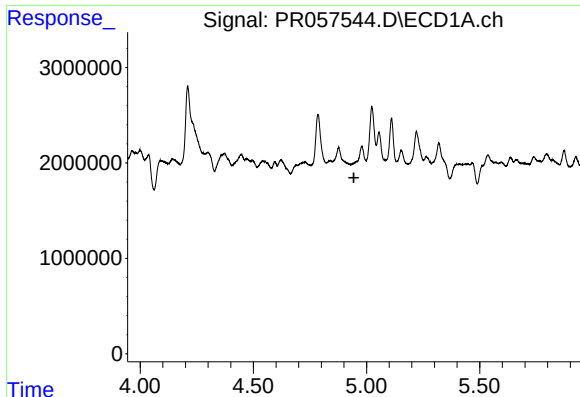
#12 AR-1232-2

R.T.: 4.622 min
Delta R.T.: -0.014 min
Response: 2378300
Conc: 67.73 ng/ml



#12 AR-1232-2

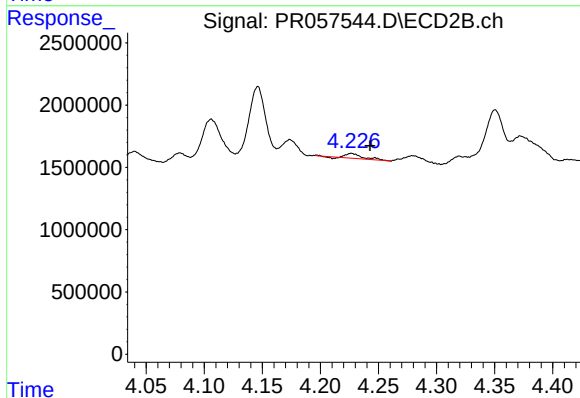
R.T.: 4.079 min
Delta R.T.: 0.014 min
Response: 465877
Conc: 14.07 ng/ml



#13 AR-1232-3

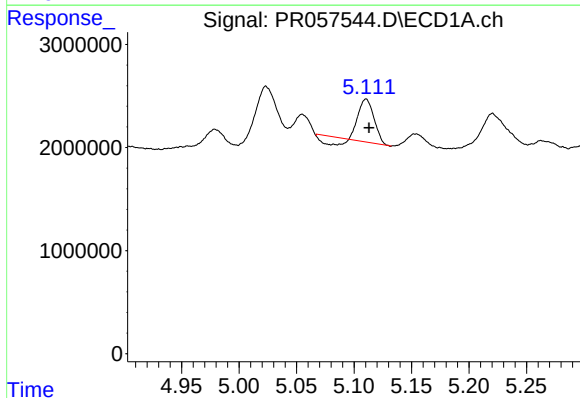
R.T.: 0.000 min
Exp R.T.: 4.944 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



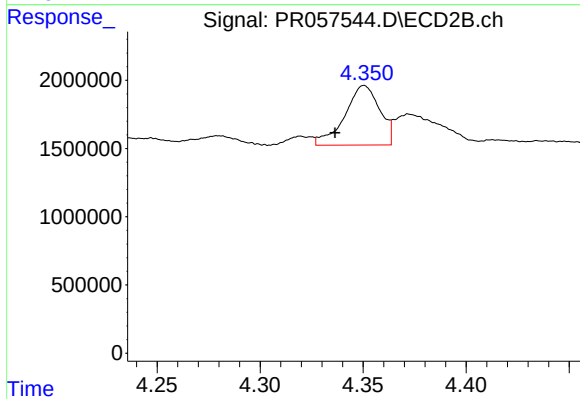
#13 AR-1232-3

R.T.: 4.227 min
Delta R.T.: -0.016 min
Response: 363689
Conc: 19.35 ng/ml



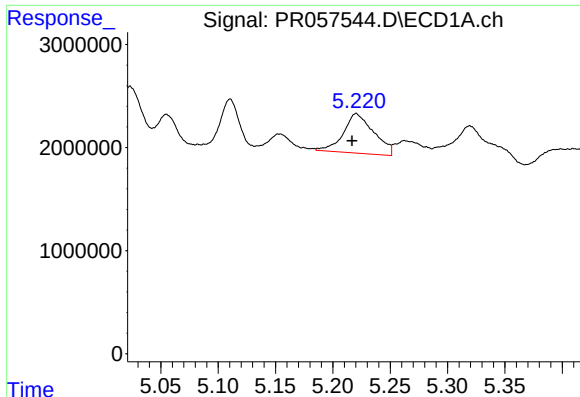
#14 AR-1232-4

R.T.: 5.110 min
Delta R.T.: -0.003 min
Response: 3351782
Conc: 98.50 ng/ml



#14 AR-1232-4

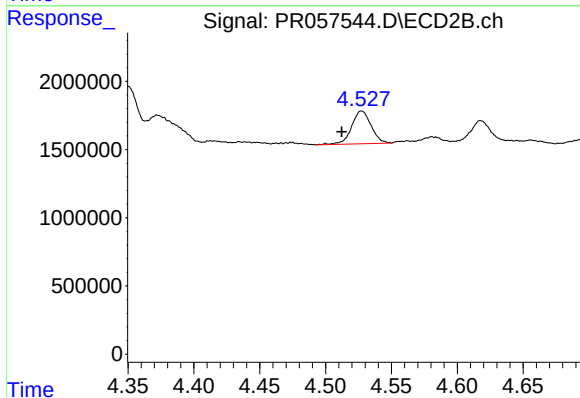
R.T.: 4.351 min
Delta R.T.: 0.014 min
Response: 5139496
Conc: 373.85 ng/ml



#15 AR-1232-5

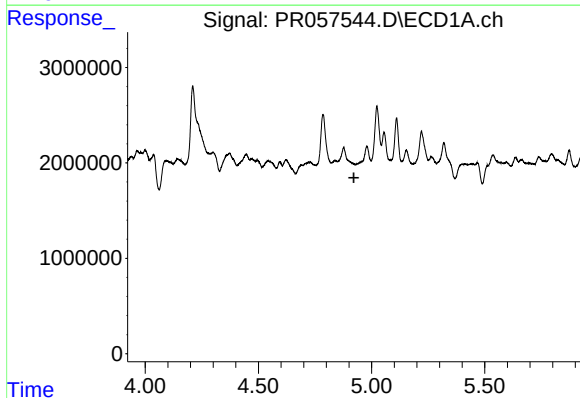
R.T.: 5.220 min
Delta R.T.: 0.004 min
Response: 7084552
Conc: 287.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



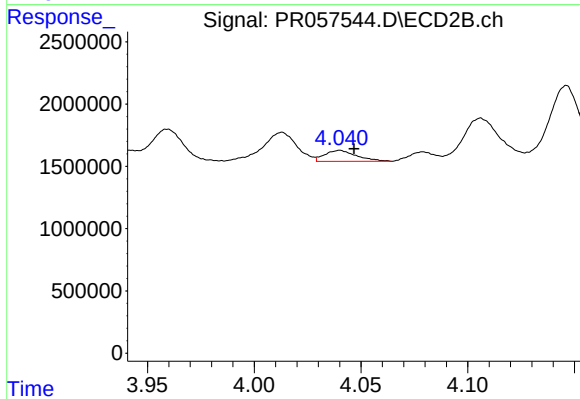
#15 AR-1232-5

R.T.: 4.527 min
Delta R.T.: 0.015 min
Response: 2477135
Conc: 149.85 ng/ml



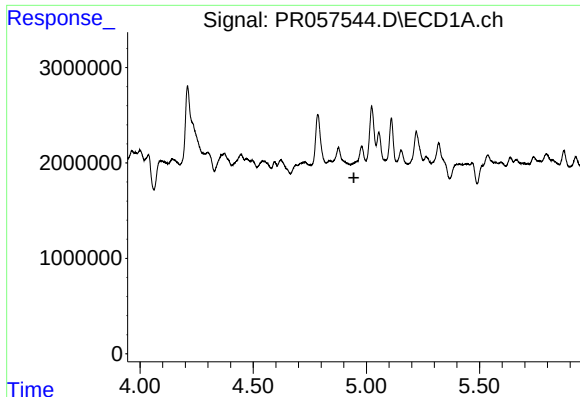
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.922 min
Response: 0
Conc: N.D.



#16 AR-1242-1

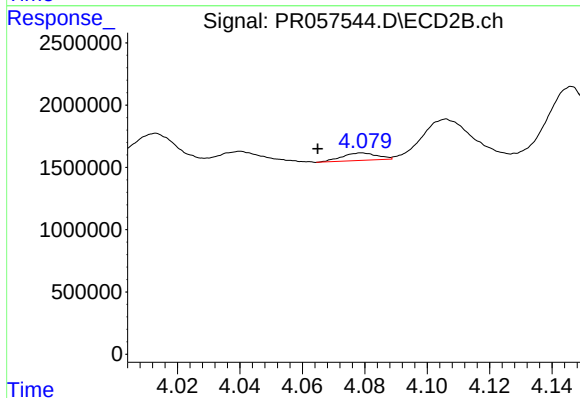
R.T.: 4.040 min
Delta R.T.: -0.007 min
Response: 918444
Conc: 24.02 ng/ml



#17 AR-1242-2

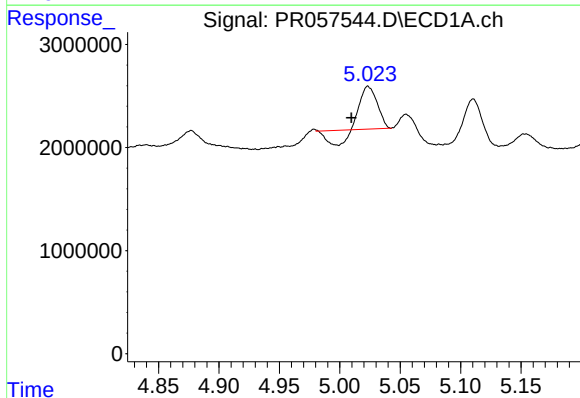
R.T.: 0.000 min
Exp R.T.: 4.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



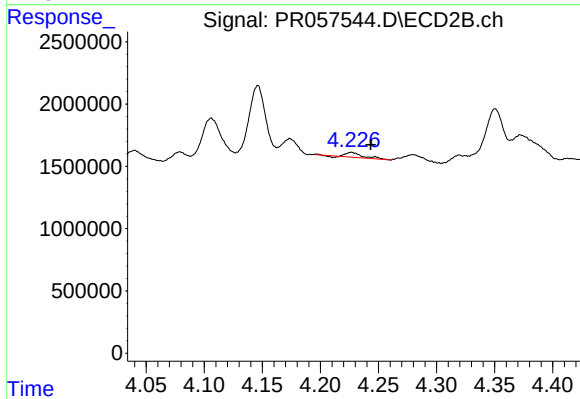
#17 AR-1242-2

R.T.: 4.079 min
Delta R.T.: 0.014 min
Response: 465877
Conc: 8.04 ng/ml



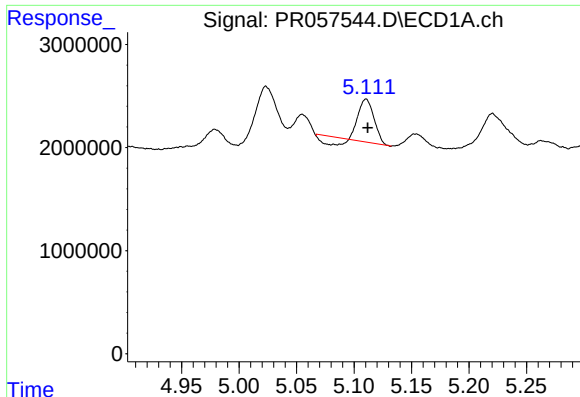
#18 AR-1242-3

R.T.: 5.023 min
Delta R.T.: 0.014 min
Response: 2751402
Conc: 38.71 ng/ml



#18 AR-1242-3

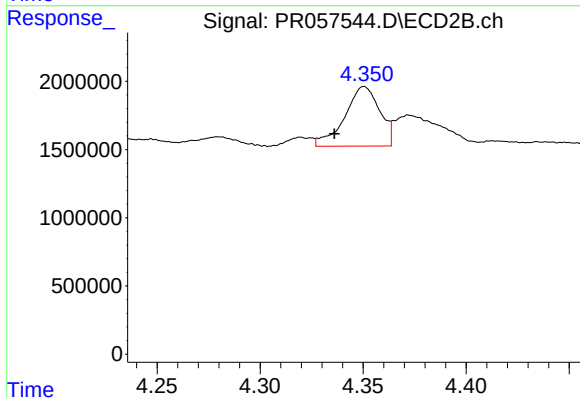
R.T.: 4.227 min
Delta R.T.: -0.017 min
Response: 363689
Conc: 11.22 ng/ml



#19 AR-1242-4

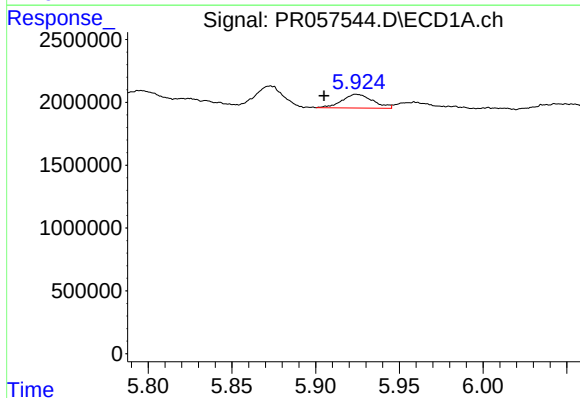
R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 3351782
Conc: 56.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



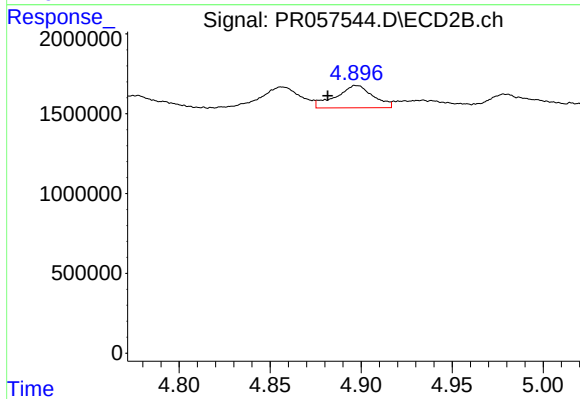
#19 AR-1242-4

R.T.: 4.351 min
Delta R.T.: 0.014 min
Response: 5139496
Conc: 189.76 ng/ml



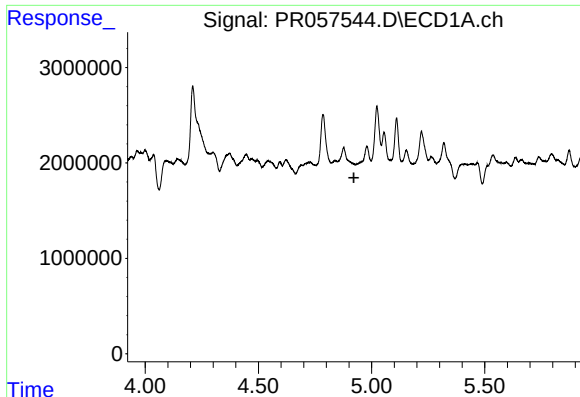
#20 AR-1242-5

R.T.: 5.925 min
Delta R.T.: 0.020 min
Response: 1399410
Conc: 22.45 ng/ml



#20 AR-1242-5

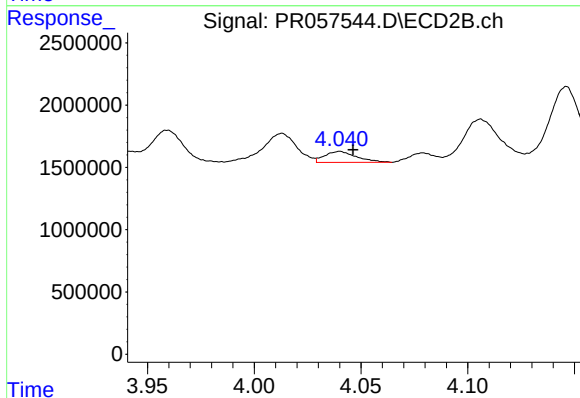
R.T.: 4.898 min
Delta R.T.: 0.016 min
Response: 1989853
Conc: 51.83 ng/ml



#21 AR-1248-1

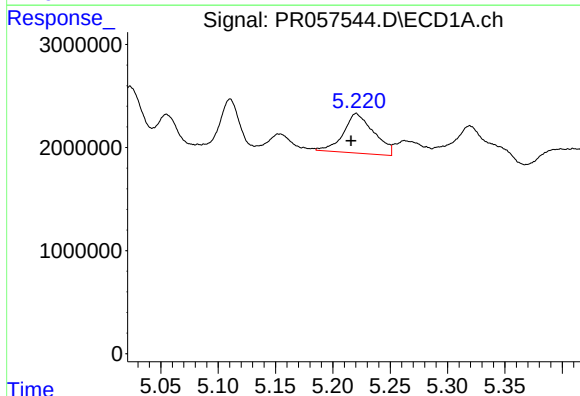
R.T.: 0.000 min
Exp R.T.: 4.922 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



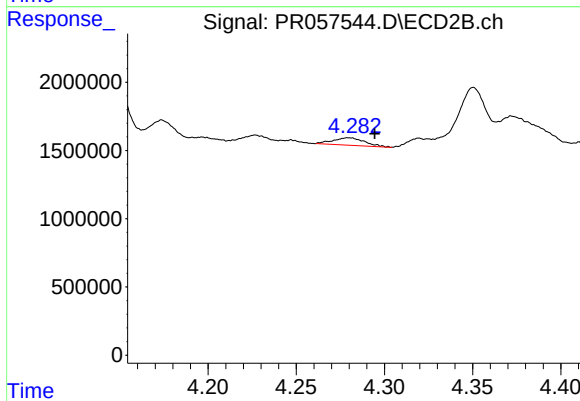
#21 AR-1248-1

R.T.: 4.040 min
Delta R.T.: -0.006 min
Response: 918444
Conc: 31.11 ng/ml



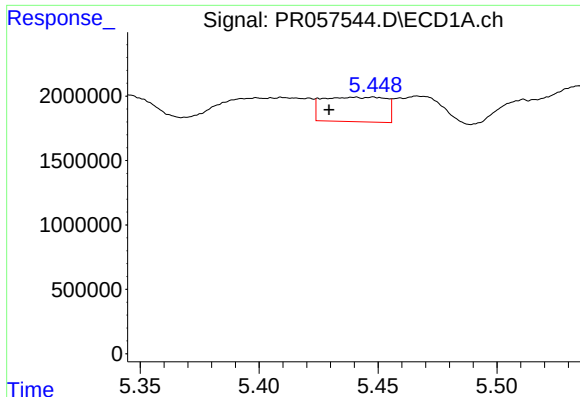
#22 AR-1248-2

R.T.: 5.220 min
Delta R.T.: 0.004 min
Response: 7084552
Conc: 85.72 ng/ml



#22 AR-1248-2

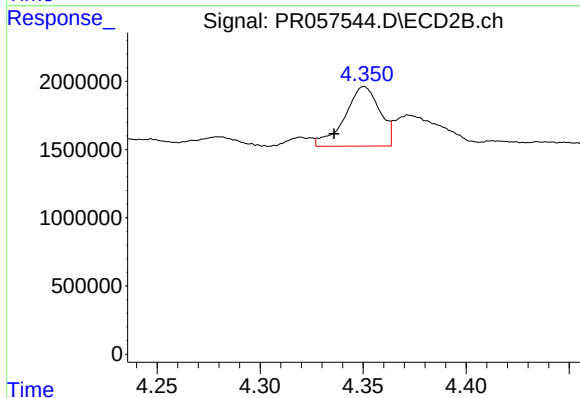
R.T.: 4.280 min
Delta R.T.: -0.014 min
Response: 683979
Conc: 19.04 ng/ml



#23 AR-1248-3

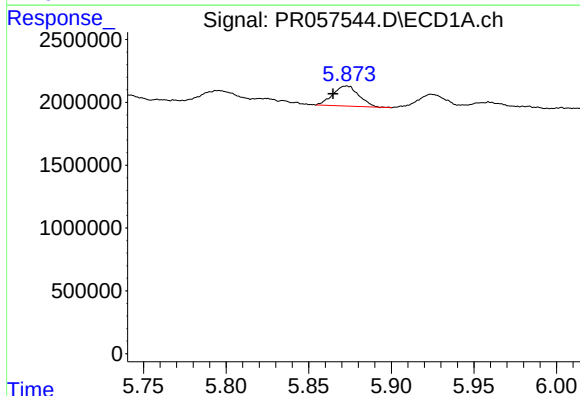
R.T.: 5.448 min
Delta R.T.: 0.019 min
Response: 3512883
Conc: 36.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



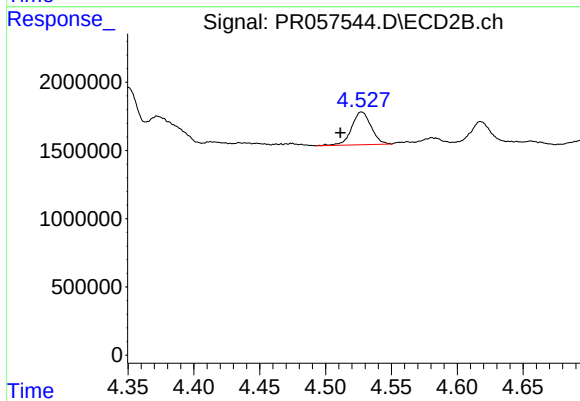
#23 AR-1248-3

R.T.: 4.351 min
Delta R.T.: 0.015 min
Response: 5139496
Conc: 135.88 ng/ml



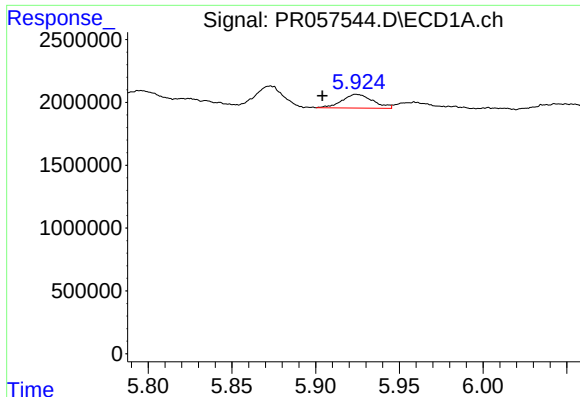
#24 AR-1248-4

R.T.: 5.873 min
Delta R.T.: 0.008 min
Response: 1750778
Conc: 15.82 ng/ml



#24 AR-1248-4

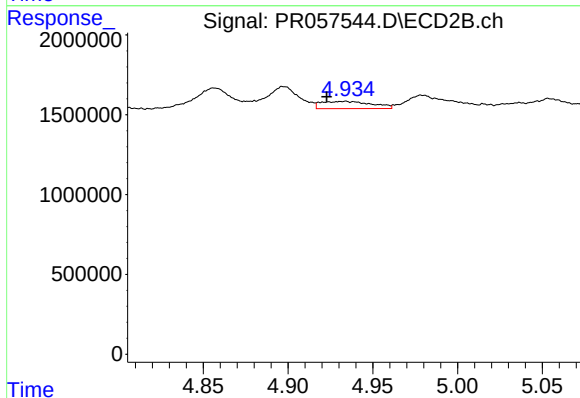
R.T.: 4.527 min
Delta R.T.: 0.016 min
Response: 2477135
Conc: 50.37 ng/ml



#25 AR-1248-5

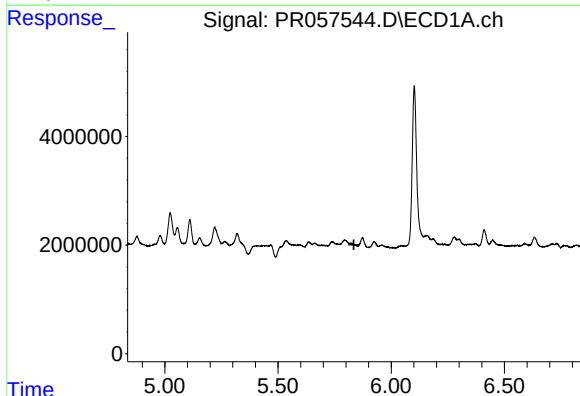
R.T.: 5.925 min
Delta R.T.: 0.020 min
Response: 1399410
Conc: 13.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



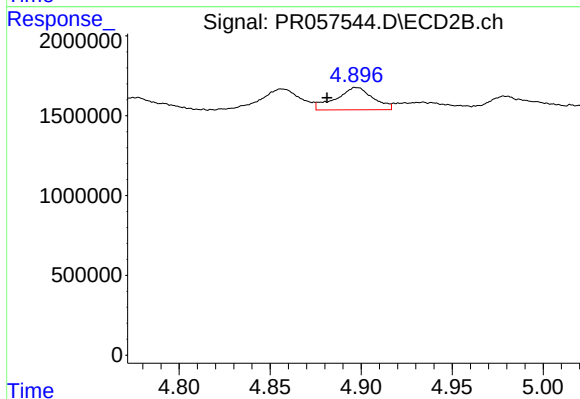
#25 AR-1248-5

R.T.: 4.934 min
Delta R.T.: 0.011 min
Response: 952366
Conc: 18.20 ng/ml



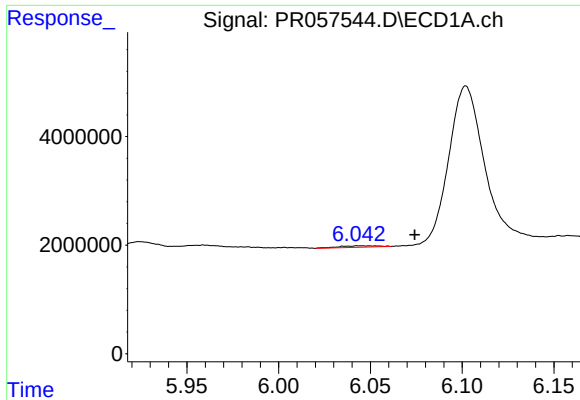
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.835 min
Response: 0
Conc: N.D.



#26 AR-1254-1

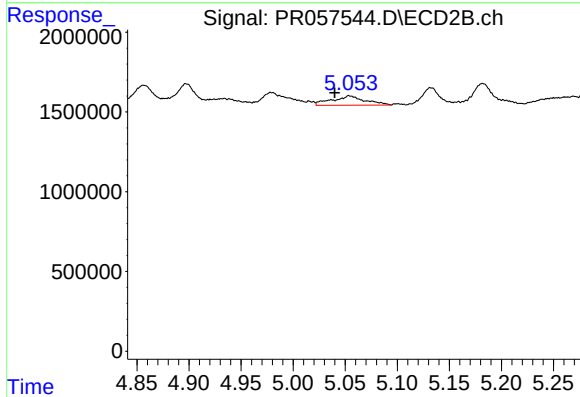
R.T.: 4.898 min
Delta R.T.: 0.016 min
Response: 1989853
Conc: 26.38 ng/ml



#27 AR-1254-2

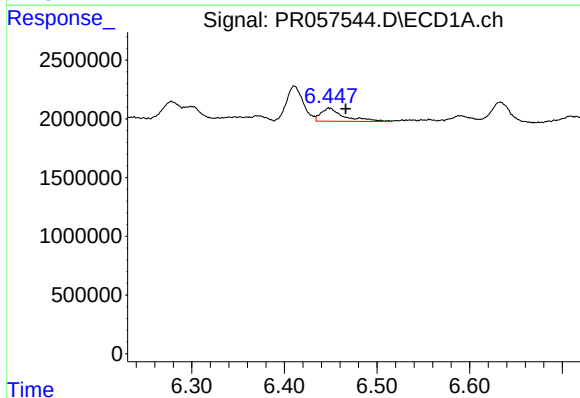
R.T.: 6.049 min
Delta R.T.: -0.025 min
Response: 373547
Conc: 1.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



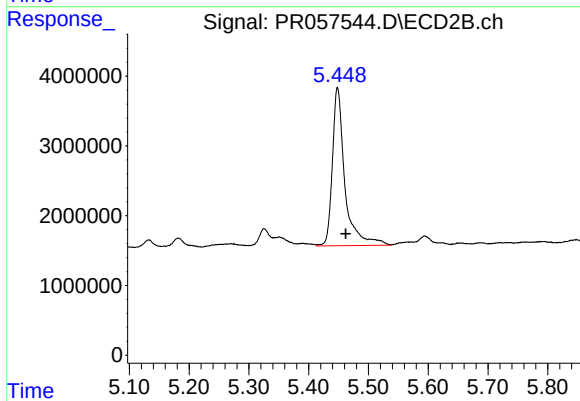
#27 AR-1254-2

R.T.: 5.054 min
Delta R.T.: 0.014 min
Response: 1315374
Conc: 19.65 ng/ml



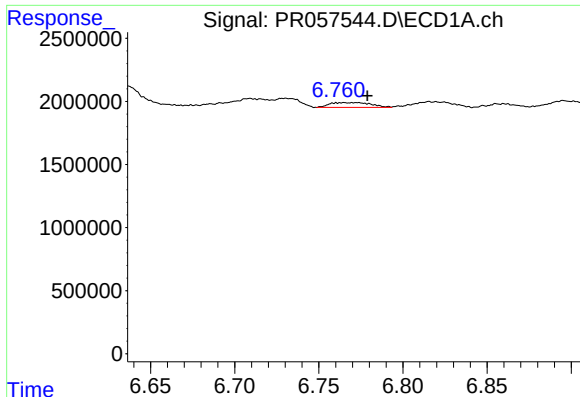
#28 AR-1254-3

R.T.: 6.448 min
Delta R.T.: -0.018 min
Response: 1954867
Conc: 9.64 ng/ml



#28 AR-1254-3

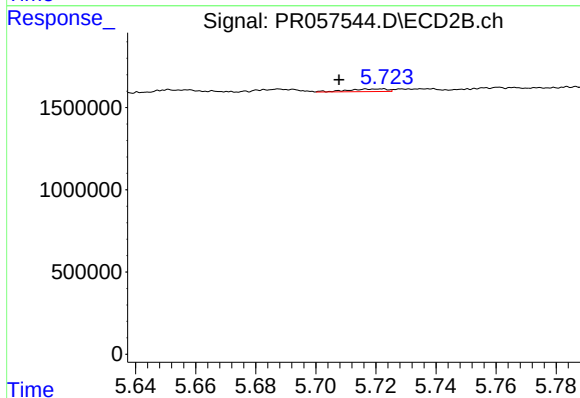
R.T.: 5.448 min
Delta R.T.: -0.014 min
Response: 33027325
Conc: 269.67 ng/ml



#29 AR-1254-4

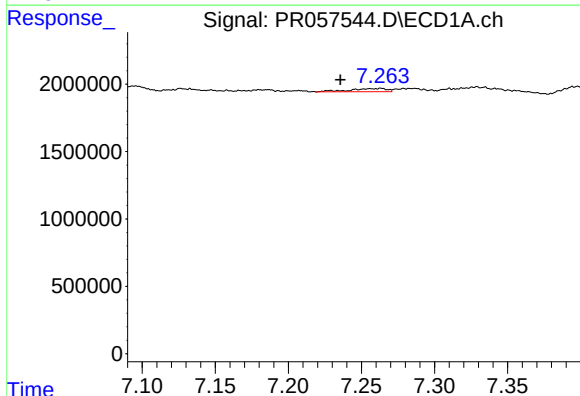
R.T.: 6.765 min
Delta R.T.: -0.014 min
Response: 654859
Conc: 4.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



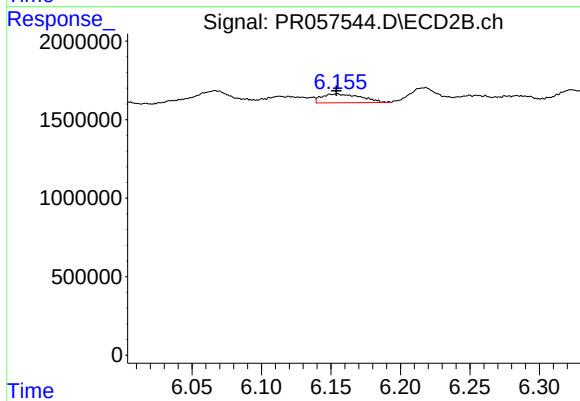
#29 AR-1254-4

R.T.: 5.721 min
Delta R.T.: 0.014 min
Response: 146065
Conc: 1.92 ng/ml



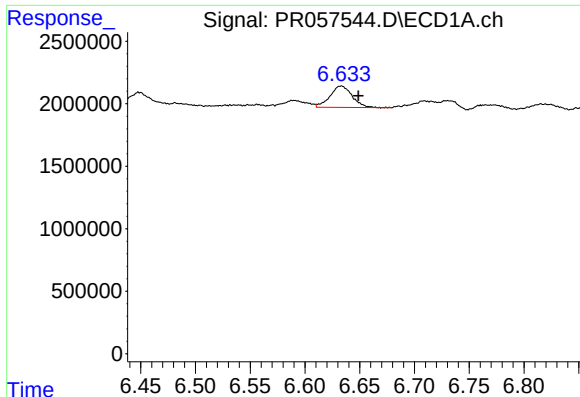
#30 AR-1254-5

R.T.: 7.263 min
Delta R.T.: 0.028 min
Response: 422253
Conc: 2.44 ng/ml



#30 AR-1254-5

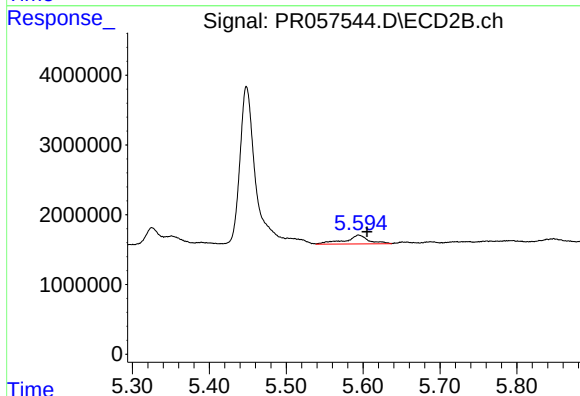
R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 1106423
Conc: 10.04 ng/ml



#31 AR-1260-1

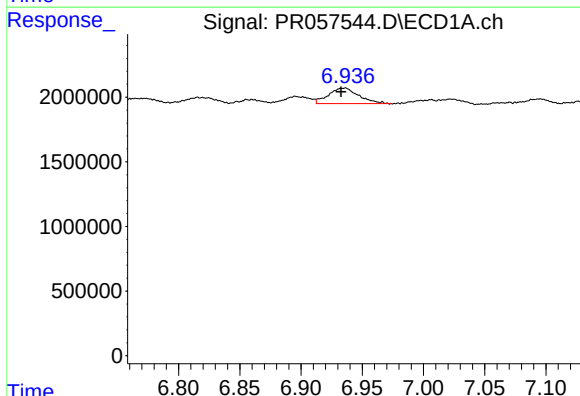
R.T.: 6.633 min
Delta R.T.: -0.016 min
Response: 2427899
Conc: 16.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



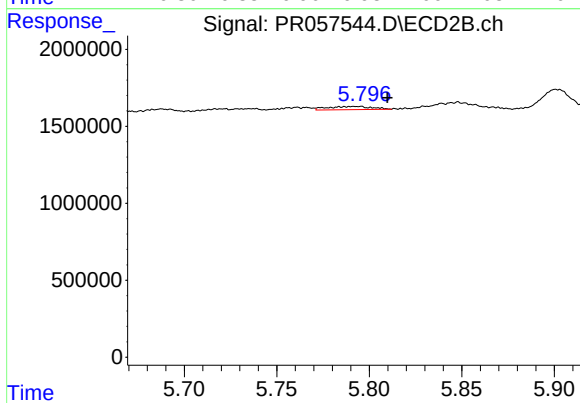
#31 AR-1260-1

R.T.: 5.594 min
Delta R.T.: -0.011 min
Response: 2693660
Conc: 36.93 ng/ml



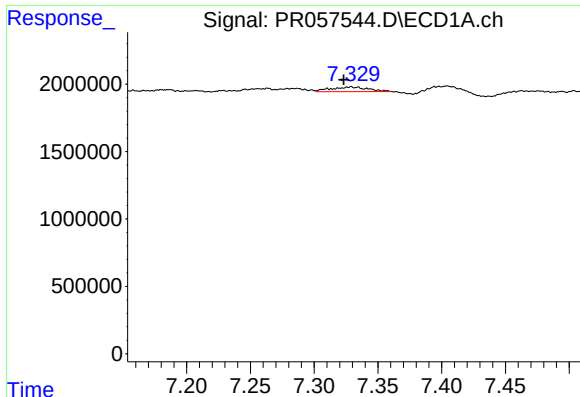
#32 AR-1260-2

R.T.: 6.936 min
Delta R.T.: 0.003 min
Response: 2068509
Conc: 11.96 ng/ml



#32 AR-1260-2

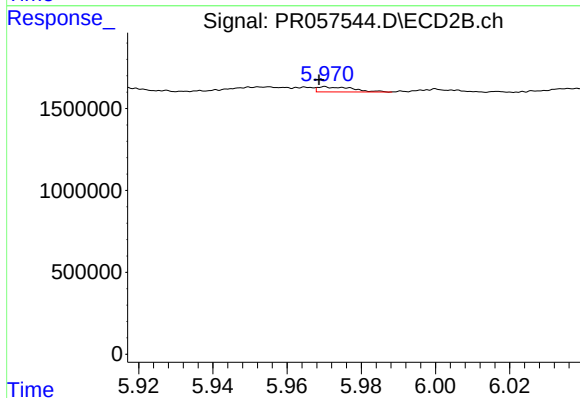
R.T.: 5.794 min
Delta R.T.: -0.016 min
Response: 348918
Conc: 3.97 ng/ml



#33 AR-1260-3

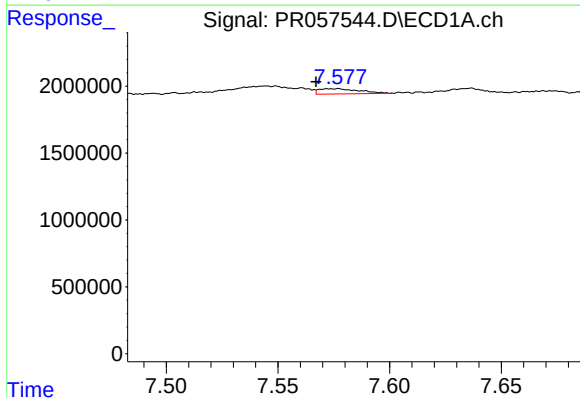
R.T.: 7.329 min
Delta R.T.: 0.005 min
Response: 686878
Conc: 6.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



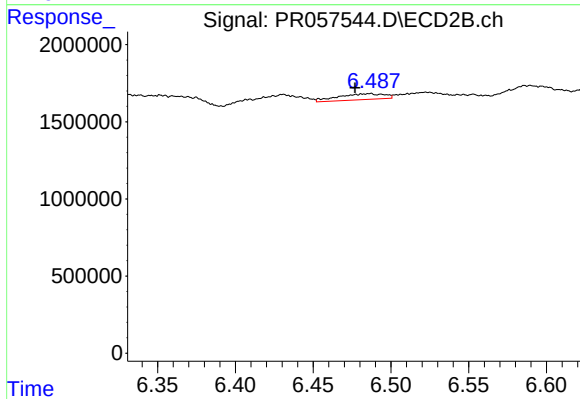
#33 AR-1260-3

R.T.: 5.970 min
Delta R.T.: 0.002 min
Response: 204042
Conc: 2.36 ng/ml



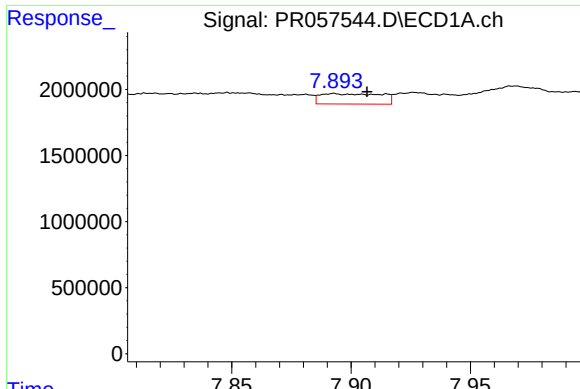
#34 AR-1260-4

R.T.: 7.577 min
Delta R.T.: 0.010 min
Response: 495322
Conc: 3.73 ng/ml



#34 AR-1260-4

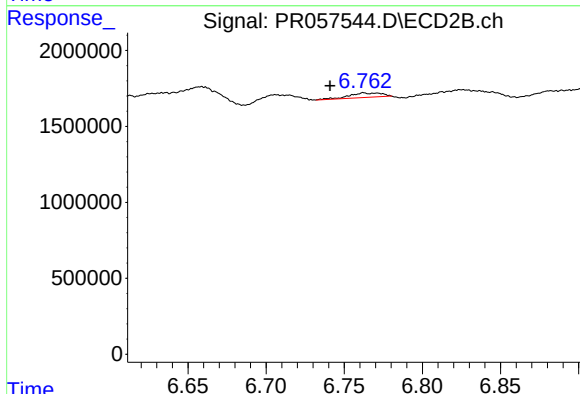
R.T.: 6.487 min
Delta R.T.: 0.010 min
Response: 785511
Conc: 11.88 ng/ml



#35 AR-1260-5

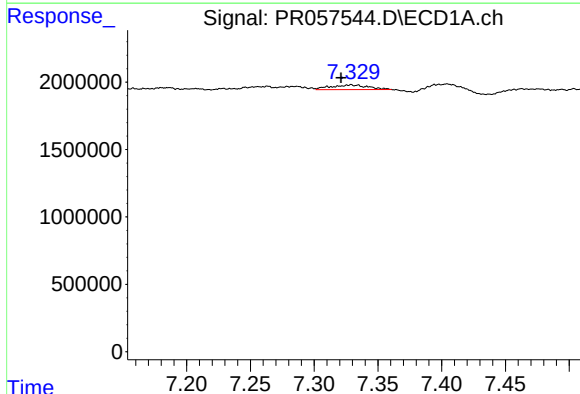
R.T.: 7.893 min
Delta R.T.: -0.014 min
Response: 1391533
Conc: 5.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



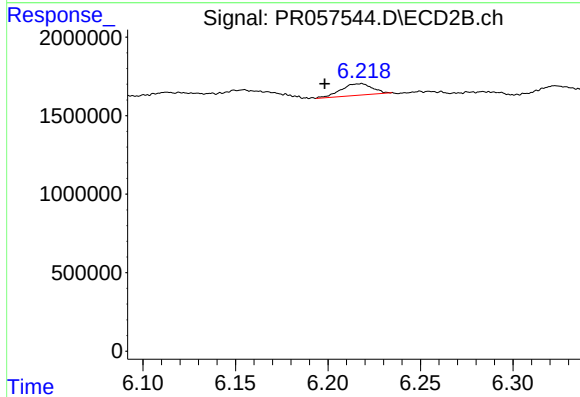
#35 AR-1260-5

R.T.: 6.763 min
Delta R.T.: 0.022 min
Response: 425884
Conc: 2.52 ng/ml



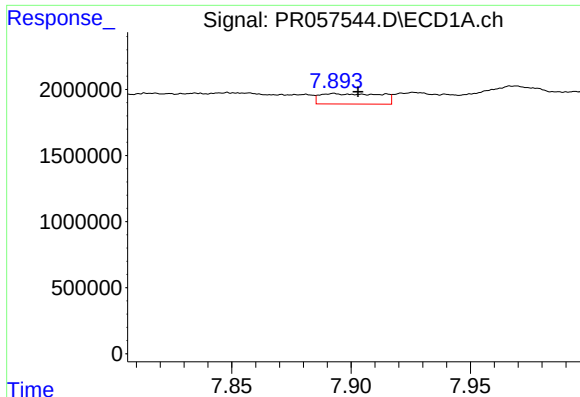
#36 AR-1262-1

R.T.: 7.329 min
Delta R.T.: 0.008 min
Response: 686878
Conc: 3.59 ng/ml



#36 AR-1262-1

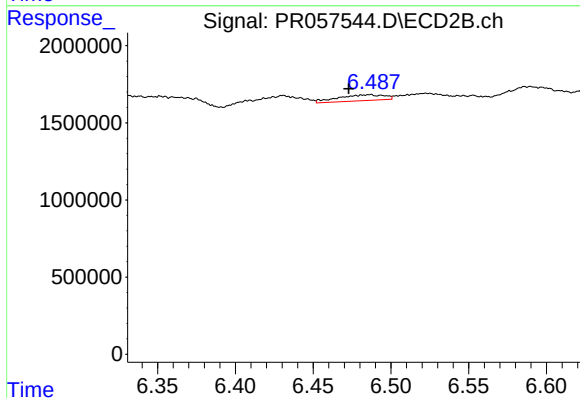
R.T.: 6.218 min
Delta R.T.: 0.020 min
Response: 867724
Conc: 8.70 ng/ml



#37 AR-1262-2

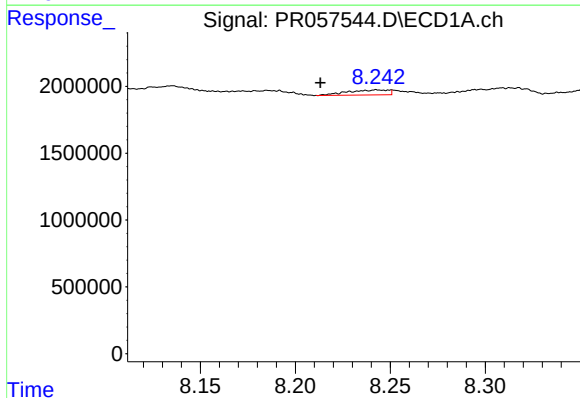
R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 1391533
Conc: 4.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



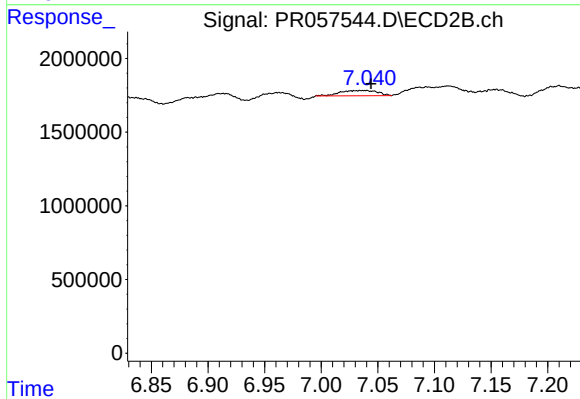
#37 AR-1262-2

R.T.: 6.487 min
Delta R.T.: 0.014 min
Response: 785511
Conc: 7.99 ng/ml



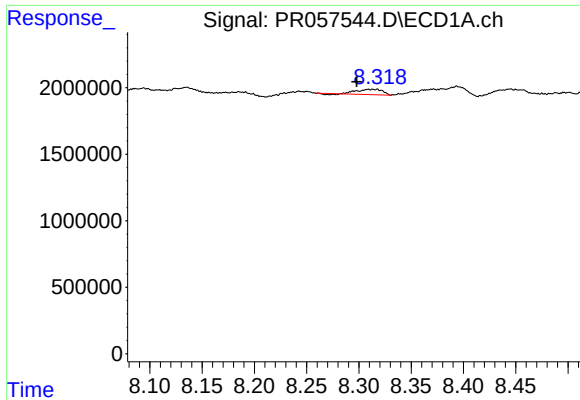
#38 AR-1262-3

R.T.: 8.243 min
Delta R.T.: 0.030 min
Response: 567190
Conc: 2.62 ng/ml



#38 AR-1262-3

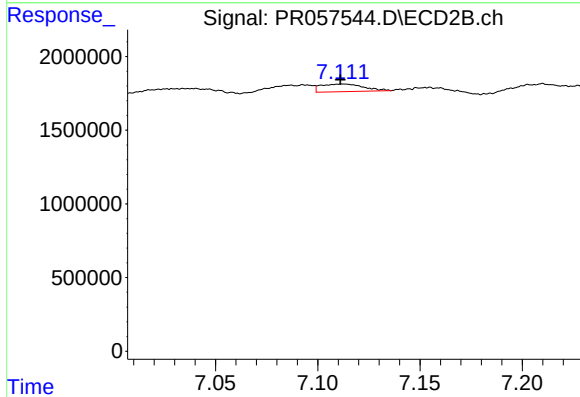
R.T.: 7.036 min
Delta R.T.: -0.008 min
Response: 822132
Conc: 9.54 ng/ml



#39 AR-1262-4

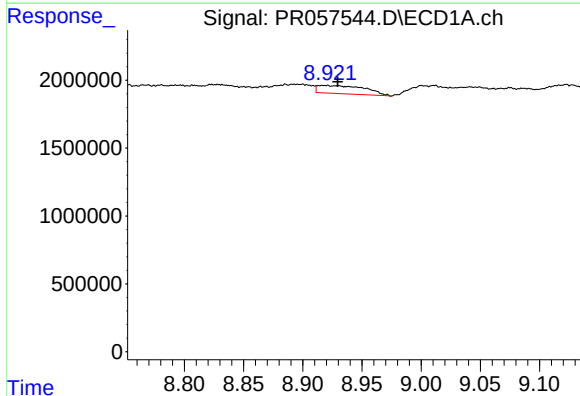
R.T.: 8.317 min
Delta R.T.: 0.019 min
Response: 672099
Conc: 6.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



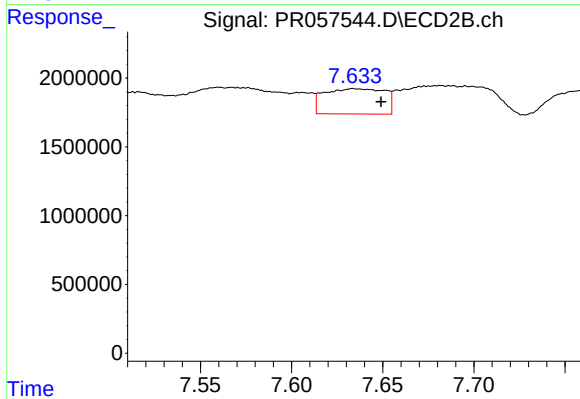
#39 AR-1262-4

R.T.: 7.112 min
Delta R.T.: 0.001 min
Response: 751986
Conc: 4.24 ng/ml



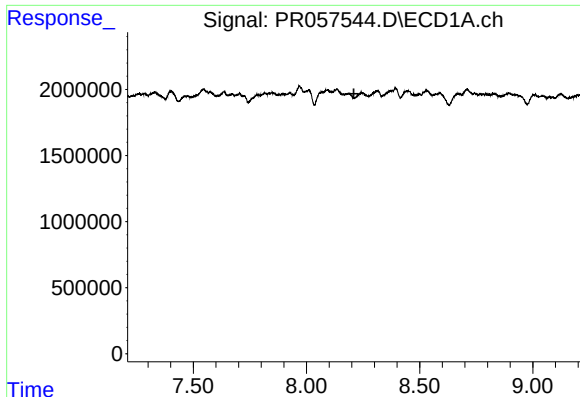
#40 AR-1262-5

R.T.: 8.920 min
Delta R.T.: -0.009 min
Response: 1654985
Conc: 13.71 ng/ml



#40 AR-1262-5

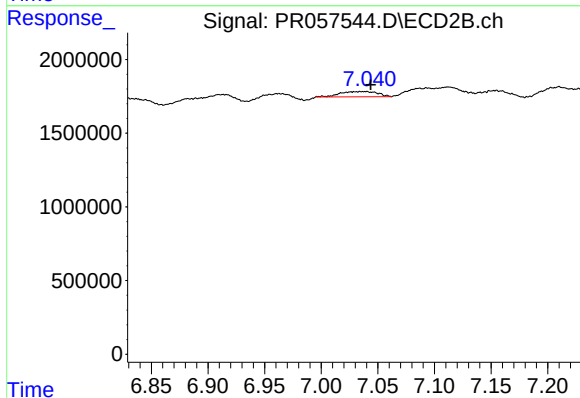
R.T.: 7.634 min
Delta R.T.: -0.015 min
Response: 4245958
Conc: 47.71 ng/ml



#41 AR-1268-1

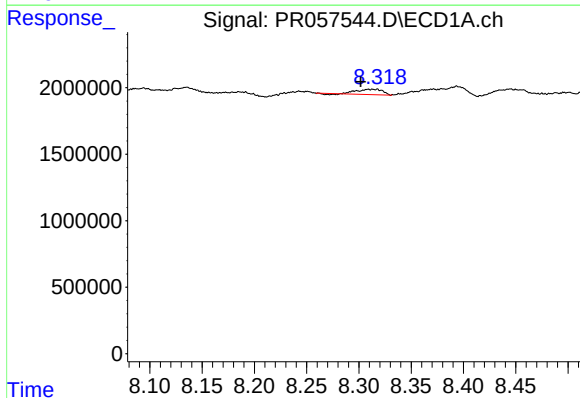
R.T.: 0.000 min
Exp R.T.: 8.210 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



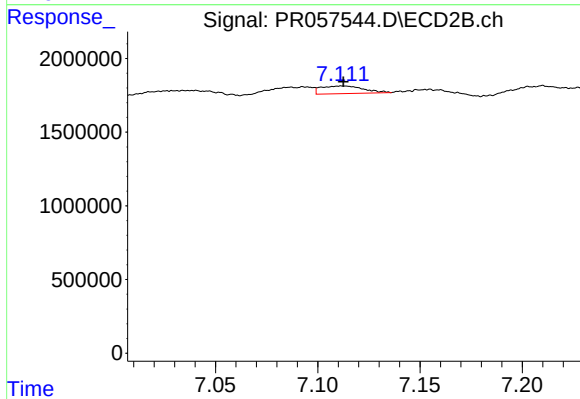
#41 AR-1268-1

R.T.: 7.036 min
Delta R.T.: -0.008 min
Response: 822132
Conc: 3.00 ng/ml



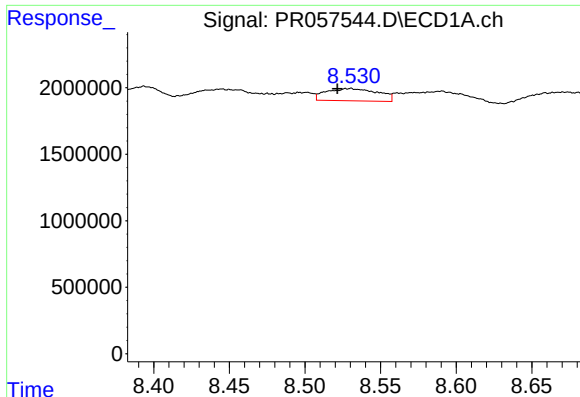
#42 AR-1268-2

R.T.: 8.317 min
Delta R.T.: 0.015 min
Response: 672099
Conc: 1.79 ng/ml



#42 AR-1268-2

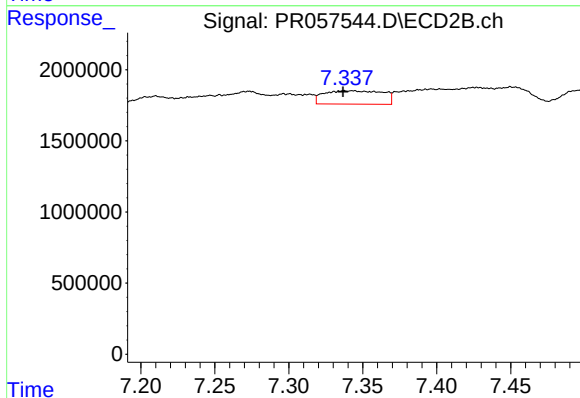
R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 751986
Conc: 2.63 ng/ml



#43 AR-1268-3

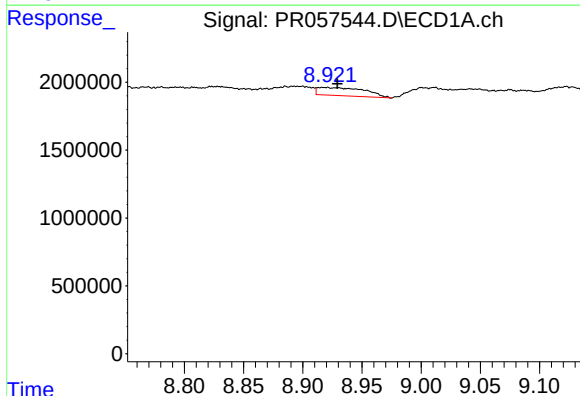
R.T.: 8.530 min
Delta R.T.: 0.008 min
Response: 2192956
Conc: 6.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



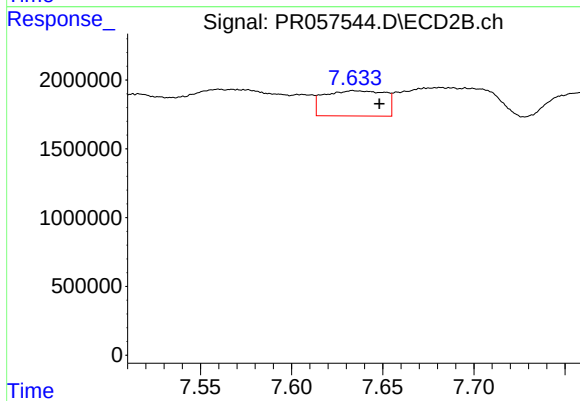
#43 AR-1268-3

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 2599725
Conc: 10.80 ng/ml



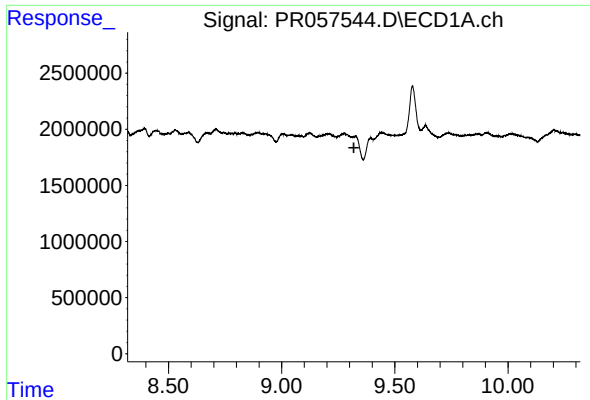
#44 AR-1268-4

R.T.: 8.920 min
Delta R.T.: -0.009 min
Response: 1654985
Conc: 11.72 ng/ml



#44 AR-1268-4

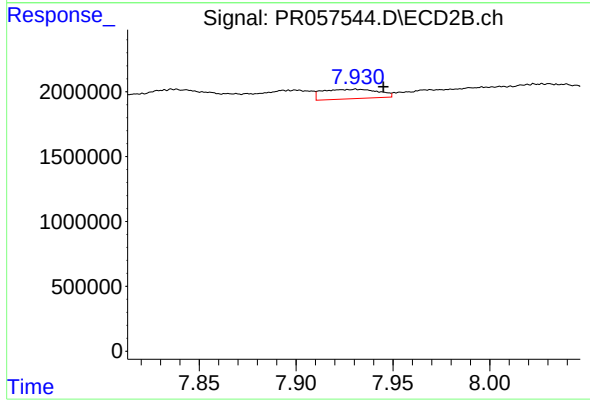
R.T.: 7.634 min
Delta R.T.: -0.014 min
Response: 4245958
Conc: 42.49 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.319 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.931 min
Delta R.T.: -0.014 min
Response: 1454608
Conc: 1.56 ng/ml