

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
 Data File : PR040427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 17:45
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 23:59:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 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...	3.750	4.594	38335279	182.9E6	31.198	29.649
2)	SA Decachlor...	8.677	10.313	63710780	312.5E6	22.116	26.923
Target Compounds							
3)	L1 AR-1016-1	4.818	5.750	2148012	19052997	39.904	76.355 #
4)	L1 AR-1016-2	4.818	5.774	2148012	15539851	23.754	39.838 #
5)	L1 AR-1016-3	0.000	5.836	0	9769429	N.D.	39.886 #
6)	L1 AR-1016-4	0.000	5.928	0	17012159	N.D.	85.854 #
7)	L1 AR-1016-5	5.255	6.224	6155825	9804699	122.598	50.444 #
8)	L2 AR-1221-1	3.959	4.799	918811	9974689	54.033	124.544 #
9)	L2 AR-1221-2	4.046	4.888	1167484	14158377	87.738	225.550 #
10)	L2 AR-1221-3	4.119	4.962	2504620	18996715	59.224	94.820 #
11)	L3 AR-1232-1	4.119	4.962	2504620	18996715	54.802	91.370 #
12)	L3 AR-1232-2	4.818	5.485	2148012	47121375	34.648	414.446 #
13)	L3 AR-1232-3	0.000	5.774	0	15539851	N.D.	60.940 #
14)	L3 AR-1232-4	0.000	5.928	0	17012159	N.D.	132.048 #
15)	L3 AR-1232-5	5.255	0.000	6155825	0	203.686	N.D. #
16)	L4 AR-1242-1	4.818	5.750	2148012	19052997	42.484	78.812 #
17)	L4 AR-1242-2	4.818	5.774	2148012	15539851	25.203	41.916 #
18)	L4 AR-1242-3	0.000	5.836	0	9769429	N.D.	42.976 #
19)	L4 AR-1242-4	0.000	5.928	0	17012159	N.D.	90.002 #
20)	L4 AR-1242-5	0.000	6.651	0	26216867	N.D.	113.921 #
21)	L5 AR-1248-1	4.818	5.750	2148012	19052997	57.120	113.817 #
23)	L5 AR-1248-3	0.000	6.224	0	9804699	N.D.	34.127 #
24)	L5 AR-1248-4	5.255	6.591	6155825	17846581	86.607	49.723 #
25)	L5 AR-1248-5	0.000	6.651	0	26216867	N.D.	75.740 #
26)	L6 AR-1254-1	0.000	6.591	0	17846581	N.D.	45.206 #
27)	L6 AR-1254-2	0.000	6.857	0	45112583	N.D.	71.354 #
28)	L6 AR-1254-3	0.000	7.187	0	46007850	N.D.	63.685 #
29)	L6 AR-1254-4	0.000	7.455	0	26509544	N.D.	48.273 #
30)	L6 AR-1254-5	0.000	7.835	0	28687295	N.D.	48.069 #
31)	L7 AR-1260-1	0.000	7.326	0	18065981	N.D.	43.889 #
32)	L7 AR-1260-2	6.446	7.590	-258906	11002722	N.D.	21.649 #
33)	L7 AR-1260-3	0.000	7.928	0	11396603	N.D.	27.842 #
34)	L7 AR-1260-4	0.000	8.180	0	10028099	N.D.	21.030 #
35)	L7 AR-1260-5	0.000	8.526	0	32130270	N.D.	30.976 #
36)	L8 AR-1262-1	0.000	7.928	0	11396603	N.D.	19.063 #
37)	L8 AR-1262-2	0.000	8.526	0	32130270	N.D.	27.005 #
38)	L8 AR-1262-3	0.000	8.820	0	31905325	N.D.	39.419 #
39)	L8 AR-1262-4	0.000	8.840	0	25535990	N.D.	41.136 #
40)	L8 AR-1262-5	0.000	9.562	0	29315252	N.D.	62.064 #
41)	L9 AR-1268-1	0.000	8.820	0	31905325	N.D.	24.379 #
42)	L9 AR-1268-2	0.000	8.840	0	25535990	N.D.	20.510 #

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 Quant Time: Aug 16 23:59:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
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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
44) L9	AR-1268-4	0.000	9.562	0	29315252	N.D.	59.764 #
45) L9	AR-1268-5	0.000	9.978	0	28288633	N.D.	7.172 #

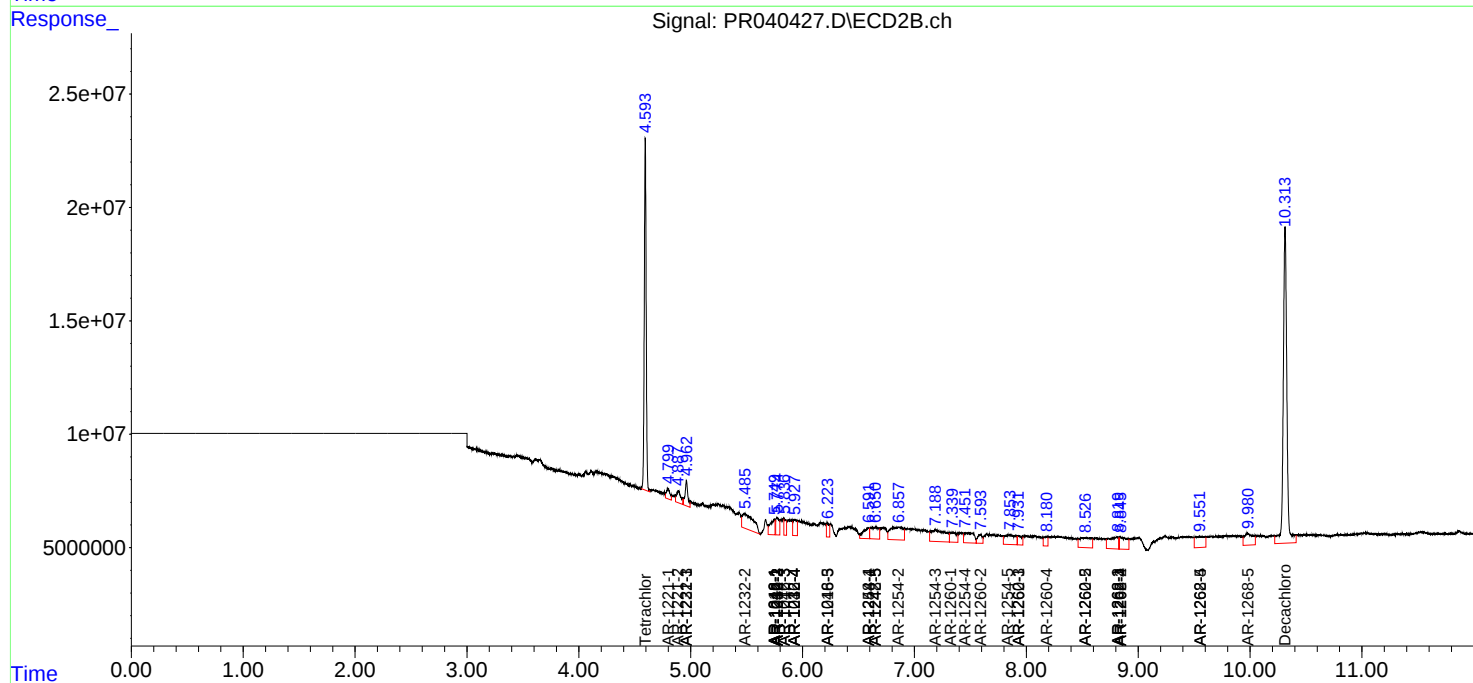
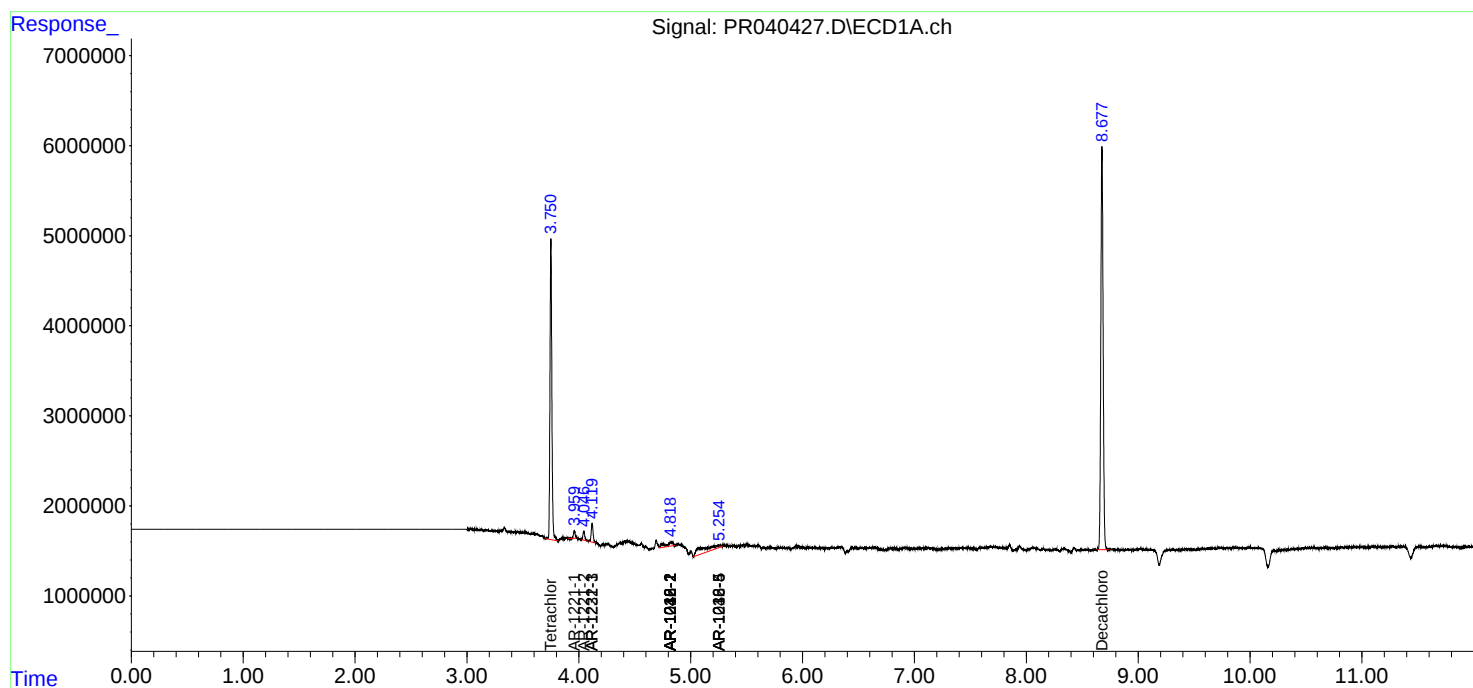
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

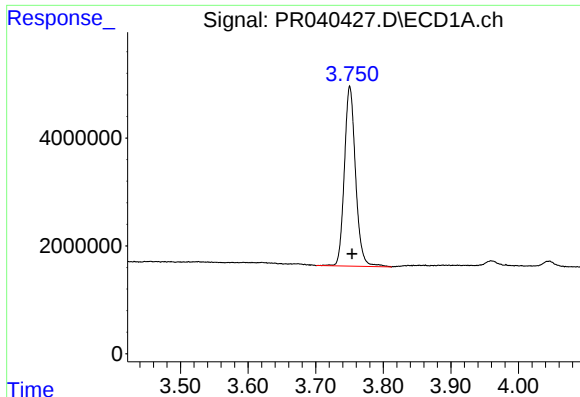
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

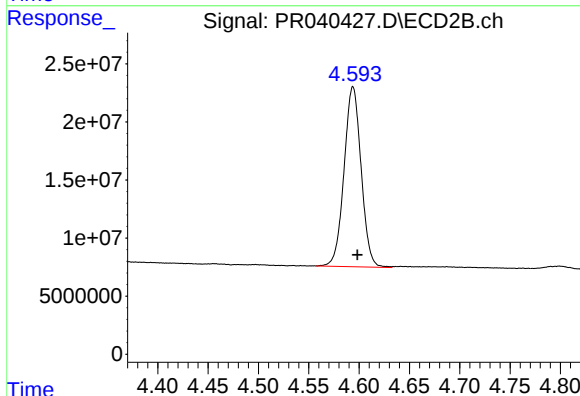




#1 Tetrachloro-m-xylene

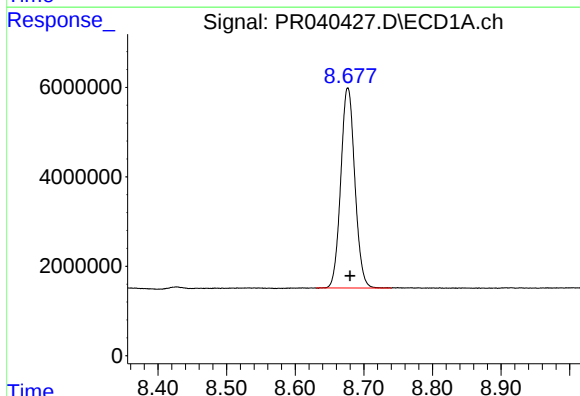
R.T.: 3.750 min
Delta R.T.: -0.004 min
Response: 38335279
Conc: 31.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



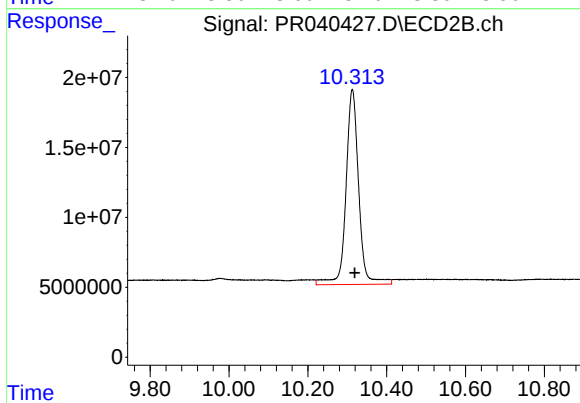
#1 Tetrachloro-m-xylene

R.T.: 4.594 min
Delta R.T.: -0.004 min
Response: 182867054
Conc: 29.65 ng/ml



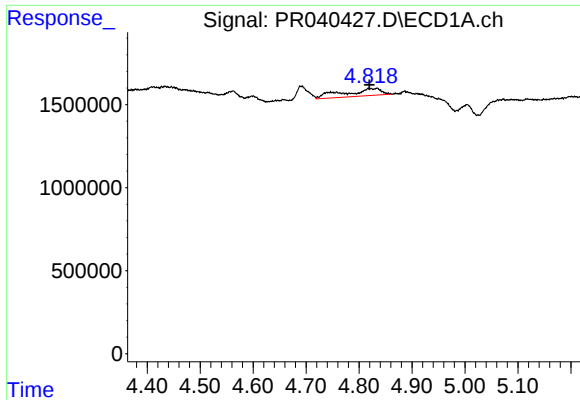
#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.003 min
Response: 63710780
Conc: 22.12 ng/ml



#2 Decachlorobiphenyl

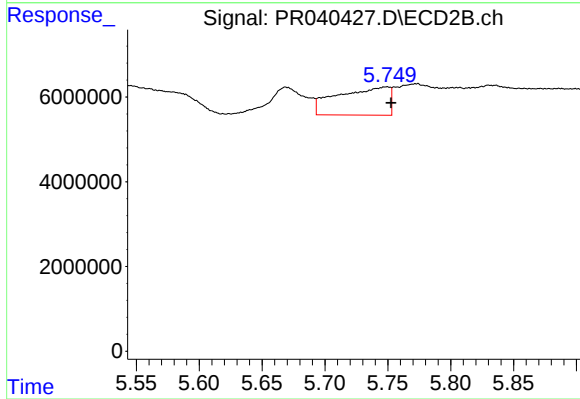
R.T.: 10.313 min
Delta R.T.: -0.006 min
Response: 312479383
Conc: 26.92 ng/ml



#3 AR-1016-1

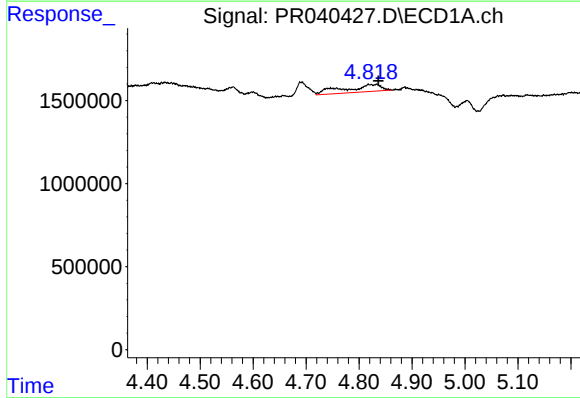
R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 2148012
Conc: 39.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



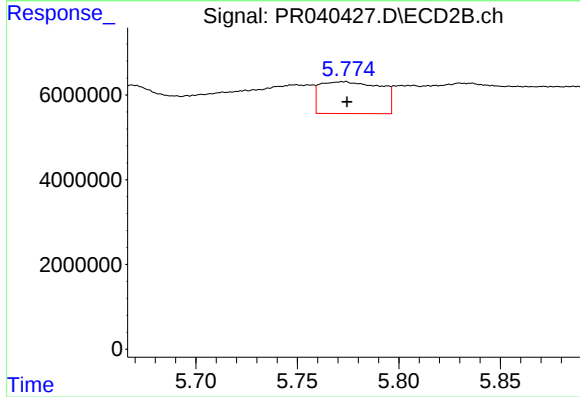
#3 AR-1016-1

R.T.: 5.750 min
Delta R.T.: -0.003 min
Response: 19052997
Conc: 76.36 ng/ml



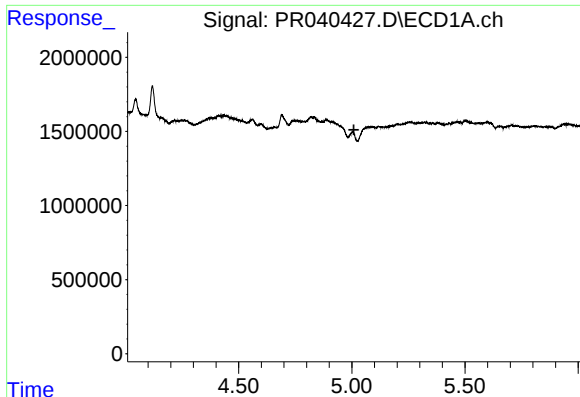
#4 AR-1016-2

R.T.: 4.818 min
Delta R.T.: -0.019 min
Response: 2148012
Conc: 23.75 ng/ml



#4 AR-1016-2

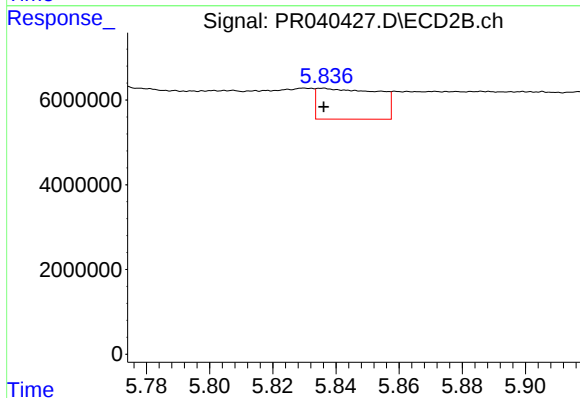
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 15539851
Conc: 39.84 ng/ml



#5 AR-1016-3

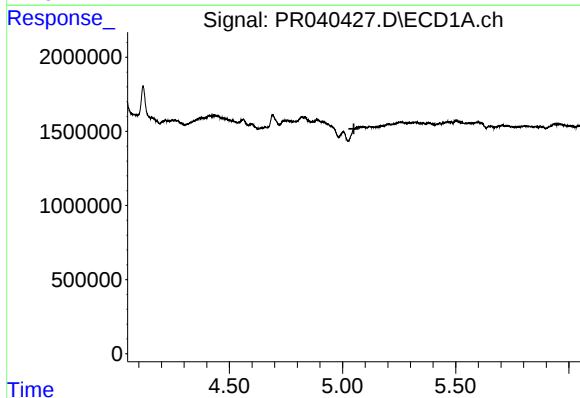
R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



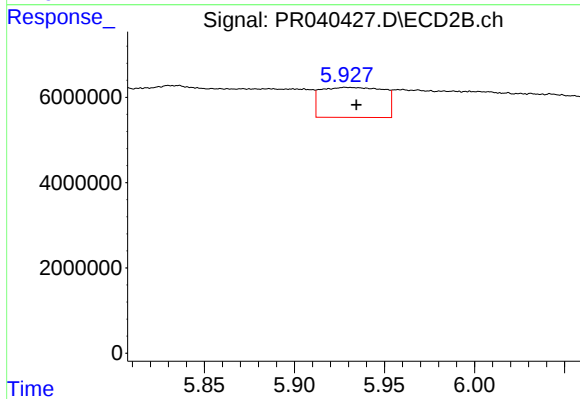
#5 AR-1016-3

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 9769429
Conc: 39.89 ng/ml



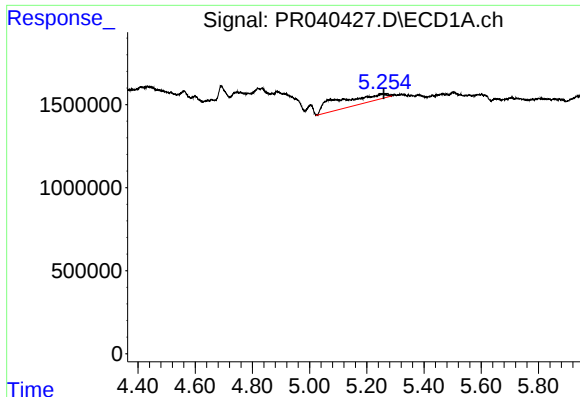
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.050 min
Response: 0
Conc: N.D.



#6 AR-1016-4

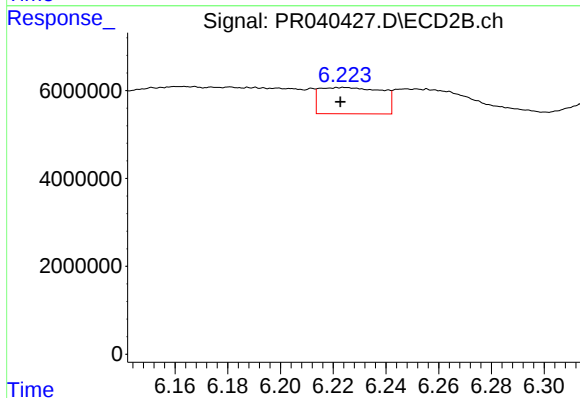
R.T.: 5.928 min
Delta R.T.: -0.006 min
Response: 17012159
Conc: 85.85 ng/ml



#7 AR-1016-5

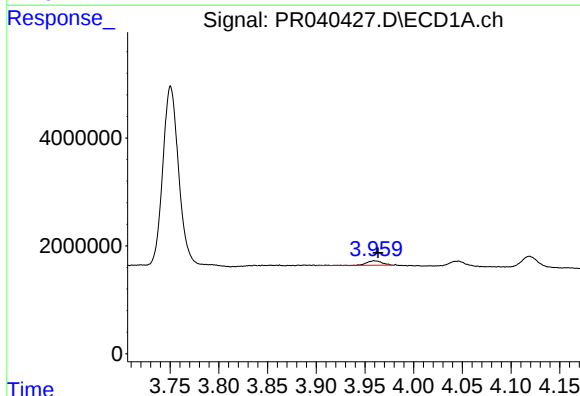
R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 6155825
Conc: 122.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



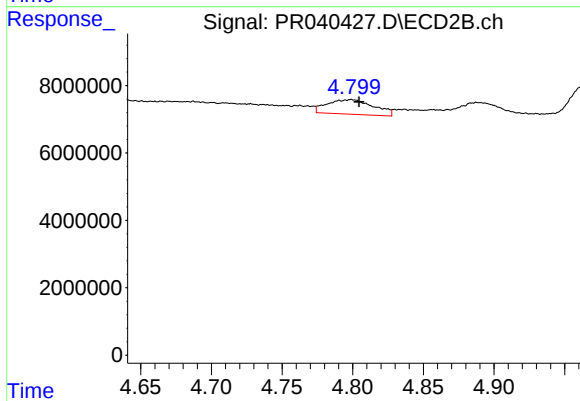
#7 AR-1016-5

R.T.: 6.224 min
Delta R.T.: 0.001 min
Response: 9804699
Conc: 50.44 ng/ml



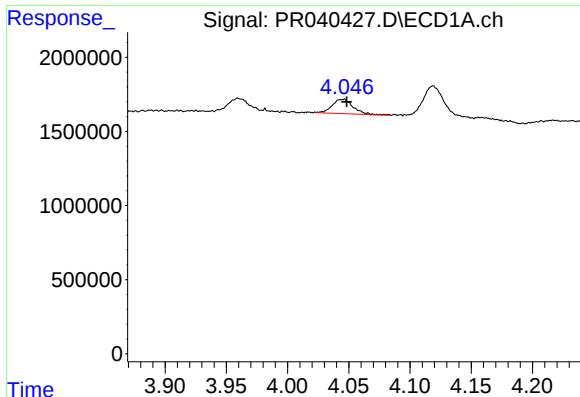
#8 AR-1221-1

R.T.: 3.959 min
Delta R.T.: -0.004 min
Response: 918811
Conc: 54.03 ng/ml



#8 AR-1221-1

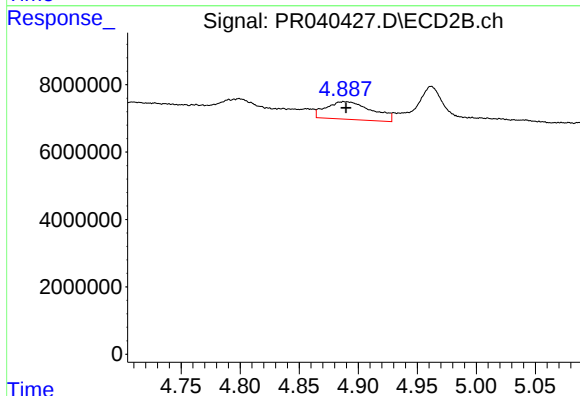
R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 9974689
Conc: 124.54 ng/ml



#9 AR-1221-2

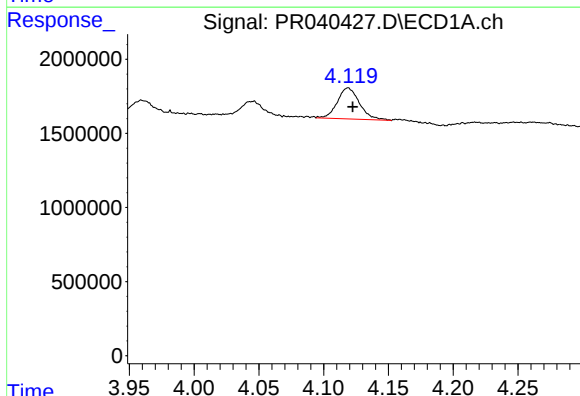
R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 1167484
Conc: 87.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



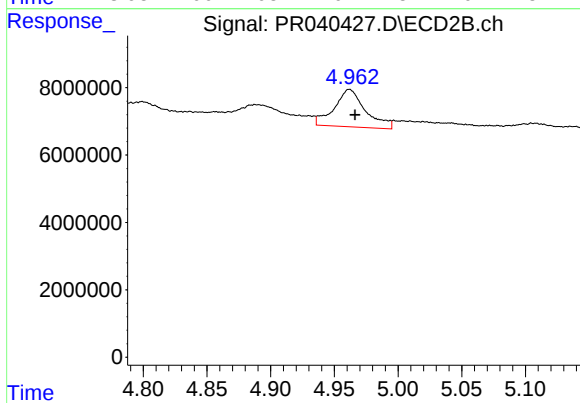
#9 AR-1221-2

R.T.: 4.888 min
Delta R.T.: -0.002 min
Response: 14158377
Conc: 225.55 ng/ml



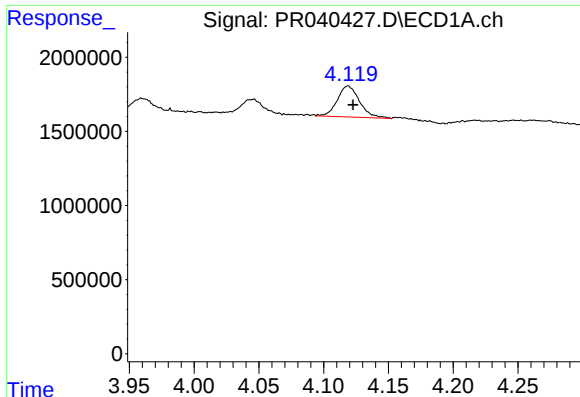
#10 AR-1221-3

R.T.: 4.119 min
Delta R.T.: -0.003 min
Response: 2504620
Conc: 59.22 ng/ml



#10 AR-1221-3

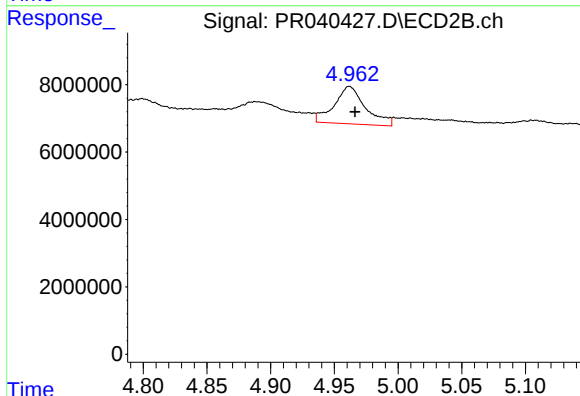
R.T.: 4.962 min
Delta R.T.: -0.004 min
Response: 18996715
Conc: 94.82 ng/ml



#11 AR-1232-1

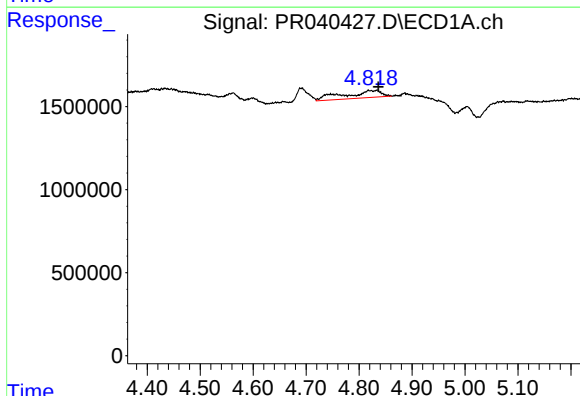
R.T.: 4.119 min
Delta R.T.: -0.004 min
Response: 2504620
Conc: 54.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



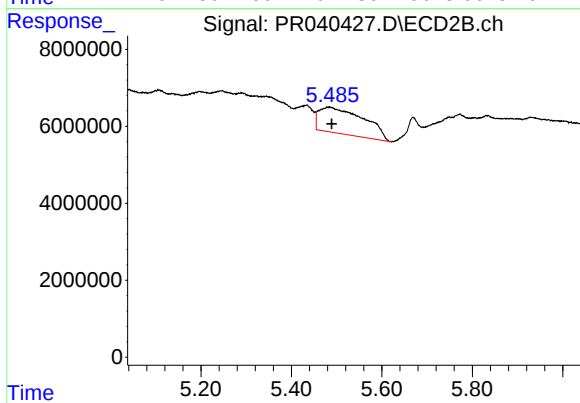
#11 AR-1232-1

R.T.: 4.962 min
Delta R.T.: -0.004 min
Response: 18996715
Conc: 91.37 ng/ml



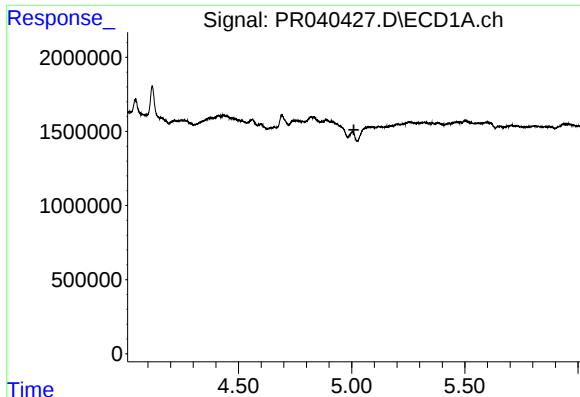
#12 AR-1232-2

R.T.: 4.818 min
Delta R.T.: -0.019 min
Response: 2148012
Conc: 34.65 ng/ml



#12 AR-1232-2

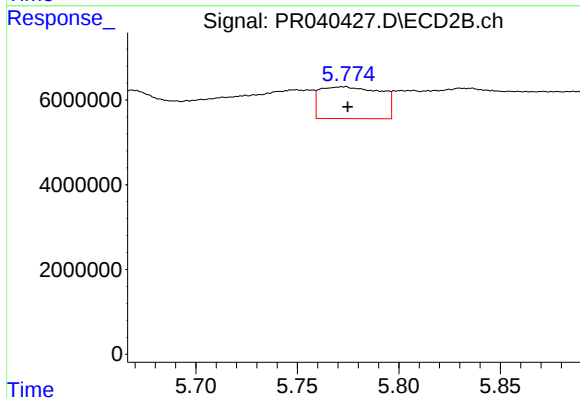
R.T.: 5.485 min
Delta R.T.: -0.004 min
Response: 47121375
Conc: 414.45 ng/ml



#13 AR-1232-3

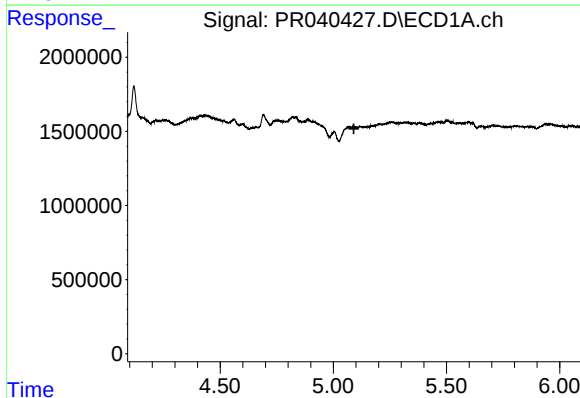
R.T.: 0.000 min
Exp R.T.: 5.010 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



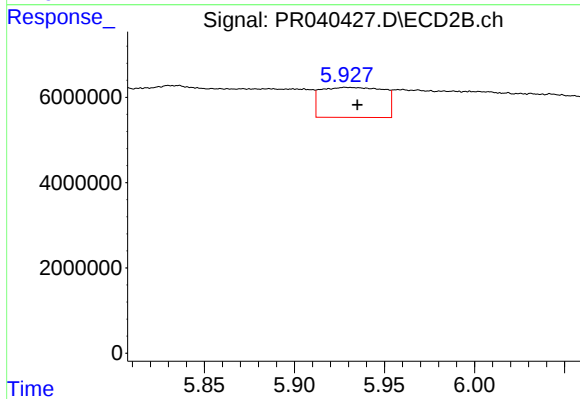
#13 AR-1232-3

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 15539851
Conc: 60.94 ng/ml



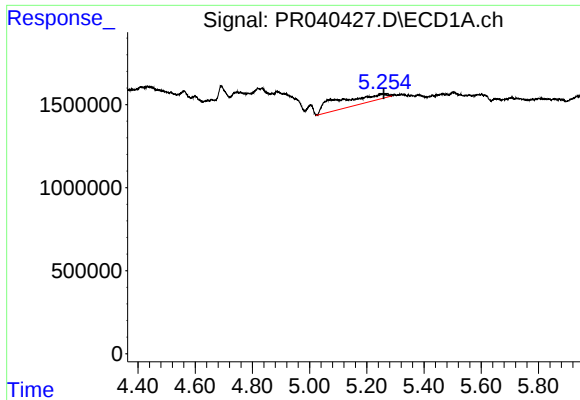
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.091 min
Response: 0
Conc: N.D.



#14 AR-1232-4

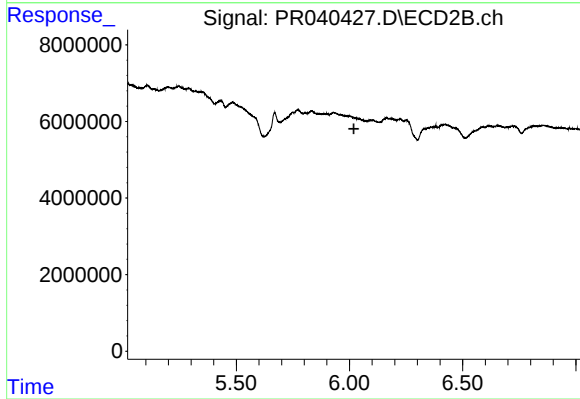
R.T.: 5.928 min
Delta R.T.: -0.007 min
Response: 17012159
Conc: 132.05 ng/ml



#15 AR-1232-5

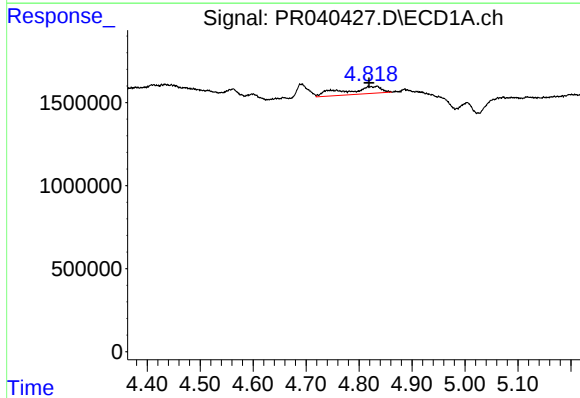
R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 6155825
Conc: 203.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



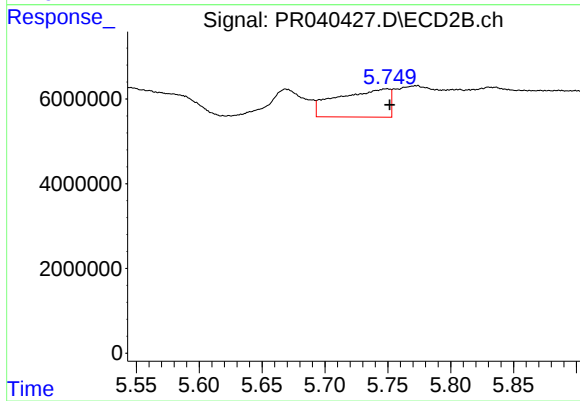
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



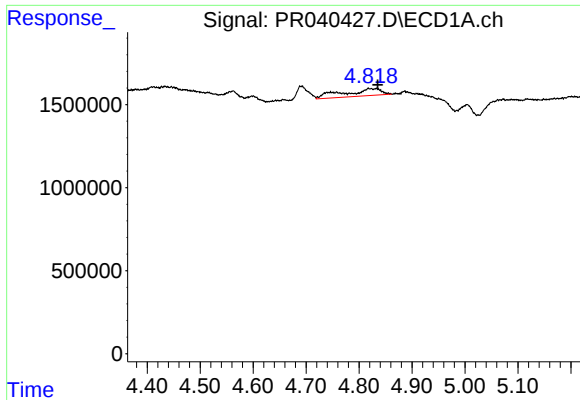
#16 AR-1242-1

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 2148012
Conc: 42.48 ng/ml



#16 AR-1242-1

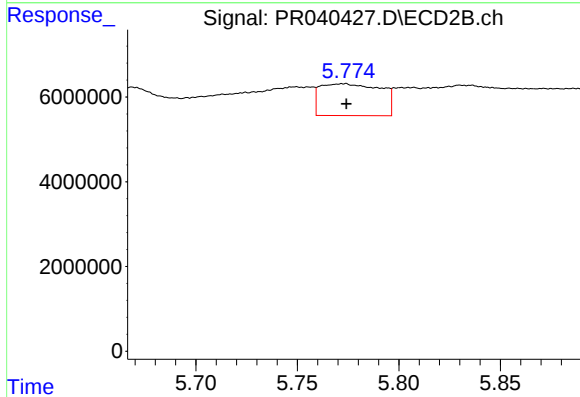
R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 19052997
Conc: 78.81 ng/ml



#17 AR-1242-2

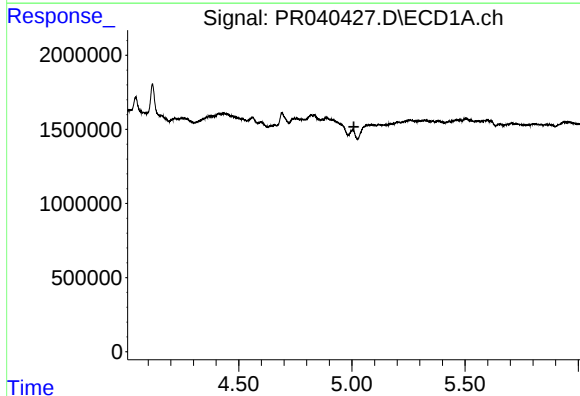
R.T.: 4.818 min
Delta R.T.: -0.018 min
Response: 2148012
Conc: 25.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



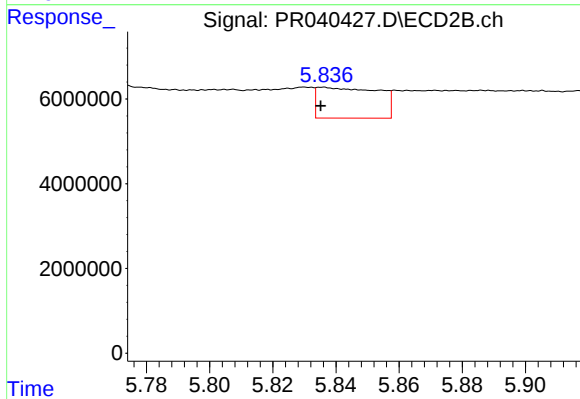
#17 AR-1242-2

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 15539851
Conc: 41.92 ng/ml



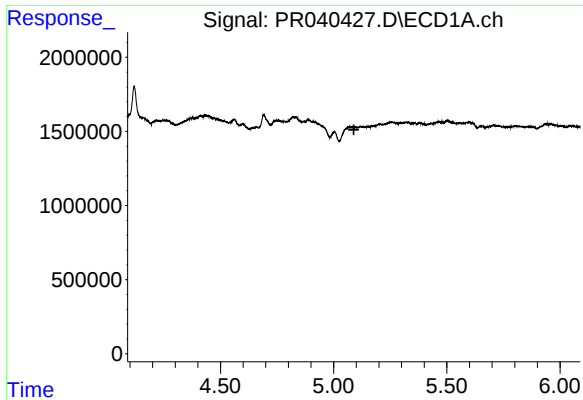
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.009 min
Response: 0
Conc: N.D.



#18 AR-1242-3

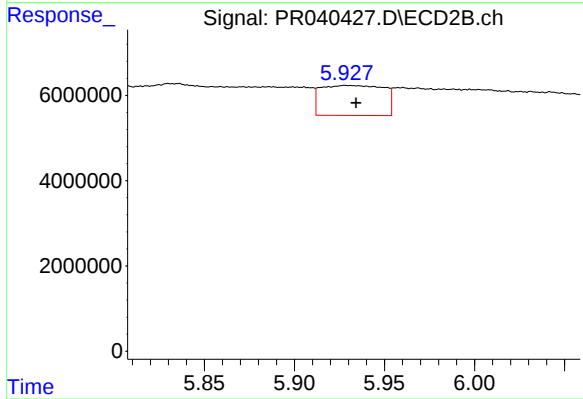
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 9769429
Conc: 42.98 ng/ml



#19 AR-1242-4

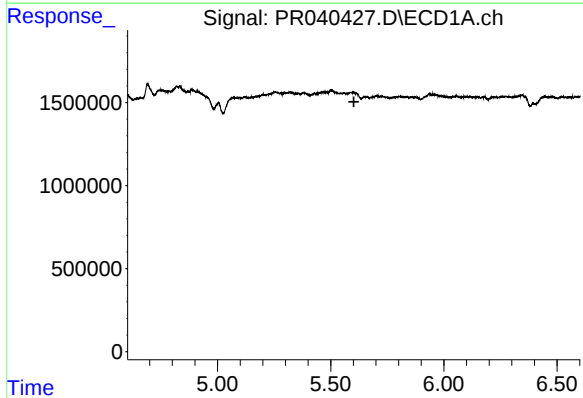
R.T.: 0.000 min
Exp R.T.: 5.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



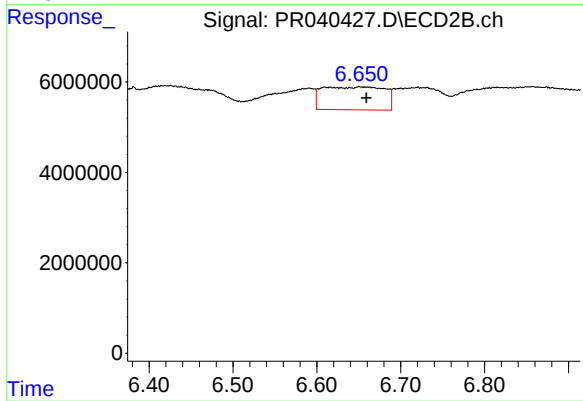
#19 AR-1242-4

R.T.: 5.928 min
Delta R.T.: -0.006 min
Response: 17012159
Conc: 90.00 ng/ml



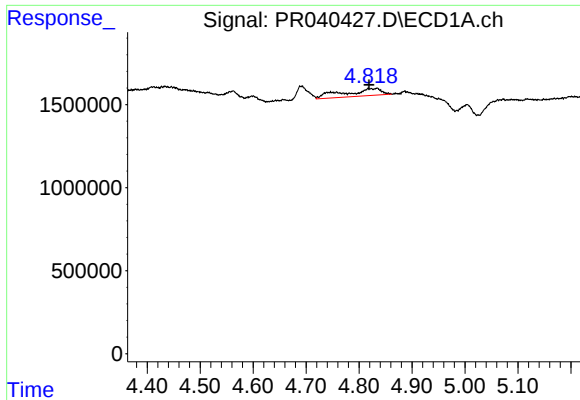
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 5.603 min
Response: 0
Conc: N.D.



#20 AR-1242-5

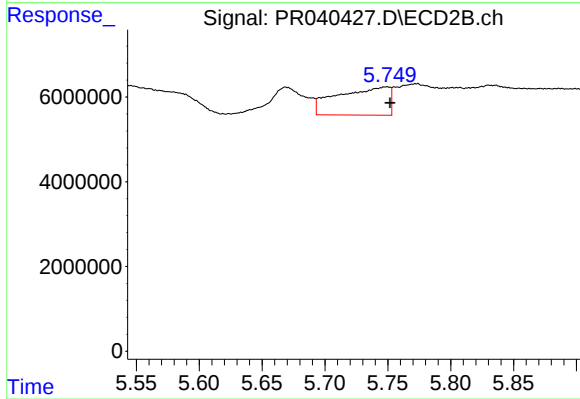
R.T.: 6.651 min
Delta R.T.: -0.008 min
Response: 26216867
Conc: 113.92 ng/ml



#21 AR-1248-1

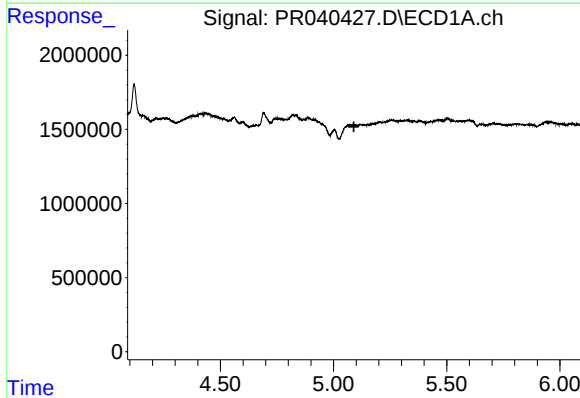
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 2148012
Conc: 57.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



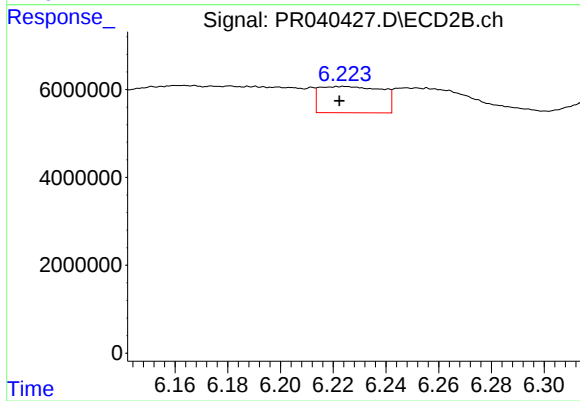
#21 AR-1248-1

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 19052997
Conc: 113.82 ng/ml



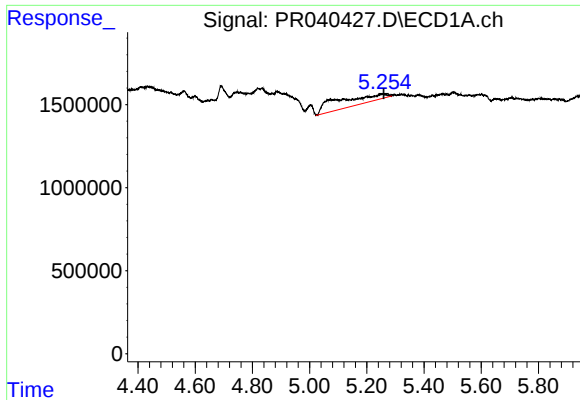
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.090 min
Response: 0
Conc: N.D.



#23 AR-1248-3

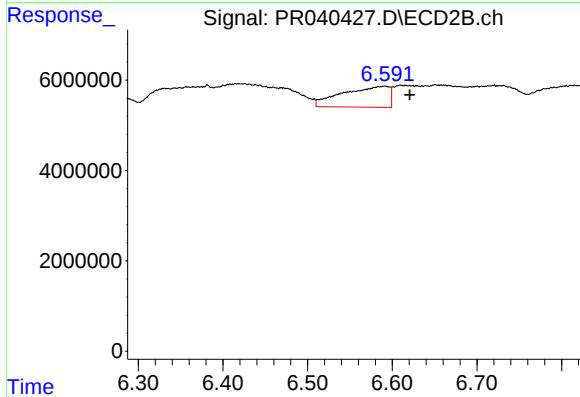
R.T.: 6.224 min
Delta R.T.: 0.002 min
Response: 9804699
Conc: 34.13 ng/ml



#24 AR-1248-4

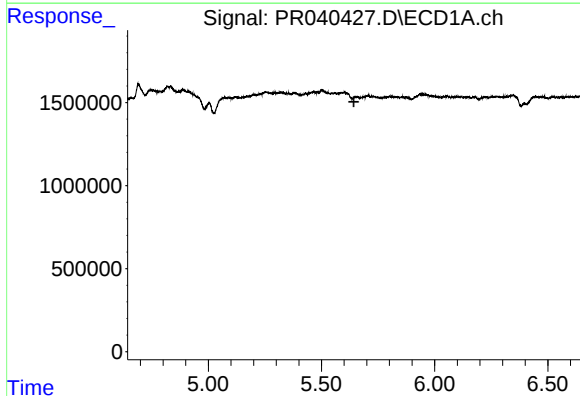
R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 6155825
Conc: 86.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



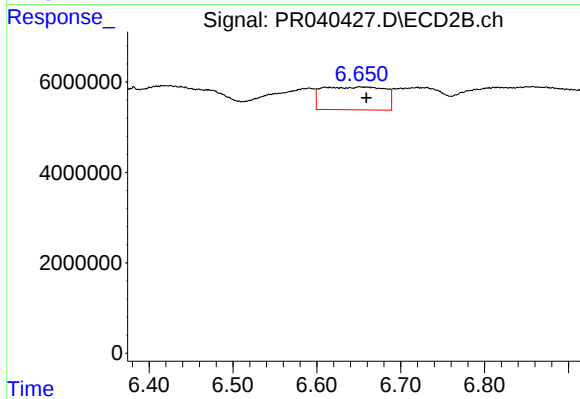
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: -0.030 min
Response: 17846581
Conc: 49.72 ng/ml



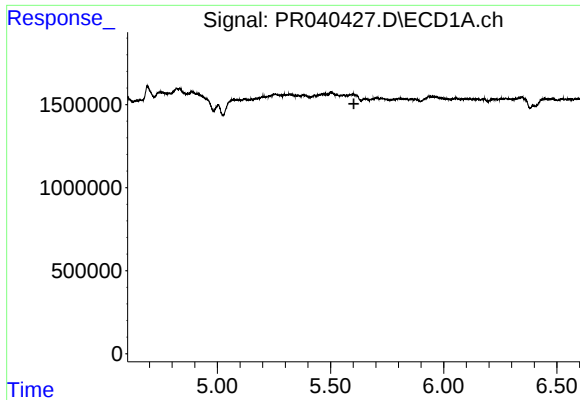
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.643 min
Response: 0
Conc: N.D.



#25 AR-1248-5

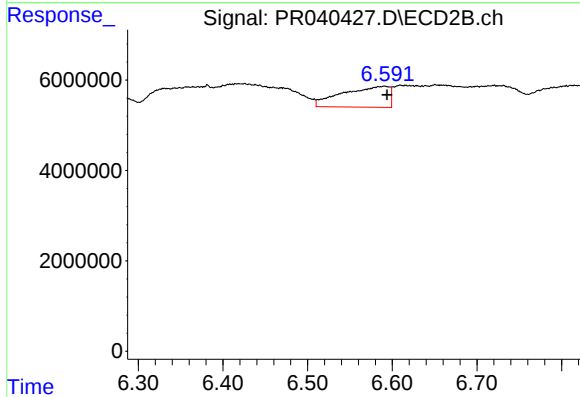
R.T.: 6.651 min
Delta R.T.: -0.008 min
Response: 26216867
Conc: 75.74 ng/ml



#26 AR-1254-1

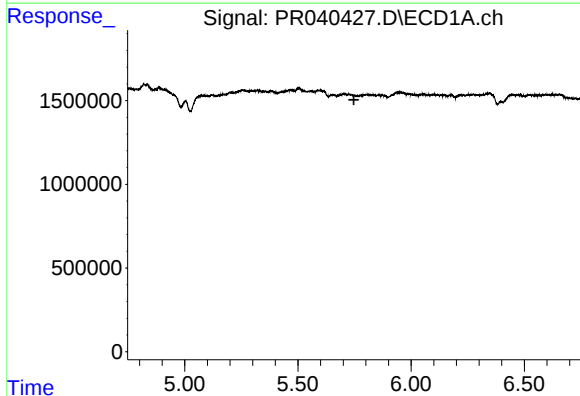
R.T.: 0.000 min
Exp R.T.: 5.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



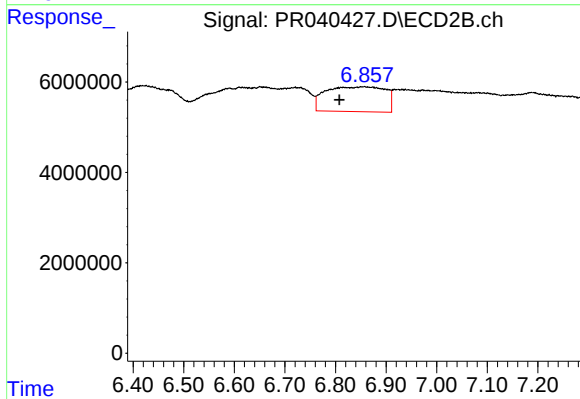
#26 AR-1254-1

R.T.: 6.591 min
Delta R.T.: -0.003 min
Response: 17846581
Conc: 45.21 ng/ml



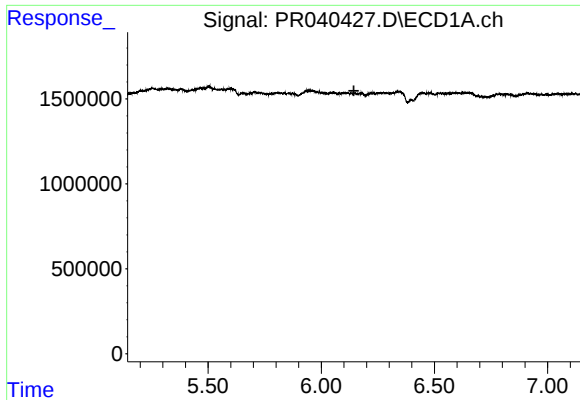
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 5.747 min
Response: 0
Conc: N.D.



#27 AR-1254-2

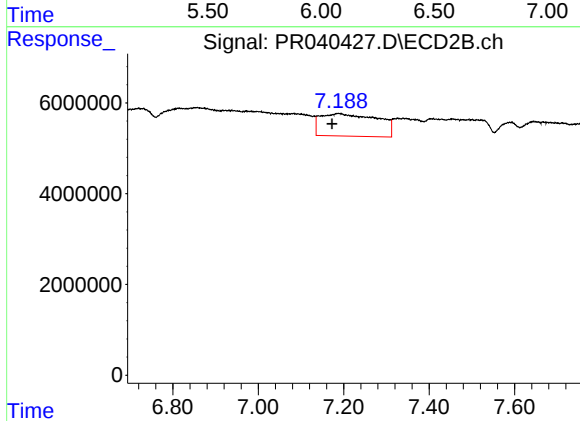
R.T.: 6.857 min
Delta R.T.: 0.050 min
Response: 45112583
Conc: 71.35 ng/ml



#28 AR-1254-3

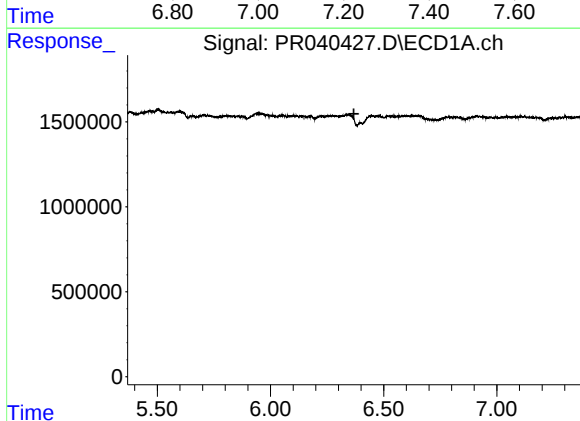
R.T.: 0.000 min
Exp R.T.: 6.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



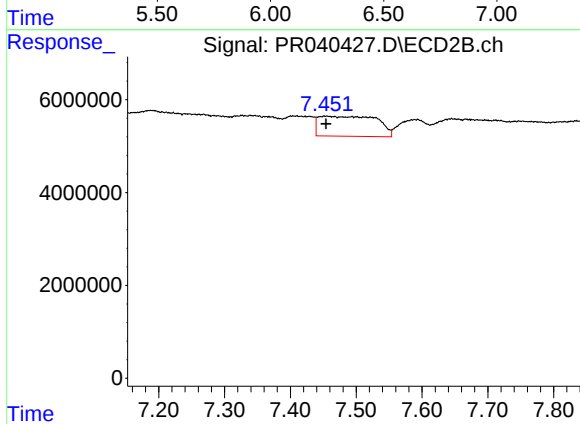
#28 AR-1254-3

R.T.: 7.187 min
Delta R.T.: 0.015 min
Response: 46007850
Conc: 63.68 ng/ml



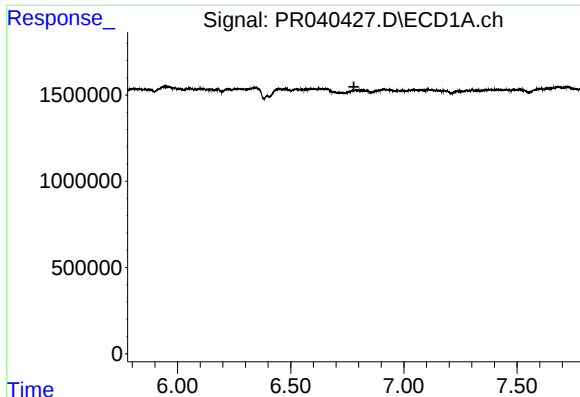
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.368 min
Response: 0
Conc: N.D.



#29 AR-1254-4

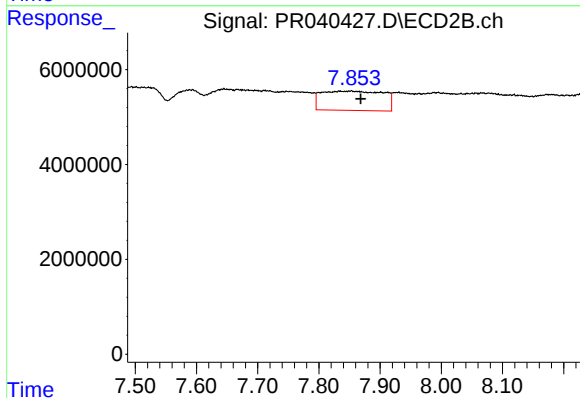
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 26509544
Conc: 48.27 ng/ml



#30 AR-1254-5

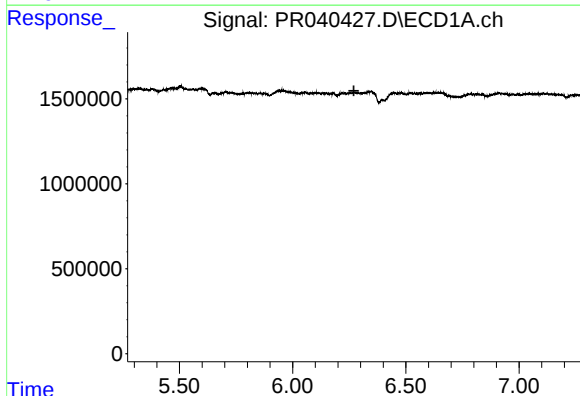
R.T.: 0.000 min
Exp R.T.: 6.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



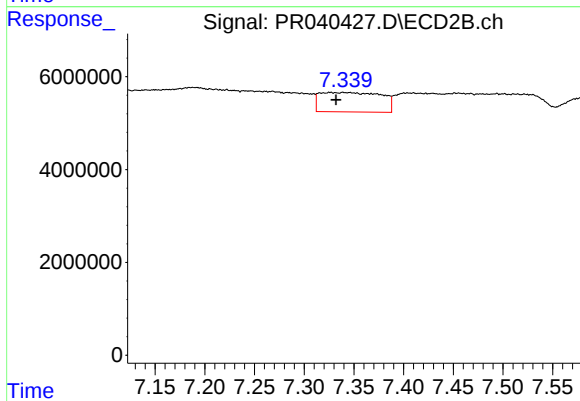
#30 AR-1254-5

R.T.: 7.835 min
Delta R.T.: -0.033 min
Response: 28687295
Conc: 48.07 ng/ml



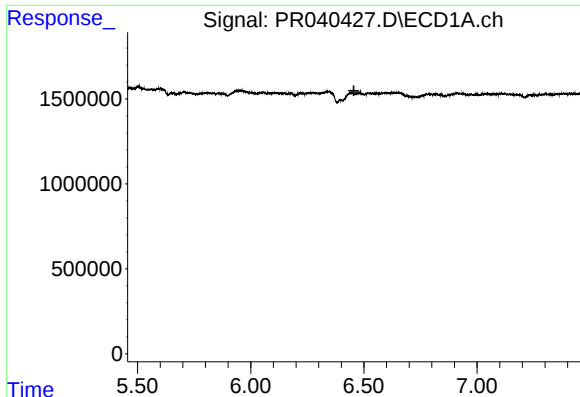
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 6.271 min
Response: 0
Conc: N.D.



#31 AR-1260-1

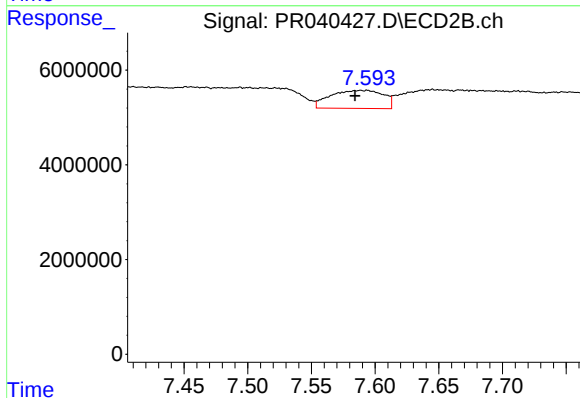
R.T.: 7.326 min
Delta R.T.: -0.006 min
Response: 18065981
Conc: 43.89 ng/ml



#32 AR-1260-2

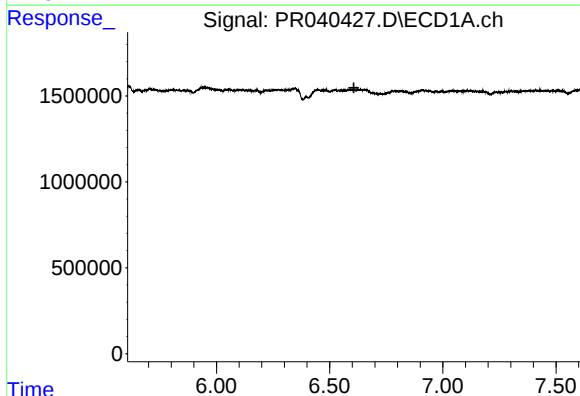
R.T.: 6.446 min
Delta R.T.: -0.010 min
Response: -258906
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



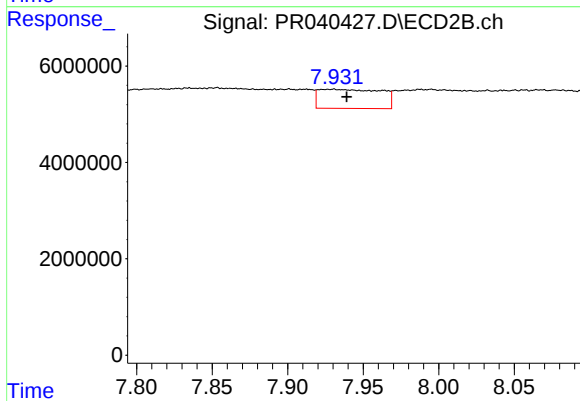
#32 AR-1260-2

R.T.: 7.590 min
Delta R.T.: 0.006 min
Response: 11002722
Conc: 21.65 ng/ml



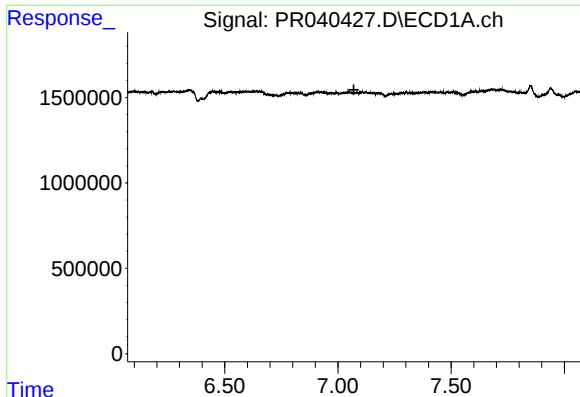
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.607 min
Response: 0
Conc: N.D.



#33 AR-1260-3

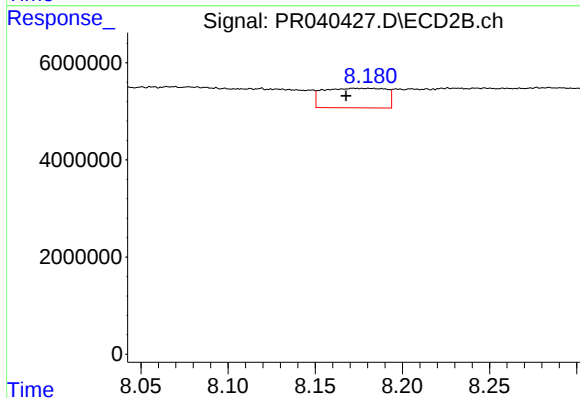
R.T.: 7.928 min
Delta R.T.: -0.011 min
Response: 11396603
Conc: 27.84 ng/ml



#34 AR-1260-4

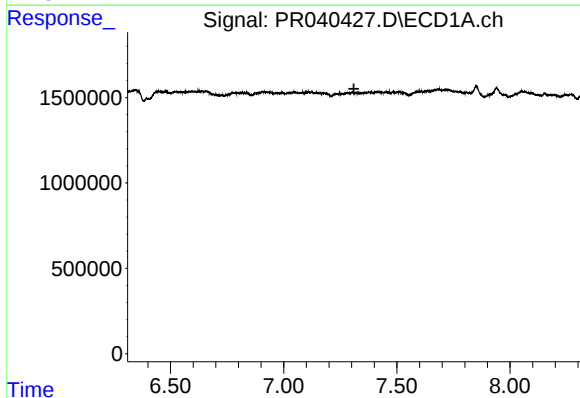
R.T.: 0.000 min
Exp R.T.: 7.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



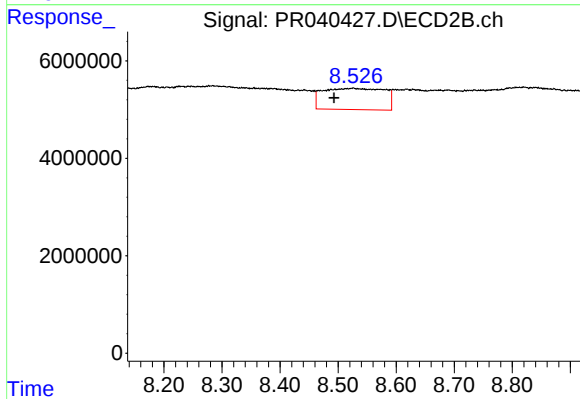
#34 AR-1260-4

R.T.: 8.180 min
Delta R.T.: 0.012 min
Response: 10028099
Conc: 21.03 ng/ml



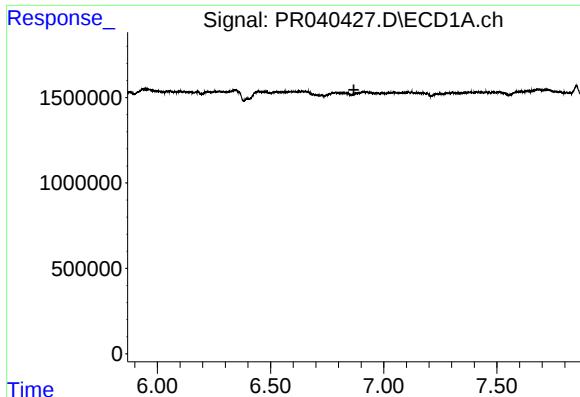
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.310 min
Response: 0
Conc: N.D.



#35 AR-1260-5

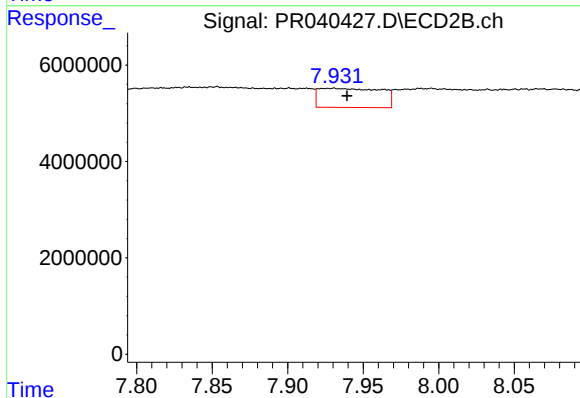
R.T.: 8.526 min
Delta R.T.: 0.032 min
Response: 32130270
Conc: 30.98 ng/ml



#36 AR-1262-1

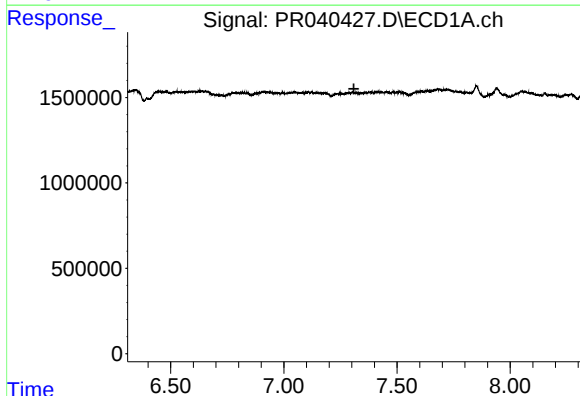
R.T.: 0.000 min
Exp R.T.: 6.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



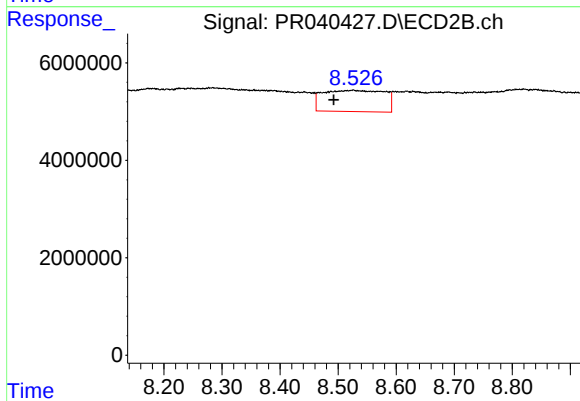
#36 AR-1262-1

R.T.: 7.928 min
Delta R.T.: -0.011 min
Response: 11396603
Conc: 19.06 ng/ml



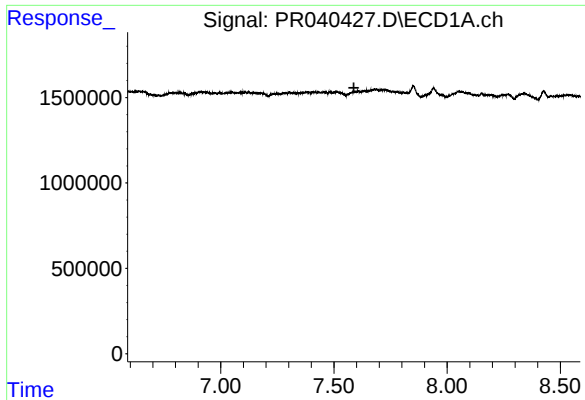
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 7.310 min
Response: 0
Conc: N.D.



#37 AR-1262-2

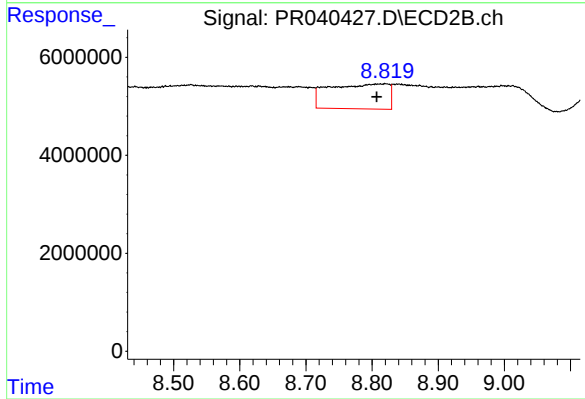
R.T.: 8.526 min
Delta R.T.: 0.033 min
Response: 32130270
Conc: 27.01 ng/ml



#38 AR-1262-3

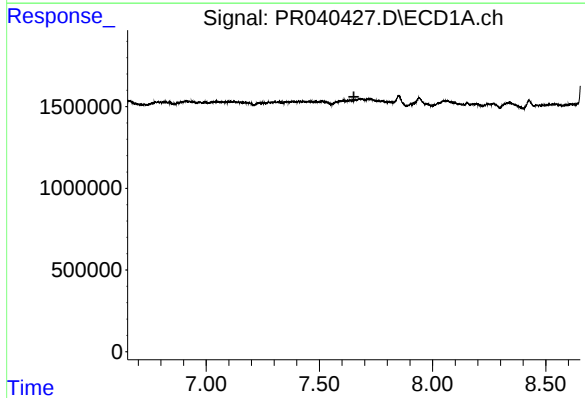
R.T.: 0.000 min
Exp R.T.: 7.588 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



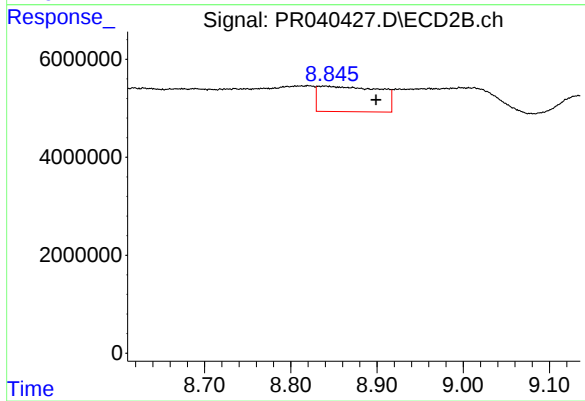
#38 AR-1262-3

R.T.: 8.820 min
Delta R.T.: 0.013 min
Response: 31905325
Conc: 39.42 ng/ml



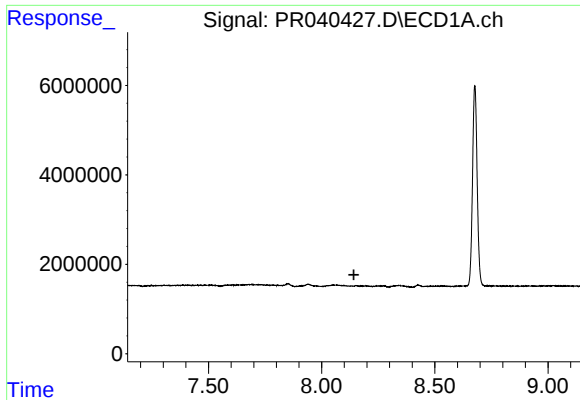
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 7.653 min
Response: 0
Conc: N.D.



#39 AR-1262-4

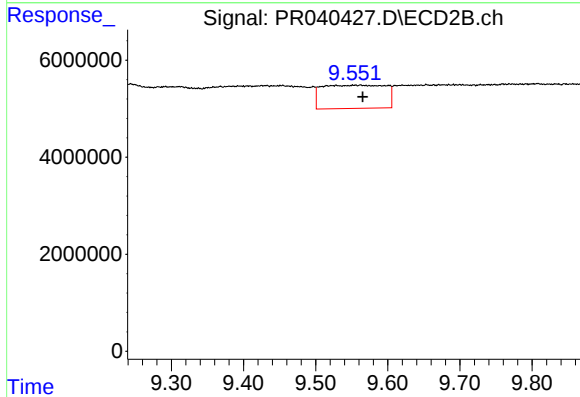
R.T.: 8.840 min
Delta R.T.: -0.059 min
Response: 25535990
Conc: 41.14 ng/ml



#40 AR-1262-5

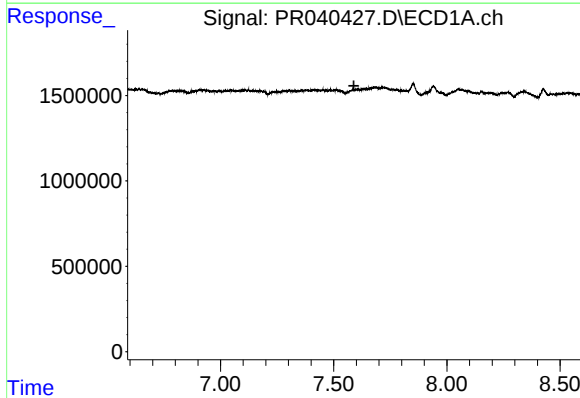
R.T.: 0.000 min
Exp R.T.: 8.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



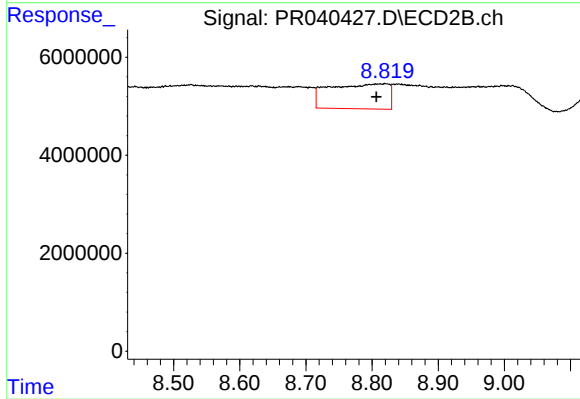
#40 AR-1262-5

R.T.: 9.562 min
Delta R.T.: -0.003 min
Response: 29315252
Conc: 62.06 ng/ml



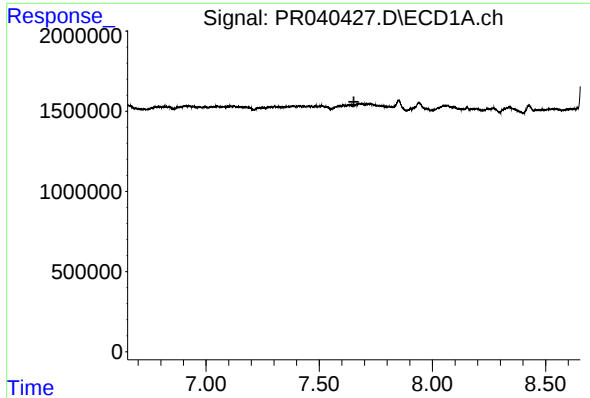
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.589 min
Response: 0
Conc: N.D.



#41 AR-1268-1

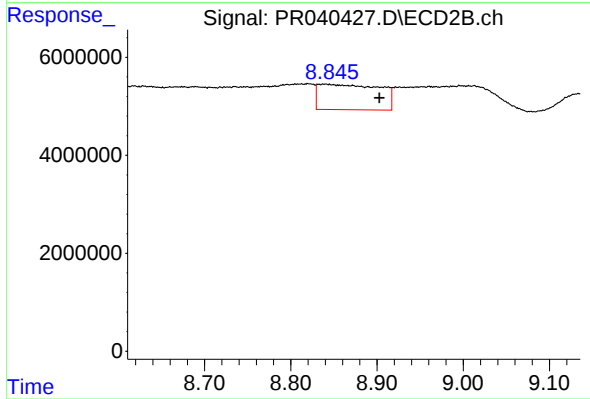
R.T.: 8.820 min
Delta R.T.: 0.014 min
Response: 31905325
Conc: 24.38 ng/ml



#42 AR-1268-2

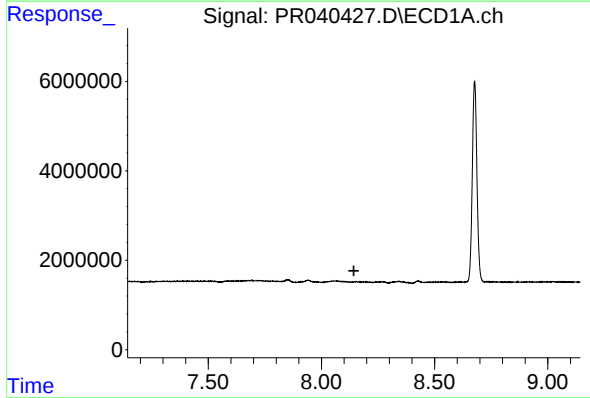
R.T.: 0.000 min
Exp R.T.: 7.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



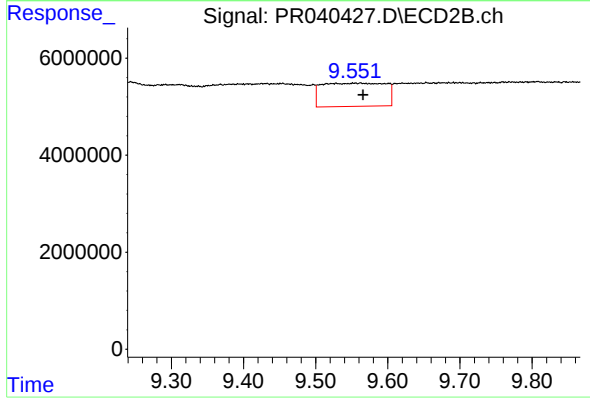
#42 AR-1268-2

R.T.: 8.840 min
Delta R.T.: -0.063 min
Response: 25535990
Conc: 20.51 ng/ml



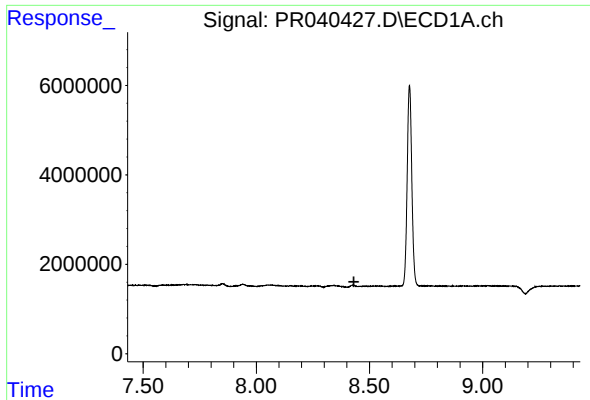
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.143 min
Response: 0
Conc: N.D.



#44 AR-1268-4

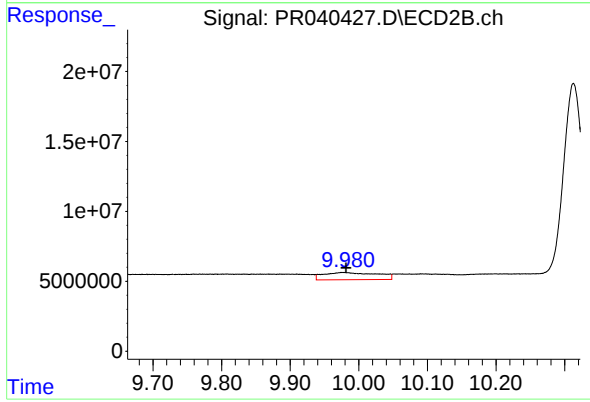
R.T.: 9.562 min
Delta R.T.: -0.004 min
Response: 29315252
Conc: 59.76 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.431 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 9.978 min
Delta R.T.: -0.004 min
Response: 28288633
Conc: 7.17 ng/ml