

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR082118\
 Data File : PR031513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2018 11:57
 Operator : SM\SJ
 Sample : J4540-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:59:43 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 21 07:29:33 2018
 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...	4.556	3.683	153.5E6	247.2E6	15.131	14.243
2)	SA Decachlor...	10.327	8.557	502.4E6	332.1E6	16.449	15.875
Target Compounds							
3)	L1 AR-1016-1	4.933	4.334	31492929	12258650	154.285	20.468 #
4)	L1 AR-1016-2	5.404	0.000	17344346	0	53.718	N.D. #
5)	L1 AR-1016-3	5.766	0.000	24856479	0	32.554	N.D. #
6)	L1 AR-1016-4	5.805	4.846	15697735	68786131	32.906	67.818 #
7)	L1 AR-1016-5	6.330	4.981	13278422	68970059	28.380	103.051 #
8)	L2 AR-1221-1	4.755	3.918	19024316	19555004	208.493	122.821 #
9)	L2 AR-1221-2	4.829	3.984	17576516	17827321	243.098	137.275 #
10)	L2 AR-1221-3	4.933	3.984	31492929	17827321	137.492	41.712 #
11)	L3 AR-1232-1	5.259	4.334	18632163	12258650	169.335	89.490 #
12)	L3 AR-1232-2	5.404	0.000	17344346	0	144.868	N.D. #
13)	L3 AR-1232-3	5.766	4.846	24856479	68786131	89.715	180.586 #
14)	L3 AR-1232-4	5.805	4.981	15697735	68970059	88.242	249.885 #
15)	L3 AR-1232-5	6.209	5.334	38893400	81533613	272.405	216.836
16)	L4 AR-1242-1	5.404	4.543	17344346	41281818	97.908	116.513
17)	L4 AR-1242-2	5.681	0.000	19214086	0	66.911	N.D. #
18)	L4 AR-1242-3	5.766	4.981	24856479	68970059	61.374	157.779 #
19)	L4 AR-1242-4	6.209	4.981	38893400	68970059	163.363	187.822
20)	L4 AR-1242-5	6.330	5.184	13278422	71675832	49.454	135.966 #
21)	L5 AR-1248-1	6.209	4.981	38893400	68970059	93.381	104.274
22)	L5 AR-1248-2	6.330	4.981	13278422	68970059	37.424	99.767 #
23)	L5 AR-1248-3	6.635	5.184	70764315	71675832	128.287	80.157 #
24)	L5 AR-1248-4	6.635	5.514	70764315	15360624	134.274	10.409 #
25)	L5 AR-1248-5	6.793	5.538	46761312	34735484	82.832	32.900 #
26)	L6 AR-1254-1	5.955	4.981	5587403	68970059	18.272	109.024 #
27)	L6 AR-1254-2	6.793	0.000	46761312	0	42.622	N.D. #
28)	L6 AR-1254-3	7.158	6.061	9616593	28216336	7.317	9.091
29)	L6 AR-1254-4	7.448	0.000	25725743	0	23.041	N.D. #
30)	L6 AR-1254-5	7.867	0.000	28616529	0	24.492	N.D. #
31)	L7 AR-1260-1	0.000	6.192	0	51806538	N.D.	22.496 #
32)	L7 AR-1260-2	7.581	6.364	13553336	34721924	9.179	11.962 #
33)	L7 AR-1260-3	7.867	0.000	28616529	0	16.609	N.D. #
34)	L7 AR-1260-4	8.483	7.283	26104654	25442170	8.310	7.544
35)	L7 AR-1260-5	8.817	0.000	22903266	0	11.269	N.D. #
36)	L8 AR-1262-1	0.000	6.192	0	51806538	N.D.	26.160 #
37)	L8 AR-1262-2	7.581	6.364	13553336	34721924	10.979	14.508 #
38)	L8 AR-1262-3	7.928	0.000	21241060	0	11.197	N.D. #
39)	L8 AR-1262-4	8.121	0.000	15938913	0	9.753	N.D. #
40)	L8 AR-1262-5	8.483	7.283	26104654	25442170	6.935	7.003
41)	L9 AR-1268-1	8.817	0.000	22903266	0	5.800	N.D. #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082018.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
42) L9	AR-1268-2	8.896	0.000	25634586	0	7.338	N.D. #
45) L9	AR-1268-5	9.986	0.000	5432228	0	0.575	N.D. #

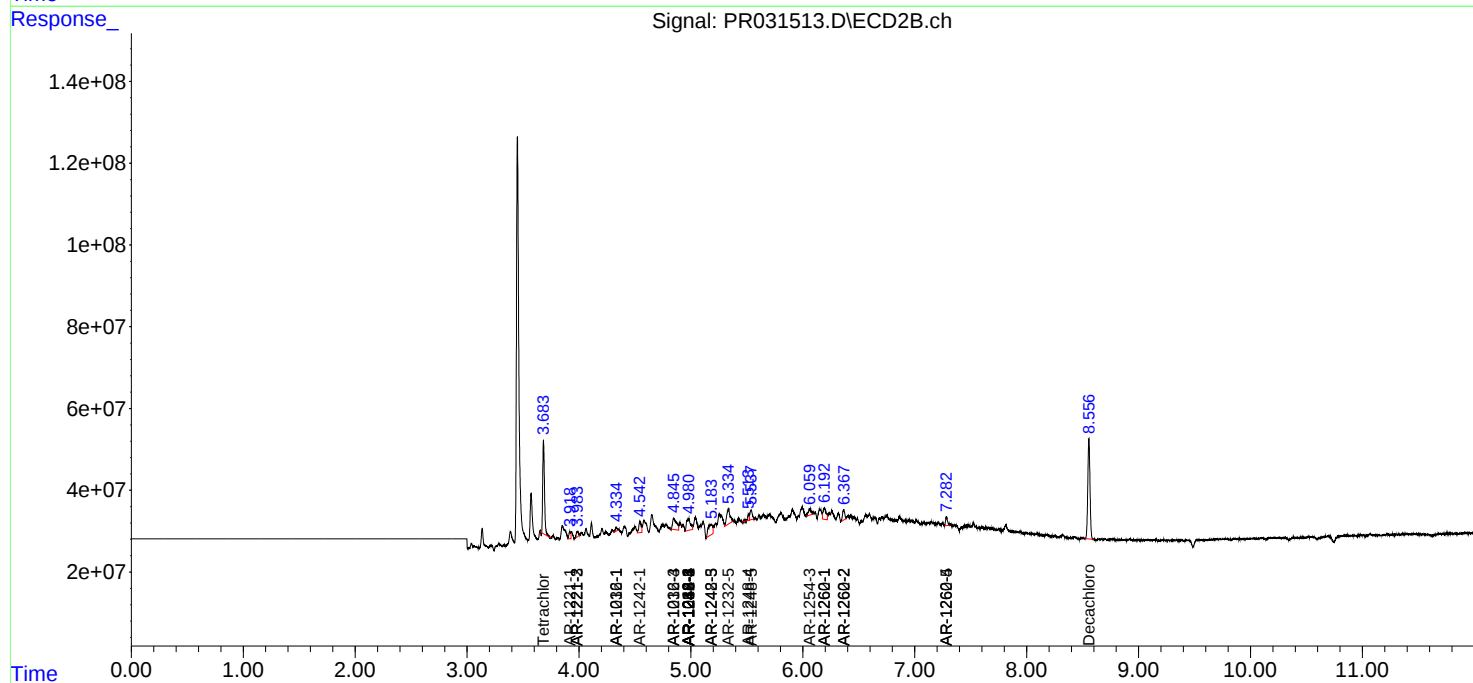
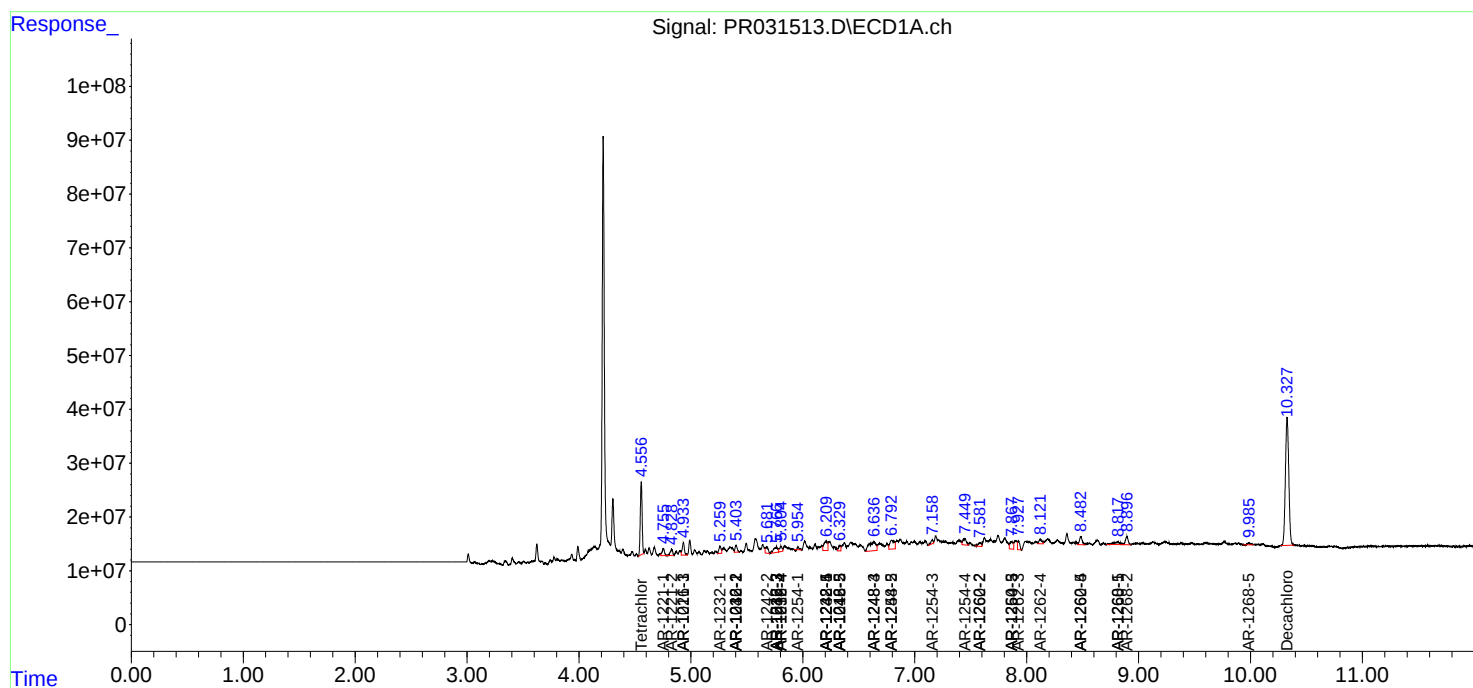
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

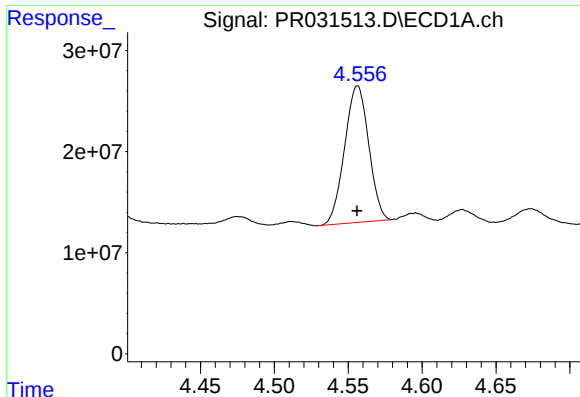
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

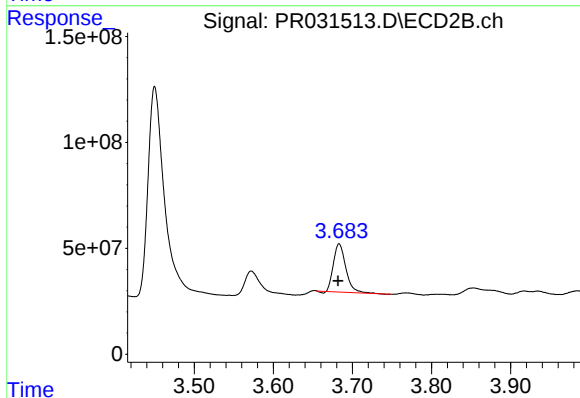




#1 Tetrachloro-m-xylene

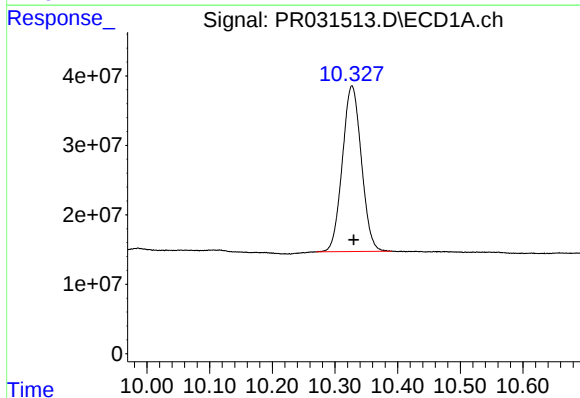
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 153521582
Conc: 15.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



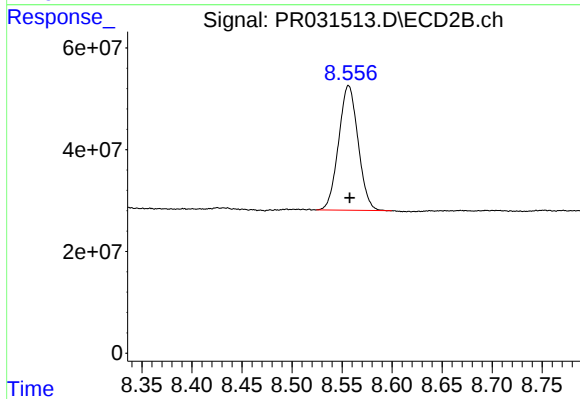
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: 0.001 min
Response: 247152229
Conc: 14.24 ng/ml



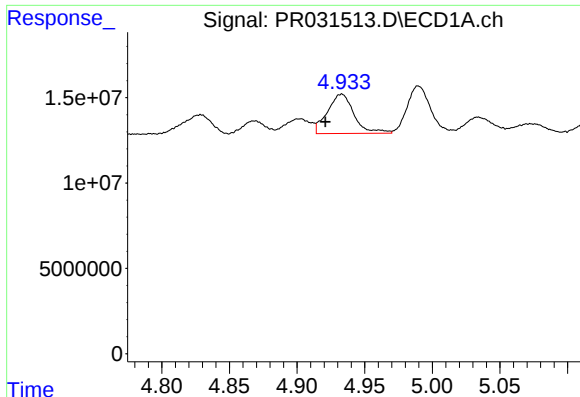
#2 Decachlorobiphenyl

R.T.: 10.327 min
Delta R.T.: -0.003 min
Response: 502385468
Conc: 16.45 ng/ml



#2 Decachlorobiphenyl

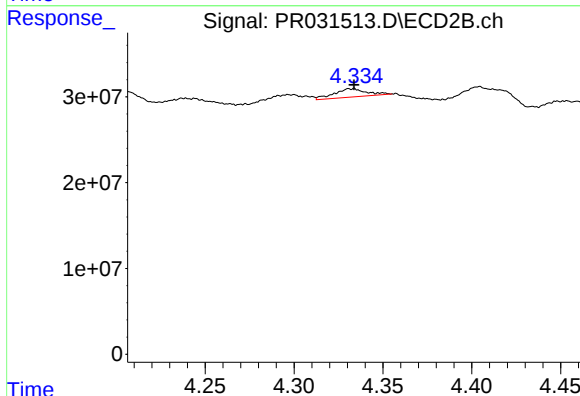
R.T.: 8.557 min
Delta R.T.: -0.001 min
Response: 332114689
Conc: 15.88 ng/ml



#3 AR-1016-1

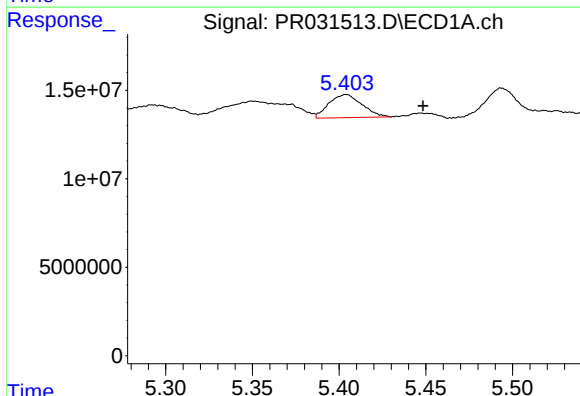
R.T.: 4.933 min
Delta R.T.: 0.012 min
Response: 31492929
Conc: 154.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



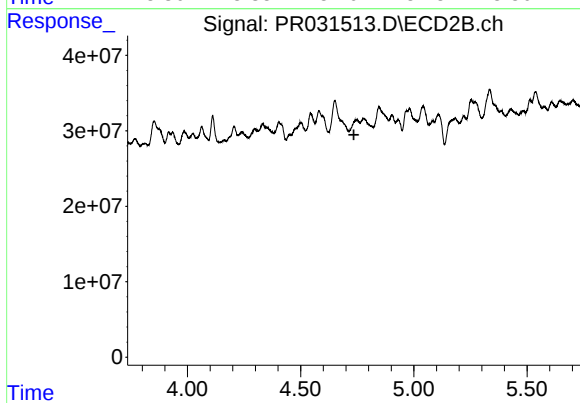
#3 AR-1016-1

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 12258650
Conc: 20.47 ng/ml



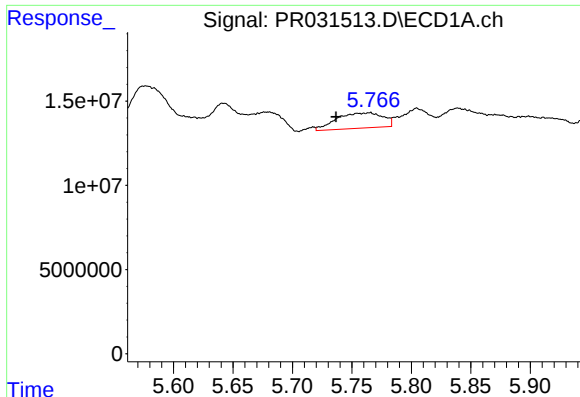
#4 AR-1016-2

R.T.: 5.404 min
Delta R.T.: -0.044 min
Response: 17344346
Conc: 53.72 ng/ml



#4 AR-1016-2

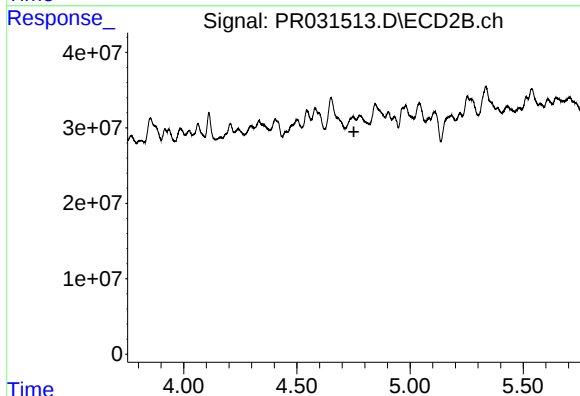
R.T.: 0.000 min
Exp R.T.: 4.735 min
Response: 0
Conc: N.D.



#5 AR-1016-3

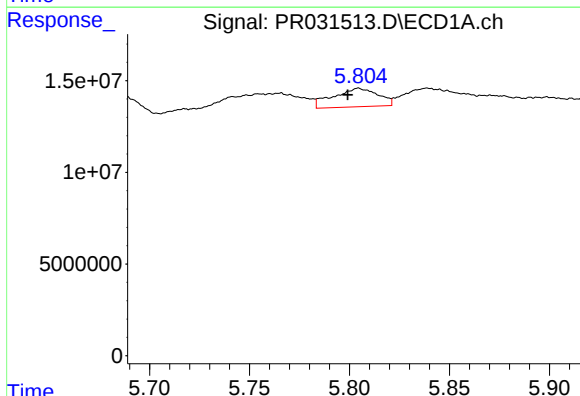
R.T.: 5.766 min
Delta R.T.: 0.029 min
Response: 24856479
Conc: 32.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



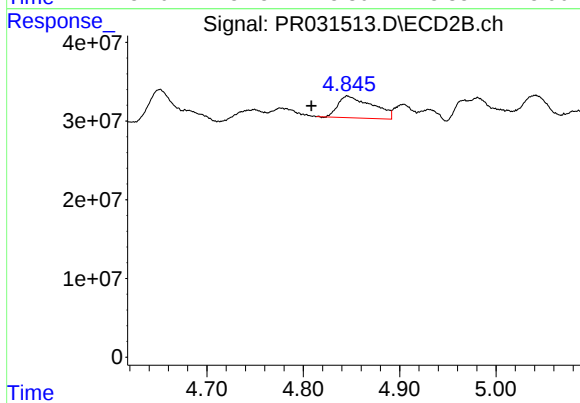
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.752 min
Response: 0
Conc: N.D.



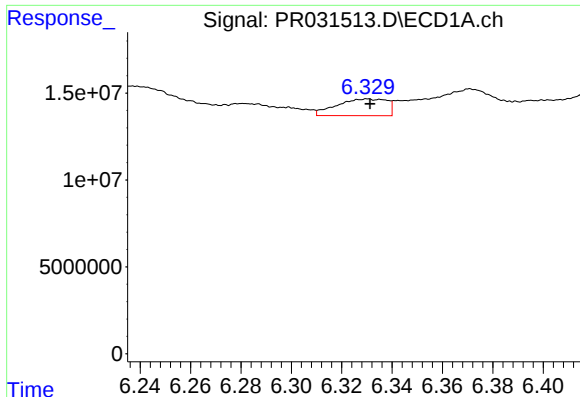
#6 AR-1016-4

R.T.: 5.805 min
Delta R.T.: 0.005 min
Response: 15697735
Conc: 32.91 ng/ml



#6 AR-1016-4

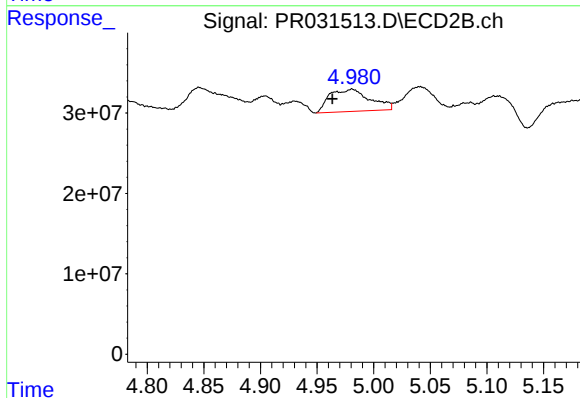
R.T.: 4.846 min
Delta R.T.: 0.037 min
Response: 68786131
Conc: 67.82 ng/ml



#7 AR-1016-5

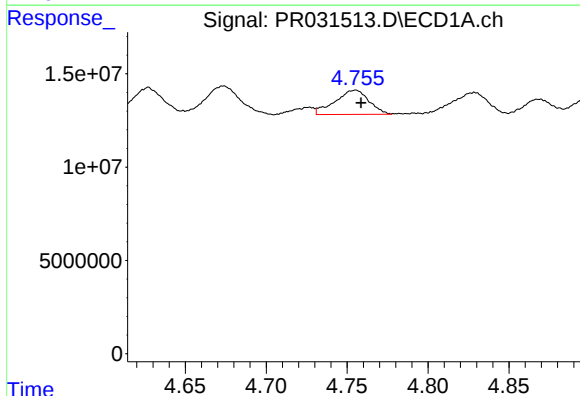
R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 13278422
Conc: 28.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



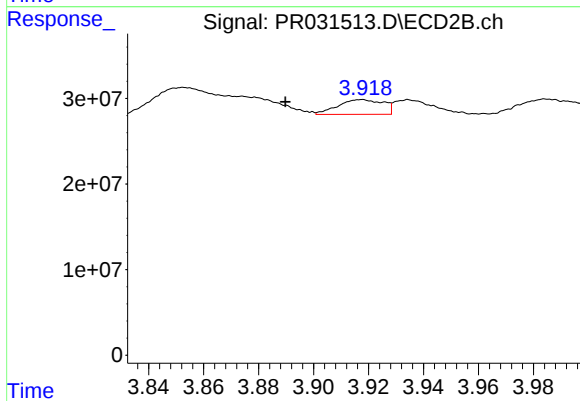
#7 AR-1016-5

R.T.: 4.981 min
Delta R.T.: 0.017 min
Response: 68970059
Conc: 103.05 ng/ml



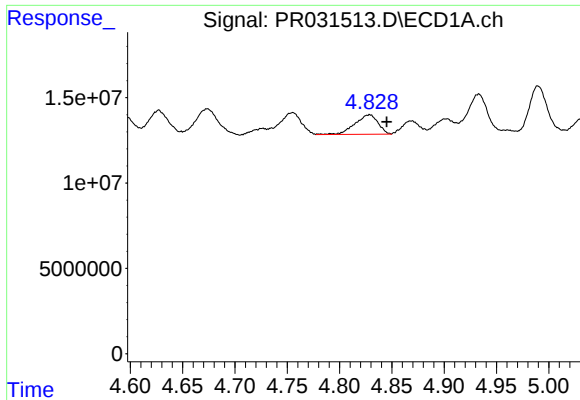
#8 AR-1221-1

R.T.: 4.755 min
Delta R.T.: -0.003 min
Response: 19024316
Conc: 208.49 ng/ml



#8 AR-1221-1

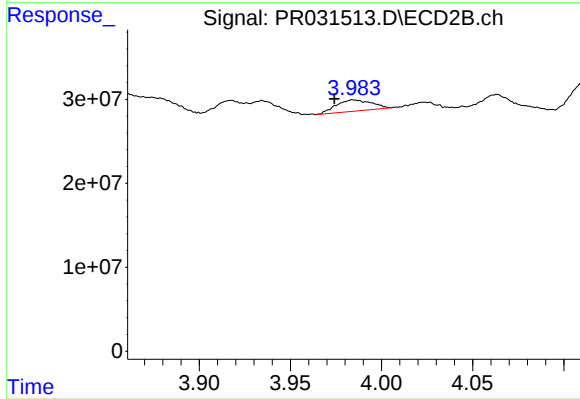
R.T.: 3.918 min
Delta R.T.: 0.028 min
Response: 19555004
Conc: 122.82 ng/ml



#9 AR-1221-2

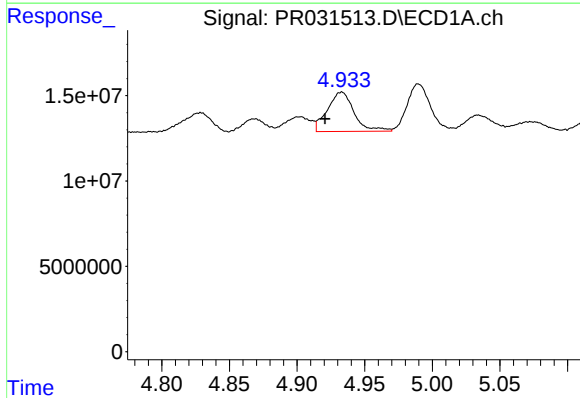
R.T.: 4.829 min
Delta R.T.: -0.016 min
Response: 17576516
Conc: 243.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



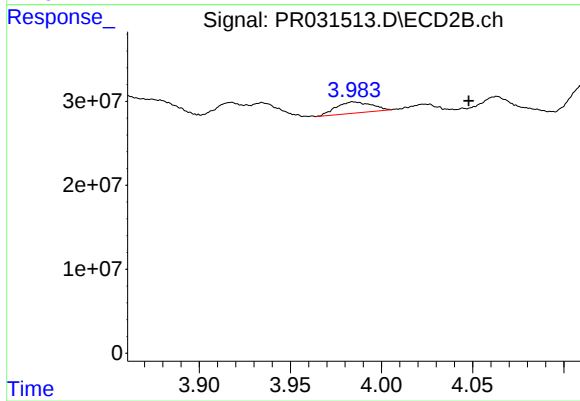
#9 AR-1221-2

R.T.: 3.984 min
Delta R.T.: 0.010 min
Response: 17827321
Conc: 137.28 ng/ml



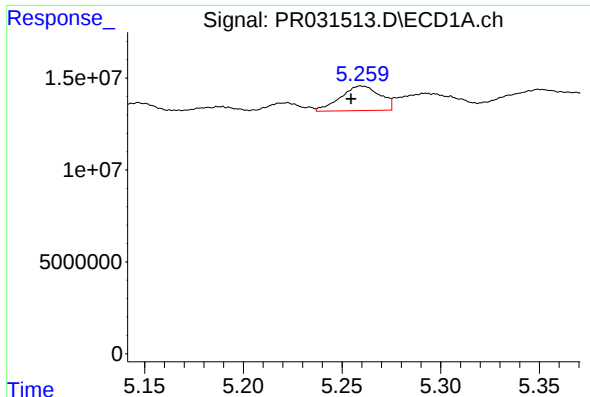
#10 AR-1221-3

R.T.: 4.933 min
Delta R.T.: 0.012 min
Response: 31492929
Conc: 137.49 ng/ml



#10 AR-1221-3

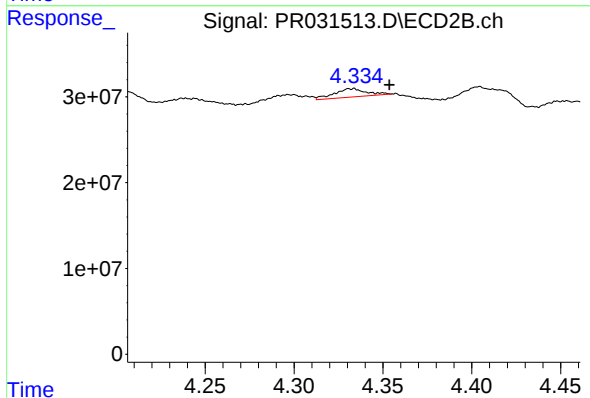
R.T.: 3.984 min
Delta R.T.: -0.063 min
Response: 17827321
Conc: 41.71 ng/ml



#11 AR-1232-1

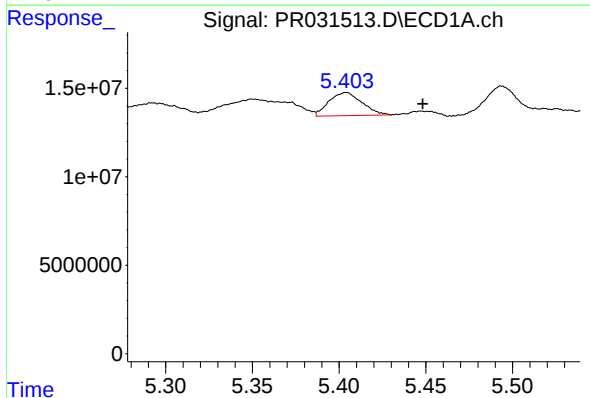
R.T.: 5.259 min
Delta R.T.: 0.005 min
Response: 18632163
Conc: 169.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



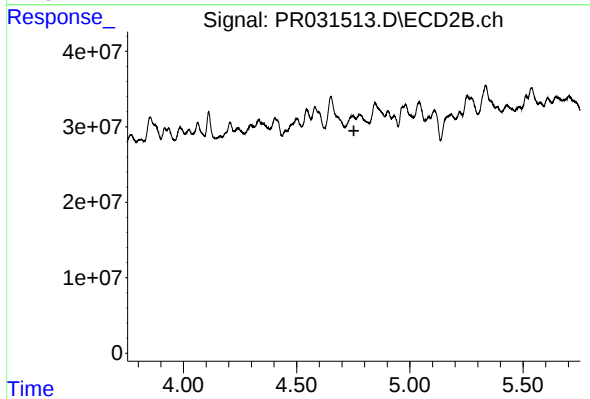
#11 AR-1232-1

R.T.: 4.334 min
Delta R.T.: -0.020 min
Response: 12258650
Conc: 89.49 ng/ml



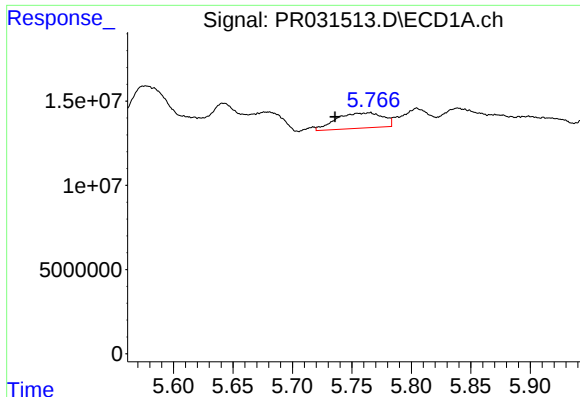
#12 AR-1232-2

R.T.: 5.404 min
Delta R.T.: -0.044 min
Response: 17344346
Conc: 144.87 ng/ml



#12 AR-1232-2

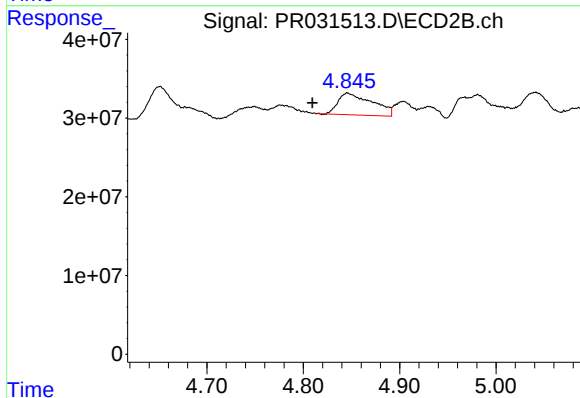
R.T.: 0.000 min
Exp R.T.: 4.753 min
Response: 0
Conc: N.D.



#13 AR-1232-3

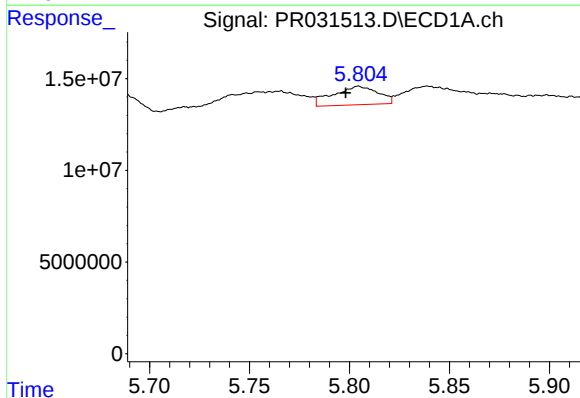
R.T.: 5.766 min
Delta R.T.: 0.030 min
Response: 24856479
Conc: 89.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



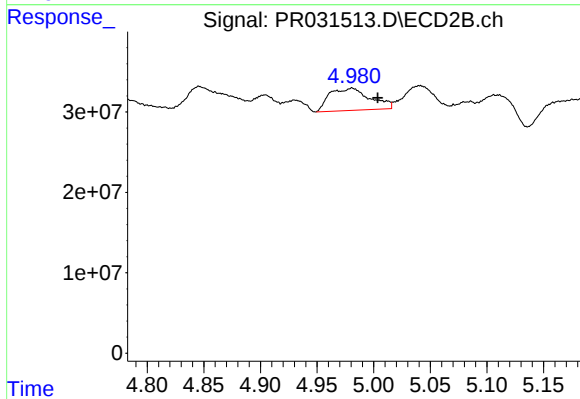
#13 AR-1232-3

R.T.: 4.846 min
Delta R.T.: 0.036 min
Response: 68786131
Conc: 180.59 ng/ml



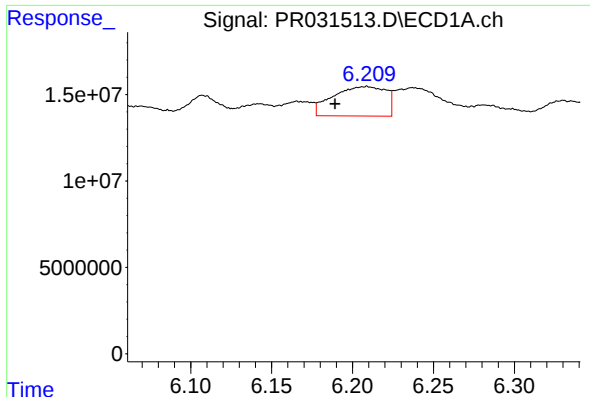
#14 AR-1232-4

R.T.: 5.805 min
Delta R.T.: 0.006 min
Response: 15697735
Conc: 88.24 ng/ml



#14 AR-1232-4

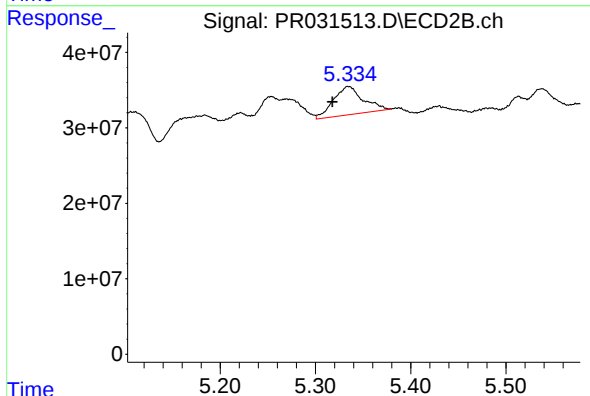
R.T.: 4.981 min
Delta R.T.: -0.023 min
Response: 68970059
Conc: 249.89 ng/ml



#15 AR-1232-5

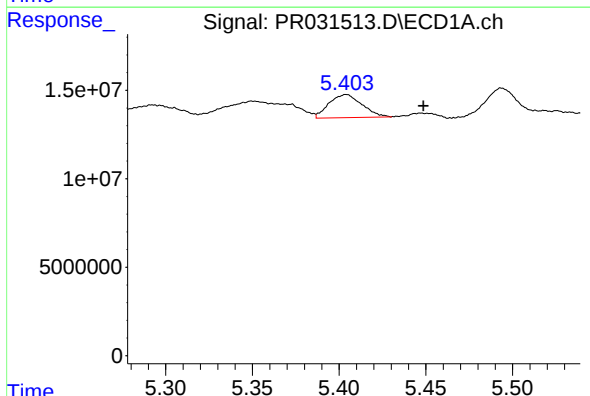
R.T.: 6.209 min
Delta R.T.: 0.020 min
Response: 38893400
Conc: 272.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



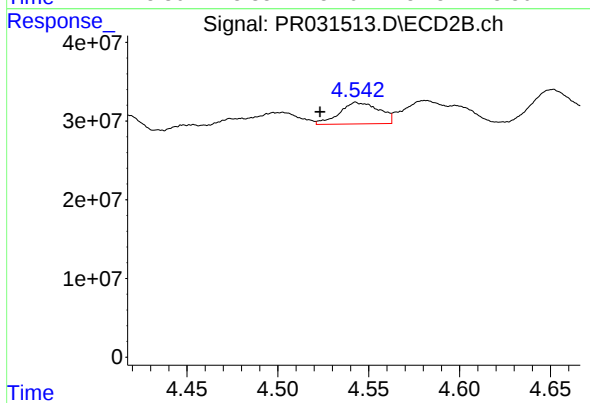
#15 AR-1232-5

R.T.: 5.334 min
Delta R.T.: 0.016 min
Response: 81533613
Conc: 216.84 ng/ml



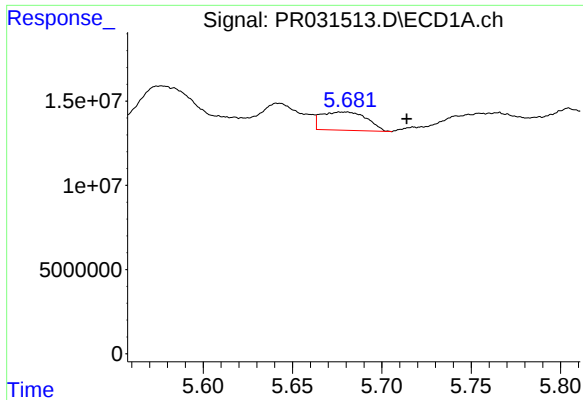
#16 AR-1242-1

R.T.: 5.404 min
Delta R.T.: -0.044 min
Response: 17344346
Conc: 97.91 ng/ml



#16 AR-1242-1

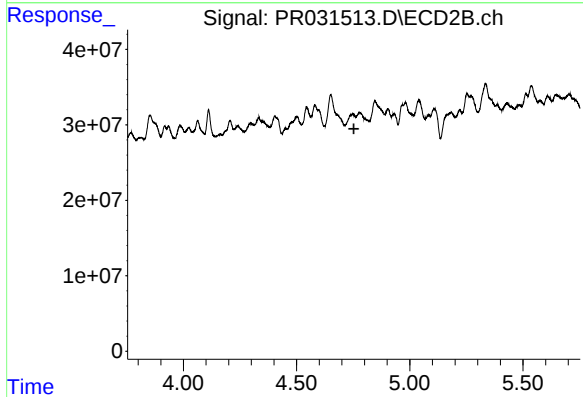
R.T.: 4.543 min
Delta R.T.: 0.020 min
Response: 41281818
Conc: 116.51 ng/ml



#17 AR-1242-2

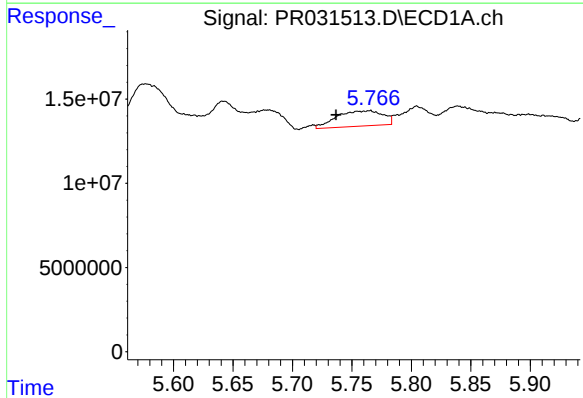
R.T.: 5.681 min
Delta R.T.: -0.033 min
Response: 19214086
Conc: 66.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



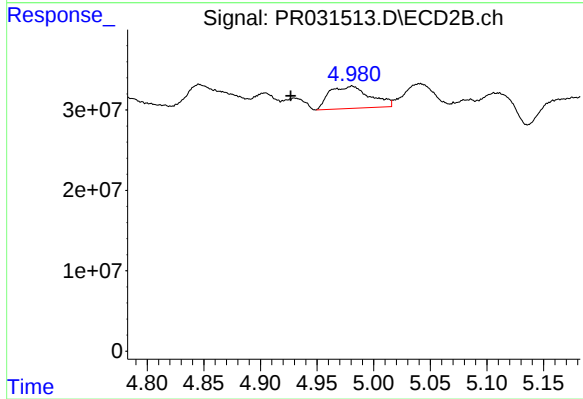
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



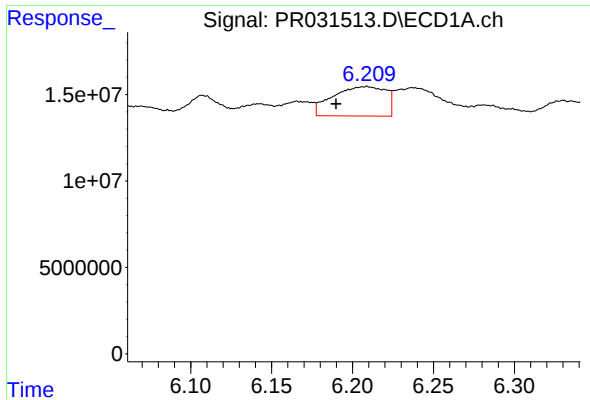
#18 AR-1242-3

R.T.: 5.766 min
Delta R.T.: 0.029 min
Response: 24856479
Conc: 61.37 ng/ml



#18 AR-1242-3

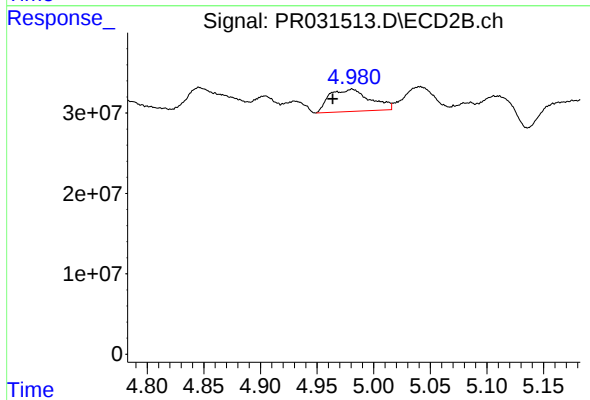
R.T.: 4.981 min
Delta R.T.: 0.054 min
Response: 68970059
Conc: 157.78 ng/ml



#19 AR-1242-4

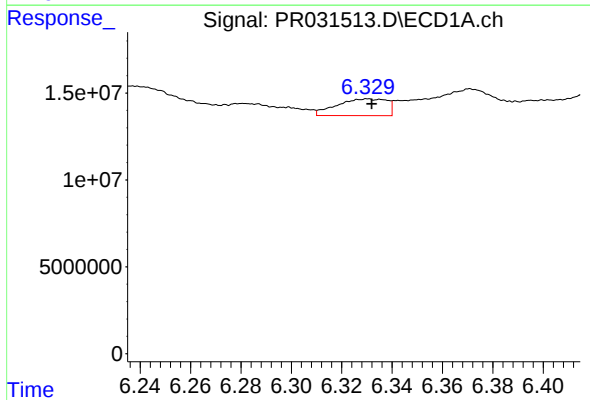
R.T.: 6.209 min
Delta R.T.: 0.019 min
Response: 38893400
Conc: 163.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



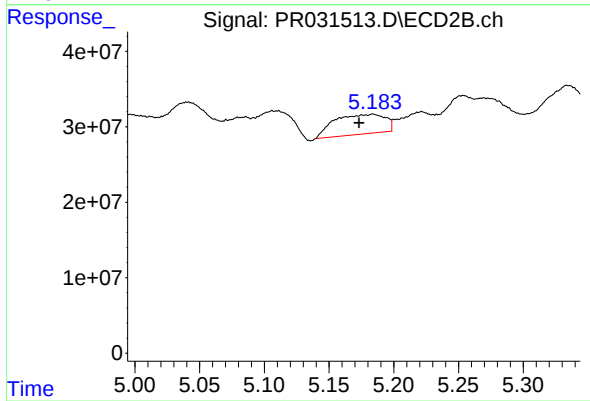
#19 AR-1242-4

R.T.: 4.981 min
Delta R.T.: 0.017 min
Response: 68970059
Conc: 187.82 ng/ml



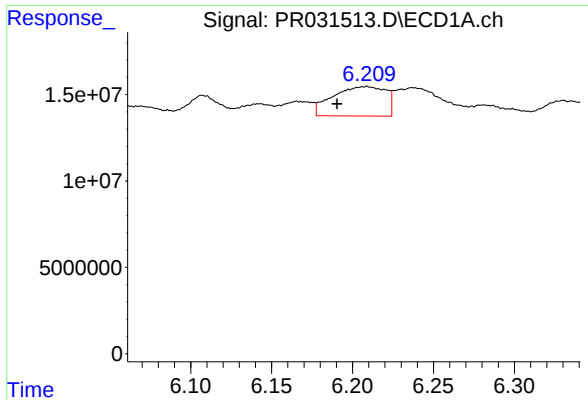
#20 AR-1242-5

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 13278422
Conc: 49.45 ng/ml



#20 AR-1242-5

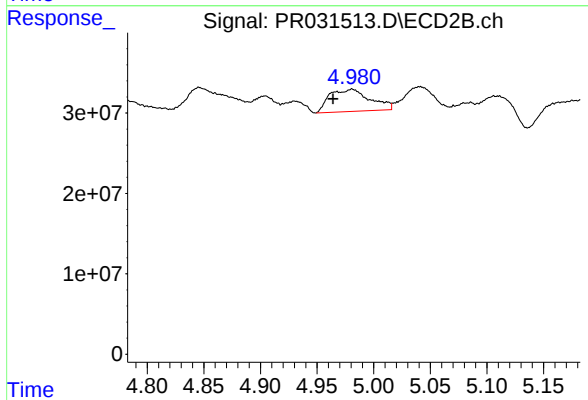
R.T.: 5.184 min
Delta R.T.: 0.011 min
Response: 71675832
Conc: 135.97 ng/ml



#21 AR-1248-1

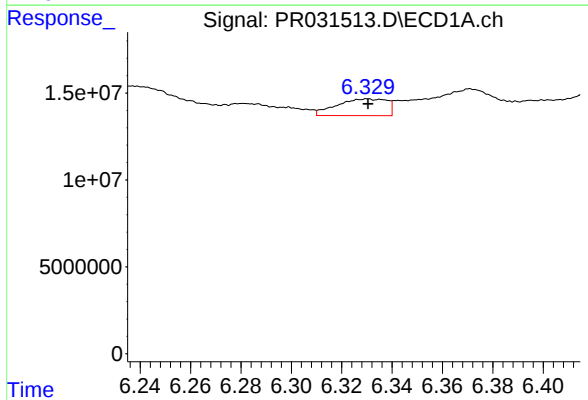
R.T.: 6.209 min
Delta R.T.: 0.019 min
Response: 38893400
Conc: 93.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



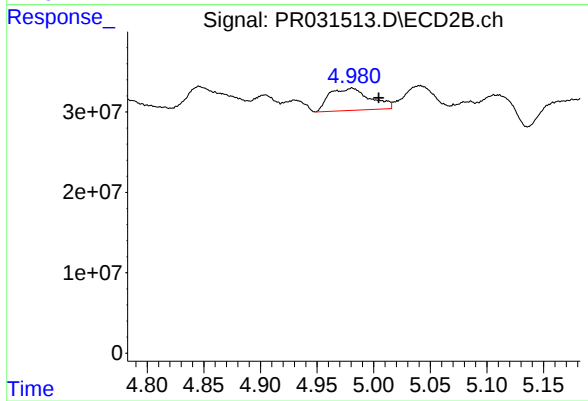
#21 AR-1248-1

R.T.: 4.981 min
Delta R.T.: 0.017 min
Response: 68970059
Conc: 104.27 ng/ml



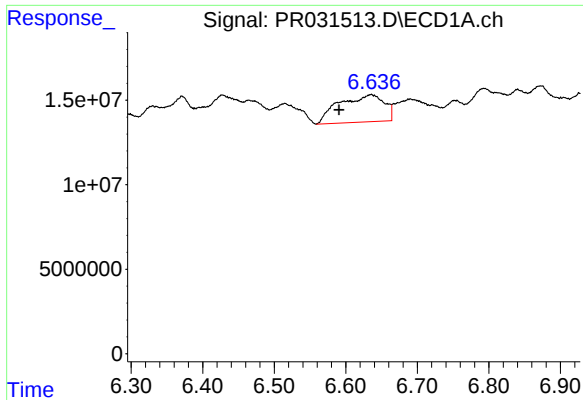
#22 AR-1248-2

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 13278422
Conc: 37.42 ng/ml



#22 AR-1248-2

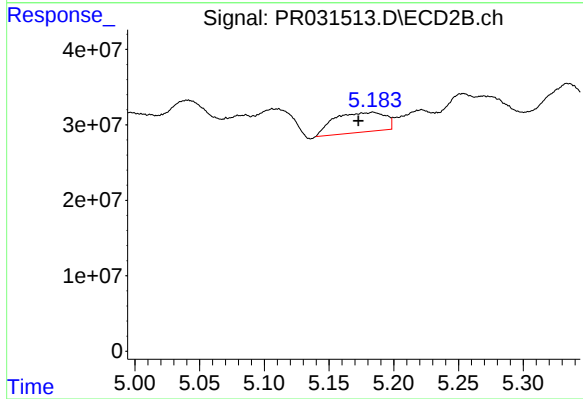
R.T.: 4.981 min
Delta R.T.: -0.024 min
Response: 68970059
Conc: 99.77 ng/ml



#23 AR-1248-3

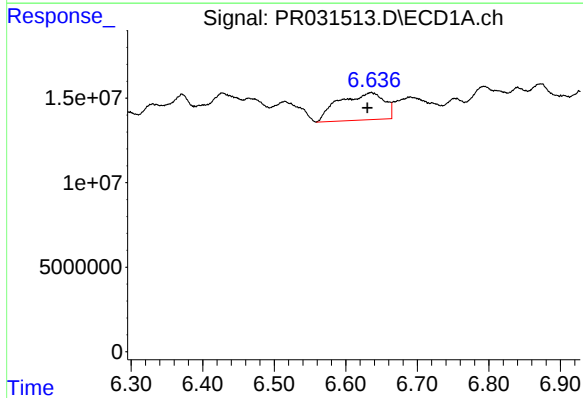
R.T.: 6.635 min
Delta R.T.: 0.045 min
Response: 70764315
Conc: 128.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



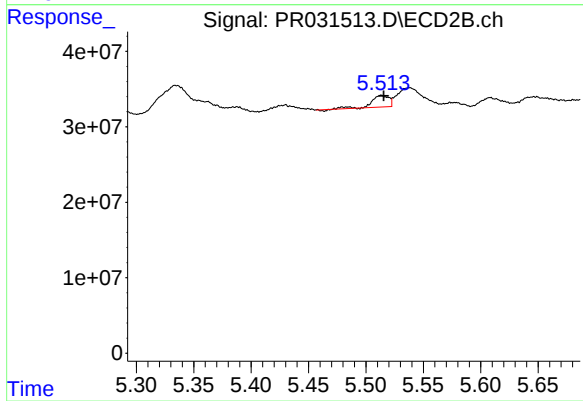
#23 AR-1248-3

R.T.: 5.184 min
Delta R.T.: 0.011 min
Response: 71675832
Conc: 80.16 ng/ml



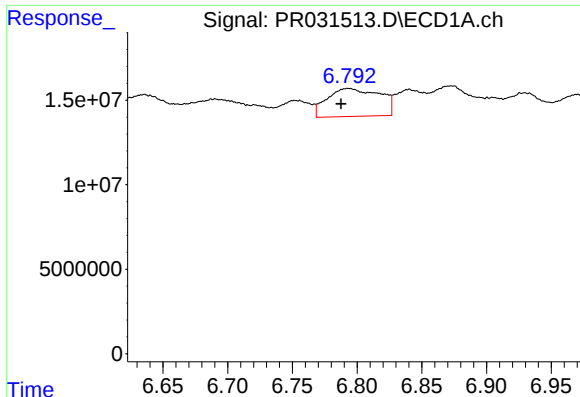
#24 AR-1248-4

R.T.: 6.635 min
Delta R.T.: 0.005 min
Response: 70764315
Conc: 134.27 ng/ml



#24 AR-1248-4

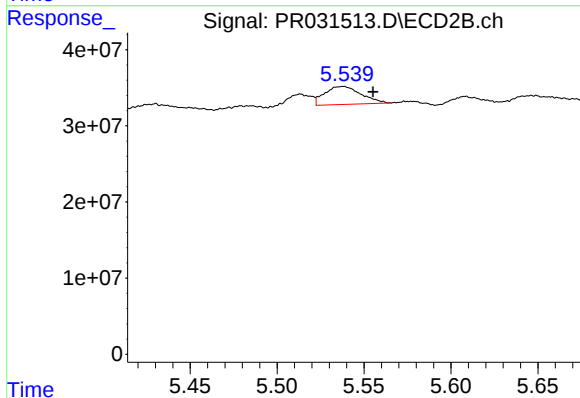
R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 15360624
Conc: 10.41 ng/ml



#25 AR-1248-5

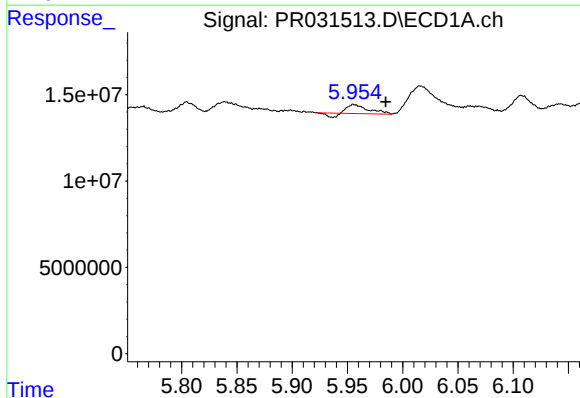
R.T.: 6.793 min
Delta R.T.: 0.006 min
Response: 46761312
Conc: 82.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



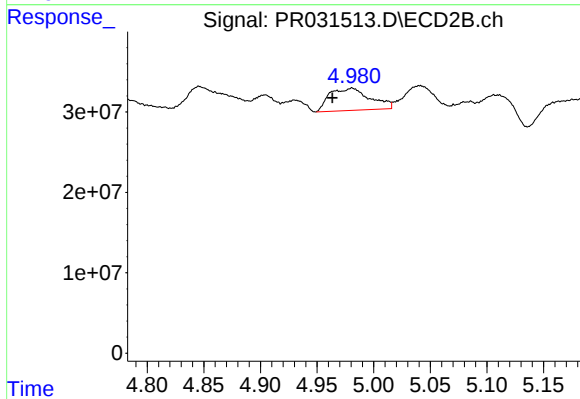
#25 AR-1248-5

R.T.: 5.538 min
Delta R.T.: -0.017 min
Response: 34735484
Conc: 32.90 ng/ml



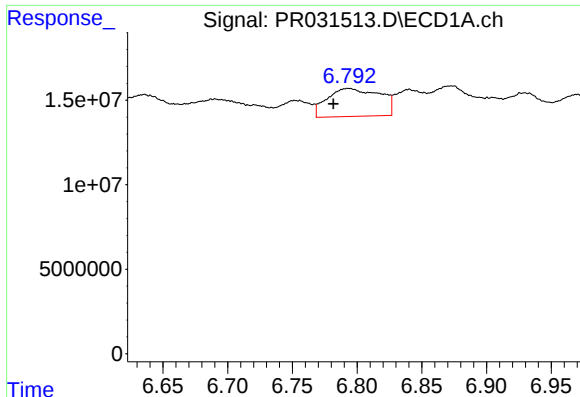
#26 AR-1254-1

R.T.: 5.955 min
Delta R.T.: -0.030 min
Response: 5587403
Conc: 18.27 ng/ml



#26 AR-1254-1

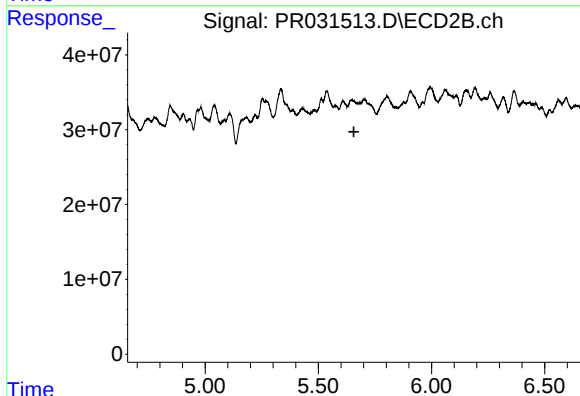
R.T.: 4.981 min
Delta R.T.: 0.018 min
Response: 68970059
Conc: 109.02 ng/ml



#27 AR-1254-2

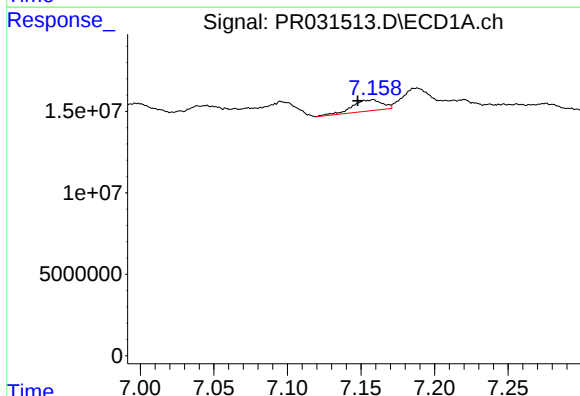
R.T.: 6.793 min
Delta R.T.: 0.012 min
Response: 46761312
Conc: 42.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



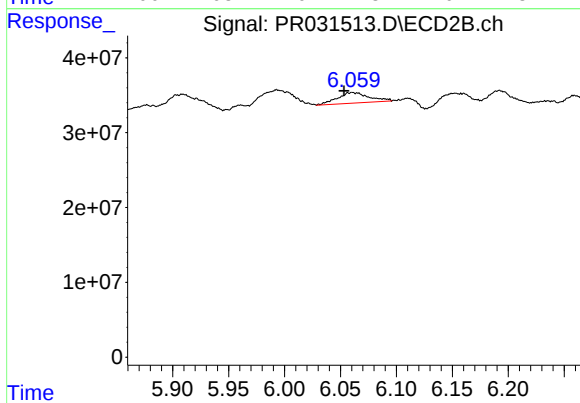
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.657 min
Response: 0
Conc: N.D.



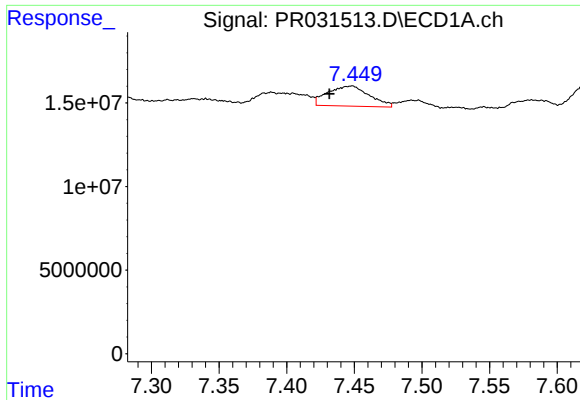
#28 AR-1254-3

R.T.: 7.158 min
Delta R.T.: 0.010 min
Response: 9616593
Conc: 7.32 ng/ml



#28 AR-1254-3

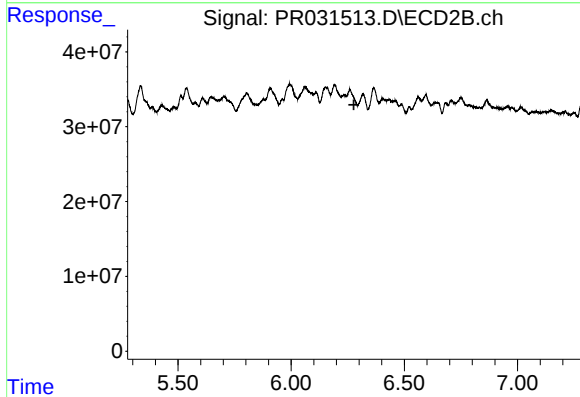
R.T.: 6.061 min
Delta R.T.: 0.007 min
Response: 28216336
Conc: 9.09 ng/ml



#29 AR-1254-4

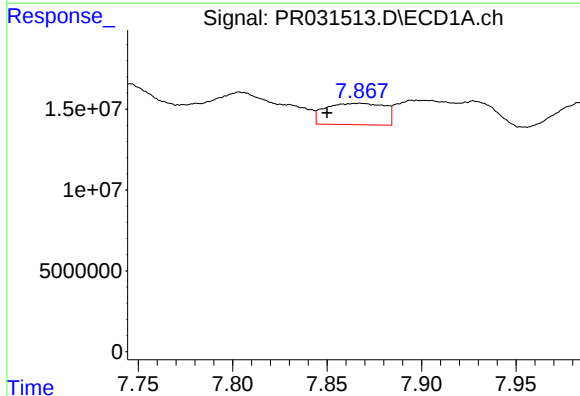
R.T.: 7.448 min
Delta R.T.: 0.016 min
Response: 25725743
Conc: 23.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



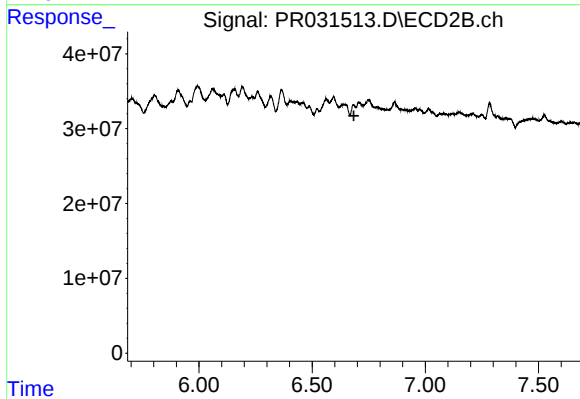
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.277 min
Response: 0
Conc: N.D.



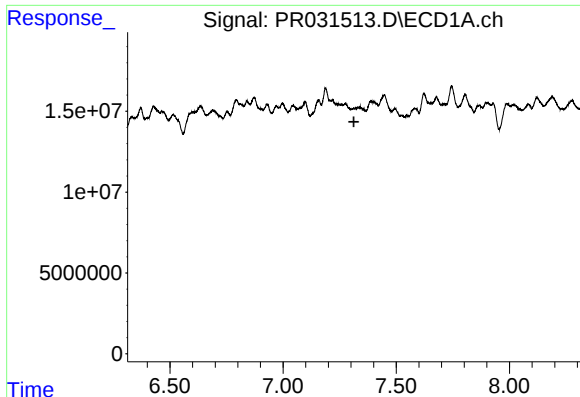
#30 AR-1254-5

R.T.: 7.867 min
Delta R.T.: 0.017 min
Response: 28616529
Conc: 24.49 ng/ml



#30 AR-1254-5

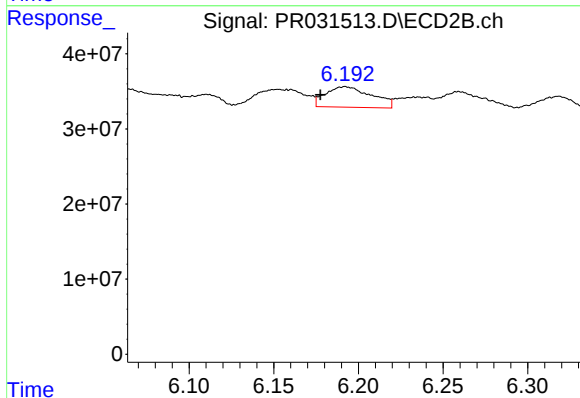
R.T.: 0.000 min
Exp R.T. : 6.684 min
Response: 0
Conc: N.D.



#31 AR-1260-1

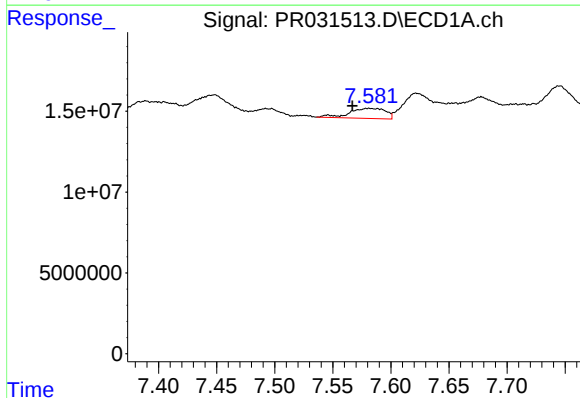
R.T.: 0.000 min
Exp R.T.: 7.313 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



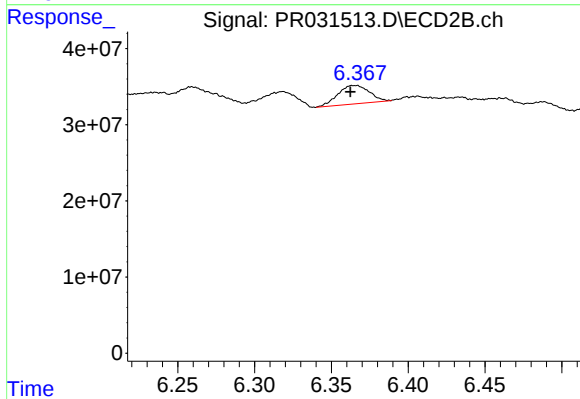
#31 AR-1260-1

R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 51806538
Conc: 22.50 ng/ml



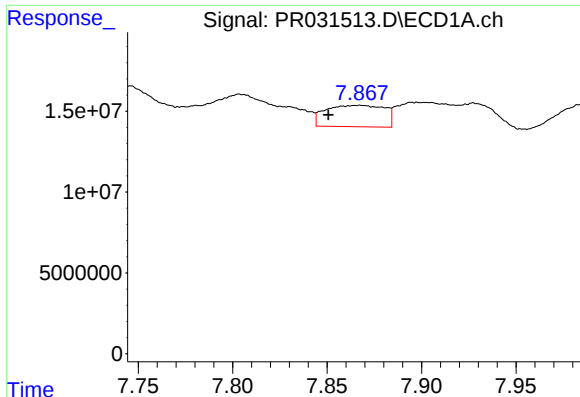
#32 AR-1260-2

R.T.: 7.581 min
Delta R.T.: 0.014 min
Response: 13553336
Conc: 9.18 ng/ml



#32 AR-1260-2

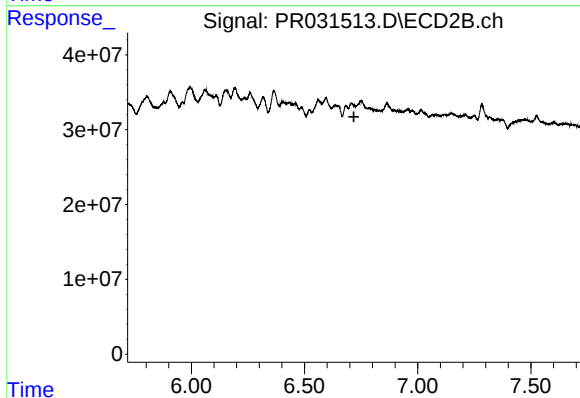
R.T.: 6.364 min
Delta R.T.: 0.001 min
Response: 34721924
Conc: 11.96 ng/ml



#33 AR-1260-3

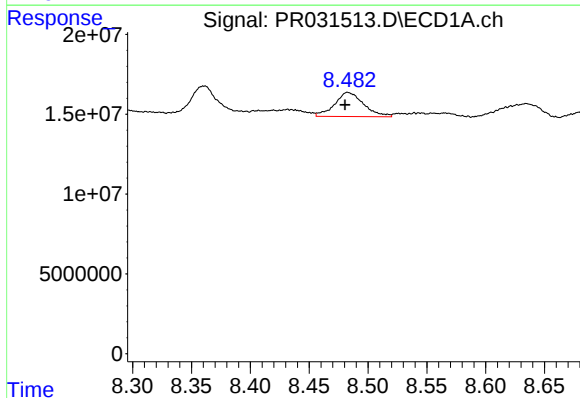
R.T.: 7.867 min
Delta R.T.: 0.017 min
Response: 28616529
Conc: 16.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



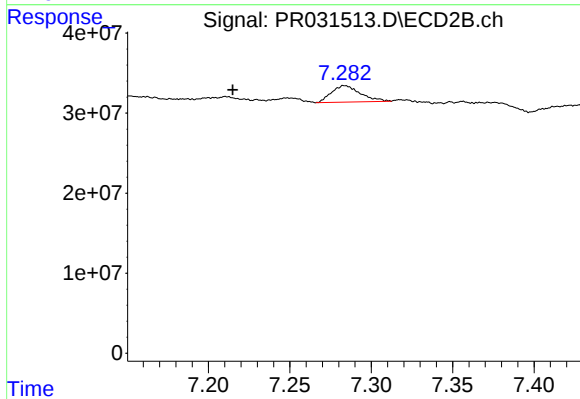
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.718 min
Response: 0
Conc: N.D.



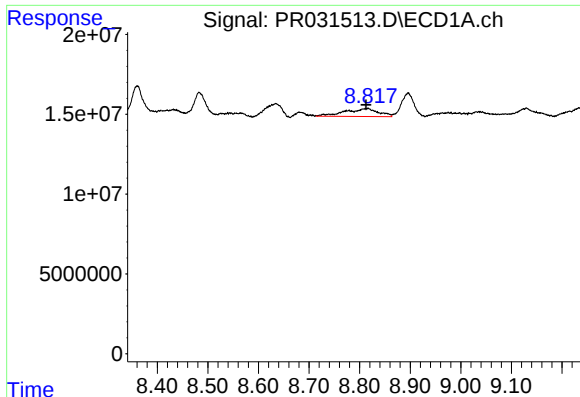
#34 AR-1260-4

R.T.: 8.483 min
Delta R.T.: 0.002 min
Response: 26104654
Conc: 8.31 ng/ml



#34 AR-1260-4

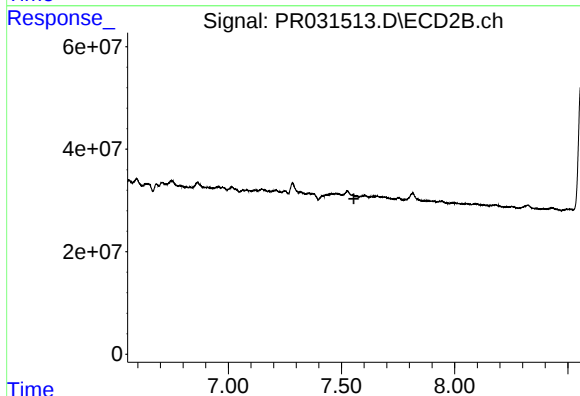
R.T.: 7.283 min
Delta R.T.: 0.069 min
Response: 25442170
Conc: 7.54 ng/ml



#35 AR-1260-5

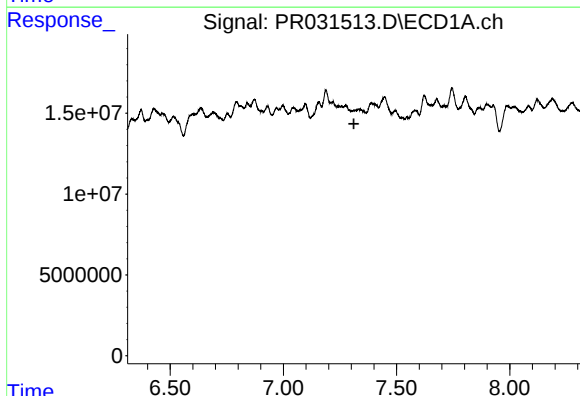
R.T.: 8.817 min
Delta R.T.: 0.004 min
Response: 22903266
Conc: 11.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



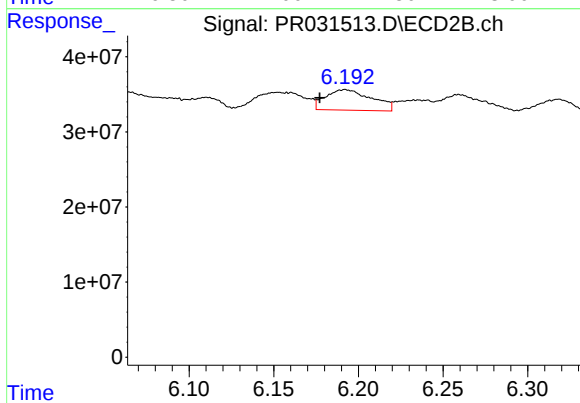
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.555 min
Response: 0
Conc: N.D.



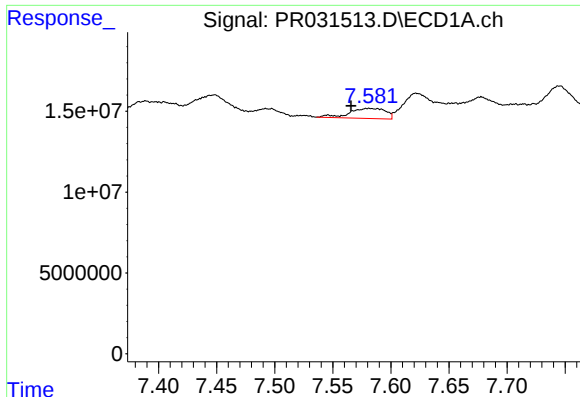
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.311 min
Response: 0
Conc: N.D.



#36 AR-1262-1

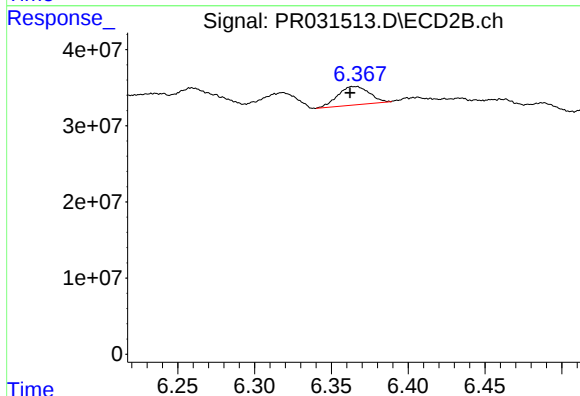
R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 51806538
Conc: 26.16 ng/ml



#37 AR-1262-2

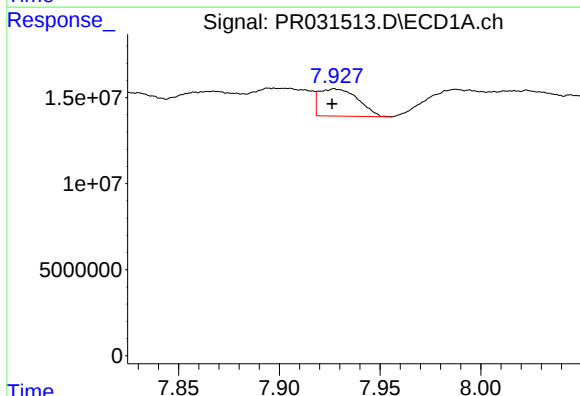
R.T.: 7.581 min
Delta R.T.: 0.015 min
Response: 13553336
Conc: 10.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



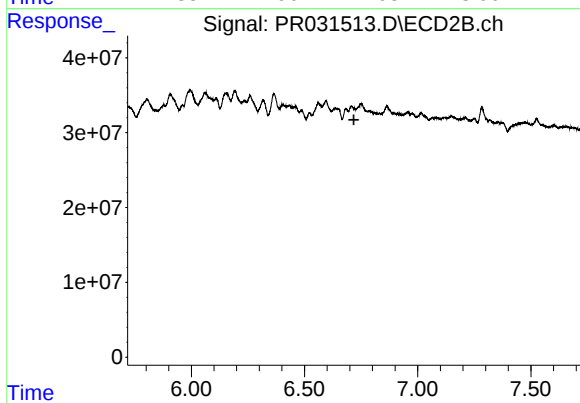
#37 AR-1262-2

R.T.: 6.364 min
Delta R.T.: 0.001 min
Response: 34721924
Conc: 14.51 ng/ml



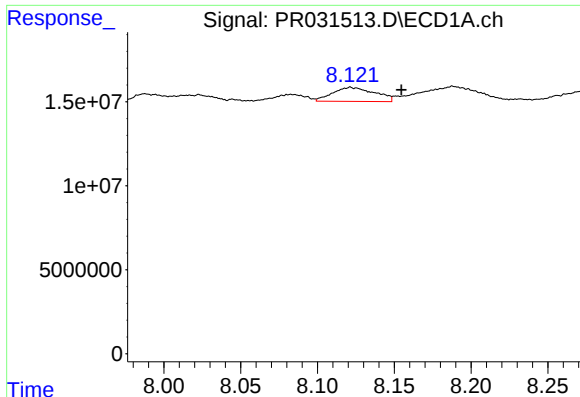
#38 AR-1262-3

R.T.: 7.928 min
Delta R.T.: 0.002 min
Response: 21241060
Conc: 11.20 ng/ml



#38 AR-1262-3

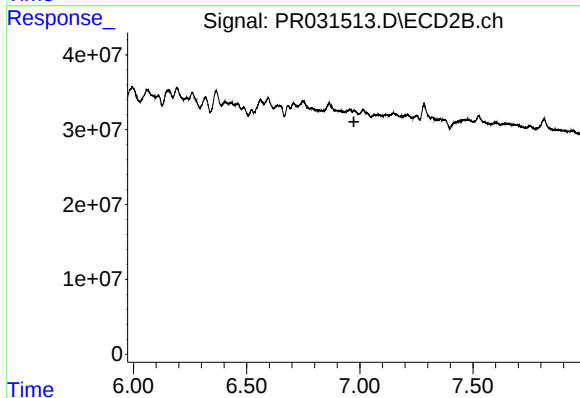
R.T.: 0.000 min
Exp R.T.: 6.718 min
Response: 0
Conc: N.D.



#39 AR-1262-4

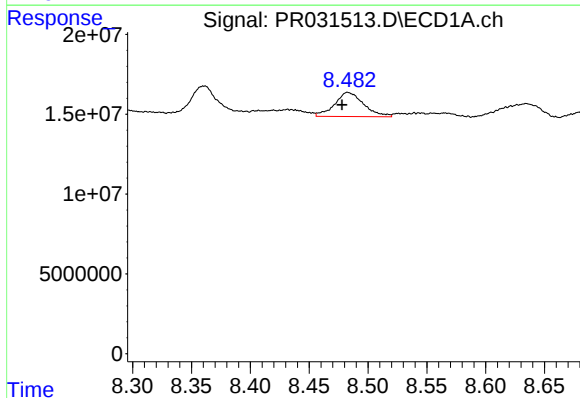
R.T.: 8.121 min
Delta R.T.: -0.033 min
Response: 15938913
Conc: 9.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



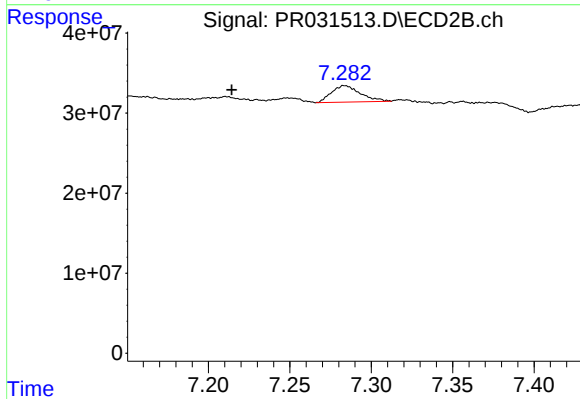
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.974 min
Response: 0
Conc: N.D.



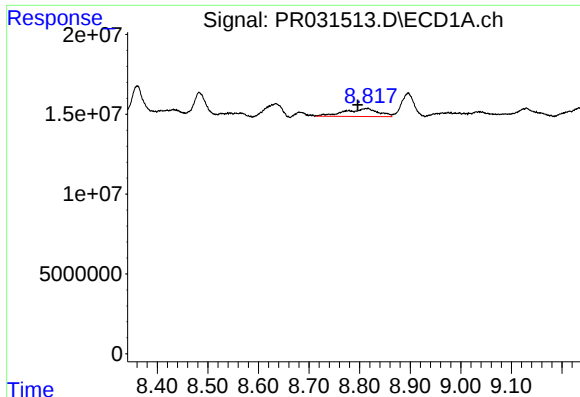
#40 AR-1262-5

R.T.: 8.483 min
Delta R.T.: 0.005 min
Response: 26104654
Conc: 6.94 ng/ml



#40 AR-1262-5

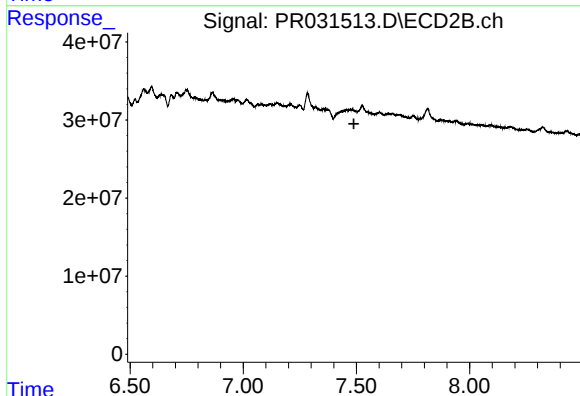
R.T.: 7.283 min
Delta R.T.: 0.069 min
Response: 25442170
Conc: 7.00 ng/ml



#41 AR-1268-1

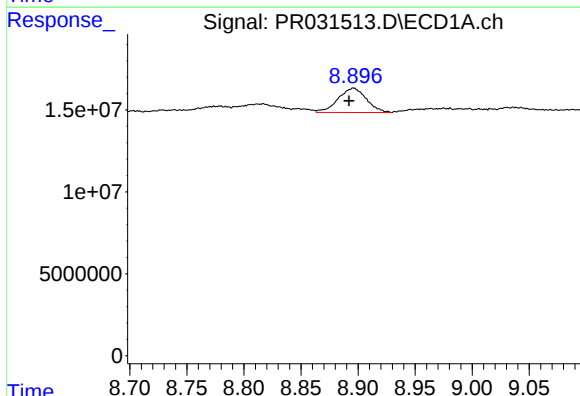
R.T.: 8.817 min
Delta R.T.: 0.020 min
Response: 22903266
Conc: 5.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



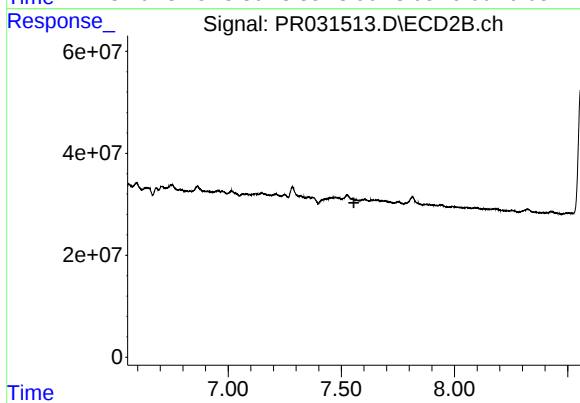
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.489 min
Response: 0
Conc: N.D.



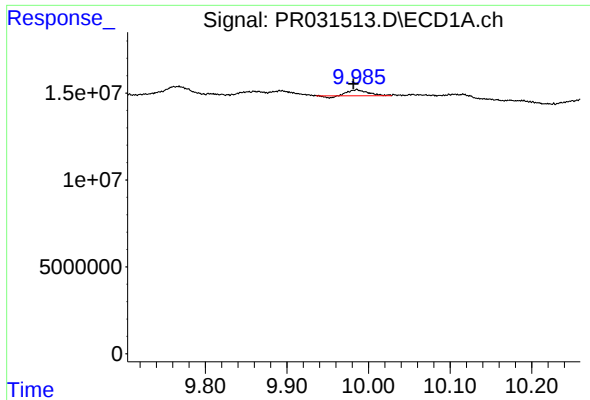
#42 AR-1268-2

R.T.: 8.896 min
Delta R.T.: 0.004 min
Response: 25634586
Conc: 7.34 ng/ml



#42 AR-1268-2

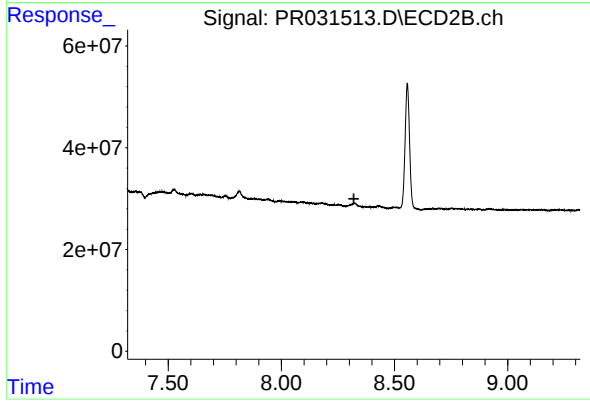
R.T.: 0.000 min
Exp R.T. : 7.555 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.986 min
Delta R.T.: 0.004 min
Response: 5432228
Conc: 0.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.321 min
Response: 0
Conc: N.D.