

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
 Data File : PR051366.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2021 21:09
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:08:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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...	4.628	3.808	167.0E6	156.0E6	20.435	20.984
2)	SA Decachlor...	10.503	8.832	228.5E6	176.6E6	23.789	22.083
Target Compounds							
3)	L1 AR-1016-1	5.811	4.896	1528820	933255	4.214	3.172
4)	L1 AR-1016-2	5.835	4.910	1408369	1129338	2.715	2.675
5)	L1 AR-1016-3	5.895	5.088	419267	658667	1.382	2.959 #
6)	L1 AR-1016-4	6.000	5.136	885804	1887279	3.447	11.143 #
7)	L1 AR-1016-5	6.290	5.342	444051	1263024	1.792	5.713 #
8)	L2 AR-1221-1	4.844	4.023	2569589	2734980	29.174	37.256 #
9)	L2 AR-1221-2	4.936	4.108	4886089	3420137	72.647	57.990
10)	L2 AR-1221-3	5.009	4.183	6940084	5692731	32.285	29.919
11)	L3 AR-1232-1	5.009	4.183	6940084	5692731	38.439	35.255
12)	L3 AR-1232-2	5.543	4.910	639946	1129338	6.583	6.737
13)	L3 AR-1232-3	5.835	5.088	1408369	658667	6.737	7.558
14)	L3 AR-1232-4	6.000	5.171	885804	328933	8.579	4.472 #
15)	L3 AR-1232-5	6.085	5.342	197238	1263024	2.626	15.523 #
16)	L4 AR-1242-1	5.811	4.896	1528820	933255	5.973	4.503
17)	L4 AR-1242-2	5.835	4.910	1408369	1129338	3.725	3.724
18)	L4 AR-1242-3	5.895	5.088	419267	658667	1.906	4.127 #
19)	L4 AR-1242-4	6.000	5.171	885804	328933	4.752	2.226 #
20)	L4 AR-1242-5	6.739	5.719f	1857298	2489102	8.485	12.412 #
21)	L5 AR-1248-1	5.811	4.896	1528820	933255	7.250	5.470
22)	L5 AR-1248-2	6.085	5.136	197238	1887279	0.674	8.240 #
23)	L5 AR-1248-3	6.290	5.171	444051	328933	1.329	1.382
24)	L5 AR-1248-4	6.706	5.342	481131	1263024	1.157	4.402 #
25)	L5 AR-1248-5	6.739	5.719f	1857298	2489102	4.656	8.121 #
26)	L6 AR-1254-1	6.673	5.719f	4003484	2489102	11.295	6.060 #
27)	L6 AR-1254-2	6.900	0.000	2136671	0	3.801	N.D. #
28)	L6 AR-1254-3	7.280f	6.249	2694489	568386	4.501	0.943 #
29)	L6 AR-1254-4	7.544	0.000	4559588	0	9.275	N.D. #
30)	L6 AR-1254-5	7.962	0.000	575726	0	1.215	N.D. #
31)	L7 AR-1260-1	7.392f	6.363	3247179	365504	6.805	0.887 #
32)	L7 AR-1260-2	7.686	6.538f	1481064	1744575	2.345	3.451 #
33)	L7 AR-1260-3	8.010f	6.688f	308433	329396	0.617	0.673
34)	L7 AR-1260-4	8.274	0.000	269902	0	0.527	N.D. #
36)	L8 AR-1262-1	8.010f	0.000	308433	0	0.470	N.D. #
38)	L8 AR-1262-3	0.000	7.713	0	3155516	N.D.	8.577 #
39)	L8 AR-1262-4	9.009f	0.000	263708	0	0.453	N.D. #
40)	L8 AR-1262-5	0.000	8.279	0	117699	N.D.	0.361 #
41)	L9 AR-1268-1	0.000	7.713	0	3155516	N.D.	2.930 #
42)	L9 AR-1268-2	9.009f	0.000	263708	0	0.207	N.D. #
43)	L9 AR-1268-3	9.266	7.978	1705827	1013065	1.528	1.231

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:08:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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
44) L9	AR-1268-4	0.000	8.279	0	117699	N.D.	0.332 #
45) L9	AR-1268-5	10.152	8.568	2641460	1955060	0.722	0.703

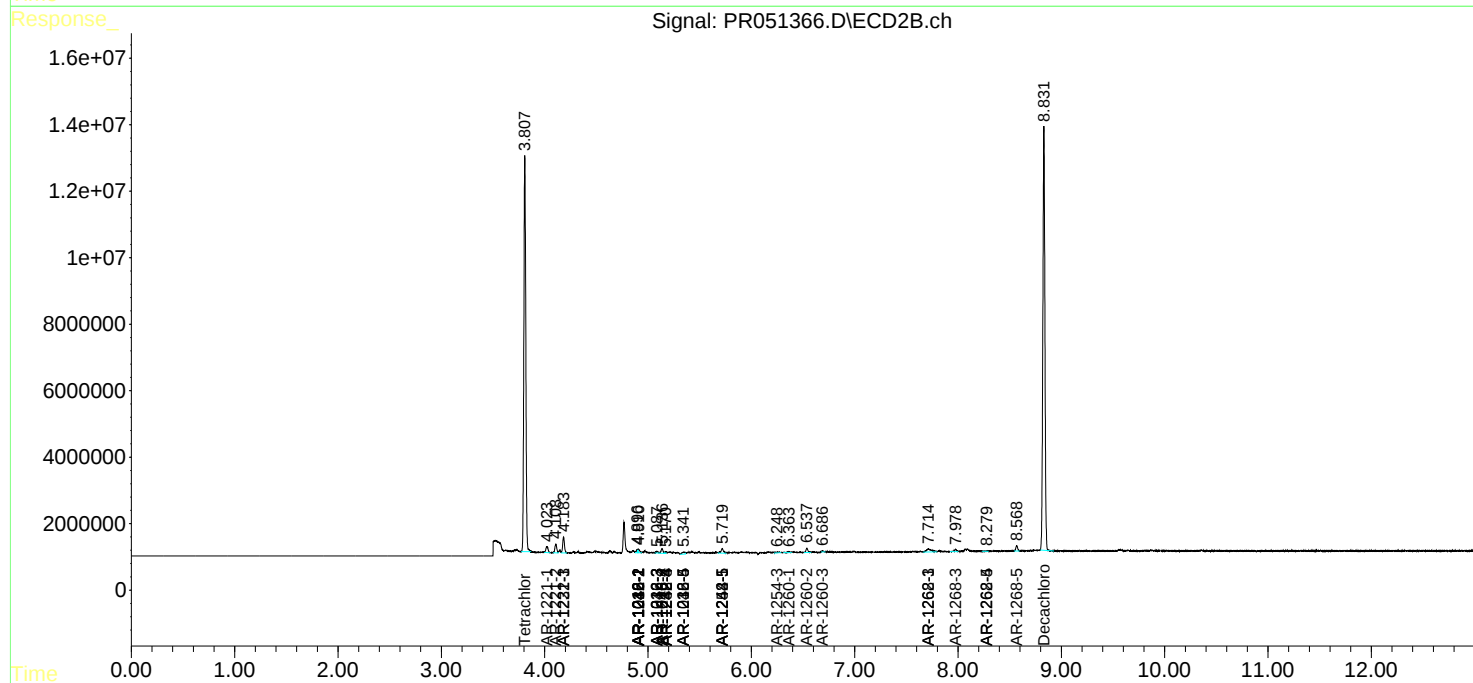
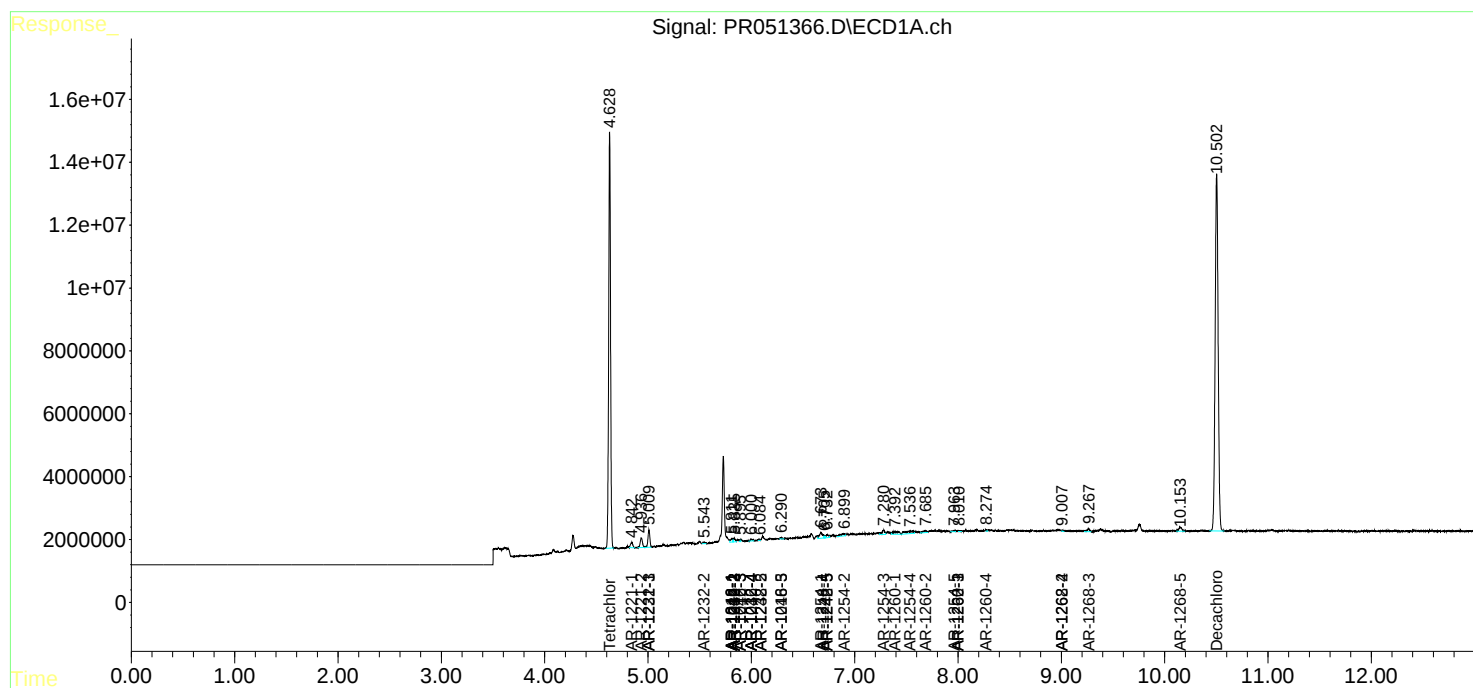
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

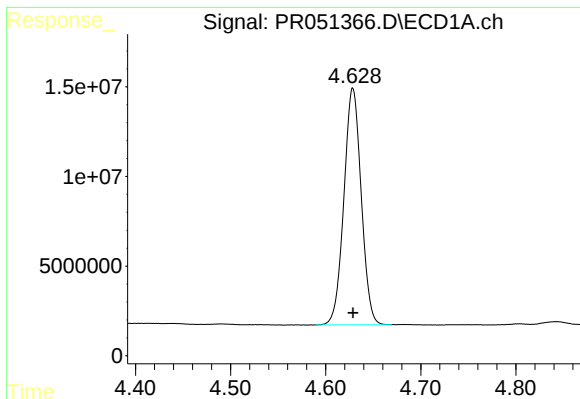
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
Data File : PR051366.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

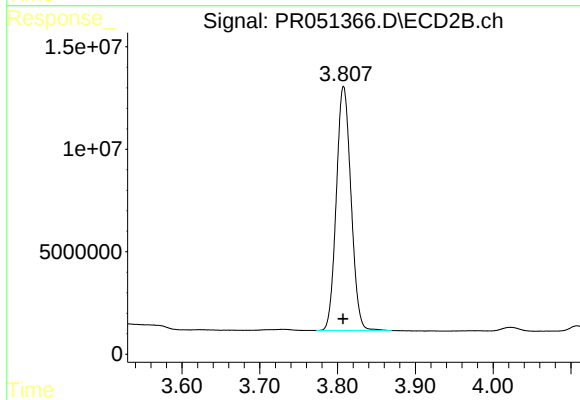




#1 Tetrachloro-m-xylene

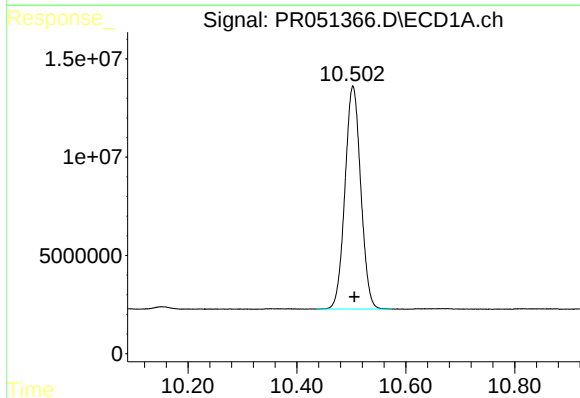
R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 167010961
Conc: 20.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



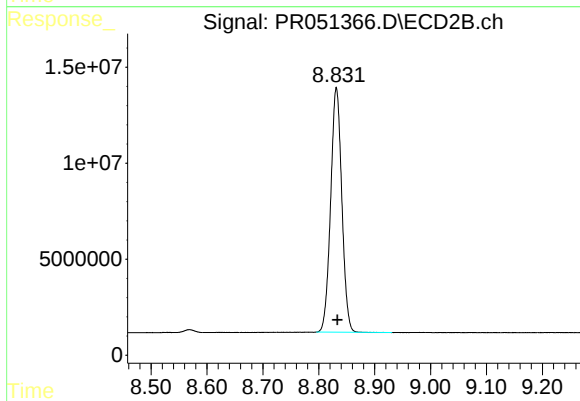
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 156031954
Conc: 20.98 ng/ml



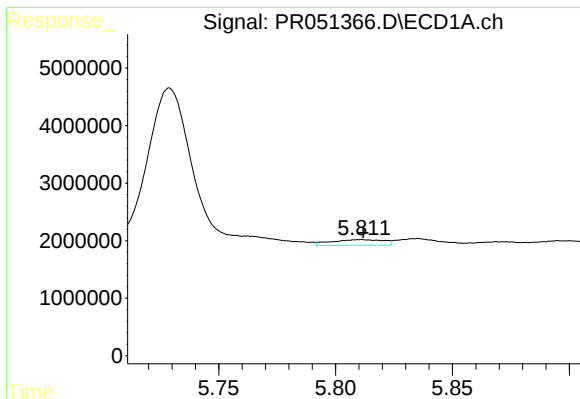
#2 Decachlorobiphenyl

R.T.: 10.503 min
Delta R.T.: -0.003 min
Response: 228506290
Conc: 23.79 ng/ml



#2 Decachlorobiphenyl

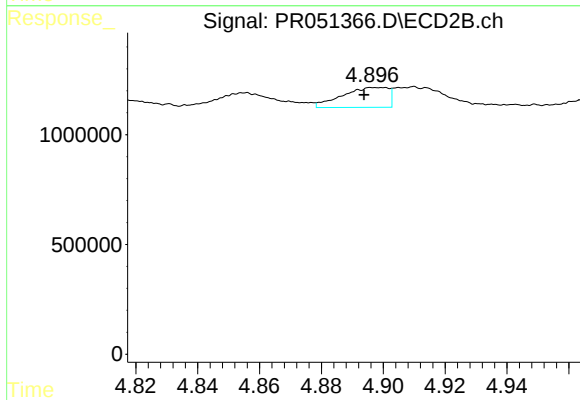
R.T.: 8.832 min
Delta R.T.: -0.002 min
Response: 176559718
Conc: 22.08 ng/ml



#3 AR-1016-1

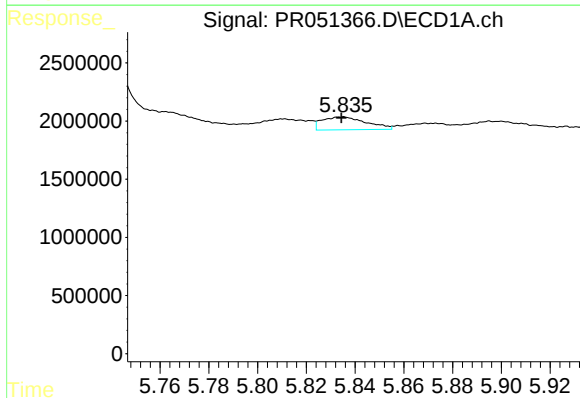
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 1528820
Conc: 4.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



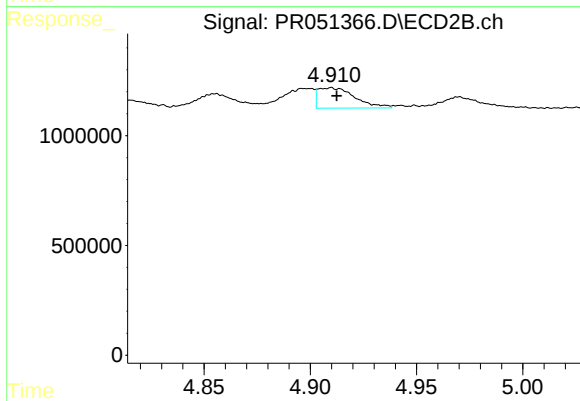
#3 AR-1016-1

R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 933255
Conc: 3.17 ng/ml



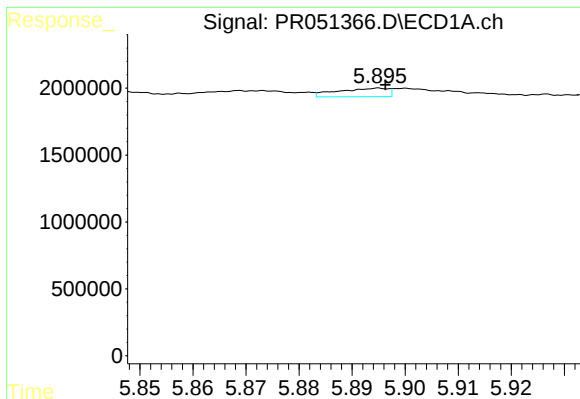
#4 AR-1016-2

R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 1408369
Conc: 2.71 ng/ml



#4 AR-1016-2

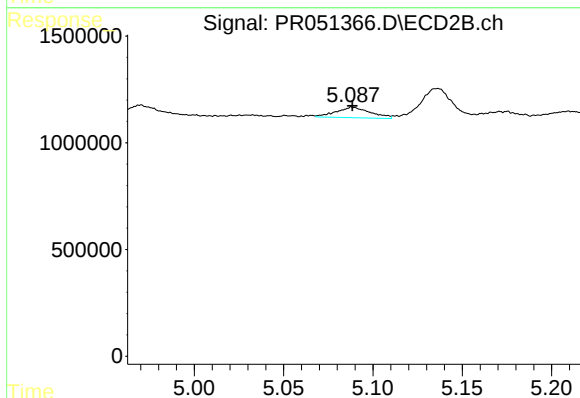
R.T.: 4.910 min
Delta R.T.: -0.002 min
Response: 1129338
Conc: 2.67 ng/ml



#5 AR-1016-3

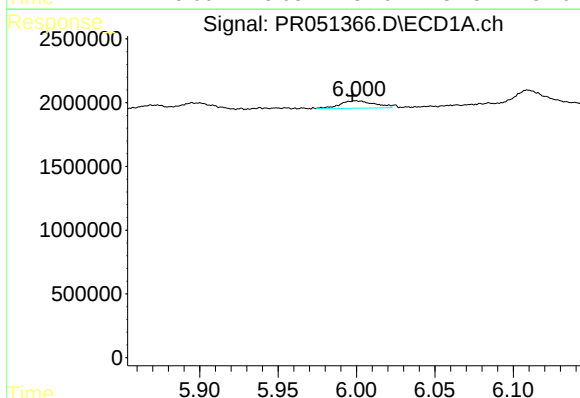
R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 419267
Conc: 1.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



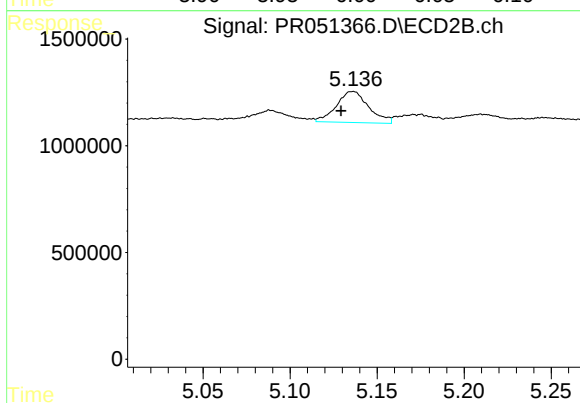
#5 AR-1016-3

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 658667
Conc: 2.96 ng/ml



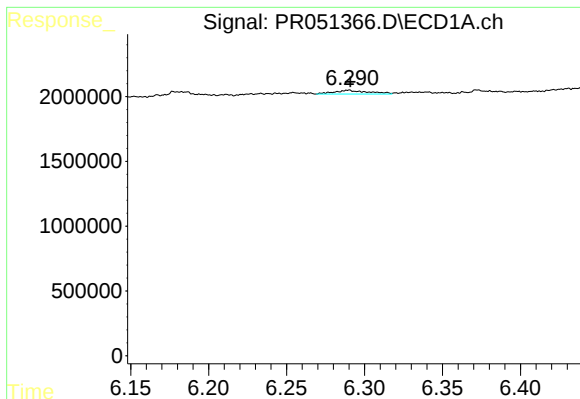
#6 AR-1016-4

R.T.: 6.000 min
Delta R.T.: 0.002 min
Response: 885804
Conc: 3.45 ng/ml



#6 AR-1016-4

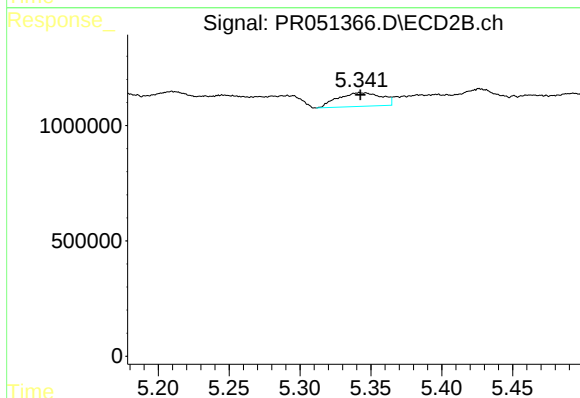
R.T.: 5.136 min
Delta R.T.: 0.007 min
Response: 1887279
Conc: 11.14 ng/ml



#7 AR-1016-5

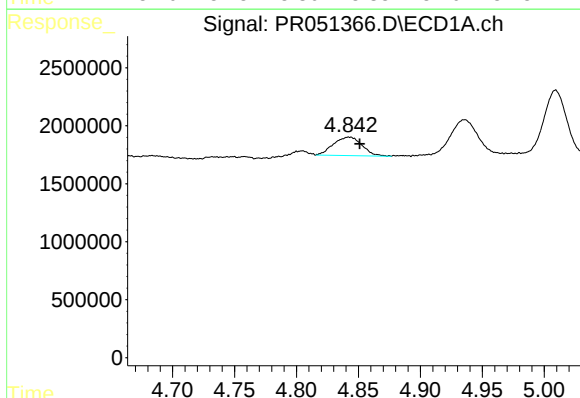
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 444051
Conc: 1.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



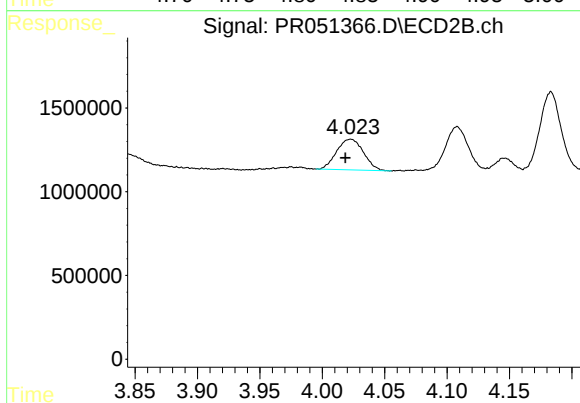
#7 AR-1016-5

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 1263024
Conc: 5.71 ng/ml



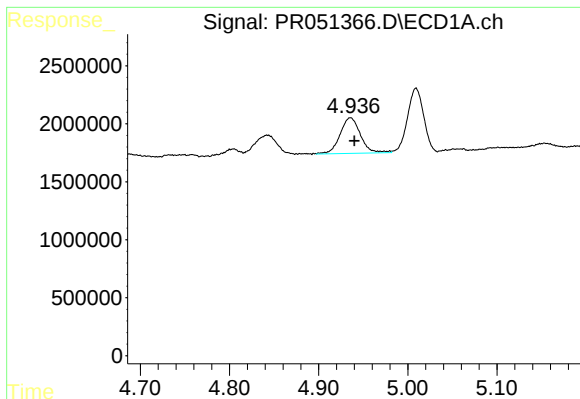
#8 AR-1221-1

R.T.: 4.844 min
Delta R.T.: -0.007 min
Response: 2569589
Conc: 29.17 ng/ml



#8 AR-1221-1

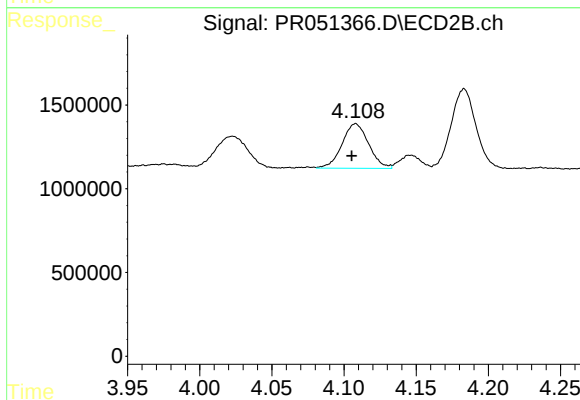
R.T.: 4.023 min
Delta R.T.: 0.004 min
Response: 2734980
Conc: 37.26 ng/ml



#9 AR-1221-2

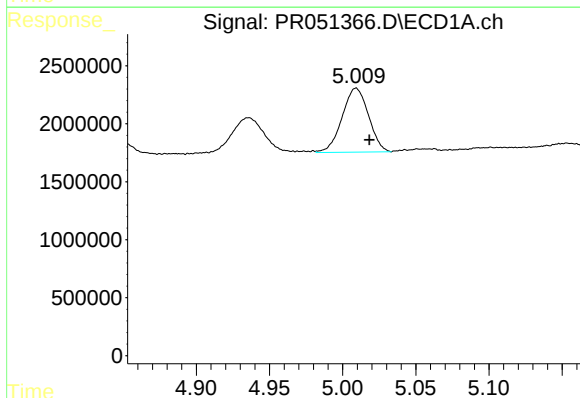
R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: 4886089
Conc: 72.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



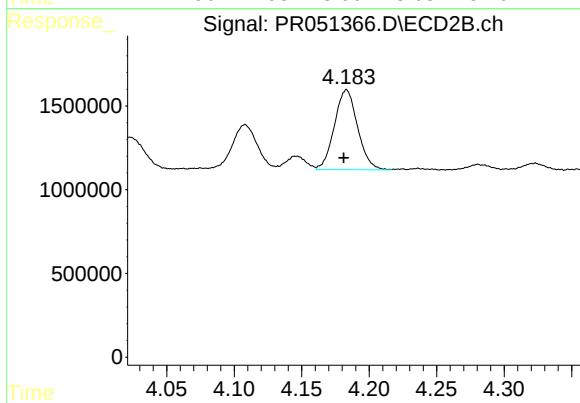
#9 AR-1221-2

R.T.: 4.108 min
Delta R.T.: 0.003 min
Response: 3420137
Conc: 57.99 ng/ml



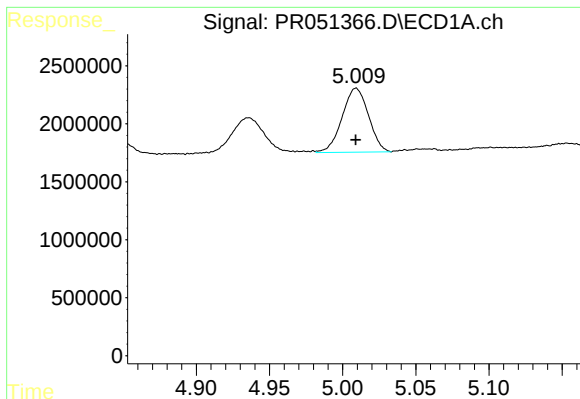
#10 AR-1221-3

R.T.: 5.009 min
Delta R.T.: -0.009 min
Response: 6940084
Conc: 32.28 ng/ml



#10 AR-1221-3

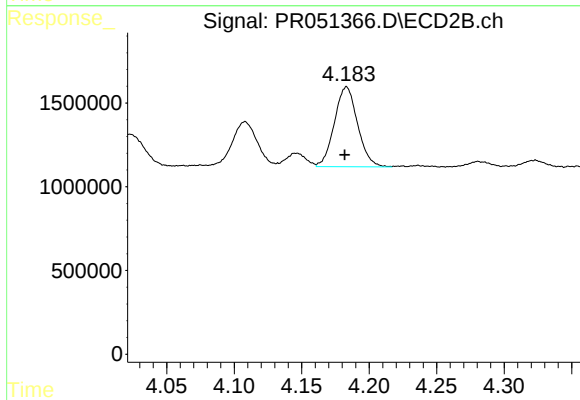
R.T.: 4.183 min
Delta R.T.: 0.002 min
Response: 5692731
Conc: 29.92 ng/ml



#11 AR-1232-1

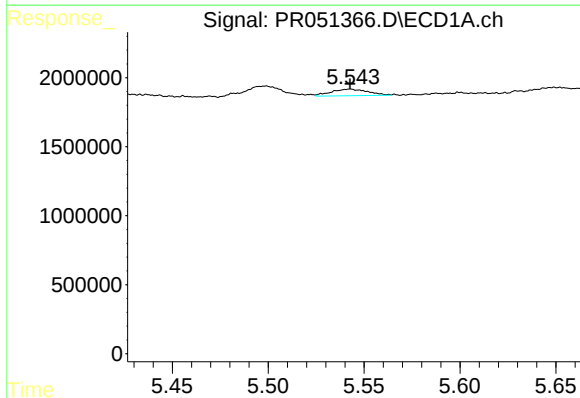
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 6940084
Conc: 38.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



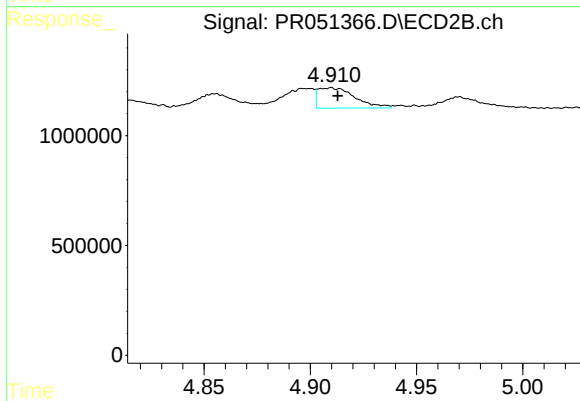
#11 AR-1232-1

R.T.: 4.183 min
Delta R.T.: 0.001 min
Response: 5692731
Conc: 35.25 ng/ml



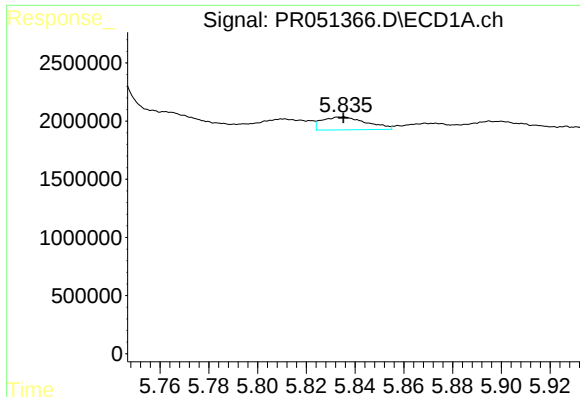
#12 AR-1232-2

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 639946
Conc: 6.58 ng/ml



#12 AR-1232-2

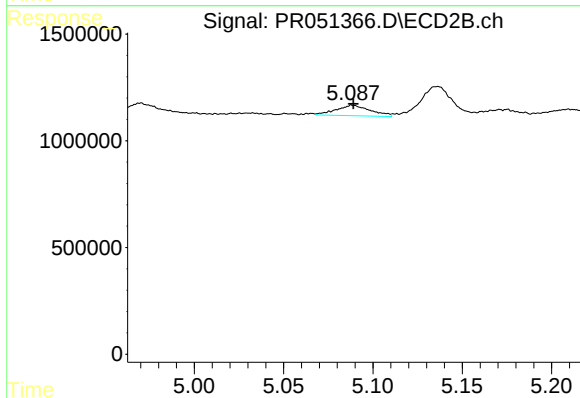
R.T.: 4.910 min
Delta R.T.: -0.003 min
Response: 1129338
Conc: 6.74 ng/ml



#13 AR-1232-3

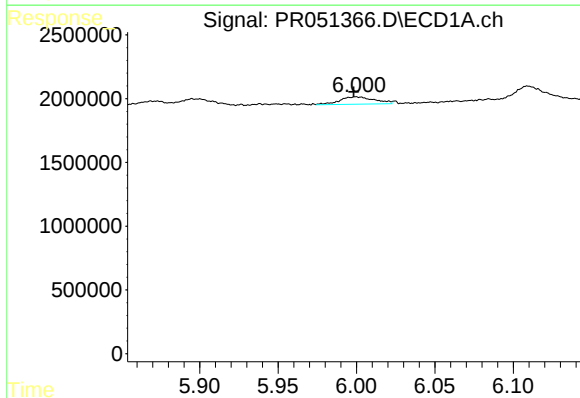
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 1408369
Conc: 6.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



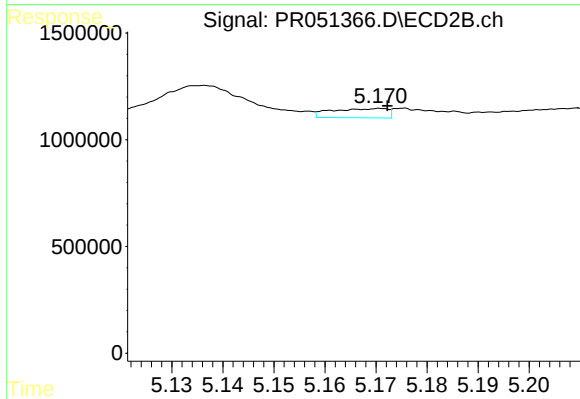
#13 AR-1232-3

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 658667
Conc: 7.56 ng/ml



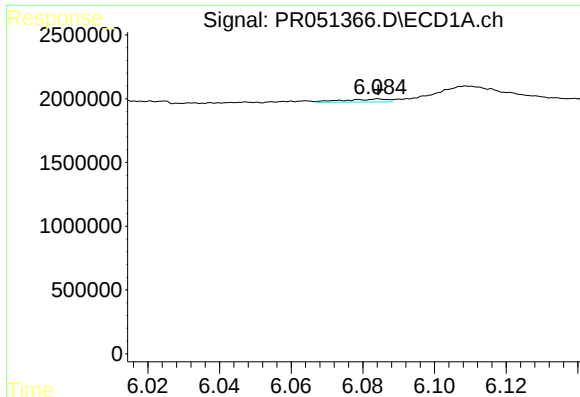
#14 AR-1232-4

R.T.: 6.000 min
Delta R.T.: 0.001 min
Response: 885804
Conc: 8.58 ng/ml



#14 AR-1232-4

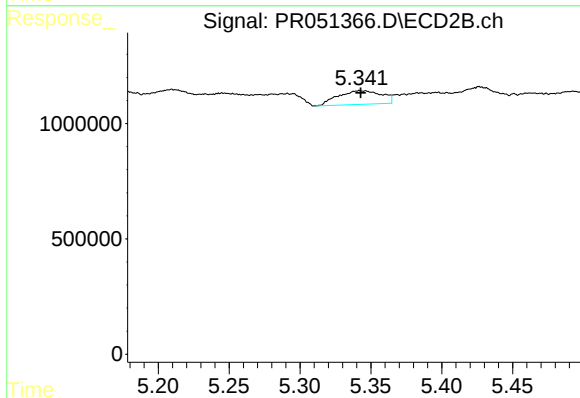
R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 328933
Conc: 4.47 ng/ml



#15 AR-1232-5

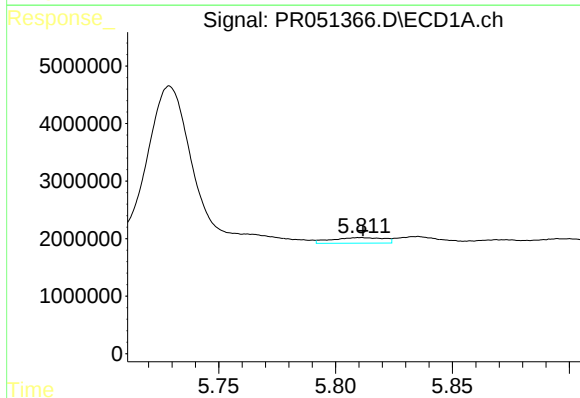
R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 197238
Conc: 2.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



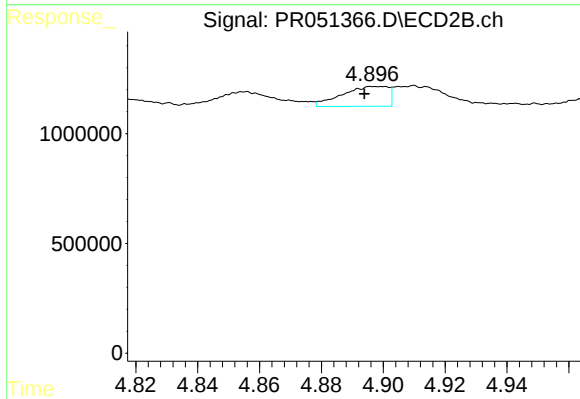
#15 AR-1232-5

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 1263024
Conc: 15.52 ng/ml



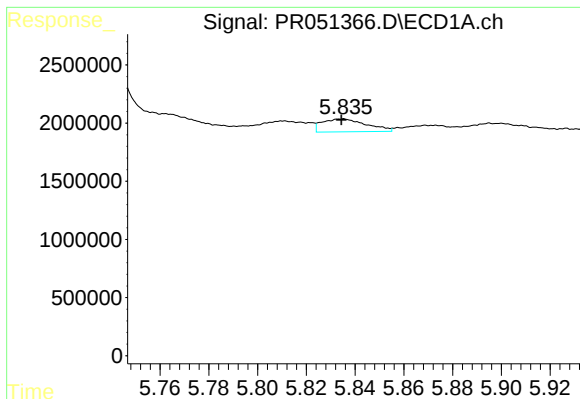
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 1528820
Conc: 5.97 ng/ml



#16 AR-1242-1

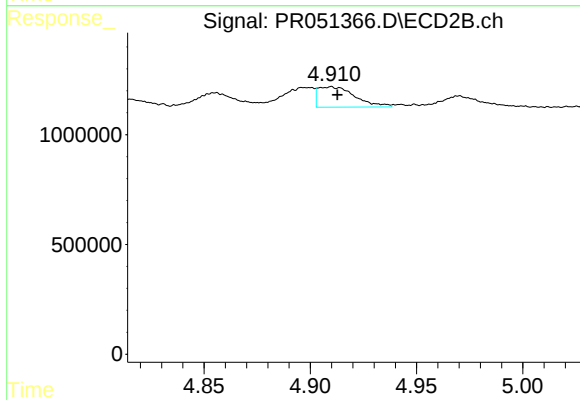
R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 933255
Conc: 4.50 ng/ml



#17 AR-1242-2

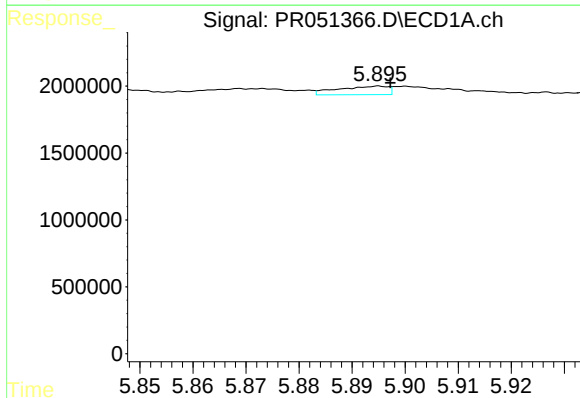
R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 1408369
Conc: 3.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



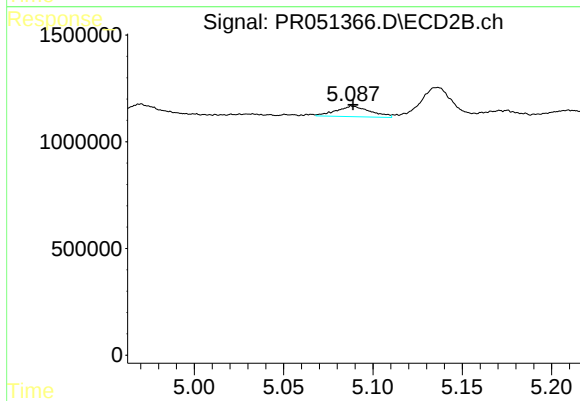
#17 AR-1242-2

R.T.: 4.910 min
Delta R.T.: -0.003 min
Response: 1129338
Conc: 3.72 ng/ml



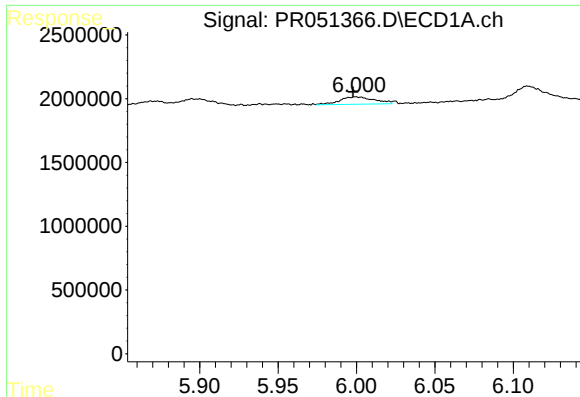
#18 AR-1242-3

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 419267
Conc: 1.91 ng/ml



#18 AR-1242-3

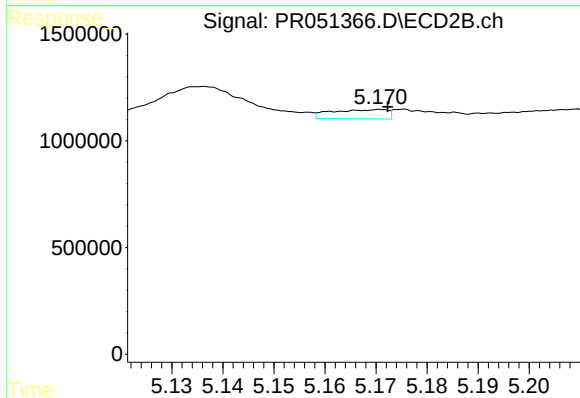
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 658667
Conc: 4.13 ng/ml



#19 AR-1242-4

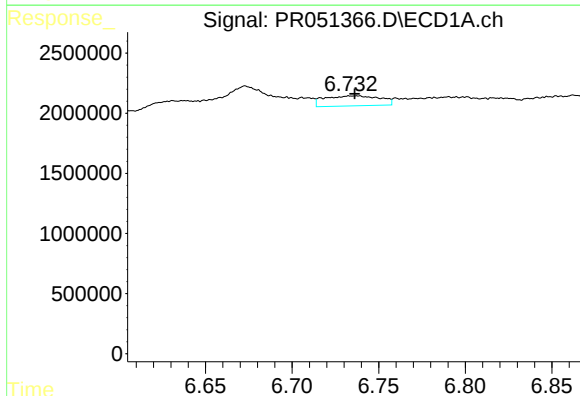
R.T.: 6.000 min
Delta R.T.: 0.002 min
Response: 885804
Conc: 4.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



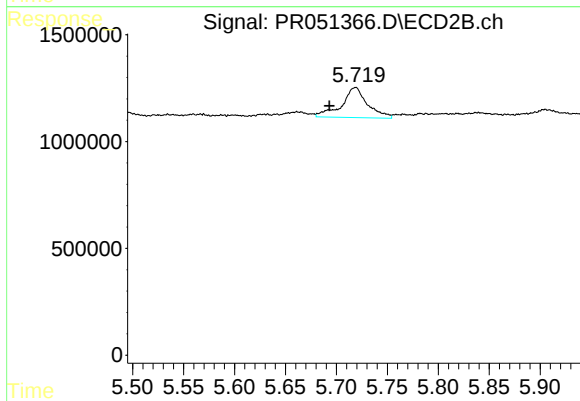
#19 AR-1242-4

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 328933
Conc: 2.23 ng/ml



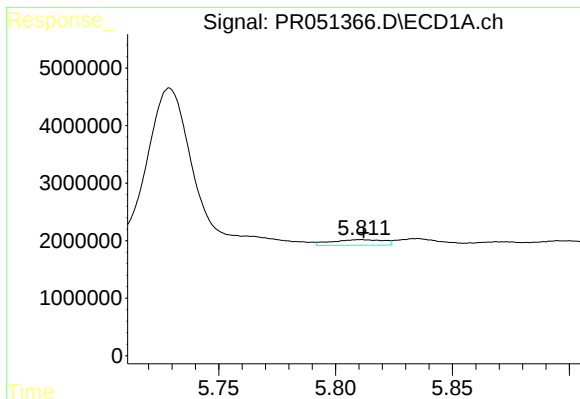
#20 AR-1242-5

R.T.: 6.739 min
Delta R.T.: 0.003 min
Response: 1857298
Conc: 8.49 ng/ml



#20 AR-1242-5

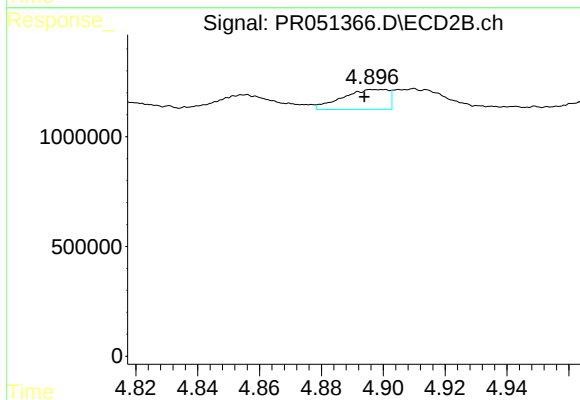
R.T.: 5.719 min
Delta R.T.: 0.026 min
Response: 2489102
Conc: 12.41 ng/ml



#21 AR-1248-1

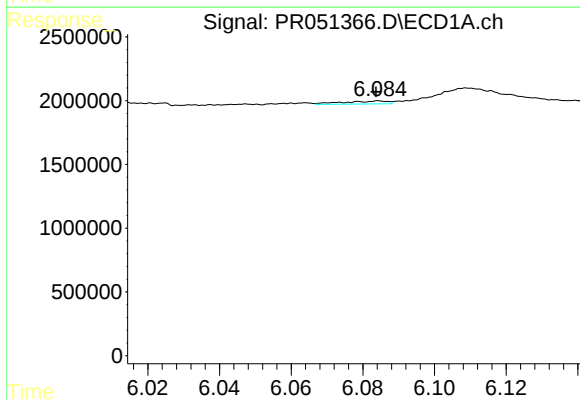
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 1528820
Conc: 7.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



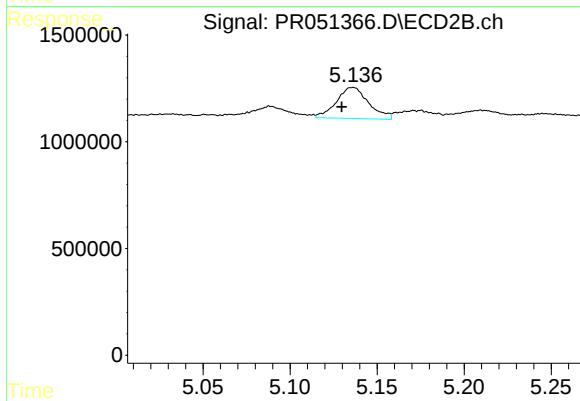
#21 AR-1248-1

R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 933255
Conc: 5.47 ng/ml



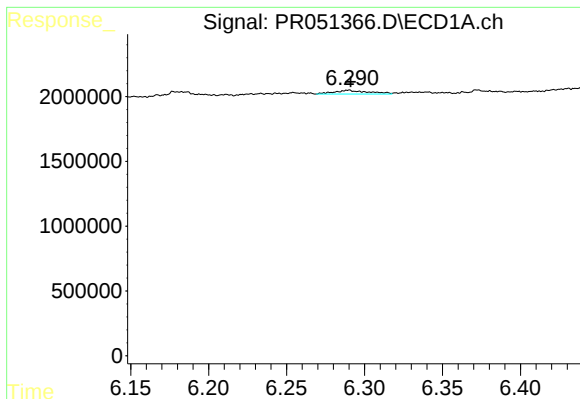
#22 AR-1248-2

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 197238
Conc: 0.67 ng/ml



#22 AR-1248-2

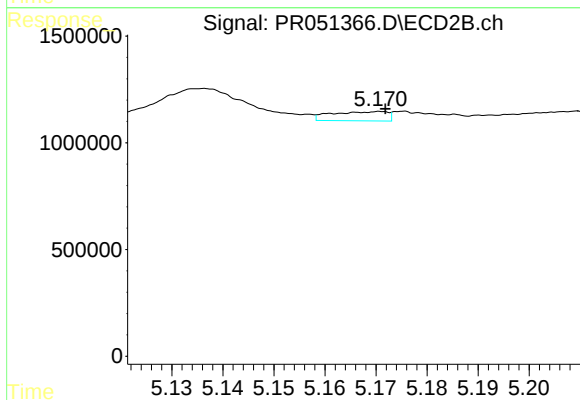
R.T.: 5.136 min
Delta R.T.: 0.007 min
Response: 1887279
Conc: 8.24 ng/ml



#23 AR-1248-3

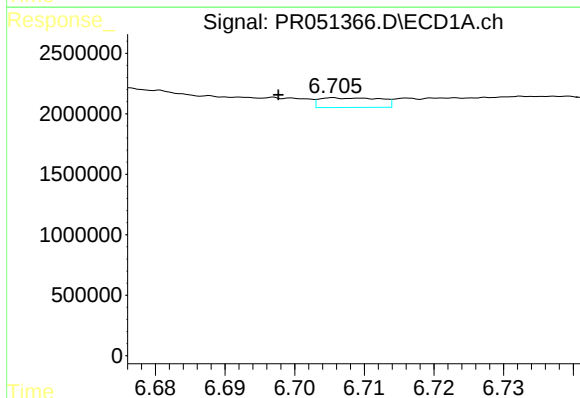
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 444051
Conc: 1.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



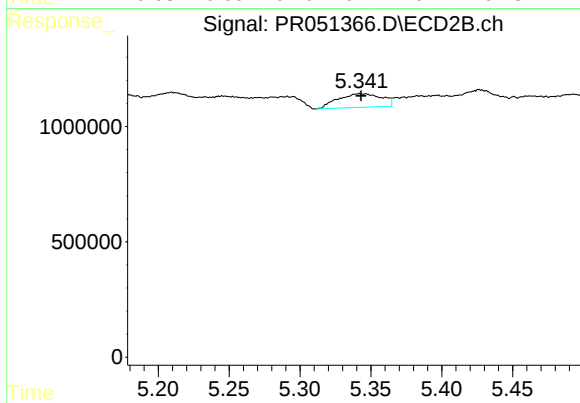
#23 AR-1248-3

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 328933
Conc: 1.38 ng/ml



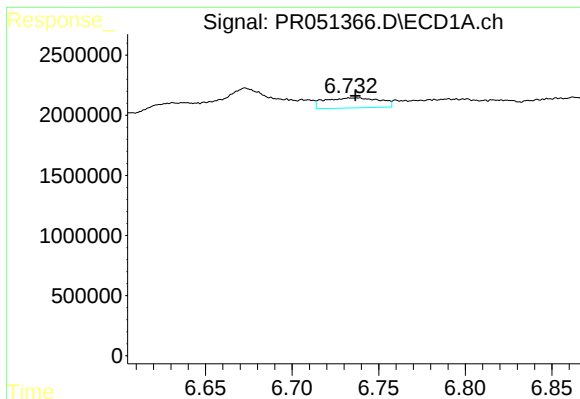
#24 AR-1248-4

R.T.: 6.706 min
Delta R.T.: 0.008 min
Response: 481131
Conc: 1.16 ng/ml



#24 AR-1248-4

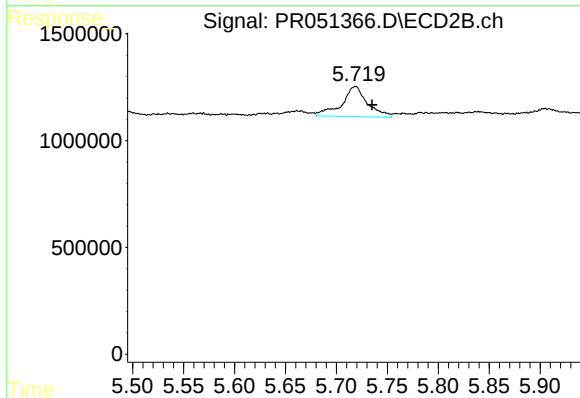
R.T.: 5.342 min
Delta R.T.: -0.001 min
Response: 1263024
Conc: 4.40 ng/ml



#25 AR-1248-5

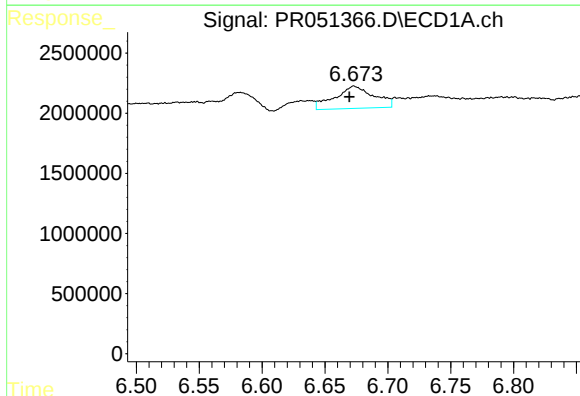
R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 1857298
Conc: 4.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



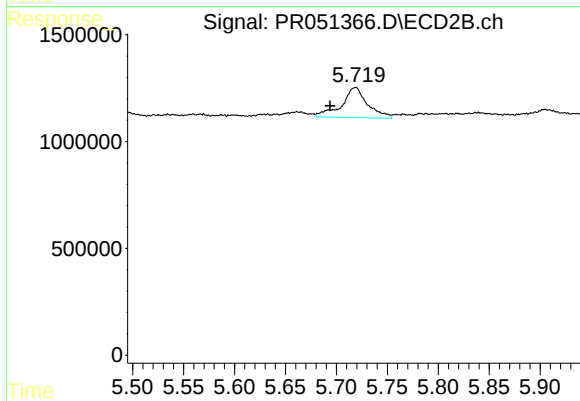
#25 AR-1248-5

R.T.: 5.719 min
Delta R.T.: -0.016 min
Response: 2489102
Conc: 8.12 ng/ml



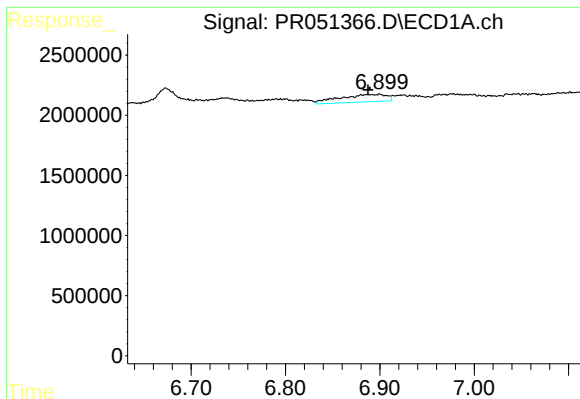
#26 AR-1254-1

R.T.: 6.673 min
Delta R.T.: 0.004 min
Response: 4003484
Conc: 11.30 ng/ml



#26 AR-1254-1

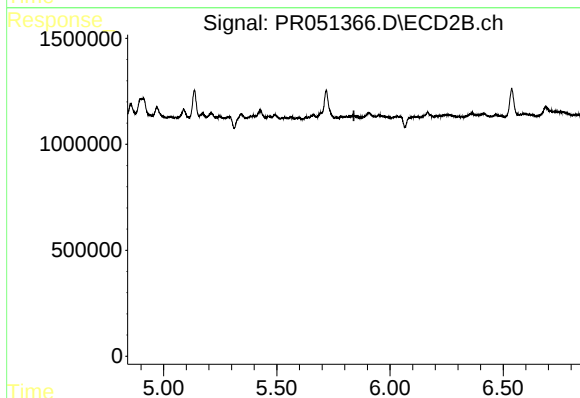
R.T.: 5.719 min
Delta R.T.: 0.025 min
Response: 2489102
Conc: 6.06 ng/ml



#27 AR-1254-2

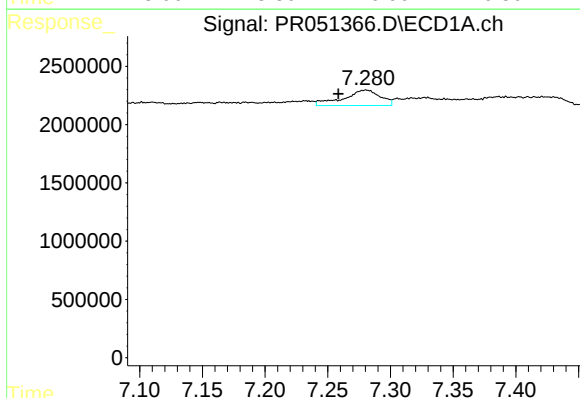
R.T.: 6.900 min
Delta R.T.: 0.012 min
Response: 2136671
Conc: 3.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



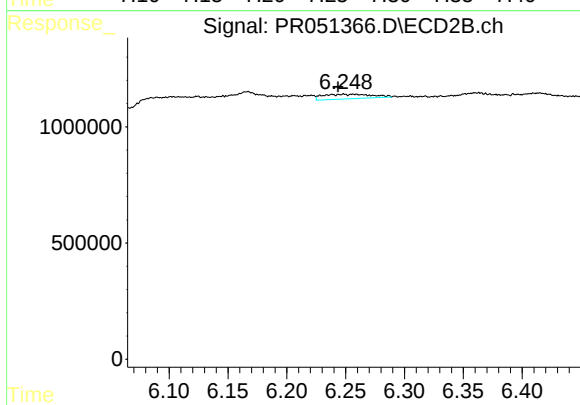
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.840 min
Response: 0
Conc: N.D.



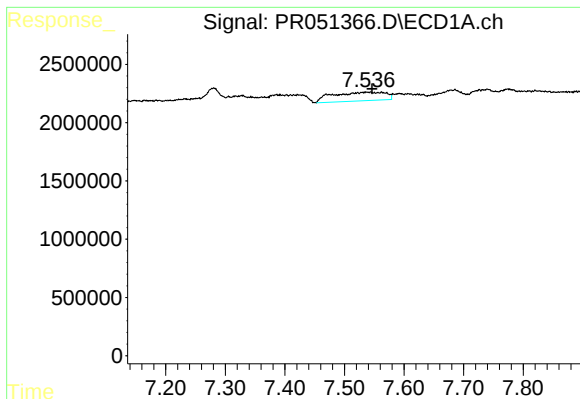
#28 AR-1254-3

R.T.: 7.280 min
Delta R.T.: 0.022 min
Response: 2694489
Conc: 4.50 ng/ml



#28 AR-1254-3

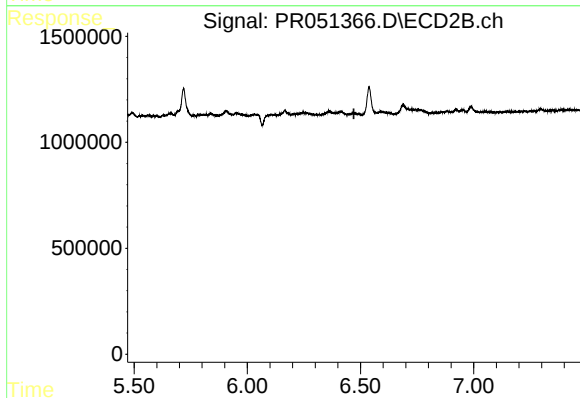
R.T.: 6.249 min
Delta R.T.: 0.005 min
Response: 568386
Conc: 0.94 ng/ml



#29 AR-1254-4

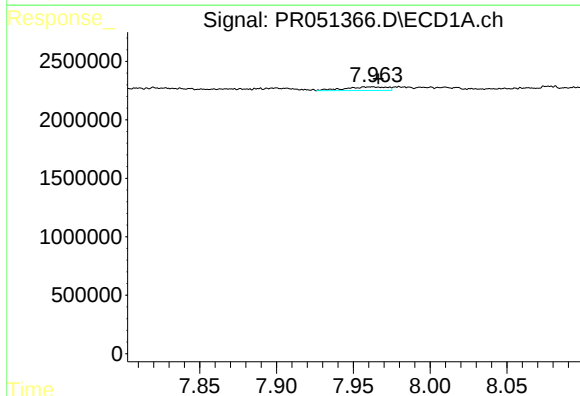
R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 4559588
Conc: 9.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



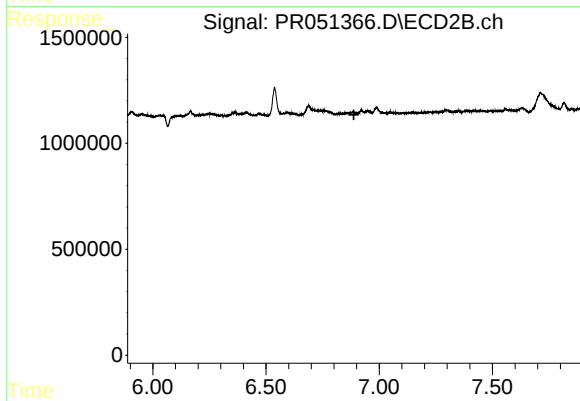
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.471 min
Response: 0
Conc: N.D.



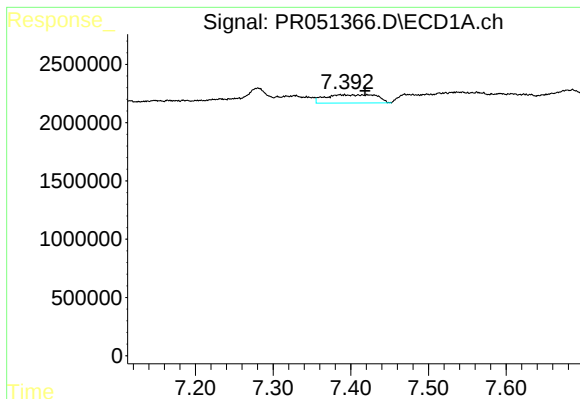
#30 AR-1254-5

R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 575726
Conc: 1.22 ng/ml



#30 AR-1254-5

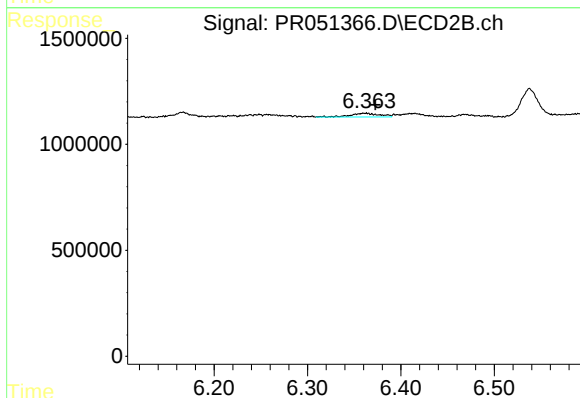
R.T.: 0.000 min
Exp R.T. : 6.888 min
Response: 0
Conc: N.D.



#31 AR-1260-1

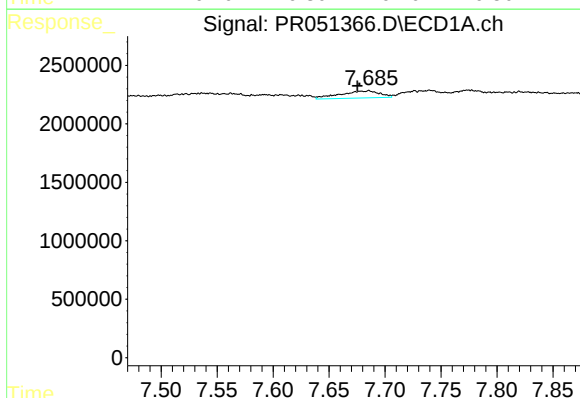
R.T.: 7.392 min
Delta R.T.: -0.026 min
Response: 3247179
Conc: 6.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



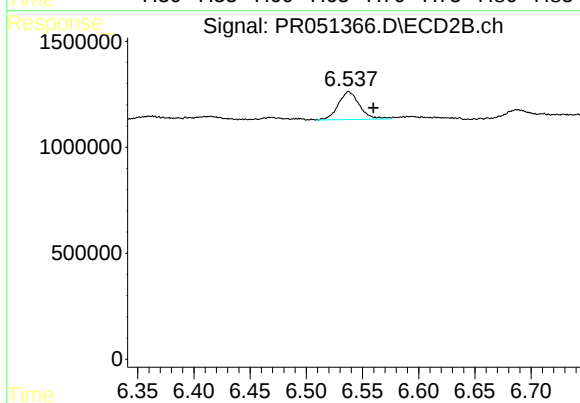
#31 AR-1260-1

R.T.: 6.363 min
Delta R.T.: -0.010 min
Response: 365504
Conc: 0.89 ng/ml



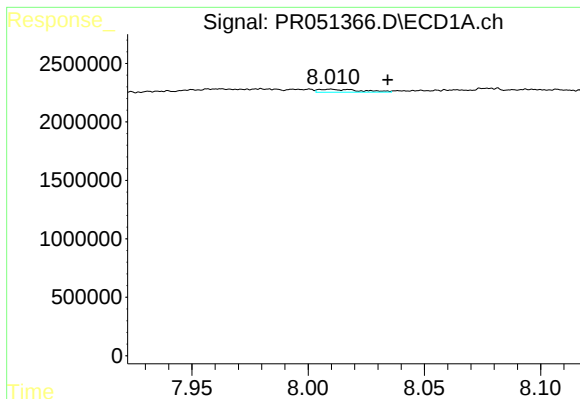
#32 AR-1260-2

R.T.: 7.686 min
Delta R.T.: 0.010 min
Response: 1481064
Conc: 2.35 ng/ml



#32 AR-1260-2

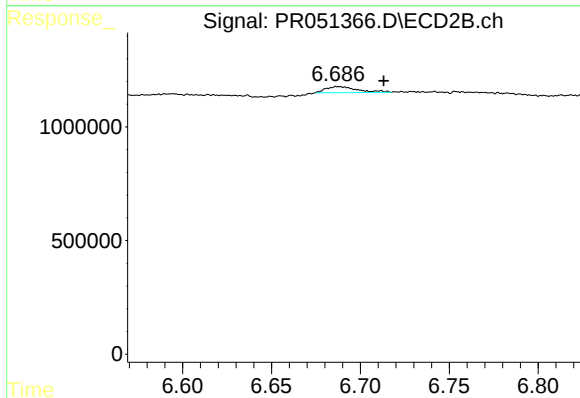
R.T.: 6.538 min
Delta R.T.: -0.022 min
Response: 1744575
Conc: 3.45 ng/ml



#33 AR-1260-3

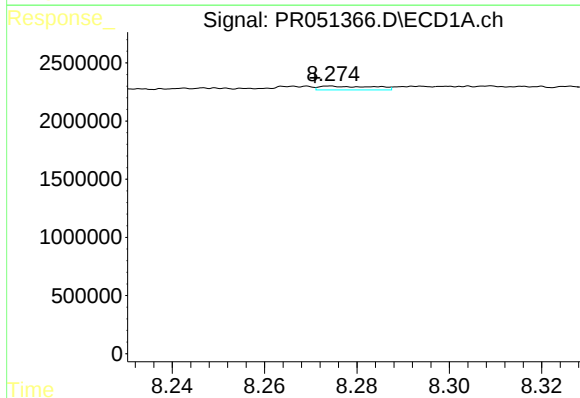
R.T.: 8.010 min
Delta R.T.: -0.025 min
Response: 308433
Conc: 0.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



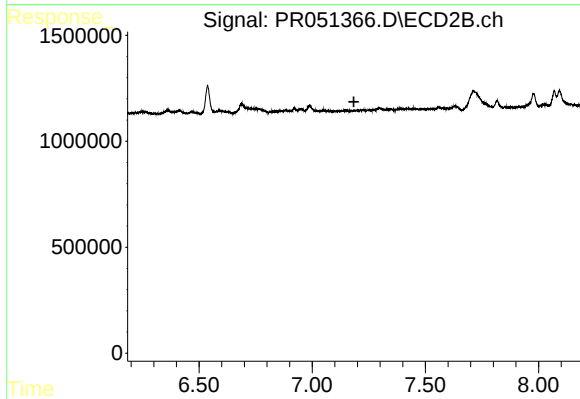
#33 AR-1260-3

R.T.: 6.688 min
Delta R.T.: -0.025 min
Response: 329396
Conc: 0.67 ng/ml



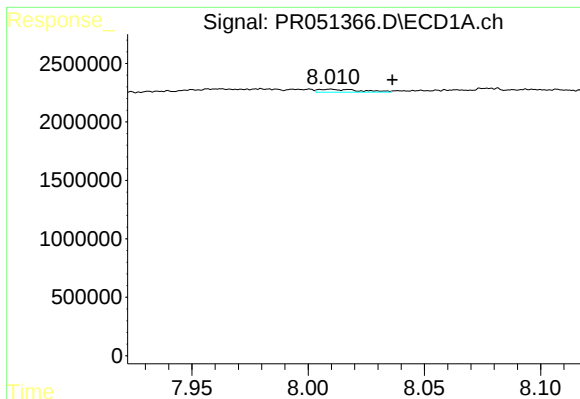
#34 AR-1260-4

R.T.: 8.274 min
Delta R.T.: 0.004 min
Response: 269902
Conc: 0.53 ng/ml



#34 AR-1260-4

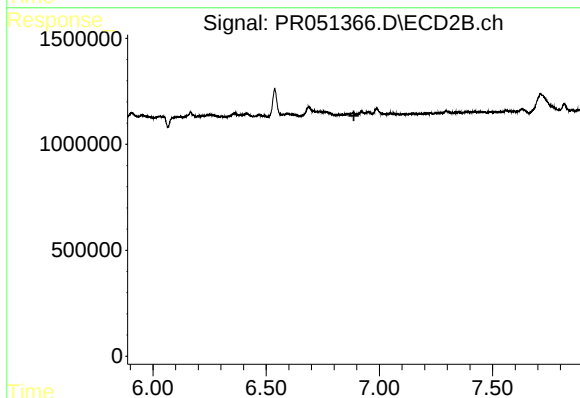
R.T.: 0.000 min
Exp R.T.: 7.184 min
Response: 0
Conc: N.D.



#36 AR-1262-1

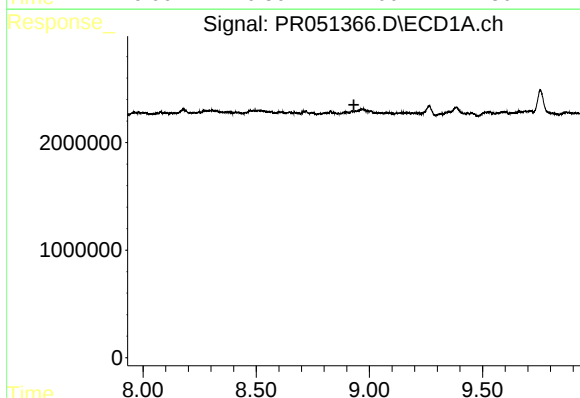
R.T.: 8.010 min
Delta R.T.: -0.027 min
Response: 308433
Conc: 0.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



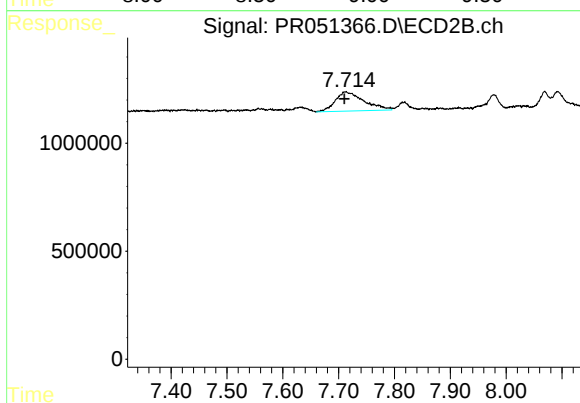
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.888 min
Response: 0
Conc: N.D.



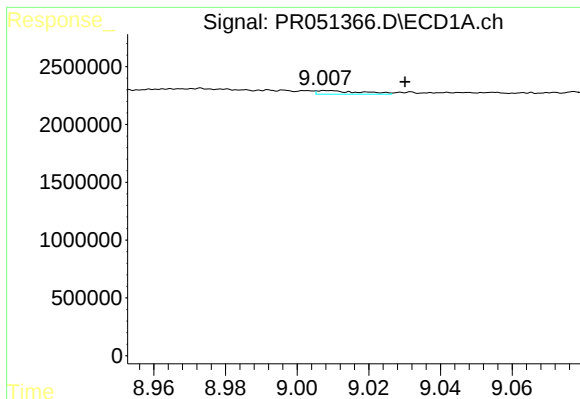
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.931 min
Response: 0
Conc: N.D.



#38 AR-1262-3

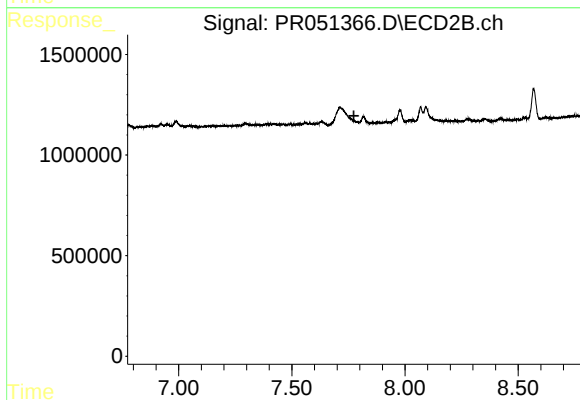
R.T.: 7.713 min
Delta R.T.: 0.002 min
Response: 3155516
Conc: 8.58 ng/ml



#39 AR-1262-4

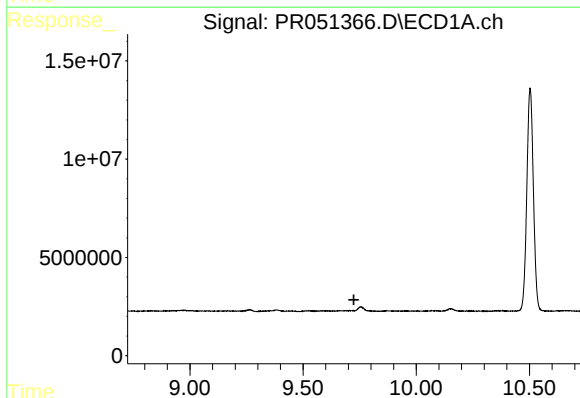
R.T.: 9.009 min
Delta R.T.: -0.021 min
Response: 263708
Conc: 0.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



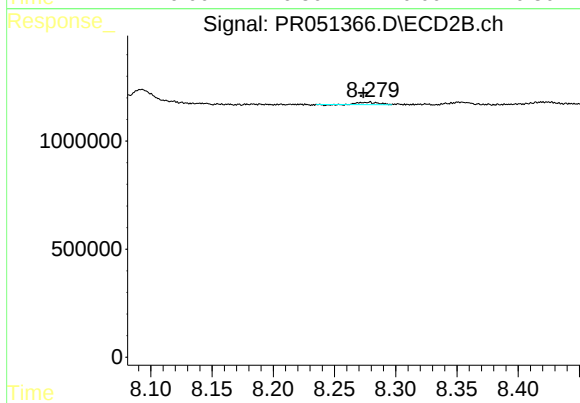
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.774 min
Response: 0
Conc: N.D.



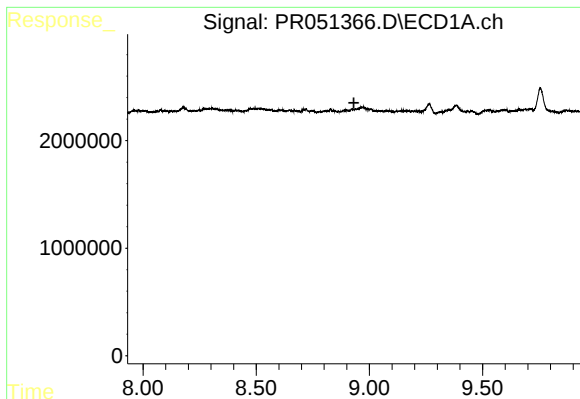
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.725 min
Response: 0
Conc: N.D.



#40 AR-1262-5

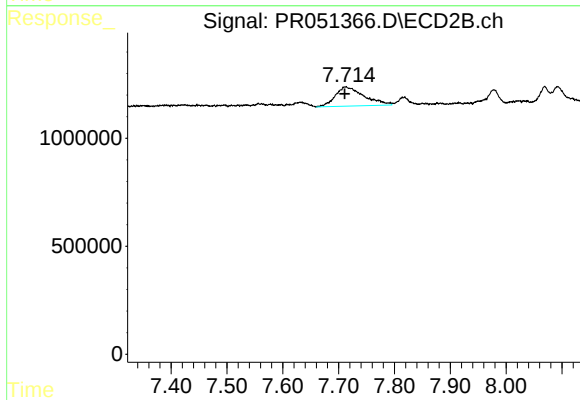
R.T.: 8.279 min
Delta R.T.: 0.005 min
Response: 117699
Conc: 0.36 ng/ml



#41 AR-1268-1

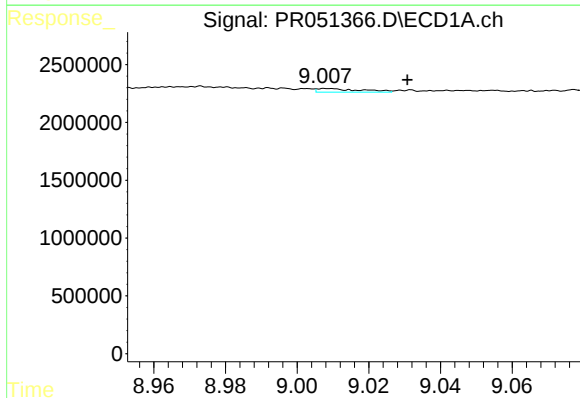
R.T.: 0.000 min
Exp R.T.: 8.932 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



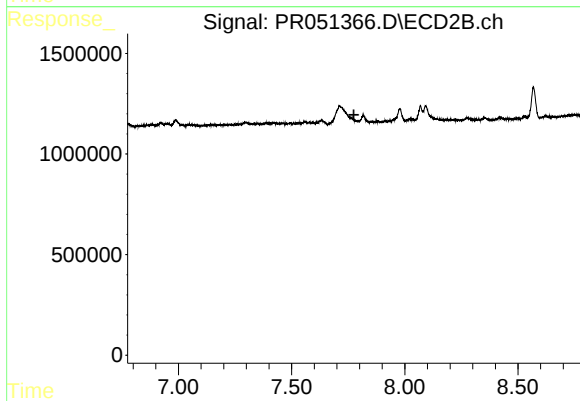
#41 AR-1268-1

R.T.: 7.713 min
Delta R.T.: 0.002 min
Response: 315516
Conc: 2.93 ng/ml



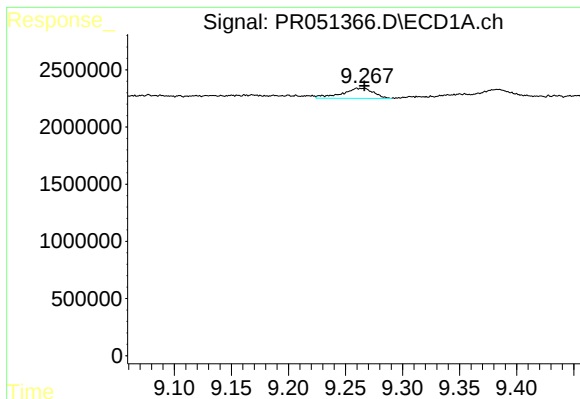
#42 AR-1268-2

R.T.: 9.009 min
Delta R.T.: -0.022 min
Response: 263708
Conc: 0.21 ng/ml



#42 AR-1268-2

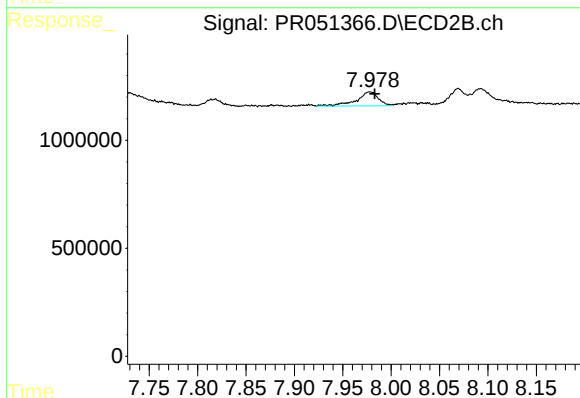
R.T.: 0.000 min
Exp R.T.: 7.775 min
Response: 0
Conc: N.D.



#43 AR-1268-3

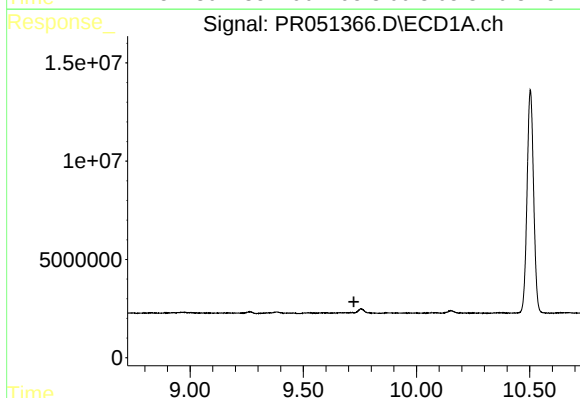
R.T.: 9.266 min
Delta R.T.: 0.000 min
Response: 1705827
Conc: 1.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



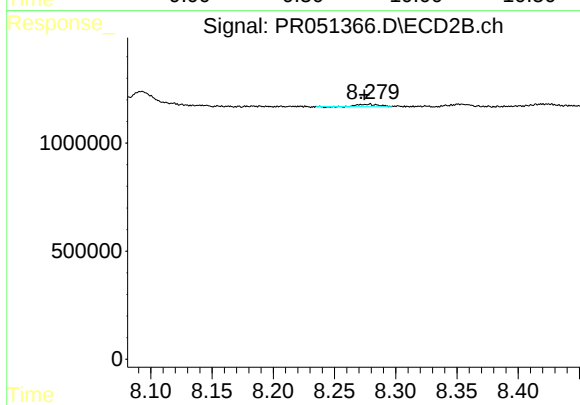
#43 AR-1268-3

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 1013065
Conc: 1.23 ng/ml



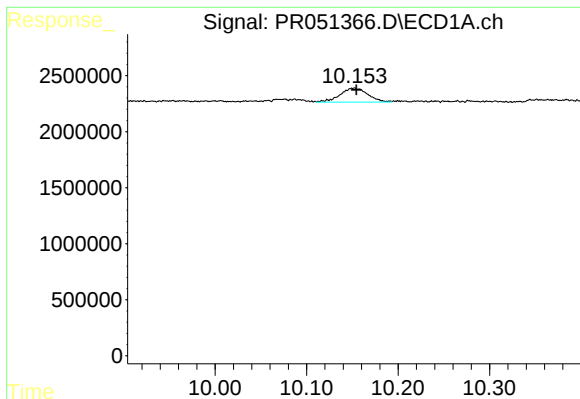
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.723 min
Response: 0
Conc: N.D.



#44 AR-1268-4

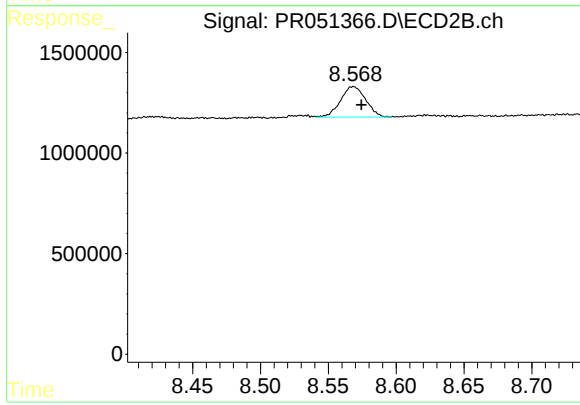
R.T.: 8.279 min
Delta R.T.: 0.004 min
Response: 117699
Conc: 0.33 ng/ml



#45 AR-1268-5

R.T.: 10.152 min
Delta R.T.: -0.003 min
Response: 2641460
Conc: 0.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.568 min
Delta R.T.: -0.006 min
Response: 1955060
Conc: 0.70 ng/ml