

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
 Data File : PR051370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2021 22:11
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:10:58 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	169.0E6	160.2E6	20.683	21.542
2)	SA Decachlor...	10.502	8.830	221.5E6	170.2E6	23.055	21.291
Target Compounds							
3)	L1 AR-1016-1	5.814	4.895	436986	1322602	1.204	4.495 #
4)	L1 AR-1016-2	5.835	4.895f	969073	1322602	1.868	3.133 #
5)	L1 AR-1016-3	5.874f	5.086	844231	361165	2.782	1.622 #
6)	L1 AR-1016-4	5.997	5.130	229850	6154998	0.895	36.341 #
7)	L1 AR-1016-5	6.290	5.343	3491612	2978671	14.093	13.474
8)	L2 AR-1221-1	0.000	4.030	0	690316	N.D.	9.404 #
9)	L2 AR-1221-2	4.939	4.110	3082653	2389447	45.833	40.514
10)	L2 AR-1221-3	5.014	4.182	579074	254300	2.694	1.337 #
11)	L3 AR-1232-1	5.014	4.182	579074	254300	3.207	1.575 #
12)	L3 AR-1232-2	5.542	4.895f	166467	1322602	1.712	7.890 #
13)	L3 AR-1232-3	5.835	5.086	969073	361165	4.636	4.144
14)	L3 AR-1232-4	5.997	5.171	229850	1523198	2.226	20.708 #
15)	L3 AR-1232-5	6.083	5.343	6429489	2978671	85.603	36.609 #
16)	L4 AR-1242-1	5.814	4.895	436986	1322602	1.707	6.382 #
17)	L4 AR-1242-2	5.835	4.895f	969073	1322602	2.563	4.362 #
18)	L4 AR-1242-3	5.874f	5.086	844231	361165	3.838	2.263 #
19)	L4 AR-1242-4	5.997	5.171	229850	1523198	1.233	10.309 #
20)	L4 AR-1242-5	6.737	5.694	6344127	13463349	28.984	67.138 #
21)	L5 AR-1248-1	5.814	4.895	436986	1322602	2.072	7.753 #
22)	L5 AR-1248-2	6.083	5.130	6429489	6154998	21.960	26.873
23)	L5 AR-1248-3	6.290	5.171	3491612	1523198	10.448	6.399 #
24)	L5 AR-1248-4	6.696	5.343	7393278	2978671	17.784	10.382 #
25)	L5 AR-1248-5	6.737	5.734	6344127	1773432	15.904	5.786 #
26)	L6 AR-1254-1	6.667	5.694	13906987	13463349	39.237	32.778
27)	L6 AR-1254-2	6.885	5.840	21501586	12184561	38.252	35.025
28)	L6 AR-1254-3	7.256	6.243	22365495	18953669	37.359	31.455
29)	L6 AR-1254-4	7.543	6.470	25991948	11836079	52.875	31.525 #
30)	L6 AR-1254-5	7.962	6.886	17780365	16406870	37.529	31.760
31)	L7 AR-1260-1	7.416	6.373	11543379	9391602	24.193	22.786
32)	L7 AR-1260-2	7.673	6.559	13157011	9295890	20.832	18.388
33)	L7 AR-1260-3	8.021	6.712	3309605	7594235	6.619	15.509 #
34)	L7 AR-1260-4	8.262	7.183	10121967	793399	19.765	1.941 #
35)	L7 AR-1260-5	8.604	7.421	4071296	1789083	3.533	1.707 #
36)	L8 AR-1262-1	8.021f	6.886	3309605	16406870	5.041	59.323 #
37)	L8 AR-1262-2	8.604	7.421	4071296	1789083	3.389	1.762 #
38)	L8 AR-1262-3	8.953f	7.708	3579373	901089	4.694	2.449 #
39)	L8 AR-1262-4	9.031	7.767	233310	2200924	0.401	3.020 #
40)	L8 AR-1262-5	9.710	8.275	286819	1636335	0.682	5.017 #
41)	L9 AR-1268-1	8.953f	7.708	3579373	901089	2.532	0.837 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
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 Acq On : 27 Jul 2021 22:11
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 31 Sample Multiplier: 1

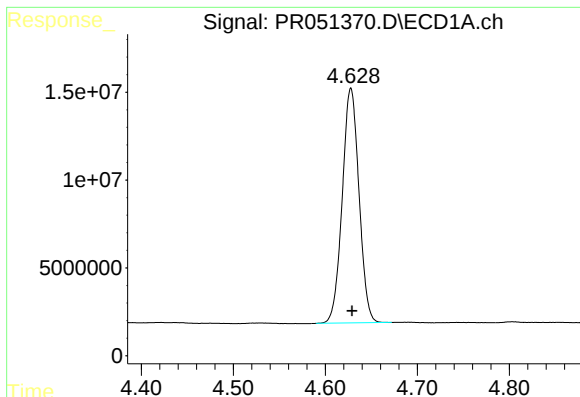
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:10:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.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	9.031	7.767	233310	2200924	0.183	2.210 #
43) L9	AR-1268-3	9.262	7.953f	2278360	2442423	2.041	2.969 #
44) L9	AR-1268-4	9.710	8.275	286819	1636335	0.632	4.610 #
45) L9	AR-1268-5	10.154	8.568	3718001	1582714	1.016	0.570 #

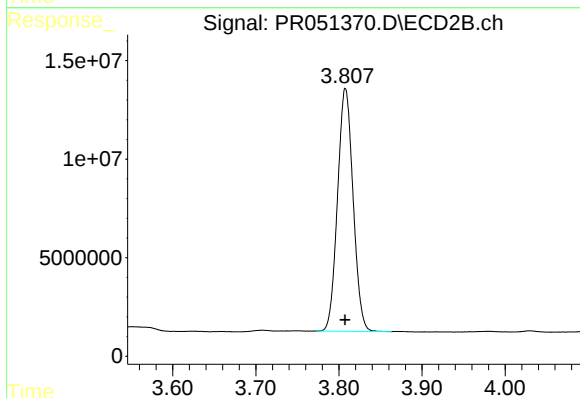
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

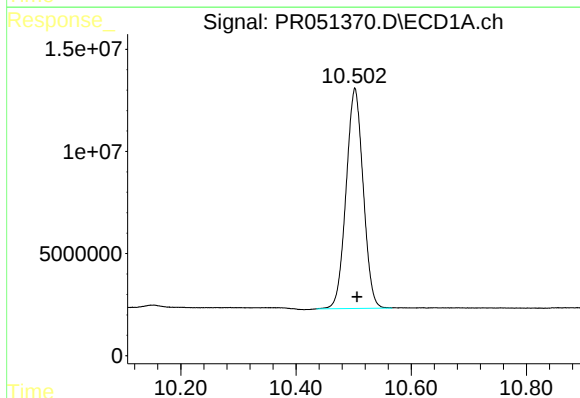
R.T.: 4.628 min
Delta R.T.: -0.001 min
Response: 169038337
Conc: 20.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



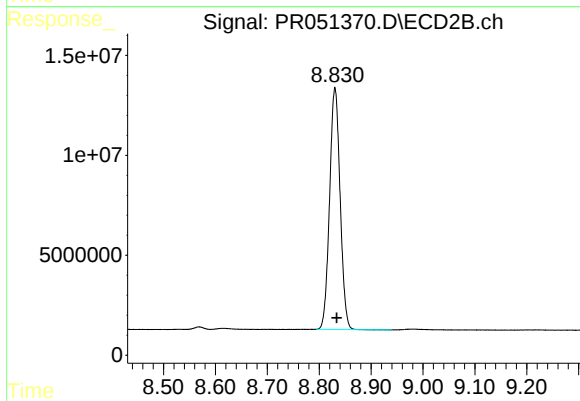
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 160178503
Conc: 21.54 ng/ml



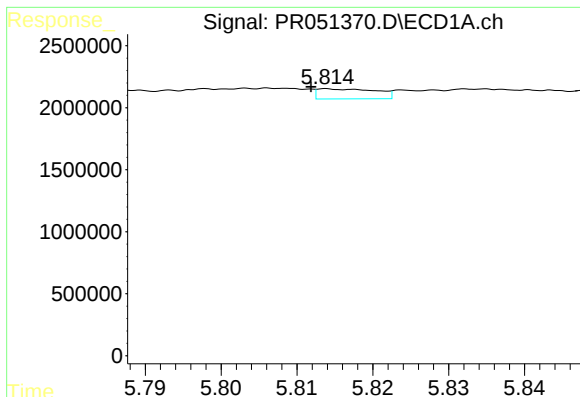
#2 Decachlorobiphenyl

R.T.: 10.502 min
Delta R.T.: -0.004 min
Response: 221453869
Conc: 23.06 ng/ml



#2 Decachlorobiphenyl

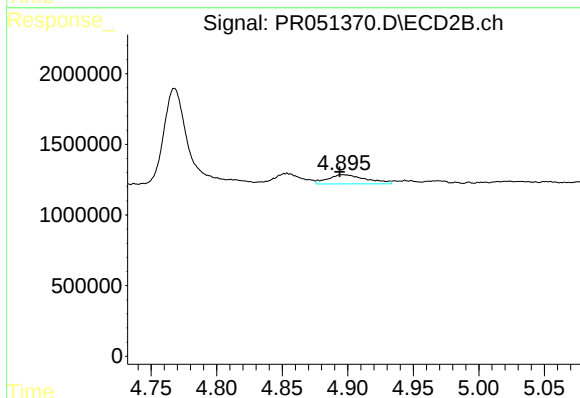
R.T.: 8.830 min
Delta R.T.: -0.003 min
Response: 170229525
Conc: 21.29 ng/ml



#3 AR-1016-1

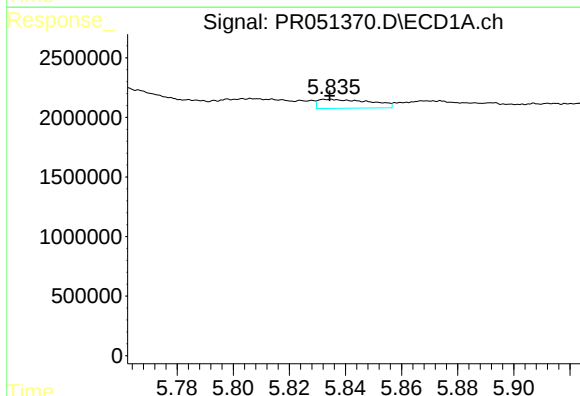
R.T.: 5.814 min
Delta R.T.: 0.002 min
Response: 436986
Conc: 1.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



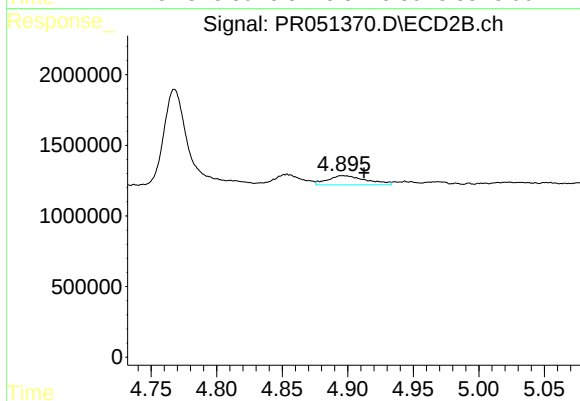
#3 AR-1016-1

R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 1322602
Conc: 4.49 ng/ml



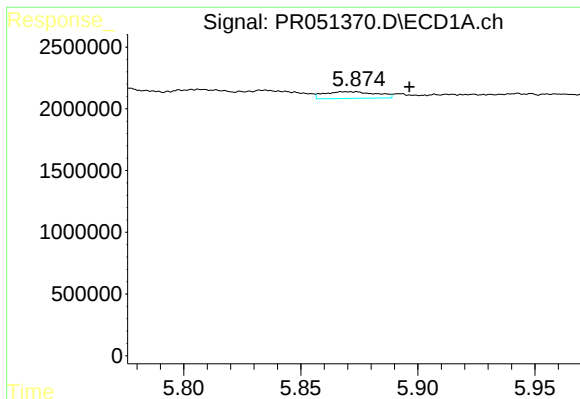
#4 AR-1016-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 969073
Conc: 1.87 ng/ml



#4 AR-1016-2

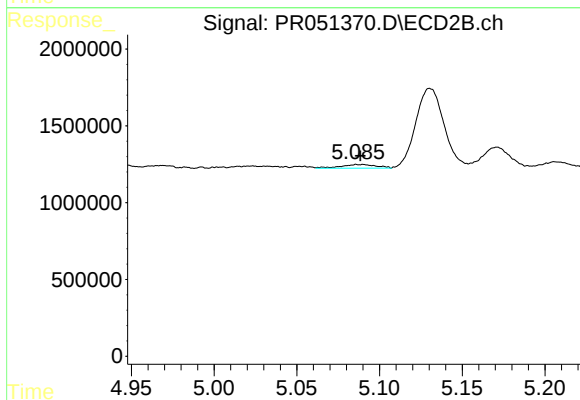
R.T.: 4.895 min
Delta R.T.: -0.017 min
Response: 1322602
Conc: 3.13 ng/ml



#5 AR-1016-3

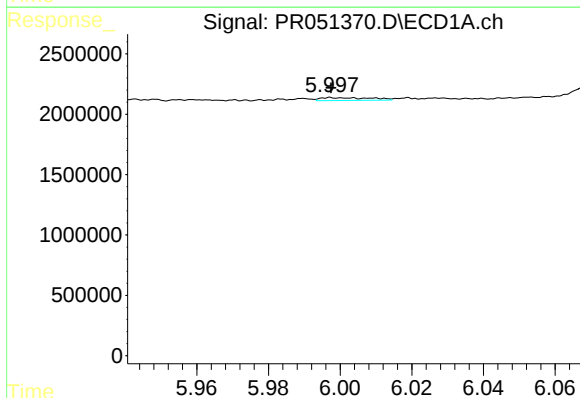
R.T.: 5.874 min
Delta R.T.: -0.022 min
Response: 844231
Conc: 2.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



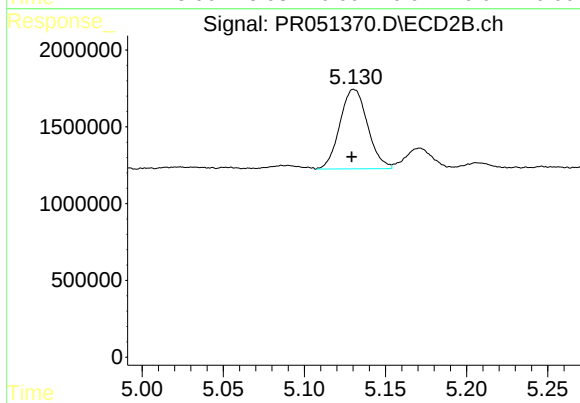
#5 AR-1016-3

R.T.: 5.086 min
Delta R.T.: -0.002 min
Response: 361165
Conc: 1.62 ng/ml



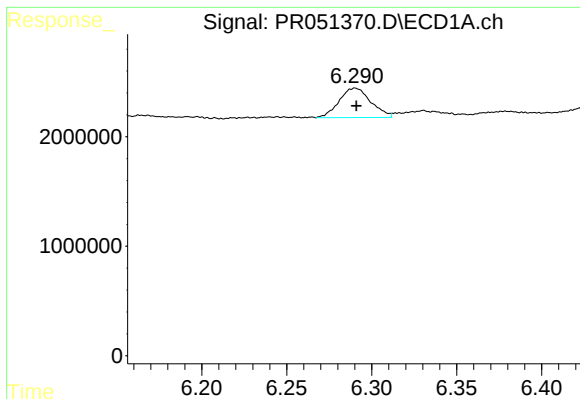
#6 AR-1016-4

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 229850
Conc: 0.89 ng/ml



#6 AR-1016-4

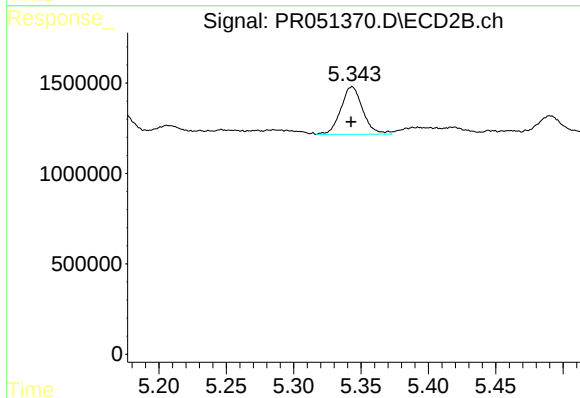
R.T.: 5.130 min
Delta R.T.: 0.001 min
Response: 6154998
Conc: 36.34 ng/ml



#7 AR-1016-5

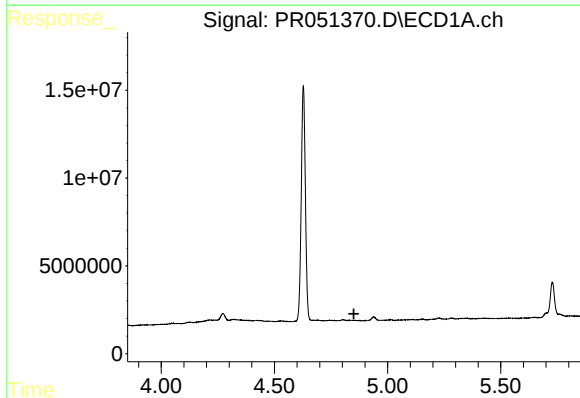
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 3491612
Conc: 14.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



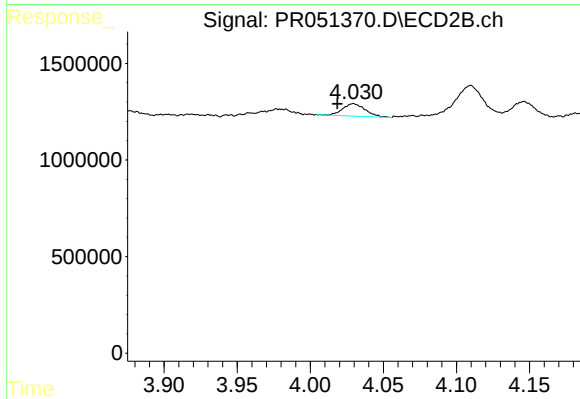
#7 AR-1016-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 2978671
Conc: 13.47 ng/ml



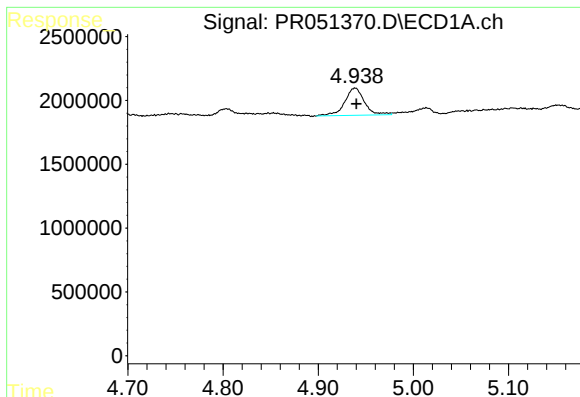
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



#8 AR-1221-1

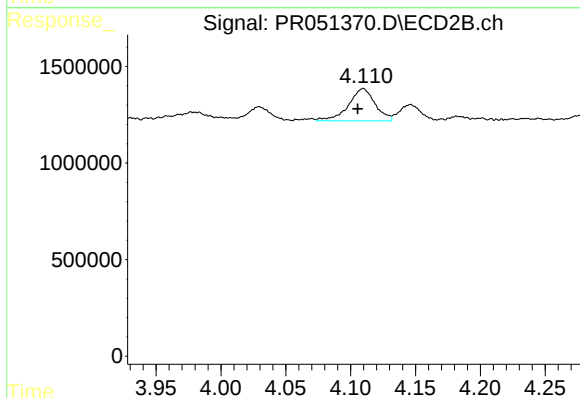
R.T.: 4.030 min
Delta R.T.: 0.011 min
Response: 690316
Conc: 9.40 ng/ml



#9 AR-1221-2

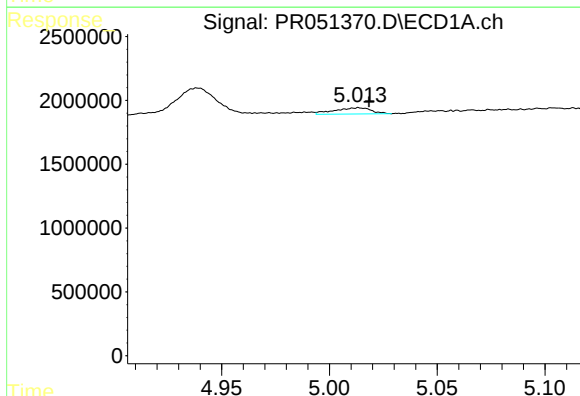
R.T.: 4.939 min
Delta R.T.: -0.001 min
Response: 3082653
Conc: 45.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



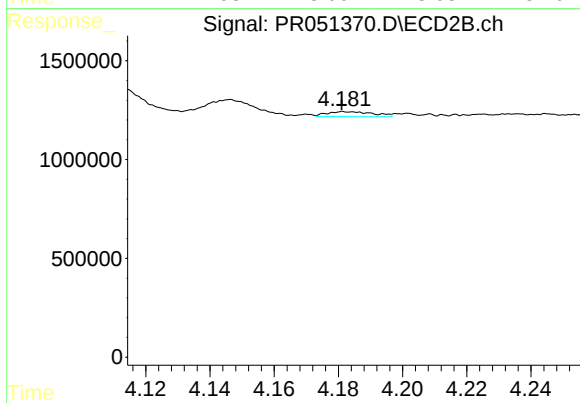
#9 AR-1221-2

R.T.: 4.110 min
Delta R.T.: 0.004 min
Response: 2389447
Conc: 40.51 ng/ml



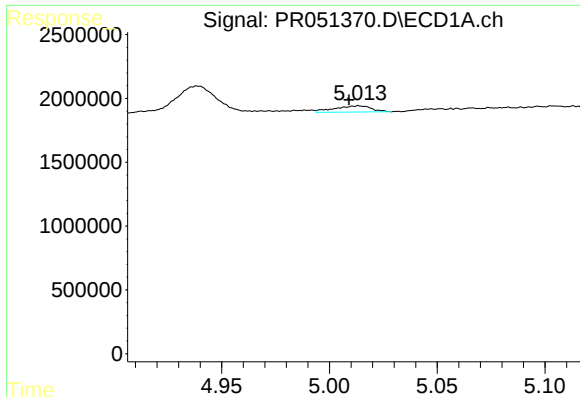
#10 AR-1221-3

R.T.: 5.014 min
Delta R.T.: -0.005 min
Response: 579074
Conc: 2.69 ng/ml



#10 AR-1221-3

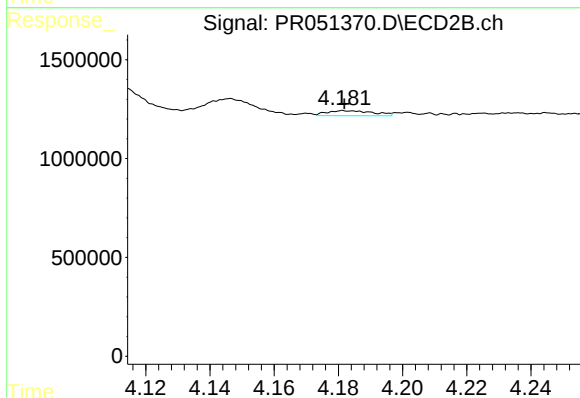
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 254300
Conc: 1.34 ng/ml



#11 AR-1232-1

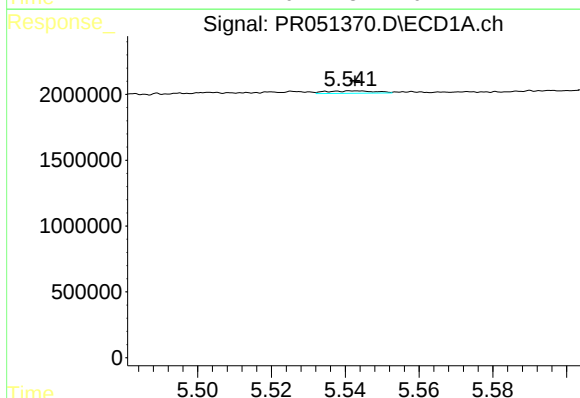
R.T.: 5.014 min
Delta R.T.: 0.005 min
Response: 579074
Conc: 3.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



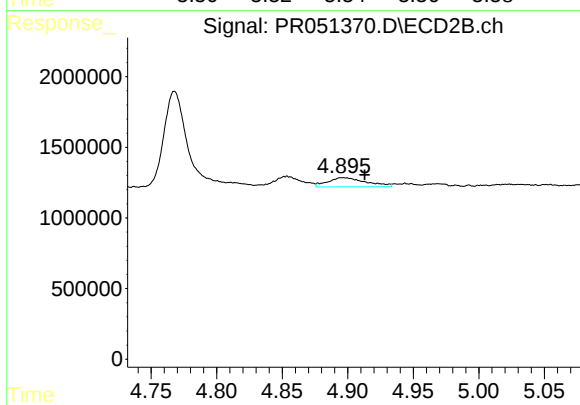
#11 AR-1232-1

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 254300
Conc: 1.57 ng/ml



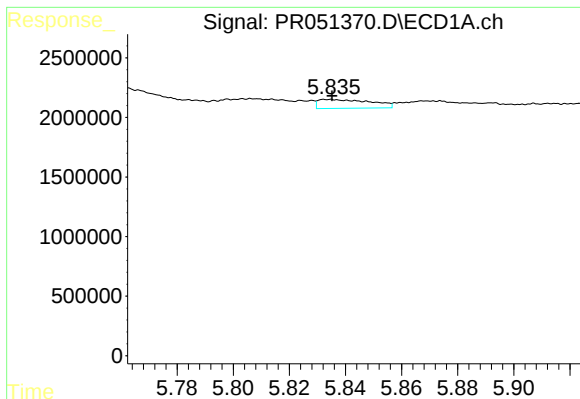
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 166467
Conc: 1.71 ng/ml



#12 AR-1232-2

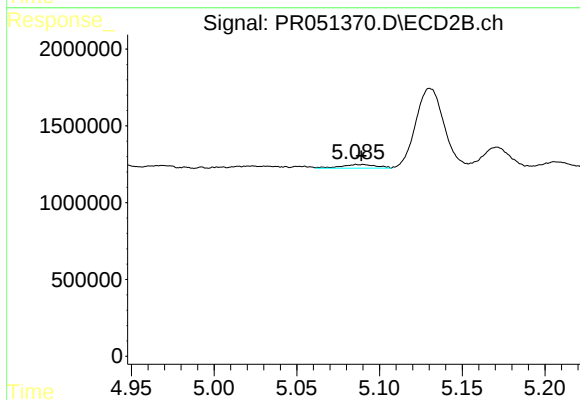
R.T.: 4.895 min
Delta R.T.: -0.018 min
Response: 1322602
Conc: 7.89 ng/ml



#13 AR-1232-3

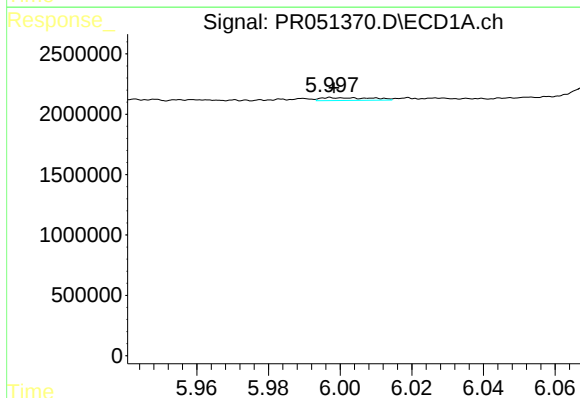
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 969073
Conc: 4.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



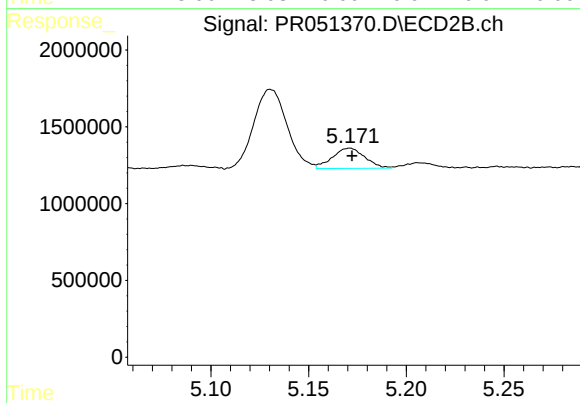
#13 AR-1232-3

R.T.: 5.086 min
Delta R.T.: -0.003 min
Response: 361165
Conc: 4.14 ng/ml



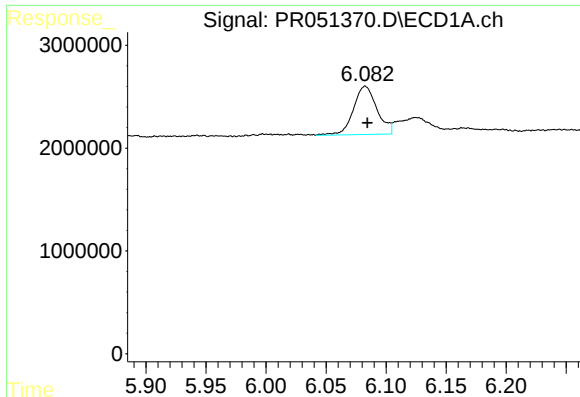
#14 AR-1232-4

R.T.: 5.997 min
Delta R.T.: -0.001 min
Response: 229850
Conc: 2.23 ng/ml



#14 AR-1232-4

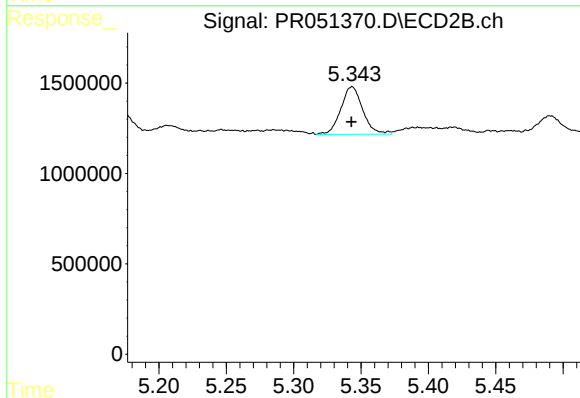
R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 1523198
Conc: 20.71 ng/ml



#15 AR-1232-5

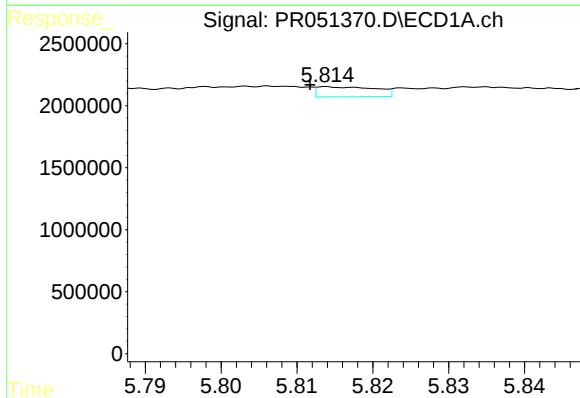
R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 6429489
Conc: 85.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



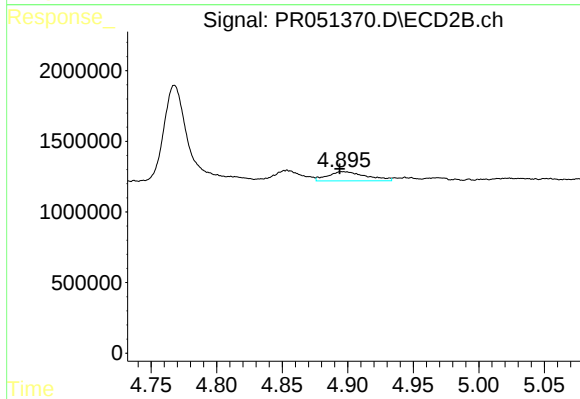
#15 AR-1232-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 2978671
Conc: 36.61 ng/ml



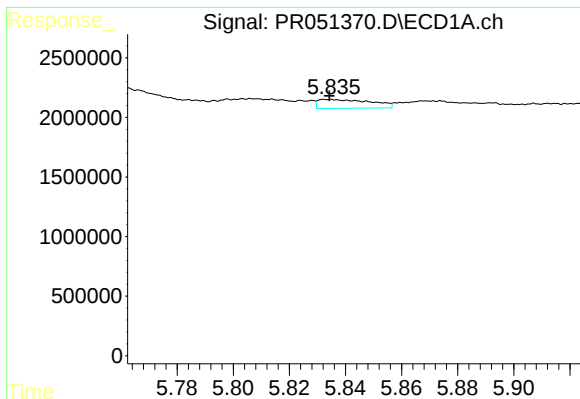
#16 AR-1242-1

R.T.: 5.814 min
Delta R.T.: 0.002 min
Response: 436986
Conc: 1.71 ng/ml



#16 AR-1242-1

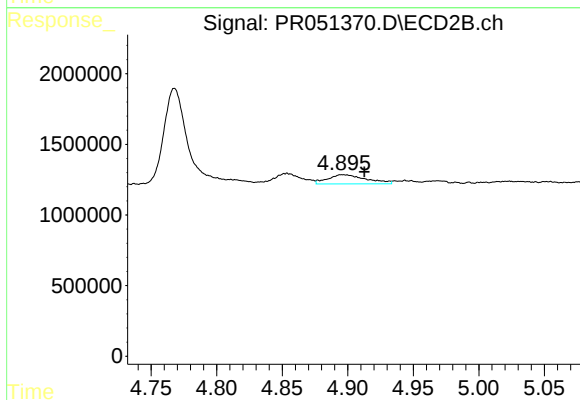
R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 1322602
Conc: 6.38 ng/ml



#17 AR-1242-2

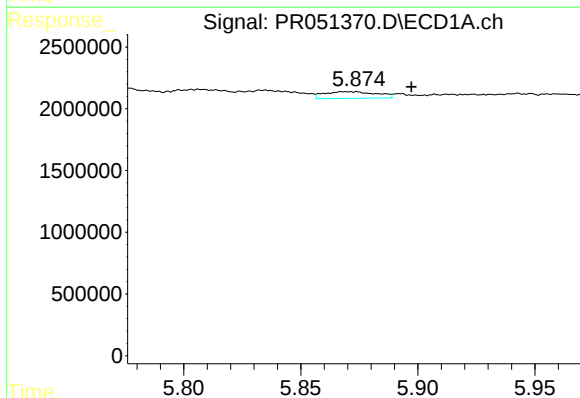
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 969073
Conc: 2.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



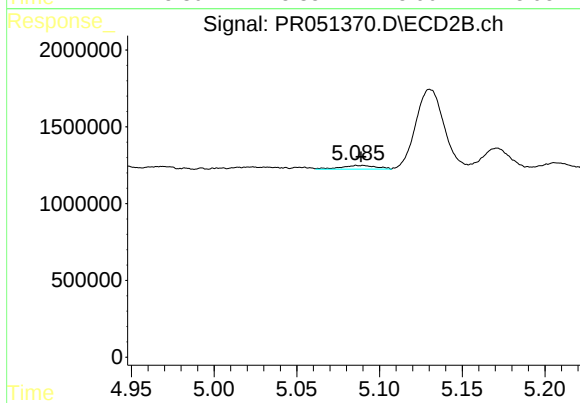
#17 AR-1242-2

R.T.: 4.895 min
Delta R.T.: -0.018 min
Response: 1322602
Conc: 4.36 ng/ml



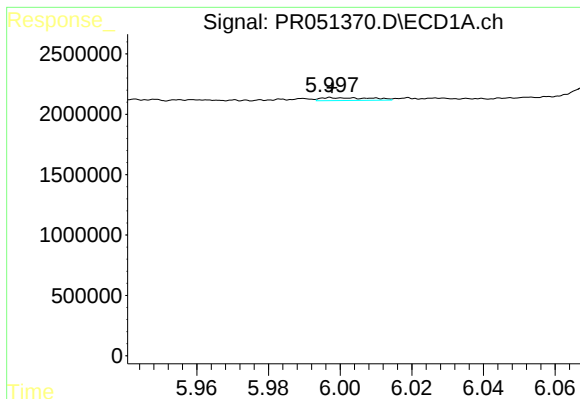
#18 AR-1242-3

R.T.: 5.874 min
Delta R.T.: -0.023 min
Response: 844231
Conc: 3.84 ng/ml



#18 AR-1242-3

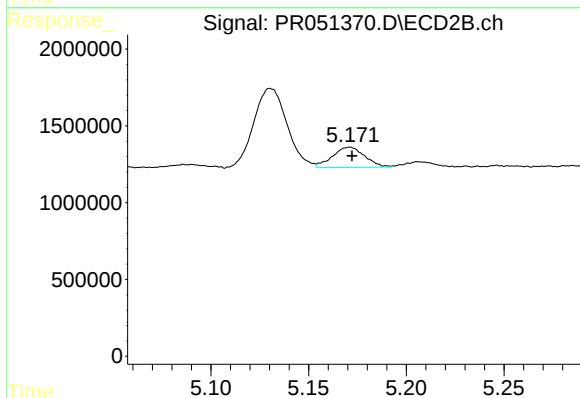
R.T.: 5.086 min
Delta R.T.: -0.003 min
Response: 361165
Conc: 2.26 ng/ml



#19 AR-1242-4

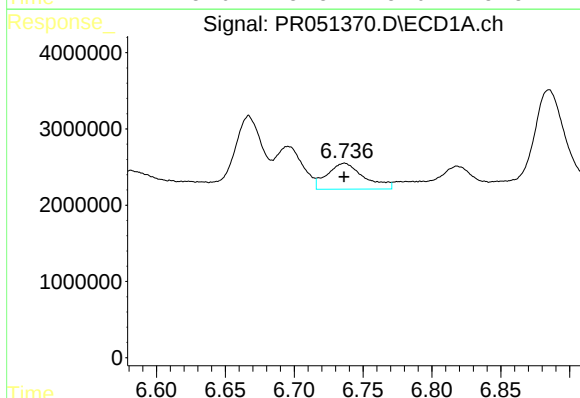
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 229850
Conc: 1.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



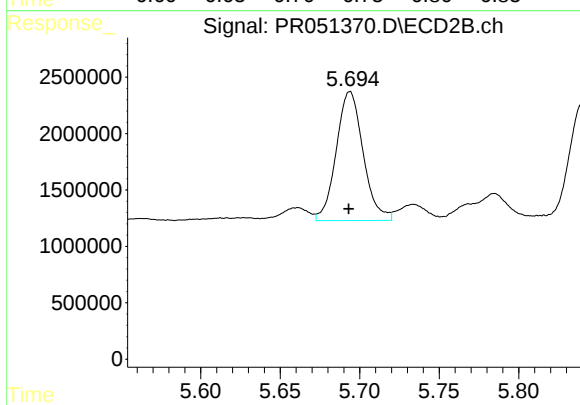
#19 AR-1242-4

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 1523198
Conc: 10.31 ng/ml



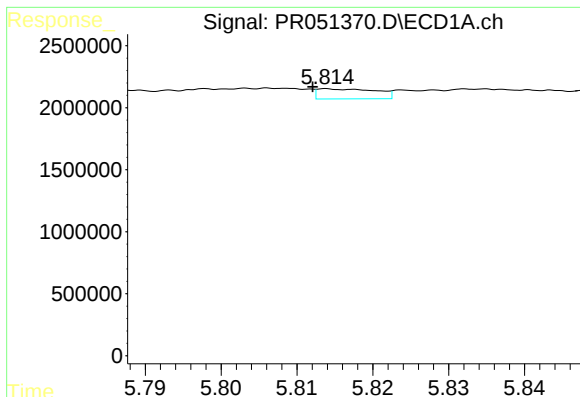
#20 AR-1242-5

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 6344127
Conc: 28.98 ng/ml



#20 AR-1242-5

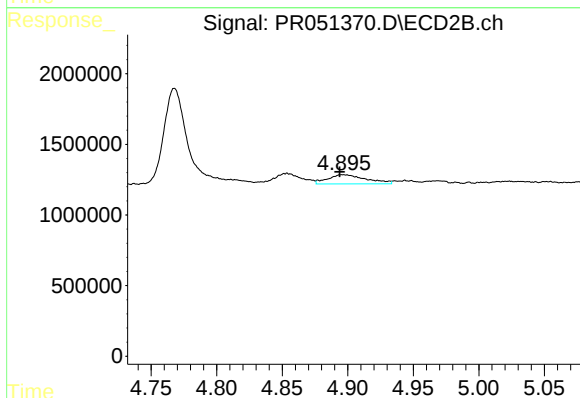
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 13463349
Conc: 67.14 ng/ml



#21 AR-1248-1

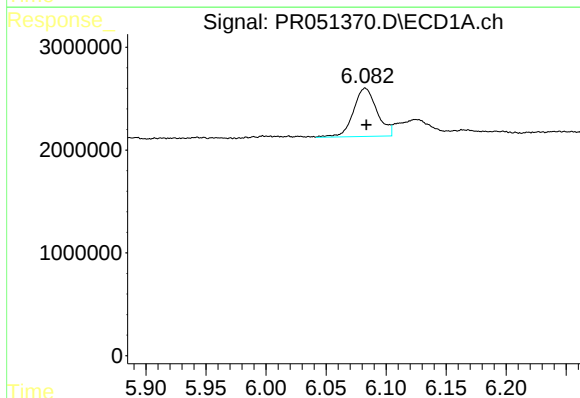
R.T.: 5.814 min
Delta R.T.: 0.002 min
Response: 436986
Conc: 2.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



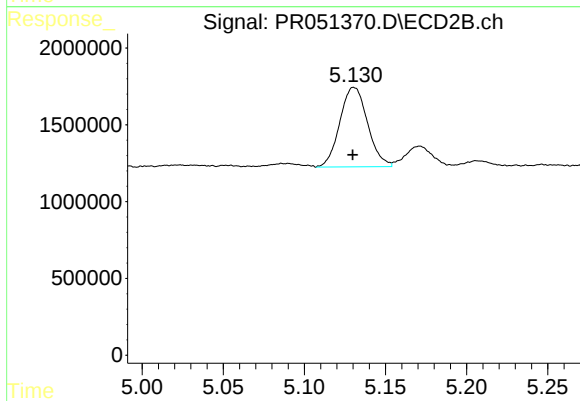
#21 AR-1248-1

R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 1322602
Conc: 7.75 ng/ml



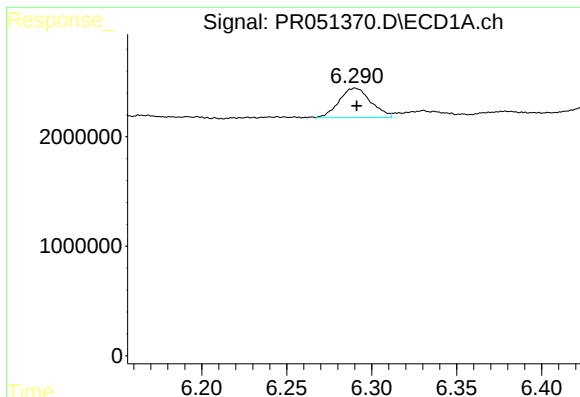
#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 6429489
Conc: 21.96 ng/ml



#22 AR-1248-2

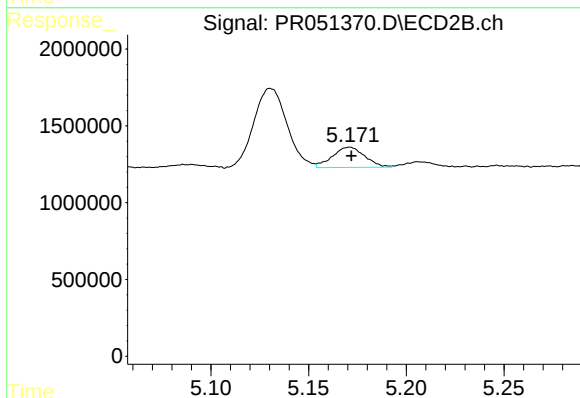
R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 6154998
Conc: 26.87 ng/ml



#23 AR-1248-3

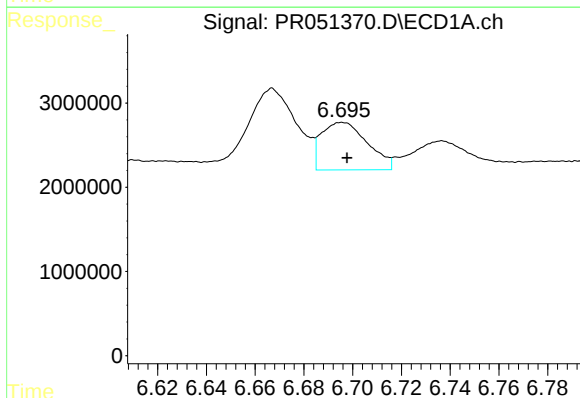
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 3491612
Conc: 10.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



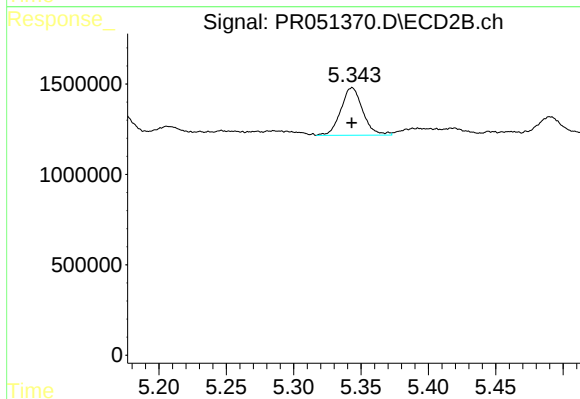
#23 AR-1248-3

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 1523198
Conc: 6.40 ng/ml



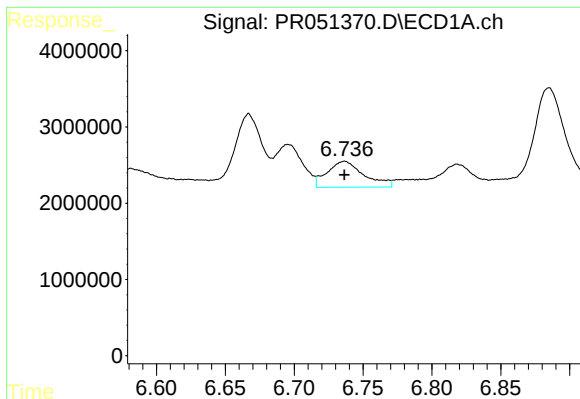
#24 AR-1248-4

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 7393278
Conc: 17.78 ng/ml



#24 AR-1248-4

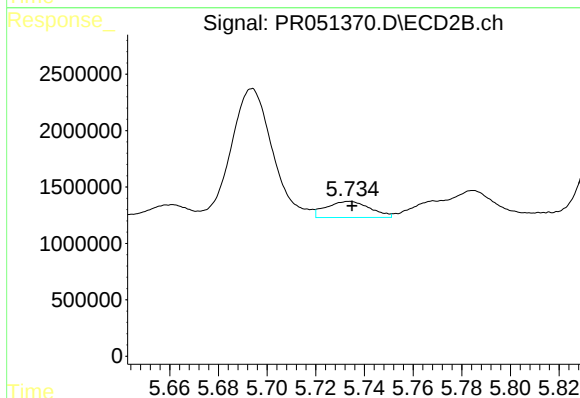
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 2978671
Conc: 10.38 ng/ml



#25 AR-1248-5

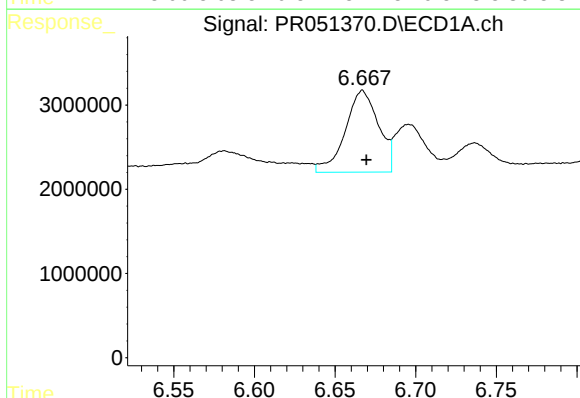
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 6344127
Conc: 15.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



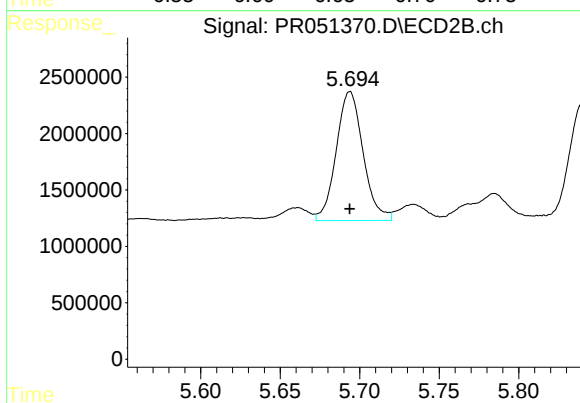
#25 AR-1248-5

R.T.: 5.734 min
Delta R.T.: -0.001 min
Response: 1773432
Conc: 5.79 ng/ml



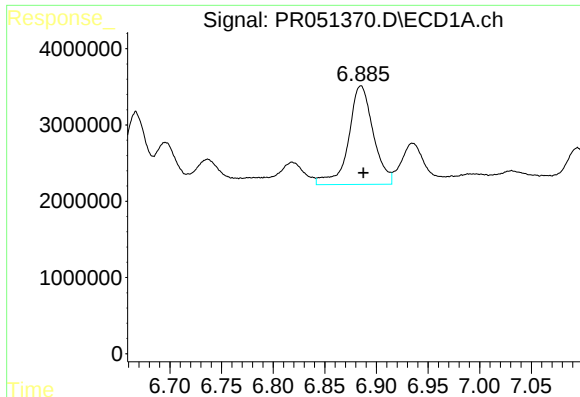
#26 AR-1254-1

R.T.: 6.667 min
Delta R.T.: -0.002 min
Response: 13906987
Conc: 39.24 ng/ml



#26 AR-1254-1

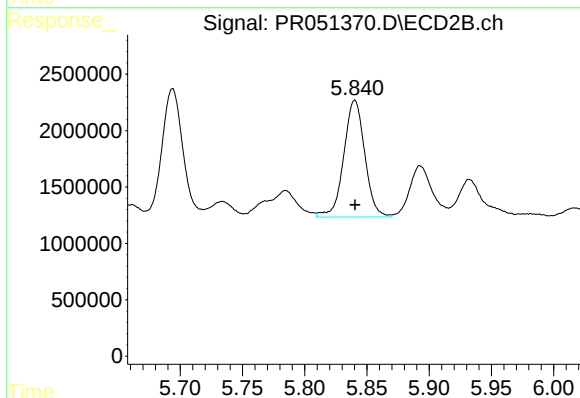
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 13463349
Conc: 32.78 ng/ml



#27 AR-1254-2

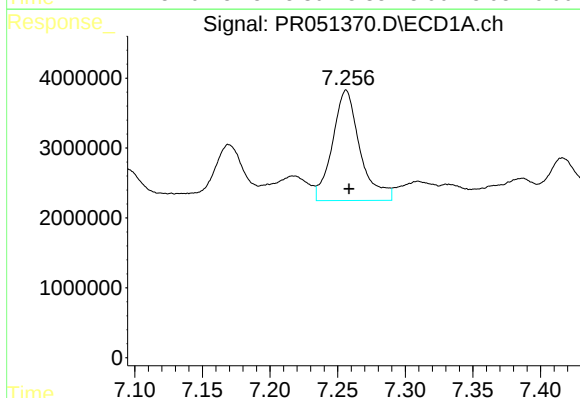
R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 21501586
Conc: 38.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



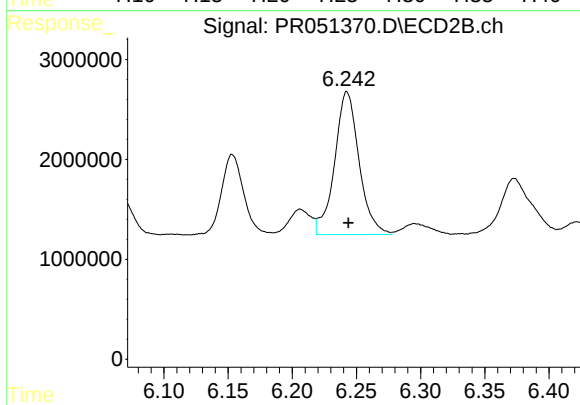
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 12184561
Conc: 35.03 ng/ml



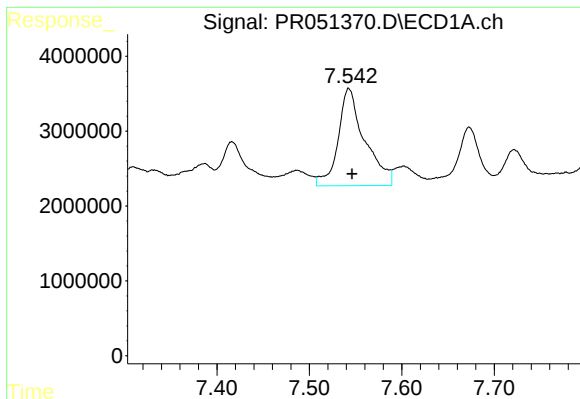
#28 AR-1254-3

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 22365495
Conc: 37.36 ng/ml



#28 AR-1254-3

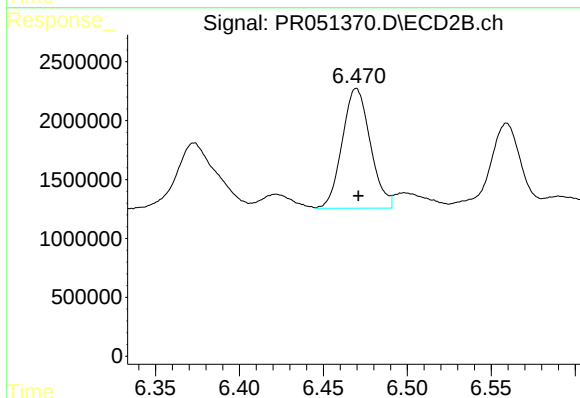
R.T.: 6.243 min
Delta R.T.: -0.001 min
Response: 18953669
Conc: 31.45 ng/ml



#29 AR-1254-4

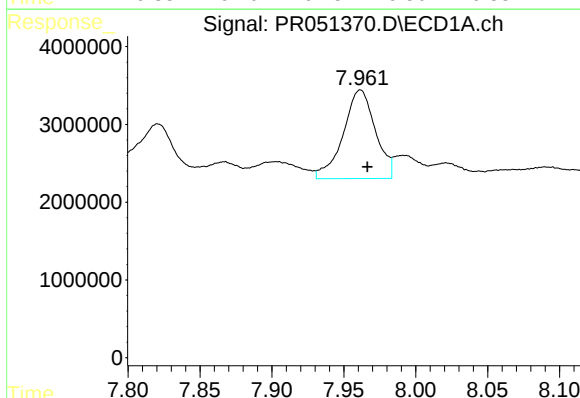
R.T.: 7.543 min
Delta R.T.: -0.003 min
Response: 25991948
Conc: 52.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



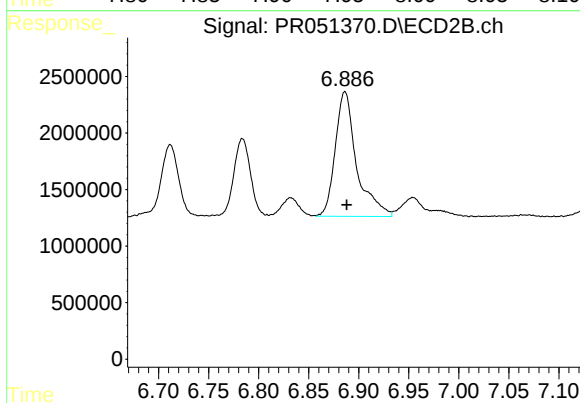
#29 AR-1254-4

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 11836079
Conc: 31.52 ng/ml



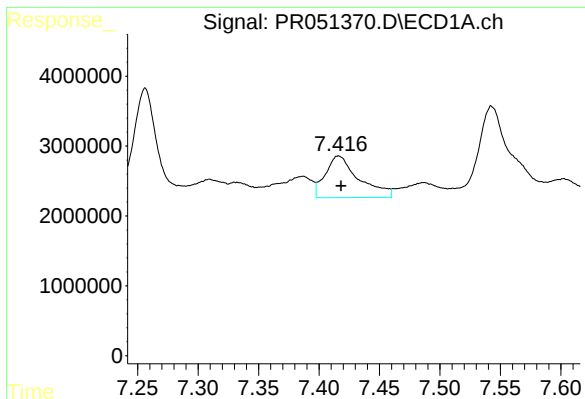
#30 AR-1254-5

R.T.: 7.962 min
Delta R.T.: -0.005 min
Response: 17780365
Conc: 37.53 ng/ml



#30 AR-1254-5

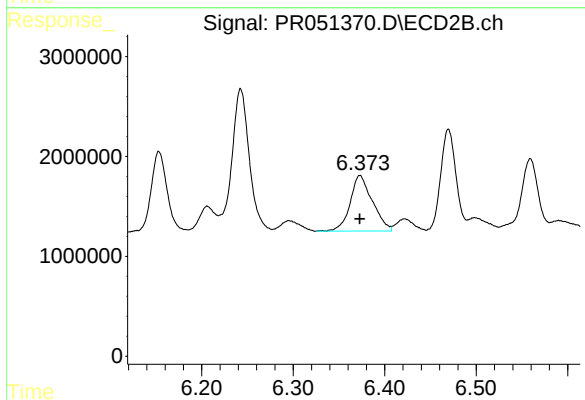
R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 16406870
Conc: 31.76 ng/ml



#31 AR-1260-1

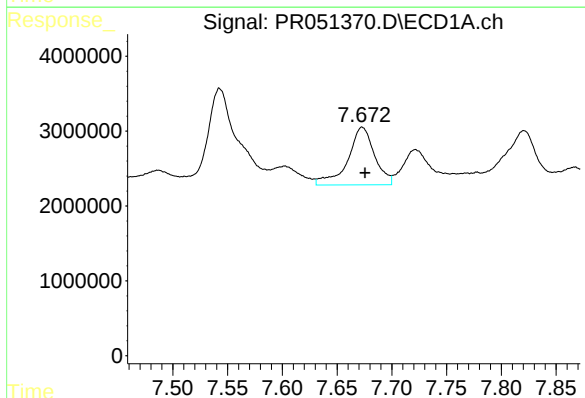
R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 11543379
Conc: 24.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



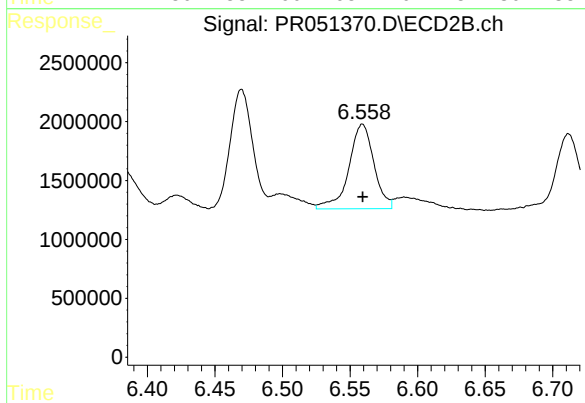
#31 AR-1260-1

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 9391602
Conc: 22.79 ng/ml



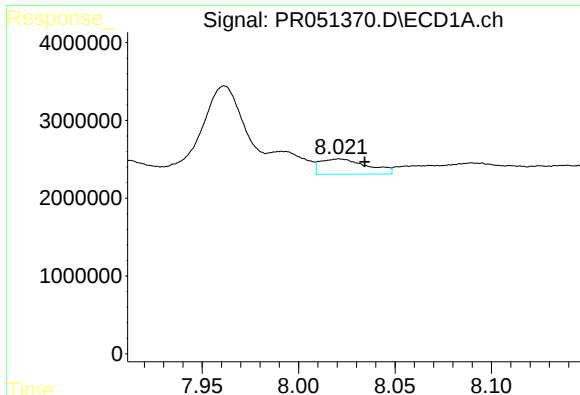
#32 AR-1260-2

R.T.: 7.673 min
Delta R.T.: -0.002 min
Response: 13157011
Conc: 20.83 ng/ml



#32 AR-1260-2

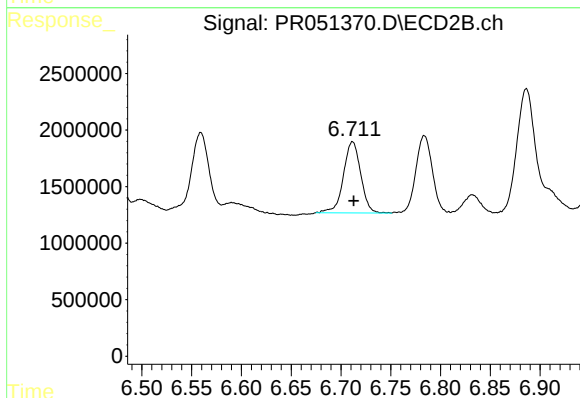
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 9295890
Conc: 18.39 ng/ml



#33 AR-1260-3

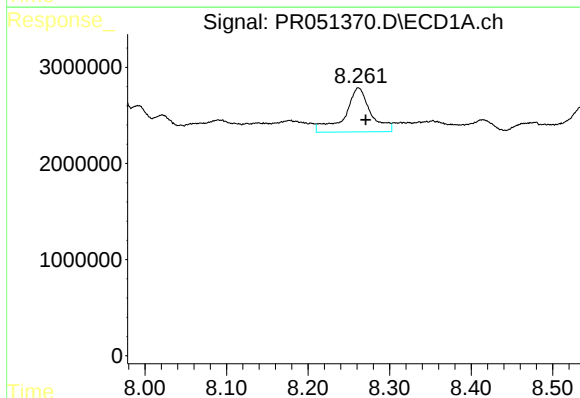
R.T.: 8.021 min
Delta R.T.: -0.013 min
Response: 3309605
Conc: 6.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



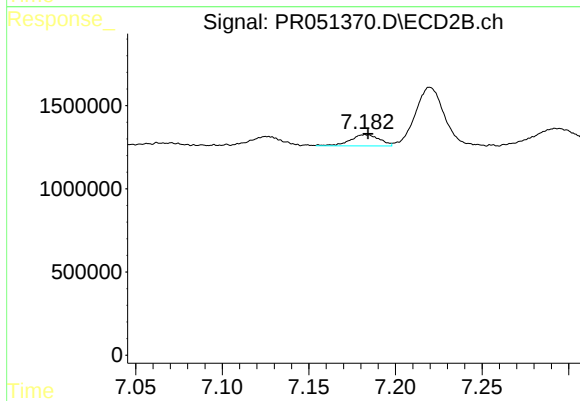
#33 AR-1260-3

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 7594235
Conc: 15.51 ng/ml



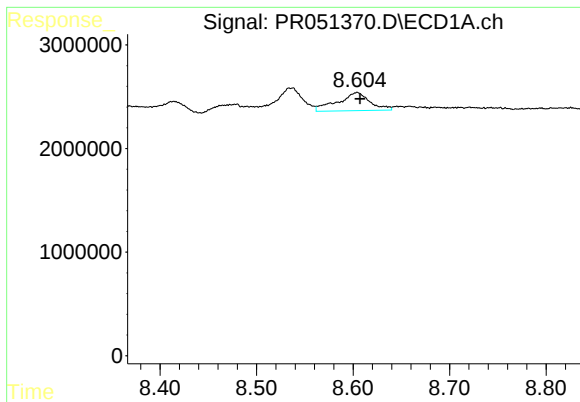
#34 AR-1260-4

R.T.: 8.262 min
Delta R.T.: -0.009 min
Response: 10121967
Conc: 19.76 ng/ml



#34 AR-1260-4

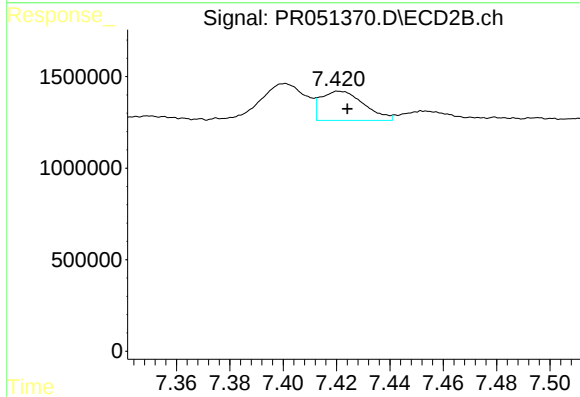
R.T.: 7.183 min
Delta R.T.: -0.001 min
Response: 793399
Conc: 1.94 ng/ml



#35 AR-1260-5

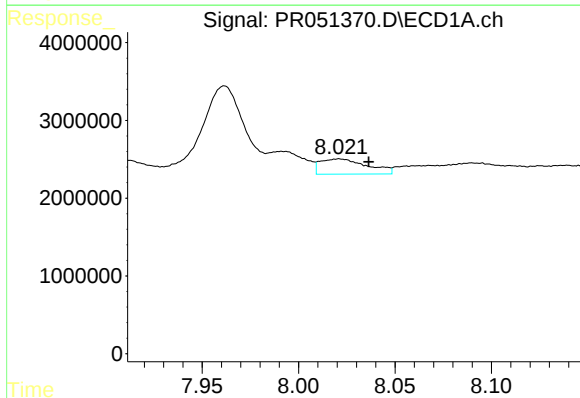
R.T.: 8.604 min
Delta R.T.: -0.003 min
Response: 4071296
Conc: 3.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



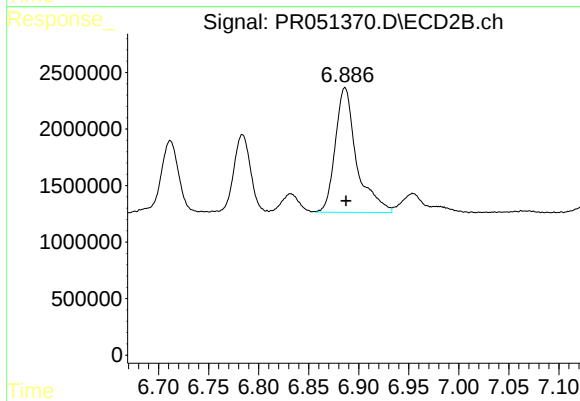
#35 AR-1260-5

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 1789083
Conc: 1.71 ng/ml



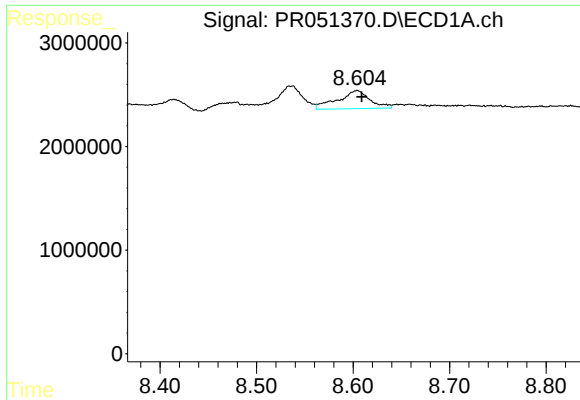
#36 AR-1262-1

R.T.: 8.021 min
Delta R.T.: -0.015 min
Response: 3309605
Conc: 5.04 ng/ml



#36 AR-1262-1

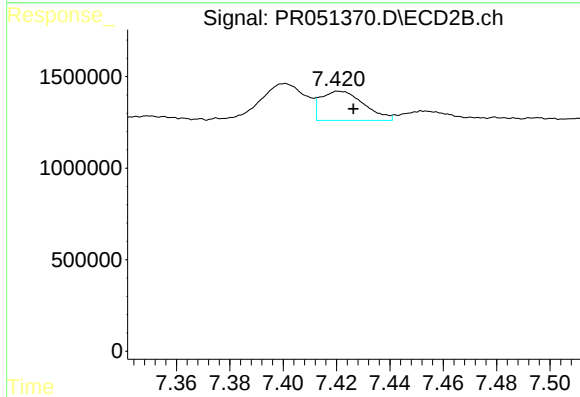
R.T.: 6.886 min
Delta R.T.: -0.001 min
Response: 16406870
Conc: 59.32 ng/ml



#37 AR-1262-2

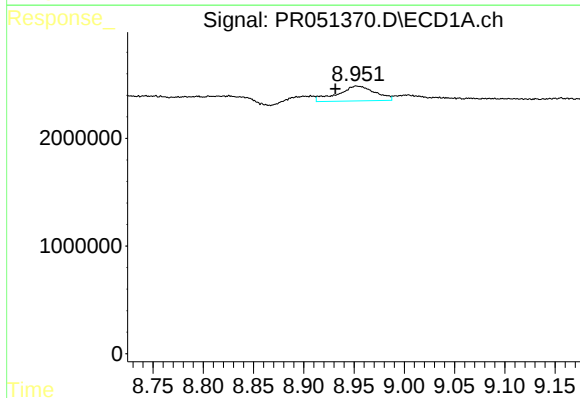
R.T.: 8.604 min
Delta R.T.: -0.005 min
Response: 4071296
Conc: 3.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



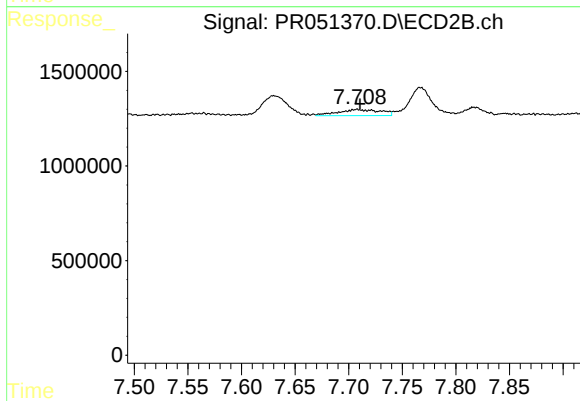
#37 AR-1262-2

R.T.: 7.421 min
Delta R.T.: -0.005 min
Response: 1789083
Conc: 1.76 ng/ml



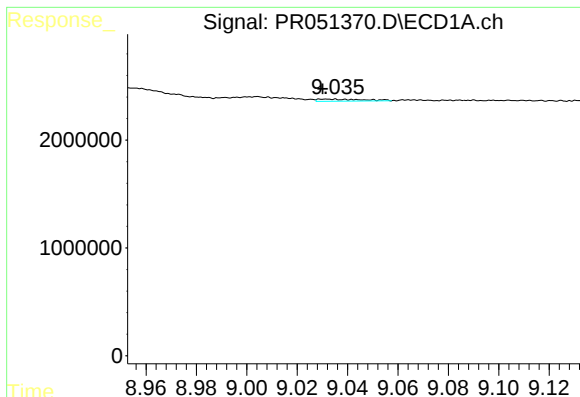
#38 AR-1262-3

R.T.: 8.953 min
Delta R.T.: 0.021 min
Response: 3579373
Conc: 4.69 ng/ml



#38 AR-1262-3

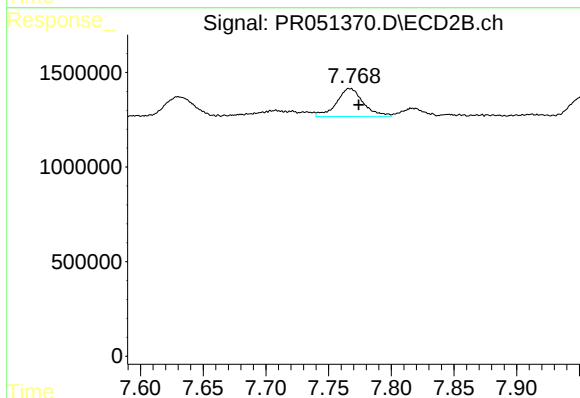
R.T.: 7.708 min
Delta R.T.: -0.003 min
Response: 901089
Conc: 2.45 ng/ml



#39 AR-1262-4

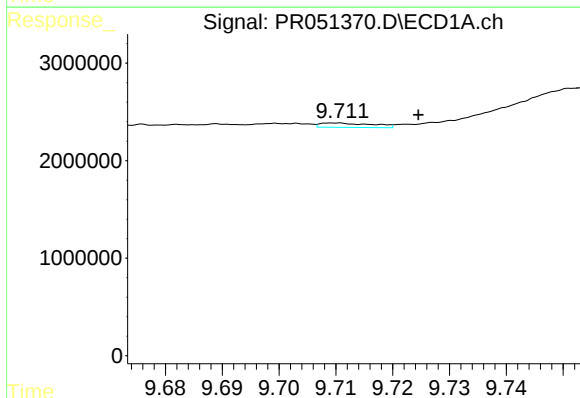
R.T.: 9.031 min
Delta R.T.: 0.000 min
Response: 233310
Conc: 0.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



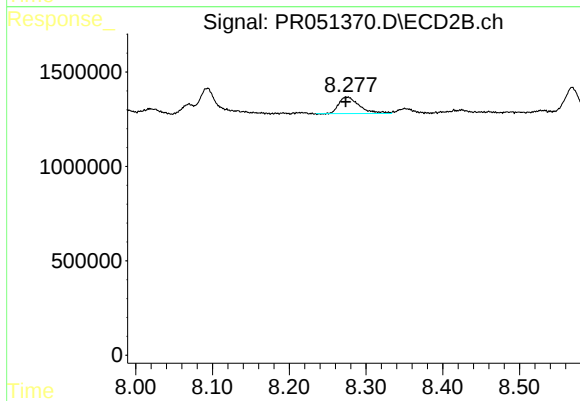
#39 AR-1262-4

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 2200924
Conc: 3.02 ng/ml



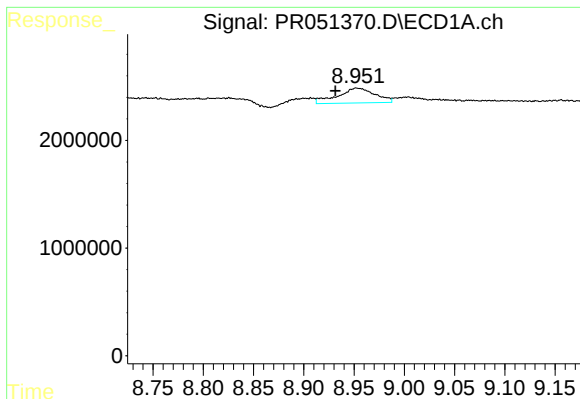
#40 AR-1262-5

R.T.: 9.710 min
Delta R.T.: -0.015 min
Response: 286819
Conc: 0.68 ng/ml



#40 AR-1262-5

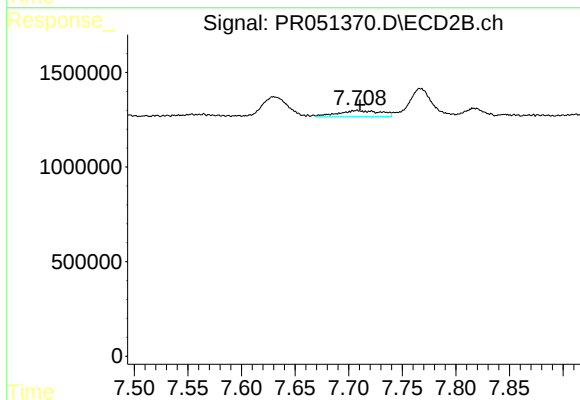
R.T.: 8.275 min
Delta R.T.: 0.001 min
Response: 1636335
Conc: 5.02 ng/ml



#41 AR-1268-1

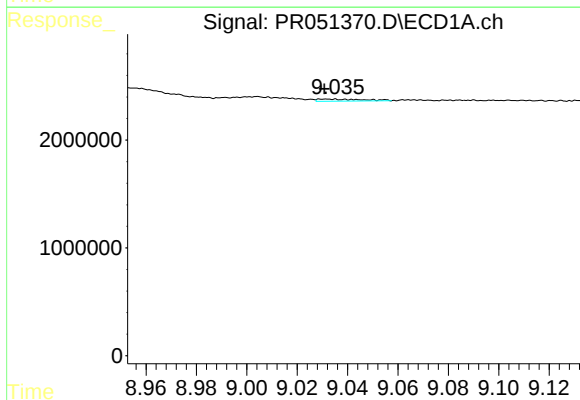
R.T.: 8.953 min
Delta R.T.: 0.021 min
Response: 3579373
Conc: 2.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



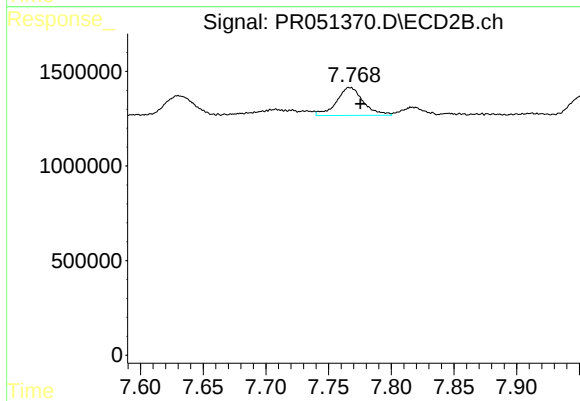
#41 AR-1268-1

R.T.: 7.708 min
Delta R.T.: -0.003 min
Response: 901089
Conc: 0.84 ng/ml



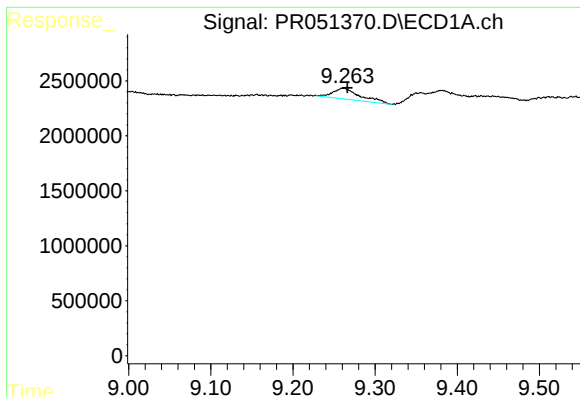
#42 AR-1268-2

R.T.: 9.031 min
Delta R.T.: 0.000 min
Response: 233310
Conc: 0.18 ng/ml



#42 AR-1268-2

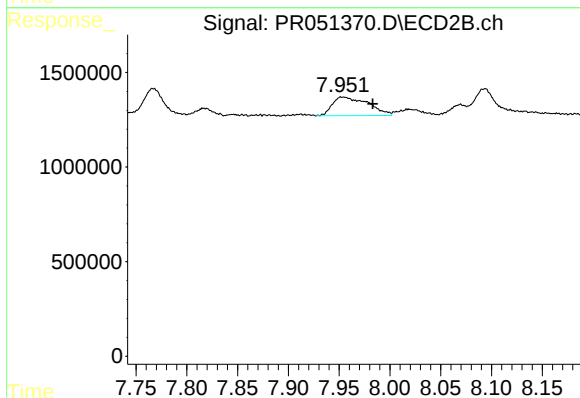
R.T.: 7.767 min
Delta R.T.: -0.008 min
Response: 2200924
Conc: 2.21 ng/ml



#43 AR-1268-3

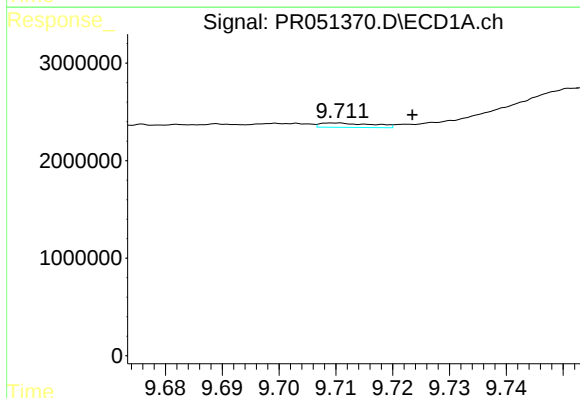
R.T.: 9.262 min
Delta R.T.: -0.005 min
Response: 2278360
Conc: 2.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



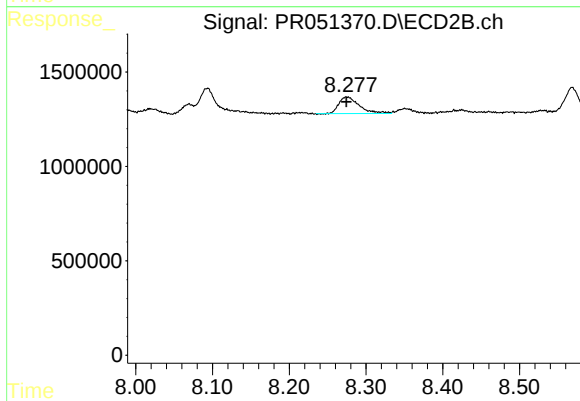
#43 AR-1268-3

R.T.: 7.953 min
Delta R.T.: -0.030 min
Response: 2442423
Conc: 2.97 ng/ml



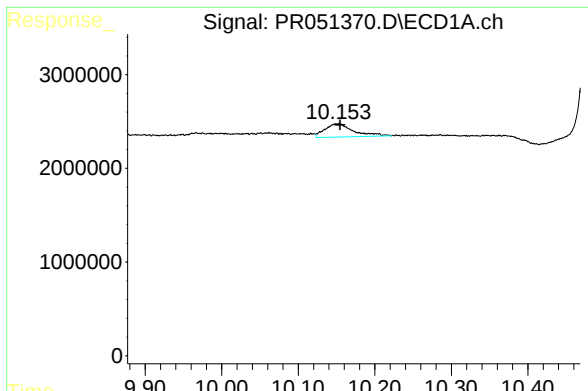
#44 AR-1268-4

R.T.: 9.710 min
Delta R.T.: -0.013 min
Response: 286819
Conc: 0.63 ng/ml



#44 AR-1268-4

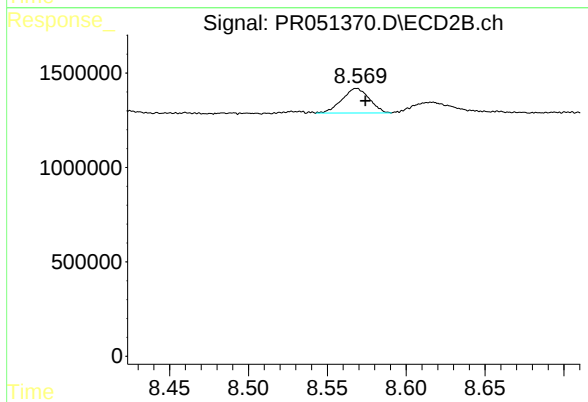
R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 1636335
Conc: 4.61 ng/ml



#45 AR-1268-5

R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 3718001
Conc: 1.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.568 min
Delta R.T.: -0.006 min
Response: 1582714
Conc: 0.57 ng/ml