

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112921\
 Data File : PR052720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 00:50
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:36:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 29 22:45:34 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...	4.686	3.854	68759459	56807603	20.860	20.805
2)	SA Decachlor...	10.618	8.857	76054886	73185338	23.467	22.641
Target Compounds							
3)	L1 AR-1016-1	5.872	4.933	2363950	1901583	19.125	19.567
4)	L1 AR-1016-2	5.895	4.952	3523514	2884390	20.348	19.891
5)	L1 AR-1016-3	5.959	5.127	2088417	1504804	19.254	19.446
6)	L1 AR-1016-4	6.061	5.169	1633816	1333190	18.459	21.052
7)	L1 AR-1016-5	6.355	5.381	1730229	1710872	19.196	21.127
8)	L2 AR-1221-1	4.895	0.000	171272	0	4.194	N.D. #
9)	L2 AR-1221-2	4.998	4.153	1379068	927038	40.945	36.053
10)	L2 AR-1221-3	5.069	4.226	1460895	1030397	15.852	12.947
11)	L3 AR-1232-1	5.069	4.226	1460895	1030397	18.680	15.430
12)	L3 AR-1232-2	5.604	4.952	1709657	2884390	40.920	45.064
13)	L3 AR-1232-3	5.895	5.127	3523514	1504804	45.943	43.727
14)	L3 AR-1232-4	6.061	5.210	1633816	1469656	41.290	47.571
15)	L3 AR-1232-5	6.143	5.381	1616617	1710872	50.951	51.915
16)	L4 AR-1242-1	5.872	4.933	2363950	1901583	24.664	26.324
17)	L4 AR-1242-2	5.895	4.952	3523514	2884390	27.289	26.423
18)	L4 AR-1242-3	5.959	5.127	2088417	1504804	25.227	25.380
19)	L4 AR-1242-4	6.061	5.210	1633816	1469656	23.964	25.386
20)	L4 AR-1242-5	6.798	5.727	2011021	1848743	27.003	26.155
21)	L5 AR-1248-1	5.872	4.933	2363950	1901583	33.168	33.201
22)	L5 AR-1248-2	6.143	5.169	1616617	1333190	15.919	16.788
23)	L5 AR-1248-3	6.355	5.210	1730229	1469656	15.356	17.433
24)	L5 AR-1248-4	6.759	5.381	1829360	1710872	14.441	17.252
25)	L5 AR-1248-5	6.798	5.770	2011021	1526408	16.481	15.624
26)	L6 AR-1254-1	6.729	5.727	1390716	1848743	10.596	12.194
27)	L6 AR-1254-2	6.961	5.875	1681184	513818	8.309	3.918 #
28)	L6 AR-1254-3	7.320	6.276	677256	745599	3.195	3.378
29)	L6 AR-1254-4	7.605	6.501	867829	400177	5.495	2.938 #
30)	L6 AR-1254-5	8.025	6.914	348495	226111	1.977	1.088 #
31)	L7 AR-1260-1	7.486	6.397	151919	74390	0.978	0.523 #
32)	L7 AR-1260-2	7.743	6.596	711575	498872	3.813	2.874
33)	L7 AR-1260-3	0.000	6.720f	0	390608	N.D.	2.315 #
35)	L7 AR-1260-5	0.000	7.442	0	572194	N.D.	1.562 #
36)	L8 AR-1262-1	0.000	6.914	0	226111	N.D.	2.087 #
37)	L8 AR-1262-2	0.000	7.442	0	572194	N.D.	1.471 #
39)	L8 AR-1262-4	0.000	7.791	0	111398	N.D.	0.369 #
40)	L8 AR-1262-5	9.842f	8.301	1856718	197137	13.273	1.364 #
42)	L9 AR-1268-2	0.000	7.791	0	111398	N.D.	0.250 #
43)	L9 AR-1268-3	9.348	7.990f	293480	718700	0.832	1.861 #
44)	L9 AR-1268-4	9.842f	8.301	1856718	197137	11.645	1.209 #

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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
45) L9	AR-1268-5	10.257	8.596	955837	812698	0.823	0.652

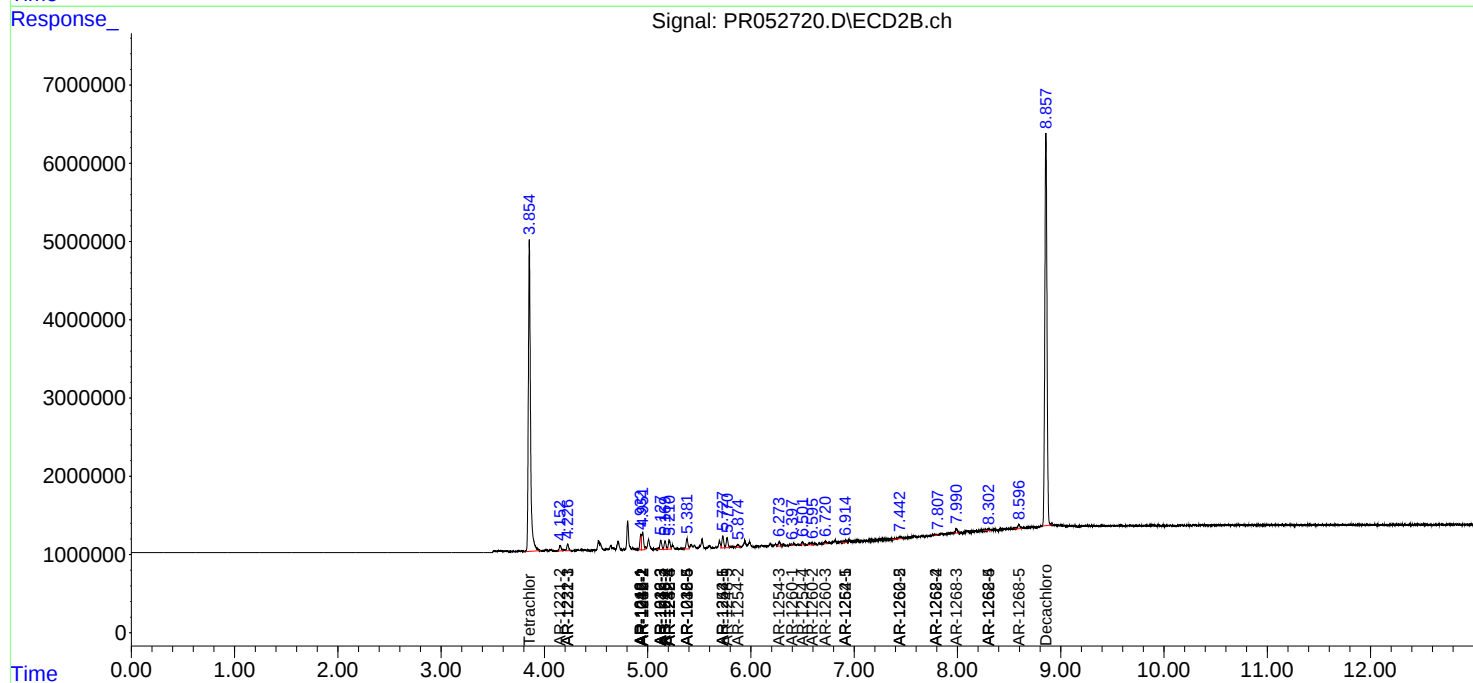
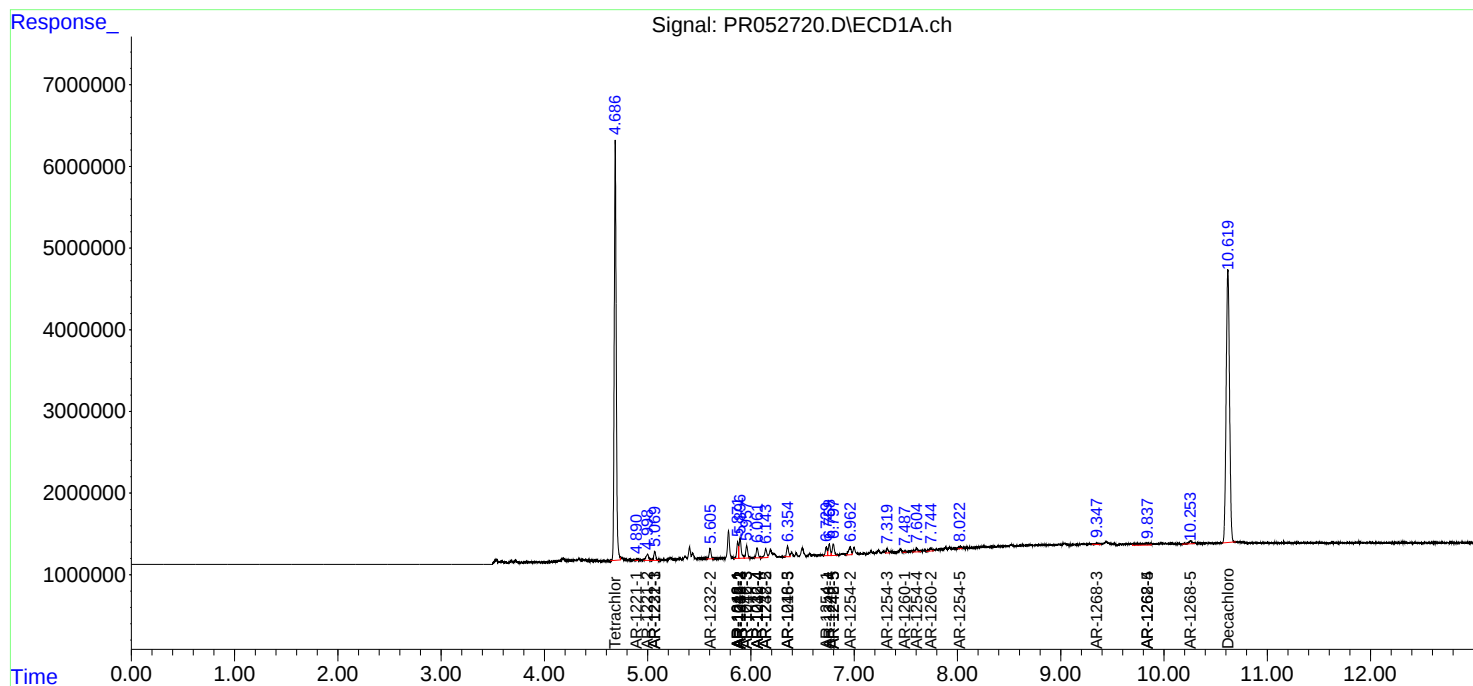
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

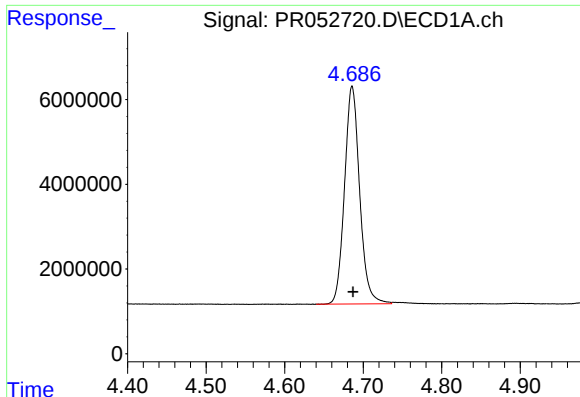
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112921\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

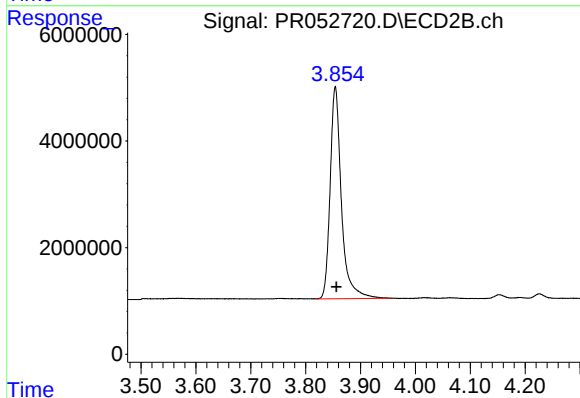




#1 Tetrachloro-m-xylene

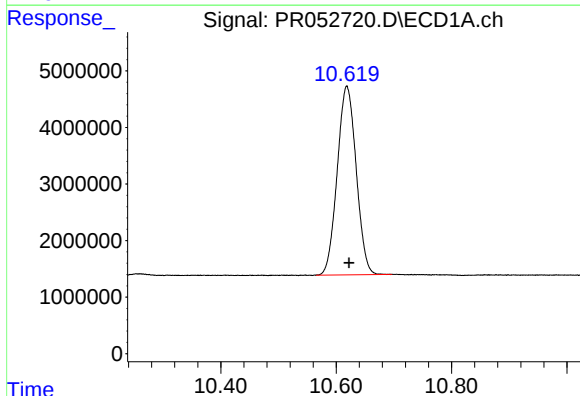
R.T.: 4.686 min
Delta R.T.: -0.001 min
Response: 68759459
Conc: 20.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



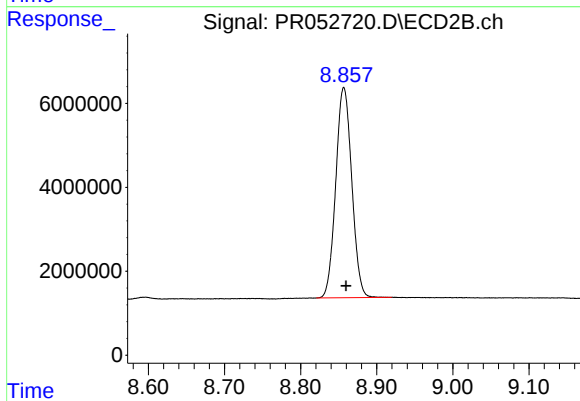
#1 Tetrachloro-m-xylene

R.T.: 3.854 min
Delta R.T.: -0.002 min
Response: 56807603
Conc: 20.80 ng/ml



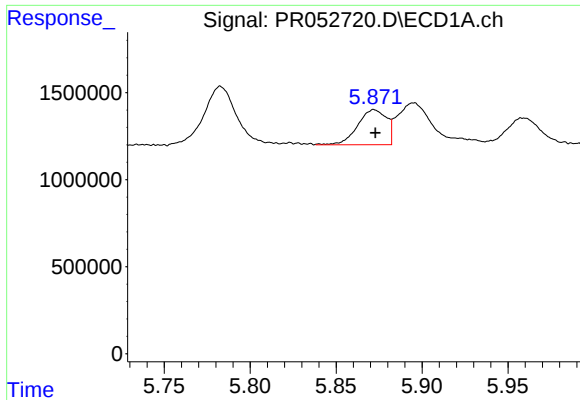
#2 Decachlorobiphenyl

R.T.: 10.618 min
Delta R.T.: -0.004 min
Response: 76054886
Conc: 23.47 ng/ml



#2 Decachlorobiphenyl

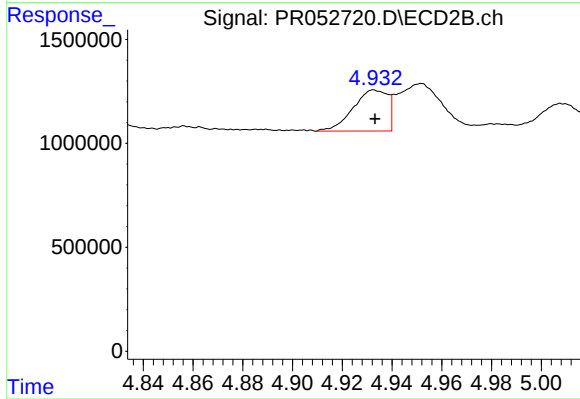
R.T.: 8.857 min
Delta R.T.: -0.003 min
Response: 73185338
Conc: 22.64 ng/ml



#3 AR-1016-1

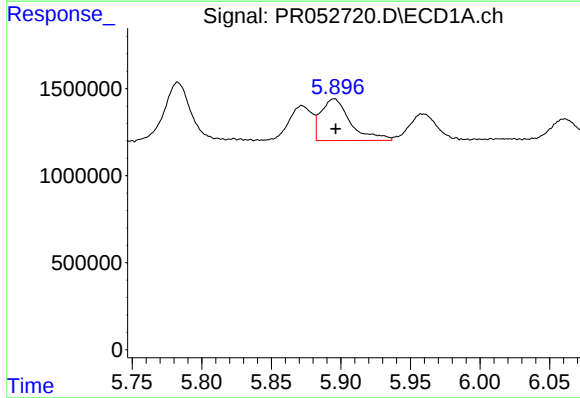
R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 2363950
Conc: 19.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



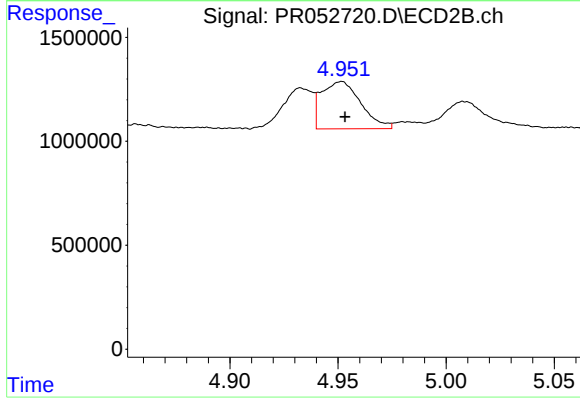
#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 1901583
Conc: 19.57 ng/ml



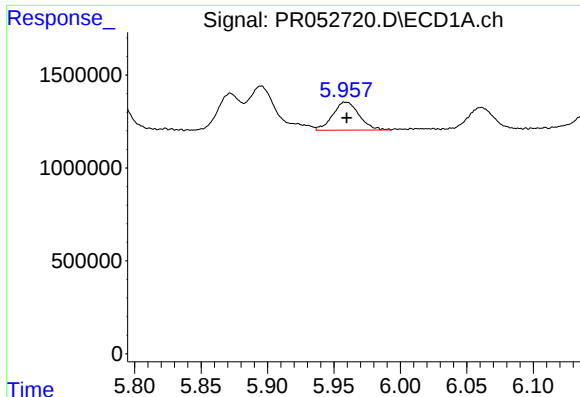
#4 AR-1016-2

R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 3523514
Conc: 20.35 ng/ml



#4 AR-1016-2

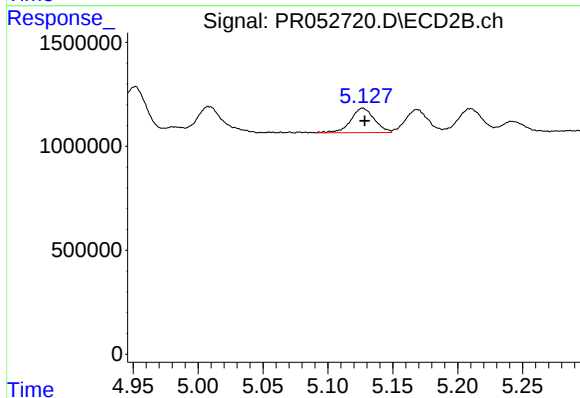
R.T.: 4.952 min
Delta R.T.: -0.001 min
Response: 2884390
Conc: 19.89 ng/ml



#5 AR-1016-3

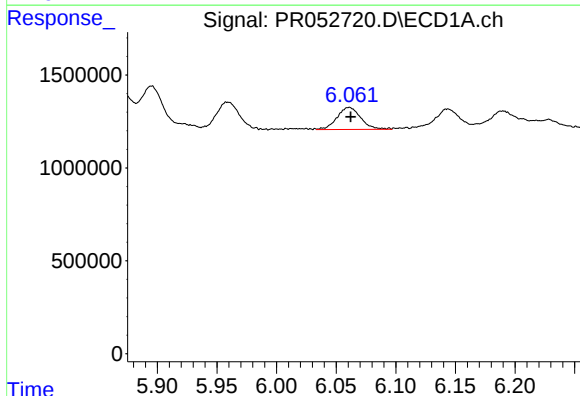
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 2088417
Conc: 19.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



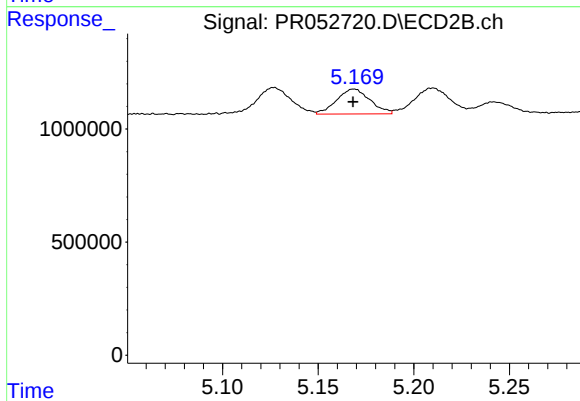
#5 AR-1016-3

R.T.: 5.127 min
Delta R.T.: -0.001 min
Response: 1504804
Conc: 19.45 ng/ml



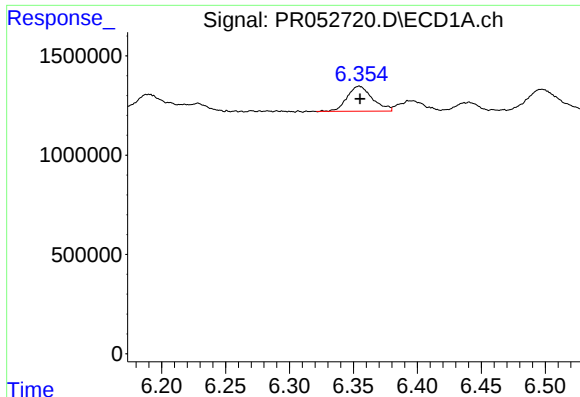
#6 AR-1016-4

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 1633816
Conc: 18.46 ng/ml



#6 AR-1016-4

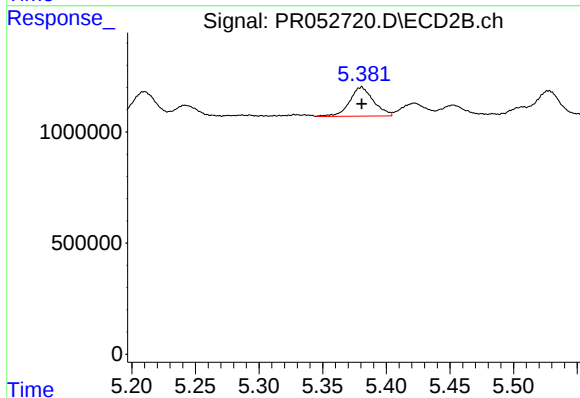
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 1333190
Conc: 21.05 ng/ml



#7 AR-1016-5

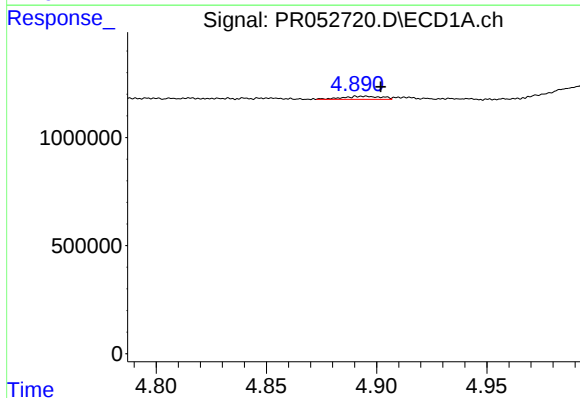
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 1730229
Conc: 19.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



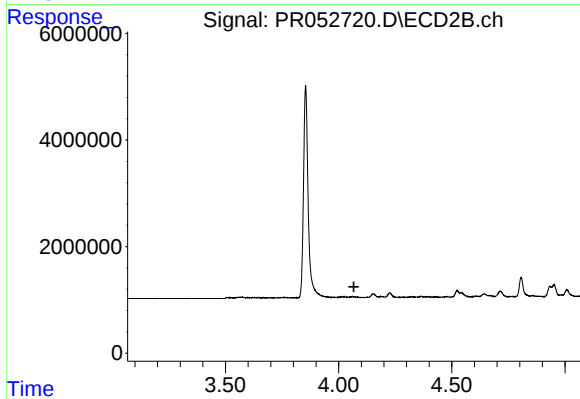
#7 AR-1016-5

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 1710872
Conc: 21.13 ng/ml



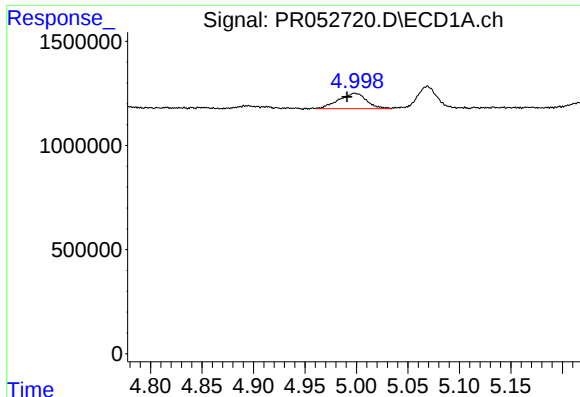
#8 AR-1221-1

R.T.: 4.895 min
Delta R.T.: -0.006 min
Response: 171272
Conc: 4.19 ng/ml



#8 AR-1221-1

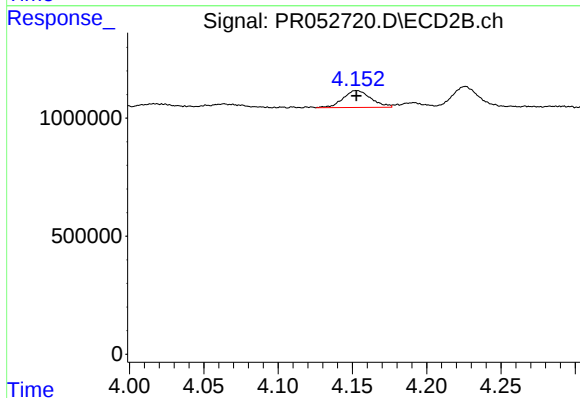
R.T.: 0.000 min
Exp R.T. : 4.067 min
Response: 0
Conc: N.D.



#9 AR-1221-2

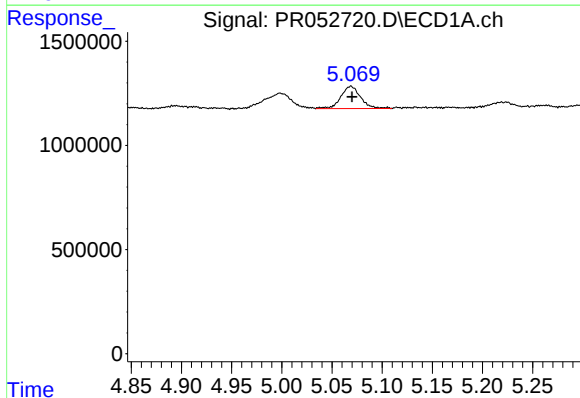
R.T.: 4.998 min
Delta R.T.: 0.007 min
Response: 1379068
Conc: 40.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



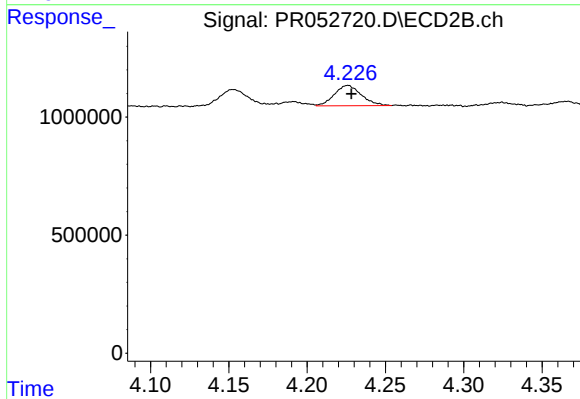
#9 AR-1221-2

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 927038
Conc: 36.05 ng/ml



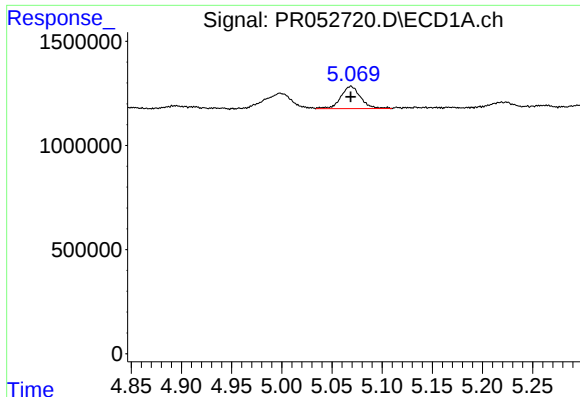
#10 AR-1221-3

R.T.: 5.069 min
Delta R.T.: -0.001 min
Response: 1460895
Conc: 15.85 ng/ml



#10 AR-1221-3

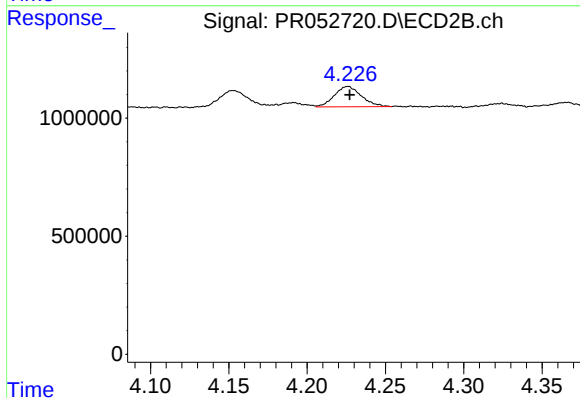
R.T.: 4.226 min
Delta R.T.: -0.002 min
Response: 1030397
Conc: 12.95 ng/ml



#11 AR-1232-1

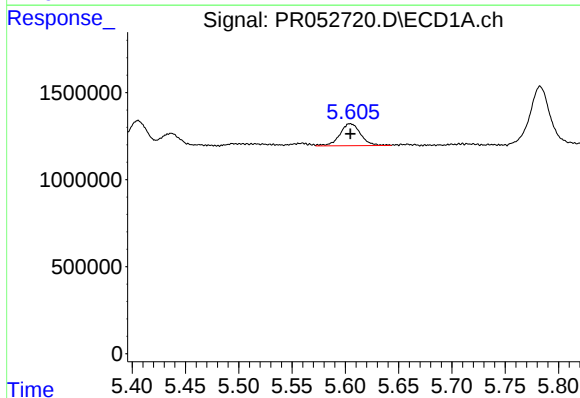
R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 1460895
Conc: 18.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



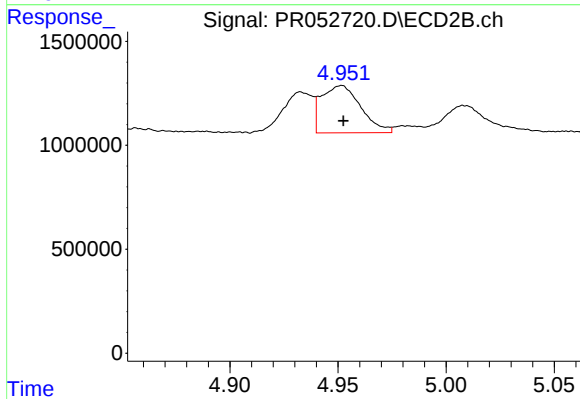
#11 AR-1232-1

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 1030397
Conc: 15.43 ng/ml



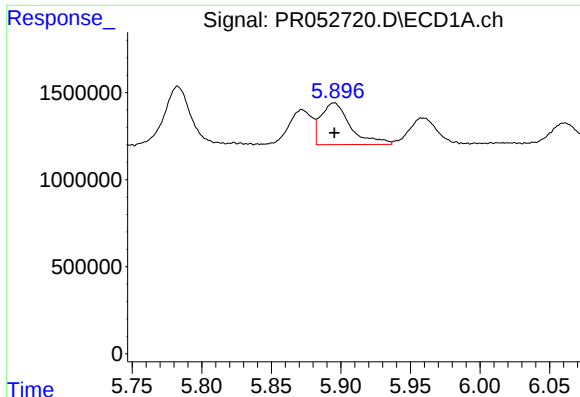
#12 AR-1232-2

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 1709657
Conc: 40.92 ng/ml



#12 AR-1232-2

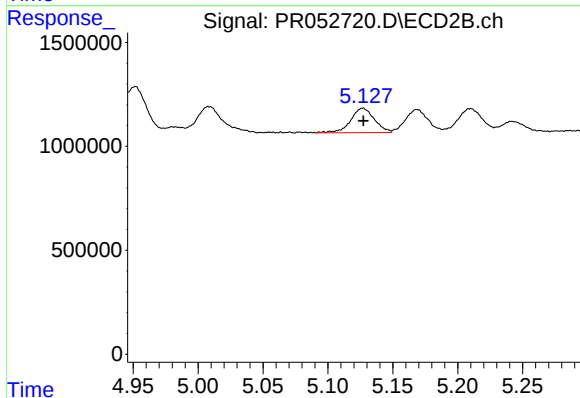
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 2884390
Conc: 45.06 ng/ml



#13 AR-1232-3

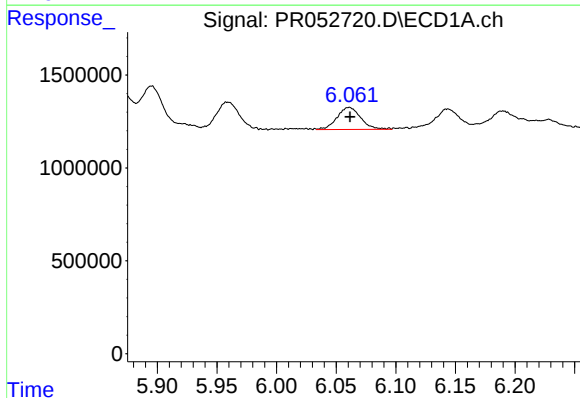
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 3523514
Conc: 45.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



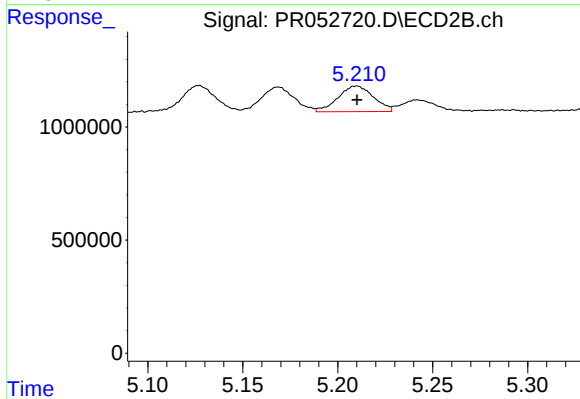
#13 AR-1232-3

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 1504804
Conc: 43.73 ng/ml



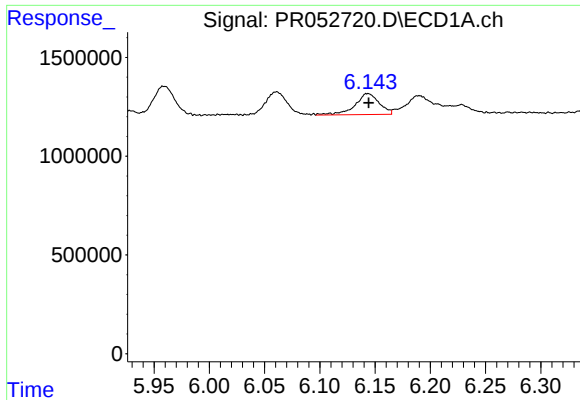
#14 AR-1232-4

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 1633816
Conc: 41.29 ng/ml



#14 AR-1232-4

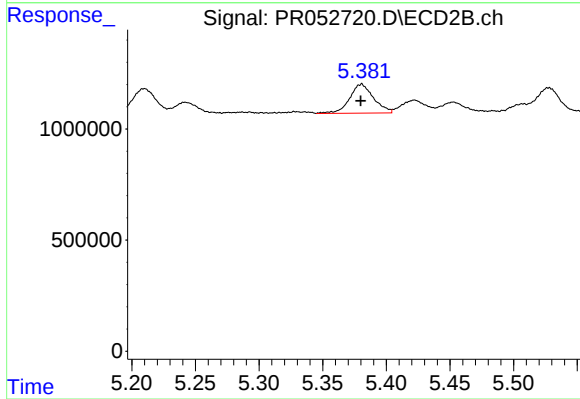
R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 1469656
Conc: 47.57 ng/ml



#15 AR-1232-5

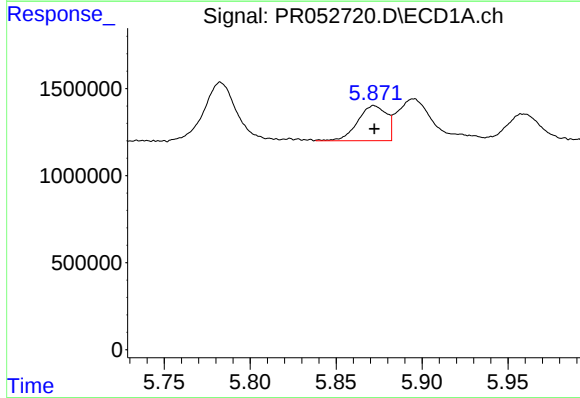
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 1616617
Conc: 50.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



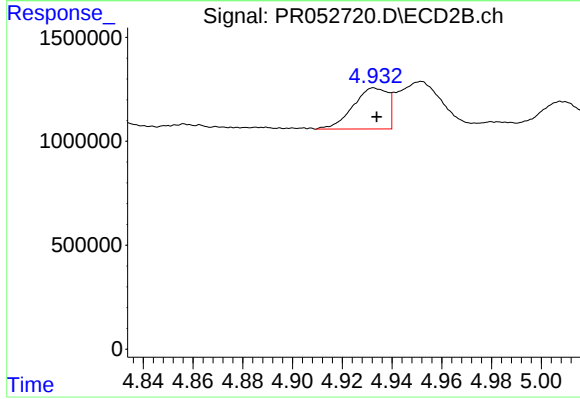
#15 AR-1232-5

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 1710872
Conc: 51.91 ng/ml



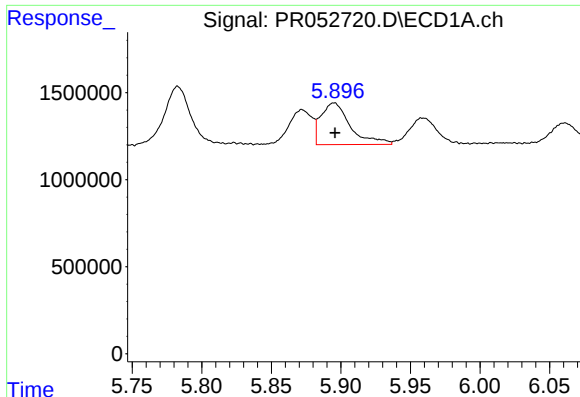
#16 AR-1242-1

R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 2363950
Conc: 24.66 ng/ml



#16 AR-1242-1

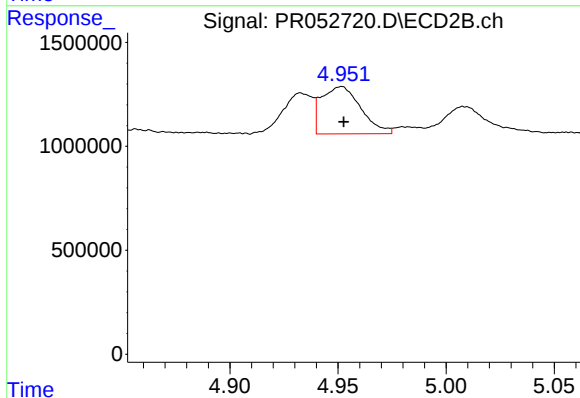
R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 1901583
Conc: 26.32 ng/ml



#17 AR-1242-2

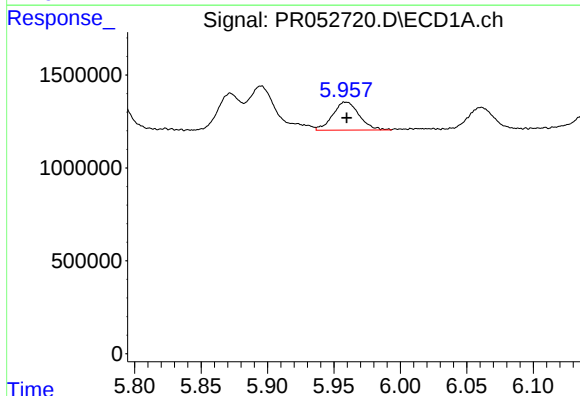
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 3523514
Conc: 27.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



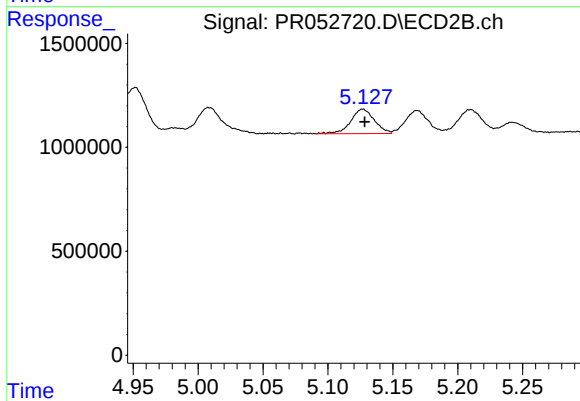
#17 AR-1242-2

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 2884390
Conc: 26.42 ng/ml



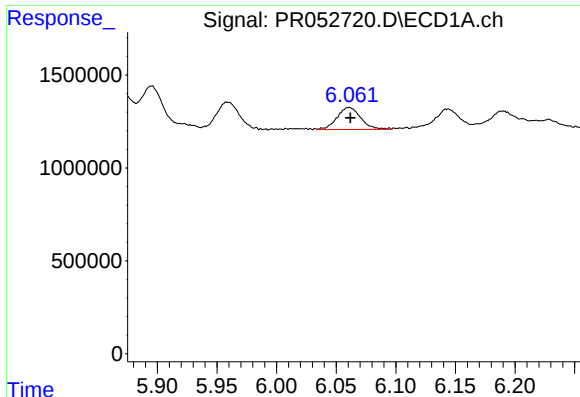
#18 AR-1242-3

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 2088417
Conc: 25.23 ng/ml



#18 AR-1242-3

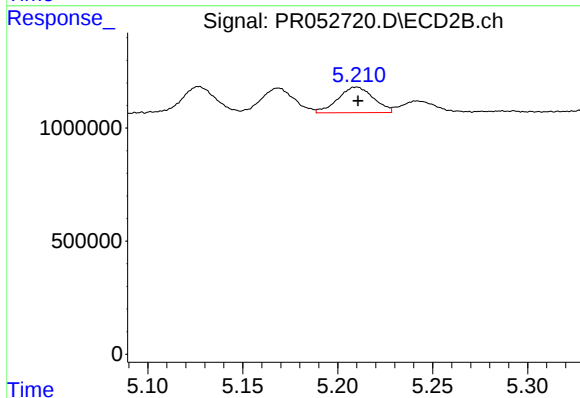
R.T.: 5.127 min
Delta R.T.: -0.001 min
Response: 1504804
Conc: 25.38 ng/ml



#19 AR-1242-4

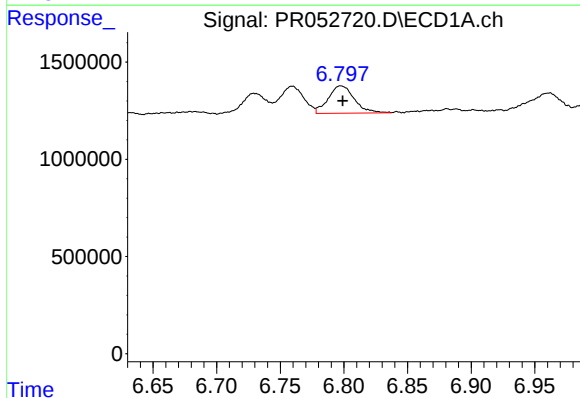
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 1633816
Conc: 23.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



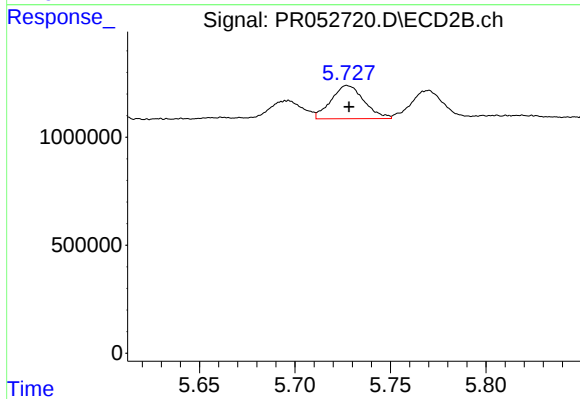
#19 AR-1242-4

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 1469656
Conc: 25.39 ng/ml



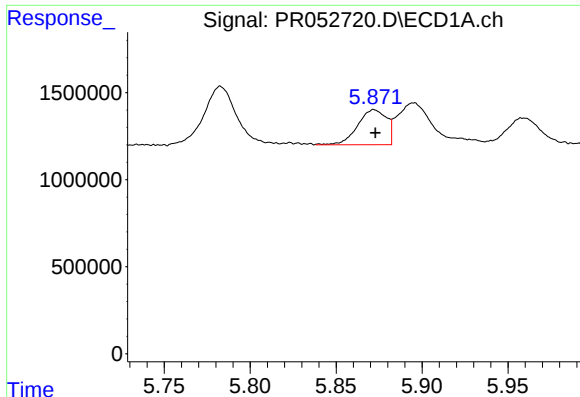
#20 AR-1242-5

R.T.: 6.798 min
Delta R.T.: -0.001 min
Response: 2011021
Conc: 27.00 ng/ml



#20 AR-1242-5

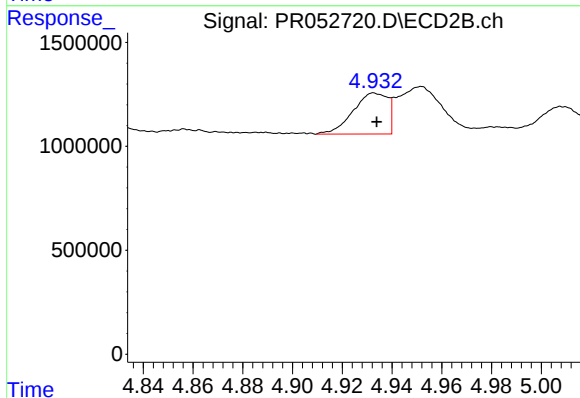
R.T.: 5.727 min
Delta R.T.: -0.001 min
Response: 1848743
Conc: 26.15 ng/ml



#21 AR-1248-1

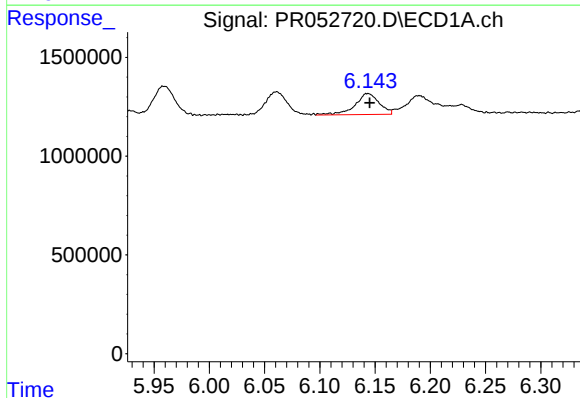
R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 2363950
Conc: 33.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



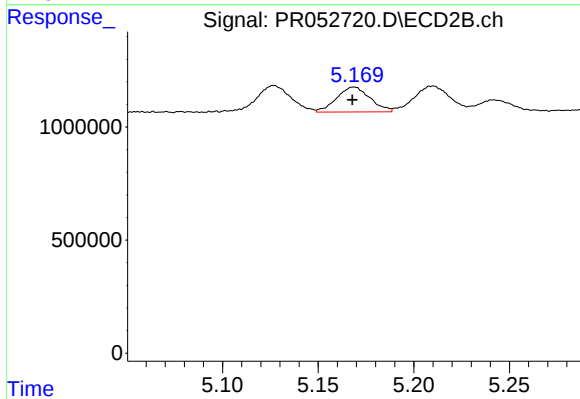
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 1901583
Conc: 33.20 ng/ml



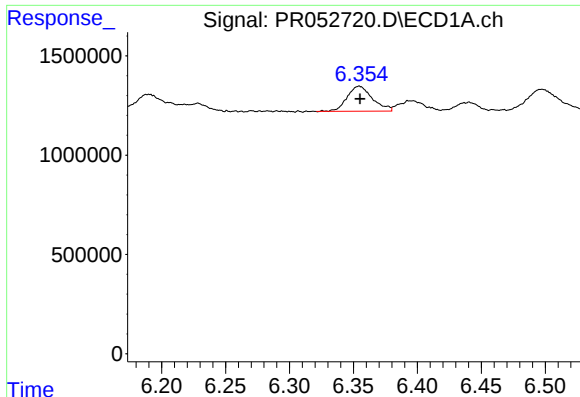
#22 AR-1248-2

R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 1616617
Conc: 15.92 ng/ml



#22 AR-1248-2

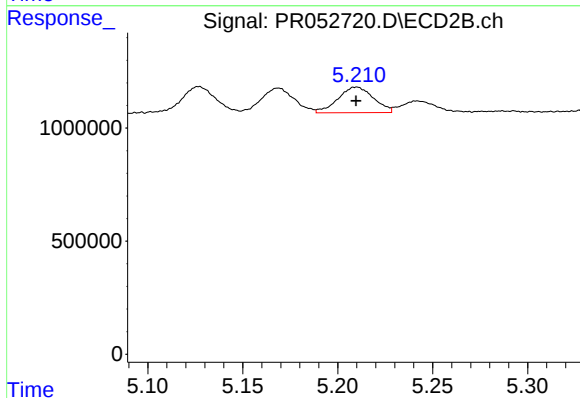
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 1333190
Conc: 16.79 ng/ml



#23 AR-1248-3

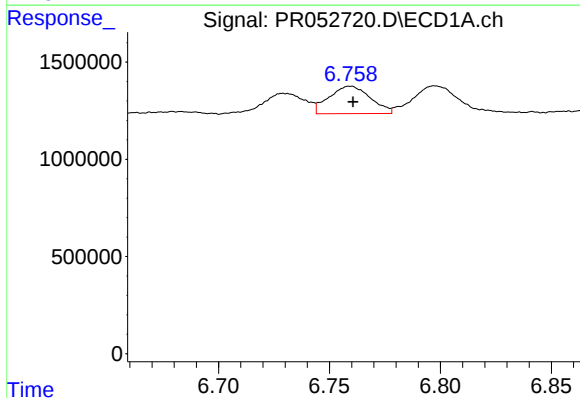
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 1730229
Conc: 15.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



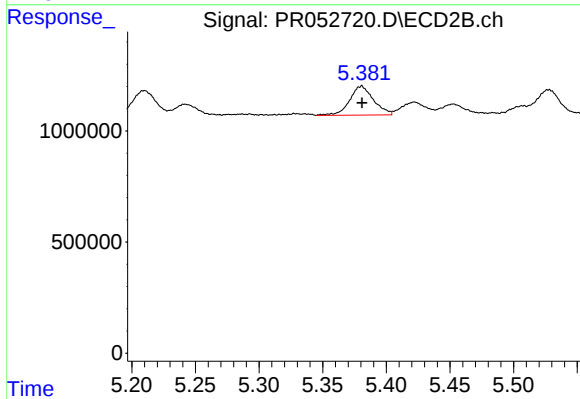
#23 AR-1248-3

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 1469656
Conc: 17.43 ng/ml



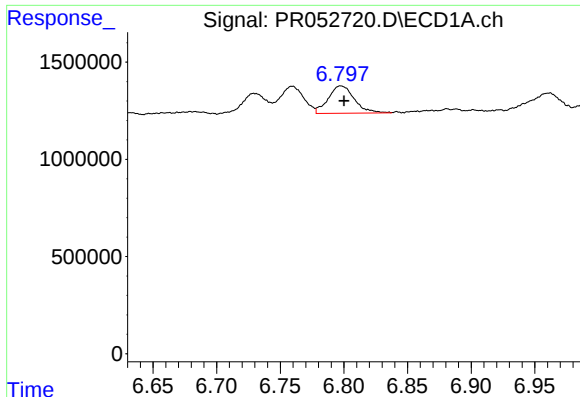
#24 AR-1248-4

R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 1829360
Conc: 14.44 ng/ml



#24 AR-1248-4

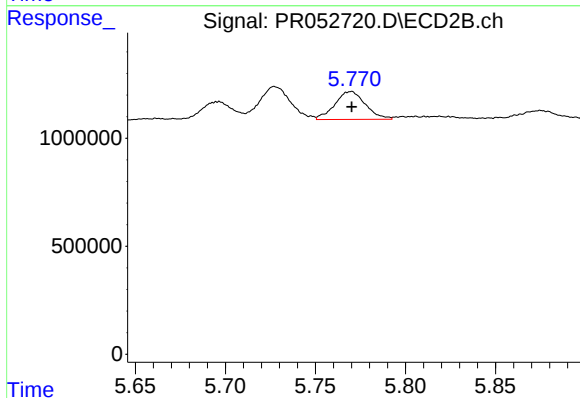
R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 1710872
Conc: 17.25 ng/ml



#25 AR-1248-5

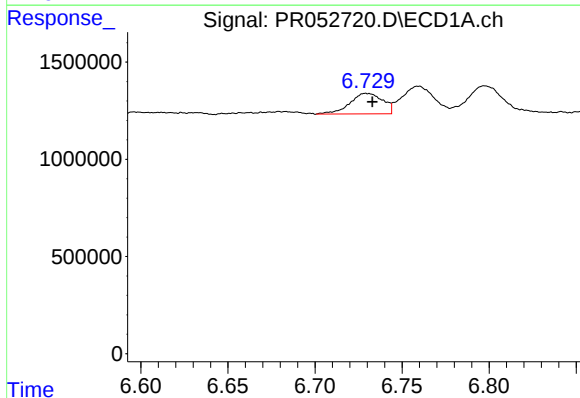
R.T.: 6.798 min
Delta R.T.: -0.002 min
Response: 2011021
Conc: 16.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



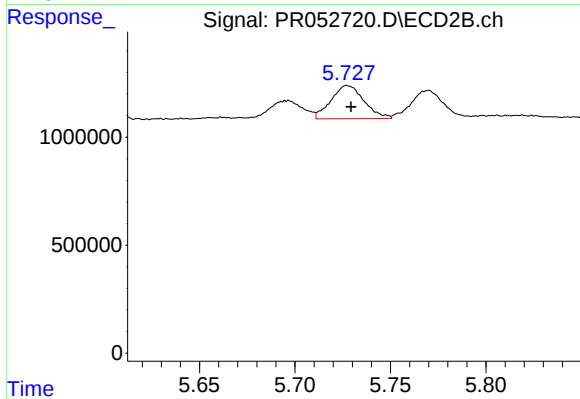
#25 AR-1248-5

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 1526408
Conc: 15.62 ng/ml



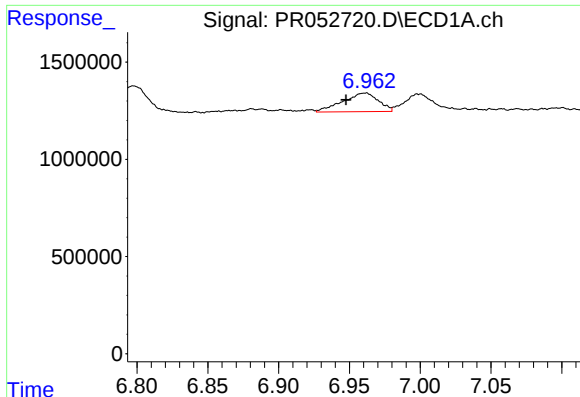
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 1390716
Conc: 10.60 ng/ml



#26 AR-1254-1

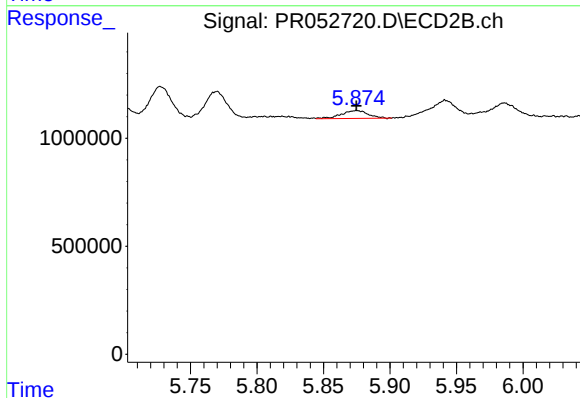
R.T.: 5.727 min
Delta R.T.: -0.002 min
Response: 1848743
Conc: 12.19 ng/ml



#27 AR-1254-2

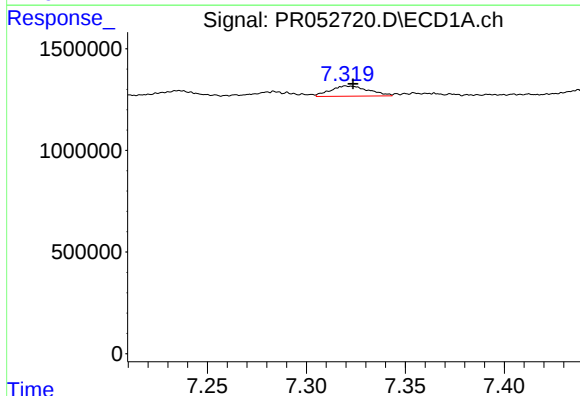
R.T.: 6.961 min
Delta R.T.: 0.014 min
Response: 1681184
Conc: 8.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



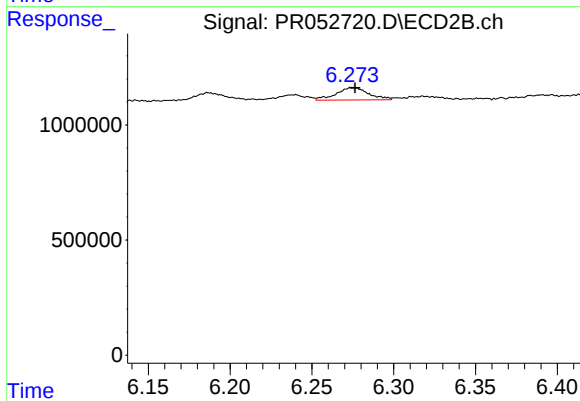
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 513818
Conc: 3.92 ng/ml



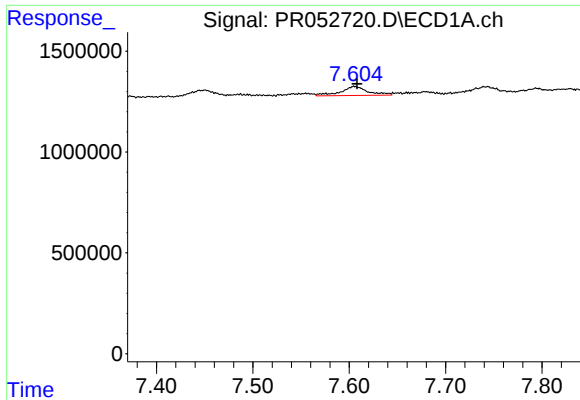
#28 AR-1254-3

R.T.: 7.320 min
Delta R.T.: -0.003 min
Response: 677256
Conc: 3.19 ng/ml



#28 AR-1254-3

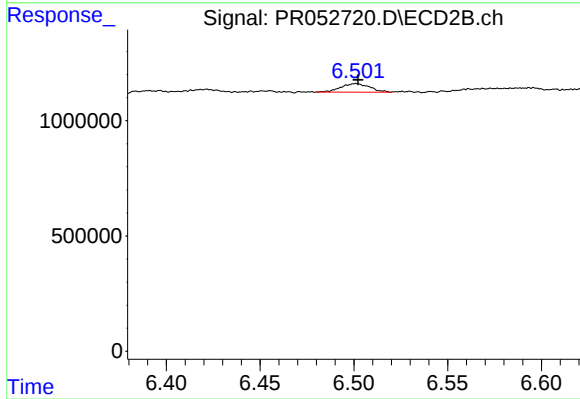
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 745599
Conc: 3.38 ng/ml



#29 AR-1254-4

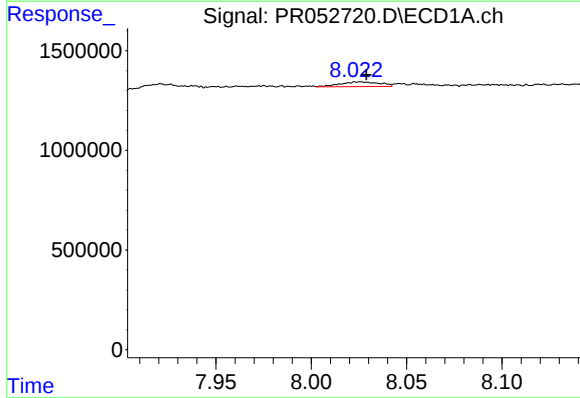
R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 867829
Conc: 5.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



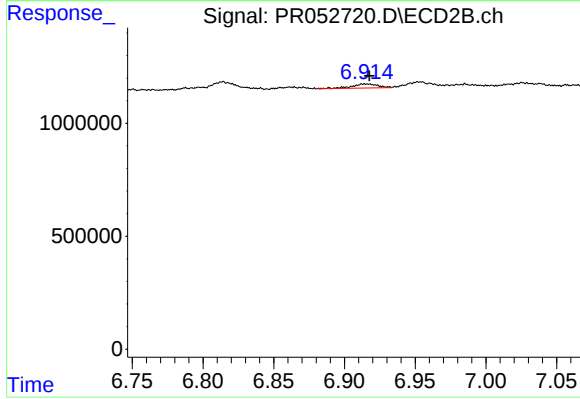
#29 AR-1254-4

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 400177
Conc: 2.94 ng/ml



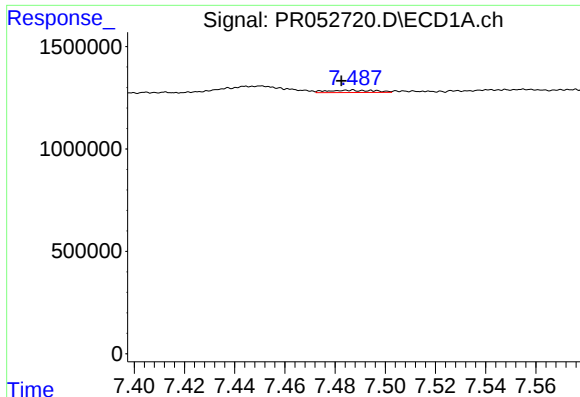
#30 AR-1254-5

R.T.: 8.025 min
Delta R.T.: -0.004 min
Response: 348495
Conc: 1.98 ng/ml



#30 AR-1254-5

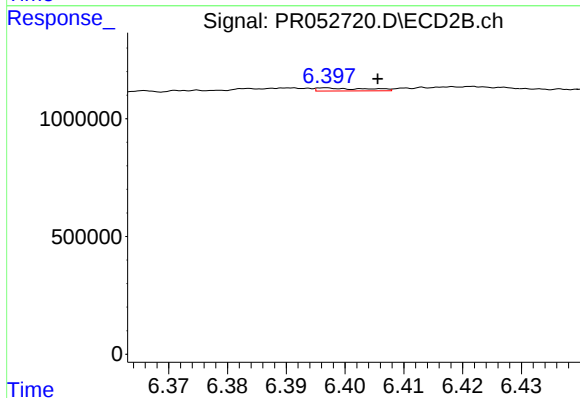
R.T.: 6.914 min
Delta R.T.: -0.003 min
Response: 226111
Conc: 1.09 ng/ml



#31 AR-1260-1

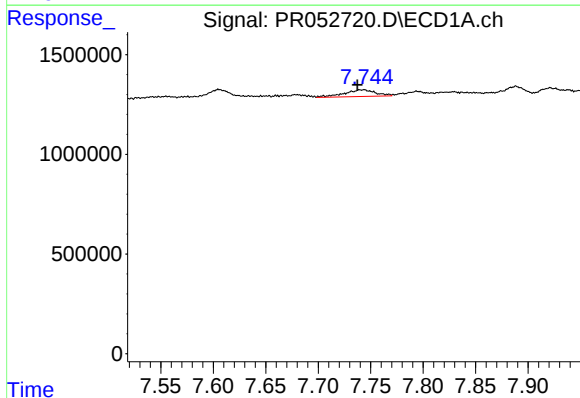
R.T.: 7.486 min
Delta R.T.: 0.004 min
Response: 151919
Conc: 0.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



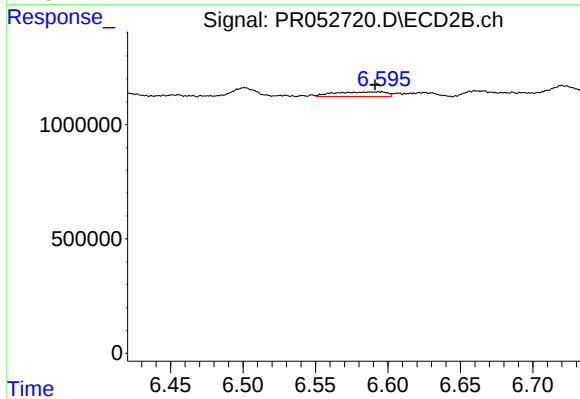
#31 AR-1260-1

R.T.: 6.397 min
Delta R.T.: -0.009 min
Response: 74390
Conc: 0.52 ng/ml



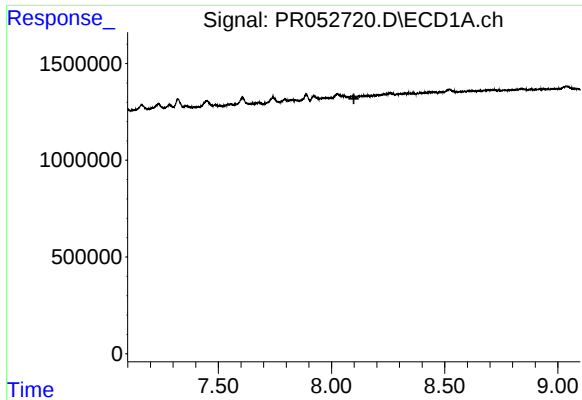
#32 AR-1260-2

R.T.: 7.743 min
Delta R.T.: 0.006 min
Response: 711575
Conc: 3.81 ng/ml



#32 AR-1260-2

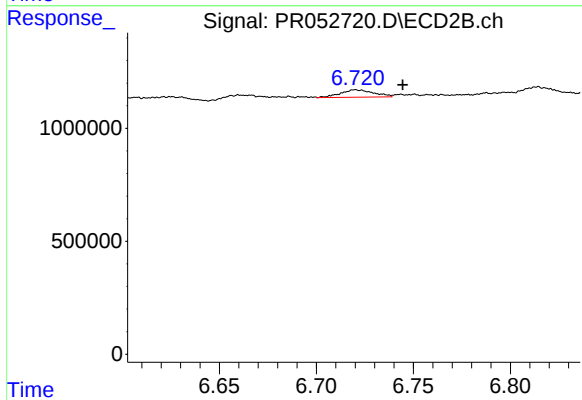
R.T.: 6.596 min
Delta R.T.: 0.005 min
Response: 498872
Conc: 2.87 ng/ml



#33 AR-1260-3

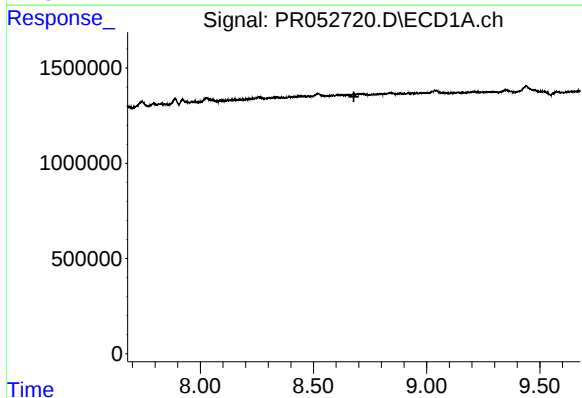
R.T.: 0.000 min
Exp R.T.: 8.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



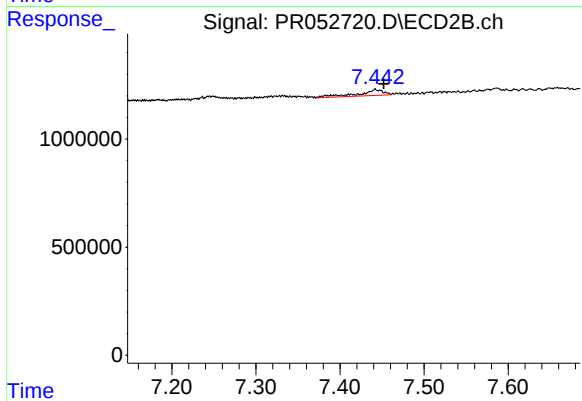
#33 AR-1260-3

R.T.: 6.720 min
Delta R.T.: -0.024 min
Response: 390608
Conc: 2.32 ng/ml



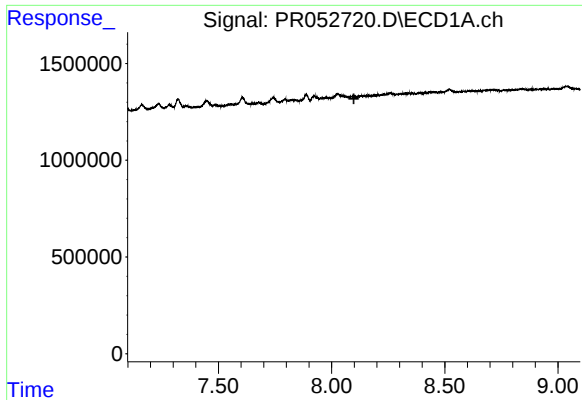
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.679 min
Response: 0
Conc: N.D.



#35 AR-1260-5

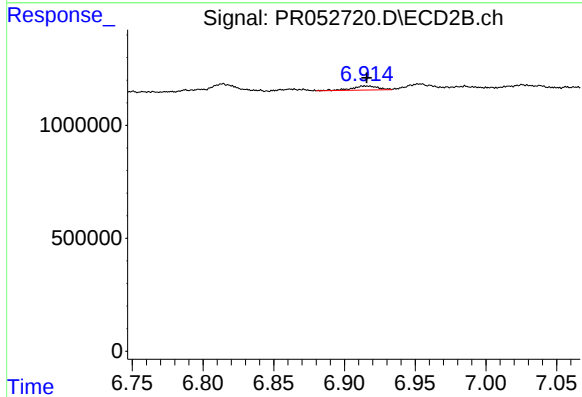
R.T.: 7.442 min
Delta R.T.: -0.010 min
Response: 572194
Conc: 1.56 ng/ml



#36 AR-1262-1

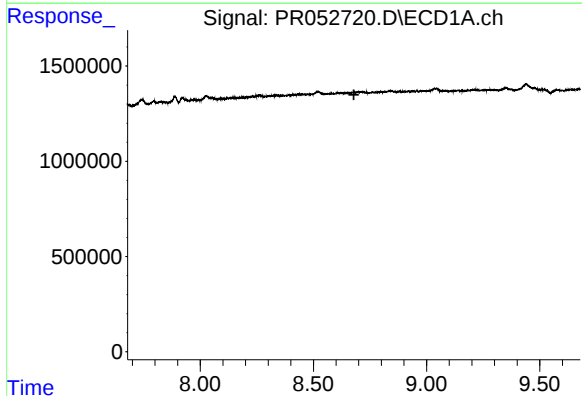
R.T.: 0.000 min
Exp R.T.: 8.098 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



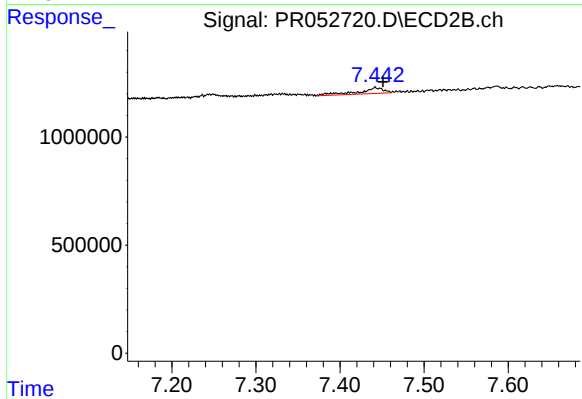
#36 AR-1262-1

R.T.: 6.914 min
Delta R.T.: -0.001 min
Response: 226111
Conc: 2.09 ng/ml



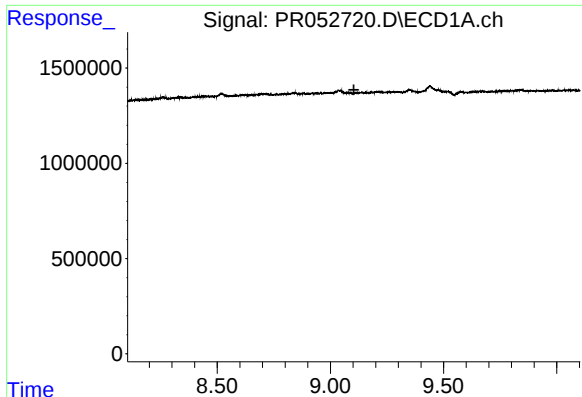
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

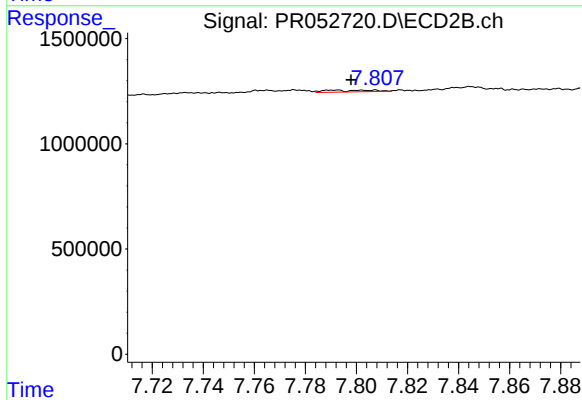
R.T.: 7.442 min
Delta R.T.: -0.009 min
Response: 572194
Conc: 1.47 ng/ml



#39 AR-1262-4

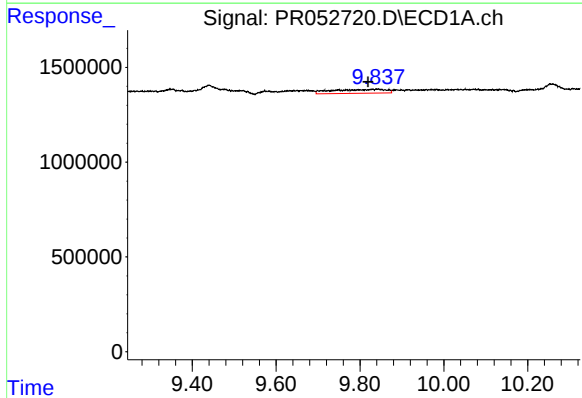
R.T.: 0.000 min
Exp R.T.: 9.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



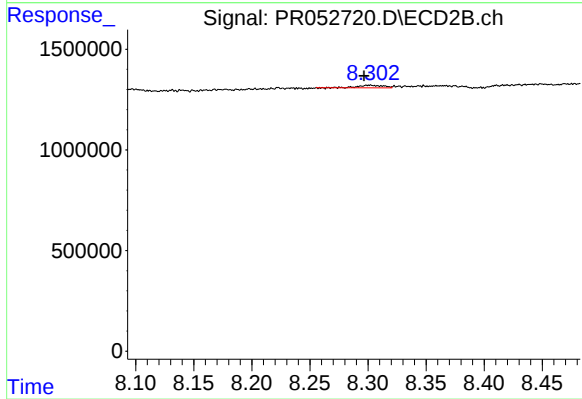
#39 AR-1262-4

R.T.: 7.791 min
Delta R.T.: -0.006 min
Response: 111398
Conc: 0.37 ng/ml



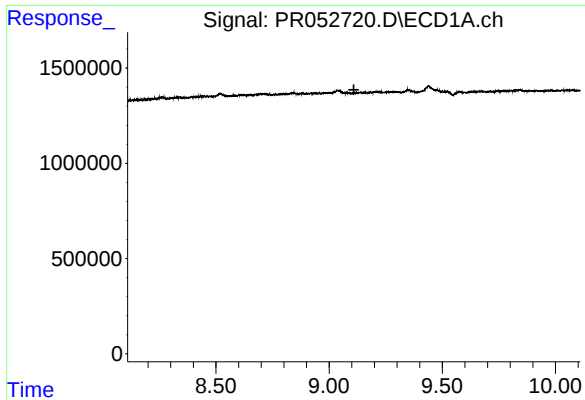
#40 AR-1262-5

R.T.: 9.842 min
Delta R.T.: 0.023 min
Response: 1856718
Conc: 13.27 ng/ml



#40 AR-1262-5

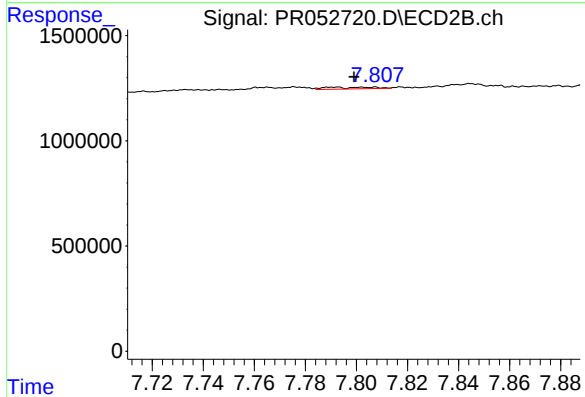
R.T.: 8.301 min
Delta R.T.: 0.005 min
Response: 197137
Conc: 1.36 ng/ml



#42 AR-1268-2

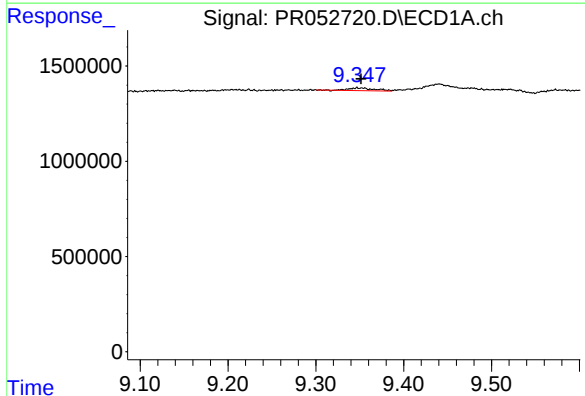
R.T.: 0.000 min
Exp R.T.: 9.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



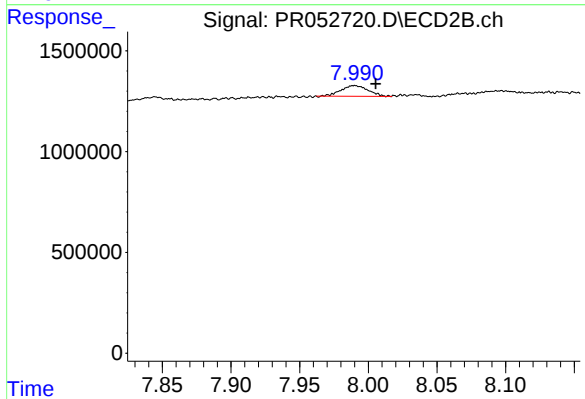
#42 AR-1268-2

R.T.: 7.791 min
Delta R.T.: -0.008 min
Response: 111398
Conc: 0.25 ng/ml



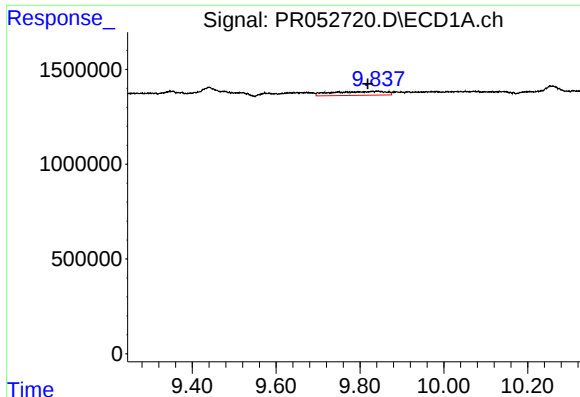
#43 AR-1268-3

R.T.: 9.348 min
Delta R.T.: -0.004 min
Response: 293480
Conc: 0.83 ng/ml



#43 AR-1268-3

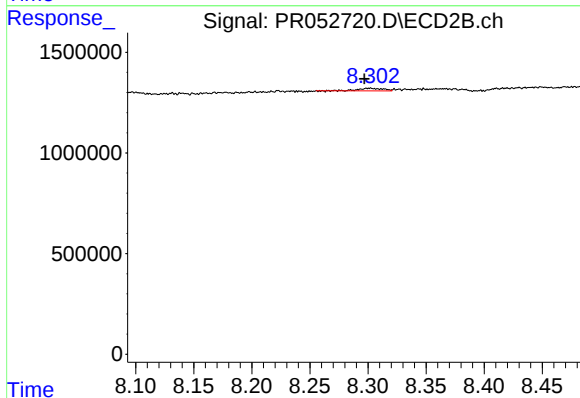
R.T.: 7.990 min
Delta R.T.: -0.016 min
Response: 718700
Conc: 1.86 ng/ml



#44 AR-1268-4

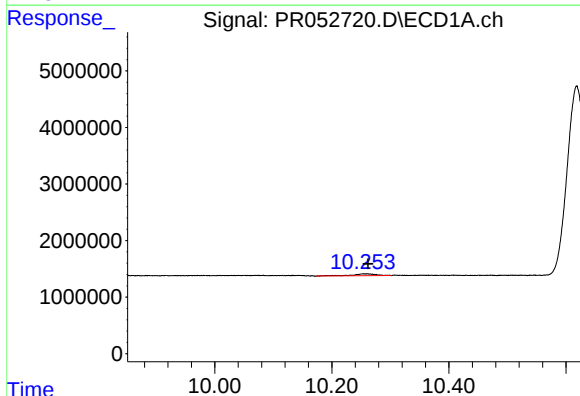
R.T.: 9.842 min
Delta R.T.: 0.023 min
Response: 1856718
Conc: 11.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



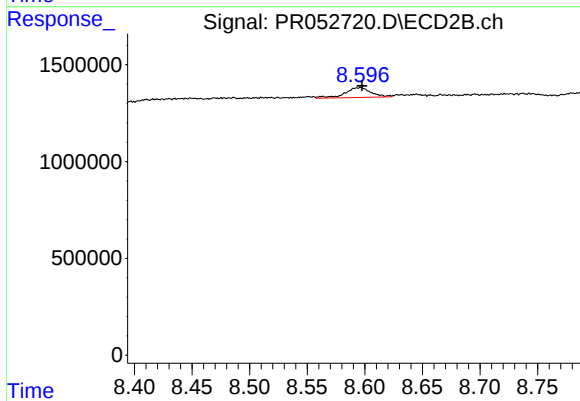
#44 AR-1268-4

R.T.: 8.301 min
Delta R.T.: 0.005 min
Response: 197137
Conc: 1.21 ng/ml



#45 AR-1268-5

R.T.: 10.257 min
Delta R.T.: -0.004 min
Response: 955837
Conc: 0.82 ng/ml



#45 AR-1268-5

R.T.: 8.596 min
Delta R.T.: -0.001 min
Response: 812698
Conc: 0.65 ng/ml