

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 12:50
 Operator : AJ\MA
 Sample : 02213-09
 Misc : AR1248 MDL 25 PPB
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:22:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.686	2.900	62483542	79252204	20.467	18.622
2)	SA Decachlor...	9.656	8.125	64855481	88446701	22.863	20.345
Target Compounds							
3)	L1 AR-1016-1	4.921	4.008	2379435	2105991	21.494	14.242 #
4)	L1 AR-1016-2	4.944	4.026	2754036	2220603	17.695	10.468 #
5)	L1 AR-1016-3	5.008	4.204	1638680	1352639	16.795	12.275 #
6)	L1 AR-1016-4	5.110	4.255	1080839	3089350	13.889	36.139 #
7)	L1 AR-1016-5	5.430	4.470	3059342	3584927	38.466	31.390
8)	L2 AR-1221-1	3.896f	3.110	311383	276403	7.860	5.820 #
9)	L2 AR-1221-2	4.002	3.200	1092381	1014005	37.623	28.584
10)	L2 AR-1221-3	4.078	3.284	254086	301201	2.842	2.662
11)	L3 AR-1232-1	4.078	3.284	254086	301201	3.413	3.229
12)	L3 AR-1232-2	4.634	4.026	776556	2220603	21.362	24.281
13)	L3 AR-1232-3	4.944	4.204	2754036	1352639	39.086	29.197 #
14)	L3 AR-1232-4	5.110	4.295	1080839	3044628	31.335	74.578 #
15)	L3 AR-1232-5	5.217	4.470	2769081	3584927	105.662	76.295 #
16)	L4 AR-1242-1	4.921	4.008	2379435	2105991	26.964	18.133 #
17)	L4 AR-1242-2	4.944	4.026	2754036	2220603	22.200	13.318 #
18)	L4 AR-1242-3	5.008	4.204	1638680	1352639	20.973	15.766
19)	L4 AR-1242-4	5.110	4.295	1080839	3044628	17.259	37.643 #
20)	L4 AR-1242-5	5.906	4.838	3551037	5276793	51.289	48.984
21)	L5 AR-1248-1	4.921	4.008	2379435	2105991	35.806	24.492 #
22)	L5 AR-1248-2	5.217	4.255	2769081	3089350	31.186	25.693
23)	L5 AR-1248-3	5.430	4.295	3059342	3044628	29.058	24.976
24)	L5 AR-1248-4	5.867	4.470	3394589	3584927	28.234	23.750
25)	L5 AR-1248-5	5.906	4.879	3551037	4392758	29.997	28.580
26)	L6 AR-1254-1	5.836	4.838	3165876	5276793	26.286	21.825
27)	L6 AR-1254-2	6.076	4.997	3994508	1335335	20.951	6.391 #
28)	L6 AR-1254-3	6.470	5.415	2154707	2928310	10.501	8.414
29)	L6 AR-1254-4	6.785	5.661	1842557	2296577	11.836	10.416
30)	L6 AR-1254-5	7.245	6.104	1023452	852881	6.083	2.661 #
31)	L7 AR-1260-1	6.653	5.562	80498	1630150	0.505	6.651 #
32)	L7 AR-1260-2	6.925	5.782f	842577	707108	4.366	2.275 #
33)	L7 AR-1260-3	7.312f	5.924	154458	932524	1.085	3.322 #
34)	L7 AR-1260-4	7.573	6.431	811016	586853	4.961	2.438 #
35)	L7 AR-1260-5	7.891f	6.683	105848	112400	0.335	0.193 #
36)	L8 AR-1262-1	7.312f	6.177f	154458	160047	0.817	0.507 #
37)	L8 AR-1262-2	7.891f	6.431	105848	586853	0.314	2.036 #
38)	L8 AR-1262-3	8.224	6.992	167061	780103	0.725	3.444 #
39)	L8 AR-1262-4	8.303	7.049	135834	298795	0.772	0.695
40)	L8 AR-1262-5	8.953	0.000	97722	0	0.780	N.D. #
41)	L9 AR-1268-1	8.224	6.992	167061	780103	0.404	1.059 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:22:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
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 Response via : Initial Calibration
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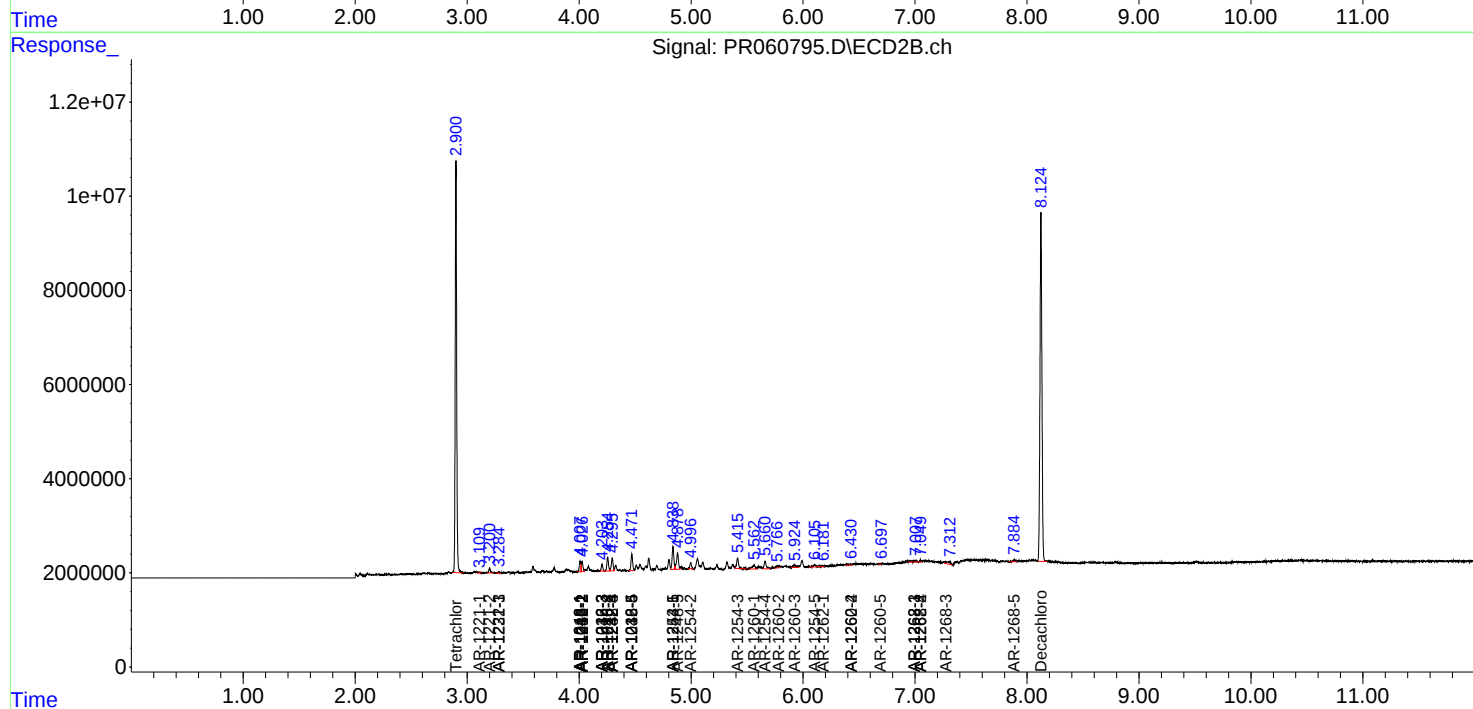
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

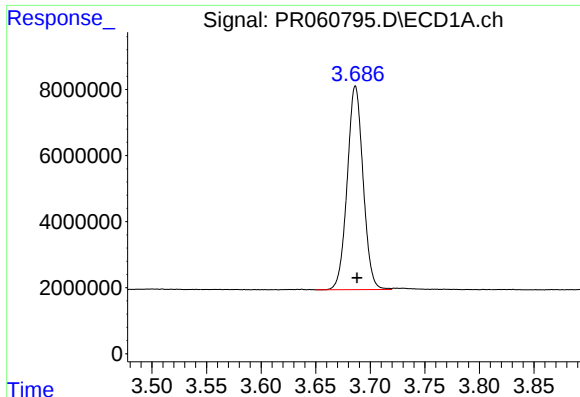
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.303	7.049	135834	298795	0.361	0.447
43) L9	AR-1268-3	0.000	7.275	0	1536062	N.D.	2.703 #
44) L9	AR-1268-4	8.953	0.000	97722	0	0.680	N.D. #
45) L9	AR-1268-5	9.339	7.885	343896	489218	0.325	0.260

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

Instrument :
ECD_R
ClientSampleId :

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

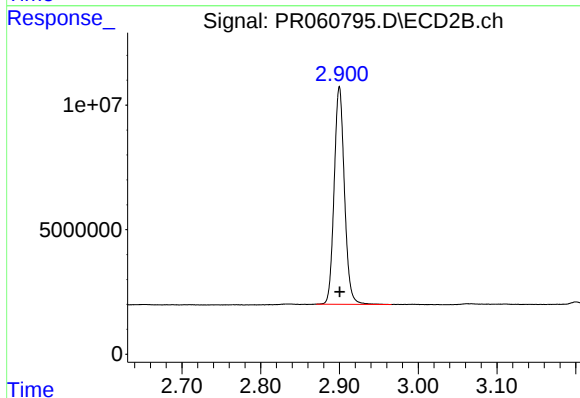




#1 Tetrachloro-m-xylene

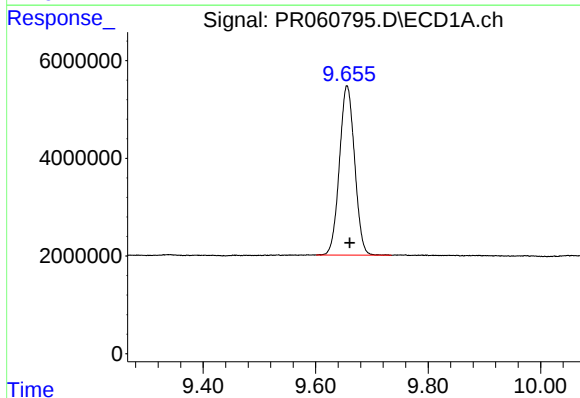
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 62483542
Conc: 20.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



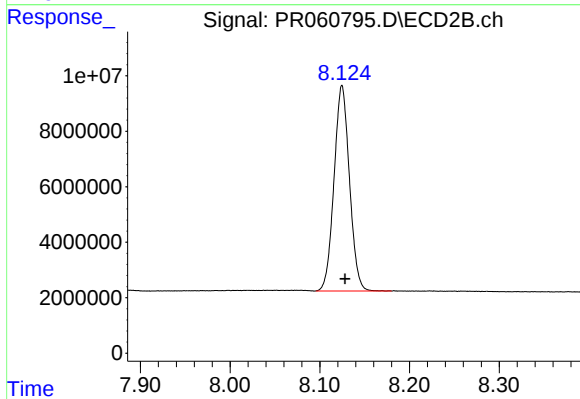
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 79252204
Conc: 18.62 ng/ml



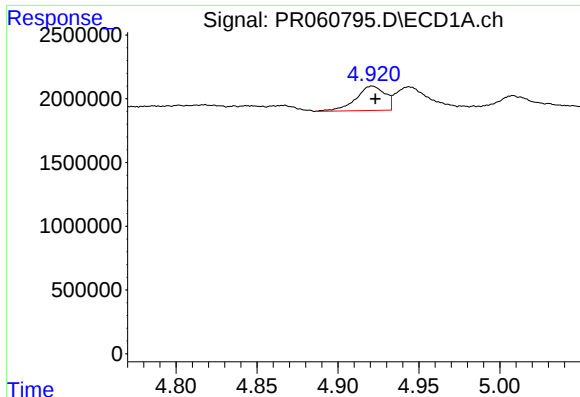
#2 Decachlorobiphenyl

R.T.: 9.656 min
Delta R.T.: -0.005 min
Response: 64855481
Conc: 22.86 ng/ml



#2 Decachlorobiphenyl

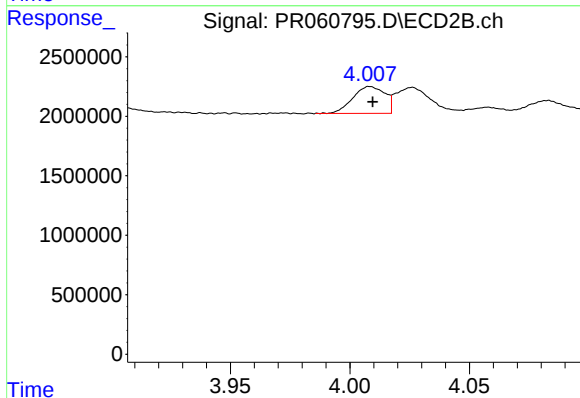
R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 88446701
Conc: 20.35 ng/ml



#3 AR-1016-1

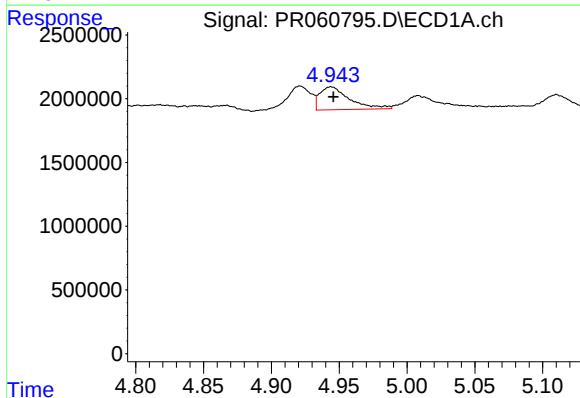
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 2379435
Conc: 21.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



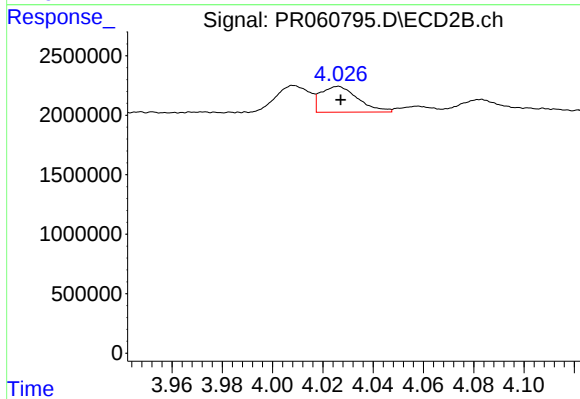
#3 AR-1016-1

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 2105991
Conc: 14.24 ng/ml



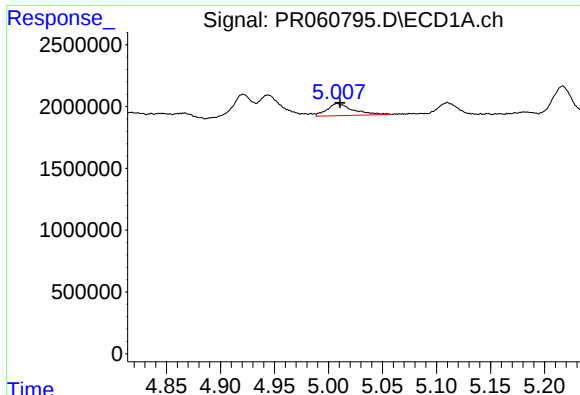
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 2754036
Conc: 17.70 ng/ml



#4 AR-1016-2

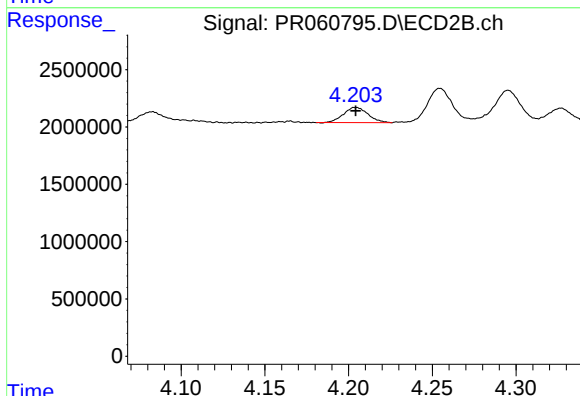
R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 2220603
Conc: 10.47 ng/ml



#5 AR-1016-3

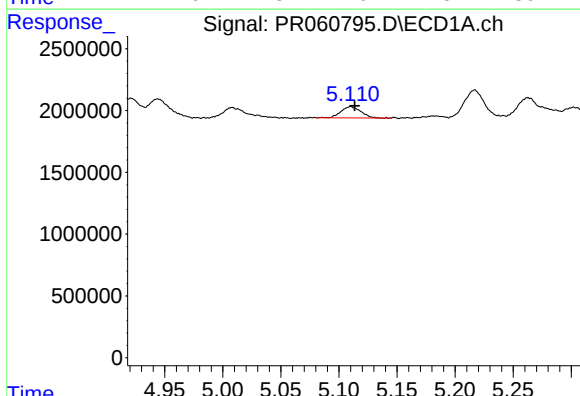
R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 1638680
Conc: 16.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



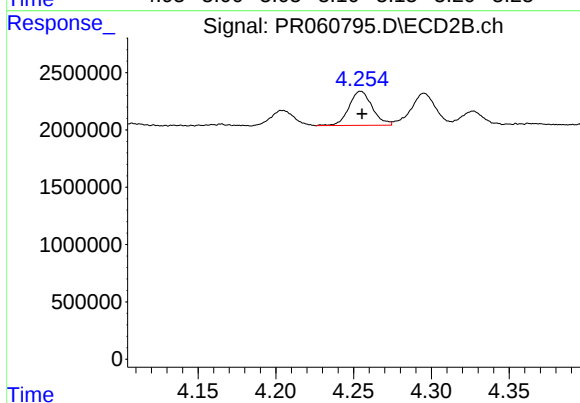
#5 AR-1016-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 1352639
Conc: 12.27 ng/ml



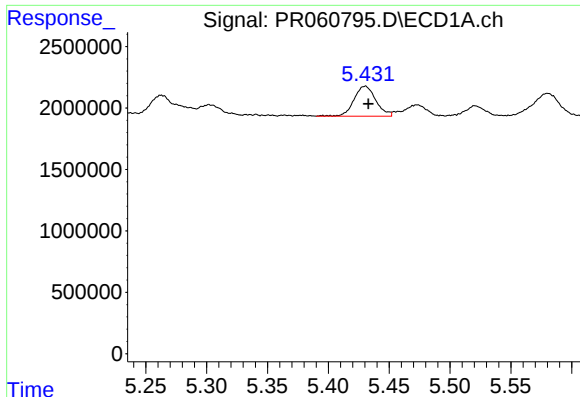
#6 AR-1016-4

R.T.: 5.110 min
Delta R.T.: -0.003 min
Response: 1080839
Conc: 13.89 ng/ml



#6 AR-1016-4

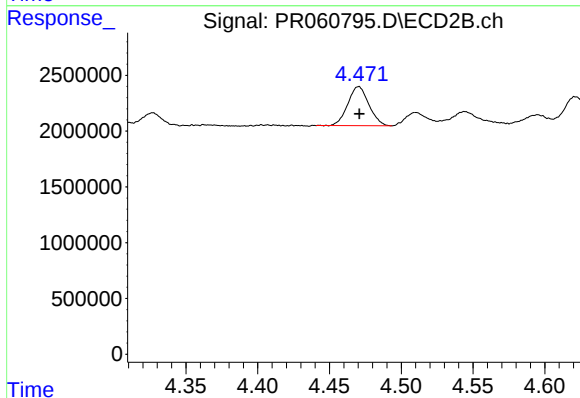
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 3089350
Conc: 36.14 ng/ml



#7 AR-1016-5

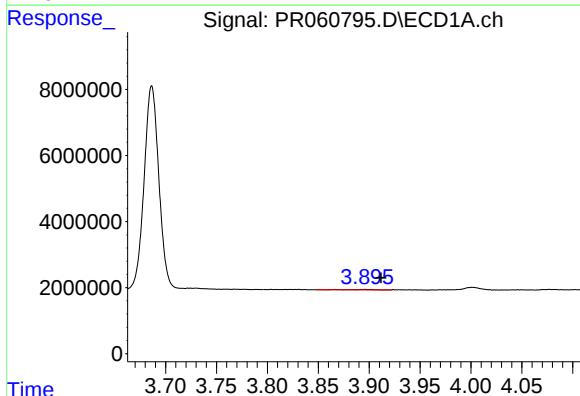
R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 3059342
Conc: 38.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



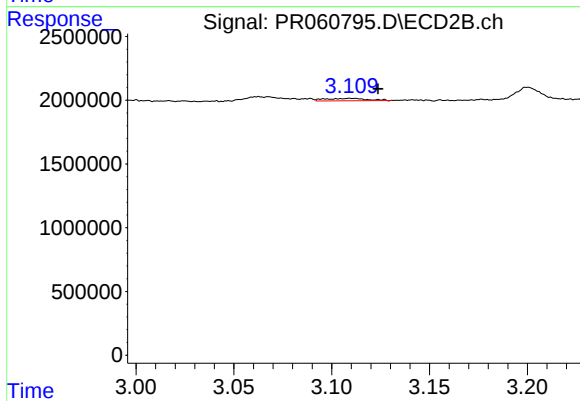
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3584927
Conc: 31.39 ng/ml



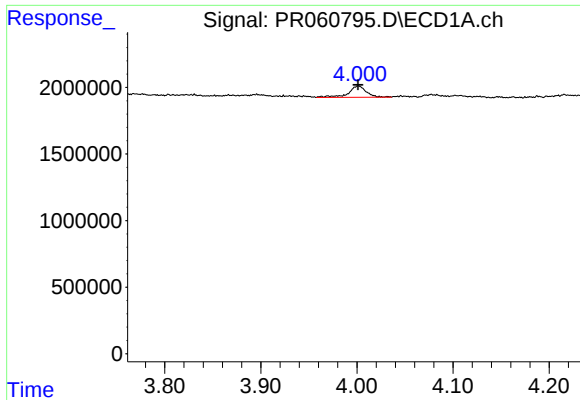
#8 AR-1221-1

R.T.: 3.896 min
Delta R.T.: -0.016 min
Response: 311383
Conc: 7.86 ng/ml



#8 AR-1221-1

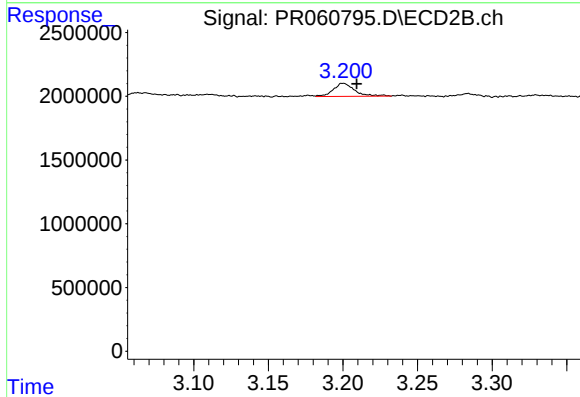
R.T.: 3.110 min
Delta R.T.: -0.013 min
Response: 276403
Conc: 5.82 ng/ml



#9 AR-1221-2

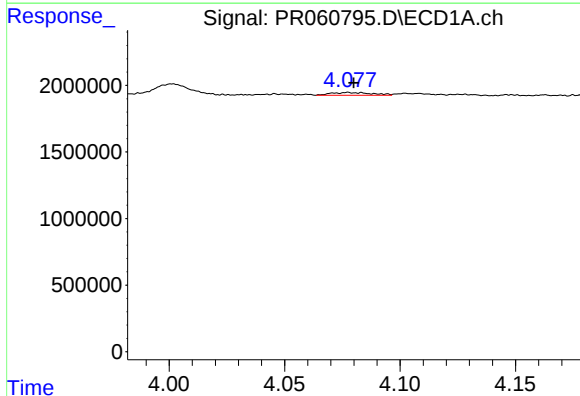
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 1092381
Conc: 37.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



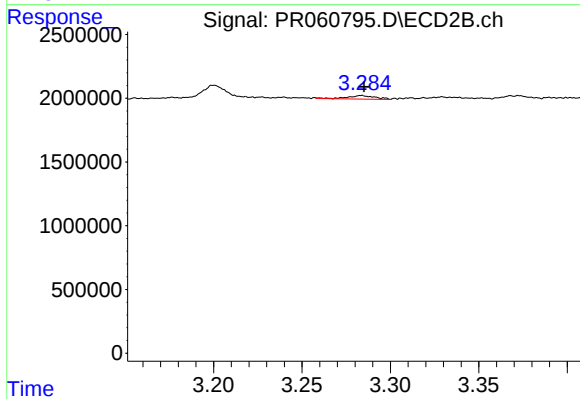
#9 AR-1221-2

R.T.: 3.200 min
Delta R.T.: -0.009 min
Response: 1014005
Conc: 28.58 ng/ml



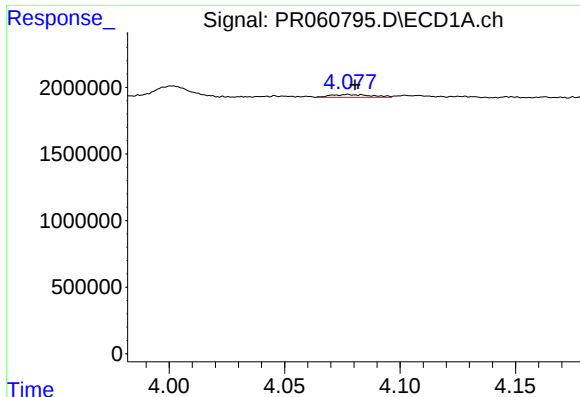
#10 AR-1221-3

R.T.: 4.078 min
Delta R.T.: -0.002 min
Response: 254086
Conc: 2.84 ng/ml



#10 AR-1221-3

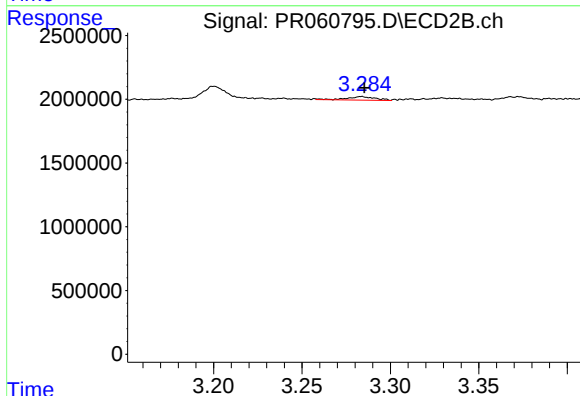
R.T.: 3.284 min
Delta R.T.: -0.001 min
Response: 301201
Conc: 2.66 ng/ml



#11 AR-1232-1

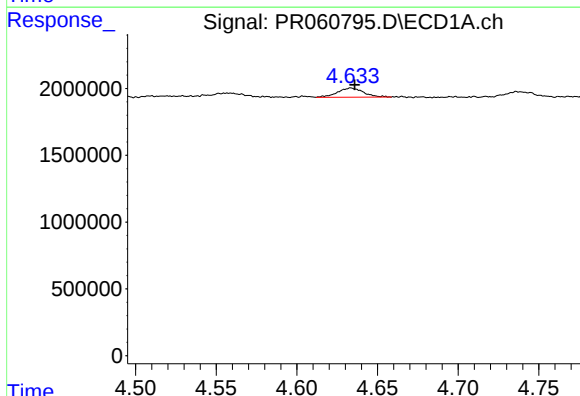
R.T.: 4.078 min
Delta R.T.: -0.003 min
Response: 254086
Conc: 3.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



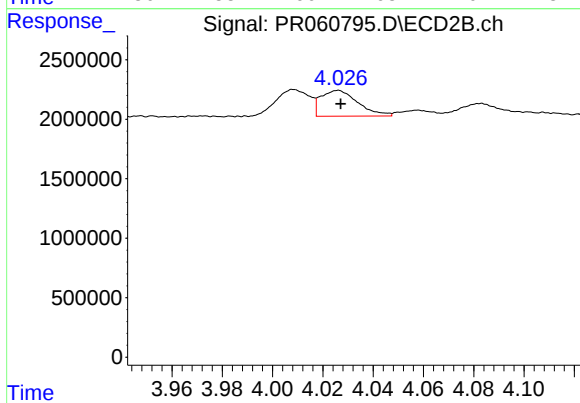
#11 AR-1232-1

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 301201
Conc: 3.23 ng/ml



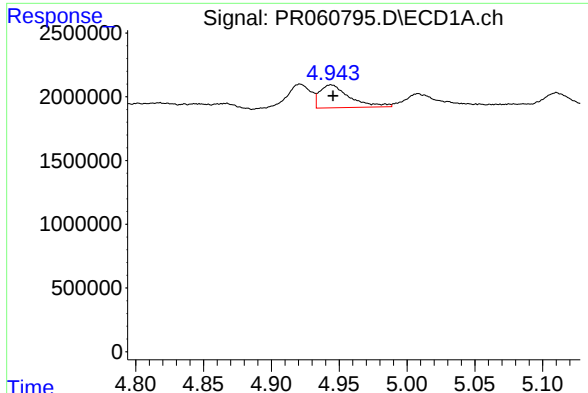
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: -0.002 min
Response: 776556
Conc: 21.36 ng/ml



#12 AR-1232-2

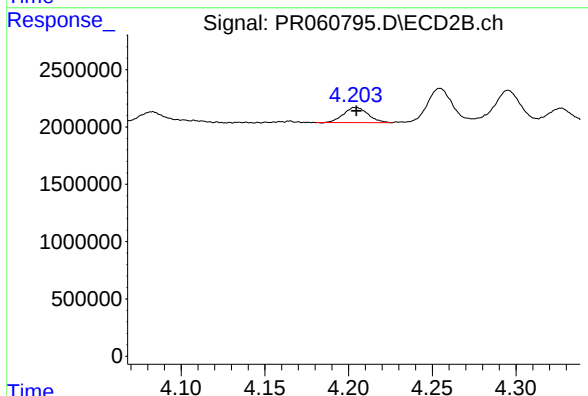
R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 2220603
Conc: 24.28 ng/ml



#13 AR-1232-3

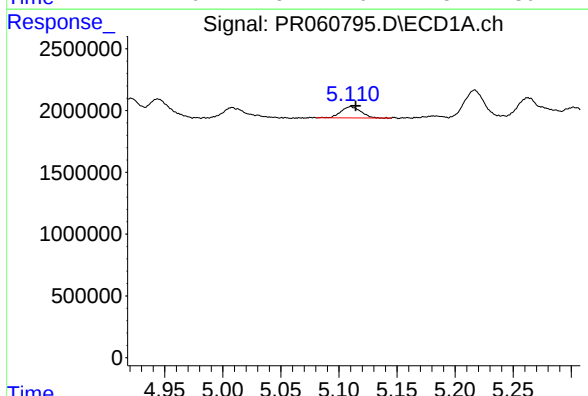
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 2754036
Conc: 39.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



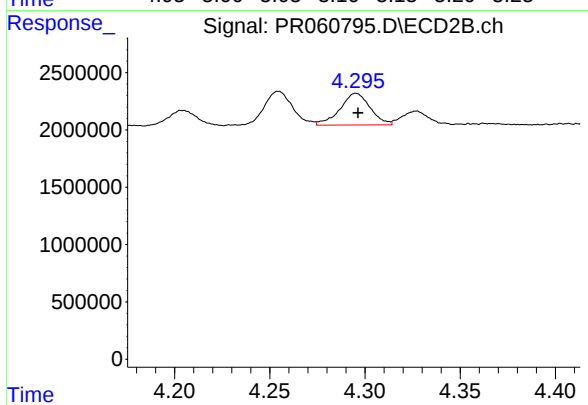
#13 AR-1232-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 1352639
Conc: 29.20 ng/ml



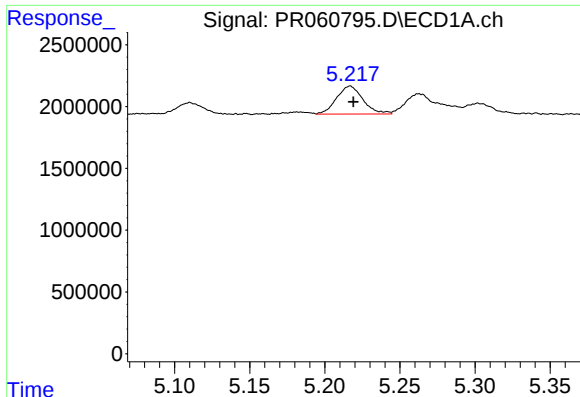
#14 AR-1232-4

R.T.: 5.110 min
Delta R.T.: -0.004 min
Response: 1080839
Conc: 31.33 ng/ml



#14 AR-1232-4

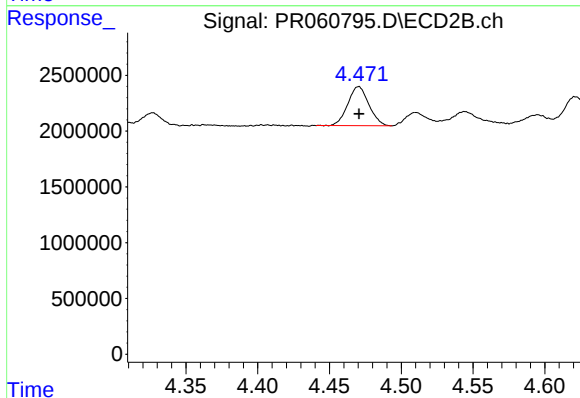
R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 3044628
Conc: 74.58 ng/ml



#15 AR-1232-5

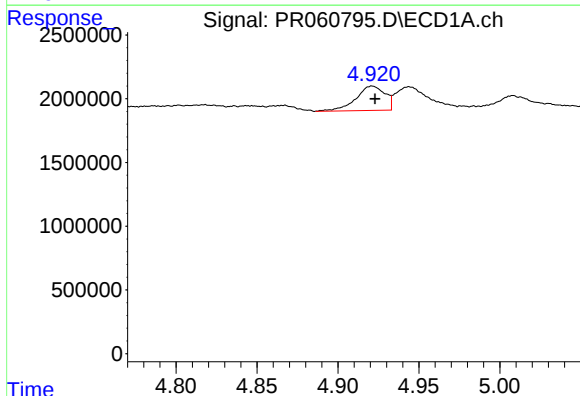
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 2769081
Conc: 105.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



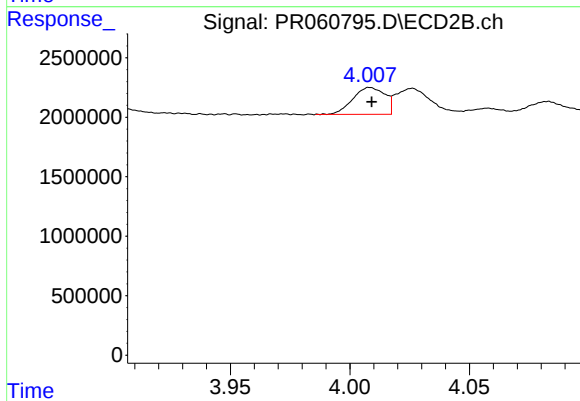
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3584927
Conc: 76.30 ng/ml



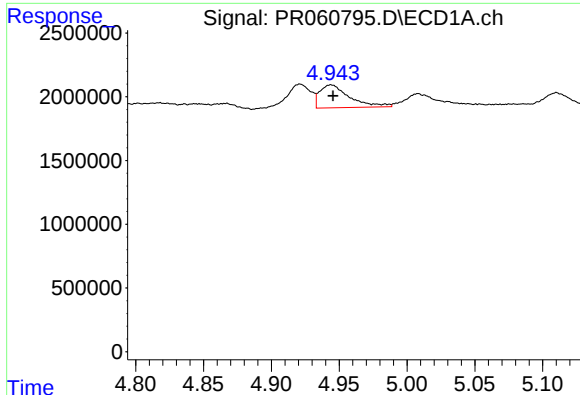
#16 AR-1242-1

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 2379435
Conc: 26.96 ng/ml



#16 AR-1242-1

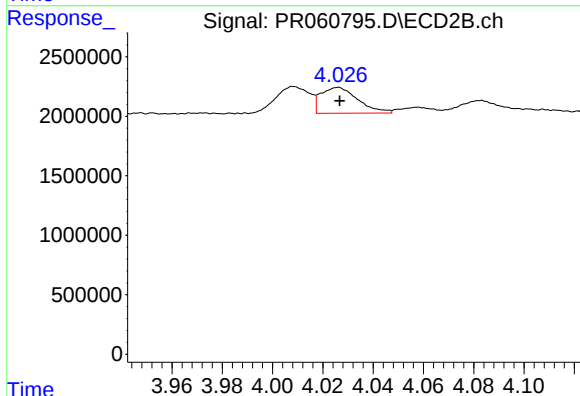
R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 2105991
Conc: 18.13 ng/ml



#17 AR-1242-2

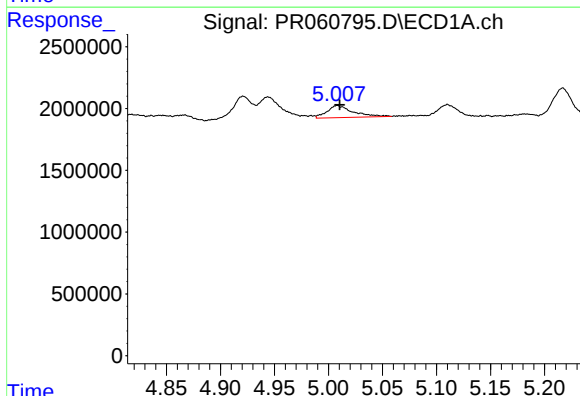
R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 2754036
Conc: 22.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



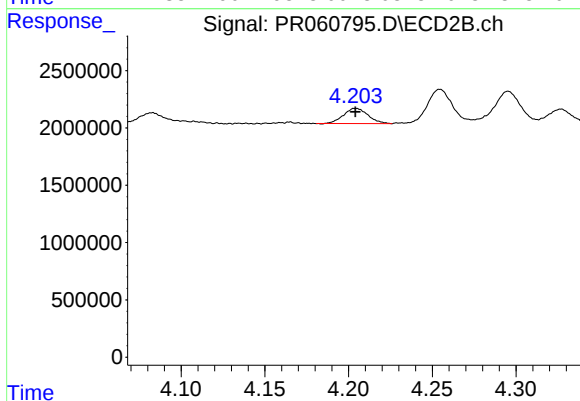
#17 AR-1242-2

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 2220603
Conc: 13.32 ng/ml



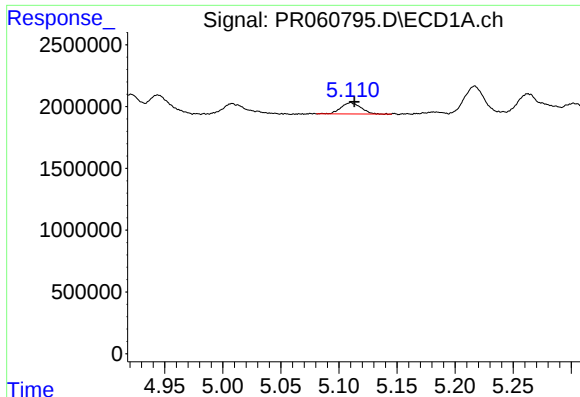
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 1638680
Conc: 20.97 ng/ml



#18 AR-1242-3

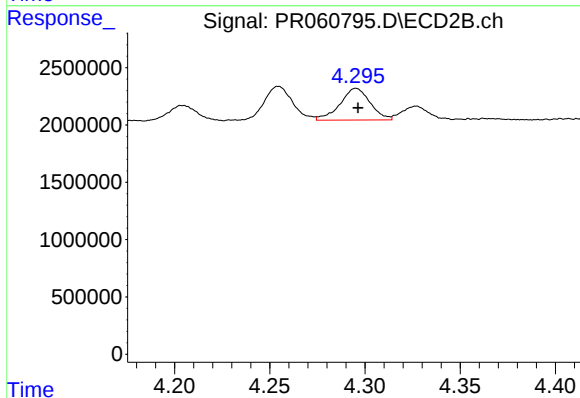
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 1352639
Conc: 15.77 ng/ml



#19 AR-1242-4

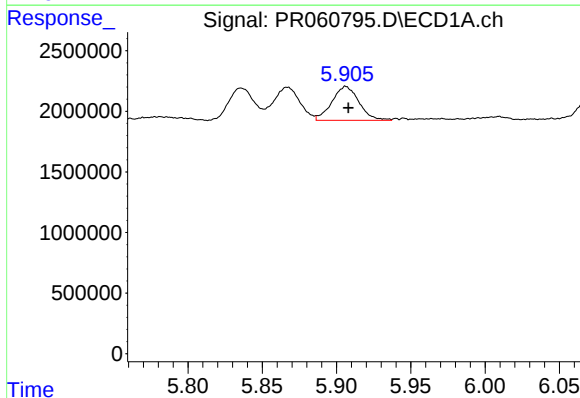
R.T.: 5.110 min
Delta R.T.: -0.003 min
Response: 1080839
Conc: 17.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



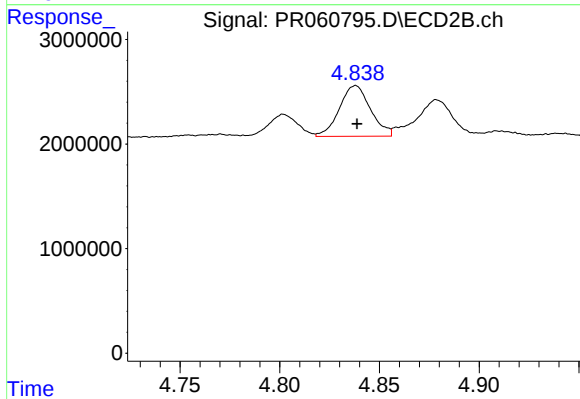
#19 AR-1242-4

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 3044628
Conc: 37.64 ng/ml



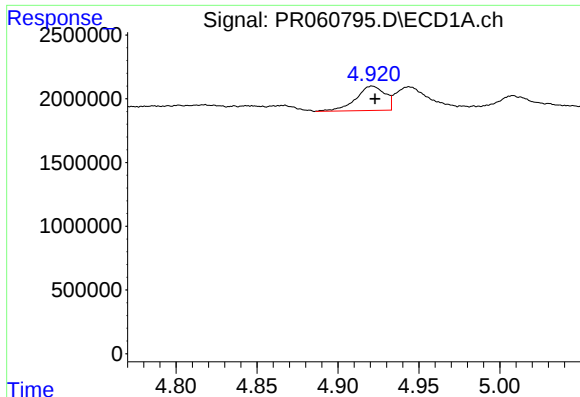
#20 AR-1242-5

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 3551037
Conc: 51.29 ng/ml



#20 AR-1242-5

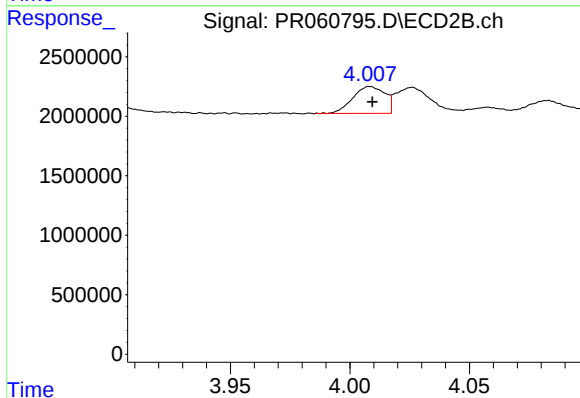
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 5276793
Conc: 48.98 ng/ml



#21 AR-1248-1

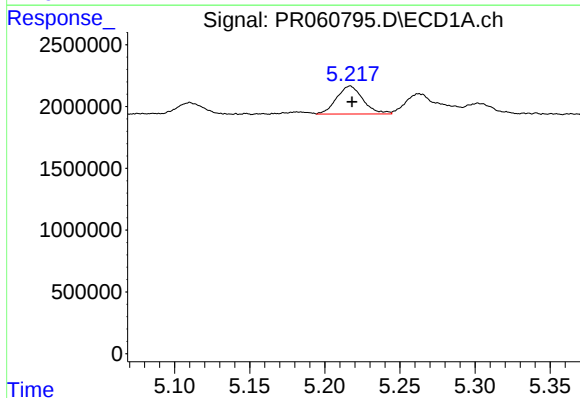
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 2379435
Conc: 35.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



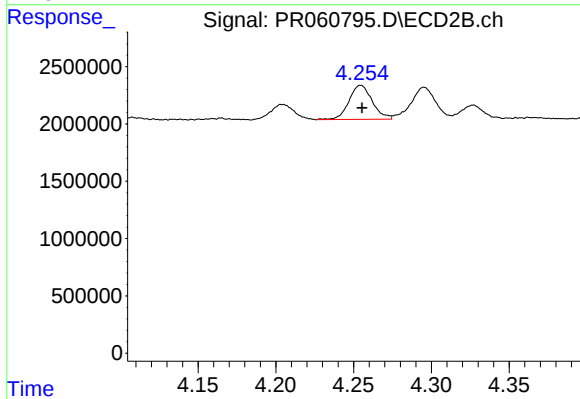
#21 AR-1248-1

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 2105991
Conc: 24.49 ng/ml



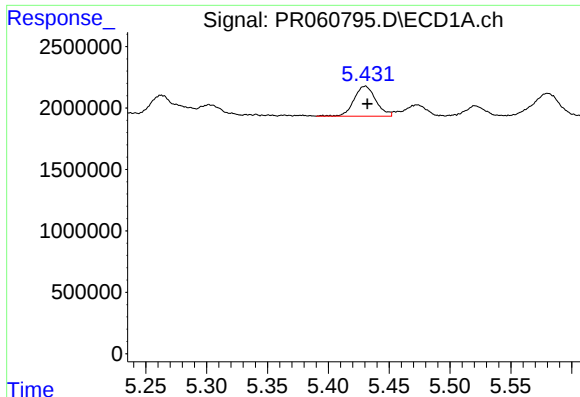
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: -0.001 min
Response: 2769081
Conc: 31.19 ng/ml



#22 AR-1248-2

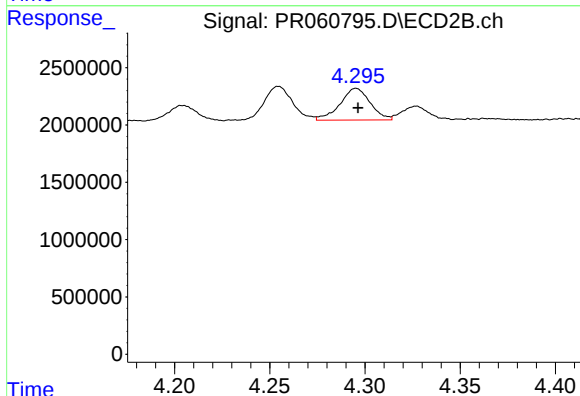
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 3089350
Conc: 25.69 ng/ml



#23 AR-1248-3

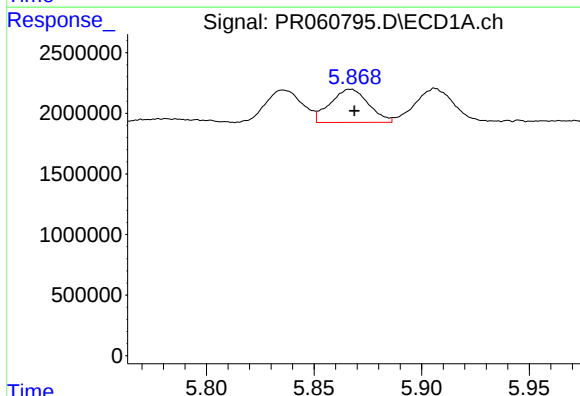
R.T.: 5.430 min
Delta R.T.: -0.002 min
Response: 3059342
Conc: 29.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



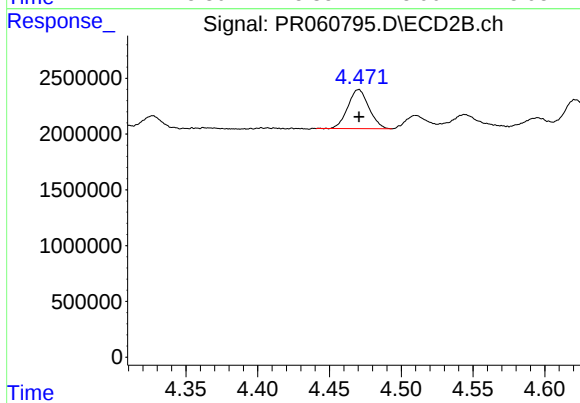
#23 AR-1248-3

R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 3044628
Conc: 24.98 ng/ml



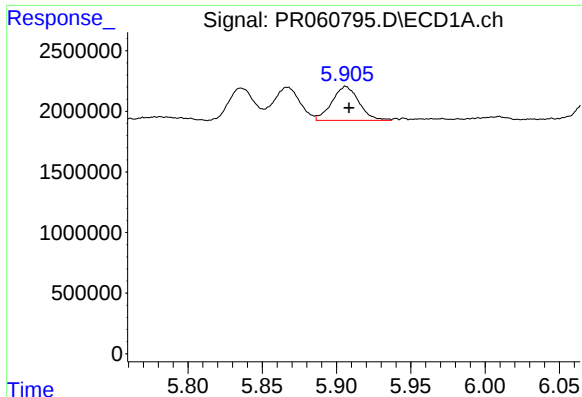
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 3394589
Conc: 28.23 ng/ml



#24 AR-1248-4

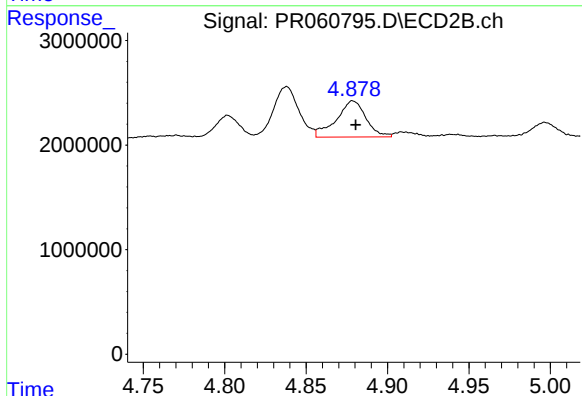
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3584927
Conc: 23.75 ng/ml



#25 AR-1248-5

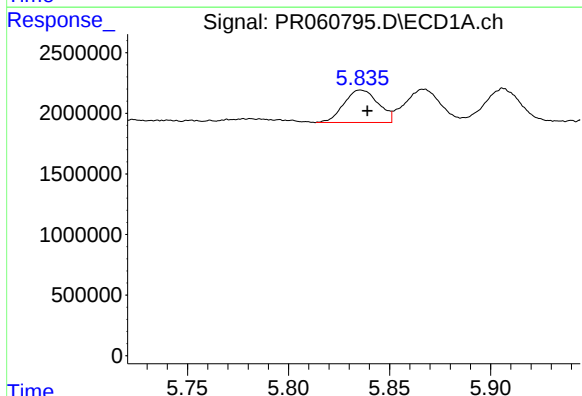
R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 3551037
Conc: 30.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



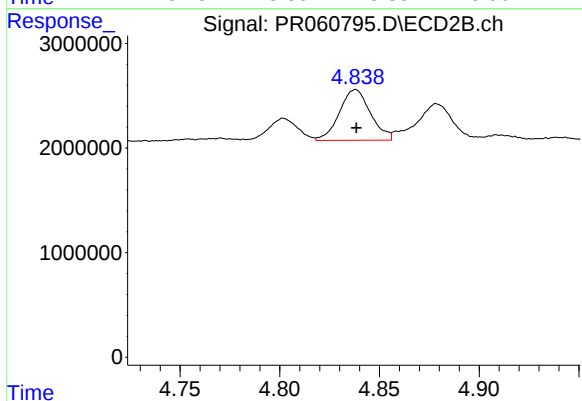
#25 AR-1248-5

R.T.: 4.879 min
Delta R.T.: -0.002 min
Response: 4392758
Conc: 28.58 ng/ml



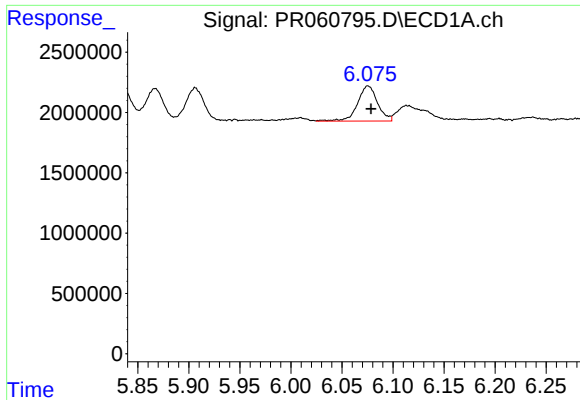
#26 AR-1254-1

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 3165876
Conc: 26.29 ng/ml



#26 AR-1254-1

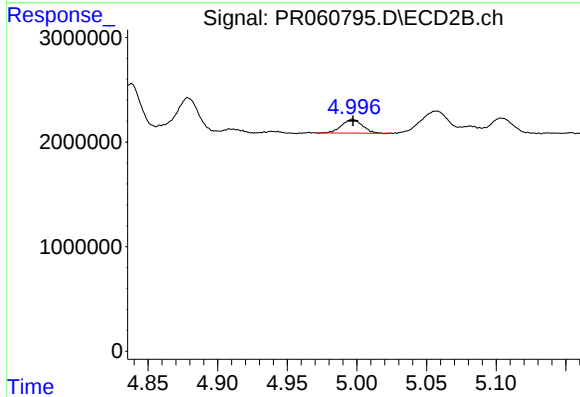
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 5276793
Conc: 21.82 ng/ml



#27 AR-1254-2

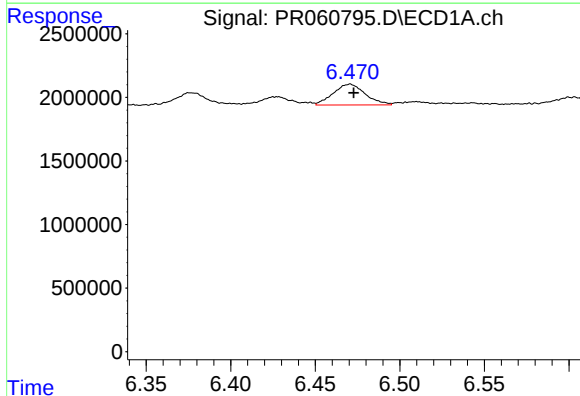
R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 3994508
Conc: 20.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



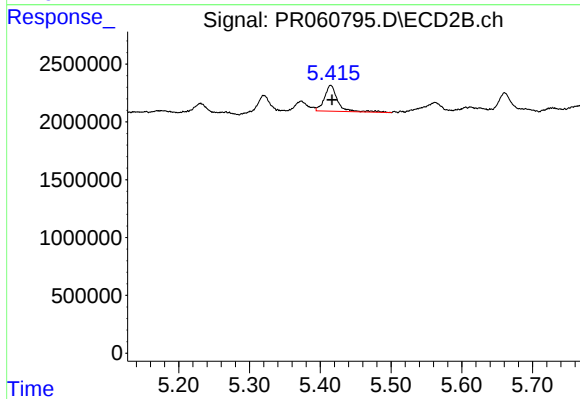
#27 AR-1254-2

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 1335335
Conc: 6.39 ng/ml



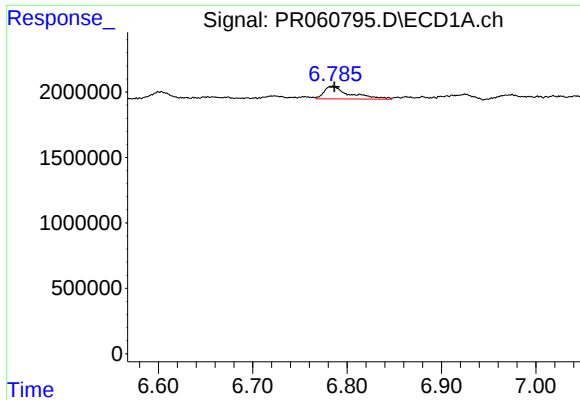
#28 AR-1254-3

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 2154707
Conc: 10.50 ng/ml



#28 AR-1254-3

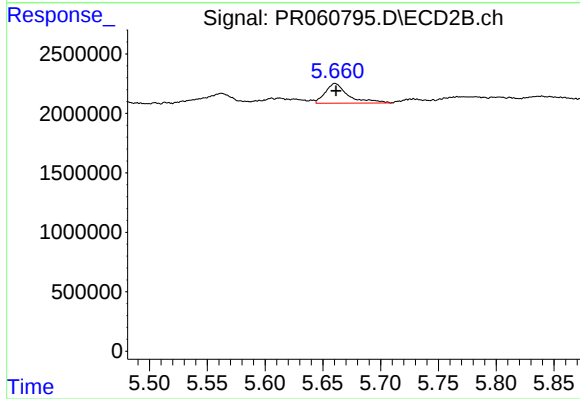
R.T.: 5.415 min
Delta R.T.: -0.002 min
Response: 2928310
Conc: 8.41 ng/ml



#29 AR-1254-4

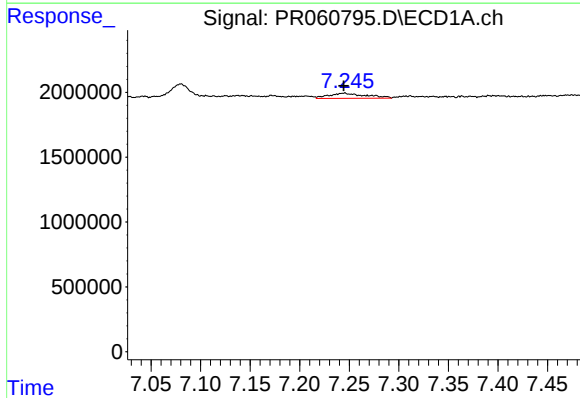
R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 1842557
Conc: 11.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



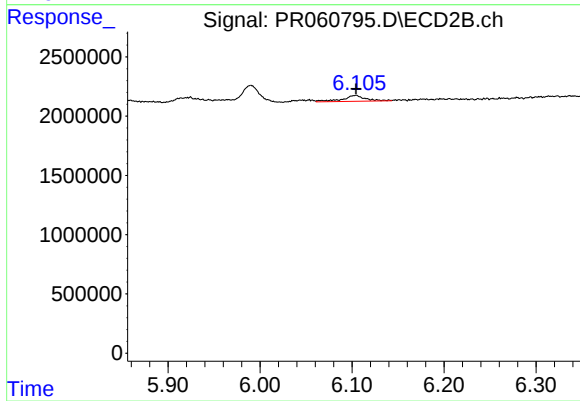
#29 AR-1254-4

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 2296577
Conc: 10.42 ng/ml



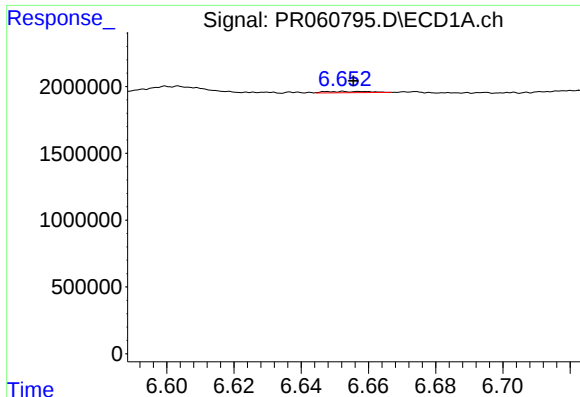
#30 AR-1254-5

R.T.: 7.245 min
Delta R.T.: 0.000 min
Response: 1023452
Conc: 6.08 ng/ml



#30 AR-1254-5

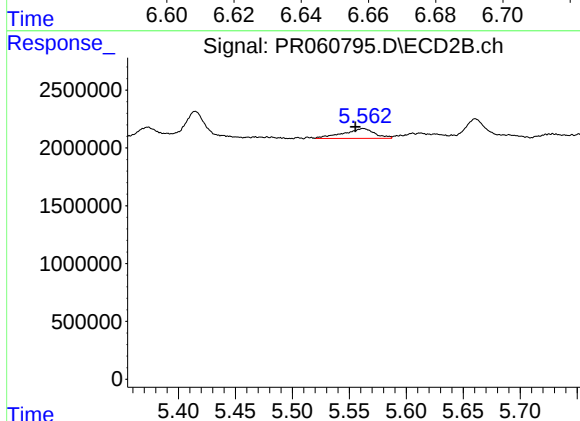
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 852881
Conc: 2.66 ng/ml



#31 AR-1260-1

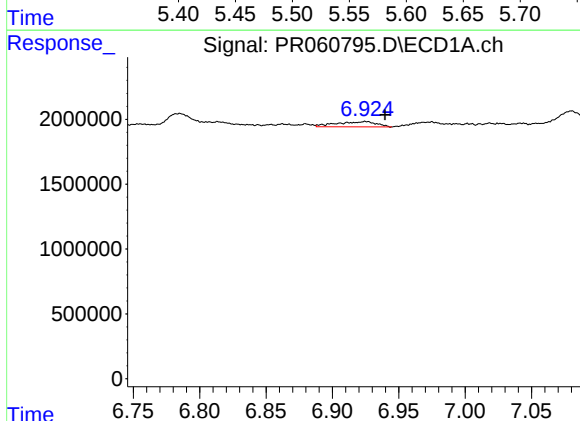
R.T.: 6.653 min
Delta R.T.: -0.003 min
Response: 80498
Conc: 0.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



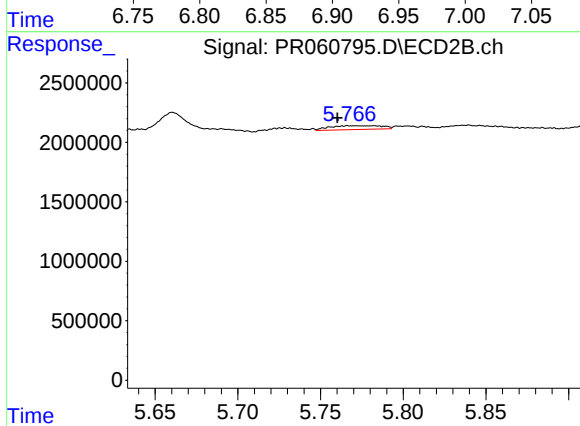
#31 AR-1260-1

R.T.: 5.562 min
Delta R.T.: 0.007 min
Response: 1630150
Conc: 6.65 ng/ml



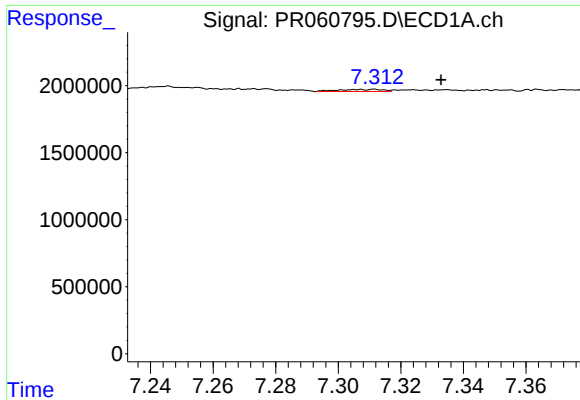
#32 AR-1260-2

R.T.: 6.925 min
Delta R.T.: -0.014 min
Response: 842577
Conc: 4.37 ng/ml



#32 AR-1260-2

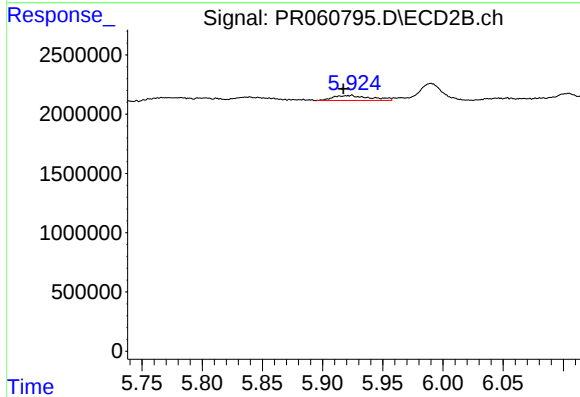
R.T.: 5.782 min
Delta R.T.: 0.022 min
Response: 707108
Conc: 2.28 ng/ml



#33 AR-1260-3

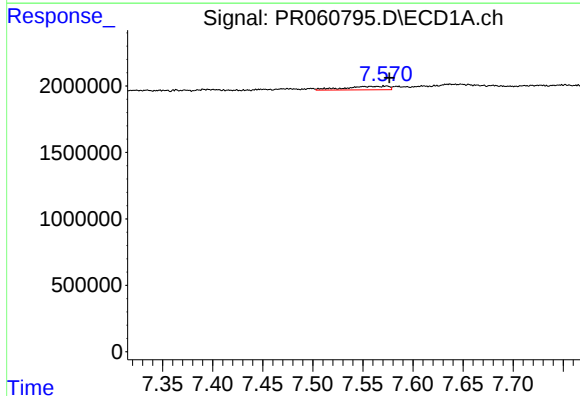
R.T.: 7.312 min
Delta R.T.: -0.021 min
Response: 154458
Conc: 1.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



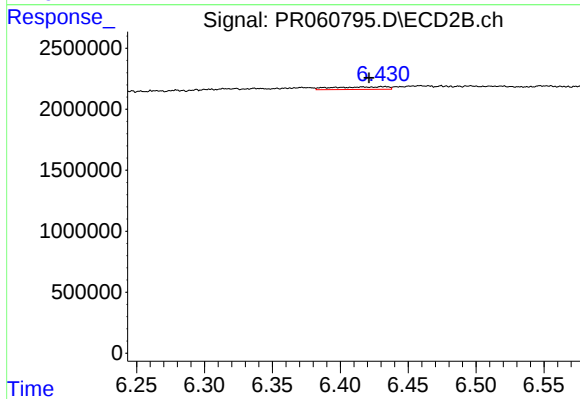
#33 AR-1260-3

R.T.: 5.924 min
Delta R.T.: 0.006 min
Response: 932524
Conc: 3.32 ng/ml



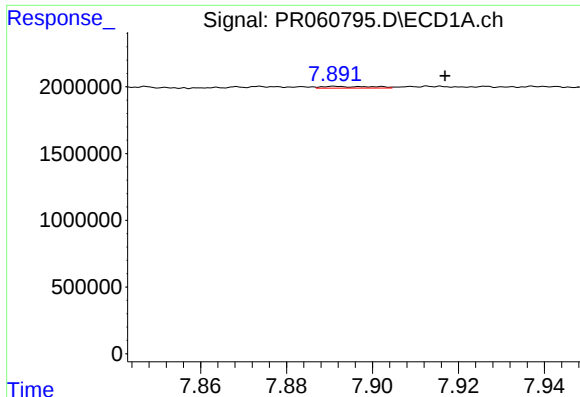
#34 AR-1260-4

R.T.: 7.573 min
Delta R.T.: -0.004 min
Response: 811016
Conc: 4.96 ng/ml



#34 AR-1260-4

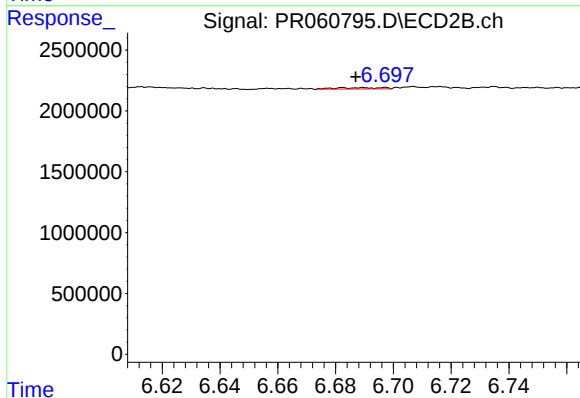
R.T.: 6.431 min
Delta R.T.: 0.010 min
Response: 586853
Conc: 2.44 ng/ml



#35 AR-1260-5

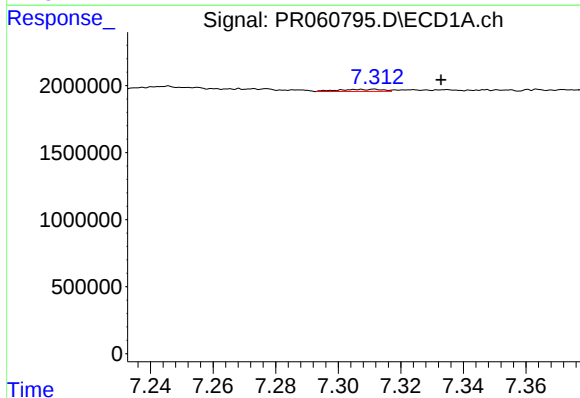
R.T.: 7.891 min
Delta R.T.: -0.026 min
Response: 105848
Conc: 0.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



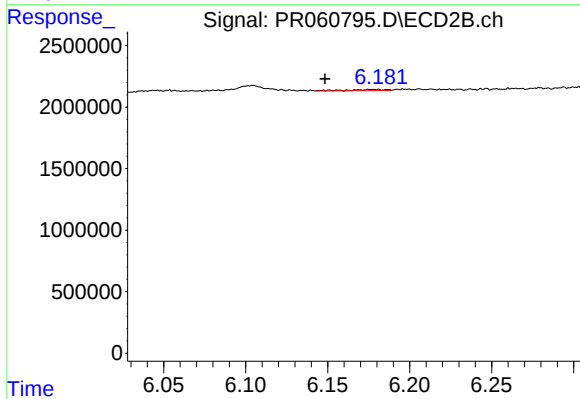
#35 AR-1260-5

R.T.: 6.683 min
Delta R.T.: -0.004 min
Response: 112400
Conc: 0.19 ng/ml



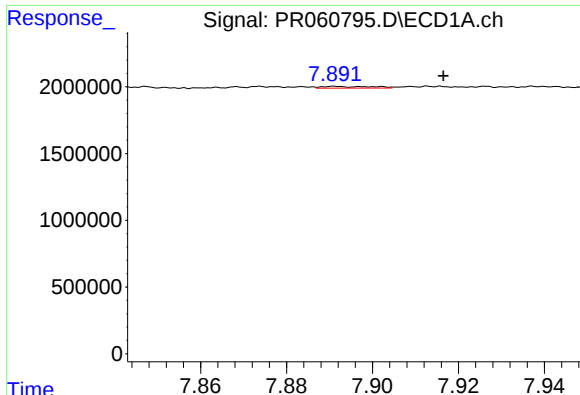
#36 AR-1262-1

R.T.: 7.312 min
Delta R.T.: -0.021 min
Response: 154458
Conc: 0.82 ng/ml



#36 AR-1262-1

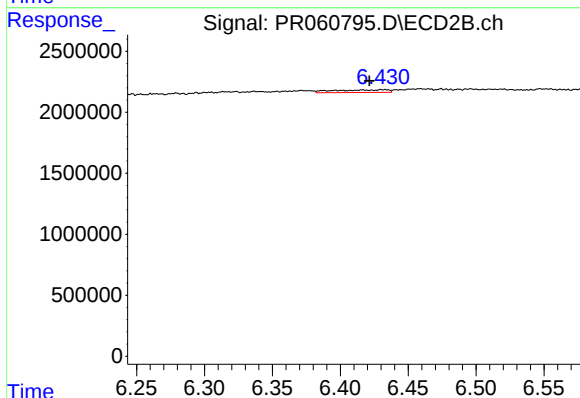
R.T.: 6.177 min
Delta R.T.: 0.029 min
Response: 160047
Conc: 0.51 ng/ml



#37 AR-1262-2

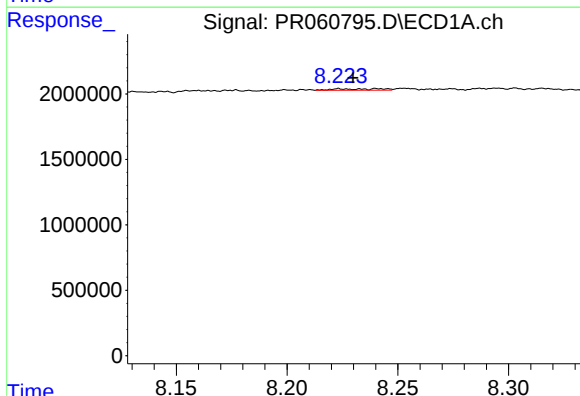
R.T.: 7.891 min
Delta R.T.: -0.025 min
Response: 105848
Conc: 0.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



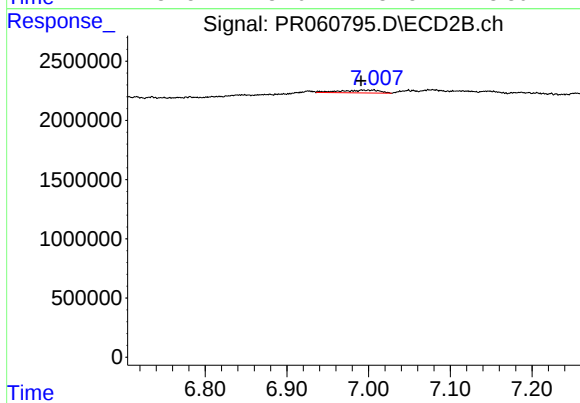
#37 AR-1262-2

R.T.: 6.431 min
Delta R.T.: 0.010 min
Response: 586853
Conc: 2.04 ng/ml



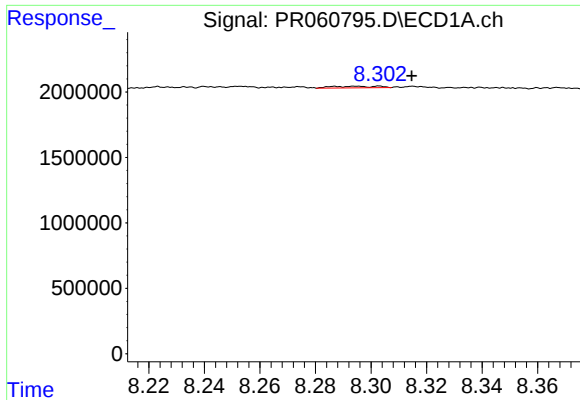
#38 AR-1262-3

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 167061
Conc: 0.73 ng/ml



#38 AR-1262-3

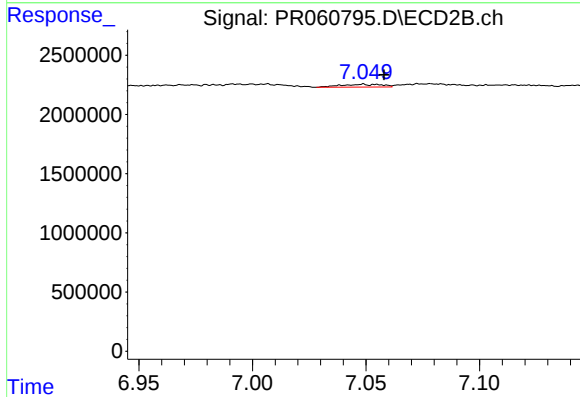
R.T.: 6.992 min
Delta R.T.: 0.002 min
Response: 780103
Conc: 3.44 ng/ml



#39 AR-1262-4

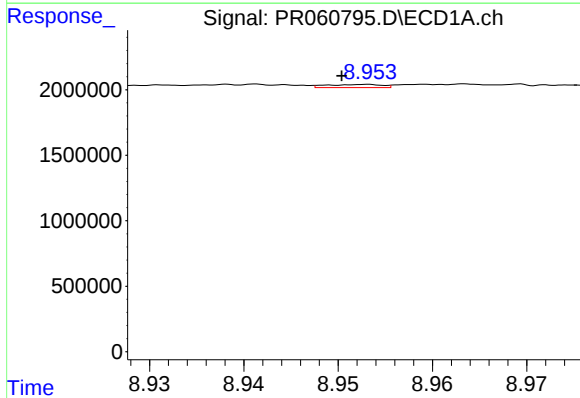
R.T.: 8.303 min
Delta R.T.: -0.012 min
Response: 135834
Conc: 0.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



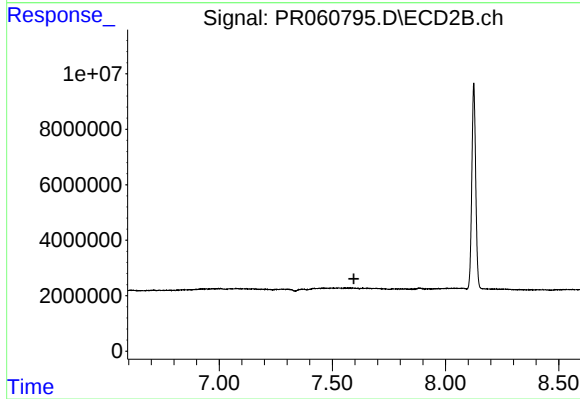
#39 AR-1262-4

R.T.: 7.049 min
Delta R.T.: -0.009 min
Response: 298795
Conc: 0.69 ng/ml



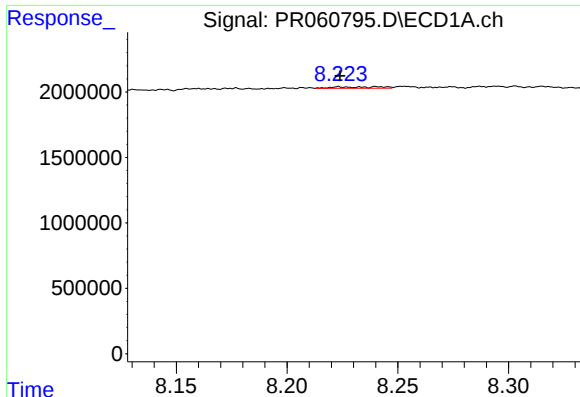
#40 AR-1262-5

R.T.: 8.953 min
Delta R.T.: 0.003 min
Response: 97722
Conc: 0.78 ng/ml



#40 AR-1262-5

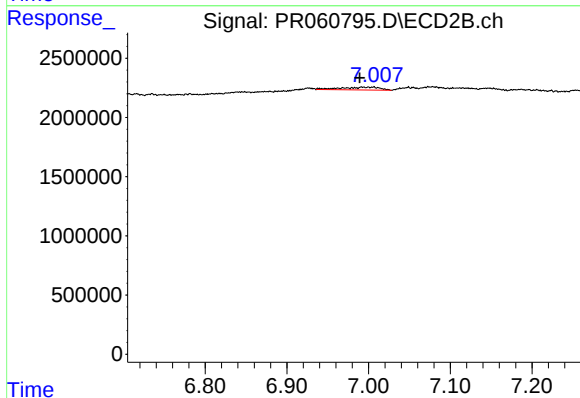
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#41 AR-1268-1

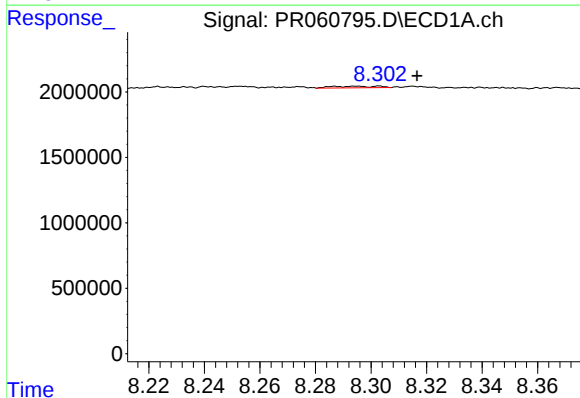
R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 167061
Conc: 0.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



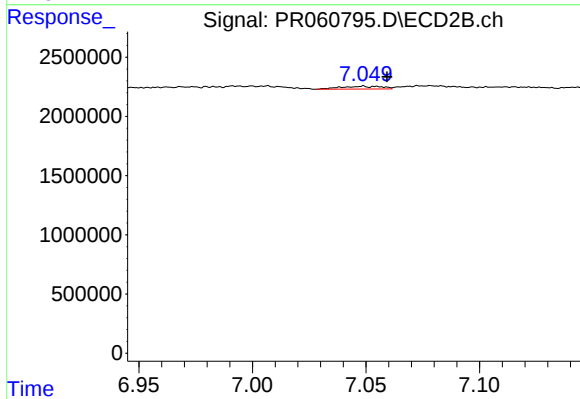
#41 AR-1268-1

R.T.: 6.992 min
Delta R.T.: 0.003 min
Response: 780103
Conc: 1.06 ng/ml



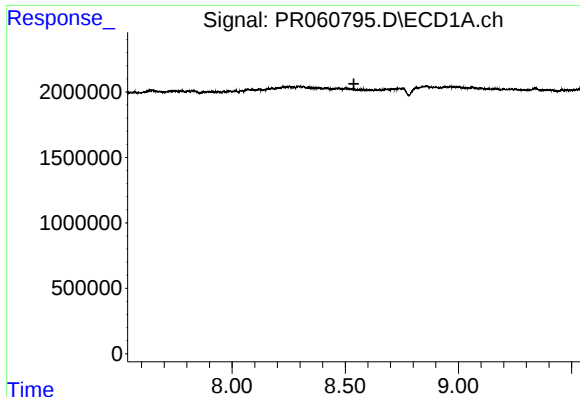
#42 AR-1268-2

R.T.: 8.303 min
Delta R.T.: -0.014 min
Response: 135834
Conc: 0.36 ng/ml



#42 AR-1268-2

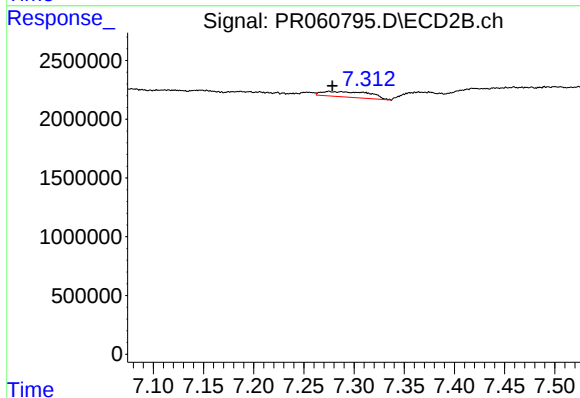
R.T.: 7.049 min
Delta R.T.: -0.011 min
Response: 298795
Conc: 0.45 ng/ml



#43 AR-1268-3

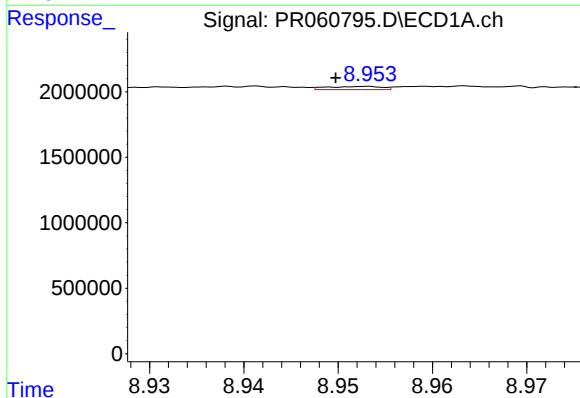
R.T.: 0.000 min
Exp R.T.: 8.538 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



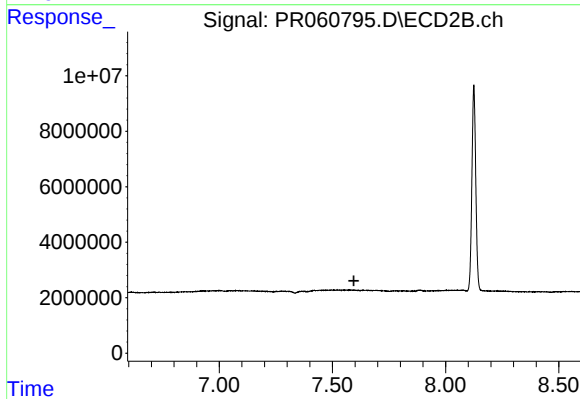
#43 AR-1268-3

R.T.: 7.275 min
Delta R.T.: -0.003 min
Response: 1536062
Conc: 2.70 ng/ml



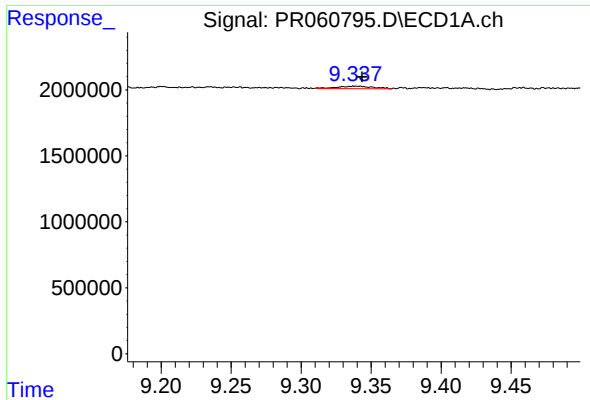
#44 AR-1268-4

R.T.: 8.953 min
Delta R.T.: 0.003 min
Response: 97722
Conc: 0.68 ng/ml



#44 AR-1268-4

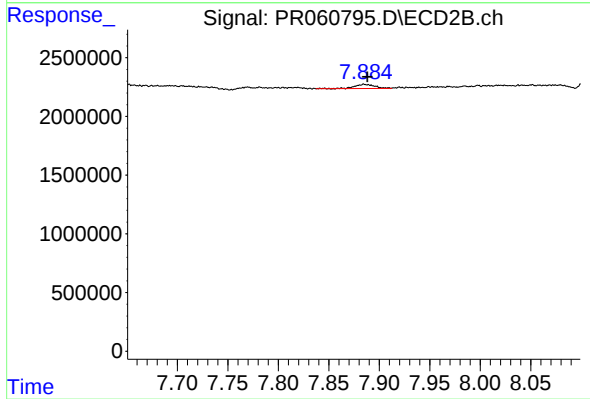
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.339 min
Delta R.T.: -0.004 min
Response: 343896
Conc: 0.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: -0.003 min
Response: 489218
Conc: 0.26 ng/ml