

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
 Data File : PR051436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 20:19
 Operator : AJ\MA
 Sample : M2940-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:48:58 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	102.5E6	93113431	12.543	12.522
2)	SA Decachlor...	10.501	8.830	123.8E6	93103401	12.889	11.645
Target Compounds							
3)	L1 AR-1016-1	5.810	4.899	1780704	3187830	4.908	10.834 #
4)	L1 AR-1016-2	5.833	4.899	1829615	3187830	3.526	7.550 #
5)	L1 AR-1016-3	5.896	5.089	1447658	612156	4.771	2.750 #
6)	L1 AR-1016-4	5.997	5.134	1284936	1413928	5.001	8.348 #
7)	L1 AR-1016-5	6.298	5.344	483434	170213	1.951	0.770 #
8)	L2 AR-1221-1	4.839	4.021	3013683	3457460	34.216	47.098 #
9)	L2 AR-1221-2	4.932	4.106	4093246	3179833	60.859	53.916
10)	L2 AR-1221-3	5.008	4.182	8785119	7538337	40.868	39.619
11)	L3 AR-1232-1	5.008	4.182	8785119	7538337	48.658	46.684
12)	L3 AR-1232-2	5.542	4.899	1208754	3187830	12.434	19.016 #
13)	L3 AR-1232-3	5.833	5.089	1829615	612156	8.752	7.024
14)	L3 AR-1232-4	5.997	5.170	1284936	294370	12.445	4.002 #
15)	L3 AR-1232-5	6.081	5.344	342779	170213	4.564	2.092 #
16)	L4 AR-1242-1	5.810	4.899	1780704	3187830	6.957	15.382 #
17)	L4 AR-1242-2	5.833	4.899	1829615	3187830	4.840	10.513 #
18)	L4 AR-1242-3	5.896	5.089	1447658	612156	6.580	3.836 #
19)	L4 AR-1242-4	5.997	5.170	1284936	294370	6.893	1.992 #
20)	L4 AR-1242-5	6.734	5.695	715874	272485	3.271	1.359 #
21)	L5 AR-1248-1	5.810	4.899	1780704	3187830	8.444	18.686 #
22)	L5 AR-1248-2	6.081	5.134	342779	1413928	1.171	6.173 #
23)	L5 AR-1248-3	6.298	5.170	483434	294370	1.447	1.237
24)	L5 AR-1248-4	6.699	5.344	1258001	170213	3.026	0.593 #
25)	L5 AR-1248-5	6.734	5.734	715874	114446	1.795	0.373 #
26)	L6 AR-1254-1	6.670	5.695	1376147	272485	3.883	0.663 #
27)	L6 AR-1254-2	0.000	5.827	0	204757	N.D.	0.589 #
28)	L6 AR-1254-3	7.281f	0.000	3650543	0	6.098	N.D. #
29)	L6 AR-1254-4	7.541	0.000	3338705	0	6.792	N.D. #
30)	L6 AR-1254-5	7.971	0.000	1211325	0	2.557	N.D. #
31)	L7 AR-1260-1	7.440f	0.000	645669	0	1.353	N.D. #
32)	L7 AR-1260-2	7.685	6.558	2245566	14696	3.555	0.029 #
33)	L7 AR-1260-3	8.034	6.687f	2466384	211184	4.933	0.431 #
34)	L7 AR-1260-4	8.282	0.000	2911882	0	5.686	N.D. #
35)	L7 AR-1260-5	8.592f	0.000	849181	0	0.737	N.D. #
36)	L8 AR-1262-1	8.034	0.000	2466384	0	3.757	N.D. #
37)	L8 AR-1262-2	8.592f	0.000	849181	0	0.707	N.D. #
38)	L8 AR-1262-3	8.929	7.711	712498	62162	0.934	0.169 #
39)	L8 AR-1262-4	9.029	0.000	2749103	0	4.721	N.D. #
41)	L9 AR-1268-1	8.929	7.711	712498	62162	0.504	0.058 #
42)	L9 AR-1268-2	9.029	0.000	2749103	0	2.153	N.D. #

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 Misc : AR1221 LOD 40 PPB
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:48:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	9.262	0.000	7544641	0	6.758	N.D. #
45) L9	AR-1268-5	10.151	8.568	2365084	1021107	0.647	0.367 #

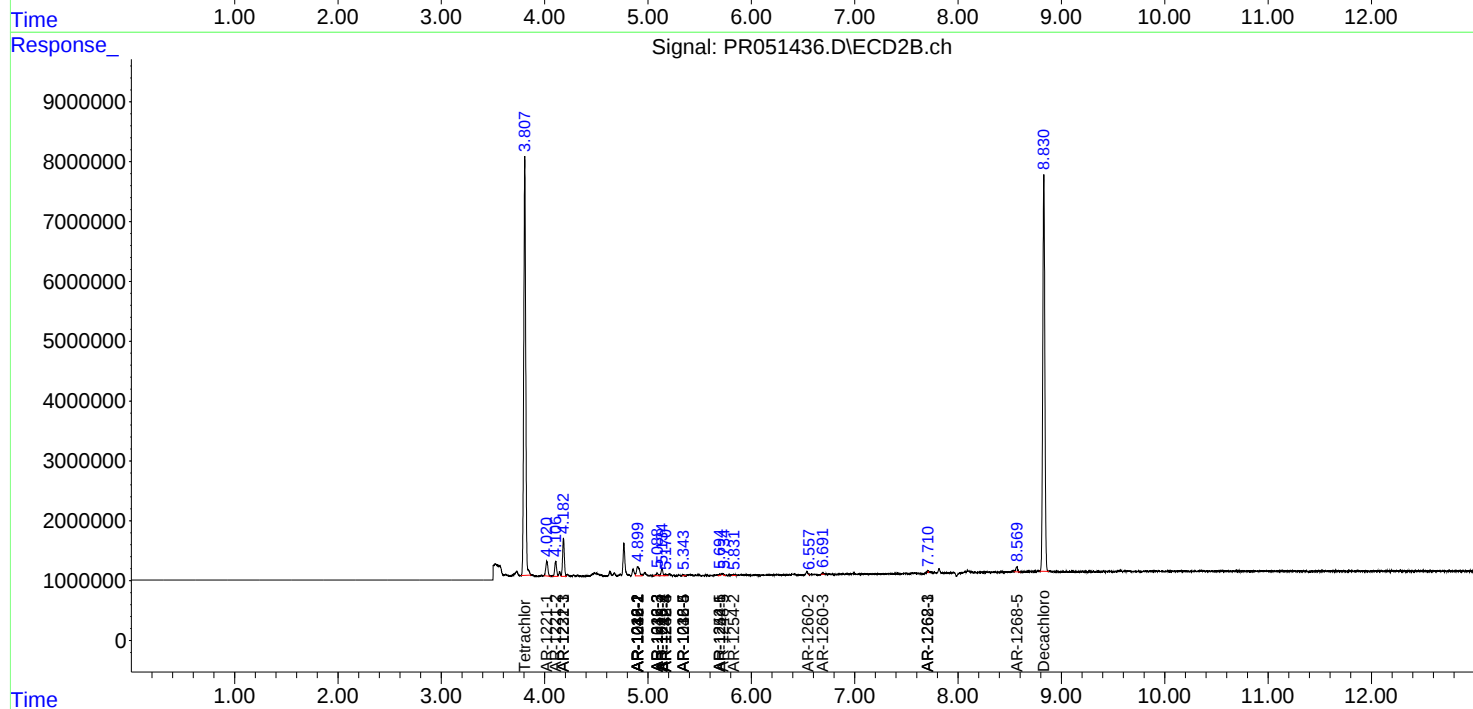
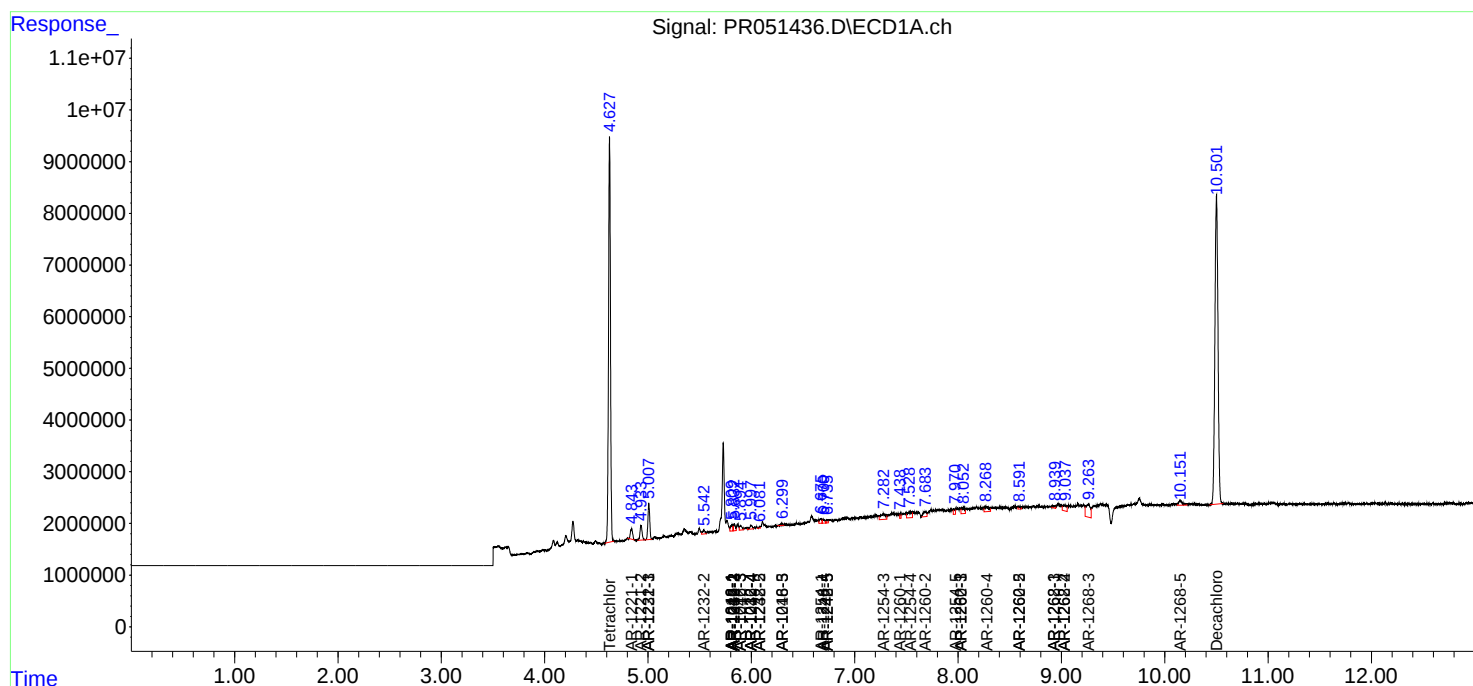
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

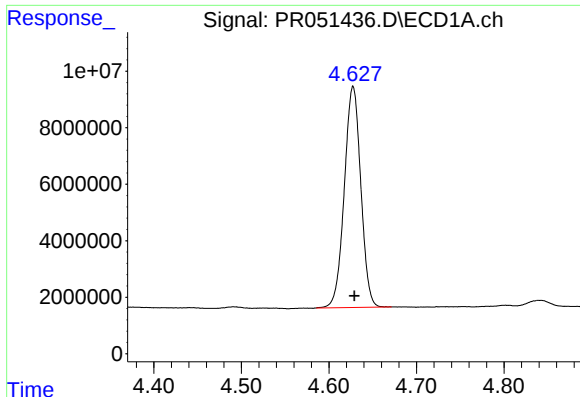
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

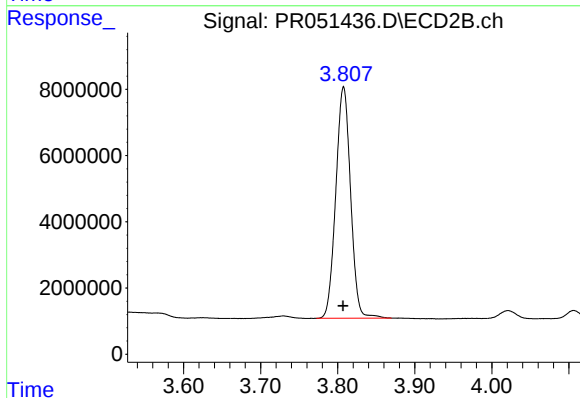




#1 Tetrachloro-m-xylene

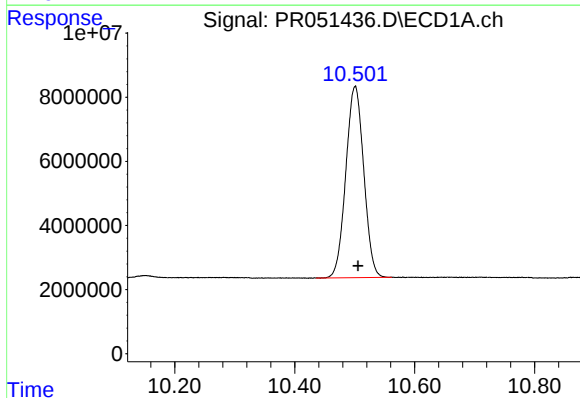
R.T.: 4.628 min
Delta R.T.: -0.001 min
Response: 102511329
Conc: 12.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



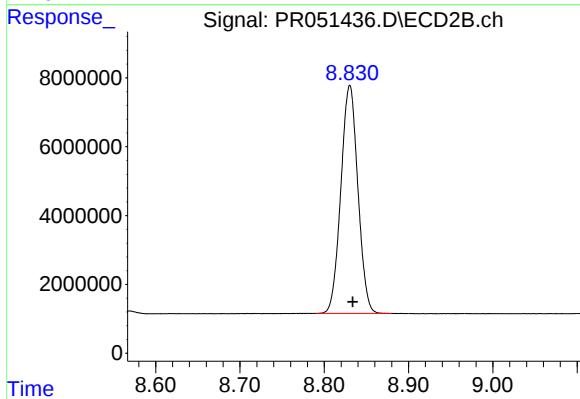
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 93113431
Conc: 12.52 ng/ml



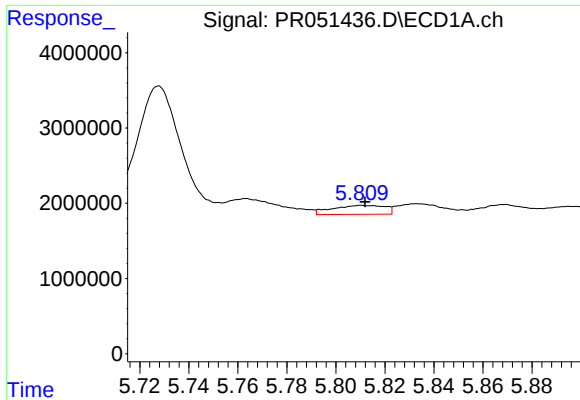
#2 Decachlorobiphenyl

R.T.: 10.501 min
Delta R.T.: -0.005 min
Response: 123801183
Conc: 12.89 ng/ml



#2 Decachlorobiphenyl

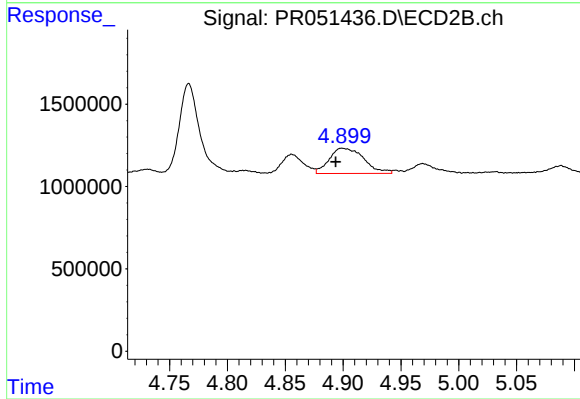
R.T.: 8.830 min
Delta R.T.: -0.003 min
Response: 93103401
Conc: 11.64 ng/ml



#3 AR-1016-1

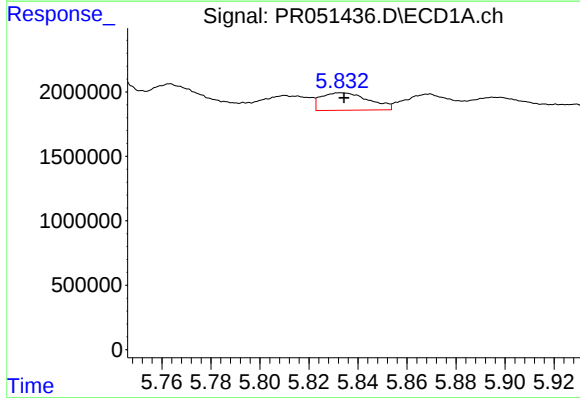
R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 1780704
Conc: 4.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



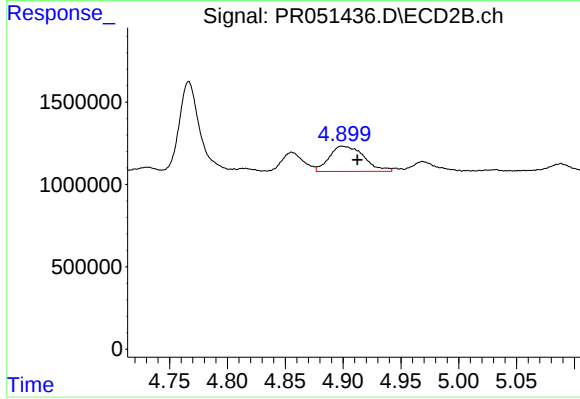
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.005 min
Response: 3187830
Conc: 10.83 ng/ml



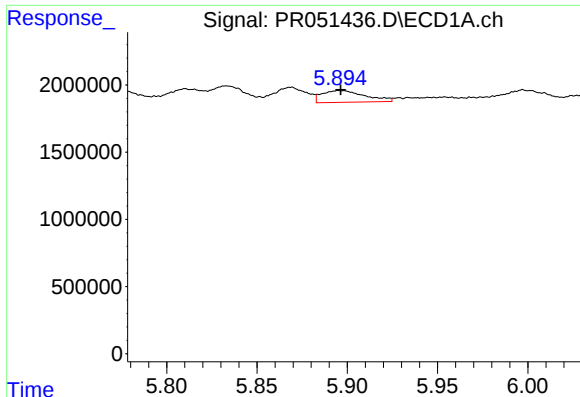
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: -0.001 min
Response: 1829615
Conc: 3.53 ng/ml



#4 AR-1016-2

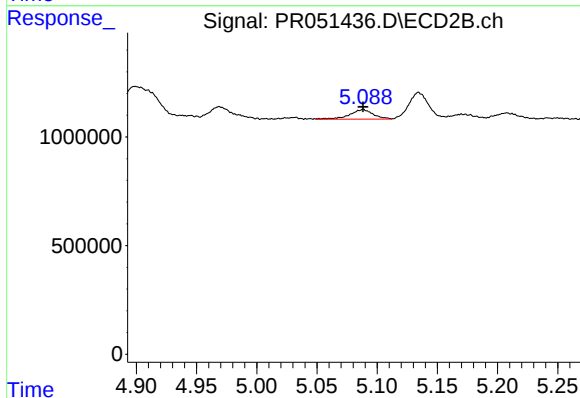
R.T.: 4.899 min
Delta R.T.: -0.013 min
Response: 3187830
Conc: 7.55 ng/ml



#5 AR-1016-3

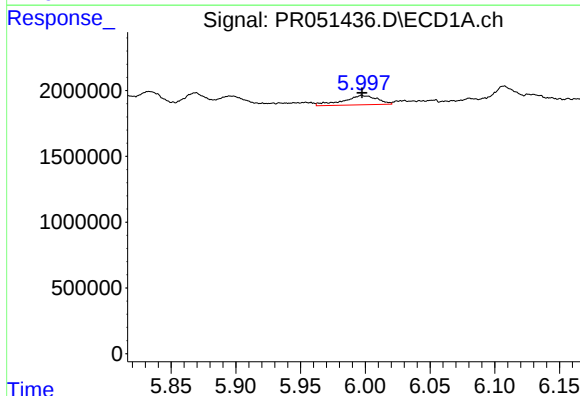
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1447658
Conc: 4.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



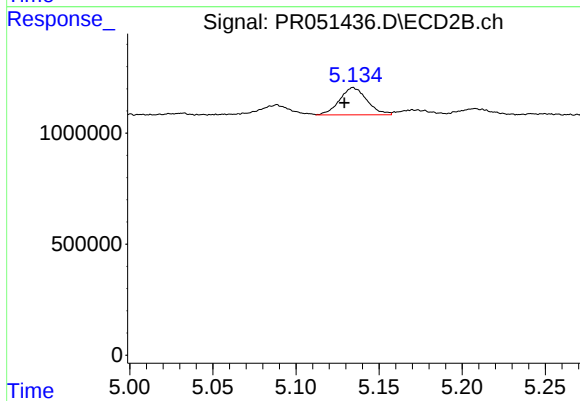
#5 AR-1016-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 612156
Conc: 2.75 ng/ml



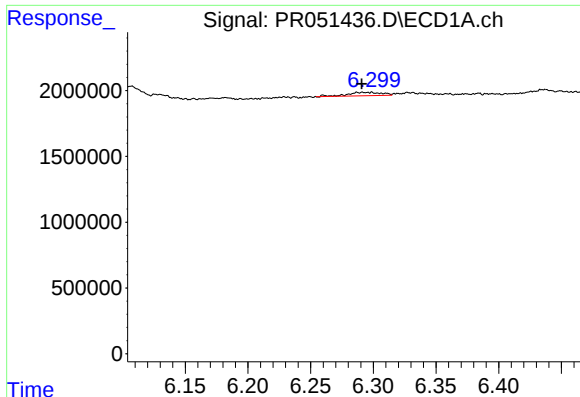
#6 AR-1016-4

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 1284936
Conc: 5.00 ng/ml



#6 AR-1016-4

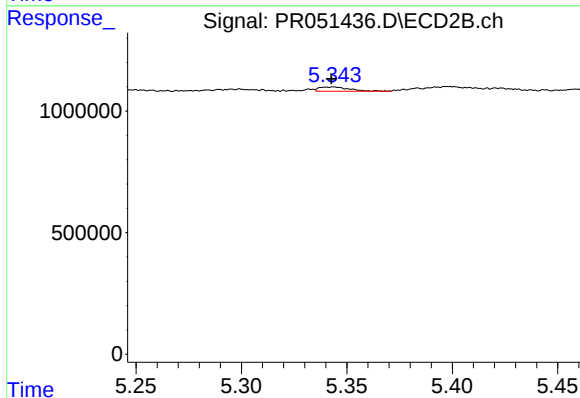
R.T.: 5.134 min
Delta R.T.: 0.005 min
Response: 1413928
Conc: 8.35 ng/ml



#7 AR-1016-5

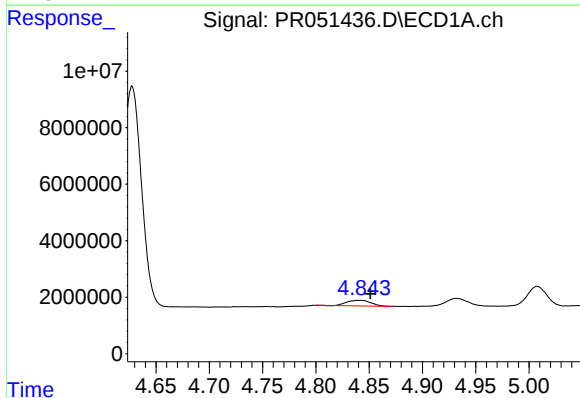
R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 483434
Conc: 1.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



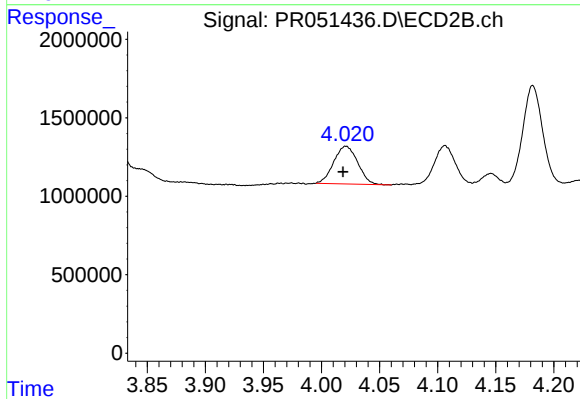
#7 AR-1016-5

R.T.: 5.344 min
Delta R.T.: 0.001 min
Response: 170213
Conc: 0.77 ng/ml



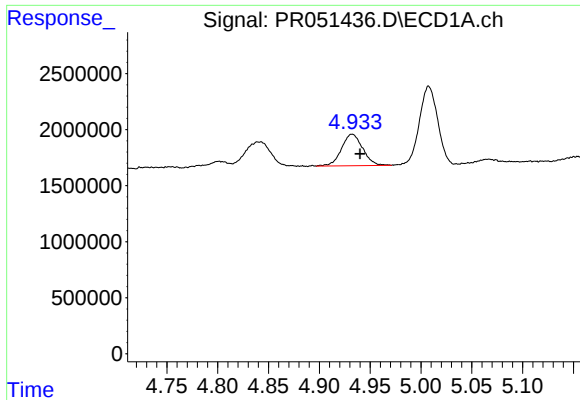
#8 AR-1221-1

R.T.: 4.839 min
Delta R.T.: -0.012 min
Response: 3013683
Conc: 34.22 ng/ml



#8 AR-1221-1

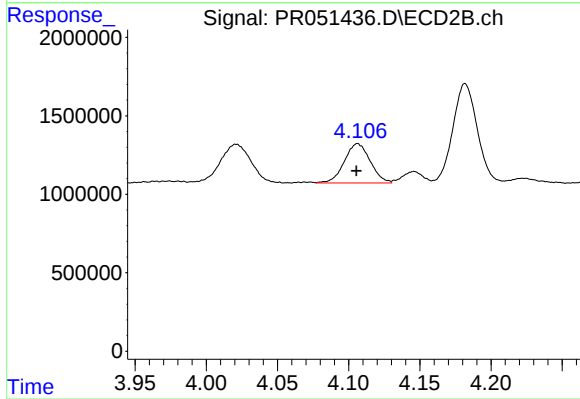
R.T.: 4.021 min
Delta R.T.: 0.002 min
Response: 3457460
Conc: 47.10 ng/ml



#9 AR-1221-2

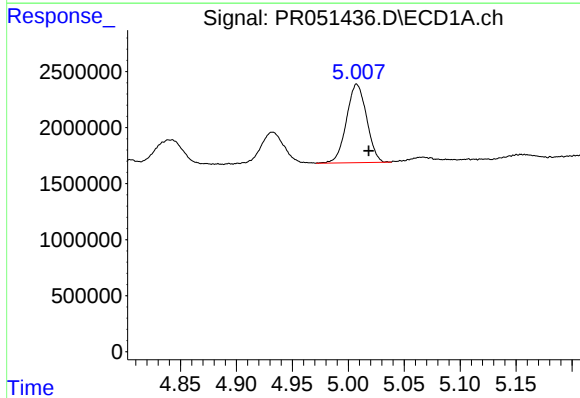
R.T.: 4.932 min
Delta R.T.: -0.008 min
Response: 4093246
Conc: 60.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



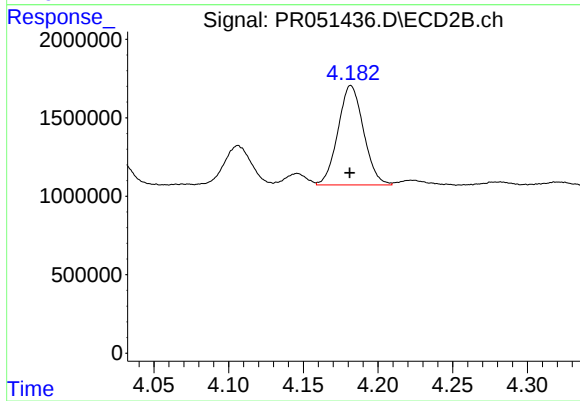
#9 AR-1221-2

R.T.: 4.106 min
Delta R.T.: 0.000 min
Response: 3179833
Conc: 53.92 ng/ml



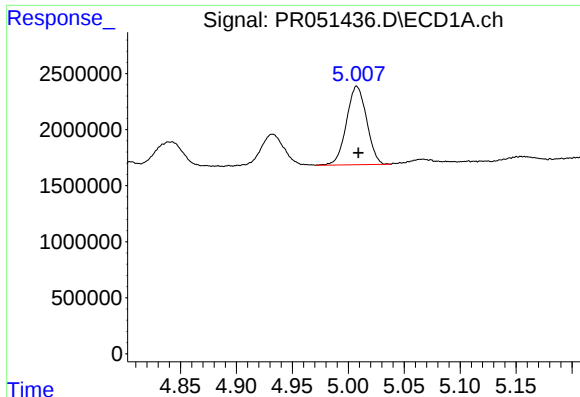
#10 AR-1221-3

R.T.: 5.008 min
Delta R.T.: -0.011 min
Response: 8785119
Conc: 40.87 ng/ml



#10 AR-1221-3

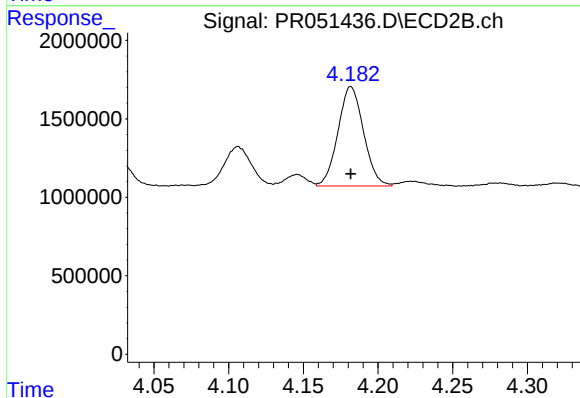
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 7538337
Conc: 39.62 ng/ml



#11 AR-1232-1

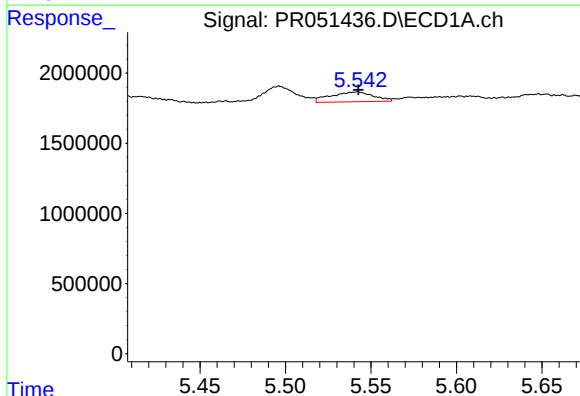
R.T.: 5.008 min
Delta R.T.: -0.001 min
Response: 8785119
Conc: 48.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



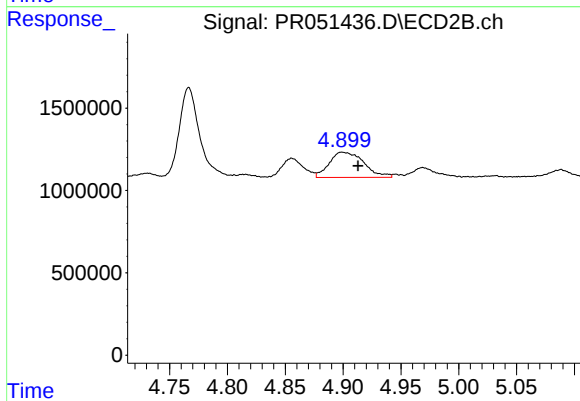
#11 AR-1232-1

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 7538337
Conc: 46.68 ng/ml



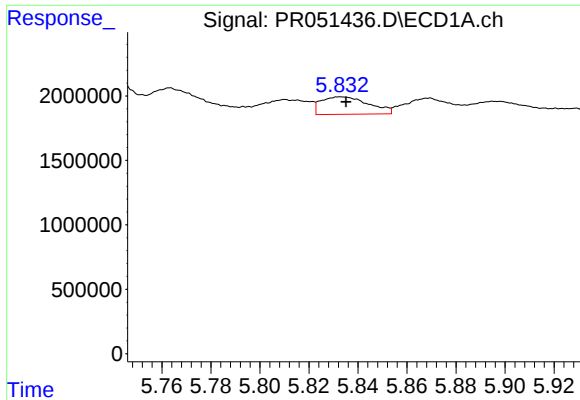
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 1208754
Conc: 12.43 ng/ml



#12 AR-1232-2

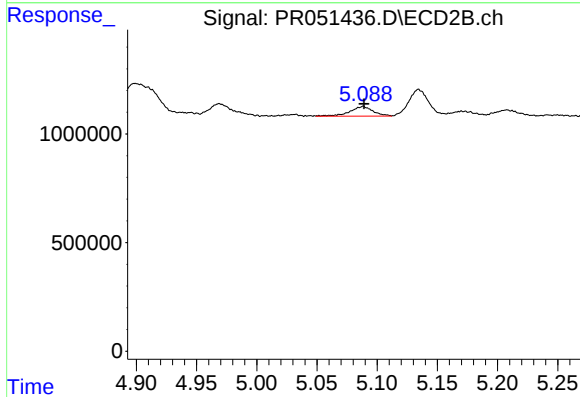
R.T.: 4.899 min
Delta R.T.: -0.014 min
Response: 3187830
Conc: 19.02 ng/ml



#13 AR-1232-3

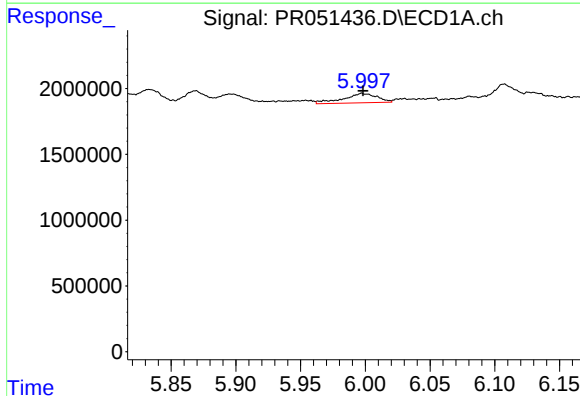
R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 1829615
Conc: 8.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



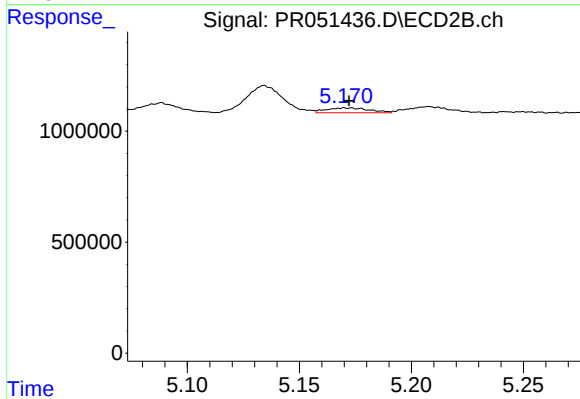
#13 AR-1232-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 612156
Conc: 7.02 ng/ml



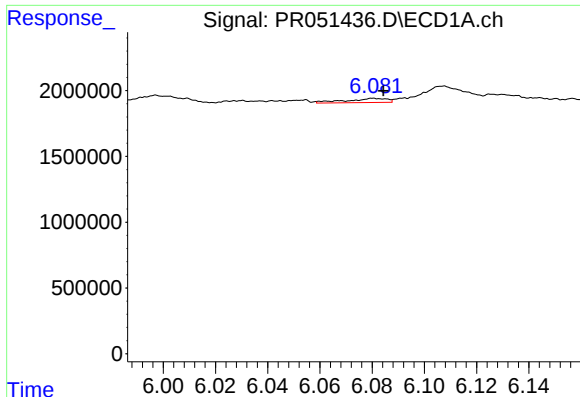
#14 AR-1232-4

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 1284936
Conc: 12.44 ng/ml



#14 AR-1232-4

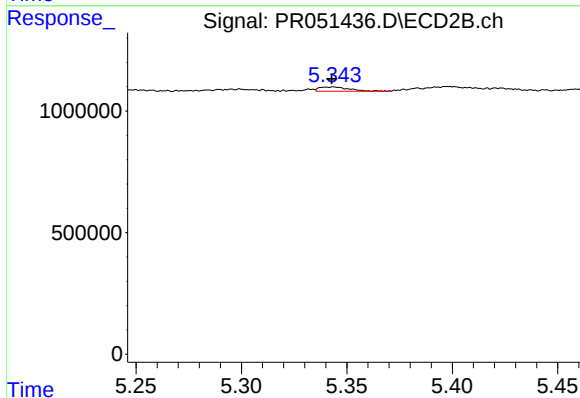
R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 294370
Conc: 4.00 ng/ml



#15 AR-1232-5

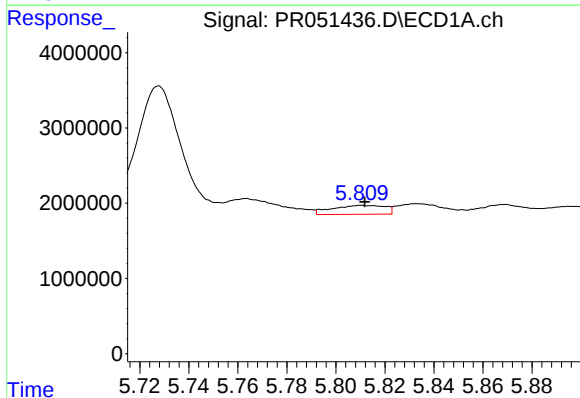
R.T.: 6.081 min
Delta R.T.: -0.004 min
Response: 342779
Conc: 4.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



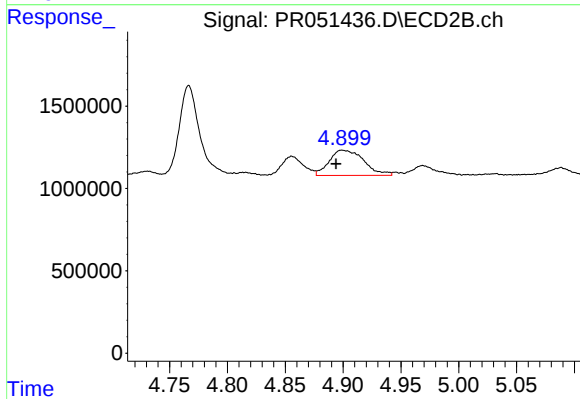
#15 AR-1232-5

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 170213
Conc: 2.09 ng/ml



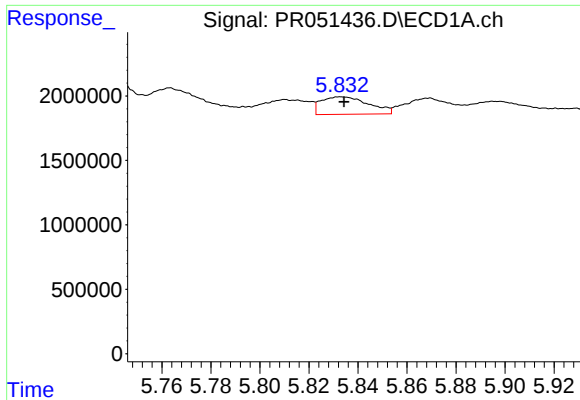
#16 AR-1242-1

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 1780704
Conc: 6.96 ng/ml



#16 AR-1242-1

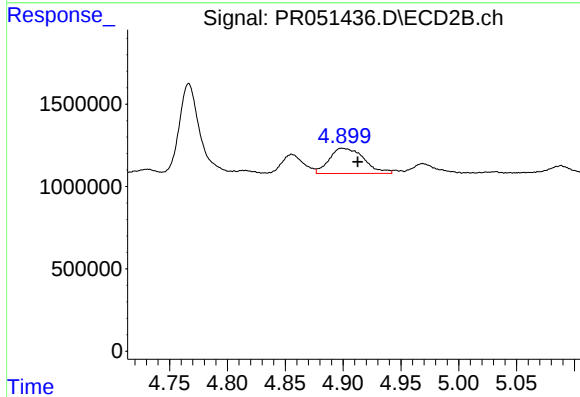
R.T.: 4.899 min
Delta R.T.: 0.005 min
Response: 3187830
Conc: 15.38 ng/ml



#17 AR-1242-2

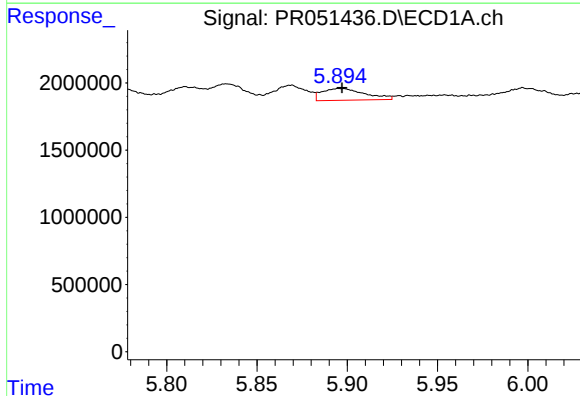
R.T.: 5.833 min
Delta R.T.: -0.001 min
Response: 1829615
Conc: 4.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



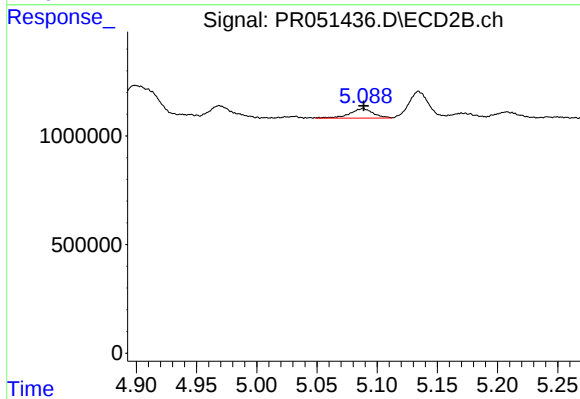
#17 AR-1242-2

R.T.: 4.899 min
Delta R.T.: -0.014 min
Response: 3187830
Conc: 10.51 ng/ml



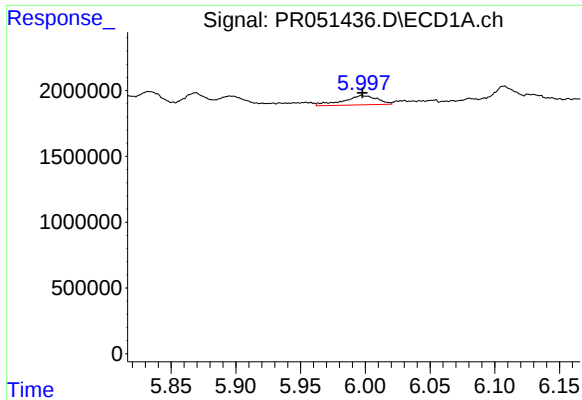
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1447658
Conc: 6.58 ng/ml



#18 AR-1242-3

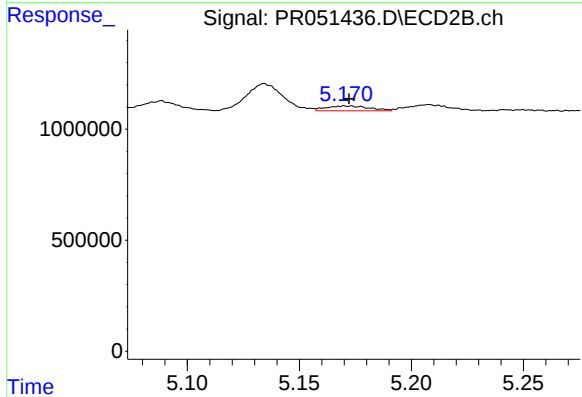
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 612156
Conc: 3.84 ng/ml



#19 AR-1242-4

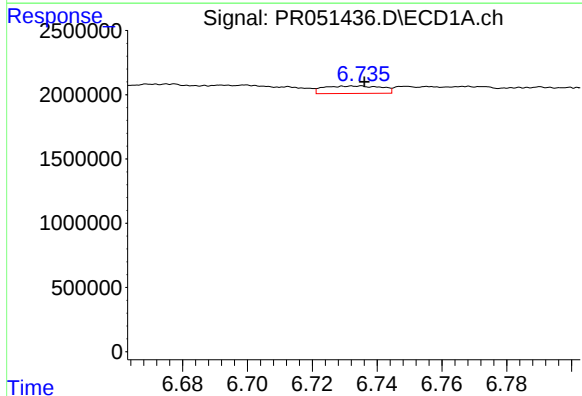
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 1284936
Conc: 6.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



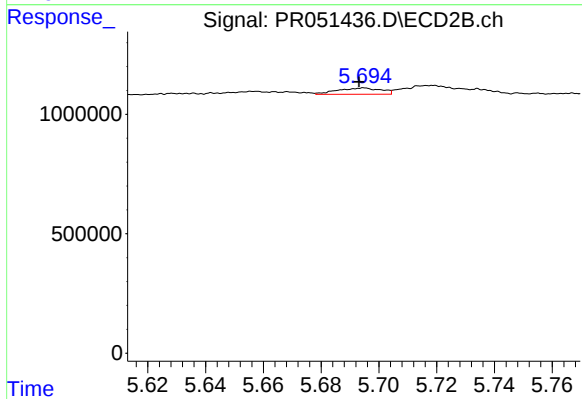
#19 AR-1242-4

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 294370
Conc: 1.99 ng/ml



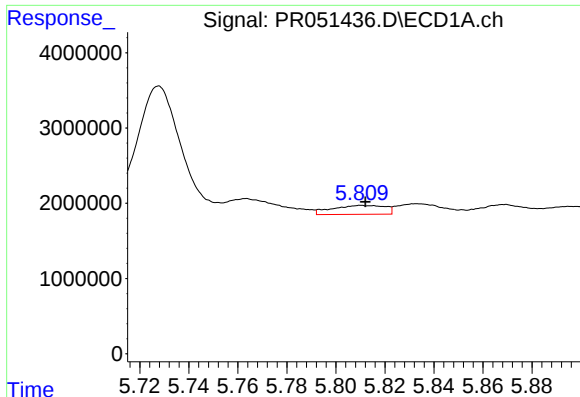
#20 AR-1242-5

R.T.: 6.734 min
Delta R.T.: -0.002 min
Response: 715874
Conc: 3.27 ng/ml



#20 AR-1242-5

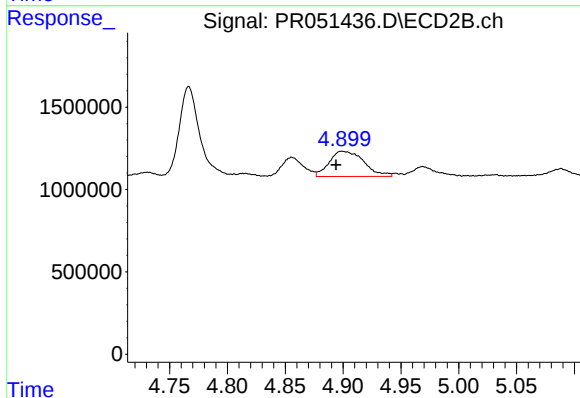
R.T.: 5.695 min
Delta R.T.: 0.002 min
Response: 272485
Conc: 1.36 ng/ml



#21 AR-1248-1

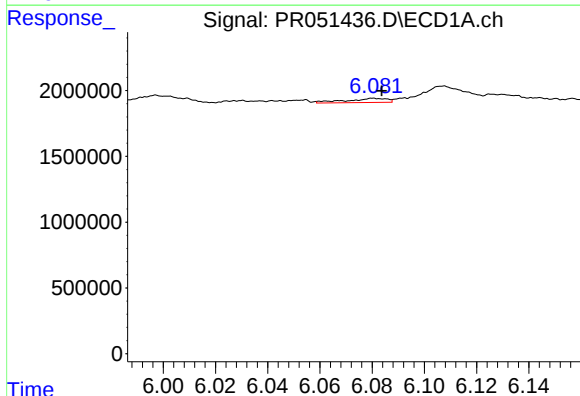
R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 1780704
Conc: 8.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



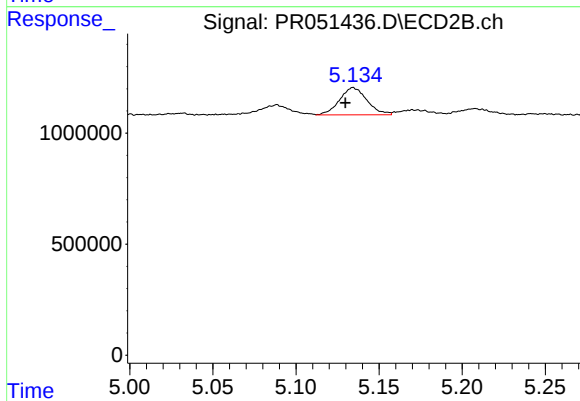
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.005 min
Response: 3187830
Conc: 18.69 ng/ml



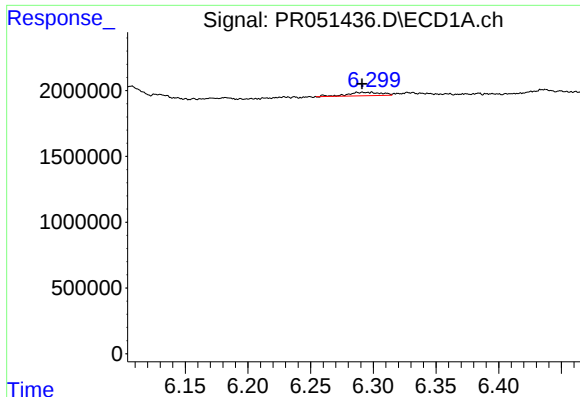
#22 AR-1248-2

R.T.: 6.081 min
Delta R.T.: -0.003 min
Response: 342779
Conc: 1.17 ng/ml



#22 AR-1248-2

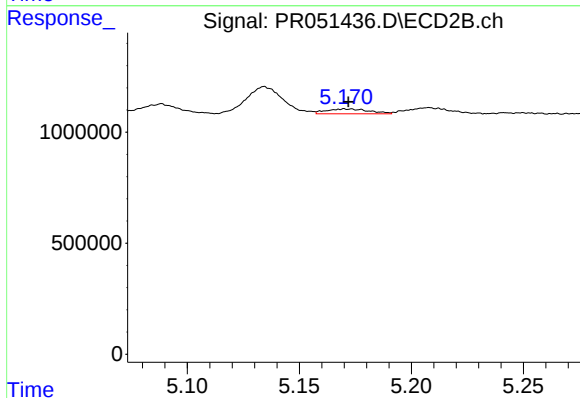
R.T.: 5.134 min
Delta R.T.: 0.005 min
Response: 1413928
Conc: 6.17 ng/ml



#23 AR-1248-3

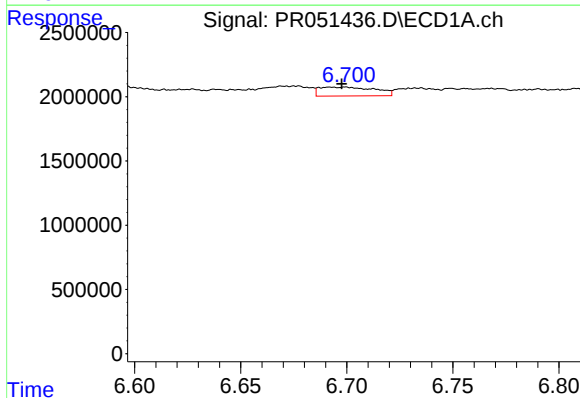
R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 483434
Conc: 1.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



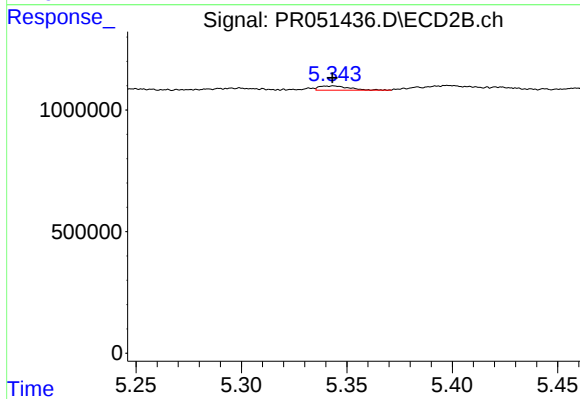
#23 AR-1248-3

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 294370
Conc: 1.24 ng/ml



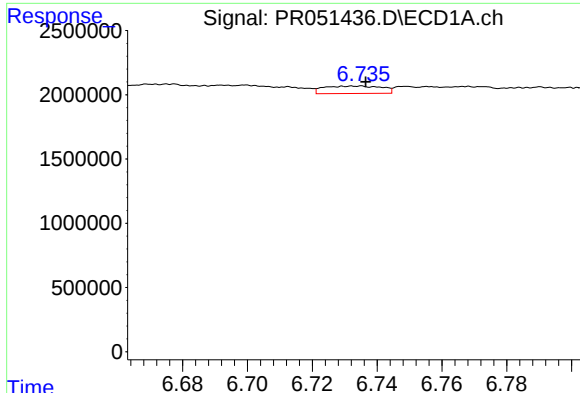
#24 AR-1248-4

R.T.: 6.699 min
Delta R.T.: 0.002 min
Response: 1258001
Conc: 3.03 ng/ml



#24 AR-1248-4

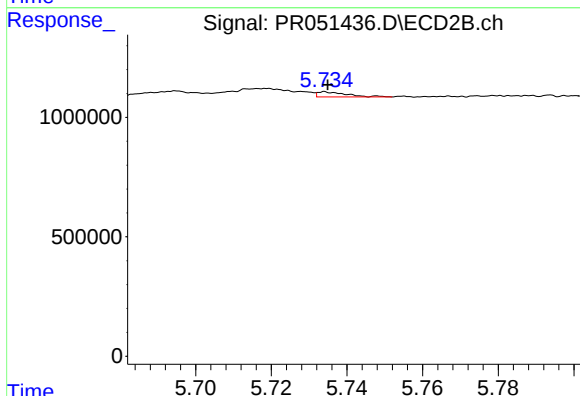
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 170213
Conc: 0.59 ng/ml



#25 AR-1248-5

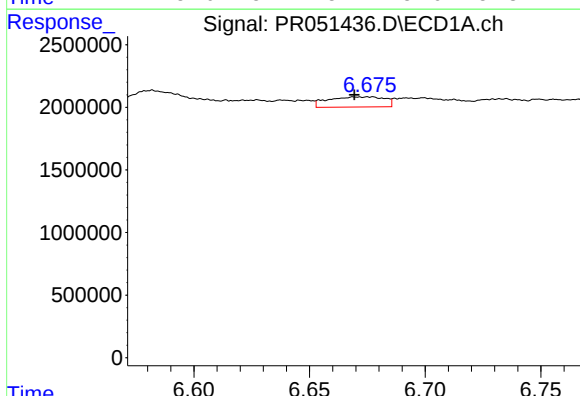
R.T.: 6.734 min
Delta R.T.: -0.002 min
Response: 715874
Conc: 1.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



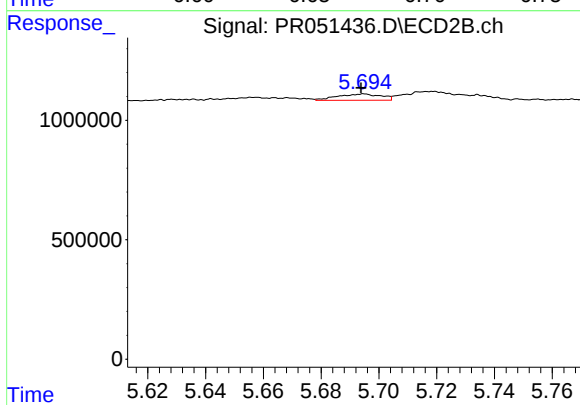
#25 AR-1248-5

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 114446
Conc: 0.37 ng/ml



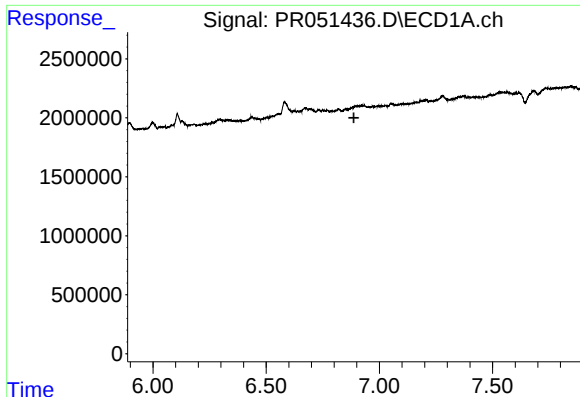
#26 AR-1254-1

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 1376147
Conc: 3.88 ng/ml



#26 AR-1254-1

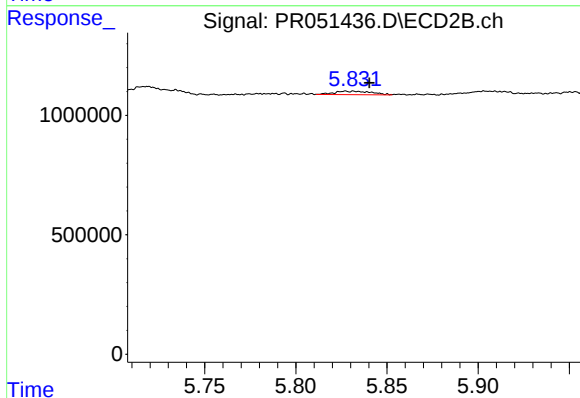
R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 272485
Conc: 0.66 ng/ml



#27 AR-1254-2

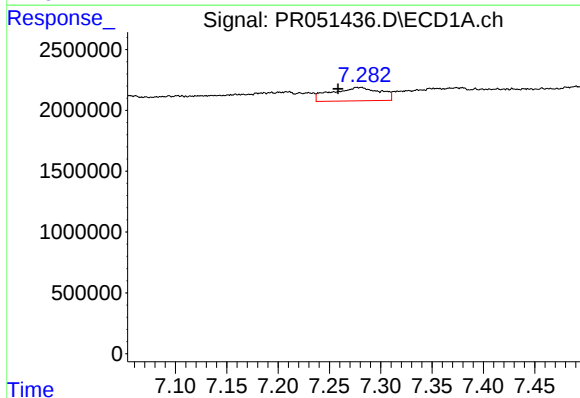
R.T.: 0.000 min
Exp R.T.: 6.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



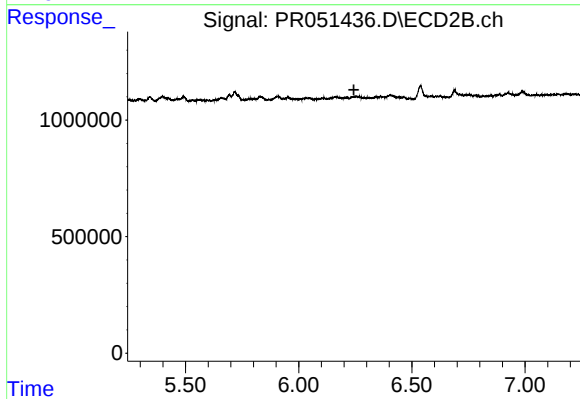
#27 AR-1254-2

R.T.: 5.827 min
Delta R.T.: -0.013 min
Response: 204757
Conc: 0.59 ng/ml



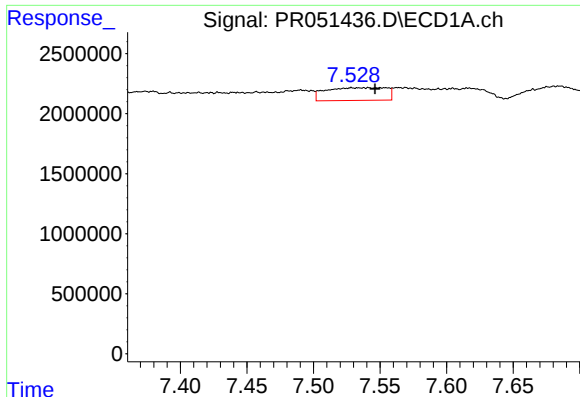
#28 AR-1254-3

R.T.: 7.281 min
Delta R.T.: 0.022 min
Response: 3650543
Conc: 6.10 ng/ml



#28 AR-1254-3

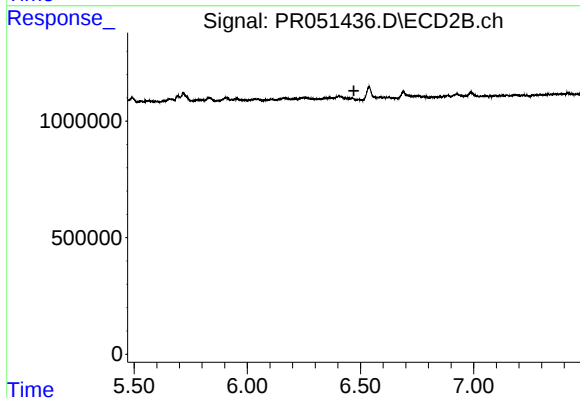
R.T.: 0.000 min
Exp R.T.: 6.244 min
Response: 0
Conc: N.D.



#29 AR-1254-4

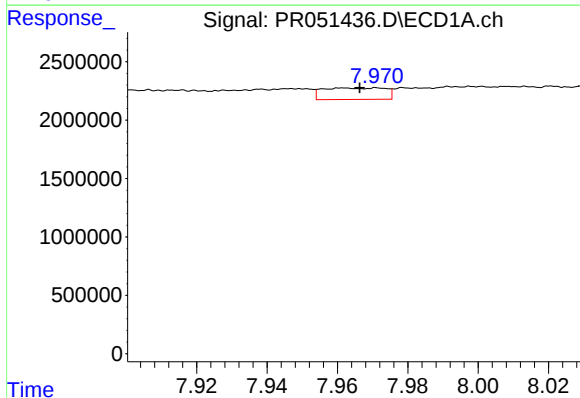
R.T.: 7.541 min
Delta R.T.: -0.005 min
Response: 3338705
Conc: 6.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



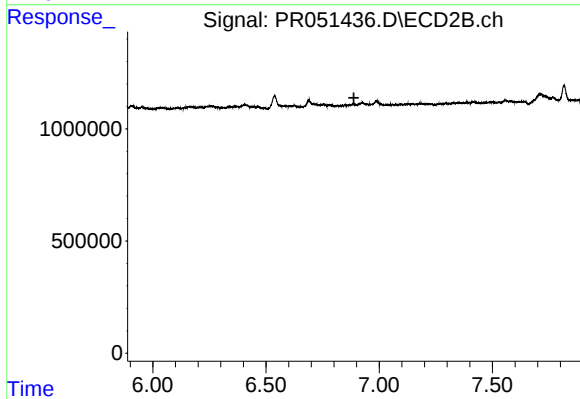
#29 AR-1254-4

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



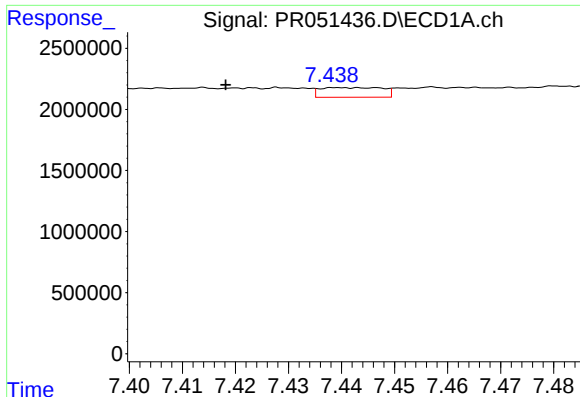
#30 AR-1254-5

R.T.: 7.971 min
Delta R.T.: 0.005 min
Response: 1211325
Conc: 2.56 ng/ml



#30 AR-1254-5

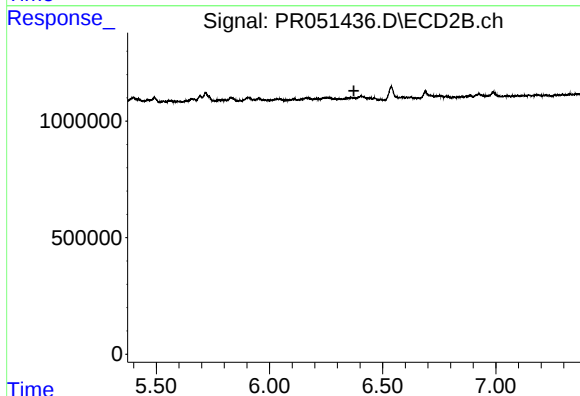
R.T.: 0.000 min
Exp R.T. : 6.888 min
Response: 0
Conc: N.D.



#31 AR-1260-1

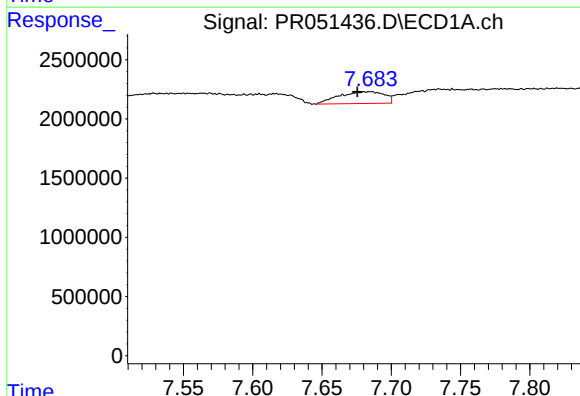
R.T.: 7.440 min
Delta R.T.: 0.022 min
Response: 645669
Conc: 1.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



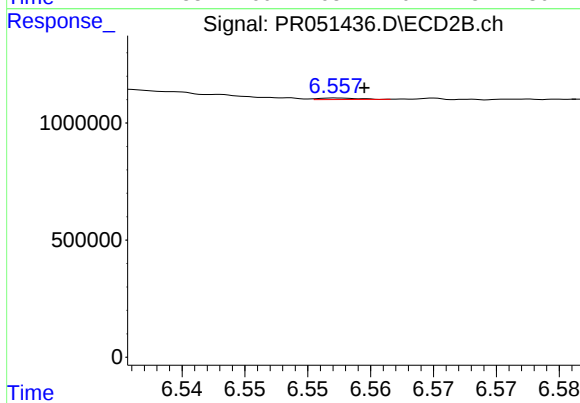
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.373 min
Response: 0
Conc: N.D.



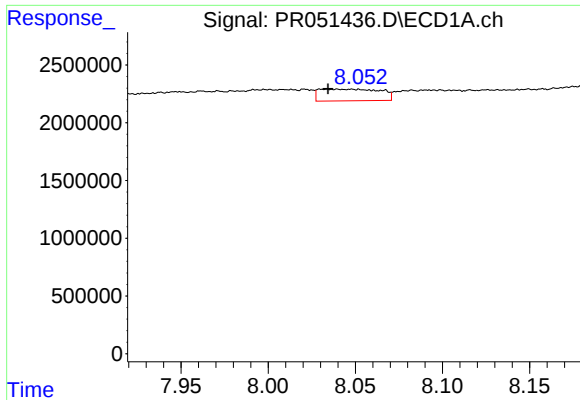
#32 AR-1260-2

R.T.: 7.685 min
Delta R.T.: 0.010 min
Response: 2245566
Conc: 3.56 ng/ml



#32 AR-1260-2

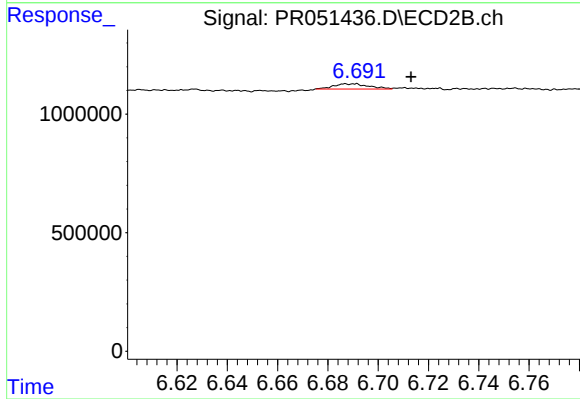
R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 14696
Conc: 0.03 ng/ml



#33 AR-1260-3

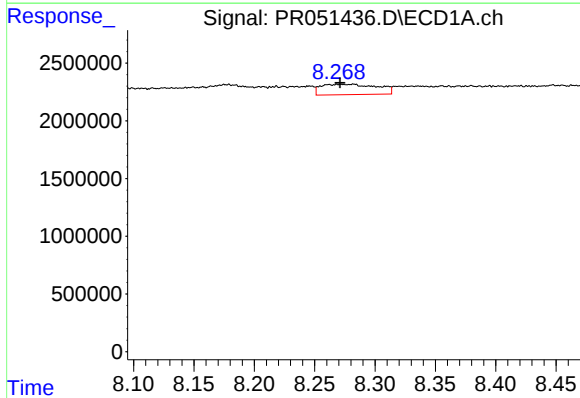
R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 2466384
Conc: 4.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



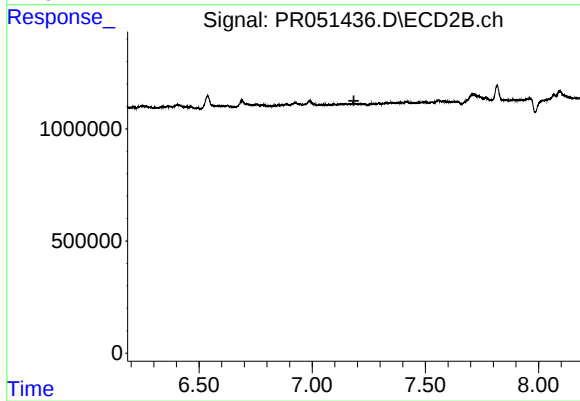
#33 AR-1260-3

R.T.: 6.687 min
Delta R.T.: -0.026 min
Response: 211184
Conc: 0.43 ng/ml



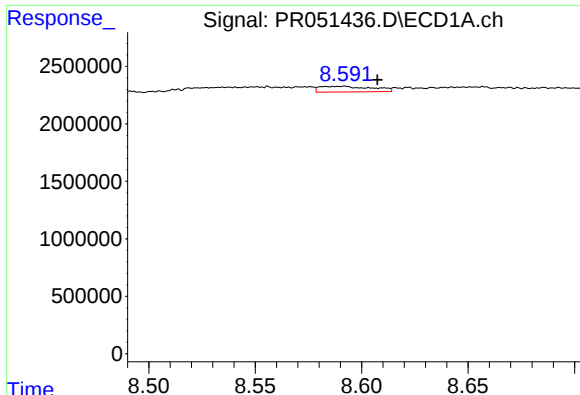
#34 AR-1260-4

R.T.: 8.282 min
Delta R.T.: 0.011 min
Response: 2911882
Conc: 5.69 ng/ml



#34 AR-1260-4

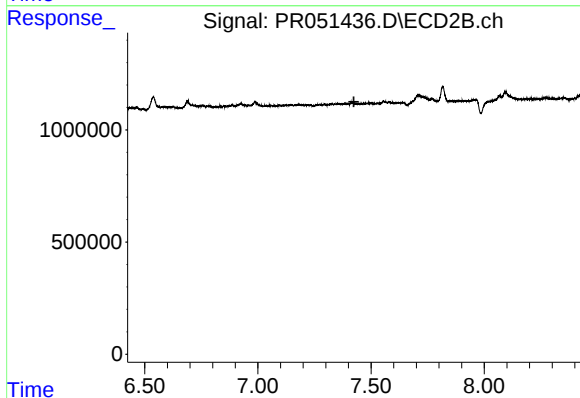
R.T.: 0.000 min
Exp R.T.: 7.184 min
Response: 0
Conc: N.D.



#35 AR-1260-5

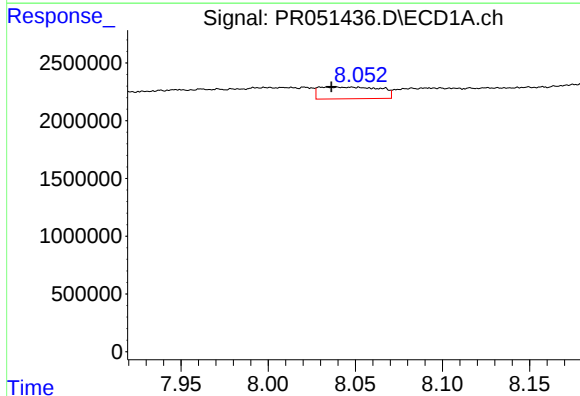
R.T.: 8.592 min
Delta R.T.: -0.016 min
Response: 849181
Conc: 0.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



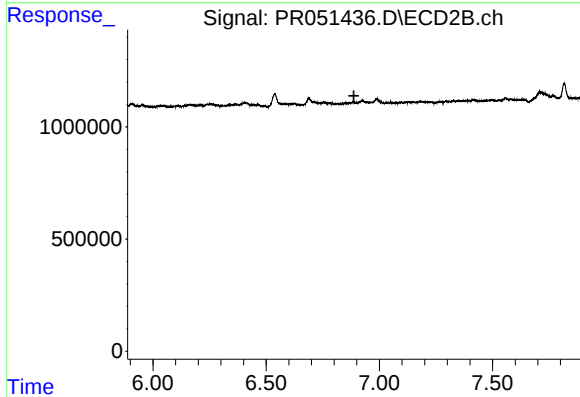
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.424 min
Response: 0
Conc: N.D.



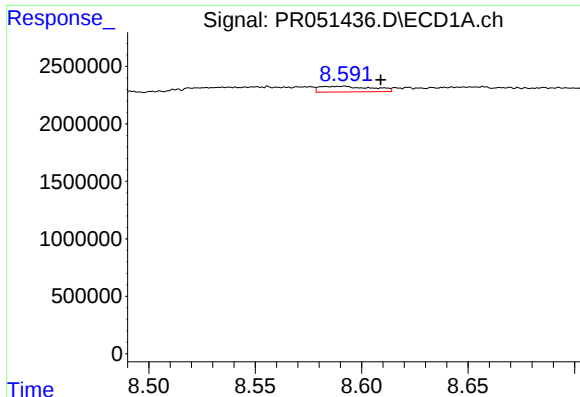
#36 AR-1262-1

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 2466384
Conc: 3.76 ng/ml



#36 AR-1262-1

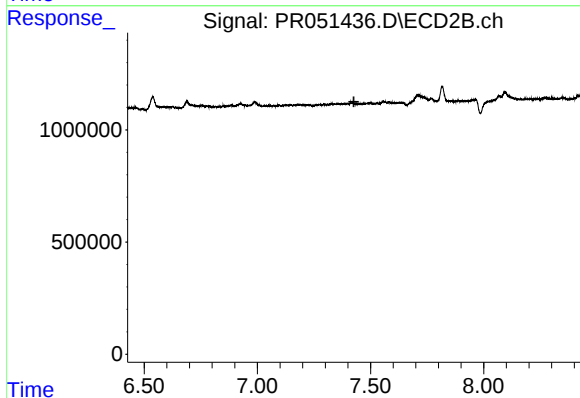
R.T.: 0.000 min
Exp R.T. : 6.888 min
Response: 0
Conc: N.D.



#37 AR-1262-2

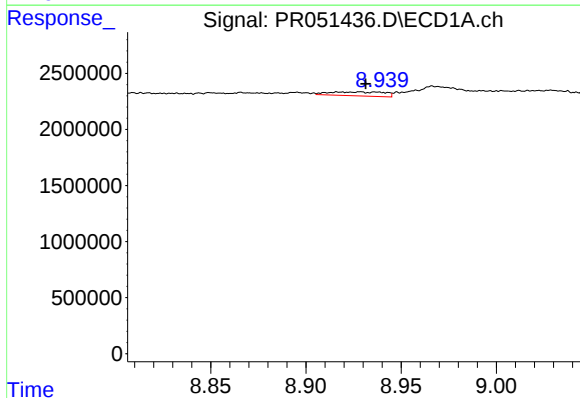
R.T.: 8.592 min
Delta R.T.: -0.017 min
Response: 849181
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



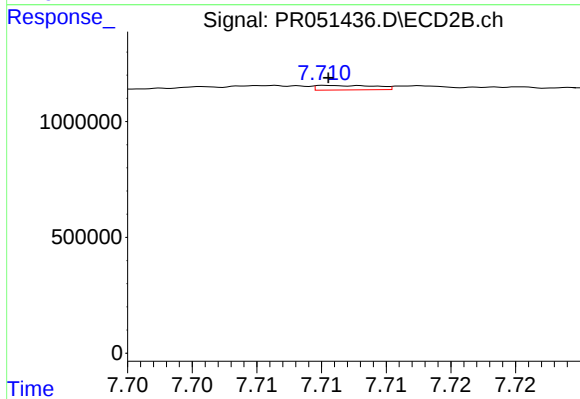
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.426 min
Response: 0
Conc: N.D.



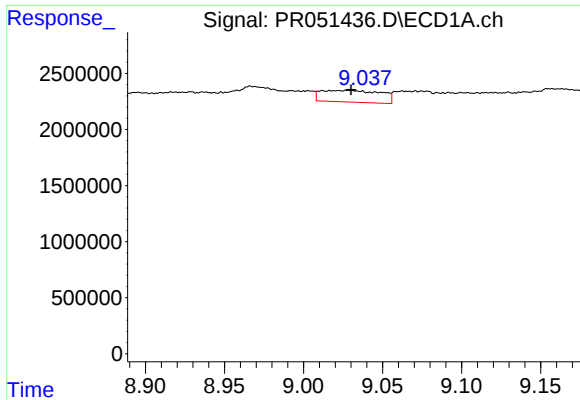
#38 AR-1262-3

R.T.: 8.929 min
Delta R.T.: -0.003 min
Response: 712498
Conc: 0.93 ng/ml



#38 AR-1262-3

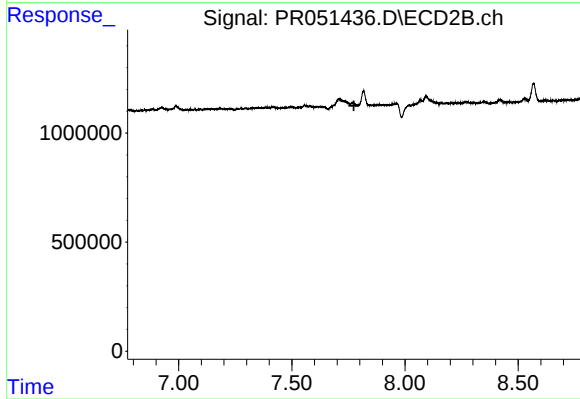
R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 62162
Conc: 0.17 ng/ml



#39 AR-1262-4

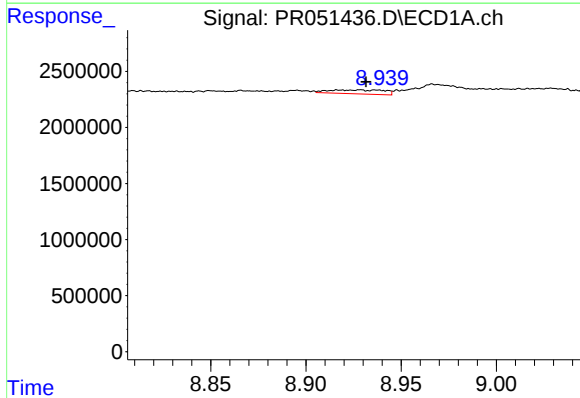
R.T.: 9.029 min
Delta R.T.: -0.001 min
Response: 2749103
Conc: 4.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



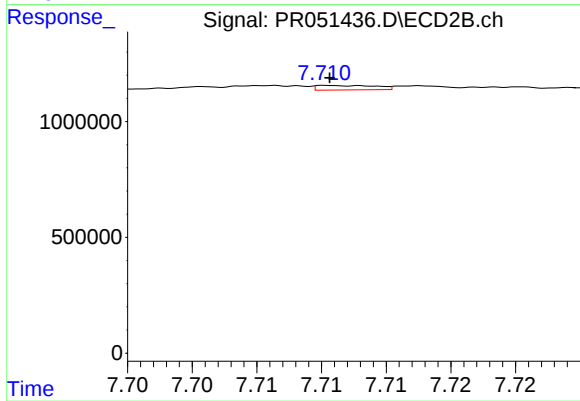
#39 AR-1262-4

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



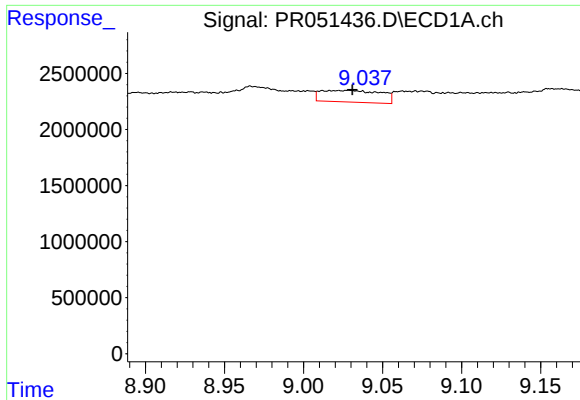
#41 AR-1268-1

R.T.: 8.929 min
Delta R.T.: -0.003 min
Response: 712498
Conc: 0.50 ng/ml



#41 AR-1268-1

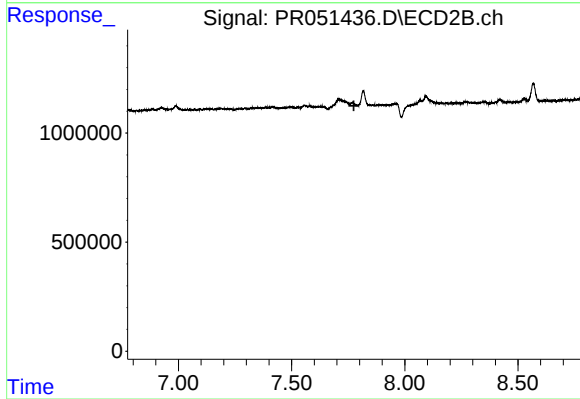
R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 62162
Conc: 0.06 ng/ml



#42 AR-1268-2

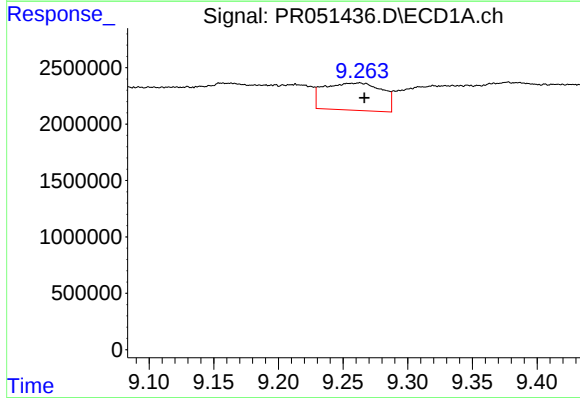
R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 2749103
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



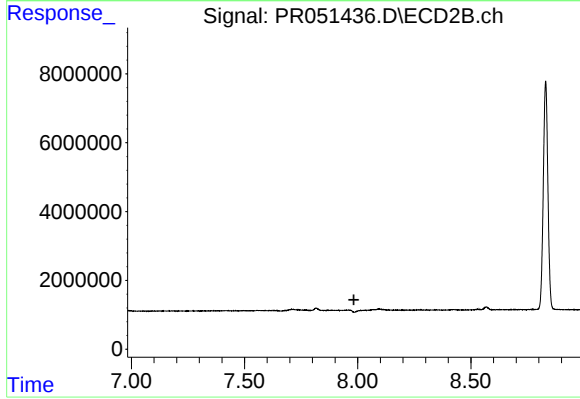
#42 AR-1268-2

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



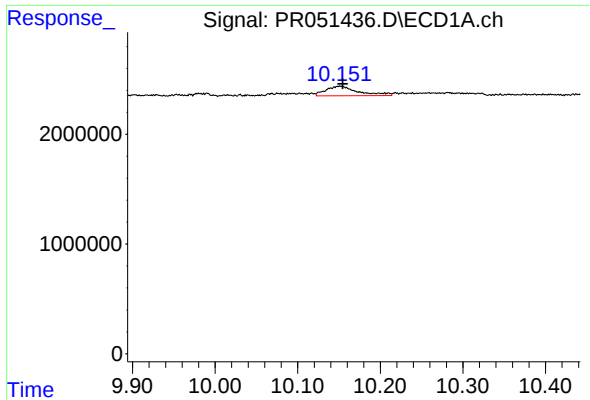
#43 AR-1268-3

R.T.: 9.262 min
Delta R.T.: -0.004 min
Response: 7544641
Conc: 6.76 ng/ml



#43 AR-1268-3

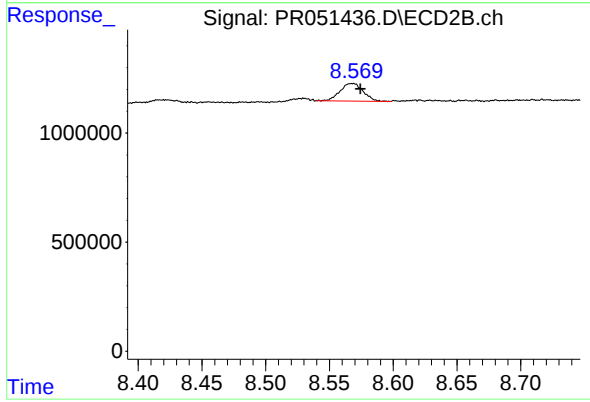
R.T.: 0.000 min
Exp R.T. : 7.983 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.151 min
Delta R.T.: -0.004 min
Response: 2365084
Conc: 0.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.568 min
Delta R.T.: -0.006 min
Response: 1021107
Conc: 0.37 ng/ml