

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112921\
 Data File : PR052707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2021 21:29
 Operator : AJ\MA
 Sample : M4068-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:30:35 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	71456613	59141330	21.678	21.660
2)	SA Decachlor...	10.622	8.859	77924587	76168183	24.044	23.564
Target Compounds							
3)	L1 AR-1016-1	5.872	4.942	287235	886494	2.324	9.122 #
4)	L1 AR-1016-2	5.896	4.942	298843	886494	1.726	6.113 #
5)	L1 AR-1016-3	5.958	5.126	243401	255389	2.244	3.300 #
6)	L1 AR-1016-4	6.061	5.174	131482	454641	1.486	7.179 #
7)	L1 AR-1016-5	6.361	5.386	176155	258179	1.954	3.188 #
8)	L2 AR-1221-1	4.900	4.064	1160634	930284	28.418	26.677
9)	L2 AR-1221-2	4.993	4.154	1884233	1403513	55.943	54.583
10)	L2 AR-1221-3	5.068	4.225	2876897	2418469	31.216	30.389
11)	L3 AR-1232-1	5.068	4.225	2876897	2418469	36.786	36.216
12)	L3 AR-1232-2	5.603	4.942	88279	886494	2.113	13.850 #
13)	L3 AR-1232-3	5.896	5.126	298843	255389	3.897	7.421 #
14)	L3 AR-1232-4	6.061	0.000	131482	0	3.323	N.D. #
15)	L3 AR-1232-5	6.167f	5.386	350266	258179	11.039	7.834 #
16)	L4 AR-1242-1	5.872	4.942	287235	886494	2.997	12.272 #
17)	L4 AR-1242-2	5.896	4.942	298843	886494	2.314	8.121 #
18)	L4 AR-1242-3	5.958	5.126	243401	255389	2.940	4.307 #
19)	L4 AR-1242-4	6.061	0.000	131482	0	1.928	N.D. #
20)	L4 AR-1242-5	0.000	5.727	0	85855	N.D.	1.215 #
21)	L5 AR-1248-1	5.872	4.942	287235	886494	4.030	15.478 #
22)	L5 AR-1248-2	6.167f	5.174	350266	454641	3.449	5.725 #
23)	L5 AR-1248-3	6.361	0.000	176155	0	1.563	N.D. #
24)	L5 AR-1248-4	6.735f	5.386	17540	258179	0.138	2.603 #
26)	L6 AR-1254-1	6.735	5.727	17540	85855	0.134	0.566 #
28)	L6 AR-1254-3	0.000	6.255f	0	105193	N.D.	0.477 #
29)	L6 AR-1254-4	7.637f	0.000	900581	0	5.703	N.D. #
30)	L6 AR-1254-5	8.028	6.917	258177	170620	1.465	0.821 #
32)	L7 AR-1260-2	7.742	6.591	557084	258879	2.985	1.491 #
33)	L7 AR-1260-3	0.000	6.724f	0	316603	N.D.	1.876 #
34)	L7 AR-1260-4	0.000	7.242f	0	108318	N.D.	0.713 #
35)	L7 AR-1260-5	0.000	7.445	0	350718	N.D.	0.957 #
36)	L8 AR-1262-1	0.000	6.917	0	170620	N.D.	1.575 #
37)	L8 AR-1262-2	0.000	7.445	0	350718	N.D.	0.902 #
38)	L8 AR-1262-3	0.000	7.736	0	178075	N.D.	1.117 #
39)	L8 AR-1262-4	0.000	7.800	0	58213	N.D.	0.193 #
40)	L8 AR-1262-5	9.812	8.304	1305518	720071	9.333	4.983 #
41)	L9 AR-1268-1	0.000	7.736	0	178075	N.D.	0.377 #
42)	L9 AR-1268-2	0.000	7.800	0	58213	N.D.	0.131 #
43)	L9 AR-1268-3	9.348	7.989f	371600	1888881	1.054	4.892 #
44)	L9 AR-1268-4	9.812	8.304	1305518	720071	8.188	4.416 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.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
45) L9	AR-1268-5	10.261	8.597	880954	710129	0.759	0.569

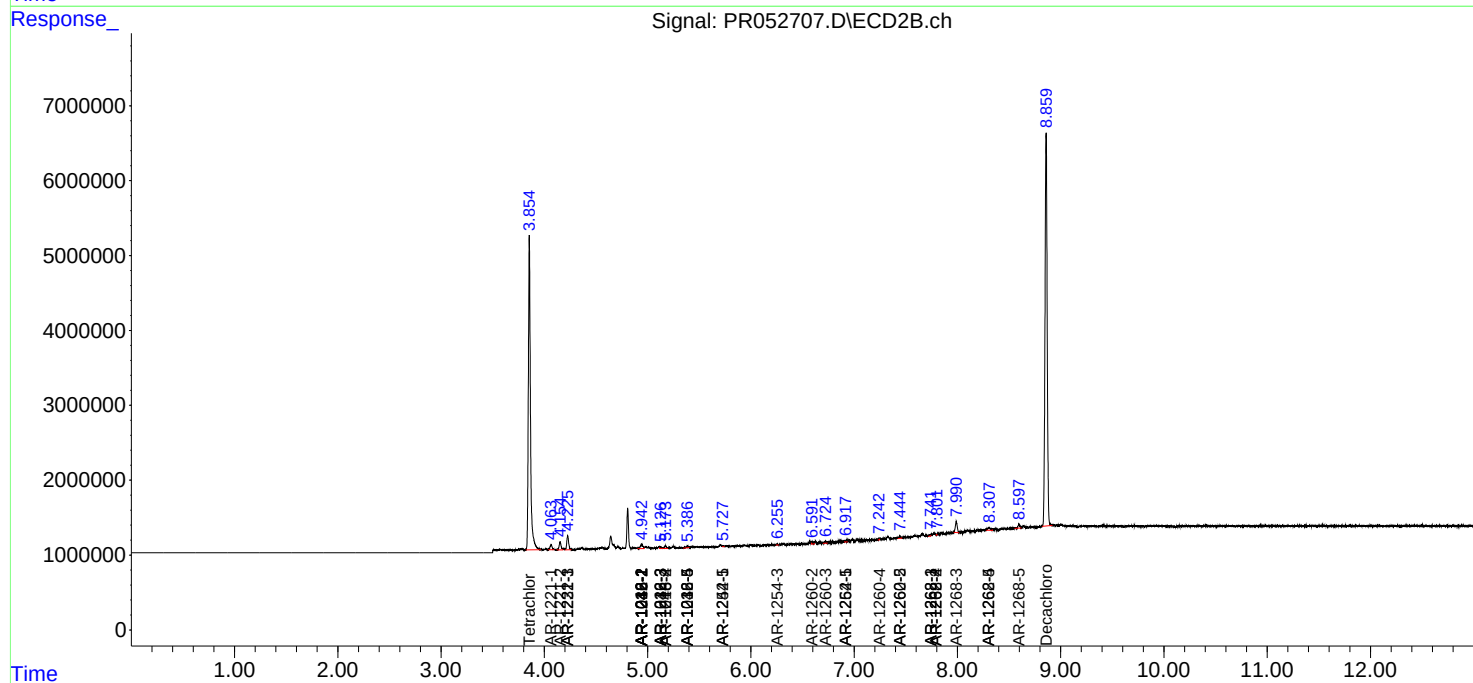
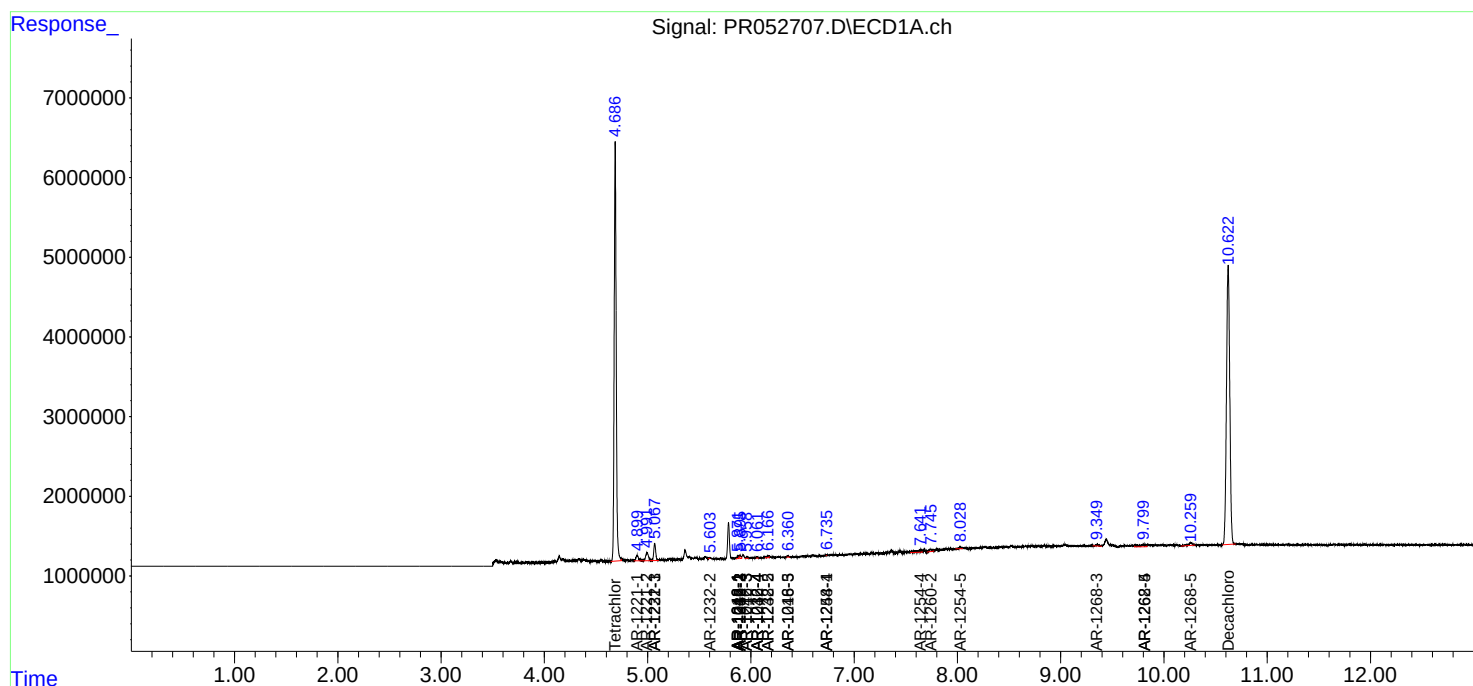
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

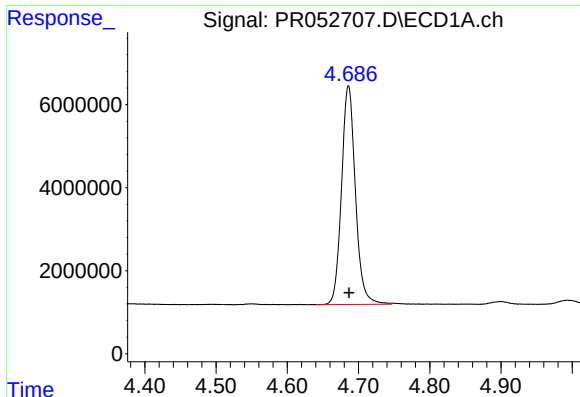
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112921\
Data File : PR052707.D
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

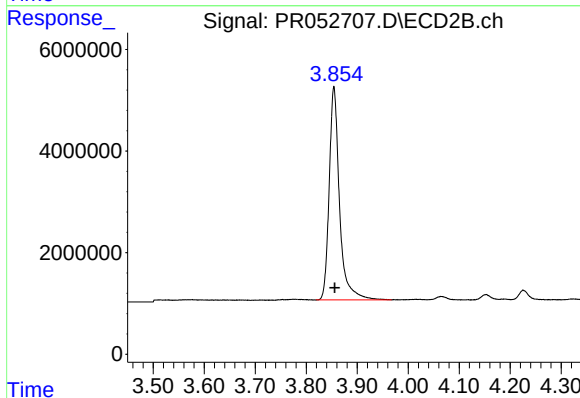




#1 Tetrachloro-m-xylene

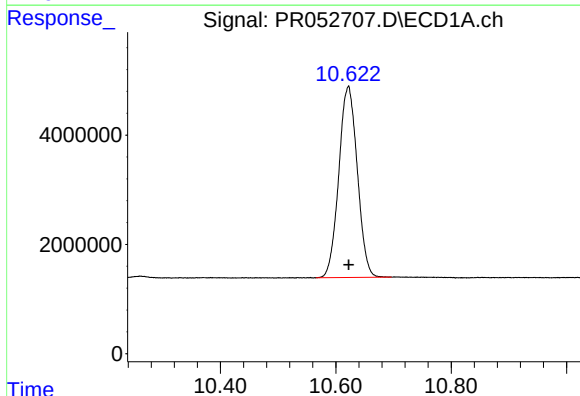
R.T.: 4.686 min
Delta R.T.: -0.001 min
Response: 71456613
Conc: 21.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



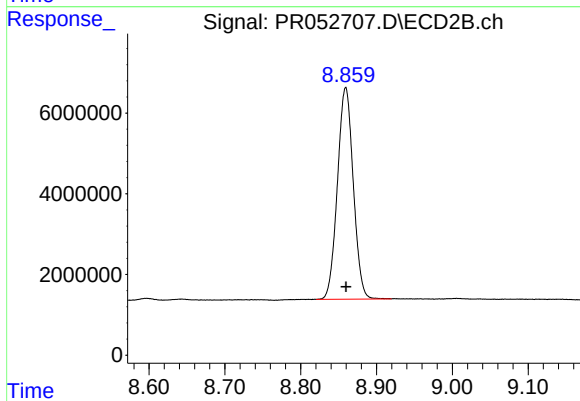
#1 Tetrachloro-m-xylene

R.T.: 3.854 min
Delta R.T.: -0.002 min
Response: 59141330
Conc: 21.66 ng/ml



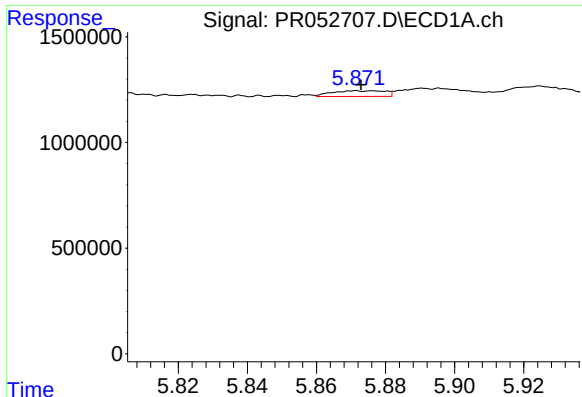
#2 Decachlorobiphenyl

R.T.: 10.622 min
Delta R.T.: 0.000 min
Response: 77924587
Conc: 24.04 ng/ml



#2 Decachlorobiphenyl

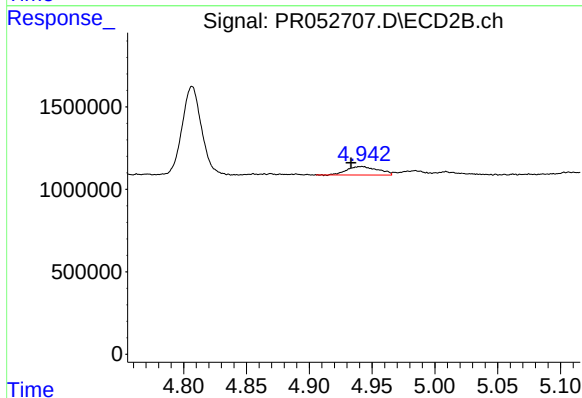
R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 76168183
Conc: 23.56 ng/ml



#3 AR-1016-1

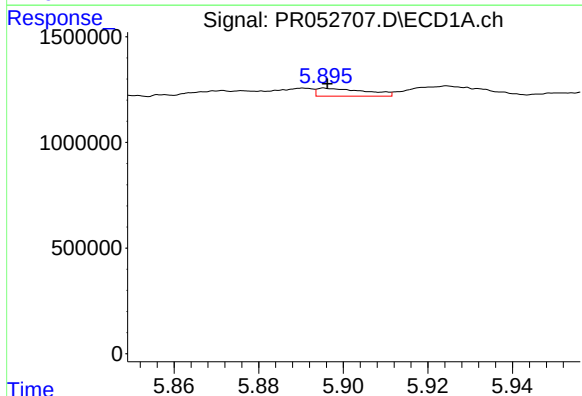
R.T.: 5.872 min
Delta R.T.: -0.001 min
Response: 287235
Conc: 2.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



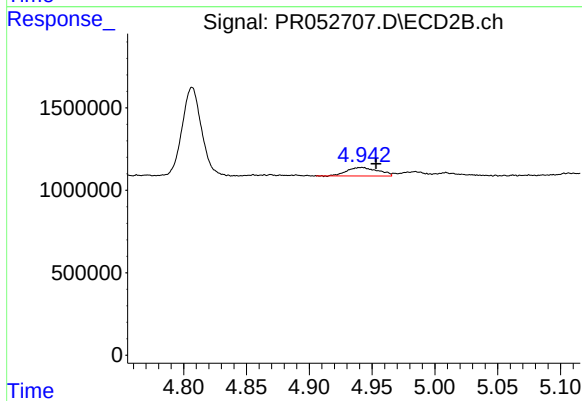
#3 AR-1016-1

R.T.: 4.942 min
Delta R.T.: 0.009 min
Response: 886494
Conc: 9.12 ng/ml



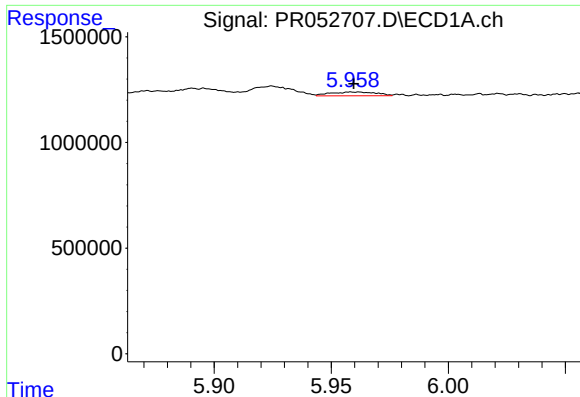
#4 AR-1016-2

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 298843
Conc: 1.73 ng/ml



#4 AR-1016-2

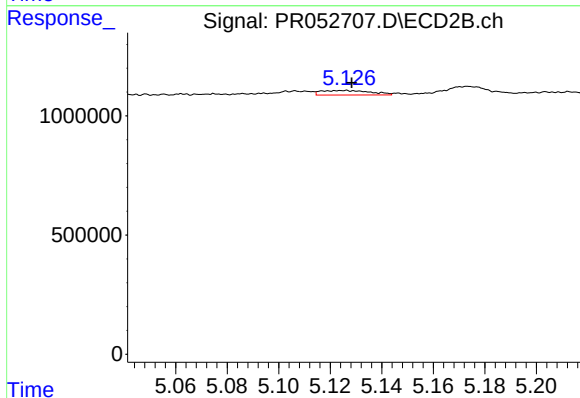
R.T.: 4.942 min
Delta R.T.: -0.011 min
Response: 886494
Conc: 6.11 ng/ml



#5 AR-1016-3

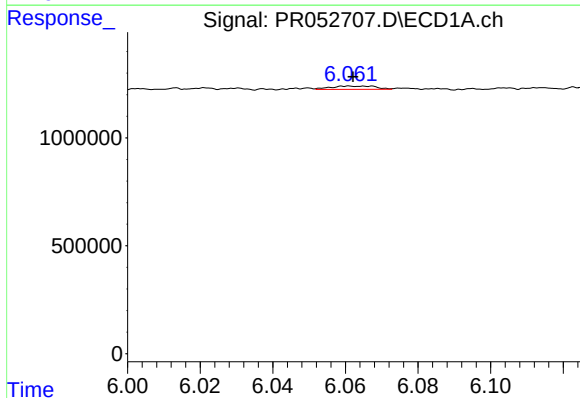
R.T.: 5.958 min
Delta R.T.: -0.001 min
Response: 243401
Conc: 2.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



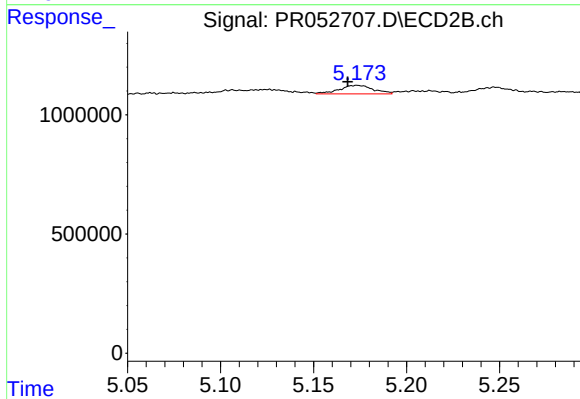
#5 AR-1016-3

R.T.: 5.126 min
Delta R.T.: -0.002 min
Response: 255389
Conc: 3.30 ng/ml



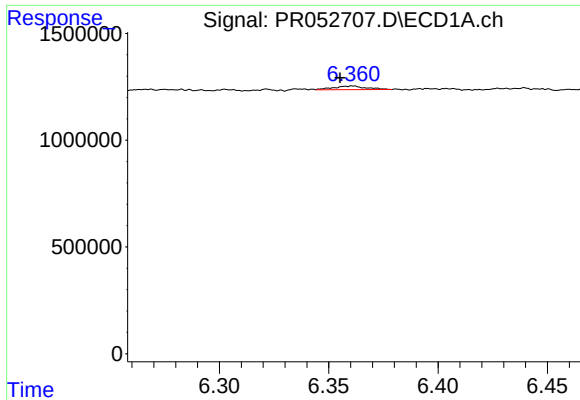
#6 AR-1016-4

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 131482
Conc: 1.49 ng/ml



#6 AR-1016-4

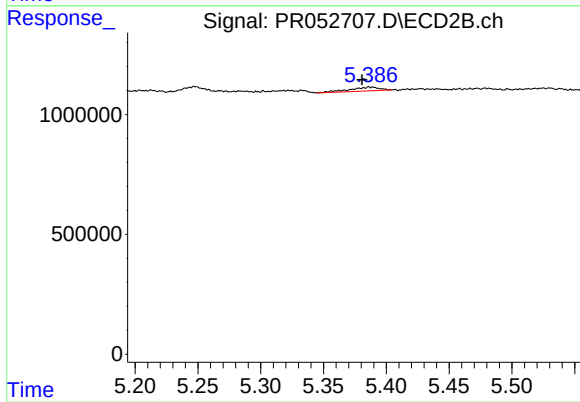
R.T.: 5.174 min
Delta R.T.: 0.005 min
Response: 454641
Conc: 7.18 ng/ml



#7 AR-1016-5

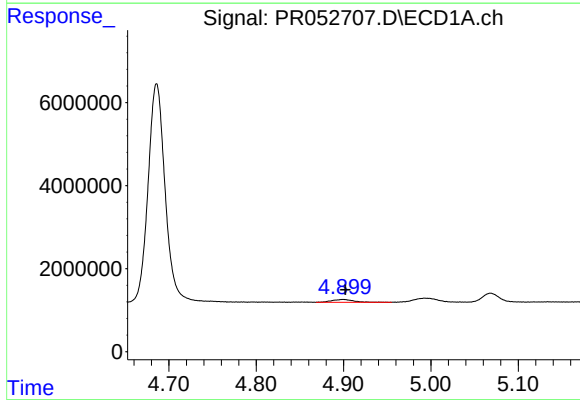
R.T.: 6.361 min
Delta R.T.: 0.006 min
Response: 176155
Conc: 1.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



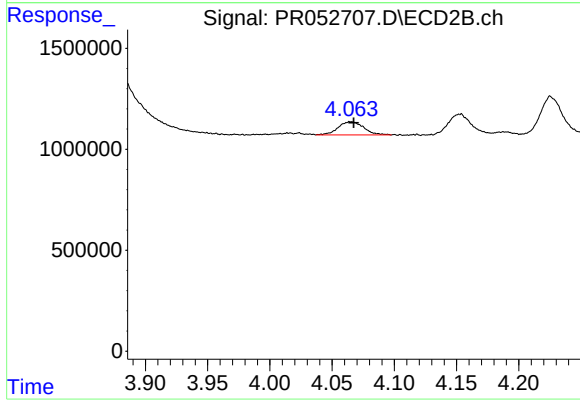
#7 AR-1016-5

R.T.: 5.386 min
Delta R.T.: 0.005 min
Response: 258179
Conc: 3.19 ng/ml



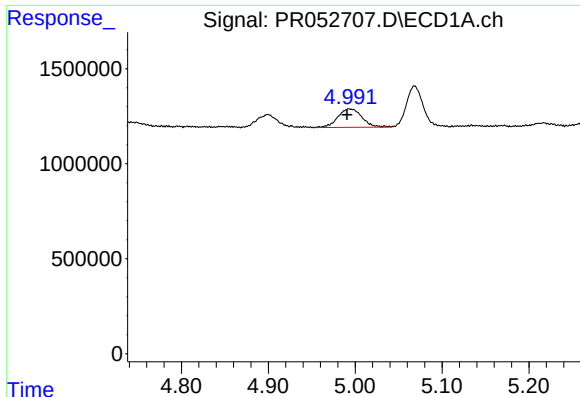
#8 AR-1221-1

R.T.: 4.900 min
Delta R.T.: -0.002 min
Response: 1160634
Conc: 28.42 ng/ml



#8 AR-1221-1

R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 930284
Conc: 26.68 ng/ml



#9 AR-1221-2

R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 1884233
Conc: 55.94 ng/ml

Instrument :
ECD_R
ClientSampleId :

#9 AR-1221-2

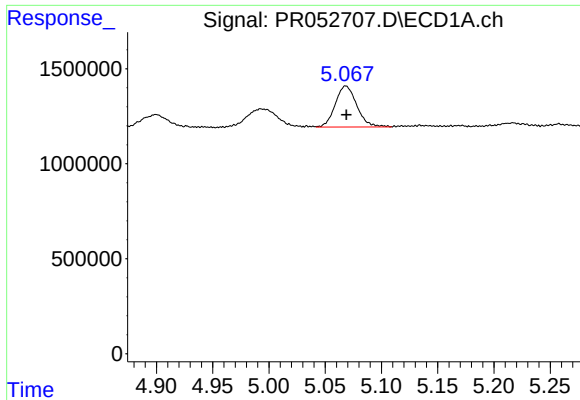
R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 1403513
Conc: 54.58 ng/ml

#10 AR-1221-3

R.T.: 5.068 min
Delta R.T.: -0.002 min
Response: 2876897
Conc: 31.22 ng/ml

#10 AR-1221-3

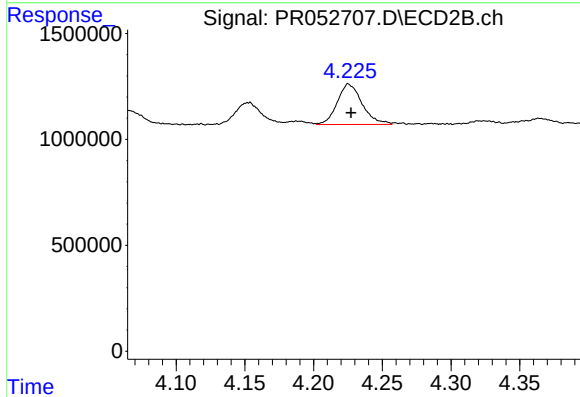
R.T.: 4.225 min
Delta R.T.: -0.003 min
Response: 2418469
Conc: 30.39 ng/ml



#11 AR-1232-1

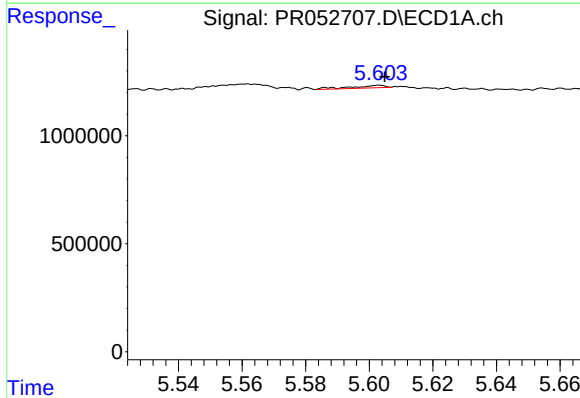
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 2876897
Conc: 36.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



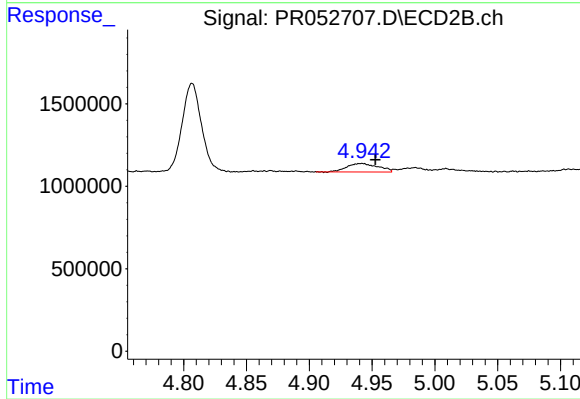
#11 AR-1232-1

R.T.: 4.225 min
Delta R.T.: -0.002 min
Response: 2418469
Conc: 36.22 ng/ml



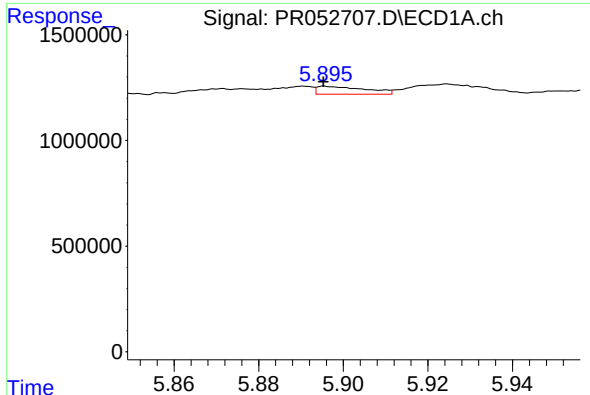
#12 AR-1232-2

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 88279
Conc: 2.11 ng/ml



#12 AR-1232-2

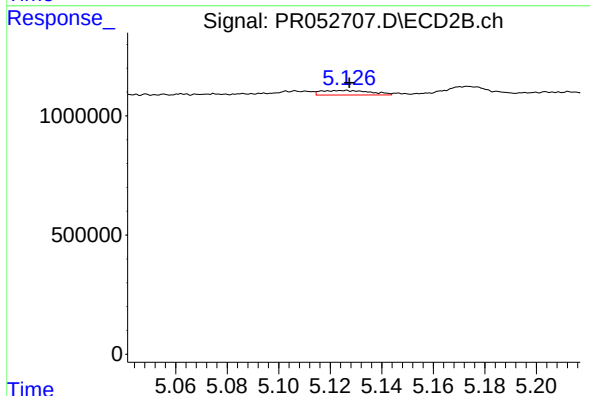
R.T.: 4.942 min
Delta R.T.: -0.011 min
Response: 886494
Conc: 13.85 ng/ml



#13 AR-1232-3

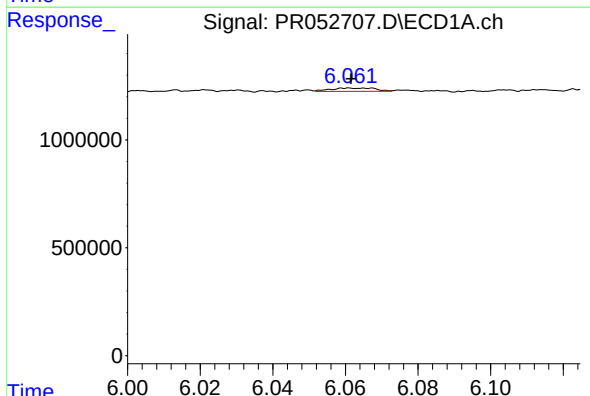
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 298843
Conc: 3.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



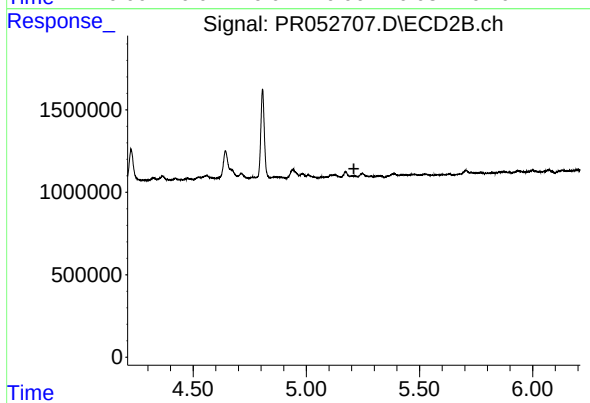
#13 AR-1232-3

R.T.: 5.126 min
Delta R.T.: -0.001 min
Response: 255389
Conc: 7.42 ng/ml



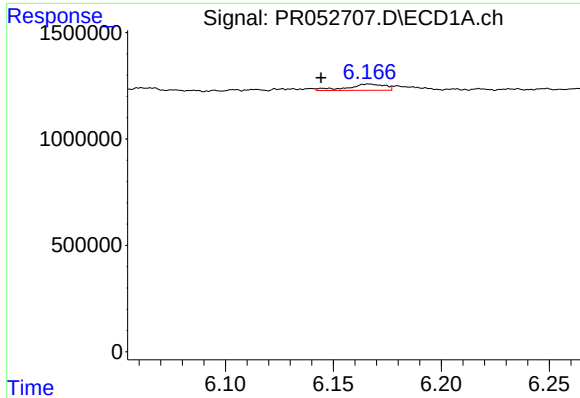
#14 AR-1232-4

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 131482
Conc: 3.32 ng/ml



#14 AR-1232-4

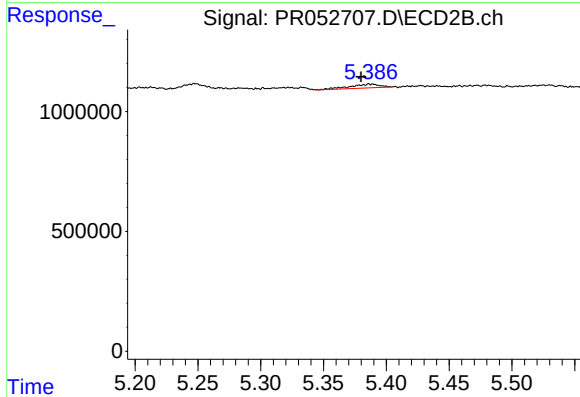
R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



#15 AR-1232-5

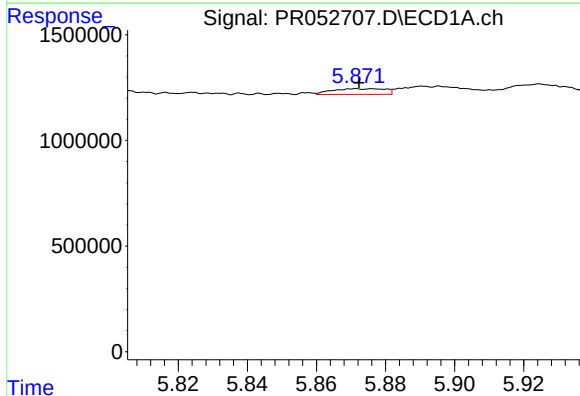
R.T.: 6.167 min
Delta R.T.: 0.022 min
Response: 350266
Conc: 11.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



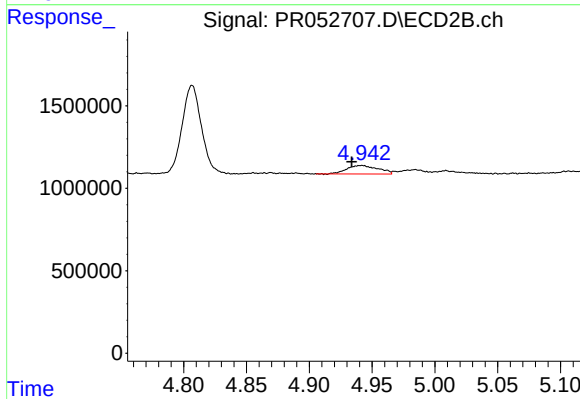
#15 AR-1232-5

R.T.: 5.386 min
Delta R.T.: 0.006 min
Response: 258179
Conc: 7.83 ng/ml



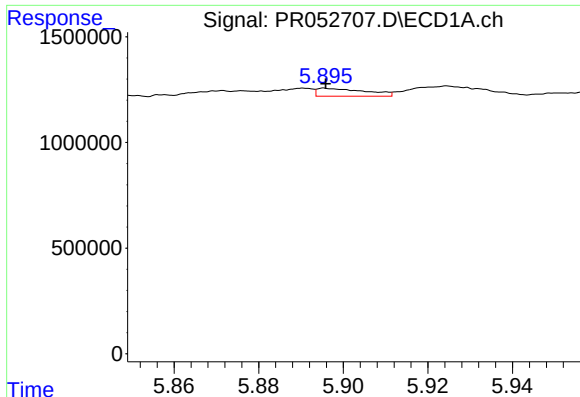
#16 AR-1242-1

R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 287235
Conc: 3.00 ng/ml



#16 AR-1242-1

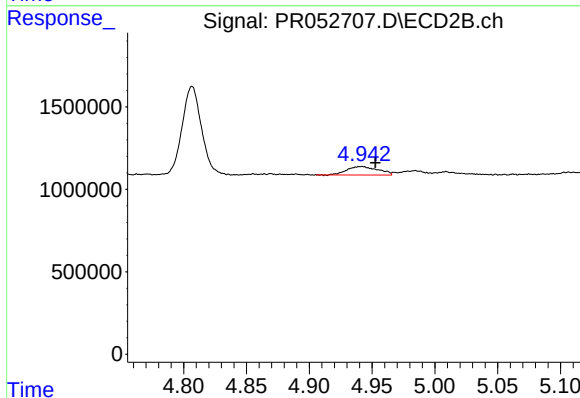
R.T.: 4.942 min
Delta R.T.: 0.008 min
Response: 886494
Conc: 12.27 ng/ml



#17 AR-1242-2

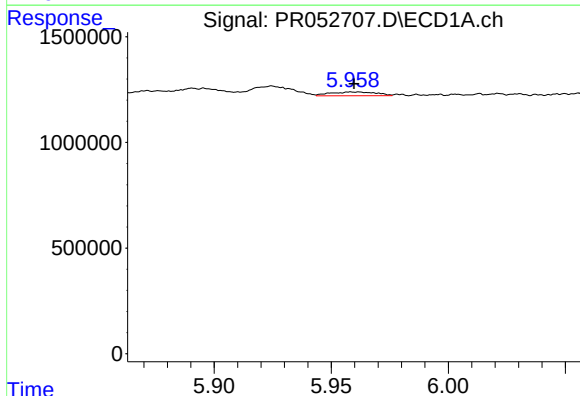
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 298843
Conc: 2.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



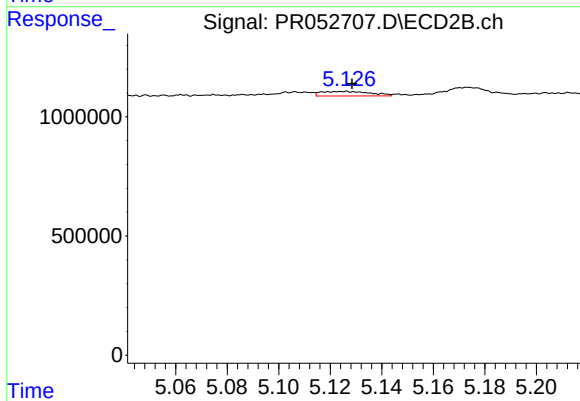
#17 AR-1242-2

R.T.: 4.942 min
Delta R.T.: -0.011 min
Response: 886494
Conc: 8.12 ng/ml



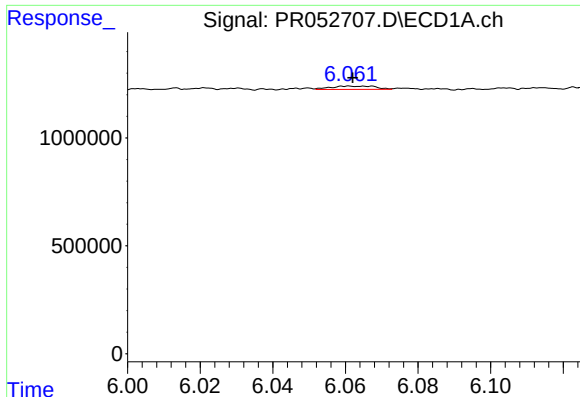
#18 AR-1242-3

R.T.: 5.958 min
Delta R.T.: -0.001 min
Response: 243401
Conc: 2.94 ng/ml



#18 AR-1242-3

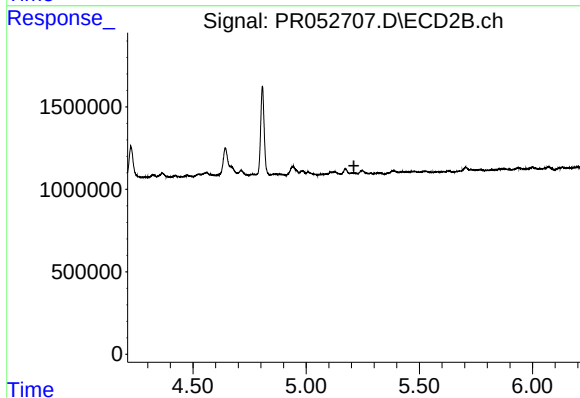
R.T.: 5.126 min
Delta R.T.: -0.002 min
Response: 255389
Conc: 4.31 ng/ml



#19 AR-1242-4

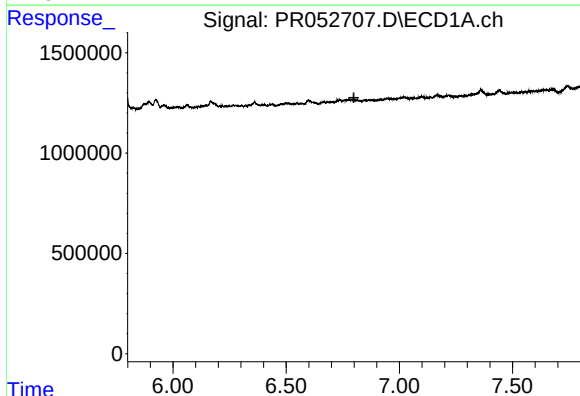
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 131482
Conc: 1.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



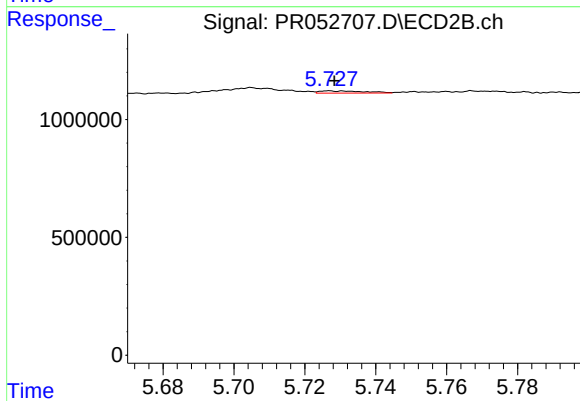
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.211 min
Response: 0
Conc: N.D.



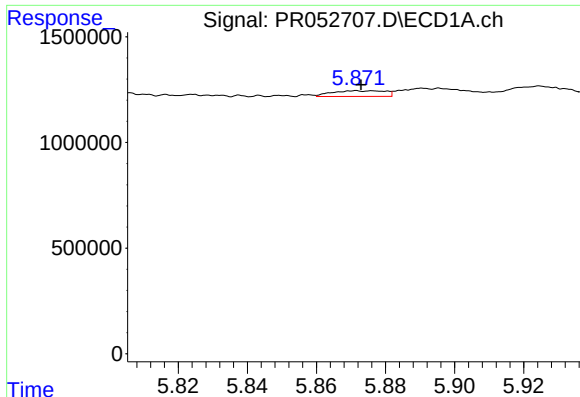
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.799 min
Response: 0
Conc: N.D.



#20 AR-1242-5

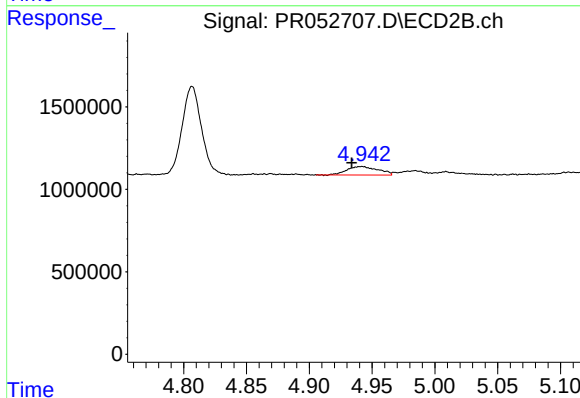
R.T.: 5.727 min
Delta R.T.: -0.001 min
Response: 85855
Conc: 1.21 ng/ml



#21 AR-1248-1

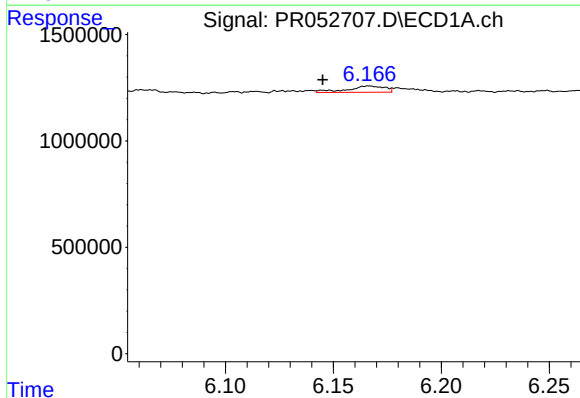
R.T.: 5.872 min
Delta R.T.: -0.001 min
Response: 287235
Conc: 4.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



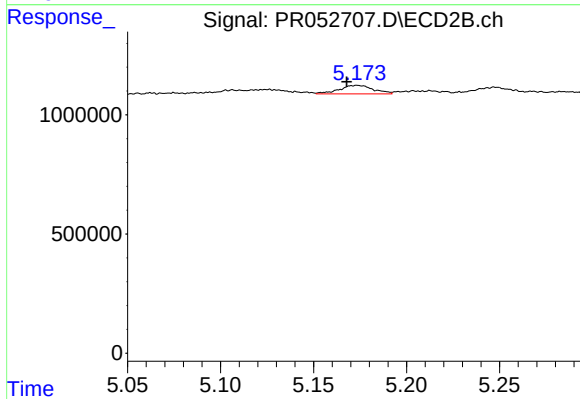
#21 AR-1248-1

R.T.: 4.942 min
Delta R.T.: 0.008 min
Response: 886494
Conc: 15.48 ng/ml



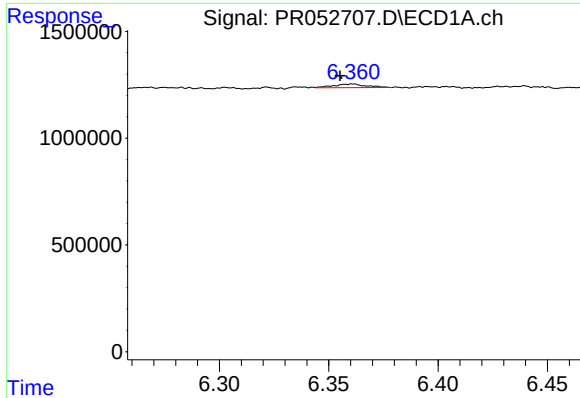
#22 AR-1248-2

R.T.: 6.167 min
Delta R.T.: 0.021 min
Response: 350266
Conc: 3.45 ng/ml



#22 AR-1248-2

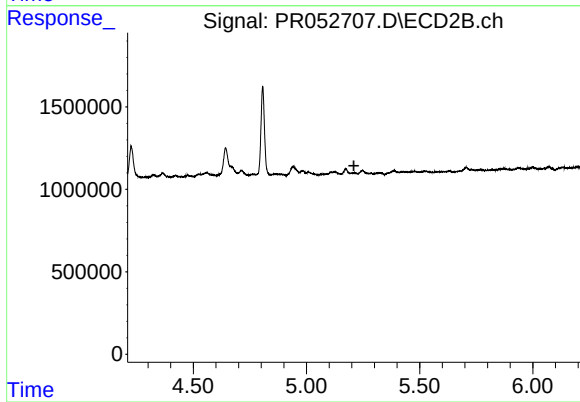
R.T.: 5.174 min
Delta R.T.: 0.006 min
Response: 454641
Conc: 5.72 ng/ml



#23 AR-1248-3

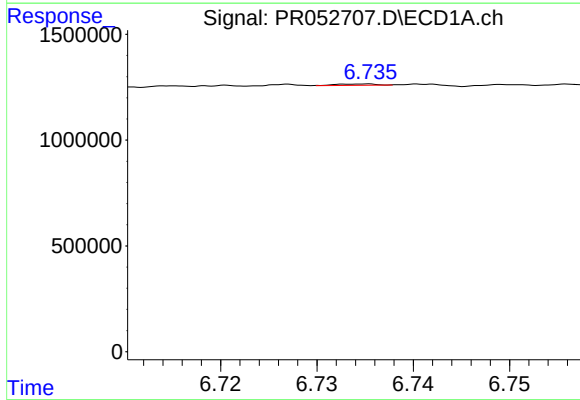
R.T.: 6.361 min
Delta R.T.: 0.006 min
Response: 176155
Conc: 1.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



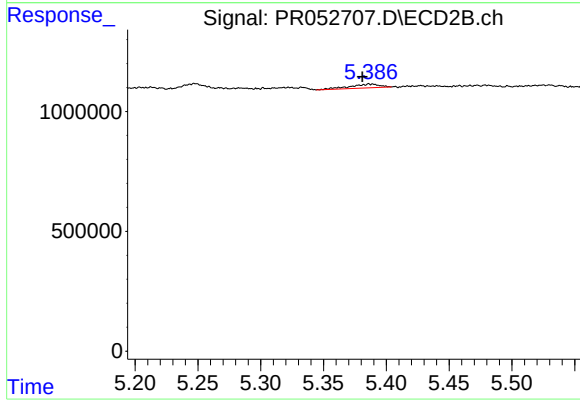
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



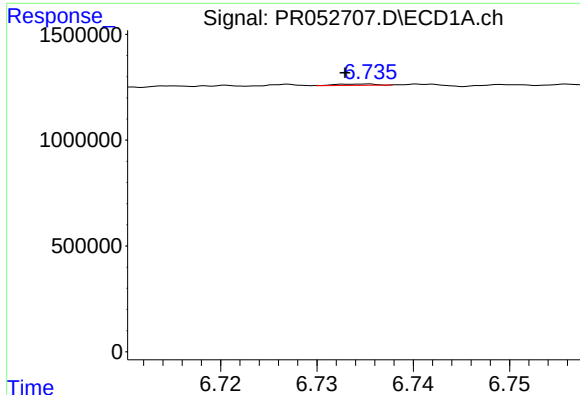
#24 AR-1248-4

R.T.: 6.735 min
Delta R.T.: -0.025 min
Response: 17540
Conc: 0.14 ng/ml



#24 AR-1248-4

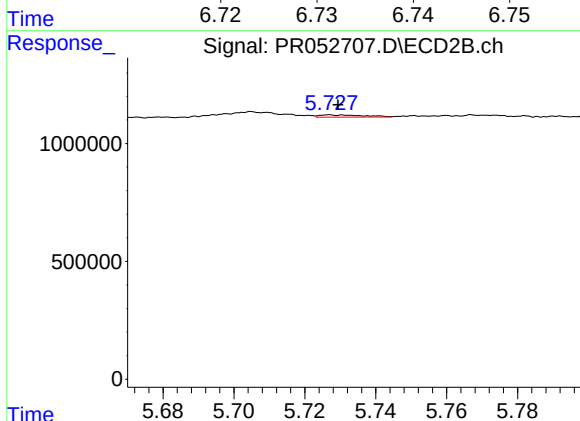
R.T.: 5.386 min
Delta R.T.: 0.005 min
Response: 258179
Conc: 2.60 ng/ml



#26 AR-1254-1

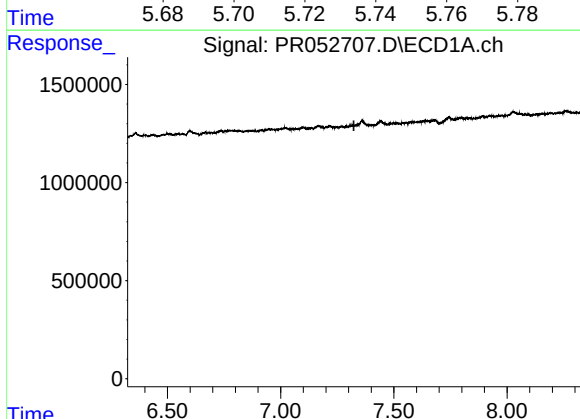
R.T.: 6.735 min
Delta R.T.: 0.002 min
Response: 17540
Conc: 0.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



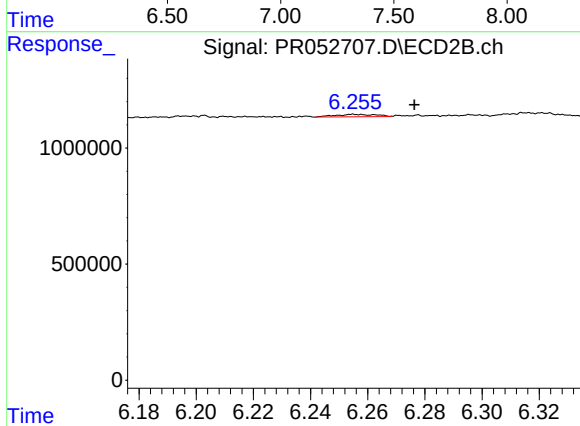
#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.002 min
Response: 85855
Conc: 0.57 ng/ml



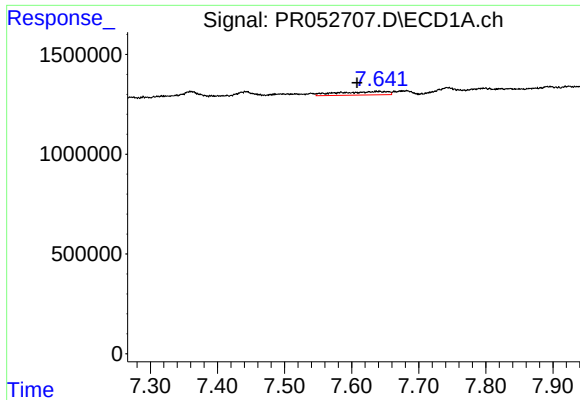
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.324 min
Response: 0
Conc: N.D.



#28 AR-1254-3

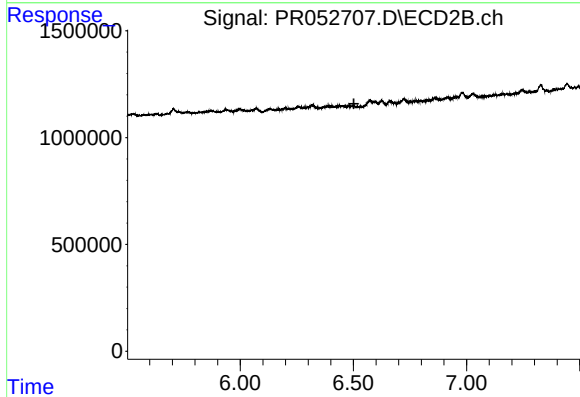
R.T.: 6.255 min
Delta R.T.: -0.022 min
Response: 105193
Conc: 0.48 ng/ml



#29 AR-1254-4

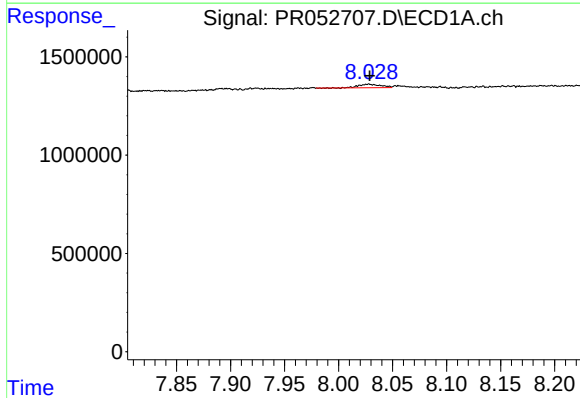
R.T.: 7.637 min
Delta R.T.: 0.029 min
Response: 900581
Conc: 5.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



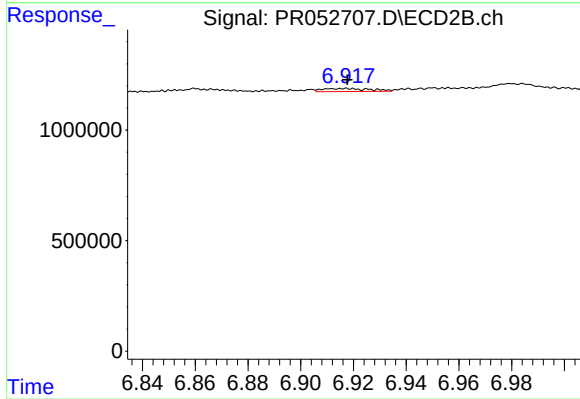
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.502 min
Response: 0
Conc: N.D.



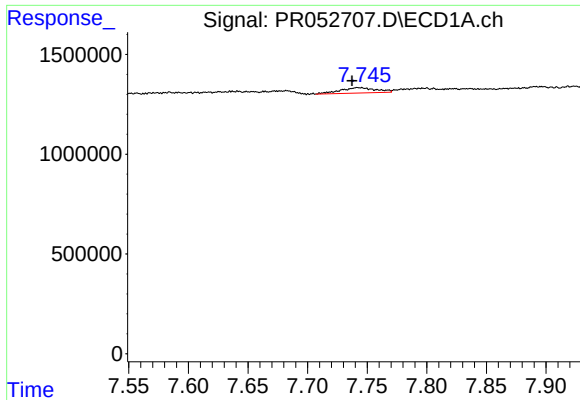
#30 AR-1254-5

R.T.: 8.028 min
Delta R.T.: -0.001 min
Response: 258177
Conc: 1.46 ng/ml



#30 AR-1254-5

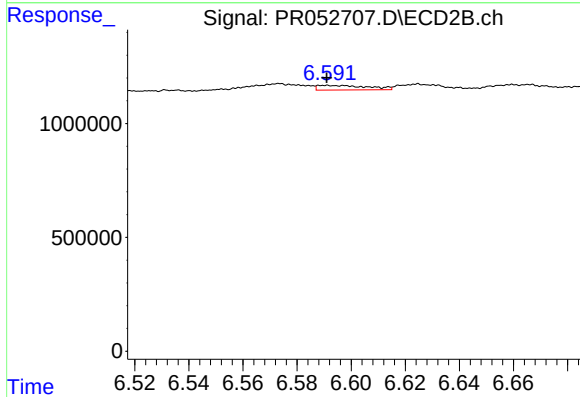
R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 170620
Conc: 0.82 ng/ml



#32 AR-1260-2

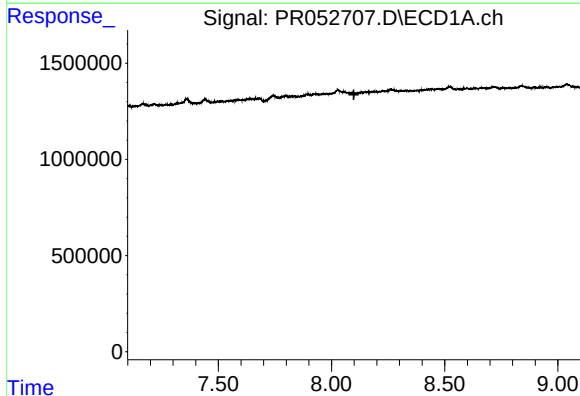
R.T.: 7.742 min
Delta R.T.: 0.005 min
Response: 557084
Conc: 2.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



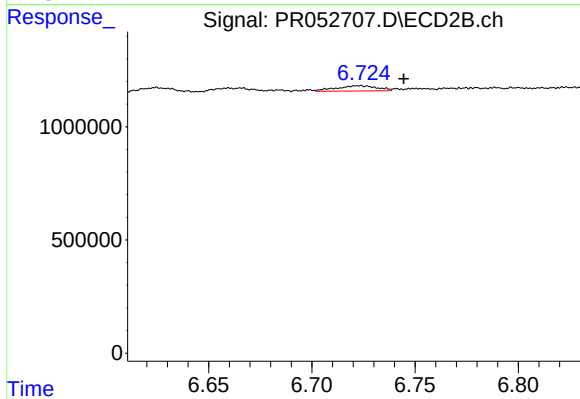
#32 AR-1260-2

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 258879
Conc: 1.49 ng/ml



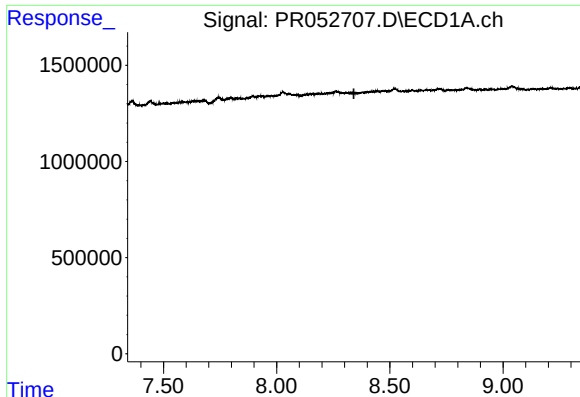
#33 AR-1260-3

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



#33 AR-1260-3

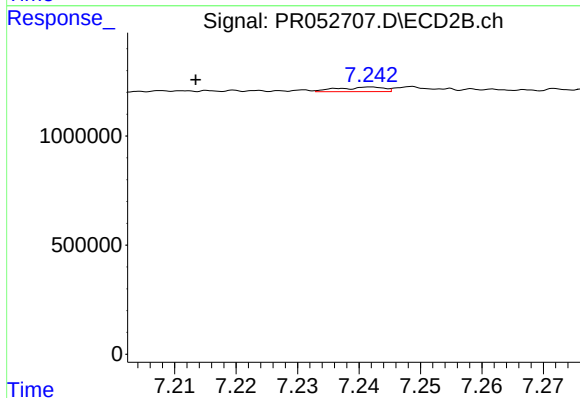
R.T.: 6.724 min
Delta R.T.: -0.021 min
Response: 316603
Conc: 1.88 ng/ml



#34 AR-1260-4

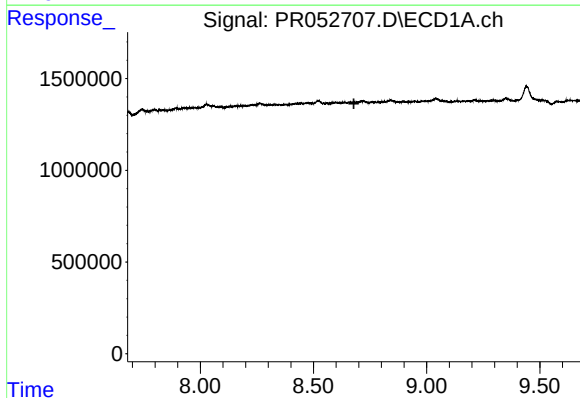
R.T.: 0.000 min
Exp R.T.: 8.341 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



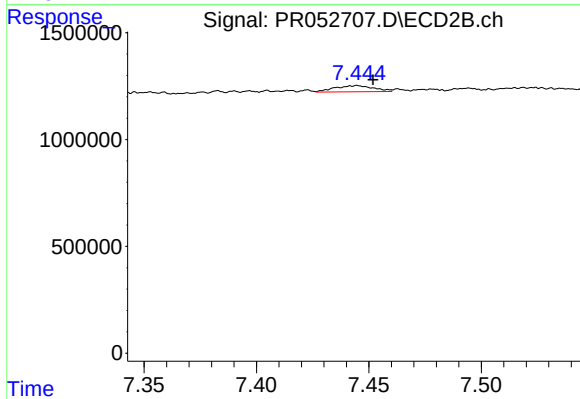
#34 AR-1260-4

R.T.: 7.242 min
Delta R.T.: 0.029 min
Response: 108318
Conc: 0.71 ng/ml



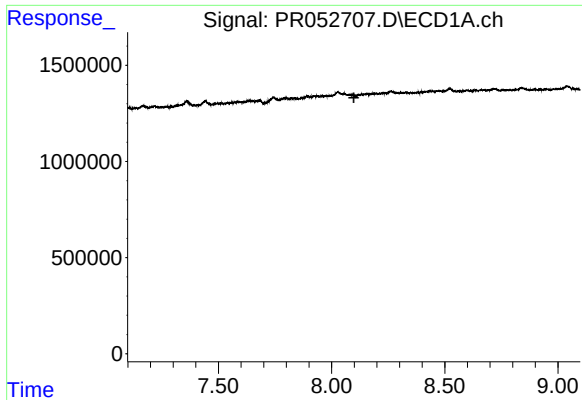
#35 AR-1260-5

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



#35 AR-1260-5

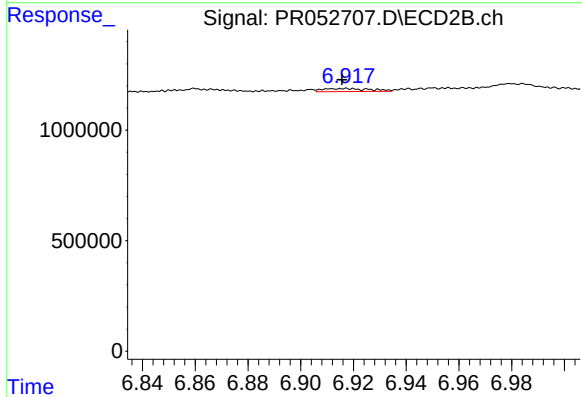
R.T.: 7.445 min
Delta R.T.: -0.007 min
Response: 350718
Conc: 0.96 ng/ml



#36 AR-1262-1

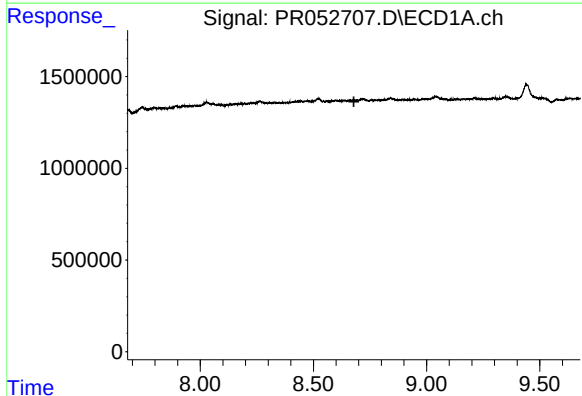
R.T.: 0.000 min
Exp R.T.: 8.098 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



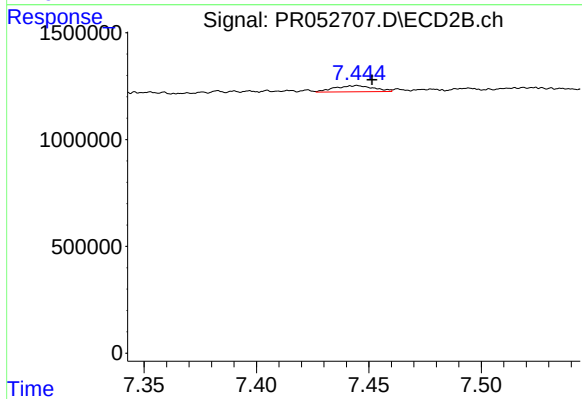
#36 AR-1262-1

R.T.: 6.917 min
Delta R.T.: 0.002 min
Response: 170620
Conc: 1.57 ng/ml



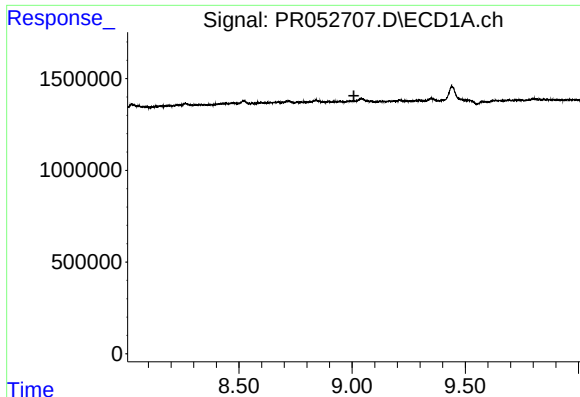
#37 AR-1262-2

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



#37 AR-1262-2

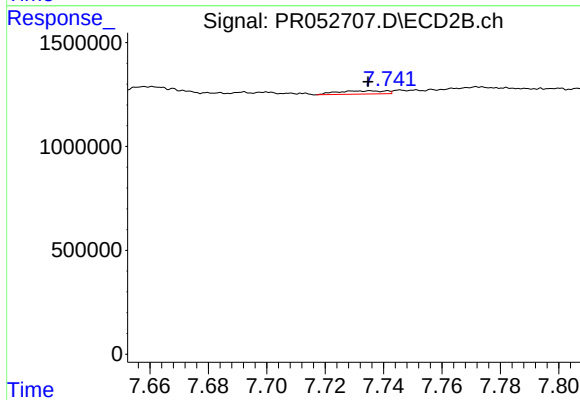
R.T.: 7.445 min
Delta R.T.: -0.006 min
Response: 350718
Conc: 0.90 ng/ml



#38 AR-1262-3

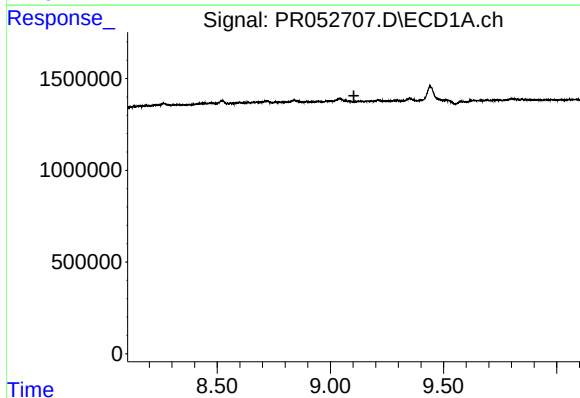
R.T.: 0.000 min
Exp R.T.: 9.008 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



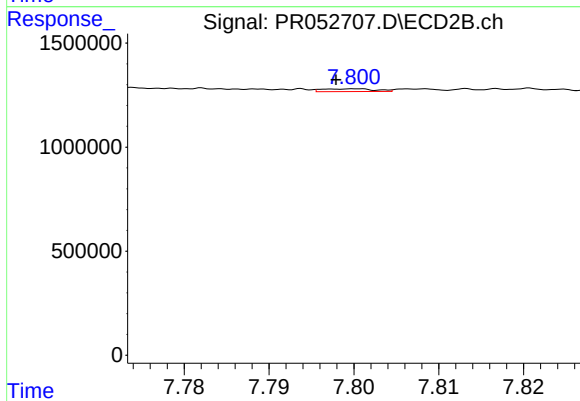
#38 AR-1262-3

R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 178075
Conc: 1.12 ng/ml



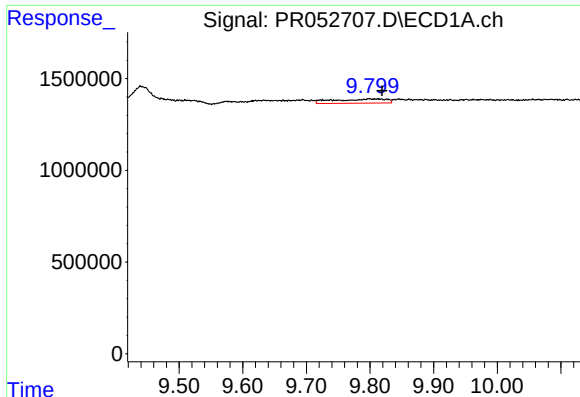
#39 AR-1262-4

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



#39 AR-1262-4

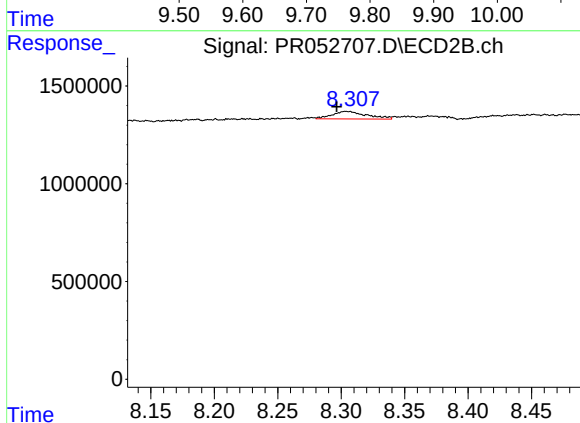
R.T.: 7.800 min
Delta R.T.: 0.003 min
Response: 58213
Conc: 0.19 ng/ml



#40 AR-1262-5

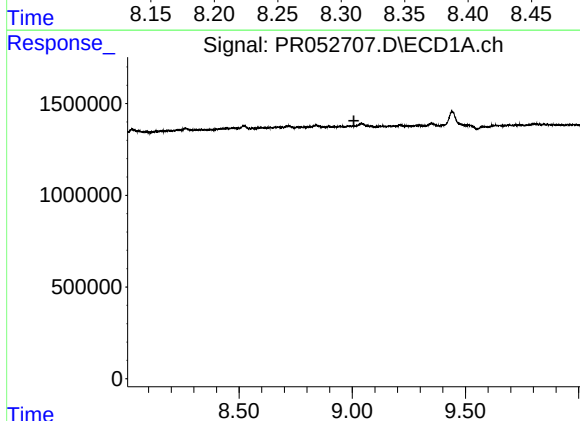
R.T.: 9.812 min
Delta R.T.: -0.007 min
Response: 1305518
Conc: 9.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



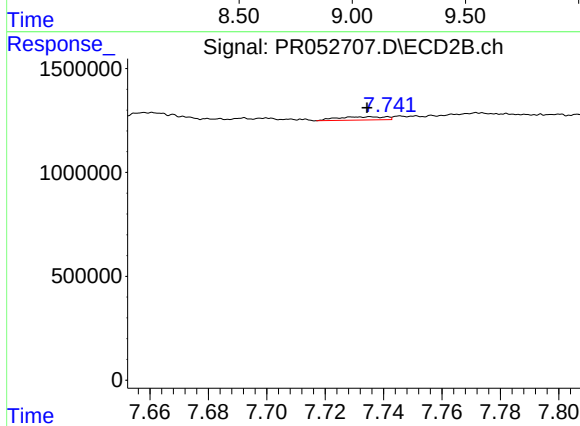
#40 AR-1262-5

R.T.: 8.304 min
Delta R.T.: 0.007 min
Response: 720071
Conc: 4.98 ng/ml



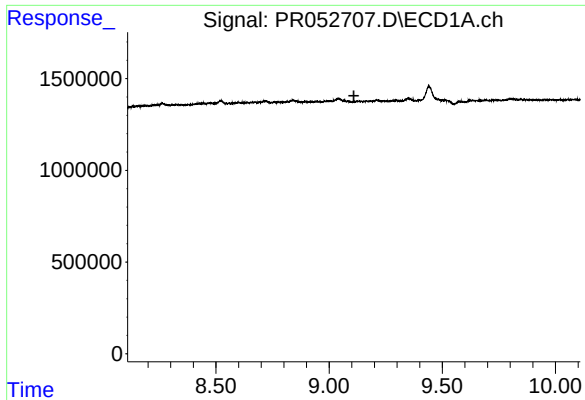
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.007 min
Response: 0
Conc: N.D.



#41 AR-1268-1

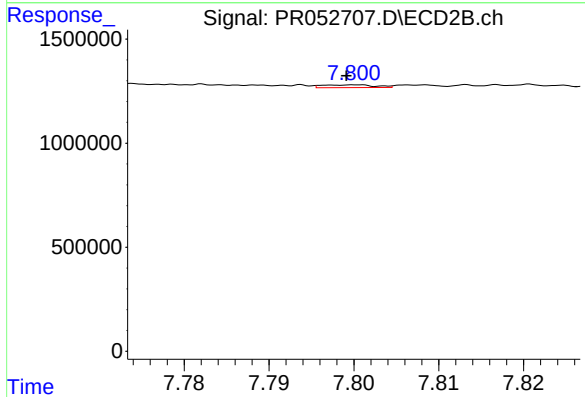
R.T.: 7.736 min
Delta R.T.: 0.001 min
Response: 178075
Conc: 0.38 ng/ml



#42 AR-1268-2

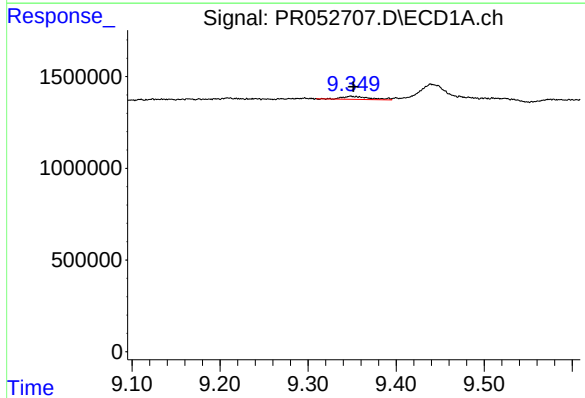
R.T.: 0.000 min
Exp R.T.: 9.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



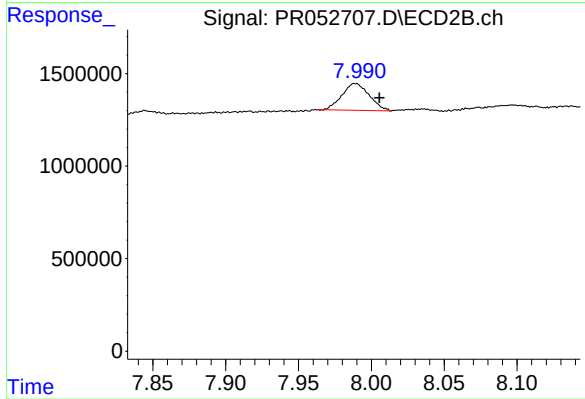
#42 AR-1268-2

R.T.: 7.800 min
Delta R.T.: 0.001 min
Response: 58213
Conc: 0.13 ng/ml



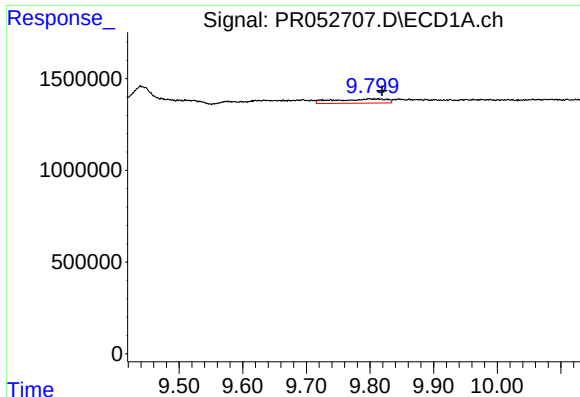
#43 AR-1268-3

R.T.: 9.348 min
Delta R.T.: -0.003 min
Response: 371600
Conc: 1.05 ng/ml



#43 AR-1268-3

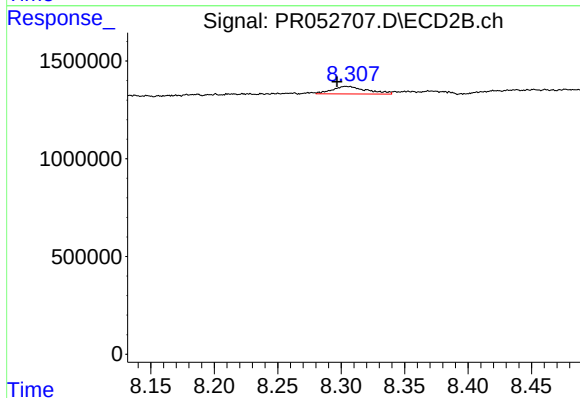
R.T.: 7.989 min
Delta R.T.: -0.017 min
Response: 1888881
Conc: 4.89 ng/ml



#44 AR-1268-4

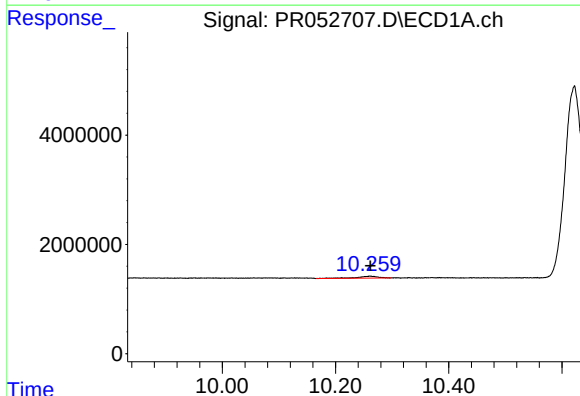
R.T.: 9.812 min
Delta R.T.: -0.006 min
Response: 1305518
Conc: 8.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



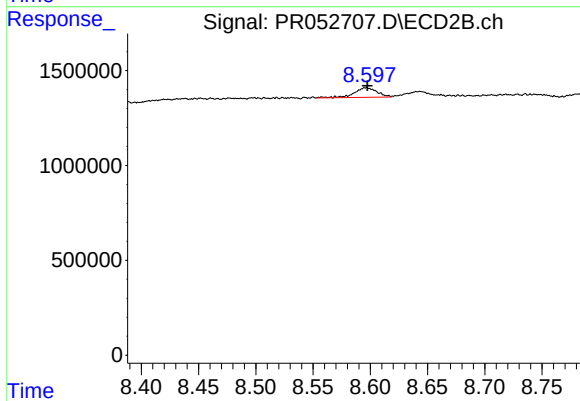
#44 AR-1268-4

R.T.: 8.304 min
Delta R.T.: 0.007 min
Response: 720071
Conc: 4.42 ng/ml



#45 AR-1268-5

R.T.: 10.261 min
Delta R.T.: 0.000 min
Response: 880954
Conc: 0.76 ng/ml



#45 AR-1268-5

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 710129
Conc: 0.57 ng/ml