

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
 Data File : PR040441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 21:08
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 00:13:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 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...	3.750	4.593	35954493	175.0E6	29.260	28.371
2)	SA Decachlor...	8.674	10.310	72847847	281.8E6	25.288	24.280
Target Compounds							
3)	L1 AR-1016-1	0.000	5.749	0	357696	N.D.	1.433 #
4)	L1 AR-1016-2	0.000	5.770	0	278980	N.D.	0.715 #
5)	L1 AR-1016-3	0.000	5.770	0	278980	N.D.	1.139 #
7)	L1 AR-1016-5	0.000	6.157	0	38279	N.D.	0.197 #
9)	L2 AR-1221-2	0.000	4.899	0	6328208	N.D.	100.812 #
10)	L2 AR-1221-3	0.000	4.899	0	6328208	N.D.	31.586 #
11)	L3 AR-1232-1	0.000	4.899	0	6328208	N.D.	30.437 #
12)	L3 AR-1232-2	0.000	5.506	0	1201176	N.D.	10.565 #
13)	L3 AR-1232-3	0.000	5.770	0	278980	N.D.	1.094 #
16)	L4 AR-1242-1	0.000	5.749	0	357696	N.D.	1.480 #
17)	L4 AR-1242-2	0.000	5.770	0	278980	N.D.	0.752 #
18)	L4 AR-1242-3	0.000	5.770	0	278980	N.D.	1.227 #
20)	L4 AR-1242-5	0.000	6.593	0	2356850	N.D.	10.241 #
21)	L5 AR-1248-1	0.000	5.749	0	357696	N.D.	2.137 #
23)	L5 AR-1248-3	0.000	6.157	0	38279	N.D.	0.133 #
24)	L5 AR-1248-4	0.000	6.593	0	2356850	N.D.	6.566 #
25)	L5 AR-1248-5	0.000	6.593	0	2356850	N.D.	6.809 #
26)	L6 AR-1254-1	0.000	6.593	0	2356850	N.D.	5.970 #
27)	L6 AR-1254-2	0.000	6.802	0	610983	N.D.	0.966 #
28)	L6 AR-1254-3	0.000	7.189	0	1313950	N.D.	1.819 #
29)	L6 AR-1254-4	0.000	7.457	0	913313	N.D.	1.663 #
30)	L6 AR-1254-5	6.811	7.847	3644844	365106	18.225	0.612 #
31)	L7 AR-1260-1	0.000	7.333	0	35555	N.D.	0.086 #
32)	L7 AR-1260-2	0.000	7.583	0	1139451	N.D.	2.242 #
33)	L7 AR-1260-3	0.000	7.934	0	12348935	N.D.	30.169 #
34)	L7 AR-1260-4	7.063	8.180	4382353	15000524	35.245	31.457
35)	L7 AR-1260-5	7.305	8.486	2009999	6617454	6.374	6.380
36)	L8 AR-1262-1	6.811	7.934	3644844	12348935	53.580	20.656 #
37)	L8 AR-1262-2	7.305	8.486	2009999	6617454	5.713	5.562
38)	L8 AR-1262-3	7.584	8.799	19556467	69529247	139.766	85.904 #
39)	L8 AR-1262-4	7.648	8.895	18284595	65406773	68.889	105.363 #
40)	L8 AR-1262-5	8.138	9.557	6952804	26079233	52.818	55.213
41)	L9 AR-1268-1	7.584	8.799	19556467	69529247	53.151	53.128
42)	L9 AR-1268-2	7.648	8.895	18284595	65406773	53.370	52.533
43)	L9 AR-1268-3	7.849	9.124	15940840	56764086	55.738	53.805
44)	L9 AR-1268-4	8.138	9.557	6952804	26079233	51.365	53.167
45)	L9 AR-1268-5	8.426	9.972	49451663	193.9E6	47.963	49.153

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 15:16:04 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
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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

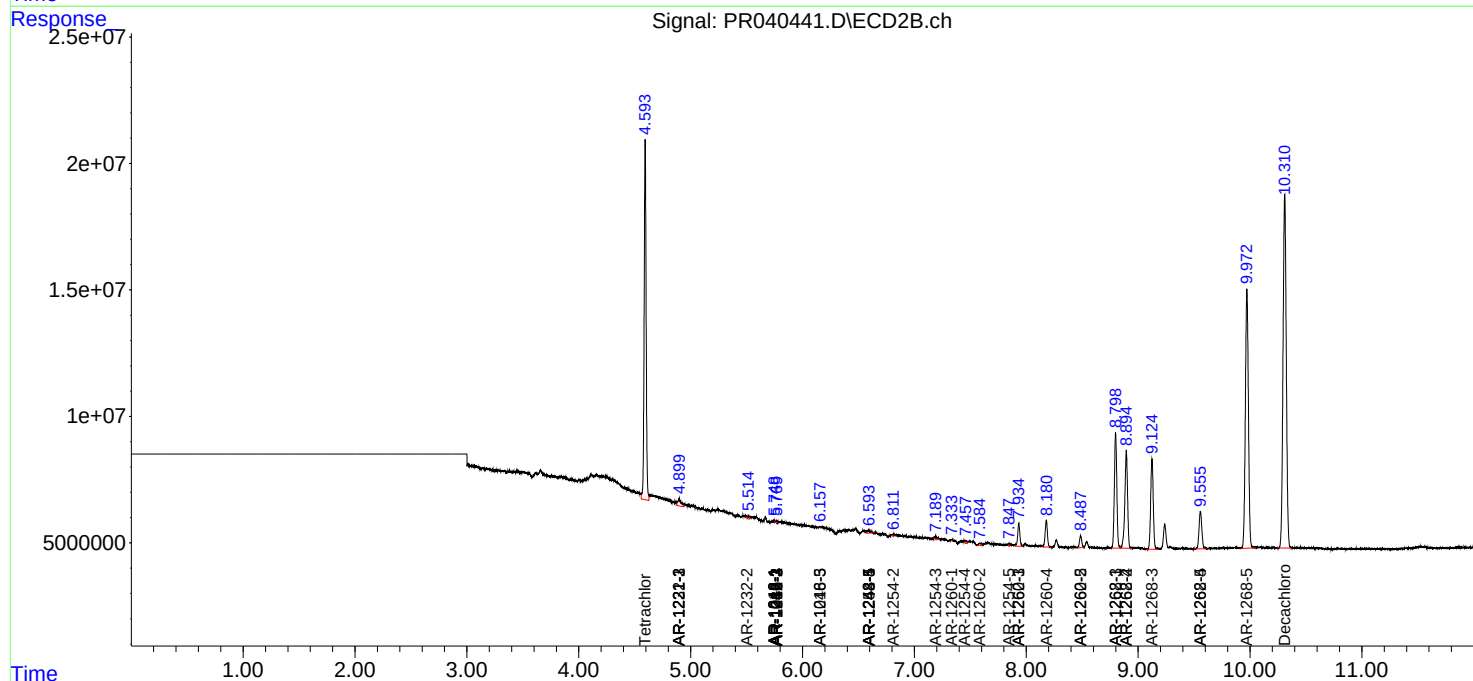
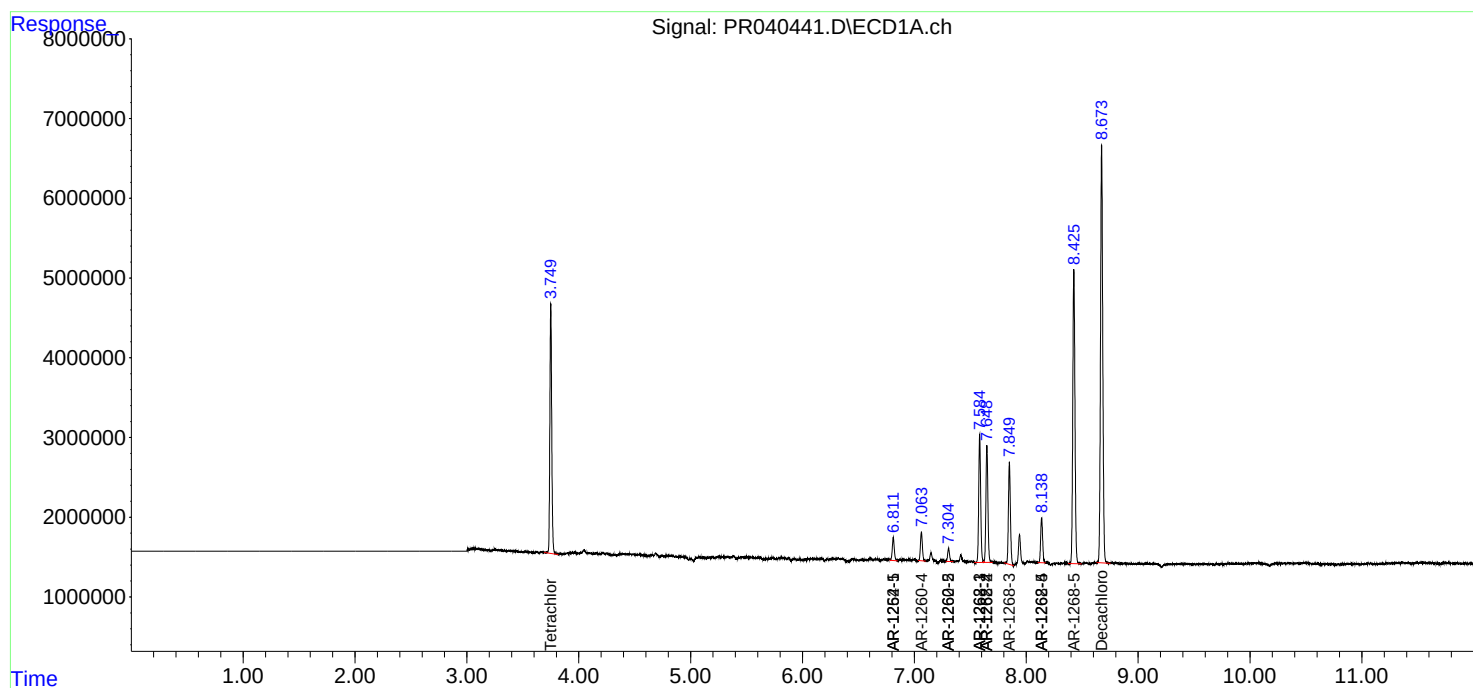
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

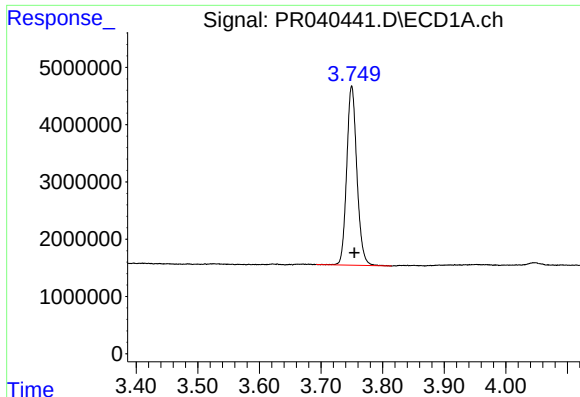
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

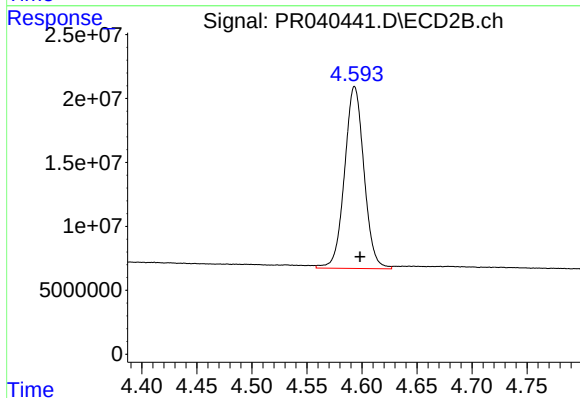




#1 Tetrachloro-m-xylene

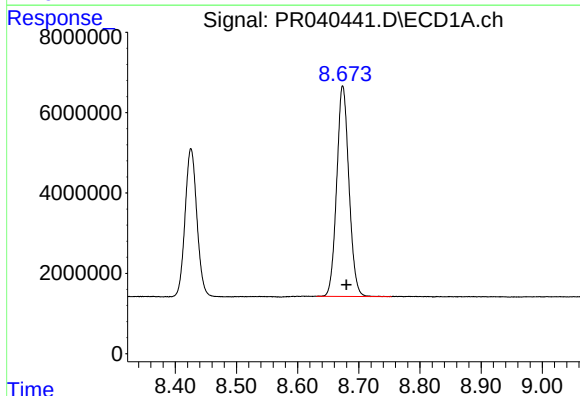
R.T.: 3.750 min
Delta R.T.: -0.004 min
Response: 35954493
Conc: 29.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



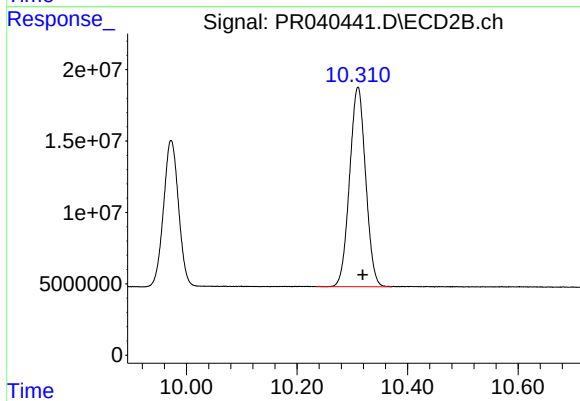
#1 Tetrachloro-m-xylene

R.T.: 4.593 min
Delta R.T.: -0.005 min
Response: 174985324
Conc: 28.37 ng/ml



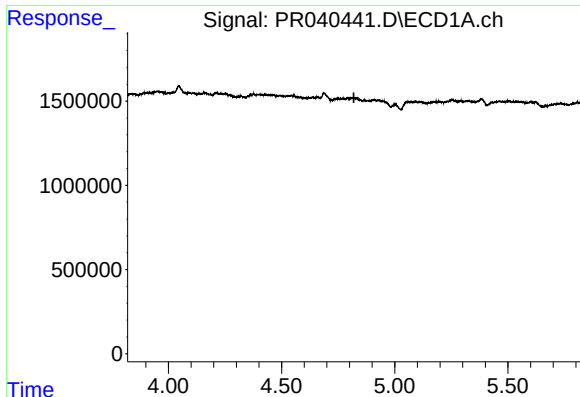
#2 Decachlorobiphenyl

R.T.: 8.674 min
Delta R.T.: -0.006 min
Response: 72847847
Conc: 25.29 ng/ml



#2 Decachlorobiphenyl

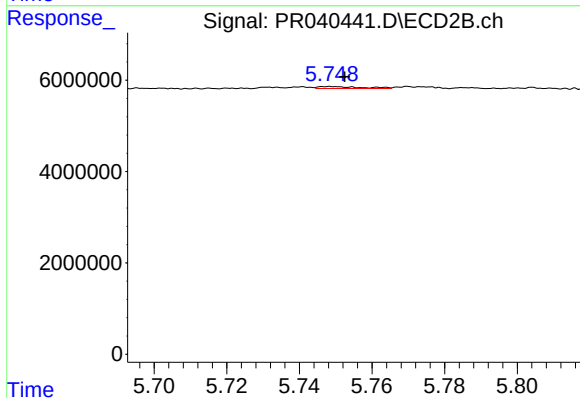
R.T.: 10.310 min
Delta R.T.: -0.009 min
Response: 281802169
Conc: 24.28 ng/ml



#3 AR-1016-1

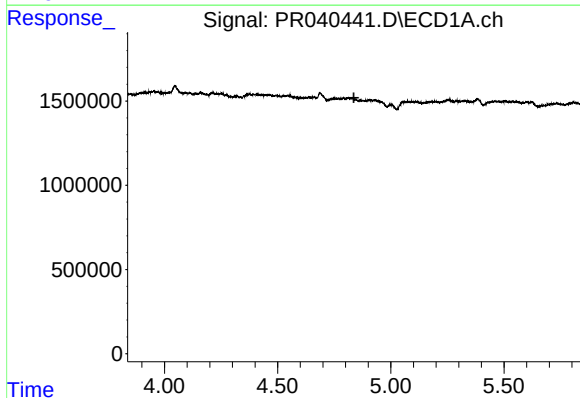
R.T.: 0.000 min
Exp R.T.: 4.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



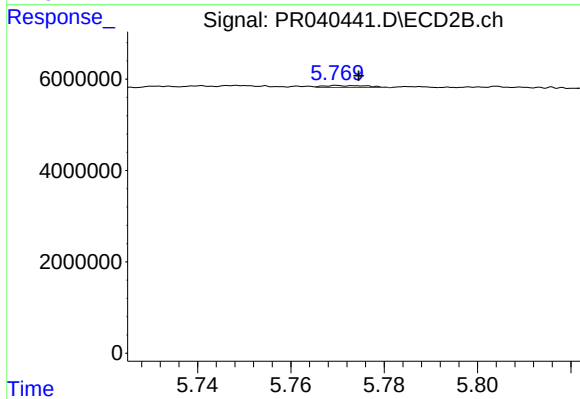
#3 AR-1016-1

R.T.: 5.749 min
Delta R.T.: -0.004 min
Response: 357696
Conc: 1.43 ng/ml



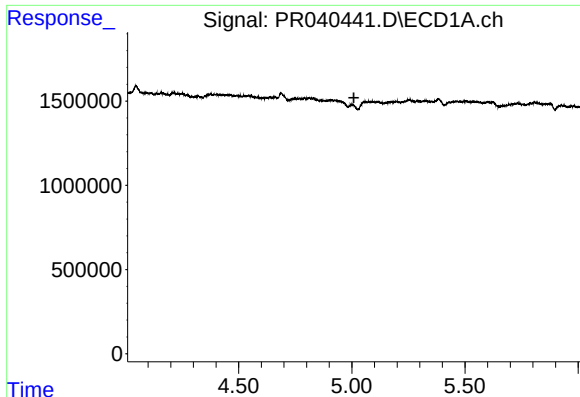
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.837 min
Response: 0
Conc: N.D.



#4 AR-1016-2

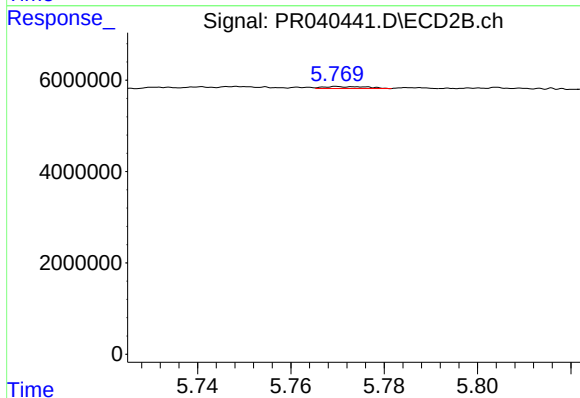
R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 278980
Conc: 0.72 ng/ml



#5 AR-1016-3

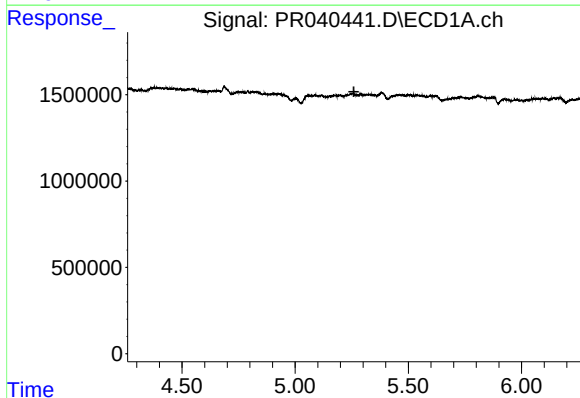
R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



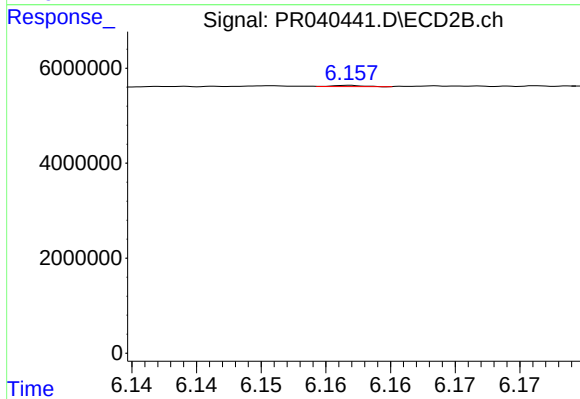
#5 AR-1016-3

R.T.: 5.770 min
Delta R.T.: -0.066 min
Response: 278980
Conc: 1.14 ng/ml



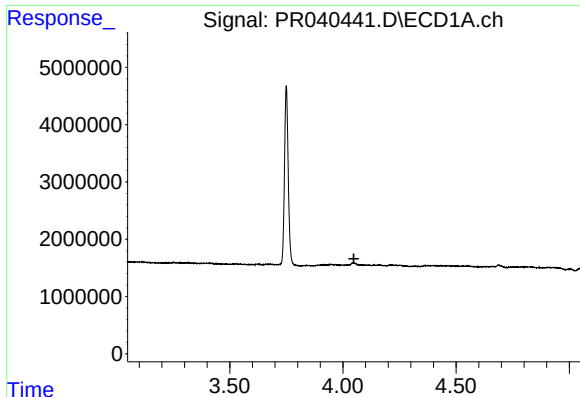
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.260 min
Response: 0
Conc: N.D.



#7 AR-1016-5

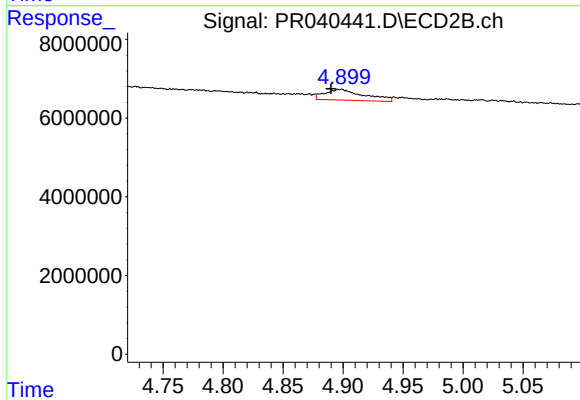
R.T.: 6.157 min
Delta R.T.: -0.066 min
Response: 38279
Conc: 0.20 ng/ml



#9 AR-1221-2

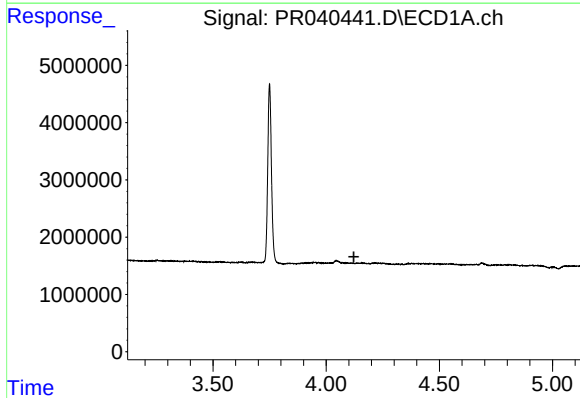
R.T.: 0.000 min
Exp R.T. : 4.048 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



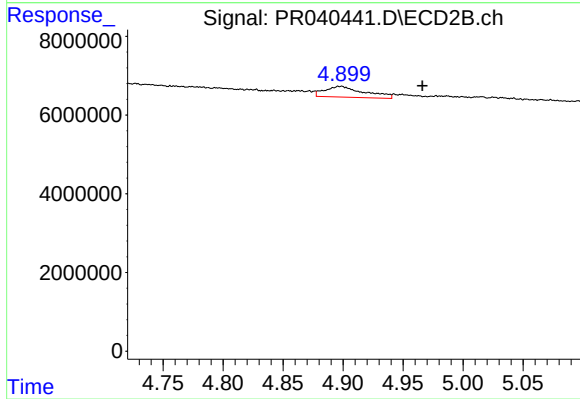
#9 AR-1221-2

R.T.: 4.899 min
Delta R.T.: 0.009 min
Response: 6328208
Conc: 100.81 ng/ml



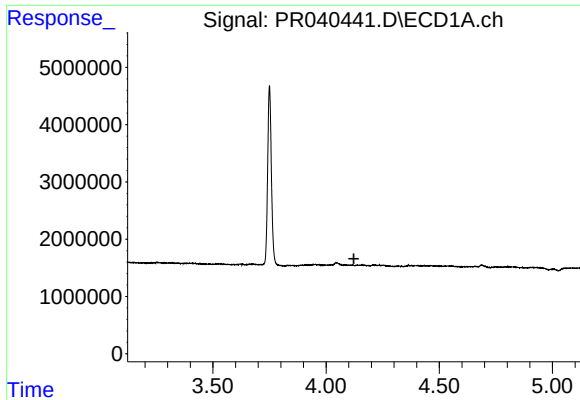
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.122 min
Response: 0
Conc: N.D.



#10 AR-1221-3

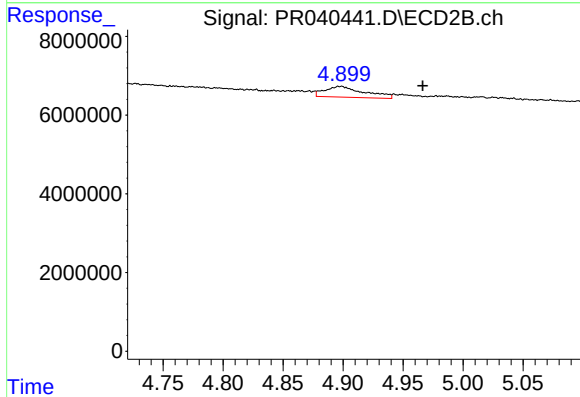
R.T.: 4.899 min
Delta R.T.: -0.067 min
Response: 6328208
Conc: 31.59 ng/ml



#11 AR-1232-1

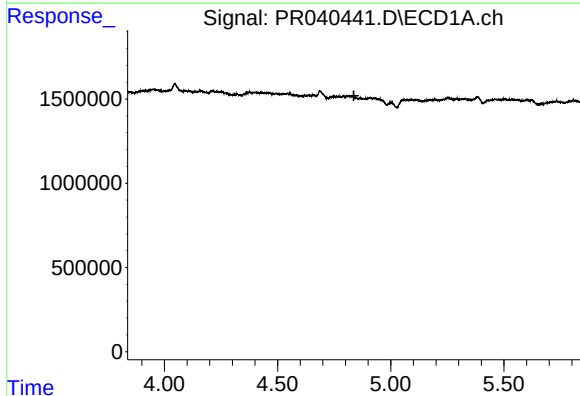
R.T.: 0.000 min
Exp R.T.: 4.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



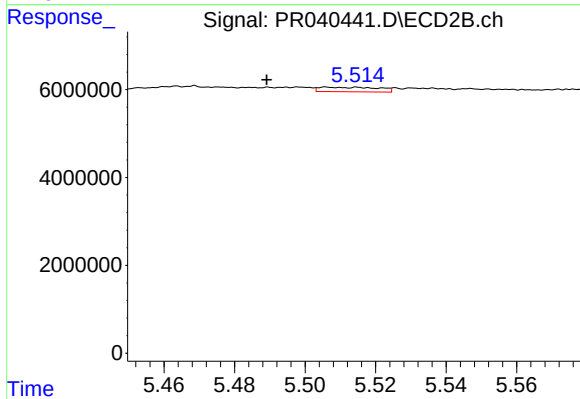
#11 AR-1232-1

R.T.: 4.899 min
Delta R.T.: -0.067 min
Response: 6328208
Conc: 30.44 ng/ml



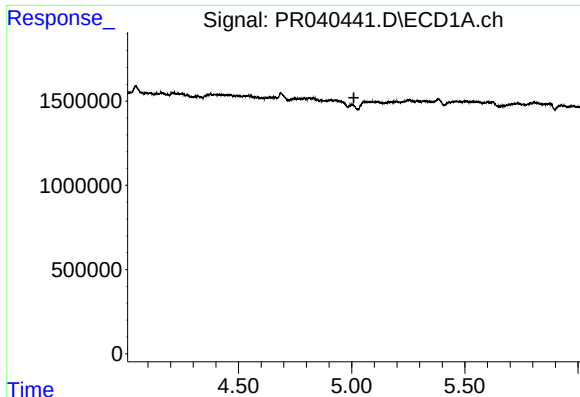
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 4.837 min
Response: 0
Conc: N.D.



#12 AR-1232-2

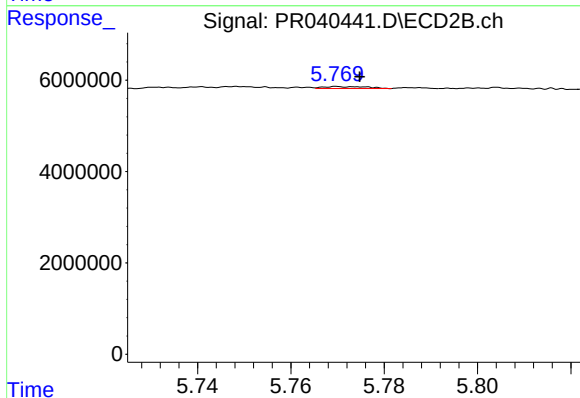
R.T.: 5.506 min
Delta R.T.: 0.017 min
Response: 1201176
Conc: 10.56 ng/ml



#13 AR-1232-3

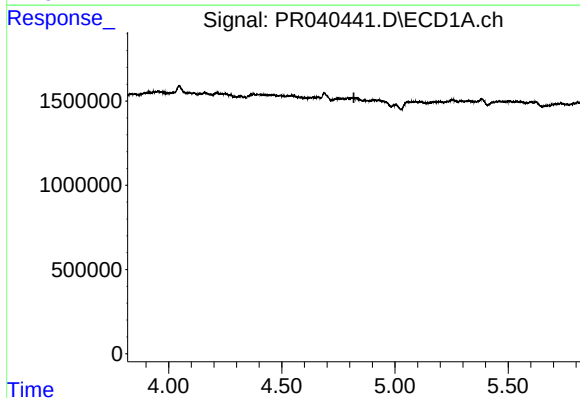
R.T.: 0.000 min
Exp R.T.: 5.010 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



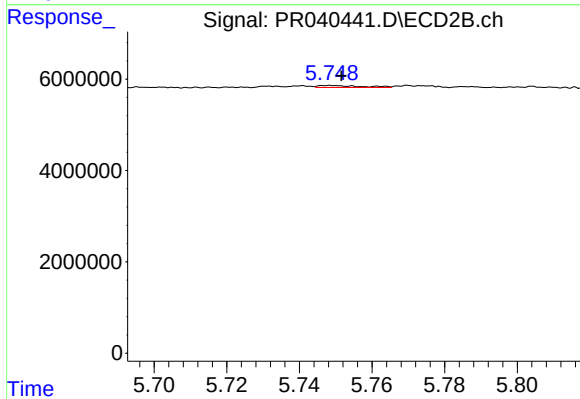
#13 AR-1232-3

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 278980
Conc: 1.09 ng/ml



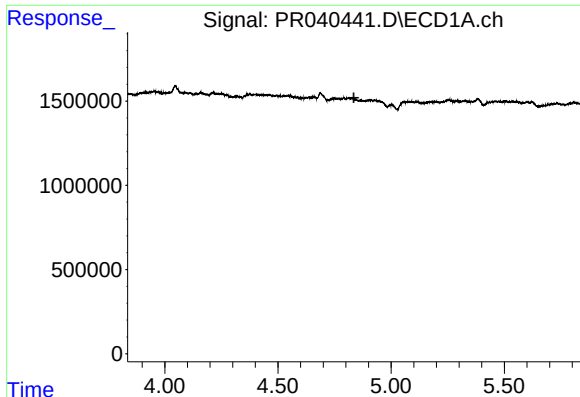
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.



#16 AR-1242-1

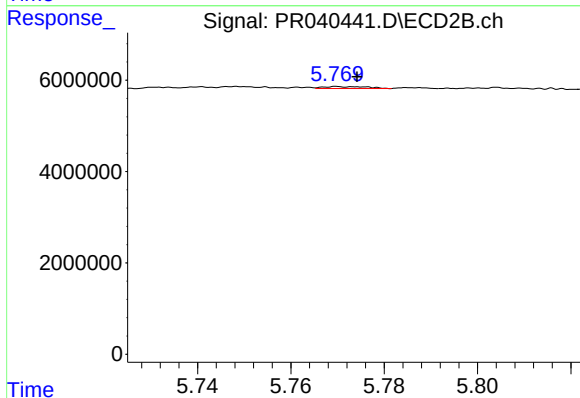
R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 357696
Conc: 1.48 ng/ml



#17 AR-1242-2

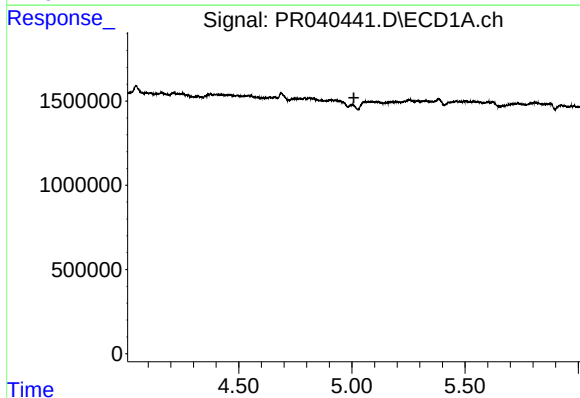
R.T.: 0.000 min
Exp R.T.: 4.836 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



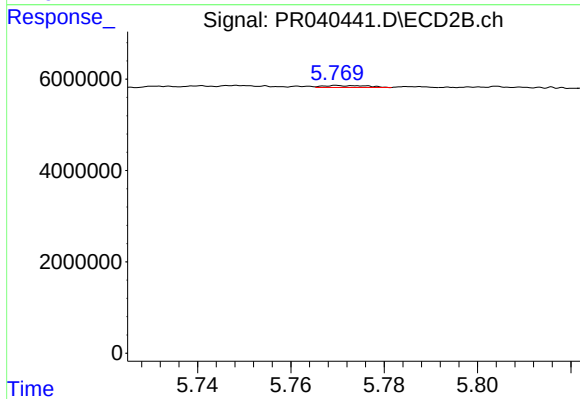
#17 AR-1242-2

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 278980
Conc: 0.75 ng/ml



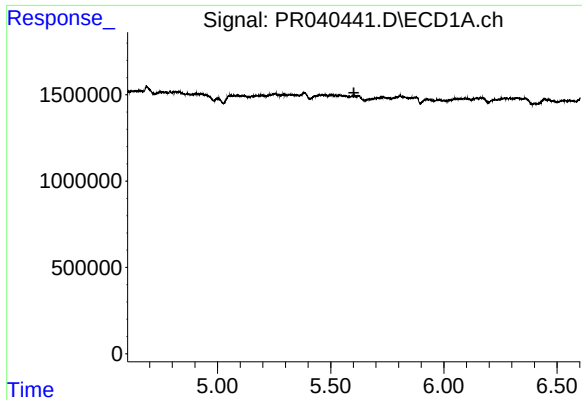
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.



#18 AR-1242-3

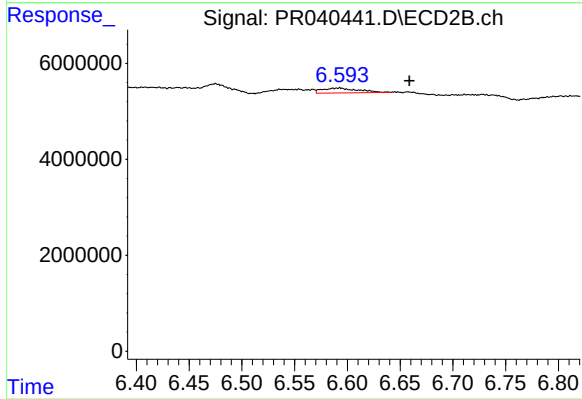
R.T.: 5.770 min
Delta R.T.: -0.065 min
Response: 278980
Conc: 1.23 ng/ml



#20 AR-1242-5

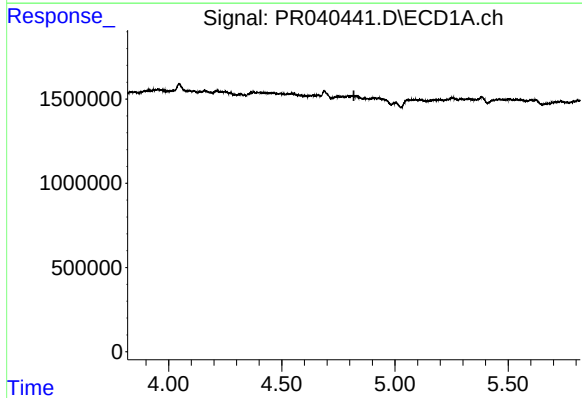
R.T.: 0.000 min
Exp R.T.: 5.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
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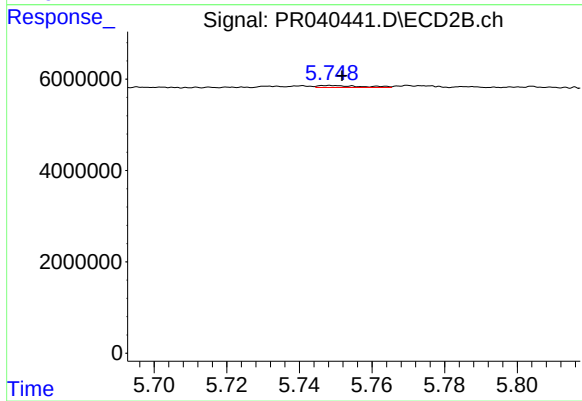
#20 AR-1242-5

R.T.: 6.593 min
Delta R.T.: -0.066 min
Response: 2356850
Conc: 10.24 ng/ml



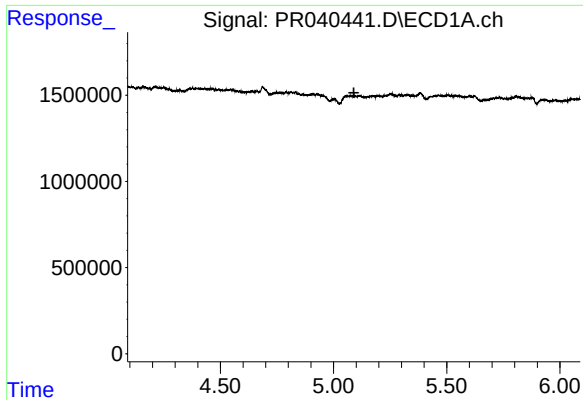
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.



#21 AR-1248-1

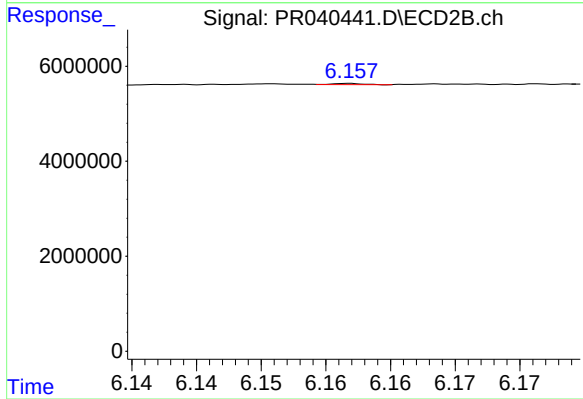
R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 357696
Conc: 2.14 ng/ml



#23 AR-1248-3

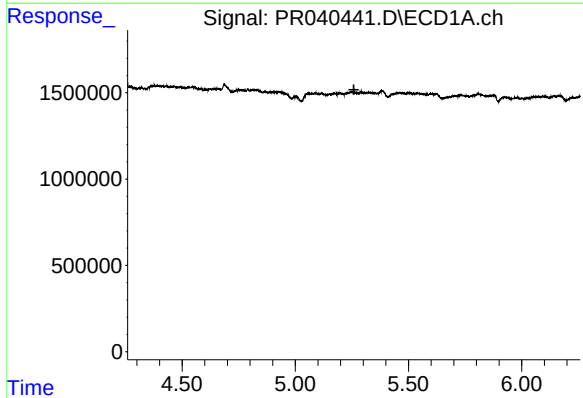
R.T.: 0.000 min
Exp R.T.: 5.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



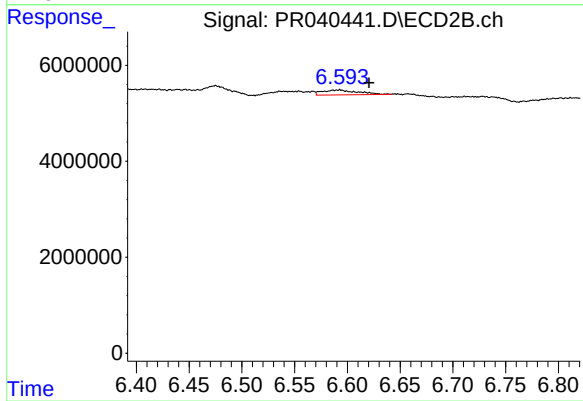
#23 AR-1248-3

R.T.: 6.157 min
Delta R.T.: -0.065 min
Response: 38279
Conc: 0.13 ng/ml



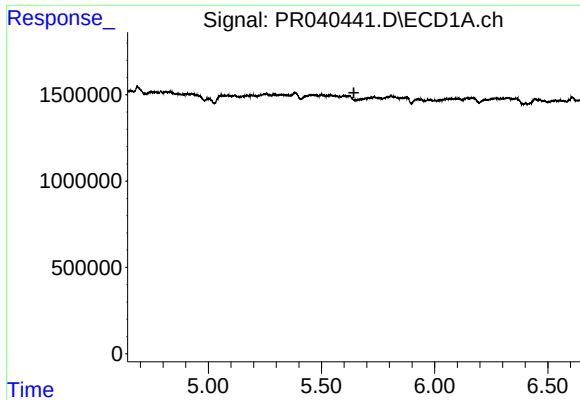
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 5.259 min
Response: 0
Conc: N.D.



#24 AR-1248-4

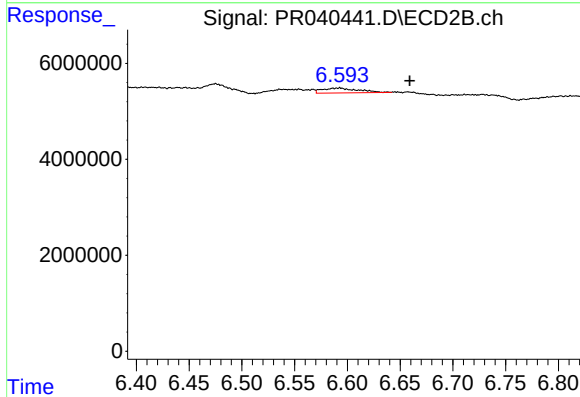
R.T.: 6.593 min
Delta R.T.: -0.028 min
Response: 2356850
Conc: 6.57 ng/ml



#25 AR-1248-5

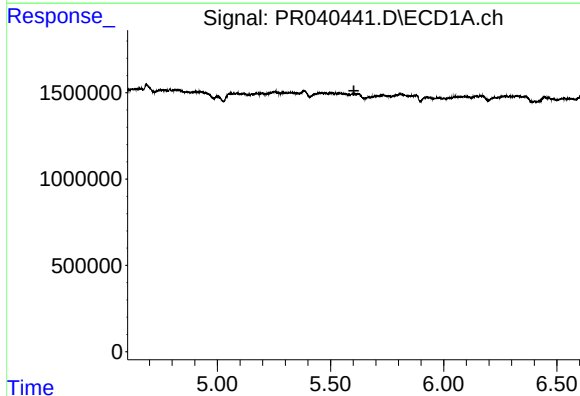
R.T.: 0.000 min
Exp R.T.: 5.643 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



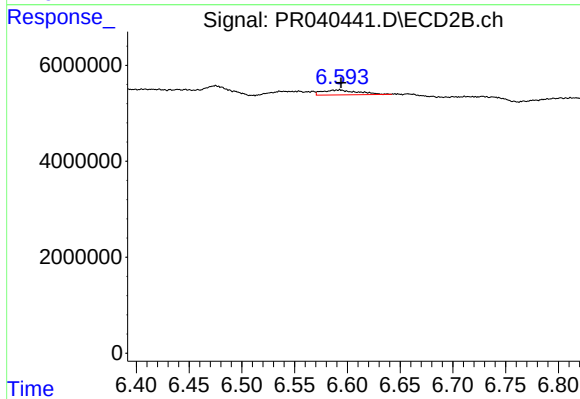
#25 AR-1248-5

R.T.: 6.593 min
Delta R.T.: -0.066 min
Response: 2356850
Conc: 6.81 ng/ml



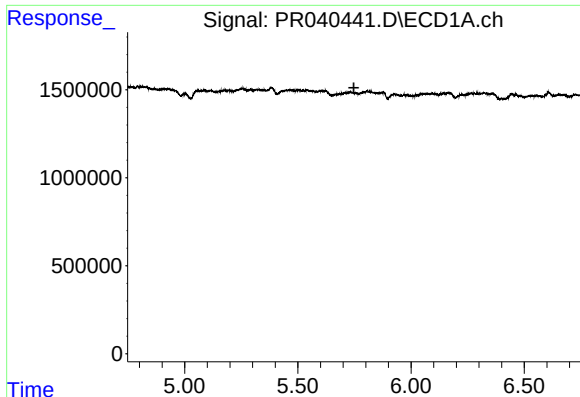
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 5.603 min
Response: 0
Conc: N.D.



#26 AR-1254-1

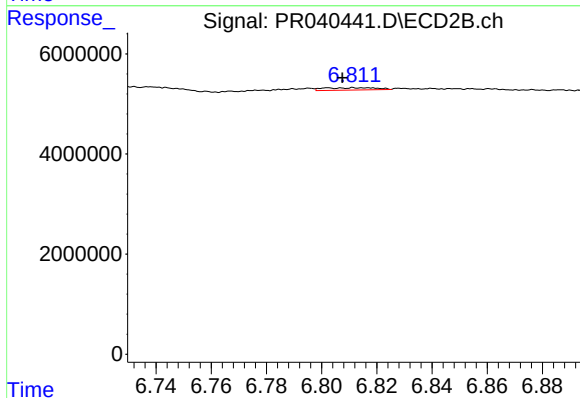
R.T.: 6.593 min
Delta R.T.: -0.001 min
Response: 2356850
Conc: 5.97 ng/ml



#27 AR-1254-2

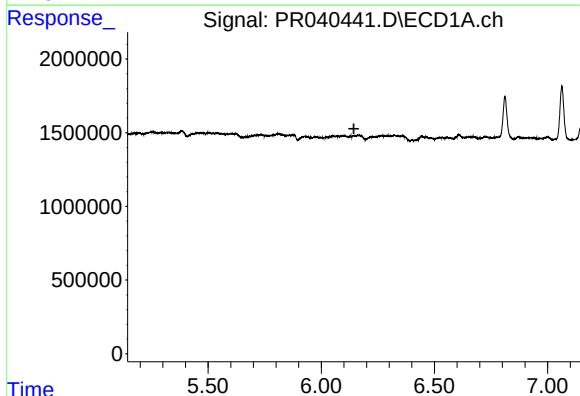
R.T.: 0.000 min
Exp R.T.: 5.747 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



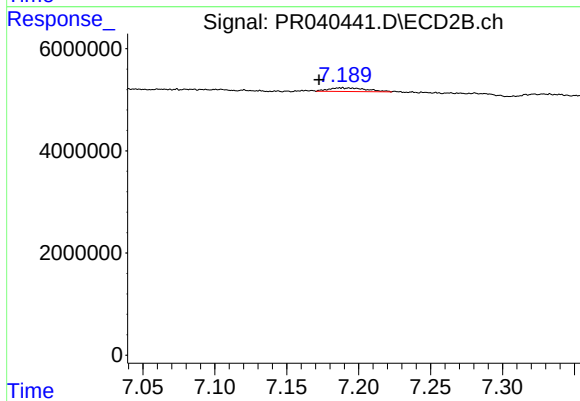
#27 AR-1254-2

R.T.: 6.802 min
Delta R.T.: -0.005 min
Response: 610983
Conc: 0.97 ng/ml



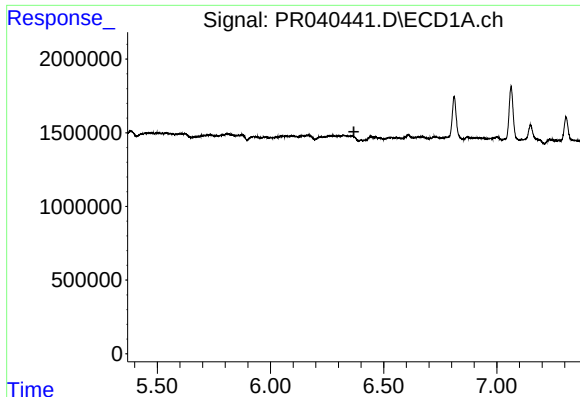
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.144 min
Response: 0
Conc: N.D.



#28 AR-1254-3

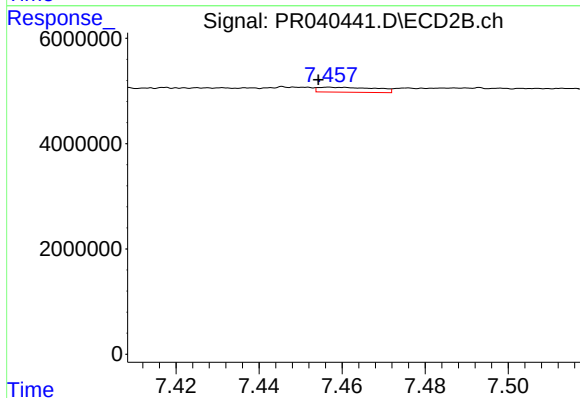
R.T.: 7.189 min
Delta R.T.: 0.016 min
Response: 1313950
Conc: 1.82 ng/ml



#29 AR-1254-4

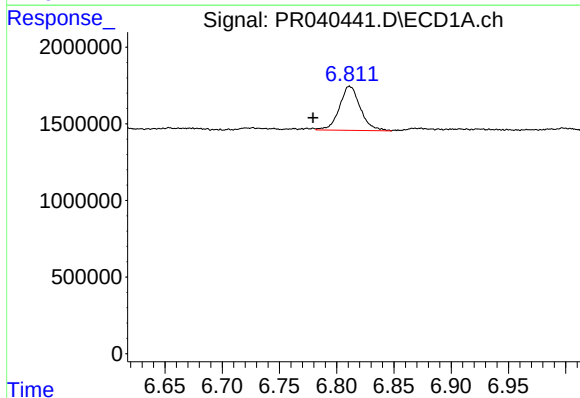
R.T.: 0.000 min
Exp R.T.: 6.368 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



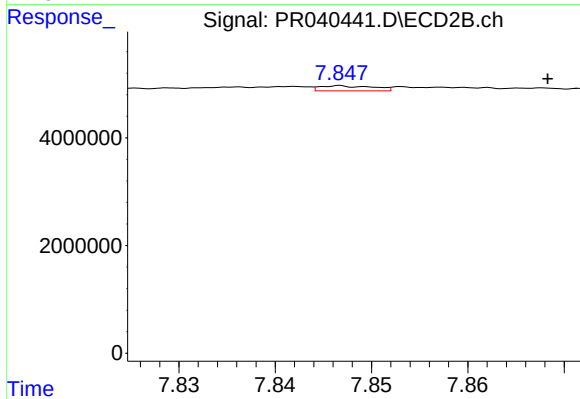
#29 AR-1254-4

R.T.: 7.457 min
Delta R.T.: 0.003 min
Response: 913313
Conc: 1.66 ng/ml



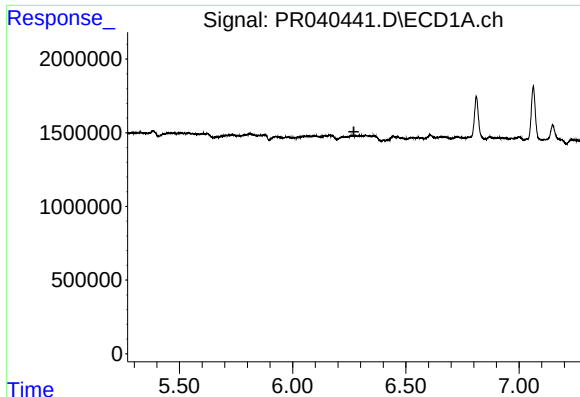
#30 AR-1254-5

R.T.: 6.811 min
Delta R.T.: 0.032 min
Response: 3644844
Conc: 18.23 ng/ml



#30 AR-1254-5

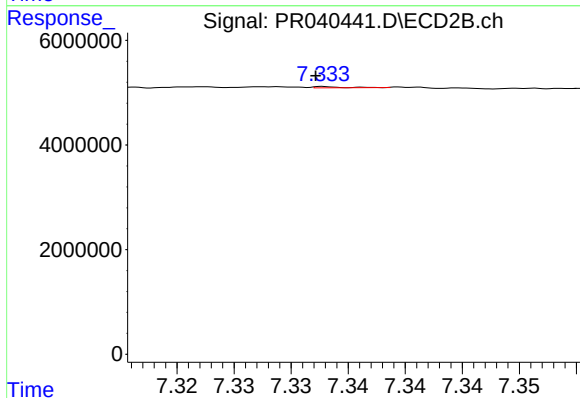
R.T.: 7.847 min
Delta R.T.: -0.021 min
Response: 365106
Conc: 0.61 ng/ml



#31 AR-1260-1

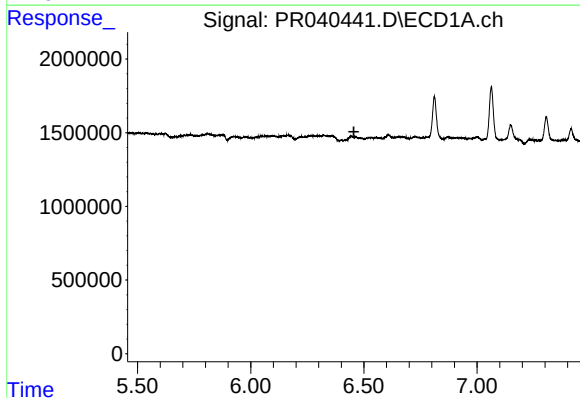
R.T.: 0.000 min
Exp R.T.: 6.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



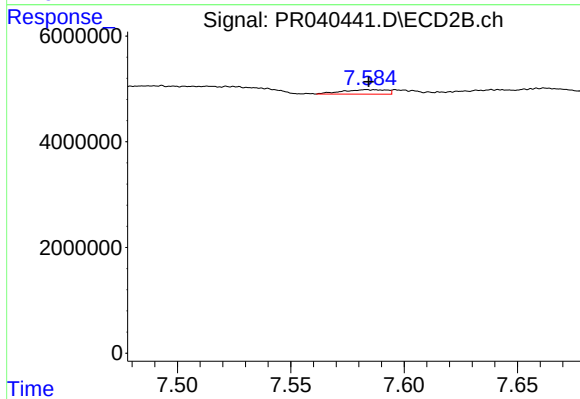
#31 AR-1260-1

R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 35555
Conc: 0.09 ng/ml



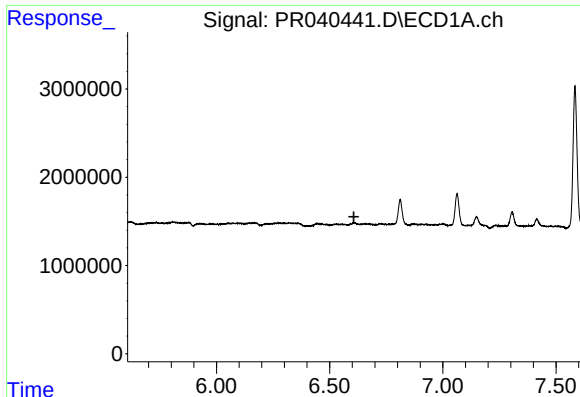
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.456 min
Response: 0
Conc: N.D.



#32 AR-1260-2

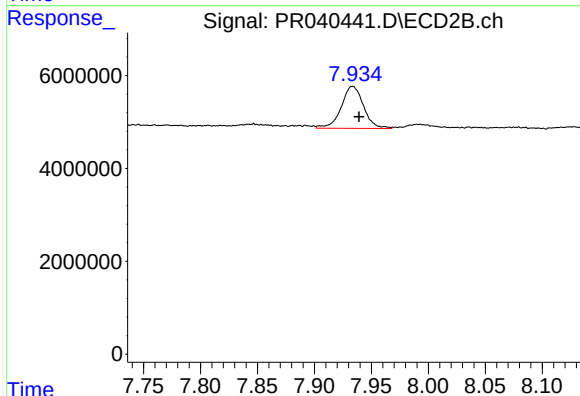
R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 1139451
Conc: 2.24 ng/ml



#33 AR-1260-3

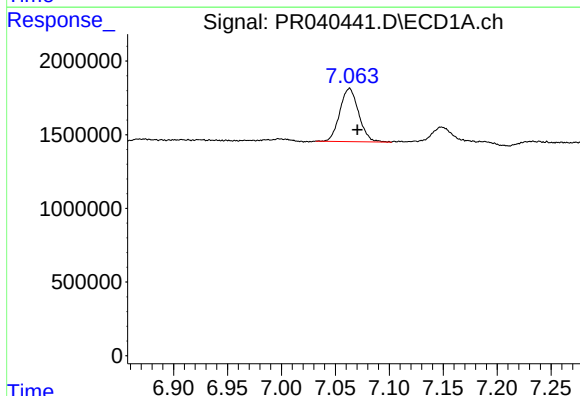
R.T.: 0.000 min
Exp R.T.: 6.607 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



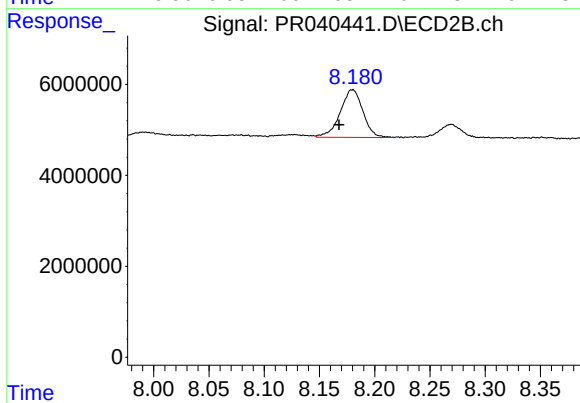
#33 AR-1260-3

R.T.: 7.934 min
Delta R.T.: -0.006 min
Response: 12348935
Conc: 30.17 ng/ml



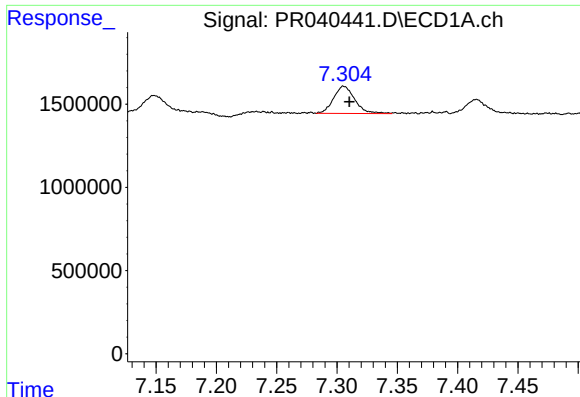
#34 AR-1260-4

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 4382353
Conc: 35.25 ng/ml



#34 AR-1260-4

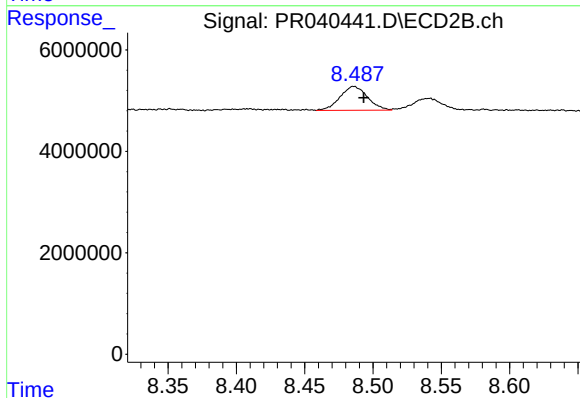
R.T.: 8.180 min
Delta R.T.: 0.012 min
Response: 15000524
Conc: 31.46 ng/ml



#35 AR-1260-5

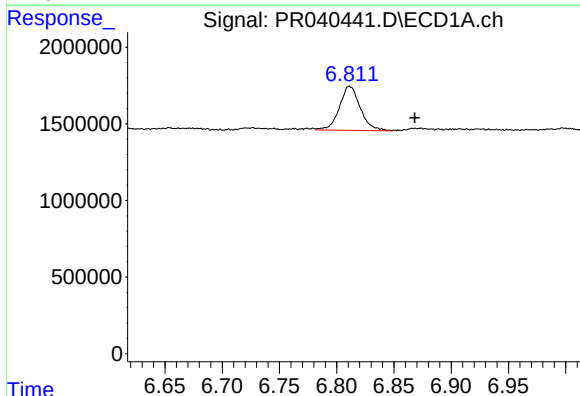
R.T.: 7.305 min
Delta R.T.: -0.005 min
Response: 2009999
Conc: 6.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



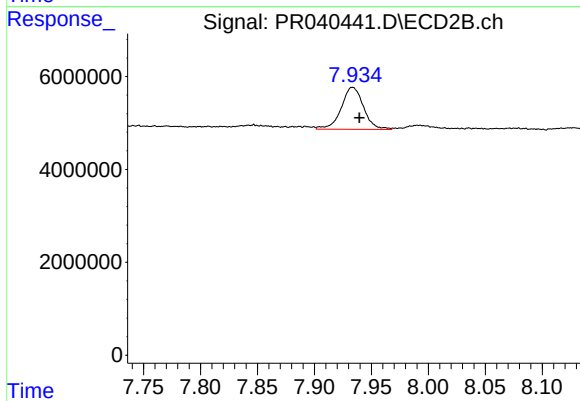
#35 AR-1260-5

R.T.: 8.486 min
Delta R.T.: -0.007 min
Response: 6617454
Conc: 6.38 ng/ml



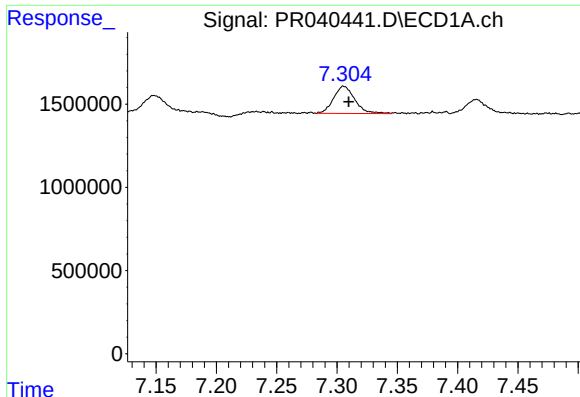
#36 AR-1262-1

R.T.: 6.811 min
Delta R.T.: -0.057 min
Response: 3644844
Conc: 53.58 ng/ml



#36 AR-1262-1

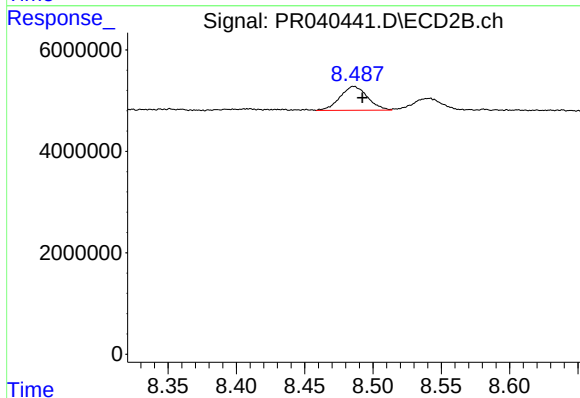
R.T.: 7.934 min
Delta R.T.: -0.006 min
Response: 12348935
Conc: 20.66 ng/ml



#37 AR-1262-2

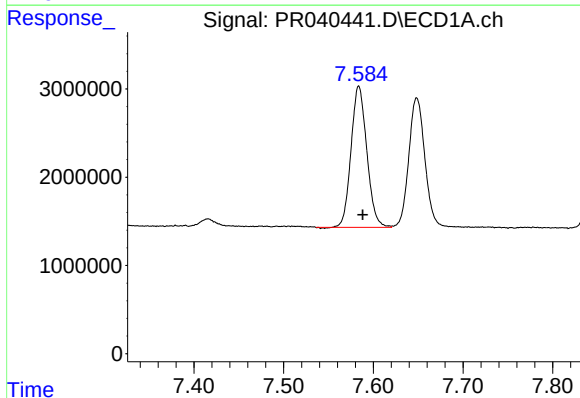
R.T.: 7.305 min
Delta R.T.: -0.004 min
Response: 2009999
Conc: 5.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



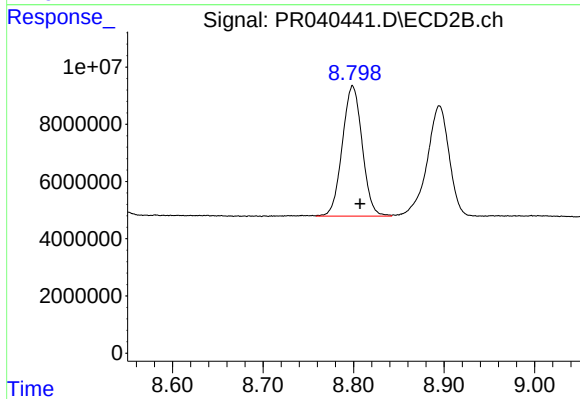
#37 AR-1262-2

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 6617454
Conc: 5.56 ng/ml



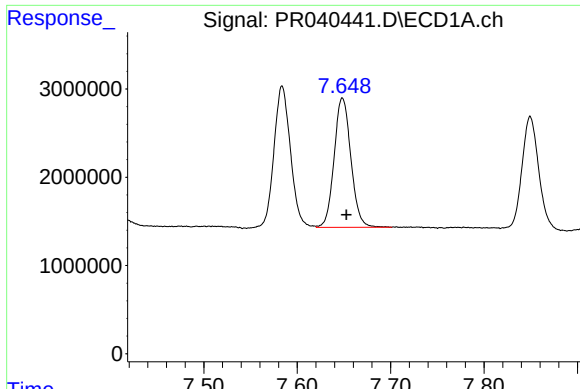
#38 AR-1262-3

R.T.: 7.584 min
Delta R.T.: -0.004 min
Response: 19556467
Conc: 139.77 ng/ml



#38 AR-1262-3

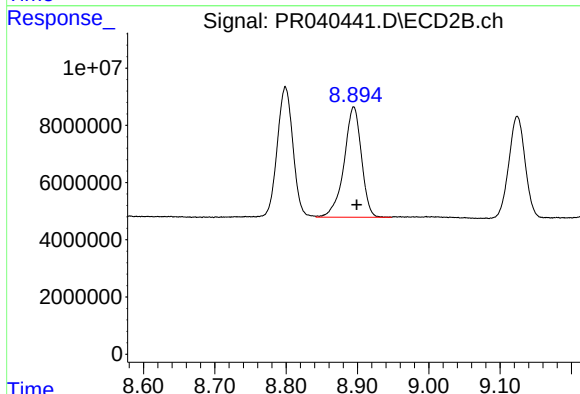
R.T.: 8.799 min
Delta R.T.: -0.008 min
Response: 69529247
Conc: 85.90 ng/ml



#39 AR-1262-4

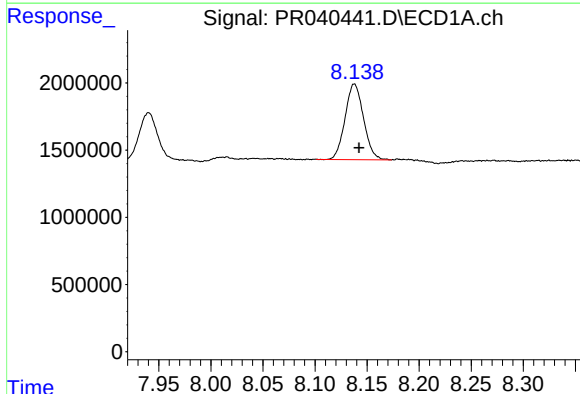
R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 18284595
Conc: 68.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



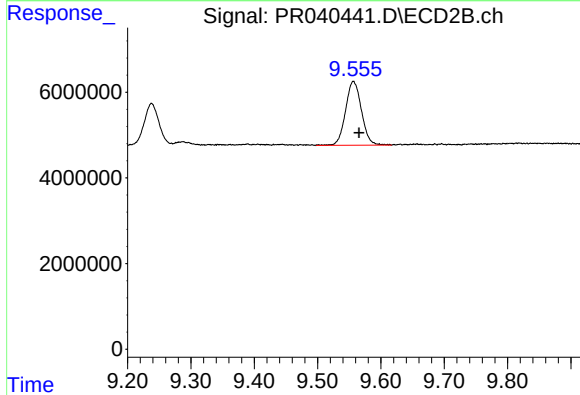
#39 AR-1262-4

R.T.: 8.895 min
Delta R.T.: -0.004 min
Response: 65406773
Conc: 105.36 ng/ml



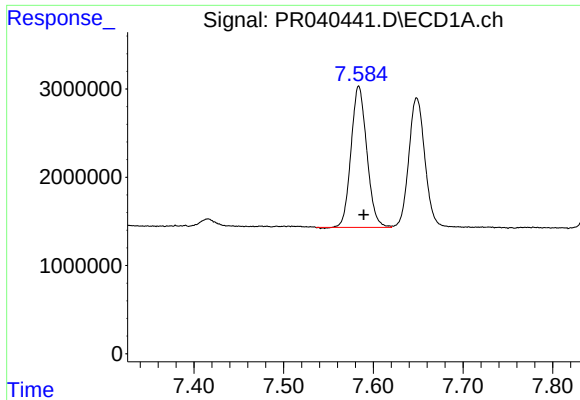
#40 AR-1262-5

R.T.: 8.138 min
Delta R.T.: -0.005 min
Response: 6952804
Conc: 52.82 ng/ml



#40 AR-1262-5

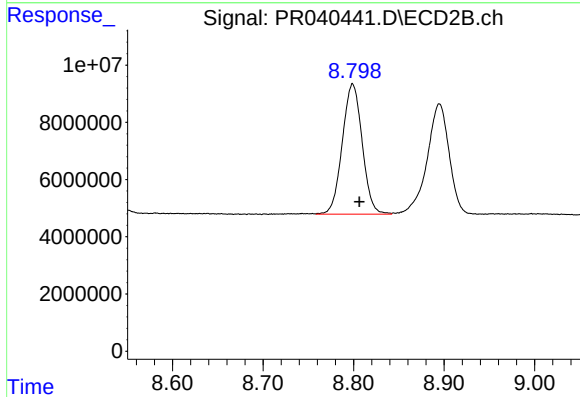
R.T.: 9.557 min
Delta R.T.: -0.009 min
Response: 26079233
Conc: 55.21 ng/ml



#41 AR-1268-1

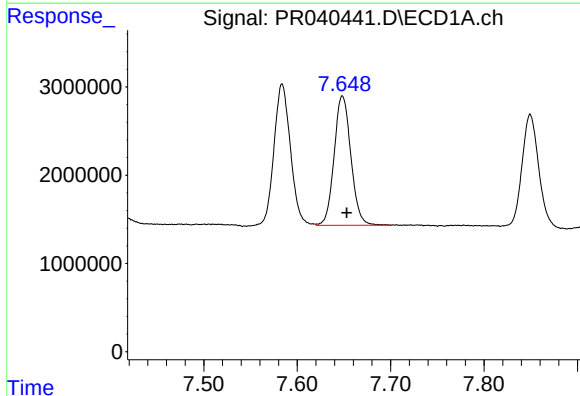
R.T.: 7.584 min
Delta R.T.: -0.005 min
Response: 19556467
Conc: 53.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



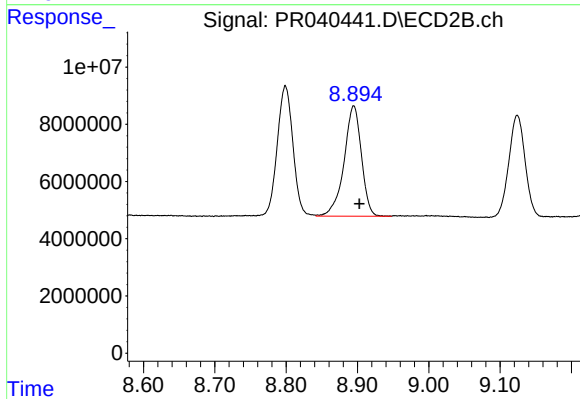
#41 AR-1268-1

R.T.: 8.799 min
Delta R.T.: -0.008 min
Response: 69529247
Conc: 53.13 ng/ml



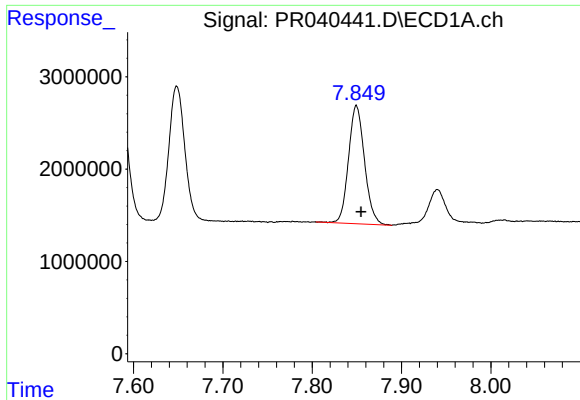
#42 AR-1268-2

R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 18284595
Conc: 53.37 ng/ml



#42 AR-1268-2

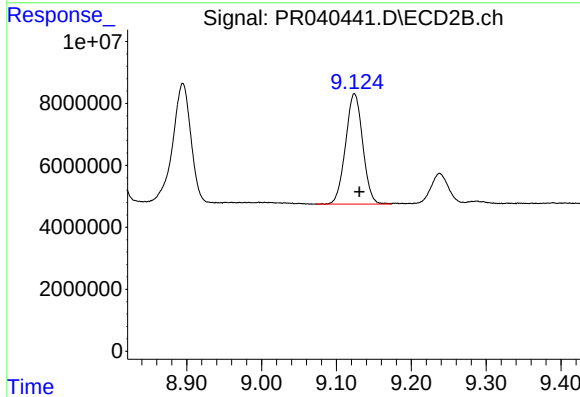
R.T.: 8.895 min
Delta R.T.: -0.008 min
Response: 65406773
Conc: 52.53 ng/ml



#43 AR-1268-3

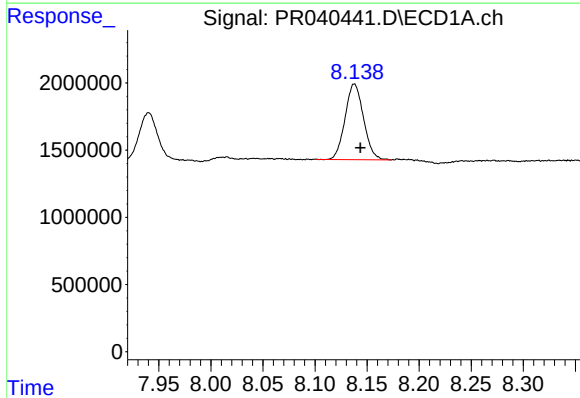
R.T.: 7.849 min
Delta R.T.: -0.005 min
Response: 15940840
Conc: 55.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



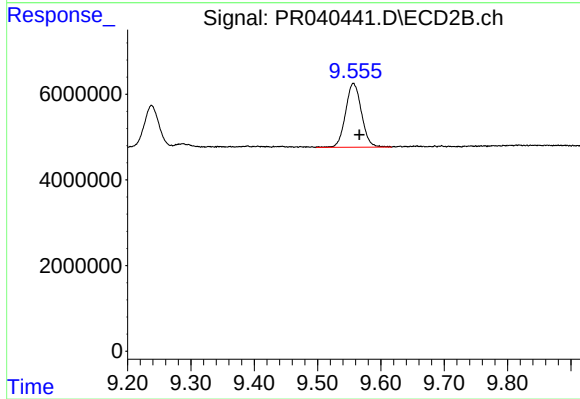
#43 AR-1268-3

R.T.: 9.124 min
Delta R.T.: -0.007 min
Response: 56764086
Conc: 53.80 ng/ml



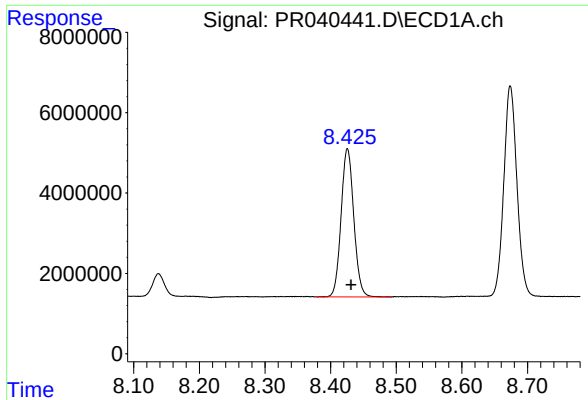
#44 AR-1268-4

R.T.: 8.138 min
Delta R.T.: -0.006 min
Response: 6952804
Conc: 51.37 ng/ml



#44 AR-1268-4

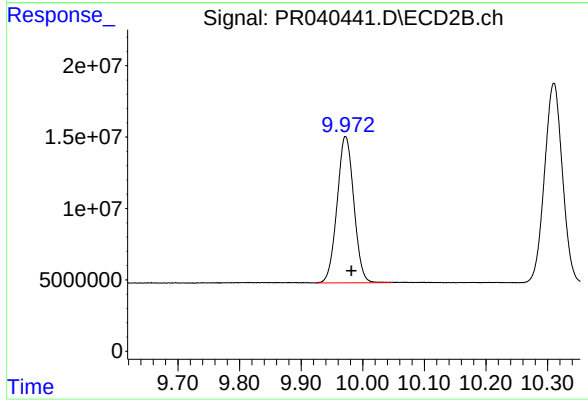
R.T.: 9.557 min
Delta R.T.: -0.009 min
Response: 26079233
Conc: 53.17 ng/ml



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.005 min
Response: 49451663
Conc: 47.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1262ICC500



#45 AR-1268-5

R.T.: 9.972 min
Delta R.T.: -0.009 min
Response: 193864436
Conc: 49.15 ng/ml