

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071520\
 Data File : PR046237.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2020 02:10
 Operator : AJ\MA
 Sample : L3216-08
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:37:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 16 04:01:55 2020
 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...	4.766	3.989	40968713	295.2E6	22.272	23.988
2) SA Decachlor...	10.765	9.111	51212585	435.2E6	25.909	28.104
Target Compounds						
3) L1 AR-1016-1	5.954	5.088	103562	2229728	1.477	4.498 #
4) L1 AR-1016-2	5.979	5.088f	93919	2229728	0.950	3.245 #
6) L1 AR-1016-4	0.000	5.326	0	18886397	N.D.	70.258 #
7) L1 AR-1016-5	6.436	5.543	1480949	11804020	30.113	31.746
8) L2 AR-1221-1	4.986	4.171f	83495	15478912	4.223	108.133 #
9) L2 AR-1221-2	5.083	4.294	732174	4787127	49.875	50.291
10) L2 AR-1221-3	5.145	0.000	73332	0	1.563	N.D. #
11) L3 AR-1232-1	5.145	0.000	73332	0	1.916	N.D. #
12) L3 AR-1232-2	5.670f	5.088f	84722	2229728	4.379	7.954 #
13) L3 AR-1232-3	5.979	0.000	93919	0	2.356	N.D. #
14) L3 AR-1232-4	0.000	5.368	0	4383448	N.D.	35.453 #
15) L3 AR-1232-5	6.227	5.543	2321219	11804020	153.922	85.963 #
16) L4 AR-1242-1	5.954	5.088	103562	2229728	1.916	5.862 #
17) L4 AR-1242-2	5.979	5.088f	93919	2229728	1.239	4.257 #
19) L4 AR-1242-4	0.000	5.368	0	4383448	N.D.	16.852 #
20) L4 AR-1242-5	6.885	5.898	1682839	48609020	38.033	131.676 #
21) L5 AR-1248-1	5.954	5.088	103562	2229728	2.571	7.732 #
22) L5 AR-1248-2	6.227	5.326	2321219	18886397	42.551	53.522 #
23) L5 AR-1248-3	6.436	5.368	1480949	4383448	23.861	11.713 #
24) L5 AR-1248-4	6.844	5.543	2320921	11804020	31.503	25.145
25) L5 AR-1248-5	6.885	5.940	1682839	6085128	23.961	12.569 #
26) L6 AR-1254-1	6.815	5.898	4712843	48609020	61.039	61.718
27) L6 AR-1254-2	7.032	6.045	7174041	44543874	58.676	64.784
28) L6 AR-1254-3	7.405	6.453	7682873	70219288	57.292	59.149
29) L6 AR-1254-4	7.693	6.681	5953178	47992737	57.979	62.277
30) L6 AR-1254-5	8.114	7.100	6207204	60910709	55.820	57.970
31) L7 AR-1260-1	7.565	6.584	3179805	34790036	34.185	48.207 #
32) L7 AR-1260-2	7.822	6.770	3671463	31182969	31.967	35.264
33) L7 AR-1260-3	8.178	6.926	797515	36528627	8.879	44.368 #
34) L7 AR-1260-4	8.426	7.401	2492485	8339008	23.944	11.670 #
35) L7 AR-1260-5	8.778	7.639	1181420	11568655	5.480	6.248
36) L8 AR-1262-1	8.178	7.100	797515	60910709	6.549	124.356 #
37) L8 AR-1262-2	8.778	7.639	1181420	11568655	5.218	5.952
38) L8 AR-1262-3	9.140f	0.000	725270	0	7.427	N.D. #
39) L8 AR-1262-4	9.194f	7.988	223787	25754866	1.962	18.158 #
40) L8 AR-1262-5	0.000	8.516	0	3711890	N.D.	5.471 #
41) L9 AR-1268-1	9.140f	0.000	725270	0	2.423	N.D. #
42) L9 AR-1268-2	9.194f	7.988	223787	25754866	0.805	10.733 #
43) L9 AR-1268-3	9.463	8.205	673425	6544152	2.934	3.259

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 Operator : AJ\MA
 Sample : L3216-08
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 35 Sample Multiplier: 1

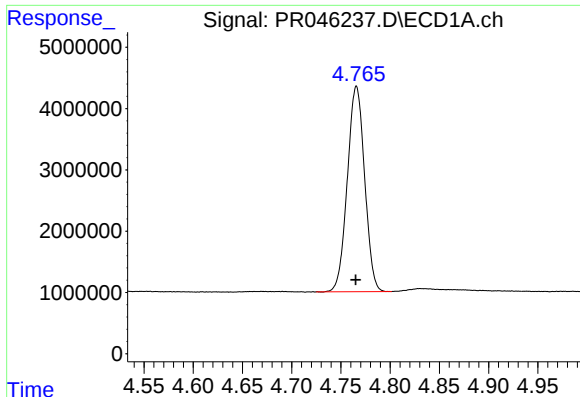
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:37:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.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
44) L9	AR-1268-4	0.000	8.516	0	3711890	N.D.	4.260 #
45) L9	AR-1268-5	10.395	8.828	625691	6227668	0.800	0.984

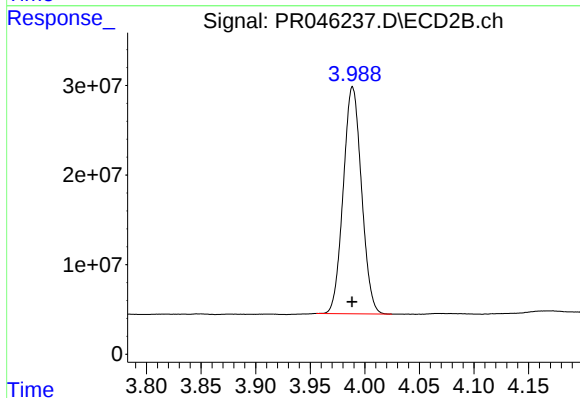
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

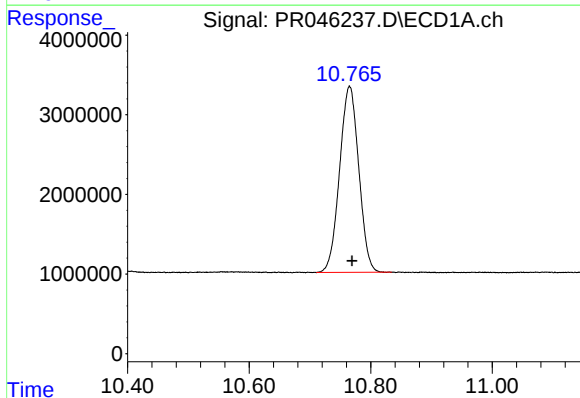
R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 40968713
Conc: 22.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



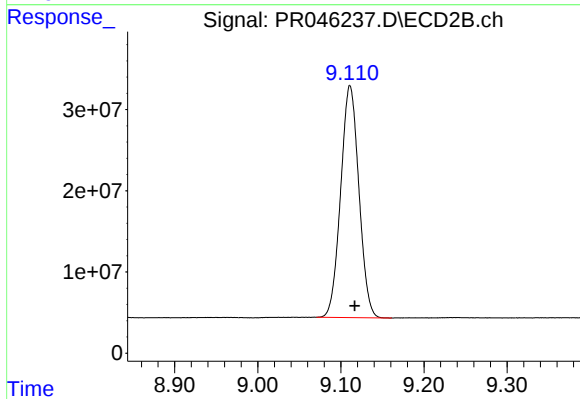
#1 Tetrachloro-m-xylene

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 295200009
Conc: 23.99 ng/ml



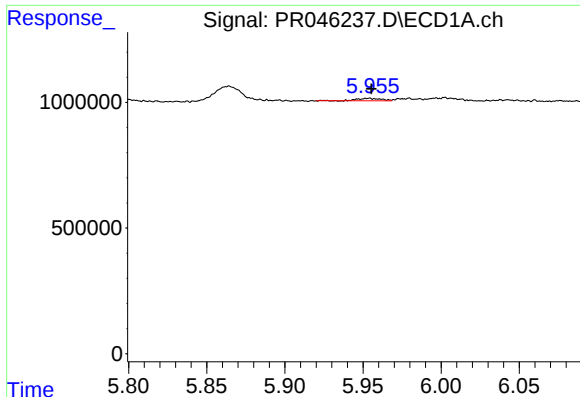
#2 Decachlorobiphenyl

R.T.: 10.765 min
Delta R.T.: -0.004 min
Response: 51212585
Conc: 25.91 ng/ml



#2 Decachlorobiphenyl

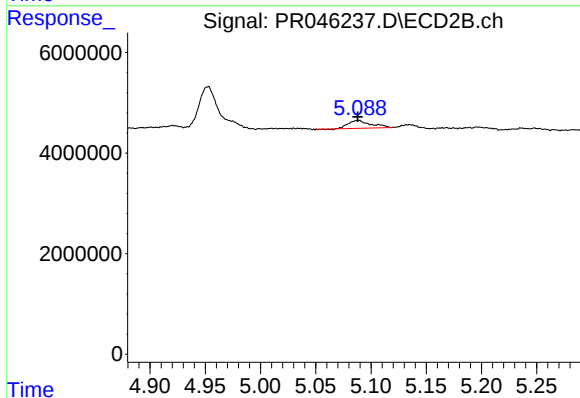
R.T.: 9.111 min
Delta R.T.: -0.006 min
Response: 435161816
Conc: 28.10 ng/ml



#3 AR-1016-1

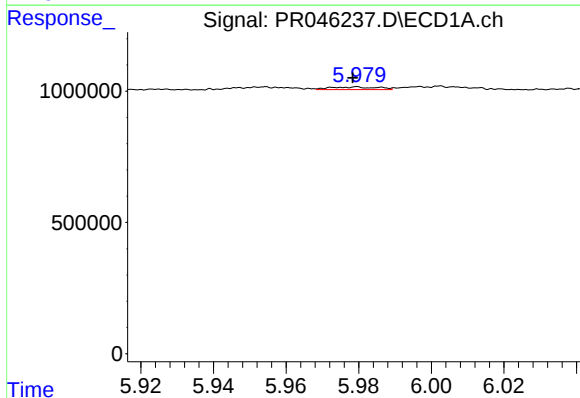
R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 103562
Conc: 1.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



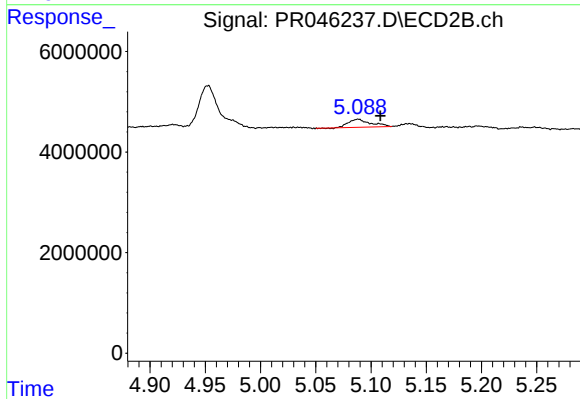
#3 AR-1016-1

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 2229728
Conc: 4.50 ng/ml



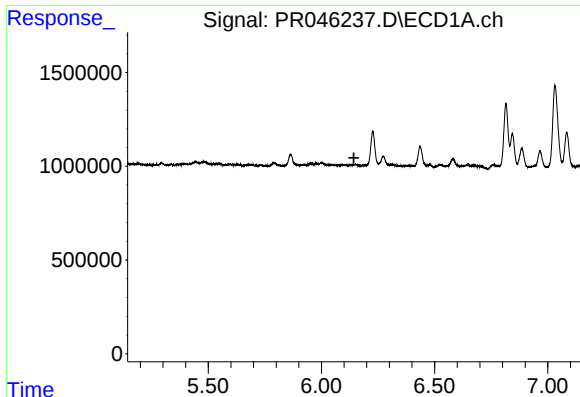
#4 AR-1016-2

R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 93919
Conc: 0.95 ng/ml



#4 AR-1016-2

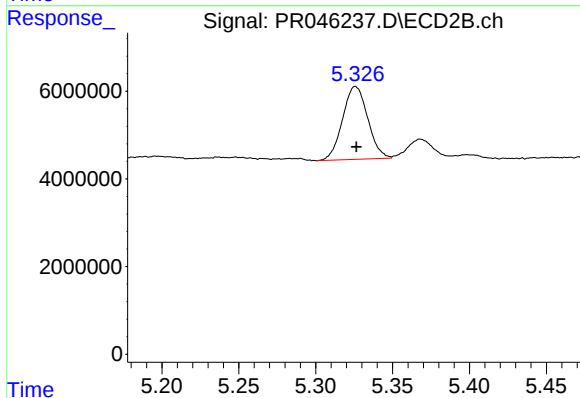
R.T.: 5.088 min
Delta R.T.: -0.020 min
Response: 2229728
Conc: 3.25 ng/ml



#6 AR-1016-4

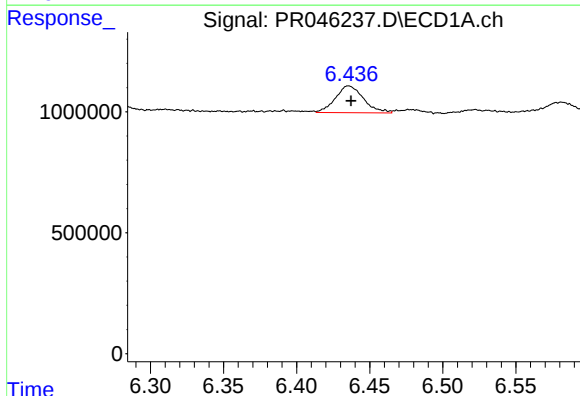
R.T.: 0.000 min
Exp R.T.: 6.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



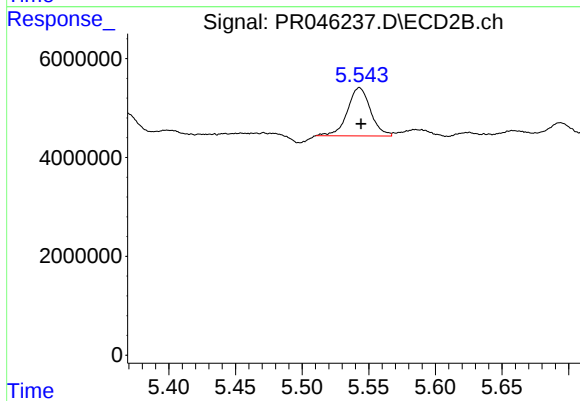
#6 AR-1016-4

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 18886397
Conc: 70.26 ng/ml



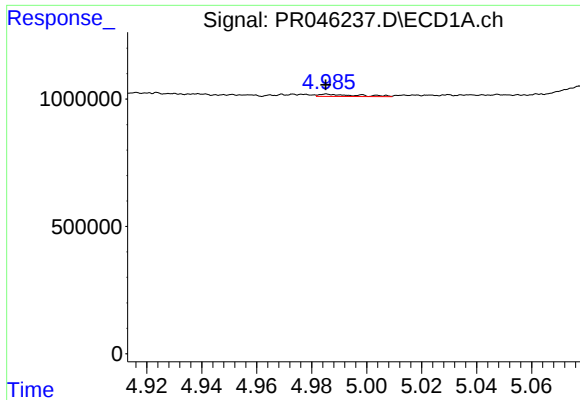
#7 AR-1016-5

R.T.: 6.436 min
Delta R.T.: -0.002 min
Response: 1480949
Conc: 30.11 ng/ml



#7 AR-1016-5

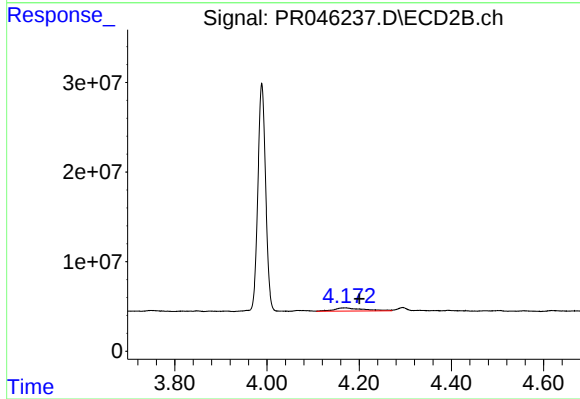
R.T.: 5.543 min
Delta R.T.: -0.001 min
Response: 11804020
Conc: 31.75 ng/ml



#8 AR-1221-1

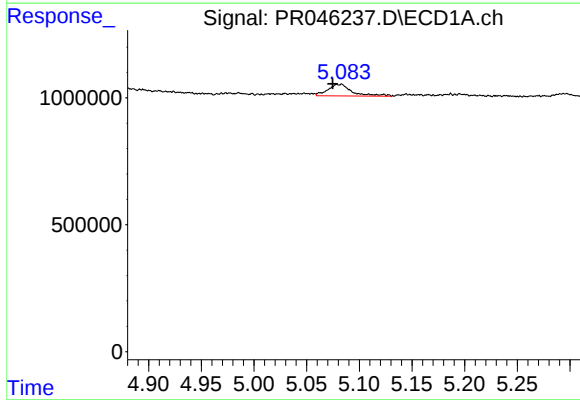
R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 83495
Conc: 4.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



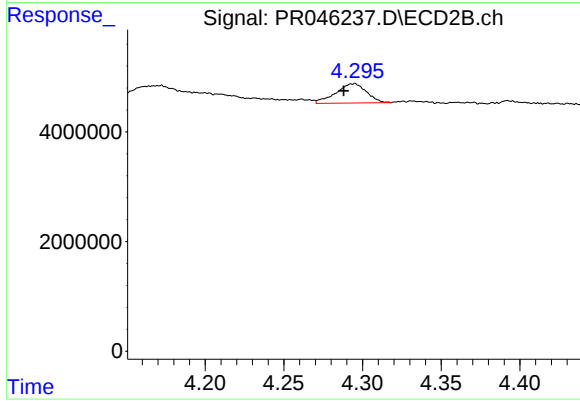
#8 AR-1221-1

R.T.: 4.171 min
Delta R.T.: -0.029 min
Response: 15478912
Conc: 108.13 ng/ml



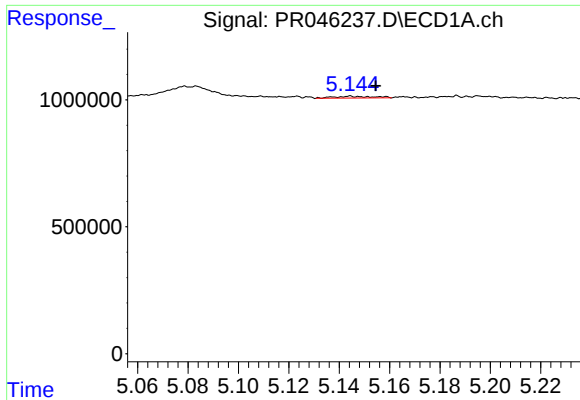
#9 AR-1221-2

R.T.: 5.083 min
Delta R.T.: 0.008 min
Response: 732174
Conc: 49.87 ng/ml



#9 AR-1221-2

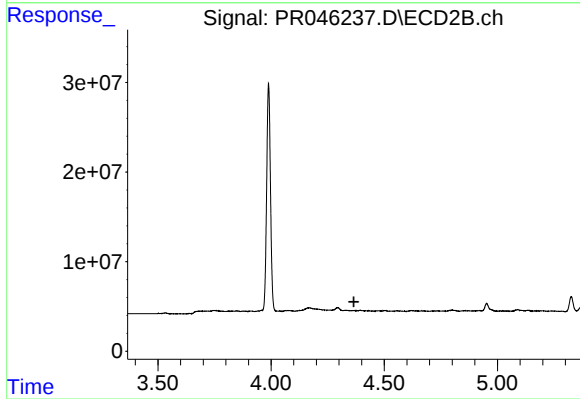
R.T.: 4.294 min
Delta R.T.: 0.006 min
Response: 4787127
Conc: 50.29 ng/ml



#10 AR-1221-3

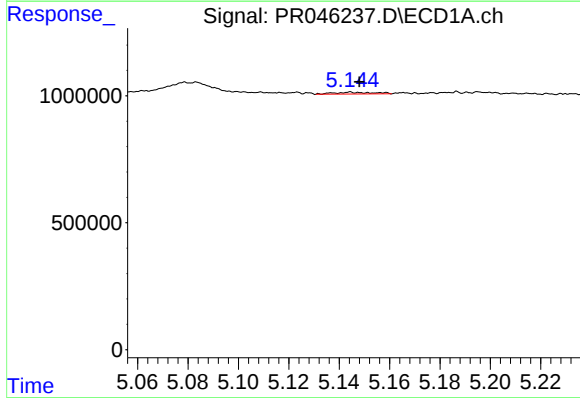
R.T.: 5.145 min
Delta R.T.: -0.010 min
Response: 73332
Conc: 1.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



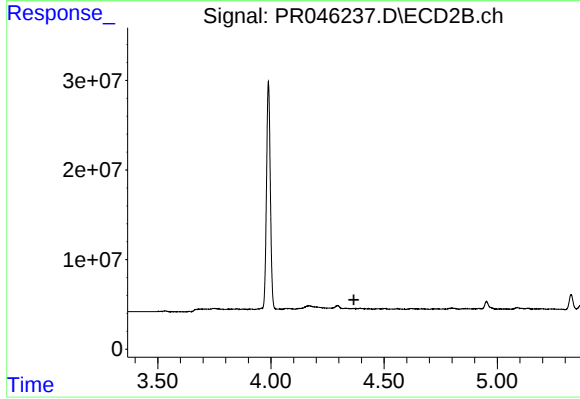
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.366 min
Response: 0
Conc: N.D.



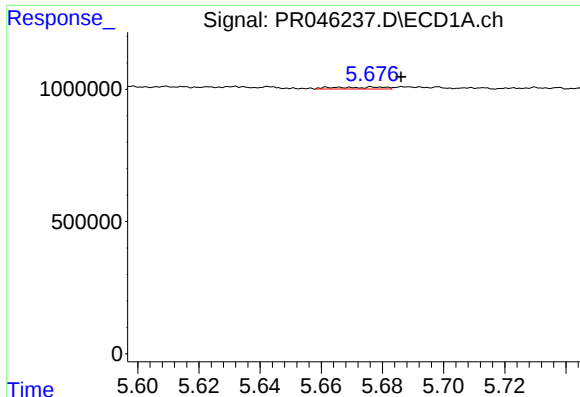
#11 AR-1232-1

R.T.: 5.145 min
Delta R.T.: -0.003 min
Response: 73332
Conc: 1.92 ng/ml



#11 AR-1232-1

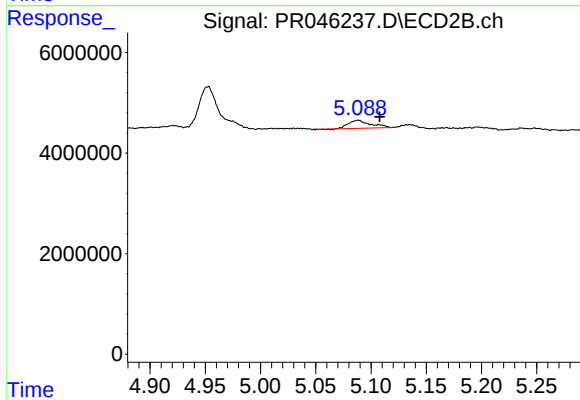
R.T.: 0.000 min
Exp R.T. : 4.366 min
Response: 0
Conc: N.D.



#12 AR-1232-2

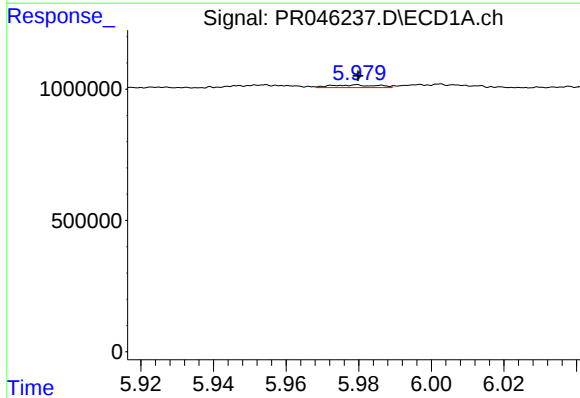
R.T.: 5.670 min
Delta R.T.: -0.017 min
Response: 84722
Conc: 4.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



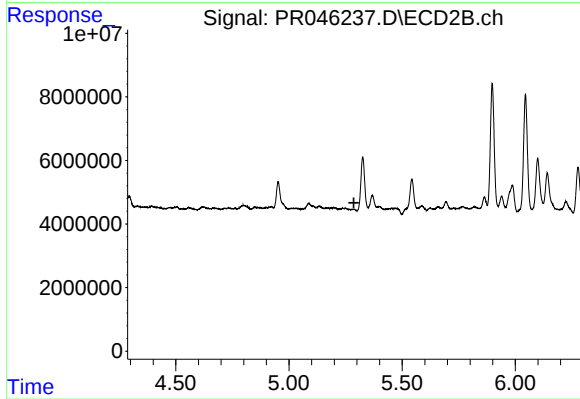
#12 AR-1232-2

R.T.: 5.088 min
Delta R.T.: -0.020 min
Response: 2229728
Conc: 7.95 ng/ml



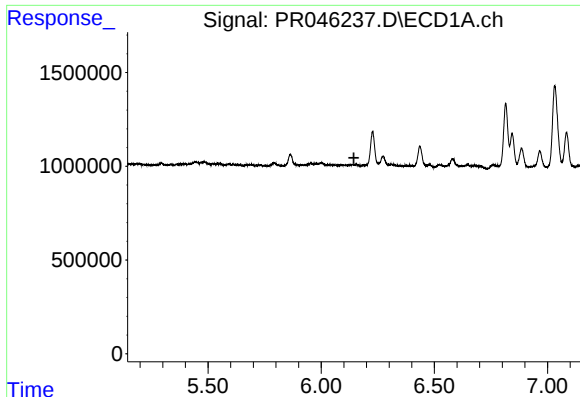
#13 AR-1232-3

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 93919
Conc: 2.36 ng/ml



#13 AR-1232-3

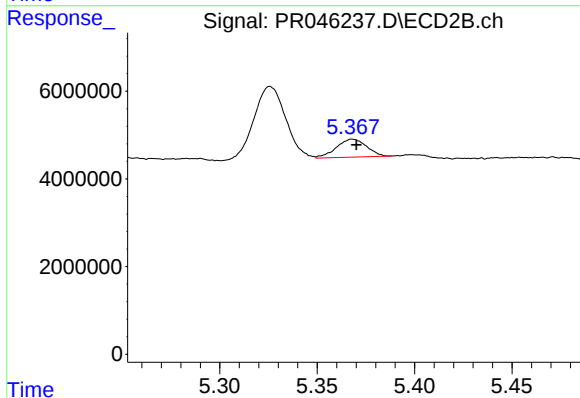
R.T.: 0.000 min
Exp R.T.: 5.287 min
Response: 0
Conc: N.D.



#14 AR-1232-4

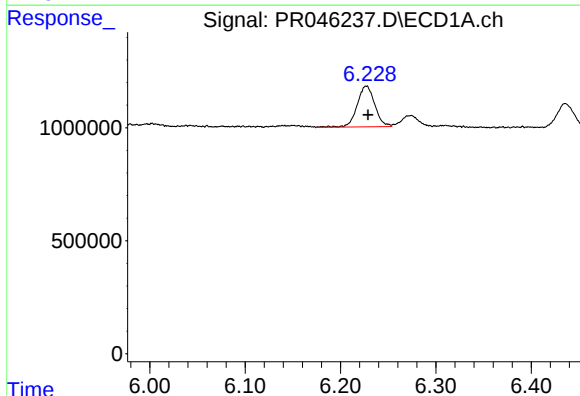
R.T.: 0.000 min
Exp R.T.: 6.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



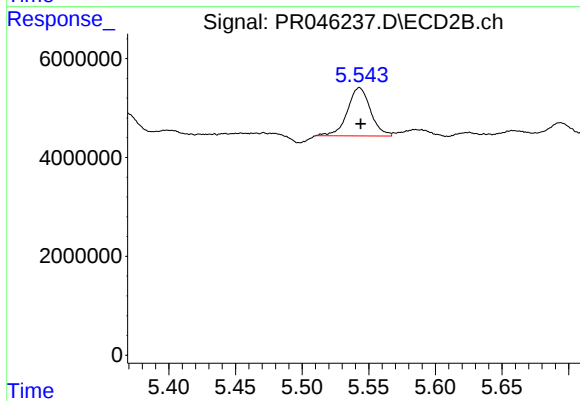
#14 AR-1232-4

R.T.: 5.368 min
Delta R.T.: -0.002 min
Response: 4383448
Conc: 35.45 ng/ml



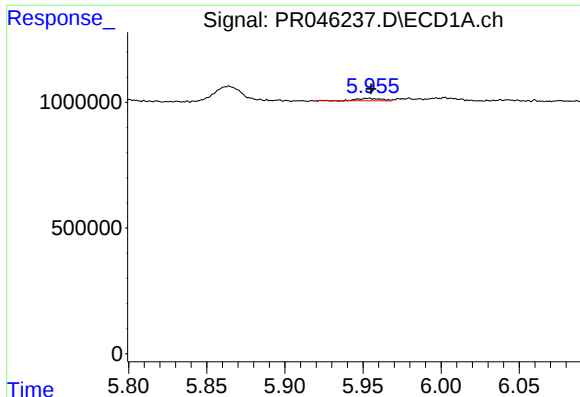
#15 AR-1232-5

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 2321219
Conc: 153.92 ng/ml



#15 AR-1232-5

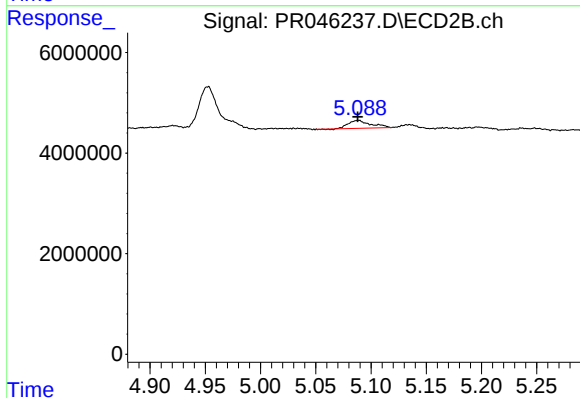
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 11804020
Conc: 85.96 ng/ml



#16 AR-1242-1

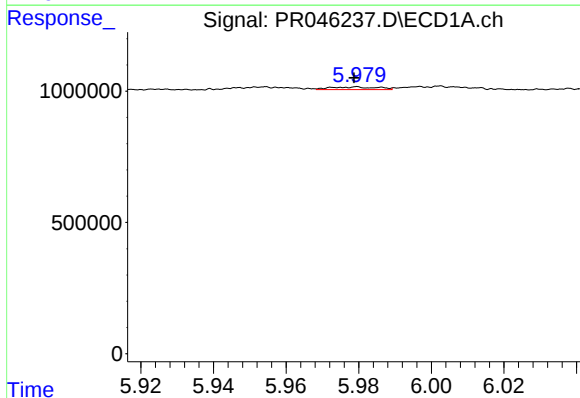
R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 103562
Conc: 1.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



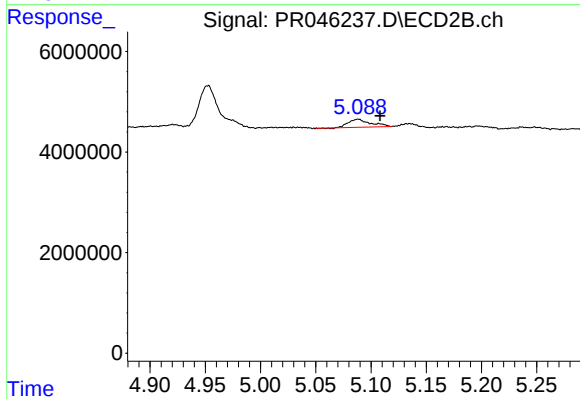
#16 AR-1242-1

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 2229728
Conc: 5.86 ng/ml



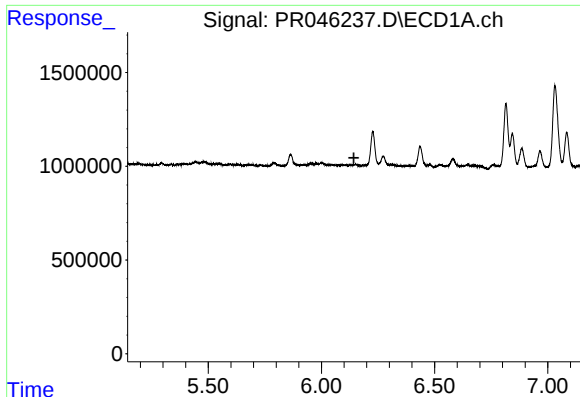
#17 AR-1242-2

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 93919
Conc: 1.24 ng/ml



#17 AR-1242-2

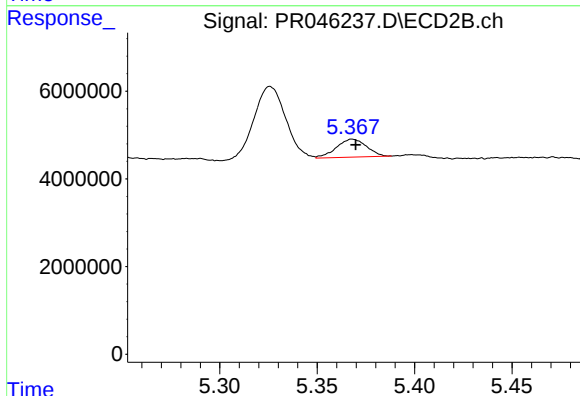
R.T.: 5.088 min
Delta R.T.: -0.020 min
Response: 2229728
Conc: 4.26 ng/ml



#19 AR-1242-4

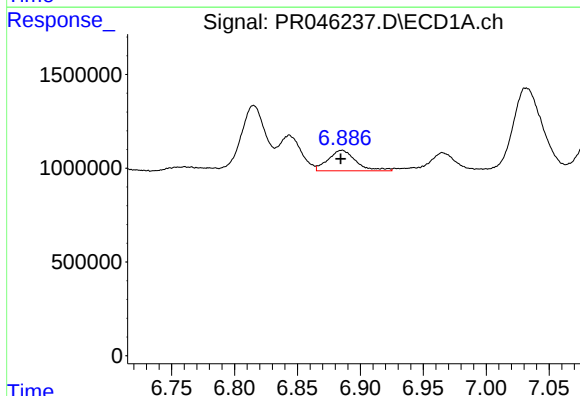
R.T.: 0.000 min
Exp R.T.: 6.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



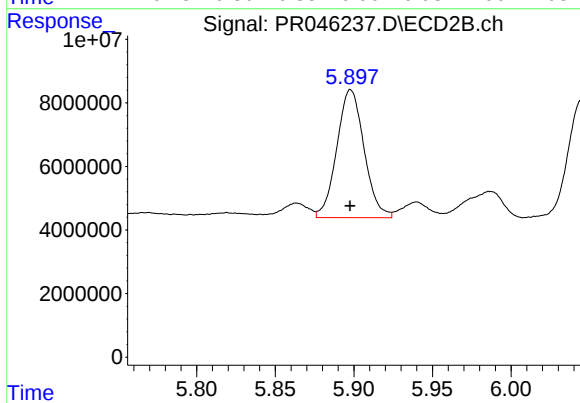
#19 AR-1242-4

R.T.: 5.368 min
Delta R.T.: -0.002 min
Response: 4383448
Conc: 16.85 ng/ml



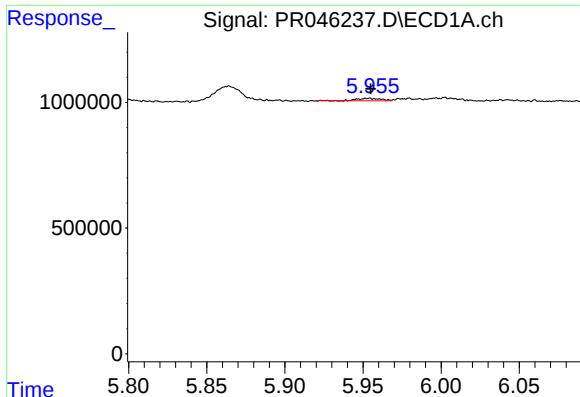
#20 AR-1242-5

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 1682839
Conc: 38.03 ng/ml



#20 AR-1242-5

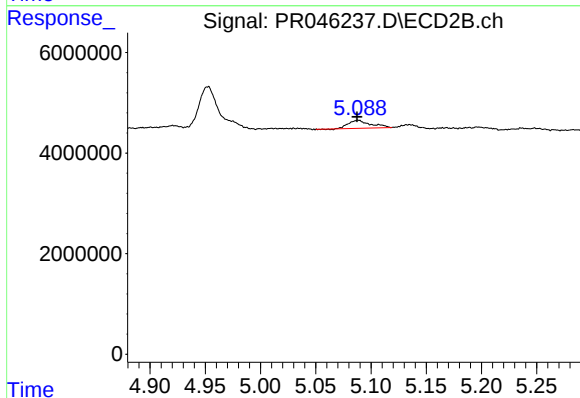
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 48609020
Conc: 131.68 ng/ml



#21 AR-1248-1

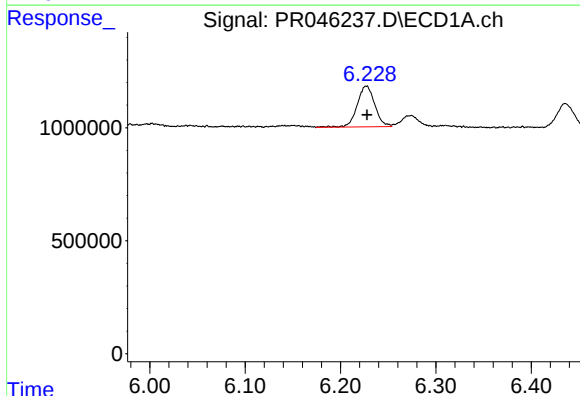
R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 103562
Conc: 2.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



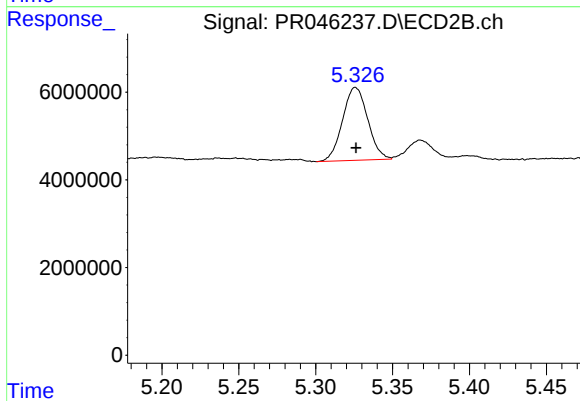
#21 AR-1248-1

R.T.: 5.088 min
Delta R.T.: 0.001 min
Response: 2229728
Conc: 7.73 ng/ml



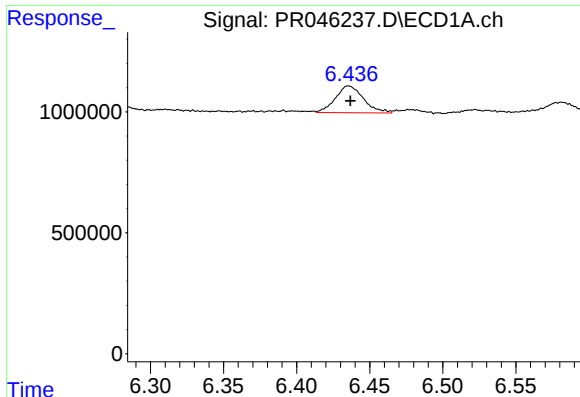
#22 AR-1248-2

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 2321219
Conc: 42.55 ng/ml



#22 AR-1248-2

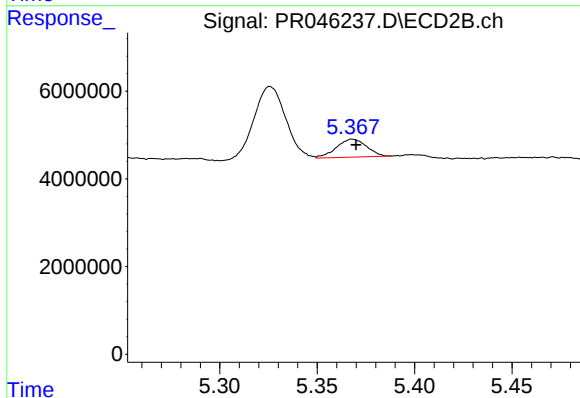
R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 18886397
Conc: 53.52 ng/ml



#23 AR-1248-3

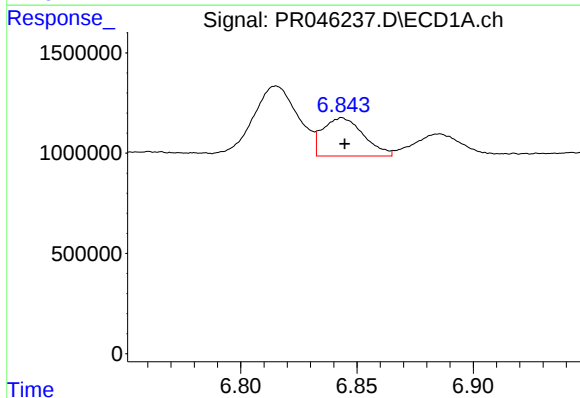
R.T.: 6.436 min
Delta R.T.: -0.001 min
Response: 1480949
Conc: 23.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



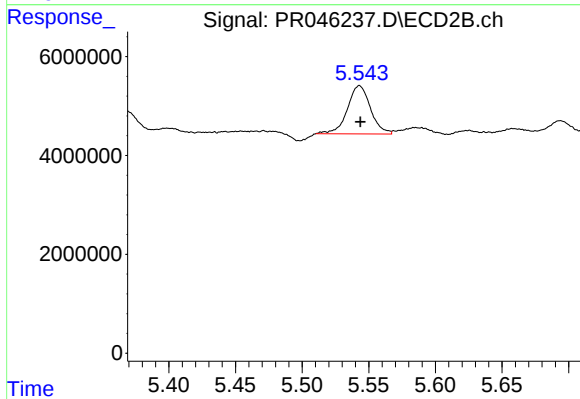
#23 AR-1248-3

R.T.: 5.368 min
Delta R.T.: -0.002 min
Response: 4383448
Conc: 11.71 ng/ml



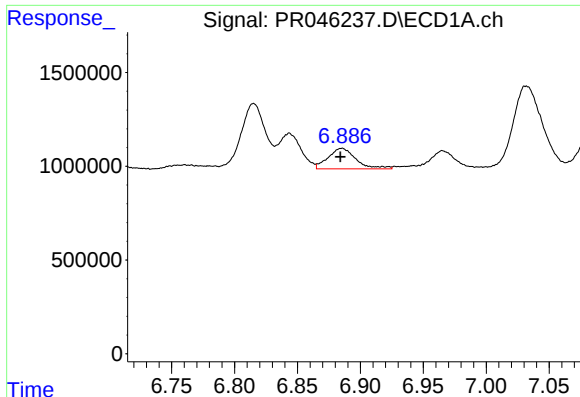
#24 AR-1248-4

R.T.: 6.844 min
Delta R.T.: -0.001 min
Response: 2320921
Conc: 31.50 ng/ml



#24 AR-1248-4

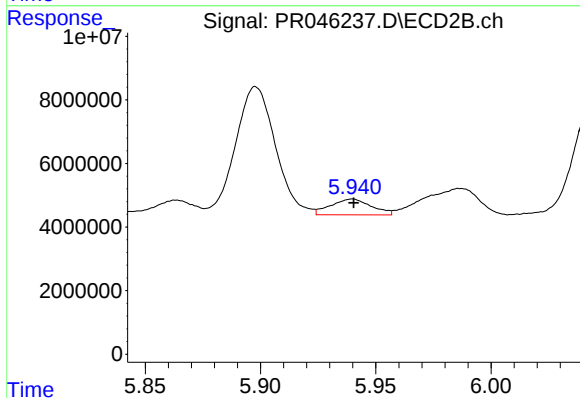
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 11804020
Conc: 25.14 ng/ml



#25 AR-1248-5

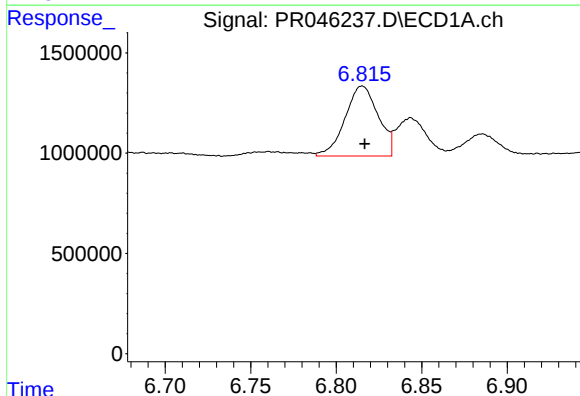
R.T.: 6.885 min
Delta R.T.: 0.001 min
Response: 1682839
Conc: 23.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



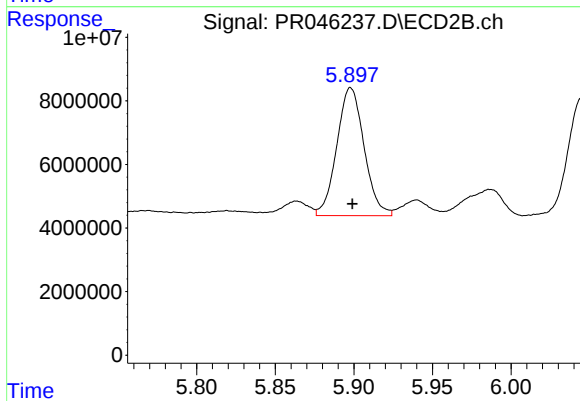
#25 AR-1248-5

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 6085128
Conc: 12.57 ng/ml



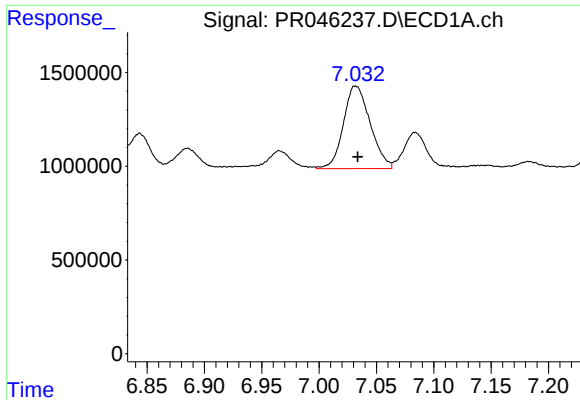
#26 AR-1254-1

R.T.: 6.815 min
Delta R.T.: -0.001 min
Response: 4712843
Conc: 61.04 ng/ml



#26 AR-1254-1

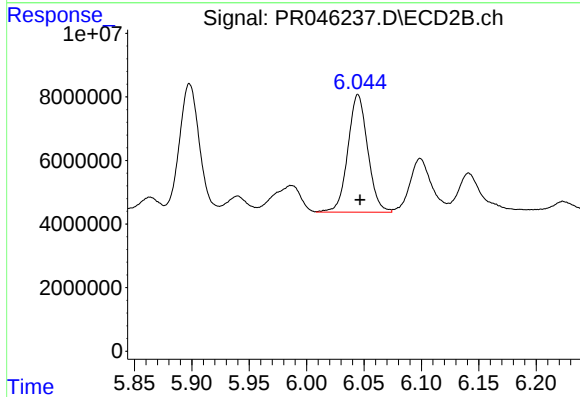
R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 48609020
Conc: 61.72 ng/ml



#27 AR-1254-2

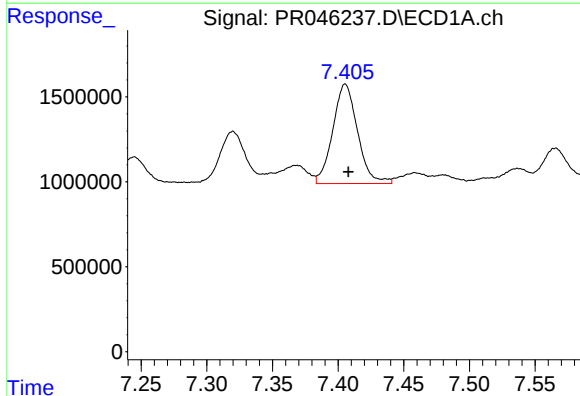
R.T.: 7.032 min
Delta R.T.: -0.002 min
Response: 7174041
Conc: 58.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



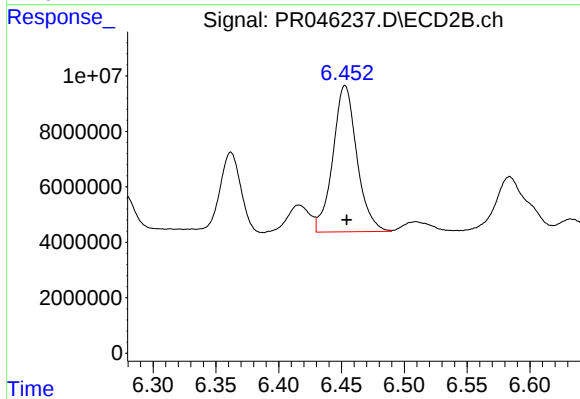
#27 AR-1254-2

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 44543874
Conc: 64.78 ng/ml



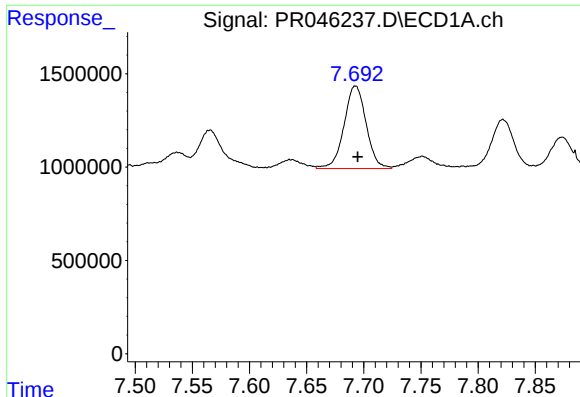
#28 AR-1254-3

R.T.: 7.405 min
Delta R.T.: -0.002 min
Response: 7682873
Conc: 57.29 ng/ml



#28 AR-1254-3

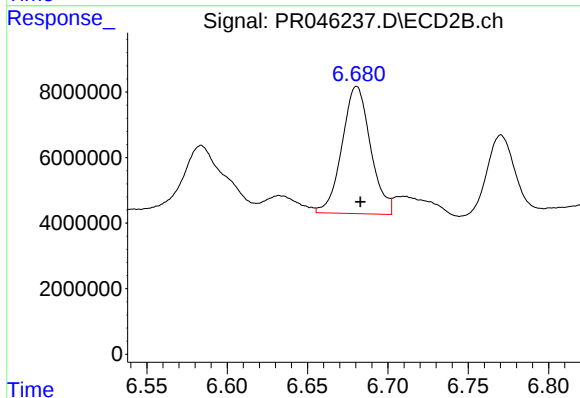
R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 70219288
Conc: 59.15 ng/ml



#29 AR-1254-4

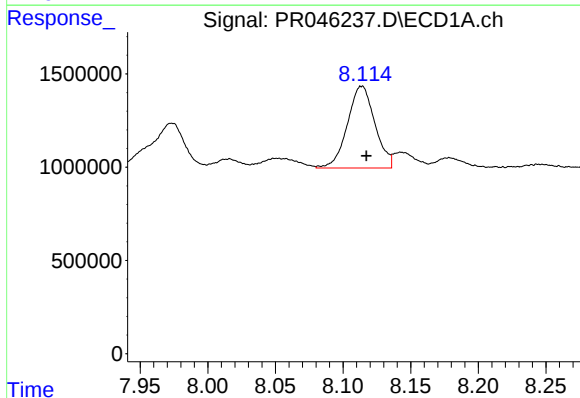
R.T.: 7.693 min
Delta R.T.: -0.002 min
Response: 5953178
Conc: 57.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



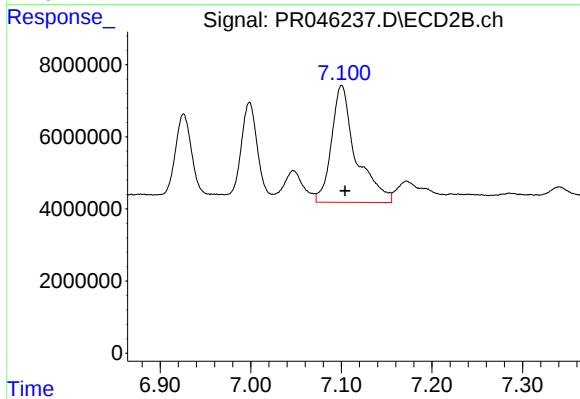
#29 AR-1254-4

R.T.: 6.681 min
Delta R.T.: -0.002 min
Response: 47992737
Conc: 62.28 ng/ml



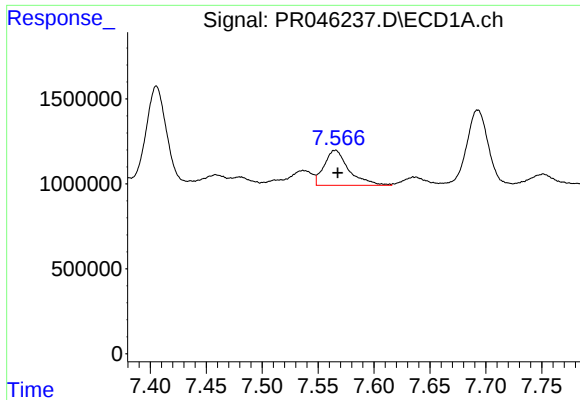
#30 AR-1254-5

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 6207204
Conc: 55.82 ng/ml



#30 AR-1254-5

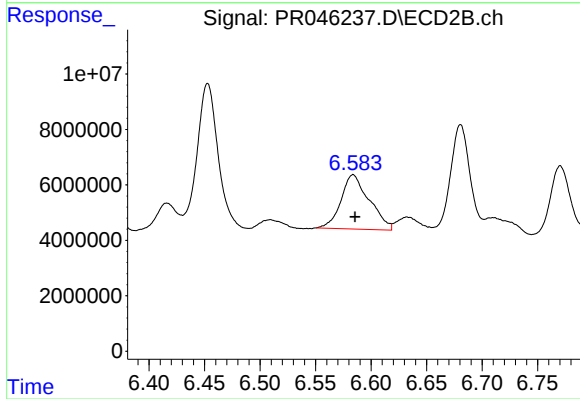
R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 60910709
Conc: 57.97 ng/ml



#31 AR-1260-1

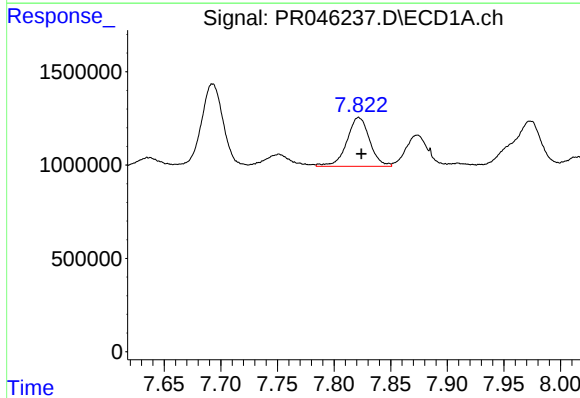
R.T.: 7.565 min
Delta R.T.: -0.002 min
Response: 3179805
Conc: 34.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



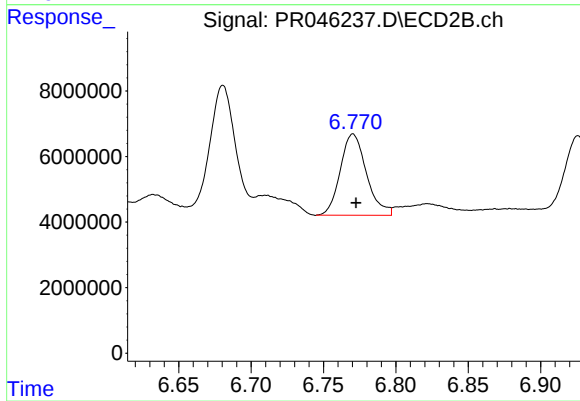
#31 AR-1260-1

R.T.: 6.584 min
Delta R.T.: -0.002 min
Response: 34790036
Conc: 48.21 ng/ml



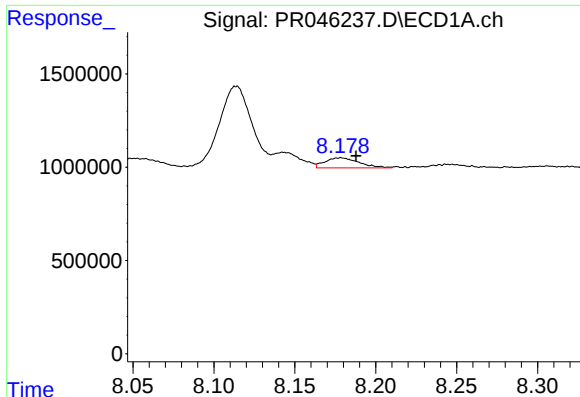
#32 AR-1260-2

R.T.: 7.822 min
Delta R.T.: -0.003 min
Response: 3671463
Conc: 31.97 ng/ml



#32 AR-1260-2

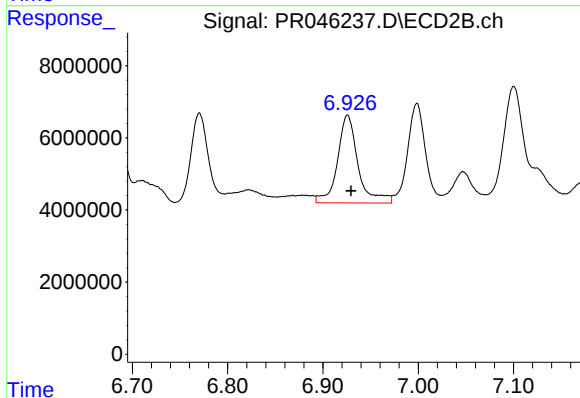
R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 31182969
Conc: 35.26 ng/ml



#33 AR-1260-3

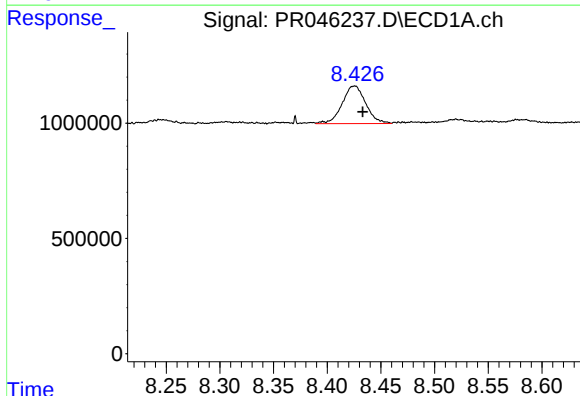
R.T.: 8.178 min
Delta R.T.: -0.010 min
Response: 797515
Conc: 8.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



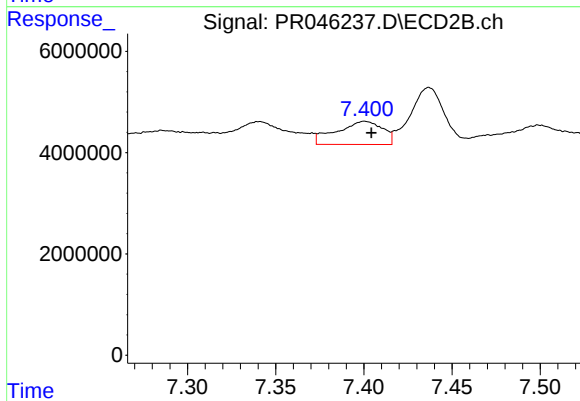
#33 AR-1260-3

R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 36528627
Conc: 44.37 ng/ml



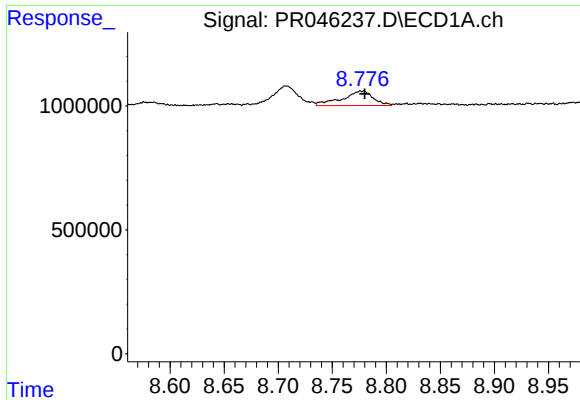
#34 AR-1260-4

R.T.: 8.426 min
Delta R.T.: -0.008 min
Response: 2492485
Conc: 23.94 ng/ml



#34 AR-1260-4

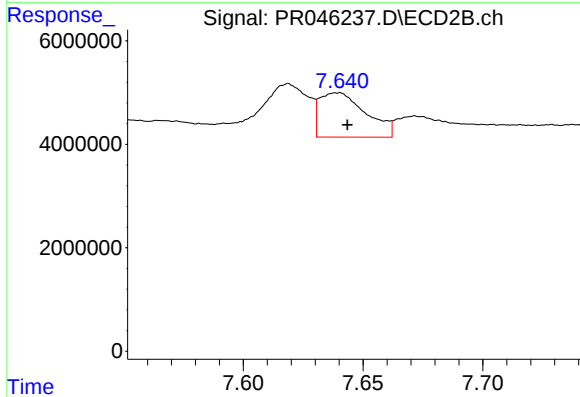
R.T.: 7.401 min
Delta R.T.: -0.004 min
Response: 8339008
Conc: 11.67 ng/ml



#35 AR-1260-5

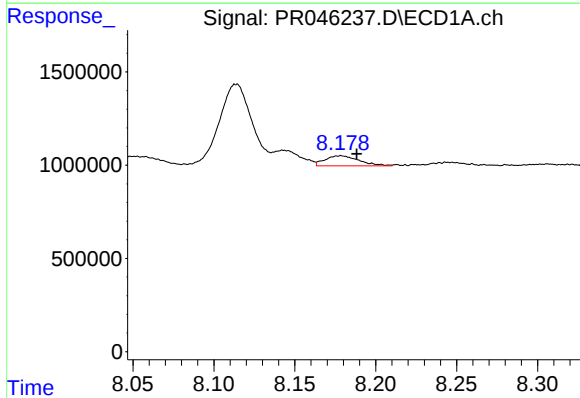
R.T.: 8.778 min
Delta R.T.: -0.002 min
Response: 1181420
Conc: 5.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



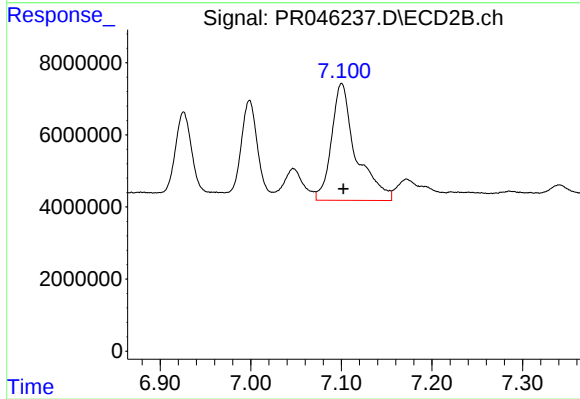
#35 AR-1260-5

R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 11568655
Conc: 6.25 ng/ml



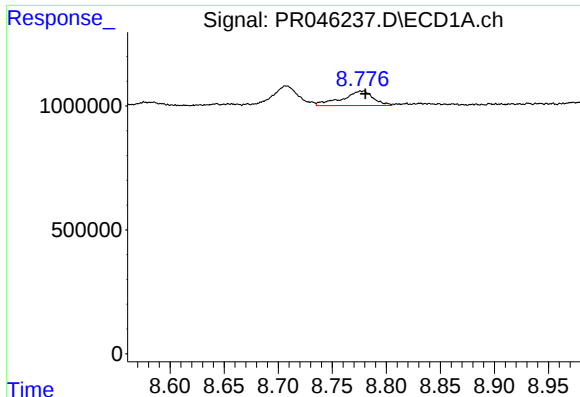
#36 AR-1262-1

R.T.: 8.178 min
Delta R.T.: -0.010 min
Response: 797515
Conc: 6.55 ng/ml



#36 AR-1262-1

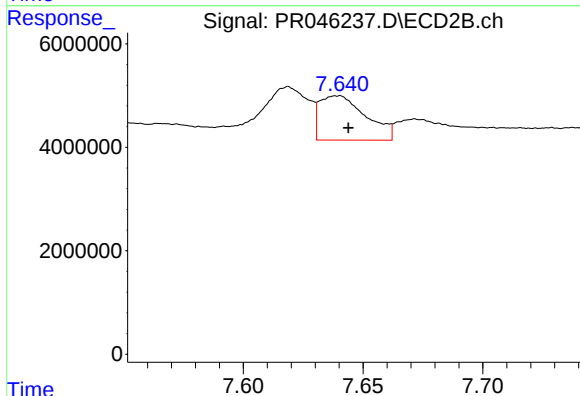
R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 60910709
Conc: 124.36 ng/ml



#37 AR-1262-2

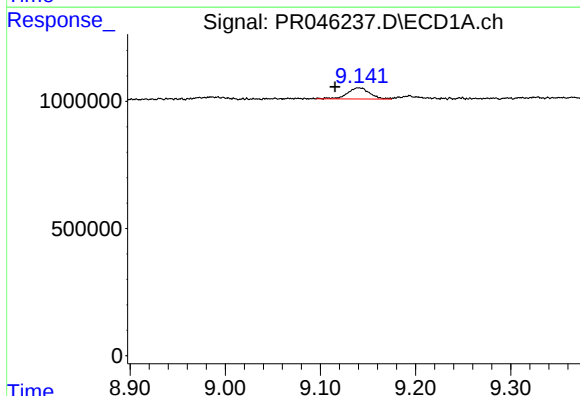
R.T.: 8.778 min
Delta R.T.: -0.002 min
Response: 1181420
Conc: 5.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



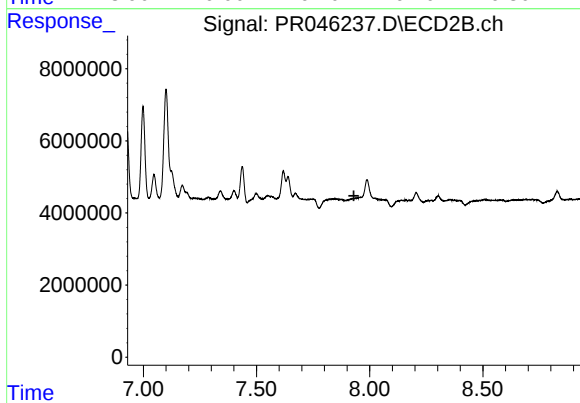
#37 AR-1262-2

R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 11568655
Conc: 5.95 ng/ml



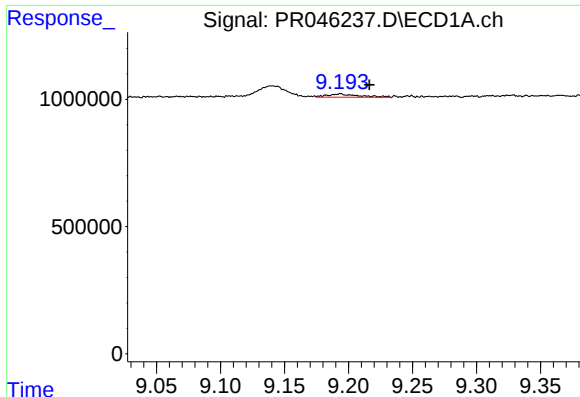
#38 AR-1262-3

R.T.: 9.140 min
Delta R.T.: 0.025 min
Response: 725270
Conc: 7.43 ng/ml



#38 AR-1262-3

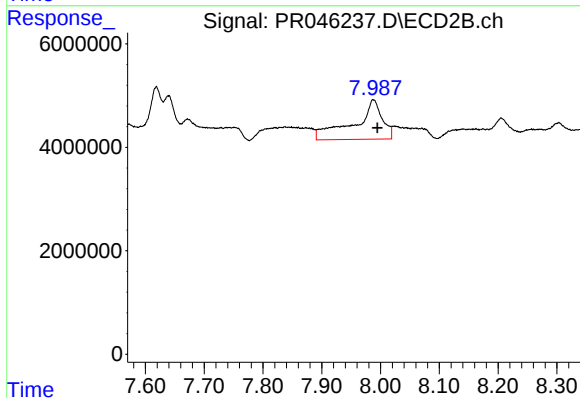
R.T.: 0.000 min
Exp R.T.: 7.930 min
Response: 0
Conc: N.D.



#39 AR-1262-4

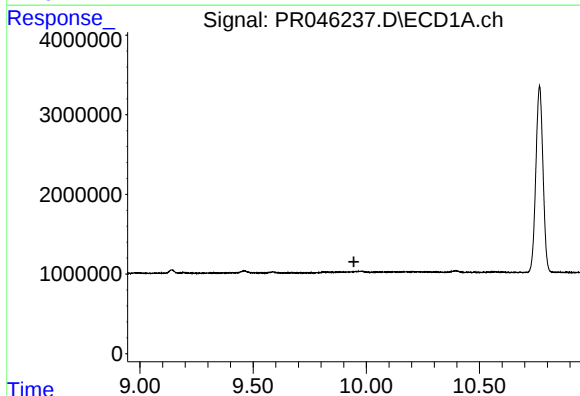
R.T.: 9.194 min
Delta R.T.: -0.023 min
Response: 223787
Conc: 1.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



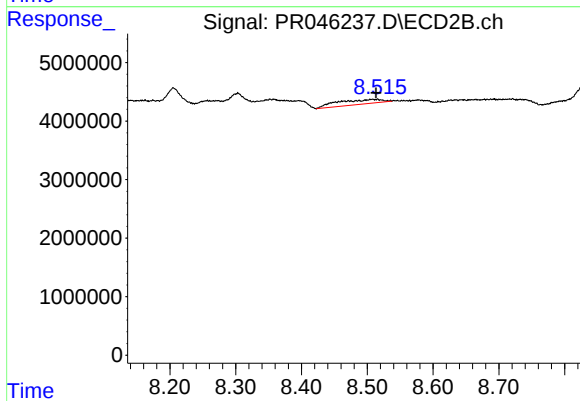
#39 AR-1262-4

R.T.: 7.988 min
Delta R.T.: -0.007 min
Response: 25754866
Conc: 18.16 ng/ml



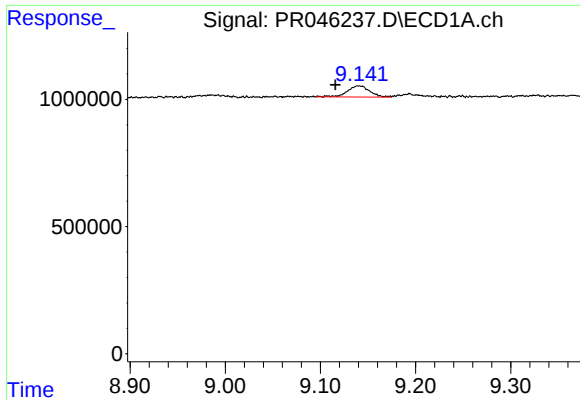
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.945 min
Response: 0
Conc: N.D.



#40 AR-1262-5

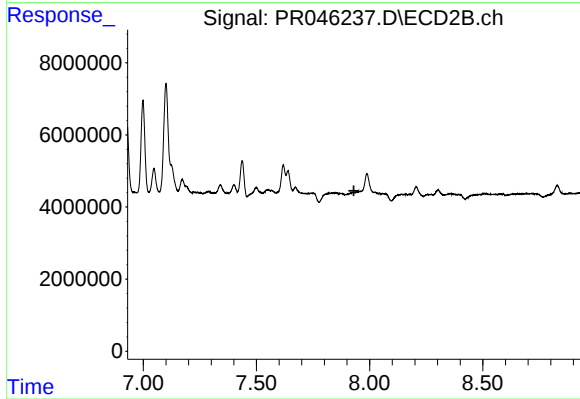
R.T.: 8.516 min
Delta R.T.: 0.002 min
Response: 3711890
Conc: 5.47 ng/ml



#41 AR-1268-1

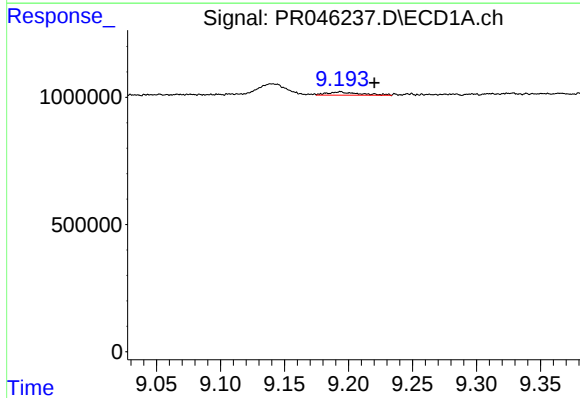
R.T.: 9.140 min
Delta R.T.: 0.025 min
Response: 725270
Conc: 2.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



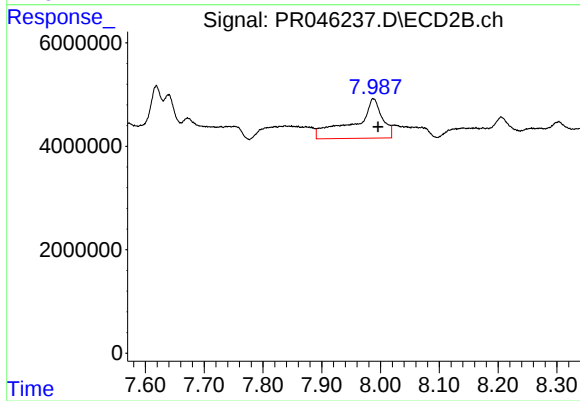
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.931 min
Response: 0
Conc: N.D.



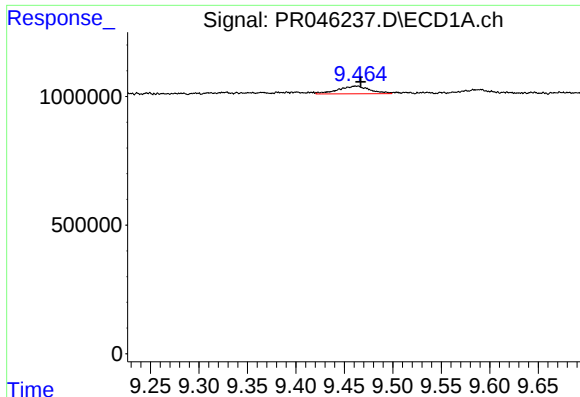
#42 AR-1268-2

R.T.: 9.194 min
Delta R.T.: -0.026 min
Response: 223787
Conc: 0.81 ng/ml



#42 AR-1268-2

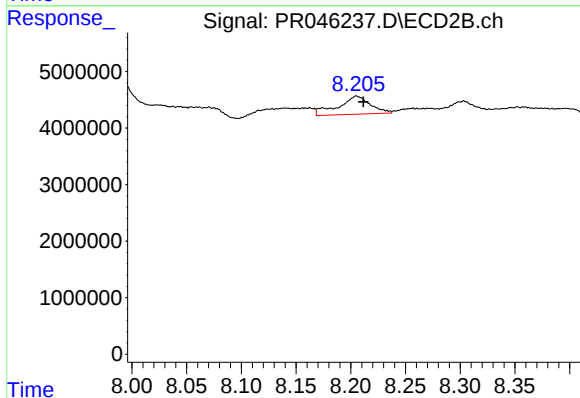
R.T.: 7.988 min
Delta R.T.: -0.008 min
Response: 25754866
Conc: 10.73 ng/ml



#43 AR-1268-3

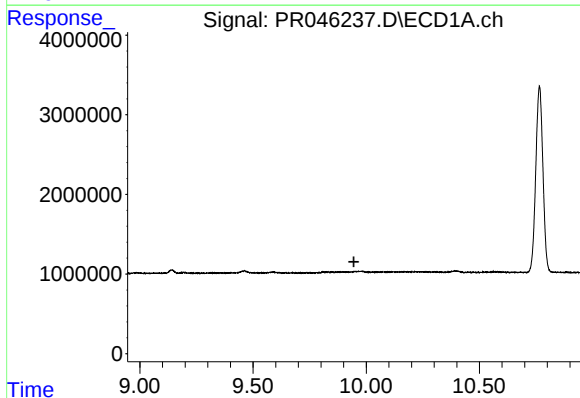
R.T.: 9.463 min
Delta R.T.: -0.004 min
Response: 673425
Conc: 2.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



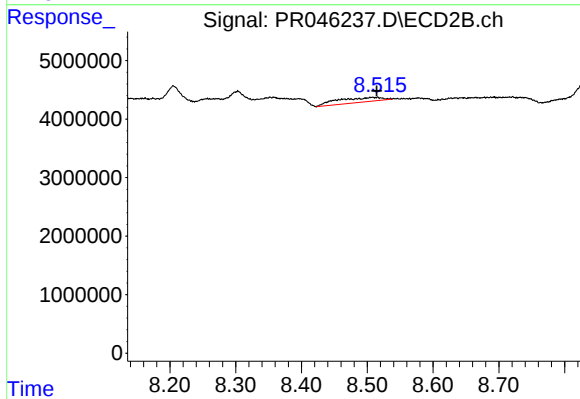
#43 AR-1268-3

R.T.: 8.205 min
Delta R.T.: -0.006 min
Response: 6544152
Conc: 3.26 ng/ml



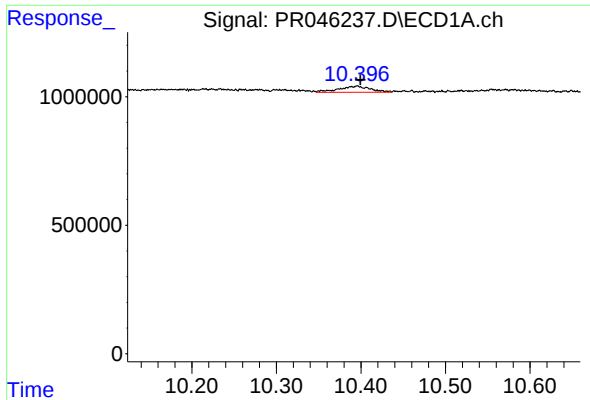
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.945 min
Response: 0
Conc: N.D.



#44 AR-1268-4

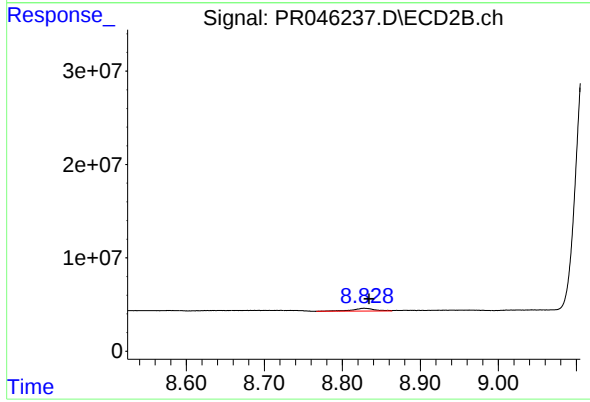
R.T.: 8.516 min
Delta R.T.: 0.001 min
Response: 3711890
Conc: 4.26 ng/ml



#45 AR-1268-5

R.T.: 10.395 min
Delta R.T.: -0.004 min
Response: 625691
Conc: 0.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.828 min
Delta R.T.: -0.006 min
Response: 6227668
Conc: 0.98 ng/ml