

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 22:11
 Operator : AJ\MA
 Sample : 02213-01
 Misc : AR1221 LOD 40 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: Apr 08 02:00:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.687	2.900	59025297	74855853	19.334	17.589
2)	SA Decachlor...	9.659	8.128	59265905	82726686	20.892	19.029
Target Compounds							
3)	L1 AR-1016-1	4.921	4.009	613886	502516	5.545	3.398 #
4)	L1 AR-1016-2	4.942	4.027	726149	764870	4.666	3.606
5)	L1 AR-1016-3	5.011	4.204	727473	370417	7.456	3.361 #
6)	L1 AR-1016-4	5.112	4.260	321829	173097	4.136	2.025 #
7)	L1 AR-1016-5	5.426	4.466	90246	252608	1.135	2.212 #
8)	L2 AR-1221-1	3.911	3.124	1816533	1812700	45.852	38.167
9)	L2 AR-1221-2	4.001	3.206	1810485	2003452	62.355	56.476
10)	L2 AR-1221-3	4.079	3.285	3939657	3947159	44.065	34.880
11)	L3 AR-1232-1	4.079	3.285	3939657	3947159	52.922	42.310
12)	L3 AR-1232-2	4.634	4.027	418880	764870	11.523	8.364 #
13)	L3 AR-1232-3	4.942	4.204	726149	370417	10.306	7.996
14)	L3 AR-1232-4	5.112	4.288	321829	206061	9.330	5.047 #
15)	L3 AR-1232-5	5.218	4.466	295855	252608	11.289	5.376 #
16)	L4 AR-1242-1	4.921	4.009	613886	502516	6.957	4.327 #
17)	L4 AR-1242-2	4.942	4.027	726149	764870	5.853	4.587
18)	L4 AR-1242-3	5.011	4.204	727473	370417	9.311	4.317 #
19)	L4 AR-1242-4	5.112	4.288	321829	206061	5.139	2.548 #
20)	L4 AR-1242-5	5.901	4.842	624172	181263	9.015	1.683 #
21)	L5 AR-1248-1	4.921	4.009	613886	502516	9.238	5.844 #
22)	L5 AR-1248-2	5.218	4.260	295855	173097	3.332	1.440 #
23)	L5 AR-1248-3	5.426	4.288	90246	206061	0.857	1.690 #
24)	L5 AR-1248-4	5.842f	4.466	361587	252608	3.007	1.674 #
25)	L5 AR-1248-5	5.901	4.875	624172	154356	5.273	1.004 #
26)	L6 AR-1254-1	5.842	4.842	361587	181263	3.002	0.750 #
27)	L6 AR-1254-2	6.093	0.000	983501	0	5.159	N.D. #
28)	L6 AR-1254-3	6.470	0.000	641394	0	3.126	N.D. #
29)	L6 AR-1254-4	6.813f	5.680f	983160	184109	6.315	0.835 #
30)	L6 AR-1254-5	7.218f	6.107	107774	365700	0.641	1.141 #
31)	L7 AR-1260-1	0.000	5.548	0	19752	N.D.	0.081 #
32)	L7 AR-1260-2	6.923f	5.776f	443346	718088	2.298	2.311
33)	L7 AR-1260-3	0.000	5.927	0	747831	N.D.	2.664 #
34)	L7 AR-1260-4	7.560f	6.409	344085	1579150	2.105	6.560 #
35)	L7 AR-1260-5	0.000	6.697	0	491763	N.D.	0.845 #
36)	L8 AR-1262-1	0.000	6.146	0	232411	N.D.	0.737 #
37)	L8 AR-1262-2	0.000	6.409	0	1579150	N.D.	5.480 #
38)	L8 AR-1262-3	8.227	0.000	188612	0	0.819	N.D. #
39)	L8 AR-1262-4	8.303	0.000	274854	0	1.562	N.D. #
40)	L8 AR-1262-5	8.934f	0.000	694026	0	5.540	N.D. #
41)	L9 AR-1268-1	8.227	0.000	188612	0	0.456	N.D. #

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 Operator : AJ\MA
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 Misc : AR1221 LOD 40 PPB
 ALS Vial : 35 Sample Multiplier: 1

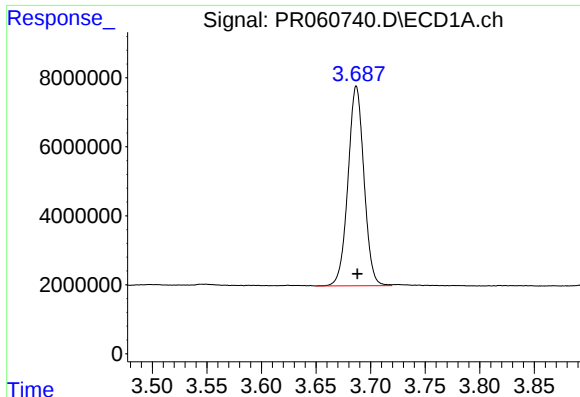
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:00:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.303	0.000	274854	0	0.731	N.D. #
43) L9	AR-1268-3	0.000	7.280	0	1624193	N.D.	2.858 #
44) L9	AR-1268-4	8.934f	0.000	694026	0	4.830	N.D. #
45) L9	AR-1268-5	9.336	7.887	404429	1064713	0.383	0.566 #

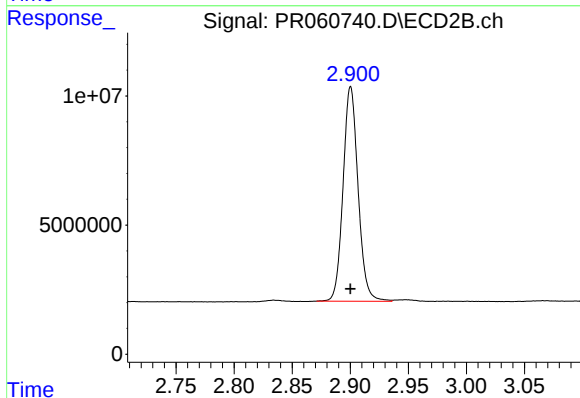
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

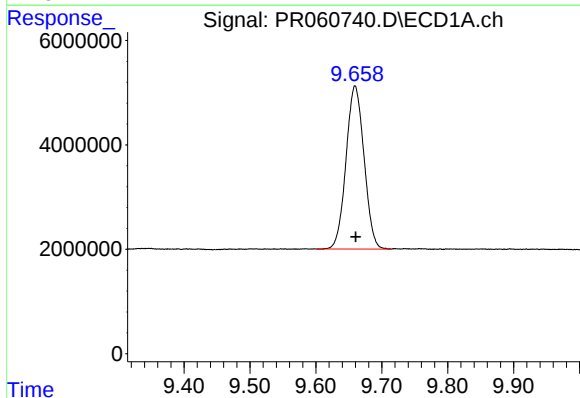
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 59025297
Conc: 19.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



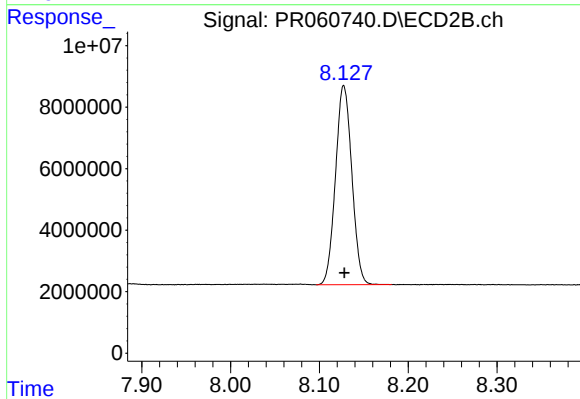
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 74855853
Conc: 17.59 ng/ml



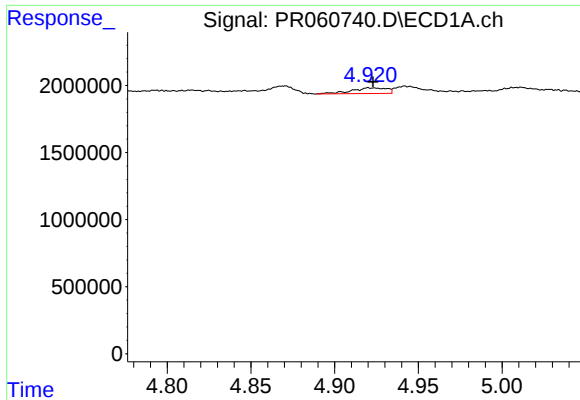
#2 Decachlorobiphenyl

R.T.: 9.659 min
Delta R.T.: -0.001 min
Response: 59265905
Conc: 20.89 ng/ml



#2 Decachlorobiphenyl

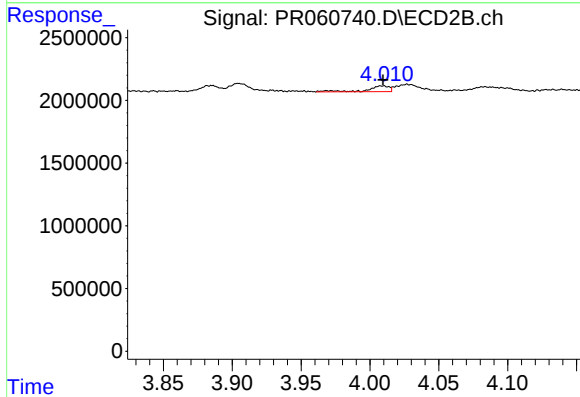
R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 82726686
Conc: 19.03 ng/ml



#3 AR-1016-1

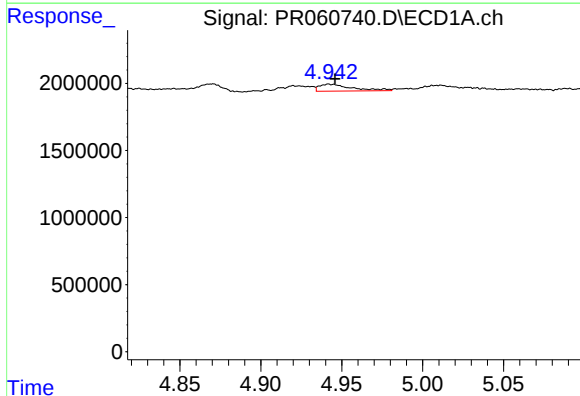
R.T.: 4.921 min
Delta R.T.: -0.003 min
Response: 613886
Conc: 5.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



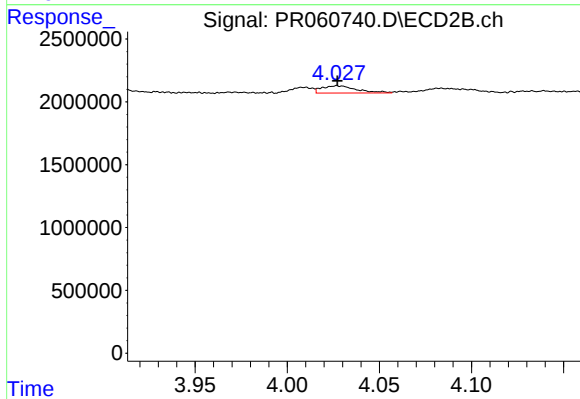
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 502516
Conc: 3.40 ng/ml



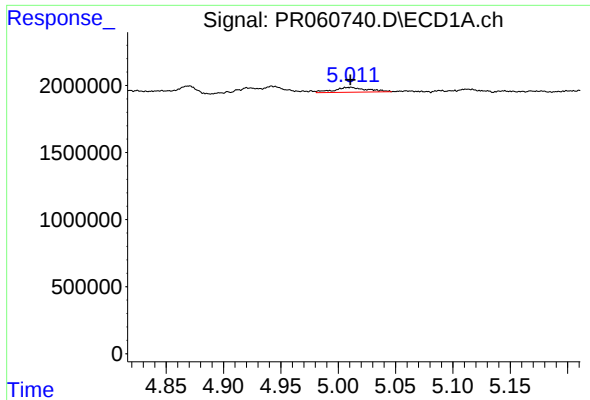
#4 AR-1016-2

R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 726149
Conc: 4.67 ng/ml



#4 AR-1016-2

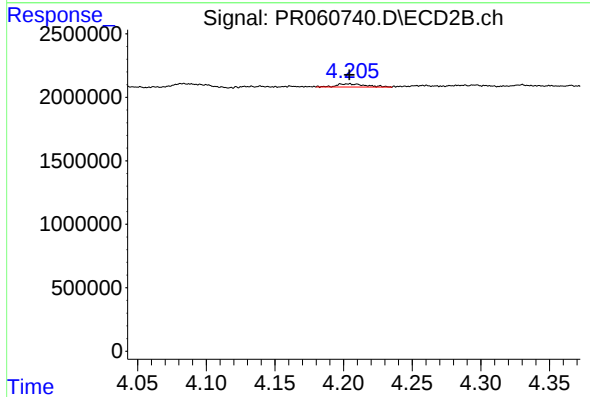
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 764870
Conc: 3.61 ng/ml



#5 AR-1016-3

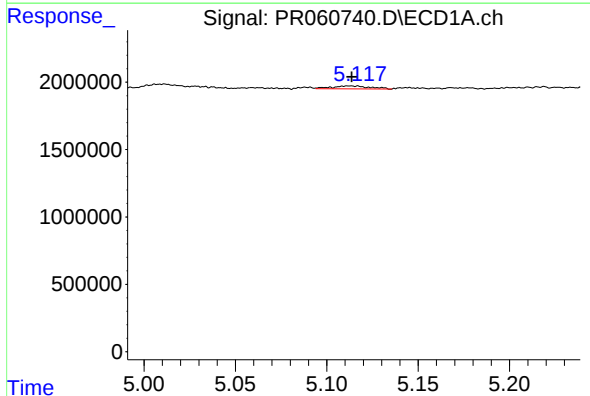
R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 727473
Conc: 7.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



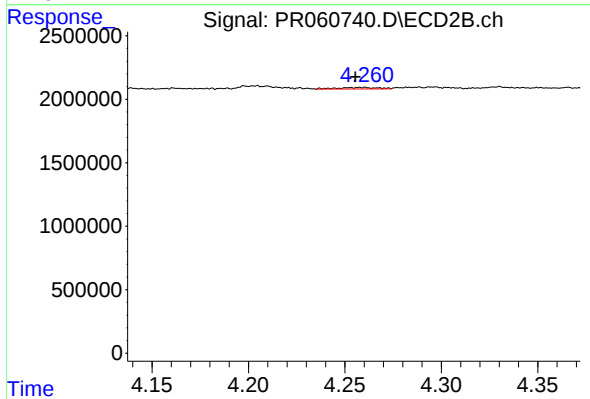
#5 AR-1016-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 370417
Conc: 3.36 ng/ml



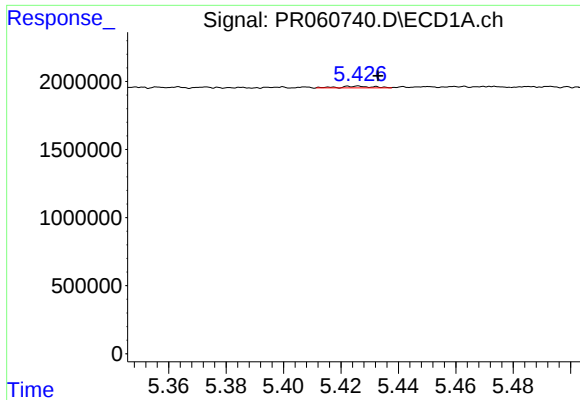
#6 AR-1016-4

R.T.: 5.112 min
Delta R.T.: -0.001 min
Response: 321829
Conc: 4.14 ng/ml



#6 AR-1016-4

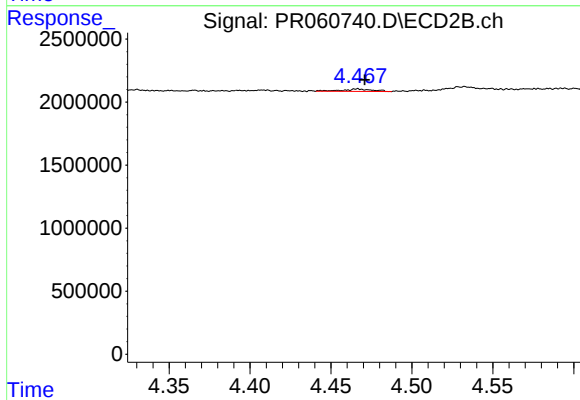
R.T.: 4.260 min
Delta R.T.: 0.004 min
Response: 173097
Conc: 2.02 ng/ml



#7 AR-1016-5

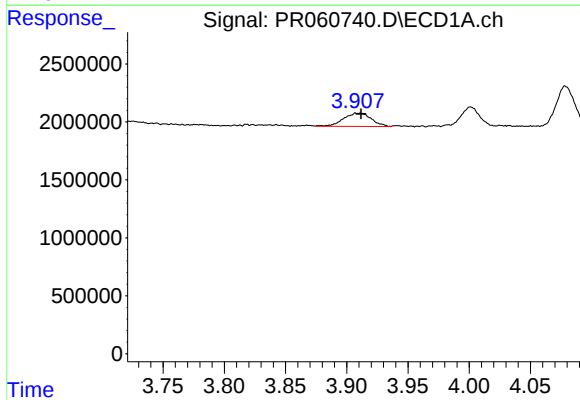
R.T.: 5.426 min
Delta R.T.: -0.007 min
Response: 90246
Conc: 1.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



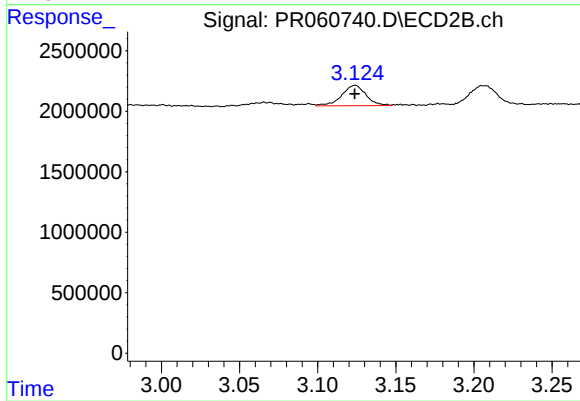
#7 AR-1016-5

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 252608
Conc: 2.21 ng/ml



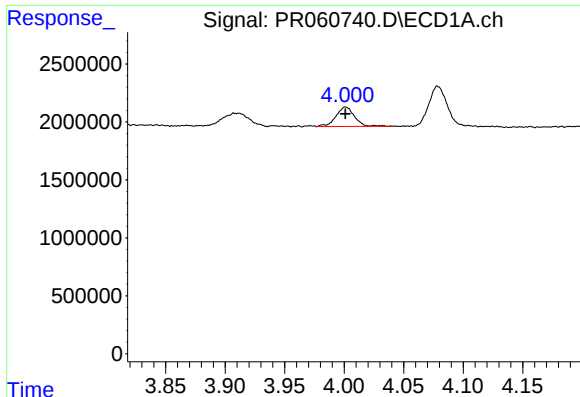
#8 AR-1221-1

R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 1816533
Conc: 45.85 ng/ml



#8 AR-1221-1

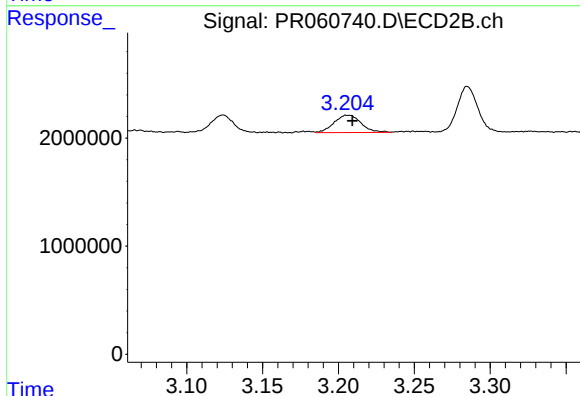
R.T.: 3.124 min
Delta R.T.: 0.000 min
Response: 1812700
Conc: 38.17 ng/ml



#9 AR-1221-2

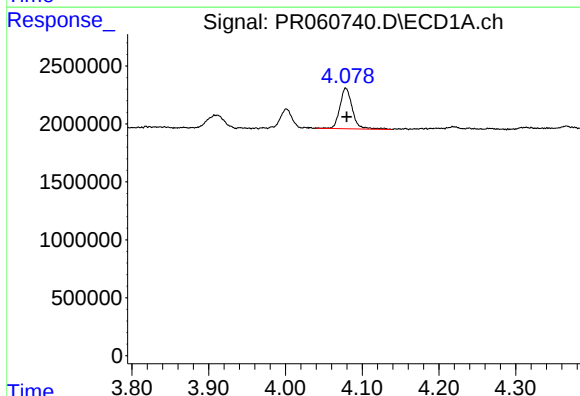
R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 1810485
Conc: 62.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



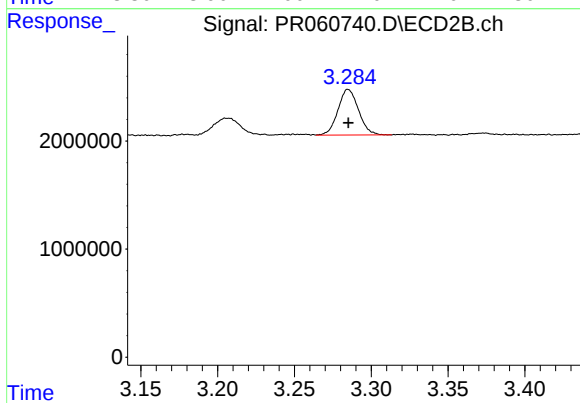
#9 AR-1221-2

R.T.: 3.206 min
Delta R.T.: -0.003 min
Response: 2003452
Conc: 56.48 ng/ml



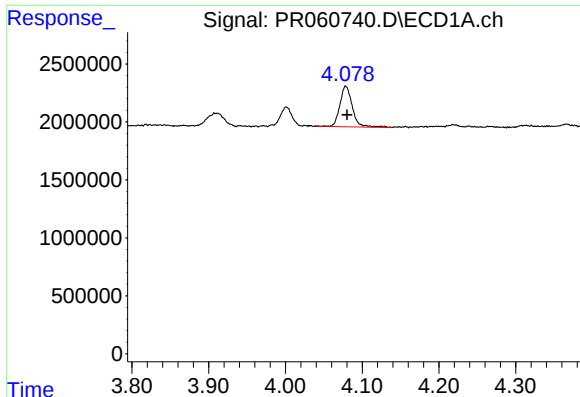
#10 AR-1221-3

R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 3939657
Conc: 44.07 ng/ml



#10 AR-1221-3

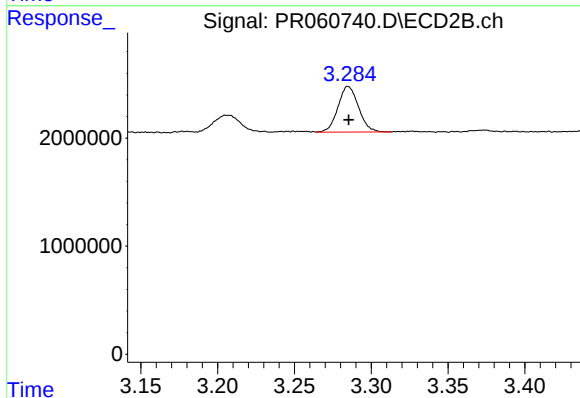
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 3947159
Conc: 34.88 ng/ml



#11 AR-1232-1

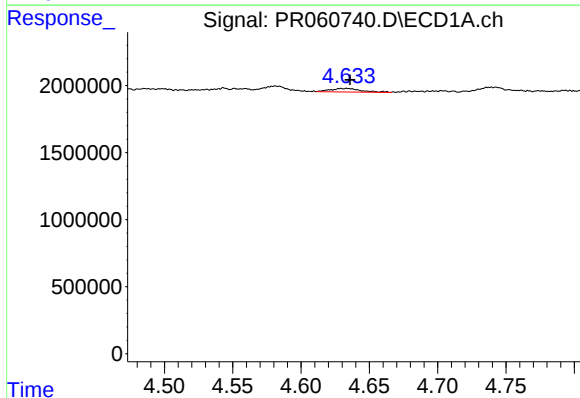
R.T.: 4.079 min
Delta R.T.: -0.002 min
Response: 3939657
Conc: 52.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



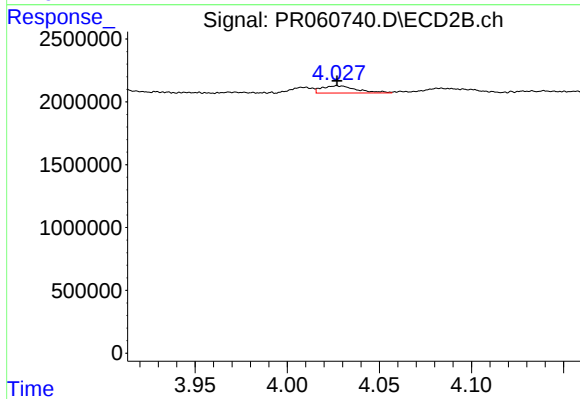
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 3947159
Conc: 42.31 ng/ml



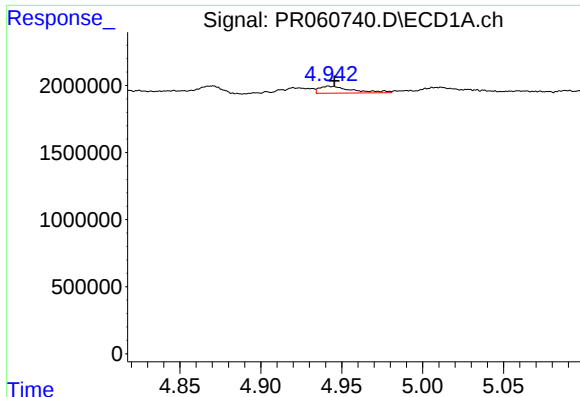
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: -0.002 min
Response: 418880
Conc: 11.52 ng/ml



#12 AR-1232-2

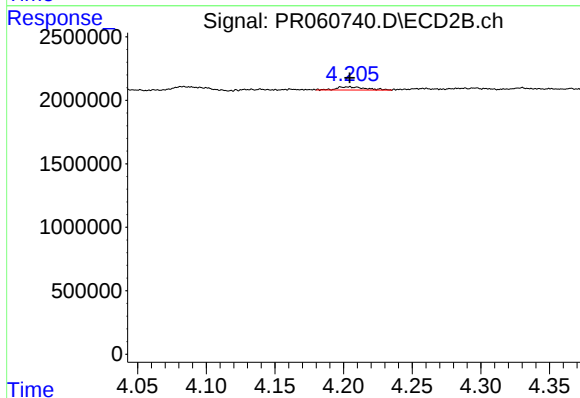
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 764870
Conc: 8.36 ng/ml



#13 AR-1232-3

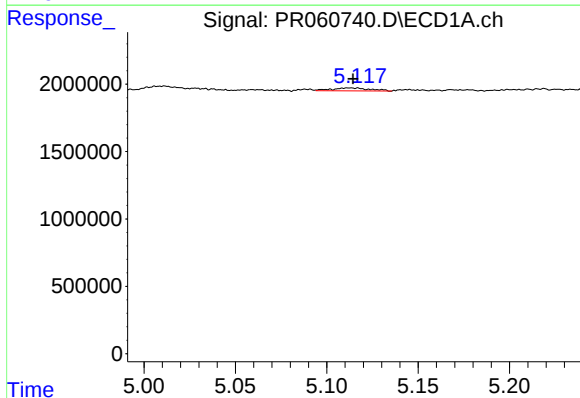
R.T.: 4.942 min
Delta R.T.: -0.003 min
Response: 726149
Conc: 10.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



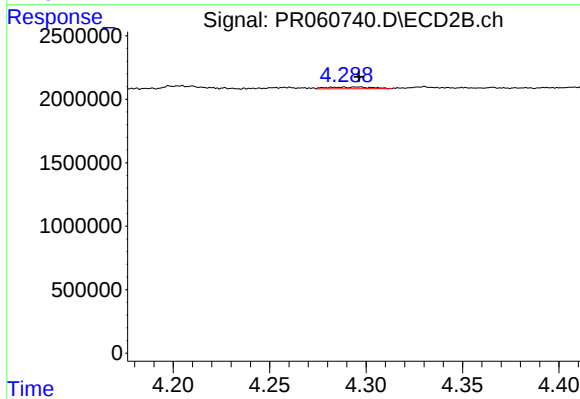
#13 AR-1232-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 370417
Conc: 8.00 ng/ml



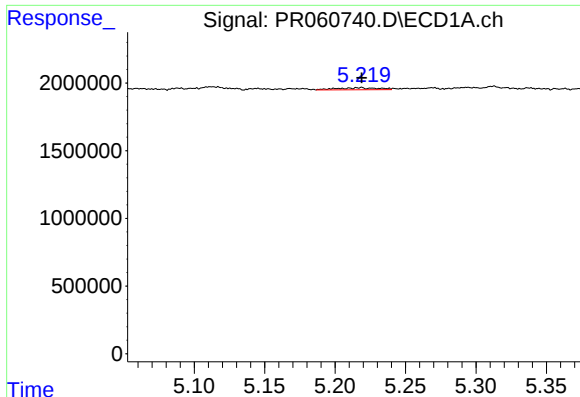
#14 AR-1232-4

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 321829
Conc: 9.33 ng/ml



#14 AR-1232-4

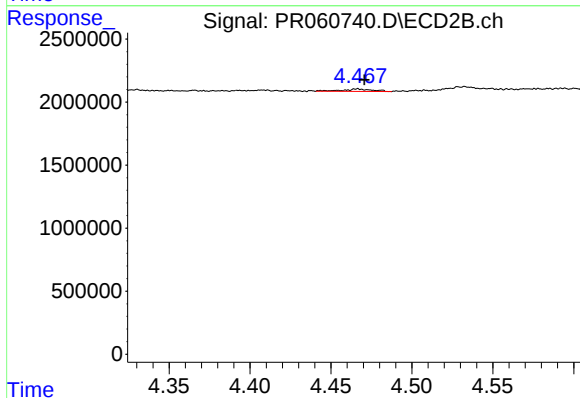
R.T.: 4.288 min
Delta R.T.: -0.008 min
Response: 206061
Conc: 5.05 ng/ml



#15 AR-1232-5

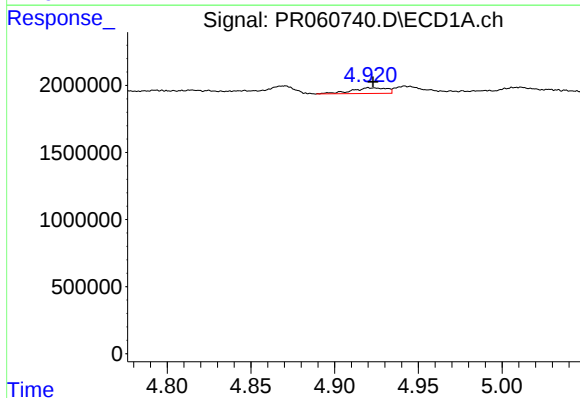
R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 295855
Conc: 11.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



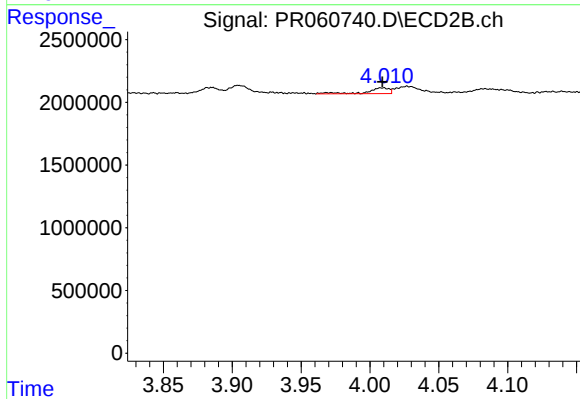
#15 AR-1232-5

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 252608
Conc: 5.38 ng/ml



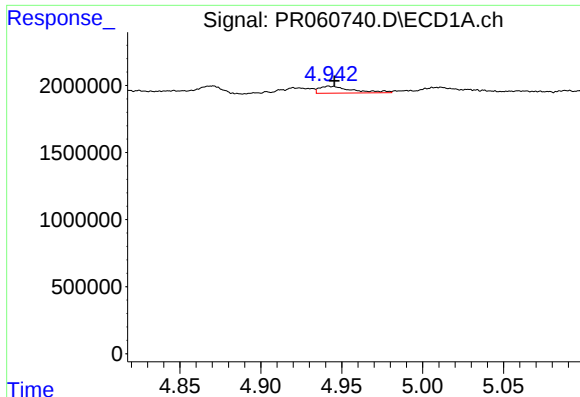
#16 AR-1242-1

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 613886
Conc: 6.96 ng/ml



#16 AR-1242-1

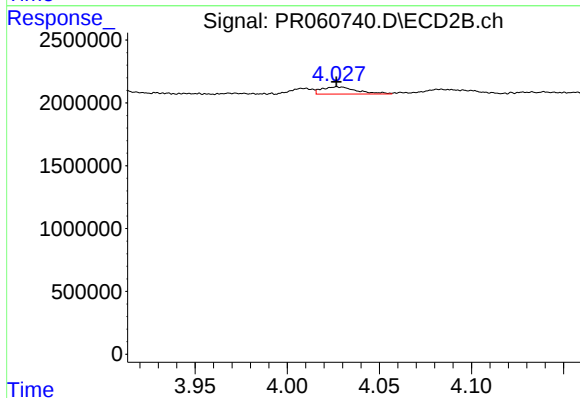
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 502516
Conc: 4.33 ng/ml



#17 AR-1242-2

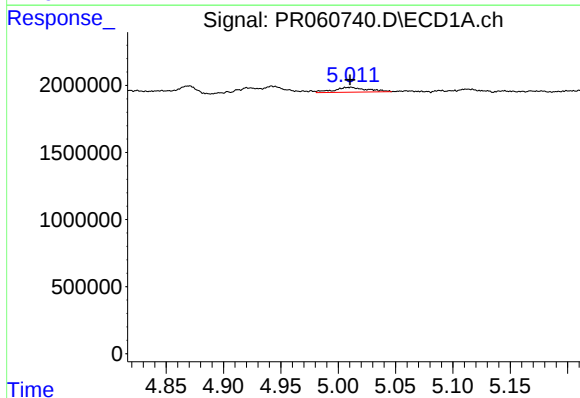
R.T.: 4.942 min
Delta R.T.: -0.003 min
Response: 726149
Conc: 5.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



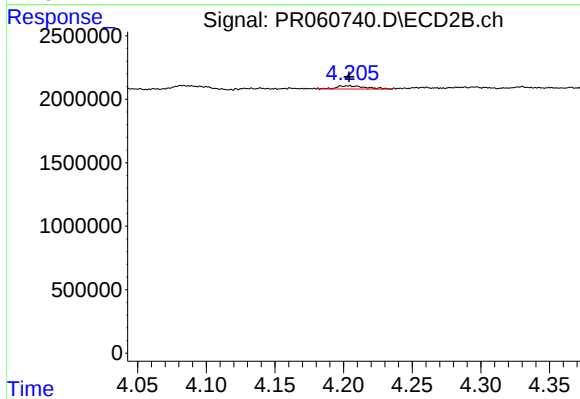
#17 AR-1242-2

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 764870
Conc: 4.59 ng/ml



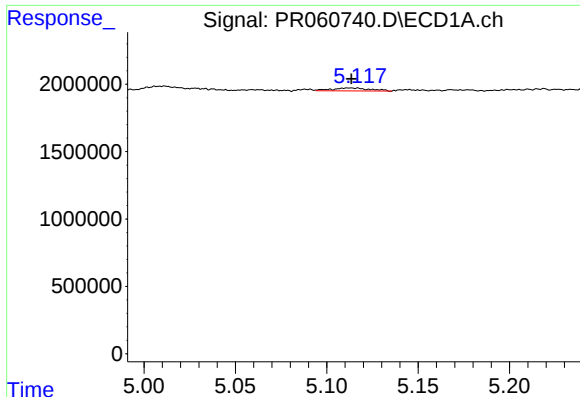
#18 AR-1242-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 727473
Conc: 9.31 ng/ml



#18 AR-1242-3

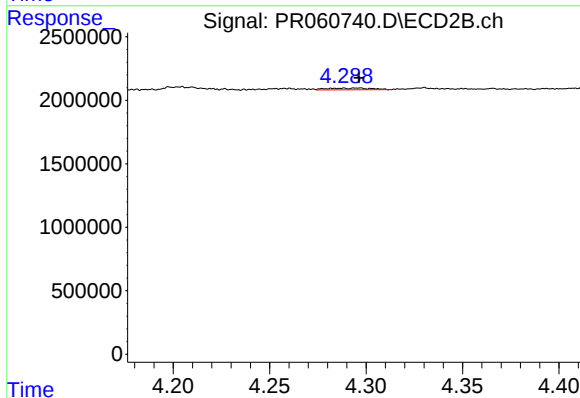
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 370417
Conc: 4.32 ng/ml



#19 AR-1242-4

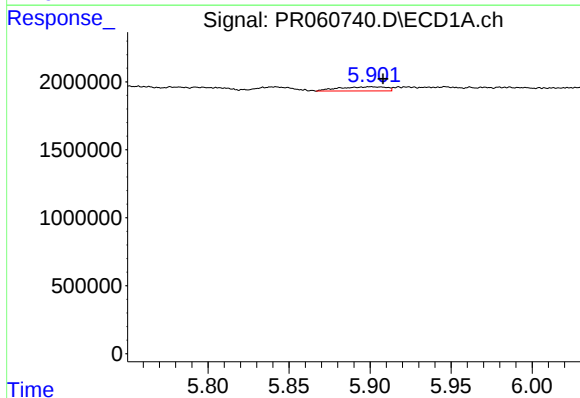
R.T.: 5.112 min
Delta R.T.: -0.001 min
Response: 321829
Conc: 5.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



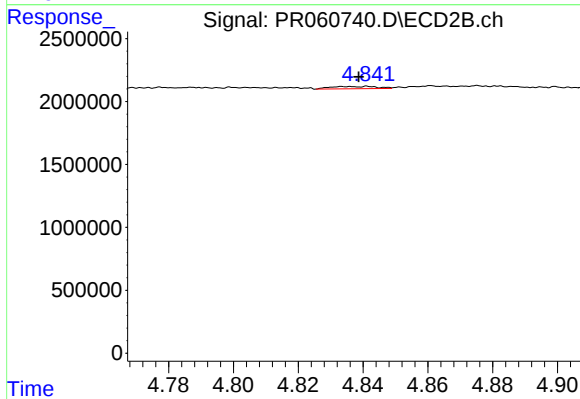
#19 AR-1242-4

R.T.: 4.288 min
Delta R.T.: -0.008 min
Response: 206061
Conc: 2.55 ng/ml



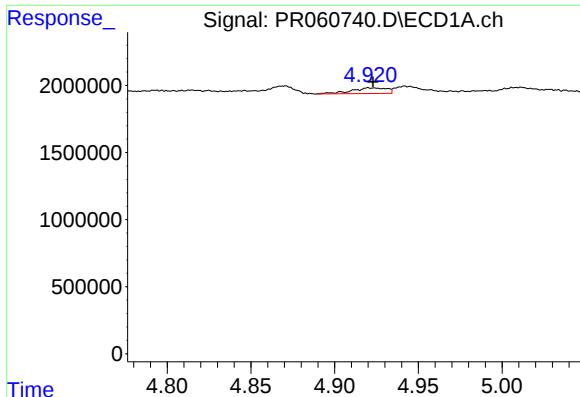
#20 AR-1242-5

R.T.: 5.901 min
Delta R.T.: -0.007 min
Response: 624172
Conc: 9.02 ng/ml



#20 AR-1242-5

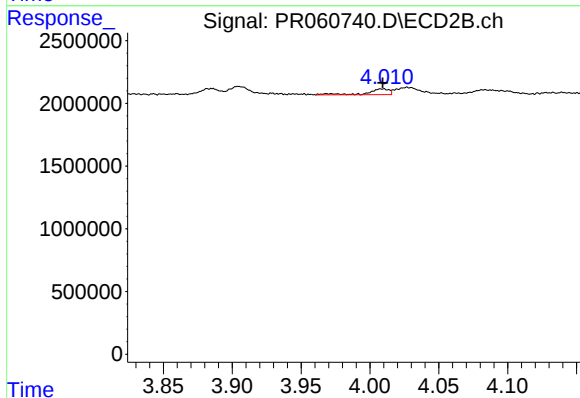
R.T.: 4.842 min
Delta R.T.: 0.003 min
Response: 181263
Conc: 1.68 ng/ml



#21 AR-1248-1

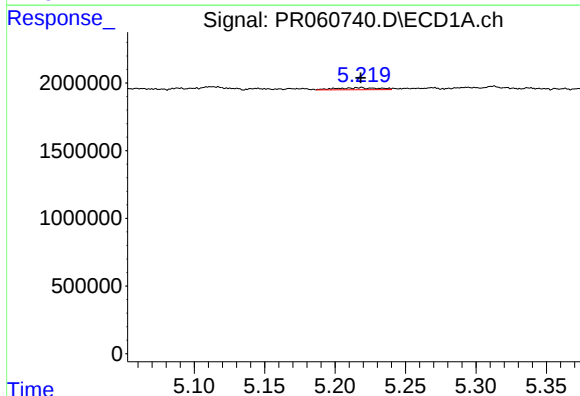
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 613886
Conc: 9.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



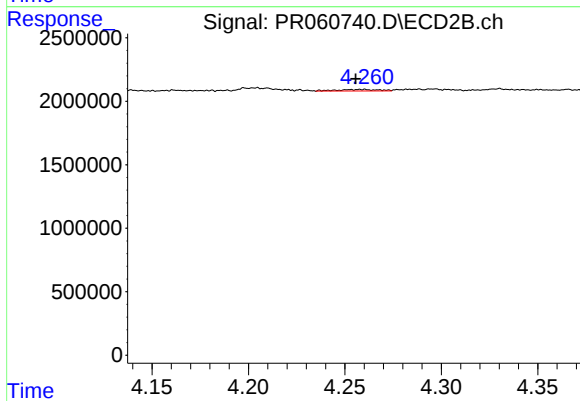
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 502516
Conc: 5.84 ng/ml



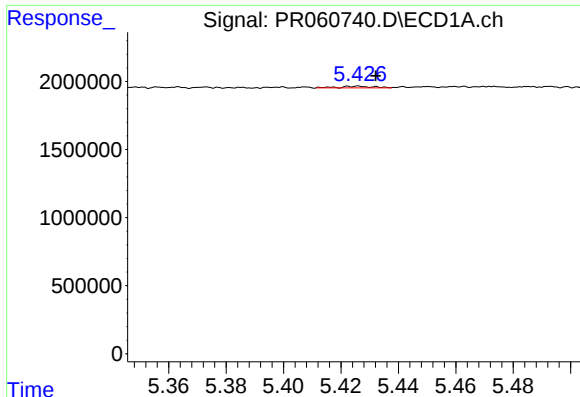
#22 AR-1248-2

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 295855
Conc: 3.33 ng/ml



#22 AR-1248-2

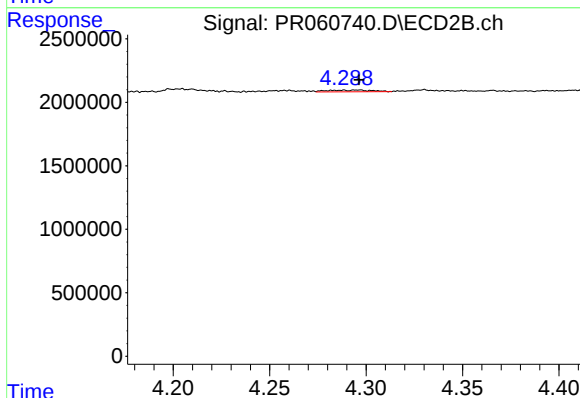
R.T.: 4.260 min
Delta R.T.: 0.004 min
Response: 173097
Conc: 1.44 ng/ml



#23 AR-1248-3

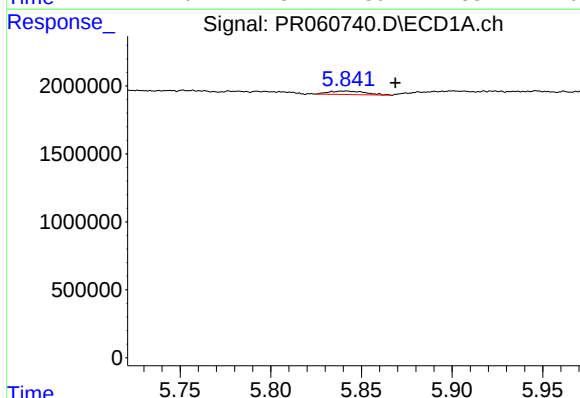
R.T.: 5.426 min
Delta R.T.: -0.006 min
Response: 90246
Conc: 0.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



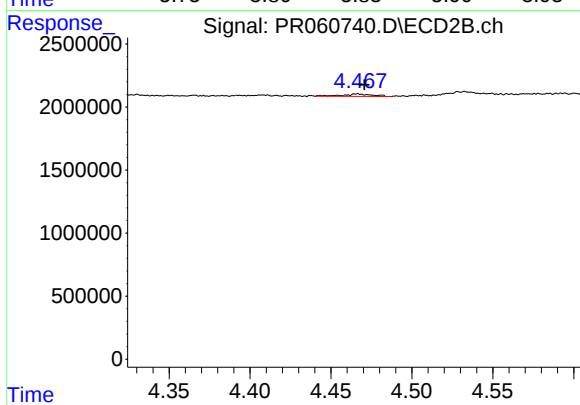
#23 AR-1248-3

R.T.: 4.288 min
Delta R.T.: -0.008 min
Response: 206061
Conc: 1.69 ng/ml



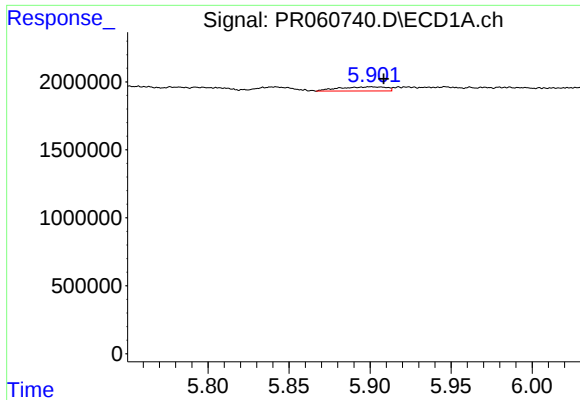
#24 AR-1248-4

R.T.: 5.842 min
Delta R.T.: -0.027 min
Response: 361587
Conc: 3.01 ng/ml



#24 AR-1248-4

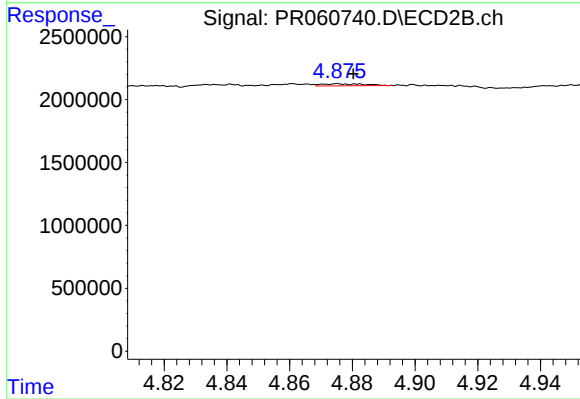
R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 252608
Conc: 1.67 ng/ml



#25 AR-1248-5

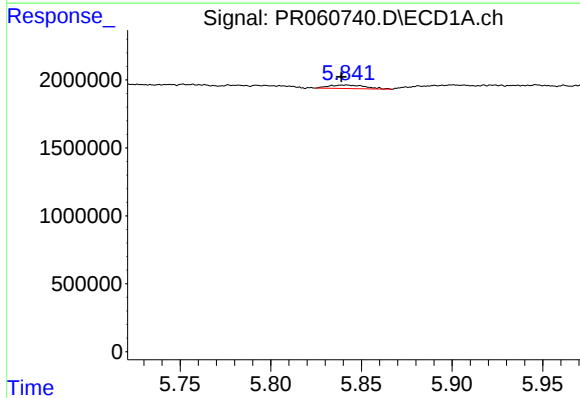
R.T.: 5.901 min
Delta R.T.: -0.008 min
Response: 624172
Conc: 5.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



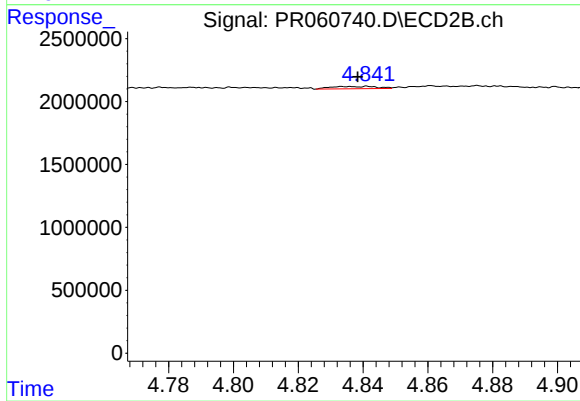
#25 AR-1248-5

R.T.: 4.875 min
Delta R.T.: -0.005 min
Response: 154356
Conc: 1.00 ng/ml



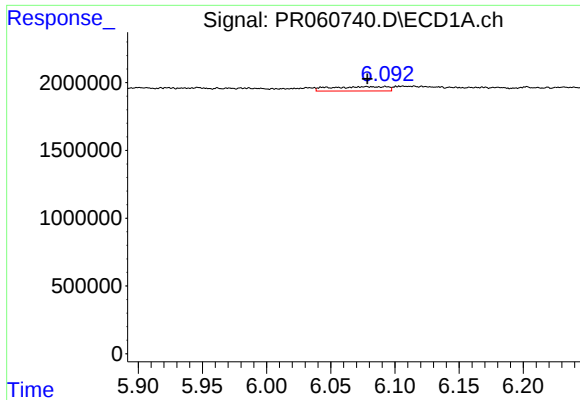
#26 AR-1254-1

R.T.: 5.842 min
Delta R.T.: 0.002 min
Response: 361587
Conc: 3.00 ng/ml



#26 AR-1254-1

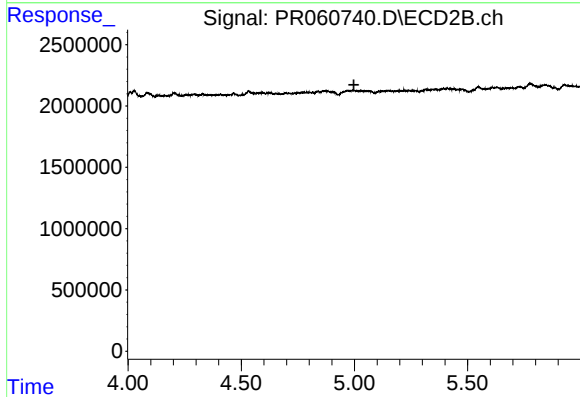
R.T.: 4.842 min
Delta R.T.: 0.003 min
Response: 181263
Conc: 0.75 ng/ml



#27 AR-1254-2

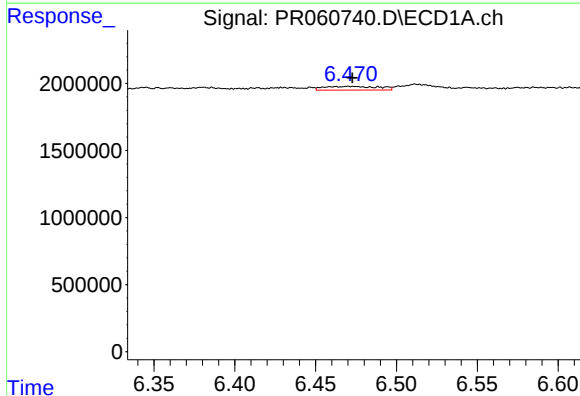
R.T.: 6.093 min
Delta R.T.: 0.014 min
Response: 983501
Conc: 5.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



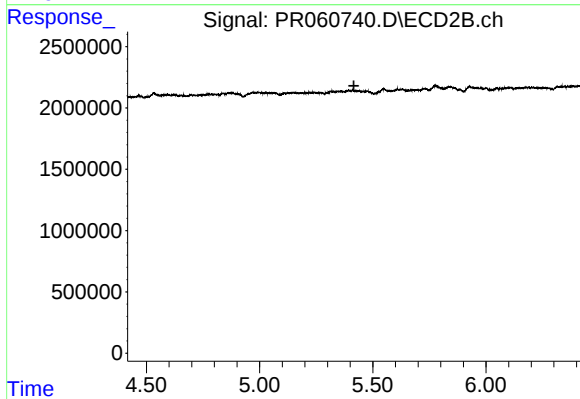
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 4.997 min
Response: 0
Conc: N.D.



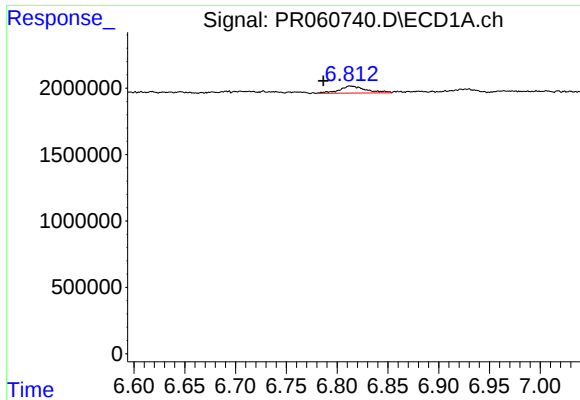
#28 AR-1254-3

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 641394
Conc: 3.13 ng/ml



#28 AR-1254-3

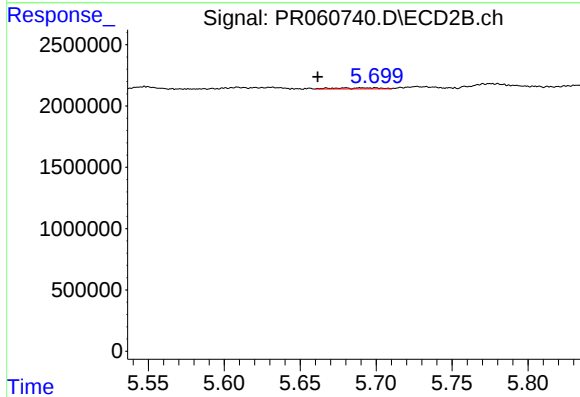
R.T.: 0.000 min
Exp R.T. : 5.417 min
Response: 0
Conc: N.D.



#29 AR-1254-4

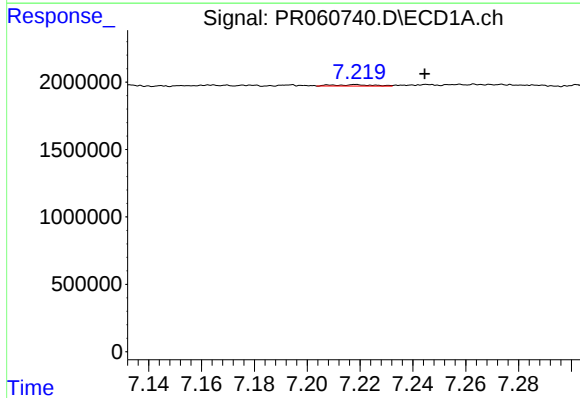
R.T.: 6.813 min
Delta R.T.: 0.026 min
Response: 983160
Conc: 6.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



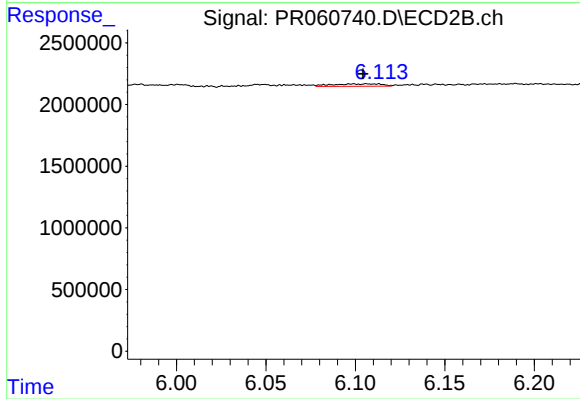
#29 AR-1254-4

R.T.: 5.680 min
Delta R.T.: 0.018 min
Response: 184109
Conc: 0.83 ng/ml



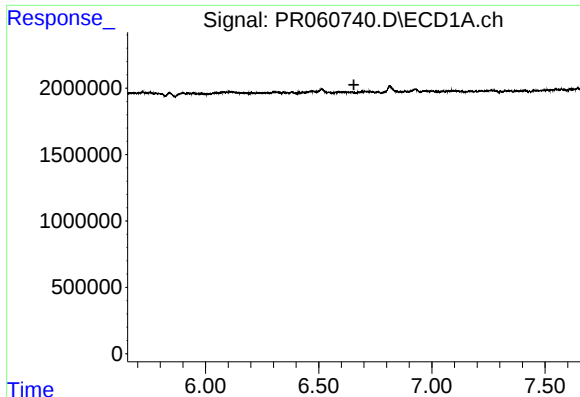
#30 AR-1254-5

R.T.: 7.218 min
Delta R.T.: -0.026 min
Response: 107774
Conc: 0.64 ng/ml



#30 AR-1254-5

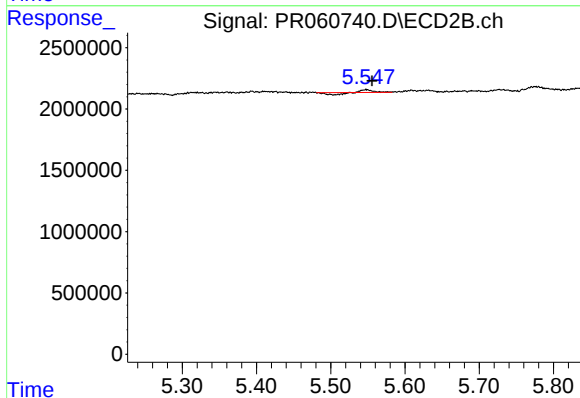
R.T.: 6.107 min
Delta R.T.: 0.003 min
Response: 365700
Conc: 1.14 ng/ml



#31 AR-1260-1

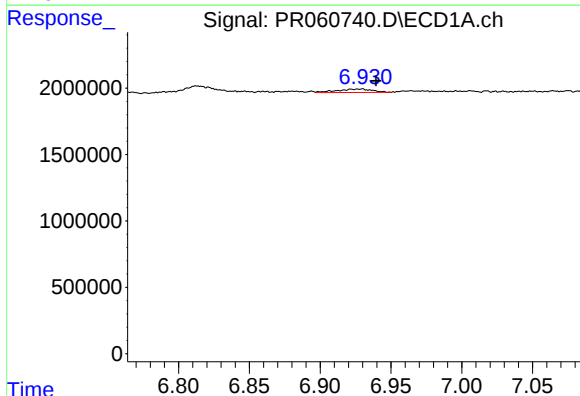
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



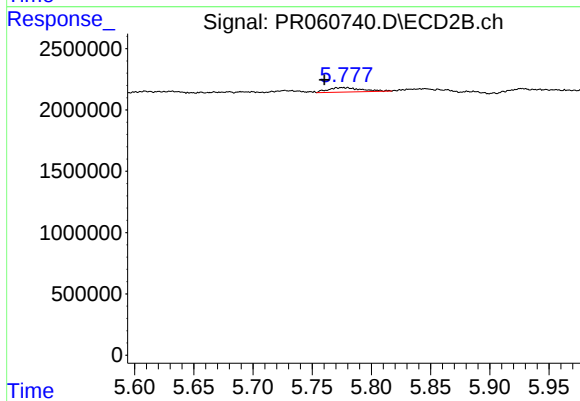
#31 AR-1260-1

R.T.: 5.548 min
Delta R.T.: -0.008 min
Response: 19752
Conc: 0.08 ng/ml



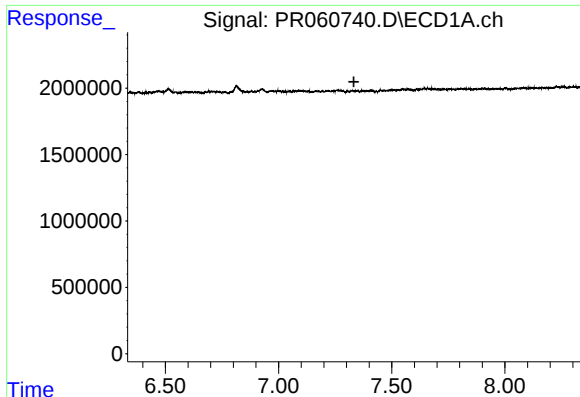
#32 AR-1260-2

R.T.: 6.923 min
Delta R.T.: -0.017 min
Response: 443346
Conc: 2.30 ng/ml



#32 AR-1260-2

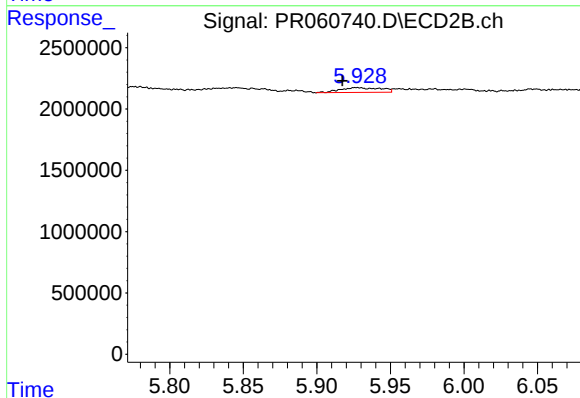
R.T.: 5.776 min
Delta R.T.: 0.015 min
Response: 718088
Conc: 2.31 ng/ml



#33 AR-1260-3

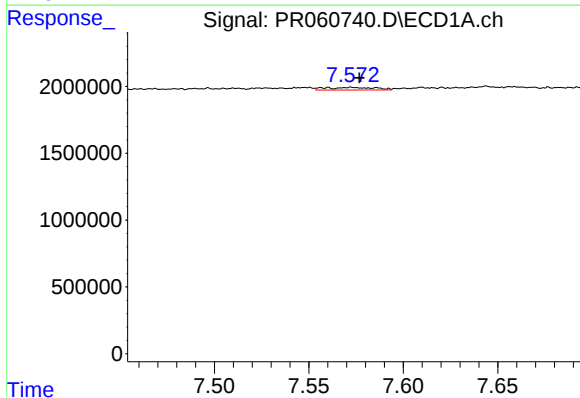
R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



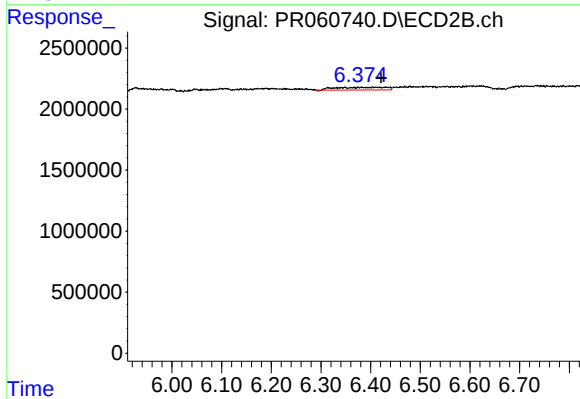
#33 AR-1260-3

R.T.: 5.927 min
Delta R.T.: 0.010 min
Response: 747831
Conc: 2.66 ng/ml



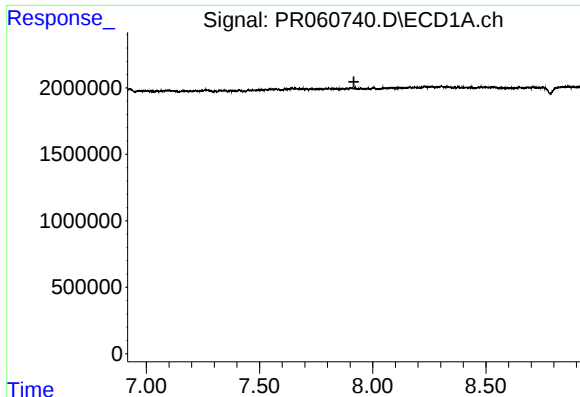
#34 AR-1260-4

R.T.: 7.560 min
Delta R.T.: -0.017 min
Response: 344085
Conc: 2.10 ng/ml



#34 AR-1260-4

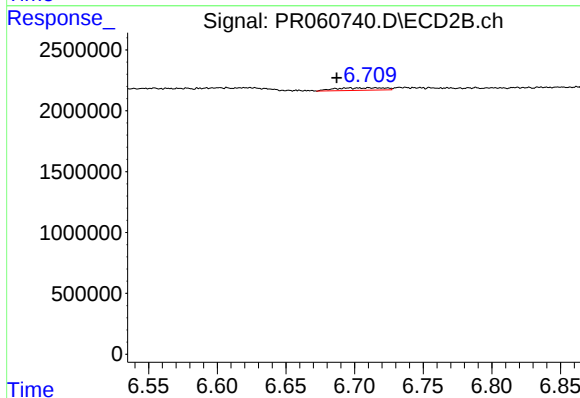
R.T.: 6.409 min
Delta R.T.: -0.012 min
Response: 1579150
Conc: 6.56 ng/ml



#35 AR-1260-5

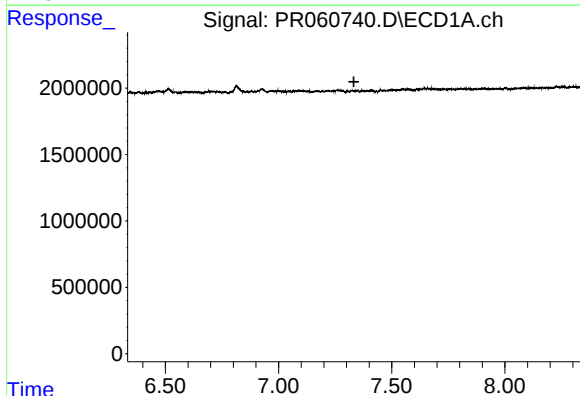
R.T.: 0.000 min
Exp R.T.: 7.917 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



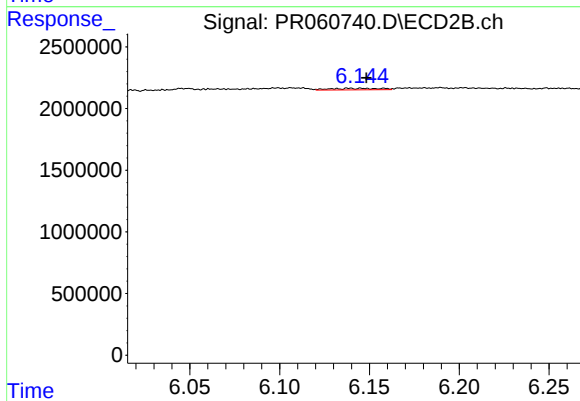
#35 AR-1260-5

R.T.: 6.697 min
Delta R.T.: 0.010 min
Response: 491763
Conc: 0.84 ng/ml



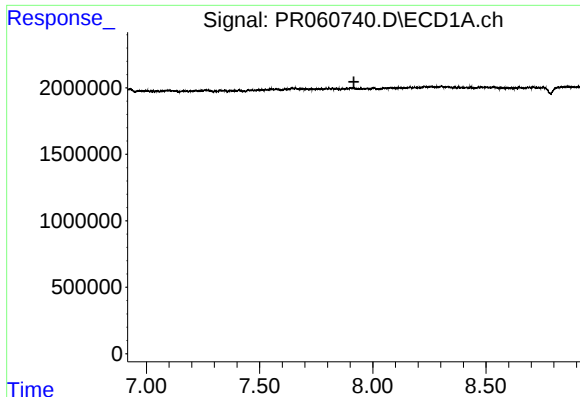
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.



#36 AR-1262-1

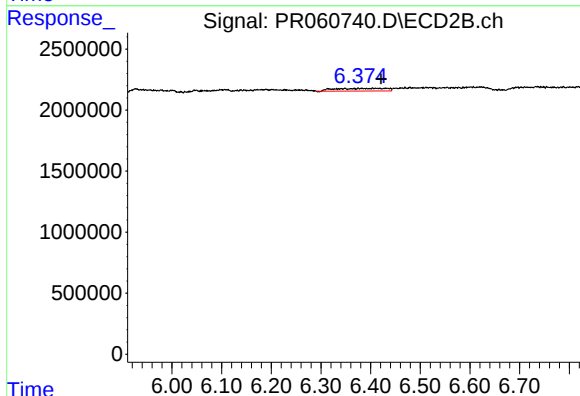
R.T.: 6.146 min
Delta R.T.: -0.002 min
Response: 232411
Conc: 0.74 ng/ml



#37 AR-1262-2

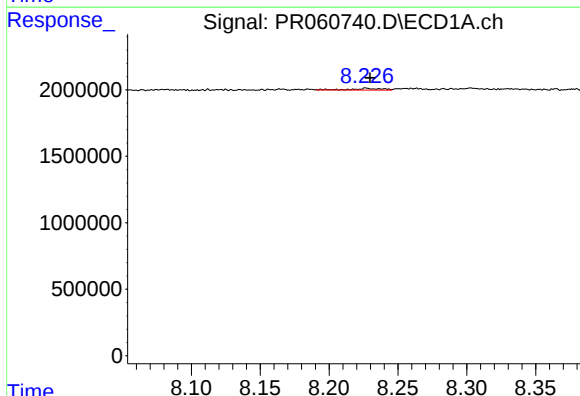
R.T.: 0.000 min
Exp R.T.: 7.917 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



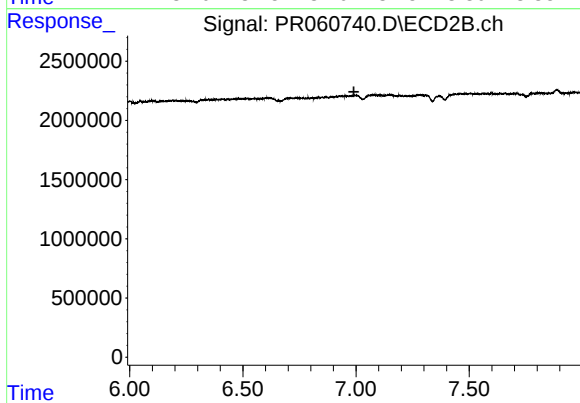
#37 AR-1262-2

R.T.: 6.409 min
Delta R.T.: -0.013 min
Response: 1579150
Conc: 5.48 ng/ml



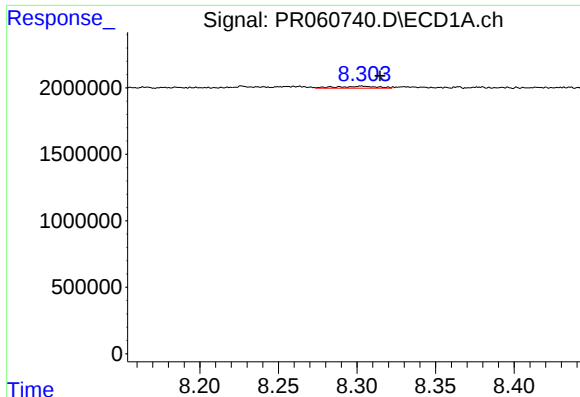
#38 AR-1262-3

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 188612
Conc: 0.82 ng/ml



#38 AR-1262-3

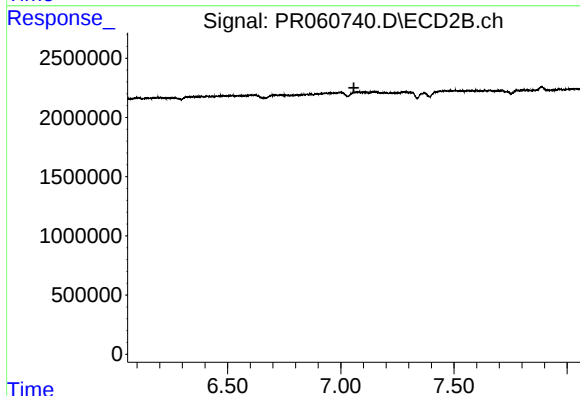
R.T.: 0.000 min
Exp R.T.: 6.991 min
Response: 0
Conc: N.D.



#39 AR-1262-4

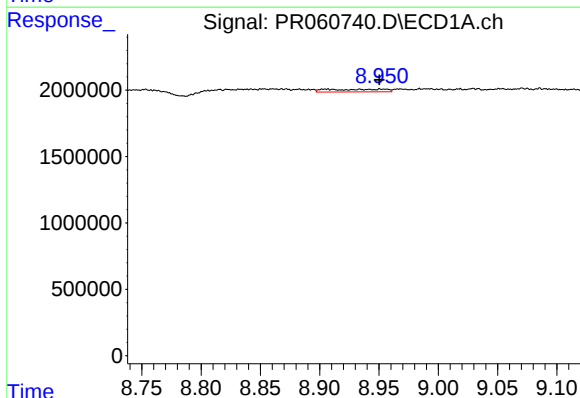
R.T.: 8.303 min
Delta R.T.: -0.012 min
Response: 274854
Conc: 1.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



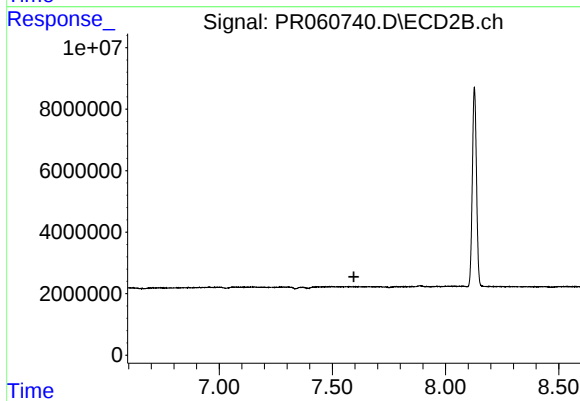
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.058 min
Response: 0
Conc: N.D.



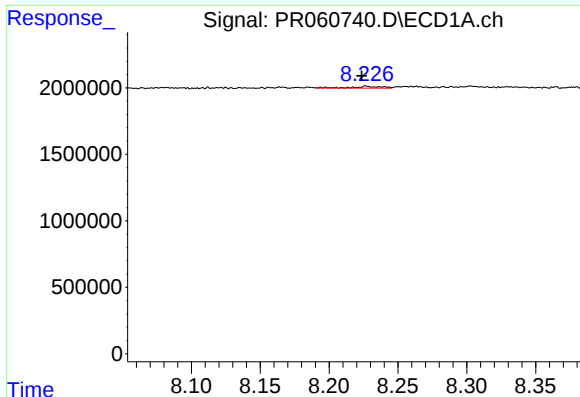
#40 AR-1262-5

R.T.: 8.934 min
Delta R.T.: -0.016 min
Response: 694026
Conc: 5.54 ng/ml



#40 AR-1262-5

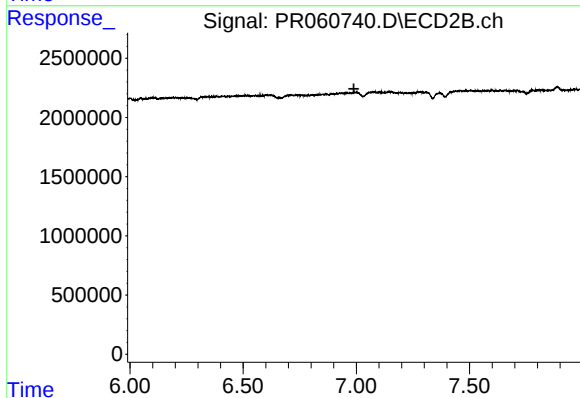
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#41 AR-1268-1

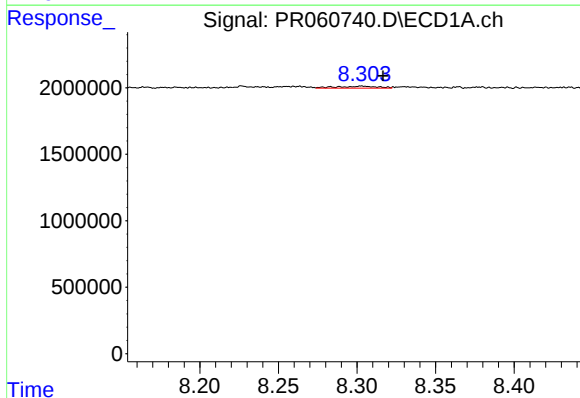
R.T.: 8.227 min
Delta R.T.: 0.003 min
Response: 188612
Conc: 0.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



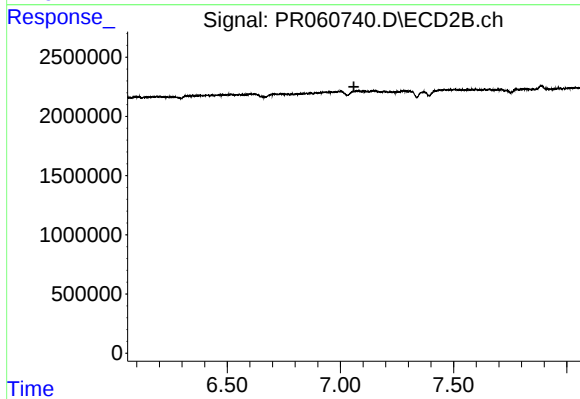
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.989 min
Response: 0
Conc: N.D.



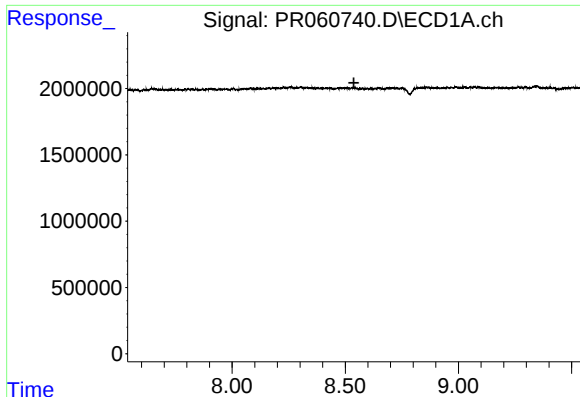
#42 AR-1268-2

R.T.: 8.303 min
Delta R.T.: -0.014 min
Response: 274854
Conc: 0.73 ng/ml



#42 AR-1268-2

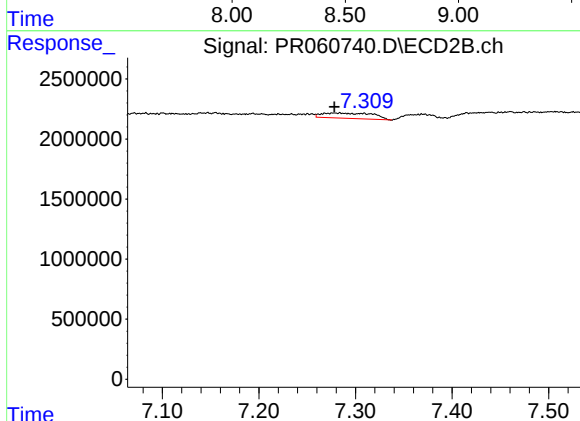
R.T.: 0.000 min
Exp R.T. : 7.059 min
Response: 0
Conc: N.D.



#43 AR-1268-3

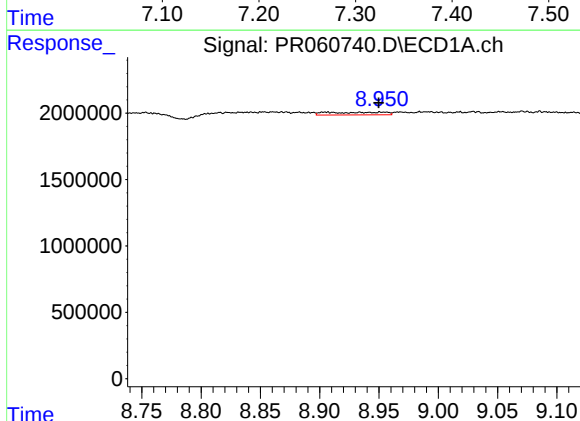
R.T.: 0.000 min
Exp R.T.: 8.538 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



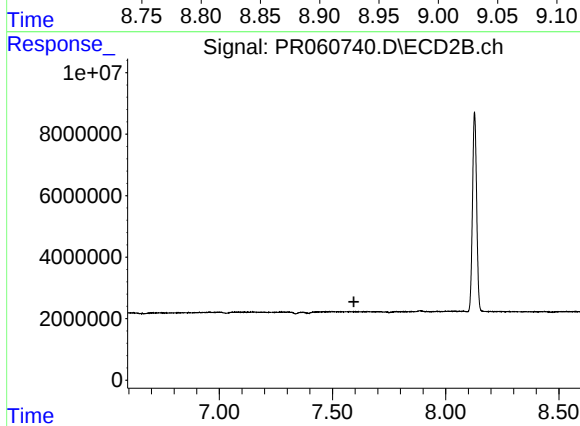
#43 AR-1268-3

R.T.: 7.280 min
Delta R.T.: 0.001 min
Response: 1624193
Conc: 2.86 ng/ml



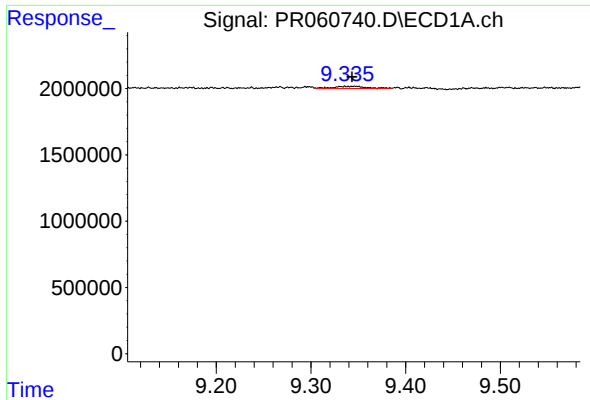
#44 AR-1268-4

R.T.: 8.934 min
Delta R.T.: -0.016 min
Response: 694026
Conc: 4.83 ng/ml



#44 AR-1268-4

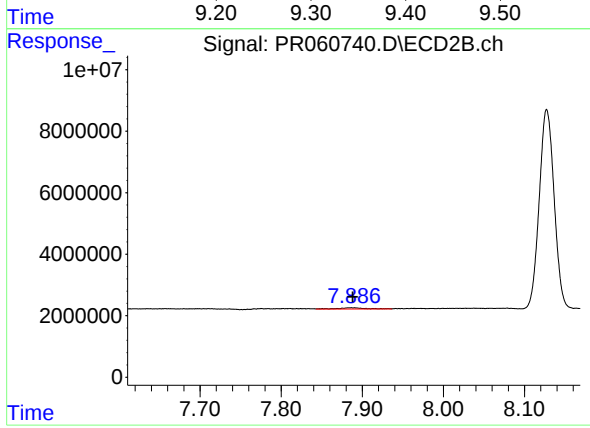
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.336 min
Delta R.T.: -0.007 min
Response: 404429
Conc: 0.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.887 min
Delta R.T.: -0.001 min
Response: 1064713
Conc: 0.57 ng/ml