

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062023\
 Data File : PR061913.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 10:03
 Operator : YP\AJ
 Sample : PP22138 PEST/PCB SURROGATE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:30:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 19 13:30:08 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...	3.691	2.961	38084223	49282944	17.320	17.941
2)	SA Decachlor...	9.625	8.249	27128821	59479267	18.749	16.772
Target Compounds							
3)	L1 AR-1016-1	4.906	4.059f	110899	37079	1.489	0.365 #
4)	L1 AR-1016-2	0.000	4.119	0	509227	N.D.	3.619 #
5)	L1 AR-1016-3	5.016	0.000	518066	0	7.723	N.D. #
6)	L1 AR-1016-4	0.000	4.362f	0	257108	N.D.	4.010 #
7)	L1 AR-1016-5	0.000	4.555	0	129989	N.D.	1.564 #
8)	L2 AR-1221-1	3.916	0.000	211920	0	7.854	N.D. #
9)	L2 AR-1221-2	4.004	3.266	609219	824158	31.891	29.954
10)	L2 AR-1221-3	0.000	3.351	0	316796	N.D.	3.929 #
11)	L3 AR-1232-1	0.000	3.351	0	316796	N.D.	5.248 #
12)	L3 AR-1232-2	4.609f	4.119	72931	509227	2.744	8.204 #
14)	L3 AR-1232-4	0.000	4.362f	0	257108	N.D.	8.188 #
15)	L3 AR-1232-5	5.199f	4.555	60189	129989	3.271	3.609
16)	L4 AR-1242-1	4.906	4.059f	110899	37079	1.999	0.487 #
17)	L4 AR-1242-2	0.000	4.119	0	509227	N.D.	4.891 #
18)	L4 AR-1242-3	5.016	0.000	518066	0	10.344	N.D. #
19)	L4 AR-1242-4	0.000	4.362f	0	257108	N.D.	4.331 #
20)	L4 AR-1242-5	5.903	4.922	88075	481625	2.235	6.126 #
21)	L5 AR-1248-1	4.906	4.059f	110899	37079	2.595	0.606 #
22)	L5 AR-1248-2	5.199	4.362f	60189	257108	0.971	2.983 #
23)	L5 AR-1248-3	0.000	4.362f	0	257108	N.D.	2.890 #
24)	L5 AR-1248-4	5.842f	4.555	108412	129989	1.483	1.205
25)	L5 AR-1248-5	5.903	0.000	88075	0	1.237	N.D. #
26)	L6 AR-1254-1	5.842	4.922	108412	481625	1.359	3.019 #
27)	L6 AR-1254-2	6.078	5.069f	535917	355861	4.556	2.450 #
28)	L6 AR-1254-3	6.455	5.516	258216	1086771	2.252	4.594 #
29)	L6 AR-1254-4	6.775	0.000	119587	0	1.496	N.D. #
30)	L6 AR-1254-5	7.255f	6.208	389920	1335924	4.347	5.449 #
31)	L7 AR-1260-1	6.632	0.000	107594	0	1.082	N.D. #
32)	L7 AR-1260-2	6.909f	0.000	735083	0	6.670	N.D. #
33)	L7 AR-1260-3	7.314	0.000	113573	0	1.641	N.D. #
34)	L7 AR-1260-4	7.547	6.527	118081	1495845	1.442	9.469 #
35)	L7 AR-1260-5	7.908	6.770f	895309	1032345	6.359	2.780 #
36)	L8 AR-1262-1	7.314	6.269f	113573	1873543	1.058	7.900 #
37)	L8 AR-1262-2	7.908	6.770f	895309	1032345	5.393	2.355 #
38)	L8 AR-1262-3	0.000	7.122f	0	932204	N.D.	4.946 #
39)	L8 AR-1262-4	8.302	7.182f	703411	786769	7.879	2.339 #
41)	L9 AR-1268-1	0.000	7.122f	0	932204	N.D.	1.812 #
42)	L9 AR-1268-2	8.302	7.182	703411	786769	3.861	1.653 #
43)	L9 AR-1268-3	8.500	0.000	948240	0	6.061	N.D. #

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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	9.315	8.003	536733	1403706	1.167	1.090

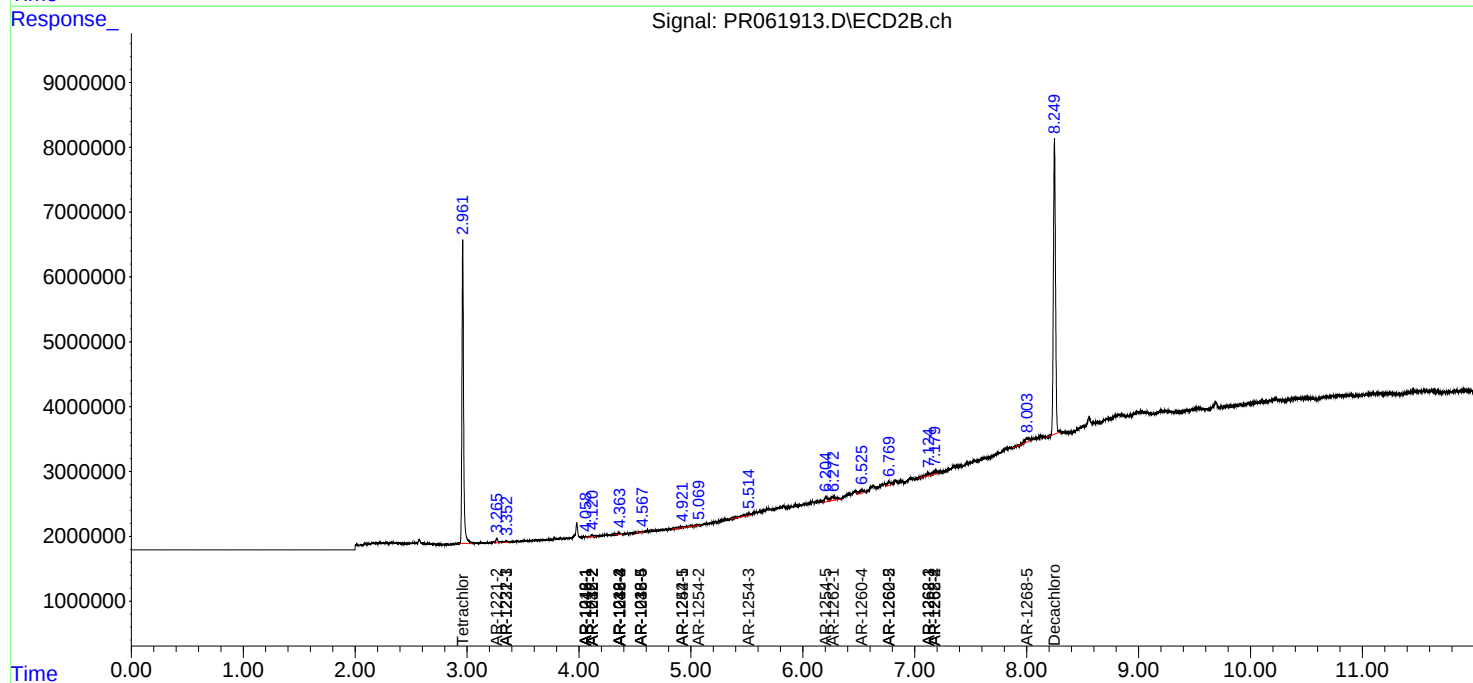
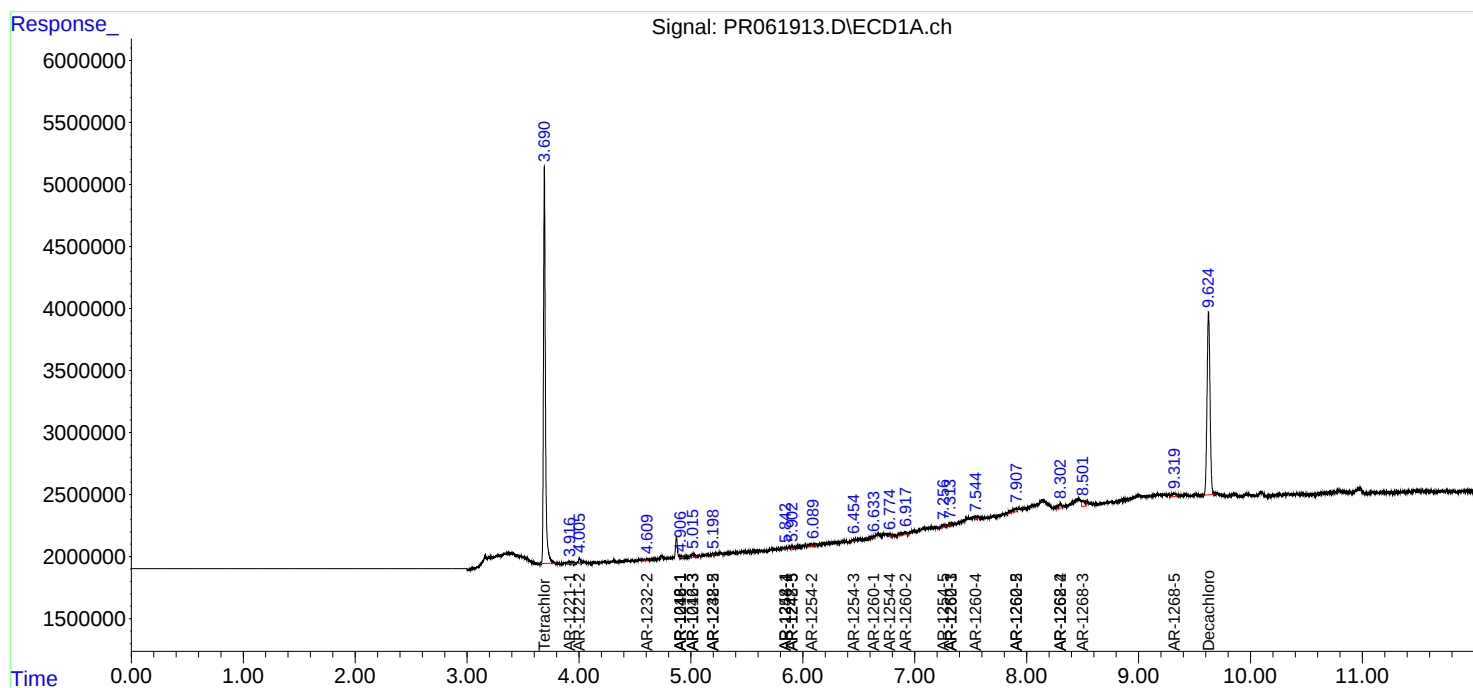
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

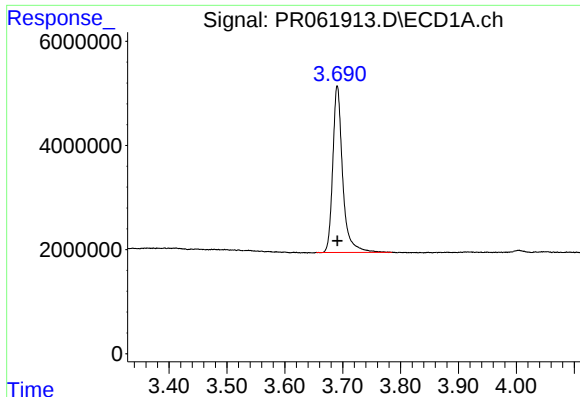
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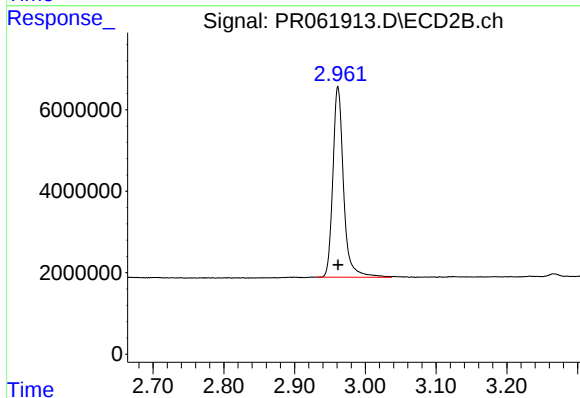




#1 Tetrachloro-m-xylene

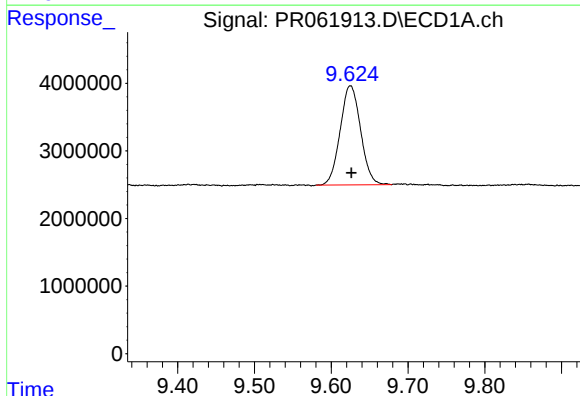
R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 38084223
Conc: 17.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



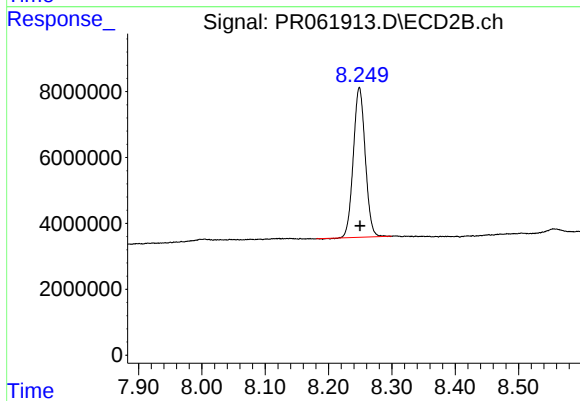
#1 Tetrachloro-m-xylene

R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 49282944
Conc: 17.94 ng/ml



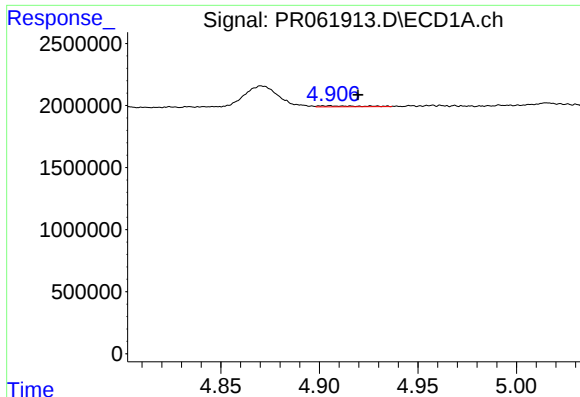
#2 Decachlorobiphenyl

R.T.: 9.625 min
Delta R.T.: -0.001 min
Response: 27128821
Conc: 18.75 ng/ml



#2 Decachlorobiphenyl

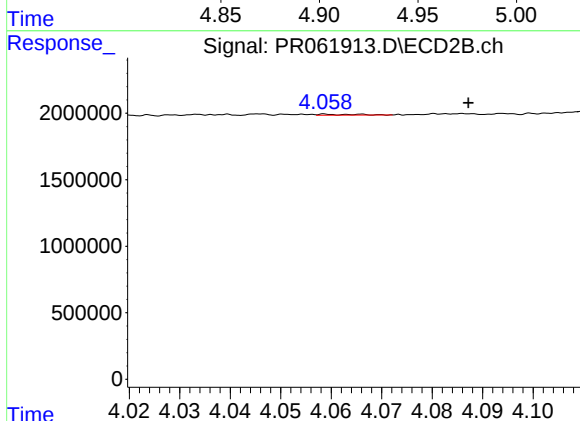
R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 59479267
Conc: 16.77 ng/ml



#3 AR-1016-1

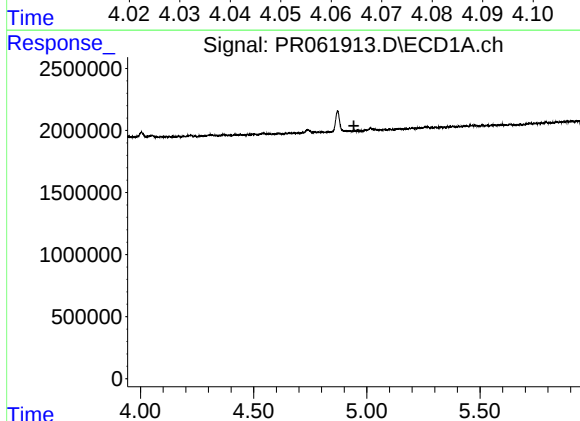
R.T.: 4.906 min
Delta R.T.: -0.014 min
Response: 110899
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



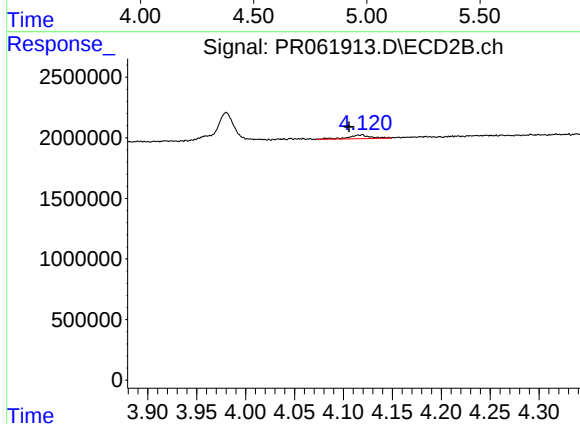
#3 AR-1016-1

R.T.: 4.059 min
Delta R.T.: -0.029 min
Response: 37079
Conc: 0.37 ng/ml



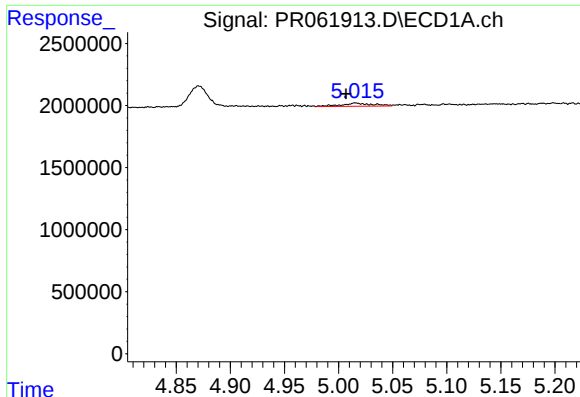
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.943 min
Response: 0
Conc: N.D.



#4 AR-1016-2

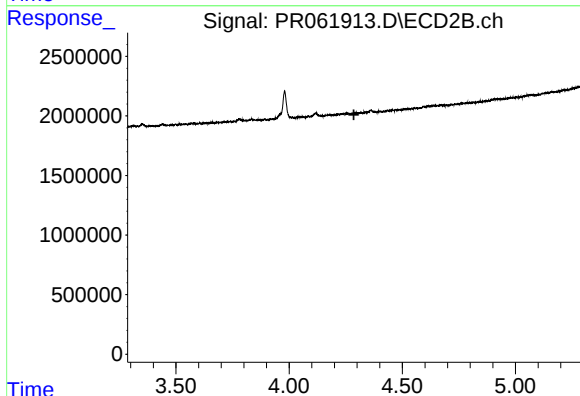
R.T.: 4.119 min
Delta R.T.: 0.013 min
Response: 509227
Conc: 3.62 ng/ml



#5 AR-1016-3

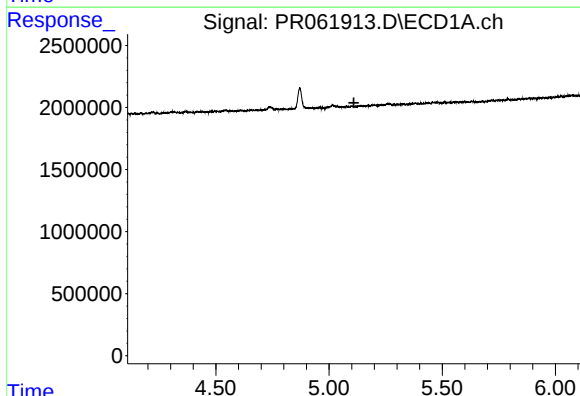
R.T.: 5.016 min
Delta R.T.: 0.008 min
Response: 518066
Conc: 7.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



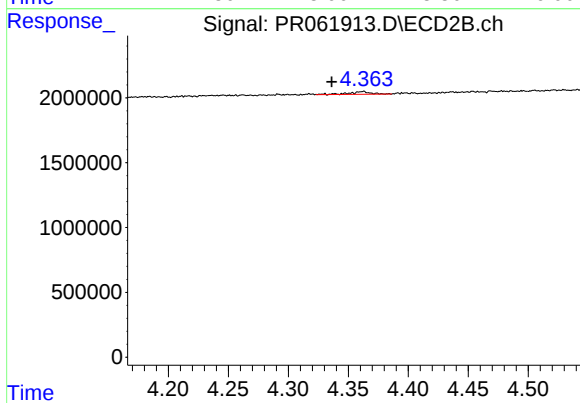
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



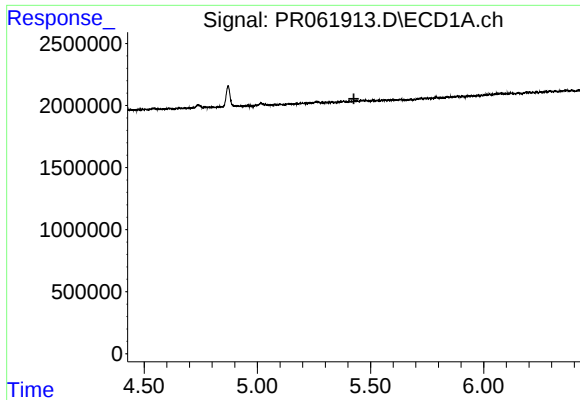
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.110 min
Response: 0
Conc: N.D.



#6 AR-1016-4

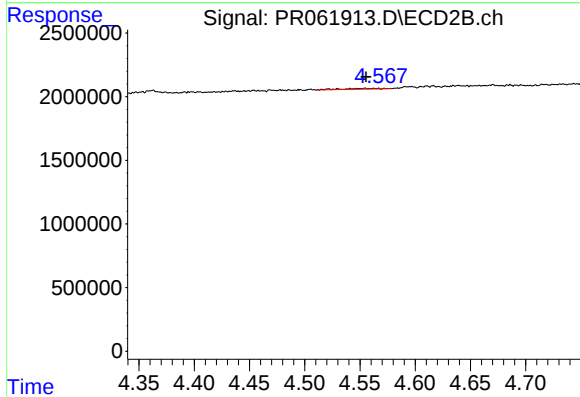
R.T.: 4.362 min
Delta R.T.: 0.026 min
Response: 257108
Conc: 4.01 ng/ml



#7 AR-1016-5

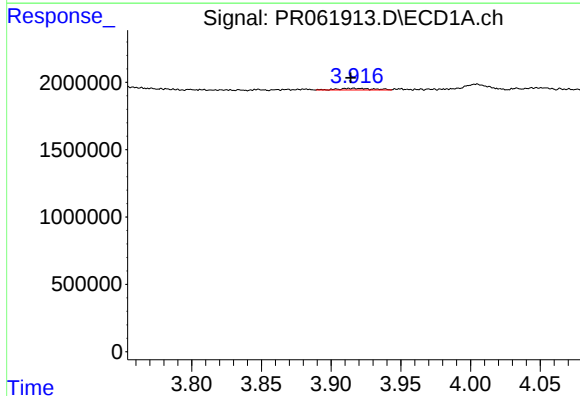
R.T.: 0.000 min
Exp R.T.: 5.427 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



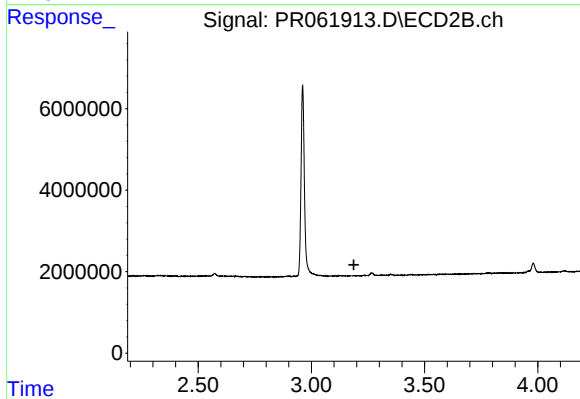
#7 AR-1016-5

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 129989
Conc: 1.56 ng/ml



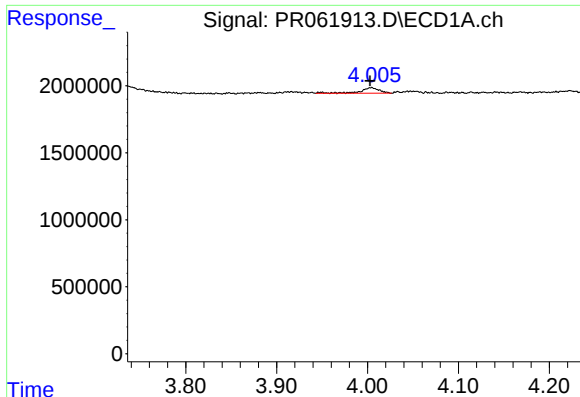
#8 AR-1221-1

R.T.: 3.916 min
Delta R.T.: 0.002 min
Response: 211920
Conc: 7.85 ng/ml



#8 AR-1221-1

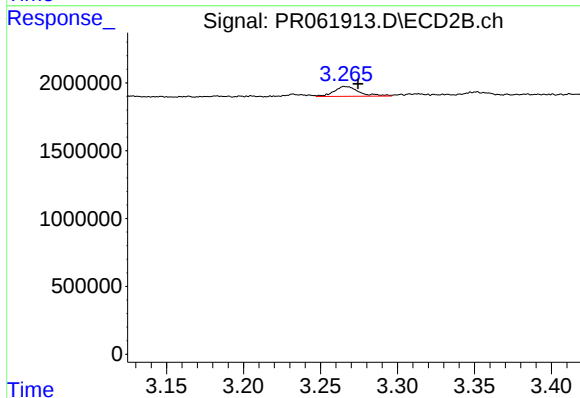
R.T.: 0.000 min
Exp R.T.: 3.188 min
Response: 0
Conc: N.D.



#9 AR-1221-2

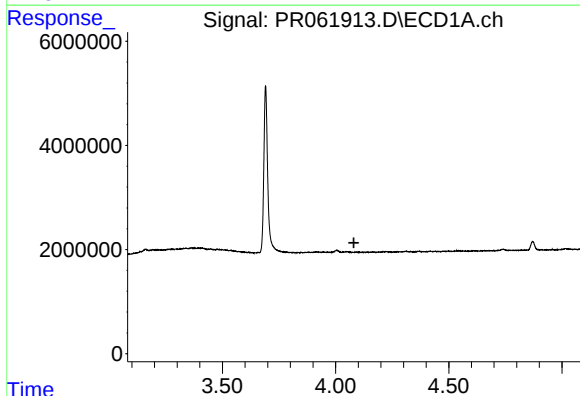
R.T.: 4.004 min
Delta R.T.: 0.001 min
Response: 609219
Conc: 31.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



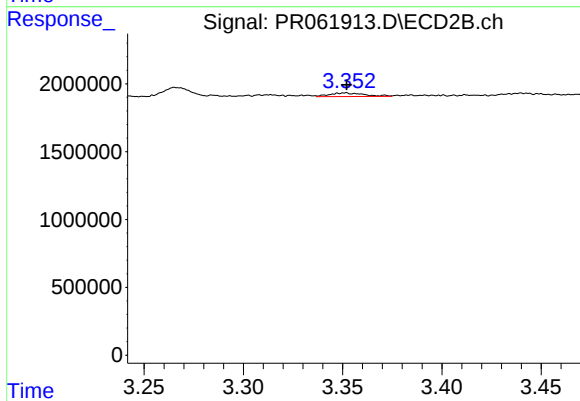
#9 AR-1221-2

R.T.: 3.266 min
Delta R.T.: -0.008 min
Response: 824158
Conc: 29.95 ng/ml



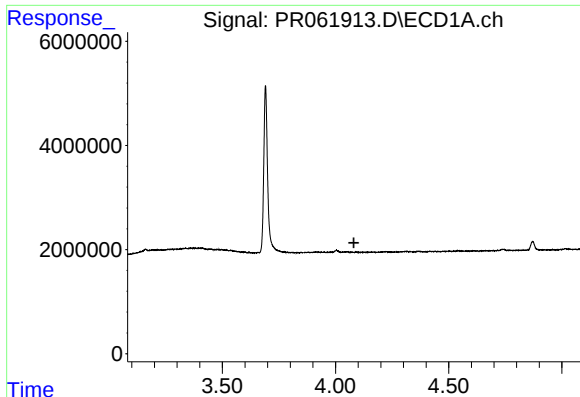
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.081 min
Response: 0
Conc: N.D.



#10 AR-1221-3

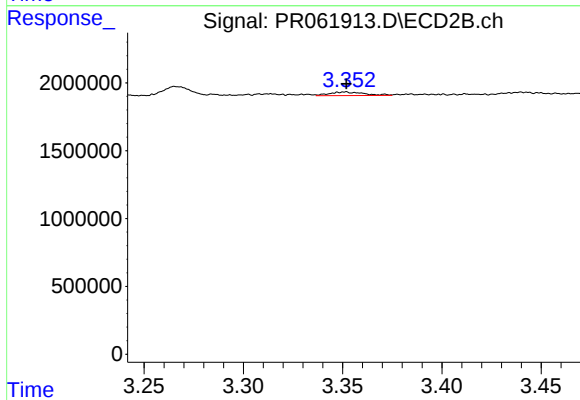
R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 316796
Conc: 3.93 ng/ml



#11 AR-1232-1

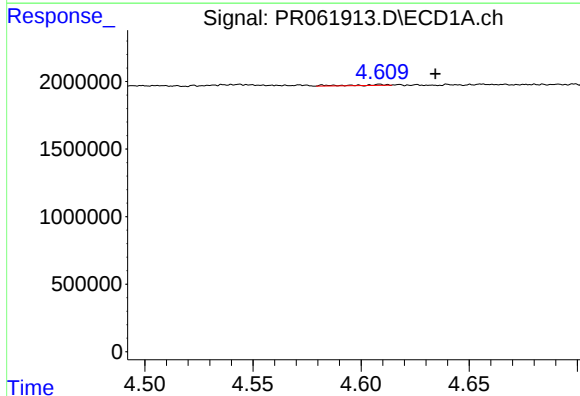
R.T.: 0.000 min
Exp R.T.: 4.081 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



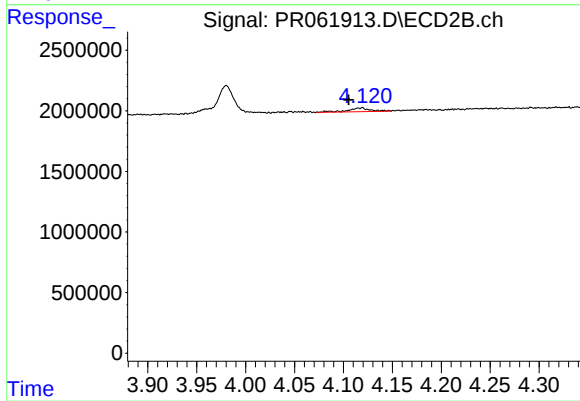
#11 AR-1232-1

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 316796
Conc: 5.25 ng/ml



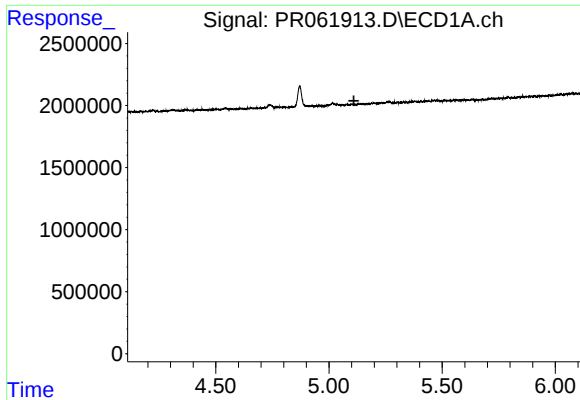
#12 AR-1232-2

R.T.: 4.609 min
Delta R.T.: -0.026 min
Response: 72931
Conc: 2.74 ng/ml



#12 AR-1232-2

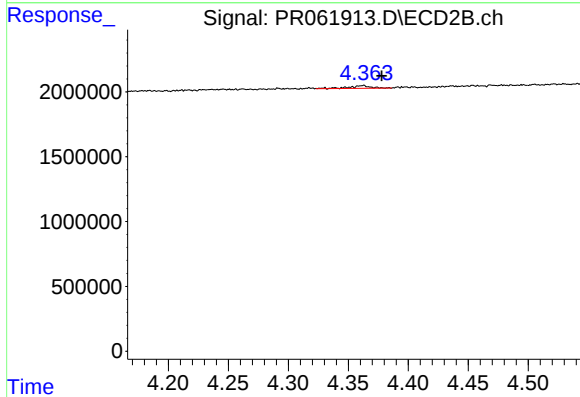
R.T.: 4.119 min
Delta R.T.: 0.014 min
Response: 509227
Conc: 8.20 ng/ml



#14 AR-1232-4

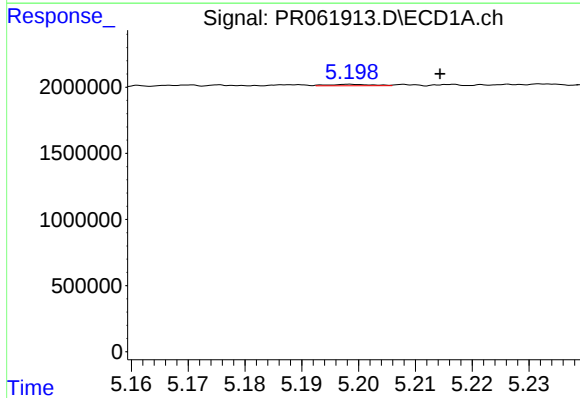
R.T.: 0.000 min
Exp R.T.: 5.110 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



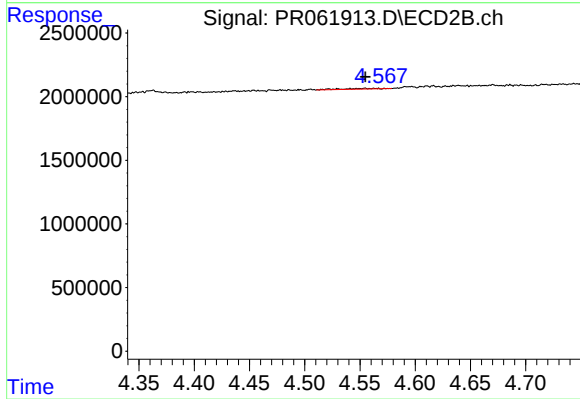
#14 AR-1232-4

R.T.: 4.362 min
Delta R.T.: -0.016 min
Response: 257108
Conc: 8.19 ng/ml



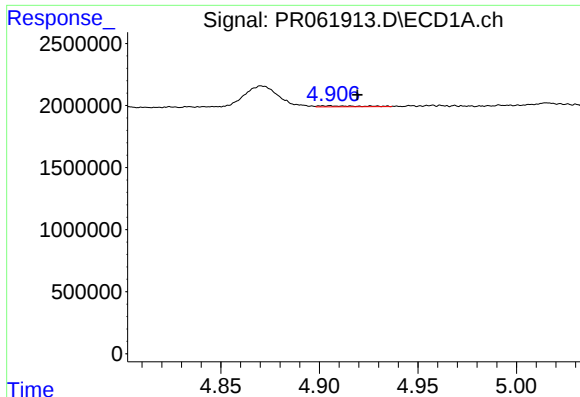
#15 AR-1232-5

R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 60189
Conc: 3.27 ng/ml



#15 AR-1232-5

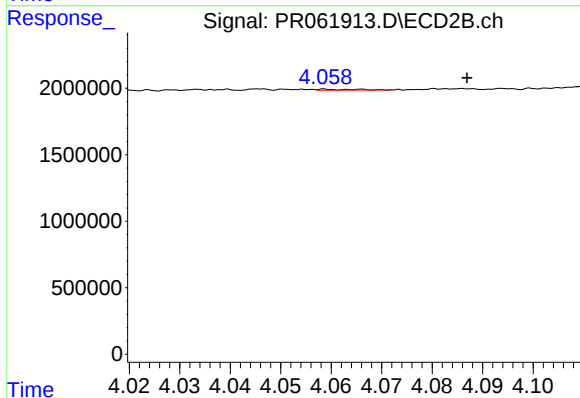
R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 129989
Conc: 3.61 ng/ml



#16 AR-1242-1

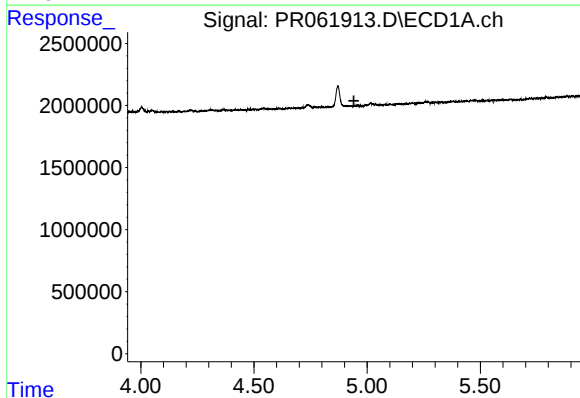
R.T.: 4.906 min
Delta R.T.: -0.014 min
Response: 110899
Conc: 2.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



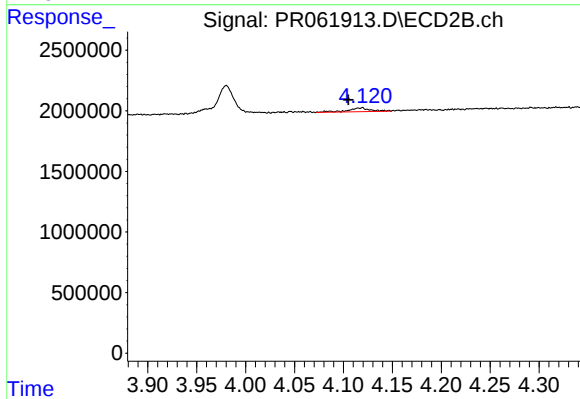
#16 AR-1242-1

R.T.: 4.059 min
Delta R.T.: -0.028 min
Response: 37079
Conc: 0.49 ng/ml



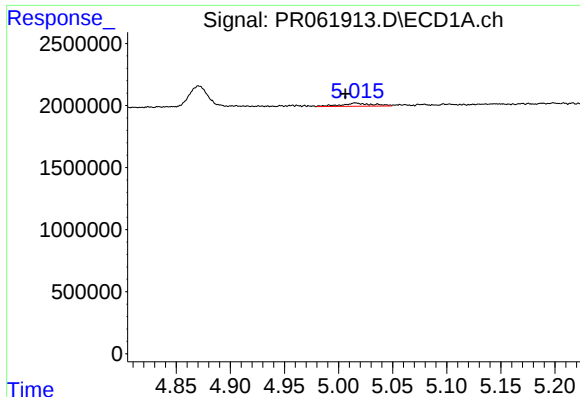
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.941 min
Response: 0
Conc: N.D.



#17 AR-1242-2

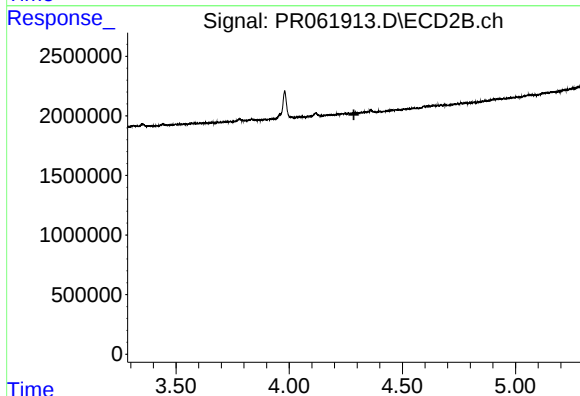
R.T.: 4.119 min
Delta R.T.: 0.014 min
Response: 509227
Conc: 4.89 ng/ml



#18 AR-1242-3

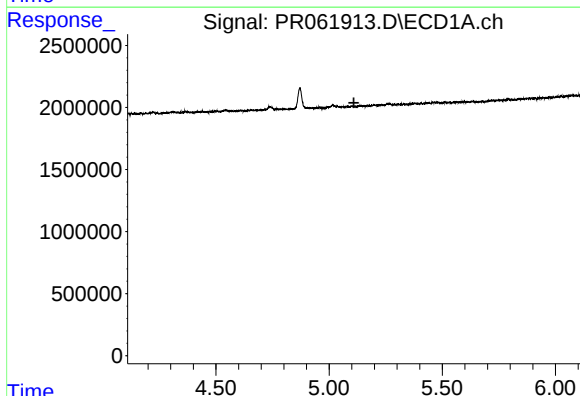
R.T.: 5.016 min
Delta R.T.: 0.009 min
Response: 518066
Conc: 10.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



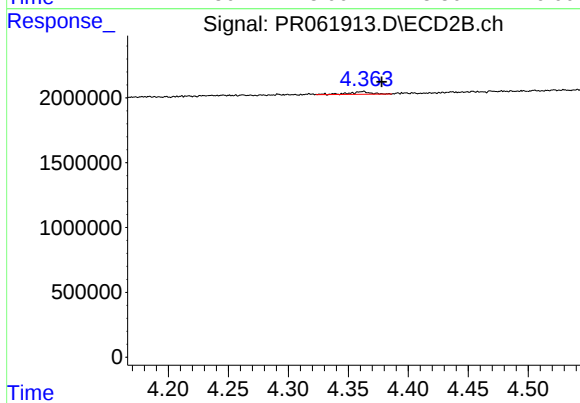
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



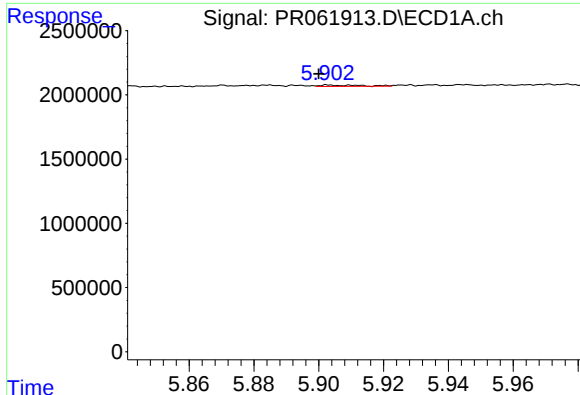
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.109 min
Response: 0
Conc: N.D.



#19 AR-1242-4

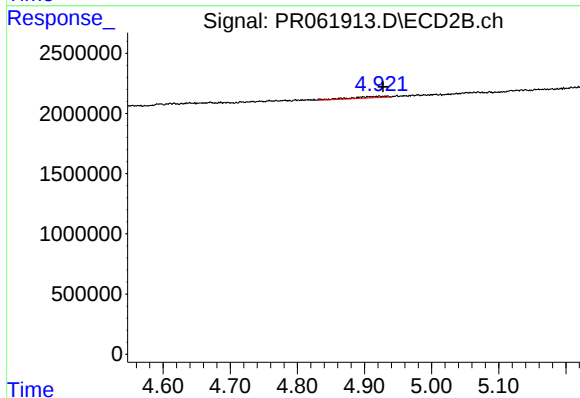
R.T.: 4.362 min
Delta R.T.: -0.016 min
Response: 257108
Conc: 4.33 ng/ml



#20 AR-1242-5

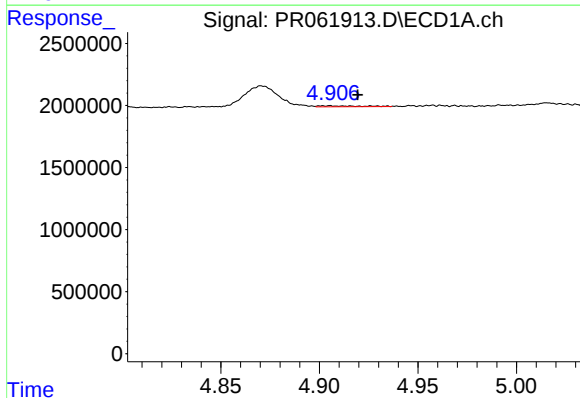
R.T.: 5.903 min
Delta R.T.: 0.003 min
Response: 88075
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



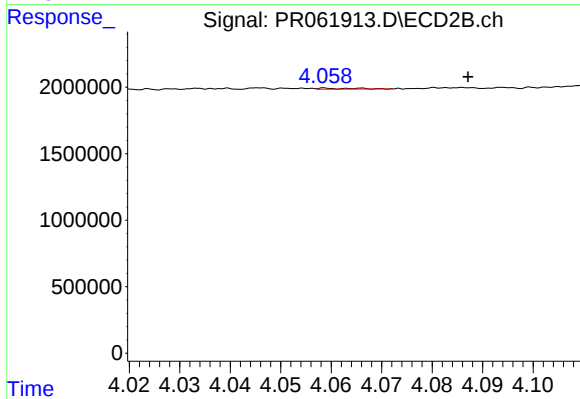
#20 AR-1242-5

R.T.: 4.922 min
Delta R.T.: -0.005 min
Response: 481625
Conc: 6.13 ng/ml



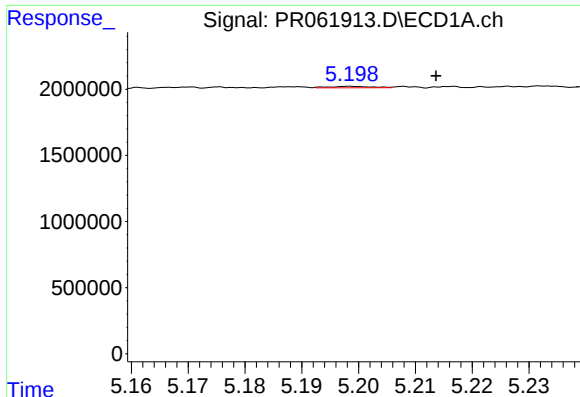
#21 AR-1248-1

R.T.: 4.906 min
Delta R.T.: -0.014 min
Response: 110899
Conc: 2.59 ng/ml



#21 AR-1248-1

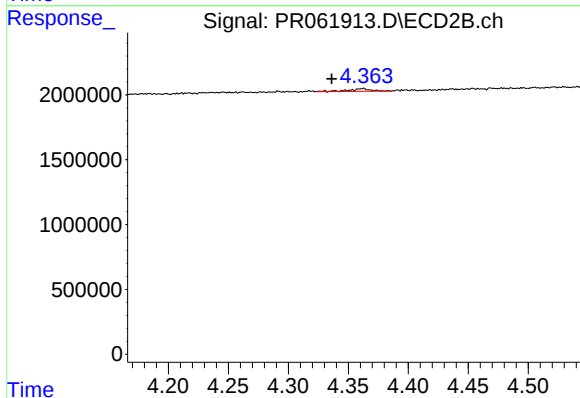
R.T.: 4.059 min
Delta R.T.: -0.029 min
Response: 37079
Conc: 0.61 ng/ml



#22 AR-1248-2

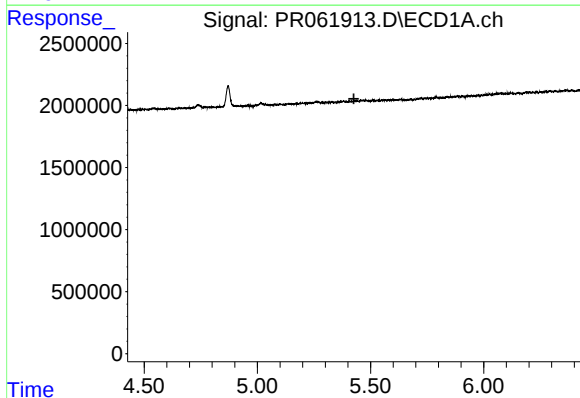
R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 60189
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



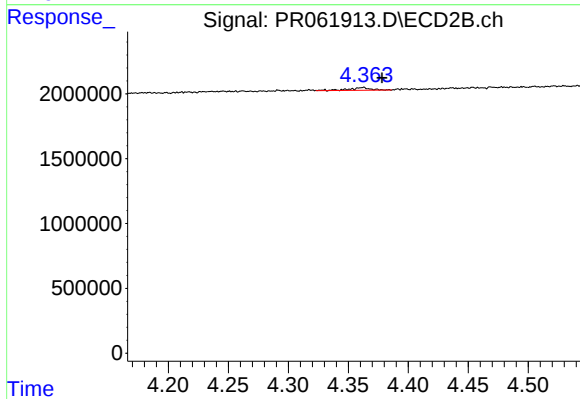
#22 AR-1248-2

R.T.: 4.362 min
Delta R.T.: 0.026 min
Response: 257108
Conc: 2.98 ng/ml



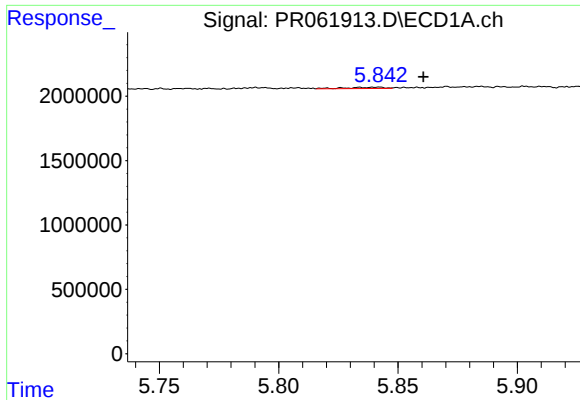
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.427 min
Response: 0
Conc: N.D.



#23 AR-1248-3

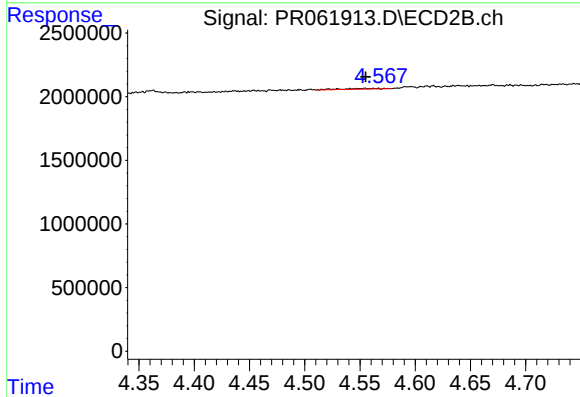
R.T.: 4.362 min
Delta R.T.: -0.016 min
Response: 257108
Conc: 2.89 ng/ml



#24 AR-1248-4

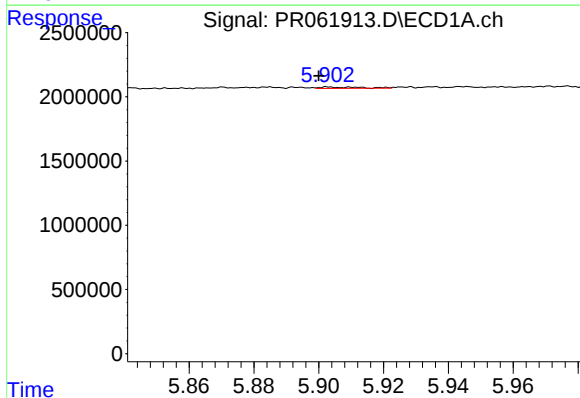
R.T.: 5.842 min
Delta R.T.: -0.019 min
Response: 108412
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



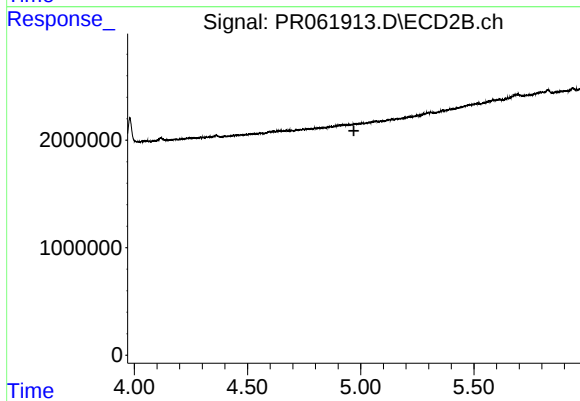
#24 AR-1248-4

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 129989
Conc: 1.20 ng/ml



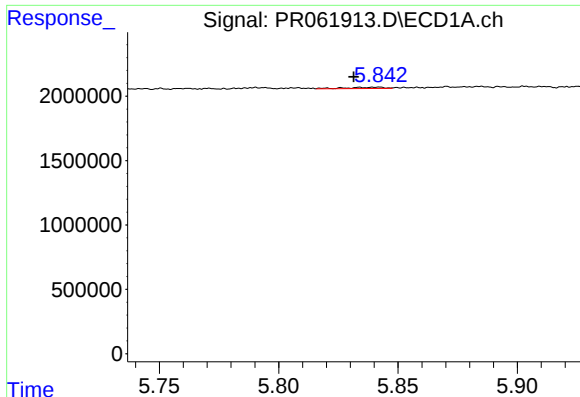
#25 AR-1248-5

R.T.: 5.903 min
Delta R.T.: 0.003 min
Response: 88075
Conc: 1.24 ng/ml



#25 AR-1248-5

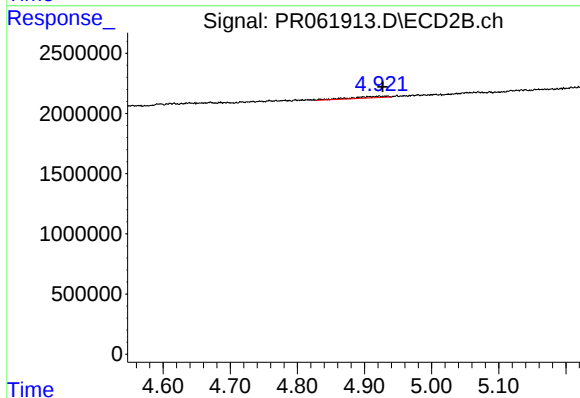
R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



#26 AR-1254-1

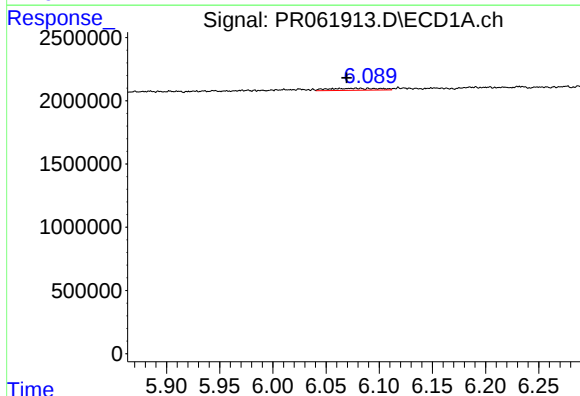
R.T.: 5.842 min
Delta R.T.: 0.010 min
Response: 108412
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



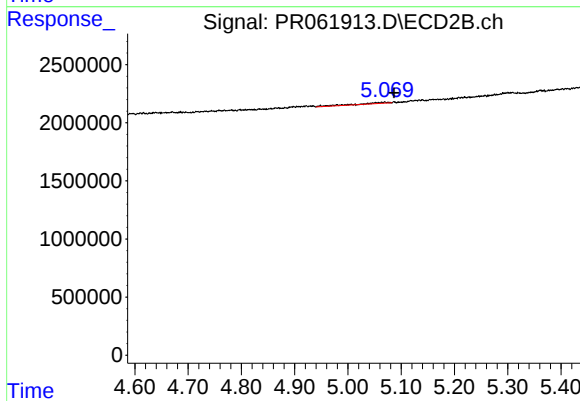
#26 AR-1254-1

R.T.: 4.922 min
Delta R.T.: -0.005 min
Response: 481625
Conc: 3.02 ng/ml



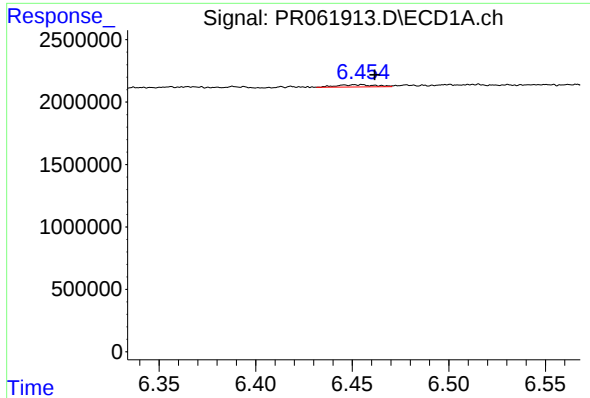
#27 AR-1254-2

R.T.: 6.078 min
Delta R.T.: 0.009 min
Response: 535917
Conc: 4.56 ng/ml



#27 AR-1254-2

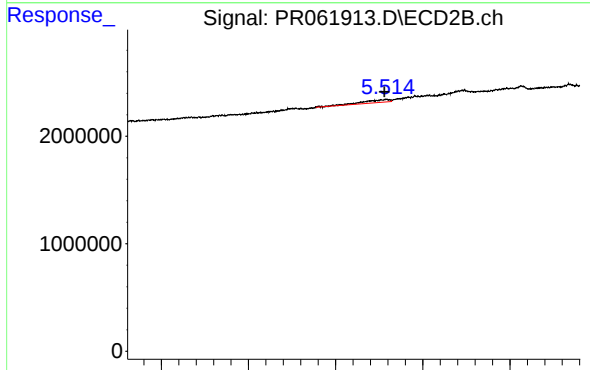
R.T.: 5.069 min
Delta R.T.: -0.018 min
Response: 355861
Conc: 2.45 ng/ml



#28 AR-1254-3

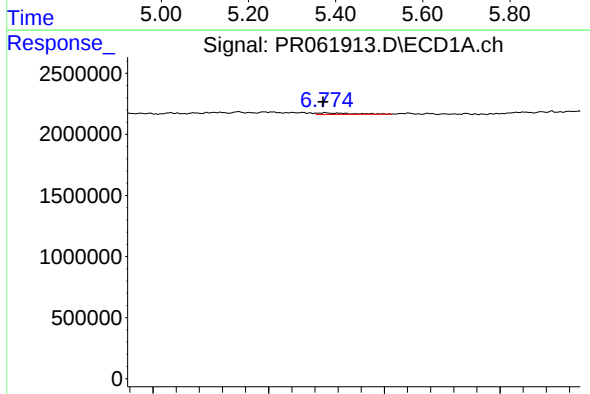
R.T.: 6.455 min
Delta R.T.: -0.007 min
Response: 258216
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



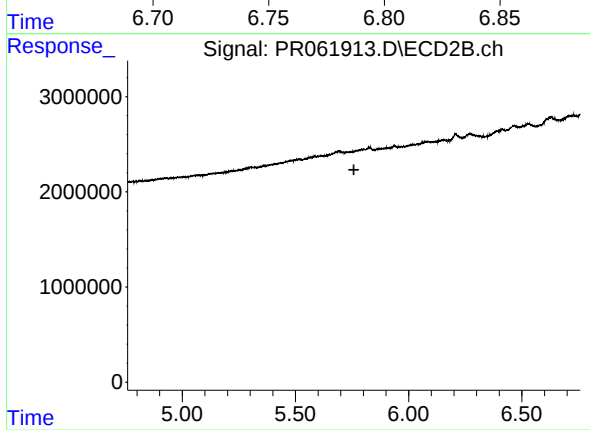
#28 AR-1254-3

R.T.: 5.516 min
Delta R.T.: 0.004 min
Response: 1086771
Conc: 4.59 ng/ml



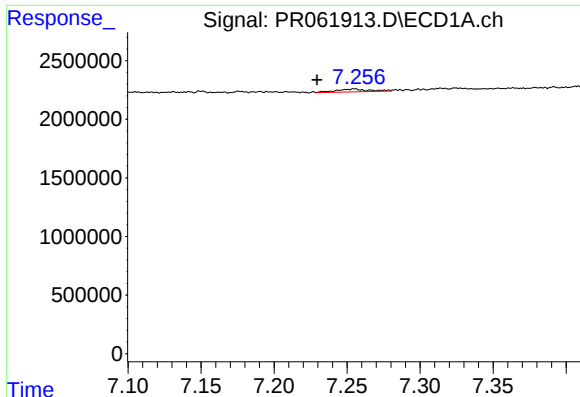
#29 AR-1254-4

R.T.: 6.775 min
Delta R.T.: 0.001 min
Response: 119587
Conc: 1.50 ng/ml



#29 AR-1254-4

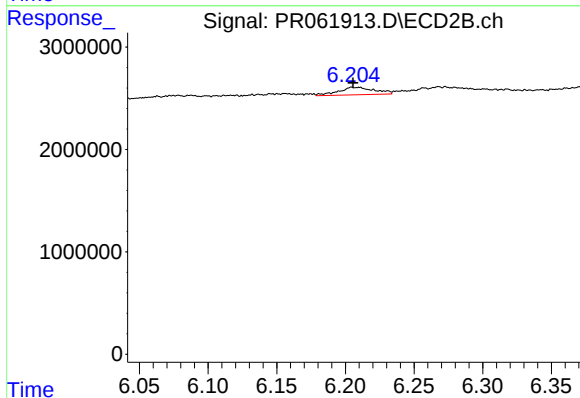
R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#30 AR-1254-5

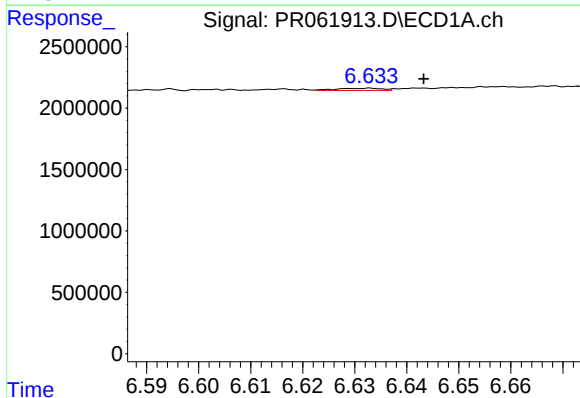
R.T.: 7.255 min
Delta R.T.: 0.026 min
Response: 389920
Conc: 4.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



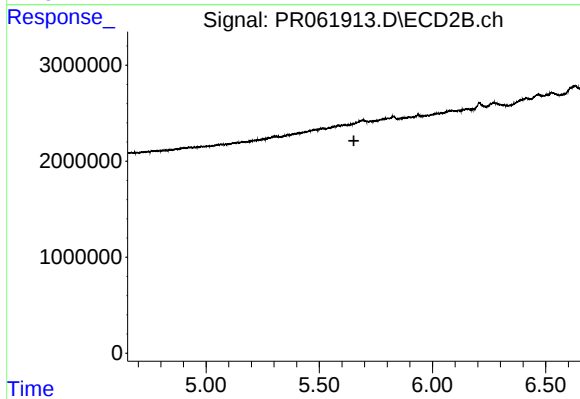
#30 AR-1254-5

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 1335924
Conc: 5.45 ng/ml



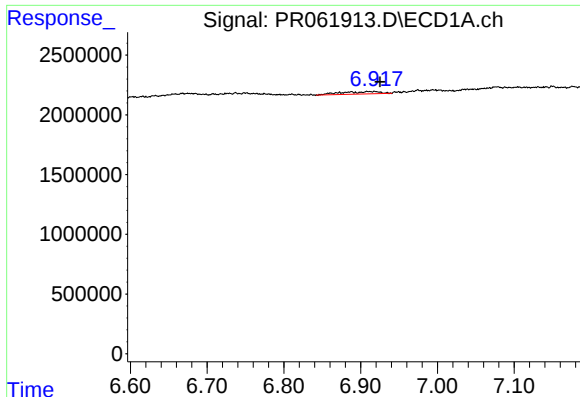
#31 AR-1260-1

R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 107594
Conc: 1.08 ng/ml



#31 AR-1260-1

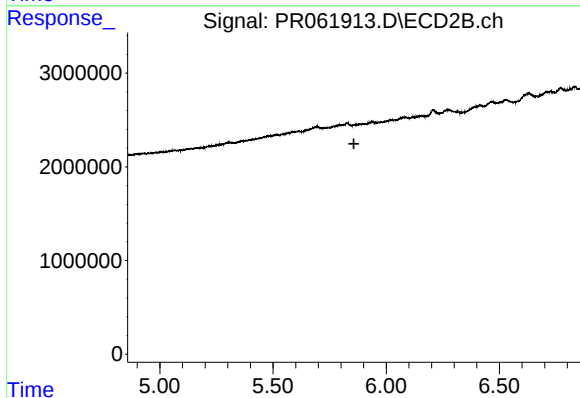
R.T.: 0.000 min
Exp R.T.: 5.653 min
Response: 0
Conc: N.D.



#32 AR-1260-2

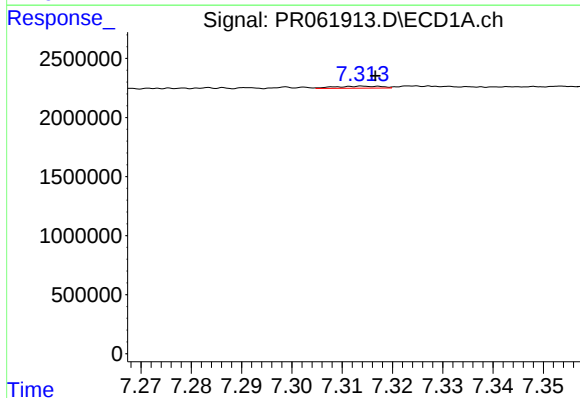
R.T.: 6.909 min
Delta R.T.: -0.016 min
Response: 735083
Conc: 6.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



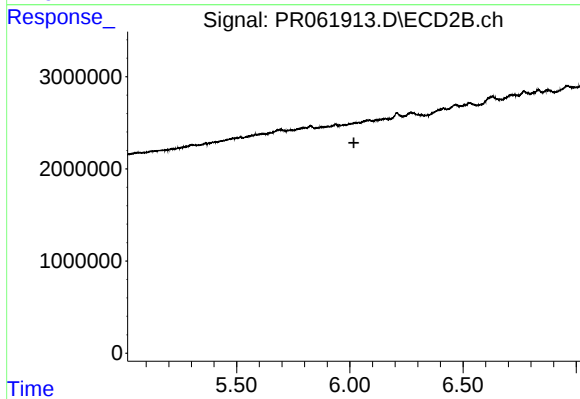
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 5.857 min
Response: 0
Conc: N.D.



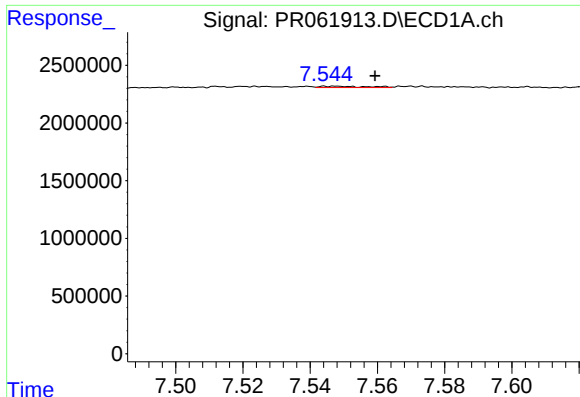
#33 AR-1260-3

R.T.: 7.314 min
Delta R.T.: -0.002 min
Response: 113573
Conc: 1.64 ng/ml



#33 AR-1260-3

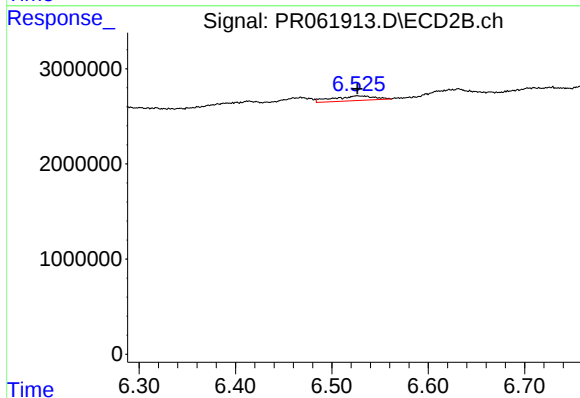
R.T.: 0.000 min
Exp R.T. : 6.018 min
Response: 0
Conc: N.D.



#34 AR-1260-4

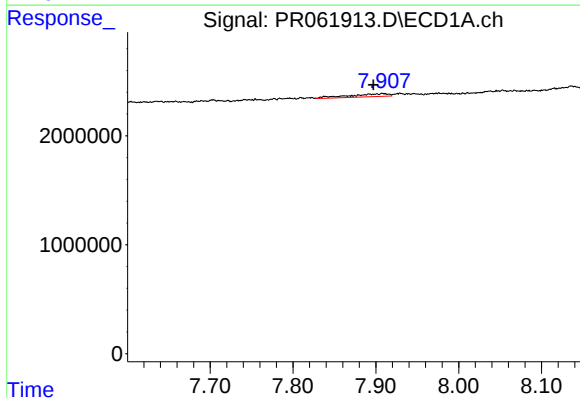
R.T.: 7.547 min
Delta R.T.: -0.012 min
Response: 118081
Conc: 1.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



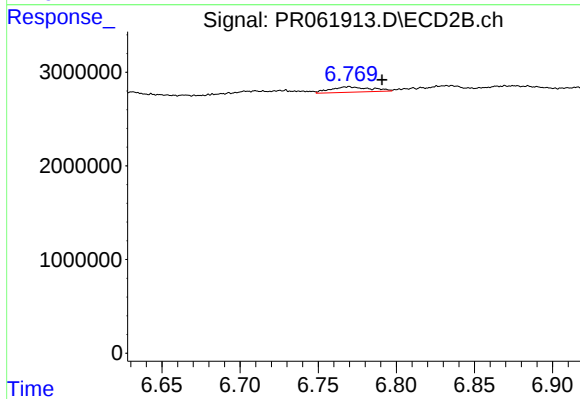
#34 AR-1260-4

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 1495845
Conc: 9.47 ng/ml



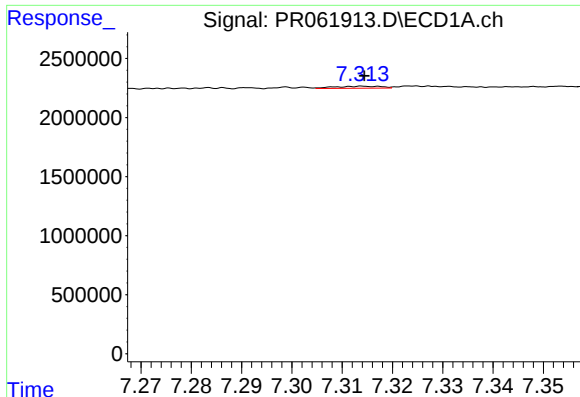
#35 AR-1260-5

R.T.: 7.908 min
Delta R.T.: 0.011 min
Response: 895309
Conc: 6.36 ng/ml



#35 AR-1260-5

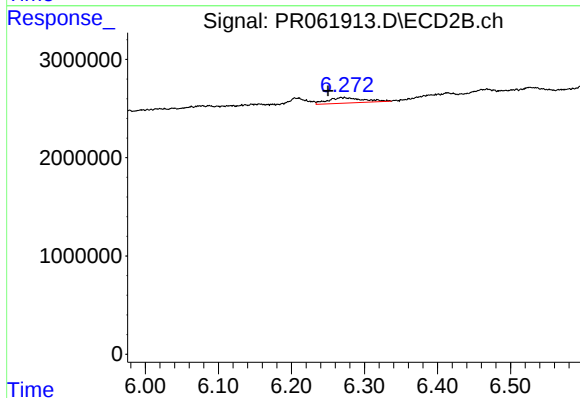
R.T.: 6.770 min
Delta R.T.: -0.021 min
Response: 1032345
Conc: 2.78 ng/ml



#36 AR-1262-1

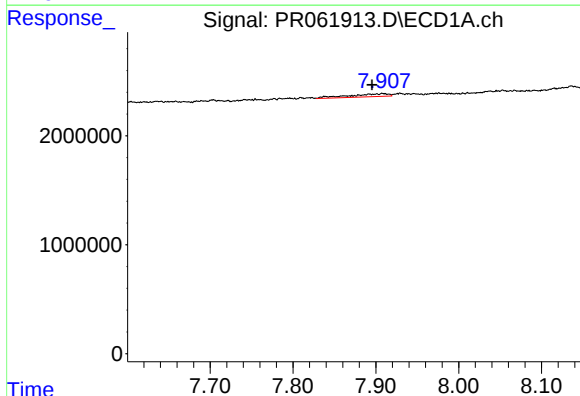
R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 113573
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



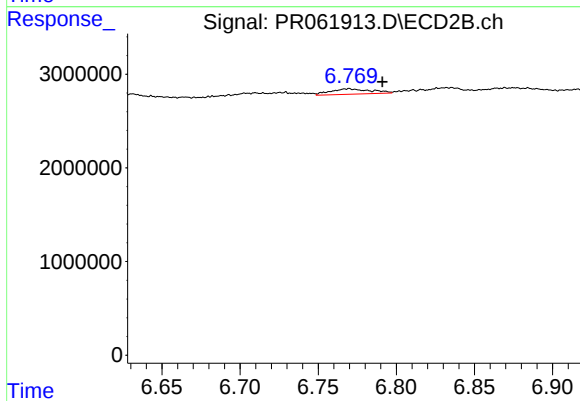
#36 AR-1262-1

R.T.: 6.269 min
Delta R.T.: 0.019 min
Response: 1873543
Conc: 7.90 ng/ml



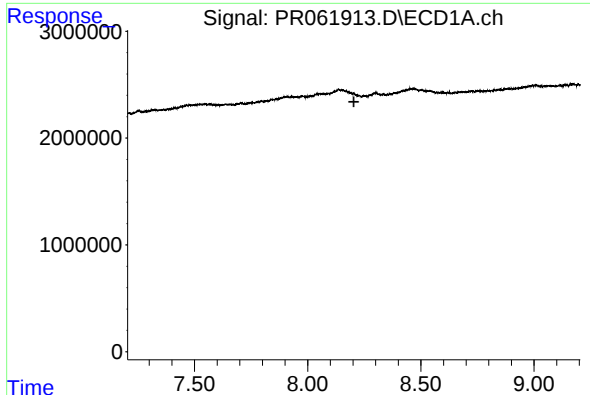
#37 AR-1262-2

R.T.: 7.908 min
Delta R.T.: 0.013 min
Response: 895309
Conc: 5.39 ng/ml



#37 AR-1262-2

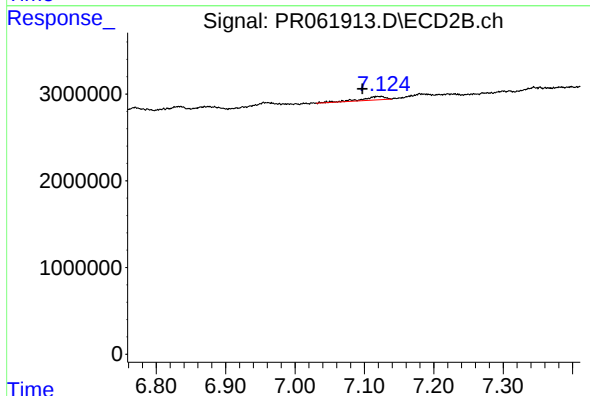
R.T.: 6.770 min
Delta R.T.: -0.021 min
Response: 1032345
Conc: 2.35 ng/ml



#38 AR-1262-3

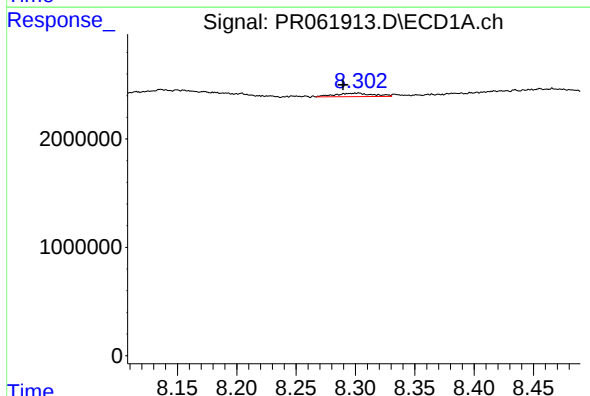
R.T.: 0.000 min
Exp R.T.: 8.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



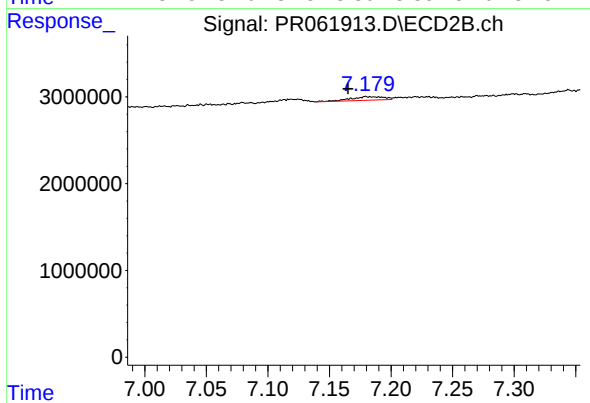
#38 AR-1262-3

R.T.: 7.122 min
Delta R.T.: 0.024 min
Response: 932204
Conc: 4.95 ng/ml



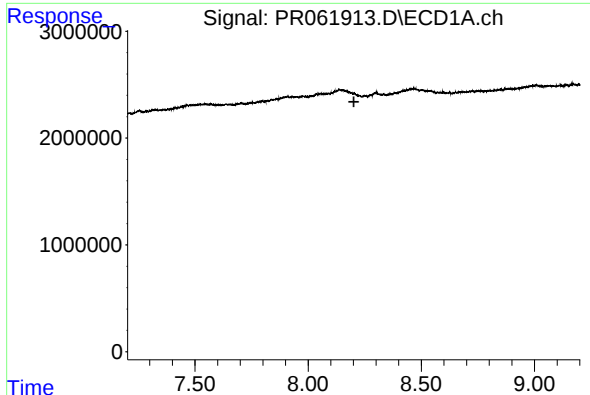
#39 AR-1262-4

R.T.: 8.302 min
Delta R.T.: 0.013 min
Response: 703411
Conc: 7.88 ng/ml



#39 AR-1262-4

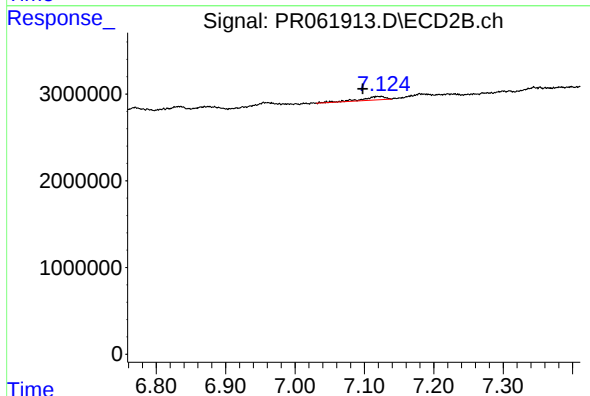
R.T.: 7.182 min
Delta R.T.: 0.017 min
Response: 786769
Conc: 2.34 ng/ml



#41 AR-1268-1

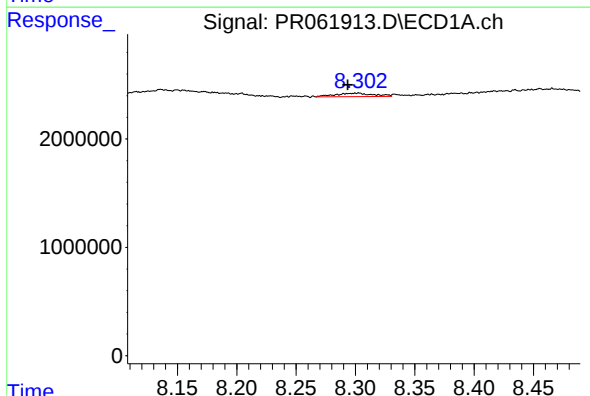
R.T.: 0.000 min
Exp R.T.: 8.202 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



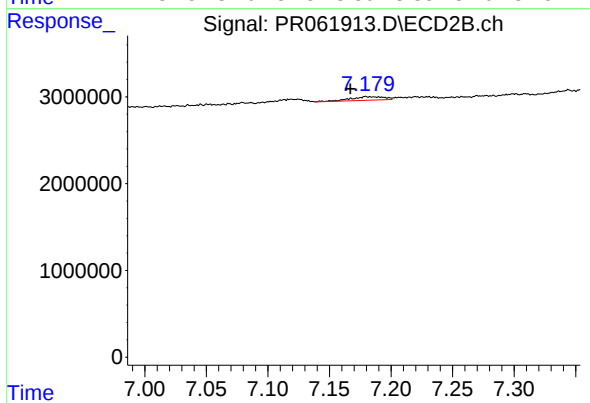
#41 AR-1268-1

R.T.: 7.122 min
Delta R.T.: 0.024 min
Response: 932204
Conc: 1.81 ng/ml



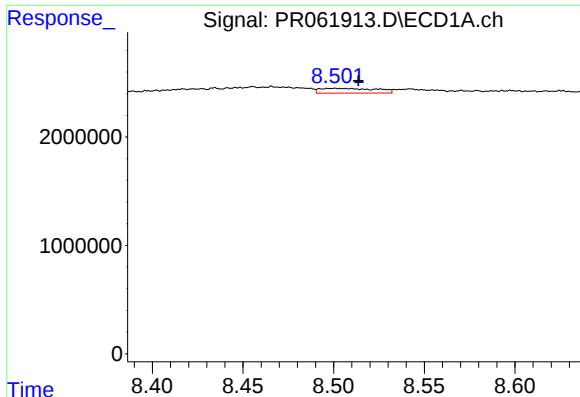
#42 AR-1268-2

R.T.: 8.302 min
Delta R.T.: 0.008 min
Response: 703411
Conc: 3.86 ng/ml



#42 AR-1268-2

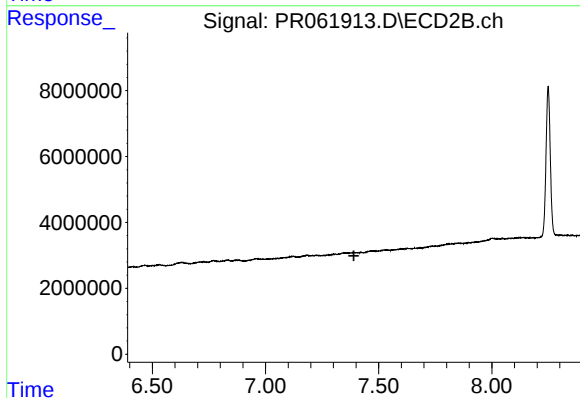
R.T.: 7.182 min
Delta R.T.: 0.015 min
Response: 786769
Conc: 1.65 ng/ml



#43 AR-1268-3

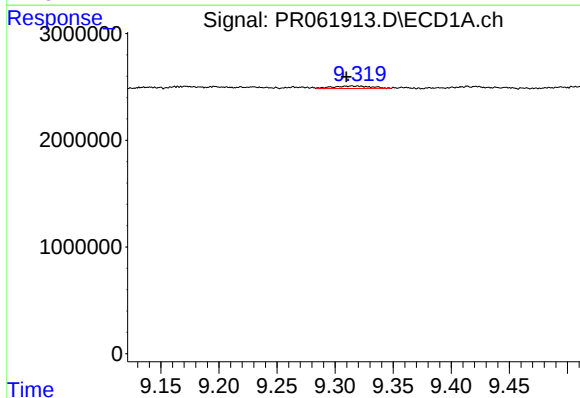
R.T.: 8.500 min
Delta R.T.: -0.013 min
Response: 948240
Conc: 6.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



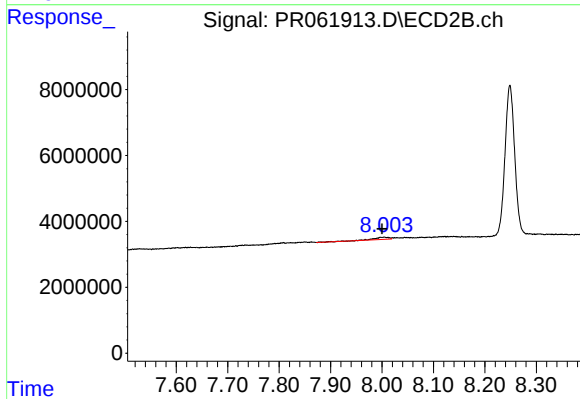
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.390 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.315 min
Delta R.T.: 0.006 min
Response: 536733
Conc: 1.17 ng/ml



#45 AR-1268-5

R.T.: 8.003 min
Delta R.T.: 0.003 min
Response: 1403706
Conc: 1.09 ng/ml