

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101123\
 Data File : PR063957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 09:56
 Operator : AJ\MA
 Sample : 04699-03
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 22:13:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 10 14:16:46 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...	3.736	3.024	120.3E6	76377902	19.056	19.540
2)	SA Decachlor...	9.760	8.427	101.4E6	62234243	21.486	20.414
Target Compounds							
3)	L1 AR-1016-1	4.976	4.175	1936112	3792171	9.243	26.644 #
4)	L1 AR-1016-2	5.011	4.175f	1393131	3792171	4.477	19.406 #
5)	L1 AR-1016-3	5.075	4.384	2683058	9566672	14.007	86.353 #
6)	L1 AR-1016-4	5.154f	4.456f	264567	25699103	1.764	293.188 #
7)	L1 AR-1016-5	0.000	4.648	0	17806527	N.D.	161.492 #
8)	L2 AR-1221-1	3.964	3.257	1975377	1195768	26.678	24.776
9)	L2 AR-1221-2	4.054	3.339	2153320	1477527	40.904	39.898
10)	L2 AR-1221-3	4.132	3.424	4805696	3374137	28.569	30.417
11)	L3 AR-1232-1	4.132	3.424	4805696	3374137	37.751	39.621
12)	L3 AR-1232-2	4.671f	4.175f	926171	3792171	12.644	43.500 #
13)	L3 AR-1232-3	5.011	4.384	1393131	9566672	10.032	198.531 #
14)	L3 AR-1232-4	5.154f	4.456f	264567	25699103	3.770	615.480 #
15)	L3 AR-1232-5	5.285	4.648	1113810	17806527	21.743	372.543 #
16)	L4 AR-1242-1	4.976	4.175	1936112	3792171	12.344	35.208 #
17)	L4 AR-1242-2	5.011	4.175f	1393131	3792171	5.878	25.795 #
18)	L4 AR-1242-3	5.075	4.384	2683058	9566672	17.766	117.168 #
19)	L4 AR-1242-4	5.154f	4.456f	264567	25699103	2.190	318.864 #
20)	L4 AR-1242-5	5.979	5.060f	52139395	103.0E6	421.566	993.440 #
21)	L5 AR-1248-1	4.976	4.175	1936112	3792171	15.989	45.048 #
22)	L5 AR-1248-2	5.285	4.456f	1113810	25699103	6.535	221.989 #
23)	L5 AR-1248-3	0.000	4.456f	0	25699103	N.D.	217.107 #
24)	L5 AR-1248-4	0.000	4.648	0	17806527	N.D.	125.382 #
25)	L5 AR-1248-5	5.979	5.060f	52139395	103.0E6	237.046	740.374 #
26)	L6 AR-1254-1	5.898	5.060f	82349785	103.0E6	376.057	504.996 #
27)	L6 AR-1254-2	6.121f	0.000	47153446	0	140.598	N.D. #
28)	L6 AR-1254-3	6.519	5.615f	48055319	35634041	142.415	122.812
29)	L6 AR-1254-4	6.873f	5.889	-5031433	9001784	N.D.	49.950 #
30)	L6 AR-1254-5	7.297	6.338	4716759	902650	17.309	3.366 #
31)	L7 AR-1260-1	6.708	5.770	1976440	12091028	7.204	56.435 #
32)	L7 AR-1260-2	7.026f	0.000	6261203	0	19.526	N.D. #
33)	L7 AR-1260-3	7.399	6.171f	422768	18358948	2.160	72.832 #
34)	L7 AR-1260-4	7.645	0.000	276645	0	1.139	N.D. #
36)	L8 AR-1262-1	7.399	6.457	422768	1110430	1.297	10.255 #
38)	L8 AR-1262-3	8.291	7.232f	880196	178.5E6	2.349	1038.137 #
39)	L8 AR-1262-4	8.368f	0.000	833913	0	2.944	N.D. #
40)	L8 AR-1262-5	9.028	0.000	7760106	0	37.789	N.D. #
41)	L9 AR-1268-1	8.291	7.232f	880196	178.5E6	1.362	368.796 #
42)	L9 AR-1268-2	8.368f	0.000	833913	0	1.442	N.D. #
43)	L9 AR-1268-3	8.620	7.538	3845621	433511	7.377	1.157 #

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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
44) L9	AR-1268-4	9.028	0.000	7760106	0	35.333	N.D. #
45) L9	AR-1268-5	9.439	8.160	717319	1036969	0.432	0.936 #

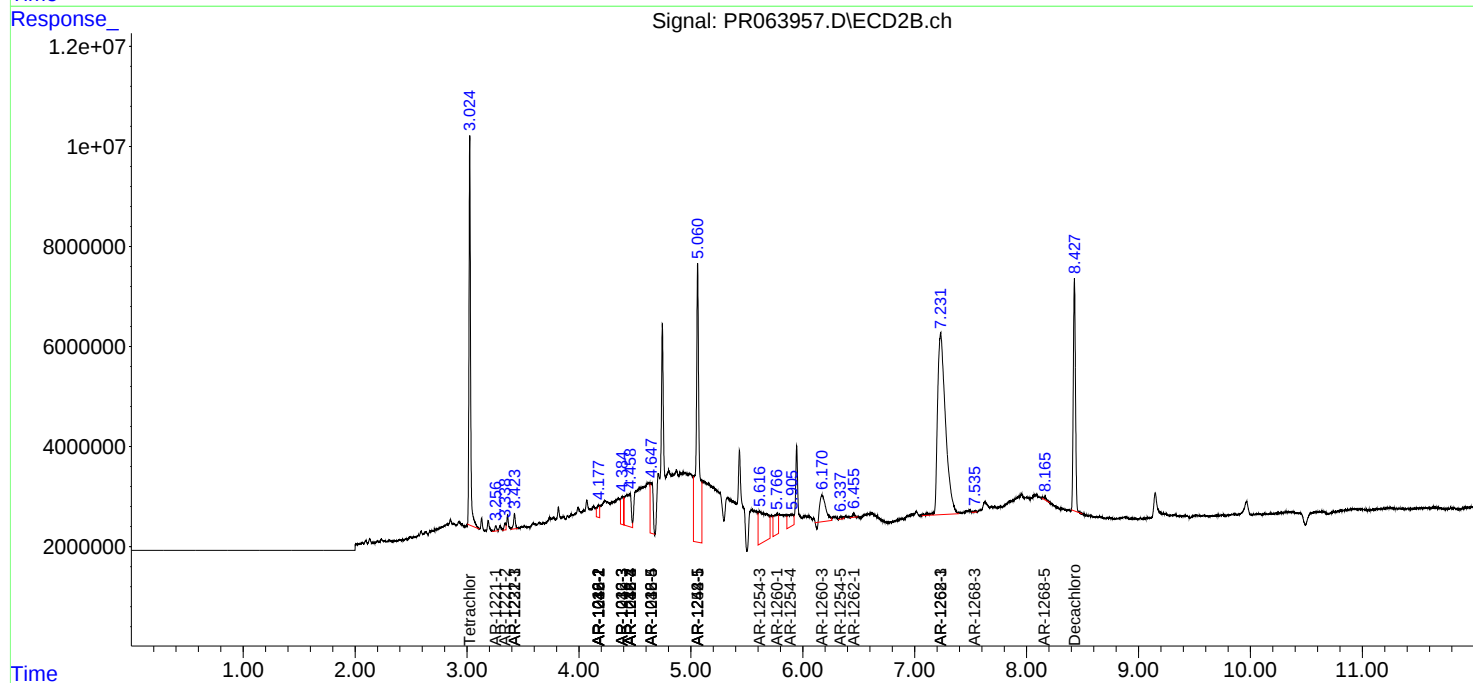
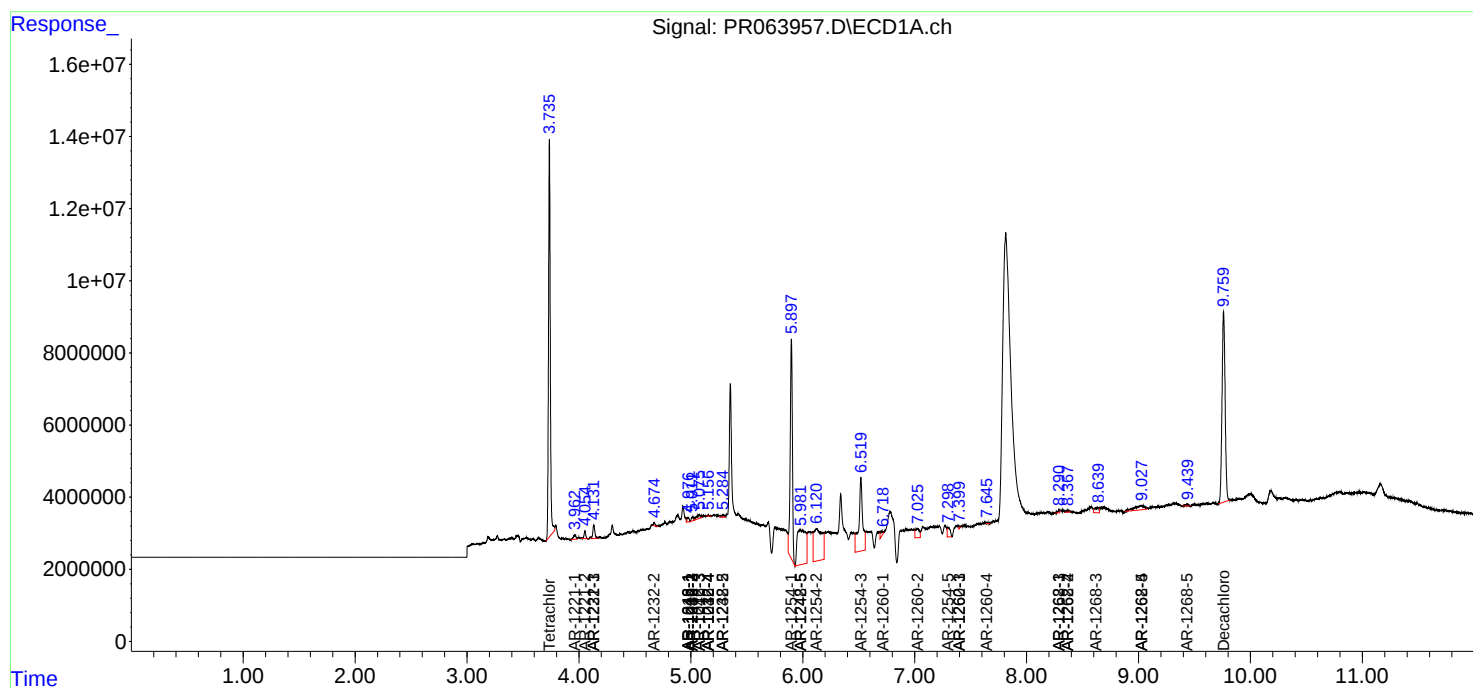
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

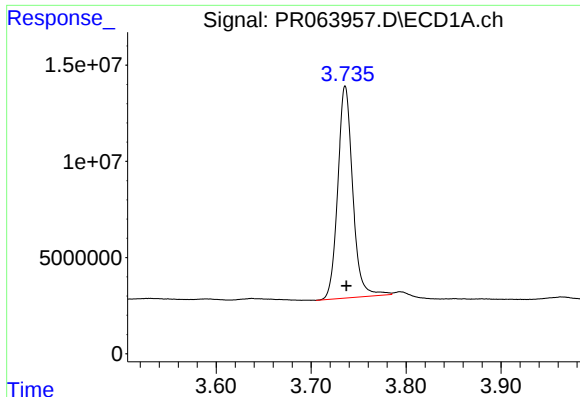
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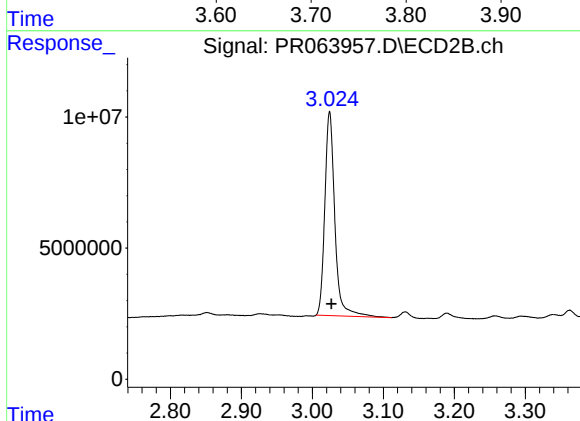




#1 Tetrachloro-m-xylene

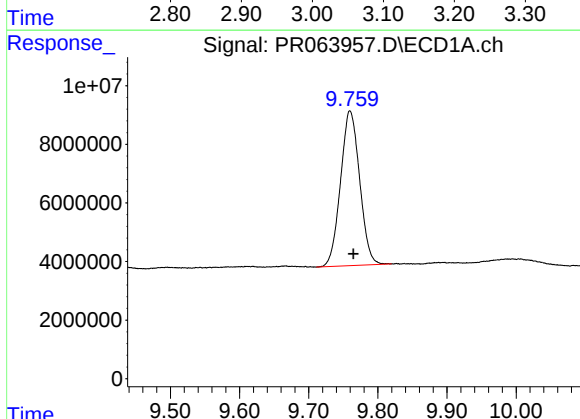
R.T.: 3.736 min
Delta R.T.: -0.001 min
Response: 120256663
Conc: 19.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



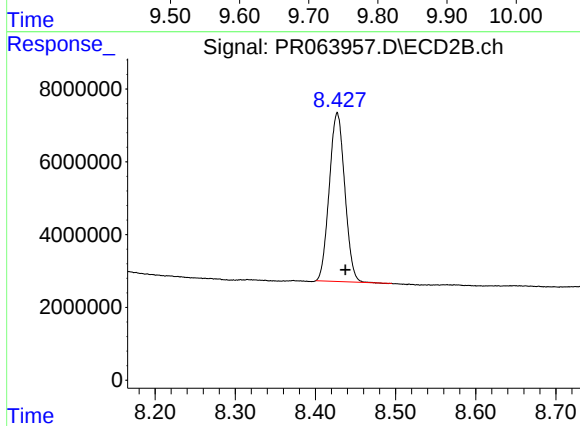
#1 Tetrachloro-m-xylene

R.T.: 3.024 min
Delta R.T.: -0.003 min
Response: 76377902
Conc: 19.54 ng/ml



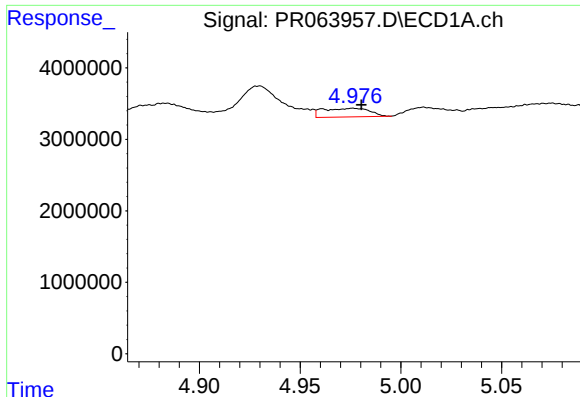
#2 Decachlorobiphenyl

R.T.: 9.760 min
Delta R.T.: -0.005 min
Response: 101389164
Conc: 21.49 ng/ml



#2 Decachlorobiphenyl

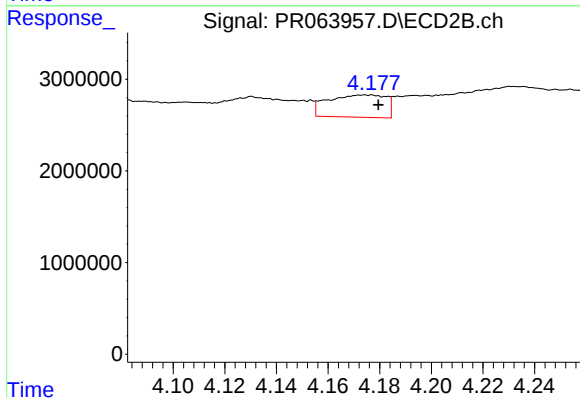
R.T.: 8.427 min
Delta R.T.: -0.010 min
Response: 62234243
Conc: 20.41 ng/ml



#3 AR-1016-1

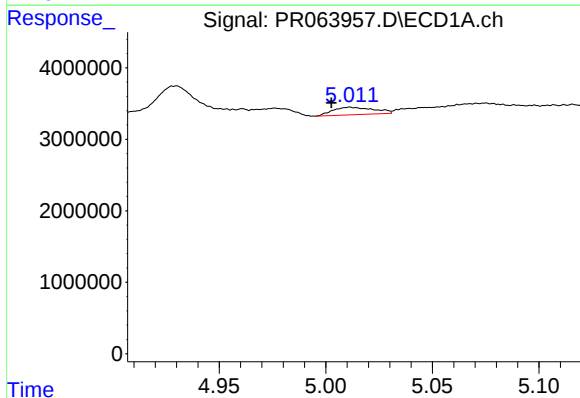
R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 1936112
Conc: 9.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



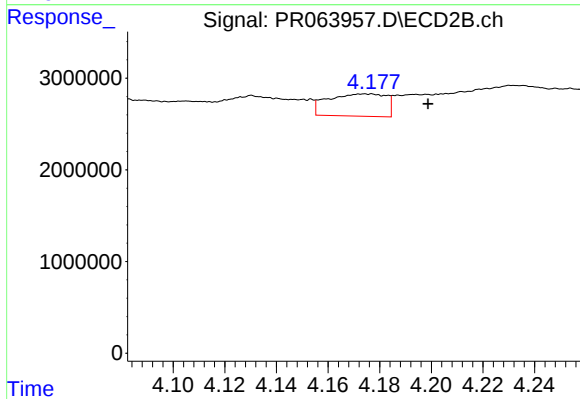
#3 AR-1016-1

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 3792171
Conc: 26.64 ng/ml



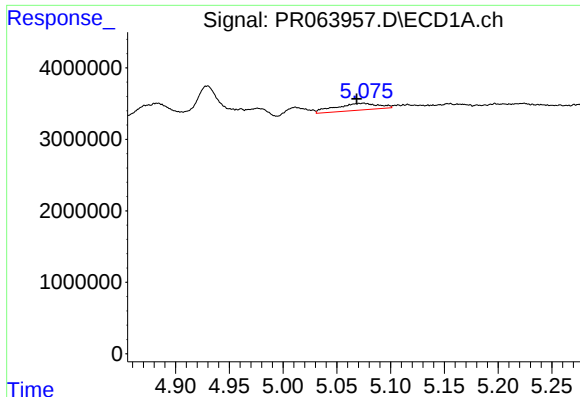
#4 AR-1016-2

R.T.: 5.011 min
Delta R.T.: 0.009 min
Response: 1393131
Conc: 4.48 ng/ml



#4 AR-1016-2

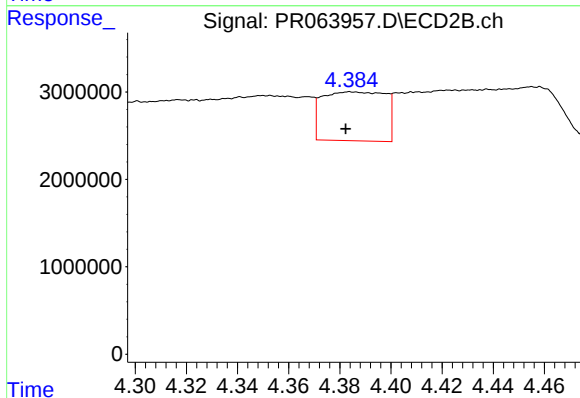
R.T.: 4.175 min
Delta R.T.: -0.024 min
Response: 3792171
Conc: 19.41 ng/ml



#5 AR-1016-3

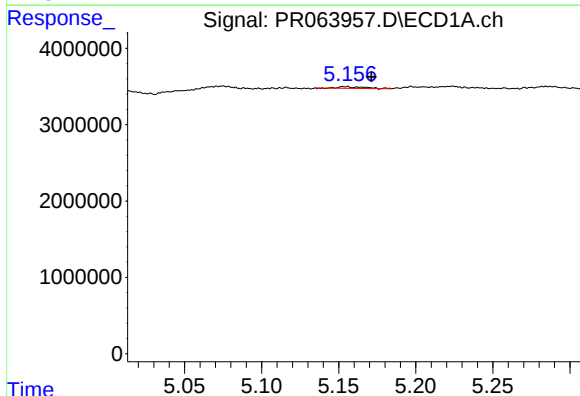
R.T.: 5.075 min
Delta R.T.: 0.006 min
Response: 2683058
Conc: 14.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



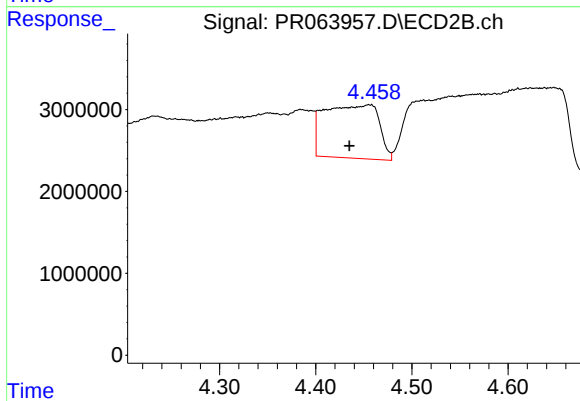
#5 AR-1016-3

R.T.: 4.384 min
Delta R.T.: 0.002 min
Response: 9566672
Conc: 86.35 ng/ml



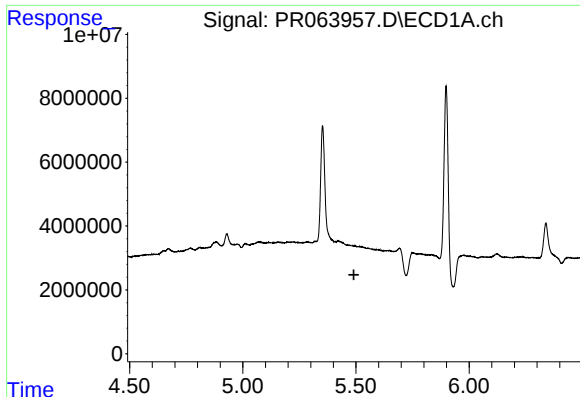
#6 AR-1016-4

R.T.: 5.154 min
Delta R.T.: -0.017 min
Response: 264567
Conc: 1.76 ng/ml



#6 AR-1016-4

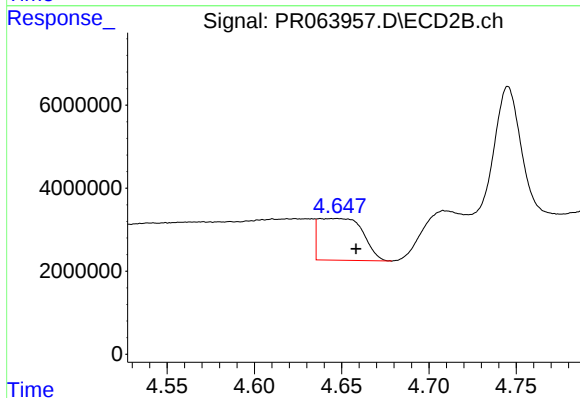
R.T.: 4.456 min
Delta R.T.: 0.021 min
Response: 25699103
Conc: 293.19 ng/ml



#7 AR-1016-5

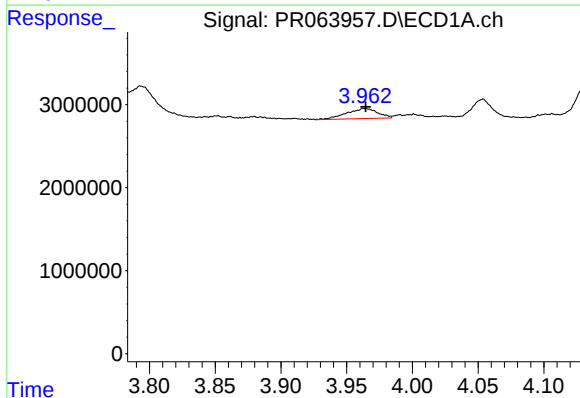
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



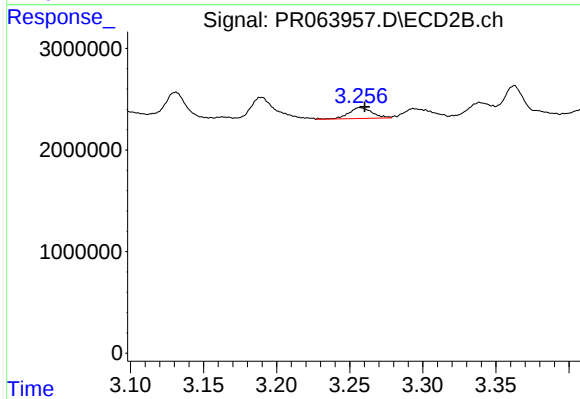
#7 AR-1016-5

R.T.: 4.648 min
Delta R.T.: -0.011 min
Response: 17806527
Conc: 161.49 ng/ml



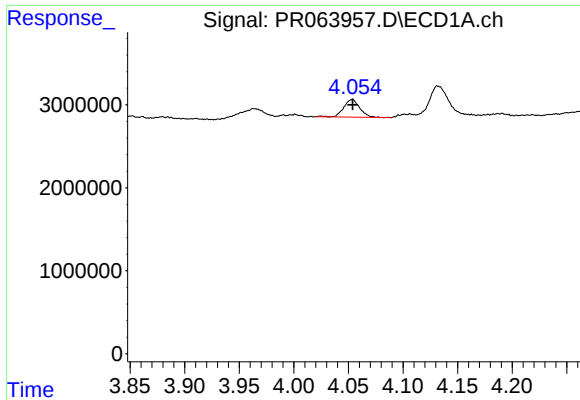
#8 AR-1221-1

R.T.: 3.964 min
Delta R.T.: -0.001 min
Response: 1975377
Conc: 26.68 ng/ml



#8 AR-1221-1

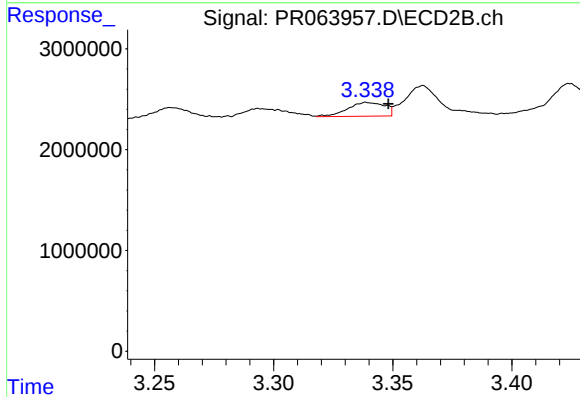
R.T.: 3.257 min
Delta R.T.: -0.003 min
Response: 1195768
Conc: 24.78 ng/ml



#9 AR-1221-2

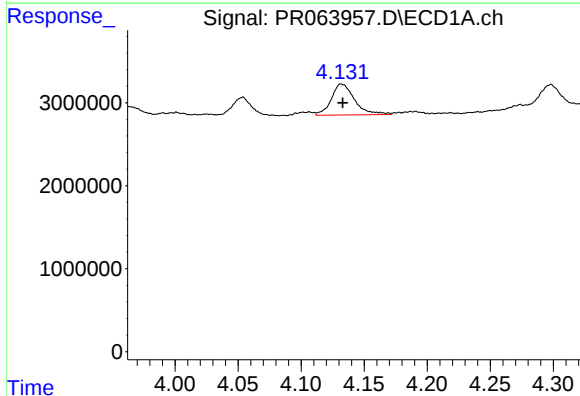
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 2153320
Conc: 40.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



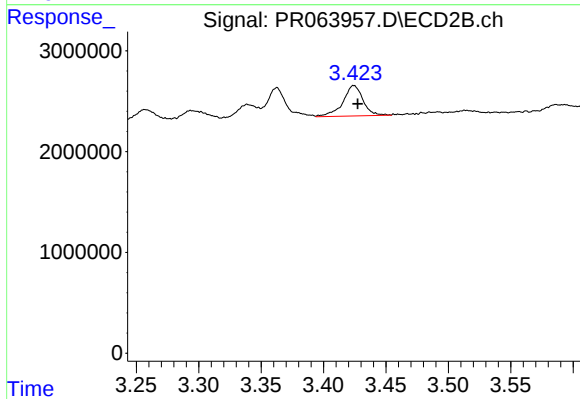
#9 AR-1221-2

R.T.: 3.339 min
Delta R.T.: -0.009 min
Response: 1477527
Conc: 39.90 ng/ml



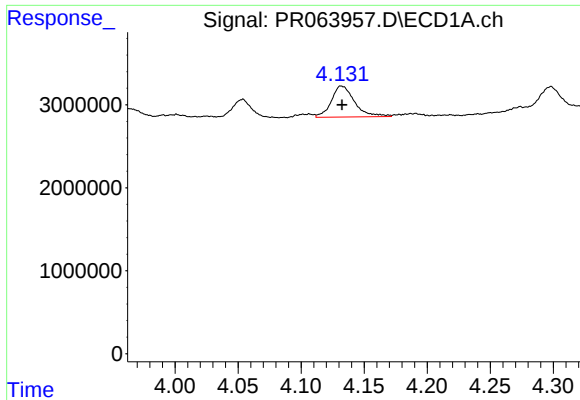
#10 AR-1221-3

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 4805696
Conc: 28.57 ng/ml



#10 AR-1221-3

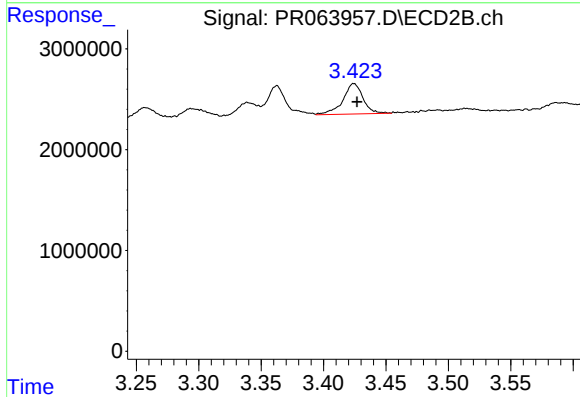
R.T.: 3.424 min
Delta R.T.: -0.003 min
Response: 3374137
Conc: 30.42 ng/ml



#11 AR-1232-1

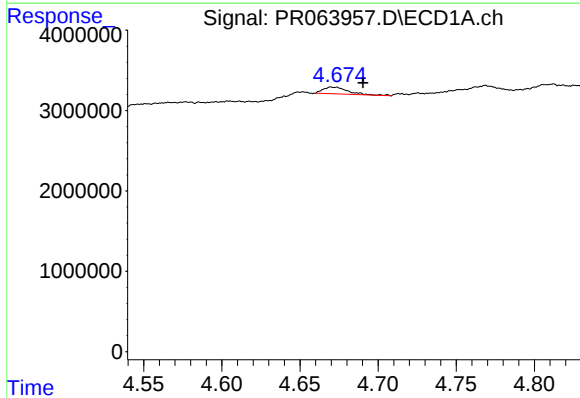
R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 4805696
Conc: 37.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



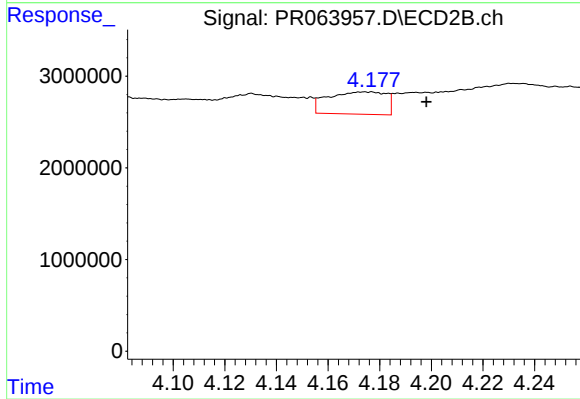
#11 AR-1232-1

R.T.: 3.424 min
Delta R.T.: -0.003 min
Response: 3374137
Conc: 39.62 ng/ml



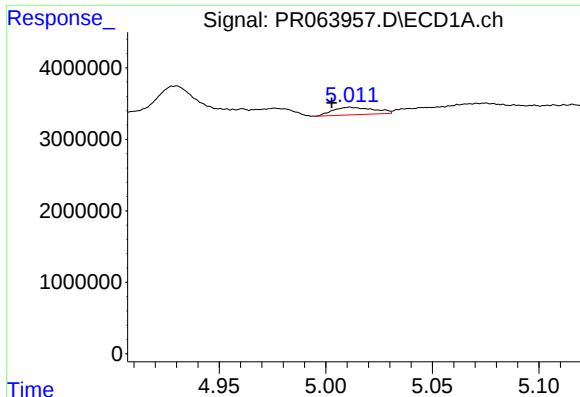
#12 AR-1232-2

R.T.: 4.671 min
Delta R.T.: -0.020 min
Response: 926171
Conc: 12.64 ng/ml



#12 AR-1232-2

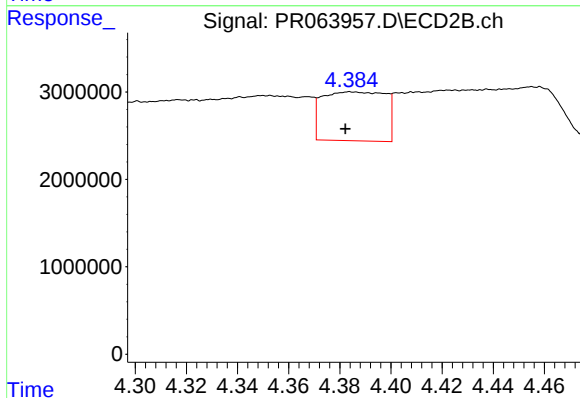
R.T.: 4.175 min
Delta R.T.: -0.024 min
Response: 3792171
Conc: 43.50 ng/ml



#13 AR-1232-3

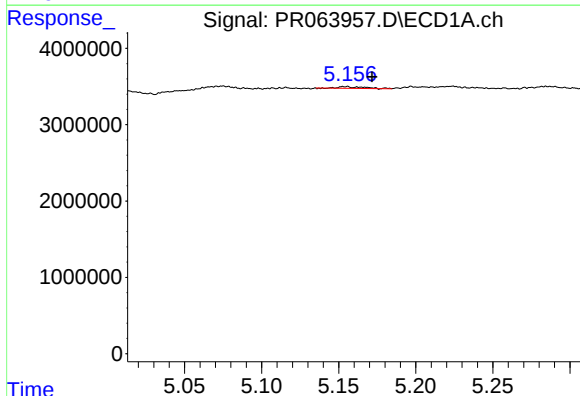
R.T.: 5.011 min
Delta R.T.: 0.009 min
Response: 1393131
Conc: 10.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



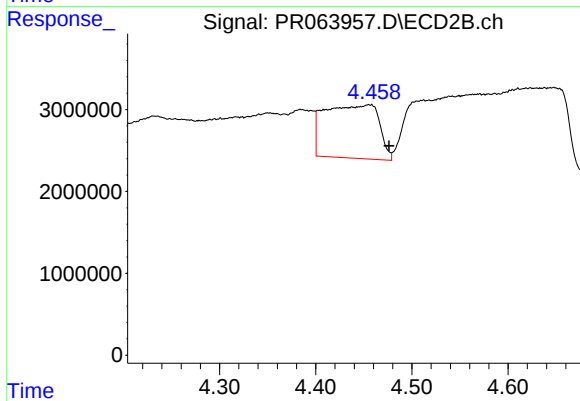
#13 AR-1232-3

R.T.: 4.384 min
Delta R.T.: 0.002 min
Response: 9566672
Conc: 198.53 ng/ml



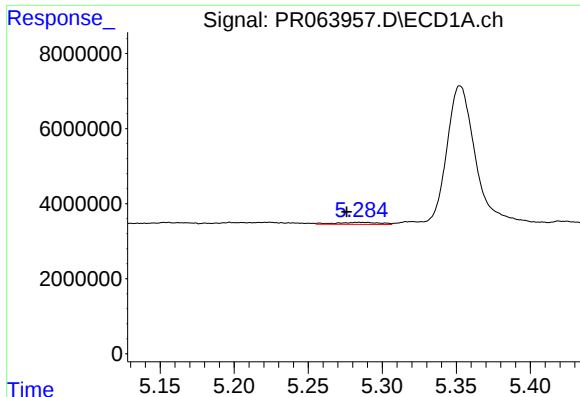
#14 AR-1232-4

R.T.: 5.154 min
Delta R.T.: -0.017 min
Response: 264567
Conc: 3.77 ng/ml



#14 AR-1232-4

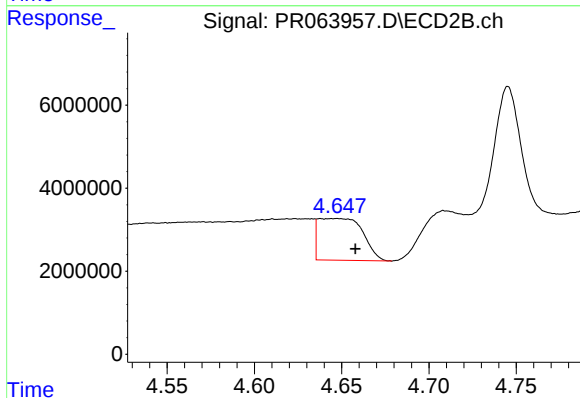
R.T.: 4.456 min
Delta R.T.: -0.021 min
Response: 25699103
Conc: 615.48 ng/ml



#15 AR-1232-5

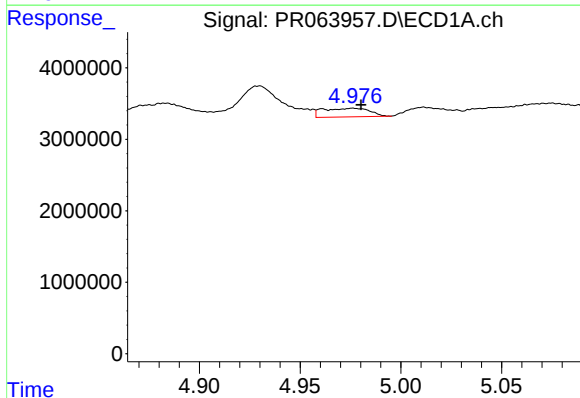
R.T.: 5.285 min
Delta R.T.: 0.009 min
Response: 1113810
Conc: 21.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



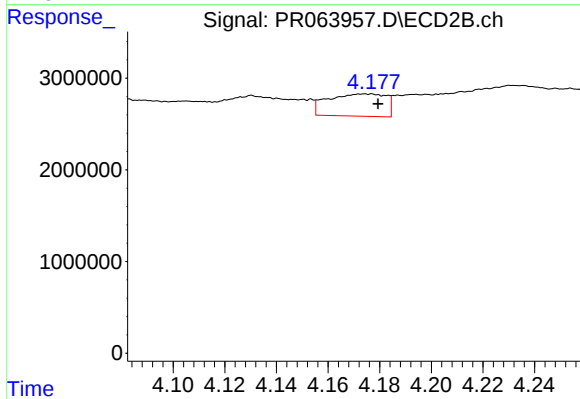
#15 AR-1232-5

R.T.: 4.648 min
Delta R.T.: -0.010 min
Response: 17806527
Conc: 372.54 ng/ml



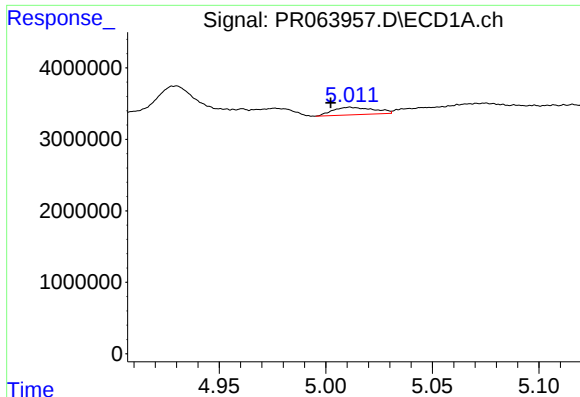
#16 AR-1242-1

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 1936112
Conc: 12.34 ng/ml



#16 AR-1242-1

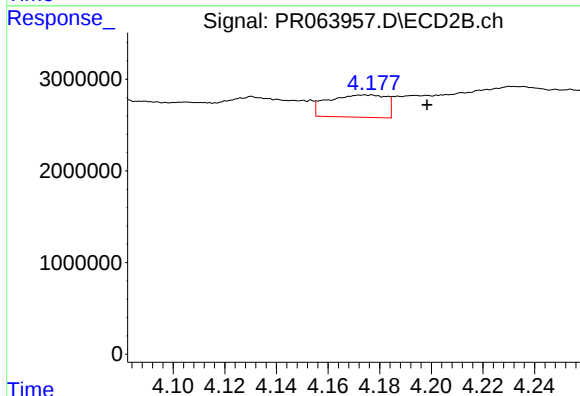
R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 3792171
Conc: 35.21 ng/ml



#17 AR-1242-2

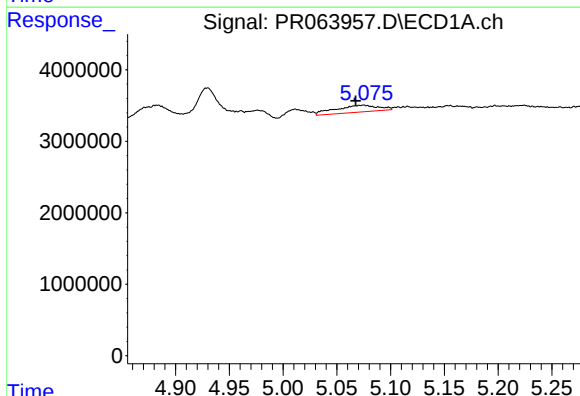
R.T.: 5.011 min
Delta R.T.: 0.009 min
Response: 1393131
Conc: 5.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



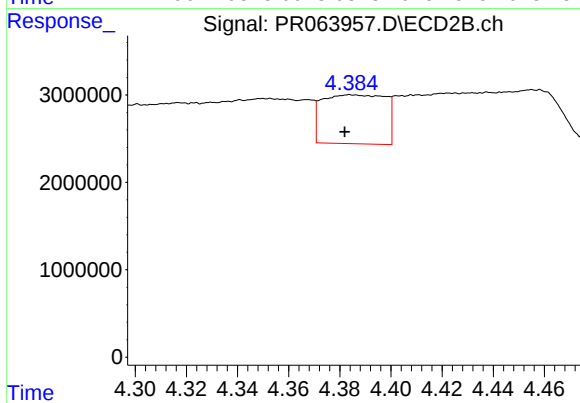
#17 AR-1242-2

R.T.: 4.175 min
Delta R.T.: -0.024 min
Response: 3792171
Conc: 25.80 ng/ml



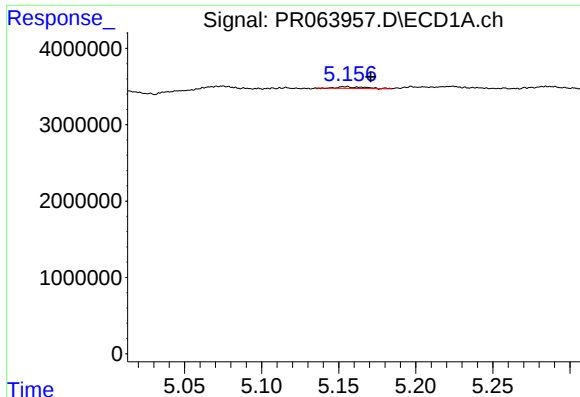
#18 AR-1242-3

R.T.: 5.075 min
Delta R.T.: 0.007 min
Response: 2683058
Conc: 17.77 ng/ml



#18 AR-1242-3

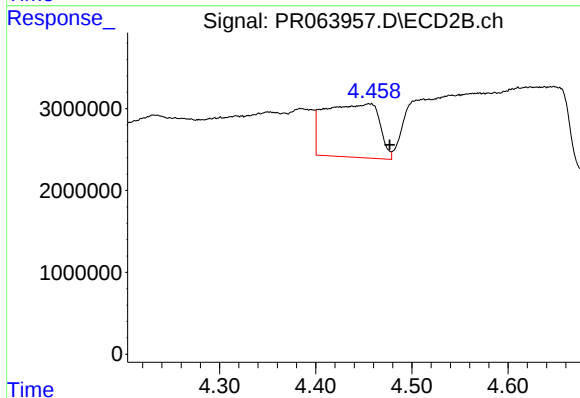
R.T.: 4.384 min
Delta R.T.: 0.002 min
Response: 9566672
Conc: 117.17 ng/ml



#19 AR-1242-4

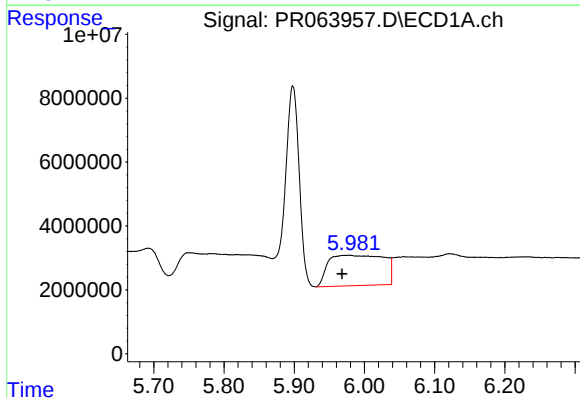
R.T.: 5.154 min
Delta R.T.: -0.016 min
Response: 264567
Conc: 2.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



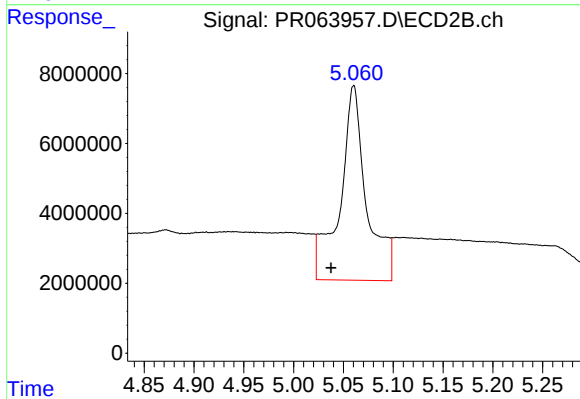
#19 AR-1242-4

R.T.: 4.456 min
Delta R.T.: -0.021 min
Response: 25699103
Conc: 318.86 ng/ml



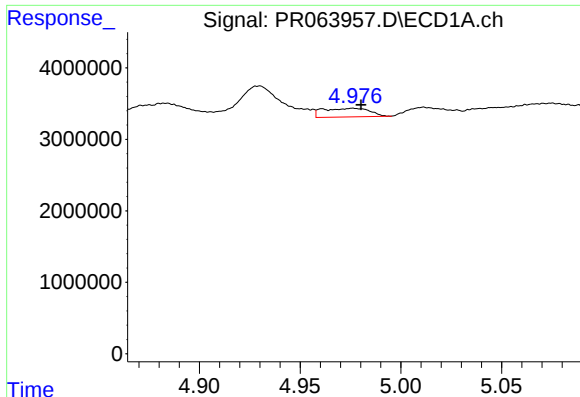
#20 AR-1242-5

R.T.: 5.979 min
Delta R.T.: 0.010 min
Response: 52139395
Conc: 421.57 ng/ml



#20 AR-1242-5

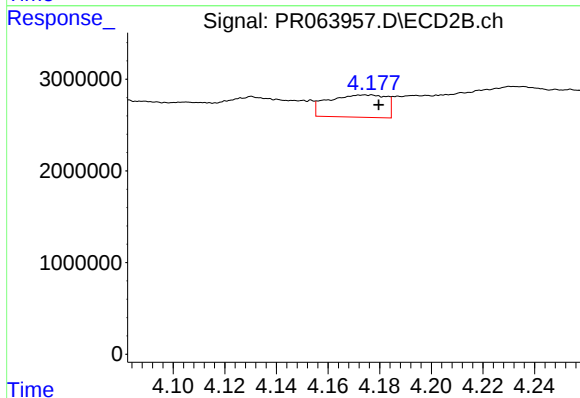
R.T.: 5.060 min
Delta R.T.: 0.023 min
Response: 103014965
Conc: 993.44 ng/ml



#21 AR-1248-1

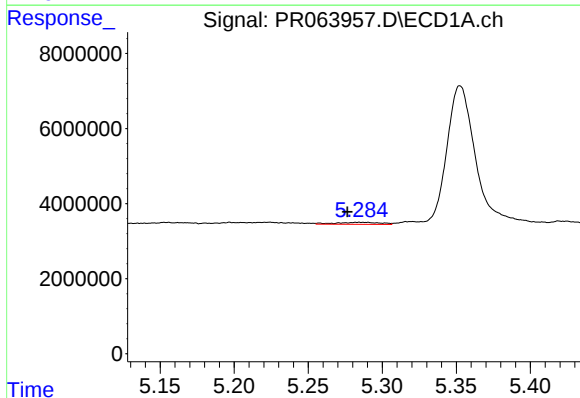
R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 1936112
Conc: 15.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



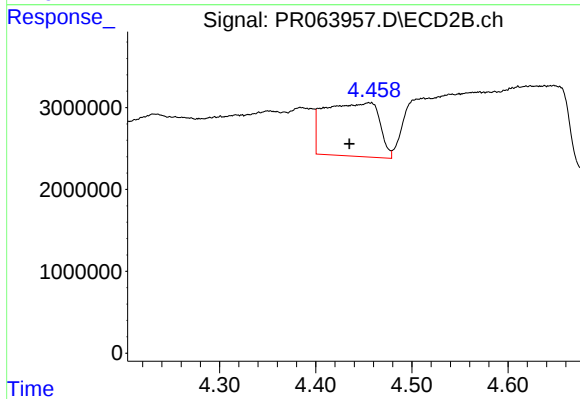
#21 AR-1248-1

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 3792171
Conc: 45.05 ng/ml



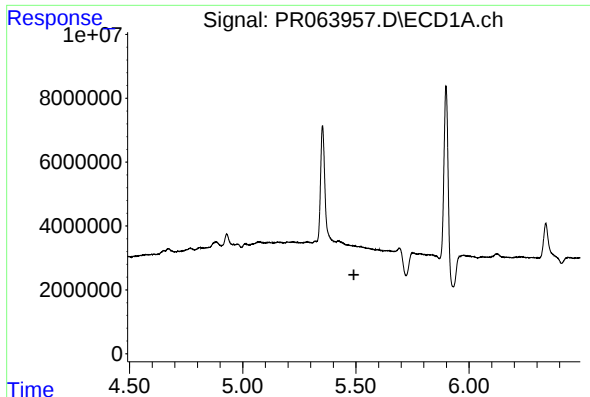
#22 AR-1248-2

R.T.: 5.285 min
Delta R.T.: 0.008 min
Response: 1113810
Conc: 6.54 ng/ml



#22 AR-1248-2

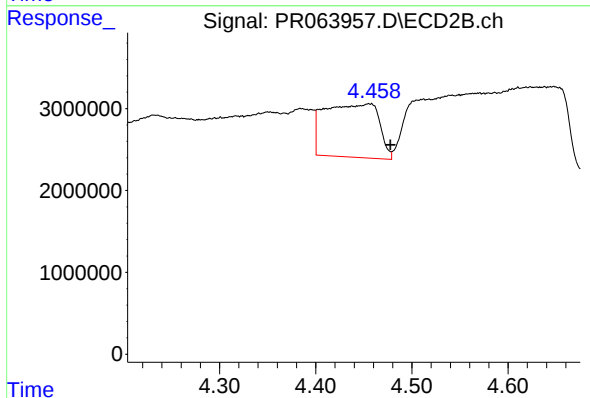
R.T.: 4.456 min
Delta R.T.: 0.021 min
Response: 25699103
Conc: 221.99 ng/ml



#23 AR-1248-3

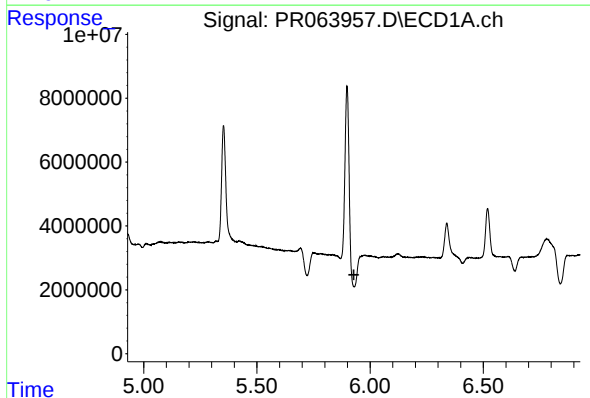
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



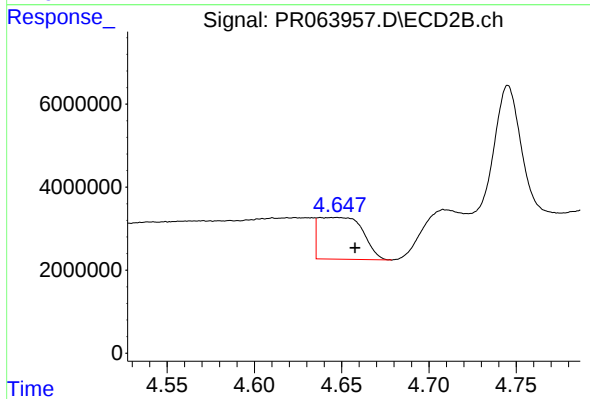
#23 AR-1248-3

R.T.: 4.456 min
Delta R.T.: -0.022 min
Response: 25699103
Conc: 217.11 ng/ml



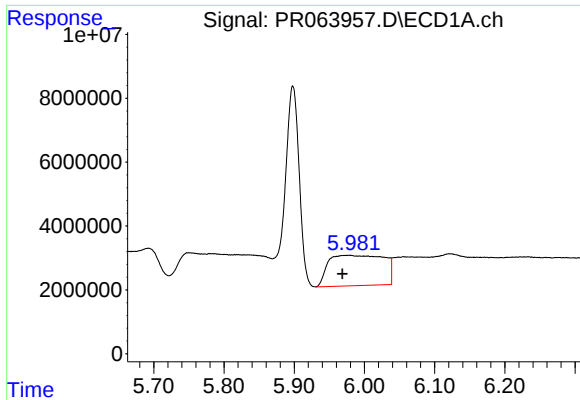
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 5.929 min
Response: 0
Conc: N.D.



#24 AR-1248-4

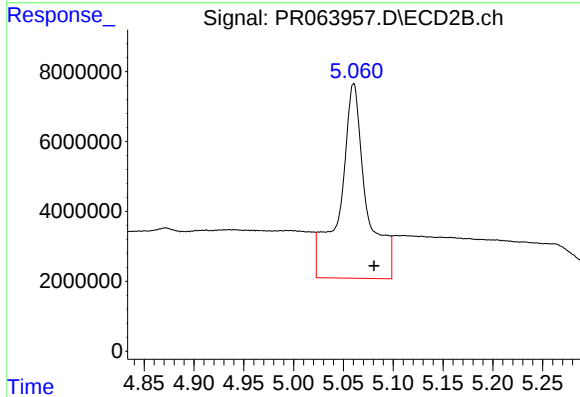
R.T.: 4.648 min
Delta R.T.: -0.010 min
Response: 17806527
Conc: 125.38 ng/ml



#25 AR-1248-5

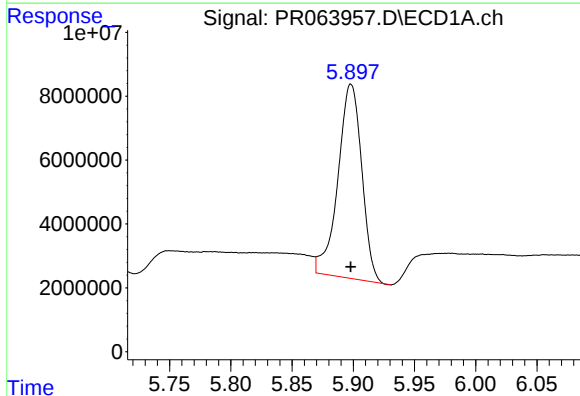
R.T.: 5.979 min
Delta R.T.: 0.010 min
Response: 52139395
Conc: 237.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



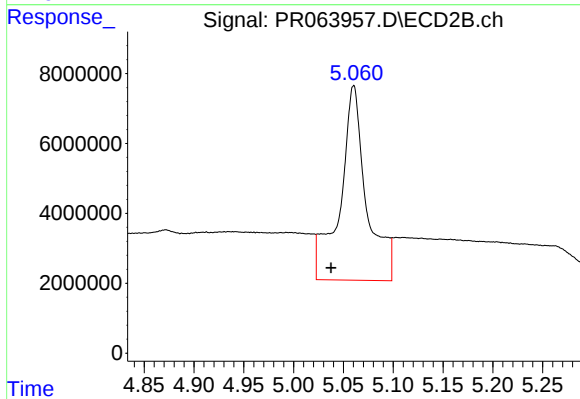
#25 AR-1248-5

R.T.: 5.060 min
Delta R.T.: -0.021 min
Response: 103014965
Conc: 740.37 ng/ml



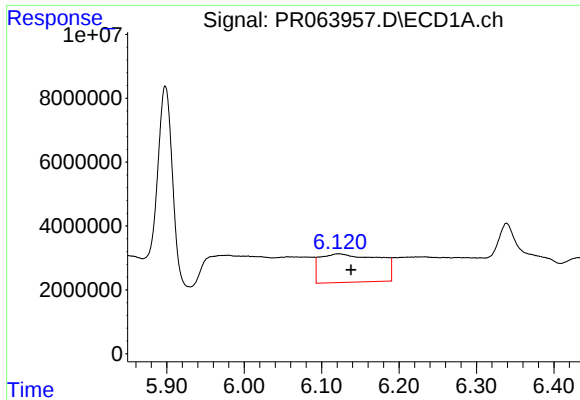
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 82349785
Conc: 376.06 ng/ml



#26 AR-1254-1

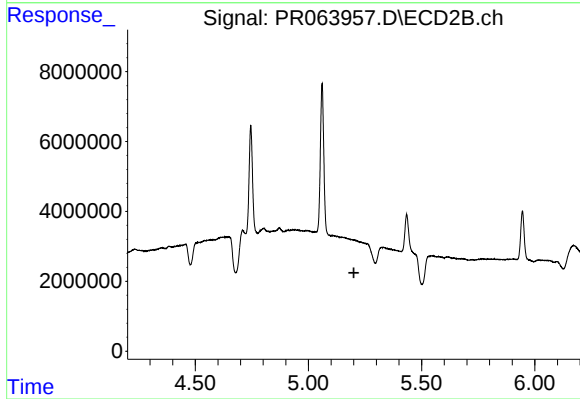
R.T.: 5.060 min
Delta R.T.: 0.023 min
Response: 103014965
Conc: 505.00 ng/ml



#27 AR-1254-2

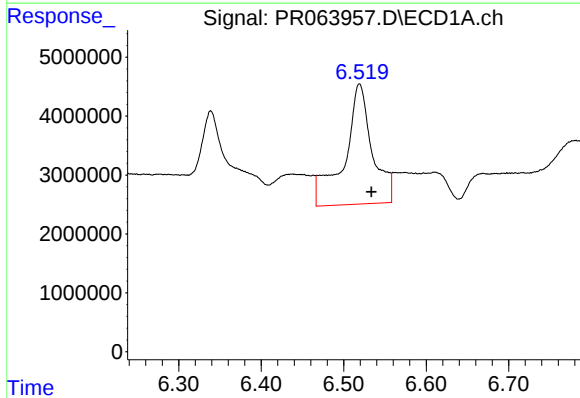
R.T.: 6.121 min
Delta R.T.: -0.017 min
Response: 47153446
Conc: 140.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



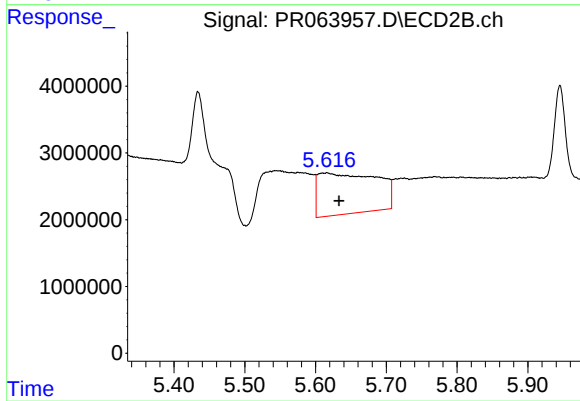
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.201 min
Response: 0
Conc: N.D.



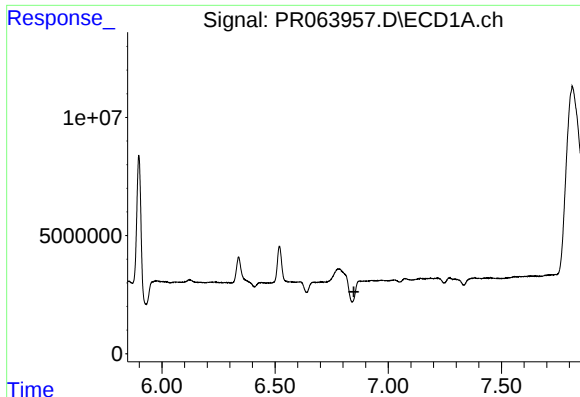
#28 AR-1254-3

R.T.: 6.519 min
Delta R.T.: -0.014 min
Response: 48055319
Conc: 142.42 ng/ml



#28 AR-1254-3

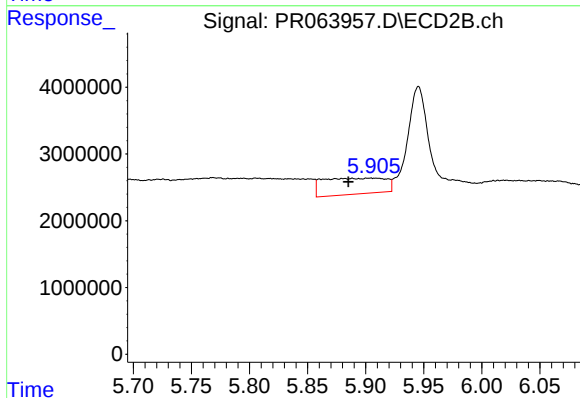
R.T.: 5.615 min
Delta R.T.: -0.018 min
Response: 35634041
Conc: 122.81 ng/ml



#29 AR-1254-4

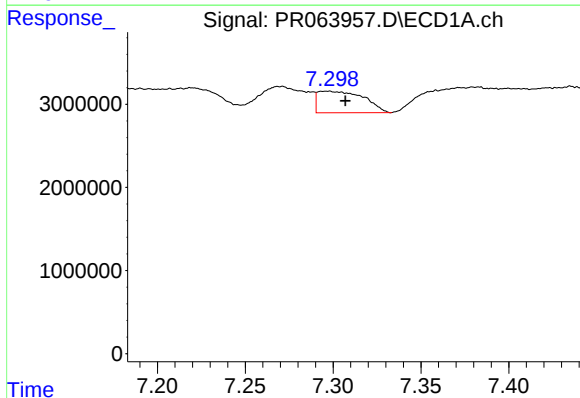
R.T.: 6.873 min
Delta R.T.: 0.024 min
Response: -5031433
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



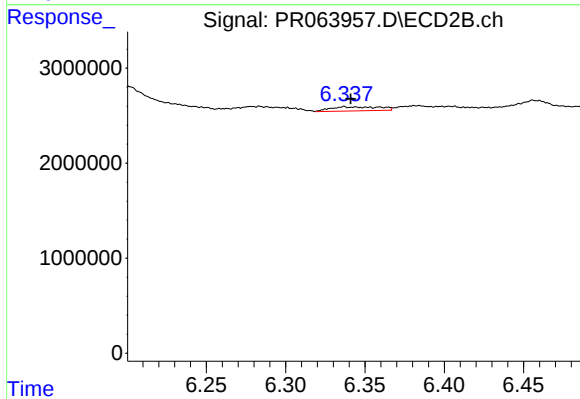
#29 AR-1254-4

R.T.: 5.889 min
Delta R.T.: 0.004 min
Response: 9001784
Conc: 49.95 ng/ml



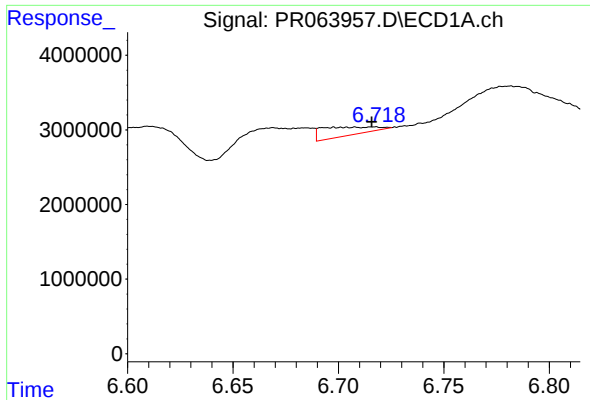
#30 AR-1254-5

R.T.: 7.297 min
Delta R.T.: -0.010 min
Response: 4716759
Conc: 17.31 ng/ml



#30 AR-1254-5

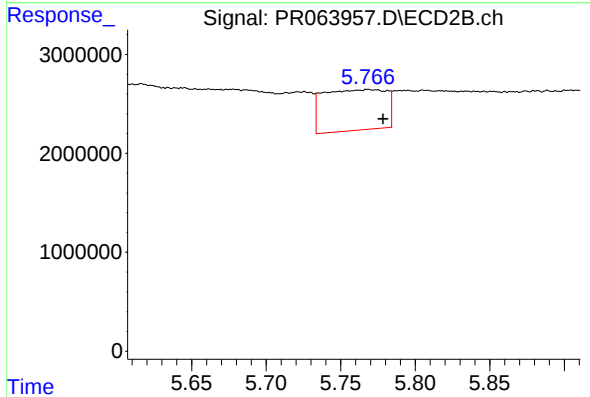
R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 902650
Conc: 3.37 ng/ml



#31 AR-1260-1

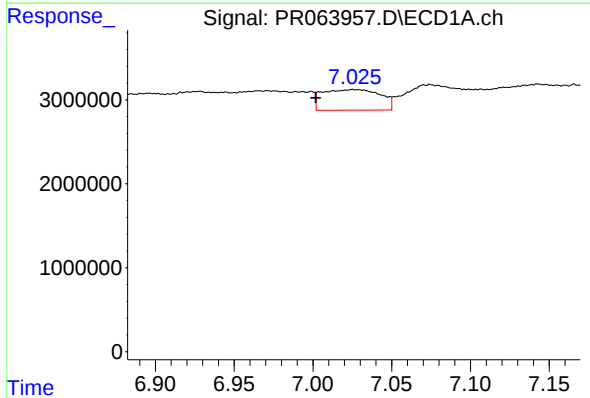
R.T.: 6.708 min
Delta R.T.: -0.008 min
Response: 1976440
Conc: 7.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



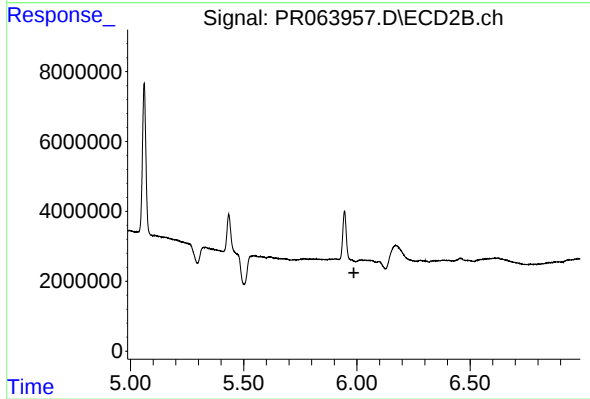
#31 AR-1260-1

R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 12091028
Conc: 56.43 ng/ml



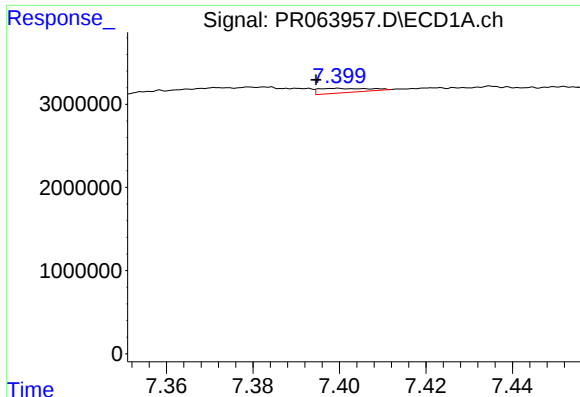
#32 AR-1260-2

R.T.: 7.026 min
Delta R.T.: 0.024 min
Response: 6261203
Conc: 19.53 ng/ml



#32 AR-1260-2

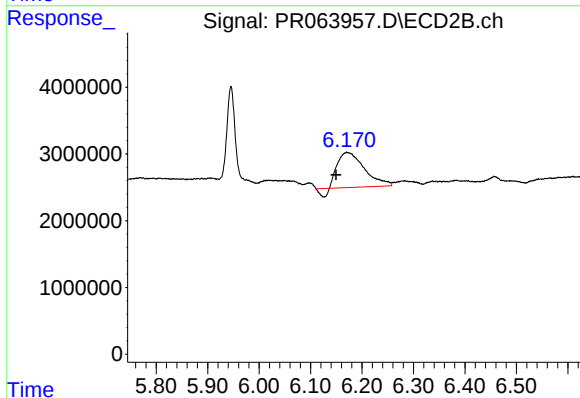
R.T.: 0.000 min
Exp R.T. : 5.987 min
Response: 0
Conc: N.D.



#33 AR-1260-3

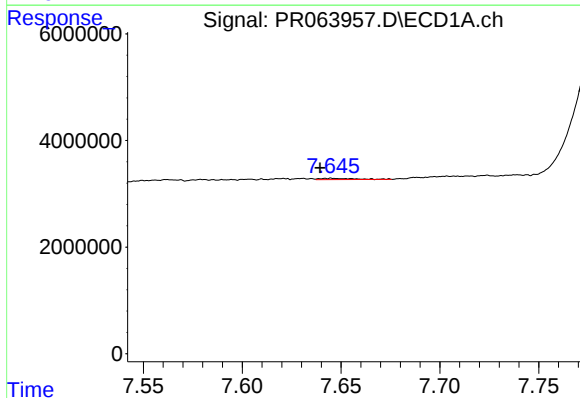
R.T.: 7.399 min
Delta R.T.: 0.005 min
Response: 422768
Conc: 2.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



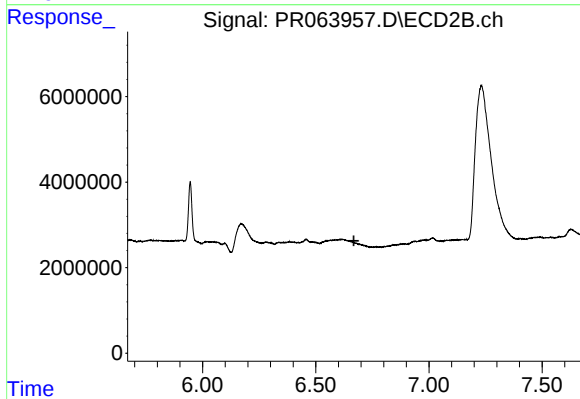
#33 AR-1260-3

R.T.: 6.171 min
Delta R.T.: 0.021 min
Response: 18358948
Conc: 72.83 ng/ml



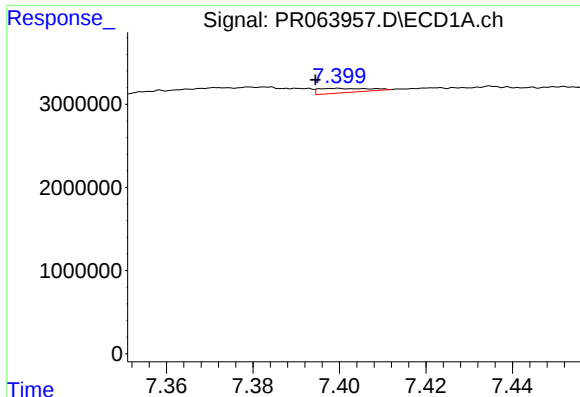
#34 AR-1260-4

R.T.: 7.645 min
Delta R.T.: 0.006 min
Response: 276645
Conc: 1.14 ng/ml



#34 AR-1260-4

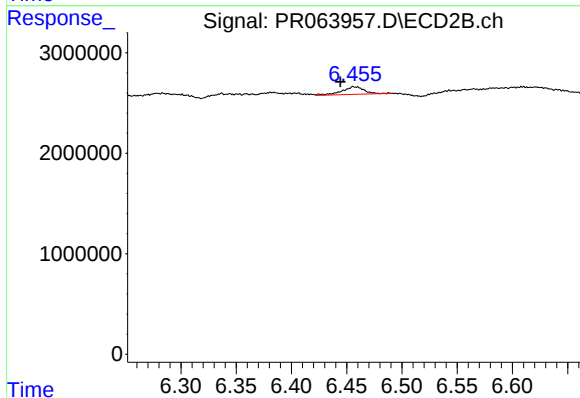
R.T.: 0.000 min
Exp R.T. : 6.668 min
Response: 0
Conc: N.D.



#36 AR-1262-1

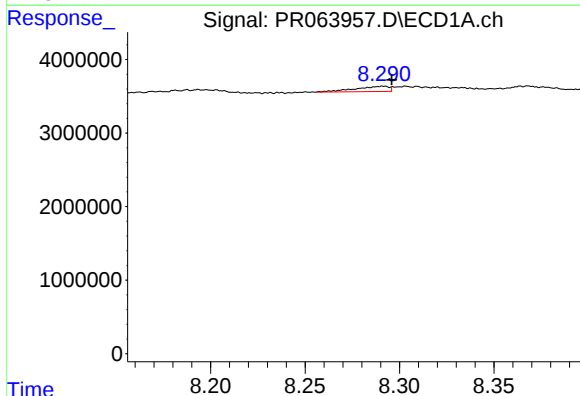
R.T.: 7.399 min
Delta R.T.: 0.005 min
Response: 422768
Conc: 1.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



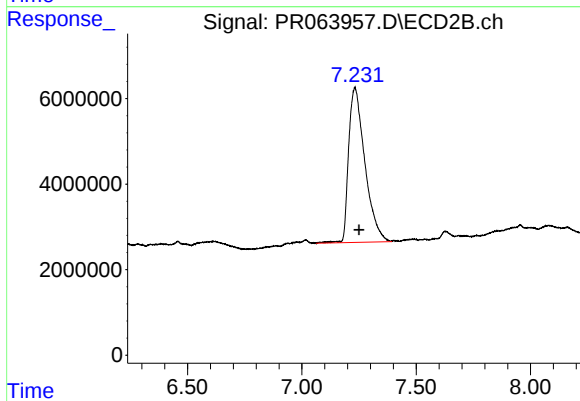
#36 AR-1262-1

R.T.: 6.457 min
Delta R.T.: 0.013 min
Response: 1110430
Conc: 10.25 ng/ml



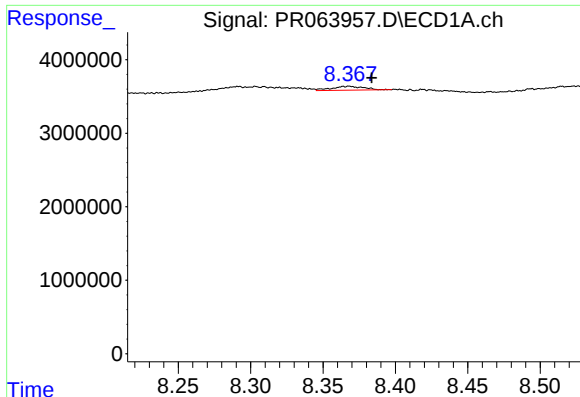
#38 AR-1262-3

R.T.: 8.291 min
Delta R.T.: -0.005 min
Response: 880196
Conc: 2.35 ng/ml



#38 AR-1262-3

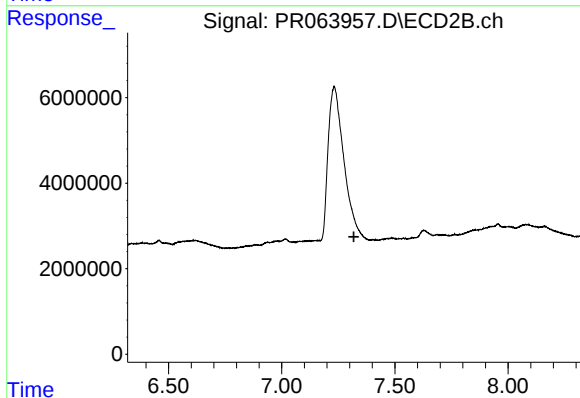
R.T.: 7.232 min
Delta R.T.: -0.019 min
Response: 178535146
Conc: 1038.14 ng/ml



#39 AR-1262-4

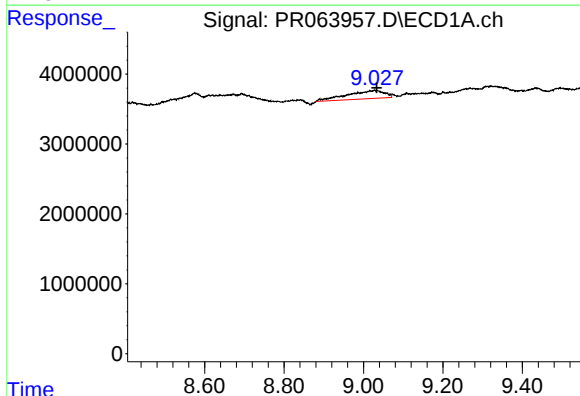
R.T.: 8.368 min
Delta R.T.: -0.015 min
Response: 833913
Conc: 2.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



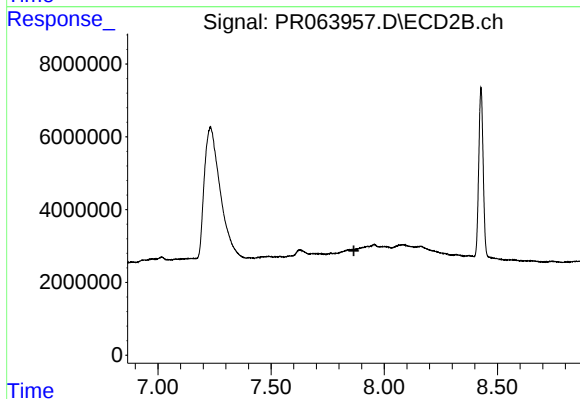
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.319 min
Response: 0
Conc: N.D.



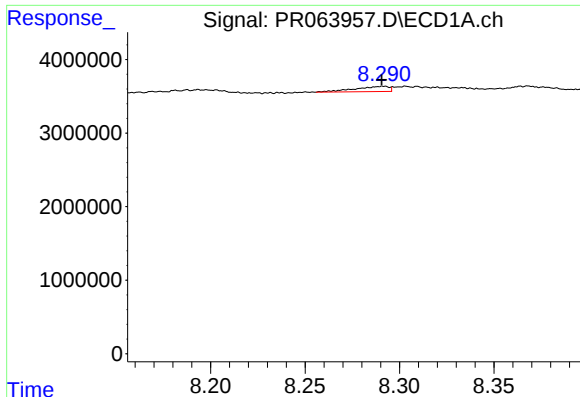
#40 AR-1262-5

R.T.: 9.028 min
Delta R.T.: -0.005 min
Response: 7760106
Conc: 37.79 ng/ml



#40 AR-1262-5

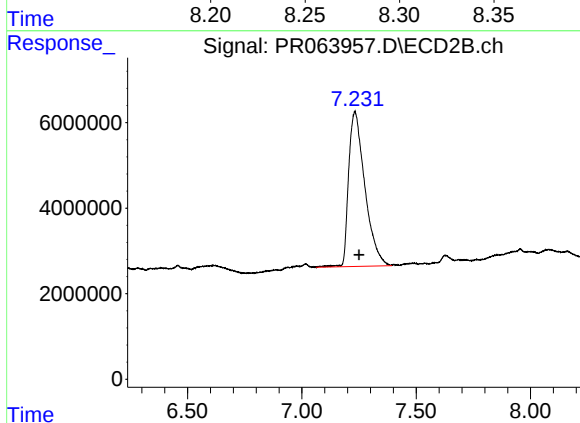
R.T.: 0.000 min
Exp R.T. : 7.866 min
Response: 0
Conc: N.D.



#41 AR-1268-1

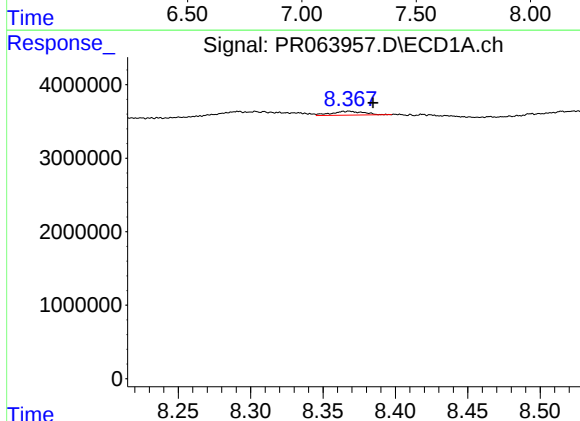
R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 880196
Conc: 1.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



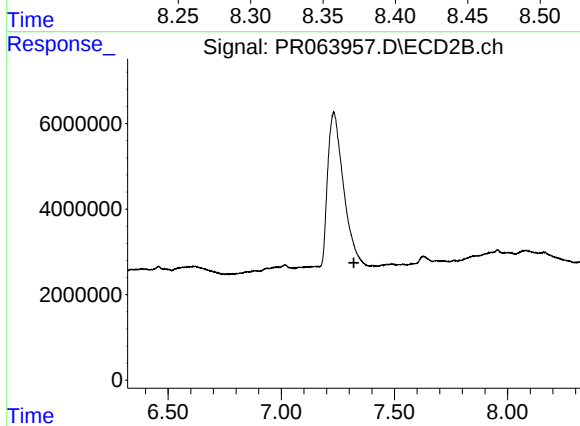
#41 AR-1268-1

R.T.: 7.232 min
Delta R.T.: -0.019 min
Response: 178535146
Conc: 368.80 ng/ml



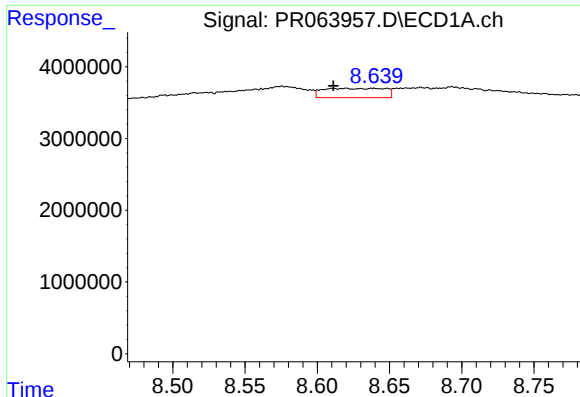
#42 AR-1268-2

R.T.: 8.368 min
Delta R.T.: -0.016 min
Response: 833913
Conc: 1.44 ng/ml



#42 AR-1268-2

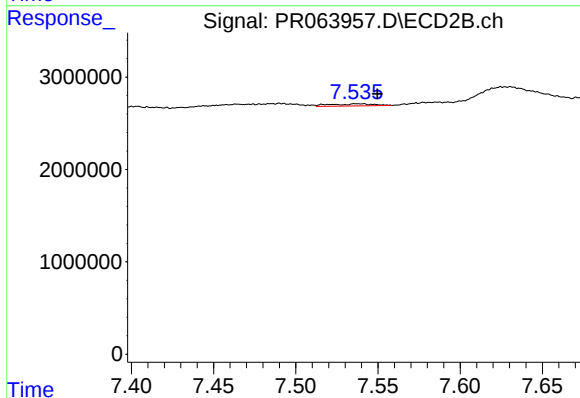
R.T.: 0.000 min
Exp R.T. : 7.321 min
Response: 0
Conc: N.D.



#43 AR-1268-3

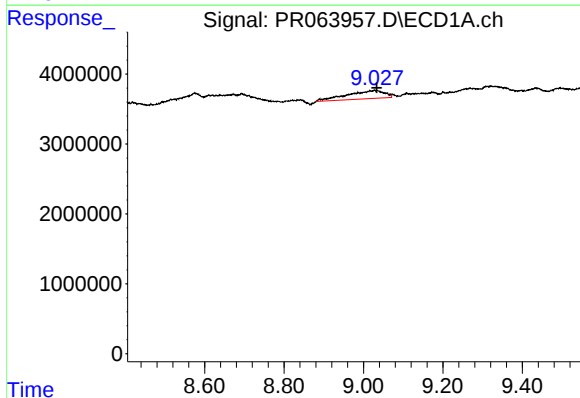
R.T.: 8.620 min
Delta R.T.: 0.009 min
Response: 3845621
Conc: 7.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



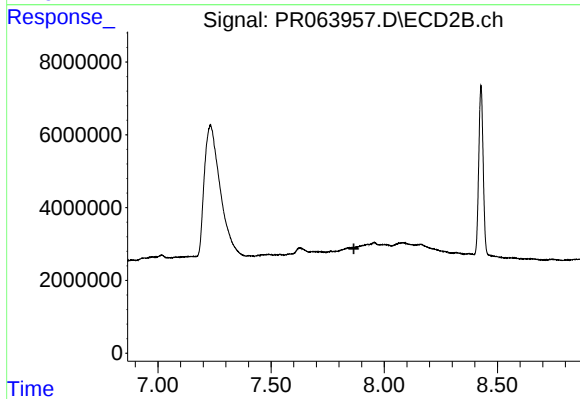
#43 AR-1268-3

R.T.: 7.538 min
Delta R.T.: -0.011 min
Response: 433511
Conc: 1.16 ng/ml



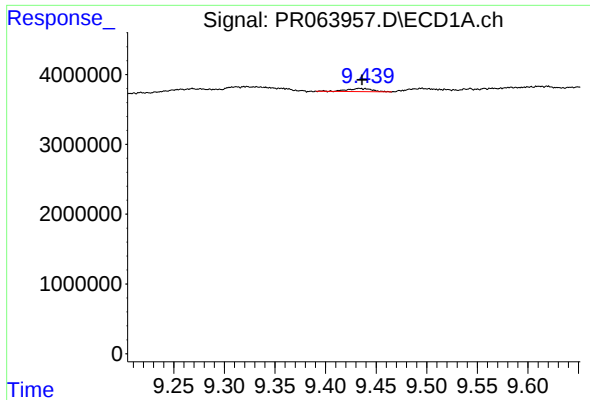
#44 AR-1268-4

R.T.: 9.028 min
Delta R.T.: -0.005 min
Response: 7760106
Conc: 35.33 ng/ml



#44 AR-1268-4

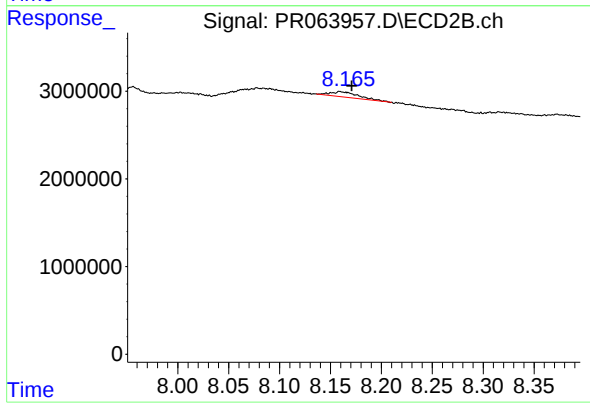
R.T.: 0.000 min
Exp R.T.: 7.866 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.439 min
Delta R.T.: 0.003 min
Response: 717319
Conc: 0.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.160 min
Delta R.T.: -0.010 min
Response: 1036969
Conc: 0.94 ng/ml