

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101123\
 Data File : PR063963.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 11:40
 Operator : AJ\MA
 Sample : 04699-03
 Misc : AR1248 MDL 25 PPB
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 22:19:10 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	3.025	125.2E6	79035559	19.834	20.219
2)	SA Decachlor...	9.759	8.428	100.6E6	63342332	21.315	20.778
Target Compounds							
3)	L1 AR-1016-1	4.979	4.177	3029825	2196959	14.464	15.436
4)	L1 AR-1016-2	5.003	4.195	3622559	1993167	11.641	10.200
5)	L1 AR-1016-3	5.069	4.380	2215723	1427226	11.567	12.883
6)	L1 AR-1016-4	5.170	4.431	1822602	3179601	12.150	36.274 #
7)	L1 AR-1016-5	5.490	4.654	4599783	3522272	31.016	31.944
8)	L2 AR-1221-1	3.960	0.000	600701	0	8.113	N.D. #
9)	L2 AR-1221-2	4.053	3.337	1619753	1123300	30.769	30.333
10)	L2 AR-1221-3	4.134	3.426	598912	585680	3.560	5.280 #
11)	L3 AR-1232-1	4.134	3.426	598912	585680	4.705	6.877 #
12)	L3 AR-1232-2	4.690	4.195	1345463	1993167	18.368	22.864
13)	L3 AR-1232-3	5.003	4.380	3622559	1427226	26.086	29.618
14)	L3 AR-1232-4	5.170	4.474	1822602	3132590	25.970	75.024 #
15)	L3 AR-1232-5	5.275	4.654	4231531	3522272	82.604	73.692
16)	L4 AR-1242-1	4.979	4.177	3029825	2196959	19.317	20.397
17)	L4 AR-1242-2	5.003	4.195	3622559	1993167	15.286	13.558
18)	L4 AR-1242-3	5.069	4.380	2215723	1427226	14.672	17.480
19)	L4 AR-1242-4	5.170	4.474	1822602	3132590	15.086	38.868 #
20)	L4 AR-1242-5	5.967	5.034	5353288	4849082	43.283	46.763
21)	L5 AR-1248-1	4.979	4.177	3029825	2196959	25.021	26.098
22)	L5 AR-1248-2	5.275	4.431	4231531	3179601	24.829	27.465
23)	L5 AR-1248-3	5.490	4.474	4599783	3132590	23.143	26.464
24)	L5 AR-1248-4	5.927	4.654	5251650	3522272	24.785	24.802
25)	L5 AR-1248-5	5.967	5.077	5353288	3444165	24.338	24.753
26)	L6 AR-1254-1	5.896	5.034	4537818	4849082	20.722	23.771
27)	L6 AR-1254-2	6.136	5.197	5424204	1525255	16.173	8.292 #
28)	L6 AR-1254-3	6.531	5.630	3833476	2298389	11.361	7.921 #
29)	L6 AR-1254-4	6.847	5.881	1892988	2515060	7.883	13.956 #
30)	L6 AR-1254-5	7.306	6.336	288464	613979	1.059	2.290 #
31)	L7 AR-1260-1	6.720	5.782	281954	1734458	1.028	8.096 #
32)	L7 AR-1260-2	6.998	5.980	339389	385645	1.058	1.508 #
33)	L7 AR-1260-3	7.381	6.146	66730	1031699	0.341	4.093 #
34)	L7 AR-1260-4	7.648	0.000	120003	0	0.494	N.D. #
36)	L8 AR-1262-1	7.381	6.444	66730	83612	0.205	0.772 #
38)	L8 AR-1262-3	8.296	7.225f	1345337	3759160	3.590	21.859 #
39)	L8 AR-1262-4	8.359f	7.309	2005012	2542874	7.078	7.947
40)	L8 AR-1262-5	9.032	7.867	756155	133694	3.682	0.955 #
41)	L9 AR-1268-1	8.296	7.225f	1345337	3759160	2.081	7.765 #
42)	L9 AR-1268-2	8.359f	7.309	2005012	2542874	3.468	5.718 #
43)	L9 AR-1268-3	0.000	7.539	0	250252	N.D.	0.668 #

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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	9.032	7.867	756155	133694	3.443	0.888 #
45) L9	AR-1268-5	9.431	8.158	693554	1218504	0.418	1.100 #

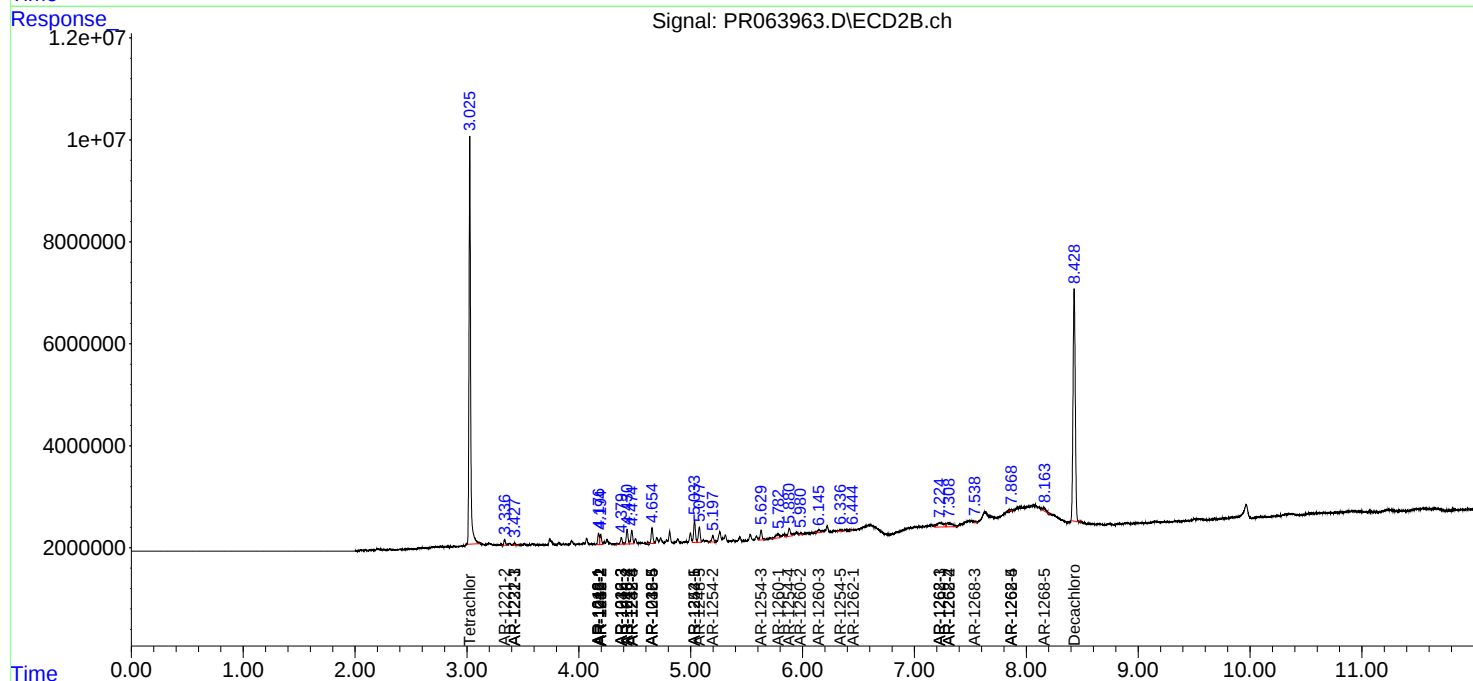
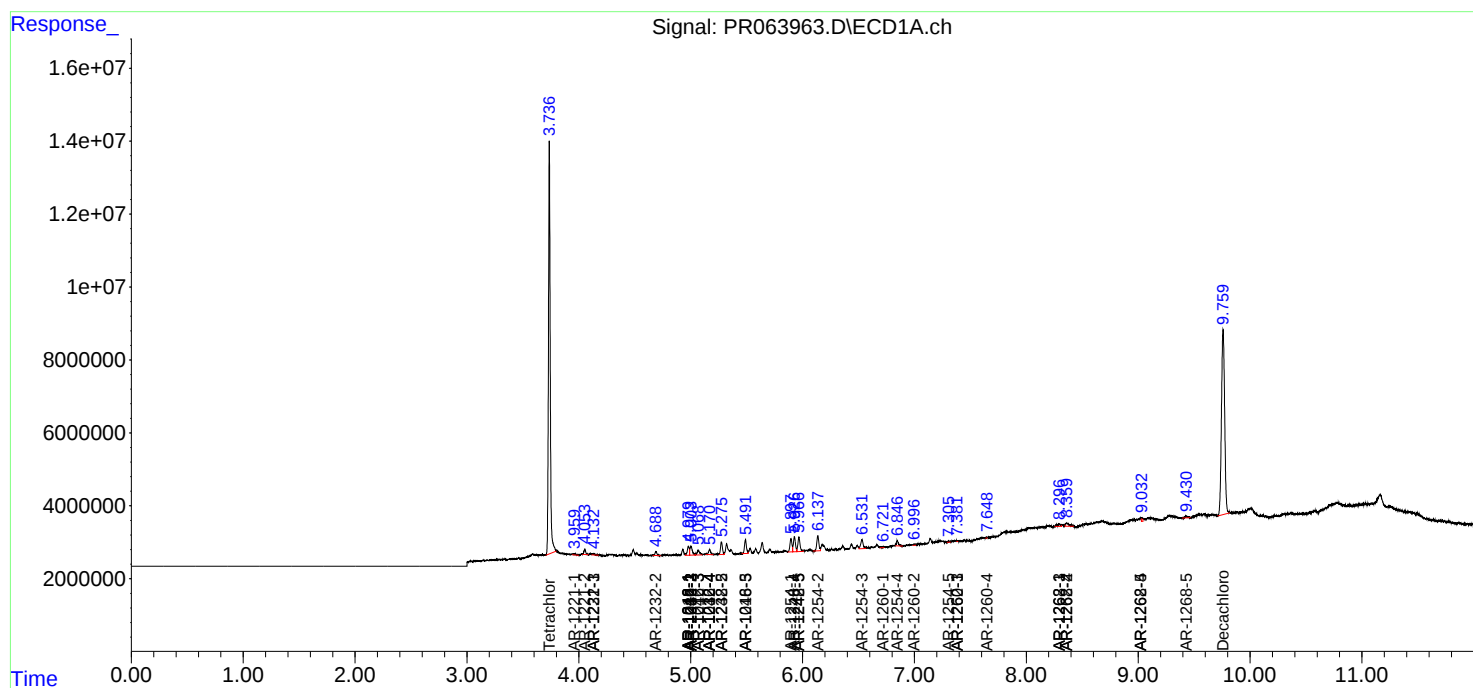
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

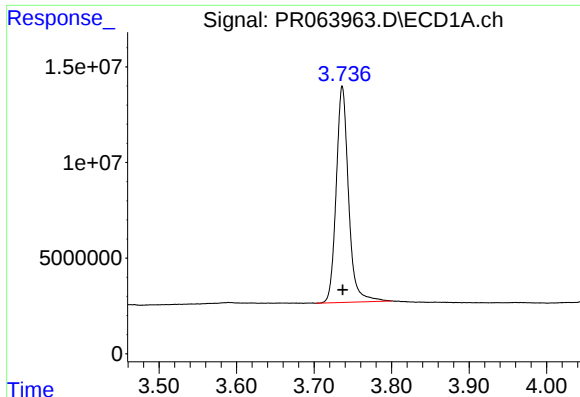
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

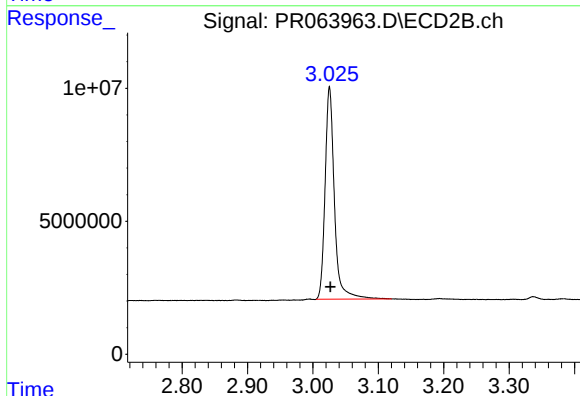




#1 Tetrachloro-m-xylene

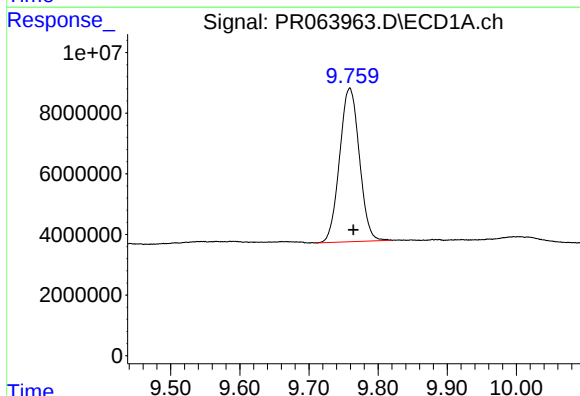
R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 125163801
Conc: 19.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



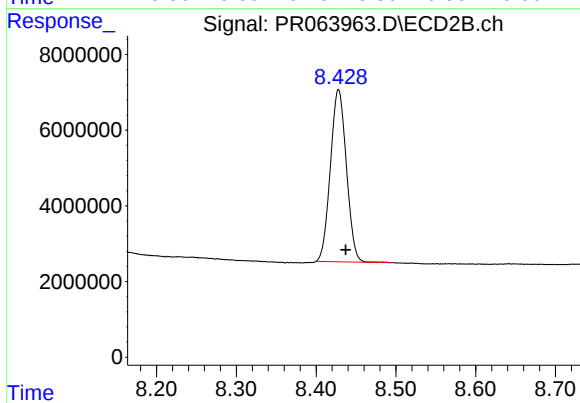
#1 Tetrachloro-m-xylene

R.T.: 3.025 min
Delta R.T.: -0.001 min
Response: 79035559
Conc: 20.22 ng/ml



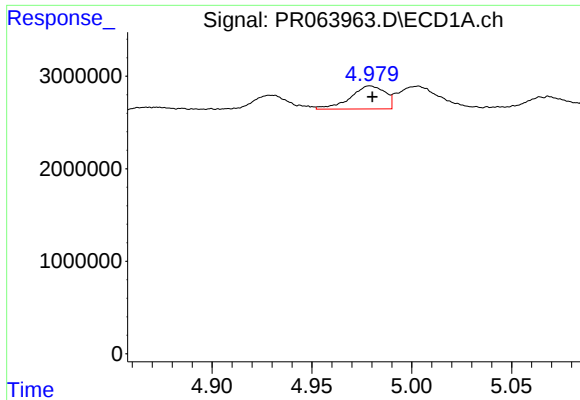
#2 Decachlorobiphenyl

R.T.: 9.759 min
Delta R.T.: -0.006 min
Response: 100584803
Conc: 21.32 ng/ml



#2 Decachlorobiphenyl

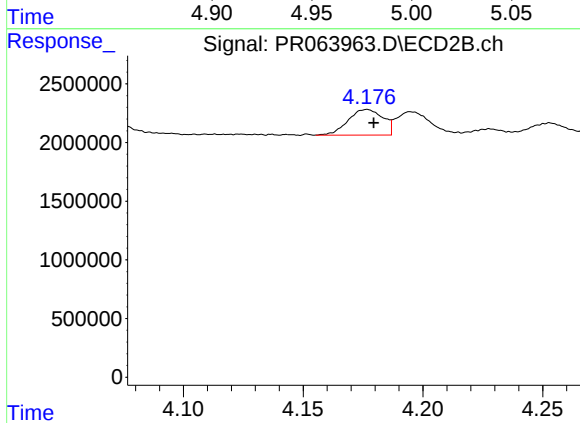
R.T.: 8.428 min
Delta R.T.: -0.009 min
Response: 63342332
Conc: 20.78 ng/ml



#3 AR-1016-1

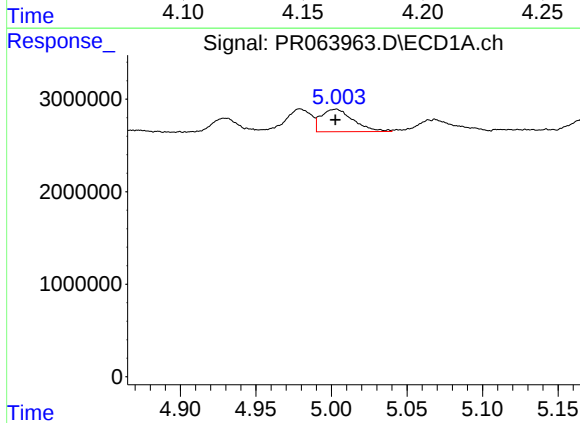
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 3029825
Conc: 14.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



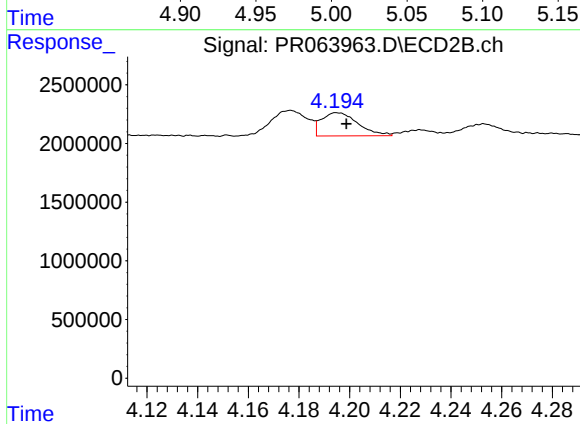
#3 AR-1016-1

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 2196959
Conc: 15.44 ng/ml



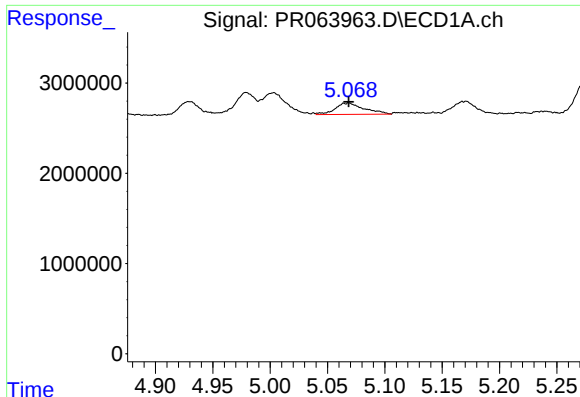
#4 AR-1016-2

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 3622559
Conc: 11.64 ng/ml



#4 AR-1016-2

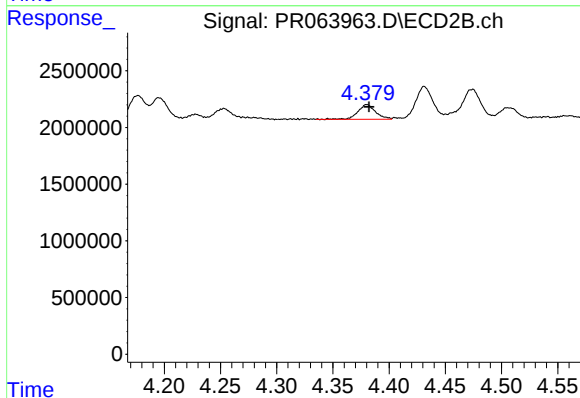
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 1993167
Conc: 10.20 ng/ml



#5 AR-1016-3

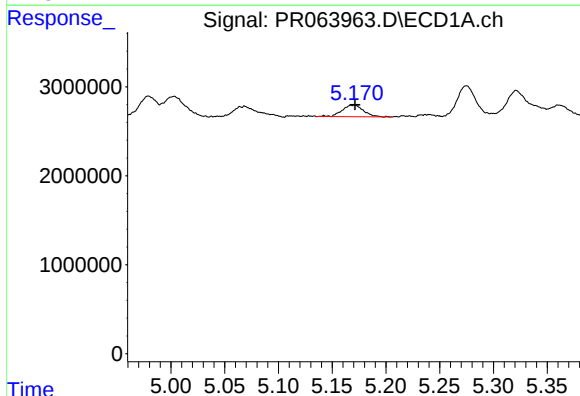
R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 2215723
Conc: 11.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



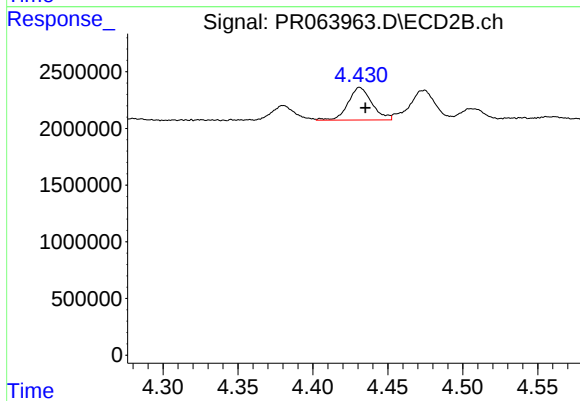
#5 AR-1016-3

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 1427226
Conc: 12.88 ng/ml



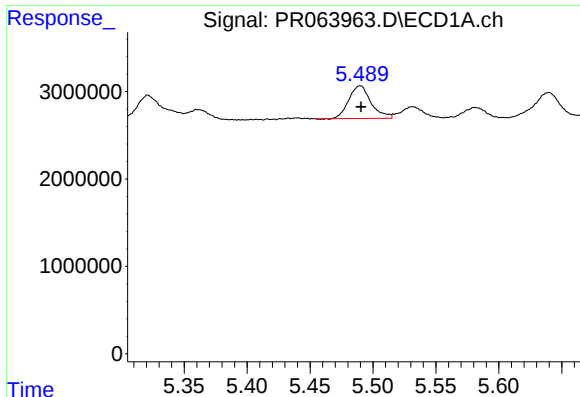
#6 AR-1016-4

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 1822602
Conc: 12.15 ng/ml



#6 AR-1016-4

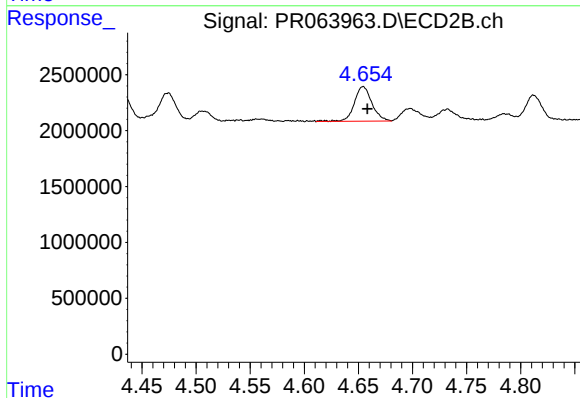
R.T.: 4.431 min
Delta R.T.: -0.004 min
Response: 3179601
Conc: 36.27 ng/ml



#7 AR-1016-5

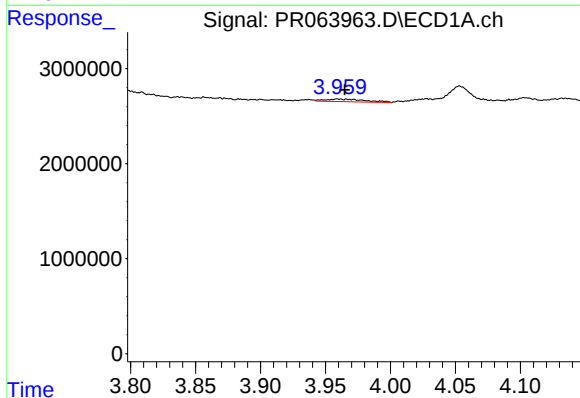
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 4599783
Conc: 31.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



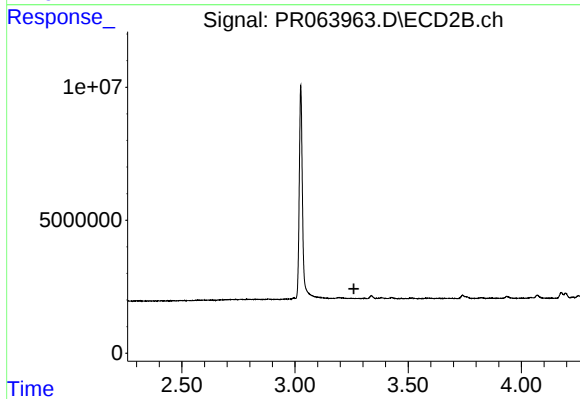
#7 AR-1016-5

R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 3522272
Conc: 31.94 ng/ml



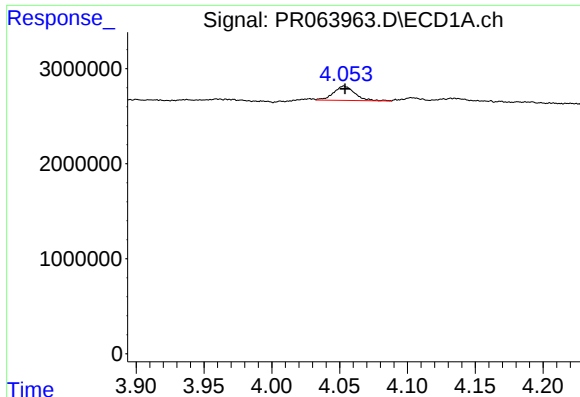
#8 AR-1221-1

R.T.: 3.960 min
Delta R.T.: -0.005 min
Response: 600701
Conc: 8.11 ng/ml



#8 AR-1221-1

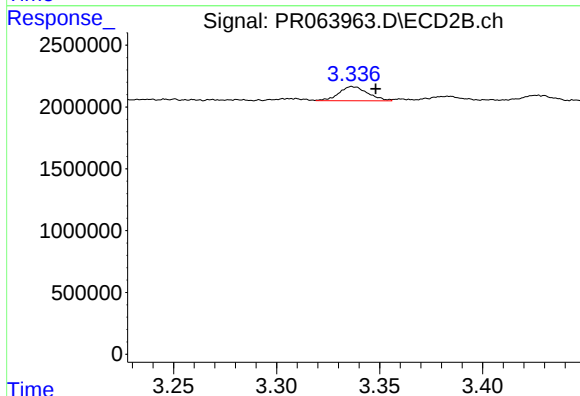
R.T.: 0.000 min
Exp R.T. : 3.260 min
Response: 0
Conc: N.D.



#9 AR-1221-2

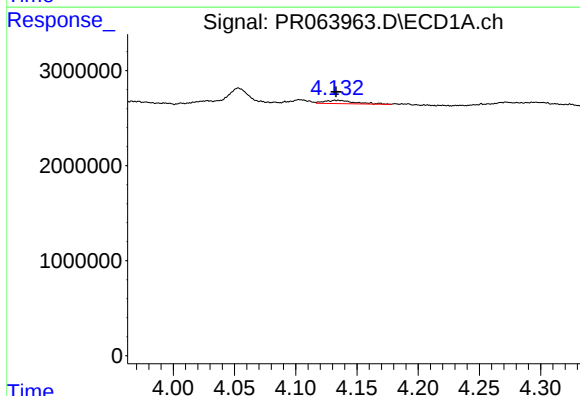
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 1619753
Conc: 30.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



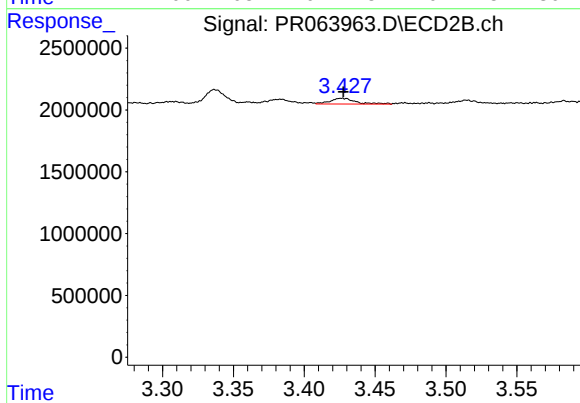
#9 AR-1221-2

R.T.: 3.337 min
Delta R.T.: -0.011 min
Response: 1123300
Conc: 30.33 ng/ml



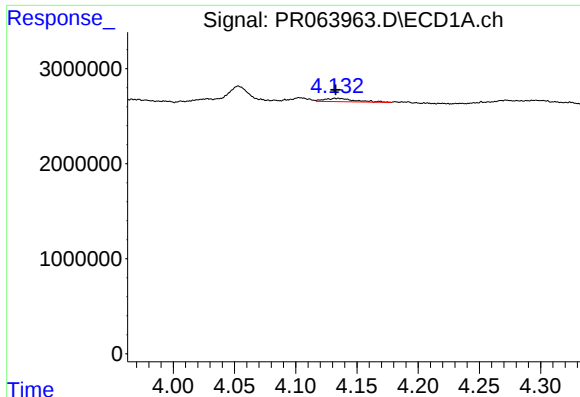
#10 AR-1221-3

R.T.: 4.134 min
Delta R.T.: 0.000 min
Response: 598912
Conc: 3.56 ng/ml



#10 AR-1221-3

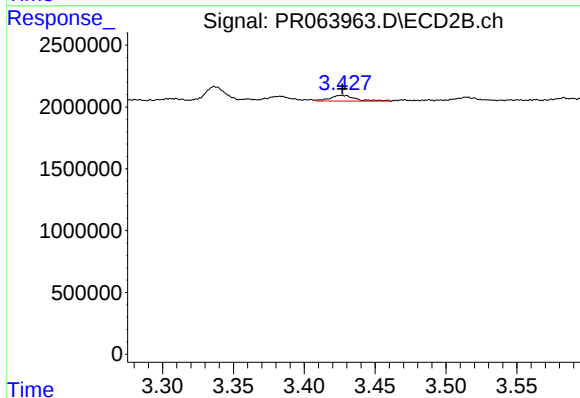
R.T.: 3.426 min
Delta R.T.: -0.001 min
Response: 585680
Conc: 5.28 ng/ml



#11 AR-1232-1

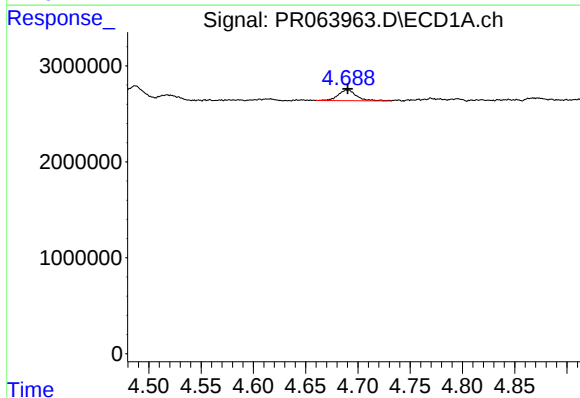
R.T.: 4.134 min
Delta R.T.: 0.001 min
Response: 598912
Conc: 4.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



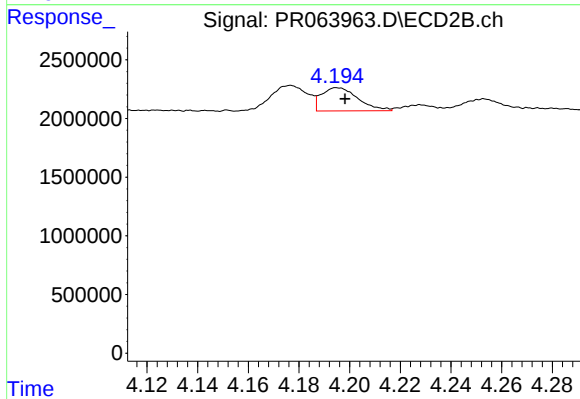
#11 AR-1232-1

R.T.: 3.426 min
Delta R.T.: 0.000 min
Response: 585680
Conc: 6.88 ng/ml



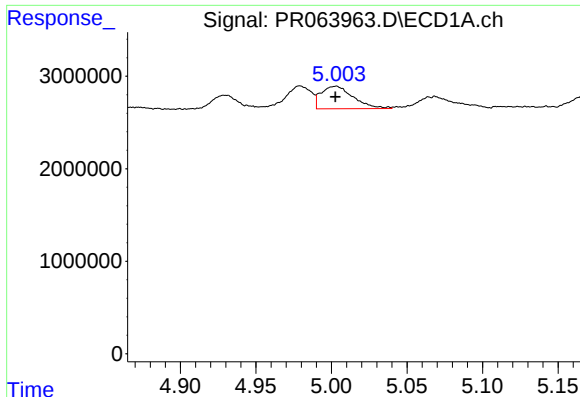
#12 AR-1232-2

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 1345463
Conc: 18.37 ng/ml



#12 AR-1232-2

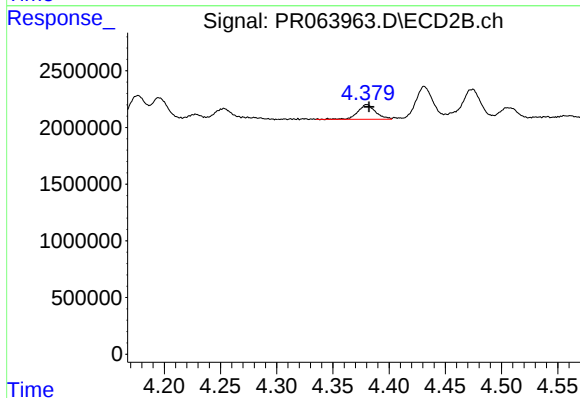
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 1993167
Conc: 22.86 ng/ml



#13 AR-1232-3

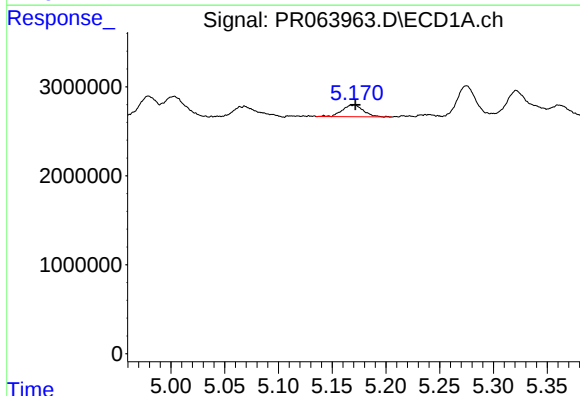
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 3622559
Conc: 26.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



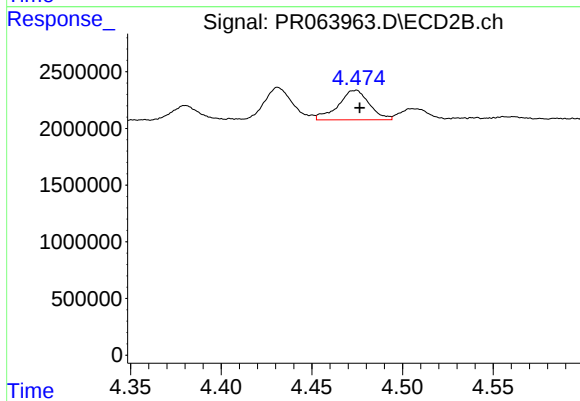
#13 AR-1232-3

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 1427226
Conc: 29.62 ng/ml



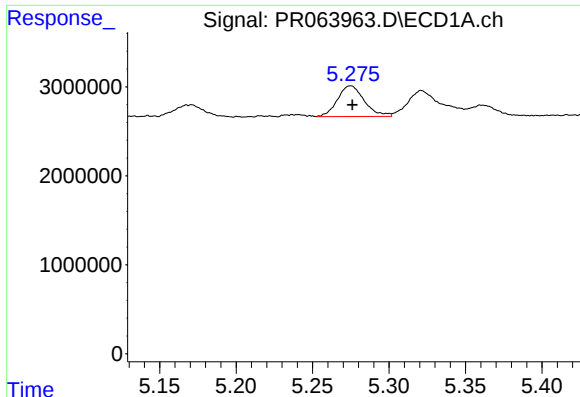
#14 AR-1232-4

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 1822602
Conc: 25.97 ng/ml



#14 AR-1232-4

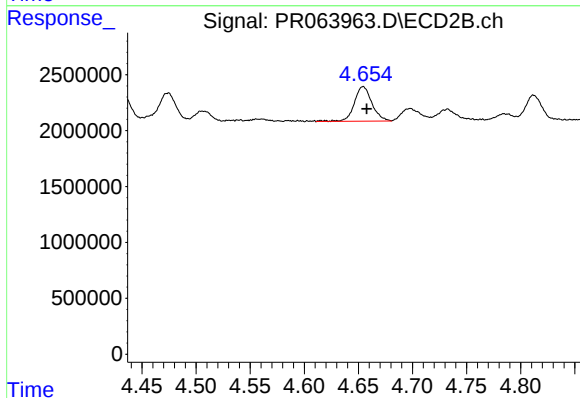
R.T.: 4.474 min
Delta R.T.: -0.002 min
Response: 3132590
Conc: 75.02 ng/ml



#15 AR-1232-5

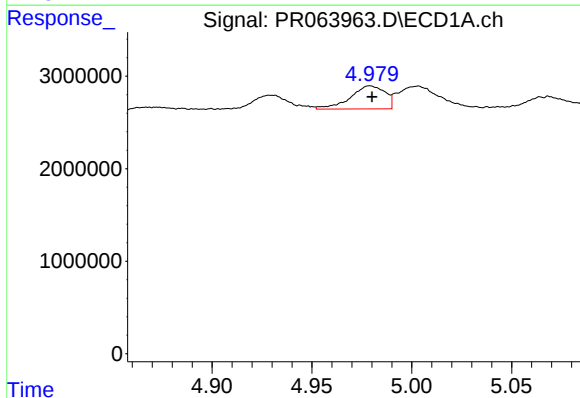
R.T.: 5.275 min
Delta R.T.: -0.001 min
Response: 4231531
Conc: 82.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



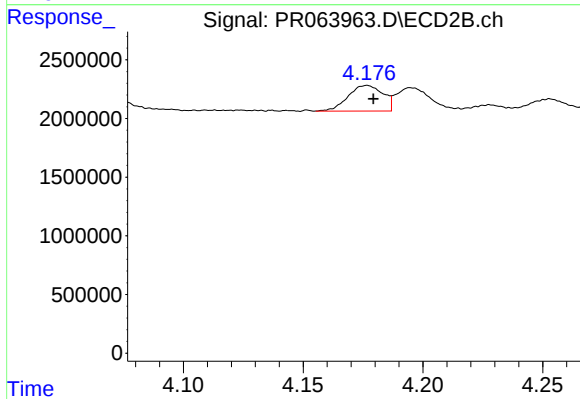
#15 AR-1232-5

R.T.: 4.654 min
Delta R.T.: -0.003 min
Response: 3522272
Conc: 73.69 ng/ml



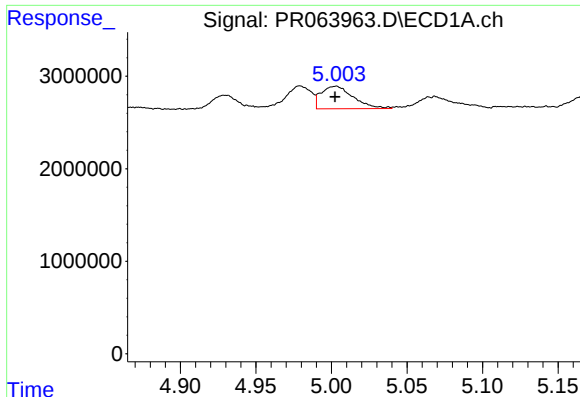
#16 AR-1242-1

R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 3029825
Conc: 19.32 ng/ml



#16 AR-1242-1

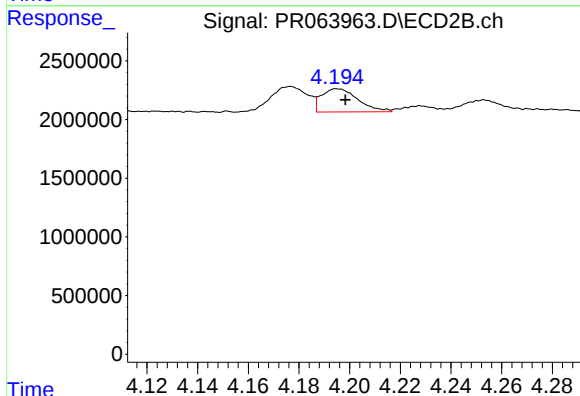
R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 2196959
Conc: 20.40 ng/ml



#17 AR-1242-2

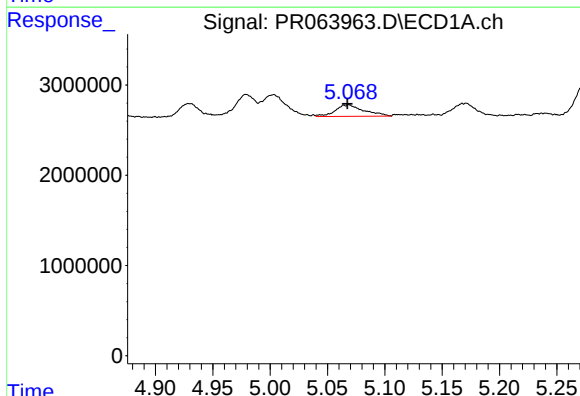
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 3622559
Conc: 15.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



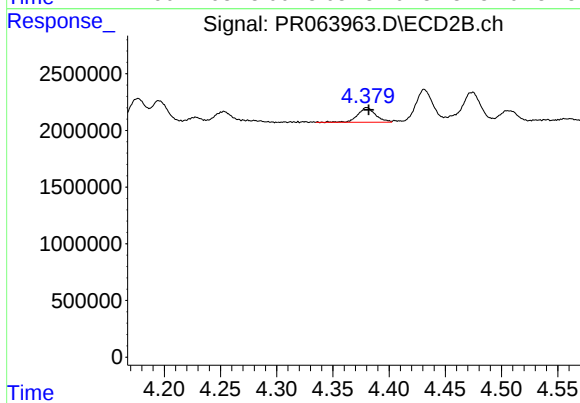
#17 AR-1242-2

R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 1993167
Conc: 13.56 ng/ml



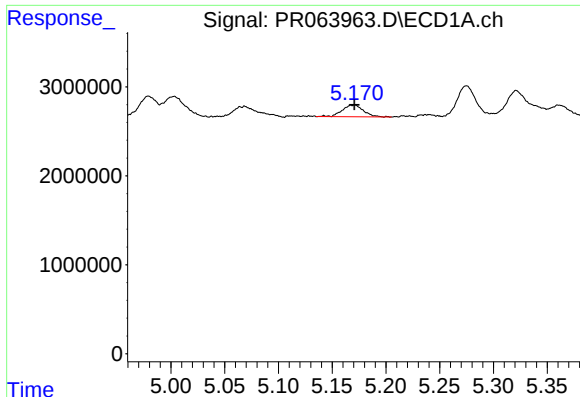
#18 AR-1242-3

R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 2215723
Conc: 14.67 ng/ml



#18 AR-1242-3

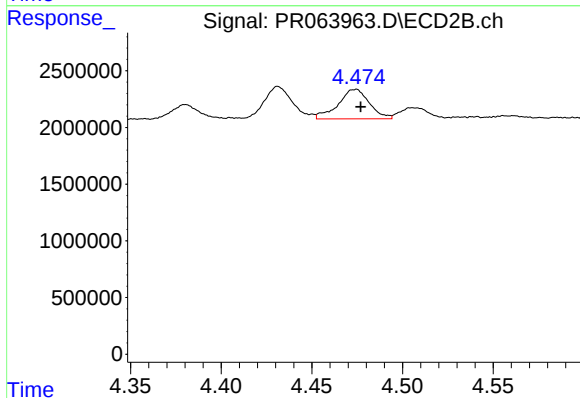
R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 1427226
Conc: 17.48 ng/ml



#19 AR-1242-4

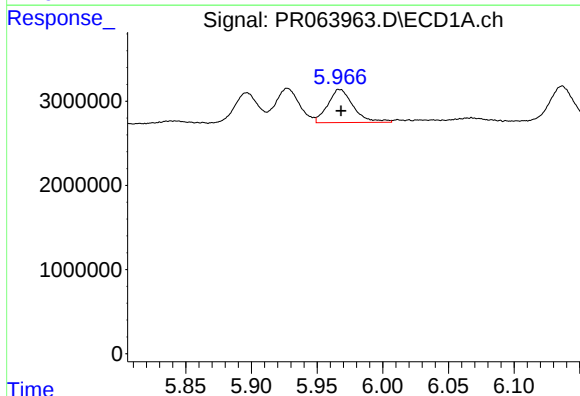
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 1822602
Conc: 15.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



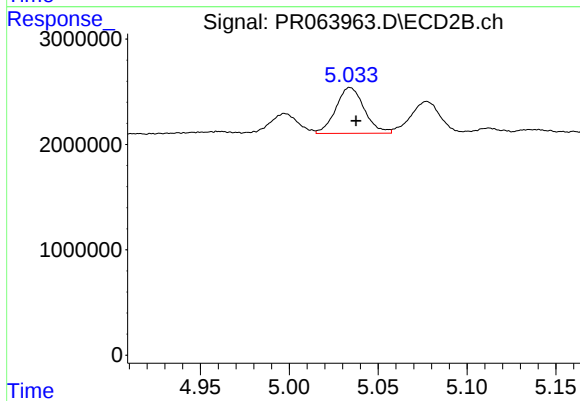
#19 AR-1242-4

R.T.: 4.474 min
Delta R.T.: -0.003 min
Response: 3132590
Conc: 38.87 ng/ml



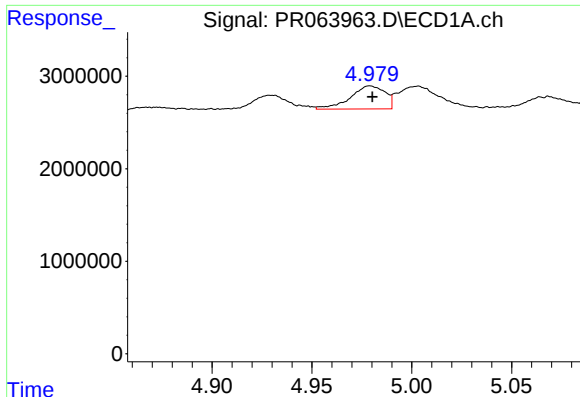
#20 AR-1242-5

R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 5353288
Conc: 43.28 ng/ml



#20 AR-1242-5

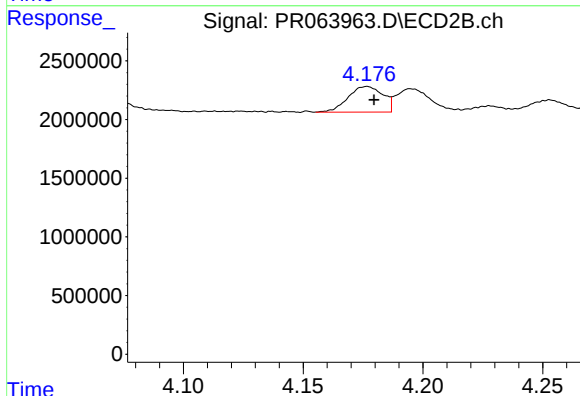
R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 4849082
Conc: 46.76 ng/ml



#21 AR-1248-1

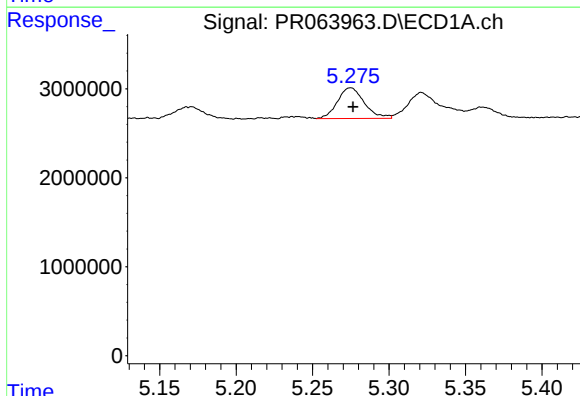
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 3029825
Conc: 25.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



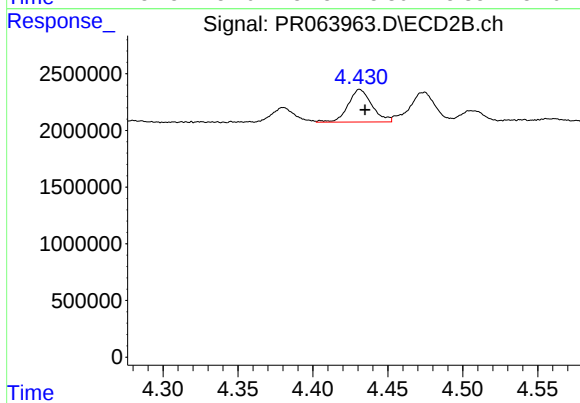
#21 AR-1248-1

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 2196959
Conc: 26.10 ng/ml



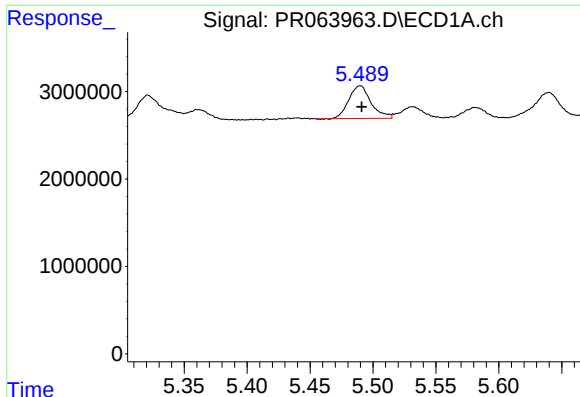
#22 AR-1248-2

R.T.: 5.275 min
Delta R.T.: -0.002 min
Response: 4231531
Conc: 24.83 ng/ml



#22 AR-1248-2

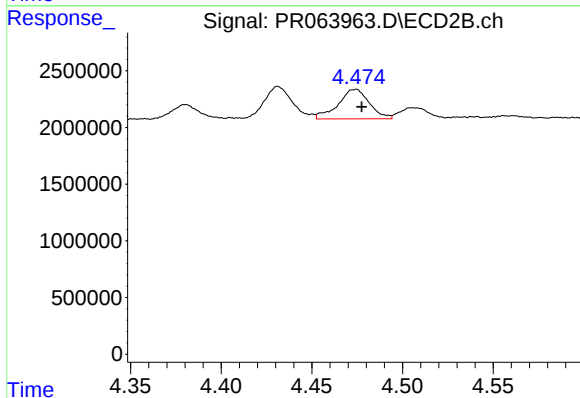
R.T.: 4.431 min
Delta R.T.: -0.003 min
Response: 3179601
Conc: 27.47 ng/ml



#23 AR-1248-3

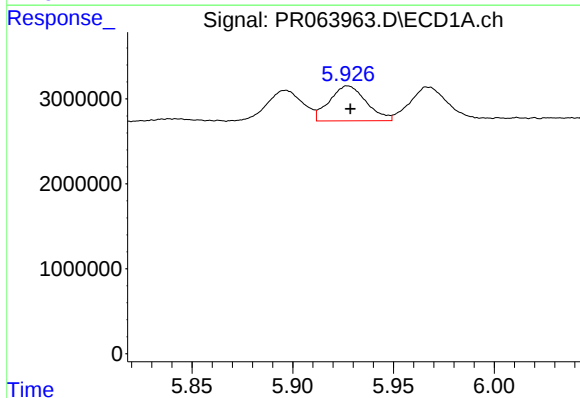
R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 4599783
Conc: 23.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



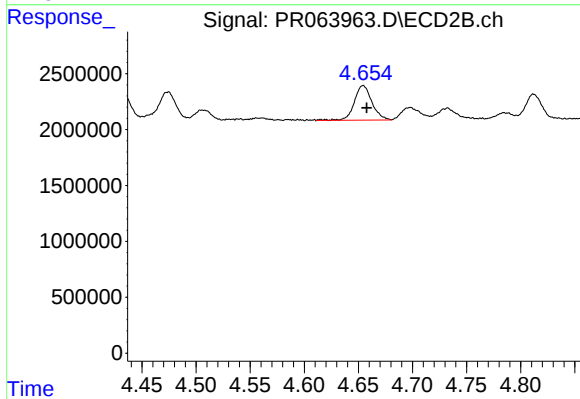
#23 AR-1248-3

R.T.: 4.474 min
Delta R.T.: -0.004 min
Response: 3132590
Conc: 26.46 ng/ml



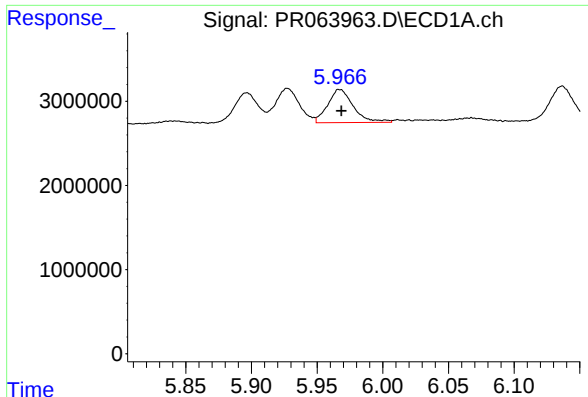
#24 AR-1248-4

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 5251650
Conc: 24.78 ng/ml



#24 AR-1248-4

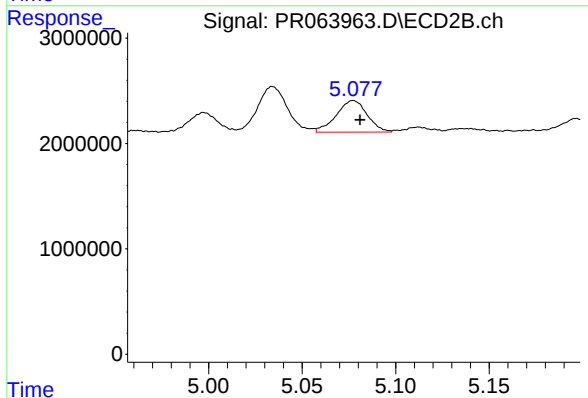
R.T.: 4.654 min
Delta R.T.: -0.003 min
Response: 3522272
Conc: 24.80 ng/ml



#25 AR-1248-5

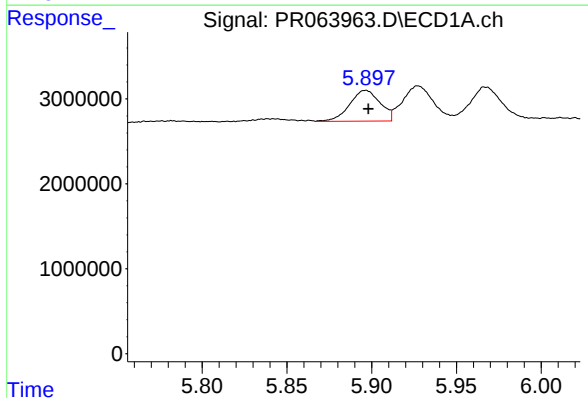
R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 5353288
Conc: 24.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



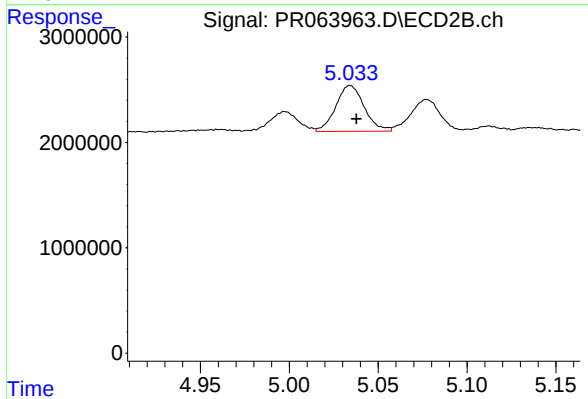
#25 AR-1248-5

R.T.: 5.077 min
Delta R.T.: -0.003 min
Response: 3444165
Conc: 24.75 ng/ml



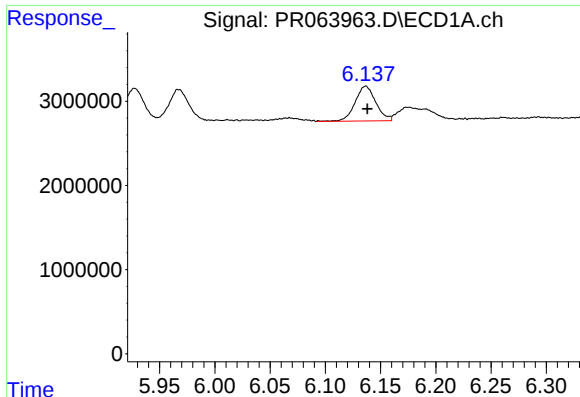
#26 AR-1254-1

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 4537818
Conc: 20.72 ng/ml



#26 AR-1254-1

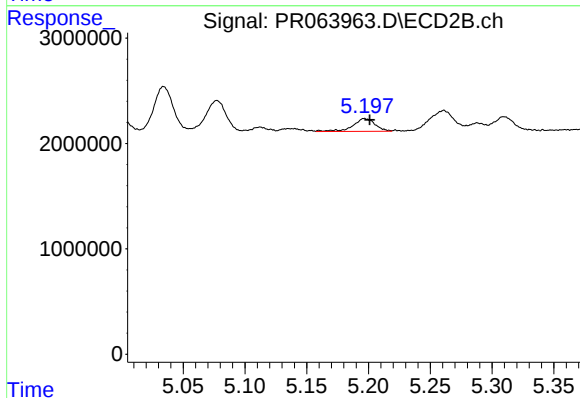
R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 4849082
Conc: 23.77 ng/ml



#27 AR-1254-2

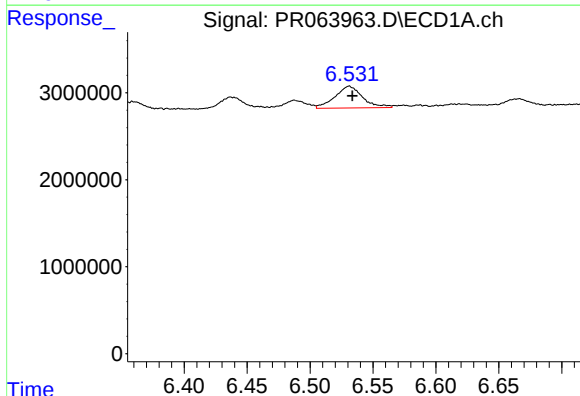
R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 5424204
Conc: 16.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



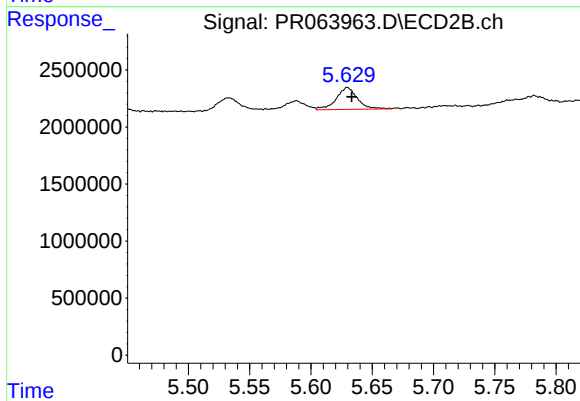
#27 AR-1254-2

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 1525255
Conc: 8.29 ng/ml



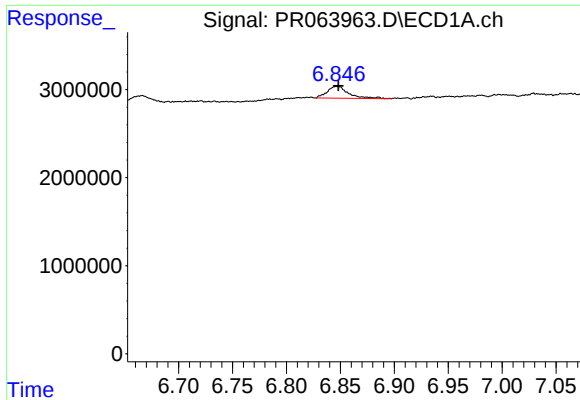
#28 AR-1254-3

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 3833476
Conc: 11.36 ng/ml



#28 AR-1254-3

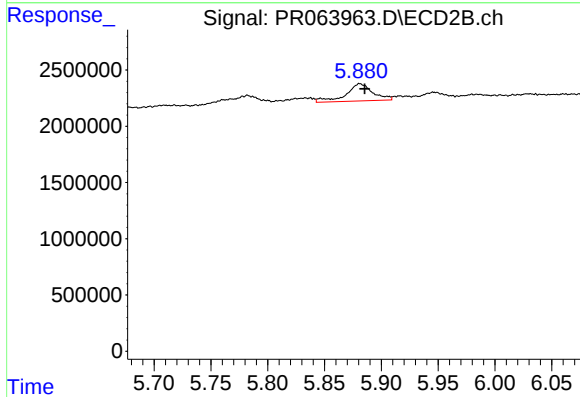
R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 2298389
Conc: 7.92 ng/ml



#29 AR-1254-4

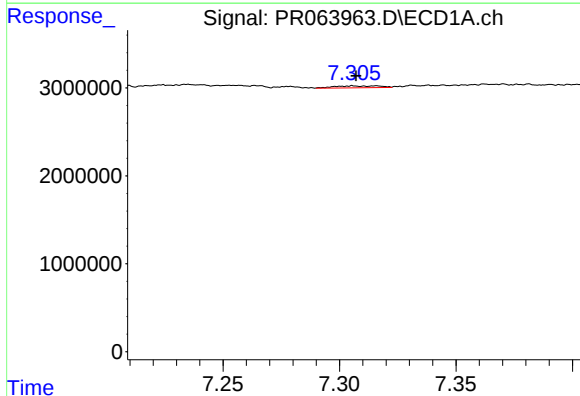
R.T.: 6.847 min
Delta R.T.: -0.001 min
Response: 1892988
Conc: 7.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



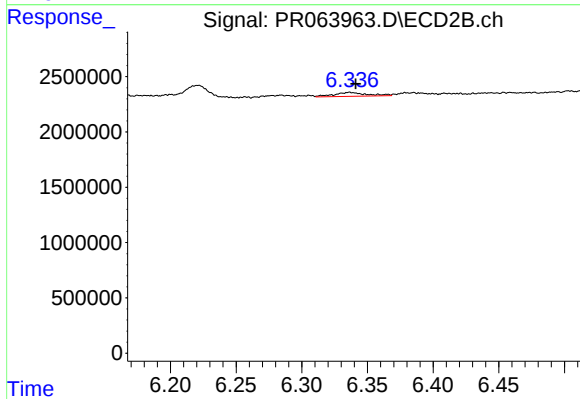
#29 AR-1254-4

R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 2515060
Conc: 13.96 ng/ml



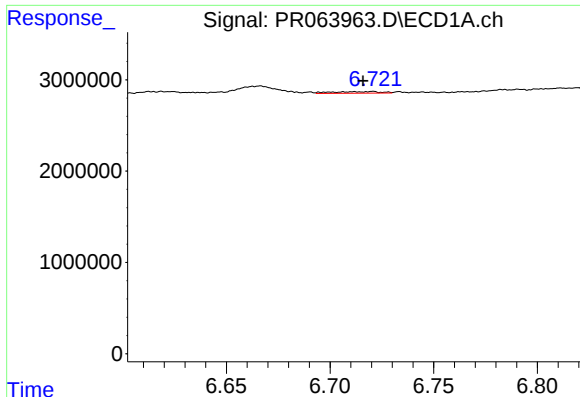
#30 AR-1254-5

R.T.: 7.306 min
Delta R.T.: -0.001 min
Response: 288464
Conc: 1.06 ng/ml



#30 AR-1254-5

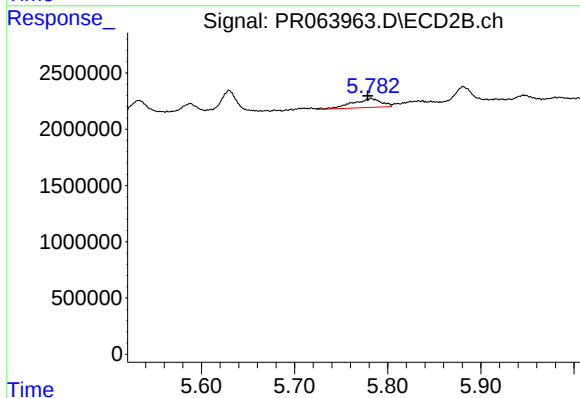
R.T.: 6.336 min
Delta R.T.: -0.005 min
Response: 613979
Conc: 2.29 ng/ml



#31 AR-1260-1

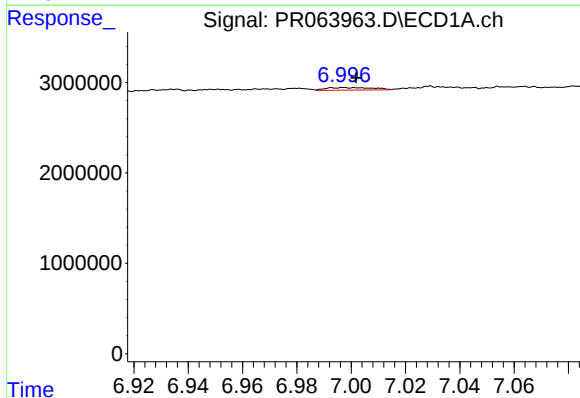
R.T.: 6.720 min
Delta R.T.: 0.005 min
Response: 281954
Conc: 1.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



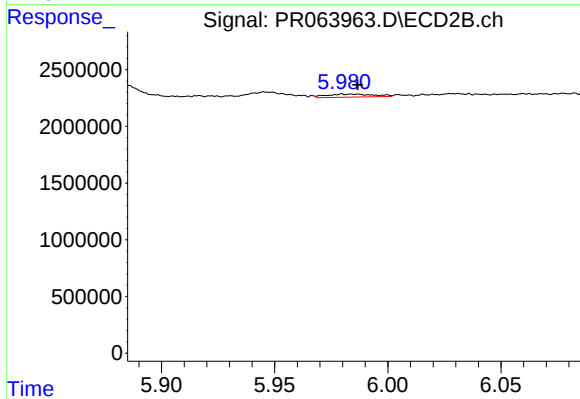
#31 AR-1260-1

R.T.: 5.782 min
Delta R.T.: 0.004 min
Response: 1734458
Conc: 8.10 ng/ml



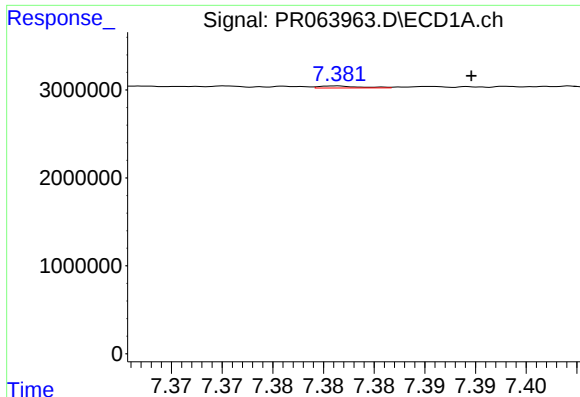
#32 AR-1260-2

R.T.: 6.998 min
Delta R.T.: -0.004 min
Response: 339389
Conc: 1.06 ng/ml



#32 AR-1260-2

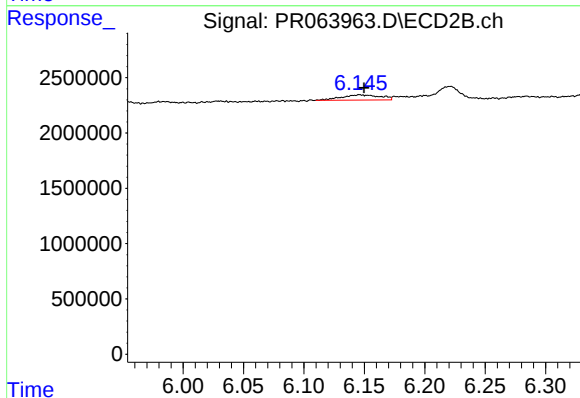
R.T.: 5.980 min
Delta R.T.: -0.007 min
Response: 385645
Conc: 1.51 ng/ml



#33 AR-1260-3

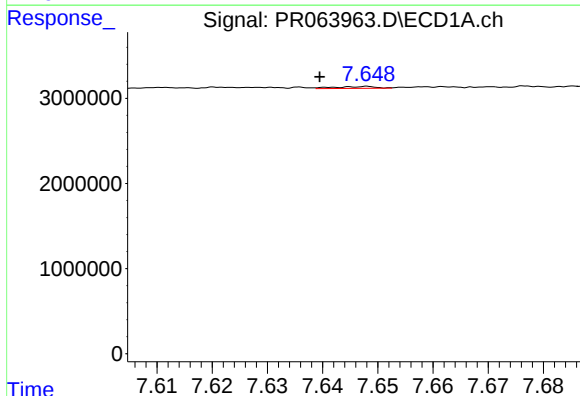
R.T.: 7.381 min
Delta R.T.: -0.013 min
Response: 66730
Conc: 0.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



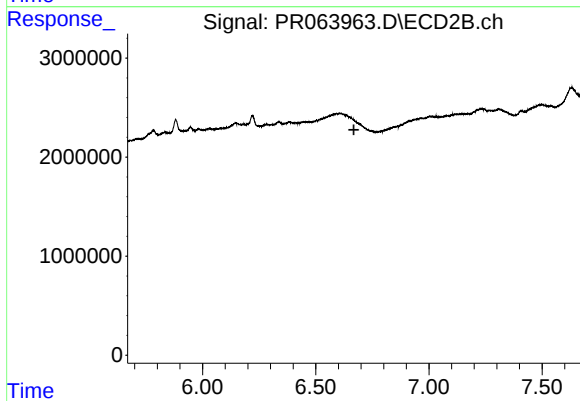
#33 AR-1260-3

R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 1031699
Conc: 4.09 ng/ml



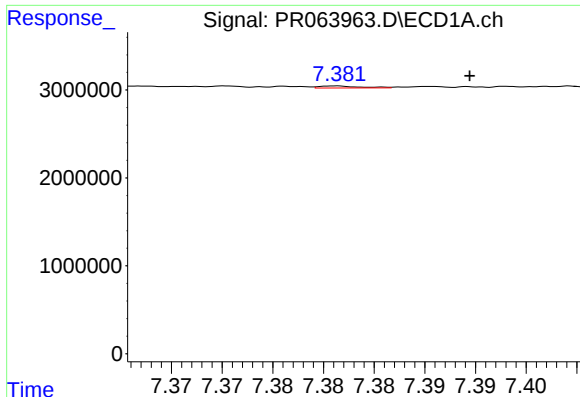
#34 AR-1260-4

R.T.: 7.648 min
Delta R.T.: 0.008 min
Response: 120003
Conc: 0.49 ng/ml



#34 AR-1260-4

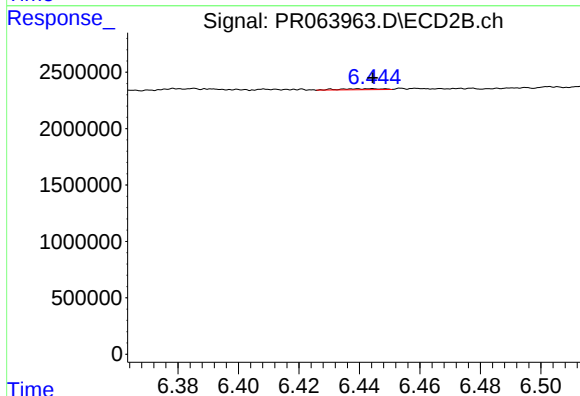
R.T.: 0.000 min
Exp R.T. : 6.668 min
Response: 0
Conc: N.D.



#36 AR-1262-1

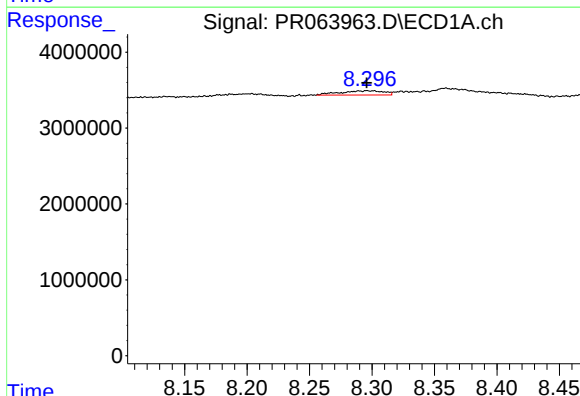
R.T.: 7.381 min
Delta R.T.: -0.013 min
Response: 66730
Conc: 0.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



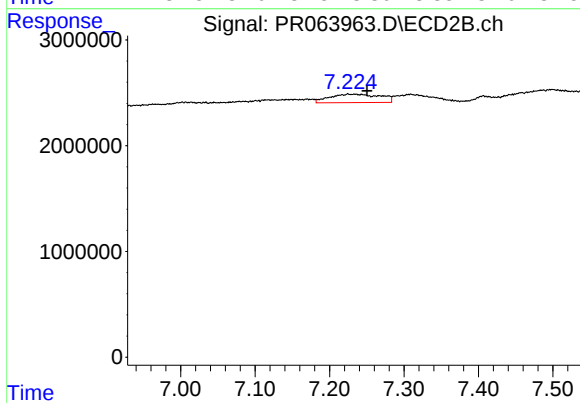
#36 AR-1262-1

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 83612
Conc: 0.77 ng/ml



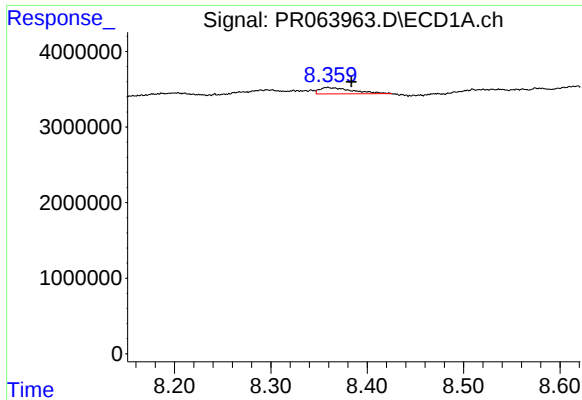
#38 AR-1262-3

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 1345337
Conc: 3.59 ng/ml



#38 AR-1262-3

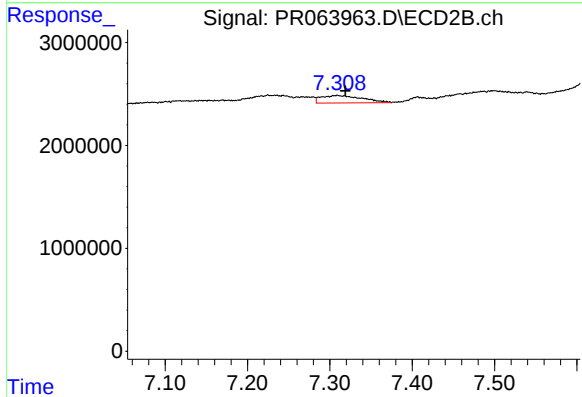
R.T.: 7.225 min
Delta R.T.: -0.025 min
Response: 3759160
Conc: 21.86 ng/ml



#39 AR-1262-4

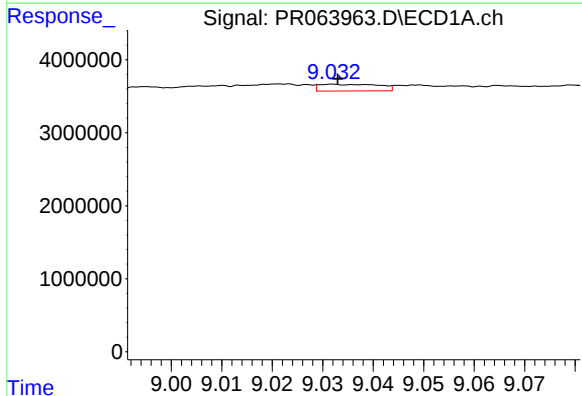
R.T.: 8.359 min
Delta R.T.: -0.025 min
Response: 2005012
Conc: 7.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



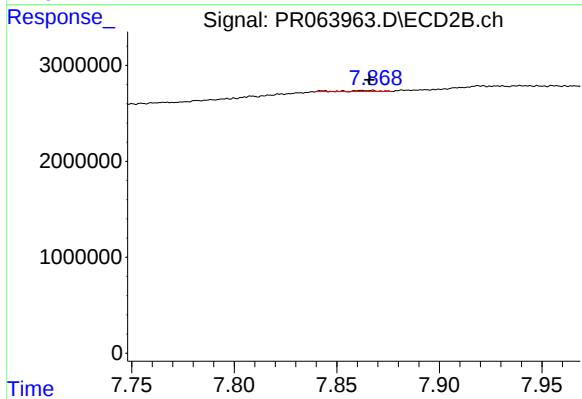
#39 AR-1262-4

R.T.: 7.309 min
Delta R.T.: -0.010 min
Response: 2542874
Conc: 7.95 ng/ml



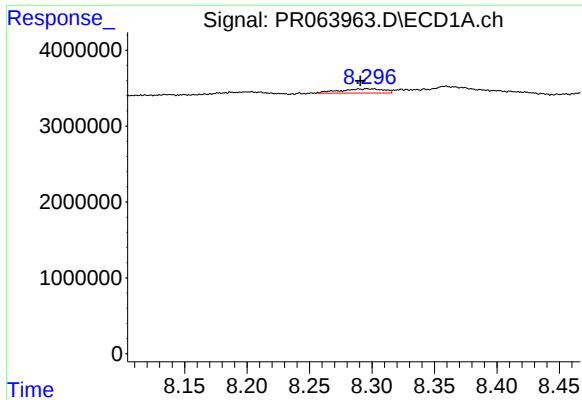
#40 AR-1262-5

R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 756155
Conc: 3.68 ng/ml



#40 AR-1262-5

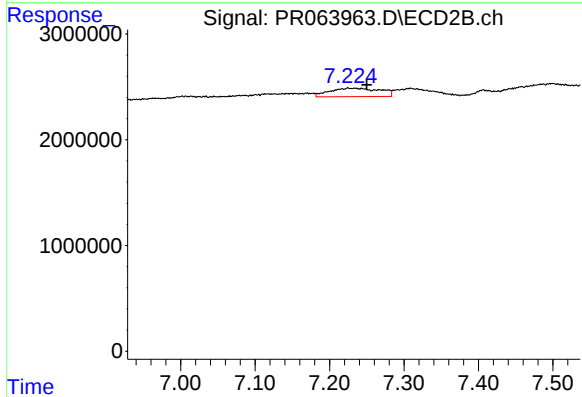
R.T.: 7.867 min
Delta R.T.: 0.001 min
Response: 133694
Conc: 0.95 ng/ml



#41 AR-1268-1

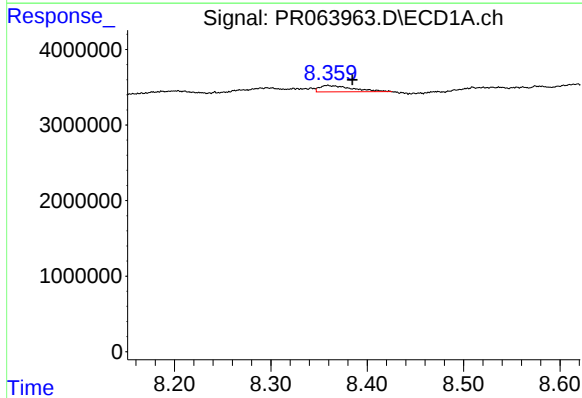
R.T.: 8.296 min
Delta R.T.: 0.005 min
Response: 1345337
Conc: 2.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



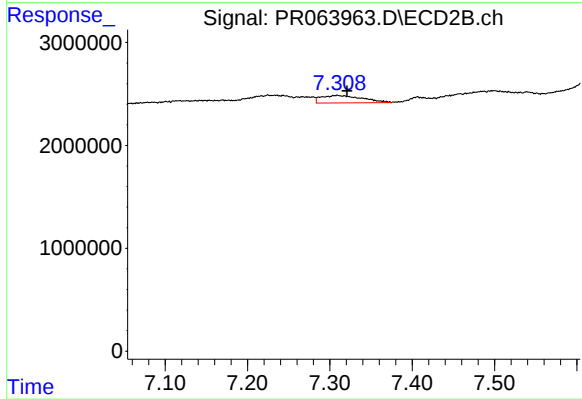
#41 AR-1268-1

R.T.: 7.225 min
Delta R.T.: -0.025 min
Response: 3759160
Conc: 7.77 ng/ml



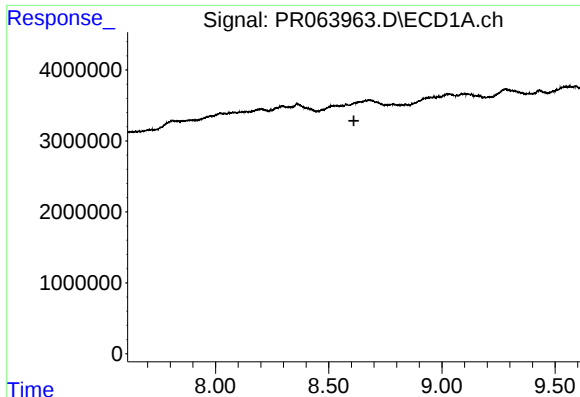
#42 AR-1268-2

R.T.: 8.359 min
Delta R.T.: -0.026 min
Response: 2005012
Conc: 3.47 ng/ml



#42 AR-1268-2

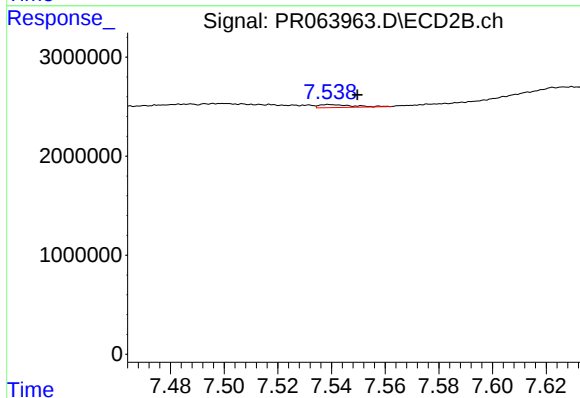
R.T.: 7.309 min
Delta R.T.: -0.012 min
Response: 2542874
Conc: 5.72 ng/ml



#43 AR-1268-3

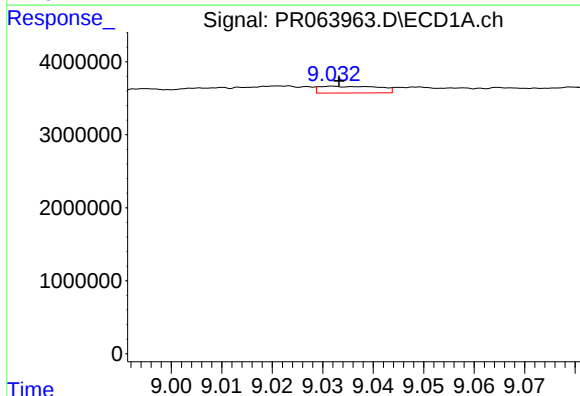
R.T.: 0.000 min
Exp R.T.: 8.611 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



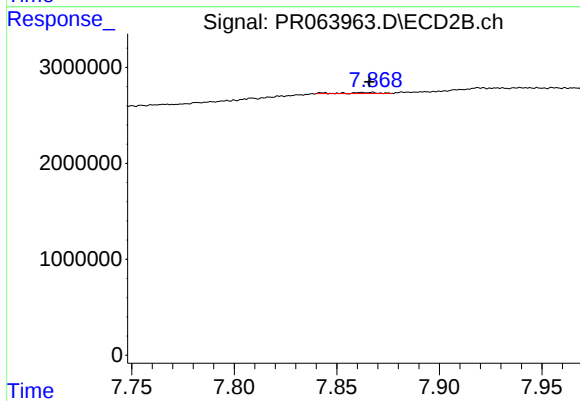
#43 AR-1268-3

R.T.: 7.539 min
Delta R.T.: -0.010 min
Response: 250252
Conc: 0.67 ng/ml



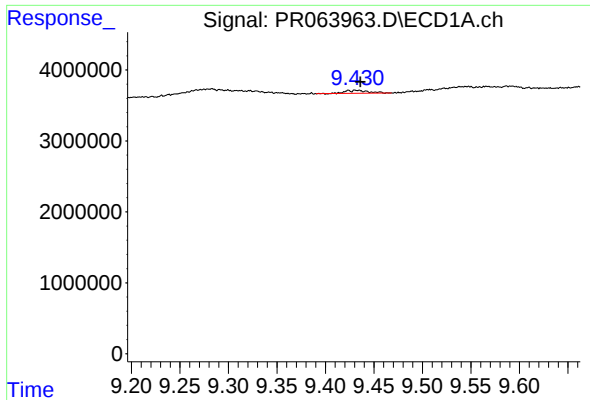
#44 AR-1268-4

R.T.: 9.032 min
Delta R.T.: -0.001 min
Response: 756155
Conc: 3.44 ng/ml



#44 AR-1268-4

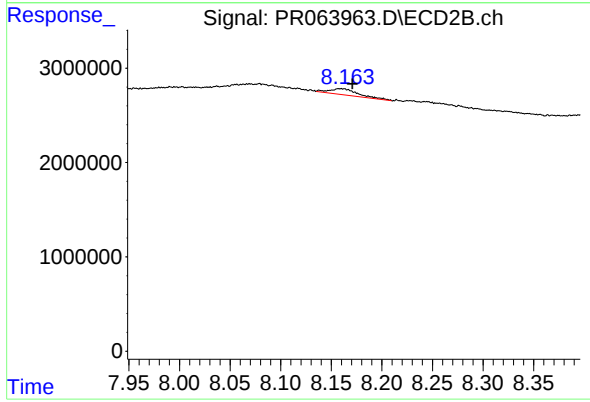
R.T.: 7.867 min
Delta R.T.: 0.001 min
Response: 133694
Conc: 0.89 ng/ml



#45 AR-1268-5

R.T.: 9.431 min
Delta R.T.: -0.005 min
Response: 693554
Conc: 0.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.158 min
Delta R.T.: -0.012 min
Response: 1218504
Conc: 1.10 ng/ml