

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101123\
 Data File : PR063958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 10:11
 Operator : AJ\MA
 Sample : 04699-03
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 22:14:18 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	134.7E6	85767899	21.340	21.942
2)	SA Decachlor...	9.759	8.428	108.3E6	68129977	22.948	22.348
Target Compounds							
3)	L1 AR-1016-1	4.979	4.176	2230506	2064409	10.648	14.505 #
4)	L1 AR-1016-2	5.002	4.195	3146222	2367678	10.110	12.116
5)	L1 AR-1016-3	5.068	4.380	2438810	3134475	12.732	28.293 #
6)	L1 AR-1016-4	5.170	4.432	1356880	1847470	9.045	21.077 #
7)	L1 AR-1016-5	5.489	4.654	1310724	3478294	8.838	31.546 #
8)	L2 AR-1221-1	3.964	3.257	1463025	760205	19.759	15.751
9)	L2 AR-1221-2	4.053	3.338	2269861	1701503	43.118	45.946
10)	L2 AR-1221-3	4.134	3.425	4091631	2600856	24.324	23.446
11)	L3 AR-1232-1	4.134	3.425	4091631	2600856	32.142	30.541
12)	L3 AR-1232-2	4.688	4.195	1801693	2367678	24.596	27.160
13)	L3 AR-1232-3	5.002	4.380	3146222	3134475	22.656	65.048 #
14)	L3 AR-1232-4	5.170	4.473	1356880	2848724	19.334	68.225 #
15)	L3 AR-1232-5	5.276	4.654	1189366	3478294	23.218	72.772 #
16)	L4 AR-1242-1	4.979	4.176	2230506	2064409	14.221	19.167 #
17)	L4 AR-1242-2	5.002	4.195	3146222	2367678	13.276	16.106
18)	L4 AR-1242-3	5.068	4.380	2438810	3134475	16.149	38.389 #
19)	L4 AR-1242-4	5.170	4.473	1356880	2848724	11.231	35.346 #
20)	L4 AR-1242-5	5.971	5.034	2850528	2919932	23.048	28.159
21)	L5 AR-1248-1	4.979	4.176	2230506	2064409	18.420	24.524 #
22)	L5 AR-1248-2	5.276	4.432	1189366	1847470	6.979	15.958 #
23)	L5 AR-1248-3	5.489	4.473	1310724	2848724	6.595	24.066 #
24)	L5 AR-1248-4	5.928	4.654	1929301	3478294	9.105	24.492 #
25)	L5 AR-1248-5	5.971	5.076	2850528	4102961	12.960	29.488 #
26)	L6 AR-1254-1	5.898	5.034	3921130	2919932	17.906	14.314
27)	L6 AR-1254-2	6.135	5.199	1428721	4380876	4.260	23.817 #
28)	L6 AR-1254-3	6.521	5.629	2962052	1120697	8.778	3.862 #
29)	L6 AR-1254-4	6.864f	5.883	-3128	3659991	N.D.	20.309 #
30)	L6 AR-1254-5	7.310	6.346	67364	588500	0.247	2.195 #
31)	L7 AR-1260-1	6.713	5.785	109949	563349	0.401	2.629 #
32)	L7 AR-1260-2	7.030f	0.000	2126819	0	6.633	N.D. #
33)	L7 AR-1260-3	7.392	6.158	236316	7193670	1.207	28.538 #
35)	L7 AR-1260-5	8.005f	6.943	1311970	-561499	2.898	N.D. #
36)	L8 AR-1262-1	7.392	6.459	236316	210112	0.725	1.940 #
37)	L8 AR-1262-2	8.005f	0.000	1311970	0	2.315	N.D. #
38)	L8 AR-1262-3	8.306	7.232f	1125842	7056824	3.004	41.034 #
39)	L8 AR-1262-4	8.387	7.311	178658	1934423	0.631	6.045 #
40)	L8 AR-1262-5	9.029	0.000	872832	0	4.250	N.D. #
41)	L9 AR-1268-1	8.306f	7.232f	1125842	7056824	1.742	14.577 #
42)	L9 AR-1268-2	8.387	7.311	178658	1934423	0.309	4.350 #

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 Operator : AJ\MA
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 Misc : AR1232 MDL 25 PPB
 ALS Vial : 76 Sample Multiplier: 1

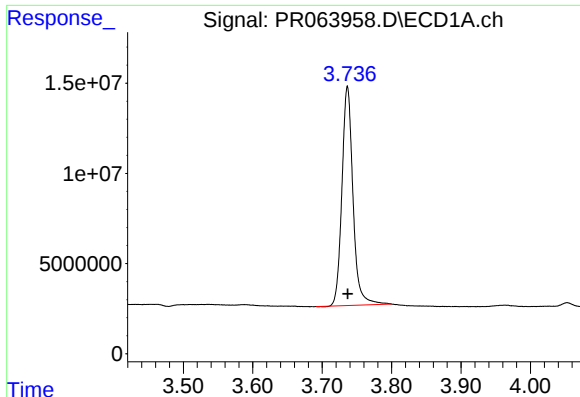
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 22:14:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
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 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
43) L9	AR-1268-3	8.613	7.524f	2106960	397550	4.042	1.061 #
44) L9	AR-1268-4	9.029	0.000	872832	0	3.974	N.D. #
45) L9	AR-1268-5	9.434	0.000	537825	0	0.324	N.D. #

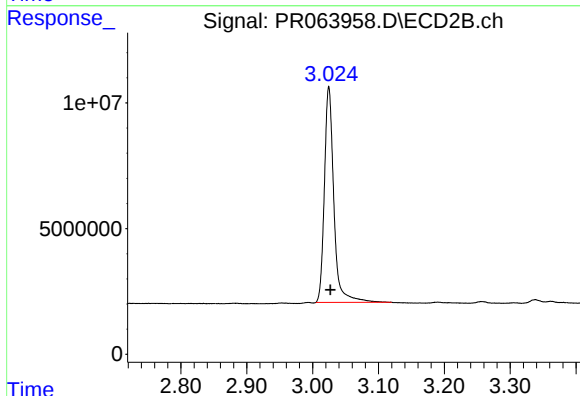
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

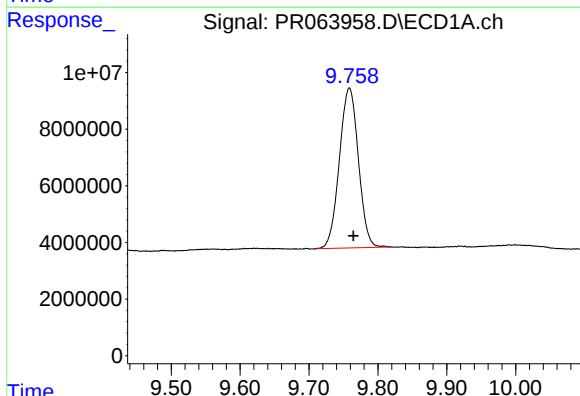
R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 134667967
Conc: 21.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



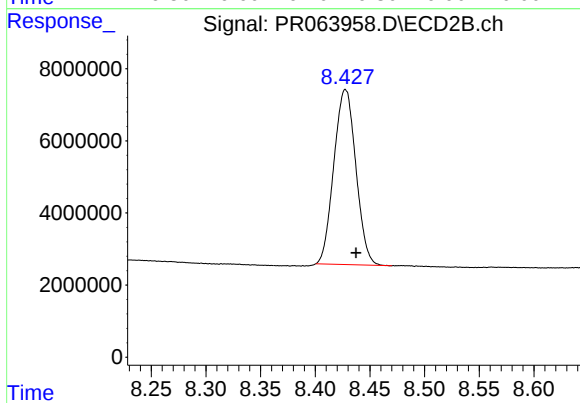
#1 Tetrachloro-m-xylene

R.T.: 3.025 min
Delta R.T.: -0.002 min
Response: 85767899
Conc: 21.94 ng/ml



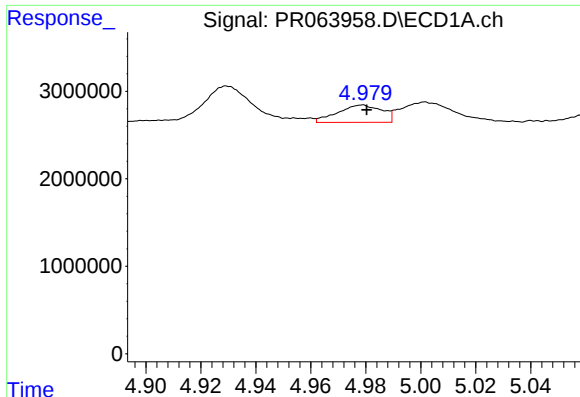
#2 Decachlorobiphenyl

R.T.: 9.759 min
Delta R.T.: -0.006 min
Response: 108290013
Conc: 22.95 ng/ml



#2 Decachlorobiphenyl

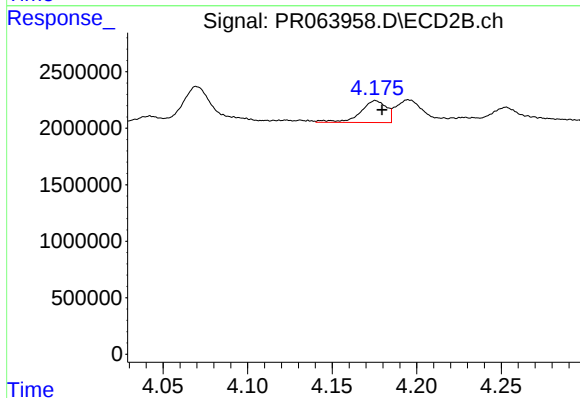
R.T.: 8.428 min
Delta R.T.: -0.010 min
Response: 68129977
Conc: 22.35 ng/ml



#3 AR-1016-1

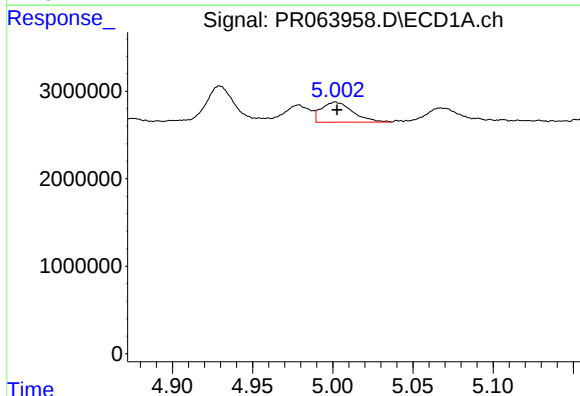
R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 2230506
Conc: 10.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



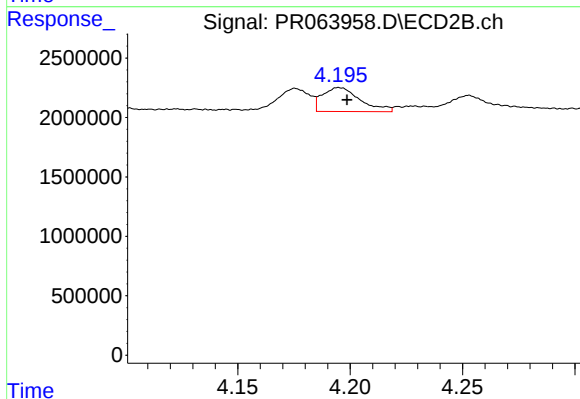
#3 AR-1016-1

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 2064409
Conc: 14.50 ng/ml



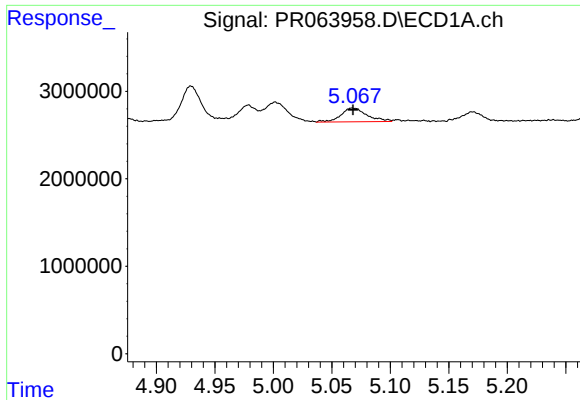
#4 AR-1016-2

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 3146222
Conc: 10.11 ng/ml



#4 AR-1016-2

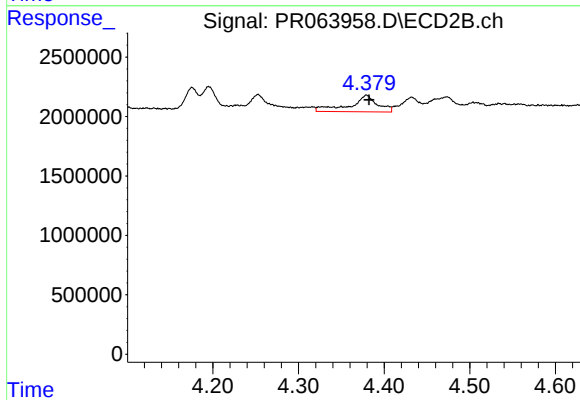
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 2367678
Conc: 12.12 ng/ml



#5 AR-1016-3

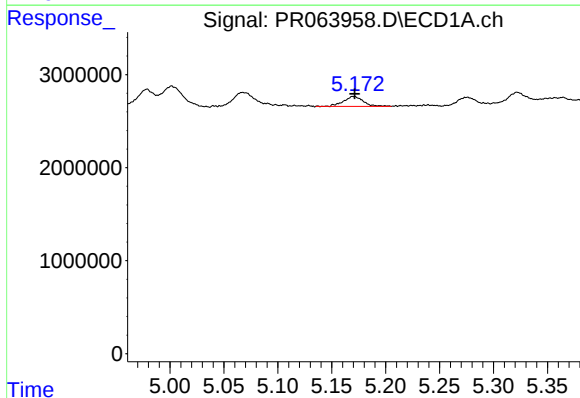
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 2438810
Conc: 12.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



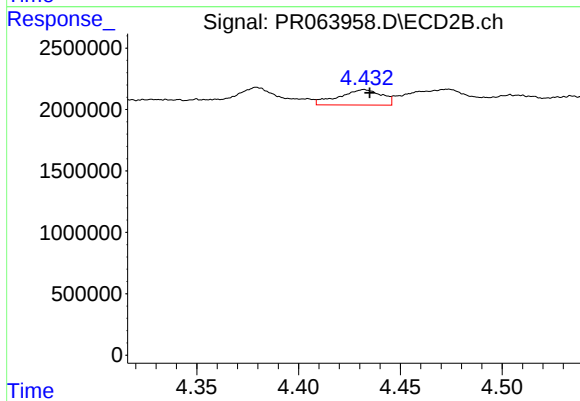
#5 AR-1016-3

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 3134475
Conc: 28.29 ng/ml



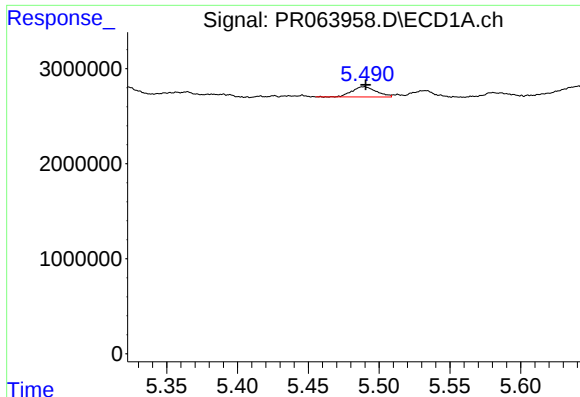
#6 AR-1016-4

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 1356880
Conc: 9.05 ng/ml



#6 AR-1016-4

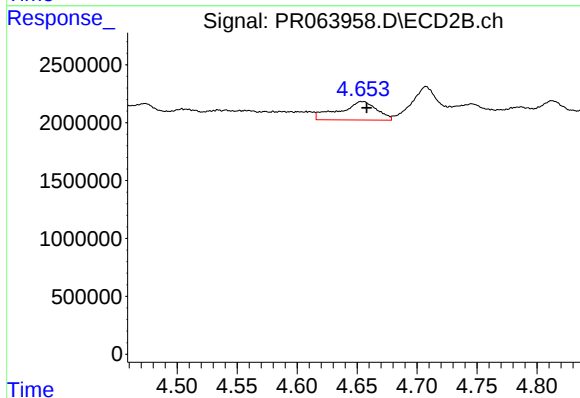
R.T.: 4.432 min
Delta R.T.: -0.003 min
Response: 1847470
Conc: 21.08 ng/ml



#7 AR-1016-5

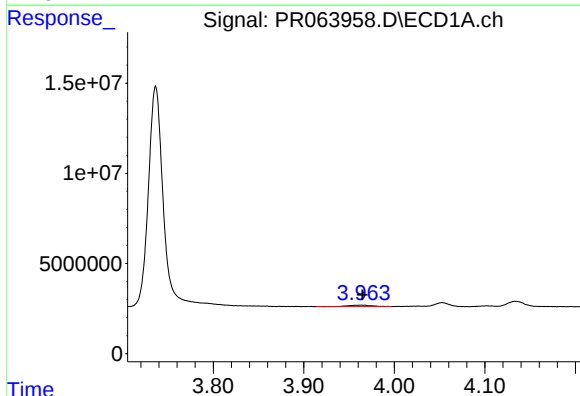
R.T.: 5.489 min
Delta R.T.: -0.001 min
Response: 1310724
Conc: 8.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



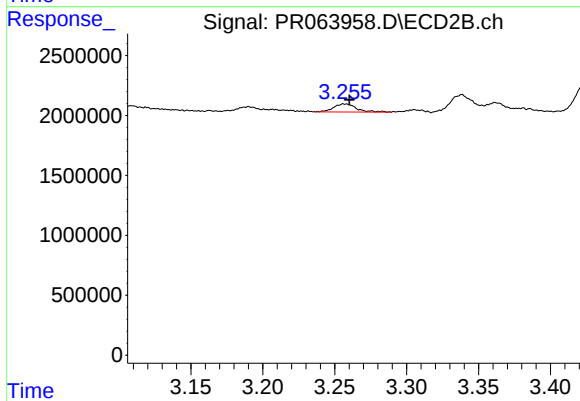
#7 AR-1016-5

R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 3478294
Conc: 31.55 ng/ml



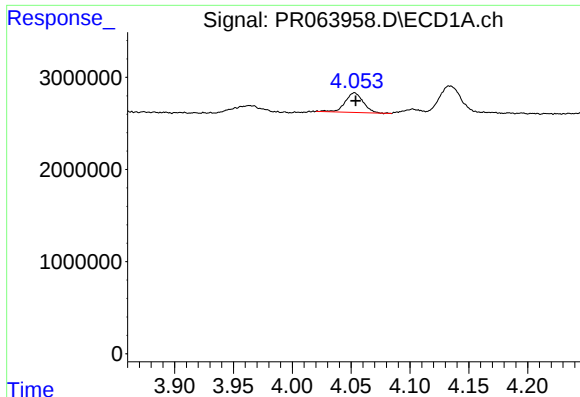
#8 AR-1221-1

R.T.: 3.964 min
Delta R.T.: -0.001 min
Response: 1463025
Conc: 19.76 ng/ml



#8 AR-1221-1

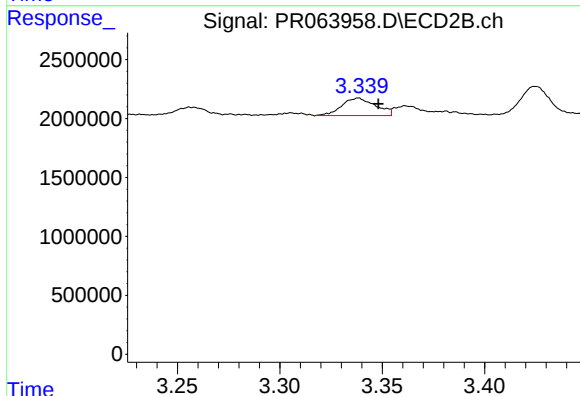
R.T.: 3.257 min
Delta R.T.: -0.003 min
Response: 760205
Conc: 15.75 ng/ml



#9 AR-1221-2

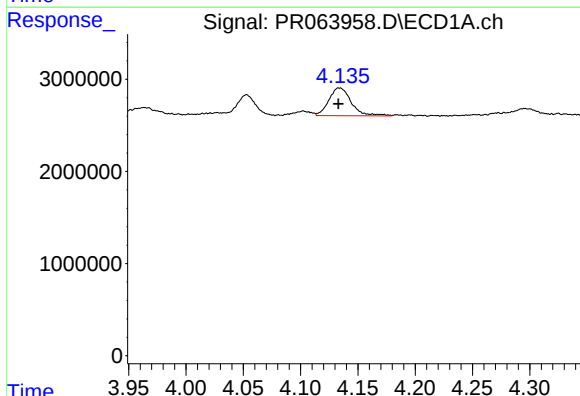
R.T.: 4.053 min
Delta R.T.: -0.001 min
Response: 2269861
Conc: 43.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



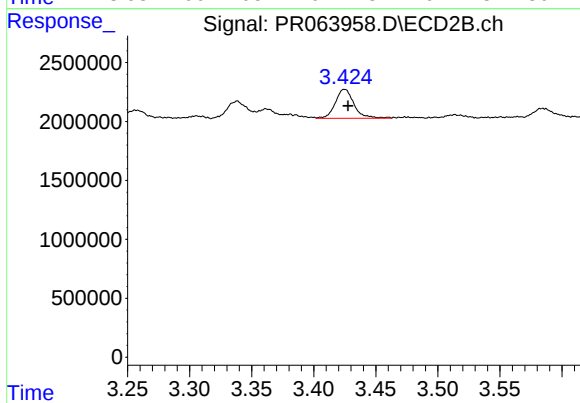
#9 AR-1221-2

R.T.: 3.338 min
Delta R.T.: -0.010 min
Response: 1701503
Conc: 45.95 ng/ml



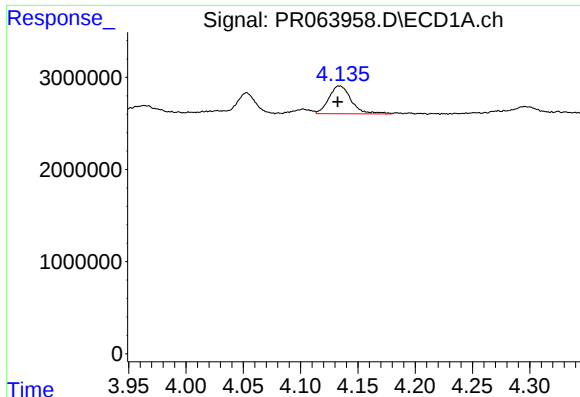
#10 AR-1221-3

R.T.: 4.134 min
Delta R.T.: 0.000 min
Response: 4091631
Conc: 24.32 ng/ml



#10 AR-1221-3

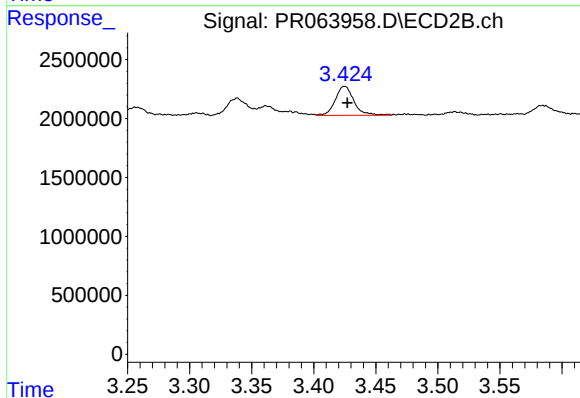
R.T.: 3.425 min
Delta R.T.: -0.003 min
Response: 2600856
Conc: 23.45 ng/ml



#11 AR-1232-1

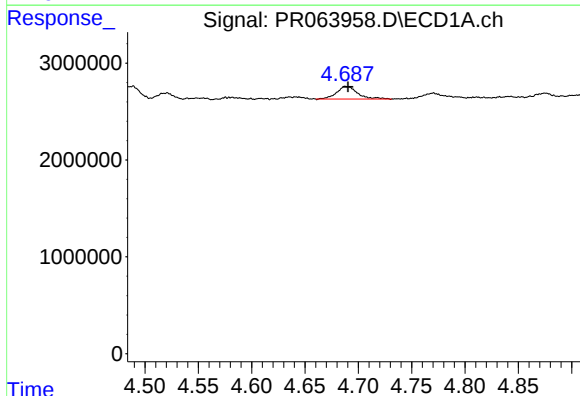
R.T.: 4.134 min
Delta R.T.: 0.001 min
Response: 4091631
Conc: 32.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



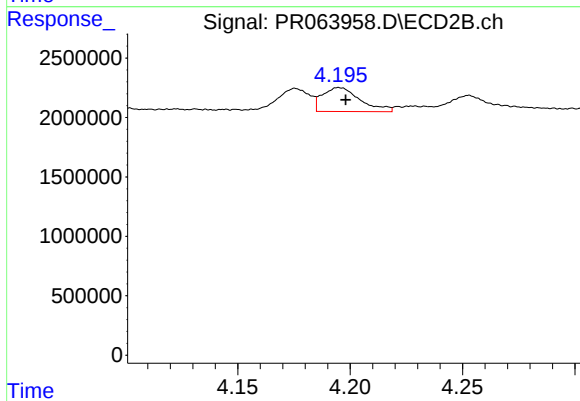
#11 AR-1232-1

R.T.: 3.425 min
Delta R.T.: -0.002 min
Response: 2600856
Conc: 30.54 ng/ml



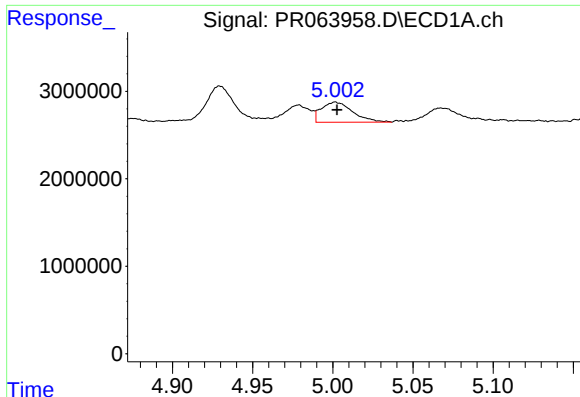
#12 AR-1232-2

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 1801693
Conc: 24.60 ng/ml



#12 AR-1232-2

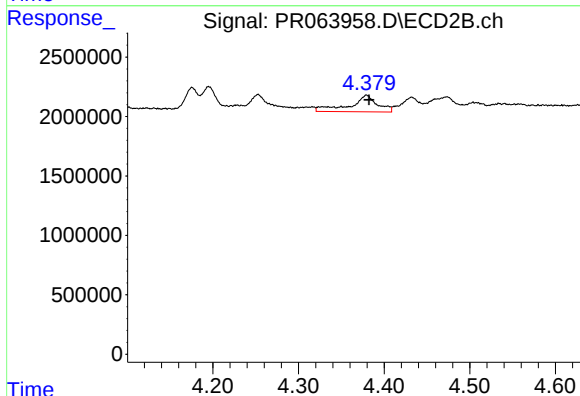
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 2367678
Conc: 27.16 ng/ml



#13 AR-1232-3

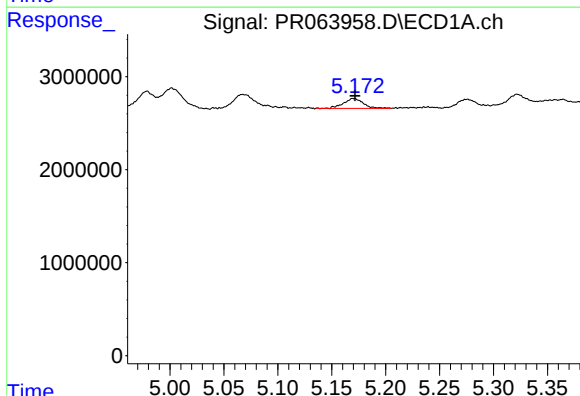
R.T.: 5.002 min
Delta R.T.: -0.001 min
Response: 3146222
Conc: 22.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



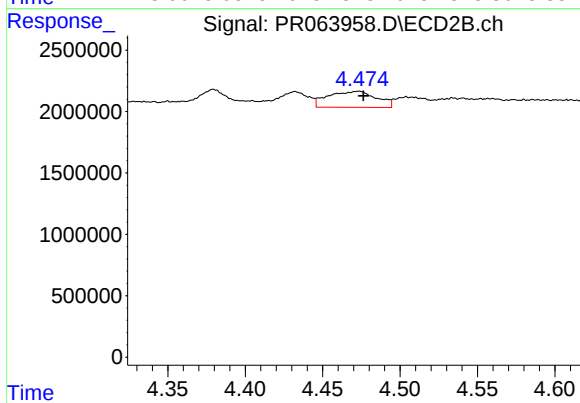
#13 AR-1232-3

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 3134475
Conc: 65.05 ng/ml



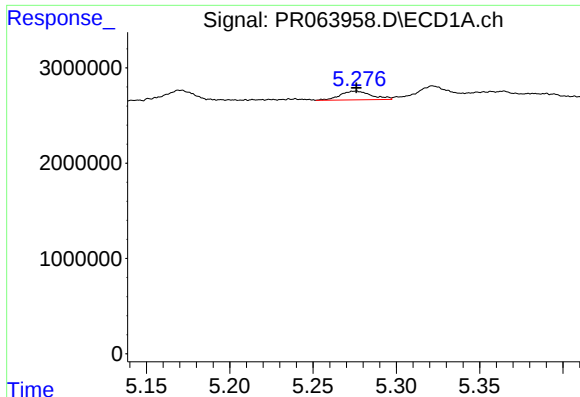
#14 AR-1232-4

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 1356880
Conc: 19.33 ng/ml



#14 AR-1232-4

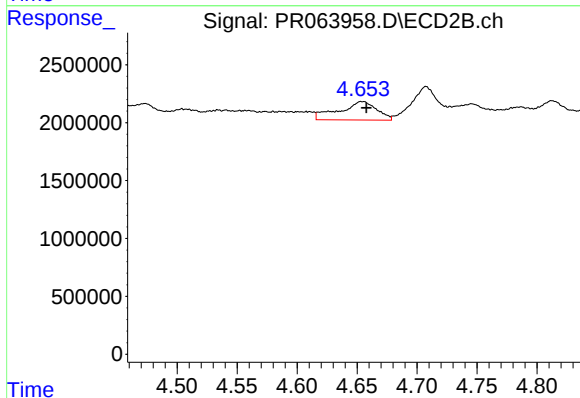
R.T.: 4.473 min
Delta R.T.: -0.003 min
Response: 2848724
Conc: 68.23 ng/ml



#15 AR-1232-5

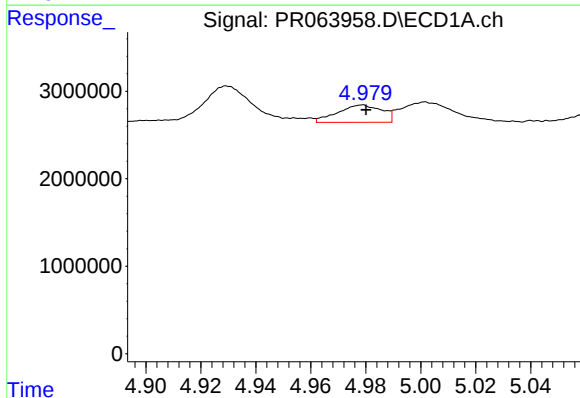
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 1189366
Conc: 23.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



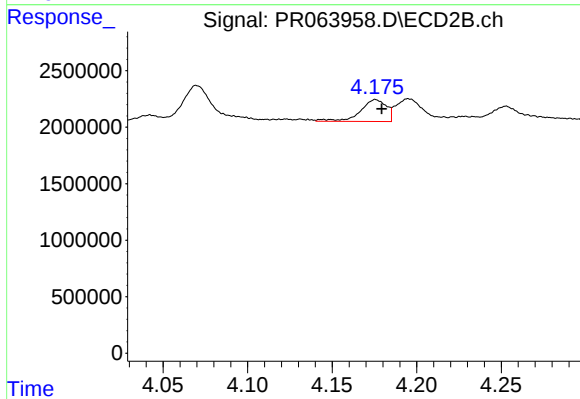
#15 AR-1232-5

R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 3478294
Conc: 72.77 ng/ml



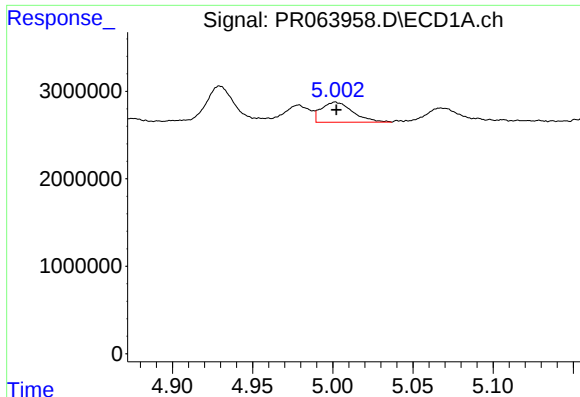
#16 AR-1242-1

R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 2230506
Conc: 14.22 ng/ml



#16 AR-1242-1

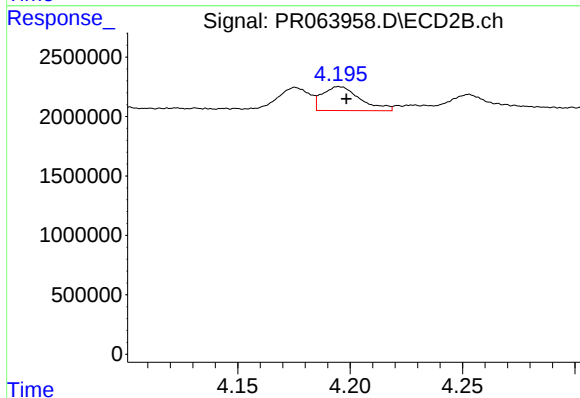
R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 2064409
Conc: 19.17 ng/ml



#17 AR-1242-2

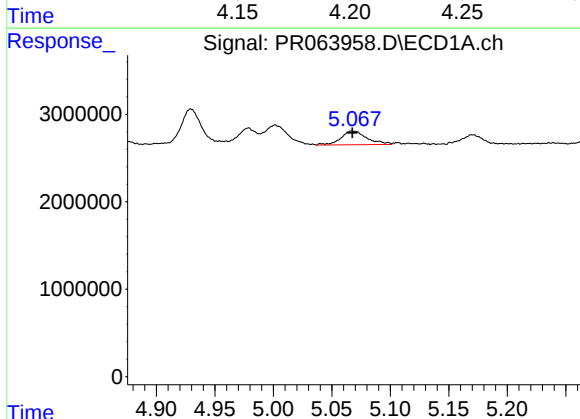
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 3146222
Conc: 13.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



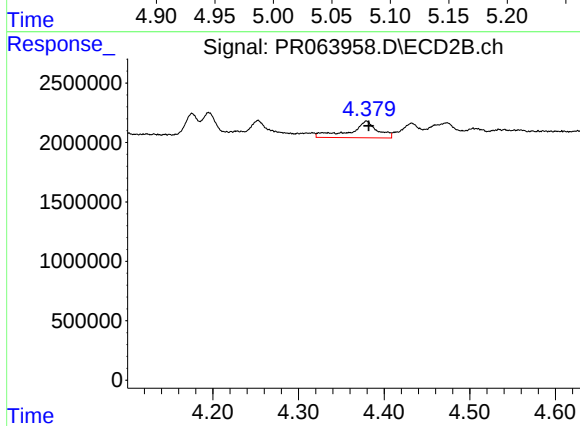
#17 AR-1242-2

R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 2367678
Conc: 16.11 ng/ml



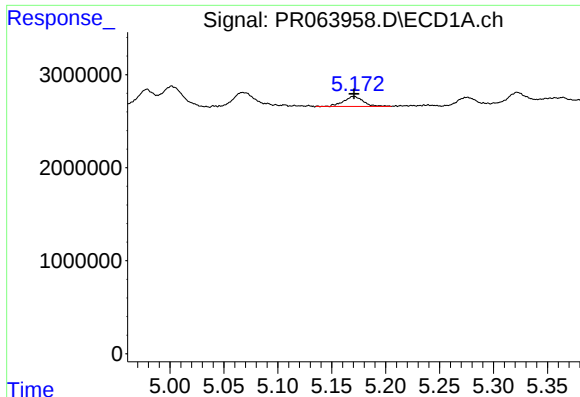
#18 AR-1242-3

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 2438810
Conc: 16.15 ng/ml



#18 AR-1242-3

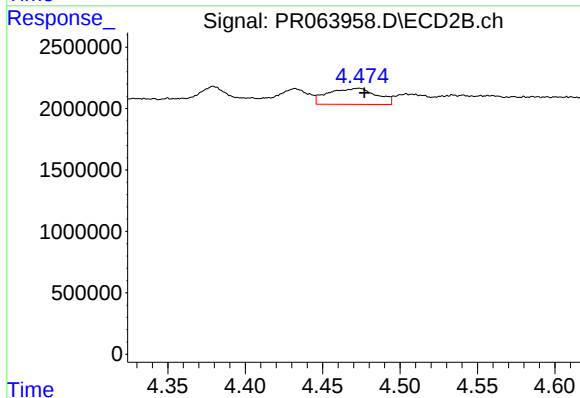
R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 3134475
Conc: 38.39 ng/ml



#19 AR-1242-4

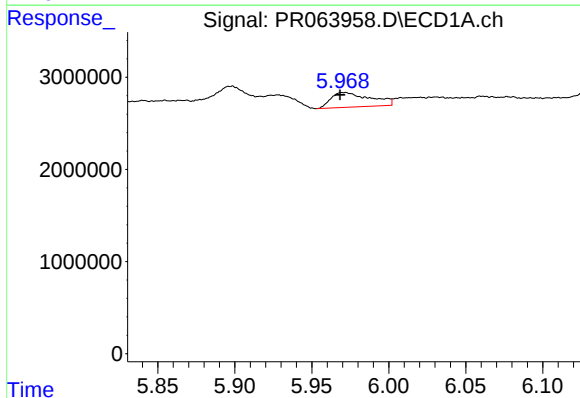
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 1356880
Conc: 11.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



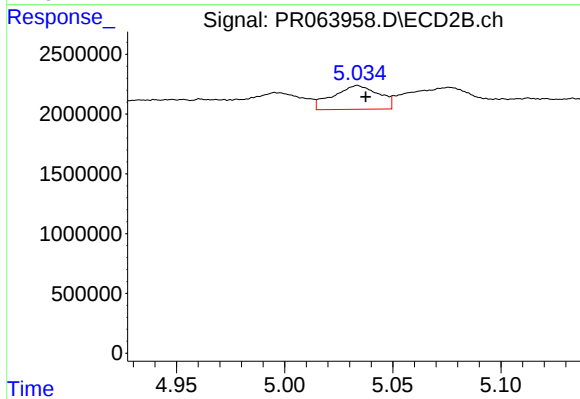
#19 AR-1242-4

R.T.: 4.473 min
Delta R.T.: -0.004 min
Response: 2848724
Conc: 35.35 ng/ml



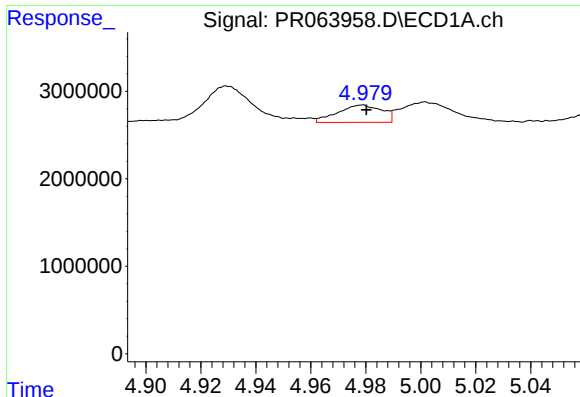
#20 AR-1242-5

R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 2850528
Conc: 23.05 ng/ml



#20 AR-1242-5

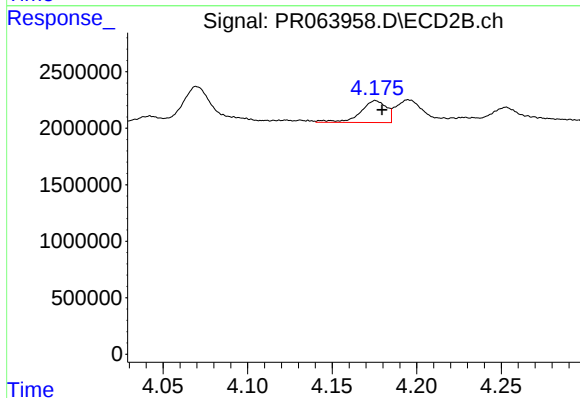
R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 2919932
Conc: 28.16 ng/ml



#21 AR-1248-1

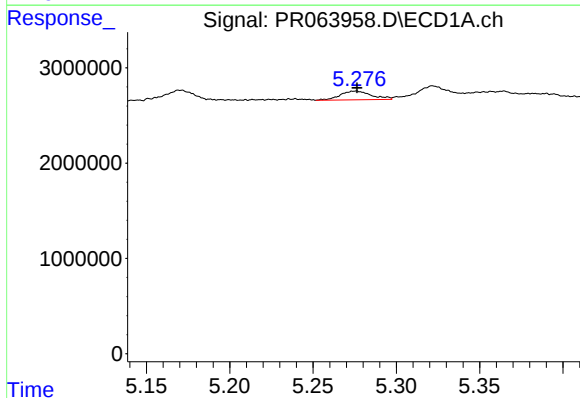
R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 2230506
Conc: 18.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



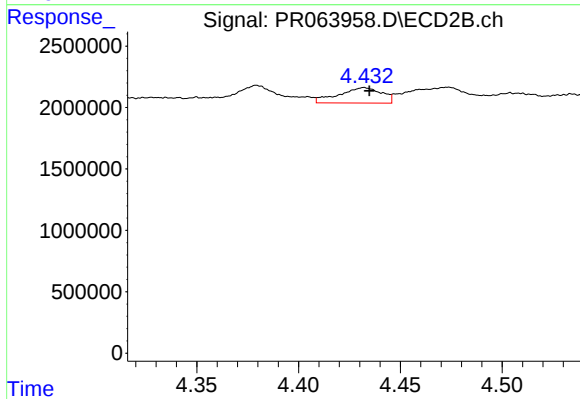
#21 AR-1248-1

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 2064409
Conc: 24.52 ng/ml



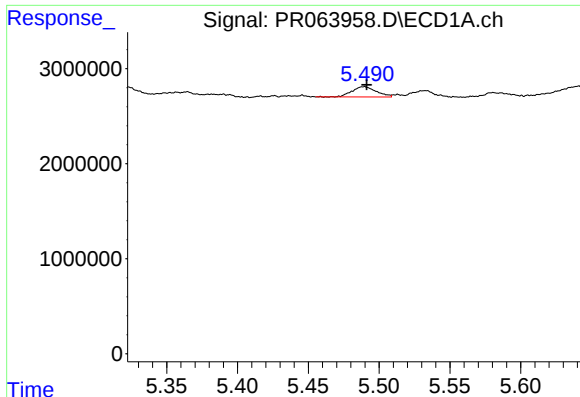
#22 AR-1248-2

R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 1189366
Conc: 6.98 ng/ml



#22 AR-1248-2

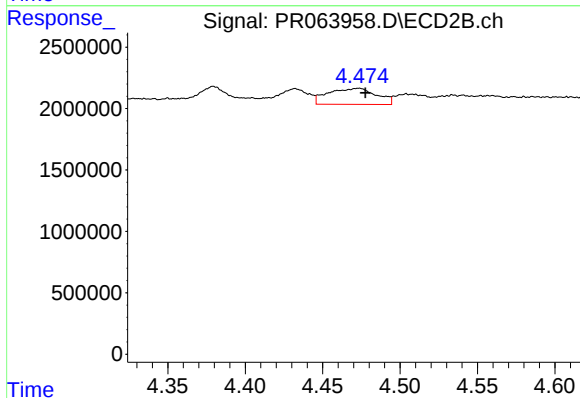
R.T.: 4.432 min
Delta R.T.: -0.003 min
Response: 1847470
Conc: 15.96 ng/ml



#23 AR-1248-3

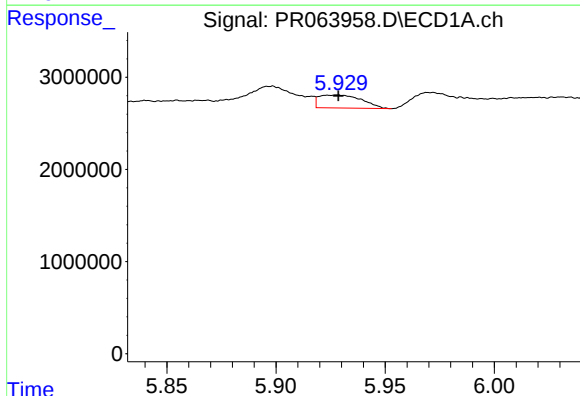
R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 1310724
Conc: 6.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



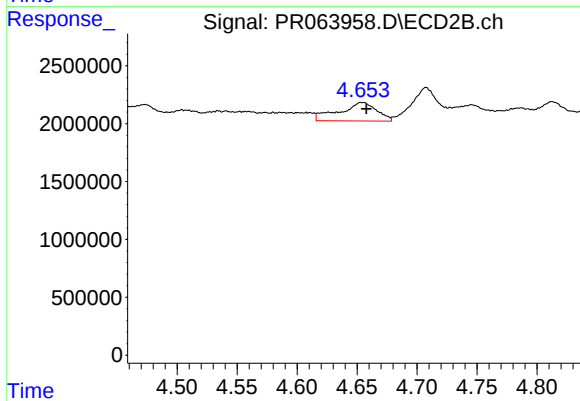
#23 AR-1248-3

R.T.: 4.473 min
Delta R.T.: -0.004 min
Response: 2848724
Conc: 24.07 ng/ml



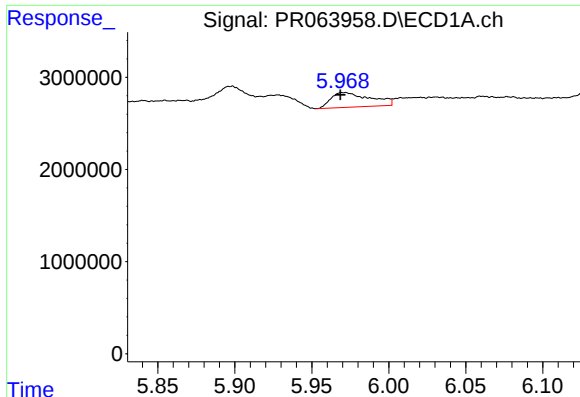
#24 AR-1248-4

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 1929301
Conc: 9.11 ng/ml



#24 AR-1248-4

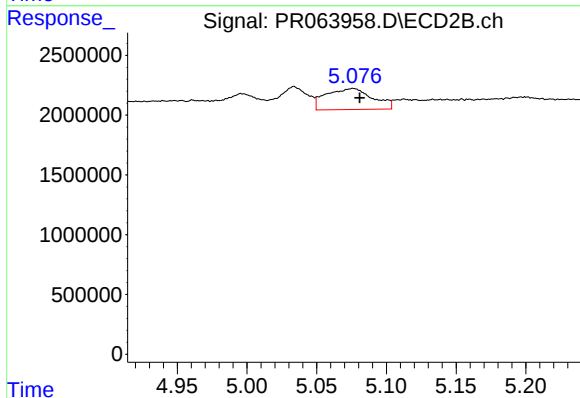
R.T.: 4.654 min
Delta R.T.: -0.003 min
Response: 3478294
Conc: 24.49 ng/ml



#25 AR-1248-5

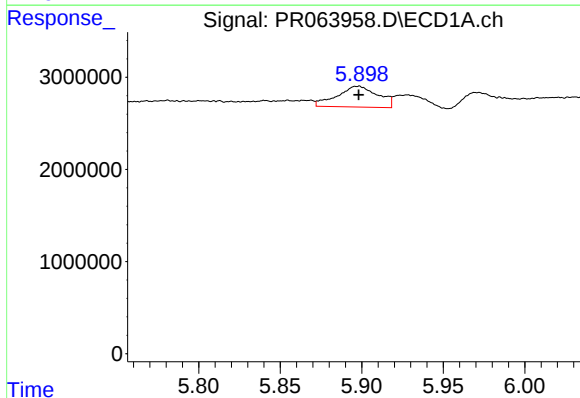
R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 2850528
Conc: 12.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



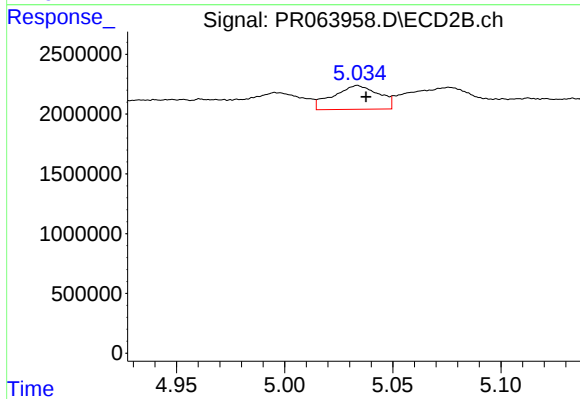
#25 AR-1248-5

R.T.: 5.076 min
Delta R.T.: -0.005 min
Response: 4102961
Conc: 29.49 ng/ml



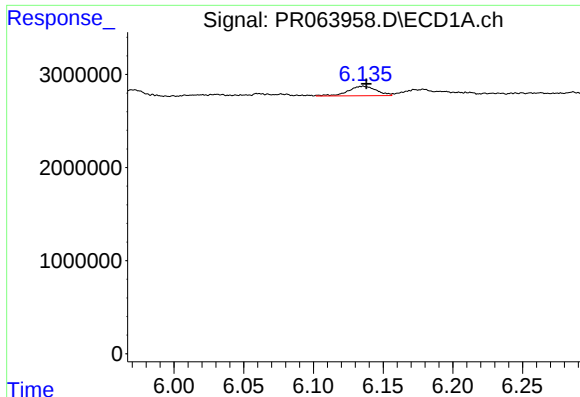
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 3921130
Conc: 17.91 ng/ml



#26 AR-1254-1

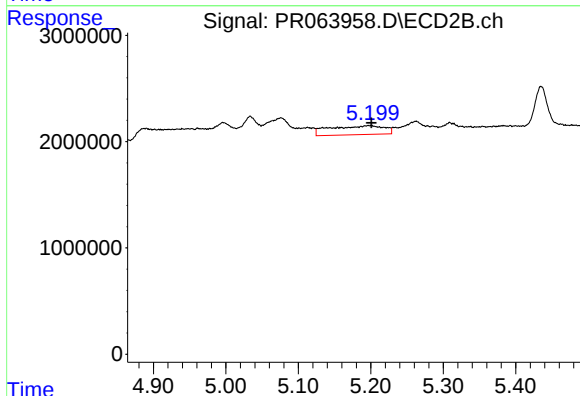
R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 2919932
Conc: 14.31 ng/ml



#27 AR-1254-2

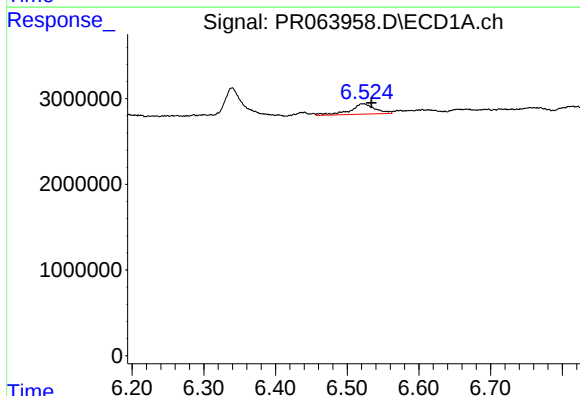
R.T.: 6.135 min
Delta R.T.: -0.003 min
Response: 1428721
Conc: 4.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



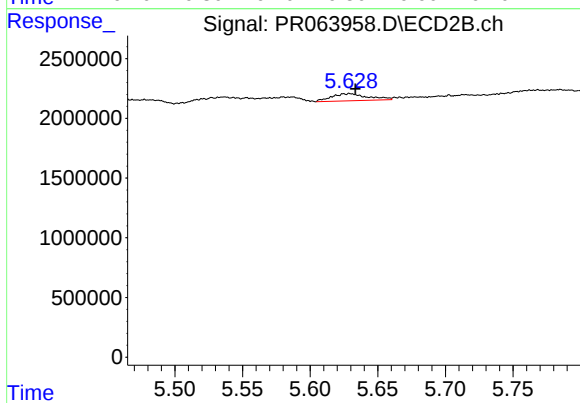
#27 AR-1254-2

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 4380876
Conc: 23.82 ng/ml



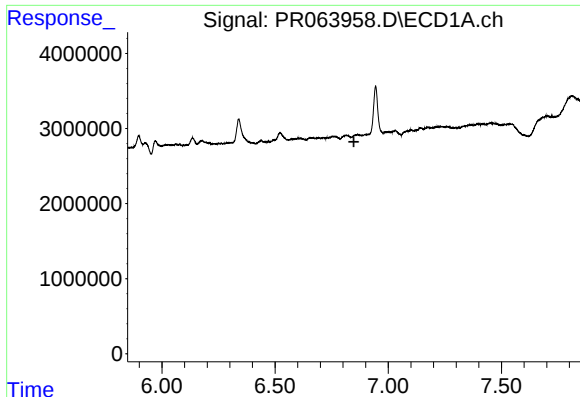
#28 AR-1254-3

R.T.: 6.521 min
Delta R.T.: -0.012 min
Response: 2962052
Conc: 8.78 ng/ml



#28 AR-1254-3

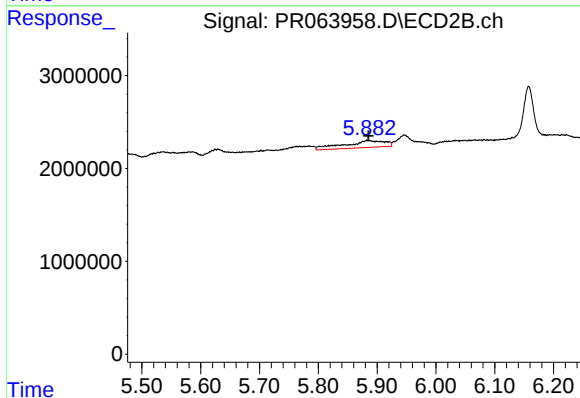
R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 1120697
Conc: 3.86 ng/ml



#29 AR-1254-4

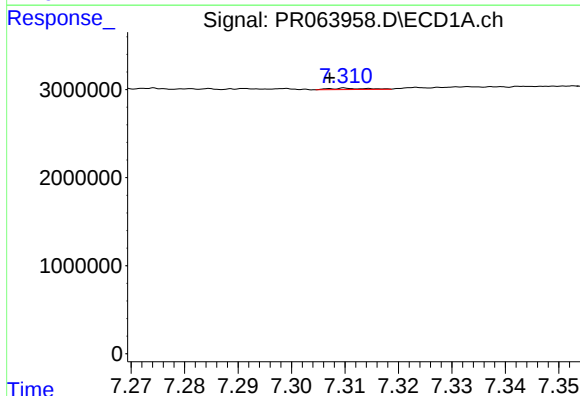
R.T.: 6.864 min
Delta R.T.: 0.016 min
Response: -3128
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



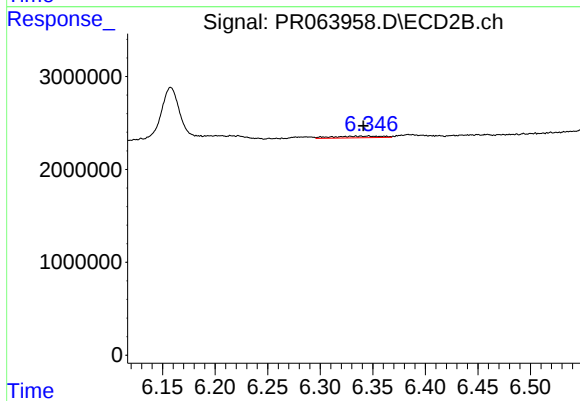
#29 AR-1254-4

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 3659991
Conc: 20.31 ng/ml



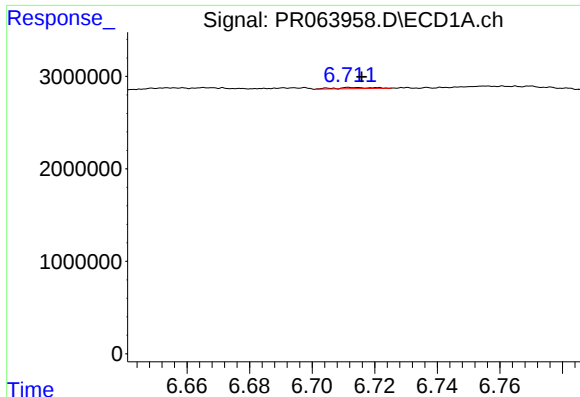
#30 AR-1254-5

R.T.: 7.310 min
Delta R.T.: 0.003 min
Response: 67364
Conc: 0.25 ng/ml



#30 AR-1254-5

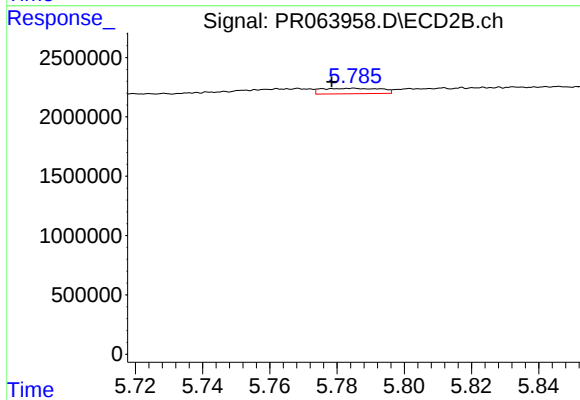
R.T.: 6.346 min
Delta R.T.: 0.005 min
Response: 588500
Conc: 2.19 ng/ml



#31 AR-1260-1

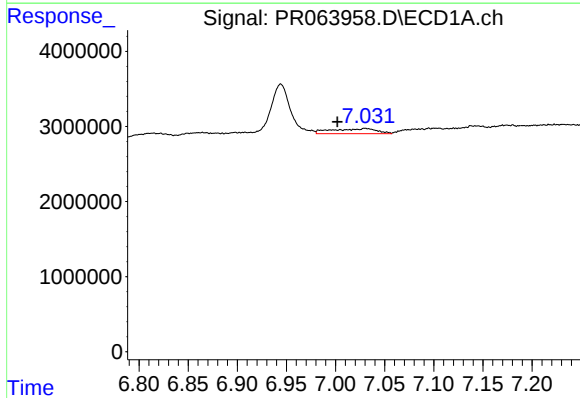
R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 109949
Conc: 0.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



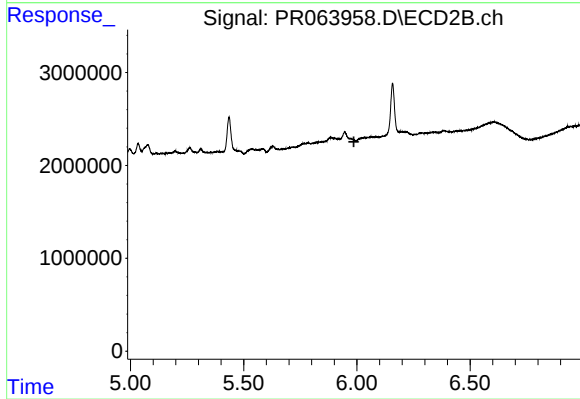
#31 AR-1260-1

R.T.: 5.785 min
Delta R.T.: 0.006 min
Response: 563349
Conc: 2.63 ng/ml



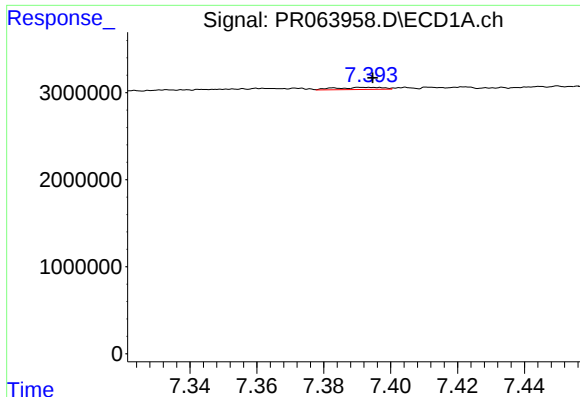
#32 AR-1260-2

R.T.: 7.030 min
Delta R.T.: 0.028 min
Response: 2126819
Conc: 6.63 ng/ml



#32 AR-1260-2

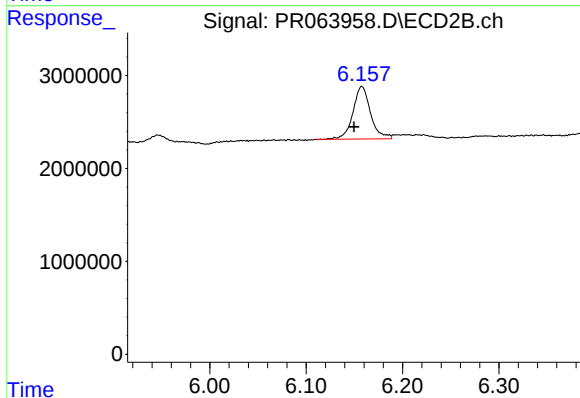
R.T.: 0.000 min
Exp R.T.: 5.987 min
Response: 0
Conc: N.D.



#33 AR-1260-3

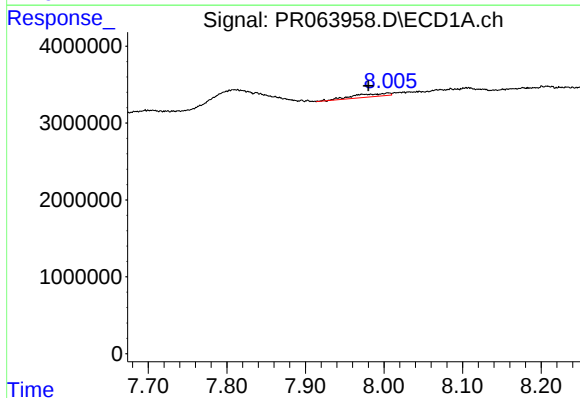
R.T.: 7.392 min
Delta R.T.: -0.002 min
Response: 236316
Conc: 1.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



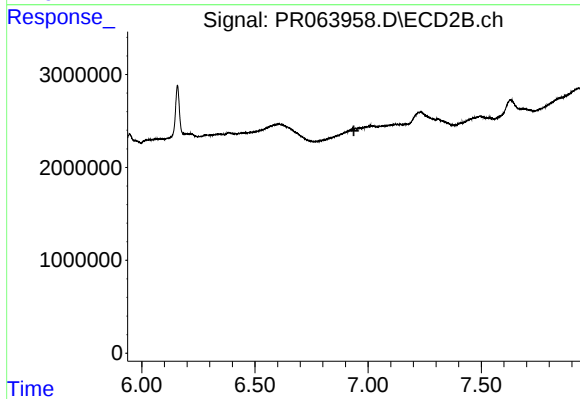
#33 AR-1260-3

R.T.: 6.158 min
Delta R.T.: 0.008 min
Response: 7193670
Conc: 28.54 ng/ml



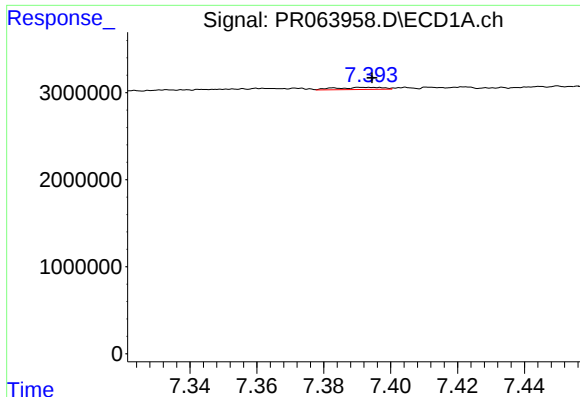
#35 AR-1260-5

R.T.: 8.005 min
Delta R.T.: 0.025 min
Response: 1311970
Conc: 2.90 ng/ml



#35 AR-1260-5

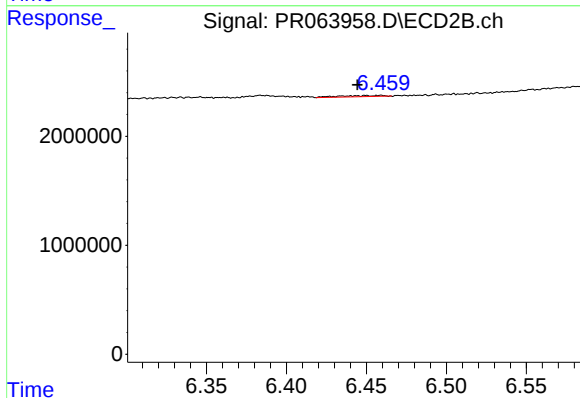
R.T.: 6.943 min
Delta R.T.: 0.006 min
Response: -561499
Conc: N.D.



#36 AR-1262-1

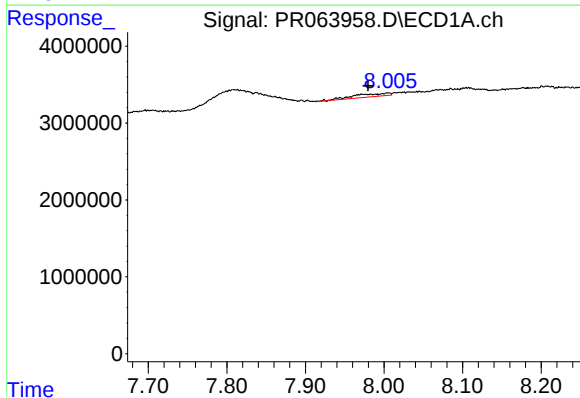
R.T.: 7.392 min
Delta R.T.: -0.002 min
Response: 236316
Conc: 0.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



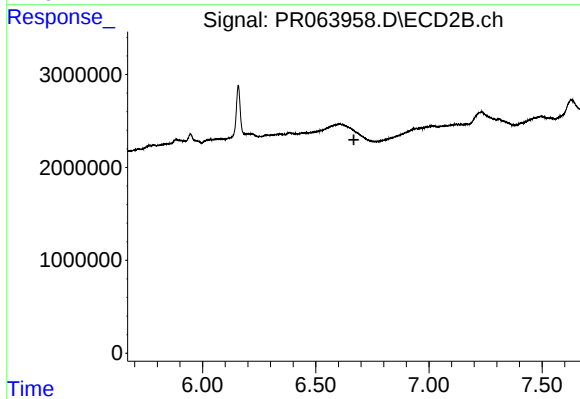
#36 AR-1262-1

R.T.: 6.459 min
Delta R.T.: 0.015 min
Response: 210112
Conc: 1.94 ng/ml



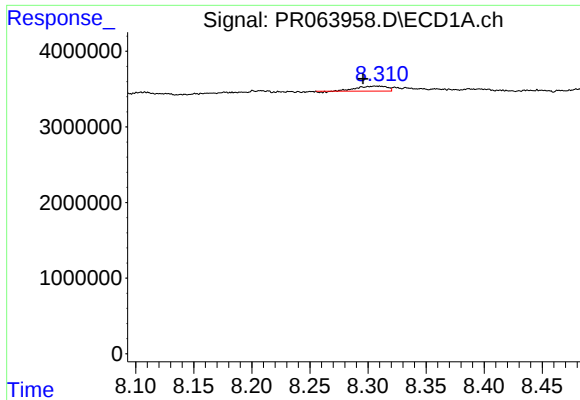
#37 AR-1262-2

R.T.: 8.005 min
Delta R.T.: 0.026 min
Response: 1311970
Conc: 2.31 ng/ml



#37 AR-1262-2

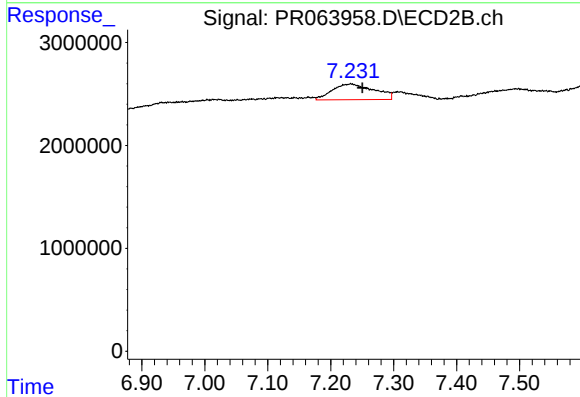
R.T.: 0.000 min
Exp R.T.: 6.668 min
Response: 0
Conc: N.D.



#38 AR-1262-3

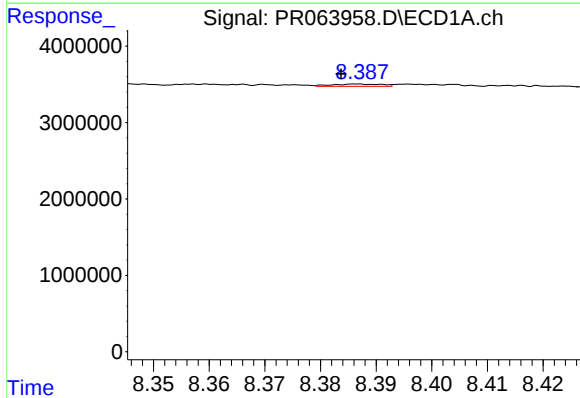
R.T.: 8.306 min
Delta R.T.: 0.011 min
Response: 1125842
Conc: 3.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



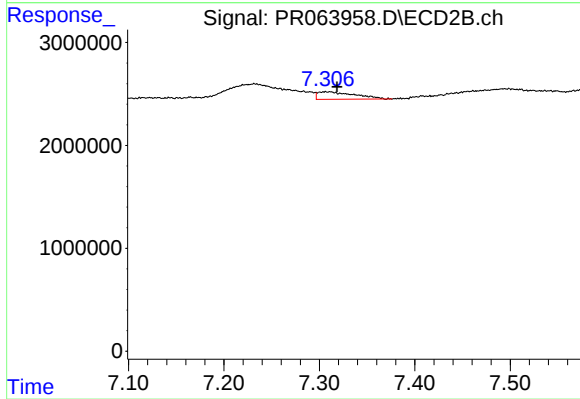
#38 AR-1262-3

R.T.: 7.232 min
Delta R.T.: -0.018 min
Response: 7056824
Conc: 41.03 ng/ml



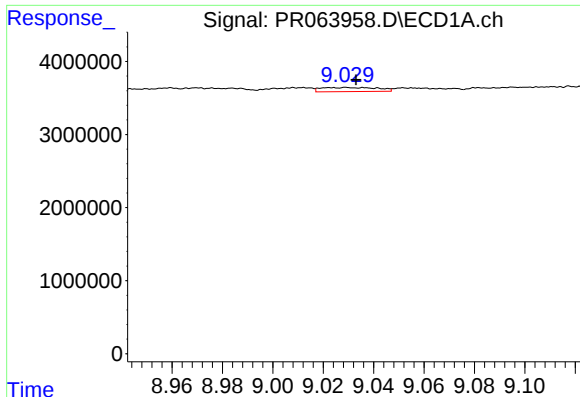
#39 AR-1262-4

R.T.: 8.387 min
Delta R.T.: 0.003 min
Response: 178658
Conc: 0.63 ng/ml



#39 AR-1262-4

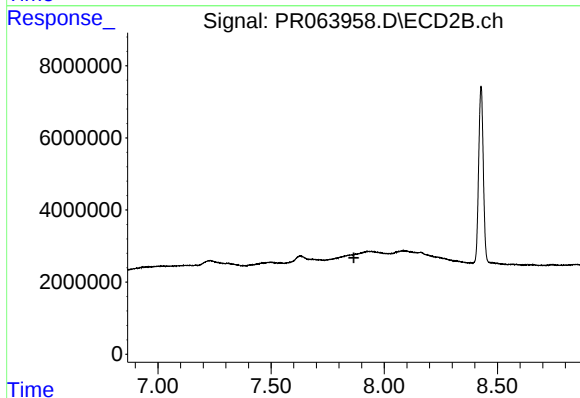
R.T.: 7.311 min
Delta R.T.: -0.007 min
Response: 1934423
Conc: 6.05 ng/ml



#40 AR-1262-5

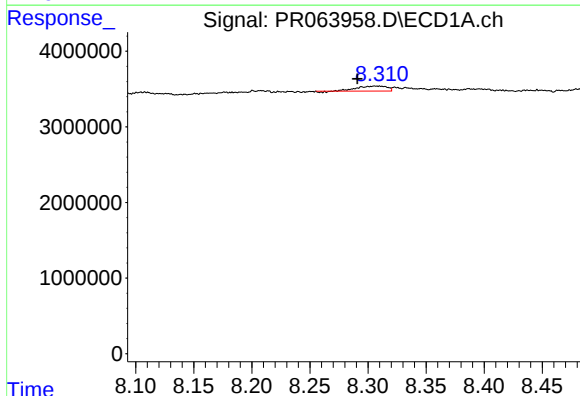
R.T.: 9.029 min
Delta R.T.: -0.004 min
Response: 872832
Conc: 4.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



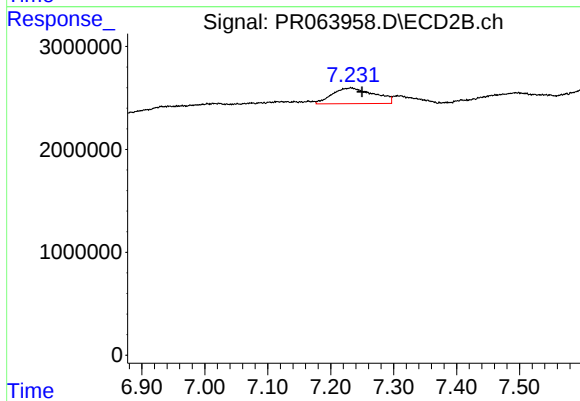
#40 AR-1262-5

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



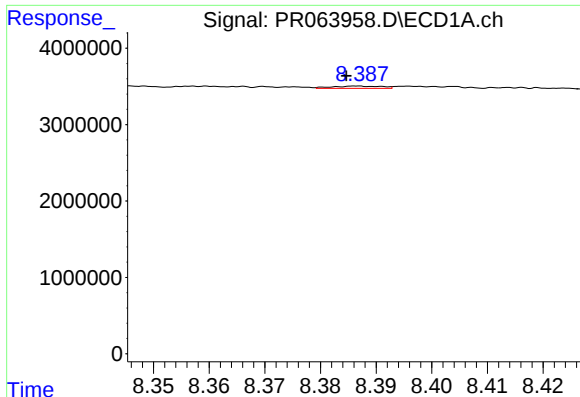
#41 AR-1268-1

R.T.: 8.306 min
Delta R.T.: 0.016 min
Response: 1125842
Conc: 1.74 ng/ml



#41 AR-1268-1

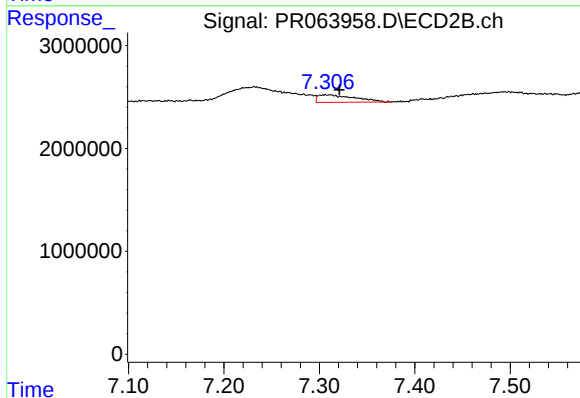
R.T.: 7.232 min
Delta R.T.: -0.018 min
Response: 7056824
Conc: 14.58 ng/ml



#42 AR-1268-2

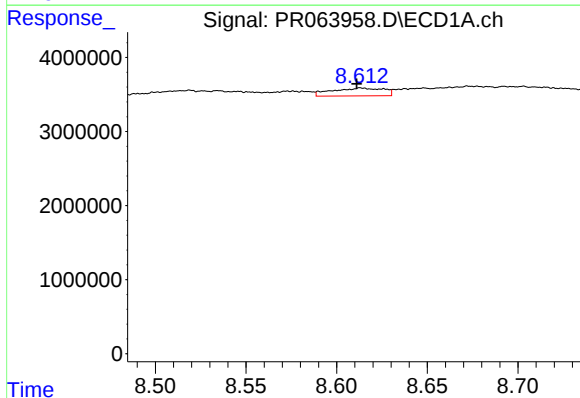
R.T.: 8.387 min
Delta R.T.: 0.002 min
Response: 178658
Conc: 0.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



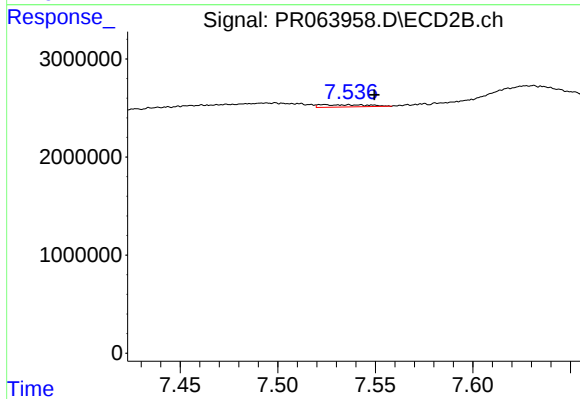
#42 AR-1268-2

R.T.: 7.311 min
Delta R.T.: -0.009 min
Response: 1934423
Conc: 4.35 ng/ml



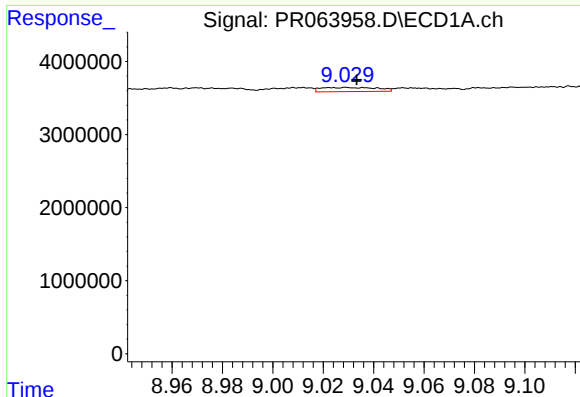
#43 AR-1268-3

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 2106960
Conc: 4.04 ng/ml



#43 AR-1268-3

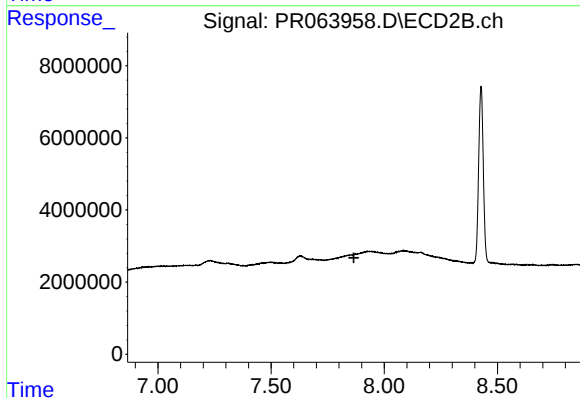
R.T.: 7.524 min
Delta R.T.: -0.026 min
Response: 397550
Conc: 1.06 ng/ml



#44 AR-1268-4

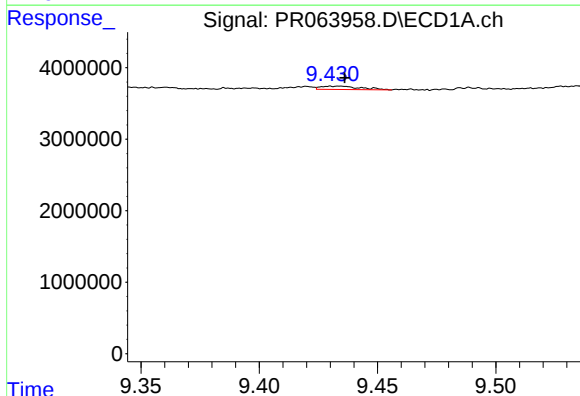
R.T.: 9.029 min
Delta R.T.: -0.004 min
Response: 872832
Conc: 3.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



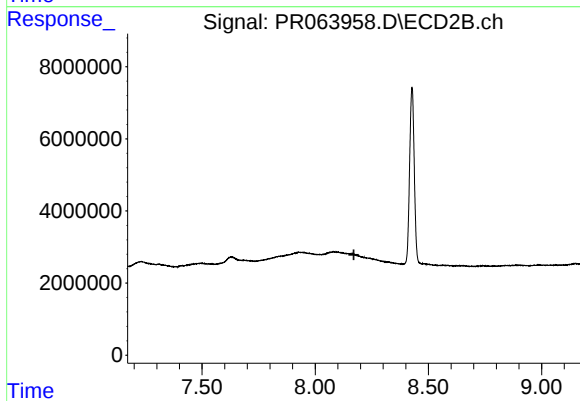
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.434 min
Delta R.T.: -0.002 min
Response: 537825
Conc: 0.32 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.171 min
Response: 0
Conc: N.D.