

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
 Data File : PR063890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 15:19
 Operator : AJ\MA
 Sample : 04699-01
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 20:41:27 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...	3.737	3.027	106.0E6	69172263	16.799	17.696
2)	SA Decachlor...	9.763	8.436	89344082	57502629	18.933	18.862
Target Compounds							
3)	L1 AR-1016-1	4.980	4.179	3963430	2801787	18.921	19.685
4)	L1 AR-1016-2	5.002	4.198	5591039	3542728	17.967	18.130
5)	L1 AR-1016-3	5.069	4.381	3684476	2371964	19.235	21.411
6)	L1 AR-1016-4	5.170	4.434	2504231	1685110	16.694	19.225
7)	L1 AR-1016-5	5.490	4.658	2178510	2495224	14.689	22.630 #
8)	L2 AR-1221-1	3.964	3.257	409485	278219	5.530	5.765
9)	L2 AR-1221-2	4.054	3.340	1697681	1193976	32.249	32.241
10)	L2 AR-1221-3	4.132	3.427	2369375	1653980	14.086	14.910
11)	L3 AR-1232-1	4.132	3.427	2369375	1653980	18.613	19.422
12)	L3 AR-1232-2	4.690	4.198	2822409	3542728	38.531	40.639
13)	L3 AR-1232-3	5.002	4.381	5591039	2371964	40.261	49.224
14)	L3 AR-1232-4	5.170	4.476	2504231	2071485	35.683	49.611 #
15)	L3 AR-1232-5	5.276	4.658	2067894	2495224	40.367	52.204 #
16)	L4 AR-1242-1	4.980	4.179	3963430	2801787	25.269	26.013
17)	L4 AR-1242-2	5.002	4.198	5591039	3542728	23.592	24.099
18)	L4 AR-1242-3	5.069	4.381	3684476	2371964	24.397	29.051
19)	L4 AR-1242-4	5.170	4.476	2504231	2071485	20.728	25.702
20)	L4 AR-1242-5	5.969	5.037	3039125	3161082	24.572	30.484
21)	L5 AR-1248-1	4.980	4.179	3963430	2801787	32.731	33.283
22)	L5 AR-1248-2	5.276	4.434	2067894	1685110	12.134	14.556
23)	L5 AR-1248-3	5.490	4.476	2178510	2071485	10.961	17.500 #
24)	L5 AR-1248-4	5.928	4.658	2282181	2495224	10.771	17.570 #
25)	L5 AR-1248-5	5.969	5.079	3039125	3742913	13.817	26.901 #
26)	L6 AR-1254-1	5.898	5.037	3337391	3161082	15.240	15.496
27)	L6 AR-1254-2	6.138	5.199	2387122	2555849	7.118	13.895 #
28)	L6 AR-1254-3	6.529	5.632	2202973	1387672	6.529	4.783 #
29)	L6 AR-1254-4	6.855	5.886	261541	1690866	1.089	9.382 #
30)	L6 AR-1254-5	7.304	6.343	119514	555067	0.439	2.070 #
31)	L7 AR-1260-1	6.717	5.790	123134	1198647	0.449	5.595 #
32)	L7 AR-1260-2	6.998	5.983	195960	191777	0.611	0.750
33)	L7 AR-1260-3	7.370f	6.150	637180	3301444	3.255	13.097 #
34)	L7 AR-1260-4	7.655f	0.000	42815	0	0.176	N.D. #
36)	L8 AR-1262-1	7.370f	6.456	637180	213801	1.955	1.974
38)	L8 AR-1262-3	8.302	7.236	1030924	4991142	2.751	29.022 #
39)	L8 AR-1262-4	8.383	7.316	137554	2195668	0.486	6.862 #
40)	L8 AR-1262-5	9.029	0.000	833316	0	4.058	N.D. #
41)	L9 AR-1268-1	8.302	7.236	1030924	4991142	1.595	10.310 #
42)	L9 AR-1268-2	8.383	7.316	137554	2195668	0.238	4.938 #
43)	L9 AR-1268-3	8.614	7.548	4020939	416450	7.713	1.111 #

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 Quant Time: Oct 10 20:41:27 2023
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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	9.029	0.000	833316	0	3.794	N.D. #
45) L9	AR-1268-5	9.437	8.171	1400026	746107	0.844	0.674

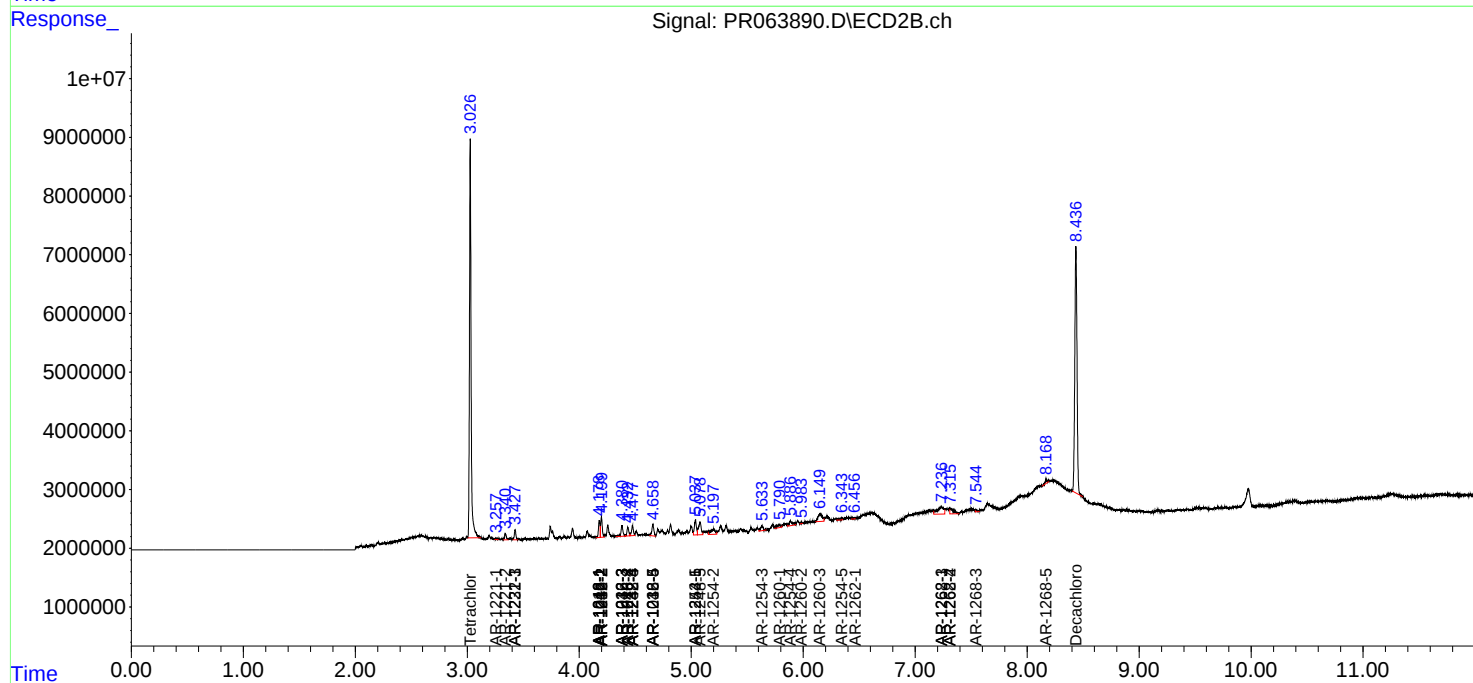
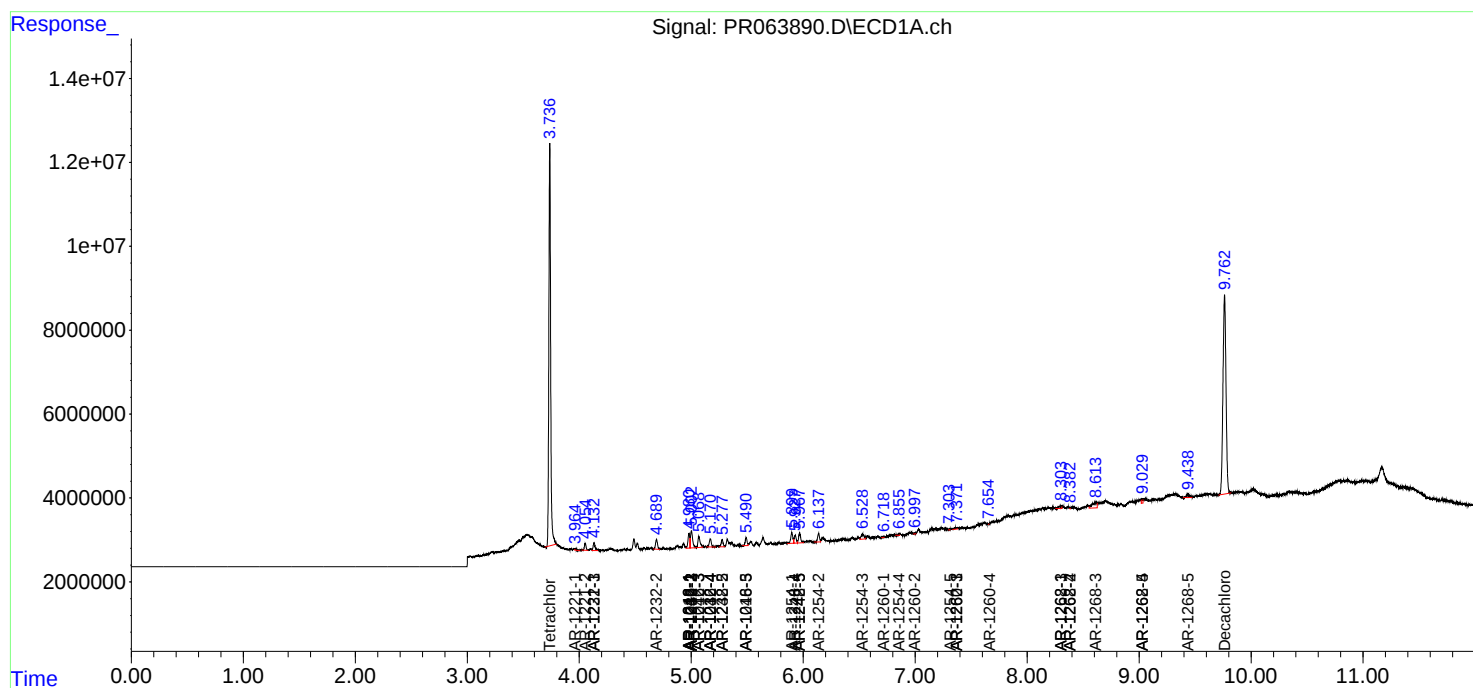
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

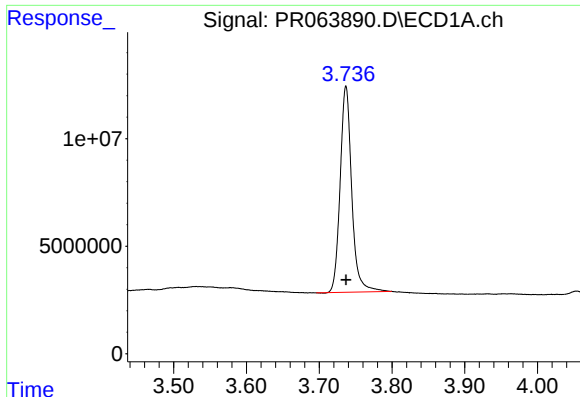
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

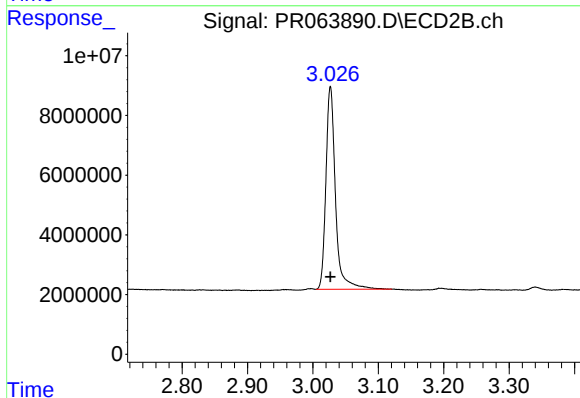




#1 Tetrachloro-m-xylene

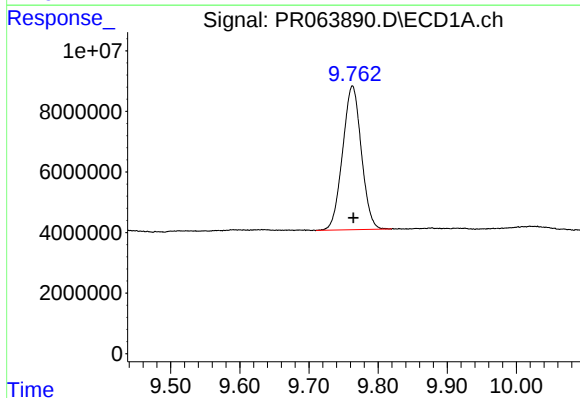
R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 106010290
Conc: 16.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



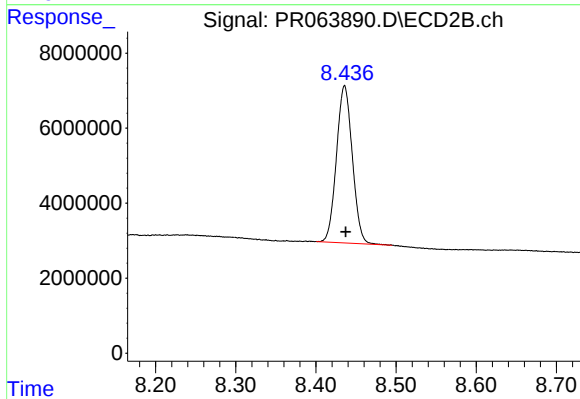
#1 Tetrachloro-m-xylene

R.T.: 3.027 min
Delta R.T.: 0.000 min
Response: 69172263
Conc: 17.70 ng/ml



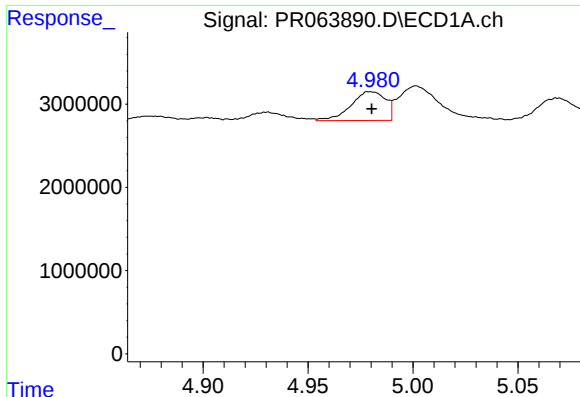
#2 Decachlorobiphenyl

R.T.: 9.763 min
Delta R.T.: -0.002 min
Response: 89344082
Conc: 18.93 ng/ml



#2 Decachlorobiphenyl

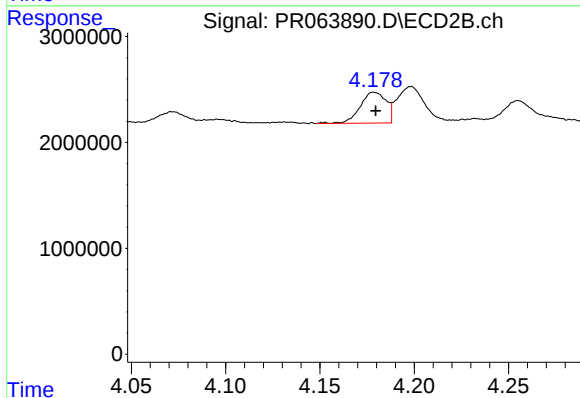
R.T.: 8.436 min
Delta R.T.: -0.002 min
Response: 57502629
Conc: 18.86 ng/ml



#3 AR-1016-1

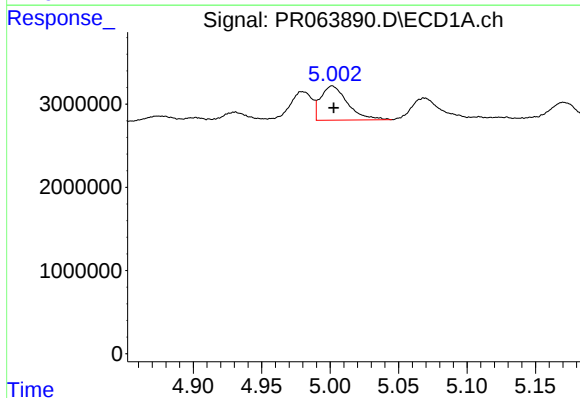
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 3963430
Conc: 18.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



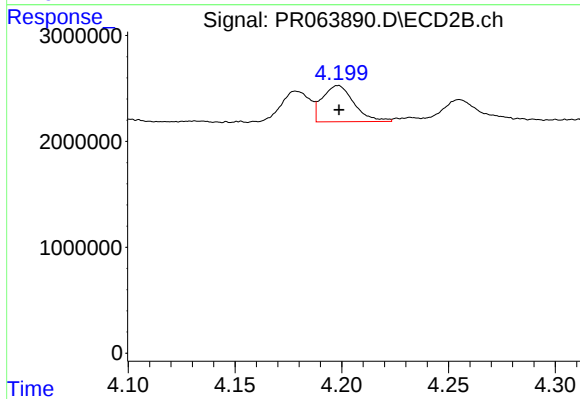
#3 AR-1016-1

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 2801787
Conc: 19.69 ng/ml



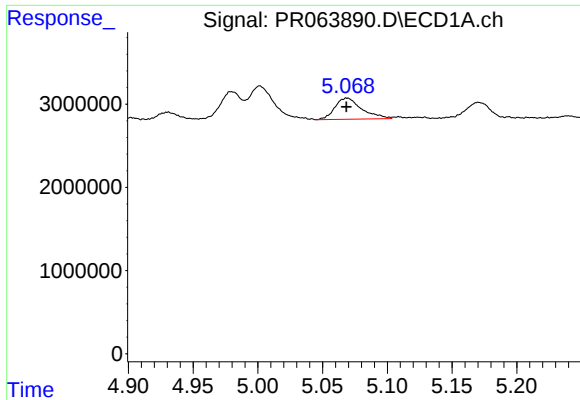
#4 AR-1016-2

R.T.: 5.002 min
Delta R.T.: -0.001 min
Response: 5591039
Conc: 17.97 ng/ml



#4 AR-1016-2

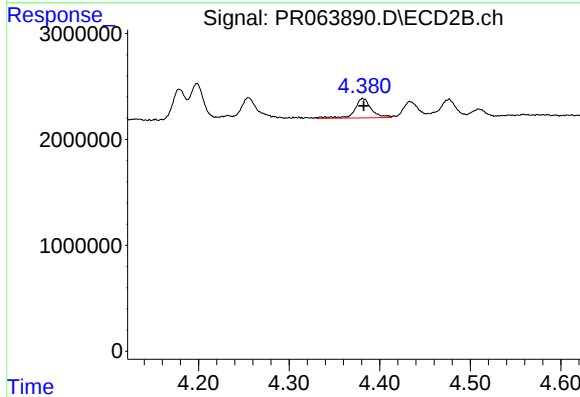
R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 3542728
Conc: 18.13 ng/ml



#5 AR-1016-3

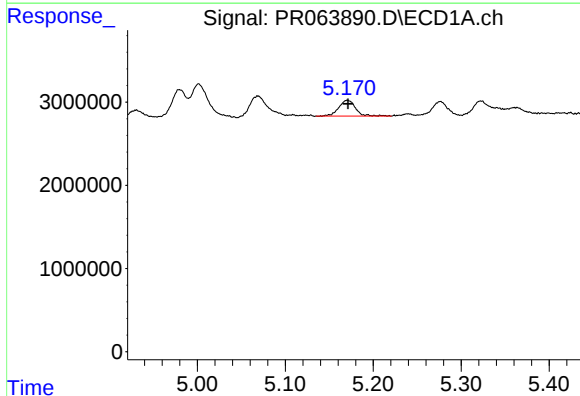
R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 3684476
Conc: 19.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



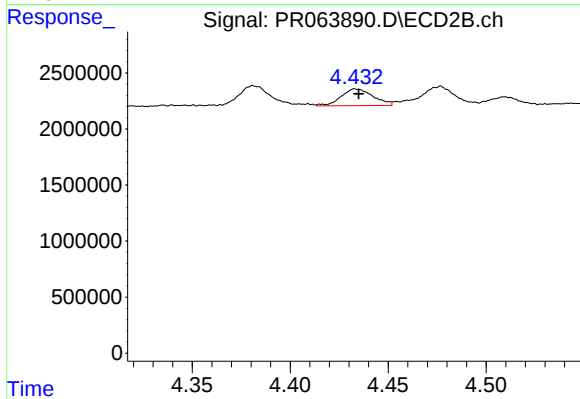
#5 AR-1016-3

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2371964
Conc: 21.41 ng/ml



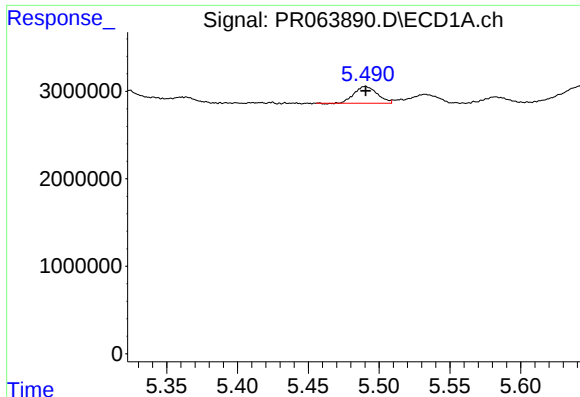
#6 AR-1016-4

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 2504231
Conc: 16.69 ng/ml



#6 AR-1016-4

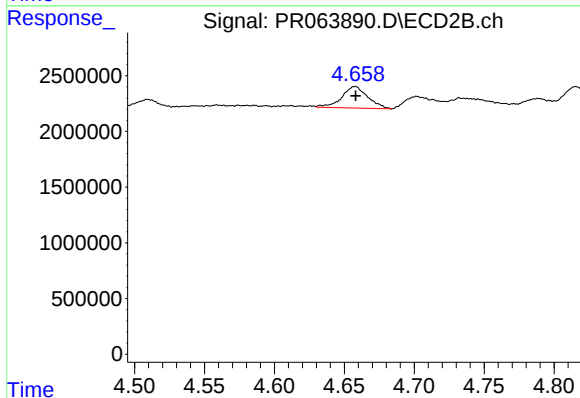
R.T.: 4.434 min
Delta R.T.: -0.001 min
Response: 1685110
Conc: 19.22 ng/ml



#7 AR-1016-5

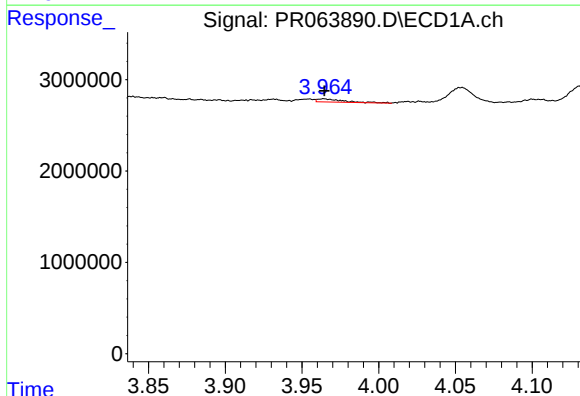
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 2178510
Conc: 14.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



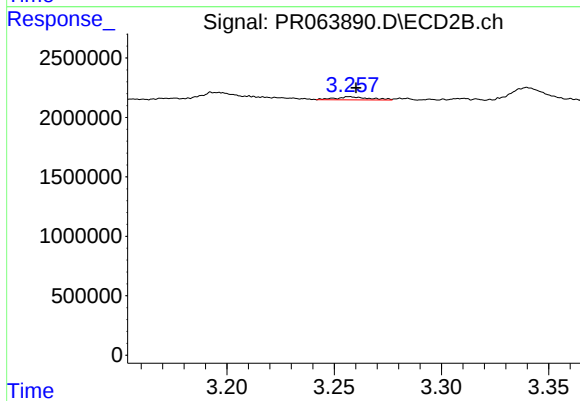
#7 AR-1016-5

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 2495224
Conc: 22.63 ng/ml



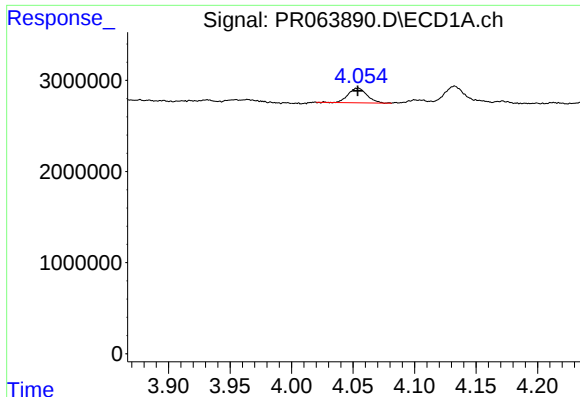
#8 AR-1221-1

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 409485
Conc: 5.53 ng/ml



#8 AR-1221-1

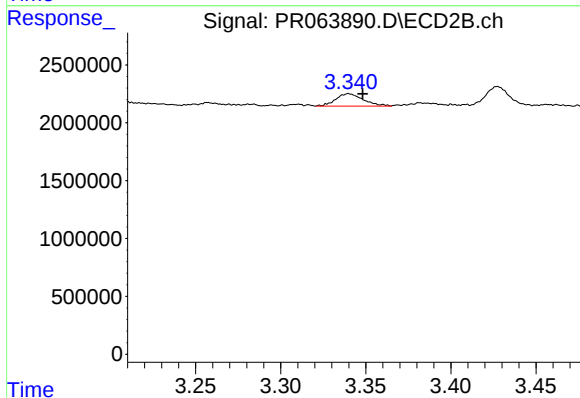
R.T.: 3.257 min
Delta R.T.: -0.003 min
Response: 278219
Conc: 5.76 ng/ml



#9 AR-1221-2

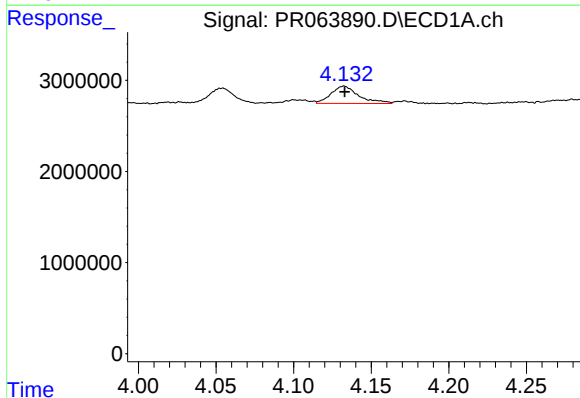
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 1697681
Conc: 32.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



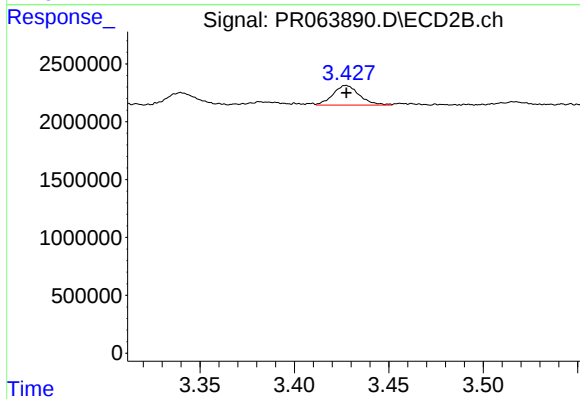
#9 AR-1221-2

R.T.: 3.340 min
Delta R.T.: -0.008 min
Response: 1193976
Conc: 32.24 ng/ml



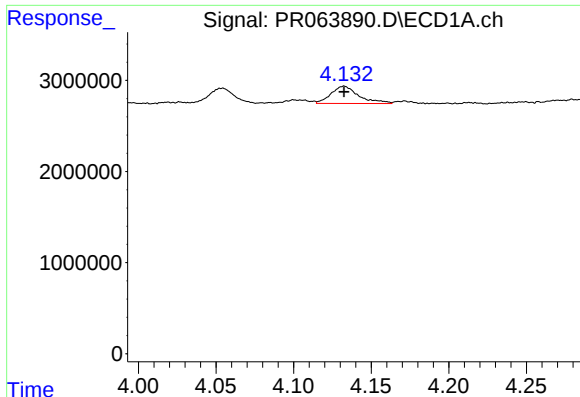
#10 AR-1221-3

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 2369375
Conc: 14.09 ng/ml



#10 AR-1221-3

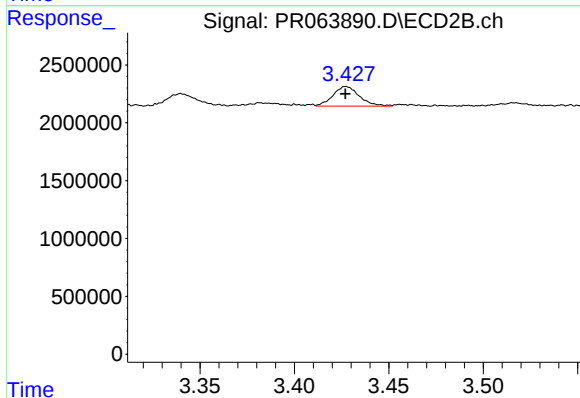
R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 1653980
Conc: 14.91 ng/ml



#11 AR-1232-1

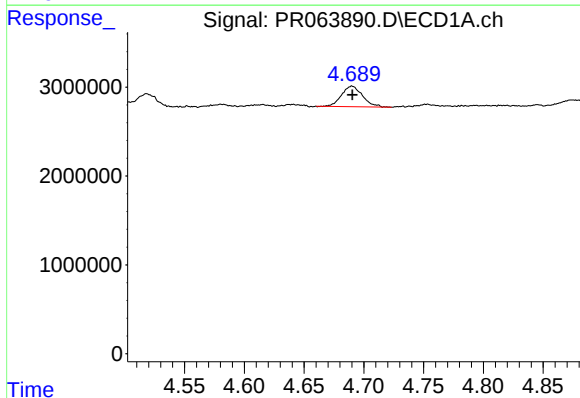
R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 2369375
Conc: 18.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



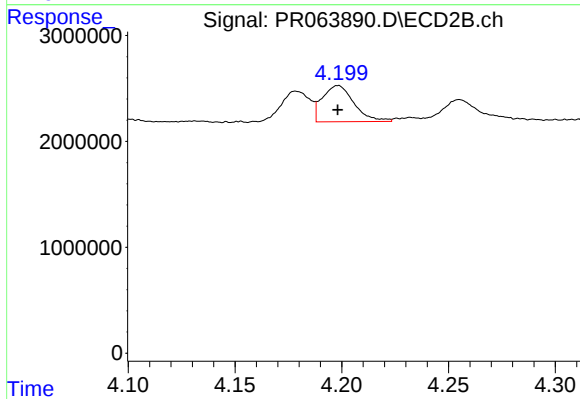
#11 AR-1232-1

R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 1653980
Conc: 19.42 ng/ml



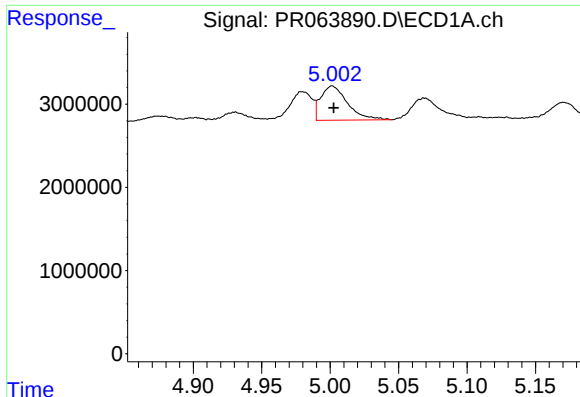
#12 AR-1232-2

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 2822409
Conc: 38.53 ng/ml



#12 AR-1232-2

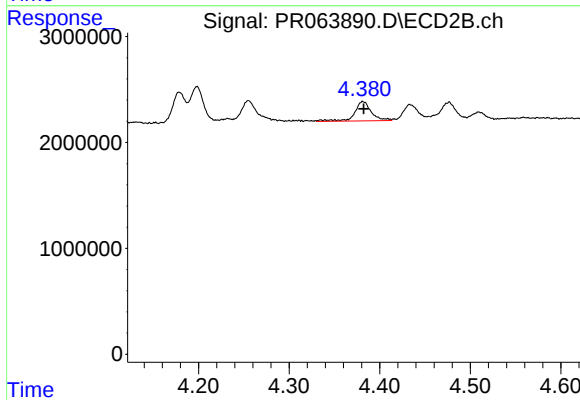
R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 3542728
Conc: 40.64 ng/ml



#13 AR-1232-3

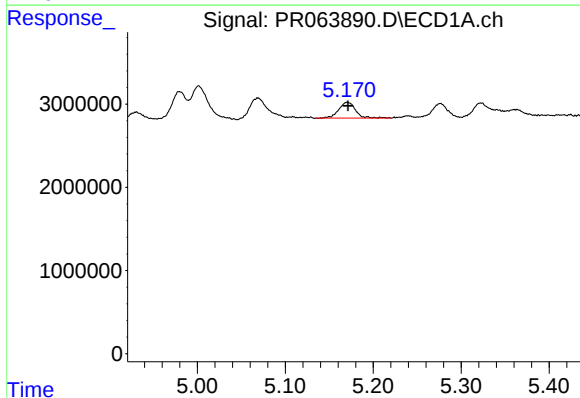
R.T.: 5.002 min
Delta R.T.: -0.001 min
Response: 5591039
Conc: 40.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



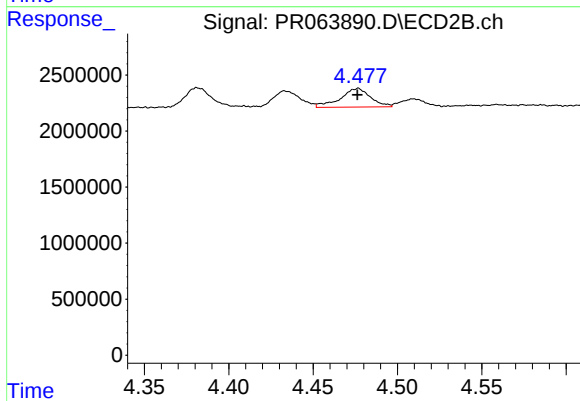
#13 AR-1232-3

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2371964
Conc: 49.22 ng/ml



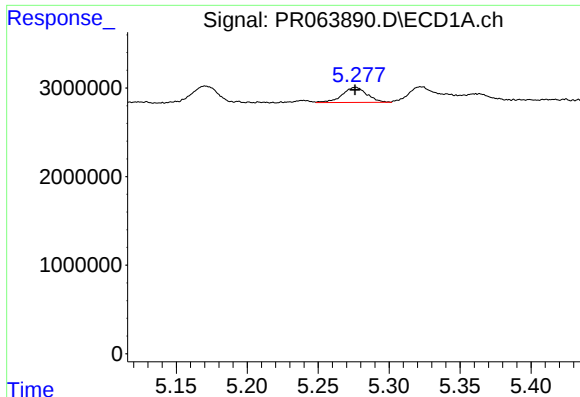
#14 AR-1232-4

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 2504231
Conc: 35.68 ng/ml



#14 AR-1232-4

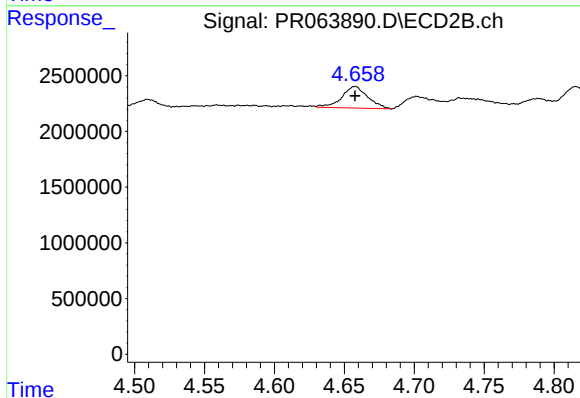
R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 2071485
Conc: 49.61 ng/ml



#15 AR-1232-5

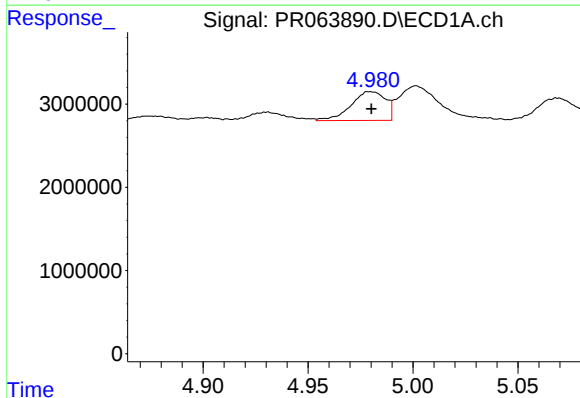
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 2067894
Conc: 40.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



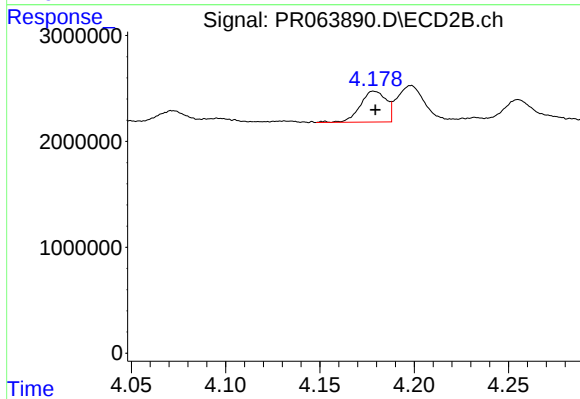
#15 AR-1232-5

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 2495224
Conc: 52.20 ng/ml



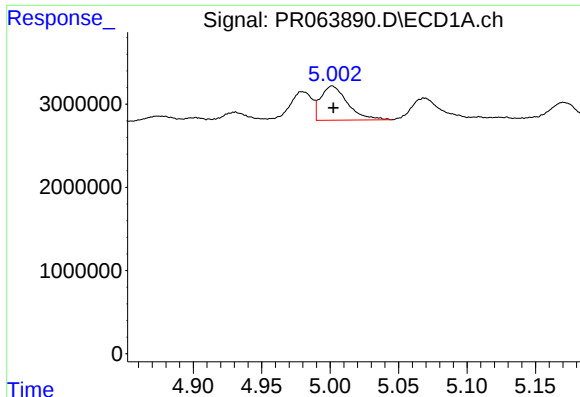
#16 AR-1242-1

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 3963430
Conc: 25.27 ng/ml



#16 AR-1242-1

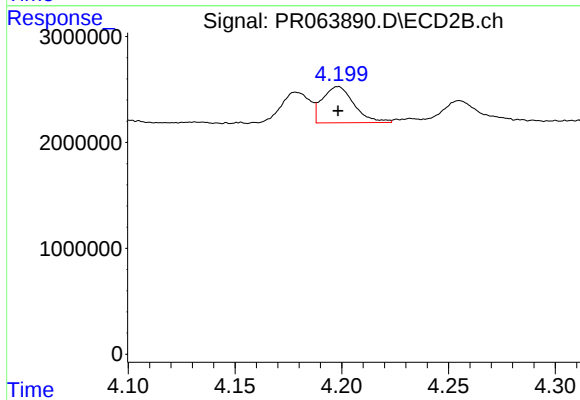
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 2801787
Conc: 26.01 ng/ml



#17 AR-1242-2

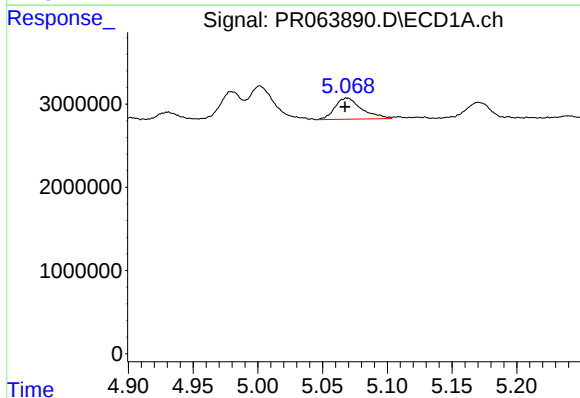
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 5591039
Conc: 23.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



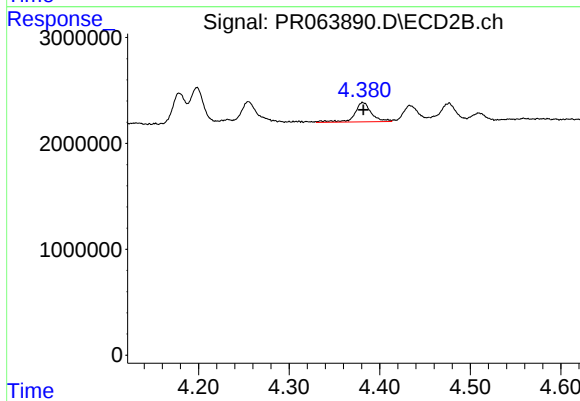
#17 AR-1242-2

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 3542728
Conc: 24.10 ng/ml



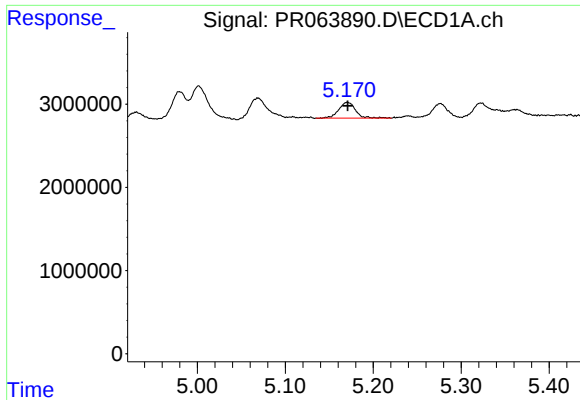
#18 AR-1242-3

R.T.: 5.069 min
Delta R.T.: 0.002 min
Response: 3684476
Conc: 24.40 ng/ml



#18 AR-1242-3

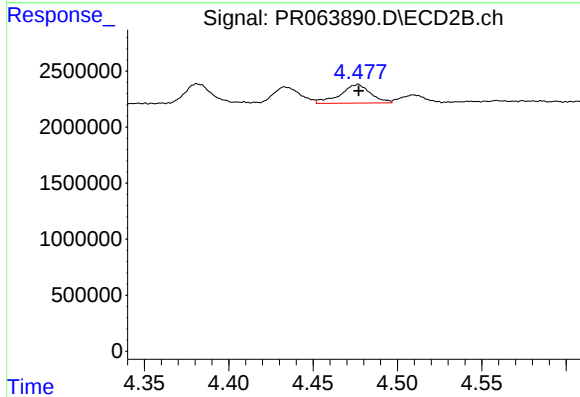
R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2371964
Conc: 29.05 ng/ml



#19 AR-1242-4

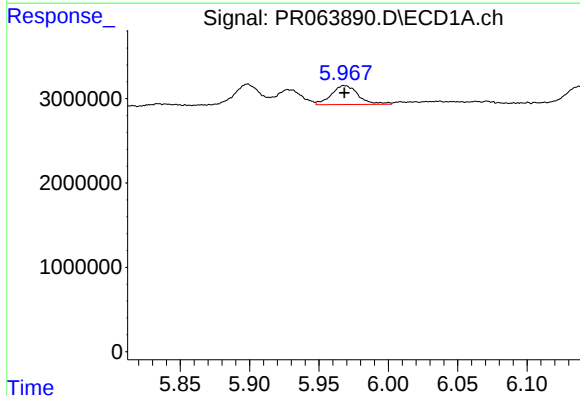
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 2504231
Conc: 20.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



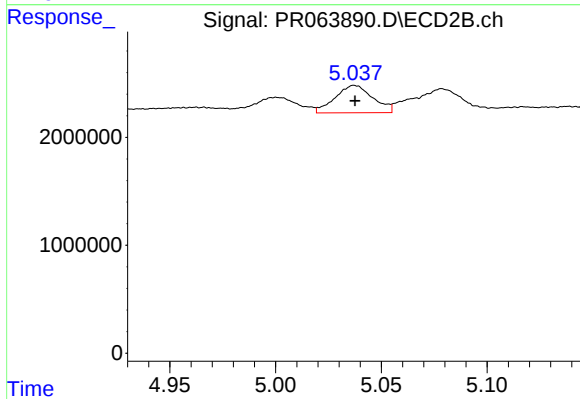
#19 AR-1242-4

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 2071485
Conc: 25.70 ng/ml



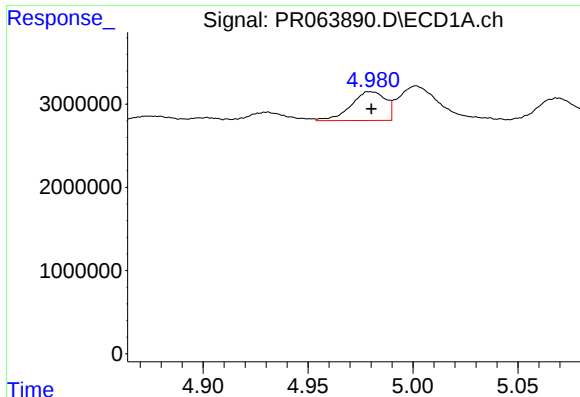
#20 AR-1242-5

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 3039125
Conc: 24.57 ng/ml



#20 AR-1242-5

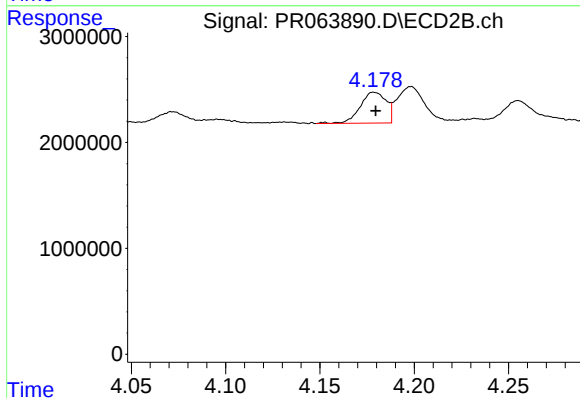
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 3161082
Conc: 30.48 ng/ml



#21 AR-1248-1

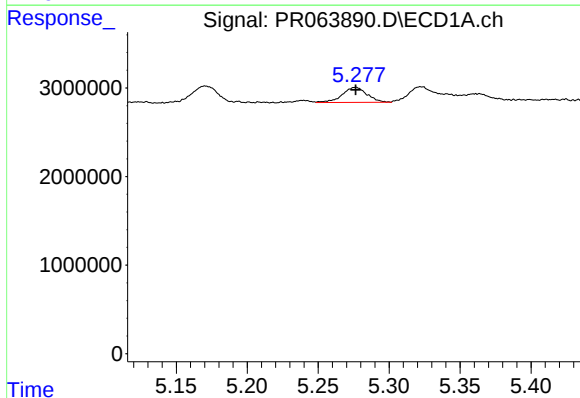
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 3963430
Conc: 32.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



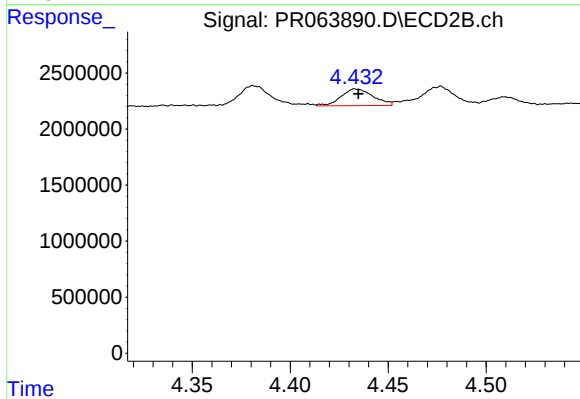
#21 AR-1248-1

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 2801787
Conc: 33.28 ng/ml



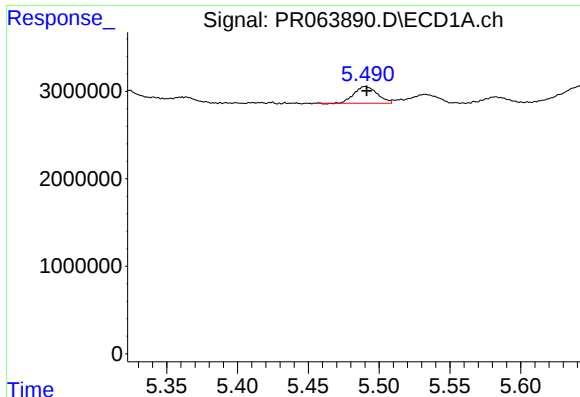
#22 AR-1248-2

R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 2067894
Conc: 12.13 ng/ml



#22 AR-1248-2

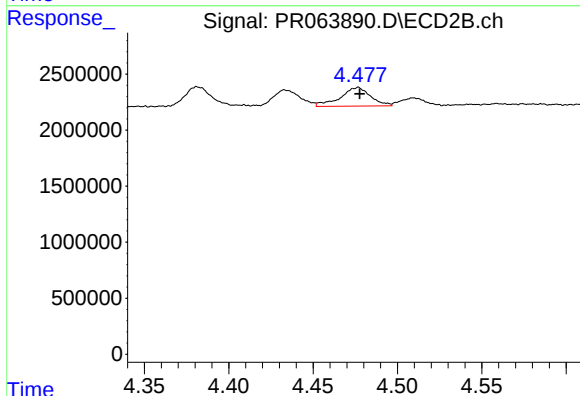
R.T.: 4.434 min
Delta R.T.: -0.001 min
Response: 1685110
Conc: 14.56 ng/ml



#23 AR-1248-3

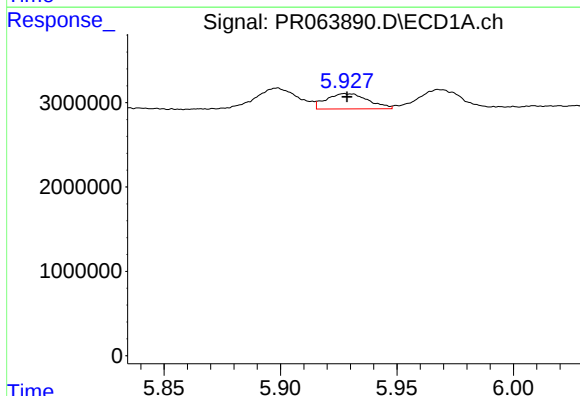
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 2178510
Conc: 10.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



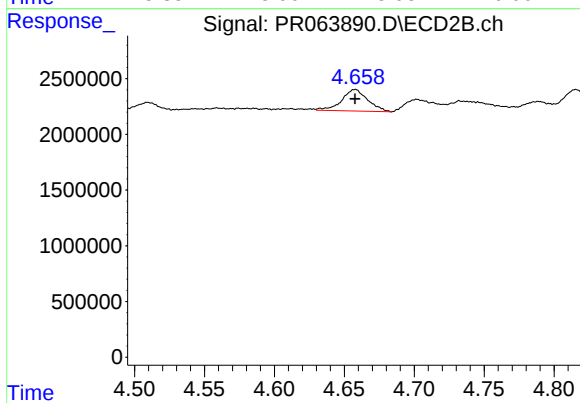
#23 AR-1248-3

R.T.: 4.476 min
Delta R.T.: -0.001 min
Response: 2071485
Conc: 17.50 ng/ml



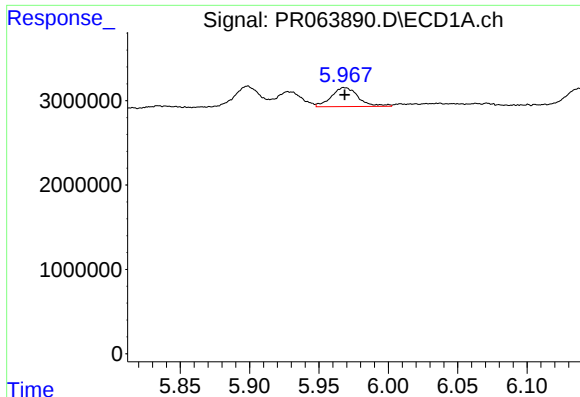
#24 AR-1248-4

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 2282181
Conc: 10.77 ng/ml



#24 AR-1248-4

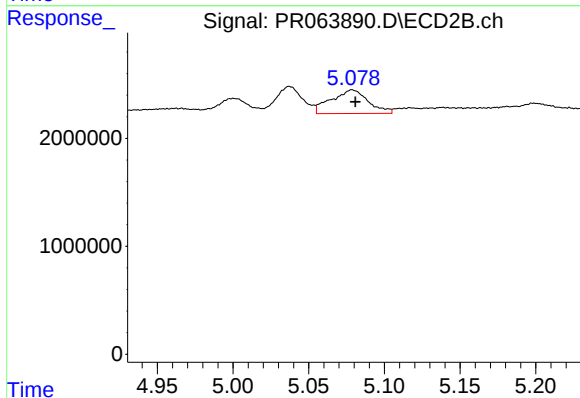
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 2495224
Conc: 17.57 ng/ml



#25 AR-1248-5

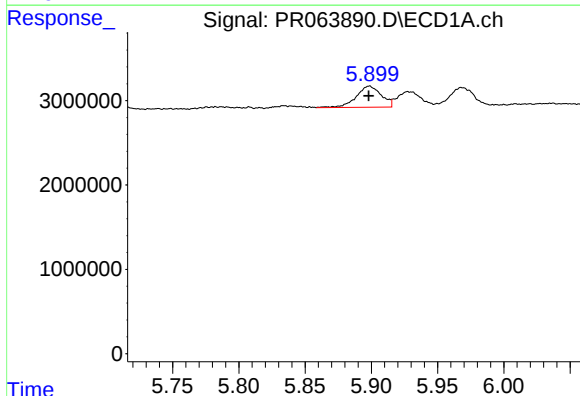
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 3039125
Conc: 13.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



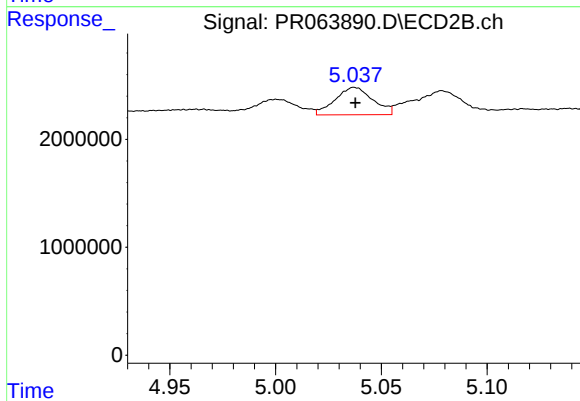
#25 AR-1248-5

R.T.: 5.079 min
Delta R.T.: -0.002 min
Response: 3742913
Conc: 26.90 ng/ml



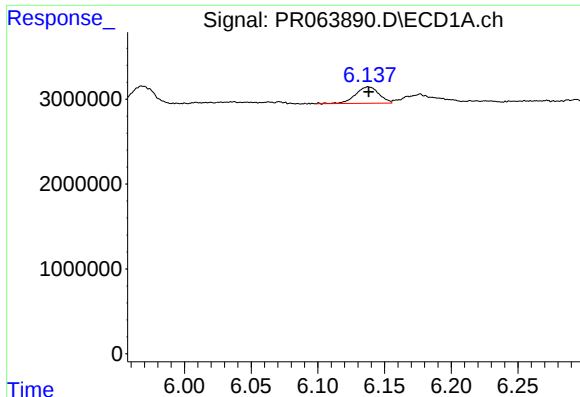
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 3337391
Conc: 15.24 ng/ml



#26 AR-1254-1

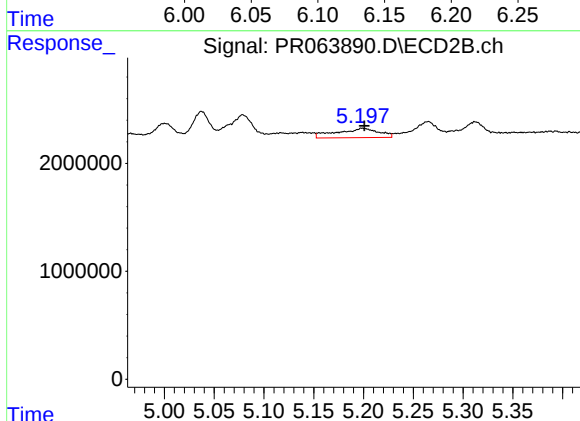
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 3161082
Conc: 15.50 ng/ml



#27 AR-1254-2

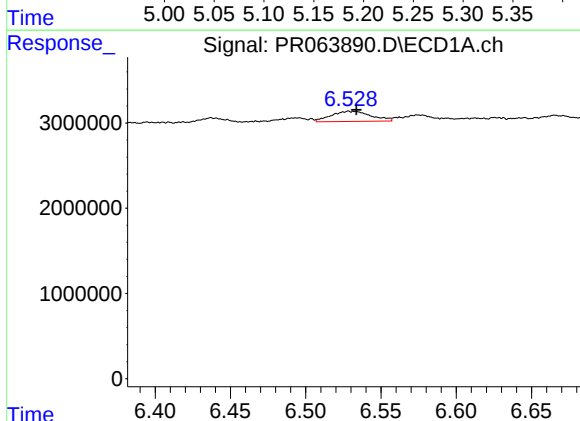
R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2387122
Conc: 7.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



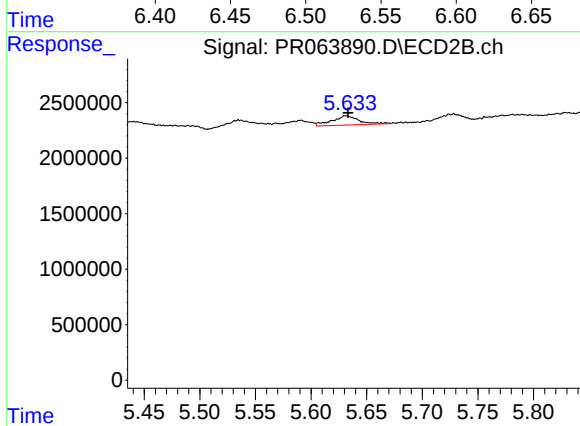
#27 AR-1254-2

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 2555849
Conc: 13.89 ng/ml



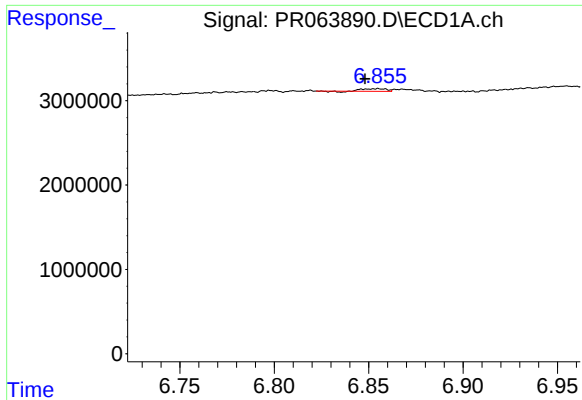
#28 AR-1254-3

R.T.: 6.529 min
Delta R.T.: -0.005 min
Response: 2202973
Conc: 6.53 ng/ml



#28 AR-1254-3

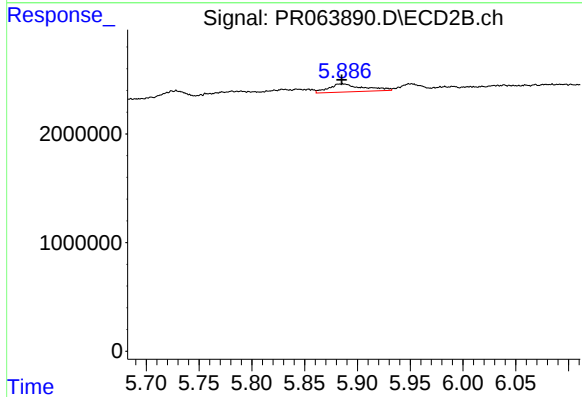
R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 1387672
Conc: 4.78 ng/ml



#29 AR-1254-4

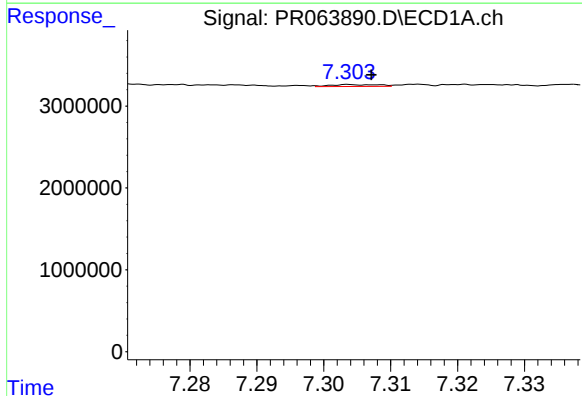
R.T.: 6.855 min
Delta R.T.: 0.007 min
Response: 261541
Conc: 1.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



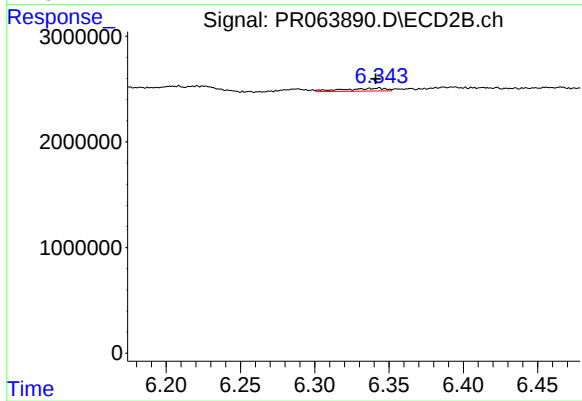
#29 AR-1254-4

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 1690866
Conc: 9.38 ng/ml



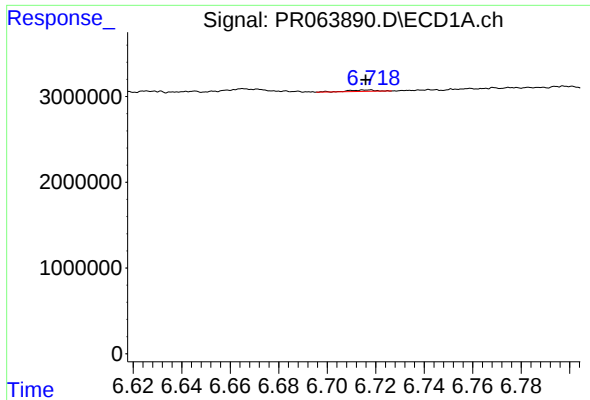
#30 AR-1254-5

R.T.: 7.304 min
Delta R.T.: -0.003 min
Response: 119514
Conc: 0.44 ng/ml



#30 AR-1254-5

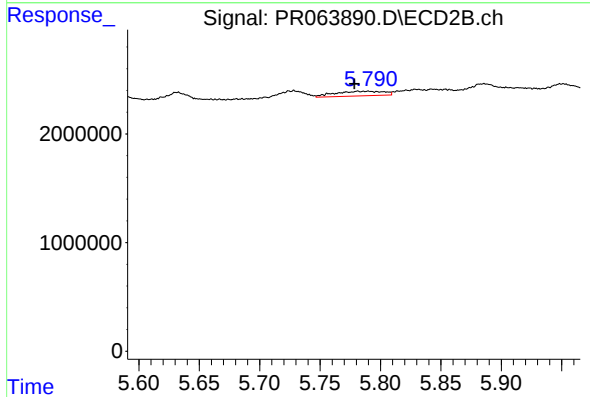
R.T.: 6.343 min
Delta R.T.: 0.002 min
Response: 555067
Conc: 2.07 ng/ml



#31 AR-1260-1

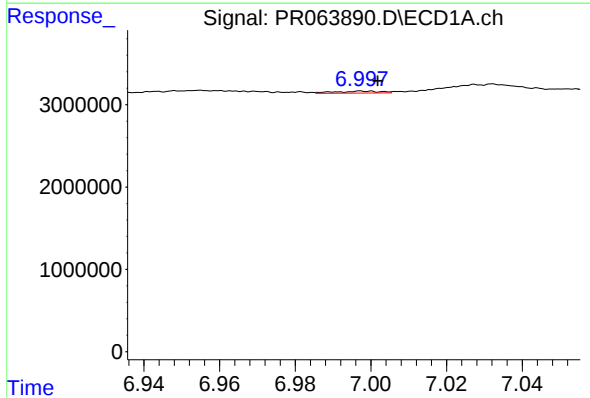
R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 123134
Conc: 0.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



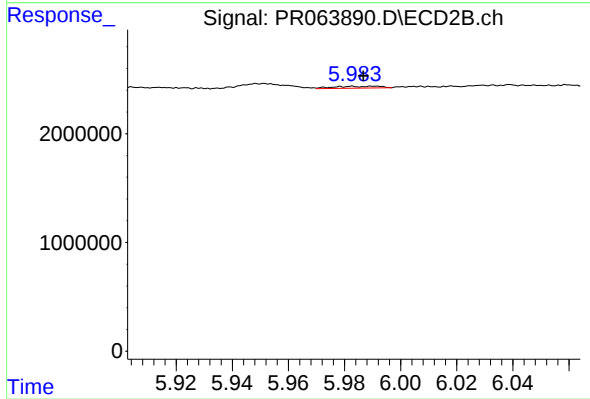
#31 AR-1260-1

R.T.: 5.790 min
Delta R.T.: 0.012 min
Response: 1198647
Conc: 5.59 ng/ml



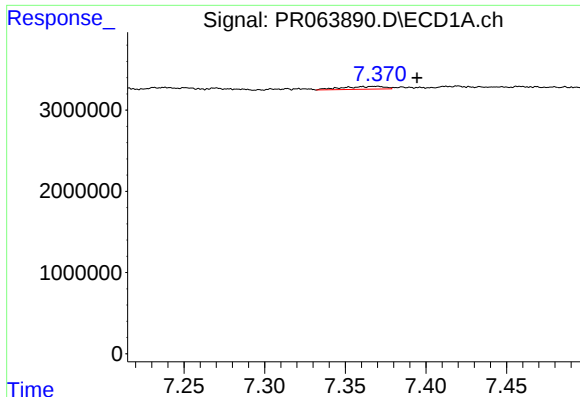
#32 AR-1260-2

R.T.: 6.998 min
Delta R.T.: -0.004 min
Response: 195960
Conc: 0.61 ng/ml



#32 AR-1260-2

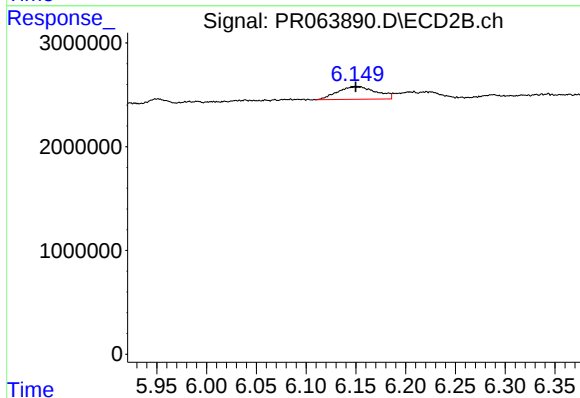
R.T.: 5.983 min
Delta R.T.: -0.004 min
Response: 191777
Conc: 0.75 ng/ml



#33 AR-1260-3

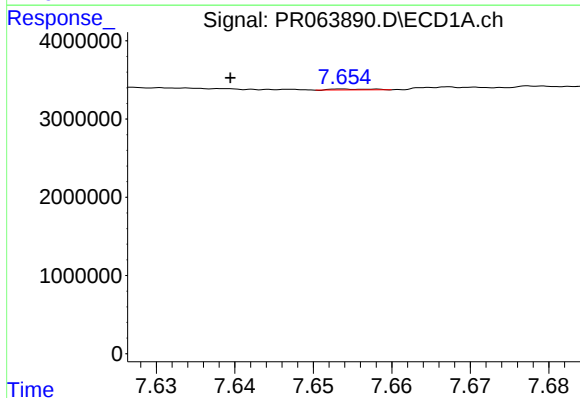
R.T.: 7.370 min
Delta R.T.: -0.025 min
Response: 637180
Conc: 3.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



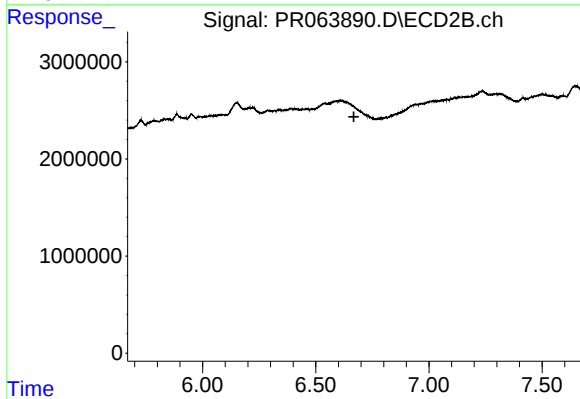
#33 AR-1260-3

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 3301444
Conc: 13.10 ng/ml



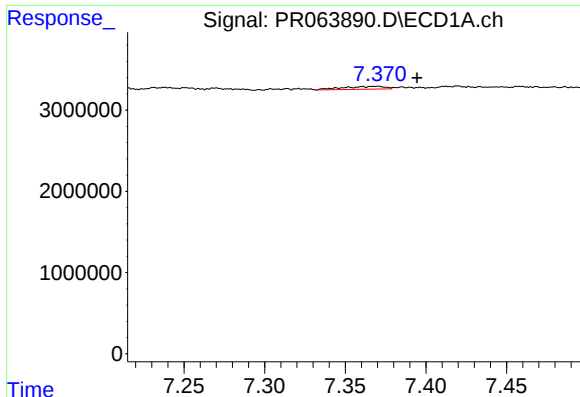
#34 AR-1260-4

R.T.: 7.655 min
Delta R.T.: 0.015 min
Response: 42815
Conc: 0.18 ng/ml



#34 AR-1260-4

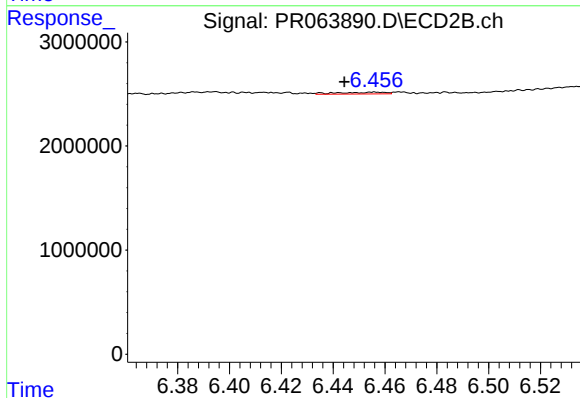
R.T.: 0.000 min
Exp R.T.: 6.668 min
Response: 0
Conc: N.D.



#36 AR-1262-1

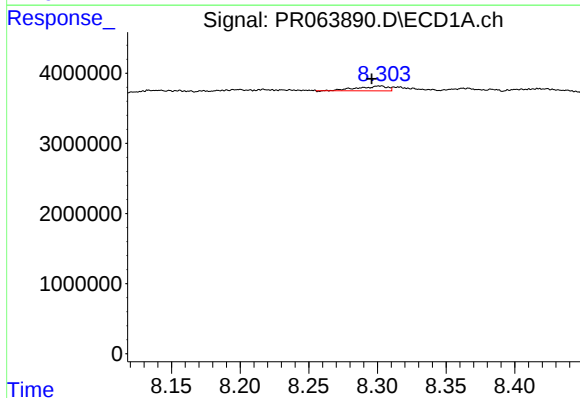
R.T.: 7.370 min
Delta R.T.: -0.025 min
Response: 637180
Conc: 1.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



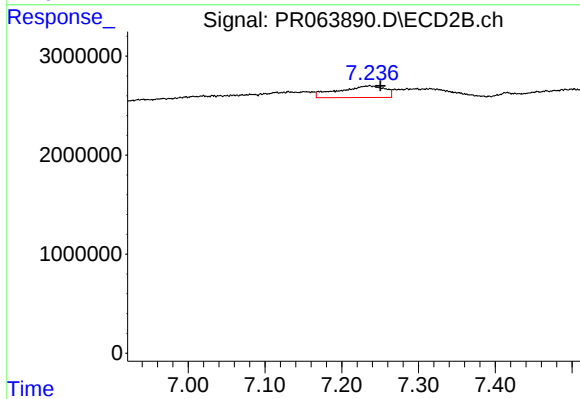
#36 AR-1262-1

R.T.: 6.456 min
Delta R.T.: 0.012 min
Response: 213801
Conc: 1.97 ng/ml



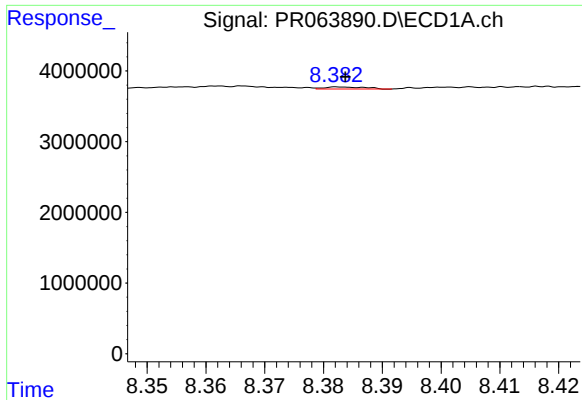
#38 AR-1262-3

R.T.: 8.302 min
Delta R.T.: 0.006 min
Response: 1030924
Conc: 2.75 ng/ml



#38 AR-1262-3

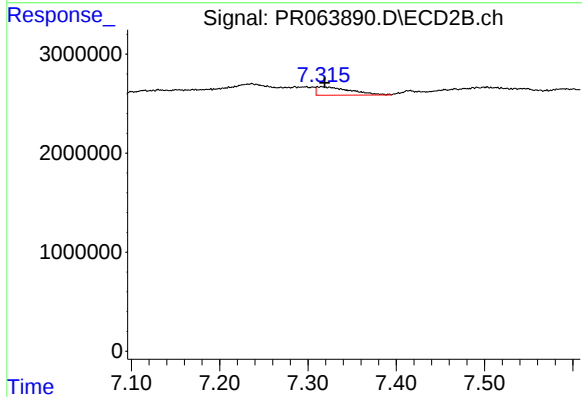
R.T.: 7.236 min
Delta R.T.: -0.014 min
Response: 4991142
Conc: 29.02 ng/ml



#39 AR-1262-4

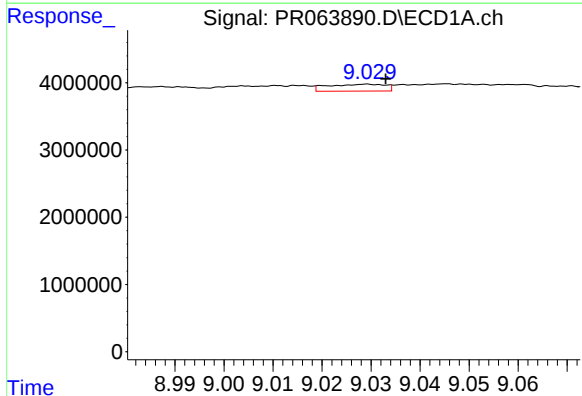
R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 137554
Conc: 0.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



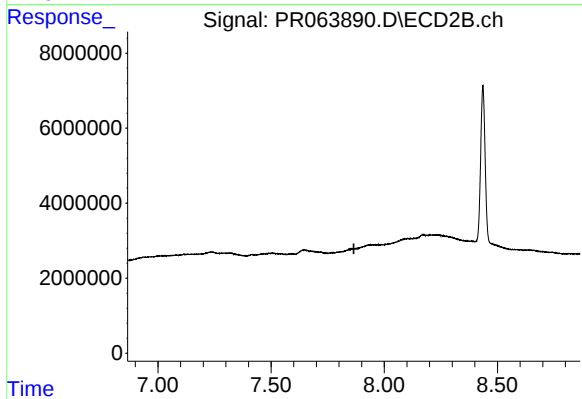
#39 AR-1262-4

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 2195668
Conc: 6.86 ng/ml



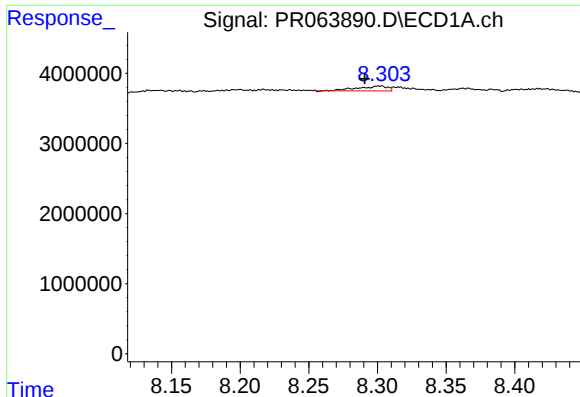
#40 AR-1262-5

R.T.: 9.029 min
Delta R.T.: -0.004 min
Response: 833316
Conc: 4.06 ng/ml



#40 AR-1262-5

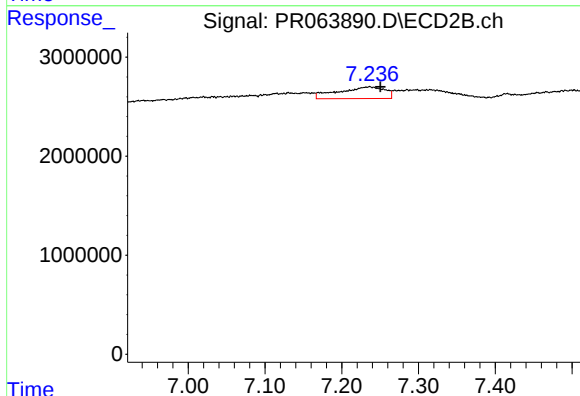
R.T.: 0.000 min
Exp R.T. : 7.866 min
Response: 0
Conc: N.D.



#41 AR-1268-1

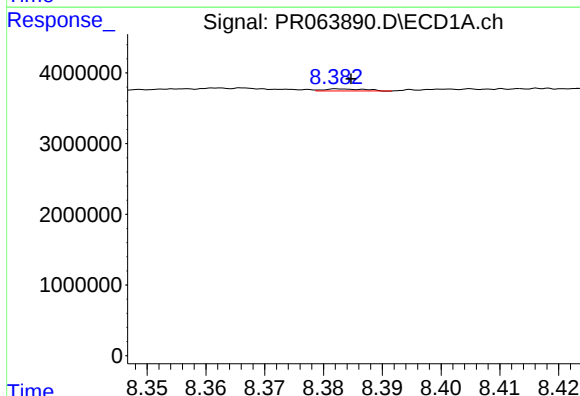
R.T.: 8.302 min
Delta R.T.: 0.011 min
Response: 1030924
Conc: 1.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



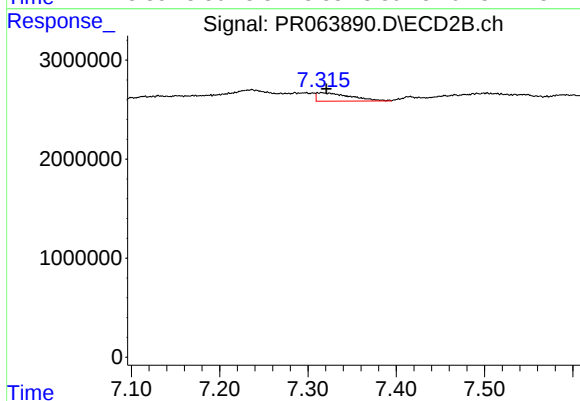
#41 AR-1268-1

R.T.: 7.236 min
Delta R.T.: -0.014 min
Response: 4991142
Conc: 10.31 ng/ml



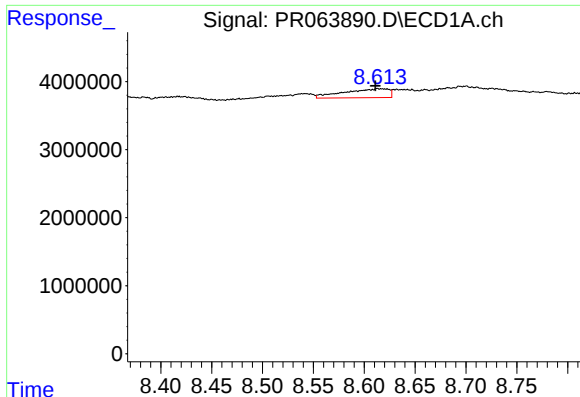
#42 AR-1268-2

R.T.: 8.383 min
Delta R.T.: -0.001 min
Response: 137554
Conc: 0.24 ng/ml



#42 AR-1268-2

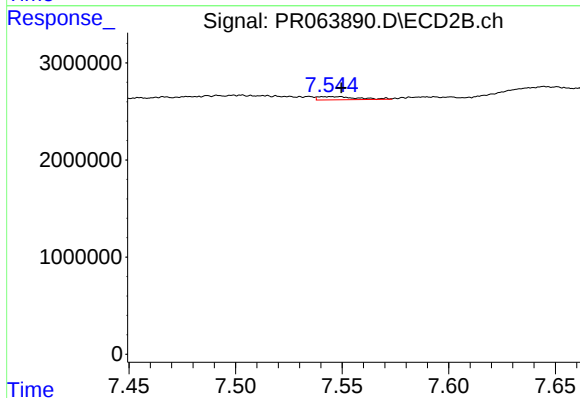
R.T.: 7.316 min
Delta R.T.: -0.005 min
Response: 2195668
Conc: 4.94 ng/ml



#43 AR-1268-3

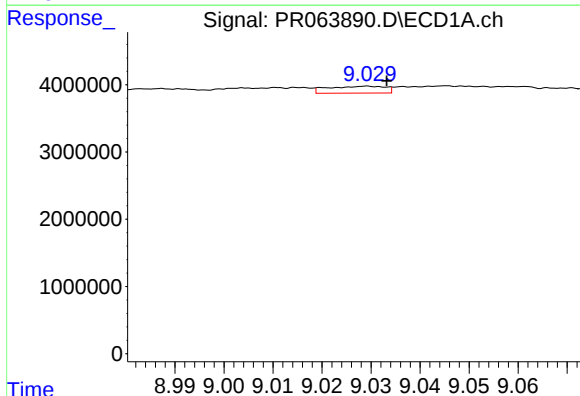
R.T.: 8.614 min
Delta R.T.: 0.002 min
Response: 4020939
Conc: 7.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



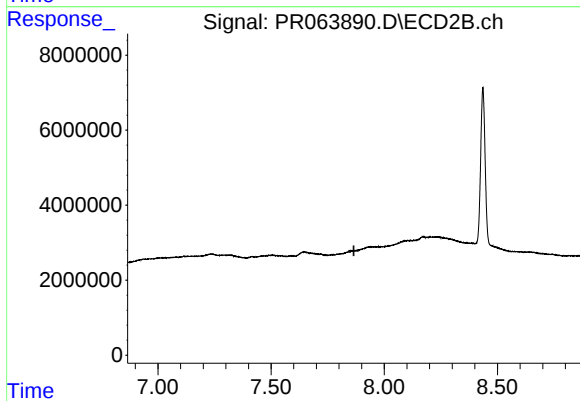
#43 AR-1268-3

R.T.: 7.548 min
Delta R.T.: -0.002 min
Response: 416450
Conc: 1.11 ng/ml



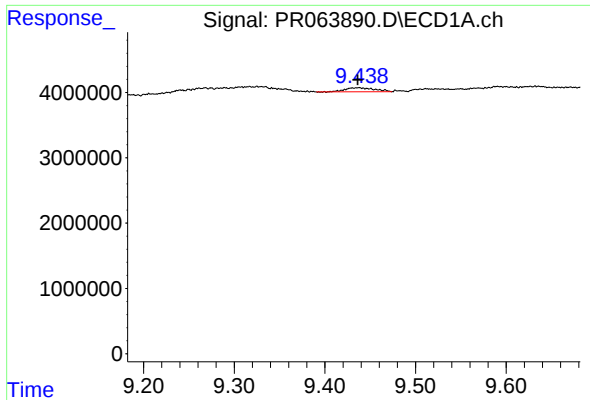
#44 AR-1268-4

R.T.: 9.029 min
Delta R.T.: -0.004 min
Response: 833316
Conc: 3.79 ng/ml



#44 AR-1268-4

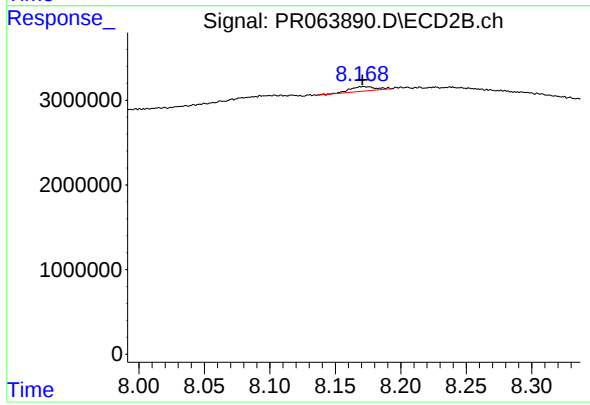
R.T.: 0.000 min
Exp R.T. : 7.866 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.437 min
Delta R.T.: 0.001 min
Response: 1400026
Conc: 0.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 746107
Conc: 0.67 ng/ml