

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
 Data File : PR063911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 20:56
 Operator : AJ\MA
 Sample : 04699-01
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 06:46:17 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	126.5E6	86139820	20.039	22.037
2)	SA Decachlor...	9.761	8.432	110.6E6	67953513	23.448	22.290
Target Compounds							
3)	L1 AR-1016-1	4.979	4.179	9098736	11113556	43.436	78.084 #
4)	L1 AR-1016-2	5.005	4.198	8410844	12507304	27.028	64.006 #
5)	L1 AR-1016-3	5.068	4.383	8315520	20824821	43.412	187.975 #
6)	L1 AR-1016-4	5.172	4.433	4832198	26591821	32.213	303.373 #
7)	L1 AR-1016-5	5.489	4.657	8732500	31428643	58.882	285.035 #
8)	L2 AR-1221-1	3.968	3.258	1075136	578709	14.520	11.991
9)	L2 AR-1221-2	4.055	3.340	2349296	1321215	44.627	35.677
10)	L2 AR-1221-3	4.133	3.427	4832984	3332794	28.731	30.045
11)	L3 AR-1232-1	4.133	3.427	4832984	3332794	37.966	39.136
12)	L3 AR-1232-2	4.689	4.198	5677960	12507304	77.515	143.473 #
13)	L3 AR-1232-3	5.005	4.383	8410844	20824821	60.566	432.164 #
14)	L3 AR-1232-4	5.172	4.461f	4832198	11820327	68.854	283.091 #
15)	L3 AR-1232-5	5.276	4.657	4324809	31428643	84.425	657.541 #
16)	L4 AR-1242-1	4.979	4.179	9098736	11113556	58.010	103.182 #
17)	L4 AR-1242-2	5.005	4.198	8410844	12507304	35.490	85.078 #
18)	L4 AR-1242-3	5.068	4.383	8315520	20824821	55.063	255.051 #
19)	L4 AR-1242-4	5.172	4.461f	4832198	11820327	39.996	146.662 #
20)	L4 AR-1242-5	5.968	5.037	54988785	23266377	444.604	224.373 #
21)	L5 AR-1248-1	4.979	4.179	9098736	11113556	75.140	132.021 #
22)	L5 AR-1248-2	5.276	4.433	4324809	26591821	25.376	229.700 #
23)	L5 AR-1248-3	5.489	4.461f	8732500	11820327	43.936	99.859 #
24)	L5 AR-1248-4	0.000	4.657	0	31428643	N.D.	221.300 #
25)	L5 AR-1248-5	5.968	5.064f	54988785	177.3E6	250.000	1274.206 #
26)	L6 AR-1254-1	5.898	5.037	185.1E6	23266377	845.370	114.055 #
27)	L6 AR-1254-2	6.134	5.199	37046397	47714784	110.461	259.402 #
28)	L6 AR-1254-3	6.521	5.631	95755033	48865974	283.776	168.415 #
29)	L6 AR-1254-4	0.000	5.885	0	12681593	N.D.	70.369 #
30)	L6 AR-1254-5	7.297	6.340	8381323	2128793	30.757	7.939 #
31)	L7 AR-1260-1	0.000	5.770	0	38292116	N.D.	178.728 #
32)	L7 AR-1260-2	6.988	0.000	2425273	0	7.563	N.D. #
33)	L7 AR-1260-3	7.382	6.173f	9649954	50559019	49.296	200.572 #
36)	L8 AR-1262-1	7.382	6.462f	9649954	3232834	29.611	29.856
38)	L8 AR-1262-3	8.306	7.236	918885	773.7E6	2.452	4498.853 #
39)	L8 AR-1262-4	8.369	0.000	1427012	0	5.038	N.D. #
40)	L8 AR-1262-5	9.032	0.000	5654065	0	27.533	N.D. #
41)	L9 AR-1268-1	8.282	7.236	531688	773.7E6	0.823	1598.206 #
42)	L9 AR-1268-2	8.369f	0.000	1427012	0	2.468	N.D. #
43)	L9 AR-1268-3	8.631f	7.543	1501621	3555300	2.881	9.488 #
44)	L9 AR-1268-4	9.032	0.000	5654065	0	25.744	N.D. #

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 Integration File signal 2: autoint2.e
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	9.431	8.167	438640	1847581	0.264	1.668 #

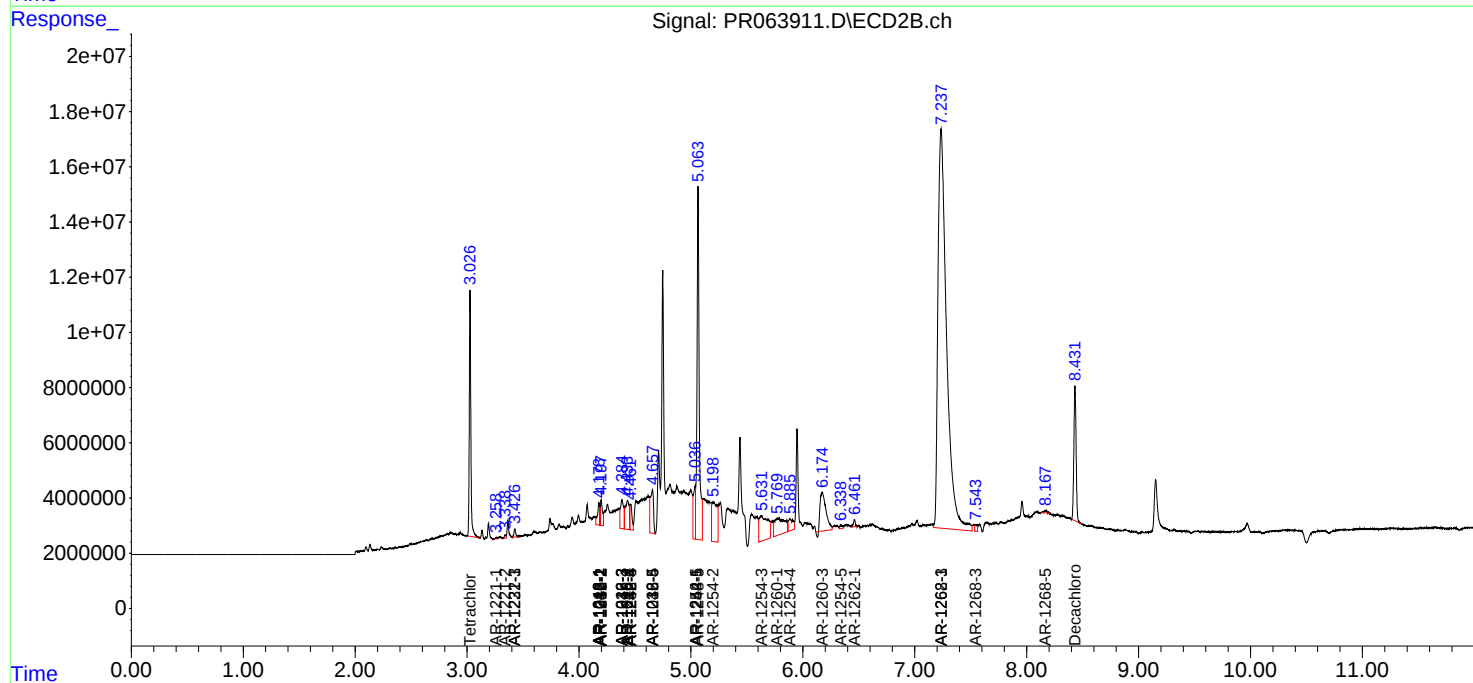
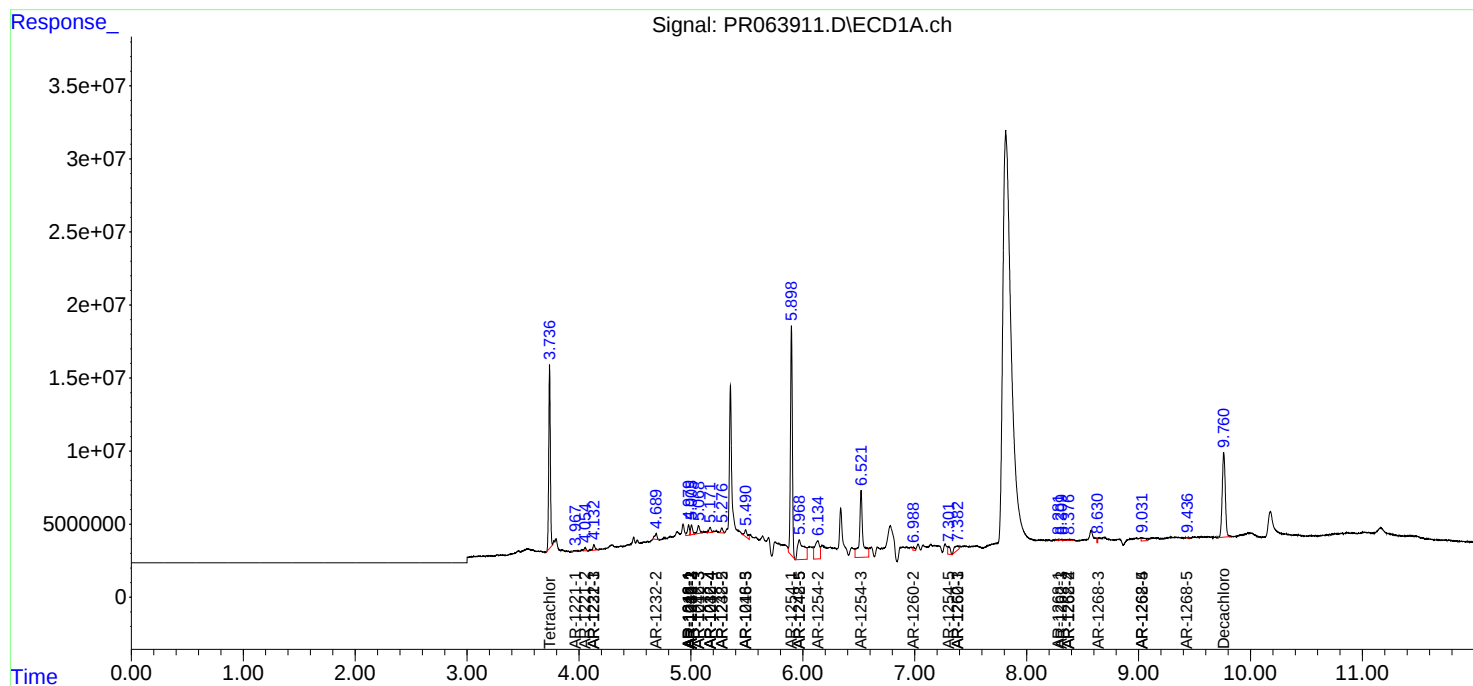
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

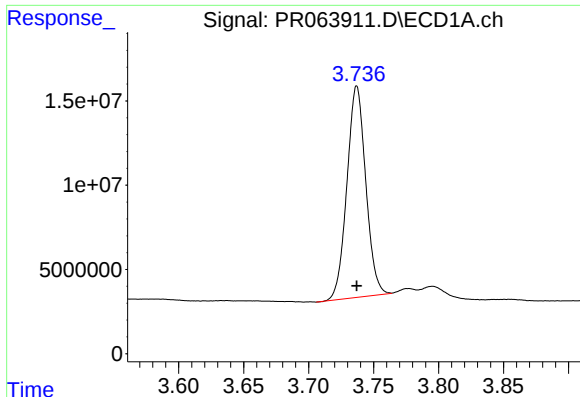
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

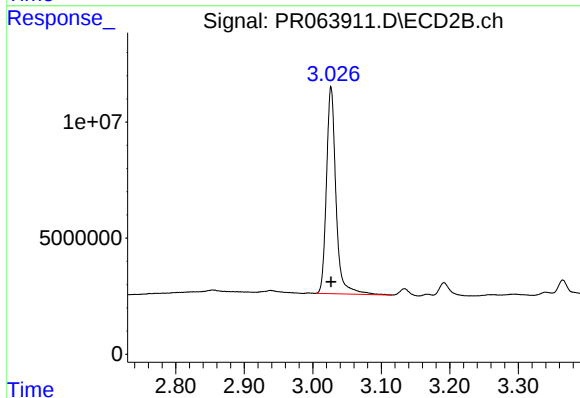




#1 Tetrachloro-m-xylene

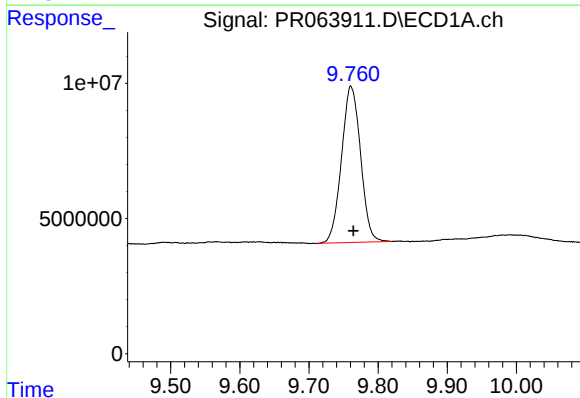
R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 126458389
Conc: 20.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



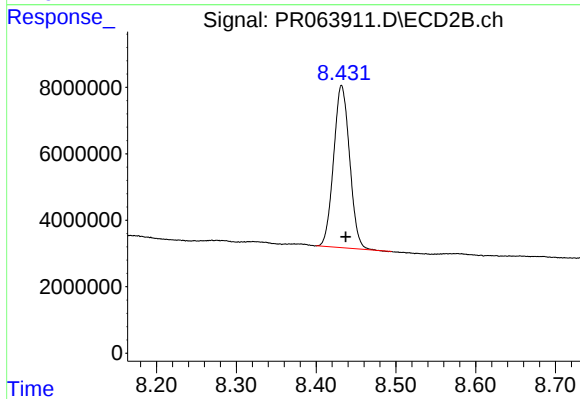
#1 Tetrachloro-m-xylene

R.T.: 3.027 min
Delta R.T.: 0.000 min
Response: 86139820
Conc: 22.04 ng/ml



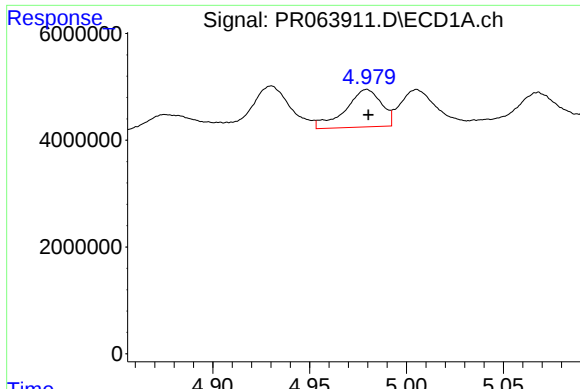
#2 Decachlorobiphenyl

R.T.: 9.761 min
Delta R.T.: -0.004 min
Response: 110648706
Conc: 23.45 ng/ml



#2 Decachlorobiphenyl

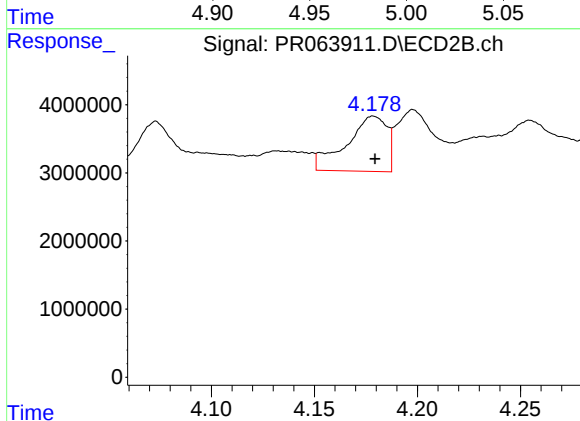
R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 67953513
Conc: 22.29 ng/ml



#3 AR-1016-1

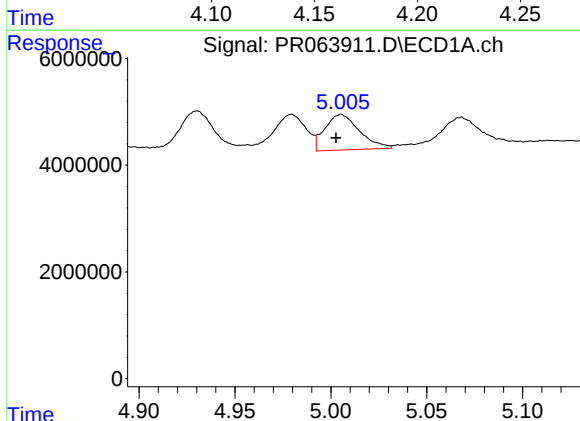
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 9098736
Conc: 43.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



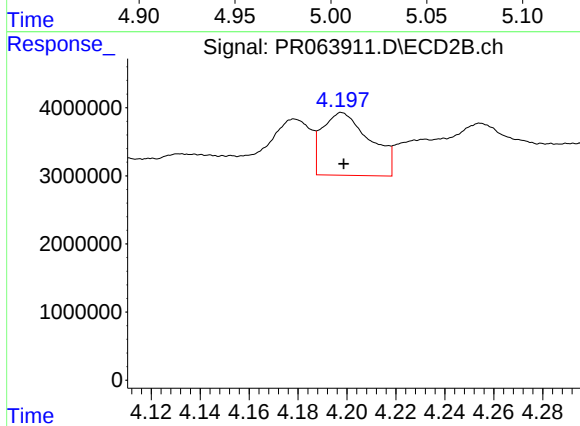
#3 AR-1016-1

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 11113556
Conc: 78.08 ng/ml



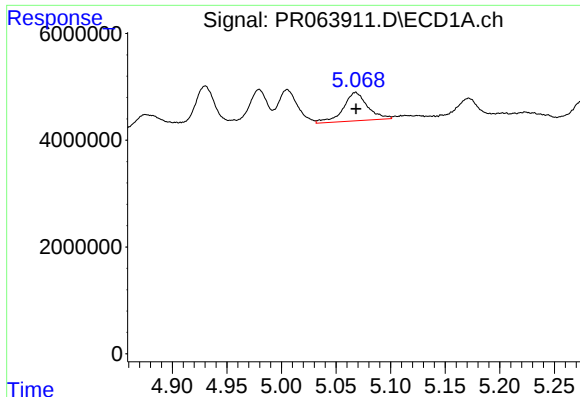
#4 AR-1016-2

R.T.: 5.005 min
Delta R.T.: 0.003 min
Response: 8410844
Conc: 27.03 ng/ml



#4 AR-1016-2

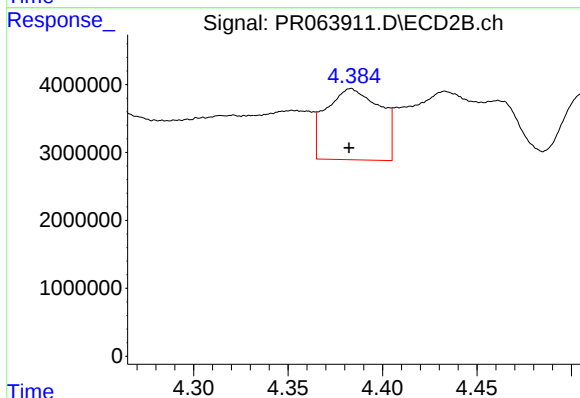
R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 12507304
Conc: 64.01 ng/ml



#5 AR-1016-3

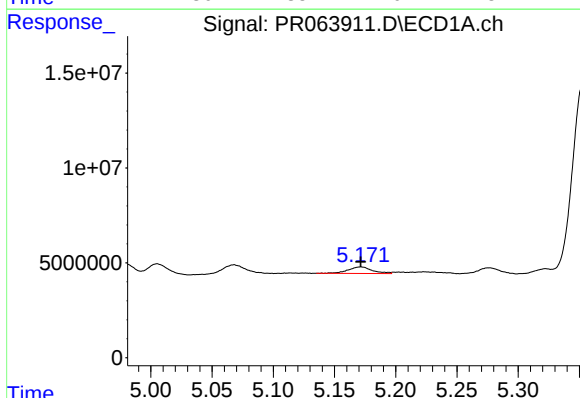
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 8315520
Conc: 43.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



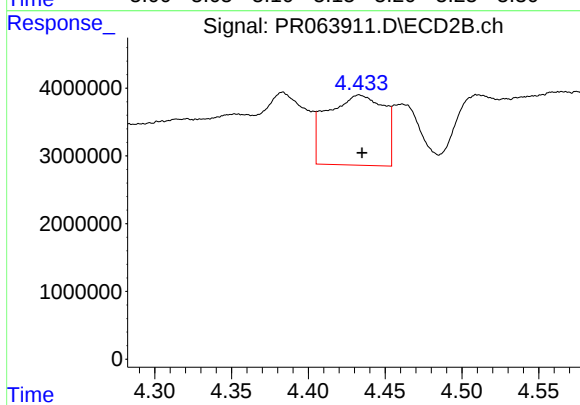
#5 AR-1016-3

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 20824821
Conc: 187.98 ng/ml



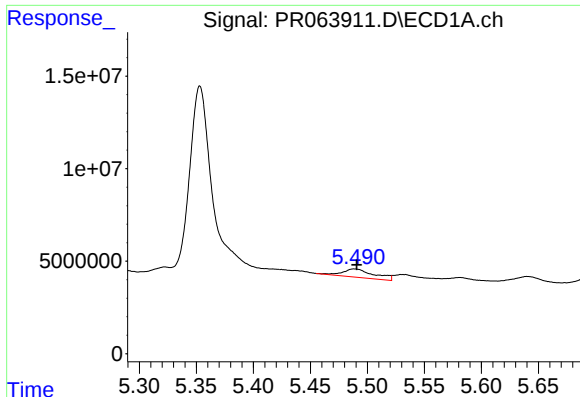
#6 AR-1016-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 4832198
Conc: 32.21 ng/ml



#6 AR-1016-4

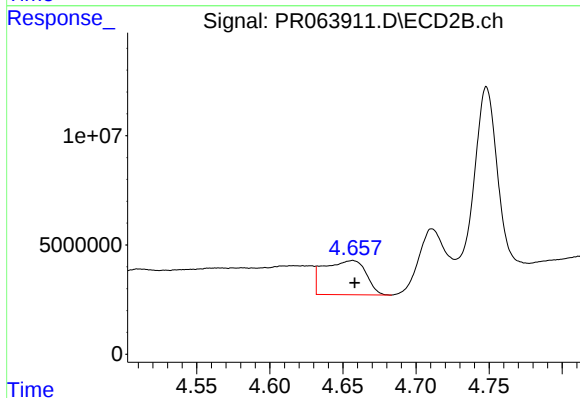
R.T.: 4.433 min
Delta R.T.: -0.002 min
Response: 26591821
Conc: 303.37 ng/ml



#7 AR-1016-5

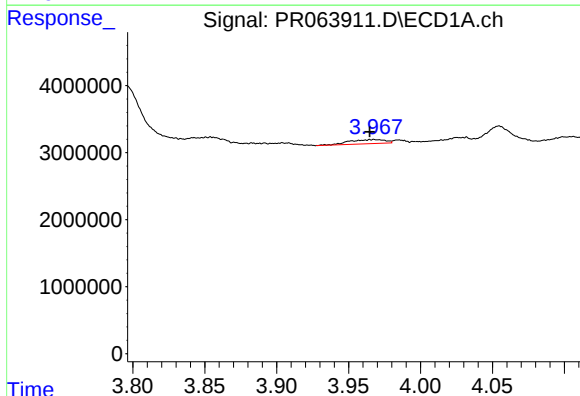
R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 8732500
Conc: 58.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



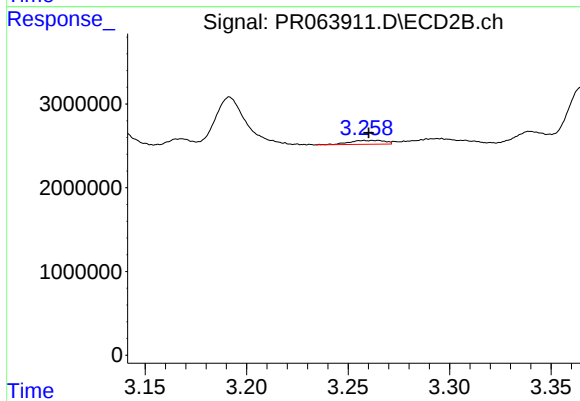
#7 AR-1016-5

R.T.: 4.657 min
Delta R.T.: -0.002 min
Response: 31428643
Conc: 285.03 ng/ml



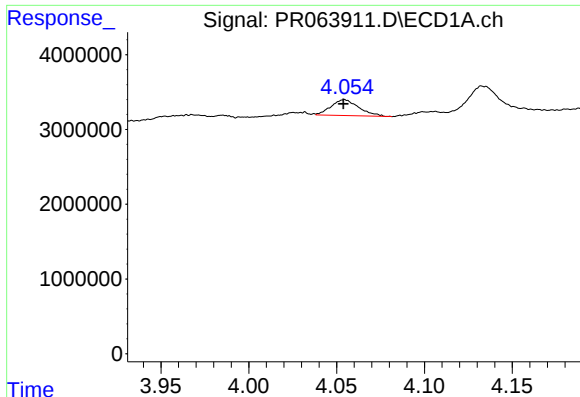
#8 AR-1221-1

R.T.: 3.968 min
Delta R.T.: 0.003 min
Response: 1075136
Conc: 14.52 ng/ml



#8 AR-1221-1

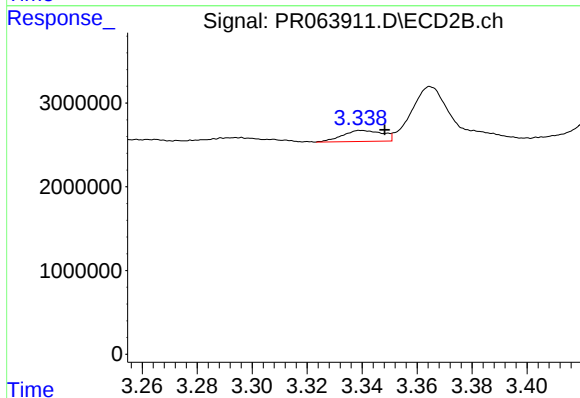
R.T.: 3.258 min
Delta R.T.: -0.002 min
Response: 578709
Conc: 11.99 ng/ml



#9 AR-1221-2

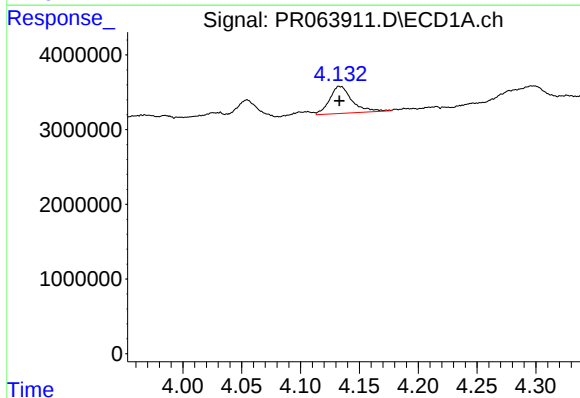
R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 2349296
Conc: 44.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



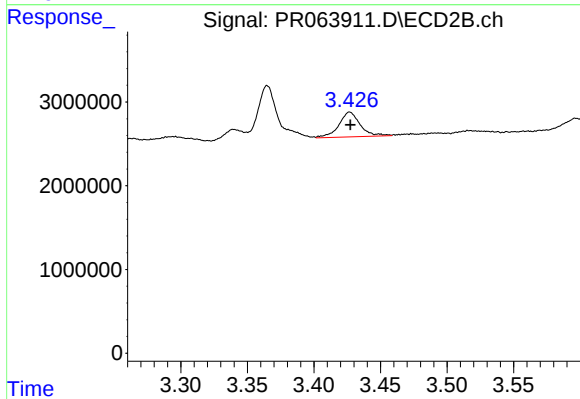
#9 AR-1221-2

R.T.: 3.340 min
Delta R.T.: -0.008 min
Response: 1321215
Conc: 35.68 ng/ml



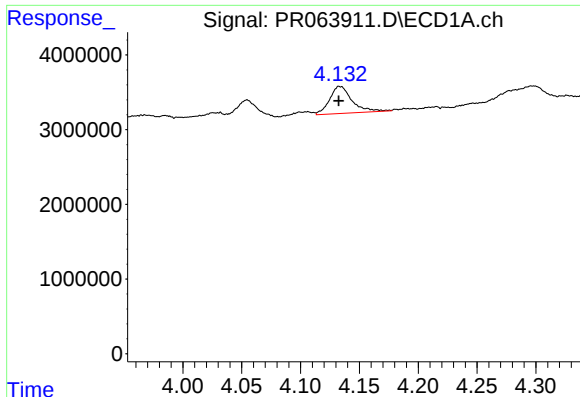
#10 AR-1221-3

R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 4832984
Conc: 28.73 ng/ml



#10 AR-1221-3

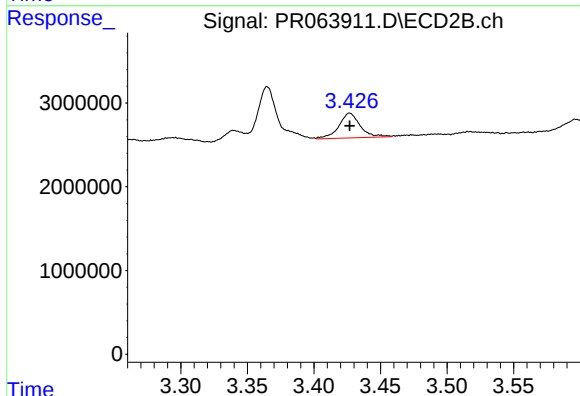
R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 3332794
Conc: 30.04 ng/ml



#11 AR-1232-1

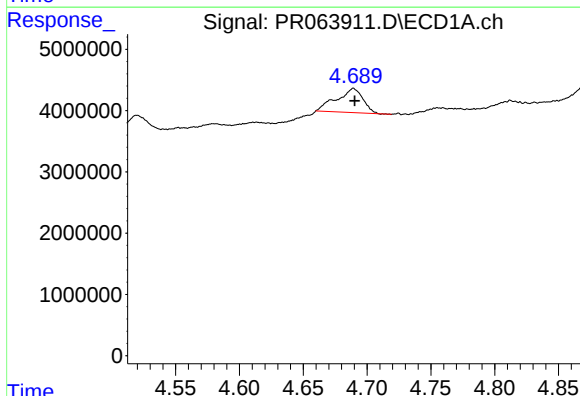
R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 4832984
Conc: 37.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



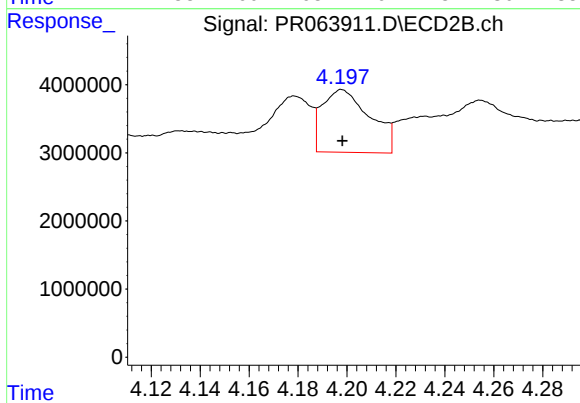
#11 AR-1232-1

R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 3332794
Conc: 39.14 ng/ml



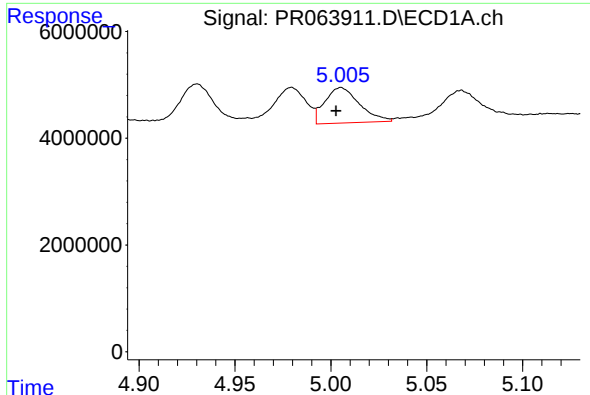
#12 AR-1232-2

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 5677960
Conc: 77.51 ng/ml



#12 AR-1232-2

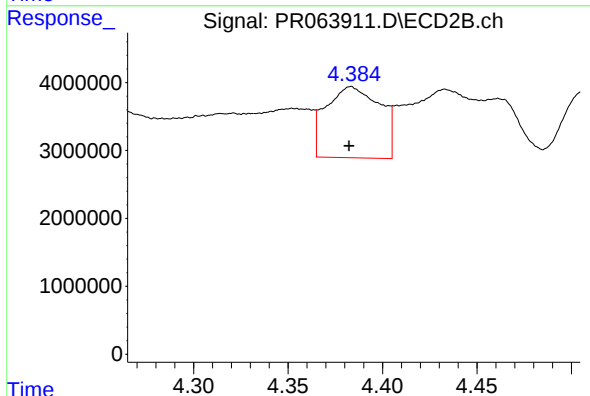
R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 12507304
Conc: 143.47 ng/ml



#13 AR-1232-3

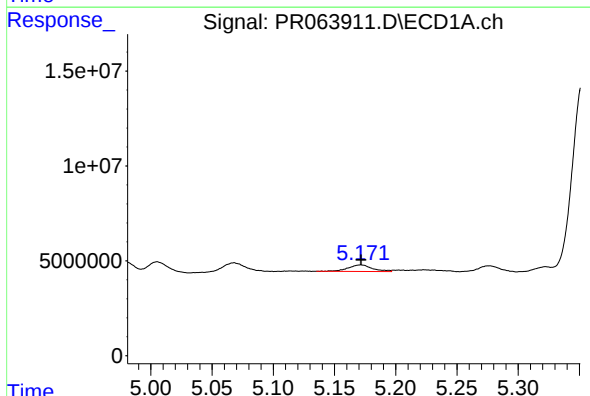
R.T.: 5.005 min
Delta R.T.: 0.003 min
Response: 8410844
Conc: 60.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



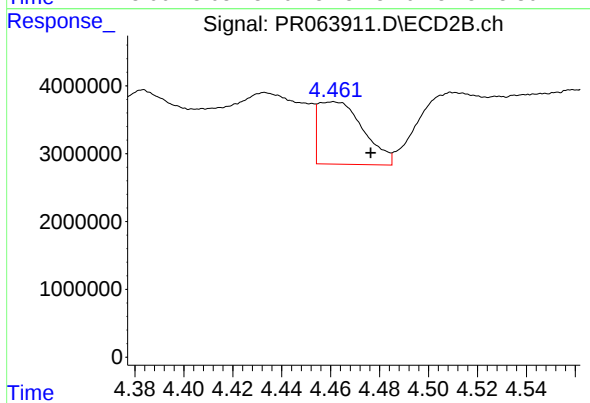
#13 AR-1232-3

R.T.: 4.383 min
Delta R.T.: 0.001 min
Response: 20824821
Conc: 432.16 ng/ml



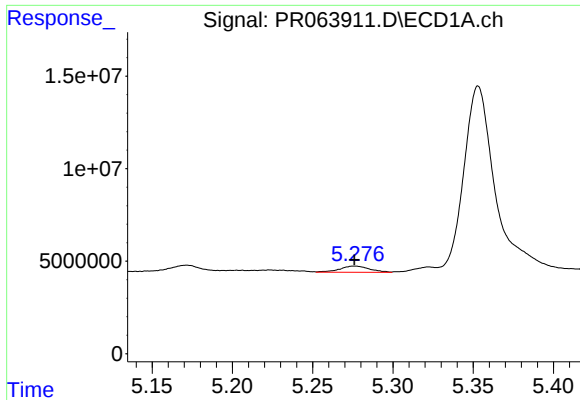
#14 AR-1232-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 4832198
Conc: 68.85 ng/ml



#14 AR-1232-4

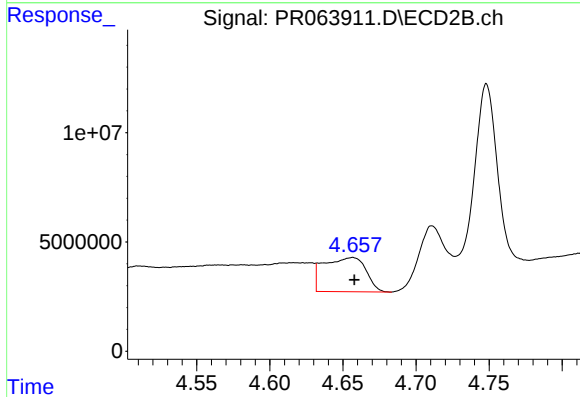
R.T.: 4.461 min
Delta R.T.: -0.015 min
Response: 11820327
Conc: 283.09 ng/ml



#15 AR-1232-5

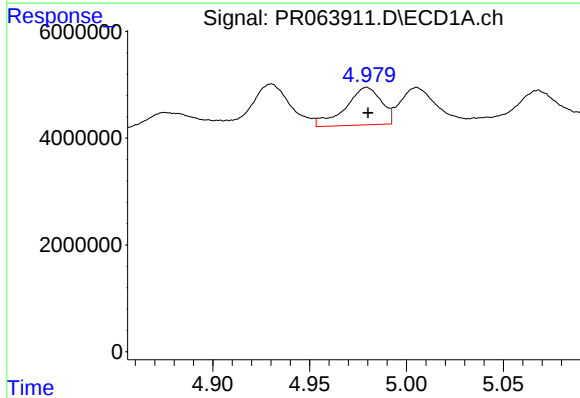
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 4324809
Conc: 84.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



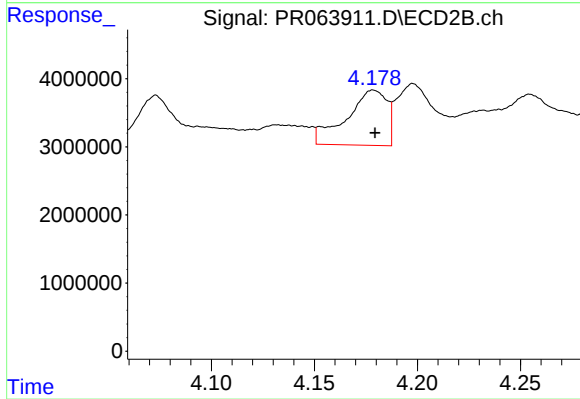
#15 AR-1232-5

R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 31428643
Conc: 657.54 ng/ml



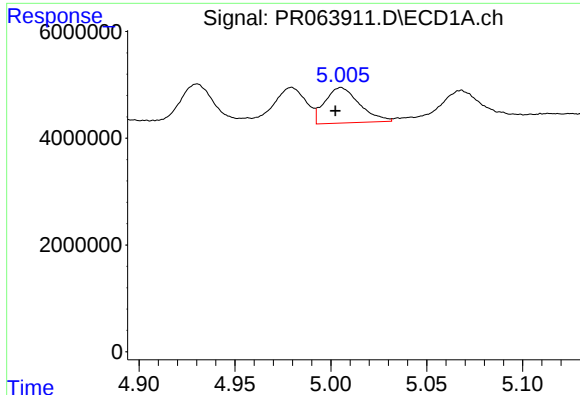
#16 AR-1242-1

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 9098736
Conc: 58.01 ng/ml



#16 AR-1242-1

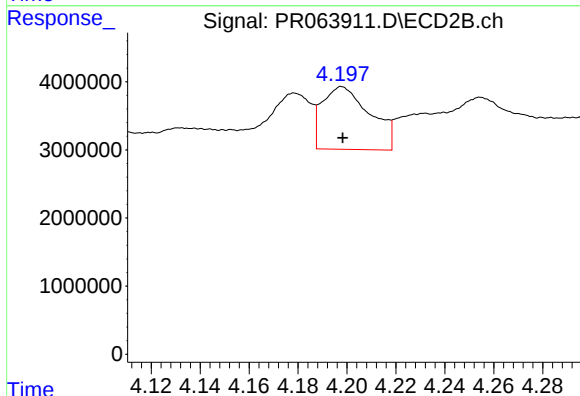
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 11113556
Conc: 103.18 ng/ml



#17 AR-1242-2

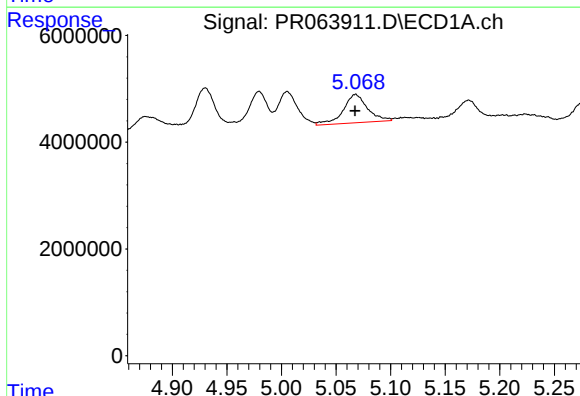
R.T.: 5.005 min
Delta R.T.: 0.003 min
Response: 8410844
Conc: 35.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



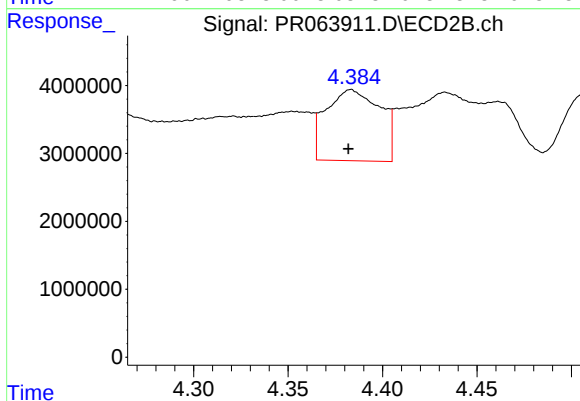
#17 AR-1242-2

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 12507304
Conc: 85.08 ng/ml



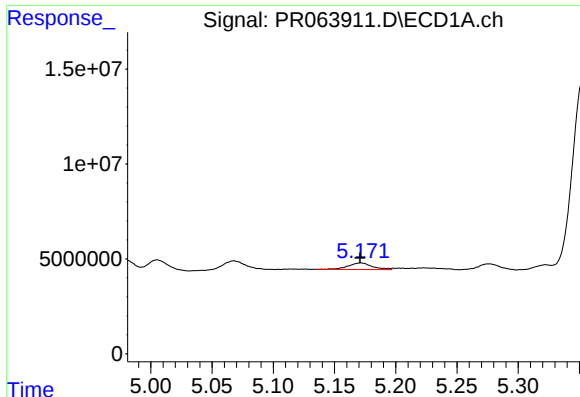
#18 AR-1242-3

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 8315520
Conc: 55.06 ng/ml



#18 AR-1242-3

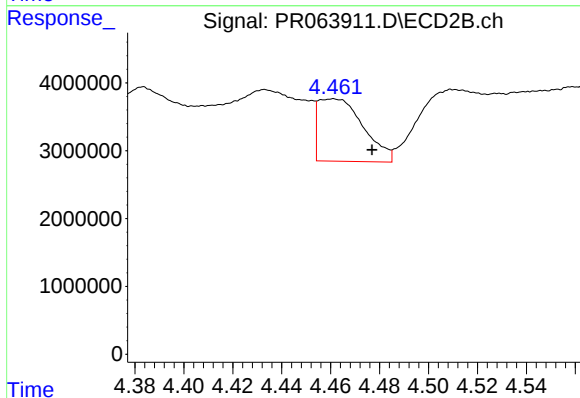
R.T.: 4.383 min
Delta R.T.: 0.001 min
Response: 20824821
Conc: 255.05 ng/ml



#19 AR-1242-4

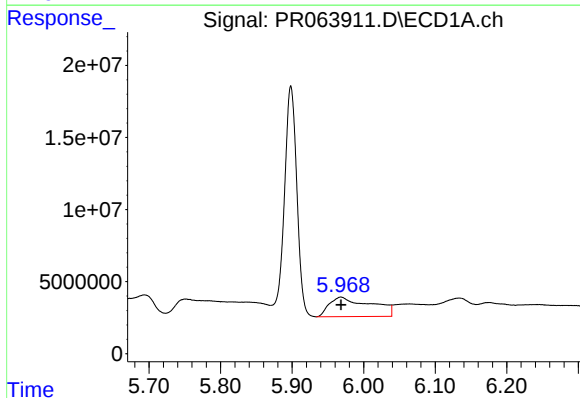
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 4832198
Conc: 40.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



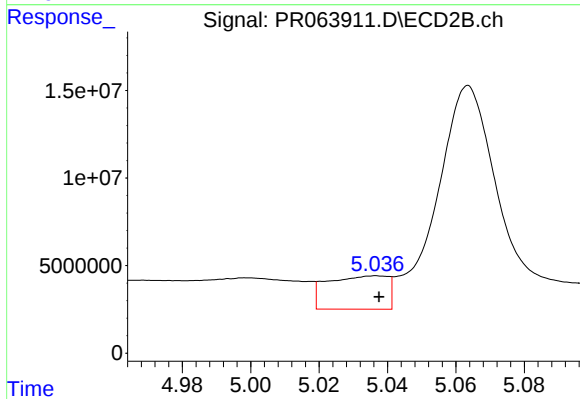
#19 AR-1242-4

R.T.: 4.461 min
Delta R.T.: -0.016 min
Response: 11820327
Conc: 146.66 ng/ml



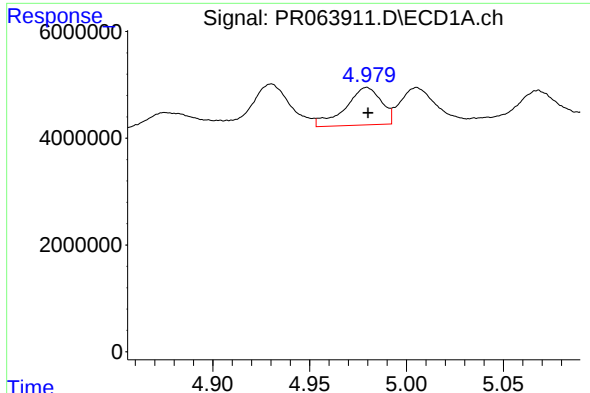
#20 AR-1242-5

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 54988785
Conc: 444.60 ng/ml



#20 AR-1242-5

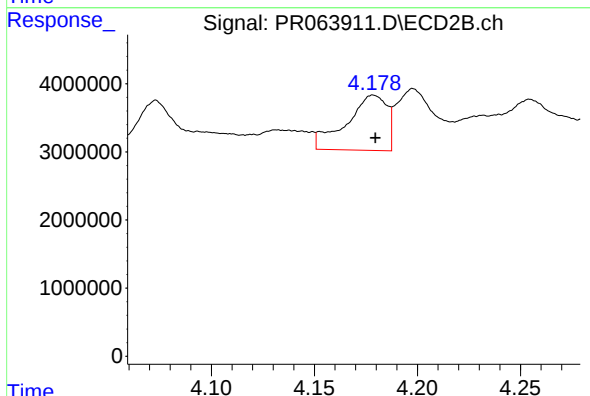
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 23266377
Conc: 224.37 ng/ml



#21 AR-1248-1

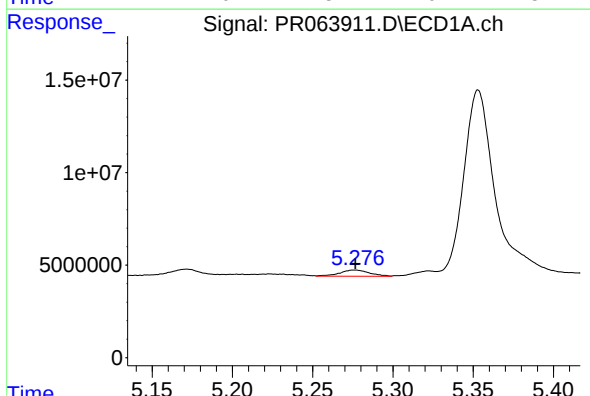
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 9098736
Conc: 75.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



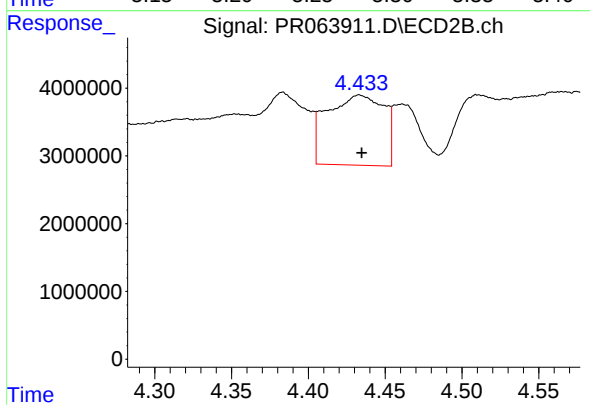
#21 AR-1248-1

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 11113556
Conc: 132.02 ng/ml



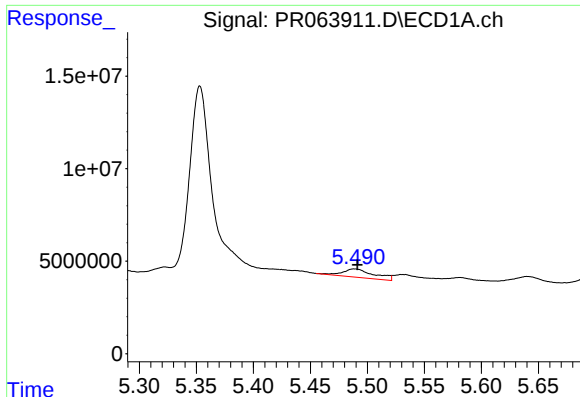
#22 AR-1248-2

R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 4324809
Conc: 25.38 ng/ml



#22 AR-1248-2

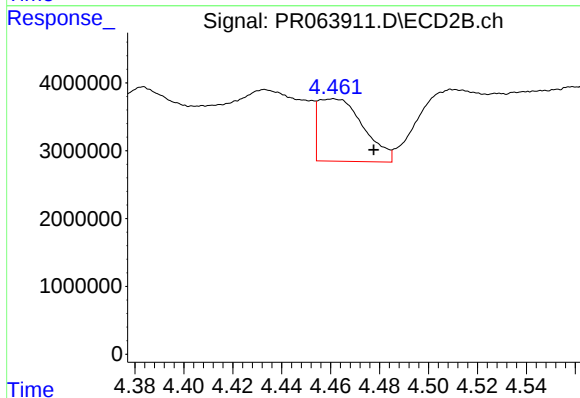
R.T.: 4.433 min
Delta R.T.: -0.002 min
Response: 26591821
Conc: 229.70 ng/ml



#23 AR-1248-3

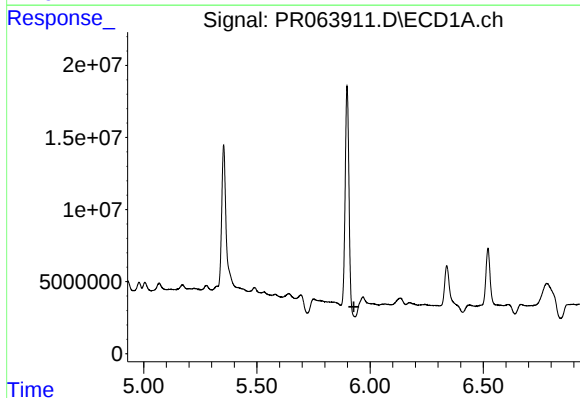
R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 8732500
Conc: 43.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



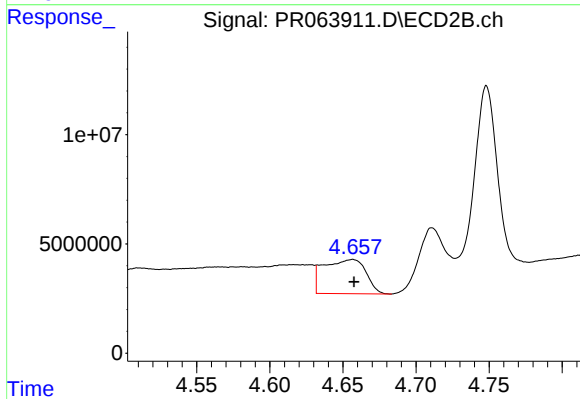
#23 AR-1248-3

R.T.: 4.461 min
Delta R.T.: -0.017 min
Response: 11820327
Conc: 99.86 ng/ml



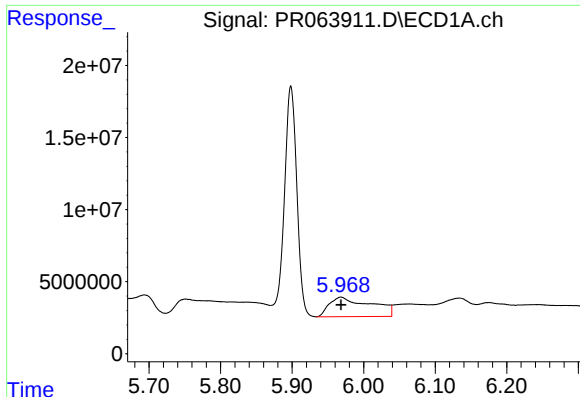
#24 AR-1248-4

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



#24 AR-1248-4

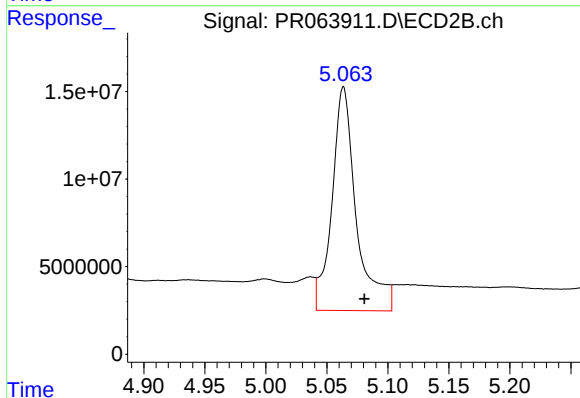
R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 31428643
Conc: 221.30 ng/ml



#25 AR-1248-5

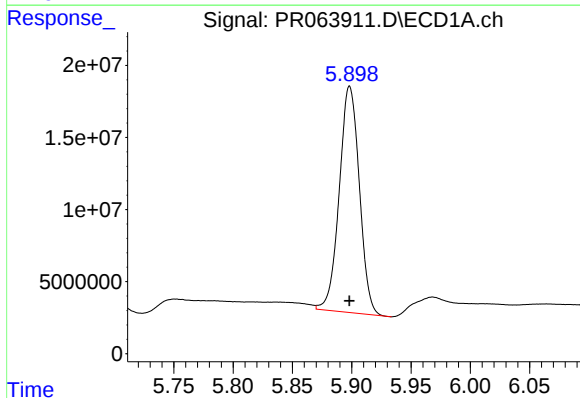
R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 54988785
Conc: 250.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



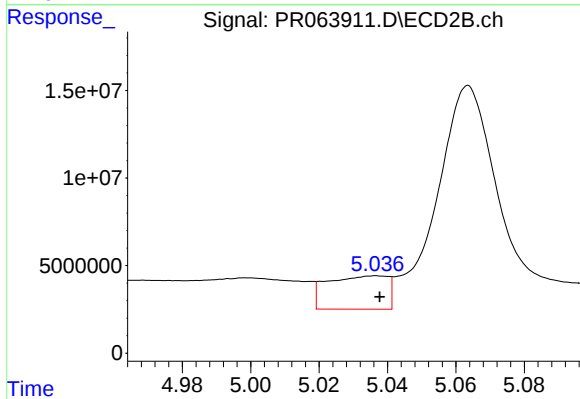
#25 AR-1248-5

R.T.: 5.064 min
Delta R.T.: -0.017 min
Response: 177291896
Conc: 1274.21 ng/ml



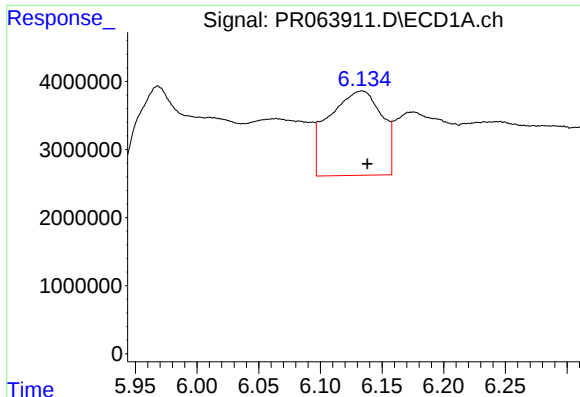
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 185121017
Conc: 845.37 ng/ml



#26 AR-1254-1

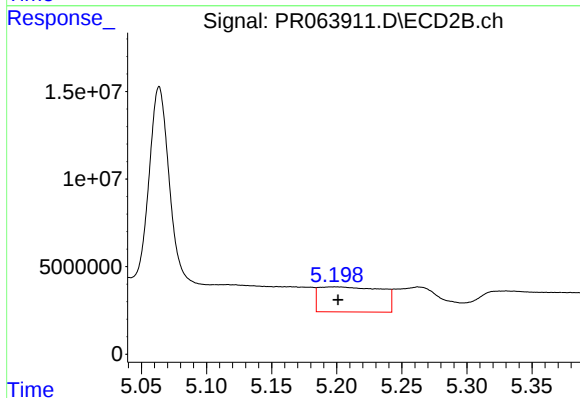
R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 23266377
Conc: 114.06 ng/ml



#27 AR-1254-2

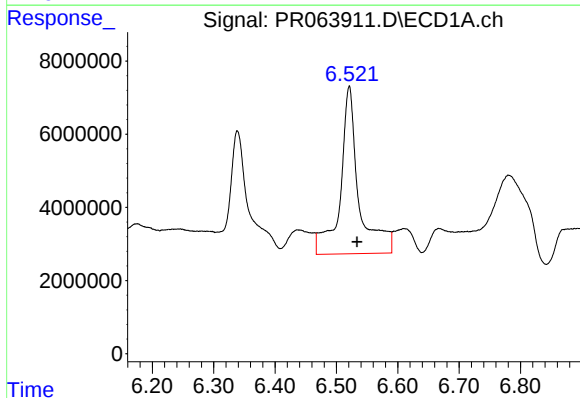
R.T.: 6.134 min
Delta R.T.: -0.004 min
Response: 37046397
Conc: 110.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



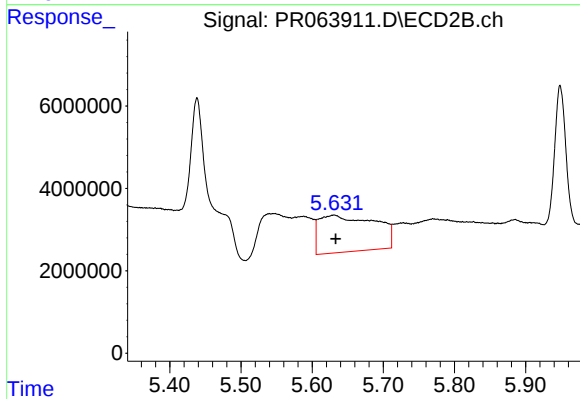
#27 AR-1254-2

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 47714784
Conc: 259.40 ng/ml



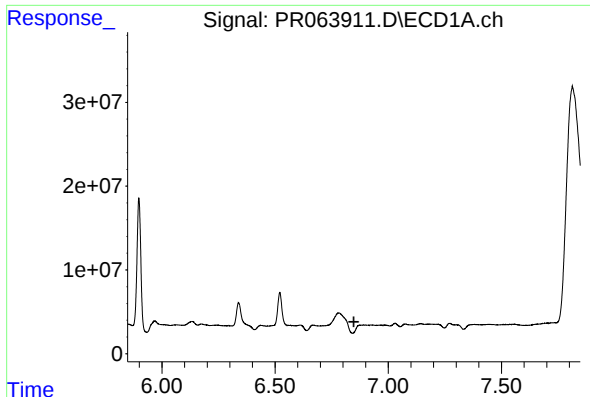
#28 AR-1254-3

R.T.: 6.521 min
Delta R.T.: -0.012 min
Response: 95755033
Conc: 283.78 ng/ml



#28 AR-1254-3

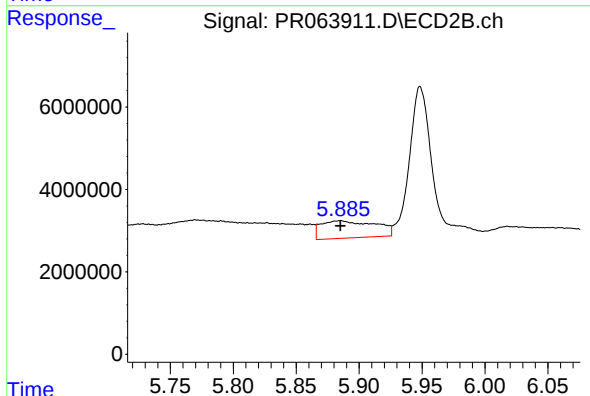
R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 48865974
Conc: 168.41 ng/ml



#29 AR-1254-4

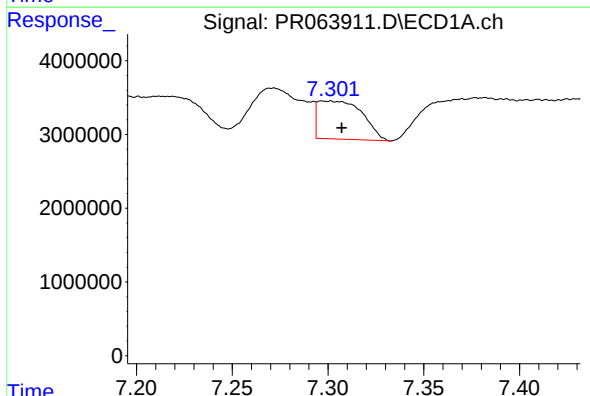
R.T.: 0.000 min
Exp R.T.: 6.848 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



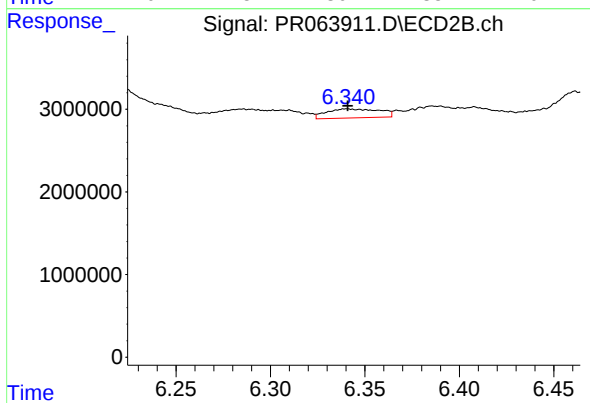
#29 AR-1254-4

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 12681593
Conc: 70.37 ng/ml



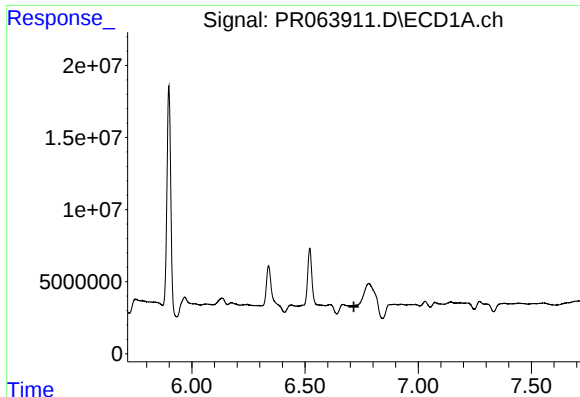
#30 AR-1254-5

R.T.: 7.297 min
Delta R.T.: -0.010 min
Response: 8381323
Conc: 30.76 ng/ml



#30 AR-1254-5

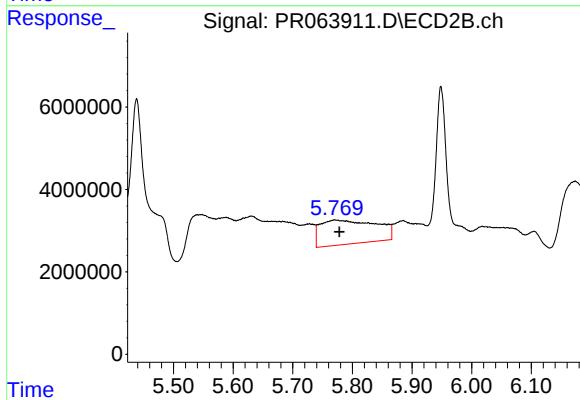
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 2128793
Conc: 7.94 ng/ml



#31 AR-1260-1

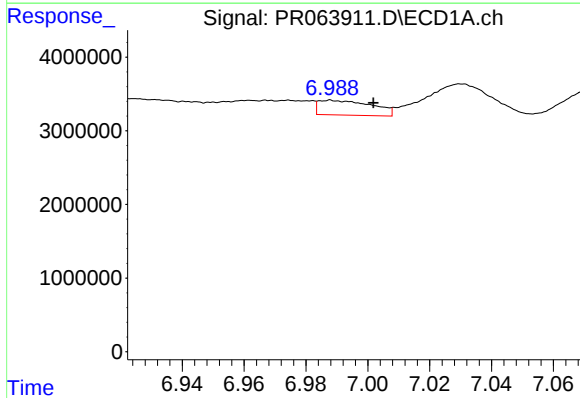
R.T.: 0.000 min
Exp R.T.: 6.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



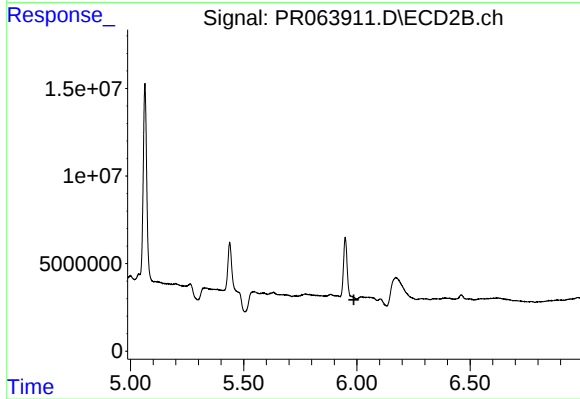
#31 AR-1260-1

R.T.: 5.770 min
Delta R.T.: -0.008 min
Response: 38292116
Conc: 178.73 ng/ml



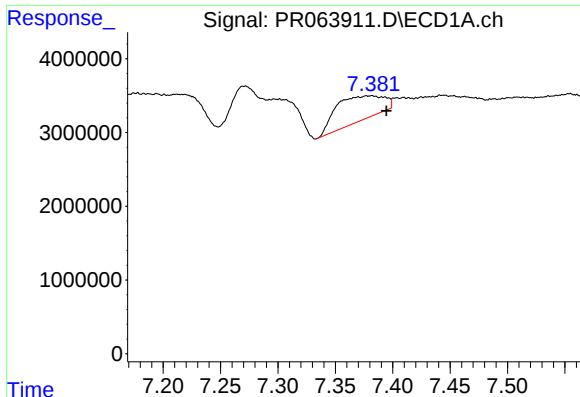
#32 AR-1260-2

R.T.: 6.988 min
Delta R.T.: -0.014 min
Response: 2425273
Conc: 7.56 ng/ml



#32 AR-1260-2

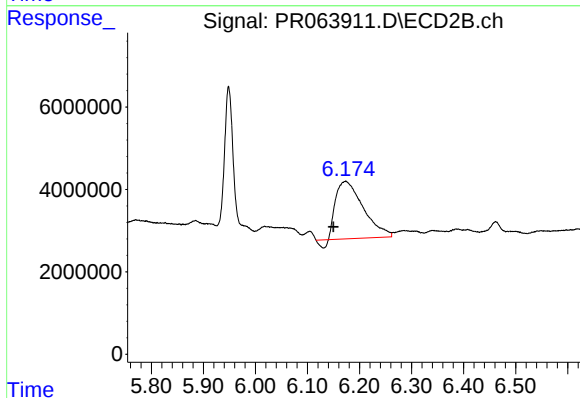
R.T.: 0.000 min
Exp R.T.: 5.987 min
Response: 0
Conc: N.D.



#33 AR-1260-3

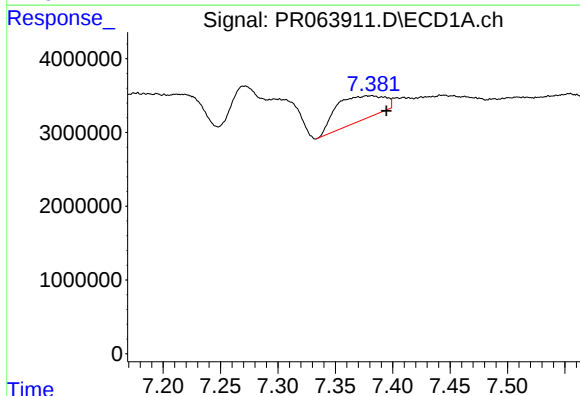
R.T.: 7.382 min
Delta R.T.: -0.013 min
Response: 9649954
Conc: 49.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



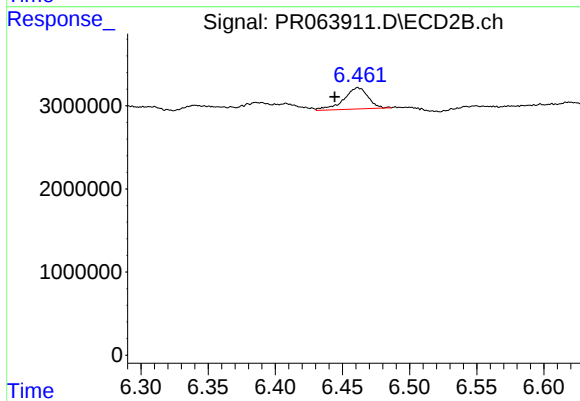
#33 AR-1260-3

R.T.: 6.173 min
Delta R.T.: 0.024 min
Response: 50559019
Conc: 200.57 ng/ml



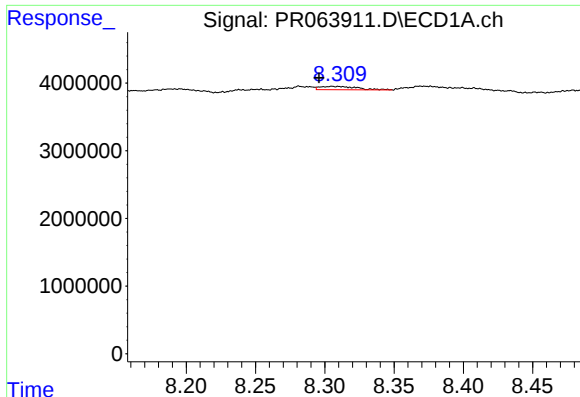
#36 AR-1262-1

R.T.: 7.382 min
Delta R.T.: -0.013 min
Response: 9649954
Conc: 29.61 ng/ml



#36 AR-1262-1

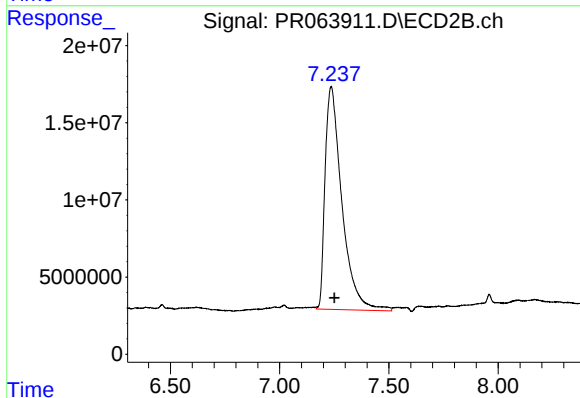
R.T.: 6.462 min
Delta R.T.: 0.017 min
Response: 3232834
Conc: 29.86 ng/ml



#38 AR-1262-3

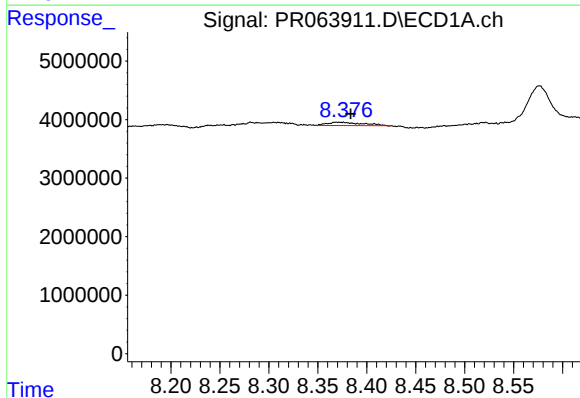
R.T.: 8.306 min
Delta R.T.: 0.010 min
Response: 918885
Conc: 2.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



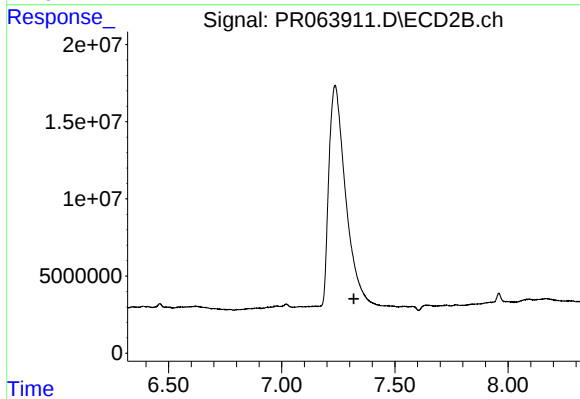
#38 AR-1262-3

R.T.: 7.236 min
Delta R.T.: -0.014 min
Response: 773696865
Conc: 4498.85 ng/ml



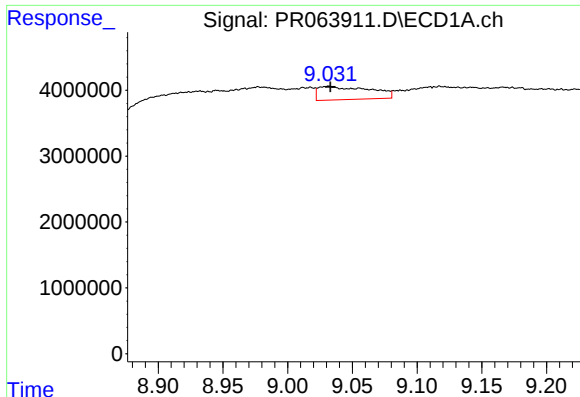
#39 AR-1262-4

R.T.: 8.369 min
Delta R.T.: -0.014 min
Response: 1427012
Conc: 5.04 ng/ml



#39 AR-1262-4

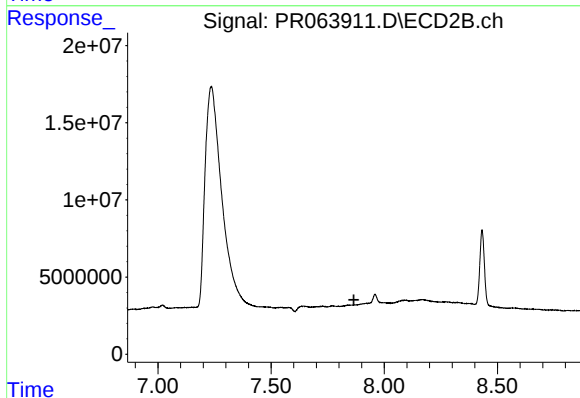
R.T.: 0.000 min
Exp R.T. : 7.319 min
Response: 0
Conc: N.D.



#40 AR-1262-5

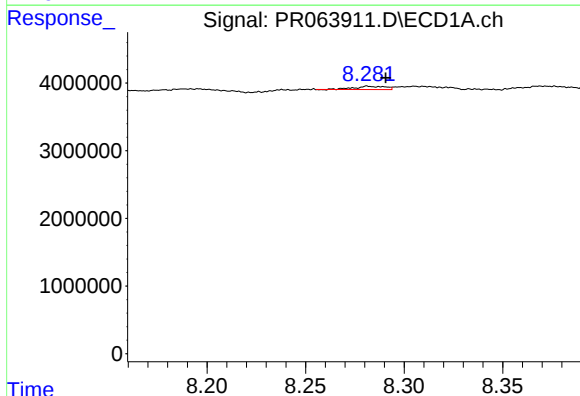
R.T.: 9.032 min
Delta R.T.: -0.001 min
Response: 5654065
Conc: 27.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



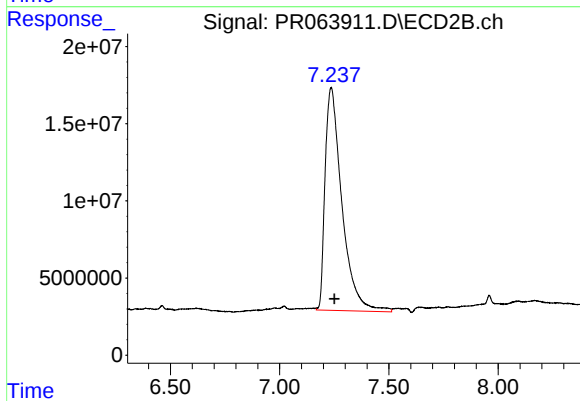
#40 AR-1262-5

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



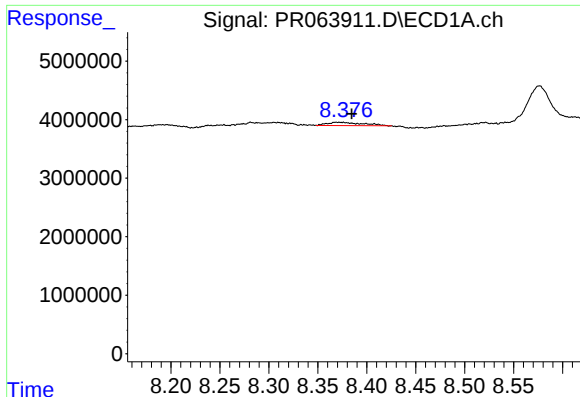
#41 AR-1268-1

R.T.: 8.282 min
Delta R.T.: -0.009 min
Response: 531688
Conc: 0.82 ng/ml



#41 AR-1268-1

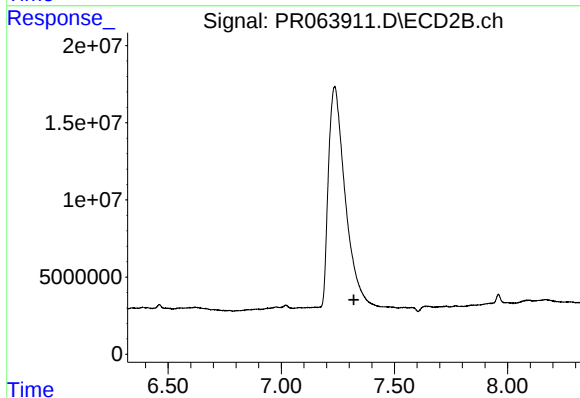
R.T.: 7.236 min
Delta R.T.: -0.014 min
Response: 773696865
Conc: 1598.21 ng/ml



#42 AR-1268-2

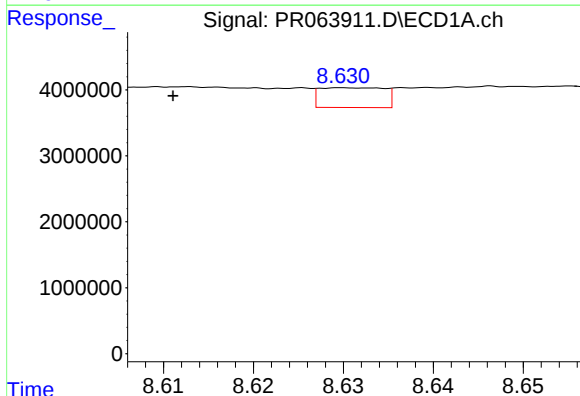
R.T.: 8.369 min
Delta R.T.: -0.015 min
Response: 1427012
Conc: 2.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



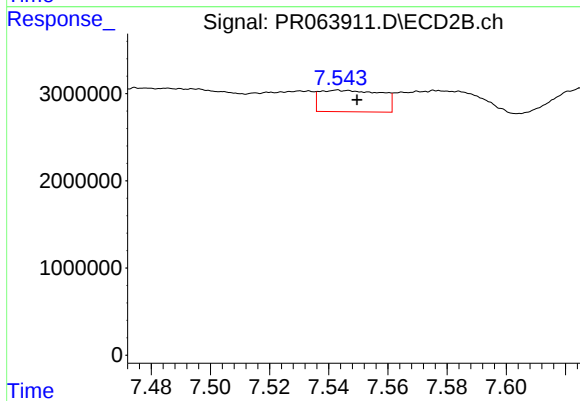
#42 AR-1268-2

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



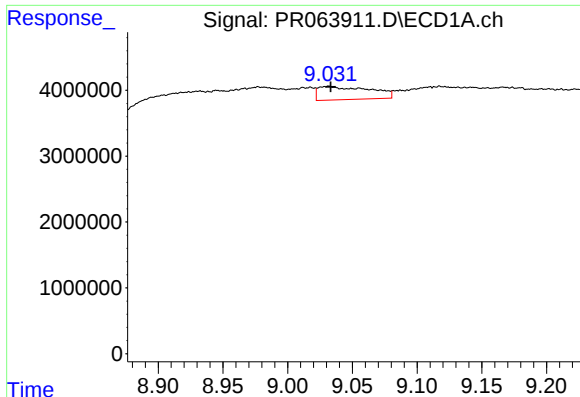
#43 AR-1268-3

R.T.: 8.631 min
Delta R.T.: 0.020 min
Response: 1501621
Conc: 2.88 ng/ml



#43 AR-1268-3

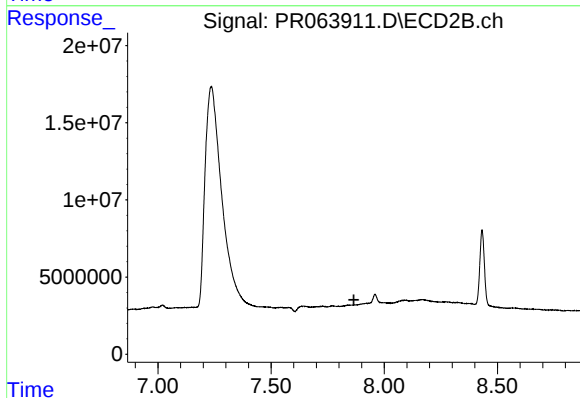
R.T.: 7.543 min
Delta R.T.: -0.006 min
Response: 3555300
Conc: 9.49 ng/ml



#44 AR-1268-4

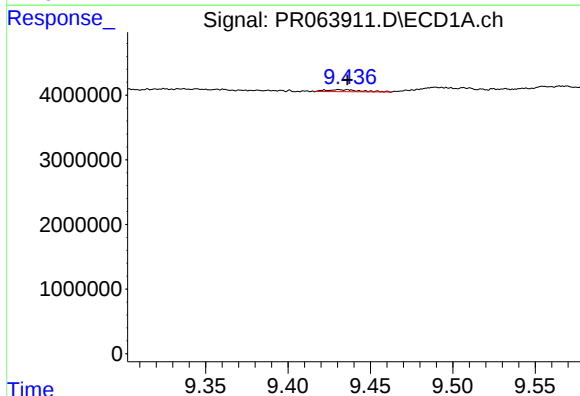
R.T.: 9.032 min
Delta R.T.: -0.002 min
Response: 5654065
Conc: 25.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



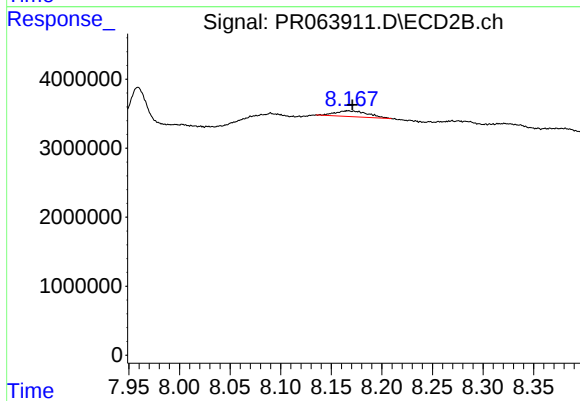
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.431 min
Delta R.T.: -0.005 min
Response: 438640
Conc: 0.26 ng/ml



#45 AR-1268-5

R.T.: 8.167 min
Delta R.T.: -0.004 min
Response: 1847581
Conc: 1.67 ng/ml