

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101123\
 Data File : PR063973.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 14:07
 Operator : AJ\MA
 Sample : 04699-09
 Misc : AR1248 MDL 25 PPB
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 22:25:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 10 14:16:46 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.737	3.026	108.9E6	68072362	17.258	17.415
2)	SA Decachlor...	9.760	8.428	86015387	54921601	18.228	18.015
Target Compounds							
3)	L1 AR-1016-1	4.979	4.176	2721113	1946328	12.990	13.675
4)	L1 AR-1016-2	5.003	4.196	3130150	1792106	10.059	9.171
5)	L1 AR-1016-3	5.067	4.381	1470293	1451451	7.676	13.102 #
6)	L1 AR-1016-4	5.169	4.431	1763092	2724255	11.753	31.080 #
7)	L1 AR-1016-5	5.489	4.655	3787452	3247995	25.538	29.457
8)	L2 AR-1221-1	3.968	0.000	242853	0	3.280	N.D. #
9)	L2 AR-1221-2	4.053	3.338	1680176	941851	31.916	25.433
10)	L2 AR-1221-3	4.138	3.427	798309	451865	4.746	4.074
11)	L3 AR-1232-1	4.138	3.427	798309	451865	6.271	5.306
12)	L3 AR-1232-2	4.690	4.196	1014814	1792106	13.854	20.557 #
13)	L3 AR-1232-3	5.003	4.381	3130150	1451451	22.540	30.121 #
14)	L3 AR-1232-4	5.169	4.473	1763092	2604778	25.122	62.383 #
15)	L3 AR-1232-5	5.275	4.655	3776089	3247995	73.713	67.954
16)	L4 AR-1242-1	4.979	4.176	2721113	1946328	17.349	18.070
17)	L4 AR-1242-2	5.003	4.196	3130150	1792106	13.208	12.190
18)	L4 AR-1242-3	5.067	4.381	1470293	1451451	9.736	17.777 #
19)	L4 AR-1242-4	5.169	4.473	1763092	2604778	14.593	32.319 #
20)	L4 AR-1242-5	5.968	5.034	5045589	4503084	40.795	43.426
21)	L5 AR-1248-1	4.979	4.176	2721113	1946328	22.472	23.121
22)	L5 AR-1248-2	5.275	4.431	3776089	2724255	22.157	23.532
23)	L5 AR-1248-3	5.489	4.473	3787452	2604778	19.056	22.005
24)	L5 AR-1248-4	5.927	4.655	4331800	3247995	20.444	22.870
25)	L5 AR-1248-5	5.968	5.077	5045589	3590217	22.939	25.803
26)	L6 AR-1254-1	5.897	5.034	4497232	4503084	20.537	22.075
27)	L6 AR-1254-2	6.136	5.197	4587749	2046602	13.679	11.126
28)	L6 AR-1254-3	6.531	5.629	3578439	2158735	10.605	7.440 #
29)	L6 AR-1254-4	6.848	5.881	1277524	2286102	5.320	12.685 #
30)	L6 AR-1254-5	7.305	6.335	377952	1027183	1.387	3.831 #
31)	L7 AR-1260-1	6.714	5.783	242862	1534360	0.885	7.162 #
32)	L7 AR-1260-2	6.997	5.984	260747	326993	0.813	1.279 #
33)	L7 AR-1260-3	7.392	6.145	250033	1272196	1.277	5.047 #
34)	L7 AR-1260-4	7.619f	0.000	237629	0	0.979	N.D. #
35)	L7 AR-1260-5	7.978	6.937	294085	798951	0.650	2.172 #
36)	L8 AR-1262-1	7.392	0.000	250033	0	0.767	N.D. #
37)	L8 AR-1262-2	7.978	0.000	294085	0	0.519	N.D. #
38)	L8 AR-1262-3	8.309	7.233f	2558074	2687547	6.826	15.627 #
39)	L8 AR-1262-4	8.366f	7.310	2631656	2206035	9.291	6.894 #
40)	L8 AR-1262-5	9.031	0.000	4879679	0	23.762	N.D. #
41)	L9 AR-1268-1	8.309f	7.233f	2558074	2687547	3.958	5.552 #

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 Misc : AR1248 MDL 25 PPB
 ALS Vial : 86 Sample Multiplier: 1

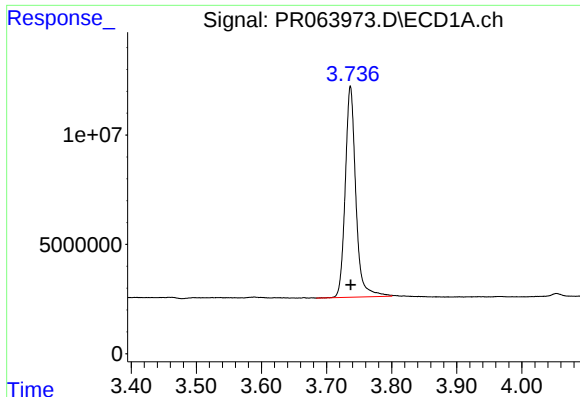
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 22:25:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
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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
42) L9	AR-1268-2	8.366f	7.310	2631656	2206035	4.552	4.961
43) L9	AR-1268-3	0.000	7.541	0	184613	N.D.	0.493 #
44) L9	AR-1268-4	9.031	0.000	4879679	0	22.218	N.D. #
45) L9	AR-1268-5	9.436	0.000	617828	0	0.372	N.D. #

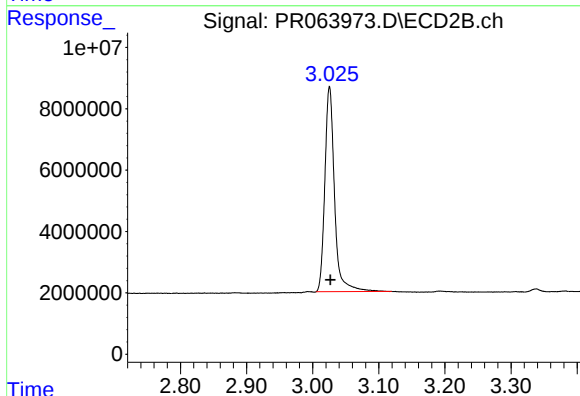
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

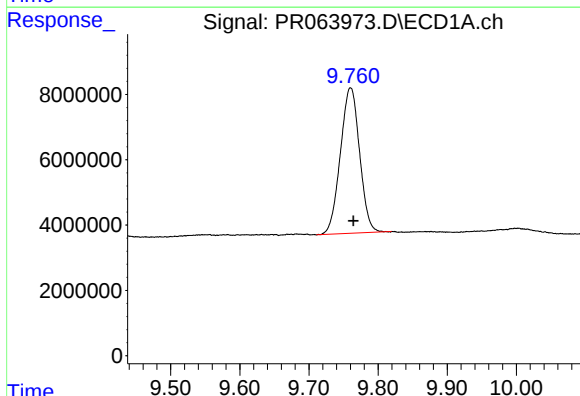
R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 108912116
Conc: 17.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



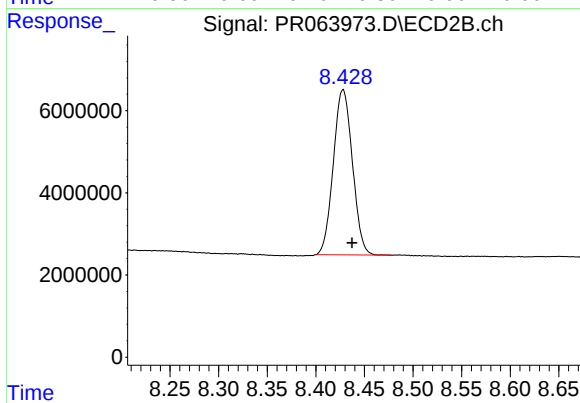
#1 Tetrachloro-m-xylene

R.T.: 3.026 min
Delta R.T.: -0.001 min
Response: 68072362
Conc: 17.41 ng/ml



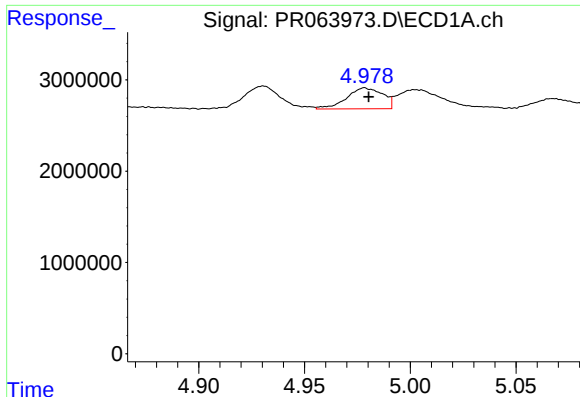
#2 Decachlorobiphenyl

R.T.: 9.760 min
Delta R.T.: -0.004 min
Response: 86015387
Conc: 18.23 ng/ml



#2 Decachlorobiphenyl

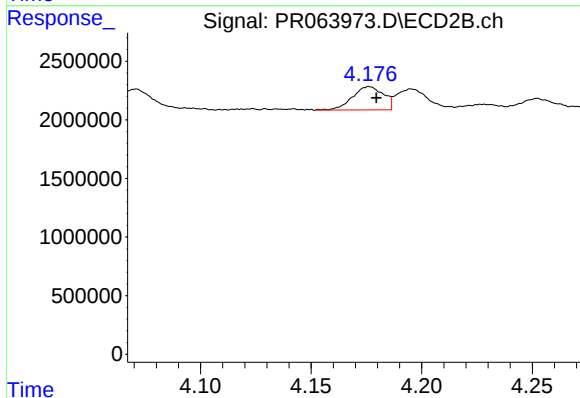
R.T.: 8.428 min
Delta R.T.: -0.009 min
Response: 54921601
Conc: 18.02 ng/ml



#3 AR-1016-1

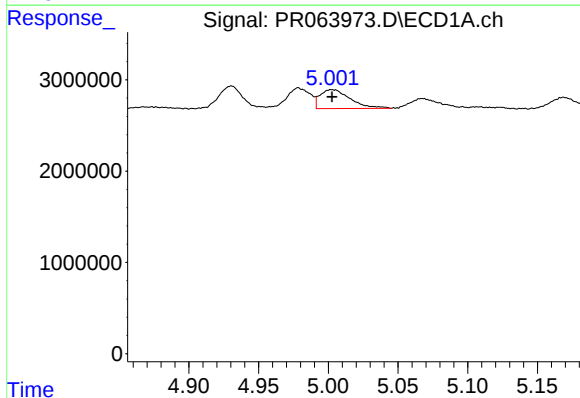
R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 2721113
Conc: 12.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



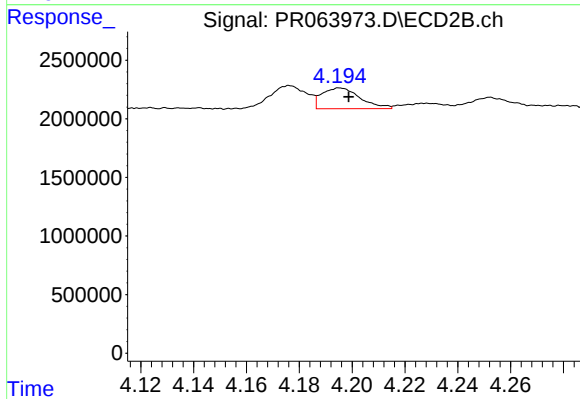
#3 AR-1016-1

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 1946328
Conc: 13.67 ng/ml



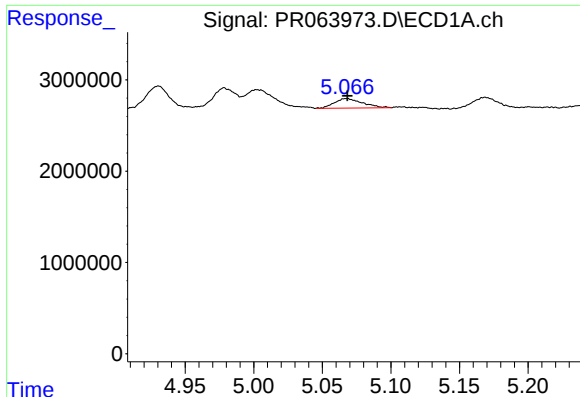
#4 AR-1016-2

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 3130150
Conc: 10.06 ng/ml



#4 AR-1016-2

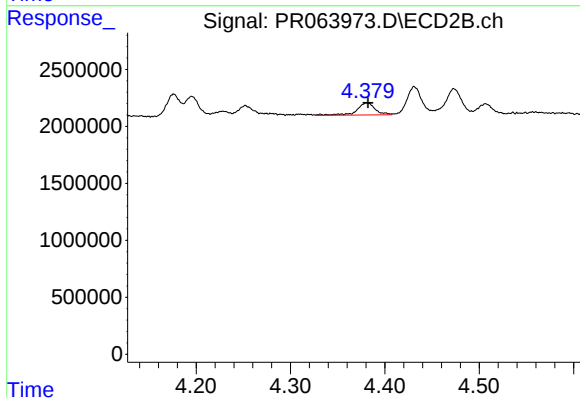
R.T.: 4.196 min
Delta R.T.: -0.003 min
Response: 1792106
Conc: 9.17 ng/ml



#5 AR-1016-3

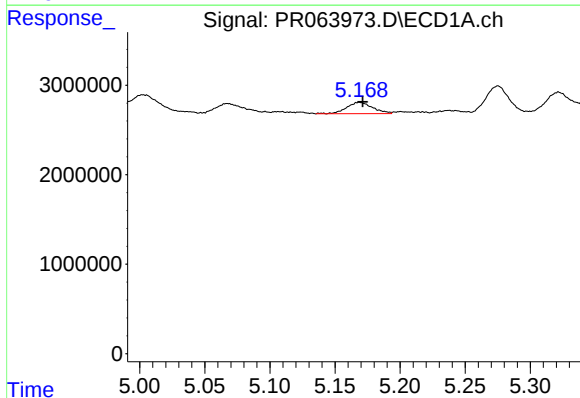
R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 1470293
Conc: 7.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



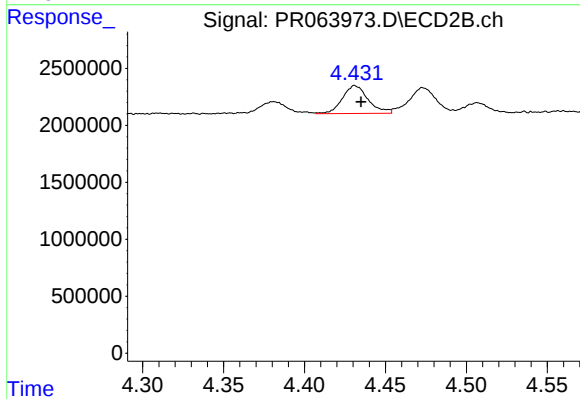
#5 AR-1016-3

R.T.: 4.381 min
Delta R.T.: -0.001 min
Response: 1451451
Conc: 13.10 ng/ml



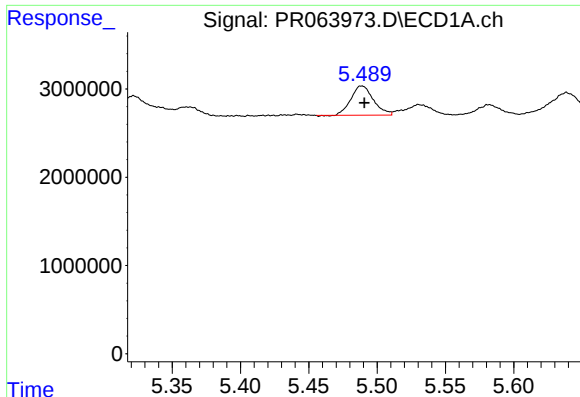
#6 AR-1016-4

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 1763092
Conc: 11.75 ng/ml



#6 AR-1016-4

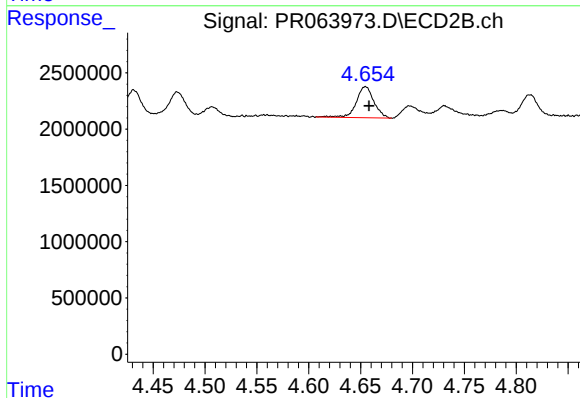
R.T.: 4.431 min
Delta R.T.: -0.004 min
Response: 2724255
Conc: 31.08 ng/ml



#7 AR-1016-5

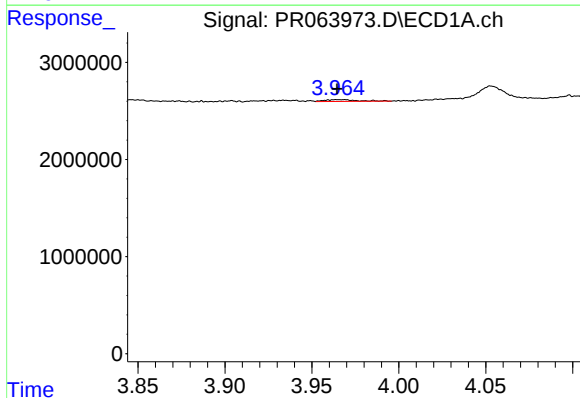
R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 3787452
Conc: 25.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



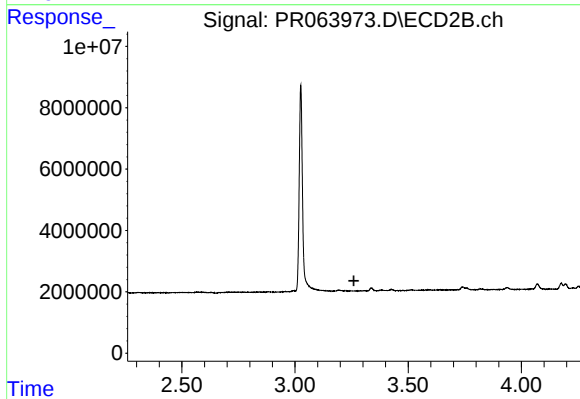
#7 AR-1016-5

R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 3247995
Conc: 29.46 ng/ml



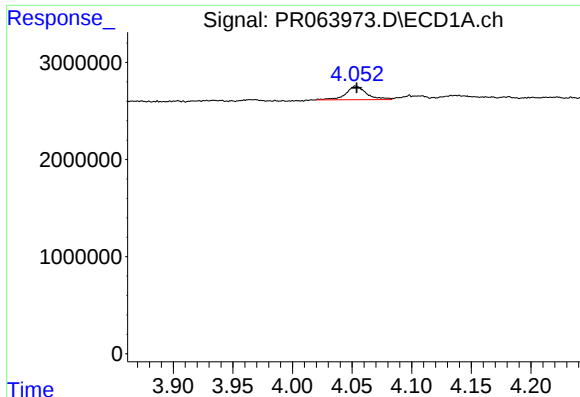
#8 AR-1221-1

R.T.: 3.968 min
Delta R.T.: 0.003 min
Response: 242853
Conc: 3.28 ng/ml



#8 AR-1221-1

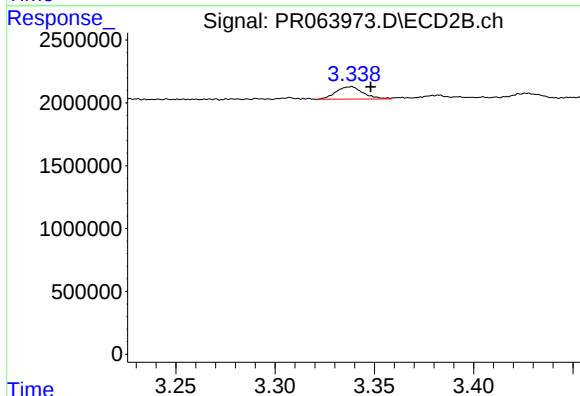
R.T.: 0.000 min
Exp R.T. : 3.260 min
Response: 0
Conc: N.D.



#9 AR-1221-2

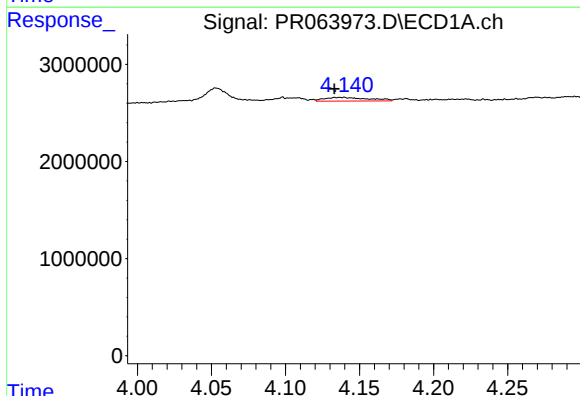
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 1680176
Conc: 31.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



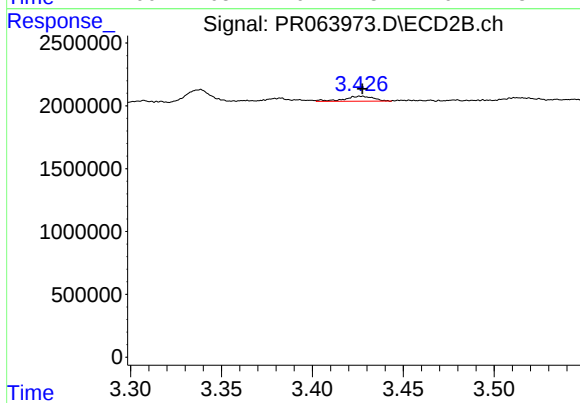
#9 AR-1221-2

R.T.: 3.338 min
Delta R.T.: -0.010 min
Response: 941851
Conc: 25.43 ng/ml



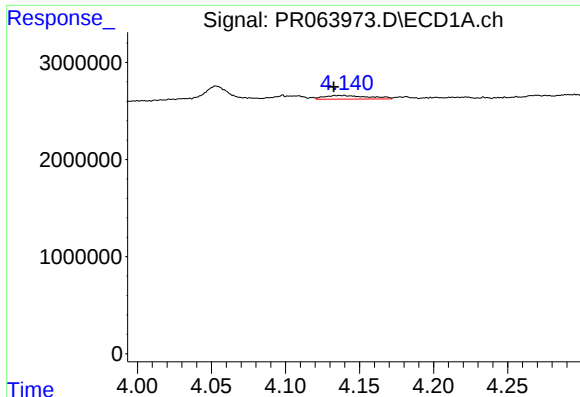
#10 AR-1221-3

R.T.: 4.138 min
Delta R.T.: 0.005 min
Response: 798309
Conc: 4.75 ng/ml



#10 AR-1221-3

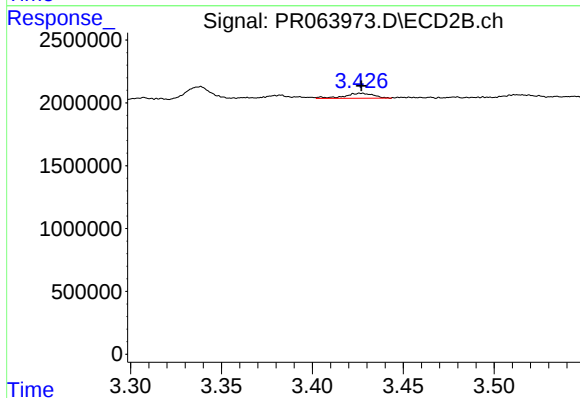
R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 451865
Conc: 4.07 ng/ml



#11 AR-1232-1

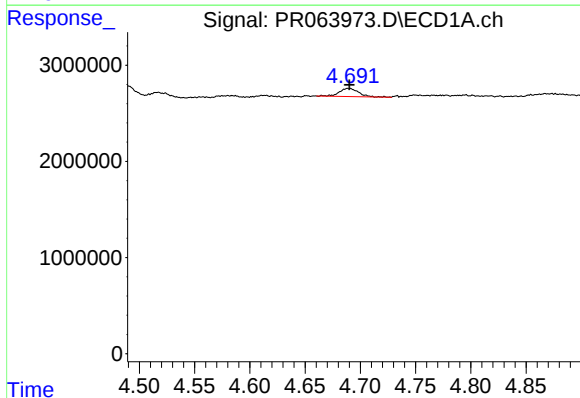
R.T.: 4.138 min
Delta R.T.: 0.006 min
Response: 798309
Conc: 6.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



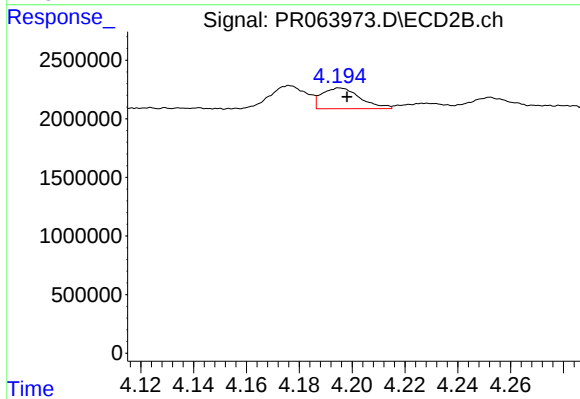
#11 AR-1232-1

R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 451865
Conc: 5.31 ng/ml



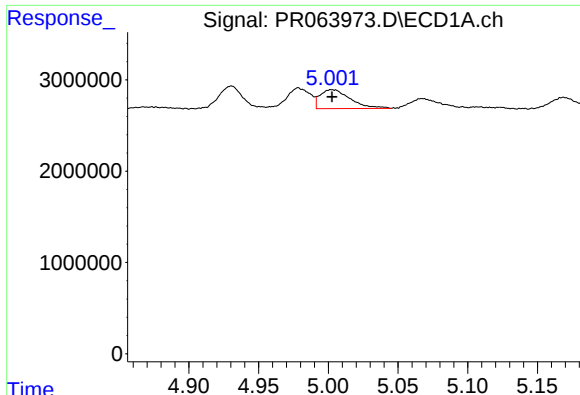
#12 AR-1232-2

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 1014814
Conc: 13.85 ng/ml



#12 AR-1232-2

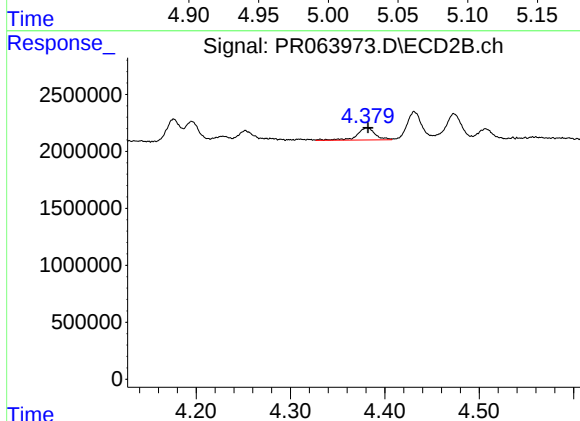
R.T.: 4.196 min
Delta R.T.: -0.003 min
Response: 1792106
Conc: 20.56 ng/ml



#13 AR-1232-3

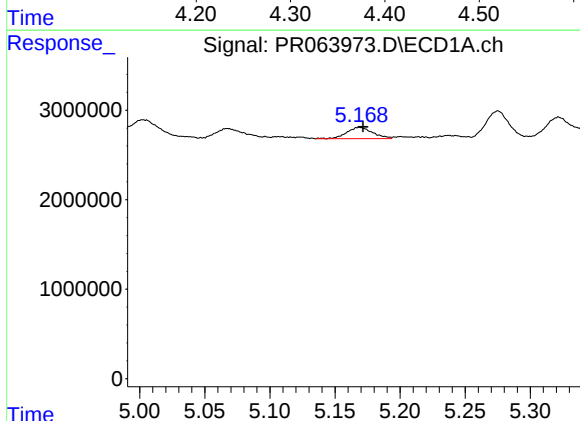
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 3130150
Conc: 22.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



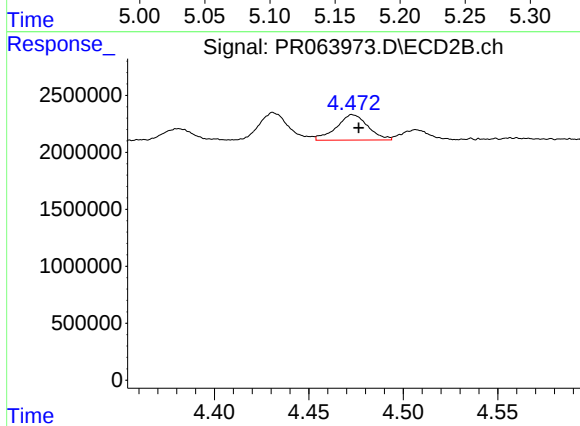
#13 AR-1232-3

R.T.: 4.381 min
Delta R.T.: -0.001 min
Response: 1451451
Conc: 30.12 ng/ml



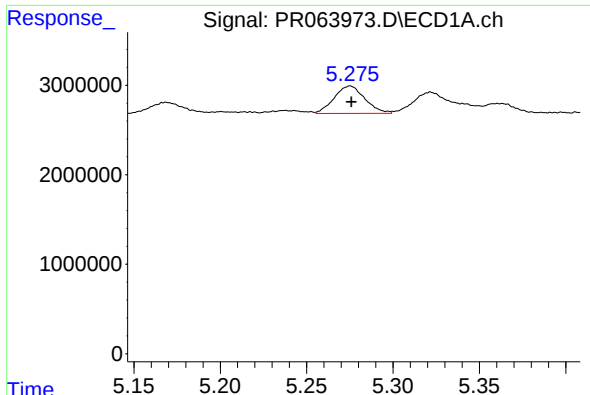
#14 AR-1232-4

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 1763092
Conc: 25.12 ng/ml



#14 AR-1232-4

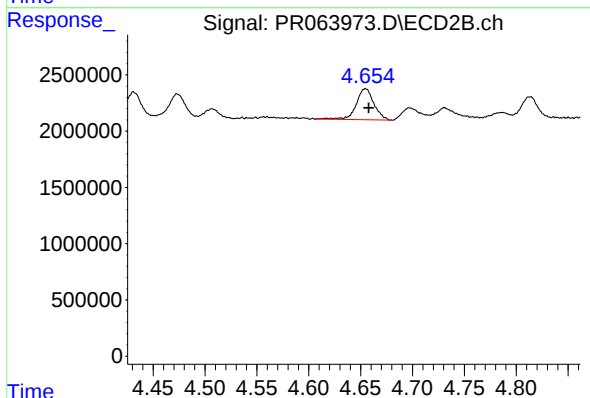
R.T.: 4.473 min
Delta R.T.: -0.003 min
Response: 2604778
Conc: 62.38 ng/ml



#15 AR-1232-5

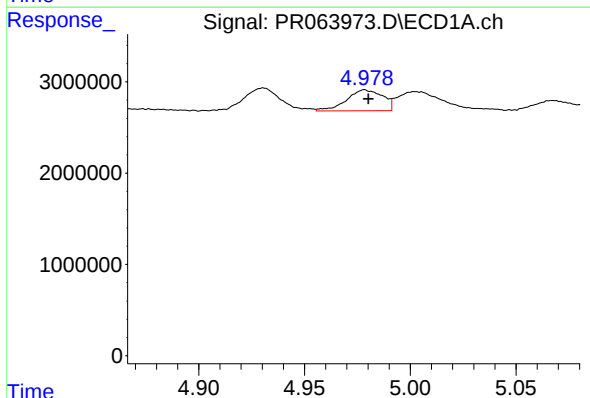
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 3776089
Conc: 73.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



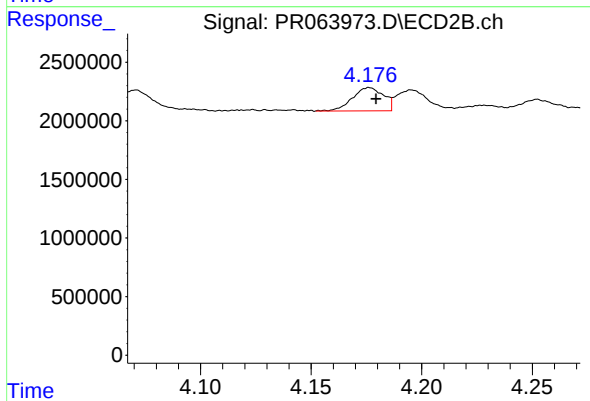
#15 AR-1232-5

R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 3247995
Conc: 67.95 ng/ml



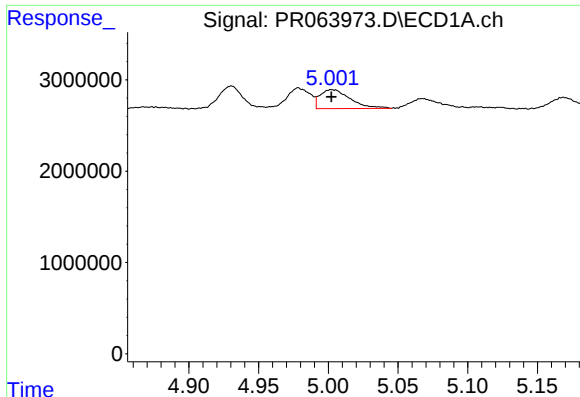
#16 AR-1242-1

R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 2721113
Conc: 17.35 ng/ml



#16 AR-1242-1

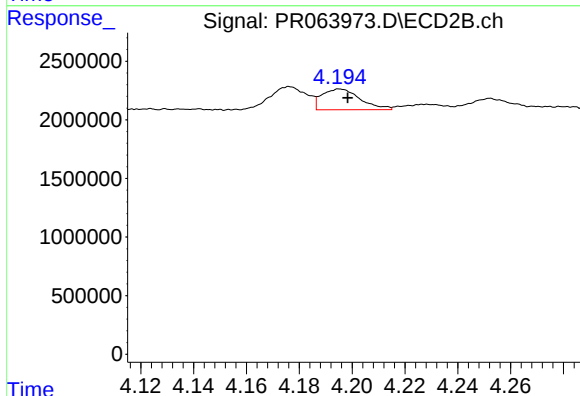
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 1946328
Conc: 18.07 ng/ml



#17 AR-1242-2

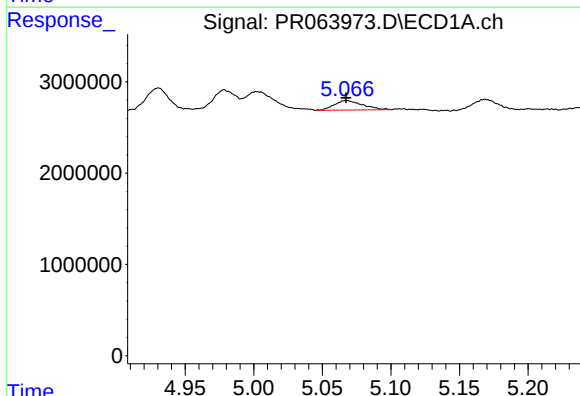
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 3130150
Conc: 13.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



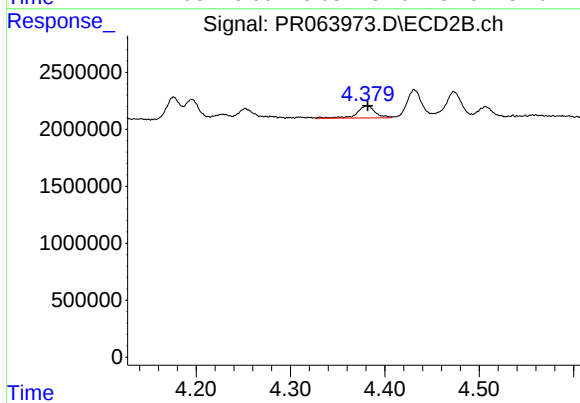
#17 AR-1242-2

R.T.: 4.196 min
Delta R.T.: -0.003 min
Response: 1792106
Conc: 12.19 ng/ml



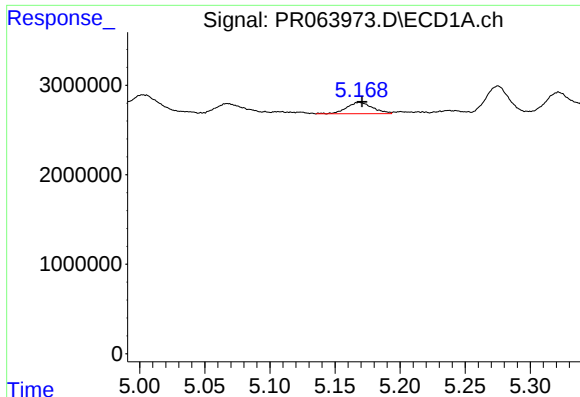
#18 AR-1242-3

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 1470293
Conc: 9.74 ng/ml



#18 AR-1242-3

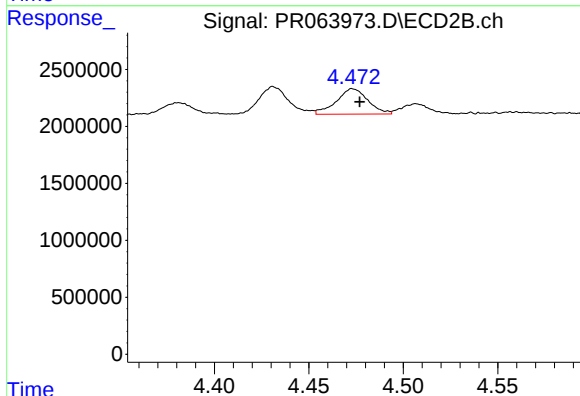
R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 1451451
Conc: 17.78 ng/ml



#19 AR-1242-4

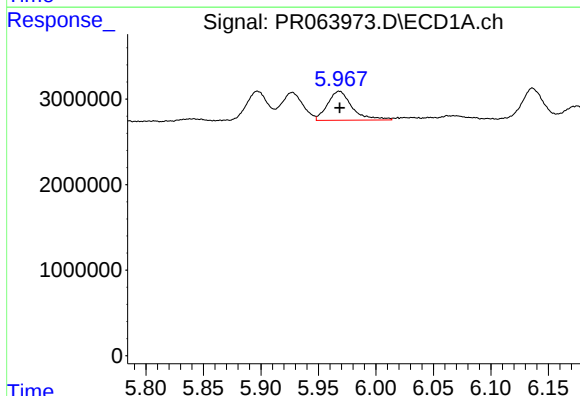
R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 1763092
Conc: 14.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



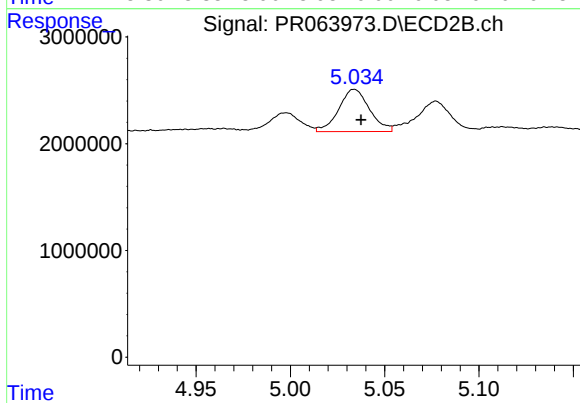
#19 AR-1242-4

R.T.: 4.473 min
Delta R.T.: -0.004 min
Response: 2604778
Conc: 32.32 ng/ml



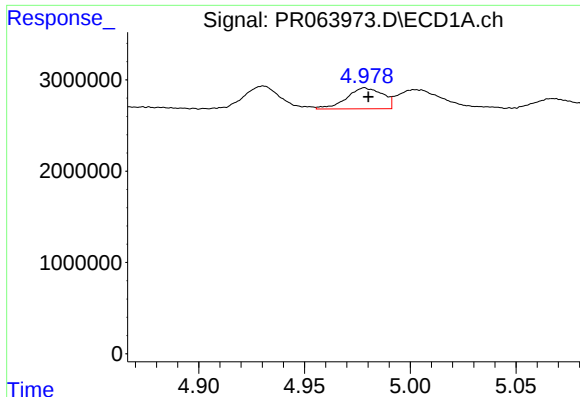
#20 AR-1242-5

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 5045589
Conc: 40.80 ng/ml



#20 AR-1242-5

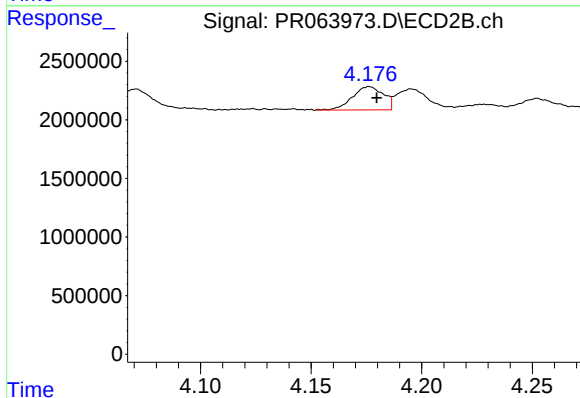
R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 4503084
Conc: 43.43 ng/ml



#21 AR-1248-1

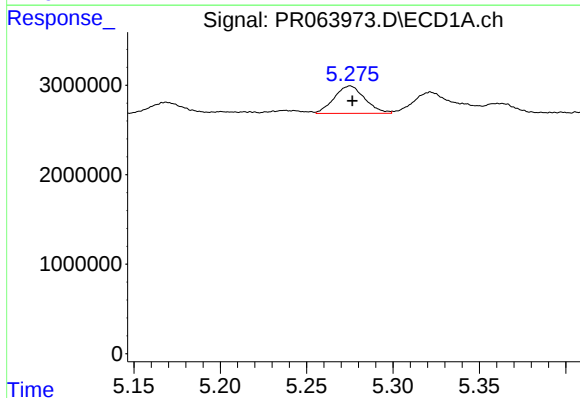
R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 2721113
Conc: 22.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



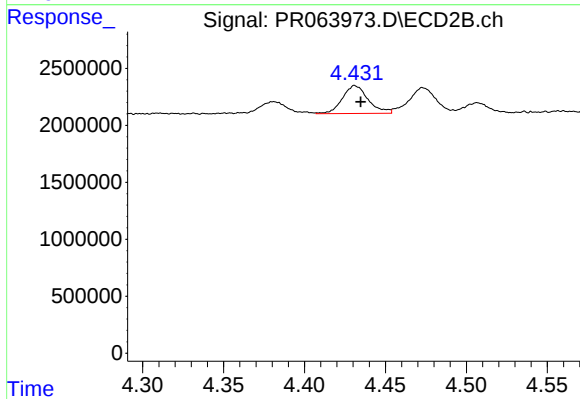
#21 AR-1248-1

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 1946328
Conc: 23.12 ng/ml



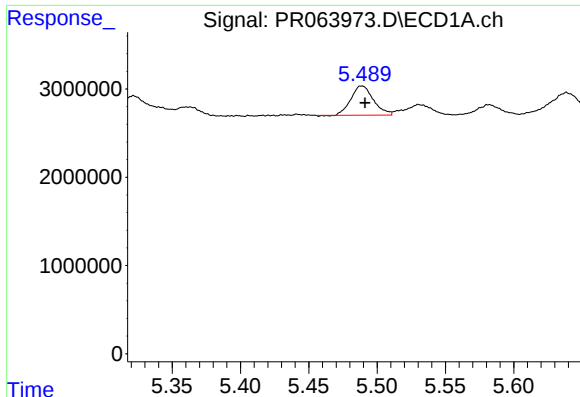
#22 AR-1248-2

R.T.: 5.275 min
Delta R.T.: -0.001 min
Response: 3776089
Conc: 22.16 ng/ml



#22 AR-1248-2

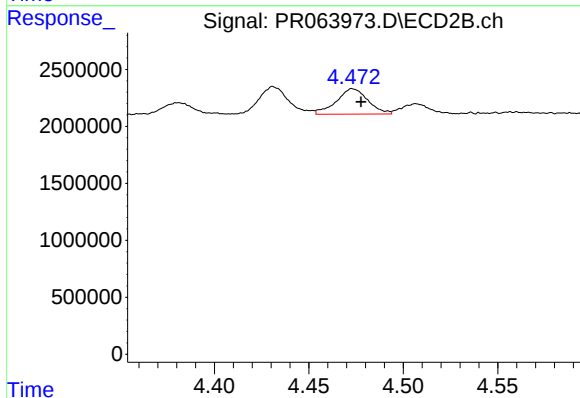
R.T.: 4.431 min
Delta R.T.: -0.003 min
Response: 2724255
Conc: 23.53 ng/ml



#23 AR-1248-3

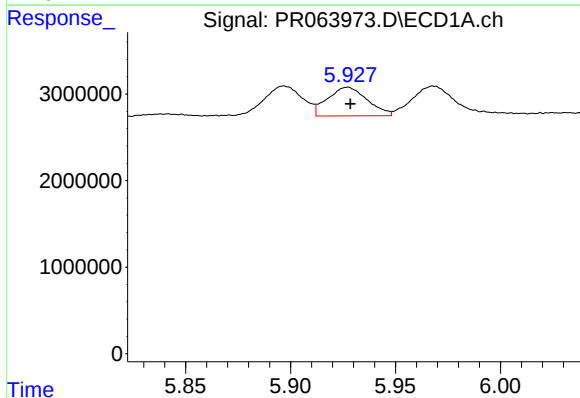
R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 3787452
Conc: 19.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



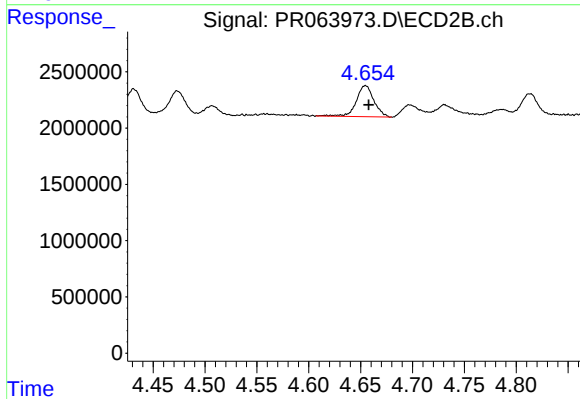
#23 AR-1248-3

R.T.: 4.473 min
Delta R.T.: -0.004 min
Response: 2604778
Conc: 22.01 ng/ml



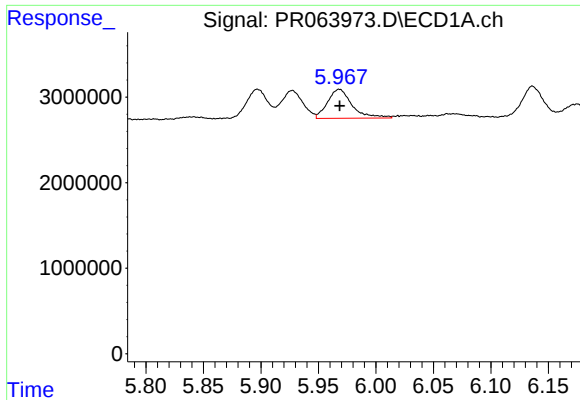
#24 AR-1248-4

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 4331800
Conc: 20.44 ng/ml



#24 AR-1248-4

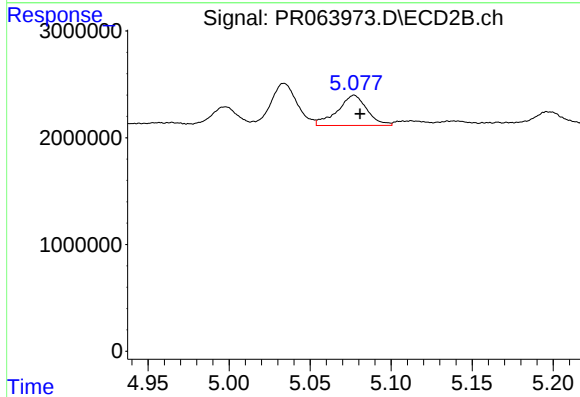
R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 3247995
Conc: 22.87 ng/ml



#25 AR-1248-5

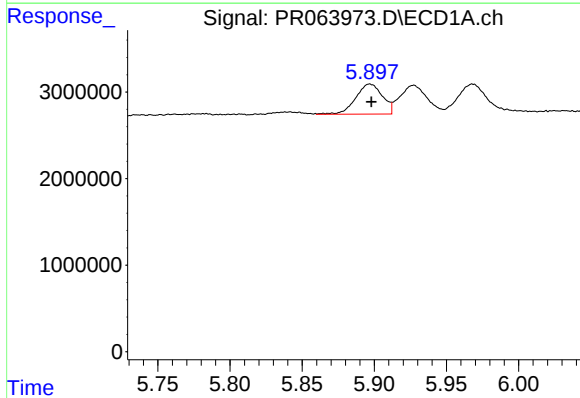
R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 5045589
Conc: 22.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



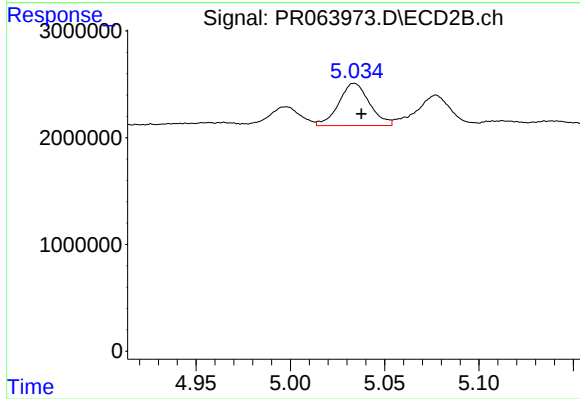
#25 AR-1248-5

R.T.: 5.077 min
Delta R.T.: -0.004 min
Response: 3590217
Conc: 25.80 ng/ml



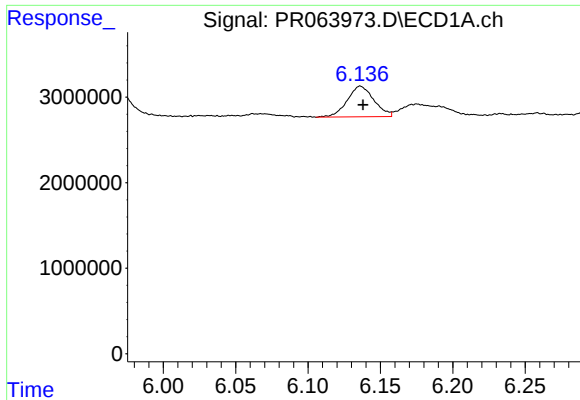
#26 AR-1254-1

R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 4497232
Conc: 20.54 ng/ml



#26 AR-1254-1

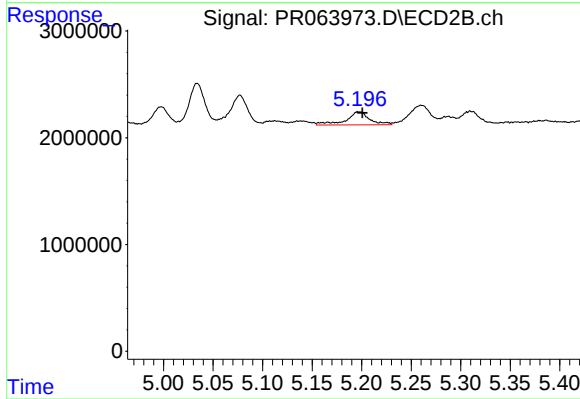
R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 4503084
Conc: 22.07 ng/ml



#27 AR-1254-2

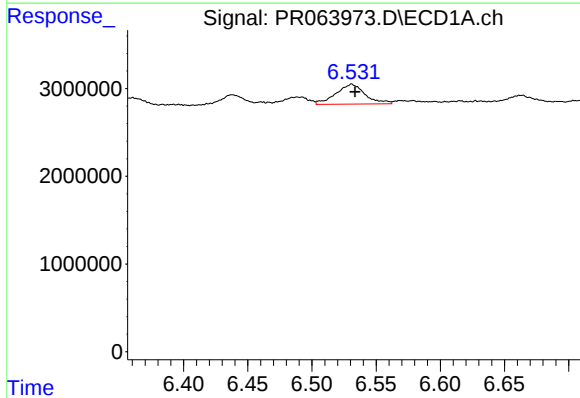
R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 4587749
Conc: 13.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



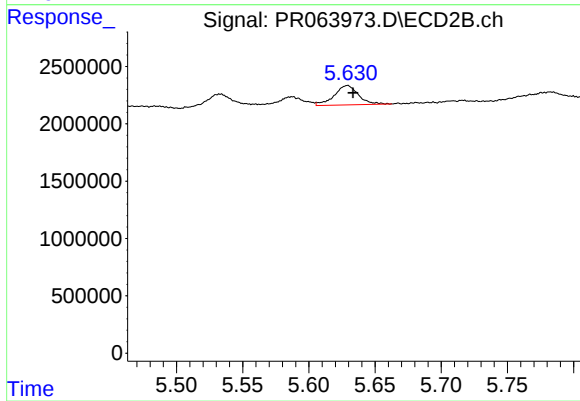
#27 AR-1254-2

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 2046602
Conc: 11.13 ng/ml



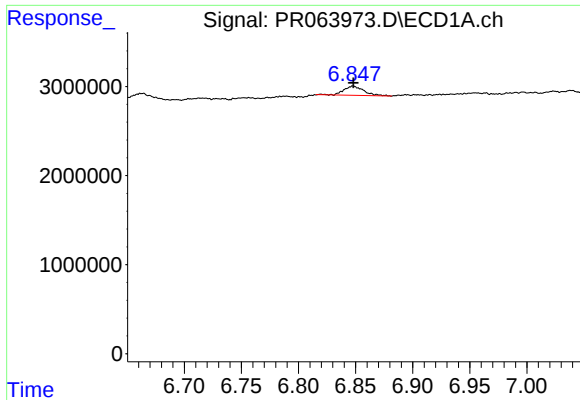
#28 AR-1254-3

R.T.: 6.531 min
Delta R.T.: -0.003 min
Response: 3578439
Conc: 10.60 ng/ml



#28 AR-1254-3

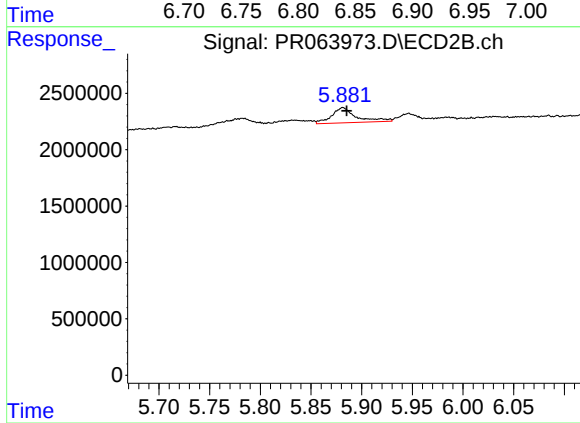
R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 2158735
Conc: 7.44 ng/ml



#29 AR-1254-4

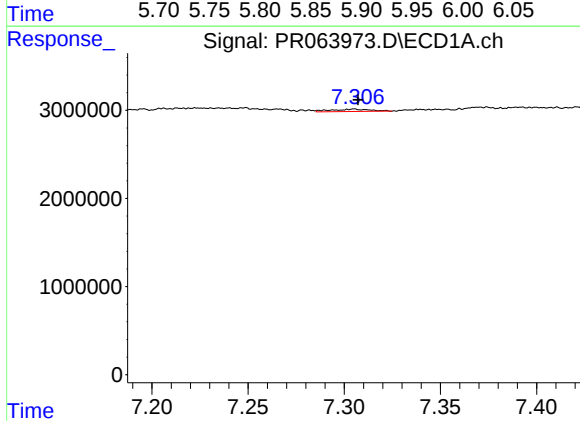
R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 1277524
Conc: 5.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



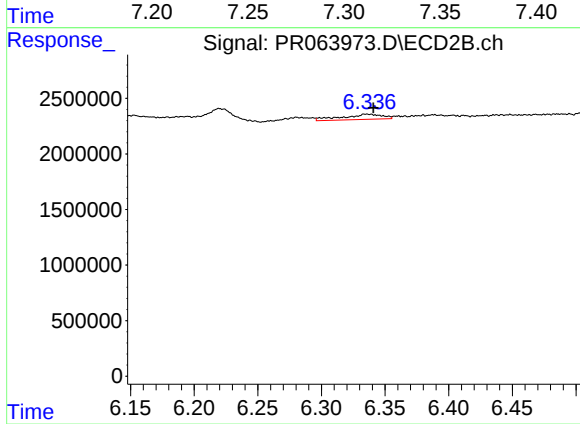
#29 AR-1254-4

R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 2286102
Conc: 12.69 ng/ml



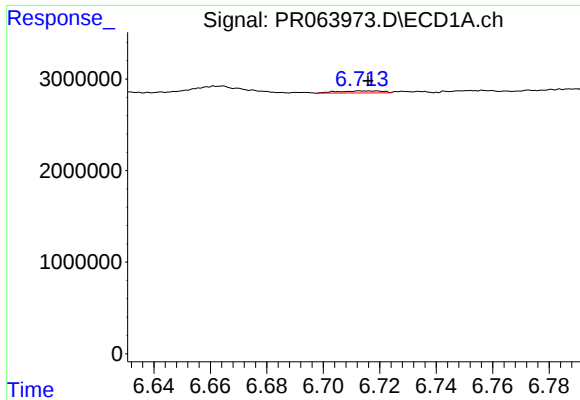
#30 AR-1254-5

R.T.: 7.305 min
Delta R.T.: -0.002 min
Response: 377952
Conc: 1.39 ng/ml



#30 AR-1254-5

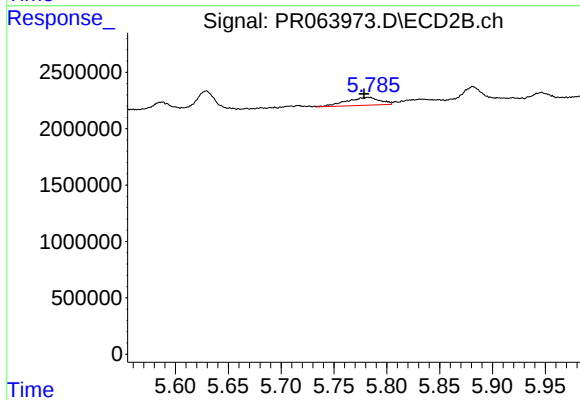
R.T.: 6.335 min
Delta R.T.: -0.006 min
Response: 1027183
Conc: 3.83 ng/ml



#31 AR-1260-1

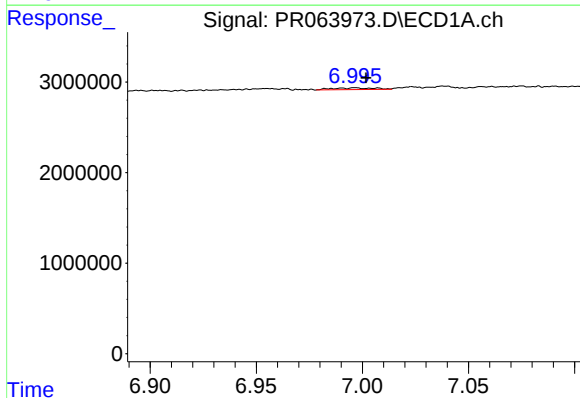
R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 242862
Conc: 0.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



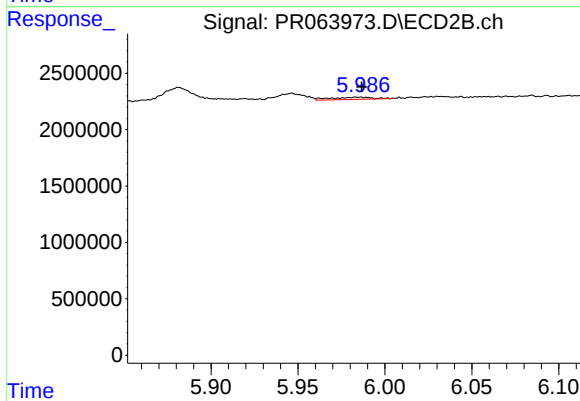
#31 AR-1260-1

R.T.: 5.783 min
Delta R.T.: 0.004 min
Response: 1534360
Conc: 7.16 ng/ml



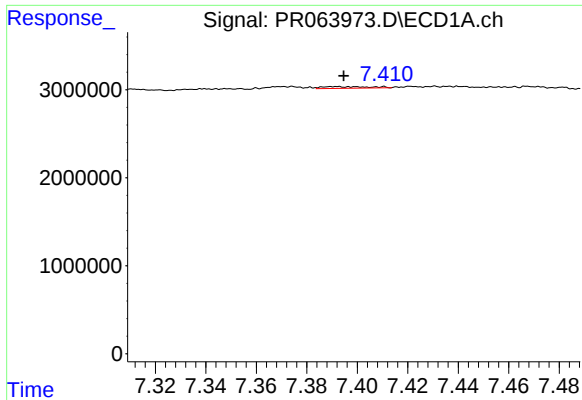
#32 AR-1260-2

R.T.: 6.997 min
Delta R.T.: -0.005 min
Response: 260747
Conc: 0.81 ng/ml



#32 AR-1260-2

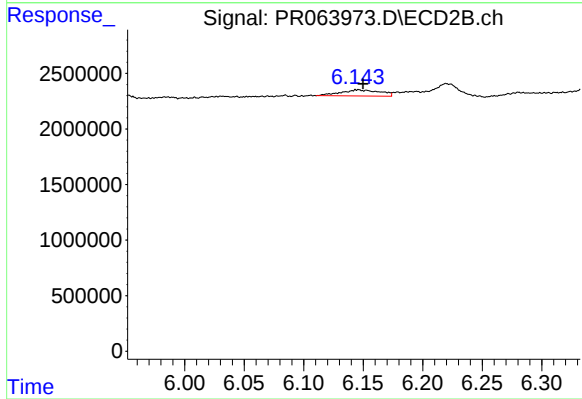
R.T.: 5.984 min
Delta R.T.: -0.002 min
Response: 326993
Conc: 1.28 ng/ml



#33 AR-1260-3

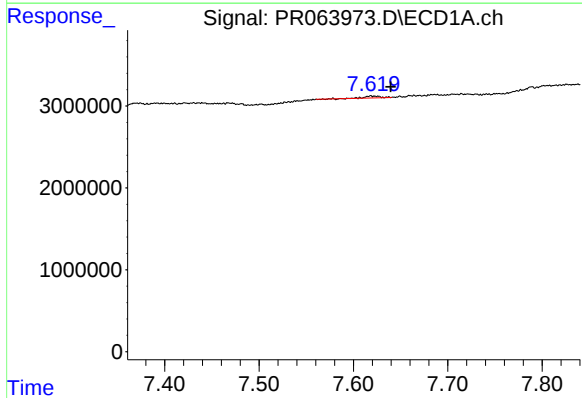
R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 250033
Conc: 1.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



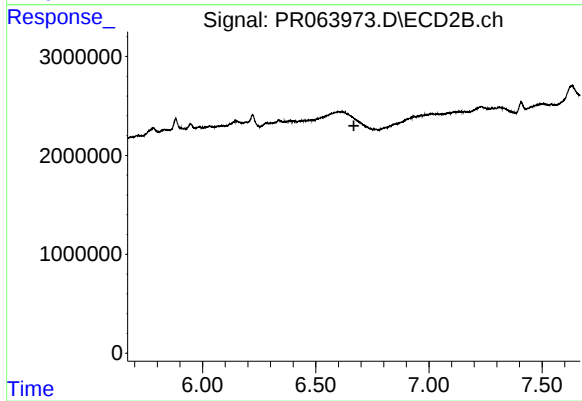
#33 AR-1260-3

R.T.: 6.145 min
Delta R.T.: -0.004 min
Response: 1272196
Conc: 5.05 ng/ml



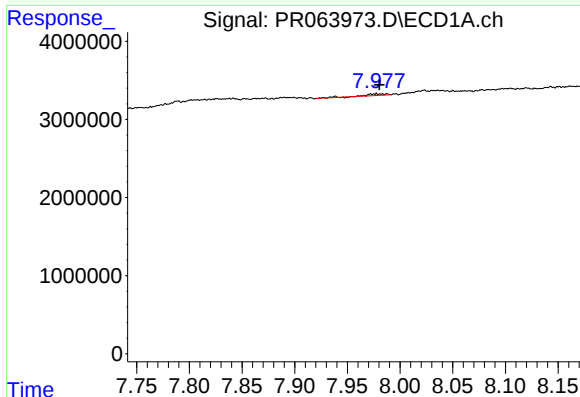
#34 AR-1260-4

R.T.: 7.619 min
Delta R.T.: -0.020 min
Response: 237629
Conc: 0.98 ng/ml



#34 AR-1260-4

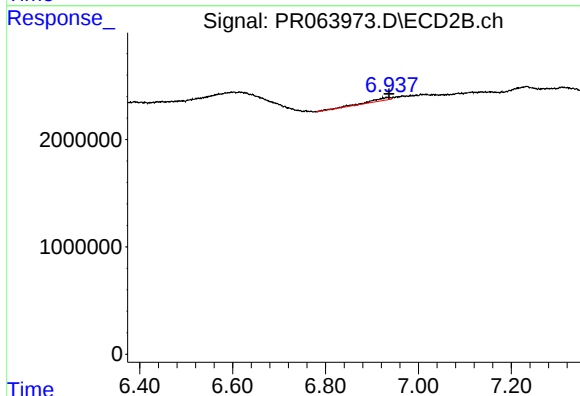
R.T.: 0.000 min
Exp R.T.: 6.668 min
Response: 0
Conc: N.D.



#35 AR-1260-5

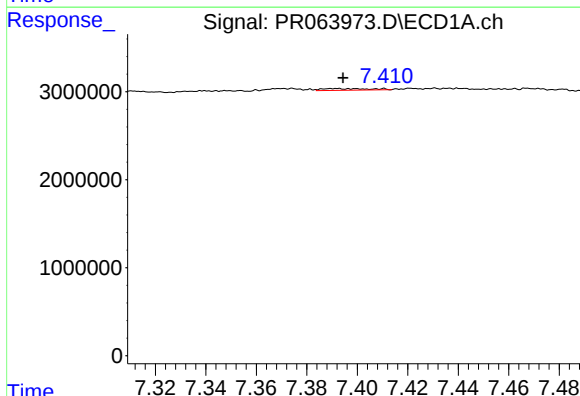
R.T.: 7.978 min
Delta R.T.: -0.003 min
Response: 294085
Conc: 0.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



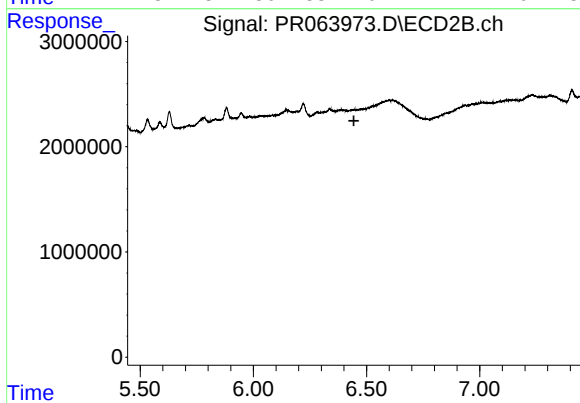
#35 AR-1260-5

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 798951
Conc: 2.17 ng/ml



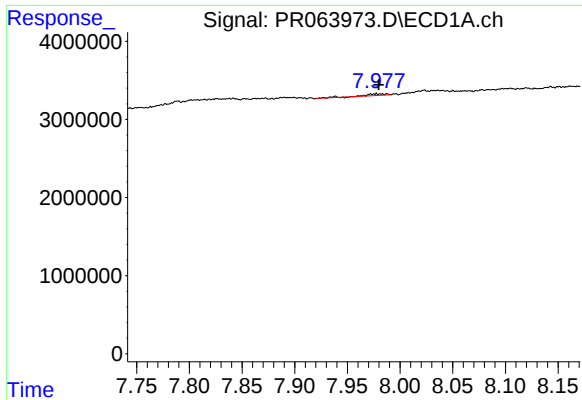
#36 AR-1262-1

R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 250033
Conc: 0.77 ng/ml



#36 AR-1262-1

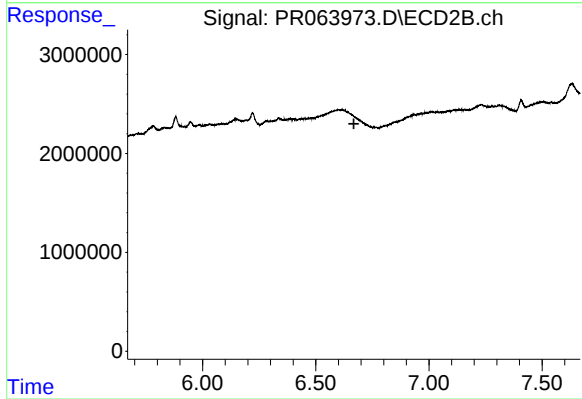
R.T.: 0.000 min
Exp R.T.: 6.444 min
Response: 0
Conc: N.D.



#37 AR-1262-2

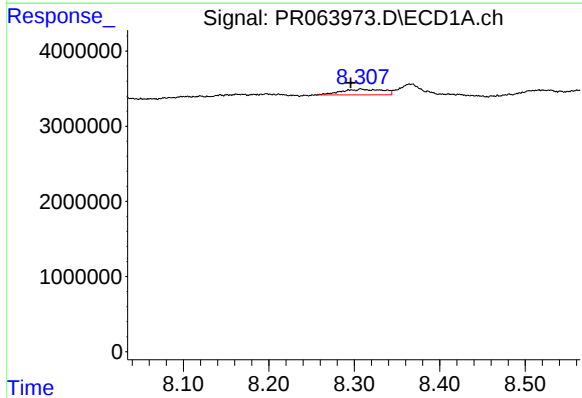
R.T.: 7.978 min
Delta R.T.: -0.002 min
Response: 294085
Conc: 0.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



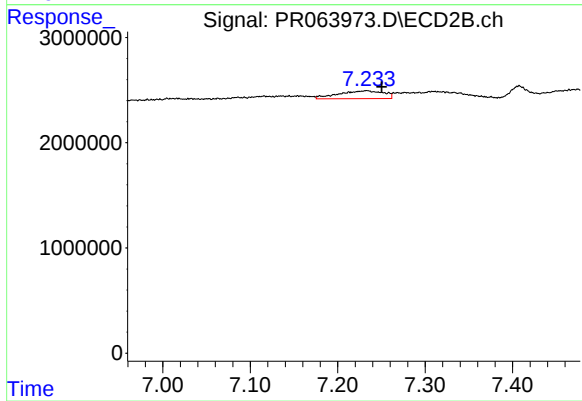
#37 AR-1262-2

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



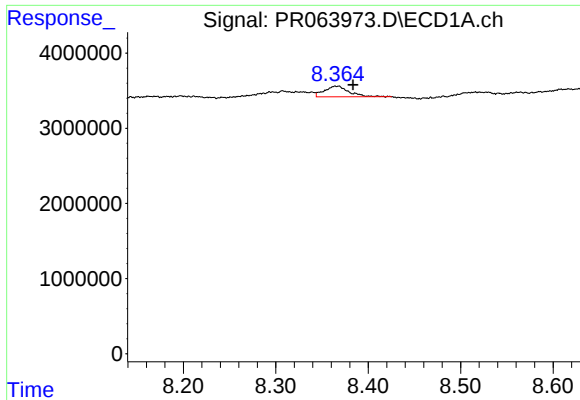
#38 AR-1262-3

R.T.: 8.309 min
Delta R.T.: 0.013 min
Response: 2558074
Conc: 6.83 ng/ml



#38 AR-1262-3

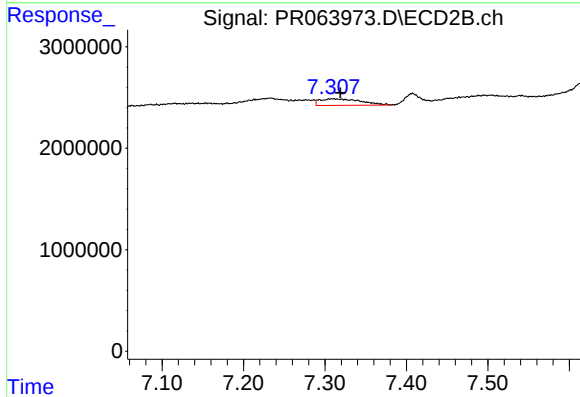
R.T.: 7.233 min
Delta R.T.: -0.017 min
Response: 2687547
Conc: 15.63 ng/ml



#39 AR-1262-4

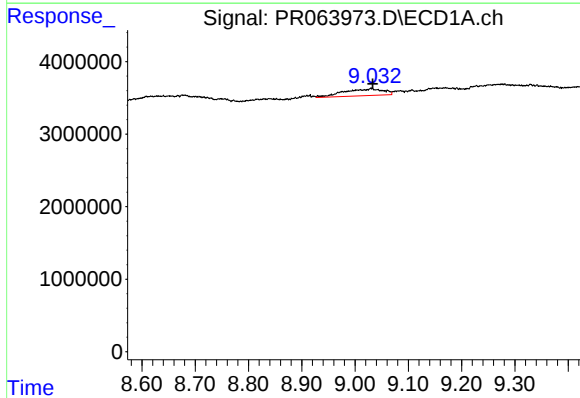
R.T.: 8.366 min
Delta R.T.: -0.018 min
Response: 2631656
Conc: 9.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



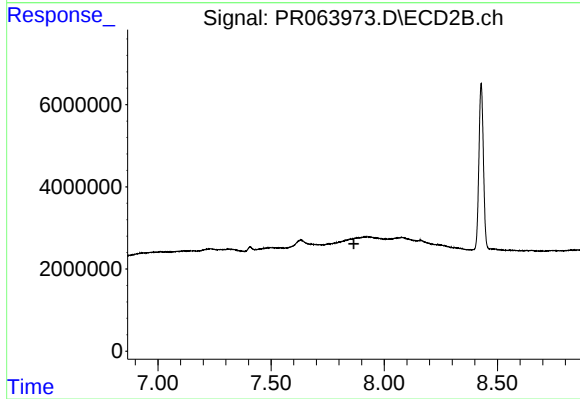
#39 AR-1262-4

R.T.: 7.310 min
Delta R.T.: -0.009 min
Response: 2206035
Conc: 6.89 ng/ml



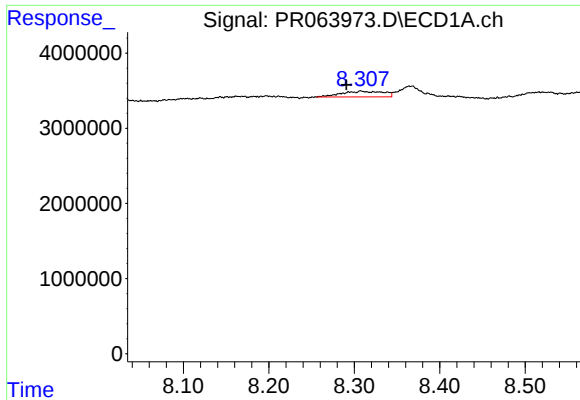
#40 AR-1262-5

R.T.: 9.031 min
Delta R.T.: -0.002 min
Response: 4879679
Conc: 23.76 ng/ml



#40 AR-1262-5

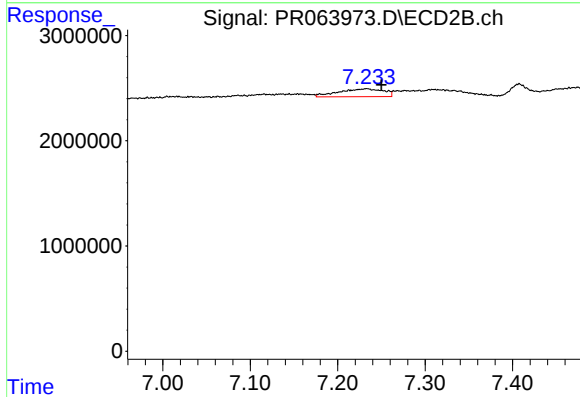
R.T.: 0.000 min
Exp R.T. : 7.866 min
Response: 0
Conc: N.D.



#41 AR-1268-1

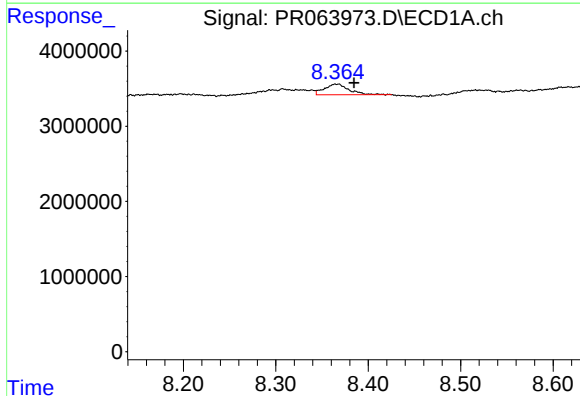
R.T.: 8.309 min
Delta R.T.: 0.018 min
Response: 2558074
Conc: 3.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



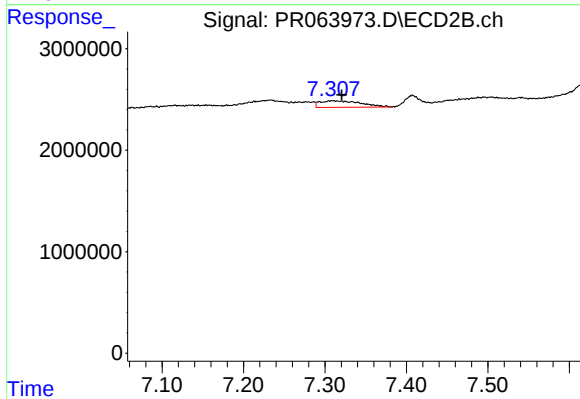
#41 AR-1268-1

R.T.: 7.233 min
Delta R.T.: -0.017 min
Response: 2687547
Conc: 5.55 ng/ml



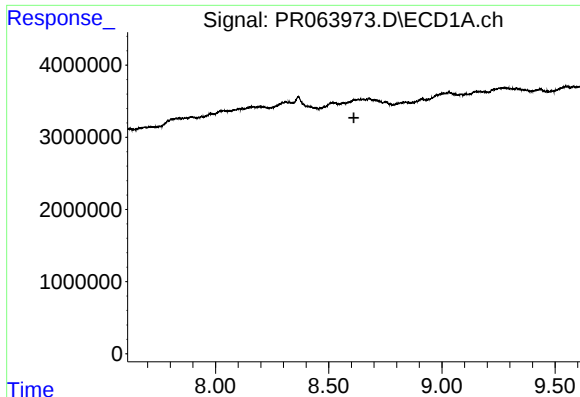
#42 AR-1268-2

R.T.: 8.366 min
Delta R.T.: -0.019 min
Response: 2631656
Conc: 4.55 ng/ml



#42 AR-1268-2

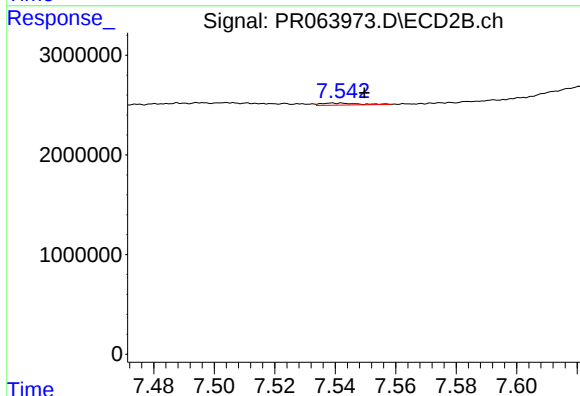
R.T.: 7.310 min
Delta R.T.: -0.011 min
Response: 2206035
Conc: 4.96 ng/ml



#43 AR-1268-3

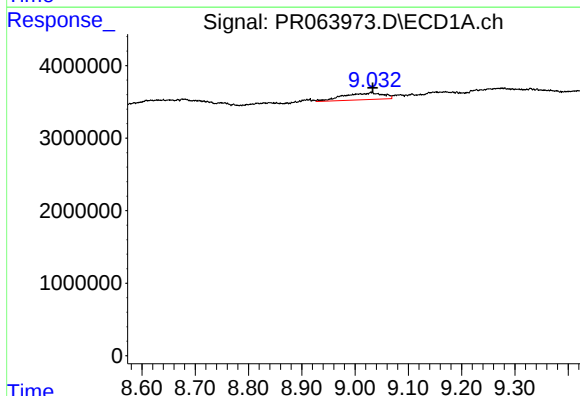
R.T.: 0.000 min
Exp R.T.: 8.611 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



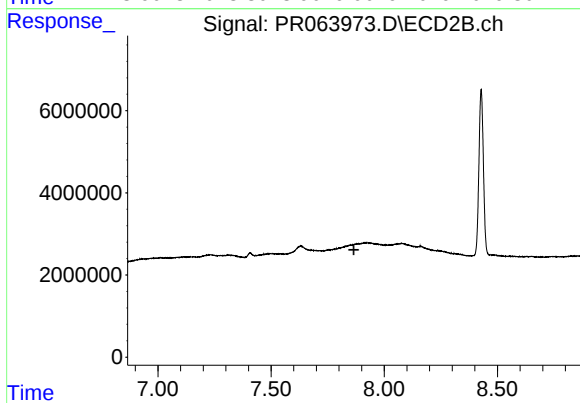
#43 AR-1268-3

R.T.: 7.541 min
Delta R.T.: -0.009 min
Response: 184613
Conc: 0.49 ng/ml



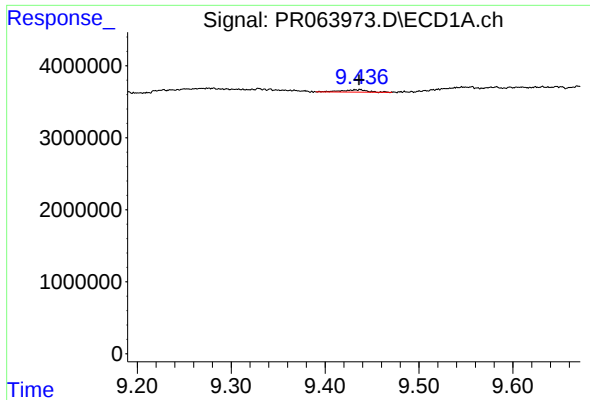
#44 AR-1268-4

R.T.: 9.031 min
Delta R.T.: -0.002 min
Response: 4879679
Conc: 22.22 ng/ml



#44 AR-1268-4

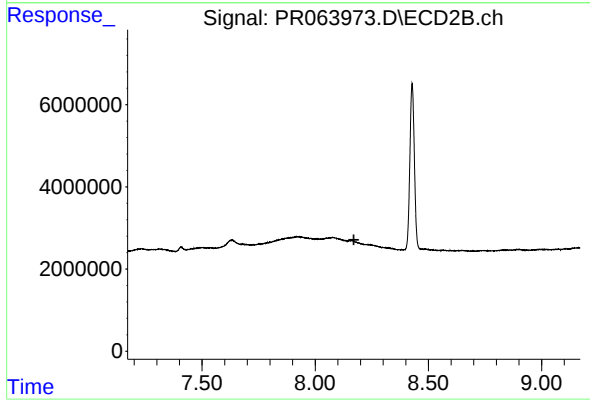
R.T.: 0.000 min
Exp R.T.: 7.866 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.436 min
Delta R.T.: 0.000 min
Response: 617828
Conc: 0.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

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