

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
 Data File : PR063941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 05:44
 Operator : AJ\MA
 Sample : 04699-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 07:04:23 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	132.2E6	83870920	20.951	21.456
2)	SA Decachlor...	9.757	8.427	104.1E6	65488424	22.057	21.482
Target Compounds							
3)	L1 AR-1016-1	4.975	4.176	895645	573183	4.276	4.027
4)	L1 AR-1016-2	5.001	4.195	1192294	876959	3.831	4.488
5)	L1 AR-1016-3	5.070	4.383	1454107	875133	7.591	7.899
6)	L1 AR-1016-4	5.171	4.457f	407781	1208489	2.718	13.787 #
7)	L1 AR-1016-5	5.487	4.655	211452	958620	1.426	8.694 #
8)	L2 AR-1221-1	3.962	3.258	3122473	2092985	42.170	43.366
9)	L2 AR-1221-2	4.053	3.342	3388273	2626297	64.363	70.918
10)	L2 AR-1221-3	4.132	3.425	7329089	5053257	43.571	45.554
11)	L3 AR-1232-1	4.132	3.425	7329089	5053257	57.574	59.339
12)	L3 AR-1232-2	4.688	4.195	489304	876959	6.680	10.060 #
13)	L3 AR-1232-3	5.001	4.383	1192294	875133	8.586	18.161 #
14)	L3 AR-1232-4	5.171	4.457f	407781	1208489	5.810	28.943 #
15)	L3 AR-1232-5	5.271	4.655	155673	958620	3.039	20.056 #
16)	L4 AR-1242-1	4.975	4.176	895645	573183	5.710	5.322
17)	L4 AR-1242-2	5.001	4.195	1192294	876959	5.031	5.965
18)	L4 AR-1242-3	5.070	4.383	1454107	875133	9.629	10.718
19)	L4 AR-1242-4	5.171	4.457f	407781	1208489	3.375	14.994 #
20)	L4 AR-1242-5	5.972	5.034	308801	762529	2.497	7.354 #
21)	L5 AR-1248-1	4.975	4.176	895645	573183	7.397	6.809
22)	L5 AR-1248-2	5.271	4.457f	155673	1208489	0.913	10.439 #
23)	L5 AR-1248-3	5.487	4.457f	211452	1208489	1.064	10.209 #
24)	L5 AR-1248-4	5.954f	4.655	340123	958620	1.605	6.750 #
25)	L5 AR-1248-5	5.972	5.060f	308801	1508904	1.404	10.845 #
26)	L6 AR-1254-1	5.898	5.034	1171447	762529	5.350	3.738 #
27)	L6 AR-1254-2	6.144	5.211	374571	1056710	1.117	5.745 #
28)	L6 AR-1254-3	6.519	5.645	2000534	97532	5.929	0.336 #
29)	L6 AR-1254-4	6.871f	5.889	-587252	1413875	N.D.	7.845 #
30)	L6 AR-1254-5	0.000	6.345	0	234811	N.D.	0.876 #
31)	L7 AR-1260-1	0.000	5.766	0	933672	N.D.	4.358 #
32)	L7 AR-1260-2	7.026f	5.980	1512929	66607	4.718	0.260 #
33)	L7 AR-1260-3	0.000	6.155	0	1408481	N.D.	5.588 #
34)	L7 AR-1260-4	7.654	0.000	457130	0	1.882	N.D. #
38)	L8 AR-1262-3	8.285	7.232f	2185551	3868448	5.832	22.494 #
39)	L8 AR-1262-4	8.365f	7.309	965434	3698439	3.408	11.558 #
40)	L8 AR-1262-5	9.028	7.860	2858263	213149	13.919	1.522 #
41)	L9 AR-1268-1	8.285	7.232f	2185551	3868448	3.381	7.991 #
42)	L9 AR-1268-2	8.365f	7.309	965434	3698439	1.670	8.317 #
43)	L9 AR-1268-3	8.620	0.000	4768155	0	9.147	N.D. #
44)	L9 AR-1268-4	9.028	7.860	2858263	213149	13.014	1.416 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 07:04:23 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
45) L9	AR-1268-5	9.433	8.160	364646	707684	0.220	0.639 #

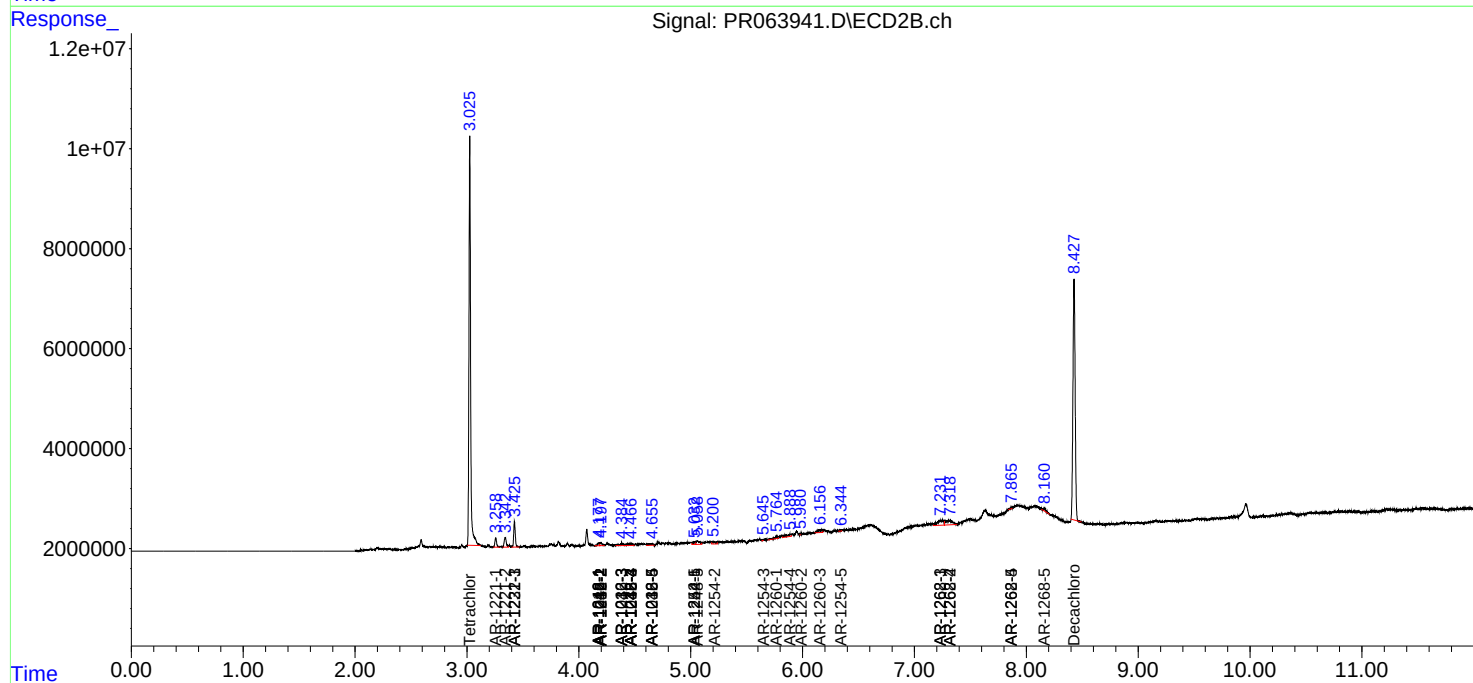
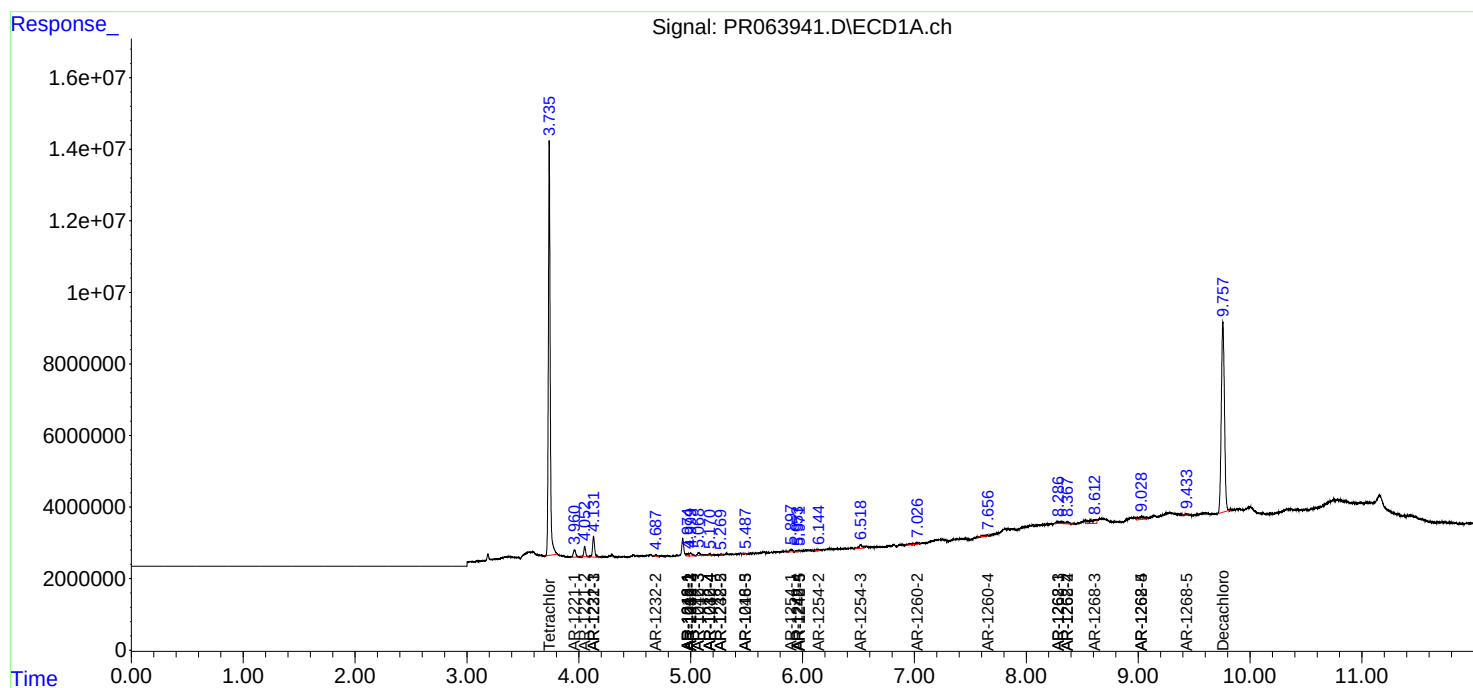
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

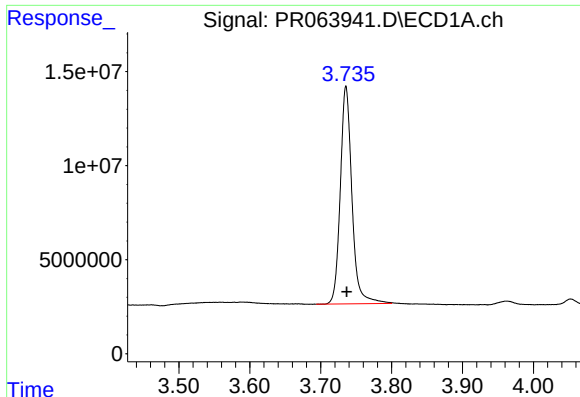
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
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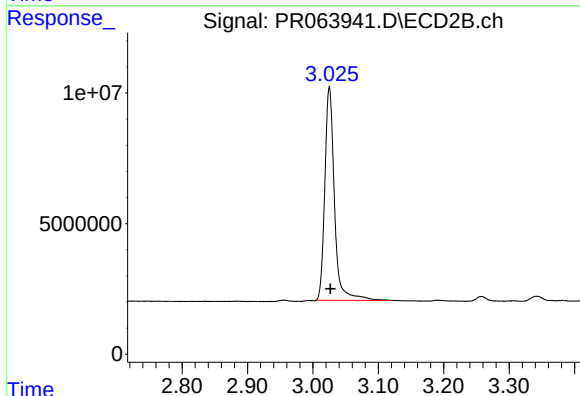




#1 Tetrachloro-m-xylene

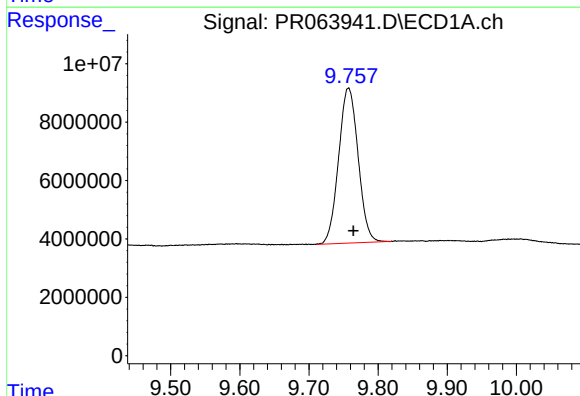
R.T.: 3.736 min
Delta R.T.: -0.001 min
Response: 132212798
Conc: 20.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



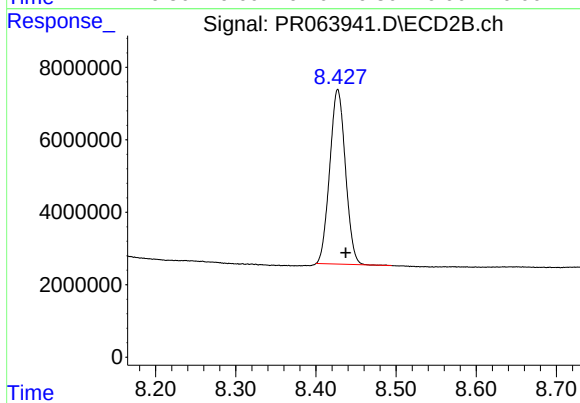
#1 Tetrachloro-m-xylene

R.T.: 3.025 min
Delta R.T.: -0.002 min
Response: 83870920
Conc: 21.46 ng/ml



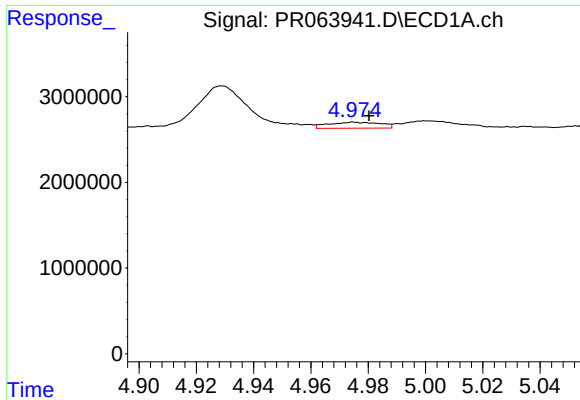
#2 Decachlorobiphenyl

R.T.: 9.757 min
Delta R.T.: -0.007 min
Response: 104084154
Conc: 22.06 ng/ml



#2 Decachlorobiphenyl

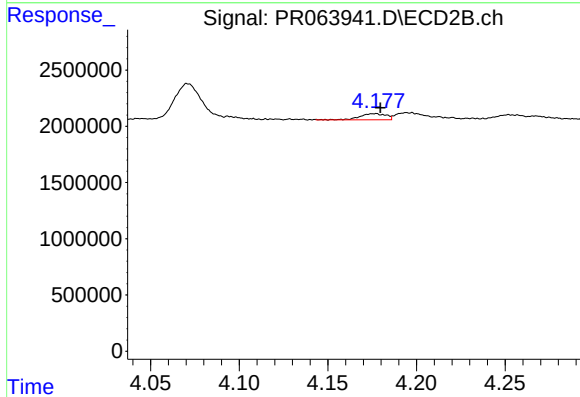
R.T.: 8.427 min
Delta R.T.: -0.010 min
Response: 65488424
Conc: 21.48 ng/ml



#3 AR-1016-1

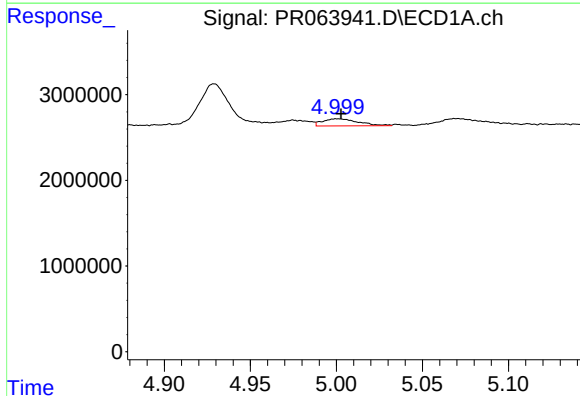
R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 895645
Conc: 4.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



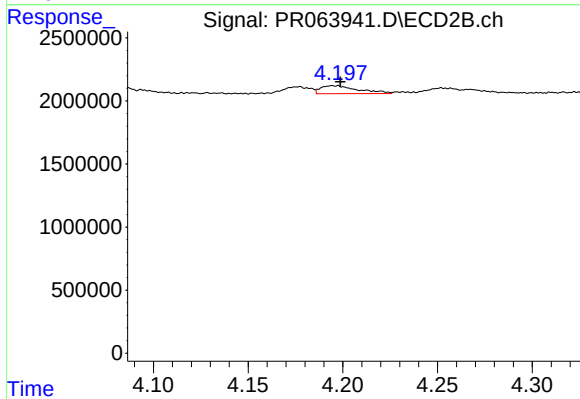
#3 AR-1016-1

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 573183
Conc: 4.03 ng/ml



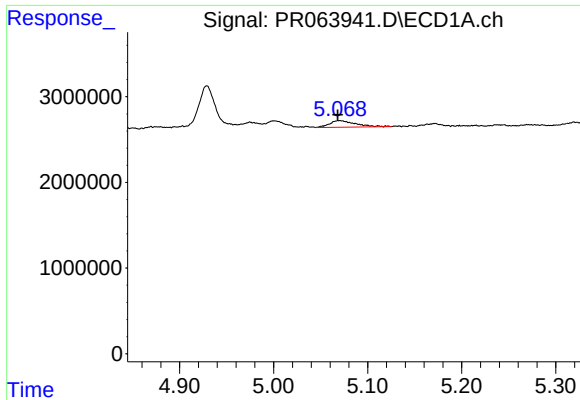
#4 AR-1016-2

R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 1192294
Conc: 3.83 ng/ml



#4 AR-1016-2

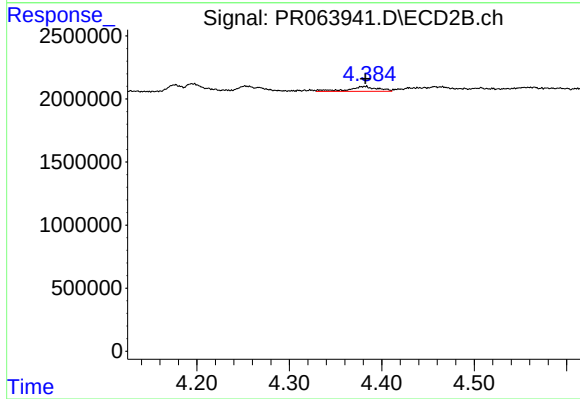
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 876959
Conc: 4.49 ng/ml



#5 AR-1016-3

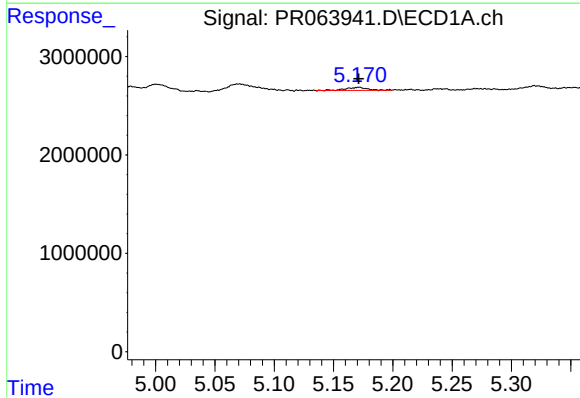
R.T.: 5.070 min
Delta R.T.: 0.002 min
Response: 1454107
Conc: 7.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



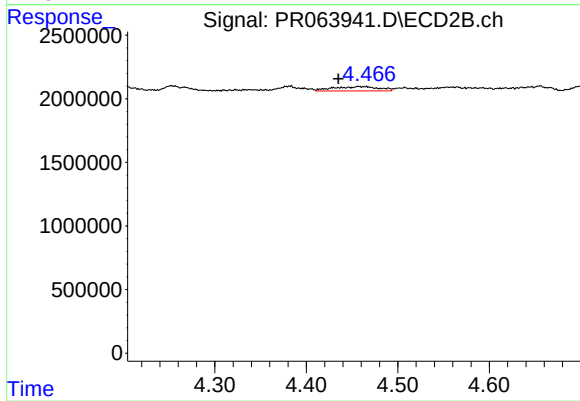
#5 AR-1016-3

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 875133
Conc: 7.90 ng/ml



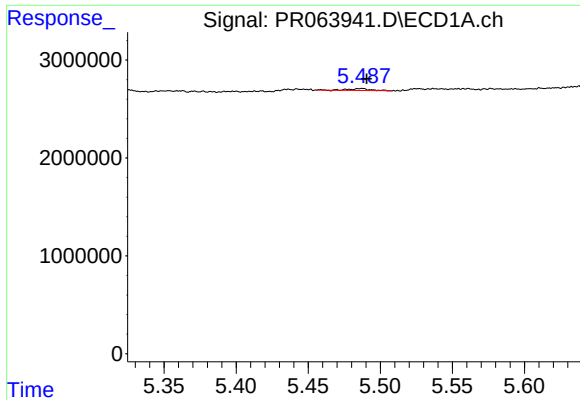
#6 AR-1016-4

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 407781
Conc: 2.72 ng/ml



#6 AR-1016-4

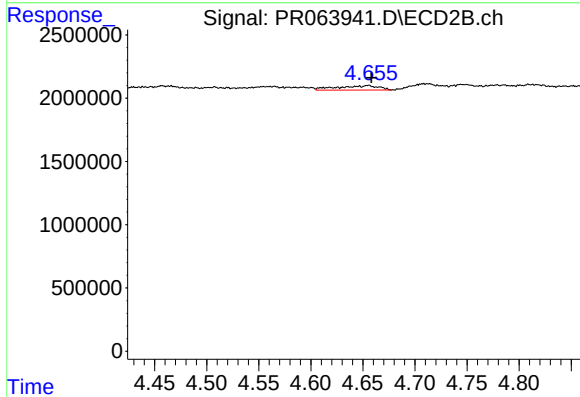
R.T.: 4.457 min
Delta R.T.: 0.022 min
Response: 1208489
Conc: 13.79 ng/ml



#7 AR-1016-5

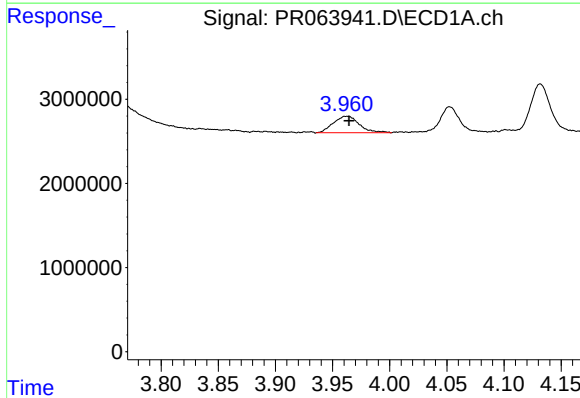
R.T.: 5.487 min
Delta R.T.: -0.004 min
Response: 211452
Conc: 1.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



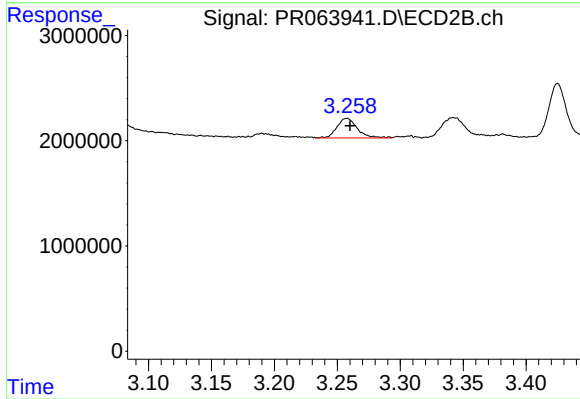
#7 AR-1016-5

R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 958620
Conc: 8.69 ng/ml



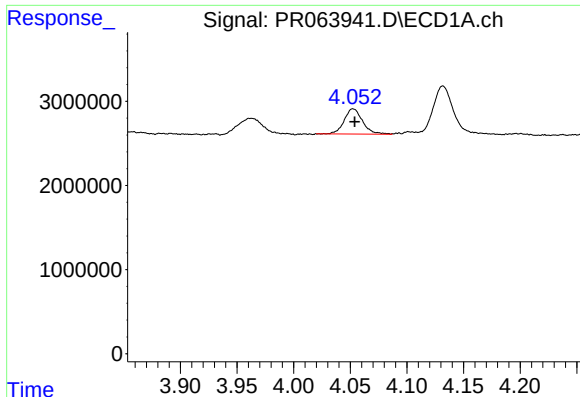
#8 AR-1221-1

R.T.: 3.962 min
Delta R.T.: -0.002 min
Response: 3122473
Conc: 42.17 ng/ml



#8 AR-1221-1

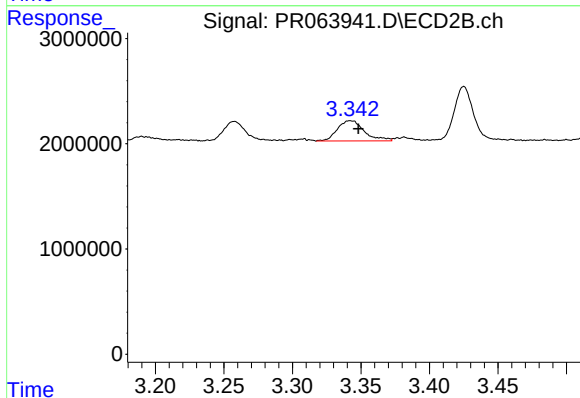
R.T.: 3.258 min
Delta R.T.: -0.003 min
Response: 2092985
Conc: 43.37 ng/ml



#9 AR-1221-2

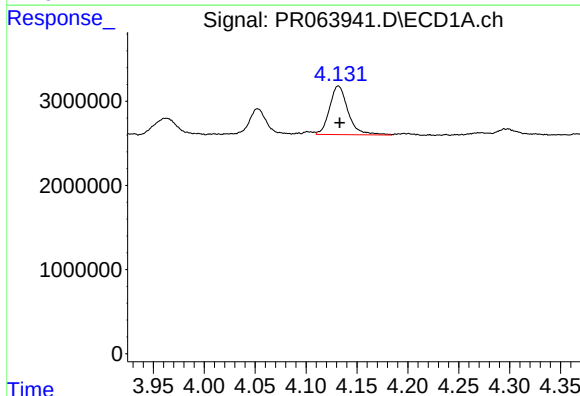
R.T.: 4.053 min
Delta R.T.: -0.001 min
Response: 3388273
Conc: 64.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



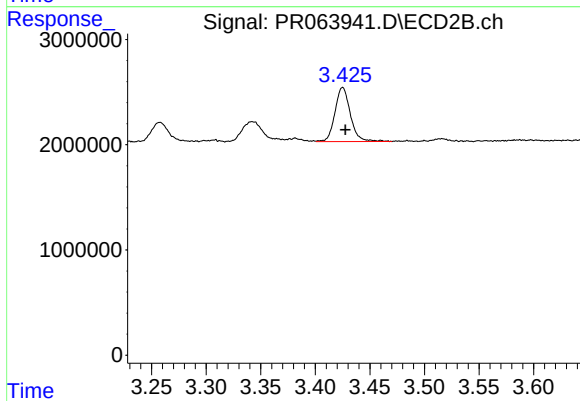
#9 AR-1221-2

R.T.: 3.342 min
Delta R.T.: -0.006 min
Response: 2626297
Conc: 70.92 ng/ml



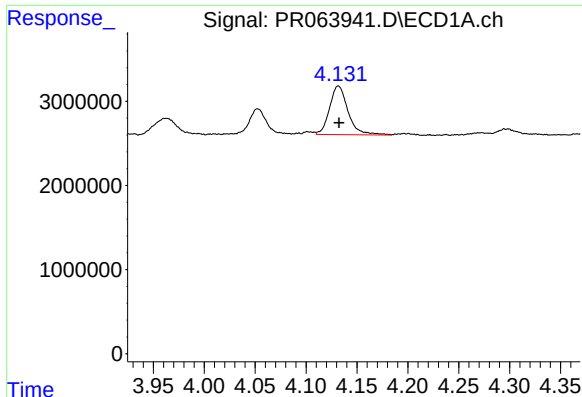
#10 AR-1221-3

R.T.: 4.132 min
Delta R.T.: -0.001 min
Response: 7329089
Conc: 43.57 ng/ml



#10 AR-1221-3

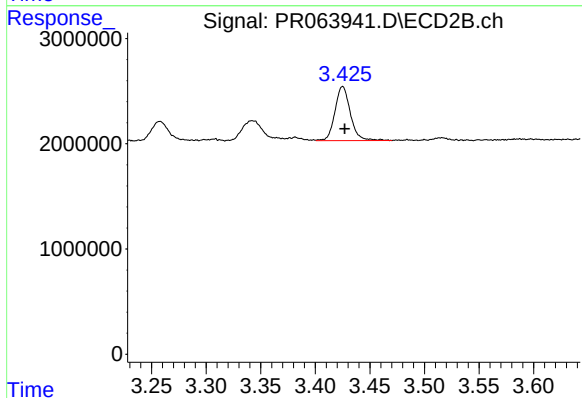
R.T.: 3.425 min
Delta R.T.: -0.002 min
Response: 5053257
Conc: 45.55 ng/ml



#11 AR-1232-1

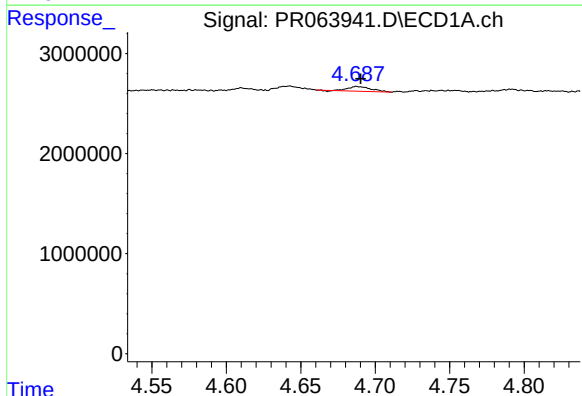
R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 7329089
Conc: 57.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



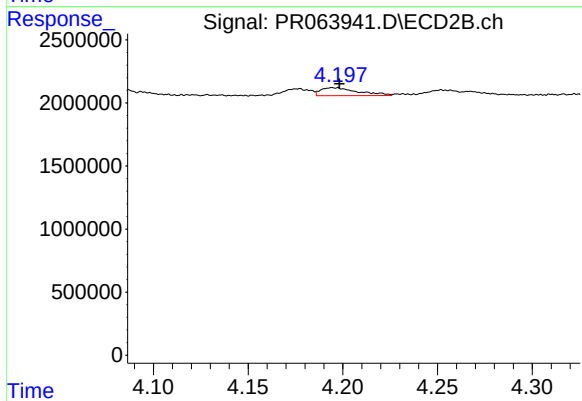
#11 AR-1232-1

R.T.: 3.425 min
Delta R.T.: -0.002 min
Response: 5053257
Conc: 59.34 ng/ml



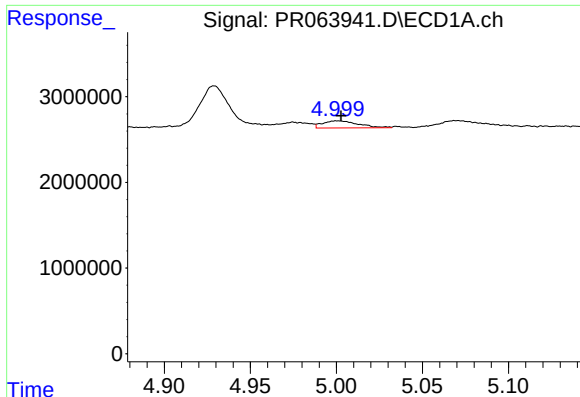
#12 AR-1232-2

R.T.: 4.688 min
Delta R.T.: -0.003 min
Response: 489304
Conc: 6.68 ng/ml



#12 AR-1232-2

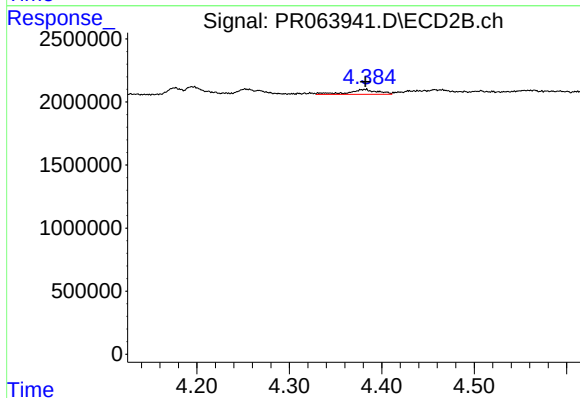
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 876959
Conc: 10.06 ng/ml



#13 AR-1232-3

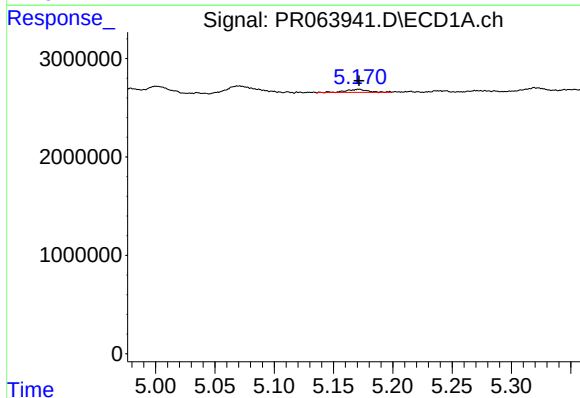
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 1192294
Conc: 8.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



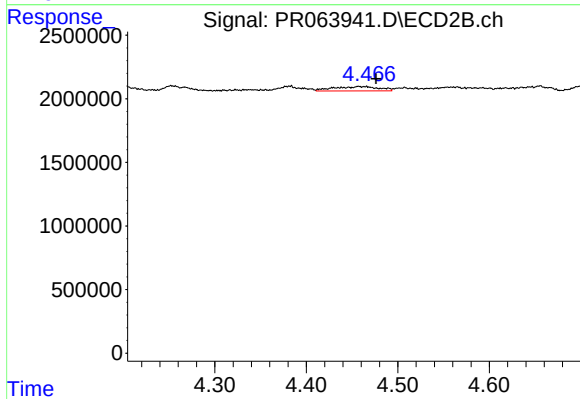
#13 AR-1232-3

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 875133
Conc: 18.16 ng/ml



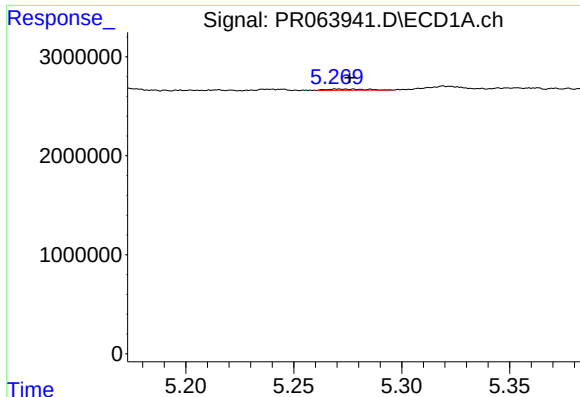
#14 AR-1232-4

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 407781
Conc: 5.81 ng/ml



#14 AR-1232-4

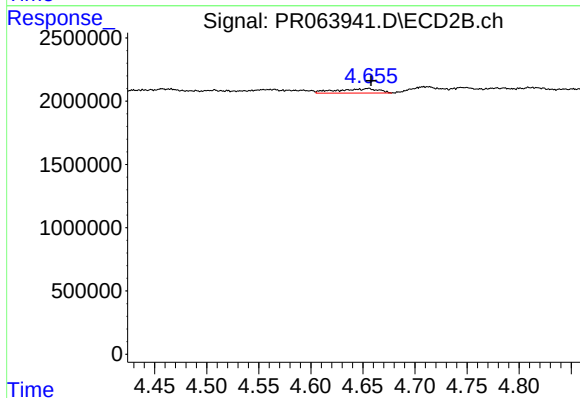
R.T.: 4.457 min
Delta R.T.: -0.019 min
Response: 1208489
Conc: 28.94 ng/ml



#15 AR-1232-5

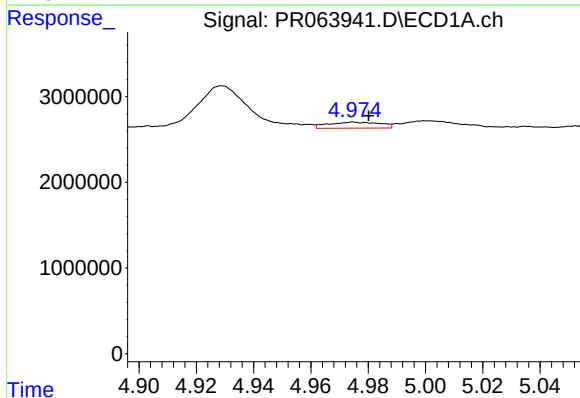
R.T.: 5.271 min
Delta R.T.: -0.005 min
Response: 155673
Conc: 3.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



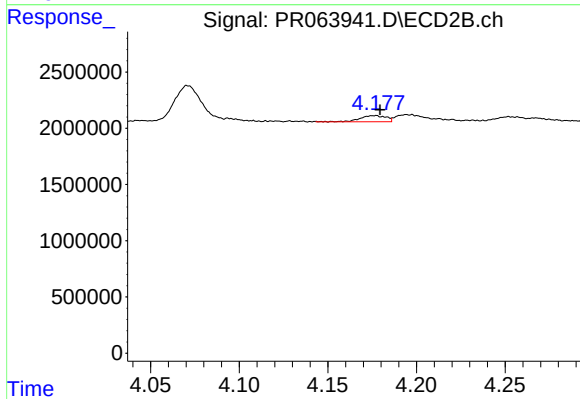
#15 AR-1232-5

R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 958620
Conc: 20.06 ng/ml



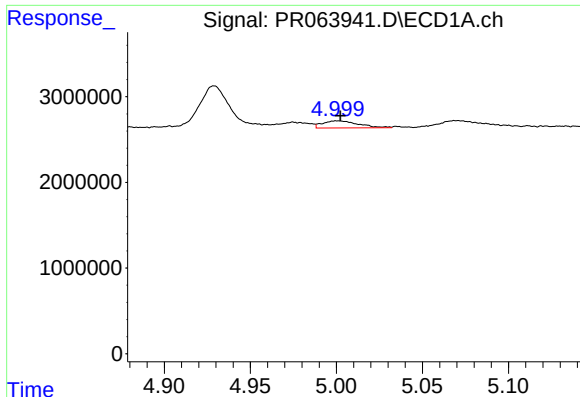
#16 AR-1242-1

R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 895645
Conc: 5.71 ng/ml



#16 AR-1242-1

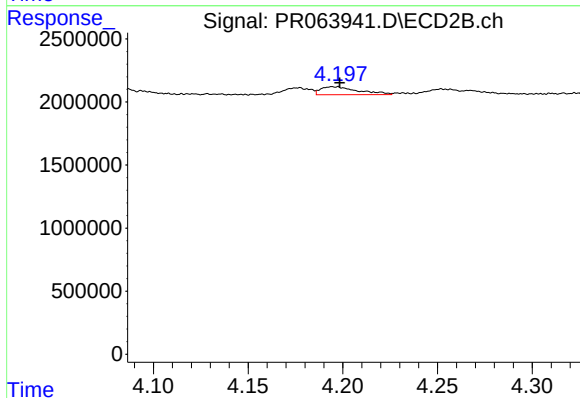
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 573183
Conc: 5.32 ng/ml



#17 AR-1242-2

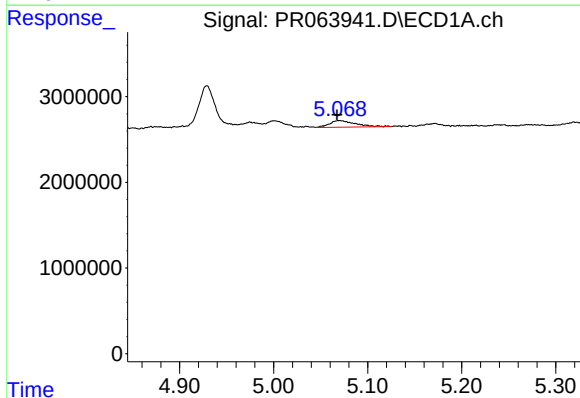
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 1192294
Conc: 5.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



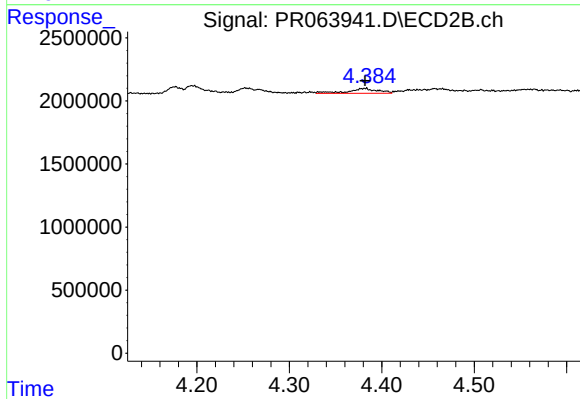
#17 AR-1242-2

R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 876959
Conc: 5.97 ng/ml



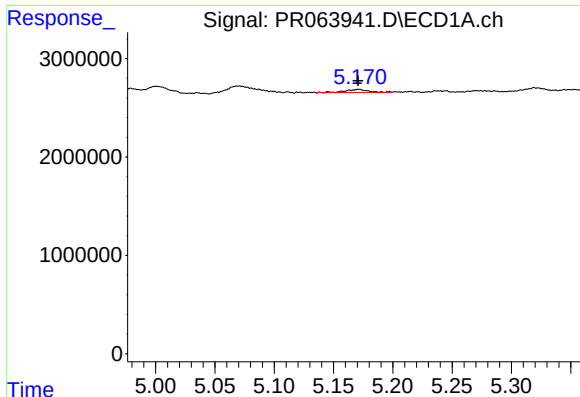
#18 AR-1242-3

R.T.: 5.070 min
Delta R.T.: 0.003 min
Response: 1454107
Conc: 9.63 ng/ml



#18 AR-1242-3

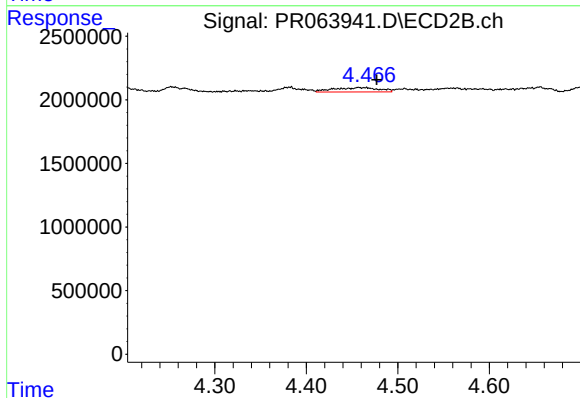
R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 875133
Conc: 10.72 ng/ml



#19 AR-1242-4

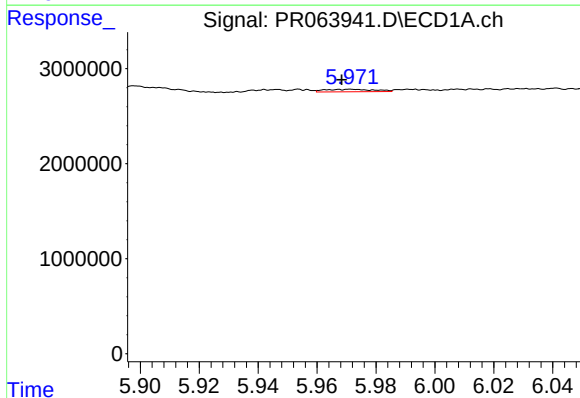
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 407781
Conc: 3.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



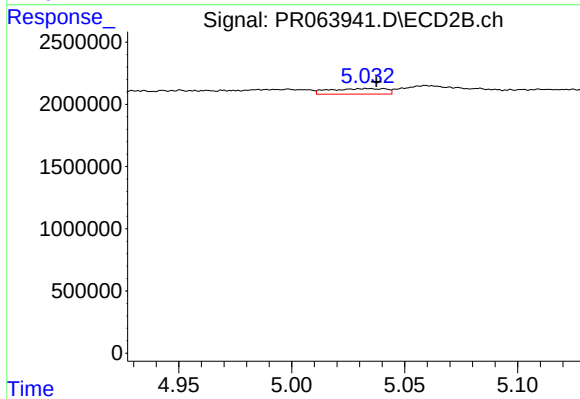
#19 AR-1242-4

R.T.: 4.457 min
Delta R.T.: -0.020 min
Response: 1208489
Conc: 14.99 ng/ml



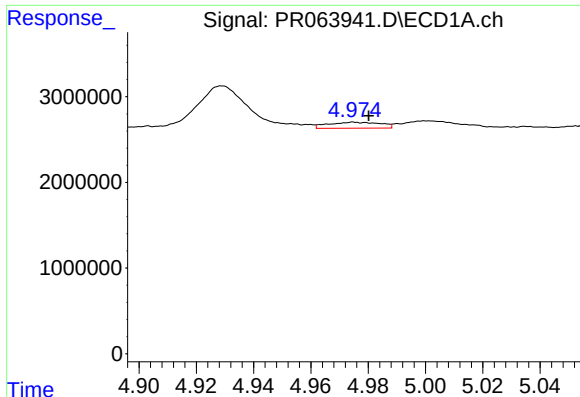
#20 AR-1242-5

R.T.: 5.972 min
Delta R.T.: 0.003 min
Response: 308801
Conc: 2.50 ng/ml



#20 AR-1242-5

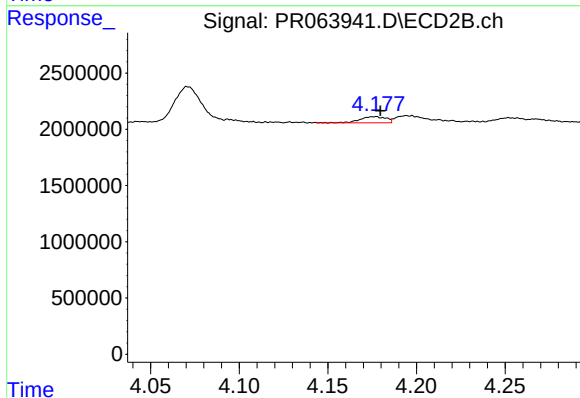
R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 762529
Conc: 7.35 ng/ml



#21 AR-1248-1

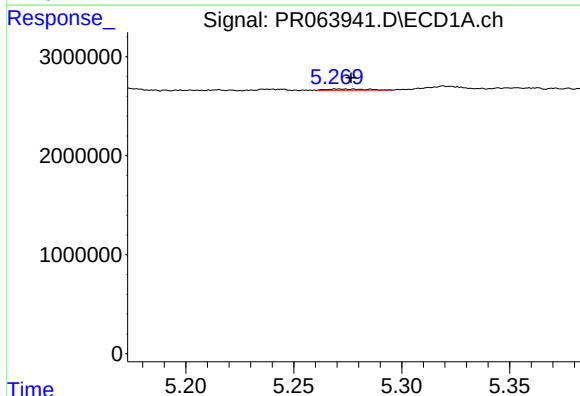
R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 895645
Conc: 7.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



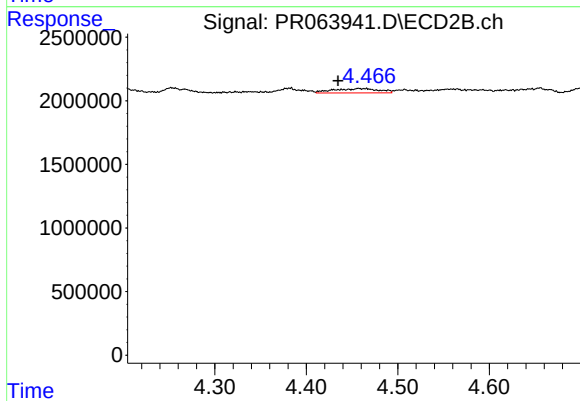
#21 AR-1248-1

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 573183
Conc: 6.81 ng/ml



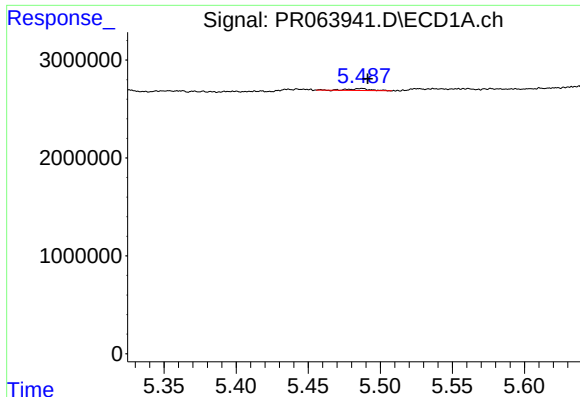
#22 AR-1248-2

R.T.: 5.271 min
Delta R.T.: -0.006 min
Response: 155673
Conc: 0.91 ng/ml



#22 AR-1248-2

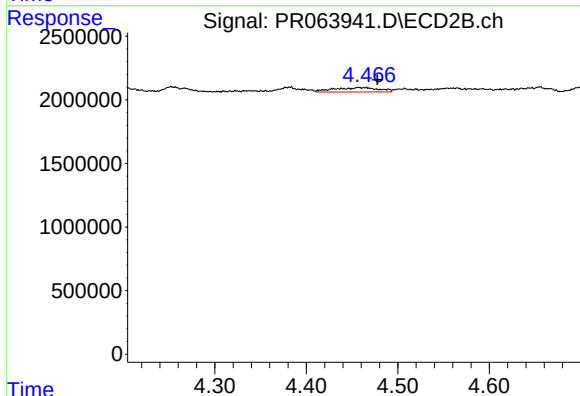
R.T.: 4.457 min
Delta R.T.: 0.022 min
Response: 1208489
Conc: 10.44 ng/ml



#23 AR-1248-3

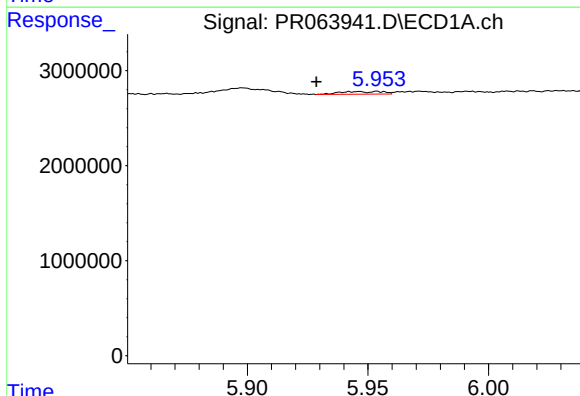
R.T.: 5.487 min
Delta R.T.: -0.004 min
Response: 211452
Conc: 1.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



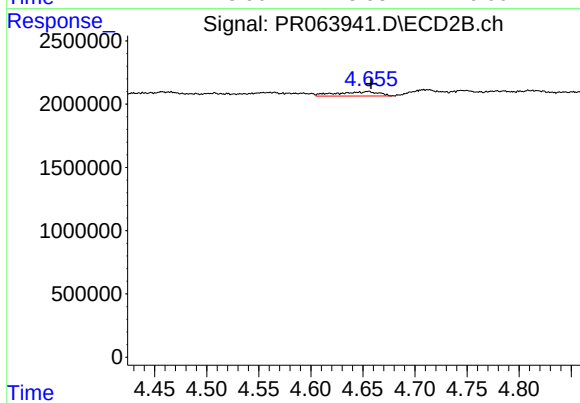
#23 AR-1248-3

R.T.: 4.457 min
Delta R.T.: -0.020 min
Response: 1208489
Conc: 10.21 ng/ml



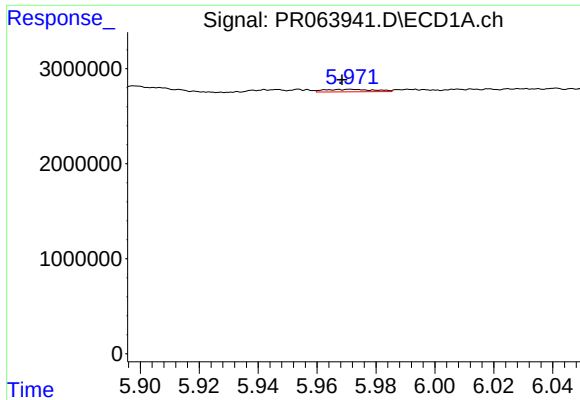
#24 AR-1248-4

R.T.: 5.954 min
Delta R.T.: 0.026 min
Response: 340123
Conc: 1.61 ng/ml



#24 AR-1248-4

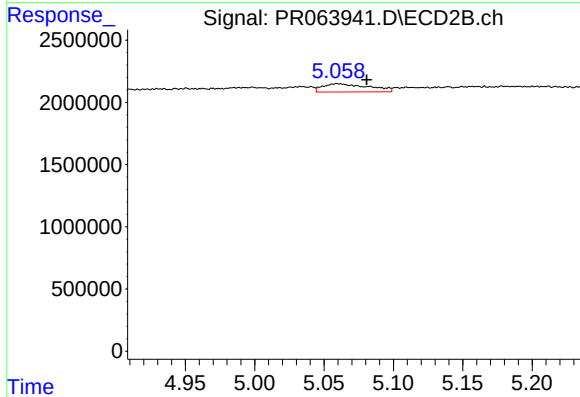
R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 958620
Conc: 6.75 ng/ml



#25 AR-1248-5

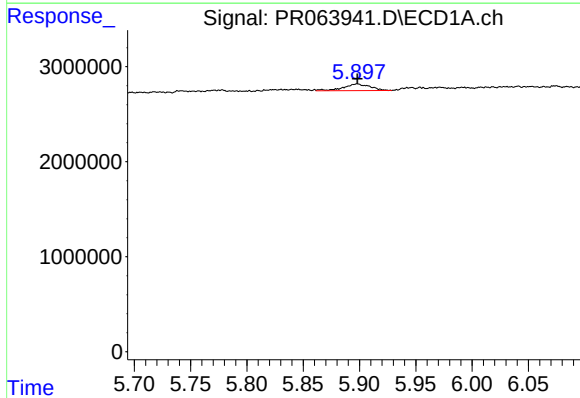
R.T.: 5.972 min
Delta R.T.: 0.003 min
Response: 308801
Conc: 1.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



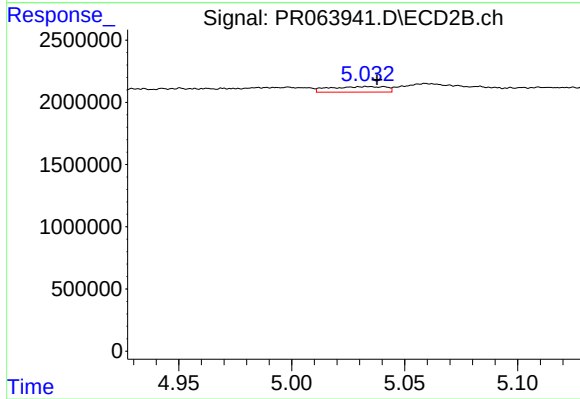
#25 AR-1248-5

R.T.: 5.060 min
Delta R.T.: -0.021 min
Response: 1508904
Conc: 10.84 ng/ml



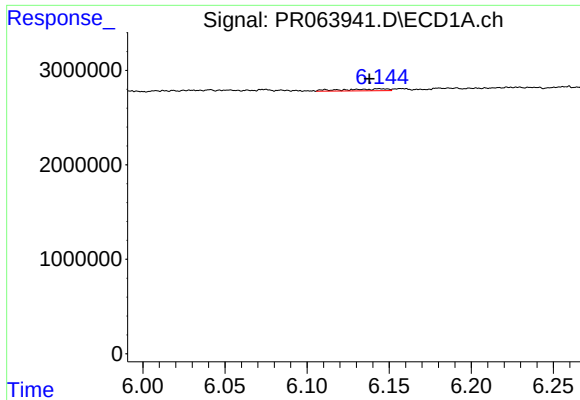
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 1171447
Conc: 5.35 ng/ml



#26 AR-1254-1

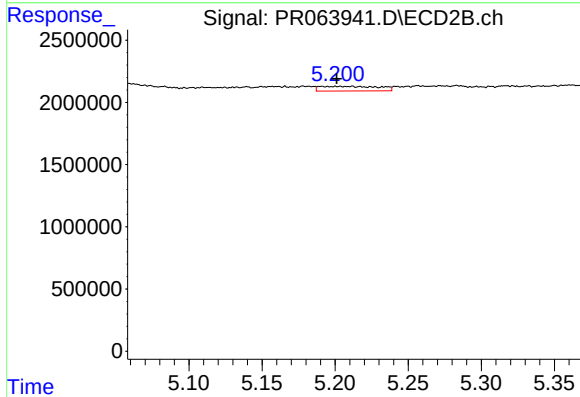
R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 762529
Conc: 3.74 ng/ml



#27 AR-1254-2

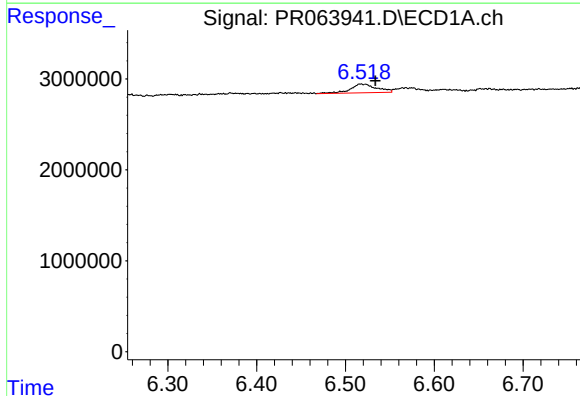
R.T.: 6.144 min
Delta R.T.: 0.006 min
Response: 374571
Conc: 1.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



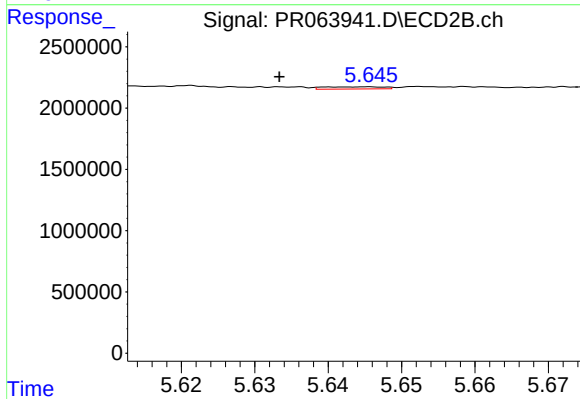
#27 AR-1254-2

R.T.: 5.211 min
Delta R.T.: 0.010 min
Response: 1056710
Conc: 5.74 ng/ml



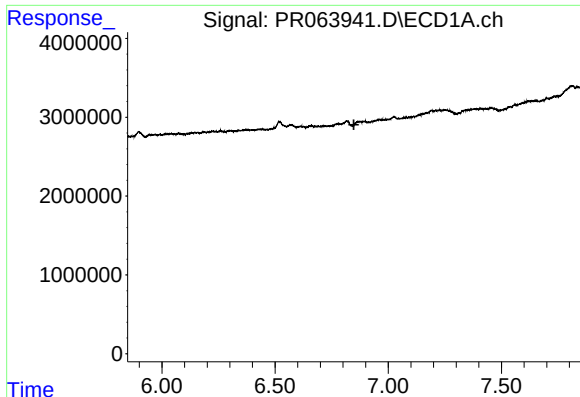
#28 AR-1254-3

R.T.: 6.519 min
Delta R.T.: -0.015 min
Response: 2000534
Conc: 5.93 ng/ml



#28 AR-1254-3

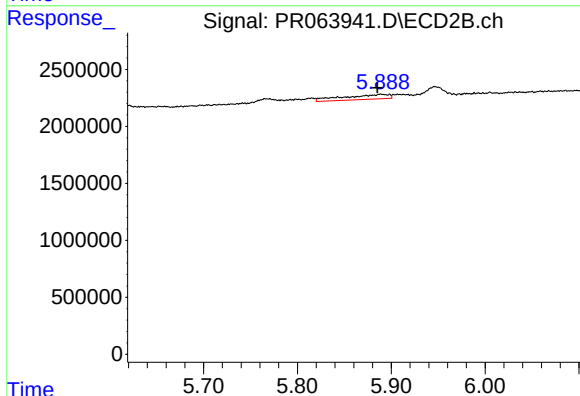
R.T.: 5.645 min
Delta R.T.: 0.012 min
Response: 97532
Conc: 0.34 ng/ml



#29 AR-1254-4

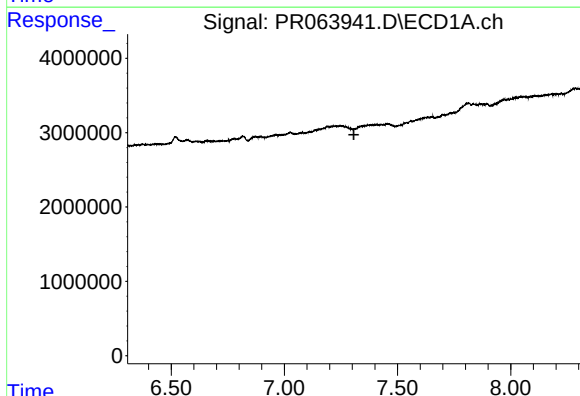
R.T.: 6.871 min
Delta R.T.: 0.023 min
Response: -587252
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



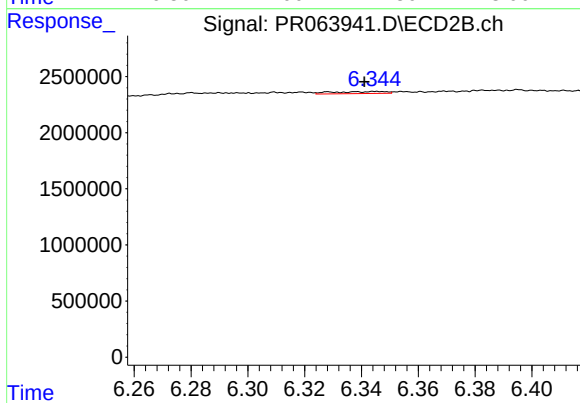
#29 AR-1254-4

R.T.: 5.889 min
Delta R.T.: 0.004 min
Response: 1413875
Conc: 7.85 ng/ml



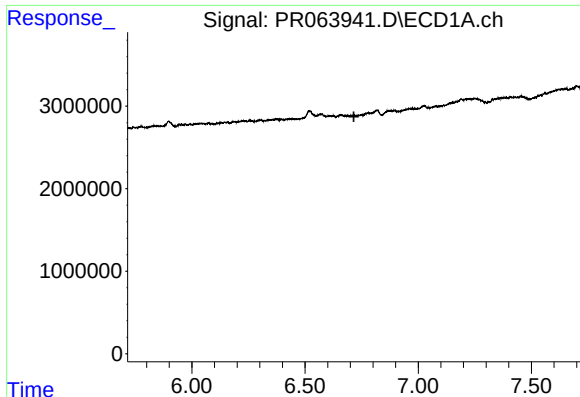
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.307 min
Response: 0
Conc: N.D.



#30 AR-1254-5

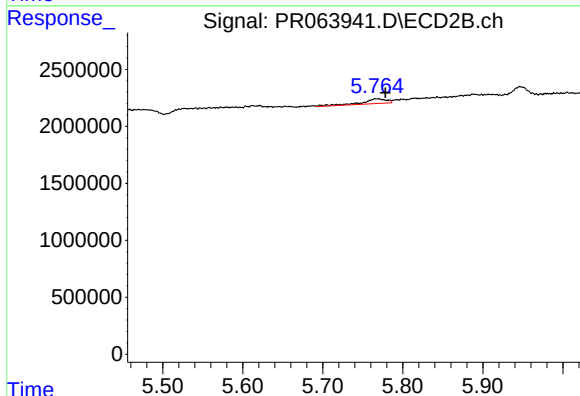
R.T.: 6.345 min
Delta R.T.: 0.004 min
Response: 234811
Conc: 0.88 ng/ml



#31 AR-1260-1

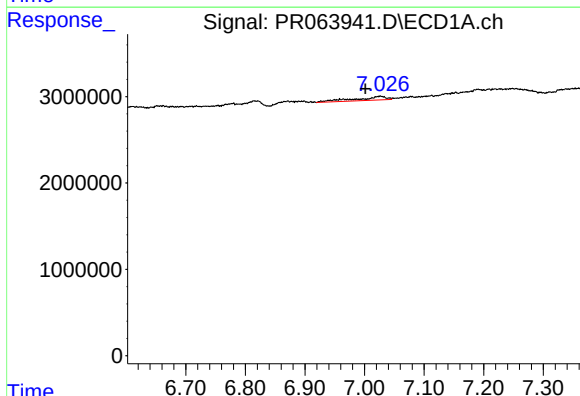
R.T.: 0.000 min
Exp R.T.: 6.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



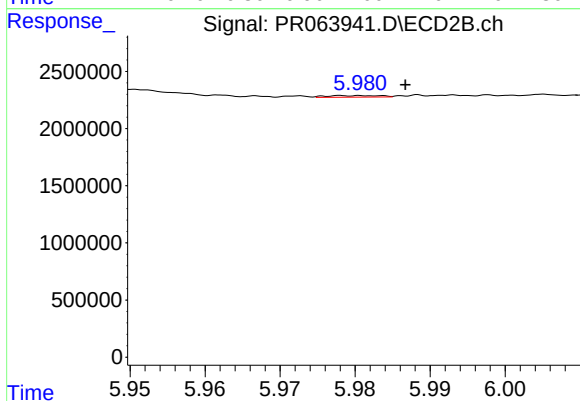
#31 AR-1260-1

R.T.: 5.766 min
Delta R.T.: -0.012 min
Response: 933672
Conc: 4.36 ng/ml



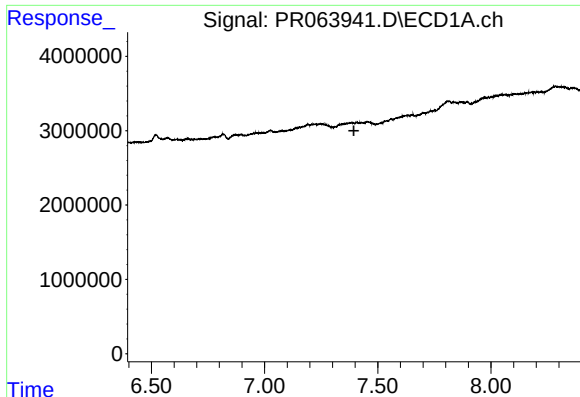
#32 AR-1260-2

R.T.: 7.026 min
Delta R.T.: 0.025 min
Response: 1512929
Conc: 4.72 ng/ml



#32 AR-1260-2

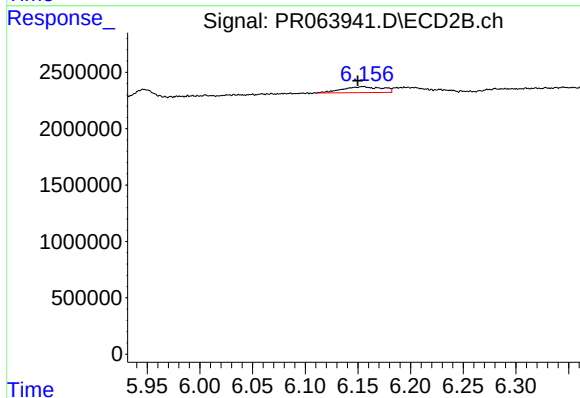
R.T.: 5.980 min
Delta R.T.: -0.007 min
Response: 66607
Conc: 0.26 ng/ml



#33 AR-1260-3

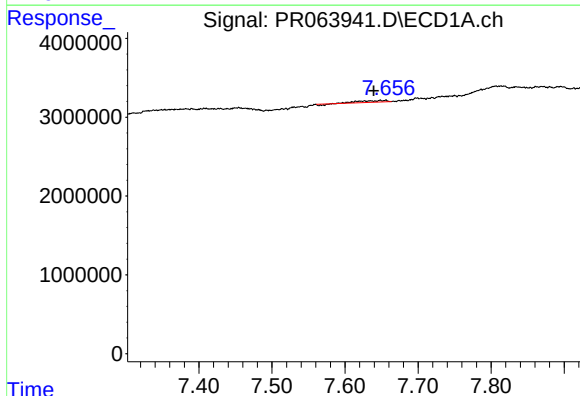
R.T.: 0.000 min
Exp R.T.: 7.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



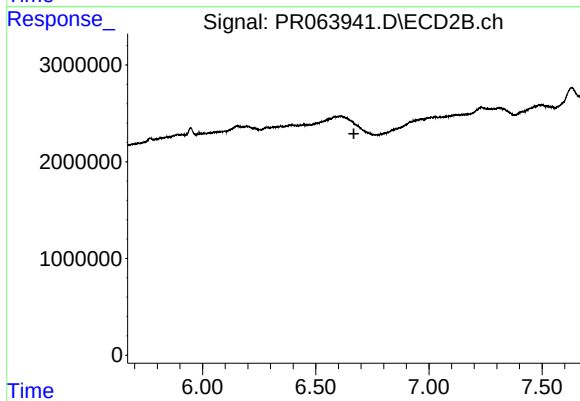
#33 AR-1260-3

R.T.: 6.155 min
Delta R.T.: 0.005 min
Response: 1408481
Conc: 5.59 ng/ml



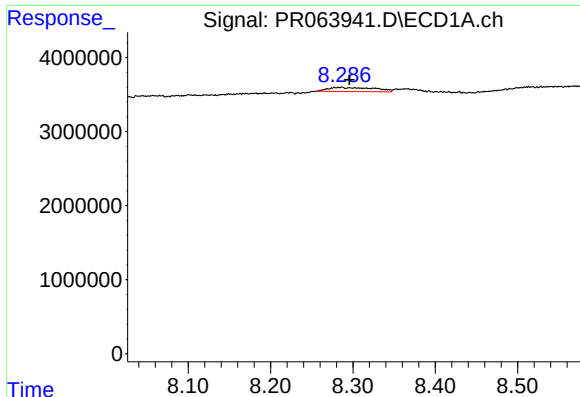
#34 AR-1260-4

R.T.: 7.654 min
Delta R.T.: 0.014 min
Response: 457130
Conc: 1.88 ng/ml



#34 AR-1260-4

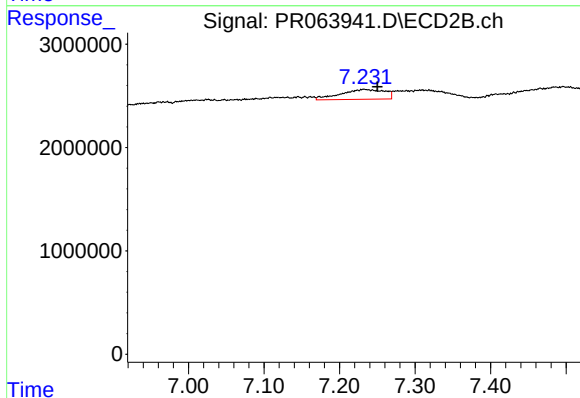
R.T.: 0.000 min
Exp R.T.: 6.668 min
Response: 0
Conc: N.D.



#38 AR-1262-3

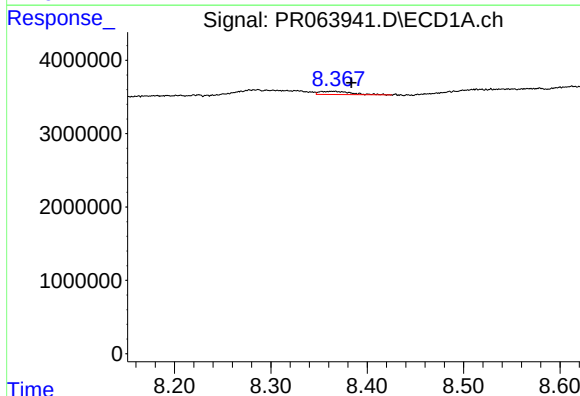
R.T.: 8.285 min
Delta R.T.: -0.011 min
Response: 2185551
Conc: 5.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



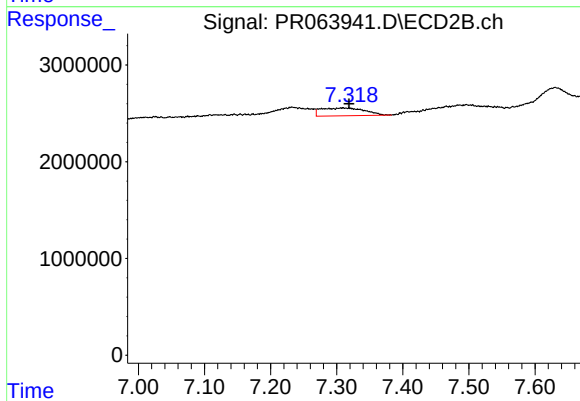
#38 AR-1262-3

R.T.: 7.232 min
Delta R.T.: -0.018 min
Response: 3868448
Conc: 22.49 ng/ml



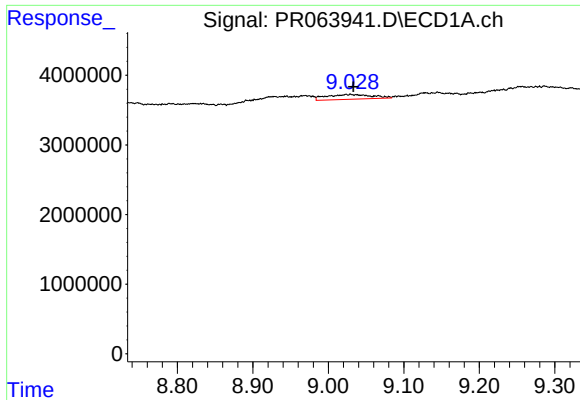
#39 AR-1262-4

R.T.: 8.365 min
Delta R.T.: -0.019 min
Response: 965434
Conc: 3.41 ng/ml



#39 AR-1262-4

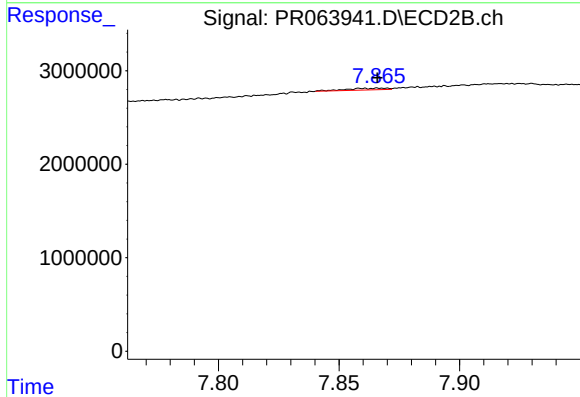
R.T.: 7.309 min
Delta R.T.: -0.010 min
Response: 3698439
Conc: 11.56 ng/ml



#40 AR-1262-5

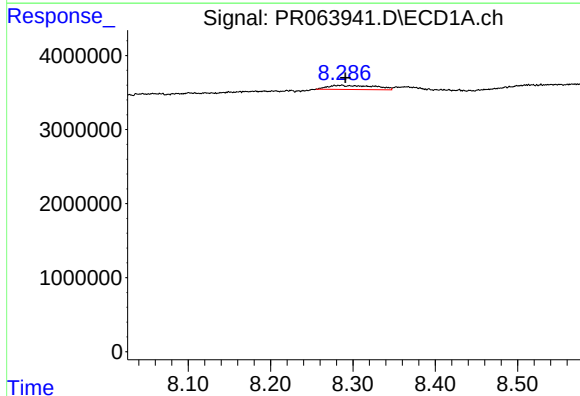
R.T.: 9.028 min
Delta R.T.: -0.005 min
Response: 2858263
Conc: 13.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



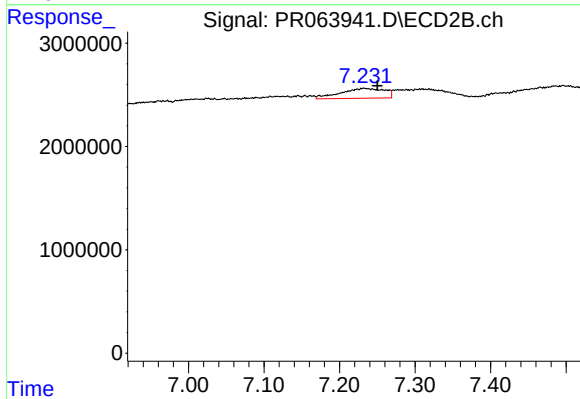
#40 AR-1262-5

R.T.: 7.860 min
Delta R.T.: -0.006 min
Response: 213149
Conc: 1.52 ng/ml



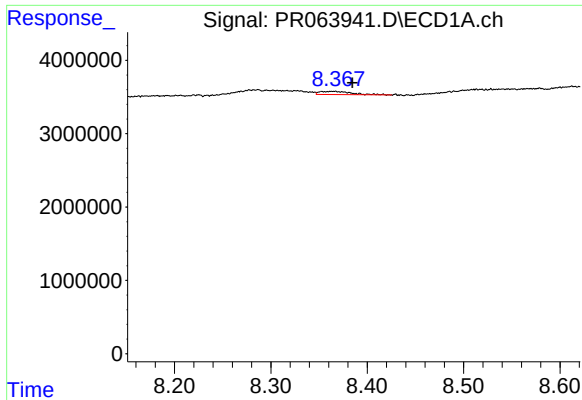
#41 AR-1268-1

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 2185551
Conc: 3.38 ng/ml



#41 AR-1268-1

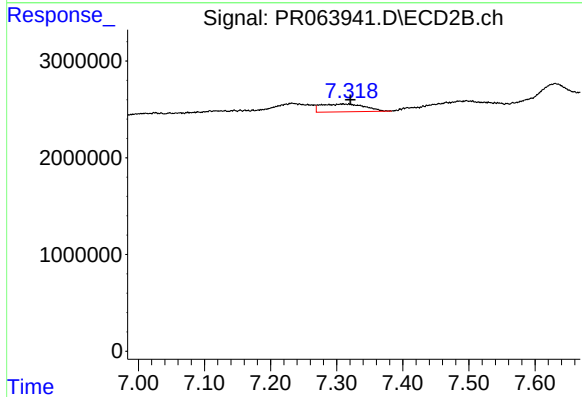
R.T.: 7.232 min
Delta R.T.: -0.018 min
Response: 3868448
Conc: 7.99 ng/ml



#42 AR-1268-2

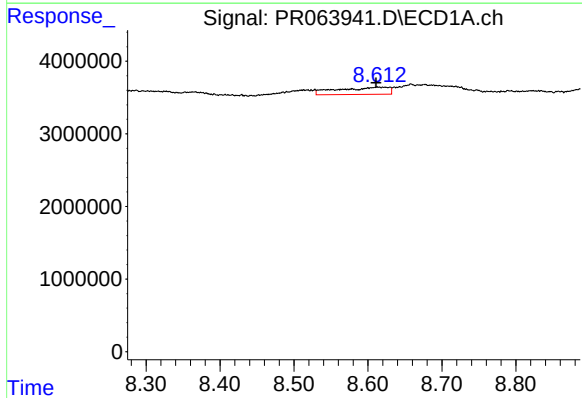
R.T.: 8.365 min
Delta R.T.: -0.020 min
Response: 965434
Conc: 1.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



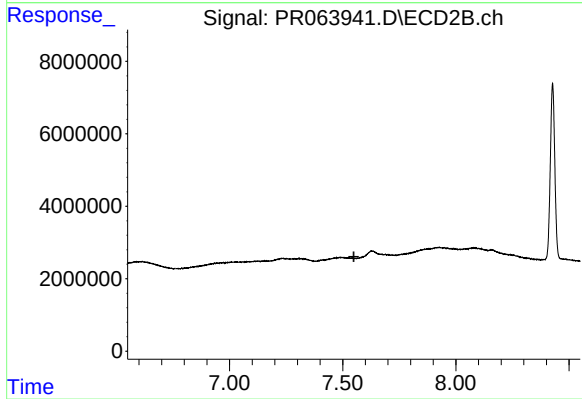
#42 AR-1268-2

R.T.: 7.309 min
Delta R.T.: -0.012 min
Response: 3698439
Conc: 8.32 ng/ml



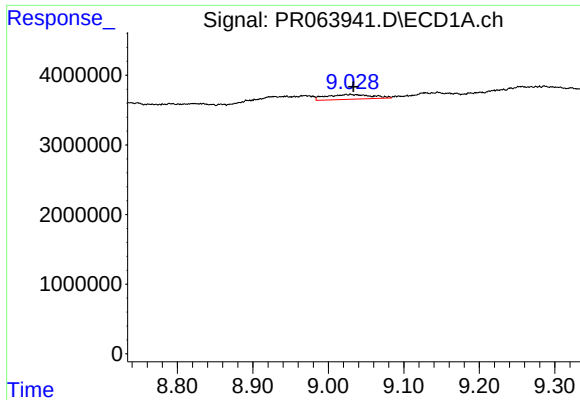
#43 AR-1268-3

R.T.: 8.620 min
Delta R.T.: 0.009 min
Response: 4768155
Conc: 9.15 ng/ml



#43 AR-1268-3

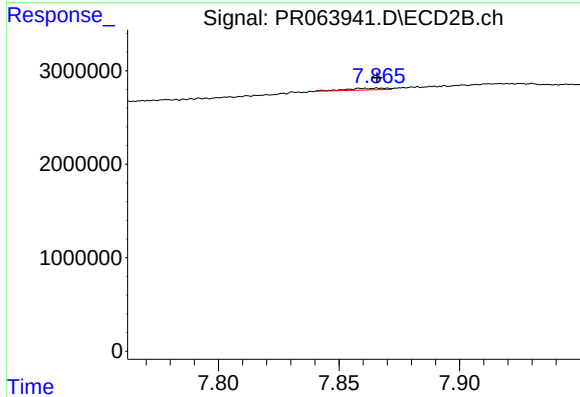
R.T.: 0.000 min
Exp R.T. : 7.550 min
Response: 0
Conc: N.D.



#44 AR-1268-4

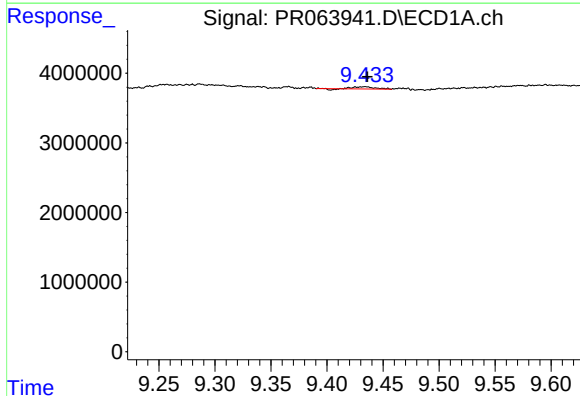
R.T.: 9.028 min
Delta R.T.: -0.005 min
Response: 2858263
Conc: 13.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



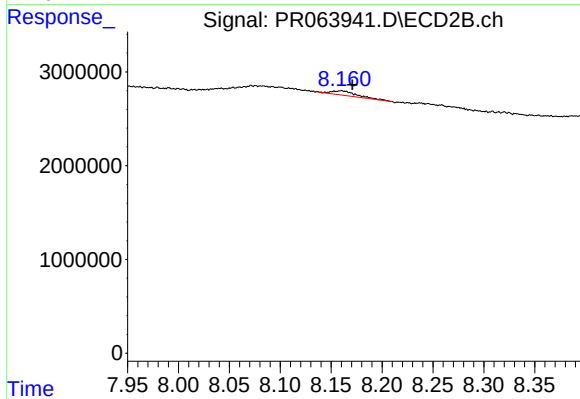
#44 AR-1268-4

R.T.: 7.860 min
Delta R.T.: -0.006 min
Response: 213149
Conc: 1.42 ng/ml



#45 AR-1268-5

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 364646
Conc: 0.22 ng/ml



#45 AR-1268-5

R.T.: 8.160 min
Delta R.T.: -0.011 min
Response: 707684
Conc: 0.64 ng/ml