

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071622\
 Data File : PP049514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2022 14:36
 Operator : YP\AJ
 Sample : N3711-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 17:20:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 06:08:44 2022
 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...	4.351	3.600	33866567	57786017	23.338	23.641
2)	SA Decachlor...	10.102	8.567	16674797	13542844	11.789	11.629
Target Compounds							
3)	L1 AR-1016-1	5.544	0.000	507601	0	8.985	N.D. #
4)	L1 AR-1016-2	5.553	0.000	240920	0	2.996	N.D. #
5)	L1 AR-1016-3	5.619	4.862	51882	412050	1.059	6.270 #
6)	L1 AR-1016-4	5.707	4.904	298036	234526	7.365	4.412 #
7)	L1 AR-1016-5	6.008	5.105f	1366975	1148552	33.398	16.705 #
8)	L2 AR-1221-1	4.572	3.801	1227928	1045019	71.724	34.621 #
9)	L2 AR-1221-2	4.661	3.896	2359924	1921298	180.184	84.113 #
10)	L2 AR-1221-3	4.744	3.970	5463412	407440	136.532	5.988 #
11)	L3 AR-1232-1	4.744	3.970	5463412	407440	178.314	7.942 #
12)	L3 AR-1232-2	5.257	0.000	303781	0	20.342	N.D. #
13)	L3 AR-1232-3	5.553	4.862	240920	412050	7.970	16.507 #
14)	L3 AR-1232-4	5.707	4.974f	298036	915160	19.329	40.010 #
15)	L3 AR-1232-5	5.814	5.105f	658783	1148552	52.815	44.645
16)	L4 AR-1242-1	5.544	0.000	507601	0	11.353	N.D. #
17)	L4 AR-1242-2	5.553	0.000	240920	0	3.821	N.D. #
18)	L4 AR-1242-3	5.619	4.862	51882	412050	1.334	7.896 #
19)	L4 AR-1242-4	5.707	4.974f	298036	915160	9.238	17.461 #
20)	L4 AR-1242-5	6.453	5.468	284784	856374	8.281	13.472 #
21)	L5 AR-1248-1	5.544f	0.000	507601	0	14.410	N.D. #
22)	L5 AR-1248-2	5.814	4.904	658783	234526	13.293	3.151 #
23)	L5 AR-1248-3	6.008	4.974f	1366975	915160	24.682	11.985 #
24)	L5 AR-1248-4	6.425	5.105f	305829	1148552	4.934	12.649 #
25)	L5 AR-1248-5	6.453	5.519	284784	944764	4.838	11.336 #
26)	L6 AR-1254-1	6.389	5.468	549396	856374	8.723	6.752
27)	L6 AR-1254-2	6.605	5.616	4598751	1287762	47.204	11.651 #
28)	L6 AR-1254-3	6.995f	6.017	1340937	1421285	12.978	8.732 #
29)	L6 AR-1254-4	7.263	6.244	553731	585226	6.917	6.048
30)	L6 AR-1254-5	7.681	6.660	1147051	5998365	12.905	45.265 #
31)	L7 AR-1260-1	7.128	6.147	2254069	1670502	29.811	15.940 #
32)	L7 AR-1260-2	7.392	6.332	1238496	1267481	13.083	10.534
33)	L7 AR-1260-3	7.751	6.487	568602	1234438	9.080	10.909
34)	L7 AR-1260-4	7.975	6.958	488813	702952	6.317	9.190 #
35)	L7 AR-1260-5	8.300	7.196	1449385	1597378	9.427	9.341
36)	L8 AR-1262-1	7.751	6.696	568602	828842	5.907	6.992
37)	L8 AR-1262-2	8.300	6.958	1449385	702952	8.139	6.956
38)	L8 AR-1262-3	8.625f	7.481	620918	482391	7.907	7.452
39)	L8 AR-1262-4	8.704	7.545	112908	678804	2.499	5.306 #
40)	L8 AR-1262-5	9.357	8.035	1266126	287223	18.173	5.230 #
41)	L9 AR-1268-1	8.625f	7.481	620918	482391	3.041	2.626

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 ALS Vial : 13 Sample Multiplier: 1

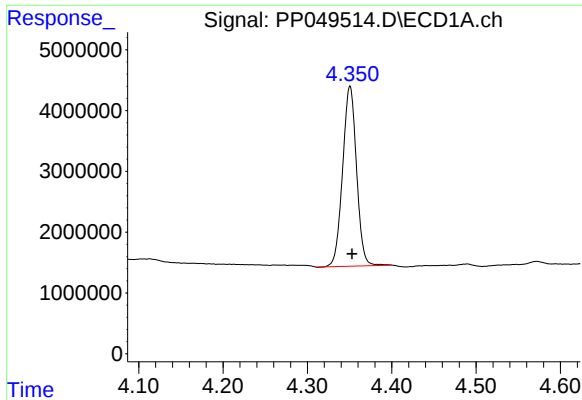
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.704	7.545	112908	678804	0.609	3.924 #
43) L9	AR-1268-3	8.934	7.721f	271904	221815	1.725	1.577
44) L9	AR-1268-4	9.357	8.035	1266126	287223	16.915	4.750 #
45) L9	AR-1268-5	9.787f	8.318	2501789	225558	4.859	0.551 #

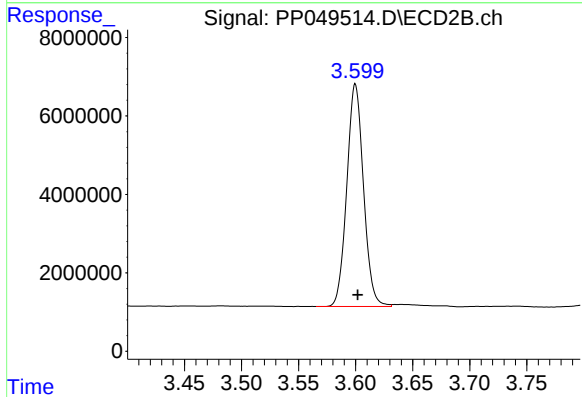
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

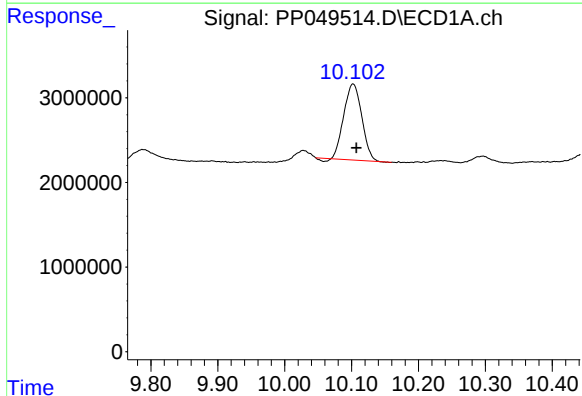
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 33866567
Conc: 23.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



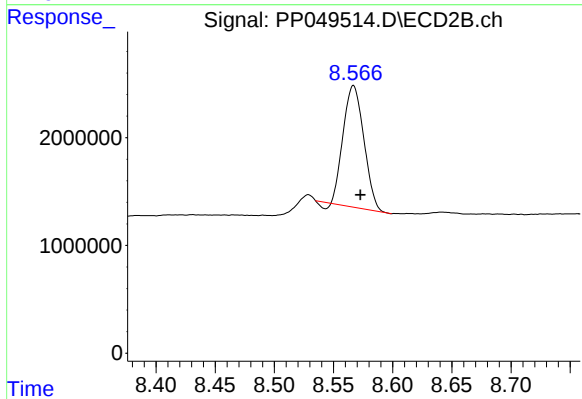
#1 Tetrachloro-m-xylene

R.T.: 3.600 min
Delta R.T.: -0.002 min
Response: 57786017
Conc: 23.64 ng/ml



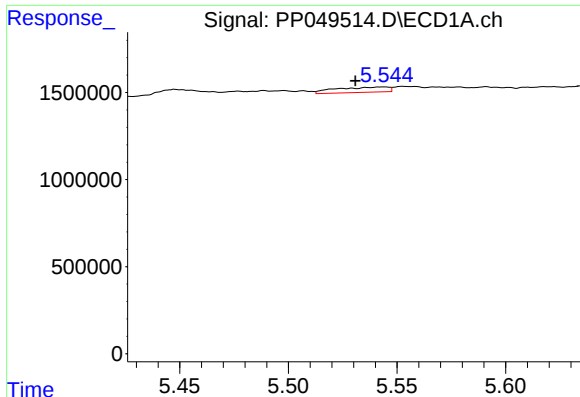
#2 Decachlorobiphenyl

R.T.: 10.102 min
Delta R.T.: -0.005 min
Response: 16674797
Conc: 11.79 ng/ml



#2 Decachlorobiphenyl

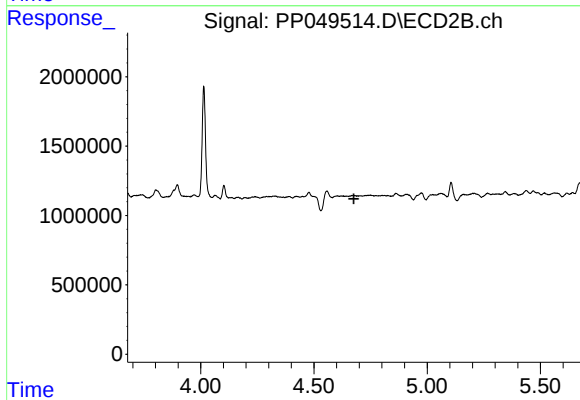
R.T.: 8.567 min
Delta R.T.: -0.006 min
Response: 13542844
Conc: 11.63 ng/ml



#3 AR-1016-1

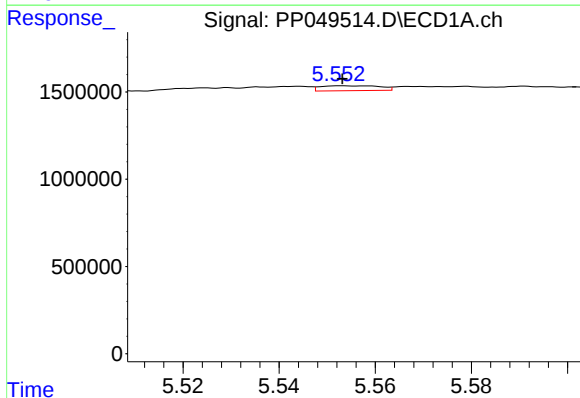
R.T.: 5.544 min
Delta R.T.: 0.013 min
Response: 507601
Conc: 8.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



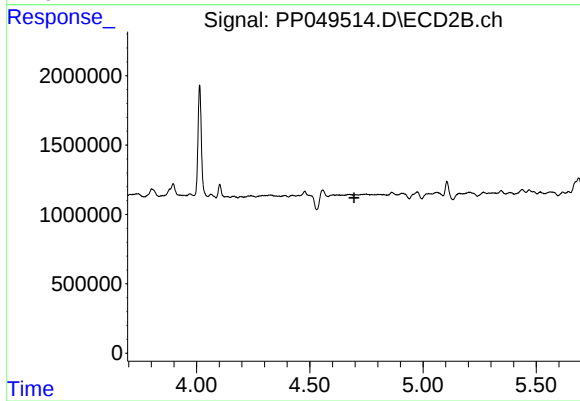
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.677 min
Response: 0
Conc: N.D.



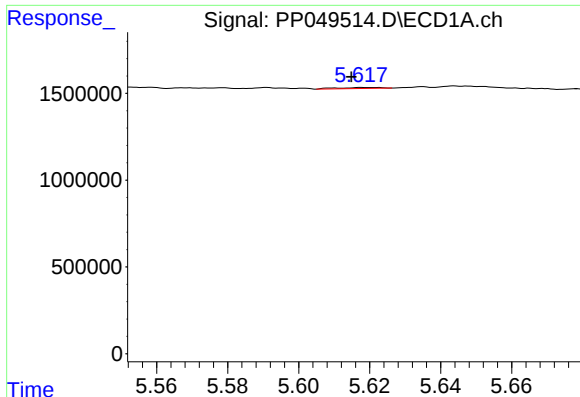
#4 AR-1016-2

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 240920
Conc: 3.00 ng/ml



#4 AR-1016-2

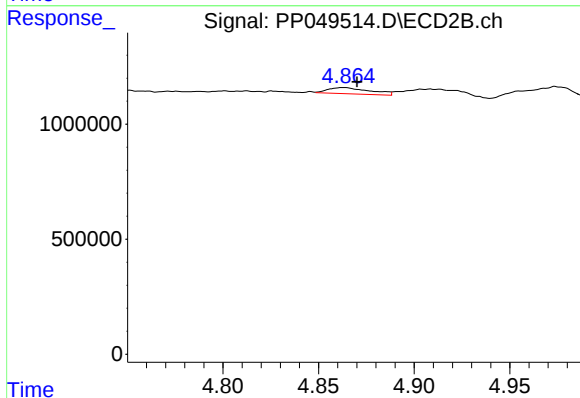
R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



#5 AR-1016-3

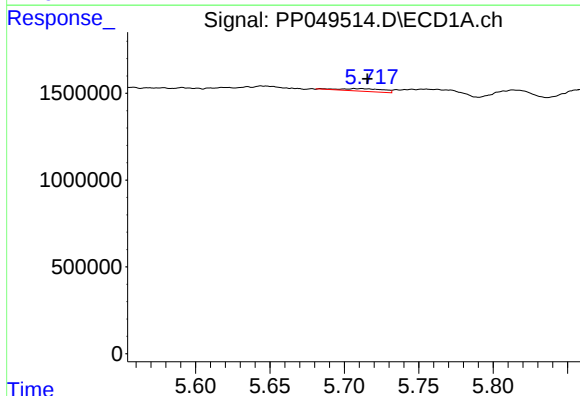
R.T.: 5.619 min
Delta R.T.: 0.004 min
Response: 51882
Conc: 1.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



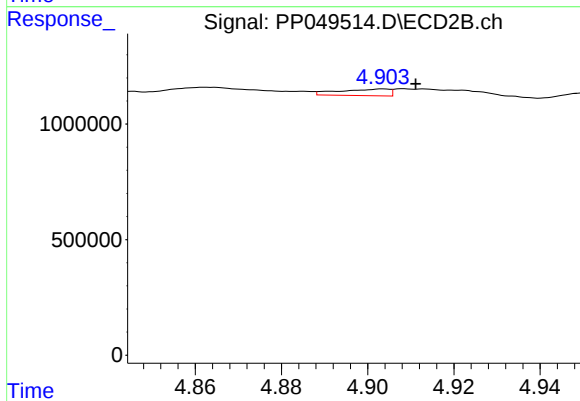
#5 AR-1016-3

R.T.: 4.862 min
Delta R.T.: -0.008 min
Response: 412050
Conc: 6.27 ng/ml



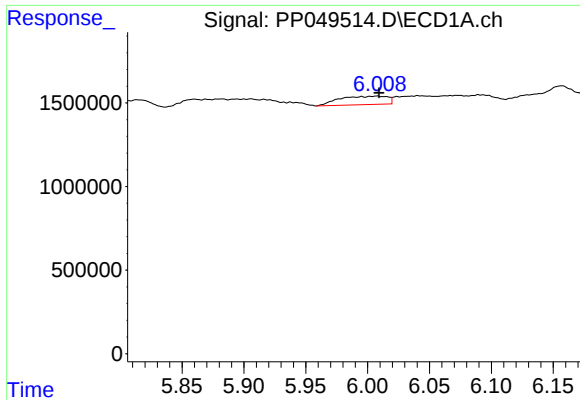
#6 AR-1016-4

R.T.: 5.707 min
Delta R.T.: -0.008 min
Response: 298036
Conc: 7.36 ng/ml



#6 AR-1016-4

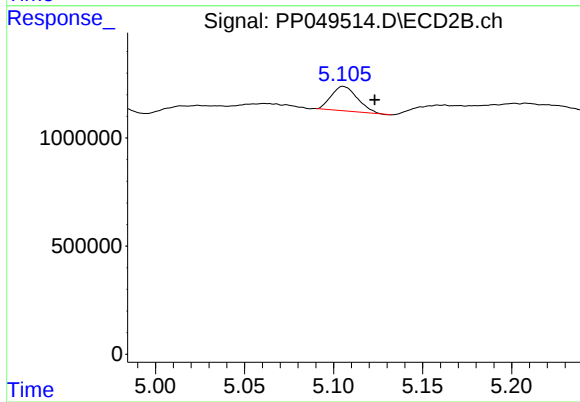
R.T.: 4.904 min
Delta R.T.: -0.008 min
Response: 234526
Conc: 4.41 ng/ml



#7 AR-1016-5

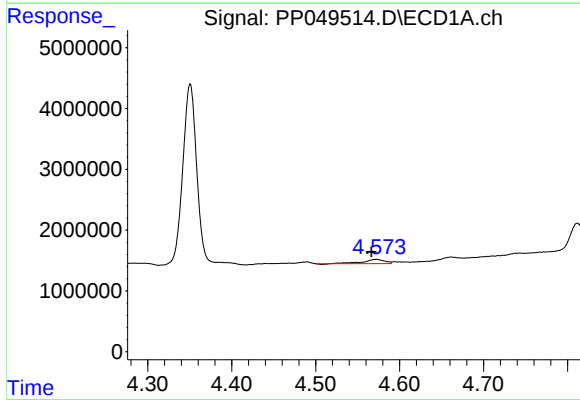
R.T.: 6.008 min
Delta R.T.: -0.002 min
Response: 1366975
Conc: 33.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



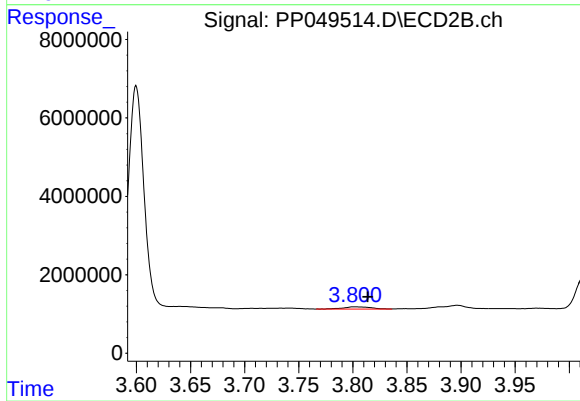
#7 AR-1016-5

R.T.: 5.105 min
Delta R.T.: -0.018 min
Response: 1148552
Conc: 16.70 ng/ml



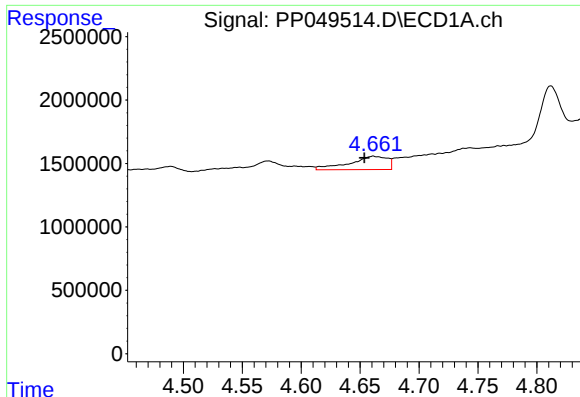
#8 AR-1221-1

R.T.: 4.572 min
Delta R.T.: 0.005 min
Response: 1227928
Conc: 71.72 ng/ml



#8 AR-1221-1

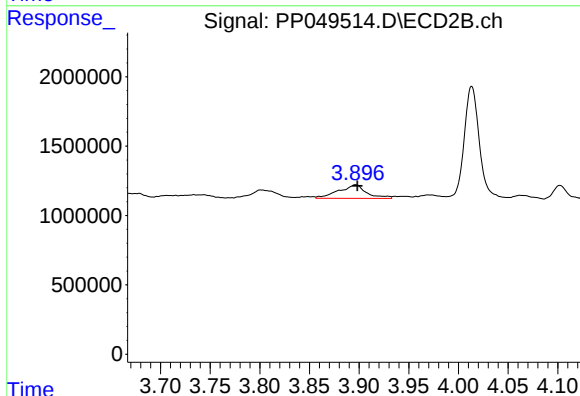
R.T.: 3.801 min
Delta R.T.: -0.013 min
Response: 1045019
Conc: 34.62 ng/ml



#9 AR-1221-2

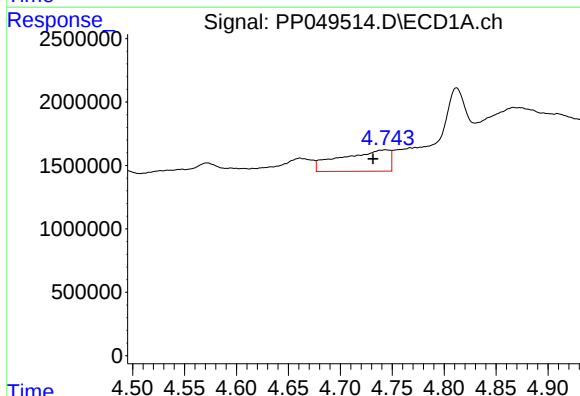
R.T.: 4.661 min
Delta R.T.: 0.008 min
Response: 2359924
Conc: 180.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



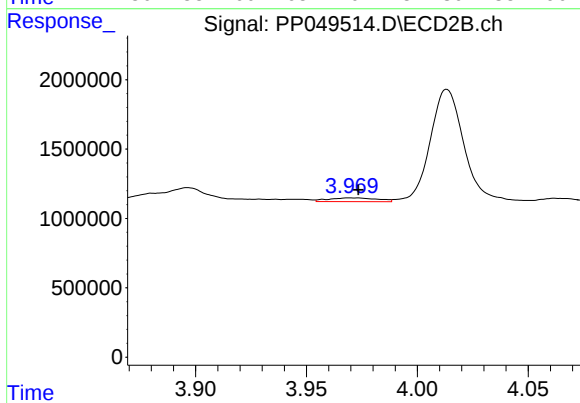
#9 AR-1221-2

R.T.: 3.896 min
Delta R.T.: -0.002 min
Response: 1921298
Conc: 84.11 ng/ml



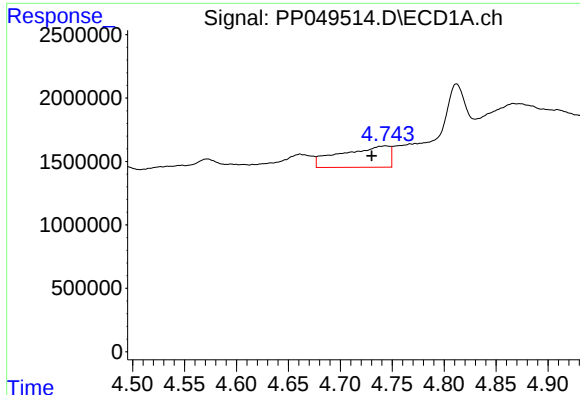
#10 AR-1221-3

R.T.: 4.744 min
Delta R.T.: 0.012 min
Response: 5463412
Conc: 136.53 ng/ml



#10 AR-1221-3

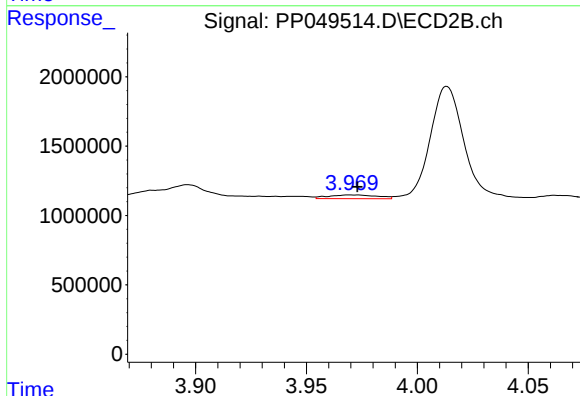
R.T.: 3.970 min
Delta R.T.: -0.004 min
Response: 407440
Conc: 5.99 ng/ml



#11 AR-1232-1

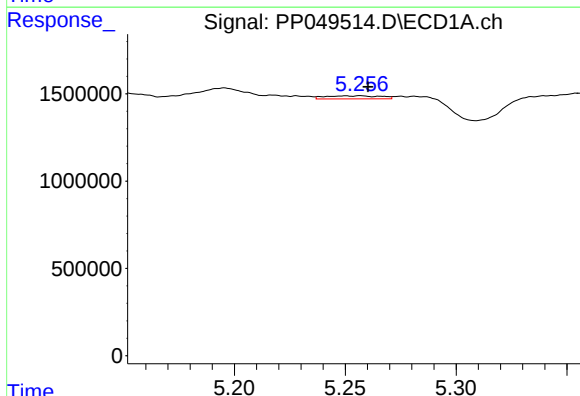
R.T.: 4.744 min
Delta R.T.: 0.013 min
Response: 5463412
Conc: 178.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



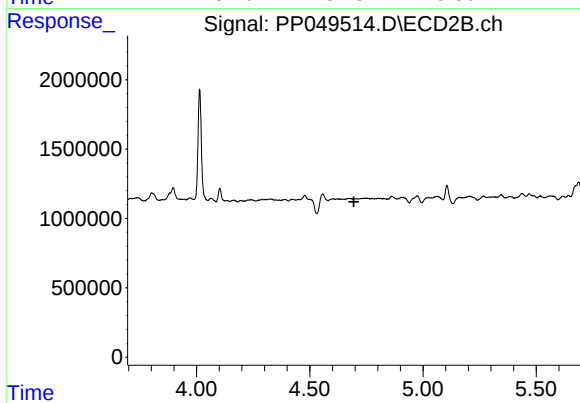
#11 AR-1232-1

R.T.: 3.970 min
Delta R.T.: -0.003 min
Response: 407440
Conc: 7.94 ng/ml



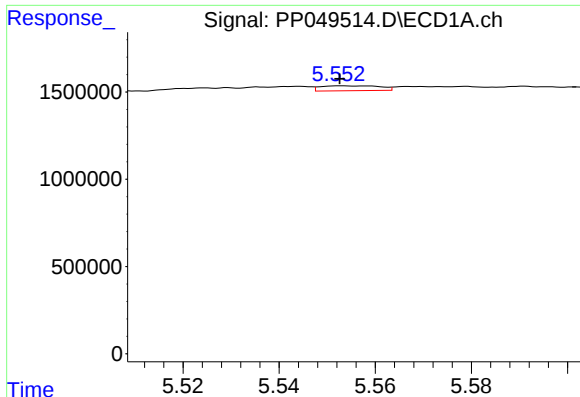
#12 AR-1232-2

R.T.: 5.257 min
Delta R.T.: -0.003 min
Response: 303781
Conc: 20.34 ng/ml



#12 AR-1232-2

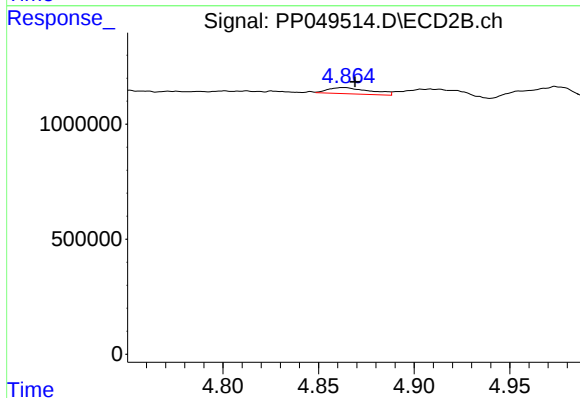
R.T.: 0.000 min
Exp R.T.: 4.695 min
Response: 0
Conc: N.D.



#13 AR-1232-3

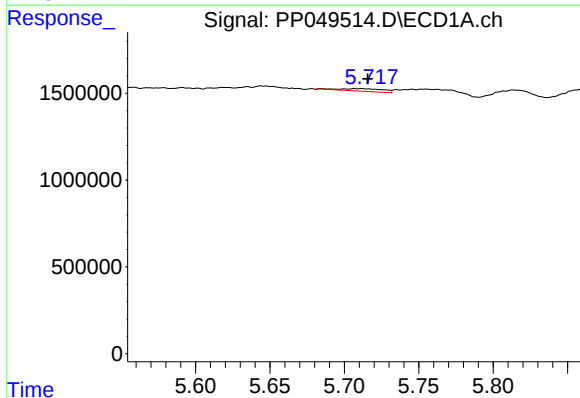
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 240920
Conc: 7.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



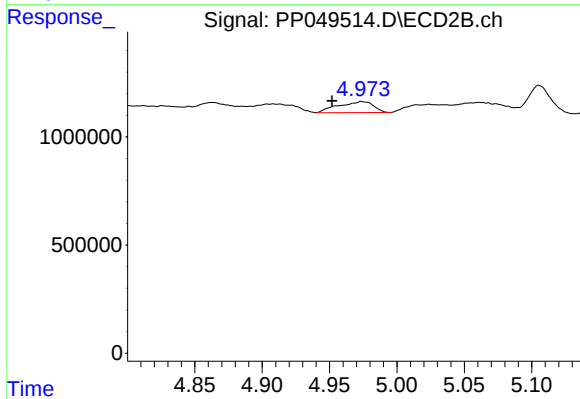
#13 AR-1232-3

R.T.: 4.862 min
Delta R.T.: -0.007 min
Response: 412050
Conc: 16.51 ng/ml



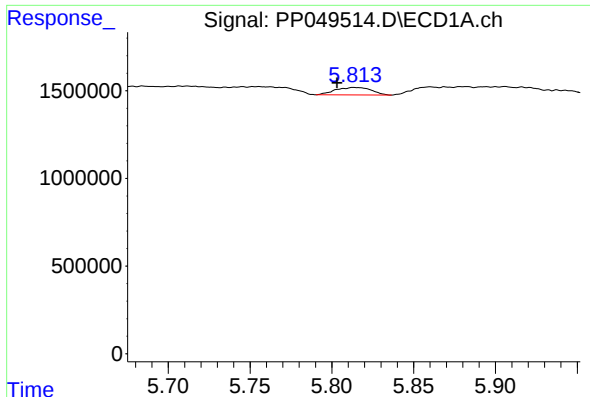
#14 AR-1232-4

R.T.: 5.707 min
Delta R.T.: -0.009 min
Response: 298036
Conc: 19.33 ng/ml



#14 AR-1232-4

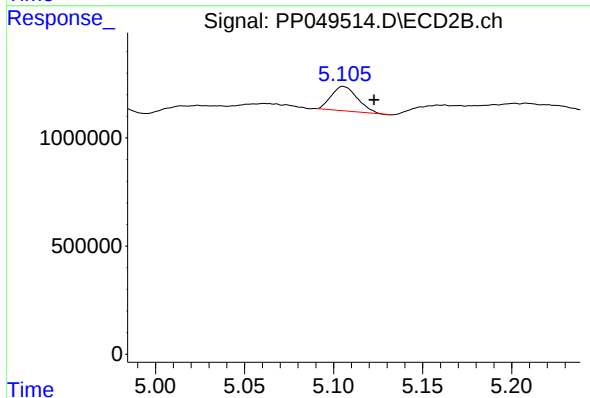
R.T.: 4.974 min
Delta R.T.: 0.022 min
Response: 915160
Conc: 40.01 ng/ml



#15 AR-1232-5

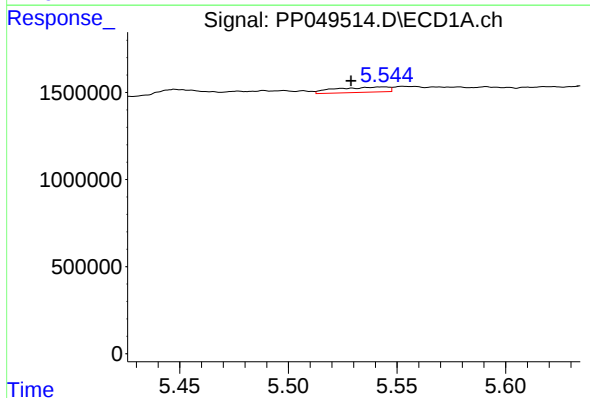
R.T.: 5.814 min
Delta R.T.: 0.011 min
Response: 658783
Conc: 52.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



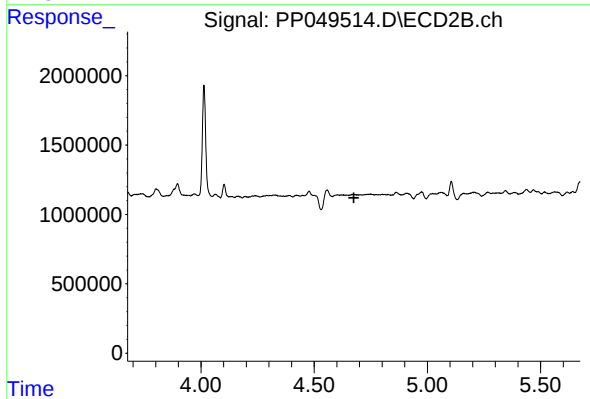
#15 AR-1232-5

R.T.: 5.105 min
Delta R.T.: -0.017 min
Response: 1148552
Conc: 44.64 ng/ml



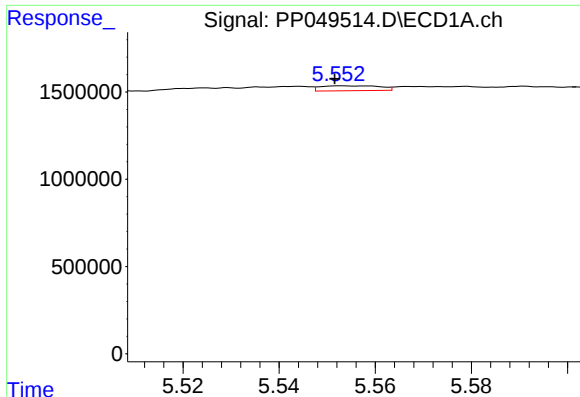
#16 AR-1242-1

R.T.: 5.544 min
Delta R.T.: 0.015 min
Response: 507601
Conc: 11.35 ng/ml



#16 AR-1242-1

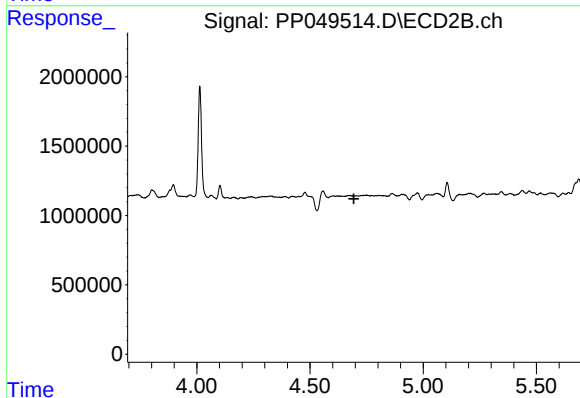
R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



#17 AR-1242-2

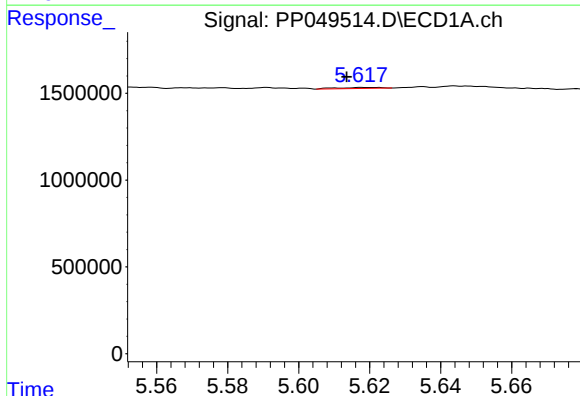
R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 240920
Conc: 3.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



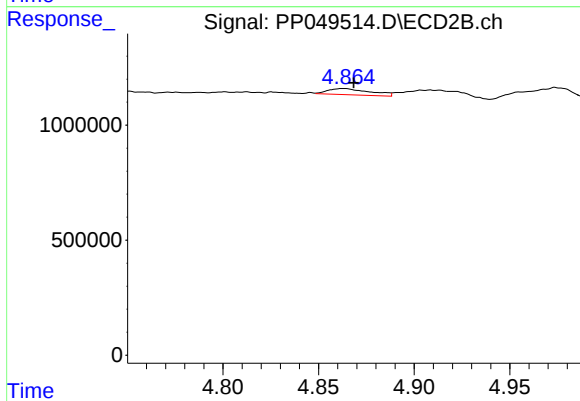
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



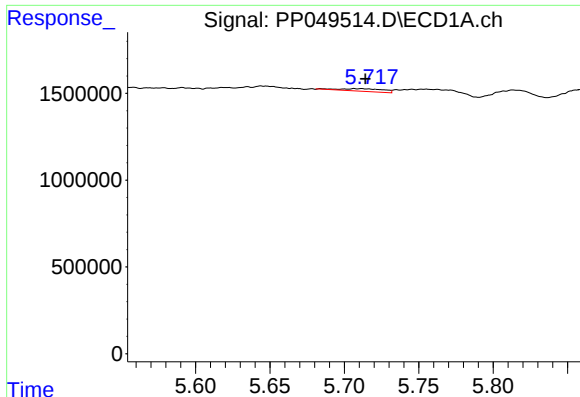
#18 AR-1242-3

R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 51882
Conc: 1.33 ng/ml



#18 AR-1242-3

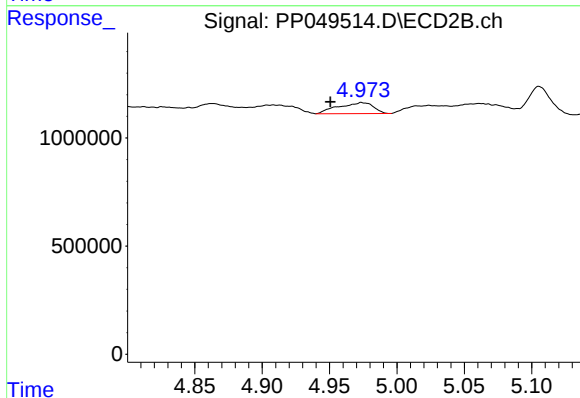
R.T.: 4.862 min
Delta R.T.: -0.006 min
Response: 412050
Conc: 7.90 ng/ml



#19 AR-1242-4

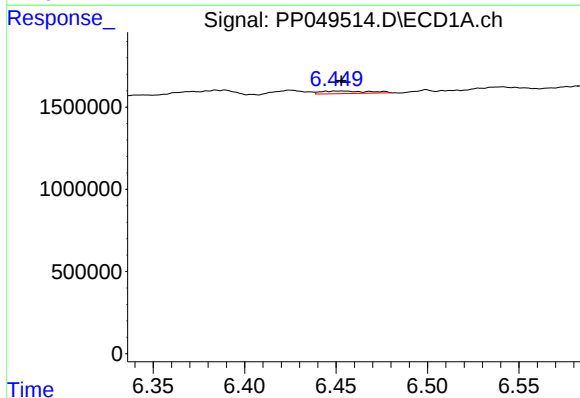
R.T.: 5.707 min
Delta R.T.: -0.007 min
Response: 298036
Conc: 9.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



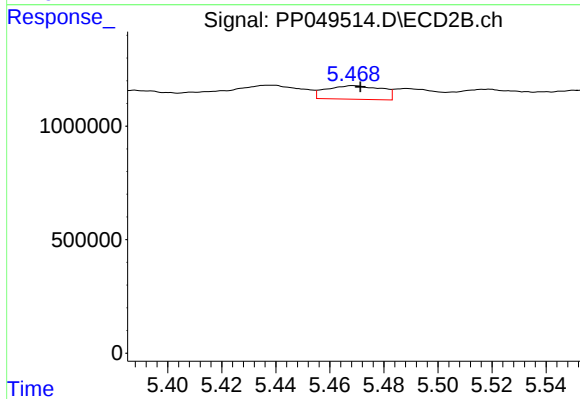
#19 AR-1242-4

R.T.: 4.974 min
Delta R.T.: 0.023 min
Response: 915160
Conc: 17.46 ng/ml



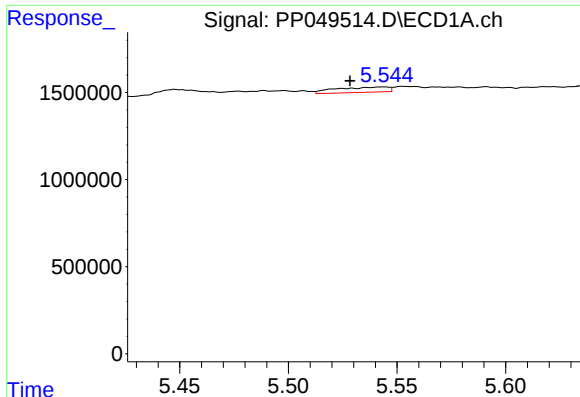
#20 AR-1242-5

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 284784
Conc: 8.28 ng/ml



#20 AR-1242-5

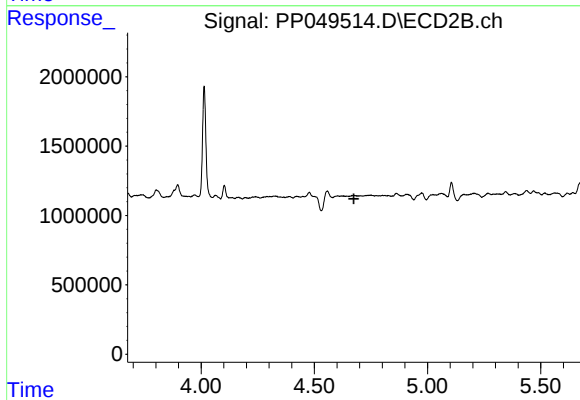
R.T.: 5.468 min
Delta R.T.: -0.003 min
Response: 856374
Conc: 13.47 ng/ml



#21 AR-1248-1

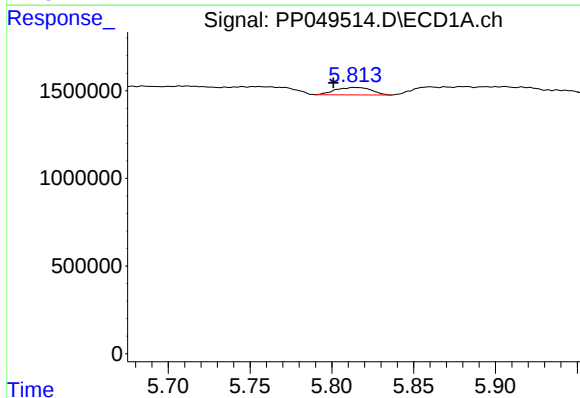
R.T.: 5.544 min
Delta R.T.: 0.015 min
Response: 507601
Conc: 14.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



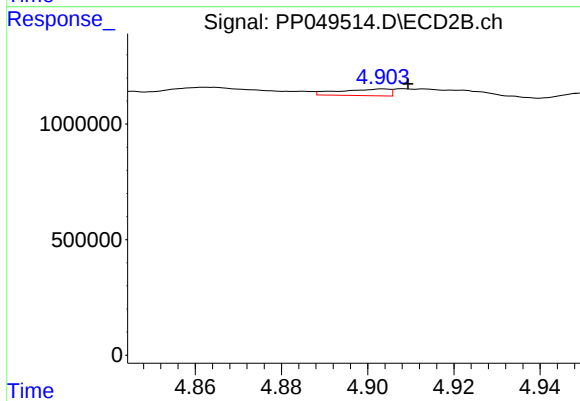
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



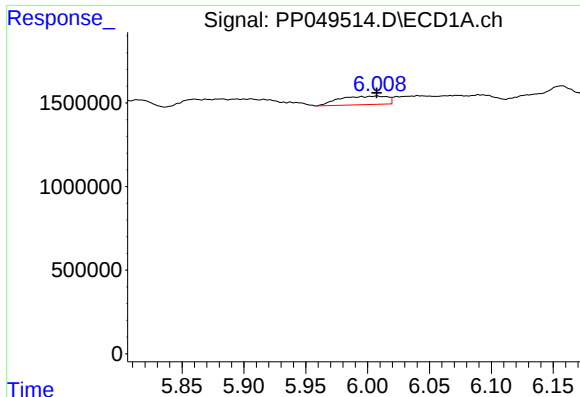
#22 AR-1248-2

R.T.: 5.814 min
Delta R.T.: 0.013 min
Response: 658783
Conc: 13.29 ng/ml



#22 AR-1248-2

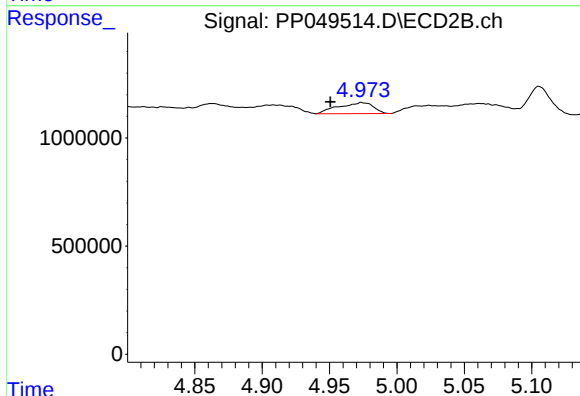
R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 234526
Conc: 3.15 ng/ml



#23 AR-1248-3

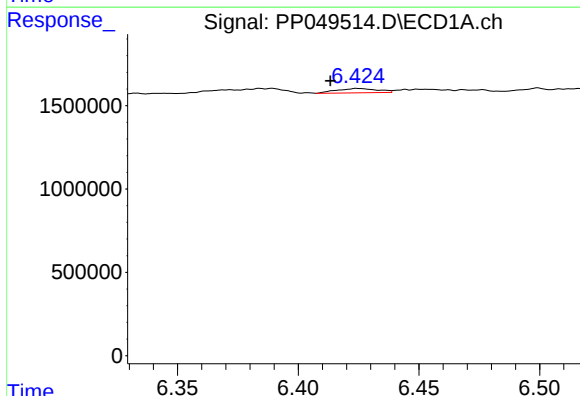
R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 1366975
Conc: 24.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



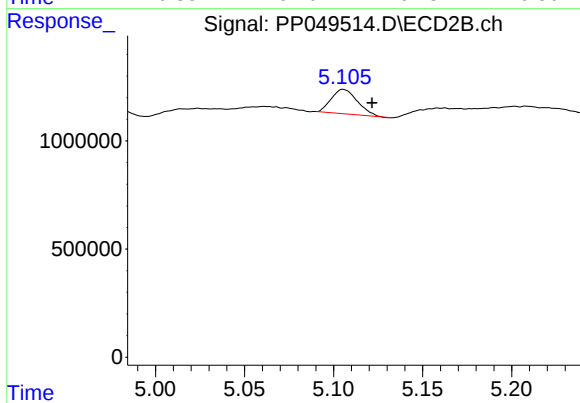
#23 AR-1248-3

R.T.: 4.974 min
Delta R.T.: 0.023 min
Response: 915160
Conc: 11.99 ng/ml



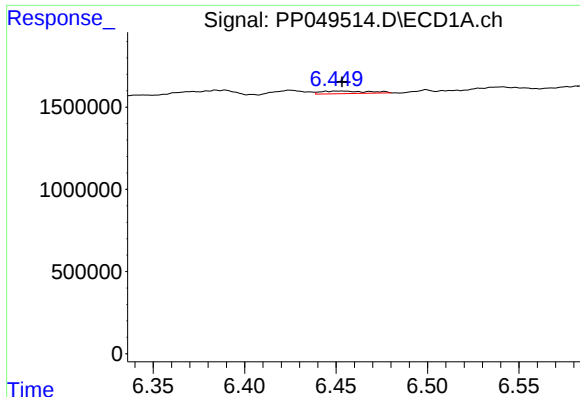
#24 AR-1248-4

R.T.: 6.425 min
Delta R.T.: 0.012 min
Response: 305829
Conc: 4.93 ng/ml



#24 AR-1248-4

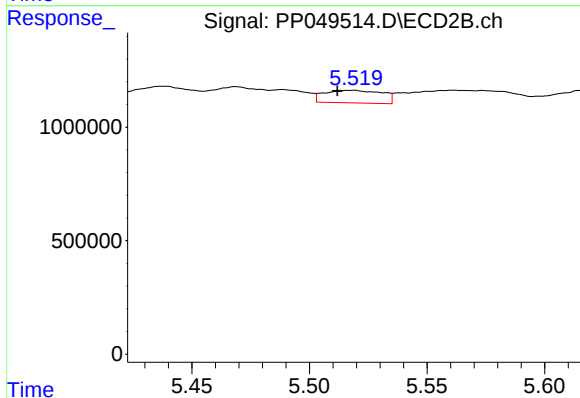
R.T.: 5.105 min
Delta R.T.: -0.016 min
Response: 1148552
Conc: 12.65 ng/ml



#25 AR-1248-5

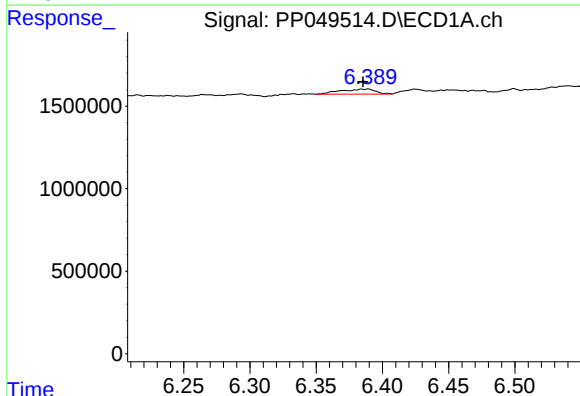
R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 284784
Conc: 4.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



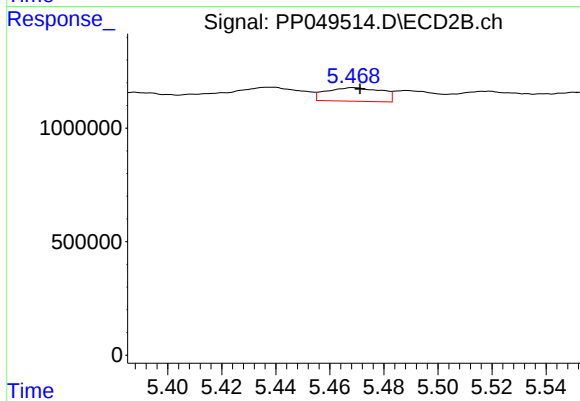
#25 AR-1248-5

R.T.: 5.519 min
Delta R.T.: 0.007 min
Response: 944764
Conc: 11.34 ng/ml



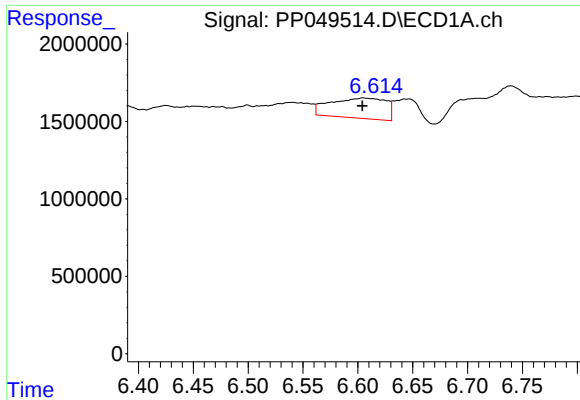
#26 AR-1254-1

R.T.: 6.389 min
Delta R.T.: 0.004 min
Response: 549396
Conc: 8.72 ng/ml



#26 AR-1254-1

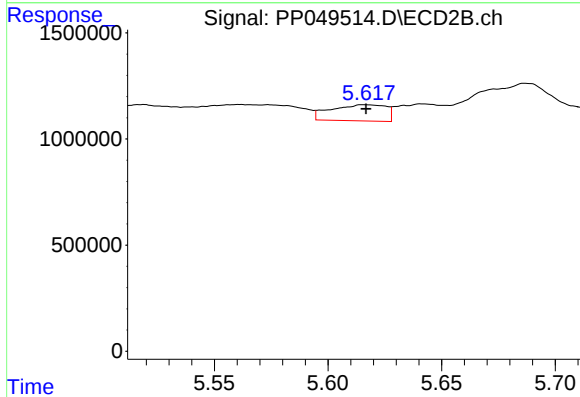
R.T.: 5.468 min
Delta R.T.: -0.003 min
Response: 856374
Conc: 6.75 ng/ml



#27 AR-1254-2

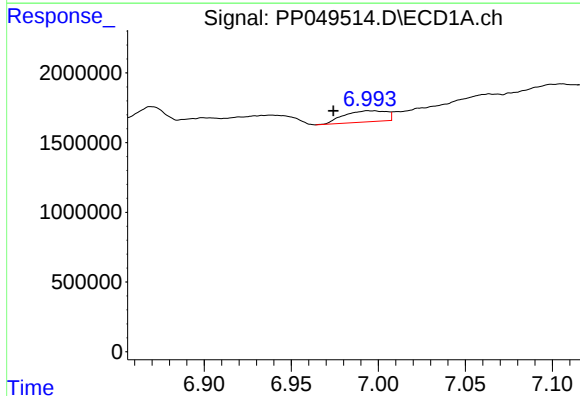
R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 4598751
Conc: 47.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



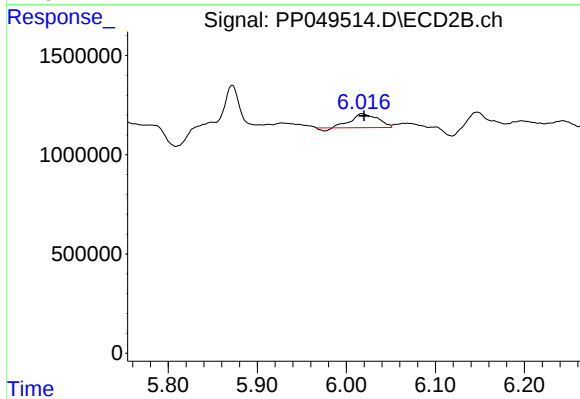
#27 AR-1254-2

R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 1287762
Conc: 11.65 ng/ml



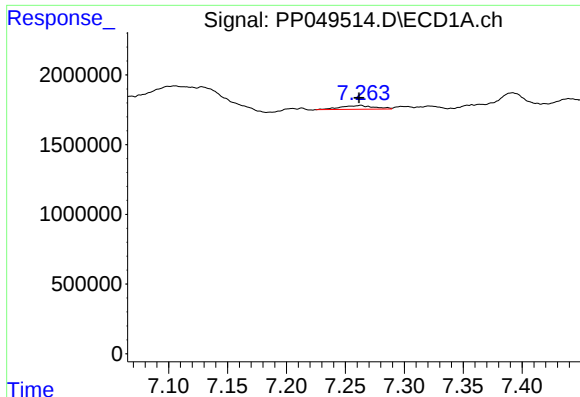
#28 AR-1254-3

R.T.: 6.995 min
Delta R.T.: 0.020 min
Response: 1340937
Conc: 12.98 ng/ml



#28 AR-1254-3

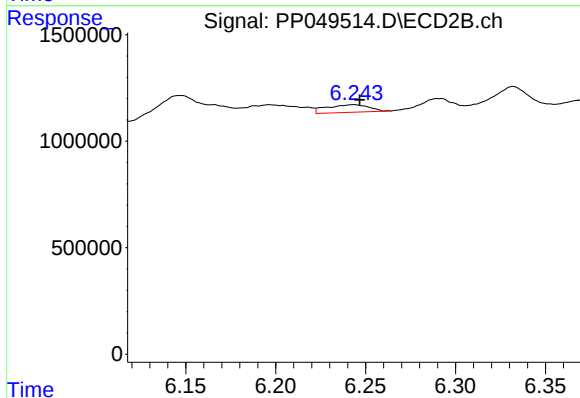
R.T.: 6.017 min
Delta R.T.: -0.003 min
Response: 1421285
Conc: 8.73 ng/ml



#29 AR-1254-4

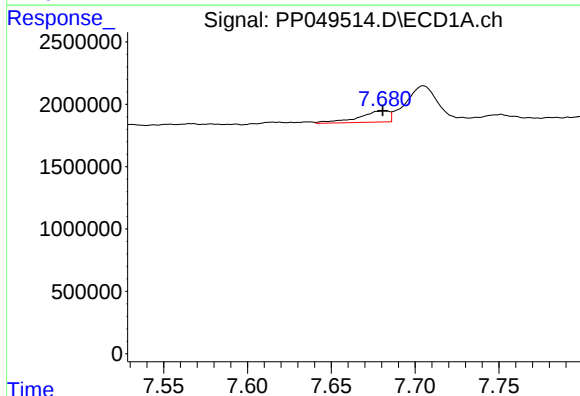
R.T.: 7.263 min
Delta R.T.: 0.001 min
Response: 553731
Conc: 6.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



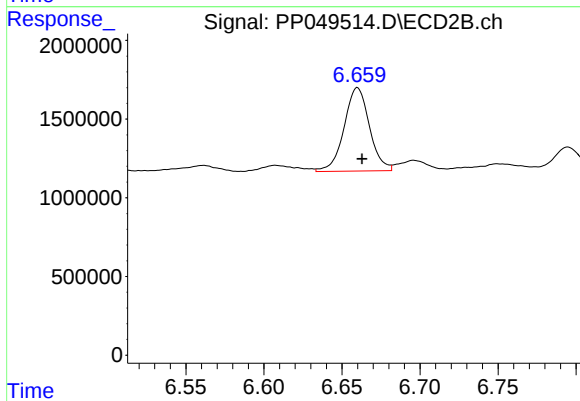
#29 AR-1254-4

R.T.: 6.244 min
Delta R.T.: -0.003 min
Response: 585226
Conc: 6.05 ng/ml



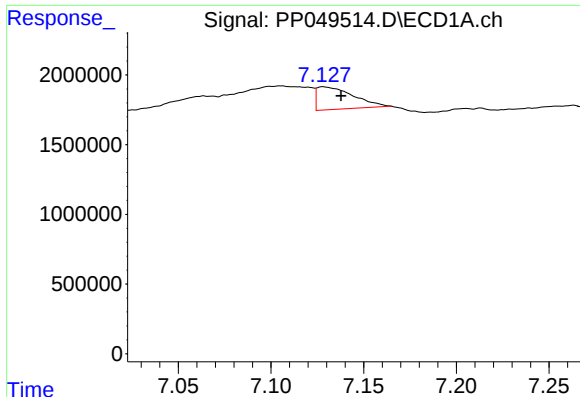
#30 AR-1254-5

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 1147051
Conc: 12.91 ng/ml



#30 AR-1254-5

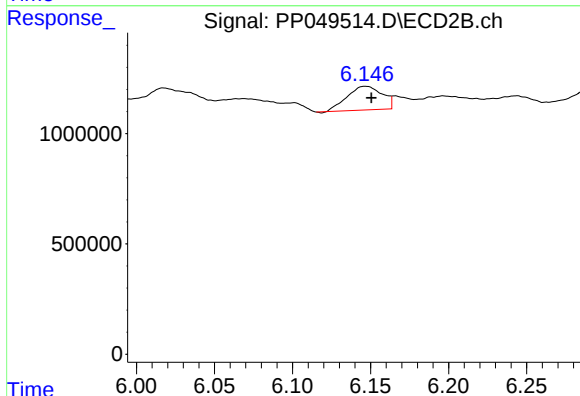
R.T.: 6.660 min
Delta R.T.: -0.003 min
Response: 5998365
Conc: 45.27 ng/ml



#31 AR-1260-1

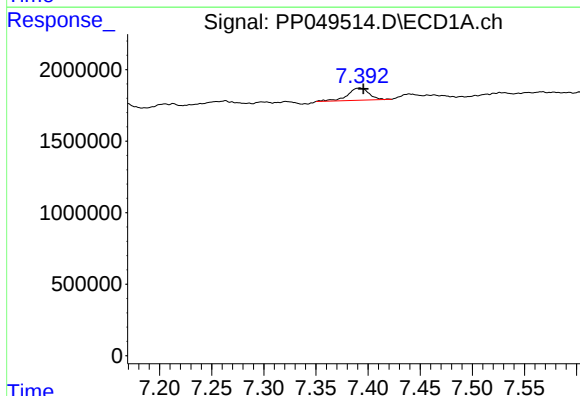
R.T.: 7.128 min
Delta R.T.: -0.009 min
Response: 2254069
Conc: 29.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



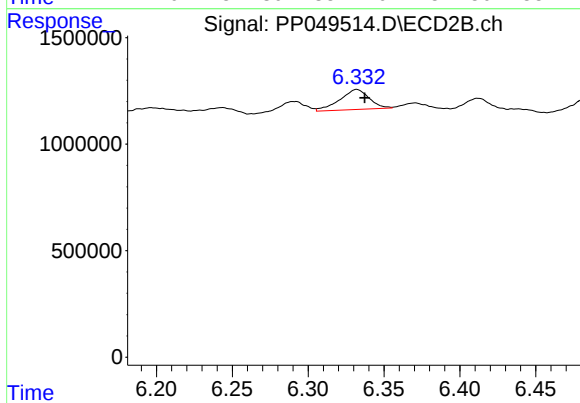
#31 AR-1260-1

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 1670502
Conc: 15.94 ng/ml



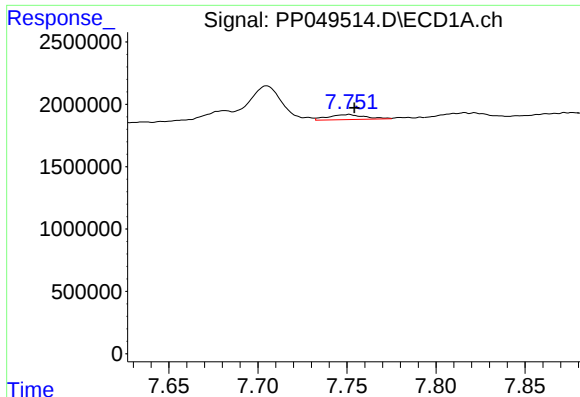
#32 AR-1260-2

R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 1238496
Conc: 13.08 ng/ml



#32 AR-1260-2

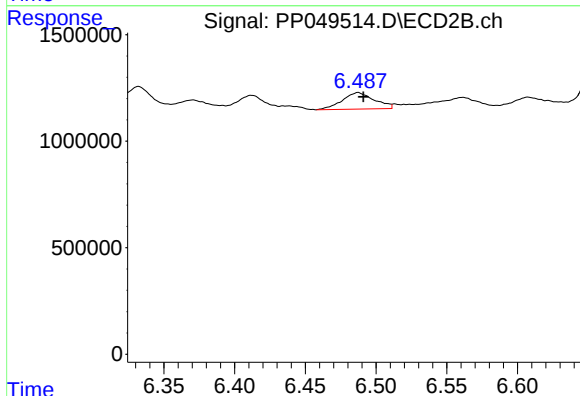
R.T.: 6.332 min
Delta R.T.: -0.005 min
Response: 1267481
Conc: 10.53 ng/ml



#33 AR-1260-3

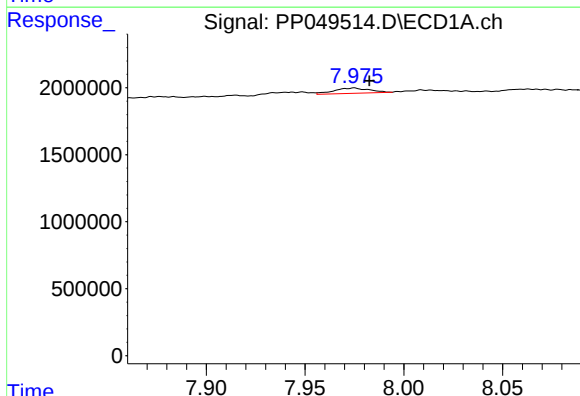
R.T.: 7.751 min
Delta R.T.: -0.003 min
Response: 568602
Conc: 9.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



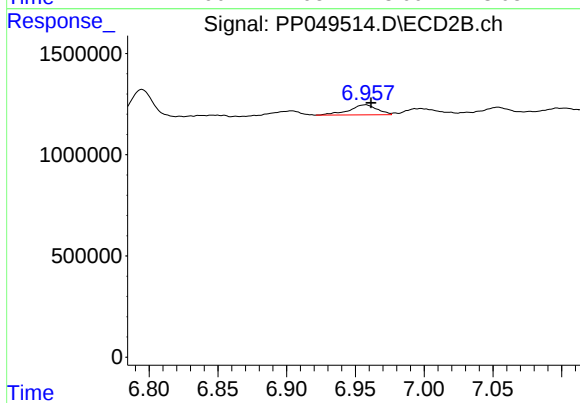
#33 AR-1260-3

R.T.: 6.487 min
Delta R.T.: -0.004 min
Response: 1234438
Conc: 10.91 ng/ml



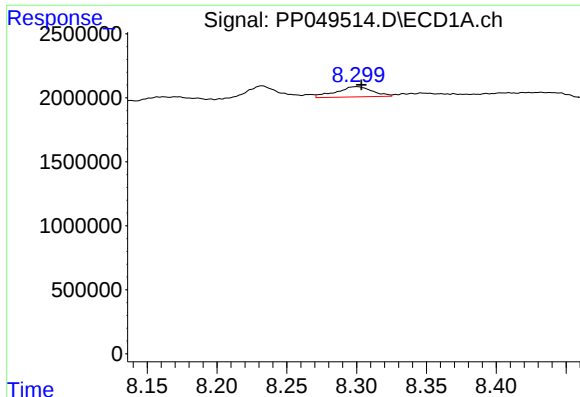
#34 AR-1260-4

R.T.: 7.975 min
Delta R.T.: -0.008 min
Response: 488813
Conc: 6.32 ng/ml



#34 AR-1260-4

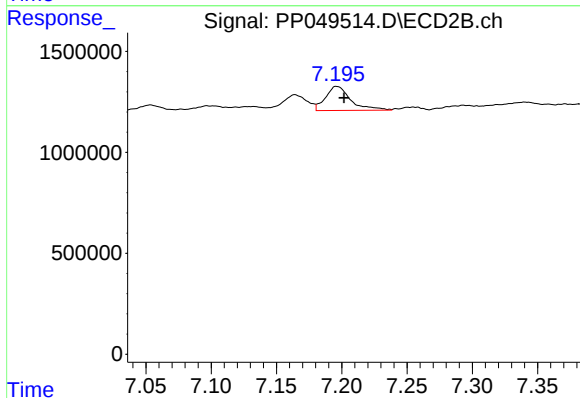
R.T.: 6.958 min
Delta R.T.: -0.004 min
Response: 702952
Conc: 9.19 ng/ml



#35 AR-1260-5

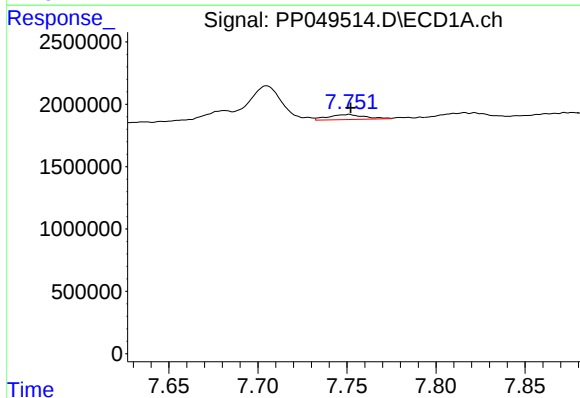
R.T.: 8.300 min
Delta R.T.: -0.003 min
Response: 1449385
Conc: 9.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



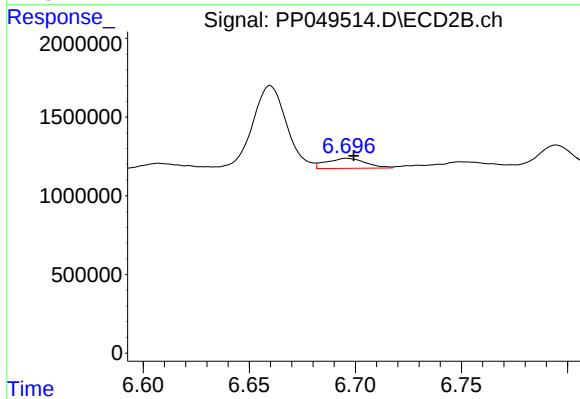
#35 AR-1260-5

R.T.: 7.196 min
Delta R.T.: -0.006 min
Response: 1597378
Conc: 9.34 ng/ml



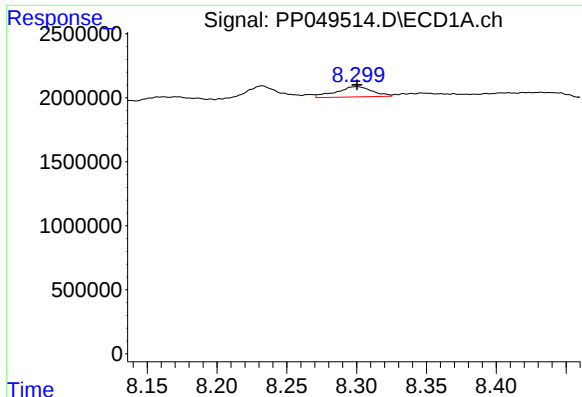
#36 AR-1262-1

R.T.: 7.751 min
Delta R.T.: -0.001 min
Response: 568602
Conc: 5.91 ng/ml



#36 AR-1262-1

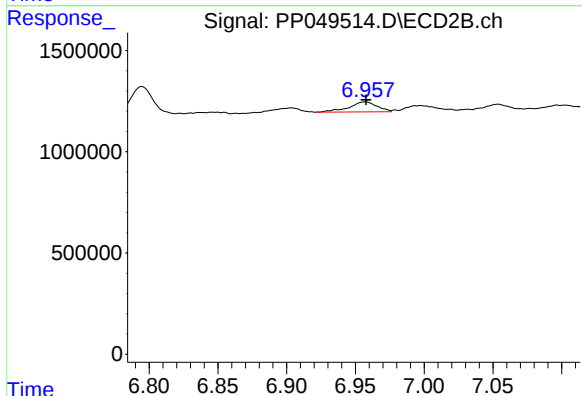
R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 828842
Conc: 6.99 ng/ml



#37 AR-1262-2

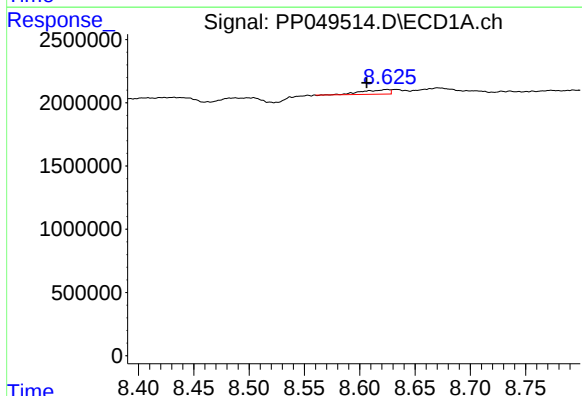
R.T.: 8.300 min
Delta R.T.: 0.000 min
Response: 1449385
Conc: 8.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



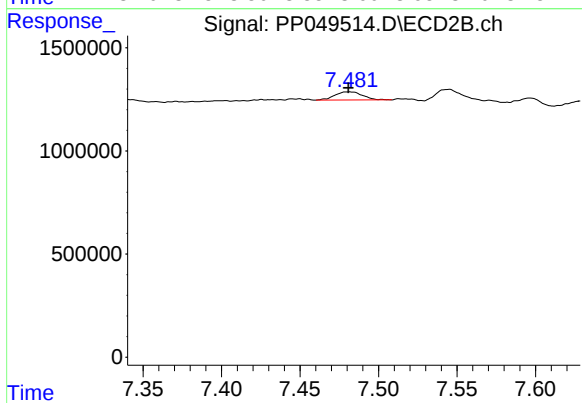
#37 AR-1262-2

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 702952
Conc: 6.96 ng/ml



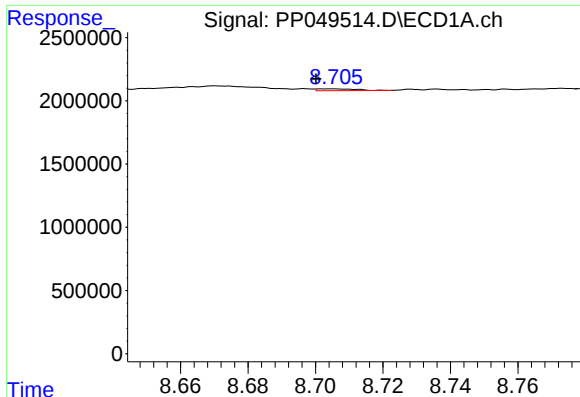
#38 AR-1262-3

R.T.: 8.625 min
Delta R.T.: 0.018 min
Response: 620918
Conc: 7.91 ng/ml



#38 AR-1262-3

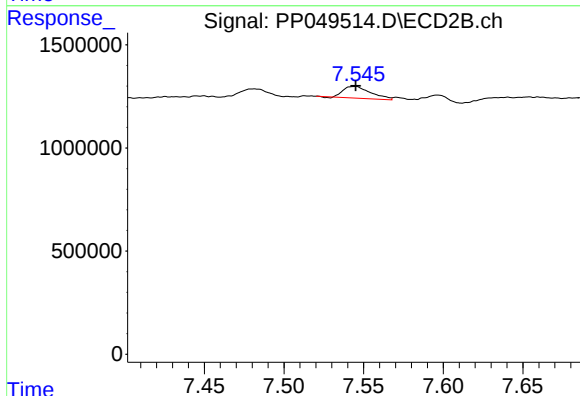
R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 482391
Conc: 7.45 ng/ml



#39 AR-1262-4

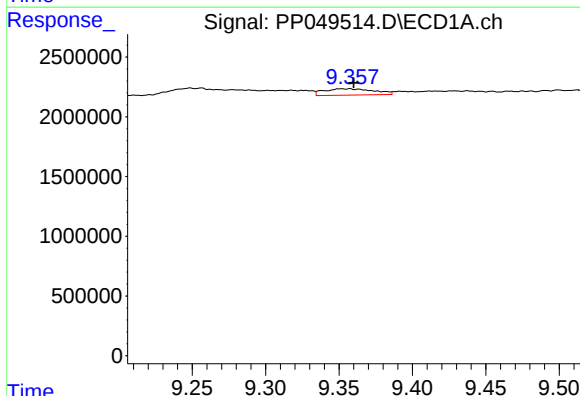
R.T.: 8.704 min
Delta R.T.: 0.004 min
Response: 112908
Conc: 2.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



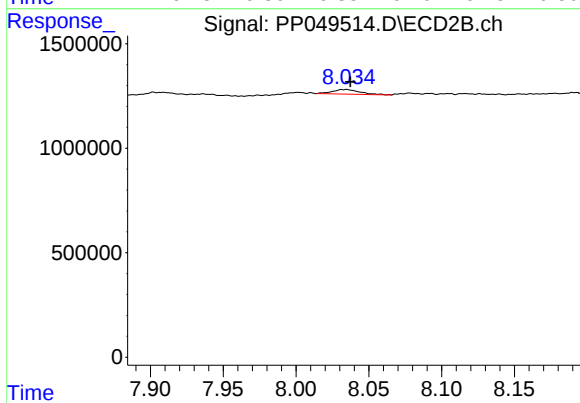
#39 AR-1262-4

R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 678804
Conc: 5.31 ng/ml



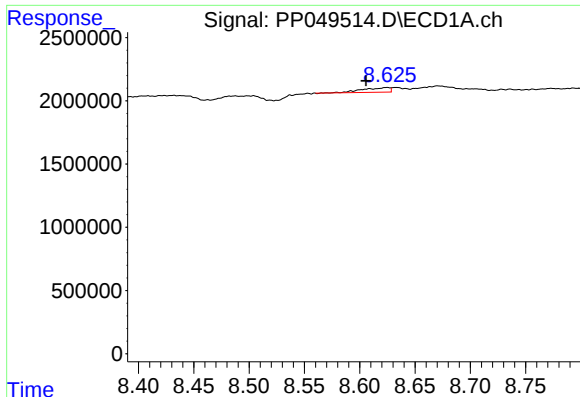
#40 AR-1262-5

R.T.: 9.357 min
Delta R.T.: -0.003 min
Response: 1266126
Conc: 18.17 ng/ml



#40 AR-1262-5

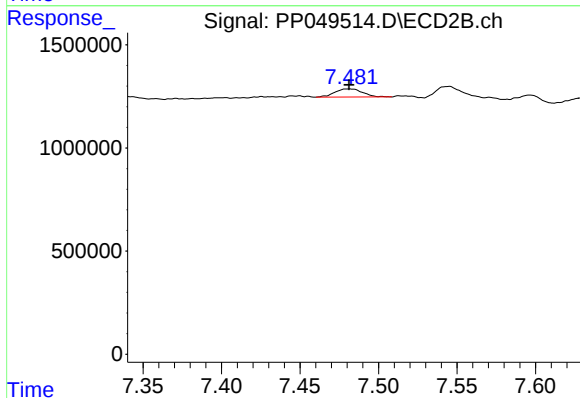
R.T.: 8.035 min
Delta R.T.: -0.002 min
Response: 287223
Conc: 5.23 ng/ml



#41 AR-1268-1

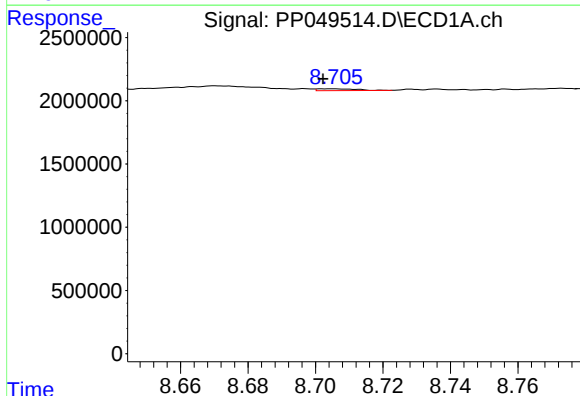
R.T.: 8.625 min
Delta R.T.: 0.019 min
Response: 620918
Conc: 3.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



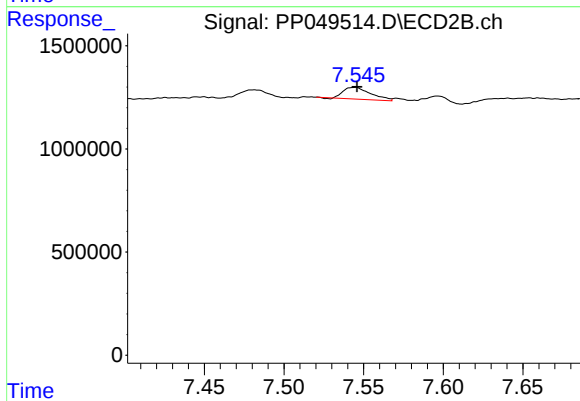
#41 AR-1268-1

R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 482391
Conc: 2.63 ng/ml



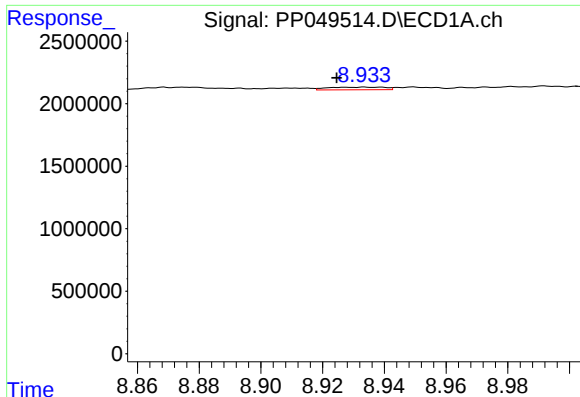
#42 AR-1268-2

R.T.: 8.704 min
Delta R.T.: 0.002 min
Response: 112908
Conc: 0.61 ng/ml



#42 AR-1268-2

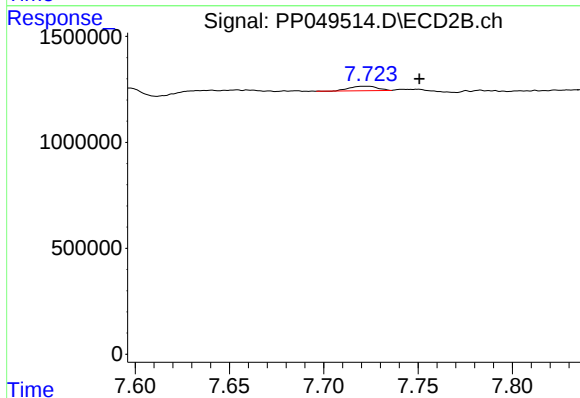
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 678804
Conc: 3.92 ng/ml



#43 AR-1268-3

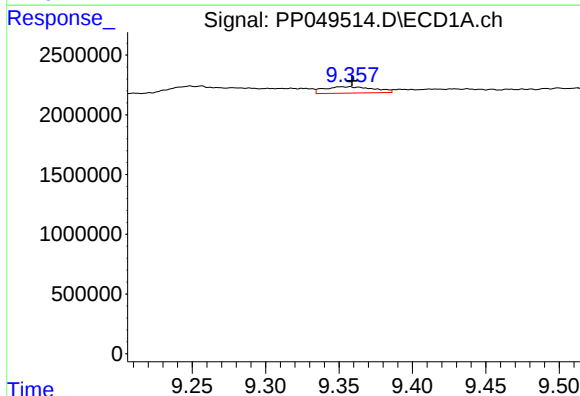
R.T.: 8.934 min
Delta R.T.: 0.009 min
Response: 271904
Conc: 1.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



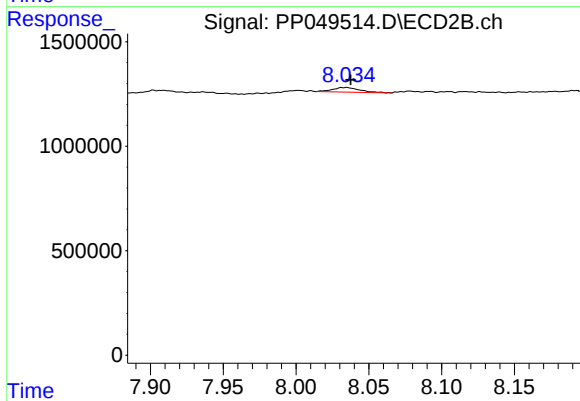
#43 AR-1268-3

R.T.: 7.721 min
Delta R.T.: -0.030 min
Response: 221815
Conc: 1.58 ng/ml



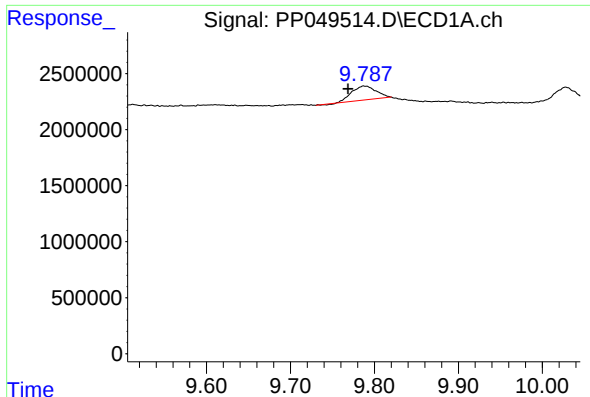
#44 AR-1268-4

R.T.: 9.357 min
Delta R.T.: -0.002 min
Response: 1266126
Conc: 16.91 ng/ml



#44 AR-1268-4

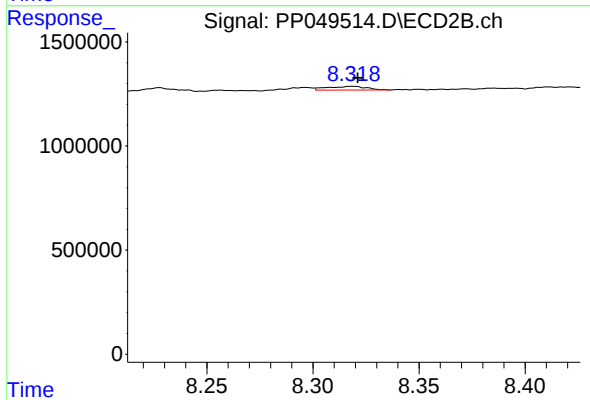
R.T.: 8.035 min
Delta R.T.: -0.003 min
Response: 287223
Conc: 4.75 ng/ml



#45 AR-1268-5

R.T.: 9.787 min
Delta R.T.: 0.019 min
Response: 2501789
Conc: 4.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.318 min
Delta R.T.: -0.003 min
Response: 225558
Conc: 0.55 ng/ml