

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081423\
 Data File : PP059343.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2023 17:43
 Operator : YP\AJ
 Sample : 03984-01
 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: Aug 15 00:08:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.415	3.645	25337390	41688529	20.649	20.575
2)	SA Decachlor...	10.204	8.678	19966662	45157861	26.161	32.099
Target Compounds							
3)	L1 AR-1016-1	5.589	4.736	568991	930739	14.482	14.512
4)	L1 AR-1016-2	5.613	4.757	1521241	1874983	26.836	20.641
5)	L1 AR-1016-3	5.682	4.937	215465	779957	6.006	16.233 #
6)	L1 AR-1016-4	5.772	4.975	-111739	693008	N.D.	16.783 #
7)	L1 AR-1016-5	6.069	5.188	689229	94131	22.774	1.809 #
8)	L2 AR-1221-1	4.622	3.868	6278864	914381	398.554	33.684 #
9)	L2 AR-1221-2	4.726	3.931f	3143464	8751827	266.194	439.574 #
10)	L2 AR-1221-3	4.803	4.018	3138131	4567490	89.118	76.721
11)	L3 AR-1232-1	4.803	4.018	3138131	4567490	106.752	96.262
12)	L3 AR-1232-2	5.331	4.757	659595	1874983	42.317	44.202
13)	L3 AR-1232-3	5.613	4.937	1521241	779957	57.610	35.153 #
14)	L3 AR-1232-4	5.772	5.014	-111739	2103345	N.D.	99.617 #
15)	L3 AR-1232-5	5.864	5.188	831038	94131	72.805	4.106 #
16)	L4 AR-1242-1	5.589	4.736	568991	930739	16.622	16.631
17)	L4 AR-1242-2	5.613	4.757	1521241	1874983	31.001	23.515
18)	L4 AR-1242-3	5.682	4.937	215465	779957	6.858	18.301 #
19)	L4 AR-1242-4	5.772	5.014	-111739	2103345	N.D.	48.169 #
20)	L4 AR-1242-5	6.517	5.544	690289	1463368	26.720	29.460
21)	L5 AR-1248-1	5.589	4.736	568991	930739	22.419	22.625
22)	L5 AR-1248-2	5.864	4.975	831038	693008	21.471	11.508 #
23)	L5 AR-1248-3	6.069	5.014	689229	2103345	16.315	34.140 #
24)	L5 AR-1248-4	6.475	5.188	1275659	94131	30.639	1.307 #
25)	L5 AR-1248-5	6.517	5.589	690289	442026	16.922	6.699 #
26)	L6 AR-1254-1	6.453	5.544	1157251	1463368	24.773	14.444 #
27)	L6 AR-1254-2	6.673	5.695	908628	371772	13.205	4.211 #
28)	L6 AR-1254-3	7.038	6.100	1459855	304458	21.151	2.202 #
29)	L6 AR-1254-4	7.329	6.336	49921	86868	1.109	1.081
30)	L6 AR-1254-5	7.749	6.744	497439	1143123	10.587	9.559
31)	L7 AR-1260-1	7.201	6.228	922547	657914	16.863	6.643 #
32)	L7 AR-1260-2	7.464	6.421	584438	1014029	9.816	8.764
33)	L7 AR-1260-3	7.820	6.574	166141	1376545	4.222	12.375 #
34)	L7 AR-1260-4	8.067	7.041	208346	992986	4.691	11.454 #
35)	L7 AR-1260-5	8.367	7.287	583027	1065676	7.291	5.782
36)	L8 AR-1262-1	7.820	6.832	166141	432883	2.609	7.524 #
37)	L8 AR-1262-2	8.367	7.041	583027	992986	6.349	8.415 #
38)	L8 AR-1262-3	8.713f	7.574	592016	165181	9.200	1.941 #
39)	L8 AR-1262-4	8.778	7.633	740485	1141882	22.299	7.559 #
40)	L8 AR-1262-5	9.443	8.134	116042	472274	3.889	7.405 #
41)	L9 AR-1268-1	8.713f	7.574	592016	165181	5.213	0.677 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081423\
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 QLast Update : Wed Aug 09 02:30:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

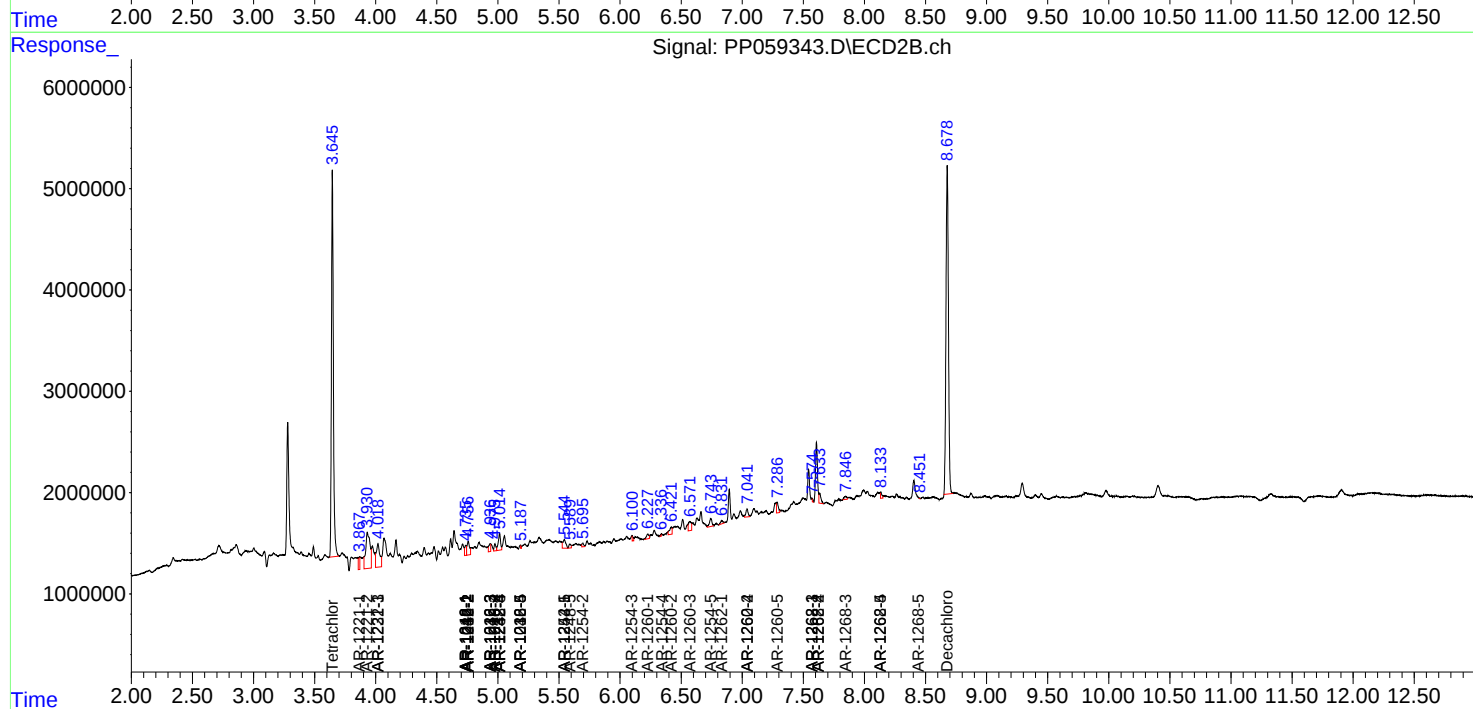
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

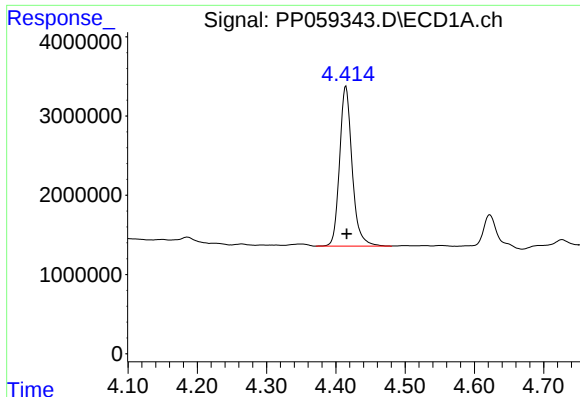
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.778	7.633	740485	1141882	7.524	5.214 #
43) L9	AR-1268-3	9.013	7.847	324510	466961	3.500	2.388 #
44) L9	AR-1268-4	9.443	8.134	116042	472274	3.638	6.787 #
45) L9	AR-1268-5	9.861	8.450f	576111	16570	2.122	0.032 #

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

Instrument :
ECD_P
ClientSampleId :

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

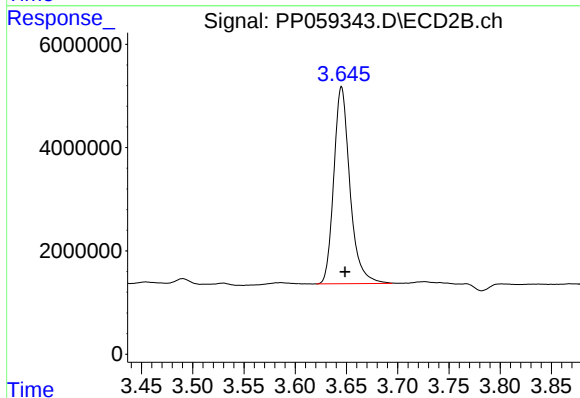




#1 Tetrachloro-m-xylene

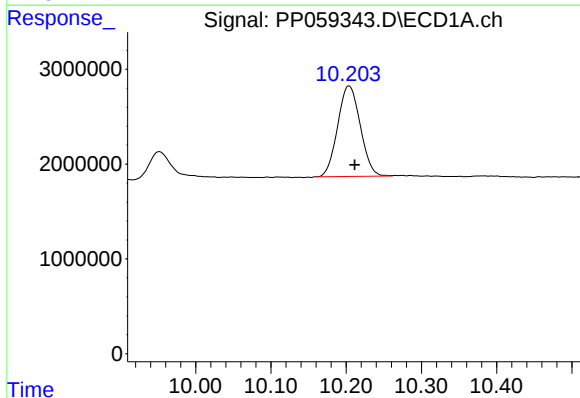
R.T.: 4.415 min
Delta R.T.: -0.001 min
Response: 25337390
Conc: 20.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



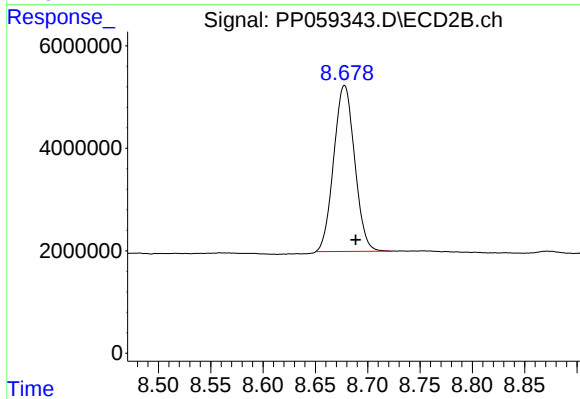
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.004 min
Response: 41688529
Conc: 20.58 ng/ml



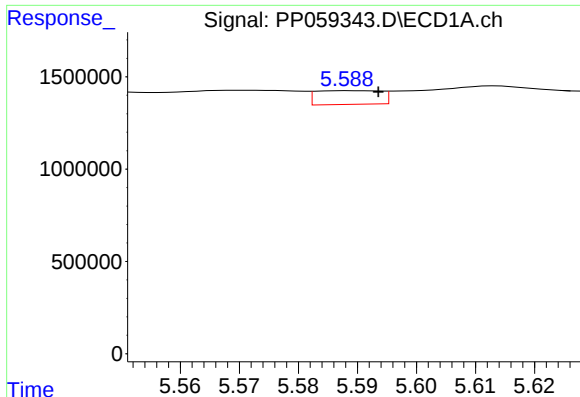
#2 Decachlorobiphenyl

R.T.: 10.204 min
Delta R.T.: -0.008 min
Response: 19966662
Conc: 26.16 ng/ml



#2 Decachlorobiphenyl

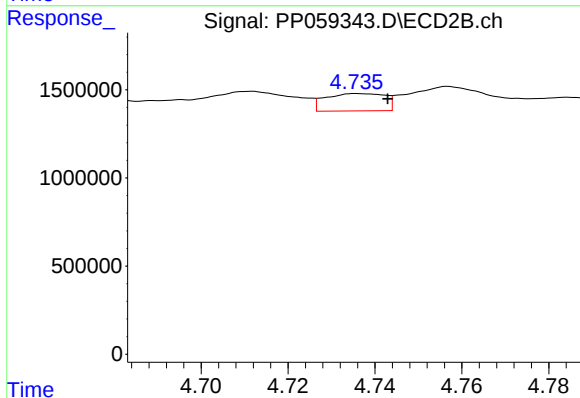
R.T.: 8.678 min
Delta R.T.: -0.011 min
Response: 45157861
Conc: 32.10 ng/ml



#3 AR-1016-1

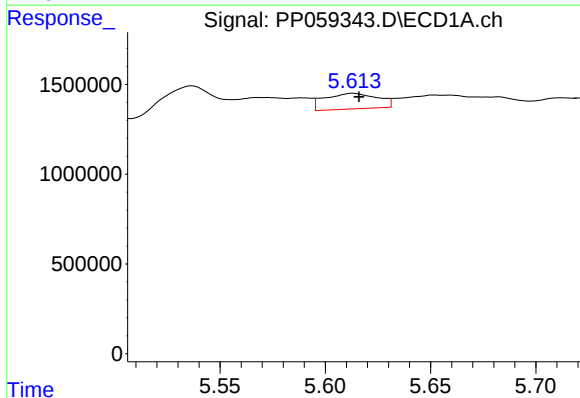
R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 568991
Conc: 14.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



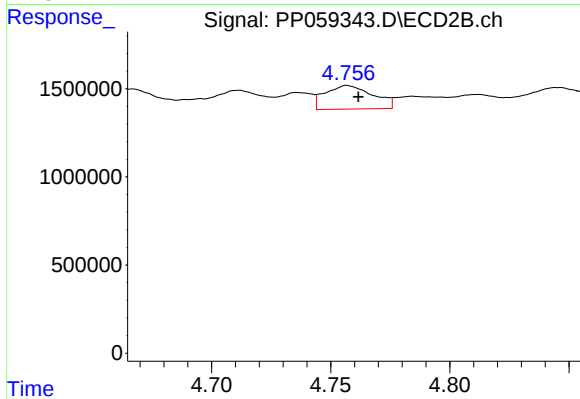
#3 AR-1016-1

R.T.: 4.736 min
Delta R.T.: -0.007 min
Response: 930739
Conc: 14.51 ng/ml



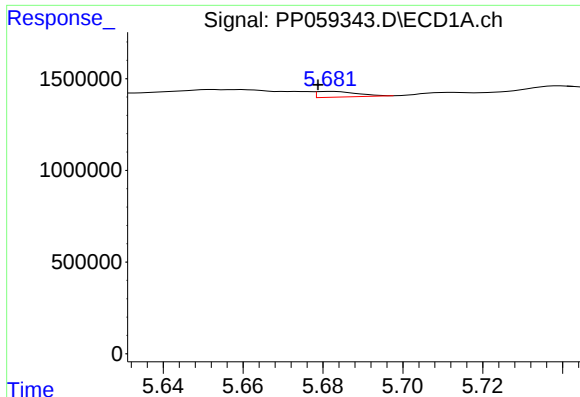
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 1521241
Conc: 26.84 ng/ml



#4 AR-1016-2

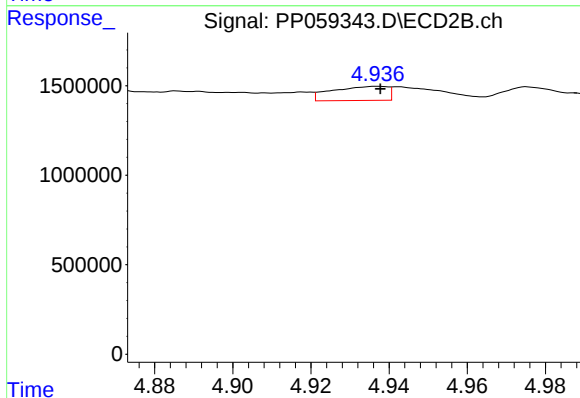
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 1874983
Conc: 20.64 ng/ml



#5 AR-1016-3

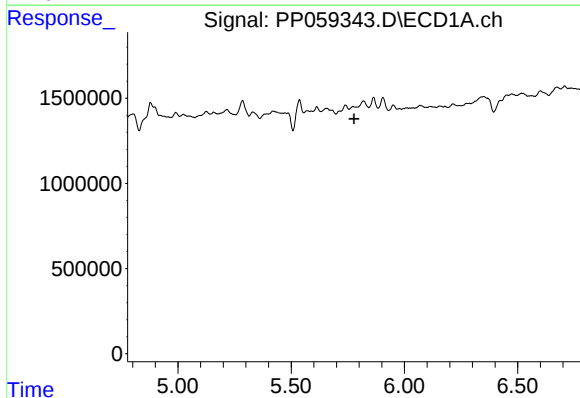
R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 215465
Conc: 6.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



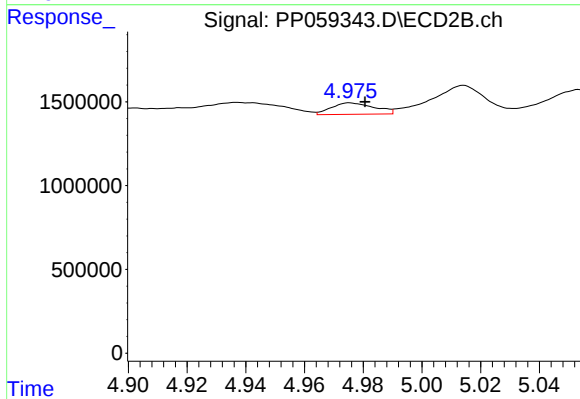
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 779957
Conc: 16.23 ng/ml



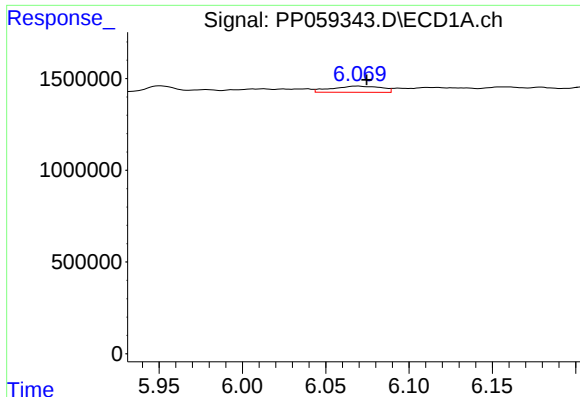
#6 AR-1016-4

R.T.: 5.772 min
Delta R.T.: -0.005 min
Response: -111739
Conc: N.D.



#6 AR-1016-4

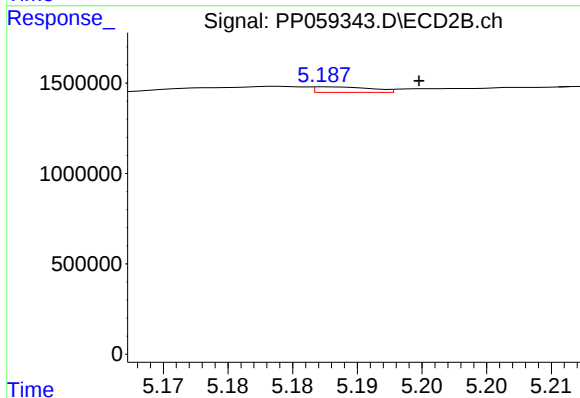
R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 693008
Conc: 16.78 ng/ml



#7 AR-1016-5

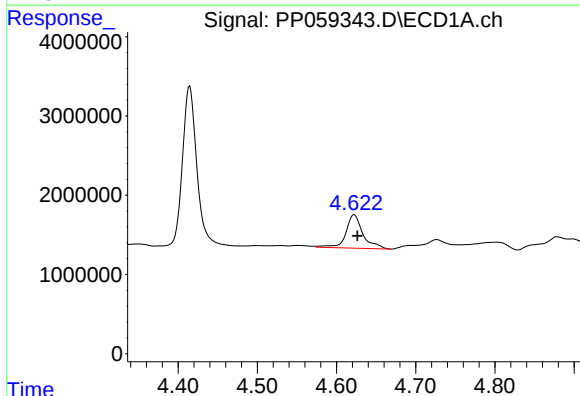
R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 689229
Conc: 22.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



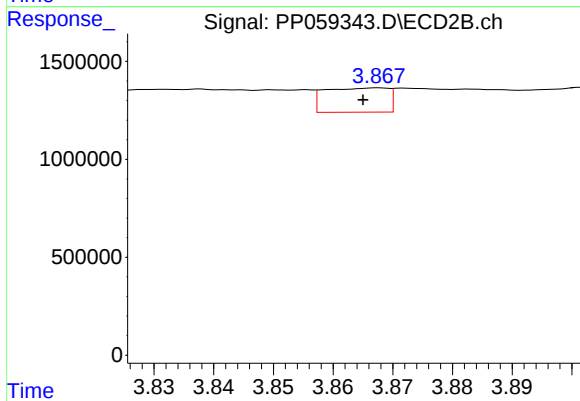
#7 AR-1016-5

R.T.: 5.188 min
Delta R.T.: -0.007 min
Response: 94131
Conc: 1.81 ng/ml



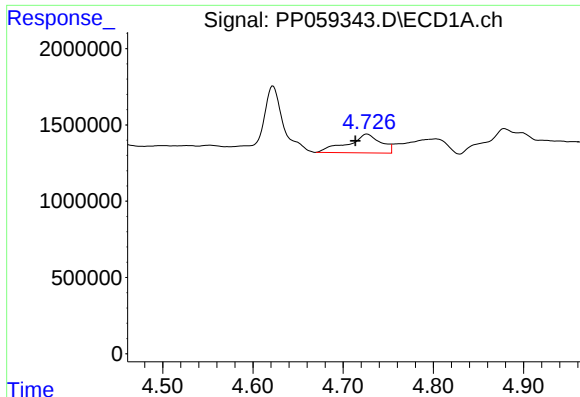
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 6278864
Conc: 398.55 ng/ml



#8 AR-1221-1

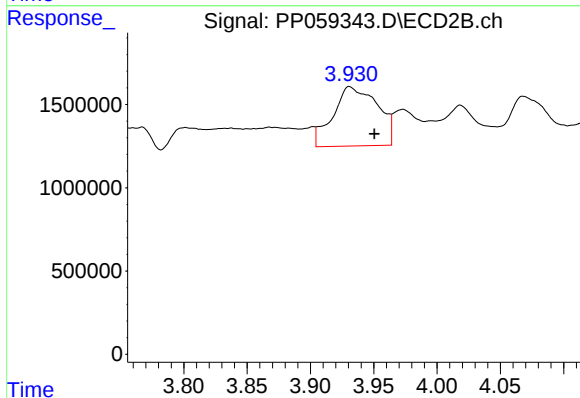
R.T.: 3.868 min
Delta R.T.: 0.003 min
Response: 914381
Conc: 33.68 ng/ml



#9 AR-1221-2

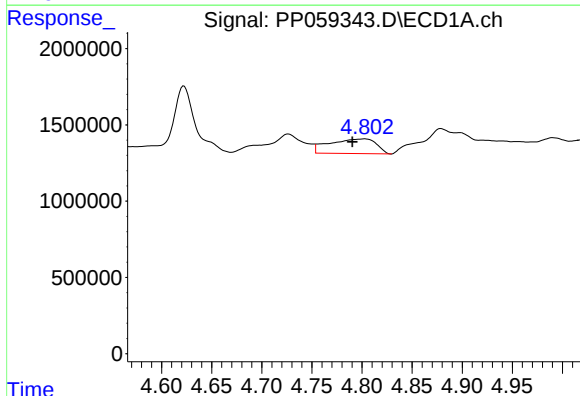
R.T.: 4.726 min
Delta R.T.: 0.013 min
Response: 3143464
Conc: 266.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



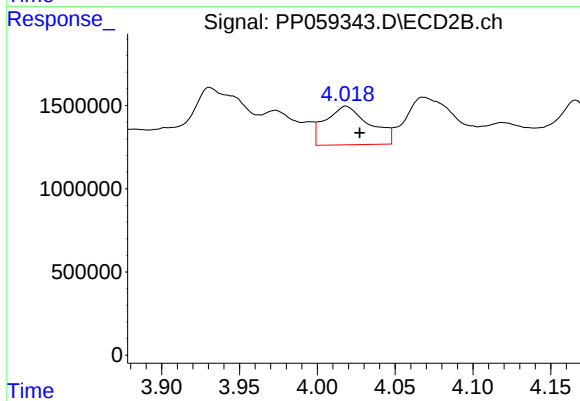
#9 AR-1221-2

R.T.: 3.931 min
Delta R.T.: -0.020 min
Response: 8751827
Conc: 439.57 ng/ml



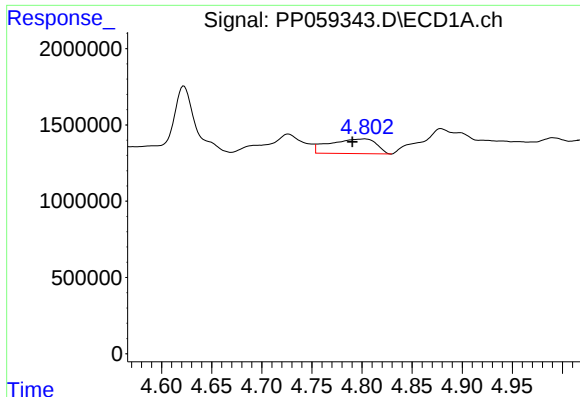
#10 AR-1221-3

R.T.: 4.803 min
Delta R.T.: 0.012 min
Response: 3138131
Conc: 89.12 ng/ml



#10 AR-1221-3

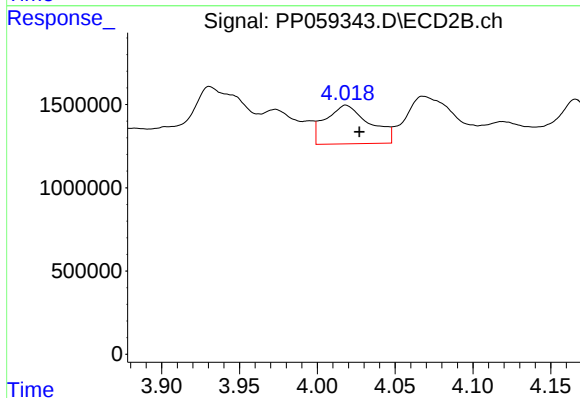
R.T.: 4.018 min
Delta R.T.: -0.009 min
Response: 4567490
Conc: 76.72 ng/ml



#11 AR-1232-1

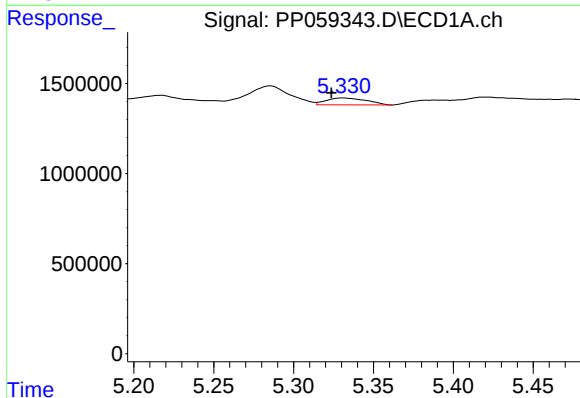
R.T.: 4.803 min
Delta R.T.: 0.012 min
Response: 3138131
Conc: 106.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



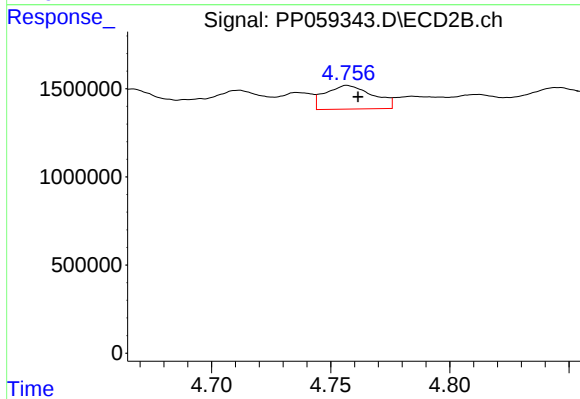
#11 AR-1232-1

R.T.: 4.018 min
Delta R.T.: -0.009 min
Response: 4567490
Conc: 96.26 ng/ml



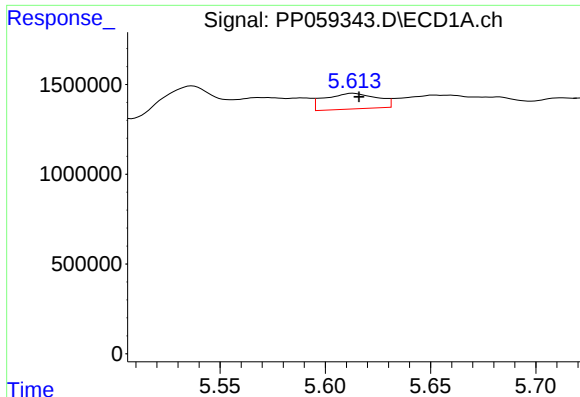
#12 AR-1232-2

R.T.: 5.331 min
Delta R.T.: 0.007 min
Response: 659595
Conc: 42.32 ng/ml



#12 AR-1232-2

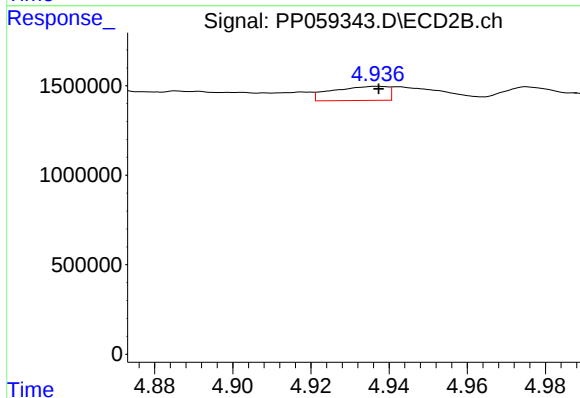
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 1874983
Conc: 44.20 ng/ml



#13 AR-1232-3

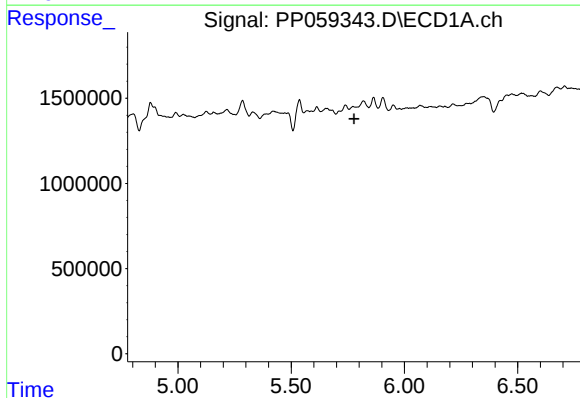
R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 1521241
Conc: 57.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



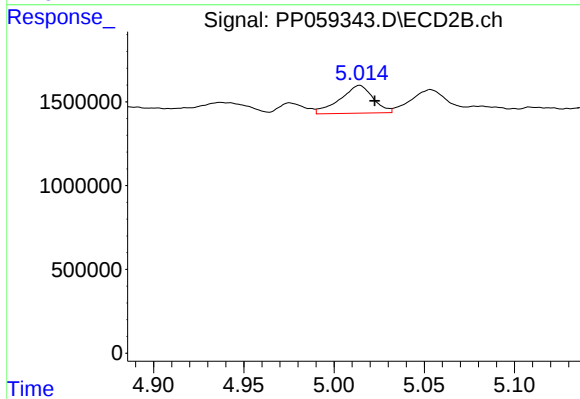
#13 AR-1232-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 779957
Conc: 35.15 ng/ml



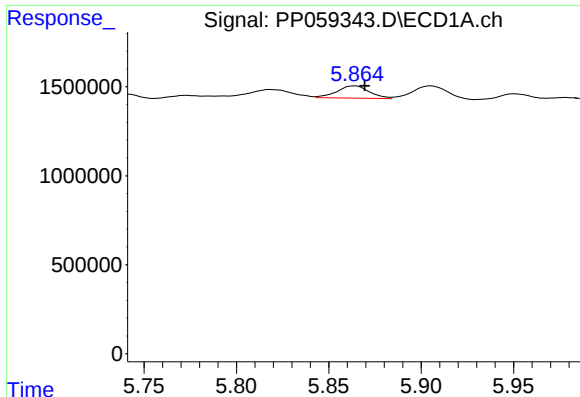
#14 AR-1232-4

R.T.: 5.772 min
Delta R.T.: -0.005 min
Response: -111739
Conc: N.D.



#14 AR-1232-4

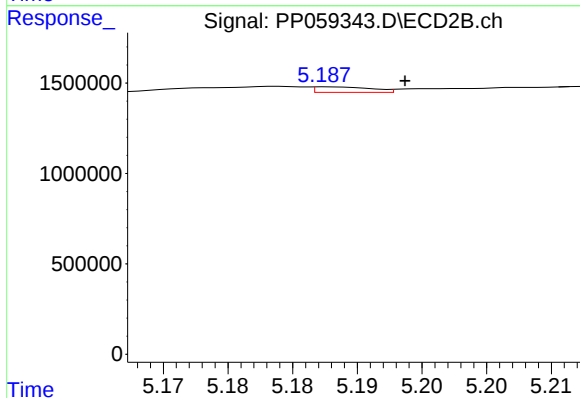
R.T.: 5.014 min
Delta R.T.: -0.008 min
Response: 2103345
Conc: 99.62 ng/ml



#15 AR-1232-5

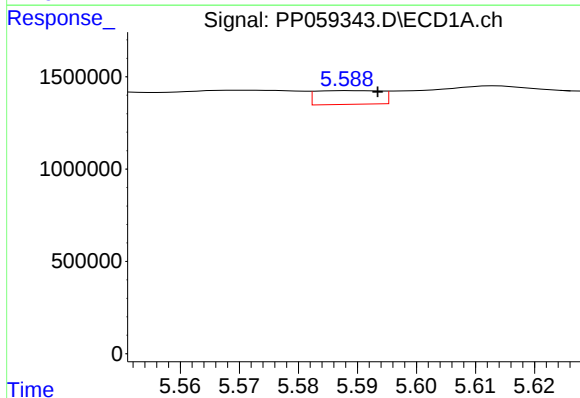
R.T.: 5.864 min
Delta R.T.: -0.005 min
Response: 831038
Conc: 72.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



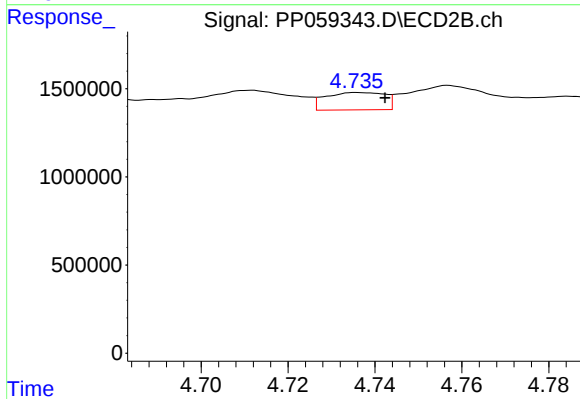
#15 AR-1232-5

R.T.: 5.188 min
Delta R.T.: -0.006 min
Response: 94131
Conc: 4.11 ng/ml



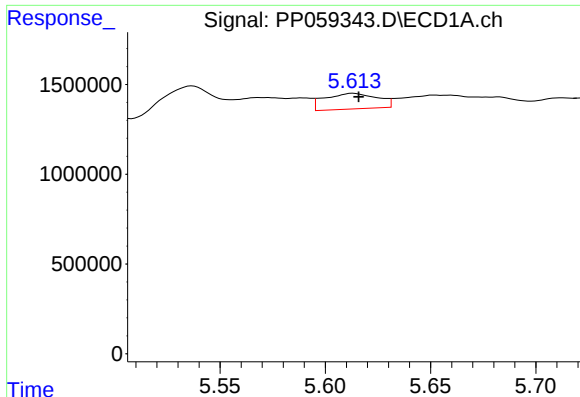
#16 AR-1242-1

R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 568991
Conc: 16.62 ng/ml



#16 AR-1242-1

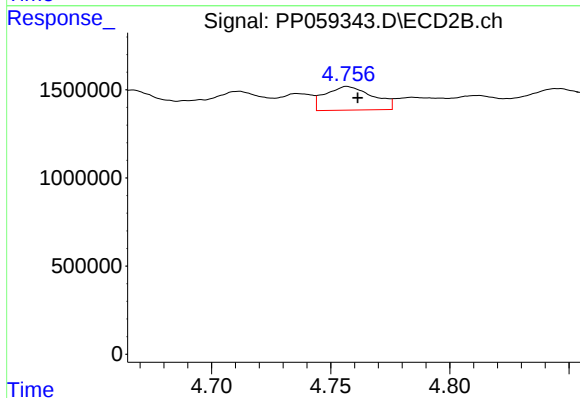
R.T.: 4.736 min
Delta R.T.: -0.007 min
Response: 930739
Conc: 16.63 ng/ml



#17 AR-1242-2

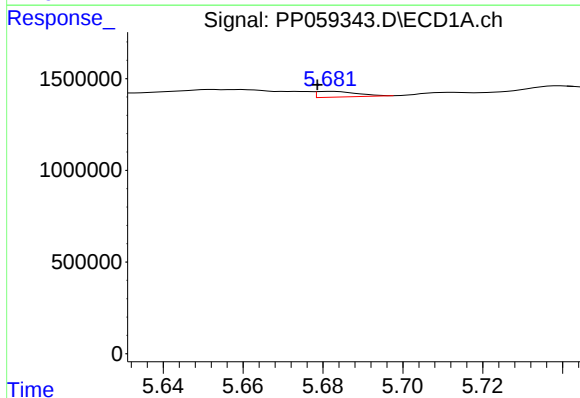
R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 1521241
Conc: 31.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



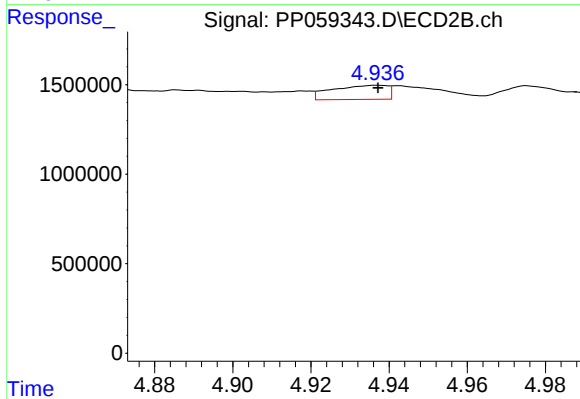
#17 AR-1242-2

R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 1874983
Conc: 23.51 ng/ml



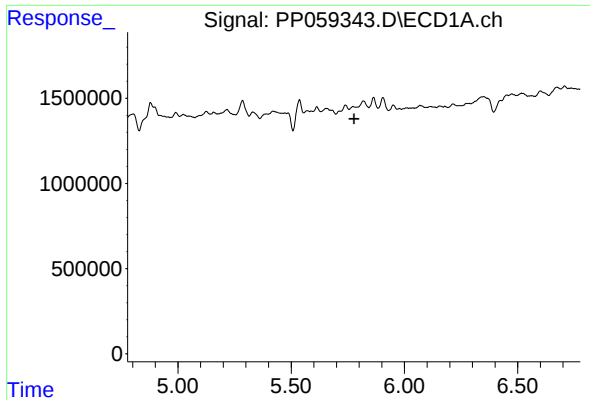
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.004 min
Response: 215465
Conc: 6.86 ng/ml



#18 AR-1242-3

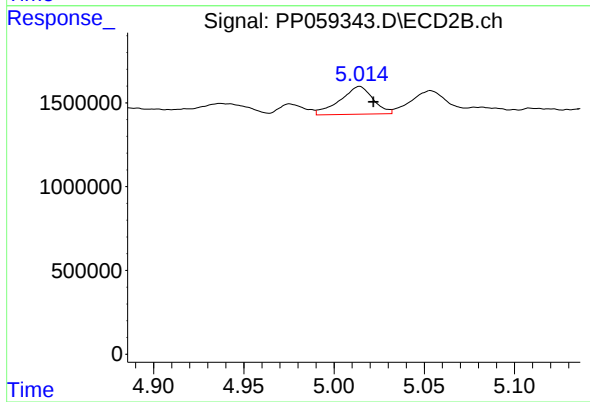
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 779957
Conc: 18.30 ng/ml



#19 AR-1242-4

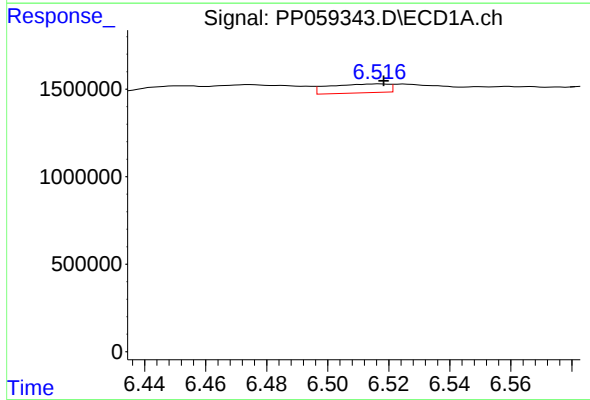
R.T.: 5.772 min
Delta R.T.: -0.005 min
Response: -111739
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



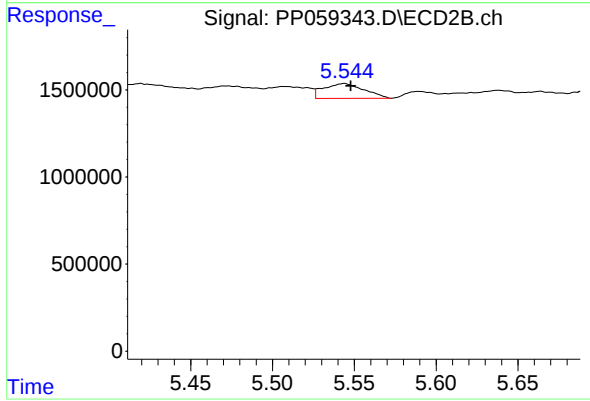
#19 AR-1242-4

R.T.: 5.014 min
Delta R.T.: -0.007 min
Response: 2103345
Conc: 48.17 ng/ml



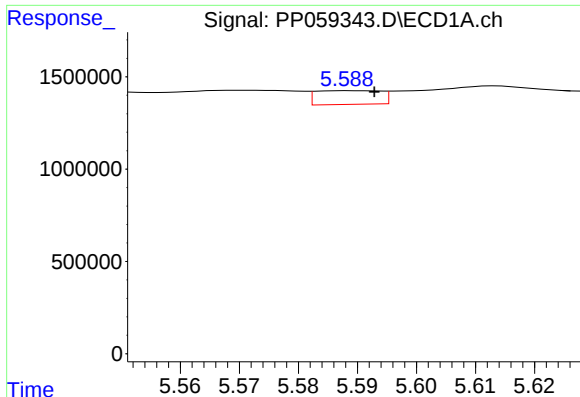
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 690289
Conc: 26.72 ng/ml



#20 AR-1242-5

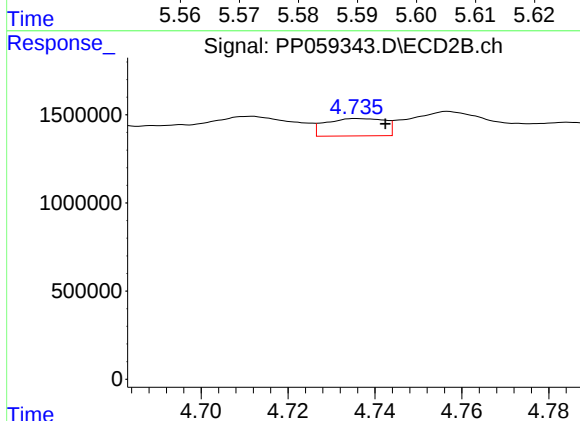
R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 1463368
Conc: 29.46 ng/ml



#21 AR-1248-1

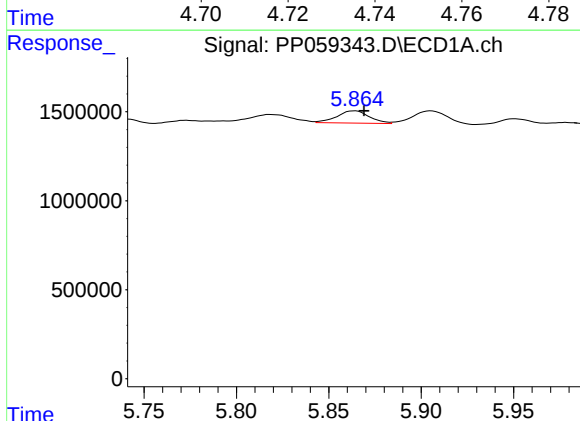
R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 568991
Conc: 22.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



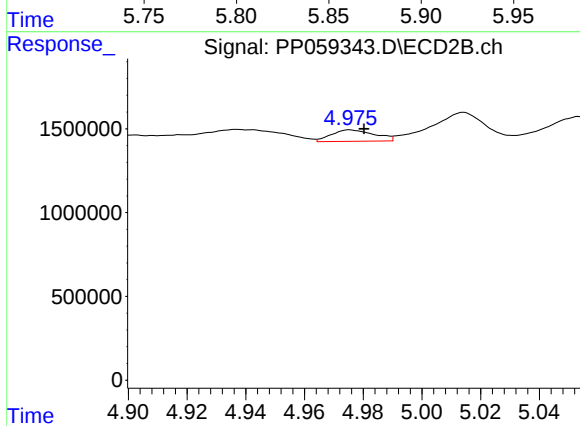
#21 AR-1248-1

R.T.: 4.736 min
Delta R.T.: -0.007 min
Response: 930739
Conc: 22.62 ng/ml



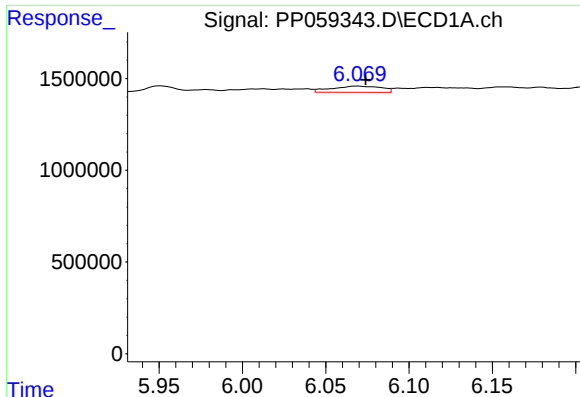
#22 AR-1248-2

R.T.: 5.864 min
Delta R.T.: -0.005 min
Response: 831038
Conc: 21.47 ng/ml



#22 AR-1248-2

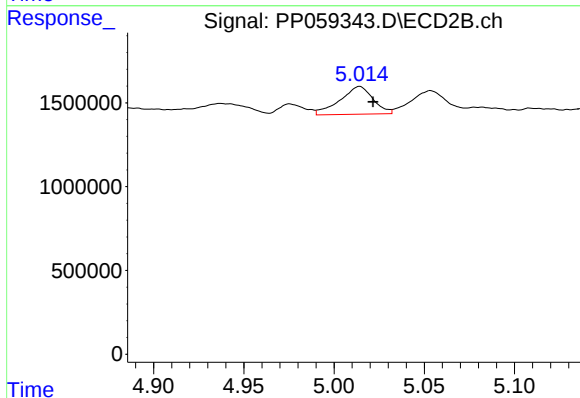
R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 693008
Conc: 11.51 ng/ml



#23 AR-1248-3

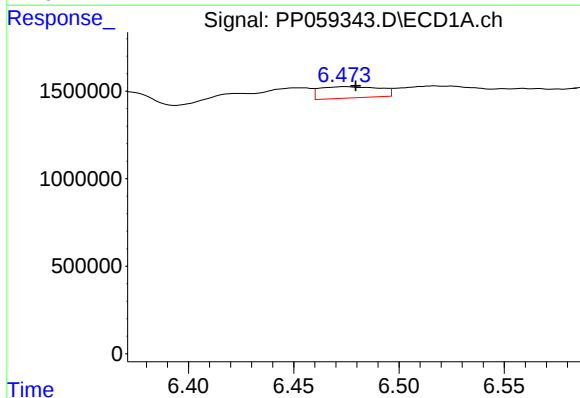
R.T.: 6.069 min
Delta R.T.: -0.005 min
Response: 689229
Conc: 16.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



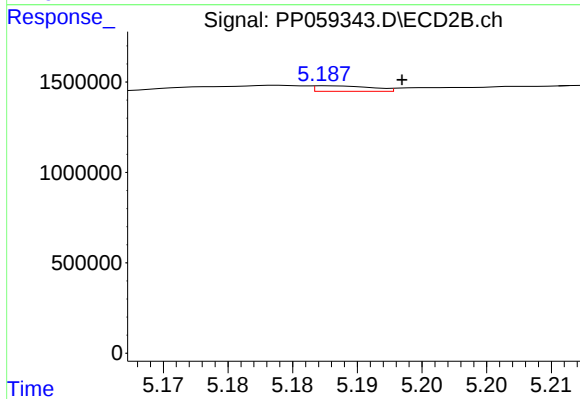
#23 AR-1248-3

R.T.: 5.014 min
Delta R.T.: -0.007 min
Response: 2103345
Conc: 34.14 ng/ml



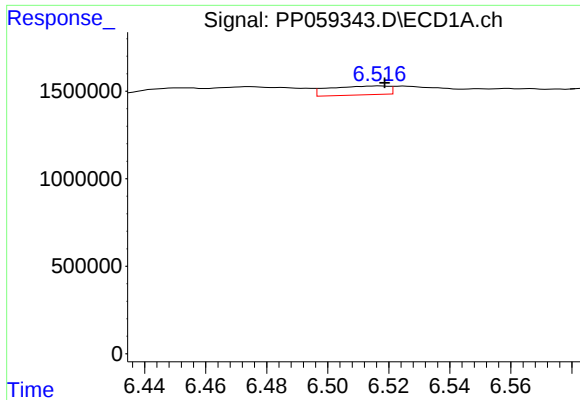
#24 AR-1248-4

R.T.: 6.475 min
Delta R.T.: -0.005 min
Response: 1275659
Conc: 30.64 ng/ml



#24 AR-1248-4

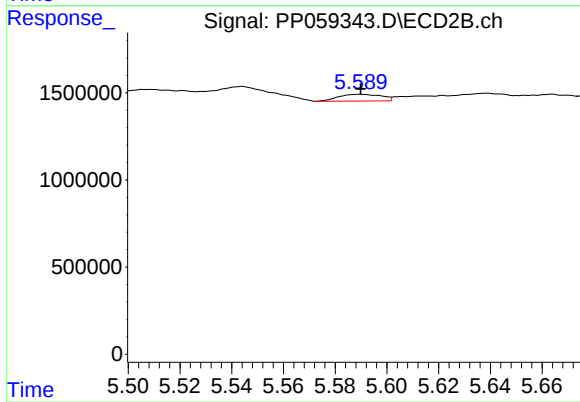
R.T.: 5.188 min
Delta R.T.: -0.006 min
Response: 94131
Conc: 1.31 ng/ml



#25 AR-1248-5

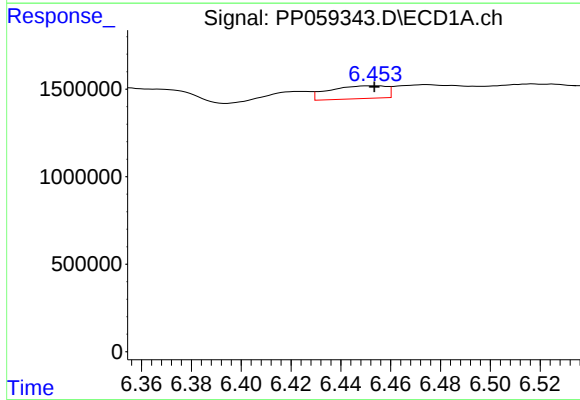
R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 690289
Conc: 16.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



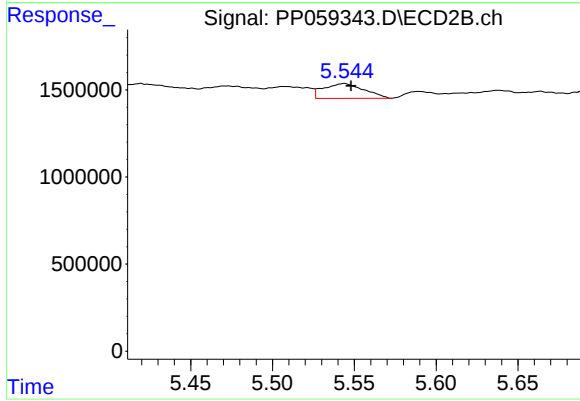
#25 AR-1248-5

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 442026
Conc: 6.70 ng/ml



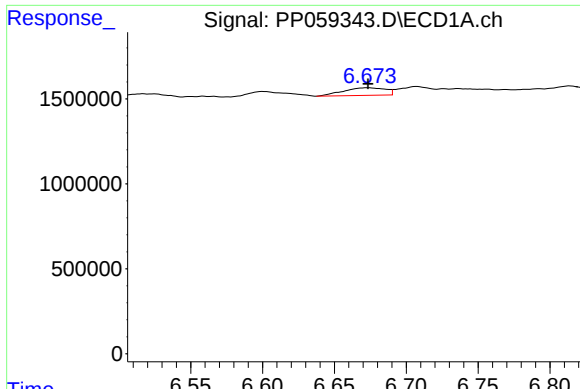
#26 AR-1254-1

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 1157251
Conc: 24.77 ng/ml



#26 AR-1254-1

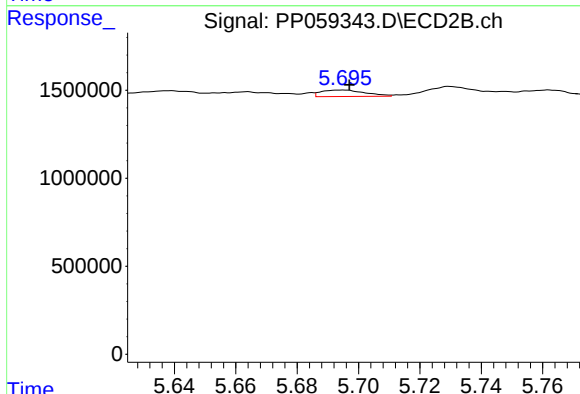
R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 1463368
Conc: 14.44 ng/ml



#27 AR-1254-2

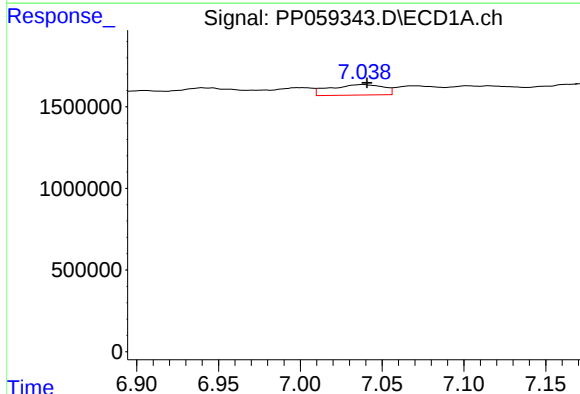
R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 908628
Conc: 13.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



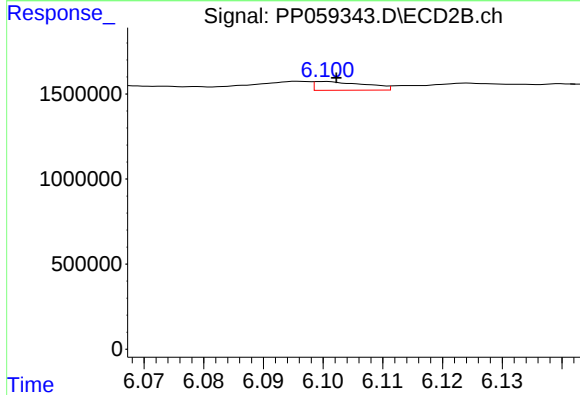
#27 AR-1254-2

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 371772
Conc: 4.21 ng/ml



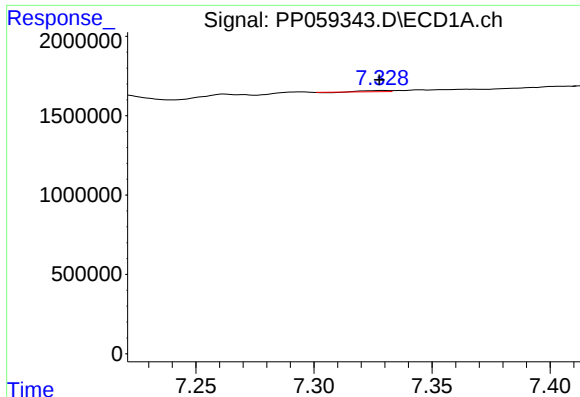
#28 AR-1254-3

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 1459855
Conc: 21.15 ng/ml



#28 AR-1254-3

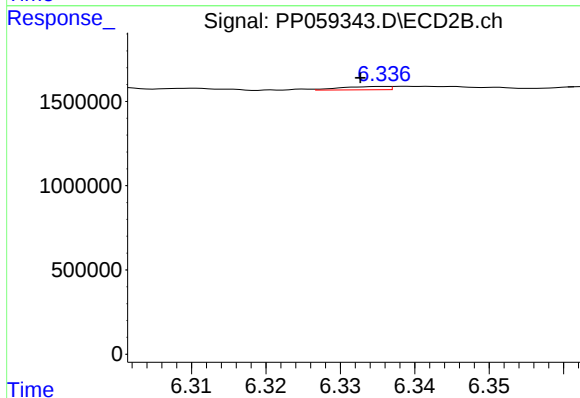
R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 304458
Conc: 2.20 ng/ml



#29 AR-1254-4

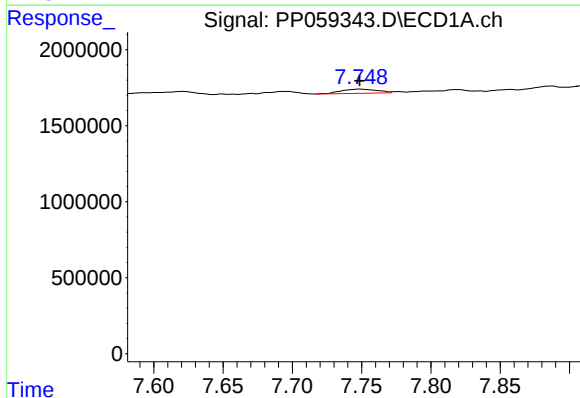
R.T.: 7.329 min
Delta R.T.: 0.001 min
Response: 49921
Conc: 1.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



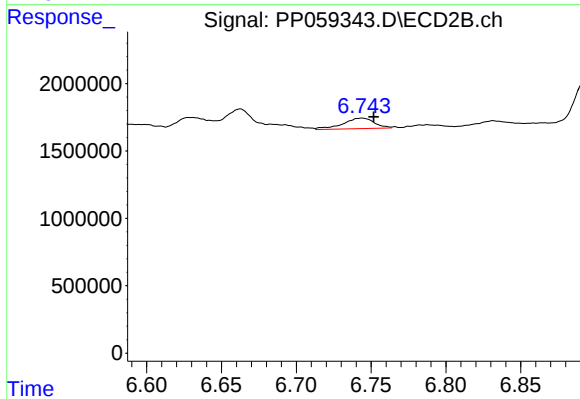
#29 AR-1254-4

R.T.: 6.336 min
Delta R.T.: 0.003 min
Response: 86868
Conc: 1.08 ng/ml



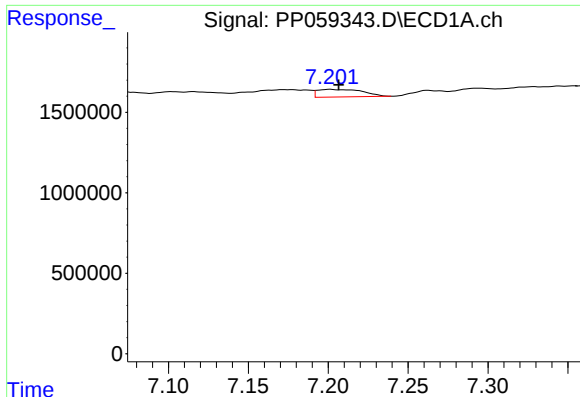
#30 AR-1254-5

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 497439
Conc: 10.59 ng/ml



#30 AR-1254-5

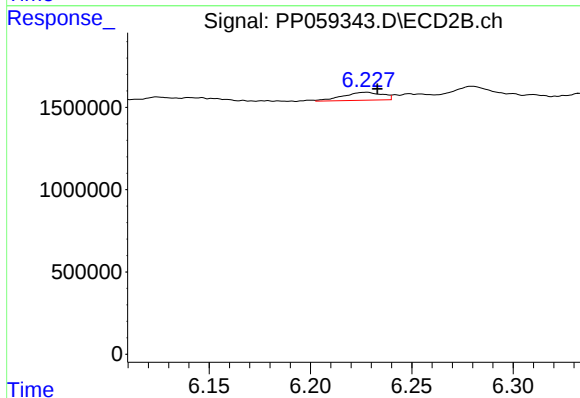
R.T.: 6.744 min
Delta R.T.: -0.008 min
Response: 1143123
Conc: 9.56 ng/ml



#31 AR-1260-1

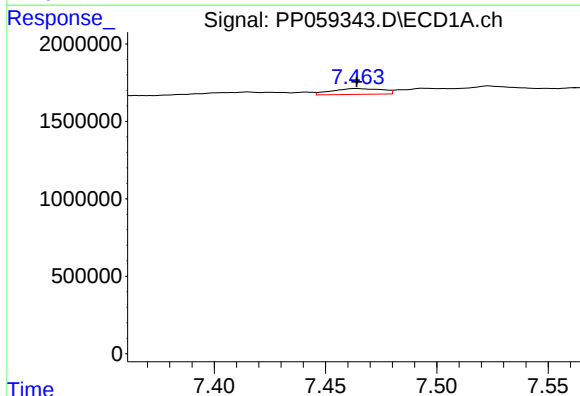
R.T.: 7.201 min
Delta R.T.: -0.005 min
Response: 922547
Conc: 16.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



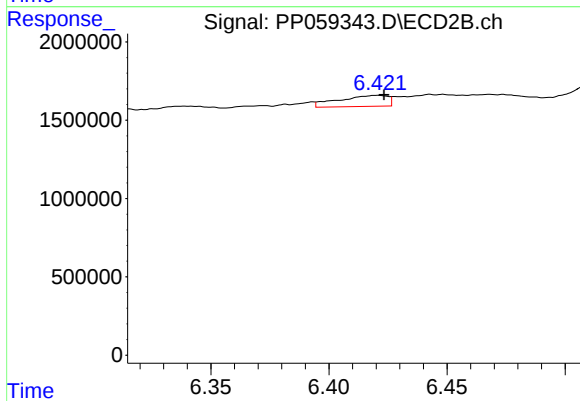
#31 AR-1260-1

R.T.: 6.228 min
Delta R.T.: -0.005 min
Response: 657914
Conc: 6.64 ng/ml



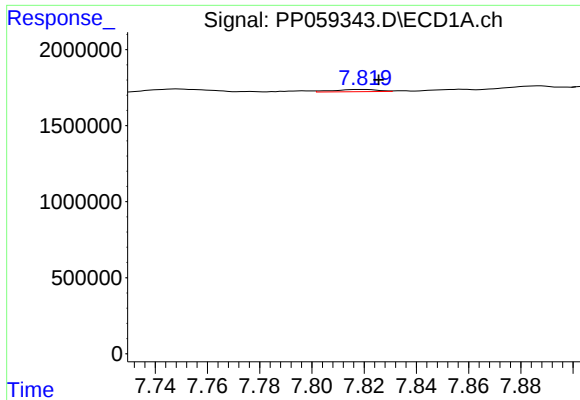
#32 AR-1260-2

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 584438
Conc: 9.82 ng/ml



#32 AR-1260-2

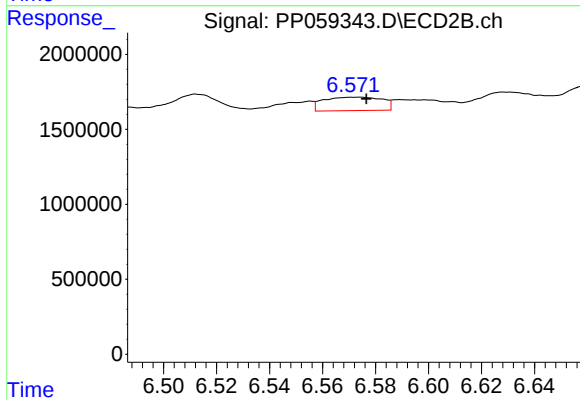
R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 1014029
Conc: 8.76 ng/ml



#33 AR-1260-3

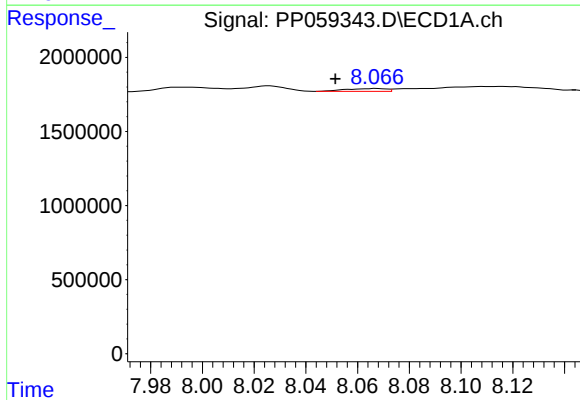
R.T.: 7.820 min
Delta R.T.: -0.006 min
Response: 166141
Conc: 4.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



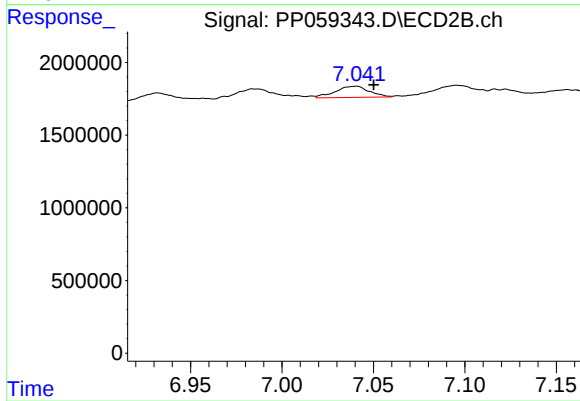
#33 AR-1260-3

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 1376545
Conc: 12.38 ng/ml



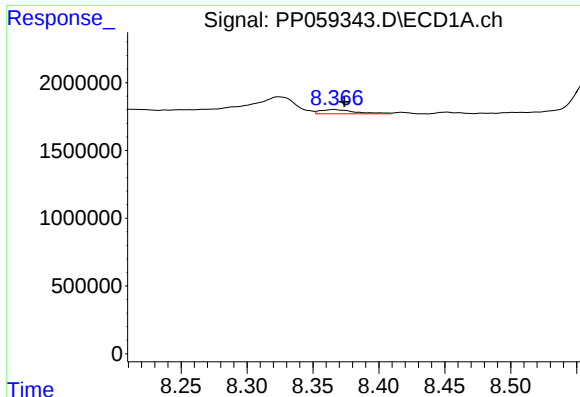
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: 0.016 min
Response: 208346
Conc: 4.69 ng/ml



#34 AR-1260-4

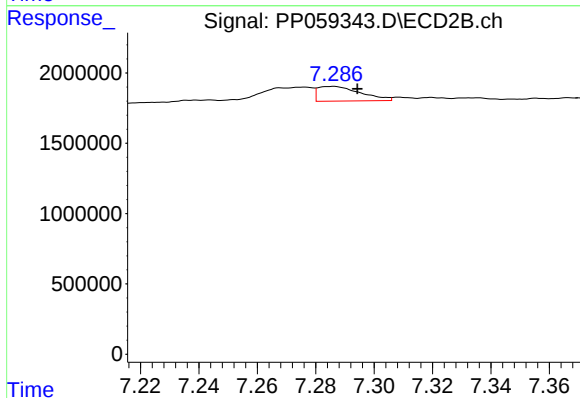
R.T.: 7.041 min
Delta R.T.: -0.009 min
Response: 992986
Conc: 11.45 ng/ml



#35 AR-1260-5

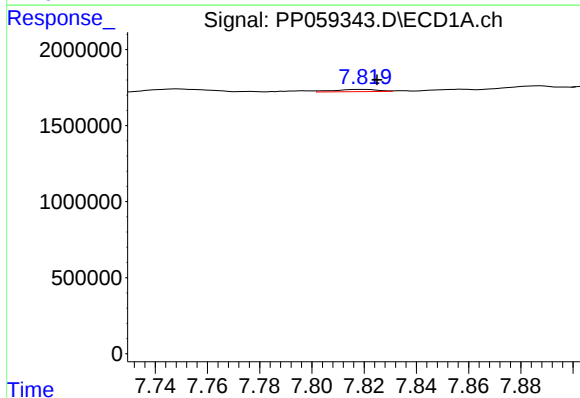
R.T.: 8.367 min
Delta R.T.: -0.007 min
Response: 583027
Conc: 7.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



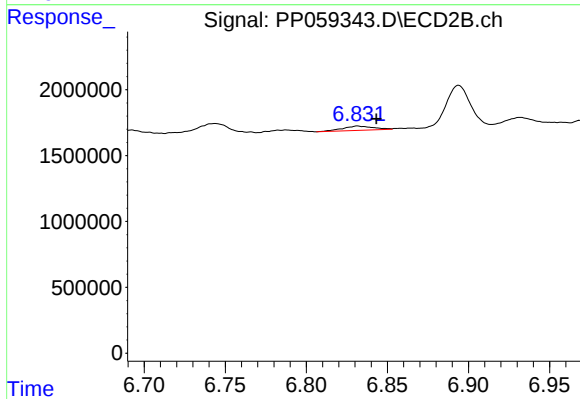
#35 AR-1260-5

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 1065676
Conc: 5.78 ng/ml



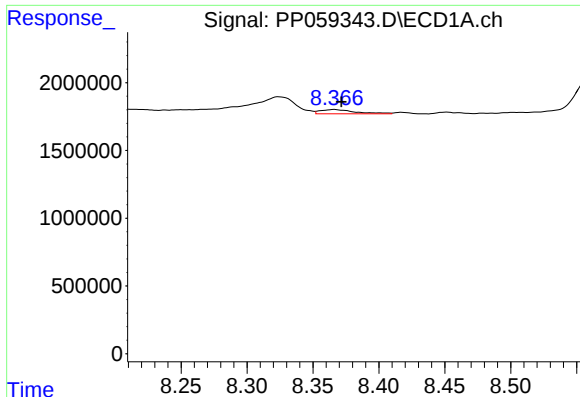
#36 AR-1262-1

R.T.: 7.820 min
Delta R.T.: -0.005 min
Response: 166141
Conc: 2.61 ng/ml



#36 AR-1262-1

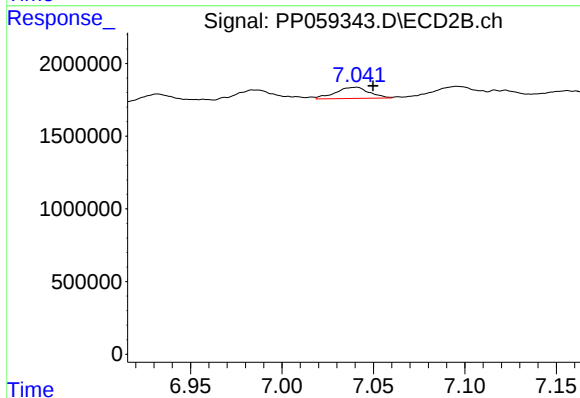
R.T.: 6.832 min
Delta R.T.: -0.012 min
Response: 432883
Conc: 7.52 ng/ml



#37 AR-1262-2

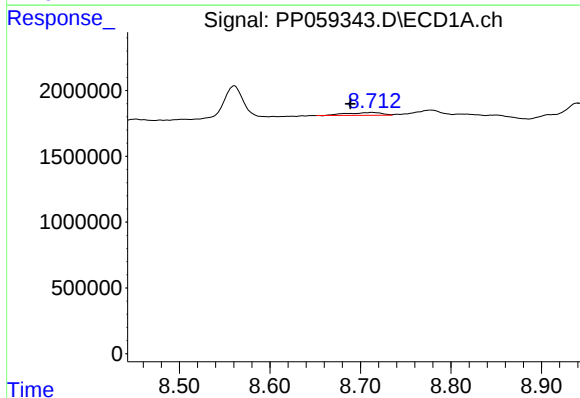
R.T.: 8.367 min
Delta R.T.: -0.005 min
Response: 583027
Conc: 6.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



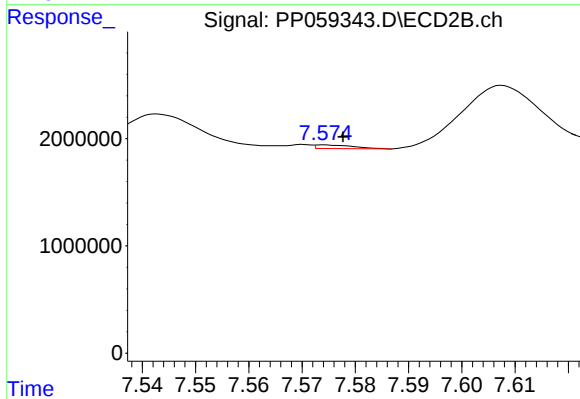
#37 AR-1262-2

R.T.: 7.041 min
Delta R.T.: -0.009 min
Response: 992986
Conc: 8.42 ng/ml



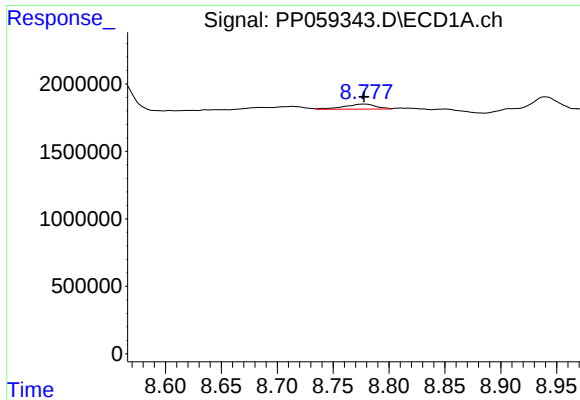
#38 AR-1262-3

R.T.: 8.713 min
Delta R.T.: 0.024 min
Response: 592016
Conc: 9.20 ng/ml



#38 AR-1262-3

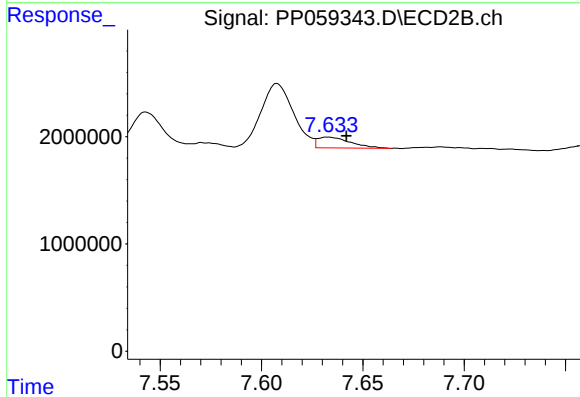
R.T.: 7.574 min
Delta R.T.: -0.004 min
Response: 165181
Conc: 1.94 ng/ml



#39 AR-1262-4

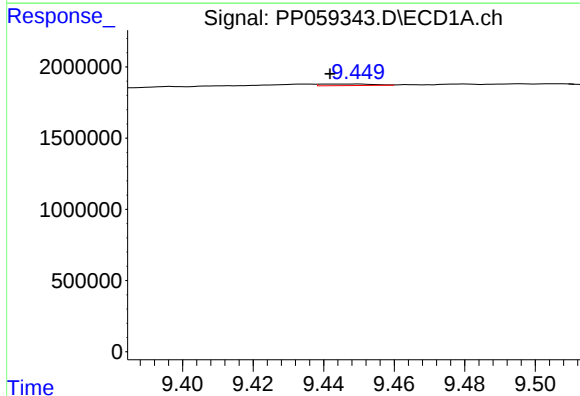
R.T.: 8.778 min
Delta R.T.: 0.000 min
Response: 740485
Conc: 22.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



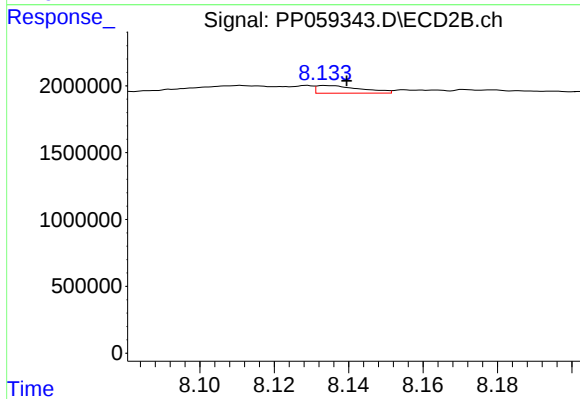
#39 AR-1262-4

R.T.: 7.633 min
Delta R.T.: -0.009 min
Response: 1141882
Conc: 7.56 ng/ml



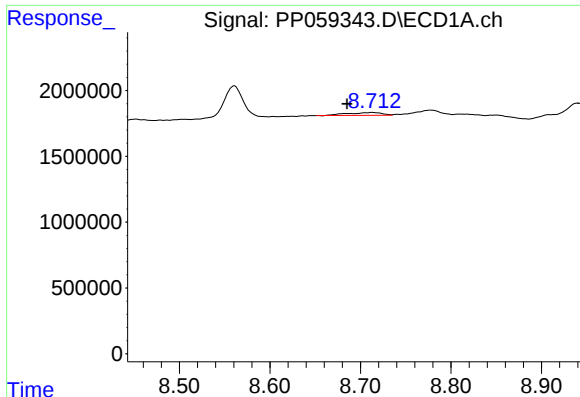
#40 AR-1262-5

R.T.: 9.443 min
Delta R.T.: 0.001 min
Response: 116042
Conc: 3.89 ng/ml



#40 AR-1262-5

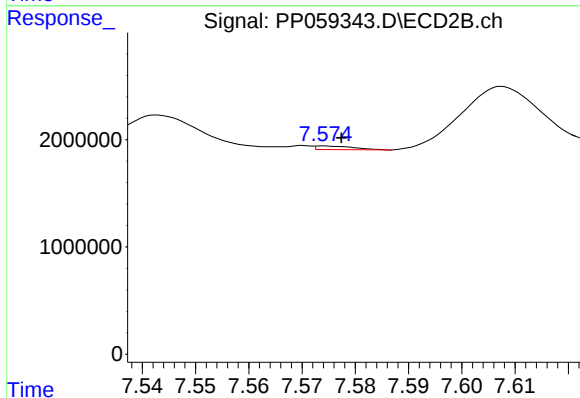
R.T.: 8.134 min
Delta R.T.: -0.006 min
Response: 472274
Conc: 7.41 ng/ml



#41 AR-1268-1

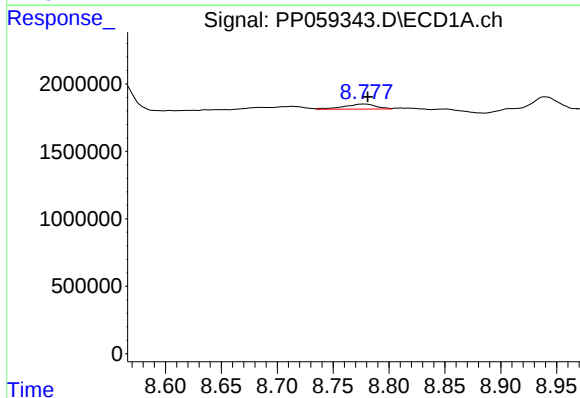
R.T.: 8.713 min
Delta R.T.: 0.028 min
Response: 592016
Conc: 5.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



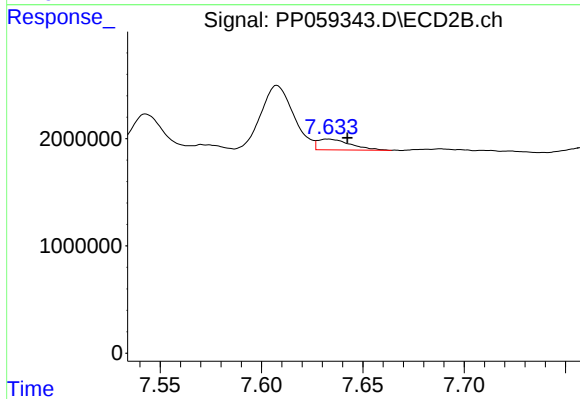
#41 AR-1268-1

R.T.: 7.574 min
Delta R.T.: -0.003 min
Response: 165181
Conc: 0.68 ng/ml



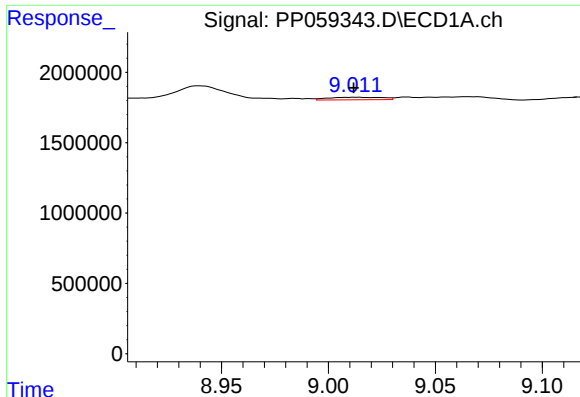
#42 AR-1268-2

R.T.: 8.778 min
Delta R.T.: -0.003 min
Response: 740485
Conc: 7.52 ng/ml



#42 AR-1268-2

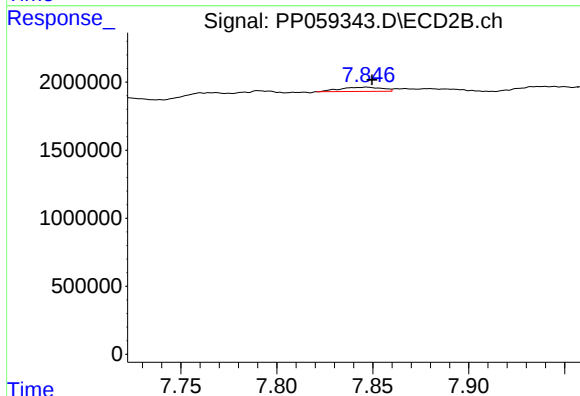
R.T.: 7.633 min
Delta R.T.: -0.010 min
Response: 1141882
Conc: 5.21 ng/ml



#43 AR-1268-3

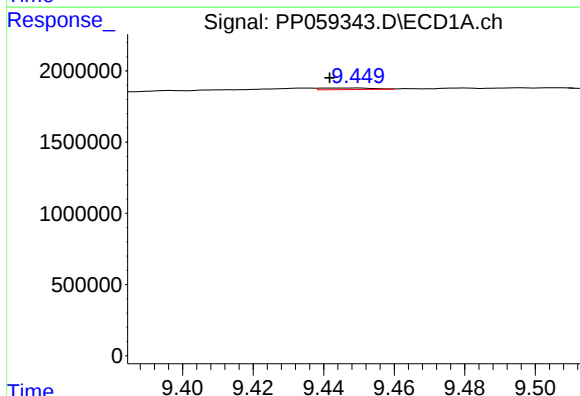
R.T.: 9.013 min
Delta R.T.: 0.001 min
Response: 324510
Conc: 3.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



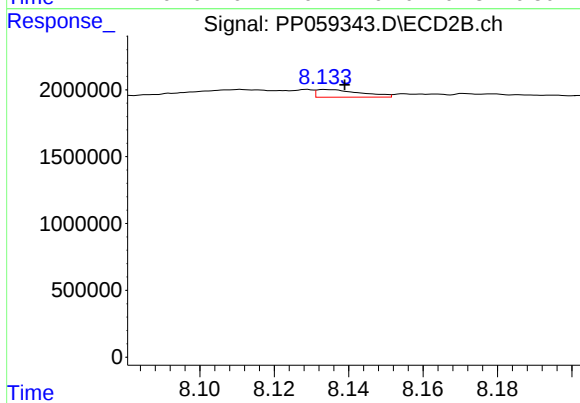
#43 AR-1268-3

R.T.: 7.847 min
Delta R.T.: -0.003 min
Response: 466961
Conc: 2.39 ng/ml



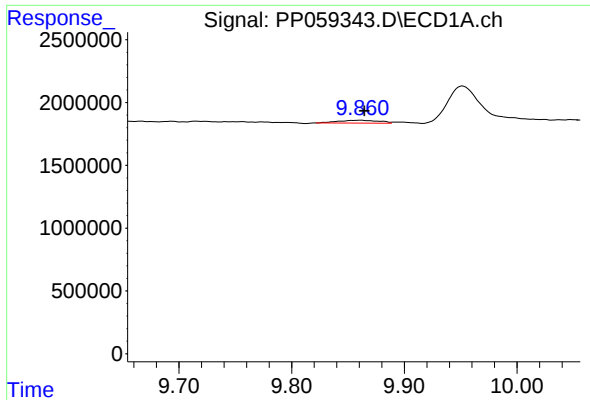
#44 AR-1268-4

R.T.: 9.443 min
Delta R.T.: 0.001 min
Response: 116042
Conc: 3.64 ng/ml



#44 AR-1268-4

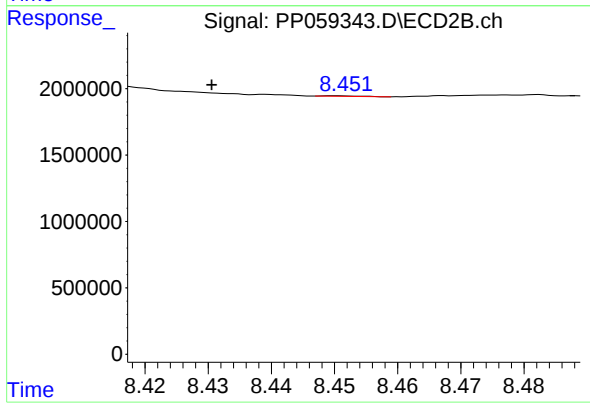
R.T.: 8.134 min
Delta R.T.: -0.005 min
Response: 472274
Conc: 6.79 ng/ml



#45 AR-1268-5

R.T.: 9.861 min
Delta R.T.: -0.003 min
Response: 576111
Conc: 2.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.019 min
Response: 16570
Conc: 0.03 ng/ml