

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040423\
 Data File : PP056652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2023 18:34
 Operator : YP\AJ
 Sample : 02179-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:00:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 03:37:03 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...	4.438	3.666	49661390	38652426	25.095	23.986
2)	SA Decachlor...	10.274	8.755	31253006	36095306	32.559	29.623
Target Compounds							
3)	L1 AR-1016-1	5.632f	4.778	5225323	405908	95.537	8.953 #
4)	L1 AR-1016-2	5.632	4.778	5225323	405908	64.986	6.425 #
5)	L1 AR-1016-3	5.684	4.969	4696301	157384	92.486	4.573 #
6)	L1 AR-1016-4	5.815f	5.014	99292	227395	2.486	7.365 #
7)	L1 AR-1016-5	6.103	5.220	1190684	263468	28.885	6.722 #
8)	L2 AR-1221-1	4.632	3.875	1004627	-278225	40.676	N.D. #
9)	L2 AR-1221-2	4.745	3.971	2473194	955267	135.422	62.177 #
10)	L2 AR-1221-3	4.827f	4.046	1306587	502267	23.910	10.990 #
11)	L3 AR-1232-1	4.827f	4.046	1306587	502267	28.275	12.966 #
12)	L3 AR-1232-2	5.340	4.778	751244	405908	31.980	12.928 #
13)	L3 AR-1232-3	5.632	4.969	5225323	157384	137.109	9.477 #
14)	L3 AR-1232-4	5.815f	5.074f	99292	416701	5.246	24.395 #
15)	L3 AR-1232-5	5.889	5.220	328367	263468	20.053	14.051 #
16)	L4 AR-1242-1	5.632f	4.778	5225323	405908	112.519	10.620 #
17)	L4 AR-1242-2	5.632	4.778	5225323	405908	77.527	7.577 #
18)	L4 AR-1242-3	5.684	4.969	4696301	157384	109.945	5.400 #
19)	L4 AR-1242-4	5.815f	5.074f	99292	416701	2.972	12.854 #
20)	L4 AR-1242-5	6.539	5.582	902051	789650	29.473	22.459
21)	L5 AR-1248-1	5.632f	4.778	5225323	405908	150.778	13.782 #
22)	L5 AR-1248-2	5.889	5.014	328367	227395	6.076	5.015
23)	L5 AR-1248-3	6.103	5.074f	1190684	416701	20.580	8.798 #
24)	L5 AR-1248-4	6.498	5.220	1191192	263468	22.180	4.878 #
25)	L5 AR-1248-5	6.539	5.620	902051	426612	17.240	9.433 #
26)	L6 AR-1254-1	6.475	5.582	3610304	789650	54.849	9.475 #
27)	L6 AR-1254-2	6.697	5.729	673231	652477	7.215	9.040 #
28)	L6 AR-1254-3	7.067	6.138	1175512	689806	13.308	6.292 #
29)	L6 AR-1254-4	7.351	6.368	516702	400099	9.004	6.838
30)	L6 AR-1254-5	7.790f	6.791	3991872	5877043	64.248	65.158
31)	L7 AR-1260-1	7.230	6.273	330406	842149	4.769	10.480 #
32)	L7 AR-1260-2	7.475	6.460	1385400	426734	18.791	4.948 #
33)	L7 AR-1260-3	7.852	6.618	297698	518642	5.097	6.117
34)	L7 AR-1260-4	8.089	7.094	2338592	1424145	37.919	20.749 #
35)	L7 AR-1260-5	8.400	7.307f	522351	580205	4.800	4.406
36)	L8 AR-1262-1	7.852	6.876	297698	101011	3.618	2.383 #
37)	L8 AR-1262-2	8.400	7.094	522351	1424145	4.156	16.022 #
38)	L8 AR-1262-3	0.000	7.622	0	108144	N.D.	1.641 #
39)	L8 AR-1262-4	8.816	7.685	541545	393459	12.589	3.446 #
40)	L8 AR-1262-5	9.480	8.213f	172569	28953	4.277	0.579 #
41)	L9 AR-1268-1	8.690f	7.622	6314	108144	0.038	0.562 #

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 Acq On : 04 Apr 2023 18:34
 Operator : YP\AJ
 Sample : 02179-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

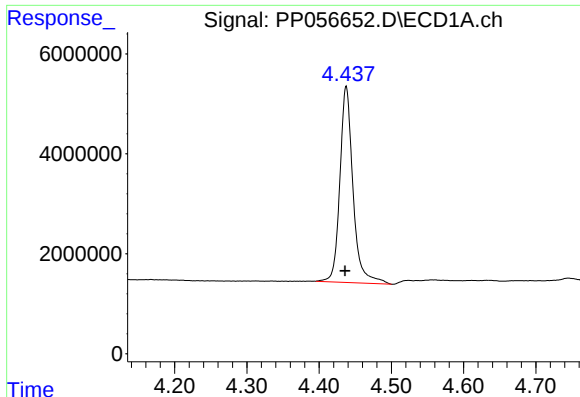
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:00:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040323.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	8.816	7.685	541545	393459	3.618	2.232 #
43) L9	AR-1268-3	9.056	7.887	98841	509762	0.727	3.076 #
44) L9	AR-1268-4	9.480	8.213f	172569	28953	3.890	0.510 #
45) L9	AR-1268-5	9.922	8.490	152057	498120	0.412	1.146 #

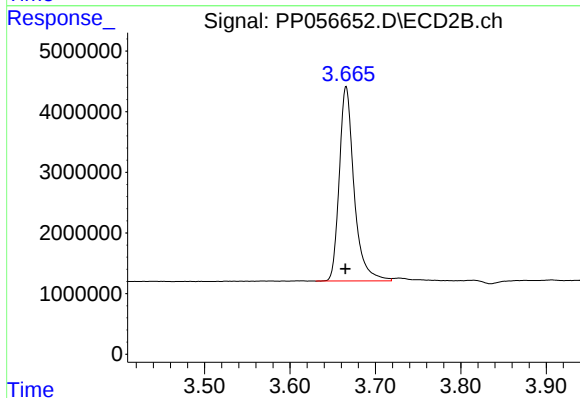
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

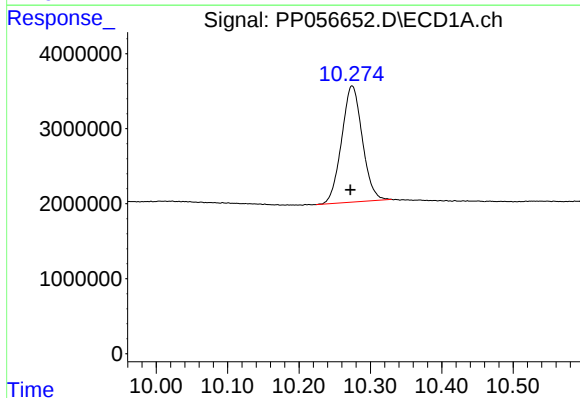
R.T.: 4.438 min
Delta R.T.: 0.002 min
Response: 49661390
Conc: 25.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



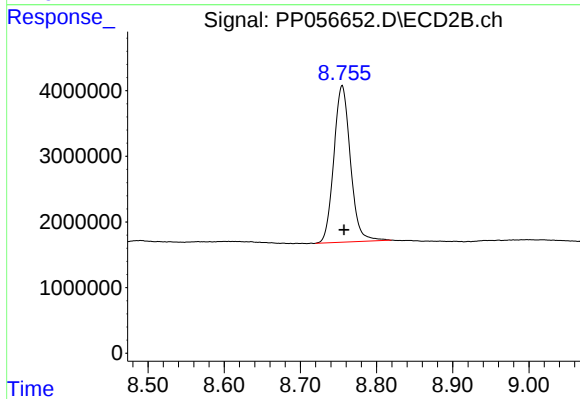
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 38652426
Conc: 23.99 ng/ml



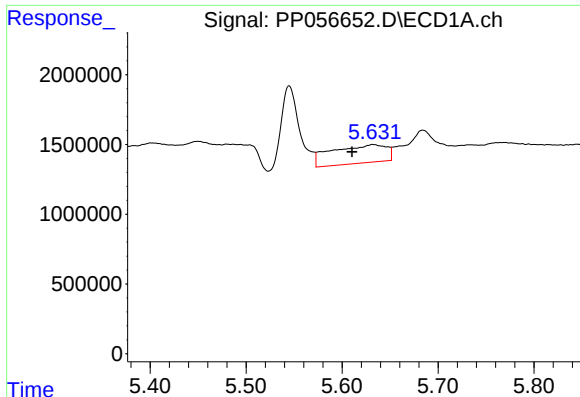
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: 0.002 min
Response: 31253006
Conc: 32.56 ng/ml



#2 Decachlorobiphenyl

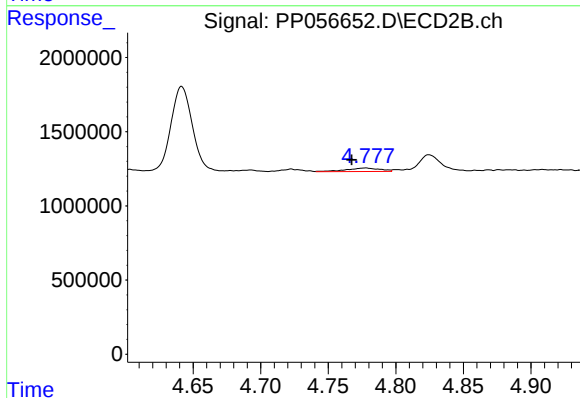
R.T.: 8.755 min
Delta R.T.: -0.003 min
Response: 36095306
Conc: 29.62 ng/ml



#3 AR-1016-1

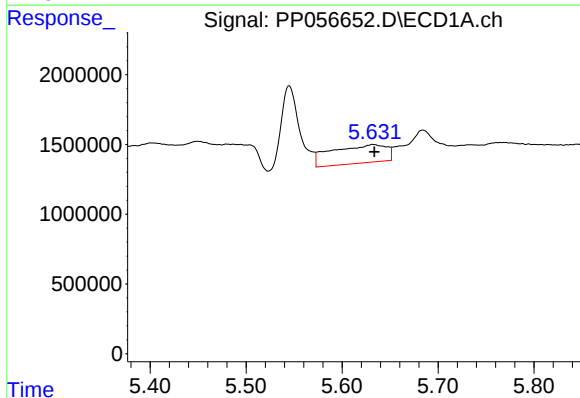
R.T.: 5.632 min
Delta R.T.: 0.022 min
Response: 5225323
Conc: 95.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



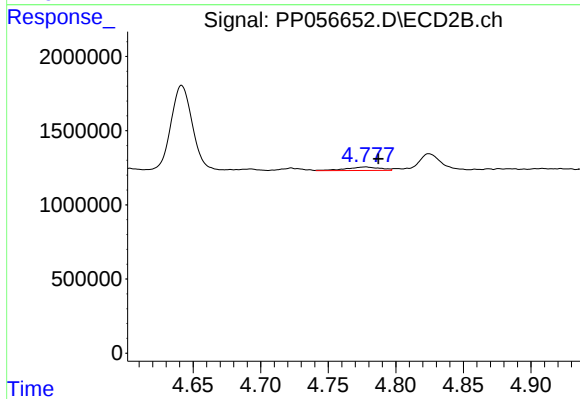
#3 AR-1016-1

R.T.: 4.778 min
Delta R.T.: 0.010 min
Response: 405908
Conc: 8.95 ng/ml



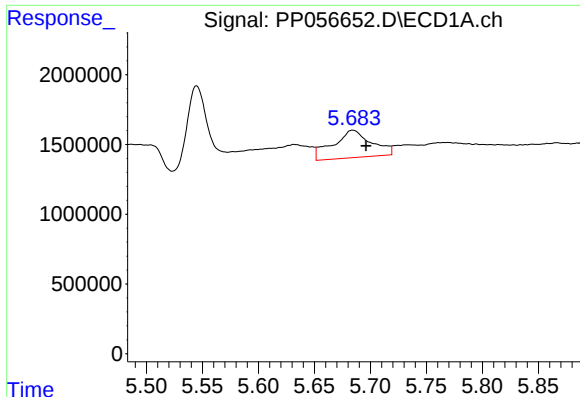
#4 AR-1016-2

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 5225323
Conc: 64.99 ng/ml



#4 AR-1016-2

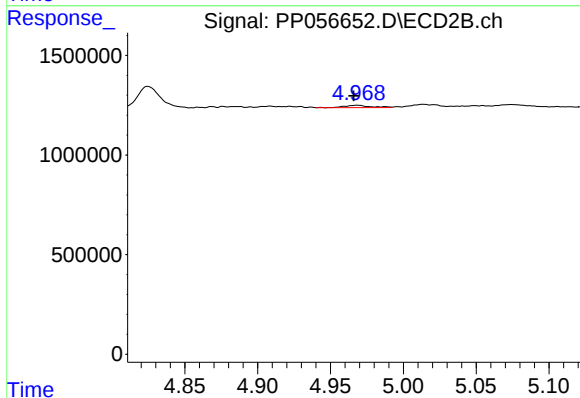
R.T.: 4.778 min
Delta R.T.: -0.009 min
Response: 405908
Conc: 6.42 ng/ml



#5 AR-1016-3

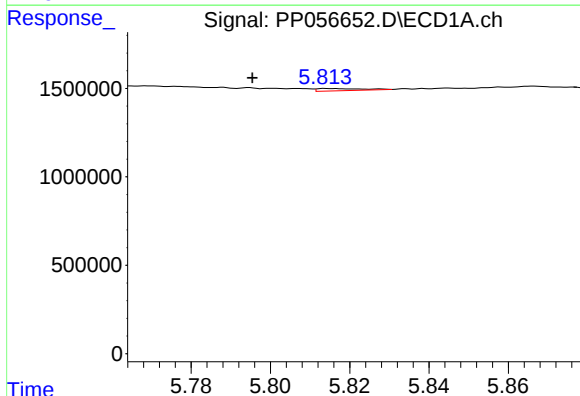
R.T.: 5.684 min
Delta R.T.: -0.012 min
Response: 4696301
Conc: 92.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



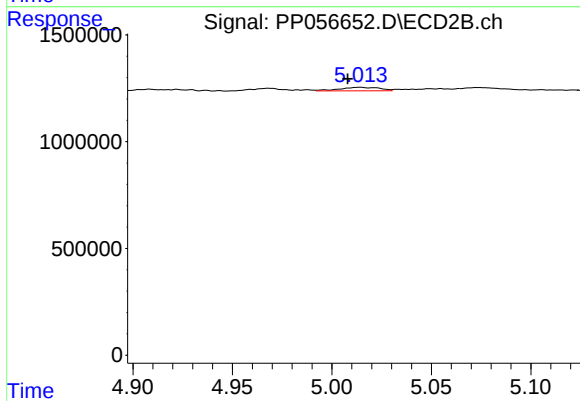
#5 AR-1016-3

R.T.: 4.969 min
Delta R.T.: 0.003 min
Response: 157384
Conc: 4.57 ng/ml



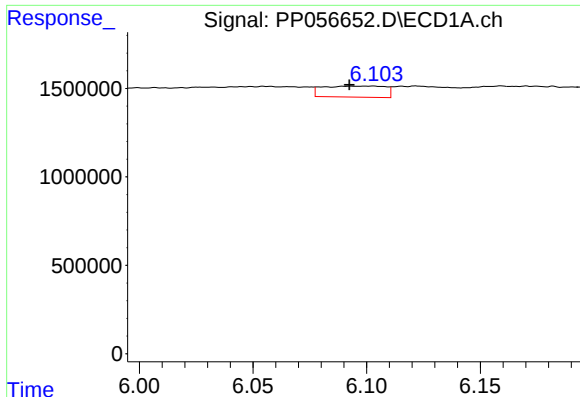
#6 AR-1016-4

R.T.: 5.815 min
Delta R.T.: 0.019 min
Response: 99292
Conc: 2.49 ng/ml



#6 AR-1016-4

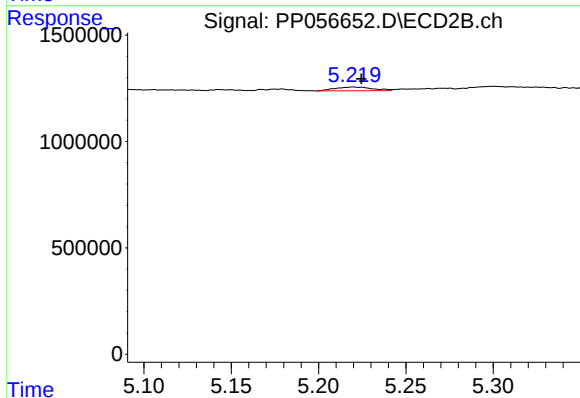
R.T.: 5.014 min
Delta R.T.: 0.006 min
Response: 227395
Conc: 7.36 ng/ml



#7 AR-1016-5

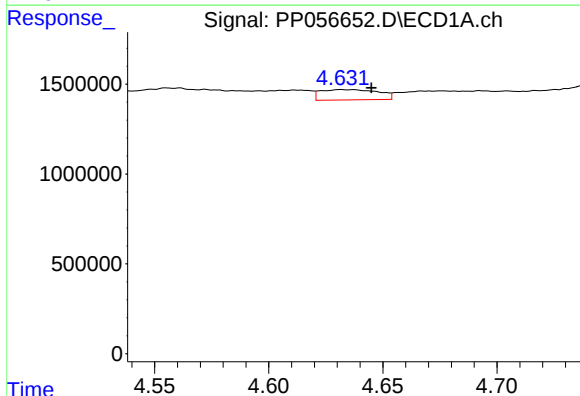
R.T.: 6.103 min
Delta R.T.: 0.010 min
Response: 1190684
Conc: 28.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



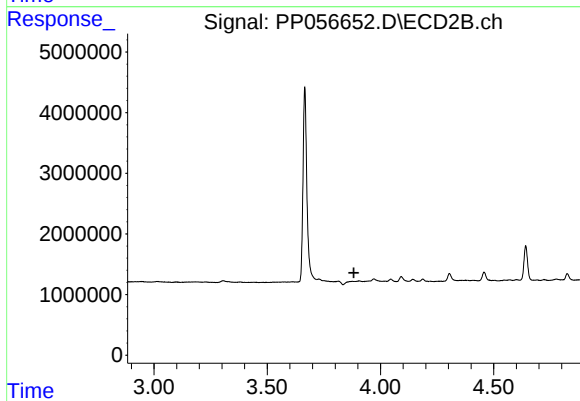
#7 AR-1016-5

R.T.: 5.220 min
Delta R.T.: -0.005 min
Response: 263468
Conc: 6.72 ng/ml



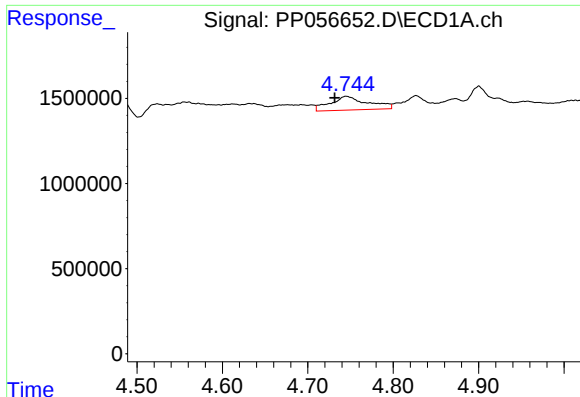
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.013 min
Response: 1004627
Conc: 40.68 ng/ml



#8 AR-1221-1

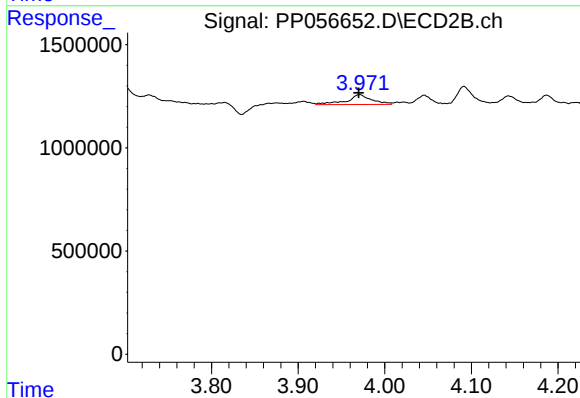
R.T.: 3.875 min
Delta R.T.: -0.008 min
Response: -278225
Conc: N.D.



#9 AR-1221-2

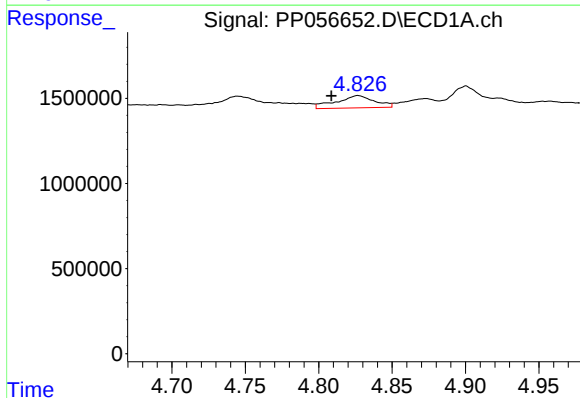
R.T.: 4.745 min
Delta R.T.: 0.013 min
Response: 2473194
Conc: 135.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



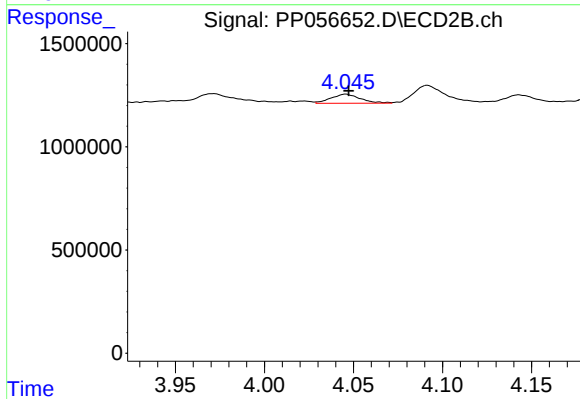
#9 AR-1221-2

R.T.: 3.971 min
Delta R.T.: 0.001 min
Response: 955267
Conc: 62.18 ng/ml



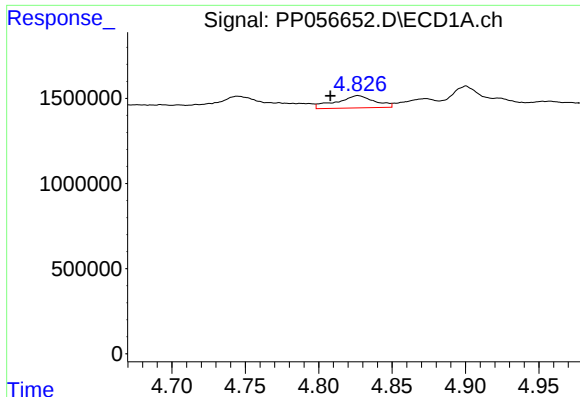
#10 AR-1221-3

R.T.: 4.827 min
Delta R.T.: 0.018 min
Response: 1306587
Conc: 23.91 ng/ml



#10 AR-1221-3

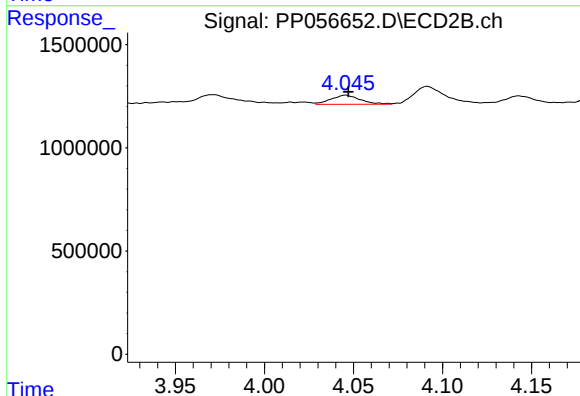
R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 502267
Conc: 10.99 ng/ml



#11 AR-1232-1

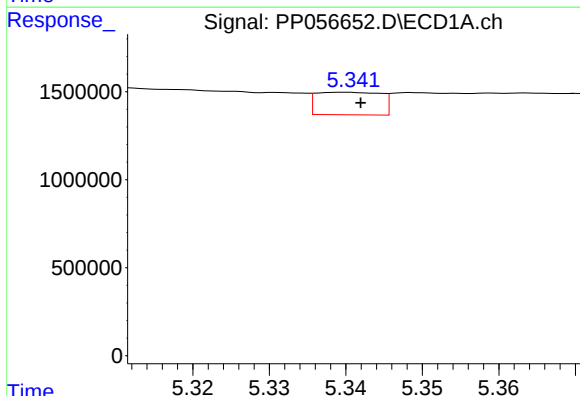
R.T.: 4.827 min
Delta R.T.: 0.019 min
Response: 1306587
Conc: 28.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



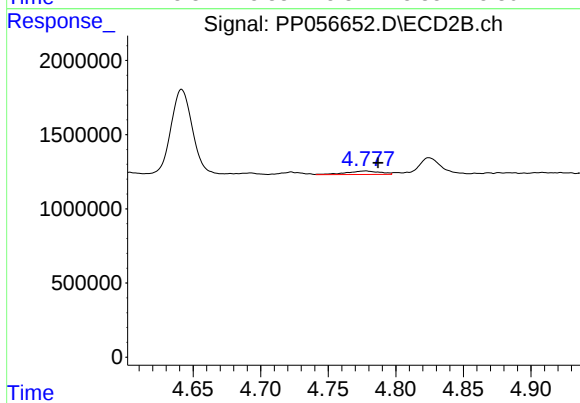
#11 AR-1232-1

R.T.: 4.046 min
Delta R.T.: -0.001 min
Response: 502267
Conc: 12.97 ng/ml



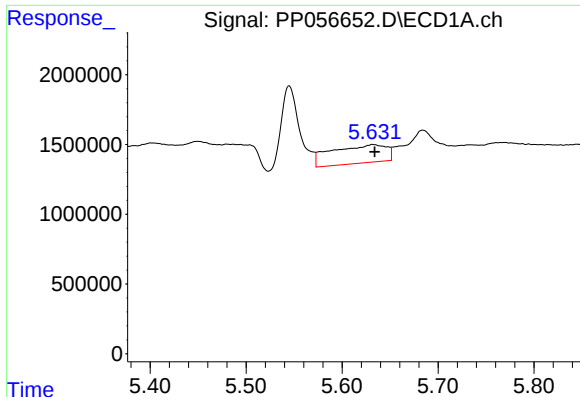
#12 AR-1232-2

R.T.: 5.340 min
Delta R.T.: -0.002 min
Response: 751244
Conc: 31.98 ng/ml



#12 AR-1232-2

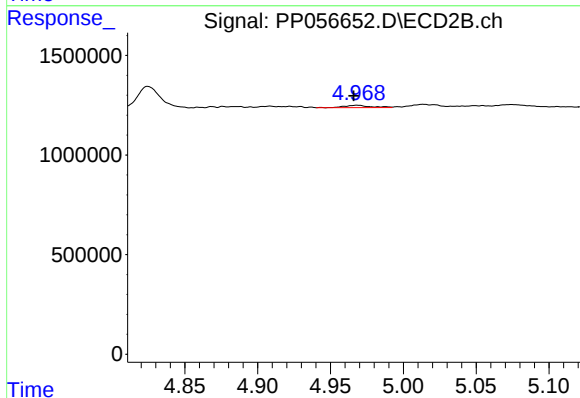
R.T.: 4.778 min
Delta R.T.: -0.009 min
Response: 405908
Conc: 12.93 ng/ml



#13 AR-1232-3

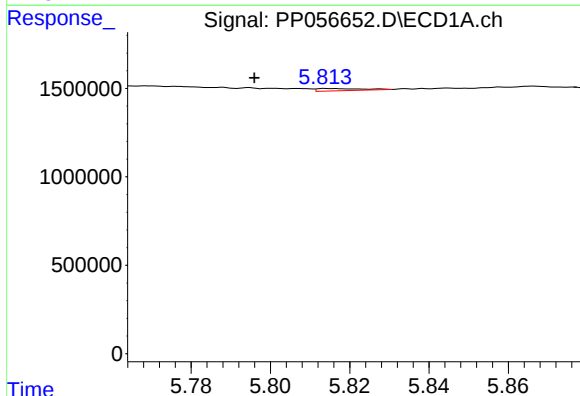
R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 5225323
Conc: 137.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



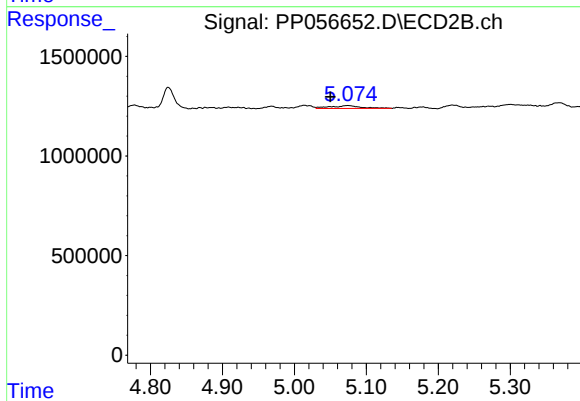
#13 AR-1232-3

R.T.: 4.969 min
Delta R.T.: 0.003 min
Response: 157384
Conc: 9.48 ng/ml



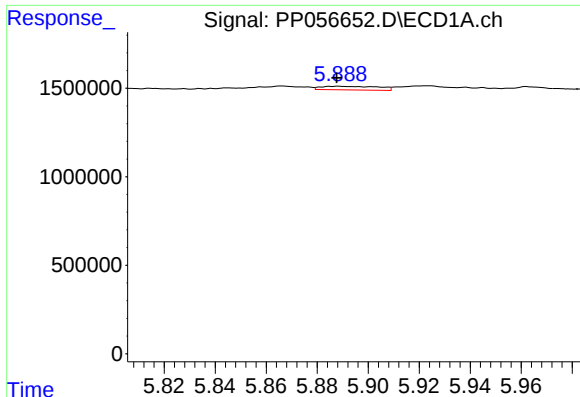
#14 AR-1232-4

R.T.: 5.815 min
Delta R.T.: 0.019 min
Response: 99292
Conc: 5.25 ng/ml



#14 AR-1232-4

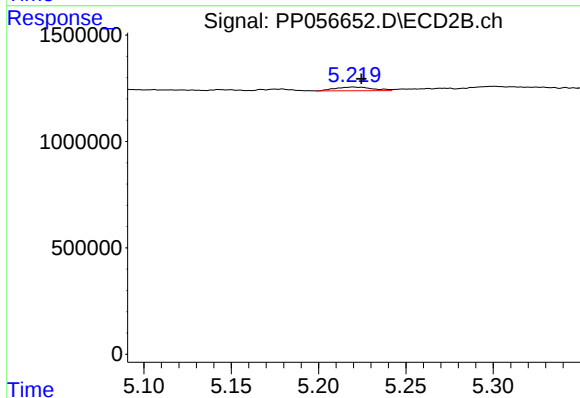
R.T.: 5.074 min
Delta R.T.: 0.024 min
Response: 416701
Conc: 24.39 ng/ml



#15 AR-1232-5

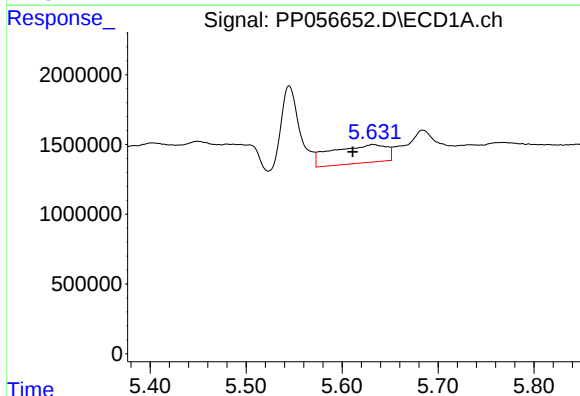
R.T.: 5.889 min
Delta R.T.: 0.001 min
Response: 328367
Conc: 20.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



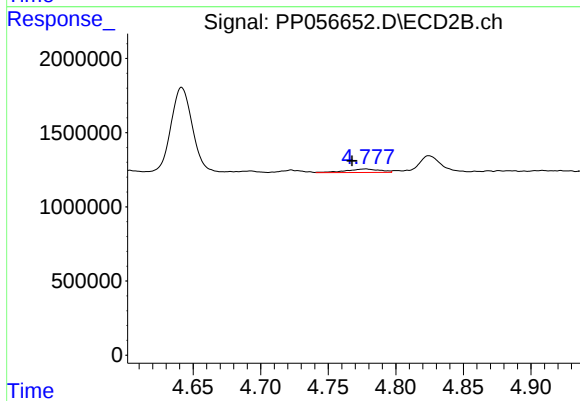
#15 AR-1232-5

R.T.: 5.220 min
Delta R.T.: -0.005 min
Response: 263468
Conc: 14.05 ng/ml



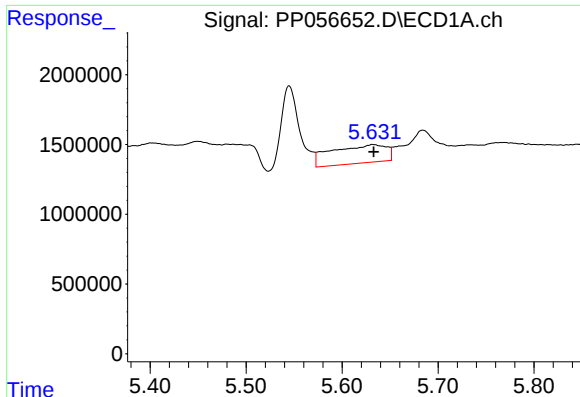
#16 AR-1242-1

R.T.: 5.632 min
Delta R.T.: 0.021 min
Response: 5225323
Conc: 112.52 ng/ml



#16 AR-1242-1

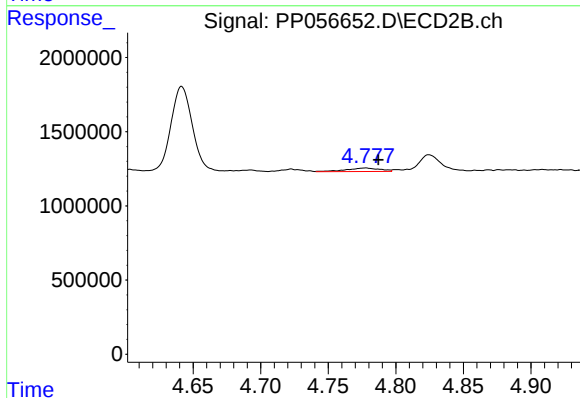
R.T.: 4.778 min
Delta R.T.: 0.010 min
Response: 405908
Conc: 10.62 ng/ml



#17 AR-1242-2

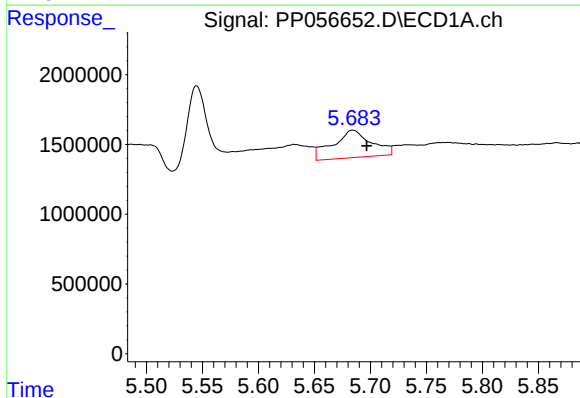
R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 5225323
Conc: 77.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



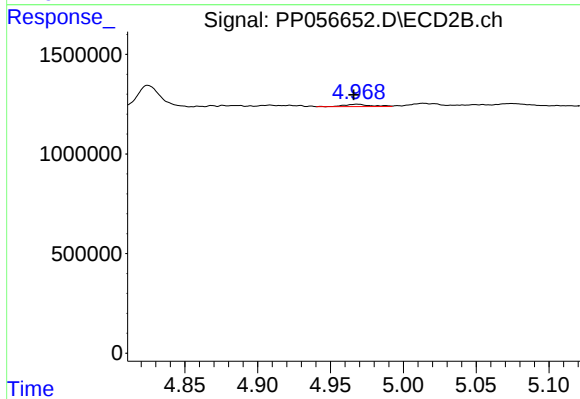
#17 AR-1242-2

R.T.: 4.778 min
Delta R.T.: -0.010 min
Response: 405908
Conc: 7.58 ng/ml



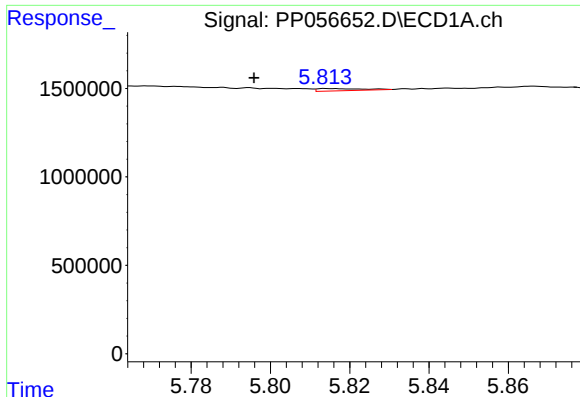
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: -0.012 min
Response: 4696301
Conc: 109.95 ng/ml



#18 AR-1242-3

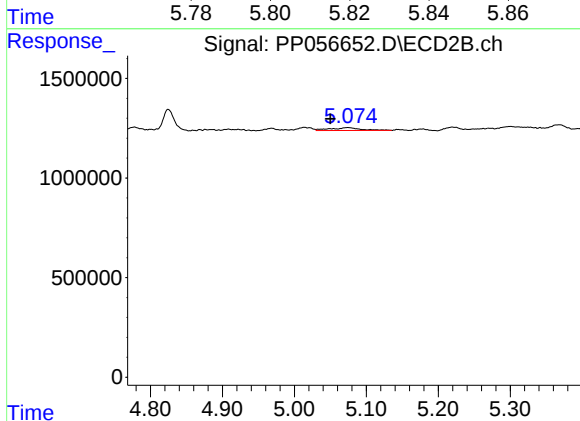
R.T.: 4.969 min
Delta R.T.: 0.003 min
Response: 157384
Conc: 5.40 ng/ml



#19 AR-1242-4

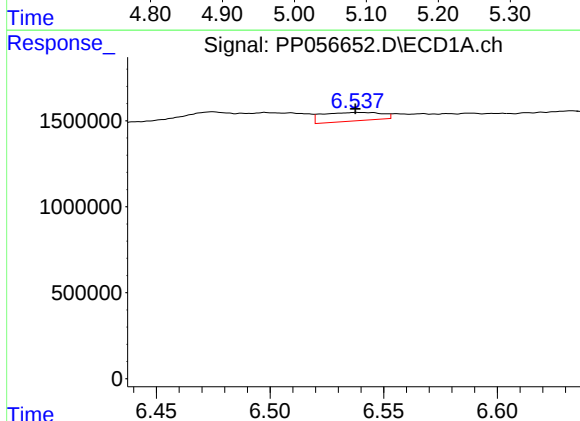
R.T.: 5.815 min
Delta R.T.: 0.019 min
Response: 99292
Conc: 2.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



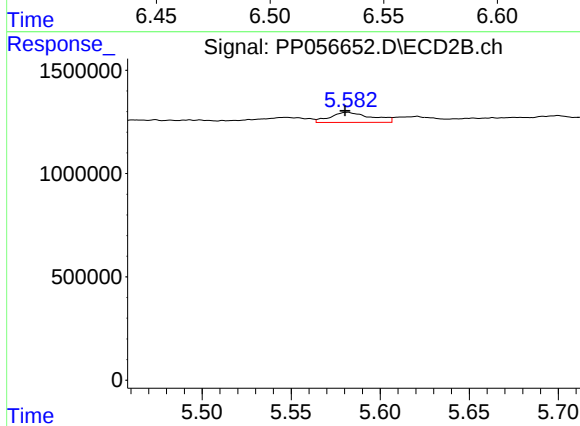
#19 AR-1242-4

R.T.: 5.074 min
Delta R.T.: 0.024 min
Response: 416701
Conc: 12.85 ng/ml



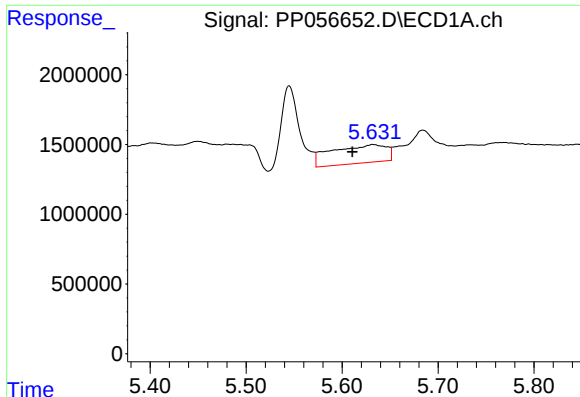
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: 0.001 min
Response: 902051
Conc: 29.47 ng/ml



#20 AR-1242-5

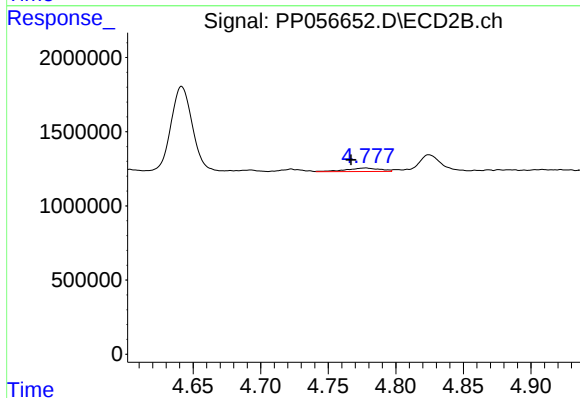
R.T.: 5.582 min
Delta R.T.: 0.001 min
Response: 789650
Conc: 22.46 ng/ml



#21 AR-1248-1

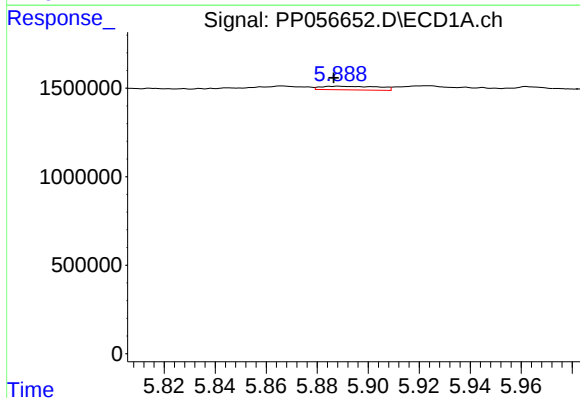
R.T.: 5.632 min
Delta R.T.: 0.022 min
Response: 5225323
Conc: 150.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



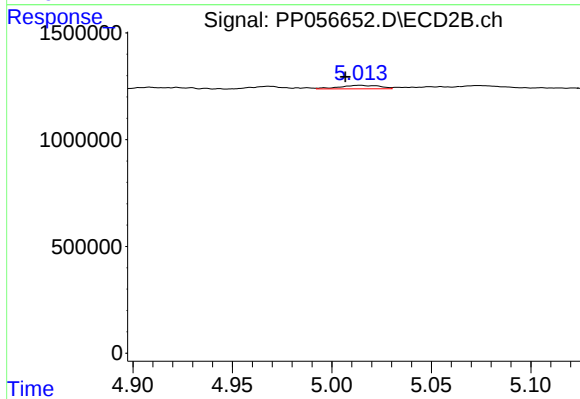
#21 AR-1248-1

R.T.: 4.778 min
Delta R.T.: 0.011 min
Response: 405908
Conc: 13.78 ng/ml



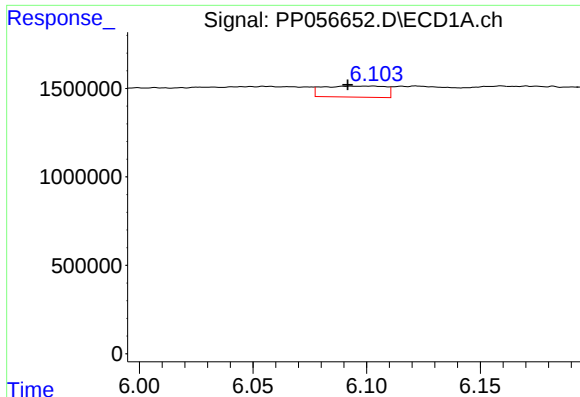
#22 AR-1248-2

R.T.: 5.889 min
Delta R.T.: 0.002 min
Response: 328367
Conc: 6.08 ng/ml



#22 AR-1248-2

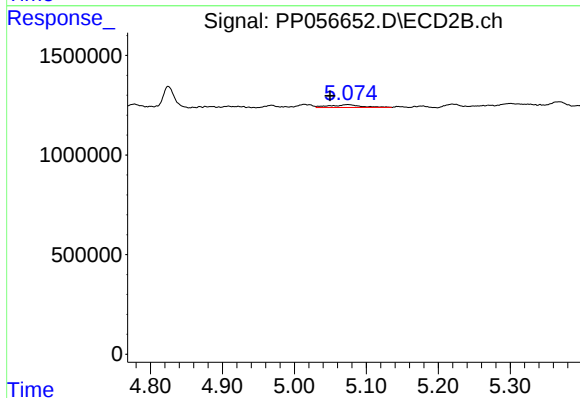
R.T.: 5.014 min
Delta R.T.: 0.007 min
Response: 227395
Conc: 5.02 ng/ml



#23 AR-1248-3

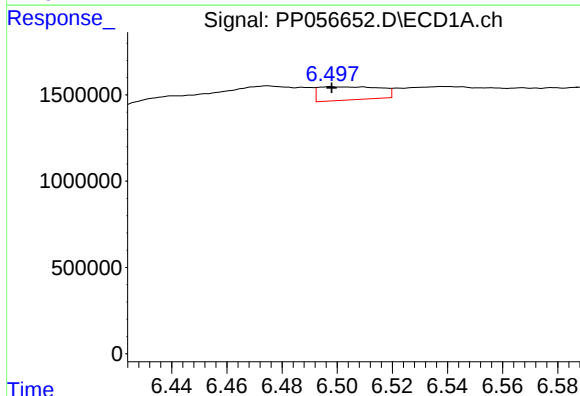
R.T.: 6.103 min
Delta R.T.: 0.011 min
Response: 1190684
Conc: 20.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



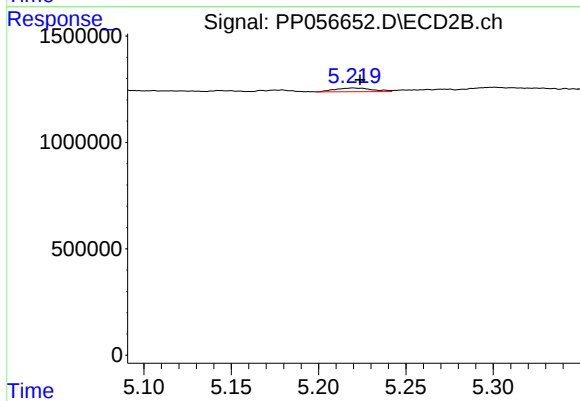
#23 AR-1248-3

R.T.: 5.074 min
Delta R.T.: 0.025 min
Response: 416701
Conc: 8.80 ng/ml



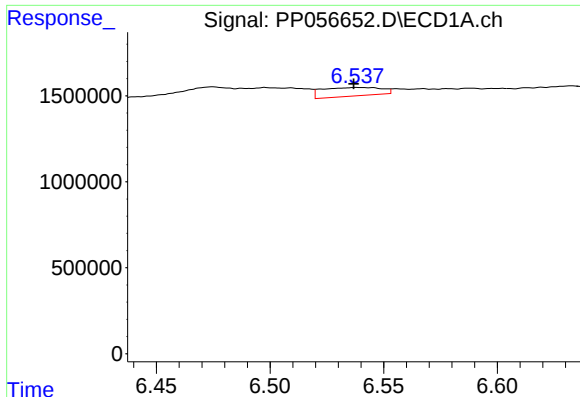
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 1191192
Conc: 22.18 ng/ml



#24 AR-1248-4

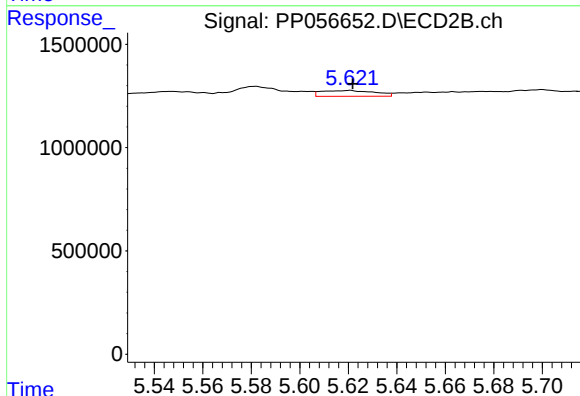
R.T.: 5.220 min
Delta R.T.: -0.004 min
Response: 263468
Conc: 4.88 ng/ml



#25 AR-1248-5

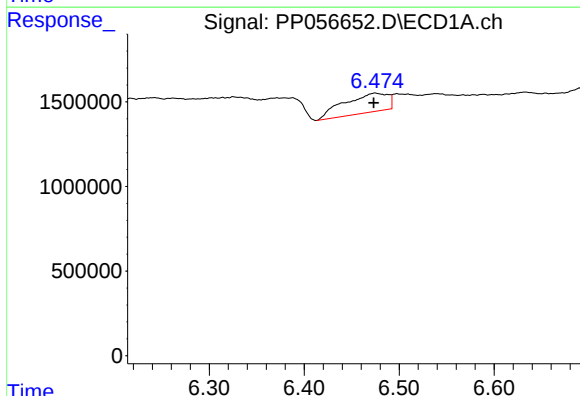
R.T.: 6.539 min
Delta R.T.: 0.002 min
Response: 902051
Conc: 17.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



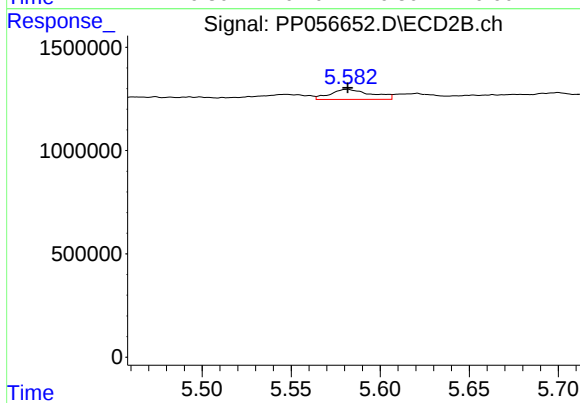
#25 AR-1248-5

R.T.: 5.620 min
Delta R.T.: -0.001 min
Response: 426612
Conc: 9.43 ng/ml



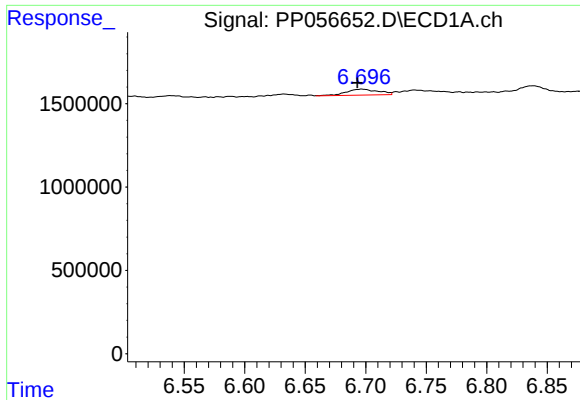
#26 AR-1254-1

R.T.: 6.475 min
Delta R.T.: 0.001 min
Response: 3610304
Conc: 54.85 ng/ml



#26 AR-1254-1

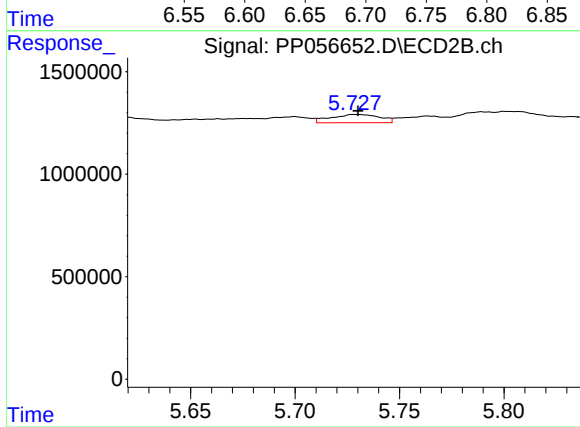
R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 789650
Conc: 9.48 ng/ml



#27 AR-1254-2

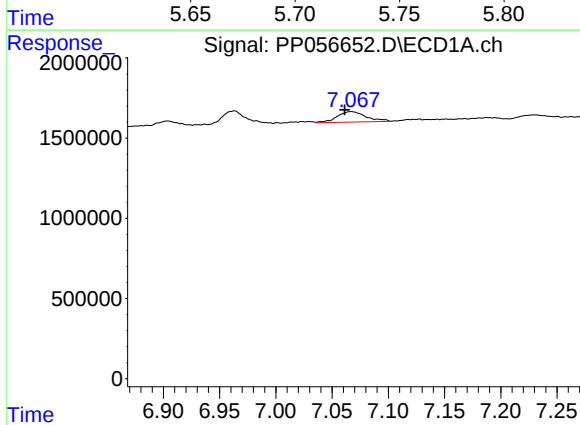
R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 673231
Conc: 7.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



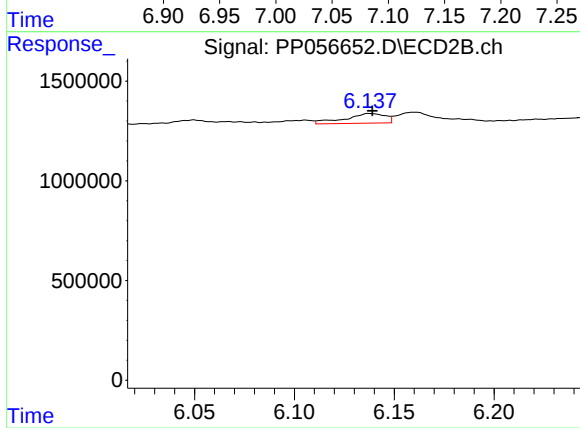
#27 AR-1254-2

R.T.: 5.729 min
Delta R.T.: -0.001 min
Response: 652477
Conc: 9.04 ng/ml



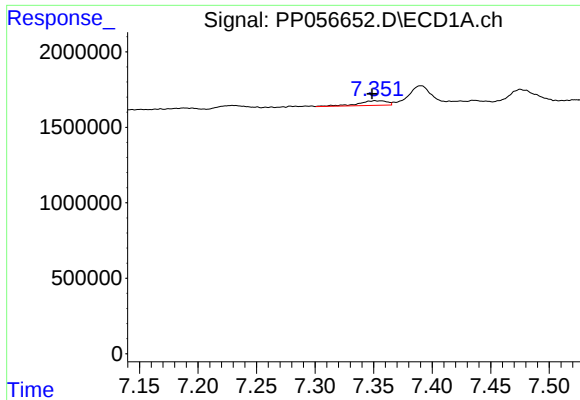
#28 AR-1254-3

R.T.: 7.067 min
Delta R.T.: 0.006 min
Response: 1175512
Conc: 13.31 ng/ml



#28 AR-1254-3

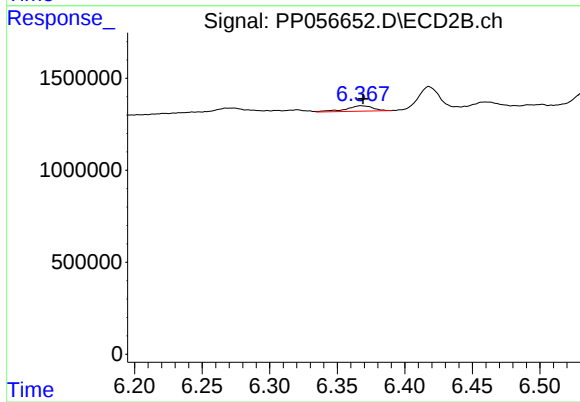
R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 689806
Conc: 6.29 ng/ml



#29 AR-1254-4

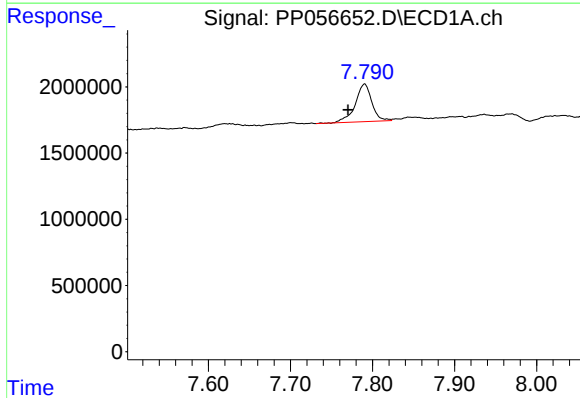
R.T.: 7.351 min
Delta R.T.: 0.003 min
Response: 516702
Conc: 9.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



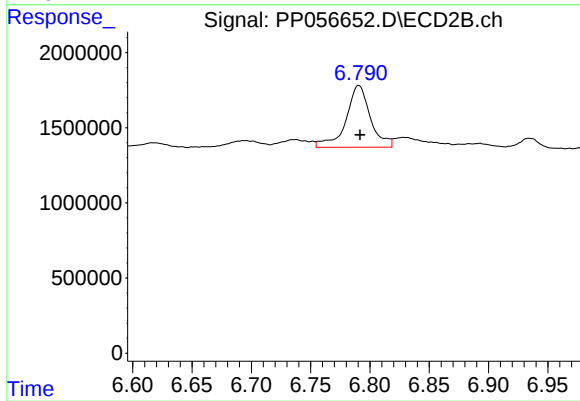
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: -0.001 min
Response: 400099
Conc: 6.84 ng/ml



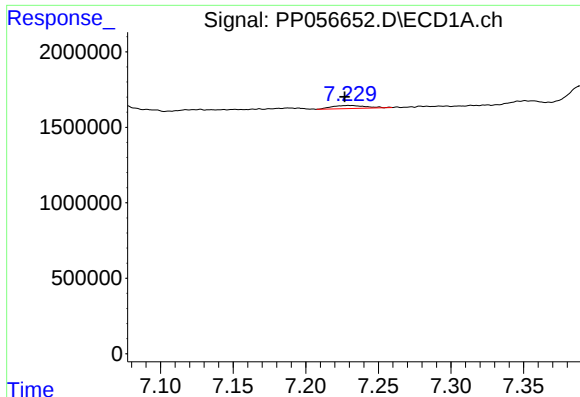
#30 AR-1254-5

R.T.: 7.790 min
Delta R.T.: 0.020 min
Response: 3991872
Conc: 64.25 ng/ml



#30 AR-1254-5

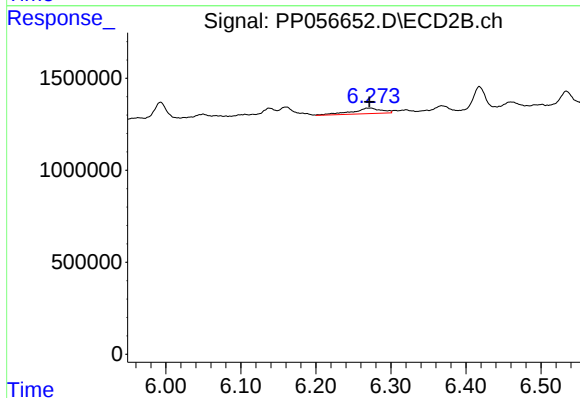
R.T.: 6.791 min
Delta R.T.: -0.001 min
Response: 5877043
Conc: 65.16 ng/ml



#31 AR-1260-1

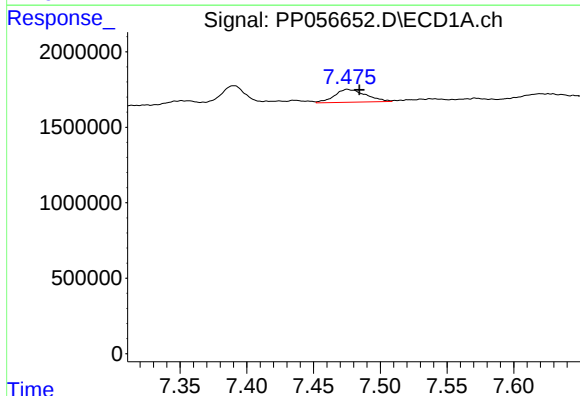
R.T.: 7.230 min
Delta R.T.: 0.003 min
Response: 330406
Conc: 4.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



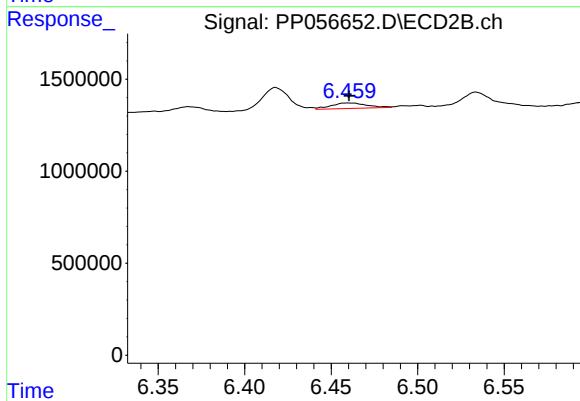
#31 AR-1260-1

R.T.: 6.273 min
Delta R.T.: 0.001 min
Response: 842149
Conc: 10.48 ng/ml



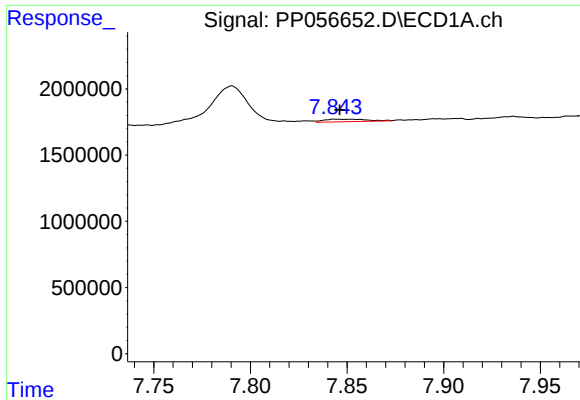
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: -0.009 min
Response: 1385400
Conc: 18.79 ng/ml



#32 AR-1260-2

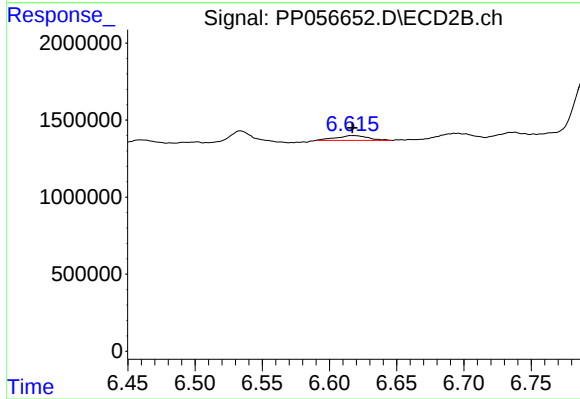
R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 426734
Conc: 4.95 ng/ml



#33 AR-1260-3

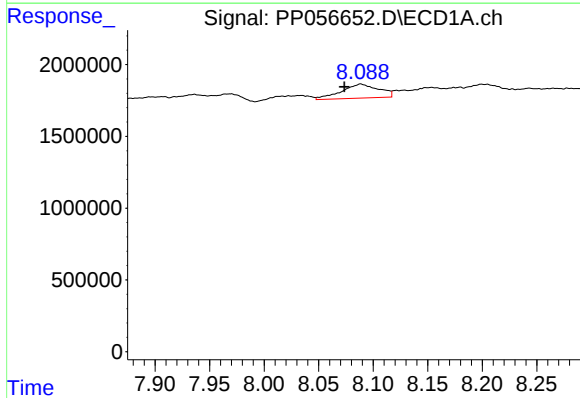
R.T.: 7.852 min
Delta R.T.: 0.006 min
Response: 297698
Conc: 5.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



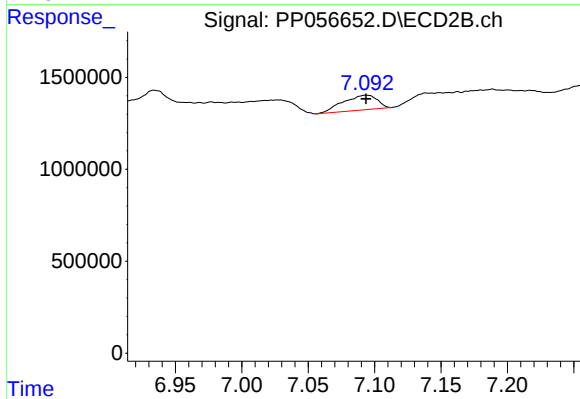
#33 AR-1260-3

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 518642
Conc: 6.12 ng/ml



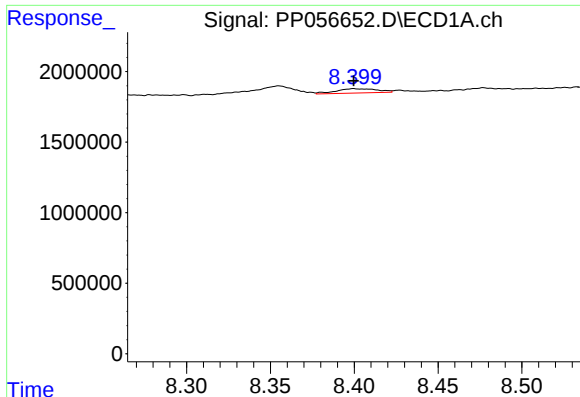
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: 0.015 min
Response: 2338592
Conc: 37.92 ng/ml



#34 AR-1260-4

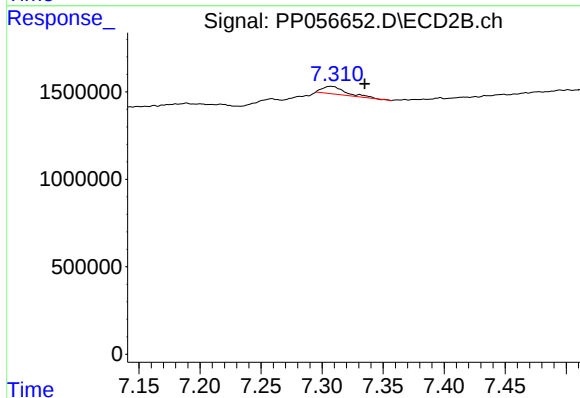
R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 1424145
Conc: 20.75 ng/ml



#35 AR-1260-5

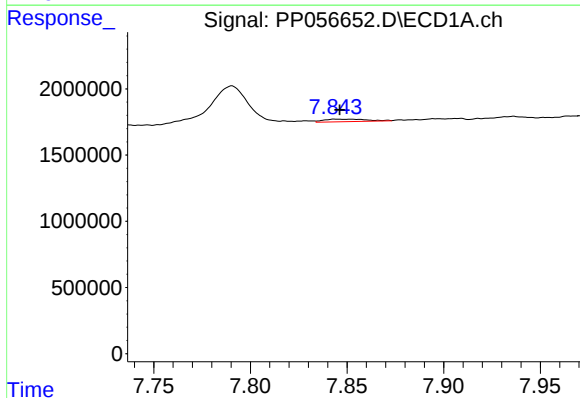
R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 522351
Conc: 4.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



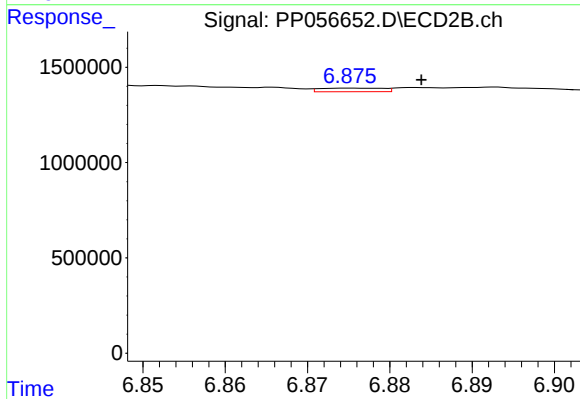
#35 AR-1260-5

R.T.: 7.307 min
Delta R.T.: -0.028 min
Response: 580205
Conc: 4.41 ng/ml



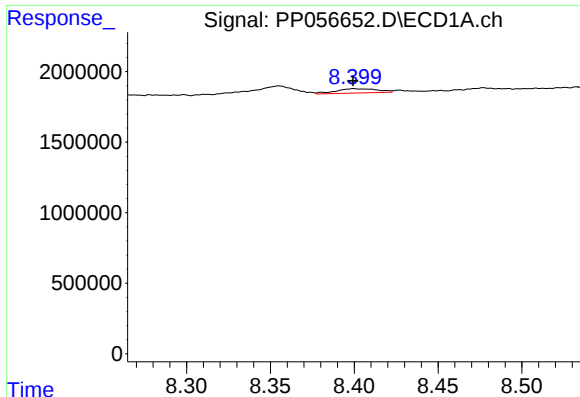
#36 AR-1262-1

R.T.: 7.852 min
Delta R.T.: 0.005 min
Response: 297698
Conc: 3.62 ng/ml



#36 AR-1262-1

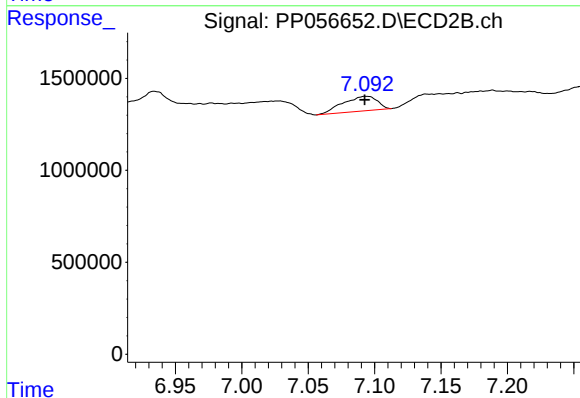
R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 101011
Conc: 2.38 ng/ml



#37 AR-1262-2

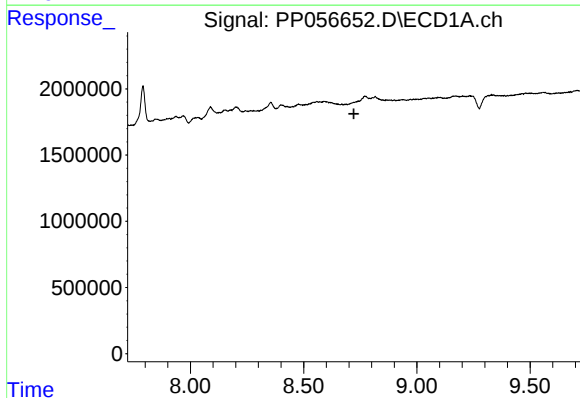
R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 522351
Conc: 4.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



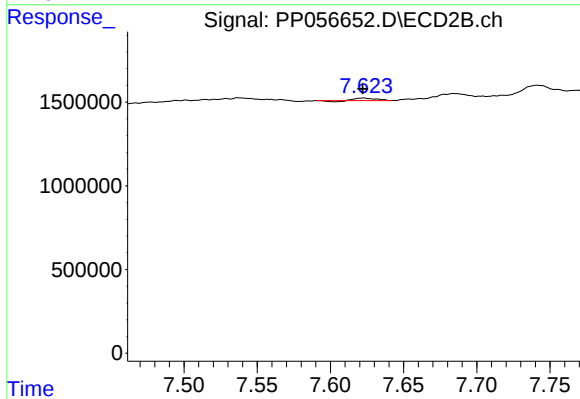
#37 AR-1262-2

R.T.: 7.094 min
Delta R.T.: 0.001 min
Response: 1424145
Conc: 16.02 ng/ml



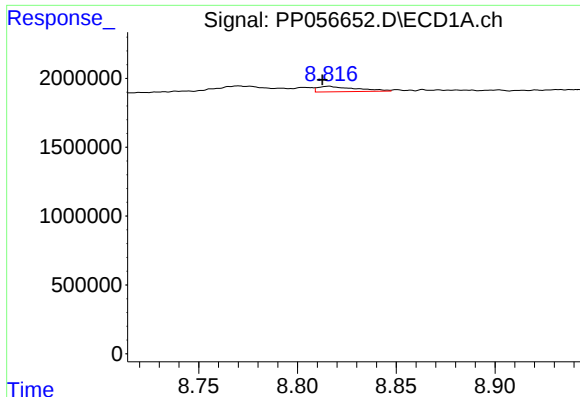
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.722 min
Response: 0
Conc: N.D.



#38 AR-1262-3

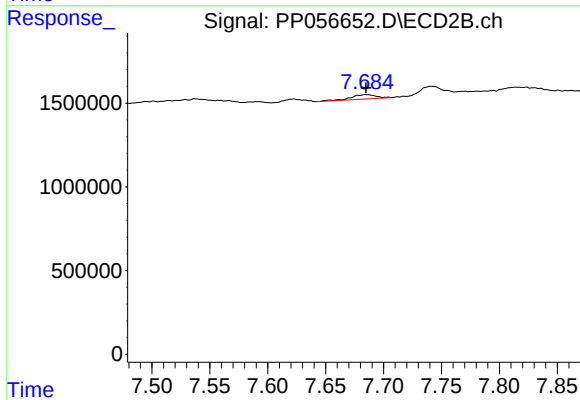
R.T.: 7.622 min
Delta R.T.: 0.000 min
Response: 108144
Conc: 1.64 ng/ml



#39 AR-1262-4

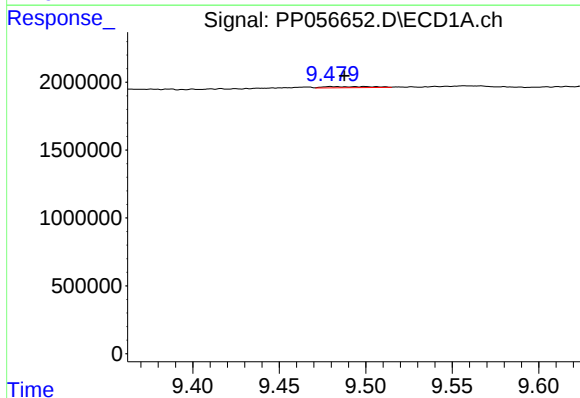
R.T.: 8.816 min
Delta R.T.: 0.003 min
Response: 541545
Conc: 12.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



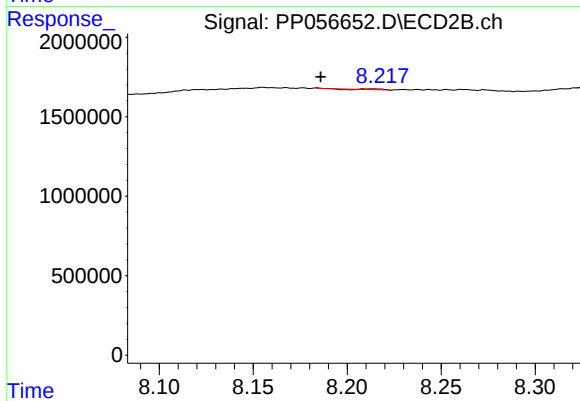
#39 AR-1262-4

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 393459
Conc: 3.45 ng/ml



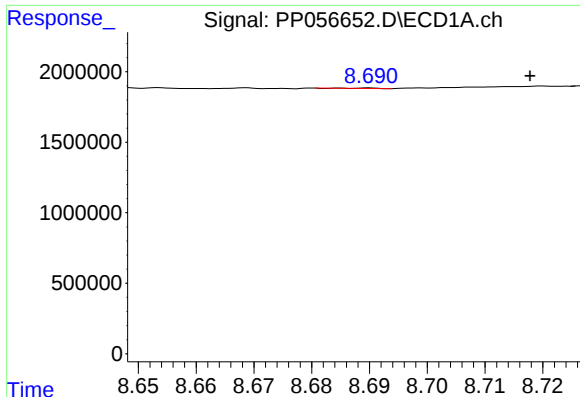
#40 AR-1262-5

R.T.: 9.480 min
Delta R.T.: -0.008 min
Response: 172569
Conc: 4.28 ng/ml



#40 AR-1262-5

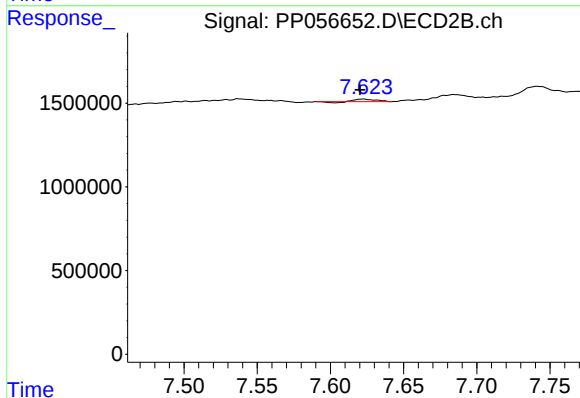
R.T.: 8.213 min
Delta R.T.: 0.027 min
Response: 28953
Conc: 0.58 ng/ml



#41 AR-1268-1

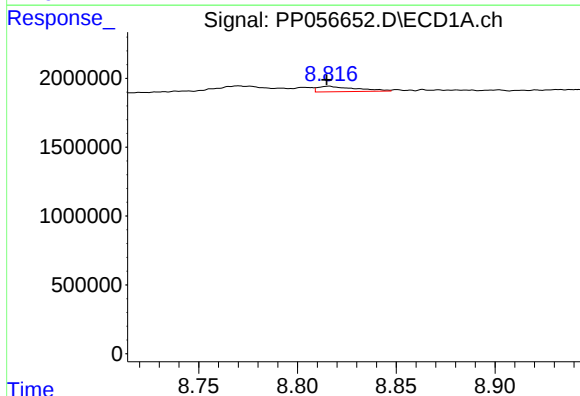
R.T.: 8.690 min
Delta R.T.: -0.028 min
Response: 6314
Conc: 0.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



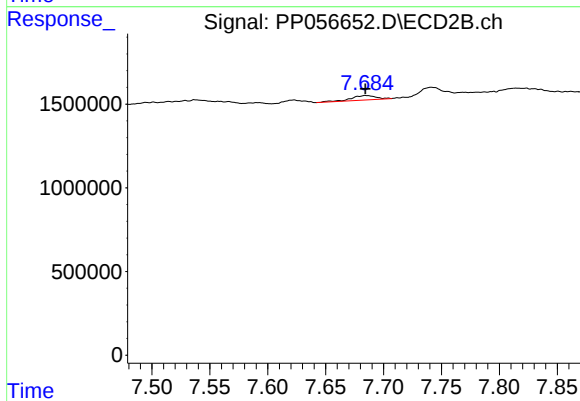
#41 AR-1268-1

R.T.: 7.622 min
Delta R.T.: 0.002 min
Response: 108144
Conc: 0.56 ng/ml



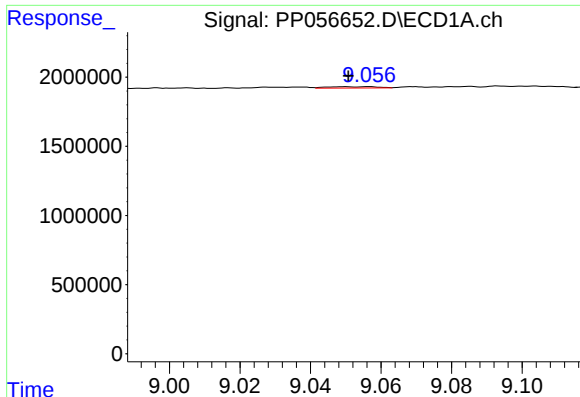
#42 AR-1268-2

R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 541545
Conc: 3.62 ng/ml



#42 AR-1268-2

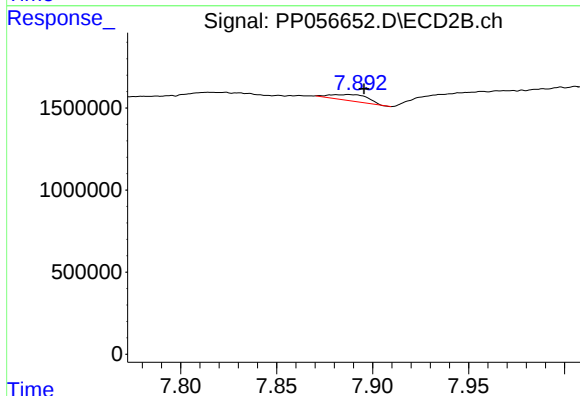
R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 393459
Conc: 2.23 ng/ml



#43 AR-1268-3

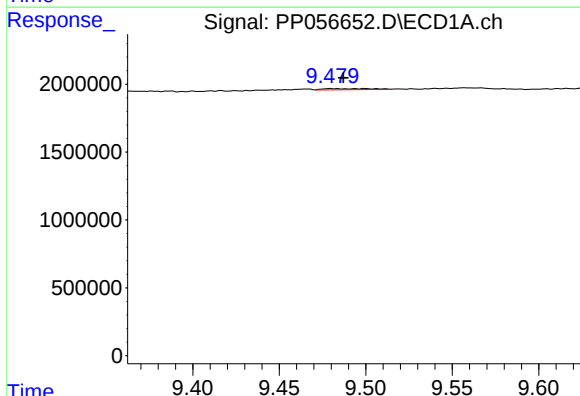
R.T.: 9.056 min
Delta R.T.: 0.006 min
Response: 98841
Conc: 0.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



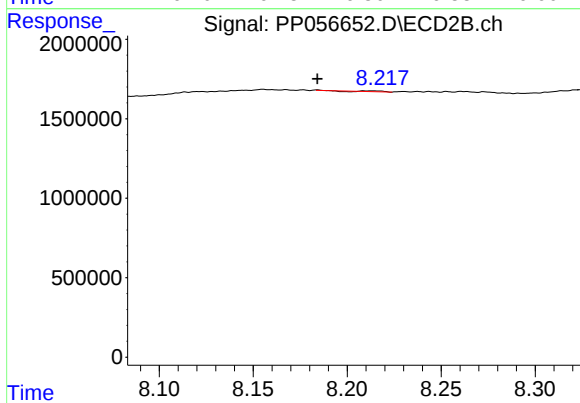
#43 AR-1268-3

R.T.: 7.887 min
Delta R.T.: -0.008 min
Response: 509762
Conc: 3.08 ng/ml



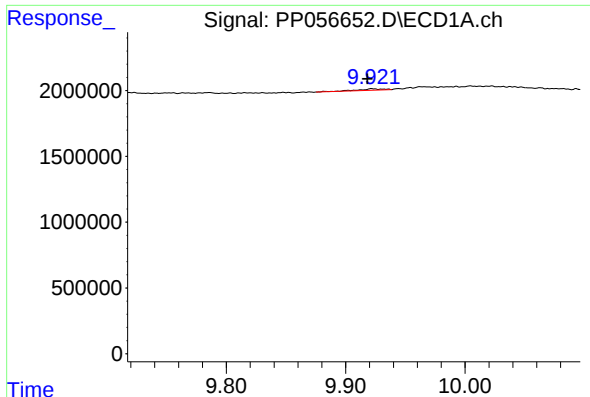
#44 AR-1268-4

R.T.: 9.480 min
Delta R.T.: -0.007 min
Response: 172569
Conc: 3.89 ng/ml



#44 AR-1268-4

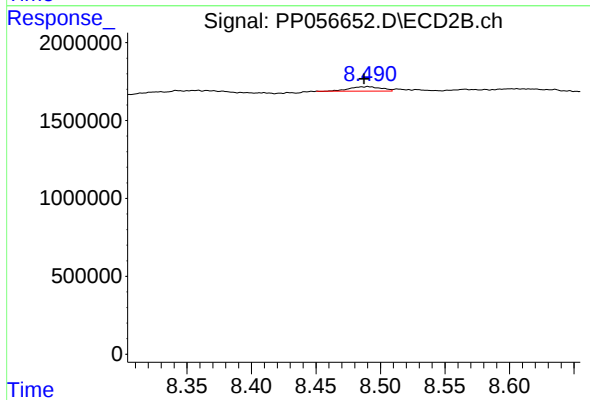
R.T.: 8.213 min
Delta R.T.: 0.029 min
Response: 28953
Conc: 0.51 ng/ml



#45 AR-1268-5

R.T.: 9.922 min
Delta R.T.: 0.004 min
Response: 152057
Conc: 0.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 498120
Conc: 1.15 ng/ml