

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060471.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2023 11:01
 Operator : YP\AJ
 Sample : 04627-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 01:04:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.531	3.683	47868780	34725043	21.375	23.329
2) SA Decachlor...	10.459	8.748	37587438	33780274	21.290	20.709
Target Compounds						
3) L1 AR-1016-1	0.000	4.780	0	35237	N.D.	0.606 #
4) L1 AR-1016-2	0.000	4.802	0	26549	N.D.	0.330 #
5) L1 AR-1016-3	0.000	4.981	0	2722627	N.D.	60.919 #
6) L1 AR-1016-4	0.000	5.054f	0	2092258	N.D.	58.145 #
7) L1 AR-1016-5	0.000	5.240	0	564881	N.D.	11.625 #
8) L2 AR-1221-1	4.741	3.909	309212	3224556	10.704	154.358 #
9) L2 AR-1221-2	4.843	3.977	780922	2587735	36.551	173.547 #
10) L2 AR-1221-3	0.000	4.072	0	13788	N.D.	0.314 #
11) L3 AR-1232-1	4.943f	4.062	4301432	22522	85.451	0.619 #
12) L3 AR-1232-2	0.000	4.802	0	26549	N.D.	0.728 #
13) L3 AR-1232-3	0.000	4.981	0	2722627	N.D.	136.028 #
14) L3 AR-1232-4	5.941f	5.066	592658	234909	24.112	12.586 #
15) L3 AR-1232-5	0.000	5.240	0	564881	N.D.	27.159 #
16) L4 AR-1242-1	0.000	4.780	0	35237	N.D.	0.696 #
17) L4 AR-1242-2	0.000	4.802	0	26549	N.D.	0.382 #
18) L4 AR-1242-3	0.000	4.981	0	2722627	N.D.	70.698 #
19) L4 AR-1242-4	0.000	5.066	0	234909	N.D.	5.965 #
20) L4 AR-1242-5	6.647	5.588	4206006	2412572	83.625	49.320 #
21) L5 AR-1248-1	0.000	4.780	0	35237	N.D.	0.966 #
23) L5 AR-1248-3	0.000	5.066	0	234909	N.D.	4.231 #
24) L5 AR-1248-4	6.621	5.240	1008879	564881	12.198	8.581 #
25) L5 AR-1248-5	6.647	5.643	4206006	658722	52.260	10.241 #
26) L6 AR-1254-1	6.586	5.588	7340351	2412572	86.013	24.389 #
27) L6 AR-1254-2	6.831f	5.742	17366604	724449	136.074	8.429 #
28) L6 AR-1254-3	7.179	6.145	14837052	1533221	111.627	10.697 #
29) L6 AR-1254-4	7.441f	6.380	3439562	242091	34.977	2.777 #
30) L6 AR-1254-5	7.889	6.803	2735672	115339	25.250	0.910 #
31) L7 AR-1260-1	7.359	6.283	7258193	263488	69.241	2.625 #
32) L7 AR-1260-2	0.000	6.483	0	47535	N.D.	0.398 #
33) L7 AR-1260-3	7.960	6.622	3550257	15912	38.302	0.139 #
34) L7 AR-1260-4	8.196	7.107	634134	40906	5.980	0.430 #
35) L7 AR-1260-5	0.000	7.338	0	76517	N.D.	0.353 #
36) L8 AR-1262-1	7.960	6.890	3550257	31683	28.462	0.592 #
37) L8 AR-1262-2	0.000	7.107	0	40906	N.D.	0.347 #
38) L8 AR-1262-3	0.000	7.634	0	434640	N.D.	4.714 #
39) L8 AR-1262-4	8.948	7.680	1045037	696313	8.732	4.133 #
40) L8 AR-1262-5	0.000	8.188	0	8874	N.D.	0.115 #
41) L9 AR-1268-1	0.000	7.634	0	434640	N.D.	1.599 #
42) L9 AR-1268-2	8.948	7.702	1045037	27527	4.288	0.113 #

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Instrument :
 ECD_P
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 01:04:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

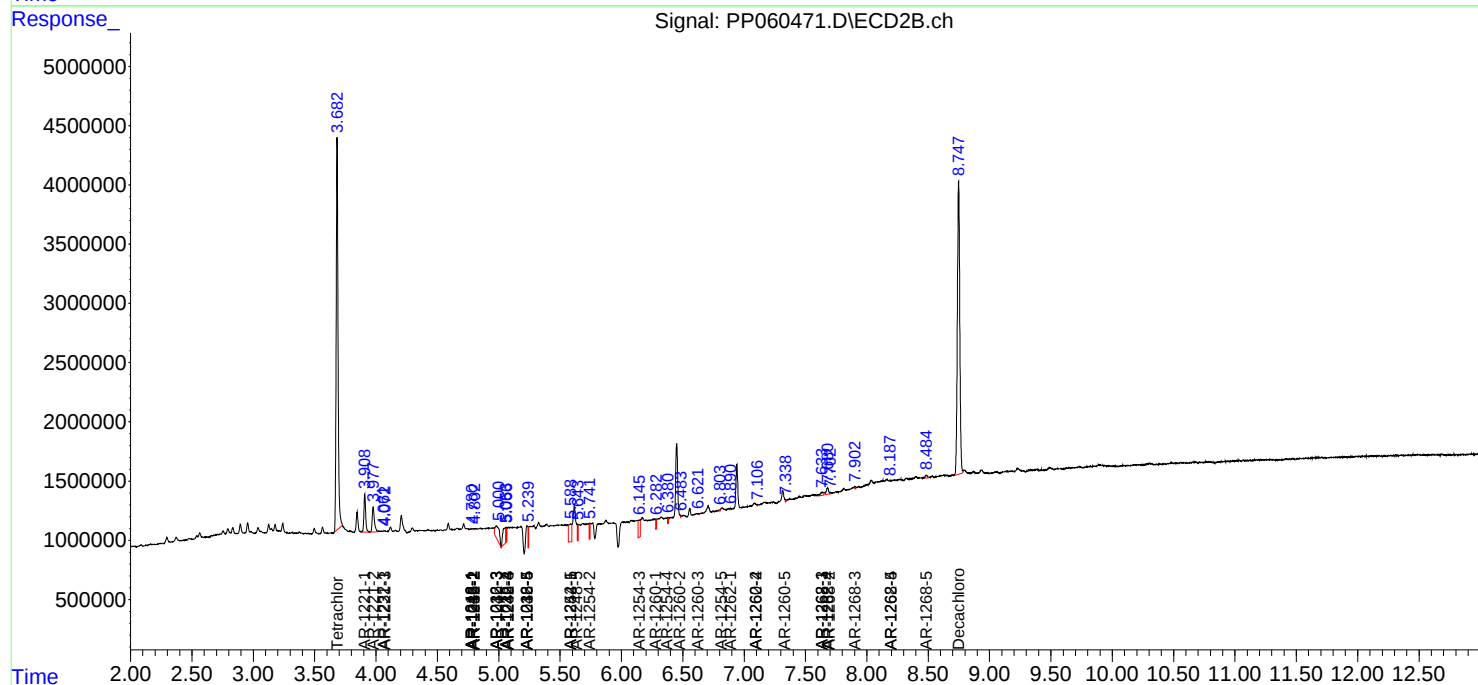
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

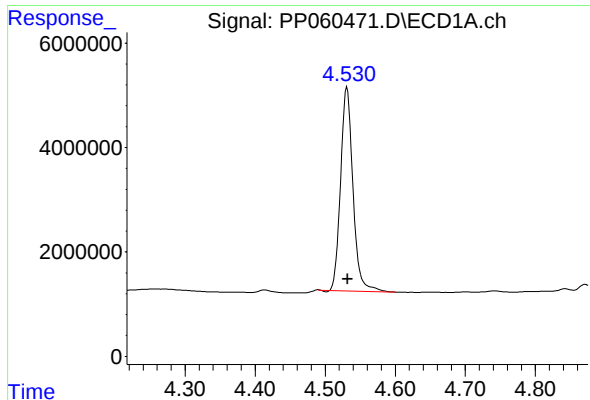
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	7.903	0	95407	N.D.	0.446 #
44) L9	AR-1268-4	0.000	8.188	0	8874	N.D.	0.101 #
45) L9	AR-1268-5	0.000	8.485	0	284884	N.D.	0.456 #

(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

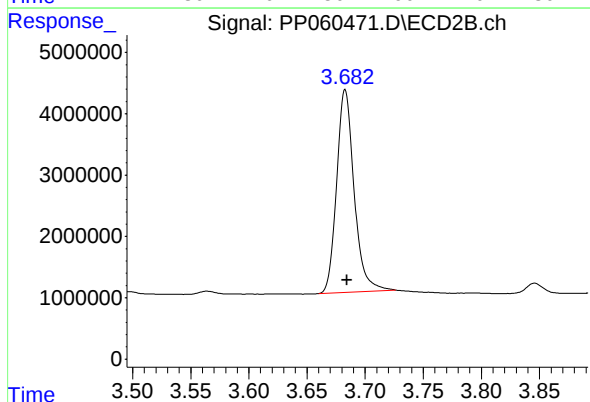




#1 Tetrachloro-m-xylene

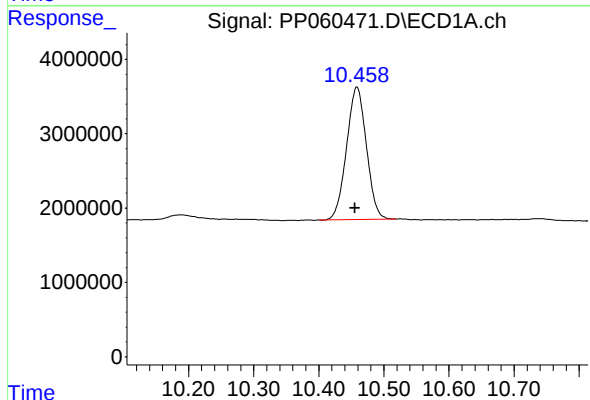
R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 47868780
Conc: 21.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



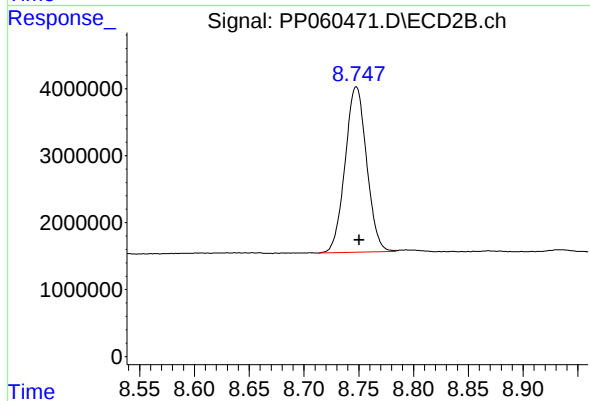
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 34725043
Conc: 23.33 ng/ml



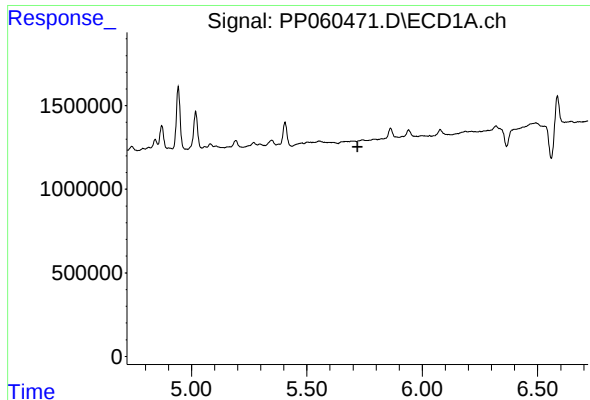
#2 Decachlorobiphenyl

R.T.: 10.459 min
Delta R.T.: 0.003 min
Response: 37587438
Conc: 21.29 ng/ml



#2 Decachlorobiphenyl

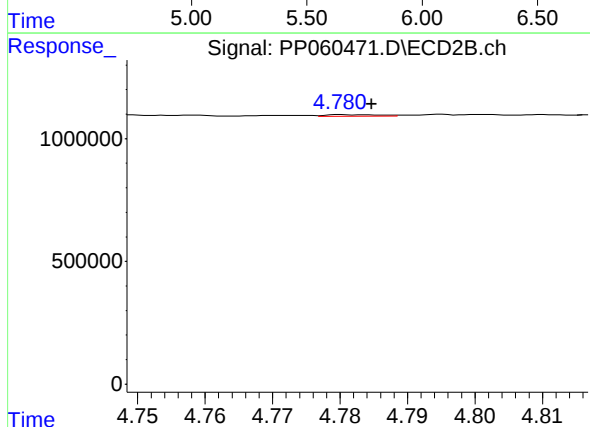
R.T.: 8.748 min
Delta R.T.: -0.003 min
Response: 33780274
Conc: 20.71 ng/ml



#3 AR-1016-1

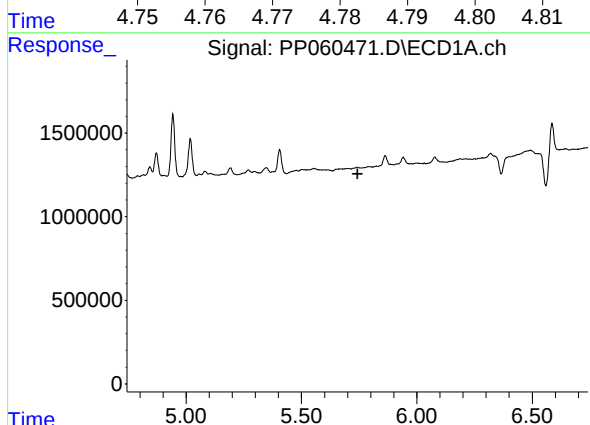
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



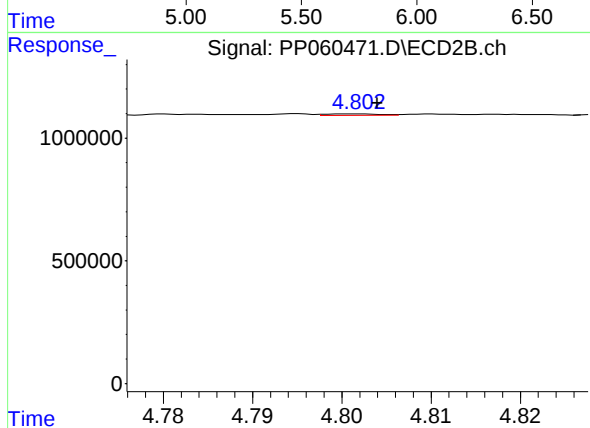
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: -0.005 min
Response: 35237
Conc: 0.61 ng/ml



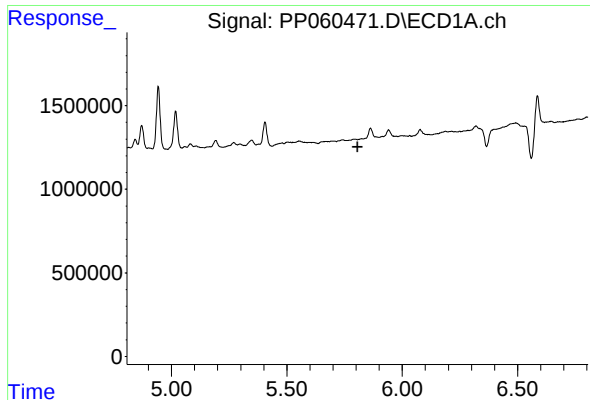
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.



#4 AR-1016-2

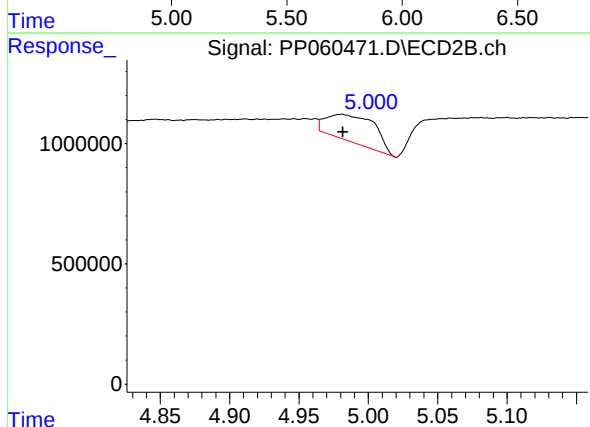
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 26549
Conc: 0.33 ng/ml



#5 AR-1016-3

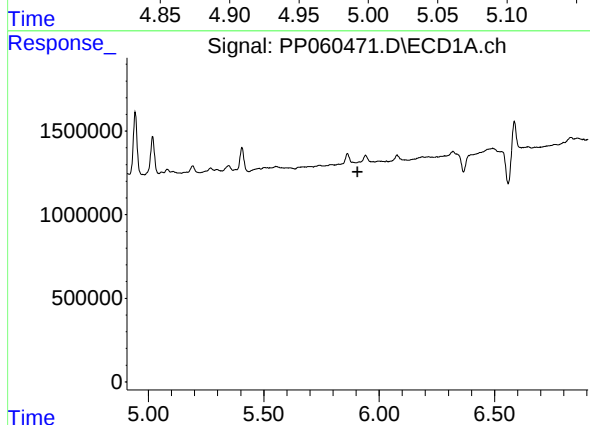
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



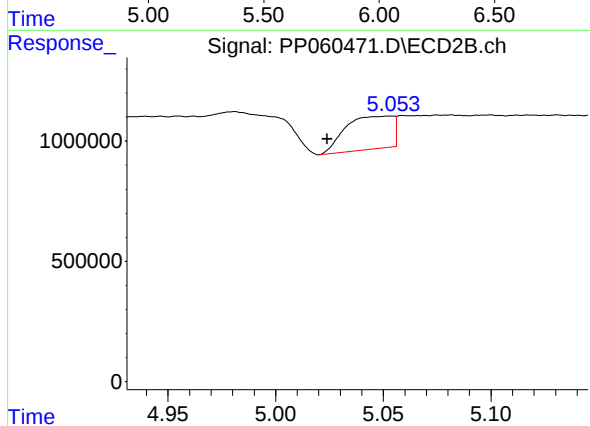
#5 AR-1016-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 2722627
Conc: 60.92 ng/ml



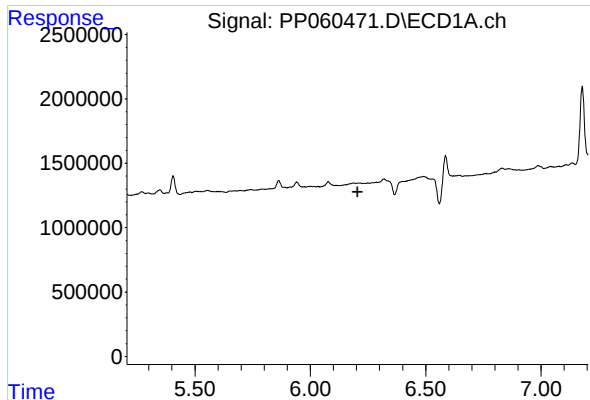
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.906 min
Response: 0
Conc: N.D.



#6 AR-1016-4

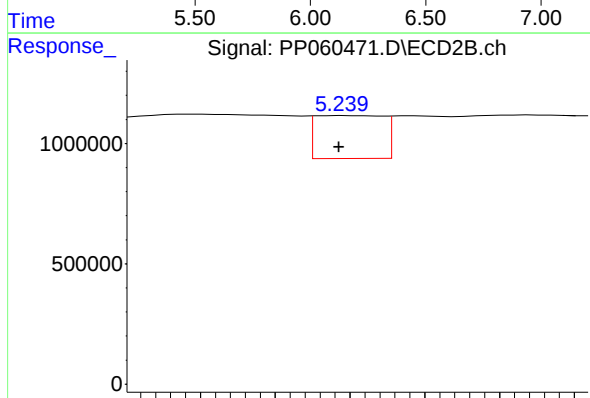
R.T.: 5.054 min
Delta R.T.: 0.030 min
Response: 2092258
Conc: 58.14 ng/ml



#7 AR-1016-5

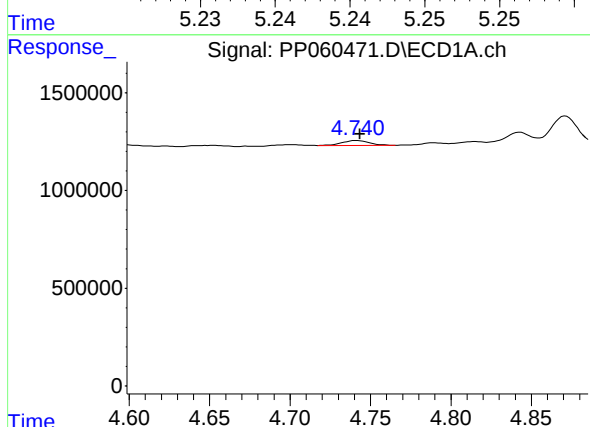
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



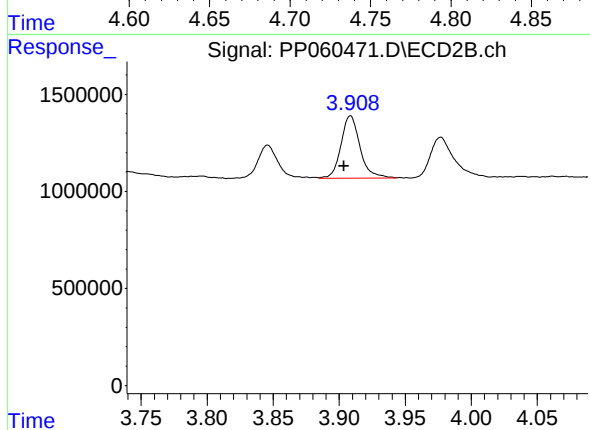
#7 AR-1016-5

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 564881
Conc: 11.63 ng/ml



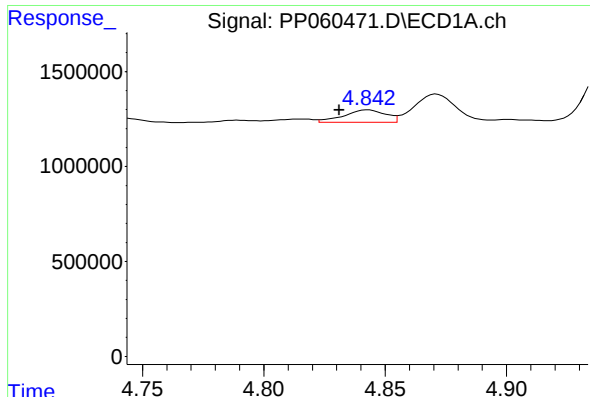
#8 AR-1221-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 309212
Conc: 10.70 ng/ml



#8 AR-1221-1

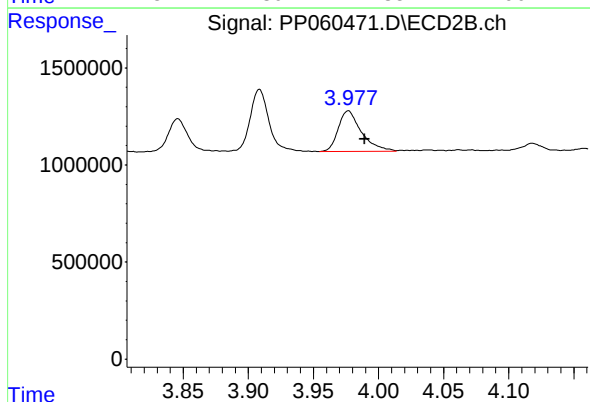
R.T.: 3.909 min
Delta R.T.: 0.005 min
Response: 3224556
Conc: 154.36 ng/ml



#9 AR-1221-2

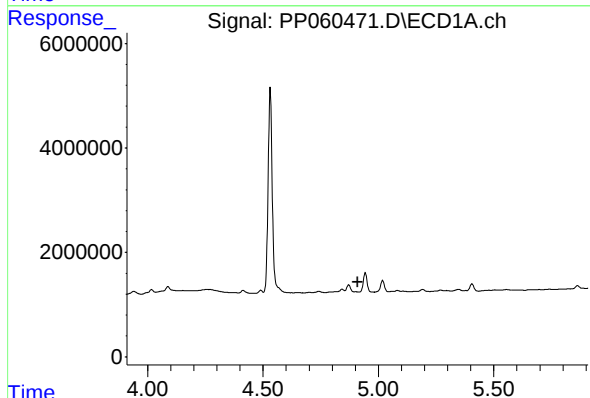
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 780922
Conc: 36.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



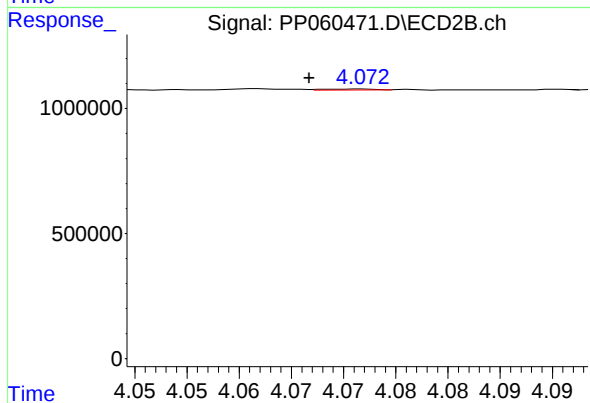
#9 AR-1221-2

R.T.: 3.977 min
Delta R.T.: -0.012 min
Response: 2587735
Conc: 173.55 ng/ml



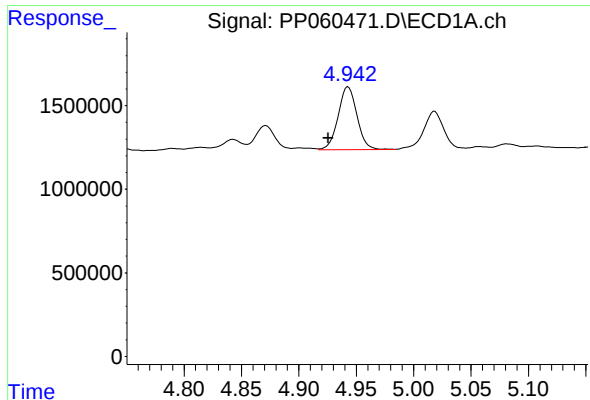
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.909 min
Response: 0
Conc: N.D.



#10 AR-1221-3

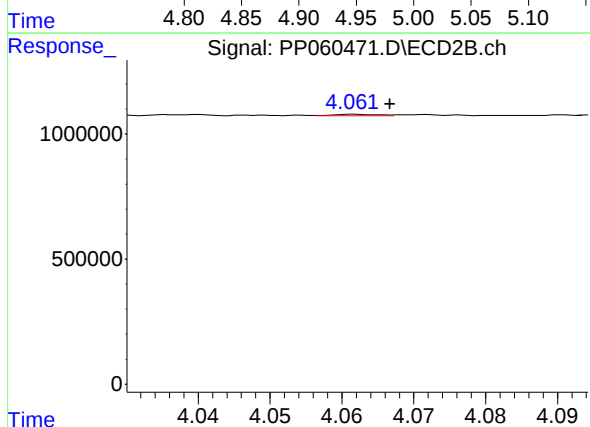
R.T.: 4.072 min
Delta R.T.: 0.005 min
Response: 13788
Conc: 0.31 ng/ml



#11 AR-1232-1

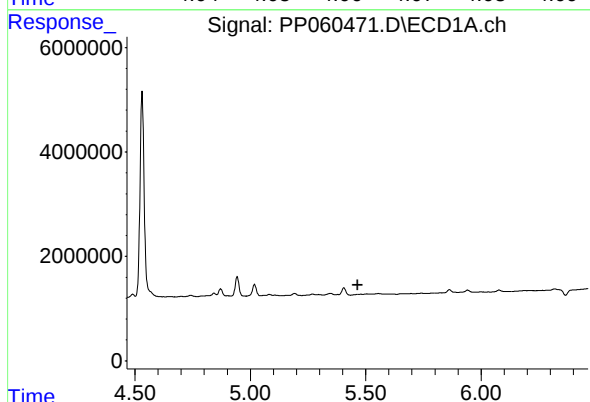
R.T.: 4.943 min
Delta R.T.: 0.017 min
Response: 4301432
Conc: 85.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



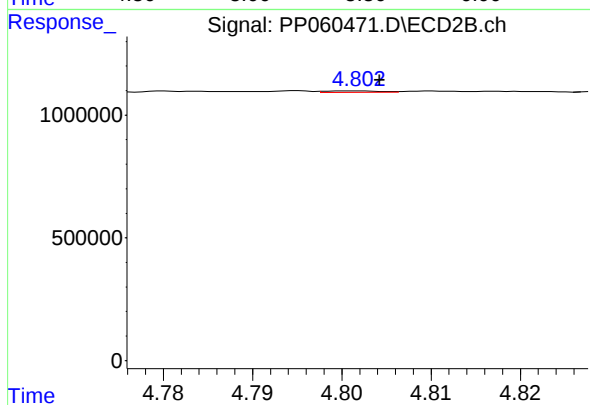
#11 AR-1232-1

R.T.: 4.062 min
Delta R.T.: -0.005 min
Response: 22522
Conc: 0.62 ng/ml



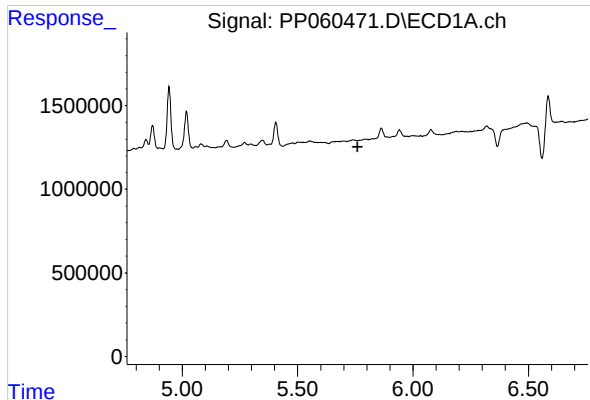
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

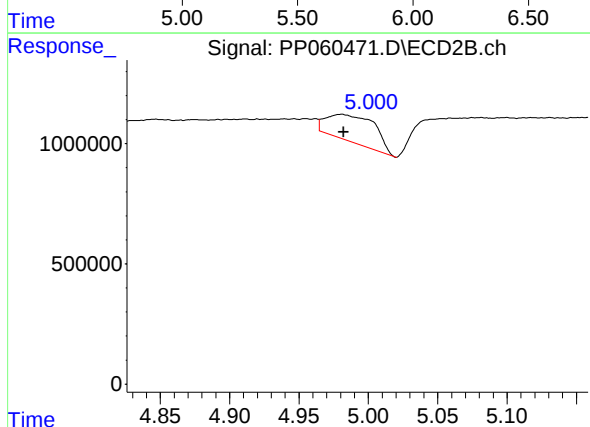
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 26549
Conc: 0.73 ng/ml



#13 AR-1232-3

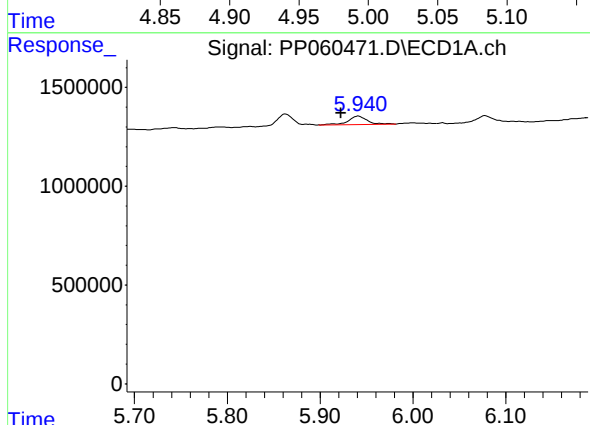
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



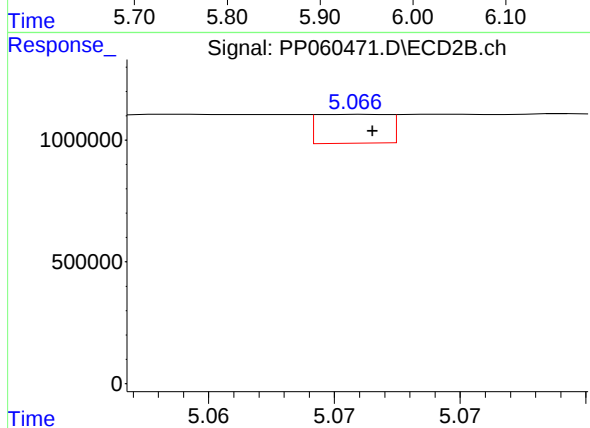
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 2722627
Conc: 136.03 ng/ml



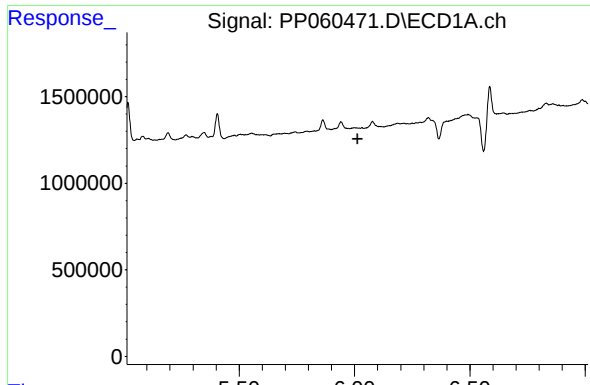
#14 AR-1232-4

R.T.: 5.941 min
Delta R.T.: 0.019 min
Response: 592658
Conc: 24.11 ng/ml



#14 AR-1232-4

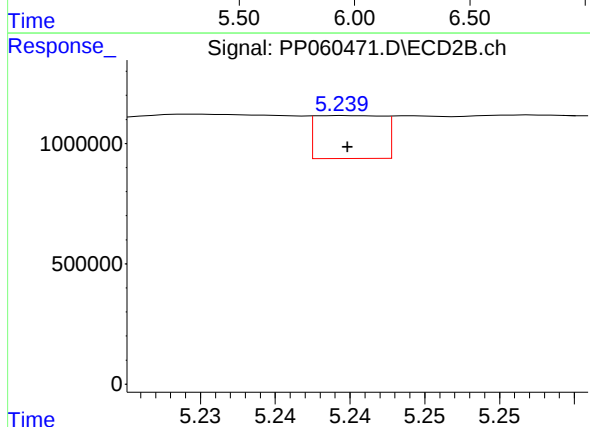
R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 234909
Conc: 12.59 ng/ml



#15 AR-1232-5

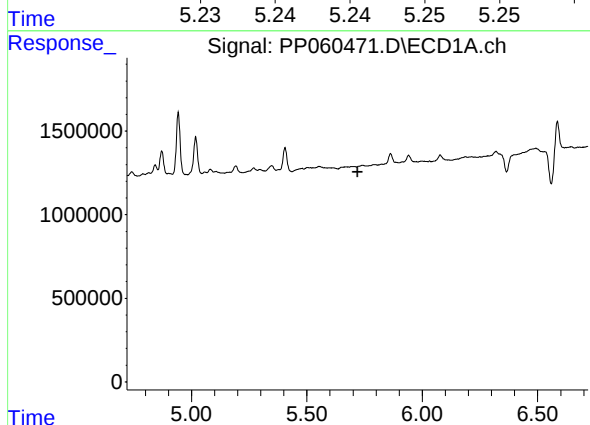
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



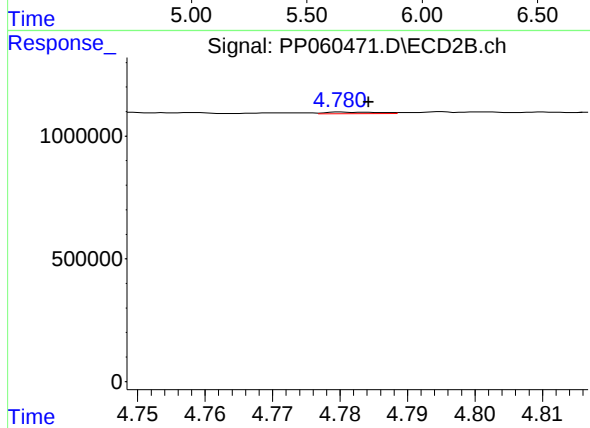
#15 AR-1232-5

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 564881
Conc: 27.16 ng/ml



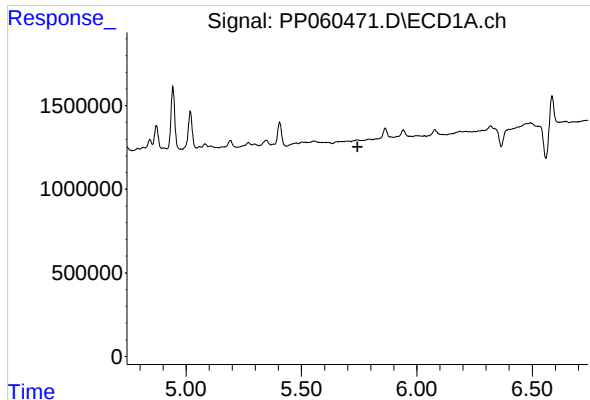
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.



#16 AR-1242-1

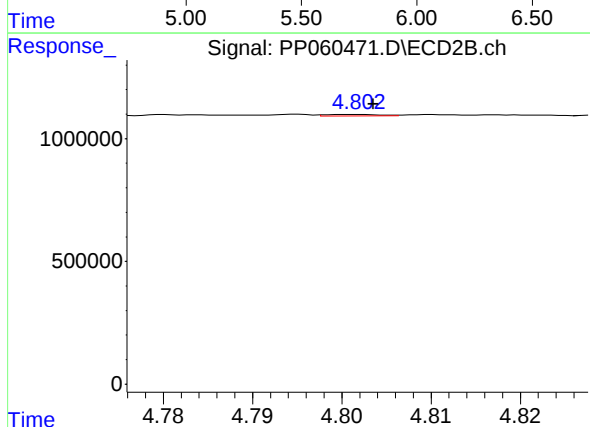
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 35237
Conc: 0.70 ng/ml



#17 AR-1242-2

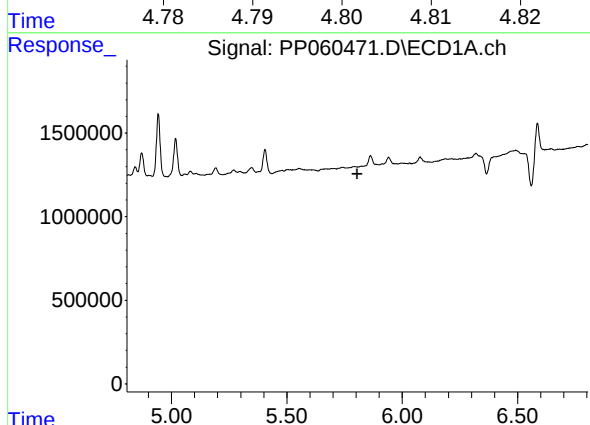
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



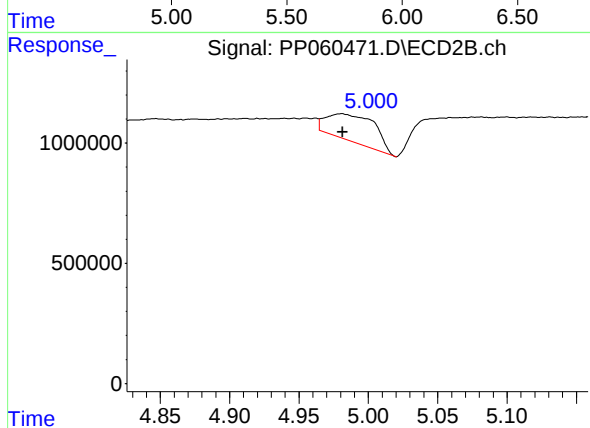
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 26549
Conc: 0.38 ng/ml



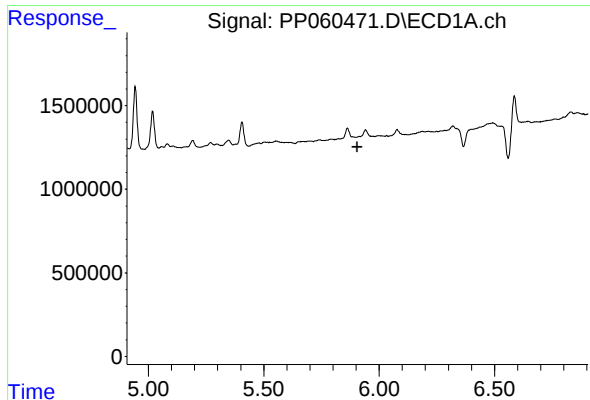
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.805 min
Response: 0
Conc: N.D.



#18 AR-1242-3

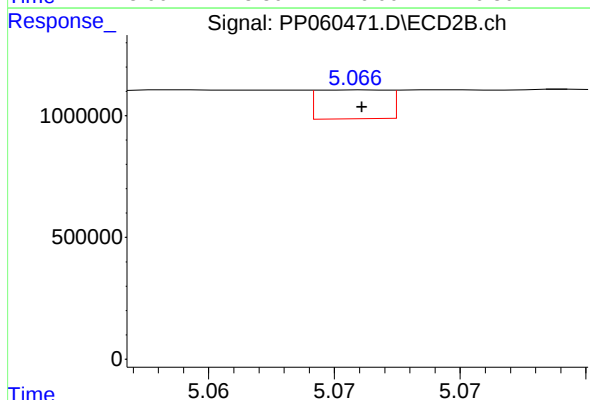
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 2722627
Conc: 70.70 ng/ml



#19 AR-1242-4

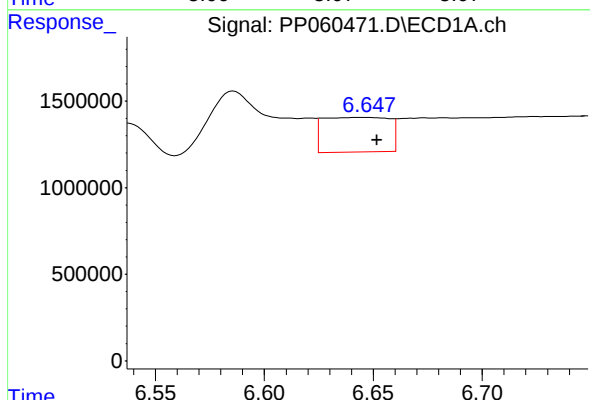
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



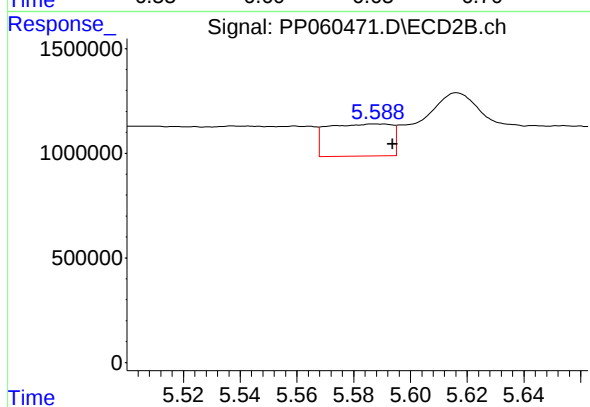
#19 AR-1242-4

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 234909
Conc: 5.96 ng/ml



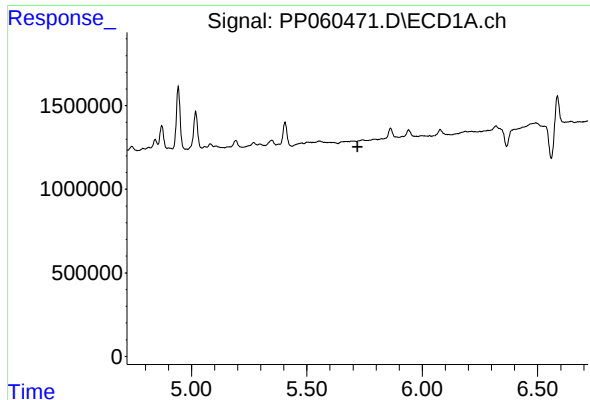
#20 AR-1242-5

R.T.: 6.647 min
Delta R.T.: -0.004 min
Response: 4206006
Conc: 83.63 ng/ml



#20 AR-1242-5

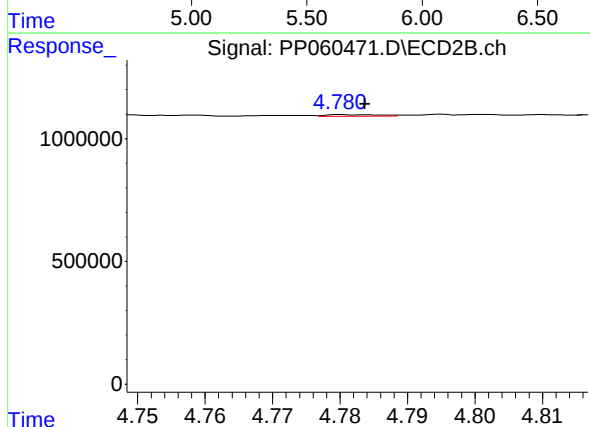
R.T.: 5.588 min
Delta R.T.: -0.006 min
Response: 2412572
Conc: 49.32 ng/ml



#21 AR-1248-1

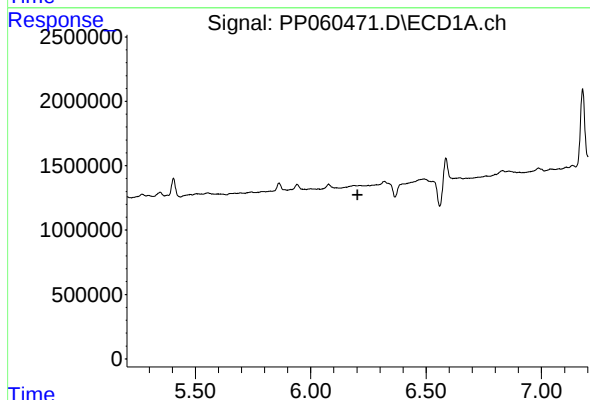
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



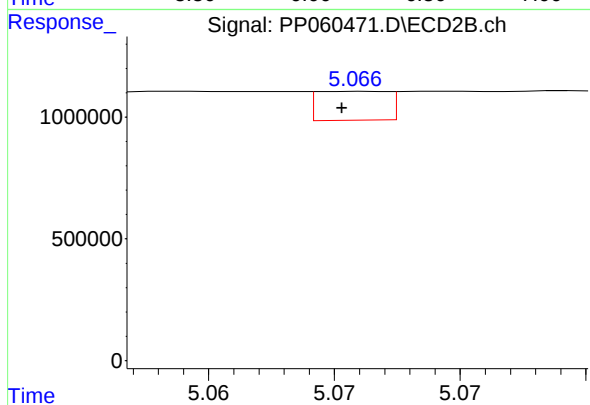
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 35237
Conc: 0.97 ng/ml



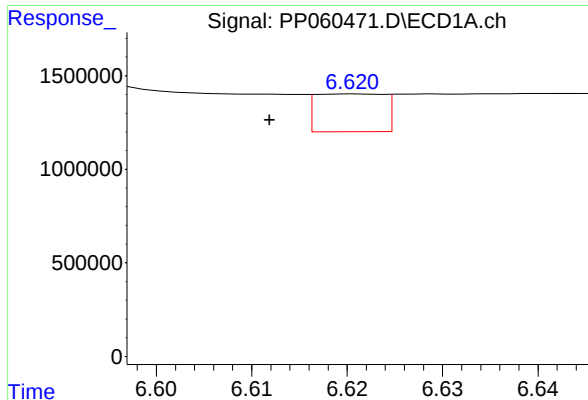
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.



#23 AR-1248-3

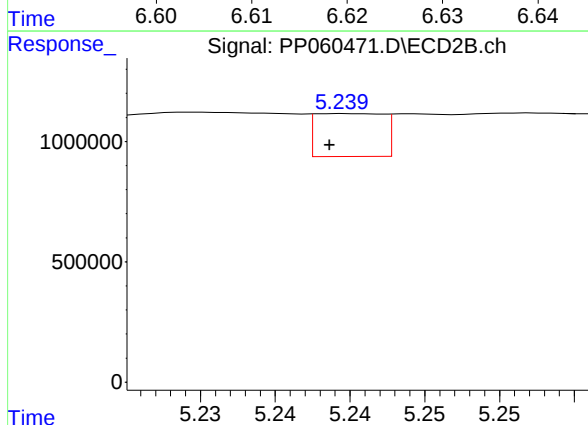
R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 234909
Conc: 4.23 ng/ml



#24 AR-1248-4

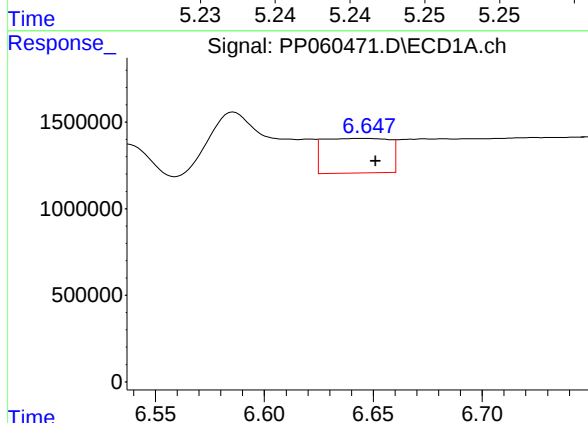
R.T.: 6.621 min
Delta R.T.: 0.009 min
Response: 1008879
Conc: 12.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



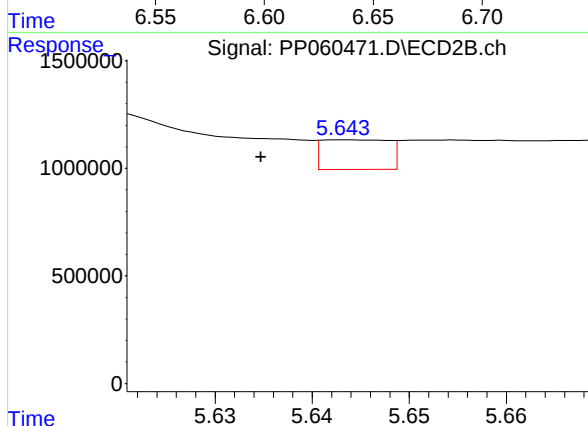
#24 AR-1248-4

R.T.: 5.240 min
Delta R.T.: 0.001 min
Response: 564881
Conc: 8.58 ng/ml



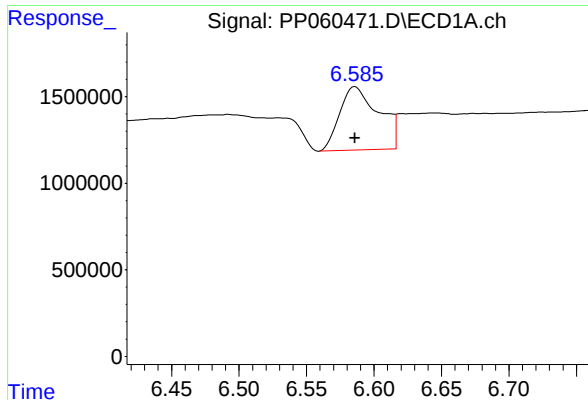
#25 AR-1248-5

R.T.: 6.647 min
Delta R.T.: -0.004 min
Response: 4206006
Conc: 52.26 ng/ml



#25 AR-1248-5

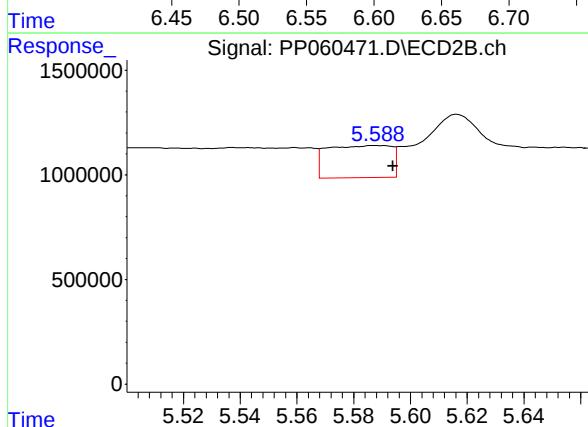
R.T.: 5.643 min
Delta R.T.: 0.009 min
Response: 658722
Conc: 10.24 ng/ml



#26 AR-1254-1

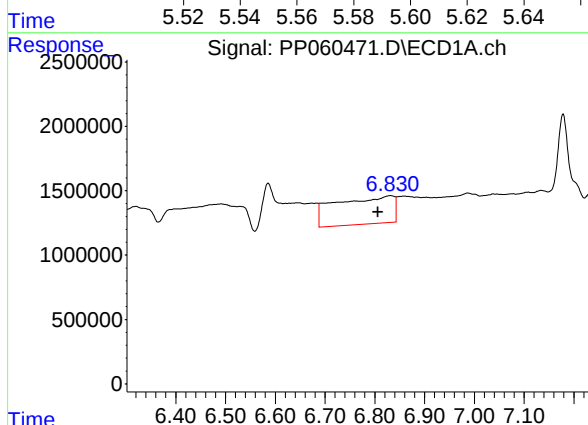
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 7340351
Conc: 86.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



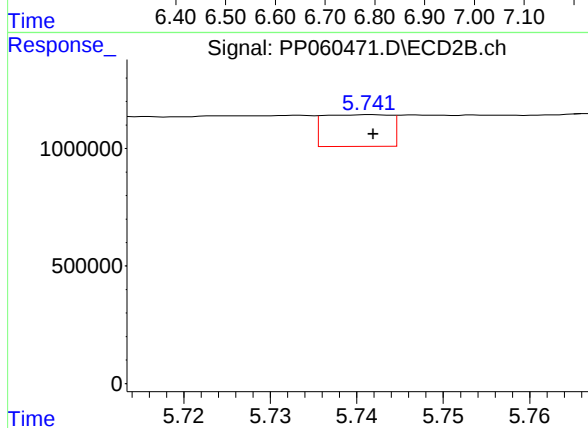
#26 AR-1254-1

R.T.: 5.588 min
Delta R.T.: -0.006 min
Response: 2412572
Conc: 24.39 ng/ml



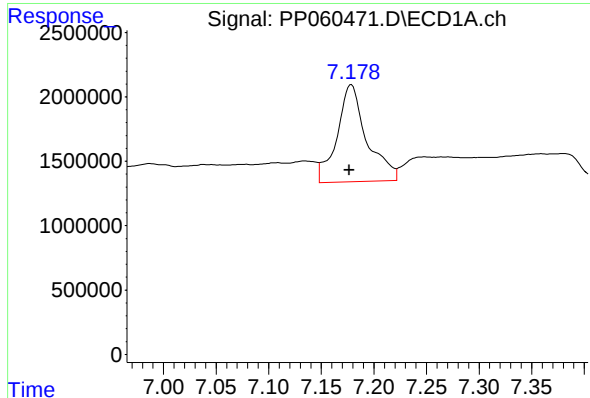
#27 AR-1254-2

R.T.: 6.831 min
Delta R.T.: 0.025 min
Response: 17366604
Conc: 136.07 ng/ml



#27 AR-1254-2

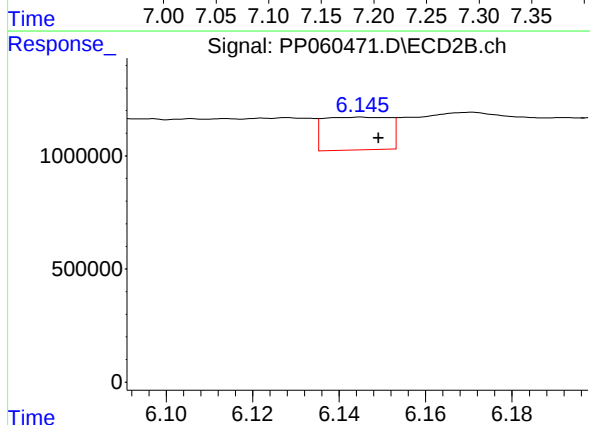
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 724449
Conc: 8.43 ng/ml



#28 AR-1254-3

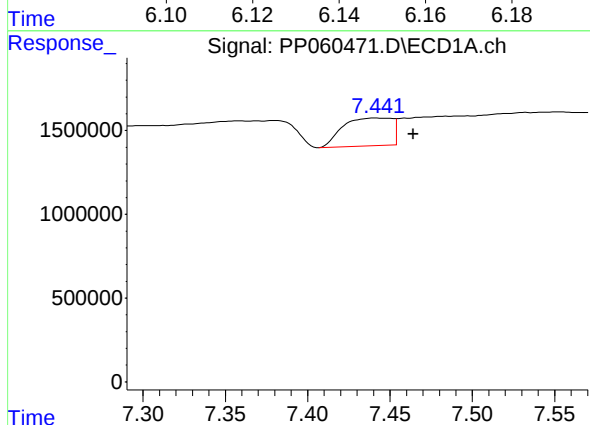
R.T.: 7.179 min
Delta R.T.: 0.002 min
Response: 14837052
Conc: 111.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



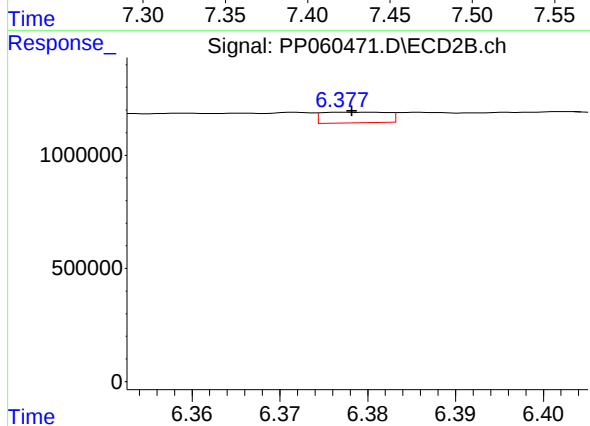
#28 AR-1254-3

R.T.: 6.145 min
Delta R.T.: -0.004 min
Response: 1533221
Conc: 10.70 ng/ml



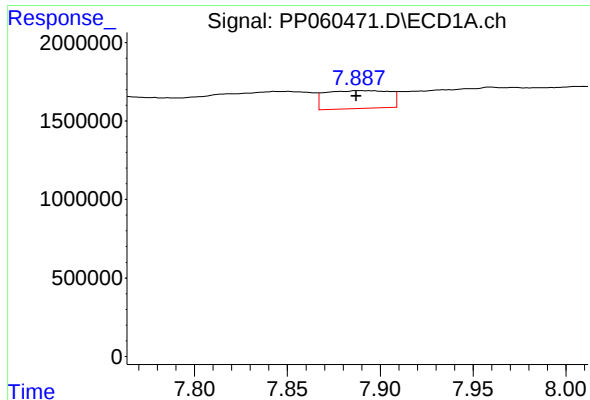
#29 AR-1254-4

R.T.: 7.441 min
Delta R.T.: -0.023 min
Response: 3439562
Conc: 34.98 ng/ml



#29 AR-1254-4

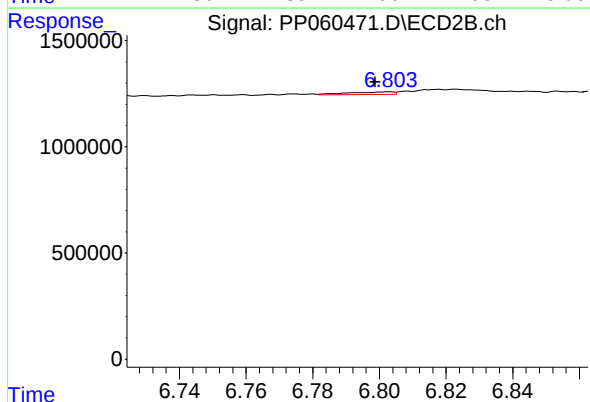
R.T.: 6.380 min
Delta R.T.: 0.002 min
Response: 242091
Conc: 2.78 ng/ml



#30 AR-1254-5

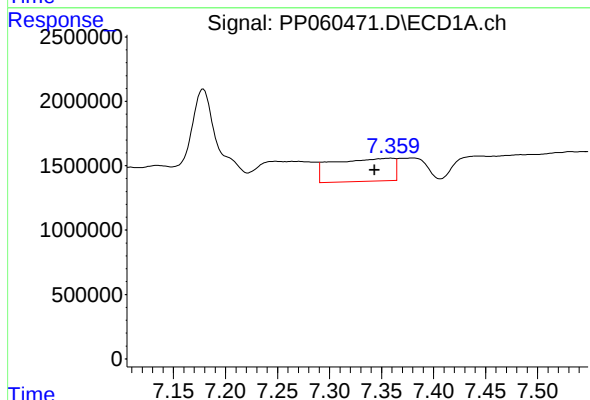
R.T.: 7.889 min
Delta R.T.: 0.002 min
Response: 2735672
Conc: 25.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



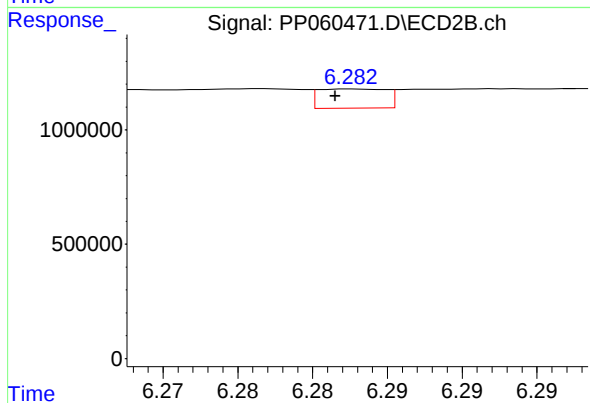
#30 AR-1254-5

R.T.: 6.803 min
Delta R.T.: 0.004 min
Response: 115339
Conc: 0.91 ng/ml



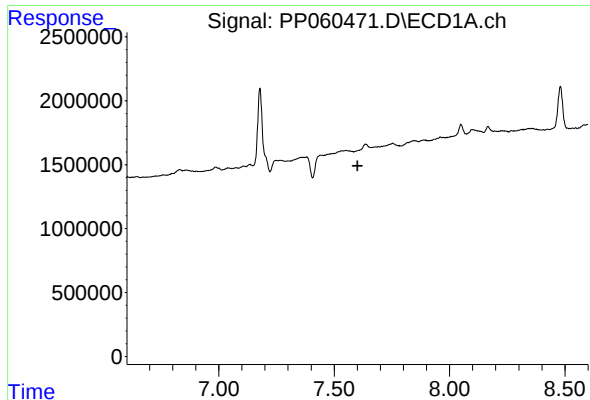
#31 AR-1260-1

R.T.: 7.359 min
Delta R.T.: 0.016 min
Response: 7258193
Conc: 69.24 ng/ml



#31 AR-1260-1

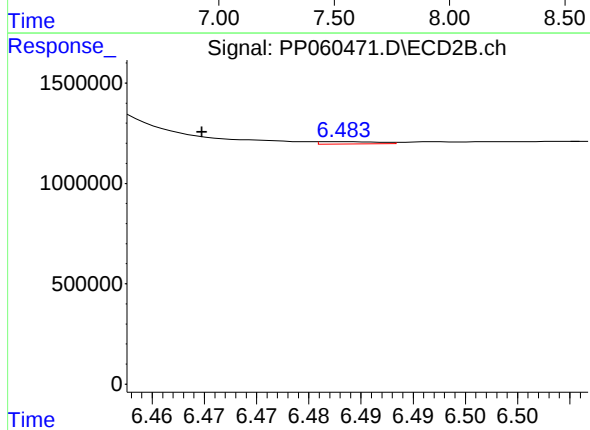
R.T.: 6.283 min
Delta R.T.: 0.001 min
Response: 263488
Conc: 2.63 ng/ml



#32 AR-1260-2

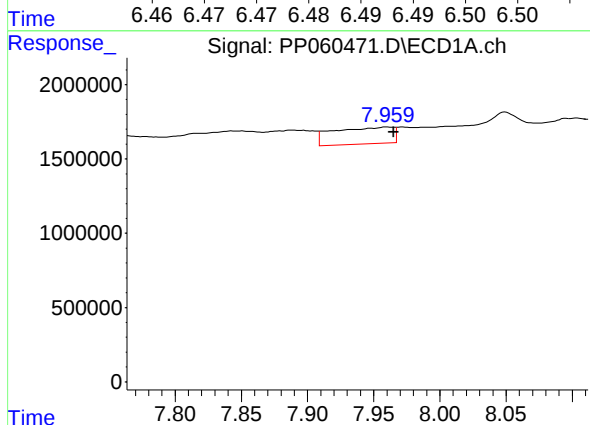
R.T.: 0.000 min
Exp R.T.: 7.602 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



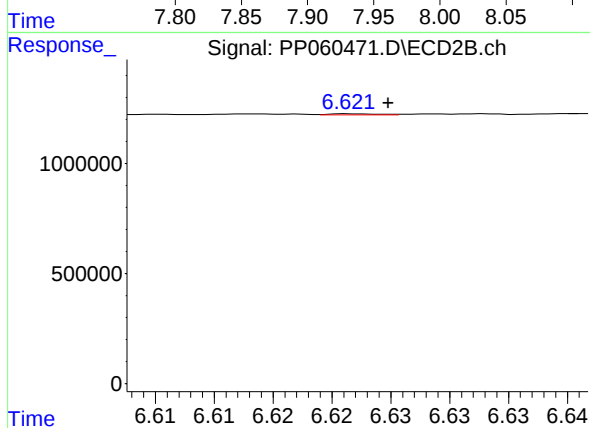
#32 AR-1260-2

R.T.: 6.483 min
Delta R.T.: 0.014 min
Response: 47535
Conc: 0.40 ng/ml



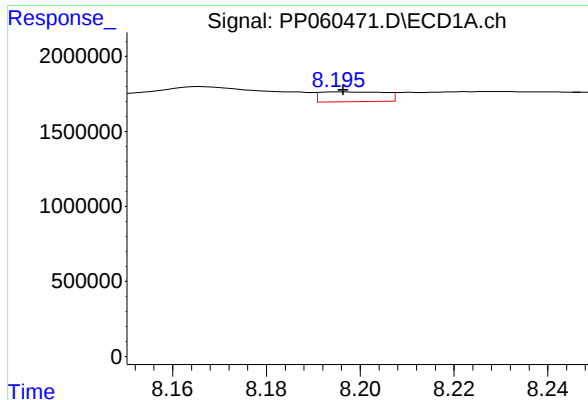
#33 AR-1260-3

R.T.: 7.960 min
Delta R.T.: -0.006 min
Response: 3550257
Conc: 38.30 ng/ml



#33 AR-1260-3

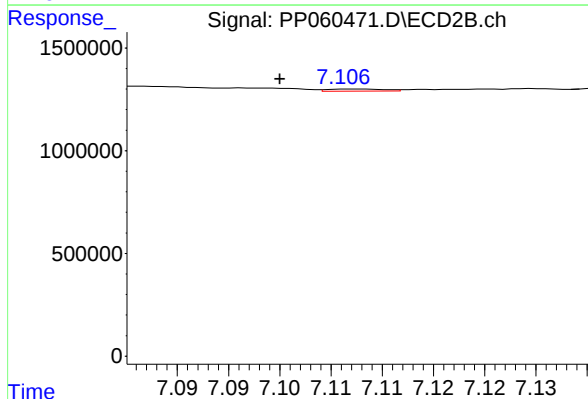
R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 15912
Conc: 0.14 ng/ml



#34 AR-1260-4

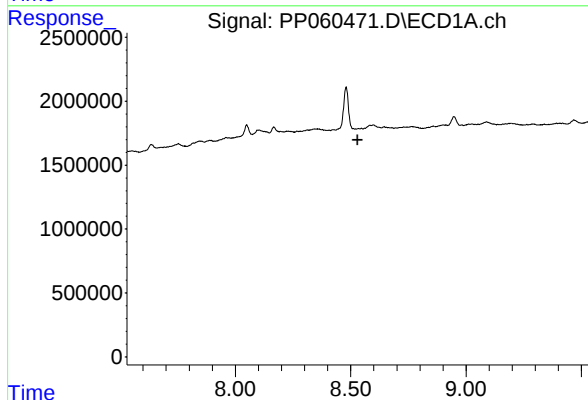
R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 634134
Conc: 5.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



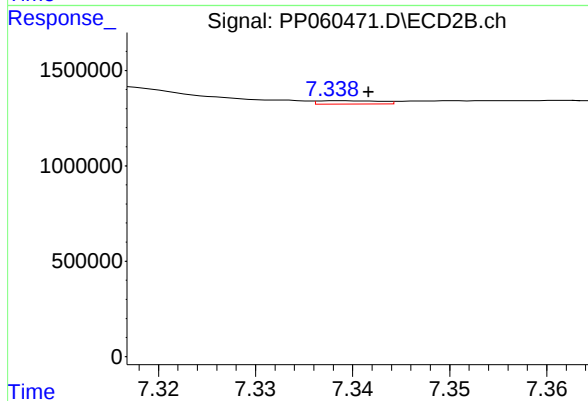
#34 AR-1260-4

R.T.: 7.107 min
Delta R.T.: 0.007 min
Response: 40906
Conc: 0.43 ng/ml



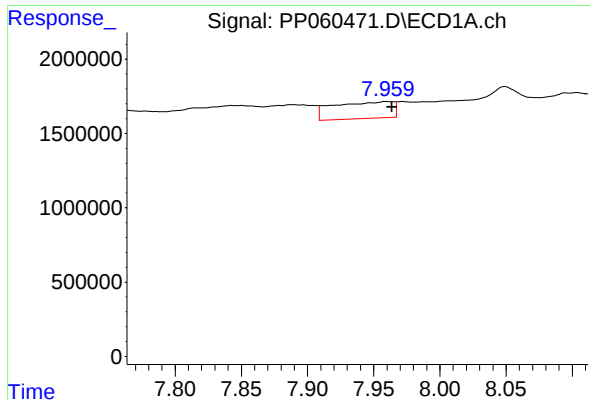
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.



#35 AR-1260-5

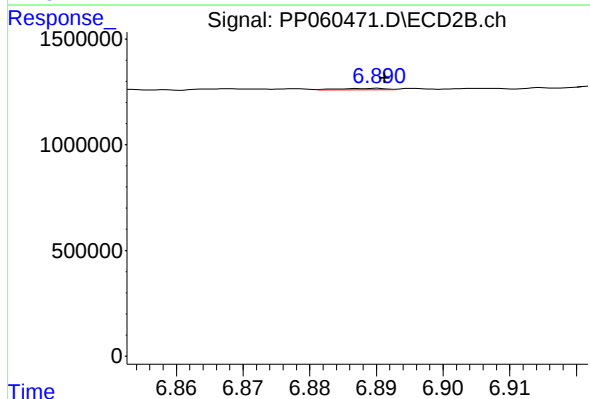
R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 76517
Conc: 0.35 ng/ml



#36 AR-1262-1

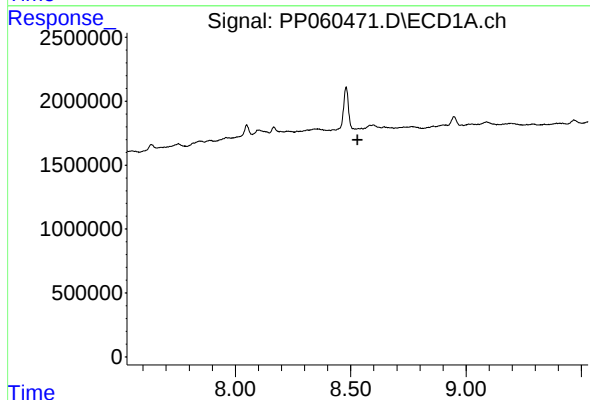
R.T.: 7.960 min
Delta R.T.: -0.004 min
Response: 3550257
Conc: 28.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



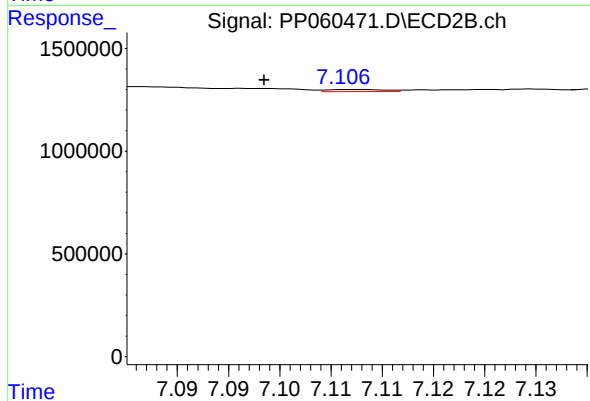
#36 AR-1262-1

R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 31683
Conc: 0.59 ng/ml



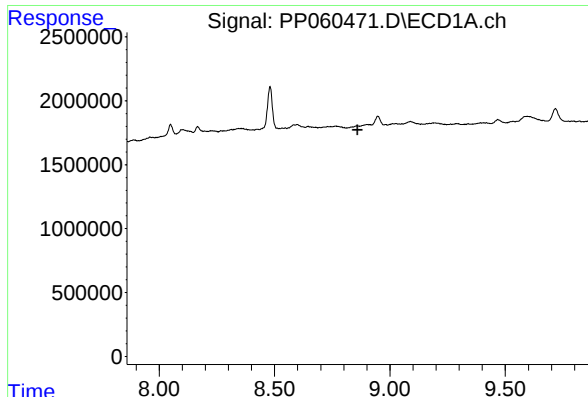
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.



#37 AR-1262-2

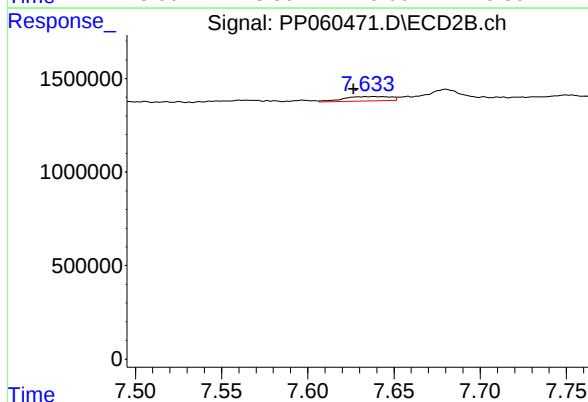
R.T.: 7.107 min
Delta R.T.: 0.008 min
Response: 40906
Conc: 0.35 ng/ml



#38 AR-1262-3

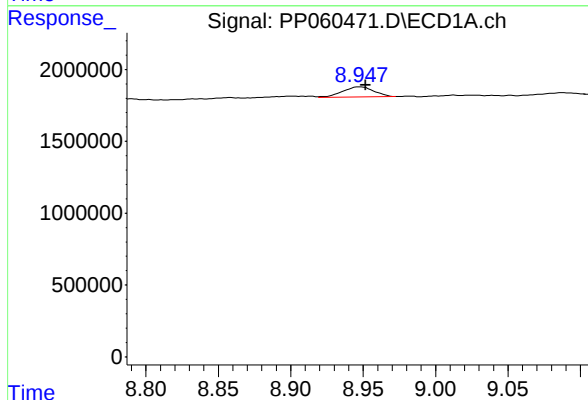
R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



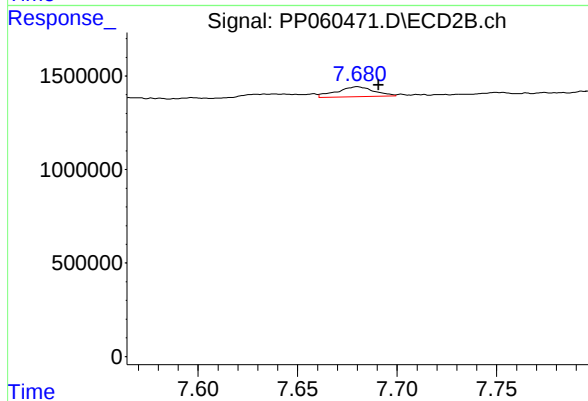
#38 AR-1262-3

R.T.: 7.634 min
Delta R.T.: 0.007 min
Response: 434640
Conc: 4.71 ng/ml



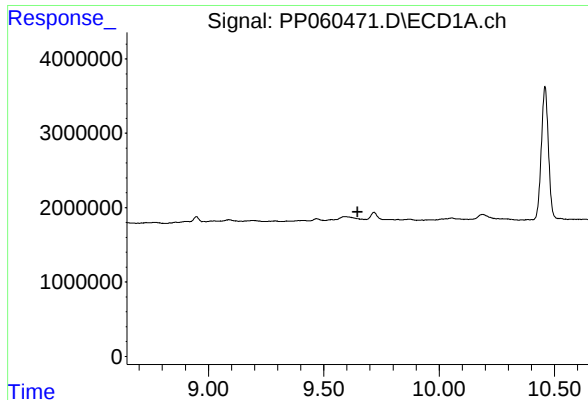
#39 AR-1262-4

R.T.: 8.948 min
Delta R.T.: -0.004 min
Response: 1045037
Conc: 8.73 ng/ml



#39 AR-1262-4

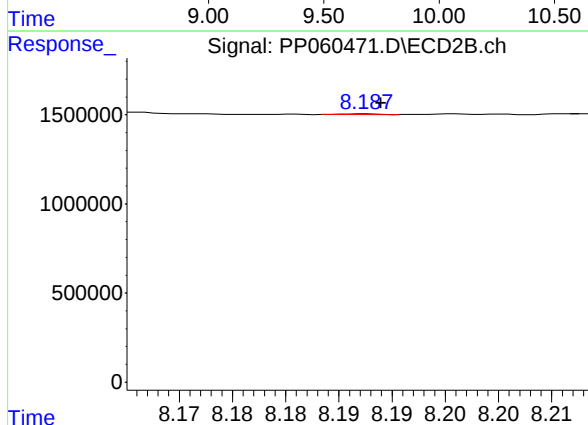
R.T.: 7.680 min
Delta R.T.: -0.011 min
Response: 696313
Conc: 4.13 ng/ml



#40 AR-1262-5

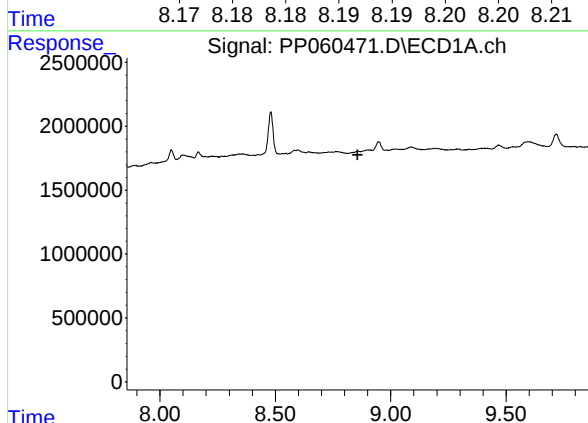
R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



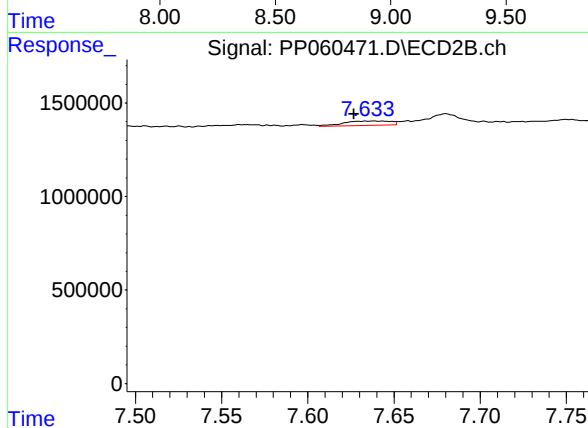
#40 AR-1262-5

R.T.: 8.188 min
Delta R.T.: -0.001 min
Response: 8874
Conc: 0.11 ng/ml



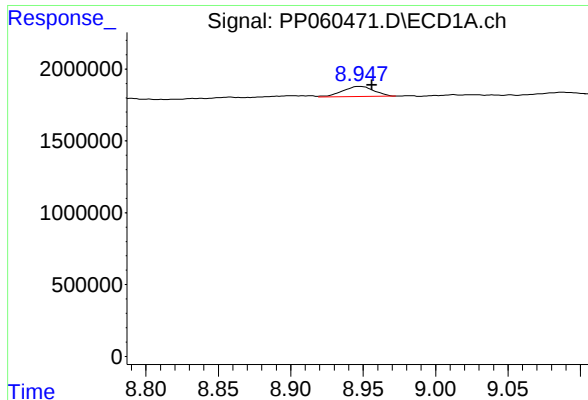
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.856 min
Response: 0
Conc: N.D.



#41 AR-1268-1

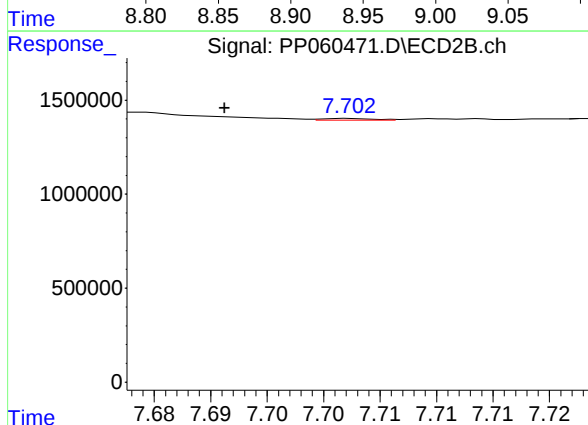
R.T.: 7.634 min
Delta R.T.: 0.007 min
Response: 434640
Conc: 1.60 ng/ml



#42 AR-1268-2

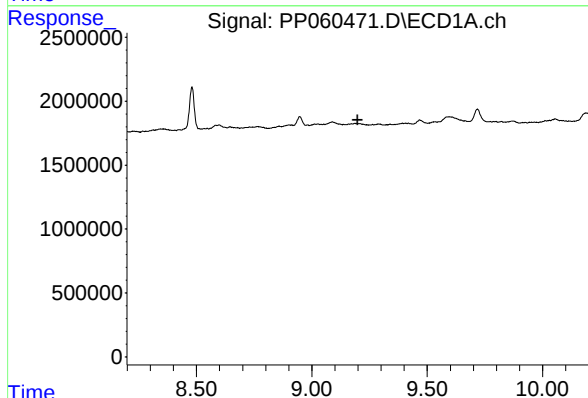
R.T.: 8.948 min
Delta R.T.: -0.008 min
Response: 1045037
Conc: 4.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



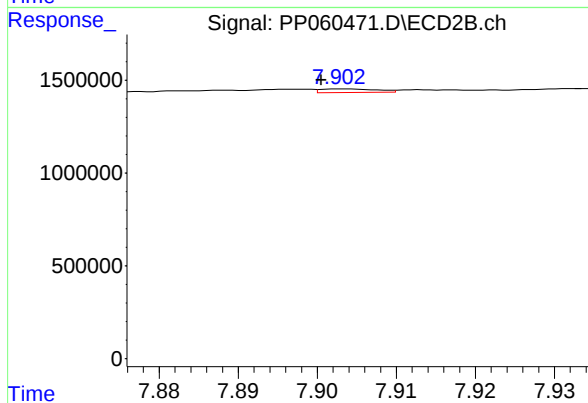
#42 AR-1268-2

R.T.: 7.702 min
Delta R.T.: 0.011 min
Response: 27527
Conc: 0.11 ng/ml



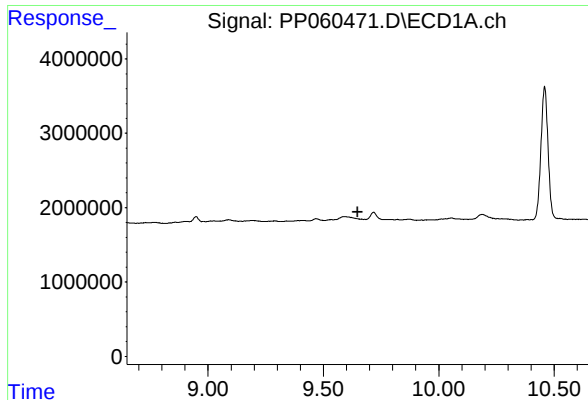
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.



#43 AR-1268-3

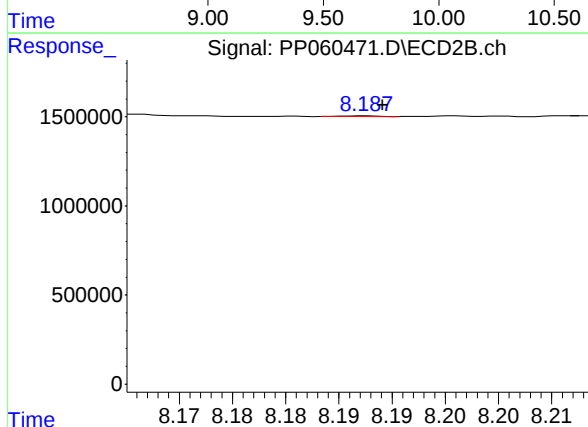
R.T.: 7.903 min
Delta R.T.: 0.003 min
Response: 95407
Conc: 0.45 ng/ml



#44 AR-1268-4

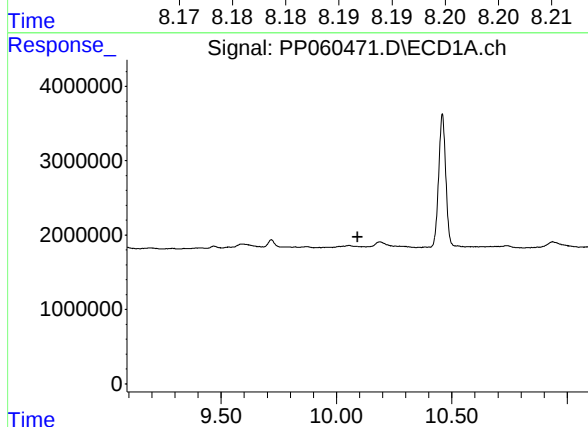
R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



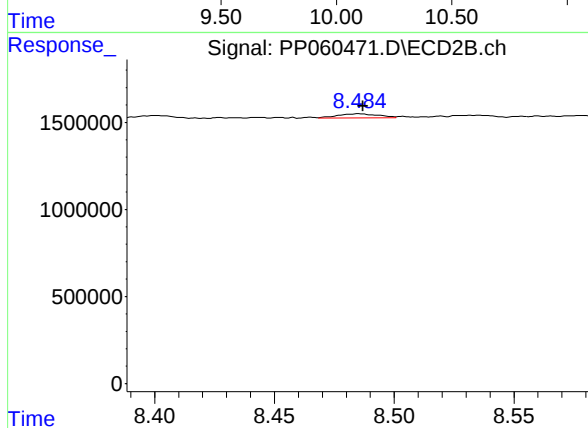
#44 AR-1268-4

R.T.: 8.188 min
Delta R.T.: -0.002 min
Response: 8874
Conc: 0.10 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.091 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.485 min
Delta R.T.: -0.002 min
Response: 284884
Conc: 0.46 ng/ml