

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 00:00
 Operator : YP\AJ
 Sample : 04587-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 02:56:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.507	3.663	48305380	34943644	23.221	21.453
2) SA Decachlor...	10.423	8.730	41248018	33697012	27.042	22.254
Target Compounds						
3) L1 AR-1016-1	5.693	4.783	931599	1088808	13.807	18.112 #
4) L1 AR-1016-2	5.718	4.783	1537392	1088808	16.071	13.118
5) L1 AR-1016-3	5.784	4.961	491803	715219	8.262	15.944 #
6) L1 AR-1016-4	0.000	5.009	0	1081501	N.D.	30.656 #
7) L1 AR-1016-5	0.000	5.247f	0	654043	N.D.	14.066 #
8) L2 AR-1221-1	4.717	3.890	8070074	3547725	303.578	161.518 #
9) L2 AR-1221-2	4.818	3.958f	1612610	3308012	81.929	214.265 #
10) L2 AR-1221-3	4.882	4.045	517732	176337	9.064	3.760 #
11) L3 AR-1232-1	4.882	4.045	517732	176337	11.097	4.639 #
12) L3 AR-1232-2	5.422	4.783	2981809	1088808	117.400	29.528 #
13) L3 AR-1232-3	5.718	4.961	1537392	715219	35.585	35.719
14) L3 AR-1232-4	0.000	5.063	0	1258190	N.D.	68.880 #
15) L3 AR-1232-5	5.979	5.247f	819965	654043	44.696	32.622 #
16) L4 AR-1242-1	5.693	4.783	931599	1088808	15.598	20.676 #
17) L4 AR-1242-2	5.718	4.783	1537392	1088808	18.294	15.110
18) L4 AR-1242-3	5.784	4.961	491803	715219	9.403	18.276 #
19) L4 AR-1242-4	0.000	5.063	0	1258190	N.D.	32.105 #
20) L4 AR-1242-5	0.000	5.579	0	4608707	N.D.	95.261 #
21) L5 AR-1248-1	5.693	4.762	931599	926311	20.843	23.707
22) L5 AR-1248-2	5.979	5.009	819965	1081501	12.661	19.960 #
23) L5 AR-1248-3	0.000	5.063	0	1258190	N.D.	22.112 #
24) L5 AR-1248-4	6.601	5.247f	8858042	654043	114.528	9.738 #
25) L5 AR-1248-5	0.000	5.619	0	901078	N.D.	13.660 #
26) L6 AR-1254-1	6.573	5.579	6459647	4608707	80.911	45.923 #
27) L6 AR-1254-2	6.795	5.724	7799783	776541	65.122	8.938 #
28) L6 AR-1254-3	7.164	6.148	8813258	5087075	72.549	36.232 #
29) L6 AR-1254-4	7.447	6.374	1080981	334705	12.155	3.976 #
30) L6 AR-1254-5	7.885	6.779	24971598	20967668	256.711	176.767 #
31) L7 AR-1260-1	7.311	6.258f	4868367	1152825	54.010	12.380 #
32) L7 AR-1260-2	7.567f	6.448f	20074952	230213	195.686	2.100 #
33) L7 AR-1260-3	7.921f	6.605	1601969	588149	20.340	5.718 #
34) L7 AR-1260-4	8.179	7.063f	1073961	1101363	11.983	13.224
35) L7 AR-1260-5	0.000	7.299f	0	2685839	N.D.	13.959 #
36) L8 AR-1262-1	7.921f	6.881	1601969	837648	13.842	16.596
37) L8 AR-1262-2	0.000	7.126f	0	821489	N.D.	7.271 #
38) L8 AR-1262-3	8.852	7.609f	1453988	356687	10.097	4.069 #
39) L8 AR-1262-4	8.920	7.668f	2251668	1461319	19.829	8.948 #
41) L9 AR-1268-1	8.852	7.609f	1453988	356687	5.798	1.370 #
42) L9 AR-1268-2	8.920f	7.668f	2251668	1461319	9.811	6.321 #

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Integration File signal 1: autoint1.e
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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
43) L9	AR-1268-3	0.000	7.910	0	28805	N.D.	0.141 #
45) L9	AR-1268-5	0.000	8.469f	0	427749	N.D.	0.677 #

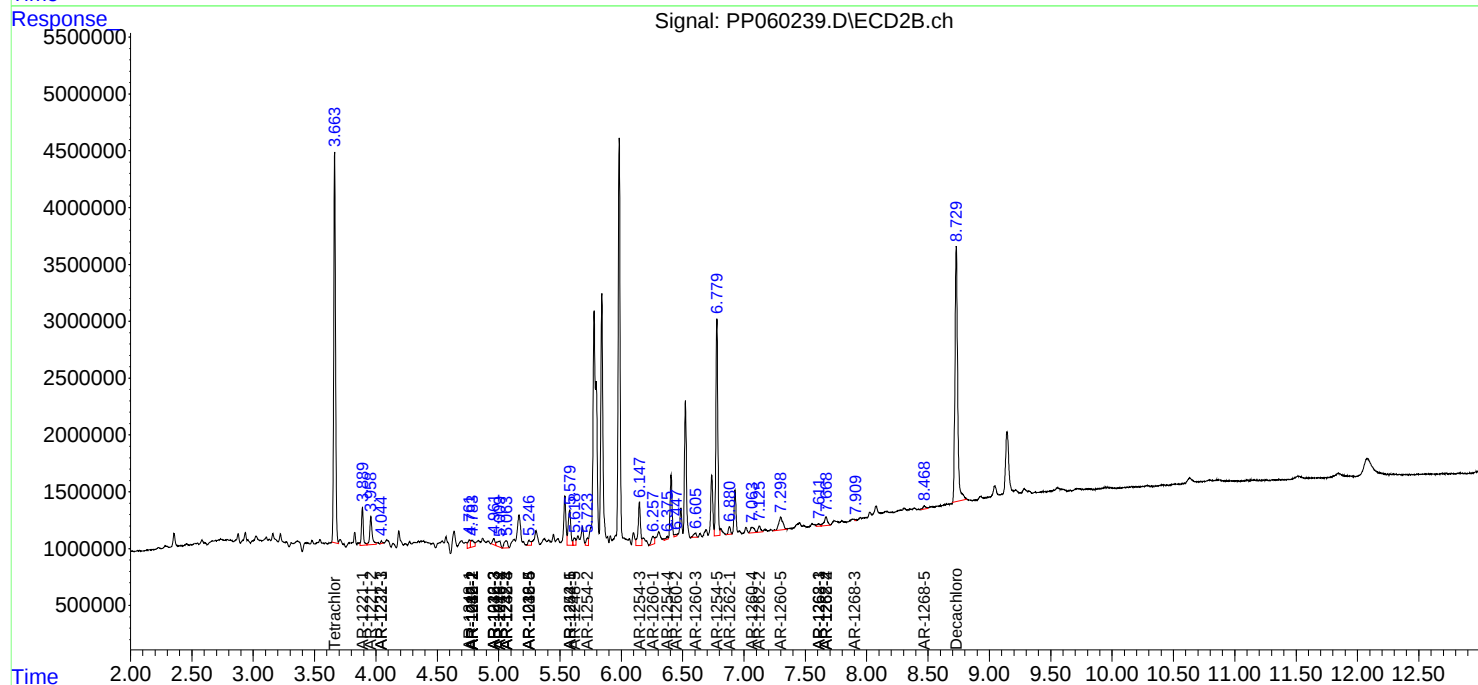
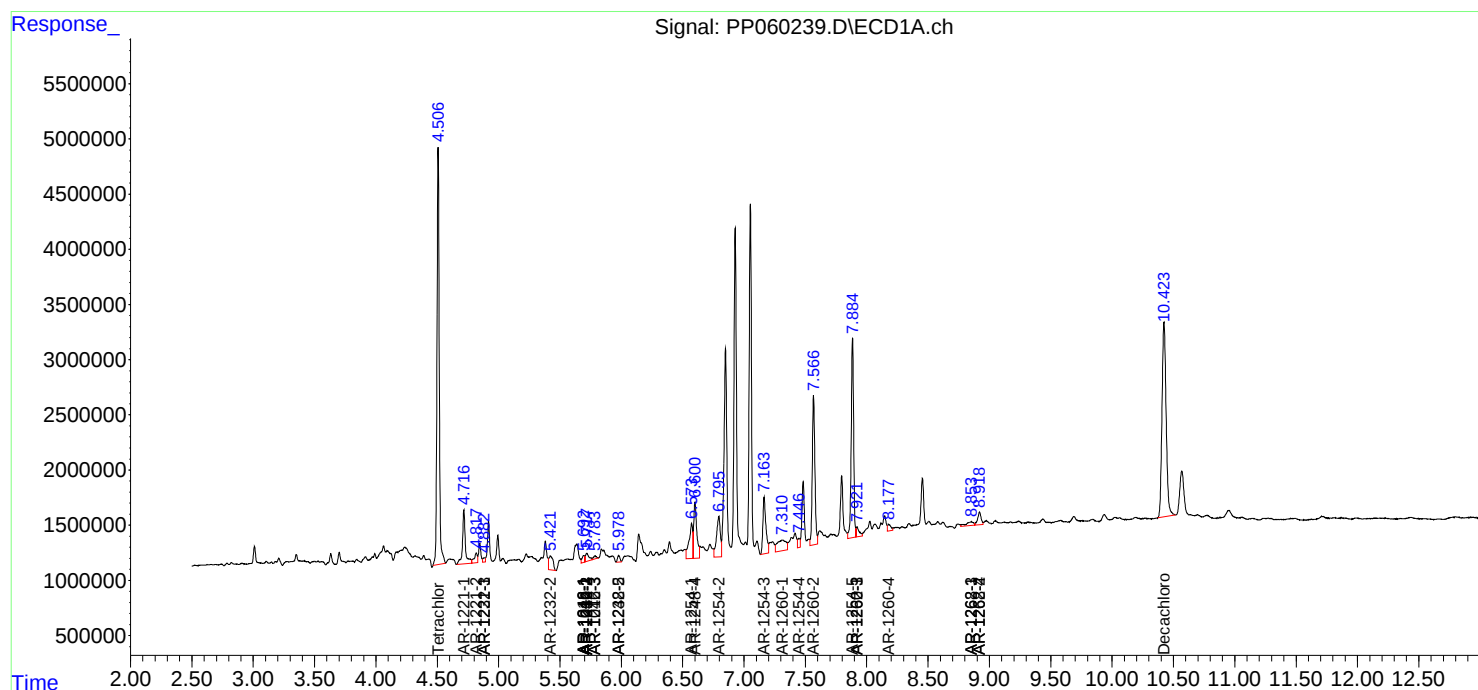
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

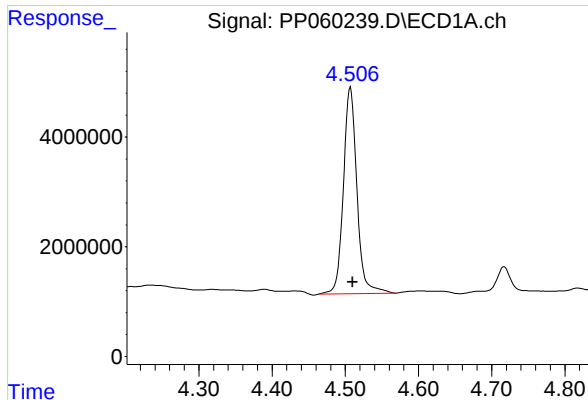
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

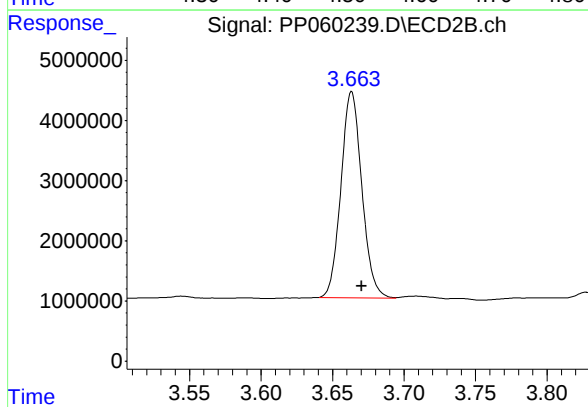




#1 Tetrachloro-m-xylene

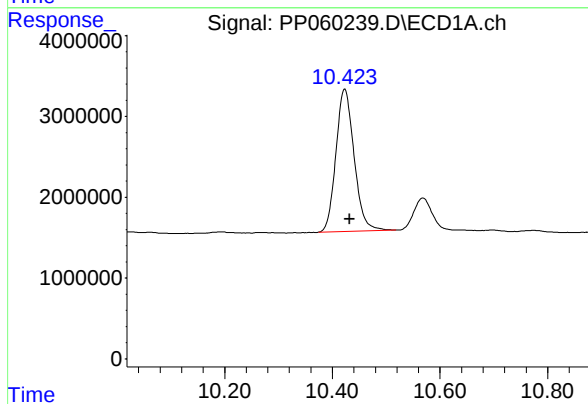
R.T.: 4.507 min
Delta R.T.: -0.003 min
Response: 48305380
Conc: 23.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



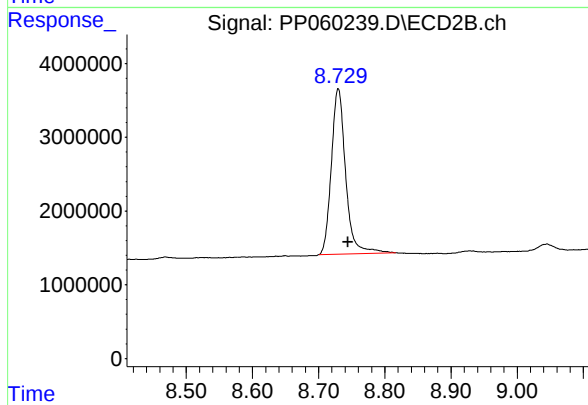
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: -0.007 min
Response: 34943644
Conc: 21.45 ng/ml



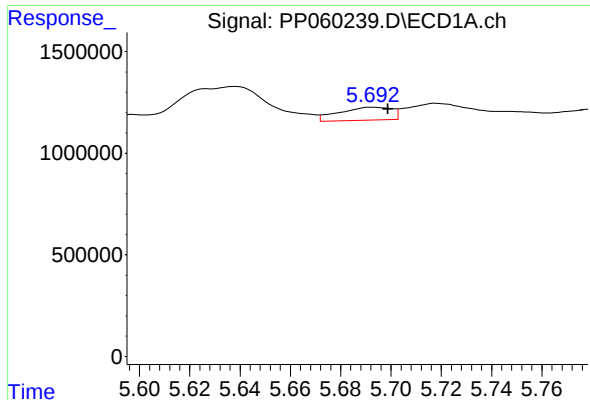
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: -0.009 min
Response: 41248018
Conc: 27.04 ng/ml



#2 Decachlorobiphenyl

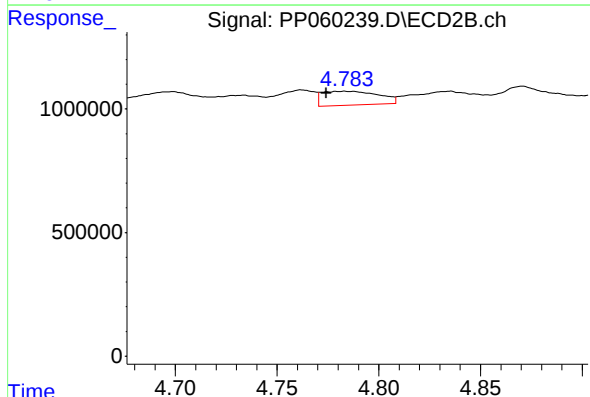
R.T.: 8.730 min
Delta R.T.: -0.014 min
Response: 33697012
Conc: 22.25 ng/ml



#3 AR-1016-1

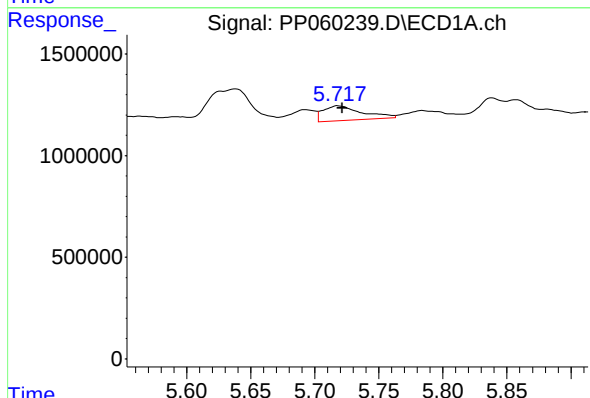
R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 931599
Conc: 13.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



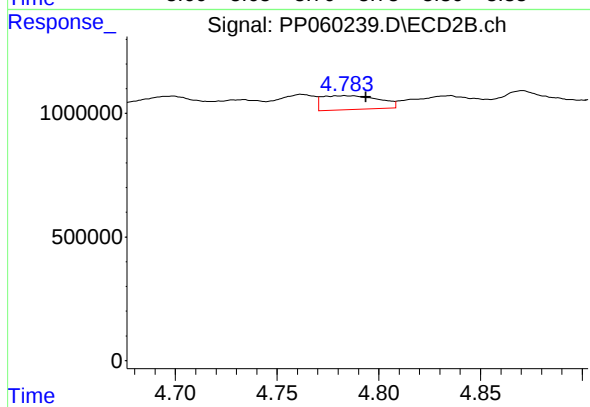
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: 0.009 min
Response: 1088808
Conc: 18.11 ng/ml



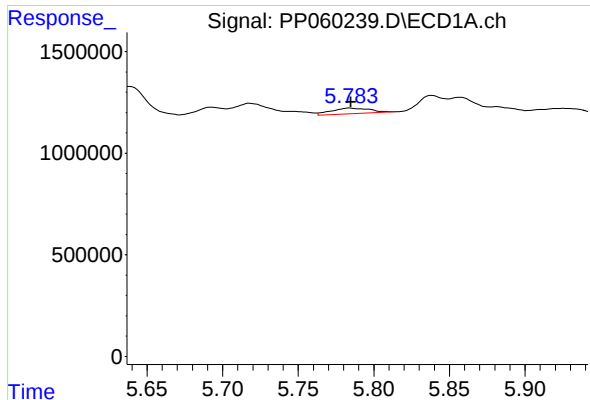
#4 AR-1016-2

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 1537392
Conc: 16.07 ng/ml



#4 AR-1016-2

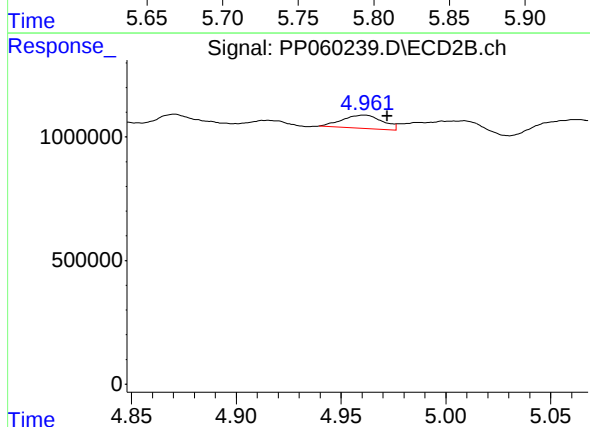
R.T.: 4.783 min
Delta R.T.: -0.010 min
Response: 1088808
Conc: 13.12 ng/ml



#5 AR-1016-3

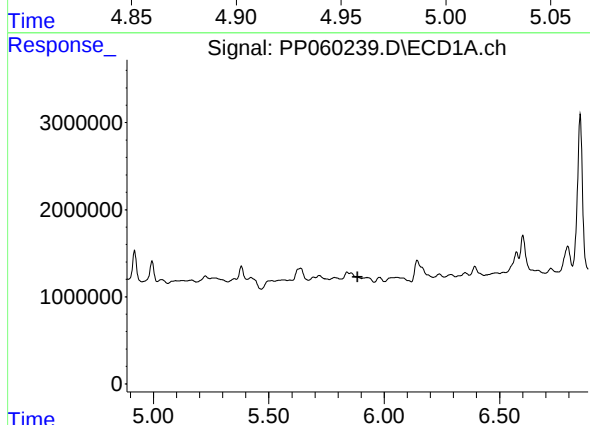
R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 491803
Conc: 8.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



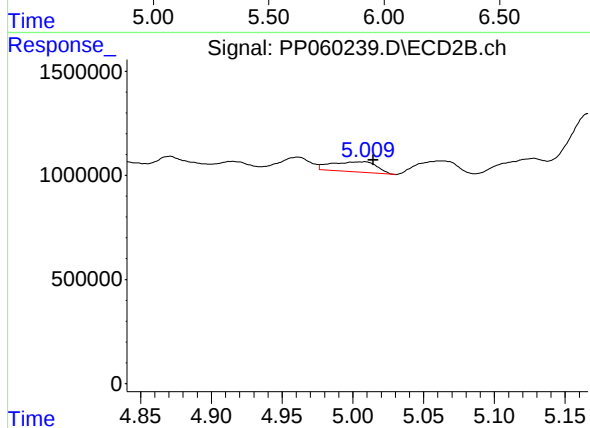
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: -0.011 min
Response: 715219
Conc: 15.94 ng/ml



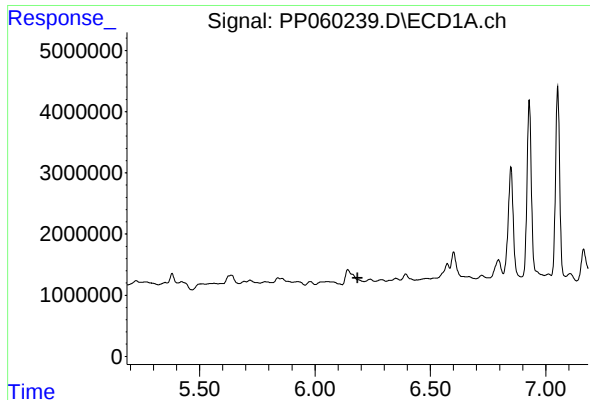
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

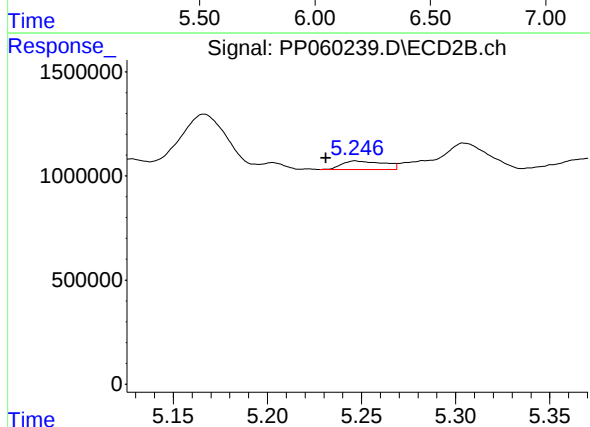
R.T.: 5.009 min
Delta R.T.: -0.006 min
Response: 1081501
Conc: 30.66 ng/ml



#7 AR-1016-5

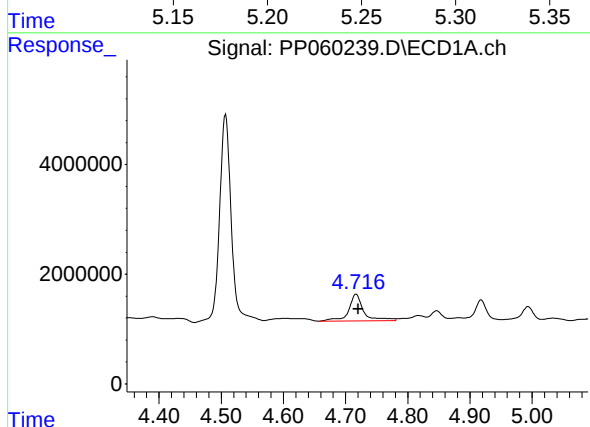
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



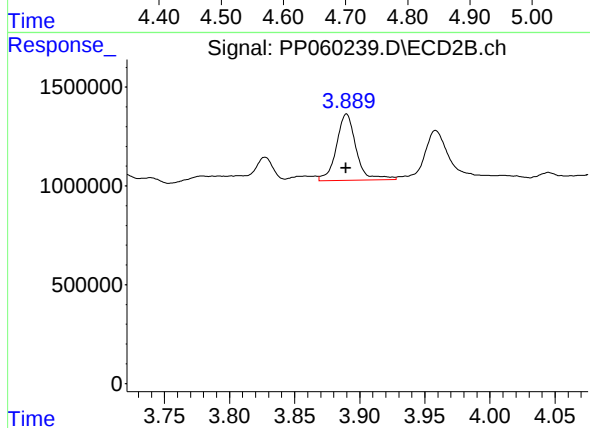
#7 AR-1016-5

R.T.: 5.247 min
Delta R.T.: 0.015 min
Response: 654043
Conc: 14.07 ng/ml



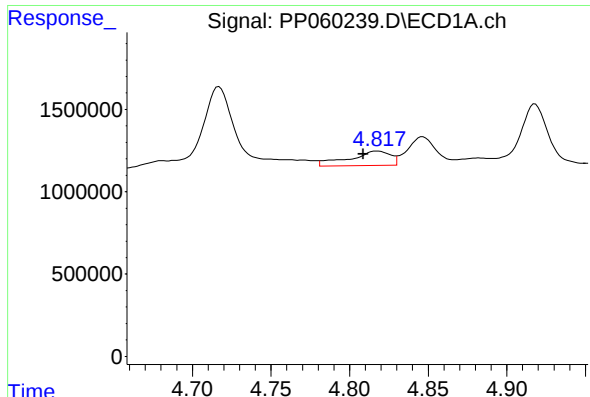
#8 AR-1221-1

R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 8070074
Conc: 303.58 ng/ml



#8 AR-1221-1

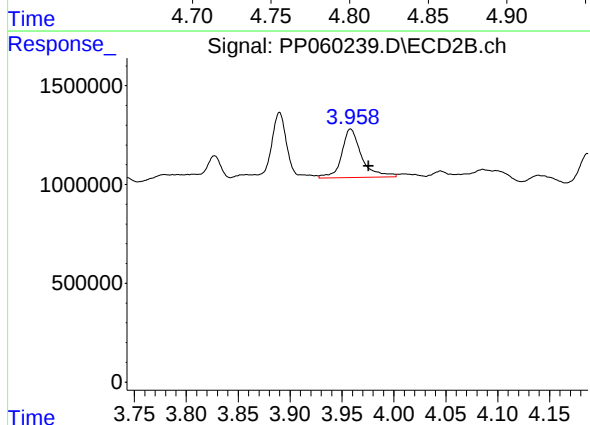
R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 3547725
Conc: 161.52 ng/ml



#9 AR-1221-2

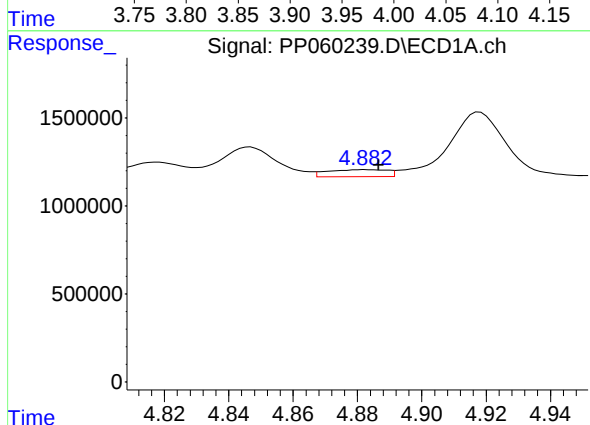
R.T.: 4.818 min
Delta R.T.: 0.009 min
Response: 1612610
Conc: 81.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



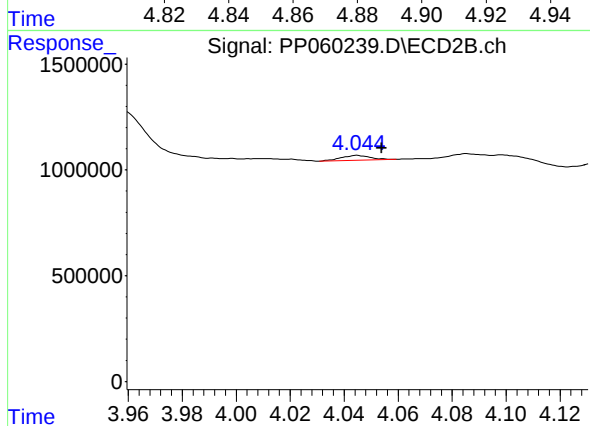
#9 AR-1221-2

R.T.: 3.958 min
Delta R.T.: -0.018 min
Response: 3308012
Conc: 214.26 ng/ml



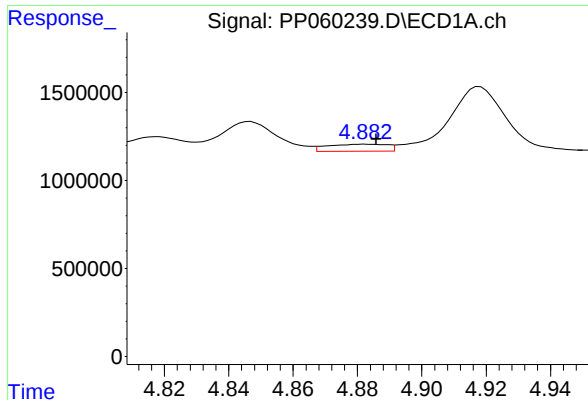
#10 AR-1221-3

R.T.: 4.882 min
Delta R.T.: -0.004 min
Response: 517732
Conc: 9.06 ng/ml



#10 AR-1221-3

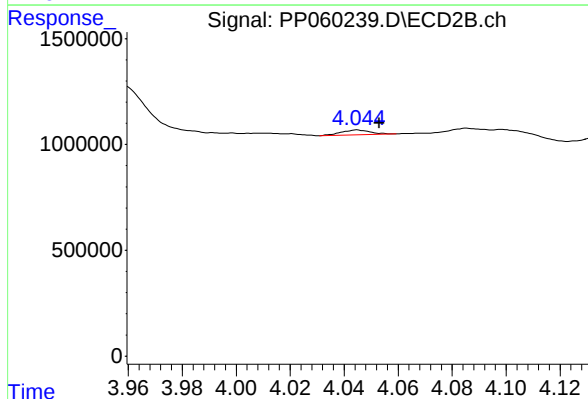
R.T.: 4.045 min
Delta R.T.: -0.009 min
Response: 176337
Conc: 3.76 ng/ml



#11 AR-1232-1

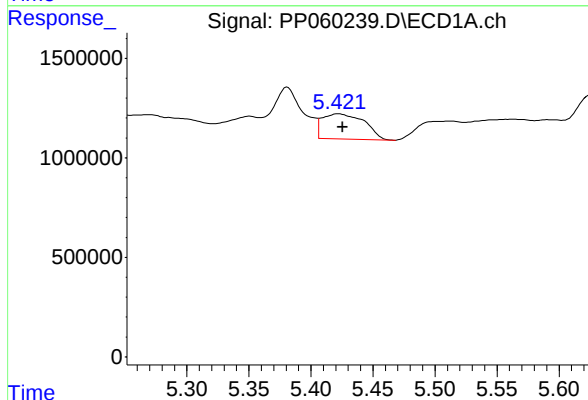
R.T.: 4.882 min
Delta R.T.: -0.004 min
Response: 517732
Conc: 11.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



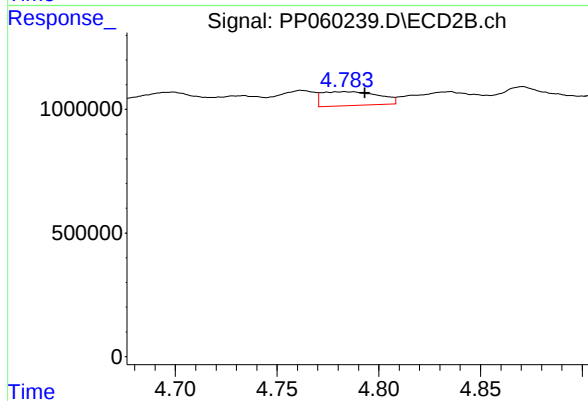
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: -0.008 min
Response: 176337
Conc: 4.64 ng/ml



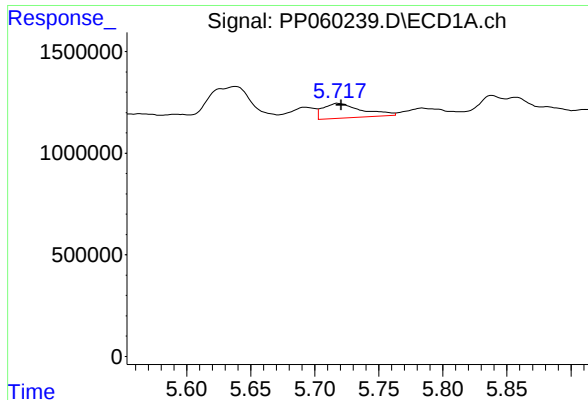
#12 AR-1232-2

R.T.: 5.422 min
Delta R.T.: -0.004 min
Response: 2981809
Conc: 117.40 ng/ml



#12 AR-1232-2

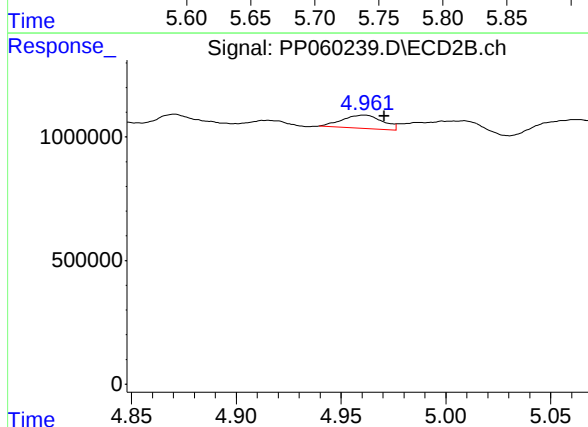
R.T.: 4.783 min
Delta R.T.: -0.010 min
Response: 1088808
Conc: 29.53 ng/ml



#13 AR-1232-3

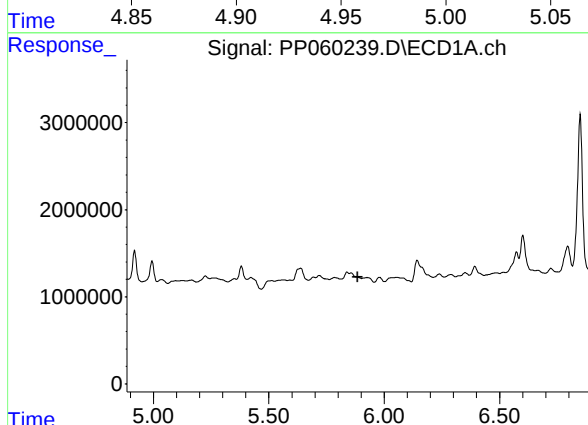
R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 1537392
Conc: 35.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



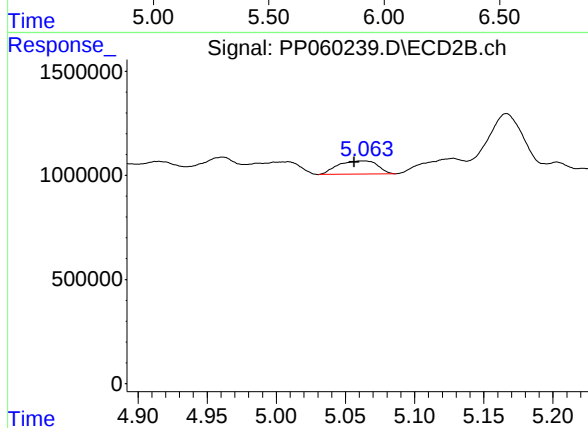
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 715219
Conc: 35.72 ng/ml



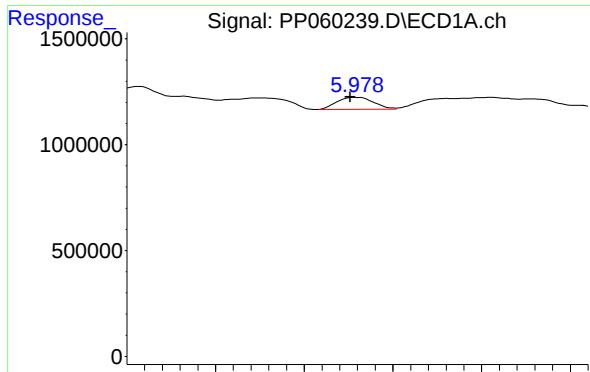
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

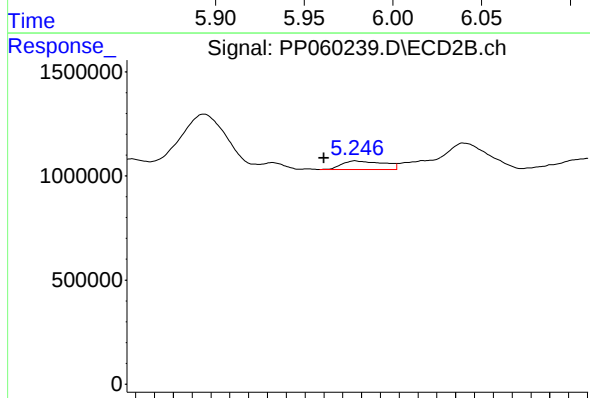
R.T.: 5.063 min
Delta R.T.: 0.007 min
Response: 1258190
Conc: 68.88 ng/ml



#15 AR-1232-5

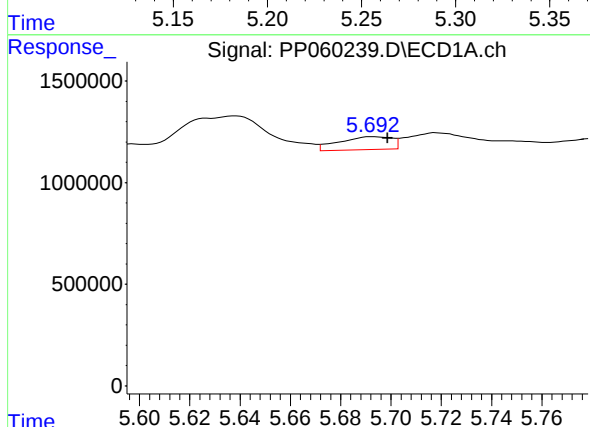
R.T.: 5.979 min
Delta R.T.: 0.003 min
Response: 819965
Conc: 44.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



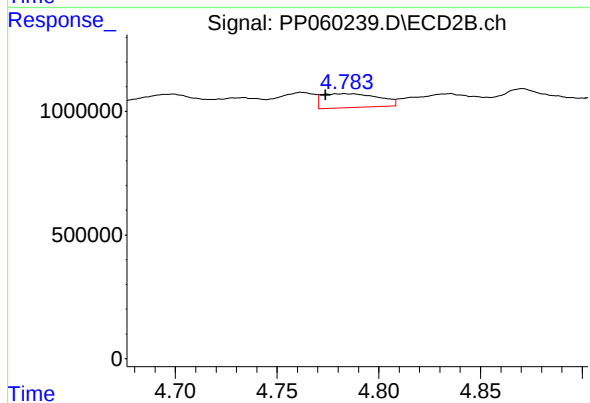
#15 AR-1232-5

R.T.: 5.247 min
Delta R.T.: 0.017 min
Response: 654043
Conc: 32.62 ng/ml



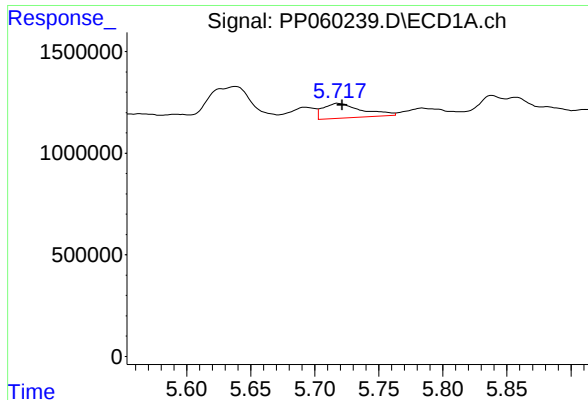
#16 AR-1242-1

R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 931599
Conc: 15.60 ng/ml



#16 AR-1242-1

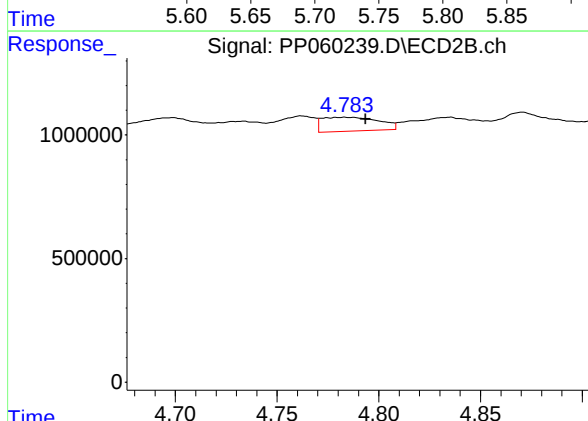
R.T.: 4.783 min
Delta R.T.: 0.009 min
Response: 1088808
Conc: 20.68 ng/ml



#17 AR-1242-2

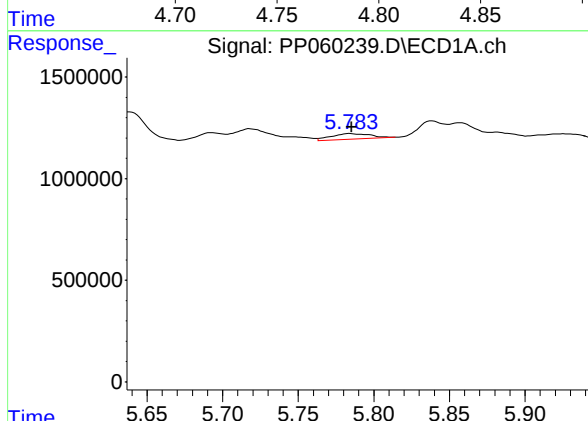
R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 1537392
Conc: 18.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



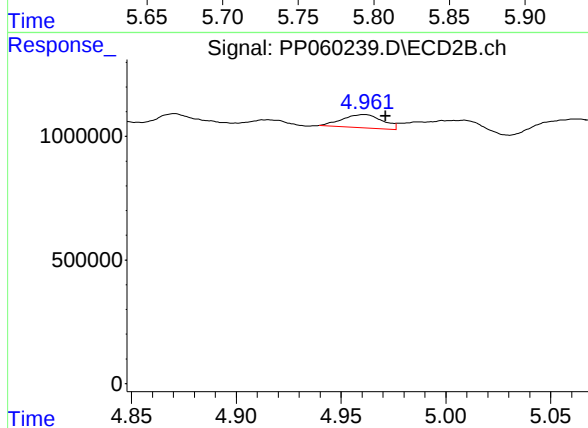
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: -0.010 min
Response: 1088808
Conc: 15.11 ng/ml



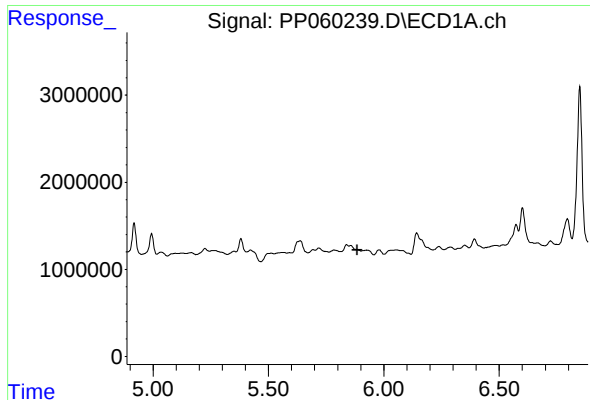
#18 AR-1242-3

R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 491803
Conc: 9.40 ng/ml



#18 AR-1242-3

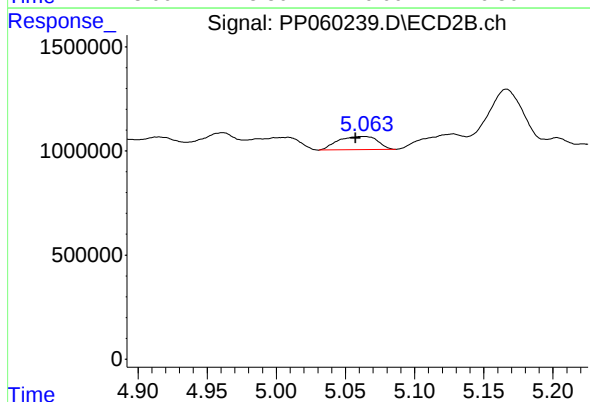
R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 715219
Conc: 18.28 ng/ml



#19 AR-1242-4

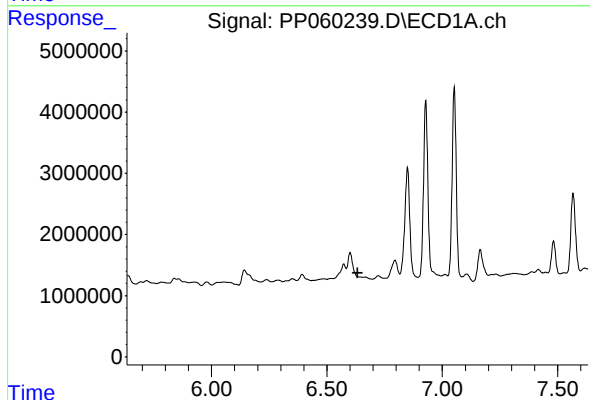
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



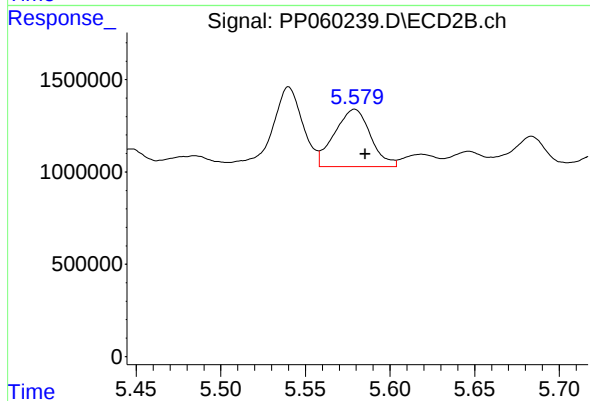
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: 0.006 min
Response: 1258190
Conc: 32.11 ng/ml



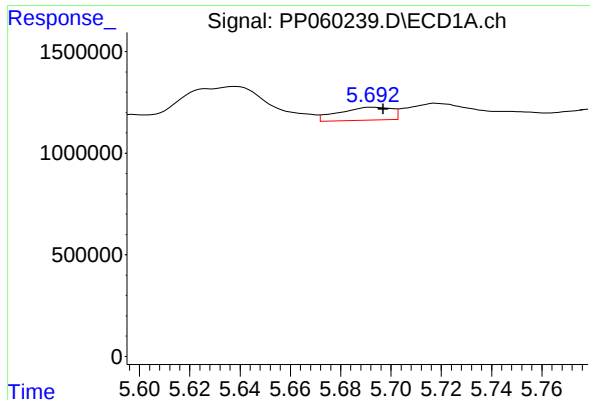
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.633 min
Response: 0
Conc: N.D.



#20 AR-1242-5

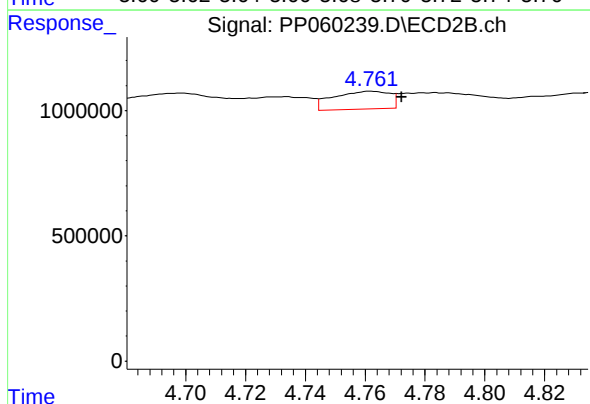
R.T.: 5.579 min
Delta R.T.: -0.006 min
Response: 4608707
Conc: 95.26 ng/ml



#21 AR-1248-1

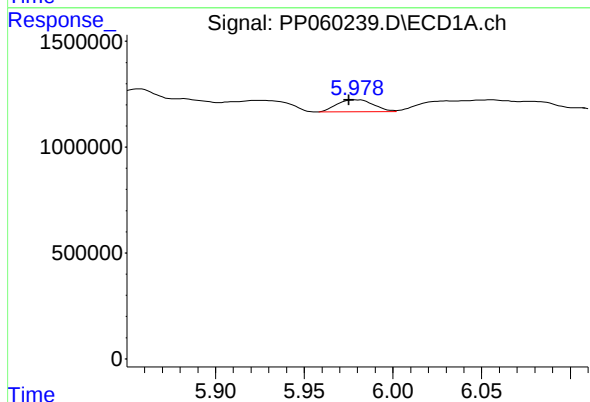
R.T.: 5.693 min
Delta R.T.: -0.004 min
Response: 931599
Conc: 20.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



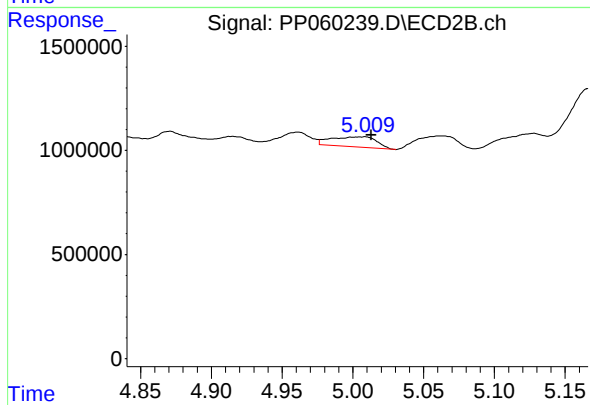
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.011 min
Response: 926311
Conc: 23.71 ng/ml



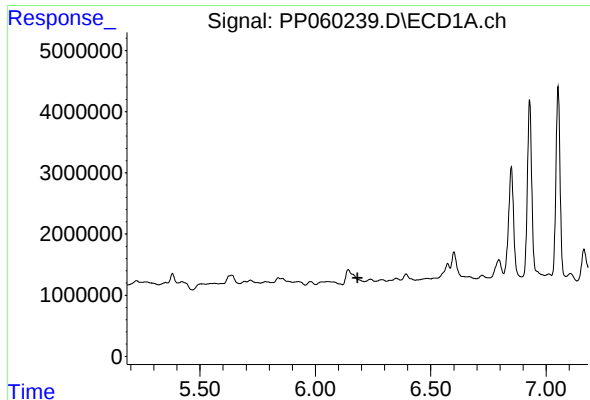
#22 AR-1248-2

R.T.: 5.979 min
Delta R.T.: 0.004 min
Response: 819965
Conc: 12.66 ng/ml



#22 AR-1248-2

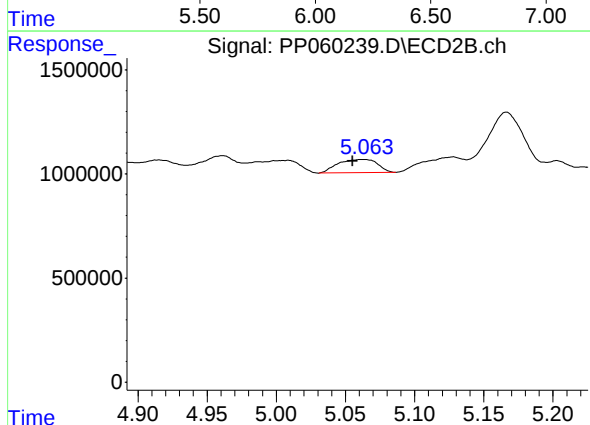
R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 1081501
Conc: 19.96 ng/ml



#23 AR-1248-3

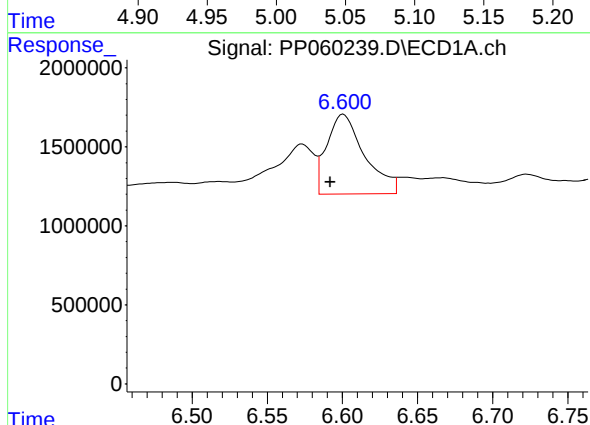
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



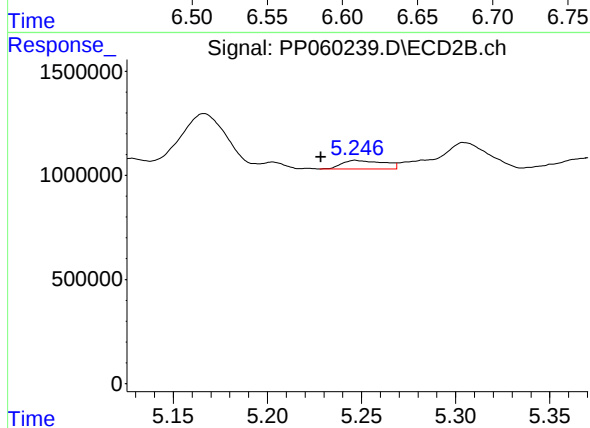
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: 0.008 min
Response: 1258190
Conc: 22.11 ng/ml



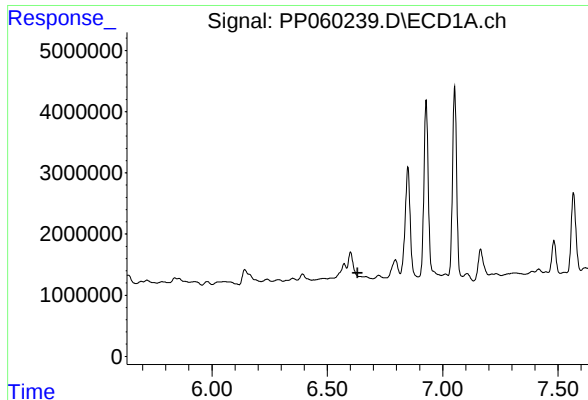
#24 AR-1248-4

R.T.: 6.601 min
Delta R.T.: 0.009 min
Response: 8858042
Conc: 114.53 ng/ml



#24 AR-1248-4

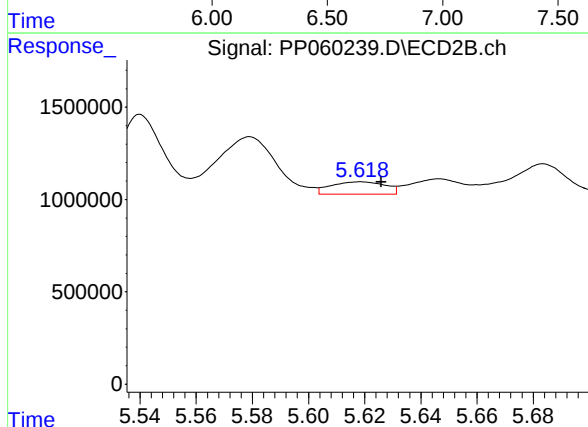
R.T.: 5.247 min
Delta R.T.: 0.018 min
Response: 654043
Conc: 9.74 ng/ml



#25 AR-1248-5

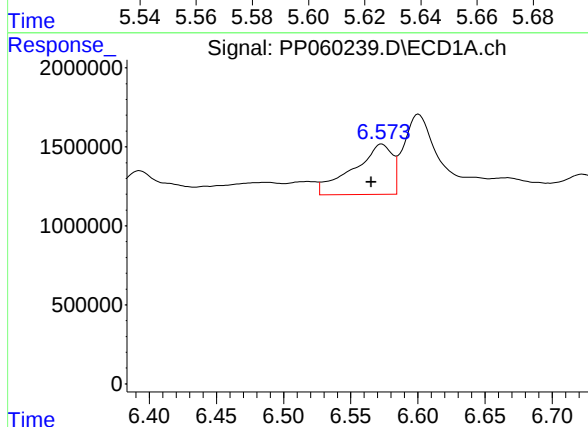
R.T.: 0.000 min
Exp R.T.: 6.631 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



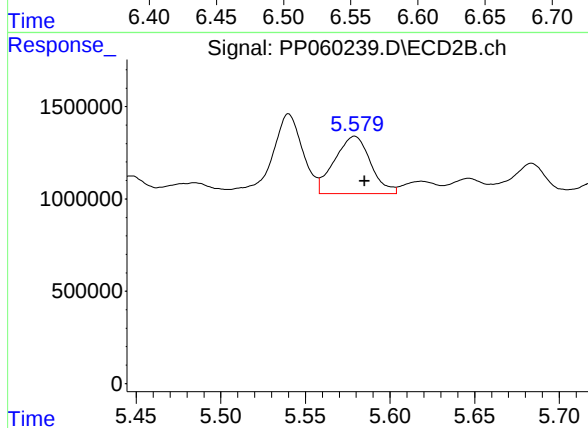
#25 AR-1248-5

R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 901078
Conc: 13.66 ng/ml



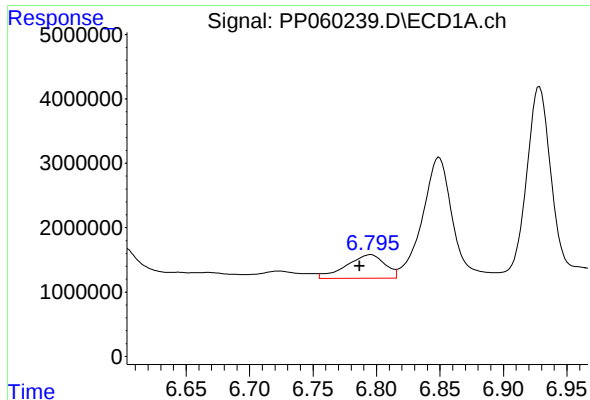
#26 AR-1254-1

R.T.: 6.573 min
Delta R.T.: 0.008 min
Response: 6459647
Conc: 80.91 ng/ml



#26 AR-1254-1

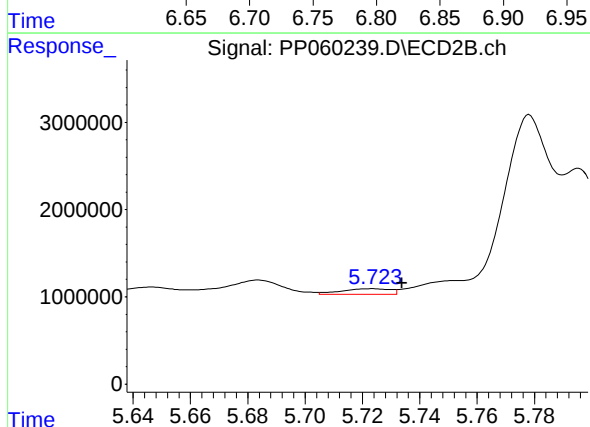
R.T.: 5.579 min
Delta R.T.: -0.006 min
Response: 4608707
Conc: 45.92 ng/ml



#27 AR-1254-2

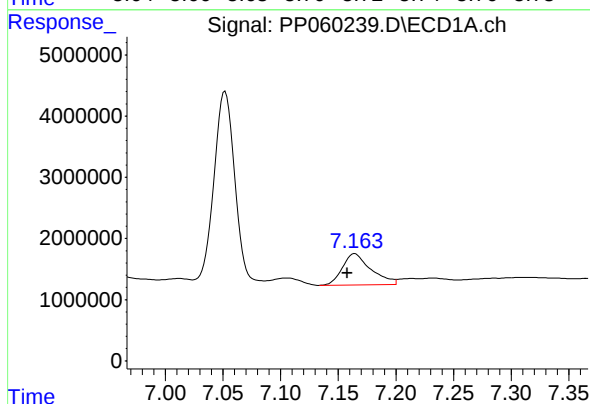
R.T.: 6.795 min
Delta R.T.: 0.009 min
Response: 7799783
Conc: 65.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



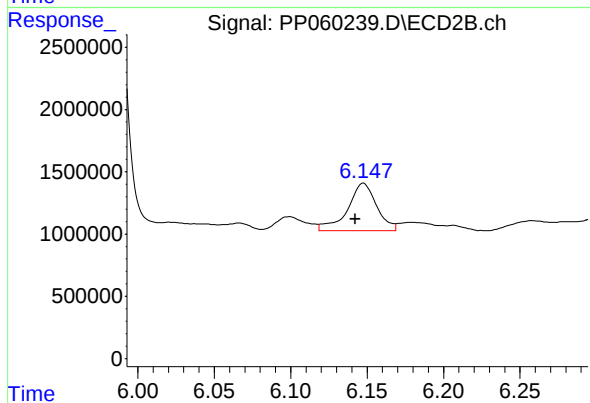
#27 AR-1254-2

R.T.: 5.724 min
Delta R.T.: -0.010 min
Response: 776541
Conc: 8.94 ng/ml



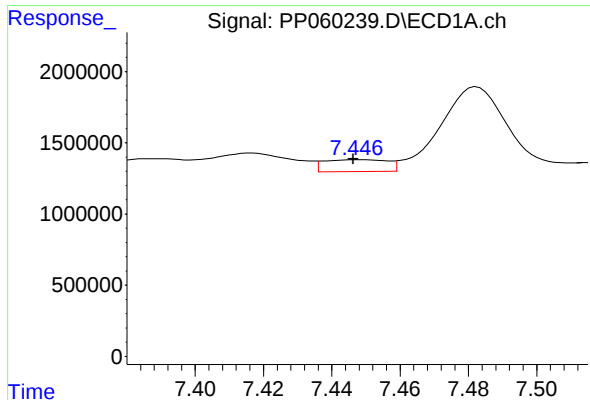
#28 AR-1254-3

R.T.: 7.164 min
Delta R.T.: 0.006 min
Response: 8813258
Conc: 72.55 ng/ml



#28 AR-1254-3

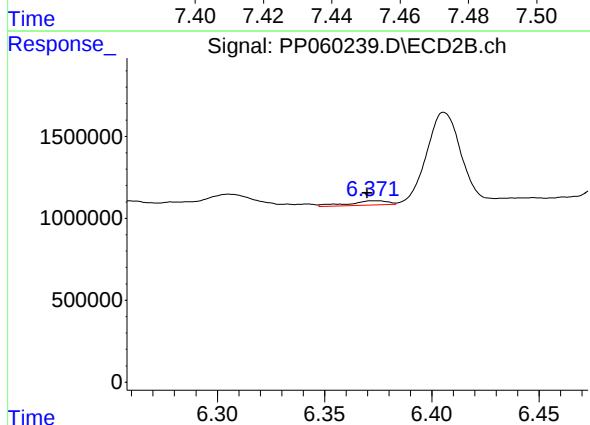
R.T.: 6.148 min
Delta R.T.: 0.005 min
Response: 5087075
Conc: 36.23 ng/ml



#29 AR-1254-4

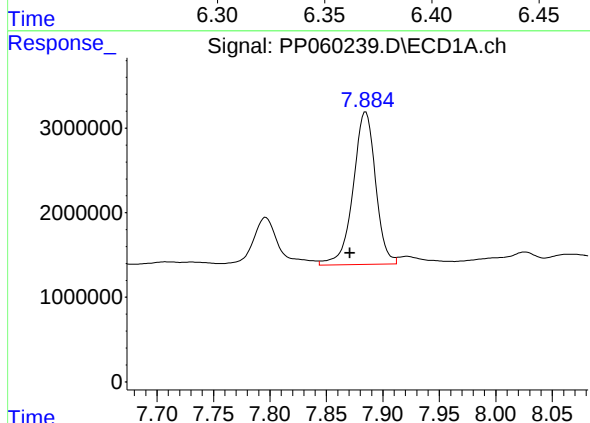
R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 1080981
Conc: 12.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



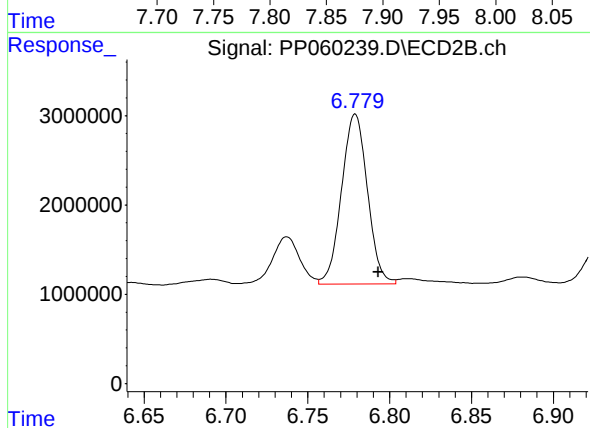
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: 0.004 min
Response: 334705
Conc: 3.98 ng/ml



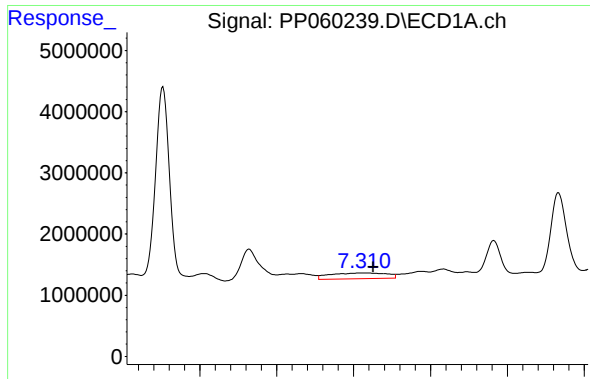
#30 AR-1254-5

R.T.: 7.885 min
Delta R.T.: 0.014 min
Response: 24971598
Conc: 256.71 ng/ml



#30 AR-1254-5

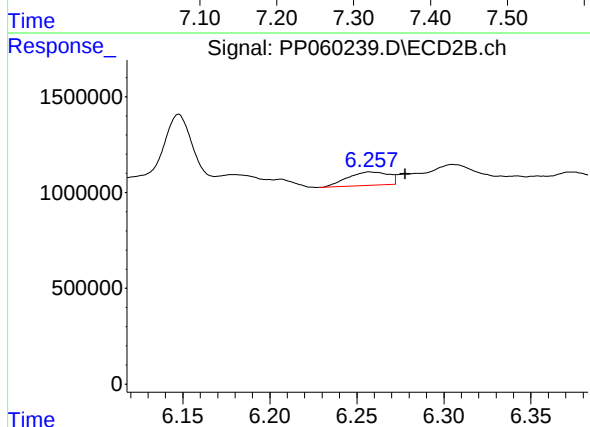
R.T.: 6.779 min
Delta R.T.: -0.014 min
Response: 20967668
Conc: 176.77 ng/ml



#31 AR-1260-1

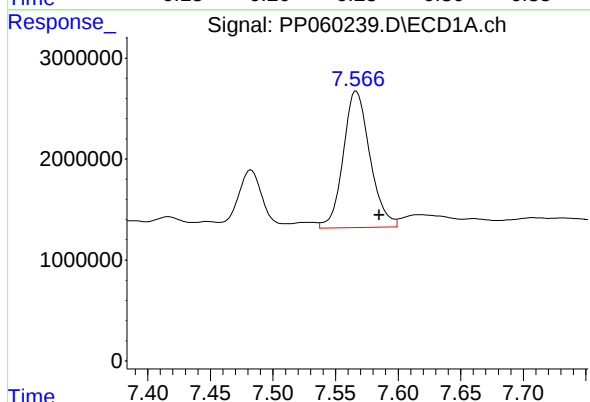
R.T.: 7.311 min
Delta R.T.: -0.015 min
Response: 4868367
Conc: 54.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



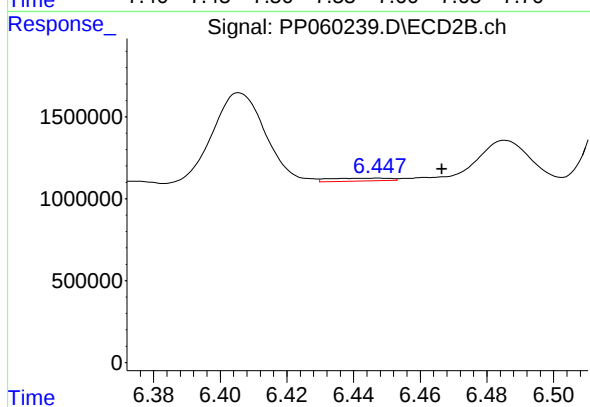
#31 AR-1260-1

R.T.: 6.258 min
Delta R.T.: -0.020 min
Response: 1152825
Conc: 12.38 ng/ml



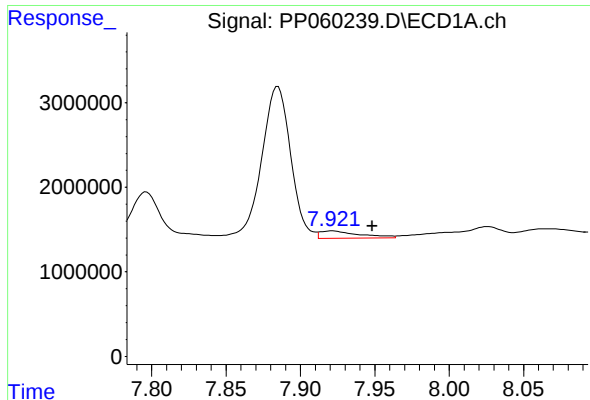
#32 AR-1260-2

R.T.: 7.567 min
Delta R.T.: -0.018 min
Response: 20074952
Conc: 195.69 ng/ml



#32 AR-1260-2

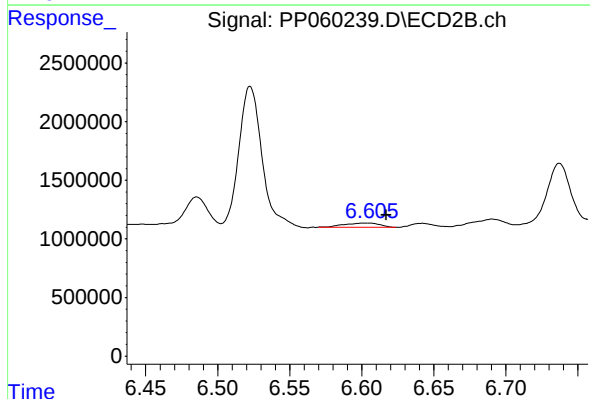
R.T.: 6.448 min
Delta R.T.: -0.019 min
Response: 230213
Conc: 2.10 ng/ml



#33 AR-1260-3

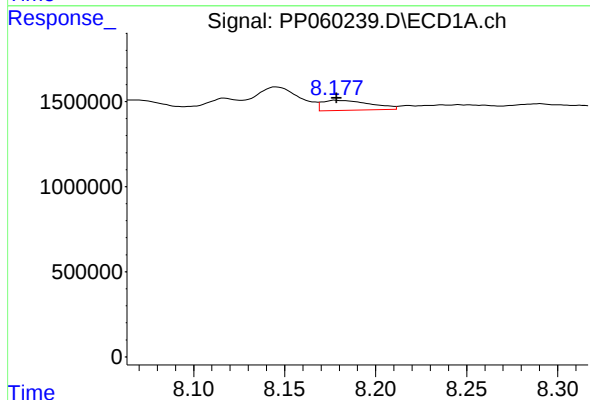
R.T.: 7.921 min
Delta R.T.: -0.027 min
Response: 1601969
Conc: 20.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



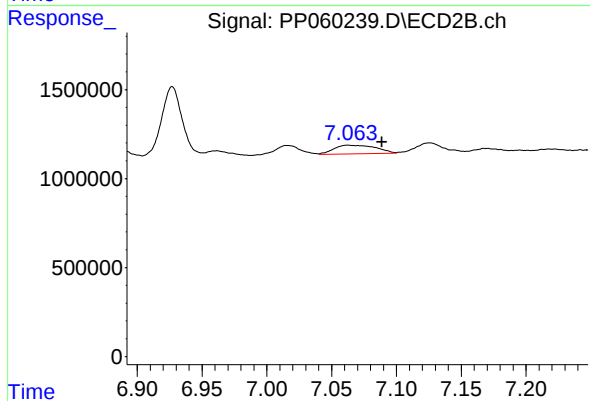
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.012 min
Response: 588149
Conc: 5.72 ng/ml



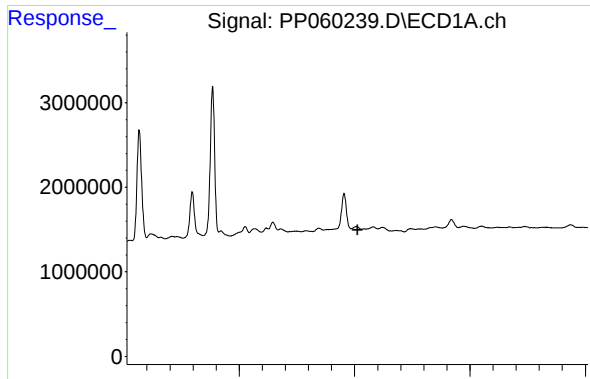
#34 AR-1260-4

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 1073961
Conc: 11.98 ng/ml



#34 AR-1260-4

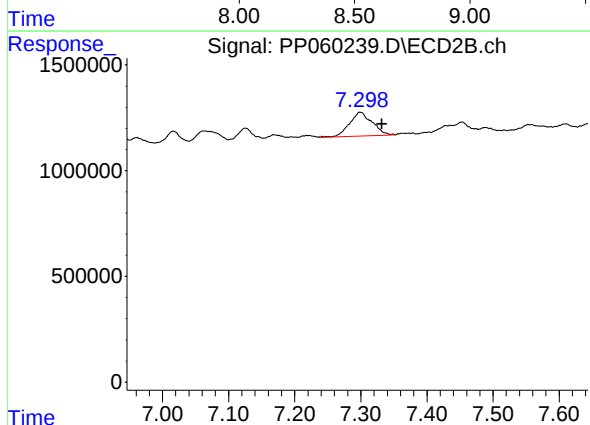
R.T.: 7.063 min
Delta R.T.: -0.026 min
Response: 1101363
Conc: 13.22 ng/ml



#35 AR-1260-5

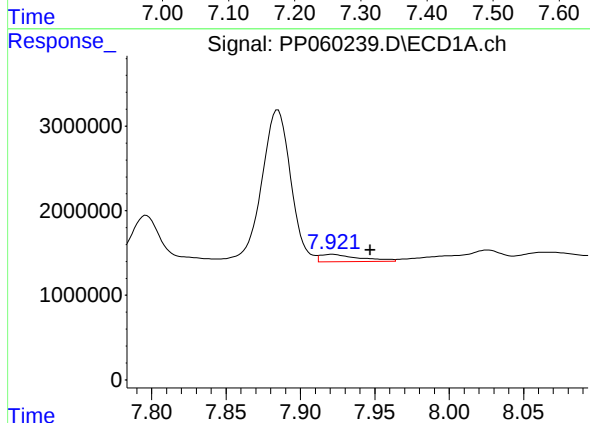
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



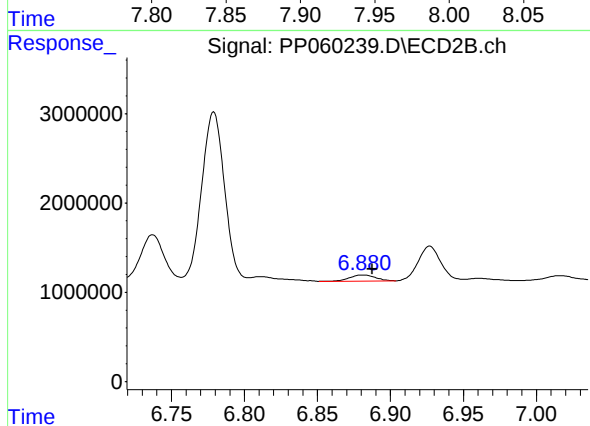
#35 AR-1260-5

R.T.: 7.299 min
Delta R.T.: -0.033 min
Response: 2685839
Conc: 13.96 ng/ml



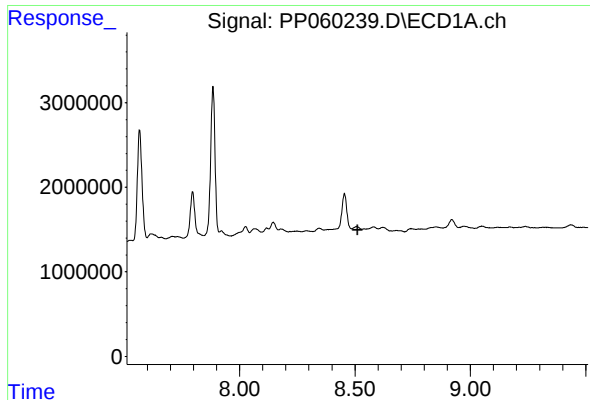
#36 AR-1262-1

R.T.: 7.921 min
Delta R.T.: -0.026 min
Response: 1601969
Conc: 13.84 ng/ml



#36 AR-1262-1

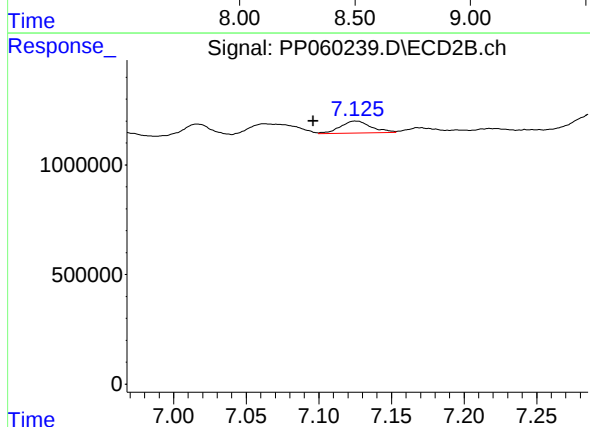
R.T.: 6.881 min
Delta R.T.: -0.006 min
Response: 837648
Conc: 16.60 ng/ml



#37 AR-1262-2

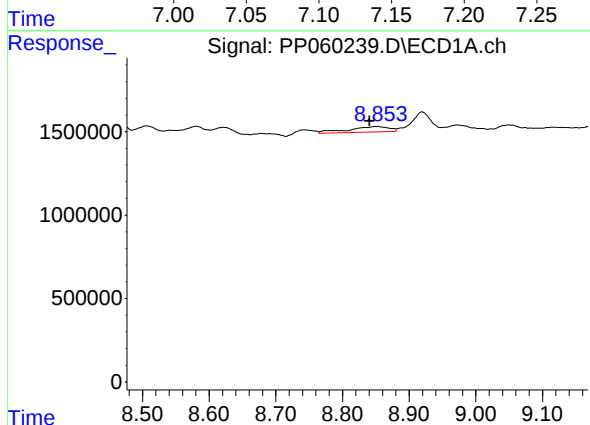
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



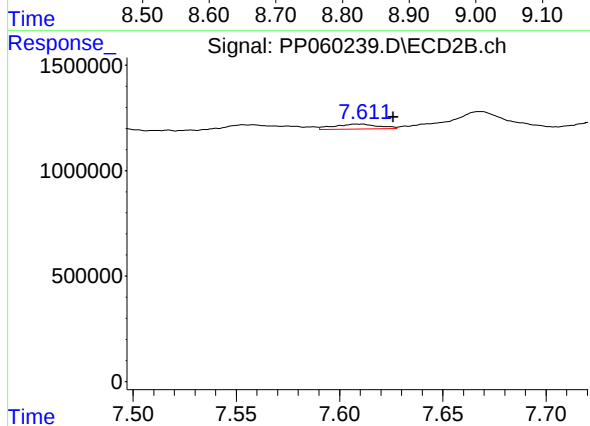
#37 AR-1262-2

R.T.: 7.126 min
Delta R.T.: 0.029 min
Response: 821489
Conc: 7.27 ng/ml



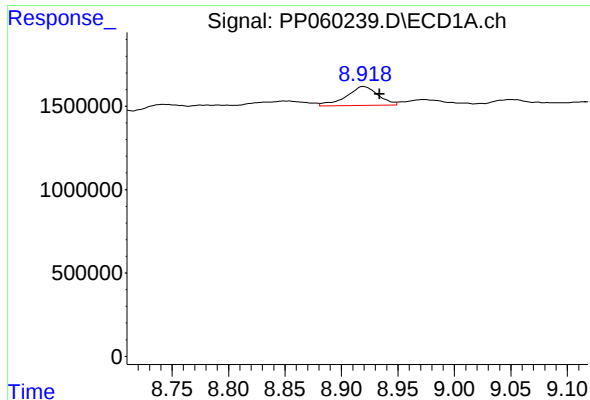
#38 AR-1262-3

R.T.: 8.852 min
Delta R.T.: 0.011 min
Response: 1453988
Conc: 10.10 ng/ml



#38 AR-1262-3

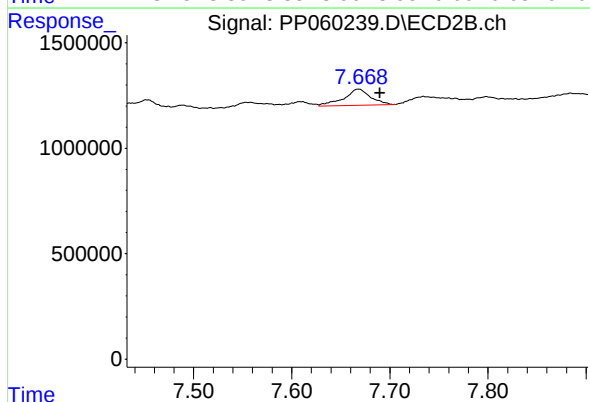
R.T.: 7.609 min
Delta R.T.: -0.017 min
Response: 356687
Conc: 4.07 ng/ml



#39 AR-1262-4

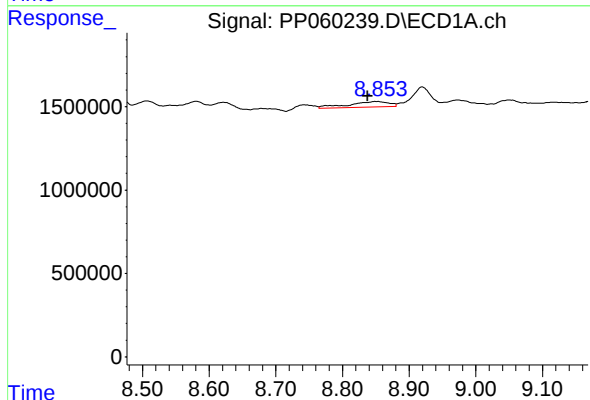
R.T.: 8.920 min
Delta R.T.: -0.014 min
Response: 2251668
Conc: 19.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



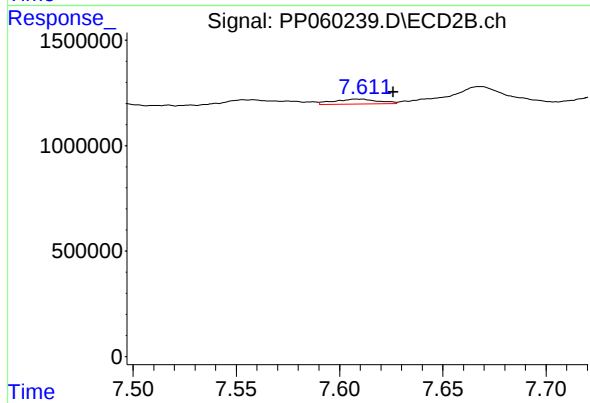
#39 AR-1262-4

R.T.: 7.668 min
Delta R.T.: -0.022 min
Response: 1461319
Conc: 8.95 ng/ml



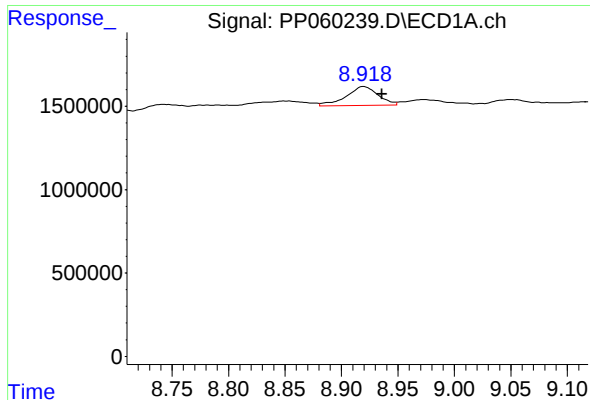
#41 AR-1268-1

R.T.: 8.852 min
Delta R.T.: 0.014 min
Response: 1453988
Conc: 5.80 ng/ml



#41 AR-1268-1

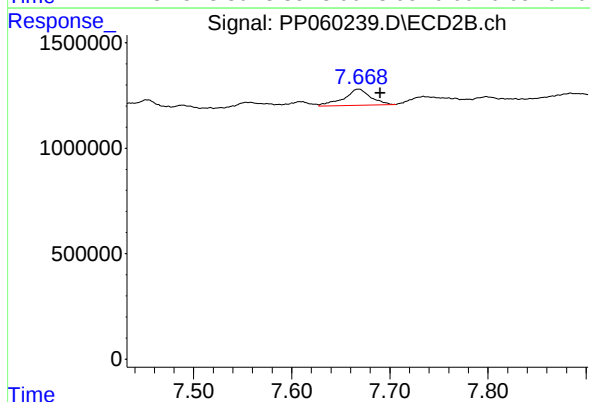
R.T.: 7.609 min
Delta R.T.: -0.017 min
Response: 356687
Conc: 1.37 ng/ml



#42 AR-1268-2

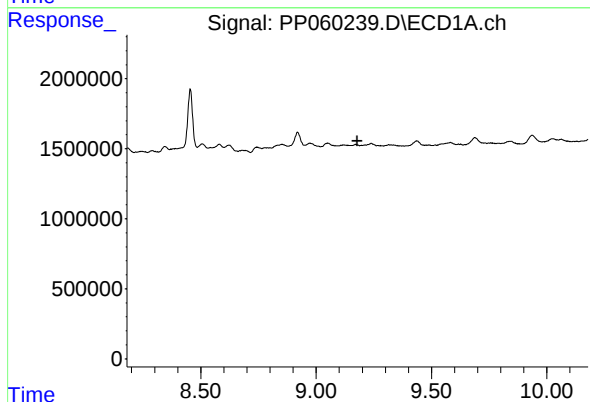
R.T.: 8.920 min
Delta R.T.: -0.016 min
Response: 2251668
Conc: 9.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



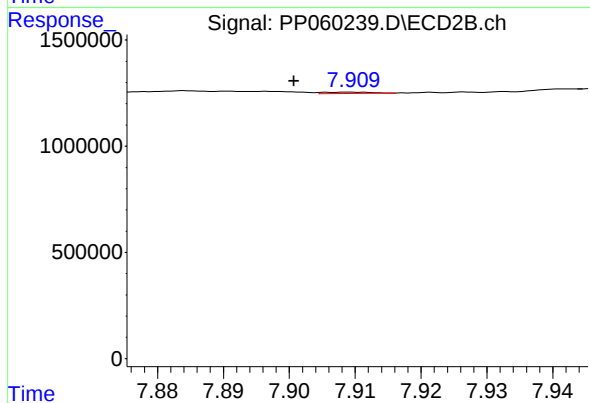
#42 AR-1268-2

R.T.: 7.668 min
Delta R.T.: -0.022 min
Response: 1461319
Conc: 6.32 ng/ml



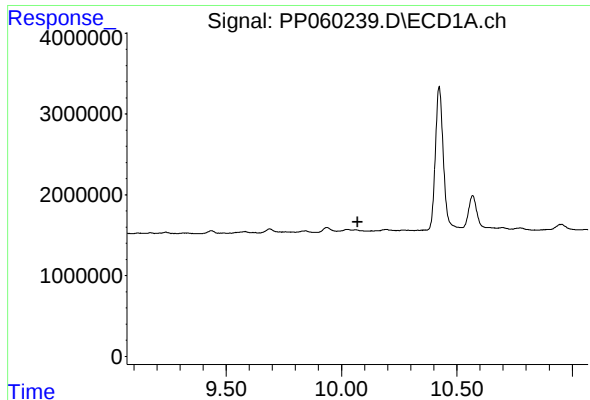
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.



#43 AR-1268-3

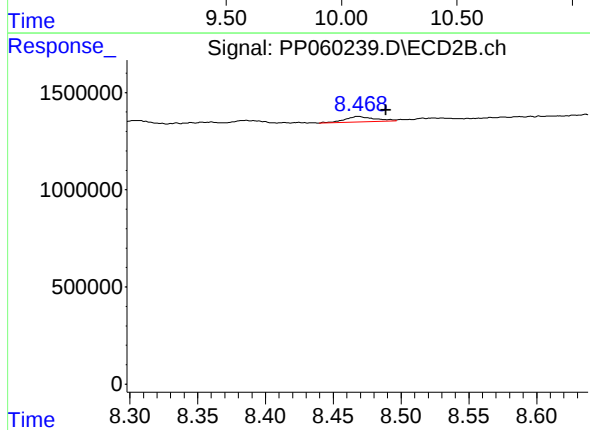
R.T.: 7.910 min
Delta R.T.: 0.009 min
Response: 28805
Conc: 0.14 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.469 min
Delta R.T.: -0.020 min
Response: 427749
Conc: 0.68 ng/ml