

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
 Data File : PP060071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 05:24
 Operator : YP\AJ
 Sample : 04511-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 06:11:22 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...	4.510	3.668	27834788	19705357	13.380	12.098
2) SA Decachlor...	10.427	8.738	23306621	23594733	15.280	15.583
Target Compounds						
3) L1 AR-1016-1	5.669f	4.776	1502874	119439	22.273	1.987 #
4) L1 AR-1016-2	0.000	4.795	0	37049	N.D.	0.446 #
5) L1 AR-1016-3	5.791	4.976	394217	807525	6.623	18.001 #
6) L1 AR-1016-4	0.000	5.022	0	1683856	N.D.	47.730 #
7) L1 AR-1016-5	6.196	5.230	2646176	4264	53.819	0.092 #
8) L2 AR-1221-1	4.720	3.897	2063712	84547	77.632	3.849 #
9) L2 AR-1221-2	4.822	3.974	453322	176809	23.031	11.452 #
10) L2 AR-1221-3	0.000	4.054	0	69319	N.D.	1.478 #
11) L3 AR-1232-1	0.000	4.054	0	69319	N.D.	1.824 #
12) L3 AR-1232-2	0.000	4.795	0	37049	N.D.	1.005 #
13) L3 AR-1232-3	0.000	4.976	0	807525	N.D.	40.329 #
14) L3 AR-1232-4	0.000	5.051	0	296414	N.D.	16.227 #
15) L3 AR-1232-5	0.000	5.230	0	4264	N.D.	0.213 #
16) L4 AR-1242-1	5.669f	4.776	1502874	119439	25.163	2.268 #
17) L4 AR-1242-2	0.000	4.795	0	37049	N.D.	0.514 #
18) L4 AR-1242-3	5.791	4.976	394217	807525	7.537	20.635 #
19) L4 AR-1242-4	0.000	5.051	0	296414	N.D.	7.564 #
20) L4 AR-1242-5	6.656f	5.582	571737	529549	12.505	10.946
21) L5 AR-1248-1	5.669f	4.776	1502874	119439	33.624	3.057 #
22) L5 AR-1248-2	0.000	5.022	0	1683856	N.D.	31.077 #
23) L5 AR-1248-3	6.196	5.051	2646176	296414	37.363	5.209 #
24) L5 AR-1248-4	6.601	5.230	4771264	4264	61.689	0.063 #
25) L5 AR-1248-5	6.656f	5.642f	571737	128735	7.599	1.952 #
26) L6 AR-1254-1	0.000	5.582	0	529549	N.D.	5.277 #
27) L6 AR-1254-2	6.758f	5.734	730060	260194	6.095	2.995 #
28) L6 AR-1254-3	0.000	6.137	0	107899	N.D.	0.769 #
29) L6 AR-1254-4	0.000	6.372	0	37523	N.D.	0.446 #
30) L6 AR-1254-5	0.000	6.793	0	130588	N.D.	1.101 #
31) L7 AR-1260-1	0.000	6.276	0	146988	N.D.	1.579 #
32) L7 AR-1260-2	7.590	6.456	5946071	507998	57.961	4.633 #
33) L7 AR-1260-3	7.946	6.620	3143424	30923	39.912	0.301 #
34) L7 AR-1260-4	8.190	7.090	750114	138588	8.370	1.664 #
35) L7 AR-1260-5	0.000	7.339	0	166552	N.D.	0.866 #
36) L8 AR-1262-1	7.946	6.885	3143424	53029	27.161	1.051 #
37) L8 AR-1262-2	0.000	7.090	0	138588	N.D.	1.227 #
38) L8 AR-1262-3	0.000	7.616	0	215786	N.D.	2.462 #
39) L8 AR-1262-4	0.000	7.688	0	60144	N.D.	0.368 #
41) L9 AR-1268-1	0.000	7.616	0	215786	N.D.	0.829 #
42) L9 AR-1268-2	0.000	7.692	0	66473	N.D.	0.288 #

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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	7.893	0	49957	N.D.	0.245 #
45) L9	AR-1268-5	0.000	8.480	0	23734	N.D.	0.038 #

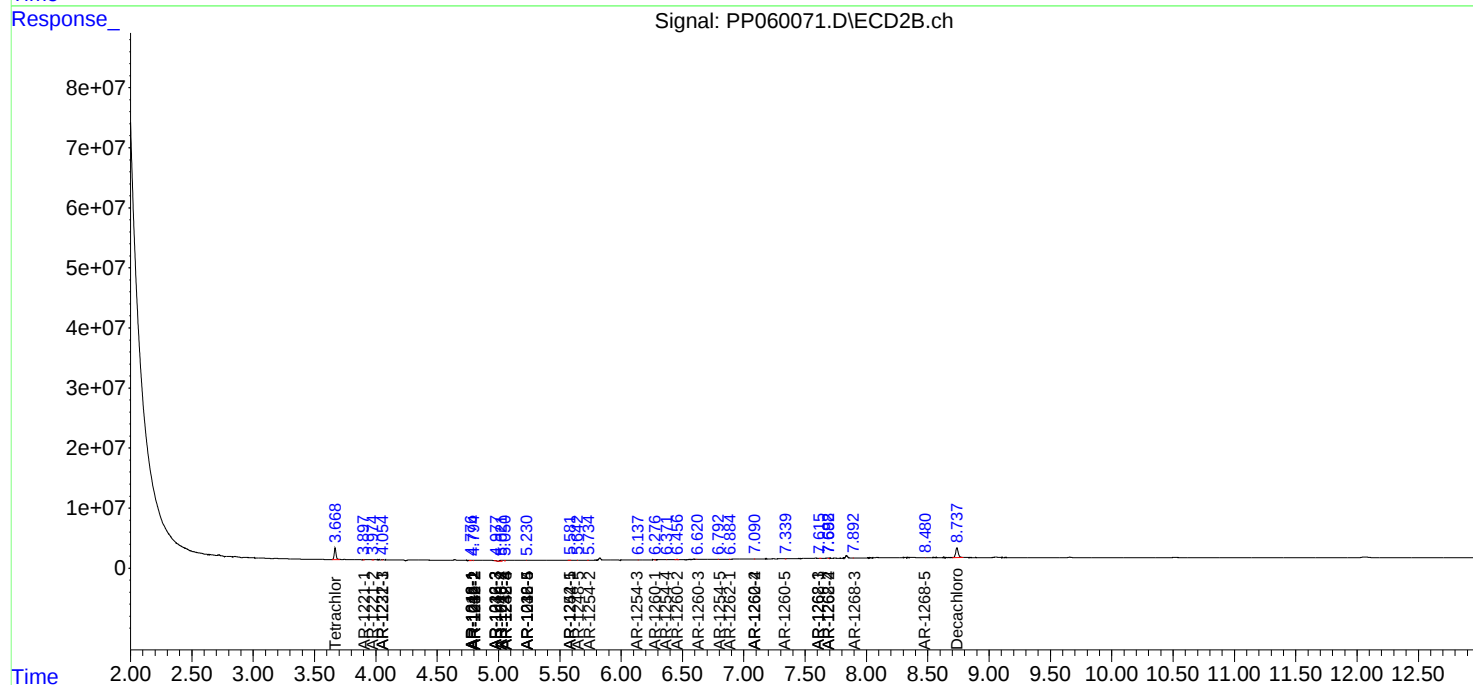
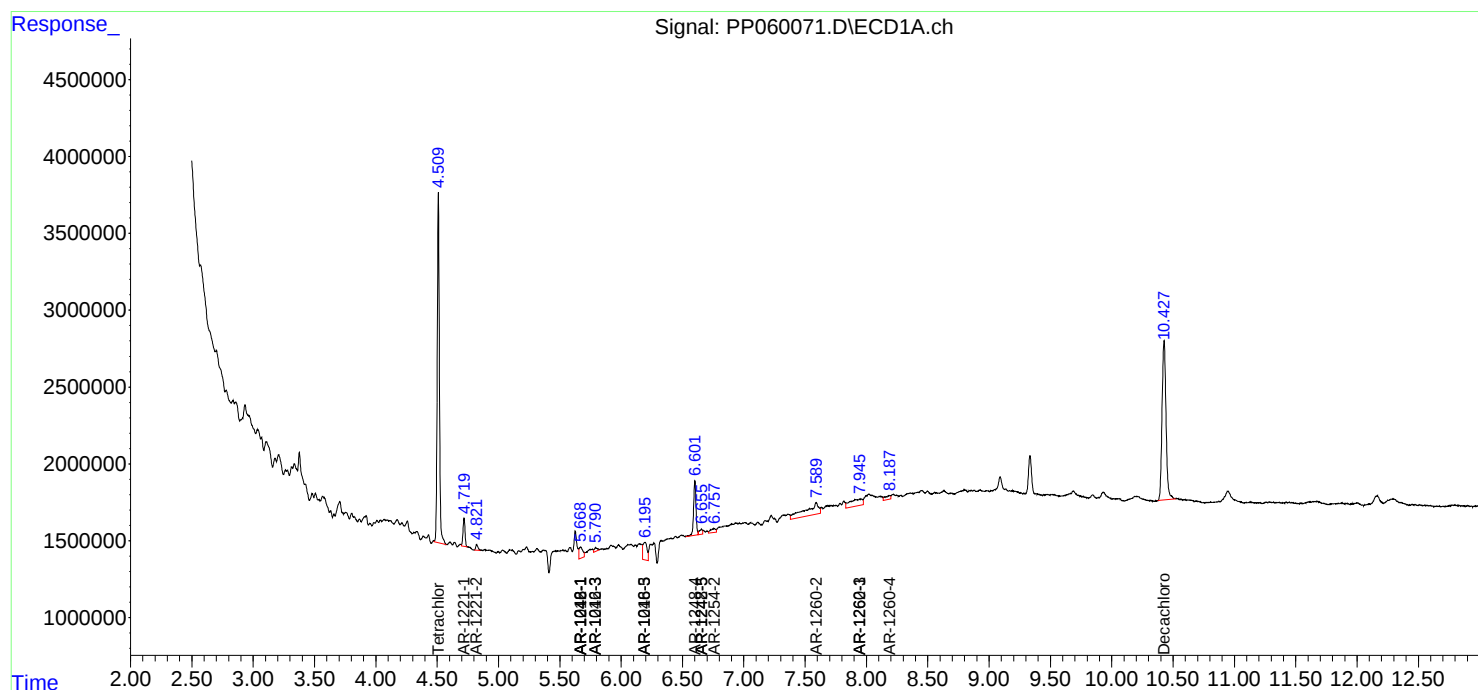
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

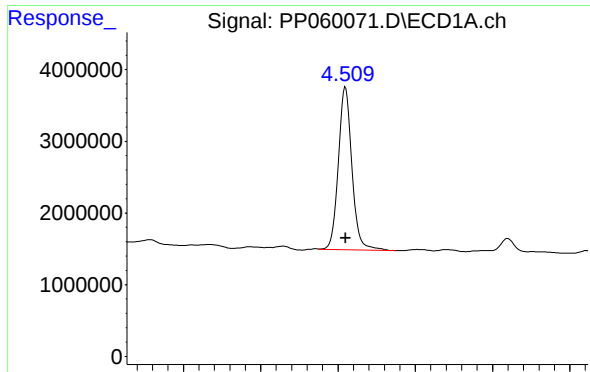
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

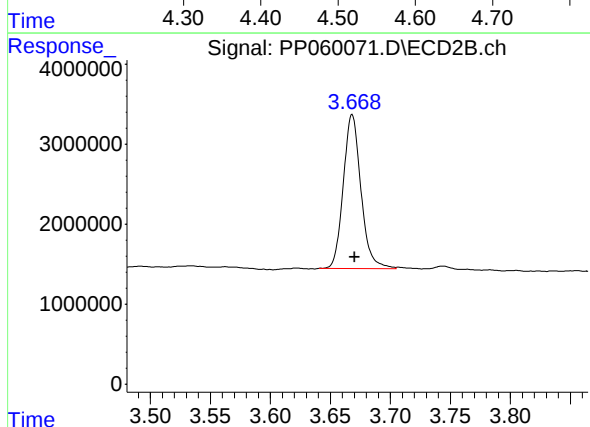




#1 Tetrachloro-m-xylene

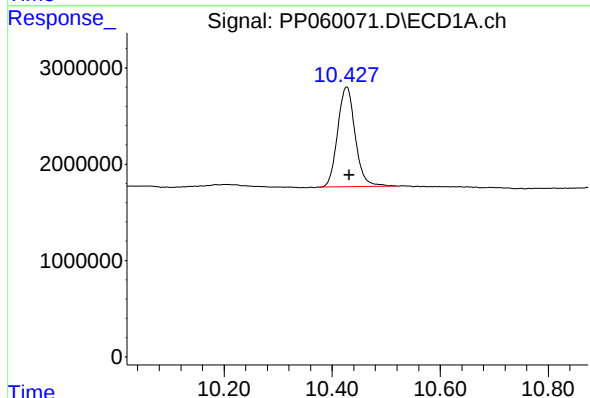
R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 27834788
Conc: 13.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



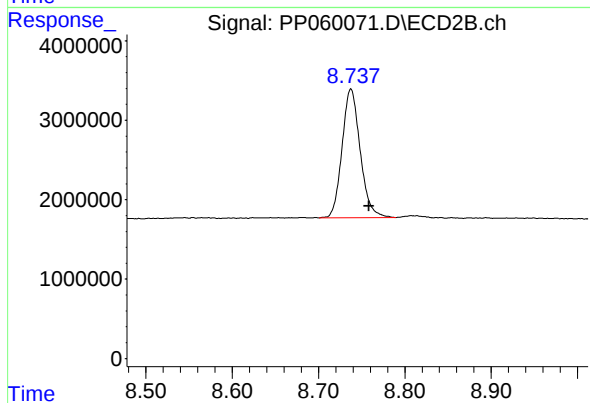
#1 Tetrachloro-m-xylene

R.T.: 3.668 min
Delta R.T.: -0.002 min
Response: 19705357
Conc: 12.10 ng/ml



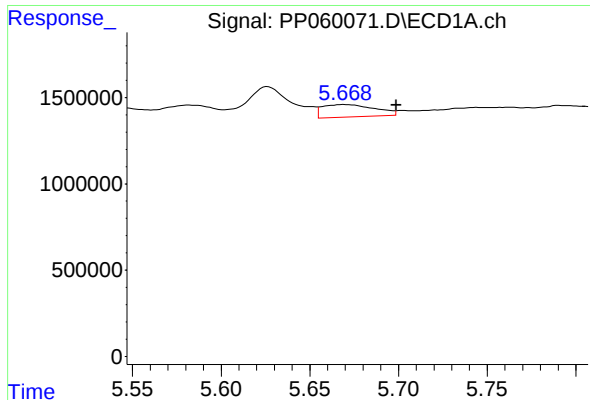
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.005 min
Response: 23306621
Conc: 15.28 ng/ml



#2 Decachlorobiphenyl

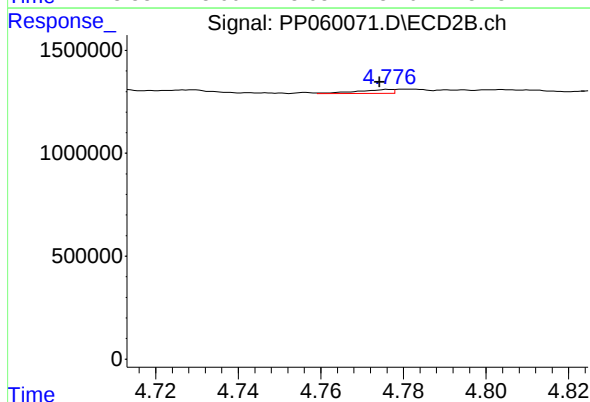
R.T.: 8.738 min
Delta R.T.: -0.021 min
Response: 23594733
Conc: 15.58 ng/ml



#3 AR-1016-1

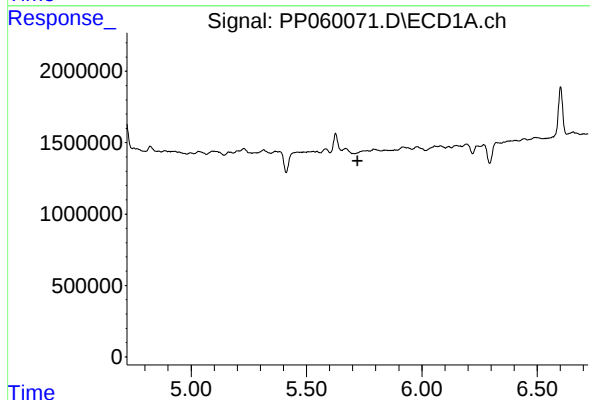
R.T.: 5.669 min
Delta R.T.: -0.030 min
Response: 1502874
Conc: 22.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



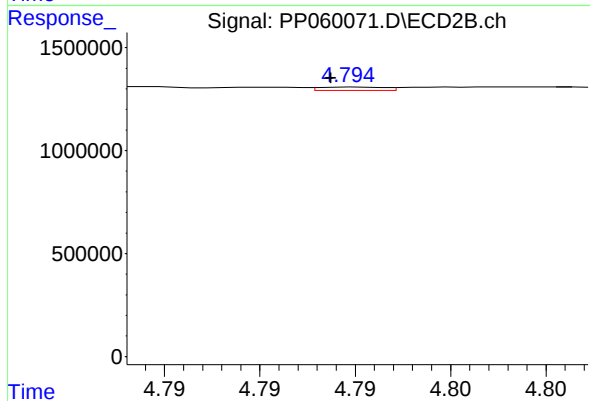
#3 AR-1016-1

R.T.: 4.776 min
Delta R.T.: 0.002 min
Response: 119439
Conc: 1.99 ng/ml



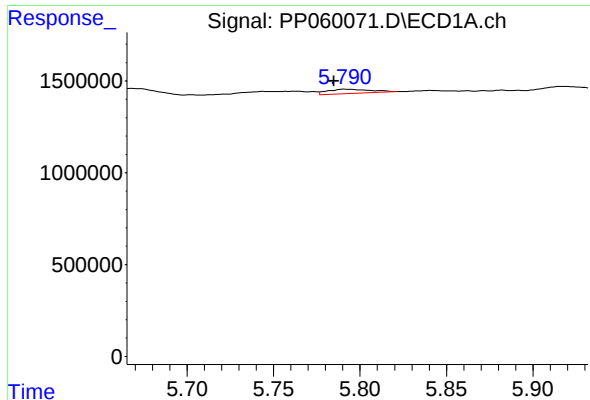
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#4 AR-1016-2

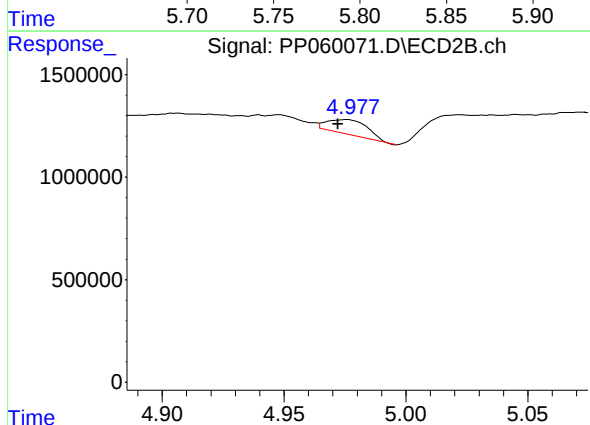
R.T.: 4.795 min
Delta R.T.: 0.001 min
Response: 37049
Conc: 0.45 ng/ml



#5 AR-1016-3

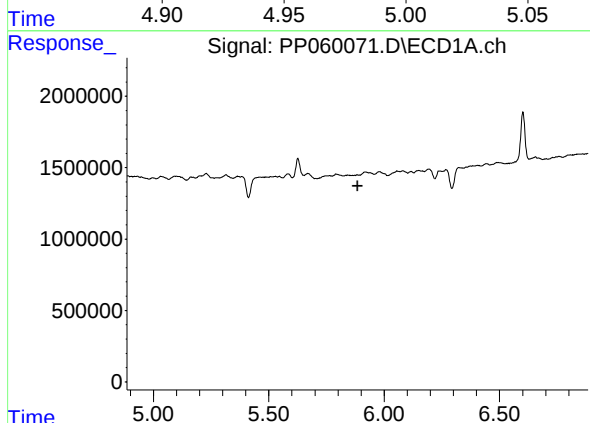
R.T.: 5.791 min
Delta R.T.: 0.006 min
Response: 394217
Conc: 6.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



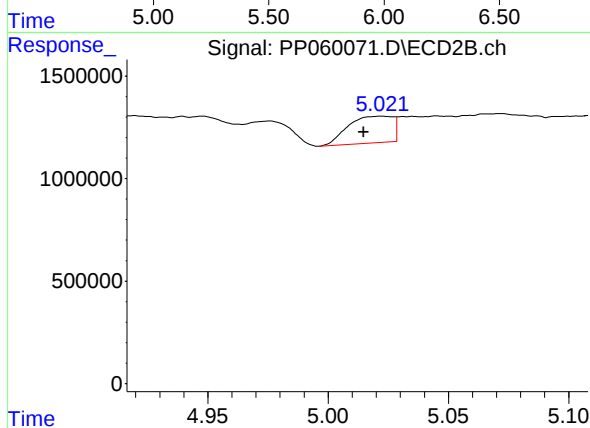
#5 AR-1016-3

R.T.: 4.976 min
Delta R.T.: 0.004 min
Response: 807525
Conc: 18.00 ng/ml



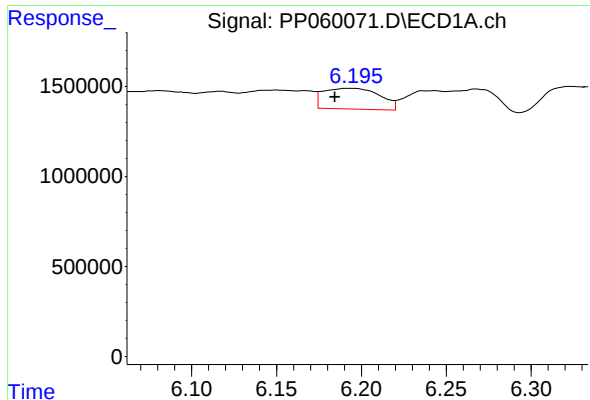
#6 AR-1016-4

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



#6 AR-1016-4

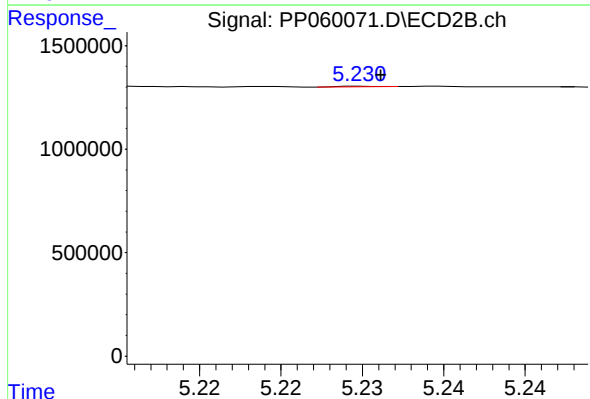
R.T.: 5.022 min
Delta R.T.: 0.007 min
Response: 1683856
Conc: 47.73 ng/ml



#7 AR-1016-5

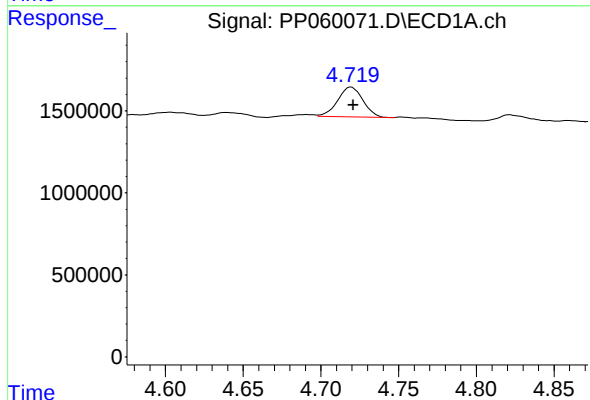
R.T.: 6.196 min
Delta R.T.: 0.011 min
Response: 2646176
Conc: 53.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



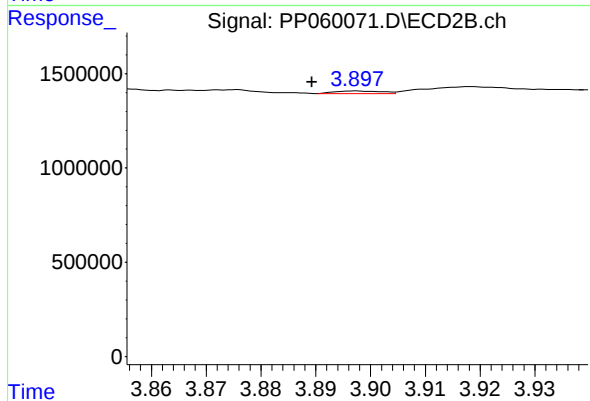
#7 AR-1016-5

R.T.: 5.230 min
Delta R.T.: -0.001 min
Response: 4264
Conc: 0.09 ng/ml



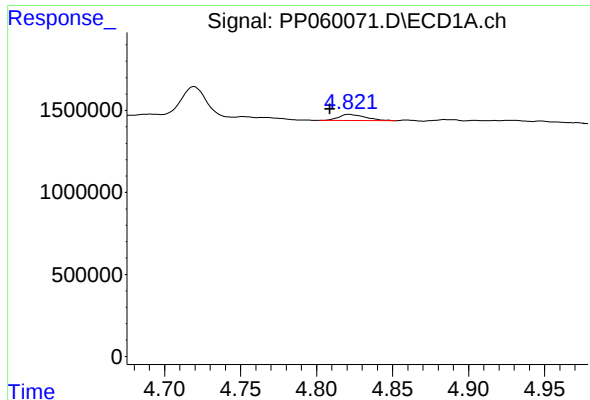
#8 AR-1221-1

R.T.: 4.720 min
Delta R.T.: -0.001 min
Response: 2063712
Conc: 77.63 ng/ml



#8 AR-1221-1

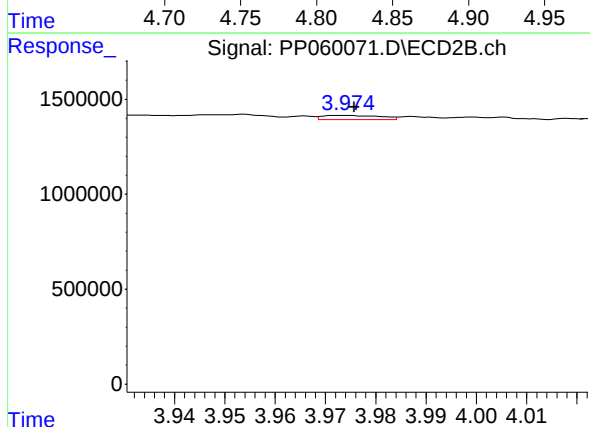
R.T.: 3.897 min
Delta R.T.: 0.008 min
Response: 84547
Conc: 3.85 ng/ml



#9 AR-1221-2

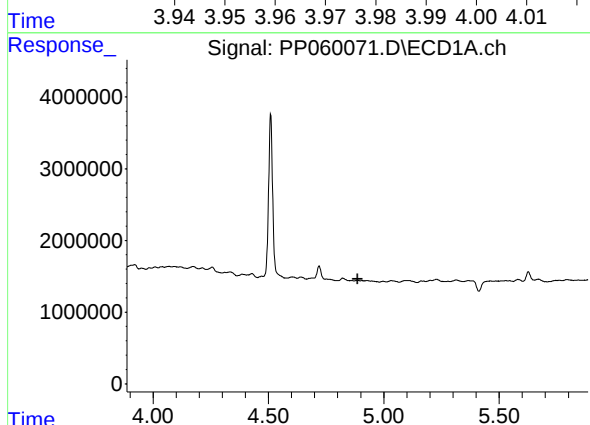
R.T.: 4.822 min
Delta R.T.: 0.013 min
Response: 453322
Conc: 23.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



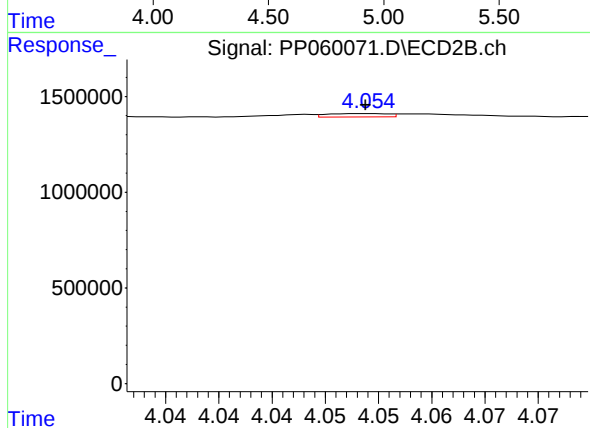
#9 AR-1221-2

R.T.: 3.974 min
Delta R.T.: -0.001 min
Response: 176809
Conc: 11.45 ng/ml



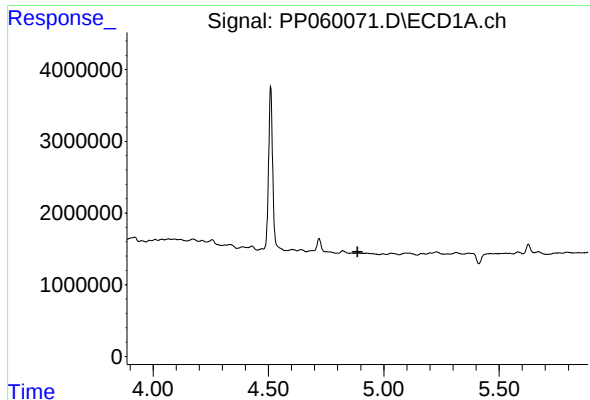
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.



#10 AR-1221-3

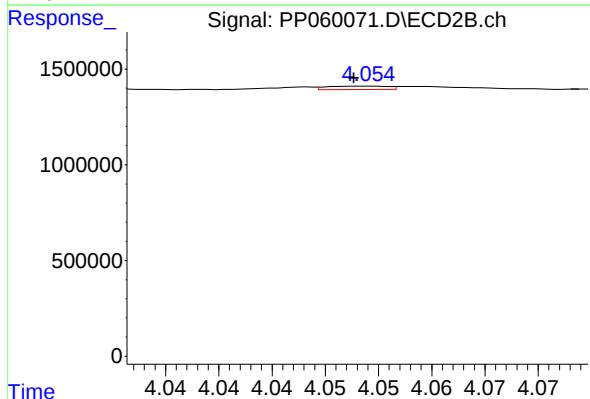
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 69319
Conc: 1.48 ng/ml



#11 AR-1232-1

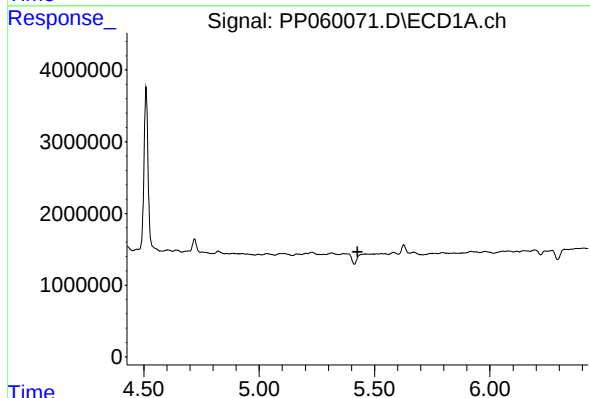
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



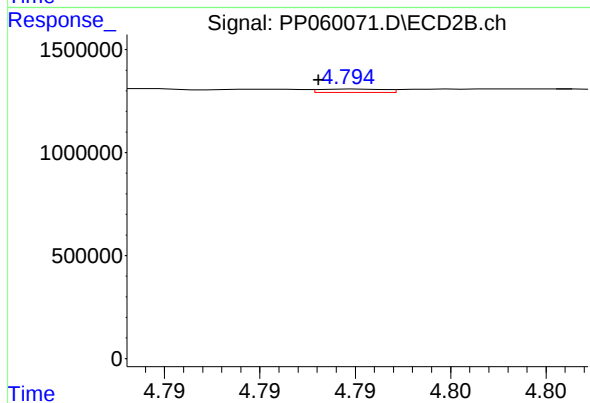
#11 AR-1232-1

R.T.: 4.054 min
Delta R.T.: 0.001 min
Response: 69319
Conc: 1.82 ng/ml



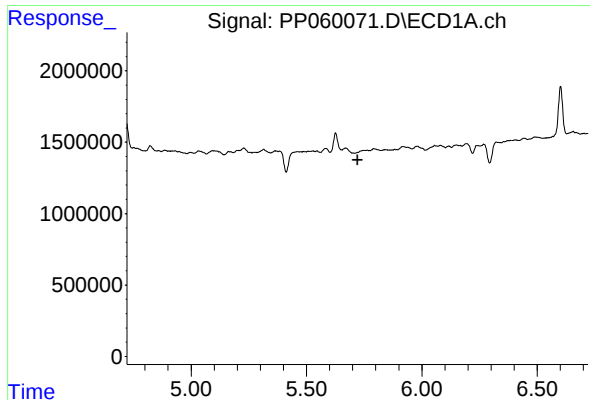
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.



#12 AR-1232-2

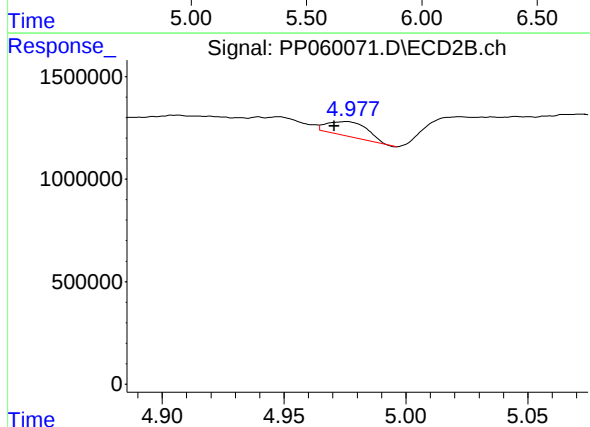
R.T.: 4.795 min
Delta R.T.: 0.002 min
Response: 37049
Conc: 1.00 ng/ml



#13 AR-1232-3

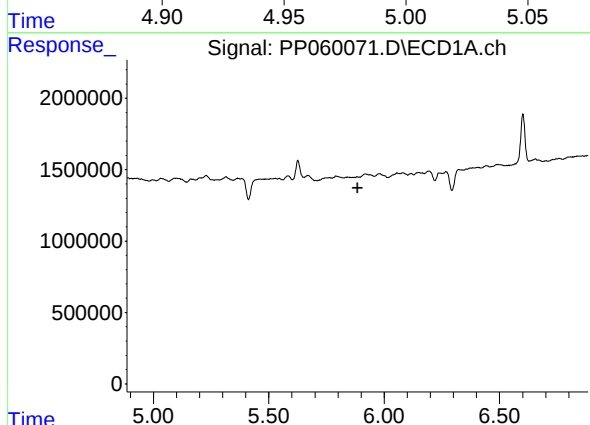
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



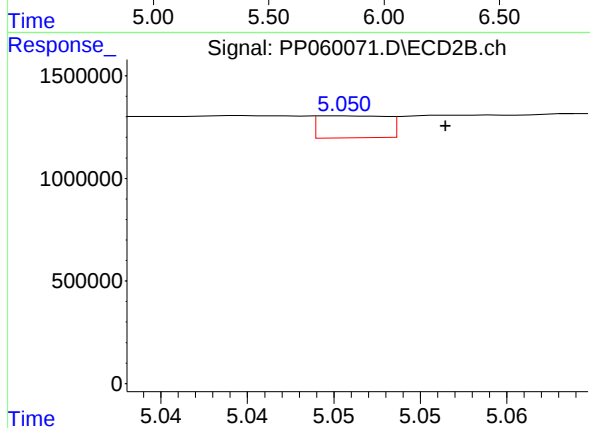
#13 AR-1232-3

R.T.: 4.976 min
Delta R.T.: 0.006 min
Response: 807525
Conc: 40.33 ng/ml



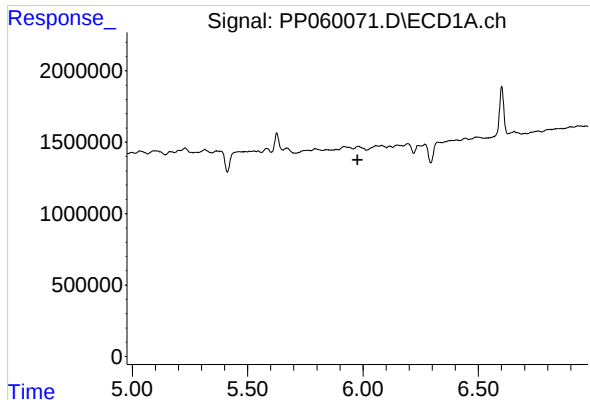
#14 AR-1232-4

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



#14 AR-1232-4

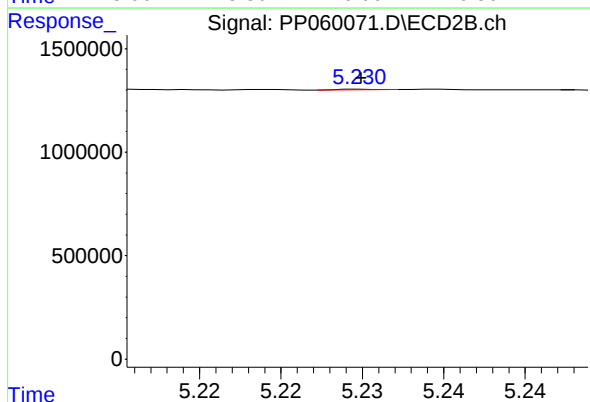
R.T.: 5.051 min
Delta R.T.: -0.006 min
Response: 296414
Conc: 16.23 ng/ml



#15 AR-1232-5

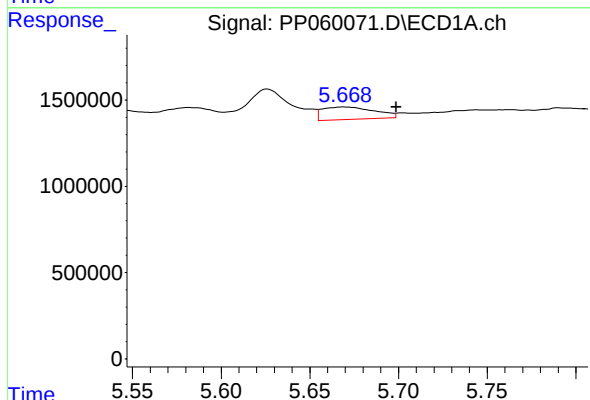
R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



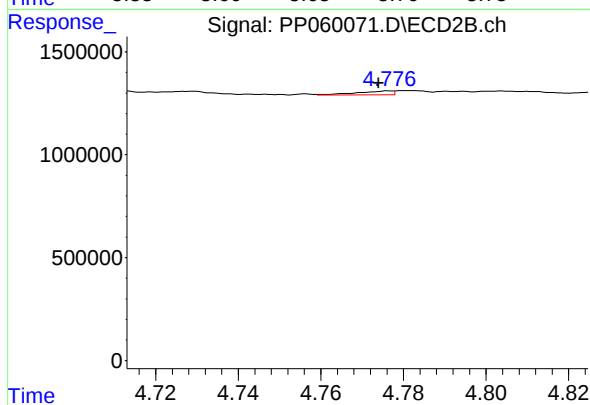
#15 AR-1232-5

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 4264
Conc: 0.21 ng/ml



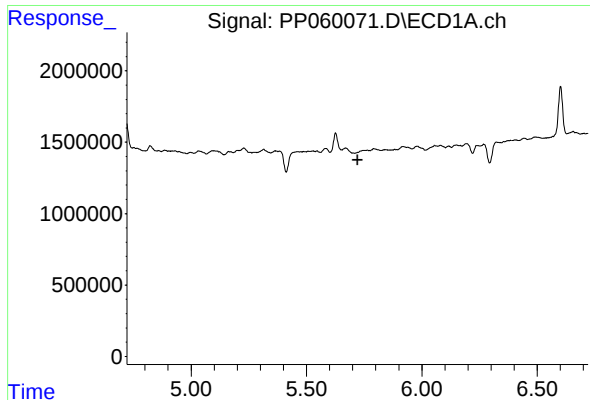
#16 AR-1242-1

R.T.: 5.669 min
Delta R.T.: -0.030 min
Response: 1502874
Conc: 25.16 ng/ml



#16 AR-1242-1

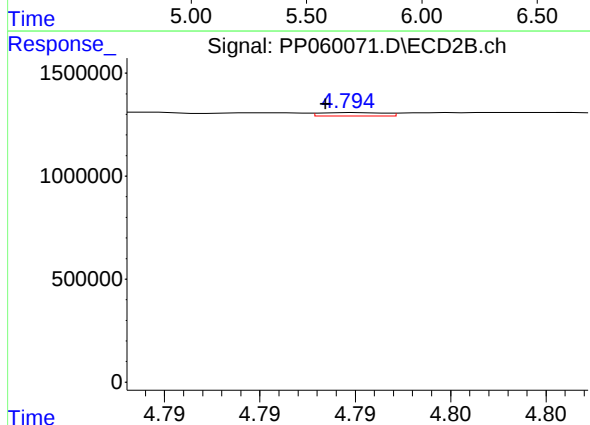
R.T.: 4.776 min
Delta R.T.: 0.003 min
Response: 119439
Conc: 2.27 ng/ml



#17 AR-1242-2

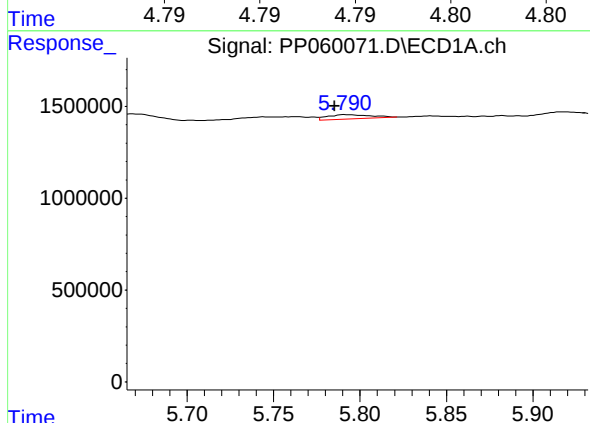
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



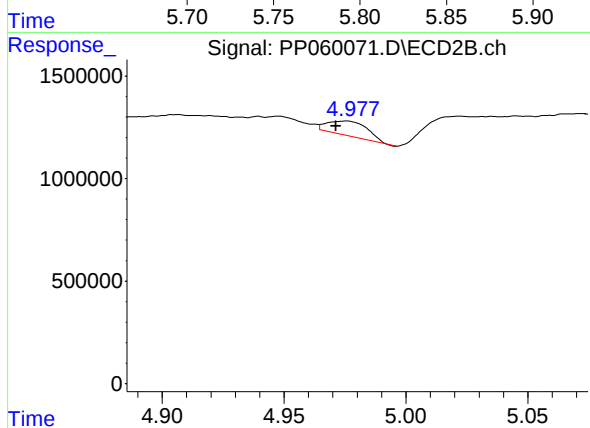
#17 AR-1242-2

R.T.: 4.795 min
Delta R.T.: 0.001 min
Response: 37049
Conc: 0.51 ng/ml



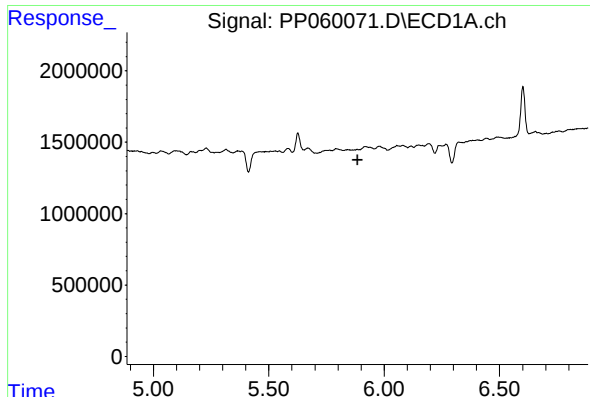
#18 AR-1242-3

R.T.: 5.791 min
Delta R.T.: 0.005 min
Response: 394217
Conc: 7.54 ng/ml



#18 AR-1242-3

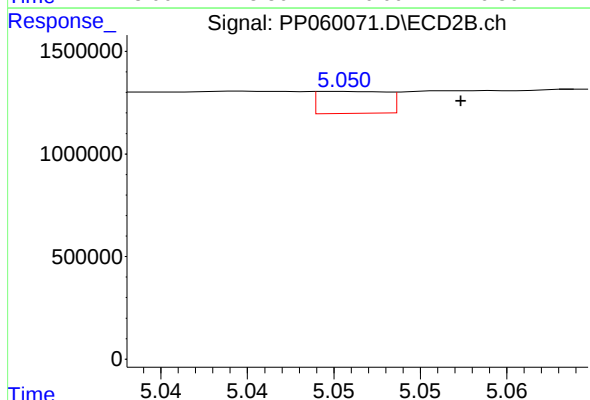
R.T.: 4.976 min
Delta R.T.: 0.005 min
Response: 807525
Conc: 20.64 ng/ml



#19 AR-1242-4

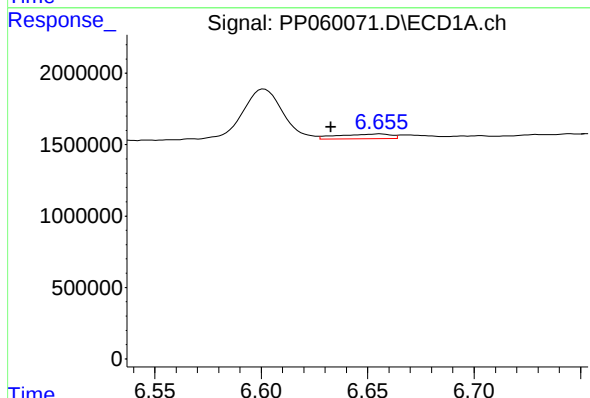
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



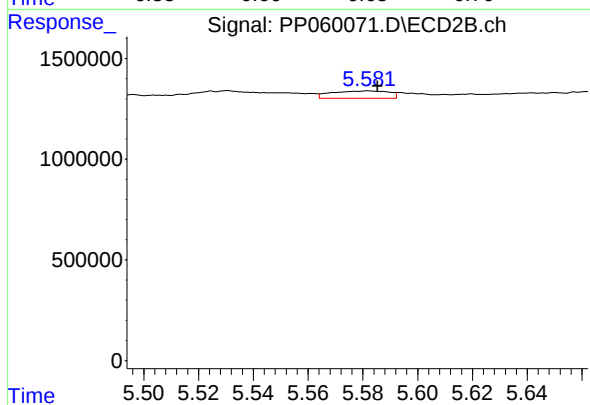
#19 AR-1242-4

R.T.: 5.051 min
Delta R.T.: -0.007 min
Response: 296414
Conc: 7.56 ng/ml



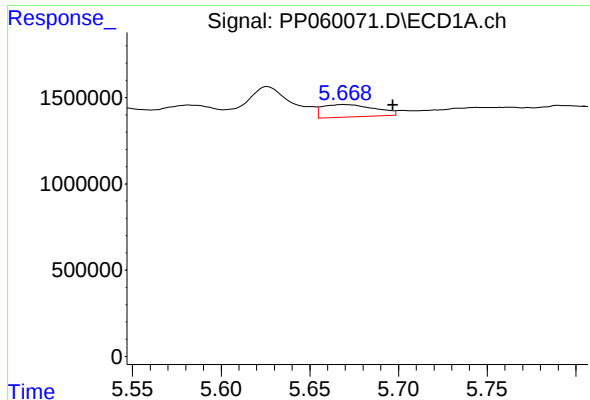
#20 AR-1242-5

R.T.: 6.656 min
Delta R.T.: 0.023 min
Response: 571737
Conc: 12.51 ng/ml



#20 AR-1242-5

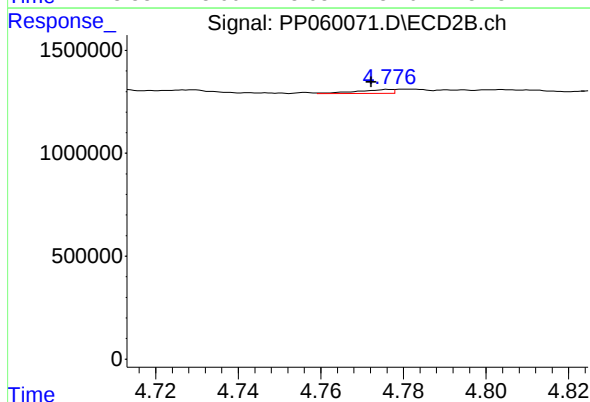
R.T.: 5.582 min
Delta R.T.: -0.004 min
Response: 529549
Conc: 10.95 ng/ml



#21 AR-1248-1

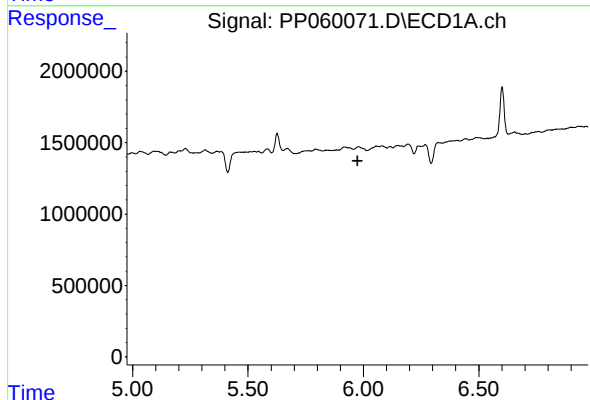
R.T.: 5.669 min
Delta R.T.: -0.028 min
Response: 1502874
Conc: 33.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



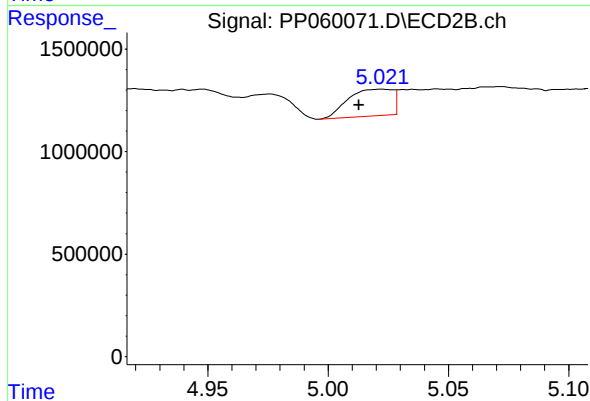
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: 0.004 min
Response: 119439
Conc: 3.06 ng/ml



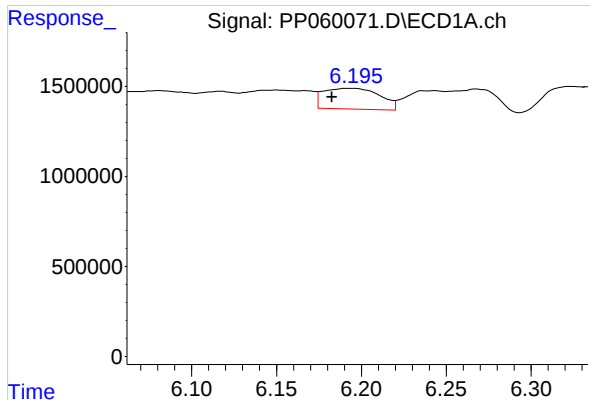
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.975 min
Response: 0
Conc: N.D.



#22 AR-1248-2

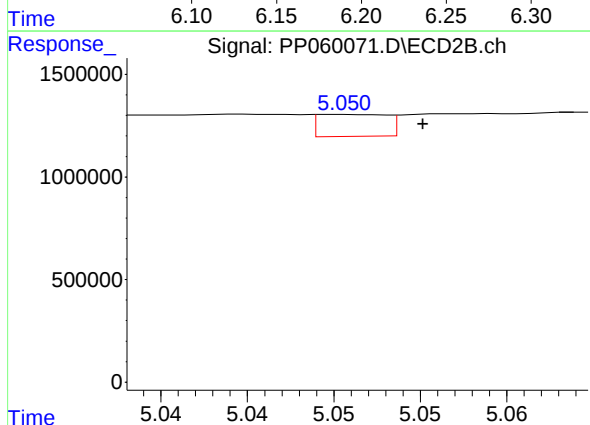
R.T.: 5.022 min
Delta R.T.: 0.009 min
Response: 1683856
Conc: 31.08 ng/ml



#23 AR-1248-3

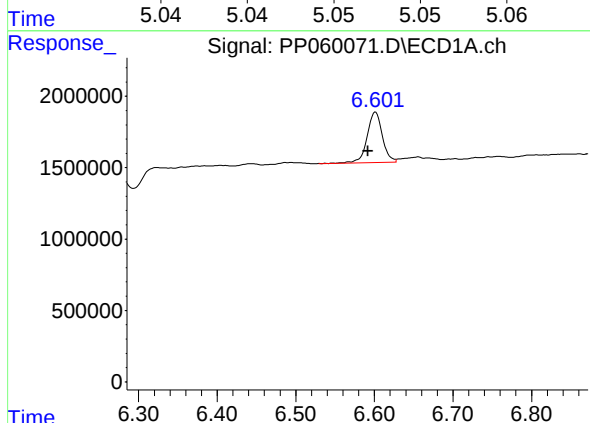
R.T.: 6.196 min
Delta R.T.: 0.013 min
Response: 2646176
Conc: 37.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



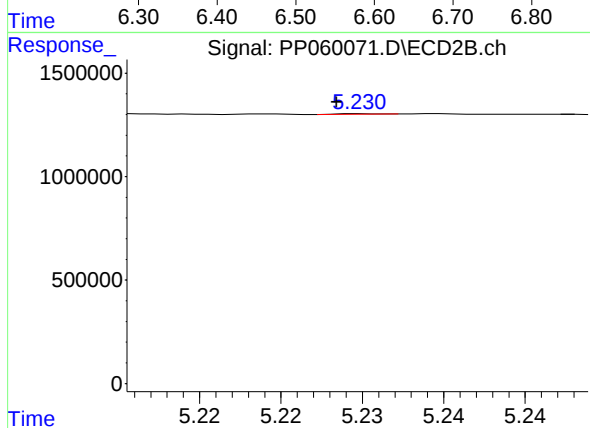
#23 AR-1248-3

R.T.: 5.051 min
Delta R.T.: -0.005 min
Response: 296414
Conc: 5.21 ng/ml



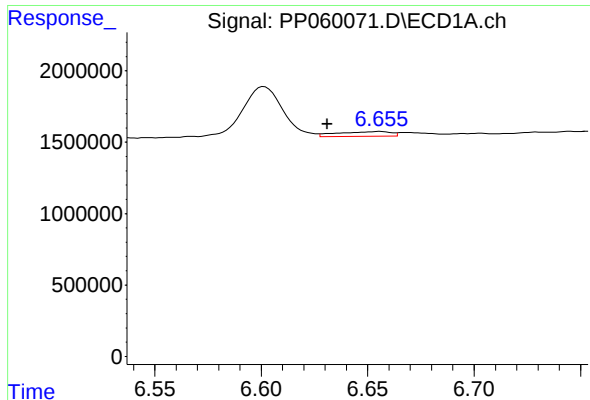
#24 AR-1248-4

R.T.: 6.601 min
Delta R.T.: 0.009 min
Response: 4771264
Conc: 61.69 ng/ml



#24 AR-1248-4

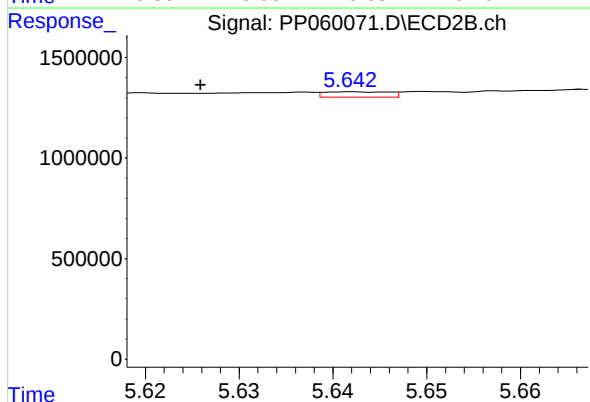
R.T.: 5.230 min
Delta R.T.: 0.002 min
Response: 4264
Conc: 0.06 ng/ml



#25 AR-1248-5

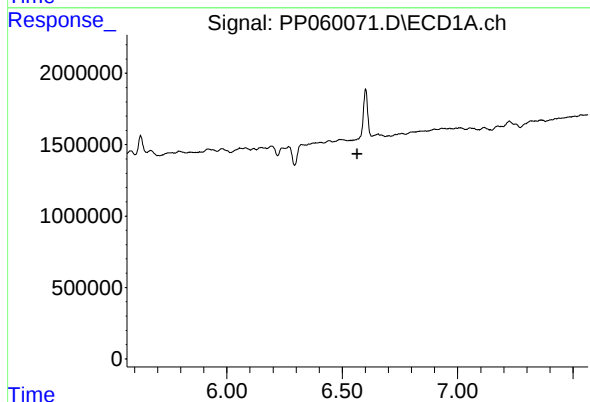
R.T.: 6.656 min
Delta R.T.: 0.024 min
Response: 571737
Conc: 7.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



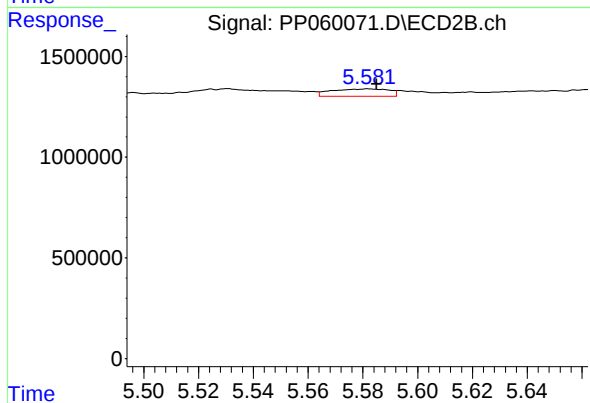
#25 AR-1248-5

R.T.: 5.642 min
Delta R.T.: 0.016 min
Response: 128735
Conc: 1.95 ng/ml



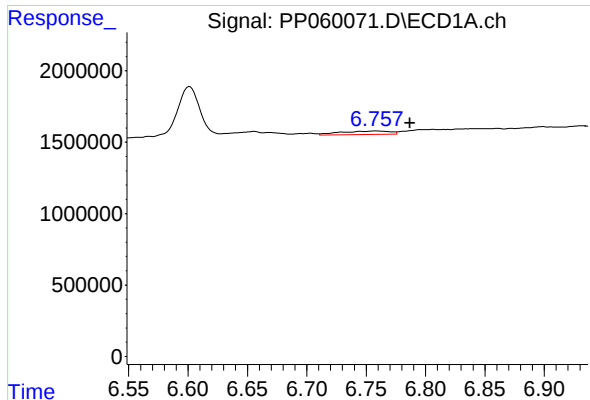
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.565 min
Response: 0
Conc: N.D.



#26 AR-1254-1

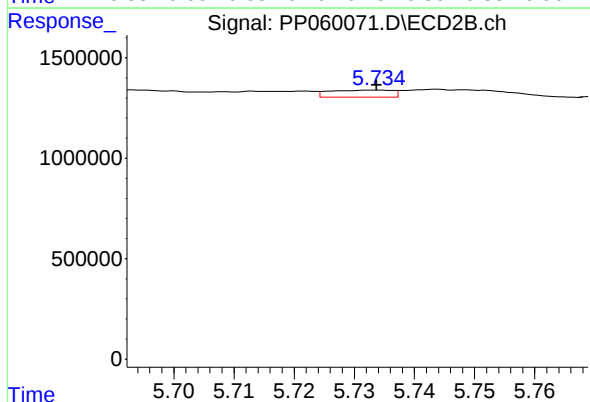
R.T.: 5.582 min
Delta R.T.: -0.003 min
Response: 529549
Conc: 5.28 ng/ml



#27 AR-1254-2

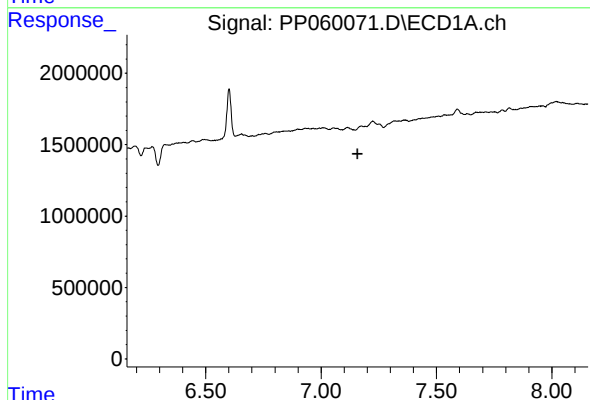
R.T.: 6.758 min
Delta R.T.: -0.029 min
Response: 730060
Conc: 6.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



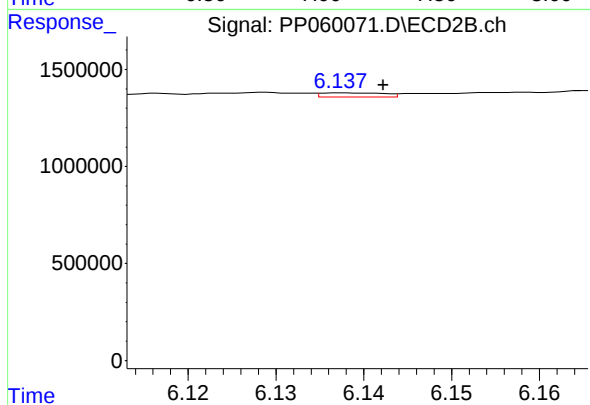
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 260194
Conc: 2.99 ng/ml



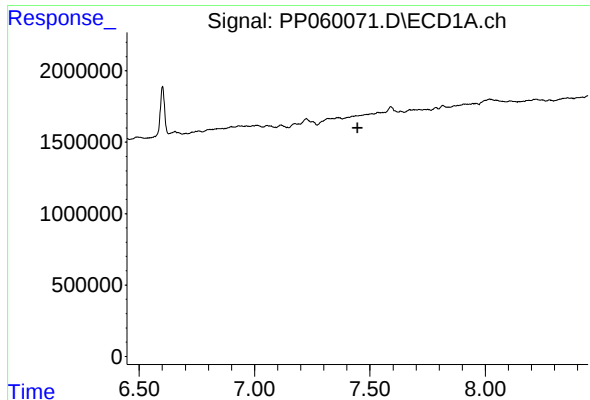
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 7.158 min
Response: 0
Conc: N.D.



#28 AR-1254-3

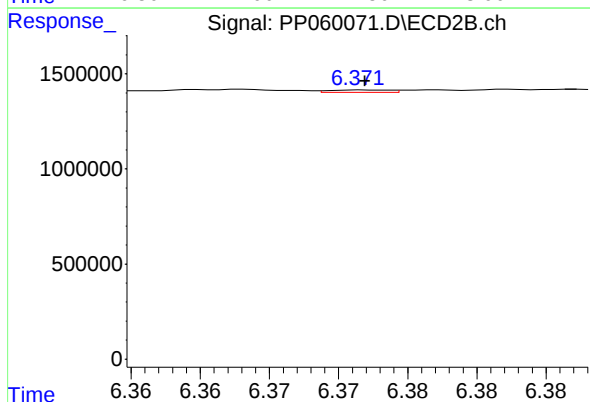
R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 107899
Conc: 0.77 ng/ml



#29 AR-1254-4

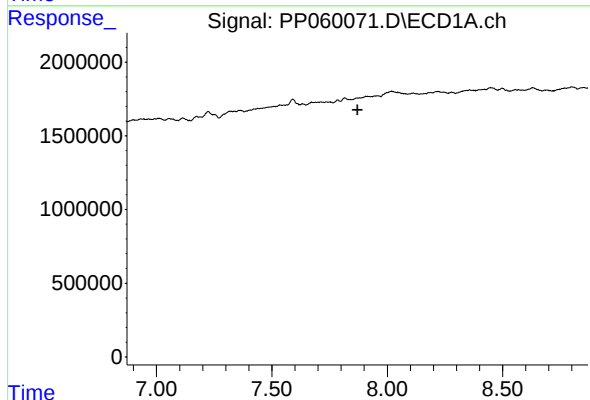
R.T.: 0.000 min
Exp R.T.: 7.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



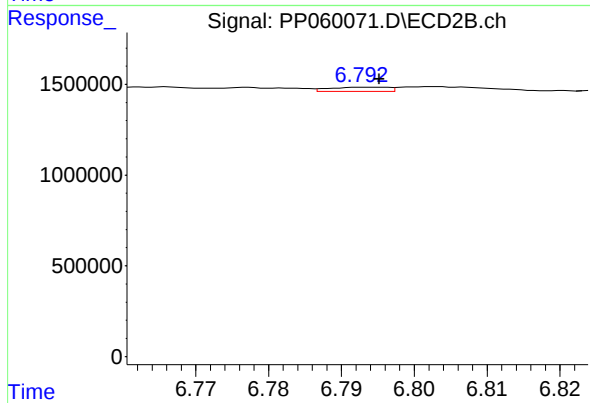
#29 AR-1254-4

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 37523
Conc: 0.45 ng/ml



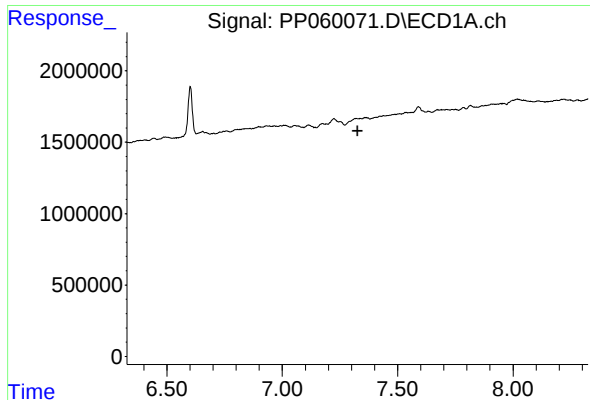
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.871 min
Response: 0
Conc: N.D.



#30 AR-1254-5

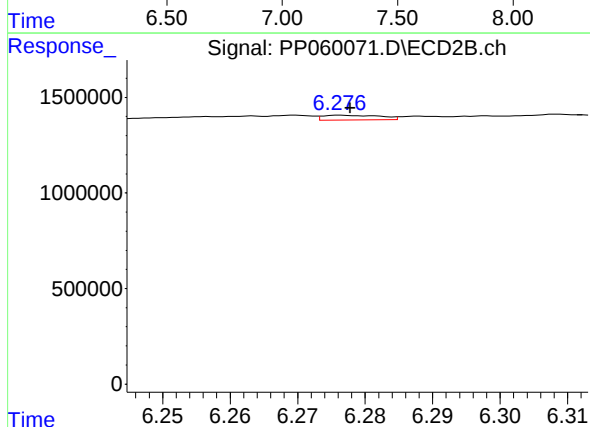
R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 130588
Conc: 1.10 ng/ml



#31 AR-1260-1

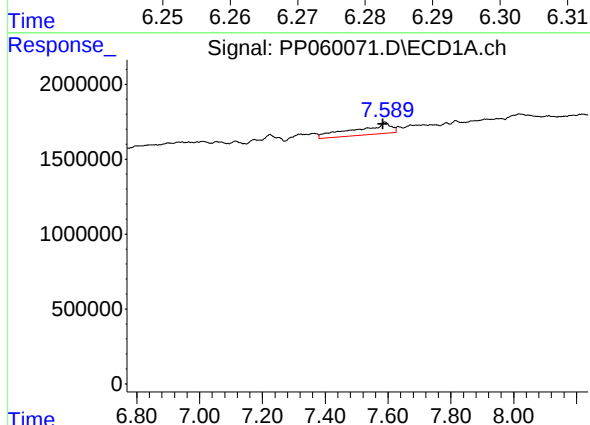
R.T.: 0.000 min
Exp R.T.: 7.326 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



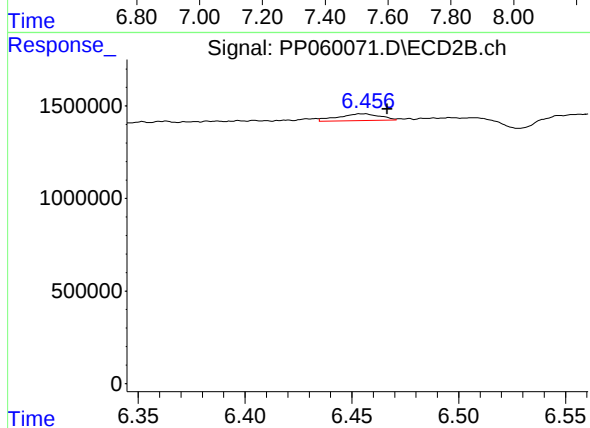
#31 AR-1260-1

R.T.: 6.276 min
Delta R.T.: -0.002 min
Response: 146988
Conc: 1.58 ng/ml



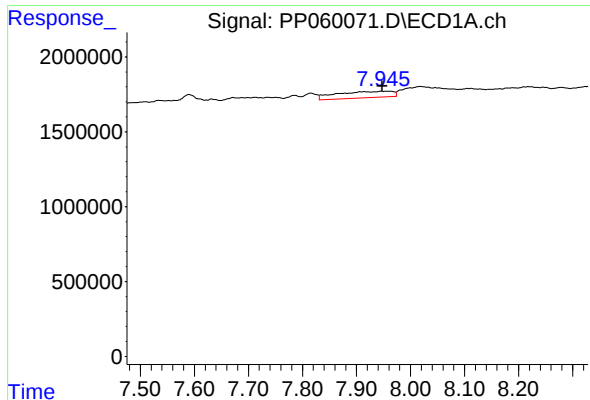
#32 AR-1260-2

R.T.: 7.590 min
Delta R.T.: 0.005 min
Response: 5946071
Conc: 57.96 ng/ml



#32 AR-1260-2

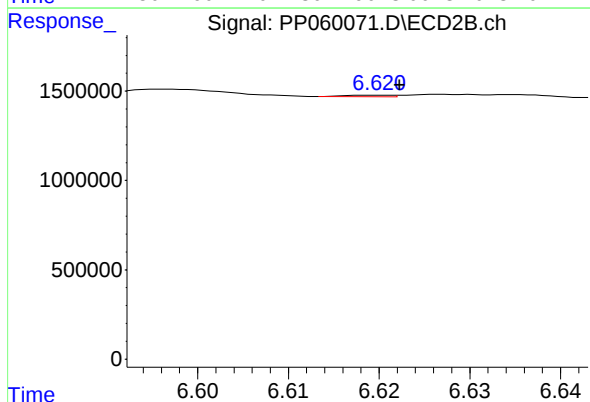
R.T.: 6.456 min
Delta R.T.: -0.010 min
Response: 507998
Conc: 4.63 ng/ml



#33 AR-1260-3

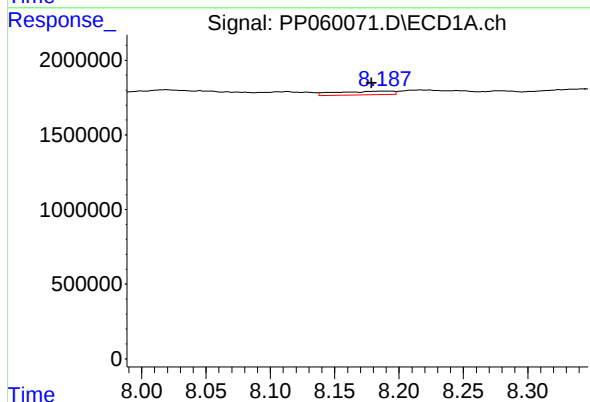
R.T.: 7.946 min
Delta R.T.: -0.002 min
Response: 3143424
Conc: 39.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



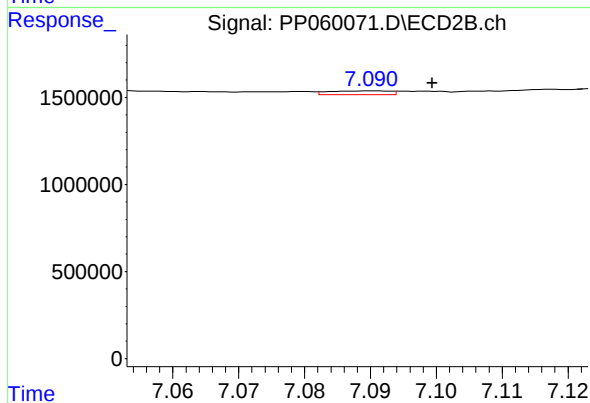
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.002 min
Response: 30923
Conc: 0.30 ng/ml



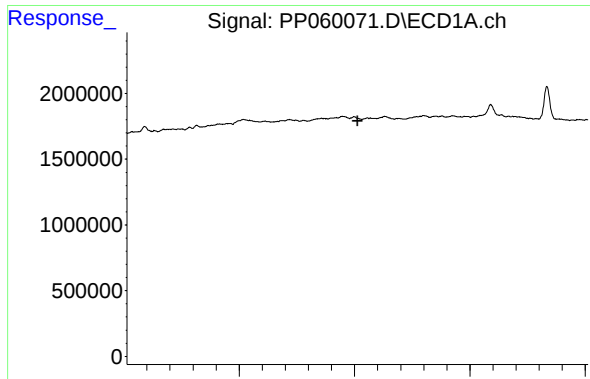
#34 AR-1260-4

R.T.: 8.190 min
Delta R.T.: 0.011 min
Response: 750114
Conc: 8.37 ng/ml



#34 AR-1260-4

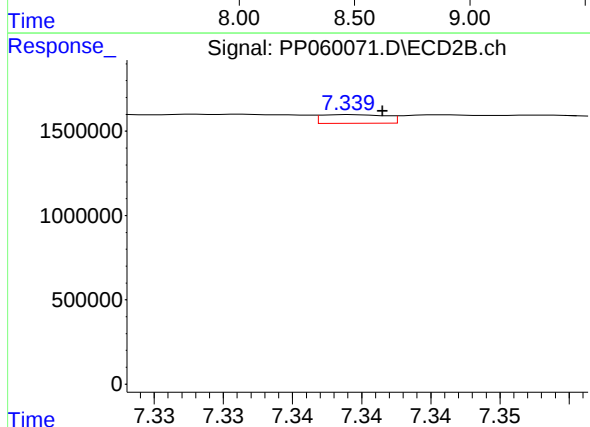
R.T.: 7.090 min
Delta R.T.: -0.009 min
Response: 138588
Conc: 1.66 ng/ml



#35 AR-1260-5

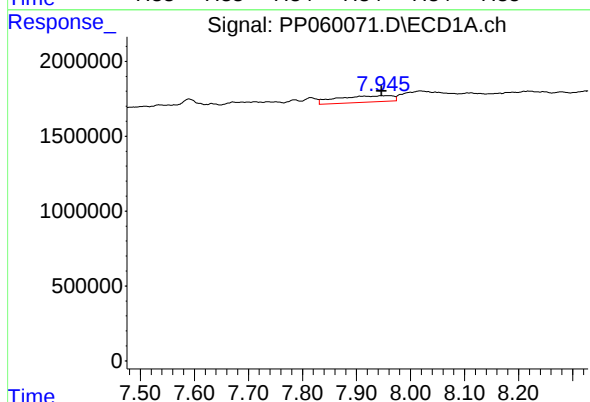
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



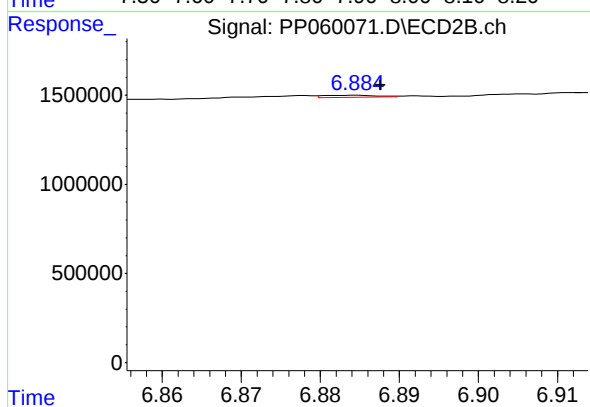
#35 AR-1260-5

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 166552
Conc: 0.87 ng/ml



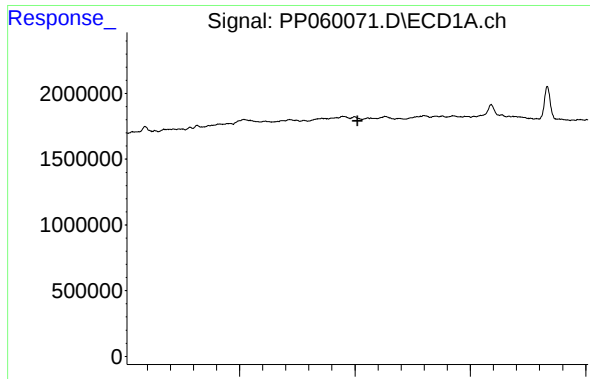
#36 AR-1262-1

R.T.: 7.946 min
Delta R.T.: -0.001 min
Response: 3143424
Conc: 27.16 ng/ml



#36 AR-1262-1

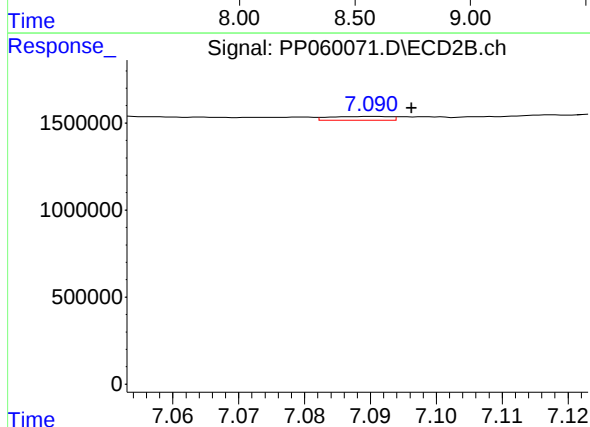
R.T.: 6.885 min
Delta R.T.: -0.003 min
Response: 53029
Conc: 1.05 ng/ml



#37 AR-1262-2

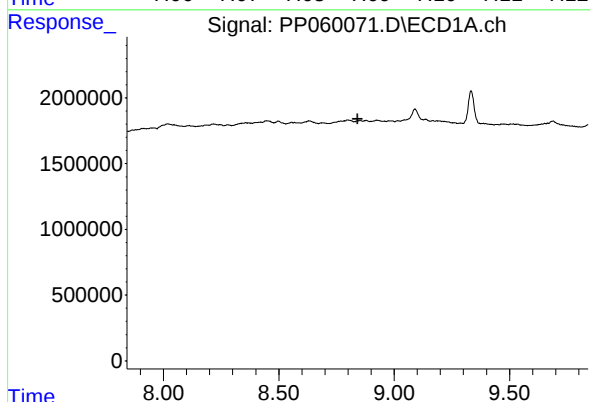
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



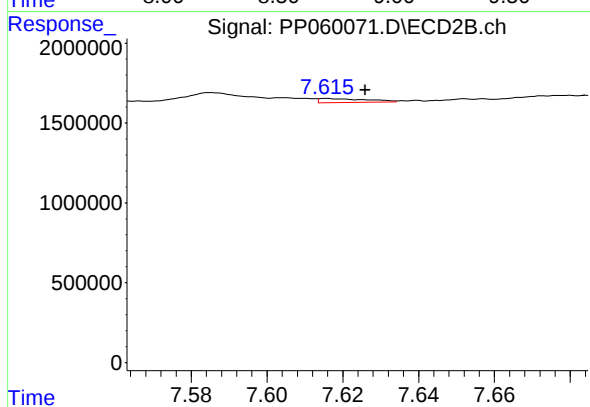
#37 AR-1262-2

R.T.: 7.090 min
Delta R.T.: -0.006 min
Response: 138588
Conc: 1.23 ng/ml



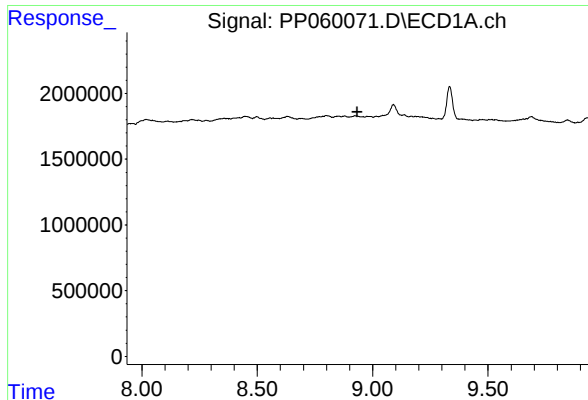
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.841 min
Response: 0
Conc: N.D.



#38 AR-1262-3

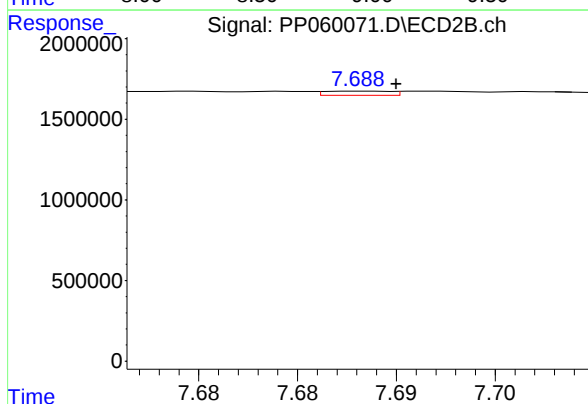
R.T.: 7.616 min
Delta R.T.: -0.010 min
Response: 215786
Conc: 2.46 ng/ml



#39 AR-1262-4

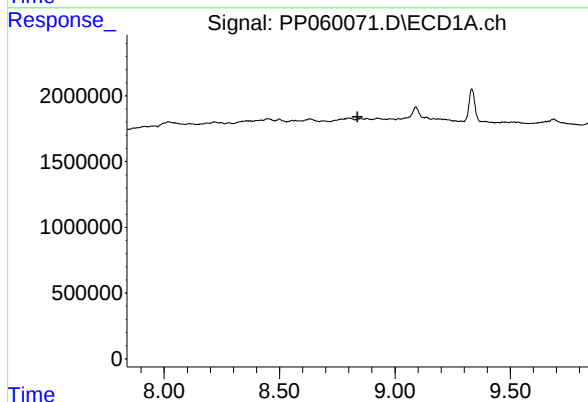
R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



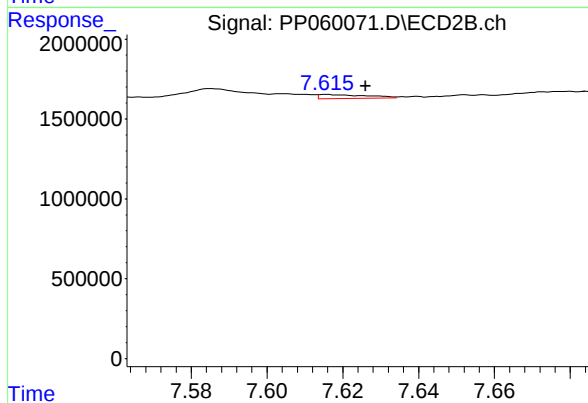
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 60144
Conc: 0.37 ng/ml



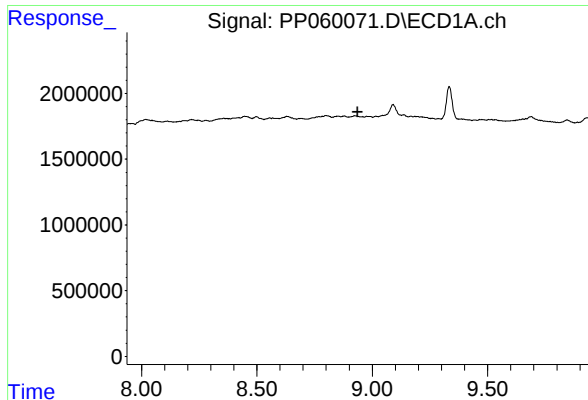
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.



#41 AR-1268-1

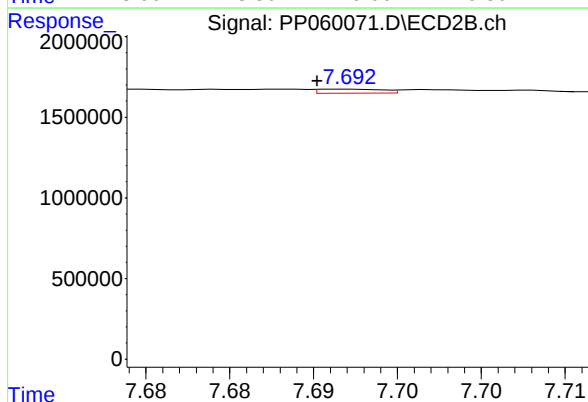
R.T.: 7.616 min
Delta R.T.: -0.010 min
Response: 215786
Conc: 0.83 ng/ml



#42 AR-1268-2

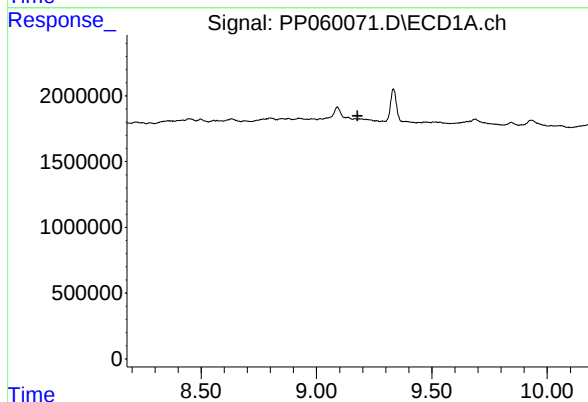
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



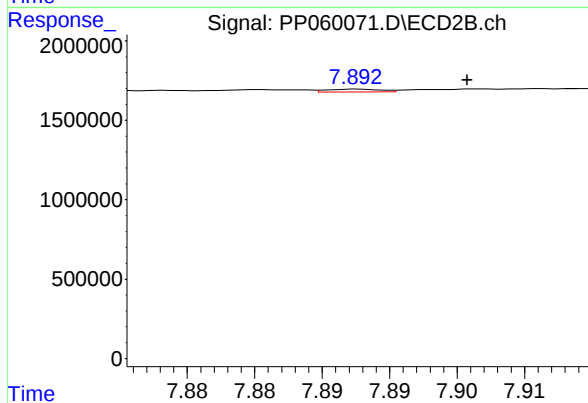
#42 AR-1268-2

R.T.: 7.692 min
Delta R.T.: 0.002 min
Response: 66473
Conc: 0.29 ng/ml



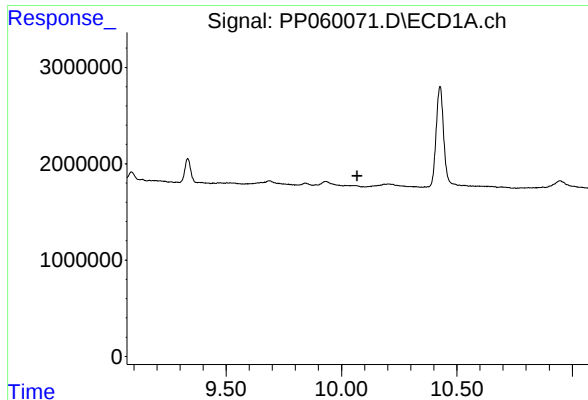
#43 AR-1268-3

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



#43 AR-1268-3

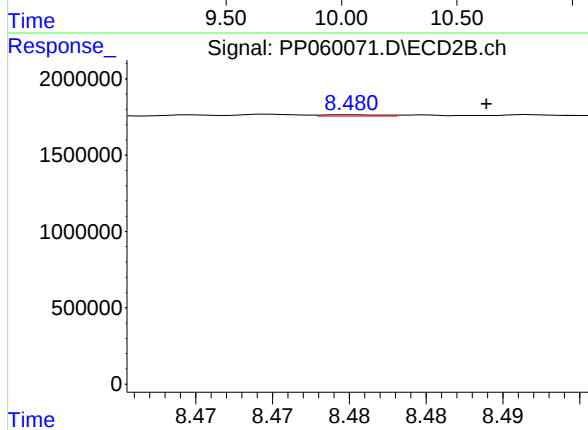
R.T.: 7.893 min
Delta R.T.: -0.008 min
Response: 49957
Conc: 0.24 ng/ml



#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.: 8.480 min
Delta R.T.: -0.008 min
Response: 23734
Conc: 0.04 ng/ml