

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
 Data File : P0097191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 14:00
 Operator : YP/AJ
 Sample : 04042-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-376

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:17:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.411	3.615	67221844	25741015	20.308	19.445
2) SA Decachlor...	10.350	8.631	45467447	22354976	20.779	19.323
Target Compounds						
3) L1 AR-1016-1	5.594	0.000	307539	0	3.265	N.D. #
4) L1 AR-1016-2	5.628	0.000	446832	0	3.340	N.D. #
5) L1 AR-1016-3	5.701	4.895	364501	345676	4.189	10.581 #
6) L1 AR-1016-4	5.786	4.895f	92293	345676	1.374	12.092 #
7) L1 AR-1016-5	6.071	5.140	710500	492579	10.177	12.812 #
8) L2 AR-1221-1	4.622	0.000	6822715	0	167.408	N.D. #
9) L2 AR-1221-2	4.721	3.940	1158742	3202348	38.142	247.846 #
10) L2 AR-1221-3	4.792	3.940f	209083	3202348	2.389	80.676 #
11) L3 AR-1232-1	4.792	3.940f	209083	3202348	2.867	99.000 #
12) L3 AR-1232-2	5.338	0.000	6405931	0	161.579	N.D. #
13) L3 AR-1232-3	5.628	4.895	446832	345676	7.304	22.799 #
14) L3 AR-1232-4	5.786	4.997	92293	947781	3.025	63.419 #
15) L3 AR-1232-5	5.884	5.140	493447	492579	17.634	30.133 #
16) L4 AR-1242-1	5.594	0.000	307539	0	3.669	N.D. #
17) L4 AR-1242-2	5.628	0.000	446832	0	3.794	N.D. #
18) L4 AR-1242-3	5.701	4.895	364501	345676	4.934	11.691 #
19) L4 AR-1242-4	5.786	4.997	92293	947781	1.550	30.075 #
20) L4 AR-1242-5	6.529	5.512	203010	2106322	3.690	57.809 #
21) L5 AR-1248-1	5.594	0.000	307539	0	5.249	N.D. #
22) L5 AR-1248-2	5.884	4.997f	493447	947781	5.248	22.363 #
23) L5 AR-1248-3	6.071	4.997	710500	947781	7.264	21.607 #
24) L5 AR-1248-4	6.466	5.140	572585	492579	6.303	9.649 #
25) L5 AR-1248-5	6.529	5.570	203010	2805647	2.305	60.011 #
26) L6 AR-1254-1	6.466	5.512	572585	2106322	5.239	28.542 #
27) L6 AR-1254-2	6.691	5.651	4879251	1450841	30.263	22.022 #
28) L6 AR-1254-3	7.076	6.071	4443177	1895685	28.355	18.758 #
29) L6 AR-1254-4	7.364	6.269	3065916	2095811	30.410	36.213
30) L6 AR-1254-5	7.770	6.702	338125	1133536	3.013	12.894 #
31) L7 AR-1260-1	7.241	6.187	3871760	2678301	30.805	38.061
32) L7 AR-1260-2	7.495	6.364	1715005	1559655	12.729	18.687 #
33) L7 AR-1260-3	7.882	6.526	925060	495680	8.914	6.419 #
34) L7 AR-1260-4	8.086	6.998	1549678	395872	13.861	6.178 #
35) L7 AR-1260-5	8.445	7.245	949723	558310	4.523	4.027
36) L8 AR-1262-1	7.882	6.841f	925060	929862	6.228	23.619 #
37) L8 AR-1262-2	8.445	6.998	949723	395872	4.103	4.881
38) L8 AR-1262-3	8.791	7.530	803917	521313	4.820	8.124 #
39) L8 AR-1262-4	8.871	7.598	302370	982250	4.147	8.647 #
40) L8 AR-1262-5	9.545	8.058f	181752	95533	2.182	1.819
41) L9 AR-1268-1	8.791f	7.530	803917	521313	2.615	2.814

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
Data File : P0097191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Aug 2023 14:00
Operator : YP/AJ
Sample : 04042-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-376

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:17:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 08 04:34:41 2023
Response via : Initial Calibration
Integrator: ChemStation

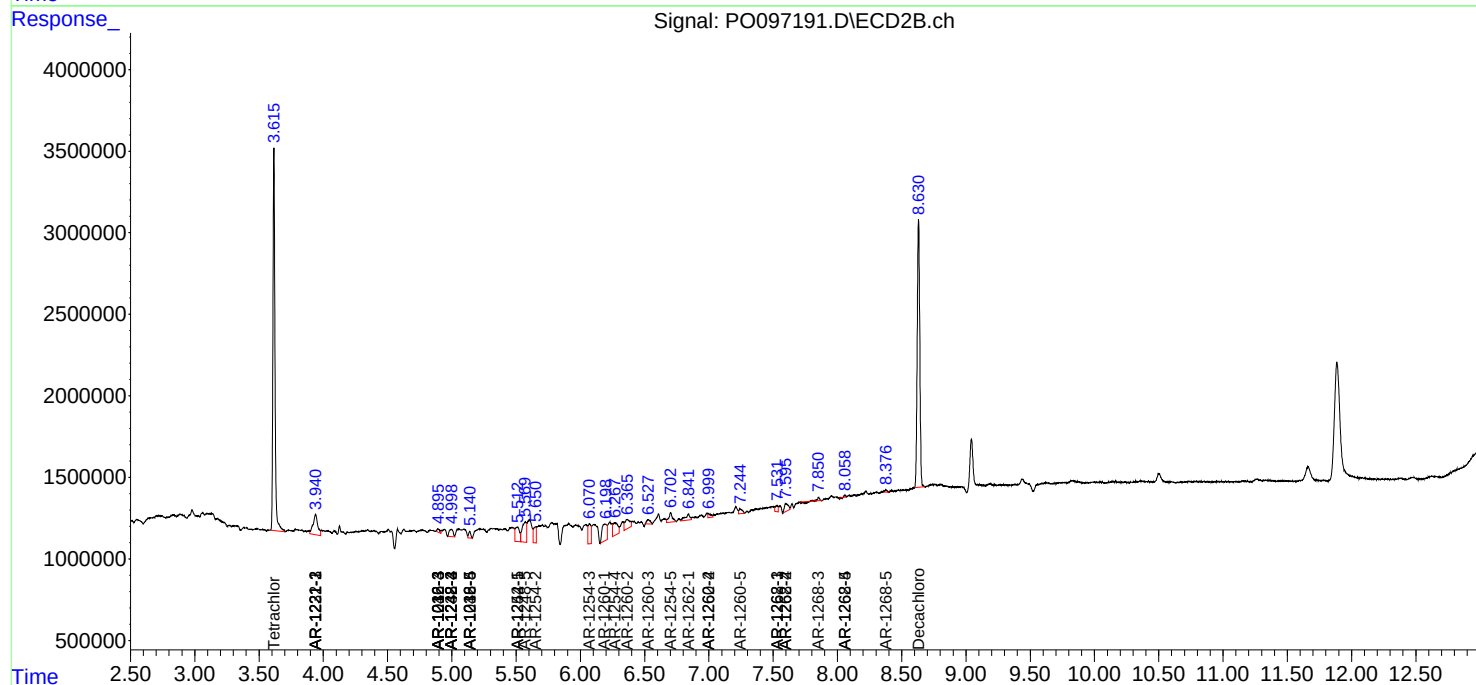
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

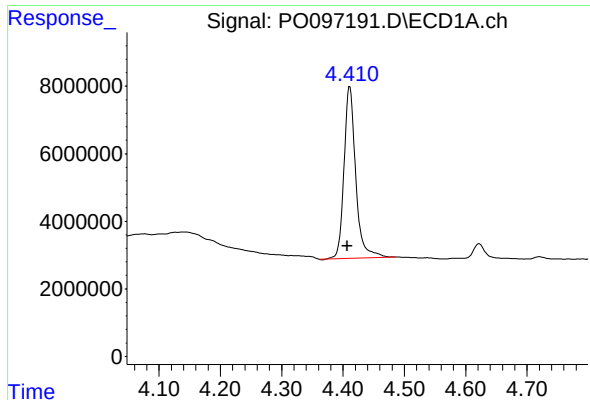
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.871	7.598	302370	982250	1.103	5.858 #
43)	L9 AR-1268-3	9.103	7.853f	283311	83748	1.109	0.580 #
44)	L9 AR-1268-4	9.545	8.058f	181752	95533	1.960	1.604
45)	L9 AR-1268-5	9.987	8.377	131950	163992	0.163	0.394 #

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

Instrument :
ECD_O
ClientSampleId :
TP-376

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

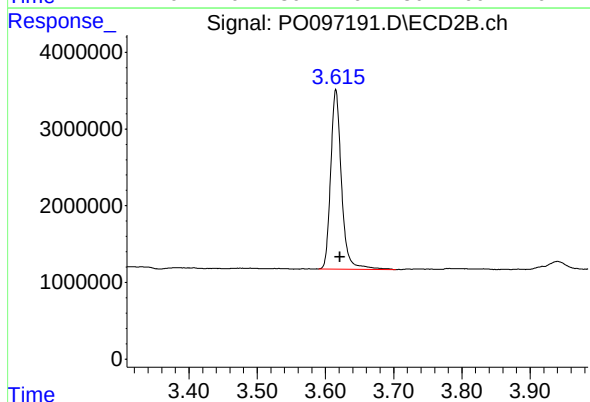




#1 Tetrachloro-m-xylene

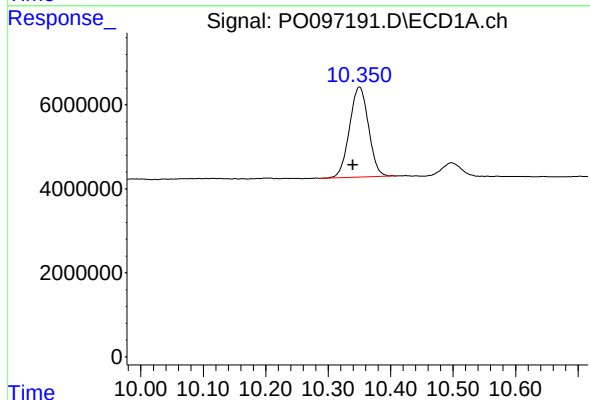
R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 67221844
Conc: 20.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



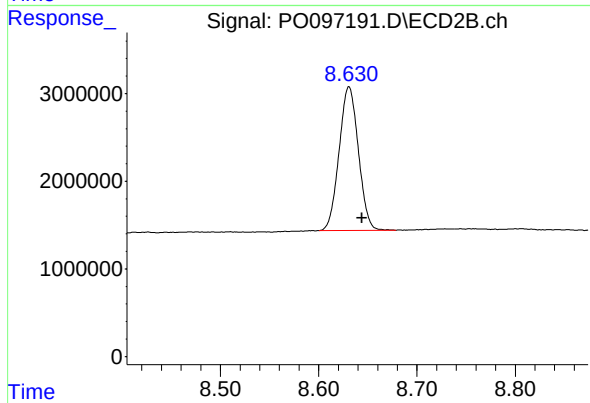
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 25741015
Conc: 19.44 ng/ml



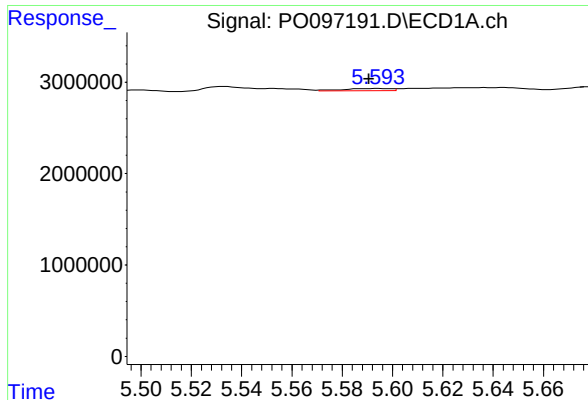
#2 Decachlorobiphenyl

R.T.: 10.350 min
Delta R.T.: 0.011 min
Response: 45467447
Conc: 20.78 ng/ml



#2 Decachlorobiphenyl

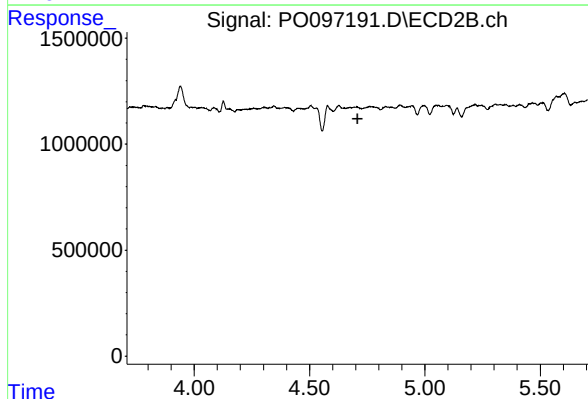
R.T.: 8.631 min
Delta R.T.: -0.013 min
Response: 22354976
Conc: 19.32 ng/ml



#3 AR-1016-1

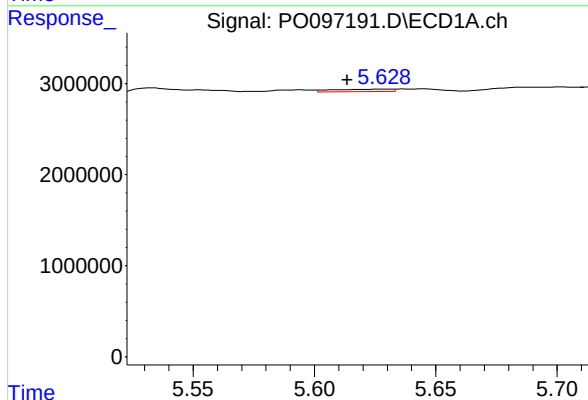
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 307539
Conc: 3.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



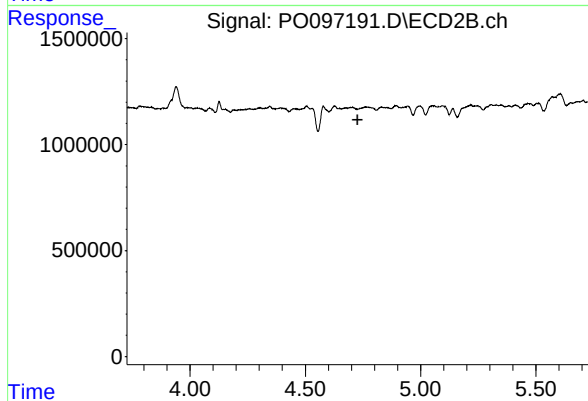
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



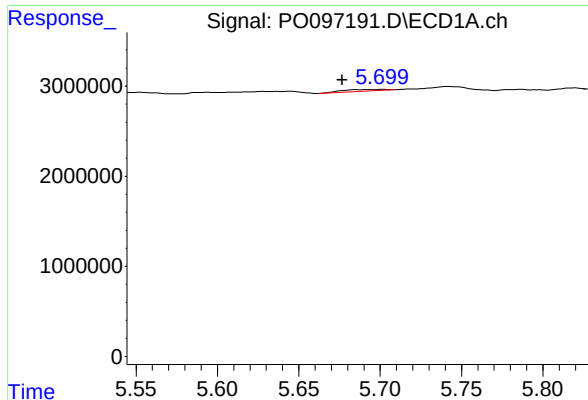
#4 AR-1016-2

R.T.: 5.628 min
Delta R.T.: 0.015 min
Response: 446832
Conc: 3.34 ng/ml



#4 AR-1016-2

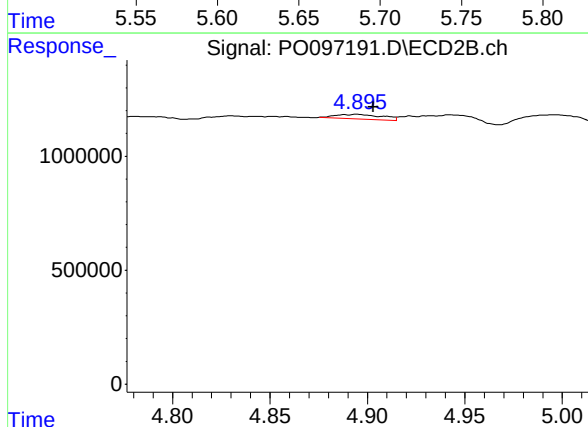
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

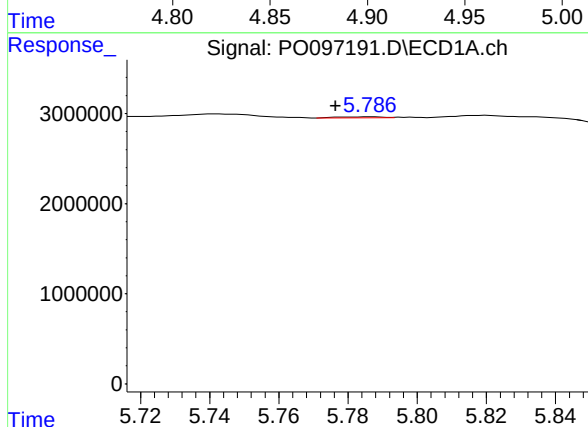
R.T.: 5.701 min
Delta R.T.: 0.024 min
Response: 364501
Conc: 4.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



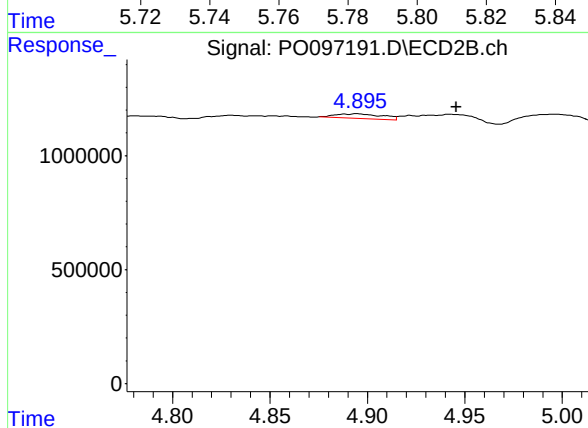
#5 AR-1016-3

R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 345676
Conc: 10.58 ng/ml



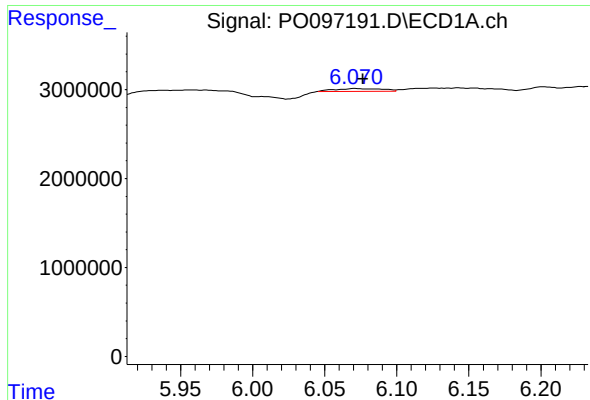
#6 AR-1016-4

R.T.: 5.786 min
Delta R.T.: 0.010 min
Response: 92293
Conc: 1.37 ng/ml



#6 AR-1016-4

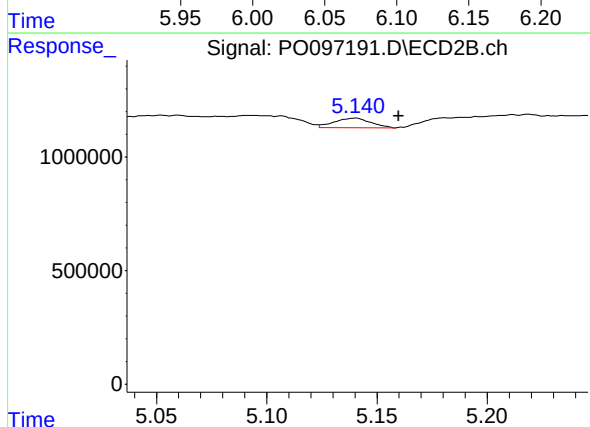
R.T.: 4.895 min
Delta R.T.: -0.051 min
Response: 345676
Conc: 12.09 ng/ml



#7 AR-1016-5

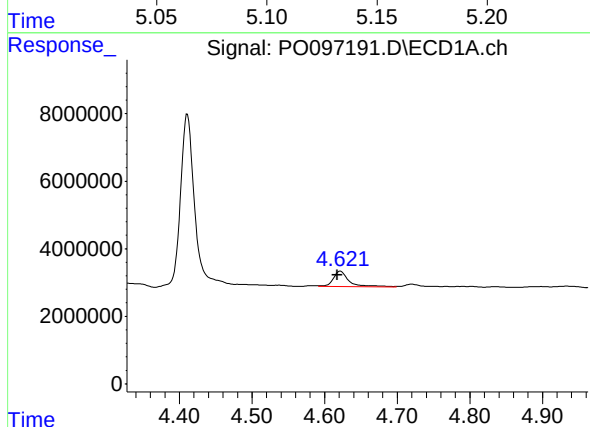
R.T.: 6.071 min
Delta R.T.: -0.006 min
Response: 710500
Conc: 10.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



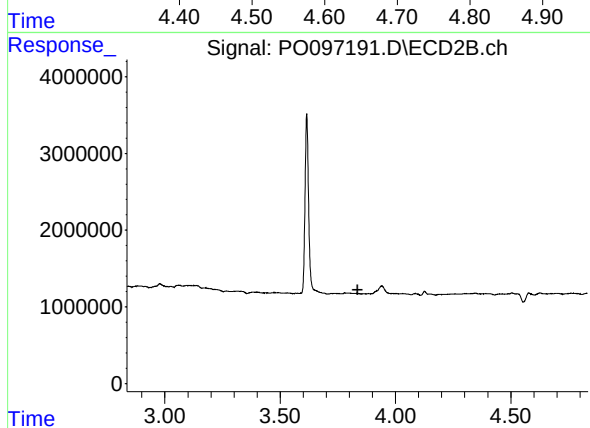
#7 AR-1016-5

R.T.: 5.140 min
Delta R.T.: -0.020 min
Response: 492579
Conc: 12.81 ng/ml



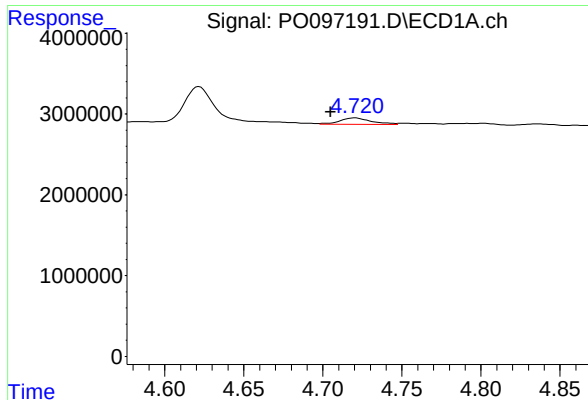
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: 0.004 min
Response: 6822715
Conc: 167.41 ng/ml



#8 AR-1221-1

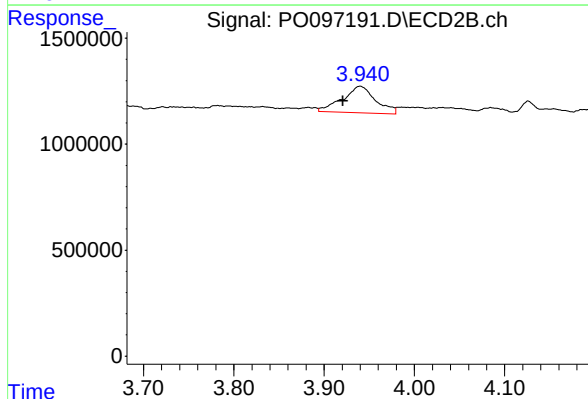
R.T.: 0.000 min
Exp R.T.: 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

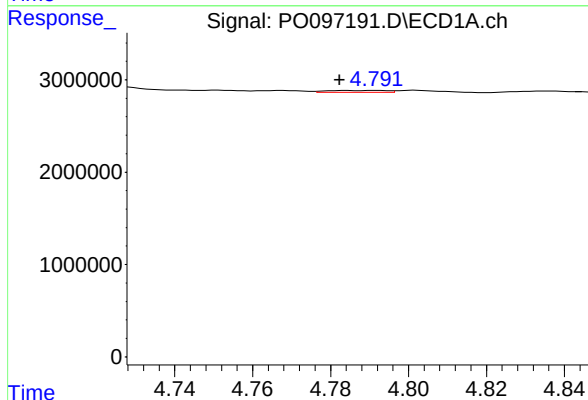
R.T.: 4.721 min
Delta R.T.: 0.016 min
Response: 1158742
Conc: 38.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



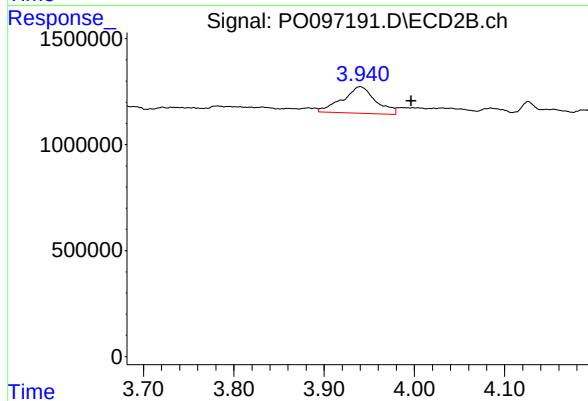
#9 AR-1221-2

R.T.: 3.940 min
Delta R.T.: 0.019 min
Response: 3202348
Conc: 247.85 ng/ml



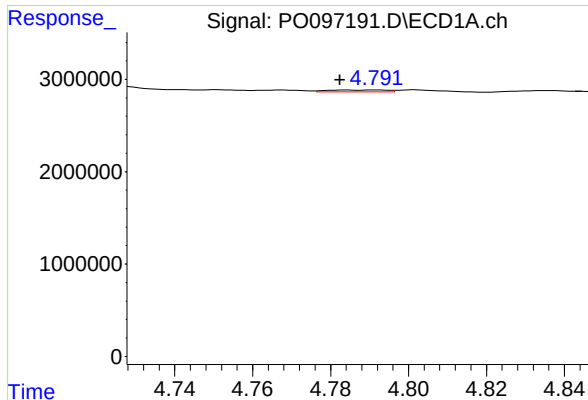
#10 AR-1221-3

R.T.: 4.792 min
Delta R.T.: 0.009 min
Response: 209083
Conc: 2.39 ng/ml



#10 AR-1221-3

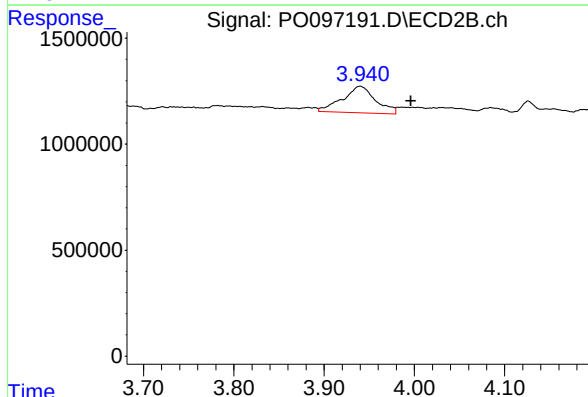
R.T.: 3.940 min
Delta R.T.: -0.057 min
Response: 3202348
Conc: 80.68 ng/ml



#11 AR-1232-1

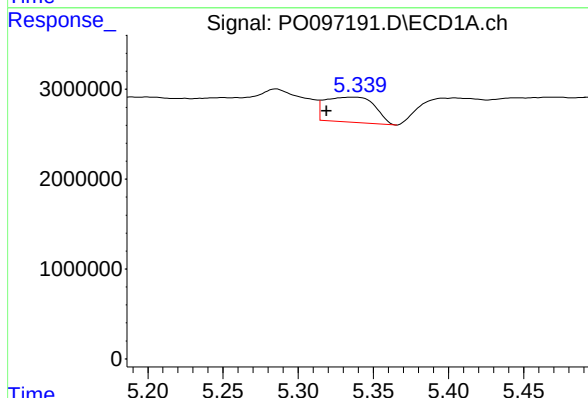
R.T.: 4.792 min
Delta R.T.: 0.009 min
Response: 209083
Conc: 2.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



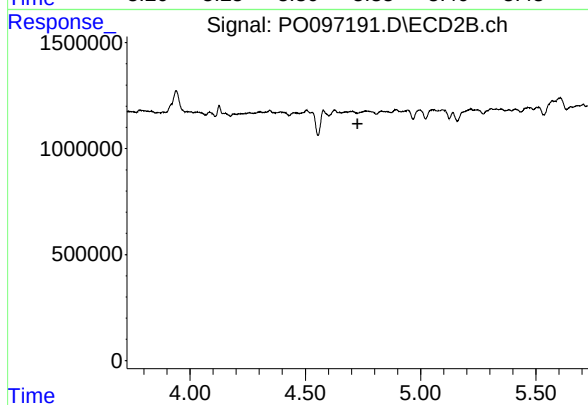
#11 AR-1232-1

R.T.: 3.940 min
Delta R.T.: -0.056 min
Response: 3202348
Conc: 99.00 ng/ml



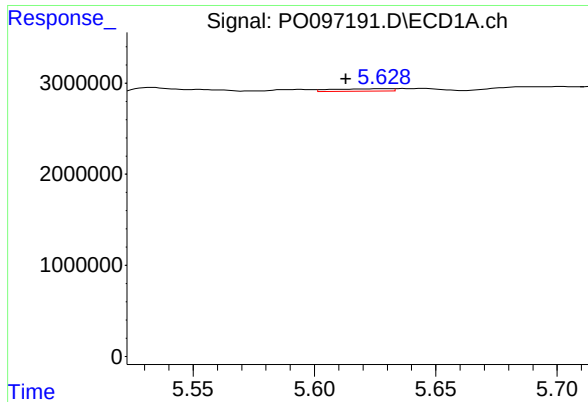
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: 0.019 min
Response: 6405931
Conc: 161.58 ng/ml



#12 AR-1232-2

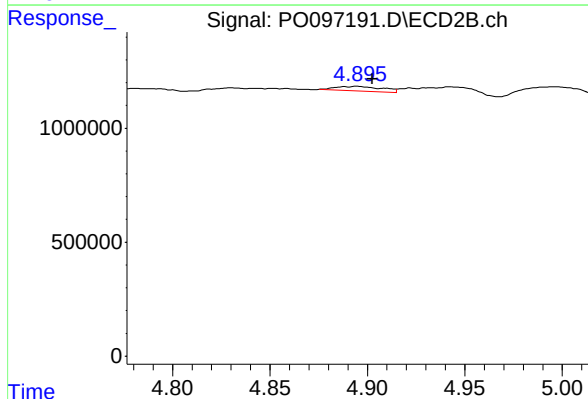
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

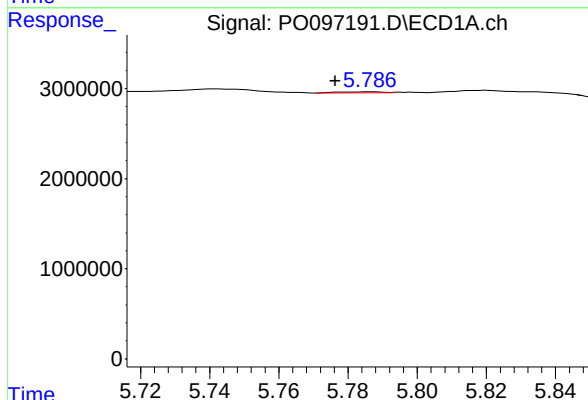
R.T.: 5.628 min
Delta R.T.: 0.015 min
Response: 446832
Conc: 7.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



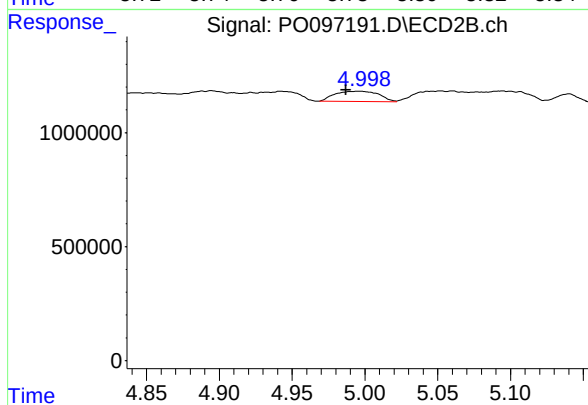
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 345676
Conc: 22.80 ng/ml



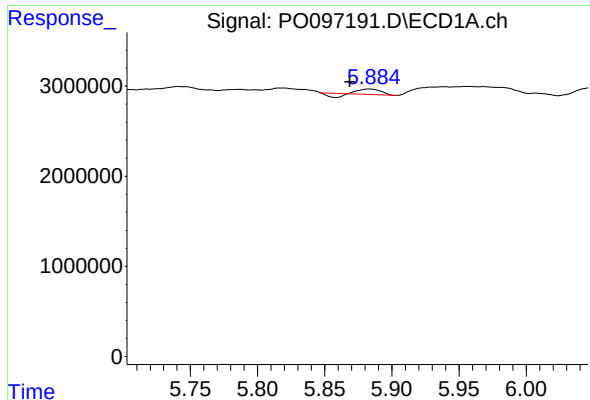
#14 AR-1232-4

R.T.: 5.786 min
Delta R.T.: 0.010 min
Response: 92293
Conc: 3.02 ng/ml



#14 AR-1232-4

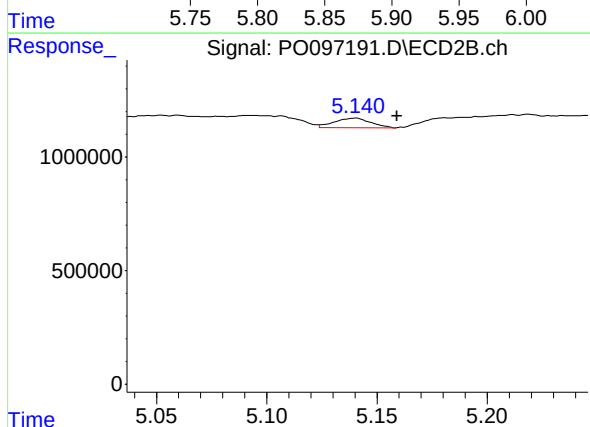
R.T.: 4.997 min
Delta R.T.: 0.010 min
Response: 947781
Conc: 63.42 ng/ml



#15 AR-1232-5

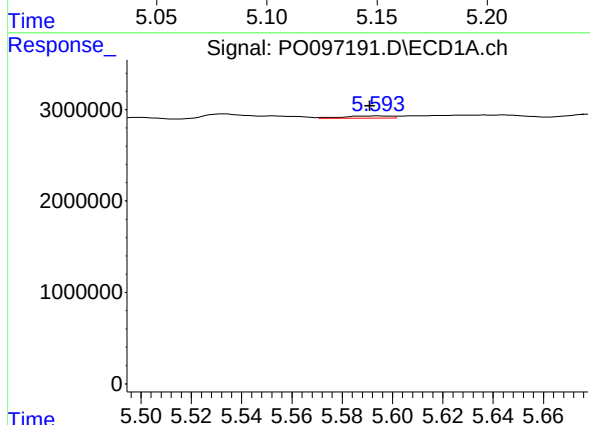
R.T.: 5.884 min
Delta R.T.: 0.015 min
Response: 493447
Conc: 17.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



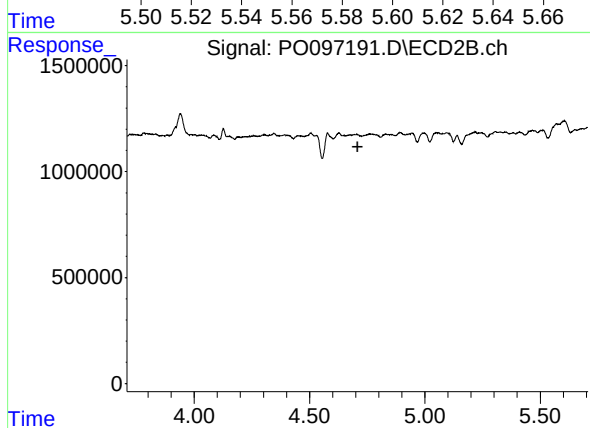
#15 AR-1232-5

R.T.: 5.140 min
Delta R.T.: -0.019 min
Response: 492579
Conc: 30.13 ng/ml



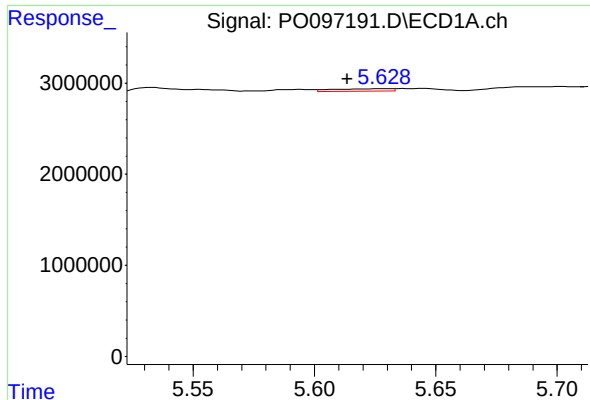
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 307539
Conc: 3.67 ng/ml



#16 AR-1242-1

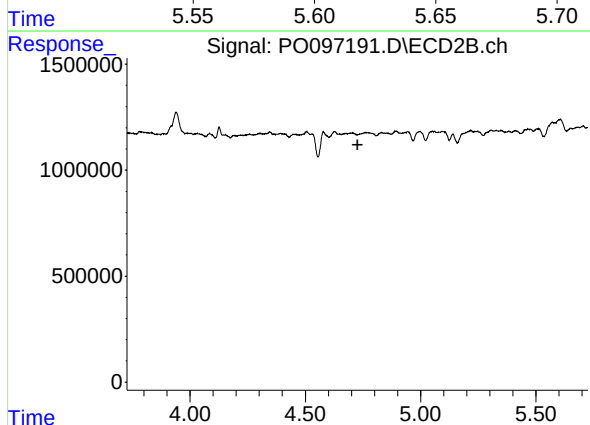
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

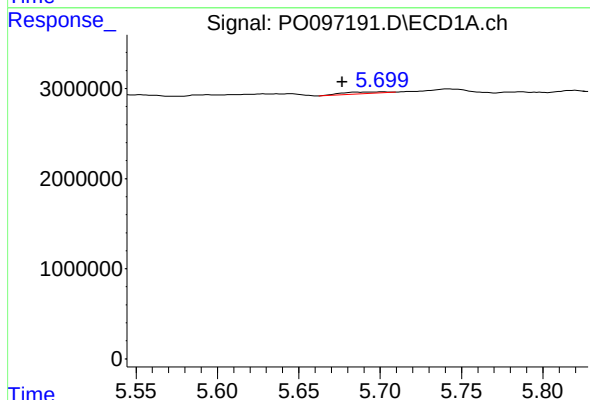
R.T.: 5.628 min
Delta R.T.: 0.015 min
Response: 446832
Conc: 3.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



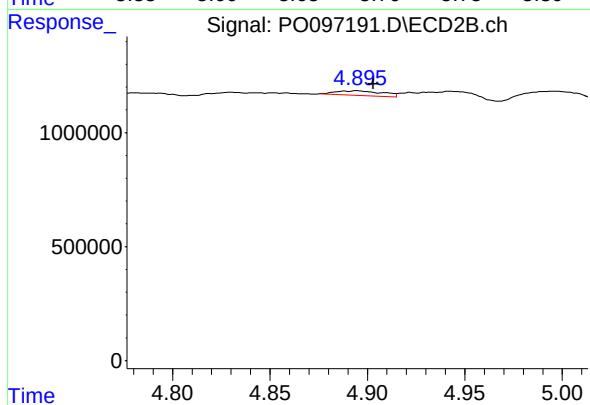
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 4.727 min
Response: 0
Conc: N.D.



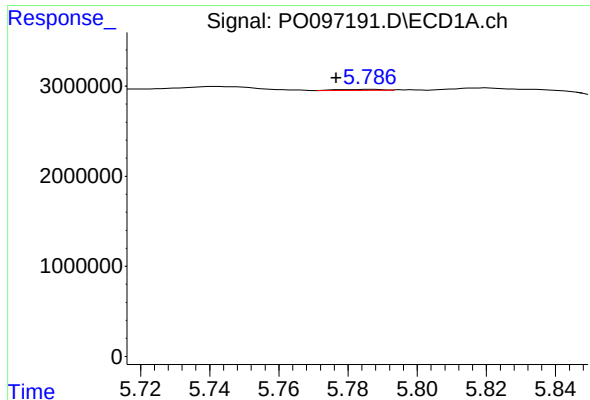
#18 AR-1242-3

R.T.: 5.701 min
Delta R.T.: 0.024 min
Response: 364501
Conc: 4.93 ng/ml



#18 AR-1242-3

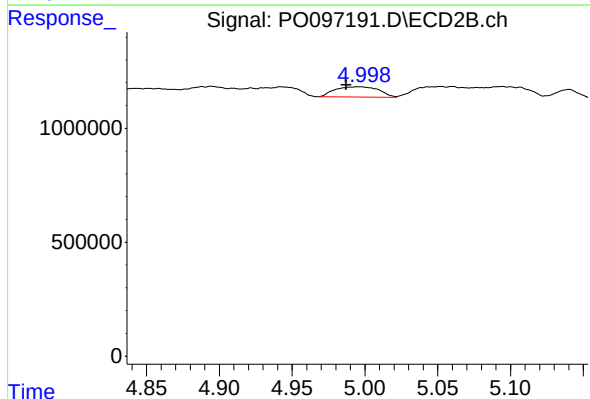
R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 345676
Conc: 11.69 ng/ml



#19 AR-1242-4

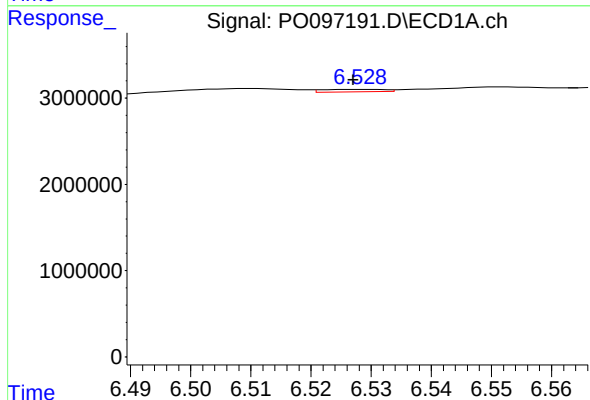
R.T.: 5.786 min
Delta R.T.: 0.010 min
Response: 92293
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



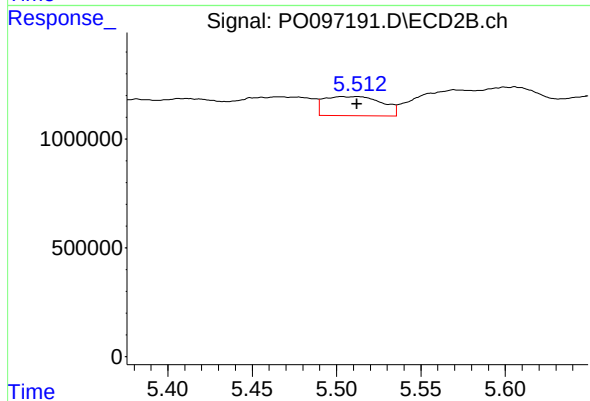
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: 0.010 min
Response: 947781
Conc: 30.08 ng/ml



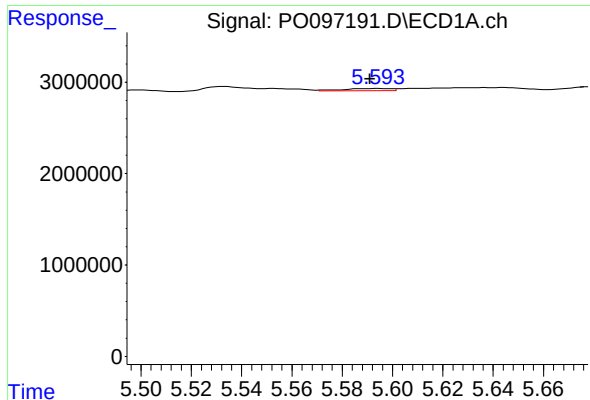
#20 AR-1242-5

R.T.: 6.529 min
Delta R.T.: 0.002 min
Response: 203010
Conc: 3.69 ng/ml



#20 AR-1242-5

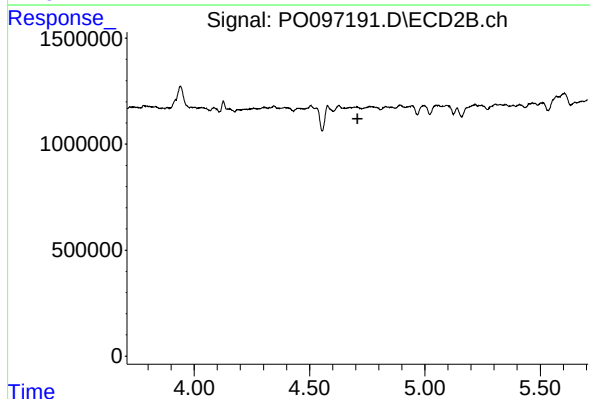
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 2106322
Conc: 57.81 ng/ml



#21 AR-1248-1

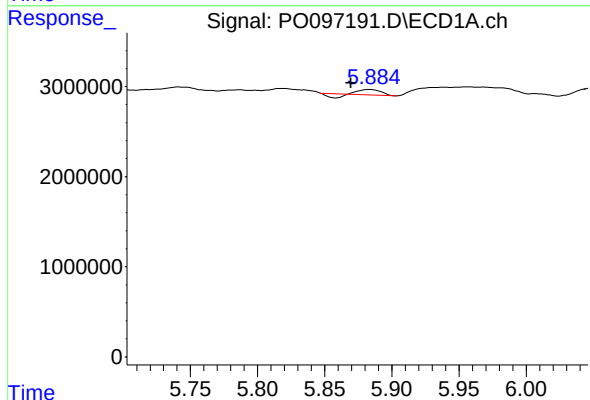
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 307539
Conc: 5.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



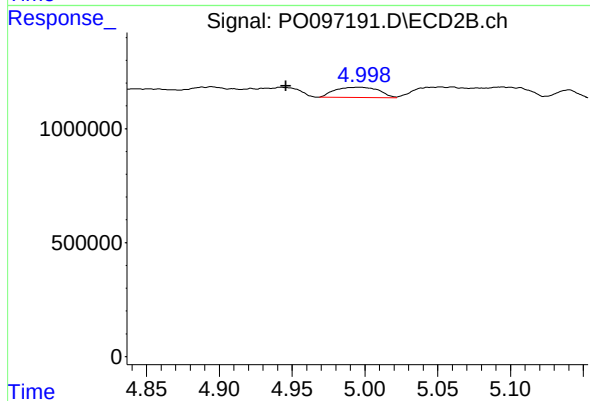
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



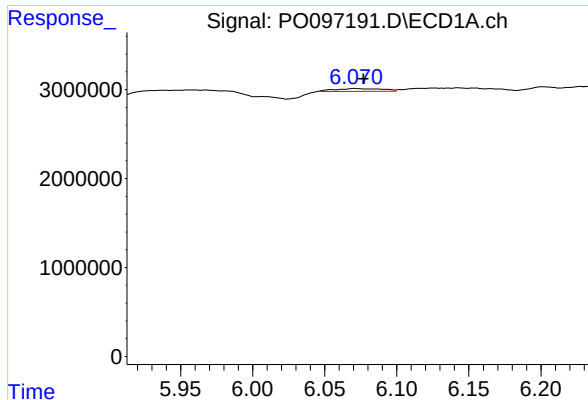
#22 AR-1248-2

R.T.: 5.884 min
Delta R.T.: 0.014 min
Response: 493447
Conc: 5.25 ng/ml



#22 AR-1248-2

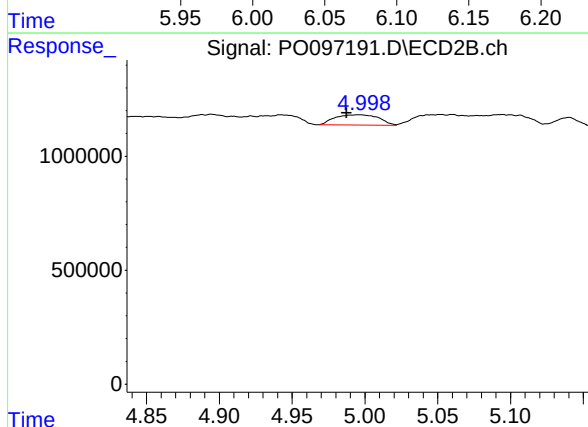
R.T.: 4.997 min
Delta R.T.: 0.051 min
Response: 947781
Conc: 22.36 ng/ml



#23 AR-1248-3

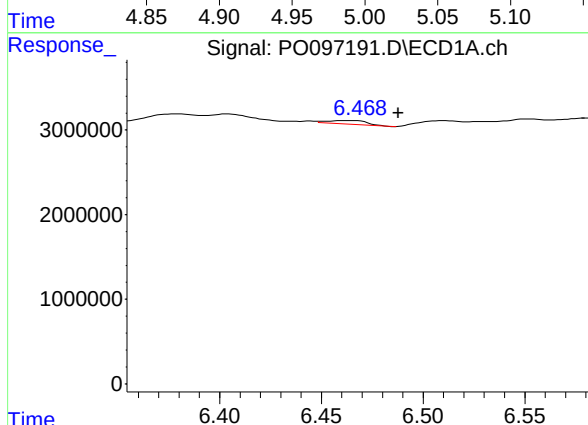
R.T.: 6.071 min
Delta R.T.: -0.006 min
Response: 710500
Conc: 7.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



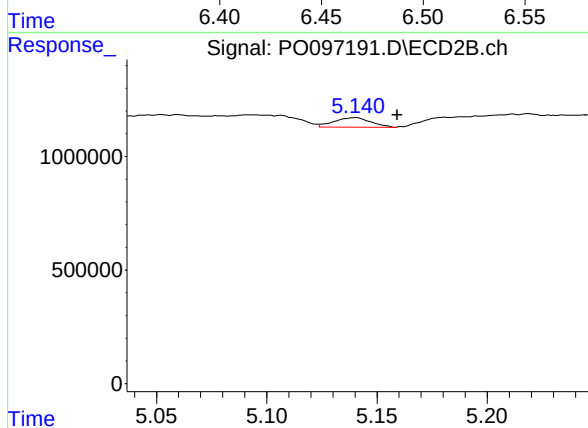
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: 0.010 min
Response: 947781
Conc: 21.61 ng/ml



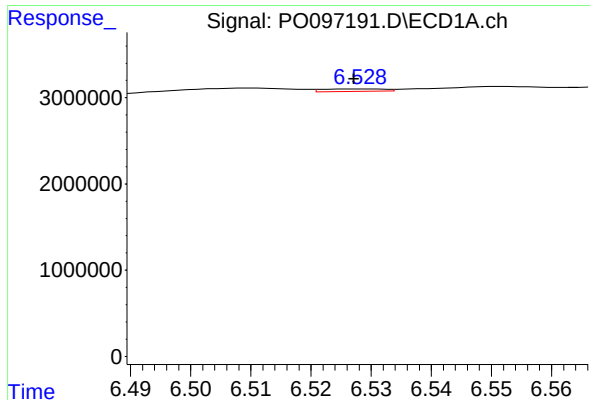
#24 AR-1248-4

R.T.: 6.466 min
Delta R.T.: -0.022 min
Response: 572585
Conc: 6.30 ng/ml



#24 AR-1248-4

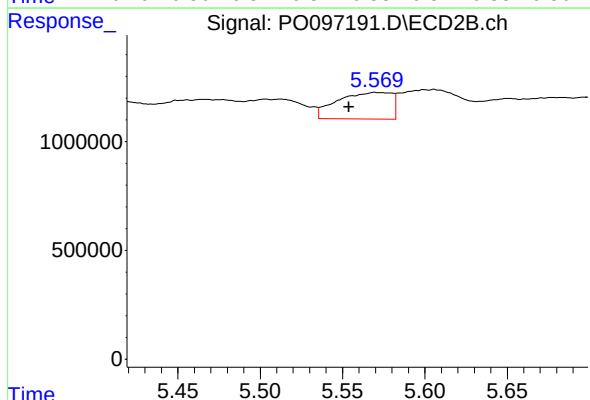
R.T.: 5.140 min
Delta R.T.: -0.019 min
Response: 492579
Conc: 9.65 ng/ml



#25 AR-1248-5

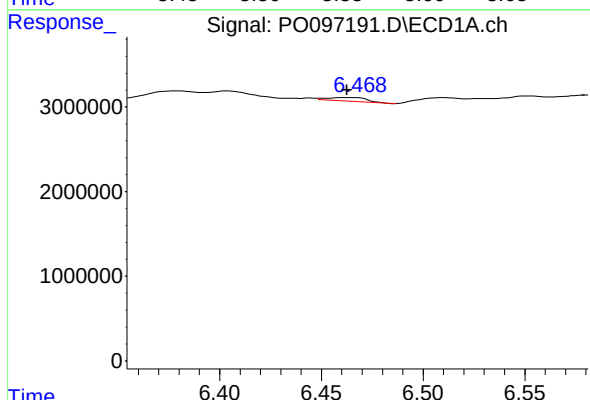
R.T.: 6.529 min
Delta R.T.: 0.001 min
Response: 203010
Conc: 2.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



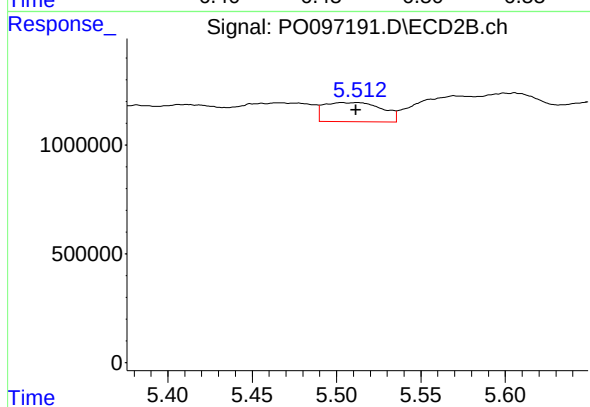
#25 AR-1248-5

R.T.: 5.570 min
Delta R.T.: 0.016 min
Response: 2805647
Conc: 60.01 ng/ml



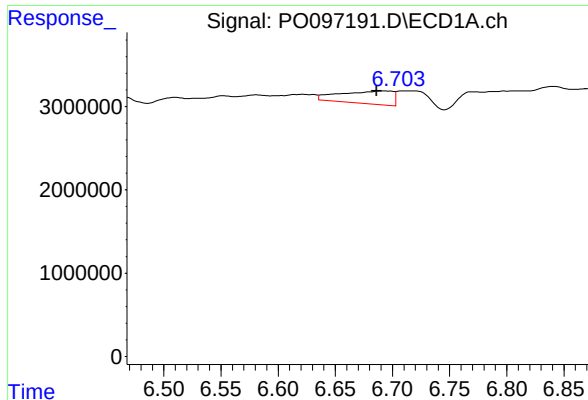
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: 0.003 min
Response: 572585
Conc: 5.24 ng/ml



#26 AR-1254-1

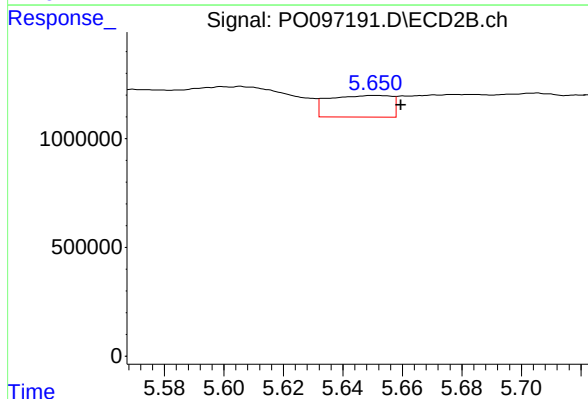
R.T.: 5.512 min
Delta R.T.: 0.001 min
Response: 2106322
Conc: 28.54 ng/ml



#27 AR-1254-2

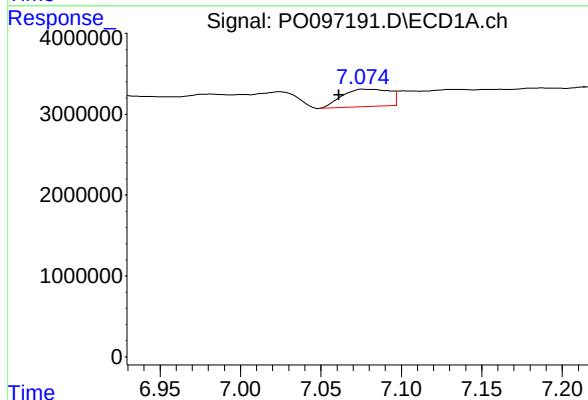
R.T.: 6.691 min
Delta R.T.: 0.005 min
Response: 4879251
Conc: 30.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



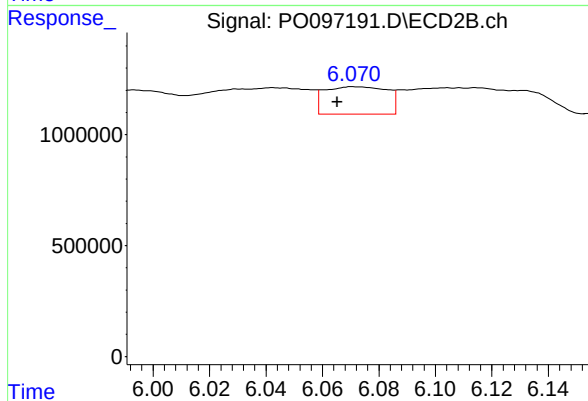
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: -0.009 min
Response: 1450841
Conc: 22.02 ng/ml



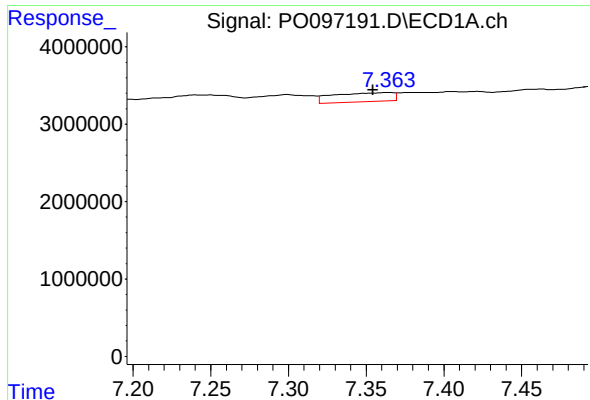
#28 AR-1254-3

R.T.: 7.076 min
Delta R.T.: 0.015 min
Response: 4443177
Conc: 28.36 ng/ml



#28 AR-1254-3

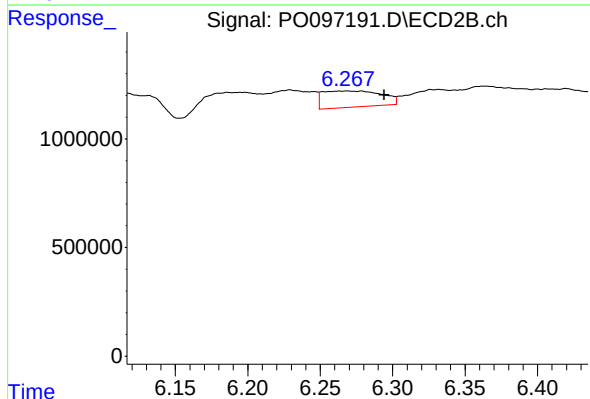
R.T.: 6.071 min
Delta R.T.: 0.006 min
Response: 1895685
Conc: 18.76 ng/ml



#29 AR-1254-4

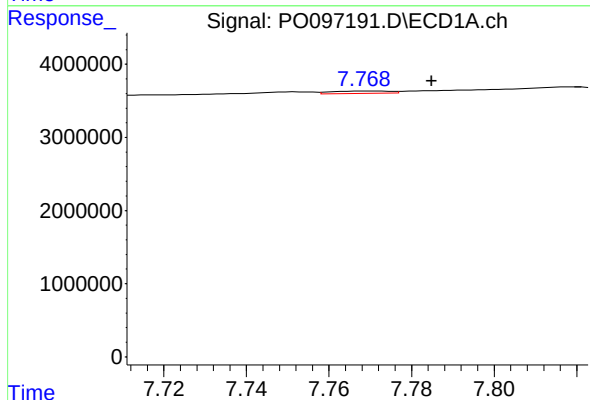
R.T.: 7.364 min
Delta R.T.: 0.010 min
Response: 3065916
Conc: 30.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



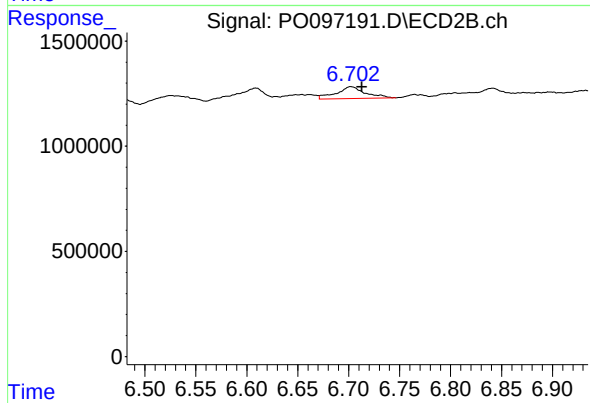
#29 AR-1254-4

R.T.: 6.269 min
Delta R.T.: -0.026 min
Response: 2095811
Conc: 36.21 ng/ml



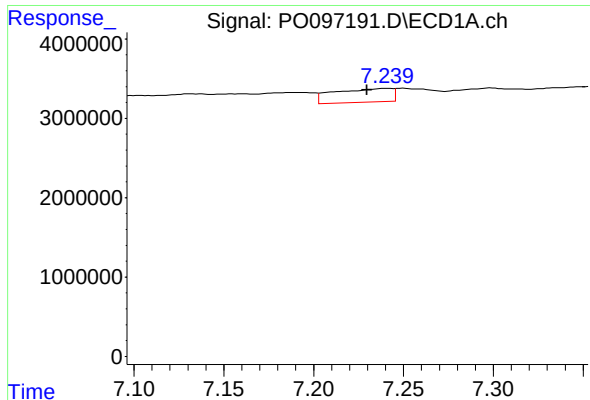
#30 AR-1254-5

R.T.: 7.770 min
Delta R.T.: -0.015 min
Response: 338125
Conc: 3.01 ng/ml



#30 AR-1254-5

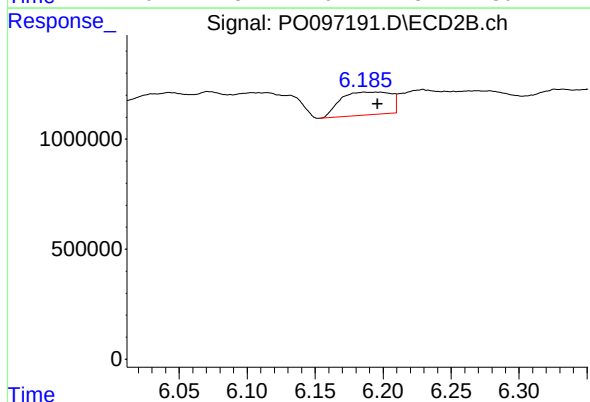
R.T.: 6.702 min
Delta R.T.: -0.011 min
Response: 1133536
Conc: 12.89 ng/ml



#31 AR-1260-1

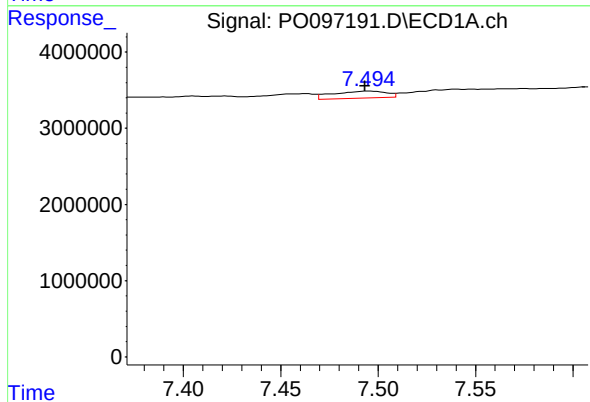
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 3871760
Conc: 30.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



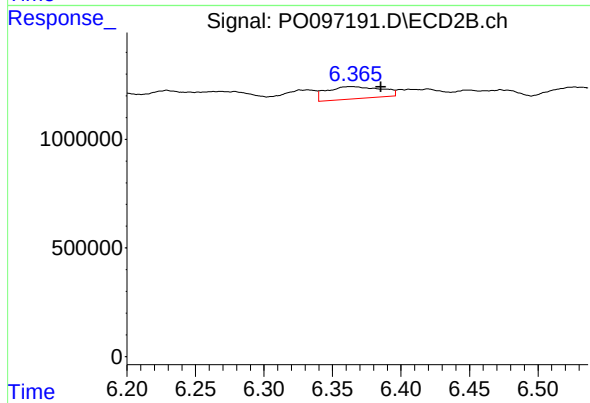
#31 AR-1260-1

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 2678301
Conc: 38.06 ng/ml



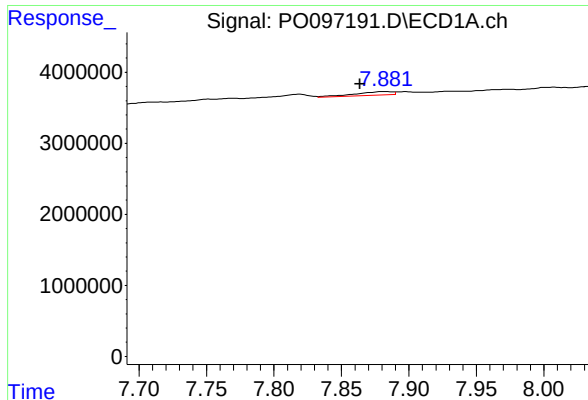
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: 0.002 min
Response: 1715005
Conc: 12.73 ng/ml



#32 AR-1260-2

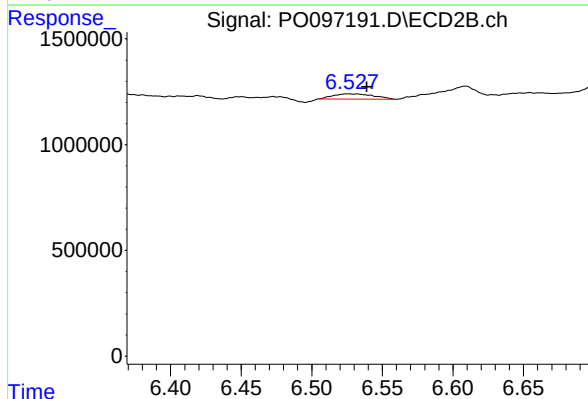
R.T.: 6.364 min
Delta R.T.: -0.021 min
Response: 1559655
Conc: 18.69 ng/ml



#33 AR-1260-3

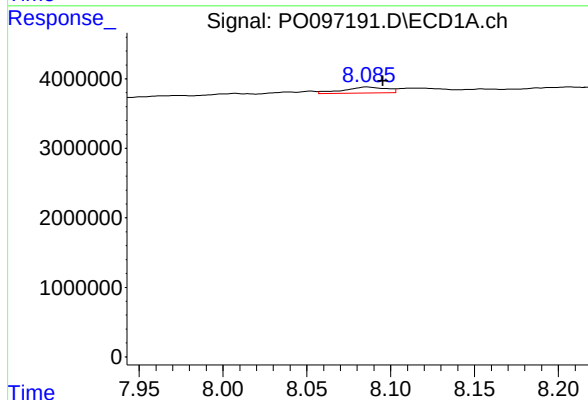
R.T.: 7.882 min
Delta R.T.: 0.018 min
Response: 925060
Conc: 8.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



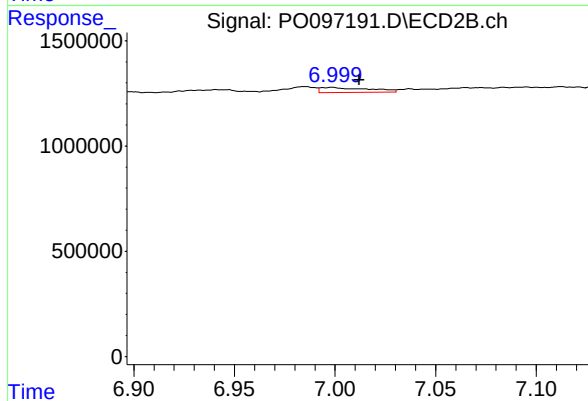
#33 AR-1260-3

R.T.: 6.526 min
Delta R.T.: -0.013 min
Response: 495680
Conc: 6.42 ng/ml



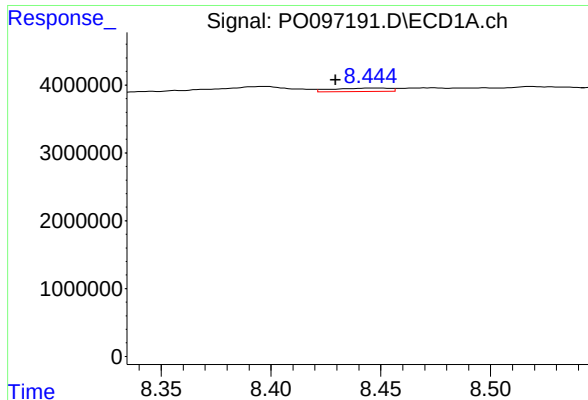
#34 AR-1260-4

R.T.: 8.086 min
Delta R.T.: -0.009 min
Response: 1549678
Conc: 13.86 ng/ml



#34 AR-1260-4

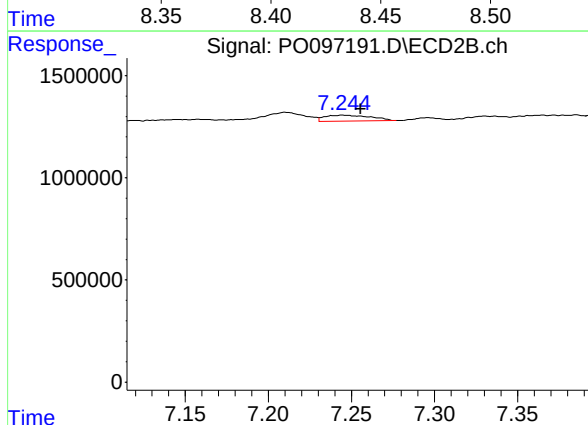
R.T.: 6.998 min
Delta R.T.: -0.014 min
Response: 395872
Conc: 6.18 ng/ml



#35 AR-1260-5

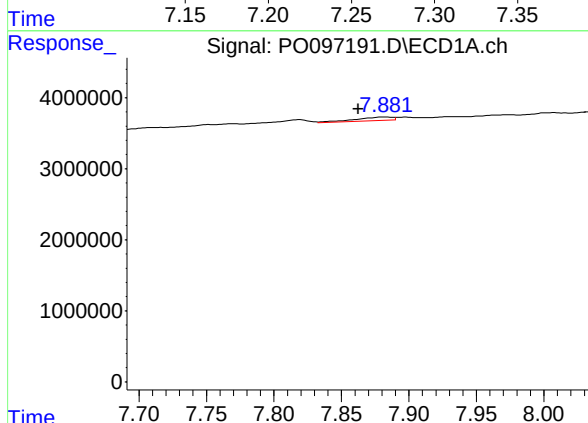
R.T.: 8.445 min
Delta R.T.: 0.016 min
Response: 949723
Conc: 4.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



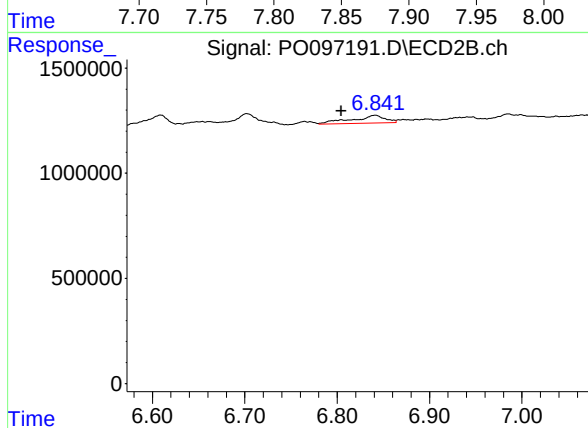
#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.011 min
Response: 558310
Conc: 4.03 ng/ml



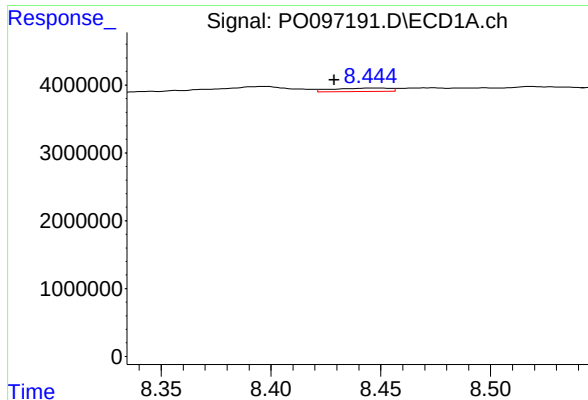
#36 AR-1262-1

R.T.: 7.882 min
Delta R.T.: 0.020 min
Response: 925060
Conc: 6.23 ng/ml



#36 AR-1262-1

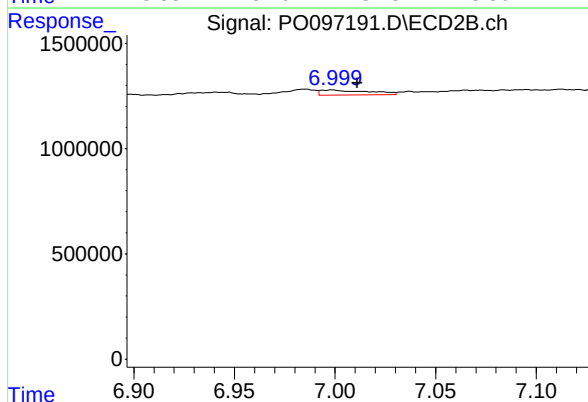
R.T.: 6.841 min
Delta R.T.: 0.037 min
Response: 929862
Conc: 23.62 ng/ml



#37 AR-1262-2

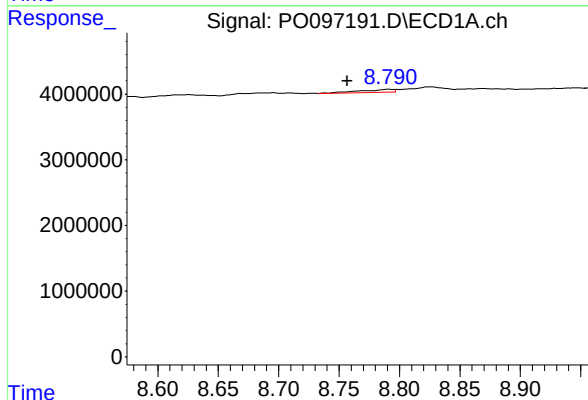
R.T.: 8.445 min
Delta R.T.: 0.016 min
Response: 949723
Conc: 4.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



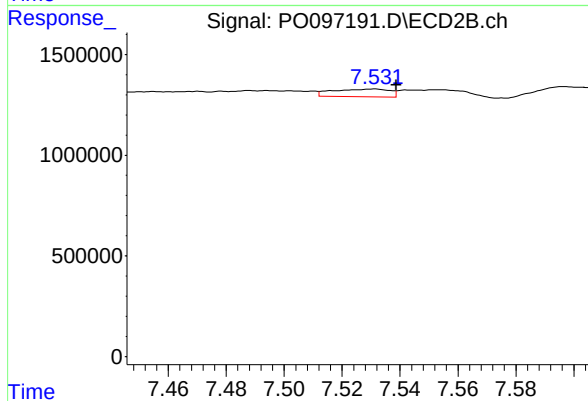
#37 AR-1262-2

R.T.: 6.998 min
Delta R.T.: -0.013 min
Response: 395872
Conc: 4.88 ng/ml



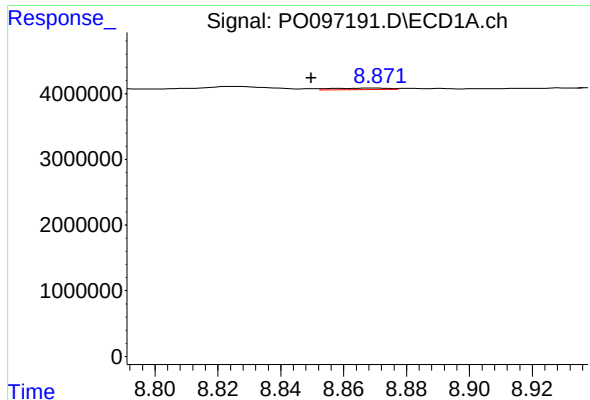
#38 AR-1262-3

R.T.: 8.791 min
Delta R.T.: 0.035 min
Response: 803917
Conc: 4.82 ng/ml



#38 AR-1262-3

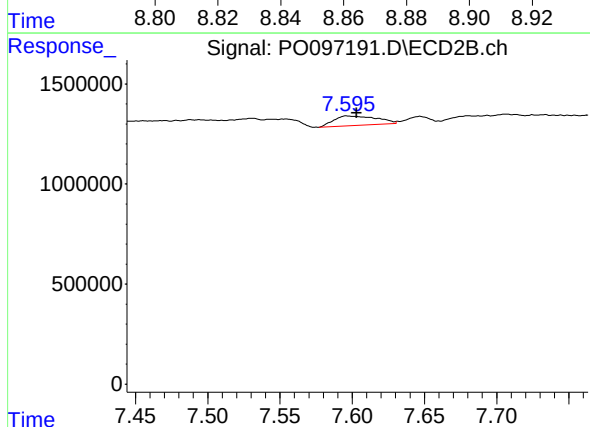
R.T.: 7.530 min
Delta R.T.: -0.009 min
Response: 521313
Conc: 8.12 ng/ml



#39 AR-1262-4

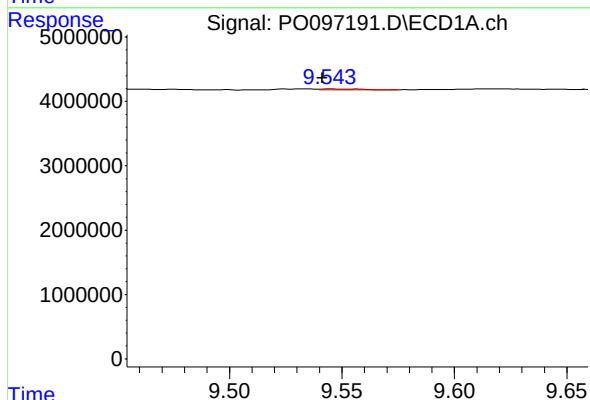
R.T.: 8.871 min
Delta R.T.: 0.021 min
Response: 302370
Conc: 4.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



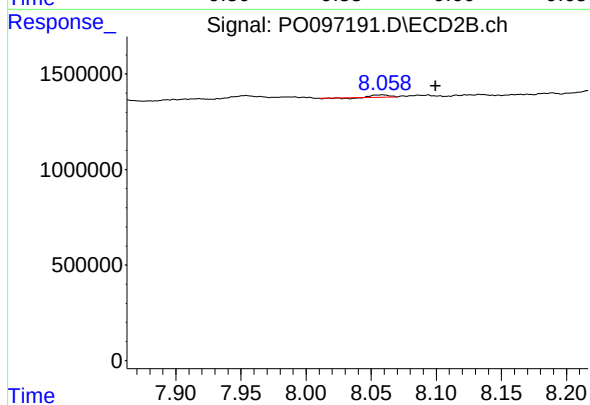
#39 AR-1262-4

R.T.: 7.598 min
Delta R.T.: -0.005 min
Response: 982250
Conc: 8.65 ng/ml



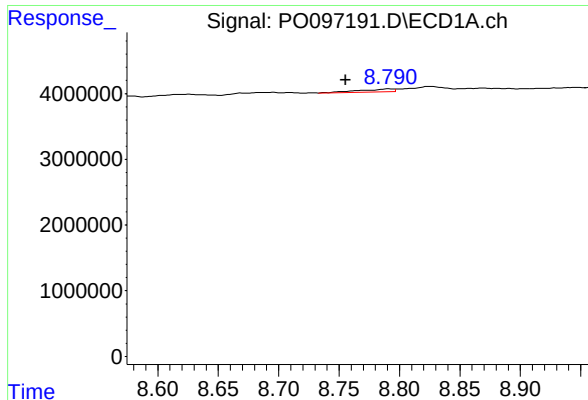
#40 AR-1262-5

R.T.: 9.545 min
Delta R.T.: 0.003 min
Response: 181752
Conc: 2.18 ng/ml



#40 AR-1262-5

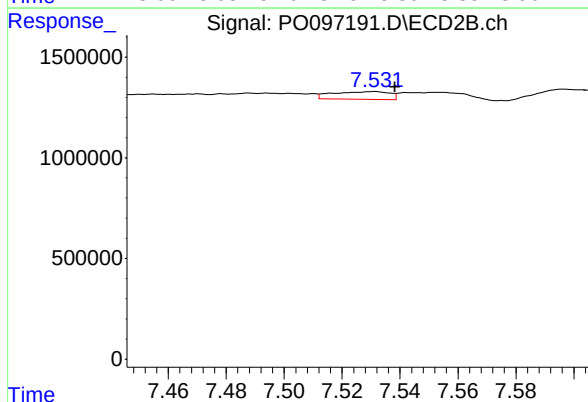
R.T.: 8.058 min
Delta R.T.: -0.042 min
Response: 95533
Conc: 1.82 ng/ml



#41 AR-1268-1

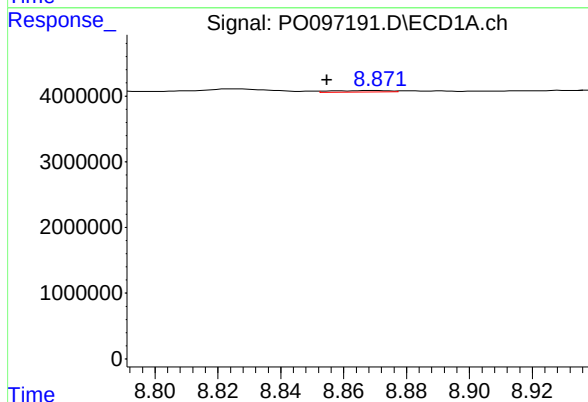
R.T.: 8.791 min
Delta R.T.: 0.036 min
Response: 803917
Conc: 2.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



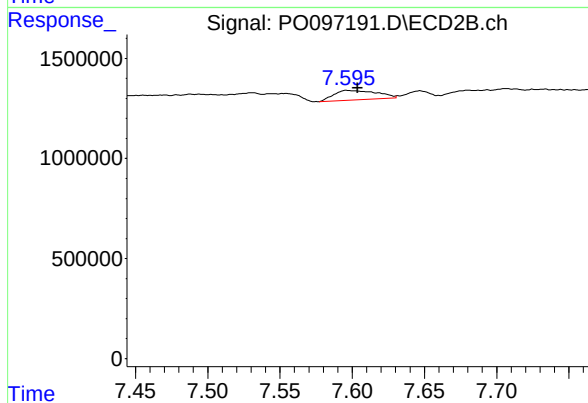
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.008 min
Response: 521313
Conc: 2.81 ng/ml



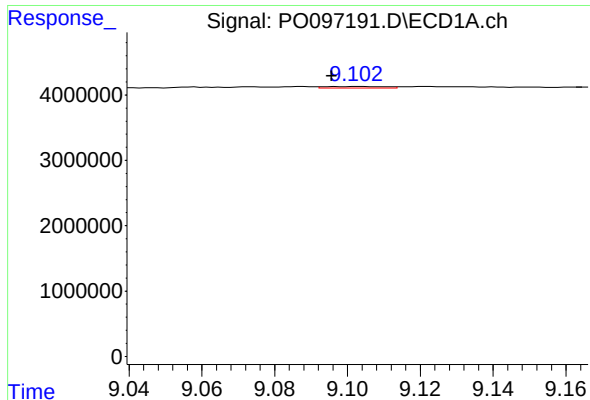
#42 AR-1268-2

R.T.: 8.871 min
Delta R.T.: 0.016 min
Response: 302370
Conc: 1.10 ng/ml



#42 AR-1268-2

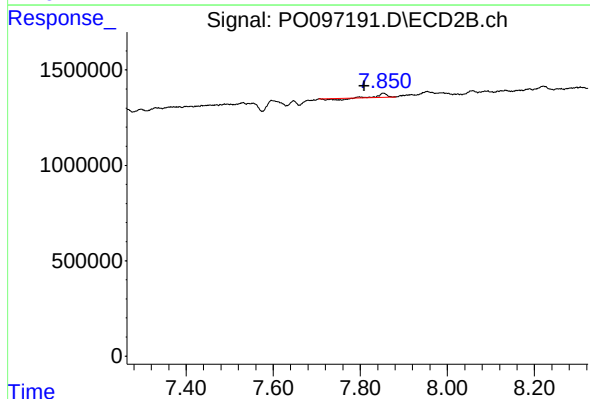
R.T.: 7.598 min
Delta R.T.: -0.006 min
Response: 982250
Conc: 5.86 ng/ml



#43 AR-1268-3

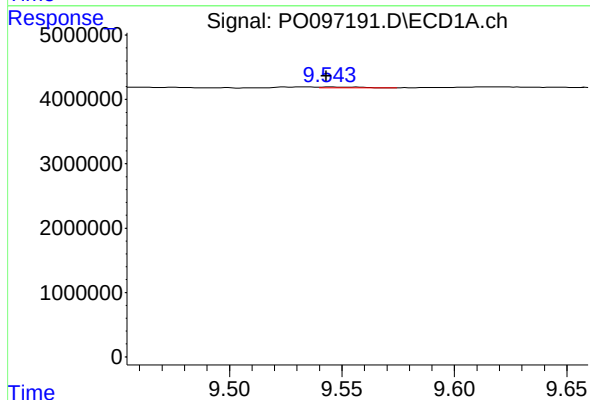
R.T.: 9.103 min
Delta R.T.: 0.007 min
Response: 283311
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



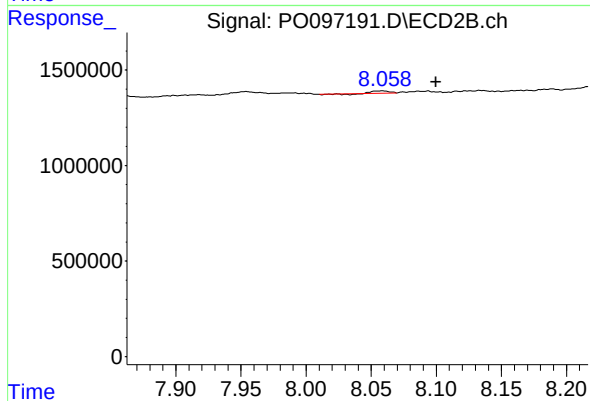
#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: 0.044 min
Response: 83748
Conc: 0.58 ng/ml



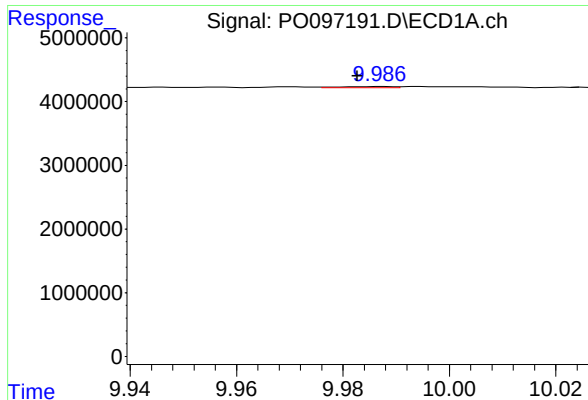
#44 AR-1268-4

R.T.: 9.545 min
Delta R.T.: 0.002 min
Response: 181752
Conc: 1.96 ng/ml



#44 AR-1268-4

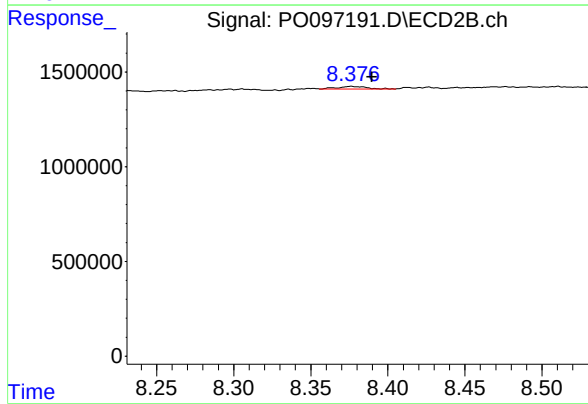
R.T.: 8.058 min
Delta R.T.: -0.042 min
Response: 95533
Conc: 1.60 ng/ml



#45 AR-1268-5

R.T.: 9.987 min
Delta R.T.: 0.005 min
Response: 131950
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-376



#45 AR-1268-5

R.T.: 8.377 min
Delta R.T.: -0.013 min
Response: 163992
Conc: 0.39 ng/ml