

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081823\
 Data File : P0097248.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2023 13:49
 Operator : YP/AJ
 Sample : 04058-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:04:38 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...	4.410	3.614	62586769	23890976	18.907	18.047
2)	SA Decachlor...	10.352	8.631	45479352	19232170	20.784	16.623
Target Compounds							
3)	L1 AR-1016-1	5.619	4.702	185901	1044864	1.974	23.567 #
4)	L1 AR-1016-2	5.619	4.728	185901	1285087	1.390	21.008 #
5)	L1 AR-1016-3	5.696	4.895	426316	1126685	4.899	34.488 #
6)	L1 AR-1016-4	5.767	4.945	542385	3048067	8.075	106.627 #
7)	L1 AR-1016-5	6.114f	5.174	423939	2518681	6.072	65.511 #
8)	L2 AR-1221-1	4.620	0.000	1027778	0	25.218	N.D. #
9)	L2 AR-1221-2	4.721	3.918	1019353	4536503	33.554	351.103 #
10)	L2 AR-1221-3	4.785	4.032	282142	4267370	3.223	107.507 #
11)	L3 AR-1232-1	4.785	4.032f	282142	4267370	3.868	131.924 #
12)	L3 AR-1232-2	5.344	4.728	7024490	1285087	177.181	44.540 #
13)	L3 AR-1232-3	5.619	4.895	185901	1126685	3.039	74.310 #
14)	L3 AR-1232-4	5.767	5.005	542385	4075354	17.775	272.696 #
15)	L3 AR-1232-5	5.877	5.174	7567622	2518681	270.435	154.078 #
16)	L4 AR-1242-1	5.619	4.702	185901	1044864	2.218	26.503 #
17)	L4 AR-1242-2	5.619	4.728	185901	1285087	1.579	23.584 #
18)	L4 AR-1242-3	5.696	4.895	426316	1126685	5.771	38.104 #
19)	L4 AR-1242-4	5.767	5.005	542385	4075354	9.111	129.319 #
20)	L4 AR-1242-5	6.508	5.504	355996	3021769	6.470	82.933 #
21)	L5 AR-1248-1	5.619	4.702	185901	1044864	3.173	37.233 #
22)	L5 AR-1248-2	5.877	4.945	7567622	3048067	80.492	71.921
23)	L5 AR-1248-3	6.114f	5.005	423939	4075354	4.334	92.907 #
24)	L5 AR-1248-4	6.472	5.174	142139	2518681	1.565	49.338 #
25)	L5 AR-1248-5	6.508	5.573	355996	3280664	4.041	70.172 #
26)	L6 AR-1254-1	6.472	5.504	142139	3021769	1.301	40.947 #
27)	L6 AR-1254-2	6.696	5.649	3736664	1555557	23.176	23.612
28)	L6 AR-1254-3	7.081	6.073	3581905	2208013	22.859	21.848
29)	L6 AR-1254-4	7.365	6.279	1108588	660550	10.996	11.413
30)	L6 AR-1254-5	7.817	6.702	2617348	603330	23.325	6.863 #
31)	L7 AR-1260-1	7.241	6.186	1759869	928674	14.002	13.197
32)	L7 AR-1260-2	7.498	6.373	2748108	666031	20.396	7.980 #
33)	L7 AR-1260-3	7.882	6.530	1393270	290028	13.426	3.756 #
34)	L7 AR-1260-4	8.087	6.984	3141069	474640	28.095	7.407 #
35)	L7 AR-1260-5	8.447	7.242	1645919	332474	7.838	2.398 #
36)	L8 AR-1262-1	7.882	6.840f	1393270	1166259	9.381	29.624 #
37)	L8 AR-1262-2	8.447	6.984	1645919	474640	7.111	5.852
38)	L8 AR-1262-3	8.800f	7.525	510409	132963	3.060	2.072 #
39)	L8 AR-1262-4	8.865	7.594	723427	467936	9.923	4.119 #
40)	L8 AR-1262-5	9.534	8.059f	617165	241099	7.411	4.591 #
41)	L9 AR-1268-1	8.800f	7.525	510409	132963	1.660	0.718 #

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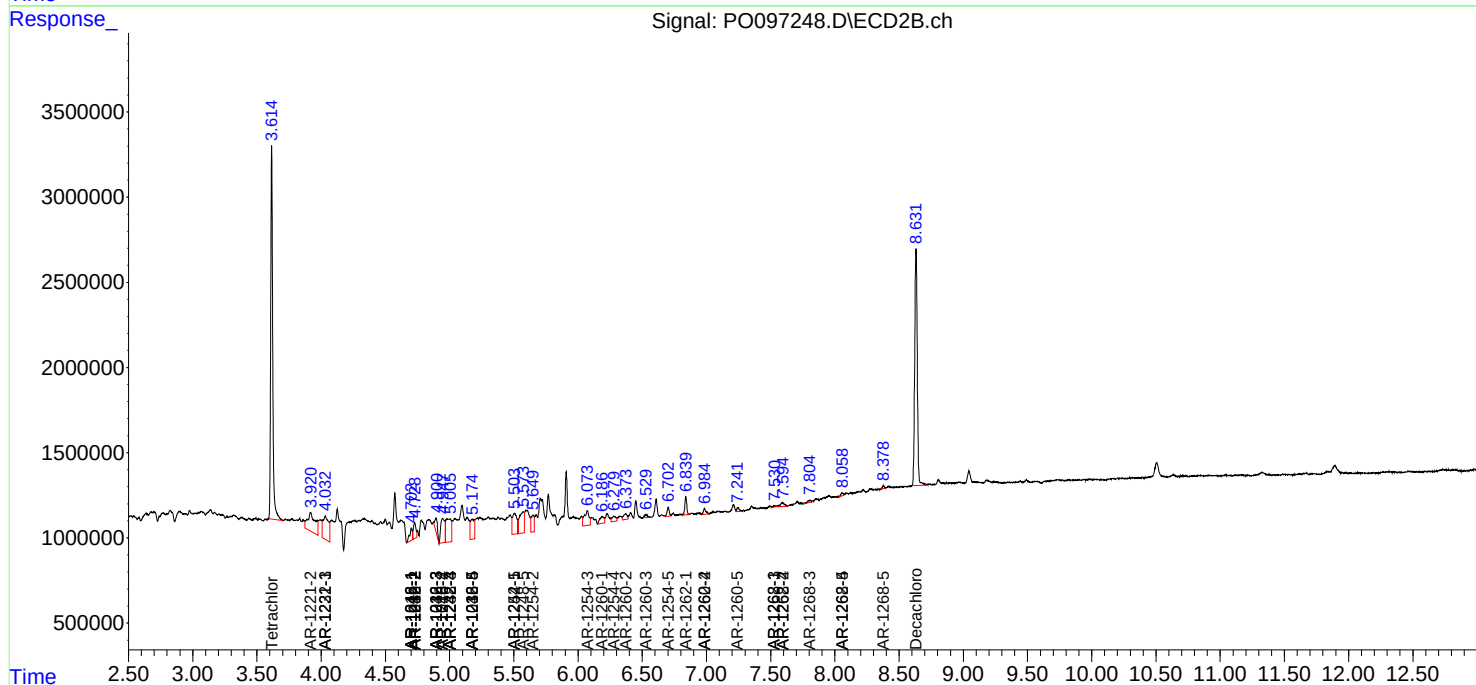
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

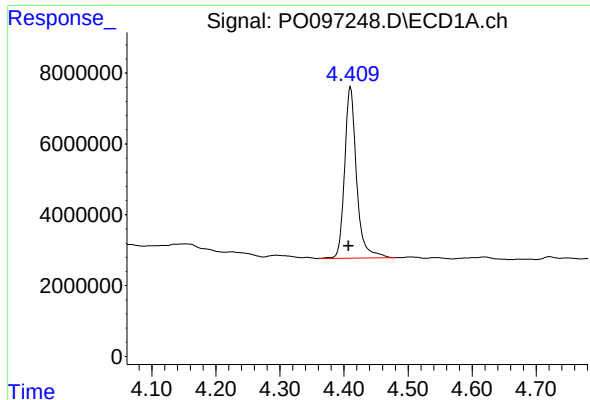
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.865	7.594	723427	467936	2.638	2.791
43) L9	AR-1268-3	9.102	7.804	608175	215394	2.381	1.491 #
44) L9	AR-1268-4	9.534	8.059f	617165	241099	6.657	4.047 #
45) L9	AR-1268-5	9.993	8.378	805988	147406	0.998	0.354 #

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

Instrument :
ECD_O
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

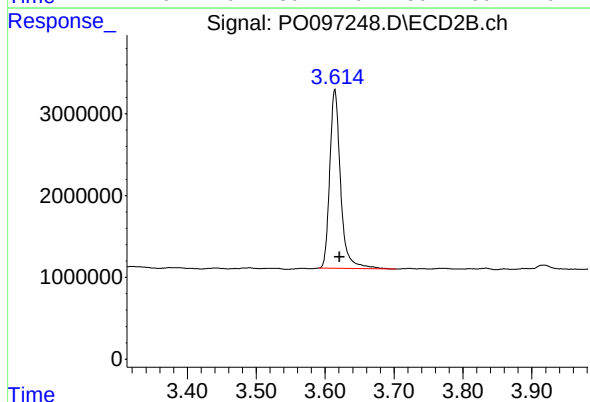




#1 Tetrachloro-m-xylene

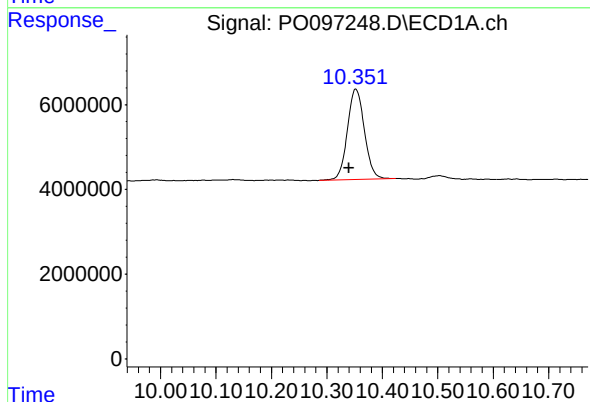
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 62586769
Conc: 18.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



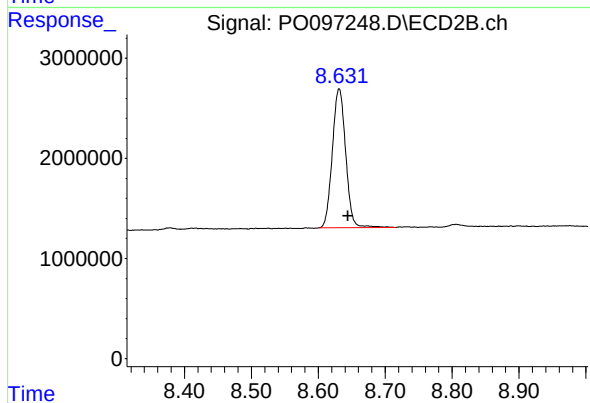
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 23890976
Conc: 18.05 ng/ml



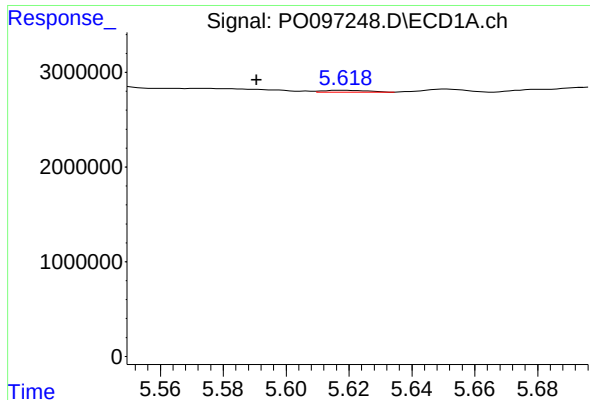
#2 Decachlorobiphenyl

R.T.: 10.352 min
Delta R.T.: 0.013 min
Response: 45479352
Conc: 20.78 ng/ml



#2 Decachlorobiphenyl

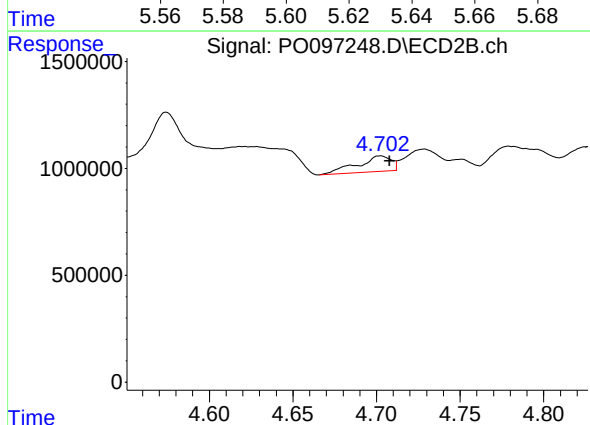
R.T.: 8.631 min
Delta R.T.: -0.013 min
Response: 19232170
Conc: 16.62 ng/ml



#3 AR-1016-1

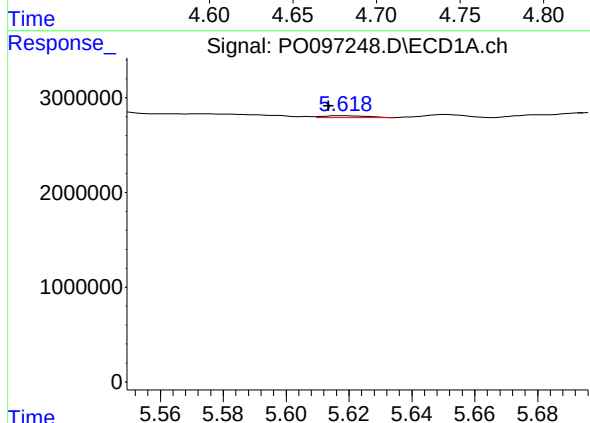
R.T.: 5.619 min
Delta R.T.: 0.028 min
Response: 185901
Conc: 1.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



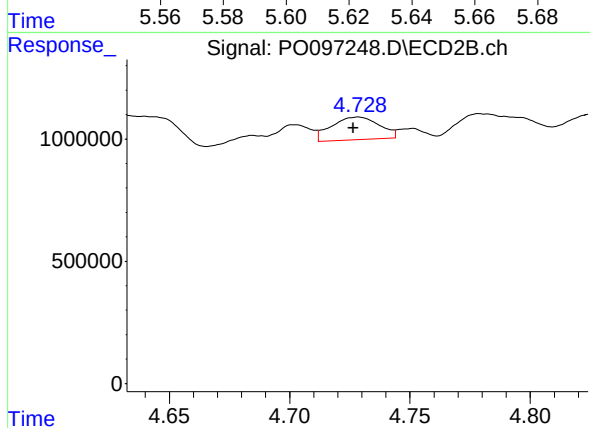
#3 AR-1016-1

R.T.: 4.702 min
Delta R.T.: -0.006 min
Response: 1044864
Conc: 23.57 ng/ml



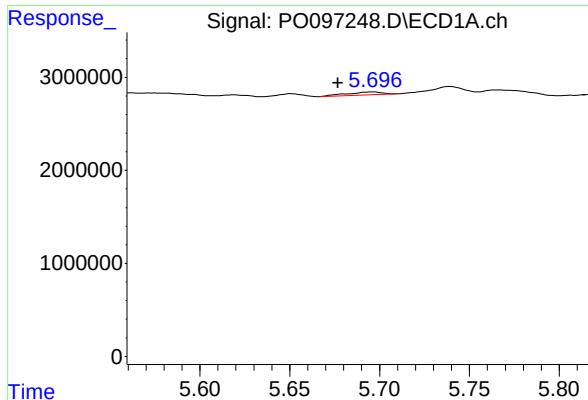
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 185901
Conc: 1.39 ng/ml



#4 AR-1016-2

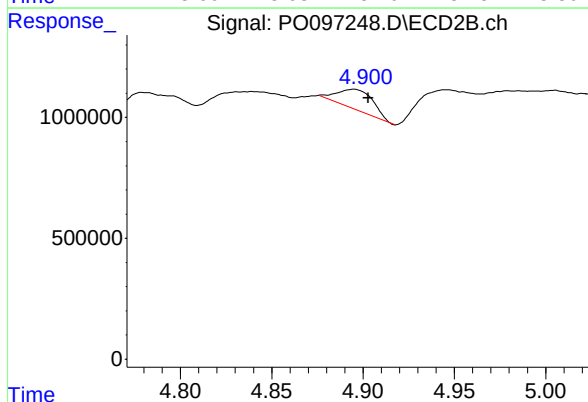
R.T.: 4.728 min
Delta R.T.: 0.002 min
Response: 1285087
Conc: 21.01 ng/ml



#5 AR-1016-3

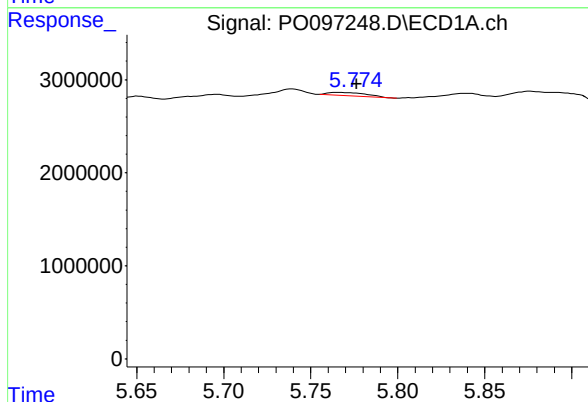
R.T.: 5.696 min
Delta R.T.: 0.019 min
Response: 426316
Conc: 4.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



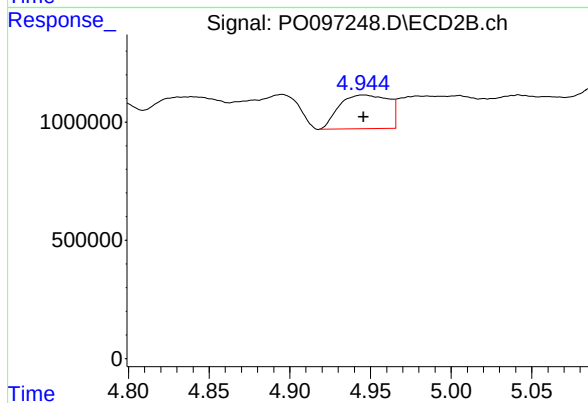
#5 AR-1016-3

R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 1126685
Conc: 34.49 ng/ml



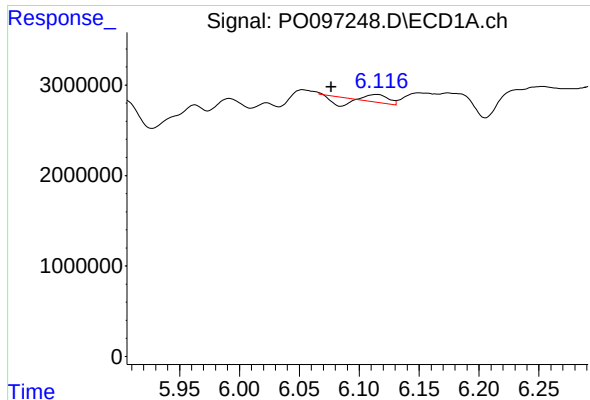
#6 AR-1016-4

R.T.: 5.767 min
Delta R.T.: -0.010 min
Response: 542385
Conc: 8.07 ng/ml



#6 AR-1016-4

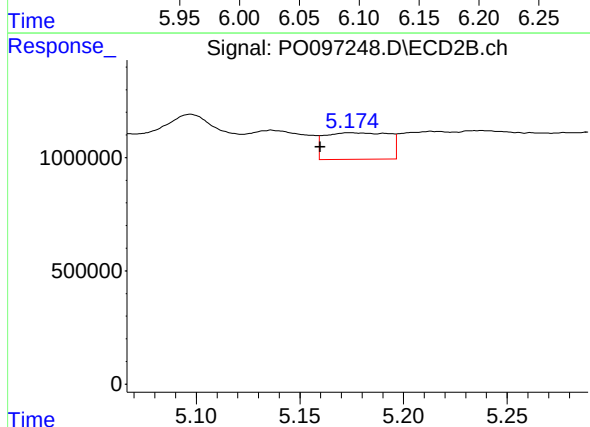
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 3048067
Conc: 106.63 ng/ml



#7 AR-1016-5

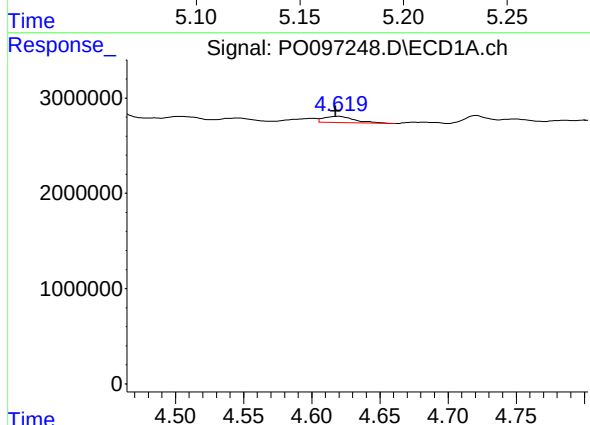
R.T.: 6.114 min
Delta R.T.: 0.038 min
Response: 423939
Conc: 6.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



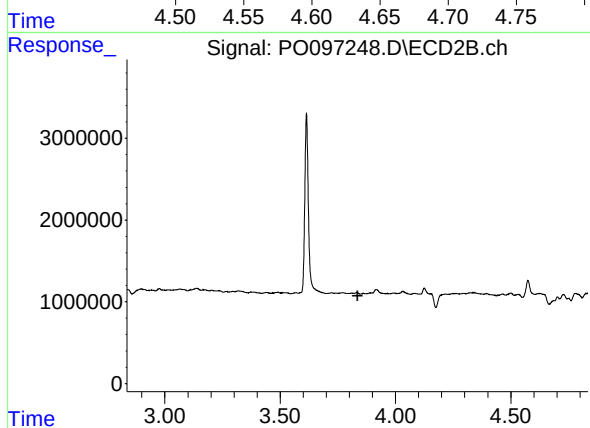
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: 0.014 min
Response: 2518681
Conc: 65.51 ng/ml



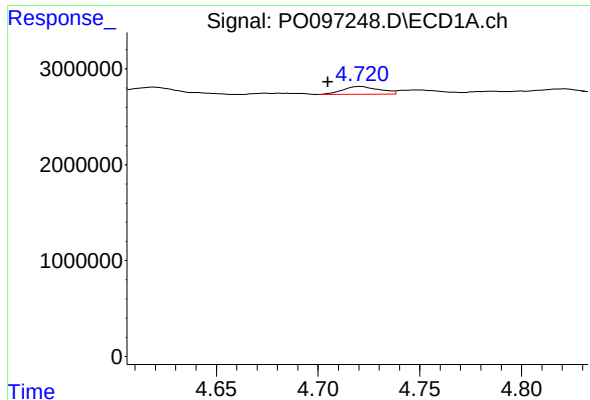
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: 0.002 min
Response: 1027778
Conc: 25.22 ng/ml



#8 AR-1221-1

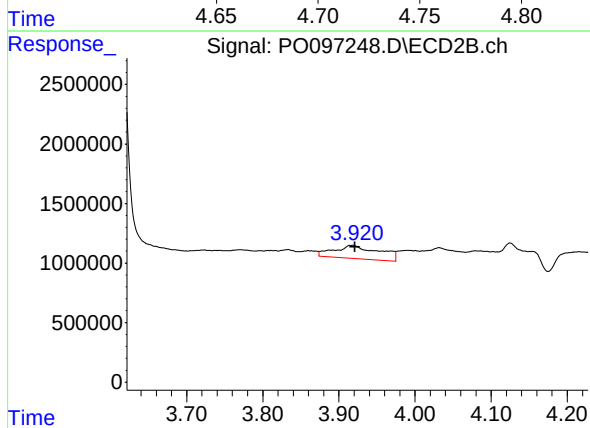
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

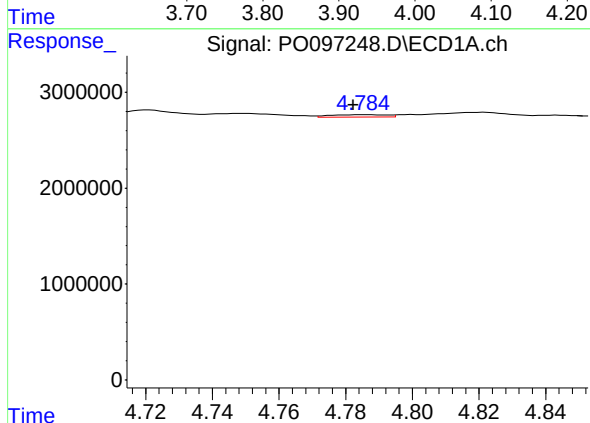
R.T.: 4.721 min
Delta R.T.: 0.016 min
Response: 1019353
Conc: 33.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



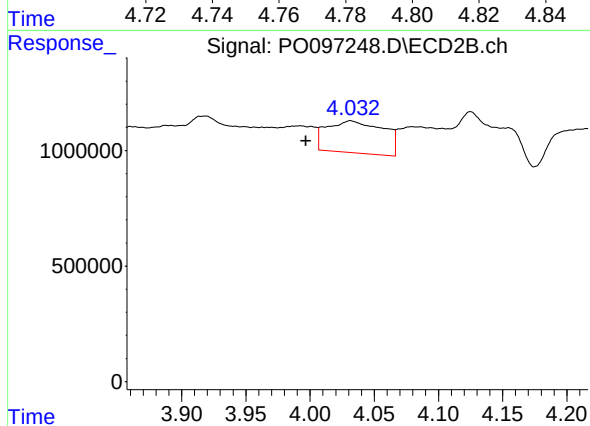
#9 AR-1221-2

R.T.: 3.918 min
Delta R.T.: -0.003 min
Response: 4536503
Conc: 351.10 ng/ml



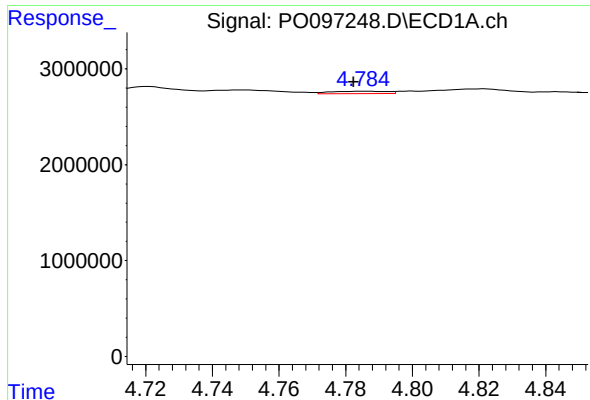
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 282142
Conc: 3.22 ng/ml



#10 AR-1221-3

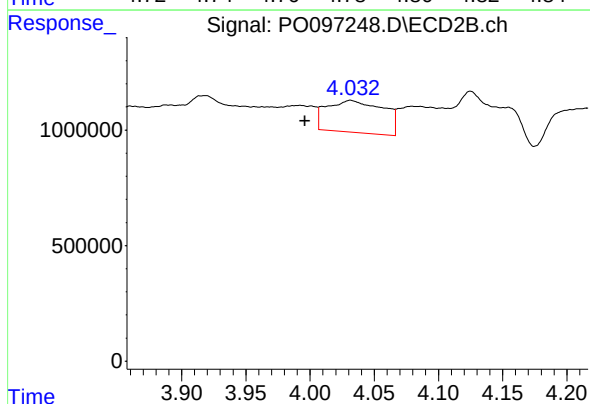
R.T.: 4.032 min
Delta R.T.: 0.035 min
Response: 4267370
Conc: 107.51 ng/ml



#11 AR-1232-1

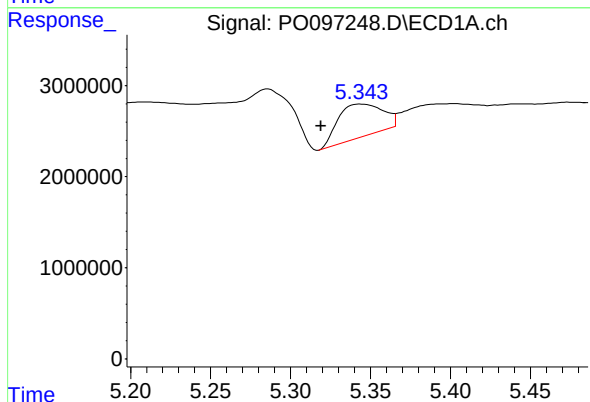
R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 282142
Conc: 3.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



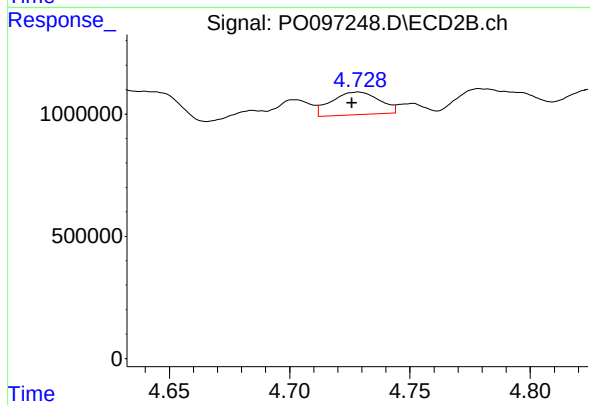
#11 AR-1232-1

R.T.: 4.032 min
Delta R.T.: 0.036 min
Response: 4267370
Conc: 131.92 ng/ml



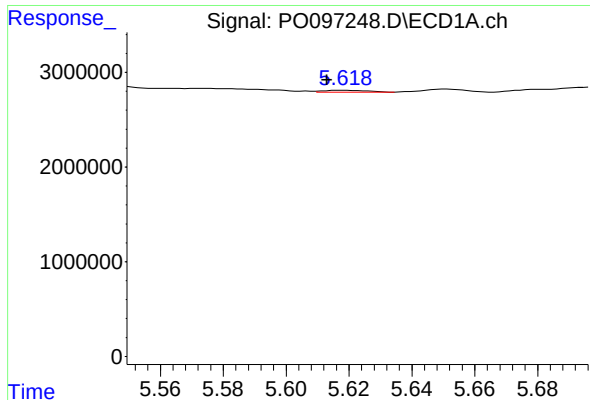
#12 AR-1232-2

R.T.: 5.344 min
Delta R.T.: 0.025 min
Response: 7024490
Conc: 177.18 ng/ml



#12 AR-1232-2

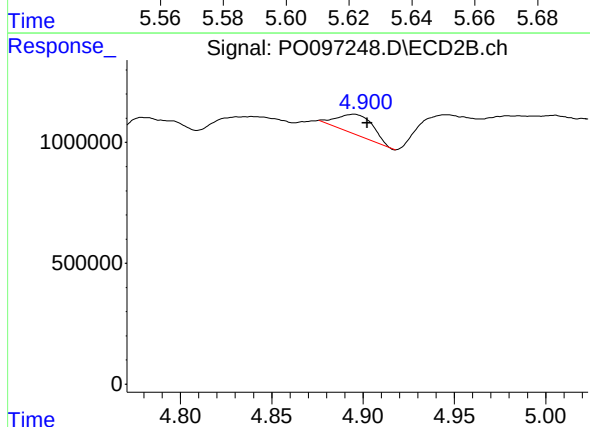
R.T.: 4.728 min
Delta R.T.: 0.003 min
Response: 1285087
Conc: 44.54 ng/ml



#13 AR-1232-3

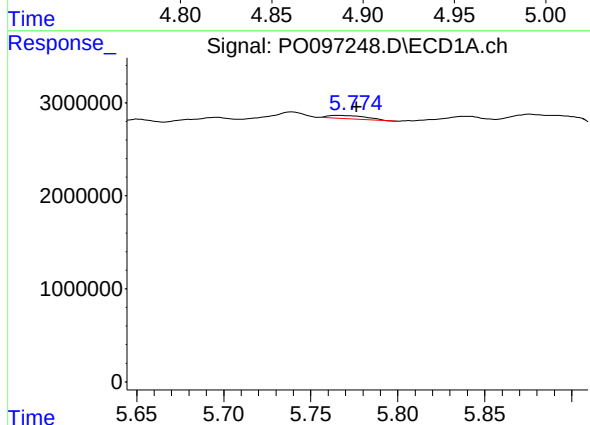
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 185901
Conc: 3.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



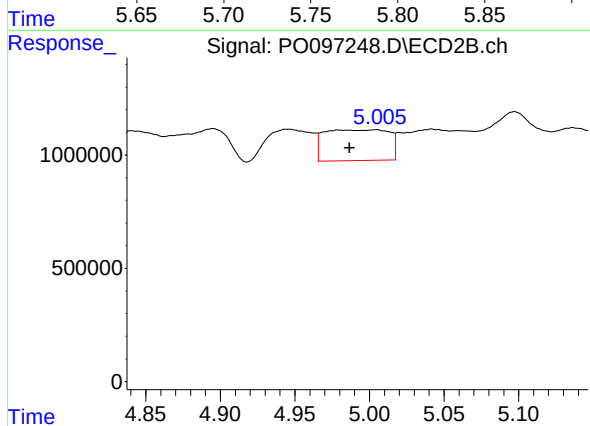
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: -0.007 min
Response: 1126685
Conc: 74.31 ng/ml



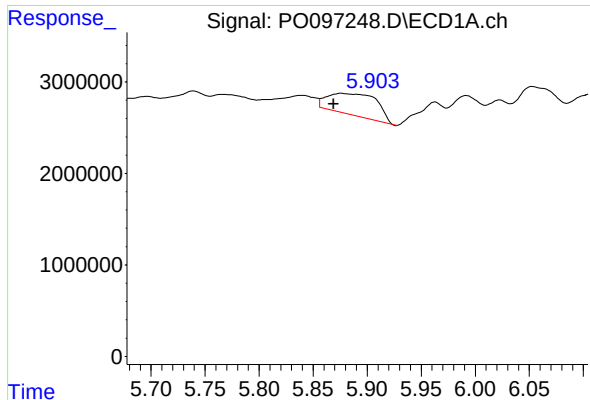
#14 AR-1232-4

R.T.: 5.767 min
Delta R.T.: -0.010 min
Response: 542385
Conc: 17.78 ng/ml



#14 AR-1232-4

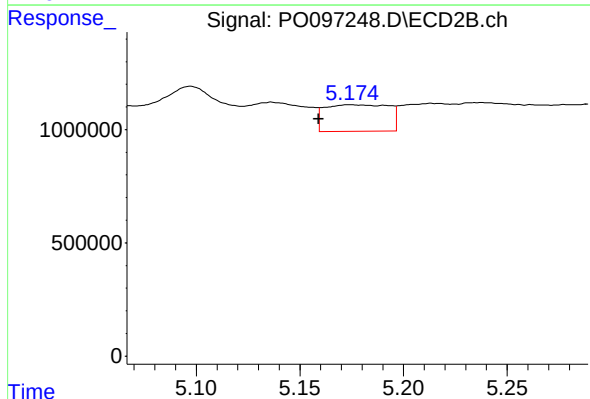
R.T.: 5.005 min
Delta R.T.: 0.018 min
Response: 4075354
Conc: 272.70 ng/ml



#15 AR-1232-5

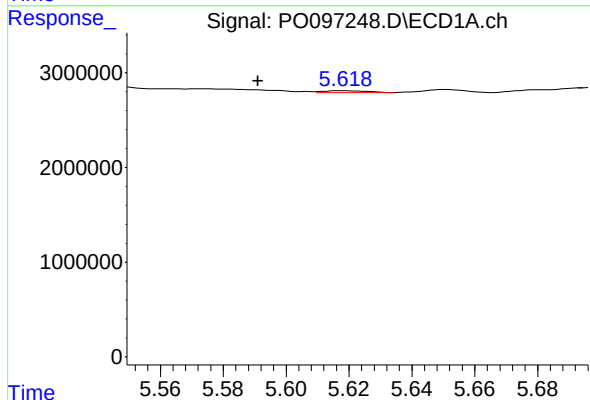
R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 7567622
Conc: 270.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



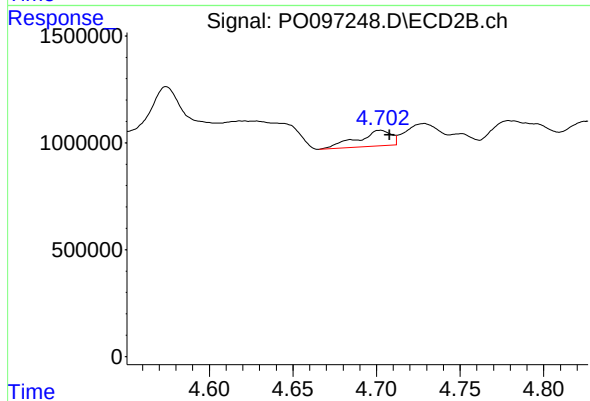
#15 AR-1232-5

R.T.: 5.174 min
Delta R.T.: 0.015 min
Response: 2518681
Conc: 154.08 ng/ml



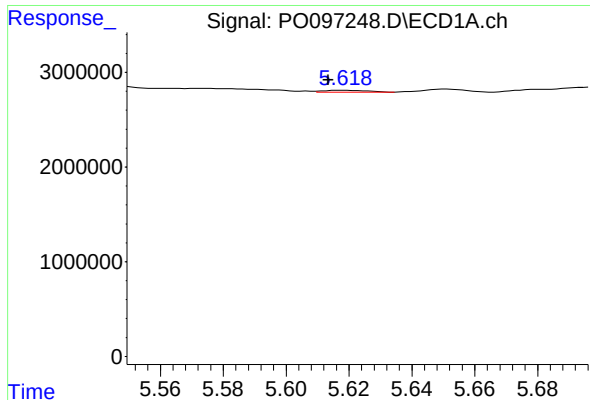
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: 0.027 min
Response: 185901
Conc: 2.22 ng/ml



#16 AR-1242-1

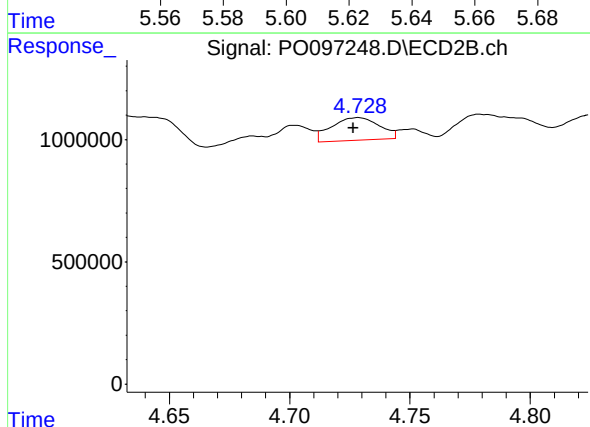
R.T.: 4.702 min
Delta R.T.: -0.006 min
Response: 1044864
Conc: 26.50 ng/ml



#17 AR-1242-2

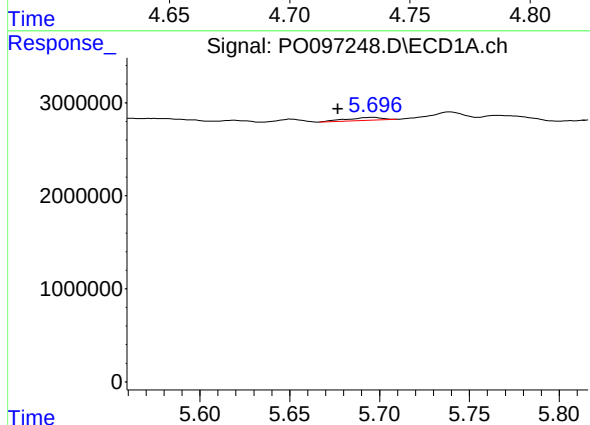
R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 185901
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



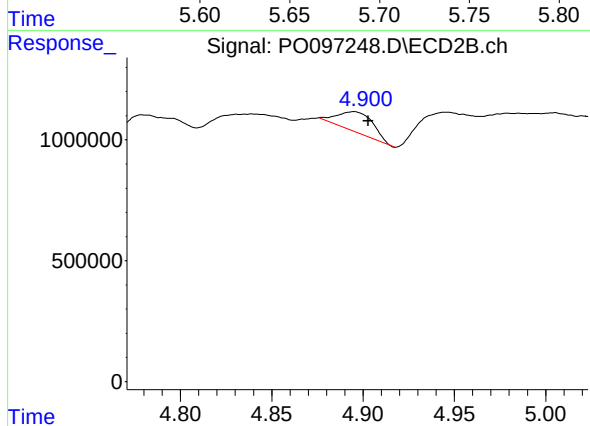
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: 0.002 min
Response: 1285087
Conc: 23.58 ng/ml



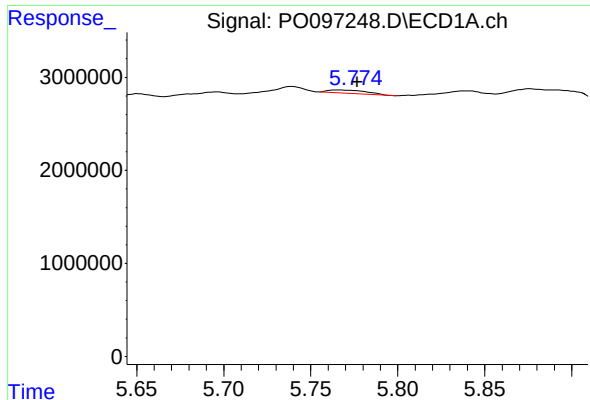
#18 AR-1242-3

R.T.: 5.696 min
Delta R.T.: 0.019 min
Response: 426316
Conc: 5.77 ng/ml



#18 AR-1242-3

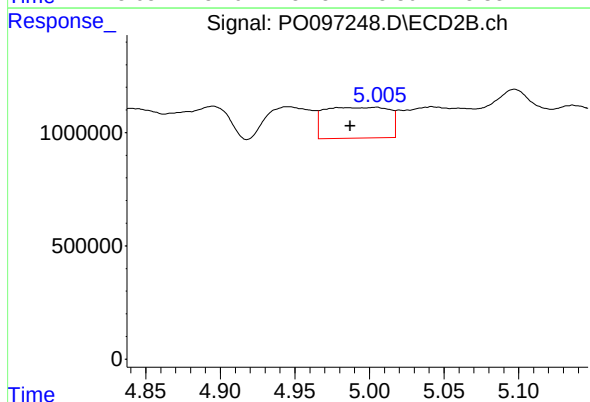
R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 1126685
Conc: 38.10 ng/ml



#19 AR-1242-4

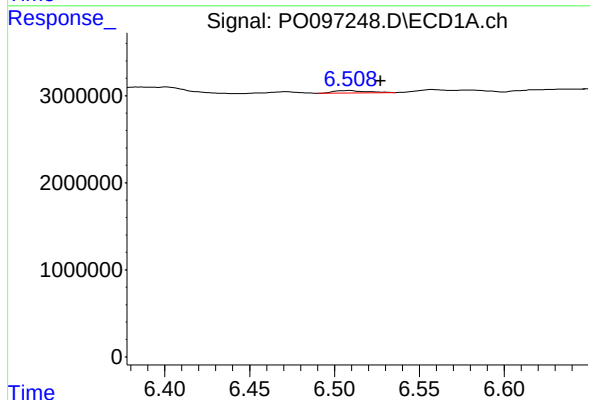
R.T.: 5.767 min
Delta R.T.: -0.010 min
Response: 542385
Conc: 9.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



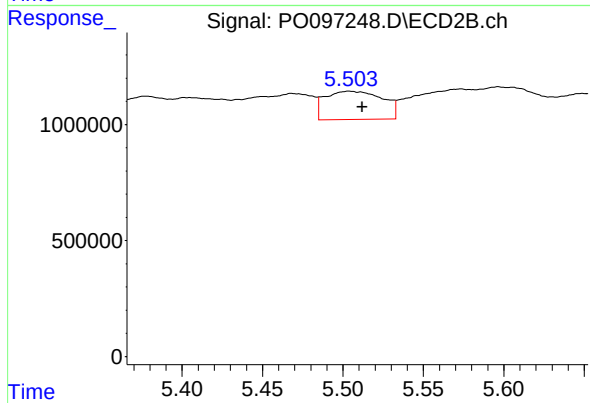
#19 AR-1242-4

R.T.: 5.005 min
Delta R.T.: 0.017 min
Response: 4075354
Conc: 129.32 ng/ml



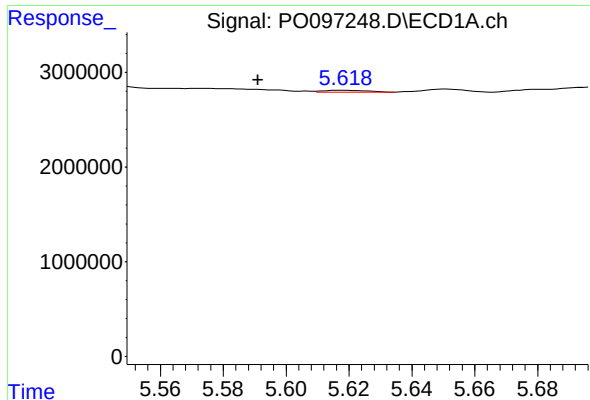
#20 AR-1242-5

R.T.: 6.508 min
Delta R.T.: -0.019 min
Response: 355996
Conc: 6.47 ng/ml



#20 AR-1242-5

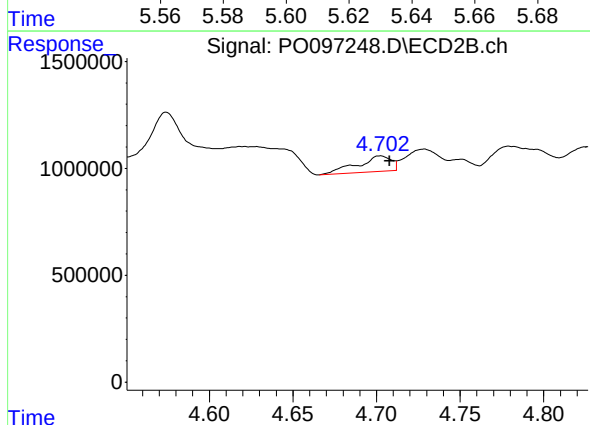
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 3021769
Conc: 82.93 ng/ml



#21 AR-1248-1

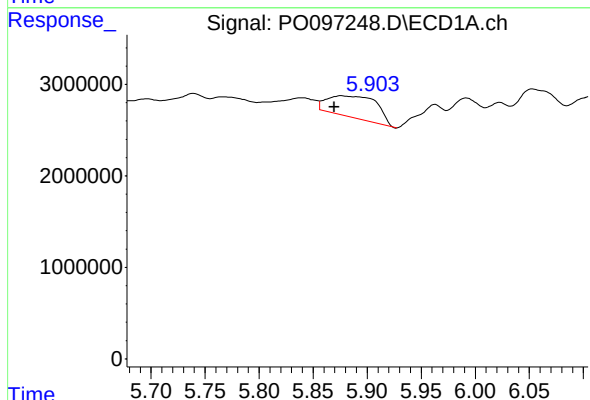
R.T.: 5.619 min
Delta R.T.: 0.027 min
Response: 185901
Conc: 3.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



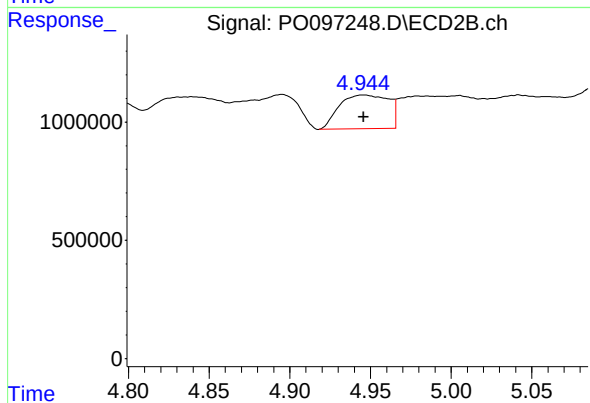
#21 AR-1248-1

R.T.: 4.702 min
Delta R.T.: -0.006 min
Response: 1044864
Conc: 37.23 ng/ml



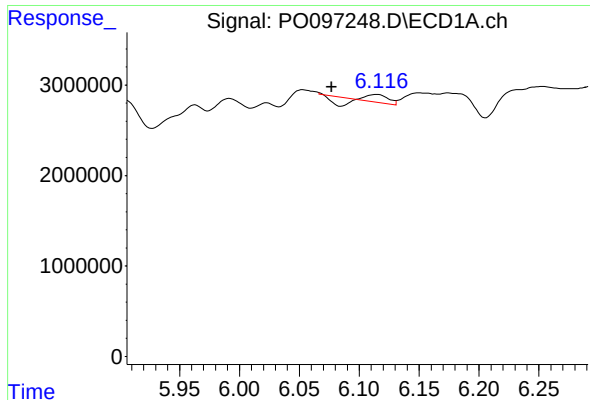
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.007 min
Response: 7567622
Conc: 80.49 ng/ml



#22 AR-1248-2

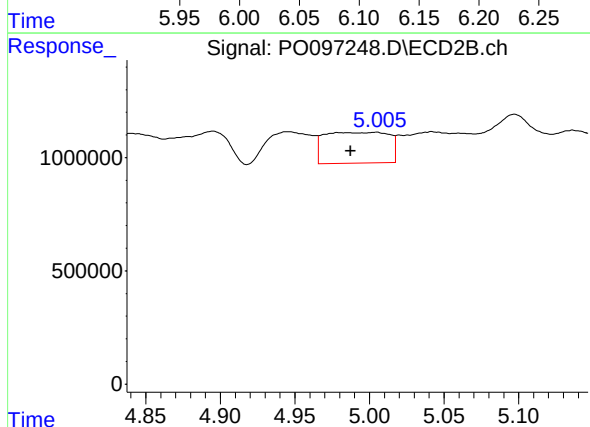
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 3048067
Conc: 71.92 ng/ml



#23 AR-1248-3

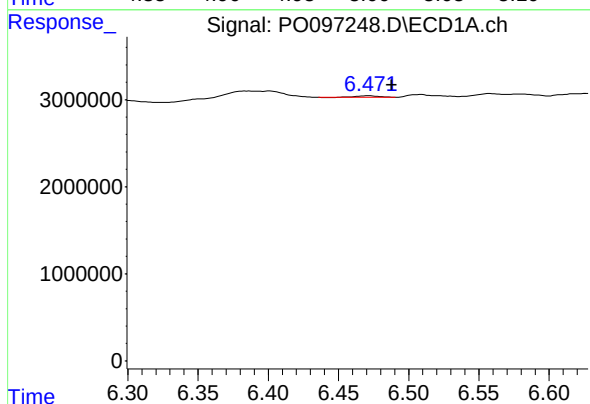
R.T.: 6.114 min
Delta R.T.: 0.037 min
Response: 423939
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



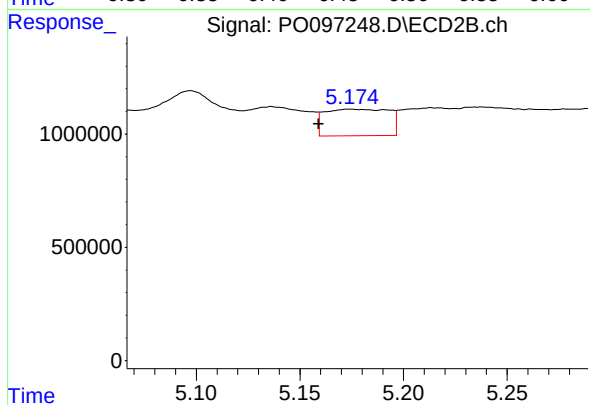
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: 0.017 min
Response: 4075354
Conc: 92.91 ng/ml



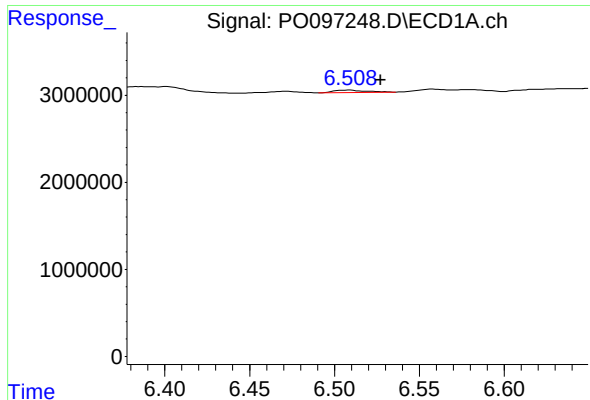
#24 AR-1248-4

R.T.: 6.472 min
Delta R.T.: -0.016 min
Response: 142139
Conc: 1.56 ng/ml



#24 AR-1248-4

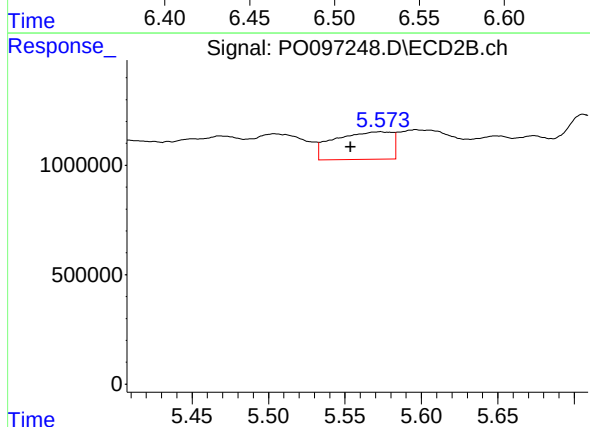
R.T.: 5.174 min
Delta R.T.: 0.015 min
Response: 2518681
Conc: 49.34 ng/ml



#25 AR-1248-5

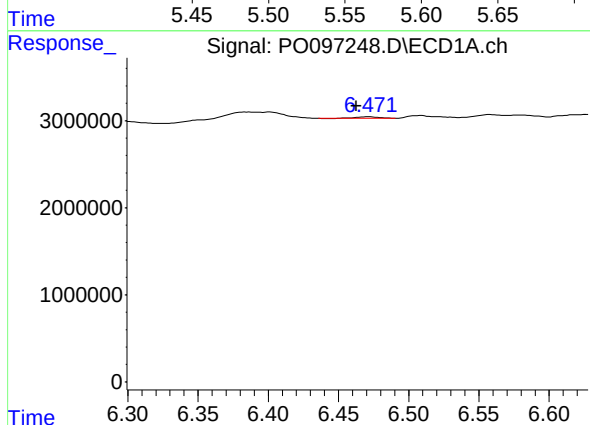
R.T.: 6.508 min
Delta R.T.: -0.019 min
Response: 355996
Conc: 4.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



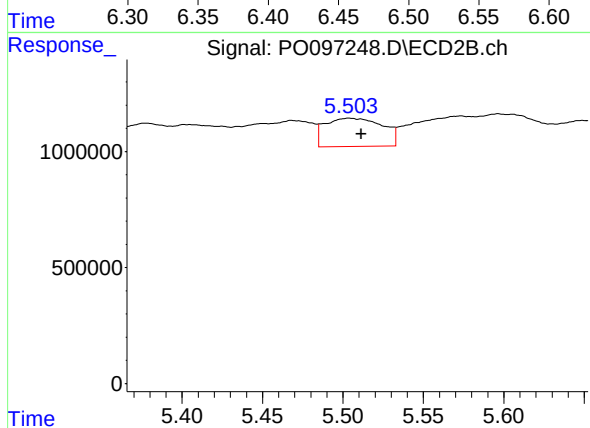
#25 AR-1248-5

R.T.: 5.573 min
Delta R.T.: 0.019 min
Response: 3280664
Conc: 70.17 ng/ml



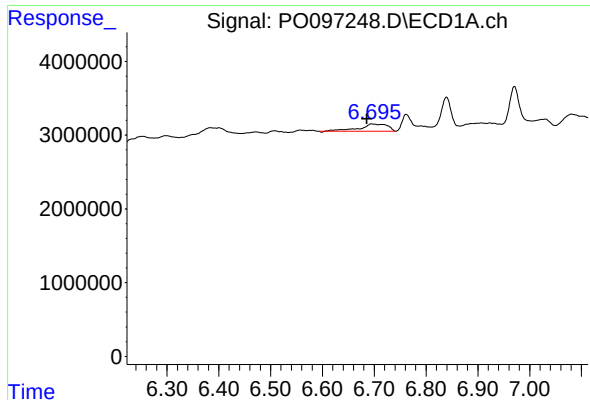
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.009 min
Response: 142139
Conc: 1.30 ng/ml



#26 AR-1254-1

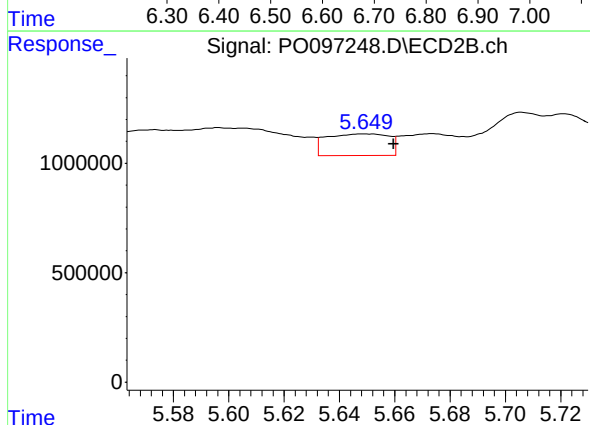
R.T.: 5.504 min
Delta R.T.: -0.007 min
Response: 3021769
Conc: 40.95 ng/ml



#27 AR-1254-2

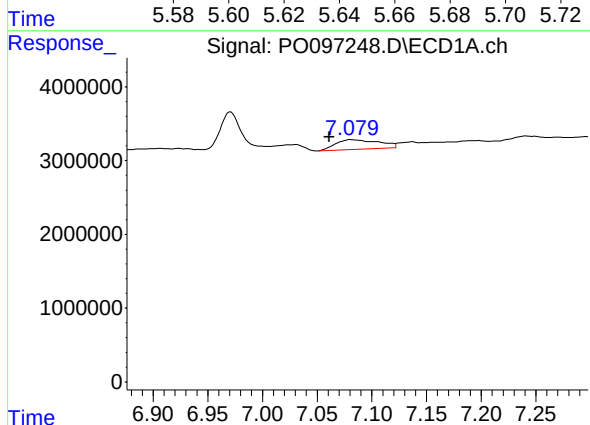
R.T.: 6.696 min
Delta R.T.: 0.010 min
Response: 3736664
Conc: 23.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



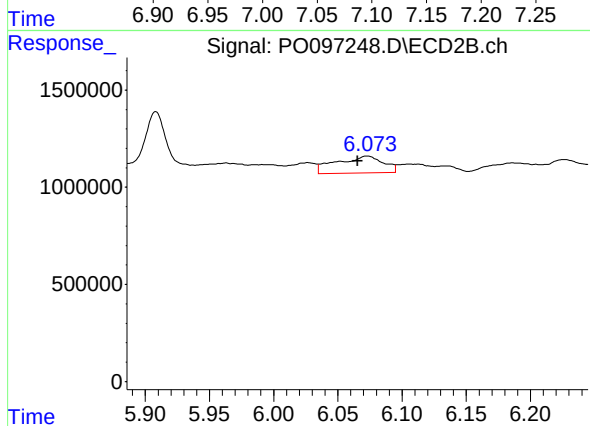
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: -0.010 min
Response: 1555557
Conc: 23.61 ng/ml



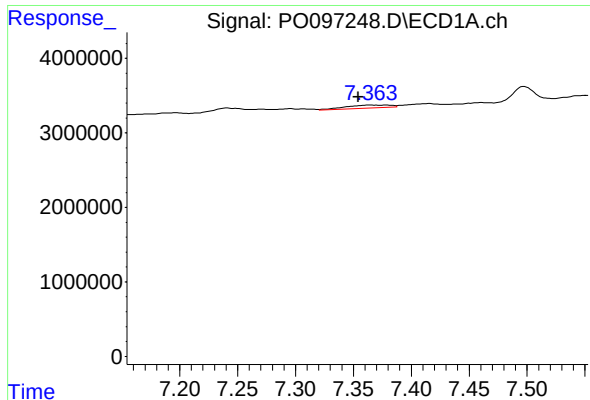
#28 AR-1254-3

R.T.: 7.081 min
Delta R.T.: 0.020 min
Response: 3581905
Conc: 22.86 ng/ml



#28 AR-1254-3

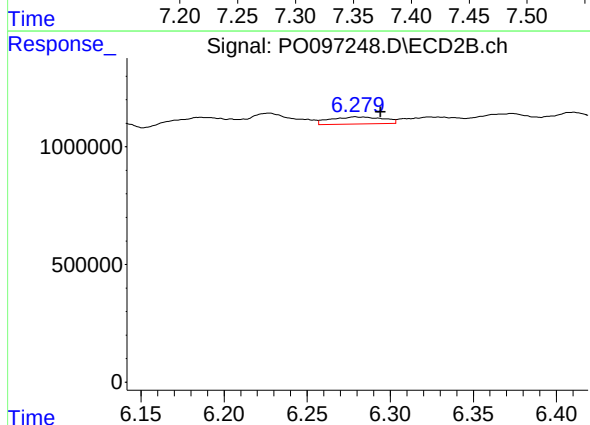
R.T.: 6.073 min
Delta R.T.: 0.008 min
Response: 2208013
Conc: 21.85 ng/ml



#29 AR-1254-4

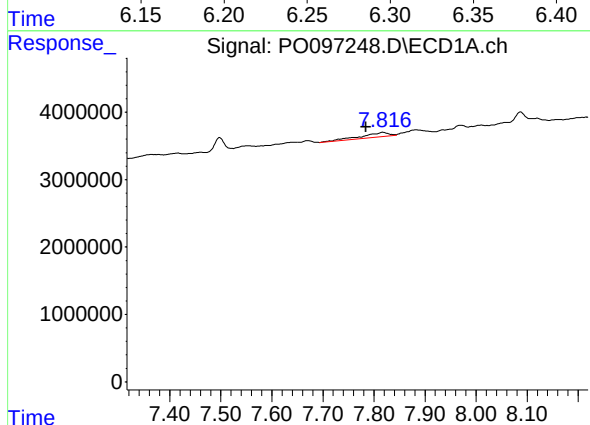
R.T.: 7.365 min
Delta R.T.: 0.011 min
Response: 1108588
Conc: 11.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



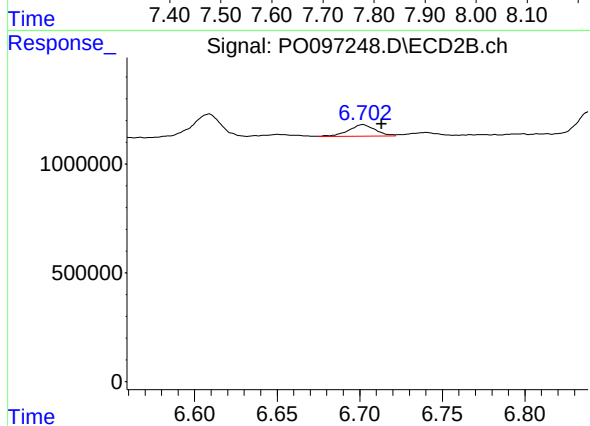
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: -0.015 min
Response: 660550
Conc: 11.41 ng/ml



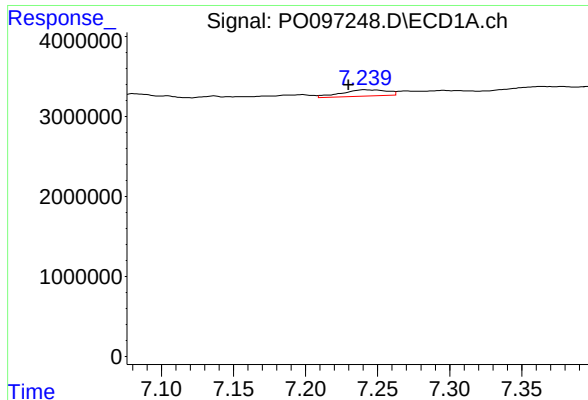
#30 AR-1254-5

R.T.: 7.817 min
Delta R.T.: 0.032 min
Response: 2617348
Conc: 23.32 ng/ml



#30 AR-1254-5

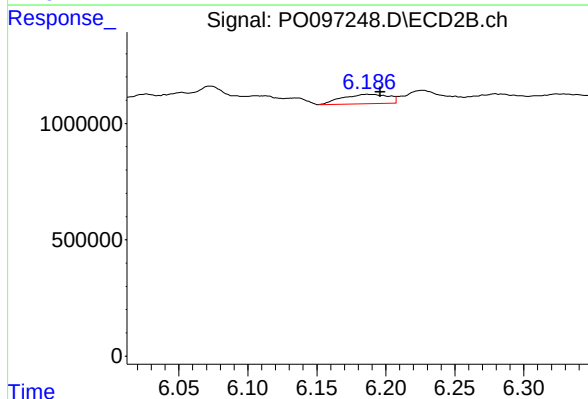
R.T.: 6.702 min
Delta R.T.: -0.011 min
Response: 603330
Conc: 6.86 ng/ml



#31 AR-1260-1

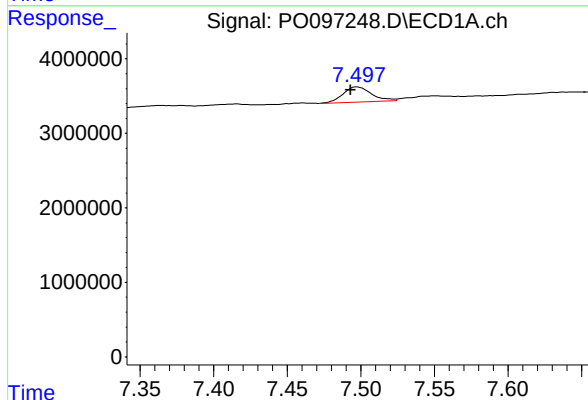
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 1759869
Conc: 14.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



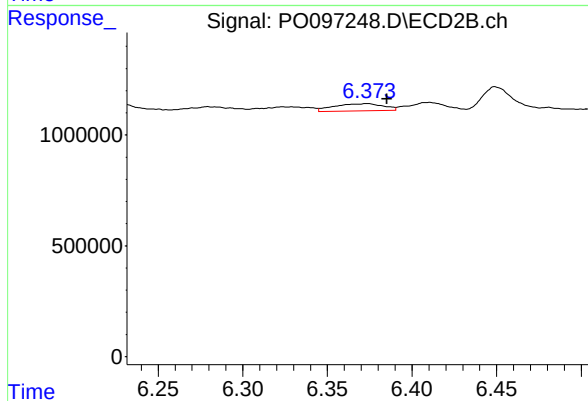
#31 AR-1260-1

R.T.: 6.186 min
Delta R.T.: -0.010 min
Response: 928674
Conc: 13.20 ng/ml



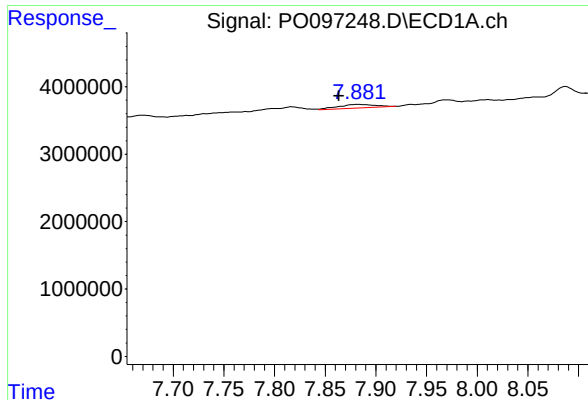
#32 AR-1260-2

R.T.: 7.498 min
Delta R.T.: 0.005 min
Response: 2748108
Conc: 20.40 ng/ml



#32 AR-1260-2

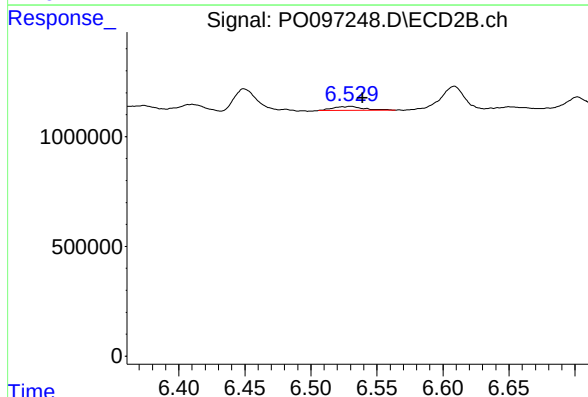
R.T.: 6.373 min
Delta R.T.: -0.012 min
Response: 666031
Conc: 7.98 ng/ml



#33 AR-1260-3

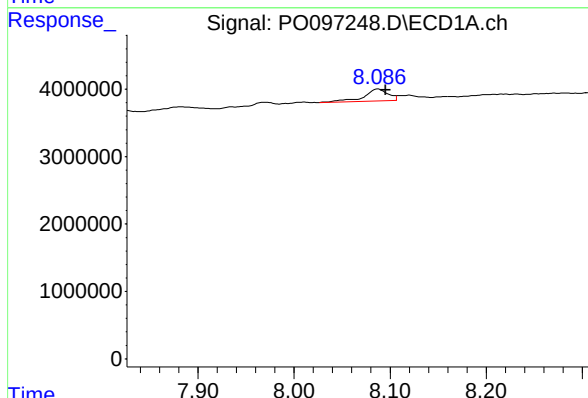
R.T.: 7.882 min
Delta R.T.: 0.018 min
Response: 1393270
Conc: 13.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



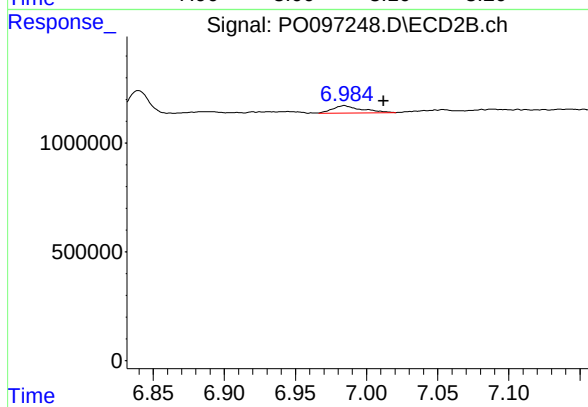
#33 AR-1260-3

R.T.: 6.530 min
Delta R.T.: -0.009 min
Response: 290028
Conc: 3.76 ng/ml



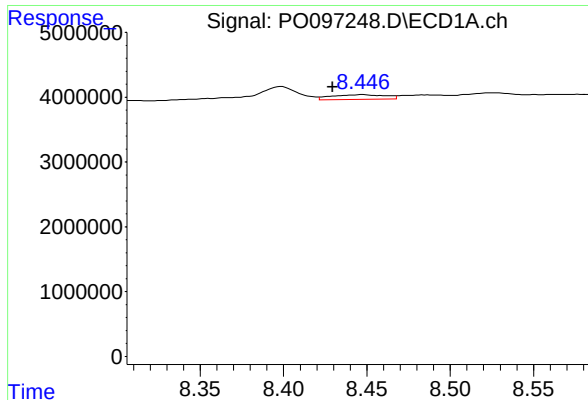
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.008 min
Response: 3141069
Conc: 28.09 ng/ml



#34 AR-1260-4

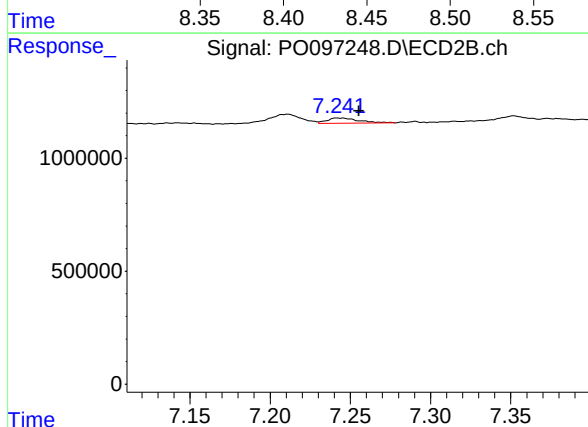
R.T.: 6.984 min
Delta R.T.: -0.028 min
Response: 474640
Conc: 7.41 ng/ml



#35 AR-1260-5

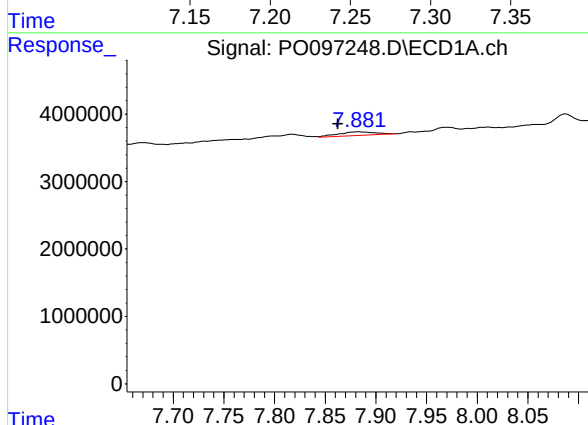
R.T.: 8.447 min
Delta R.T.: 0.018 min
Response: 1645919
Conc: 7.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



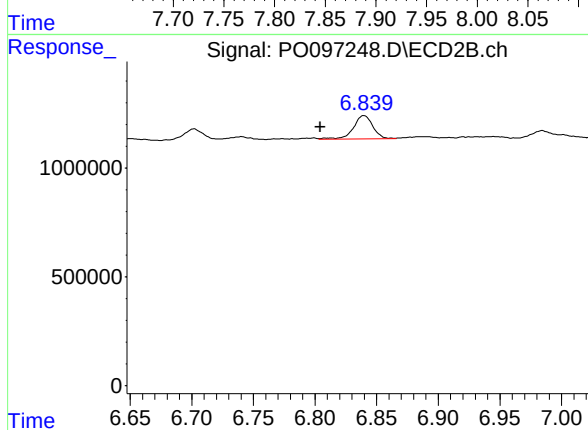
#35 AR-1260-5

R.T.: 7.242 min
Delta R.T.: -0.013 min
Response: 332474
Conc: 2.40 ng/ml



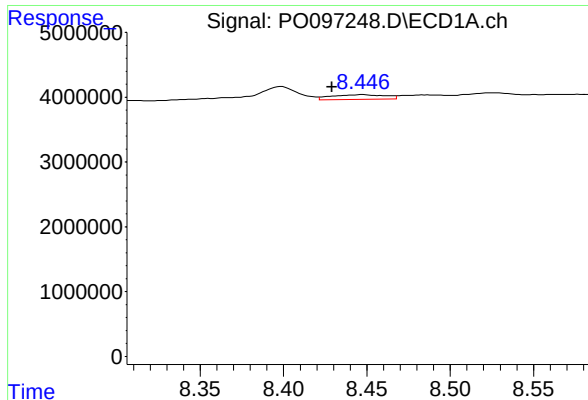
#36 AR-1262-1

R.T.: 7.882 min
Delta R.T.: 0.019 min
Response: 1393270
Conc: 9.38 ng/ml



#36 AR-1262-1

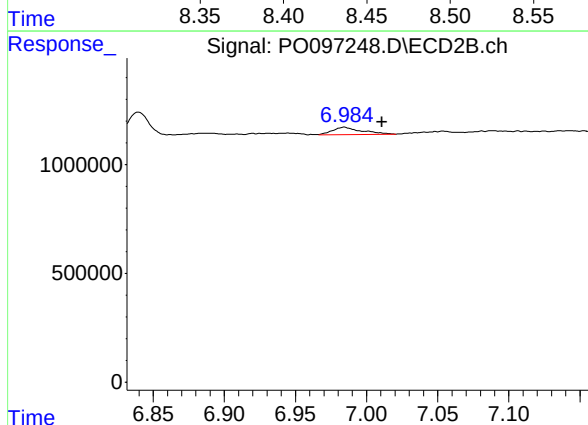
R.T.: 6.840 min
Delta R.T.: 0.035 min
Response: 1166259
Conc: 29.62 ng/ml



#37 AR-1262-2

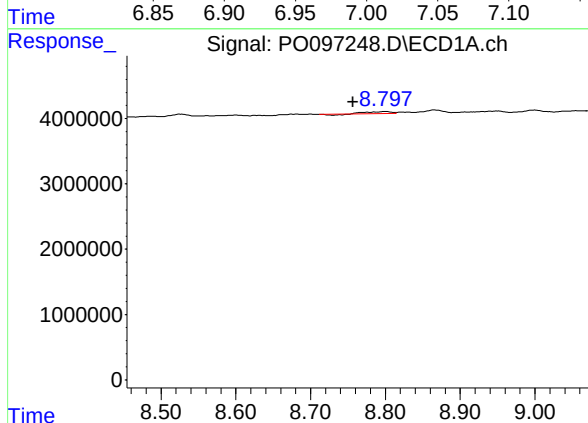
R.T.: 8.447 min
Delta R.T.: 0.018 min
Response: 1645919
Conc: 7.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



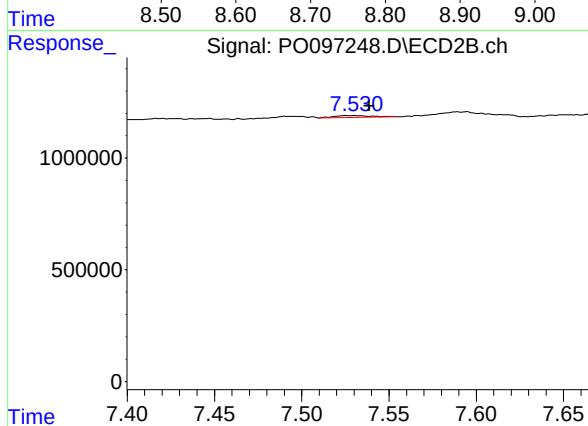
#37 AR-1262-2

R.T.: 6.984 min
Delta R.T.: -0.027 min
Response: 474640
Conc: 5.85 ng/ml



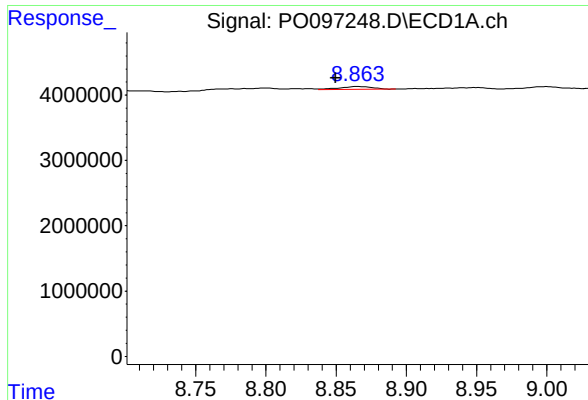
#38 AR-1262-3

R.T.: 8.800 min
Delta R.T.: 0.044 min
Response: 510409
Conc: 3.06 ng/ml



#38 AR-1262-3

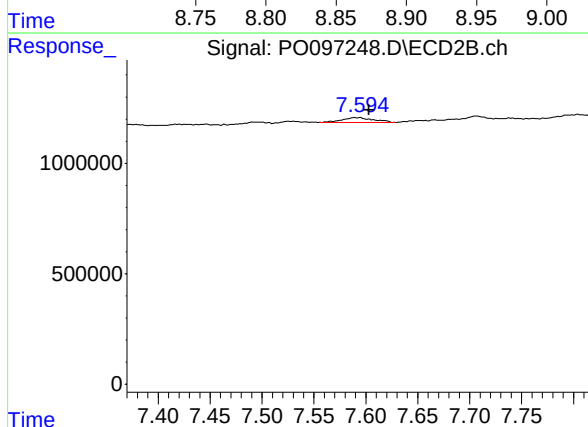
R.T.: 7.525 min
Delta R.T.: -0.013 min
Response: 132963
Conc: 2.07 ng/ml



#39 AR-1262-4

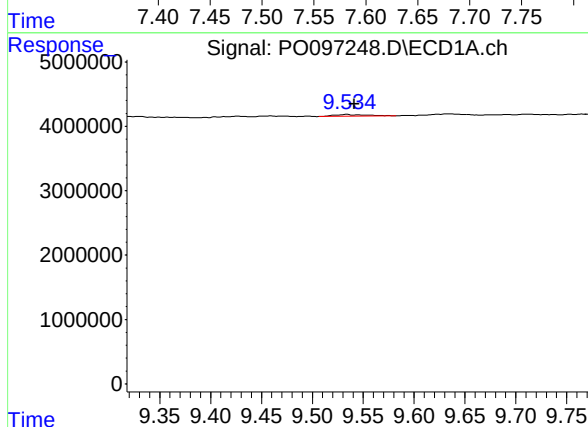
R.T.: 8.865 min
Delta R.T.: 0.015 min
Response: 723427
Conc: 9.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



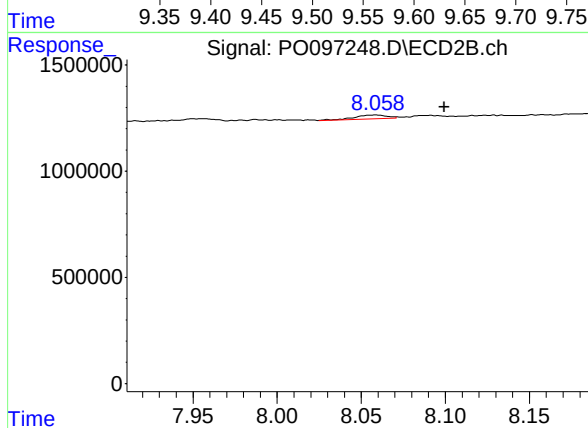
#39 AR-1262-4

R.T.: 7.594 min
Delta R.T.: -0.009 min
Response: 467936
Conc: 4.12 ng/ml



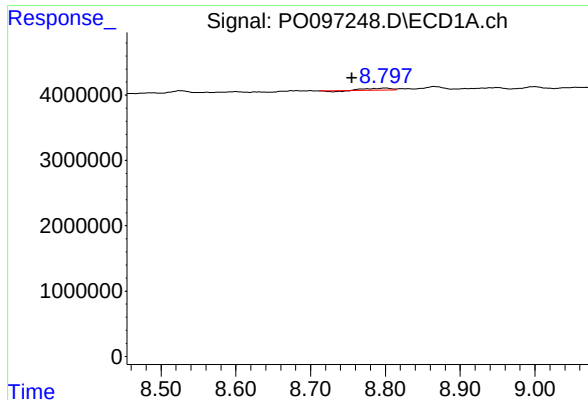
#40 AR-1262-5

R.T.: 9.534 min
Delta R.T.: -0.007 min
Response: 617165
Conc: 7.41 ng/ml



#40 AR-1262-5

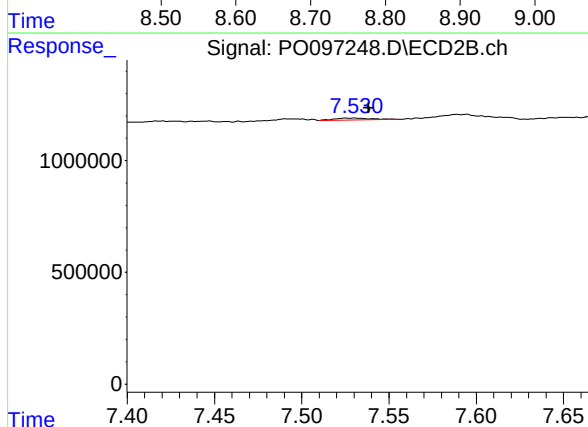
R.T.: 8.059 min
Delta R.T.: -0.040 min
Response: 241099
Conc: 4.59 ng/ml



#41 AR-1268-1

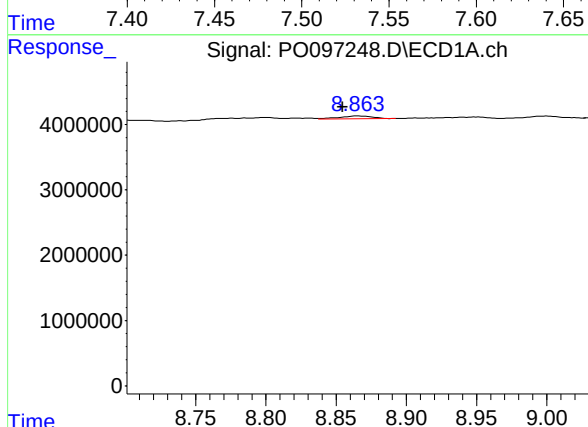
R.T.: 8.800 min
Delta R.T.: 0.045 min
Response: 510409
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



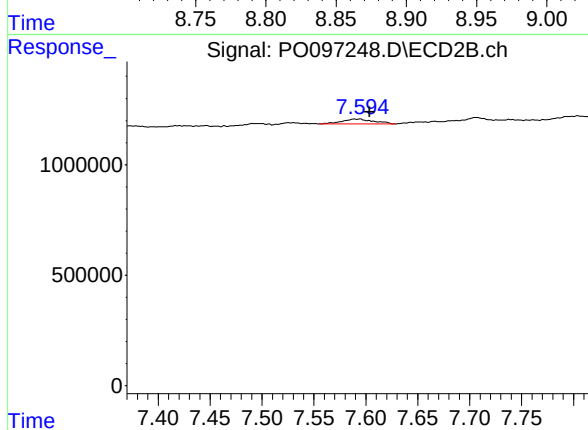
#41 AR-1268-1

R.T.: 7.525 min
Delta R.T.: -0.013 min
Response: 132963
Conc: 0.72 ng/ml



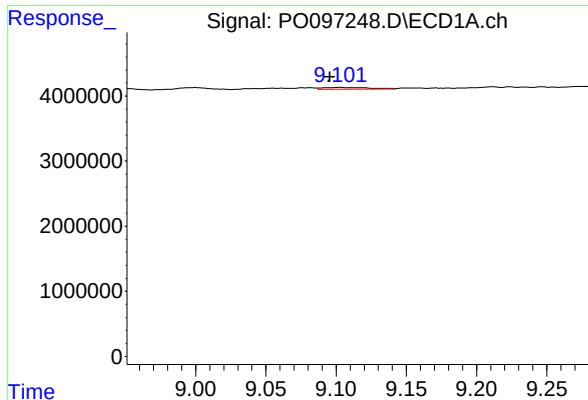
#42 AR-1268-2

R.T.: 8.865 min
Delta R.T.: 0.010 min
Response: 723427
Conc: 2.64 ng/ml



#42 AR-1268-2

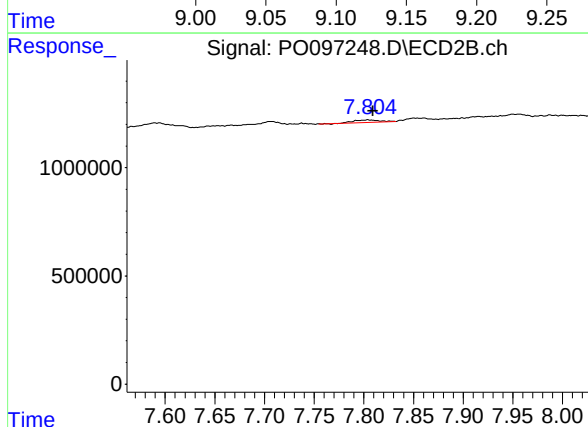
R.T.: 7.594 min
Delta R.T.: -0.010 min
Response: 467936
Conc: 2.79 ng/ml



#43 AR-1268-3

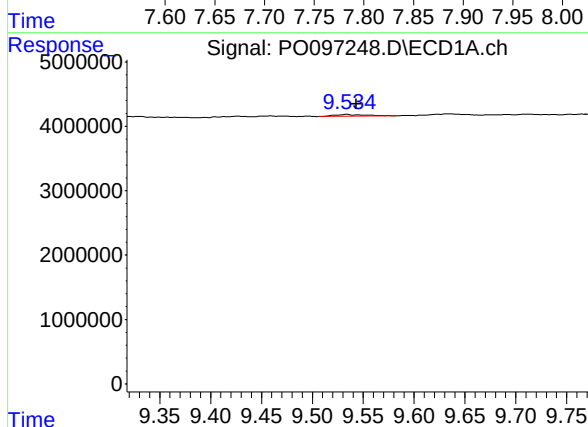
R.T.: 9.102 min
Delta R.T.: 0.007 min
Response: 608175
Conc: 2.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



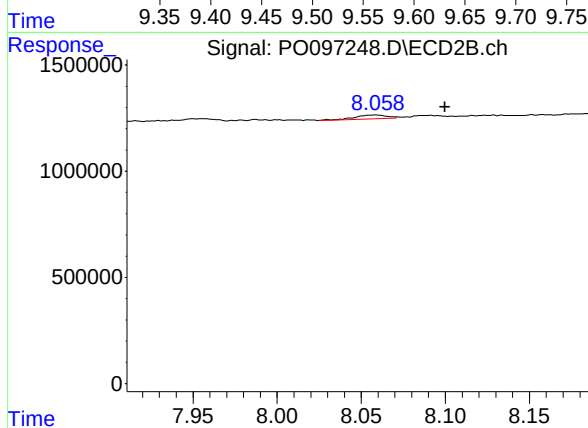
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: -0.005 min
Response: 215394
Conc: 1.49 ng/ml



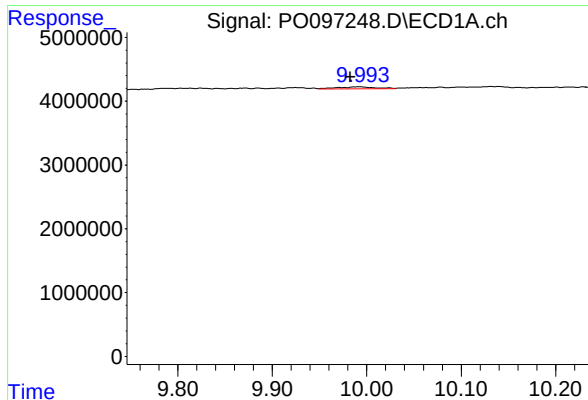
#44 AR-1268-4

R.T.: 9.534 min
Delta R.T.: -0.009 min
Response: 617165
Conc: 6.66 ng/ml



#44 AR-1268-4

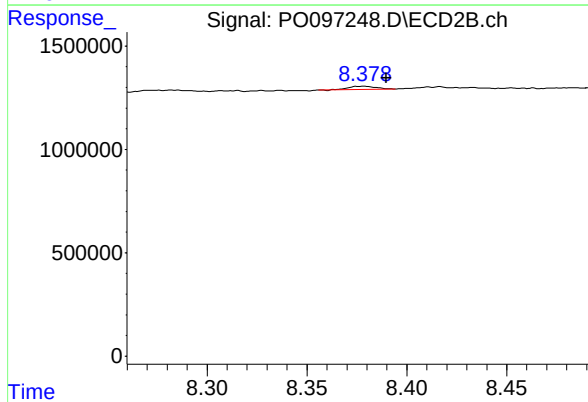
R.T.: 8.059 min
Delta R.T.: -0.041 min
Response: 241099
Conc: 4.05 ng/ml



#45 AR-1268-5

R.T.: 9.993 min
Delta R.T.: 0.010 min
Response: 805988
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.011 min
Response: 147406
Conc: 0.35 ng/ml