

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110623\
 Data File : P0099436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2023 00:53
 Operator : YP/AJ
 Sample : 05244-16
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 02:44:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.467	3.624	21380216	7406117	10.820	10.291
2)	SA Decachlor...	10.263	8.614	10441157	4398011	9.217	8.197
Target Compounds							
3)	L1 AR-1016-1	5.663	4.714	251769	462396	4.572	20.648 #
4)	L1 AR-1016-2	5.663	4.745	251769	116735	3.045	3.735
5)	L1 AR-1016-3	5.733	4.895	141455	230756	2.748	13.628 #
6)	L1 AR-1016-4	5.839	4.939	-264736	272420	N.D.	18.842 #
7)	L1 AR-1016-5	6.121	5.147	366946	140920	8.646	7.543
8)	L2 AR-1221-1	4.677	3.828	2937574	1271373	118.316	136.855
9)	L2 AR-1221-2	4.773	3.922	559863	1782156	30.264	274.866 #
10)	L2 AR-1221-3	4.859	3.996	6512688	1294838	120.212	64.015 #
11)	L3 AR-1232-1	4.859	3.996	6512688	1294838	142.361	75.538 #
12)	L3 AR-1232-2	5.352	4.745	3085100	116735	130.644	7.620 #
13)	L3 AR-1232-3	5.663	4.895	251769	230756	6.375	28.839 #
14)	L3 AR-1232-4	5.839	4.999	-264736	120414	N.D.	15.651 #
15)	L3 AR-1232-5	5.920	5.147	581287	140920	34.895	16.568 #
16)	L4 AR-1242-1	5.663	4.714	251769	462396	5.816	26.318 #
17)	L4 AR-1242-2	5.663	4.745	251769	116735	3.931	4.817
18)	L4 AR-1242-3	5.733	4.895	141455	230756	3.517	17.999 #
19)	L4 AR-1242-4	5.839	4.999	-264736	120414	N.D.	8.554 #
20)	L4 AR-1242-5	6.568	5.505	1100002	1431261	35.658	85.647 #
21)	L5 AR-1248-1	5.663	4.714	251769	462396	7.411	33.362 #
22)	L5 AR-1248-2	5.920	4.939	581287	272420	11.107	13.715
23)	L5 AR-1248-3	6.121	4.999	366946	120414	6.440	5.774
24)	L5 AR-1248-4	6.560	5.147	446026	140920	8.179	5.732 #
25)	L5 AR-1248-5	6.568	5.539	1100002	910012	19.364	41.900 #
26)	L6 AR-1254-1	6.504	5.505	3877167	1431261	58.899	40.393 #
27)	L6 AR-1254-2	6.720	5.650	3711263	1447149	38.551	45.245
28)	L6 AR-1254-3	7.086	6.053	3790480	2143201	42.407	43.839
29)	L6 AR-1254-4	7.370	6.281	1448567	923522	26.442	35.240 #
30)	L6 AR-1254-5	7.791	6.698	4134370	1527965	61.400	36.247 #
31)	L7 AR-1260-1	7.249	6.183	1082626	1751818	15.108	49.661 #
32)	L7 AR-1260-2	7.503	6.371	3843734	889433	48.718	22.188 #
33)	L7 AR-1260-3	7.866	6.523	745583	949861	13.652	25.120 #
34)	L7 AR-1260-4	8.078	6.995	1726127	290334	27.549	10.047 #
35)	L7 AR-1260-5	8.417	7.238	1348669	795348	12.603	13.216
36)	L8 AR-1262-1	7.866	6.734	745583	457958	8.237	9.760
37)	L8 AR-1262-2	8.417	6.995	1348669	290334	10.117	6.993 #
38)	L8 AR-1262-3	8.748	7.522	749286	252981	7.620	7.919
39)	L8 AR-1262-4	8.824	7.584	510828	573812	6.377	10.437 #
40)	L8 AR-1262-5	9.497	8.080	120402	100570	2.740	4.005 #
41)	L9 AR-1268-1	8.748	7.522	749286	252981	4.350	2.836 #

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 Quant Time: Nov 07 02:44:35 2023
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 QLast Update : Wed Oct 25 06:04:36 2023
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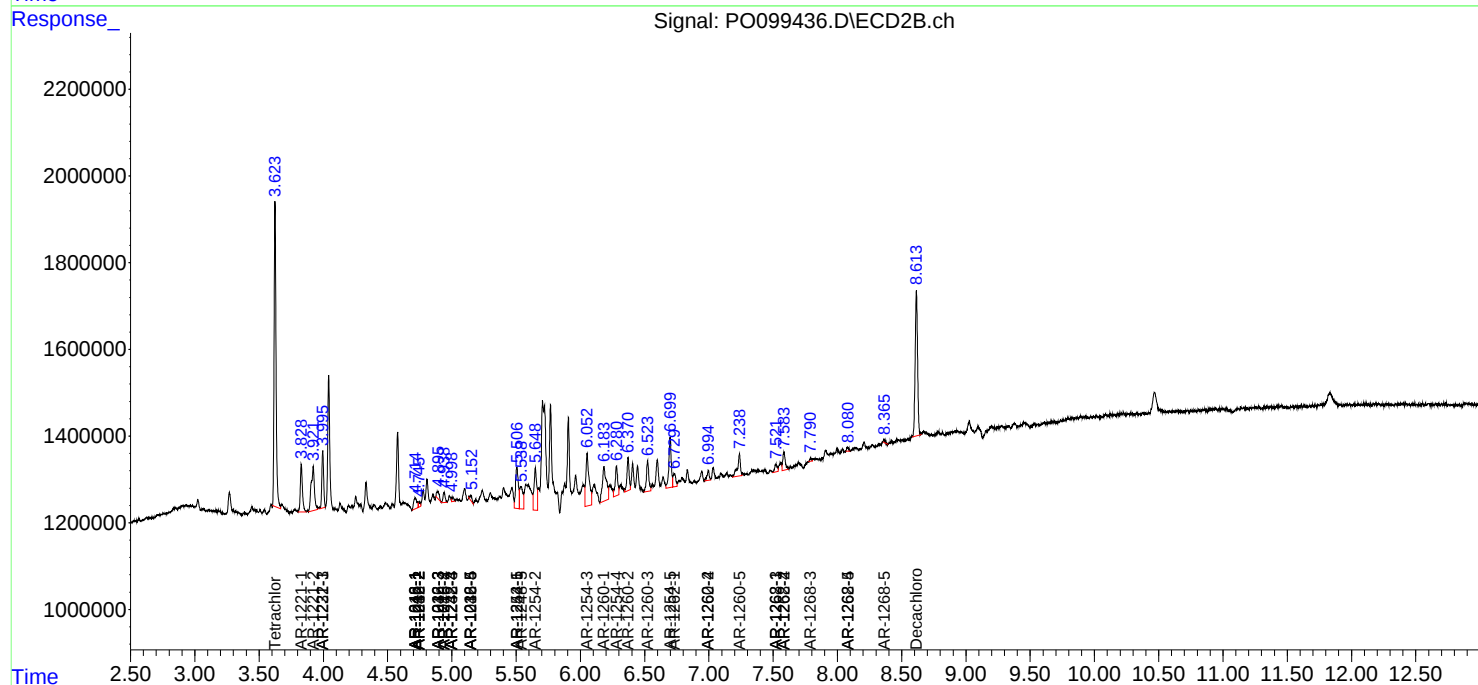
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

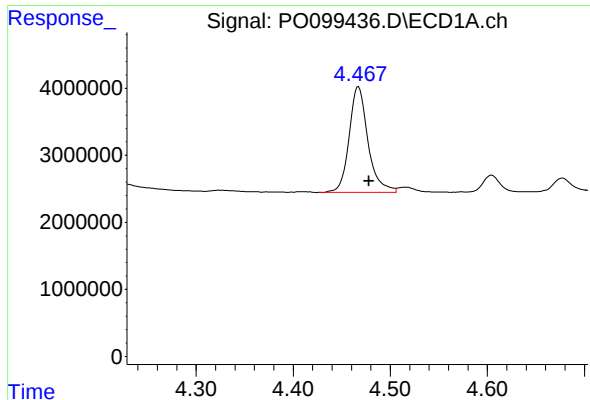
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.824	7.584	510828	573812	3.258	7.267 #
43) L9	AR-1268-3	9.075	7.790	55129	71820	0.393	1.020 #
44) L9	AR-1268-4	9.497	8.080	120402	100570	2.401	3.649 #
45) L9	AR-1268-5	9.925	8.364	388376	62001	0.949	0.325 #

(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

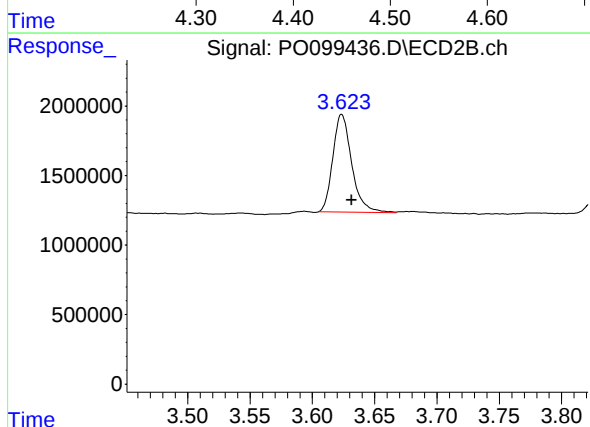




#1 Tetrachloro-m-xylene

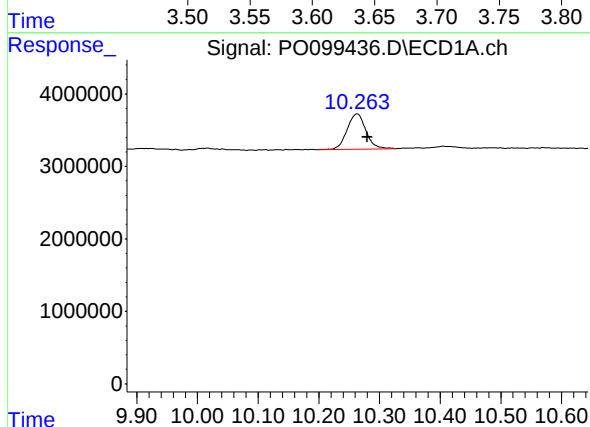
R.T.: 4.467 min
Delta R.T.: -0.011 min
Response: 21380216
Conc: 10.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



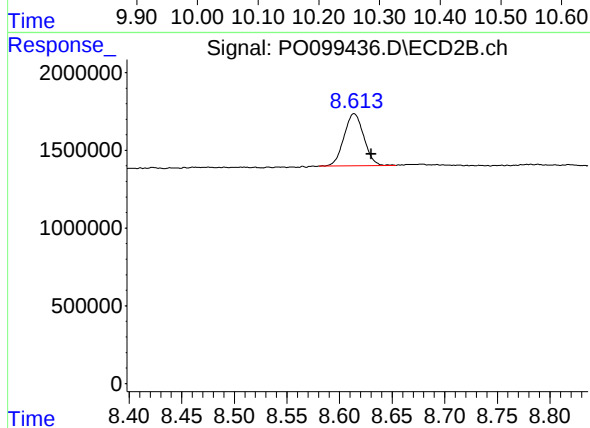
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.008 min
Response: 7406117
Conc: 10.29 ng/ml



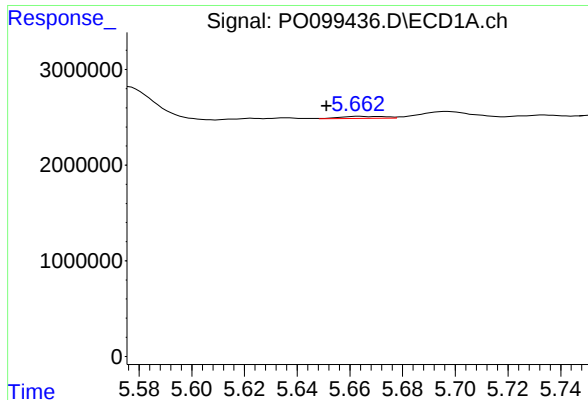
#2 Decachlorobiphenyl

R.T.: 10.263 min
Delta R.T.: -0.017 min
Response: 10441157
Conc: 9.22 ng/ml



#2 Decachlorobiphenyl

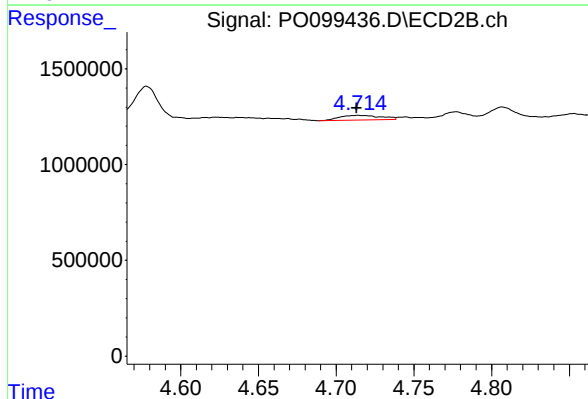
R.T.: 8.614 min
Delta R.T.: -0.016 min
Response: 4398011
Conc: 8.20 ng/ml



#3 AR-1016-1

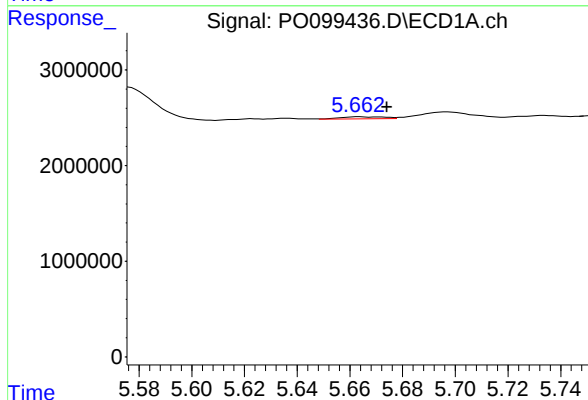
R.T.: 5.663 min
Delta R.T.: 0.012 min
Response: 251769
Conc: 4.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



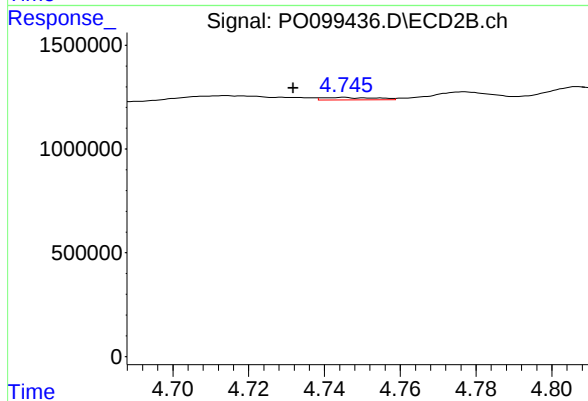
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: 0.001 min
Response: 462396
Conc: 20.65 ng/ml



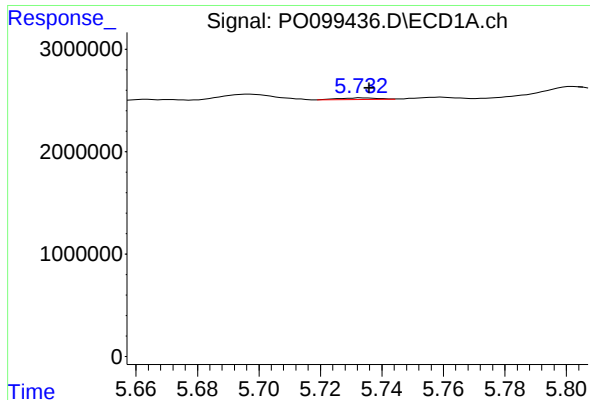
#4 AR-1016-2

R.T.: 5.663 min
Delta R.T.: -0.011 min
Response: 251769
Conc: 3.04 ng/ml



#4 AR-1016-2

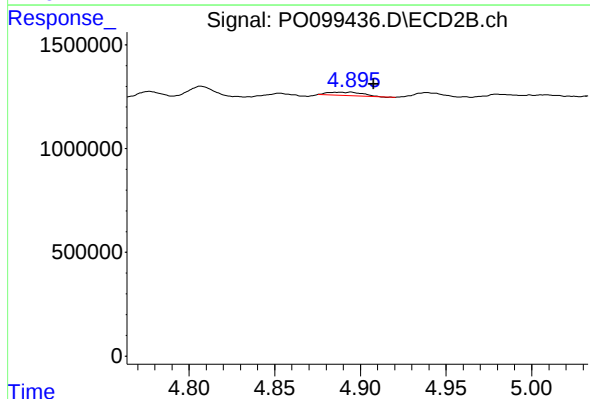
R.T.: 4.745 min
Delta R.T.: 0.013 min
Response: 116735
Conc: 3.73 ng/ml



#5 AR-1016-3

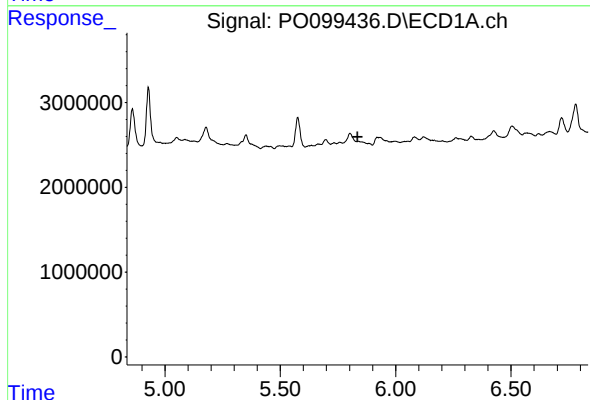
R.T.: 5.733 min
Delta R.T.: -0.002 min
Response: 141455
Conc: 2.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



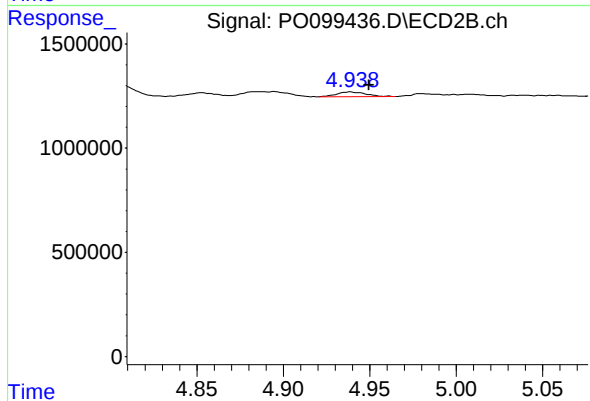
#5 AR-1016-3

R.T.: 4.895 min
Delta R.T.: -0.013 min
Response: 230756
Conc: 13.63 ng/ml



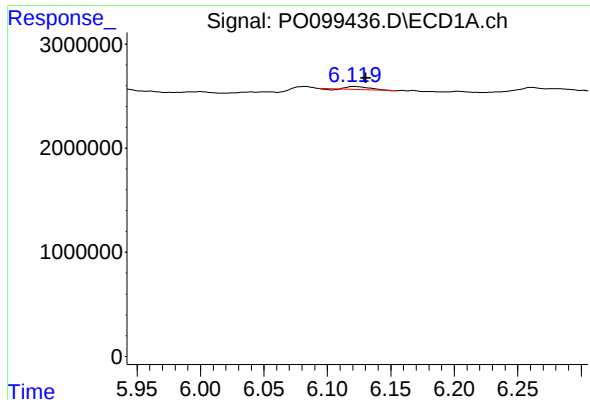
#6 AR-1016-4

R.T.: 5.839 min
Delta R.T.: 0.004 min
Response: -264736
Conc: N.D.



#6 AR-1016-4

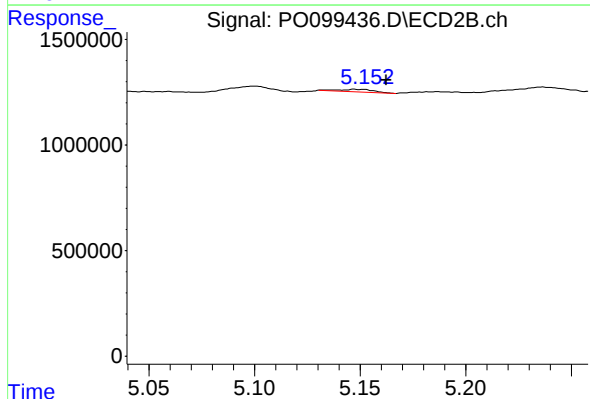
R.T.: 4.939 min
Delta R.T.: -0.011 min
Response: 272420
Conc: 18.84 ng/ml



#7 AR-1016-5

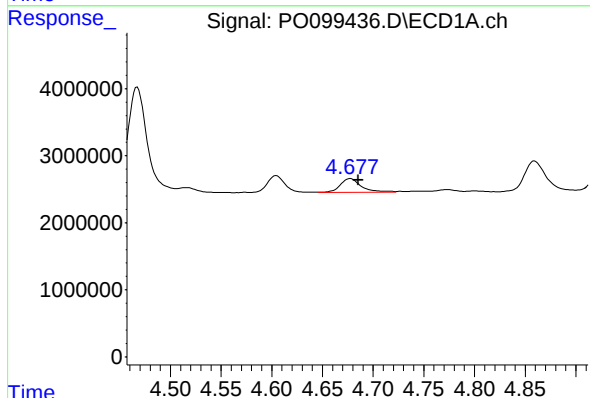
R.T.: 6.121 min
Delta R.T.: -0.010 min
Response: 366946
Conc: 8.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



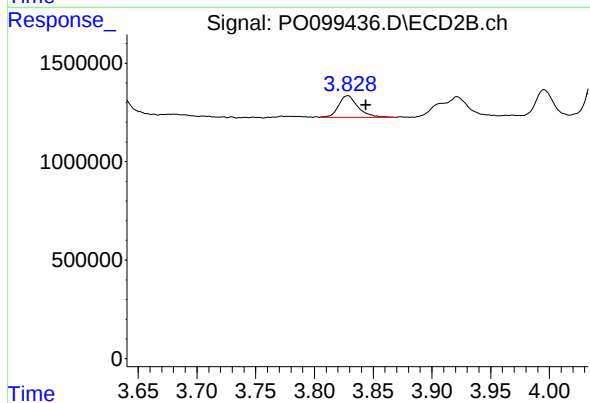
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.015 min
Response: 140920
Conc: 7.54 ng/ml



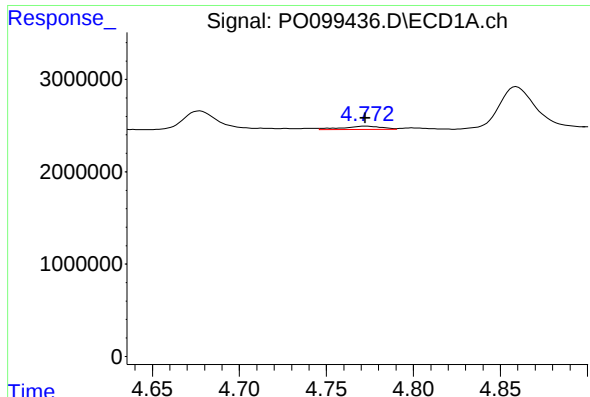
#8 AR-1221-1

R.T.: 4.677 min
Delta R.T.: -0.008 min
Response: 2937574
Conc: 118.32 ng/ml



#8 AR-1221-1

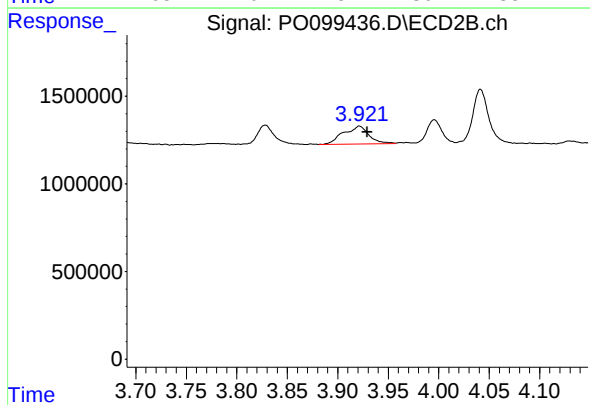
R.T.: 3.828 min
Delta R.T.: -0.016 min
Response: 1271373
Conc: 136.86 ng/ml



#9 AR-1221-2

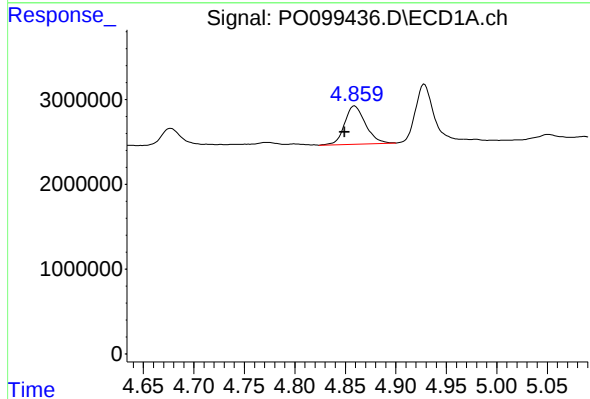
R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 559863
Conc: 30.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



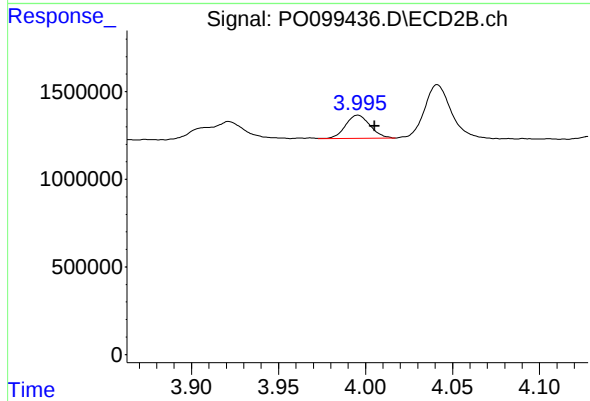
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.008 min
Response: 1782156
Conc: 274.87 ng/ml



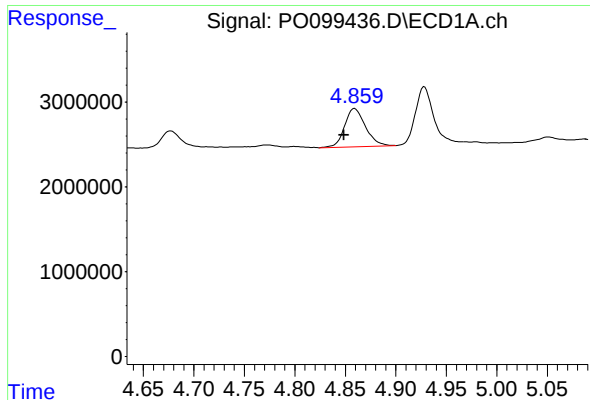
#10 AR-1221-3

R.T.: 4.859 min
Delta R.T.: 0.010 min
Response: 6512688
Conc: 120.21 ng/ml



#10 AR-1221-3

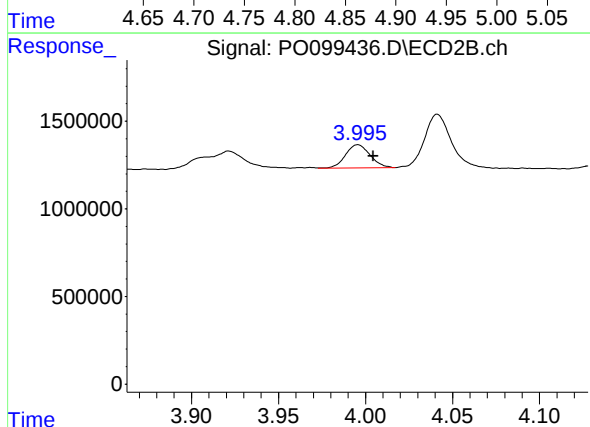
R.T.: 3.996 min
Delta R.T.: -0.010 min
Response: 1294838
Conc: 64.01 ng/ml



#11 AR-1232-1

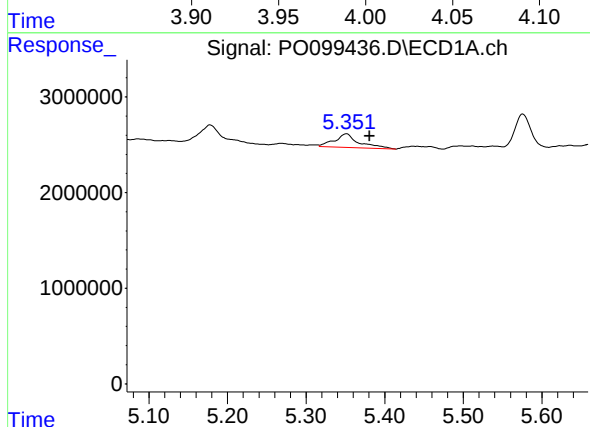
R.T.: 4.859 min
Delta R.T.: 0.010 min
Response: 6512688
Conc: 142.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



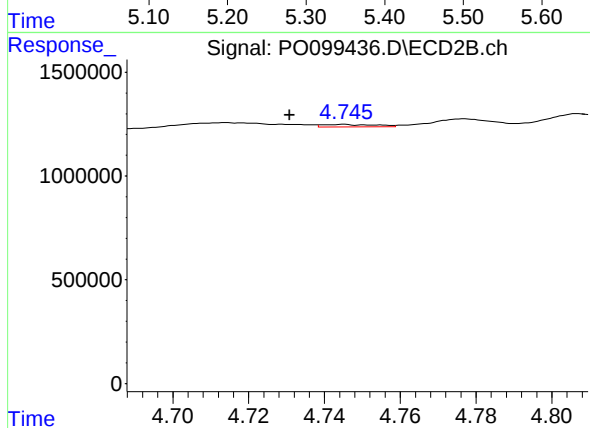
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: -0.009 min
Response: 1294838
Conc: 75.54 ng/ml



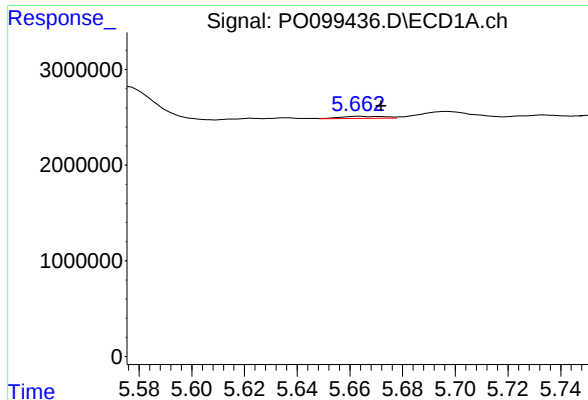
#12 AR-1232-2

R.T.: 5.352 min
Delta R.T.: -0.030 min
Response: 3085100
Conc: 130.64 ng/ml



#12 AR-1232-2

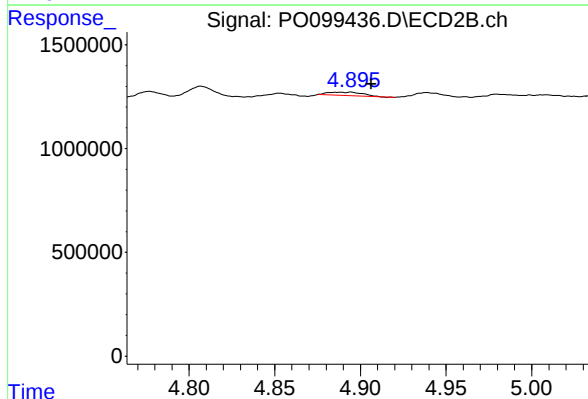
R.T.: 4.745 min
Delta R.T.: 0.014 min
Response: 116735
Conc: 7.62 ng/ml



#13 AR-1232-3

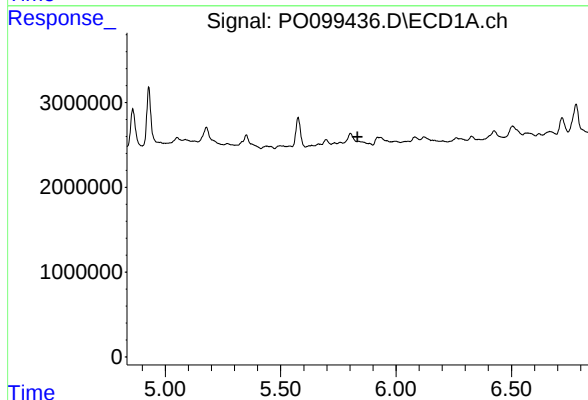
R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 251769
Conc: 6.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



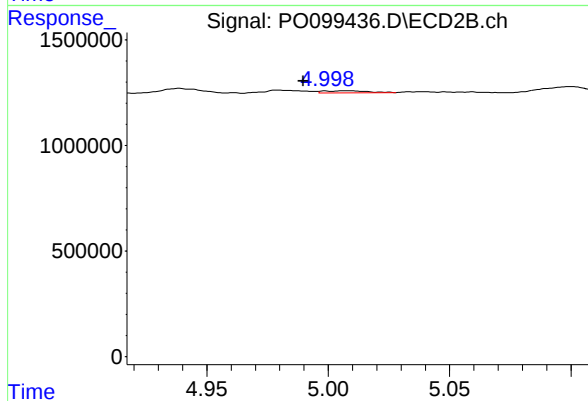
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: -0.012 min
Response: 230756
Conc: 28.84 ng/ml



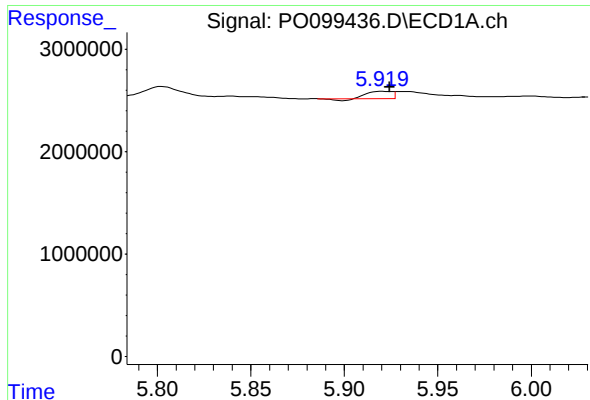
#14 AR-1232-4

R.T.: 5.839 min
Delta R.T.: 0.006 min
Response: -264736
Conc: N.D.



#14 AR-1232-4

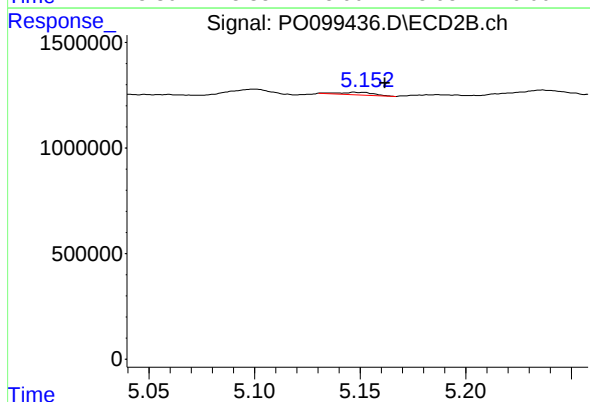
R.T.: 4.999 min
Delta R.T.: 0.009 min
Response: 120414
Conc: 15.65 ng/ml



#15 AR-1232-5

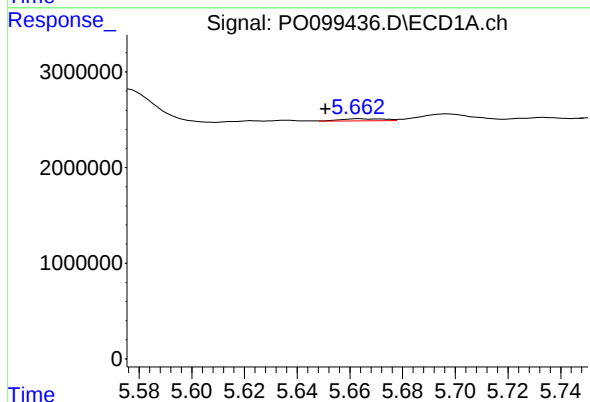
R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 581287
Conc: 34.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



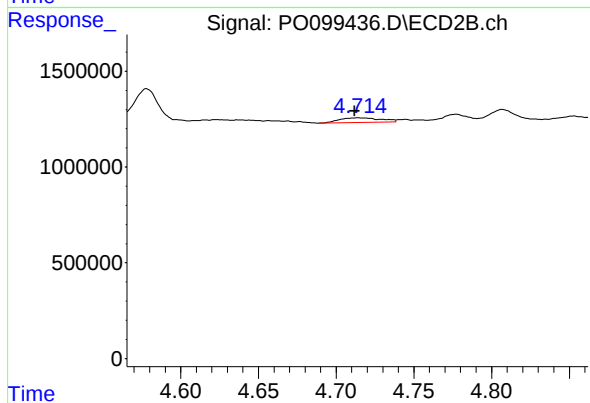
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.014 min
Response: 140920
Conc: 16.57 ng/ml



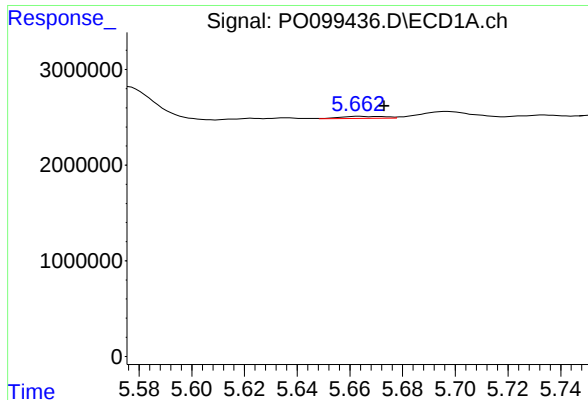
#16 AR-1242-1

R.T.: 5.663 min
Delta R.T.: 0.013 min
Response: 251769
Conc: 5.82 ng/ml



#16 AR-1242-1

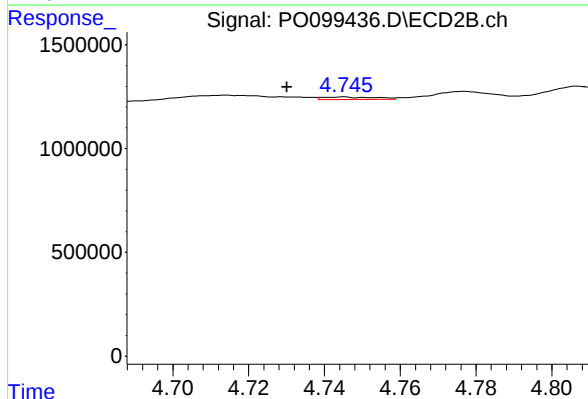
R.T.: 4.714 min
Delta R.T.: 0.002 min
Response: 462396
Conc: 26.32 ng/ml



#17 AR-1242-2

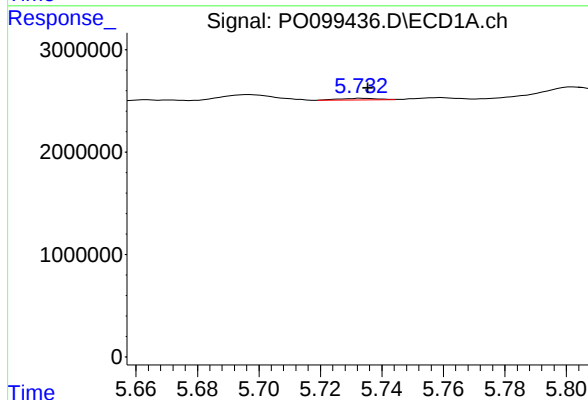
R.T.: 5.663 min
Delta R.T.: -0.010 min
Response: 251769
Conc: 3.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



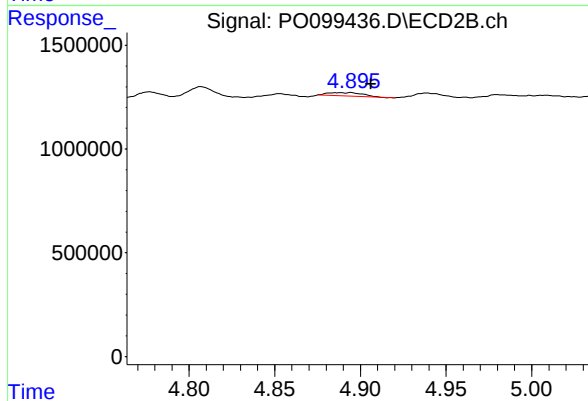
#17 AR-1242-2

R.T.: 4.745 min
Delta R.T.: 0.015 min
Response: 116735
Conc: 4.82 ng/ml



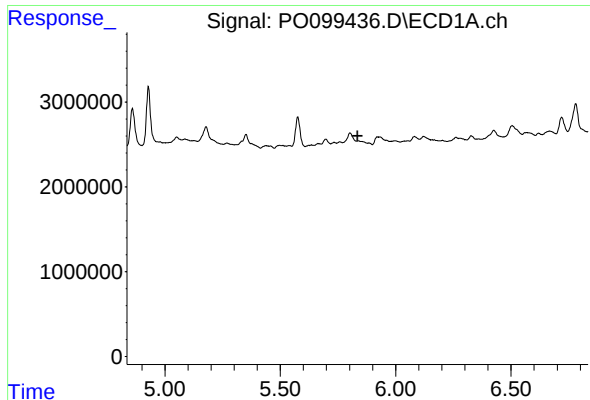
#18 AR-1242-3

R.T.: 5.733 min
Delta R.T.: -0.002 min
Response: 141455
Conc: 3.52 ng/ml



#18 AR-1242-3

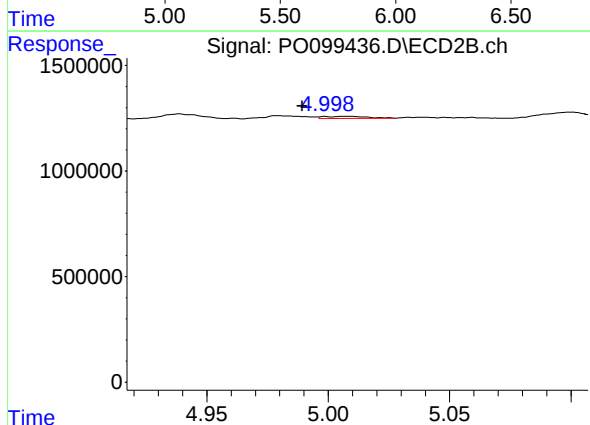
R.T.: 4.895 min
Delta R.T.: -0.012 min
Response: 230756
Conc: 18.00 ng/ml



#19 AR-1242-4

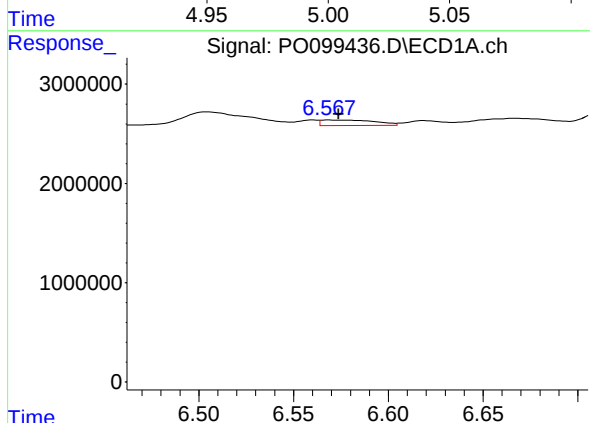
R.T.: 5.839 min
Delta R.T.: 0.005 min
Response: -264736
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



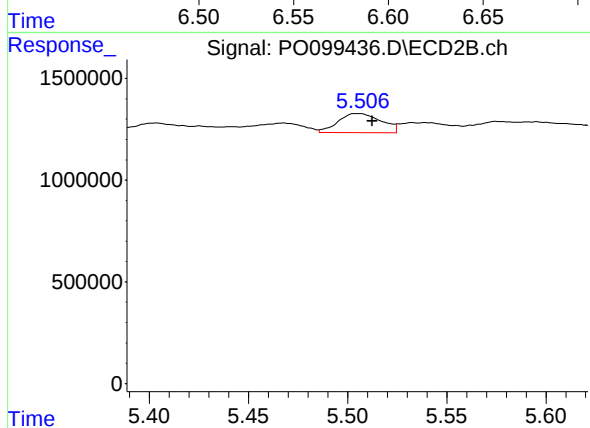
#19 AR-1242-4

R.T.: 4.999 min
Delta R.T.: 0.010 min
Response: 120414
Conc: 8.55 ng/ml



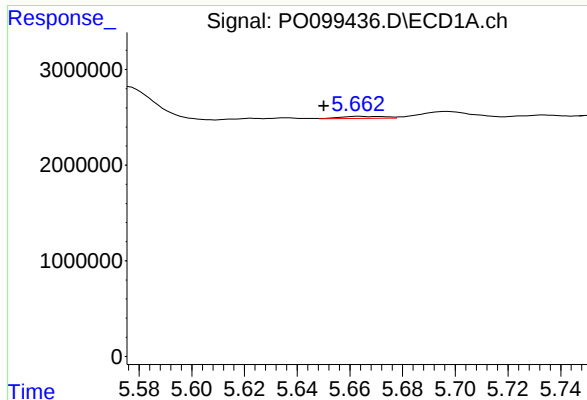
#20 AR-1242-5

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 1100002
Conc: 35.66 ng/ml



#20 AR-1242-5

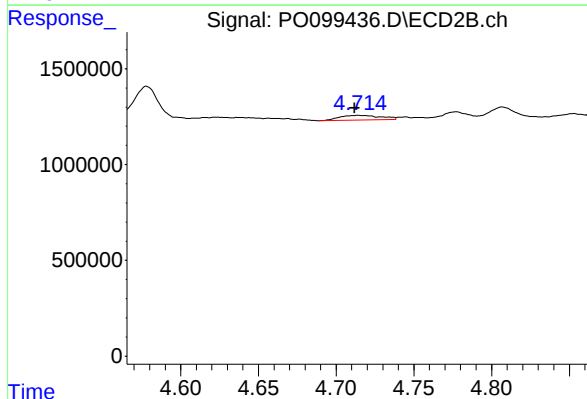
R.T.: 5.505 min
Delta R.T.: -0.007 min
Response: 1431261
Conc: 85.65 ng/ml



#21 AR-1248-1

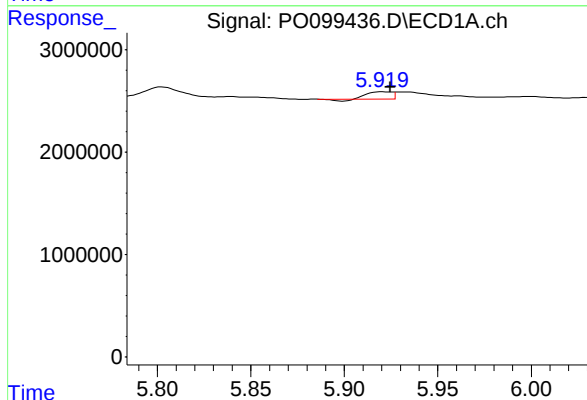
R.T.: 5.663 min
Delta R.T.: 0.013 min
Response: 251769
Conc: 7.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



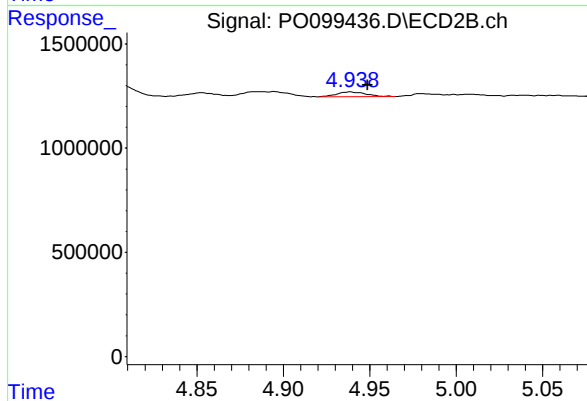
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: 0.002 min
Response: 462396
Conc: 33.36 ng/ml



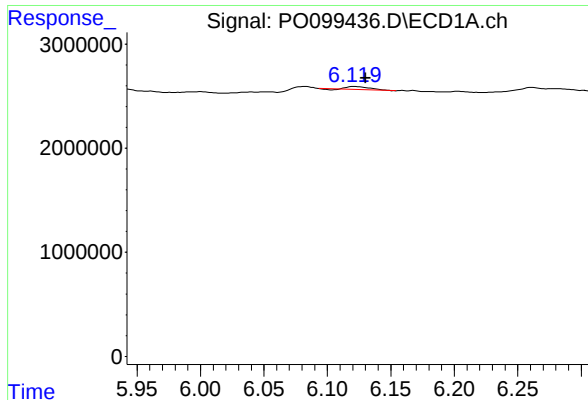
#22 AR-1248-2

R.T.: 5.920 min
Delta R.T.: -0.005 min
Response: 581287
Conc: 11.11 ng/ml



#22 AR-1248-2

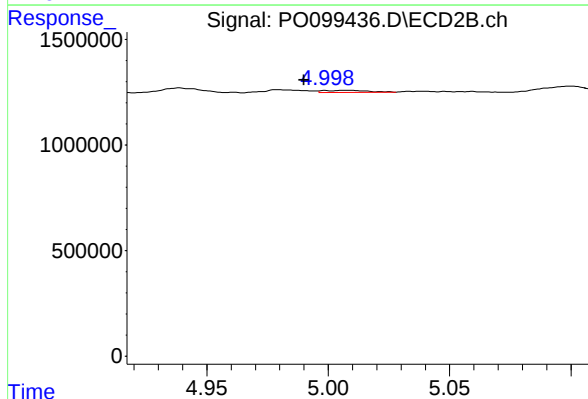
R.T.: 4.939 min
Delta R.T.: -0.010 min
Response: 272420
Conc: 13.71 ng/ml



#23 AR-1248-3

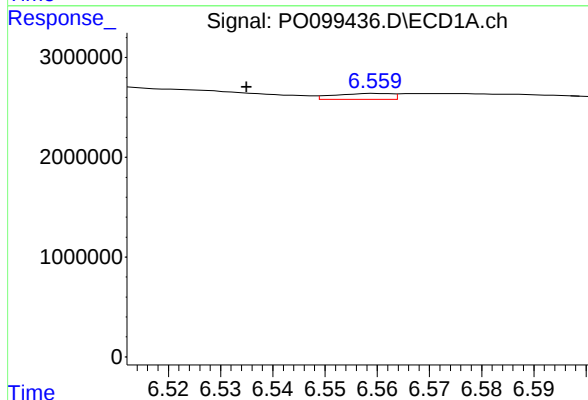
R.T.: 6.121 min
Delta R.T.: -0.009 min
Response: 366946
Conc: 6.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



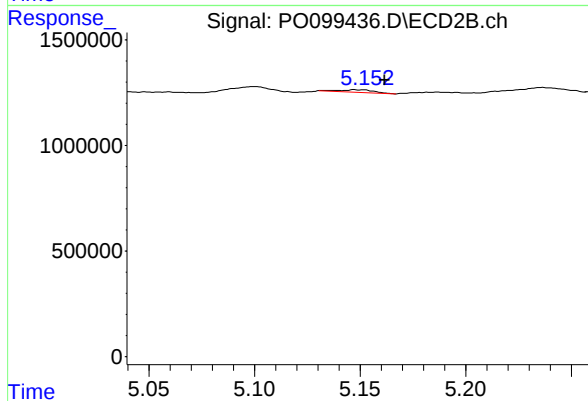
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: 0.009 min
Response: 120414
Conc: 5.77 ng/ml



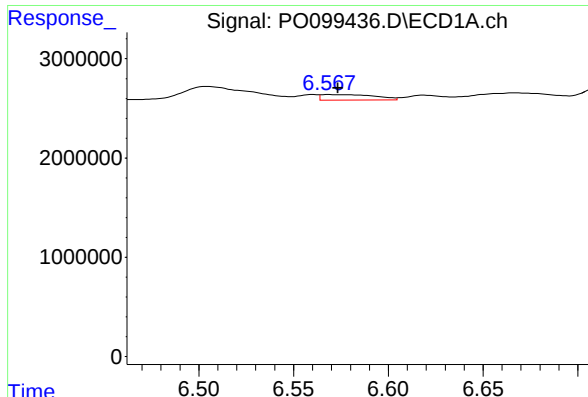
#24 AR-1248-4

R.T.: 6.560 min
Delta R.T.: 0.025 min
Response: 446026
Conc: 8.18 ng/ml



#24 AR-1248-4

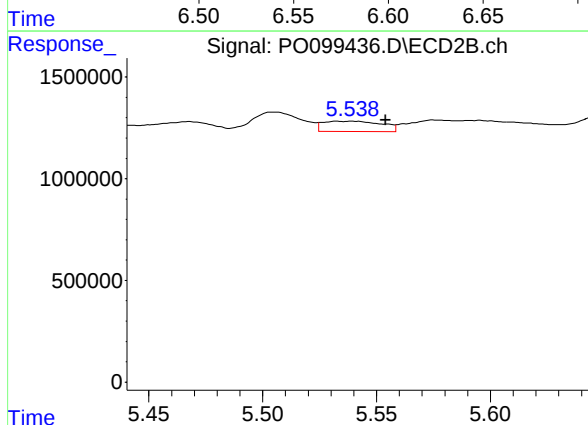
R.T.: 5.147 min
Delta R.T.: -0.014 min
Response: 140920
Conc: 5.73 ng/ml



#25 AR-1248-5

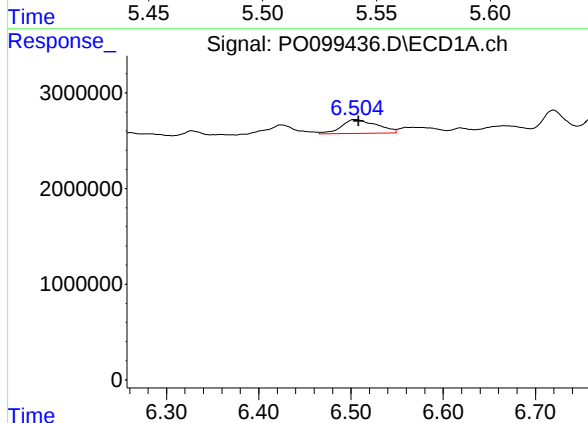
R.T.: 6.568 min
Delta R.T.: -0.005 min
Response: 1100002
Conc: 19.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



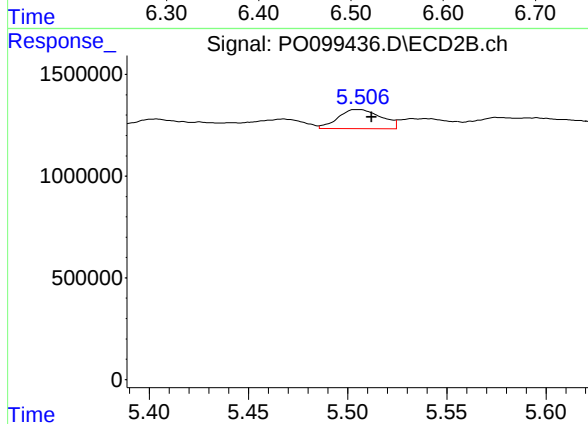
#25 AR-1248-5

R.T.: 5.539 min
Delta R.T.: -0.014 min
Response: 910012
Conc: 41.90 ng/ml



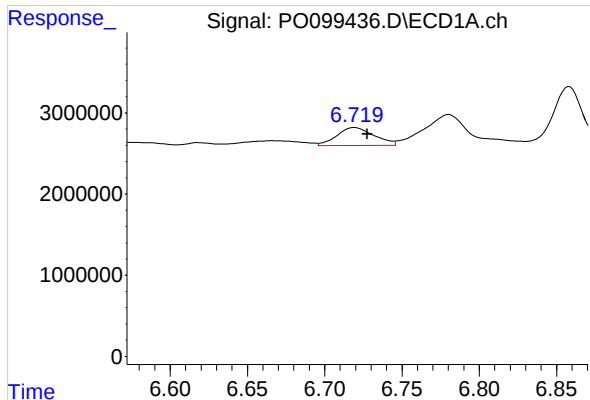
#26 AR-1254-1

R.T.: 6.504 min
Delta R.T.: -0.004 min
Response: 3877167
Conc: 58.90 ng/ml



#26 AR-1254-1

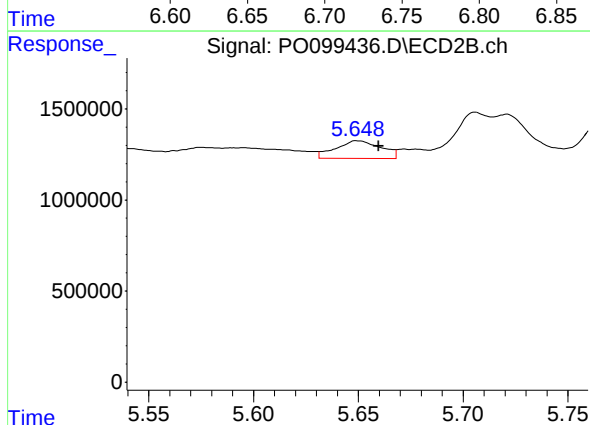
R.T.: 5.505 min
Delta R.T.: -0.007 min
Response: 1431261
Conc: 40.39 ng/ml



#27 AR-1254-2

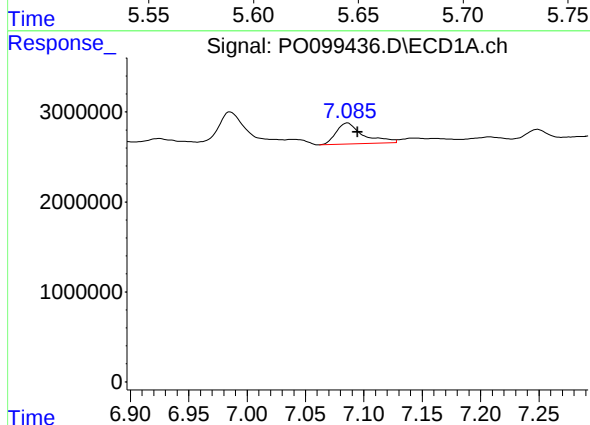
R.T.: 6.720 min
Delta R.T.: -0.008 min
Response: 3711263
Conc: 38.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



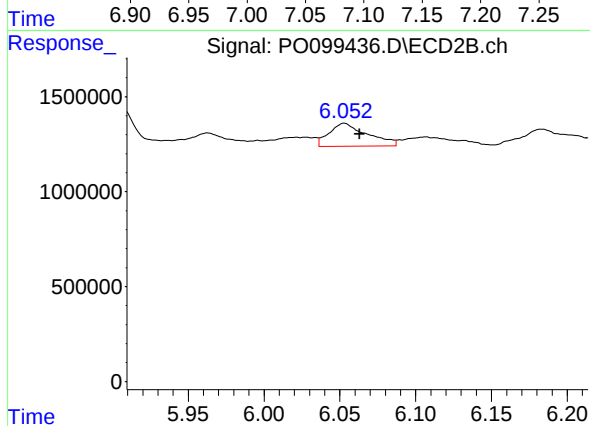
#27 AR-1254-2

R.T.: 5.650 min
Delta R.T.: -0.010 min
Response: 1447149
Conc: 45.25 ng/ml



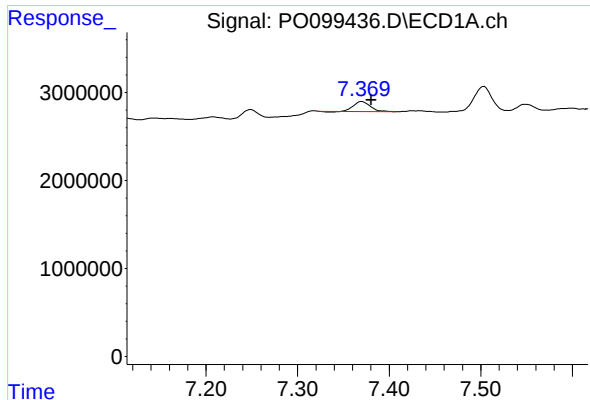
#28 AR-1254-3

R.T.: 7.086 min
Delta R.T.: -0.009 min
Response: 3790480
Conc: 42.41 ng/ml



#28 AR-1254-3

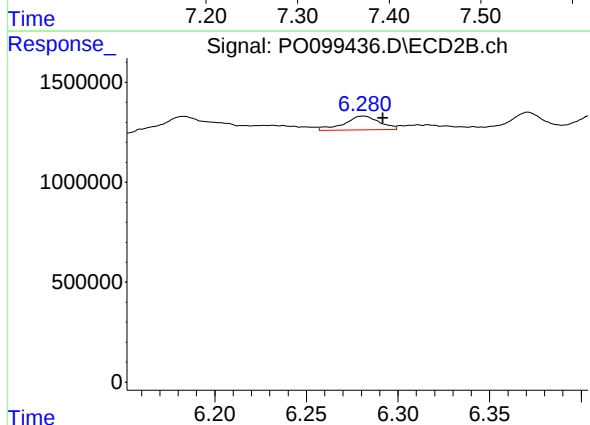
R.T.: 6.053 min
Delta R.T.: -0.010 min
Response: 2143201
Conc: 43.84 ng/ml



#29 AR-1254-4

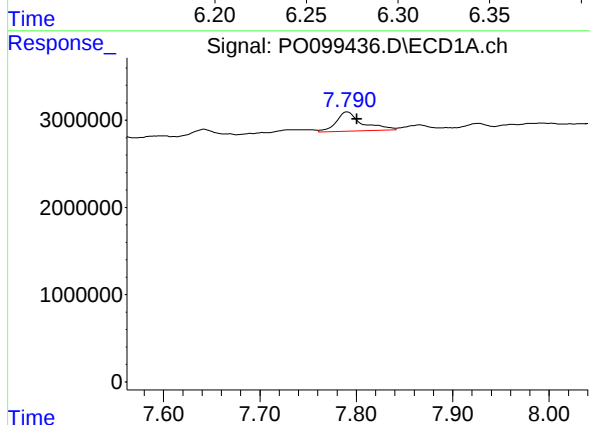
R.T.: 7.370 min
Delta R.T.: -0.010 min
Response: 1448567
Conc: 26.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



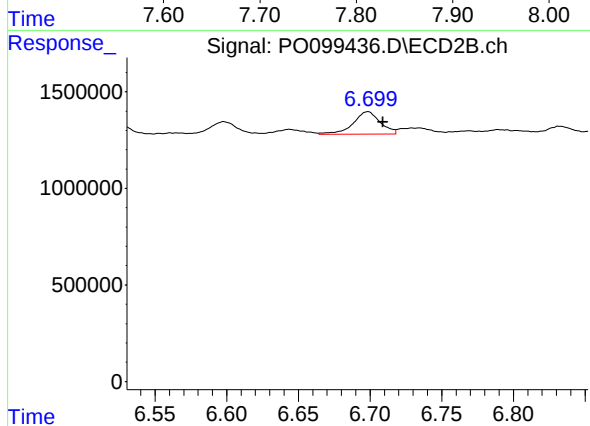
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.011 min
Response: 923522
Conc: 35.24 ng/ml



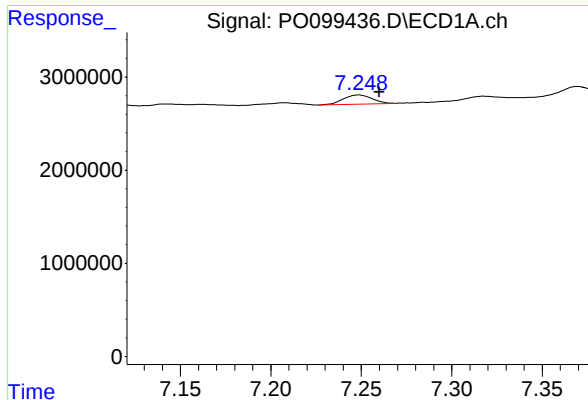
#30 AR-1254-5

R.T.: 7.791 min
Delta R.T.: -0.010 min
Response: 4134370
Conc: 61.40 ng/ml



#30 AR-1254-5

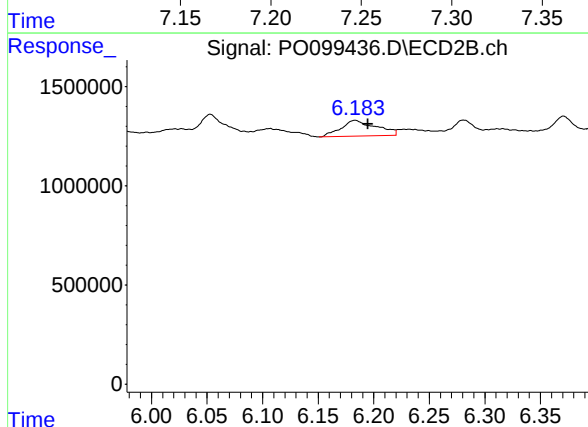
R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 1527965
Conc: 36.25 ng/ml



#31 AR-1260-1

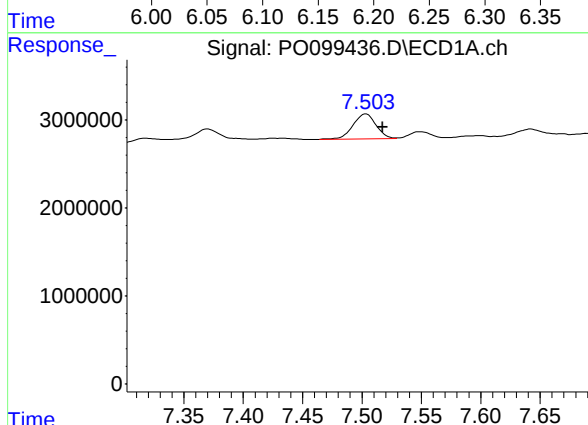
R.T.: 7.249 min
Delta R.T.: -0.011 min
Response: 1082626
Conc: 15.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



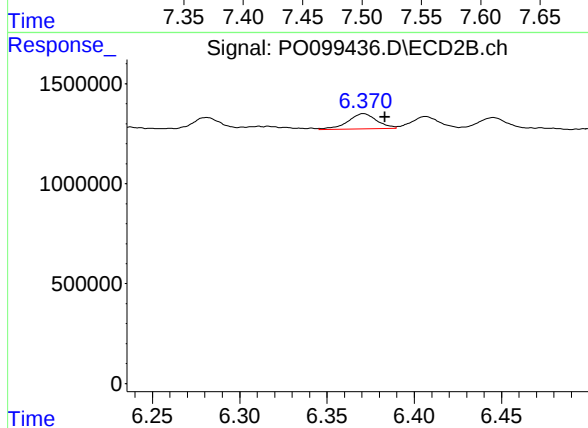
#31 AR-1260-1

R.T.: 6.183 min
Delta R.T.: -0.012 min
Response: 1751818
Conc: 49.66 ng/ml



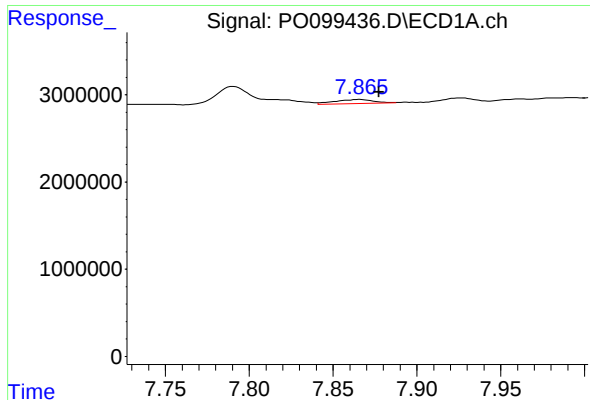
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: -0.014 min
Response: 3843734
Conc: 48.72 ng/ml



#32 AR-1260-2

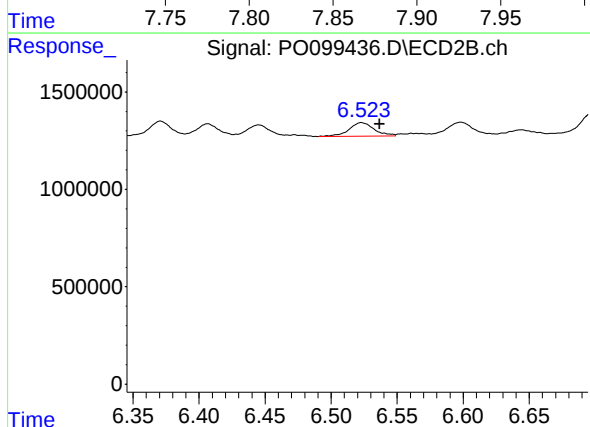
R.T.: 6.371 min
Delta R.T.: -0.012 min
Response: 889433
Conc: 22.19 ng/ml



#33 AR-1260-3

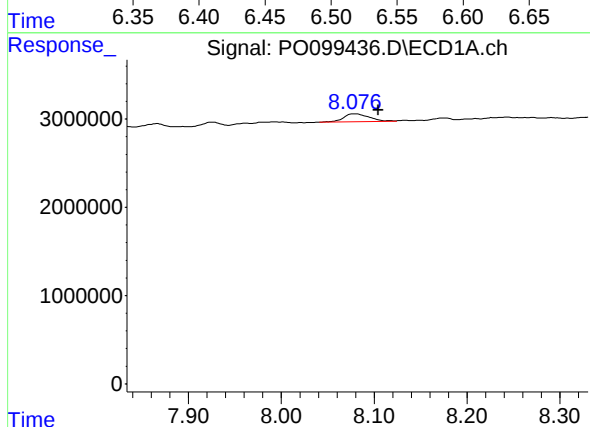
R.T.: 7.866 min
Delta R.T.: -0.011 min
Response: 745583
Conc: 13.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



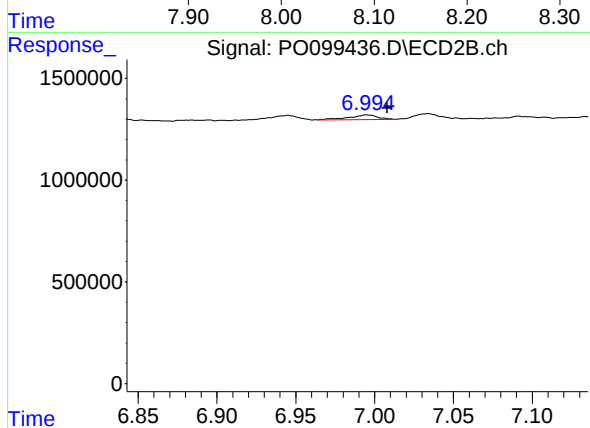
#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.014 min
Response: 949861
Conc: 25.12 ng/ml



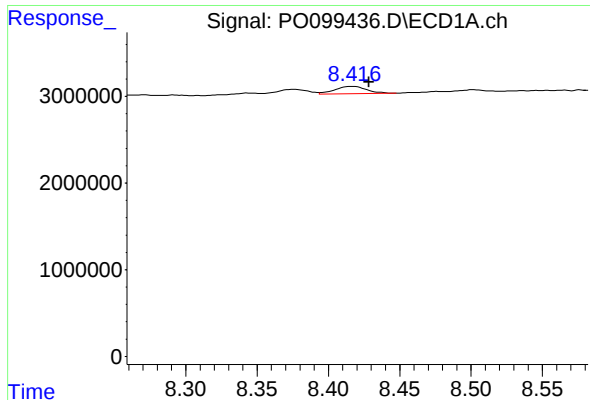
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: -0.026 min
Response: 1726127
Conc: 27.55 ng/ml



#34 AR-1260-4

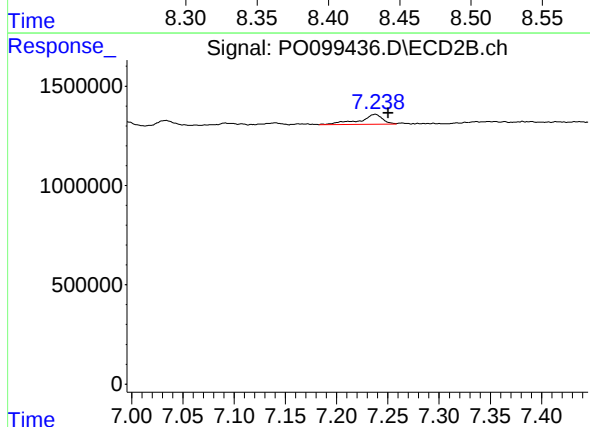
R.T.: 6.995 min
Delta R.T.: -0.013 min
Response: 290334
Conc: 10.05 ng/ml



#35 AR-1260-5

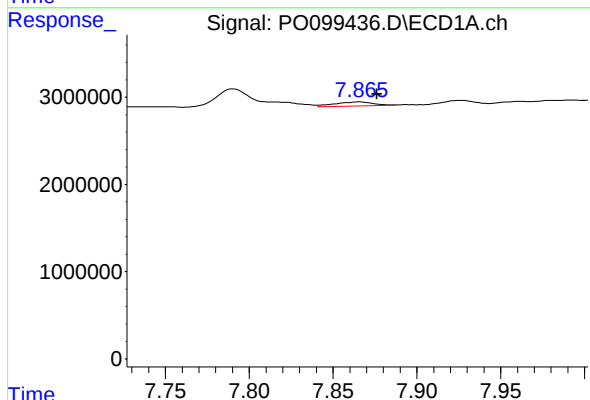
R.T.: 8.417 min
Delta R.T.: -0.011 min
Response: 1348669
Conc: 12.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



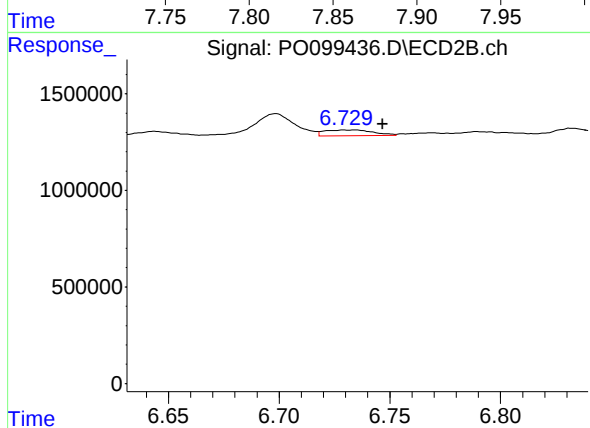
#35 AR-1260-5

R.T.: 7.238 min
Delta R.T.: -0.013 min
Response: 795348
Conc: 13.22 ng/ml



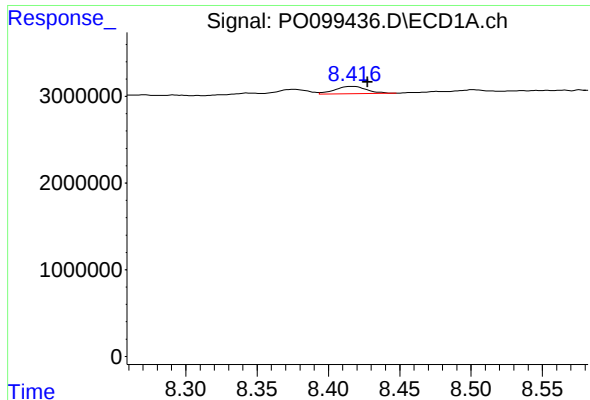
#36 AR-1262-1

R.T.: 7.866 min
Delta R.T.: -0.010 min
Response: 745583
Conc: 8.24 ng/ml



#36 AR-1262-1

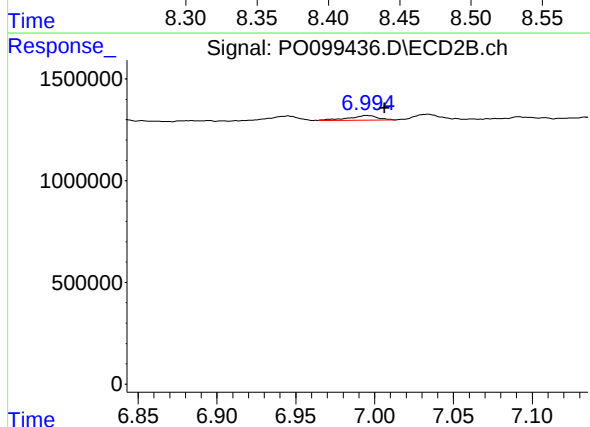
R.T.: 6.734 min
Delta R.T.: -0.013 min
Response: 457958
Conc: 9.76 ng/ml



#37 AR-1262-2

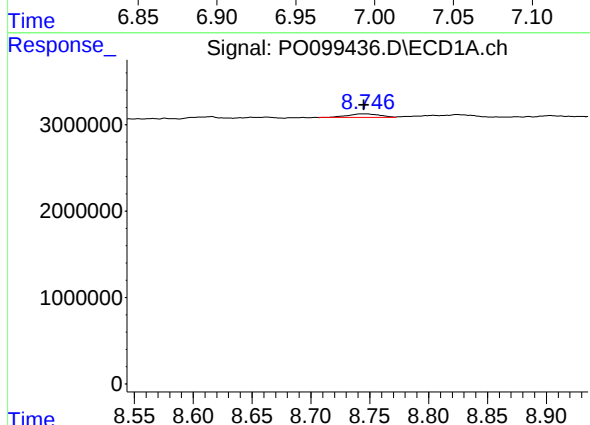
R.T.: 8.417 min
Delta R.T.: -0.010 min
Response: 1348669
Conc: 10.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



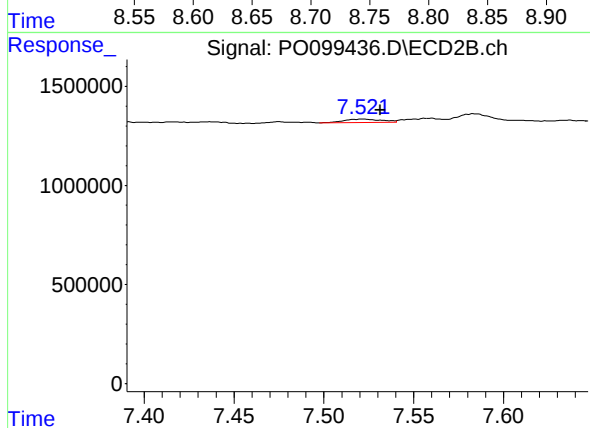
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: -0.011 min
Response: 290334
Conc: 6.99 ng/ml



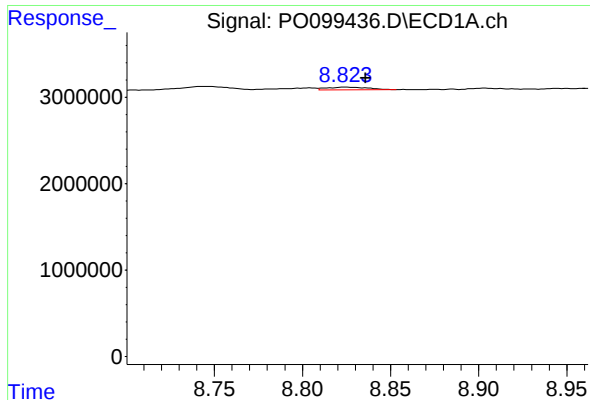
#38 AR-1262-3

R.T.: 8.748 min
Delta R.T.: 0.003 min
Response: 749286
Conc: 7.62 ng/ml



#38 AR-1262-3

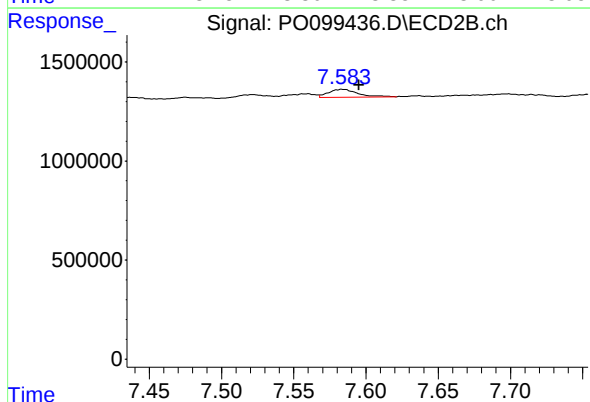
R.T.: 7.522 min
Delta R.T.: -0.010 min
Response: 252981
Conc: 7.92 ng/ml



#39 AR-1262-4

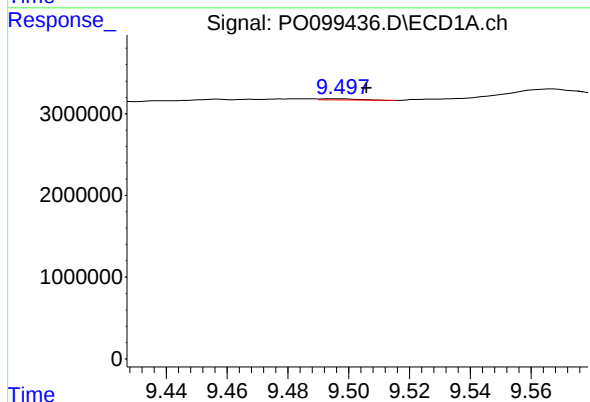
R.T.: 8.824 min
Delta R.T.: -0.012 min
Response: 510828
Conc: 6.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



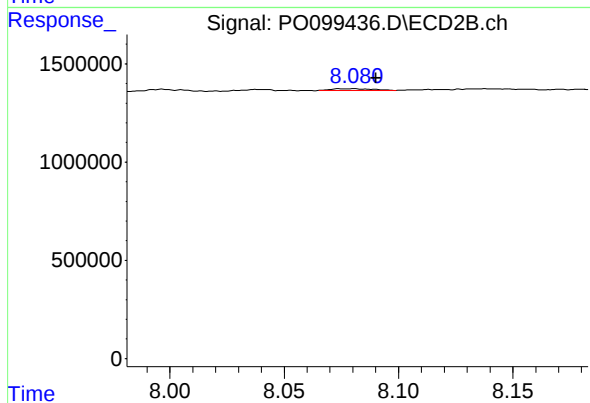
#39 AR-1262-4

R.T.: 7.584 min
Delta R.T.: -0.011 min
Response: 573812
Conc: 10.44 ng/ml



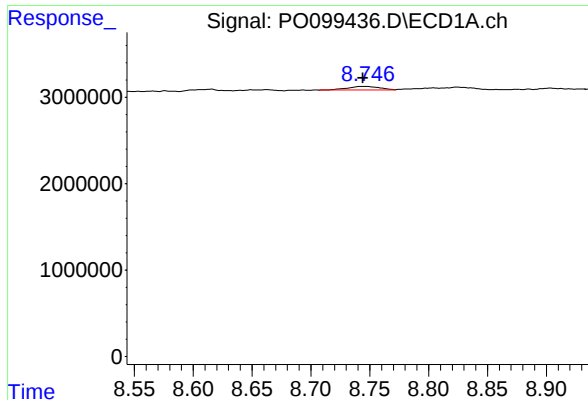
#40 AR-1262-5

R.T.: 9.497 min
Delta R.T.: -0.009 min
Response: 120402
Conc: 2.74 ng/ml



#40 AR-1262-5

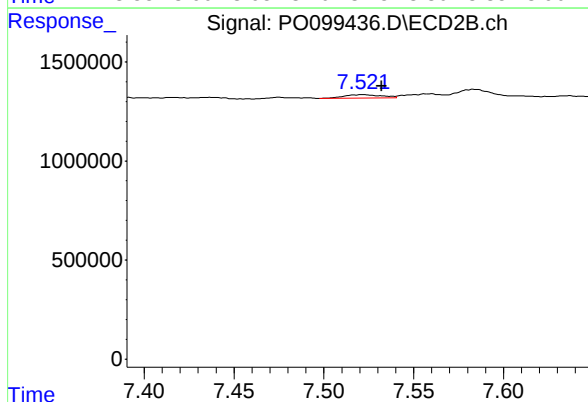
R.T.: 8.080 min
Delta R.T.: -0.010 min
Response: 100570
Conc: 4.00 ng/ml



#41 AR-1268-1

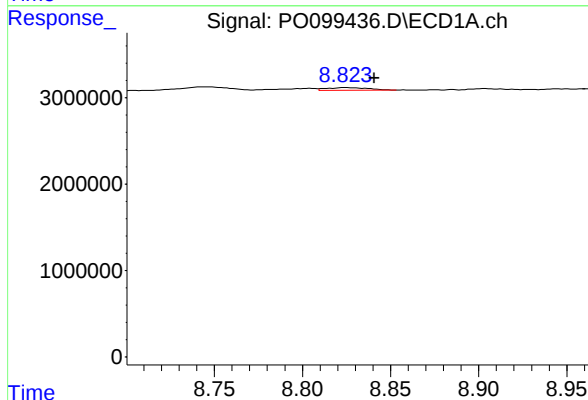
R.T.: 8.748 min
Delta R.T.: 0.003 min
Response: 749286
Conc: 4.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



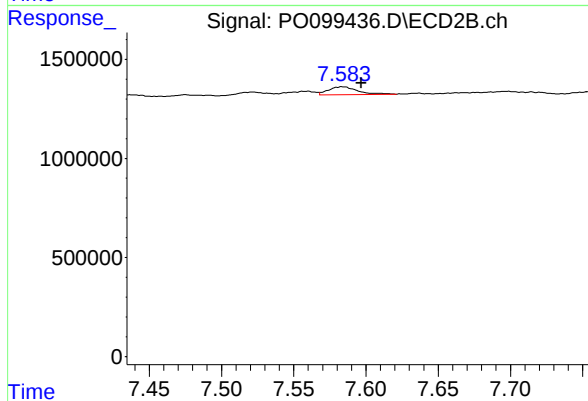
#41 AR-1268-1

R.T.: 7.522 min
Delta R.T.: -0.011 min
Response: 252981
Conc: 2.84 ng/ml



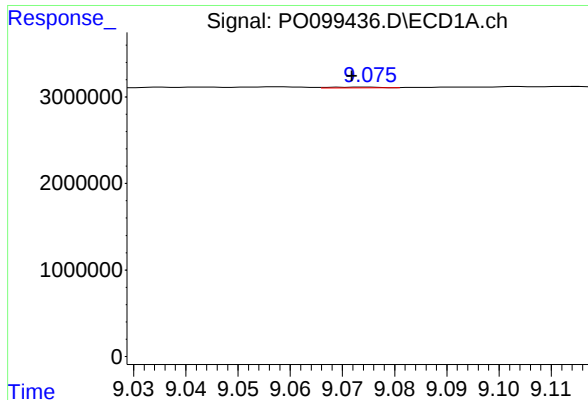
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: -0.017 min
Response: 510828
Conc: 3.26 ng/ml



#42 AR-1268-2

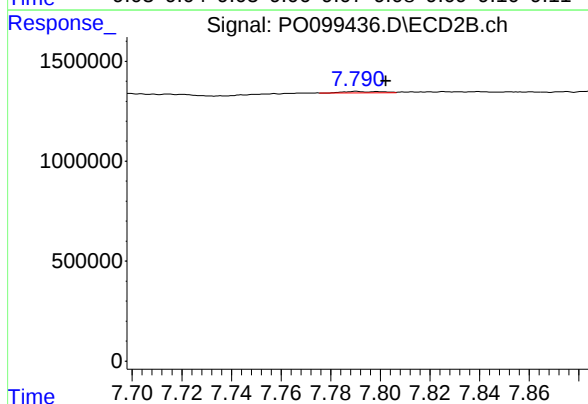
R.T.: 7.584 min
Delta R.T.: -0.013 min
Response: 573812
Conc: 7.27 ng/ml



#43 AR-1268-3

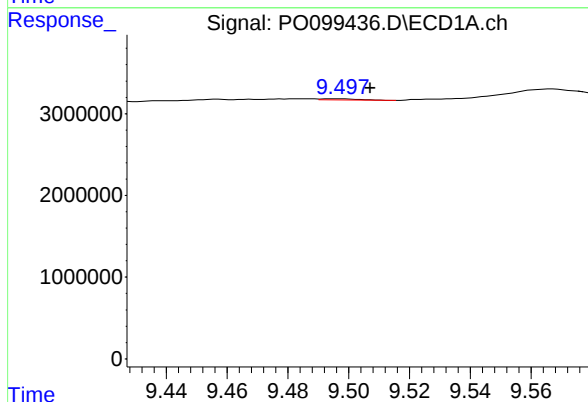
R.T.: 9.075 min
Delta R.T.: 0.003 min
Response: 55129
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



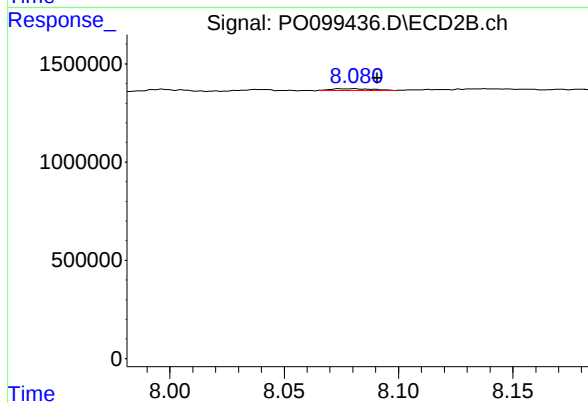
#43 AR-1268-3

R.T.: 7.790 min
Delta R.T.: -0.012 min
Response: 71820
Conc: 1.02 ng/ml



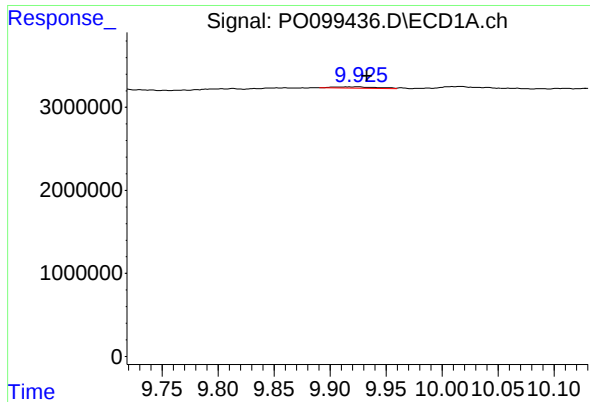
#44 AR-1268-4

R.T.: 9.497 min
Delta R.T.: -0.010 min
Response: 120402
Conc: 2.40 ng/ml



#44 AR-1268-4

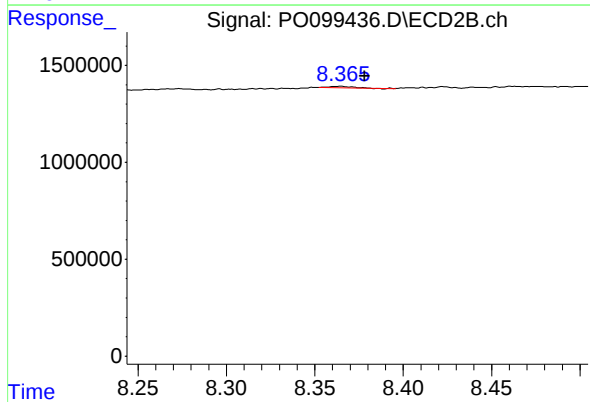
R.T.: 8.080 min
Delta R.T.: -0.011 min
Response: 100570
Conc: 3.65 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: -0.008 min
Response: 388376
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.364 min
Delta R.T.: -0.014 min
Response: 62001
Conc: 0.33 ng/ml