

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111623\
 Data File : P0099880.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Nov 2023 19:51
 Operator : YP/AJ
 Sample : 05425-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 23:28:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 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...	4.489	3.716	34409909	27138235	20.121	22.975
2) SA Decachlor...	10.371	8.815	19317272	19542039	20.690	19.910
Target Compounds						
3) L1 AR-1016-1	5.669	4.827	40993	24079	0.927	0.904
4) L1 AR-1016-2	5.703	4.845	62108	38077	0.910	1.027
5) L1 AR-1016-3	5.756	5.018	117963	92418	2.581	4.681 #
6) L1 AR-1016-4	5.858	5.080	17423	107441	0.505	6.375 #
7) L1 AR-1016-5	6.161	5.269	32060	46199	0.961	2.317 #
8) L2 AR-1221-1	4.700	3.940	152195	592818	7.248	39.260 #
9) L2 AR-1221-2	4.800	4.009	566111	1053361	36.855	99.684 #
10) L2 AR-1221-3	4.900	4.145f	674403	43400	14.973	1.425 #
11) L3 AR-1232-1	4.900	4.145f	674403	43400	18.256	1.693 #
12) L3 AR-1232-2	5.431	4.845	103532	38077	5.623	2.137 #
13) L3 AR-1232-3	5.703	5.018	62108	92418	1.968	10.082 #
14) L3 AR-1232-4	5.858	5.109	17423	71457	1.140	8.381 #
15) L3 AR-1232-5	5.949	5.269	50065	46199	3.895	5.035 #
16) L4 AR-1242-1	5.669	4.827	40993	24079	1.119	1.048
17) L4 AR-1242-2	5.703	4.845	62108	38077	1.097	1.212
18) L4 AR-1242-3	5.756	5.018	117963	92418	3.113	5.522 #
19) L4 AR-1242-4	5.867	5.109	62295	71457	2.172	4.135 #
20) L4 AR-1242-5	6.615	5.644	78870	25852	3.209	1.299 #
21) L5 AR-1248-1	5.669	4.827	40993	24079	1.525	1.376
22) L5 AR-1248-2	5.959	5.080	109371	107441	2.575	4.470 #
23) L5 AR-1248-3	6.161	5.109	32060	71457	0.697	2.892 #
24) L5 AR-1248-4	6.566	5.269	41633	46199	1.004	1.636 #
25) L5 AR-1248-5	6.615	5.678	78870	79133	1.935	3.114 #
26) L6 AR-1254-1	6.540	5.644	160777	25852	3.321	0.624 #
27) L6 AR-1254-2	6.761	5.786	105581	61892	1.496	1.630
28) L6 AR-1254-3	7.134	6.212	542547	434643	7.992	6.723
29) L6 AR-1254-4	7.426	6.423	29709	138530	0.749	4.043 #
30) L6 AR-1254-5	7.844	6.861	29818	39264	0.607	0.640
31) L7 AR-1260-1	7.298	6.346	74277	120582	1.331	2.505 #
32) L7 AR-1260-2	7.556	6.522	18721	27941	0.310	0.493 #
33) L7 AR-1260-3	7.928	6.656	59358	10612	1.420	0.192 #
34) L7 AR-1260-4	8.170	7.159	70452	43936	1.431	0.997 #
35) L7 AR-1260-5	8.485	7.427	39863	44812	0.475	0.451
36) L8 AR-1262-1	7.844	6.861	29818	39264	0.665	1.207 #
37) L8 AR-1262-2	8.485	7.159	39863	43936	0.387	0.672 #
38) L8 AR-1262-3	8.802	7.694	20555	101518	0.280	1.975 #
39) L8 AR-1262-4	8.899	7.726	190938	84933	3.293	0.953 #
40) L8 AR-1262-5	9.581	8.247	23931	299485	0.731	7.684 #
41) L9 AR-1268-1	8.802	7.694	20555	101518	0.155	0.710 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111623\
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 Acq On : 16 Nov 2023 19:51
 Operator : YP/AJ
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 23:28:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

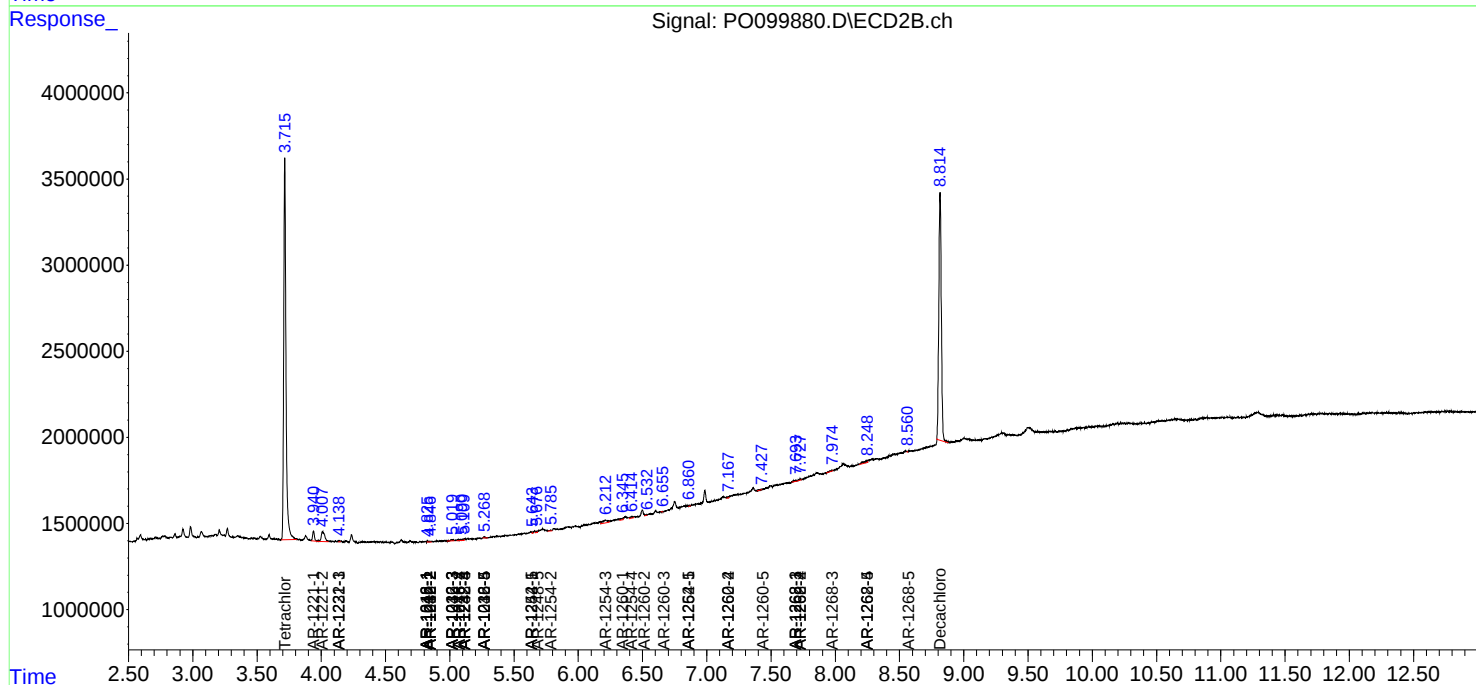
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

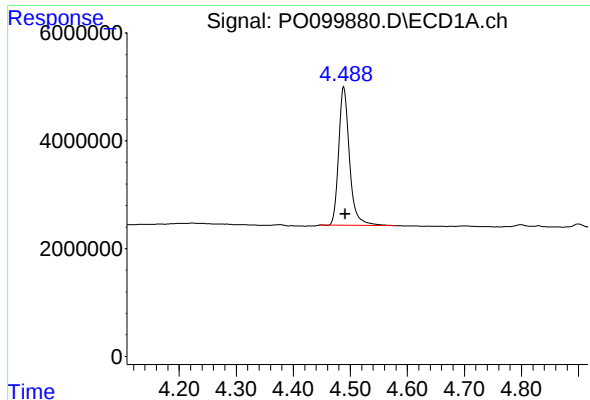
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.899	7.726	190938	84933	1.664	0.652 #
43) L9	AR-1268-3	9.126	7.975	69509	72309	0.638	0.594
44) L9	AR-1268-4	9.581	8.247	23931	299485	0.685	6.947 #
45) L9	AR-1268-5	10.020	8.562	181072	19971	0.566	0.057 #

(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

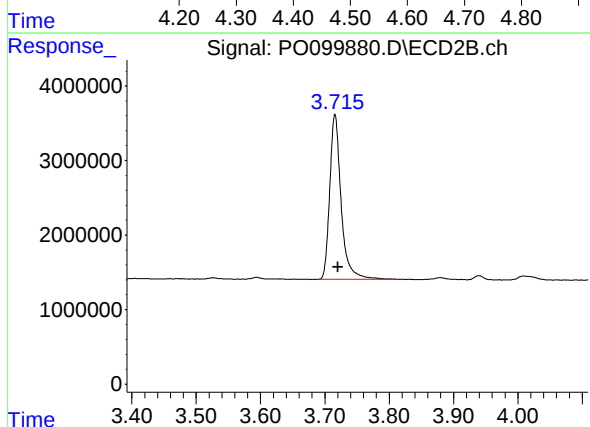




#1 Tetrachloro-m-xylene

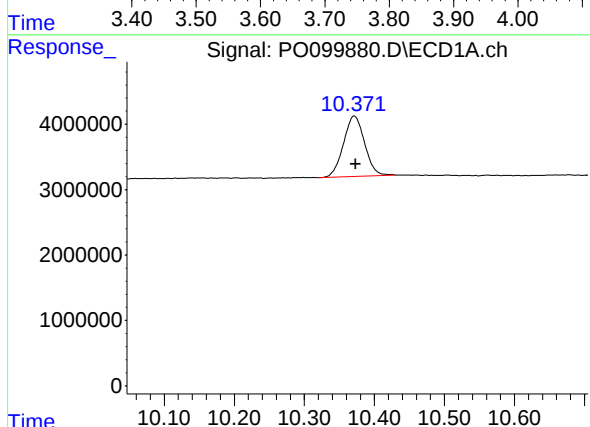
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 34409909
Conc: 20.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



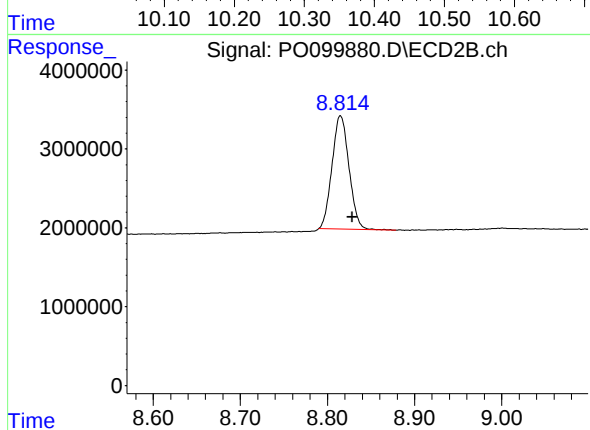
#1 Tetrachloro-m-xylene

R.T.: 3.716 min
Delta R.T.: -0.005 min
Response: 27138235
Conc: 22.97 ng/ml



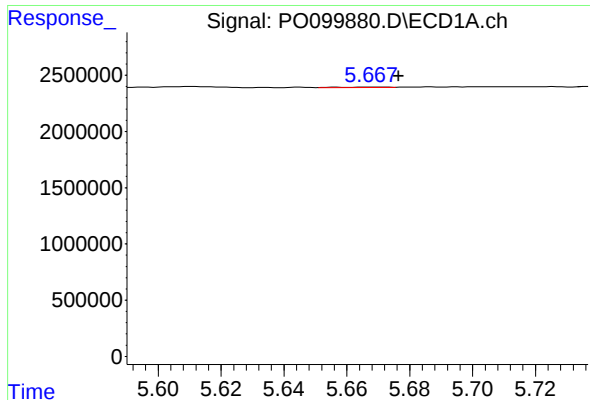
#2 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: -0.001 min
Response: 19317272
Conc: 20.69 ng/ml



#2 Decachlorobiphenyl

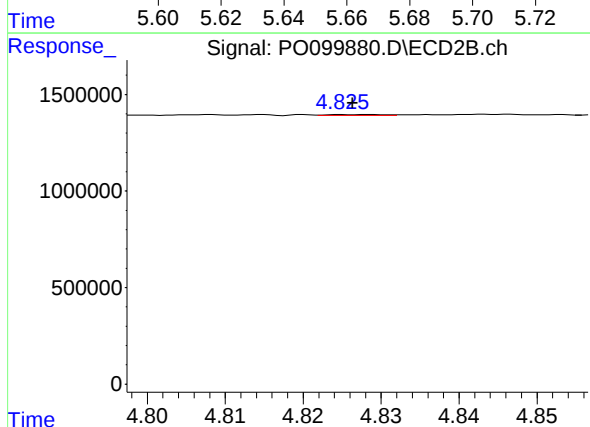
R.T.: 8.815 min
Delta R.T.: -0.014 min
Response: 19542039
Conc: 19.91 ng/ml



#3 AR-1016-1

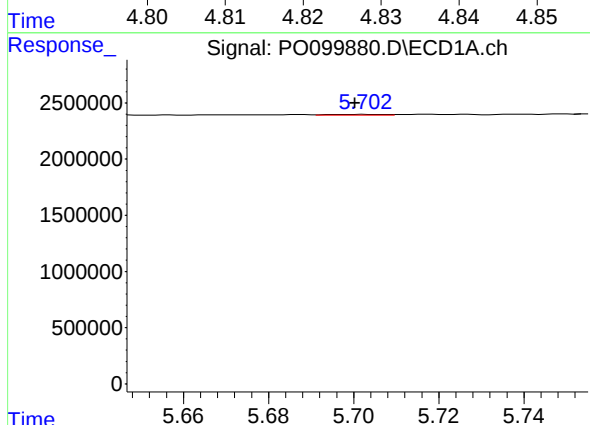
R.T.: 5.669 min
Delta R.T.: -0.008 min
Response: 40993
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



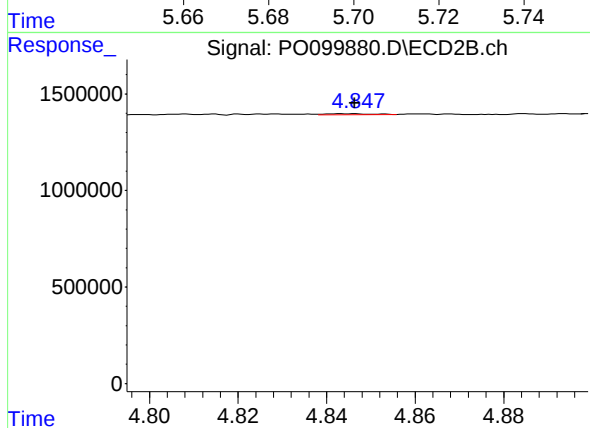
#3 AR-1016-1

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 24079
Conc: 0.90 ng/ml



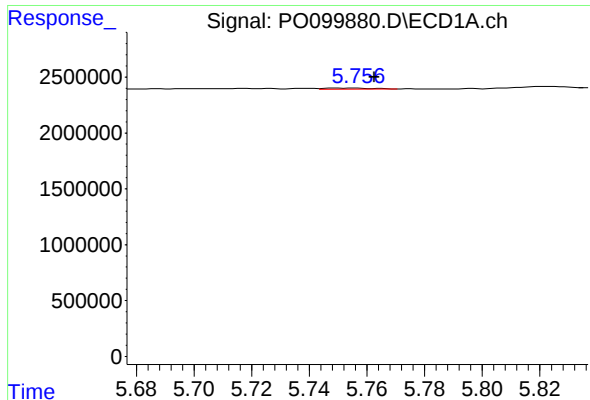
#4 AR-1016-2

R.T.: 5.703 min
Delta R.T.: 0.003 min
Response: 62108
Conc: 0.91 ng/ml



#4 AR-1016-2

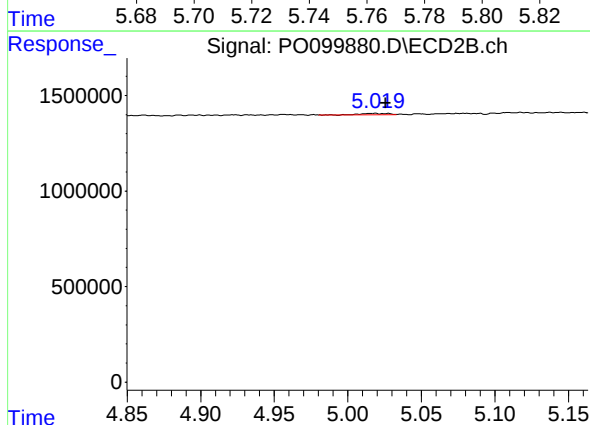
R.T.: 4.845 min
Delta R.T.: -0.001 min
Response: 38077
Conc: 1.03 ng/ml



#5 AR-1016-3

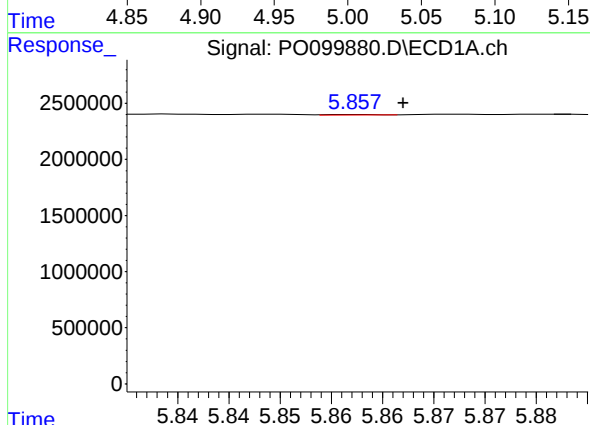
R.T.: 5.756 min
Delta R.T.: -0.006 min
Response: 117963
Conc: 2.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



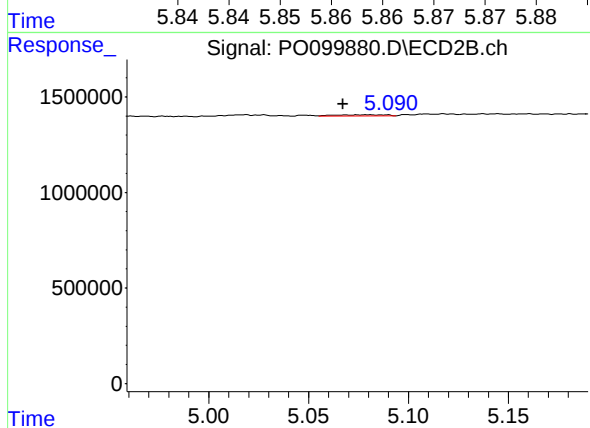
#5 AR-1016-3

R.T.: 5.018 min
Delta R.T.: -0.008 min
Response: 92418
Conc: 4.68 ng/ml



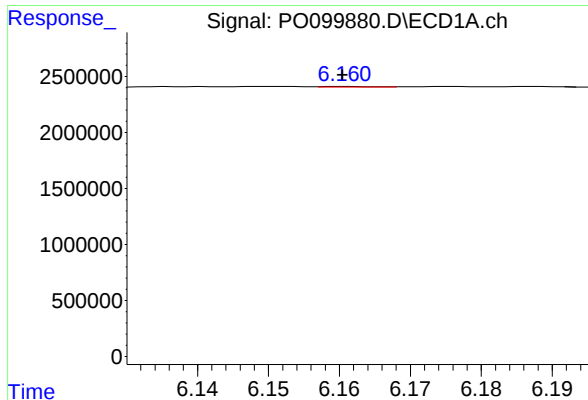
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.004 min
Response: 17423
Conc: 0.50 ng/ml



#6 AR-1016-4

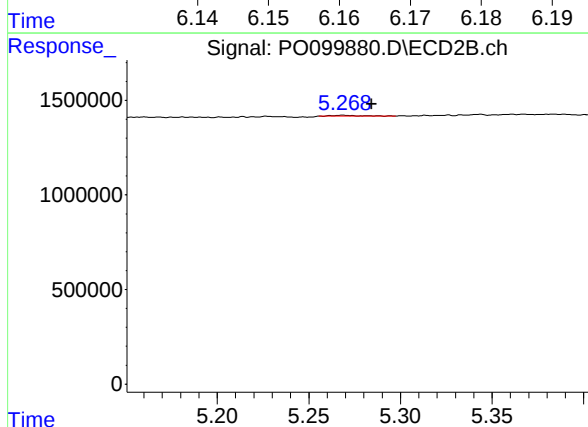
R.T.: 5.080 min
Delta R.T.: 0.013 min
Response: 107441
Conc: 6.37 ng/ml



#7 AR-1016-5

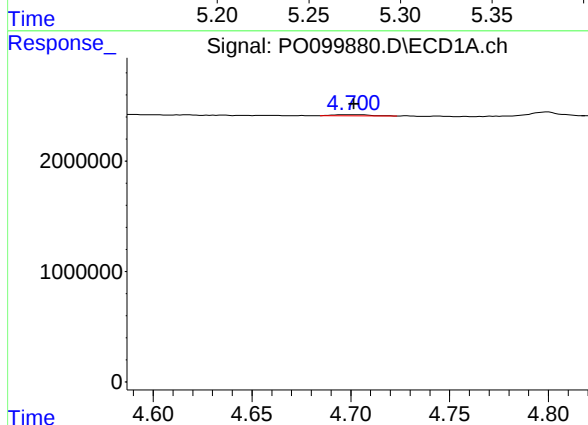
R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 32060
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



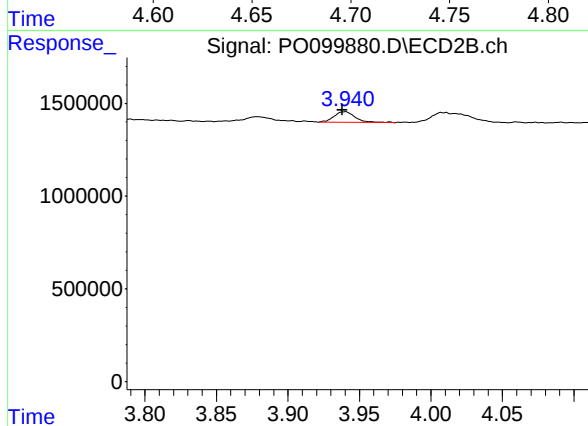
#7 AR-1016-5

R.T.: 5.269 min
Delta R.T.: -0.016 min
Response: 46199
Conc: 2.32 ng/ml



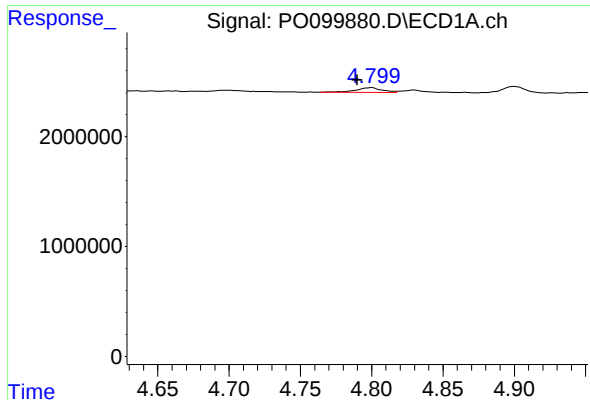
#8 AR-1221-1

R.T.: 4.700 min
Delta R.T.: -0.002 min
Response: 152195
Conc: 7.25 ng/ml



#8 AR-1221-1

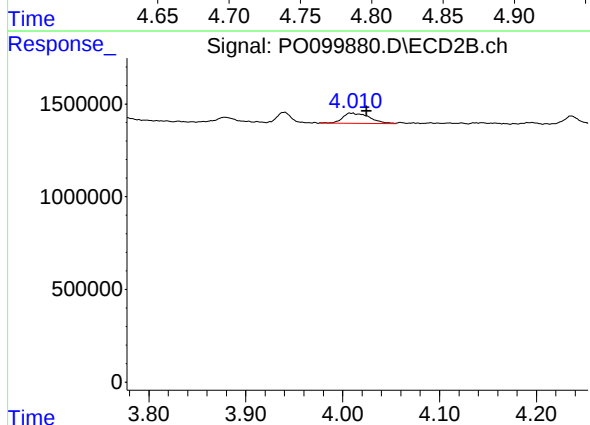
R.T.: 3.940 min
Delta R.T.: 0.001 min
Response: 592818
Conc: 39.26 ng/ml



#9 AR-1221-2

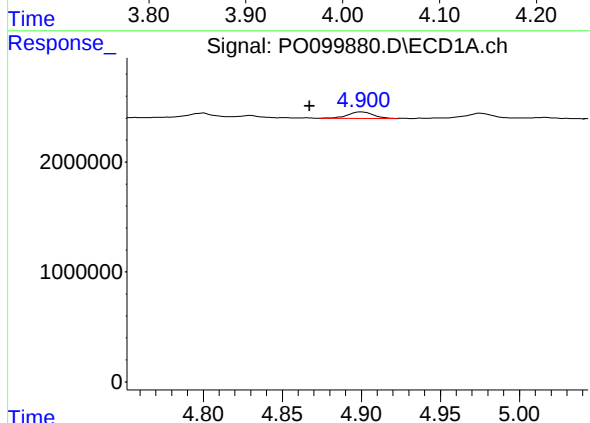
R.T.: 4.800 min
Delta R.T.: 0.010 min
Response: 566111
Conc: 36.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



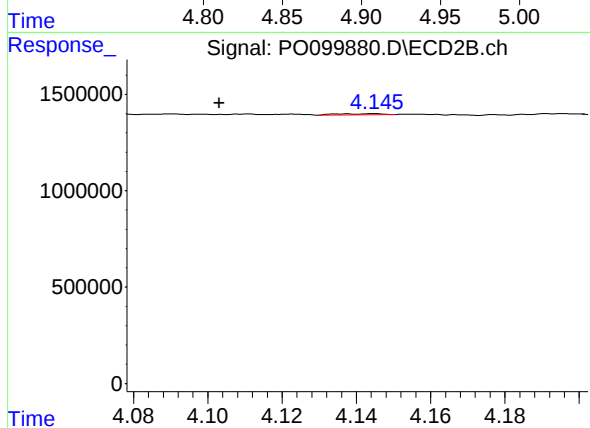
#9 AR-1221-2

R.T.: 4.009 min
Delta R.T.: -0.016 min
Response: 1053361
Conc: 99.68 ng/ml



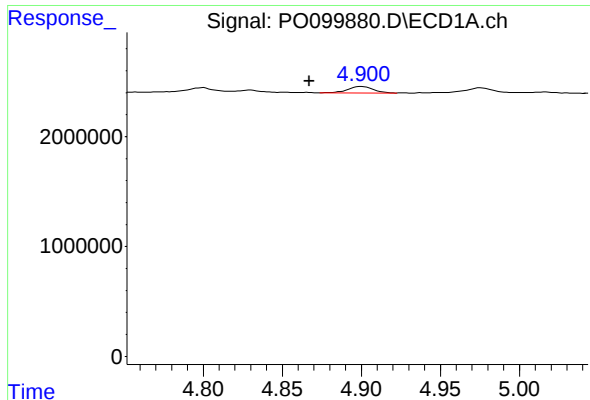
#10 AR-1221-3

R.T.: 4.900 min
Delta R.T.: 0.033 min
Response: 674403
Conc: 14.97 ng/ml



#10 AR-1221-3

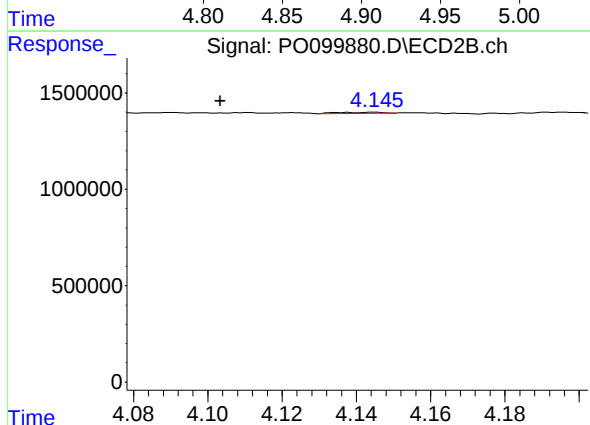
R.T.: 4.145 min
Delta R.T.: 0.042 min
Response: 43400
Conc: 1.42 ng/ml



#11 AR-1232-1

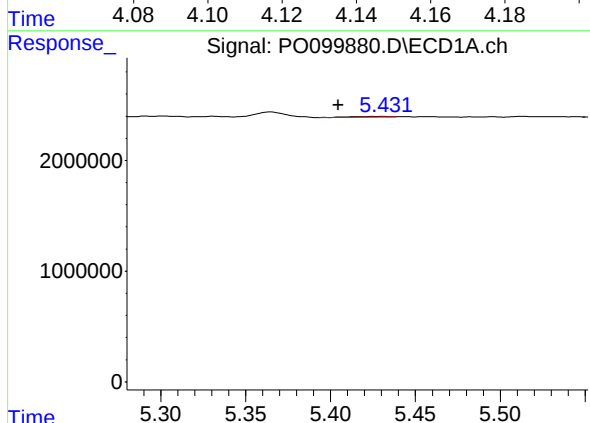
R.T.: 4.900 min
Delta R.T.: 0.033 min
Response: 674403
Conc: 18.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



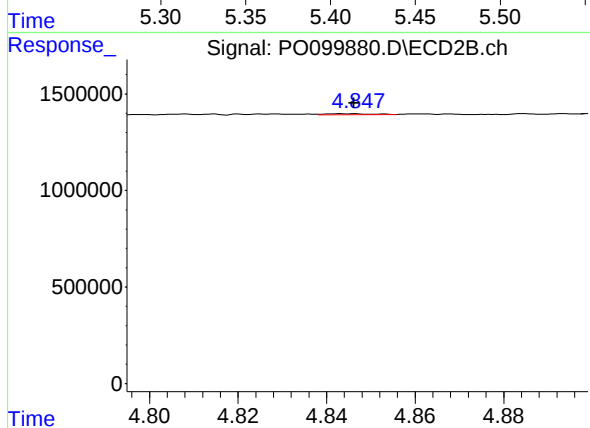
#11 AR-1232-1

R.T.: 4.145 min
Delta R.T.: 0.041 min
Response: 43400
Conc: 1.69 ng/ml



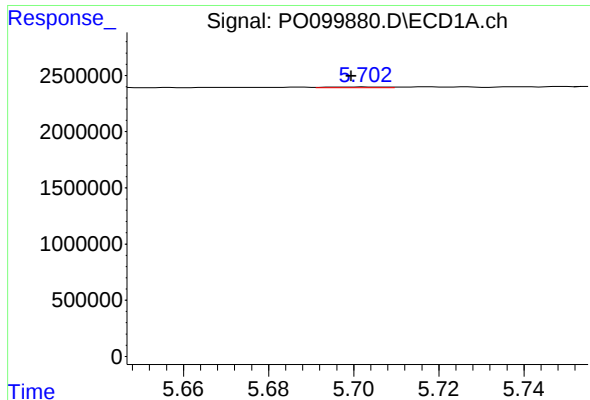
#12 AR-1232-2

R.T.: 5.431 min
Delta R.T.: 0.026 min
Response: 103532
Conc: 5.62 ng/ml



#12 AR-1232-2

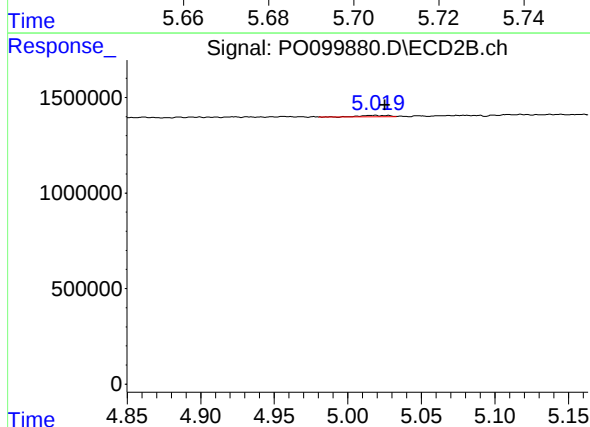
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 38077
Conc: 2.14 ng/ml



#13 AR-1232-3

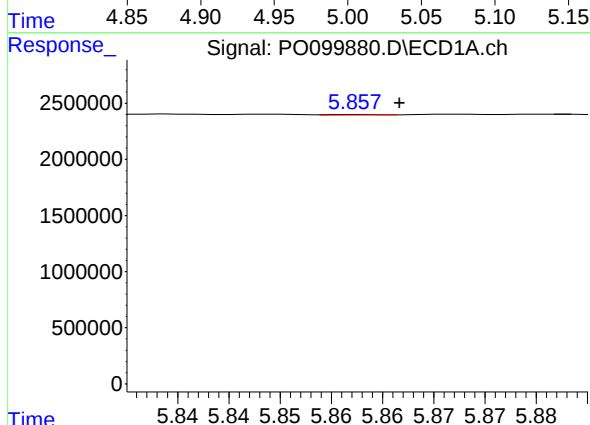
R.T.: 5.703 min
Delta R.T.: 0.004 min
Response: 62108
Conc: 1.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



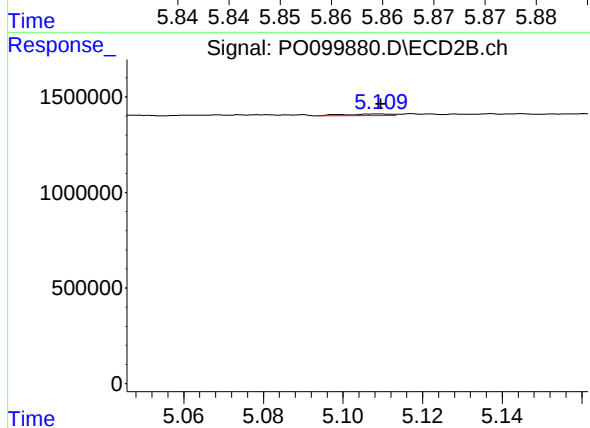
#13 AR-1232-3

R.T.: 5.018 min
Delta R.T.: -0.007 min
Response: 92418
Conc: 10.08 ng/ml



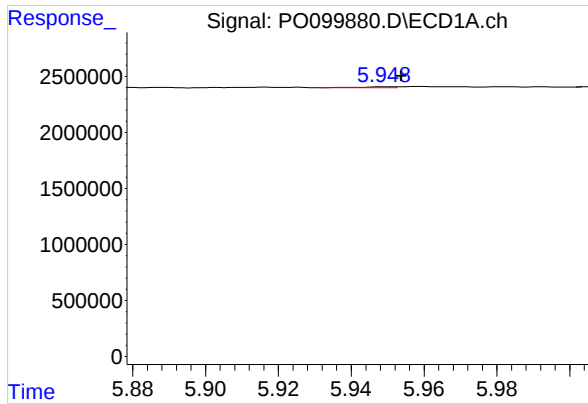
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: -0.004 min
Response: 17423
Conc: 1.14 ng/ml



#14 AR-1232-4

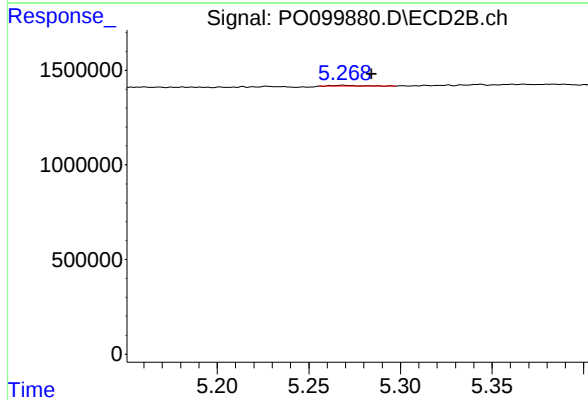
R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 71457
Conc: 8.38 ng/ml



#15 AR-1232-5

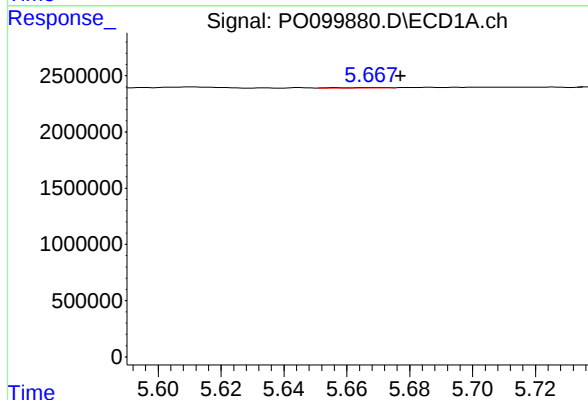
R.T.: 5.949 min
Delta R.T.: -0.005 min
Response: 50065
Conc: 3.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



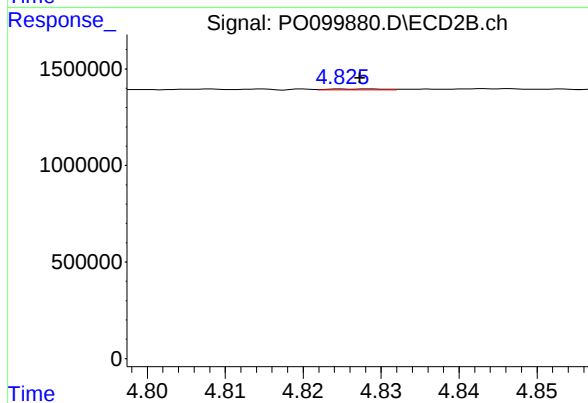
#15 AR-1232-5

R.T.: 5.269 min
Delta R.T.: -0.016 min
Response: 46199
Conc: 5.04 ng/ml



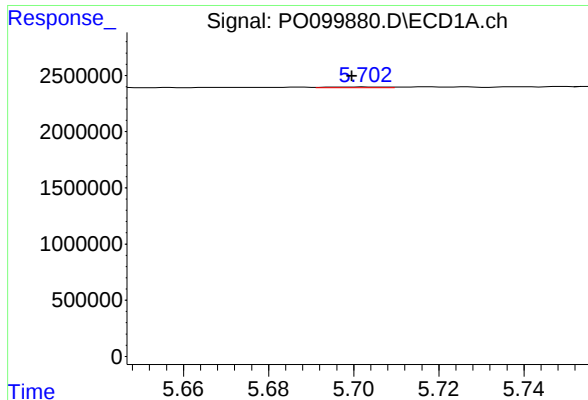
#16 AR-1242-1

R.T.: 5.669 min
Delta R.T.: -0.008 min
Response: 40993
Conc: 1.12 ng/ml



#16 AR-1242-1

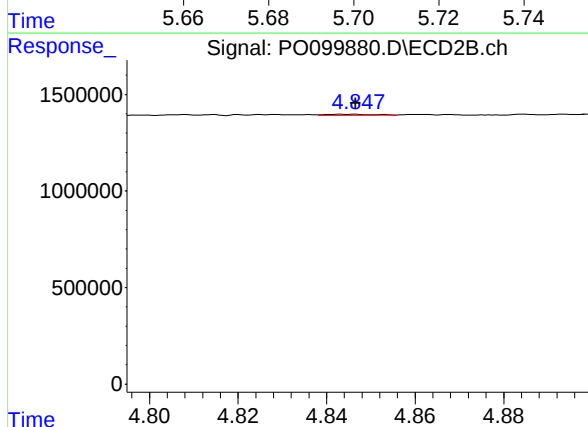
R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 24079
Conc: 1.05 ng/ml



#17 AR-1242-2

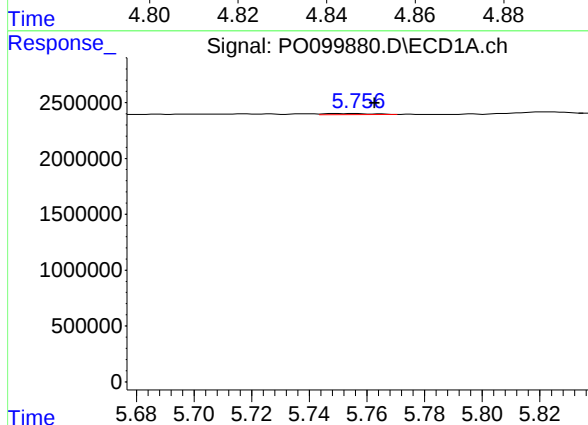
R.T.: 5.703 min
Delta R.T.: 0.004 min
Response: 62108
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



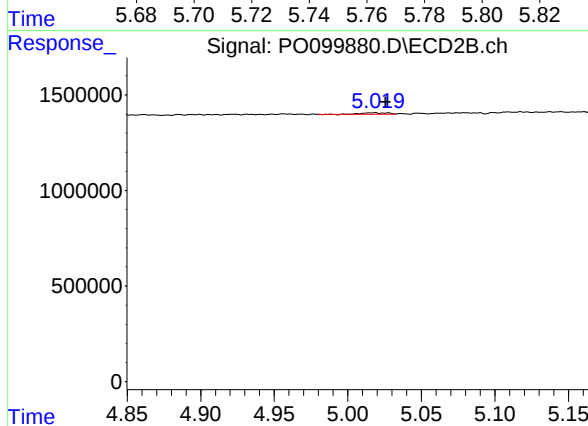
#17 AR-1242-2

R.T.: 4.845 min
Delta R.T.: -0.001 min
Response: 38077
Conc: 1.21 ng/ml



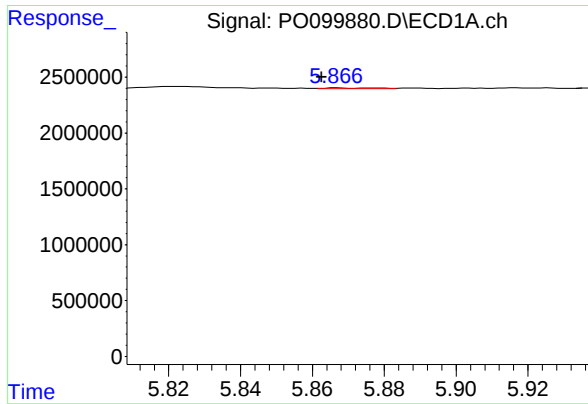
#18 AR-1242-3

R.T.: 5.756 min
Delta R.T.: -0.007 min
Response: 117963
Conc: 3.11 ng/ml



#18 AR-1242-3

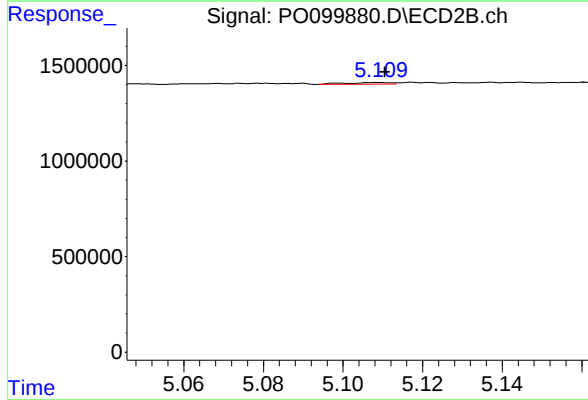
R.T.: 5.018 min
Delta R.T.: -0.008 min
Response: 92418
Conc: 5.52 ng/ml



#19 AR-1242-4

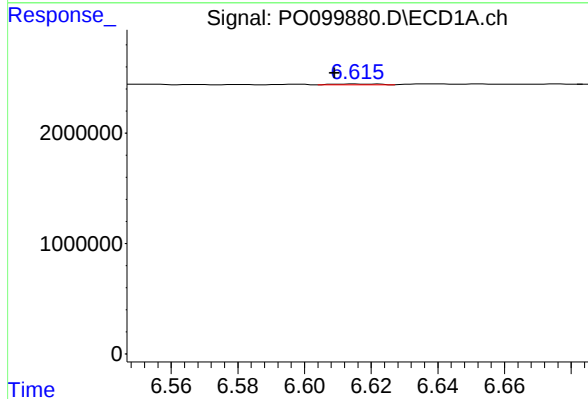
R.T.: 5.867 min
Delta R.T.: 0.004 min
Response: 62295
Conc: 2.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



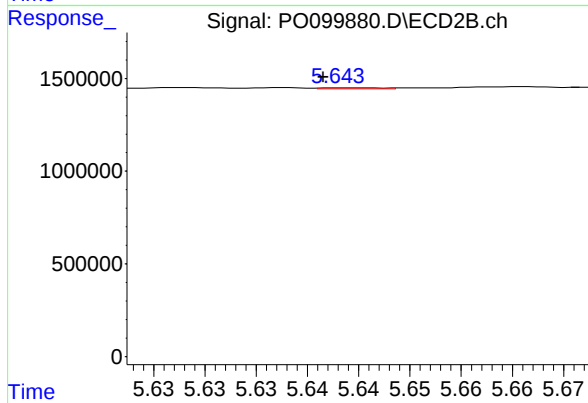
#19 AR-1242-4

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 71457
Conc: 4.14 ng/ml



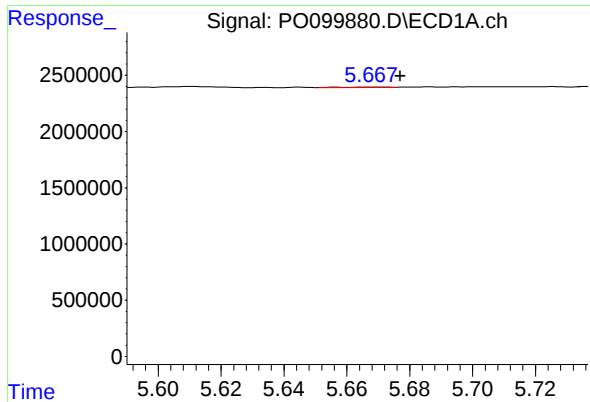
#20 AR-1242-5

R.T.: 6.615 min
Delta R.T.: 0.006 min
Response: 78870
Conc: 3.21 ng/ml



#20 AR-1242-5

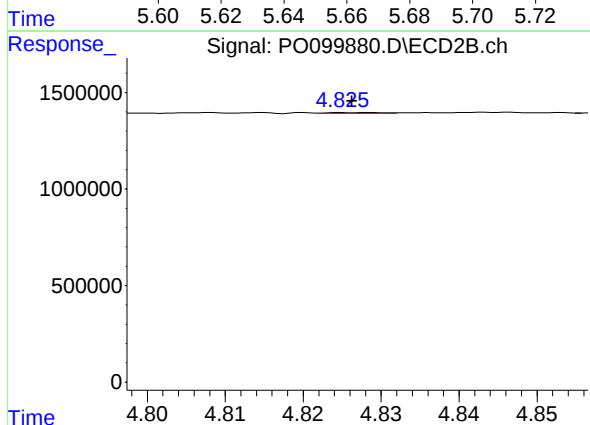
R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 25852
Conc: 1.30 ng/ml



#21 AR-1248-1

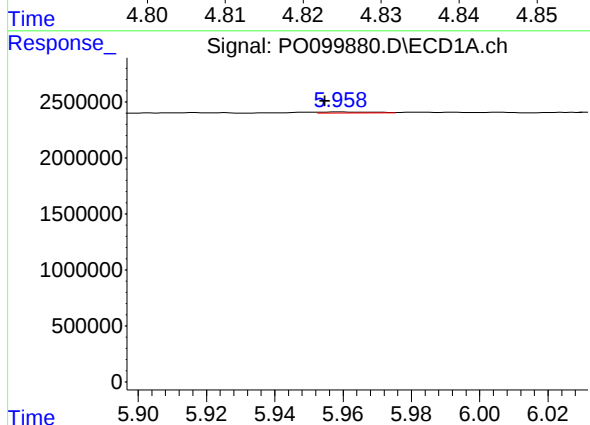
R.T.: 5.669 min
Delta R.T.: -0.008 min
Response: 40993
Conc: 1.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



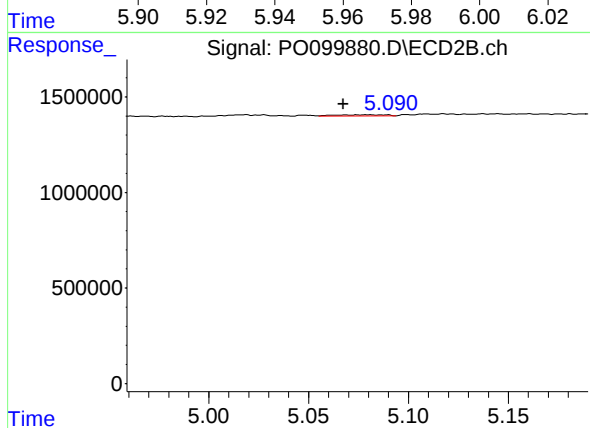
#21 AR-1248-1

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 24079
Conc: 1.38 ng/ml



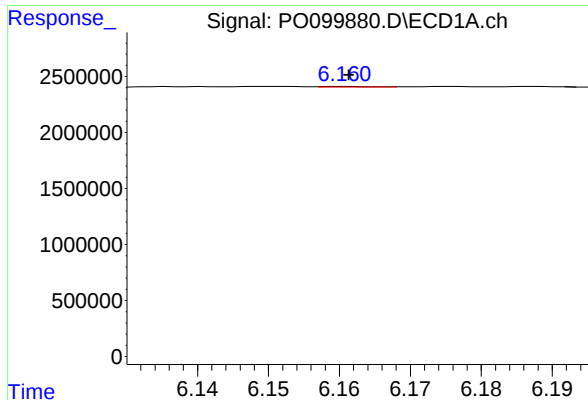
#22 AR-1248-2

R.T.: 5.959 min
Delta R.T.: 0.004 min
Response: 109371
Conc: 2.57 ng/ml



#22 AR-1248-2

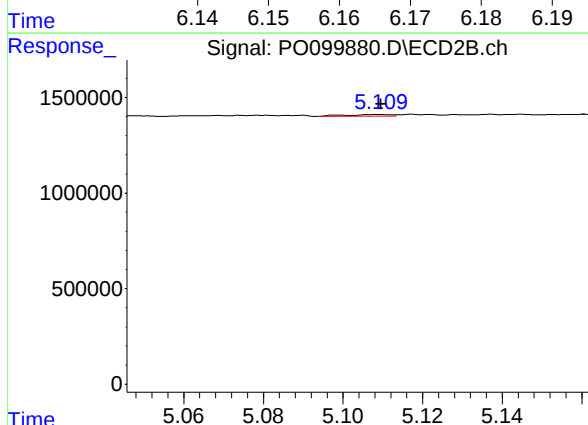
R.T.: 5.080 min
Delta R.T.: 0.012 min
Response: 107441
Conc: 4.47 ng/ml



#23 AR-1248-3

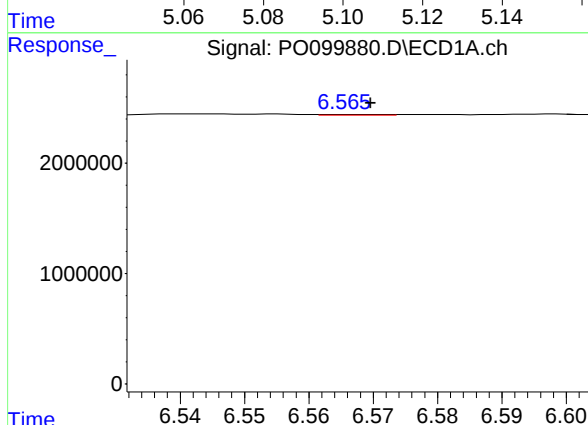
R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 32060
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



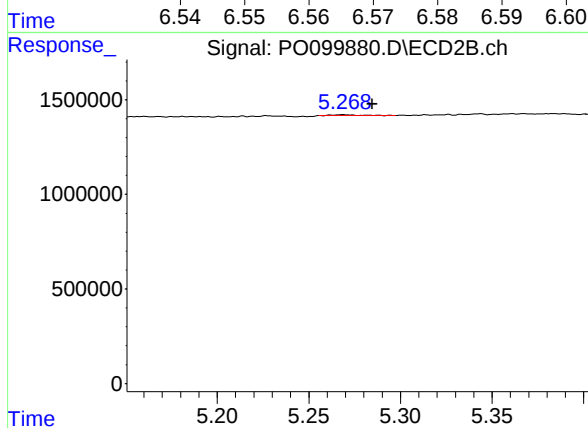
#23 AR-1248-3

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 71457
Conc: 2.89 ng/ml



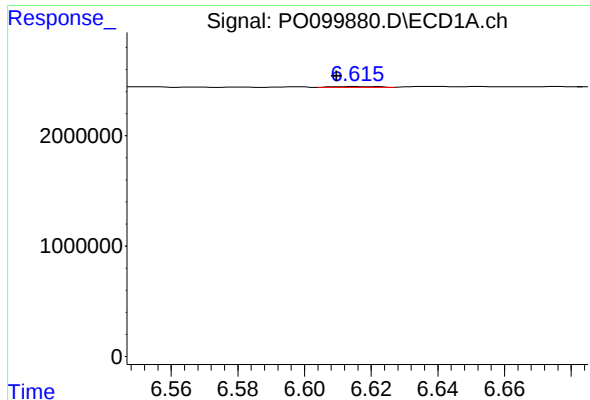
#24 AR-1248-4

R.T.: 6.566 min
Delta R.T.: -0.003 min
Response: 41633
Conc: 1.00 ng/ml



#24 AR-1248-4

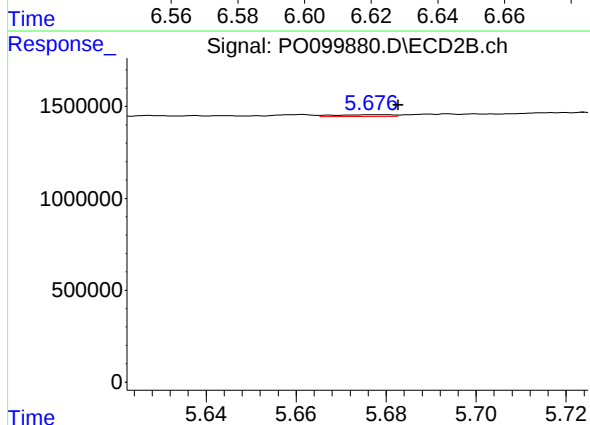
R.T.: 5.269 min
Delta R.T.: -0.016 min
Response: 46199
Conc: 1.64 ng/ml



#25 AR-1248-5

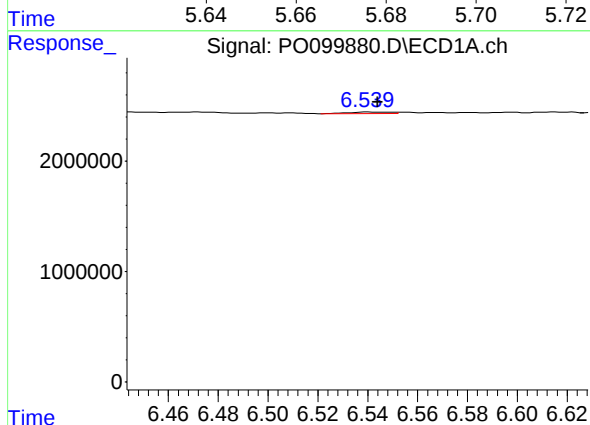
R.T.: 6.615 min
Delta R.T.: 0.006 min
Response: 78870
Conc: 1.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



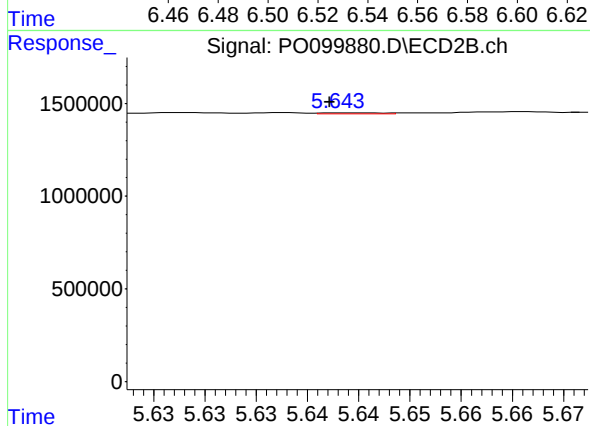
#25 AR-1248-5

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 79133
Conc: 3.11 ng/ml



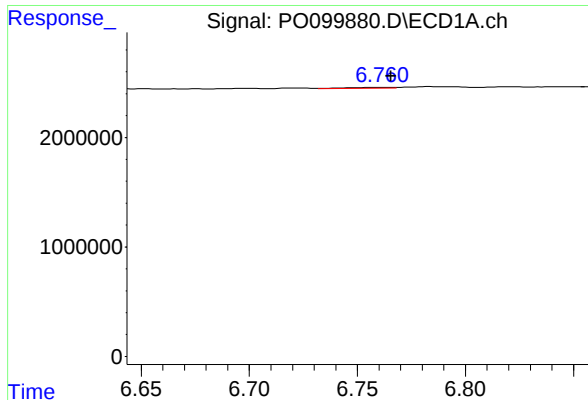
#26 AR-1254-1

R.T.: 6.540 min
Delta R.T.: -0.004 min
Response: 160777
Conc: 3.32 ng/ml



#26 AR-1254-1

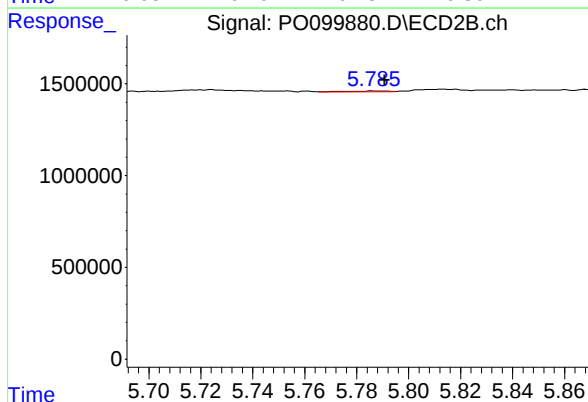
R.T.: 5.644 min
Delta R.T.: 0.002 min
Response: 25852
Conc: 0.62 ng/ml



#27 AR-1254-2

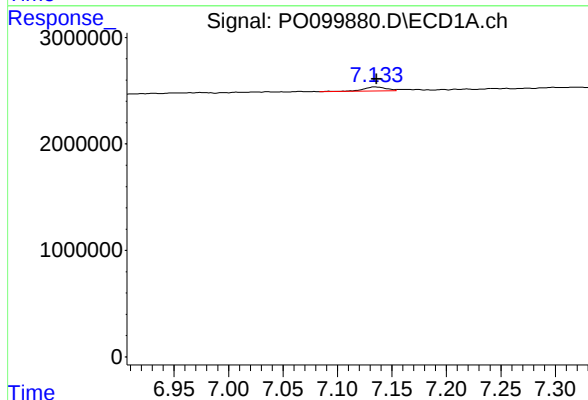
R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 105581
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



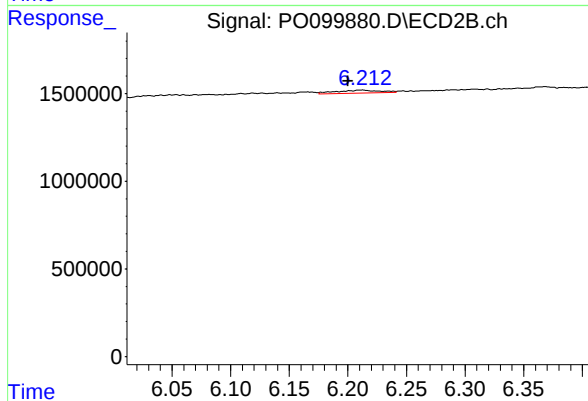
#27 AR-1254-2

R.T.: 5.786 min
Delta R.T.: -0.004 min
Response: 61892
Conc: 1.63 ng/ml



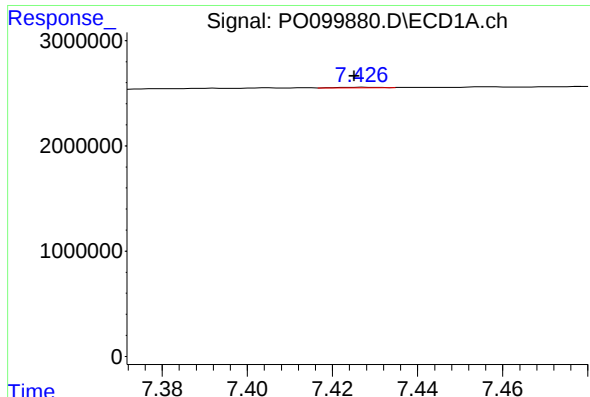
#28 AR-1254-3

R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 542547
Conc: 7.99 ng/ml



#28 AR-1254-3

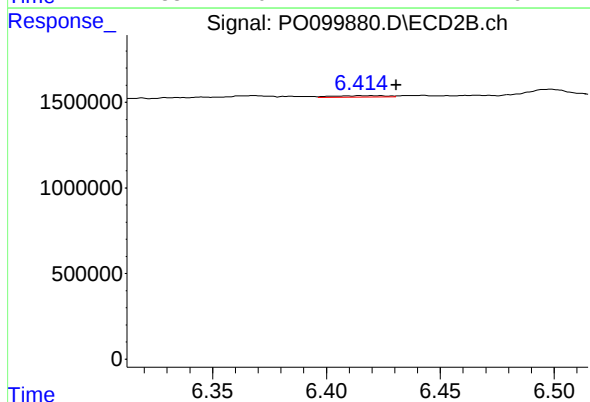
R.T.: 6.212 min
Delta R.T.: 0.012 min
Response: 434643
Conc: 6.72 ng/ml



#29 AR-1254-4

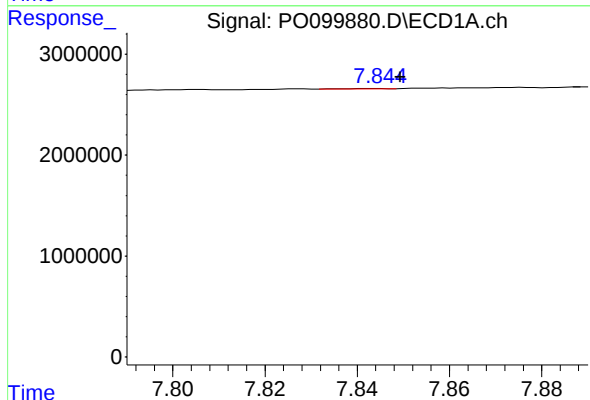
R.T.: 7.426 min
Delta R.T.: 0.001 min
Response: 29709
Conc: 0.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



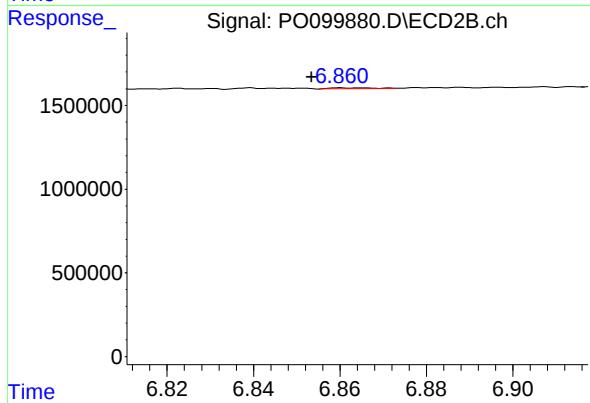
#29 AR-1254-4

R.T.: 6.423 min
Delta R.T.: -0.008 min
Response: 138530
Conc: 4.04 ng/ml



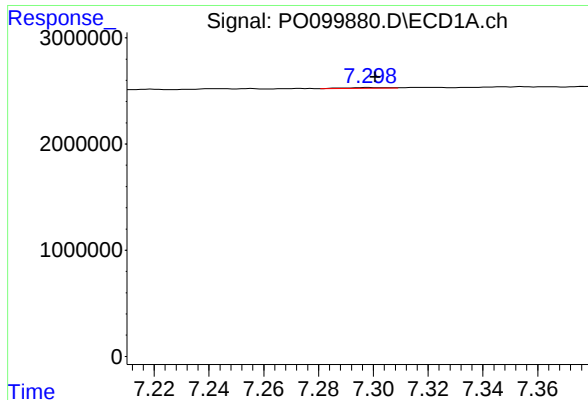
#30 AR-1254-5

R.T.: 7.844 min
Delta R.T.: -0.005 min
Response: 29818
Conc: 0.61 ng/ml



#30 AR-1254-5

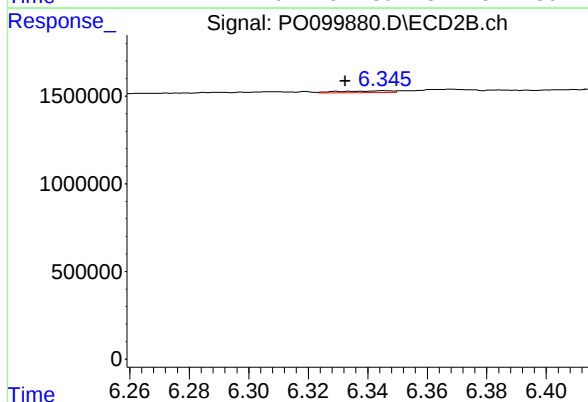
R.T.: 6.861 min
Delta R.T.: 0.007 min
Response: 39264
Conc: 0.64 ng/ml



#31 AR-1260-1

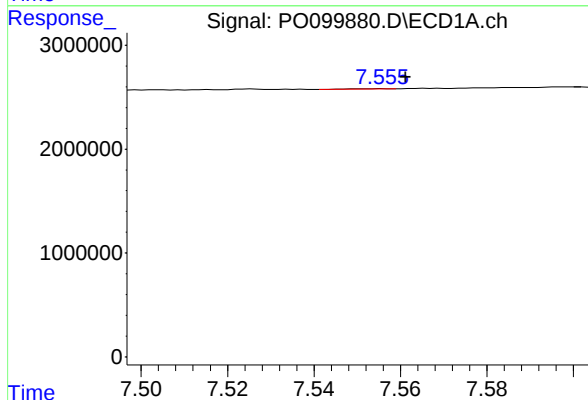
R.T.: 7.298 min
Delta R.T.: -0.002 min
Response: 74277
Conc: 1.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



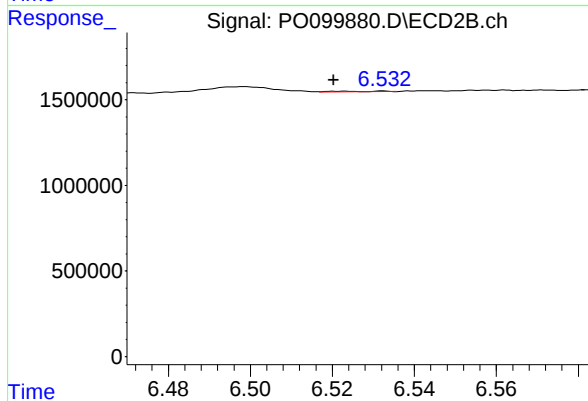
#31 AR-1260-1

R.T.: 6.346 min
Delta R.T.: 0.013 min
Response: 120582
Conc: 2.50 ng/ml



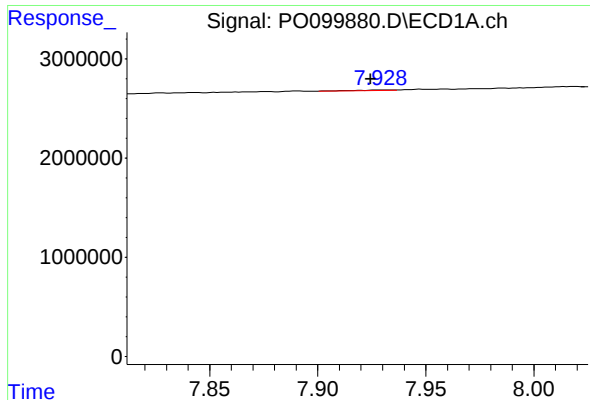
#32 AR-1260-2

R.T.: 7.556 min
Delta R.T.: -0.006 min
Response: 18721
Conc: 0.31 ng/ml



#32 AR-1260-2

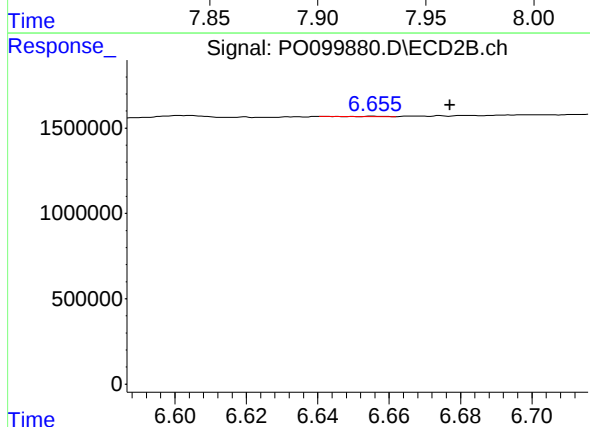
R.T.: 6.522 min
Delta R.T.: 0.002 min
Response: 27941
Conc: 0.49 ng/ml



#33 AR-1260-3

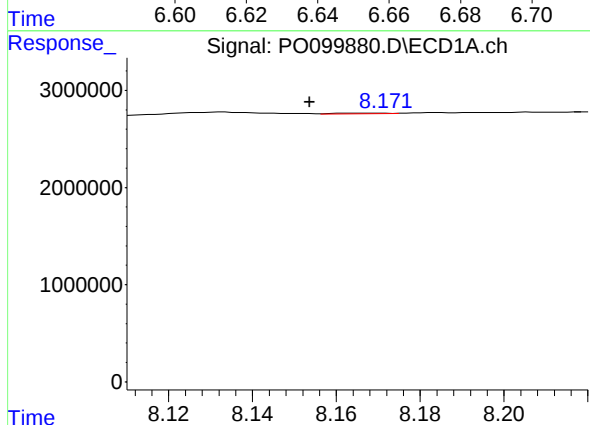
R.T.: 7.928 min
Delta R.T.: 0.004 min
Response: 59358
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



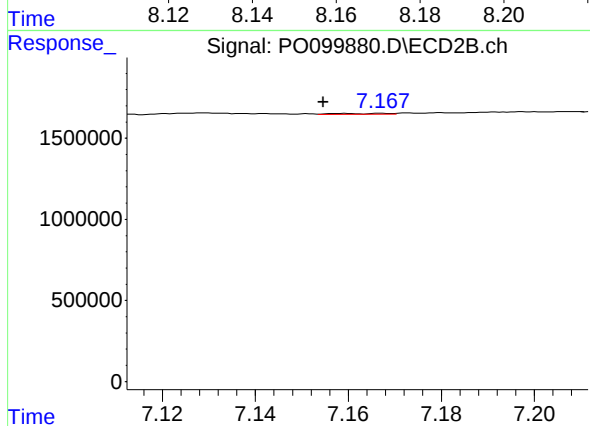
#33 AR-1260-3

R.T.: 6.656 min
Delta R.T.: -0.021 min
Response: 10612
Conc: 0.19 ng/ml



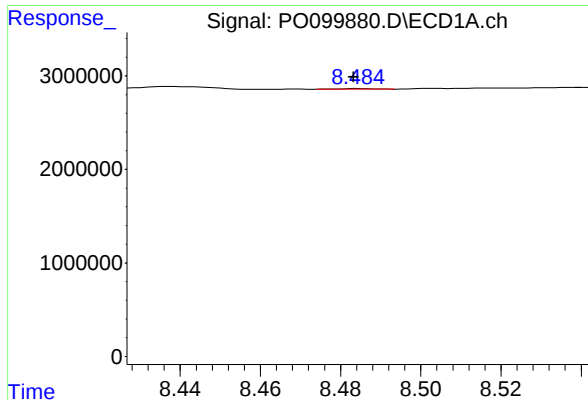
#34 AR-1260-4

R.T.: 8.170 min
Delta R.T.: 0.016 min
Response: 70452
Conc: 1.43 ng/ml



#34 AR-1260-4

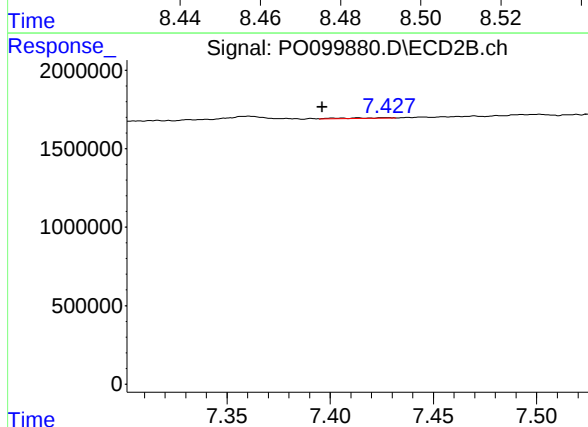
R.T.: 7.159 min
Delta R.T.: 0.005 min
Response: 43936
Conc: 1.00 ng/ml



#35 AR-1260-5

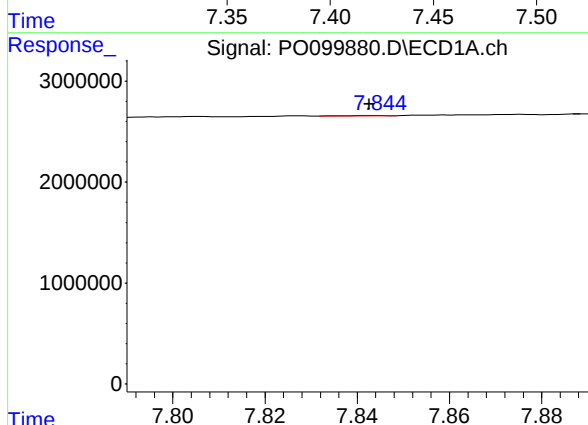
R.T.: 8.485 min
Delta R.T.: 0.001 min
Response: 39863
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



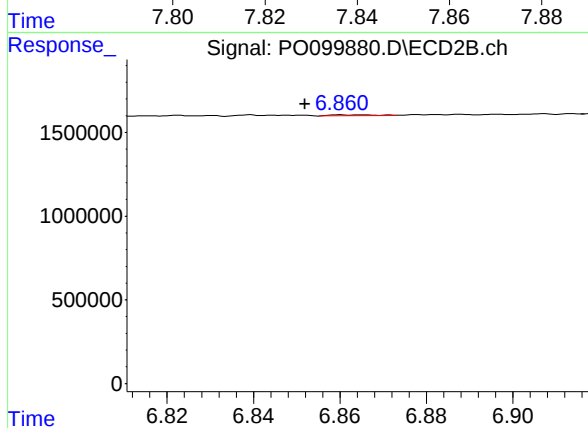
#35 AR-1260-5

R.T.: 7.427 min
Delta R.T.: 0.031 min
Response: 44812
Conc: 0.45 ng/ml



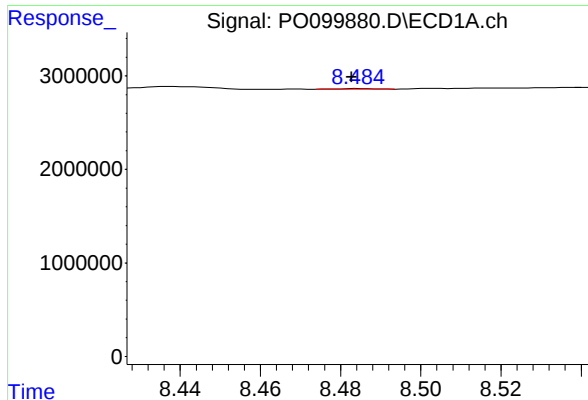
#36 AR-1262-1

R.T.: 7.844 min
Delta R.T.: 0.002 min
Response: 29818
Conc: 0.67 ng/ml



#36 AR-1262-1

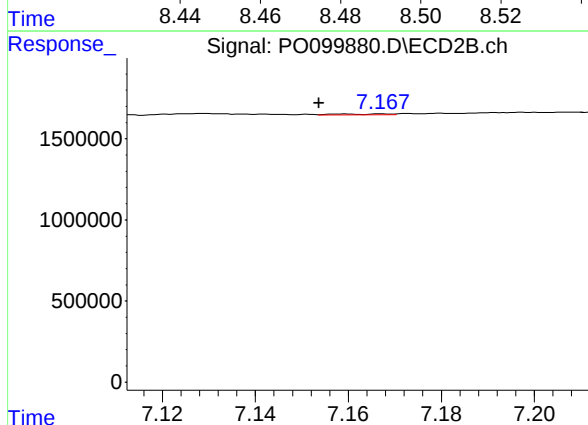
R.T.: 6.861 min
Delta R.T.: 0.009 min
Response: 39264
Conc: 1.21 ng/ml



#37 AR-1262-2

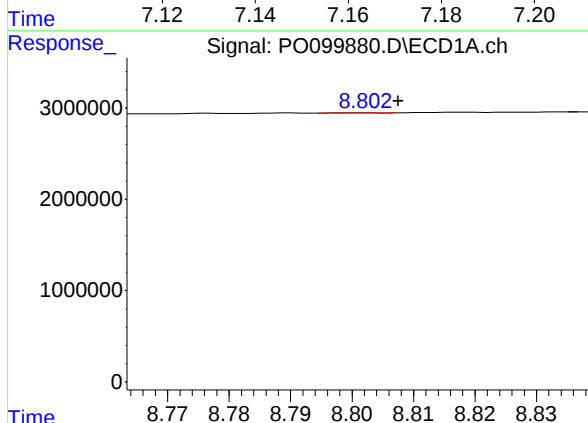
R.T.: 8.485 min
Delta R.T.: 0.002 min
Response: 39863
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



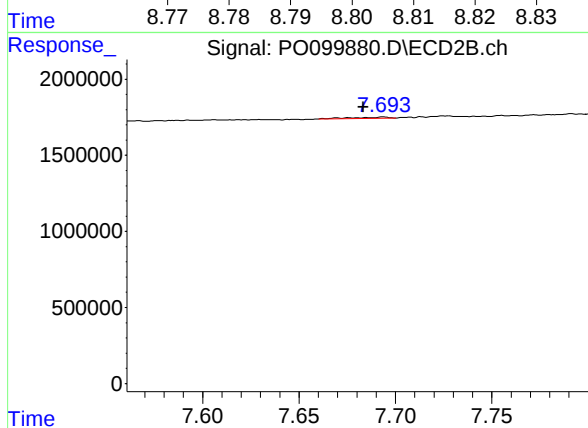
#37 AR-1262-2

R.T.: 7.159 min
Delta R.T.: 0.006 min
Response: 43936
Conc: 0.67 ng/ml



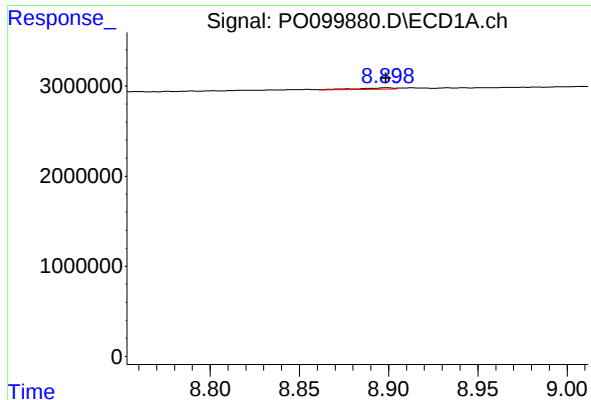
#38 AR-1262-3

R.T.: 8.802 min
Delta R.T.: -0.005 min
Response: 20555
Conc: 0.28 ng/ml



#38 AR-1262-3

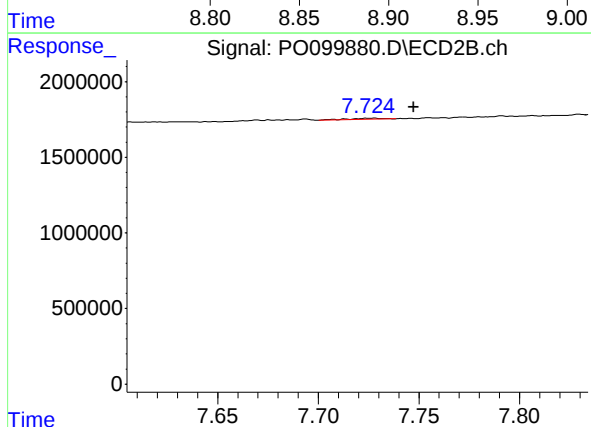
R.T.: 7.694 min
Delta R.T.: 0.010 min
Response: 101518
Conc: 1.97 ng/ml



#39 AR-1262-4

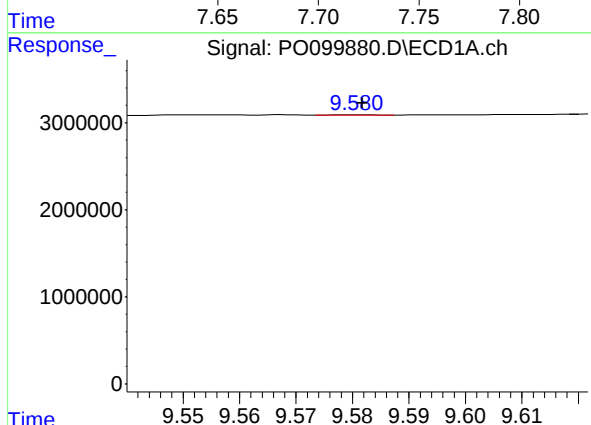
R.T.: 8.899 min
Delta R.T.: 0.000 min
Response: 190938
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



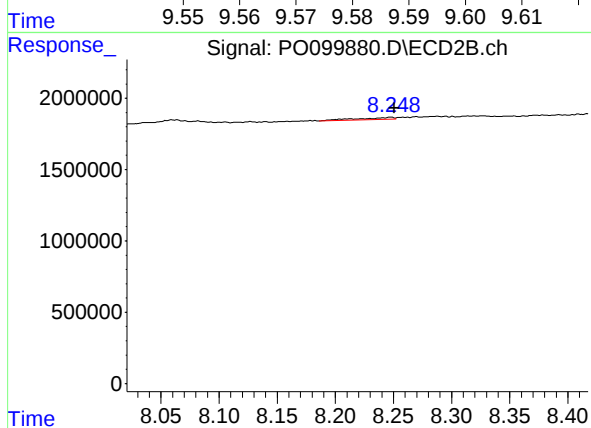
#39 AR-1262-4

R.T.: 7.726 min
Delta R.T.: -0.021 min
Response: 84933
Conc: 0.95 ng/ml



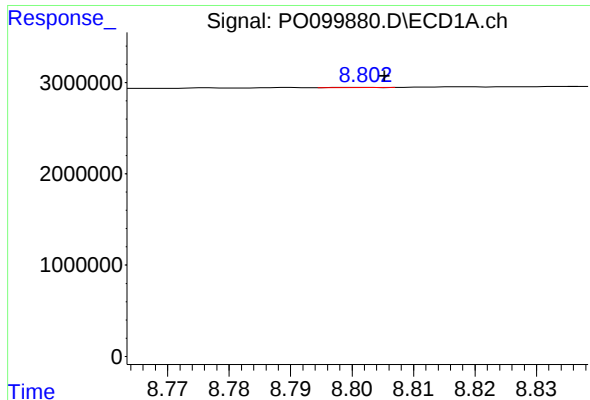
#40 AR-1262-5

R.T.: 9.581 min
Delta R.T.: 0.000 min
Response: 23931
Conc: 0.73 ng/ml



#40 AR-1262-5

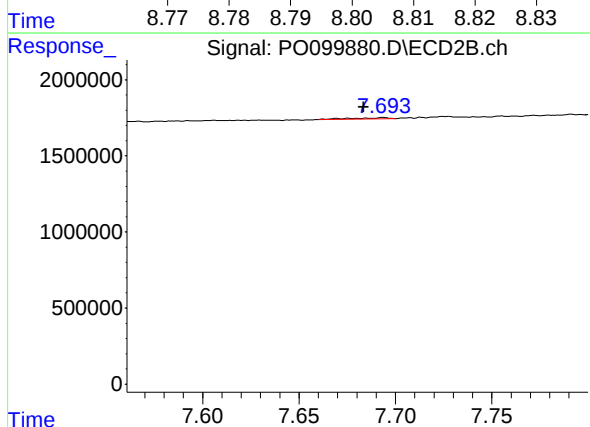
R.T.: 8.247 min
Delta R.T.: -0.003 min
Response: 299485
Conc: 7.68 ng/ml



#41 AR-1268-1

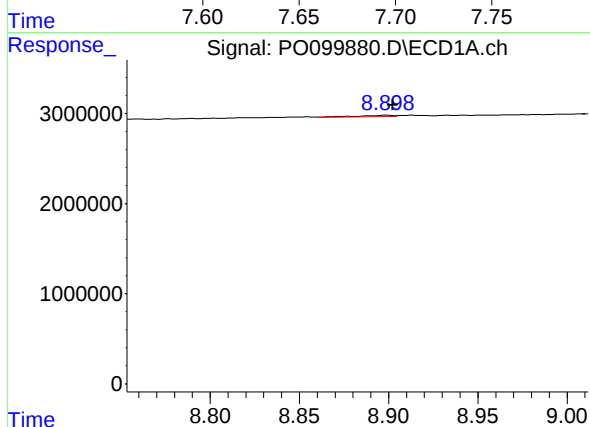
R.T.: 8.802 min
Delta R.T.: -0.003 min
Response: 20555
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



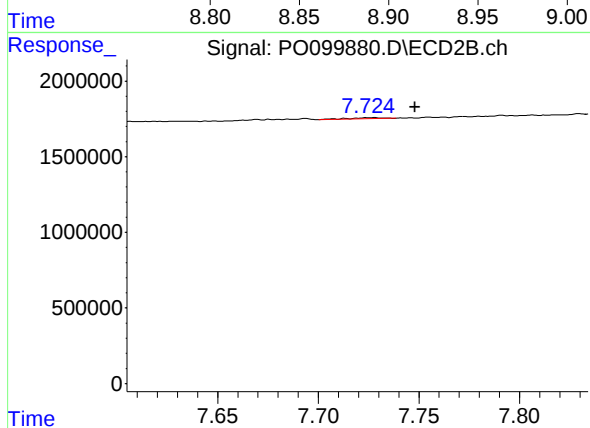
#41 AR-1268-1

R.T.: 7.694 min
Delta R.T.: 0.010 min
Response: 101518
Conc: 0.71 ng/ml



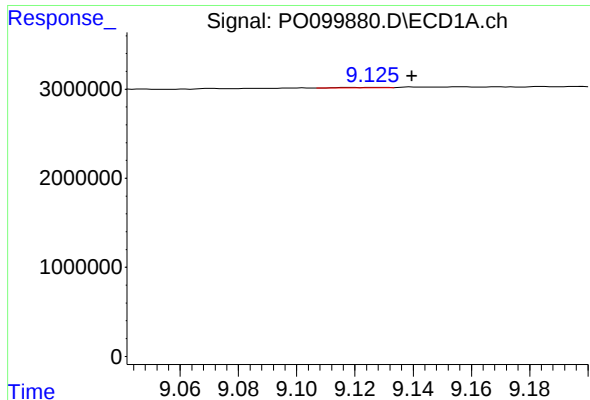
#42 AR-1268-2

R.T.: 8.899 min
Delta R.T.: -0.003 min
Response: 190938
Conc: 1.66 ng/ml



#42 AR-1268-2

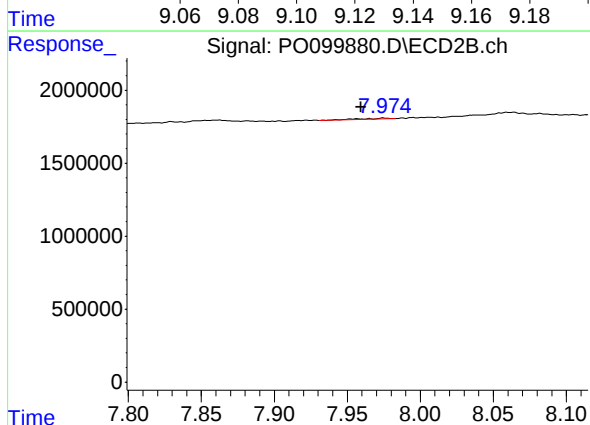
R.T.: 7.726 min
Delta R.T.: -0.022 min
Response: 84933
Conc: 0.65 ng/ml



#43 AR-1268-3

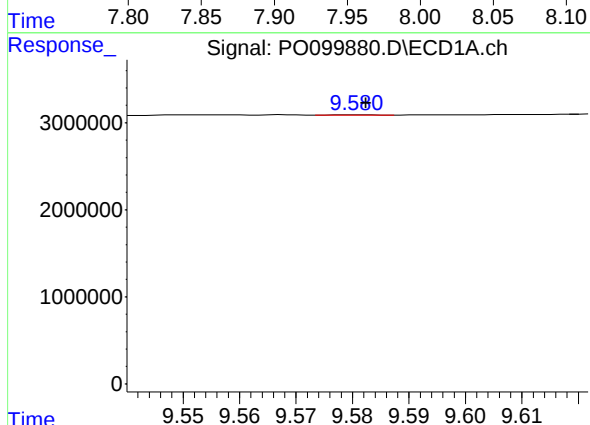
R.T.: 9.126 min
Delta R.T.: -0.014 min
Response: 69509
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



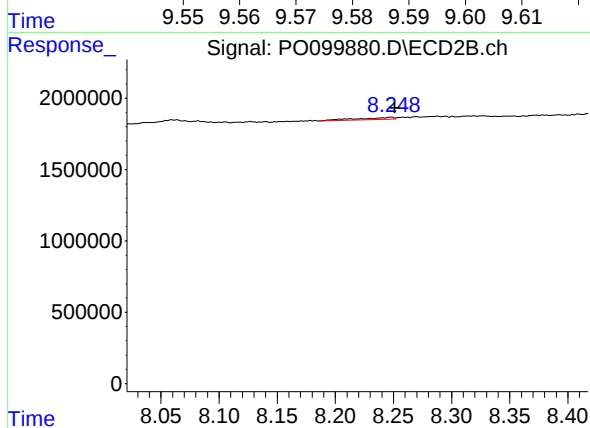
#43 AR-1268-3

R.T.: 7.975 min
Delta R.T.: 0.015 min
Response: 72309
Conc: 0.59 ng/ml



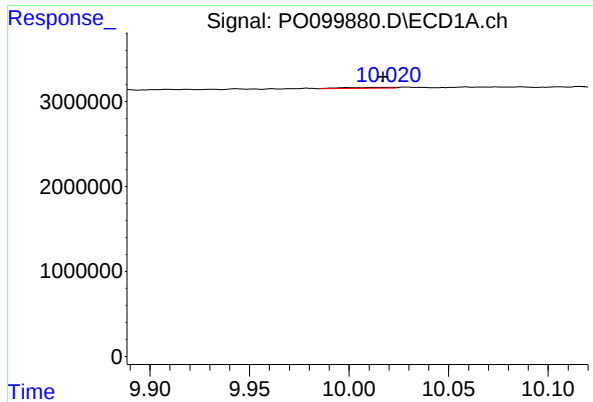
#44 AR-1268-4

R.T.: 9.581 min
Delta R.T.: -0.001 min
Response: 23931
Conc: 0.69 ng/ml



#44 AR-1268-4

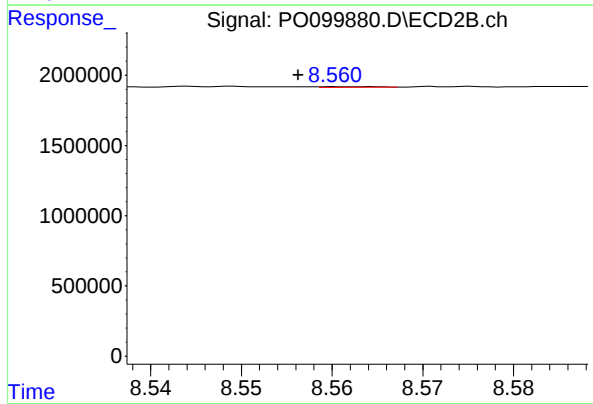
R.T.: 8.247 min
Delta R.T.: -0.004 min
Response: 299485
Conc: 6.95 ng/ml



#45 AR-1268-5

R.T.: 10.020 min
Delta R.T.: 0.003 min
Response: 181072
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.562 min
Delta R.T.: 0.005 min
Response: 19971
Conc: 0.06 ng/ml