

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122123\
 Data File : P0100676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 04:51
 Operator : YP/AJ
 Sample : 05900-10
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 05:25:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 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...	4.349	3.646	44802986	28398843	14.359	13.898
2) SA Decachlor...	10.088	8.705	16764284	12901633	8.025	8.548
Target Compounds						
3) L1 AR-1016-1	5.540	4.749	2059507	736204	23.996	11.896 #
4) L1 AR-1016-2	5.540	4.749	2059507	736204	16.134	8.350 #
5) L1 AR-1016-3	5.589	4.937	761976	698020	9.662	14.942 #
6) L1 AR-1016-4	5.698	4.980	522279	2112838	8.571	51.485 #
7) L1 AR-1016-5	5.994	5.195	1146185	2289143	18.724	44.067 #
8) L2 AR-1221-1	4.556	3.863	714720	1536728	19.334	61.196 #
9) L2 AR-1221-2	4.653	3.949	549916	871103	19.802	45.364 #
10) L2 AR-1221-3	4.755	4.022	3918659	98554	46.951	1.675 #
11) L3 AR-1232-1	4.755	4.022	3918659	98554	58.778	2.084 #
12) L3 AR-1232-2	5.214f	4.749	3064602	736204	87.413	17.651 #
13) L3 AR-1232-3	5.540	4.937	2059507	698020	34.517	32.536
14) L3 AR-1232-4	5.698	5.021	522279	1850575	19.048	87.099 #
15) L3 AR-1232-5	5.791	5.195	1923036	2289143	79.983	104.749 #
16) L4 AR-1242-1	5.540	4.749	2059507	736204	29.200	14.096 #
17) L4 AR-1242-2	5.540	4.749	2059507	736204	19.621	10.158 #
18) L4 AR-1242-3	5.589	4.937	761976	698020	11.722	18.217 #
19) L4 AR-1242-4	5.698	5.021	522279	1850575	10.429	44.398 #
20) L4 AR-1242-5	6.440	5.551	3766859	5599075	72.780	121.999 #
21) L5 AR-1248-1	5.540	4.749	2059507	736204	37.541	18.410 #
22) L5 AR-1248-2	5.791	4.980	1923036	2112838	22.266	35.119 #
23) L5 AR-1248-3	5.994	5.021	1146185	1850575	13.058	29.605 #
24) L5 AR-1248-4	6.399	5.195	3150080	2289143	35.037	31.780
25) L5 AR-1248-5	6.440	5.592	3766859	2351704	41.966	38.120
26) L6 AR-1254-1	6.373	5.551	4934724	5599075	46.944	54.556
27) L6 AR-1254-2	6.593	5.699	6731070	4521986	45.585	49.221
28) L6 AR-1254-3	6.960	6.107	6631722	7389309	47.360	54.639
29) L6 AR-1254-4	7.246	6.337	2689664	1837669	31.638	25.477
30) L6 AR-1254-5	7.667	6.758	10837295	6625104	91.588	57.498 #
31) L7 AR-1260-1	7.125	6.238	4566200	5021853	33.331	52.721 #
32) L7 AR-1260-2	7.381	6.426	5878539	4059540	46.741	37.769
33) L7 AR-1260-3	7.743	6.582	2118899	3579006	21.875	34.918 #
34) L7 AR-1260-4	7.960	7.057	3485586	1147010	33.031	14.069 #
35) L7 AR-1260-5	8.287	7.300	5564426	2350159	26.360	13.022 #
36) L8 AR-1262-1	7.667	6.758	10837295	6625104	108.482	106.208
37) L8 AR-1262-2	8.287	7.057	5564426	1147010	23.448	10.150 #
38) L8 AR-1262-3	8.605	7.586	5132344	667038	31.603	8.662 #
39) L8 AR-1262-4	8.684	7.648	1987796	1927014	15.417	13.044
40) L8 AR-1262-5	9.338	8.148	451732	757692	5.662	11.848 #
41) L9 AR-1268-1	8.605	7.586	5132344	667038	18.164	3.009 #

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 Quant Time: Dec 22 05:25:52 2023
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 Integrator: ChemStation

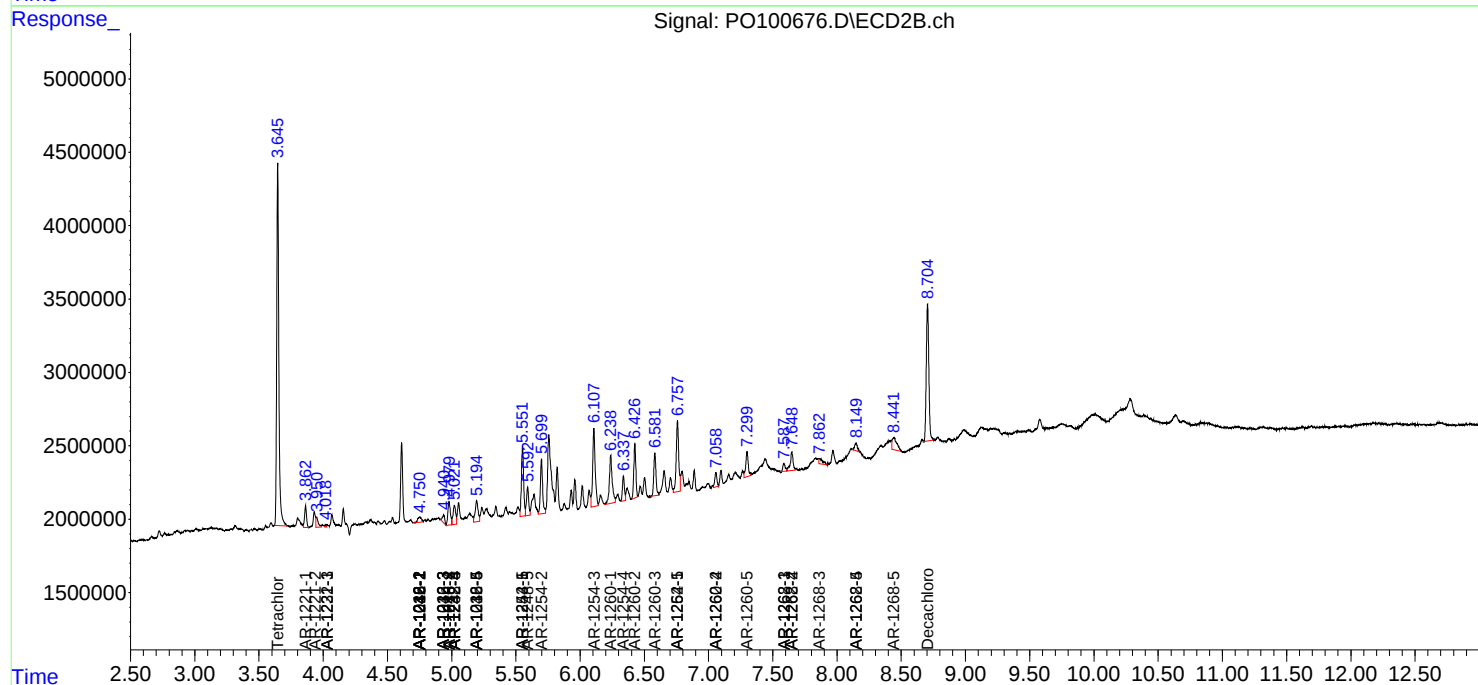
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

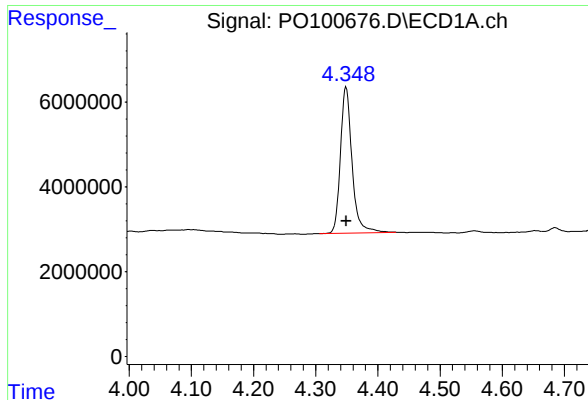
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.684	7.648	1987796	1927014	7.866	9.527
43) L9	AR-1268-3	0.000	7.862	0	731669	N.D.	3.878 #
44) L9	AR-1268-4	9.338	8.148	451732	757692	5.769	11.285 #
45) L9	AR-1268-5	9.752	8.441	77441	2092960	0.108	4.034 #

(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

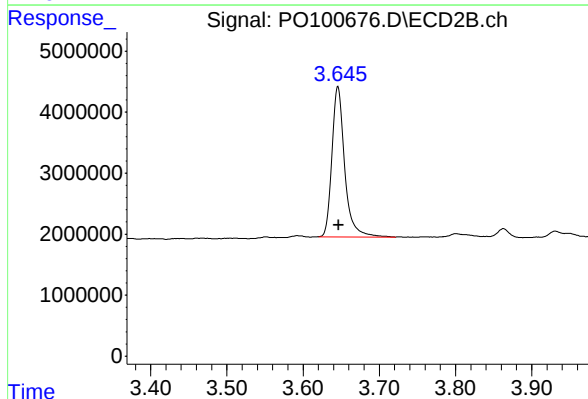




#1 Tetrachloro-m-xylene

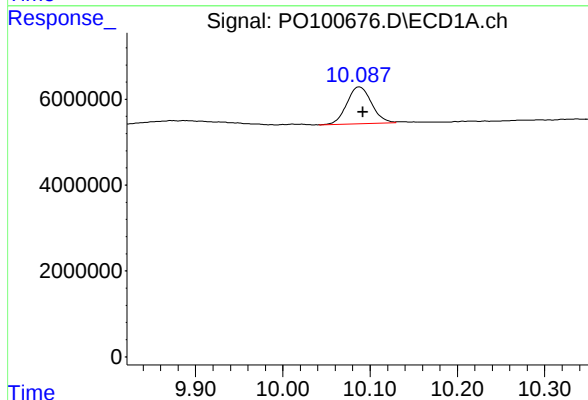
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 44802986
Conc: 14.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



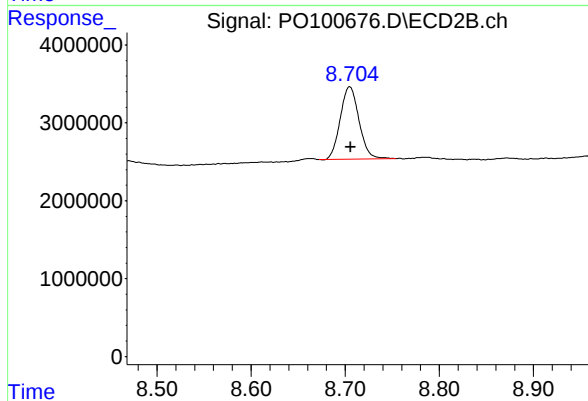
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 28398843
Conc: 13.90 ng/ml



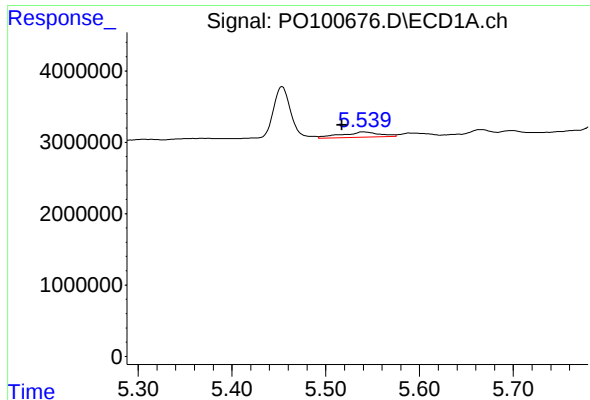
#2 Decachlorobiphenyl

R.T.: 10.088 min
Delta R.T.: -0.004 min
Response: 16764284
Conc: 8.02 ng/ml



#2 Decachlorobiphenyl

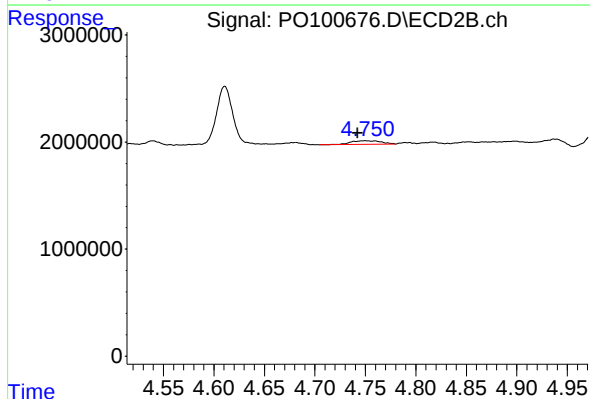
R.T.: 8.705 min
Delta R.T.: -0.001 min
Response: 12901633
Conc: 8.55 ng/ml



#3 AR-1016-1

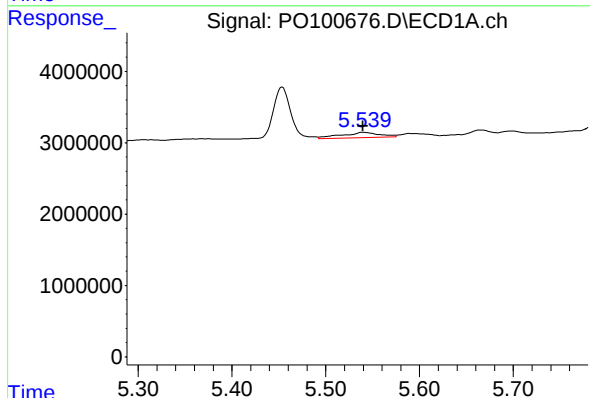
R.T.: 5.540 min
Delta R.T.: 0.022 min
Response: 2059507
Conc: 24.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



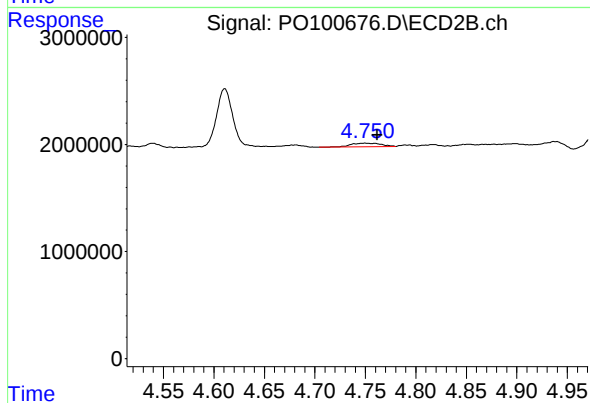
#3 AR-1016-1

R.T.: 4.749 min
Delta R.T.: 0.007 min
Response: 736204
Conc: 11.90 ng/ml



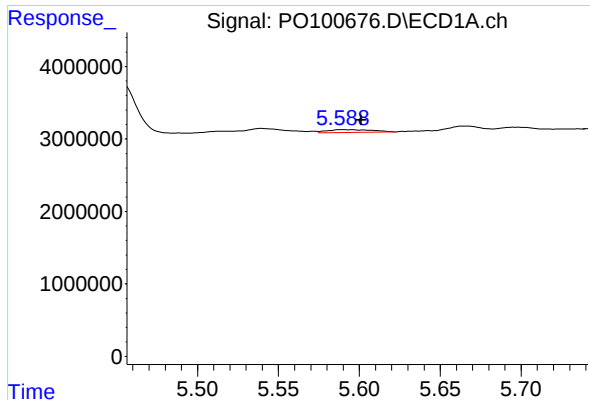
#4 AR-1016-2

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 2059507
Conc: 16.13 ng/ml



#4 AR-1016-2

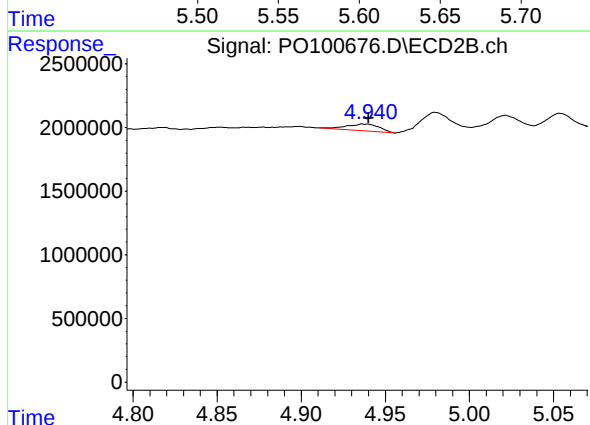
R.T.: 4.749 min
Delta R.T.: -0.012 min
Response: 736204
Conc: 8.35 ng/ml



#5 AR-1016-3

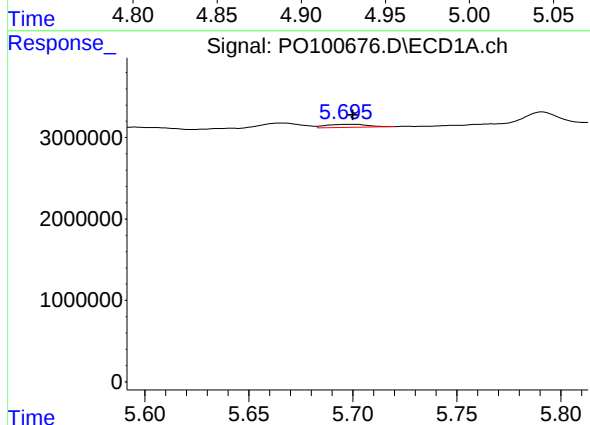
R.T.: 5.589 min
Delta R.T.: -0.012 min
Response: 761976
Conc: 9.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



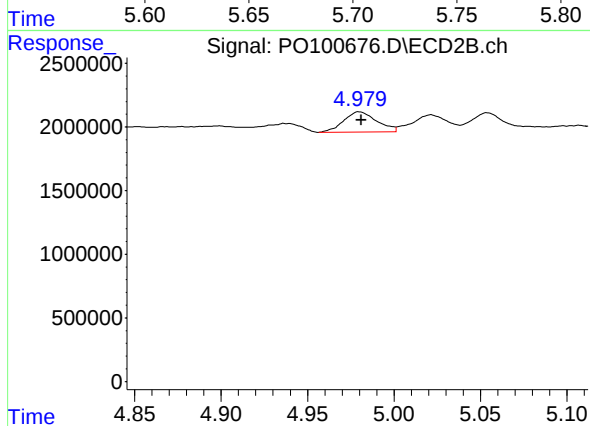
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: -0.003 min
Response: 698020
Conc: 14.94 ng/ml



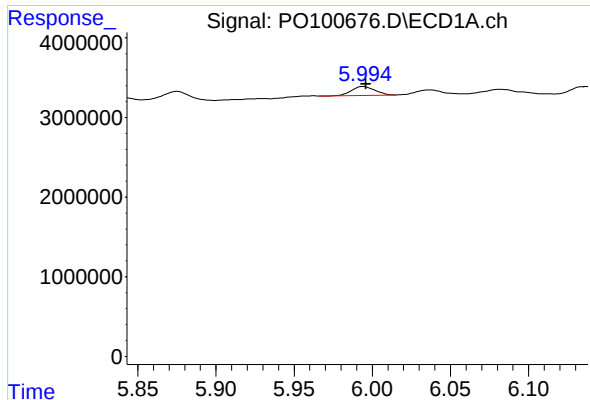
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 522279
Conc: 8.57 ng/ml



#6 AR-1016-4

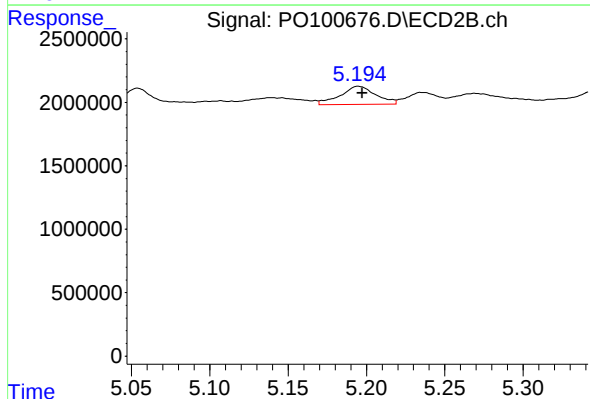
R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 2112838
Conc: 51.48 ng/ml



#7 AR-1016-5

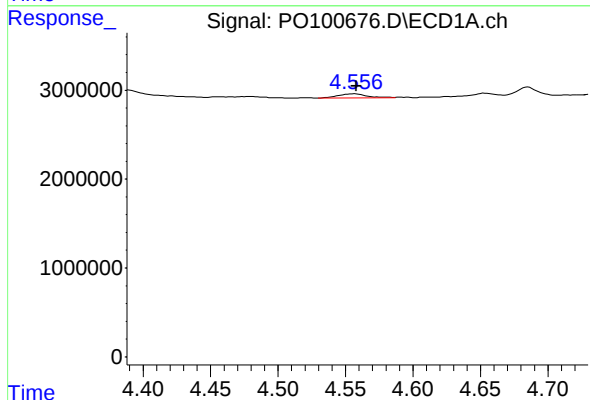
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 1146185
Conc: 18.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



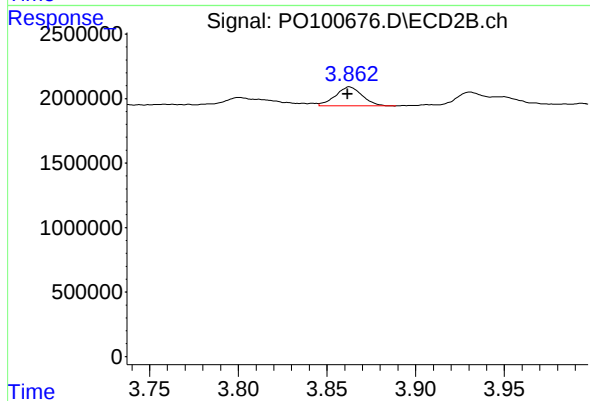
#7 AR-1016-5

R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 2289143
Conc: 44.07 ng/ml



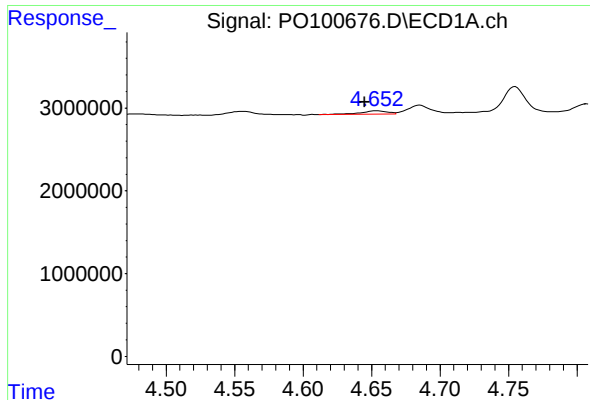
#8 AR-1221-1

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 714720
Conc: 19.33 ng/ml



#8 AR-1221-1

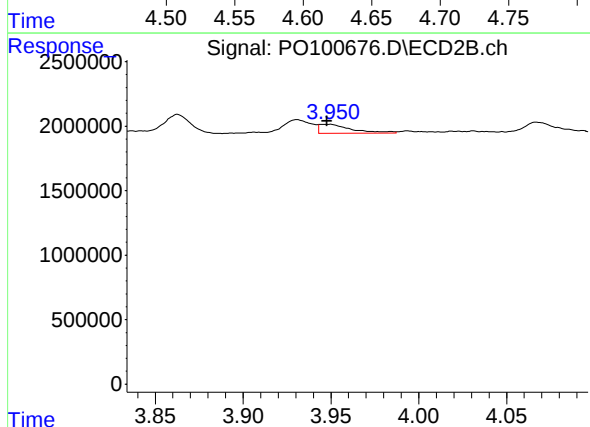
R.T.: 3.863 min
Delta R.T.: 0.001 min
Response: 1536728
Conc: 61.20 ng/ml



#9 AR-1221-2

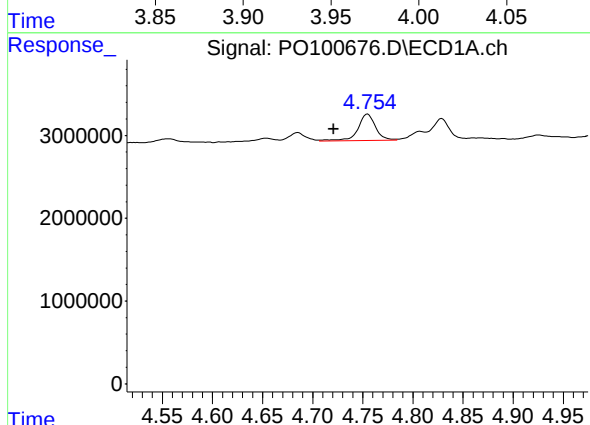
R.T.: 4.653 min
Delta R.T.: 0.008 min
Response: 549916
Conc: 19.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



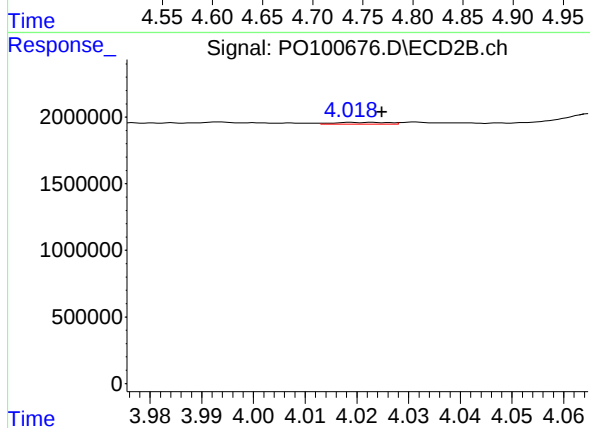
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 871103
Conc: 45.36 ng/ml



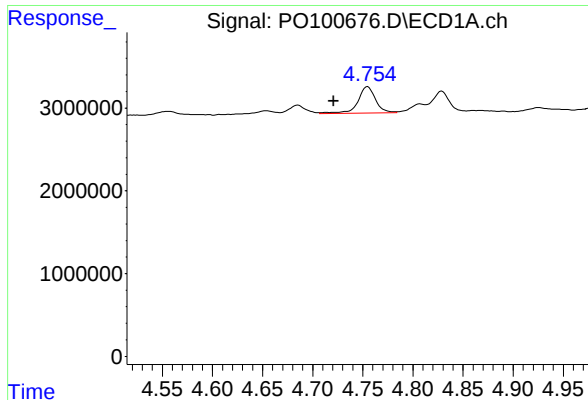
#10 AR-1221-3

R.T.: 4.755 min
Delta R.T.: 0.034 min
Response: 3918659
Conc: 46.95 ng/ml



#10 AR-1221-3

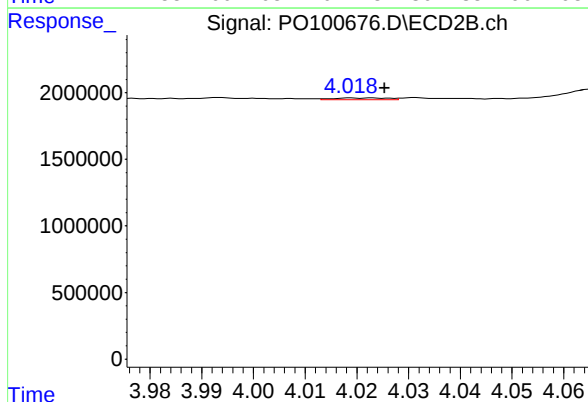
R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 98554
Conc: 1.67 ng/ml



#11 AR-1232-1

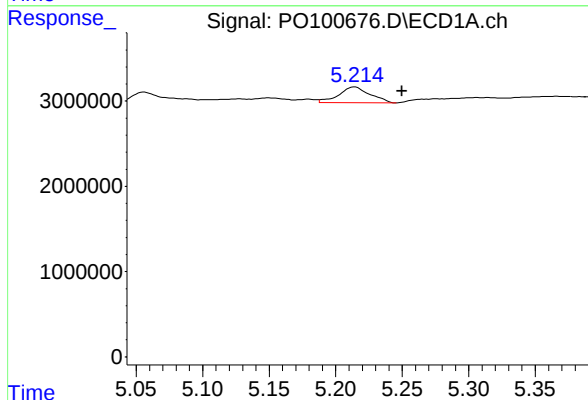
R.T.: 4.755 min
Delta R.T.: 0.034 min
Response: 3918659
Conc: 58.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



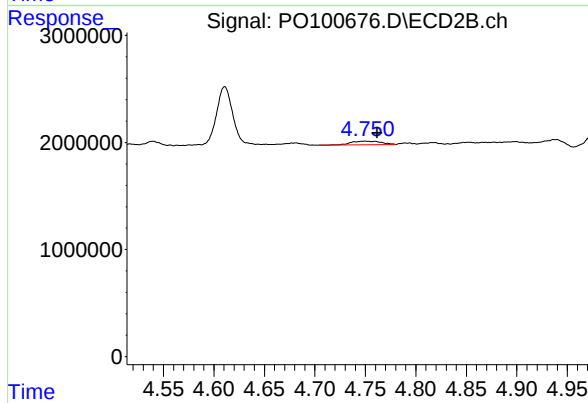
#11 AR-1232-1

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 98554
Conc: 2.08 ng/ml



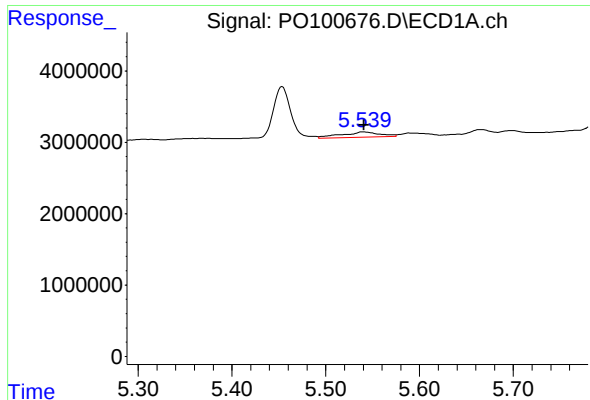
#12 AR-1232-2

R.T.: 5.214 min
Delta R.T.: -0.035 min
Response: 3064602
Conc: 87.41 ng/ml



#12 AR-1232-2

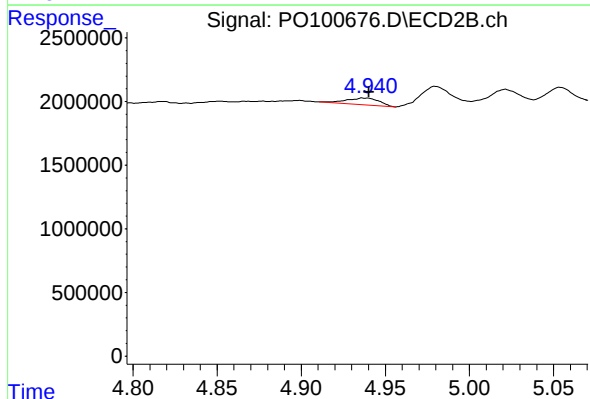
R.T.: 4.749 min
Delta R.T.: -0.012 min
Response: 736204
Conc: 17.65 ng/ml



#13 AR-1232-3

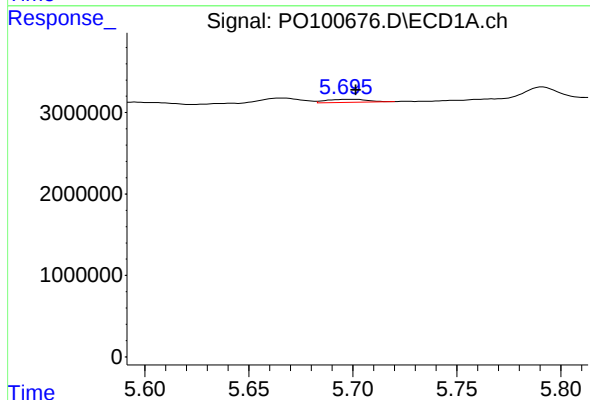
R.T.: 5.540 min
Delta R.T.: -0.001 min
Response: 2059507
Conc: 34.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



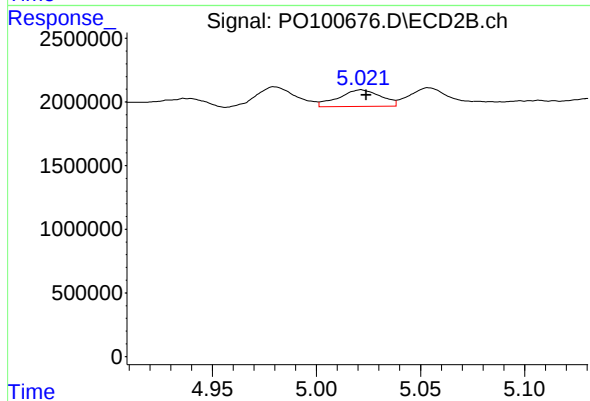
#13 AR-1232-3

R.T.: 4.937 min
Delta R.T.: -0.003 min
Response: 698020
Conc: 32.54 ng/ml



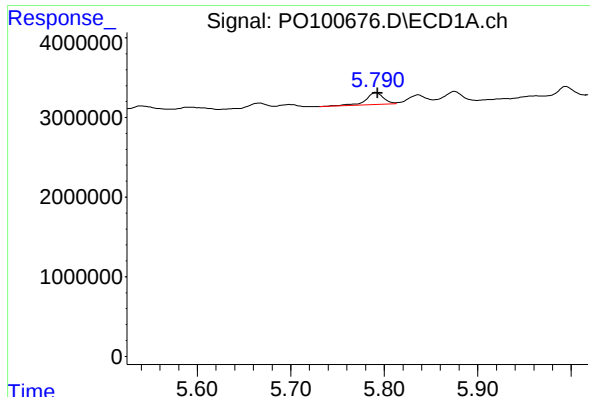
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 522279
Conc: 19.05 ng/ml



#14 AR-1232-4

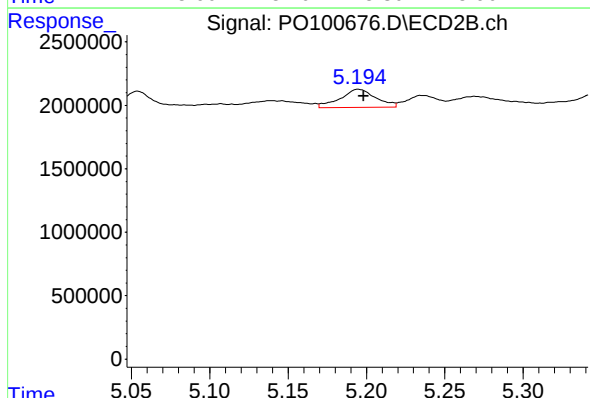
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 1850575
Conc: 87.10 ng/ml



#15 AR-1232-5

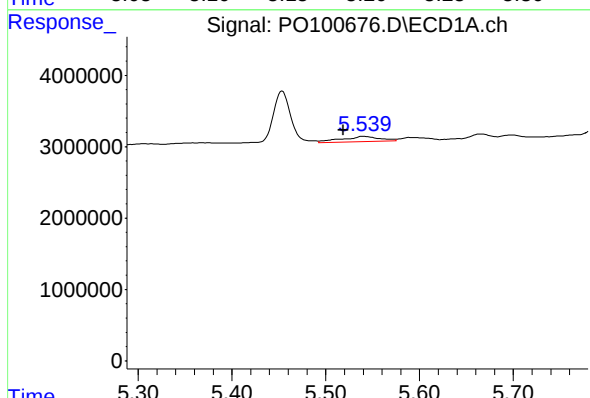
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 1923036
Conc: 79.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



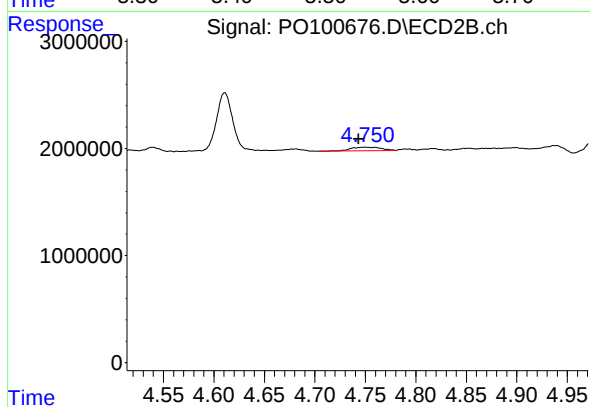
#15 AR-1232-5

R.T.: 5.195 min
Delta R.T.: -0.003 min
Response: 2289143
Conc: 104.75 ng/ml



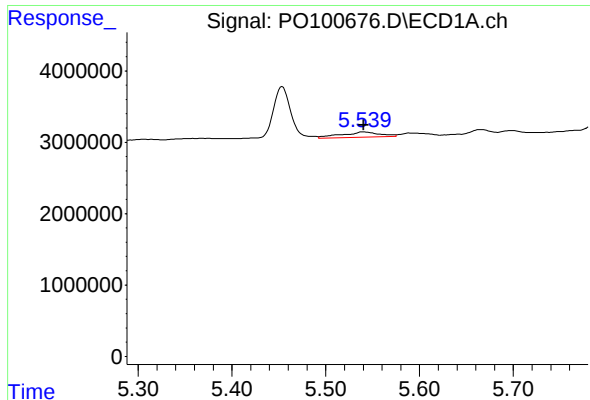
#16 AR-1242-1

R.T.: 5.540 min
Delta R.T.: 0.021 min
Response: 2059507
Conc: 29.20 ng/ml



#16 AR-1242-1

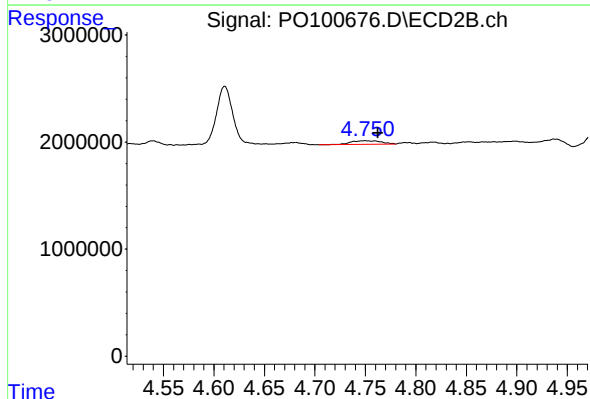
R.T.: 4.749 min
Delta R.T.: 0.006 min
Response: 736204
Conc: 14.10 ng/ml



#17 AR-1242-2

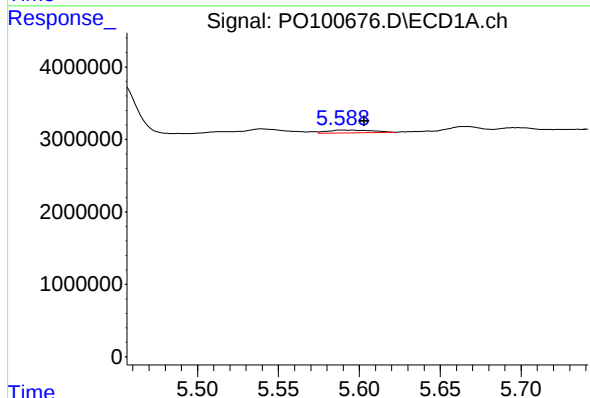
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 2059507
Conc: 19.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



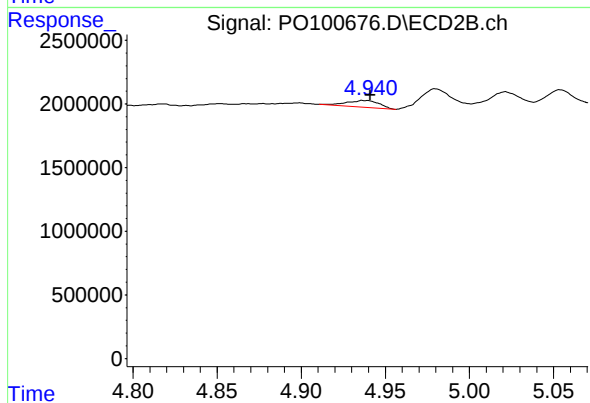
#17 AR-1242-2

R.T.: 4.749 min
Delta R.T.: -0.013 min
Response: 736204
Conc: 10.16 ng/ml



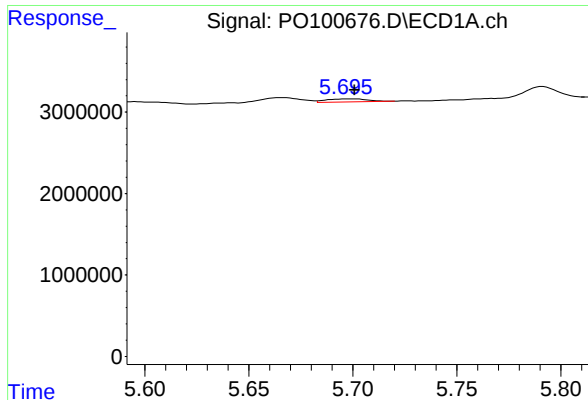
#18 AR-1242-3

R.T.: 5.589 min
Delta R.T.: -0.014 min
Response: 761976
Conc: 11.72 ng/ml



#18 AR-1242-3

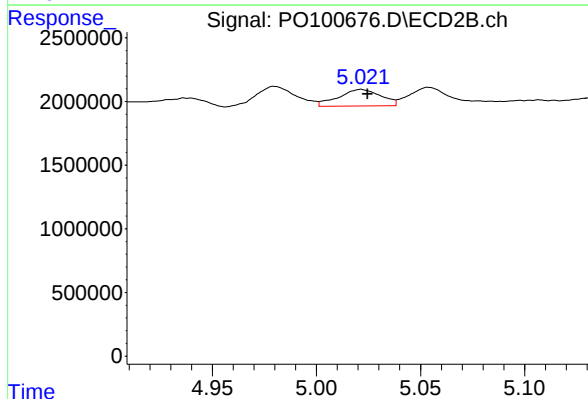
R.T.: 4.937 min
Delta R.T.: -0.004 min
Response: 698020
Conc: 18.22 ng/ml



#19 AR-1242-4

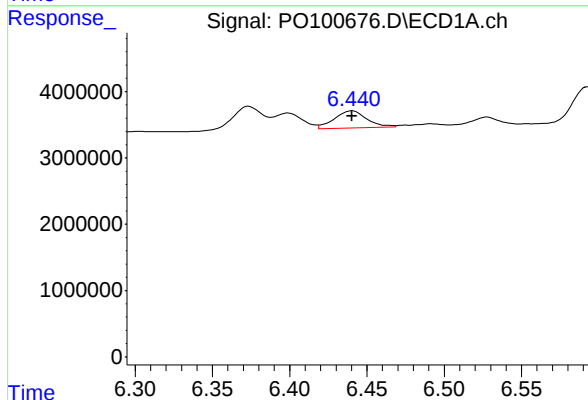
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 522279
Conc: 10.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



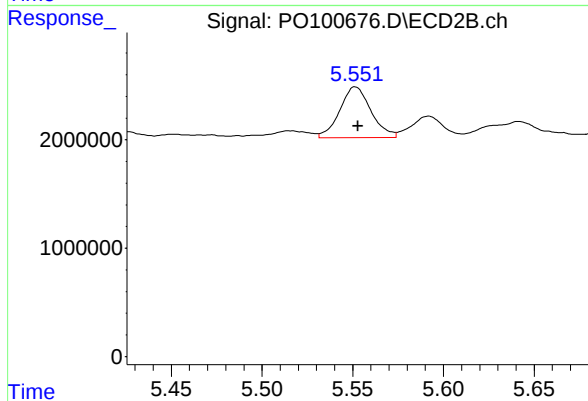
#19 AR-1242-4

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 1850575
Conc: 44.40 ng/ml



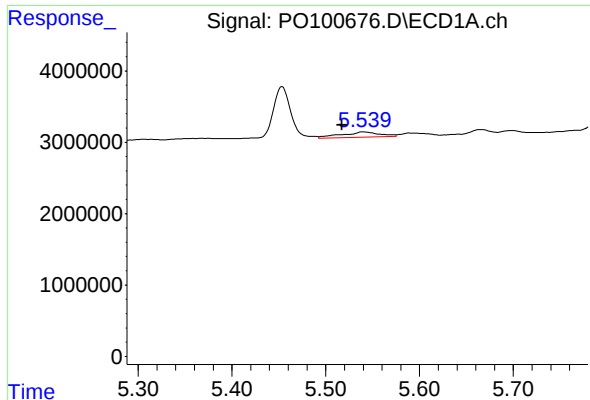
#20 AR-1242-5

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 3766859
Conc: 72.78 ng/ml



#20 AR-1242-5

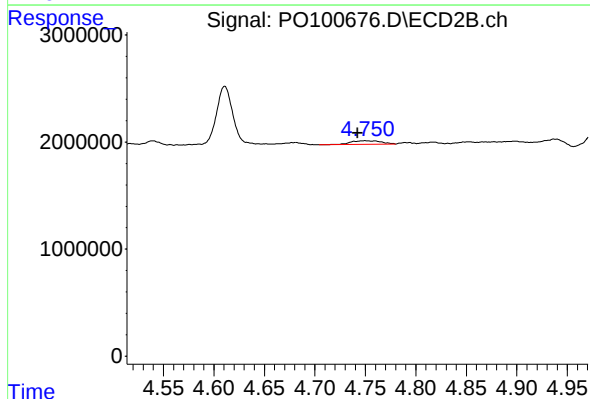
R.T.: 5.551 min
Delta R.T.: -0.001 min
Response: 5599075
Conc: 122.00 ng/ml



#21 AR-1248-1

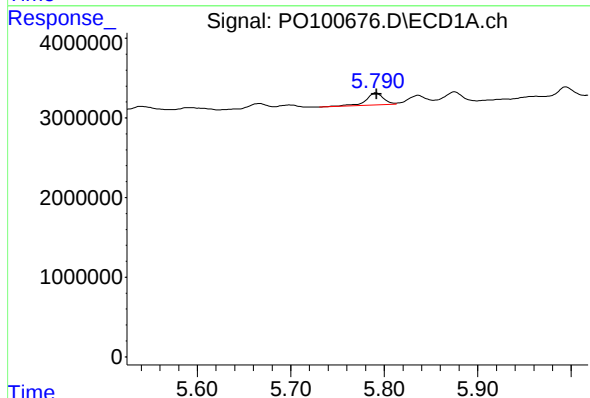
R.T.: 5.540 min
Delta R.T.: 0.022 min
Response: 2059507
Conc: 37.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



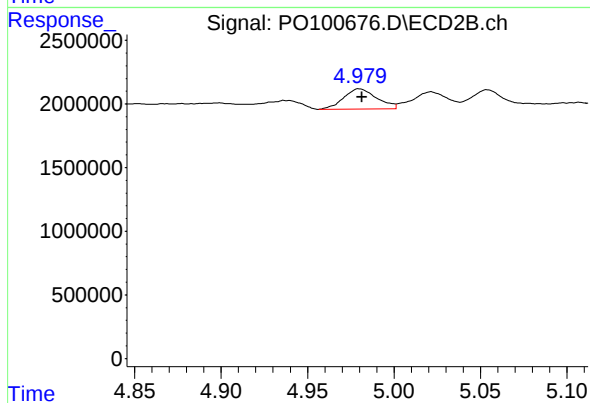
#21 AR-1248-1

R.T.: 4.749 min
Delta R.T.: 0.007 min
Response: 736204
Conc: 18.41 ng/ml



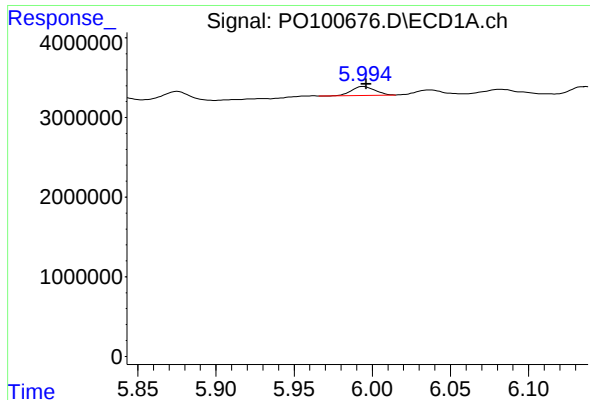
#22 AR-1248-2

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 1923036
Conc: 22.27 ng/ml



#22 AR-1248-2

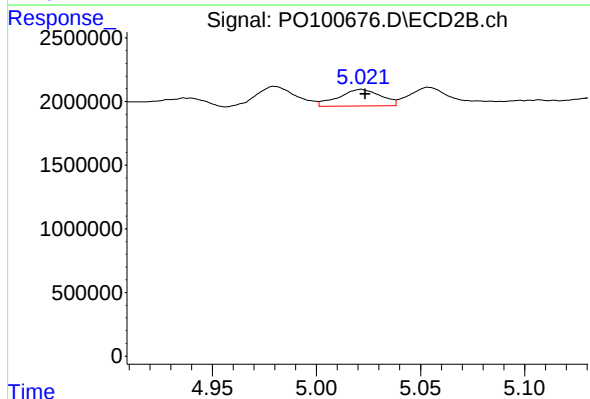
R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 2112838
Conc: 35.12 ng/ml



#23 AR-1248-3

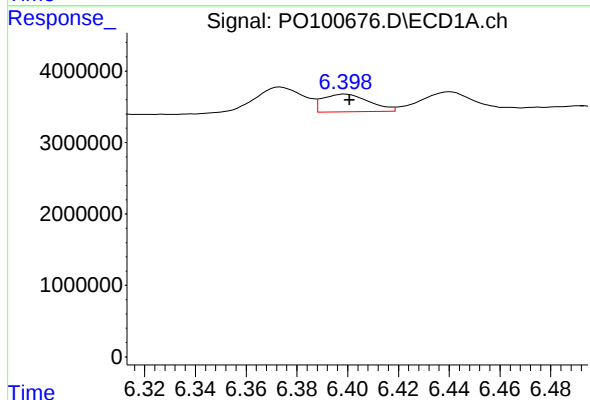
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 1146185
Conc: 13.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



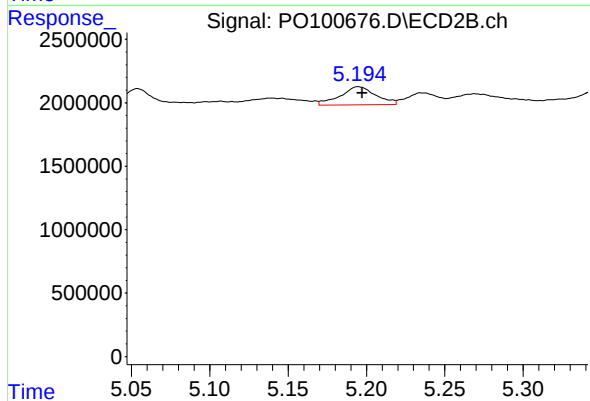
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 1850575
Conc: 29.60 ng/ml



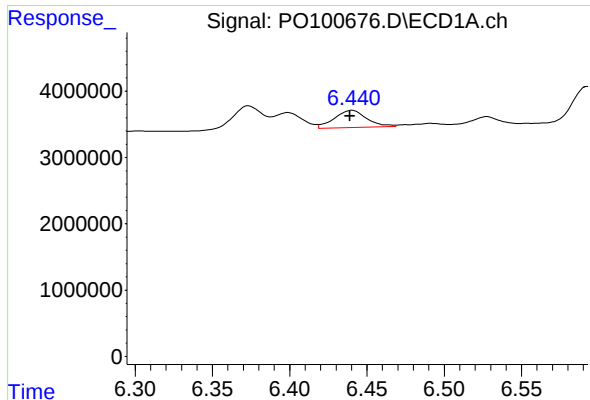
#24 AR-1248-4

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 3150080
Conc: 35.04 ng/ml



#24 AR-1248-4

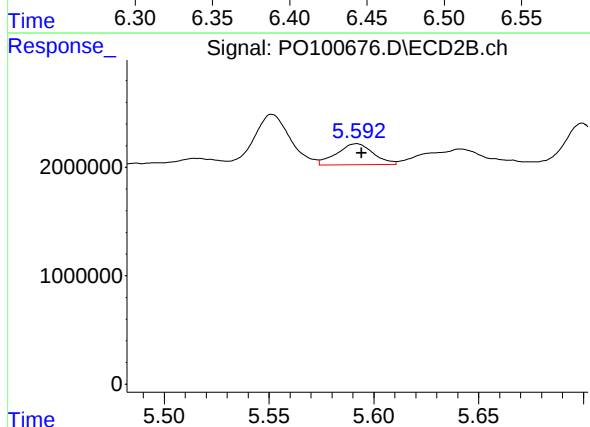
R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 2289143
Conc: 31.78 ng/ml



#25 AR-1248-5

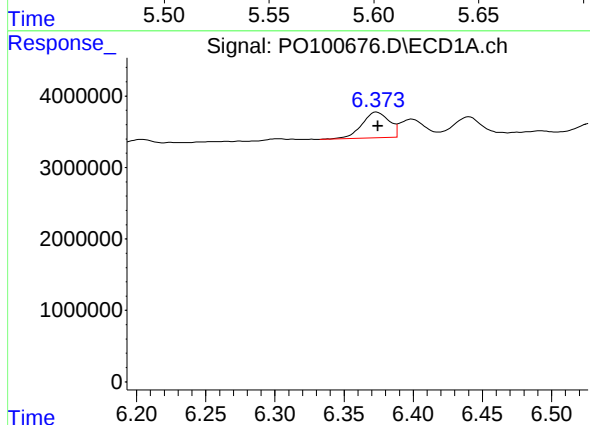
R.T.: 6.440 min
Delta R.T.: 0.001 min
Response: 3766859
Conc: 41.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



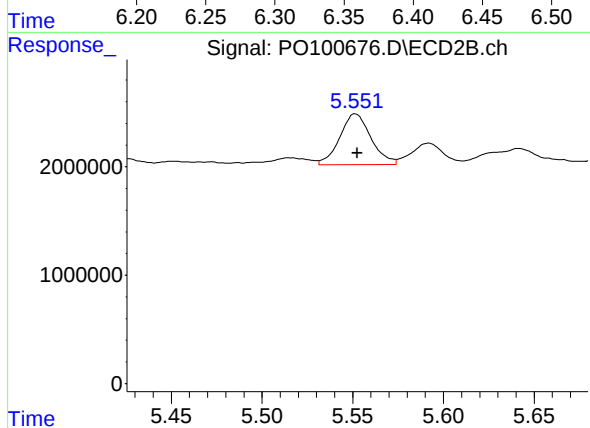
#25 AR-1248-5

R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 2351704
Conc: 38.12 ng/ml



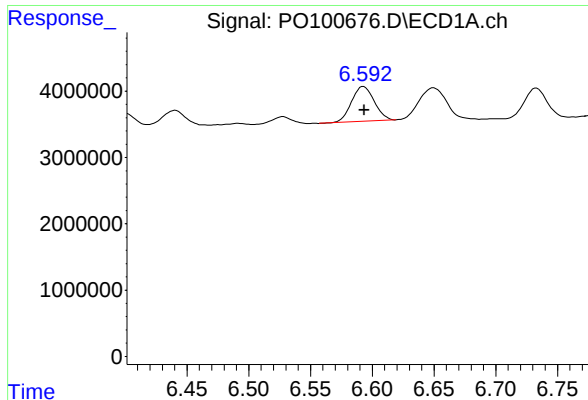
#26 AR-1254-1

R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 4934724
Conc: 46.94 ng/ml



#26 AR-1254-1

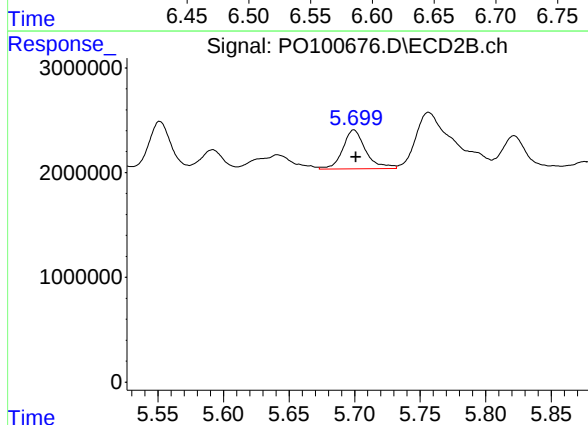
R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 5599075
Conc: 54.56 ng/ml



#27 AR-1254-2

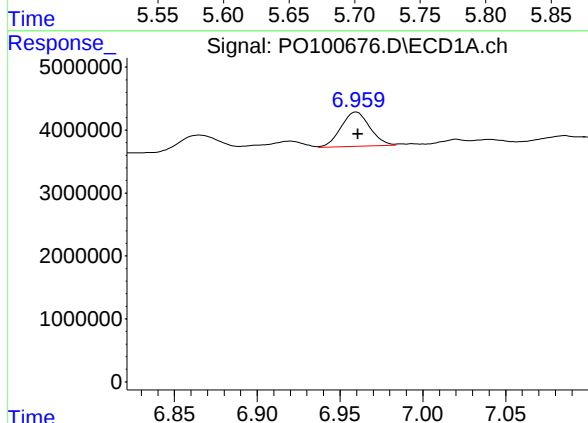
R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 6731070
Conc: 45.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



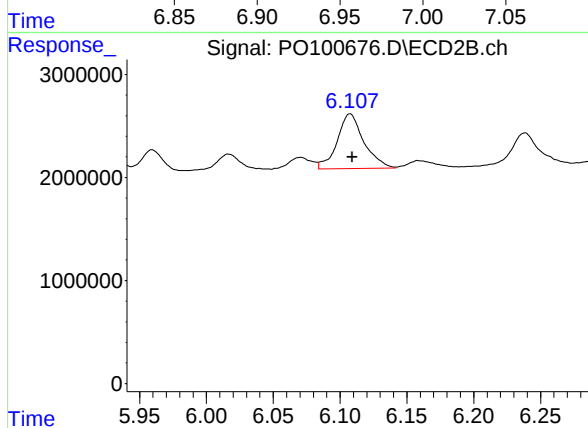
#27 AR-1254-2

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 4521986
Conc: 49.22 ng/ml



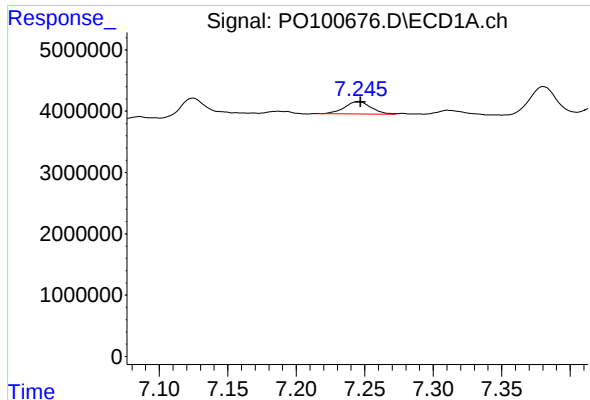
#28 AR-1254-3

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 6631722
Conc: 47.36 ng/ml



#28 AR-1254-3

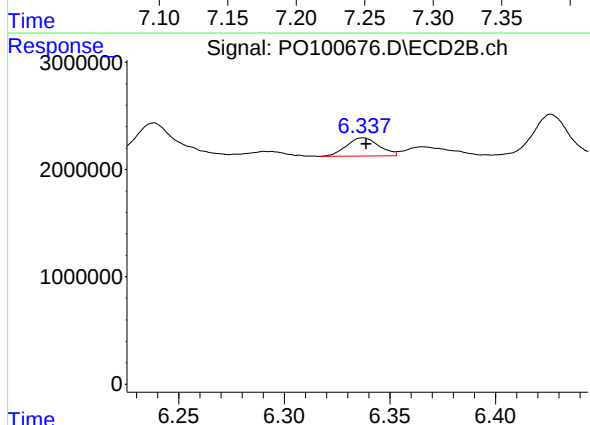
R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 7389309
Conc: 54.64 ng/ml



#29 AR-1254-4

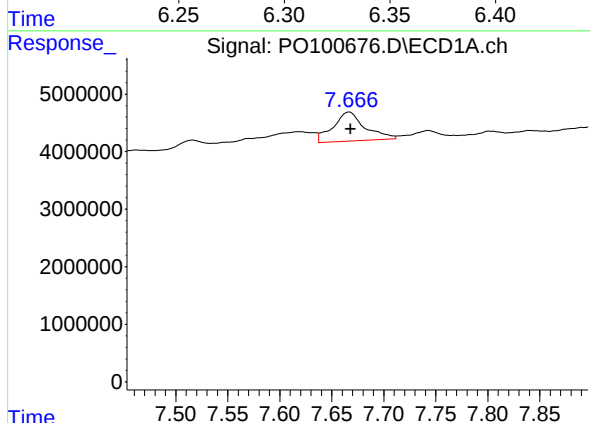
R.T.: 7.246 min
Delta R.T.: -0.001 min
Response: 2689664
Conc: 31.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



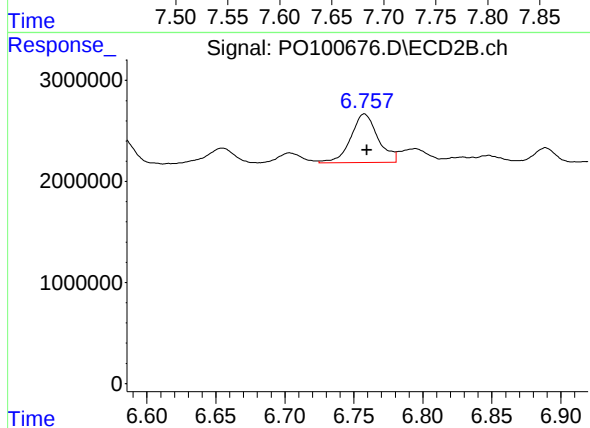
#29 AR-1254-4

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 1837669
Conc: 25.48 ng/ml



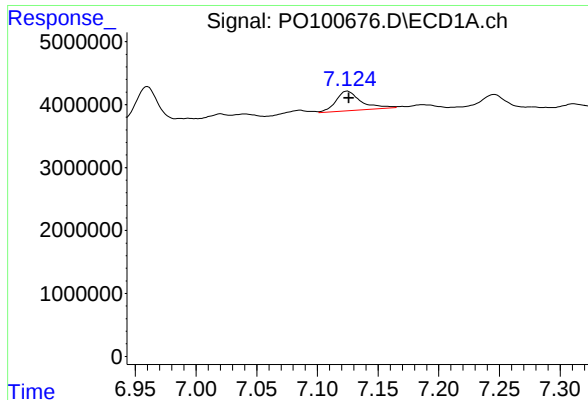
#30 AR-1254-5

R.T.: 7.667 min
Delta R.T.: -0.001 min
Response: 10837295
Conc: 91.59 ng/ml



#30 AR-1254-5

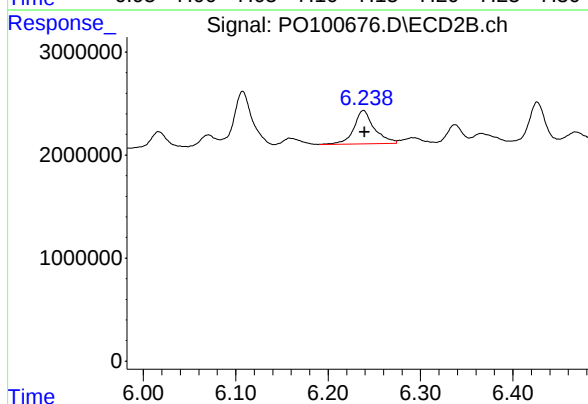
R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 6625104
Conc: 57.50 ng/ml



#31 AR-1260-1

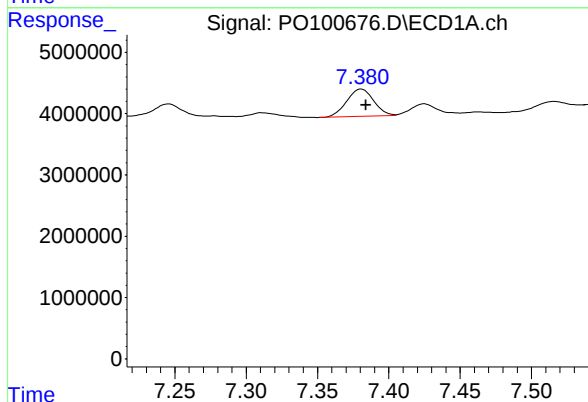
R.T.: 7.125 min
Delta R.T.: -0.001 min
Response: 4566200
Conc: 33.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



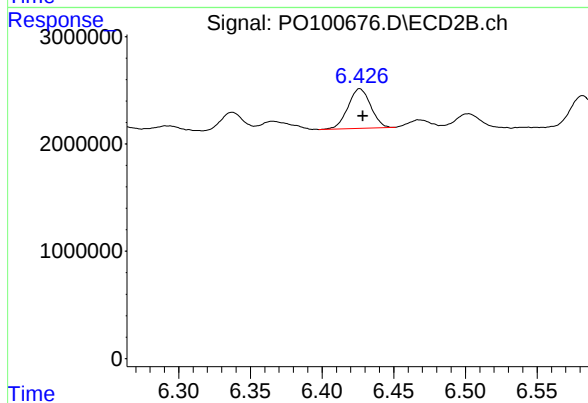
#31 AR-1260-1

R.T.: 6.238 min
Delta R.T.: -0.001 min
Response: 5021853
Conc: 52.72 ng/ml



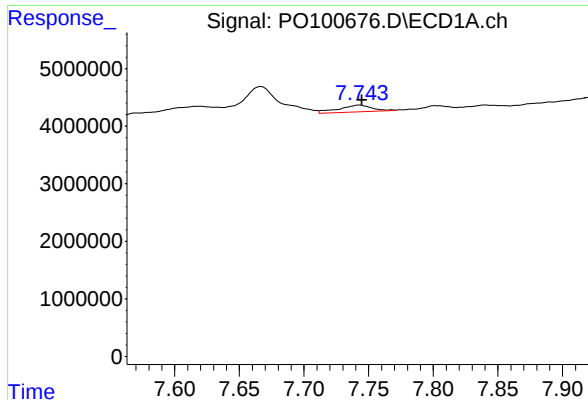
#32 AR-1260-2

R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 5878539
Conc: 46.74 ng/ml



#32 AR-1260-2

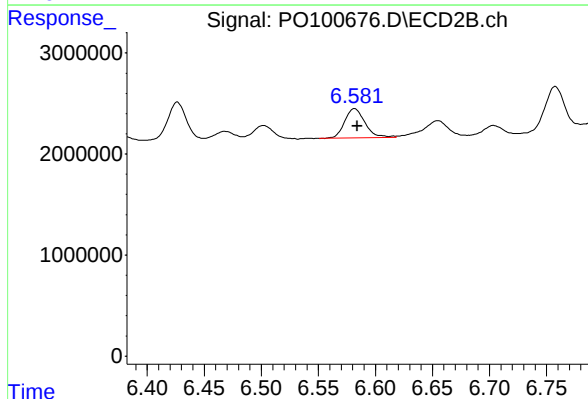
R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 4059540
Conc: 37.77 ng/ml



#33 AR-1260-3

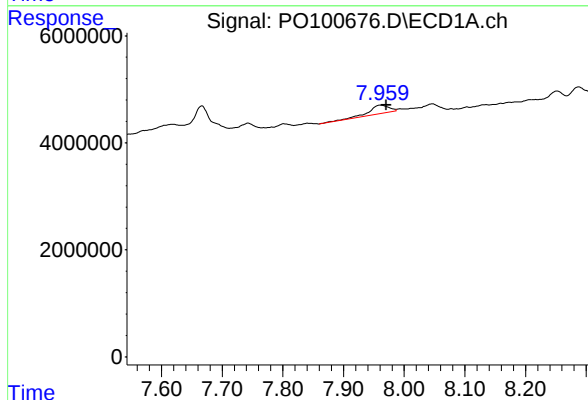
R.T.: 7.743 min
Delta R.T.: -0.002 min
Response: 2118899
Conc: 21.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



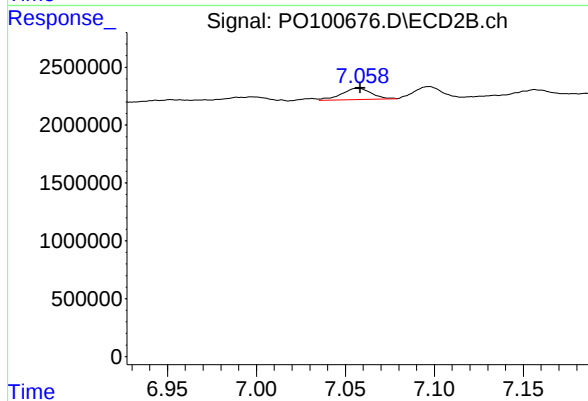
#33 AR-1260-3

R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 3579006
Conc: 34.92 ng/ml



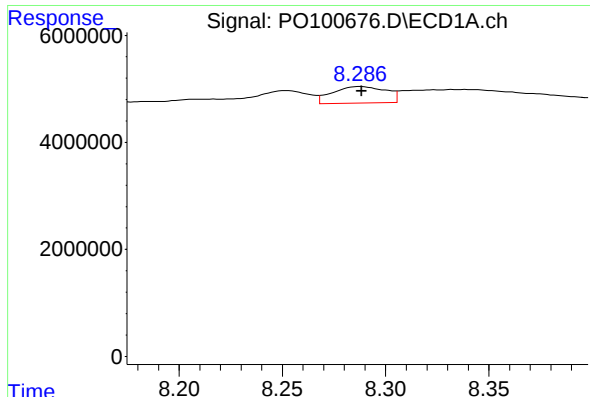
#34 AR-1260-4

R.T.: 7.960 min
Delta R.T.: -0.010 min
Response: 3485586
Conc: 33.03 ng/ml



#34 AR-1260-4

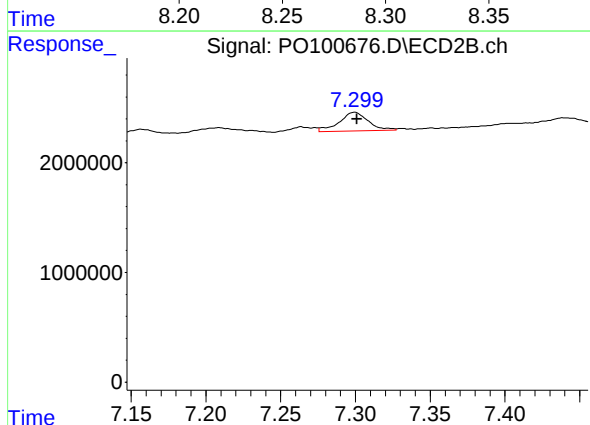
R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 1147010
Conc: 14.07 ng/ml



#35 AR-1260-5

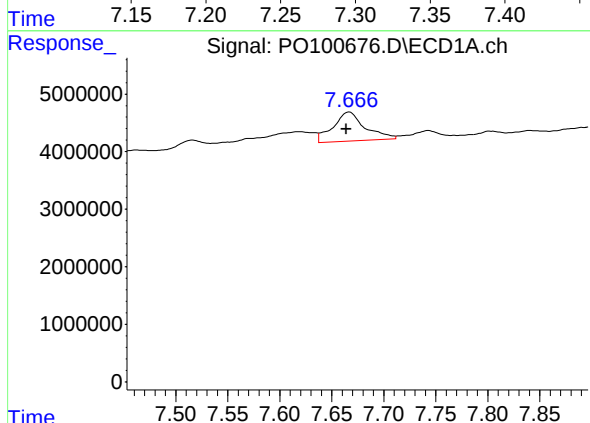
R.T.: 8.287 min
Delta R.T.: -0.001 min
Response: 5564426
Conc: 26.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



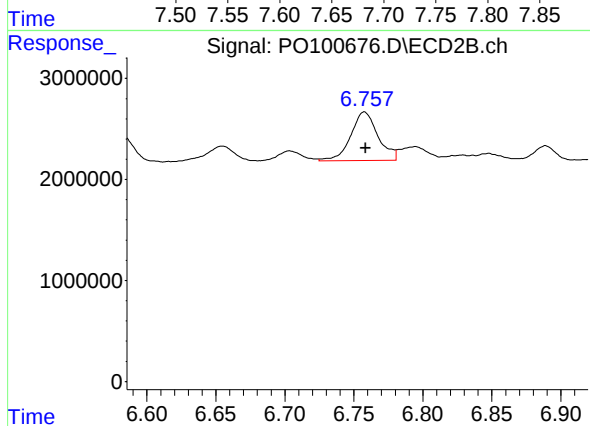
#35 AR-1260-5

R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 2350159
Conc: 13.02 ng/ml



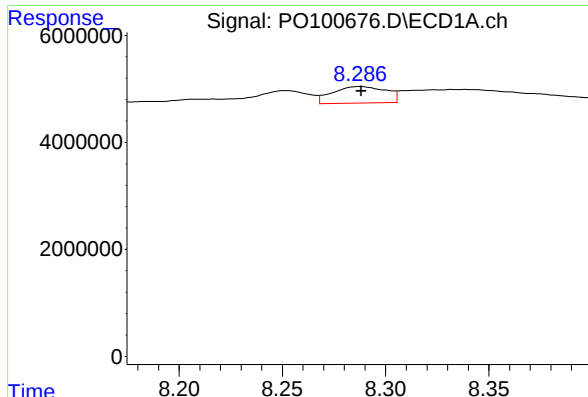
#36 AR-1262-1

R.T.: 7.667 min
Delta R.T.: 0.003 min
Response: 10837295
Conc: 108.48 ng/ml



#36 AR-1262-1

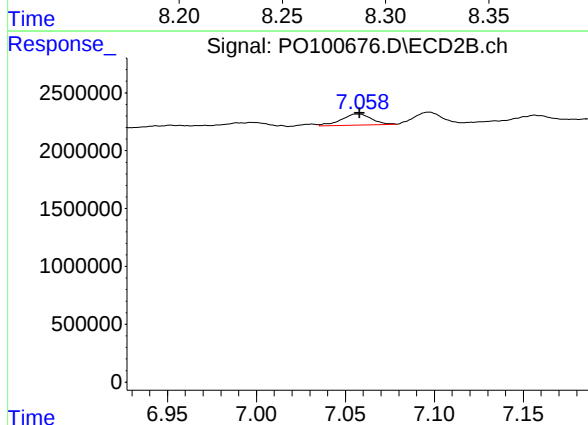
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 6625104
Conc: 106.21 ng/ml



#37 AR-1262-2

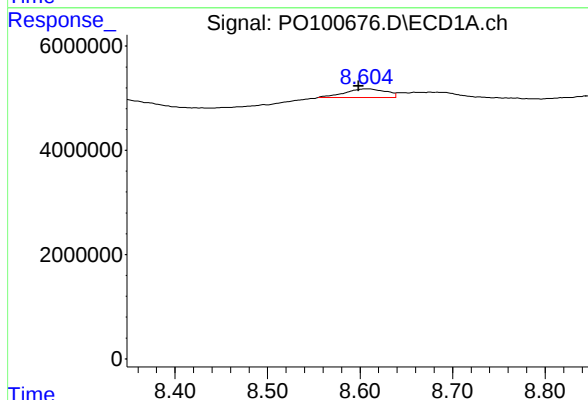
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 5564426
Conc: 23.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



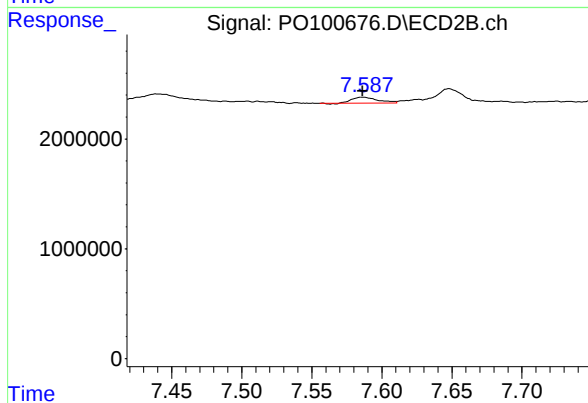
#37 AR-1262-2

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 1147010
Conc: 10.15 ng/ml



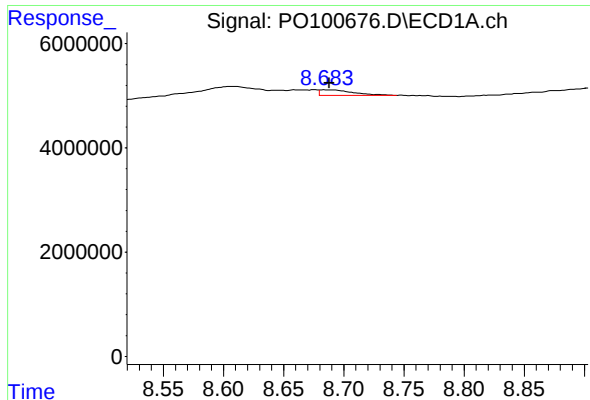
#38 AR-1262-3

R.T.: 8.605 min
Delta R.T.: 0.007 min
Response: 5132344
Conc: 31.60 ng/ml



#38 AR-1262-3

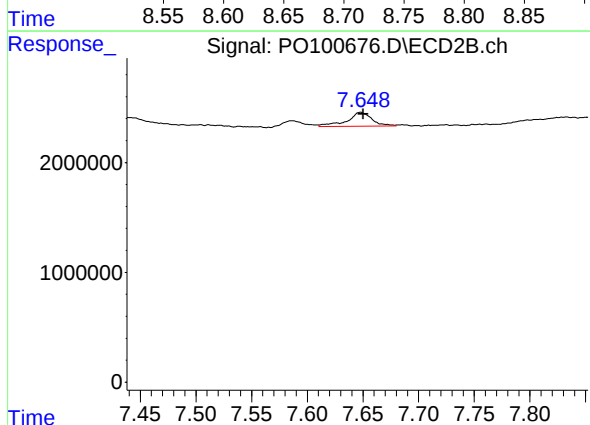
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 667038
Conc: 8.66 ng/ml



#39 AR-1262-4

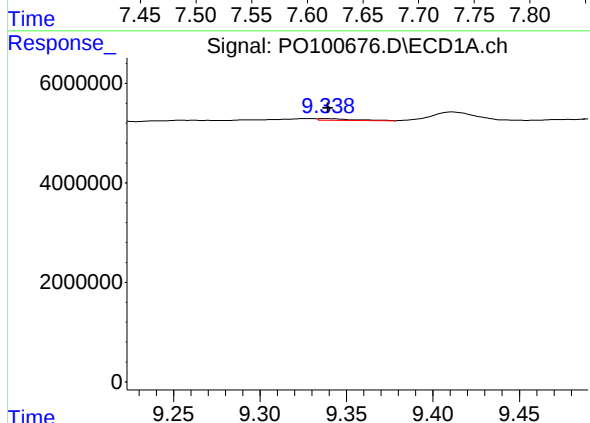
R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 1987796
Conc: 15.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



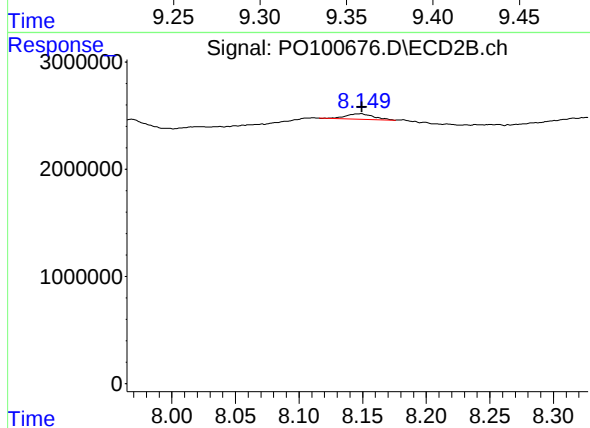
#39 AR-1262-4

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 1927014
Conc: 13.04 ng/ml



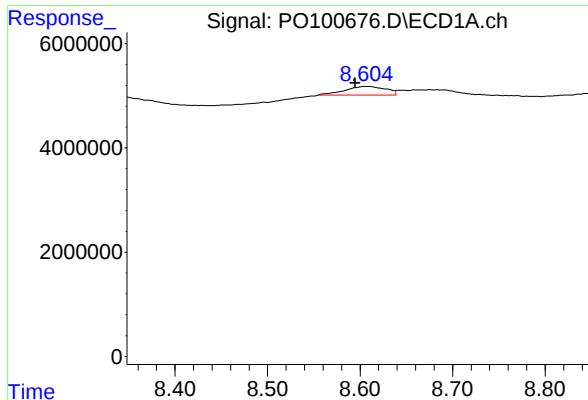
#40 AR-1262-5

R.T.: 9.338 min
Delta R.T.: 0.000 min
Response: 451732
Conc: 5.66 ng/ml



#40 AR-1262-5

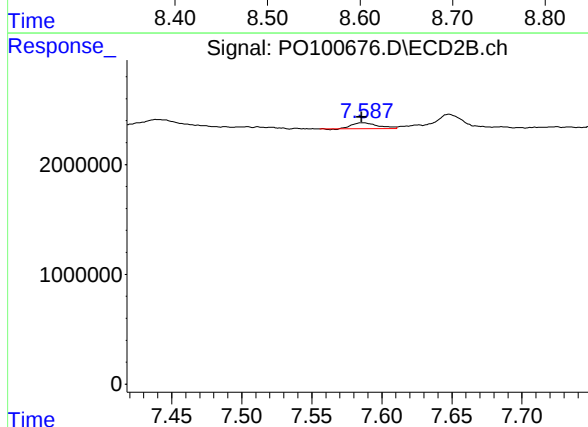
R.T.: 8.148 min
Delta R.T.: -0.001 min
Response: 757692
Conc: 11.85 ng/ml



#41 AR-1268-1

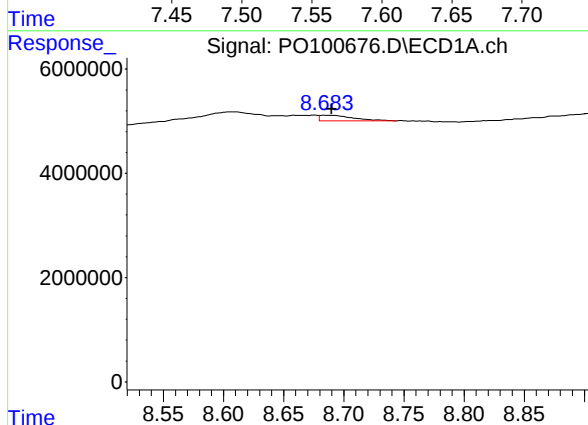
R.T.: 8.605 min
Delta R.T.: 0.011 min
Response: 5132344
Conc: 18.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



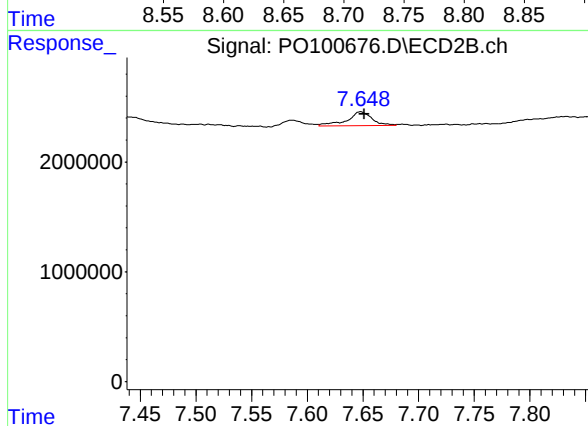
#41 AR-1268-1

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 667038
Conc: 3.01 ng/ml



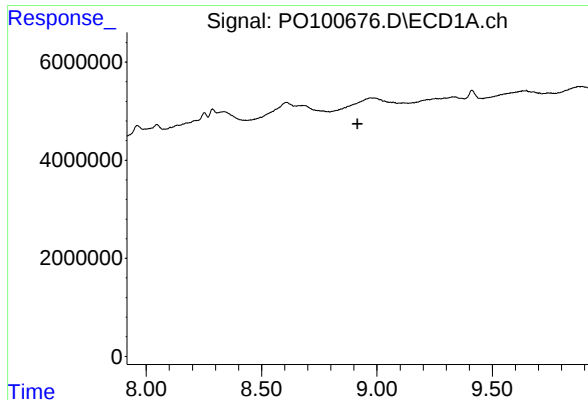
#42 AR-1268-2

R.T.: 8.684 min
Delta R.T.: -0.006 min
Response: 1987796
Conc: 7.87 ng/ml



#42 AR-1268-2

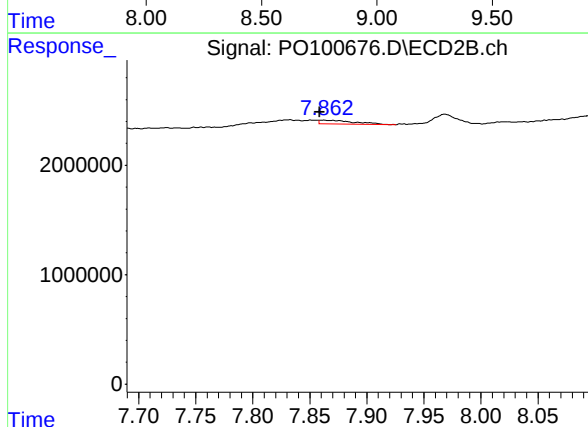
R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 1927014
Conc: 9.53 ng/ml



#43 AR-1268-3

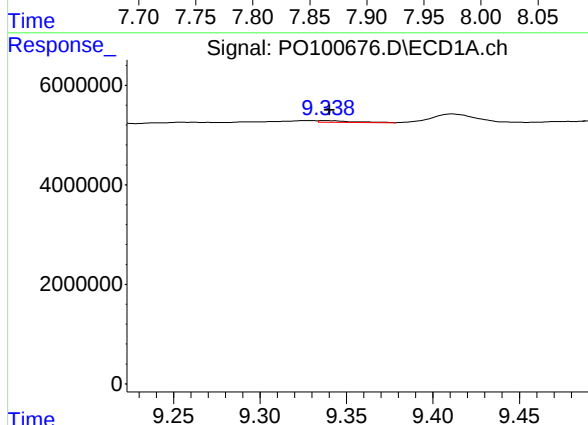
R.T.: 0.000 min
Exp R.T.: 8.916 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



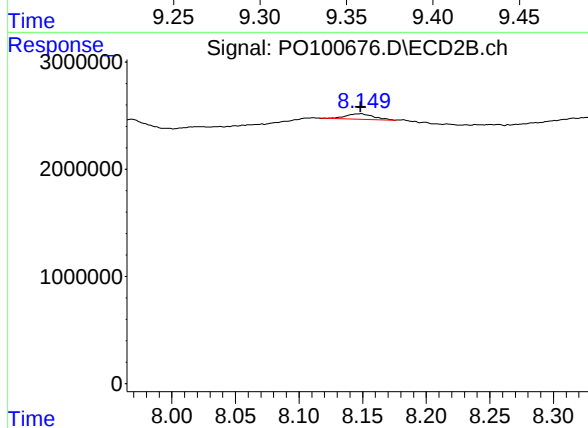
#43 AR-1268-3

R.T.: 7.862 min
Delta R.T.: 0.003 min
Response: 731669
Conc: 3.88 ng/ml



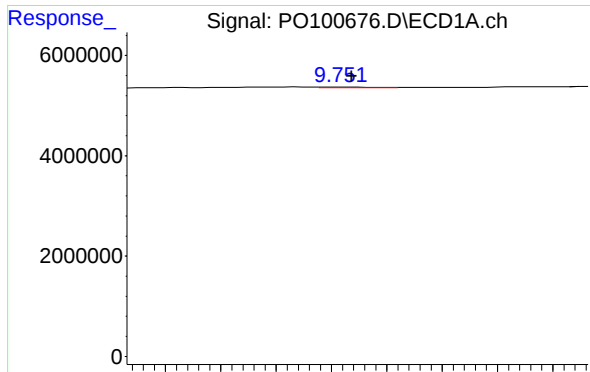
#44 AR-1268-4

R.T.: 9.338 min
Delta R.T.: -0.002 min
Response: 451732
Conc: 5.77 ng/ml



#44 AR-1268-4

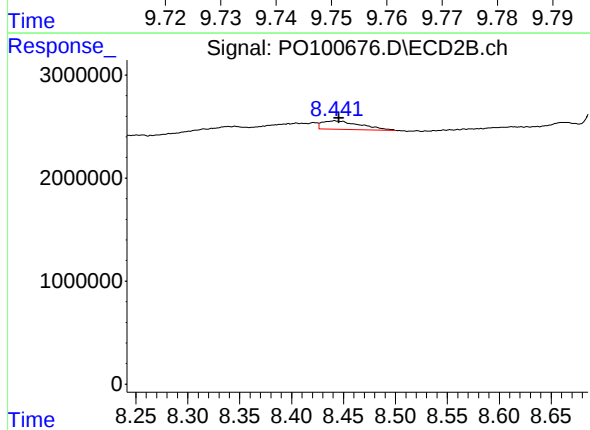
R.T.: 8.148 min
Delta R.T.: 0.000 min
Response: 757692
Conc: 11.28 ng/ml



#45 AR-1268-5

R.T.: 9.752 min
Delta R.T.: -0.002 min
Response: 77441
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 2092960
Conc: 4.03 ng/ml