

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022824\
 Data File : P0102187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2024 14:54
 Operator : YP/AJ
 Sample : P1613-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 1847

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 29 00:02:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022324.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Feb 25 11:24:58 2024
 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...	4.279	3.391	88080984	59583807	18.993	18.337
2) SA Decachlor...	9.832	8.266	36101344	26357196	14.177	12.740
Target Compounds						
3) L1 AR-1016-1	5.421	4.464	7488060	5221726	58.022	56.904
4) L1 AR-1016-2	5.445	4.464	6165482	5221726	32.232	38.954
5) L1 AR-1016-3	5.507	4.634	2775143	1478228	22.476	20.045
6) L1 AR-1016-4	5.606	4.675	1683664	888500	17.167	14.098
7) L1 AR-1016-5	5.916	4.869	2059126	918487	21.247	11.663 #
8) L2 AR-1221-1	4.484	3.597	2518766	94496	51.399	2.684 #
9) L2 AR-1221-2	4.578	3.680	2536145	1068835	70.149	41.222 #
10) L2 AR-1221-3	4.643	3.755	1960553	720223	18.286	9.626 #
11) L3 AR-1232-1	4.643	3.755	1960553	720223	20.255	10.686 #
12) L3 AR-1232-2	5.162	4.464	2095057	5221726	38.588	78.771 #
13) L3 AR-1232-3	5.445	4.634	6165482	1478228	66.853	41.389 #
14) L3 AR-1232-4	5.606	4.733	1683664	2018413	35.928	58.617 #
15) L3 AR-1232-5	5.726	4.869	4283871	918487	121.420	25.503 #
16) L4 AR-1242-1	5.421	4.464	7488060	5221726	76.211	73.933
17) L4 AR-1242-2	5.445	4.464	6165482	5221726	42.455	51.434
18) L4 AR-1242-3	5.507	4.634	2775143	1478228	29.976	26.311
19) L4 AR-1242-4	5.606	4.733	1683664	2018413	22.814	33.745 #
20) L4 AR-1242-5	6.328	5.229	3318632	485961	47.393	7.362 #
21) L5 AR-1248-1	5.421	4.464	7488060	5221726	100.189	94.706
22) L5 AR-1248-2	5.670	4.675	2307379	888500	19.890	10.586 #
23) L5 AR-1248-3	5.916	4.733	2059126	2018413	16.894	22.988 #
24) L5 AR-1248-4	6.269	4.869	860994	918487	7.135	9.120 #
25) L5 AR-1248-5	6.328	5.273	3318632	504333	27.807	5.768 #
26) L6 AR-1254-1	6.269	5.229	860994	485961	6.410	3.340 #
27) L6 AR-1254-2	6.481	5.379	1600270	154061	8.117	1.194 #
28) L6 AR-1254-3	6.865	5.766	763115	212334	3.936	1.087 #
29) L6 AR-1254-4	7.131	5.999	43439	173643	0.351	1.613 #
30) L6 AR-1254-5	7.551	6.405	3910962	537989	27.856	3.291 #
31) L7 AR-1260-1	6.998	5.887	854534	344752	5.259	2.328 #
32) L7 AR-1260-2	7.279	6.077	363274	568714	2.037	3.313 #
33) L7 AR-1260-3	7.579f	6.255	1721870	2596143	13.232	15.703
34) L7 AR-1260-4	7.816	6.720	116391	308091	0.819	2.414 #
35) L7 AR-1260-5	8.113f	6.964	3745055	240325	14.182	0.878 #
36) L8 AR-1262-1	7.551	6.434	3910962	437314	27.281	3.994 #
37) L8 AR-1262-2	8.113f	6.720	3745055	308091	10.670	1.600 #
38) L8 AR-1262-3	8.429	7.222	198751	1340345	0.840	9.069 #
39) L8 AR-1262-4	8.530	7.291	46176	96221	0.253	0.363 #
40) L8 AR-1262-5	9.142	7.780	644029	9249	5.511	0.083 #
41) L9 AR-1268-1	8.429	7.222	198751	1340345	0.564	3.779 #

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 ALS Vial : 14 Sample Multiplier: 1

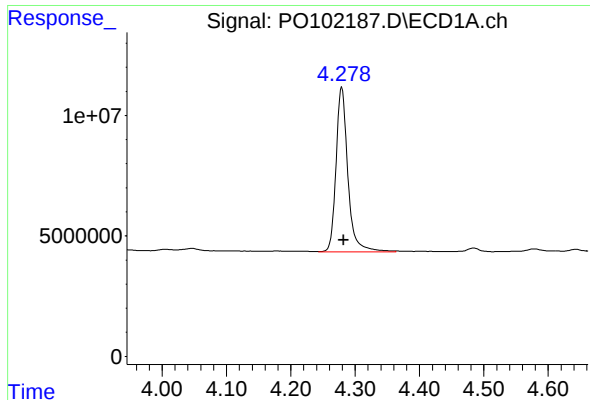
Instrument :
 ECD_O
 ClientSampleId :
 1847

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.530	7.291	46176	96221	0.146	0.297 #
43) L9	AR-1268-3	8.756	7.472	3067819	47828	10.845	0.175 #
44) L9	AR-1268-4	9.142	8.046	644029	807661	6.112	1.044 #
45) L9	AR-1268-5	9.527	8.266	545646	26357196	0.616	72.662 #

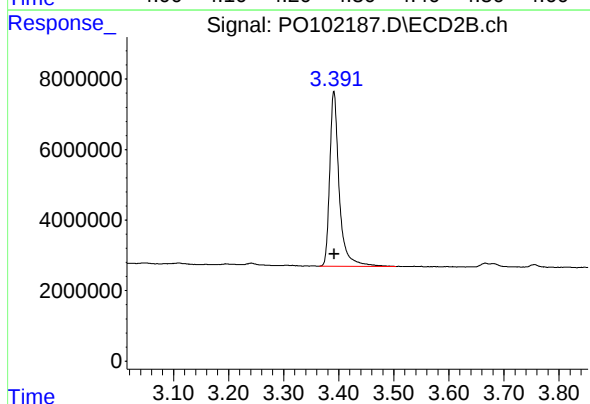
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

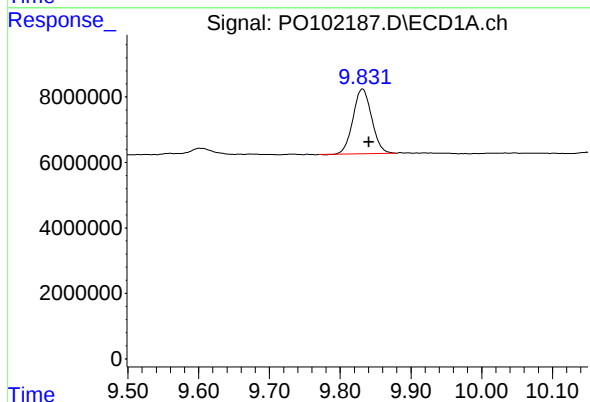
R.T.: 4.279 min
Delta R.T.: -0.003 min
Response: 88080984
Conc: 18.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



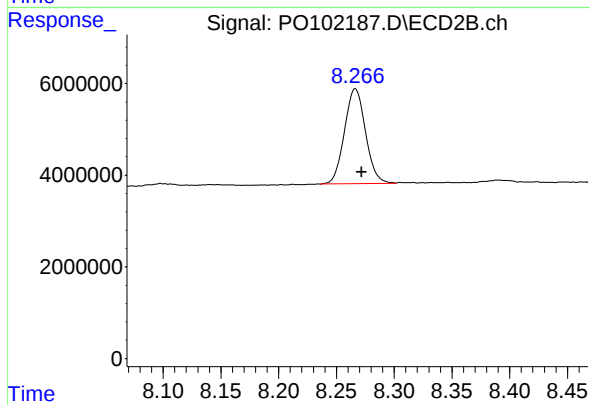
#1 Tetrachloro-m-xylene

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 59583807
Conc: 18.34 ng/ml



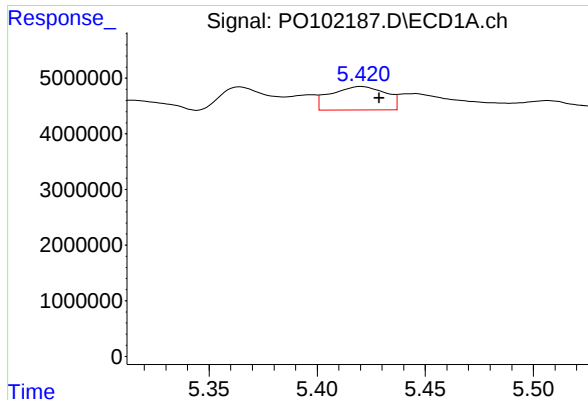
#2 Decachlorobiphenyl

R.T.: 9.832 min
Delta R.T.: -0.009 min
Response: 36101344
Conc: 14.18 ng/ml



#2 Decachlorobiphenyl

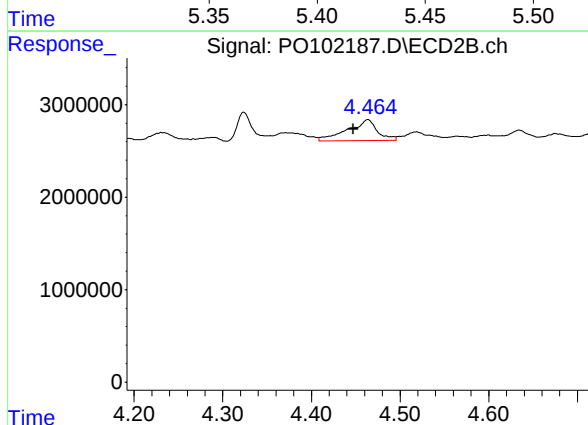
R.T.: 8.266 min
Delta R.T.: -0.006 min
Response: 26357196
Conc: 12.74 ng/ml



#3 AR-1016-1

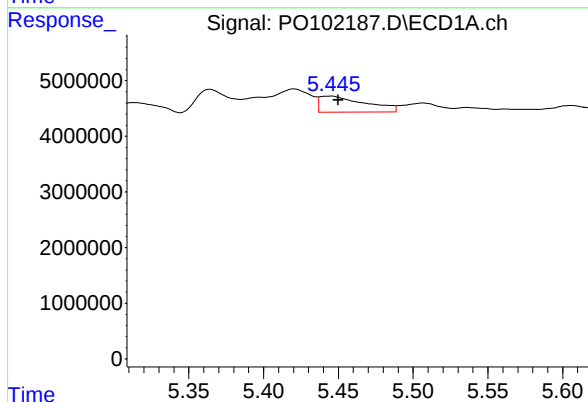
R.T.: 5.421 min
Delta R.T.: -0.008 min
Response: 7488060
Conc: 58.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



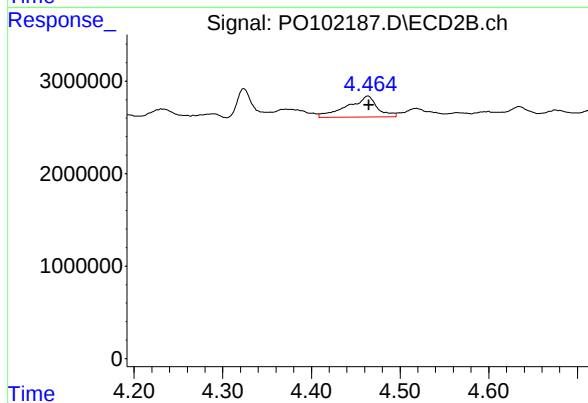
#3 AR-1016-1

R.T.: 4.464 min
Delta R.T.: 0.016 min
Response: 5221726
Conc: 56.90 ng/ml



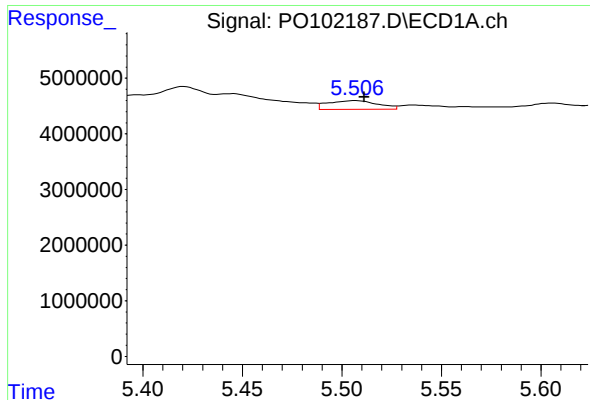
#4 AR-1016-2

R.T.: 5.445 min
Delta R.T.: -0.005 min
Response: 6165482
Conc: 32.23 ng/ml



#4 AR-1016-2

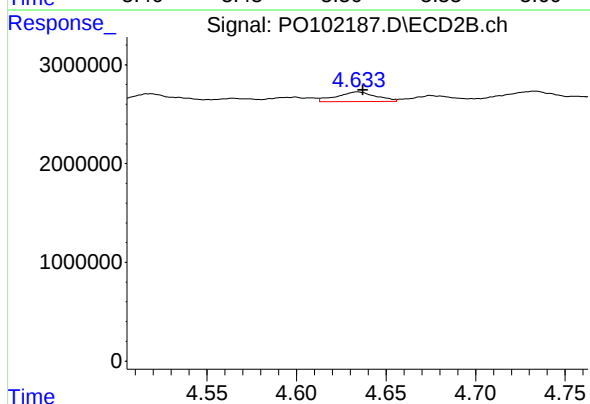
R.T.: 4.464 min
Delta R.T.: -0.001 min
Response: 5221726
Conc: 38.95 ng/ml



#5 AR-1016-3

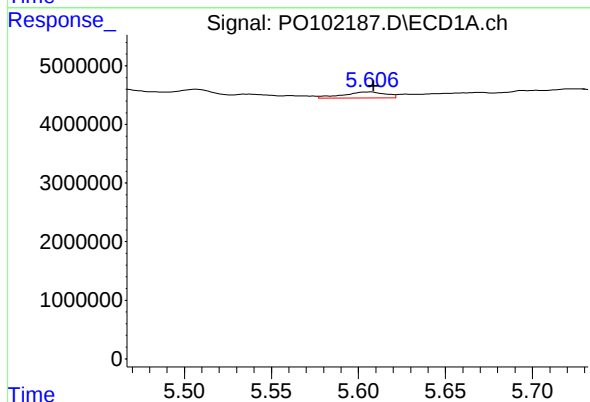
R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 2775143
Conc: 22.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



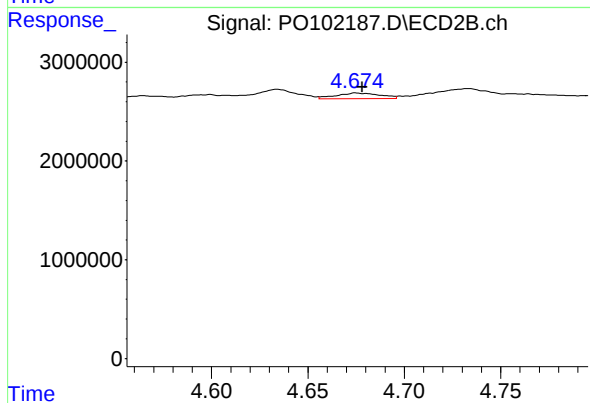
#5 AR-1016-3

R.T.: 4.634 min
Delta R.T.: -0.003 min
Response: 1478228
Conc: 20.04 ng/ml



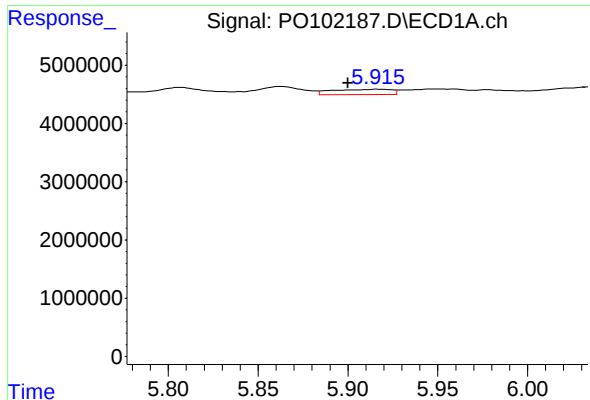
#6 AR-1016-4

R.T.: 5.606 min
Delta R.T.: -0.002 min
Response: 1683664
Conc: 17.17 ng/ml



#6 AR-1016-4

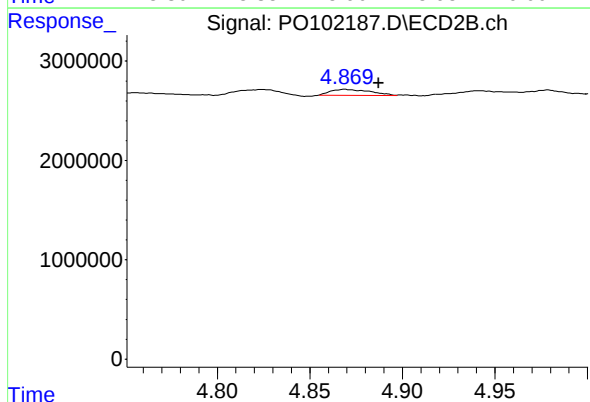
R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 888500
Conc: 14.10 ng/ml



#7 AR-1016-5

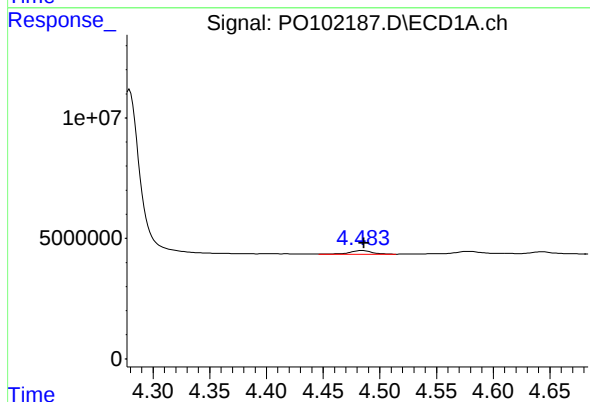
R.T.: 5.916 min
Delta R.T.: 0.016 min
Response: 2059126
Conc: 21.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



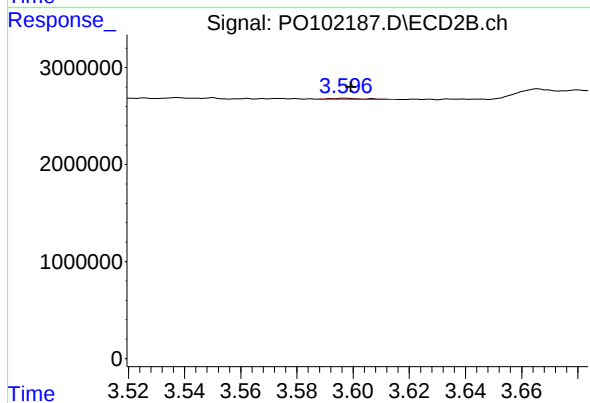
#7 AR-1016-5

R.T.: 4.869 min
Delta R.T.: -0.018 min
Response: 918487
Conc: 11.66 ng/ml



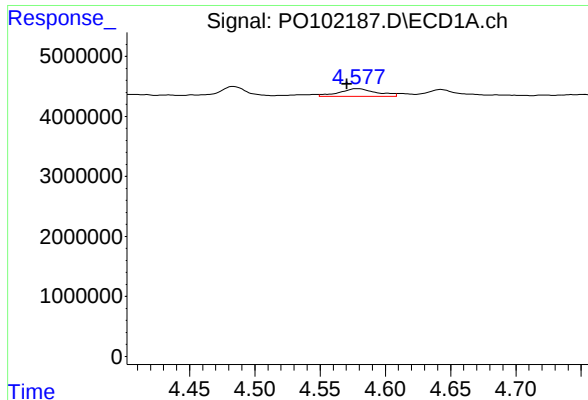
#8 AR-1221-1

R.T.: 4.484 min
Delta R.T.: -0.002 min
Response: 2518766
Conc: 51.40 ng/ml



#8 AR-1221-1

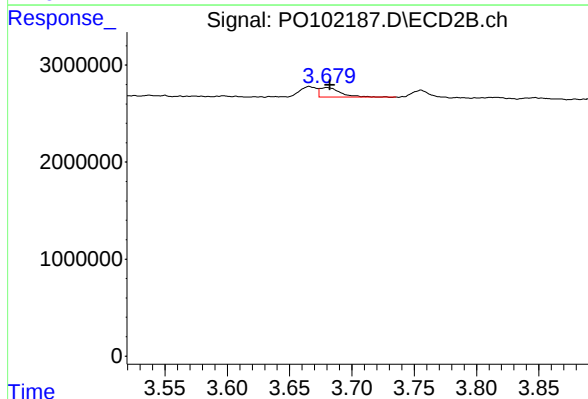
R.T.: 3.597 min
Delta R.T.: -0.002 min
Response: 94496
Conc: 2.68 ng/ml



#9 AR-1221-2

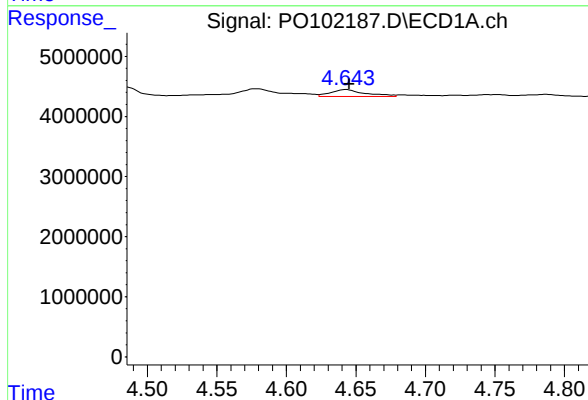
R.T.: 4.578 min
Delta R.T.: 0.008 min
Response: 2536145
Conc: 70.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



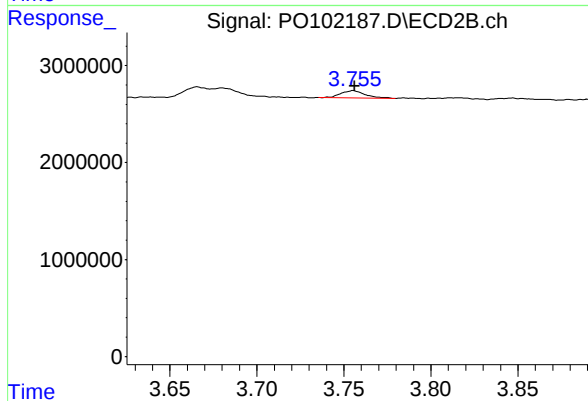
#9 AR-1221-2

R.T.: 3.680 min
Delta R.T.: -0.002 min
Response: 1068835
Conc: 41.22 ng/ml



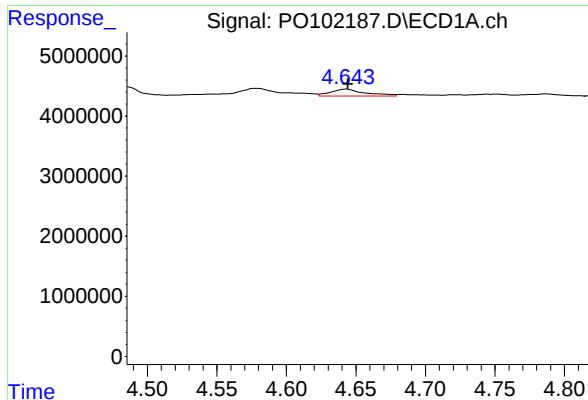
#10 AR-1221-3

R.T.: 4.643 min
Delta R.T.: -0.002 min
Response: 1960553
Conc: 18.29 ng/ml



#10 AR-1221-3

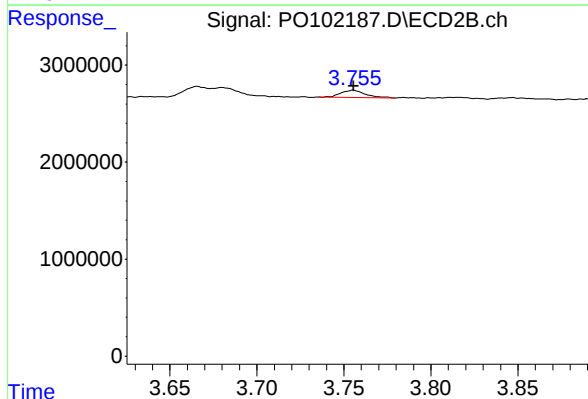
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 720223
Conc: 9.63 ng/ml



#11 AR-1232-1

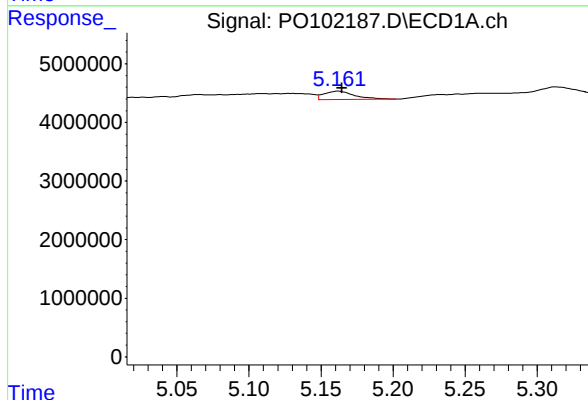
R.T.: 4.643 min
Delta R.T.: -0.001 min
Response: 1960553
Conc: 20.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



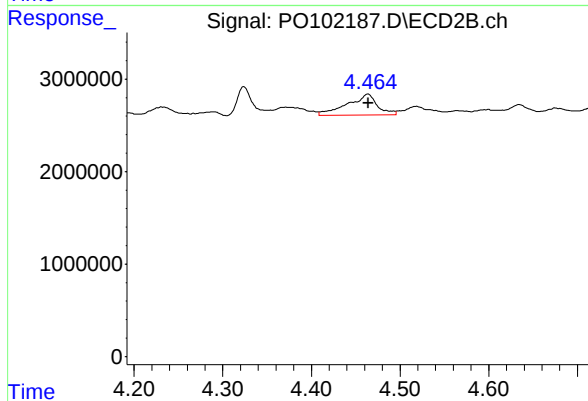
#11 AR-1232-1

R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 720223
Conc: 10.69 ng/ml



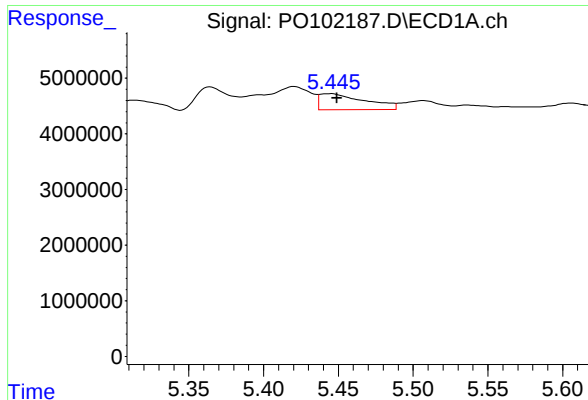
#12 AR-1232-2

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 2095057
Conc: 38.59 ng/ml



#12 AR-1232-2

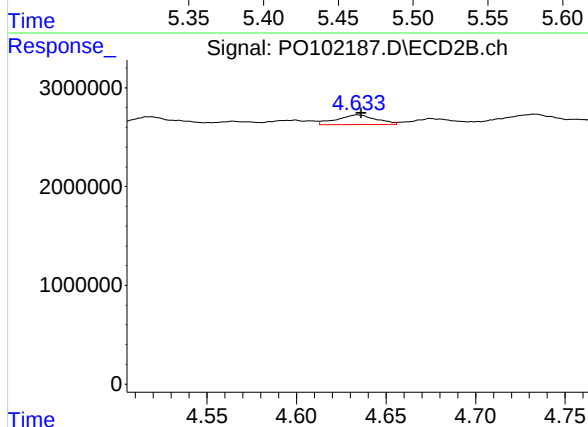
R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 5221726
Conc: 78.77 ng/ml



#13 AR-1232-3

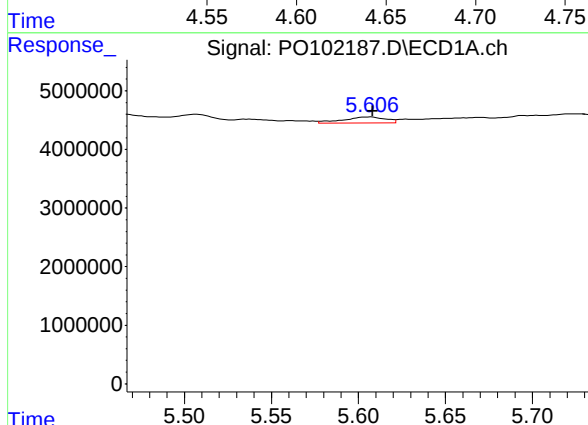
R.T.: 5.445 min
Delta R.T.: -0.004 min
Response: 6165482
Conc: 66.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



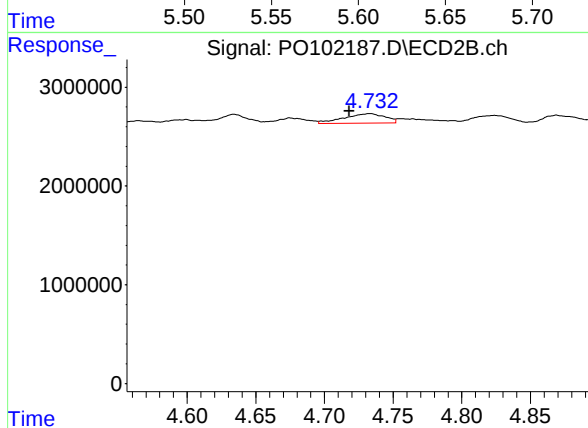
#13 AR-1232-3

R.T.: 4.634 min
Delta R.T.: -0.002 min
Response: 1478228
Conc: 41.39 ng/ml



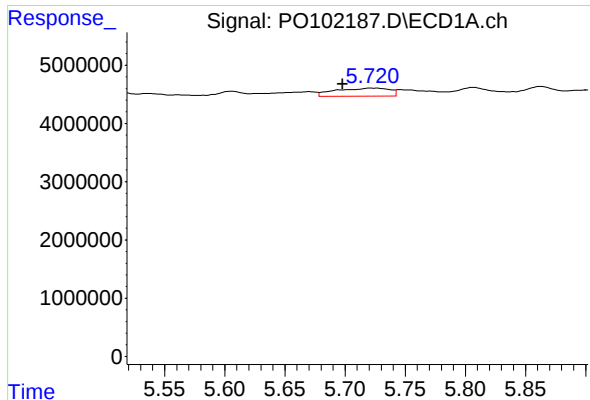
#14 AR-1232-4

R.T.: 5.606 min
Delta R.T.: -0.002 min
Response: 1683664
Conc: 35.93 ng/ml



#14 AR-1232-4

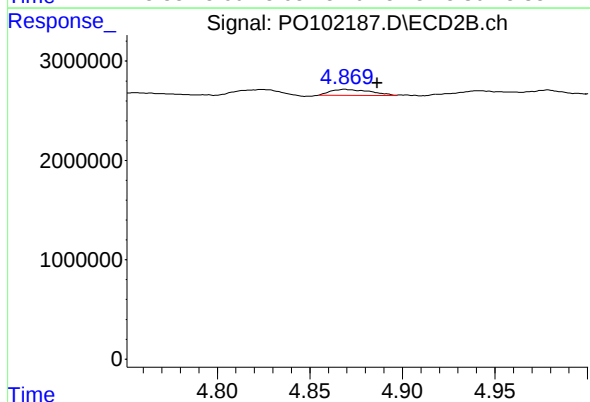
R.T.: 4.733 min
Delta R.T.: 0.015 min
Response: 2018413
Conc: 58.62 ng/ml



#15 AR-1232-5

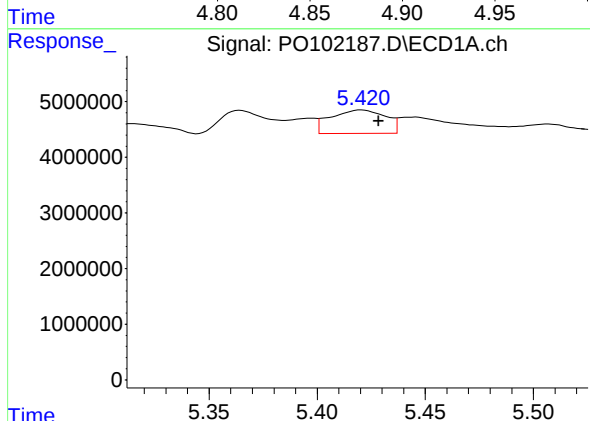
R.T.: 5.726 min
Delta R.T.: 0.028 min
Response: 4283871
Conc: 121.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
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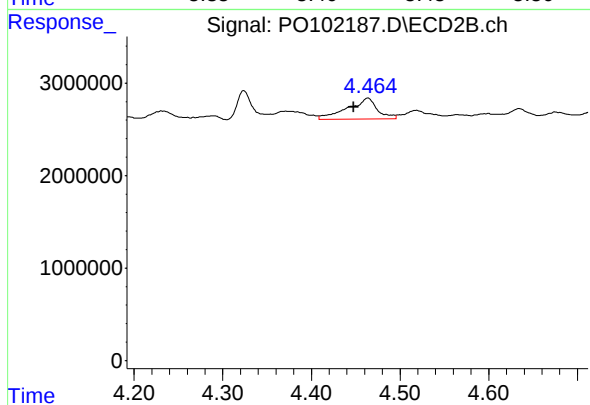
#15 AR-1232-5

R.T.: 4.869 min
Delta R.T.: -0.018 min
Response: 918487
Conc: 25.50 ng/ml



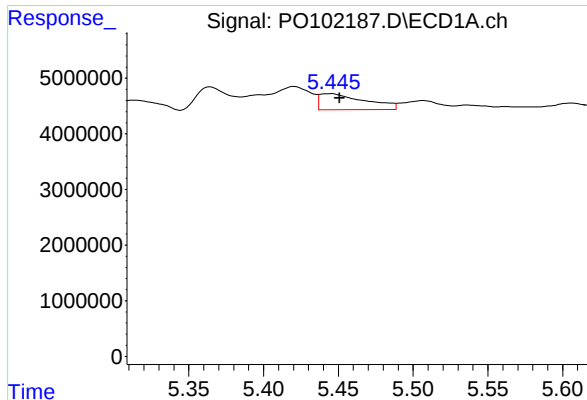
#16 AR-1242-1

R.T.: 5.421 min
Delta R.T.: -0.008 min
Response: 7488060
Conc: 76.21 ng/ml



#16 AR-1242-1

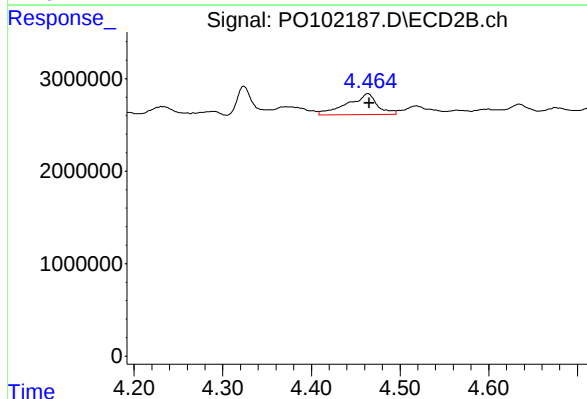
R.T.: 4.464 min
Delta R.T.: 0.016 min
Response: 5221726
Conc: 73.93 ng/ml



#17 AR-1242-2

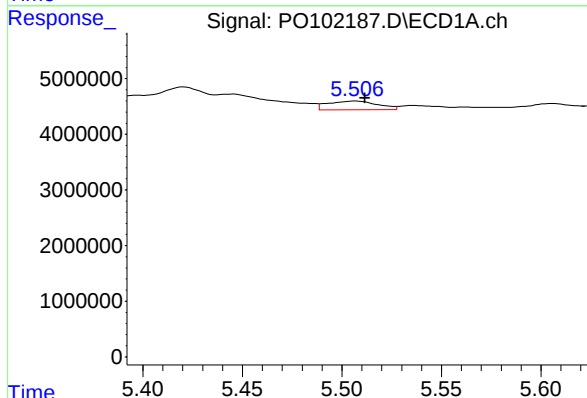
R.T.: 5.445 min
Delta R.T.: -0.005 min
Response: 6165482
Conc: 42.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



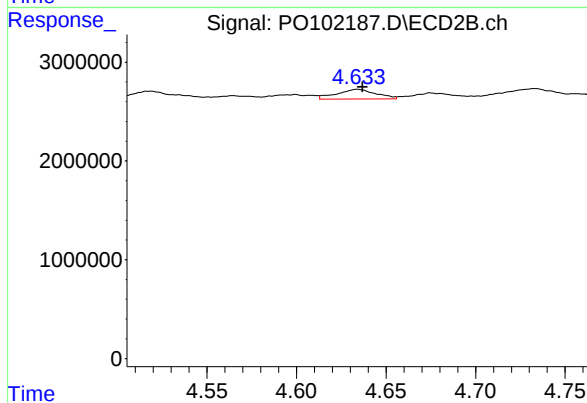
#17 AR-1242-2

R.T.: 4.464 min
Delta R.T.: -0.002 min
Response: 5221726
Conc: 51.43 ng/ml



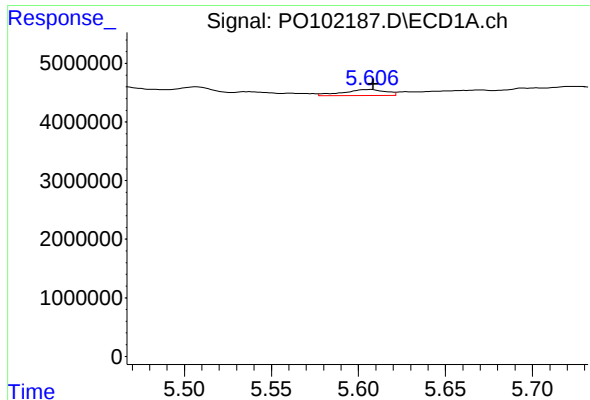
#18 AR-1242-3

R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 2775143
Conc: 29.98 ng/ml



#18 AR-1242-3

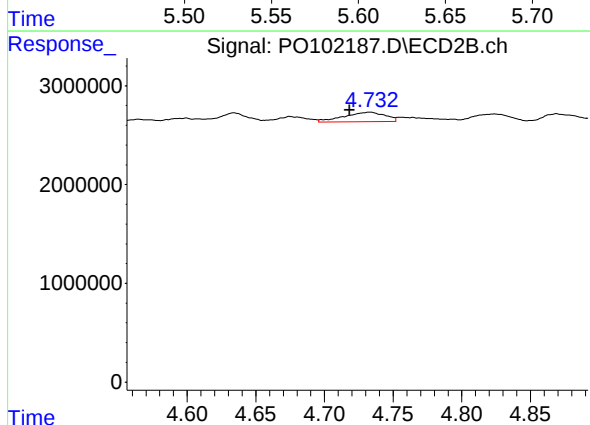
R.T.: 4.634 min
Delta R.T.: -0.003 min
Response: 1478228
Conc: 26.31 ng/ml



#19 AR-1242-4

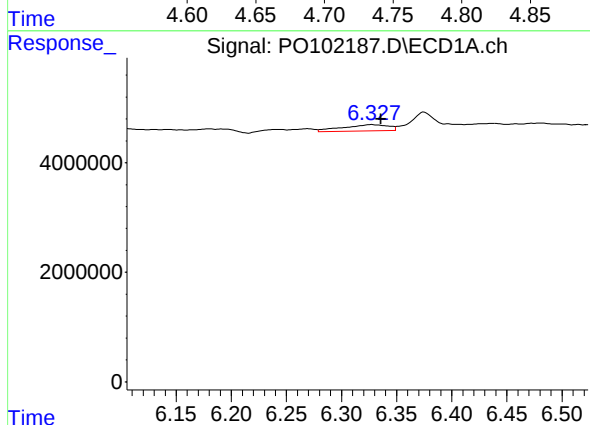
R.T.: 5.606 min
Delta R.T.: -0.002 min
Response: 1683664
Conc: 22.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



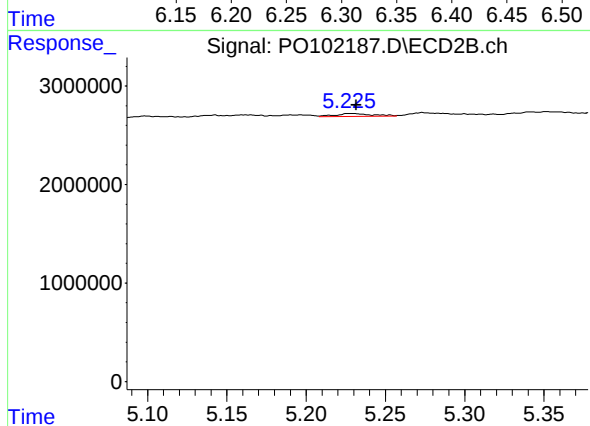
#19 AR-1242-4

R.T.: 4.733 min
Delta R.T.: 0.014 min
Response: 2018413
Conc: 33.74 ng/ml



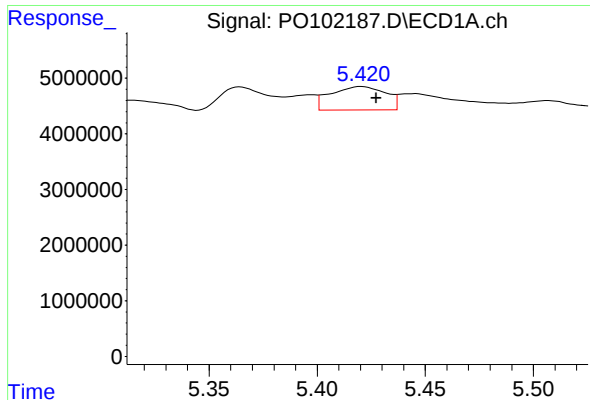
#20 AR-1242-5

R.T.: 6.328 min
Delta R.T.: -0.008 min
Response: 3318632
Conc: 47.39 ng/ml



#20 AR-1242-5

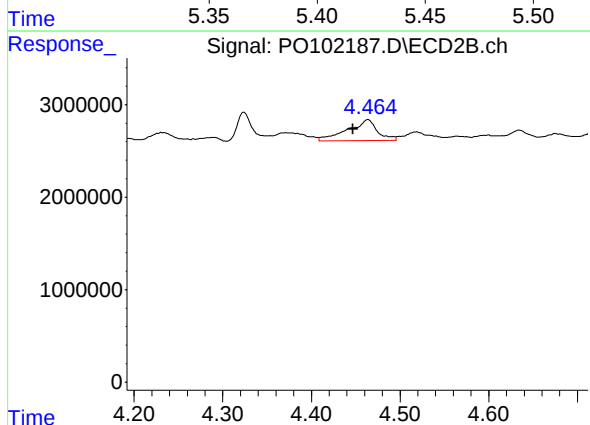
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 485961
Conc: 7.36 ng/ml



#21 AR-1248-1

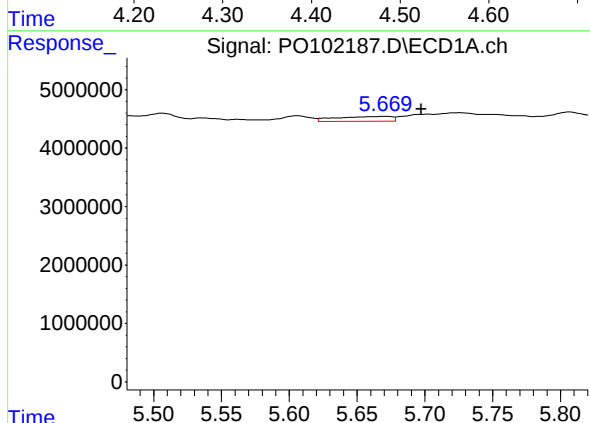
R.T.: 5.421 min
Delta R.T.: -0.007 min
Response: 7488060
Conc: 100.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



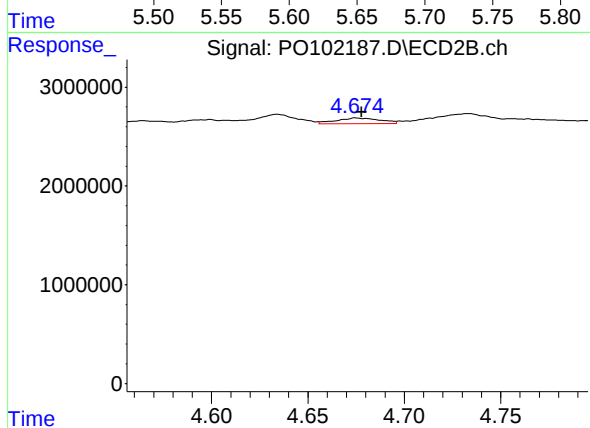
#21 AR-1248-1

R.T.: 4.464 min
Delta R.T.: 0.017 min
Response: 5221726
Conc: 94.71 ng/ml



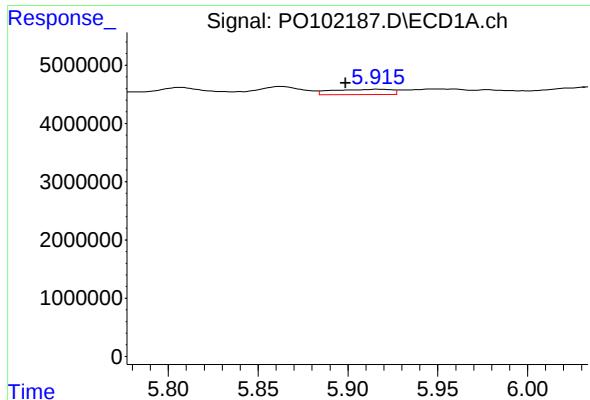
#22 AR-1248-2

R.T.: 5.670 min
Delta R.T.: -0.028 min
Response: 2307379
Conc: 19.89 ng/ml



#22 AR-1248-2

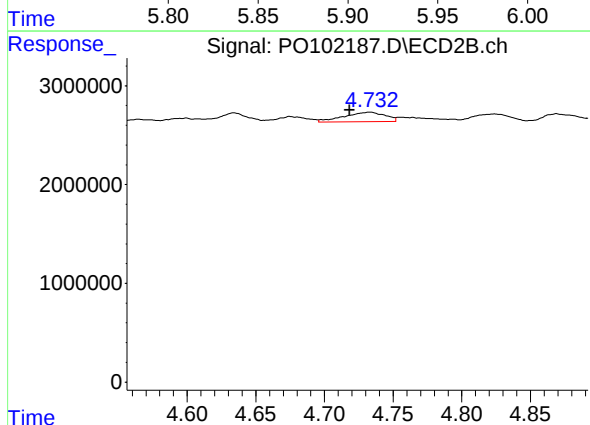
R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 888500
Conc: 10.59 ng/ml



#23 AR-1248-3

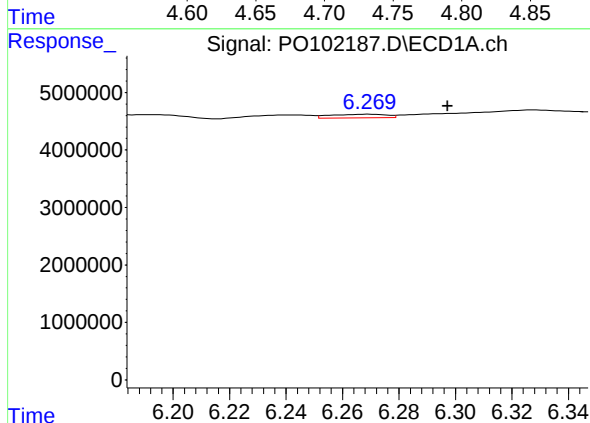
R.T.: 5.916 min
Delta R.T.: 0.017 min
Response: 2059126
Conc: 16.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



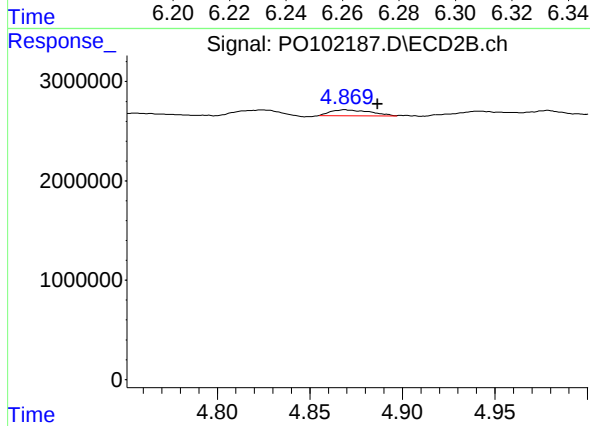
#23 AR-1248-3

R.T.: 4.733 min
Delta R.T.: 0.015 min
Response: 2018413
Conc: 22.99 ng/ml



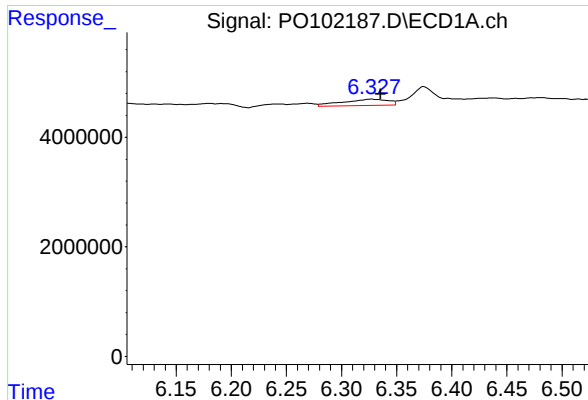
#24 AR-1248-4

R.T.: 6.269 min
Delta R.T.: -0.028 min
Response: 860994
Conc: 7.13 ng/ml



#24 AR-1248-4

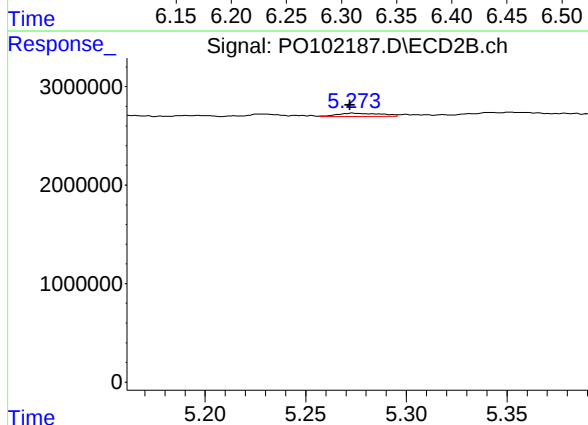
R.T.: 4.869 min
Delta R.T.: -0.018 min
Response: 918487
Conc: 9.12 ng/ml



#25 AR-1248-5

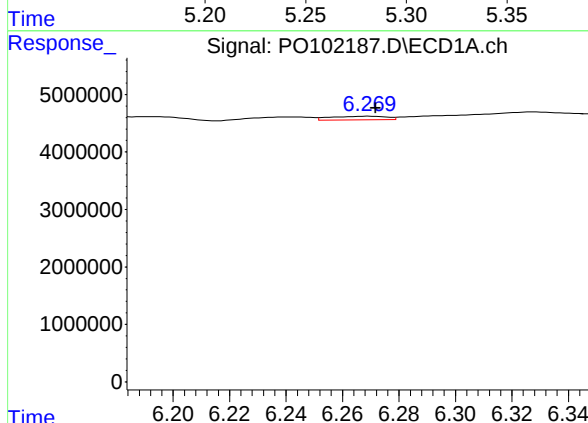
R.T.: 6.328 min
Delta R.T.: -0.008 min
Response: 3318632
Conc: 27.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



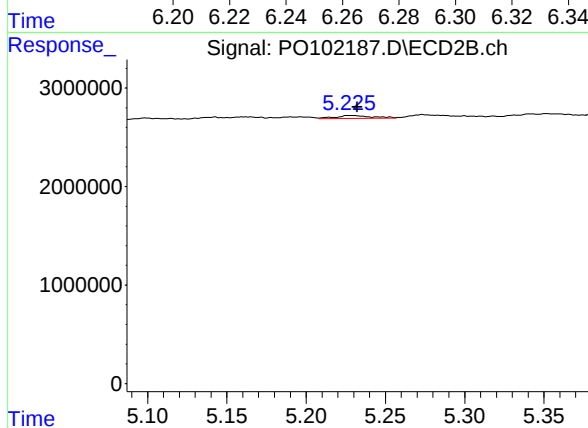
#25 AR-1248-5

R.T.: 5.273 min
Delta R.T.: 0.001 min
Response: 504333
Conc: 5.77 ng/ml



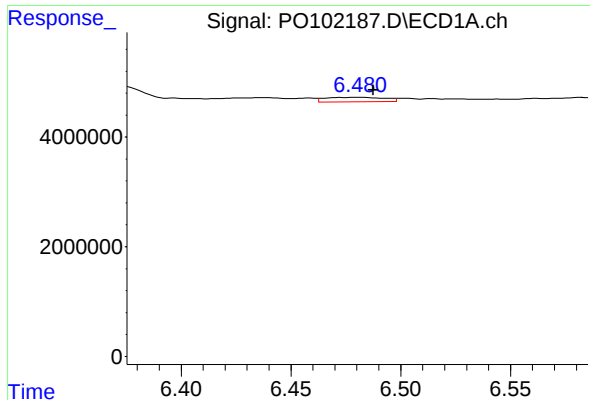
#26 AR-1254-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 860994
Conc: 6.41 ng/ml



#26 AR-1254-1

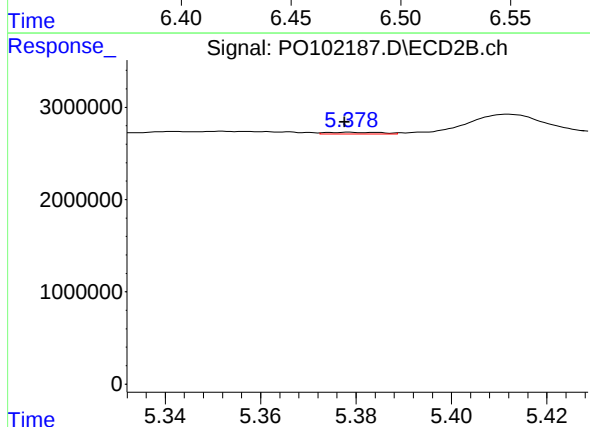
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 485961
Conc: 3.34 ng/ml



#27 AR-1254-2

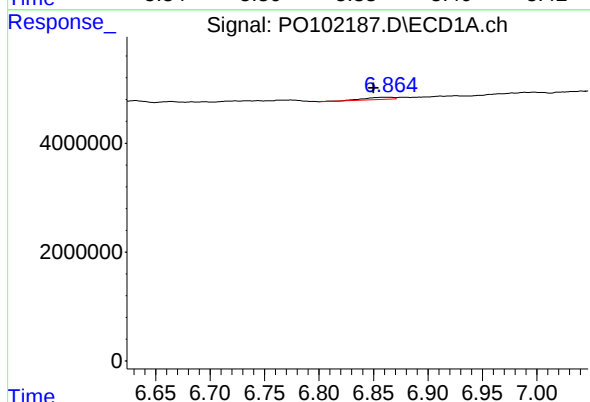
R.T.: 6.481 min
Delta R.T.: -0.007 min
Response: 1600270
Conc: 8.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



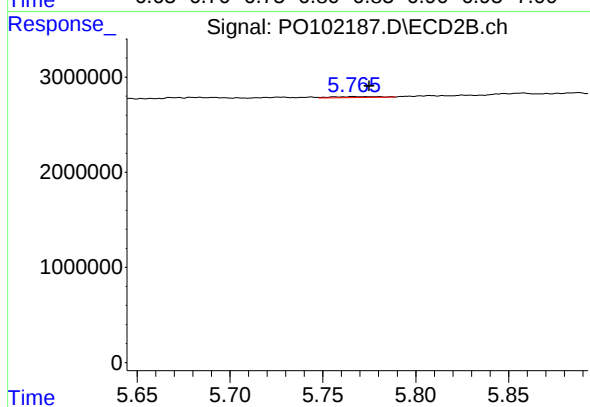
#27 AR-1254-2

R.T.: 5.379 min
Delta R.T.: 0.001 min
Response: 154061
Conc: 1.19 ng/ml



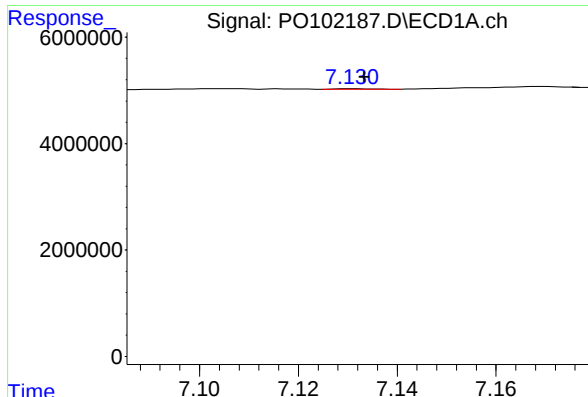
#28 AR-1254-3

R.T.: 6.865 min
Delta R.T.: 0.014 min
Response: 763115
Conc: 3.94 ng/ml



#28 AR-1254-3

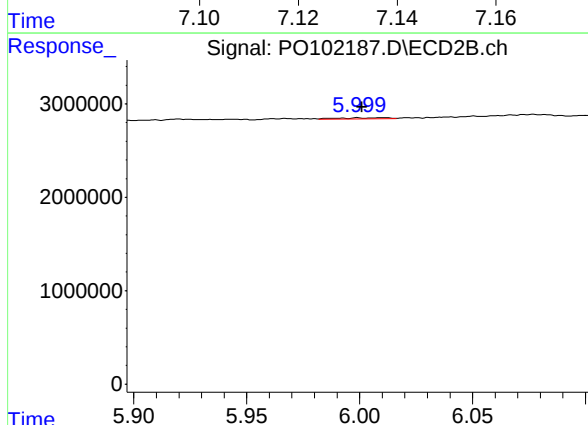
R.T.: 5.766 min
Delta R.T.: -0.009 min
Response: 212334
Conc: 1.09 ng/ml



#29 AR-1254-4

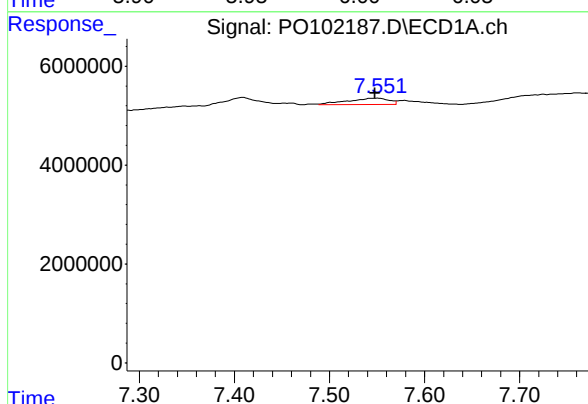
R.T.: 7.131 min
Delta R.T.: -0.002 min
Response: 43439
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



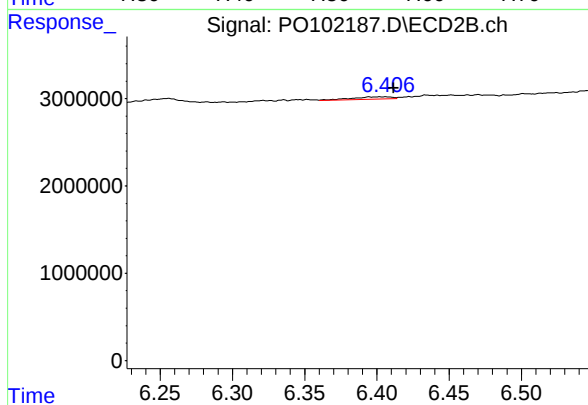
#29 AR-1254-4

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 173643
Conc: 1.61 ng/ml



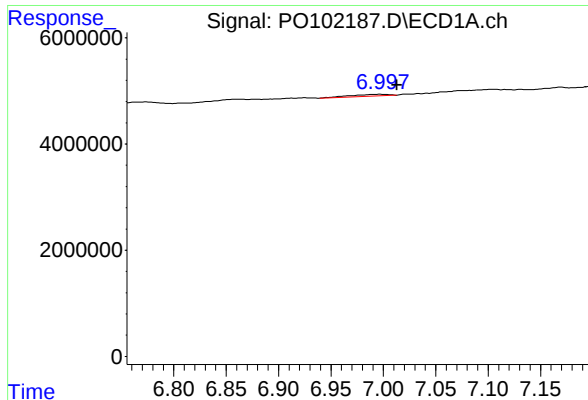
#30 AR-1254-5

R.T.: 7.551 min
Delta R.T.: 0.003 min
Response: 3910962
Conc: 27.86 ng/ml



#30 AR-1254-5

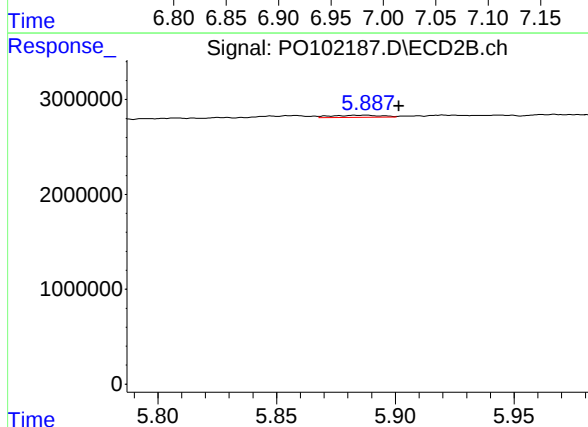
R.T.: 6.405 min
Delta R.T.: -0.006 min
Response: 537989
Conc: 3.29 ng/ml



#31 AR-1260-1

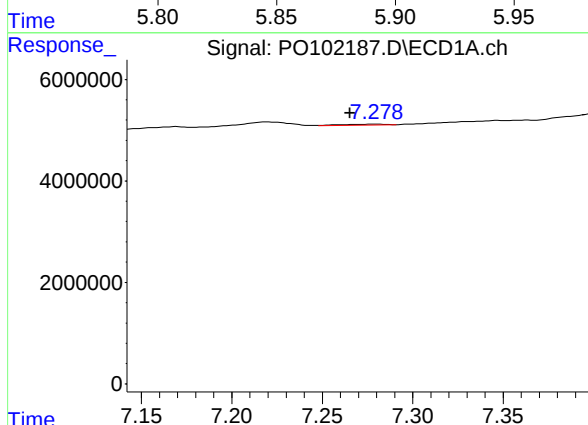
R.T.: 6.998 min
Delta R.T.: -0.015 min
Response: 854534
Conc: 5.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



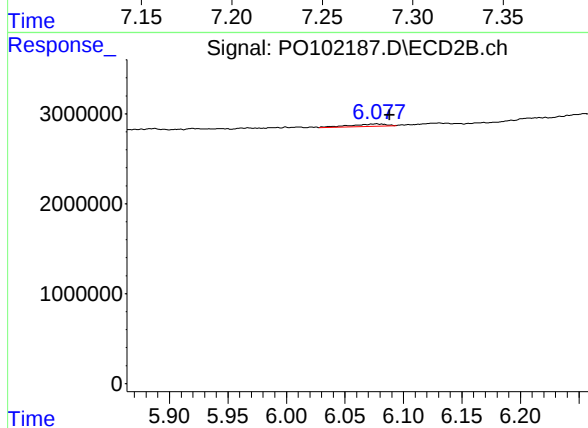
#31 AR-1260-1

R.T.: 5.887 min
Delta R.T.: -0.014 min
Response: 344752
Conc: 2.33 ng/ml



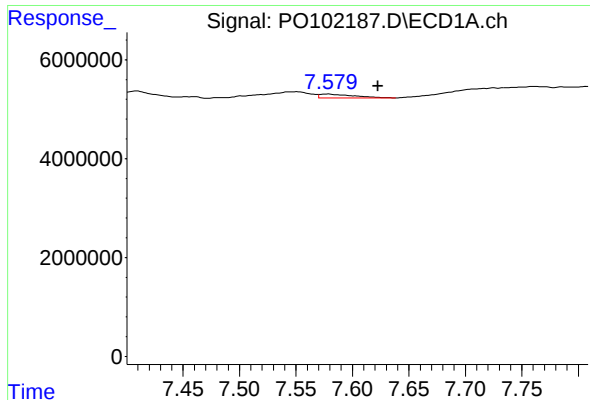
#32 AR-1260-2

R.T.: 7.279 min
Delta R.T.: 0.013 min
Response: 363274
Conc: 2.04 ng/ml



#32 AR-1260-2

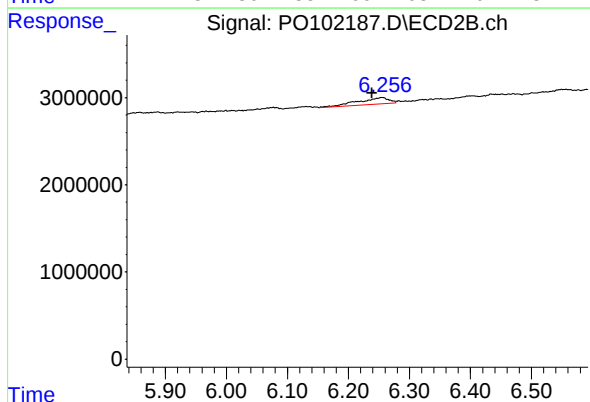
R.T.: 6.077 min
Delta R.T.: -0.011 min
Response: 568714
Conc: 3.31 ng/ml



#33 AR-1260-3

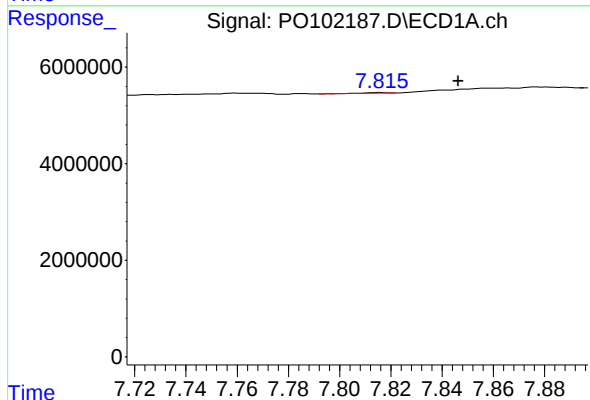
R.T.: 7.579 min
Delta R.T.: -0.044 min
Response: 1721870
Conc: 13.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



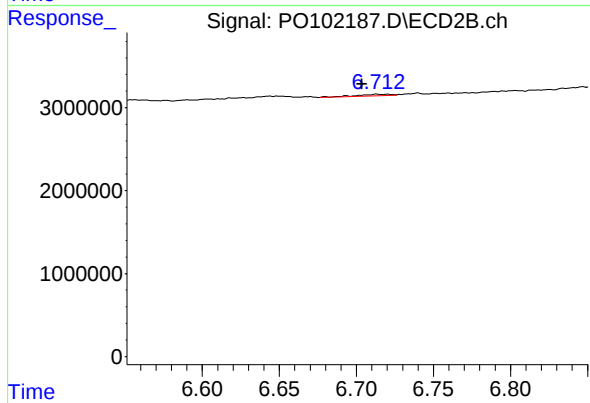
#33 AR-1260-3

R.T.: 6.255 min
Delta R.T.: 0.017 min
Response: 2596143
Conc: 15.70 ng/ml



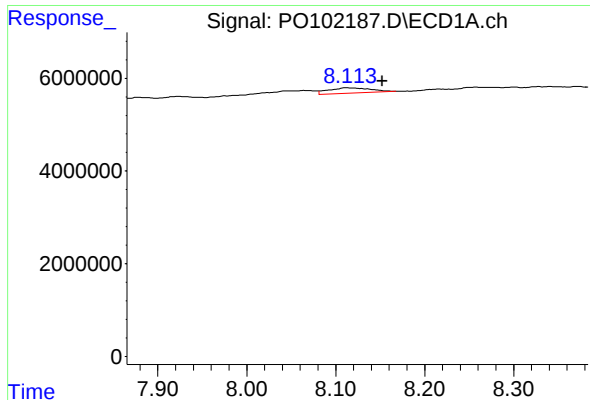
#34 AR-1260-4

R.T.: 7.816 min
Delta R.T.: -0.030 min
Response: 116391
Conc: 0.82 ng/ml



#34 AR-1260-4

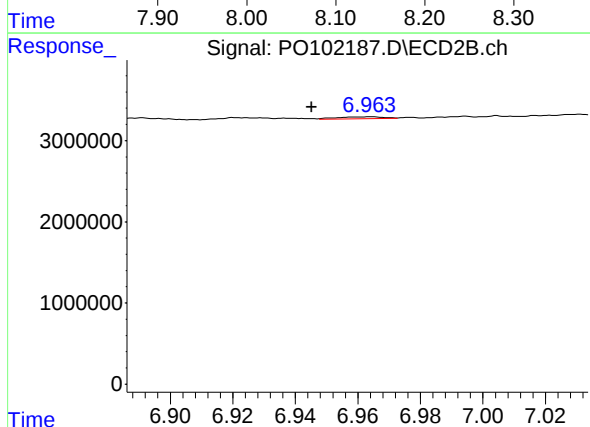
R.T.: 6.720 min
Delta R.T.: 0.017 min
Response: 308091
Conc: 2.41 ng/ml



#35 AR-1260-5

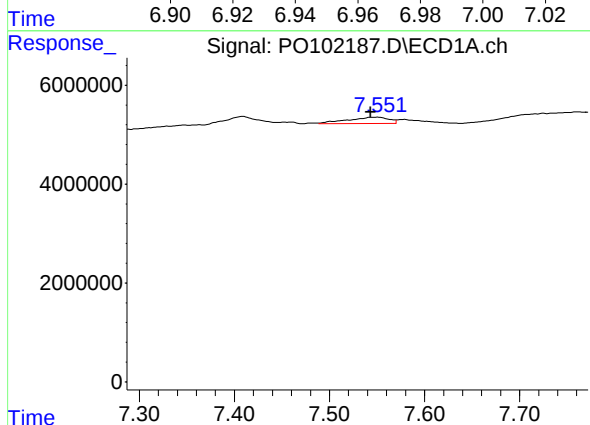
R.T.: 8.113 min
Delta R.T.: -0.040 min
Response: 3745055
Conc: 14.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



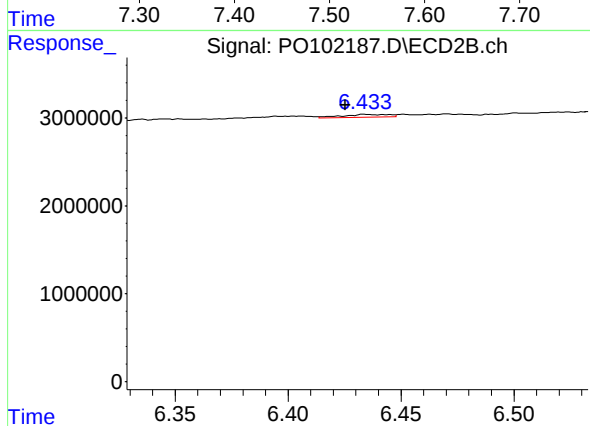
#35 AR-1260-5

R.T.: 6.964 min
Delta R.T.: 0.019 min
Response: 240325
Conc: 0.88 ng/ml



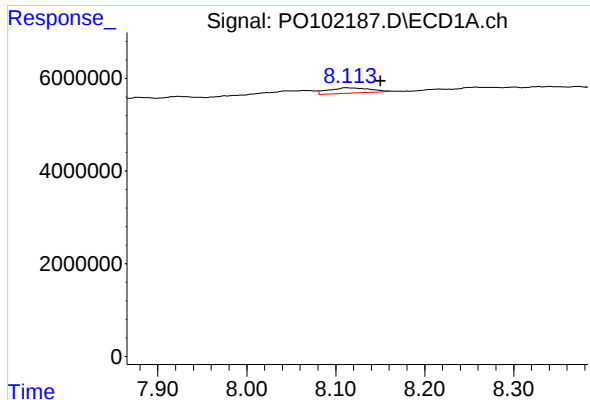
#36 AR-1262-1

R.T.: 7.551 min
Delta R.T.: 0.008 min
Response: 3910962
Conc: 27.28 ng/ml



#36 AR-1262-1

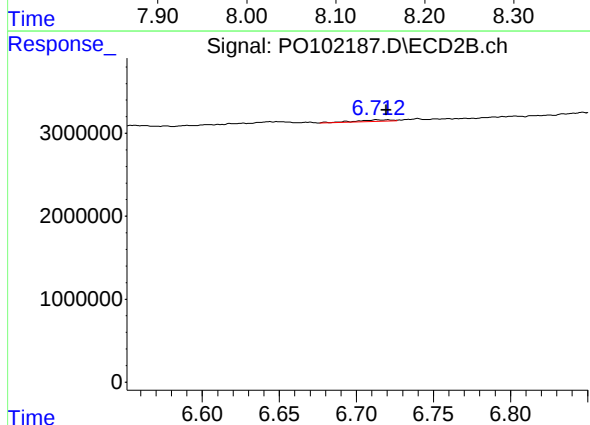
R.T.: 6.434 min
Delta R.T.: 0.009 min
Response: 437314
Conc: 3.99 ng/ml



#37 AR-1262-2

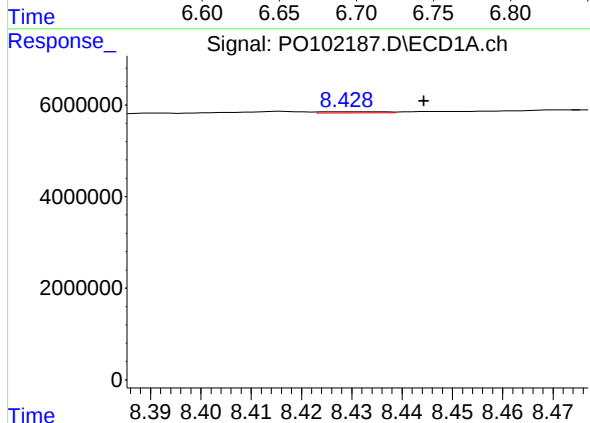
R.T.: 8.113 min
Delta R.T.: -0.038 min
Response: 3745055
Conc: 10.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



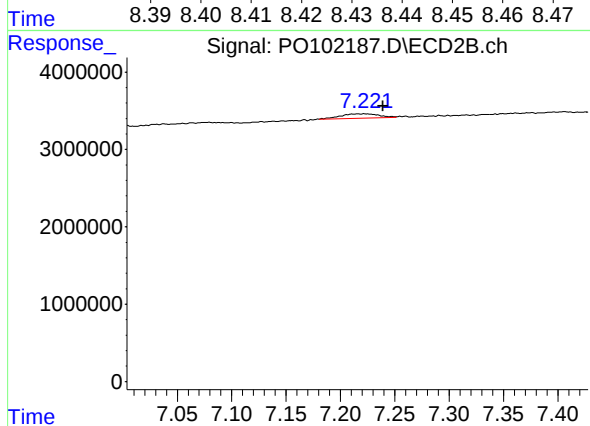
#37 AR-1262-2

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 308091
Conc: 1.60 ng/ml



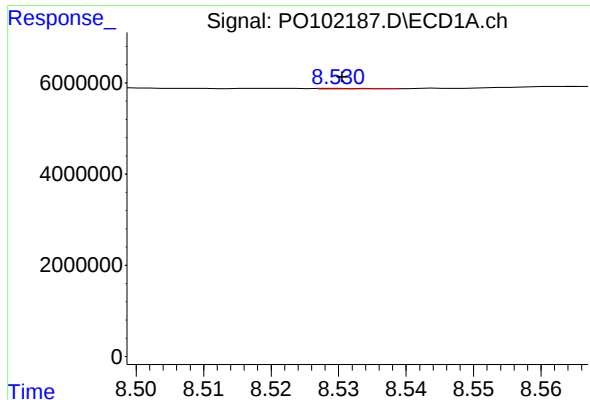
#38 AR-1262-3

R.T.: 8.429 min
Delta R.T.: -0.015 min
Response: 198751
Conc: 0.84 ng/ml



#38 AR-1262-3

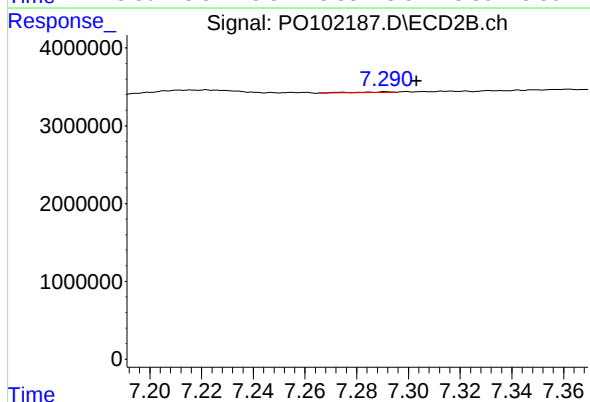
R.T.: 7.222 min
Delta R.T.: -0.017 min
Response: 1340345
Conc: 9.07 ng/ml



#39 AR-1262-4

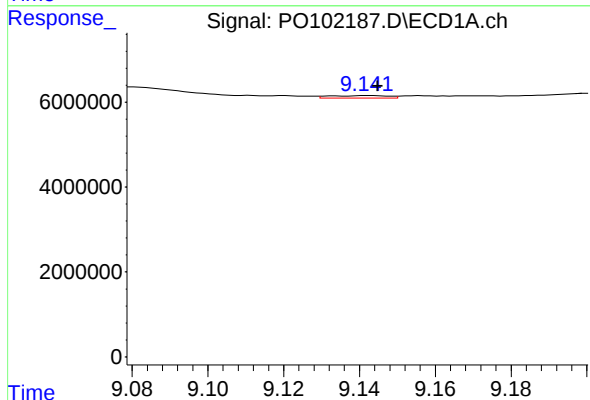
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 46176
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



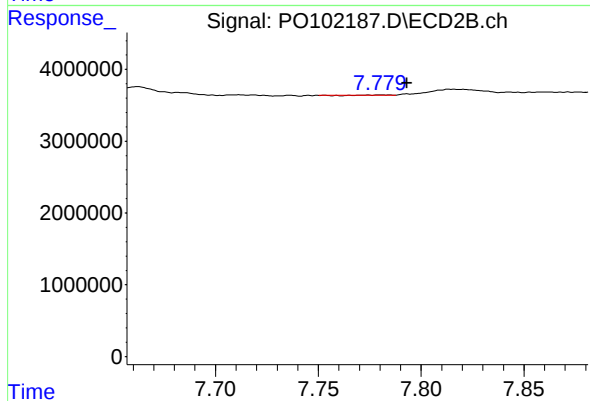
#39 AR-1262-4

R.T.: 7.291 min
Delta R.T.: -0.012 min
Response: 96221
Conc: 0.36 ng/ml



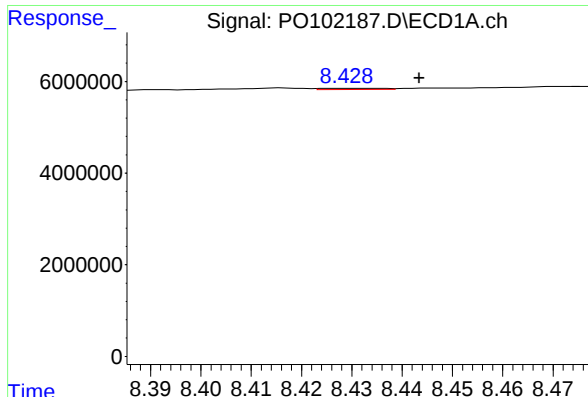
#40 AR-1262-5

R.T.: 9.142 min
Delta R.T.: -0.002 min
Response: 644029
Conc: 5.51 ng/ml



#40 AR-1262-5

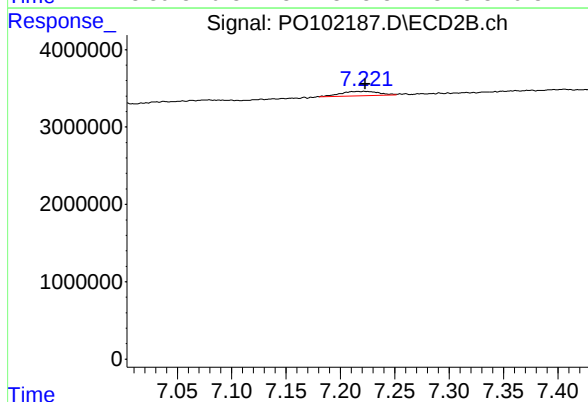
R.T.: 7.780 min
Delta R.T.: -0.013 min
Response: 9249
Conc: 0.08 ng/ml



#41 AR-1268-1

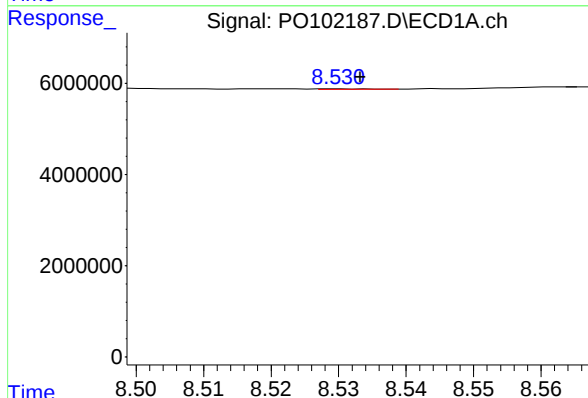
R.T.: 8.429 min
Delta R.T.: -0.014 min
Response: 198751
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



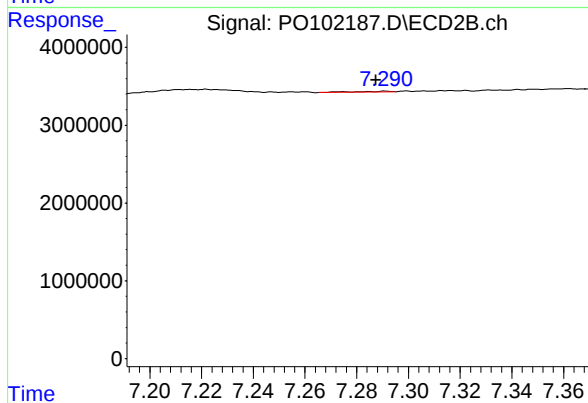
#41 AR-1268-1

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 1340345
Conc: 3.78 ng/ml



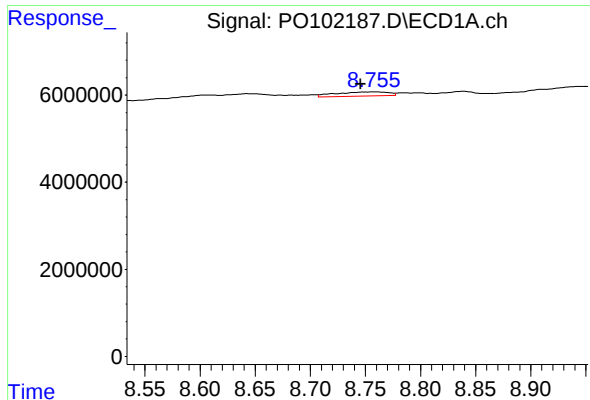
#42 AR-1268-2

R.T.: 8.530 min
Delta R.T.: -0.003 min
Response: 46176
Conc: 0.15 ng/ml



#42 AR-1268-2

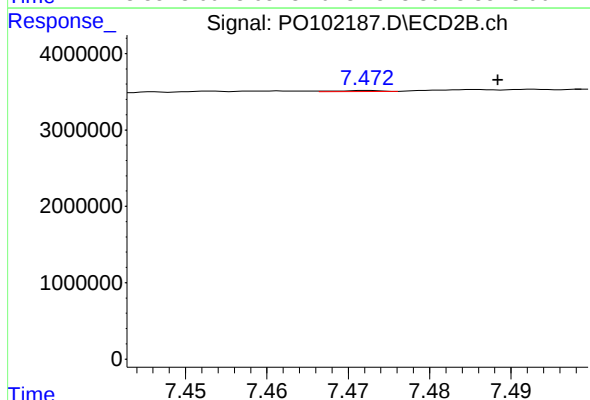
R.T.: 7.291 min
Delta R.T.: 0.004 min
Response: 96221
Conc: 0.30 ng/ml



#43 AR-1268-3

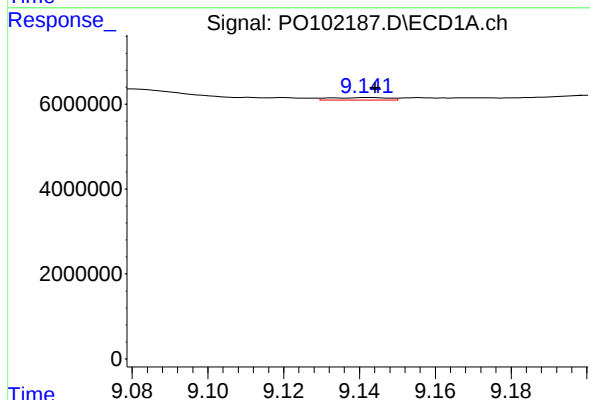
R.T.: 8.756 min
Delta R.T.: 0.010 min
Response: 3067819
Conc: 10.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



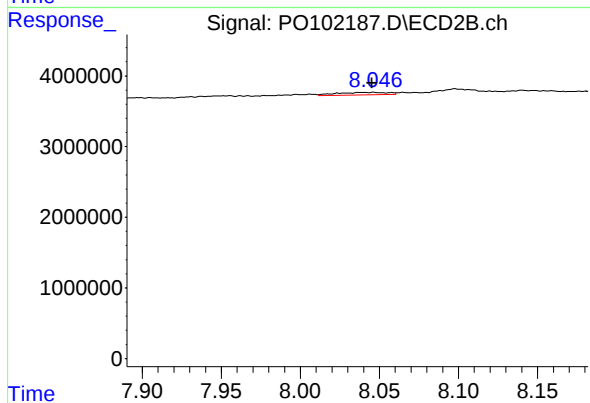
#43 AR-1268-3

R.T.: 7.472 min
Delta R.T.: -0.016 min
Response: 47828
Conc: 0.17 ng/ml



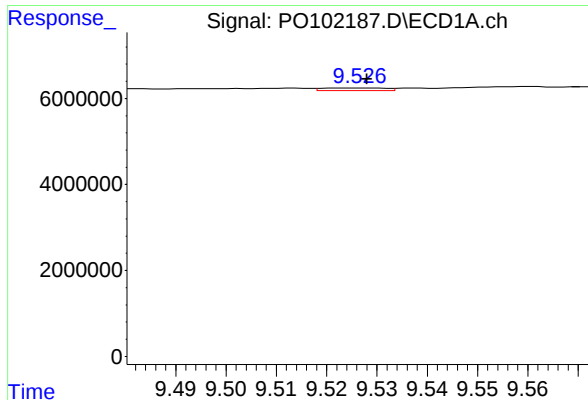
#44 AR-1268-4

R.T.: 9.142 min
Delta R.T.: -0.002 min
Response: 644029
Conc: 6.11 ng/ml



#44 AR-1268-4

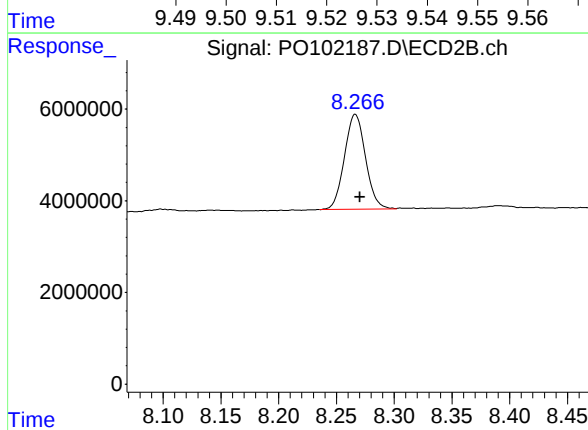
R.T.: 8.046 min
Delta R.T.: 0.001 min
Response: 807661
Conc: 1.04 ng/ml



#45 AR-1268-5

R.T.: 9.527 min
Delta R.T.: 0.000 min
Response: 545646
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
1847



#45 AR-1268-5

R.T.: 8.266 min
Delta R.T.: -0.004 min
Response: 26357196
Conc: 72.66 ng/ml