

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010324\
 Data File : P0100886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2024 21:06
 Operator : YP/AJ
 Sample : P1002-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 1212

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 03 23:31:24 2024
 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...	4.347	3.644	77596872	47235792	24.869	23.116
2) SA Decachlor...	10.091	8.703	45163467	34715369	21.618	23.000
Target Compounds						
3) L1 AR-1016-1	5.513	4.738	3150242	1764966	36.704	28.520
4) L1 AR-1016-2	5.538	4.758	2544023	1883761	19.929	21.364
5) L1 AR-1016-3	5.609	4.936	5381429	994232	68.235	21.283 #
6) L1 AR-1016-4	5.696	4.978	1141827	905181	18.738	22.057
7) L1 AR-1016-5	5.997	5.191	699355	1386672	11.425	26.694 #
8) L2 AR-1221-1	4.533	3.856	29913876	368110	809.197	14.659 #
9) L2 AR-1221-2	4.652	3.947	1890789	1781348	68.084	92.767 #
10) L2 AR-1221-3	4.718	4.021	3775493	2022678	45.236	34.371
11) L3 AR-1232-1	4.718	4.021	3775493	2022678	56.631	42.778
12) L3 AR-1232-2	5.247	4.758	3624968	1883761	103.397	45.163 #
13) L3 AR-1232-3	5.538	4.936	2544023	994232	42.638	46.343
14) L3 AR-1232-4	5.696	5.021	1141827	1073191	41.643	50.510
15) L3 AR-1232-5	5.792	5.191	1214705	1386672	50.522	63.453 #
16) L4 AR-1242-1	5.513	4.738	3150242	1764966	44.665	33.793
17) L4 AR-1242-2	5.538	4.758	2544023	1883761	24.237	25.992
18) L4 AR-1242-3	5.609	4.936	5381429	994232	82.785	25.948 #
19) L4 AR-1242-4	5.696	5.021	1141827	1073191	22.801	25.747
20) L4 AR-1242-5	6.431	5.553	271349	478676	5.243	10.430 #
21) L5 AR-1248-1	5.513	4.738	3150242	1764966	57.423	44.137
22) L5 AR-1248-2	5.792	4.978	1214705	905181	14.064	15.046
23) L5 AR-1248-3	5.997	5.021	699355	1073191	7.968	17.168 #
24) L5 AR-1248-4	6.407	5.191	907165	1386672	10.090	19.251 #
25) L5 AR-1248-5	6.431	5.593	271349	366966	3.023	5.948 #
26) L6 AR-1254-1	6.370	5.553	649600	478676	6.180	4.664
27) L6 AR-1254-2	6.579	5.703	925497	387999	6.268	4.223 #
28) L6 AR-1254-3	6.962	6.110	883406	234808	6.309	1.736 #
29) L6 AR-1254-4	7.244	6.339	167289	129371	1.968	1.794
30) L6 AR-1254-5	7.616f	6.752	15691777	771609	132.614	6.697 #
31) L7 AR-1260-1	7.163f	6.251	1310252	206225	9.564	2.165 #
32) L7 AR-1260-2	7.402	6.415	165825	408861	1.318	3.804 #
33) L7 AR-1260-3	7.736	6.594	611392	653420	6.312	6.375
34) L7 AR-1260-4	8.030f	7.065	140963	272133	1.336	3.338 #
35) L7 AR-1260-5	8.259	7.295	274516	249540	1.300	1.383
36) L8 AR-1262-1	7.616f	6.752	15691777	771609	157.075	12.370 #
37) L8 AR-1262-2	8.259	7.065	274516	272133	1.157	2.408 #
38) L8 AR-1262-3	8.596	7.583	183670	60040	1.131	0.780 #
39) L8 AR-1262-4	8.686	7.643	203871	770669	1.581	5.217 #
40) L8 AR-1262-5	9.350	8.142	24753	116949	0.310	1.829 #
41) L9 AR-1268-1	8.596	7.583	183670	60040	0.650	0.271 #

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Integration File signal 1: autoint1.e
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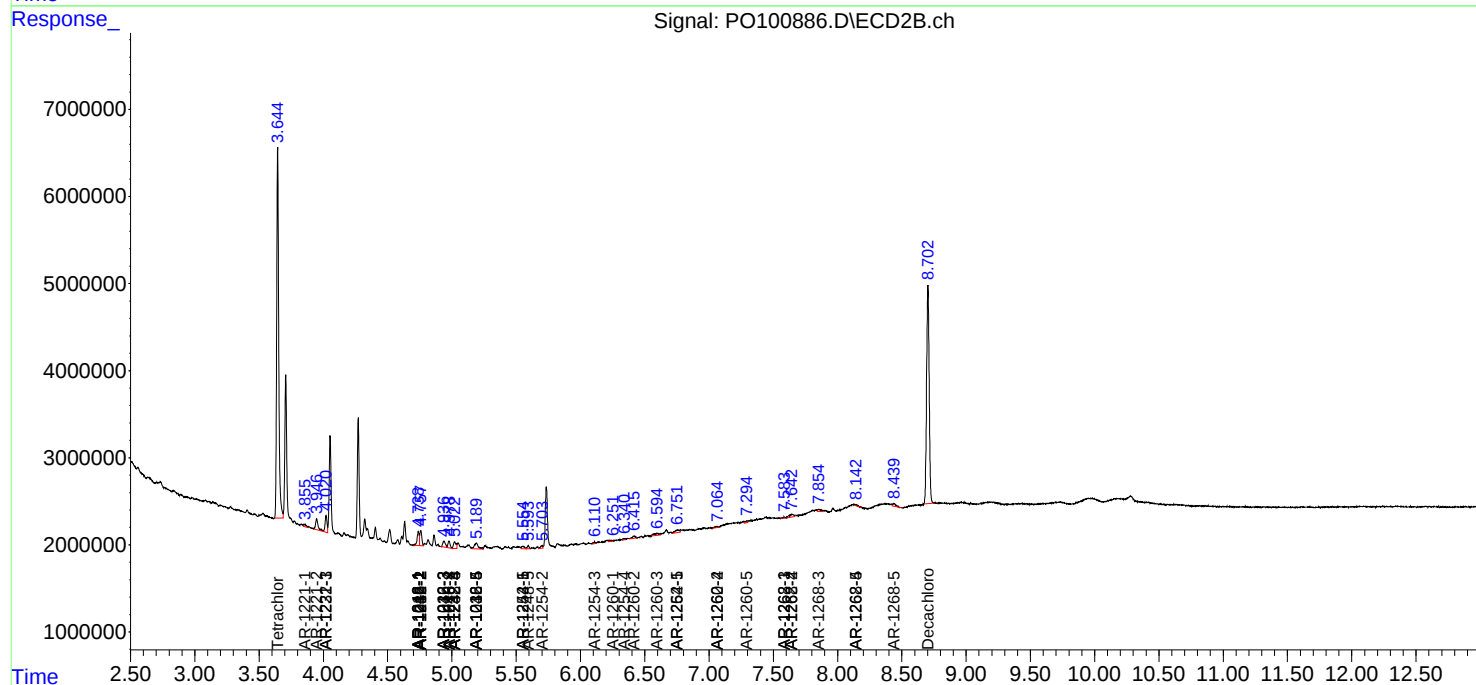
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

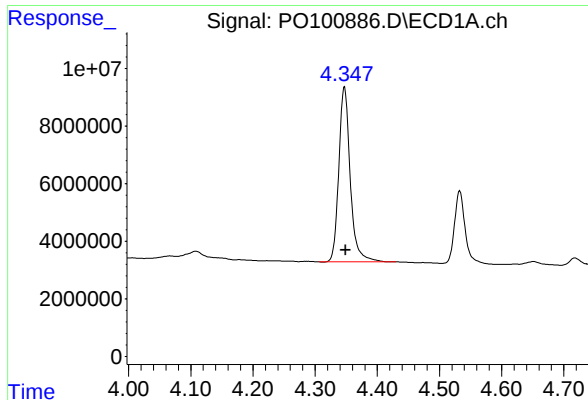
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.686	7.643	203871	770669	0.807	3.810 #
43) L9	AR-1268-3	8.925	7.855	163859	476287	0.718	2.525 #
44) L9	AR-1268-4	9.350	8.142	24753	116949	0.316	1.742 #
45) L9	AR-1268-5	9.756	8.439	68144	556337	0.095	1.072 #

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

Instrument :
ECD_O
ClientSampleId :
1212

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

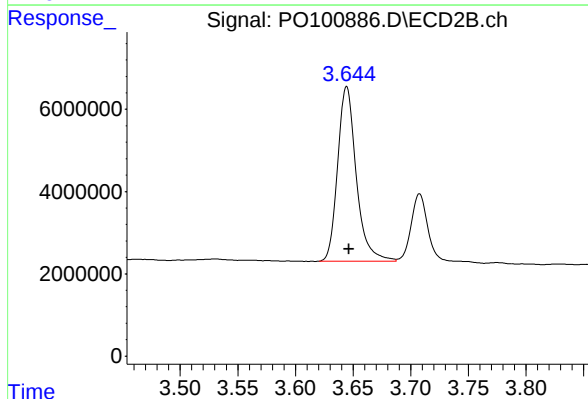




#1 Tetrachloro-m-xylene

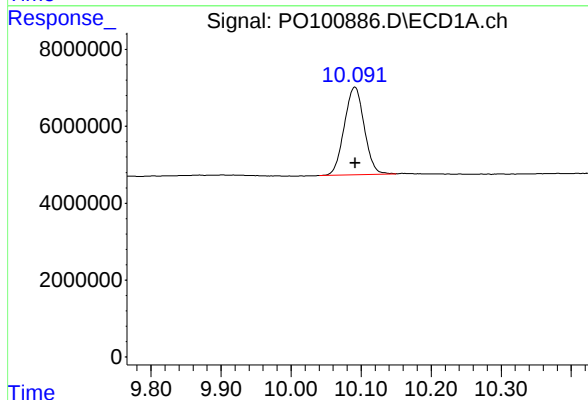
R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 77596872
Conc: 24.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



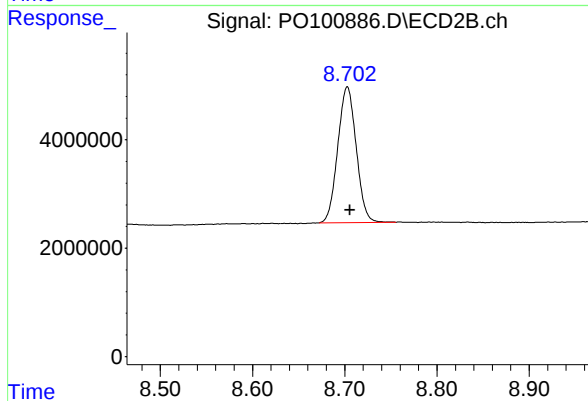
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 47235792
Conc: 23.12 ng/ml



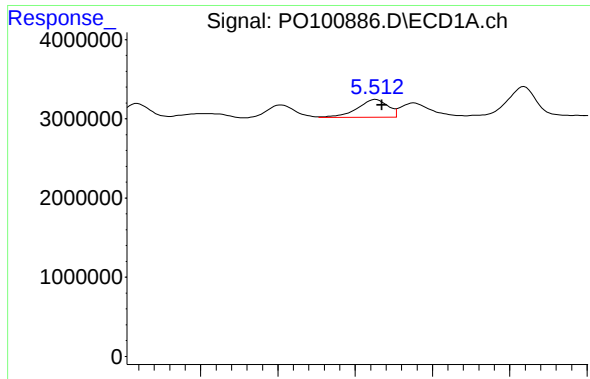
#2 Decachlorobiphenyl

R.T.: 10.091 min
Delta R.T.: 0.000 min
Response: 45163467
Conc: 21.62 ng/ml



#2 Decachlorobiphenyl

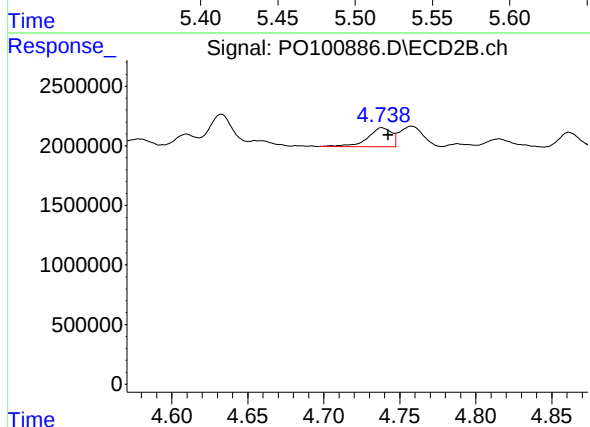
R.T.: 8.703 min
Delta R.T.: -0.003 min
Response: 34715369
Conc: 23.00 ng/ml



#3 AR-1016-1

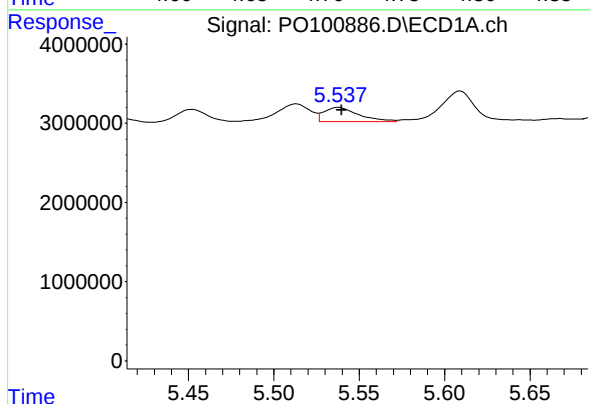
R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 3150242
Conc: 36.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



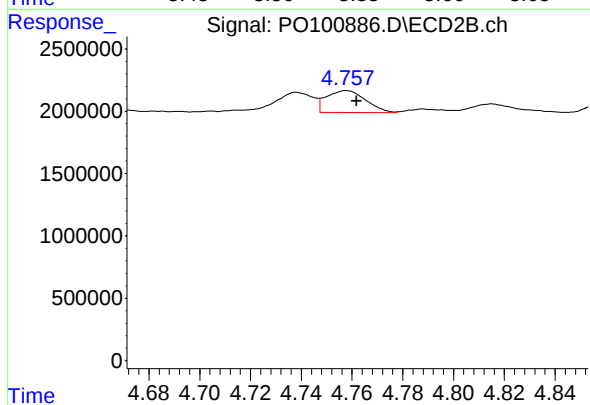
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 1764966
Conc: 28.52 ng/ml



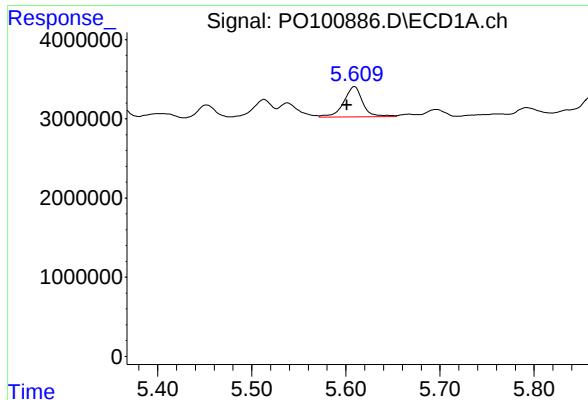
#4 AR-1016-2

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 2544023
Conc: 19.93 ng/ml



#4 AR-1016-2

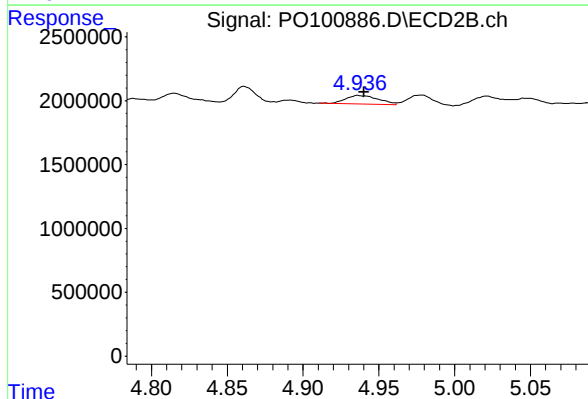
R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 1883761
Conc: 21.36 ng/ml



#5 AR-1016-3

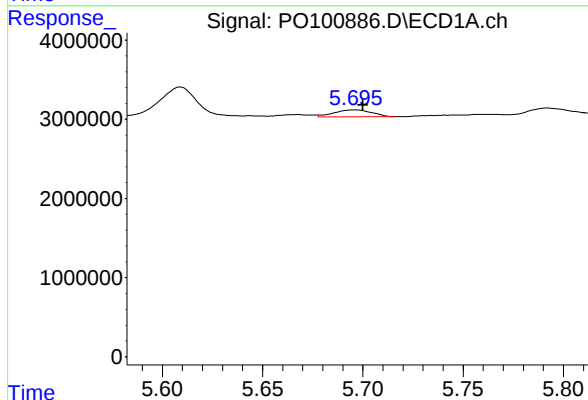
R.T.: 5.609 min
Delta R.T.: 0.008 min
Response: 5381429
Conc: 68.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



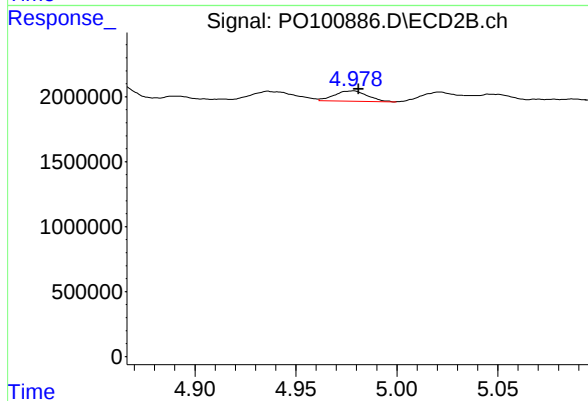
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: 994232
Conc: 21.28 ng/ml



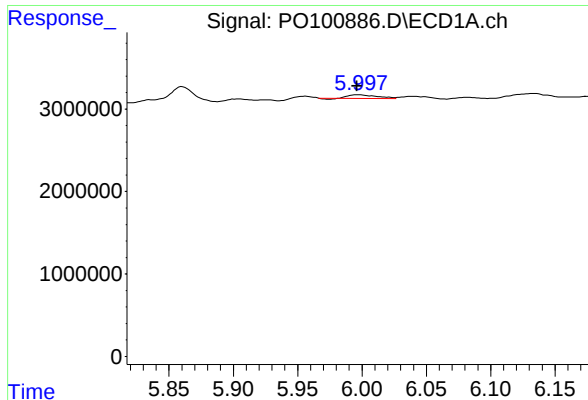
#6 AR-1016-4

R.T.: 5.696 min
Delta R.T.: -0.004 min
Response: 1141827
Conc: 18.74 ng/ml



#6 AR-1016-4

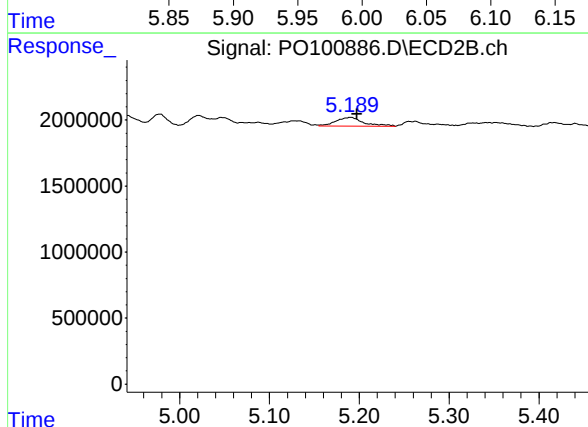
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 905181
Conc: 22.06 ng/ml



#7 AR-1016-5

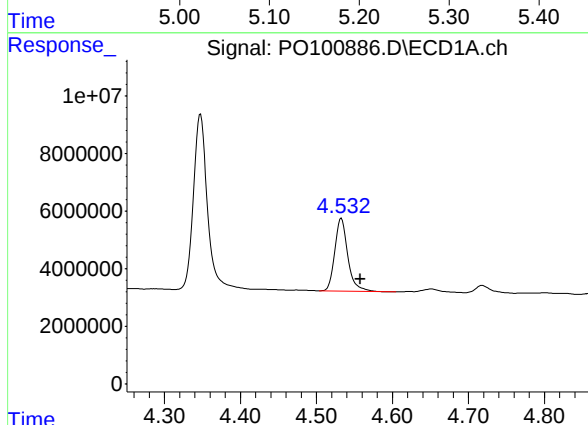
R.T.: 5.997 min
Delta R.T.: 0.001 min
Response: 699355
Conc: 11.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



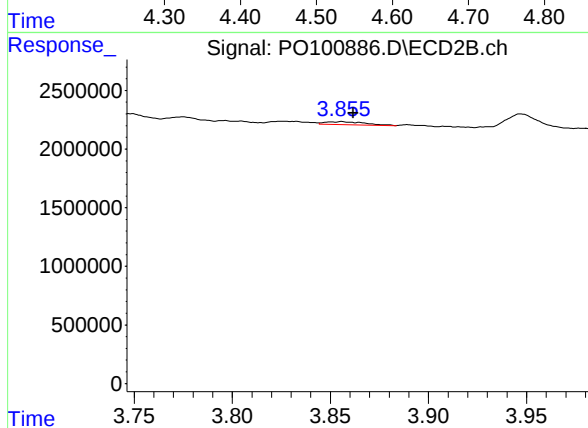
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: -0.007 min
Response: 1386672
Conc: 26.69 ng/ml



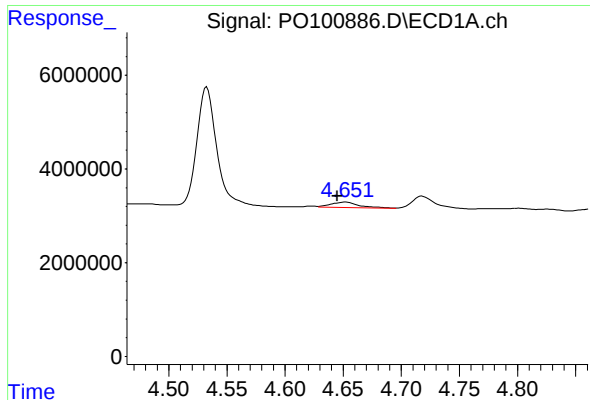
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.025 min
Response: 29913876
Conc: 809.20 ng/ml



#8 AR-1221-1

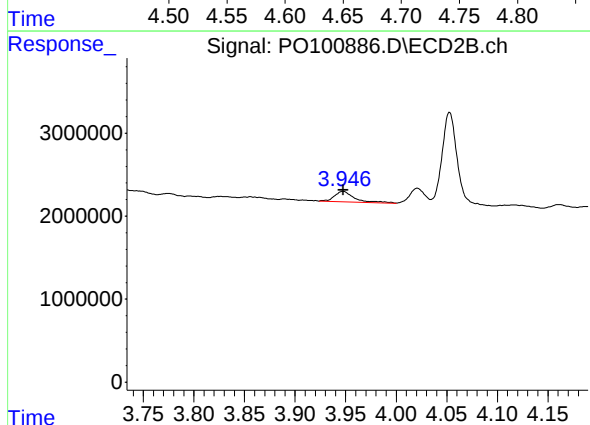
R.T.: 3.856 min
Delta R.T.: -0.006 min
Response: 368110
Conc: 14.66 ng/ml



#9 AR-1221-2

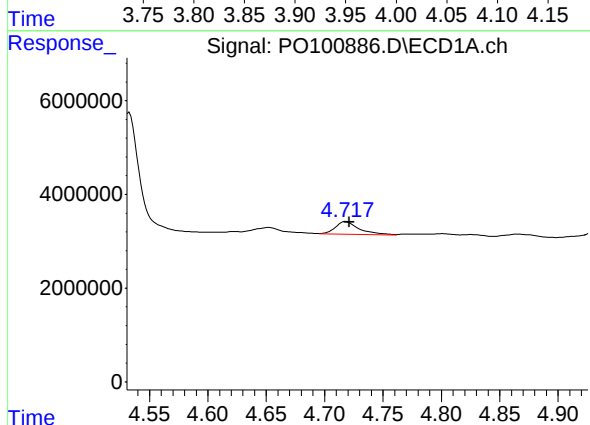
R.T.: 4.652 min
Delta R.T.: 0.007 min
Response: 1890789
Conc: 68.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



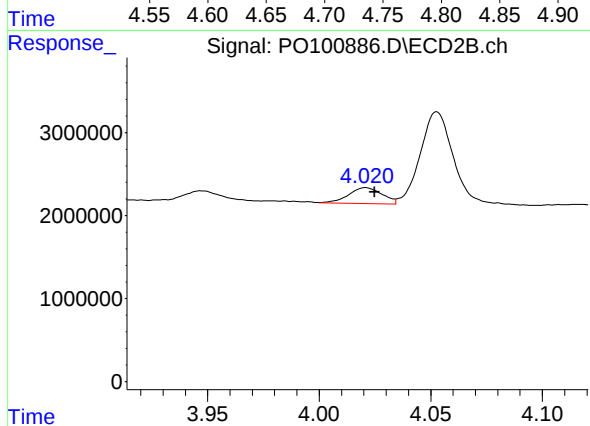
#9 AR-1221-2

R.T.: 3.947 min
Delta R.T.: 0.000 min
Response: 1781348
Conc: 92.77 ng/ml



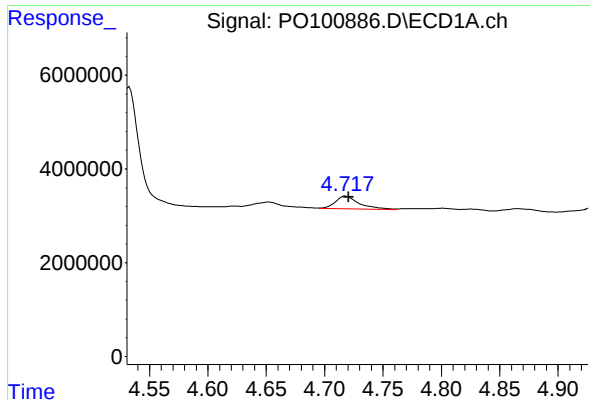
#10 AR-1221-3

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 3775493
Conc: 45.24 ng/ml



#10 AR-1221-3

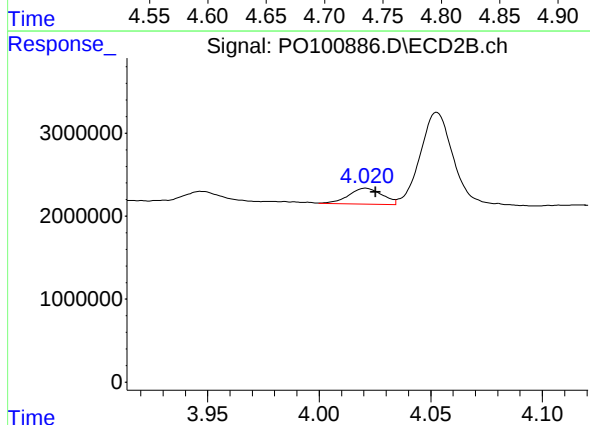
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 2022678
Conc: 34.37 ng/ml



#11 AR-1232-1

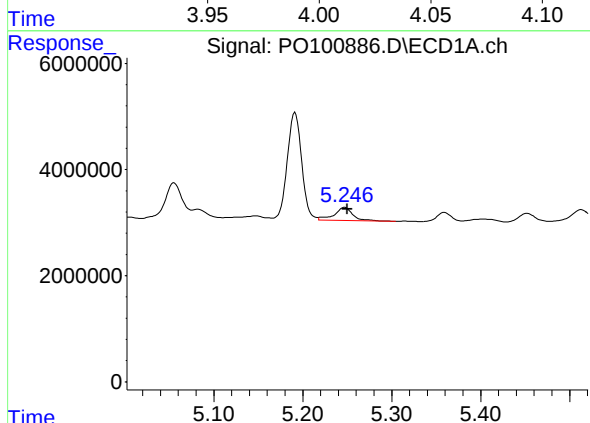
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 3775493
Conc: 56.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



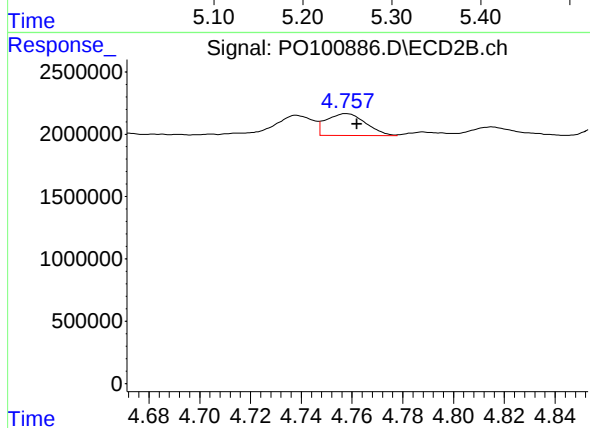
#11 AR-1232-1

R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 2022678
Conc: 42.78 ng/ml



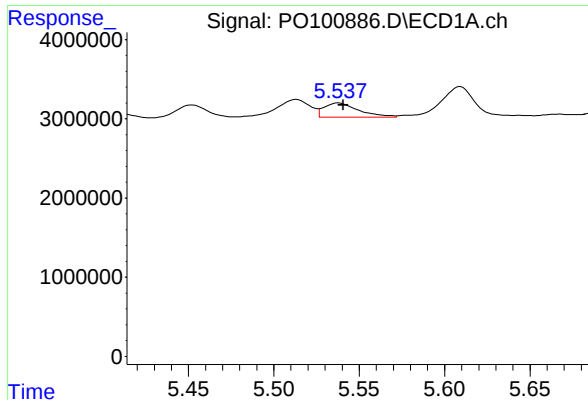
#12 AR-1232-2

R.T.: 5.247 min
Delta R.T.: -0.003 min
Response: 3624968
Conc: 103.40 ng/ml



#12 AR-1232-2

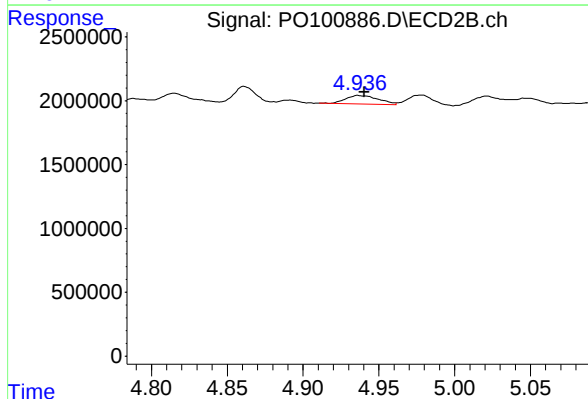
R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 1883761
Conc: 45.16 ng/ml



#13 AR-1232-3

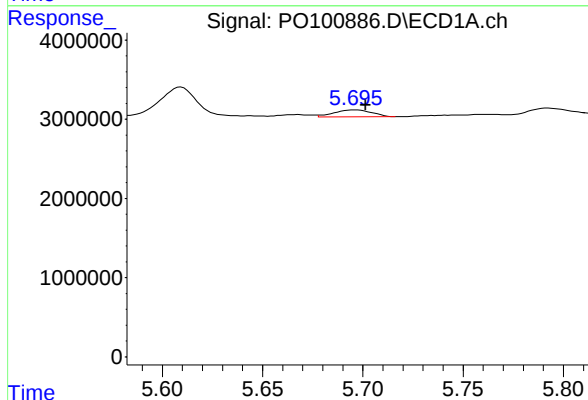
R.T.: 5.538 min
Delta R.T.: -0.003 min
Response: 2544023
Conc: 42.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



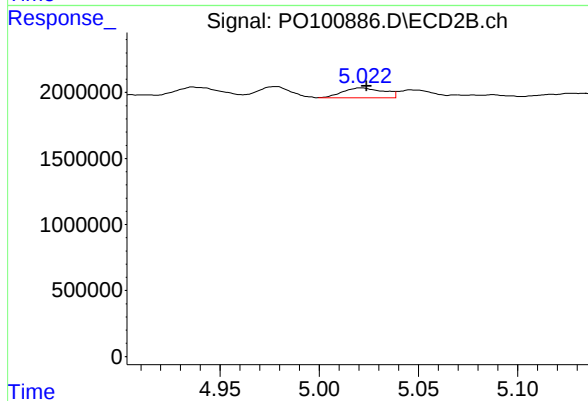
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: 994232
Conc: 46.34 ng/ml



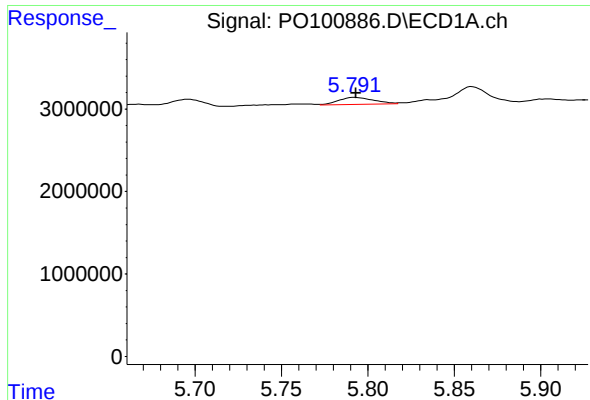
#14 AR-1232-4

R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 1141827
Conc: 41.64 ng/ml



#14 AR-1232-4

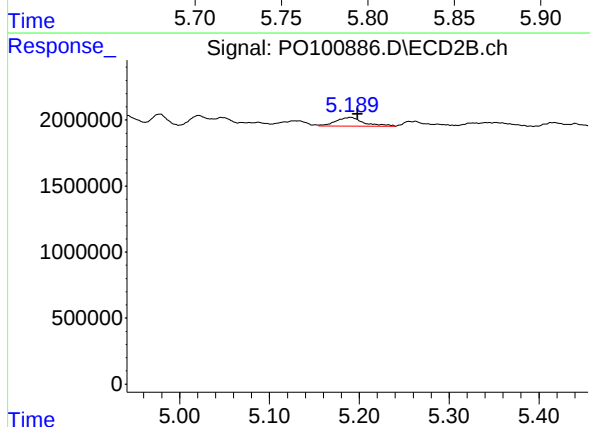
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 1073191
Conc: 50.51 ng/ml



#15 AR-1232-5

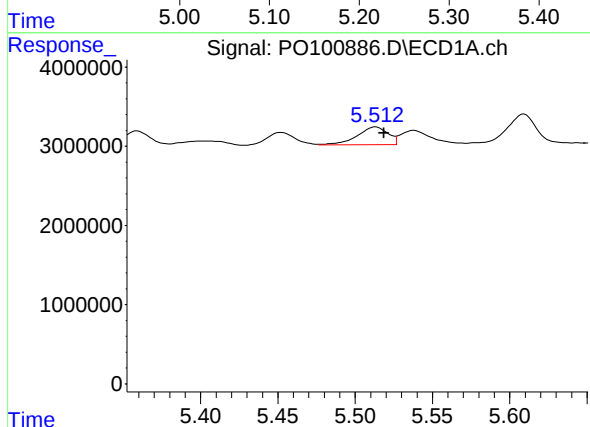
R.T.: 5.792 min
Delta R.T.: -0.001 min
Response: 1214705
Conc: 50.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



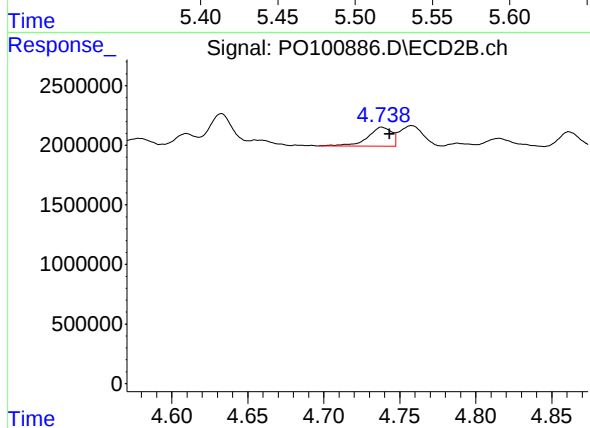
#15 AR-1232-5

R.T.: 5.191 min
Delta R.T.: -0.008 min
Response: 1386672
Conc: 63.45 ng/ml



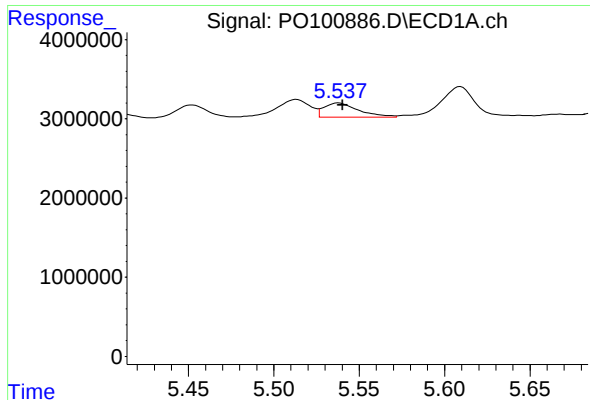
#16 AR-1242-1

R.T.: 5.513 min
Delta R.T.: -0.006 min
Response: 3150242
Conc: 44.66 ng/ml



#16 AR-1242-1

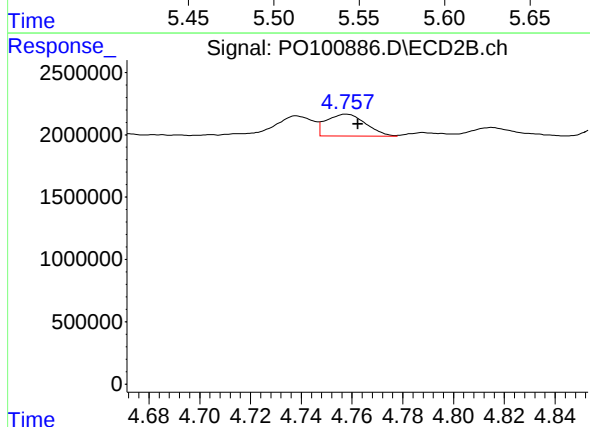
R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 1764966
Conc: 33.79 ng/ml



#17 AR-1242-2

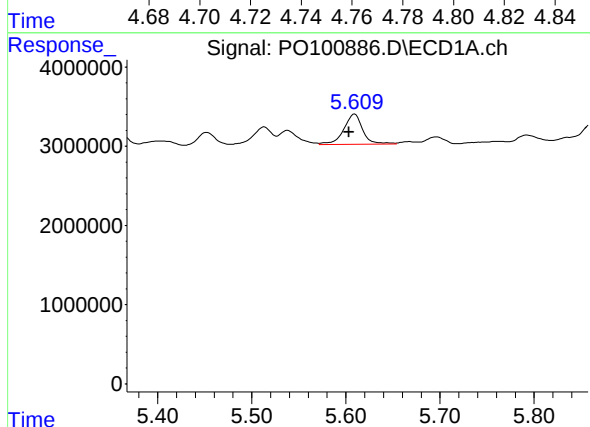
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 2544023
Conc: 24.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



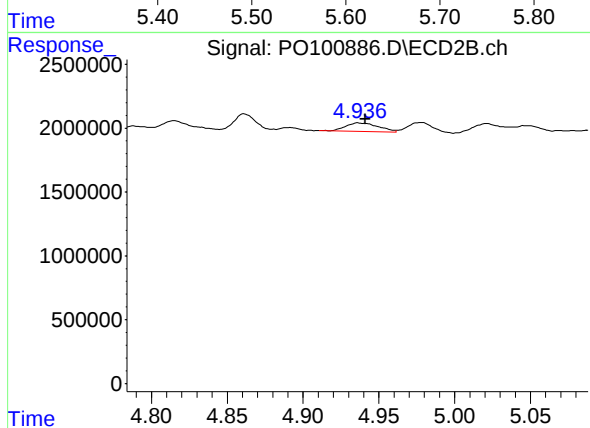
#17 AR-1242-2

R.T.: 4.758 min
Delta R.T.: -0.005 min
Response: 1883761
Conc: 25.99 ng/ml



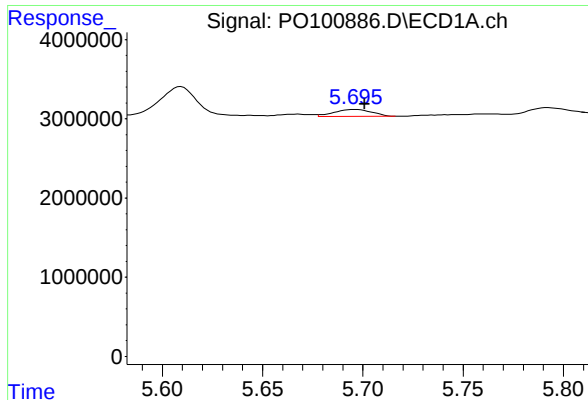
#18 AR-1242-3

R.T.: 5.609 min
Delta R.T.: 0.006 min
Response: 5381429
Conc: 82.79 ng/ml



#18 AR-1242-3

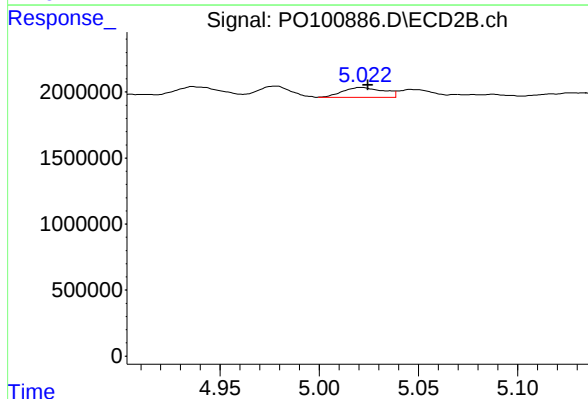
R.T.: 4.936 min
Delta R.T.: -0.005 min
Response: 994232
Conc: 25.95 ng/ml



#19 AR-1242-4

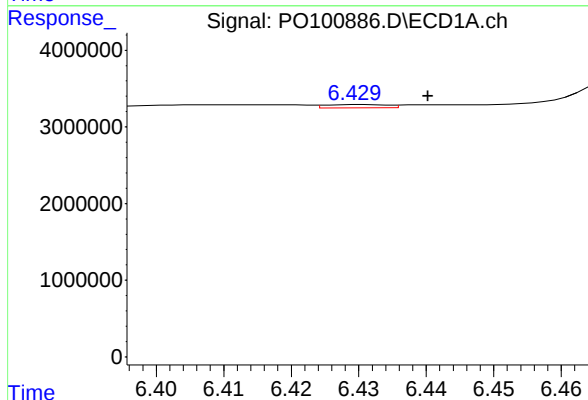
R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 1141827
Conc: 22.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



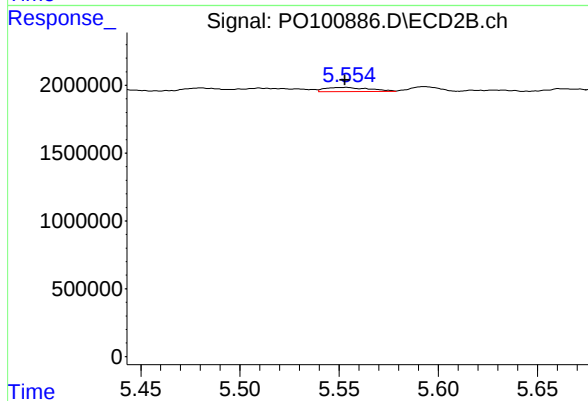
#19 AR-1242-4

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 1073191
Conc: 25.75 ng/ml



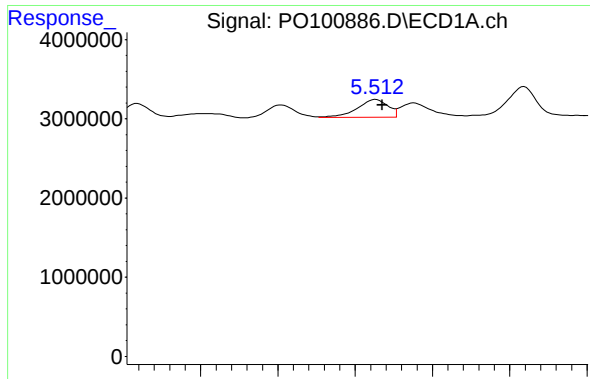
#20 AR-1242-5

R.T.: 6.431 min
Delta R.T.: -0.010 min
Response: 271349
Conc: 5.24 ng/ml



#20 AR-1242-5

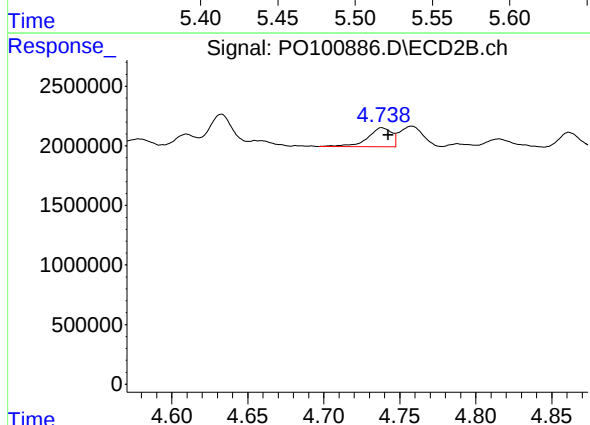
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 478676
Conc: 10.43 ng/ml



#21 AR-1248-1

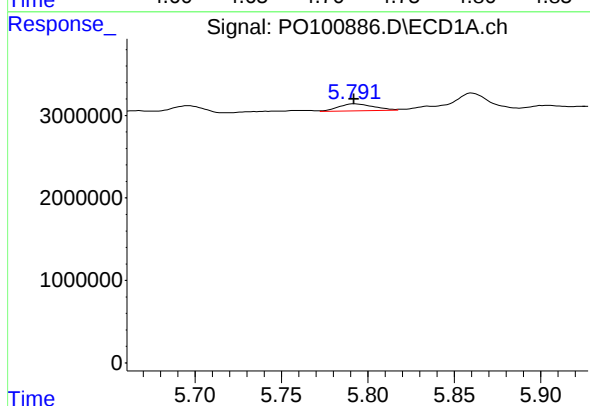
R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 3150242
Conc: 57.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



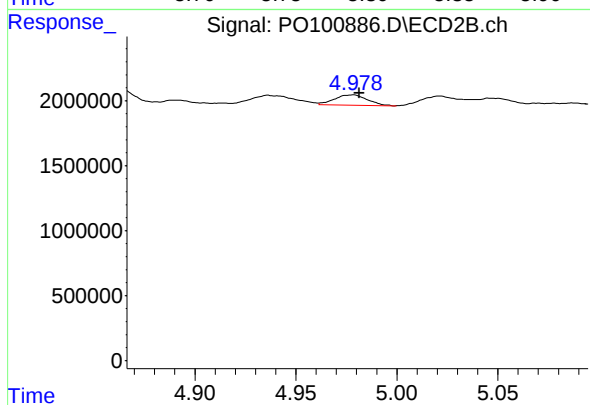
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 1764966
Conc: 44.14 ng/ml



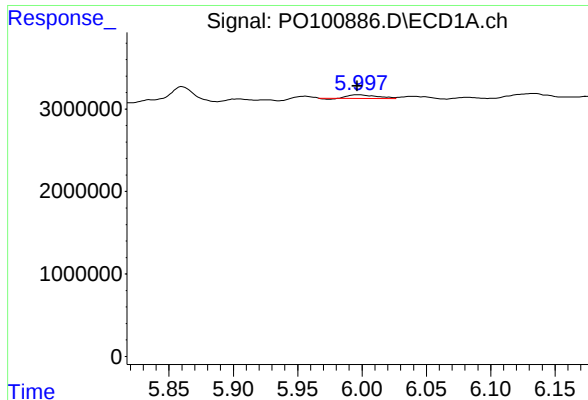
#22 AR-1248-2

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 1214705
Conc: 14.06 ng/ml



#22 AR-1248-2

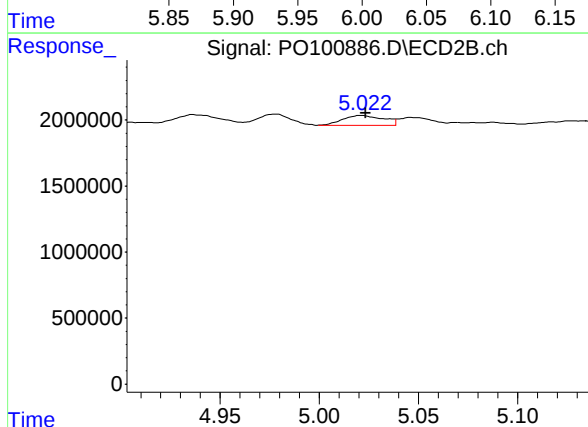
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 905181
Conc: 15.05 ng/ml



#23 AR-1248-3

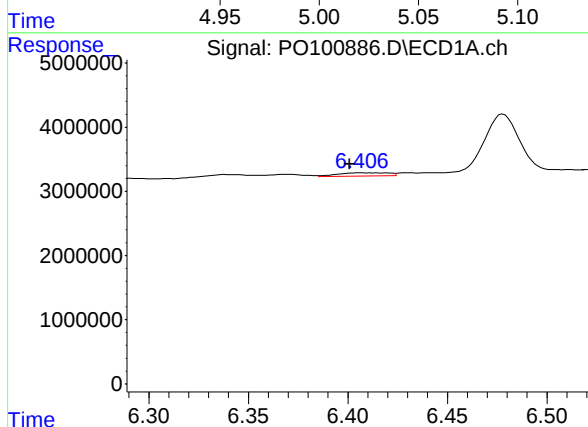
R.T.: 5.997 min
Delta R.T.: 0.001 min
Response: 699355
Conc: 7.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



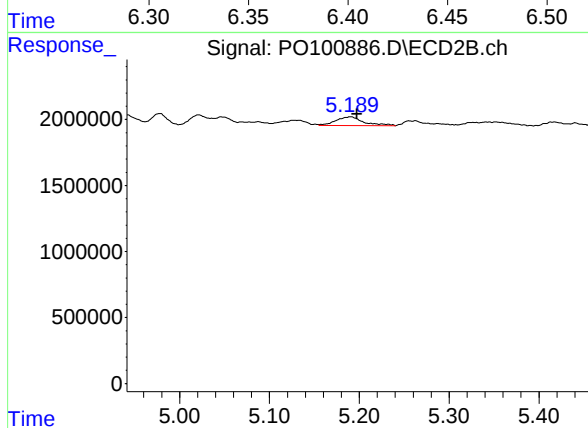
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 1073191
Conc: 17.17 ng/ml



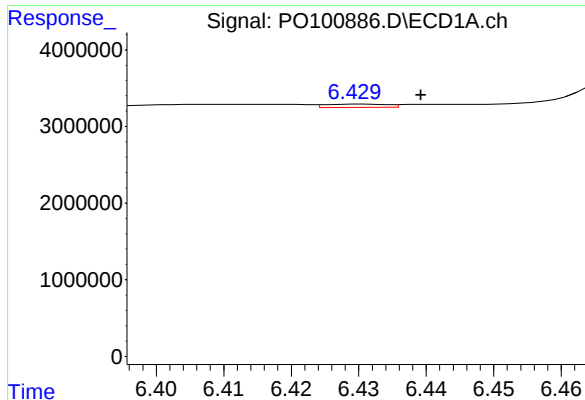
#24 AR-1248-4

R.T.: 6.407 min
Delta R.T.: 0.006 min
Response: 907165
Conc: 10.09 ng/ml



#24 AR-1248-4

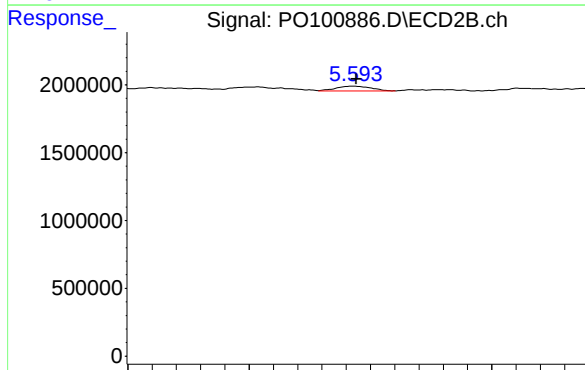
R.T.: 5.191 min
Delta R.T.: -0.007 min
Response: 1386672
Conc: 19.25 ng/ml



#25 AR-1248-5

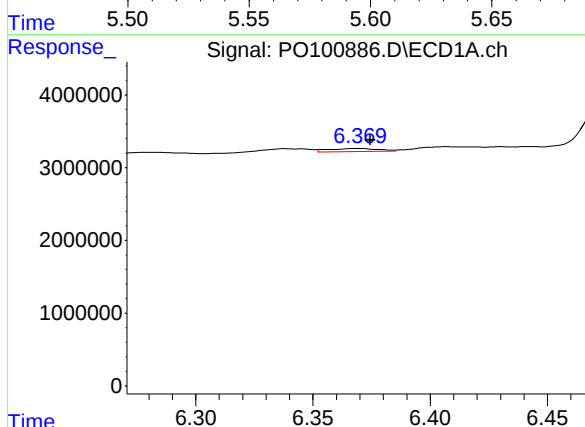
R.T.: 6.431 min
Delta R.T.: -0.009 min
Response: 271349
Conc: 3.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



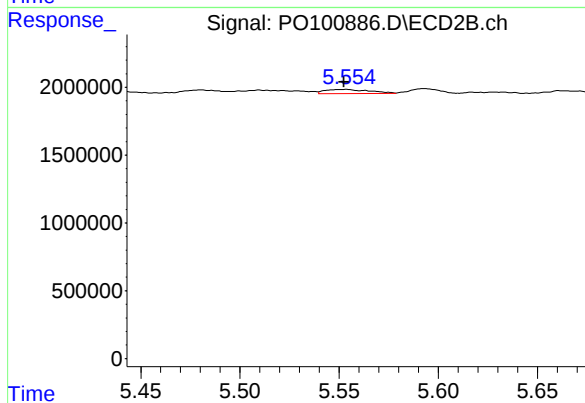
#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: -0.001 min
Response: 366966
Conc: 5.95 ng/ml



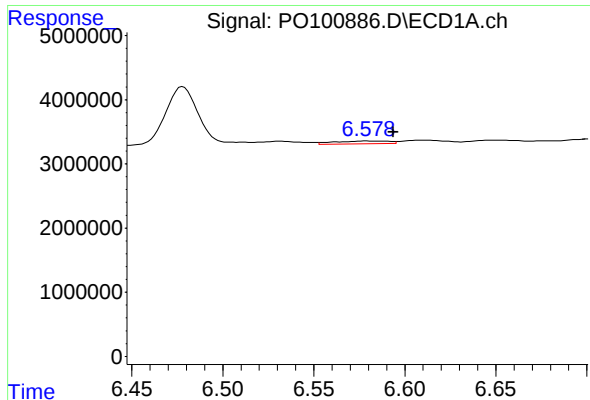
#26 AR-1254-1

R.T.: 6.370 min
Delta R.T.: -0.005 min
Response: 649600
Conc: 6.18 ng/ml



#26 AR-1254-1

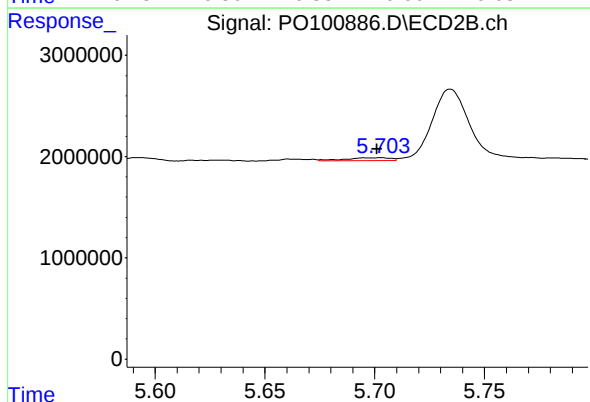
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 478676
Conc: 4.66 ng/ml



#27 AR-1254-2

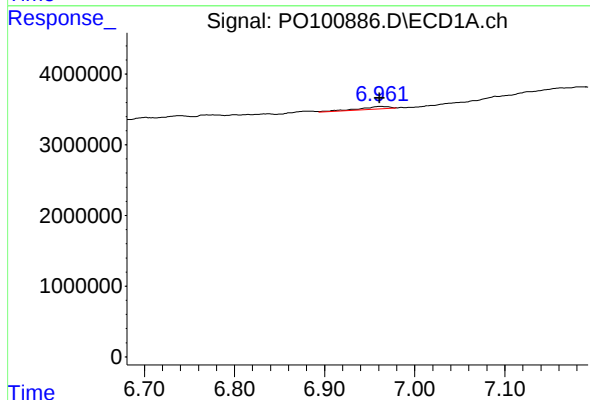
R.T.: 6.579 min
Delta R.T.: -0.015 min
Response: 925497
Conc: 6.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



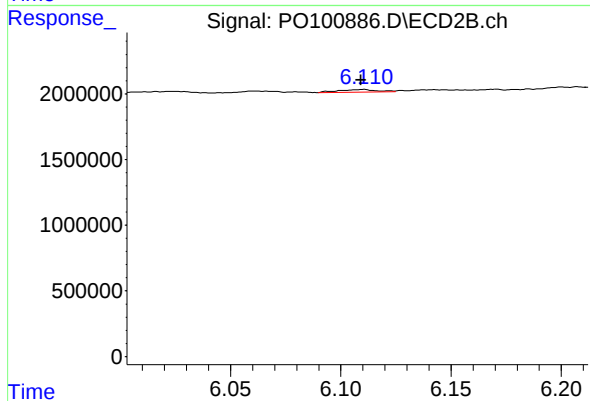
#27 AR-1254-2

R.T.: 5.703 min
Delta R.T.: 0.002 min
Response: 387999
Conc: 4.22 ng/ml



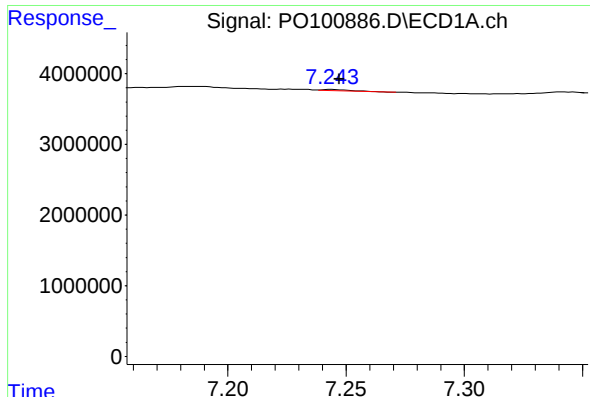
#28 AR-1254-3

R.T.: 6.962 min
Delta R.T.: 0.001 min
Response: 883406
Conc: 6.31 ng/ml



#28 AR-1254-3

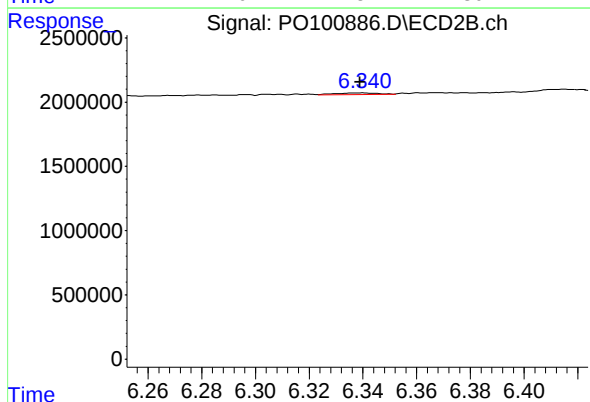
R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 234808
Conc: 1.74 ng/ml



#29 AR-1254-4

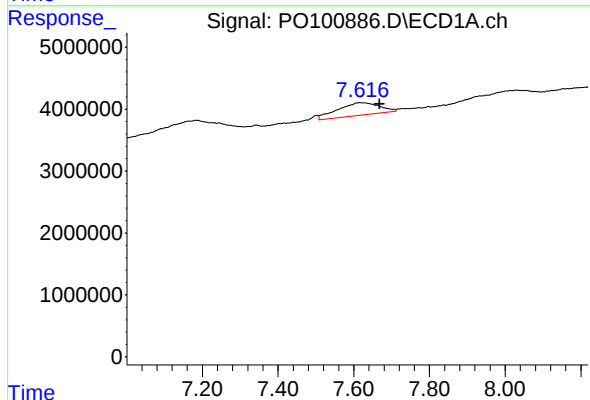
R.T.: 7.244 min
Delta R.T.: -0.003 min
Response: 167289
Conc: 1.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



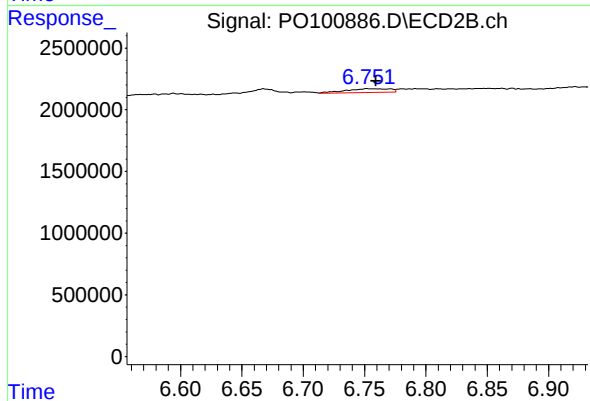
#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 129371
Conc: 1.79 ng/ml



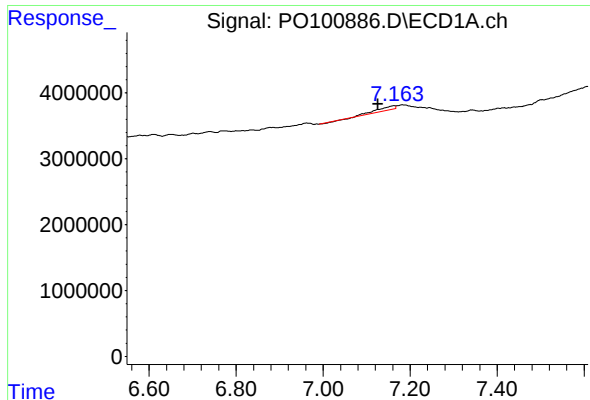
#30 AR-1254-5

R.T.: 7.616 min
Delta R.T.: -0.052 min
Response: 15691777
Conc: 132.61 ng/ml



#30 AR-1254-5

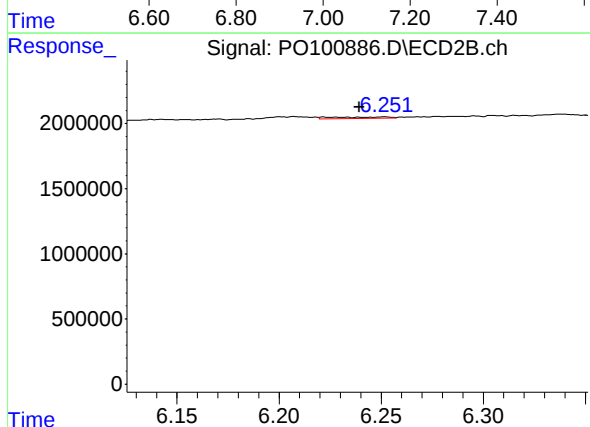
R.T.: 6.752 min
Delta R.T.: -0.007 min
Response: 771609
Conc: 6.70 ng/ml



#31 AR-1260-1

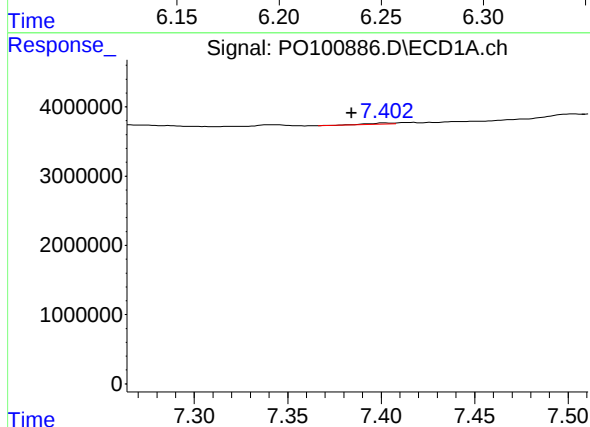
R.T.: 7.163 min
Delta R.T.: 0.037 min
Response: 1310252
Conc: 9.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



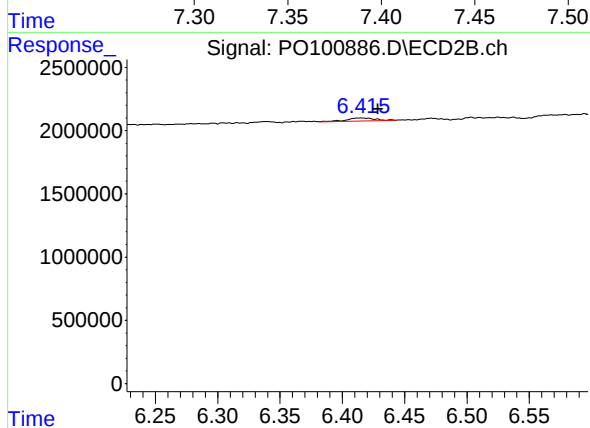
#31 AR-1260-1

R.T.: 6.251 min
Delta R.T.: 0.012 min
Response: 206225
Conc: 2.17 ng/ml



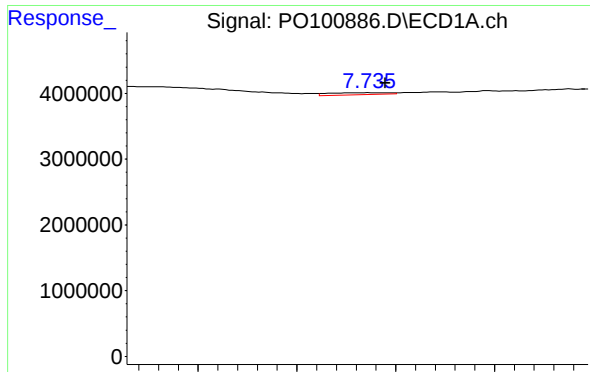
#32 AR-1260-2

R.T.: 7.402 min
Delta R.T.: 0.018 min
Response: 165825
Conc: 1.32 ng/ml



#32 AR-1260-2

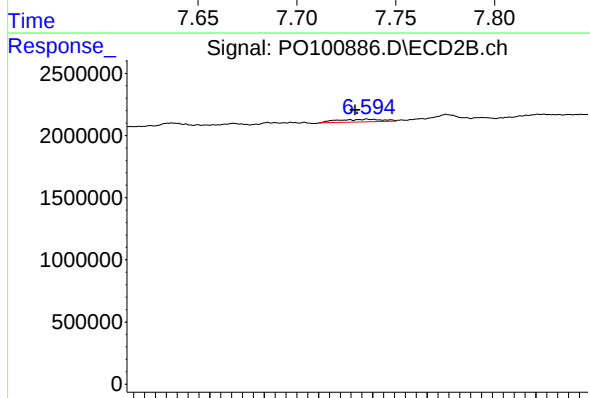
R.T.: 6.415 min
Delta R.T.: -0.013 min
Response: 408861
Conc: 3.80 ng/ml



#33 AR-1260-3

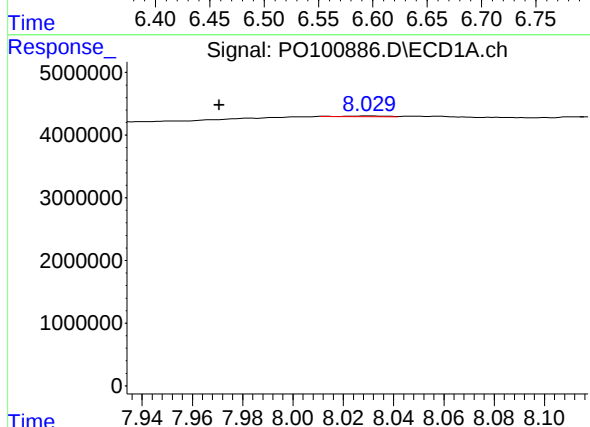
R.T.: 7.736 min
Delta R.T.: -0.008 min
Response: 611392
Conc: 6.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



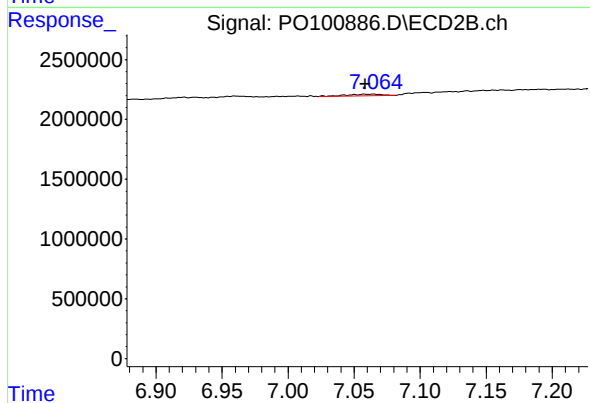
#33 AR-1260-3

R.T.: 6.594 min
Delta R.T.: 0.010 min
Response: 653420
Conc: 6.38 ng/ml



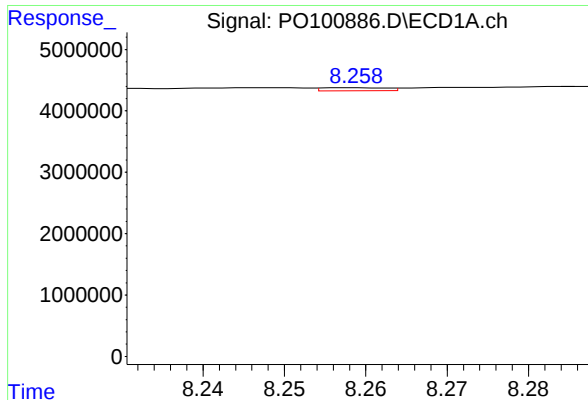
#34 AR-1260-4

R.T.: 8.030 min
Delta R.T.: 0.059 min
Response: 140963
Conc: 1.34 ng/ml



#34 AR-1260-4

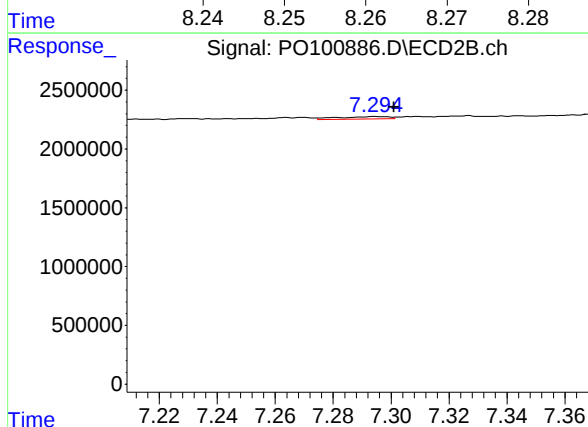
R.T.: 7.065 min
Delta R.T.: 0.006 min
Response: 272133
Conc: 3.34 ng/ml



#35 AR-1260-5

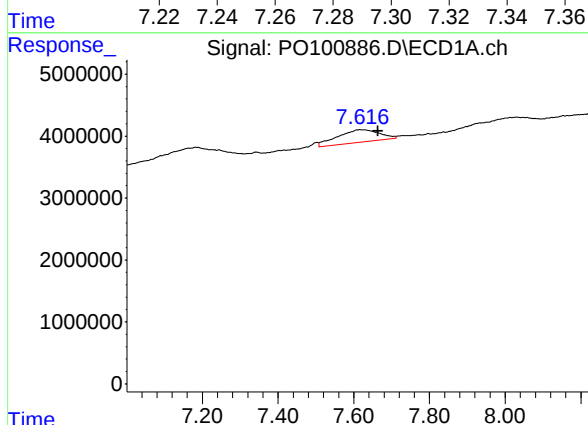
R.T.: 8.259 min
Delta R.T.: -0.030 min
Response: 274516
Conc: 1.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



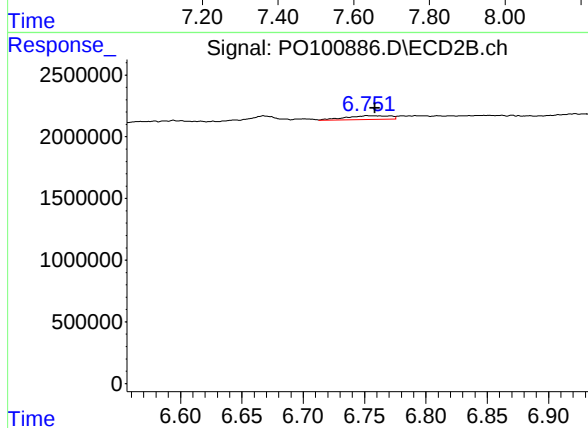
#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.006 min
Response: 249540
Conc: 1.38 ng/ml



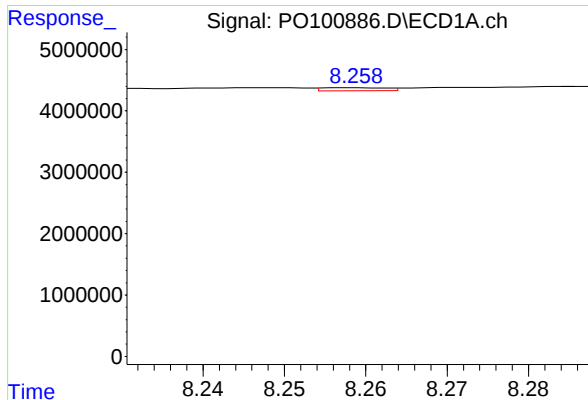
#36 AR-1262-1

R.T.: 7.616 min
Delta R.T.: -0.048 min
Response: 15691777
Conc: 157.08 ng/ml



#36 AR-1262-1

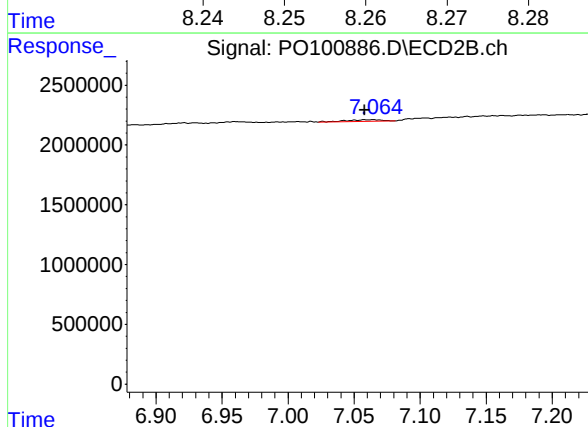
R.T.: 6.752 min
Delta R.T.: -0.007 min
Response: 771609
Conc: 12.37 ng/ml



#37 AR-1262-2

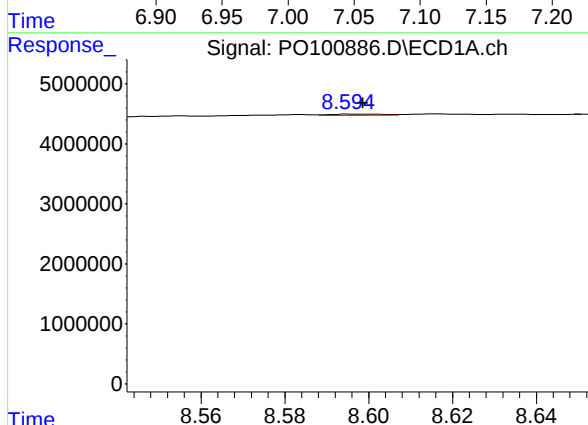
R.T.: 8.259 min
Delta R.T.: -0.029 min
Response: 274516
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



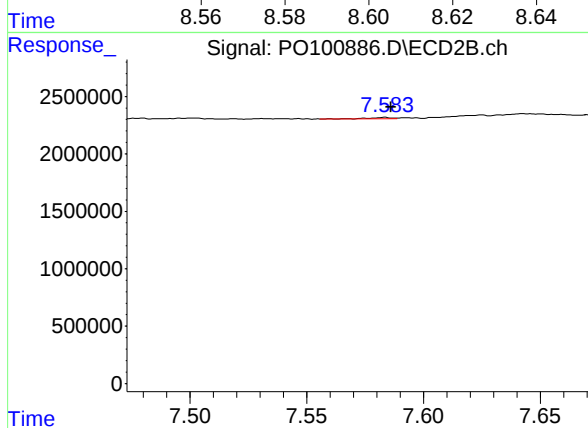
#37 AR-1262-2

R.T.: 7.065 min
Delta R.T.: 0.007 min
Response: 272133
Conc: 2.41 ng/ml



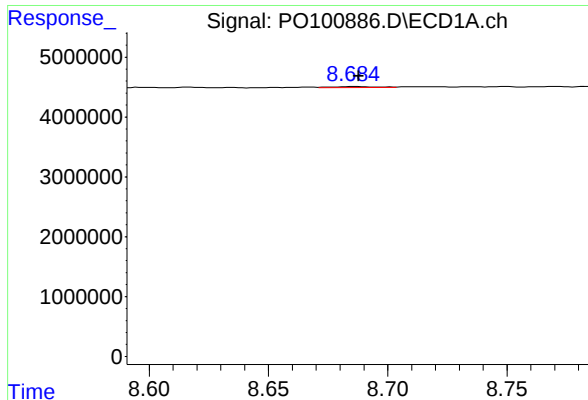
#38 AR-1262-3

R.T.: 8.596 min
Delta R.T.: -0.003 min
Response: 183670
Conc: 1.13 ng/ml



#38 AR-1262-3

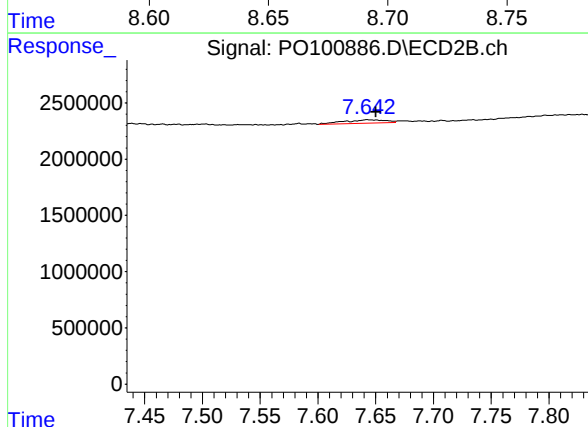
R.T.: 7.583 min
Delta R.T.: -0.003 min
Response: 60040
Conc: 0.78 ng/ml



#39 AR-1262-4

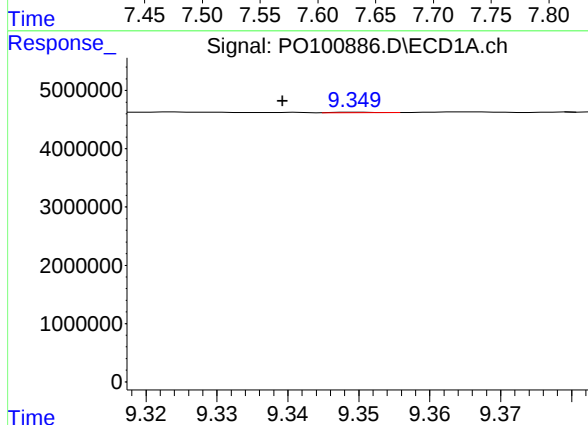
R.T.: 8.686 min
Delta R.T.: -0.002 min
Response: 203871
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



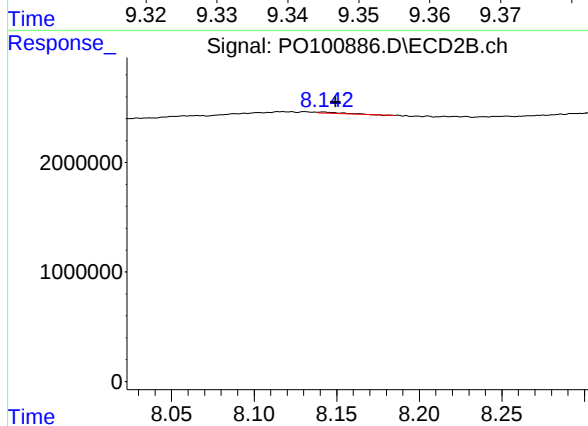
#39 AR-1262-4

R.T.: 7.643 min
Delta R.T.: -0.007 min
Response: 770669
Conc: 5.22 ng/ml



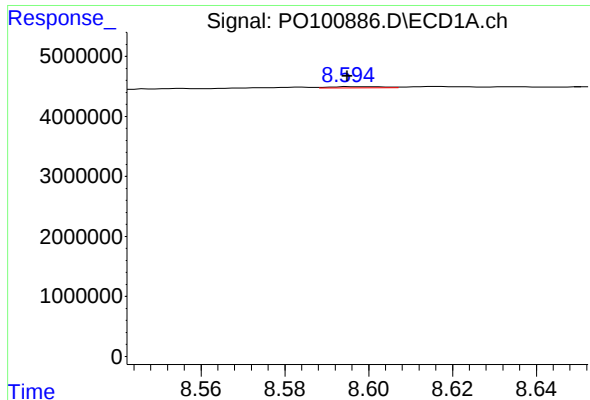
#40 AR-1262-5

R.T.: 9.350 min
Delta R.T.: 0.011 min
Response: 24753
Conc: 0.31 ng/ml



#40 AR-1262-5

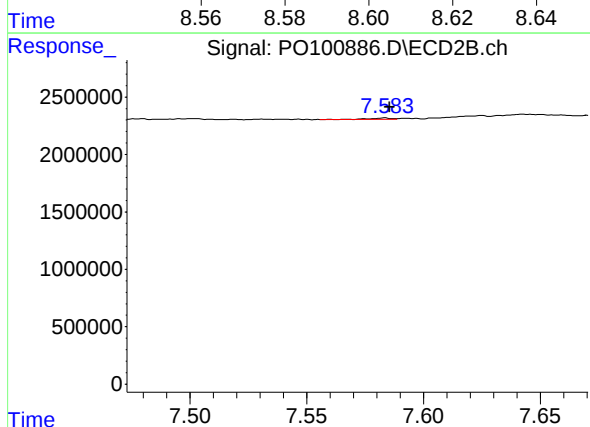
R.T.: 8.142 min
Delta R.T.: -0.008 min
Response: 116949
Conc: 1.83 ng/ml



#41 AR-1268-1

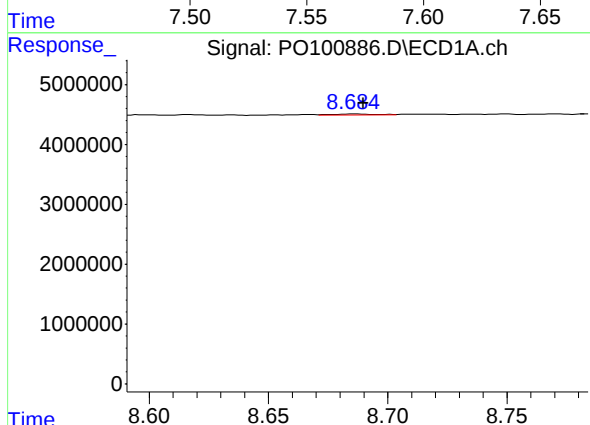
R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 183670
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



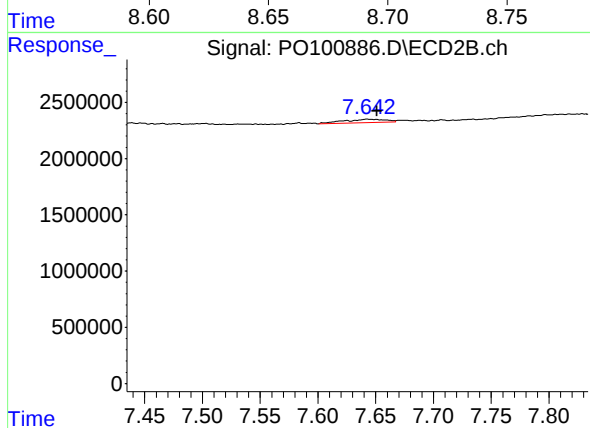
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: -0.002 min
Response: 60040
Conc: 0.27 ng/ml



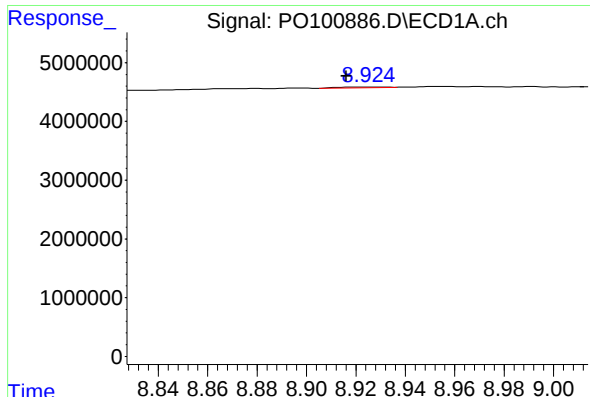
#42 AR-1268-2

R.T.: 8.686 min
Delta R.T.: -0.004 min
Response: 203871
Conc: 0.81 ng/ml



#42 AR-1268-2

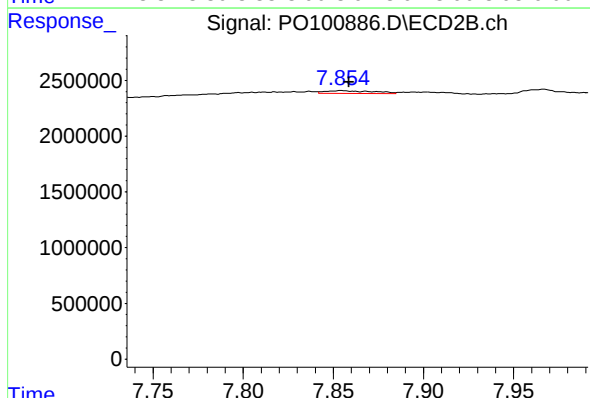
R.T.: 7.643 min
Delta R.T.: -0.008 min
Response: 770669
Conc: 3.81 ng/ml



#43 AR-1268-3

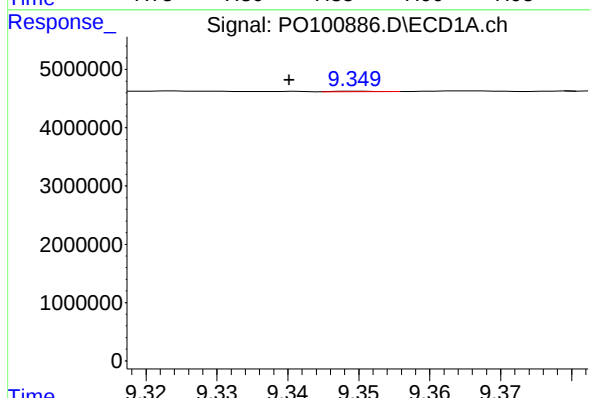
R.T.: 8.925 min
Delta R.T.: 0.009 min
Response: 163859
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



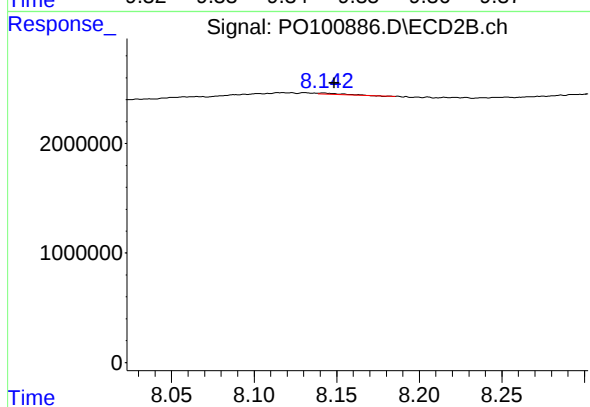
#43 AR-1268-3

R.T.: 7.855 min
Delta R.T.: -0.004 min
Response: 476287
Conc: 2.52 ng/ml



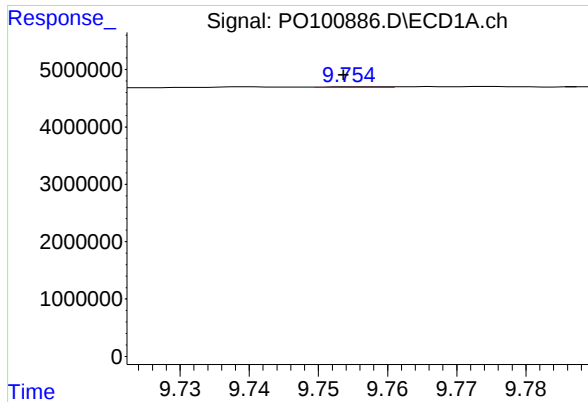
#44 AR-1268-4

R.T.: 9.350 min
Delta R.T.: 0.010 min
Response: 24753
Conc: 0.32 ng/ml



#44 AR-1268-4

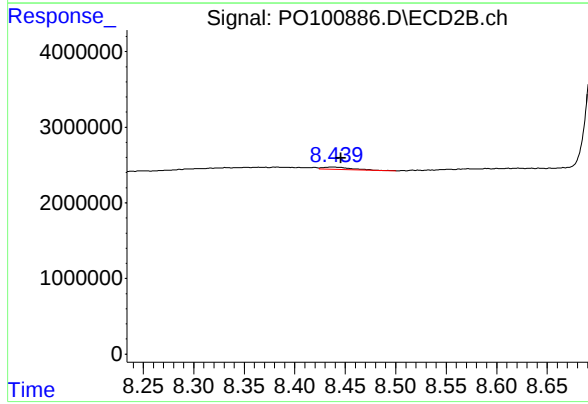
R.T.: 8.142 min
Delta R.T.: -0.007 min
Response: 116949
Conc: 1.74 ng/ml



#45 AR-1268-5

R.T.: 9.756 min
Delta R.T.: 0.002 min
Response: 68144
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
1212



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: -0.007 min
Response: 556337
Conc: 1.07 ng/ml