

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122923\
 Data File : P0100861.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2023 12:31
 Operator : YP/AJ
 Sample : 06025-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 50230

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 23:33:50 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...	4.348	3.645	60857857	42399075	19.504	20.749
2) SA Decachlor...	10.097	8.706	33058089	25848332	15.824	17.125
Target Compounds						
3) L1 AR-1016-1	5.503	4.754	4940975	7038784	57.569	113.741 #
4) L1 AR-1016-2	5.548	4.754	1811093	7038784	14.188	79.829 #
5) L1 AR-1016-3	5.592	4.936	5668809	-90682	71.879	N.D. #
6) L1 AR-1016-4	5.693	4.986	1689980	9780524	27.733	238.328 #
7) L1 AR-1016-5	5.985	5.158f	3062029	1349065	50.021	25.970 #
8) L2 AR-1221-1	4.557	3.864	8275233	137080	223.853	5.459 #
9) L2 AR-1221-2	4.658	3.935	1062333	4530380	38.253	235.928 #
10) L2 AR-1221-3	4.723	4.025	795066	247992	9.526	4.214 #
11) L3 AR-1232-1	4.723	4.025	795066	247992	11.926	5.245 #
12) L3 AR-1232-2	5.226	4.754	8544085	7038784	243.707	168.756 #
13) L3 AR-1232-3	5.548	4.936	1811093	-90682	30.354	N.D. #
14) L3 AR-1232-4	5.693	5.047	1689980	12114214	61.634	570.164 #
15) L3 AR-1232-5	5.794	5.158f	979647	1349065	40.746	61.732 #
16) L4 AR-1242-1	5.503	4.754	4940975	7038784	70.054	134.770 #
17) L4 AR-1242-2	5.548	4.754	1811093	7038784	17.255	97.122 #
18) L4 AR-1242-3	5.592	4.936	5668809	-90682	87.206	N.D. #
19) L4 AR-1242-4	5.693	5.047	1689980	12114214	33.747	290.637 #
20) L4 AR-1242-5	6.419	5.574	34018800	3418611	657.282	74.488 #
21) L5 AR-1248-1	5.503	4.754	4940975	7038784	90.065	176.020 #
22) L5 AR-1248-2	5.794	4.986	979647	9780524	11.343	162.568 #
23) L5 AR-1248-3	5.985	5.047	3062029	12114214	34.886	193.799 #
24) L5 AR-1248-4	6.419	5.158f	34018800	1349065	378.378	18.729 #
25) L5 AR-1248-5	6.419	5.599	34018800	3380610	378.995	54.798 #
26) L6 AR-1254-1	6.353	5.574	383834	3418611	3.651	33.310 #
27) L6 AR-1254-2	6.601	5.688	50507	5153856	0.342	56.099 #
28) L6 AR-1254-3	6.973	6.088	57000	1084304	0.407	8.018 #
29) L6 AR-1254-4	7.253	6.323	284397	815607	3.345	11.307 #
30) L6 AR-1254-5	7.712f	6.736	676291	1410028	5.715	12.237 #
31) L7 AR-1260-1	7.141	6.223	1745463	1842828	12.741	19.347 #
32) L7 AR-1260-2	7.371	6.442	163362	629691	1.299	5.858 #
33) L7 AR-1260-3	7.727	6.599	560631	665412	5.788	6.492
34) L7 AR-1260-4	7.959	7.072	770791	276040	7.304	3.386 #
35) L7 AR-1260-5	8.318	7.279	10861718	1311082	51.455	7.265 #
36) L8 AR-1262-1	7.712f	6.736	676291	1410028	6.770	22.604 #
37) L8 AR-1262-2	8.318	7.044	10861718	901008	45.771	7.973 #
39) L8 AR-1262-4	8.698	7.642	268234	295101	2.080	1.998
40) L8 AR-1262-5	9.378f	8.139	30521	606066	0.383	9.477 #
41) L9 AR-1268-1	8.599	7.591	233435	-143807	0.826	N.D. #
42) L9 AR-1268-2	8.698	7.642	268234	295101	1.061	1.459 #

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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
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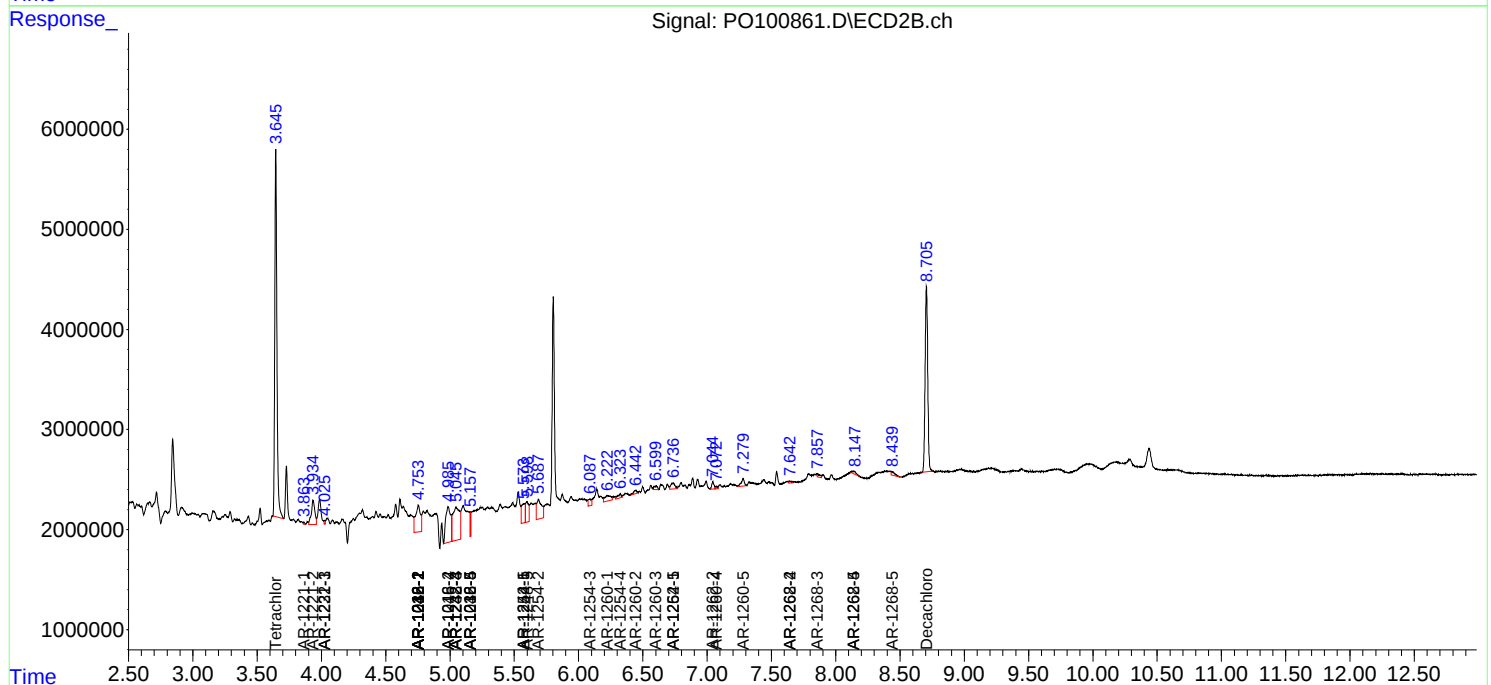
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

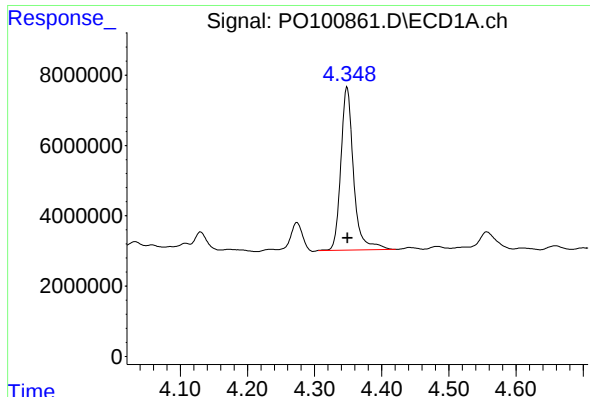
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.915	7.859	79267	479532	0.347	2.542 #
44) L9	AR-1268-4	9.378f	8.139	30521	606066	0.390	9.027 #
45) L9	AR-1268-5	9.756	8.439	335897	684946	0.468	1.320 #

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

Instrument :
ECD_O
ClientSampleId :
50230

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

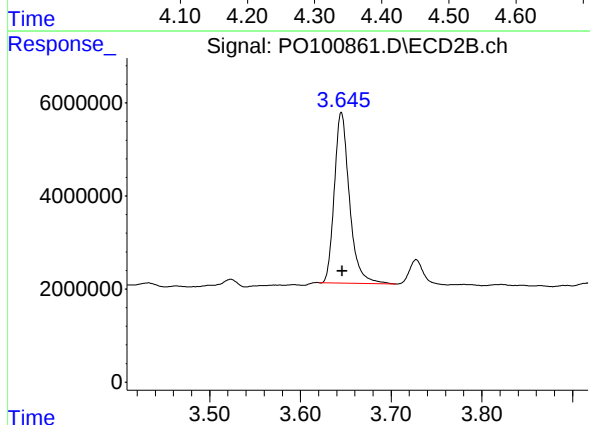




#1 Tetrachloro-m-xylene

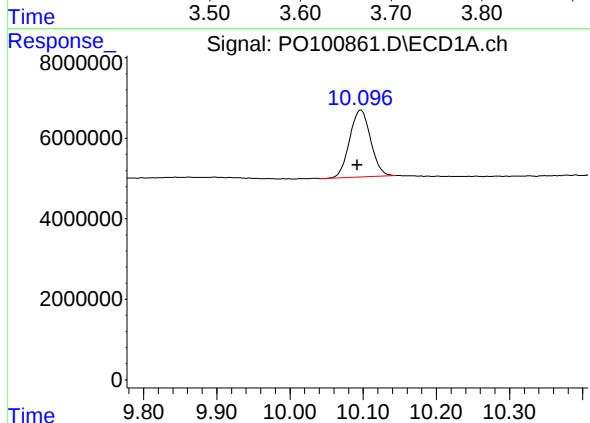
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 60857857
Conc: 19.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



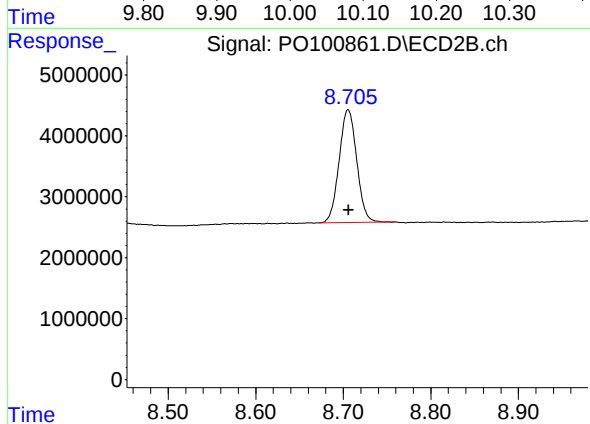
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.001 min
Response: 42399075
Conc: 20.75 ng/ml



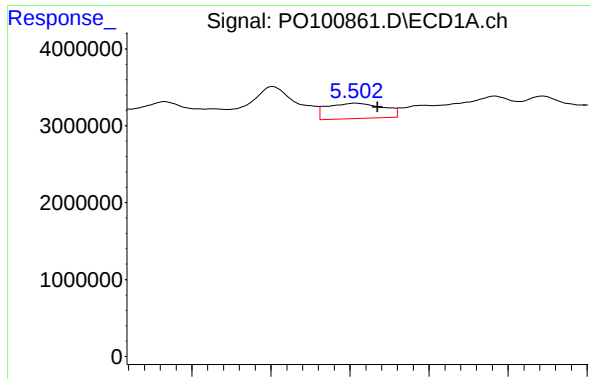
#2 Decachlorobiphenyl

R.T.: 10.097 min
Delta R.T.: 0.005 min
Response: 33058089
Conc: 15.82 ng/ml



#2 Decachlorobiphenyl

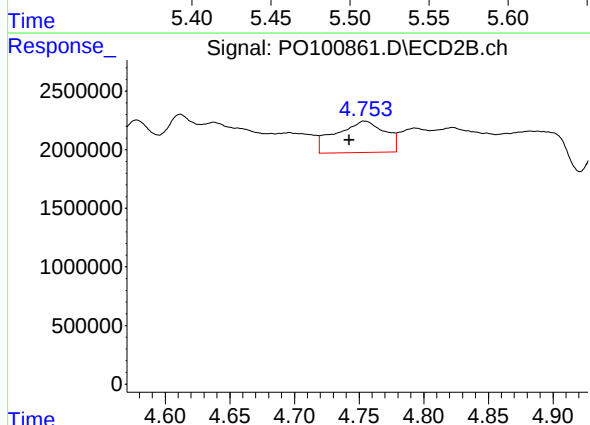
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 25848332
Conc: 17.13 ng/ml



#3 AR-1016-1

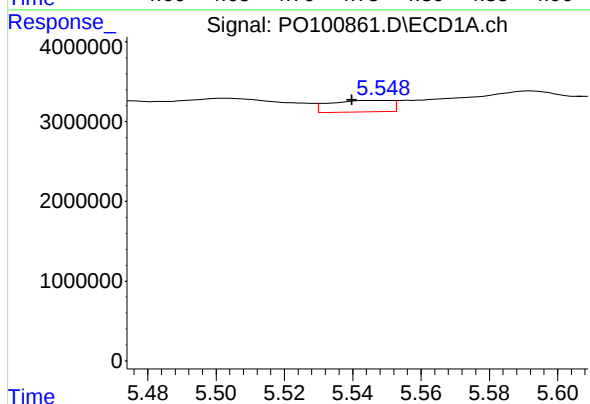
R.T.: 5.503 min
Delta R.T.: -0.014 min
Response: 4940975
Conc: 57.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



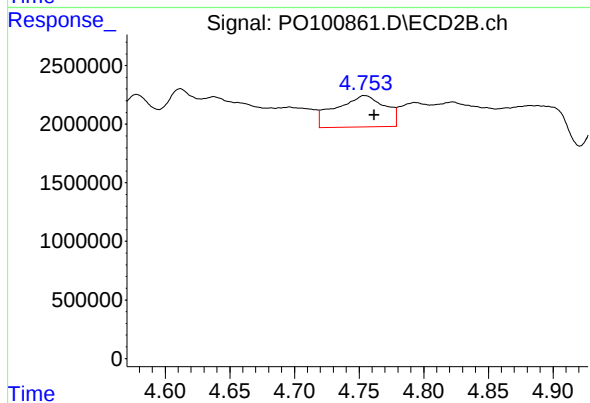
#3 AR-1016-1

R.T.: 4.754 min
Delta R.T.: 0.012 min
Response: 7038784
Conc: 113.74 ng/ml



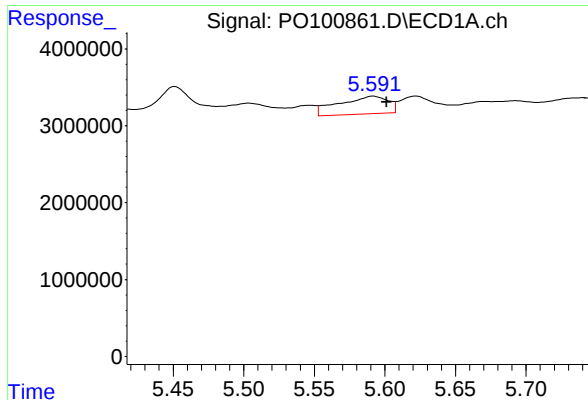
#4 AR-1016-2

R.T.: 5.548 min
Delta R.T.: 0.008 min
Response: 1811093
Conc: 14.19 ng/ml



#4 AR-1016-2

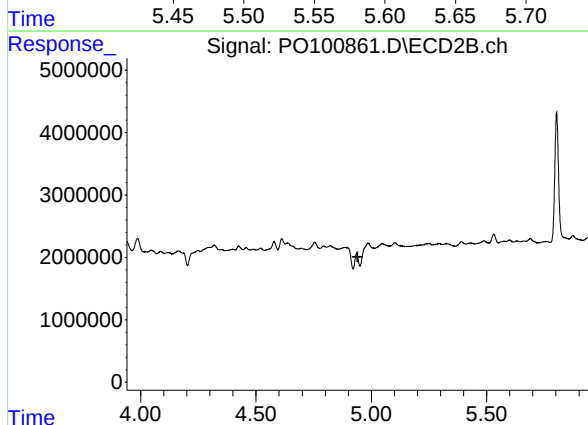
R.T.: 4.754 min
Delta R.T.: -0.008 min
Response: 7038784
Conc: 79.83 ng/ml



#5 AR-1016-3

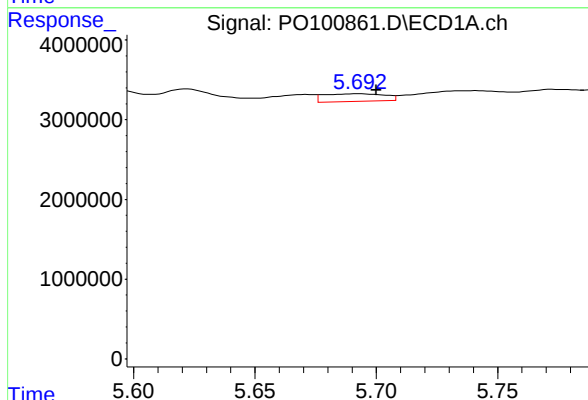
R.T.: 5.592 min
Delta R.T.: -0.010 min
Response: 5668809
Conc: 71.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



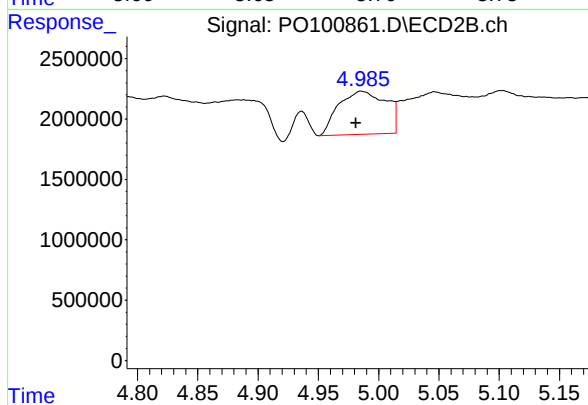
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: -90682
Conc: N.D.



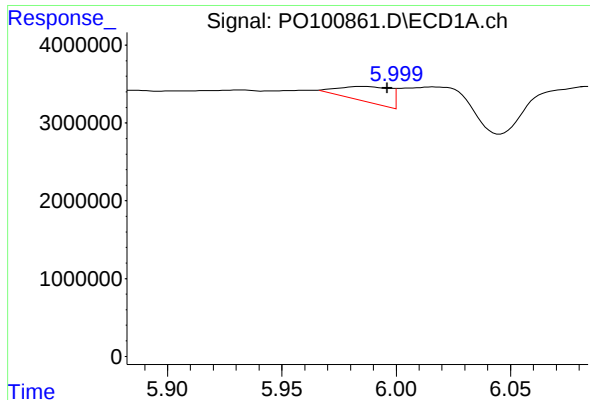
#6 AR-1016-4

R.T.: 5.693 min
Delta R.T.: -0.007 min
Response: 1689980
Conc: 27.73 ng/ml



#6 AR-1016-4

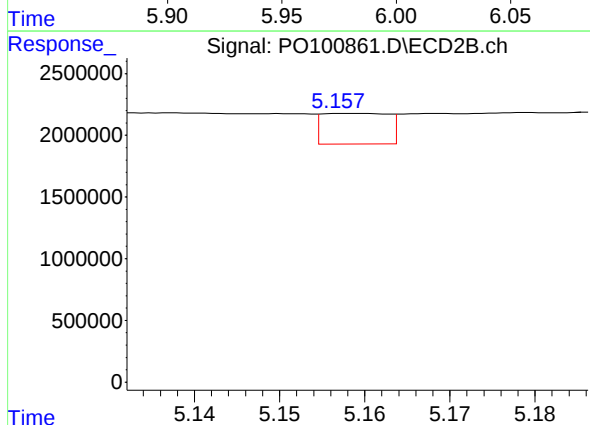
R.T.: 4.986 min
Delta R.T.: 0.004 min
Response: 9780524
Conc: 238.33 ng/ml



#7 AR-1016-5

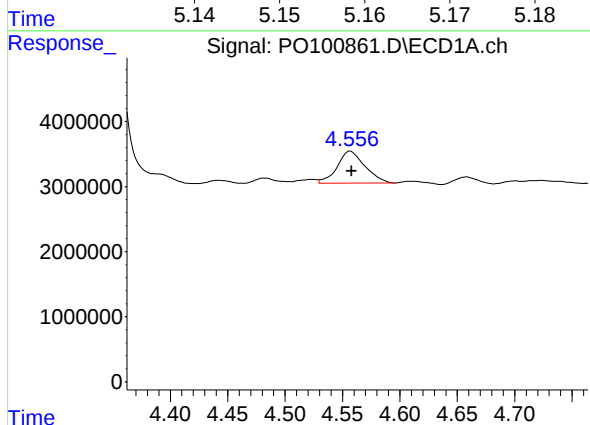
R.T.: 5.985 min
Delta R.T.: -0.011 min
Response: 3062029
Conc: 50.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



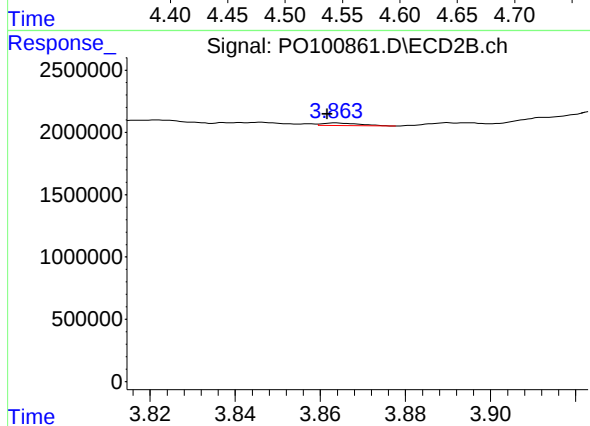
#7 AR-1016-5

R.T.: 5.158 min
Delta R.T.: -0.039 min
Response: 1349065
Conc: 25.97 ng/ml



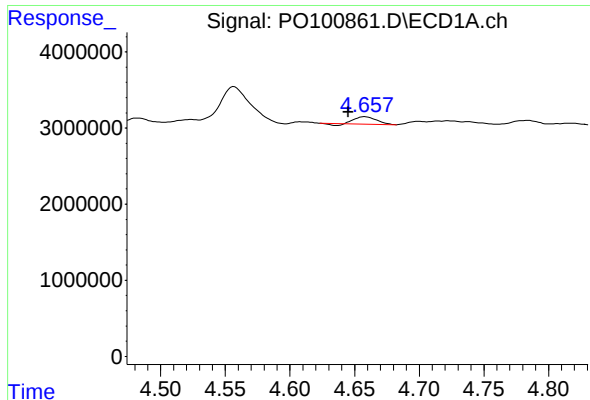
#8 AR-1221-1

R.T.: 4.557 min
Delta R.T.: -0.001 min
Response: 8275233
Conc: 223.85 ng/ml



#8 AR-1221-1

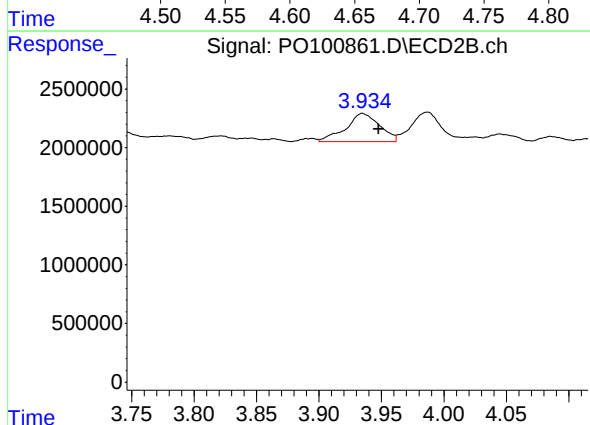
R.T.: 3.864 min
Delta R.T.: 0.002 min
Response: 137080
Conc: 5.46 ng/ml



#9 AR-1221-2

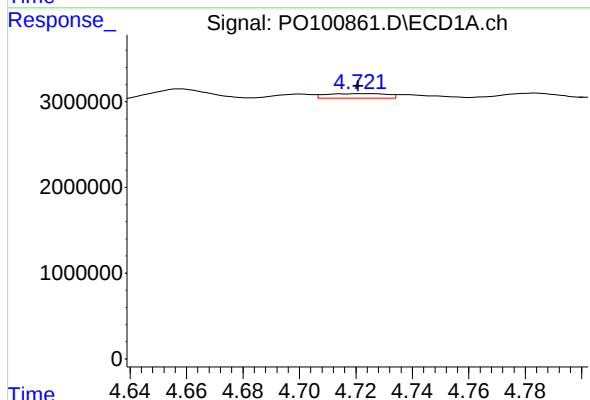
R.T.: 4.658 min
Delta R.T.: 0.013 min
Response: 1062333
Conc: 38.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



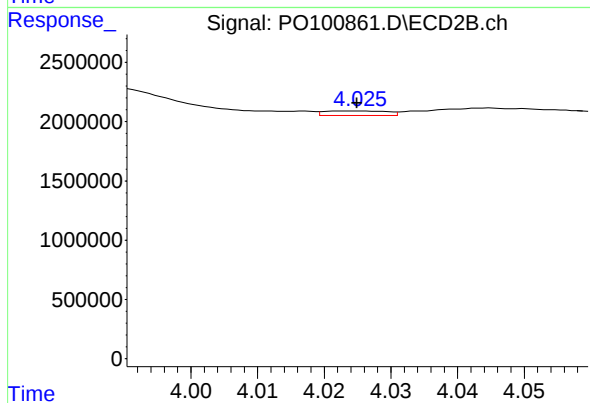
#9 AR-1221-2

R.T.: 3.935 min
Delta R.T.: -0.013 min
Response: 4530380
Conc: 235.93 ng/ml



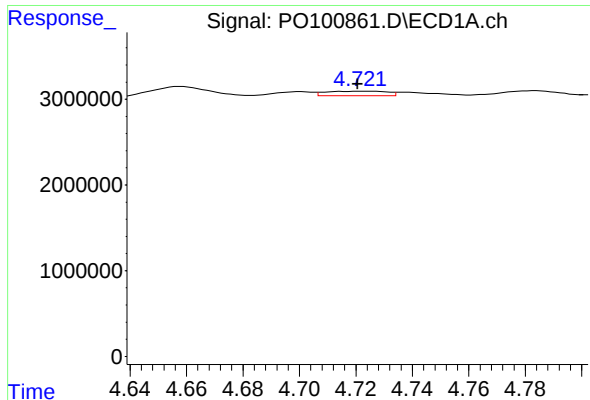
#10 AR-1221-3

R.T.: 4.723 min
Delta R.T.: 0.002 min
Response: 795066
Conc: 9.53 ng/ml



#10 AR-1221-3

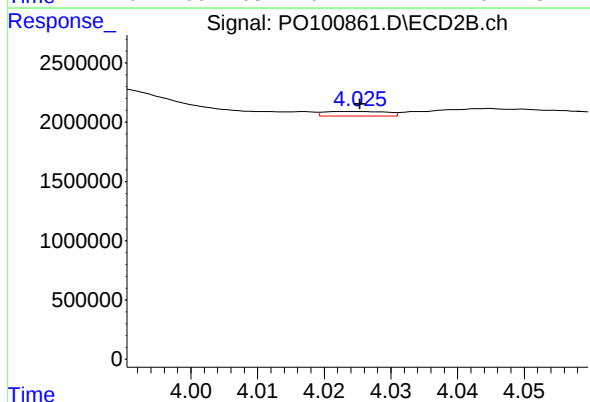
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 247992
Conc: 4.21 ng/ml



#11 AR-1232-1

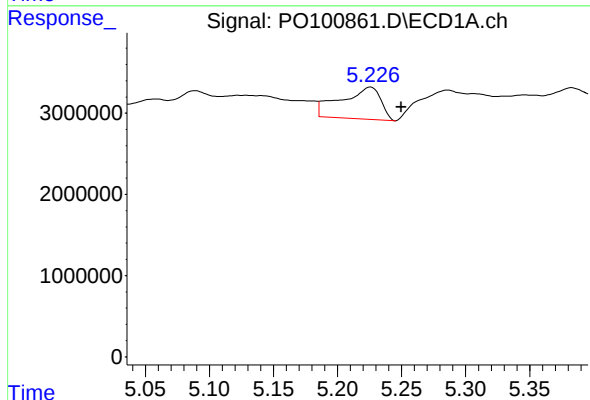
R.T.: 4.723 min
Delta R.T.: 0.002 min
Response: 795066
Conc: 11.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



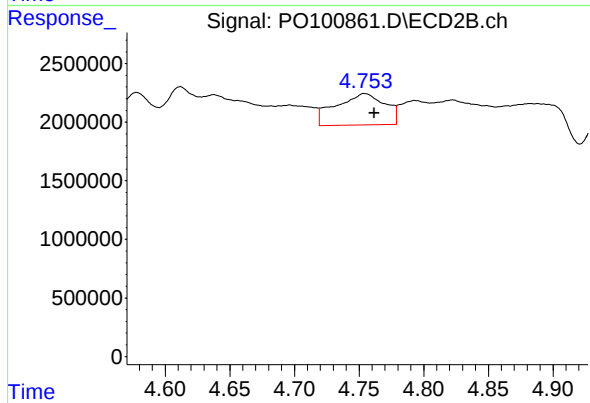
#11 AR-1232-1

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 247992
Conc: 5.24 ng/ml



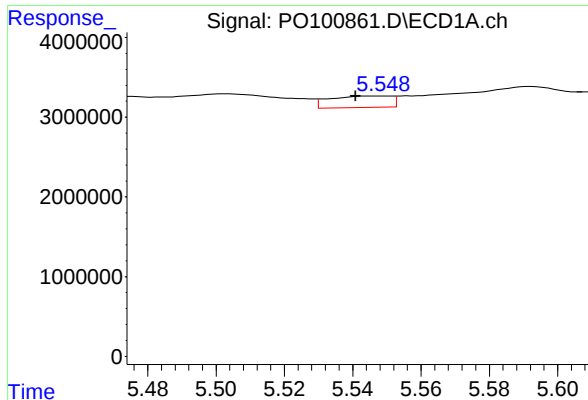
#12 AR-1232-2

R.T.: 5.226 min
Delta R.T.: -0.024 min
Response: 8544085
Conc: 243.71 ng/ml



#12 AR-1232-2

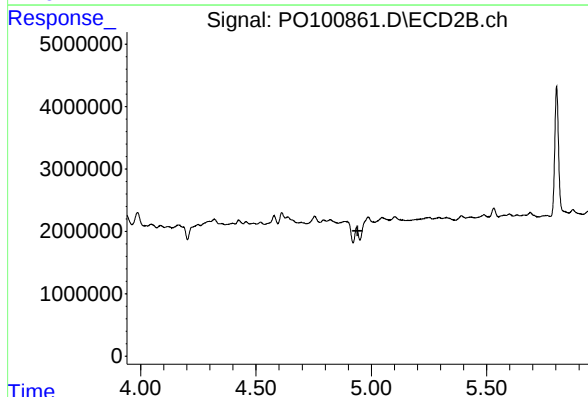
R.T.: 4.754 min
Delta R.T.: -0.008 min
Response: 7038784
Conc: 168.76 ng/ml



#13 AR-1232-3

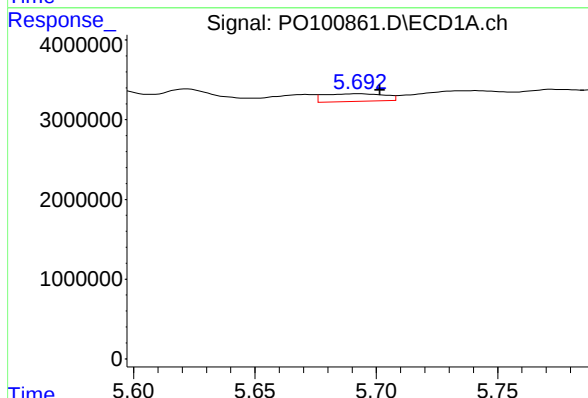
R.T.: 5.548 min
Delta R.T.: 0.007 min
Response: 1811093
Conc: 30.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



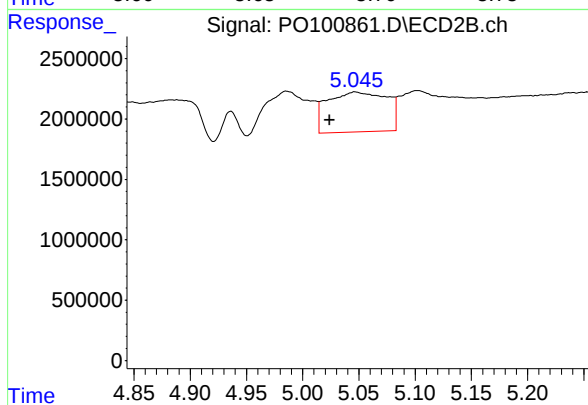
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: -90682
Conc: N.D.



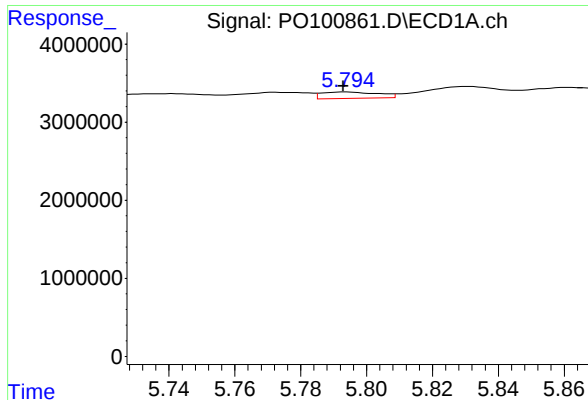
#14 AR-1232-4

R.T.: 5.693 min
Delta R.T.: -0.009 min
Response: 1689980
Conc: 61.63 ng/ml



#14 AR-1232-4

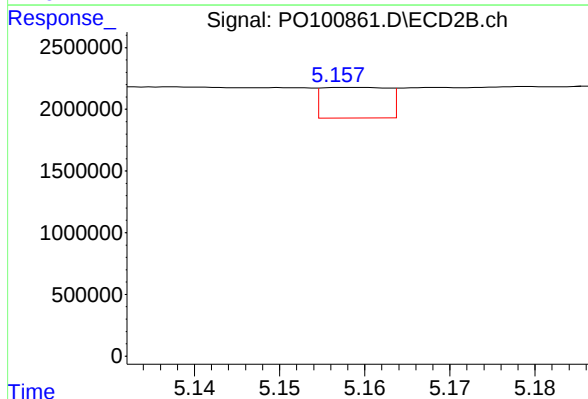
R.T.: 5.047 min
Delta R.T.: 0.023 min
Response: 12114214
Conc: 570.16 ng/ml



#15 AR-1232-5

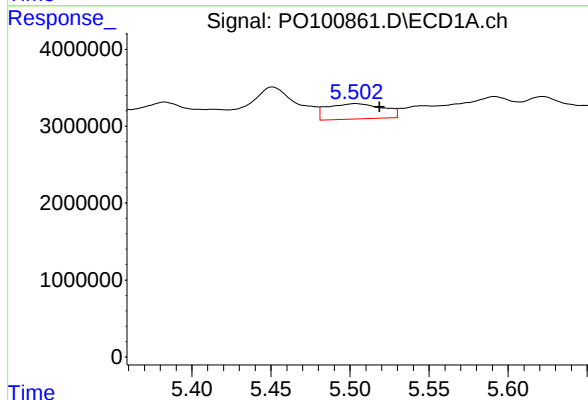
R.T.: 5.794 min
Delta R.T.: 0.001 min
Response: 979647
Conc: 40.75 ng/ml

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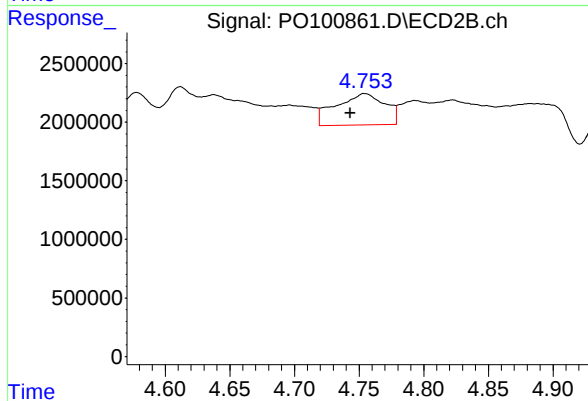
#15 AR-1232-5

R.T.: 5.158 min
Delta R.T.: -0.040 min
Response: 1349065
Conc: 61.73 ng/ml



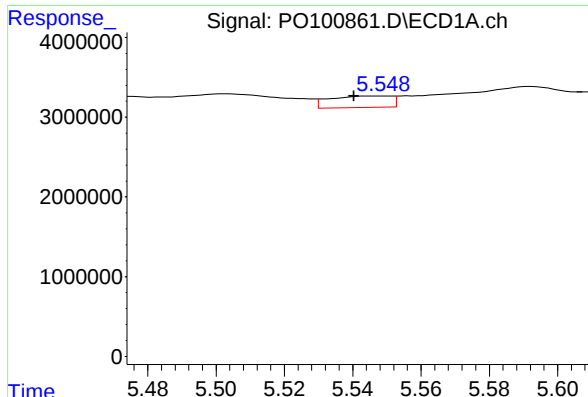
#16 AR-1242-1

R.T.: 5.503 min
Delta R.T.: -0.016 min
Response: 4940975
Conc: 70.05 ng/ml



#16 AR-1242-1

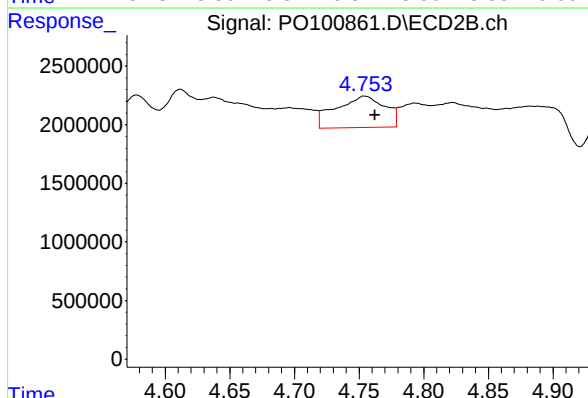
R.T.: 4.754 min
Delta R.T.: 0.011 min
Response: 7038784
Conc: 134.77 ng/ml



#17 AR-1242-2

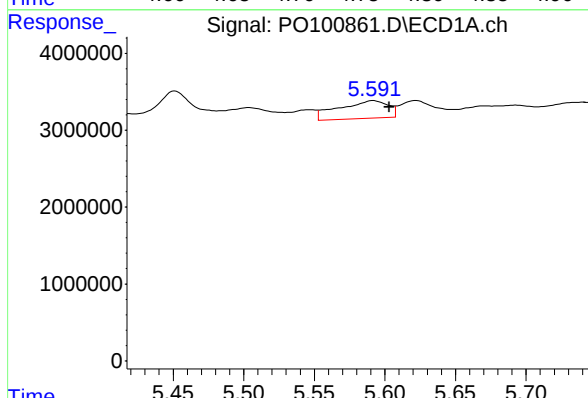
R.T.: 5.548 min
Delta R.T.: 0.007 min
Response: 1811093
Conc: 17.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



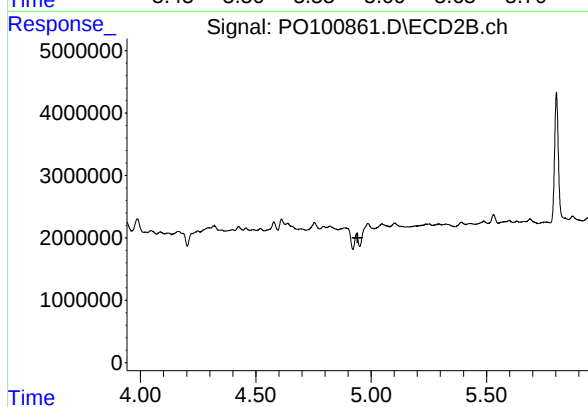
#17 AR-1242-2

R.T.: 4.754 min
Delta R.T.: -0.008 min
Response: 7038784
Conc: 97.12 ng/ml



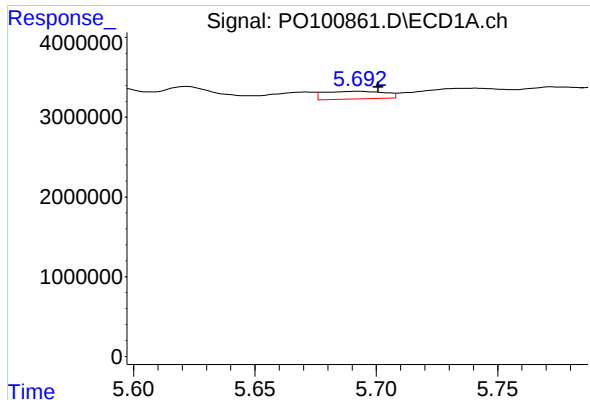
#18 AR-1242-3

R.T.: 5.592 min
Delta R.T.: -0.011 min
Response: 5668809
Conc: 87.21 ng/ml



#18 AR-1242-3

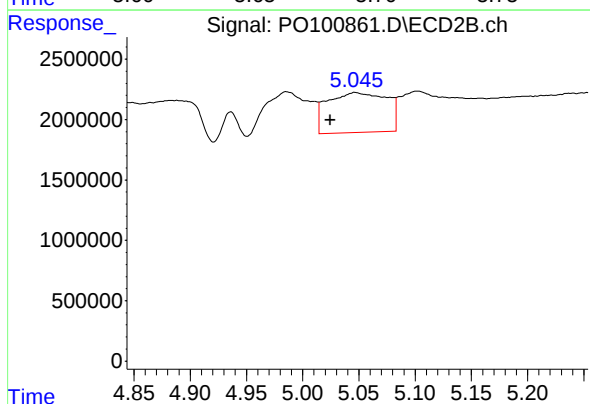
R.T.: 4.936 min
Delta R.T.: -0.005 min
Response: -90682
Conc: N.D.



#19 AR-1242-4

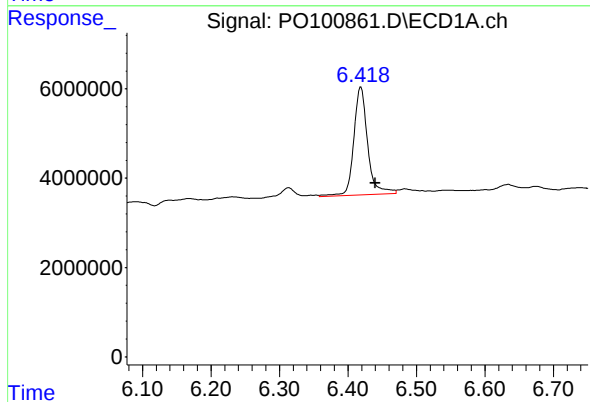
R.T.: 5.693 min
Delta R.T.: -0.008 min
Response: 1689980
Conc: 33.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



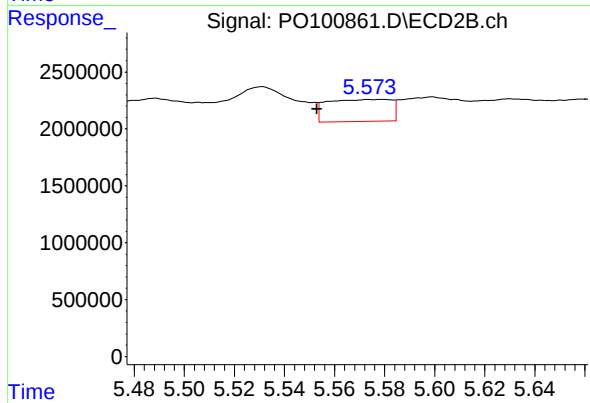
#19 AR-1242-4

R.T.: 5.047 min
Delta R.T.: 0.022 min
Response: 12114214
Conc: 290.64 ng/ml



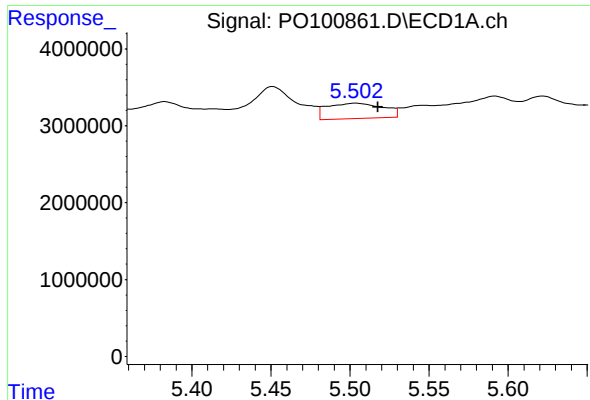
#20 AR-1242-5

R.T.: 6.419 min
Delta R.T.: -0.021 min
Response: 34018800
Conc: 657.28 ng/ml



#20 AR-1242-5

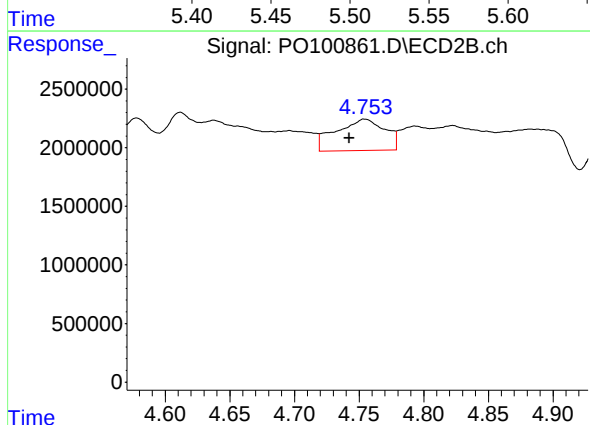
R.T.: 5.574 min
Delta R.T.: 0.021 min
Response: 3418611
Conc: 74.49 ng/ml



#21 AR-1248-1

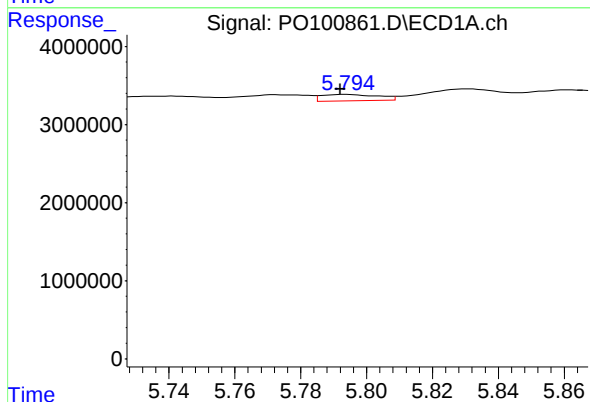
R.T.: 5.503 min
Delta R.T.: -0.015 min
Response: 4940975
Conc: 90.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



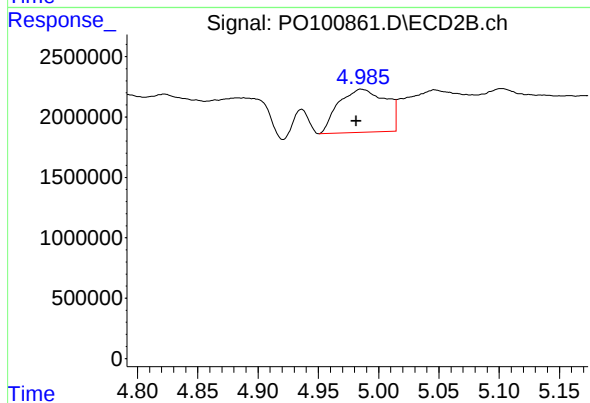
#21 AR-1248-1

R.T.: 4.754 min
Delta R.T.: 0.012 min
Response: 7038784
Conc: 176.02 ng/ml



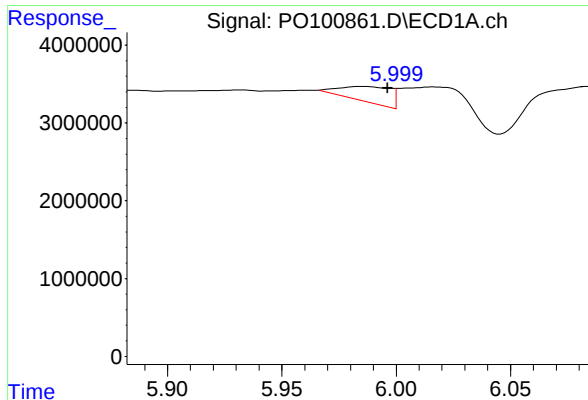
#22 AR-1248-2

R.T.: 5.794 min
Delta R.T.: 0.002 min
Response: 979647
Conc: 11.34 ng/ml



#22 AR-1248-2

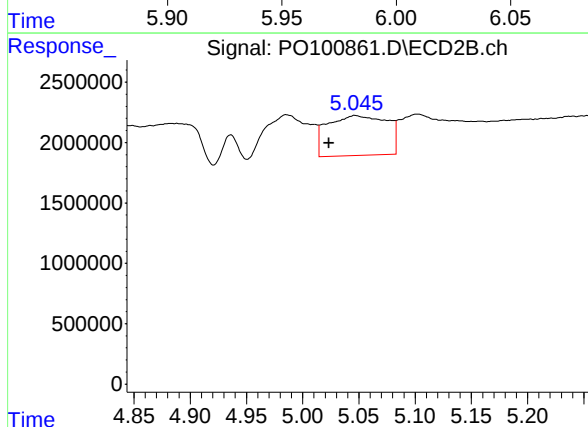
R.T.: 4.986 min
Delta R.T.: 0.004 min
Response: 9780524
Conc: 162.57 ng/ml



#23 AR-1248-3

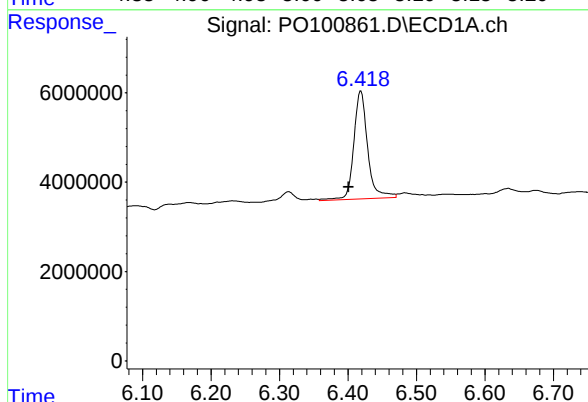
R.T.: 5.985 min
Delta R.T.: -0.011 min
Response: 3062029
Conc: 34.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



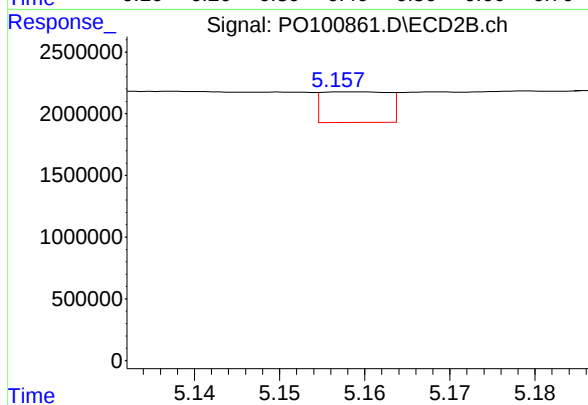
#23 AR-1248-3

R.T.: 5.047 min
Delta R.T.: 0.023 min
Response: 12114214
Conc: 193.80 ng/ml



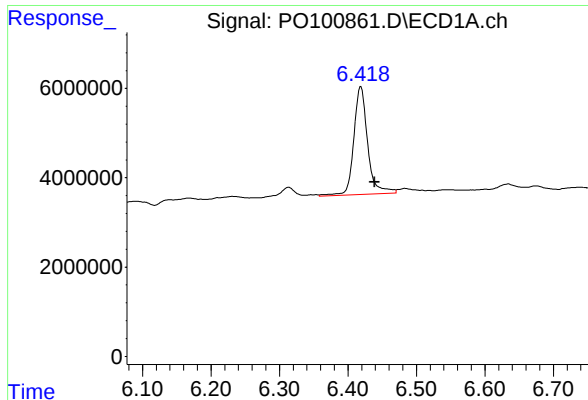
#24 AR-1248-4

R.T.: 6.419 min
Delta R.T.: 0.018 min
Response: 34018800
Conc: 378.38 ng/ml



#24 AR-1248-4

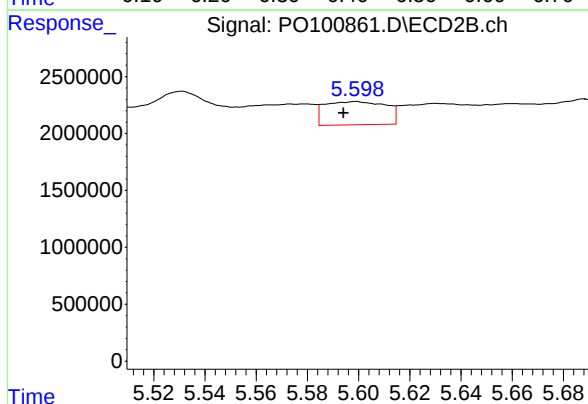
R.T.: 5.158 min
Delta R.T.: -0.039 min
Response: 1349065
Conc: 18.73 ng/ml



#25 AR-1248-5

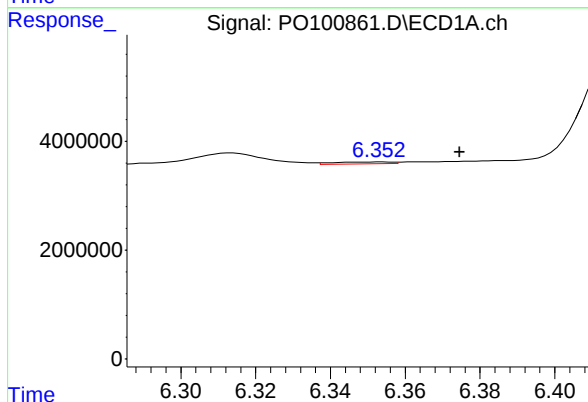
R.T.: 6.419 min
Delta R.T.: -0.020 min
Response: 34018800
Conc: 379.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



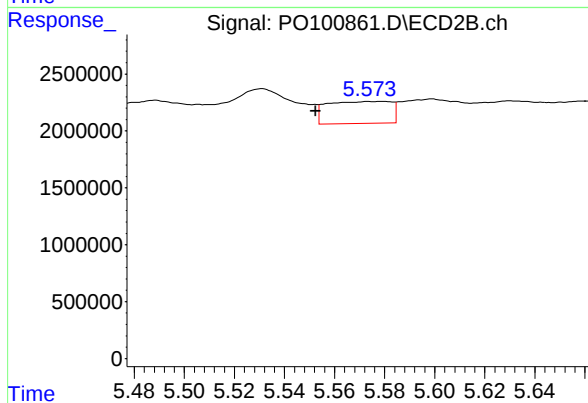
#25 AR-1248-5

R.T.: 5.599 min
Delta R.T.: 0.005 min
Response: 3380610
Conc: 54.80 ng/ml



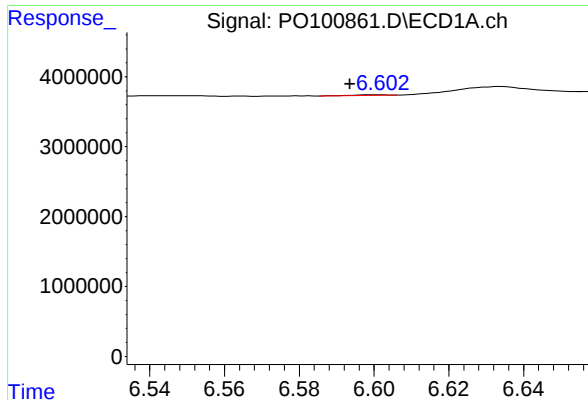
#26 AR-1254-1

R.T.: 6.353 min
Delta R.T.: -0.021 min
Response: 383834
Conc: 3.65 ng/ml



#26 AR-1254-1

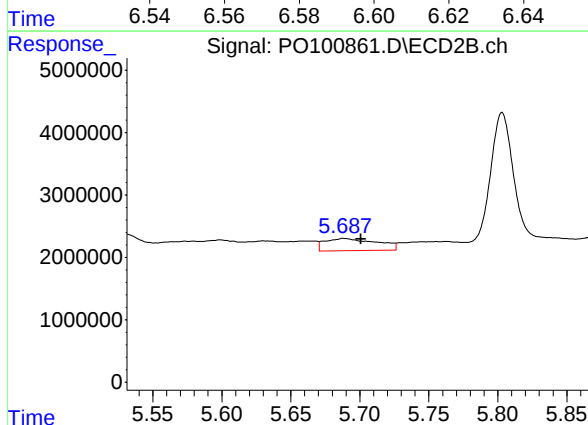
R.T.: 5.574 min
Delta R.T.: 0.021 min
Response: 3418611
Conc: 33.31 ng/ml



#27 AR-1254-2

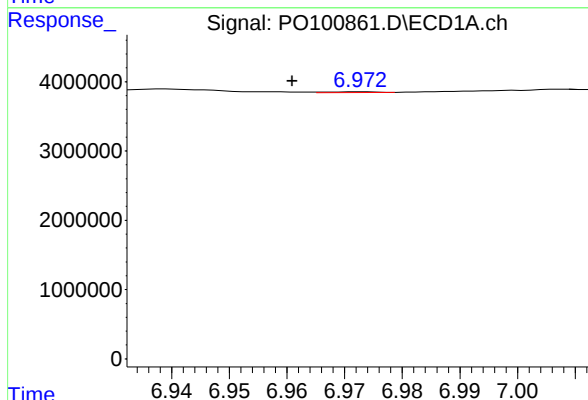
R.T.: 6.601 min
Delta R.T.: 0.007 min
Response: 50507
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



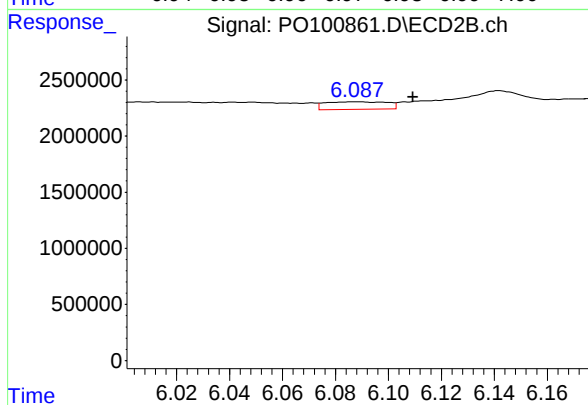
#27 AR-1254-2

R.T.: 5.688 min
Delta R.T.: -0.013 min
Response: 5153856
Conc: 56.10 ng/ml



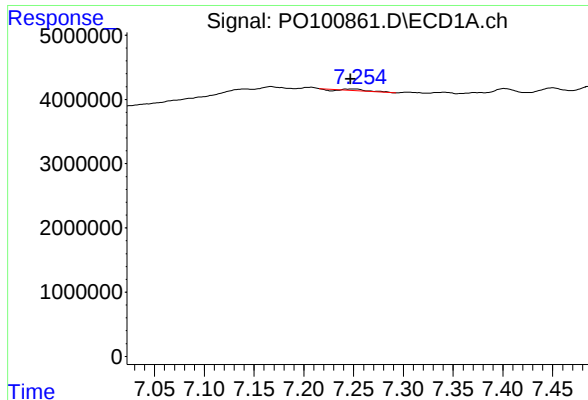
#28 AR-1254-3

R.T.: 6.973 min
Delta R.T.: 0.012 min
Response: 57000
Conc: 0.41 ng/ml



#28 AR-1254-3

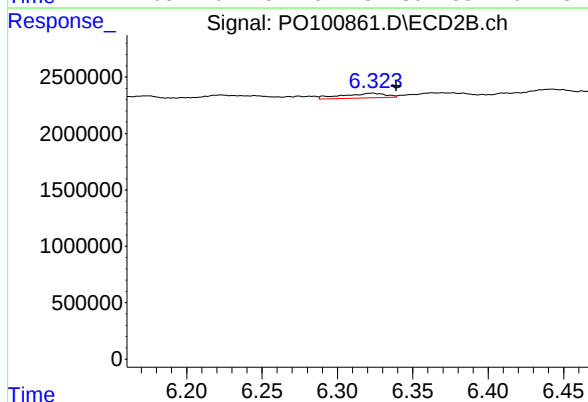
R.T.: 6.088 min
Delta R.T.: -0.022 min
Response: 1084304
Conc: 8.02 ng/ml



#29 AR-1254-4

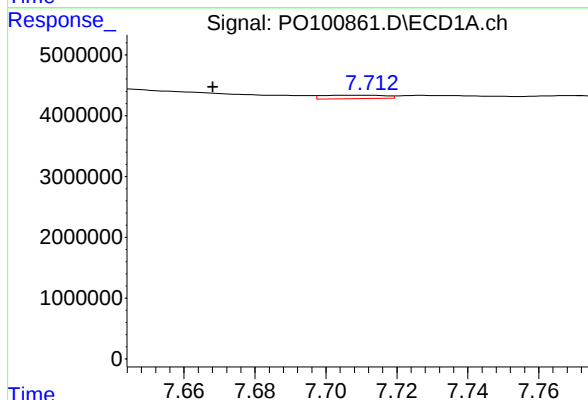
R.T.: 7.253 min
Delta R.T.: 0.006 min
Response: 284397
Conc: 3.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



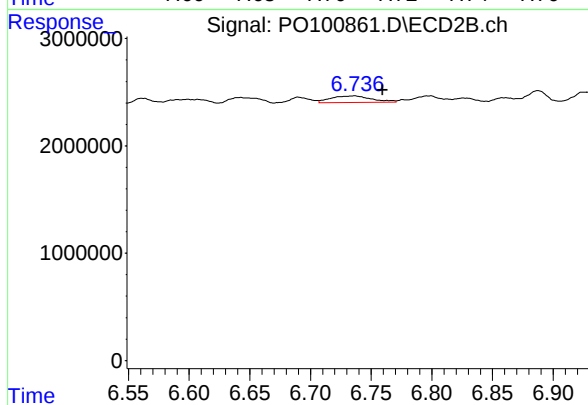
#29 AR-1254-4

R.T.: 6.323 min
Delta R.T.: -0.016 min
Response: 815607
Conc: 11.31 ng/ml



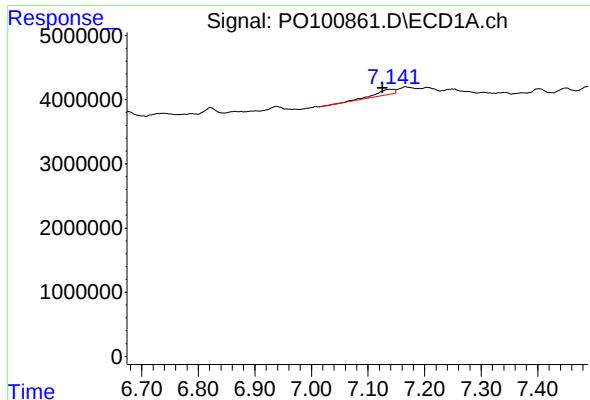
#30 AR-1254-5

R.T.: 7.712 min
Delta R.T.: 0.044 min
Response: 676291
Conc: 5.72 ng/ml



#30 AR-1254-5

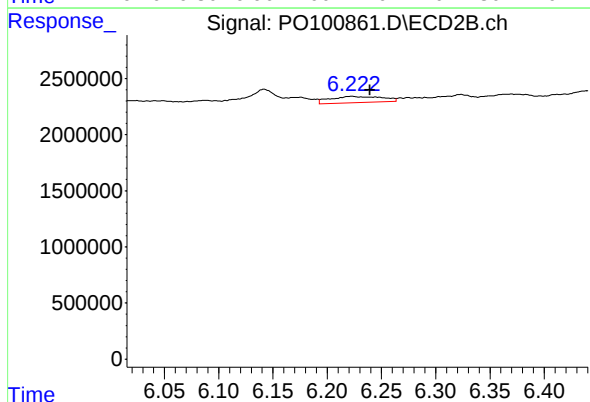
R.T.: 6.736 min
Delta R.T.: -0.023 min
Response: 1410028
Conc: 12.24 ng/ml



#31 AR-1260-1

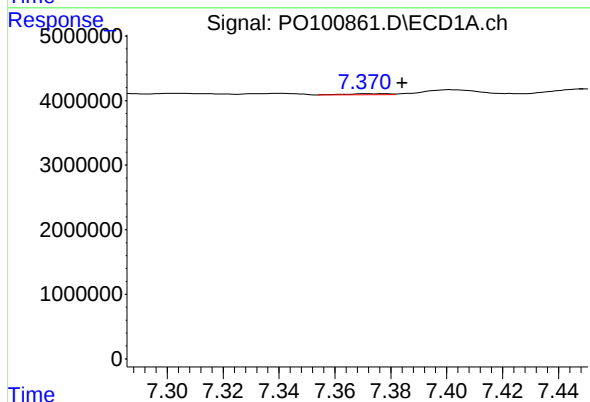
R.T.: 7.141 min
Delta R.T.: 0.015 min
Response: 1745463
Conc: 12.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



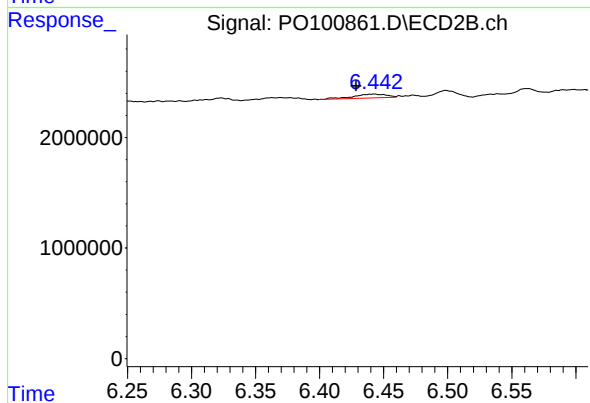
#31 AR-1260-1

R.T.: 6.223 min
Delta R.T.: -0.016 min
Response: 1842828
Conc: 19.35 ng/ml



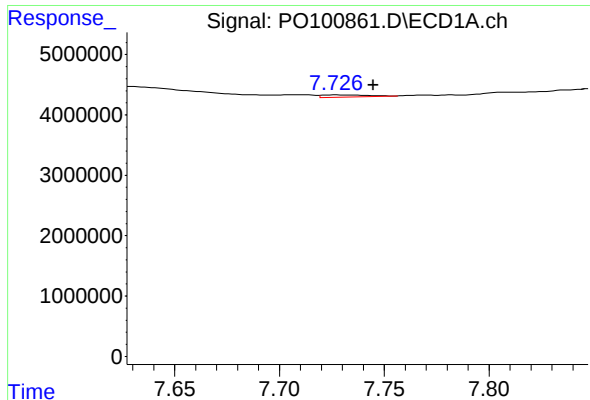
#32 AR-1260-2

R.T.: 7.371 min
Delta R.T.: -0.013 min
Response: 163362
Conc: 1.30 ng/ml



#32 AR-1260-2

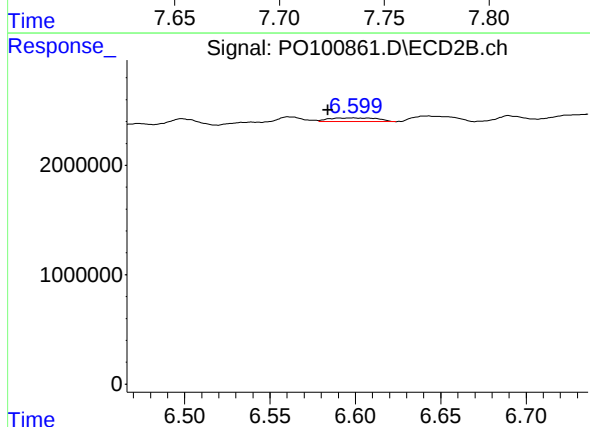
R.T.: 6.442 min
Delta R.T.: 0.014 min
Response: 629691
Conc: 5.86 ng/ml



#33 AR-1260-3

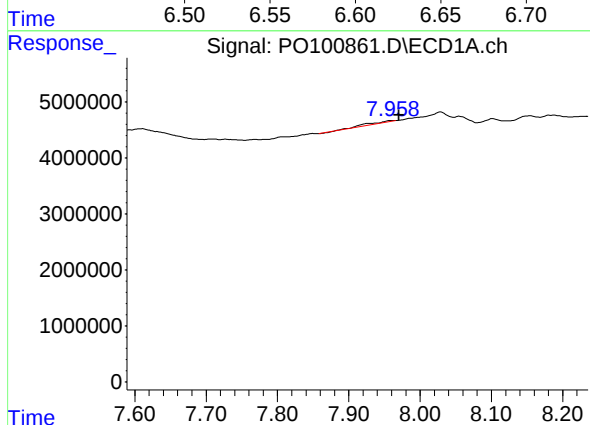
R.T.: 7.727 min
Delta R.T.: -0.018 min
Response: 560631
Conc: 5.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



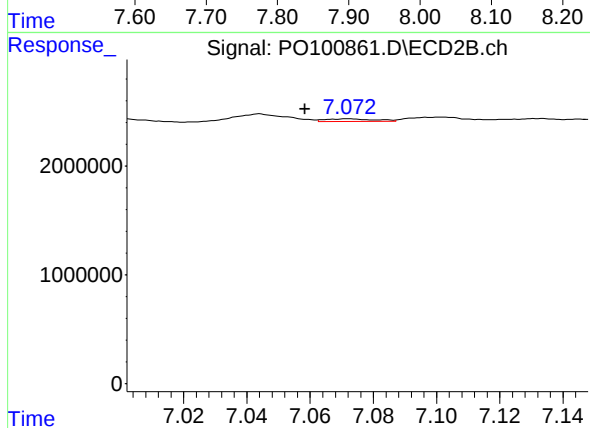
#33 AR-1260-3

R.T.: 6.599 min
Delta R.T.: 0.015 min
Response: 665412
Conc: 6.49 ng/ml



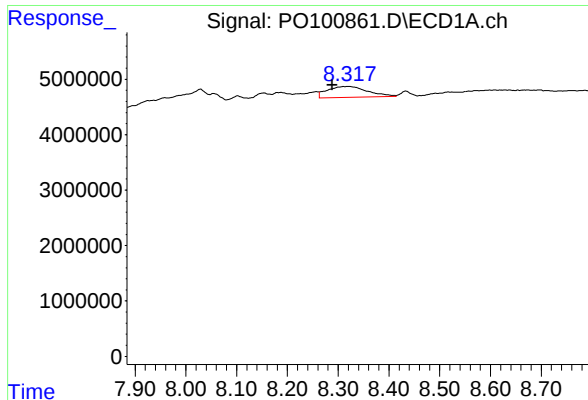
#34 AR-1260-4

R.T.: 7.959 min
Delta R.T.: -0.012 min
Response: 770791
Conc: 7.30 ng/ml



#34 AR-1260-4

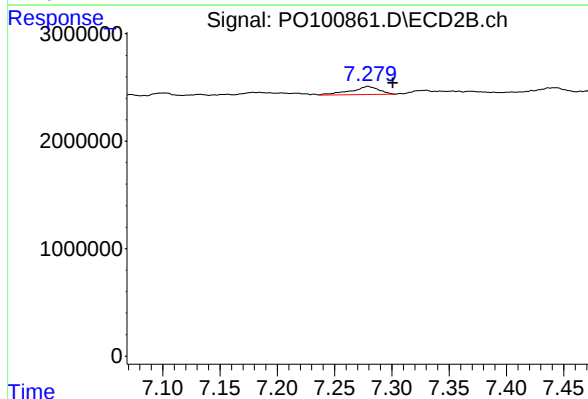
R.T.: 7.072 min
Delta R.T.: 0.014 min
Response: 276040
Conc: 3.39 ng/ml



#35 AR-1260-5

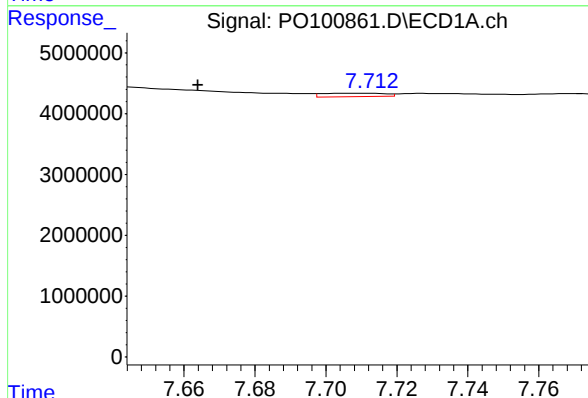
R.T.: 8.318 min
Delta R.T.: 0.030 min
Response: 10861718
Conc: 51.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



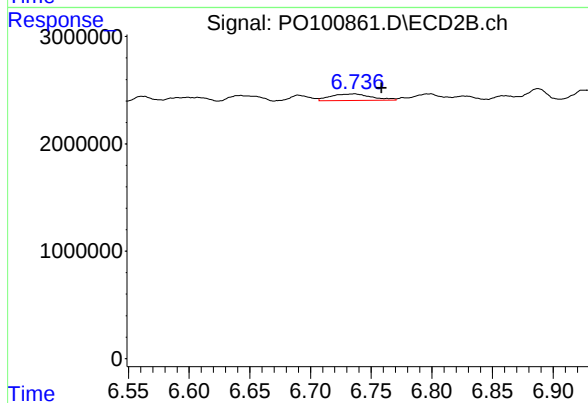
#35 AR-1260-5

R.T.: 7.279 min
Delta R.T.: -0.022 min
Response: 1311082
Conc: 7.26 ng/ml



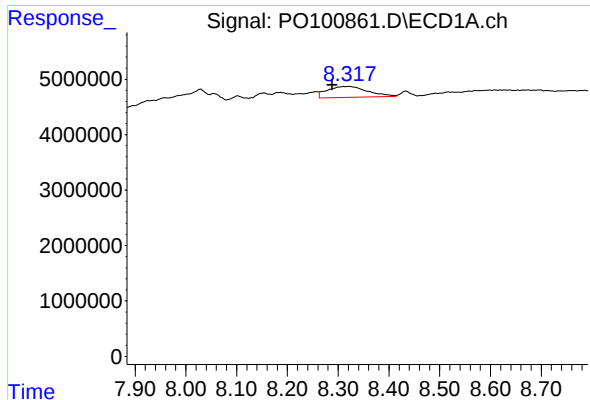
#36 AR-1262-1

R.T.: 7.712 min
Delta R.T.: 0.048 min
Response: 676291
Conc: 6.77 ng/ml



#36 AR-1262-1

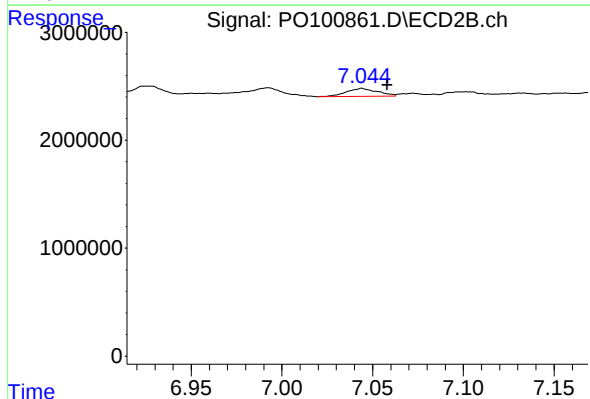
R.T.: 6.736 min
Delta R.T.: -0.022 min
Response: 1410028
Conc: 22.60 ng/ml



#37 AR-1262-2

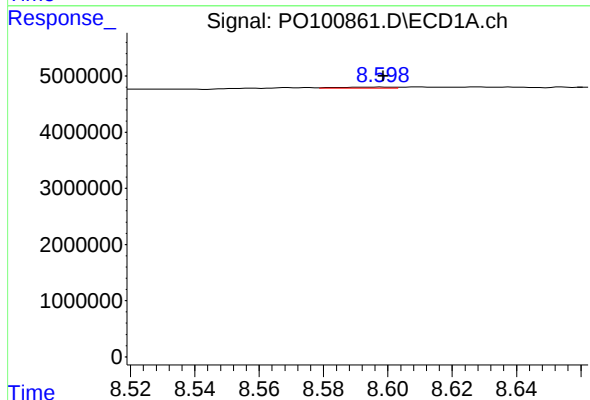
R.T.: 8.318 min
Delta R.T.: 0.030 min
Response: 10861718
Conc: 45.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



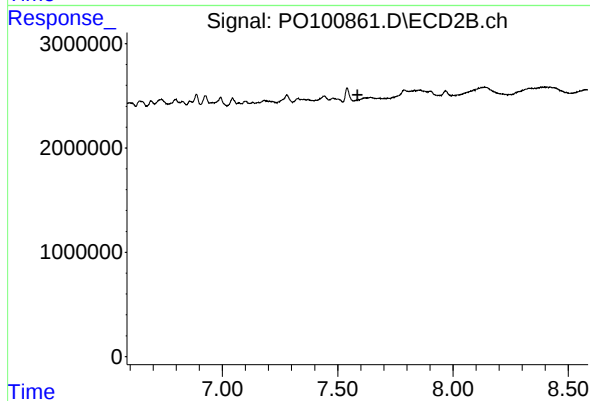
#37 AR-1262-2

R.T.: 7.044 min
Delta R.T.: -0.014 min
Response: 901008
Conc: 7.97 ng/ml



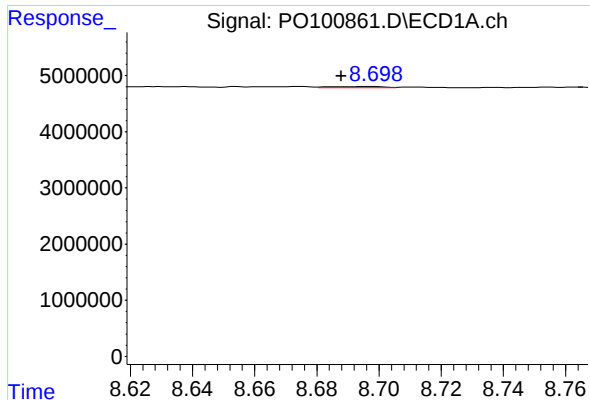
#38 AR-1262-3

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 233435
Conc: 1.44 ng/ml



#38 AR-1262-3

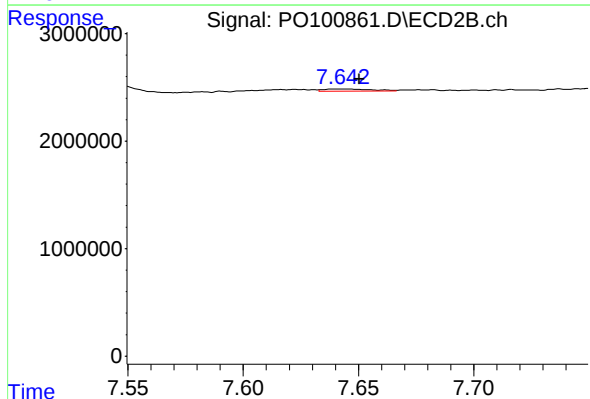
R.T.: 7.591 min
Delta R.T.: 0.004 min
Response: -143807
Conc: N.D.



#39 AR-1262-4

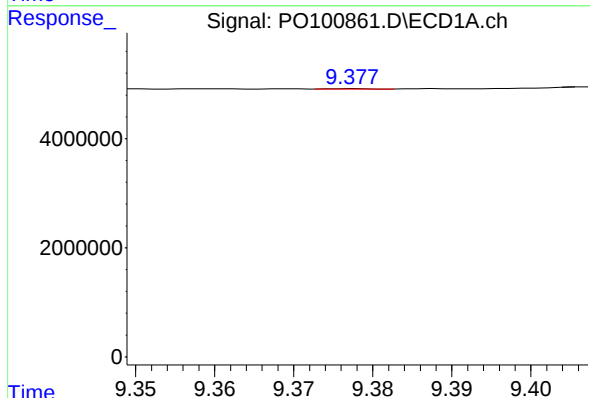
R.T.: 8.698 min
Delta R.T.: 0.010 min
Response: 268234
Conc: 2.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



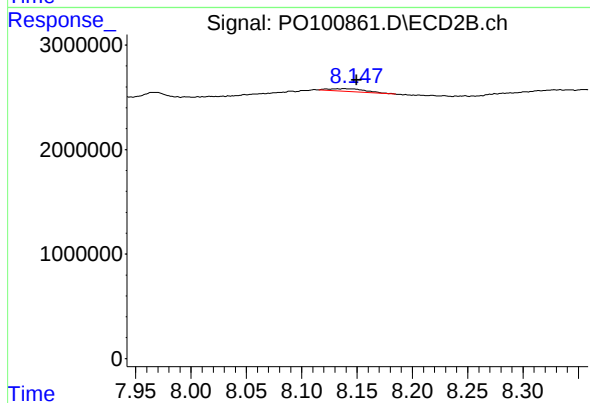
#39 AR-1262-4

R.T.: 7.642 min
Delta R.T.: -0.008 min
Response: 295101
Conc: 2.00 ng/ml



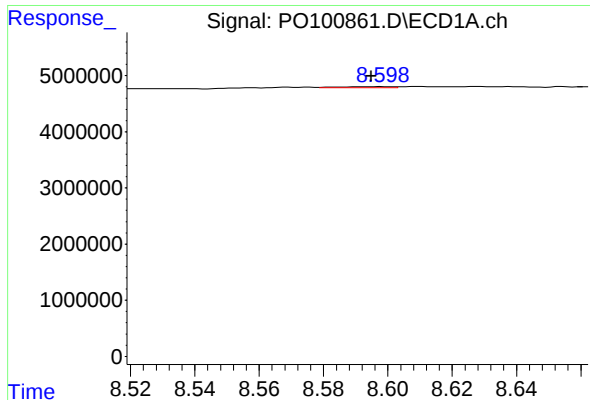
#40 AR-1262-5

R.T.: 9.378 min
Delta R.T.: 0.038 min
Response: 30521
Conc: 0.38 ng/ml



#40 AR-1262-5

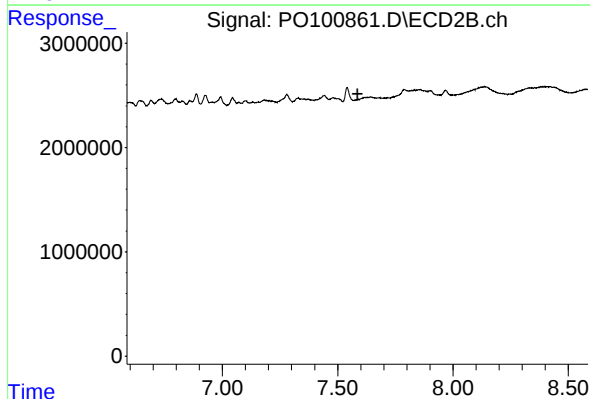
R.T.: 8.139 min
Delta R.T.: -0.011 min
Response: 606066
Conc: 9.48 ng/ml



#41 AR-1268-1

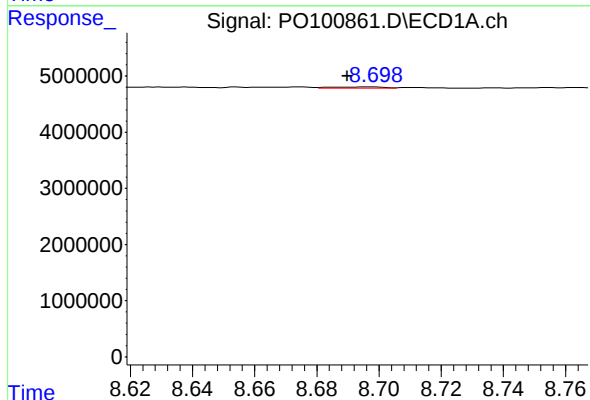
R.T.: 8.599 min
Delta R.T.: 0.004 min
Response: 233435
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



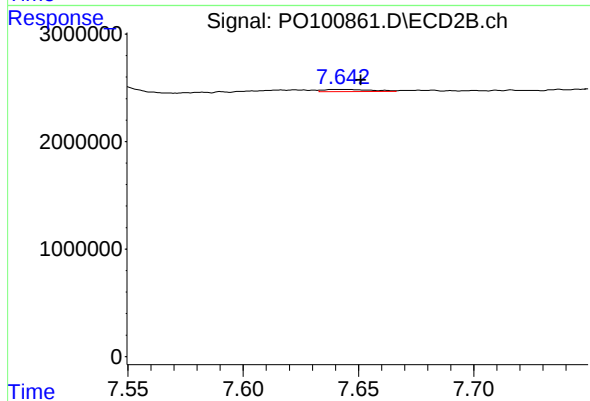
#41 AR-1268-1

R.T.: 7.591 min
Delta R.T.: 0.005 min
Response: -143807
Conc: N.D.



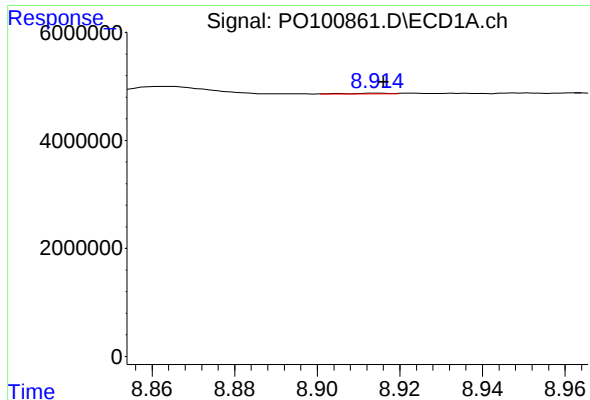
#42 AR-1268-2

R.T.: 8.698 min
Delta R.T.: 0.008 min
Response: 268234
Conc: 1.06 ng/ml



#42 AR-1268-2

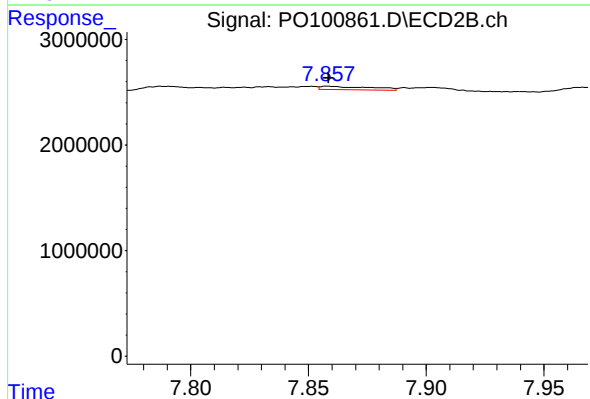
R.T.: 7.642 min
Delta R.T.: -0.009 min
Response: 295101
Conc: 1.46 ng/ml



#43 AR-1268-3

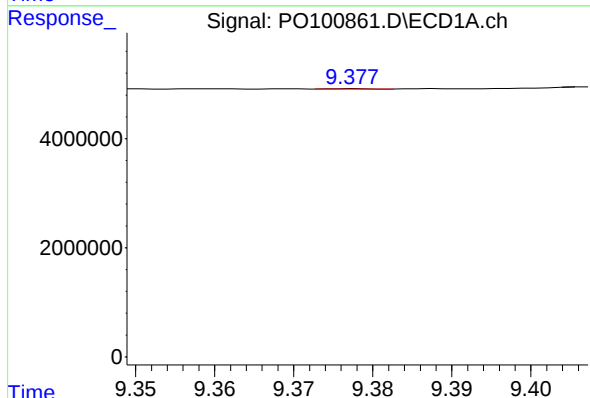
R.T.: 8.915 min
Delta R.T.: -0.001 min
Response: 79267
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



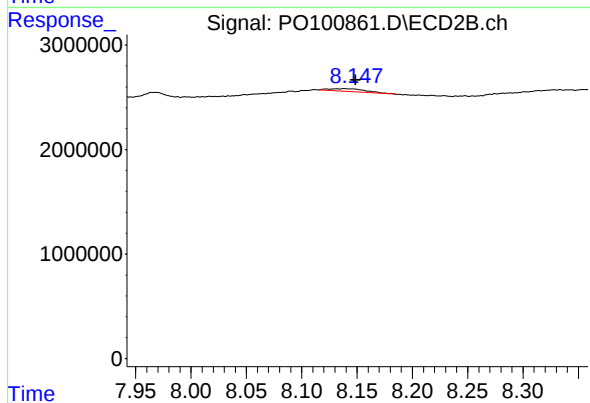
#43 AR-1268-3

R.T.: 7.859 min
Delta R.T.: 0.000 min
Response: 479532
Conc: 2.54 ng/ml



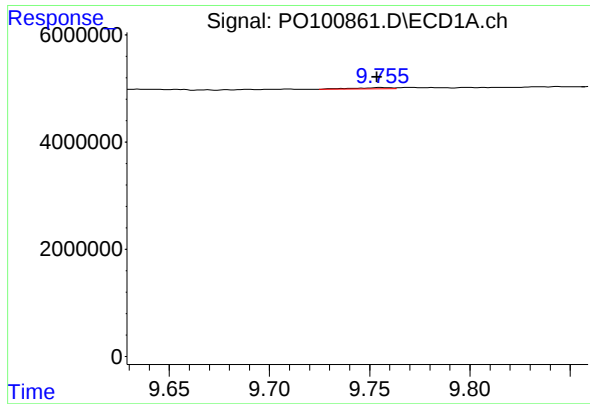
#44 AR-1268-4

R.T.: 9.378 min
Delta R.T.: 0.037 min
Response: 30521
Conc: 0.39 ng/ml



#44 AR-1268-4

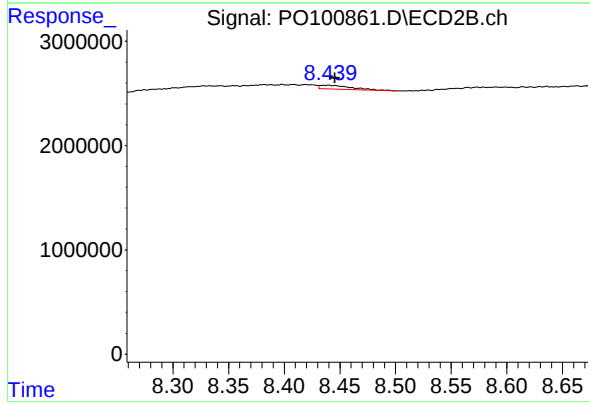
R.T.: 8.139 min
Delta R.T.: -0.010 min
Response: 606066
Conc: 9.03 ng/ml



#45 AR-1268-5

R.T.: 9.756 min
Delta R.T.: 0.002 min
Response: 335897
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
50230



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: -0.007 min
Response: 684946
Conc: 1.32 ng/ml