

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112723\
 Data File : P0100095.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2023 18:22
 Operator : YP/AJ
 Sample : 05545-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 23:49:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.479	3.704	43550092	37630339	25.515	25.089
2) SA Decachlor...	10.363	8.801	19040017	27196009	26.213	24.304
Target Compounds						
3) L1 AR-1016-1	5.668	4.811	3225635	2129782	74.969	67.449
4) L1 AR-1016-2	5.693	4.829	5635316	2029438	87.042	46.936 #
5) L1 AR-1016-3	5.753	5.009	3756818	1234966	86.193	53.252 #
6) L1 AR-1016-4	5.853	5.050	3417225	3178851	103.523	155.057 #
7) L1 AR-1016-5	6.152	5.268	7380536	5051529	235.061	198.082
8) L2 AR-1221-1	4.688	3.927	686570	516190	33.304	27.154
9) L2 AR-1221-2	4.793	4.009	1038463	1027775	68.753	78.869
10) L2 AR-1221-3	4.858	4.081	491924	752858	10.962	20.959 #
11) L3 AR-1232-1	4.858	4.081	491924	752858	13.787	25.655 #
12) L3 AR-1232-2	5.398	4.829	791037	2029438	45.450	102.336 #
13) L3 AR-1232-3	5.693	5.009	5635316	1234966	198.867	119.167 #
14) L3 AR-1232-4	5.853	5.094	3417225	3530093	245.990	355.145 #
15) L3 AR-1232-5	5.946	5.268	4948343	5051529	403.215	467.727
16) L4 AR-1242-1	5.668	4.811	3225635	2129782	93.111	81.039
17) L4 AR-1242-2	5.693	4.829	5635316	2029438	107.389	57.716 #
18) L4 AR-1242-3	5.753	5.009	3756818	1234966	107.942	64.489 #
19) L4 AR-1242-4	5.853	5.094	3417225	3530093	129.980	175.260 #
20) L4 AR-1242-5	6.602	5.623	3523467	3457608	157.587	147.977
21) L5 AR-1248-1	5.668	4.811	3225635	2129782	124.770	106.533
22) L5 AR-1248-2	5.946	5.050	4948343	3178851	120.996	113.608
23) L5 AR-1248-3	6.152	5.094	7380536	3530093	172.309	122.242 #
24) L5 AR-1248-4	6.562	5.268	3222725	5051529	85.503	154.059 #
25) L5 AR-1248-5	6.602	5.666	3523467	2053539	95.402	68.745 #
26) L6 AR-1254-1	6.534	5.623	2365565	3457608	49.126	66.701 #
27) L6 AR-1254-2	6.760	5.780	2476280	1443209	36.108	30.992
28) L6 AR-1254-3	7.129	6.187	1392714	1892366	21.861	24.264
29) L6 AR-1254-4	7.416	6.412	832577	1088420	22.024	25.504
30) L6 AR-1254-5	7.842	6.836	489082	880225	11.427	12.164
31) L7 AR-1260-1	7.294	6.334	325601	930429	6.115	16.102 #
32) L7 AR-1260-2	7.554	6.504	306606	587103	5.796	8.840 #
33) L7 AR-1260-3	7.914	6.657	85831	253270	2.406	3.958 #
34) L7 AR-1260-4	8.130	7.144	409697	215417	9.899	4.272 #
35) L7 AR-1260-5	8.462	7.382	71108	365592	1.064	3.261 #
36) L8 AR-1262-1	7.842	6.836	489082	880225	13.521	23.030 #
37) L8 AR-1262-2	8.462	7.144	71108	215417	0.837	2.856 #
38) L8 AR-1262-3	8.800	7.652	106939	836903	1.775	14.369 #
39) L8 AR-1262-4	8.892	7.726	29021	116005	0.602	1.129 #
40) L8 AR-1262-5	9.563	8.207	41523	61748	1.590	1.417
41) L9 AR-1268-1	8.800	7.652	106939	836903	0.969	5.039 #

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Integration File signal 1: autoint1.e
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 QLast Update : Tue Nov 21 15:58:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

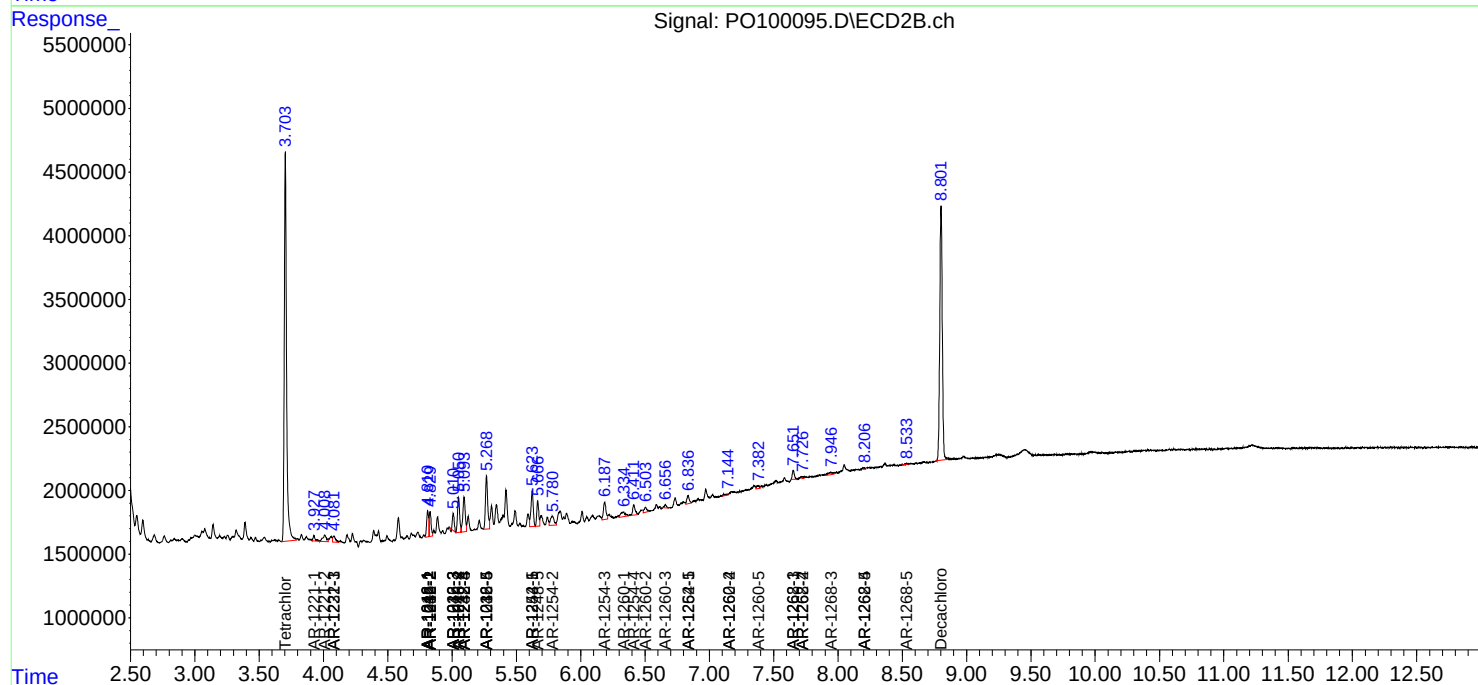
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

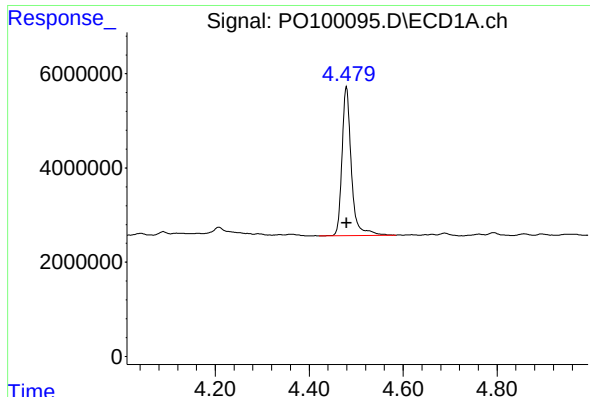
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.892	7.726	29021	116005	0.301	0.760 #
43) L9	AR-1268-3	9.124	7.948	41338	487282	0.458	3.400 #
44) L9	AR-1268-4	9.563	8.207	41523	61748	1.460	1.314
45) L9	AR-1268-5	10.014	8.534	211732	55416	0.842	0.139 #

(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

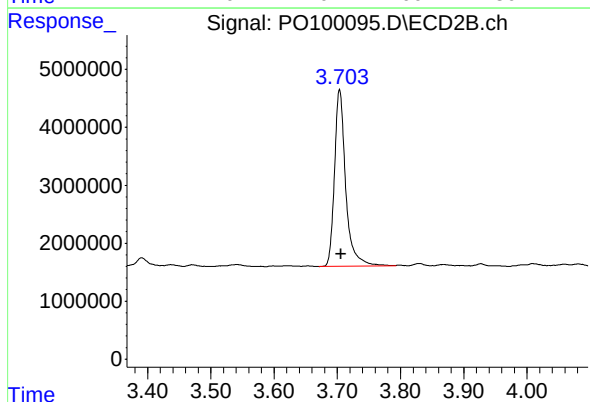




#1 Tetrachloro-m-xylene

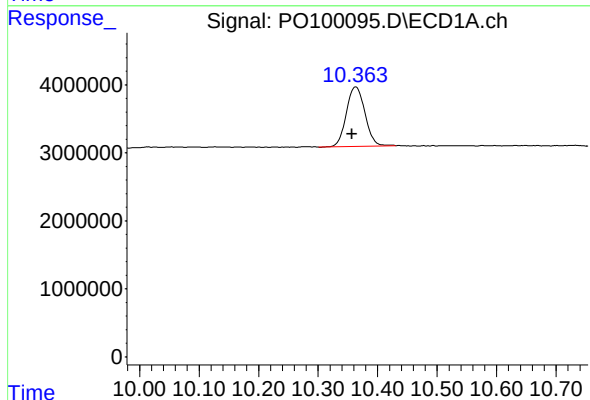
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 43550092
Conc: 25.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



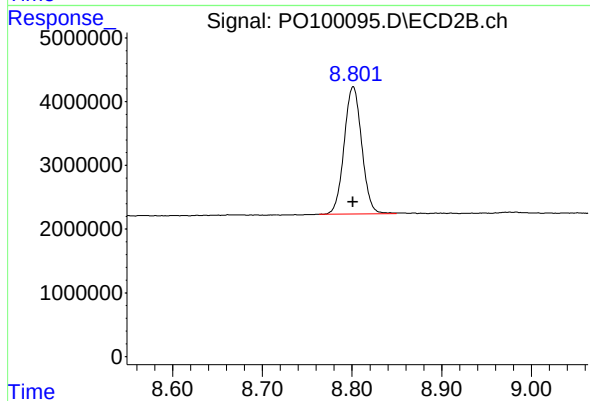
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 37630339
Conc: 25.09 ng/ml



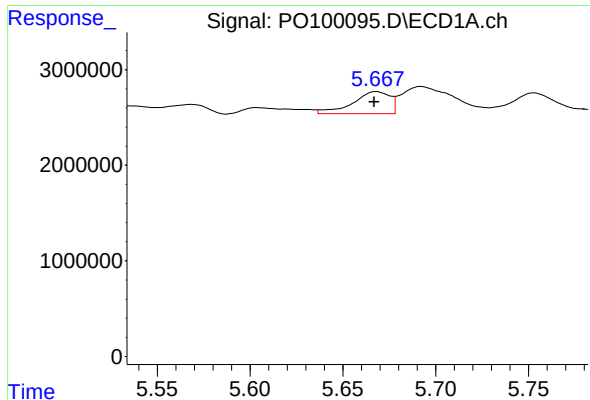
#2 Decachlorobiphenyl

R.T.: 10.363 min
Delta R.T.: 0.006 min
Response: 19040017
Conc: 26.21 ng/ml



#2 Decachlorobiphenyl

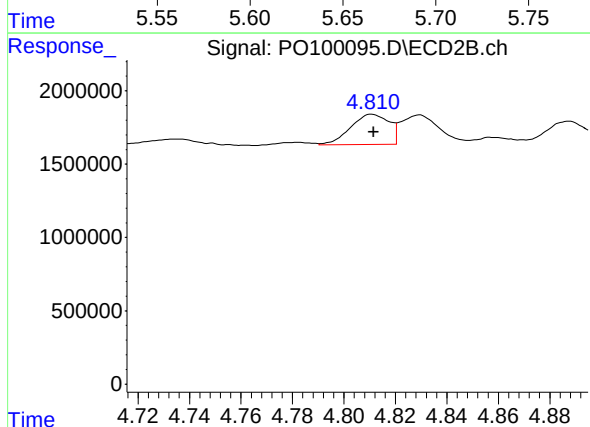
R.T.: 8.801 min
Delta R.T.: 0.000 min
Response: 27196009
Conc: 24.30 ng/ml



#3 AR-1016-1

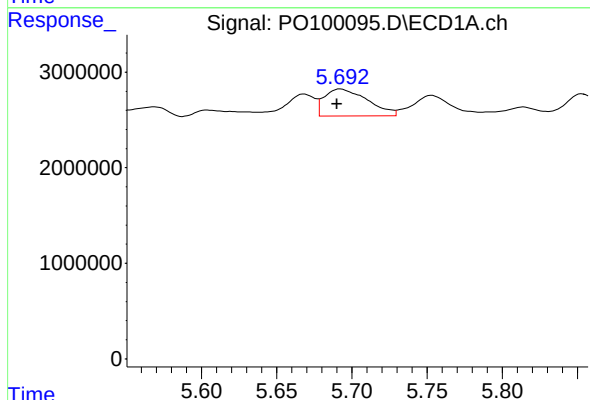
R.T.: 5.668 min
Delta R.T.: 0.001 min
Response: 3225635
Conc: 74.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



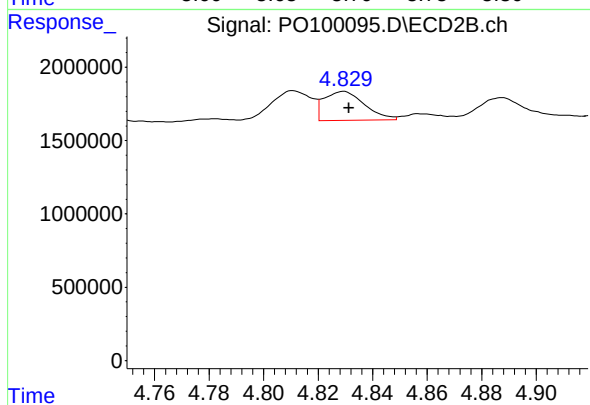
#3 AR-1016-1

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 2129782
Conc: 67.45 ng/ml



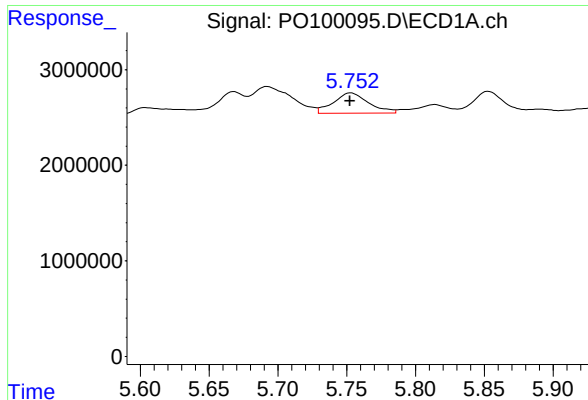
#4 AR-1016-2

R.T.: 5.693 min
Delta R.T.: 0.002 min
Response: 5635316
Conc: 87.04 ng/ml



#4 AR-1016-2

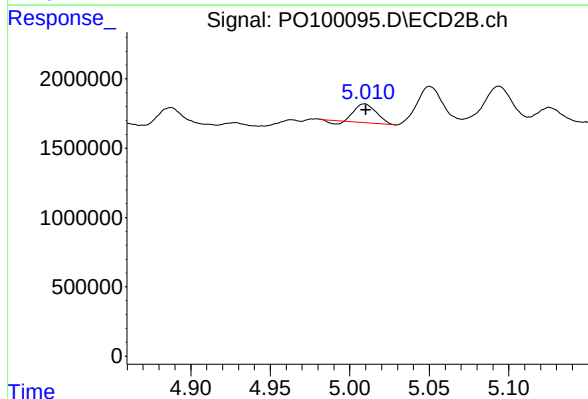
R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 2029438
Conc: 46.94 ng/ml



#5 AR-1016-3

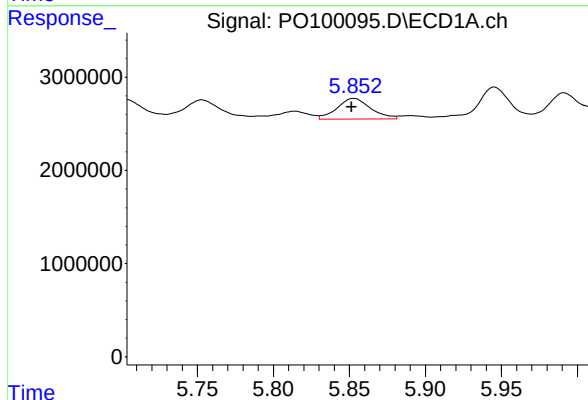
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 3756818
Conc: 86.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



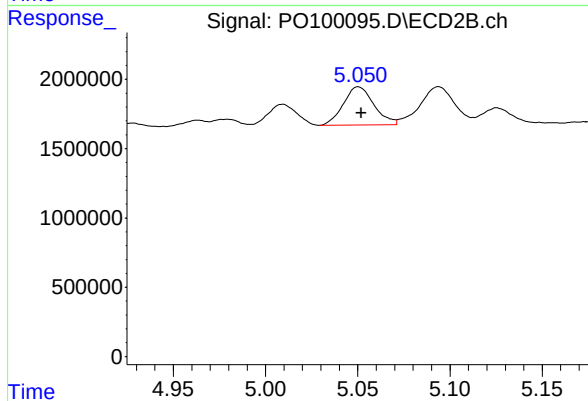
#5 AR-1016-3

R.T.: 5.009 min
Delta R.T.: -0.001 min
Response: 1234966
Conc: 53.25 ng/ml



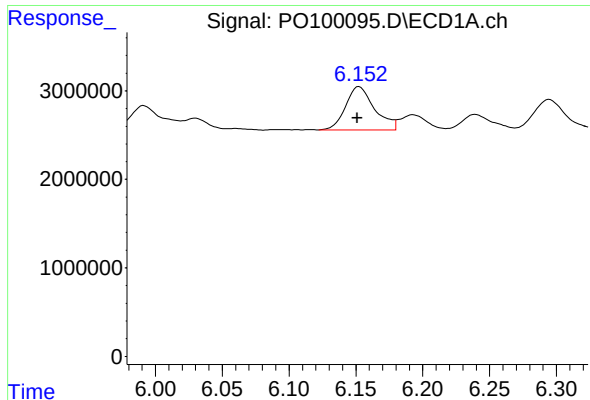
#6 AR-1016-4

R.T.: 5.853 min
Delta R.T.: 0.001 min
Response: 3417225
Conc: 103.52 ng/ml



#6 AR-1016-4

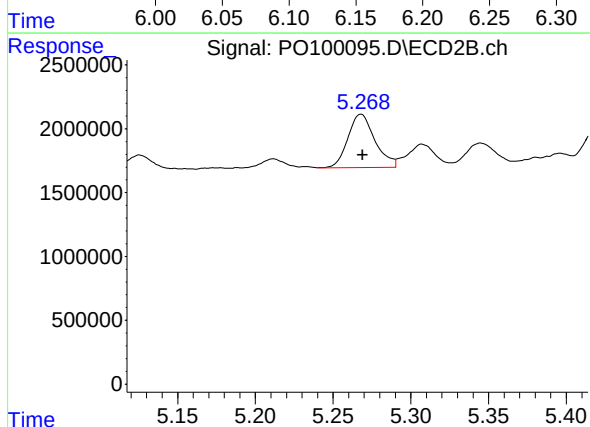
R.T.: 5.050 min
Delta R.T.: -0.001 min
Response: 3178851
Conc: 155.06 ng/ml



#7 AR-1016-5

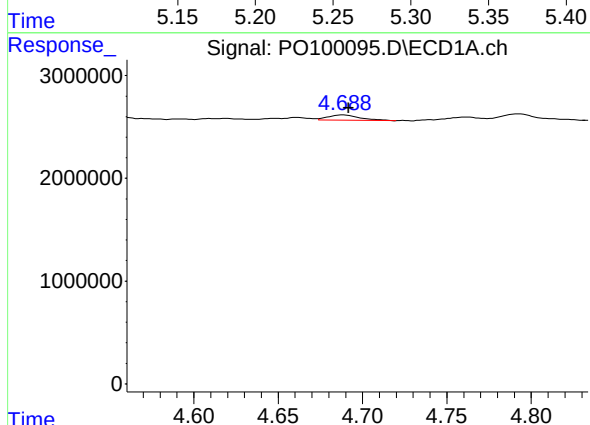
R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 7380536
Conc: 235.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



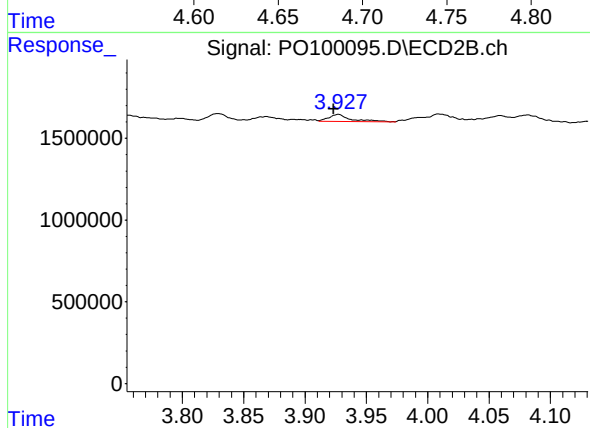
#7 AR-1016-5

R.T.: 5.268 min
Delta R.T.: -0.001 min
Response: 5051529
Conc: 198.08 ng/ml



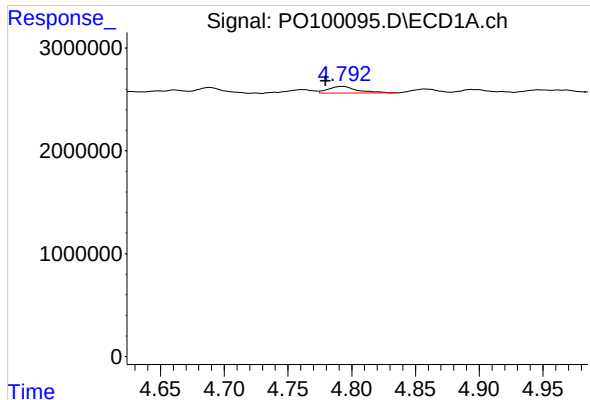
#8 AR-1221-1

R.T.: 4.688 min
Delta R.T.: -0.003 min
Response: 686570
Conc: 33.30 ng/ml



#8 AR-1221-1

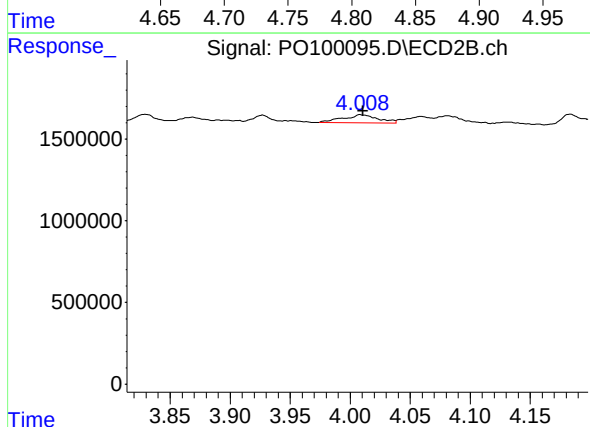
R.T.: 3.927 min
Delta R.T.: 0.004 min
Response: 516190
Conc: 27.15 ng/ml



#9 AR-1221-2

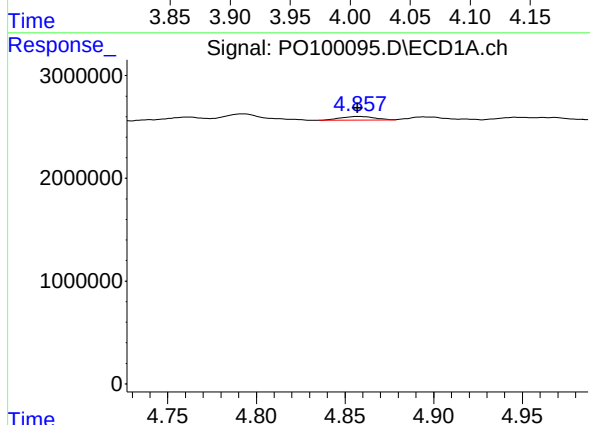
R.T.: 4.793 min
Delta R.T.: 0.013 min
Response: 1038463
Conc: 68.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



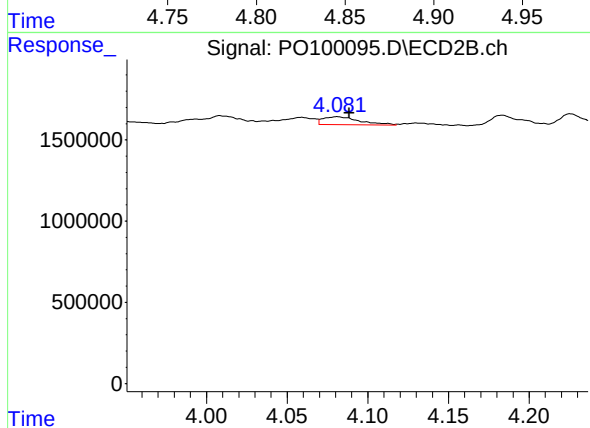
#9 AR-1221-2

R.T.: 4.009 min
Delta R.T.: -0.002 min
Response: 1027775
Conc: 78.87 ng/ml



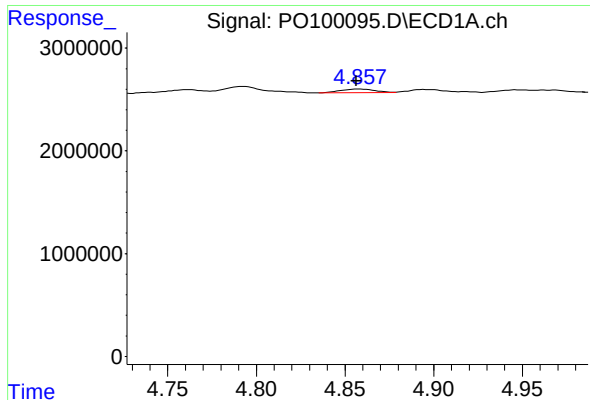
#10 AR-1221-3

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 491924
Conc: 10.96 ng/ml



#10 AR-1221-3

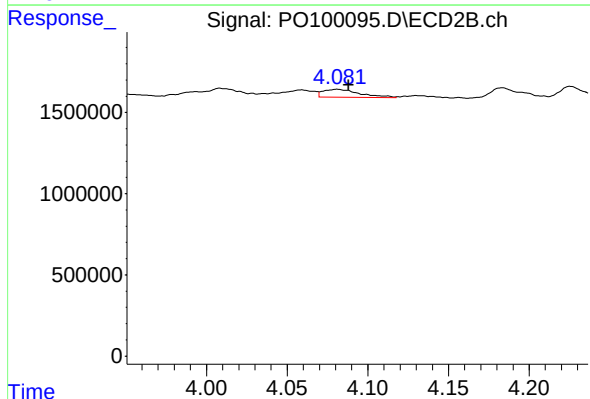
R.T.: 4.081 min
Delta R.T.: -0.007 min
Response: 752858
Conc: 20.96 ng/ml



#11 AR-1232-1

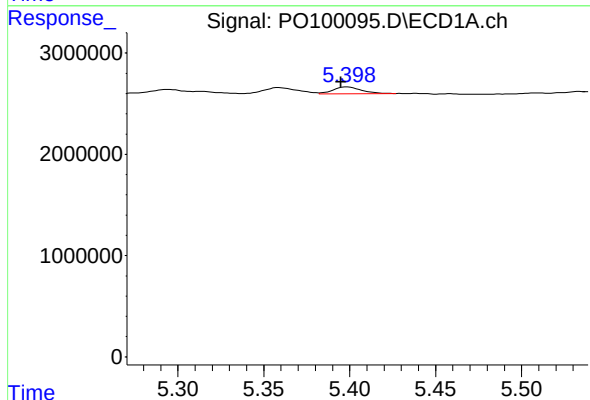
R.T.: 4.858 min
Delta R.T.: 0.001 min
Response: 491924
Conc: 13.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



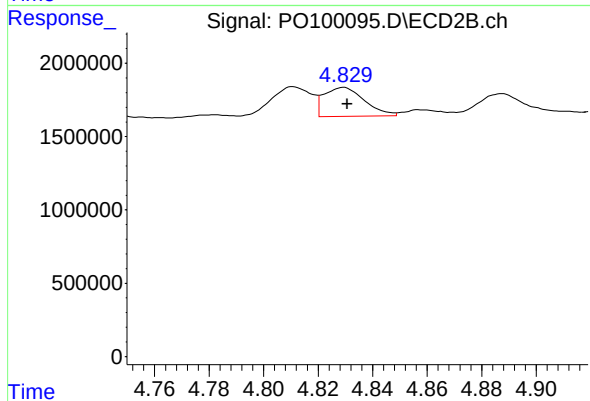
#11 AR-1232-1

R.T.: 4.081 min
Delta R.T.: -0.007 min
Response: 752858
Conc: 25.65 ng/ml



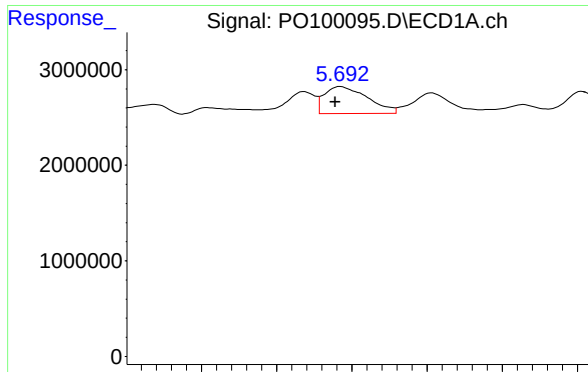
#12 AR-1232-2

R.T.: 5.398 min
Delta R.T.: 0.004 min
Response: 791037
Conc: 45.45 ng/ml



#12 AR-1232-2

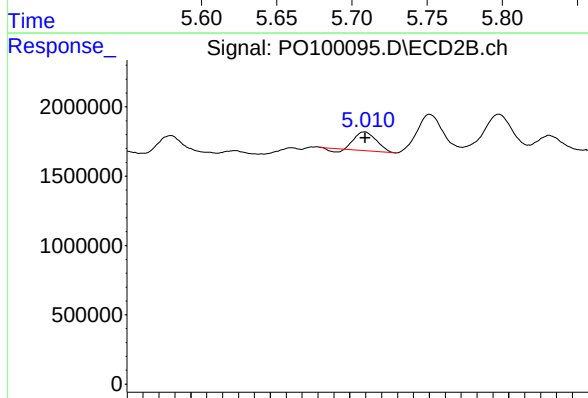
R.T.: 4.829 min
Delta R.T.: -0.001 min
Response: 2029438
Conc: 102.34 ng/ml



#13 AR-1232-3

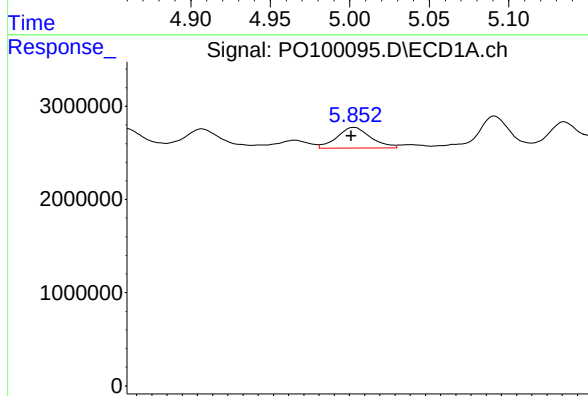
R.T.: 5.693 min
Delta R.T.: 0.003 min
Response: 5635316
Conc: 198.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



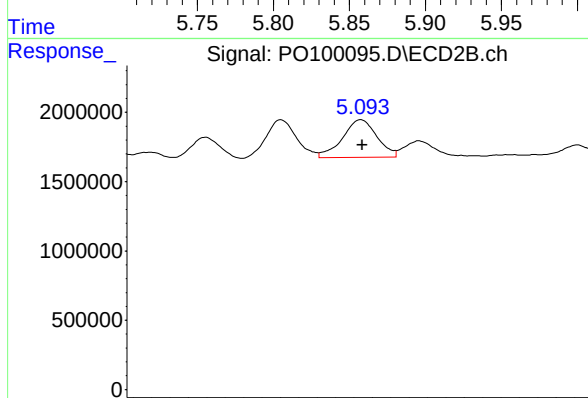
#13 AR-1232-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1234966
Conc: 119.17 ng/ml



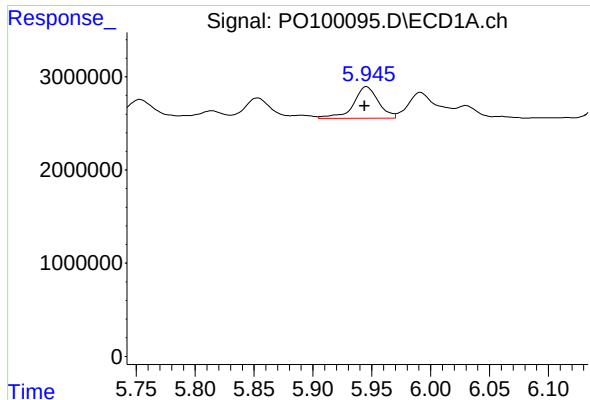
#14 AR-1232-4

R.T.: 5.853 min
Delta R.T.: 0.002 min
Response: 3417225
Conc: 245.99 ng/ml



#14 AR-1232-4

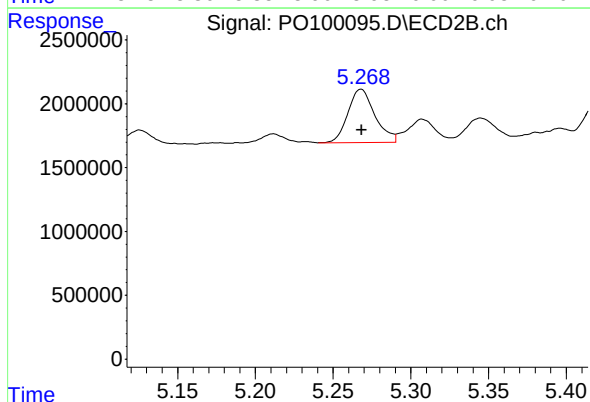
R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 3530093
Conc: 355.15 ng/ml



#15 AR-1232-5

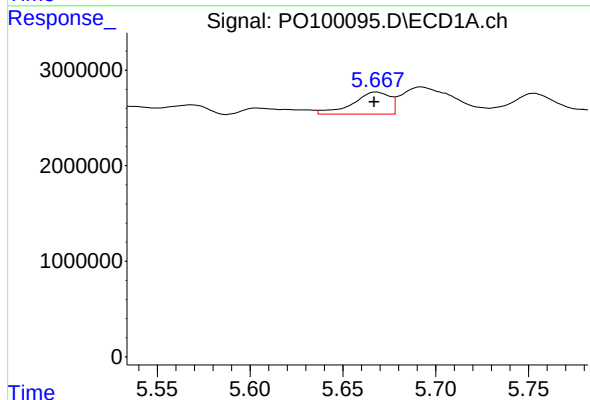
R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 4948343
Conc: 403.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



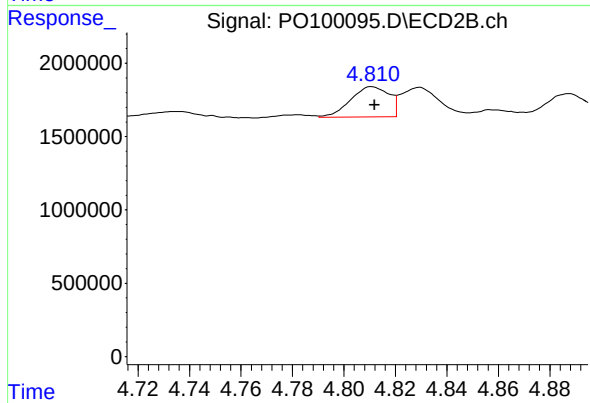
#15 AR-1232-5

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 5051529
Conc: 467.73 ng/ml



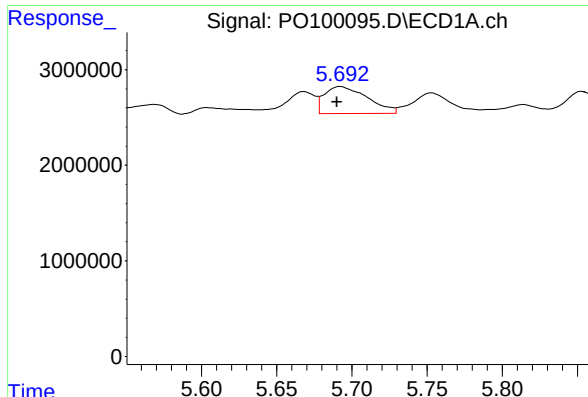
#16 AR-1242-1

R.T.: 5.668 min
Delta R.T.: 0.001 min
Response: 3225635
Conc: 93.11 ng/ml



#16 AR-1242-1

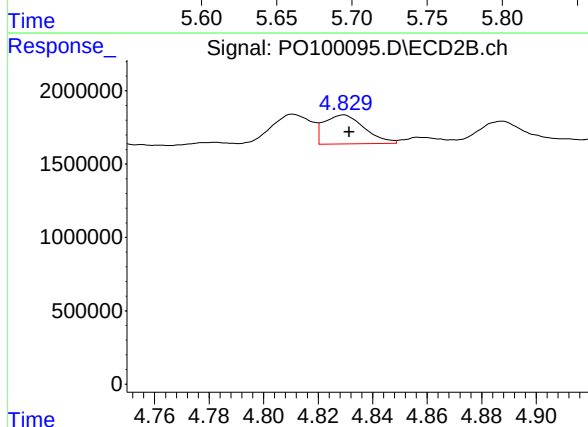
R.T.: 4.811 min
Delta R.T.: -0.001 min
Response: 2129782
Conc: 81.04 ng/ml



#17 AR-1242-2

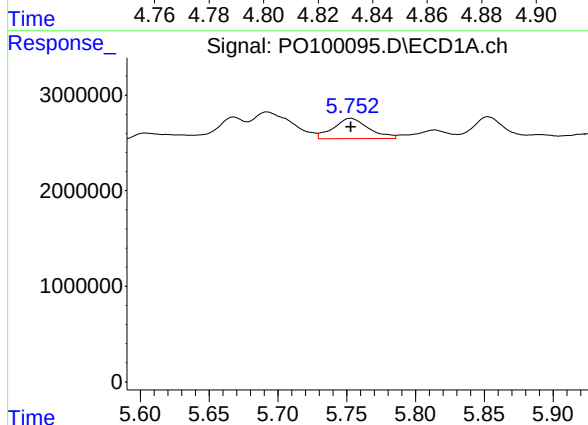
R.T.: 5.693 min
Delta R.T.: 0.002 min
Response: 5635316
Conc: 107.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



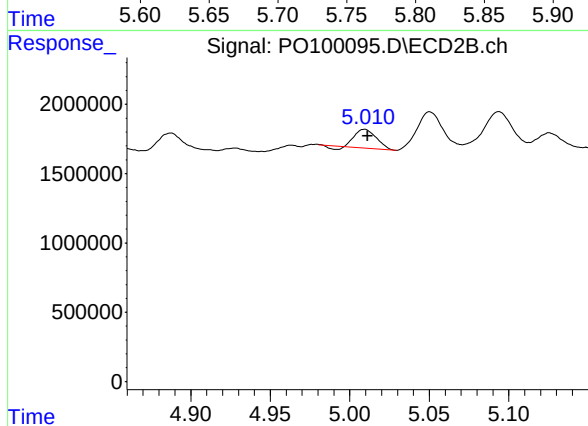
#17 AR-1242-2

R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 2029438
Conc: 57.72 ng/ml



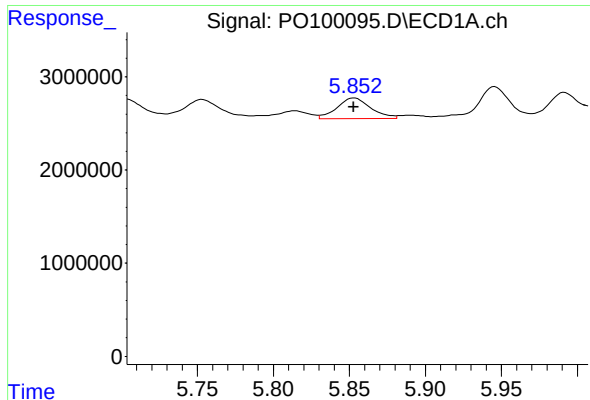
#18 AR-1242-3

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 3756818
Conc: 107.94 ng/ml



#18 AR-1242-3

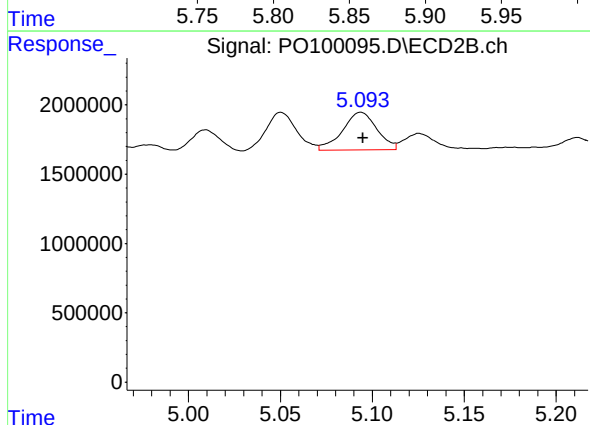
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 1234966
Conc: 64.49 ng/ml



#19 AR-1242-4

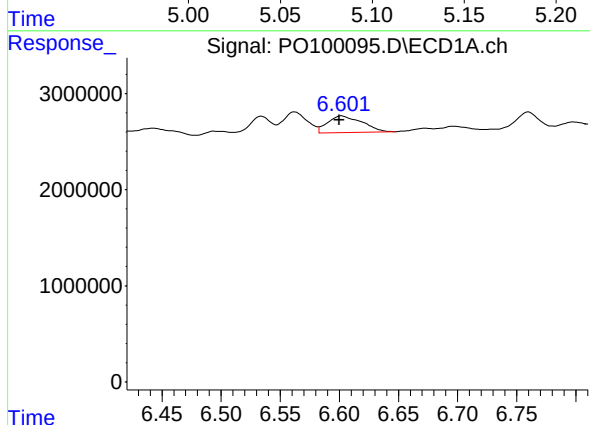
R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 3417225
Conc: 129.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



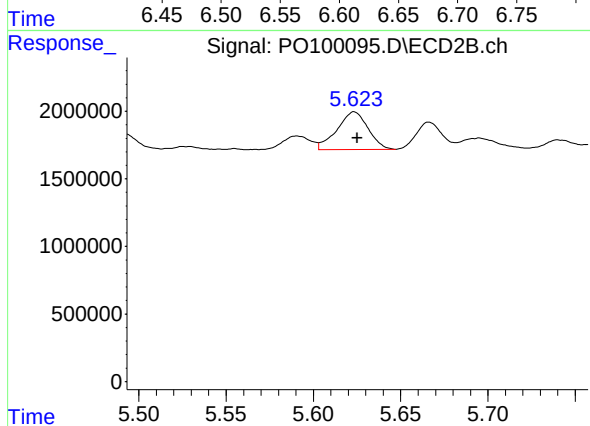
#19 AR-1242-4

R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 3530093
Conc: 175.26 ng/ml



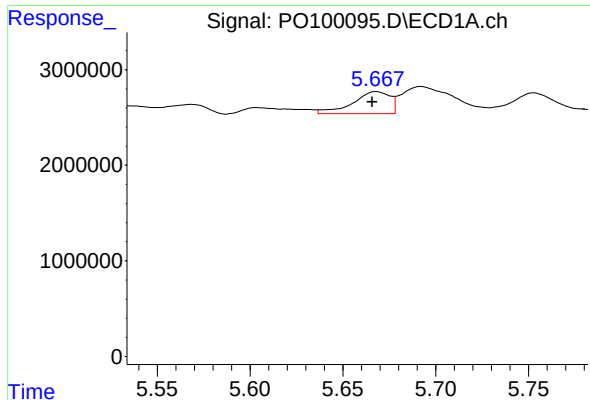
#20 AR-1242-5

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 3523467
Conc: 157.59 ng/ml



#20 AR-1242-5

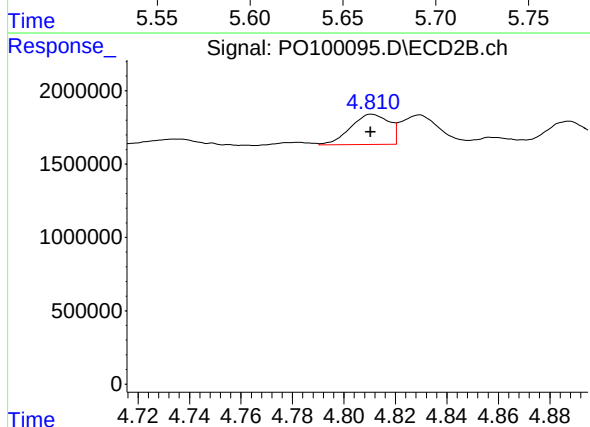
R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 3457608
Conc: 147.98 ng/ml



#21 AR-1248-1

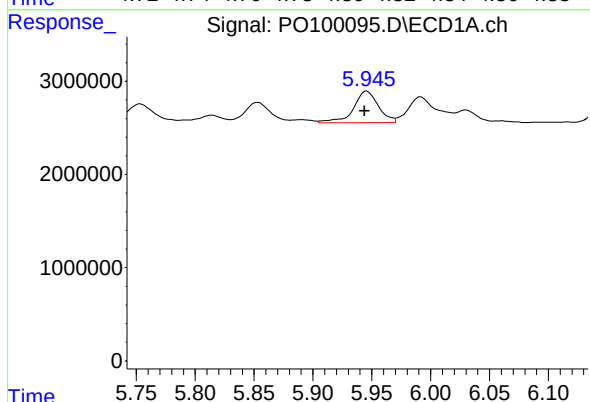
R.T.: 5.668 min
Delta R.T.: 0.002 min
Response: 3225635
Conc: 124.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



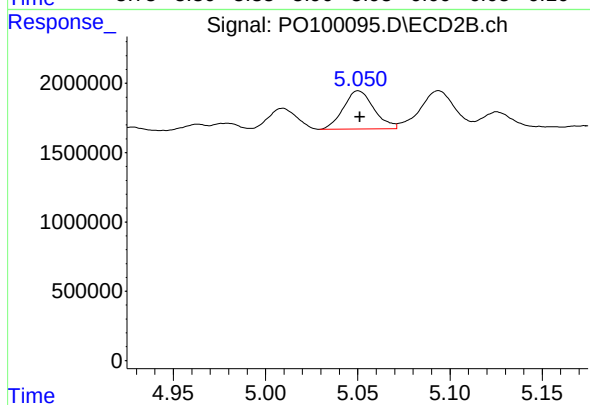
#21 AR-1248-1

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 2129782
Conc: 106.53 ng/ml



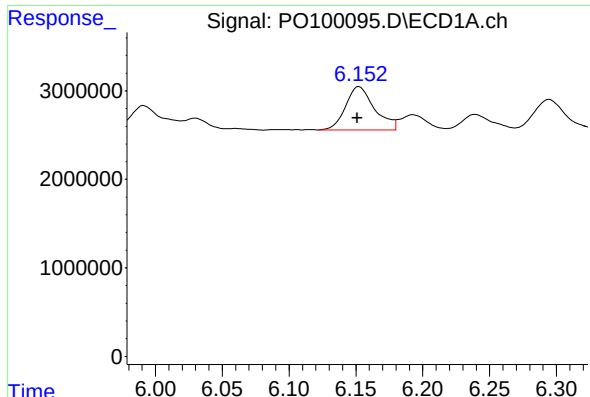
#22 AR-1248-2

R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 4948343
Conc: 121.00 ng/ml



#22 AR-1248-2

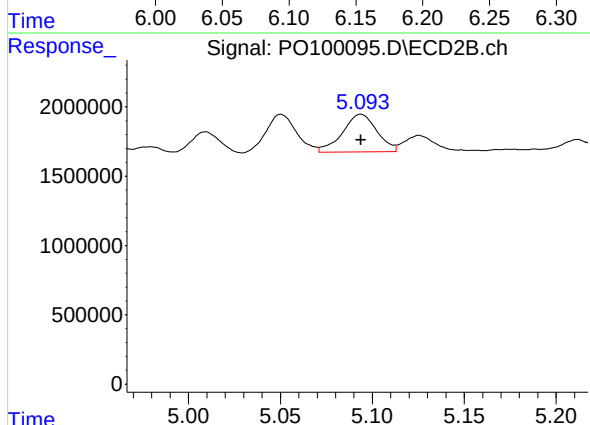
R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 3178851
Conc: 113.61 ng/ml



#23 AR-1248-3

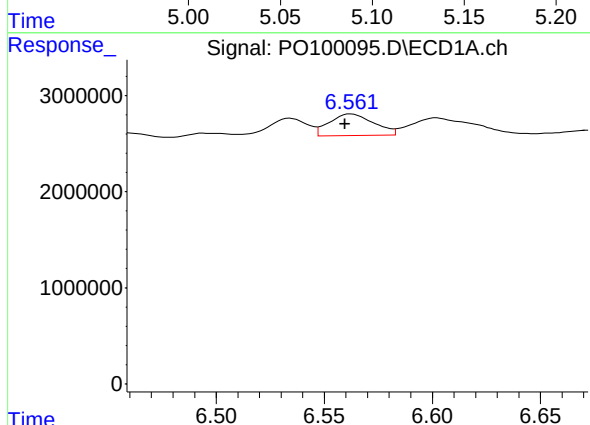
R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 7380536
Conc: 172.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



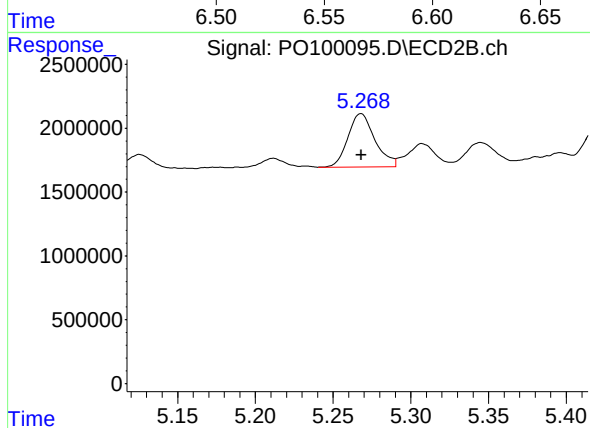
#23 AR-1248-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 3530093
Conc: 122.24 ng/ml



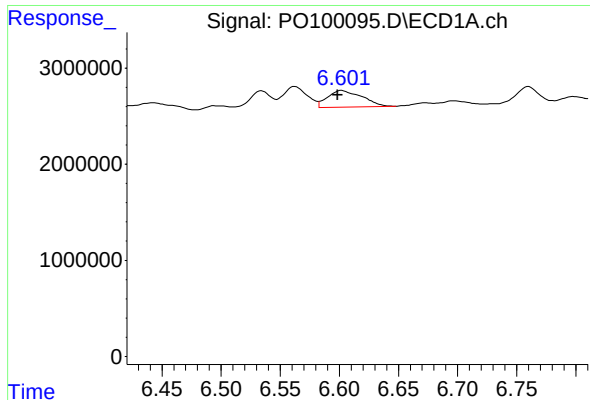
#24 AR-1248-4

R.T.: 6.562 min
Delta R.T.: 0.003 min
Response: 3222725
Conc: 85.50 ng/ml



#24 AR-1248-4

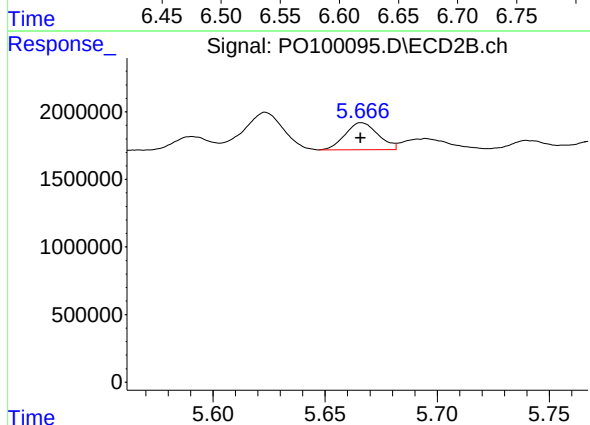
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 5051529
Conc: 154.06 ng/ml



#25 AR-1248-5

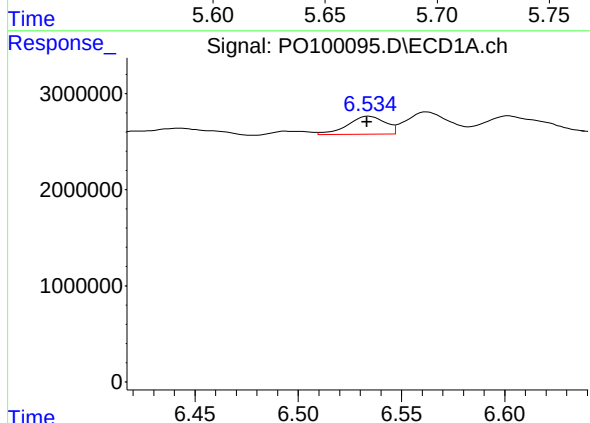
R.T.: 6.602 min
Delta R.T.: 0.003 min
Response: 3523467
Conc: 95.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



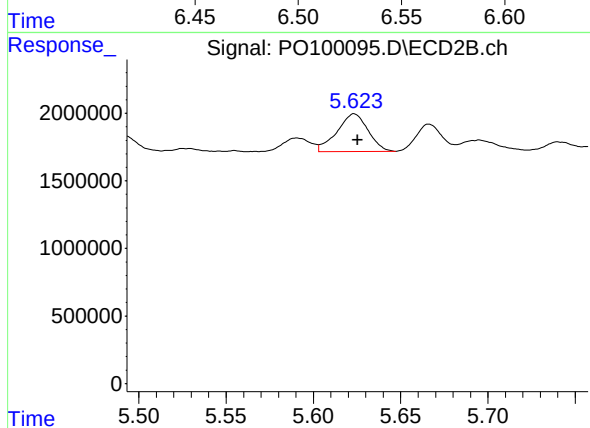
#25 AR-1248-5

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 2053539
Conc: 68.75 ng/ml



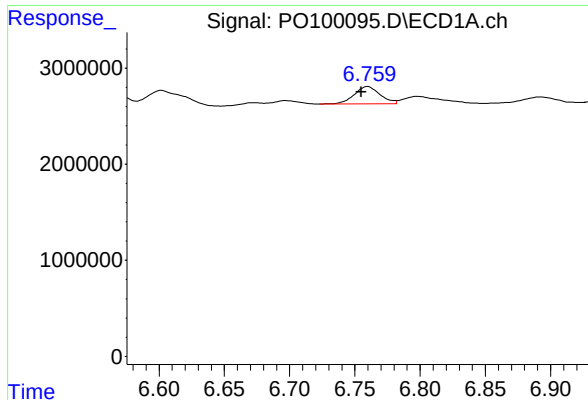
#26 AR-1254-1

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 2365565
Conc: 49.13 ng/ml



#26 AR-1254-1

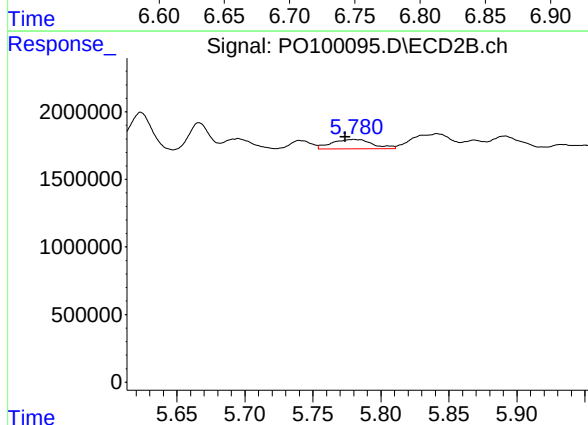
R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 3457608
Conc: 66.70 ng/ml



#27 AR-1254-2

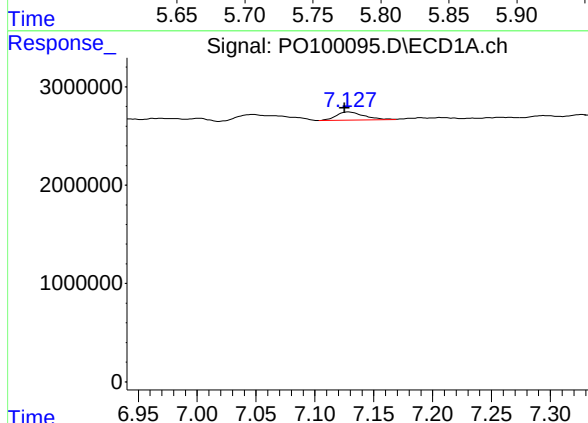
R.T.: 6.760 min
Delta R.T.: 0.005 min
Response: 2476280
Conc: 36.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



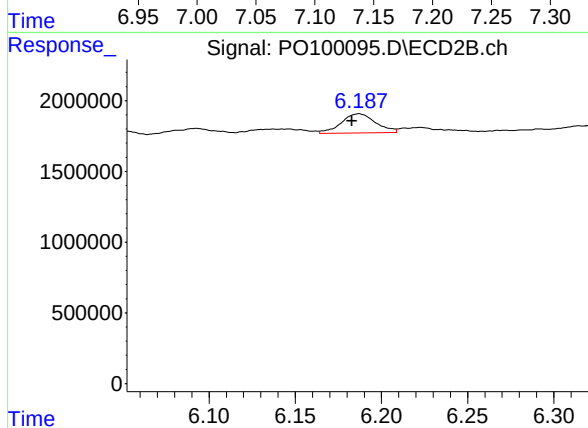
#27 AR-1254-2

R.T.: 5.780 min
Delta R.T.: 0.006 min
Response: 1443209
Conc: 30.99 ng/ml



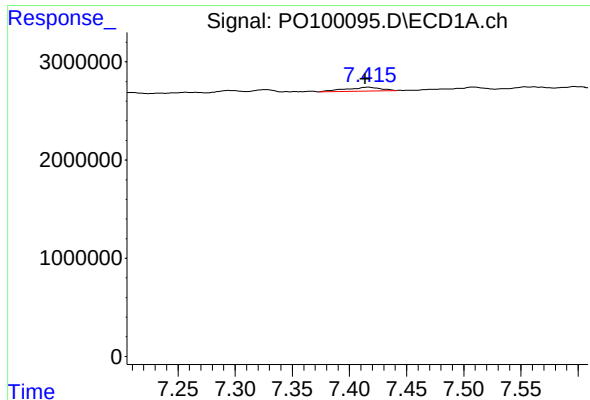
#28 AR-1254-3

R.T.: 7.129 min
Delta R.T.: 0.003 min
Response: 1392714
Conc: 21.86 ng/ml



#28 AR-1254-3

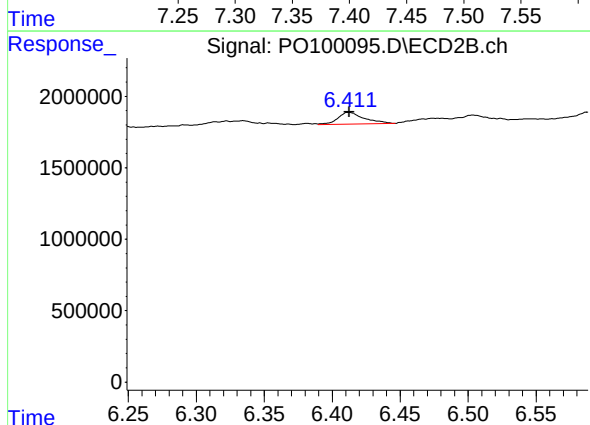
R.T.: 6.187 min
Delta R.T.: 0.004 min
Response: 1892366
Conc: 24.26 ng/ml



#29 AR-1254-4

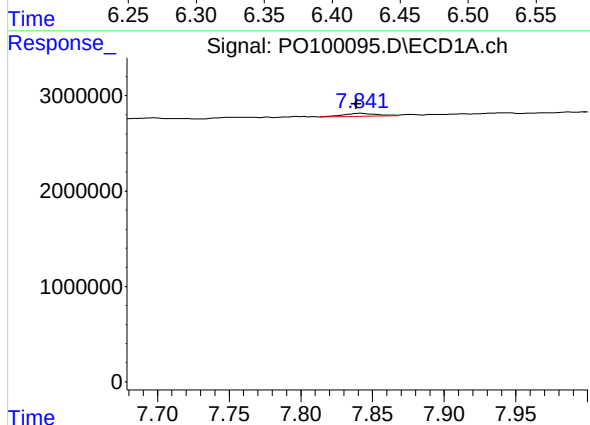
R.T.: 7.416 min
Delta R.T.: 0.003 min
Response: 832577
Conc: 22.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



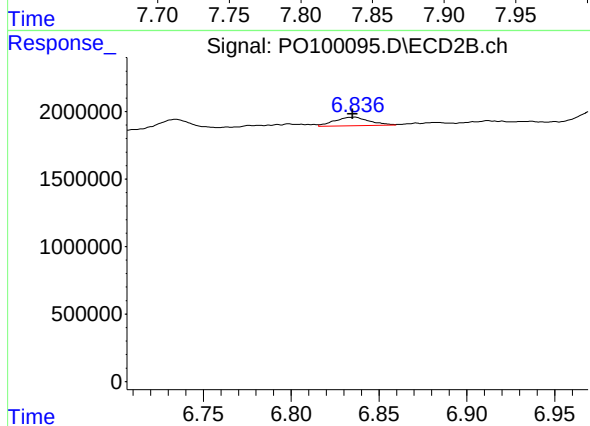
#29 AR-1254-4

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 1088420
Conc: 25.50 ng/ml



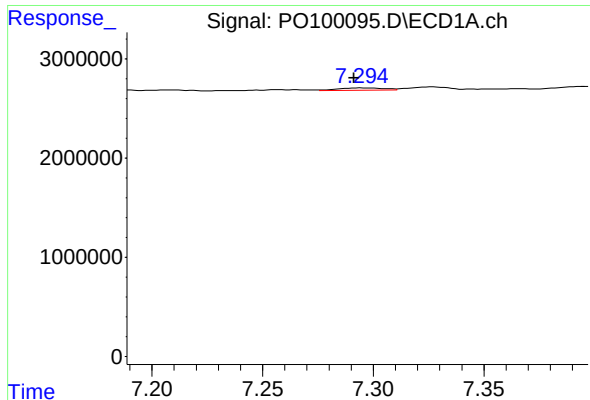
#30 AR-1254-5

R.T.: 7.842 min
Delta R.T.: 0.003 min
Response: 489082
Conc: 11.43 ng/ml



#30 AR-1254-5

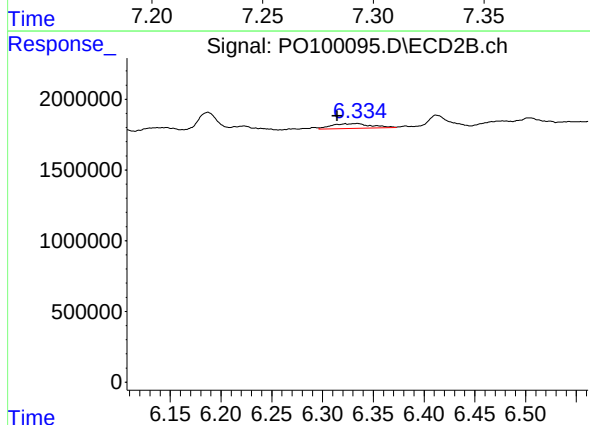
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 880225
Conc: 12.16 ng/ml



#31 AR-1260-1

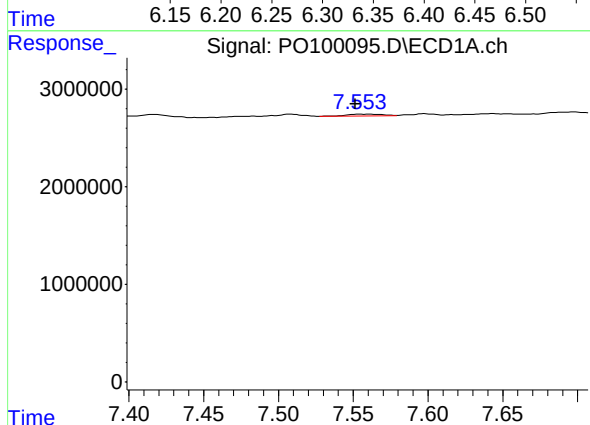
R.T.: 7.294 min
Delta R.T.: 0.003 min
Response: 325601
Conc: 6.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



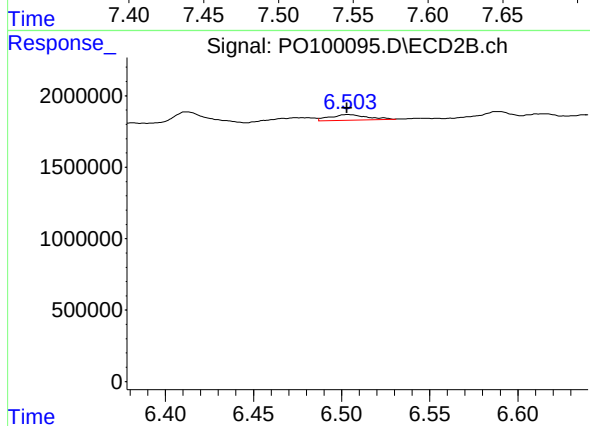
#31 AR-1260-1

R.T.: 6.334 min
Delta R.T.: 0.020 min
Response: 930429
Conc: 16.10 ng/ml



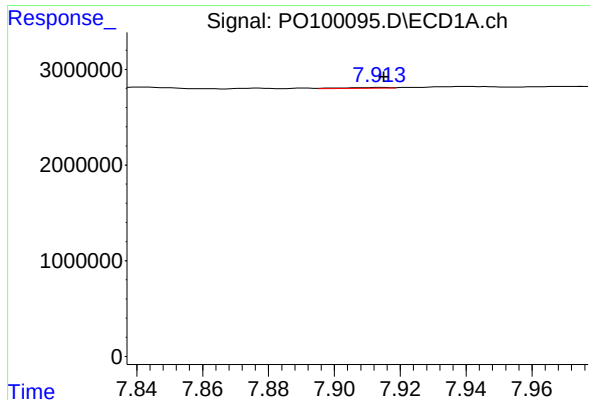
#32 AR-1260-2

R.T.: 7.554 min
Delta R.T.: 0.002 min
Response: 306606
Conc: 5.80 ng/ml



#32 AR-1260-2

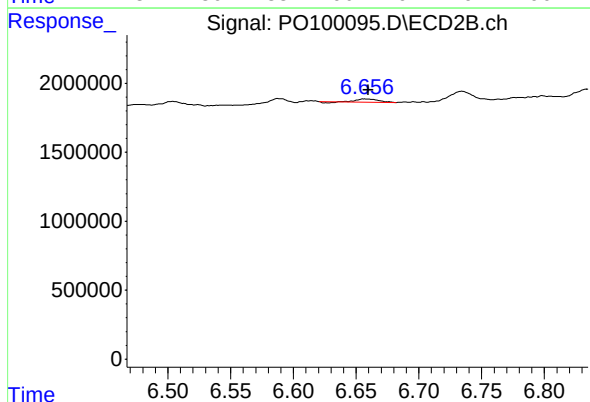
R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 587103
Conc: 8.84 ng/ml



#33 AR-1260-3

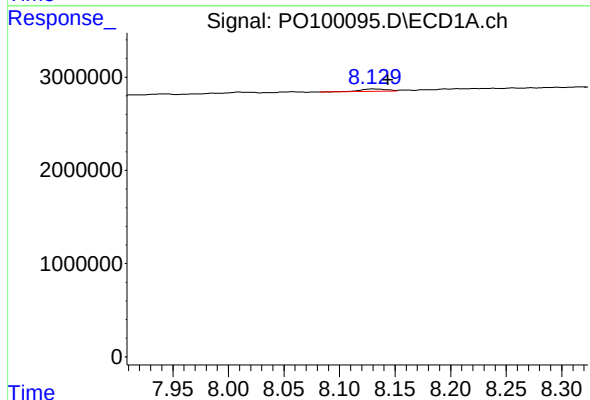
R.T.: 7.914 min
Delta R.T.: -0.001 min
Response: 85831
Conc: 2.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



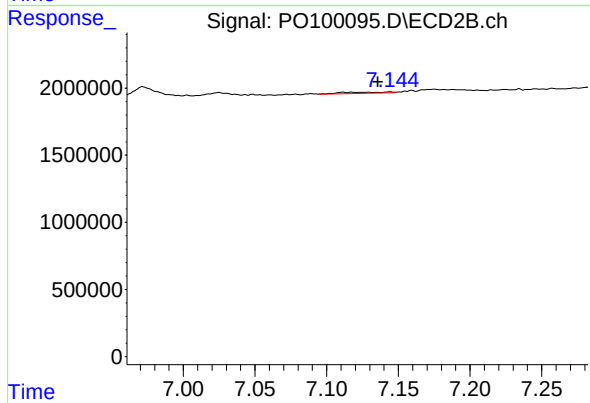
#33 AR-1260-3

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 253270
Conc: 3.96 ng/ml



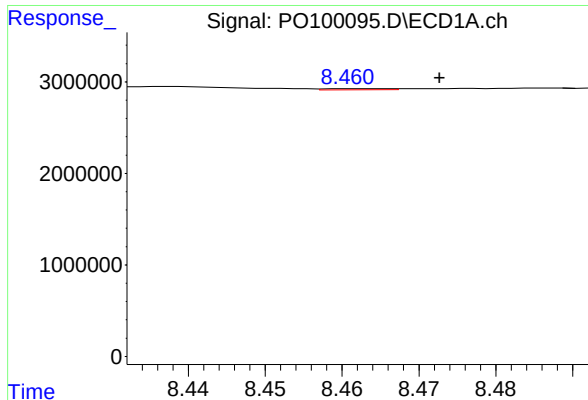
#34 AR-1260-4

R.T.: 8.130 min
Delta R.T.: -0.013 min
Response: 409697
Conc: 9.90 ng/ml



#34 AR-1260-4

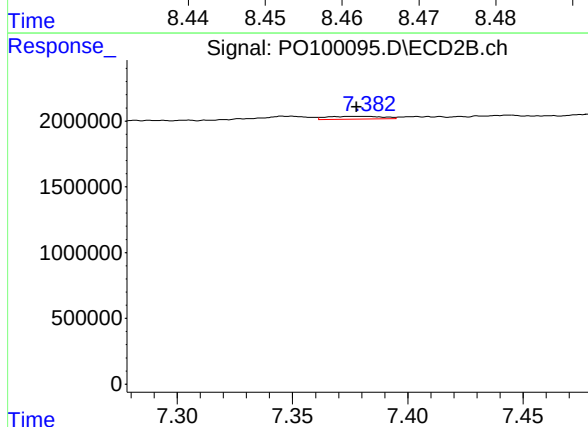
R.T.: 7.144 min
Delta R.T.: 0.008 min
Response: 215417
Conc: 4.27 ng/ml



#35 AR-1260-5

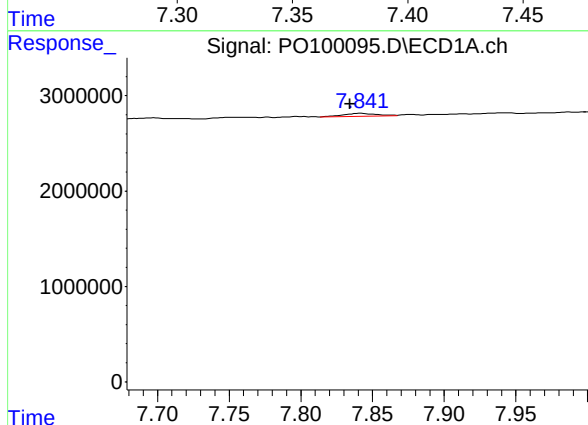
R.T.: 8.462 min
Delta R.T.: -0.011 min
Response: 71108
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



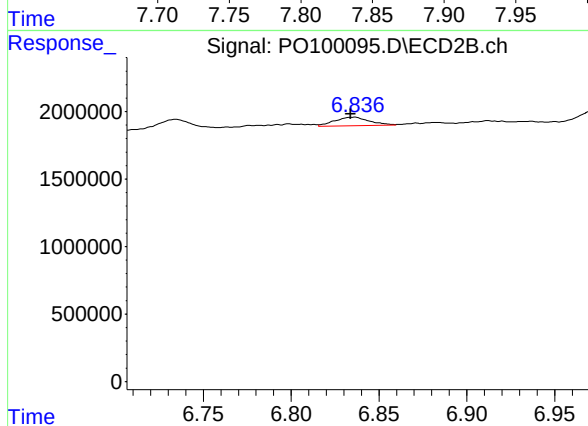
#35 AR-1260-5

R.T.: 7.382 min
Delta R.T.: 0.004 min
Response: 365592
Conc: 3.26 ng/ml



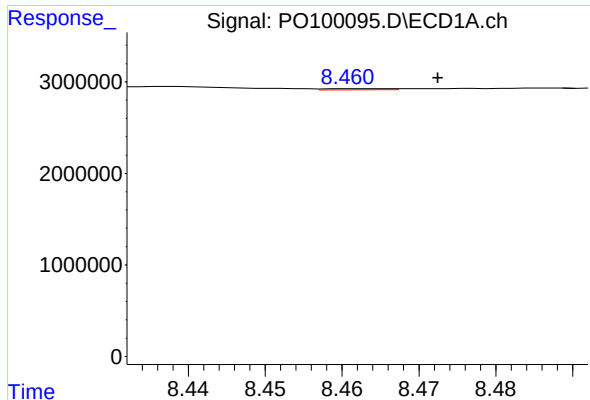
#36 AR-1262-1

R.T.: 7.842 min
Delta R.T.: 0.007 min
Response: 489082
Conc: 13.52 ng/ml



#36 AR-1262-1

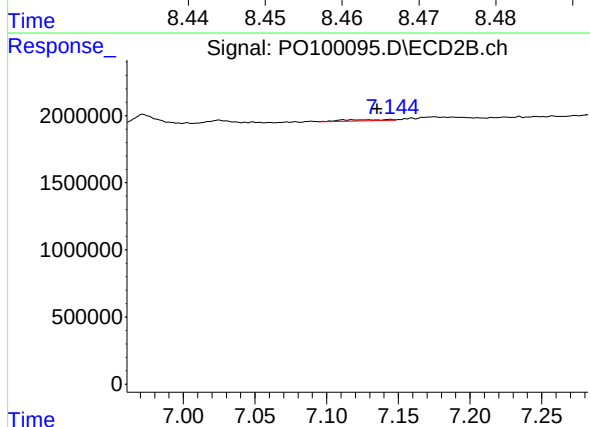
R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 880225
Conc: 23.03 ng/ml



#37 AR-1262-2

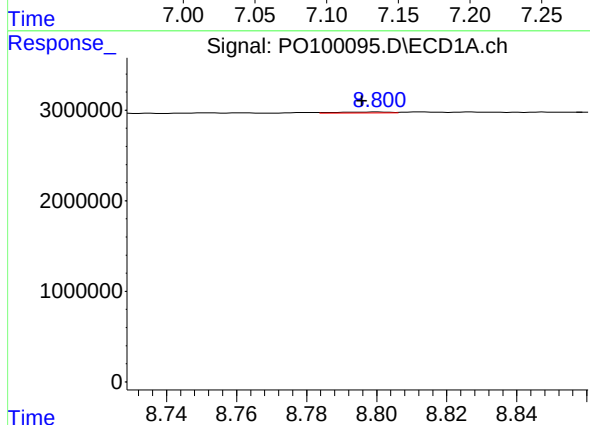
R.T.: 8.462 min
Delta R.T.: -0.011 min
Response: 71108
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



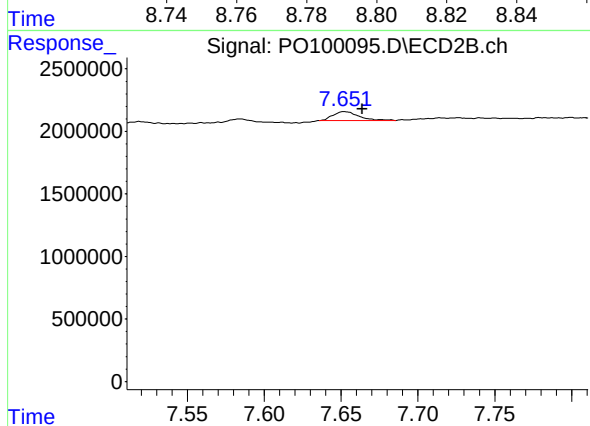
#37 AR-1262-2

R.T.: 7.144 min
Delta R.T.: 0.009 min
Response: 215417
Conc: 2.86 ng/ml



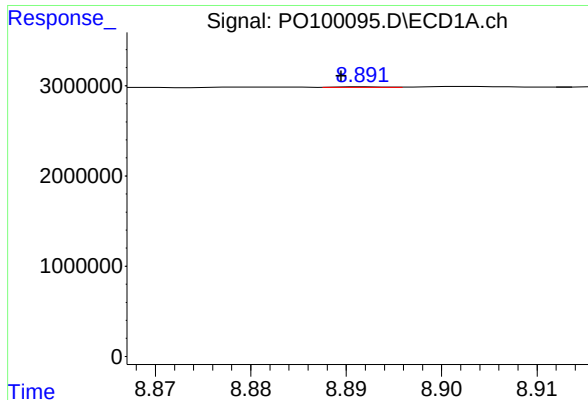
#38 AR-1262-3

R.T.: 8.800 min
Delta R.T.: 0.004 min
Response: 106939
Conc: 1.78 ng/ml



#38 AR-1262-3

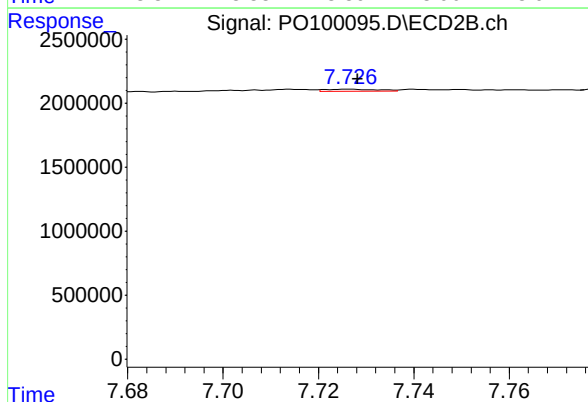
R.T.: 7.652 min
Delta R.T.: -0.012 min
Response: 836903
Conc: 14.37 ng/ml



#39 AR-1262-4

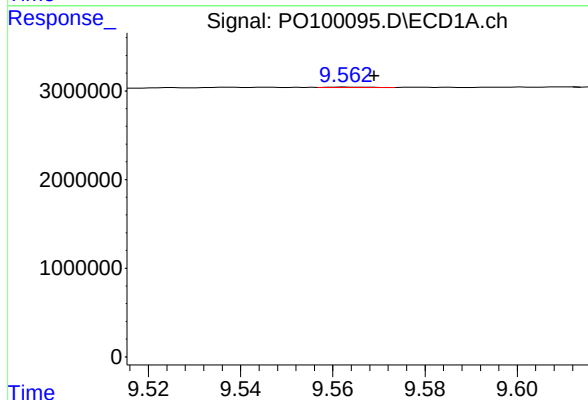
R.T.: 8.892 min
Delta R.T.: 0.002 min
Response: 29021
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



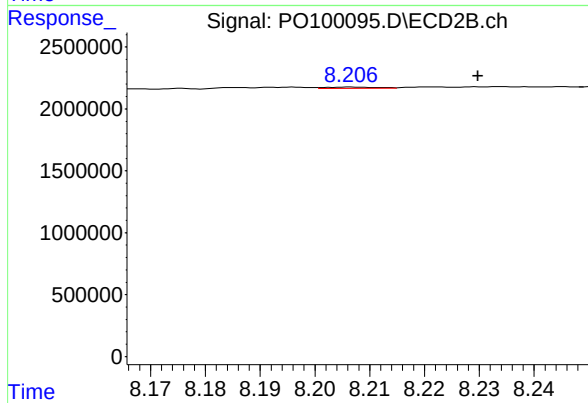
#39 AR-1262-4

R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 116005
Conc: 1.13 ng/ml



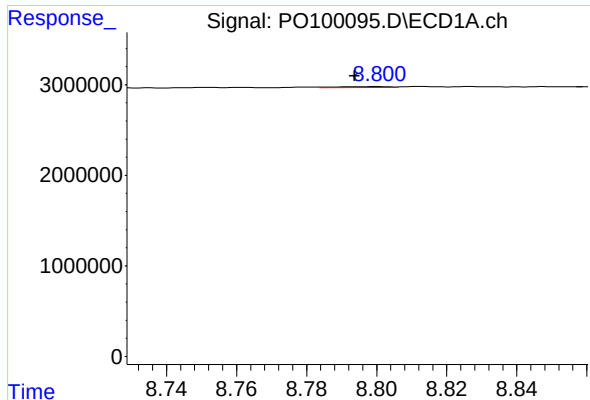
#40 AR-1262-5

R.T.: 9.563 min
Delta R.T.: -0.006 min
Response: 41523
Conc: 1.59 ng/ml



#40 AR-1262-5

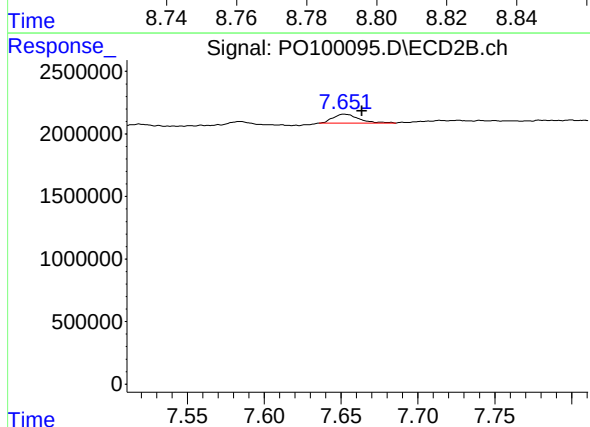
R.T.: 8.207 min
Delta R.T.: -0.023 min
Response: 61748
Conc: 1.42 ng/ml



#41 AR-1268-1

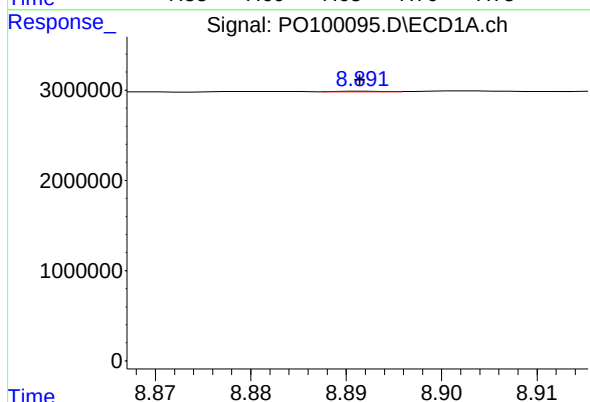
R.T.: 8.800 min
Delta R.T.: 0.007 min
Response: 106939
Conc: 0.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



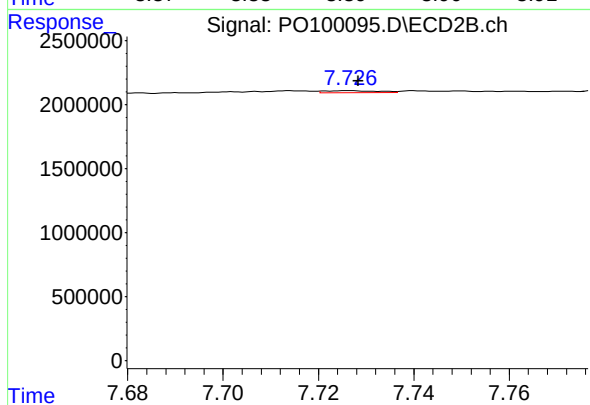
#41 AR-1268-1

R.T.: 7.652 min
Delta R.T.: -0.011 min
Response: 836903
Conc: 5.04 ng/ml



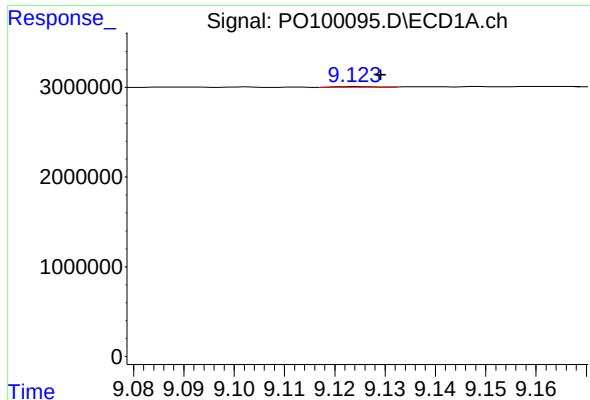
#42 AR-1268-2

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 29021
Conc: 0.30 ng/ml



#42 AR-1268-2

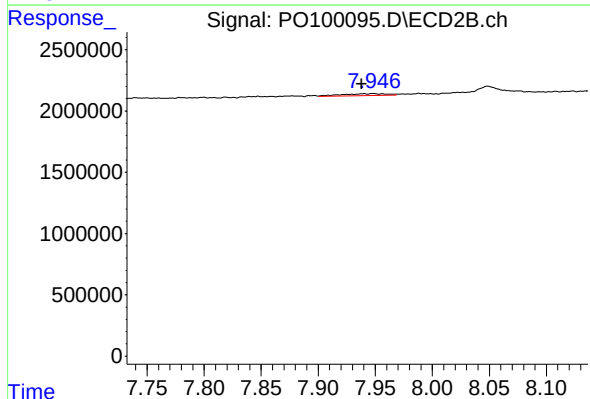
R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 116005
Conc: 0.76 ng/ml



#43 AR-1268-3

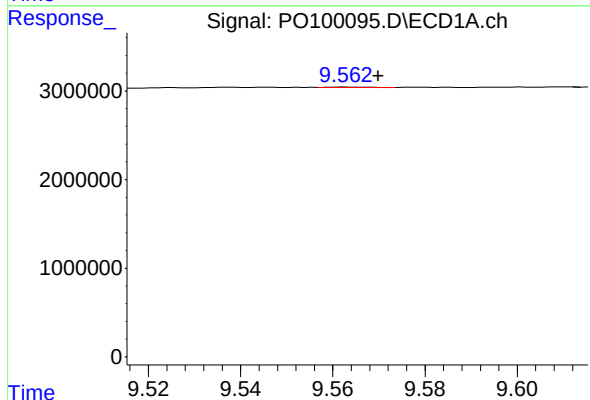
R.T.: 9.124 min
Delta R.T.: -0.005 min
Response: 41338
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



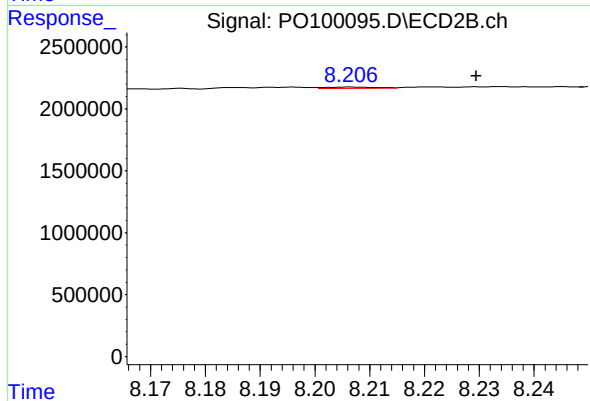
#43 AR-1268-3

R.T.: 7.948 min
Delta R.T.: 0.010 min
Response: 487282
Conc: 3.40 ng/ml



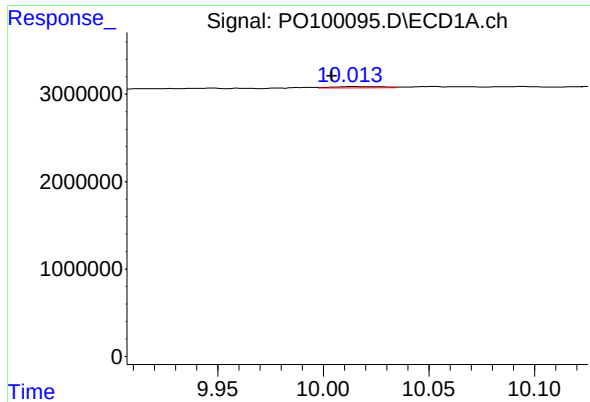
#44 AR-1268-4

R.T.: 9.563 min
Delta R.T.: -0.007 min
Response: 41523
Conc: 1.46 ng/ml



#44 AR-1268-4

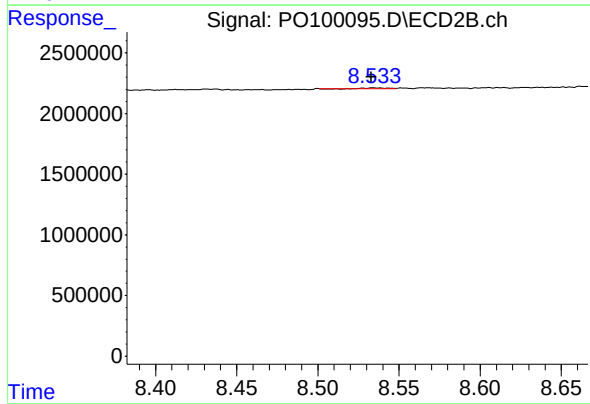
R.T.: 8.207 min
Delta R.T.: -0.023 min
Response: 61748
Conc: 1.31 ng/ml



#45 AR-1268-5

R.T.: 10.014 min
Delta R.T.: 0.010 min
Response: 211732
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.534 min
Delta R.T.: 0.001 min
Response: 55416
Conc: 0.14 ng/ml