

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0121823\
 Data File : P0100556.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2023 17:41
 Operator : YP/AJ
 Sample : 05886-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 00:52:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0121523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 16 05:19:37 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...	4.473	3.698	25110732	23295253	15.874	15.341
2) SA Decachlor...	10.359	8.794	20231744	17290683	18.019	13.884
Target Compounds						
3) L1 AR-1016-1	5.648	4.804	1027771	127121	22.190	3.853 #
4) L1 AR-1016-2	5.683	4.804	744972	127121	10.968	2.805 #
5) L1 AR-1016-3	5.757	4.945f	273660	439275	6.510	18.372 #
6) L1 AR-1016-4	5.896f	5.047	385174	191808	11.621	9.386
7) L1 AR-1016-5	6.134	5.232	815428	1080293	23.101	42.031 #
8) L2 AR-1221-1	4.683	3.898	1036196	169656	58.966	9.488 #
9) L2 AR-1221-2	4.767	4.003	1090726	488066	82.606	37.319 #
10) L2 AR-1221-3	4.867	4.086	1975745	917432	47.659	24.619 #
11) L3 AR-1232-1	4.867	4.086	1975745	917432	61.112	30.974 #
12) L3 AR-1232-2	5.389	4.804	300212	127121	17.697	6.086 #
13) L3 AR-1232-3	5.683	4.945f	744972	439275	25.115	40.643 #
14) L3 AR-1232-4	5.896f	5.089	385174	489769	28.235	47.489 #
15) L3 AR-1232-5	5.938	5.232	1568657	1080293	130.740	97.635 #
16) L4 AR-1242-1	5.648	4.804	1027771	127121	27.771	4.660 #
17) L4 AR-1242-2	5.683	4.804	744972	127121	13.795	3.380 #
18) L4 AR-1242-3	5.757	4.945f	273660	439275	8.219	22.018 #
19) L4 AR-1242-4	5.896f	5.089	385174	489769	14.818	23.340 #
20) L4 AR-1242-5	6.585	5.624	163863	2367398	6.655	101.963 #
21) L5 AR-1248-1	5.648	4.804	1027771	127121	38.209	6.104 #
22) L5 AR-1248-2	5.938	5.047	1568657	191808	34.740	6.552 #
23) L5 AR-1248-3	6.134	5.089	815428	489769	16.861	16.245
24) L5 AR-1248-4	6.530	5.232	859305	1080293	19.705	31.318 #
25) L5 AR-1248-5	6.585	5.652	163863	5738674	3.934	194.868 #
26) L6 AR-1254-1	6.530	5.624	859305	2367398	15.672	47.069 #
27) L6 AR-1254-2	6.714	5.755	7353993	970250	91.083	21.093 #
28) L6 AR-1254-3	7.102	6.178	13817471	5232102	180.742	69.219 #
29) L6 AR-1254-4	7.433	6.438f	6853095	2170289	158.027	51.403 #
30) L6 AR-1254-5	7.833	6.850	1748551	7261074	31.546	99.033 #
31) L7 AR-1260-1	7.288	6.298	586762	1615685	9.131	26.779 #
32) L7 AR-1260-2	7.548	6.500	3498898	19633655	49.528	274.729 #
33) L7 AR-1260-3	7.904	6.658	982219	695206	17.589	9.905 #
34) L7 AR-1260-4	8.127	7.135	5216179	2668506	85.049	44.174 #
35) L7 AR-1260-5	8.472	7.376	14149119	720219	124.618	5.500 #
36) L8 AR-1262-1	7.833	6.850	1748551	7261074	37.416	188.365 #
37) L8 AR-1262-2	8.472	7.135	14149119	2668506	119.228	34.281 #
38) L8 AR-1262-3	8.820f	7.625	53363862	2055497	641.013	35.830 #
39) L8 AR-1262-4	8.820f	7.703	53363862	3973175	813.740	36.302 #
40) L8 AR-1262-5	9.550	8.228	1844109	367438	47.254	7.899 #
41) L9 AR-1268-1	8.820f	7.625	53363862	2055497	349.699	11.640 #

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 QLast Update : Sat Dec 16 05:19:37 2023
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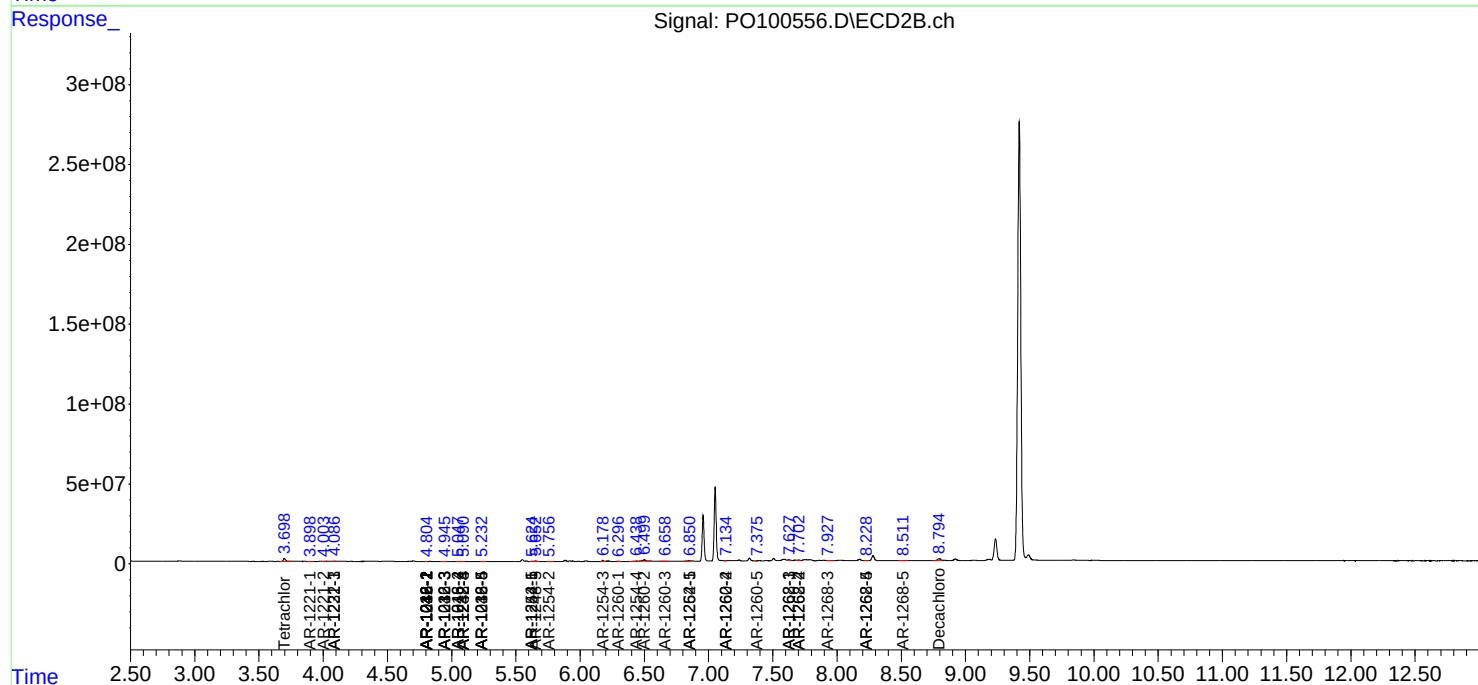
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

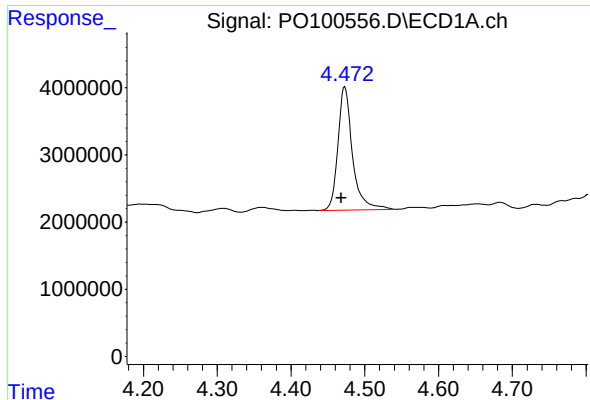
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.820f	7.703	53363862	3973175	399.503	24.663 #
43) L9	AR-1268-3	9.135	7.928	-1371155	2246389	N.D.	14.902 #
44) L9	AR-1268-4	9.550	8.228	1844109	367438	43.273	6.961 #
45) L9	AR-1268-5	10.004	8.512	5408647	910068	15.044	2.171 #

(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

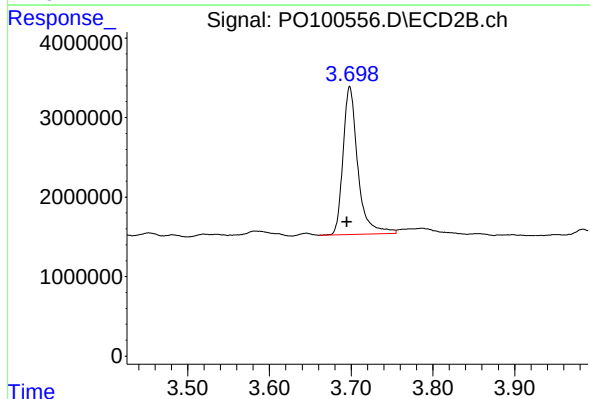




#1 Tetrachloro-m-xylene

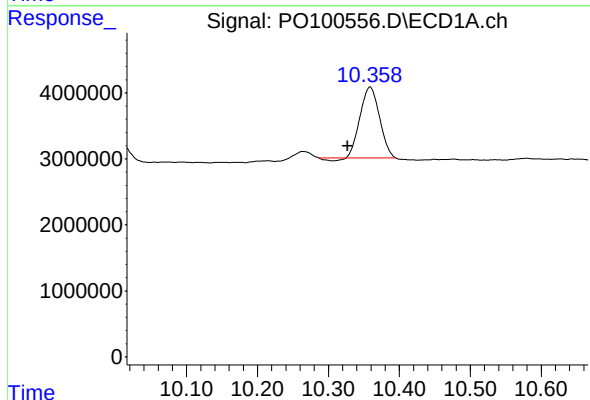
R.T.: 4.473 min
Delta R.T.: 0.005 min
Response: 25110732
Conc: 15.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



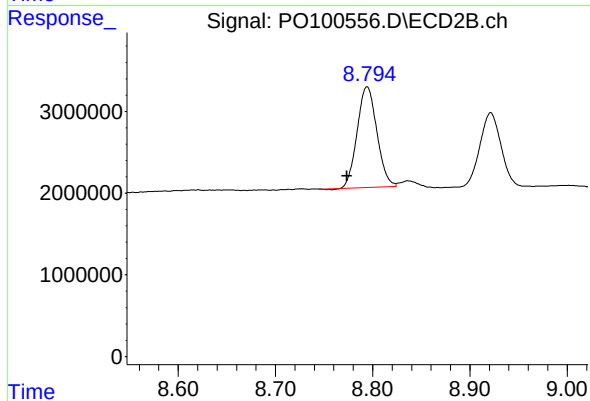
#1 Tetrachloro-m-xylene

R.T.: 3.698 min
Delta R.T.: 0.004 min
Response: 23295253
Conc: 15.34 ng/ml



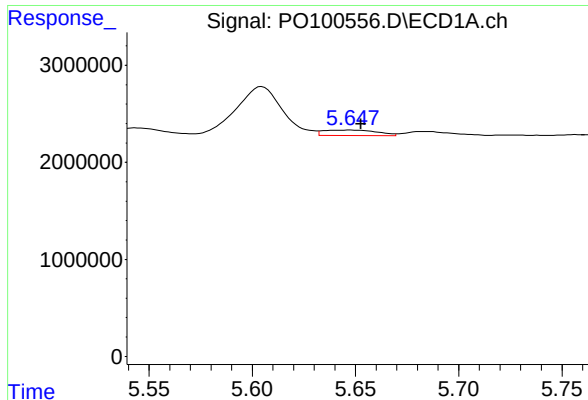
#2 Decachlorobiphenyl

R.T.: 10.359 min
Delta R.T.: 0.032 min
Response: 20231744
Conc: 18.02 ng/ml



#2 Decachlorobiphenyl

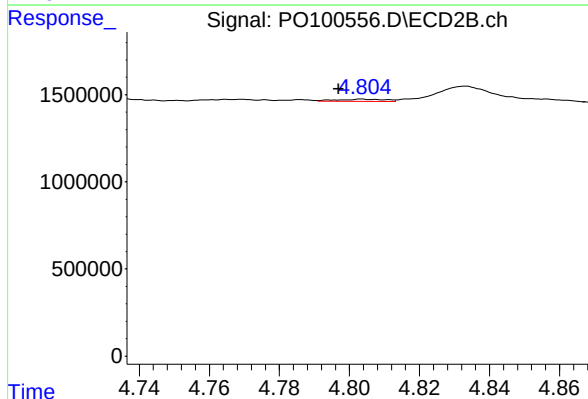
R.T.: 8.794 min
Delta R.T.: 0.021 min
Response: 17290683
Conc: 13.88 ng/ml



#3 AR-1016-1

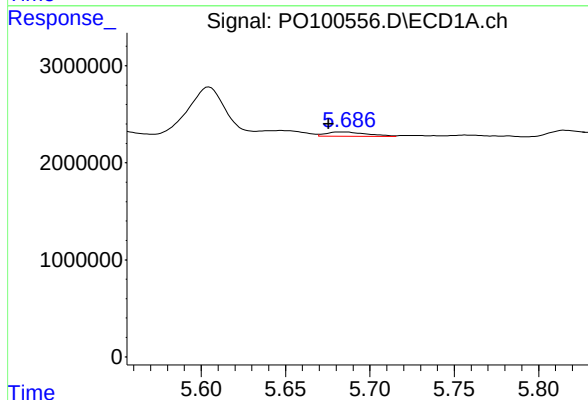
R.T.: 5.648 min
Delta R.T.: -0.005 min
Response: 1027771
Conc: 22.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



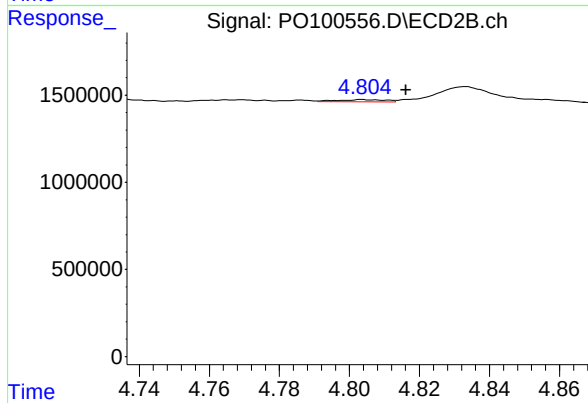
#3 AR-1016-1

R.T.: 4.804 min
Delta R.T.: 0.007 min
Response: 127121
Conc: 3.85 ng/ml



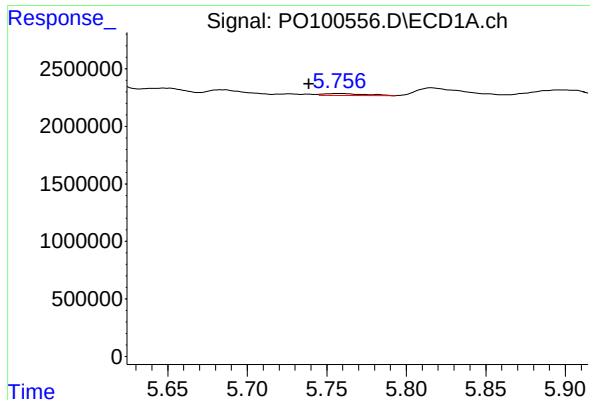
#4 AR-1016-2

R.T.: 5.683 min
Delta R.T.: 0.008 min
Response: 744972
Conc: 10.97 ng/ml



#4 AR-1016-2

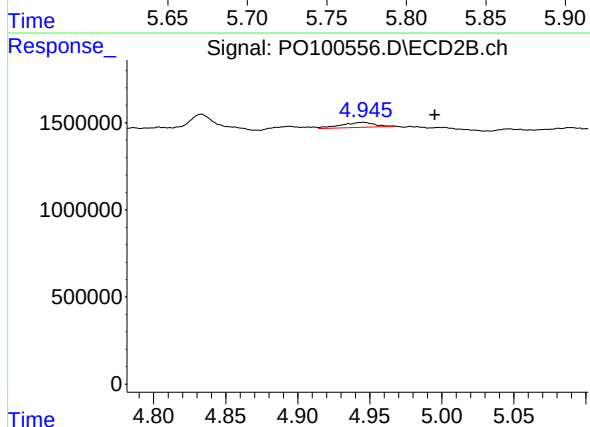
R.T.: 4.804 min
Delta R.T.: -0.012 min
Response: 127121
Conc: 2.81 ng/ml



#5 AR-1016-3

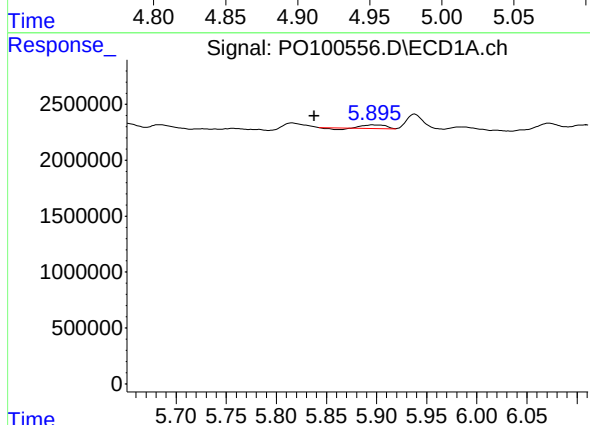
R.T.: 5.757 min
Delta R.T.: 0.018 min
Response: 273660
Conc: 6.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



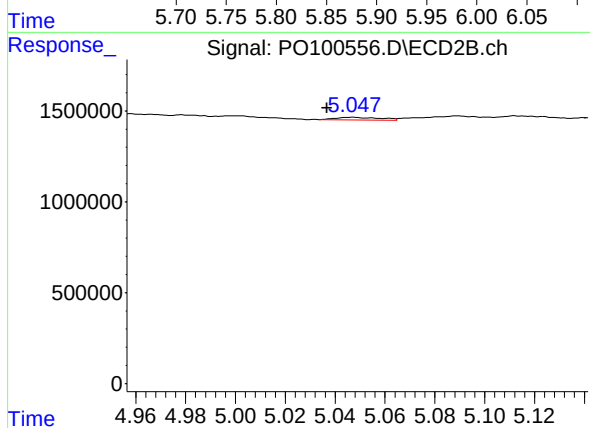
#5 AR-1016-3

R.T.: 4.945 min
Delta R.T.: -0.050 min
Response: 439275
Conc: 18.37 ng/ml



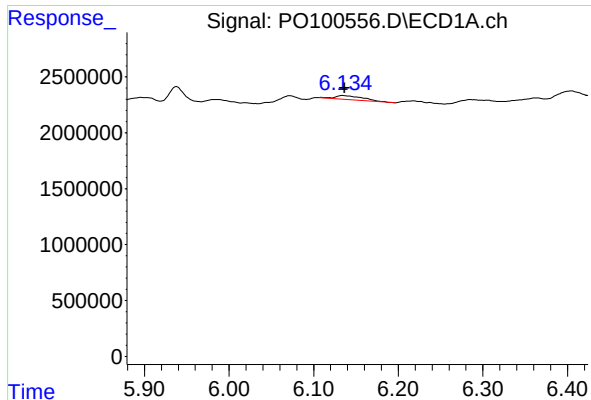
#6 AR-1016-4

R.T.: 5.896 min
Delta R.T.: 0.058 min
Response: 385174
Conc: 11.62 ng/ml



#6 AR-1016-4

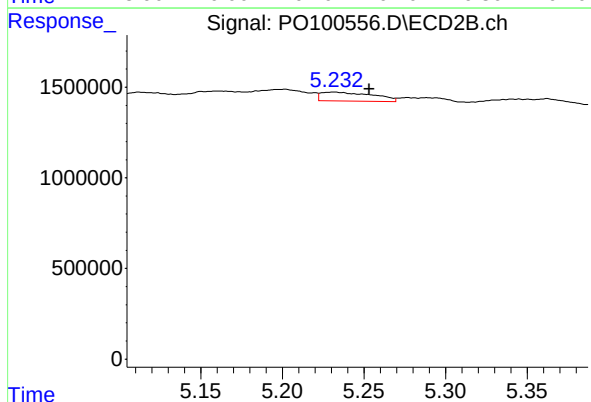
R.T.: 5.047 min
Delta R.T.: 0.010 min
Response: 191808
Conc: 9.39 ng/ml



#7 AR-1016-5

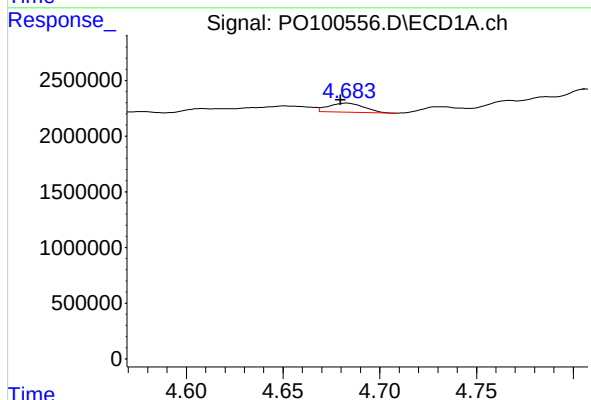
R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 815428
Conc: 23.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



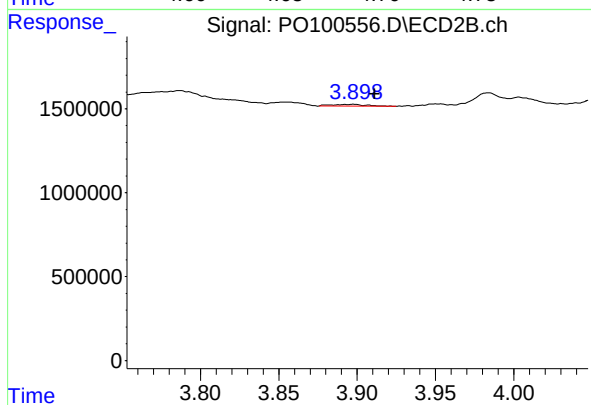
#7 AR-1016-5

R.T.: 5.232 min
Delta R.T.: -0.021 min
Response: 1080293
Conc: 42.03 ng/ml



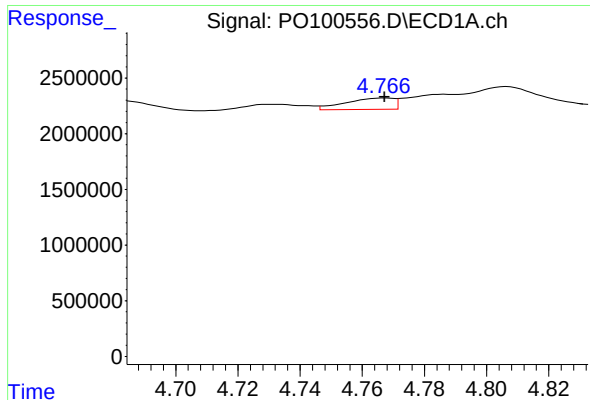
#8 AR-1221-1

R.T.: 4.683 min
Delta R.T.: 0.003 min
Response: 1036196
Conc: 58.97 ng/ml



#8 AR-1221-1

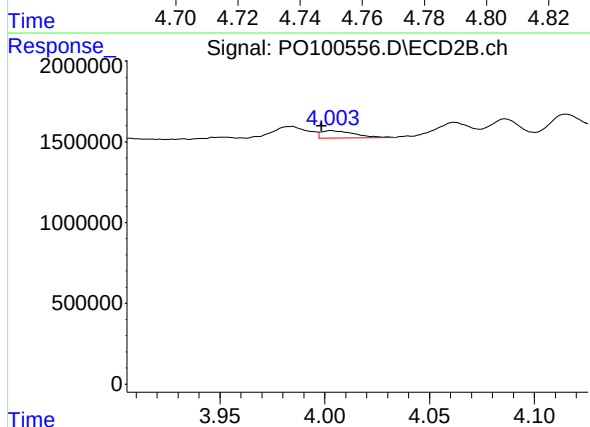
R.T.: 3.898 min
Delta R.T.: -0.013 min
Response: 169656
Conc: 9.49 ng/ml



#9 AR-1221-2

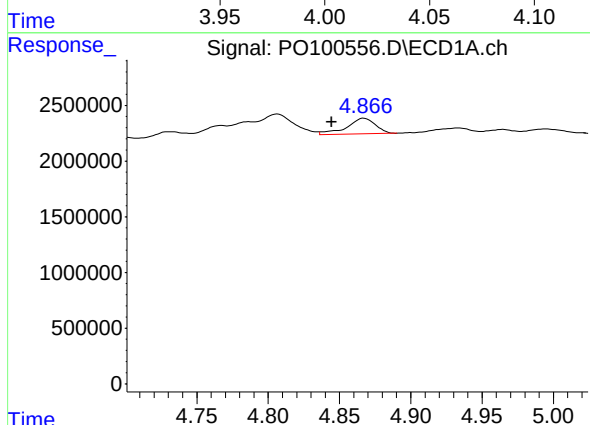
R.T.: 4.767 min
Delta R.T.: 0.000 min
Response: 1090726
Conc: 82.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



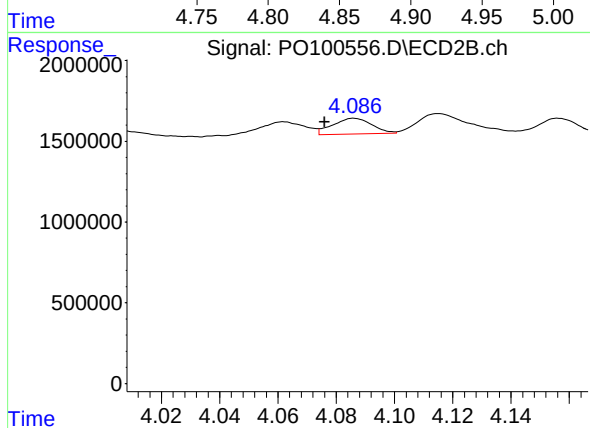
#9 AR-1221-2

R.T.: 4.003 min
Delta R.T.: 0.005 min
Response: 488066
Conc: 37.32 ng/ml



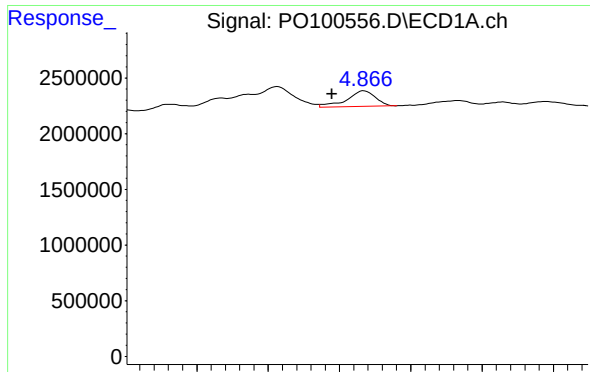
#10 AR-1221-3

R.T.: 4.867 min
Delta R.T.: 0.023 min
Response: 1975745
Conc: 47.66 ng/ml



#10 AR-1221-3

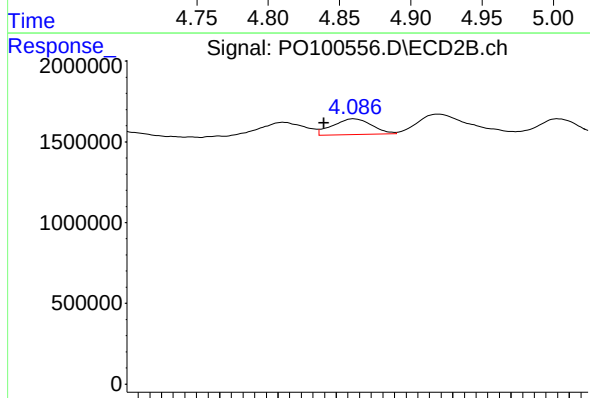
R.T.: 4.086 min
Delta R.T.: 0.010 min
Response: 917432
Conc: 24.62 ng/ml



#11 AR-1232-1

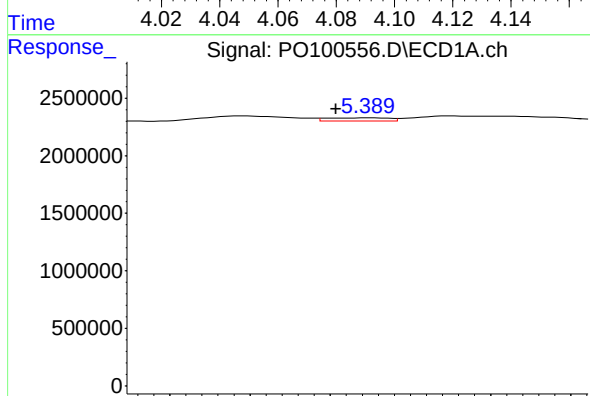
R.T.: 4.867 min
Delta R.T.: 0.023 min
Response: 1975745
Conc: 61.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



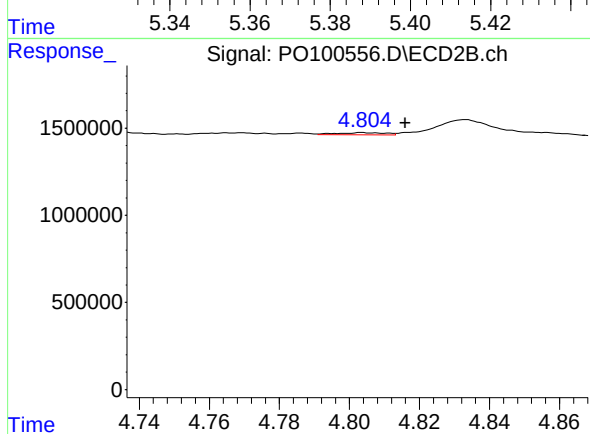
#11 AR-1232-1

R.T.: 4.086 min
Delta R.T.: 0.010 min
Response: 917432
Conc: 30.97 ng/ml



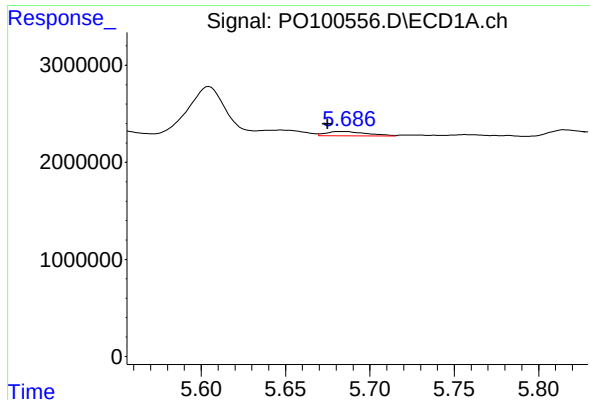
#12 AR-1232-2

R.T.: 5.389 min
Delta R.T.: 0.008 min
Response: 300212
Conc: 17.70 ng/ml



#12 AR-1232-2

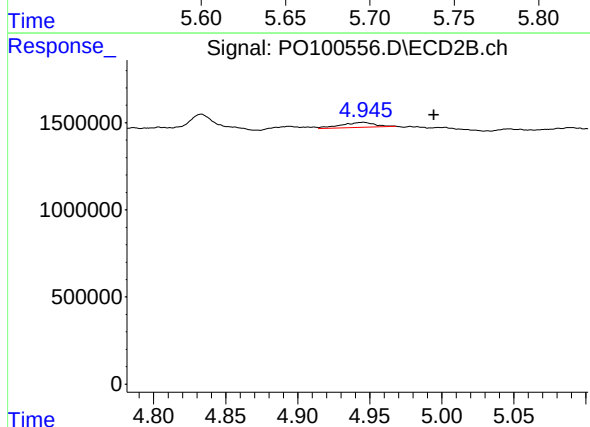
R.T.: 4.804 min
Delta R.T.: -0.012 min
Response: 127121
Conc: 6.09 ng/ml



#13 AR-1232-3

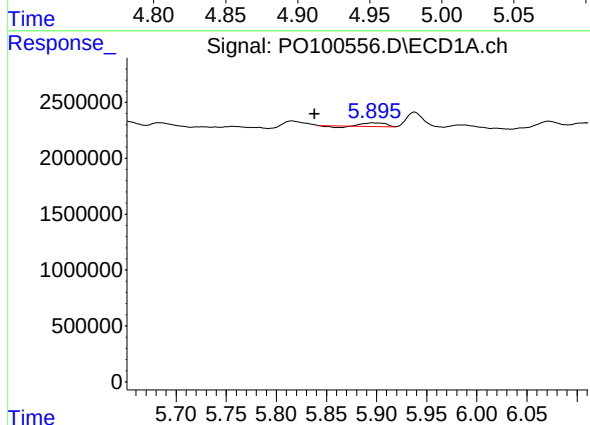
R.T.: 5.683 min
Delta R.T.: 0.009 min
Response: 744972
Conc: 25.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



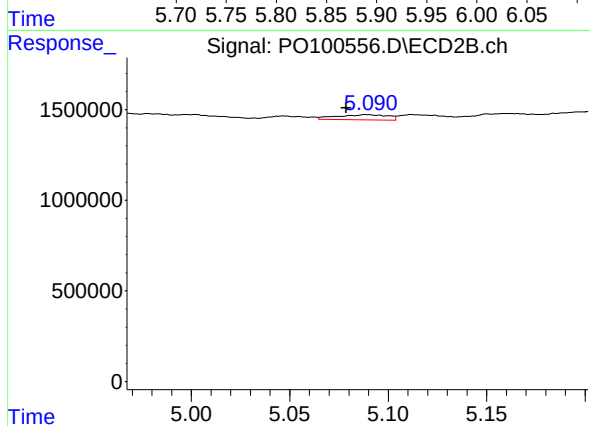
#13 AR-1232-3

R.T.: 4.945 min
Delta R.T.: -0.049 min
Response: 439275
Conc: 40.64 ng/ml



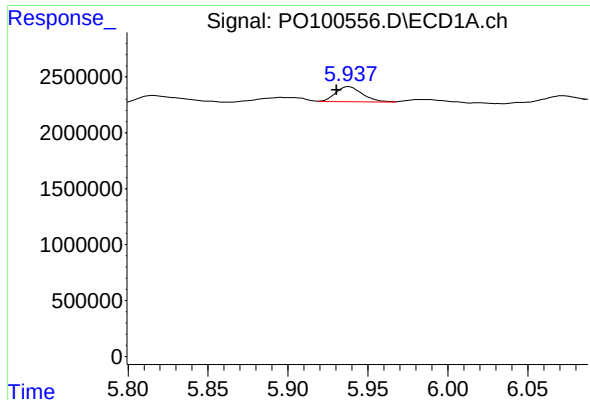
#14 AR-1232-4

R.T.: 5.896 min
Delta R.T.: 0.058 min
Response: 385174
Conc: 28.23 ng/ml



#14 AR-1232-4

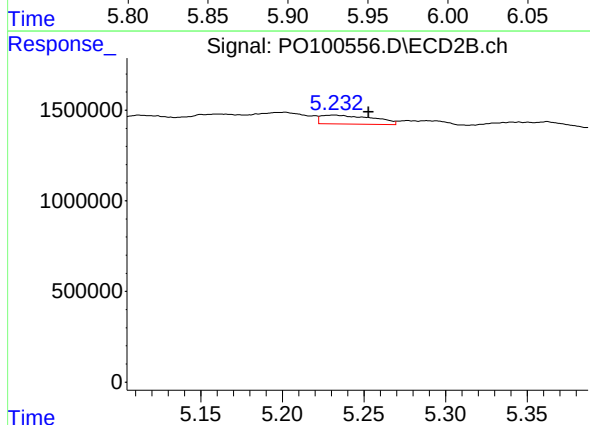
R.T.: 5.089 min
Delta R.T.: 0.011 min
Response: 489769
Conc: 47.49 ng/ml



#15 AR-1232-5

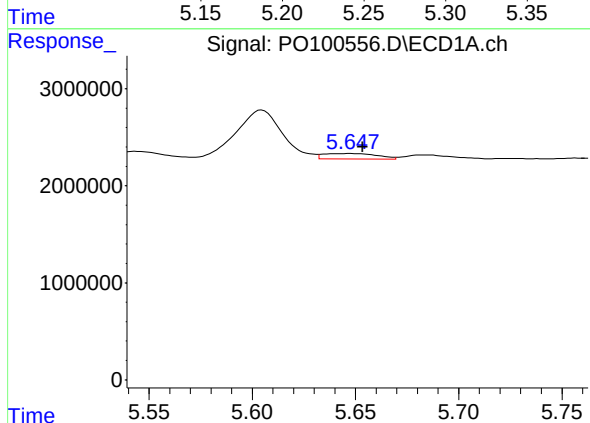
R.T.: 5.938 min
Delta R.T.: 0.008 min
Response: 1568657
Conc: 130.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



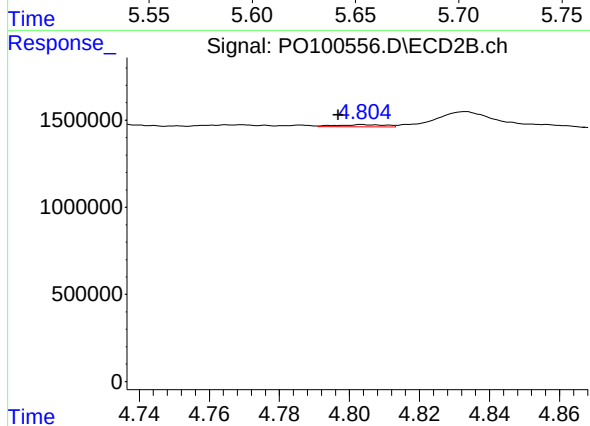
#15 AR-1232-5

R.T.: 5.232 min
Delta R.T.: -0.021 min
Response: 1080293
Conc: 97.64 ng/ml



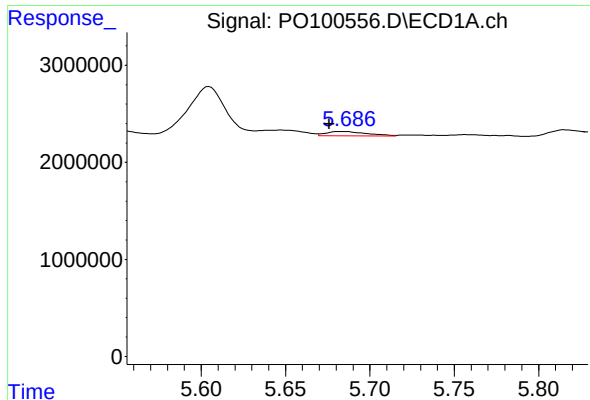
#16 AR-1242-1

R.T.: 5.648 min
Delta R.T.: -0.005 min
Response: 1027771
Conc: 27.77 ng/ml



#16 AR-1242-1

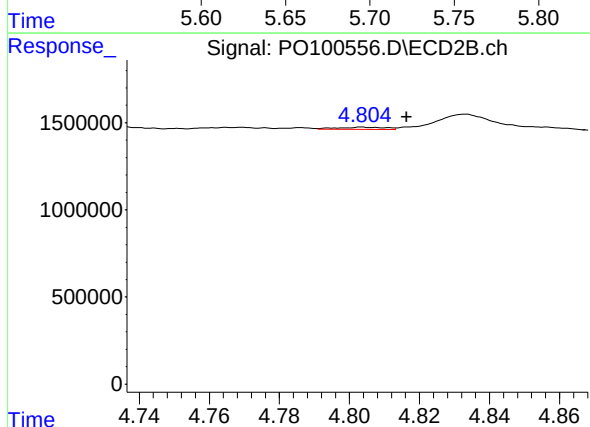
R.T.: 4.804 min
Delta R.T.: 0.007 min
Response: 127121
Conc: 4.66 ng/ml



#17 AR-1242-2

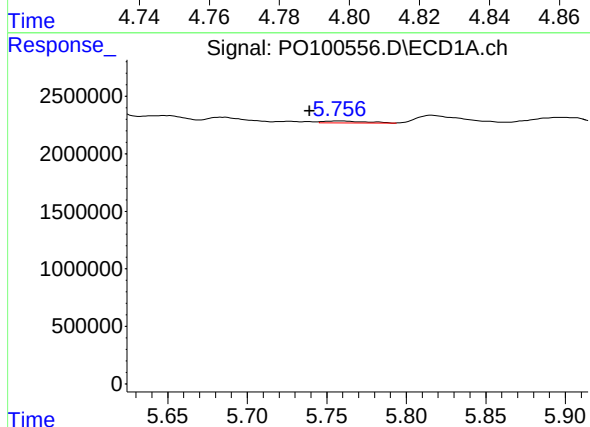
R.T.: 5.683 min
Delta R.T.: 0.008 min
Response: 744972
Conc: 13.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



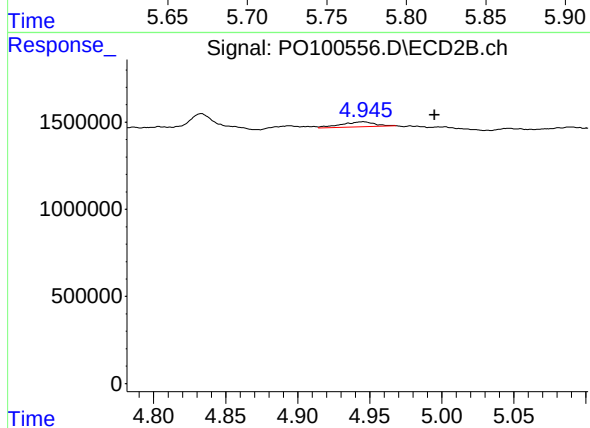
#17 AR-1242-2

R.T.: 4.804 min
Delta R.T.: -0.013 min
Response: 127121
Conc: 3.38 ng/ml



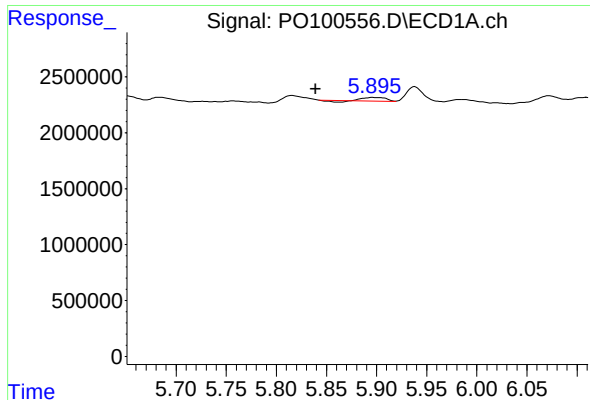
#18 AR-1242-3

R.T.: 5.757 min
Delta R.T.: 0.018 min
Response: 273660
Conc: 8.22 ng/ml



#18 AR-1242-3

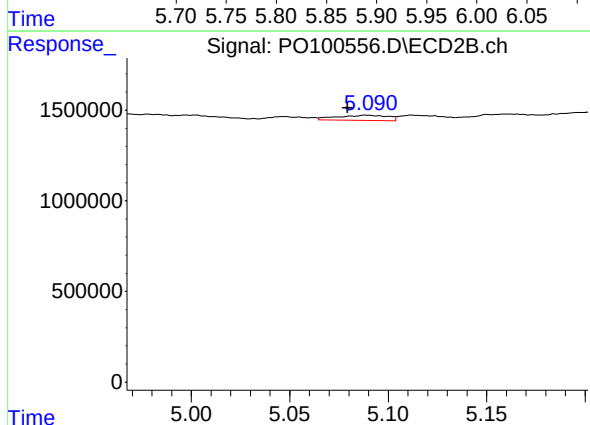
R.T.: 4.945 min
Delta R.T.: -0.050 min
Response: 439275
Conc: 22.02 ng/ml



#19 AR-1242-4

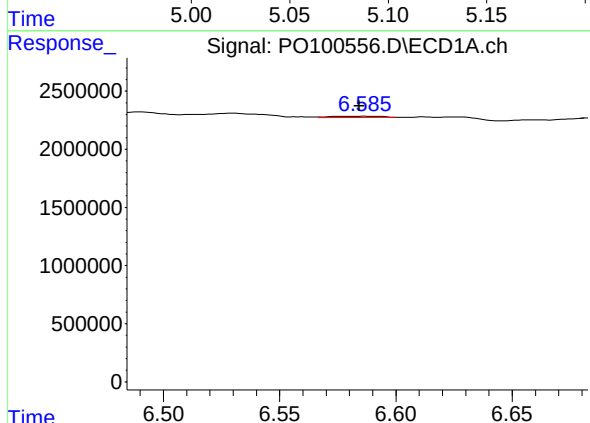
R.T.: 5.896 min
Delta R.T.: 0.057 min
Response: 385174
Conc: 14.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



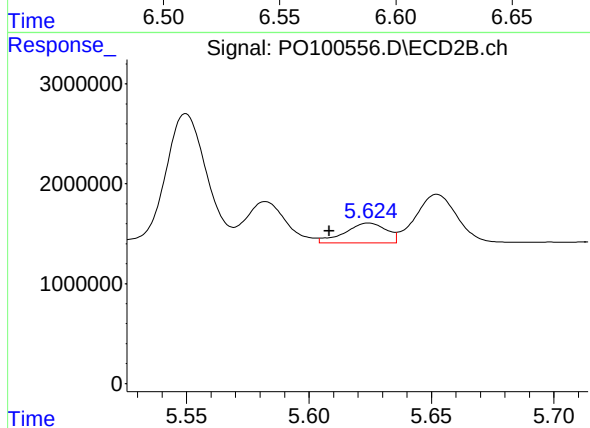
#19 AR-1242-4

R.T.: 5.089 min
Delta R.T.: 0.010 min
Response: 489769
Conc: 23.34 ng/ml



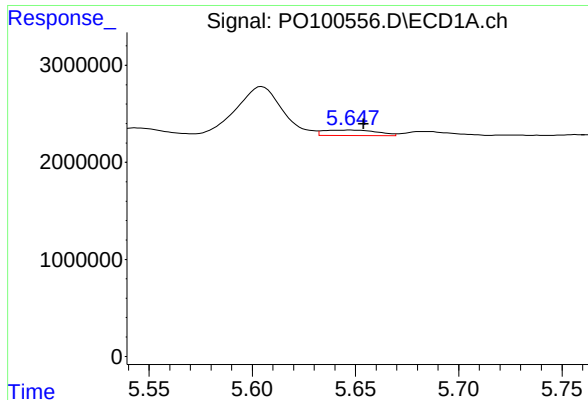
#20 AR-1242-5

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 163863
Conc: 6.66 ng/ml



#20 AR-1242-5

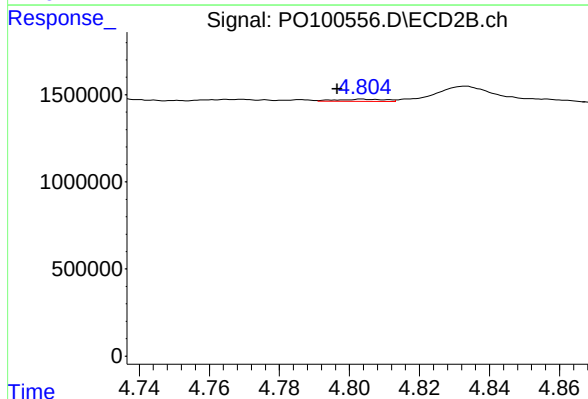
R.T.: 5.624 min
Delta R.T.: 0.016 min
Response: 2367398
Conc: 101.96 ng/ml



#21 AR-1248-1

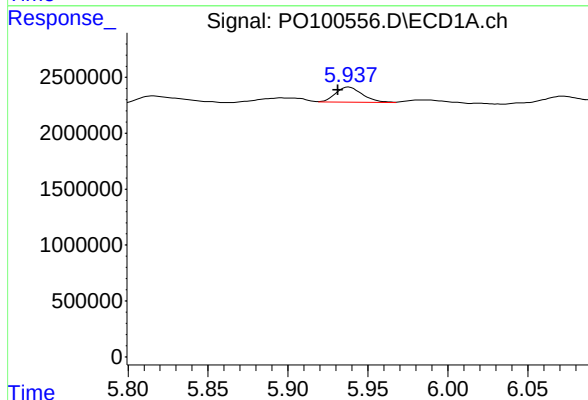
R.T.: 5.648 min
Delta R.T.: -0.006 min
Response: 1027771
Conc: 38.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



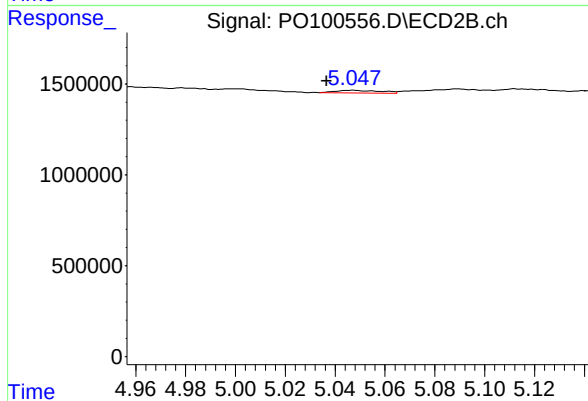
#21 AR-1248-1

R.T.: 4.804 min
Delta R.T.: 0.007 min
Response: 127121
Conc: 6.10 ng/ml



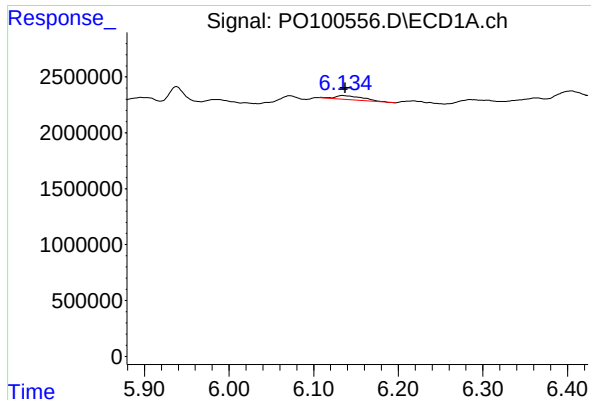
#22 AR-1248-2

R.T.: 5.938 min
Delta R.T.: 0.007 min
Response: 1568657
Conc: 34.74 ng/ml



#22 AR-1248-2

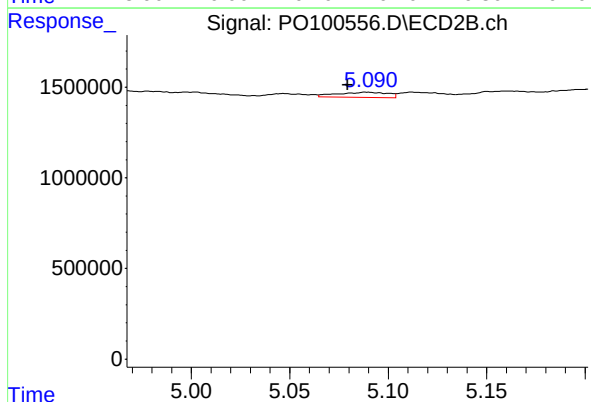
R.T.: 5.047 min
Delta R.T.: 0.010 min
Response: 191808
Conc: 6.55 ng/ml



#23 AR-1248-3

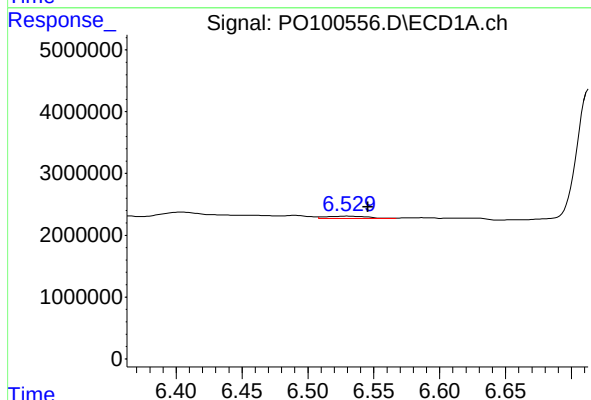
R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 815428
Conc: 16.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



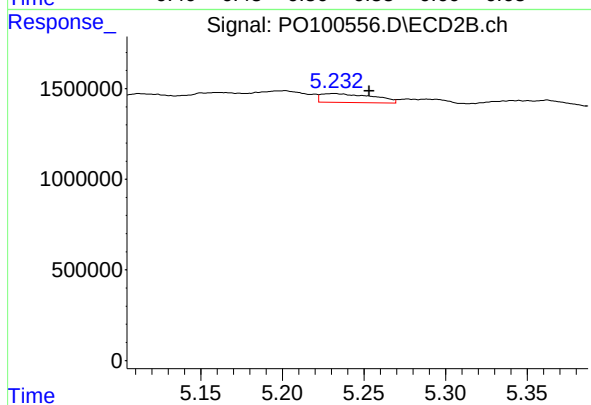
#23 AR-1248-3

R.T.: 5.089 min
Delta R.T.: 0.010 min
Response: 489769
Conc: 16.24 ng/ml



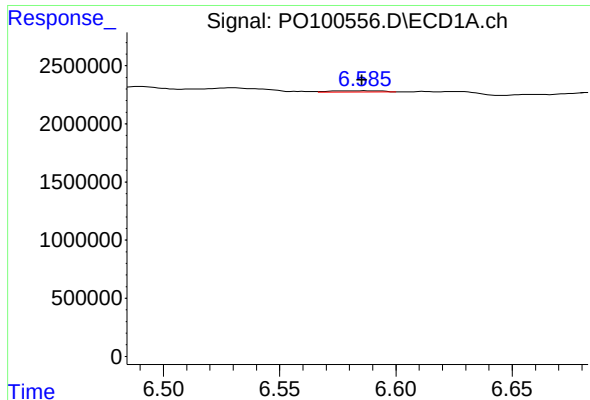
#24 AR-1248-4

R.T.: 6.530 min
Delta R.T.: -0.016 min
Response: 859305
Conc: 19.71 ng/ml



#24 AR-1248-4

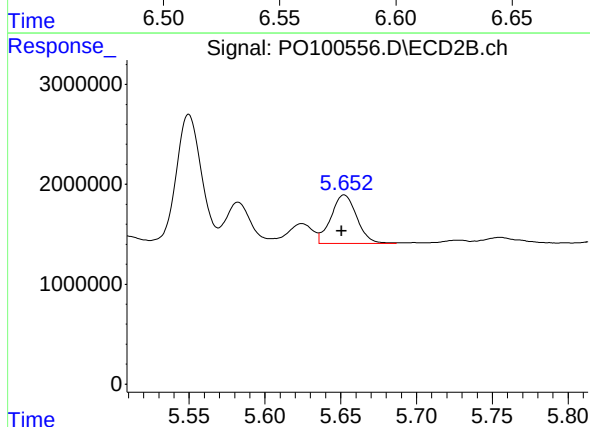
R.T.: 5.232 min
Delta R.T.: -0.021 min
Response: 1080293
Conc: 31.32 ng/ml



#25 AR-1248-5

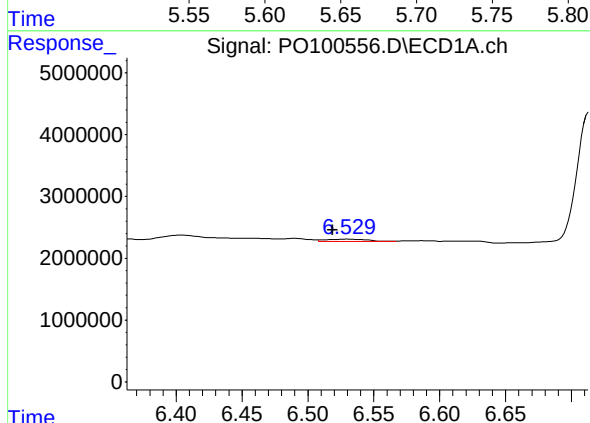
R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 163863
Conc: 3.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



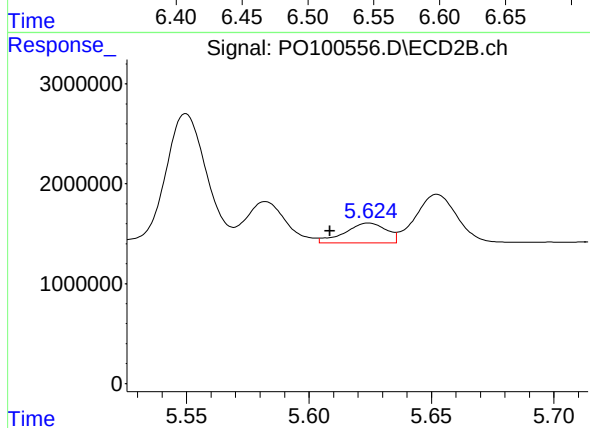
#25 AR-1248-5

R.T.: 5.652 min
Delta R.T.: 0.002 min
Response: 5738674
Conc: 194.87 ng/ml



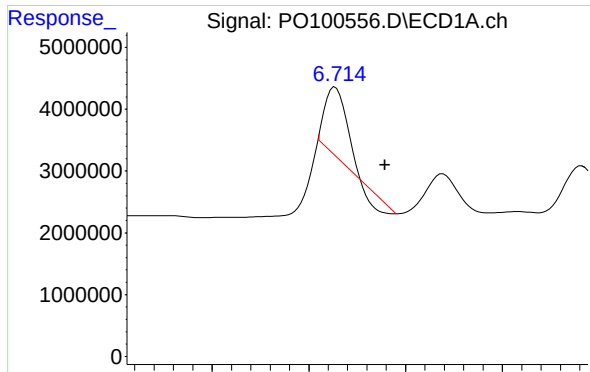
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: 0.011 min
Response: 859305
Conc: 15.67 ng/ml



#26 AR-1254-1

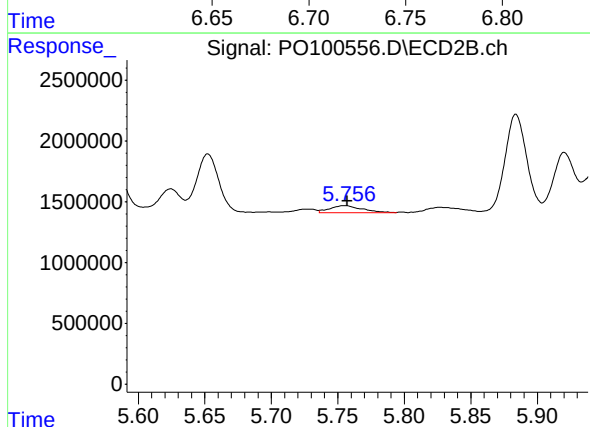
R.T.: 5.624 min
Delta R.T.: 0.016 min
Response: 2367398
Conc: 47.07 ng/ml



#27 AR-1254-2

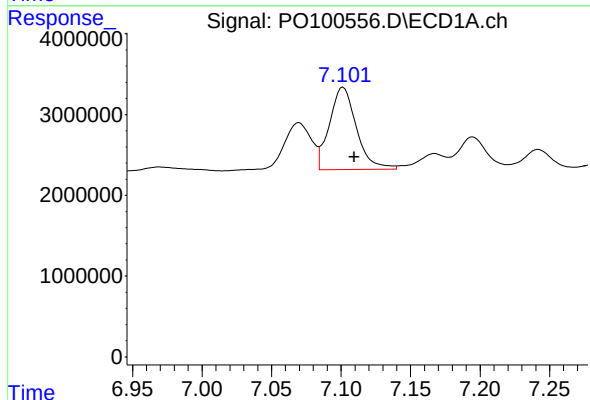
R.T.: 6.714 min
Delta R.T.: -0.026 min
Response: 7353993
Conc: 91.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



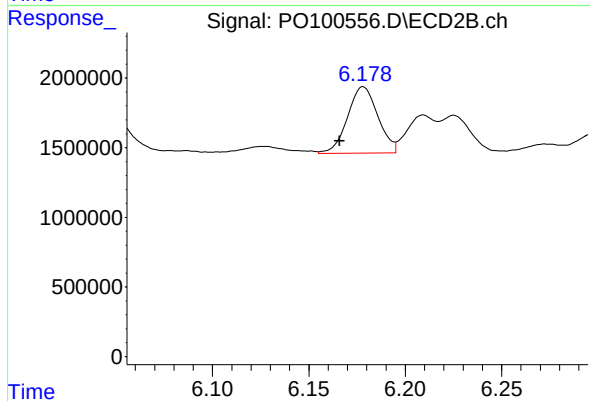
#27 AR-1254-2

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 970250
Conc: 21.09 ng/ml



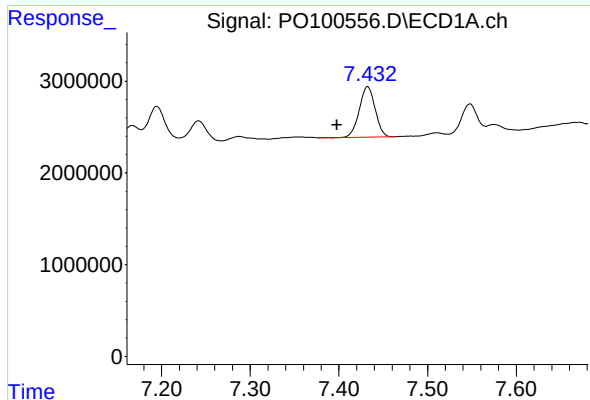
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: -0.008 min
Response: 13817471
Conc: 180.74 ng/ml



#28 AR-1254-3

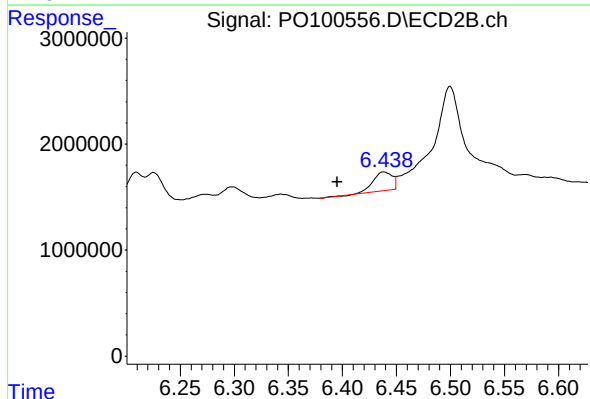
R.T.: 6.178 min
Delta R.T.: 0.012 min
Response: 5232102
Conc: 69.22 ng/ml



#29 AR-1254-4

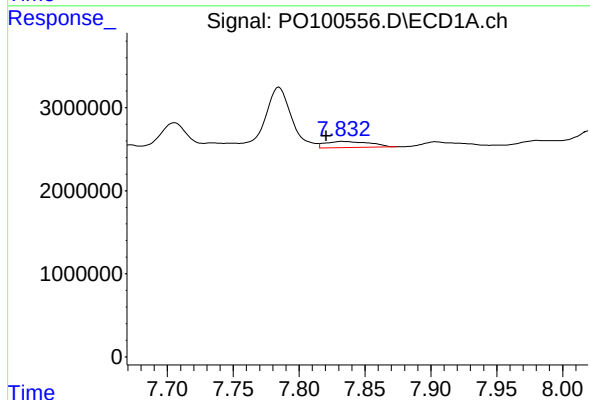
R.T.: 7.433 min
Delta R.T.: 0.035 min
Response: 6853095
Conc: 158.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



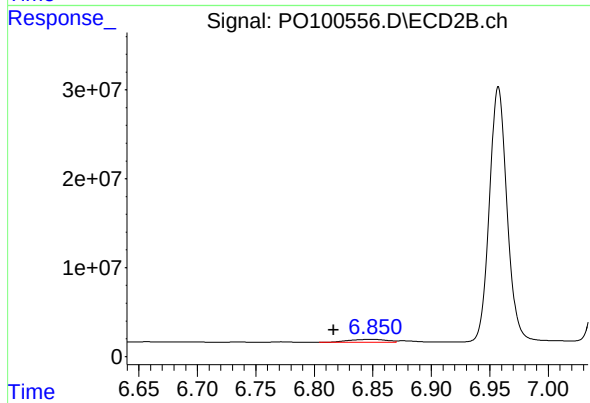
#29 AR-1254-4

R.T.: 6.438 min
Delta R.T.: 0.043 min
Response: 2170289
Conc: 51.40 ng/ml



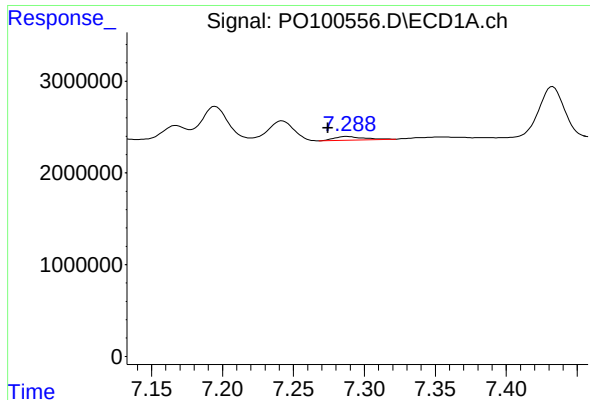
#30 AR-1254-5

R.T.: 7.833 min
Delta R.T.: 0.013 min
Response: 1748551
Conc: 31.55 ng/ml



#30 AR-1254-5

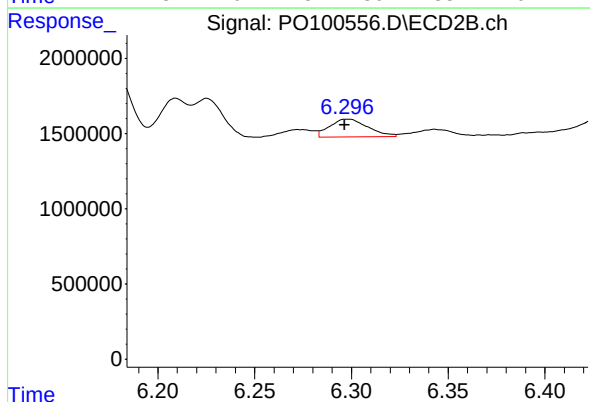
R.T.: 6.850 min
Delta R.T.: 0.033 min
Response: 7261074
Conc: 99.03 ng/ml



#31 AR-1260-1

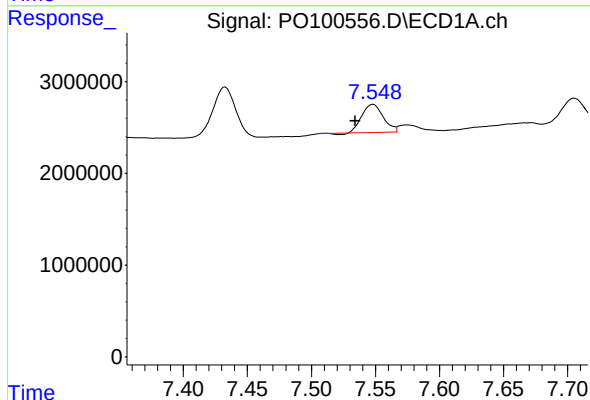
R.T.: 7.288 min
Delta R.T.: 0.014 min
Response: 586762
Conc: 9.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



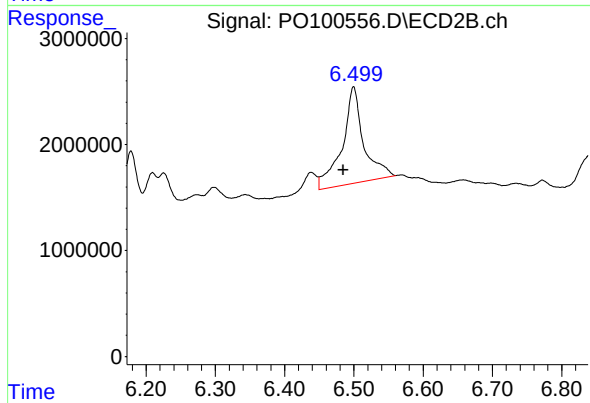
#31 AR-1260-1

R.T.: 6.298 min
Delta R.T.: 0.002 min
Response: 1615685
Conc: 26.78 ng/ml



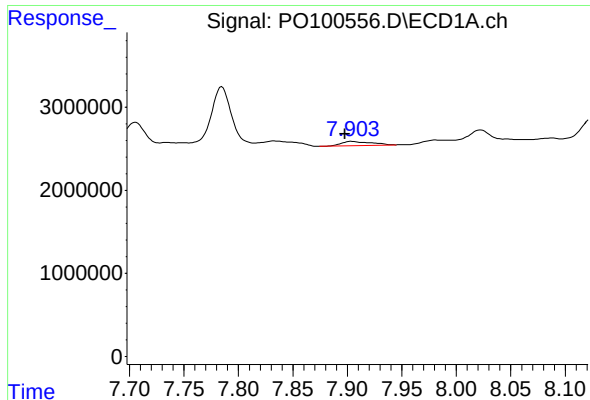
#32 AR-1260-2

R.T.: 7.548 min
Delta R.T.: 0.014 min
Response: 3498898
Conc: 49.53 ng/ml



#32 AR-1260-2

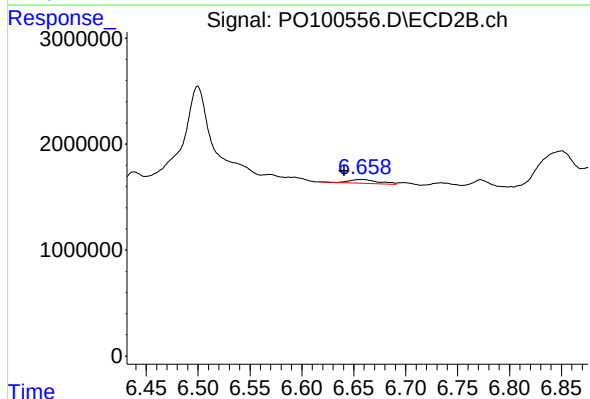
R.T.: 6.500 min
Delta R.T.: 0.015 min
Response: 19633655
Conc: 274.73 ng/ml



#33 AR-1260-3

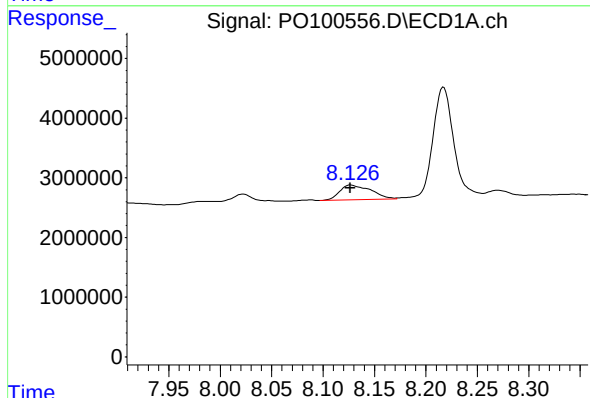
R.T.: 7.904 min
Delta R.T.: 0.006 min
Response: 982219
Conc: 17.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



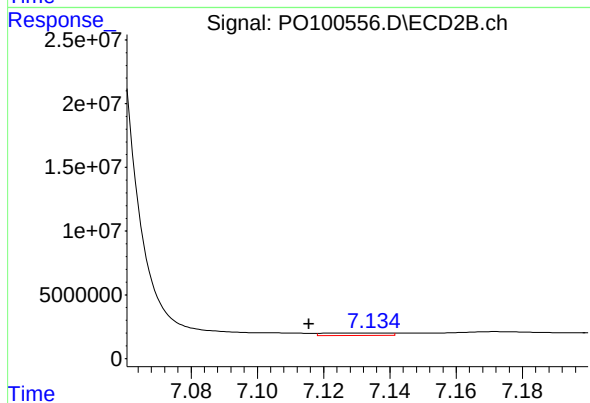
#33 AR-1260-3

R.T.: 6.658 min
Delta R.T.: 0.017 min
Response: 695206
Conc: 9.91 ng/ml



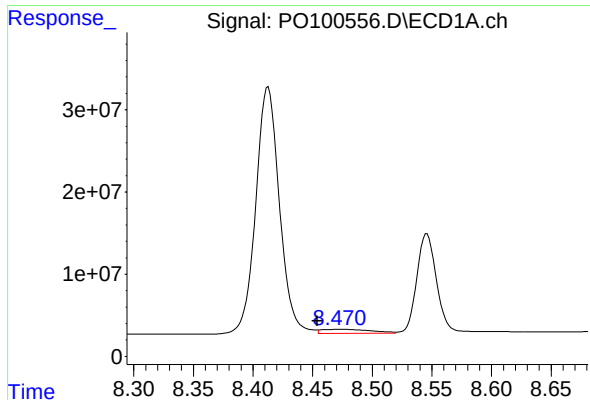
#34 AR-1260-4

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 5216179
Conc: 85.05 ng/ml



#34 AR-1260-4

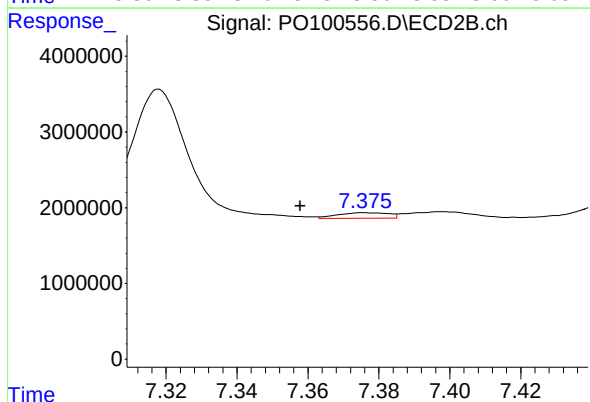
R.T.: 7.135 min
Delta R.T.: 0.020 min
Response: 2668506
Conc: 44.17 ng/ml



#35 AR-1260-5

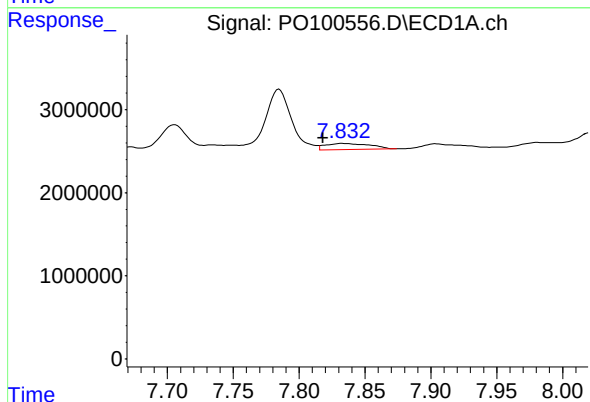
R.T.: 8.472 min
Delta R.T.: 0.018 min
Response: 14149119
Conc: 124.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



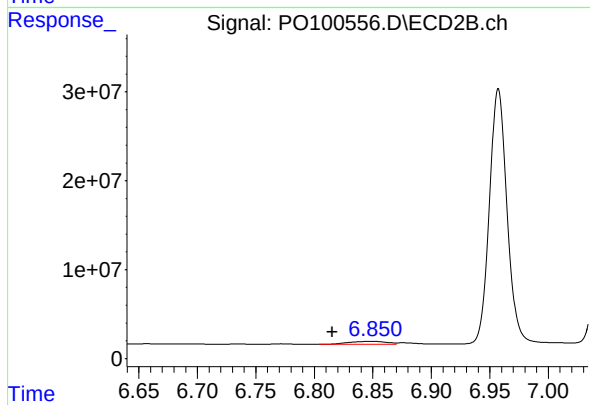
#35 AR-1260-5

R.T.: 7.376 min
Delta R.T.: 0.018 min
Response: 720219
Conc: 5.50 ng/ml



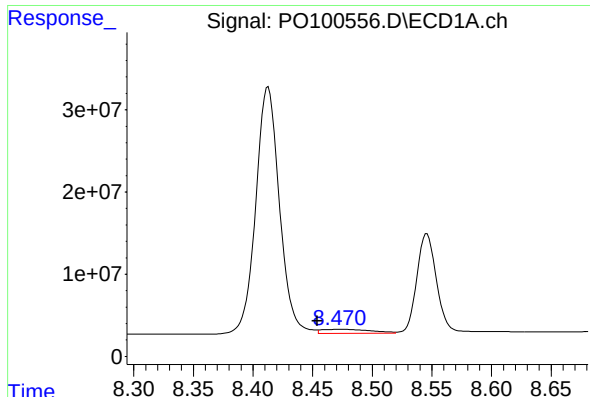
#36 AR-1262-1

R.T.: 7.833 min
Delta R.T.: 0.015 min
Response: 1748551
Conc: 37.42 ng/ml



#36 AR-1262-1

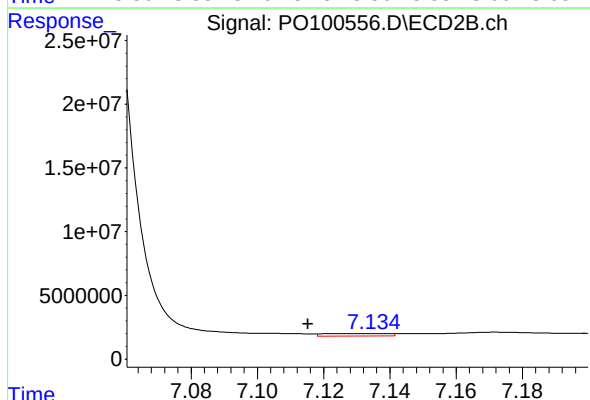
R.T.: 6.850 min
Delta R.T.: 0.034 min
Response: 7261074
Conc: 188.37 ng/ml



#37 AR-1262-2

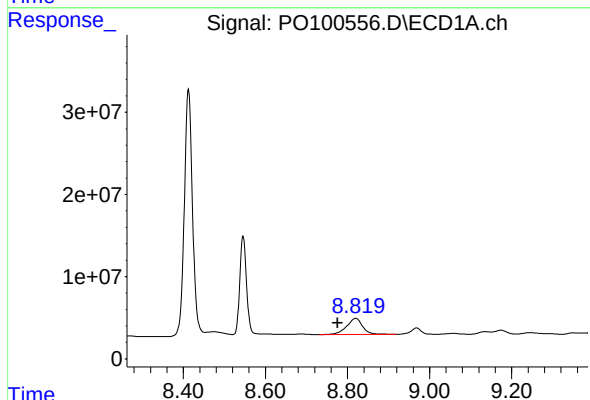
R.T.: 8.472 min
Delta R.T.: 0.017 min
Response: 14149119
Conc: 119.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



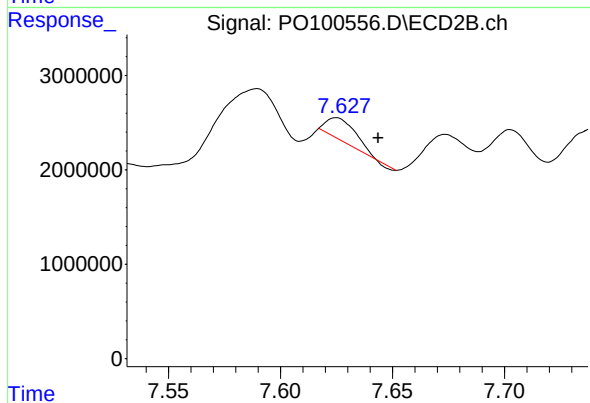
#37 AR-1262-2

R.T.: 7.135 min
Delta R.T.: 0.020 min
Response: 2668506
Conc: 34.28 ng/ml



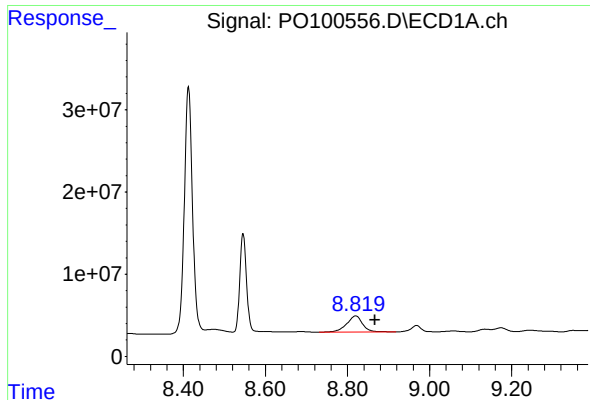
#38 AR-1262-3

R.T.: 8.820 min
Delta R.T.: 0.044 min
Response: 53363862
Conc: 641.01 ng/ml



#38 AR-1262-3

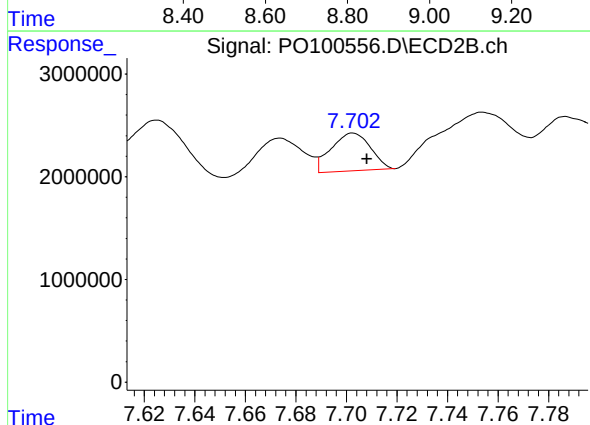
R.T.: 7.625 min
Delta R.T.: -0.019 min
Response: 2055497
Conc: 35.83 ng/ml



#39 AR-1262-4

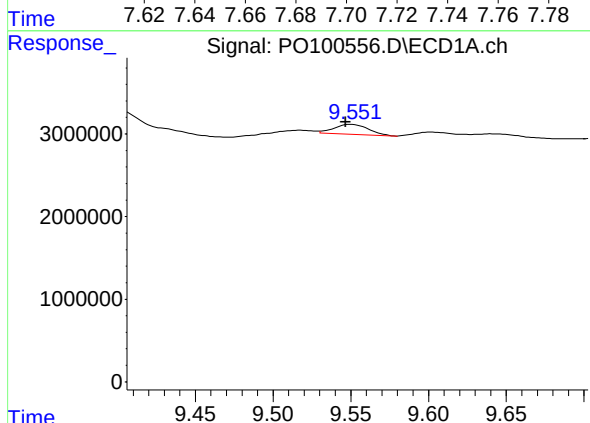
R.T.: 8.820 min
Delta R.T.: -0.047 min
Response: 53363862
Conc: 813.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



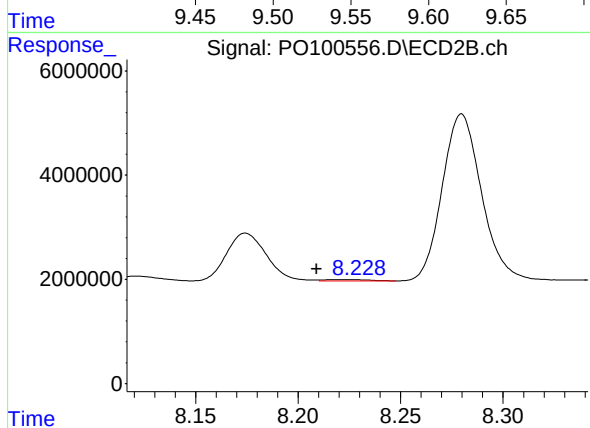
#39 AR-1262-4

R.T.: 7.703 min
Delta R.T.: -0.006 min
Response: 3973175
Conc: 36.30 ng/ml



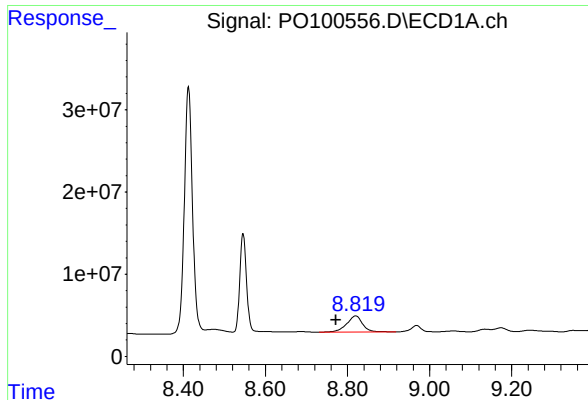
#40 AR-1262-5

R.T.: 9.550 min
Delta R.T.: 0.004 min
Response: 1844109
Conc: 47.25 ng/ml



#40 AR-1262-5

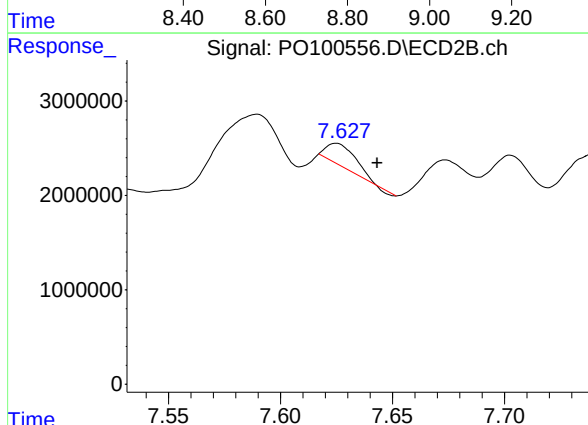
R.T.: 8.228 min
Delta R.T.: 0.019 min
Response: 367438
Conc: 7.90 ng/ml



#41 AR-1268-1

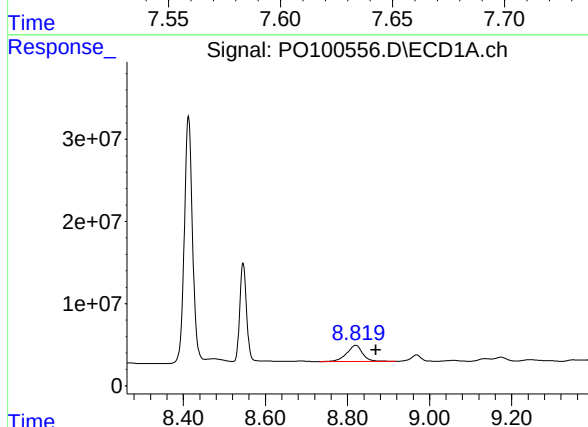
R.T.: 8.820 min
Delta R.T.: 0.048 min
Response: 53363862
Conc: 349.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



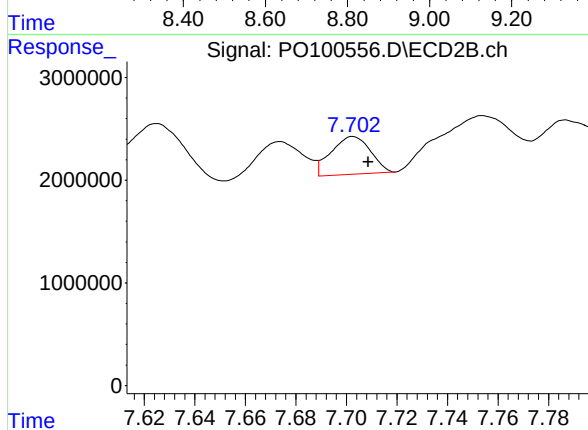
#41 AR-1268-1

R.T.: 7.625 min
Delta R.T.: -0.018 min
Response: 2055497
Conc: 11.64 ng/ml



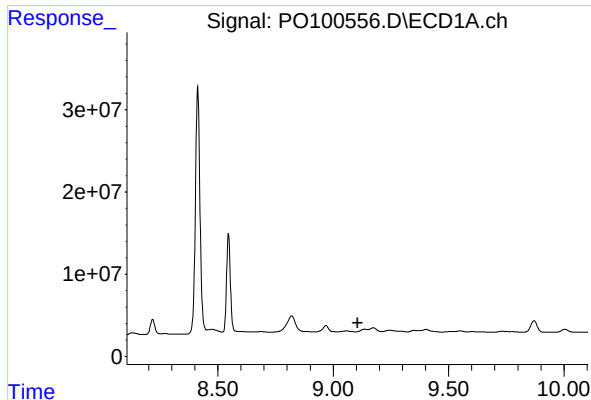
#42 AR-1268-2

R.T.: 8.820 min
Delta R.T.: -0.050 min
Response: 53363862
Conc: 399.50 ng/ml



#42 AR-1268-2

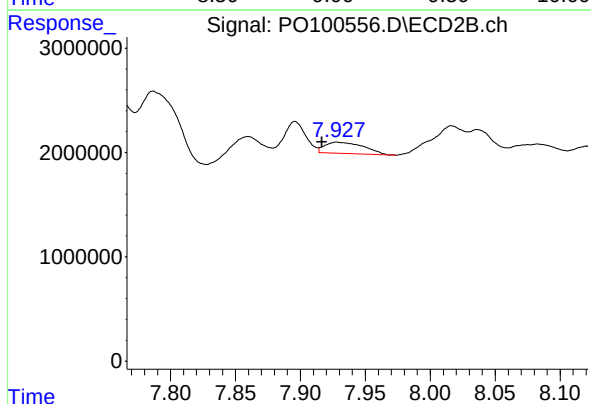
R.T.: 7.703 min
Delta R.T.: -0.006 min
Response: 3973175
Conc: 24.66 ng/ml



#43 AR-1268-3

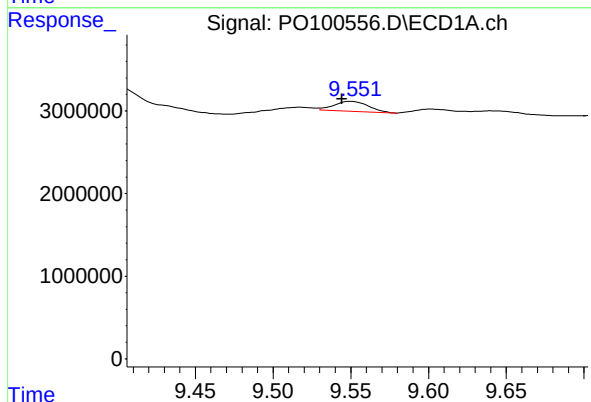
R.T.: 9.135 min
Delta R.T.: 0.030 min
Response: -1371155
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



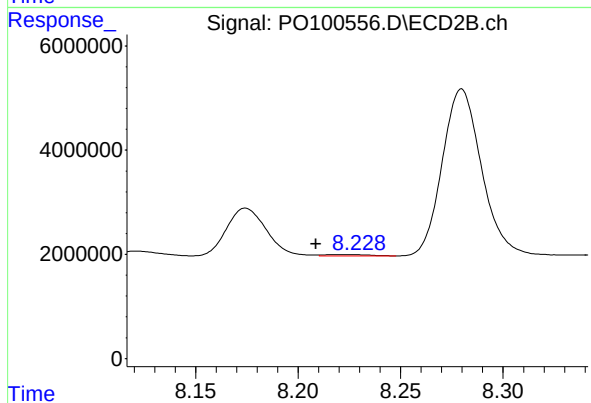
#43 AR-1268-3

R.T.: 7.928 min
Delta R.T.: 0.012 min
Response: 2246389
Conc: 14.90 ng/ml



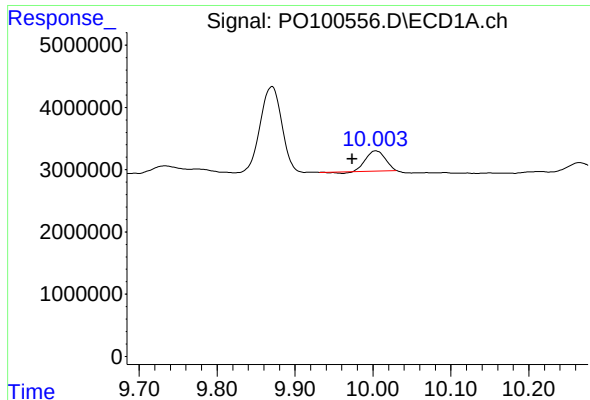
#44 AR-1268-4

R.T.: 9.550 min
Delta R.T.: 0.006 min
Response: 1844109
Conc: 43.27 ng/ml



#44 AR-1268-4

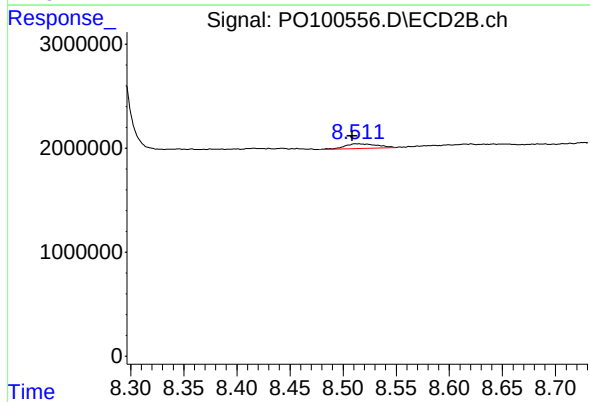
R.T.: 8.228 min
Delta R.T.: 0.019 min
Response: 367438
Conc: 6.96 ng/ml



#45 AR-1268-5

R.T.: 10.004 min
Delta R.T.: 0.030 min
Response: 5408647
Conc: 15.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.512 min
Delta R.T.: 0.004 min
Response: 910068
Conc: 2.17 ng/ml