

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080823\
 Data File : P0096758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2023 12:44
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 01:24:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.409	3.621	167.7E6	68375757	50.655	51.651
2) SA Decachlor...	10.351	8.644	117.8E6	60445144	53.841	52.246
Target Compounds						
3) L1 AR-1016-1	5.594	4.707	1335738	698818	14.182	15.762
4) L1 AR-1016-2	5.618	4.725	1613597	544293	12.062	8.898 #
5) L1 AR-1016-3	5.681	4.903	714908	376443	8.215	11.523 #
6) L1 AR-1016-4	5.779	4.945	762417	16014829	11.350	560.226 #
7) L1 AR-1016-5	6.081	5.158	18768074	9530351	268.818	247.886
8) L2 AR-1221-1	4.597	0.000	241374	0	5.923	N.D. #
9) L2 AR-1221-2	4.719	3.920	2411881	889822	79.391	68.868
10) L2 AR-1221-3	4.784	3.996	494671	210875	5.651	5.313
11) L3 AR-1232-1	4.784	3.996	494671	210875	6.782	6.519
12) L3 AR-1232-2	5.322	4.725	870969	544293	21.969	18.865
13) L3 AR-1232-3	5.618	4.903	1613597	376443	26.378	24.828
14) L3 AR-1232-4	5.779	4.985	762417	4862547	24.986	325.370 #
15) L3 AR-1232-5	5.873	5.158	33305336	9530351	1190.191	583.011 #
16) L4 AR-1242-1	5.594	4.707	1335738	698818	15.936	17.725
17) L4 AR-1242-2	5.618	4.725	1613597	544293	13.702	9.989 #
18) L4 AR-1242-3	5.681	4.903	714908	376443	9.678	12.731 #
19) L4 AR-1242-4	5.779	4.985	762417	4862547	12.807	154.299 #
20) L4 AR-1242-5	6.537	5.511	15364428	35907607	279.253	985.493 #
21) L5 AR-1248-1	5.594	4.707	1335738	698818	22.796	24.902
22) L5 AR-1248-2	5.873	4.945	33305336	16014829	354.246	377.878
23) L5 AR-1248-3	6.081	4.985	18768074	4862547	191.885	110.852 #
24) L5 AR-1248-4	6.494	5.158	22481651	9530351	247.477	186.687
25) L5 AR-1248-5	6.537	5.552	15364428	4349652	174.425	93.037 #
26) L6 AR-1254-1	6.467	5.511	52953916	35907607	484.524	486.578
27) L6 AR-1254-2	6.692	5.660	76512891	31728876	474.565	481.614
28) L6 AR-1254-3	7.068	6.065	74284178	49096427	474.063	485.802
29) L6 AR-1254-4	7.361	6.294	48992832	28543132	485.953	493.187
30) L6 AR-1254-5	7.792	6.714	54954024	42731598	489.723	486.055
31) L7 AR-1260-1	7.236	6.196	32496894	24672768	258.552	350.625 #
32) L7 AR-1260-2	7.500	6.385	32547334	19392395	241.565	232.347
33) L7 AR-1260-3	7.855	6.537	8853090	20027887	85.311	259.363 #
34) L7 AR-1260-4	8.089	7.011	21475671	2274615	192.084	35.495 #
35) L7 AR-1260-5	8.436	7.255	7730098	5124232	36.814	36.962
36) L8 AR-1262-1	7.855	6.803	8853090	1305026	59.606	33.149 #
37) L8 AR-1262-2	8.436	7.011	7730098	2274615	33.396	28.045
38) L8 AR-1262-3	8.781	7.537	6322913	236002	37.907	3.678 #
39) L8 AR-1262-4	8.833	7.601	1141983	4996071	15.664	43.979 #
40) L8 AR-1262-5	9.548	8.099	460269	173256	5.527	3.299 #
41) L9 AR-1268-1	8.781	7.537	6322913	236002	20.569	1.274 #

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 Quant Title : GC EXTRACTABLES
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 Integrator: ChemStation

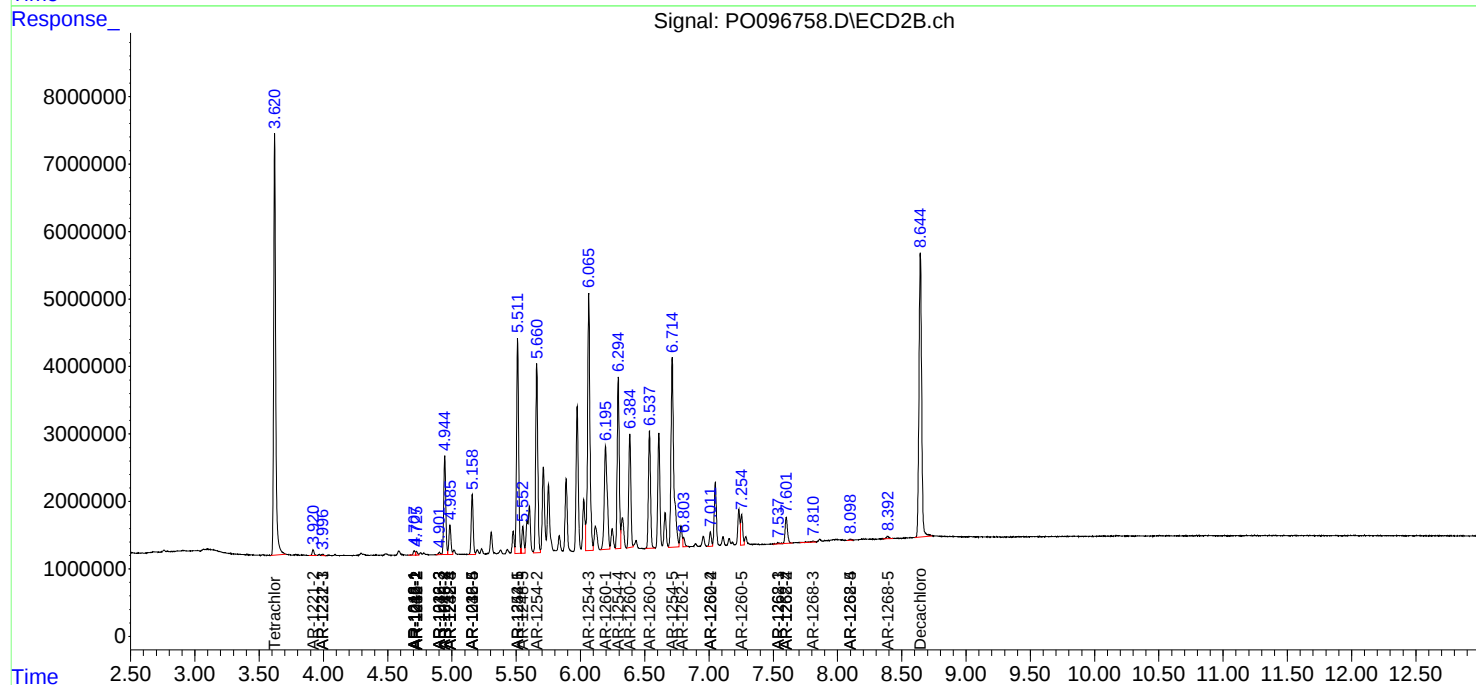
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

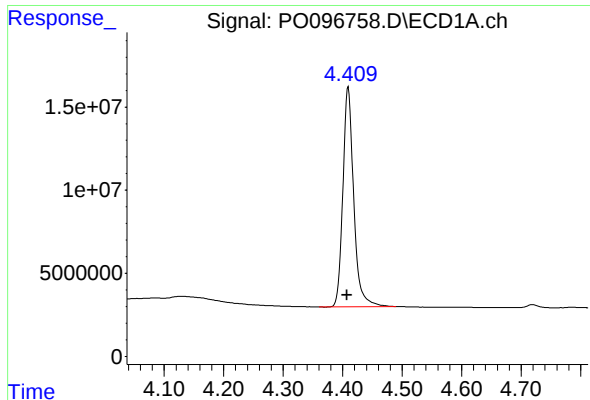
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.833	7.601	1141983	4996071	4.165	29.794 #
43) L9	AR-1268-3	9.110	7.811	465689	237816	1.823	1.646
44) L9	AR-1268-4	9.548	8.099	460269	173256	4.964	2.908 #
45) L9	AR-1268-5	9.992	8.391	840584	485516	1.041	1.167

(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

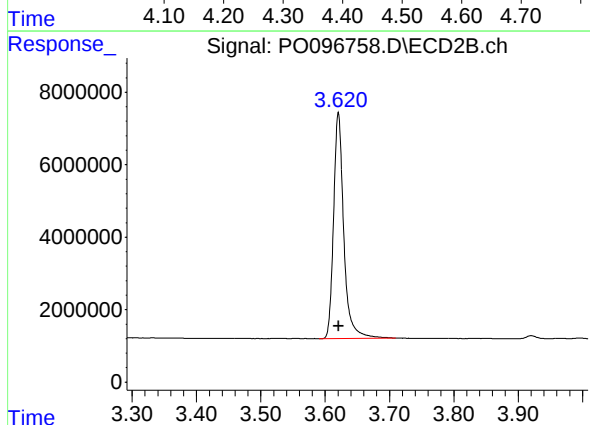




#1 Tetrachloro-m-xylene

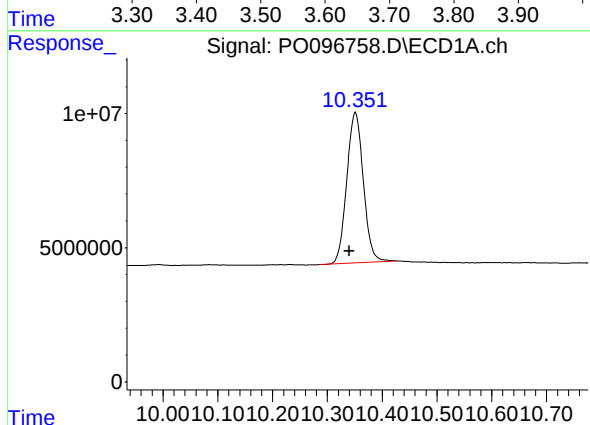
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 167677663
Conc: 50.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



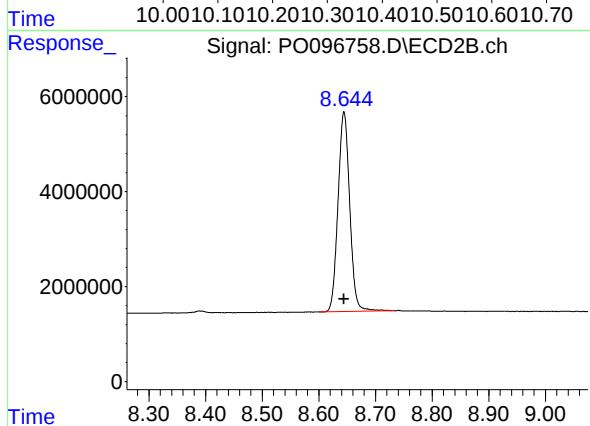
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 68375757
Conc: 51.65 ng/ml



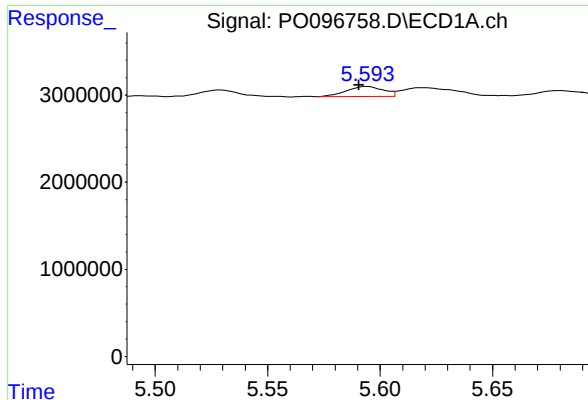
#2 Decachlorobiphenyl

R.T.: 10.351 min
Delta R.T.: 0.012 min
Response: 117813242
Conc: 53.84 ng/ml



#2 Decachlorobiphenyl

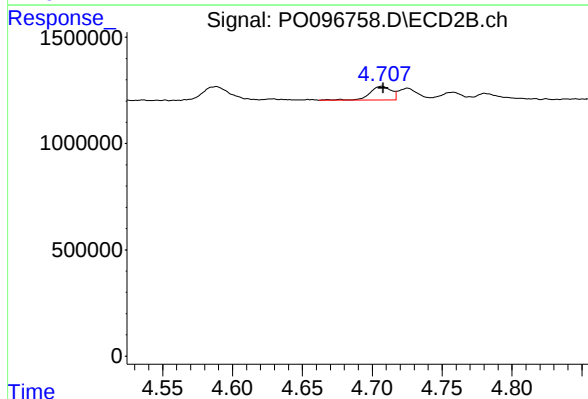
R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 60445144
Conc: 52.25 ng/ml



#3 AR-1016-1

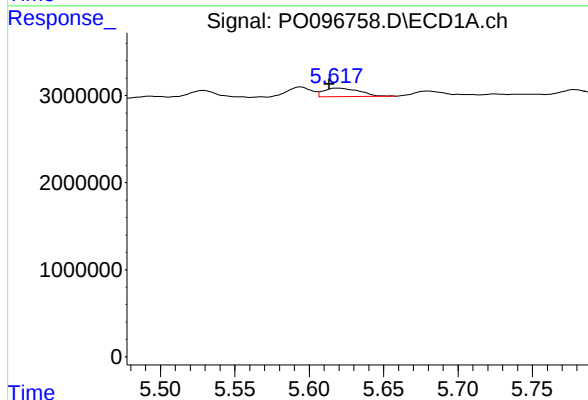
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 1335738
Conc: 14.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



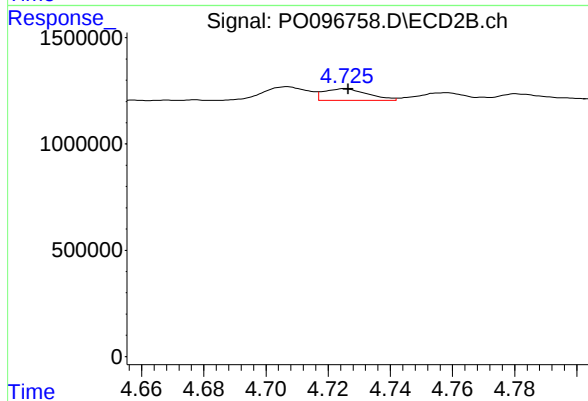
#3 AR-1016-1

R.T.: 4.707 min
Delta R.T.: -0.001 min
Response: 698818
Conc: 15.76 ng/ml



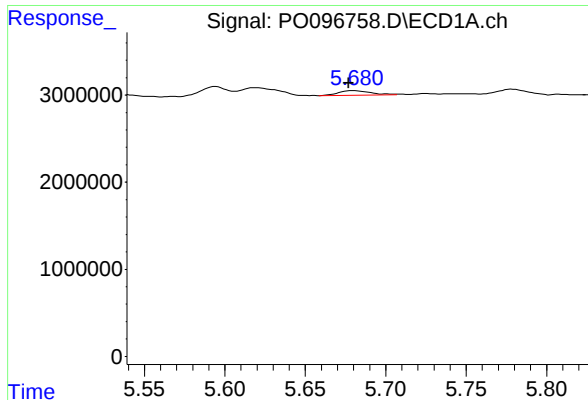
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 1613597
Conc: 12.06 ng/ml



#4 AR-1016-2

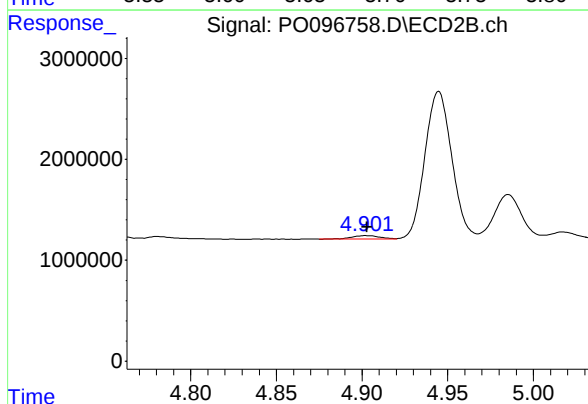
R.T.: 4.725 min
Delta R.T.: -0.001 min
Response: 544293
Conc: 8.90 ng/ml



#5 AR-1016-3

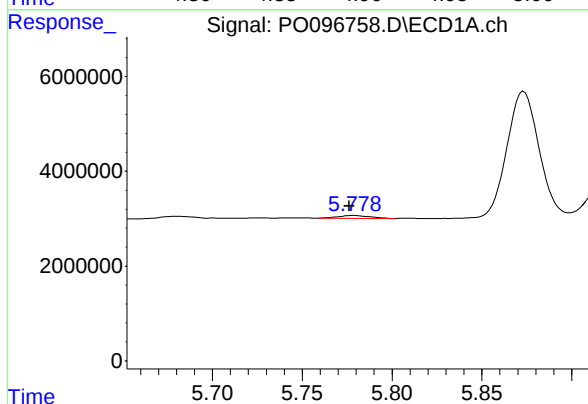
R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 714908
Conc: 8.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



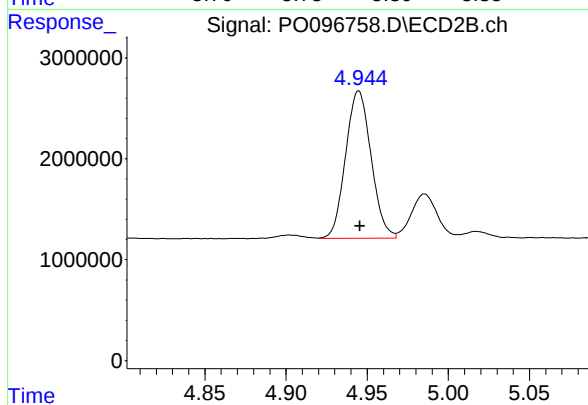
#5 AR-1016-3

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 376443
Conc: 11.52 ng/ml



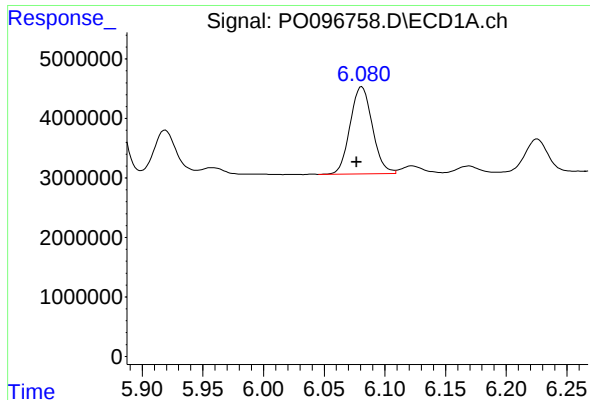
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 762417
Conc: 11.35 ng/ml



#6 AR-1016-4

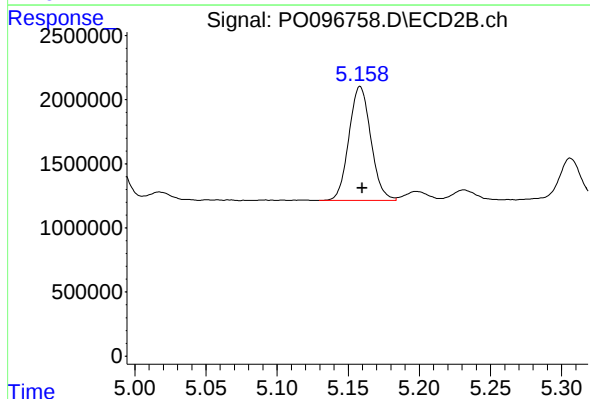
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 16014829
Conc: 560.23 ng/ml



#7 AR-1016-5

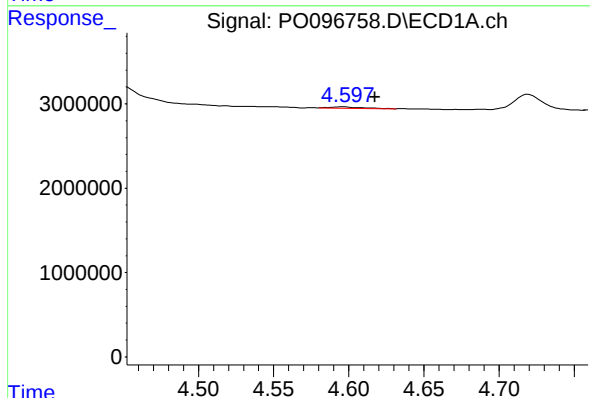
R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 18768074
Conc: 268.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



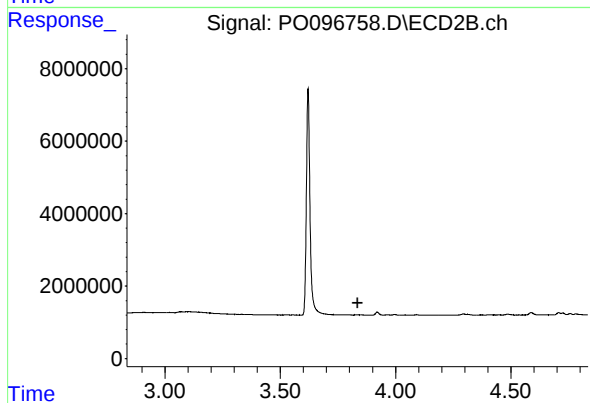
#7 AR-1016-5

R.T.: 5.158 min
Delta R.T.: -0.001 min
Response: 9530351
Conc: 247.89 ng/ml



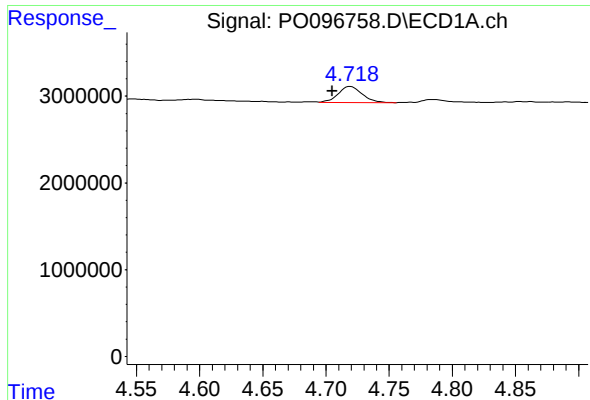
#8 AR-1221-1

R.T.: 4.597 min
Delta R.T.: -0.021 min
Response: 241374
Conc: 5.92 ng/ml



#8 AR-1221-1

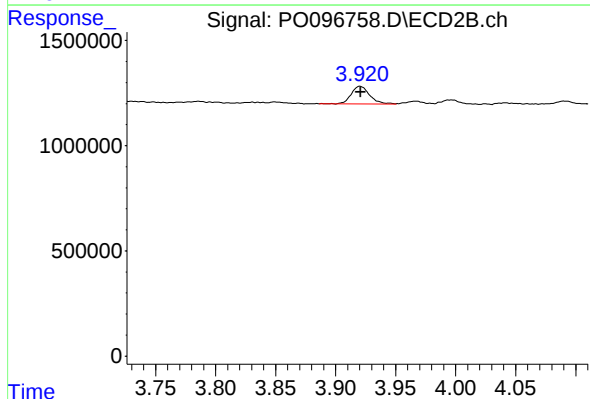
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

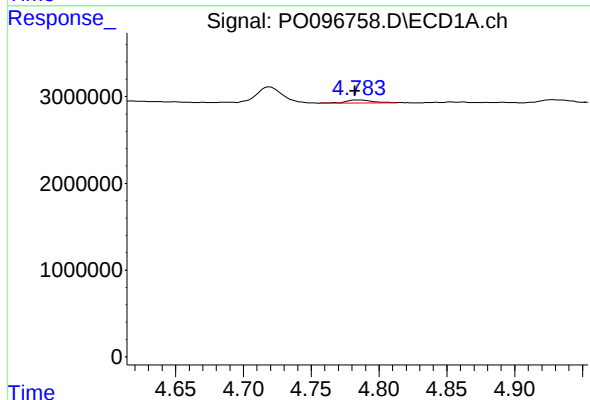
R.T.: 4.719 min
Delta R.T.: 0.014 min
Response: 2411881
Conc: 79.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



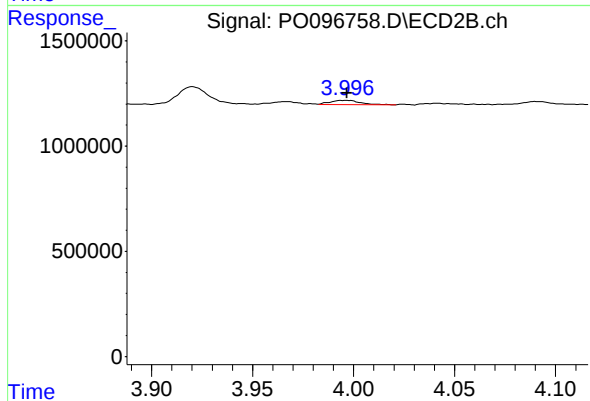
#9 AR-1221-2

R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 889822
Conc: 68.87 ng/ml



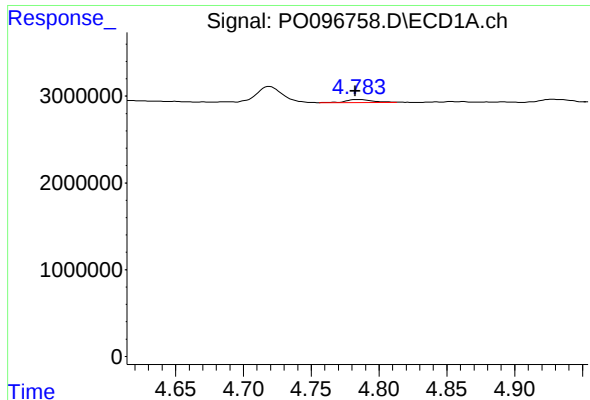
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 494671
Conc: 5.65 ng/ml



#10 AR-1221-3

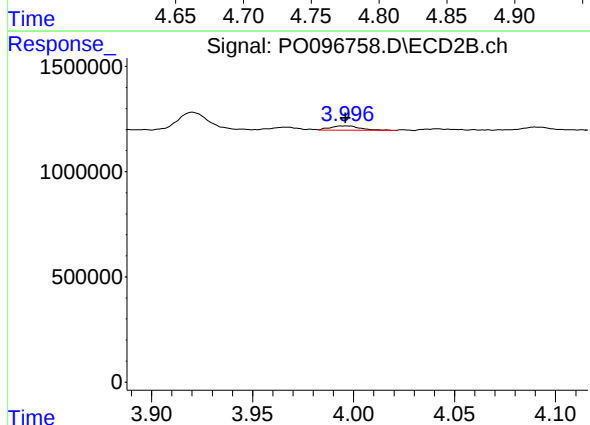
R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 210875
Conc: 5.31 ng/ml



#11 AR-1232-1

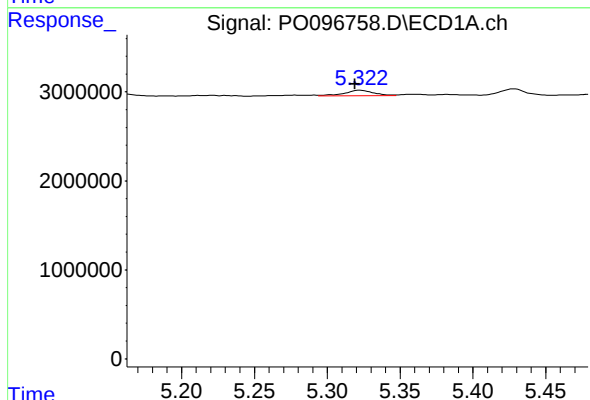
R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 494671
Conc: 6.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



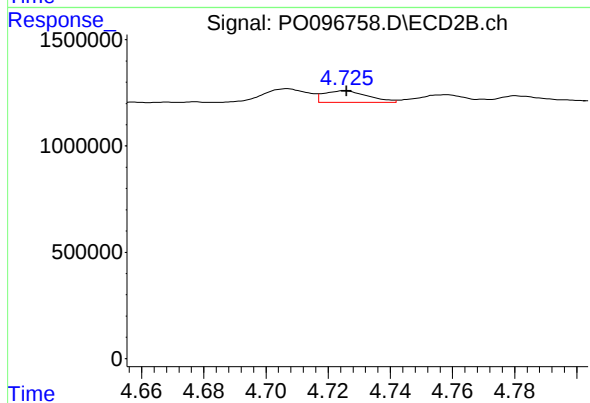
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 210875
Conc: 6.52 ng/ml



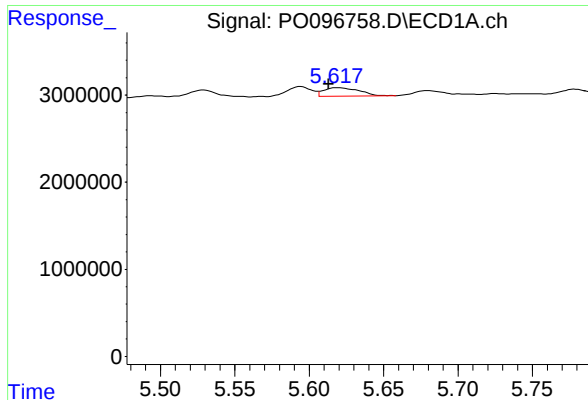
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.003 min
Response: 870969
Conc: 21.97 ng/ml



#12 AR-1232-2

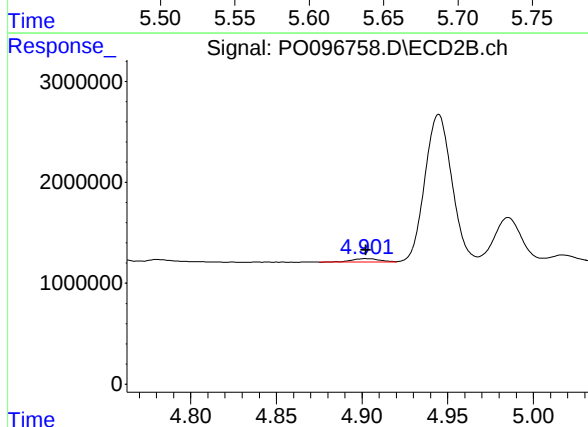
R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 544293
Conc: 18.86 ng/ml



#13 AR-1232-3

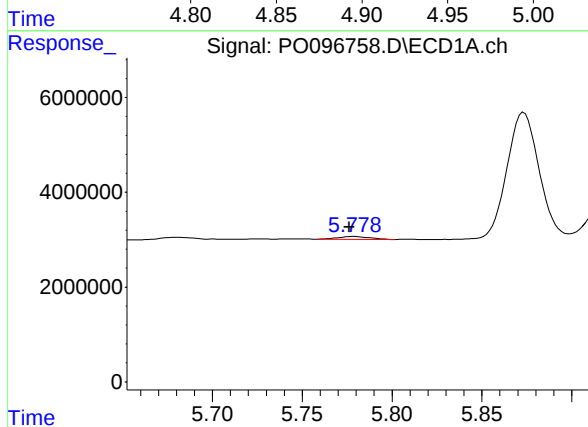
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 1613597
Conc: 26.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



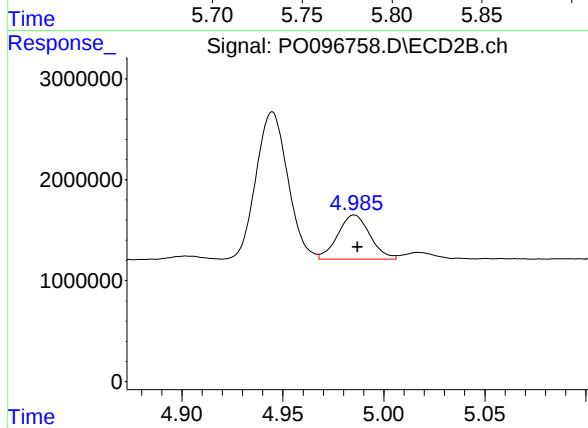
#13 AR-1232-3

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 376443
Conc: 24.83 ng/ml



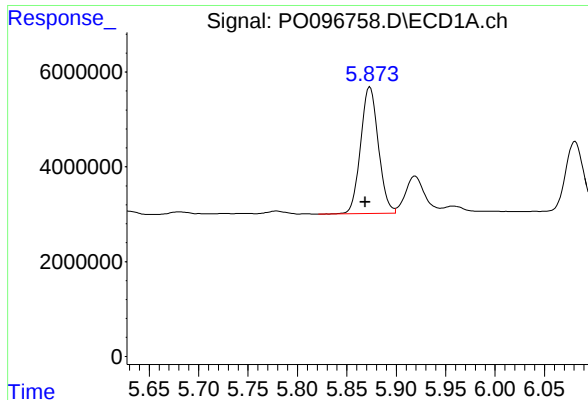
#14 AR-1232-4

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 762417
Conc: 24.99 ng/ml



#14 AR-1232-4

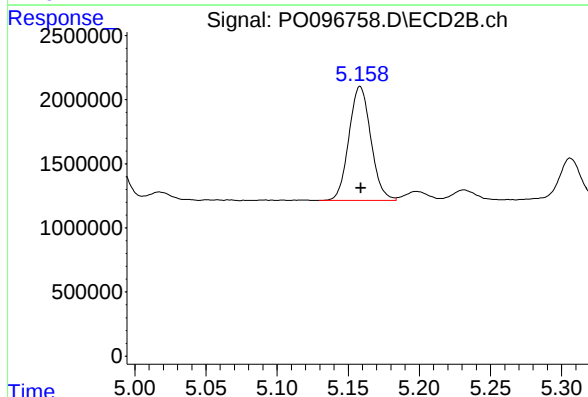
R.T.: 4.985 min
Delta R.T.: -0.002 min
Response: 4862547
Conc: 325.37 ng/ml



#15 AR-1232-5

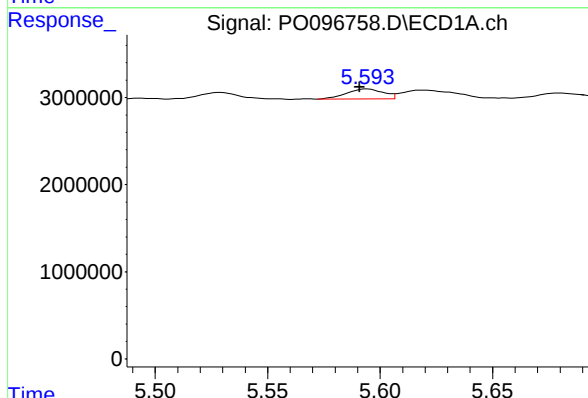
R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 33305336
Conc: 1190.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



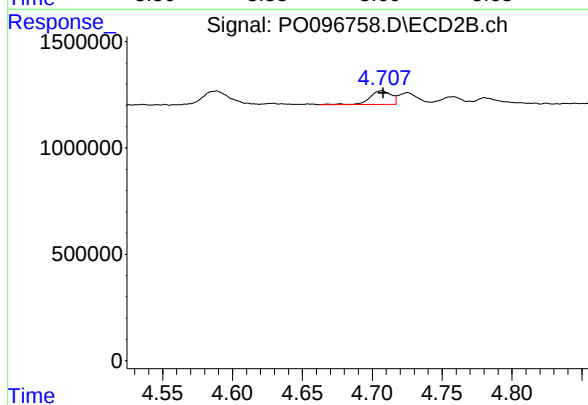
#15 AR-1232-5

R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 9530351
Conc: 583.01 ng/ml



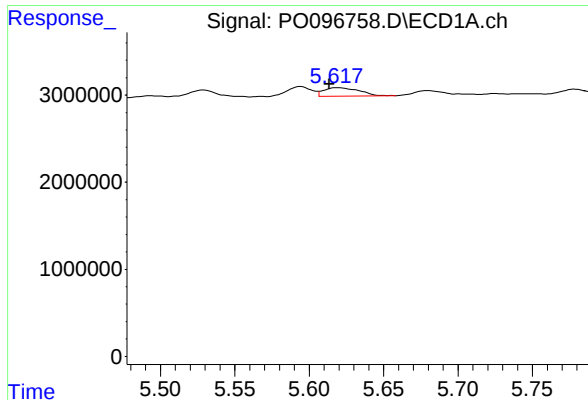
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 1335738
Conc: 15.94 ng/ml



#16 AR-1242-1

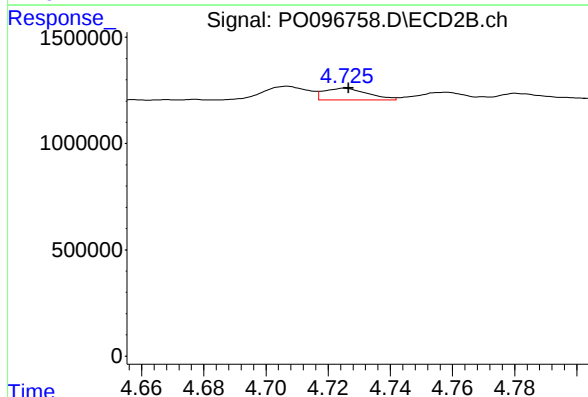
R.T.: 4.707 min
Delta R.T.: -0.001 min
Response: 698818
Conc: 17.73 ng/ml



#17 AR-1242-2

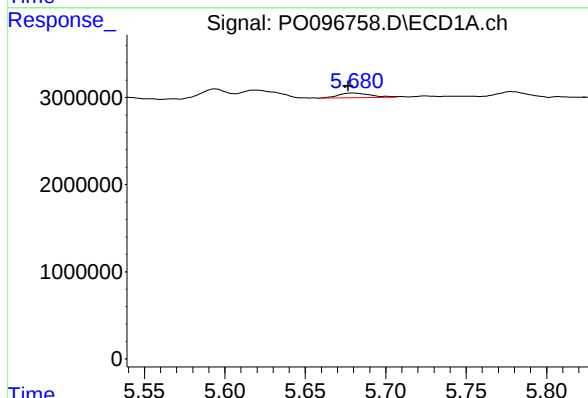
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 1613597
Conc: 13.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



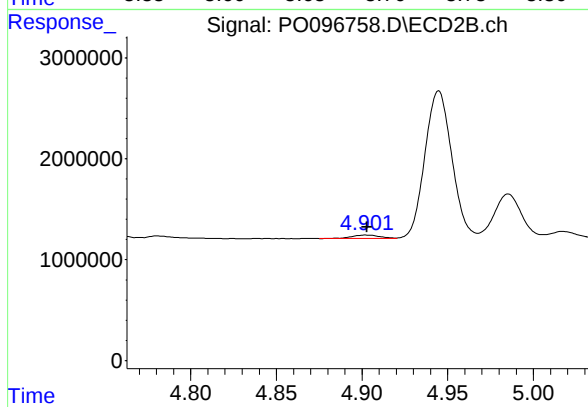
#17 AR-1242-2

R.T.: 4.725 min
Delta R.T.: -0.001 min
Response: 544293
Conc: 9.99 ng/ml



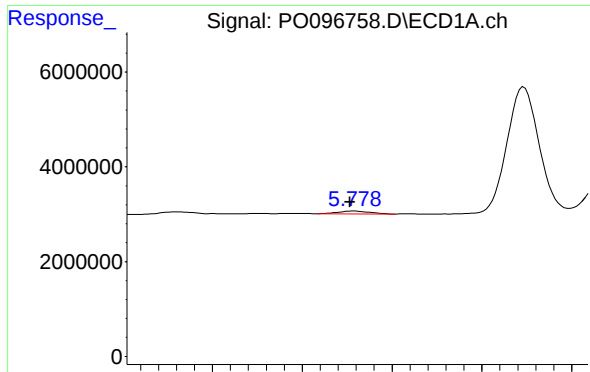
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 714908
Conc: 9.68 ng/ml



#18 AR-1242-3

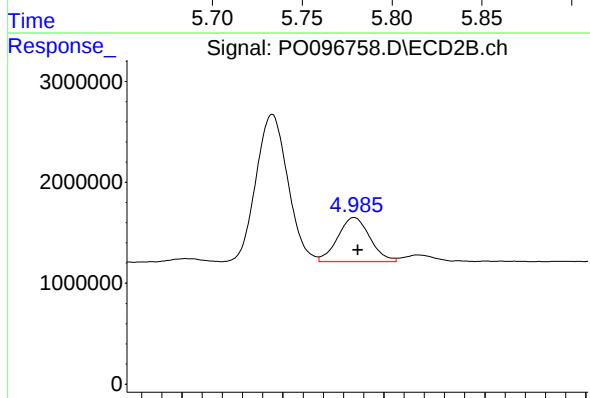
R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 376443
Conc: 12.73 ng/ml



#19 AR-1242-4

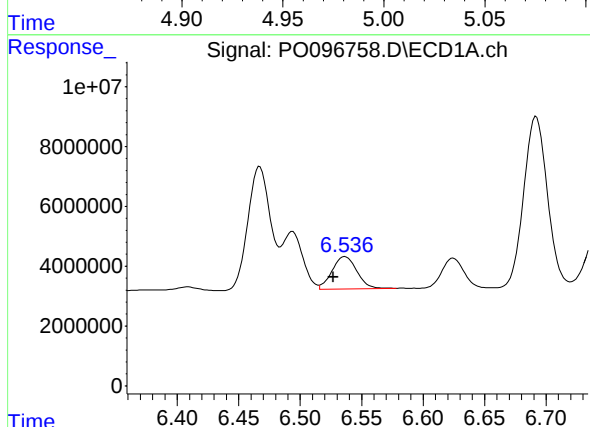
R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 762417
Conc: 12.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



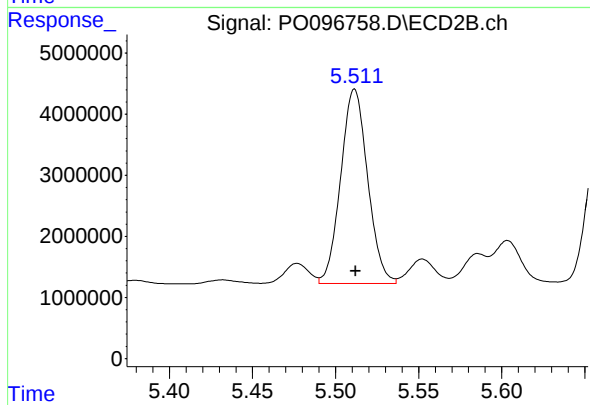
#19 AR-1242-4

R.T.: 4.985 min
Delta R.T.: -0.002 min
Response: 4862547
Conc: 154.30 ng/ml



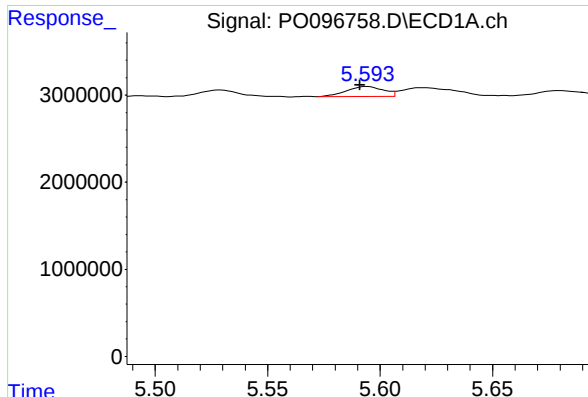
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.010 min
Response: 15364428
Conc: 279.25 ng/ml



#20 AR-1242-5

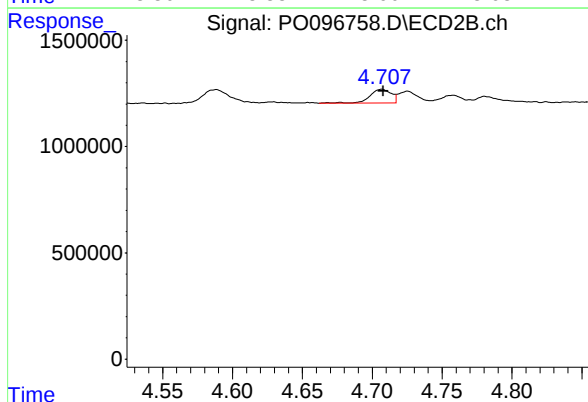
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 35907607
Conc: 985.49 ng/ml



#21 AR-1248-1

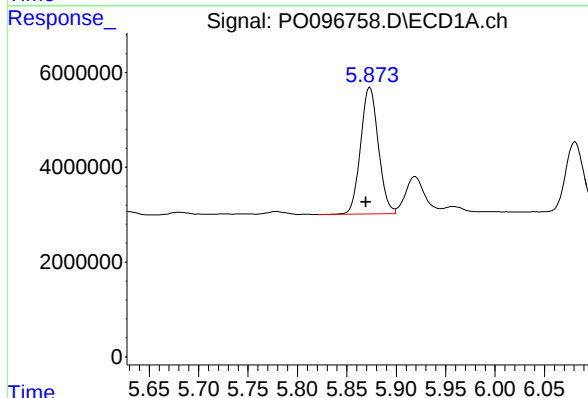
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 1335738
Conc: 22.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



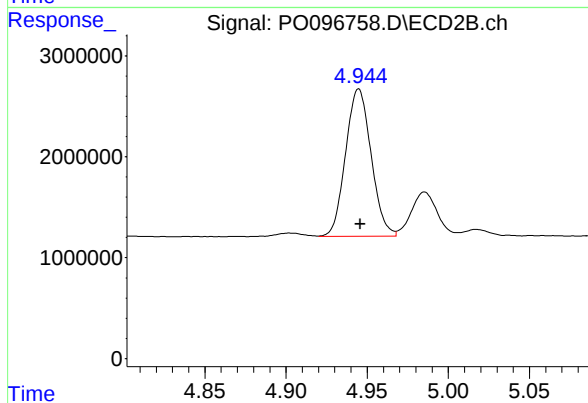
#21 AR-1248-1

R.T.: 4.707 min
Delta R.T.: -0.001 min
Response: 698818
Conc: 24.90 ng/ml



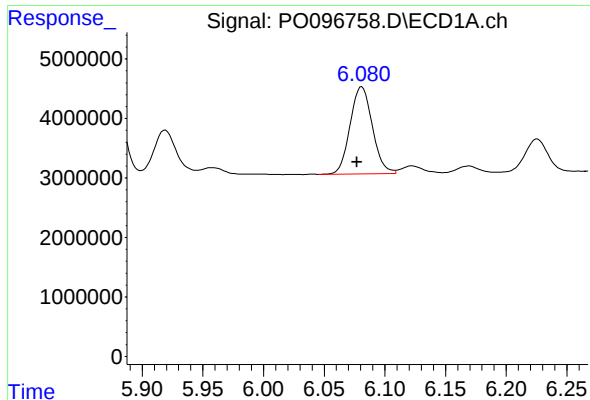
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 3330536
Conc: 354.25 ng/ml



#22 AR-1248-2

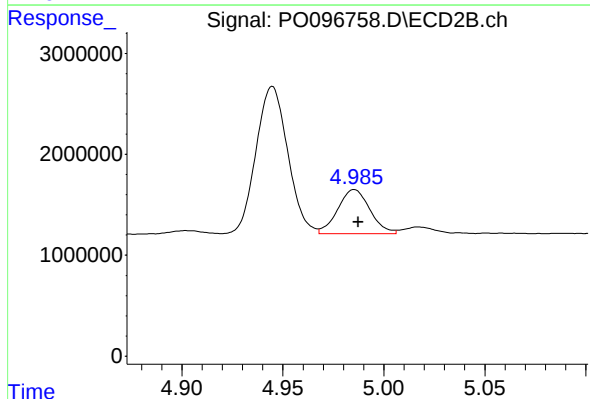
R.T.: 4.945 min
Delta R.T.: -0.001 min
Response: 16014829
Conc: 377.88 ng/ml



#23 AR-1248-3

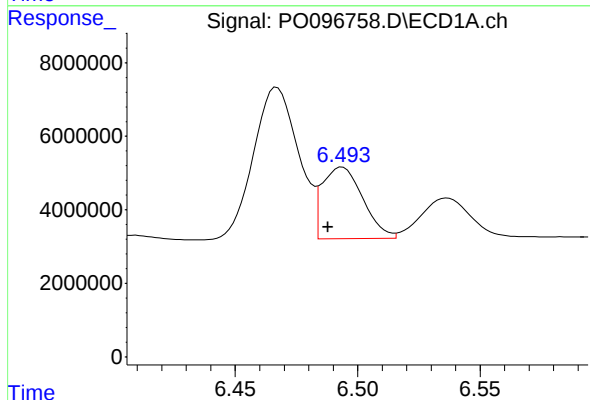
R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 18768074
Conc: 191.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



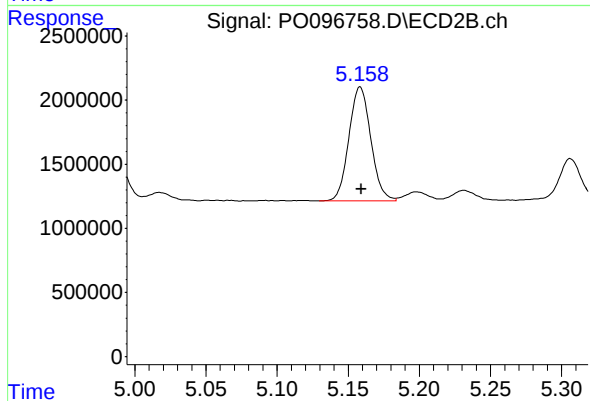
#23 AR-1248-3

R.T.: 4.985 min
Delta R.T.: -0.002 min
Response: 4862547
Conc: 110.85 ng/ml



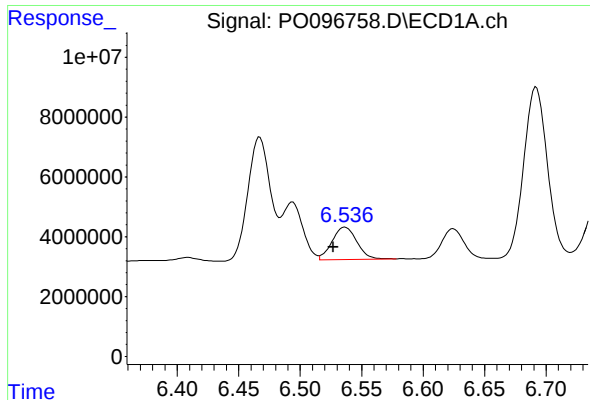
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: 0.006 min
Response: 22481651
Conc: 247.48 ng/ml



#24 AR-1248-4

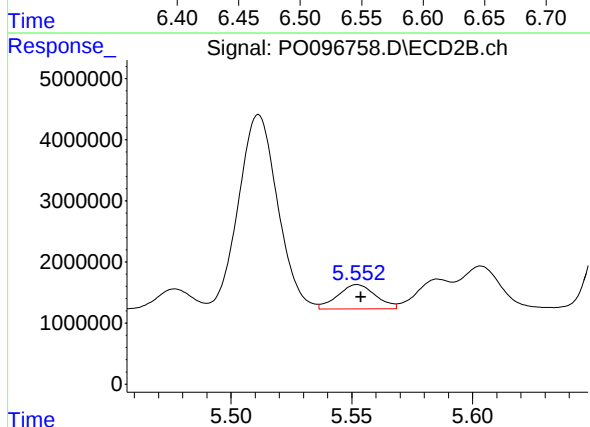
R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 9530351
Conc: 186.69 ng/ml



#25 AR-1248-5

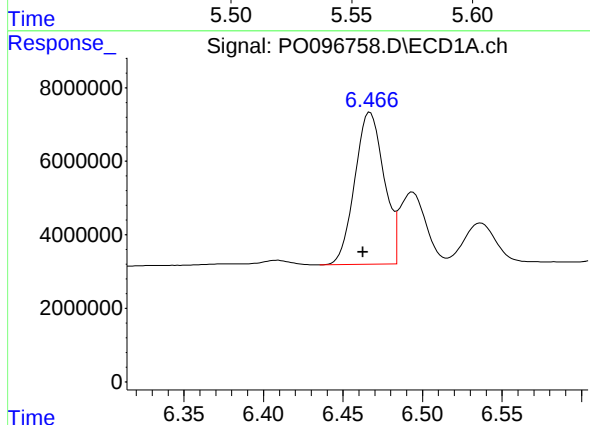
R.T.: 6.537 min
Delta R.T.: 0.009 min
Response: 15364428
Conc: 174.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



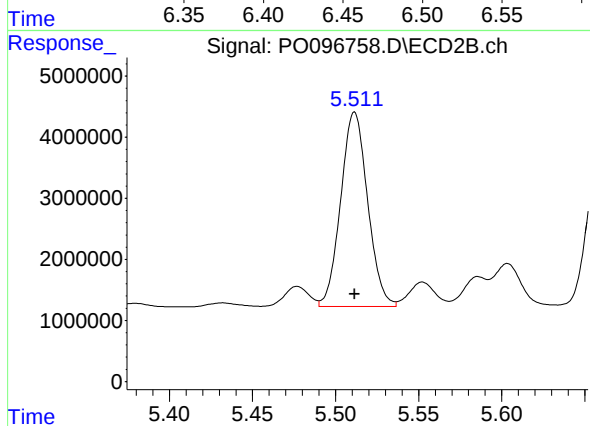
#25 AR-1248-5

R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 4349652
Conc: 93.04 ng/ml



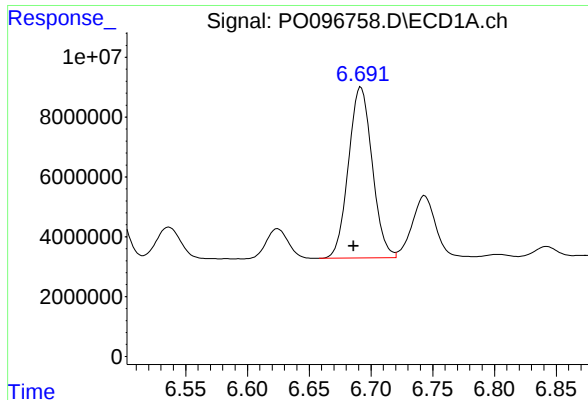
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.005 min
Response: 52953916
Conc: 484.52 ng/ml



#26 AR-1254-1

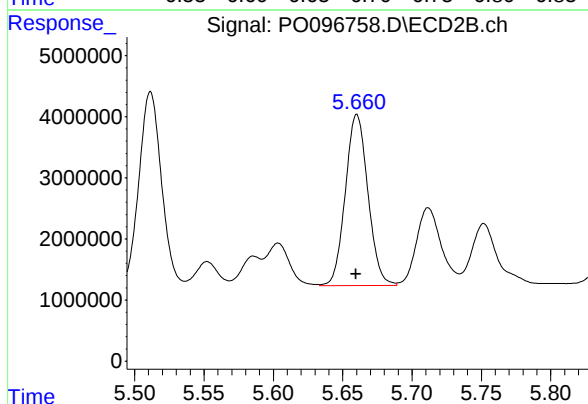
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 35907607
Conc: 486.58 ng/ml



#27 AR-1254-2

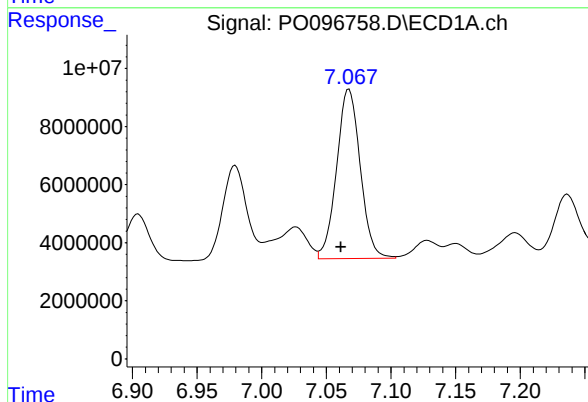
R.T.: 6.692 min
Delta R.T.: 0.006 min
Response: 76512891
Conc: 474.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



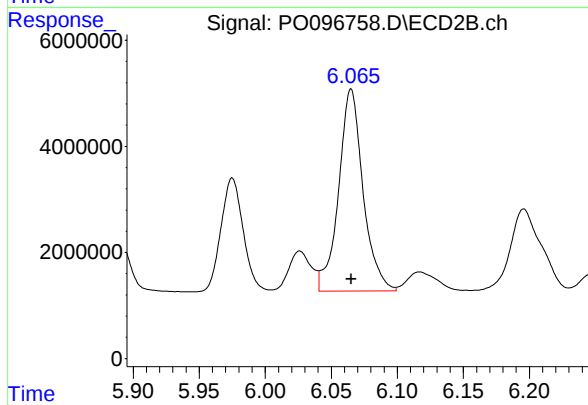
#27 AR-1254-2

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 31728876
Conc: 481.61 ng/ml



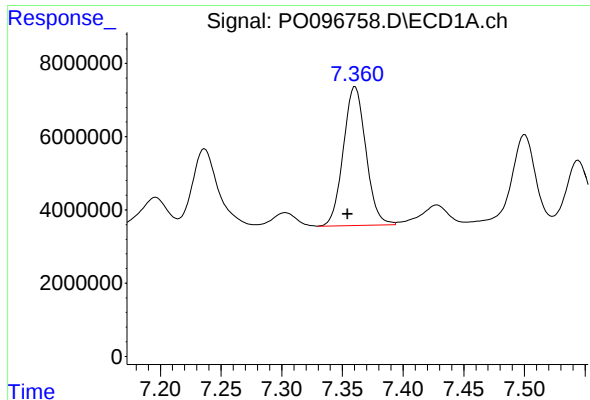
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.006 min
Response: 74284178
Conc: 474.06 ng/ml



#28 AR-1254-3

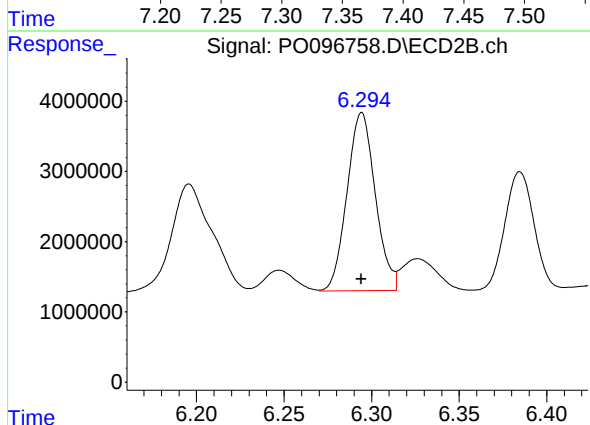
R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 49096427
Conc: 485.80 ng/ml



#29 AR-1254-4

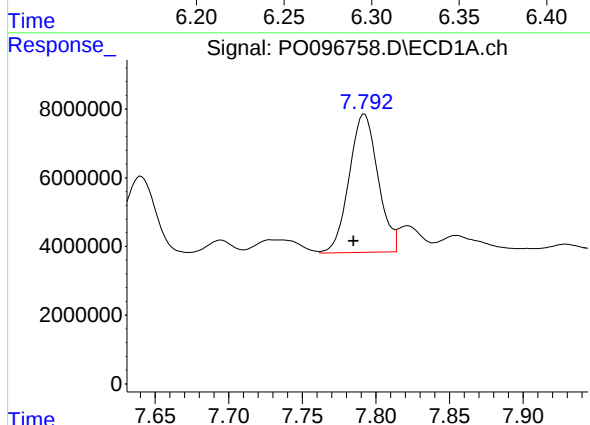
R.T.: 7.361 min
Delta R.T.: 0.006 min
Response: 48992832
Conc: 485.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



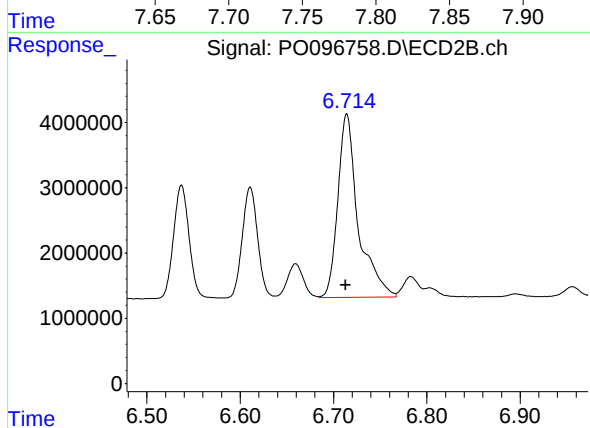
#29 AR-1254-4

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 28543132
Conc: 493.19 ng/ml



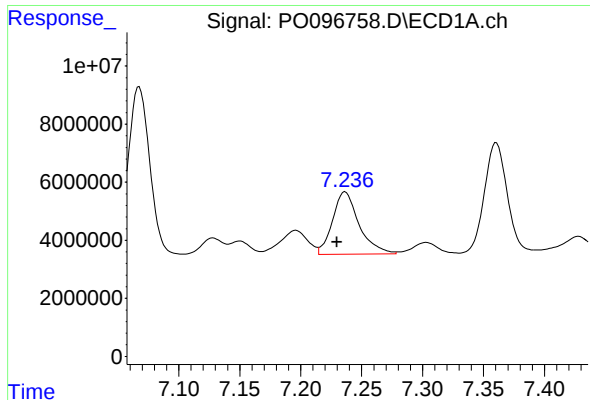
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: 0.007 min
Response: 54954024
Conc: 489.72 ng/ml



#30 AR-1254-5

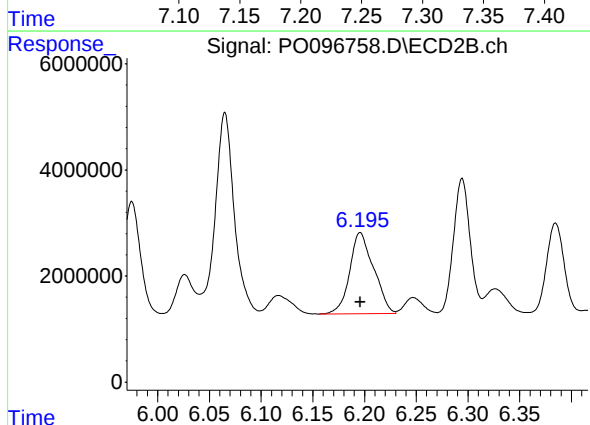
R.T.: 6.714 min
Delta R.T.: 0.001 min
Response: 42731598
Conc: 486.06 ng/ml



#31 AR-1260-1

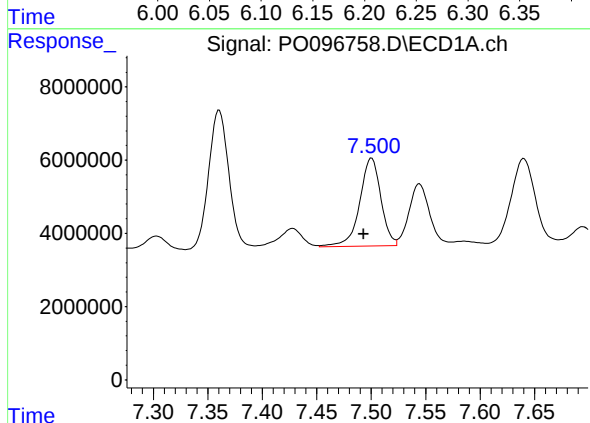
R.T.: 7.236 min
Delta R.T.: 0.007 min
Response: 32496894
Conc: 258.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



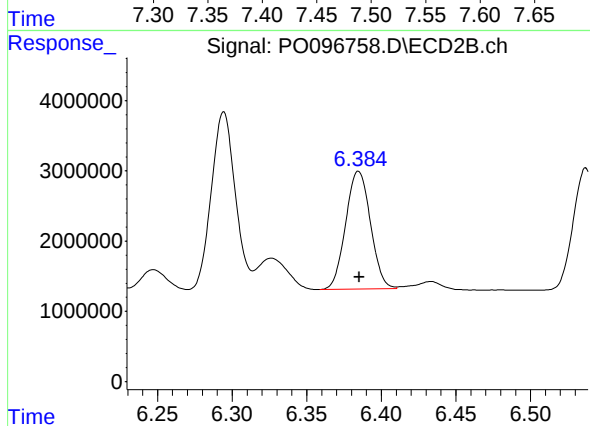
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 24672768
Conc: 350.62 ng/ml



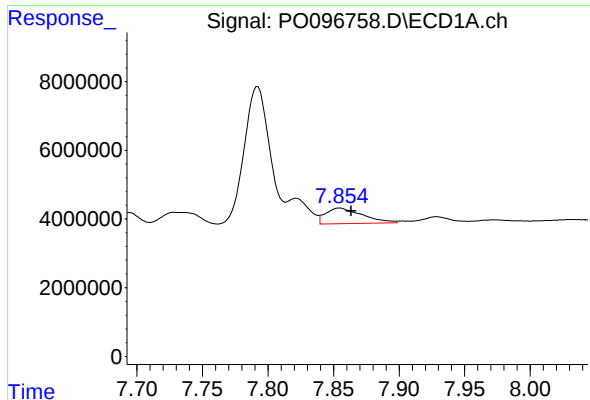
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: 0.007 min
Response: 32547334
Conc: 241.57 ng/ml



#32 AR-1260-2

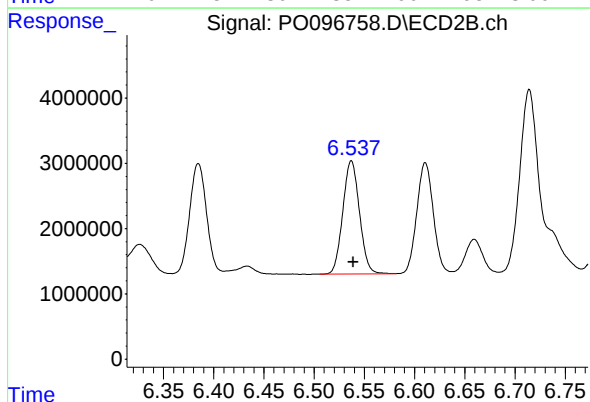
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 19392395
Conc: 232.35 ng/ml



#33 AR-1260-3

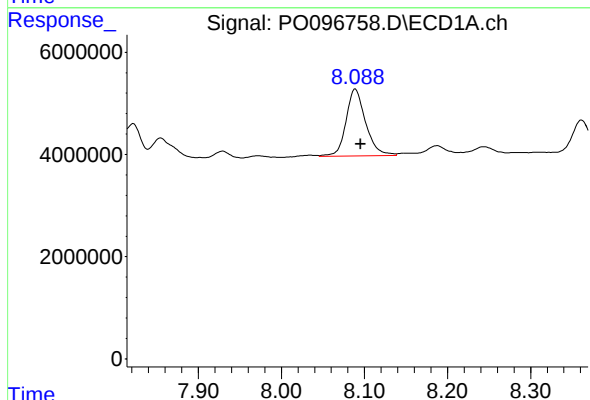
R.T.: 7.855 min
Delta R.T.: -0.009 min
Response: 8853090
Conc: 85.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



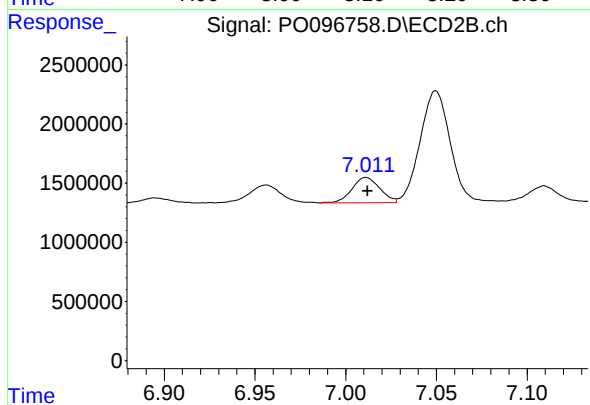
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 20027887
Conc: 259.36 ng/ml



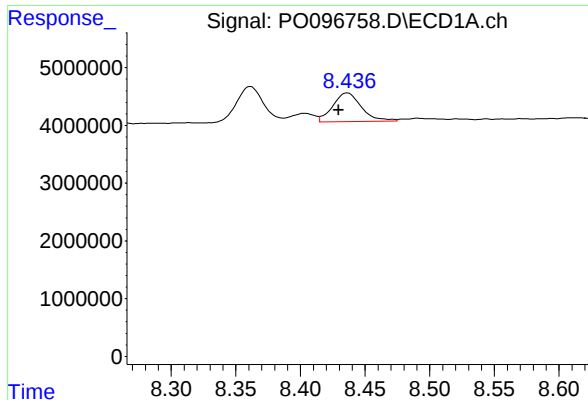
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.006 min
Response: 21475671
Conc: 192.08 ng/ml



#34 AR-1260-4

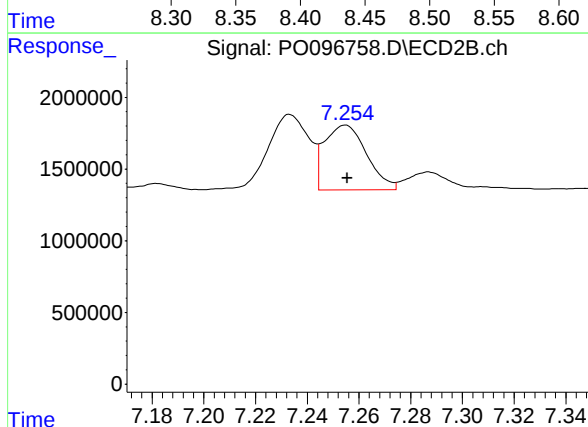
R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 2274615
Conc: 35.50 ng/ml



#35 AR-1260-5

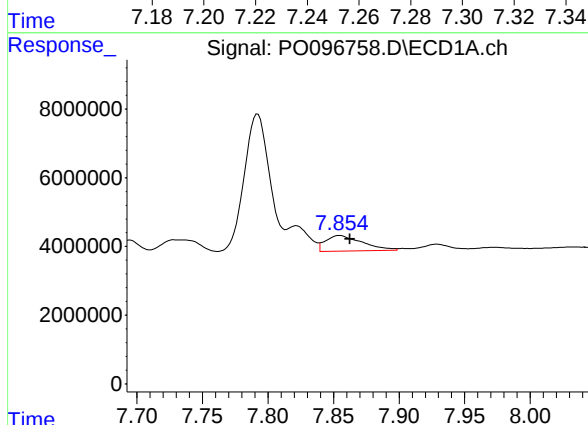
R.T.: 8.436 min
Delta R.T.: 0.007 min
Response: 7730098
Conc: 36.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



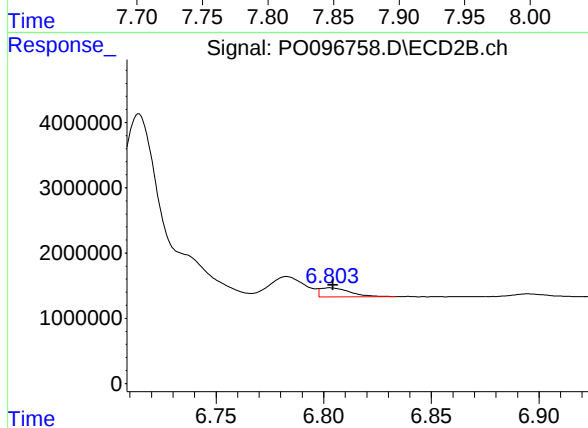
#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 5124232
Conc: 36.96 ng/ml



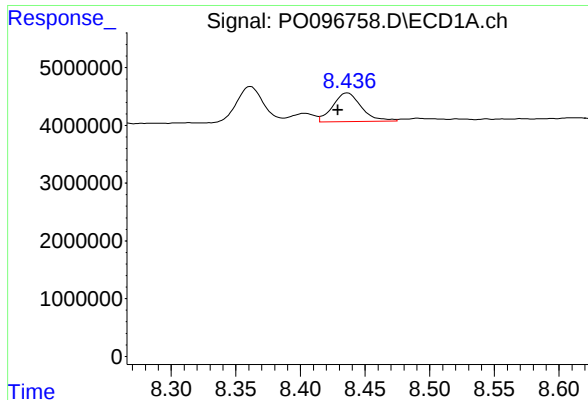
#36 AR-1262-1

R.T.: 7.855 min
Delta R.T.: -0.008 min
Response: 8853090
Conc: 59.61 ng/ml



#36 AR-1262-1

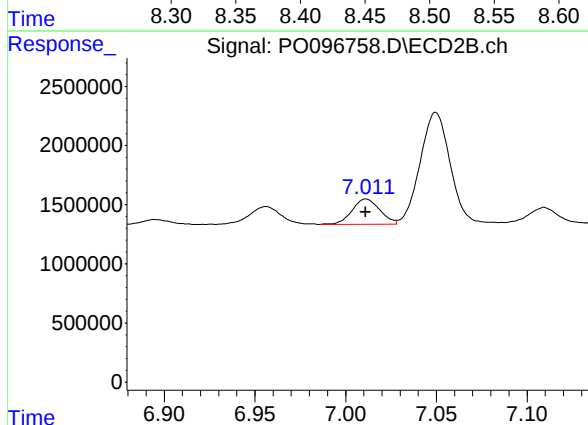
R.T.: 6.803 min
Delta R.T.: -0.001 min
Response: 1305026
Conc: 33.15 ng/ml



#37 AR-1262-2

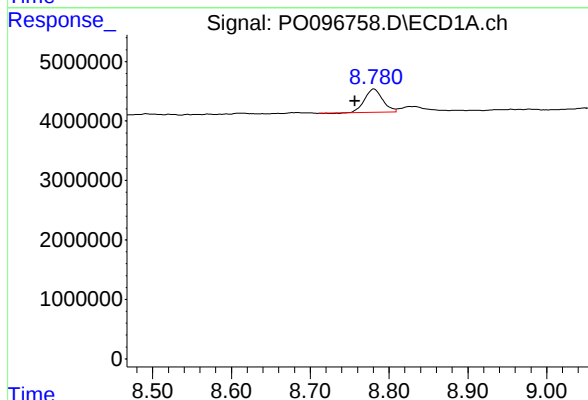
R.T.: 8.436 min
Delta R.T.: 0.007 min
Response: 7730098
Conc: 33.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



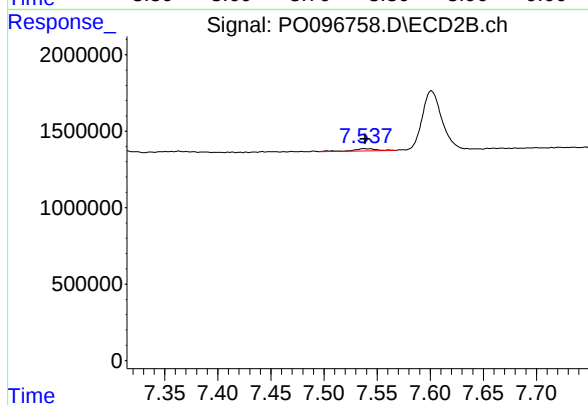
#37 AR-1262-2

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 2274615
Conc: 28.05 ng/ml



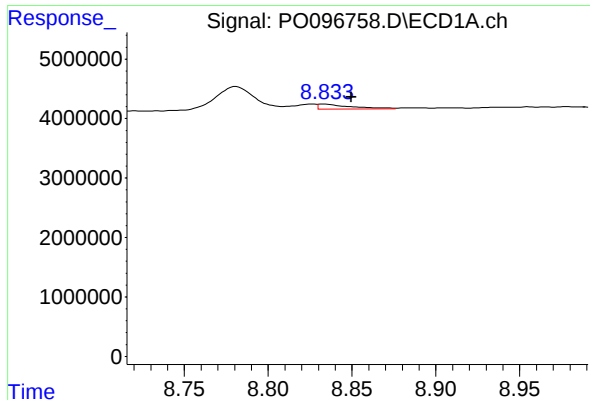
#38 AR-1262-3

R.T.: 8.781 min
Delta R.T.: 0.024 min
Response: 6322913
Conc: 37.91 ng/ml



#38 AR-1262-3

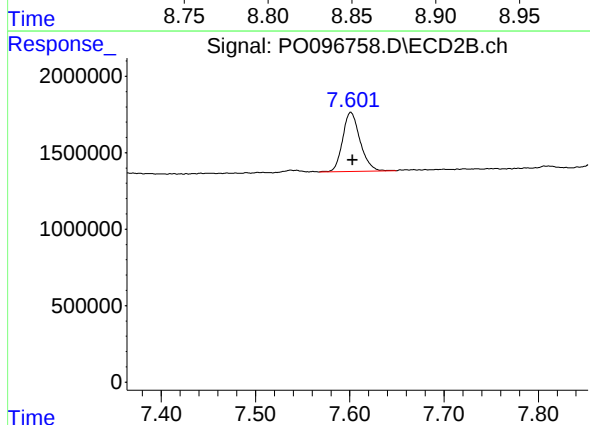
R.T.: 7.537 min
Delta R.T.: -0.001 min
Response: 236002
Conc: 3.68 ng/ml



#39 AR-1262-4

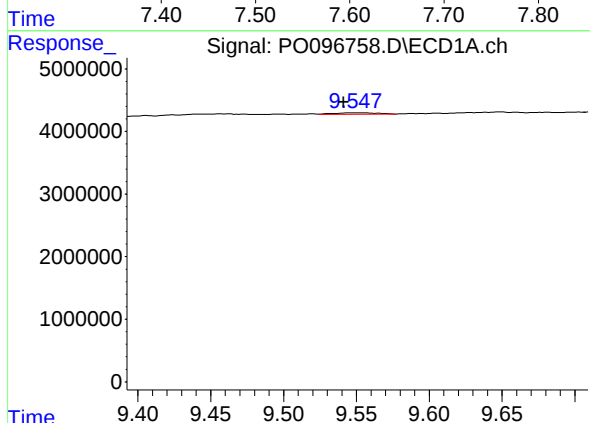
R.T.: 8.833 min
Delta R.T.: -0.017 min
Response: 1141983
Conc: 15.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



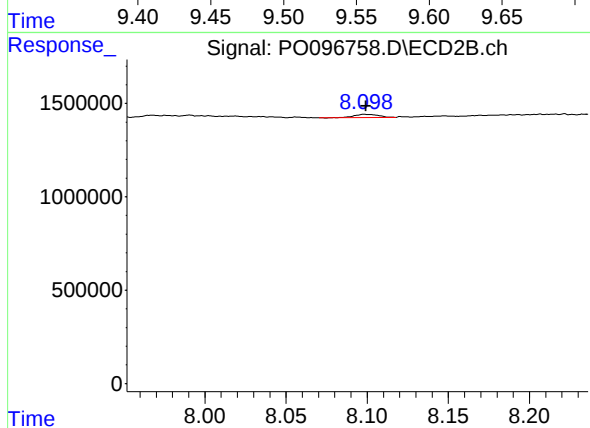
#39 AR-1262-4

R.T.: 7.601 min
Delta R.T.: -0.002 min
Response: 4996071
Conc: 43.98 ng/ml



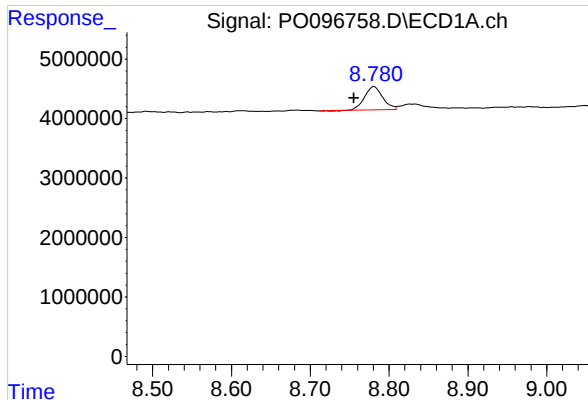
#40 AR-1262-5

R.T.: 9.548 min
Delta R.T.: 0.007 min
Response: 460269
Conc: 5.53 ng/ml



#40 AR-1262-5

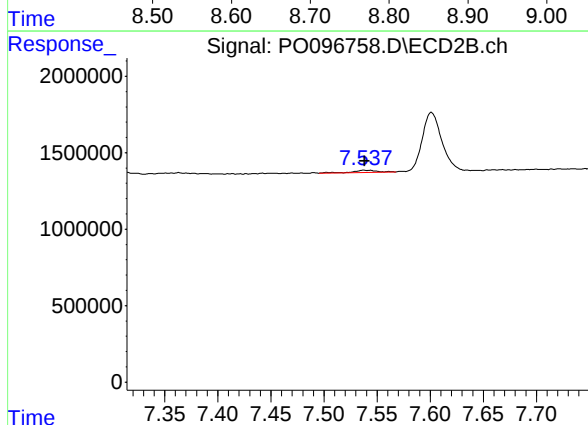
R.T.: 8.099 min
Delta R.T.: 0.000 min
Response: 173256
Conc: 3.30 ng/ml



#41 AR-1268-1

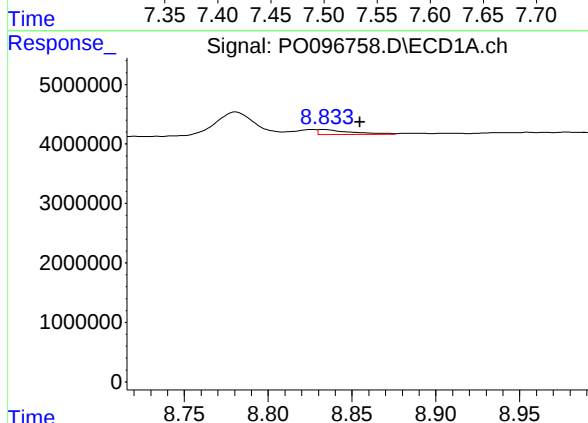
R.T.: 8.781 min
Delta R.T.: 0.025 min
Response: 6322913
Conc: 20.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



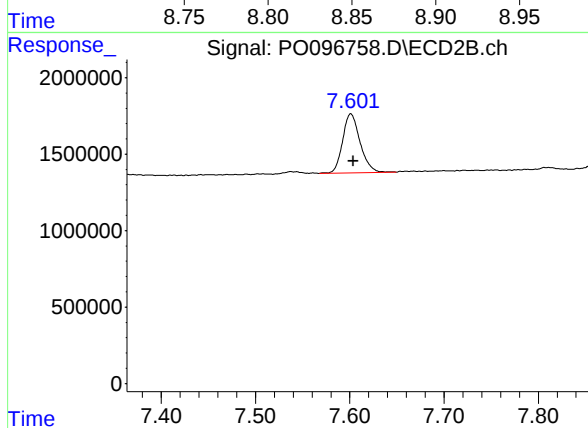
#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: -0.001 min
Response: 236002
Conc: 1.27 ng/ml



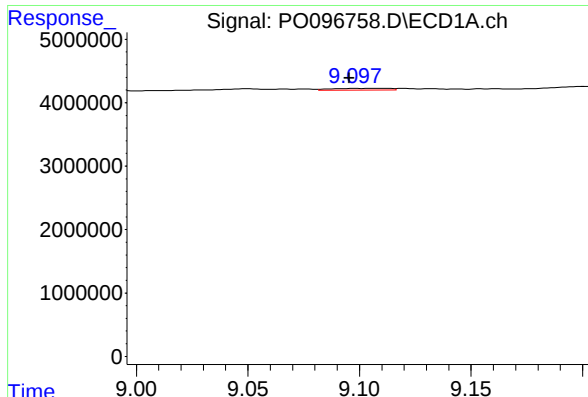
#42 AR-1268-2

R.T.: 8.833 min
Delta R.T.: -0.022 min
Response: 1141983
Conc: 4.16 ng/ml



#42 AR-1268-2

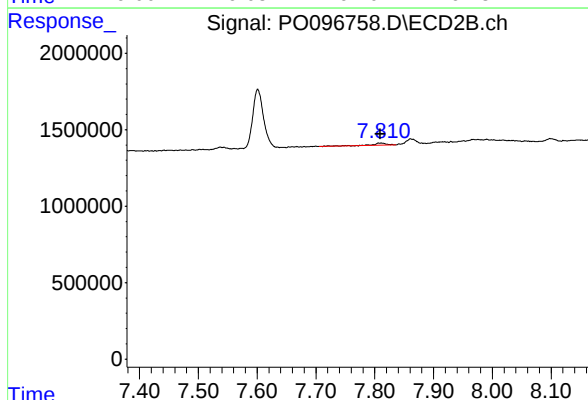
R.T.: 7.601 min
Delta R.T.: -0.003 min
Response: 4996071
Conc: 29.79 ng/ml



#43 AR-1268-3

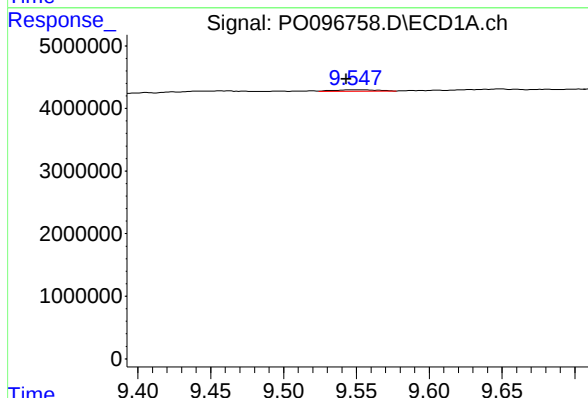
R.T.: 9.110 min
Delta R.T.: 0.015 min
Response: 465689
Conc: 1.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



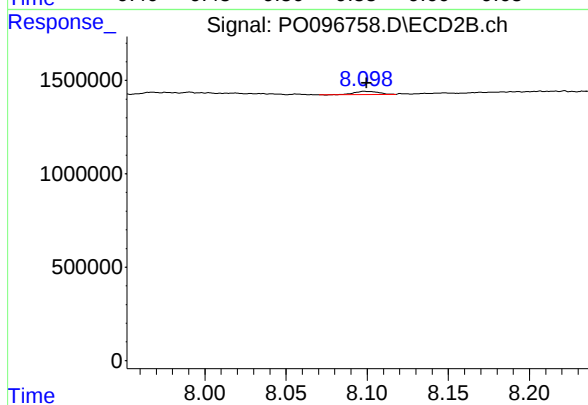
#43 AR-1268-3

R.T.: 7.811 min
Delta R.T.: 0.002 min
Response: 237816
Conc: 1.65 ng/ml



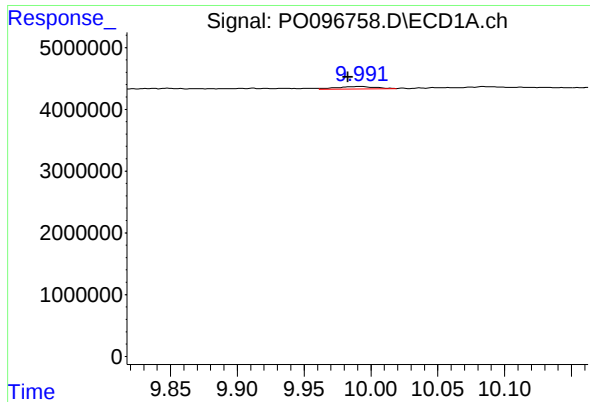
#44 AR-1268-4

R.T.: 9.548 min
Delta R.T.: 0.005 min
Response: 460269
Conc: 4.96 ng/ml



#44 AR-1268-4

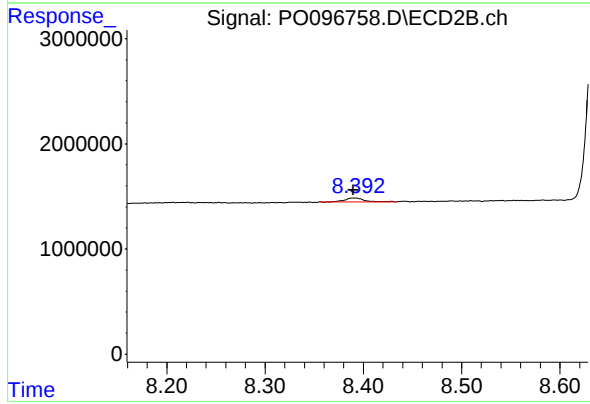
R.T.: 8.099 min
Delta R.T.: 0.000 min
Response: 173256
Conc: 2.91 ng/ml



#45 AR-1268-5

R.T.: 9.992 min
Delta R.T.: 0.010 min
Response: 840584
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: 0.002 min
Response: 485516
Conc: 1.17 ng/ml