

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080923\
 Data File : P0096886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 04:40
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 06:02:11 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...	4.410	3.618	165.6E6	67574947	50.025	51.046
2) SA Decachlor...	10.352	8.638	112.1E6	56487173	51.229	48.825
Target Compounds						
3) L1 AR-1016-1	5.595	4.703	41617343	19639919	441.875	442.979
4) L1 AR-1016-2	5.618	4.722	58725766	27069678	438.991	442.526
5) L1 AR-1016-3	5.681	4.898	36890135	14749837	423.922	451.501
6) L1 AR-1016-4	5.782	4.941	29116158	12276089	433.467	429.438
7) L1 AR-1016-5	6.083	5.155	30617912	16582720	438.545	431.320
8) L2 AR-1221-1	4.617	3.830	5732554	2222664	140.659	128.055
9) L2 AR-1221-2	4.709	3.917	8352754	3317772	274.944	256.779
10) L2 AR-1221-3	4.785	3.993	26933773	11721319	307.703	295.292
11) L3 AR-1232-1	4.785	3.993	26933773	11721319	369.292	362.361
12) L3 AR-1232-2	5.323	4.722	35407169	27069678	893.085	938.208
13) L3 AR-1232-3	5.618	4.898	58725766	14749837	960.000	972.825
14) L3 AR-1232-4	5.782	4.983	29116158	15572747	954.195	1042.028
15) L3 AR-1232-5	5.874	5.155	27056402	16582720	966.881	1014.434
16) L4 AR-1242-1	5.595	4.703	41617343	19639919	496.527	498.159
17) L4 AR-1242-2	5.618	4.722	58725766	27069678	498.683	496.775
18) L4 AR-1242-3	5.681	4.898	36890135	14749837	499.376	498.835
19) L4 AR-1242-4	5.782	4.983	29116158	15572747	489.098	494.155
20) L4 AR-1242-5	6.535	5.507	27099098	18204664	492.534	499.631
21) L5 AR-1248-1	5.595	4.703	41617343	19639919	710.265	699.863
22) L5 AR-1248-2	5.874	4.941	27056402	12276089	287.780	289.660
23) L5 AR-1248-3	6.083	4.983	30617912	15572747	313.038	355.015
24) L5 AR-1248-4	6.496	5.155	26773120	16582720	294.717	324.834
25) L5 AR-1248-5	6.535	5.548	27099098	15423987	307.644	329.912
26) L6 AR-1254-1	6.467	5.507	20439035	18204664	187.015	246.688 #
27) L6 AR-1254-2	6.697	5.656	23832213	5007439	147.817	76.008 #
28) L6 AR-1254-3	7.070	6.060	10161819	5820474	64.850	57.593
29) L6 AR-1254-4	7.363	6.290	7186579	4441542	71.283	76.744
30) L6 AR-1254-5	7.794	6.710	1635243	1401059	14.572	15.937
31) L7 AR-1260-1	7.240	6.205	922557	2069254	7.340	29.406 #
32) L7 AR-1260-2	7.501	6.381	1317090	712661	9.775	8.539
33) L7 AR-1260-3	7.830	6.532	104336	811624	1.005	10.511 #
34) L7 AR-1260-4	8.091	7.008	2805623	225067	25.094	3.512 #
35) L7 AR-1260-5	8.441	7.254	1003472	77084	4.779	0.556 #
36) L8 AR-1262-1	7.830	6.821	104336	278585	0.702	7.076 #
37) L8 AR-1262-2	8.441	7.008	1003472	225067	4.335	2.775 #
38) L8 AR-1262-3	8.739	7.598f	54675	684780	0.328	10.671 #
39) L8 AR-1262-4	8.865	7.598	80397	684780	1.103	6.028 #
40) L8 AR-1262-5	9.533	0.000	227800	0	2.735	N.D. #
41) L9 AR-1268-1	8.739	7.598f	54675	684780	0.178	3.696 #

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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 10 06:02:11 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
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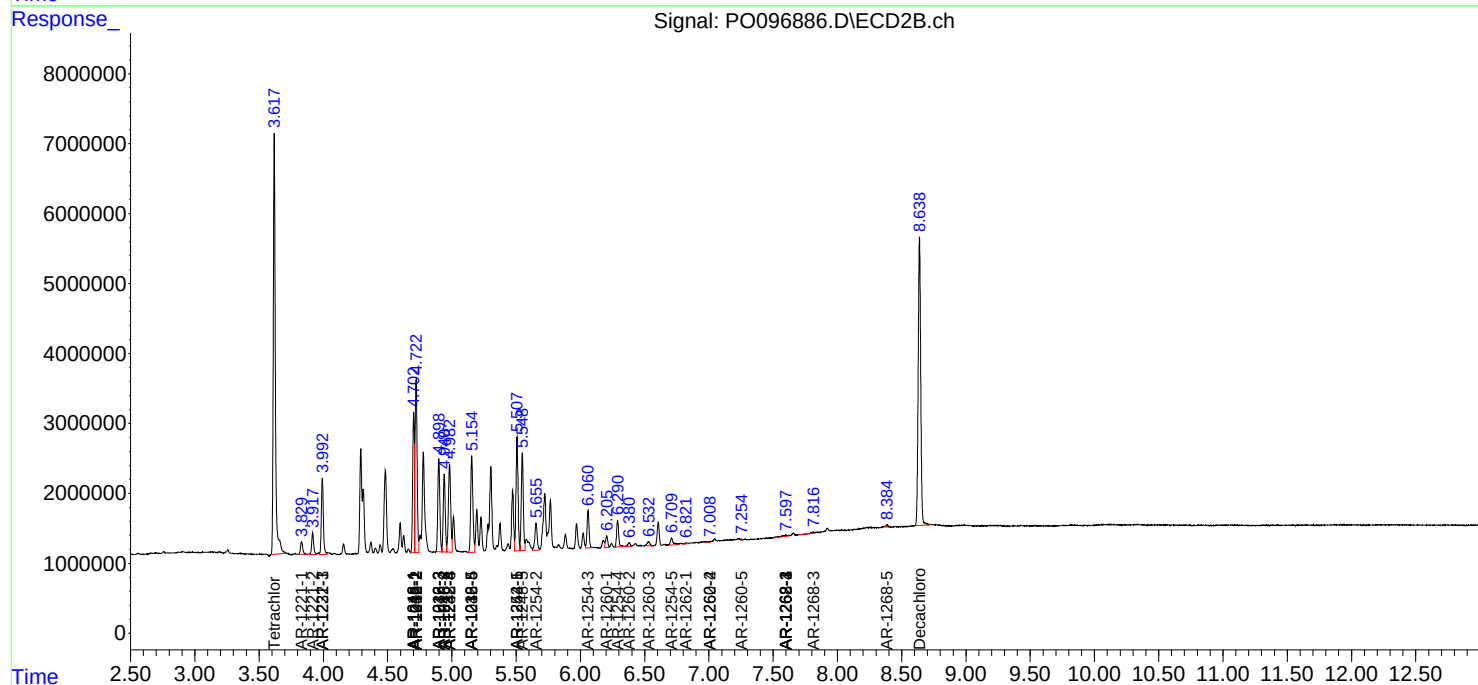
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

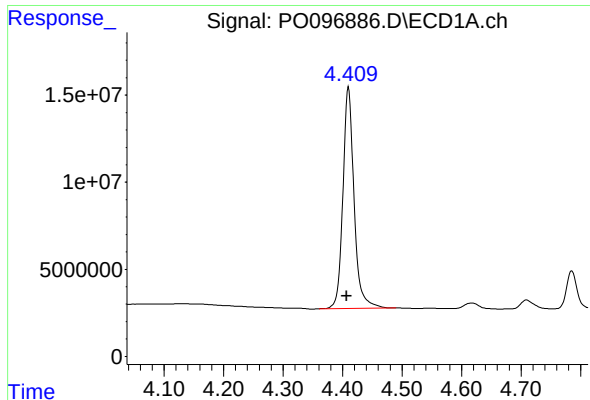
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.865	7.598	80397	684780	0.293	4.084 #
43) L9	AR-1268-3	9.098	7.816	266835	199539	1.045	1.381 #
44) L9	AR-1268-4	9.533	0.000	227800	0	2.457	N.D. #
45) L9	AR-1268-5	9.994	8.385	1048644	373496	1.298	0.898 #

(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

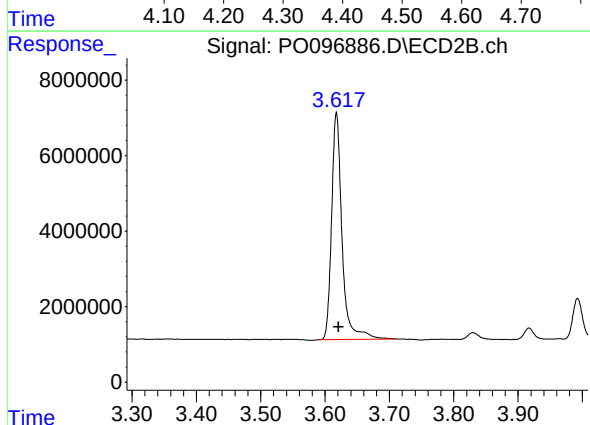




#1 Tetrachloro-m-xylene

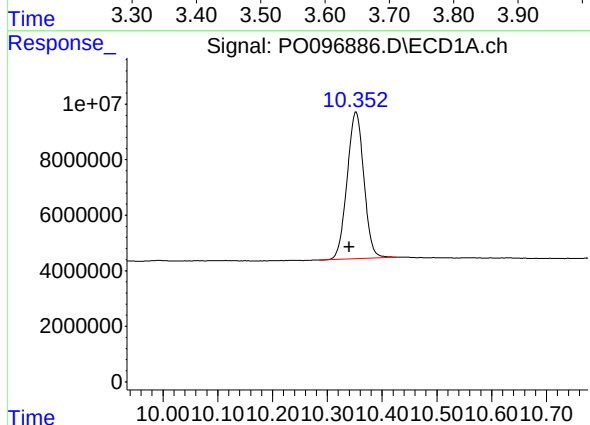
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 165591346
Conc: 50.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



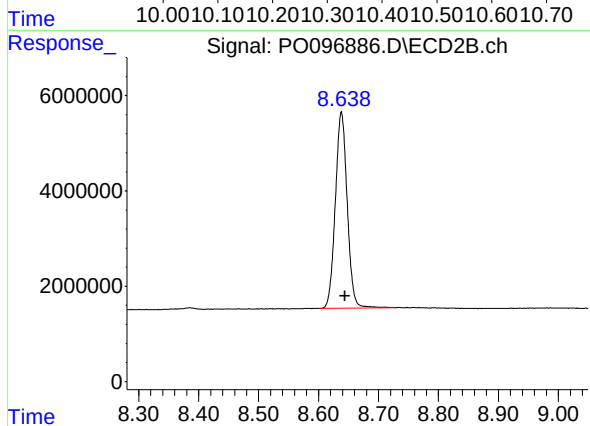
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 67574947
Conc: 51.05 ng/ml



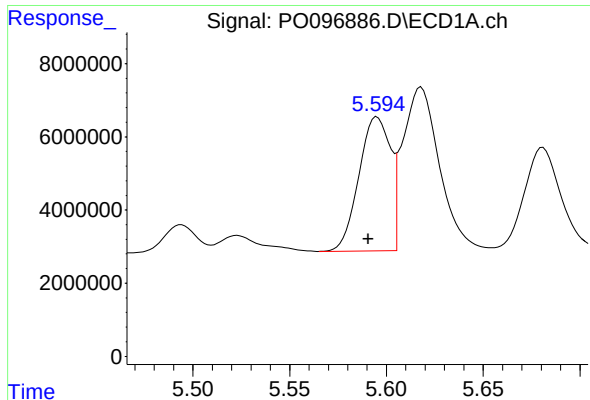
#2 Decachlorobiphenyl

R.T.: 10.352 min
Delta R.T.: 0.013 min
Response: 112098678
Conc: 51.23 ng/ml



#2 Decachlorobiphenyl

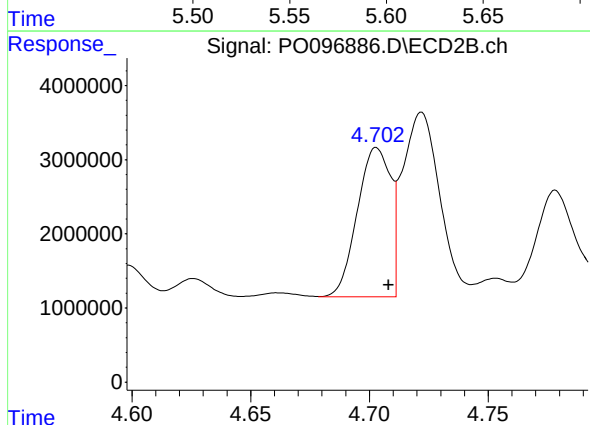
R.T.: 8.638 min
Delta R.T.: -0.006 min
Response: 56487173
Conc: 48.83 ng/ml



#3 AR-1016-1

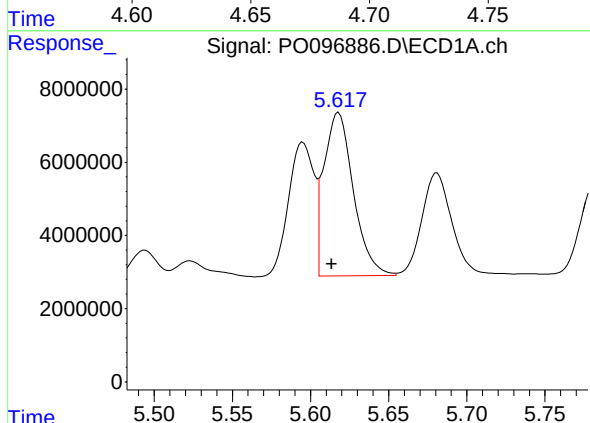
R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 41617343
Conc: 441.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



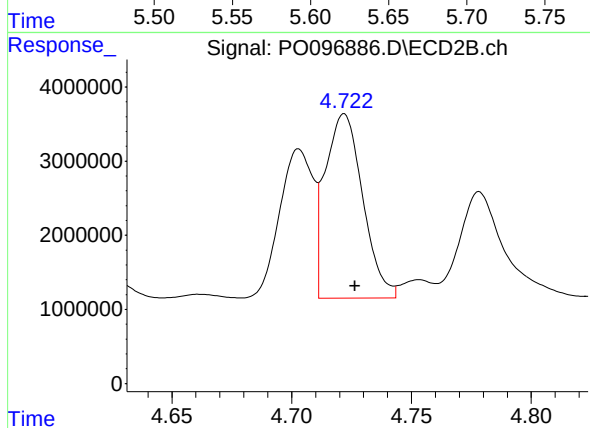
#3 AR-1016-1

R.T.: 4.703 min
Delta R.T.: -0.005 min
Response: 19639919
Conc: 442.98 ng/ml



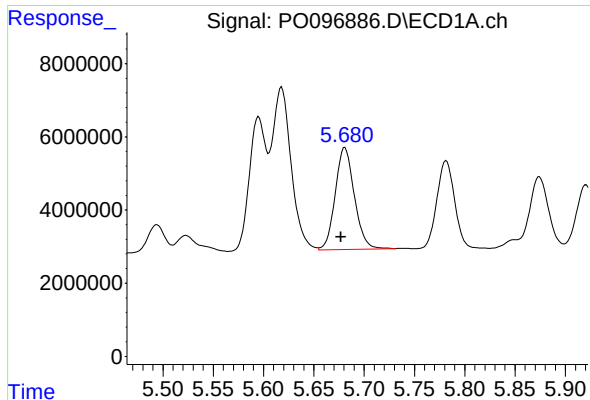
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 58725766
Conc: 438.99 ng/ml



#4 AR-1016-2

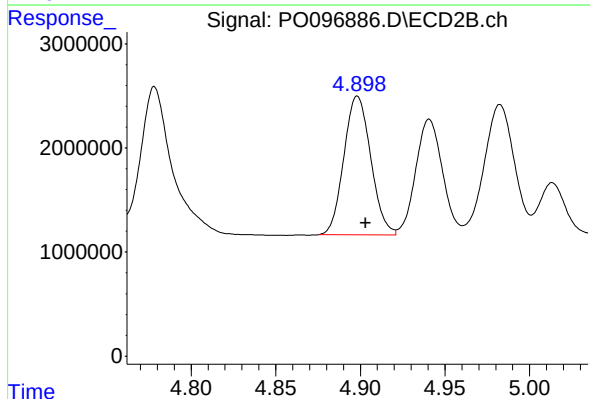
R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 27069678
Conc: 442.53 ng/ml



#5 AR-1016-3

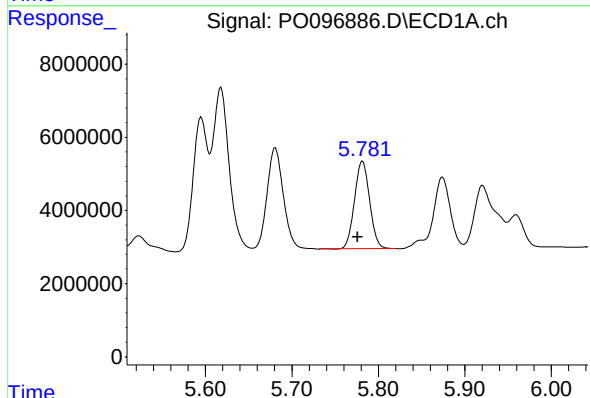
R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 36890135
Conc: 423.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



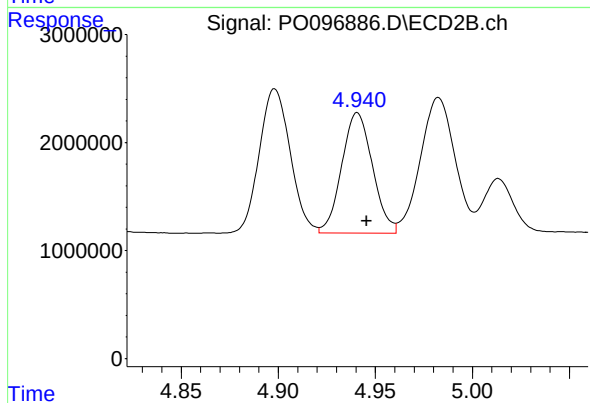
#5 AR-1016-3

R.T.: 4.898 min
Delta R.T.: -0.005 min
Response: 14749837
Conc: 451.50 ng/ml



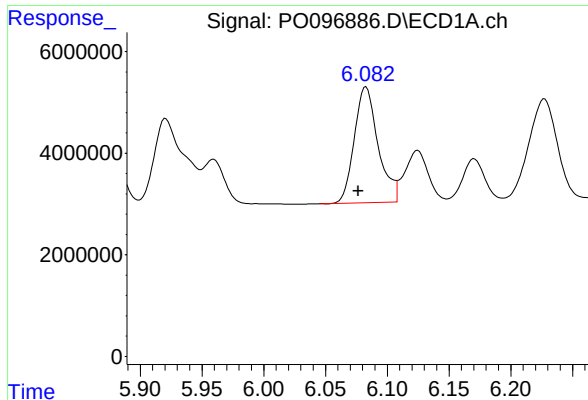
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 29116158
Conc: 433.47 ng/ml



#6 AR-1016-4

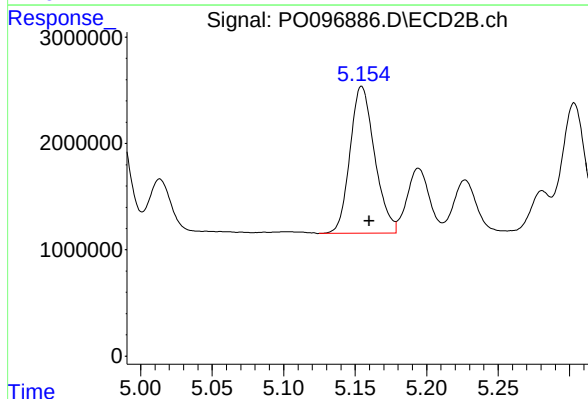
R.T.: 4.941 min
Delta R.T.: -0.005 min
Response: 12276089
Conc: 429.44 ng/ml



#7 AR-1016-5

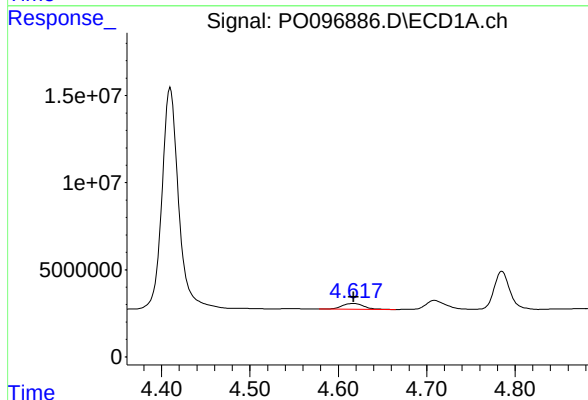
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 30617912
Conc: 438.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



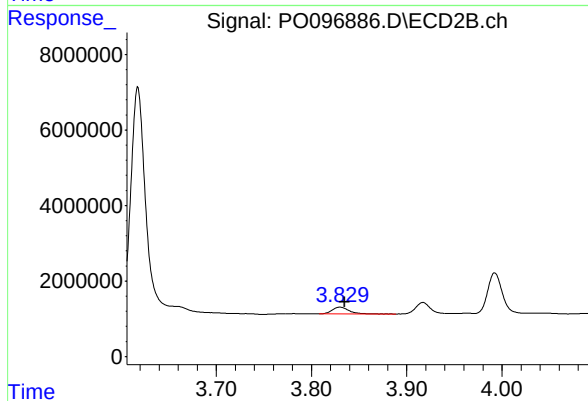
#7 AR-1016-5

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 16582720
Conc: 431.32 ng/ml



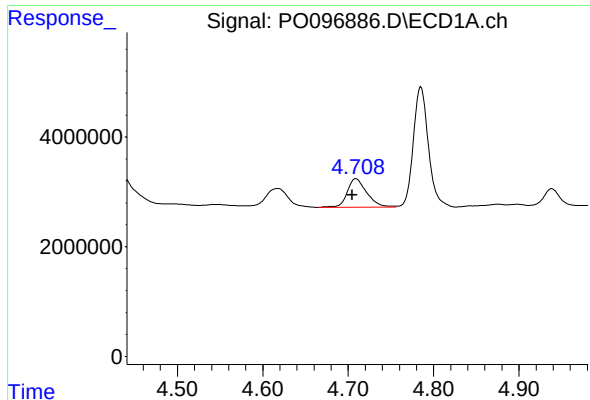
#8 AR-1221-1

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 5732554
Conc: 140.66 ng/ml



#8 AR-1221-1

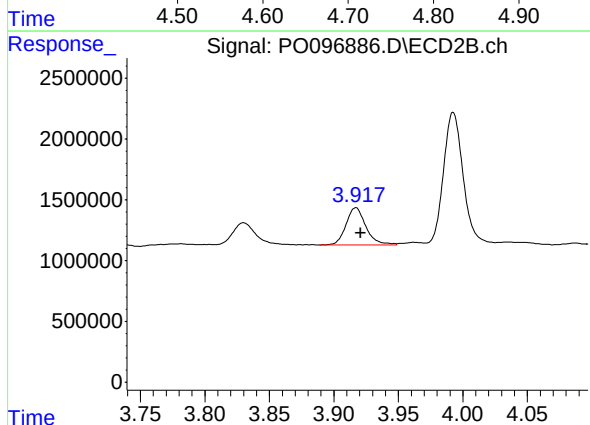
R.T.: 3.830 min
Delta R.T.: -0.005 min
Response: 2222664
Conc: 128.06 ng/ml



#9 AR-1221-2

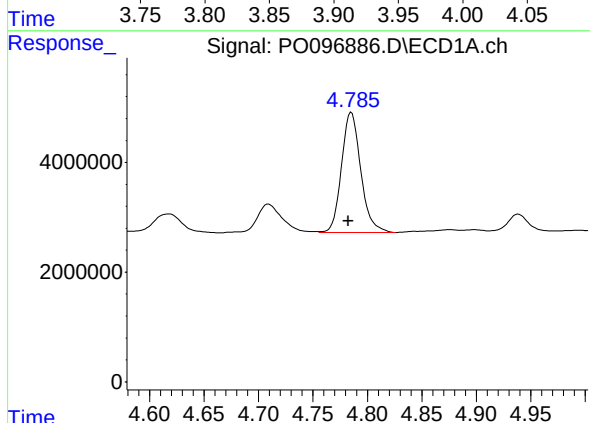
R.T.: 4.709 min
Delta R.T.: 0.004 min
Response: 8352754
Conc: 274.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



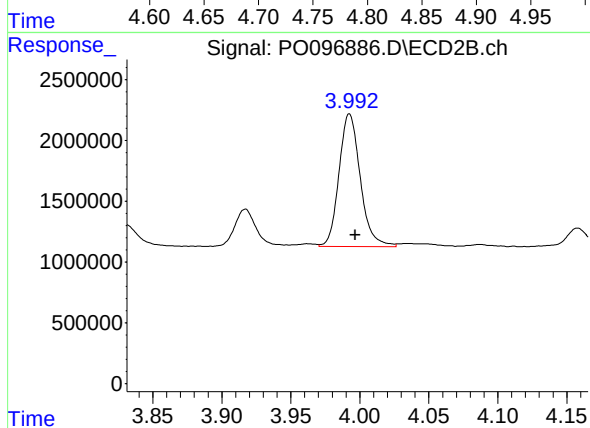
#9 AR-1221-2

R.T.: 3.917 min
Delta R.T.: -0.004 min
Response: 3317772
Conc: 256.78 ng/ml



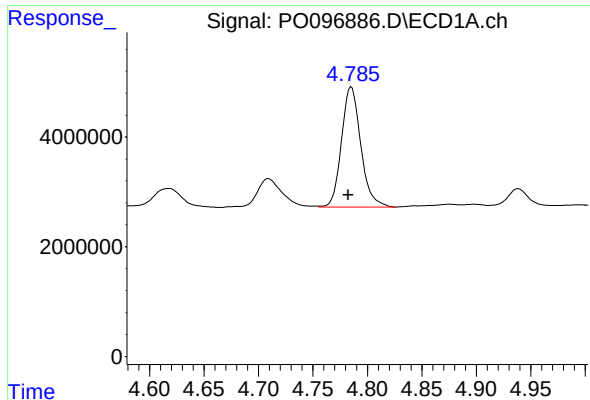
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 26933773
Conc: 307.70 ng/ml



#10 AR-1221-3

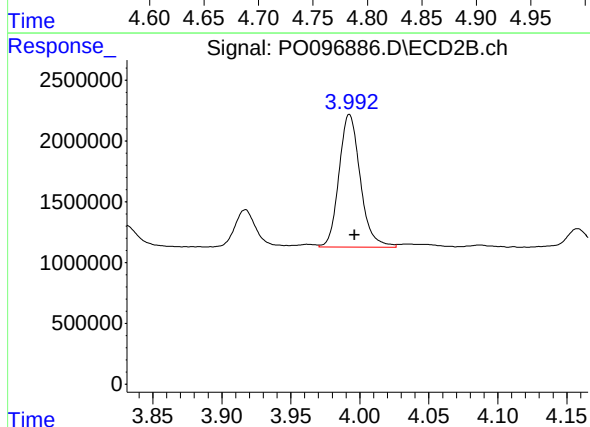
R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 11721319
Conc: 295.29 ng/ml



#11 AR-1232-1

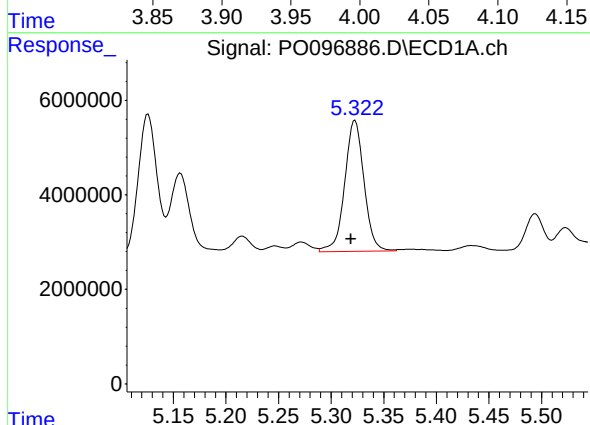
R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 26933773
Conc: 369.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



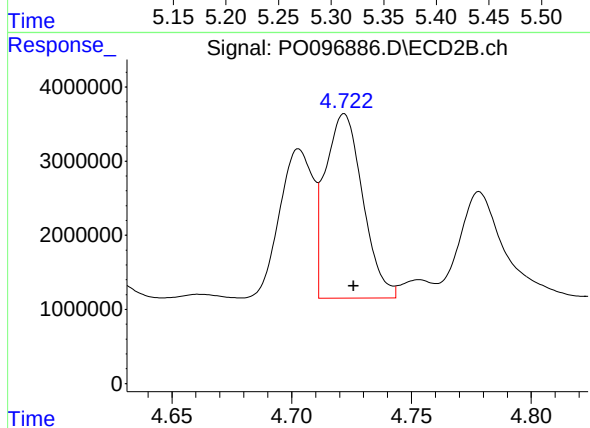
#11 AR-1232-1

R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 11721319
Conc: 362.36 ng/ml



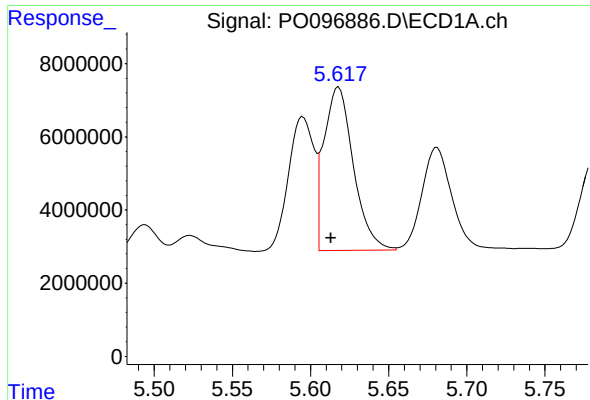
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 35407169
Conc: 893.08 ng/ml



#12 AR-1232-2

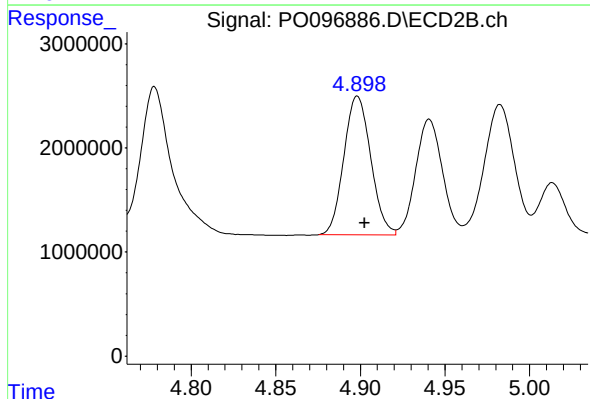
R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 27069678
Conc: 938.21 ng/ml



#13 AR-1232-3

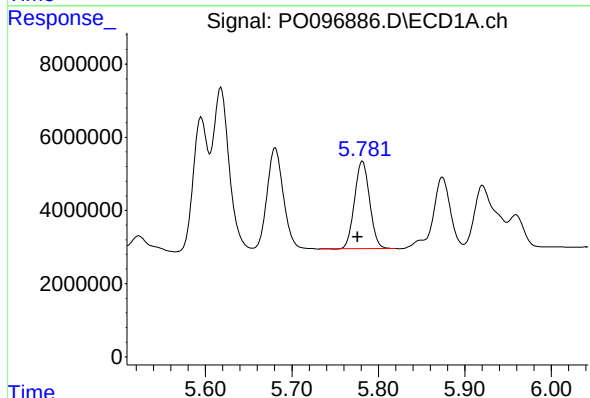
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 58725766
Conc: 960.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



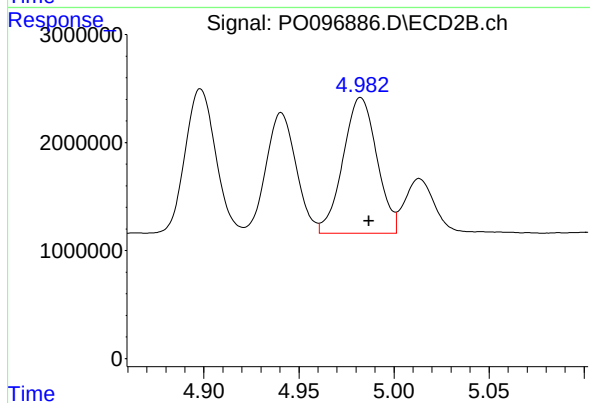
#13 AR-1232-3

R.T.: 4.898 min
Delta R.T.: -0.004 min
Response: 14749837
Conc: 972.82 ng/ml



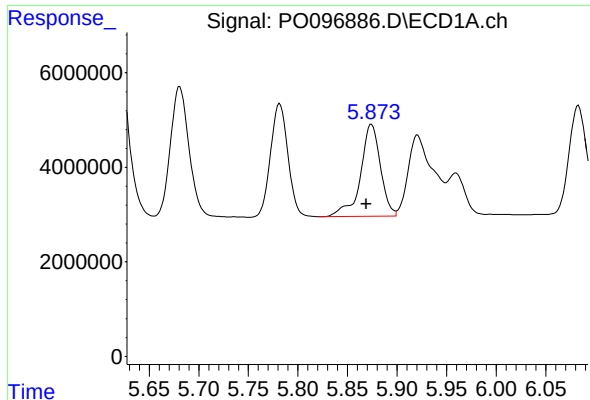
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 29116158
Conc: 954.20 ng/ml



#14 AR-1232-4

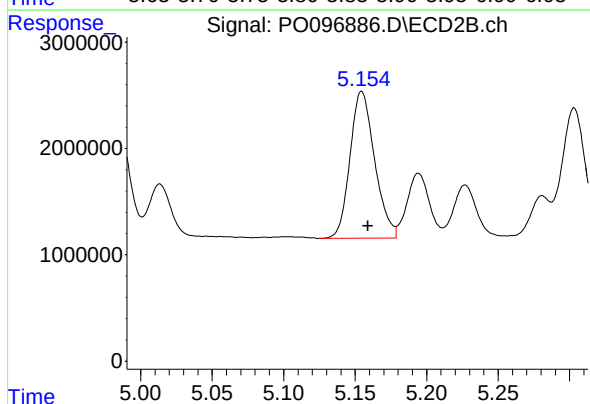
R.T.: 4.983 min
Delta R.T.: -0.004 min
Response: 15572747
Conc: 1042.03 ng/ml



#15 AR-1232-5

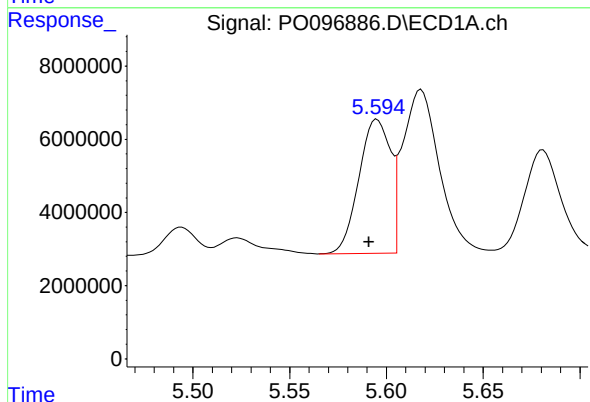
R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 27056402
Conc: 966.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



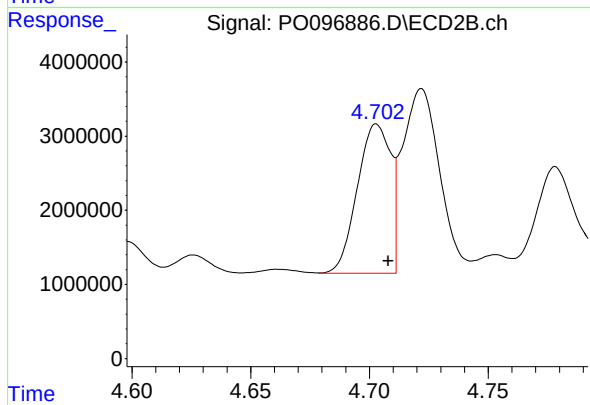
#15 AR-1232-5

R.T.: 5.155 min
Delta R.T.: -0.004 min
Response: 16582720
Conc: 1014.43 ng/ml



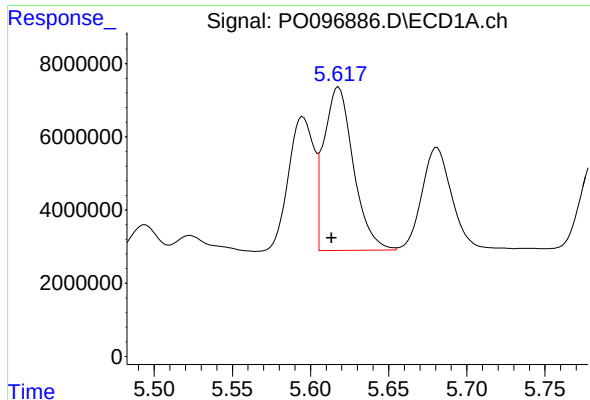
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 41617343
Conc: 496.53 ng/ml



#16 AR-1242-1

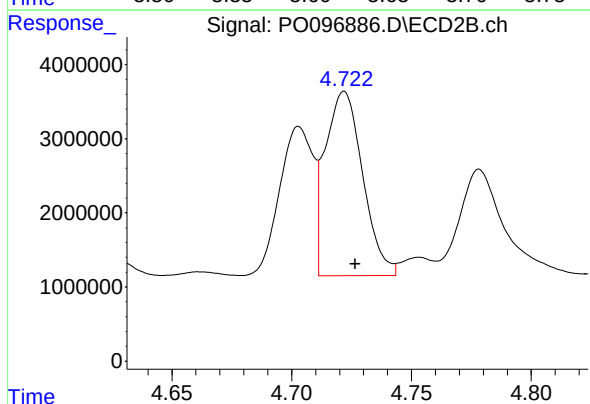
R.T.: 4.703 min
Delta R.T.: -0.005 min
Response: 19639919
Conc: 498.16 ng/ml



#17 AR-1242-2

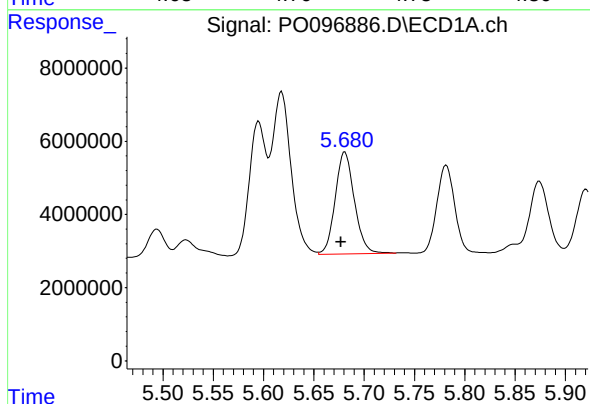
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 58725766
Conc: 498.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



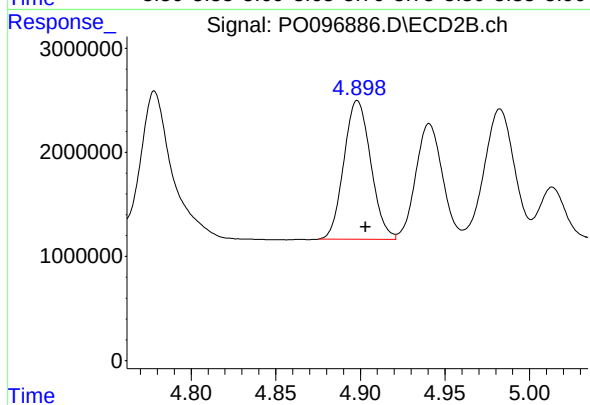
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: -0.005 min
Response: 27069678
Conc: 496.77 ng/ml



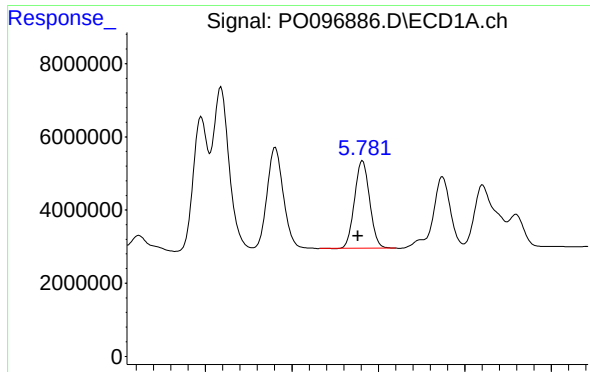
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 36890135
Conc: 499.38 ng/ml



#18 AR-1242-3

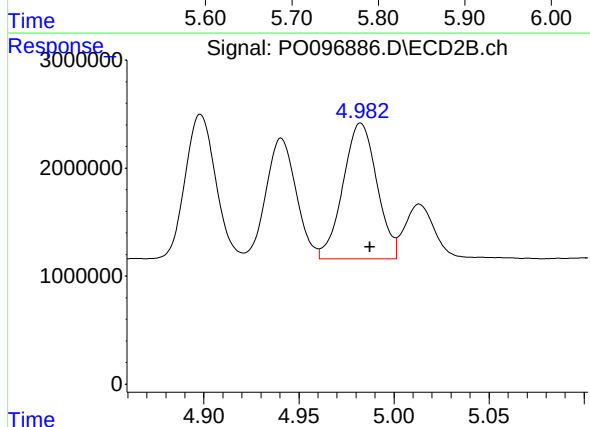
R.T.: 4.898 min
Delta R.T.: -0.005 min
Response: 14749837
Conc: 498.83 ng/ml



#19 AR-1242-4

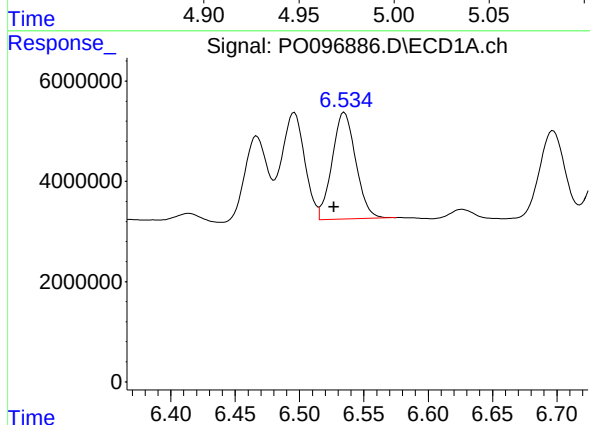
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 29116158
Conc: 489.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



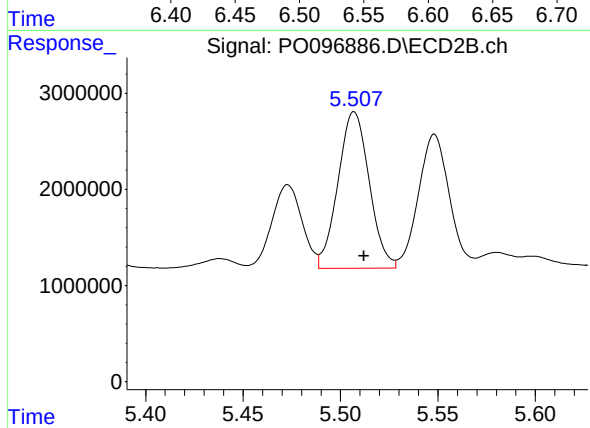
#19 AR-1242-4

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 15572747
Conc: 494.16 ng/ml



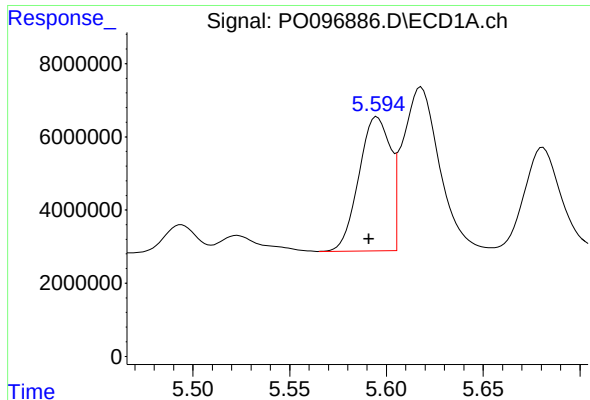
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 27099098
Conc: 492.53 ng/ml



#20 AR-1242-5

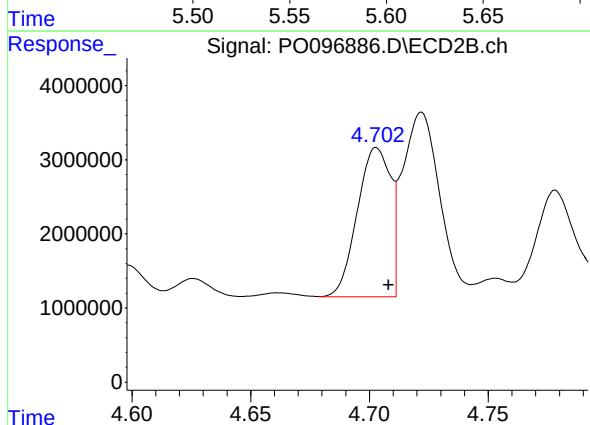
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 18204664
Conc: 499.63 ng/ml



#21 AR-1248-1

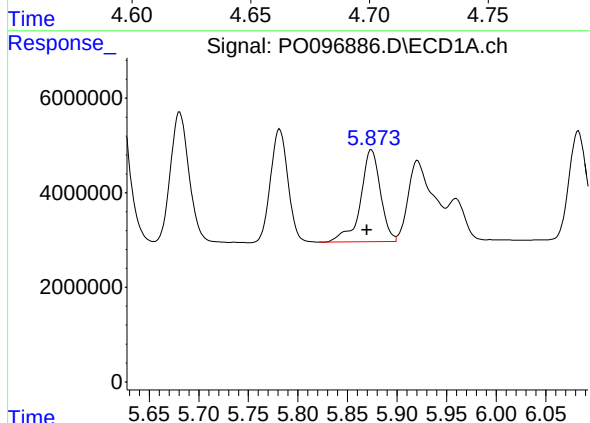
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 41617343
Conc: 710.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



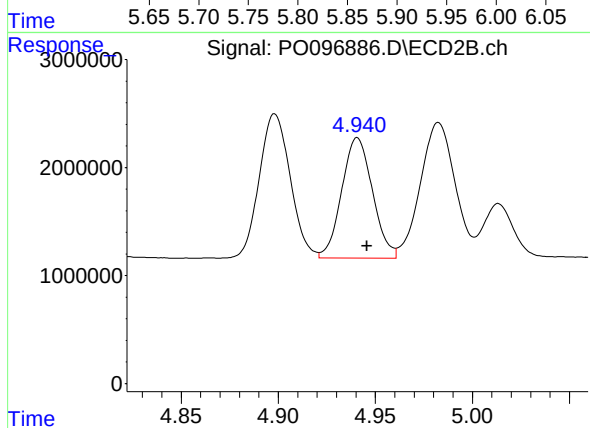
#21 AR-1248-1

R.T.: 4.703 min
Delta R.T.: -0.005 min
Response: 19639919
Conc: 699.86 ng/ml



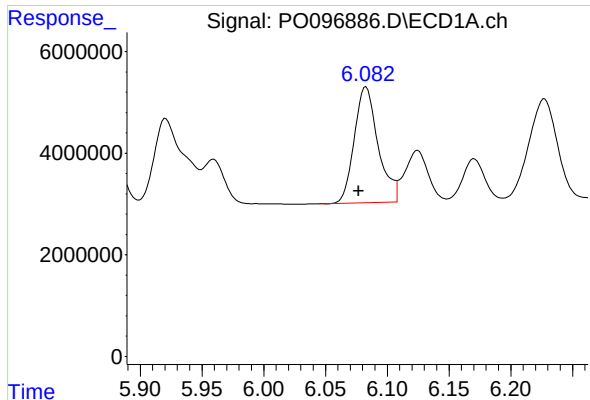
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 27056402
Conc: 287.78 ng/ml



#22 AR-1248-2

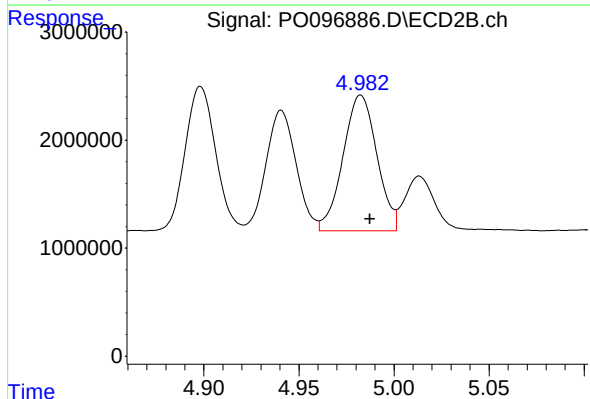
R.T.: 4.941 min
Delta R.T.: -0.005 min
Response: 12276089
Conc: 289.66 ng/ml



#23 AR-1248-3

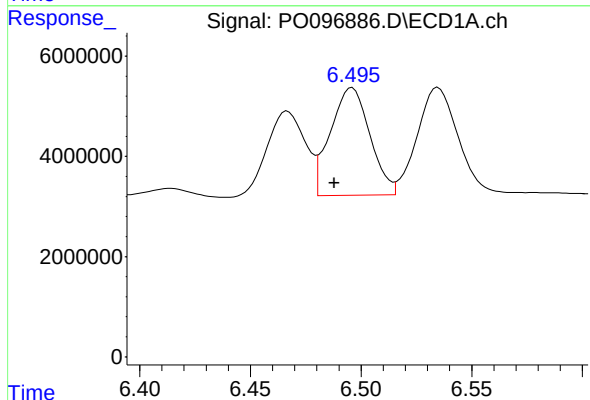
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 30617912
Conc: 313.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



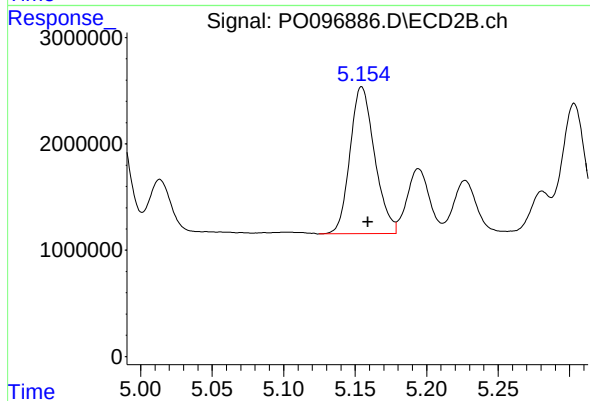
#23 AR-1248-3

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 15572747
Conc: 355.02 ng/ml



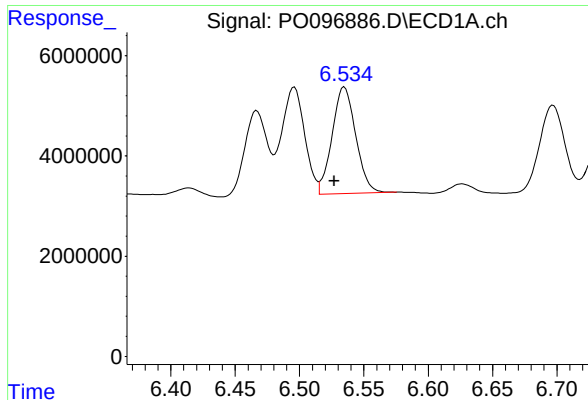
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.008 min
Response: 26773120
Conc: 294.72 ng/ml



#24 AR-1248-4

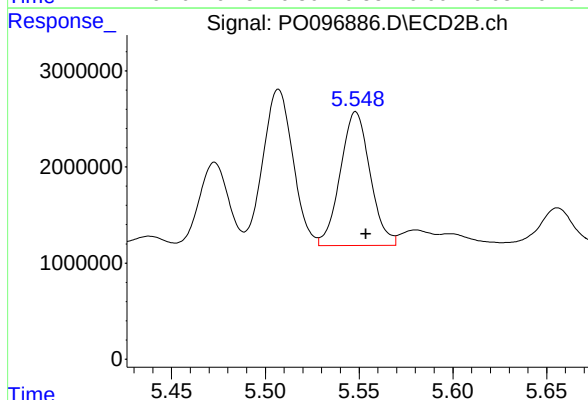
R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 16582720
Conc: 324.83 ng/ml



#25 AR-1248-5

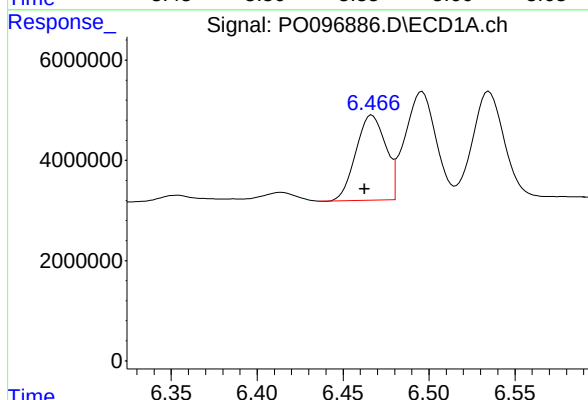
R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 27099098
Conc: 307.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



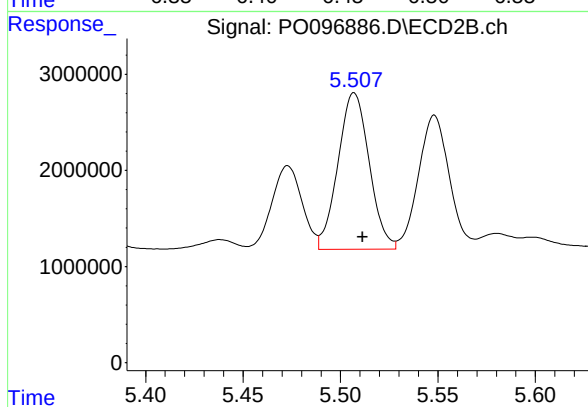
#25 AR-1248-5

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 15423987
Conc: 329.91 ng/ml



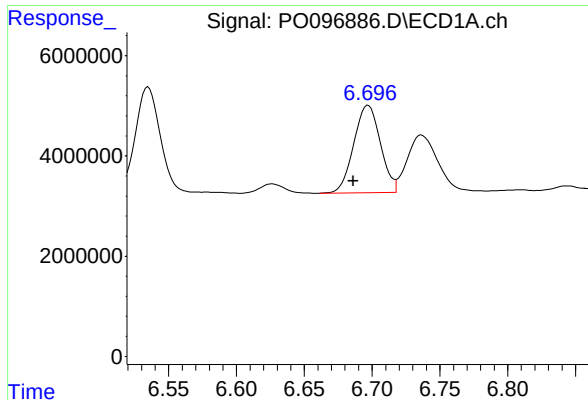
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.004 min
Response: 20439035
Conc: 187.02 ng/ml



#26 AR-1254-1

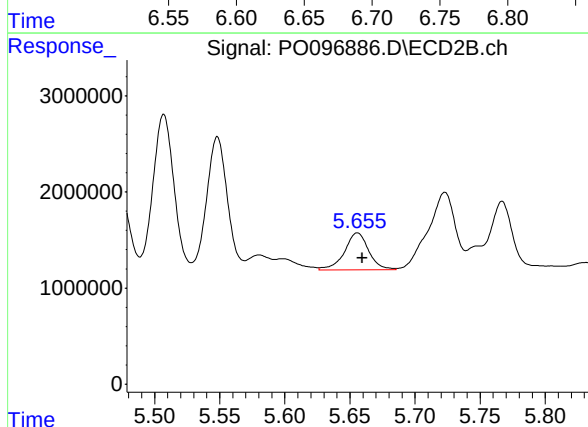
R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 18204664
Conc: 246.69 ng/ml



#27 AR-1254-2

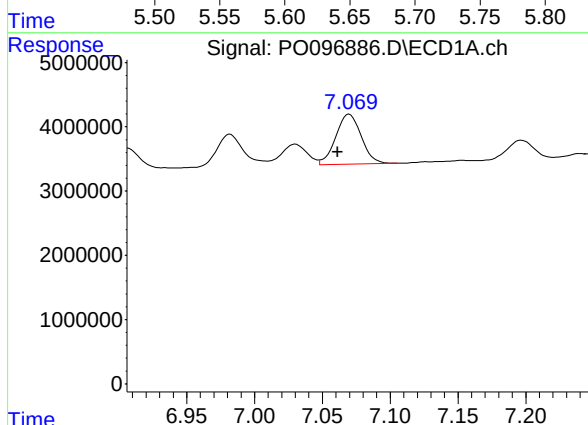
R.T.: 6.697 min
Delta R.T.: 0.011 min
Response: 23832213
Conc: 147.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



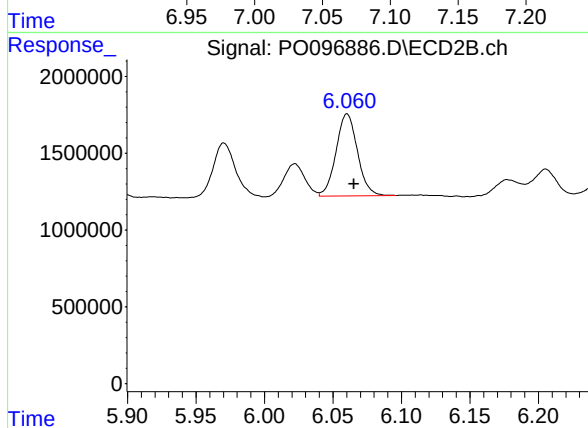
#27 AR-1254-2

R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 5007439
Conc: 76.01 ng/ml



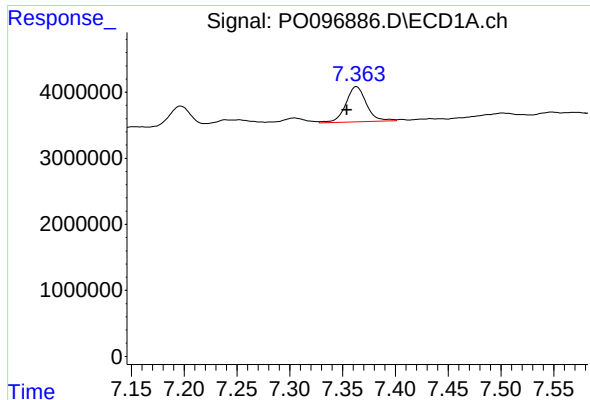
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 10161819
Conc: 64.85 ng/ml



#28 AR-1254-3

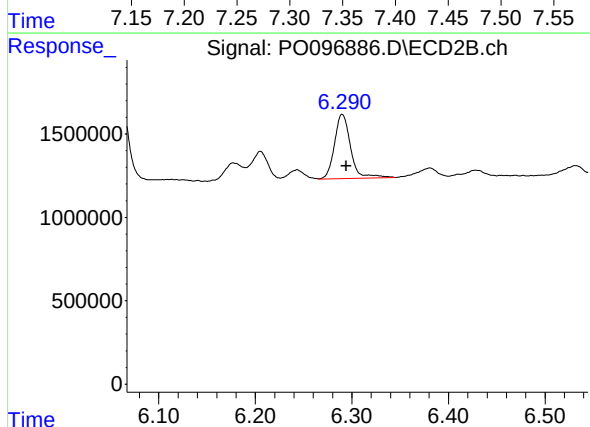
R.T.: 6.060 min
Delta R.T.: -0.005 min
Response: 5820474
Conc: 57.59 ng/ml



#29 AR-1254-4

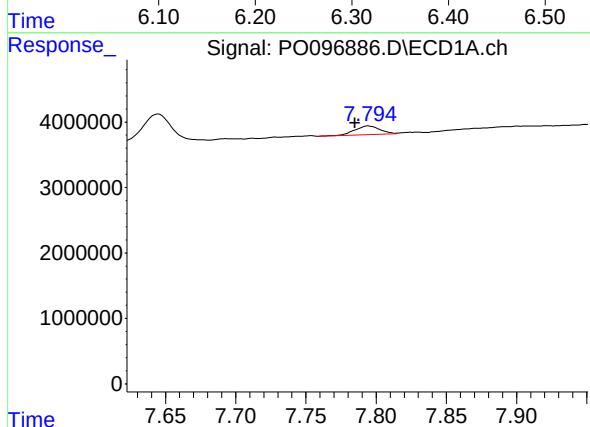
R.T.: 7.363 min
Delta R.T.: 0.009 min
Response: 7186579
Conc: 71.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



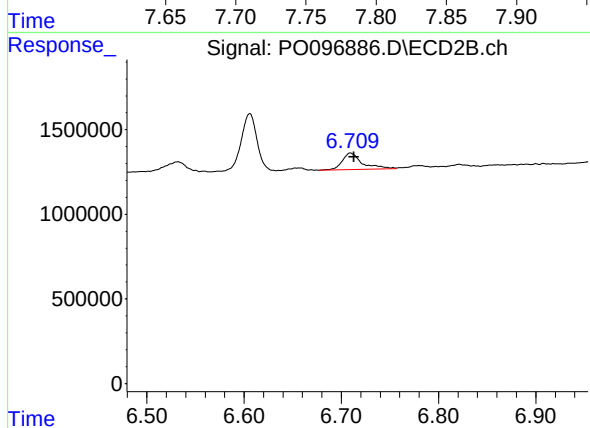
#29 AR-1254-4

R.T.: 6.290 min
Delta R.T.: -0.004 min
Response: 4441542
Conc: 76.74 ng/ml



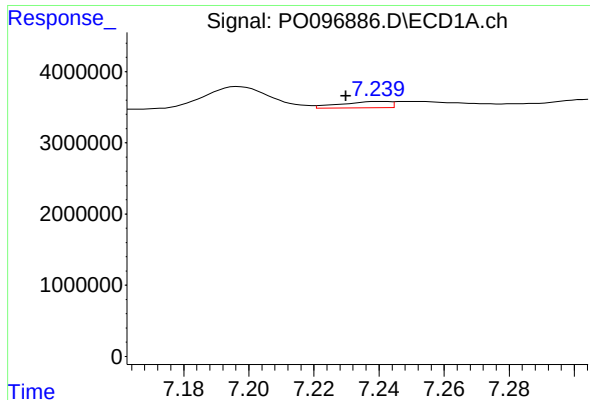
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.010 min
Response: 1635243
Conc: 14.57 ng/ml



#30 AR-1254-5

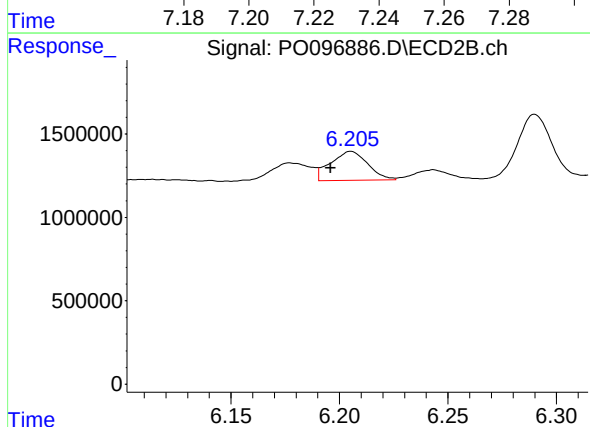
R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 1401059
Conc: 15.94 ng/ml



#31 AR-1260-1

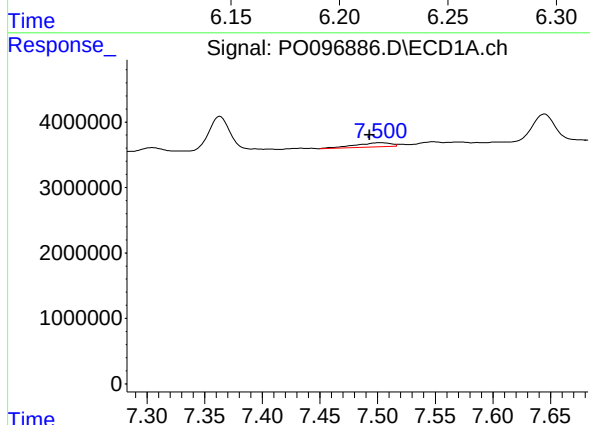
R.T.: 7.240 min
Delta R.T.: 0.010 min
Response: 922557
Conc: 7.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



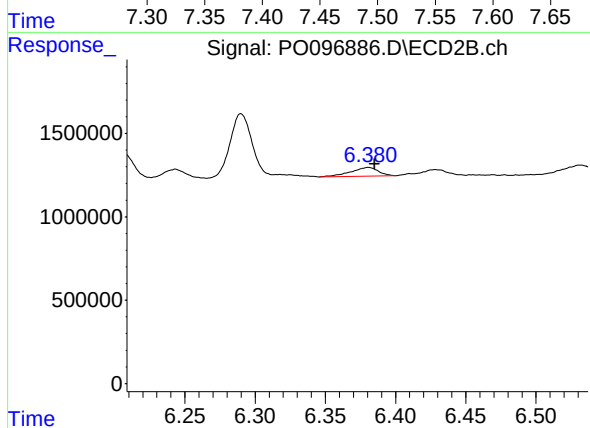
#31 AR-1260-1

R.T.: 6.205 min
Delta R.T.: 0.009 min
Response: 2069254
Conc: 29.41 ng/ml



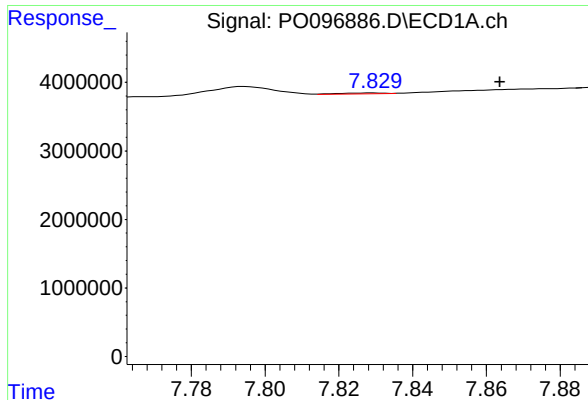
#32 AR-1260-2

R.T.: 7.501 min
Delta R.T.: 0.008 min
Response: 1317090
Conc: 9.78 ng/ml



#32 AR-1260-2

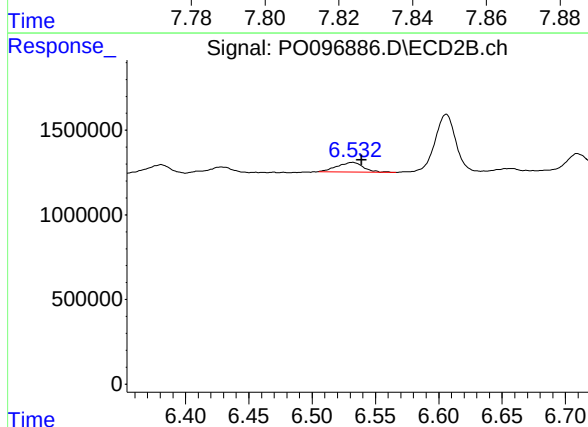
R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 712661
Conc: 8.54 ng/ml



#33 AR-1260-3

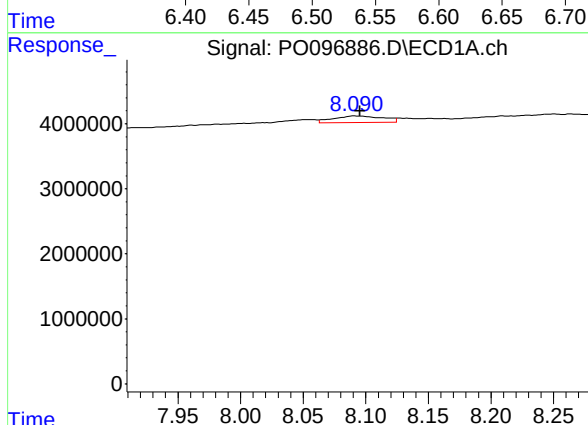
R.T.: 7.830 min
Delta R.T.: -0.034 min
Response: 104336
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



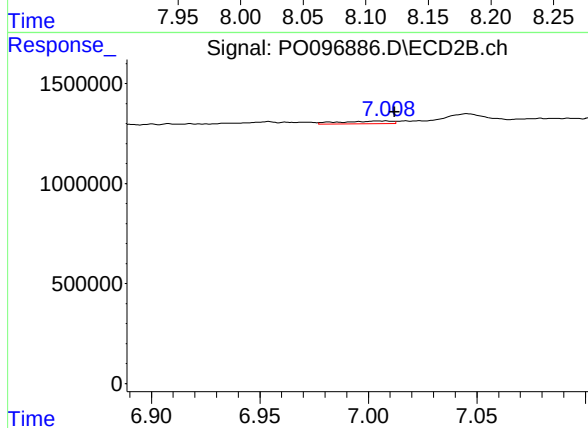
#33 AR-1260-3

R.T.: 6.532 min
Delta R.T.: -0.007 min
Response: 811624
Conc: 10.51 ng/ml



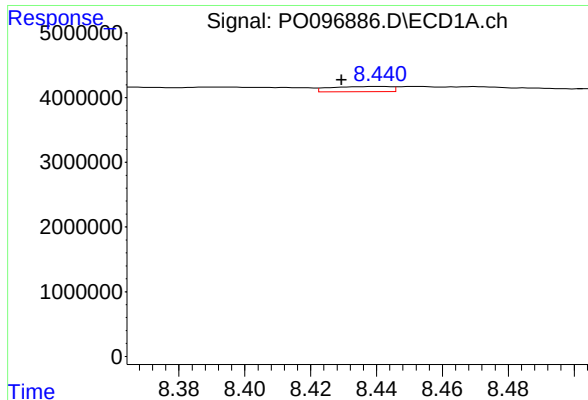
#34 AR-1260-4

R.T.: 8.091 min
Delta R.T.: -0.004 min
Response: 2805623
Conc: 25.09 ng/ml



#34 AR-1260-4

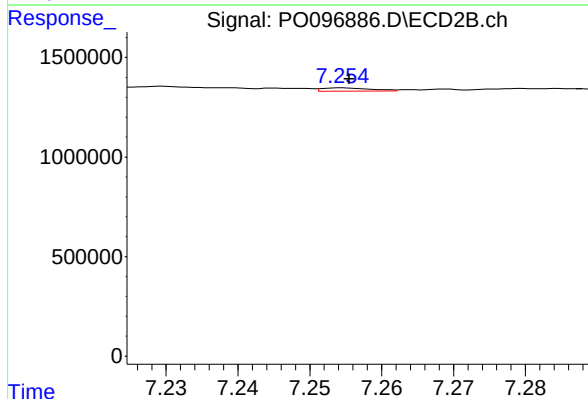
R.T.: 7.008 min
Delta R.T.: -0.004 min
Response: 225067
Conc: 3.51 ng/ml



#35 AR-1260-5

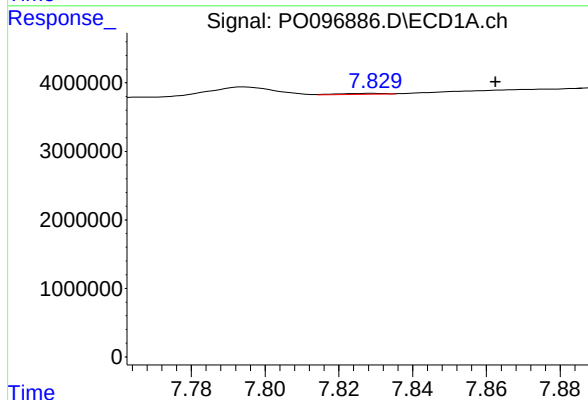
R.T.: 8.441 min
Delta R.T.: 0.011 min
Response: 1003472
Conc: 4.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



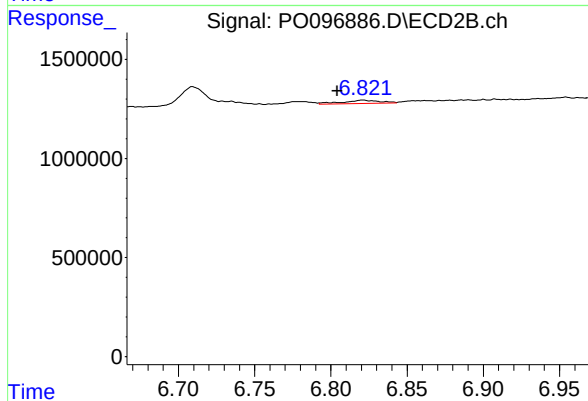
#35 AR-1260-5

R.T.: 7.254 min
Delta R.T.: -0.001 min
Response: 77084
Conc: 0.56 ng/ml



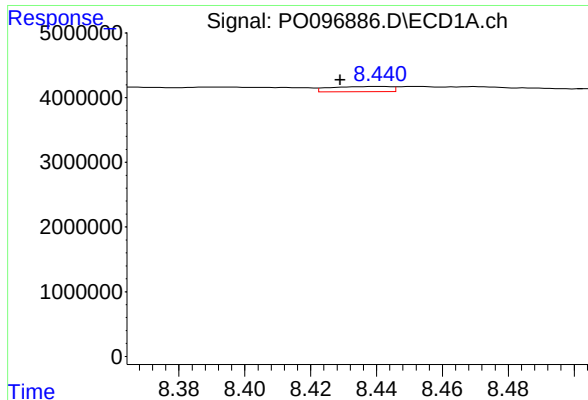
#36 AR-1262-1

R.T.: 7.830 min
Delta R.T.: -0.033 min
Response: 104336
Conc: 0.70 ng/ml



#36 AR-1262-1

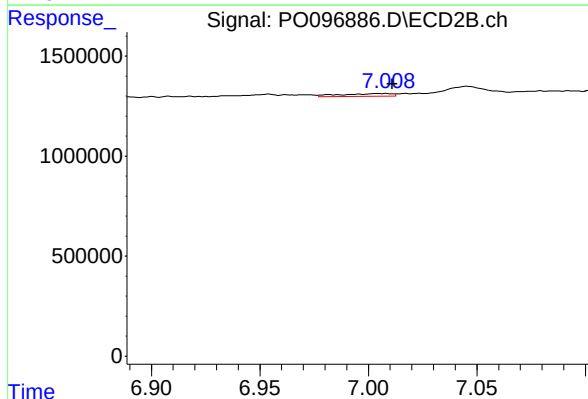
R.T.: 6.821 min
Delta R.T.: 0.017 min
Response: 278585
Conc: 7.08 ng/ml



#37 AR-1262-2

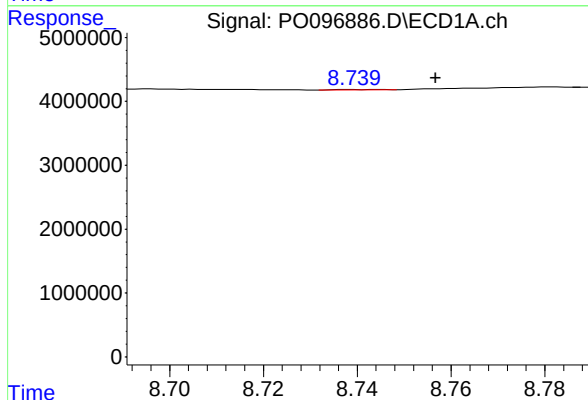
R.T.: 8.441 min
Delta R.T.: 0.012 min
Response: 1003472
Conc: 4.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



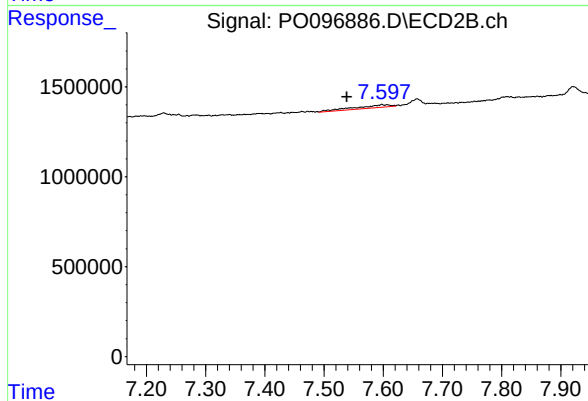
#37 AR-1262-2

R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 225067
Conc: 2.78 ng/ml



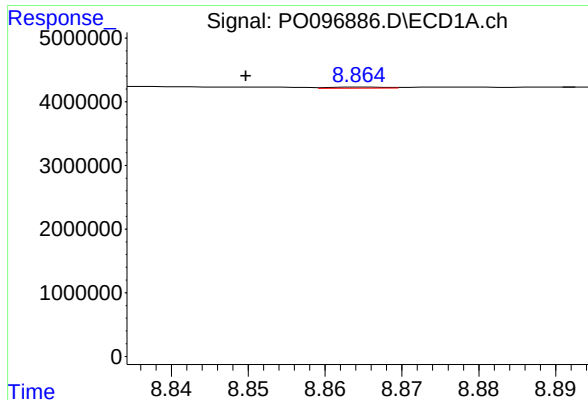
#38 AR-1262-3

R.T.: 8.739 min
Delta R.T.: -0.017 min
Response: 54675
Conc: 0.33 ng/ml



#38 AR-1262-3

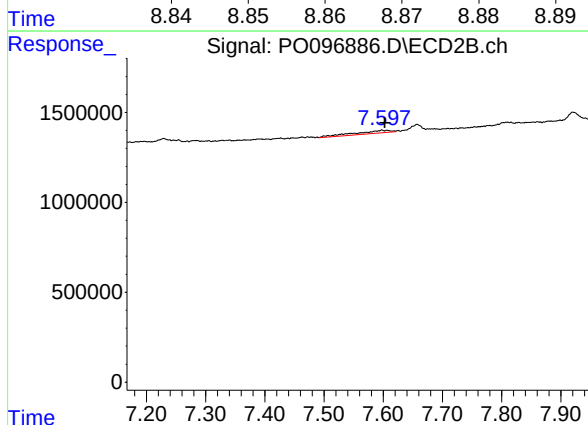
R.T.: 7.598 min
Delta R.T.: 0.059 min
Response: 684780
Conc: 10.67 ng/ml



#39 AR-1262-4

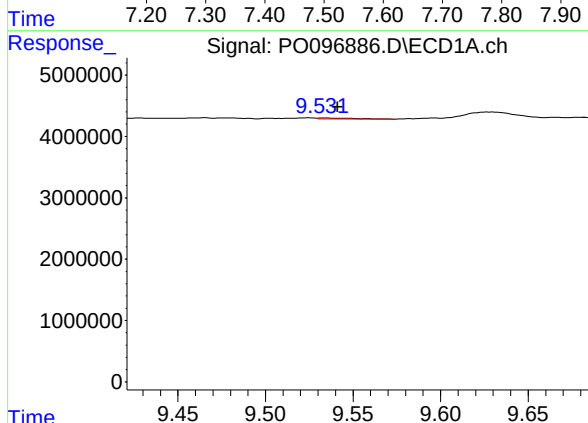
R.T.: 8.865 min
Delta R.T.: 0.015 min
Response: 80397
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



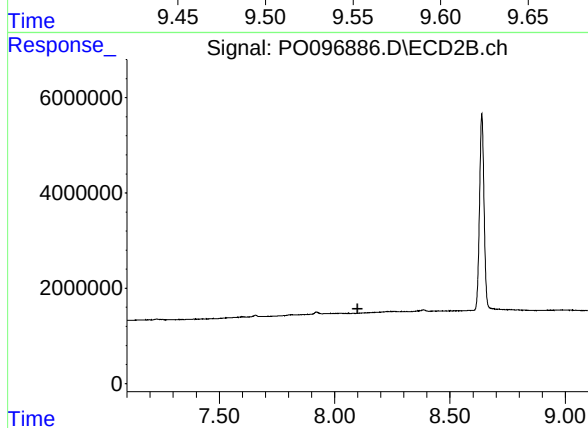
#39 AR-1262-4

R.T.: 7.598 min
Delta R.T.: -0.005 min
Response: 684780
Conc: 6.03 ng/ml



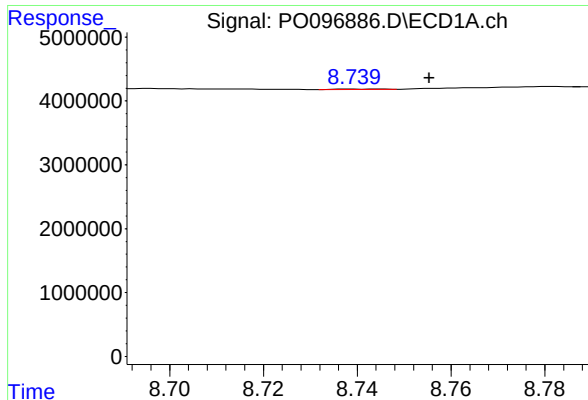
#40 AR-1262-5

R.T.: 9.533 min
Delta R.T.: -0.009 min
Response: 227800
Conc: 2.74 ng/ml



#40 AR-1262-5

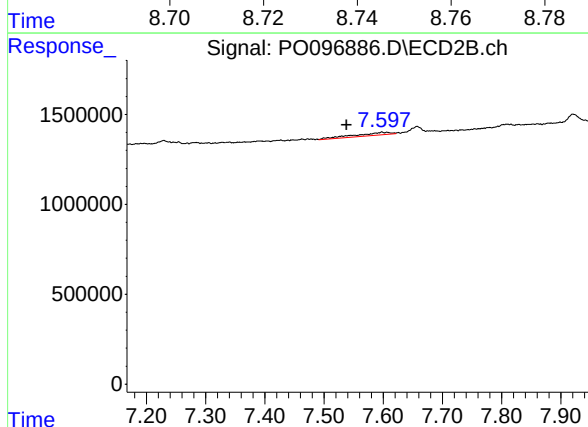
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

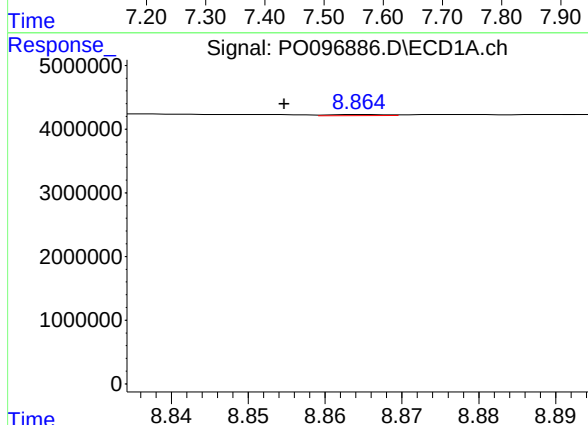
R.T.: 8.739 min
Delta R.T.: -0.016 min
Response: 54675
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



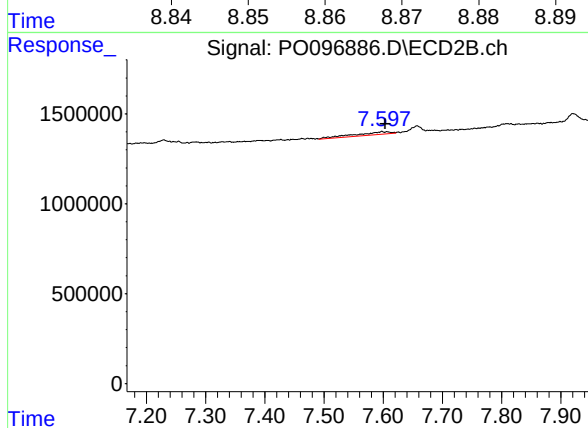
#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: 0.060 min
Response: 684780
Conc: 3.70 ng/ml



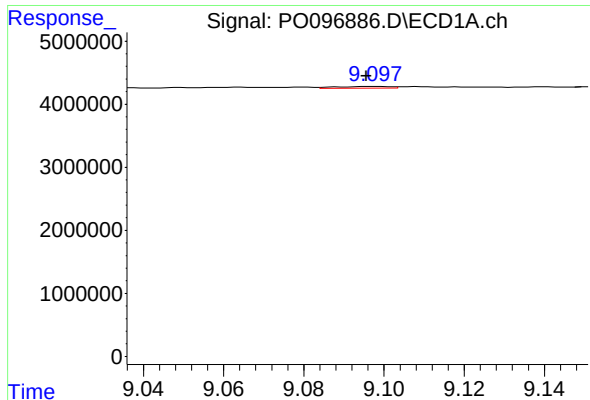
#42 AR-1268-2

R.T.: 8.865 min
Delta R.T.: 0.010 min
Response: 80397
Conc: 0.29 ng/ml



#42 AR-1268-2

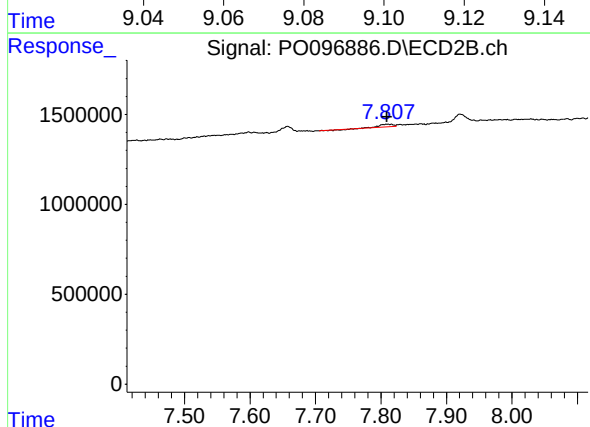
R.T.: 7.598 min
Delta R.T.: -0.006 min
Response: 684780
Conc: 4.08 ng/ml



#43 AR-1268-3

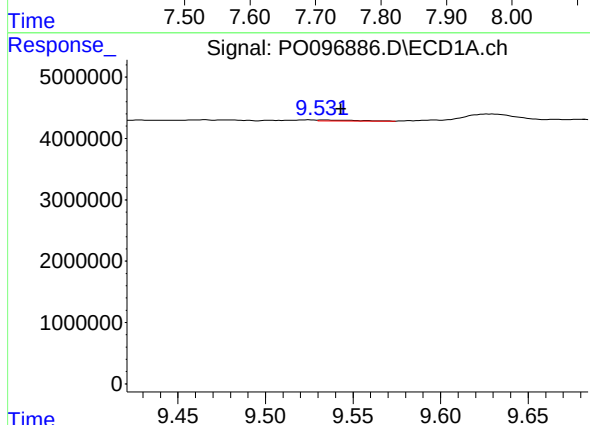
R.T.: 9.098 min
Delta R.T.: 0.002 min
Response: 266835
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



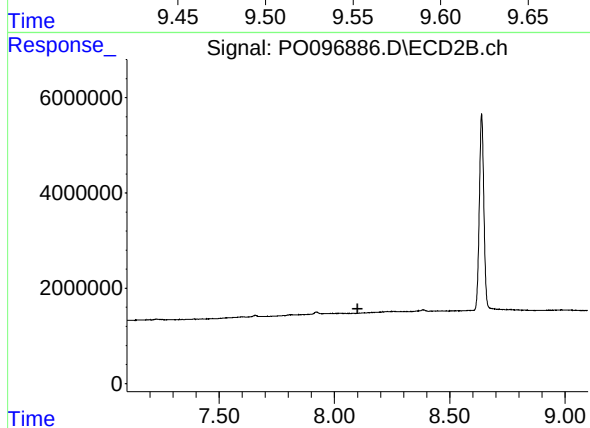
#43 AR-1268-3

R.T.: 7.816 min
Delta R.T.: 0.007 min
Response: 199539
Conc: 1.38 ng/ml



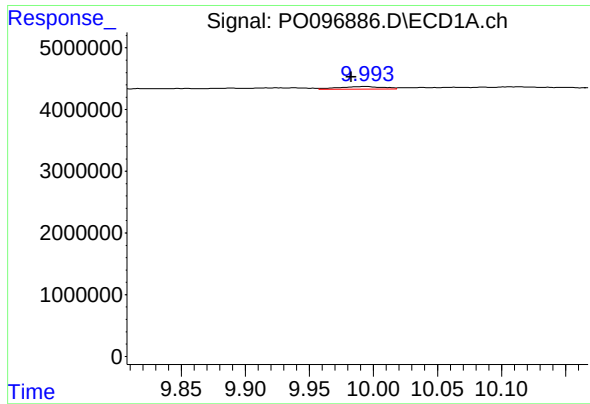
#44 AR-1268-4

R.T.: 9.533 min
Delta R.T.: -0.011 min
Response: 227800
Conc: 2.46 ng/ml



#44 AR-1268-4

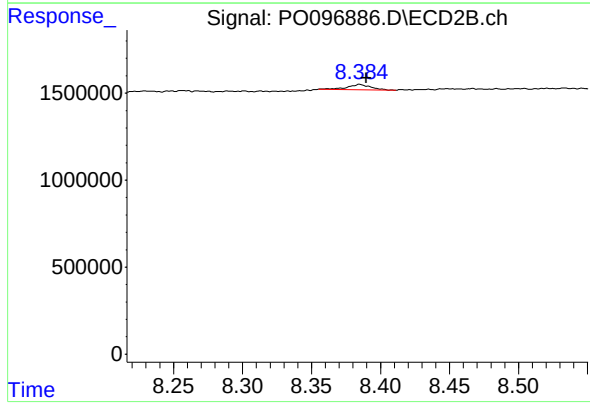
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.994 min
Delta R.T.: 0.011 min
Response: 1048644
Conc: 1.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: -0.005 min
Response: 373496
Conc: 0.90 ng/ml