

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 13:54
 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 17 01:17:43 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...	4.412	3.616	161.1E6	65543118	48.663	49.512
2) SA Decachlor...	10.351	8.633	113.0E6	55892652	51.662	48.311
Target Compounds						
3) L1 AR-1016-1	5.597	4.701	1386296	633594	14.719	14.291
4) L1 AR-1016-2	5.626	4.719	1630543	524865	12.189	8.580 #
5) L1 AR-1016-3	5.685	4.896	711817	339809	8.180	10.402 #
6) L1 AR-1016-4	5.784	4.938	758977	15193845	11.299	531.506 #
7) L1 AR-1016-5	6.086	5.151	18361166	9277213	262.990	241.302
8) L2 AR-1221-1	4.601	0.000	349803	0	8.583	N.D. #
9) L2 AR-1221-2	4.688	3.916	33065	903481	1.088	69.925 #
10) L2 AR-1221-3	4.788	3.991	561368	229555	6.413	5.783
11) L3 AR-1232-1	4.788	3.991	561368	229555	7.697	7.097
12) L3 AR-1232-2	5.325	4.719	866443	524865	21.855	18.191
13) L3 AR-1232-3	5.626	4.896	1630543	339809	26.655	22.412
14) L3 AR-1232-4	5.784	4.978	758977	4617404	24.873	308.967 #
15) L3 AR-1232-5	5.877	5.151	32492352	9277213	1161.139	567.526 #
16) L4 AR-1242-1	5.597	4.701	1386296	633594	16.540	16.071
17) L4 AR-1242-2	5.626	4.719	1630543	524865	13.846	9.632 #
18) L4 AR-1242-3	5.685	4.896	711817	339809	9.636	11.492
19) L4 AR-1242-4	5.784	4.978	758977	4617404	12.749	146.520 #
20) L4 AR-1242-5	6.541	5.504	15489048	34815529	281.518	955.521 #
21) L5 AR-1248-1	5.597	4.701	1386296	633594	23.659	22.578
22) L5 AR-1248-2	5.877	4.938	32492352	15193845	345.599	358.506
23) L5 AR-1248-3	6.086	4.978	18361166	4617404	187.725	105.264 #
24) L5 AR-1248-4	6.497	5.151	23176571	9277213	255.126	181.728 #
25) L5 AR-1248-5	6.541	5.545	15489048	4352497	175.840	93.098 #
26) L6 AR-1254-1	6.472	5.504	51784323	34815529	473.822	471.779
27) L6 AR-1254-2	6.697	5.652	76775196	30961848	476.192	469.971
28) L6 AR-1254-3	7.073	6.057	75223653	48061241	480.059	475.559
29) L6 AR-1254-4	7.366	6.287	51298555	28694748	508.823	495.807
30) L6 AR-1254-5	7.797	6.705	56846476	42029756	506.588	478.072
31) L7 AR-1260-1	7.242	6.188	32057148	24069704	255.053	342.054 #
32) L7 AR-1260-2	7.505	6.376	33324711	19542311	247.335	234.143
33) L7 AR-1260-3	7.859	6.528	8227449	19147976	79.282	247.968 #
34) L7 AR-1260-4	8.093	7.002	22461250	2049717	200.899	31.986 #
35) L7 AR-1260-5	8.441	7.246	8039061	4938793	38.285	35.625
36) L8 AR-1262-1	7.859	6.795	8227449	1342436	55.394	34.099 #
37) L8 AR-1262-2	8.441	7.002	8039061	2049717	34.731	25.272 #
38) L8 AR-1262-3	8.784	7.532	6592076	201706	39.521	3.143 #
39) L8 AR-1262-4	8.833	7.592	2002080	4730515	27.461	41.642 #
40) L8 AR-1262-5	9.546	8.094	594435	203652	7.138	3.878 #
41) L9 AR-1268-1	8.784	7.532	6592076	201706	21.444	1.089 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 17 01:17:43 2023
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 Integrator: ChemStation

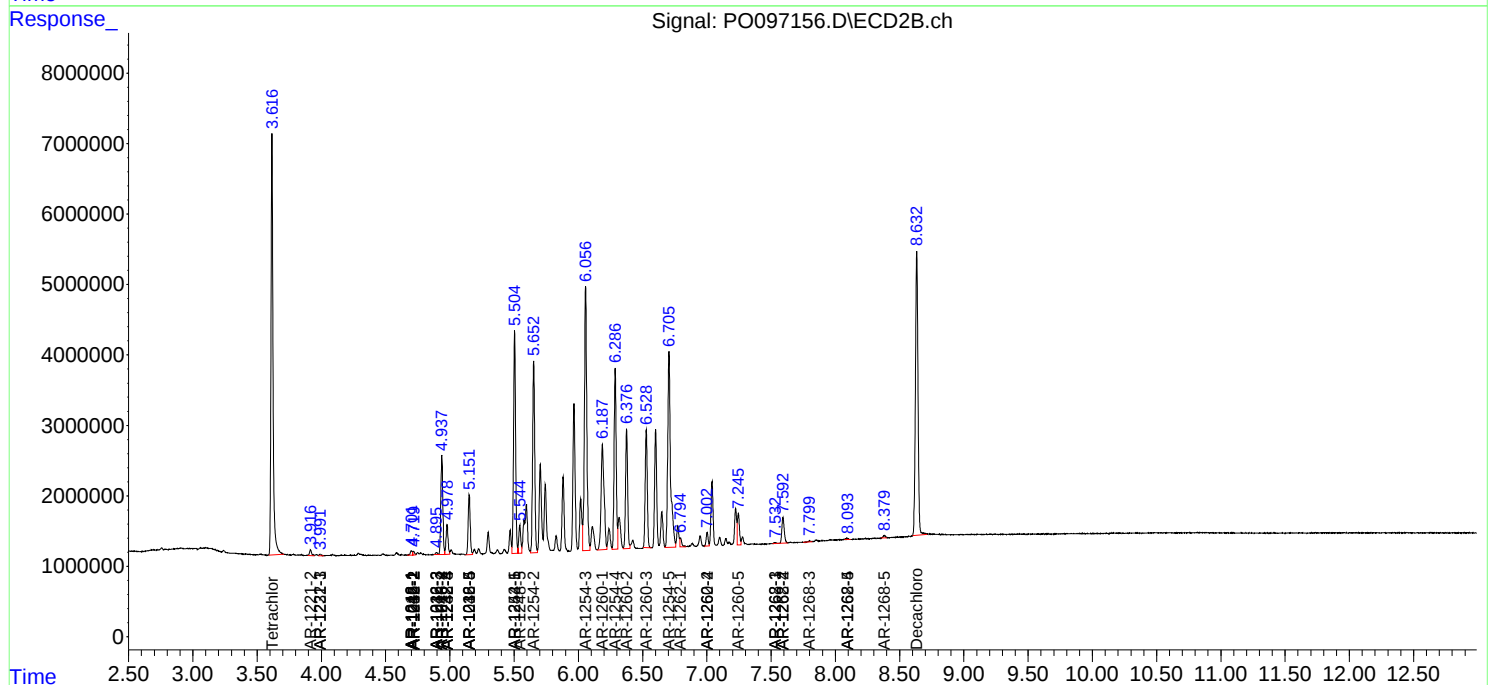
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

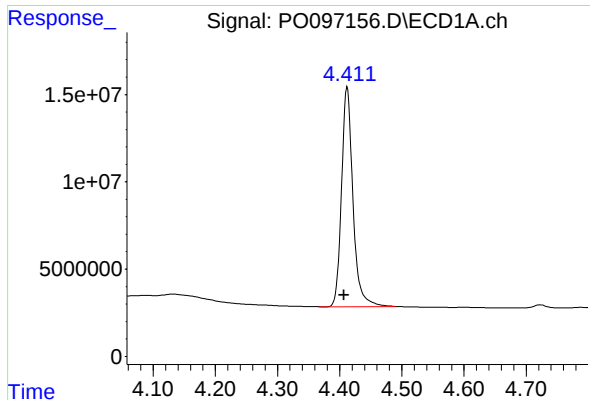
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.869	7.592	339021	4730515	1.236	28.210 #
43) L9	AR-1268-3	9.097	7.800	793008	243255	3.105	1.684 #
44) L9	AR-1268-4	9.546	8.094	594435	203652	6.412	3.419 #
45) L9	AR-1268-5	9.990	8.380	836773	430112	1.036	1.034

(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

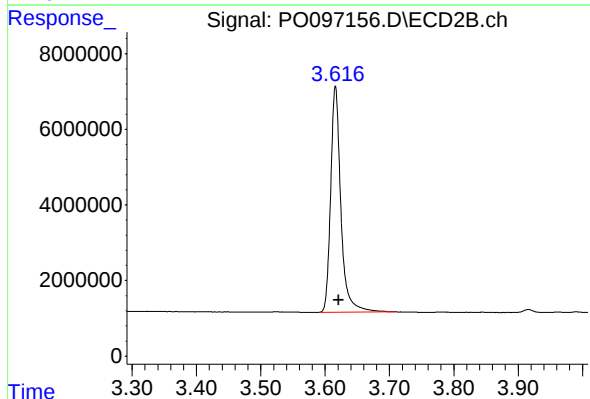




#1 Tetrachloro-m-xylene

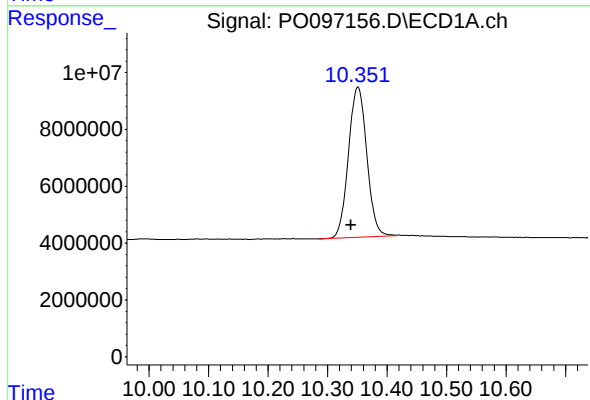
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 161084975
Conc: 48.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



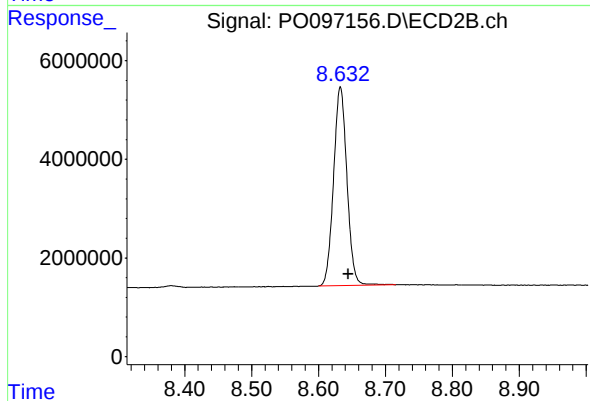
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.005 min
Response: 65543118
Conc: 49.51 ng/ml



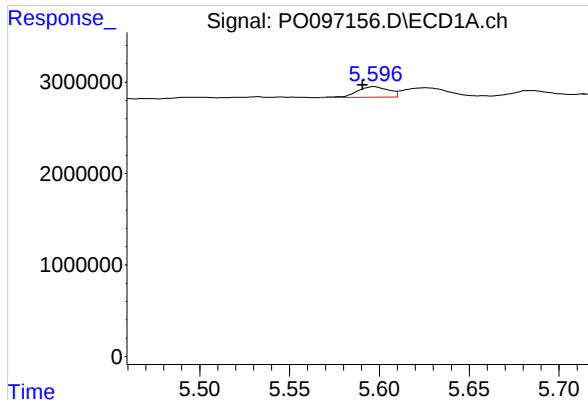
#2 Decachlorobiphenyl

R.T.: 10.351 min
Delta R.T.: 0.012 min
Response: 113045832
Conc: 51.66 ng/ml



#2 Decachlorobiphenyl

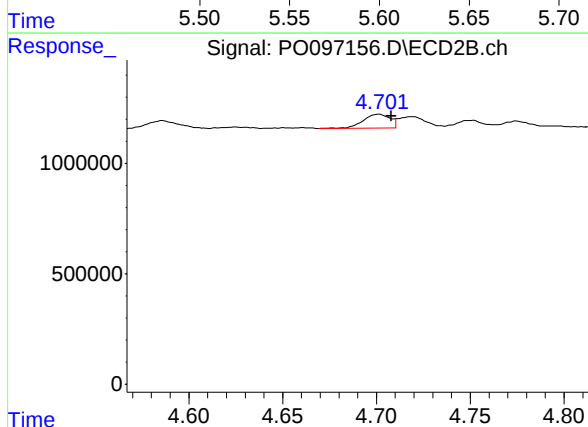
R.T.: 8.633 min
Delta R.T.: -0.011 min
Response: 55892652
Conc: 48.31 ng/ml



#3 AR-1016-1

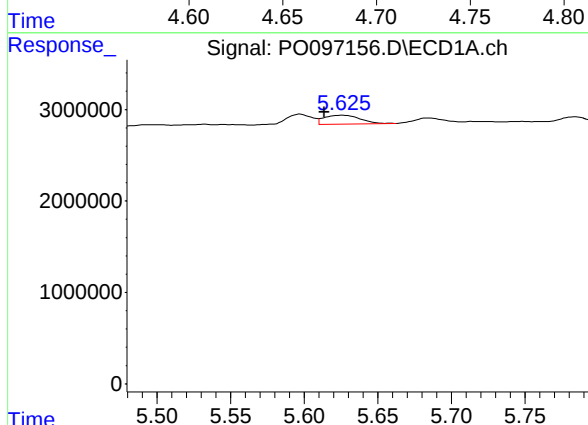
R.T.: 5.597 min
Delta R.T.: 0.007 min
Response: 1386296
Conc: 14.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



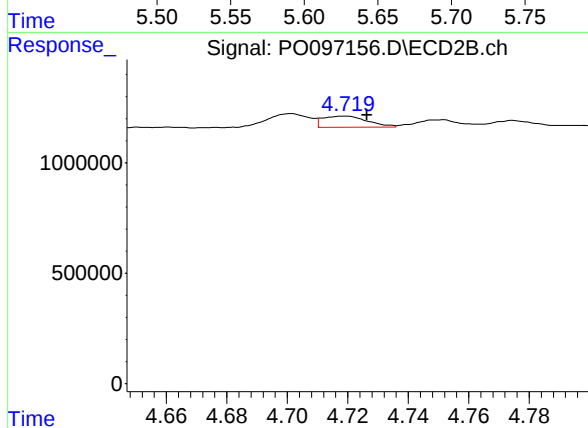
#3 AR-1016-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 633594
Conc: 14.29 ng/ml



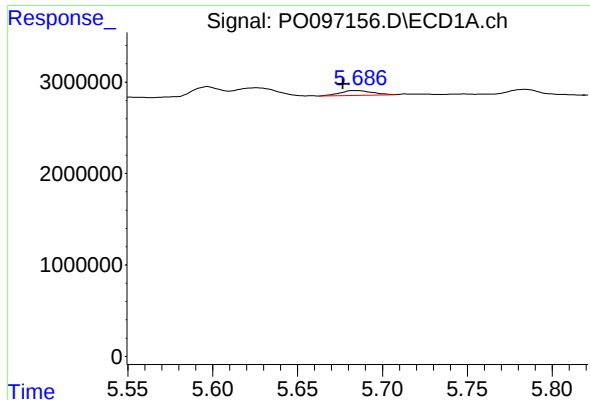
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: 0.012 min
Response: 1630543
Conc: 12.19 ng/ml



#4 AR-1016-2

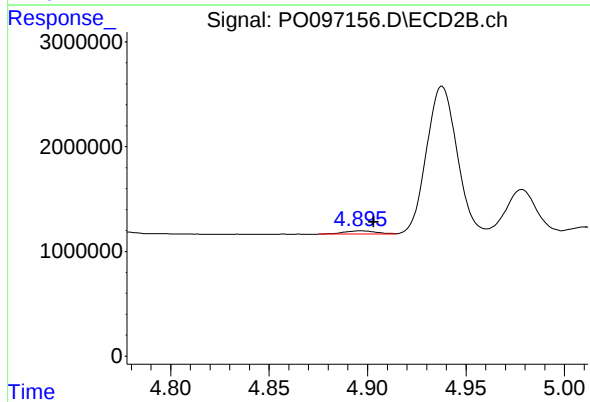
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 524865
Conc: 8.58 ng/ml



#5 AR-1016-3

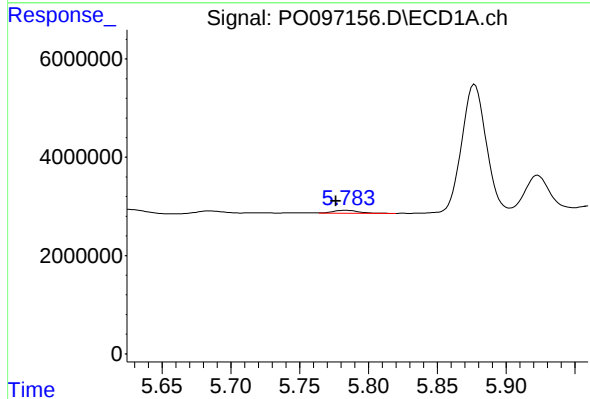
R.T.: 5.685 min
Delta R.T.: 0.008 min
Response: 711817
Conc: 8.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



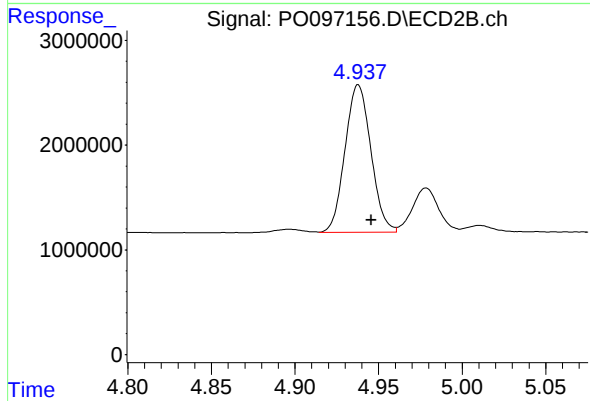
#5 AR-1016-3

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 339809
Conc: 10.40 ng/ml



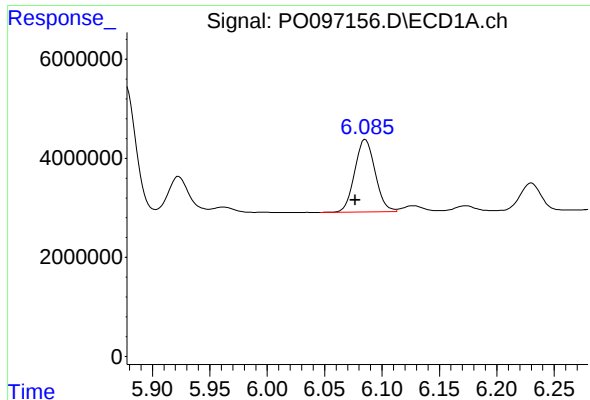
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: 0.008 min
Response: 758977
Conc: 11.30 ng/ml



#6 AR-1016-4

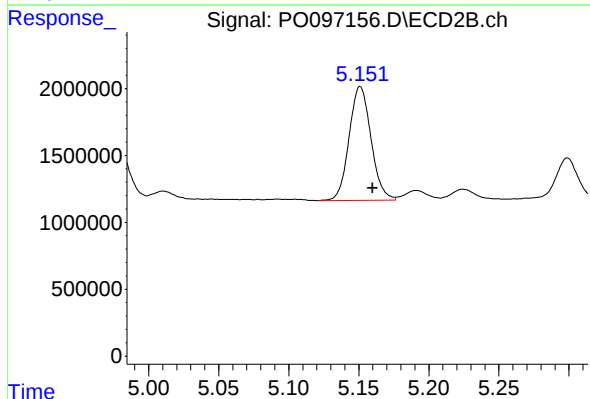
R.T.: 4.938 min
Delta R.T.: -0.008 min
Response: 15193845
Conc: 531.51 ng/ml



#7 AR-1016-5

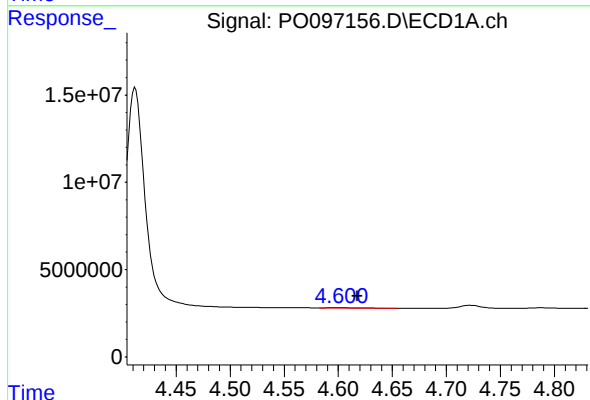
R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 18361166
Conc: 262.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



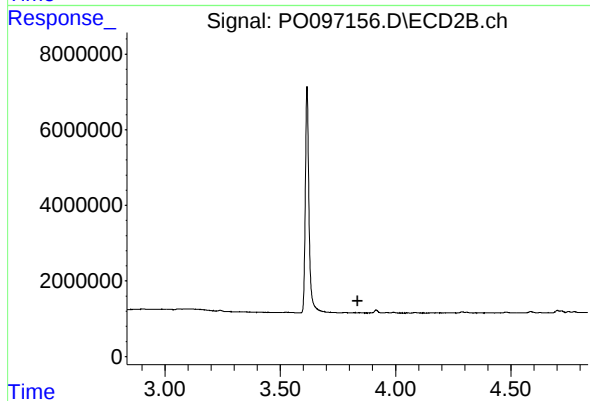
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.009 min
Response: 9277213
Conc: 241.30 ng/ml



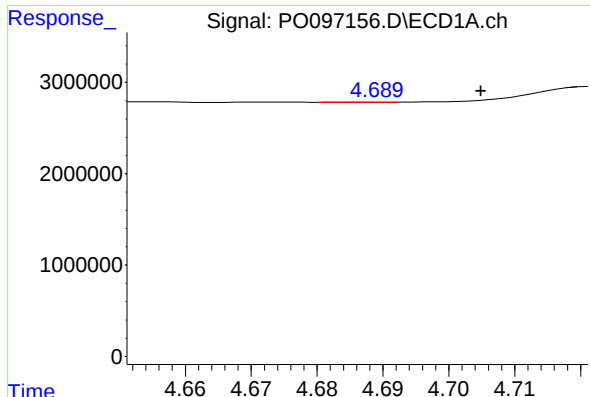
#8 AR-1221-1

R.T.: 4.601 min
Delta R.T.: -0.017 min
Response: 349803
Conc: 8.58 ng/ml



#8 AR-1221-1

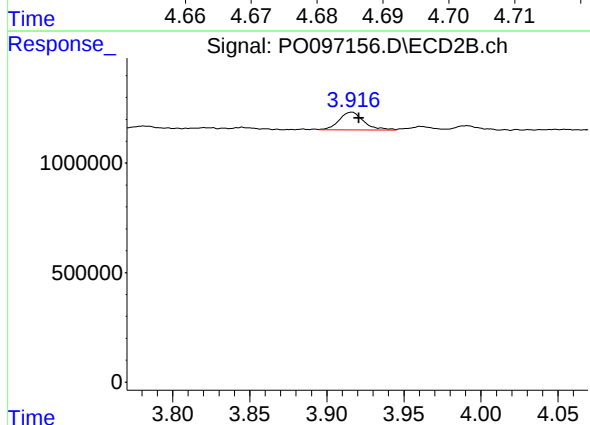
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

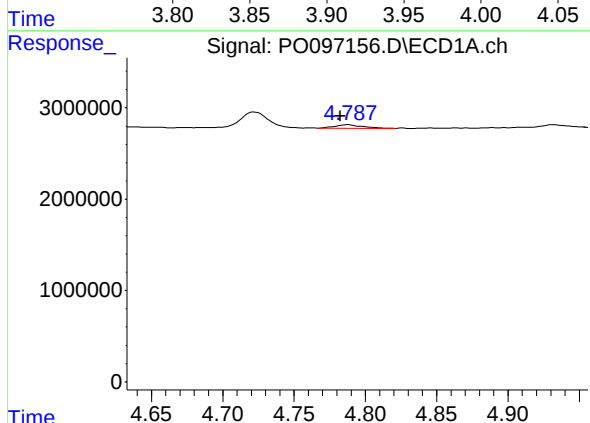
R.T.: 4.688 min
Delta R.T.: -0.017 min
Response: 33065
Conc: 1.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



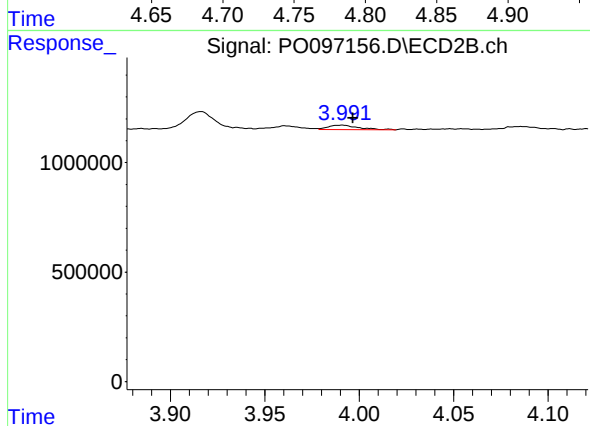
#9 AR-1221-2

R.T.: 3.916 min
Delta R.T.: -0.005 min
Response: 903481
Conc: 69.92 ng/ml



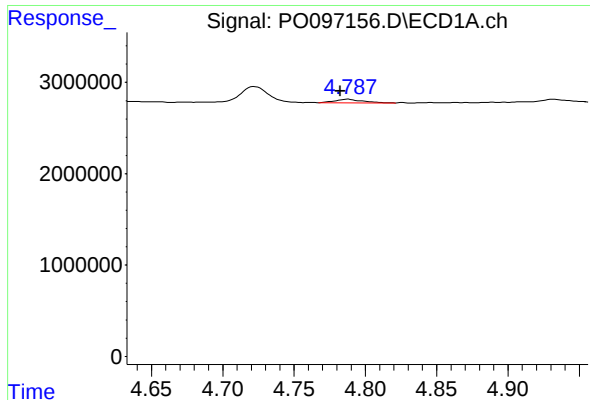
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.006 min
Response: 561368
Conc: 6.41 ng/ml



#10 AR-1221-3

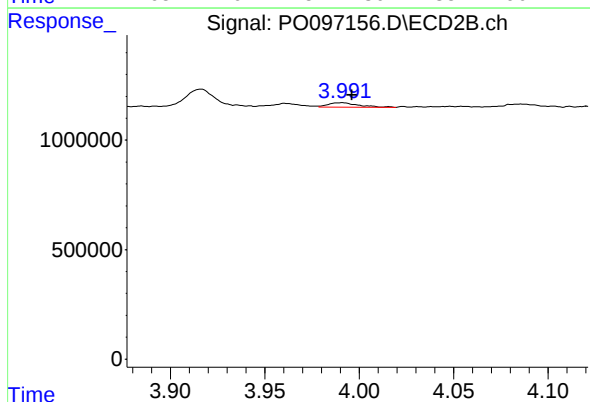
R.T.: 3.991 min
Delta R.T.: -0.006 min
Response: 229555
Conc: 5.78 ng/ml



#11 AR-1232-1

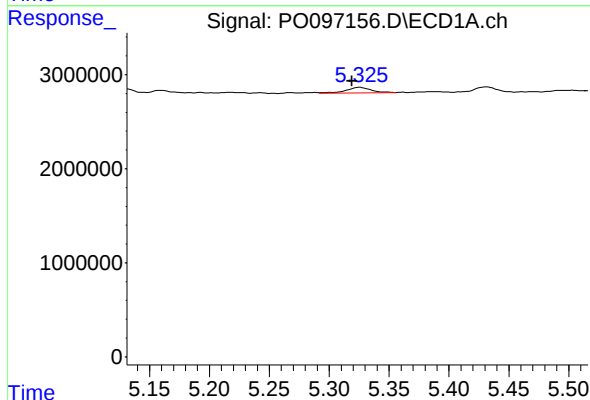
R.T.: 4.788 min
Delta R.T.: 0.006 min
Response: 561368
Conc: 7.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



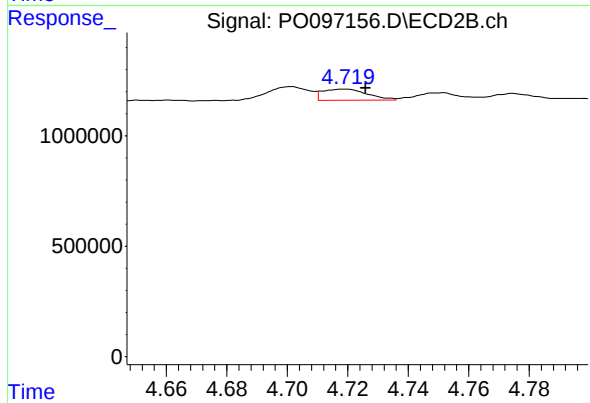
#11 AR-1232-1

R.T.: 3.991 min
Delta R.T.: -0.006 min
Response: 229555
Conc: 7.10 ng/ml



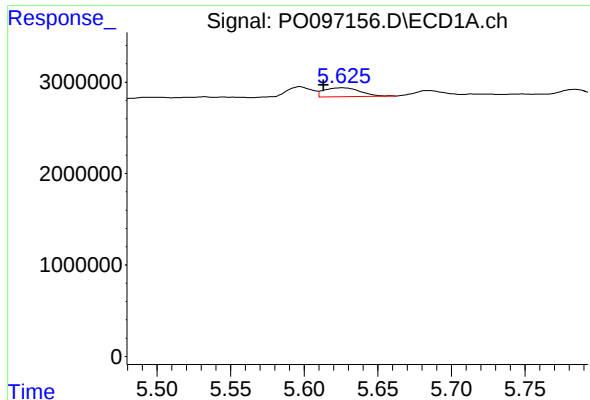
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.006 min
Response: 866443
Conc: 21.85 ng/ml



#12 AR-1232-2

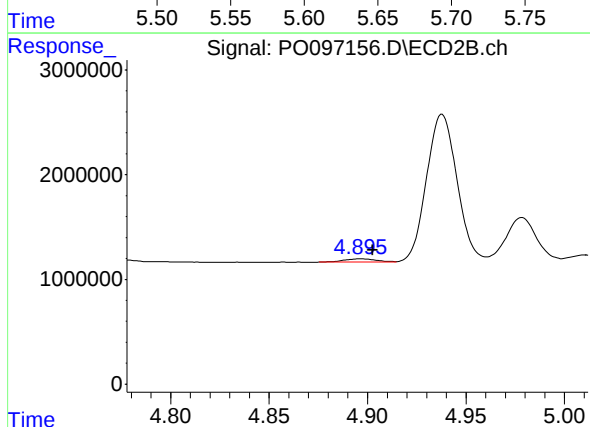
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 524865
Conc: 18.19 ng/ml



#13 AR-1232-3

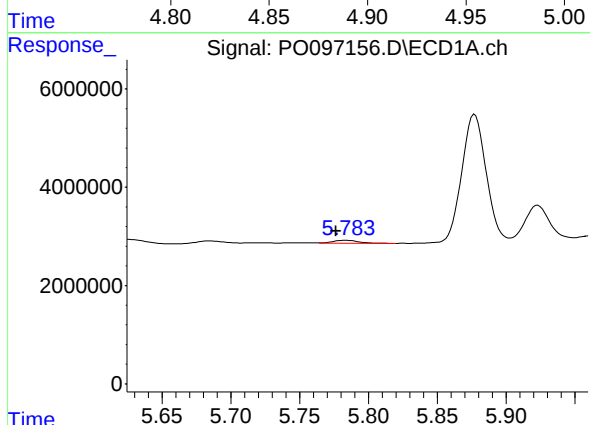
R.T.: 5.626 min
Delta R.T.: 0.013 min
Response: 1630543
Conc: 26.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



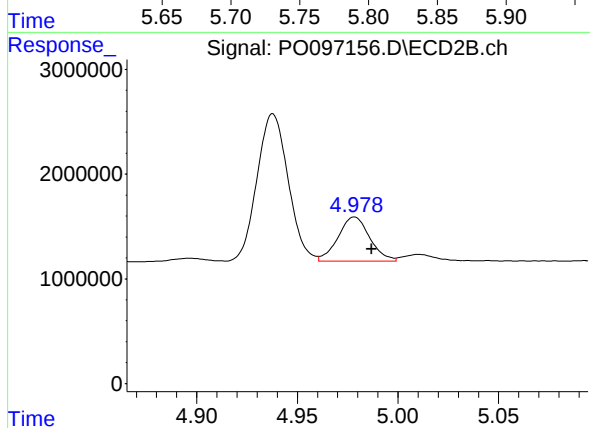
#13 AR-1232-3

R.T.: 4.896 min
Delta R.T.: -0.006 min
Response: 339809
Conc: 22.41 ng/ml



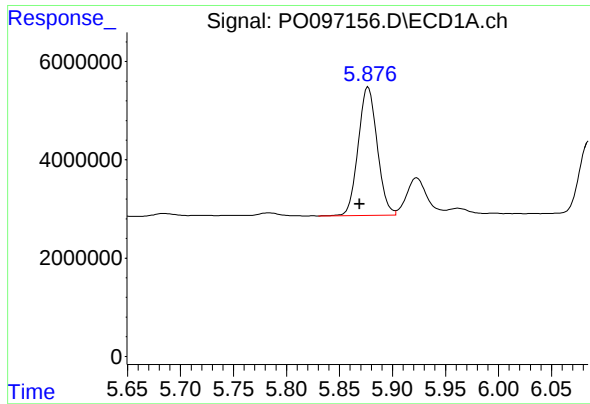
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: 0.008 min
Response: 758977
Conc: 24.87 ng/ml



#14 AR-1232-4

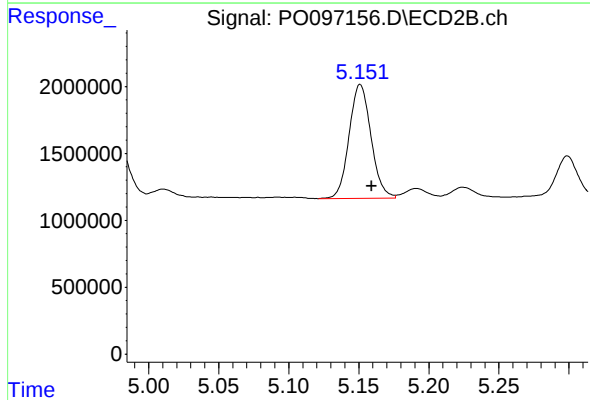
R.T.: 4.978 min
Delta R.T.: -0.008 min
Response: 4617404
Conc: 308.97 ng/ml



#15 AR-1232-5

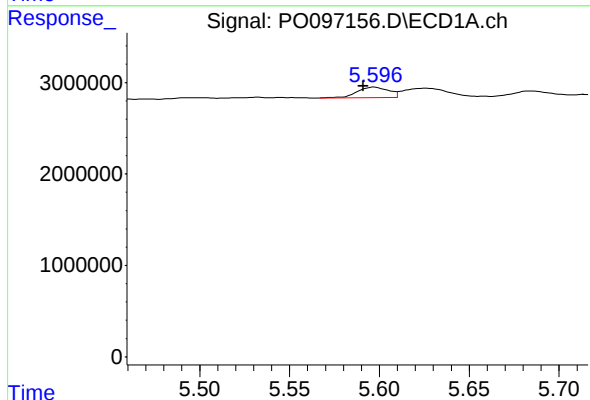
R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 32492352
Conc: 1161.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



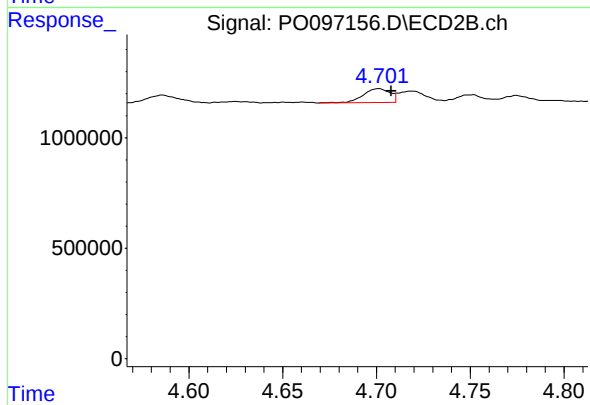
#15 AR-1232-5

R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 9277213
Conc: 567.53 ng/ml



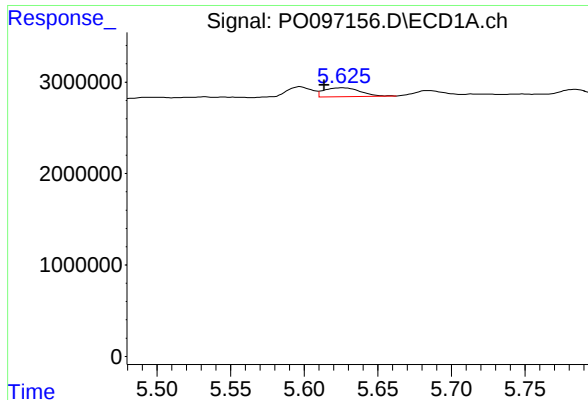
#16 AR-1242-1

R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 1386296
Conc: 16.54 ng/ml



#16 AR-1242-1

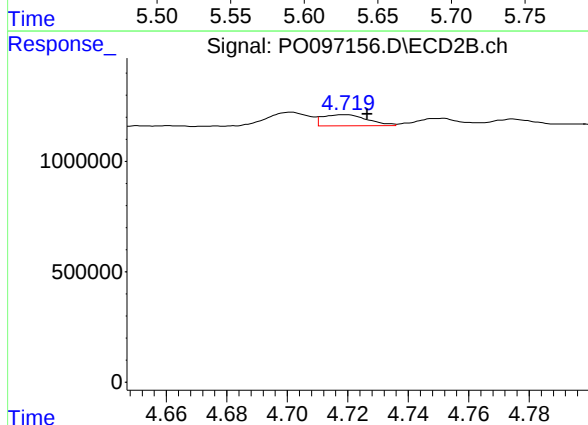
R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 633594
Conc: 16.07 ng/ml



#17 AR-1242-2

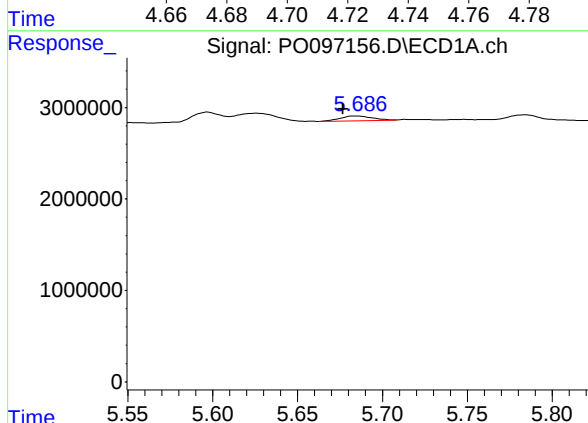
R.T.: 5.626 min
Delta R.T.: 0.012 min
Response: 1630543
Conc: 13.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



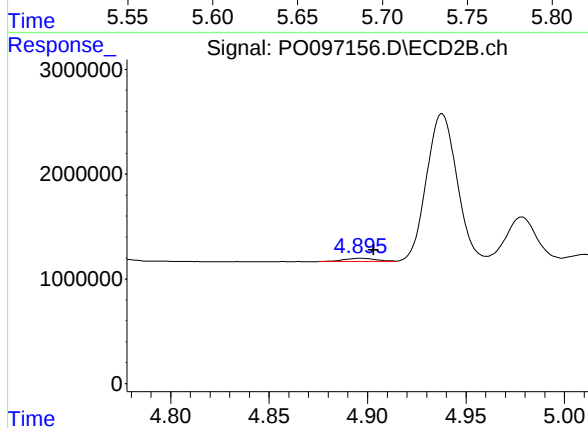
#17 AR-1242-2

R.T.: 4.719 min
Delta R.T.: -0.008 min
Response: 524865
Conc: 9.63 ng/ml



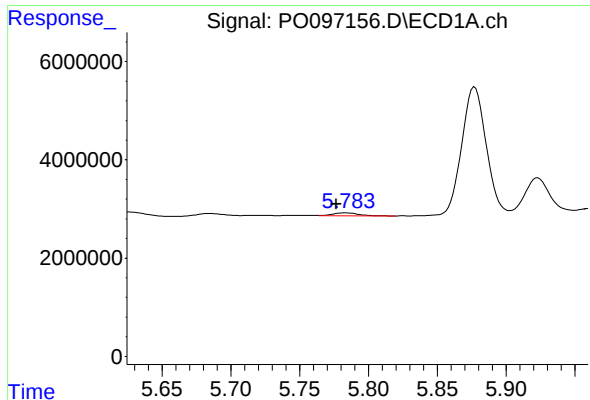
#18 AR-1242-3

R.T.: 5.685 min
Delta R.T.: 0.008 min
Response: 711817
Conc: 9.64 ng/ml



#18 AR-1242-3

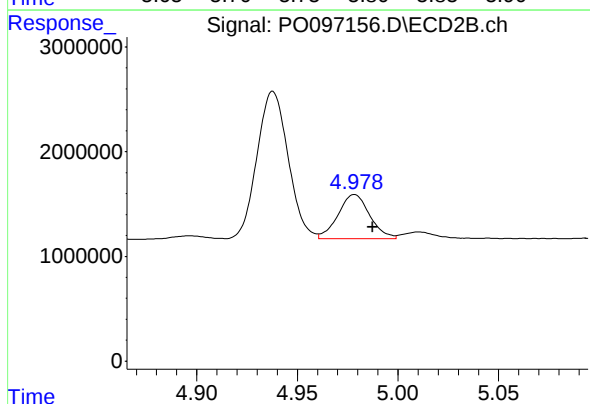
R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 339809
Conc: 11.49 ng/ml



#19 AR-1242-4

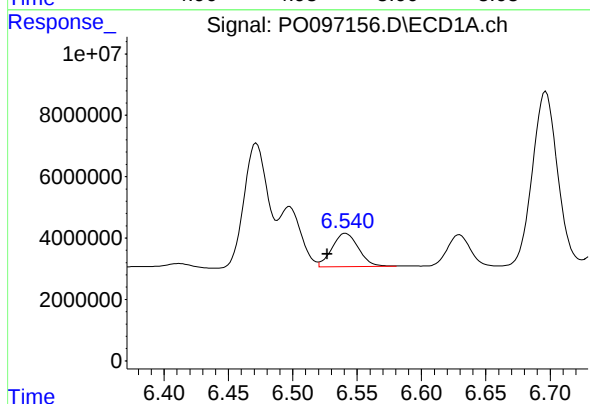
R.T.: 5.784 min
Delta R.T.: 0.007 min
Response: 758977
Conc: 12.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



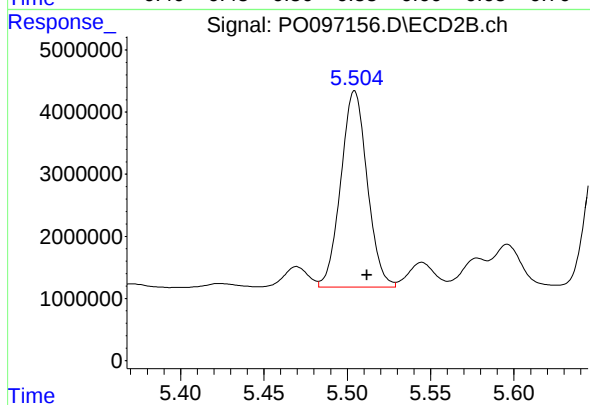
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 4617404
Conc: 146.52 ng/ml



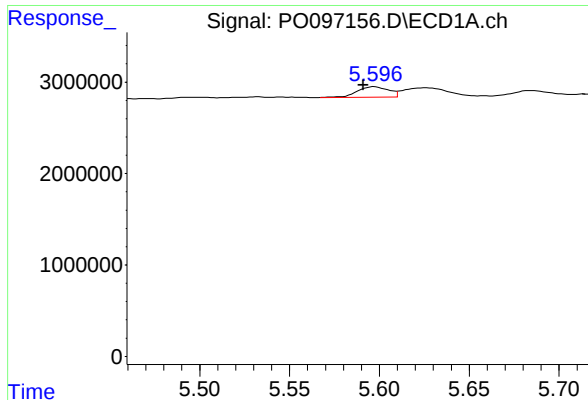
#20 AR-1242-5

R.T.: 6.541 min
Delta R.T.: 0.014 min
Response: 15489048
Conc: 281.52 ng/ml



#20 AR-1242-5

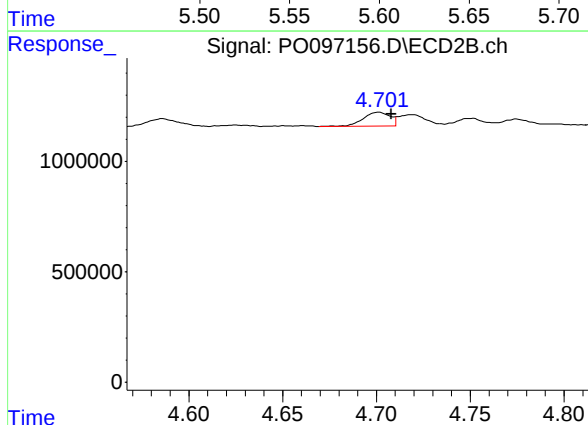
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 34815529
Conc: 955.52 ng/ml



#21 AR-1248-1

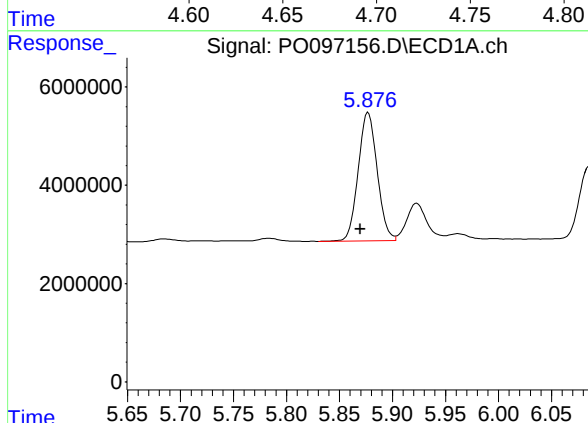
R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 1386296
Conc: 23.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



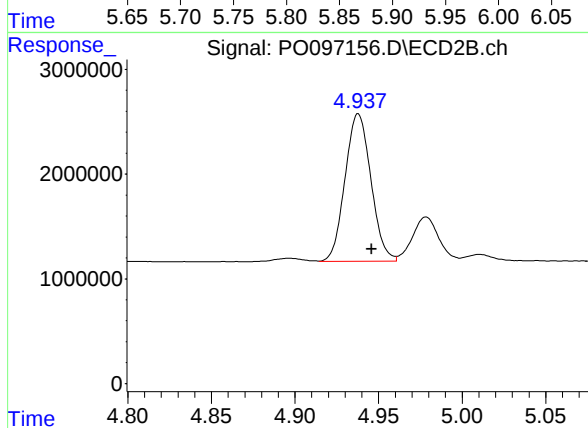
#21 AR-1248-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 633594
Conc: 22.58 ng/ml



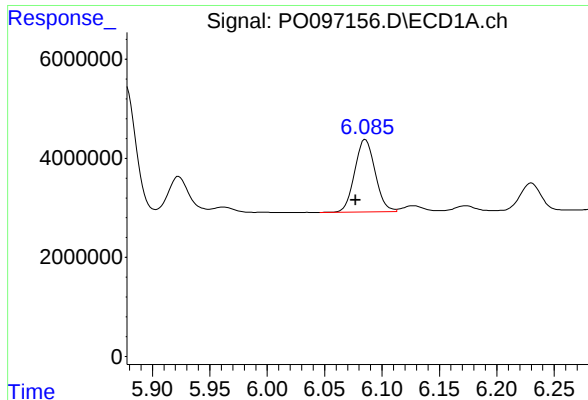
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.007 min
Response: 32492352
Conc: 345.60 ng/ml



#22 AR-1248-2

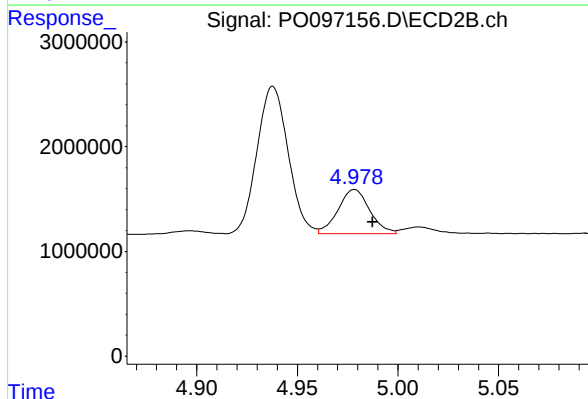
R.T.: 4.938 min
Delta R.T.: -0.008 min
Response: 15193845
Conc: 358.51 ng/ml



#23 AR-1248-3

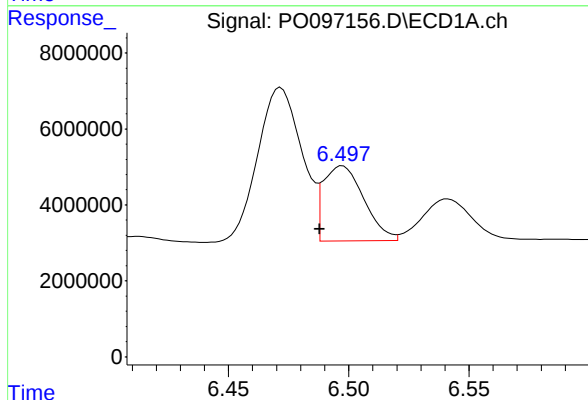
R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 18361166
Conc: 187.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



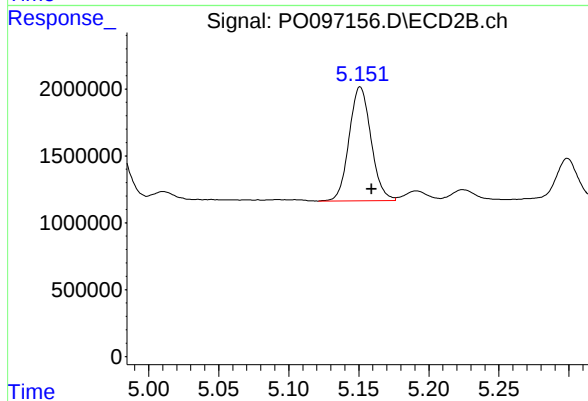
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 4617404
Conc: 105.26 ng/ml



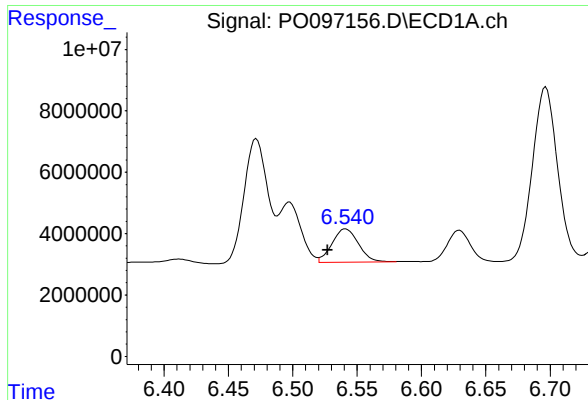
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 23176571
Conc: 255.13 ng/ml



#24 AR-1248-4

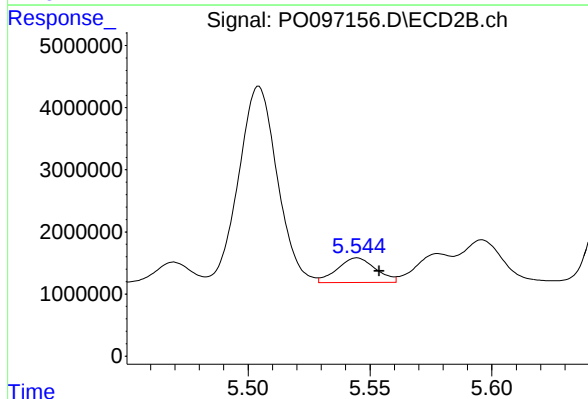
R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 9277213
Conc: 181.73 ng/ml



#25 AR-1248-5

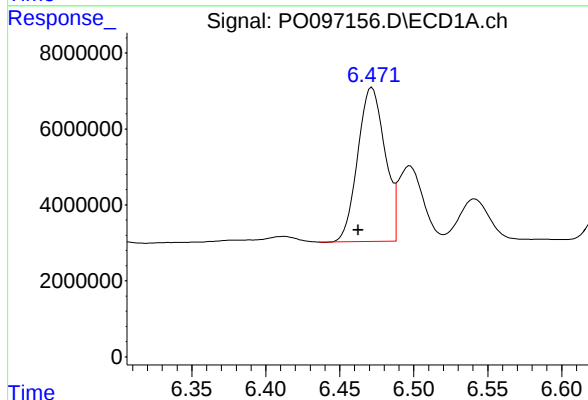
R.T.: 6.541 min
Delta R.T.: 0.014 min
Response: 15489048
Conc: 175.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



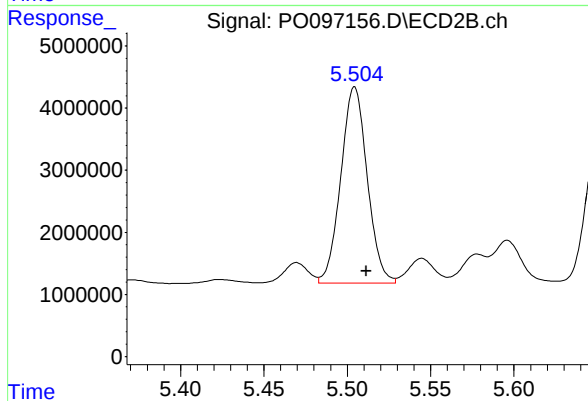
#25 AR-1248-5

R.T.: 5.545 min
Delta R.T.: -0.009 min
Response: 4352497
Conc: 93.10 ng/ml



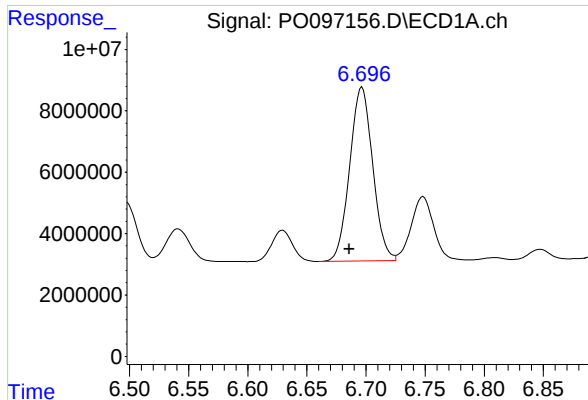
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.009 min
Response: 51784323
Conc: 473.82 ng/ml



#26 AR-1254-1

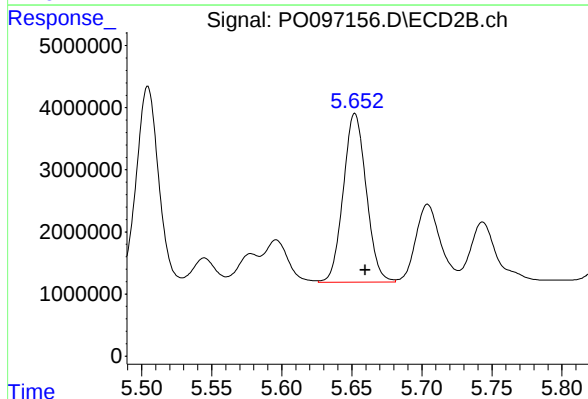
R.T.: 5.504 min
Delta R.T.: -0.007 min
Response: 34815529
Conc: 471.78 ng/ml



#27 AR-1254-2

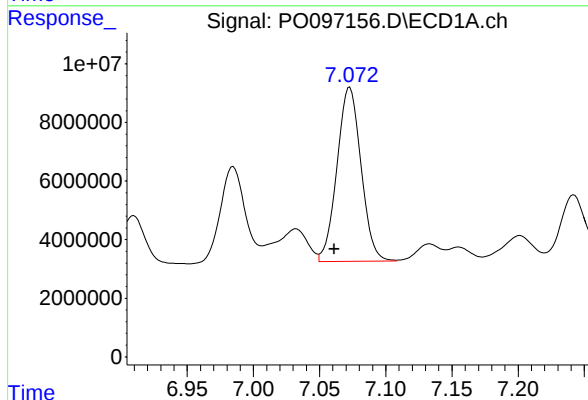
R.T.: 6.697 min
Delta R.T.: 0.011 min
Response: 76775196
Conc: 476.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



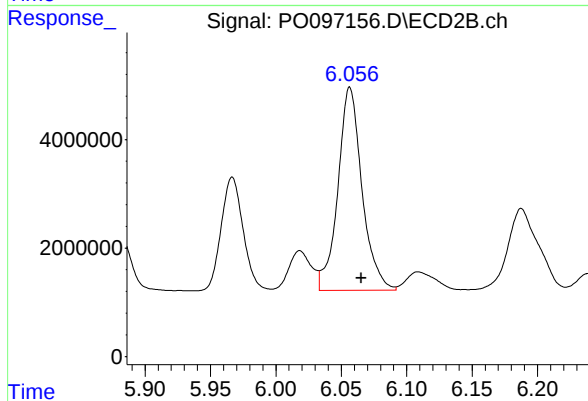
#27 AR-1254-2

R.T.: 5.652 min
Delta R.T.: -0.007 min
Response: 30961848
Conc: 469.97 ng/ml



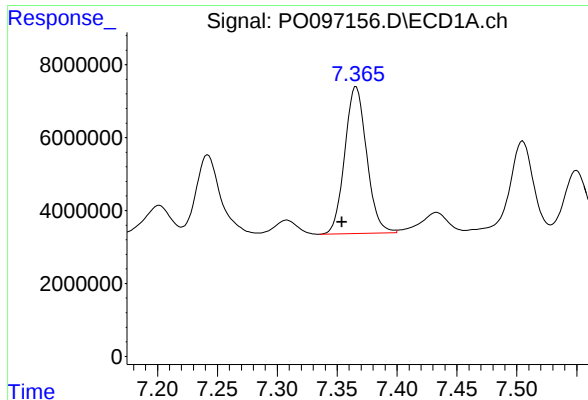
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.012 min
Response: 75223653
Conc: 480.06 ng/ml



#28 AR-1254-3

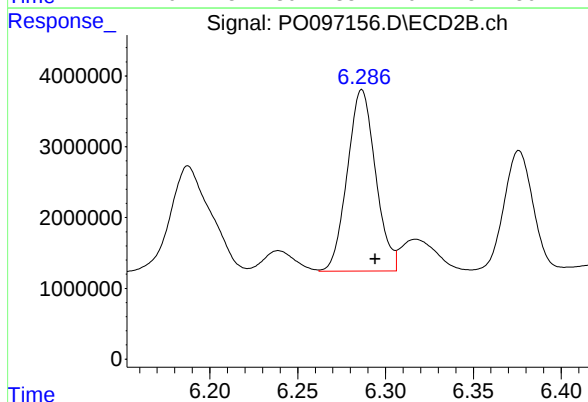
R.T.: 6.057 min
Delta R.T.: -0.009 min
Response: 48061241
Conc: 475.56 ng/ml



#29 AR-1254-4

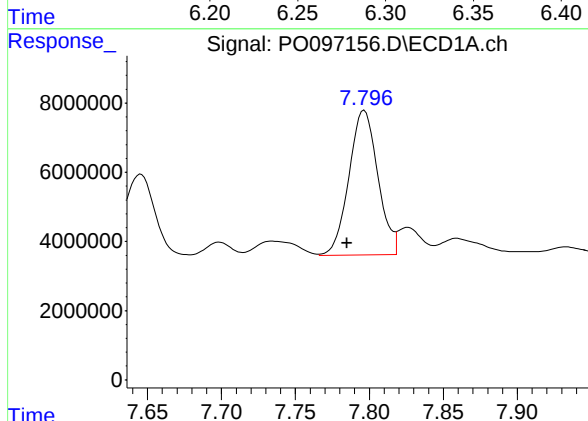
R.T.: 7.366 min
Delta R.T.: 0.012 min
Response: 51298555
Conc: 508.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



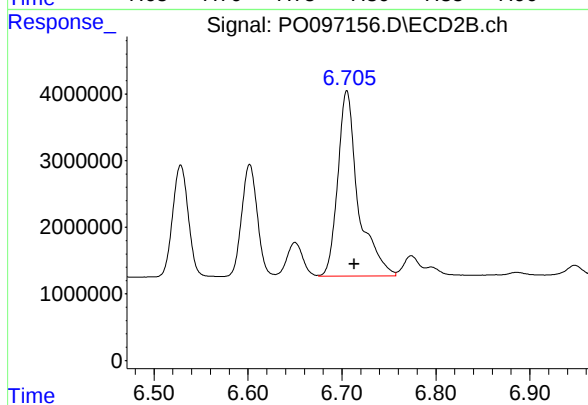
#29 AR-1254-4

R.T.: 6.287 min
Delta R.T.: -0.008 min
Response: 28694748
Conc: 495.81 ng/ml



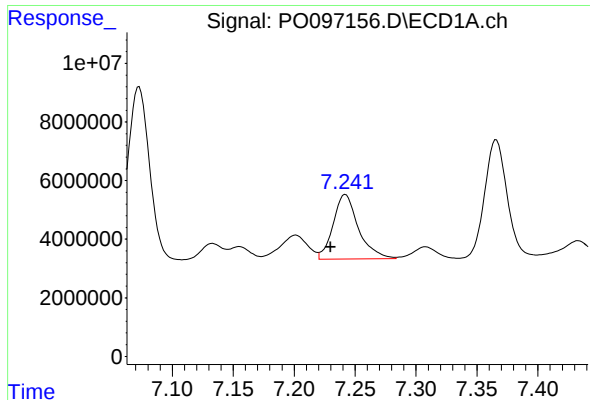
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.012 min
Response: 56846476
Conc: 506.59 ng/ml



#30 AR-1254-5

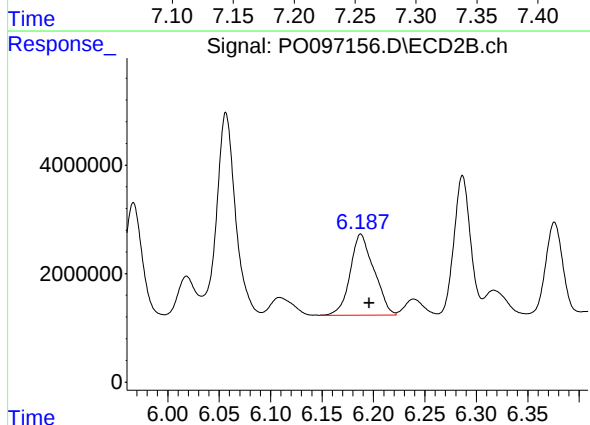
R.T.: 6.705 min
Delta R.T.: -0.008 min
Response: 42029756
Conc: 478.07 ng/ml



#31 AR-1260-1

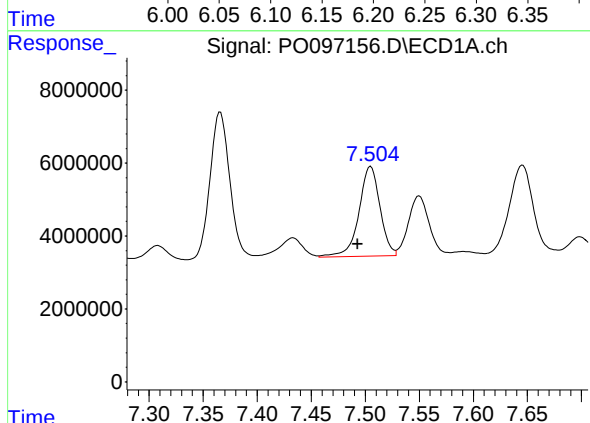
R.T.: 7.242 min
Delta R.T.: 0.012 min
Response: 32057148
Conc: 255.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



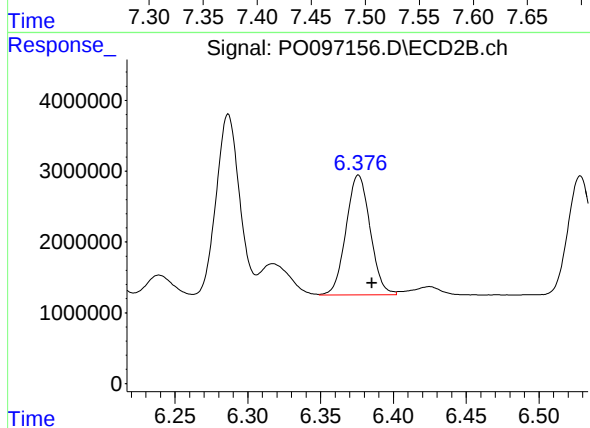
#31 AR-1260-1

R.T.: 6.188 min
Delta R.T.: -0.008 min
Response: 24069704
Conc: 342.05 ng/ml



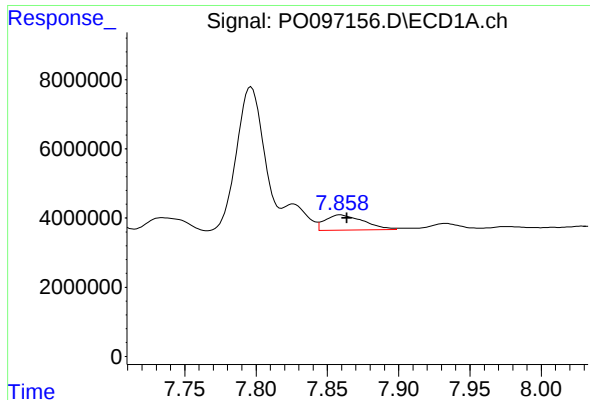
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.012 min
Response: 33324711
Conc: 247.34 ng/ml



#32 AR-1260-2

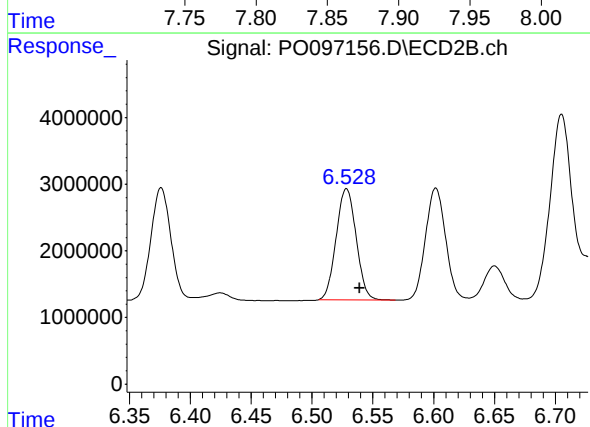
R.T.: 6.376 min
Delta R.T.: -0.009 min
Response: 19542311
Conc: 234.14 ng/ml



#33 AR-1260-3

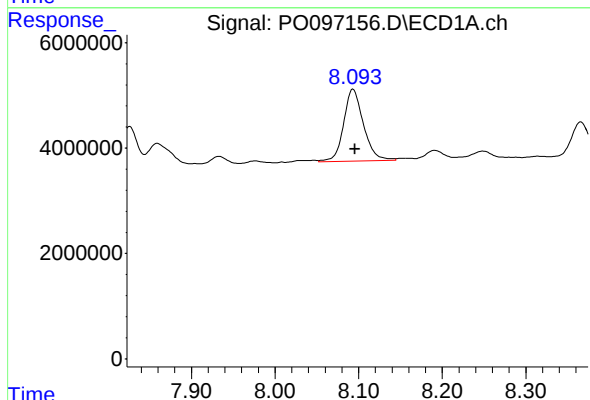
R.T.: 7.859 min
Delta R.T.: -0.005 min
Response: 8227449
Conc: 79.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



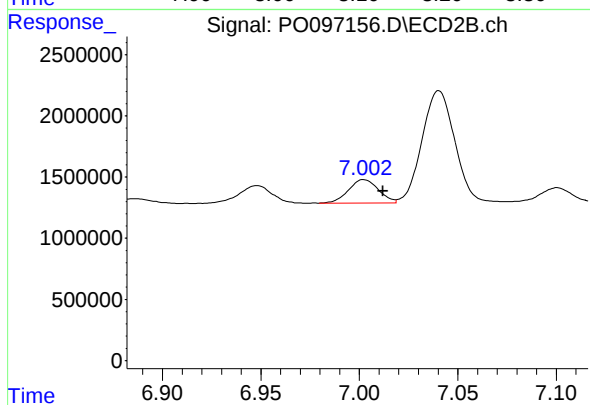
#33 AR-1260-3

R.T.: 6.528 min
Delta R.T.: -0.011 min
Response: 19147976
Conc: 247.97 ng/ml



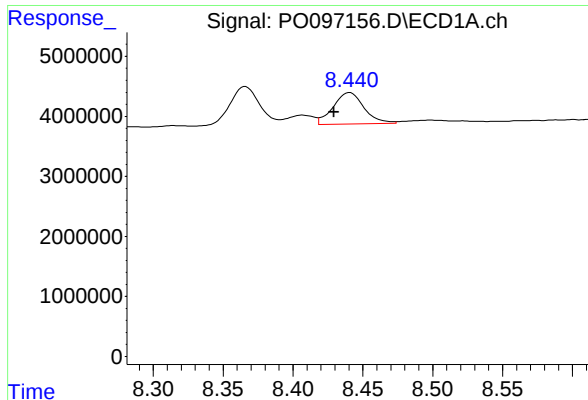
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.002 min
Response: 22461250
Conc: 200.90 ng/ml



#34 AR-1260-4

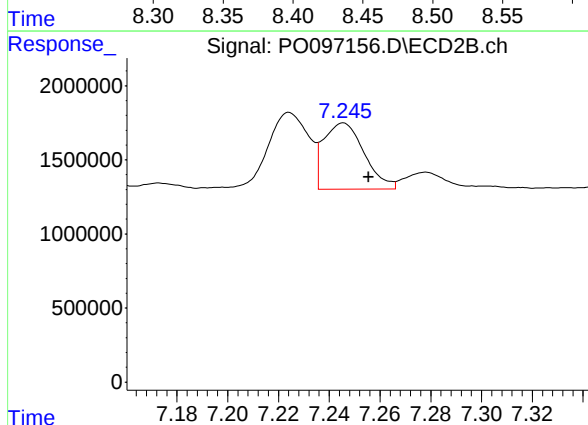
R.T.: 7.002 min
Delta R.T.: -0.010 min
Response: 2049717
Conc: 31.99 ng/ml



#35 AR-1260-5

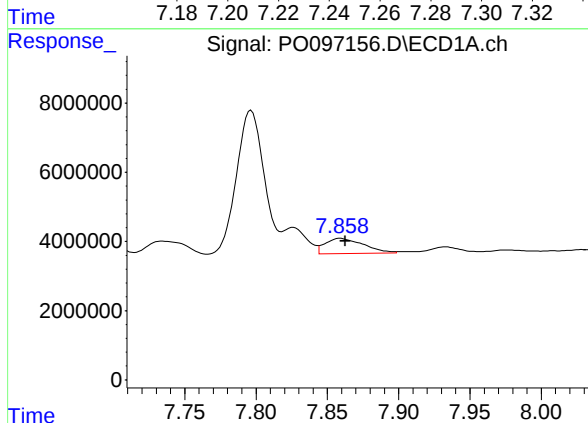
R.T.: 8.441 min
Delta R.T.: 0.011 min
Response: 8039061
Conc: 38.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



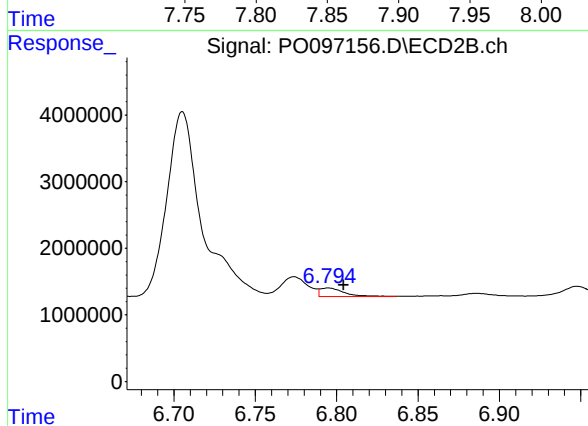
#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.010 min
Response: 4938793
Conc: 35.62 ng/ml



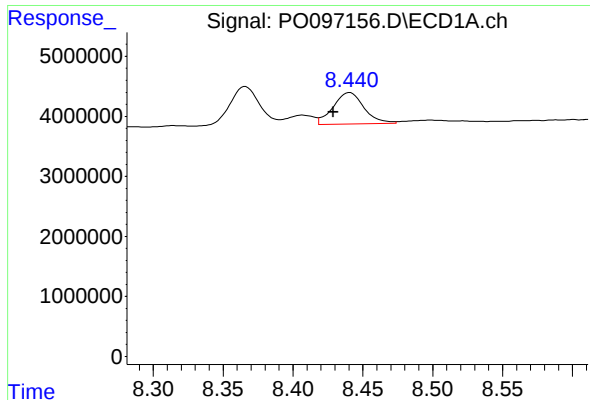
#36 AR-1262-1

R.T.: 7.859 min
Delta R.T.: -0.003 min
Response: 8227449
Conc: 55.39 ng/ml



#36 AR-1262-1

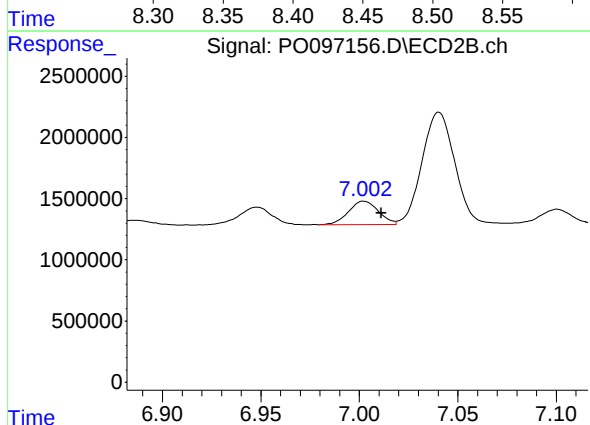
R.T.: 6.795 min
Delta R.T.: -0.010 min
Response: 1342436
Conc: 34.10 ng/ml



#37 AR-1262-2

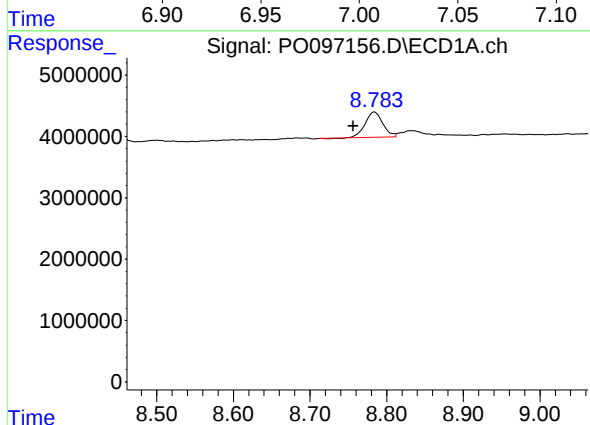
R.T.: 8.441 min
Delta R.T.: 0.012 min
Response: 8039061
Conc: 34.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



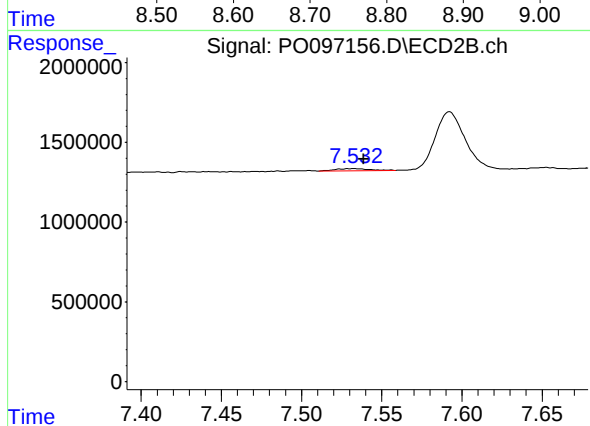
#37 AR-1262-2

R.T.: 7.002 min
Delta R.T.: -0.009 min
Response: 2049717
Conc: 25.27 ng/ml



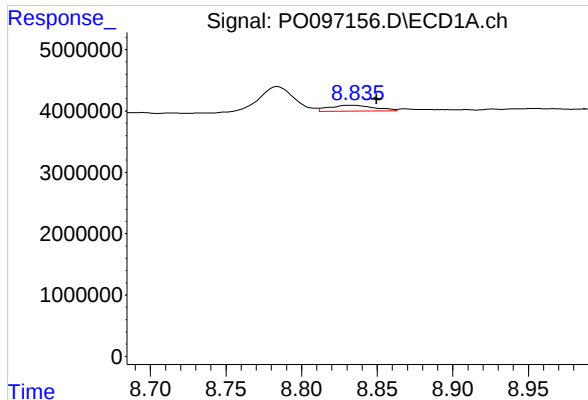
#38 AR-1262-3

R.T.: 8.784 min
Delta R.T.: 0.028 min
Response: 6592076
Conc: 39.52 ng/ml



#38 AR-1262-3

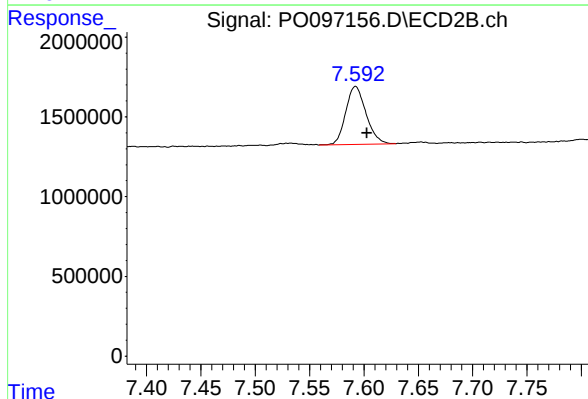
R.T.: 7.532 min
Delta R.T.: -0.006 min
Response: 201706
Conc: 3.14 ng/ml



#39 AR-1262-4

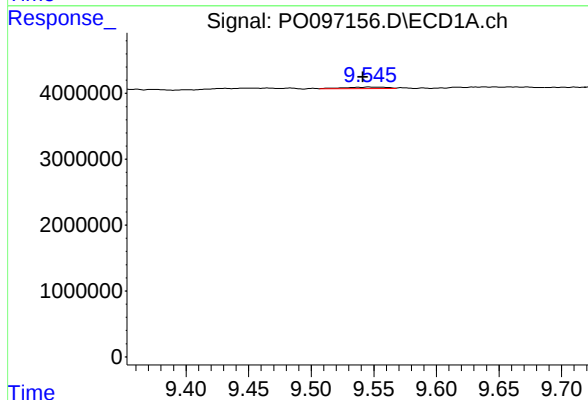
R.T.: 8.833 min
Delta R.T.: -0.016 min
Response: 2002080
Conc: 27.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



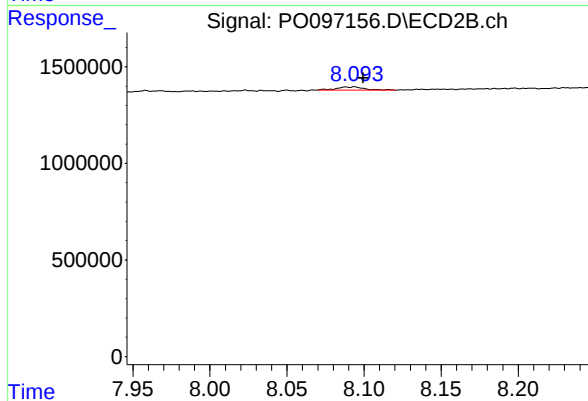
#39 AR-1262-4

R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 4730515
Conc: 41.64 ng/ml



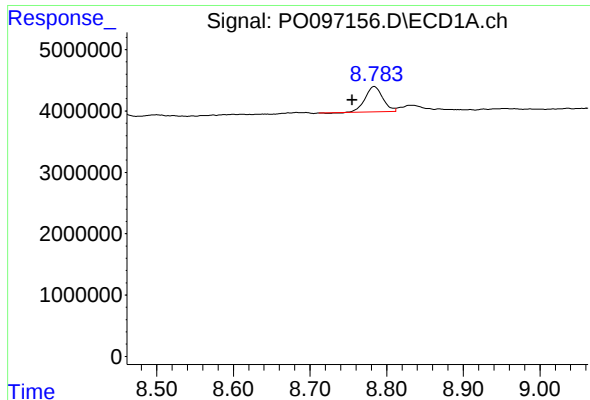
#40 AR-1262-5

R.T.: 9.546 min
Delta R.T.: 0.005 min
Response: 594435
Conc: 7.14 ng/ml



#40 AR-1262-5

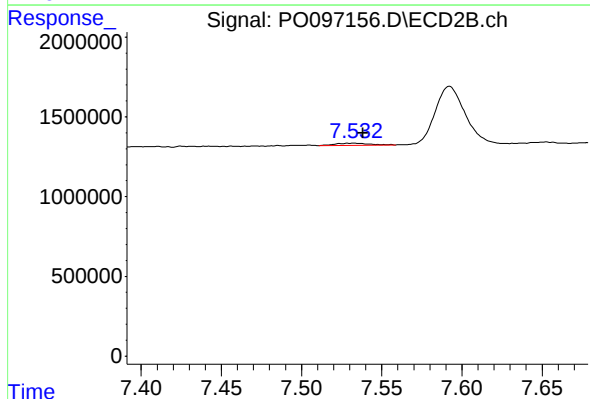
R.T.: 8.094 min
Delta R.T.: -0.006 min
Response: 203652
Conc: 3.88 ng/ml



#41 AR-1268-1

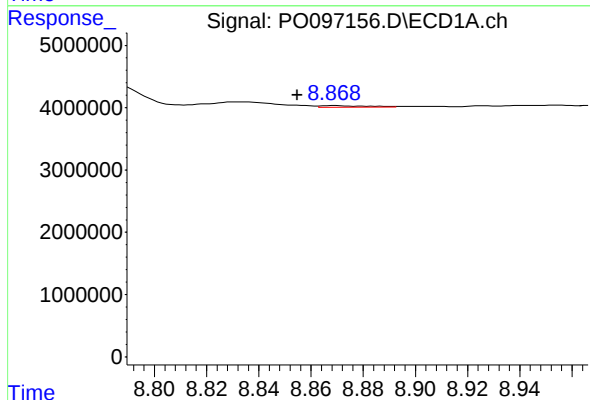
R.T.: 8.784 min
Delta R.T.: 0.029 min
Response: 6592076
Conc: 21.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



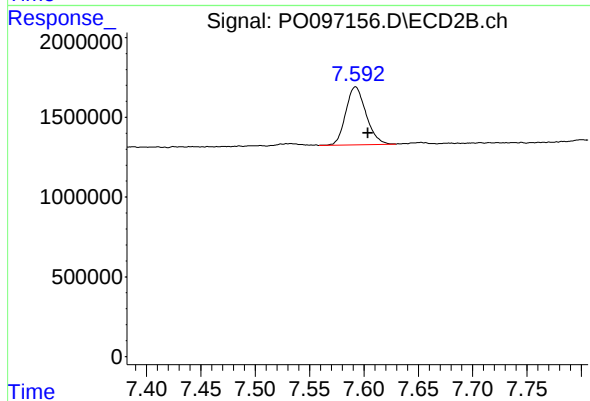
#41 AR-1268-1

R.T.: 7.532 min
Delta R.T.: -0.006 min
Response: 201706
Conc: 1.09 ng/ml



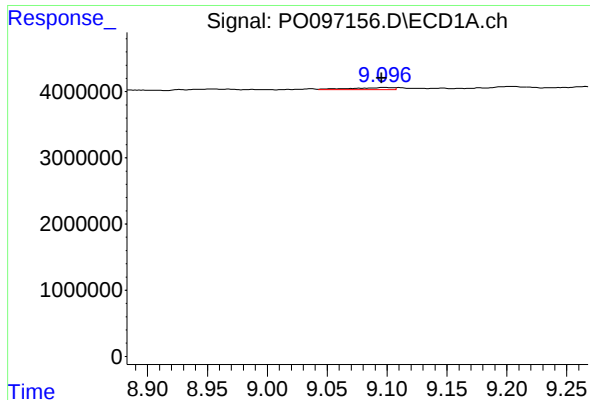
#42 AR-1268-2

R.T.: 8.869 min
Delta R.T.: 0.014 min
Response: 339021
Conc: 1.24 ng/ml



#42 AR-1268-2

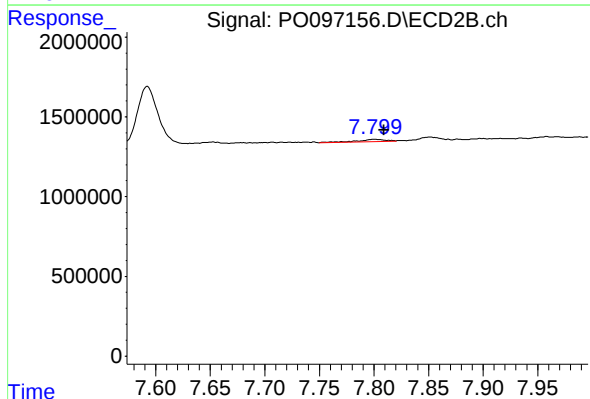
R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 4730515
Conc: 28.21 ng/ml



#43 AR-1268-3

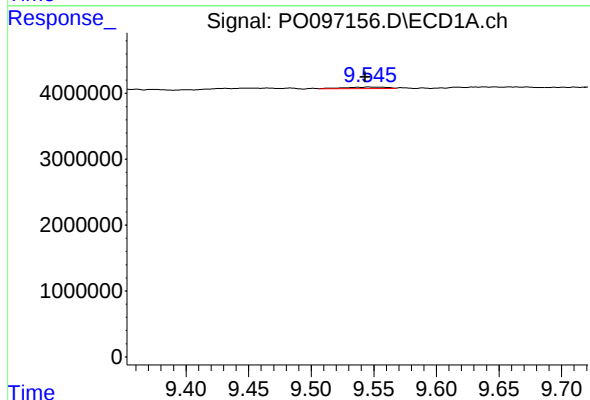
R.T.: 9.097 min
Delta R.T.: 0.001 min
Response: 793008
Conc: 3.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



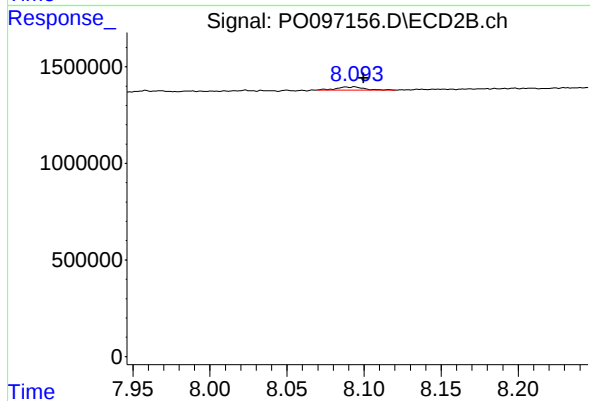
#43 AR-1268-3

R.T.: 7.800 min
Delta R.T.: -0.009 min
Response: 243255
Conc: 1.68 ng/ml



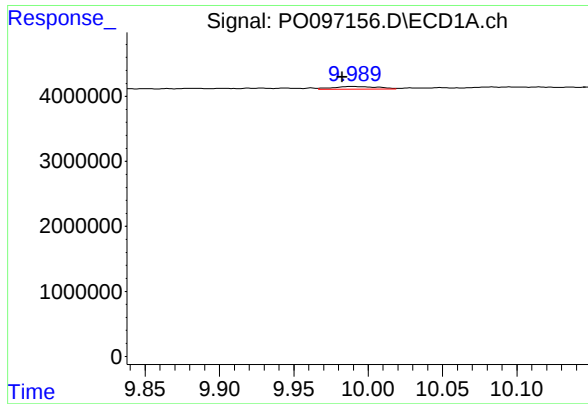
#44 AR-1268-4

R.T.: 9.546 min
Delta R.T.: 0.003 min
Response: 594435
Conc: 6.41 ng/ml



#44 AR-1268-4

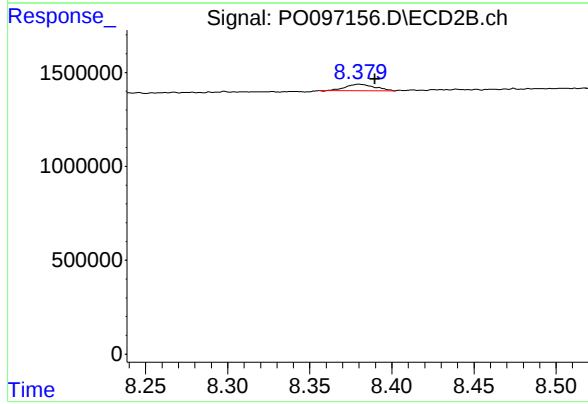
R.T.: 8.094 min
Delta R.T.: -0.006 min
Response: 203652
Conc: 3.42 ng/ml



#45 AR-1268-5

R.T.: 9.990 min
Delta R.T.: 0.007 min
Response: 836773
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.380 min
Delta R.T.: -0.010 min
Response: 430112
Conc: 1.03 ng/ml