

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122723\
 Data File : P0100782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 10:45
 Operator : YP/AJ
 Sample : 05899-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 00:17:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 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...	4.348	3.644	71040336	44449826	22.767	21.753
2) SA Decachlor...	10.087	8.702	43107907	31612112	20.635	20.944
Target Compounds						
3) L1 AR-1016-1	5.515	4.739	1681353	1065462	19.590	17.217
4) L1 AR-1016-2	5.540	4.758	3516088	727332	27.544	8.249 #
5) L1 AR-1016-3	5.603	4.935	901423	609313	11.430	13.043
6) L1 AR-1016-4	5.706	4.978	1957019	8481843	32.115	206.682 #
7) L1 AR-1016-5	5.994	5.194	3725339	5023691	60.857	96.708 #
8) L2 AR-1221-1	4.553	3.848	575313	1325941	15.563	52.802 #
9) L2 AR-1221-2	4.652	3.947	793882	1489610	28.586	77.574 #
10) L2 AR-1221-3	4.735	4.020	864037	426105	10.352	7.241 #
11) L3 AR-1232-1	4.735	4.020	864037	426105	12.960	9.012 #
12) L3 AR-1232-2	5.249	4.758	2031983	727332	57.959	17.438 #
13) L3 AR-1232-3	5.540	4.935	3516088	609313	58.930	28.401 #
14) L3 AR-1232-4	5.706	5.020	1957019	4097320	71.373	192.843 #
15) L3 AR-1232-5	5.790	5.194	13066549	5023691	543.467	229.880 #
16) L4 AR-1242-1	5.515	4.739	1681353	1065462	23.839	20.400
17) L4 AR-1242-2	5.540	4.758	3516088	727332	33.499	10.036 #
18) L4 AR-1242-3	5.603	4.935	901423	609313	13.867	15.902
19) L4 AR-1242-4	5.706	5.020	1957019	4097320	39.080	98.301 #
20) L4 AR-1242-5	6.440	5.549	9343784	18657473	180.532	406.529 #
21) L5 AR-1248-1	5.515	4.739	1681353	1065462	30.648	26.644
22) L5 AR-1248-2	5.790	4.978	13066549	8481843	151.290	140.982
23) L5 AR-1248-3	5.994	5.020	3725339	4097320	42.443	65.547 #
24) L5 AR-1248-4	6.399	5.194	12009188	5023691	133.574	69.744 #
25) L5 AR-1248-5	6.440	5.590	9343784	7569292	104.097	122.695
26) L6 AR-1254-1	6.372	5.549	16833506	18657473	160.138	181.794
27) L6 AR-1254-2	6.592	5.698	18715003	16899104	126.743	183.943 #
28) L6 AR-1254-3	6.956	6.105	43941322	29214554	313.804	216.023 #
29) L6 AR-1254-4	7.249	6.336	15955454	7424995	187.683	102.937 #
30) L6 AR-1254-5	7.668	6.756	18796668	8679969	158.854	75.332 #
31) L7 AR-1260-1	7.139	6.236	12277154	6391739	89.616	67.102 #
32) L7 AR-1260-2	7.381	6.424	13877050	9681818	110.338	90.077
33) L7 AR-1260-3	7.750	6.597	30968925	15397914	319.713	150.228 #
34) L7 AR-1260-4	7.951	7.032	16365394	20832939	155.084	255.535 #
35) L7 AR-1260-5	8.298	7.300	35040487	8828855	165.998	48.920 #
36) L8 AR-1262-1	7.668	6.756	18796668	8679969	188.155	139.150 #
37) L8 AR-1262-2	8.298	7.032	35040487	20832939	147.659	184.353
38) L8 AR-1262-3	8.612	7.581	4176386	2300391	25.716	29.872
39) L8 AR-1262-4	8.708	7.649	12606452	3108415	97.777	21.041 #
40) L8 AR-1262-5	9.332	8.146	1040293	646701	13.040	10.112
41) L9 AR-1268-1	8.612	7.581	4176386	2300391	14.781	10.378 #

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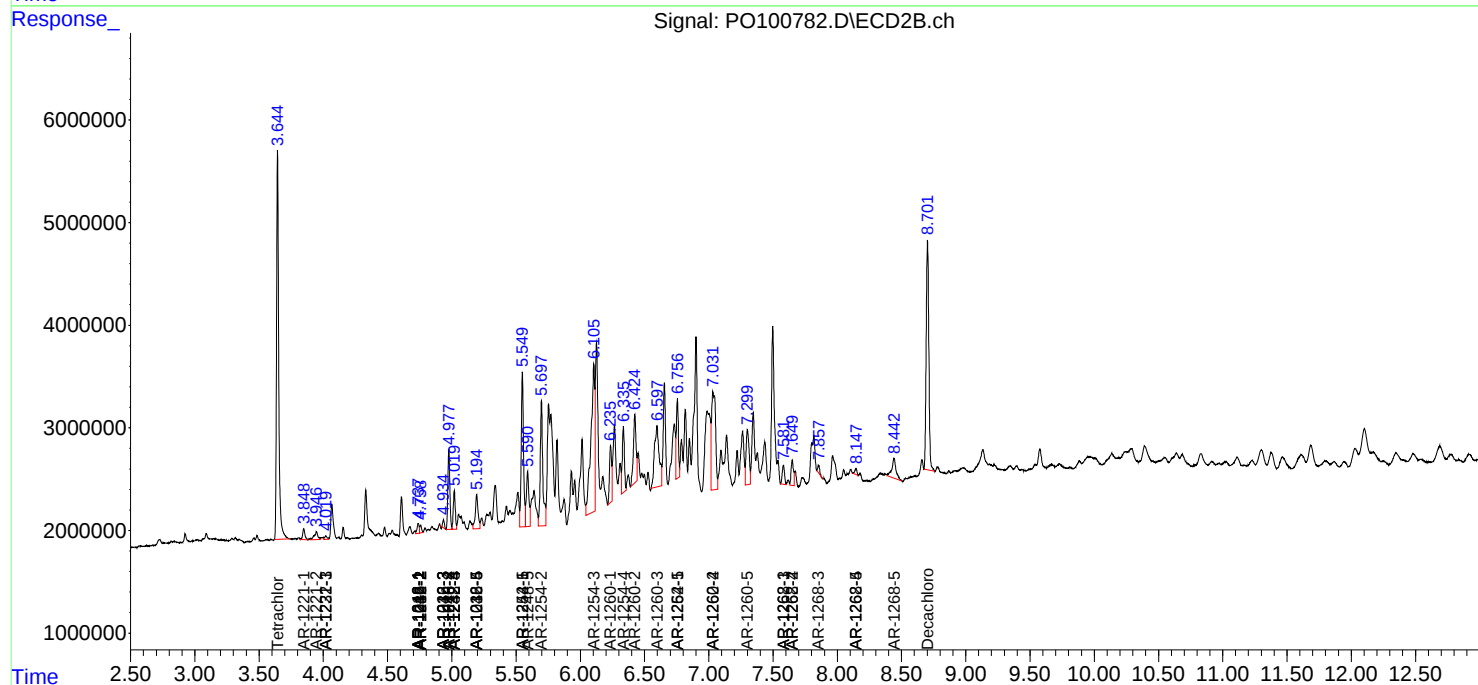
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

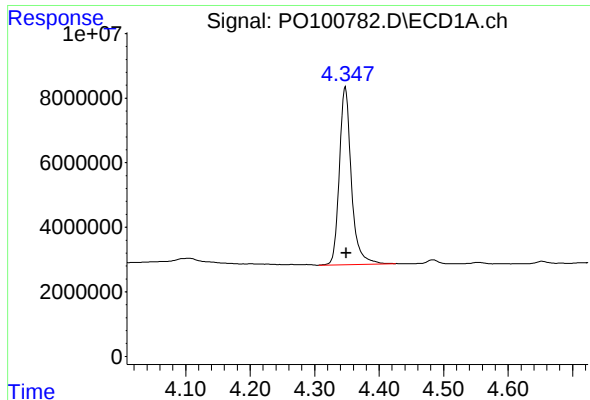
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.708	7.649	12606452	3108415	49.884	15.368 #
43) L9	AR-1268-3	8.897	7.854	2739068	787715	12.005	4.175 #
44) L9	AR-1268-4	9.332	8.146	1040293	646701	13.286	9.632 #
45) L9	AR-1268-5	9.748	8.442	2192515	4367053	3.058	8.417 #

(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

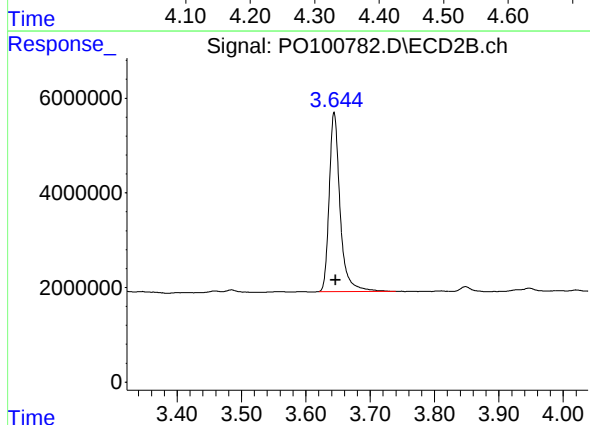




#1 Tetrachloro-m-xylene

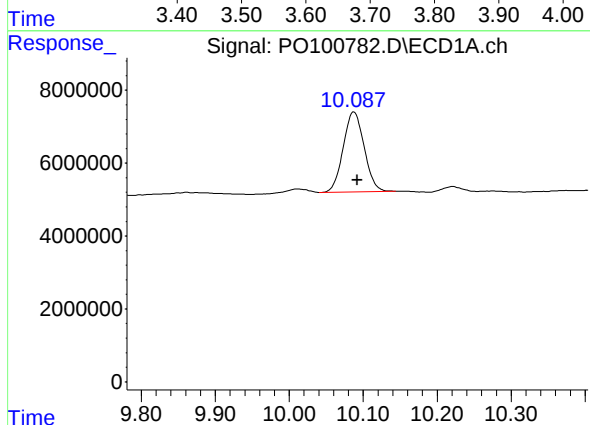
R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 71040336
Conc: 22.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



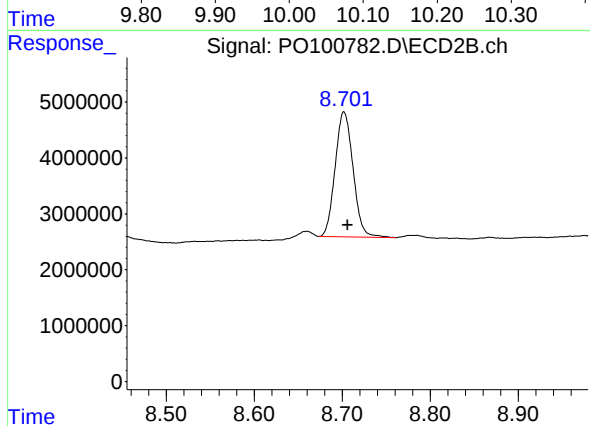
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 44449826
Conc: 21.75 ng/ml



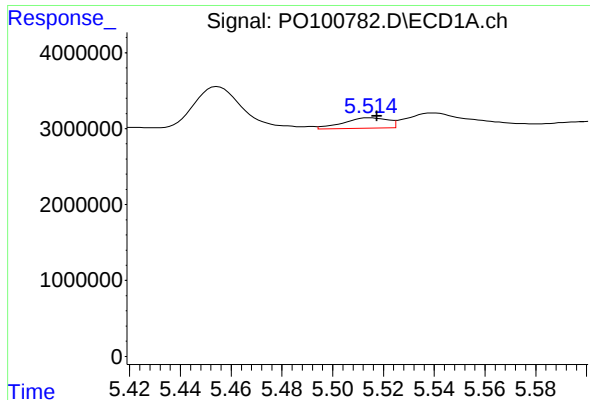
#2 Decachlorobiphenyl

R.T.: 10.087 min
Delta R.T.: -0.004 min
Response: 43107907
Conc: 20.63 ng/ml



#2 Decachlorobiphenyl

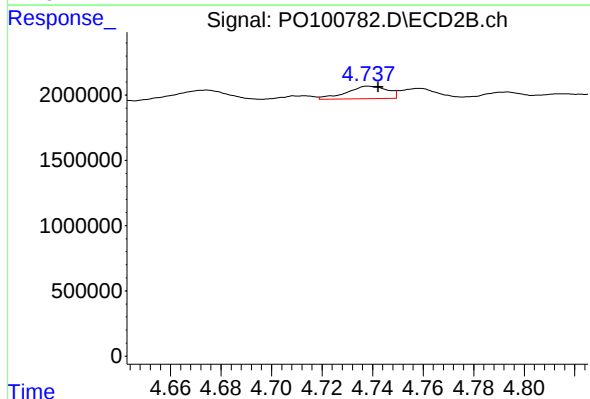
R.T.: 8.702 min
Delta R.T.: -0.004 min
Response: 31612112
Conc: 20.94 ng/ml



#3 AR-1016-1

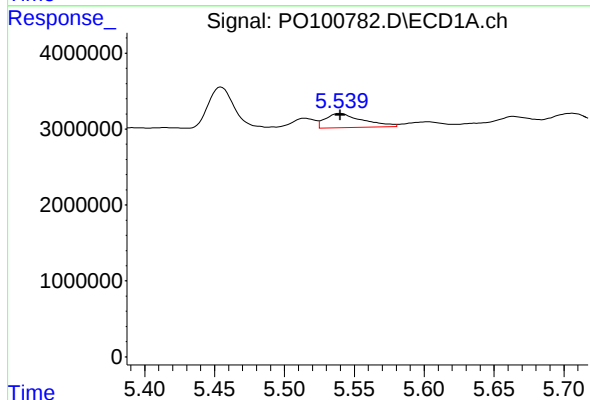
R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 1681353
Conc: 19.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



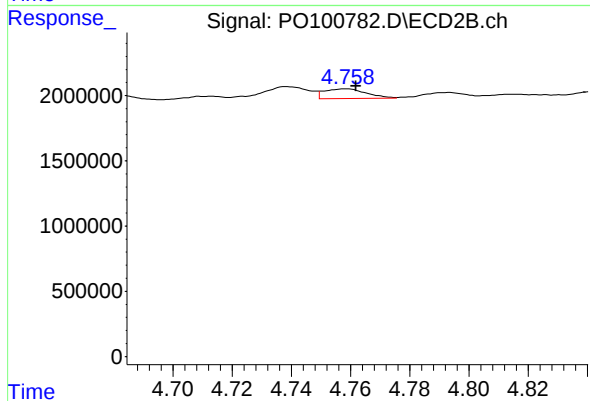
#3 AR-1016-1

R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 1065462
Conc: 17.22 ng/ml



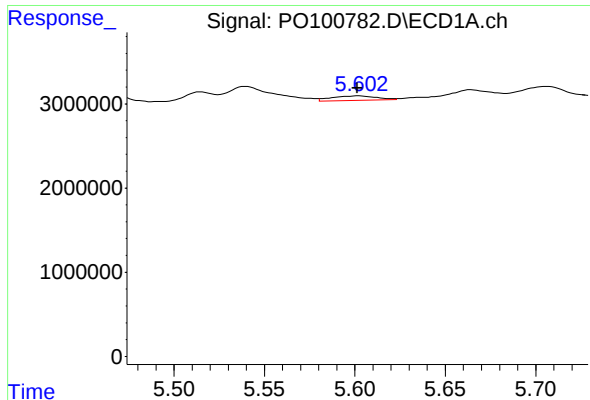
#4 AR-1016-2

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 3516088
Conc: 27.54 ng/ml



#4 AR-1016-2

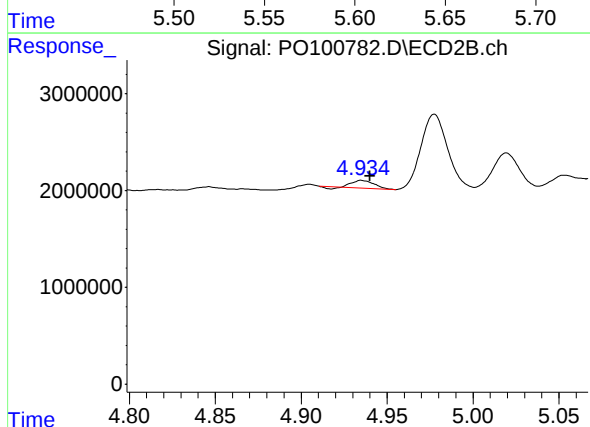
R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 727332
Conc: 8.25 ng/ml



#5 AR-1016-3

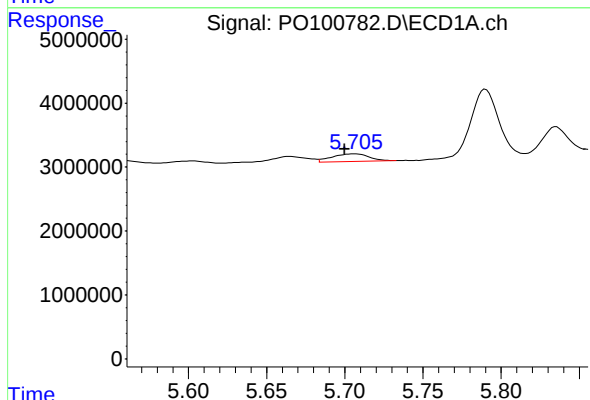
R.T.: 5.603 min
Delta R.T.: 0.001 min
Response: 901423
Conc: 11.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



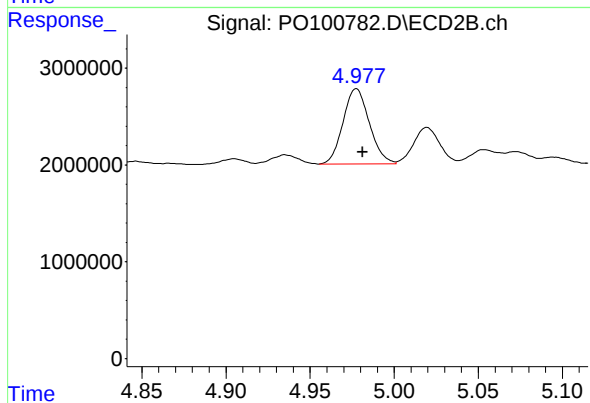
#5 AR-1016-3

R.T.: 4.935 min
Delta R.T.: -0.005 min
Response: 609313
Conc: 13.04 ng/ml



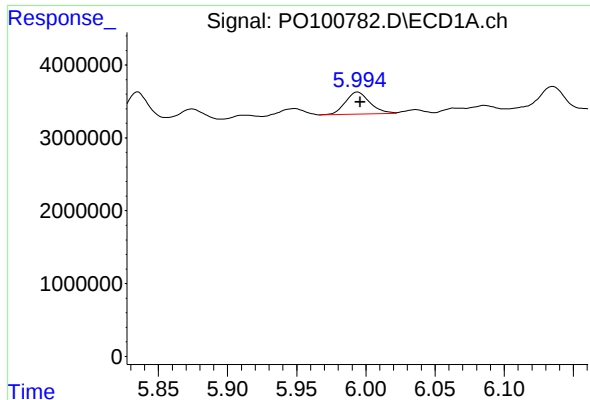
#6 AR-1016-4

R.T.: 5.706 min
Delta R.T.: 0.006 min
Response: 1957019
Conc: 32.12 ng/ml



#6 AR-1016-4

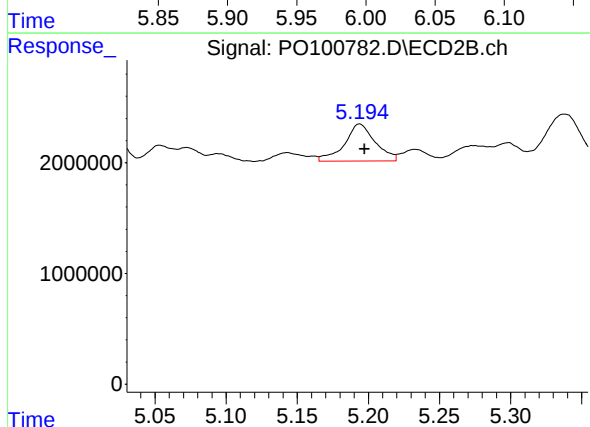
R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 8481843
Conc: 206.68 ng/ml



#7 AR-1016-5

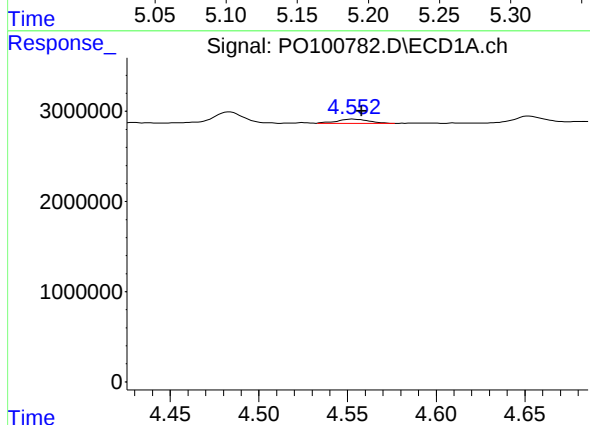
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 3725339
Conc: 60.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



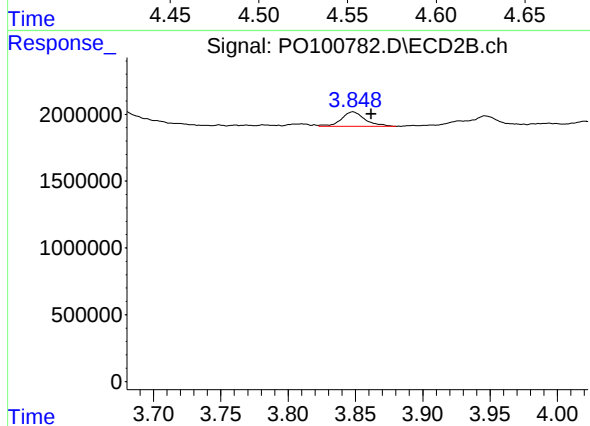
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 5023691
Conc: 96.71 ng/ml



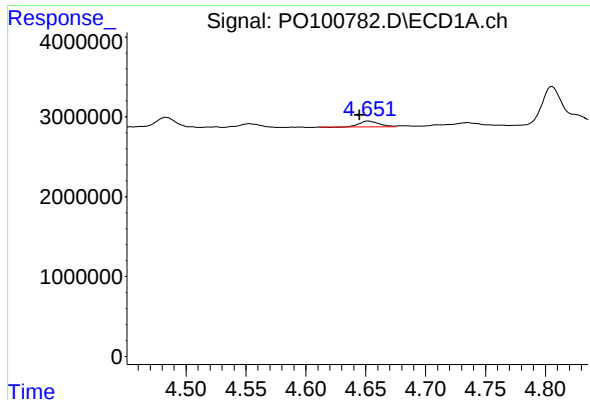
#8 AR-1221-1

R.T.: 4.553 min
Delta R.T.: -0.005 min
Response: 575313
Conc: 15.56 ng/ml



#8 AR-1221-1

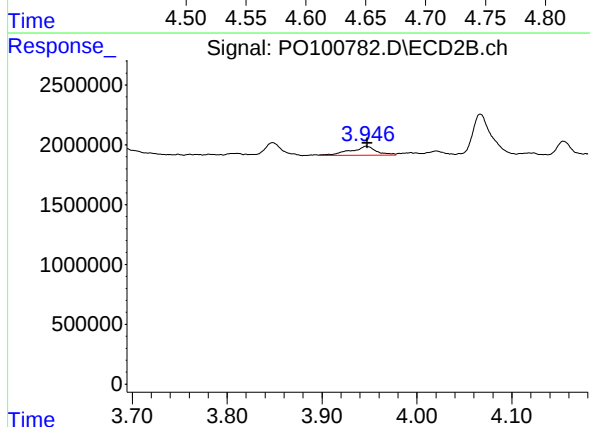
R.T.: 3.848 min
Delta R.T.: -0.014 min
Response: 1325941
Conc: 52.80 ng/ml



#9 AR-1221-2

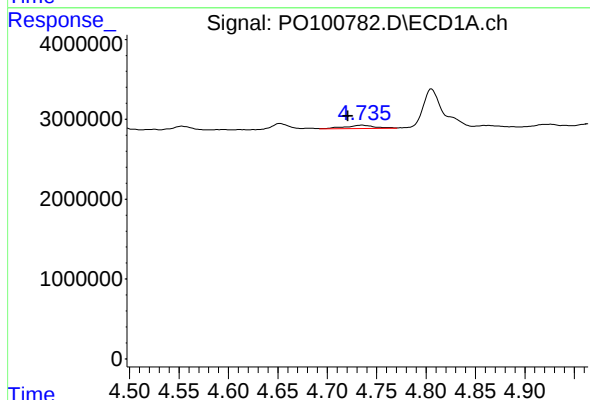
R.T.: 4.652 min
Delta R.T.: 0.007 min
Response: 793882
Conc: 28.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



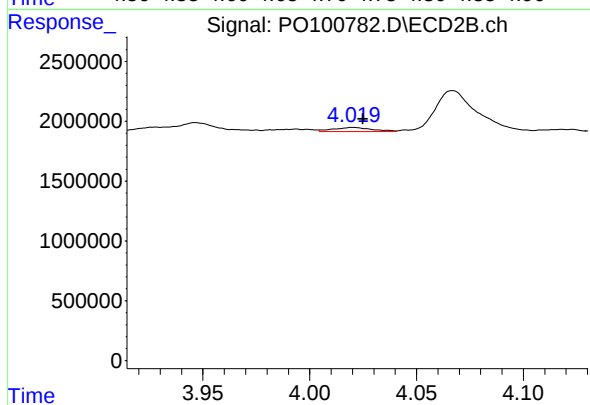
#9 AR-1221-2

R.T.: 3.947 min
Delta R.T.: -0.001 min
Response: 1489610
Conc: 77.57 ng/ml



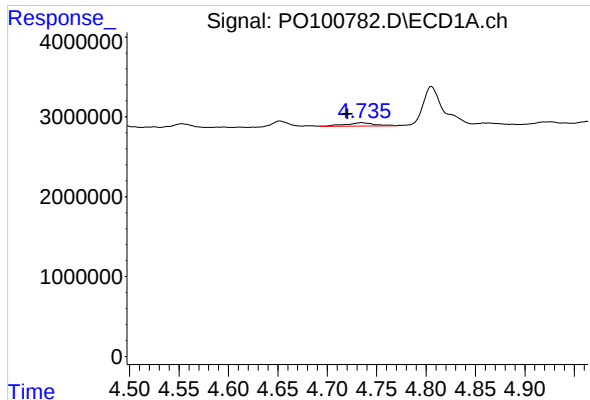
#10 AR-1221-3

R.T.: 4.735 min
Delta R.T.: 0.014 min
Response: 864037
Conc: 10.35 ng/ml



#10 AR-1221-3

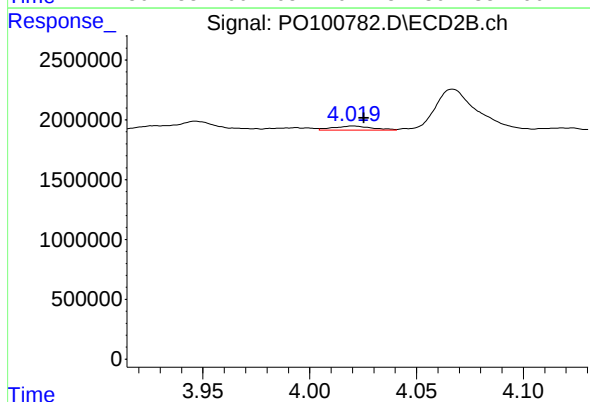
R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 426105
Conc: 7.24 ng/ml



#11 AR-1232-1

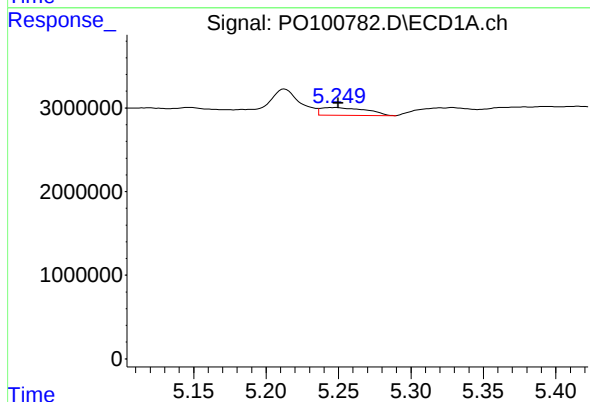
R.T.: 4.735 min
Delta R.T.: 0.015 min
Response: 864037
Conc: 12.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



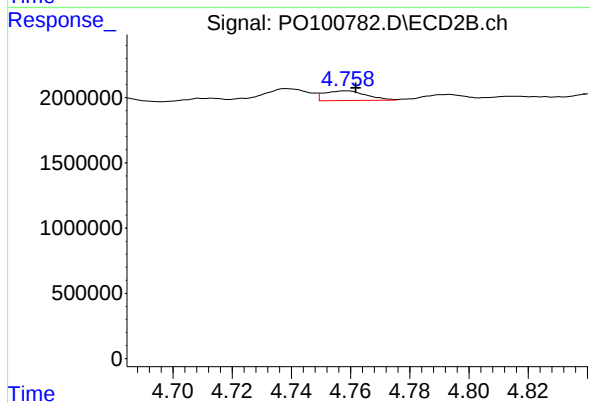
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 426105
Conc: 9.01 ng/ml



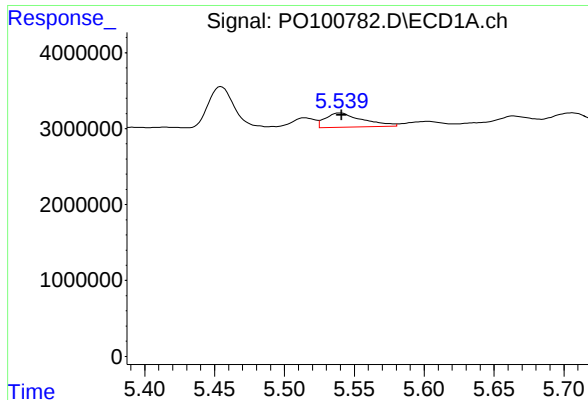
#12 AR-1232-2

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 2031983
Conc: 57.96 ng/ml



#12 AR-1232-2

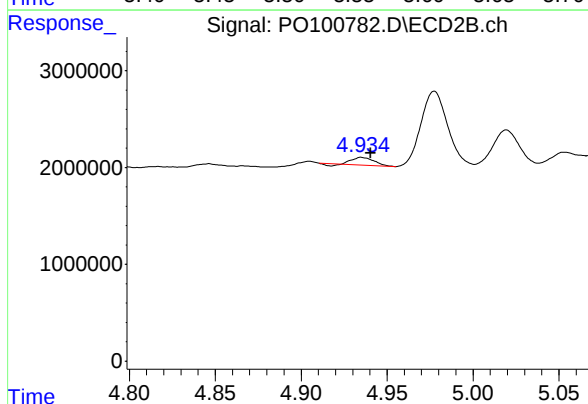
R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 727332
Conc: 17.44 ng/ml



#13 AR-1232-3

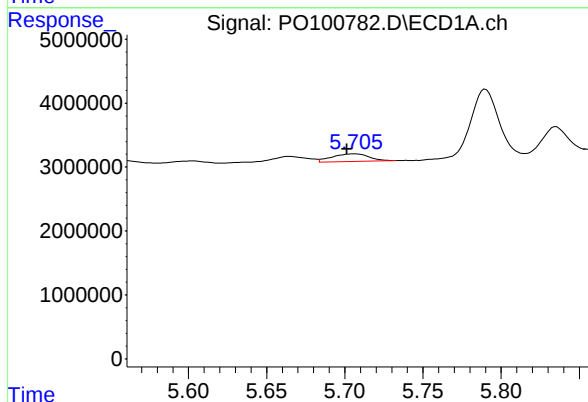
R.T.: 5.540 min
Delta R.T.: -0.001 min
Response: 3516088
Conc: 58.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



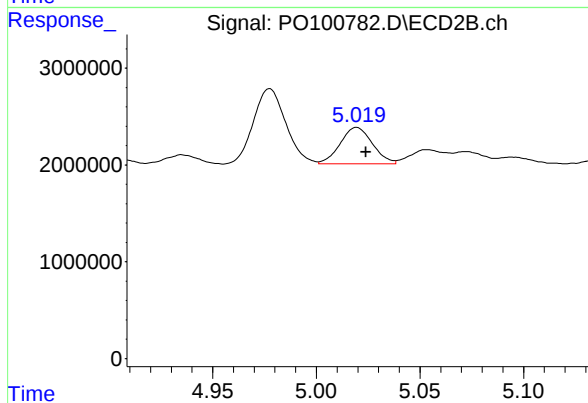
#13 AR-1232-3

R.T.: 4.935 min
Delta R.T.: -0.005 min
Response: 609313
Conc: 28.40 ng/ml



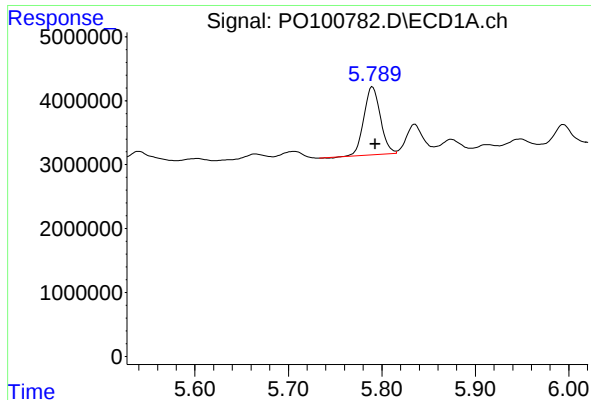
#14 AR-1232-4

R.T.: 5.706 min
Delta R.T.: 0.005 min
Response: 1957019
Conc: 71.37 ng/ml



#14 AR-1232-4

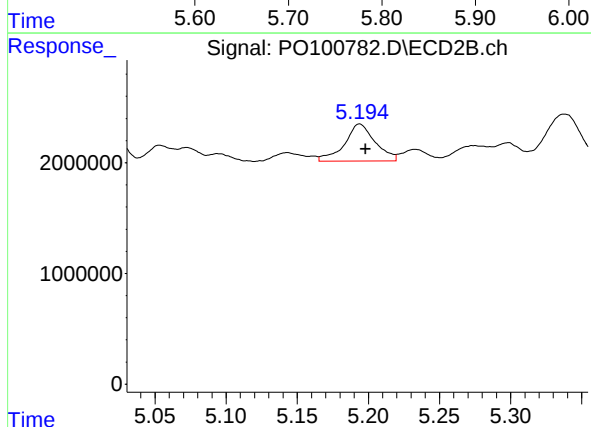
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 4097320
Conc: 192.84 ng/ml



#15 AR-1232-5

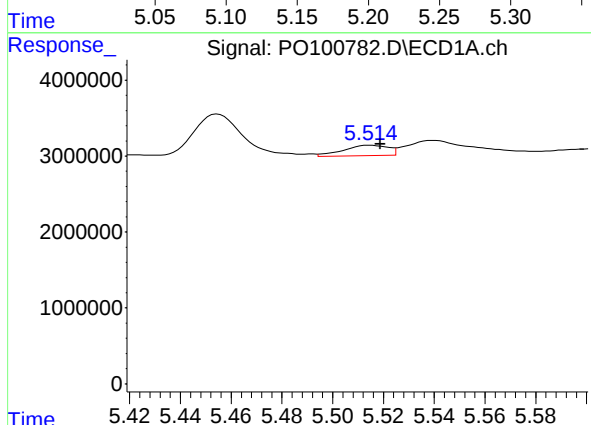
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 13066549
Conc: 543.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



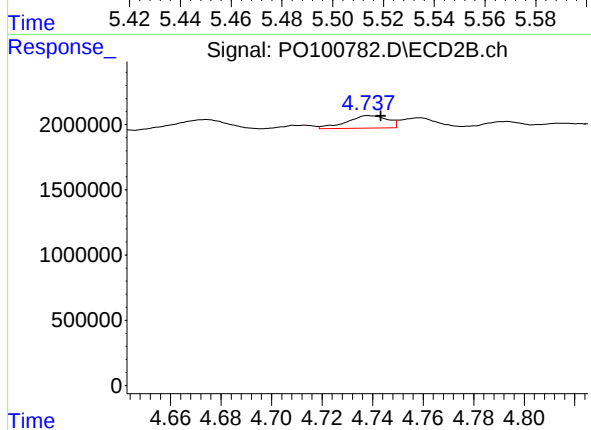
#15 AR-1232-5

R.T.: 5.194 min
Delta R.T.: -0.004 min
Response: 5023691
Conc: 229.88 ng/ml



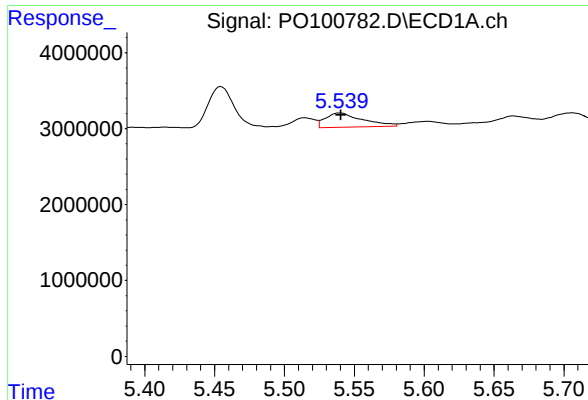
#16 AR-1242-1

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 1681353
Conc: 23.84 ng/ml



#16 AR-1242-1

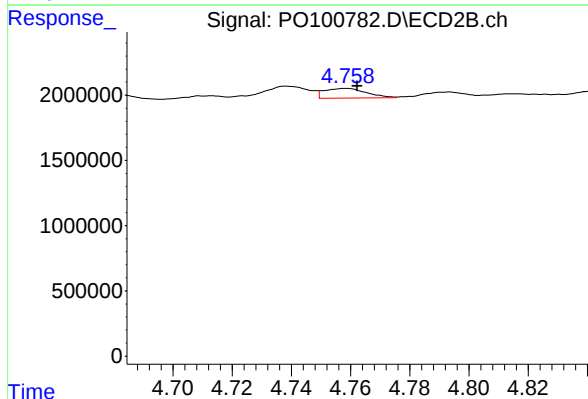
R.T.: 4.739 min
Delta R.T.: -0.005 min
Response: 1065462
Conc: 20.40 ng/ml



#17 AR-1242-2

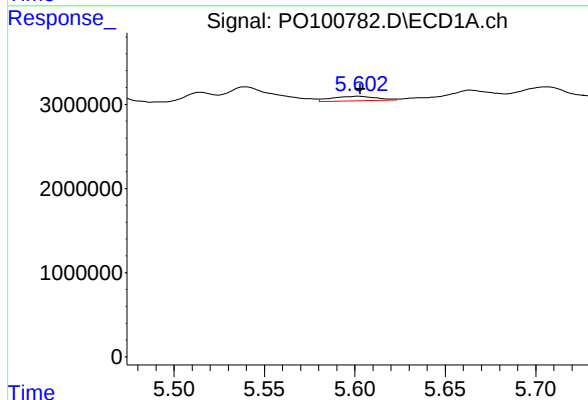
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 3516088
Conc: 33.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



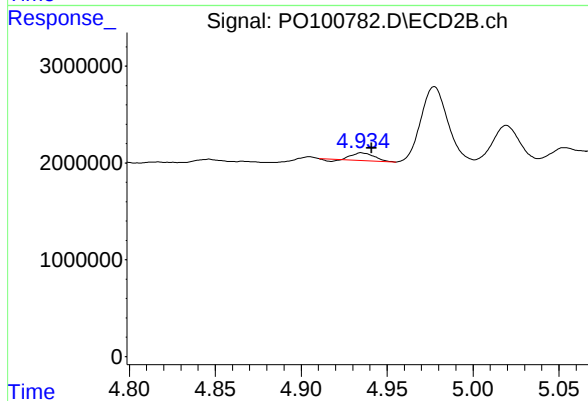
#17 AR-1242-2

R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 727332
Conc: 10.04 ng/ml



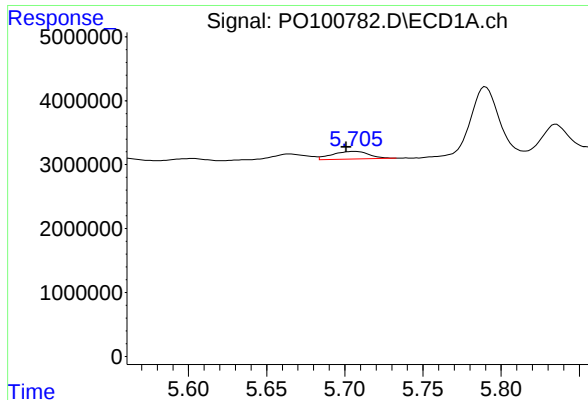
#18 AR-1242-3

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 901423
Conc: 13.87 ng/ml



#18 AR-1242-3

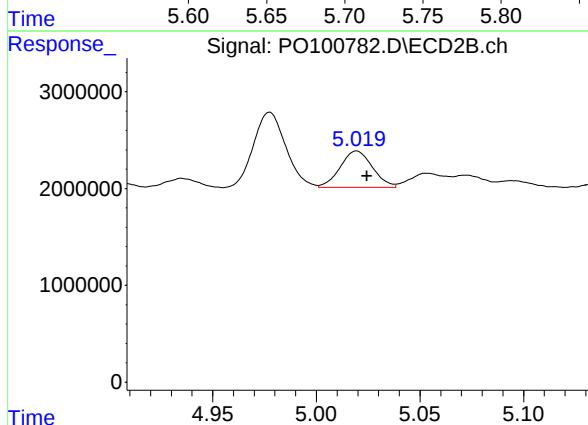
R.T.: 4.935 min
Delta R.T.: -0.006 min
Response: 609313
Conc: 15.90 ng/ml



#19 AR-1242-4

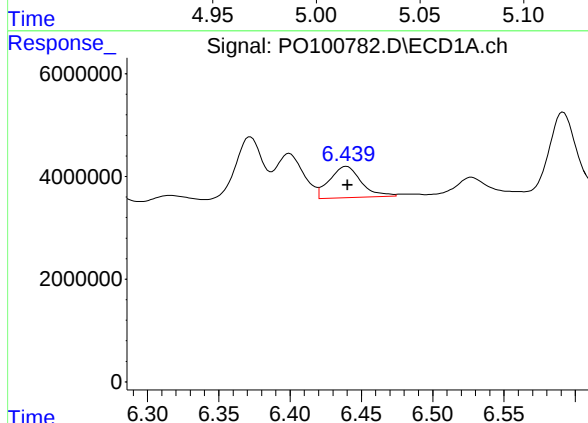
R.T.: 5.706 min
Delta R.T.: 0.005 min
Response: 1957019
Conc: 39.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



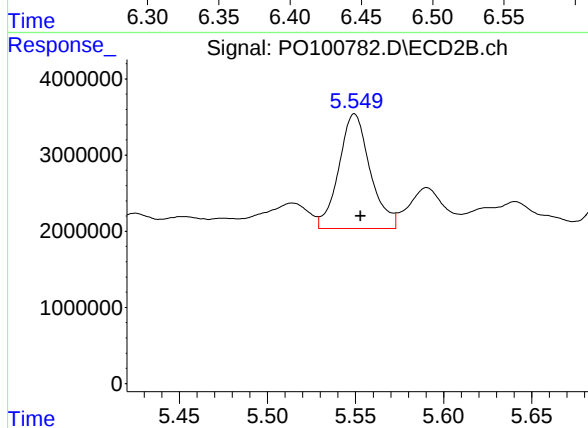
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.005 min
Response: 4097320
Conc: 98.30 ng/ml



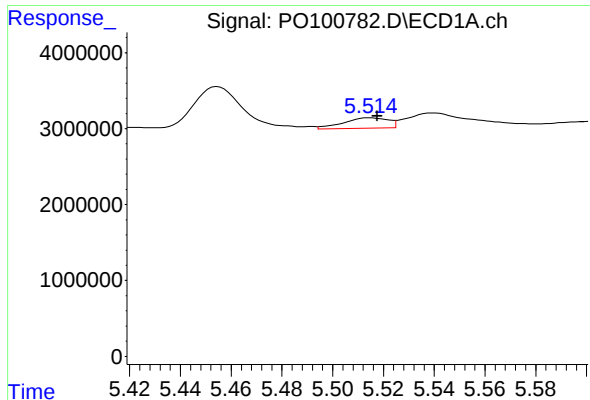
#20 AR-1242-5

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 9343784
Conc: 180.53 ng/ml



#20 AR-1242-5

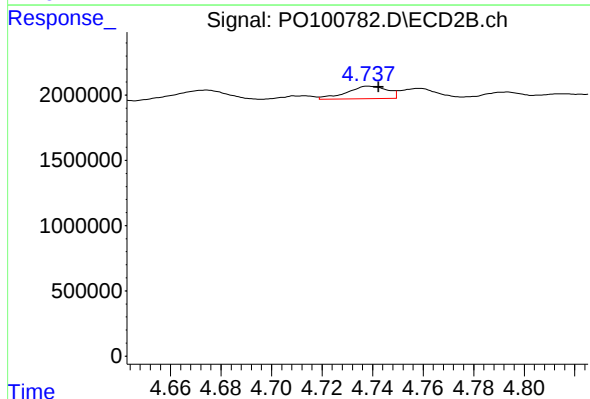
R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 18657473
Conc: 406.53 ng/ml



#21 AR-1248-1

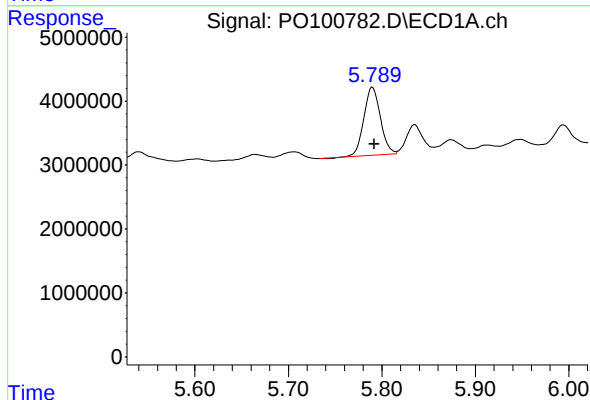
R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 1681353
Conc: 30.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



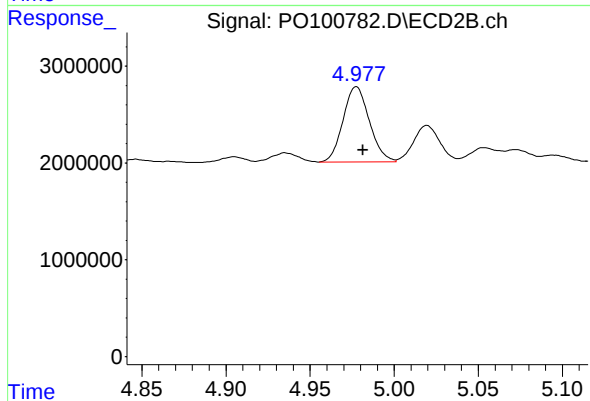
#21 AR-1248-1

R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 1065462
Conc: 26.64 ng/ml



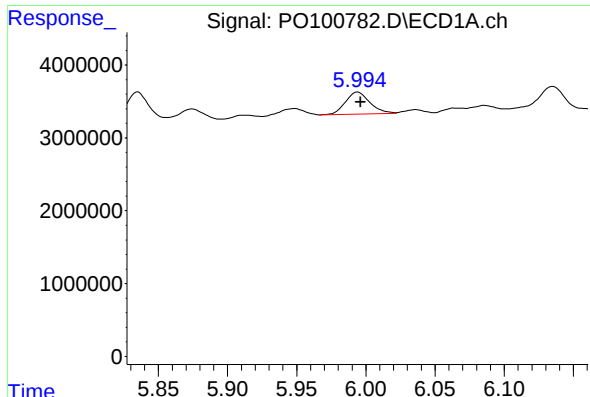
#22 AR-1248-2

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 13066549
Conc: 151.29 ng/ml



#22 AR-1248-2

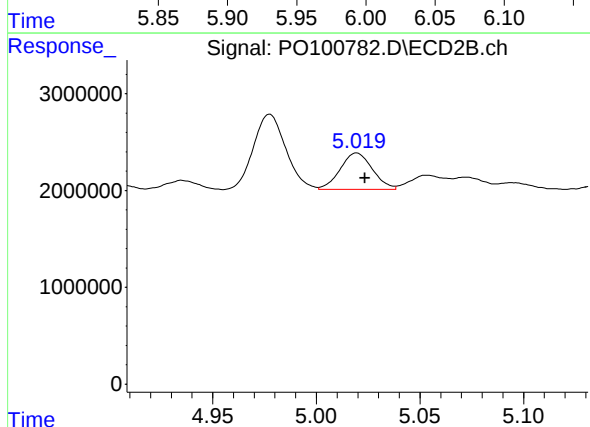
R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 8481843
Conc: 140.98 ng/ml



#23 AR-1248-3

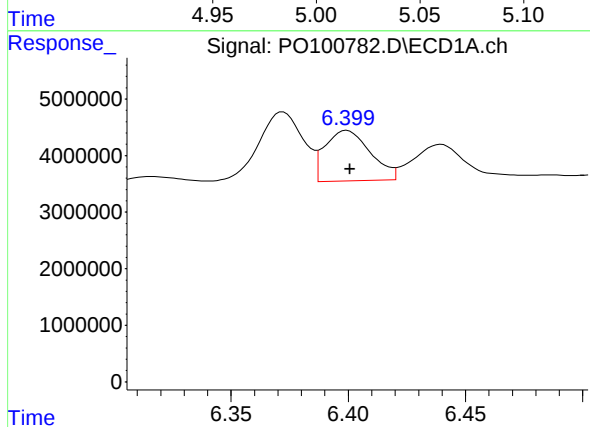
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 3725339
Conc: 42.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



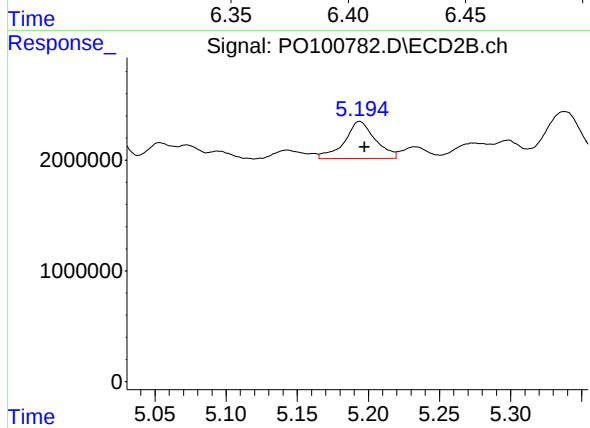
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 4097320
Conc: 65.55 ng/ml



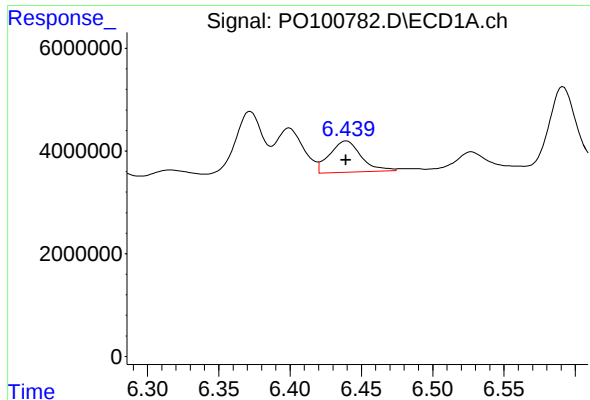
#24 AR-1248-4

R.T.: 6.399 min
Delta R.T.: -0.001 min
Response: 12009188
Conc: 133.57 ng/ml



#24 AR-1248-4

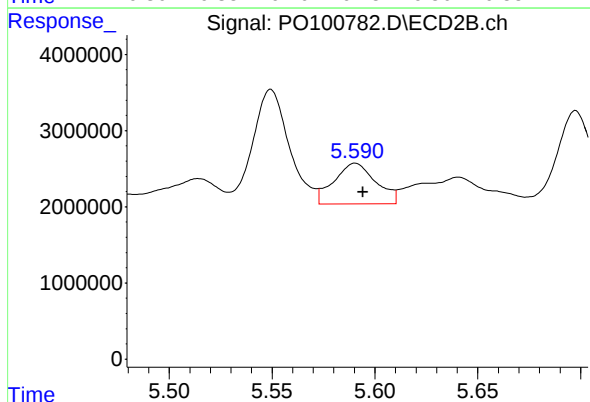
R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 5023691
Conc: 69.74 ng/ml



#25 AR-1248-5

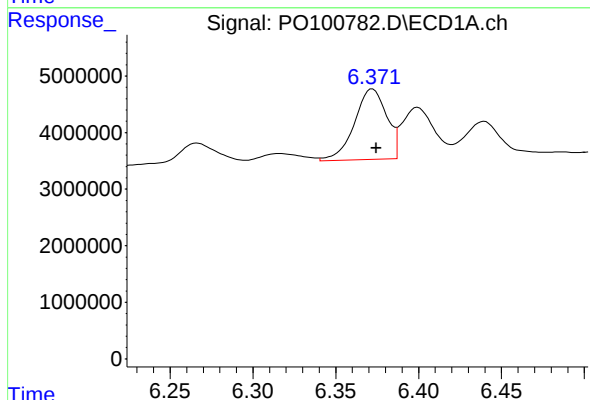
R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 9343784
Conc: 104.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



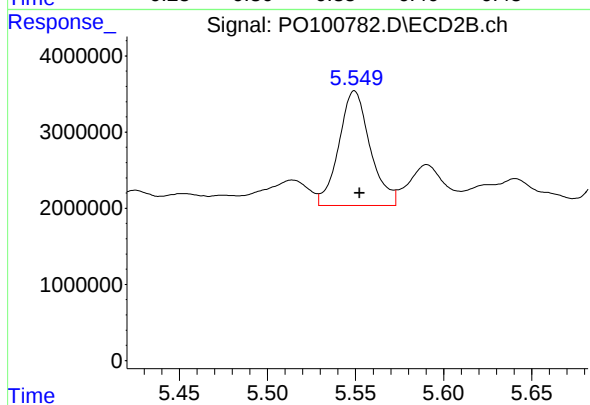
#25 AR-1248-5

R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 7569292
Conc: 122.69 ng/ml



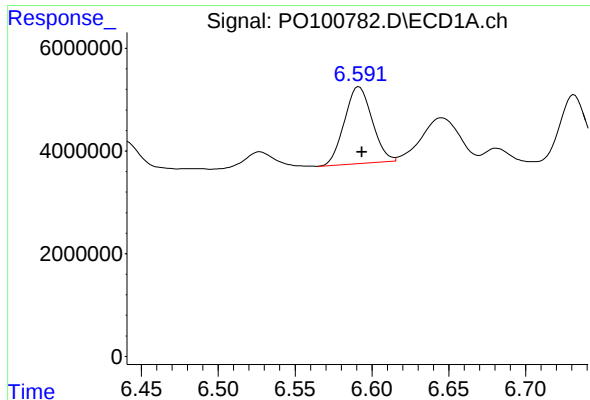
#26 AR-1254-1

R.T.: 6.372 min
Delta R.T.: -0.002 min
Response: 16833506
Conc: 160.14 ng/ml



#26 AR-1254-1

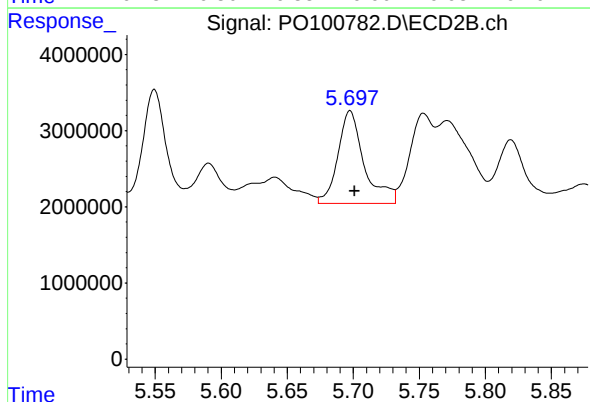
R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 18657473
Conc: 181.79 ng/ml



#27 AR-1254-2

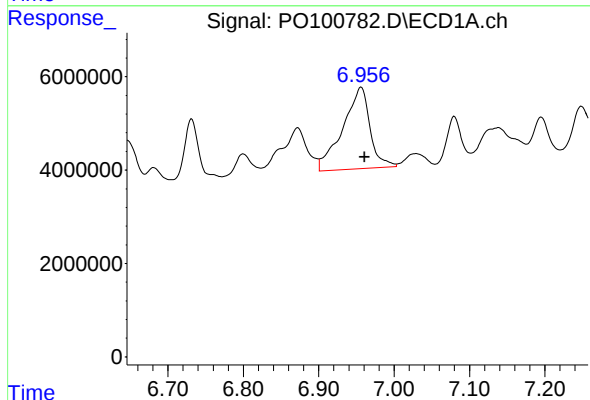
R.T.: 6.592 min
Delta R.T.: -0.002 min
Response: 18715003
Conc: 126.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



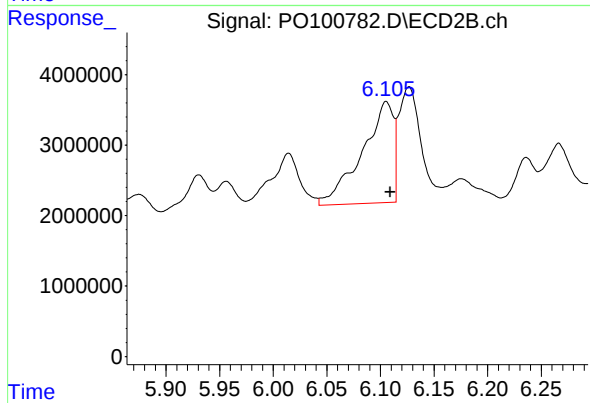
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 16899104
Conc: 183.94 ng/ml



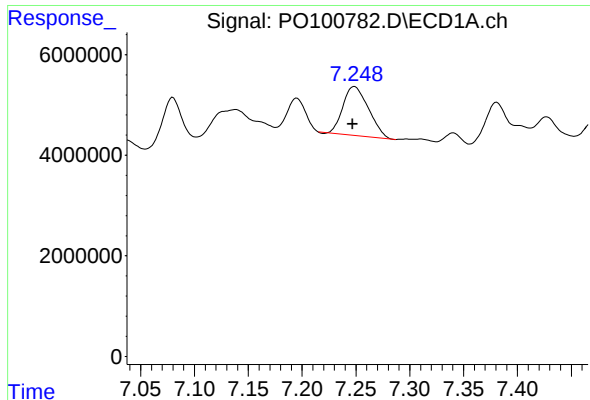
#28 AR-1254-3

R.T.: 6.956 min
Delta R.T.: -0.004 min
Response: 43941322
Conc: 313.80 ng/ml



#28 AR-1254-3

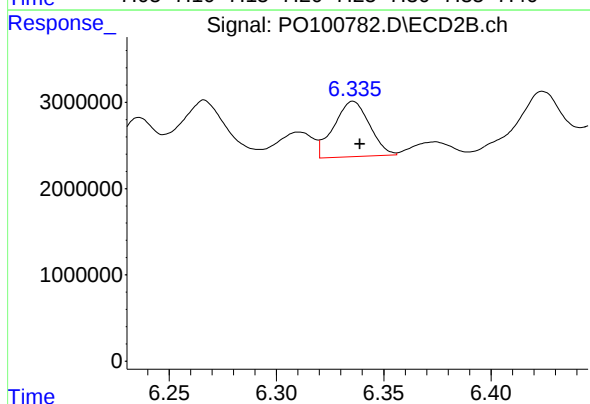
R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 29214554
Conc: 216.02 ng/ml



#29 AR-1254-4

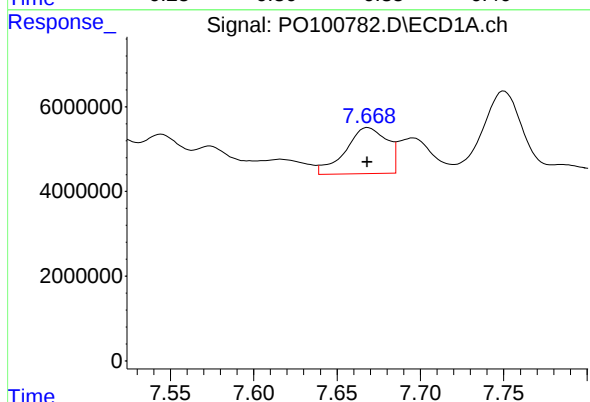
R.T.: 7.249 min
Delta R.T.: 0.001 min
Response: 15955454
Conc: 187.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



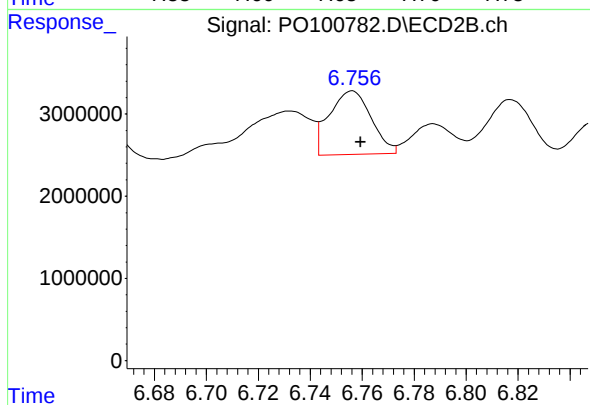
#29 AR-1254-4

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 7424995
Conc: 102.94 ng/ml



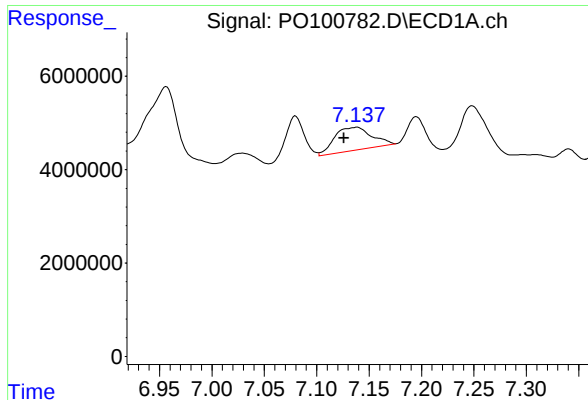
#30 AR-1254-5

R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 18796668
Conc: 158.85 ng/ml



#30 AR-1254-5

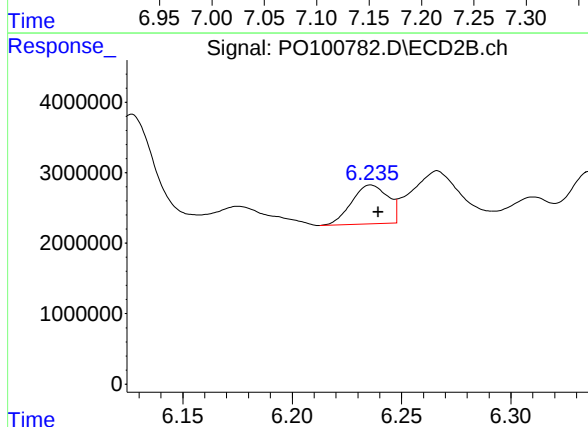
R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 8679969
Conc: 75.33 ng/ml



#31 AR-1260-1

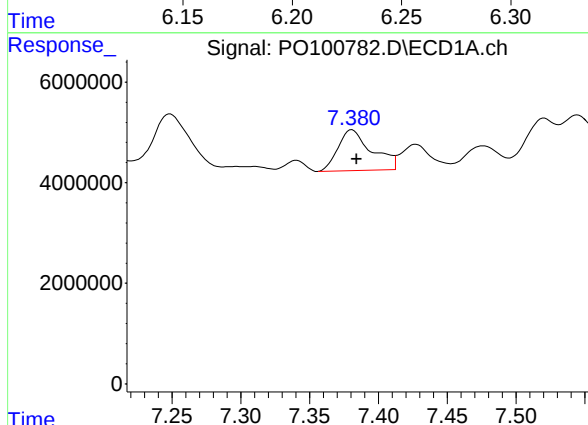
R.T.: 7.139 min
Delta R.T.: 0.013 min
Response: 12277154
Conc: 89.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



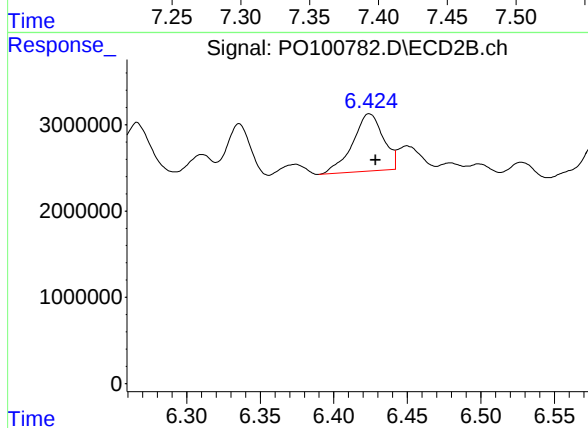
#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: -0.003 min
Response: 6391739
Conc: 67.10 ng/ml



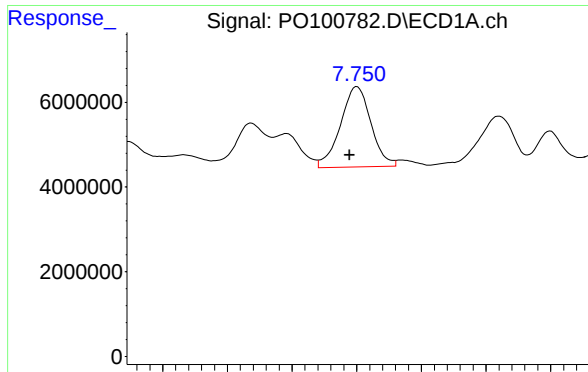
#32 AR-1260-2

R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 13877050
Conc: 110.34 ng/ml



#32 AR-1260-2

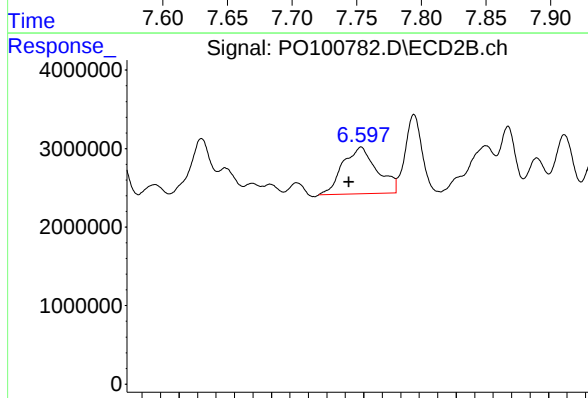
R.T.: 6.424 min
Delta R.T.: -0.004 min
Response: 9681818
Conc: 90.08 ng/ml



#33 AR-1260-3

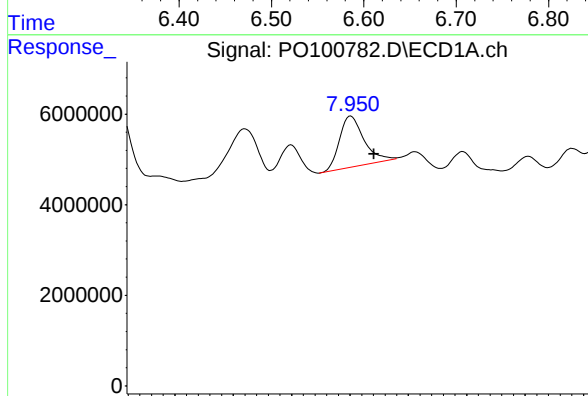
R.T.: 7.750 min
Delta R.T.: 0.005 min
Response: 30968925
Conc: 319.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



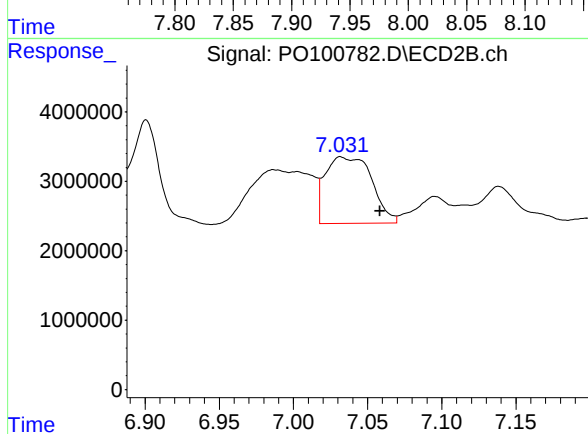
#33 AR-1260-3

R.T.: 6.597 min
Delta R.T.: 0.013 min
Response: 15397914
Conc: 150.23 ng/ml



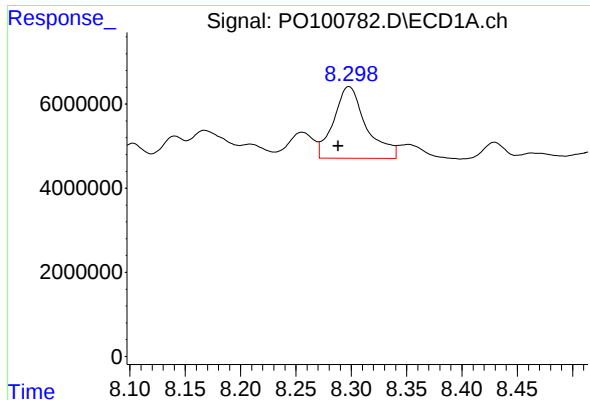
#34 AR-1260-4

R.T.: 7.951 min
Delta R.T.: -0.020 min
Response: 16365394
Conc: 155.08 ng/ml



#34 AR-1260-4

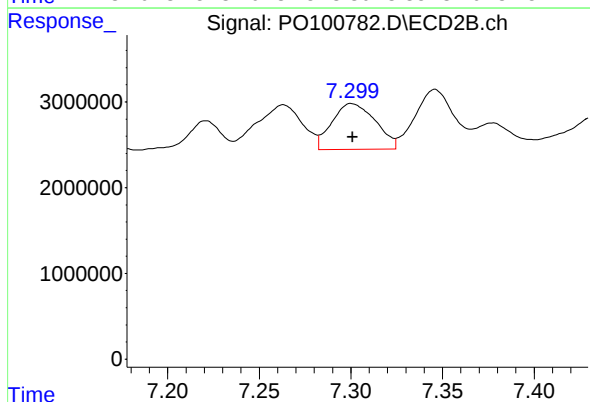
R.T.: 7.032 min
Delta R.T.: -0.027 min
Response: 20832939
Conc: 255.54 ng/ml



#35 AR-1260-5

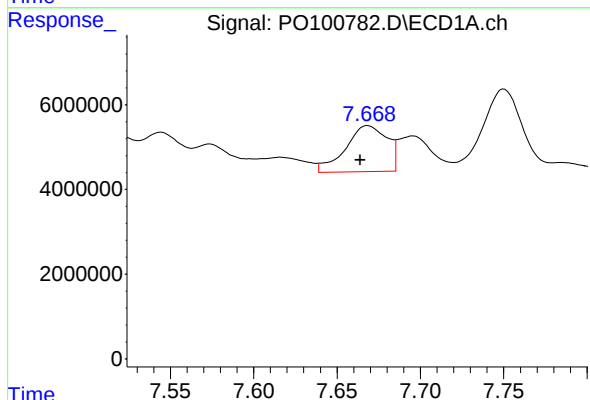
R.T.: 8.298 min
Delta R.T.: 0.010 min
Response: 35040487
Conc: 166.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



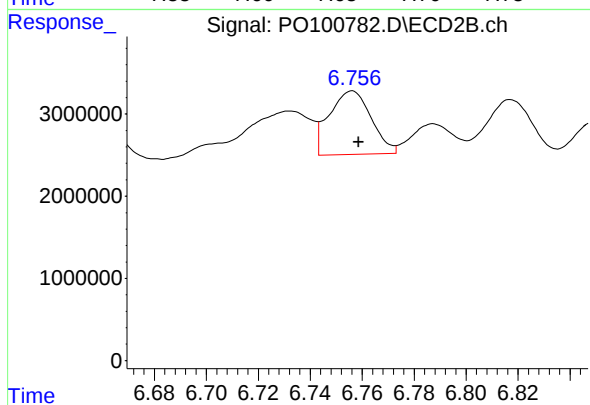
#35 AR-1260-5

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 8828855
Conc: 48.92 ng/ml



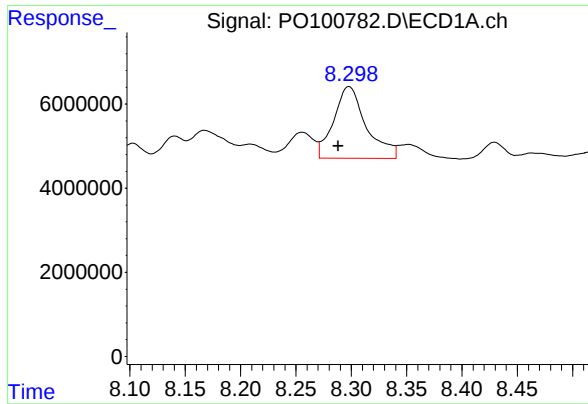
#36 AR-1262-1

R.T.: 7.668 min
Delta R.T.: 0.004 min
Response: 18796668
Conc: 188.16 ng/ml



#36 AR-1262-1

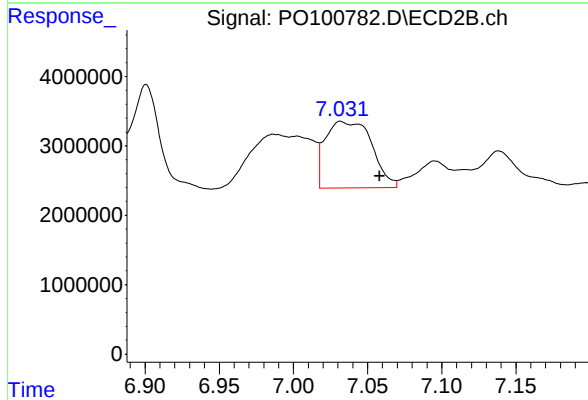
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 8679969
Conc: 139.15 ng/ml



#37 AR-1262-2

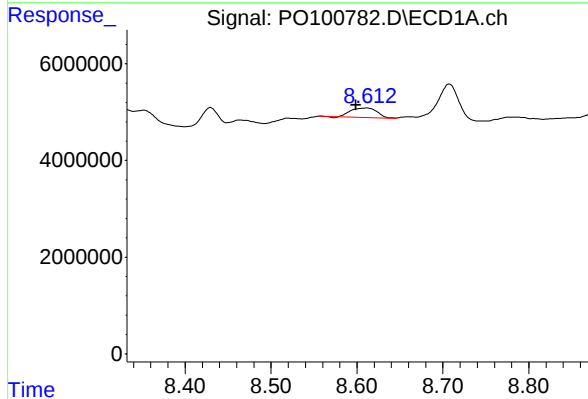
R.T.: 8.298 min
Delta R.T.: 0.010 min
Response: 35040487
Conc: 147.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



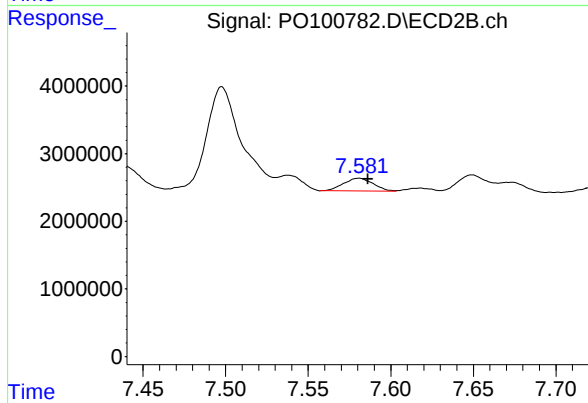
#37 AR-1262-2

R.T.: 7.032 min
Delta R.T.: -0.026 min
Response: 20832939
Conc: 184.35 ng/ml



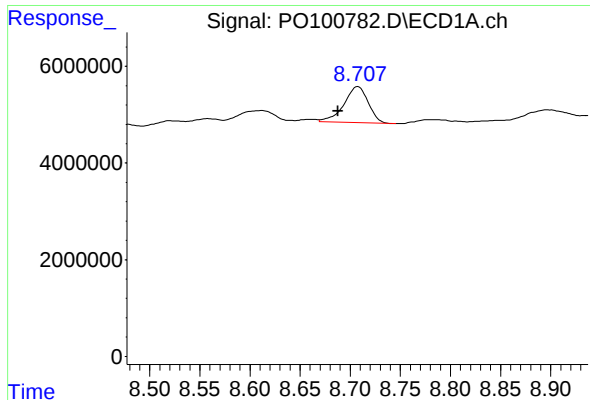
#38 AR-1262-3

R.T.: 8.612 min
Delta R.T.: 0.013 min
Response: 4176386
Conc: 25.72 ng/ml



#38 AR-1262-3

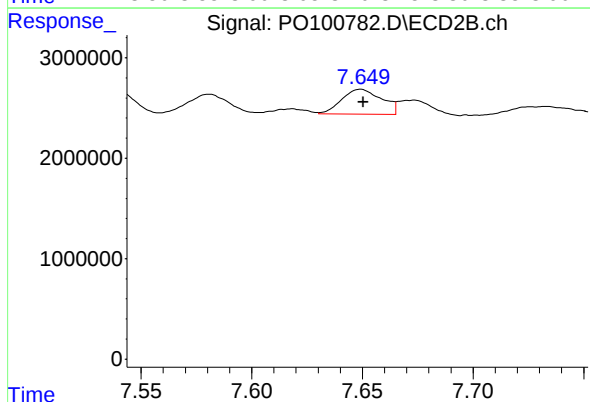
R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 2300391
Conc: 29.87 ng/ml



#39 AR-1262-4

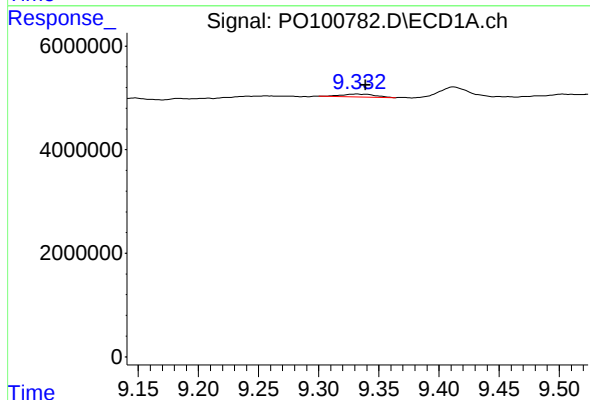
R.T.: 8.708 min
Delta R.T.: 0.020 min
Response: 12606452
Conc: 97.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



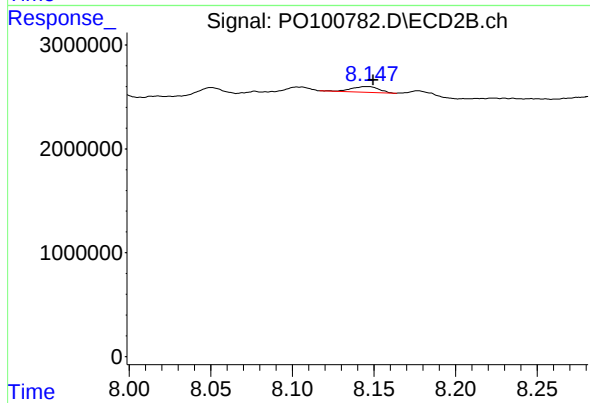
#39 AR-1262-4

R.T.: 7.649 min
Delta R.T.: -0.001 min
Response: 3108415
Conc: 21.04 ng/ml



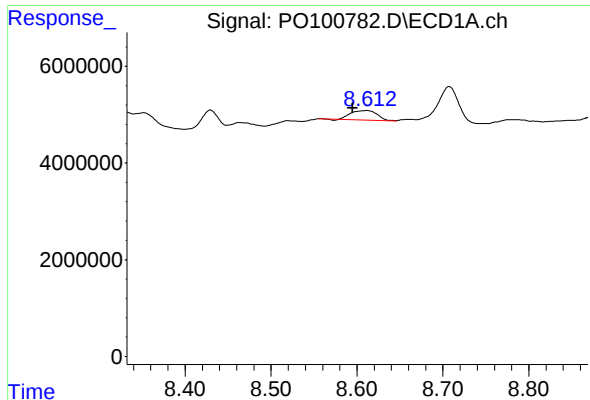
#40 AR-1262-5

R.T.: 9.332 min
Delta R.T.: -0.007 min
Response: 1040293
Conc: 13.04 ng/ml



#40 AR-1262-5

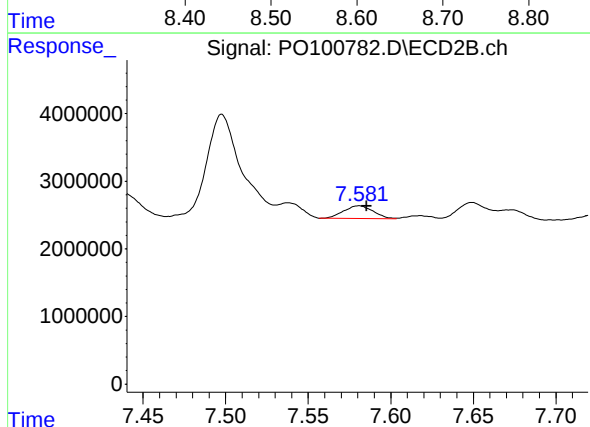
R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 646701
Conc: 10.11 ng/ml



#41 AR-1268-1

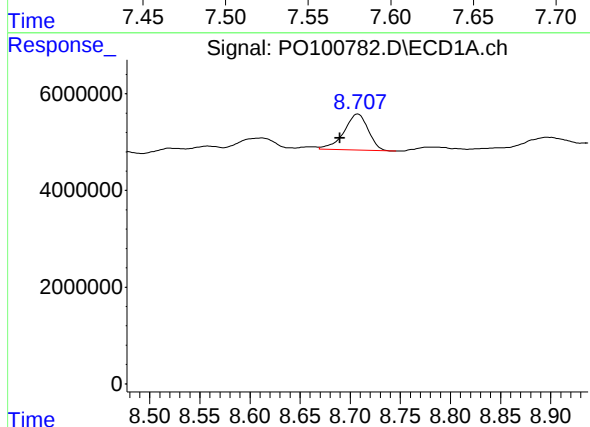
R.T.: 8.612 min
Delta R.T.: 0.017 min
Response: 4176386
Conc: 14.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



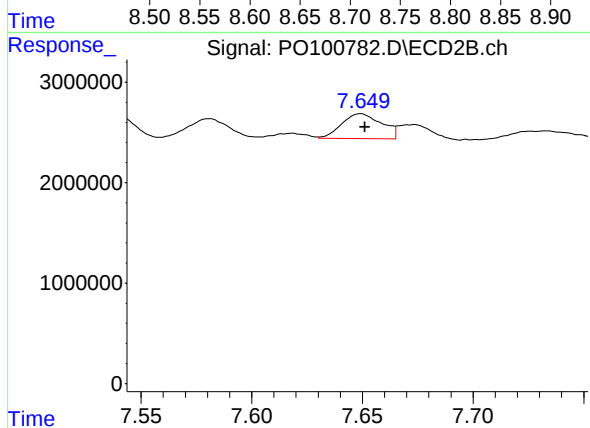
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 2300391
Conc: 10.38 ng/ml



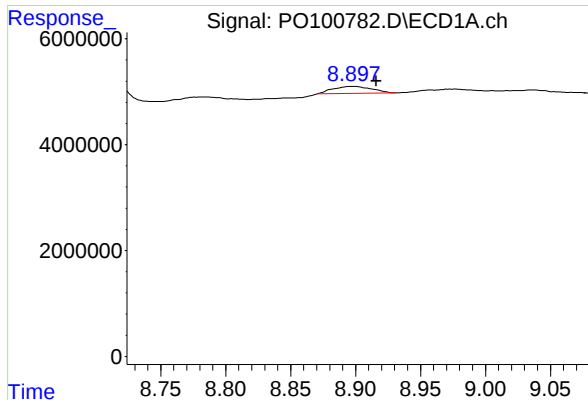
#42 AR-1268-2

R.T.: 8.708 min
Delta R.T.: 0.018 min
Response: 12606452
Conc: 49.88 ng/ml



#42 AR-1268-2

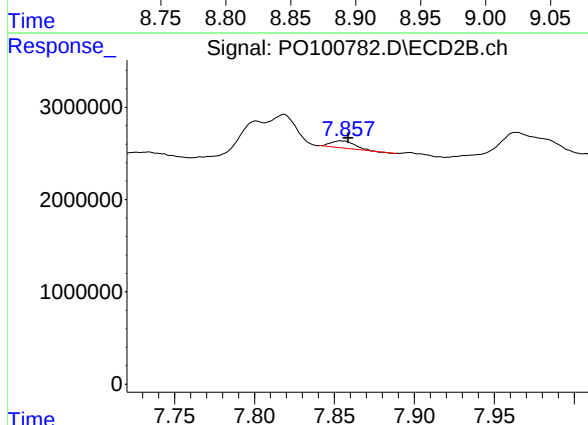
R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 3108415
Conc: 15.37 ng/ml



#43 AR-1268-3

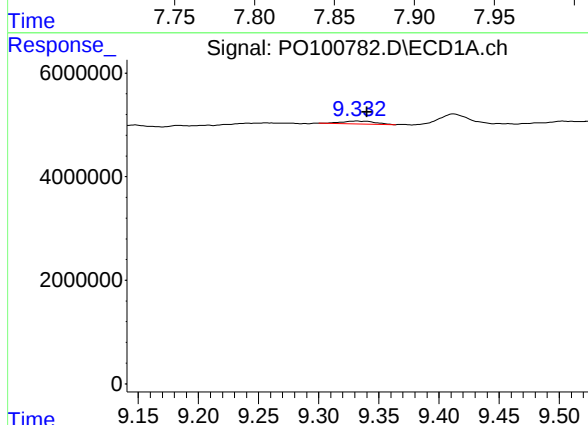
R.T.: 8.897 min
Delta R.T.: -0.019 min
Response: 2739068
Conc: 12.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



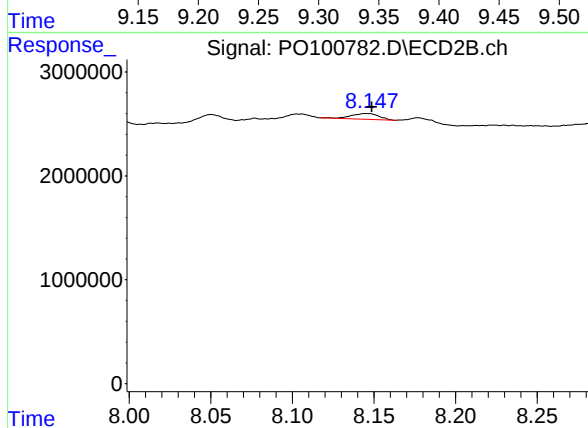
#43 AR-1268-3

R.T.: 7.854 min
Delta R.T.: -0.004 min
Response: 787715
Conc: 4.18 ng/ml



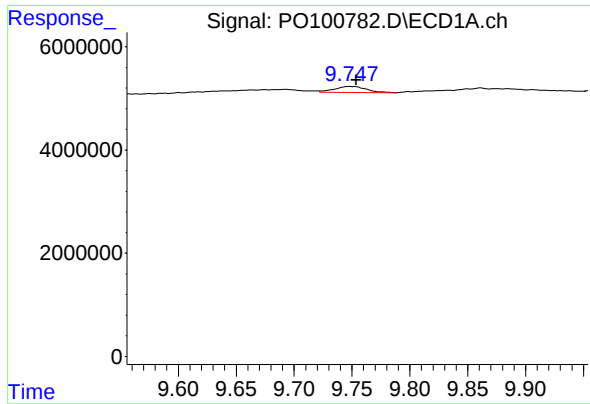
#44 AR-1268-4

R.T.: 9.332 min
Delta R.T.: -0.008 min
Response: 1040293
Conc: 13.29 ng/ml



#44 AR-1268-4

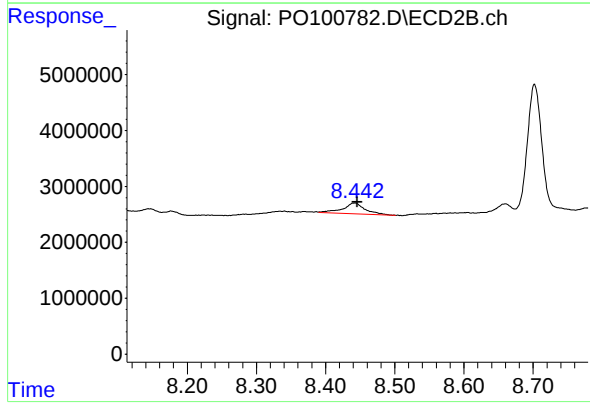
R.T.: 8.146 min
Delta R.T.: -0.003 min
Response: 646701
Conc: 9.63 ng/ml



#45 AR-1268-5

R.T.: 9.748 min
Delta R.T.: -0.005 min
Response: 2192515
Conc: 3.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 4367053
Conc: 8.42 ng/ml