

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122723\
 Data File : P0100784.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 11:18
 Operator : YP/AJ
 Sample : 05899-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 00:18:21 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...	4.347	3.643	75799449	47277068	24.293	23.136
2) SA Decachlor...	10.088	8.702	43748560	32968625	20.941	21.843
Target Compounds						
3) L1 AR-1016-1	5.516	4.739	2594245	2304155	30.226	37.233
4) L1 AR-1016-2	5.538	4.758	7212957	5032006	56.504	57.070
5) L1 AR-1016-3	5.602	4.936	1441357	2801876	18.276	59.978 #
6) L1 AR-1016-4	5.698	4.978	3844888	4851415	63.095	118.217 #
7) L1 AR-1016-5	5.994	5.194	4273730	5236103	69.816	100.797 #
8) L2 AR-1221-1	4.555	3.847	394271	291533	10.665	11.609
9) L2 AR-1221-2	4.653	3.947	1221840	1311118	43.996	68.279 #
10) L2 AR-1221-3	4.735	4.019	578368	261458	6.930	4.443 #
11) L3 AR-1232-1	4.735	4.019	578368	261458	8.675	5.530 #
12) L3 AR-1232-2	5.247	4.758	3661312	5032006	104.433	120.643
13) L3 AR-1232-3	5.538	4.936	7212957	2801876	120.889	130.602
14) L3 AR-1232-4	5.698	5.020	3844888	2979208	140.225	140.218
15) L3 AR-1232-5	5.790	5.194	6737730	5236103	280.237	239.600
16) L4 AR-1242-1	5.516	4.739	2594245	2304155	36.782	44.117
17) L4 AR-1242-2	5.538	4.758	7212957	5032006	68.719	69.432
18) L4 AR-1242-3	5.602	4.936	1441357	2801876	22.173	73.125 #
19) L4 AR-1242-4	5.698	5.020	3844888	2979208	76.779	71.475
20) L4 AR-1242-5	6.439	5.549	4632272	9826198	89.501	214.103 #
21) L5 AR-1248-1	5.516	4.739	2594245	2304155	47.288	57.620
22) L5 AR-1248-2	5.790	4.978	6737730	4851415	78.012	80.638
23) L5 AR-1248-3	5.994	5.020	4273730	2979208	48.690	47.660
24) L5 AR-1248-4	6.399	5.194	5614040	5236103	62.443	72.693
25) L5 AR-1248-5	6.439	5.590	4632272	3444080	51.607	55.827
26) L6 AR-1254-1	6.373	5.549	8312982	9826198	79.082	95.744
27) L6 AR-1254-2	6.593	5.698	11615325	7929256	78.662	86.308
28) L6 AR-1254-3	6.959	6.106	12311811	17587065	87.924	130.045 #
29) L6 AR-1254-4	7.247	6.335	7095605	6636550	83.465	92.007
30) L6 AR-1254-5	7.666	6.756	14201189	9647120	120.017	83.725 #
31) L7 AR-1260-1	7.126	6.237	6159057	7398116	44.958	77.668 #
32) L7 AR-1260-2	7.382	6.425	4092261	5240713	32.538	48.758 #
33) L7 AR-1260-3	7.752	6.579	4907317	5060997	50.661	49.377
34) L7 AR-1260-4	7.956	7.047	3920398	1115529	37.151	13.683 #
35) L7 AR-1260-5	8.296	7.298	6962673	1720624	32.984	9.534 #
36) L8 AR-1262-1	7.666	6.756	14201189	9647120	142.154	154.654
37) L8 AR-1262-2	8.296	7.047	6962673	1115529	29.340	9.871 #
38) L8 AR-1262-3	8.612	7.581	1845789	642608	11.366	8.345 #
39) L8 AR-1262-4	8.704	7.646	1519137	1497244	11.783	10.135
40) L8 AR-1262-5	9.322	8.146	118432	686914	1.485	10.741 #
41) L9 AR-1268-1	8.612	7.581	1845789	642608	6.532	2.899 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122723\
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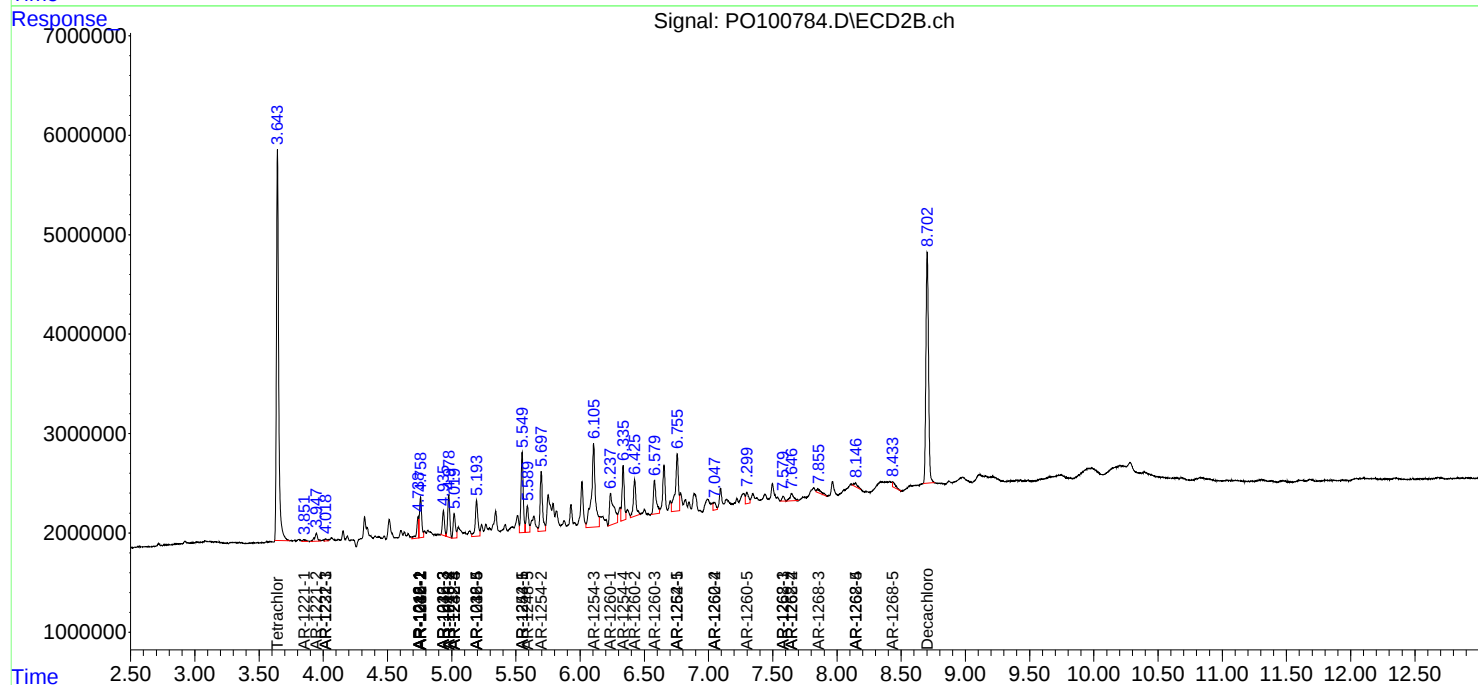
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

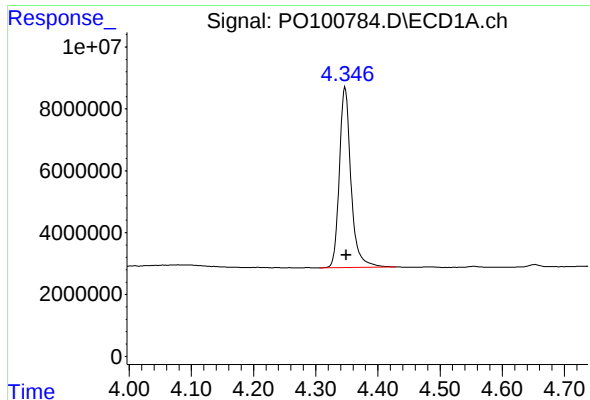
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.704	7.646	1519137	1497244	6.011	7.403
43) L9	AR-1268-3	8.919	7.854	481452	955319	2.110	5.064 #
44) L9	AR-1268-4	9.322	8.146	118432	686914	1.513	10.231 #
45) L9	AR-1268-5	9.759	8.433	99703	769742	0.139	1.484 #

(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

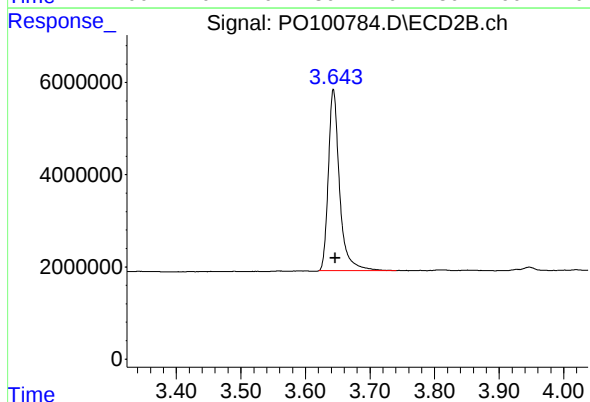




#1 Tetrachloro-m-xylene

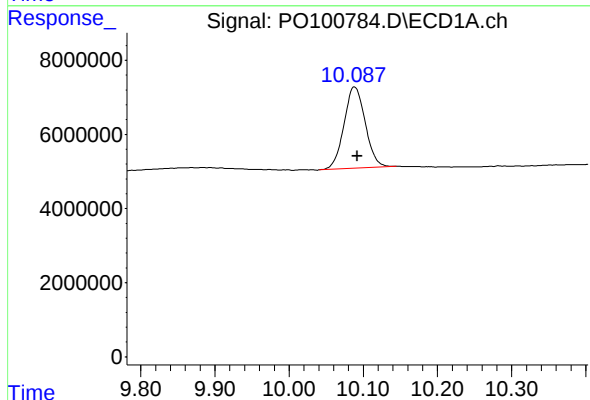
R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 75799449
Conc: 24.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



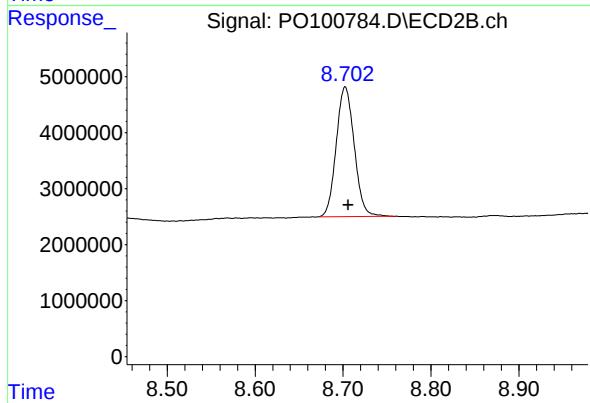
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.003 min
Response: 47277068
Conc: 23.14 ng/ml



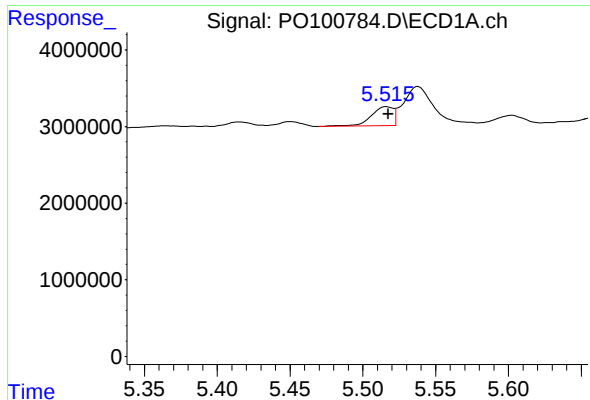
#2 Decachlorobiphenyl

R.T.: 10.088 min
Delta R.T.: -0.004 min
Response: 43748560
Conc: 20.94 ng/ml



#2 Decachlorobiphenyl

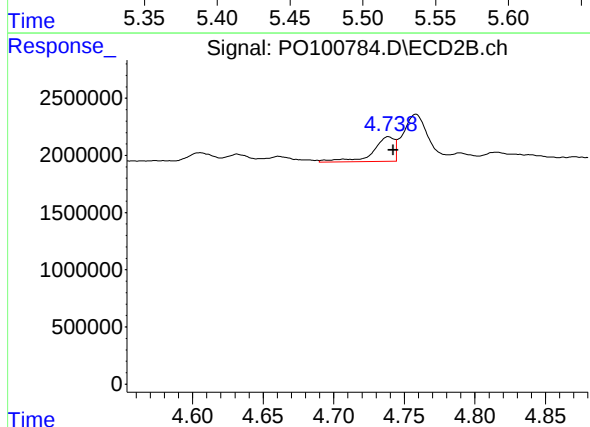
R.T.: 8.702 min
Delta R.T.: -0.003 min
Response: 32968625
Conc: 21.84 ng/ml



#3 AR-1016-1

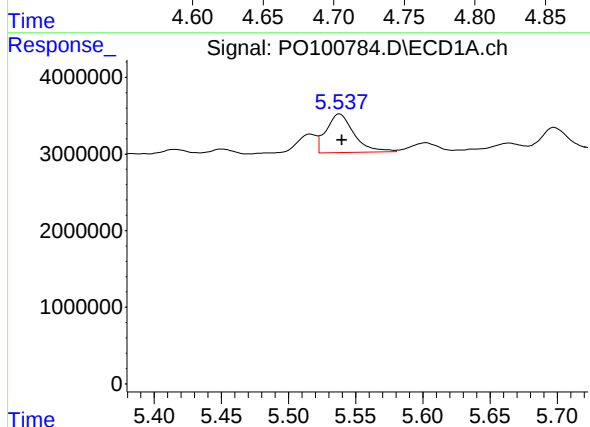
R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 2594245
Conc: 30.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



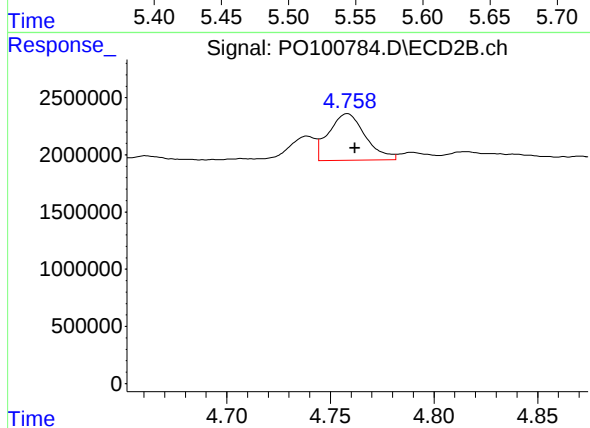
#3 AR-1016-1

R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 2304155
Conc: 37.23 ng/ml



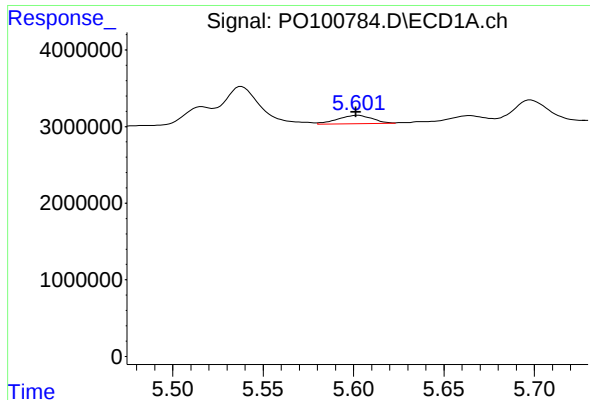
#4 AR-1016-2

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 7212957
Conc: 56.50 ng/ml



#4 AR-1016-2

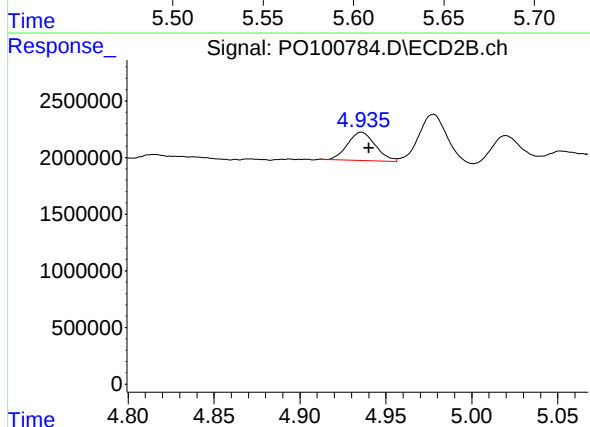
R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 5032006
Conc: 57.07 ng/ml



#5 AR-1016-3

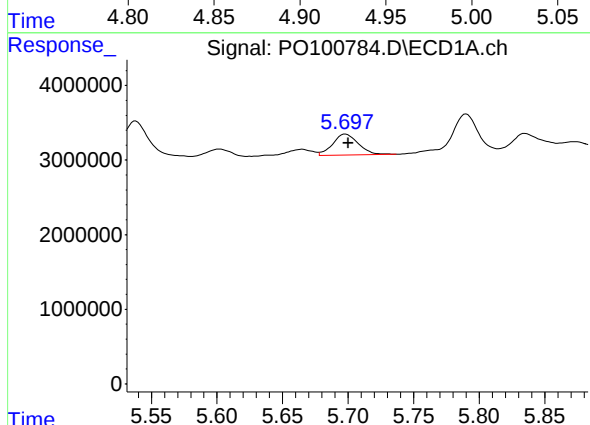
R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 1441357
Conc: 18.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



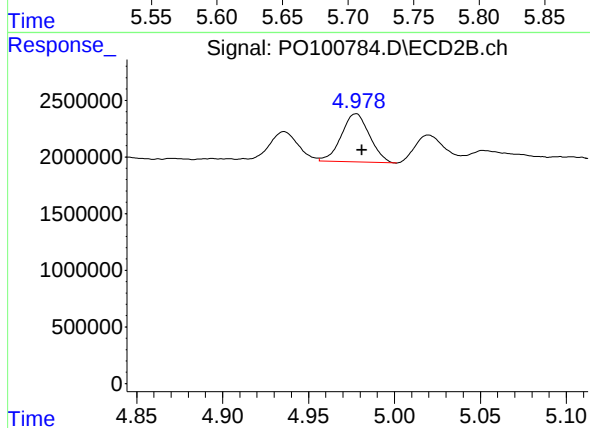
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: 2801876
Conc: 59.98 ng/ml



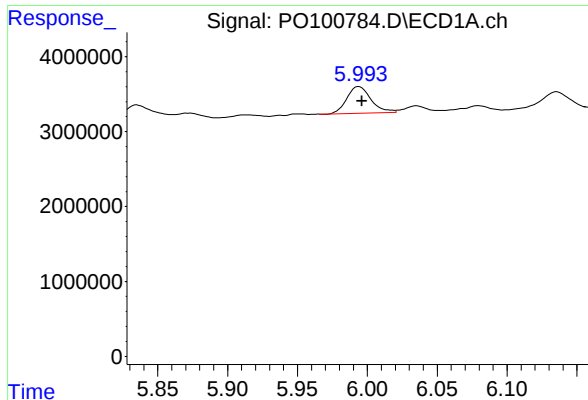
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 3844888
Conc: 63.10 ng/ml



#6 AR-1016-4

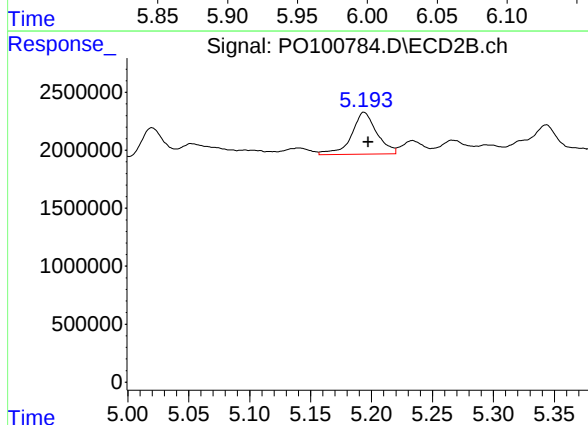
R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 4851415
Conc: 118.22 ng/ml



#7 AR-1016-5

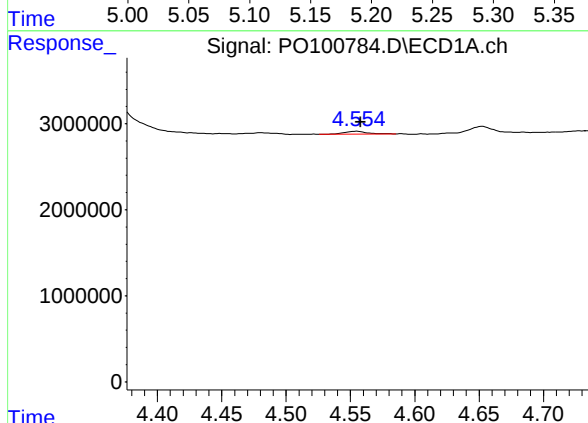
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 4273730
Conc: 69.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



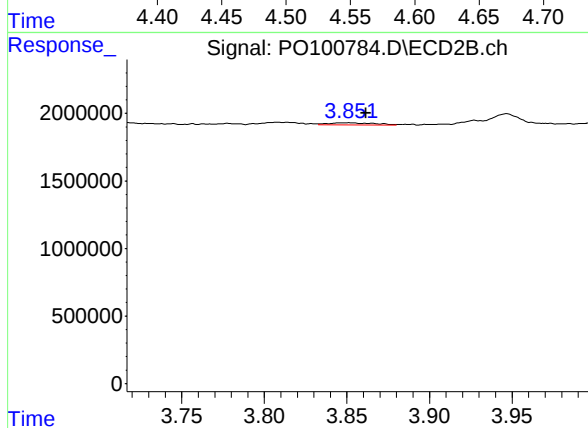
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 5236103
Conc: 100.80 ng/ml



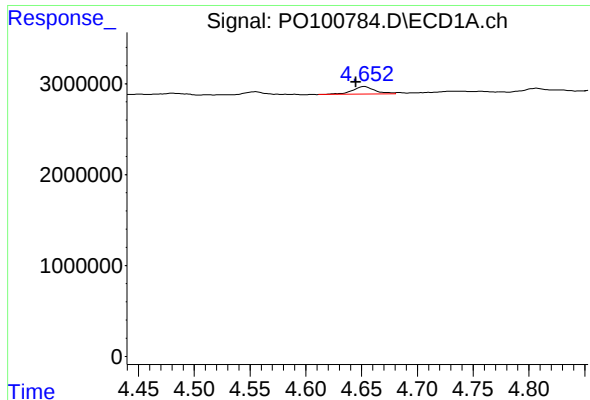
#8 AR-1221-1

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 394271
Conc: 10.67 ng/ml



#8 AR-1221-1

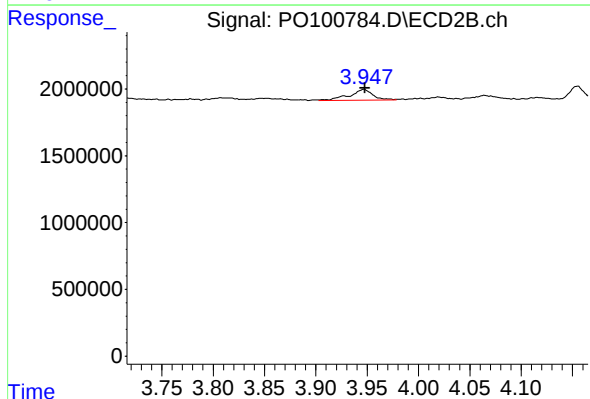
R.T.: 3.847 min
Delta R.T.: -0.015 min
Response: 291533
Conc: 11.61 ng/ml



#9 AR-1221-2

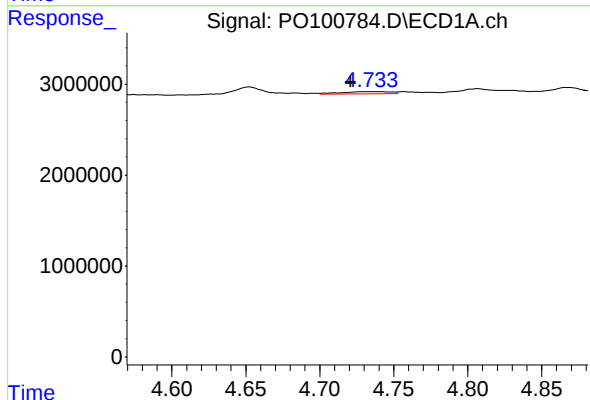
R.T.: 4.653 min
Delta R.T.: 0.008 min
Response: 1221840
Conc: 44.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



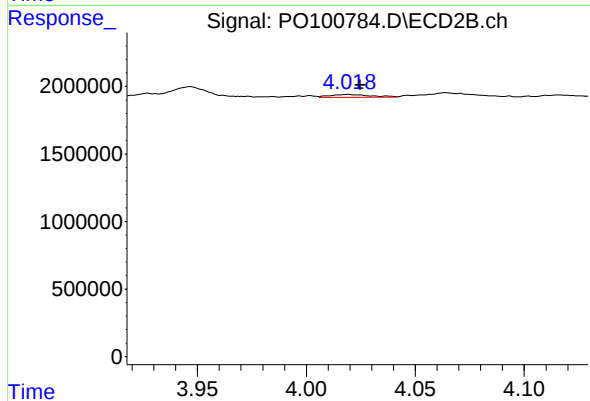
#9 AR-1221-2

R.T.: 3.947 min
Delta R.T.: -0.001 min
Response: 1311118
Conc: 68.28 ng/ml



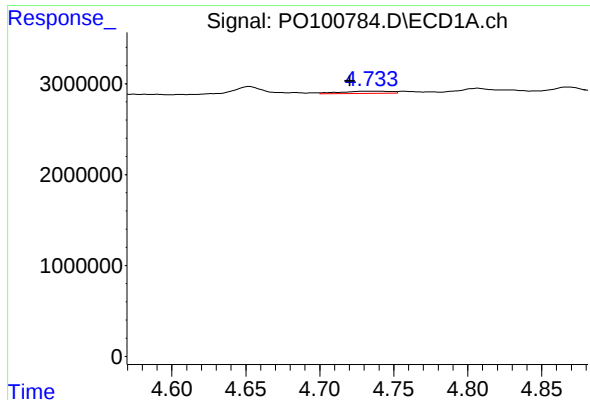
#10 AR-1221-3

R.T.: 4.735 min
Delta R.T.: 0.014 min
Response: 578368
Conc: 6.93 ng/ml



#10 AR-1221-3

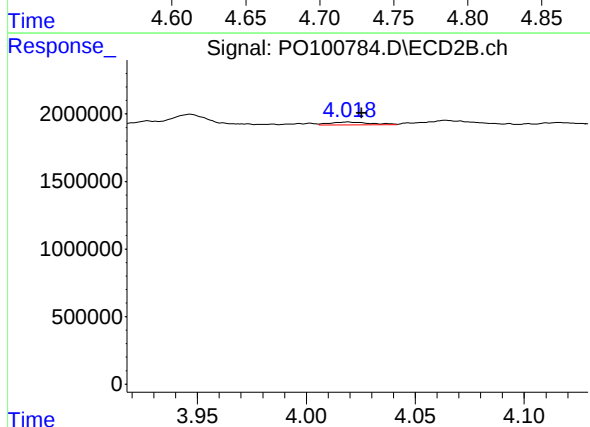
R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 261458
Conc: 4.44 ng/ml



#11 AR-1232-1

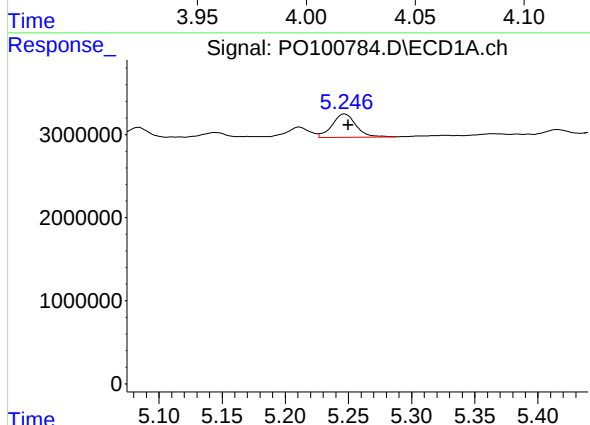
R.T.: 4.735 min
Delta R.T.: 0.014 min
Response: 578368
Conc: 8.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



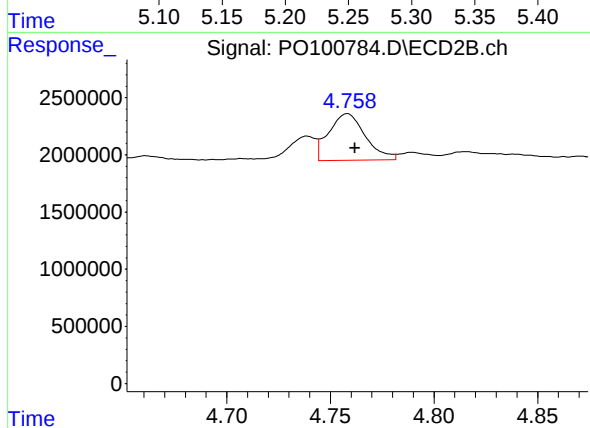
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 261458
Conc: 5.53 ng/ml



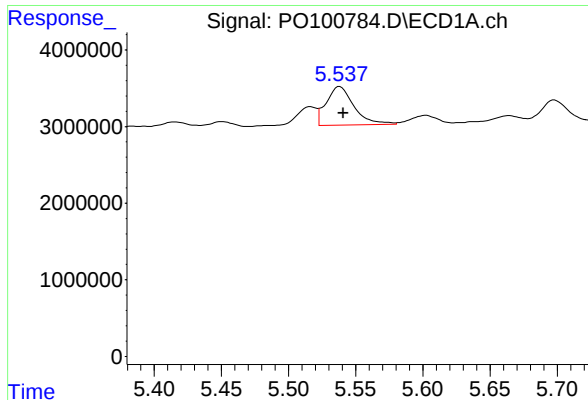
#12 AR-1232-2

R.T.: 5.247 min
Delta R.T.: -0.003 min
Response: 3661312
Conc: 104.43 ng/ml



#12 AR-1232-2

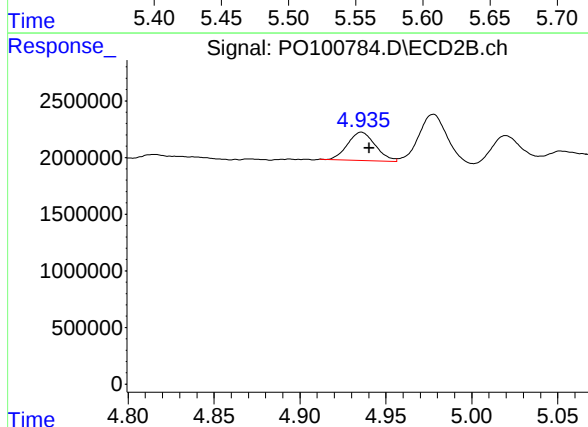
R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 5032006
Conc: 120.64 ng/ml



#13 AR-1232-3

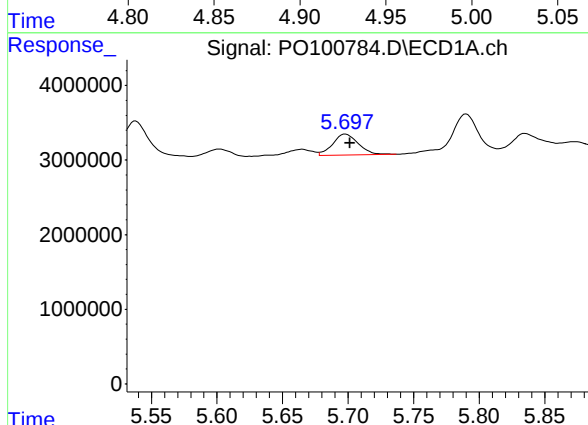
R.T.: 5.538 min
Delta R.T.: -0.003 min
Response: 7212957
Conc: 120.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



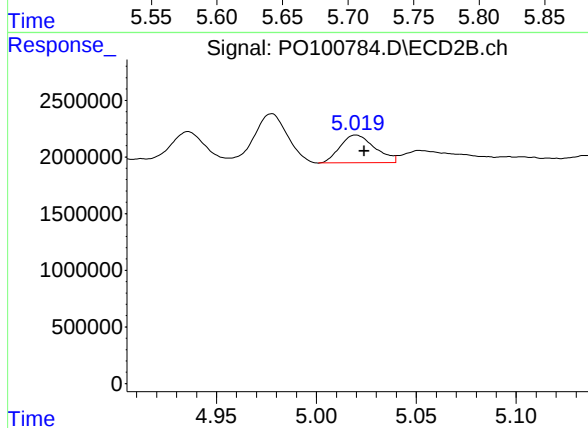
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: 2801876
Conc: 130.60 ng/ml



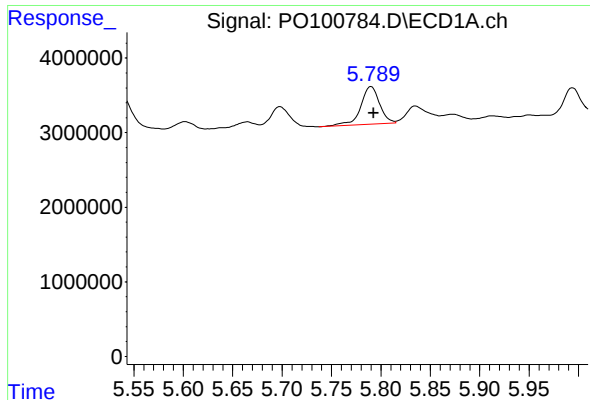
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 3844888
Conc: 140.22 ng/ml



#14 AR-1232-4

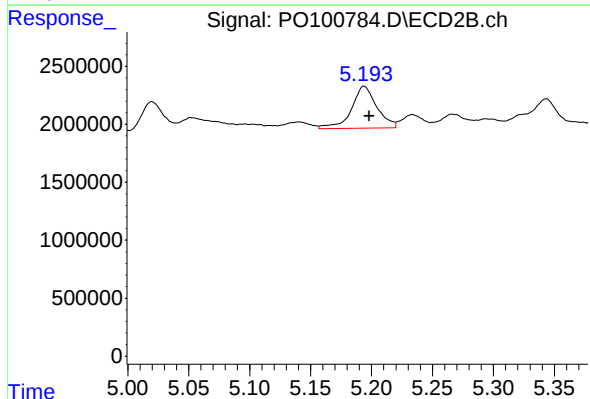
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 2979208
Conc: 140.22 ng/ml



#15 AR-1232-5

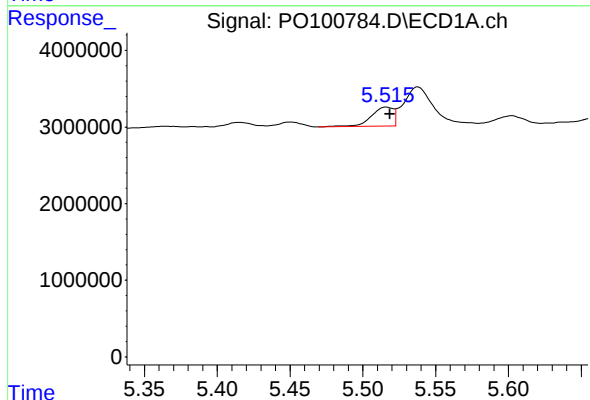
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 6737730
Conc: 280.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



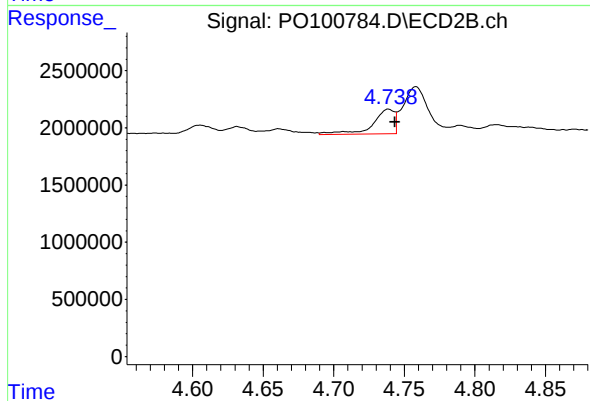
#15 AR-1232-5

R.T.: 5.194 min
Delta R.T.: -0.004 min
Response: 5236103
Conc: 239.60 ng/ml



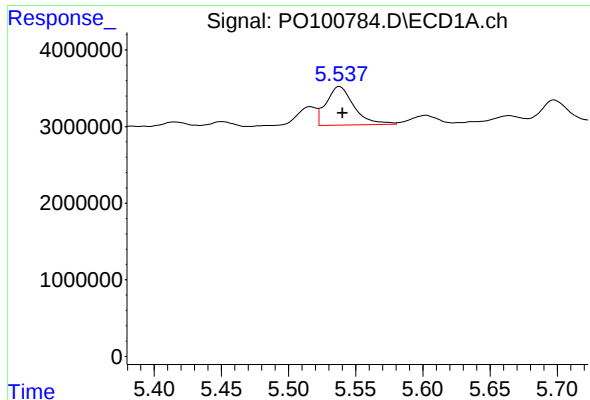
#16 AR-1242-1

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 2594245
Conc: 36.78 ng/ml



#16 AR-1242-1

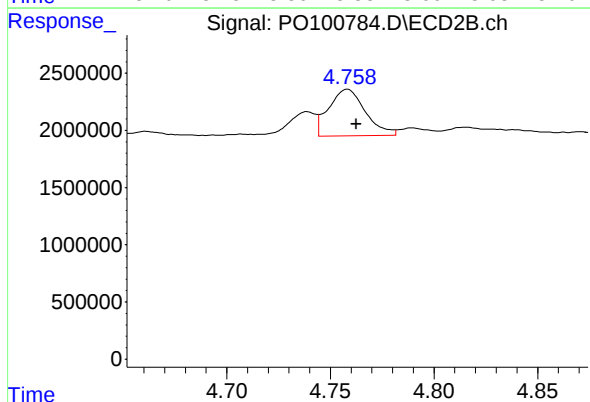
R.T.: 4.739 min
Delta R.T.: -0.005 min
Response: 2304155
Conc: 44.12 ng/ml



#17 AR-1242-2

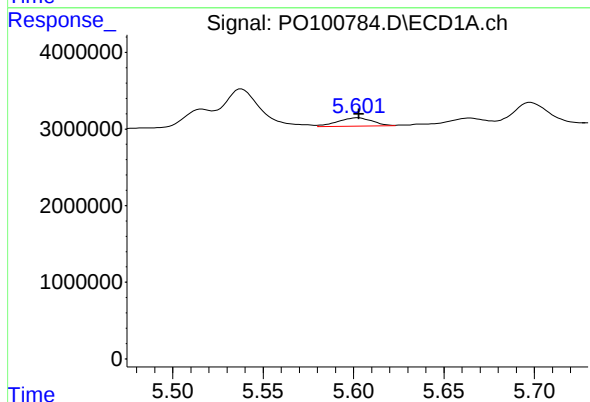
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 7212957
Conc: 68.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



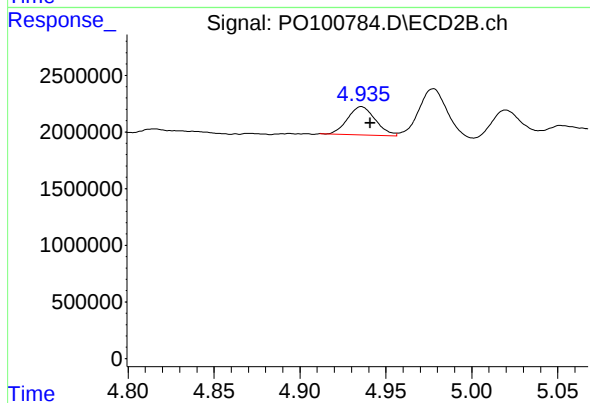
#17 AR-1242-2

R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 5032006
Conc: 69.43 ng/ml



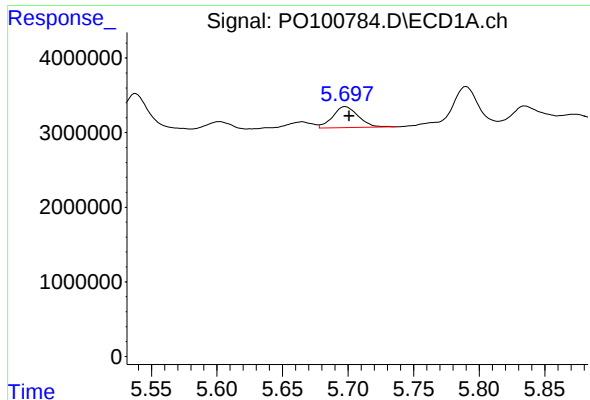
#18 AR-1242-3

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 1441357
Conc: 22.17 ng/ml



#18 AR-1242-3

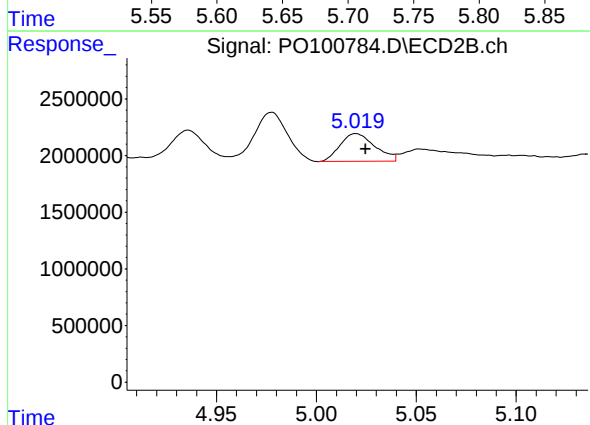
R.T.: 4.936 min
Delta R.T.: -0.005 min
Response: 2801876
Conc: 73.12 ng/ml



#19 AR-1242-4

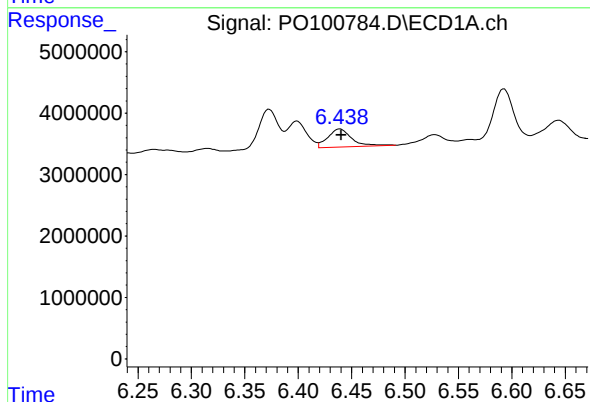
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 3844888
Conc: 76.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



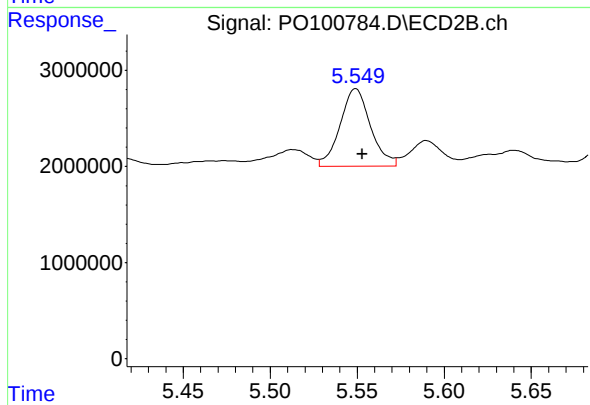
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.005 min
Response: 2979208
Conc: 71.48 ng/ml



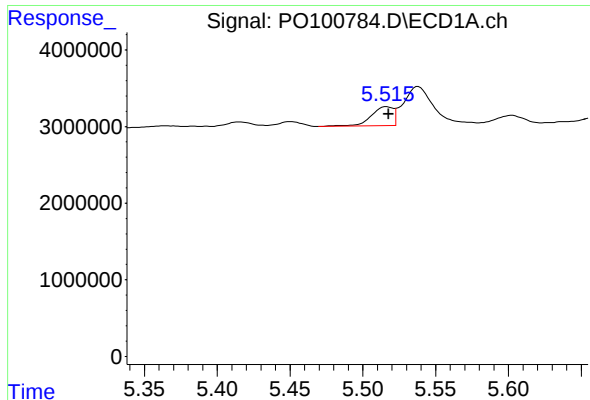
#20 AR-1242-5

R.T.: 6.439 min
Delta R.T.: -0.001 min
Response: 4632272
Conc: 89.50 ng/ml



#20 AR-1242-5

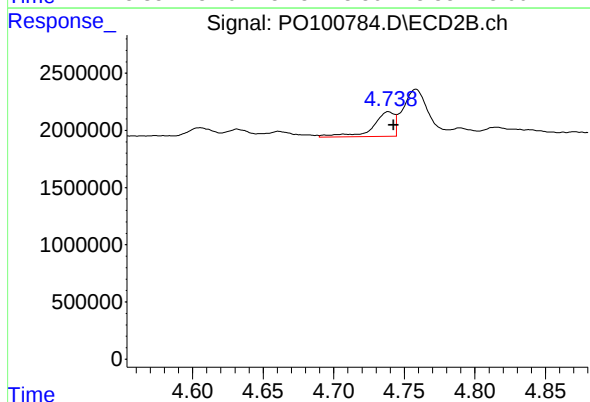
R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 9826198
Conc: 214.10 ng/ml



#21 AR-1248-1

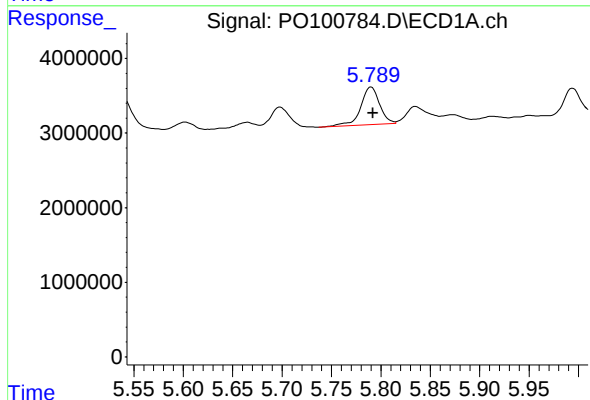
R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 2594245
Conc: 47.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



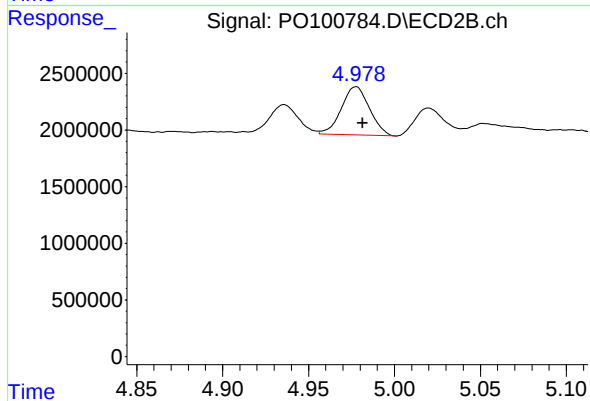
#21 AR-1248-1

R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 2304155
Conc: 57.62 ng/ml



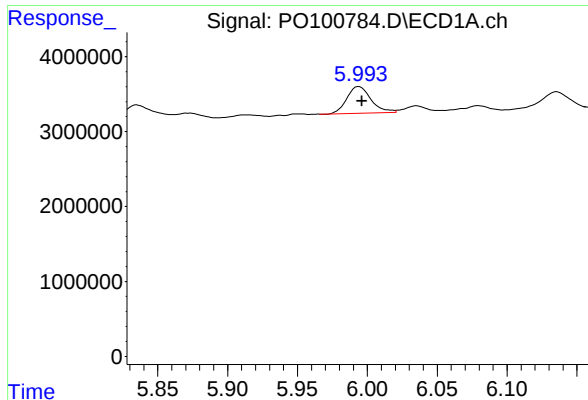
#22 AR-1248-2

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 6737730
Conc: 78.01 ng/ml



#22 AR-1248-2

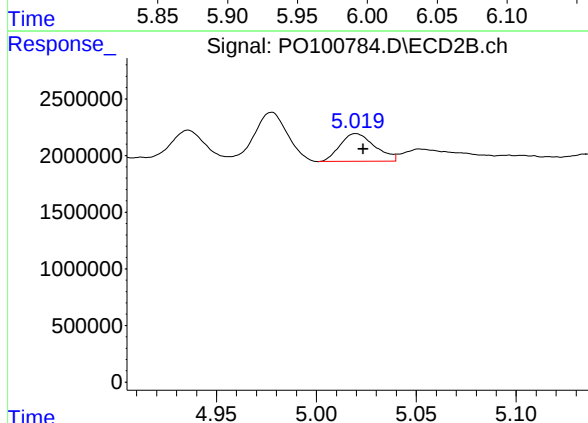
R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 4851415
Conc: 80.64 ng/ml



#23 AR-1248-3

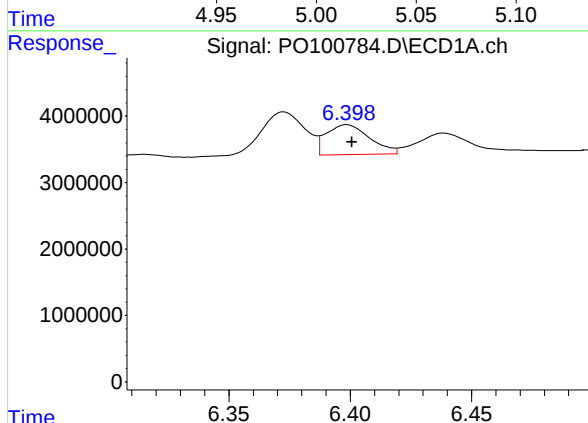
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 4273730
Conc: 48.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



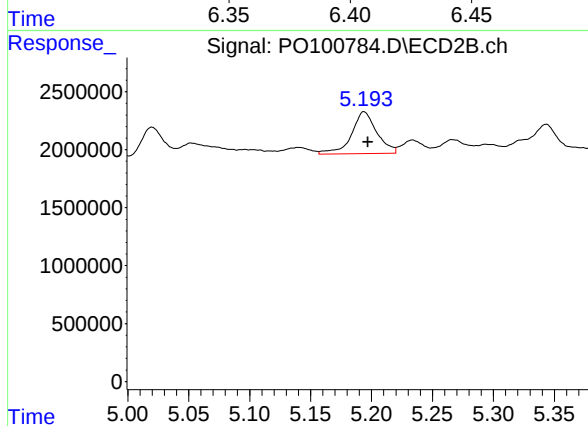
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 2979208
Conc: 47.66 ng/ml



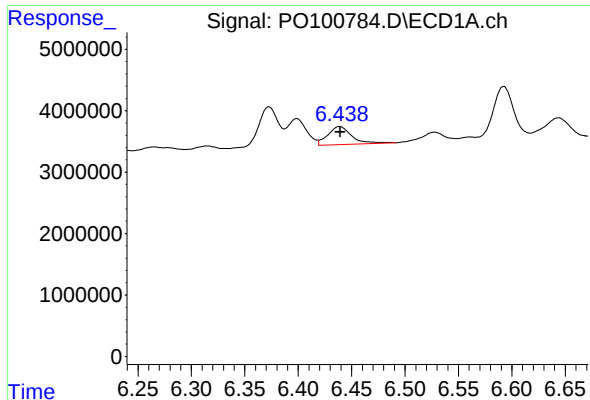
#24 AR-1248-4

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 5614040
Conc: 62.44 ng/ml



#24 AR-1248-4

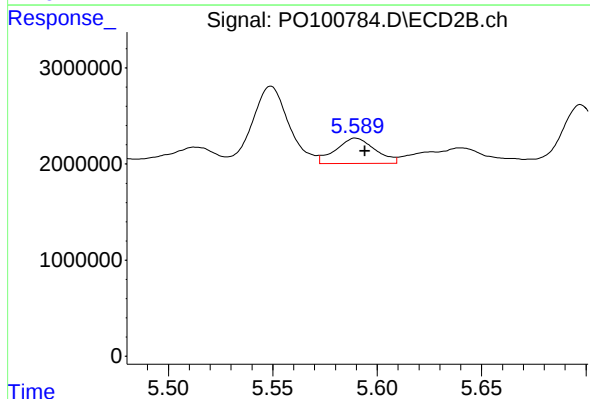
R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 5236103
Conc: 72.69 ng/ml



#25 AR-1248-5

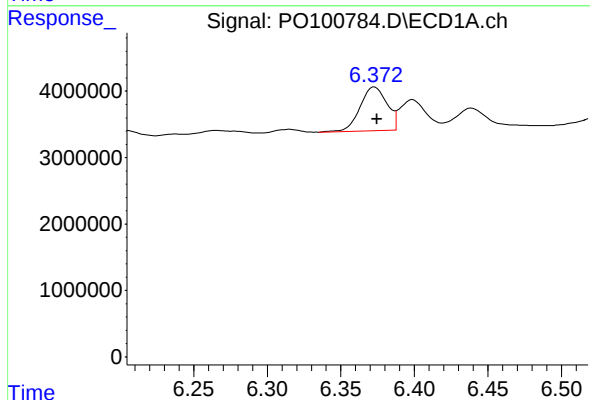
R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 4632272
Conc: 51.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



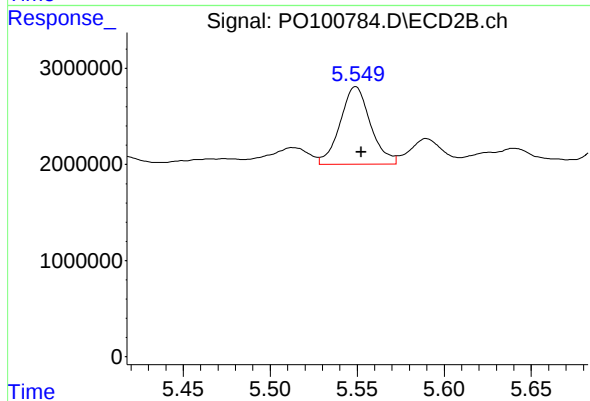
#25 AR-1248-5

R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 3444080
Conc: 55.83 ng/ml



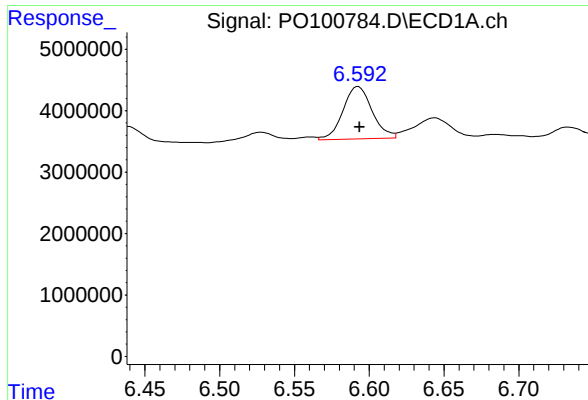
#26 AR-1254-1

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 8312982
Conc: 79.08 ng/ml



#26 AR-1254-1

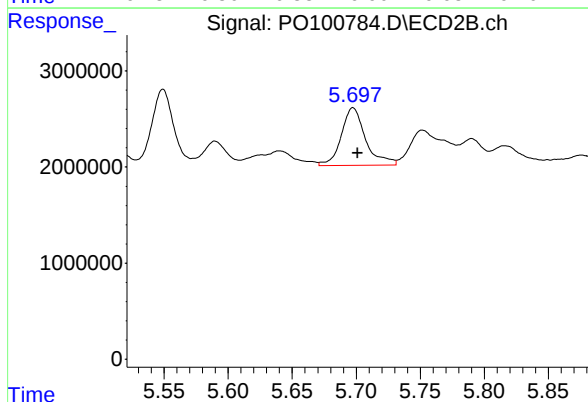
R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 9826198
Conc: 95.74 ng/ml



#27 AR-1254-2

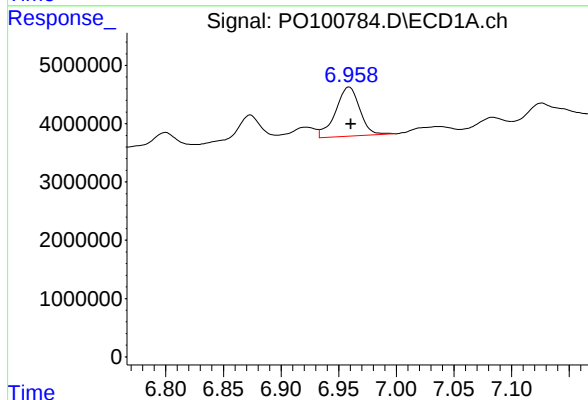
R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 11615325
Conc: 78.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



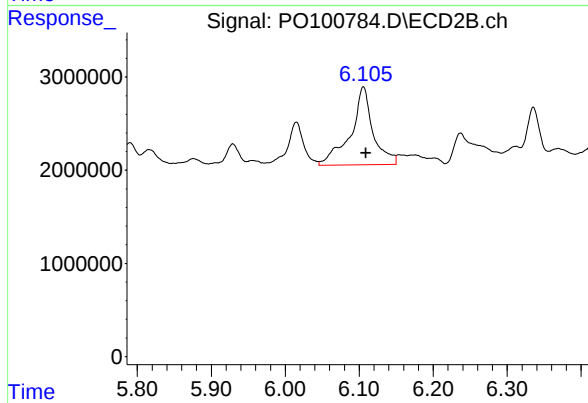
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 7929256
Conc: 86.31 ng/ml



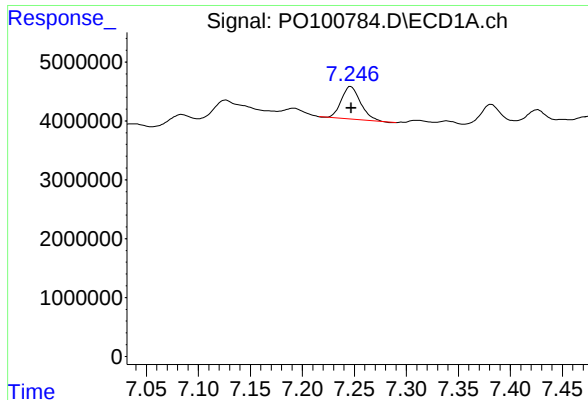
#28 AR-1254-3

R.T.: 6.959 min
Delta R.T.: -0.002 min
Response: 12311811
Conc: 87.92 ng/ml



#28 AR-1254-3

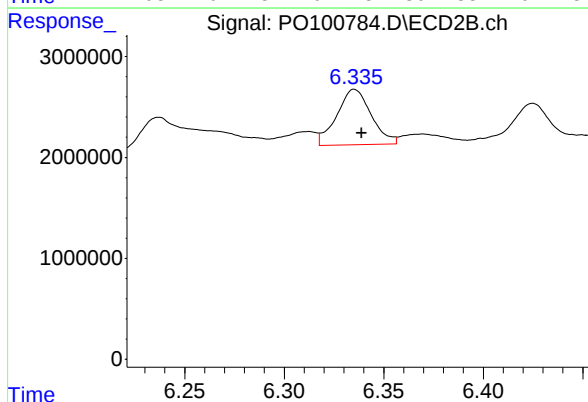
R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 17587065
Conc: 130.05 ng/ml



#29 AR-1254-4

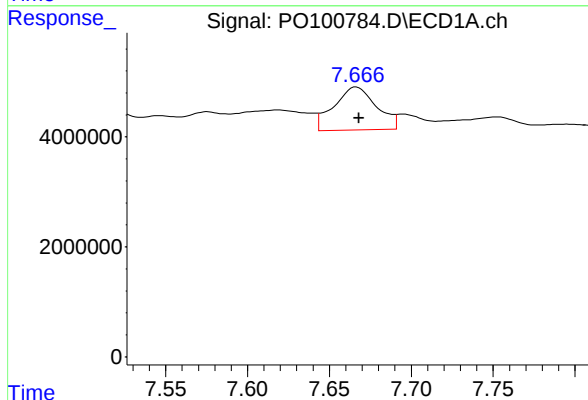
R.T.: 7.247 min
Delta R.T.: 0.000 min
Response: 7095605
Conc: 83.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



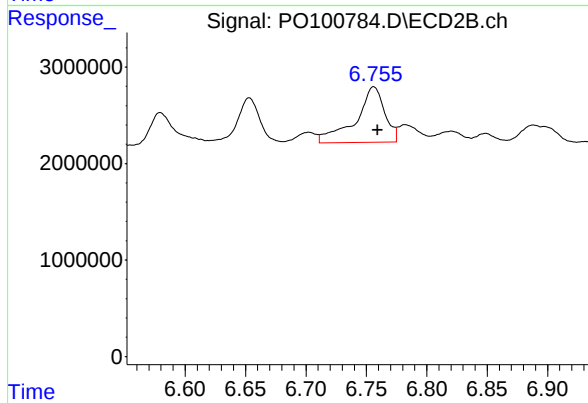
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 6636550
Conc: 92.01 ng/ml



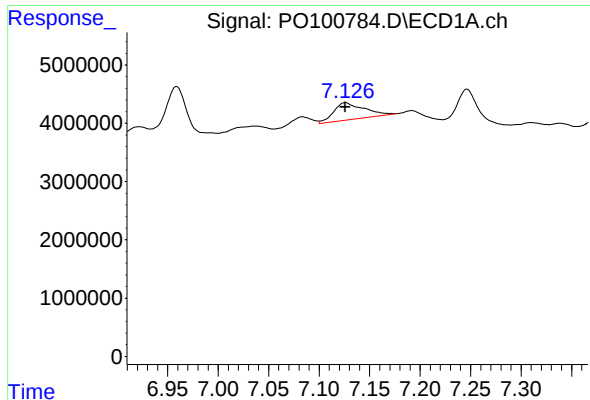
#30 AR-1254-5

R.T.: 7.666 min
Delta R.T.: -0.002 min
Response: 14201189
Conc: 120.02 ng/ml



#30 AR-1254-5

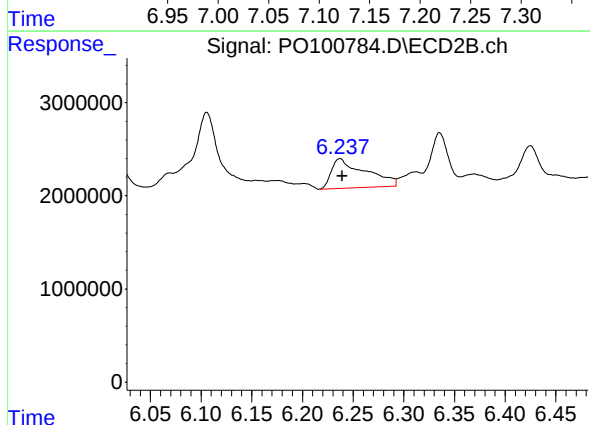
R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 9647120
Conc: 83.73 ng/ml



#31 AR-1260-1

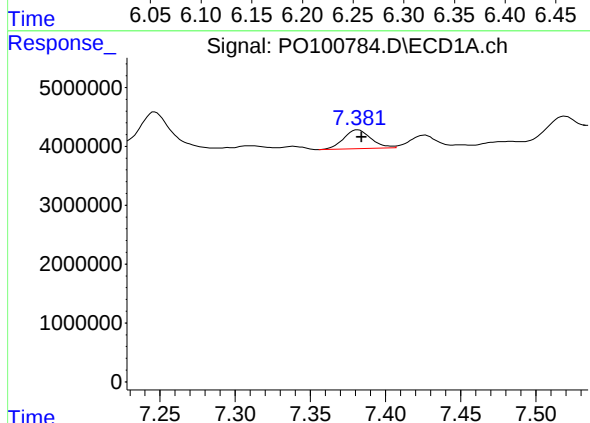
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 6159057
Conc: 44.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



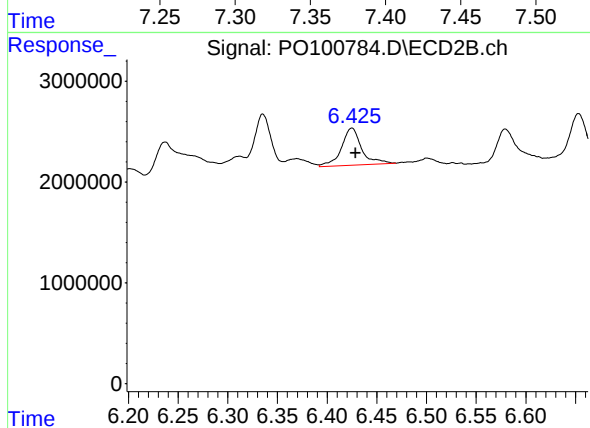
#31 AR-1260-1

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 7398116
Conc: 77.67 ng/ml



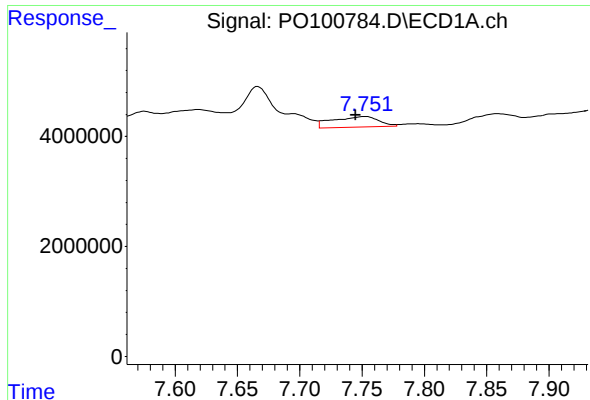
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: -0.003 min
Response: 4092261
Conc: 32.54 ng/ml



#32 AR-1260-2

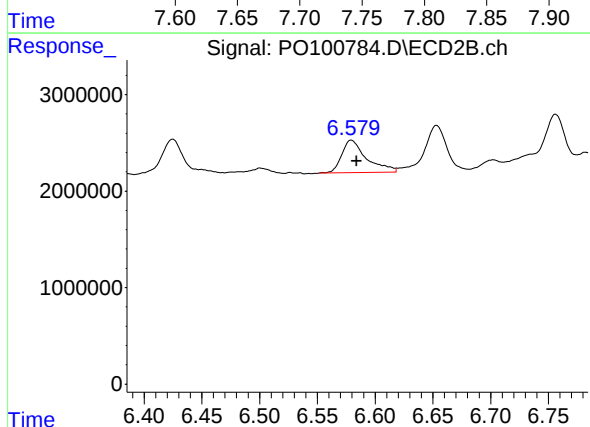
R.T.: 6.425 min
Delta R.T.: -0.004 min
Response: 5240713
Conc: 48.76 ng/ml



#33 AR-1260-3

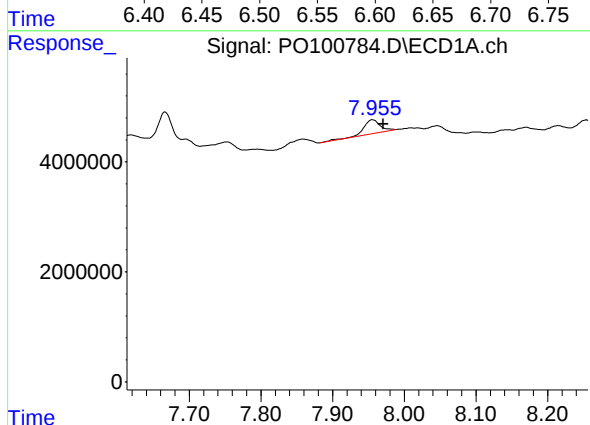
R.T.: 7.752 min
Delta R.T.: 0.008 min
Response: 4907317
Conc: 50.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



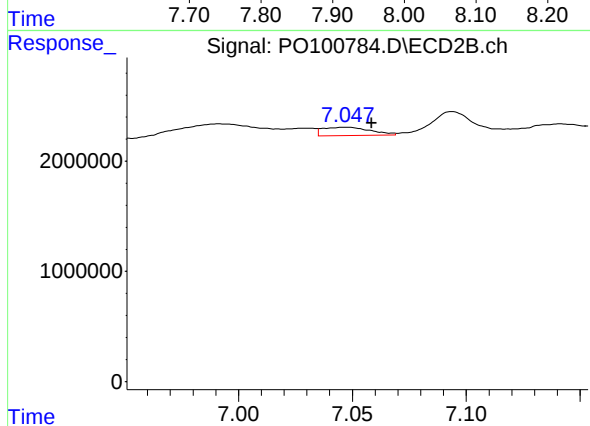
#33 AR-1260-3

R.T.: 6.579 min
Delta R.T.: -0.005 min
Response: 5060997
Conc: 49.38 ng/ml



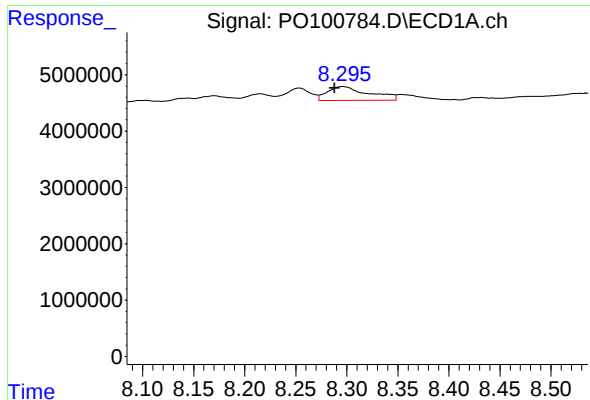
#34 AR-1260-4

R.T.: 7.956 min
Delta R.T.: -0.015 min
Response: 3920398
Conc: 37.15 ng/ml



#34 AR-1260-4

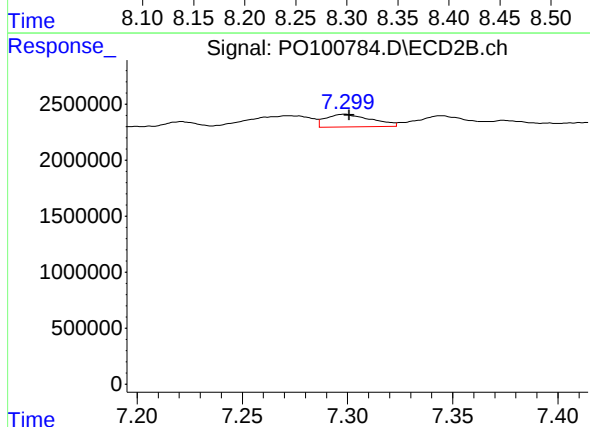
R.T.: 7.047 min
Delta R.T.: -0.011 min
Response: 1115529
Conc: 13.68 ng/ml



#35 AR-1260-5

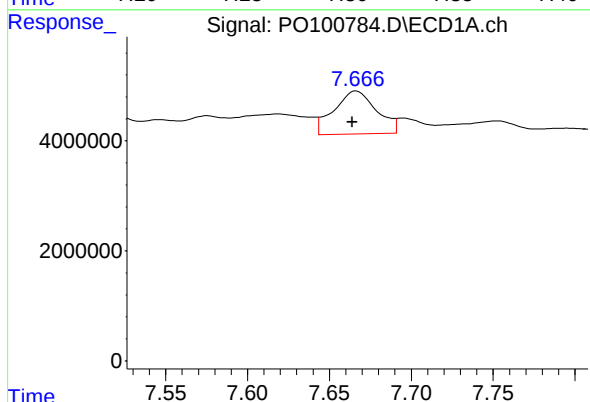
R.T.: 8.296 min
Delta R.T.: 0.008 min
Response: 6962673
Conc: 32.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



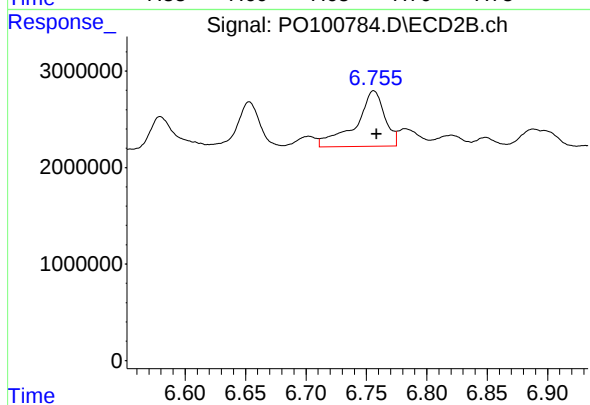
#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: -0.002 min
Response: 1720624
Conc: 9.53 ng/ml



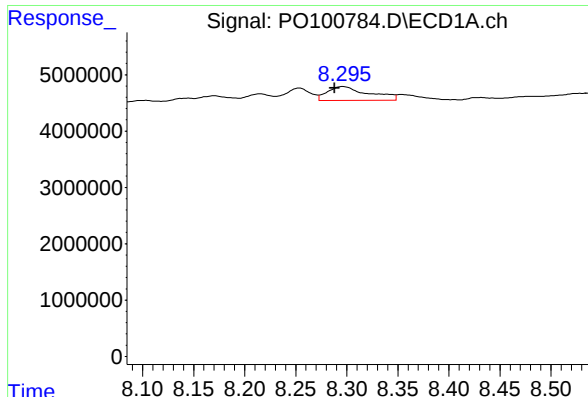
#36 AR-1262-1

R.T.: 7.666 min
Delta R.T.: 0.002 min
Response: 14201189
Conc: 142.15 ng/ml



#36 AR-1262-1

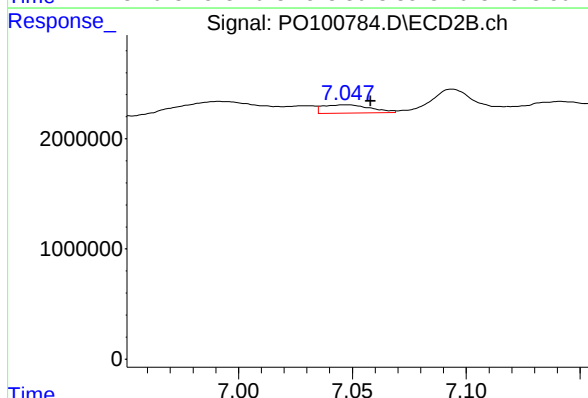
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 9647120
Conc: 154.65 ng/ml



#37 AR-1262-2

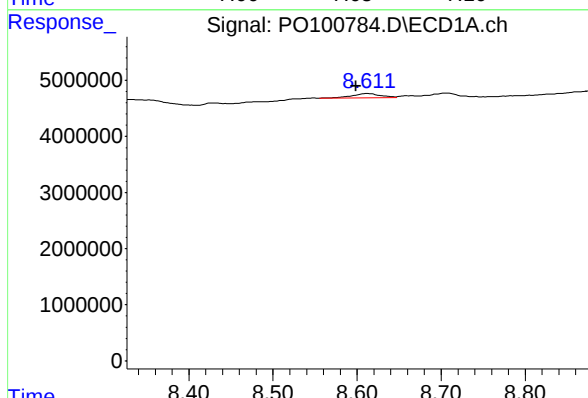
R.T.: 8.296 min
Delta R.T.: 0.008 min
Response: 6962673
Conc: 29.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



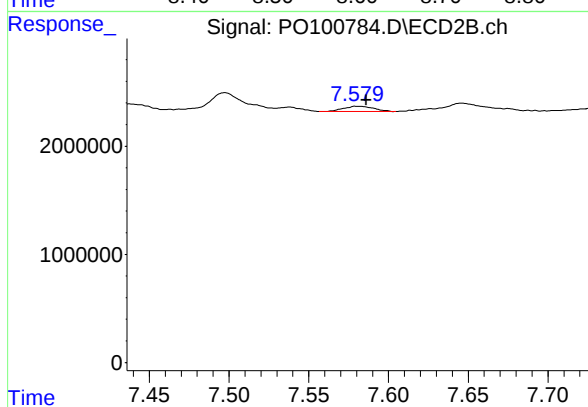
#37 AR-1262-2

R.T.: 7.047 min
Delta R.T.: -0.011 min
Response: 1115529
Conc: 9.87 ng/ml



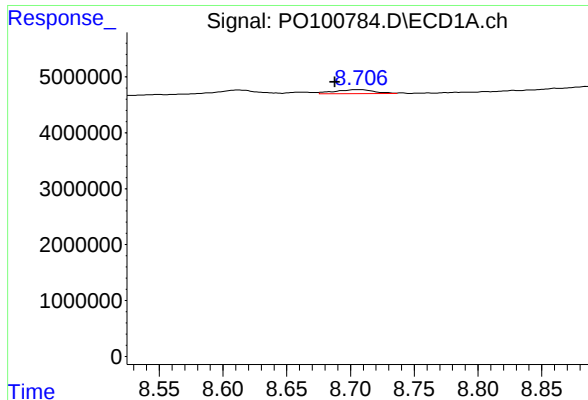
#38 AR-1262-3

R.T.: 8.612 min
Delta R.T.: 0.014 min
Response: 1845789
Conc: 11.37 ng/ml



#38 AR-1262-3

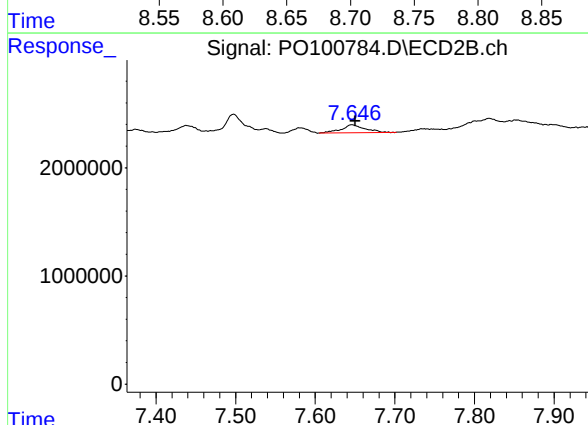
R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 642608
Conc: 8.34 ng/ml



#39 AR-1262-4

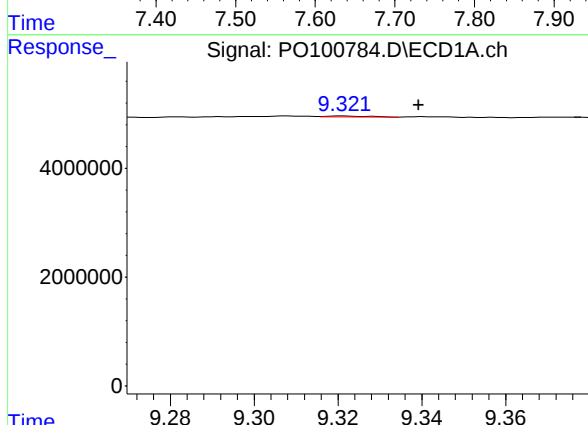
R.T.: 8.704 min
Delta R.T.: 0.017 min
Response: 1519137
Conc: 11.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



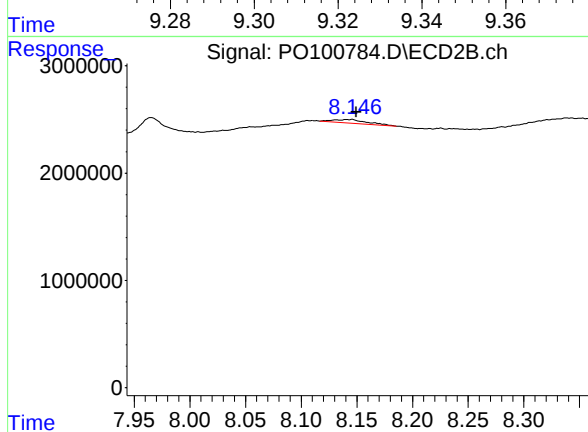
#39 AR-1262-4

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 1497244
Conc: 10.14 ng/ml



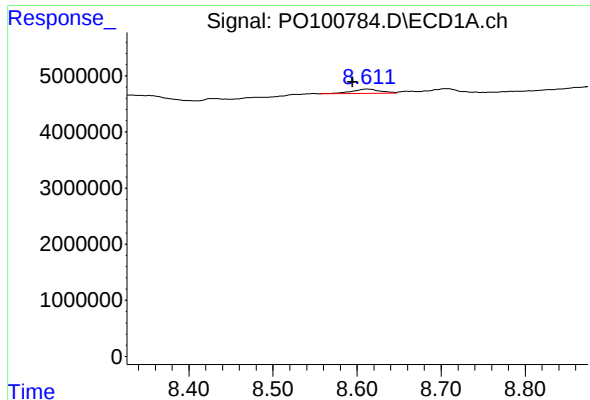
#40 AR-1262-5

R.T.: 9.322 min
Delta R.T.: -0.018 min
Response: 118432
Conc: 1.48 ng/ml



#40 AR-1262-5

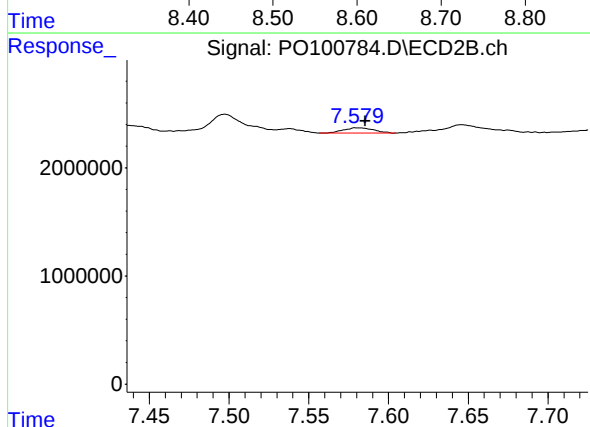
R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 686914
Conc: 10.74 ng/ml



#41 AR-1268-1

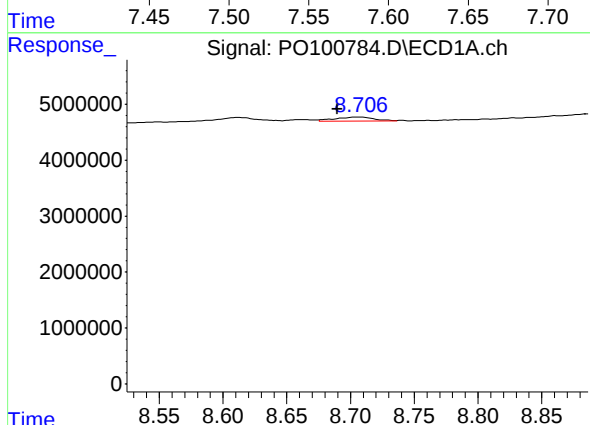
R.T.: 8.612 min
Delta R.T.: 0.017 min
Response: 1845789
Conc: 6.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



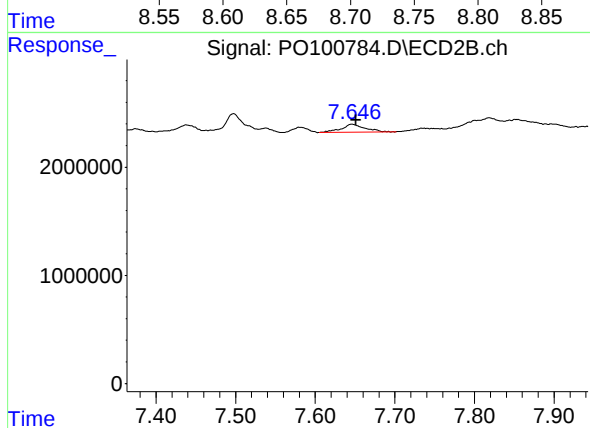
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 642608
Conc: 2.90 ng/ml



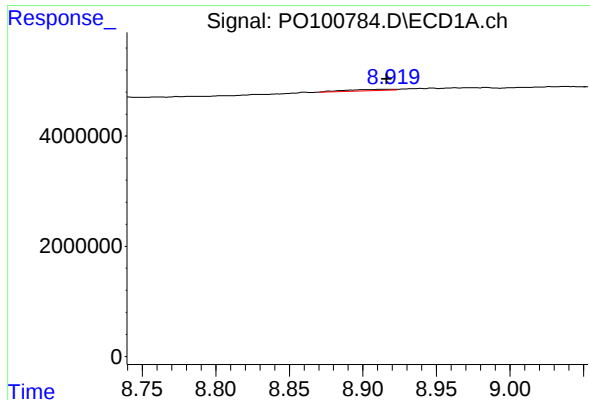
#42 AR-1268-2

R.T.: 8.704 min
Delta R.T.: 0.015 min
Response: 1519137
Conc: 6.01 ng/ml



#42 AR-1268-2

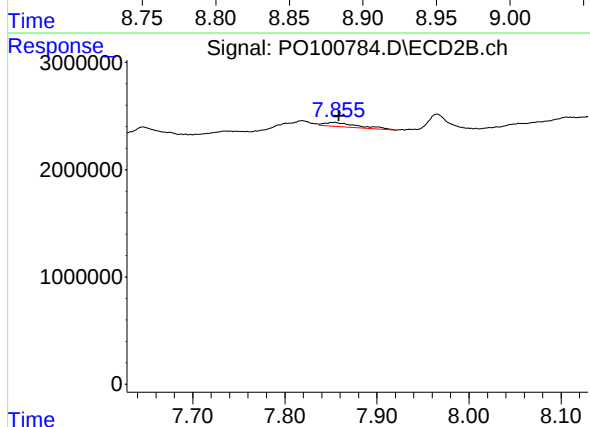
R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 1497244
Conc: 7.40 ng/ml



#43 AR-1268-3

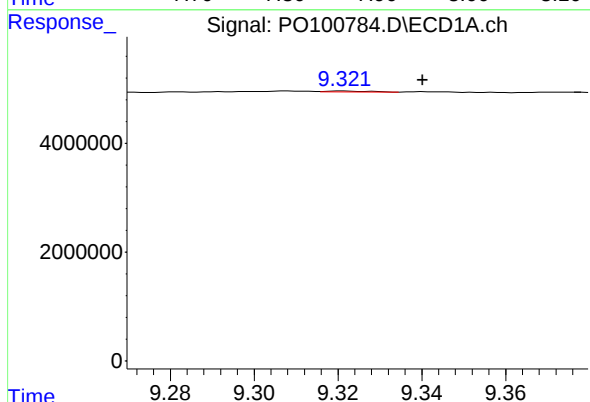
R.T.: 8.919 min
Delta R.T.: 0.003 min
Response: 481452
Conc: 2.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



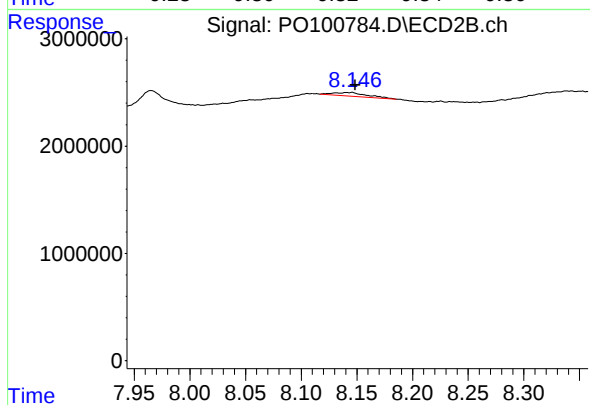
#43 AR-1268-3

R.T.: 7.854 min
Delta R.T.: -0.005 min
Response: 955319
Conc: 5.06 ng/ml



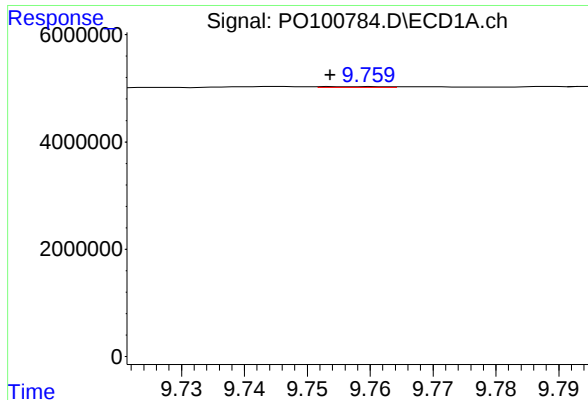
#44 AR-1268-4

R.T.: 9.322 min
Delta R.T.: -0.019 min
Response: 118432
Conc: 1.51 ng/ml



#44 AR-1268-4

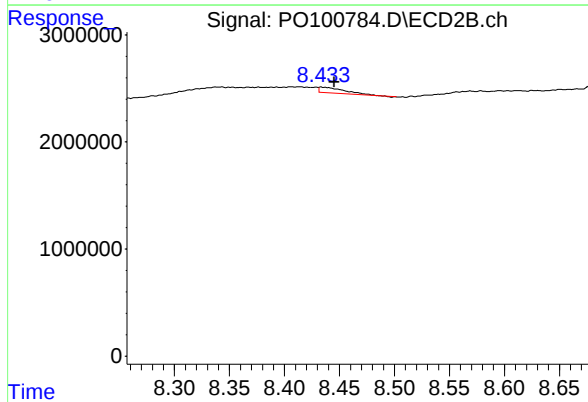
R.T.: 8.146 min
Delta R.T.: -0.003 min
Response: 686914
Conc: 10.23 ng/ml



#45 AR-1268-5

R.T.: 9.759 min
Delta R.T.: 0.006 min
Response: 99703
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.433 min
Delta R.T.: -0.012 min
Response: 769742
Conc: 1.48 ng/ml