

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081523\
 Data File : P0097124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 03:31
 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 16 05:47:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.409	3.615	169.0E6	67723267	51.043	51.159
2) SA Decachlor...	10.348	8.630	117.5E6	57061411	53.682	49.321
Target Compounds						
3) L1 AR-1016-1	5.594	4.717	1437144	525085	15.259	11.843
4) L1 AR-1016-2	5.619	4.717	1841445	525085	13.765	8.584 #
5) L1 AR-1016-3	5.682	4.894	865965	343757	9.951	10.523
6) L1 AR-1016-4	5.780	4.936	813226	14359821	12.107	502.331 #
7) L1 AR-1016-5	6.082	5.149	19742749	12664716	282.779	329.412
8) L2 AR-1221-1	4.606	3.780f	256419	341912	6.292	19.699 #
9) L2 AR-1221-2	4.719	3.914	2574015	986883	84.728	76.380
10) L2 AR-1221-3	4.784	3.988	688619	255317	7.867	6.432
11) L3 AR-1232-1	4.784	3.988	688619	255317	9.442	7.893
12) L3 AR-1232-2	5.322	4.717	960120	525085	24.217	18.199
13) L3 AR-1232-3	5.619	4.894	1841445	343757	30.102	22.672
14) L3 AR-1232-4	5.780	4.977	813226	4800056	26.651	321.189 #
15) L3 AR-1232-5	5.874	5.149	33780448	12664716	1207.170	774.753 #
16) L4 AR-1242-1	5.594	4.717	1437144	525085	17.146	13.319
17) L4 AR-1242-2	5.619	4.717	1841445	525085	15.637	9.636 #
18) L4 AR-1242-3	5.682	4.894	865965	343757	11.722	11.626
19) L4 AR-1242-4	5.780	4.977	813226	4800056	13.661	152.316 #
20) L4 AR-1242-5	6.538	5.502	17008752	38298472	309.139	1051.111 #
21) L5 AR-1248-1	5.594	4.717	1437144	525085	24.527	18.711
22) L5 AR-1248-2	5.874	4.936	33780448	14359821	359.299	338.827
23) L5 AR-1248-3	6.082	4.977	19742749	4800056	201.850	109.428 #
24) L5 AR-1248-4	6.495	5.149	25372506	12664716	279.299	248.085
25) L5 AR-1248-5	6.538	5.543	17008752	5932864	193.093	126.901 #
26) L6 AR-1254-1	6.469	5.502	52269356	38298472	478.260	518.976
27) L6 AR-1254-2	6.693	5.650	79912521	34143288	495.651	518.262
28) L6 AR-1254-3	7.070	6.055	80064062	50752042	510.949	502.185
29) L6 AR-1254-4	7.363	6.285	54729460	30523513	542.853	527.406
30) L6 AR-1254-5	7.794	6.703	58771449	43437933	523.743	494.090
31) L7 AR-1260-1	7.239	6.185	33628335	25900452	267.554	368.071 #
32) L7 AR-1260-2	7.502	6.374	35271057	21089953	261.781	252.686
33) L7 AR-1260-3	7.856	6.527	8789033	19470683	84.694	252.147 #
34) L7 AR-1260-4	8.090	7.000	23600504	2106068	211.089	32.865 #
35) L7 AR-1260-5	8.438	7.244	8322656	5070617	39.636	36.576
36) L8 AR-1262-1	7.856	6.792	8789033	1162653	59.175	29.532 #
37) L8 AR-1262-2	8.438	7.000	8322656	2106068	35.956	25.967 #
38) L8 AR-1262-3	8.781	7.529	7083790	192450	42.469	2.999 #
39) L8 AR-1262-4	8.857	7.590	429864	4930600	5.896	43.403 #
40) L8 AR-1262-5	9.546	8.090	327853	229466	3.937	4.369
41) L9 AR-1268-1	8.781	7.529	7083790	192450	23.044	1.039 #

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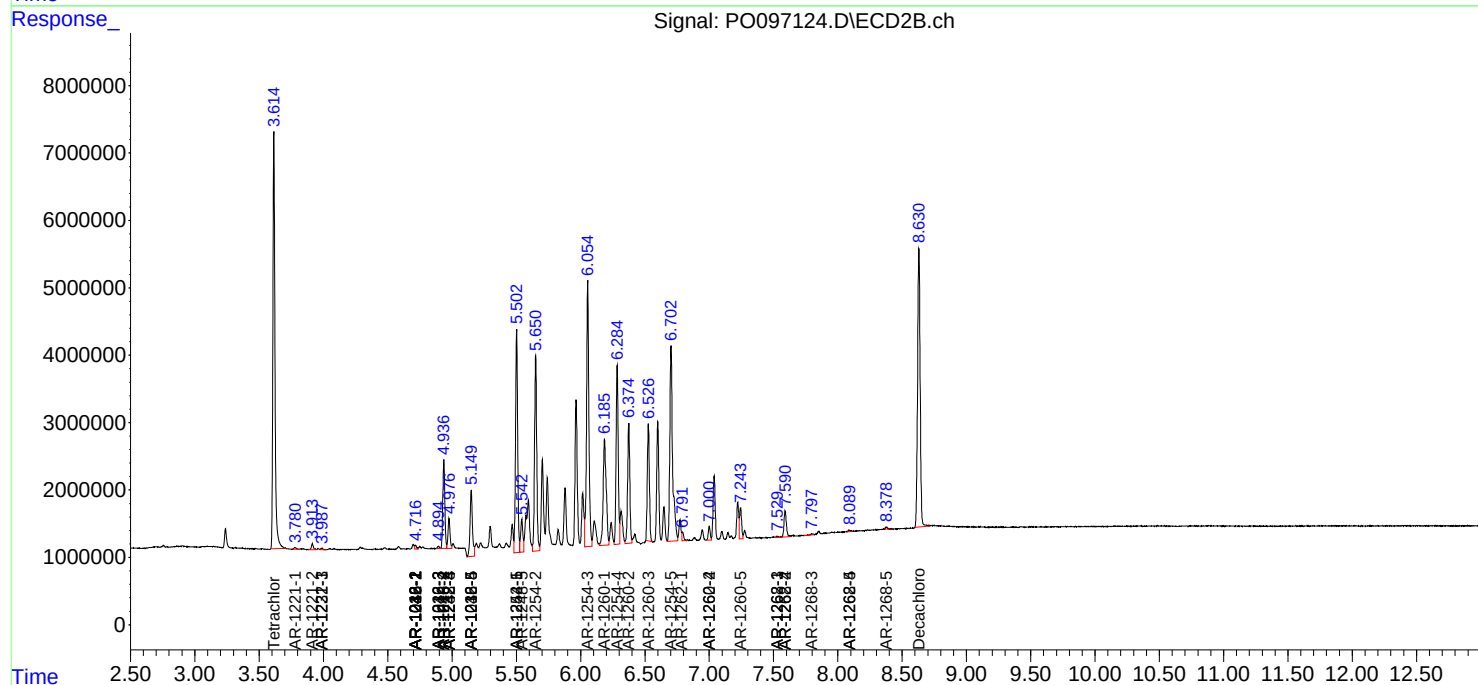
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

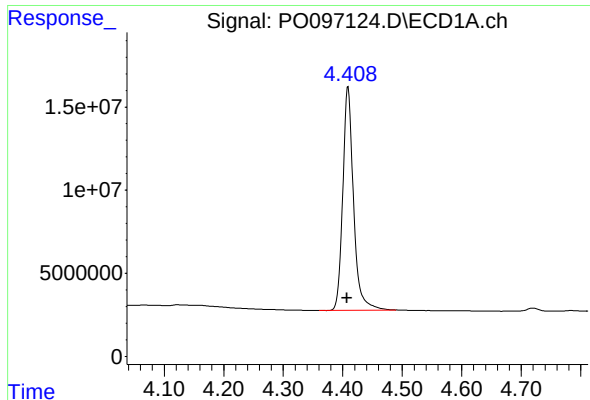
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.857	7.590	429864	4930600	1.568	29.403 #
43) L9	AR-1268-3	9.098	7.798	493936	222997	1.934	1.543
44) L9	AR-1268-4	9.546	8.090	327853	229466	3.536	3.852
45) L9	AR-1268-5	9.987	8.378	621352	343018	0.769	0.825

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_O
ClientSampleId :

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

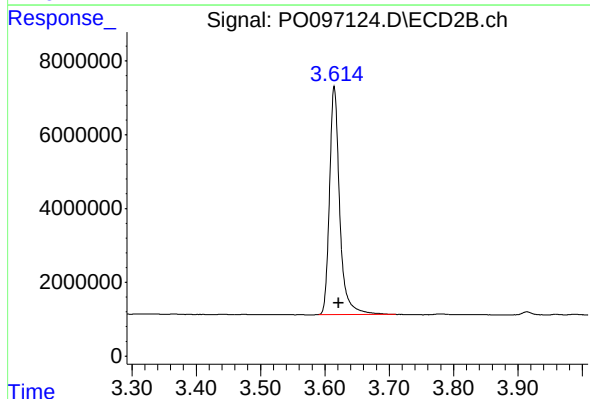




#1 Tetrachloro-m-xylene

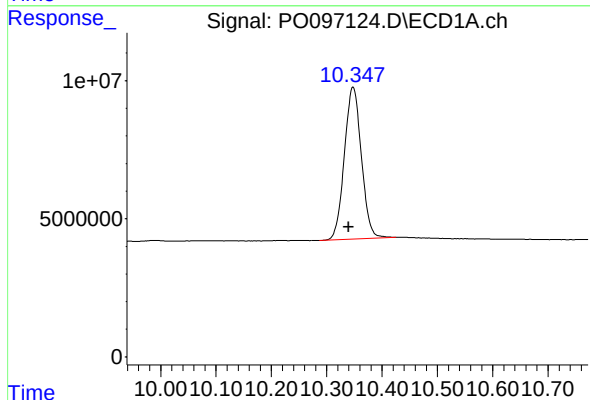
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 168960227
Conc: 51.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



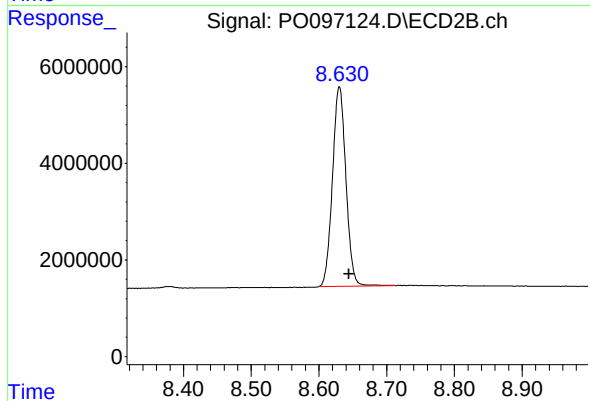
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 67723267
Conc: 51.16 ng/ml



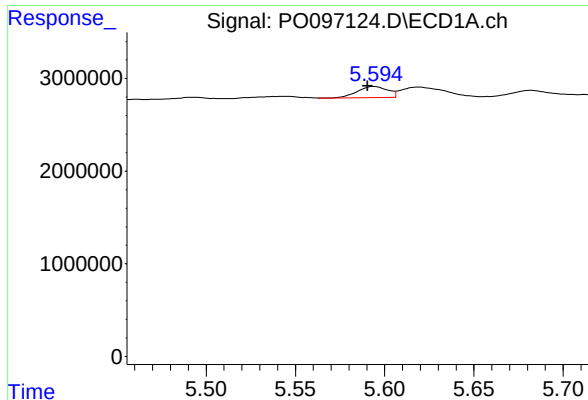
#2 Decachlorobiphenyl

R.T.: 10.348 min
Delta R.T.: 0.008 min
Response: 117466542
Conc: 53.68 ng/ml



#2 Decachlorobiphenyl

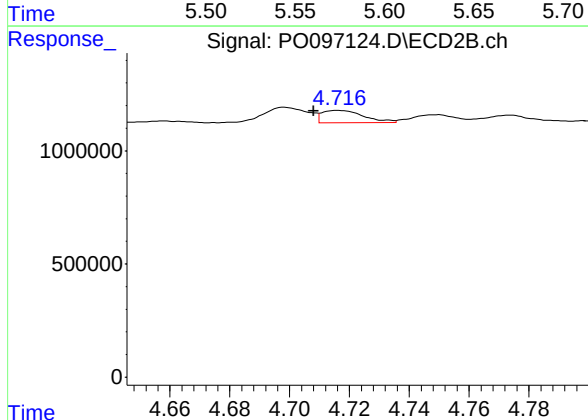
R.T.: 8.630 min
Delta R.T.: -0.014 min
Response: 57061411
Conc: 49.32 ng/ml



#3 AR-1016-1

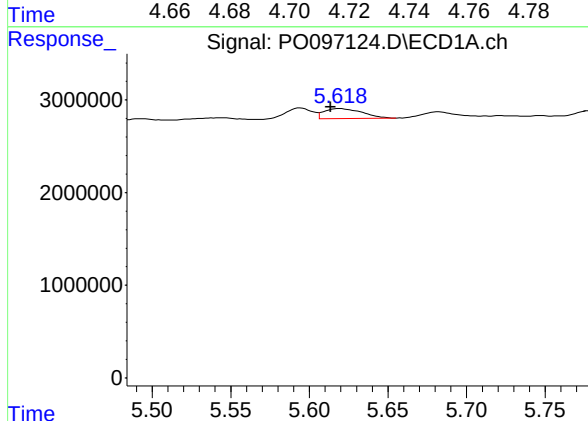
R.T.: 5.594 min
Delta R.T.: 0.004 min
Response: 1437144
Conc: 15.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



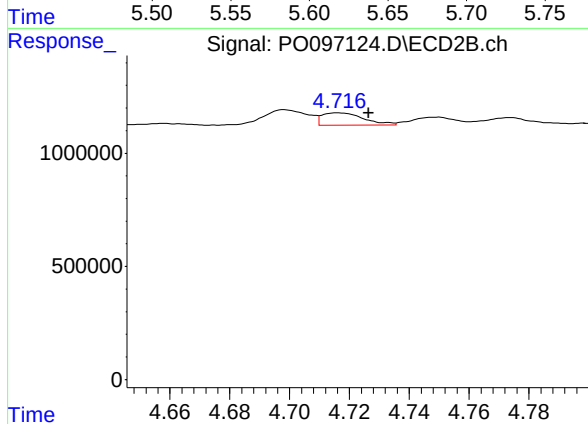
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 525085
Conc: 11.84 ng/ml



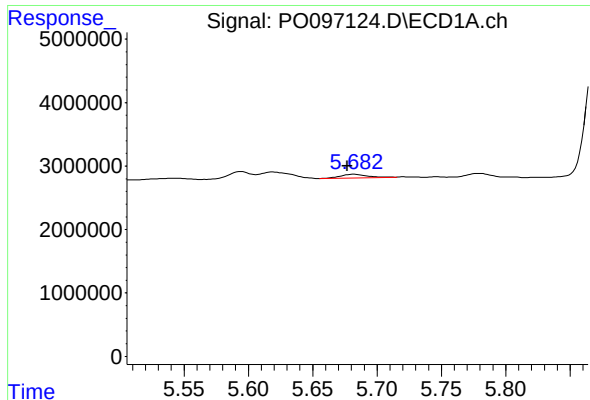
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 1841445
Conc: 13.77 ng/ml



#4 AR-1016-2

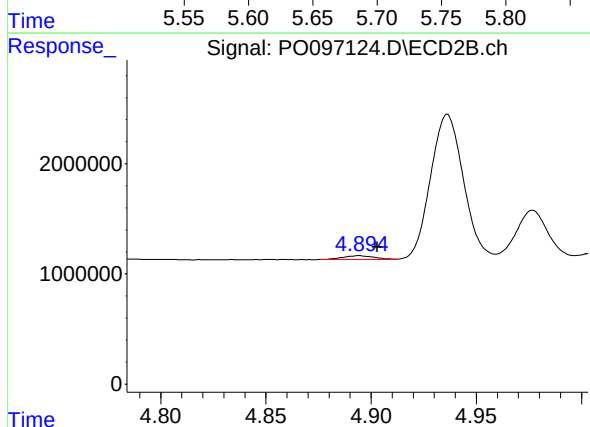
R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 525085
Conc: 8.58 ng/ml



#5 AR-1016-3

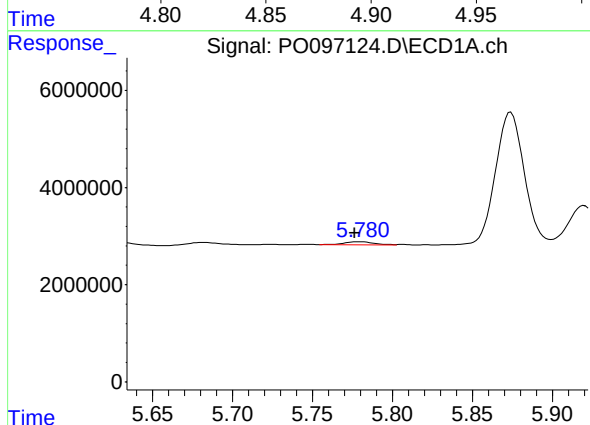
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 865965
Conc: 9.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



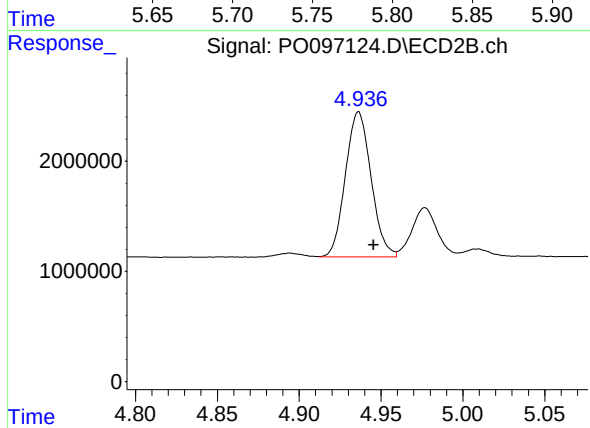
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.008 min
Response: 343757
Conc: 10.52 ng/ml



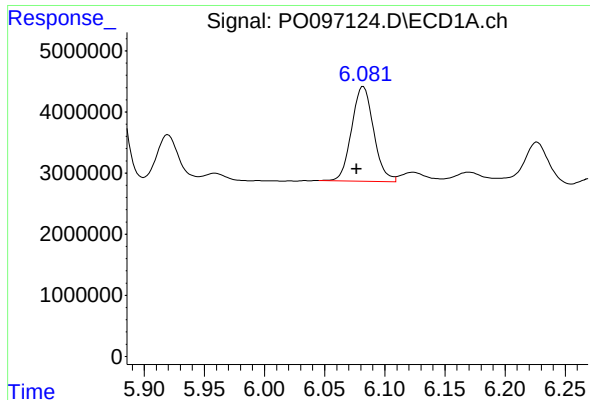
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 813226
Conc: 12.11 ng/ml



#6 AR-1016-4

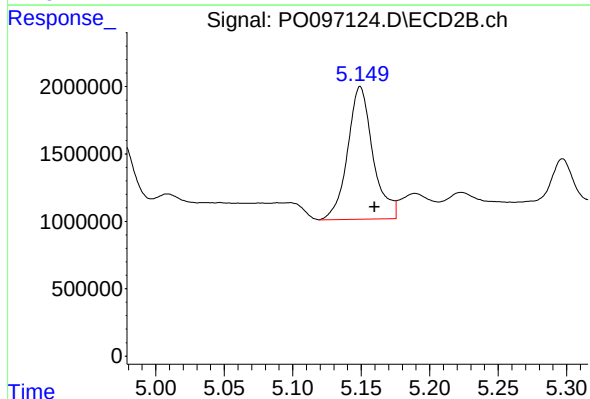
R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 14359821
Conc: 502.33 ng/ml



#7 AR-1016-5

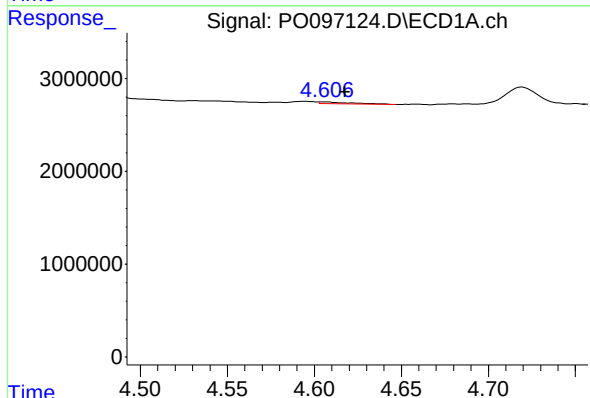
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 19742749
Conc: 282.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



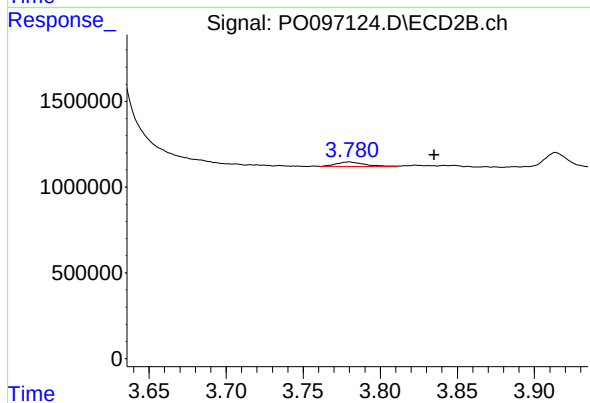
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 12664716
Conc: 329.41 ng/ml



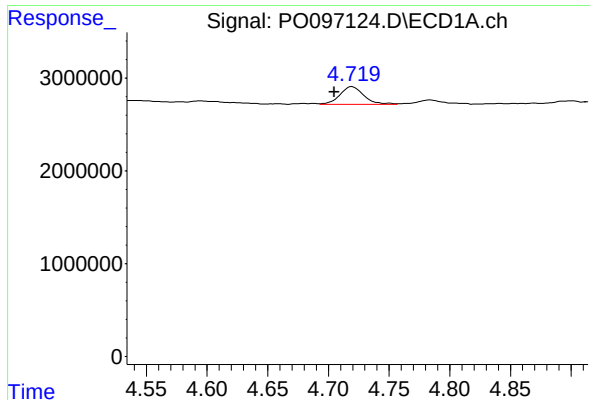
#8 AR-1221-1

R.T.: 4.606 min
Delta R.T.: -0.011 min
Response: 256419
Conc: 6.29 ng/ml



#8 AR-1221-1

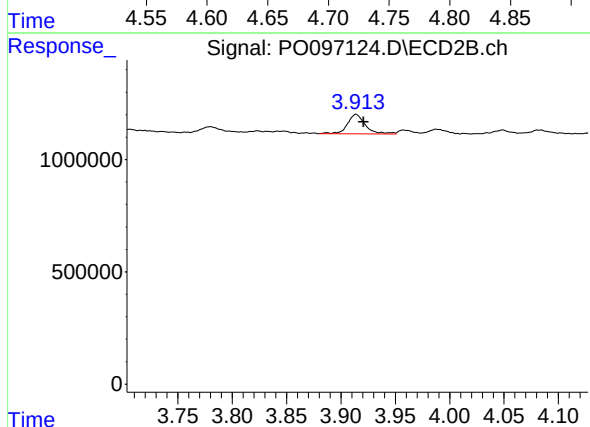
R.T.: 3.780 min
Delta R.T.: -0.055 min
Response: 341912
Conc: 19.70 ng/ml



#9 AR-1221-2

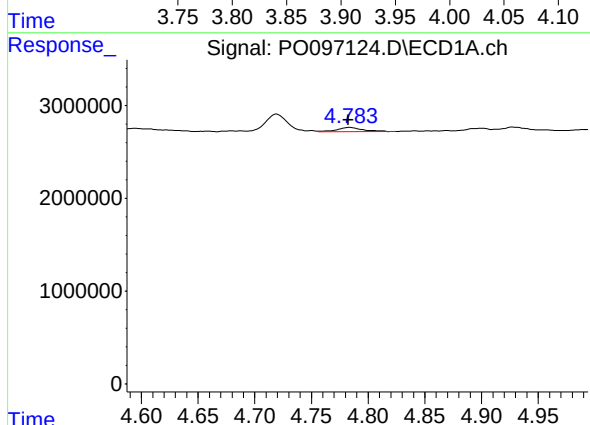
R.T.: 4.719 min
Delta R.T.: 0.015 min
Response: 2574015
Conc: 84.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



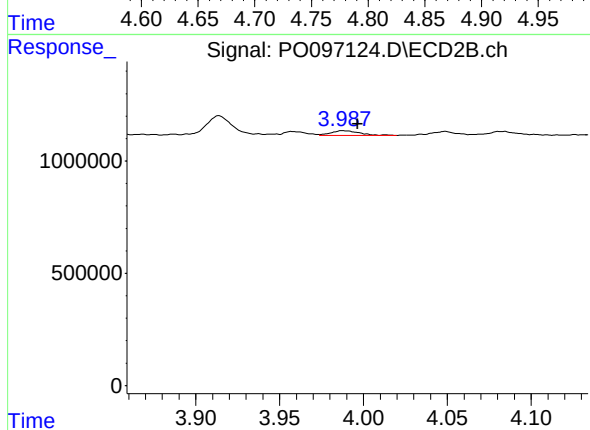
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.007 min
Response: 986883
Conc: 76.38 ng/ml



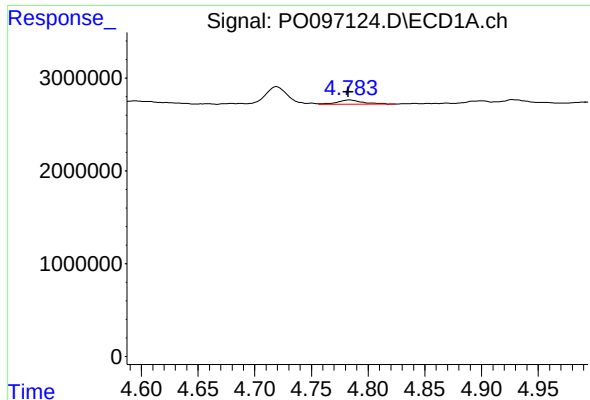
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.001 min
Response: 688619
Conc: 7.87 ng/ml



#10 AR-1221-3

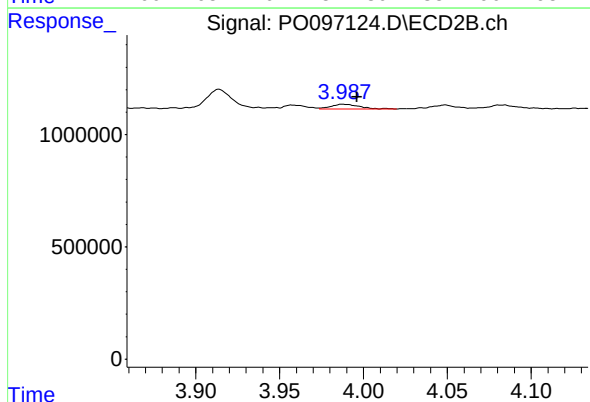
R.T.: 3.988 min
Delta R.T.: -0.009 min
Response: 255317
Conc: 6.43 ng/ml



#11 AR-1232-1

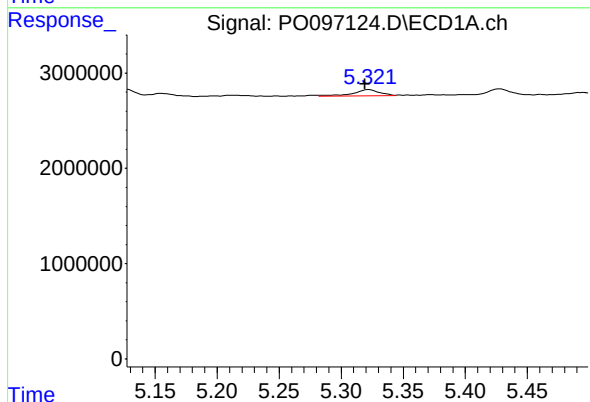
R.T.: 4.784 min
Delta R.T.: 0.001 min
Response: 688619
Conc: 9.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



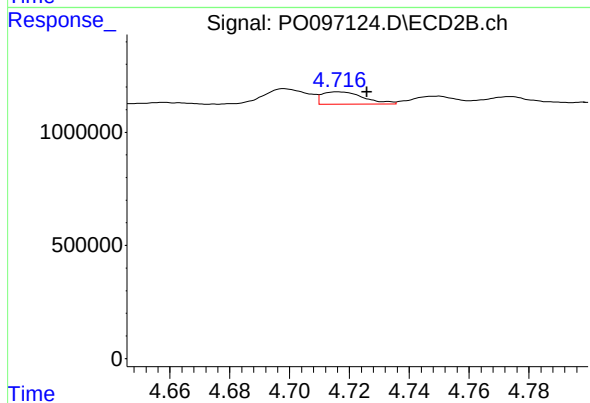
#11 AR-1232-1

R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 255317
Conc: 7.89 ng/ml



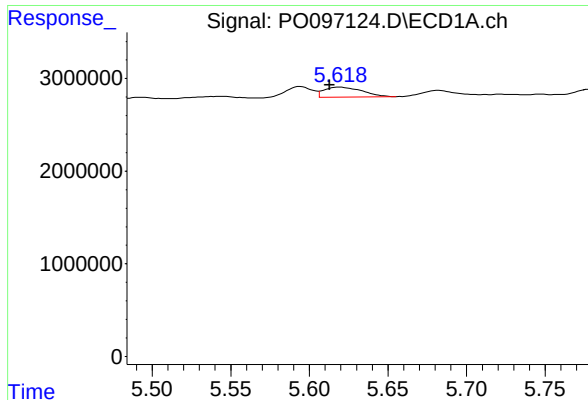
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.003 min
Response: 960120
Conc: 24.22 ng/ml



#12 AR-1232-2

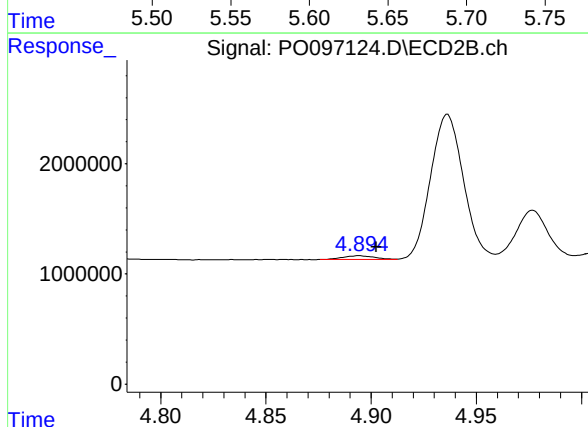
R.T.: 4.717 min
Delta R.T.: -0.009 min
Response: 525085
Conc: 18.20 ng/ml



#13 AR-1232-3

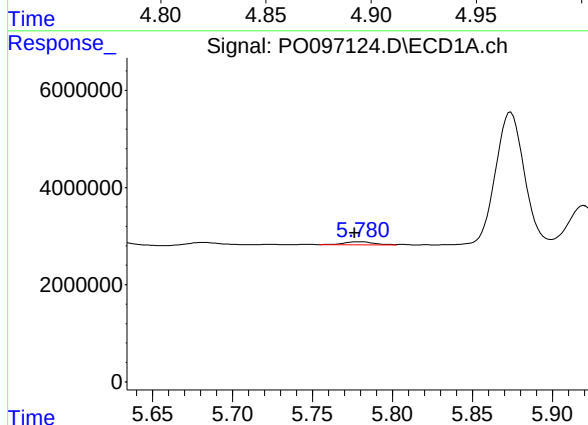
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 1841445
Conc: 30.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



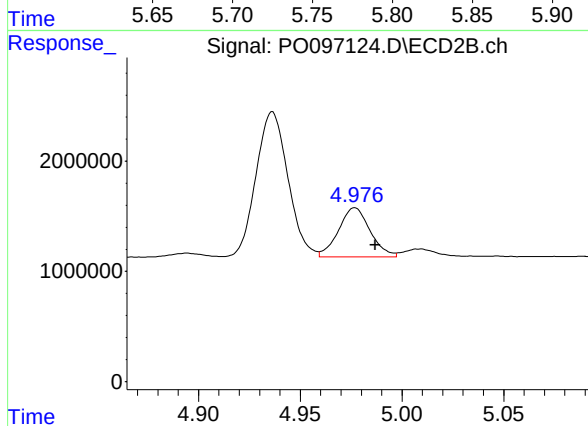
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.008 min
Response: 343757
Conc: 22.67 ng/ml



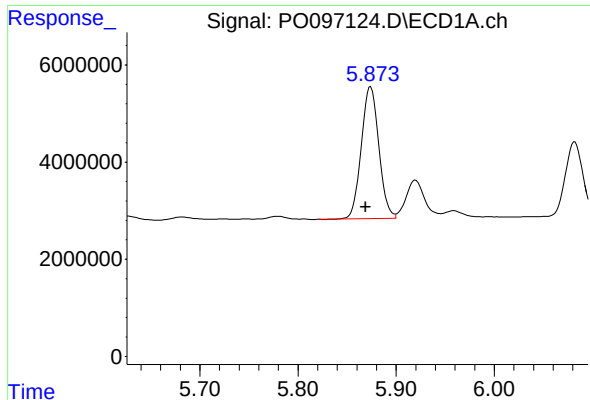
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 813226
Conc: 26.65 ng/ml



#14 AR-1232-4

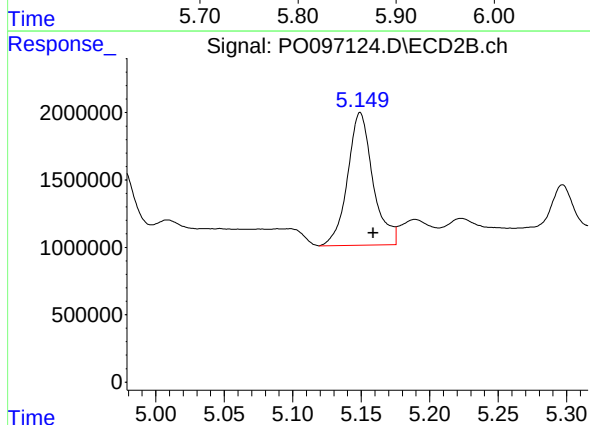
R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 4800056
Conc: 321.19 ng/ml



#15 AR-1232-5

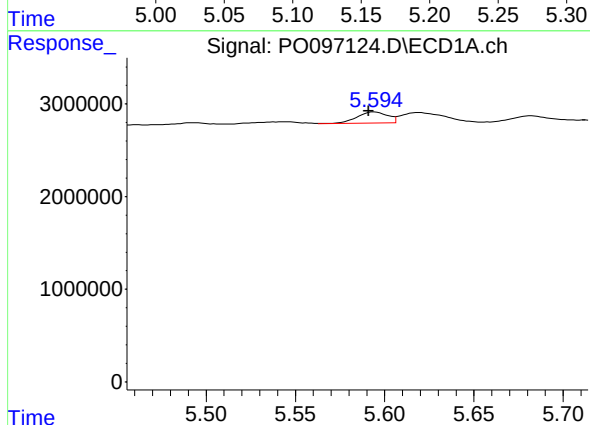
R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 33780448
Conc: 1207.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



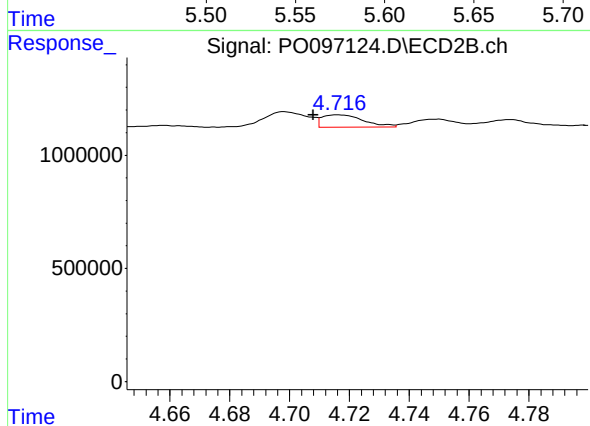
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 12664716
Conc: 774.75 ng/ml



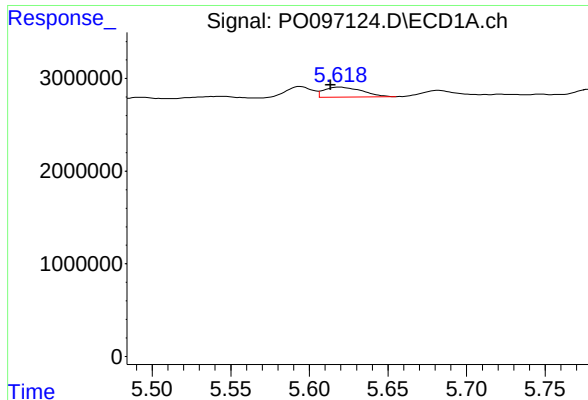
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 1437144
Conc: 17.15 ng/ml



#16 AR-1242-1

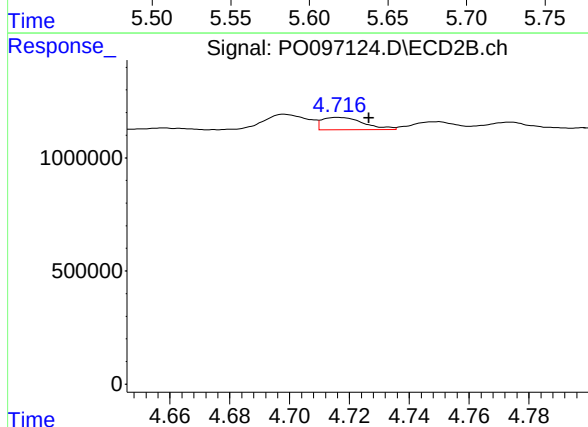
R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 525085
Conc: 13.32 ng/ml



#17 AR-1242-2

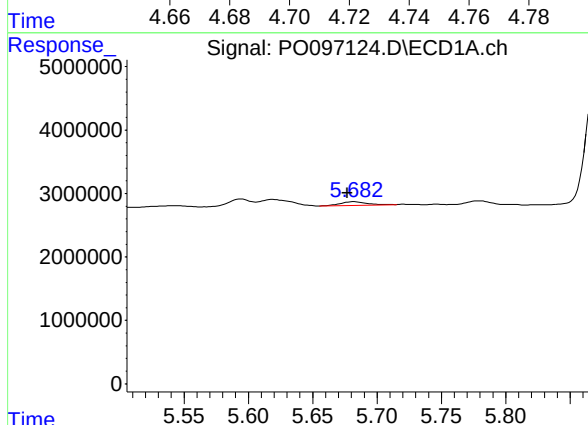
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 1841445
Conc: 15.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



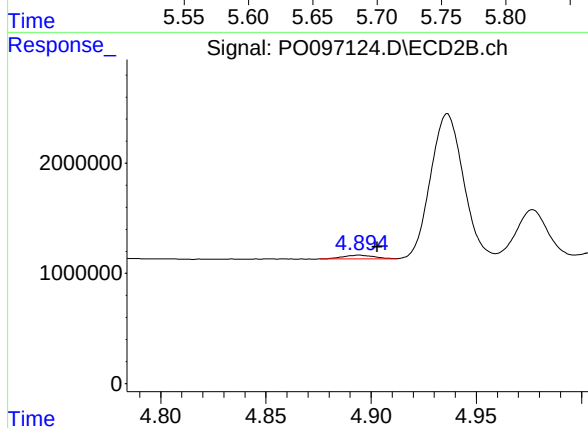
#17 AR-1242-2

R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 525085
Conc: 9.64 ng/ml



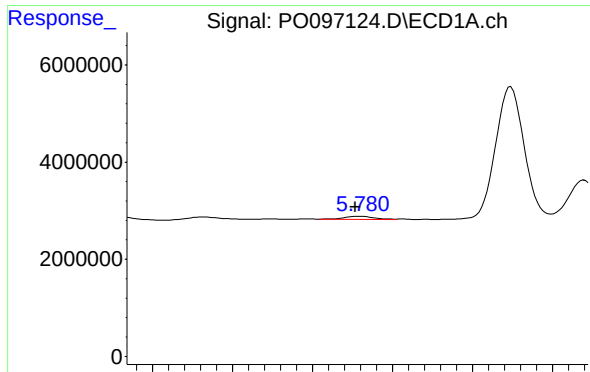
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 865965
Conc: 11.72 ng/ml



#18 AR-1242-3

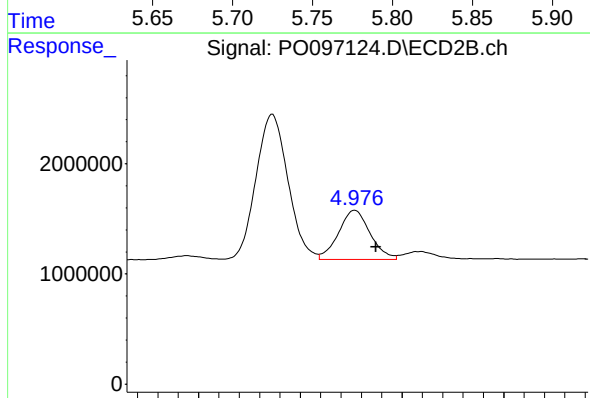
R.T.: 4.894 min
Delta R.T.: -0.008 min
Response: 343757
Conc: 11.63 ng/ml



#19 AR-1242-4

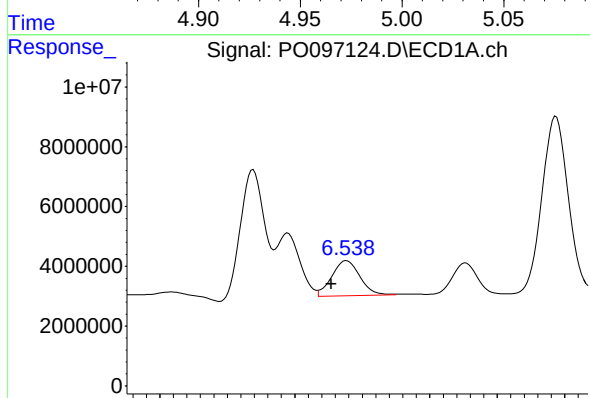
R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 813226
Conc: 13.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



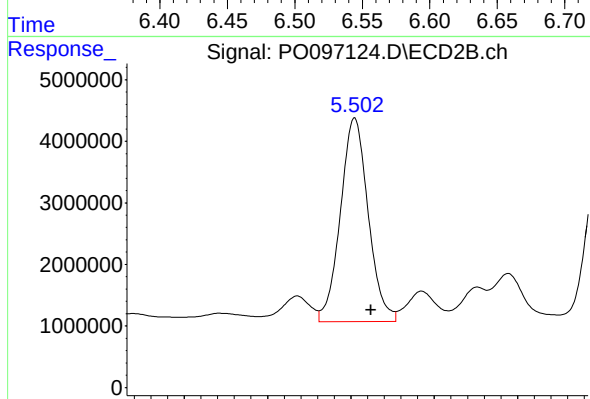
#19 AR-1242-4

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 4800056
Conc: 152.32 ng/ml



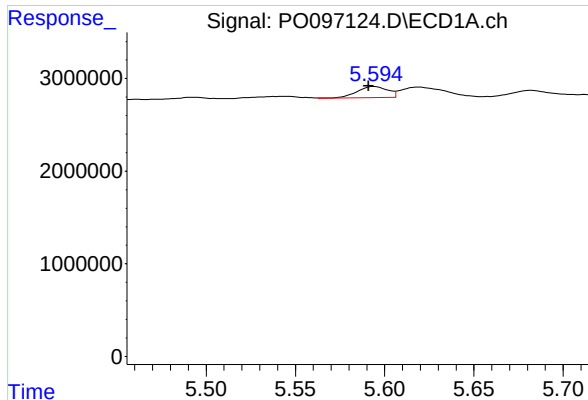
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: 0.011 min
Response: 17008752
Conc: 309.14 ng/ml



#20 AR-1242-5

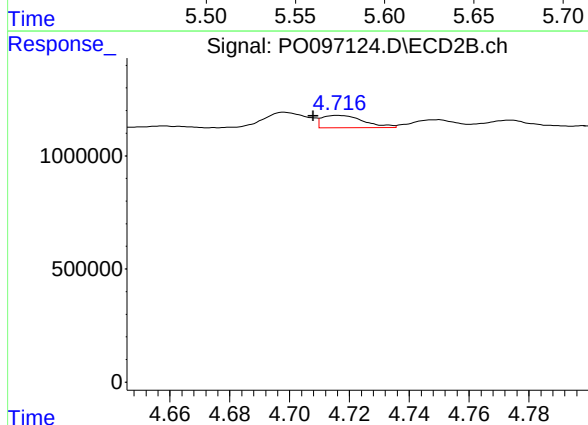
R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 38298472
Conc: 1051.11 ng/ml



#21 AR-1248-1

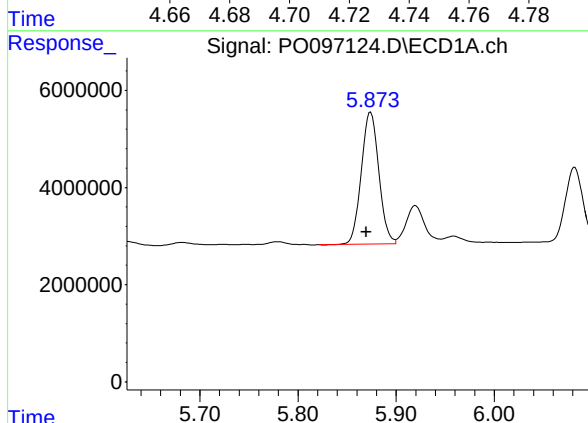
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 1437144
Conc: 24.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



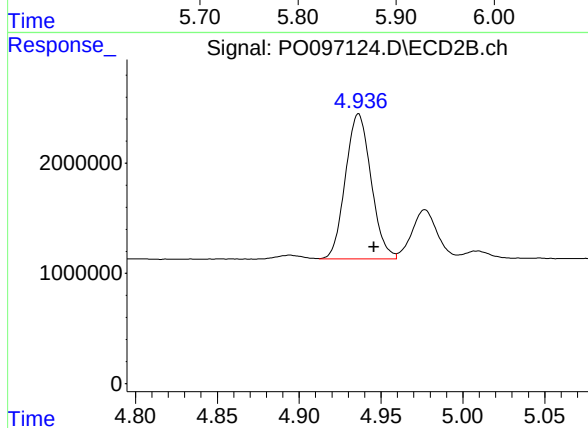
#21 AR-1248-1

R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 525085
Conc: 18.71 ng/ml



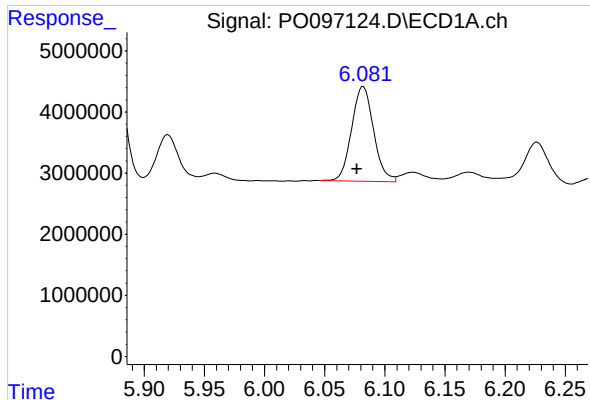
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.004 min
Response: 33780448
Conc: 359.30 ng/ml



#22 AR-1248-2

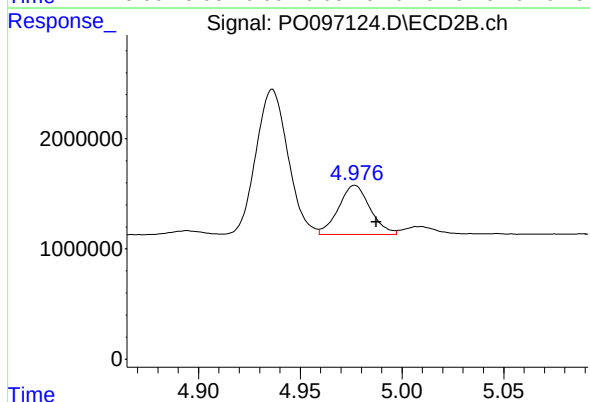
R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 14359821
Conc: 338.83 ng/ml



#23 AR-1248-3

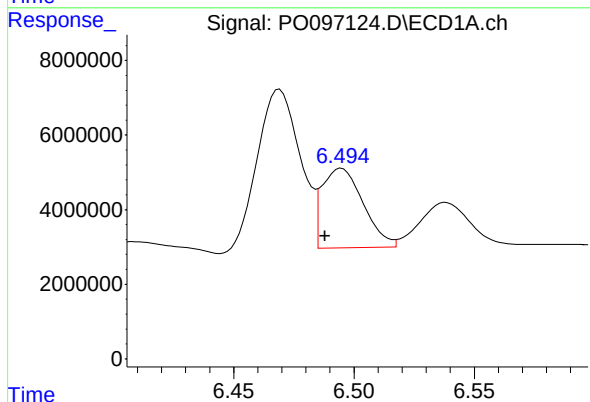
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 19742749
Conc: 201.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



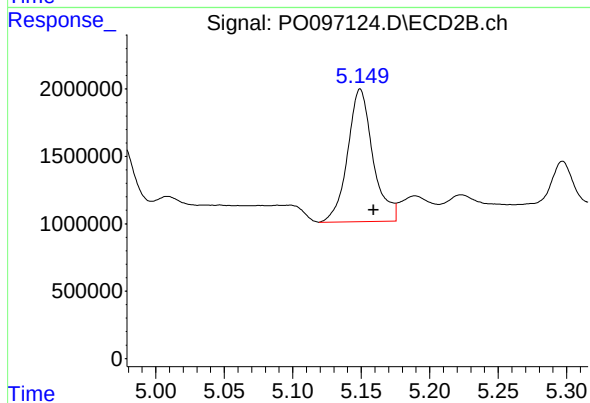
#23 AR-1248-3

R.T.: 4.977 min
Delta R.T.: -0.011 min
Response: 4800056
Conc: 109.43 ng/ml



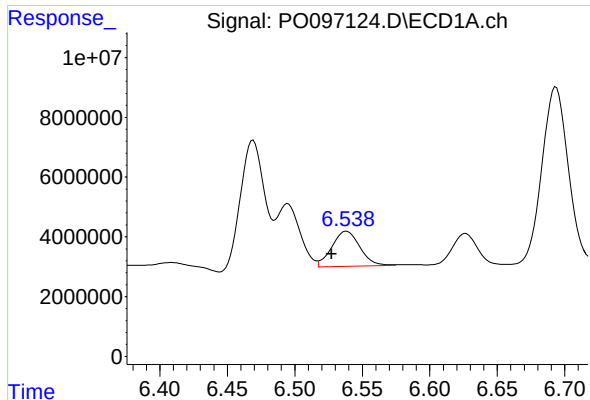
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 25372506
Conc: 279.30 ng/ml



#24 AR-1248-4

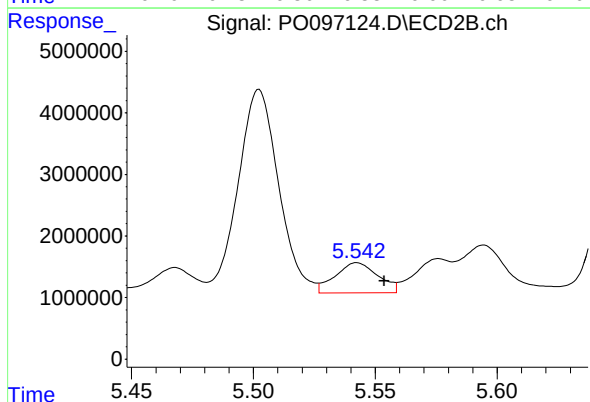
R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 12664716
Conc: 248.09 ng/ml



#25 AR-1248-5

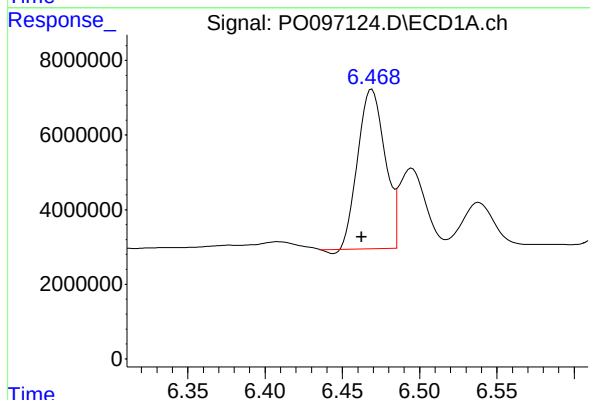
R.T.: 6.538 min
Delta R.T.: 0.011 min
Response: 17008752
Conc: 193.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



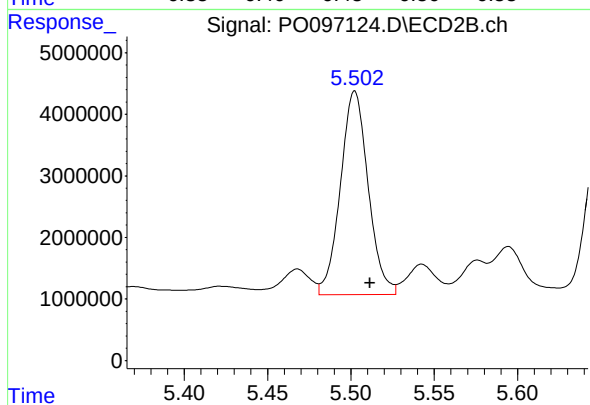
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: -0.011 min
Response: 5932864
Conc: 126.90 ng/ml



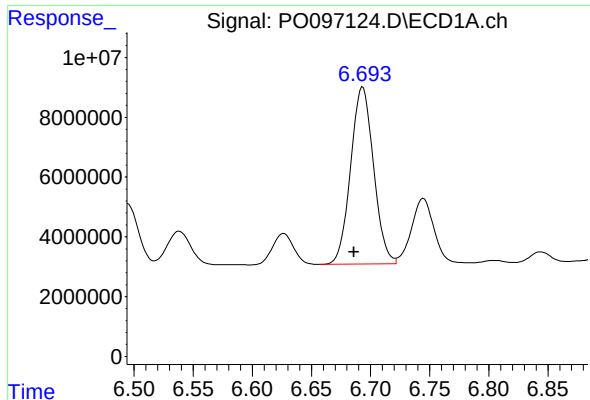
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.007 min
Response: 52269356
Conc: 478.26 ng/ml



#26 AR-1254-1

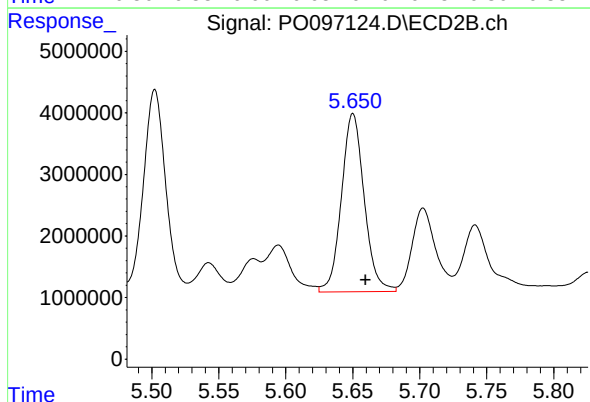
R.T.: 5.502 min
Delta R.T.: -0.009 min
Response: 38298472
Conc: 518.98 ng/ml



#27 AR-1254-2

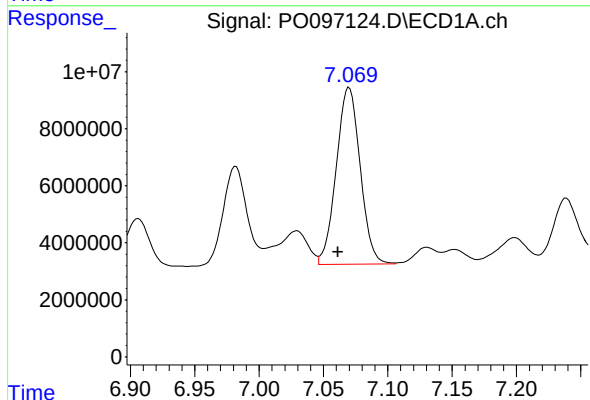
R.T.: 6.693 min
Delta R.T.: 0.007 min
Response: 79912521
Conc: 495.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



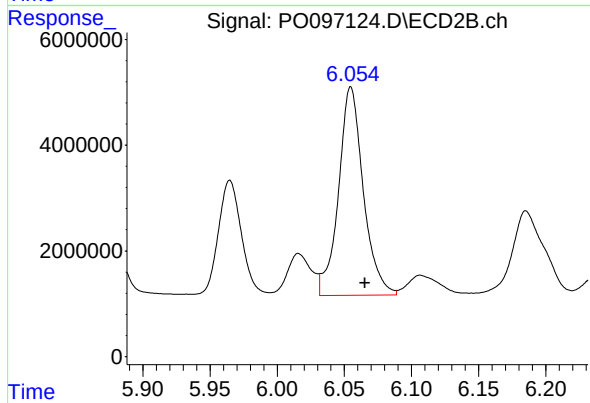
#27 AR-1254-2

R.T.: 5.650 min
Delta R.T.: -0.009 min
Response: 34143288
Conc: 518.26 ng/ml



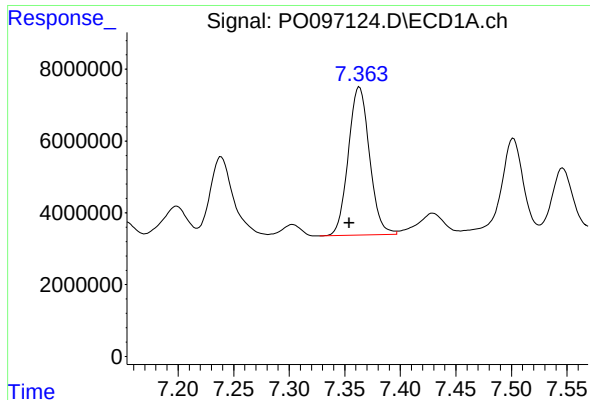
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 80064062
Conc: 510.95 ng/ml



#28 AR-1254-3

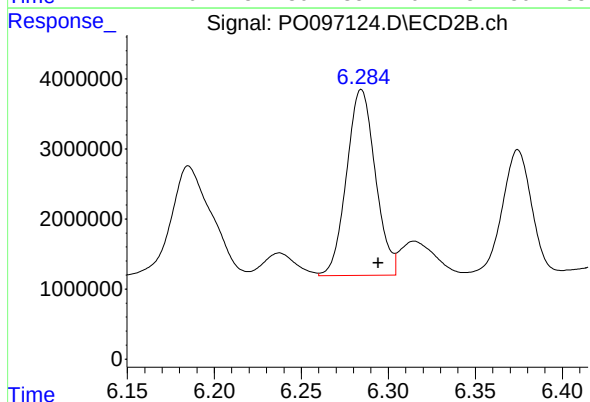
R.T.: 6.055 min
Delta R.T.: -0.010 min
Response: 50752042
Conc: 502.18 ng/ml



#29 AR-1254-4

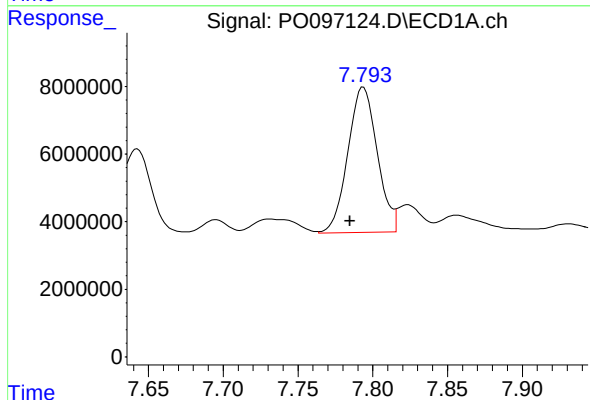
R.T.: 7.363 min
Delta R.T.: 0.009 min
Response: 54729460
Conc: 542.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



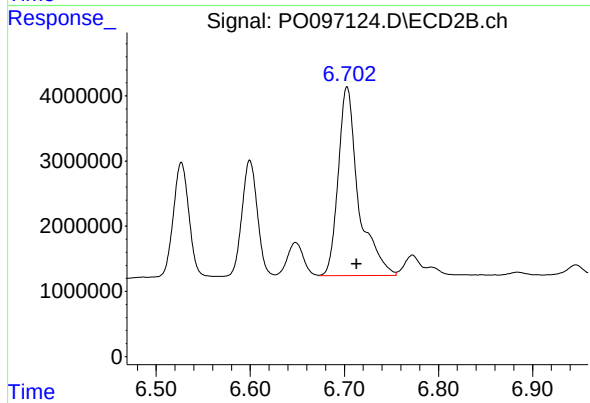
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: -0.010 min
Response: 30523513
Conc: 527.41 ng/ml



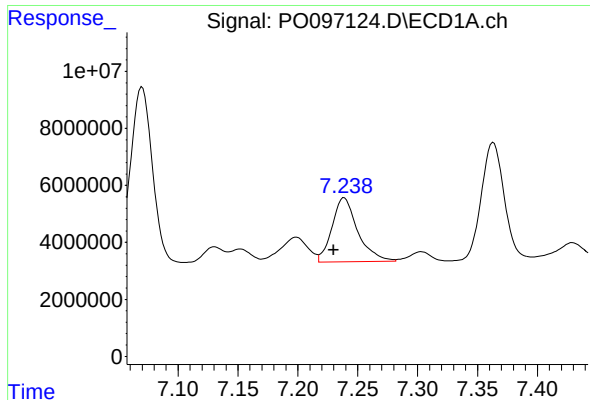
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.009 min
Response: 58771449
Conc: 523.74 ng/ml



#30 AR-1254-5

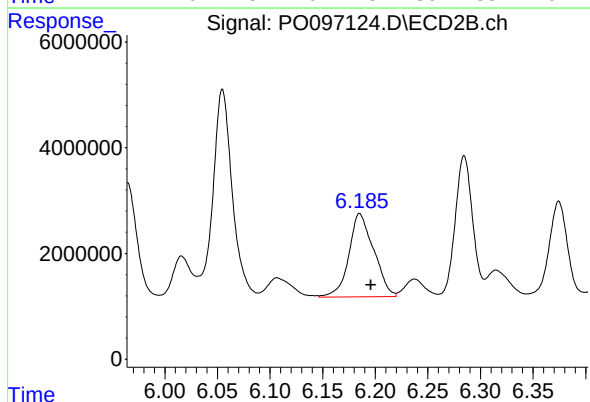
R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 43437933
Conc: 494.09 ng/ml



#31 AR-1260-1

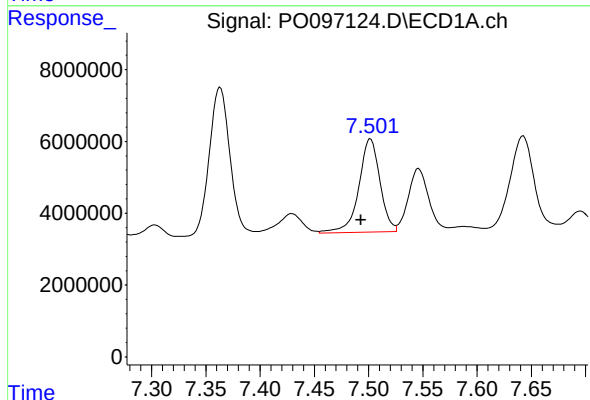
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 33628335
Conc: 267.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



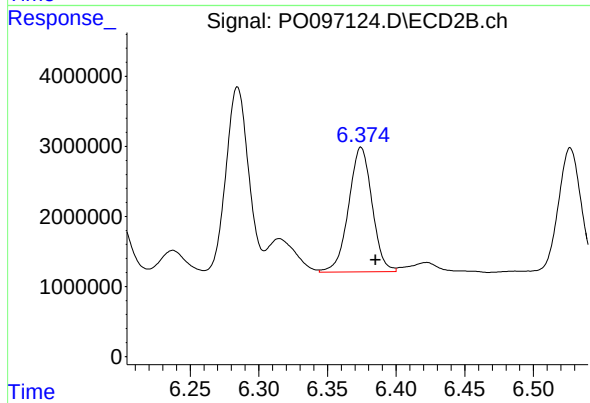
#31 AR-1260-1

R.T.: 6.185 min
Delta R.T.: -0.011 min
Response: 25900452
Conc: 368.07 ng/ml



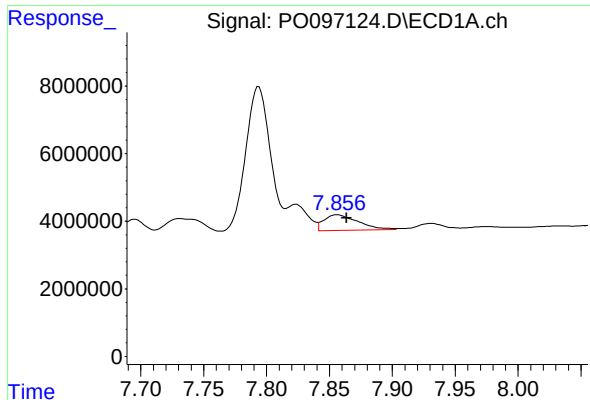
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.009 min
Response: 35271057
Conc: 261.78 ng/ml



#32 AR-1260-2

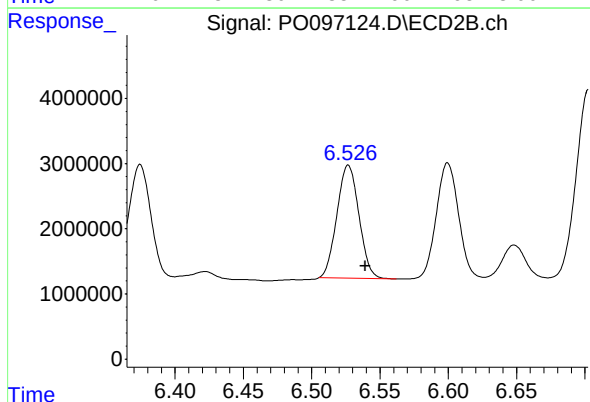
R.T.: 6.374 min
Delta R.T.: -0.011 min
Response: 21089953
Conc: 252.69 ng/ml



#33 AR-1260-3

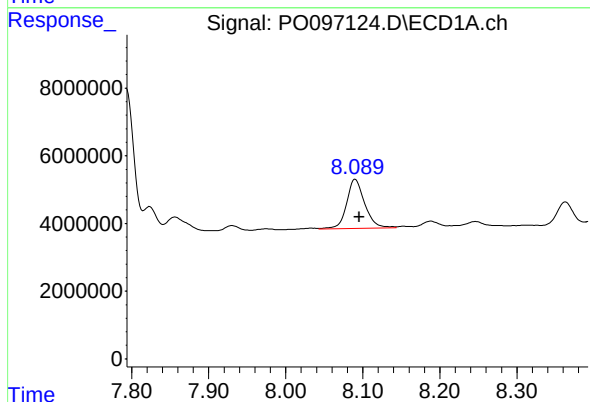
R.T.: 7.856 min
Delta R.T.: -0.007 min
Response: 8789033
Conc: 84.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



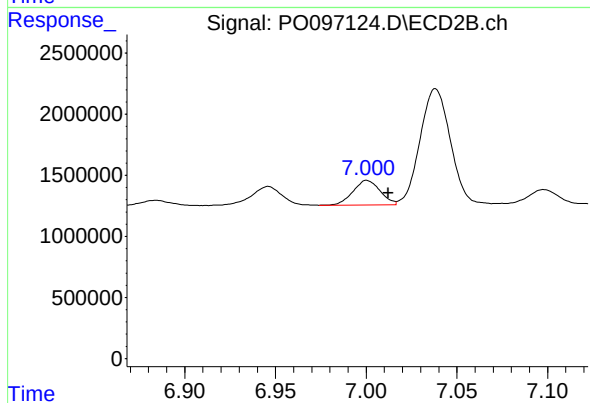
#33 AR-1260-3

R.T.: 6.527 min
Delta R.T.: -0.012 min
Response: 19470683
Conc: 252.15 ng/ml



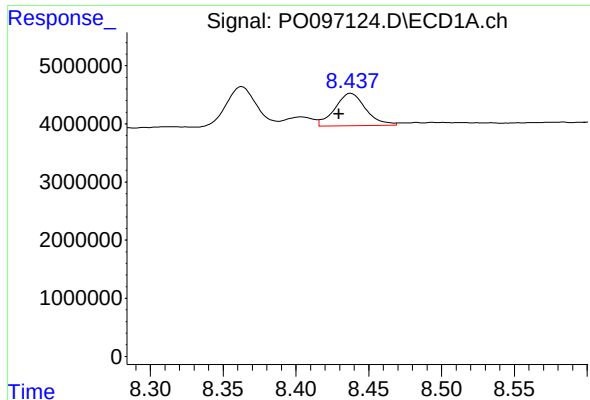
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.005 min
Response: 23600504
Conc: 211.09 ng/ml



#34 AR-1260-4

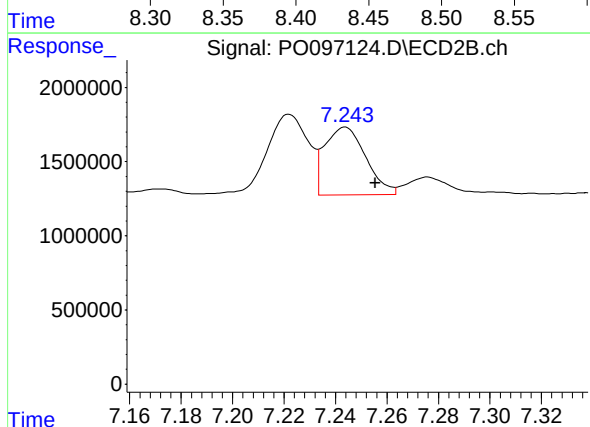
R.T.: 7.000 min
Delta R.T.: -0.012 min
Response: 2106068
Conc: 32.87 ng/ml



#35 AR-1260-5

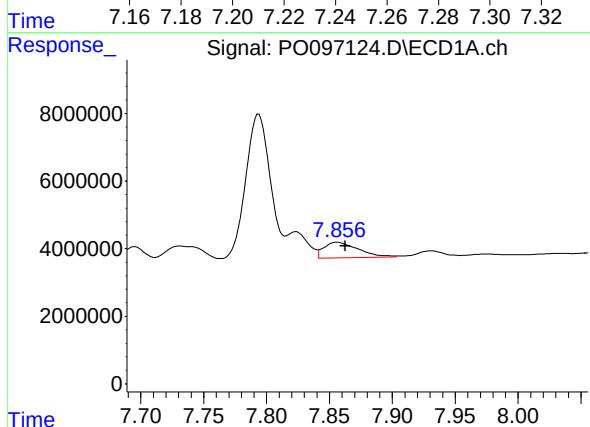
R.T.: 8.438 min
Delta R.T.: 0.008 min
Response: 8322656
Conc: 39.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



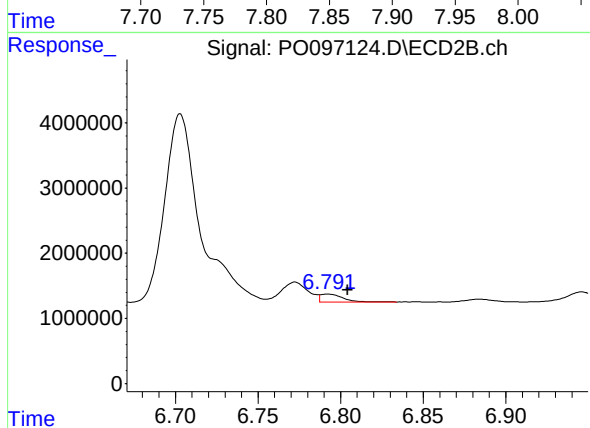
#35 AR-1260-5

R.T.: 7.244 min
Delta R.T.: -0.012 min
Response: 5070617
Conc: 36.58 ng/ml



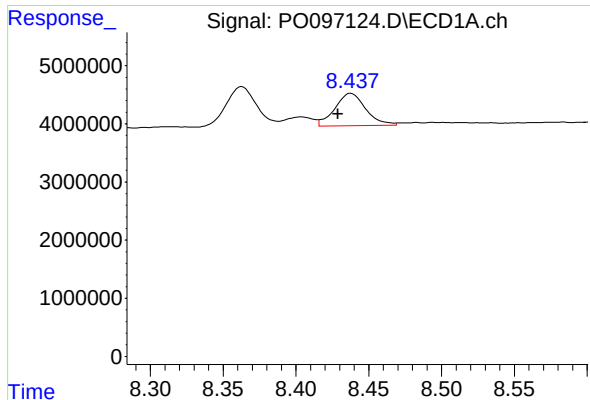
#36 AR-1262-1

R.T.: 7.856 min
Delta R.T.: -0.006 min
Response: 8789033
Conc: 59.17 ng/ml



#36 AR-1262-1

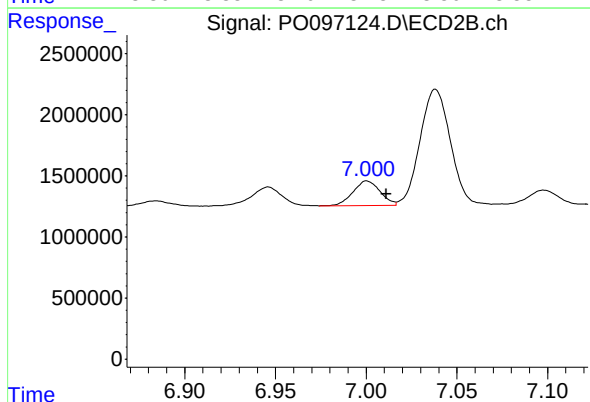
R.T.: 6.792 min
Delta R.T.: -0.012 min
Response: 1162653
Conc: 29.53 ng/ml



#37 AR-1262-2

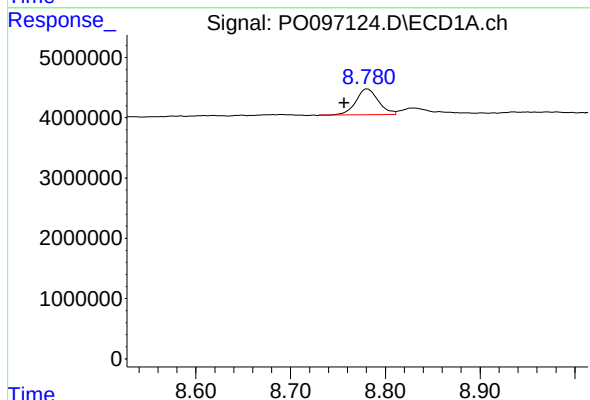
R.T.: 8.438 min
Delta R.T.: 0.009 min
Response: 8322656
Conc: 35.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



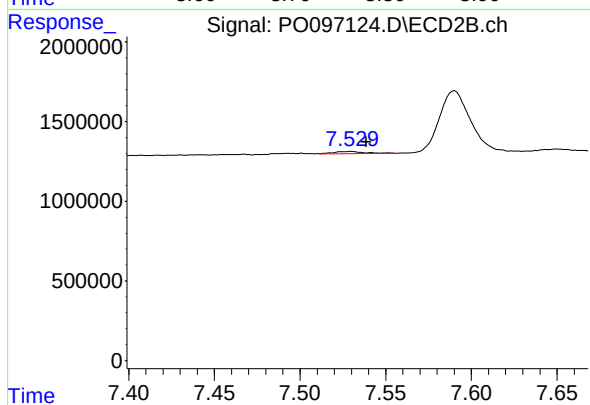
#37 AR-1262-2

R.T.: 7.000 min
Delta R.T.: -0.011 min
Response: 2106068
Conc: 25.97 ng/ml



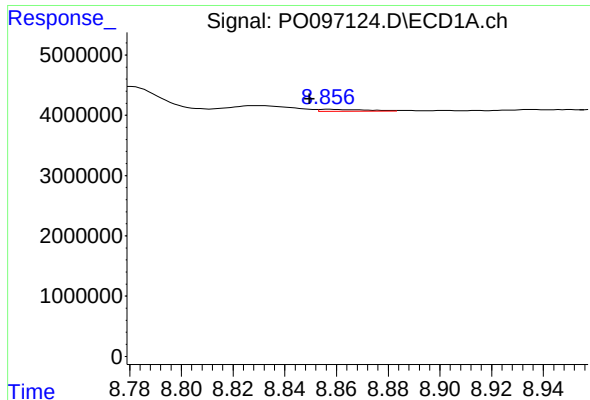
#38 AR-1262-3

R.T.: 8.781 min
Delta R.T.: 0.024 min
Response: 7083790
Conc: 42.47 ng/ml



#38 AR-1262-3

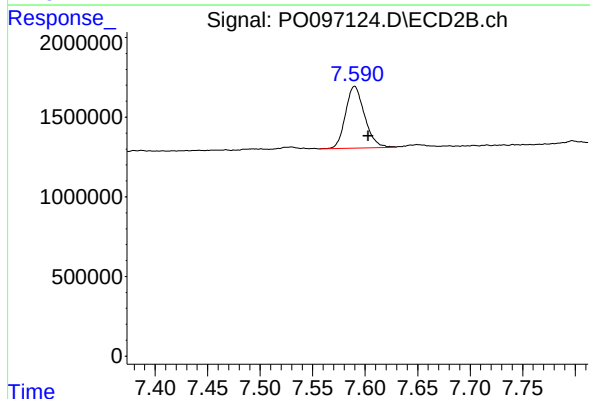
R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 192450
Conc: 3.00 ng/ml



#39 AR-1262-4

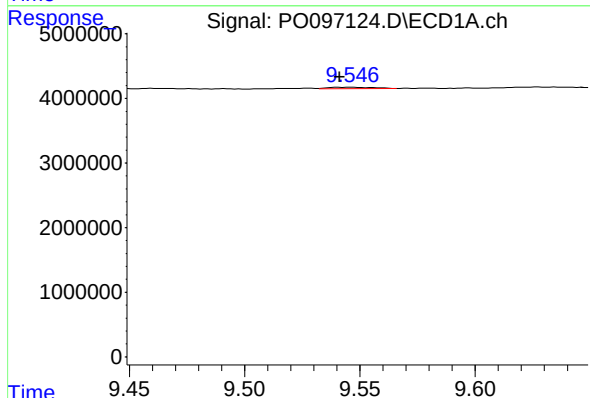
R.T.: 8.857 min
Delta R.T.: 0.007 min
Response: 429864
Conc: 5.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



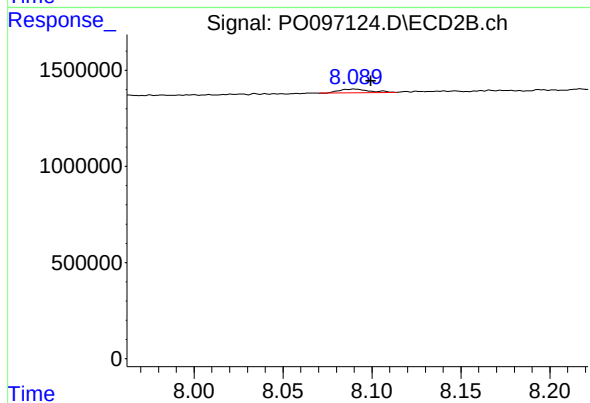
#39 AR-1262-4

R.T.: 7.590 min
Delta R.T.: -0.013 min
Response: 4930600
Conc: 43.40 ng/ml



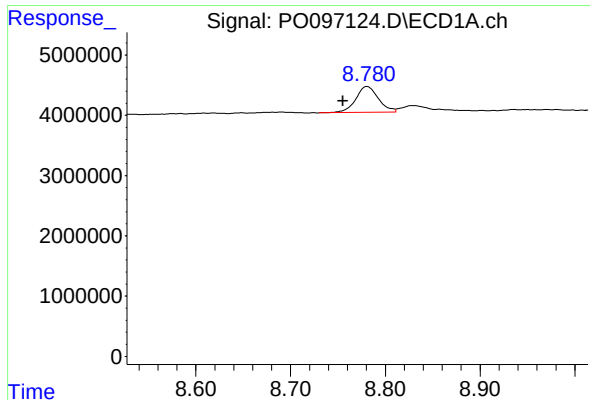
#40 AR-1262-5

R.T.: 9.546 min
Delta R.T.: 0.005 min
Response: 327853
Conc: 3.94 ng/ml



#40 AR-1262-5

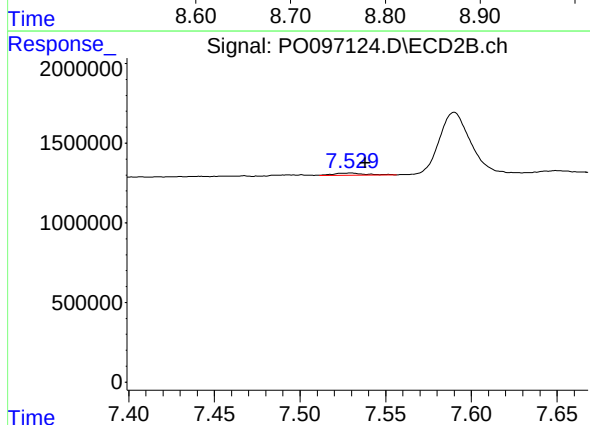
R.T.: 8.090 min
Delta R.T.: -0.009 min
Response: 229466
Conc: 4.37 ng/ml



#41 AR-1268-1

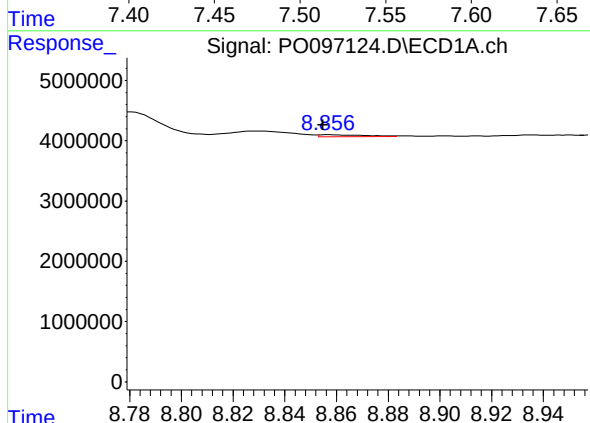
R.T.: 8.781 min
Delta R.T.: 0.026 min
Response: 7083790
Conc: 23.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



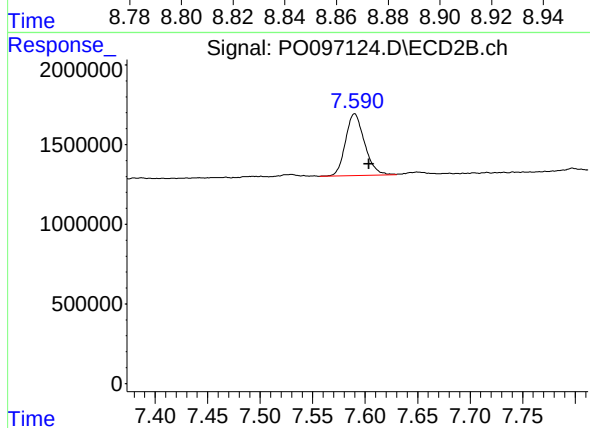
#41 AR-1268-1

R.T.: 7.529 min
Delta R.T.: -0.009 min
Response: 192450
Conc: 1.04 ng/ml



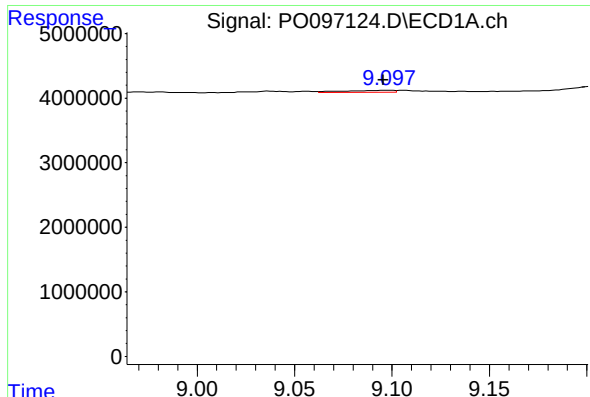
#42 AR-1268-2

R.T.: 8.857 min
Delta R.T.: 0.002 min
Response: 429864
Conc: 1.57 ng/ml



#42 AR-1268-2

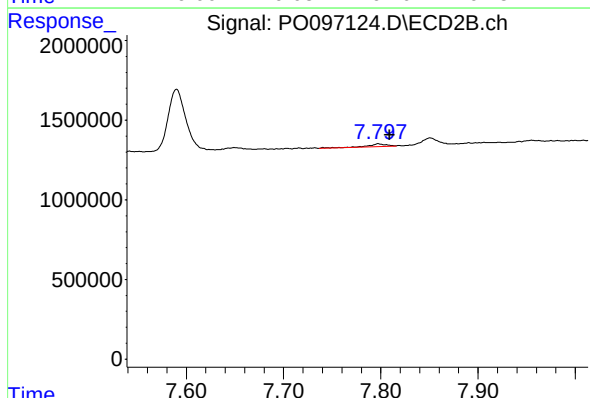
R.T.: 7.590 min
Delta R.T.: -0.014 min
Response: 4930600
Conc: 29.40 ng/ml



#43 AR-1268-3

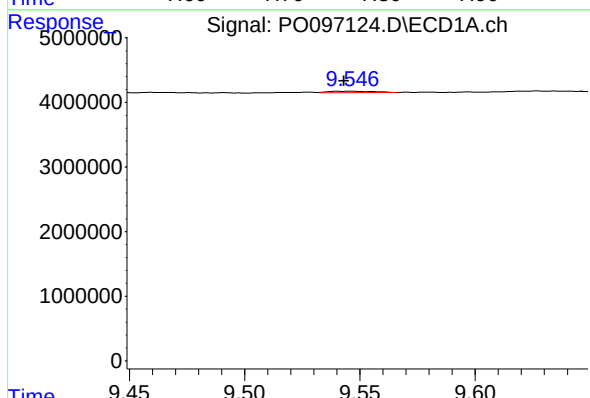
R.T.: 9.098 min
Delta R.T.: 0.002 min
Response: 493936
Conc: 1.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



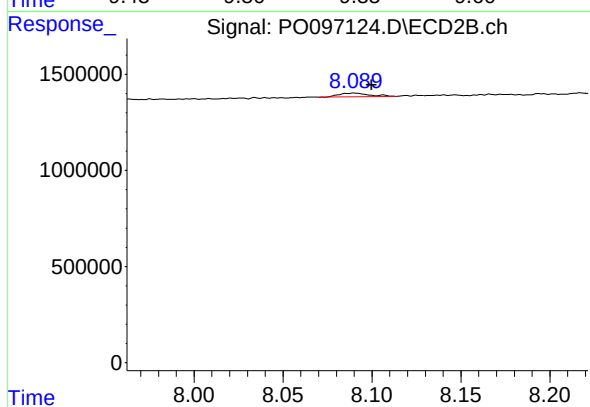
#43 AR-1268-3

R.T.: 7.798 min
Delta R.T.: -0.012 min
Response: 222997
Conc: 1.54 ng/ml



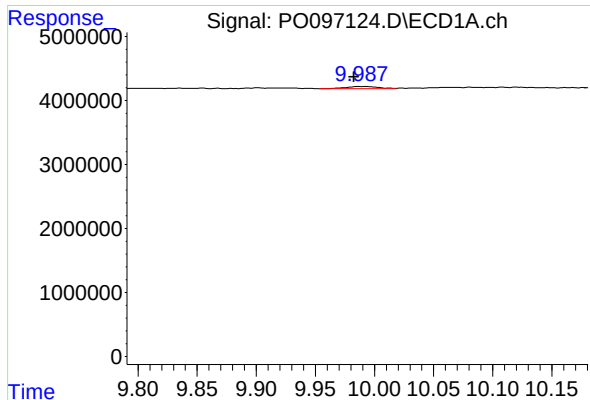
#44 AR-1268-4

R.T.: 9.546 min
Delta R.T.: 0.003 min
Response: 327853
Conc: 3.54 ng/ml



#44 AR-1268-4

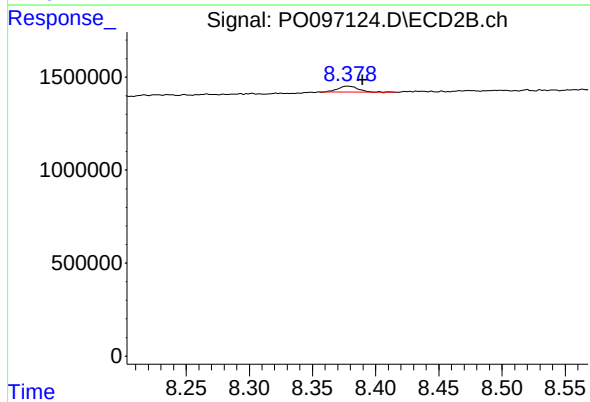
R.T.: 8.090 min
Delta R.T.: -0.010 min
Response: 229466
Conc: 3.85 ng/ml



#45 AR-1268-5

R.T.: 9.987 min
Delta R.T.: 0.005 min
Response: 621352
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.012 min
Response: 343018
Conc: 0.82 ng/ml