

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081523\
 Data File : P0097138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 08:10
 Operator : YP/AJ
 Sample : AR1268CCC500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 08:24:41 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	178.9E6	69559572	54.044	52.546
2) SA Decachlor...	10.347	8.629	210.0E6	97316586	95.961	84.116
Target Compounds						
3) L1 AR-1016-1	5.595	4.715	1046050	415401	11.106	9.369
4) L1 AR-1016-2	5.618	4.715	1749074	415401	13.075	6.791 #
5) L1 AR-1016-3	5.681	4.856f	627928	134699	7.216	4.123 #
6) L1 AR-1016-4	5.780	4.978	243153	4008129	3.620	140.211 #
7) L1 AR-1016-5	6.082	5.155	2158950	5988644	30.923	155.766 #
8) L2 AR-1221-1	4.594	3.777f	262558	1458580	6.442	84.034 #
9) L2 AR-1221-2	4.720	3.914	2695063	1110573	88.712	85.953
10) L2 AR-1221-3	4.781	3.993	541965	503382	6.192	12.682 #
11) L3 AR-1232-1	4.781	3.993	541965	503382	7.431	15.562 #
12) L3 AR-1232-2	5.324	4.715	386539	415401	9.750	14.397 #
13) L3 AR-1232-3	5.618	4.856f	1749074	134699	28.592	8.884 #
14) L3 AR-1232-4	5.780	4.978	243153	4008129	7.969	268.198 #
15) L3 AR-1232-5	5.876	5.155	426246	5988644	15.232	366.350 #
16) L4 AR-1242-1	5.595	4.715	1046050	415401	12.480	10.536
17) L4 AR-1242-2	5.618	4.715	1749074	415401	14.853	7.623 #
18) L4 AR-1242-3	5.681	4.856f	627928	134699	8.500	4.555 #
19) L4 AR-1242-4	5.780	4.978	243153	4008129	4.085	127.186 #
20) L4 AR-1242-5	6.534	5.526	3618791	25899235	65.773	710.811 #
21) L5 AR-1248-1	5.595	4.715	1046050	415401	17.852	14.803
22) L5 AR-1248-2	5.876	4.978	426246	4008129	4.534	94.574 #
23) L5 AR-1248-3	6.082	4.978	2158950	4008129	22.073	91.374 #
24) L5 AR-1248-4	6.472	5.155	9421813	5988644	103.715	117.310
25) L5 AR-1248-5	6.534	5.526	3618791	25899235	41.082	553.972 #
26) L6 AR-1254-1	6.472	5.526	9421813	25899235	86.209	350.956 #
27) L6 AR-1254-2	6.699	5.647	1968337	7917300	12.208	120.177 #
28) L6 AR-1254-3	7.074	6.075	34792987	1104461	222.040	10.928 #
29) L6 AR-1254-4	7.364	6.287	17874429	305795	177.294	5.284 #
30) L6 AR-1254-5	7.812	6.703	2208312	246977	19.679	2.809 #
31) L7 AR-1260-1	7.241	6.170	10173400	2253645	80.942	32.027 #
32) L7 AR-1260-2	7.505	6.407	7252731	587963	53.830	7.045 #
33) L7 AR-1260-3	7.872	6.532	34219537	1296921	329.750	16.795 #
34) L7 AR-1260-4	8.067	6.997	1496979	22800426	13.389	355.800 #
35) L7 AR-1260-5	8.438	7.244	15199529	9781138	72.386	70.554
36) L8 AR-1262-1	7.872	6.794	34219537	1819728	230.393	46.223 #
37) L8 AR-1262-2	8.438	6.997	15199529	22800426	65.666	281.122 #
38) L8 AR-1262-3	8.763	7.528	161.0E6	88808786	965.189	1383.895 #
39) L8 AR-1262-4	8.862	7.593	147.1E6	80207019	2016.991	706.044 #
40) L8 AR-1262-5	9.551	8.089	52245735	24001696	627.365	457.019 #
41) L9 AR-1268-1	8.763	7.528	161.0E6	88808786	523.715	479.297

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081523\
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 Acq On : 16 Aug 2023 08:10
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 16 08:24:41 2023
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 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

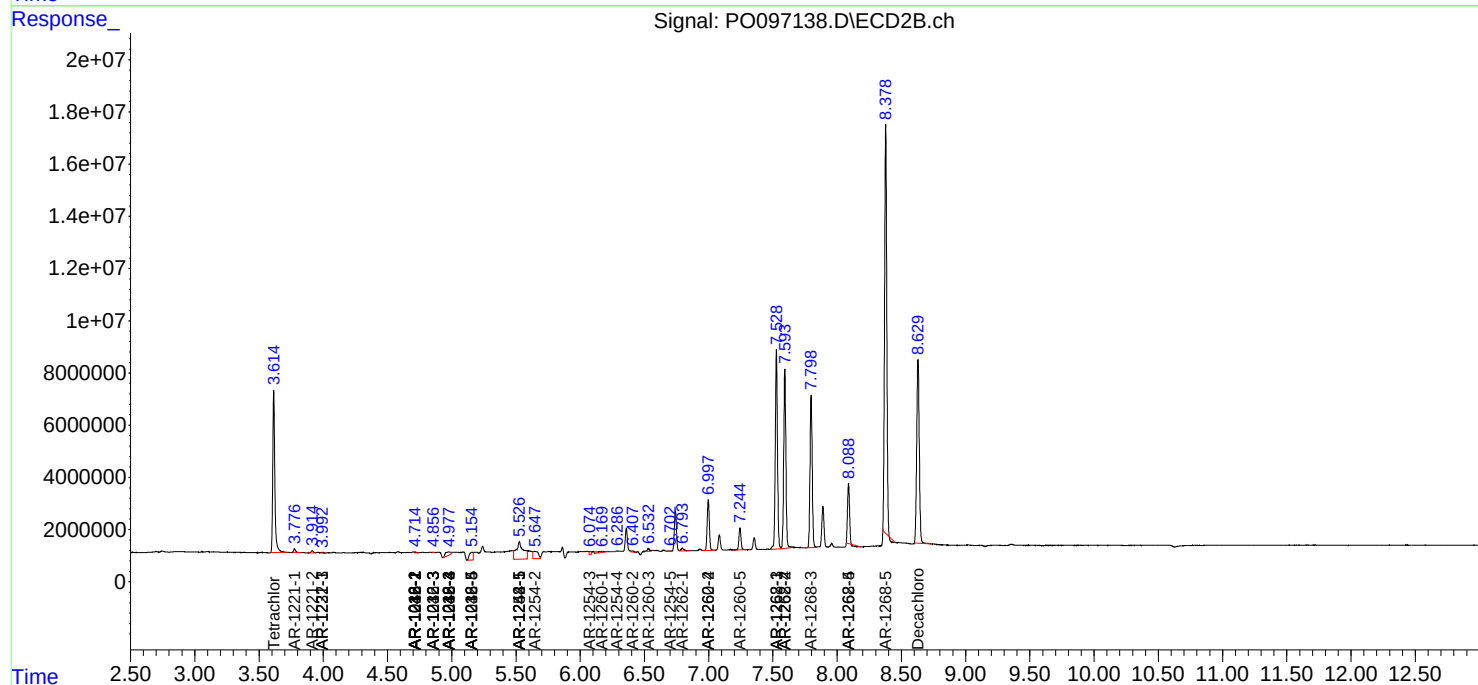
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

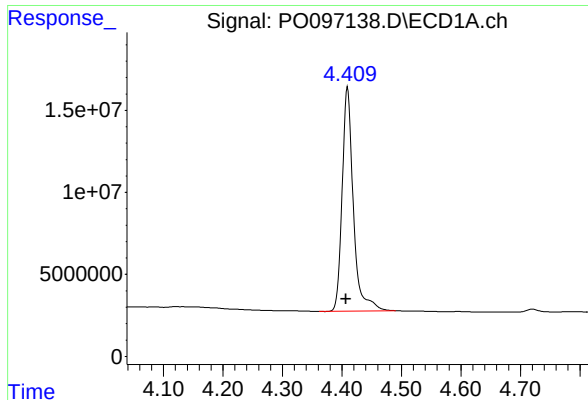
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.862	7.593	147.1E6	80207019	536.308	478.312
43) L9	AR-1268-3	9.102	7.798	132.1E6	68302499	517.241	472.744
44) L9	AR-1268-4	9.551	8.089	52245735	24001696	563.521	402.895 #
45) L9	AR-1268-5	9.990	8.378	436.1E6	186.4E6	539.832	448.135

(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

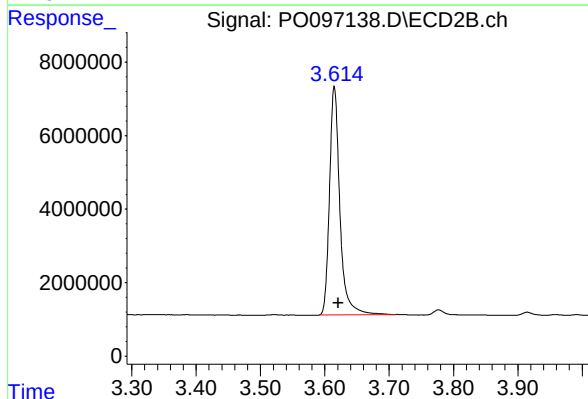




#1 Tetrachloro-m-xylene

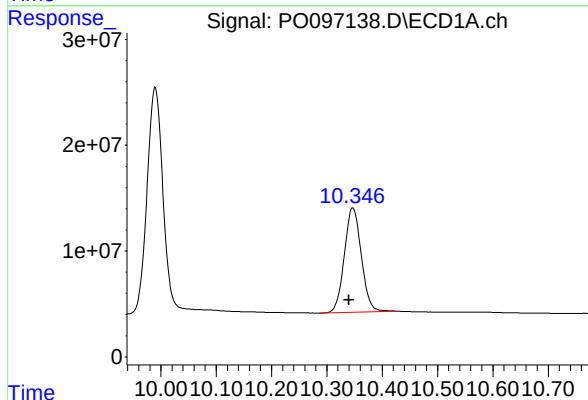
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 178895198
Conc: 54.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



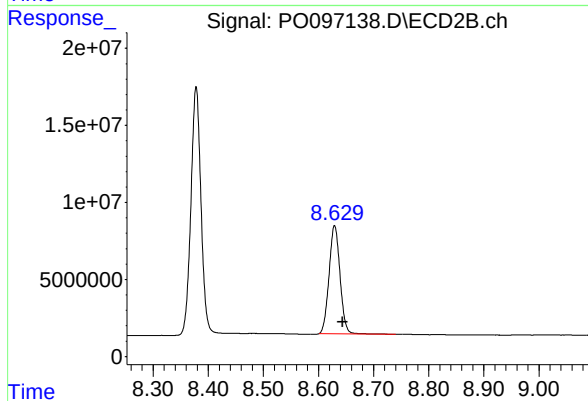
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 69559572
Conc: 52.55 ng/ml



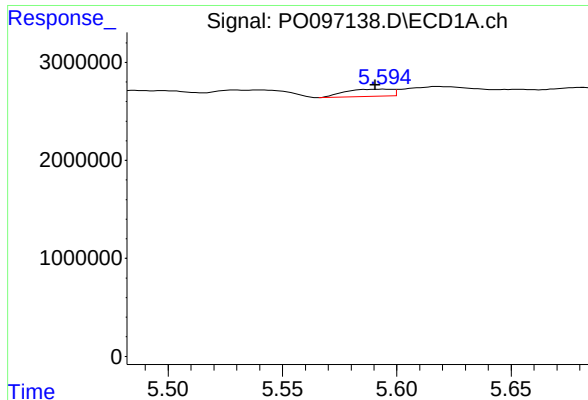
#2 Decachlorobiphenyl

R.T.: 10.347 min
Delta R.T.: 0.007 min
Response: 209980629
Conc: 95.96 ng/ml



#2 Decachlorobiphenyl

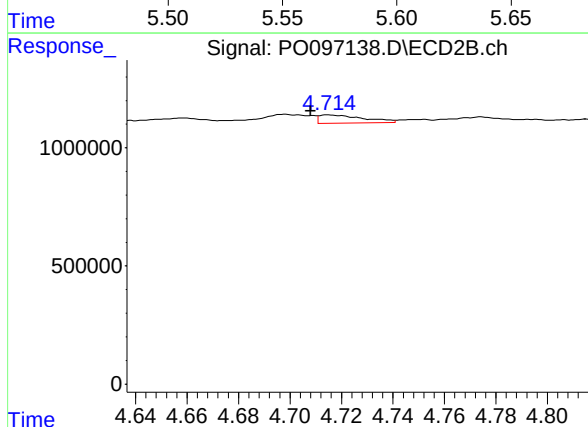
R.T.: 8.629 min
Delta R.T.: -0.015 min
Response: 97316586
Conc: 84.12 ng/ml



#3 AR-1016-1

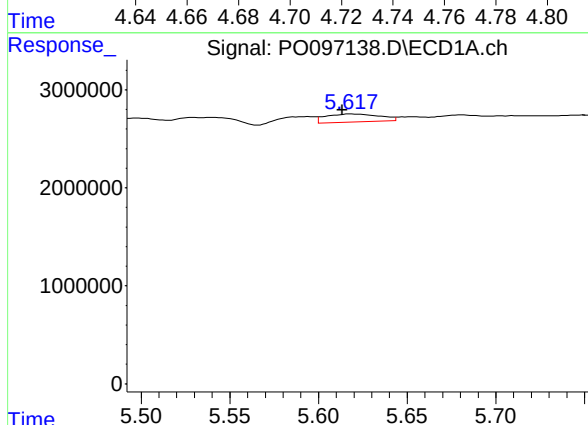
R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 1046050
Conc: 11.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



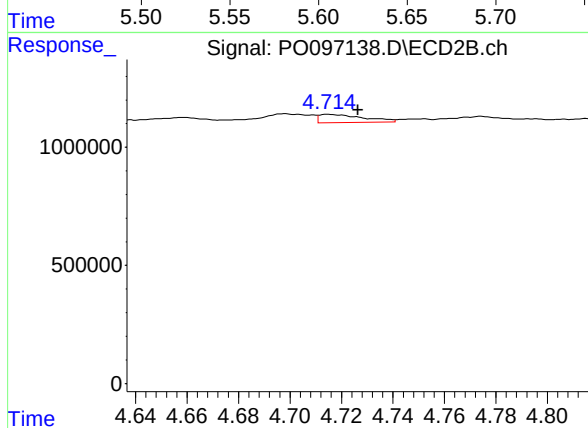
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 415401
Conc: 9.37 ng/ml



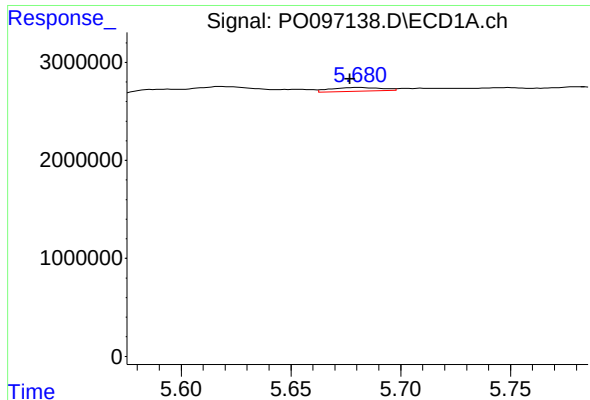
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 1749074
Conc: 13.07 ng/ml



#4 AR-1016-2

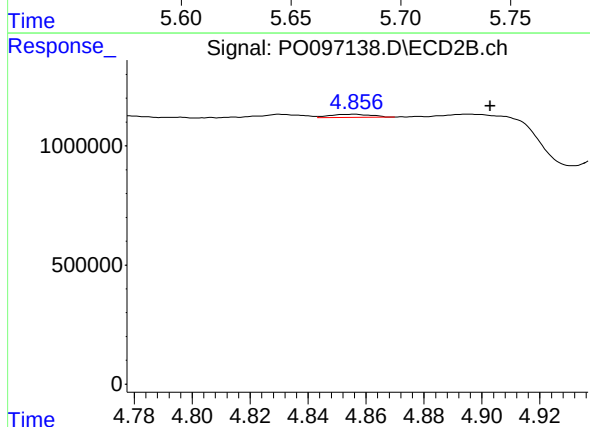
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 415401
Conc: 6.79 ng/ml



#5 AR-1016-3

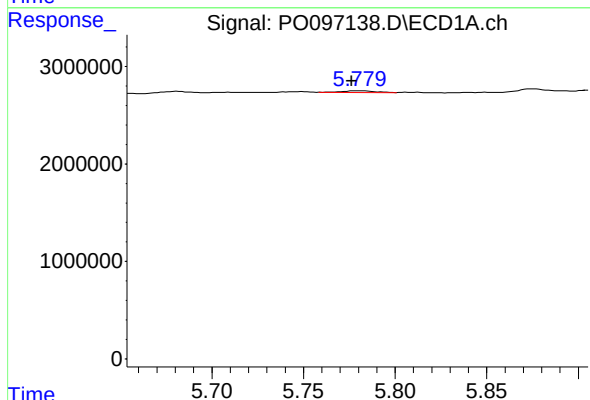
R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 627928
Conc: 7.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



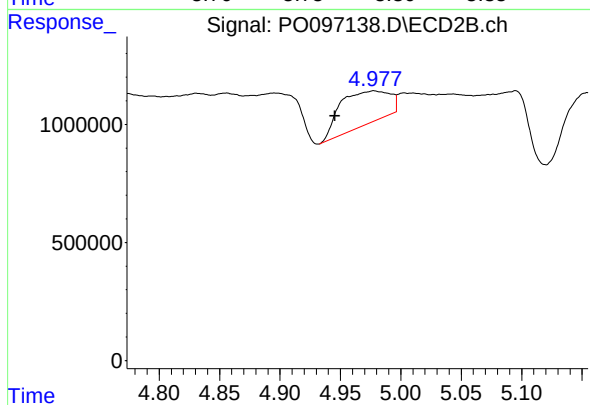
#5 AR-1016-3

R.T.: 4.856 min
Delta R.T.: -0.047 min
Response: 134699
Conc: 4.12 ng/ml



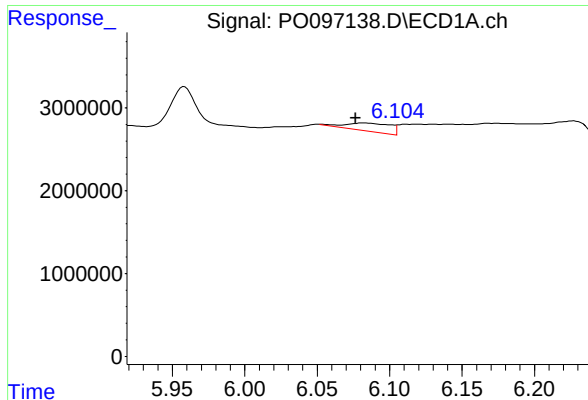
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 243153
Conc: 3.62 ng/ml



#6 AR-1016-4

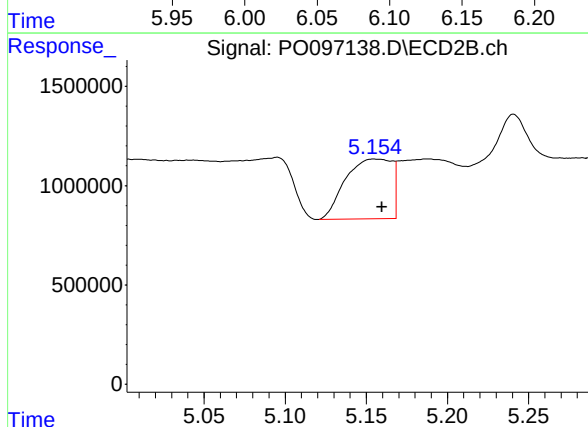
R.T.: 4.978 min
Delta R.T.: 0.032 min
Response: 4008129
Conc: 140.21 ng/ml



#7 AR-1016-5

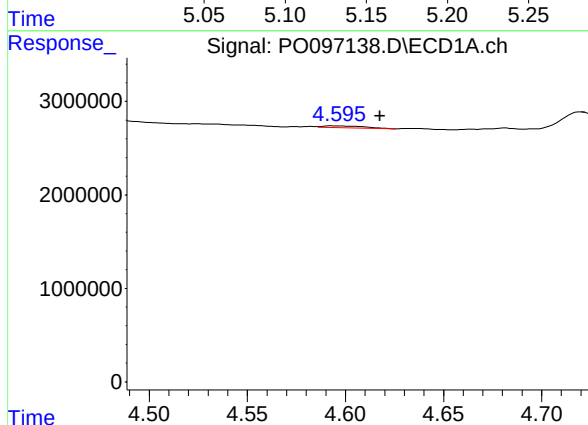
R.T.: 6.082 min
Delta R.T.: 0.006 min
Response: 2158950
Conc: 30.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



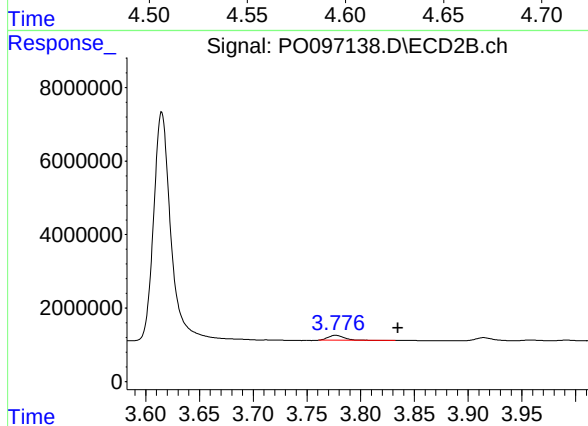
#7 AR-1016-5

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 5988644
Conc: 155.77 ng/ml



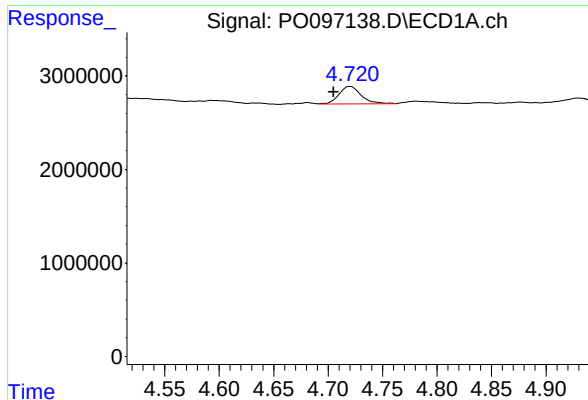
#8 AR-1221-1

R.T.: 4.594 min
Delta R.T.: -0.023 min
Response: 262558
Conc: 6.44 ng/ml



#8 AR-1221-1

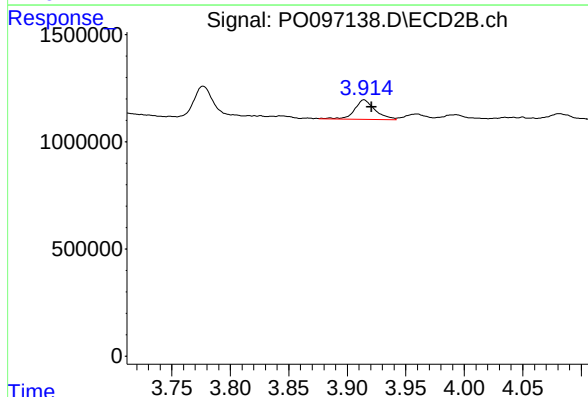
R.T.: 3.777 min
Delta R.T.: -0.058 min
Response: 1458580
Conc: 84.03 ng/ml



#9 AR-1221-2

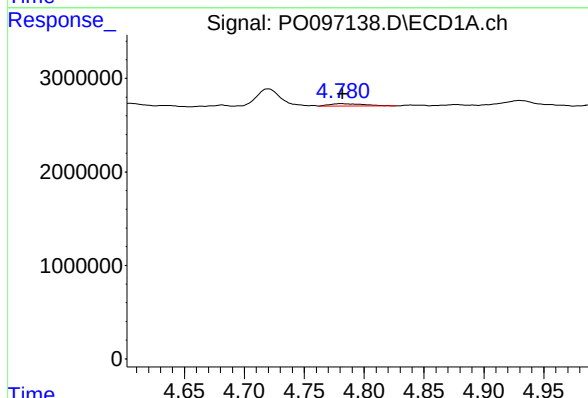
R.T.: 4.720 min
Delta R.T.: 0.015 min
Response: 2695063
Conc: 88.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



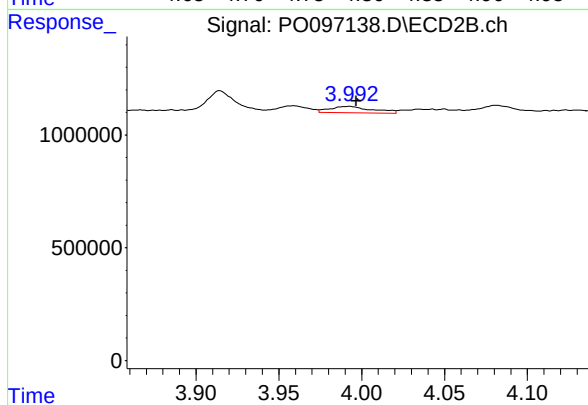
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.006 min
Response: 1110573
Conc: 85.95 ng/ml



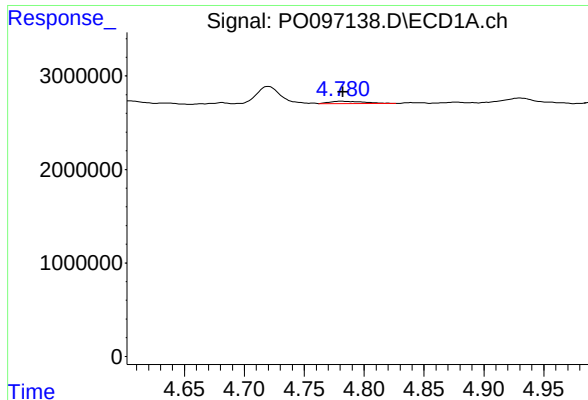
#10 AR-1221-3

R.T.: 4.781 min
Delta R.T.: -0.001 min
Response: 541965
Conc: 6.19 ng/ml



#10 AR-1221-3

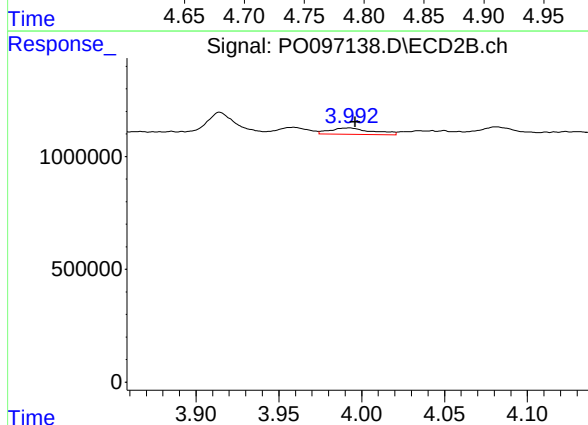
R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 503382
Conc: 12.68 ng/ml



#11 AR-1232-1

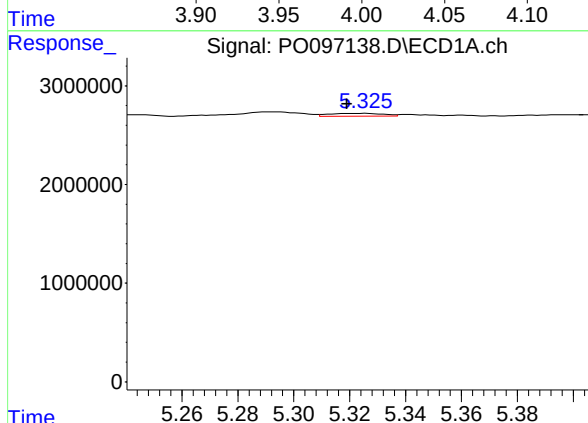
R.T.: 4.781 min
Delta R.T.: -0.001 min
Response: 541965
Conc: 7.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



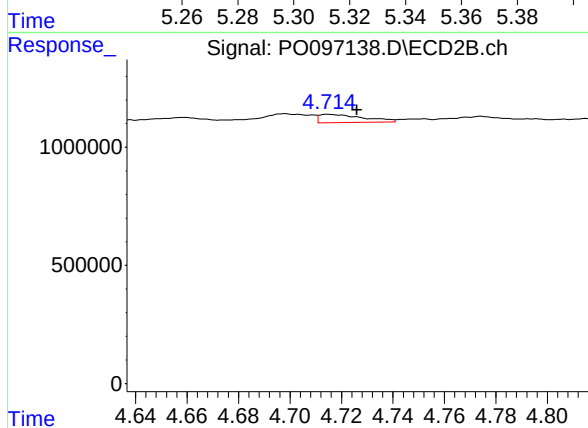
#11 AR-1232-1

R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 503382
Conc: 15.56 ng/ml



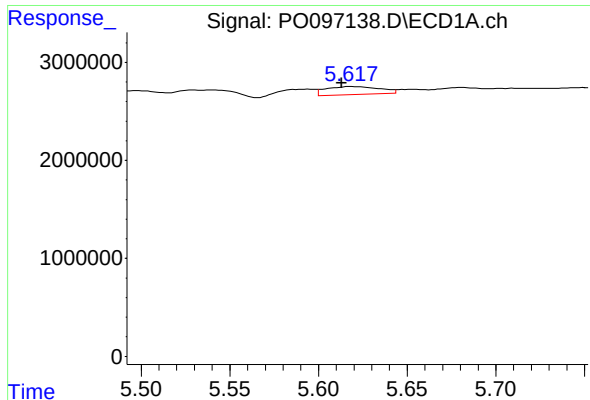
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.005 min
Response: 386539
Conc: 9.75 ng/ml



#12 AR-1232-2

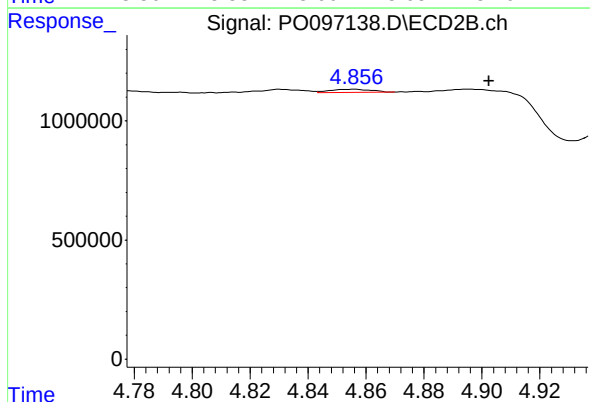
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 415401
Conc: 14.40 ng/ml



#13 AR-1232-3

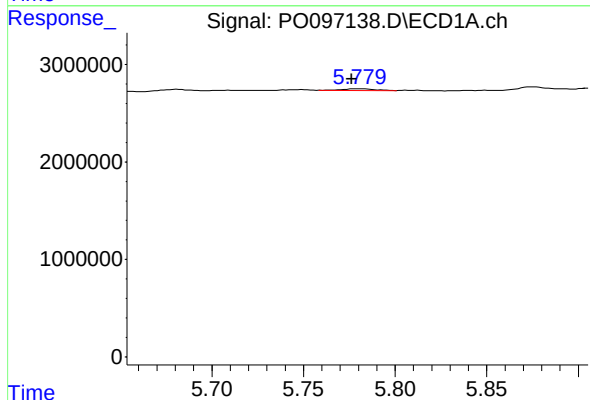
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 1749074
Conc: 28.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



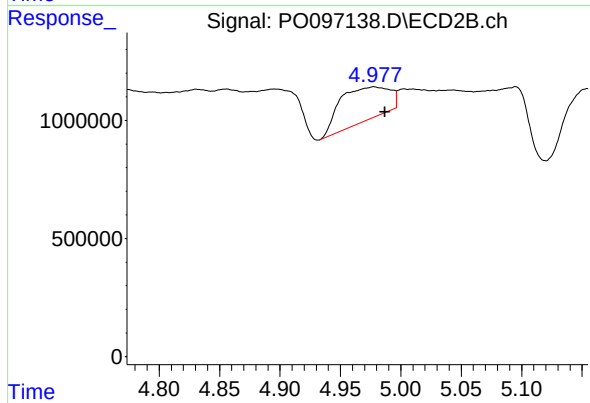
#13 AR-1232-3

R.T.: 4.856 min
Delta R.T.: -0.047 min
Response: 134699
Conc: 8.88 ng/ml



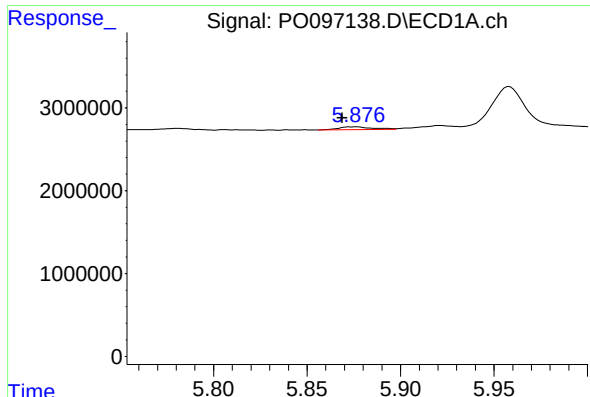
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 243153
Conc: 7.97 ng/ml



#14 AR-1232-4

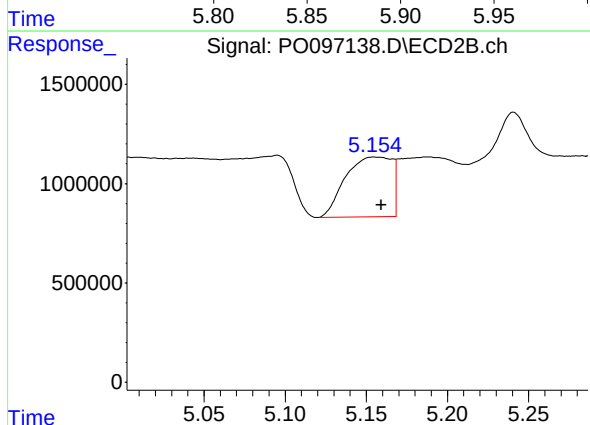
R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 4008129
Conc: 268.20 ng/ml



#15 AR-1232-5

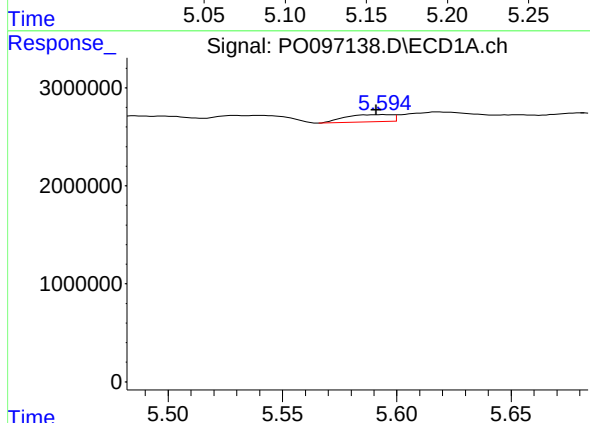
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 426246
Conc: 15.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



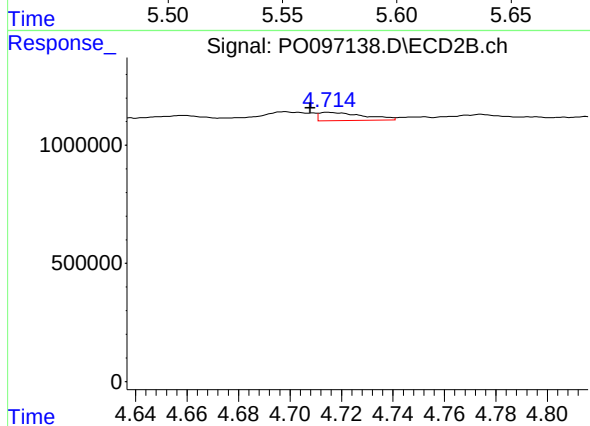
#15 AR-1232-5

R.T.: 5.155 min
Delta R.T.: -0.004 min
Response: 5988644
Conc: 366.35 ng/ml



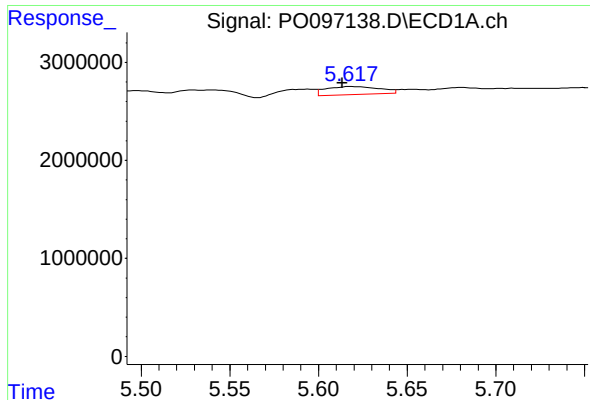
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1046050
Conc: 12.48 ng/ml



#16 AR-1242-1

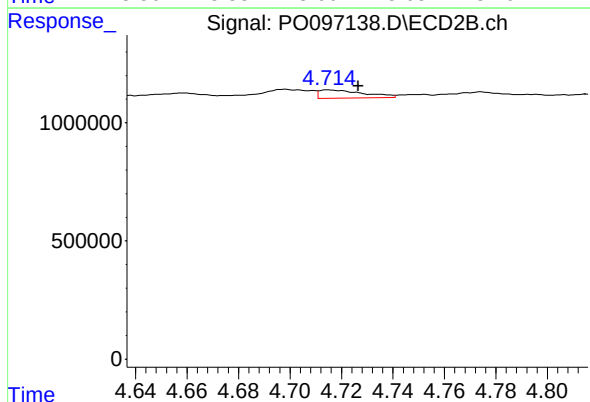
R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 415401
Conc: 10.54 ng/ml



#17 AR-1242-2

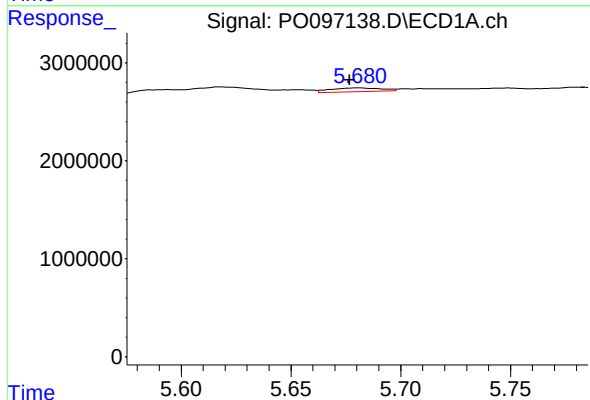
R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 1749074
Conc: 14.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



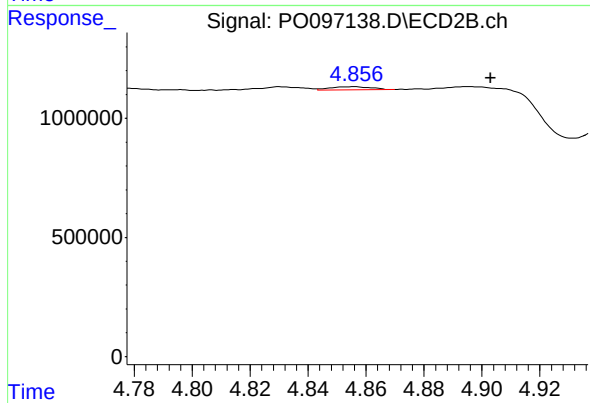
#17 AR-1242-2

R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 415401
Conc: 7.62 ng/ml



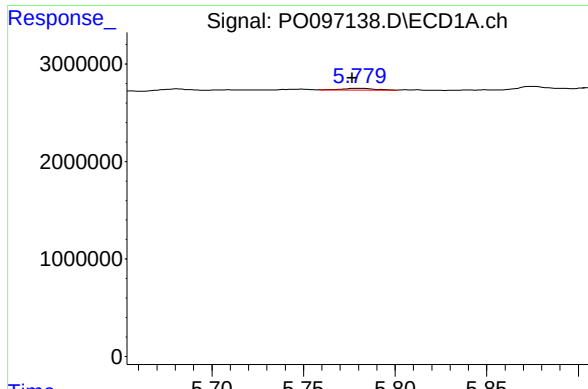
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 627928
Conc: 8.50 ng/ml



#18 AR-1242-3

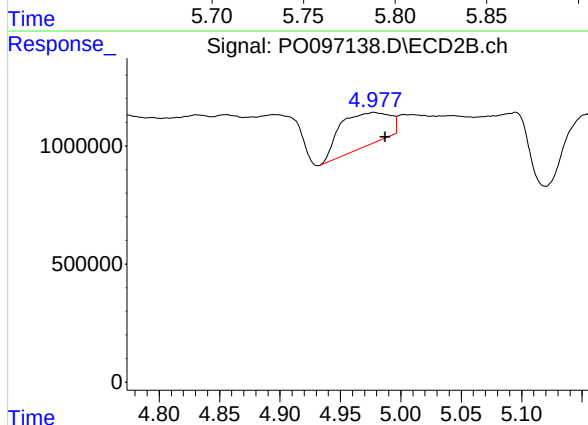
R.T.: 4.856 min
Delta R.T.: -0.047 min
Response: 134699
Conc: 4.56 ng/ml



#19 AR-1242-4

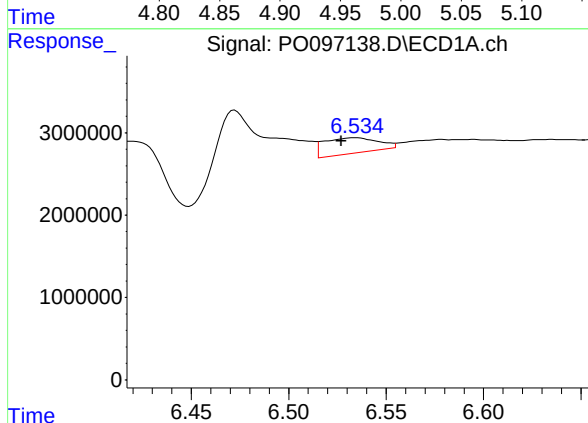
R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 243153
Conc: 4.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



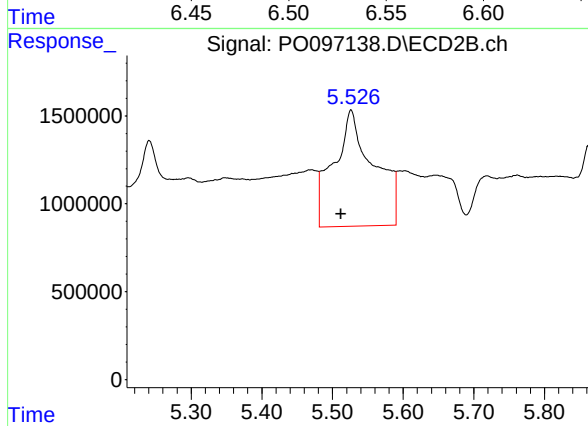
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 4008129
Conc: 127.19 ng/ml



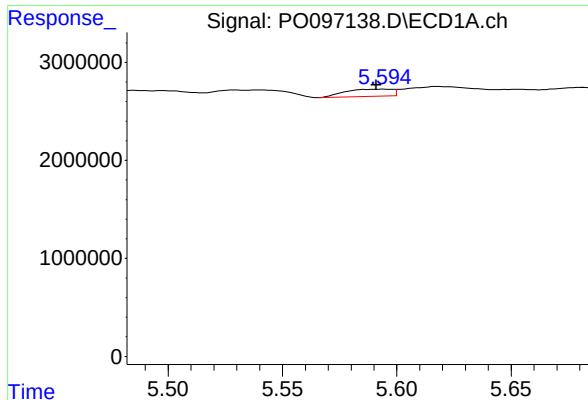
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 3618791
Conc: 65.77 ng/ml



#20 AR-1242-5

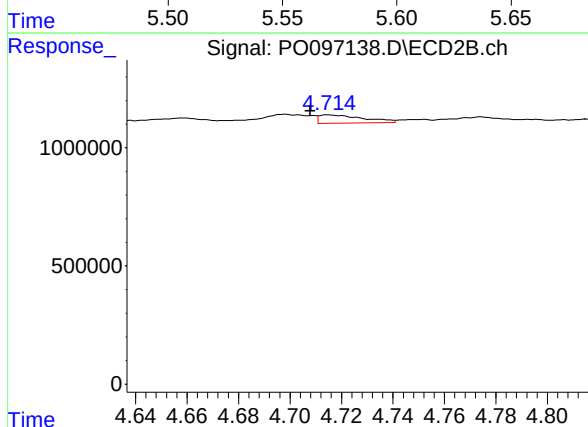
R.T.: 5.526 min
Delta R.T.: 0.014 min
Response: 25899235
Conc: 710.81 ng/ml



#21 AR-1248-1

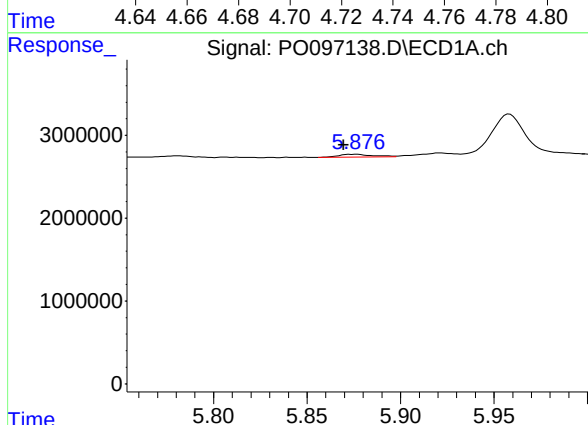
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1046050
Conc: 17.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



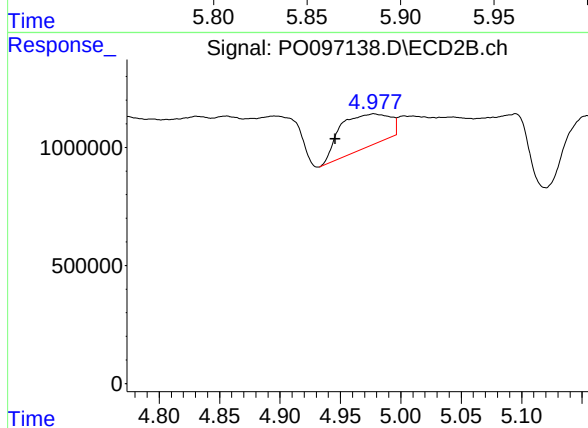
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 415401
Conc: 14.80 ng/ml



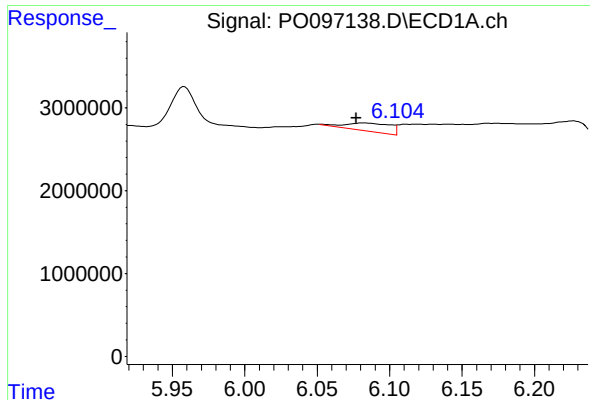
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 426246
Conc: 4.53 ng/ml



#22 AR-1248-2

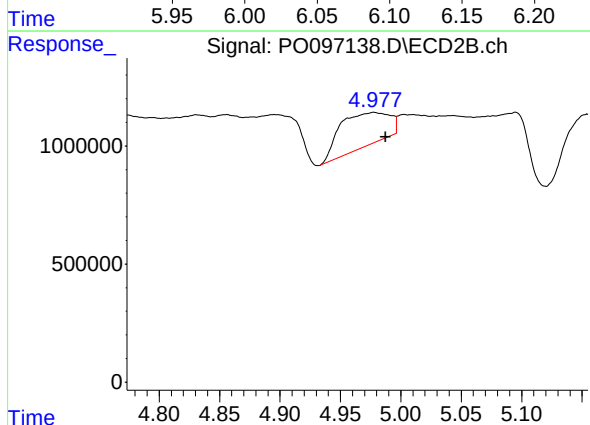
R.T.: 4.978 min
Delta R.T.: 0.032 min
Response: 4008129
Conc: 94.57 ng/ml



#23 AR-1248-3

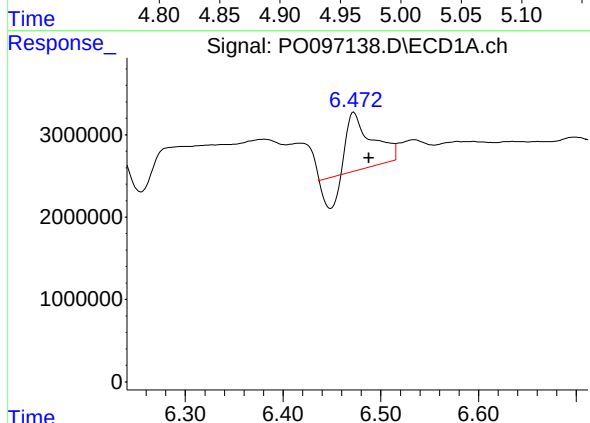
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 2158950
Conc: 22.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



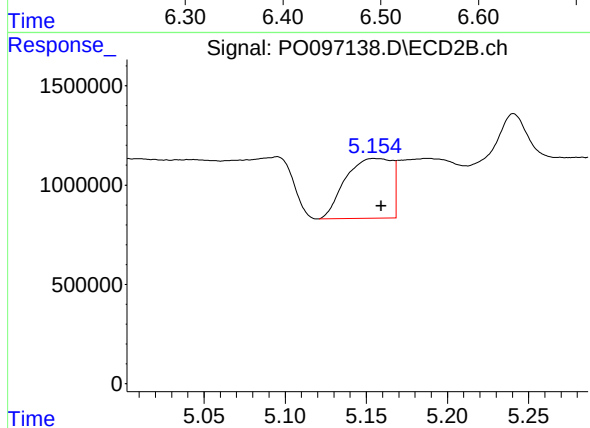
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.010 min
Response: 4008129
Conc: 91.37 ng/ml



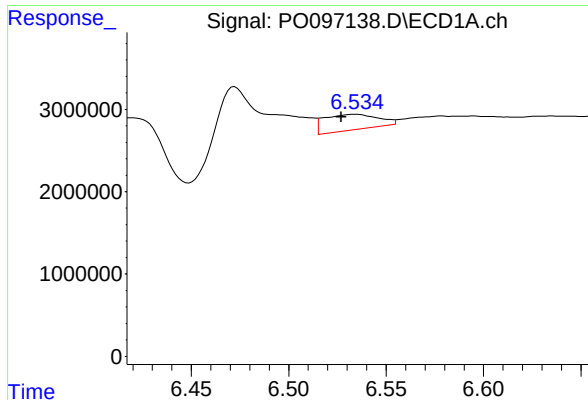
#24 AR-1248-4

R.T.: 6.472 min
Delta R.T.: -0.016 min
Response: 9421813
Conc: 103.71 ng/ml



#24 AR-1248-4

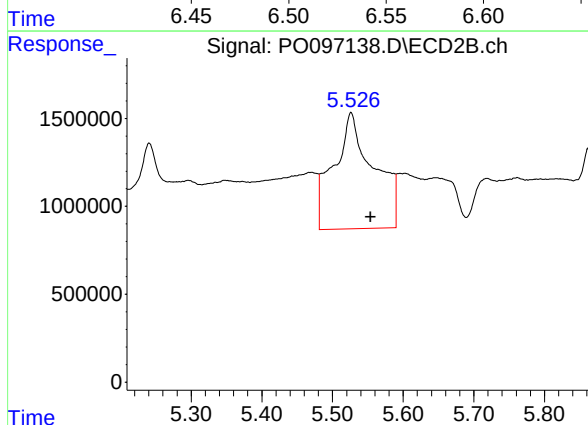
R.T.: 5.155 min
Delta R.T.: -0.004 min
Response: 5988644
Conc: 117.31 ng/ml



#25 AR-1248-5

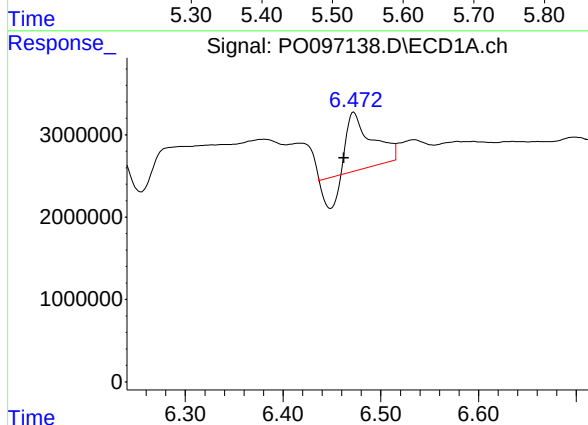
R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 3618791
Conc: 41.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



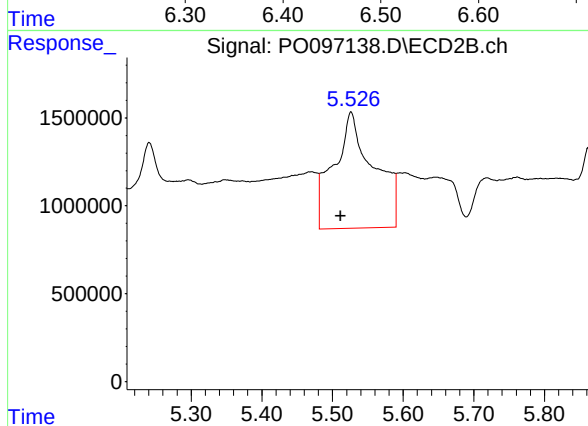
#25 AR-1248-5

R.T.: 5.526 min
Delta R.T.: -0.027 min
Response: 25899235
Conc: 553.97 ng/ml



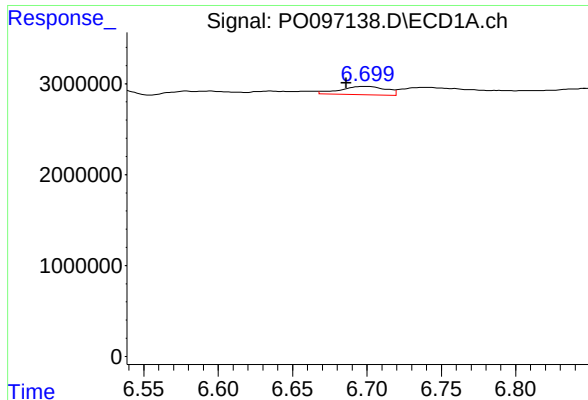
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.010 min
Response: 9421813
Conc: 86.21 ng/ml



#26 AR-1254-1

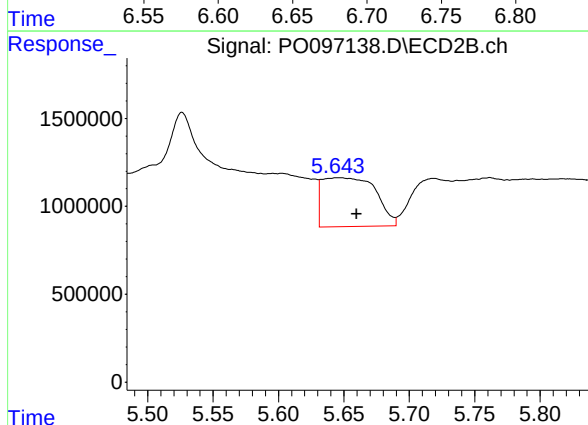
R.T.: 5.526 min
Delta R.T.: 0.015 min
Response: 25899235
Conc: 350.96 ng/ml



#27 AR-1254-2

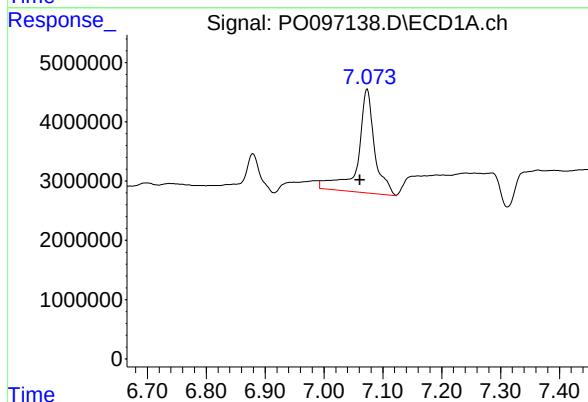
R.T.: 6.699 min
Delta R.T.: 0.013 min
Response: 1968337
Conc: 12.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



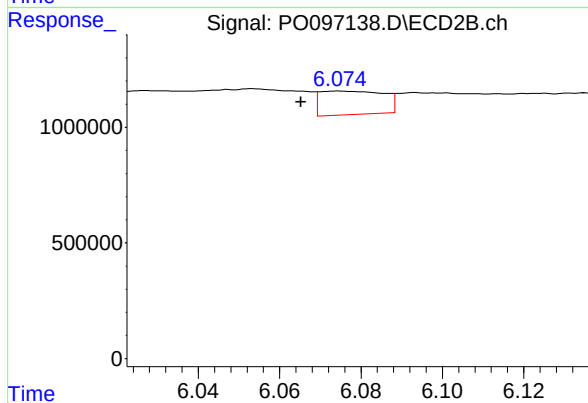
#27 AR-1254-2

R.T.: 5.647 min
Delta R.T.: -0.013 min
Response: 7917300
Conc: 120.18 ng/ml



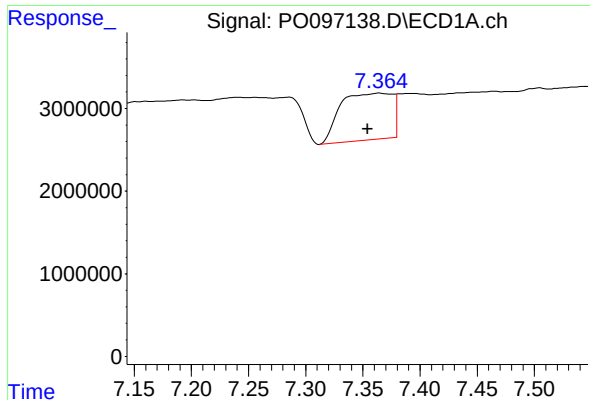
#28 AR-1254-3

R.T.: 7.074 min
Delta R.T.: 0.012 min
Response: 34792987
Conc: 222.04 ng/ml



#28 AR-1254-3

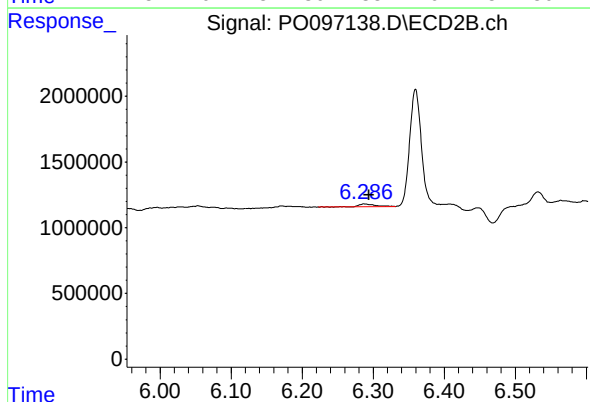
R.T.: 6.075 min
Delta R.T.: 0.009 min
Response: 1104461
Conc: 10.93 ng/ml



#29 AR-1254-4

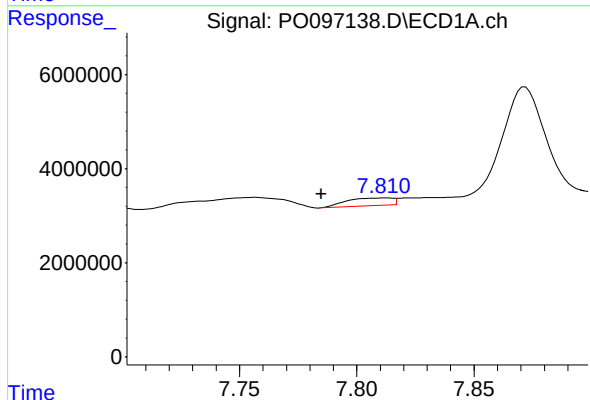
R.T.: 7.364 min
Delta R.T.: 0.010 min
Response: 17874429
Conc: 177.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



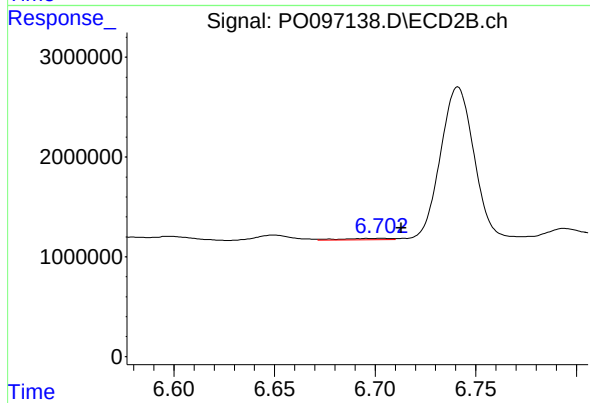
#29 AR-1254-4

R.T.: 6.287 min
Delta R.T.: -0.007 min
Response: 305795
Conc: 5.28 ng/ml



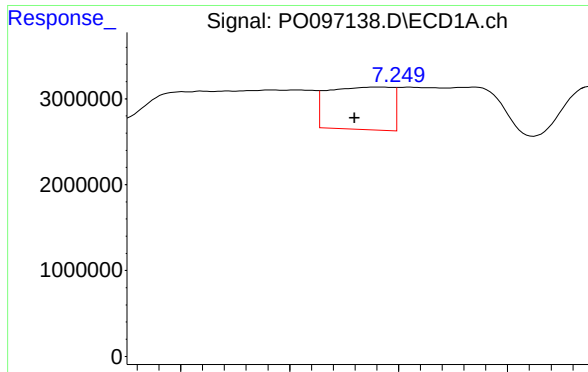
#30 AR-1254-5

R.T.: 7.812 min
Delta R.T.: 0.027 min
Response: 2208312
Conc: 19.68 ng/ml



#30 AR-1254-5

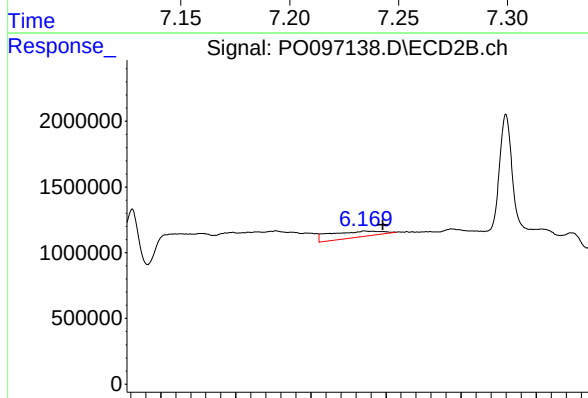
R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 246977
Conc: 2.81 ng/ml



#31 AR-1260-1

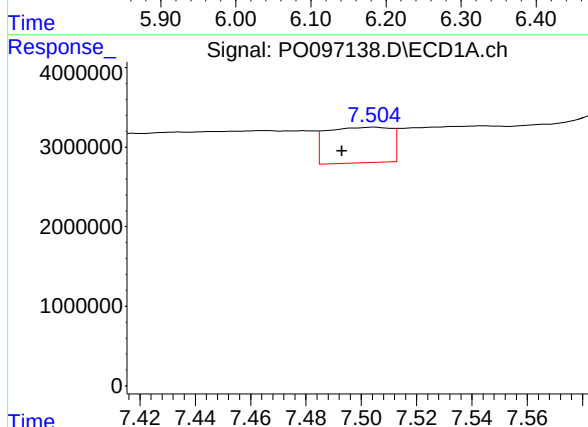
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 10173400
Conc: 80.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



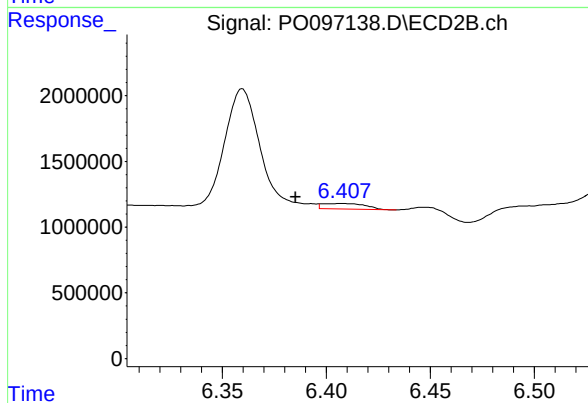
#31 AR-1260-1

R.T.: 6.170 min
Delta R.T.: -0.026 min
Response: 2253645
Conc: 32.03 ng/ml



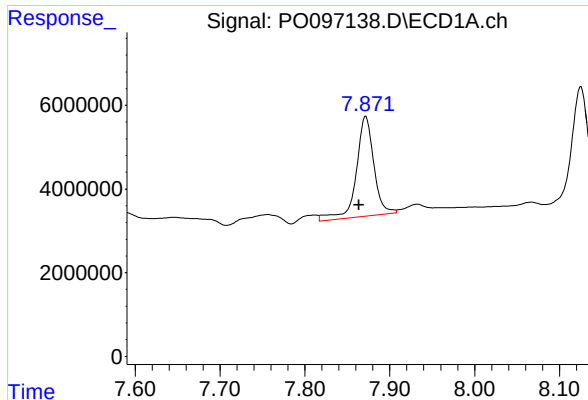
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.012 min
Response: 7252731
Conc: 53.83 ng/ml



#32 AR-1260-2

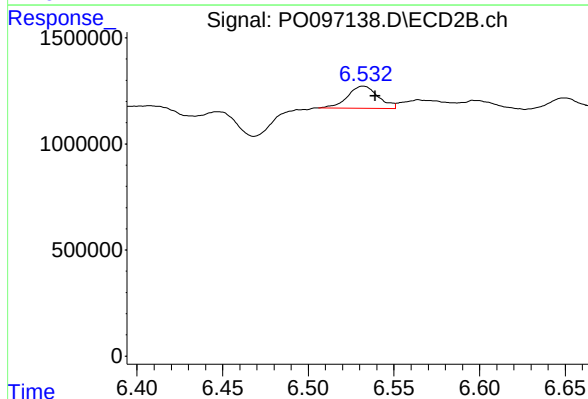
R.T.: 6.407 min
Delta R.T.: 0.022 min
Response: 587963
Conc: 7.04 ng/ml



#33 AR-1260-3

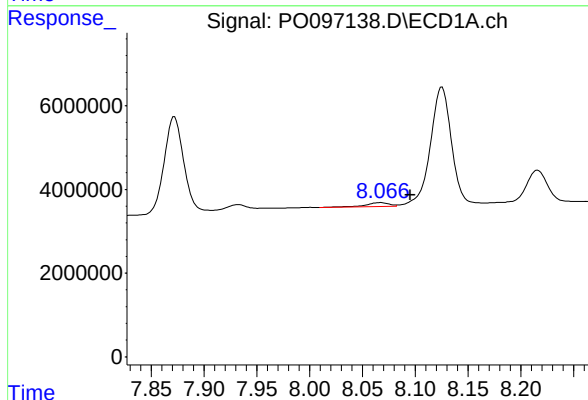
R.T.: 7.872 min
Delta R.T.: 0.008 min
Response: 34219537
Conc: 329.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



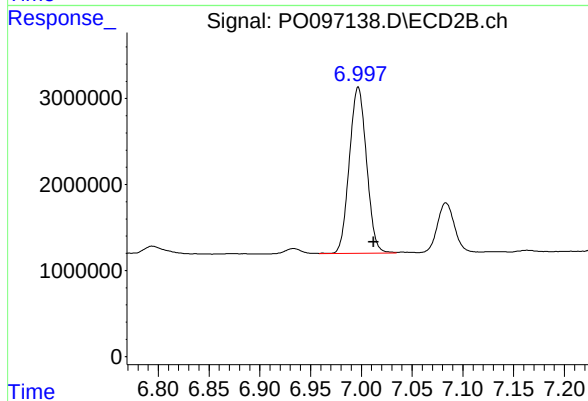
#33 AR-1260-3

R.T.: 6.532 min
Delta R.T.: -0.007 min
Response: 1296921
Conc: 16.80 ng/ml



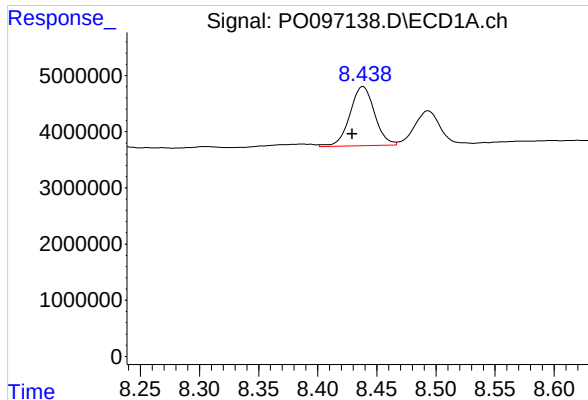
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: -0.029 min
Response: 1496979
Conc: 13.39 ng/ml



#34 AR-1260-4

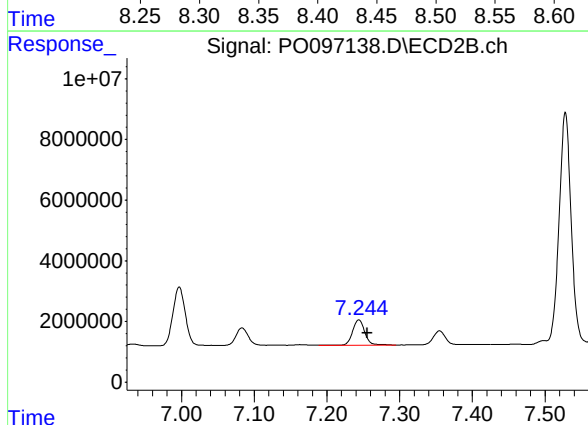
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 22800426
Conc: 355.80 ng/ml



#35 AR-1260-5

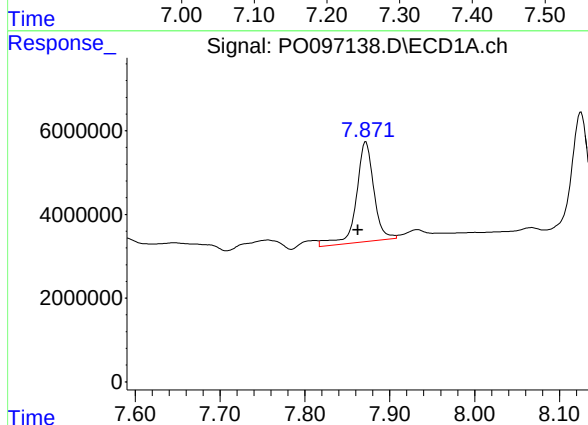
R.T.: 8.438 min
Delta R.T.: 0.009 min
Response: 15199529
Conc: 72.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



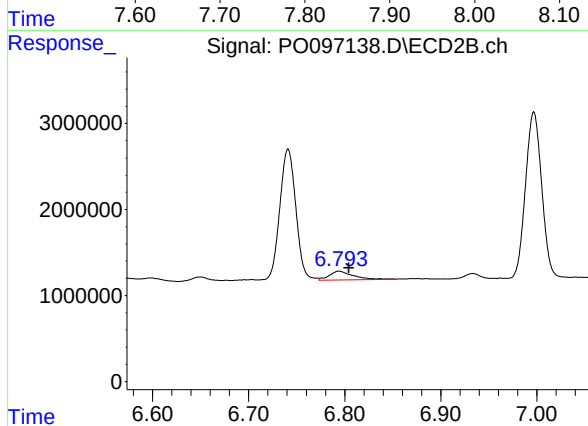
#35 AR-1260-5

R.T.: 7.244 min
Delta R.T.: -0.012 min
Response: 9781138
Conc: 70.55 ng/ml



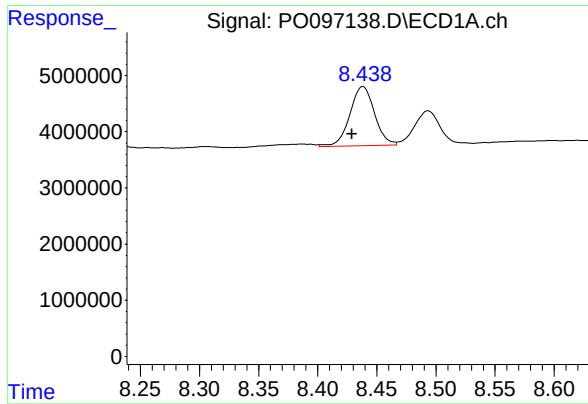
#36 AR-1262-1

R.T.: 7.872 min
Delta R.T.: 0.009 min
Response: 34219537
Conc: 230.39 ng/ml



#36 AR-1262-1

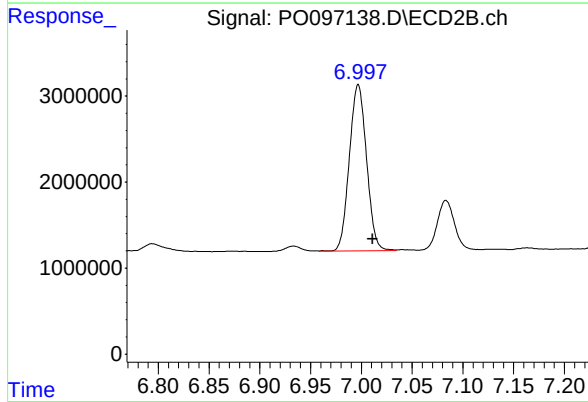
R.T.: 6.794 min
Delta R.T.: -0.010 min
Response: 1819728
Conc: 46.22 ng/ml



#37 AR-1262-2

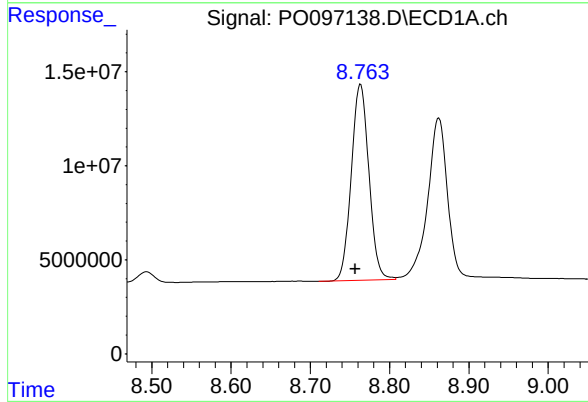
R.T.: 8.438 min
Delta R.T.: 0.009 min
Response: 15199529
Conc: 65.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



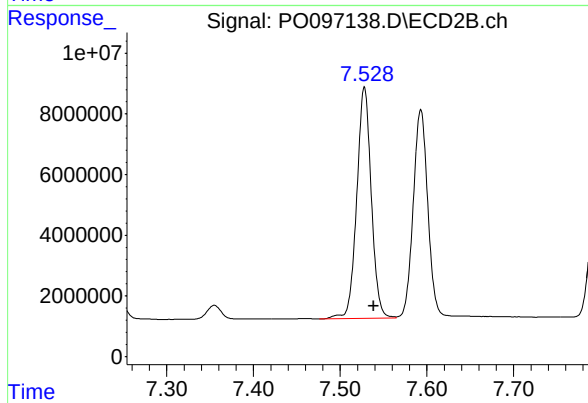
#37 AR-1262-2

R.T.: 6.997 min
Delta R.T.: -0.014 min
Response: 22800426
Conc: 281.12 ng/ml



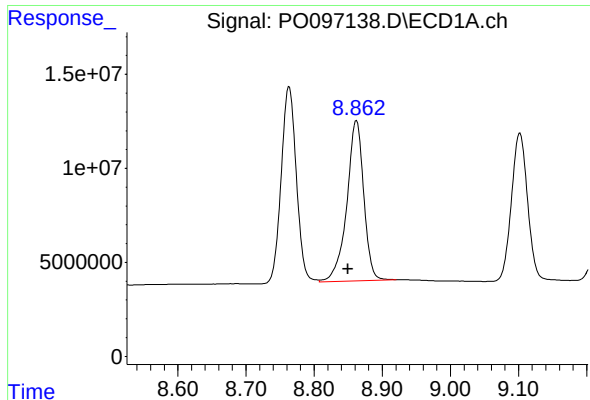
#38 AR-1262-3

R.T.: 8.763 min
Delta R.T.: 0.007 min
Response: 160992120
Conc: 965.19 ng/ml



#38 AR-1262-3

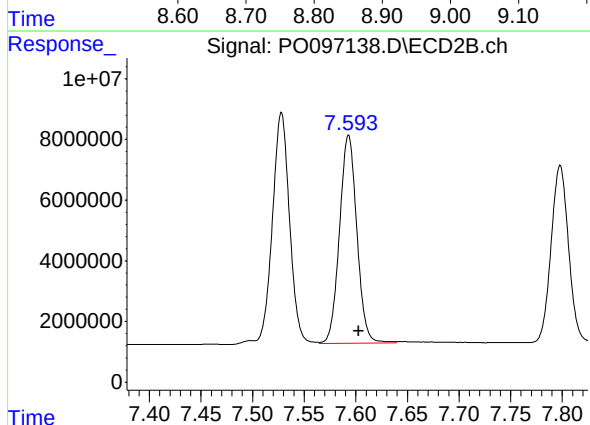
R.T.: 7.528 min
Delta R.T.: -0.011 min
Response: 88808786
Conc: 1383.89 ng/ml



#39 AR-1262-4

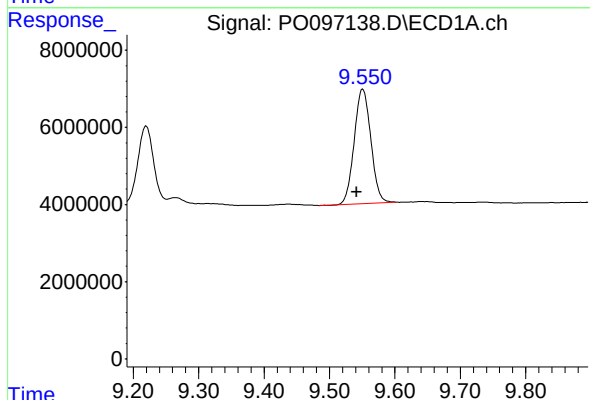
R.T.: 8.862 min
Delta R.T.: 0.012 min
Response: 147052916
Conc: 2016.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



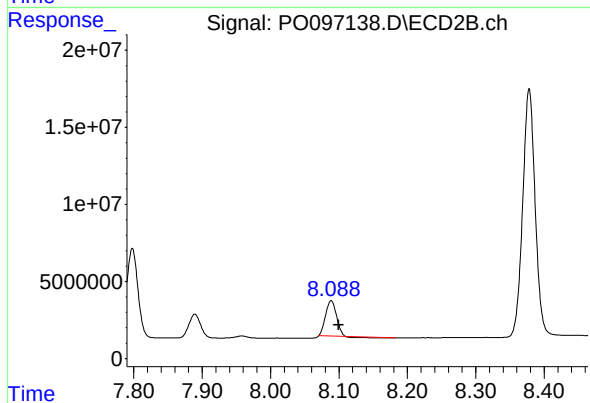
#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 80207019
Conc: 706.04 ng/ml



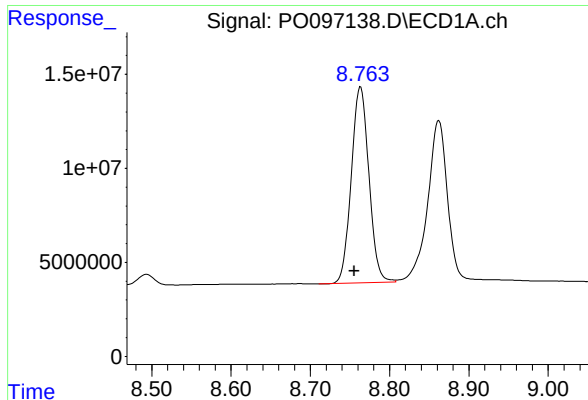
#40 AR-1262-5

R.T.: 9.551 min
Delta R.T.: 0.010 min
Response: 52245735
Conc: 627.36 ng/ml



#40 AR-1262-5

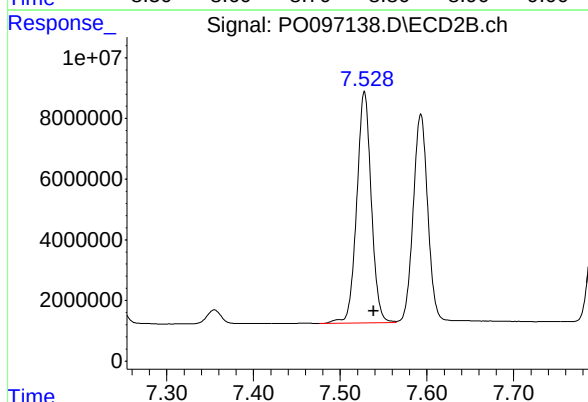
R.T.: 8.089 min
Delta R.T.: -0.011 min
Response: 24001696
Conc: 457.02 ng/ml



#41 AR-1268-1

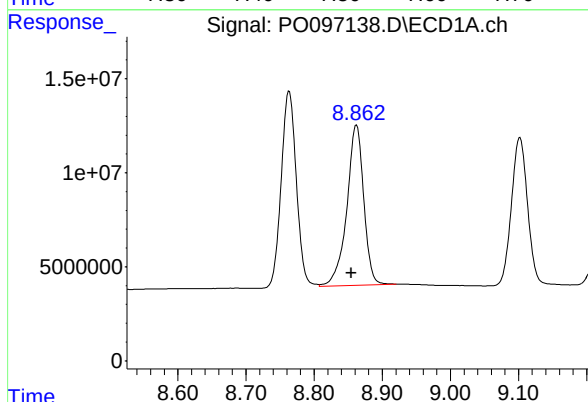
R.T.: 8.763 min
Delta R.T.: 0.008 min
Response: 160992120
Conc: 523.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



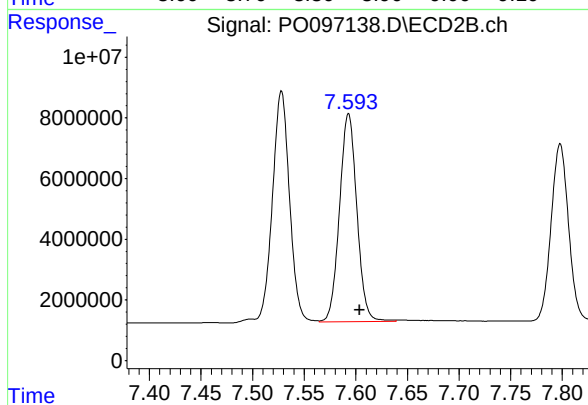
#41 AR-1268-1

R.T.: 7.528 min
Delta R.T.: -0.010 min
Response: 88808786
Conc: 479.30 ng/ml



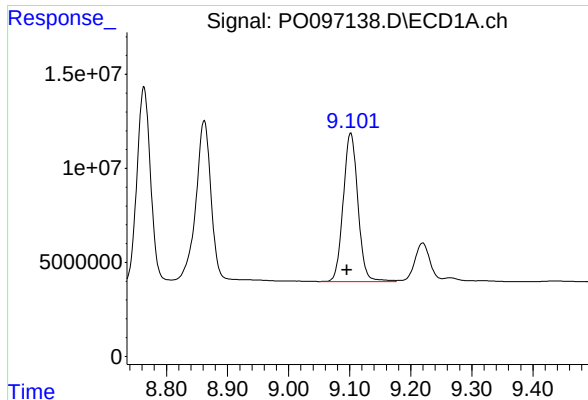
#42 AR-1268-2

R.T.: 8.862 min
Delta R.T.: 0.007 min
Response: 147052916
Conc: 536.31 ng/ml



#42 AR-1268-2

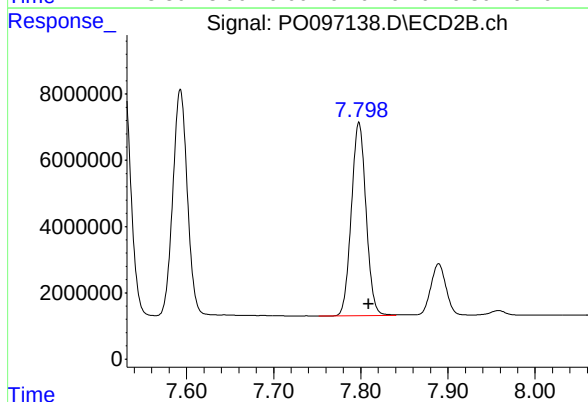
R.T.: 7.593 min
Delta R.T.: -0.011 min
Response: 80207019
Conc: 478.31 ng/ml



#43 AR-1268-3

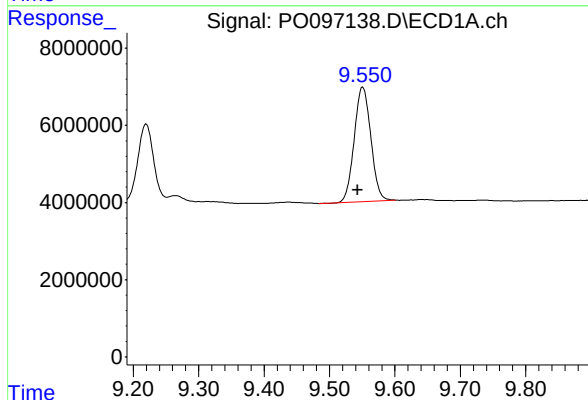
R.T.: 9.102 min
Delta R.T.: 0.006 min
Response: 132098396
Conc: 517.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



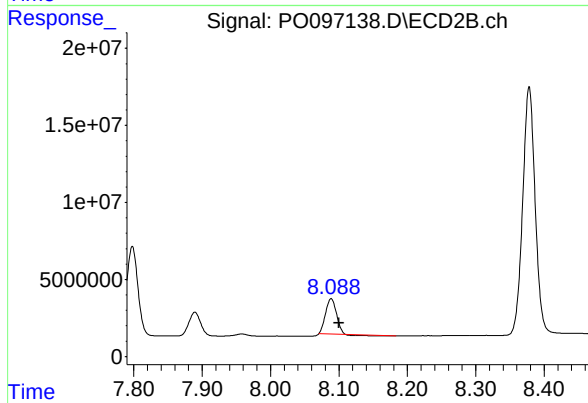
#43 AR-1268-3

R.T.: 7.798 min
Delta R.T.: -0.011 min
Response: 68302499
Conc: 472.74 ng/ml



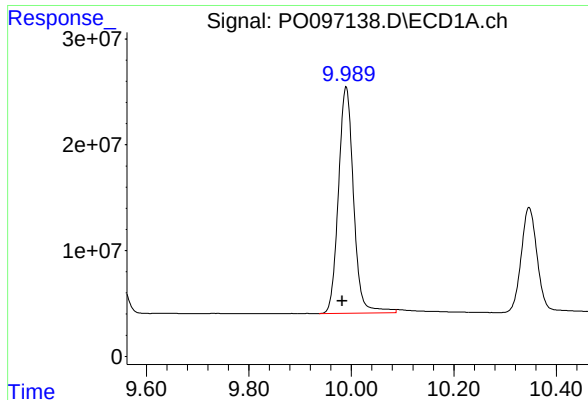
#44 AR-1268-4

R.T.: 9.551 min
Delta R.T.: 0.008 min
Response: 52245735
Conc: 563.52 ng/ml



#44 AR-1268-4

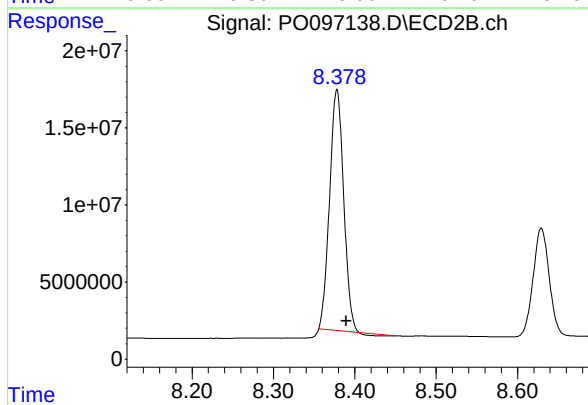
R.T.: 8.089 min
Delta R.T.: -0.011 min
Response: 24001696
Conc: 402.89 ng/ml



#45 AR-1268-5

R.T.: 9.990 min
Delta R.T.: 0.007 min
Response: 436061664
Conc: 539.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.012 min
Response: 186393104
Conc: 448.13 ng/ml