

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 02:30
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 05:00:46 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...	4.408	3.613	157.6E6	63328967	47.620	47.839
2) SA Decachlor...	10.343	8.624	110.5E6	50099952	50.499	43.304
Target Compounds						
3) L1 AR-1016-1	5.593	4.715	40252399	25882743	427.382	583.786 #
4) L1 AR-1016-2	5.617	4.715	57254587	25882743	427.994	423.123
5) L1 AR-1016-3	5.680	4.891	35411304	14115399	406.928	432.081
6) L1 AR-1016-4	5.780	4.934	27975320	11495966	416.483	402.148
7) L1 AR-1016-5	6.082	5.147	28905049	16160261	414.012	420.332
8) L2 AR-1221-1	4.616	3.824	5384587	2157392	132.121	124.295
9) L2 AR-1221-2	4.707	3.911	7883046	3250934	259.483	251.606
10) L2 AR-1221-3	4.784	3.987	25301015	11088857	289.050	279.358
11) L3 AR-1232-1	4.784	3.987	25301015	11088857	346.905	342.808
12) L3 AR-1232-2	5.321	4.715	32980673	25882743	831.881	897.070
13) L3 AR-1232-3	5.617	4.891	57254587	14115399	935.951	930.980
14) L3 AR-1232-4	5.780	4.975	27975320	14910154	916.808	997.691
15) L3 AR-1232-5	5.873	5.147	24978567	16160261	892.628	988.590
16) L4 AR-1242-1	5.593	4.715	40252399	25882743	480.242	656.506 #
17) L4 AR-1242-2	5.617	4.715	57254587	25882743	486.190	474.992
18) L4 AR-1242-3	5.680	4.891	35411304	14115399	479.357	477.378
19) L4 AR-1242-4	5.780	4.975	27975320	14910154	469.934	473.130
20) L4 AR-1242-5	6.535	5.499	26537754	17084517	482.332	468.889
21) L5 AR-1248-1	5.593	4.715	40252399	25882743	686.971	922.324 #
22) L5 AR-1248-2	5.873	4.934	24978567	11495966	265.680	271.253
23) L5 AR-1248-3	6.082	4.975	28905049	14910154	295.526	339.910
24) L5 AR-1248-4	6.494	5.147	26201336	16160261	288.423	316.558
25) L5 AR-1248-5	6.535	5.540	26537754	14609331	301.271	312.487
26) L6 AR-1254-1	6.466	5.499	19228260	17084517	175.937	231.509 #
27) L6 AR-1254-2	6.695	5.647	23513428	4910083	145.840	74.530 #
28) L6 AR-1254-3	7.070	6.051	14029190	5610113	89.531	55.511 #
29) L6 AR-1254-4	7.362	6.281	9347480	4005051	92.716	69.202 #
30) L6 AR-1254-5	7.793	6.701	9540388	2706290	85.019	30.783 #
31) L7 AR-1260-1	7.238	6.196	821924	1858822	6.539	26.416 #
32) L7 AR-1260-2	7.501	6.371	4863862	619342	36.099	7.421 #
33) L7 AR-1260-3	7.859	6.522	744155	785452	7.171	10.172 #
34) L7 AR-1260-4	8.096	7.036	1143191	7061374	10.225	110.193 #
35) L7 AR-1260-5	8.433	7.266	4019956	184504	19.144	1.331 #
36) L8 AR-1262-1	7.859	6.804	744155	4209689	5.010	106.930 #
37) L8 AR-1262-2	8.433	7.036	4019956	7061374	17.367	87.064 #
38) L8 AR-1262-3	8.749	7.587f	181184	563908	1.086	8.787 #
39) L8 AR-1262-4	8.843	7.587	563055	563908	7.723	4.964 #
40) L8 AR-1262-5	9.569	8.150f	34768	2955951	0.417	56.285 #
41) L9 AR-1268-1	8.749	7.587f	181184	563908	0.589	3.043 #

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 Quant Time: Aug 22 05:00:46 2023
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 Quant Title : GC EXTRACTABLES
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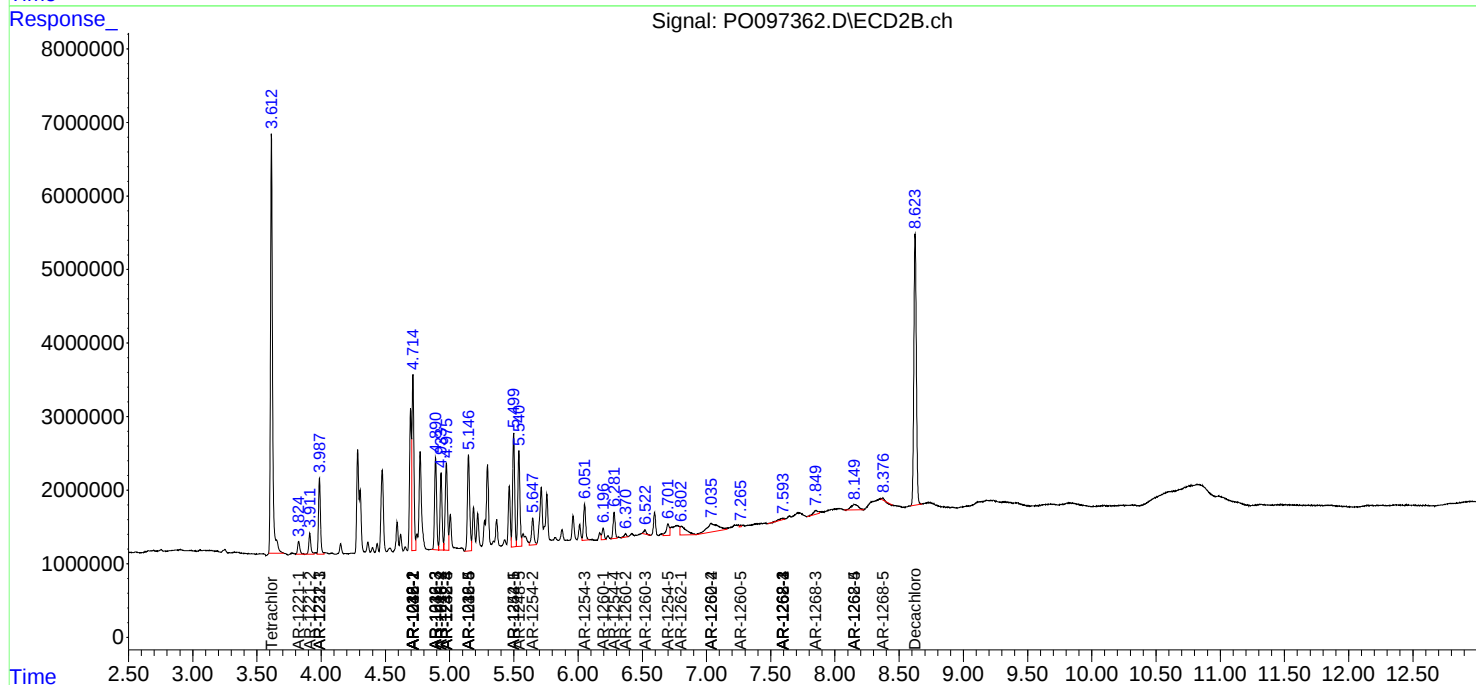
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

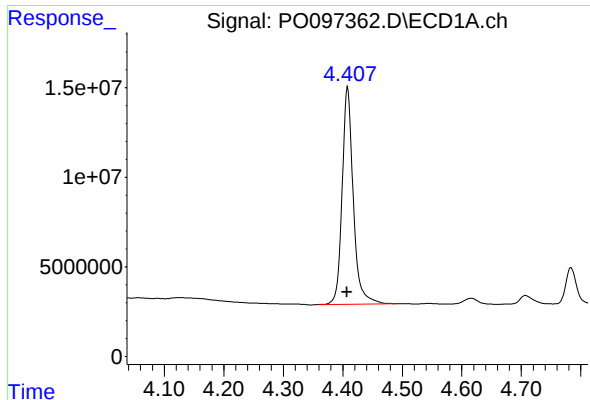
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.843	7.587	563055	563908	2.053	3.363 #
43) L9	AR-1268-3	9.095	7.851f	1140626	1292559	4.466	8.946 #
44) L9	AR-1268-4	9.569	8.150f	34768	2955951	0.375	49.619 #
45) L9	AR-1268-5	9.985	8.375	1583042	65780	1.960	0.158 #

(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

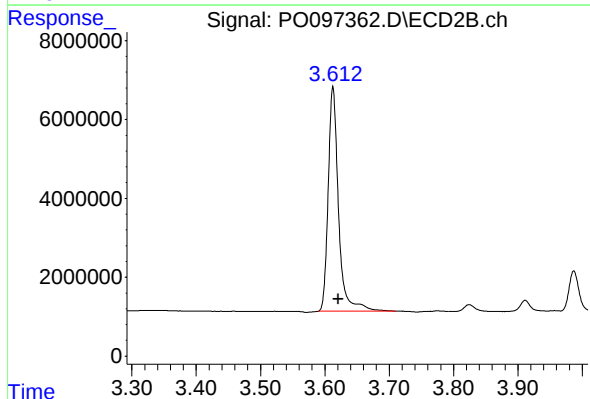




#1 Tetrachloro-m-xylene

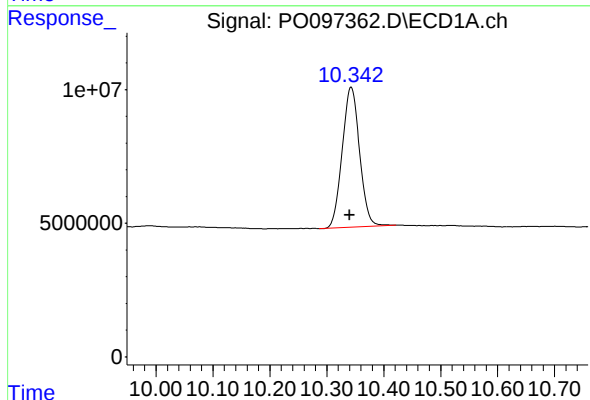
R.T.: 4.408 min
Delta R.T.: 0.001 min
Response: 157631161
Conc: 47.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



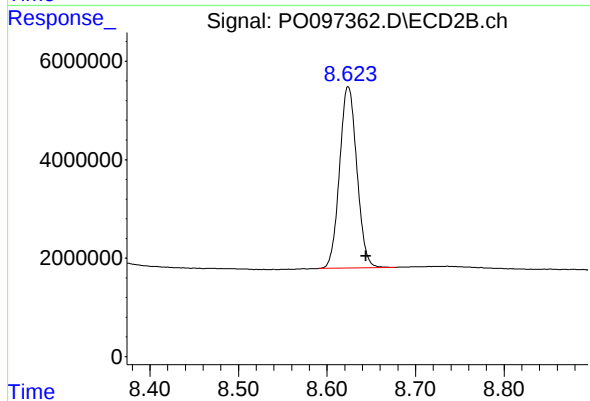
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 63328967
Conc: 47.84 ng/ml



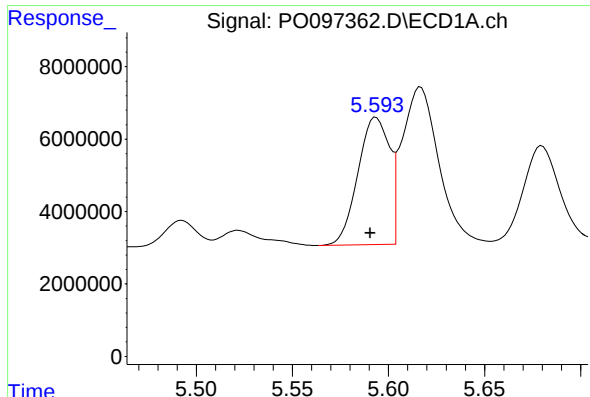
#2 Decachlorobiphenyl

R.T.: 10.343 min
Delta R.T.: 0.003 min
Response: 110501872
Conc: 50.50 ng/ml



#2 Decachlorobiphenyl

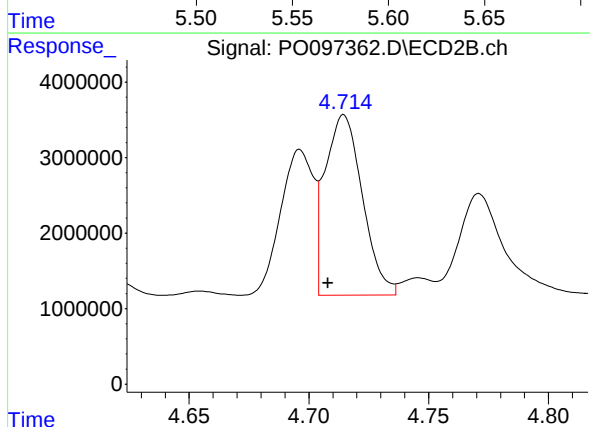
R.T.: 8.624 min
Delta R.T.: -0.020 min
Response: 50099952
Conc: 43.30 ng/ml



#3 AR-1016-1

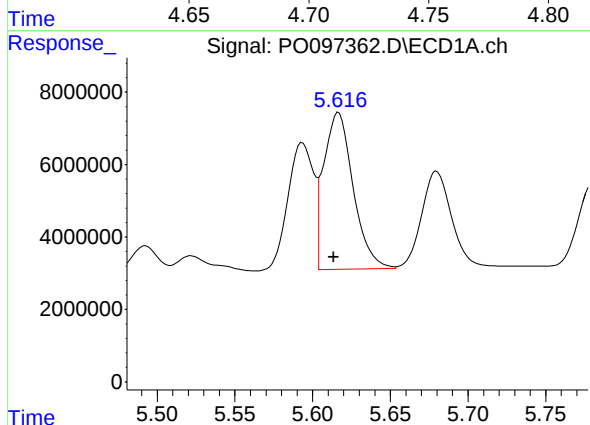
R.T.: 5.593 min
Delta R.T.: 0.003 min
Response: 40252399
Conc: 427.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



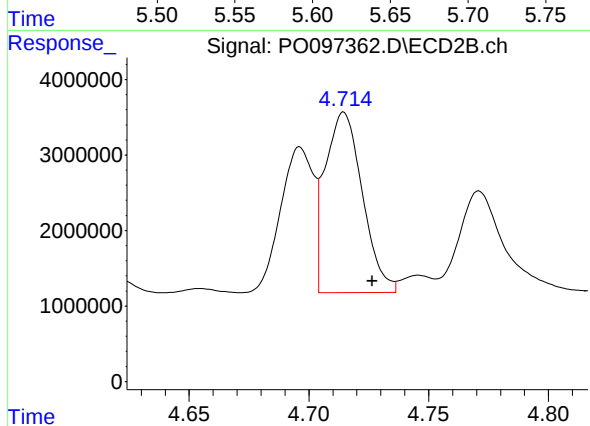
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 25882743
Conc: 583.79 ng/ml



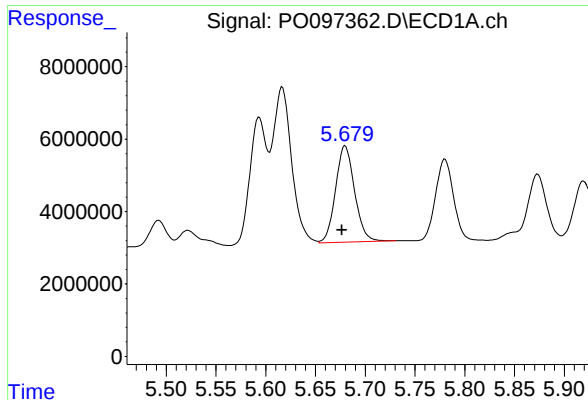
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: 0.003 min
Response: 57254587
Conc: 427.99 ng/ml



#4 AR-1016-2

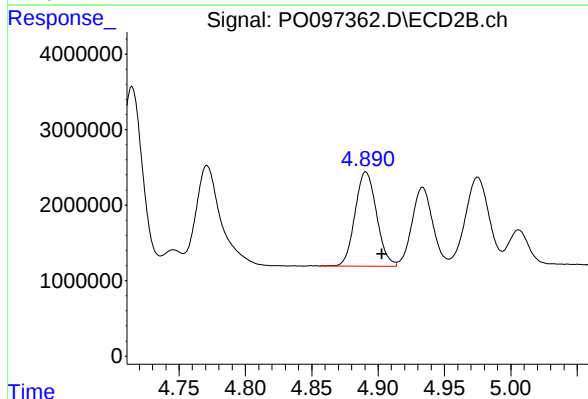
R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 25882743
Conc: 423.12 ng/ml



#5 AR-1016-3

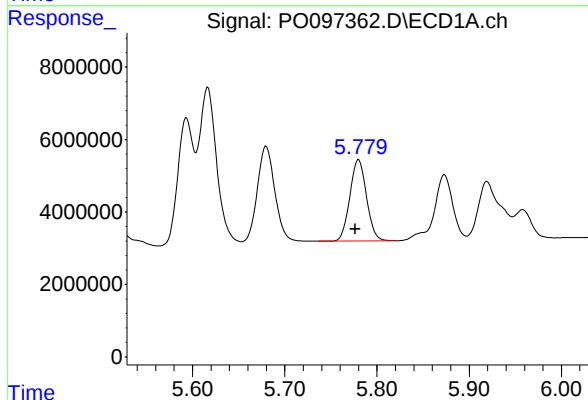
R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 35411304
Conc: 406.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



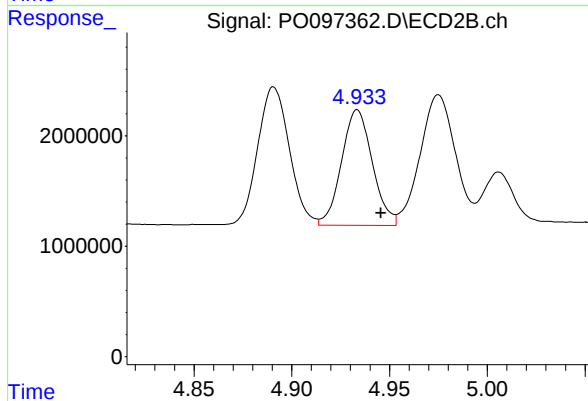
#5 AR-1016-3

R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 14115399
Conc: 432.08 ng/ml



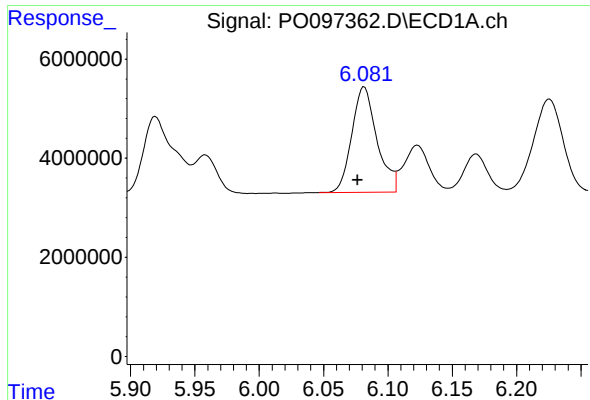
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 27975320
Conc: 416.48 ng/ml



#6 AR-1016-4

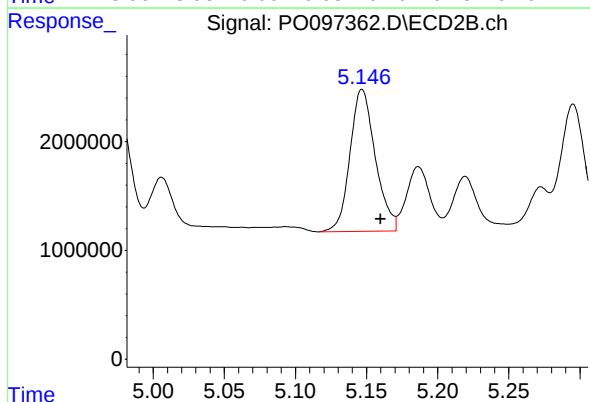
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 11495966
Conc: 402.15 ng/ml



#7 AR-1016-5

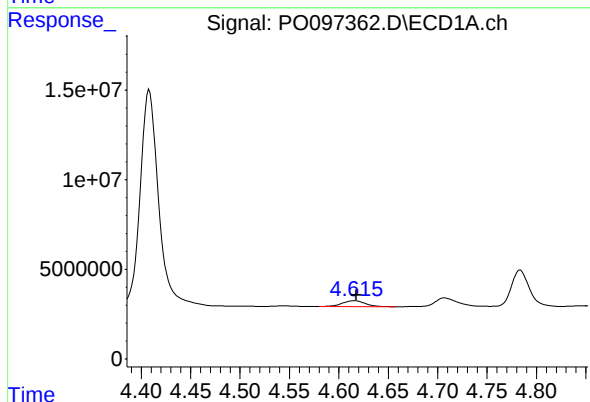
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 28905049
Conc: 414.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



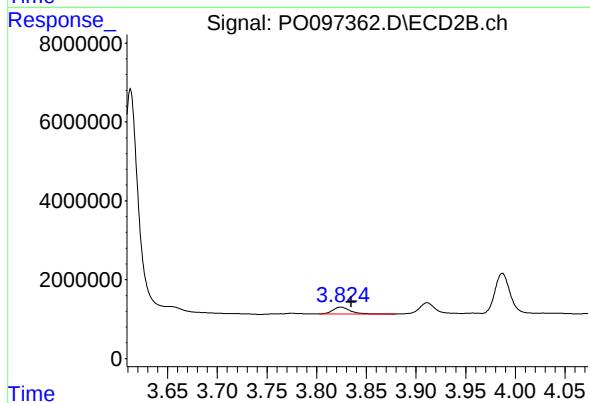
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.013 min
Response: 16160261
Conc: 420.33 ng/ml



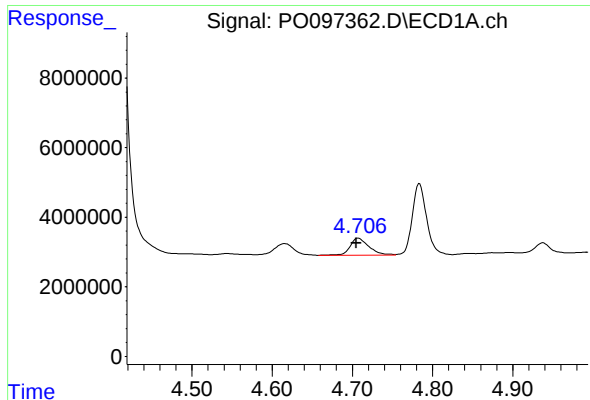
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.002 min
Response: 5384587
Conc: 132.12 ng/ml



#8 AR-1221-1

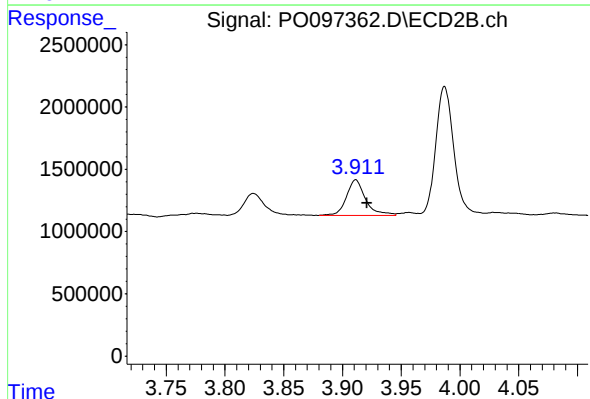
R.T.: 3.824 min
Delta R.T.: -0.011 min
Response: 2157392
Conc: 124.29 ng/ml



#9 AR-1221-2

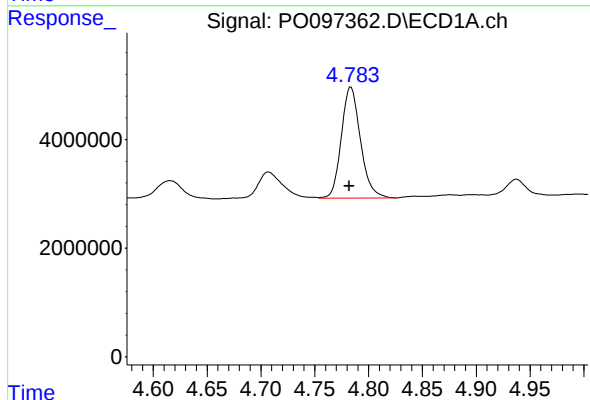
R.T.: 4.707 min
Delta R.T.: 0.002 min
Response: 7883046
Conc: 259.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



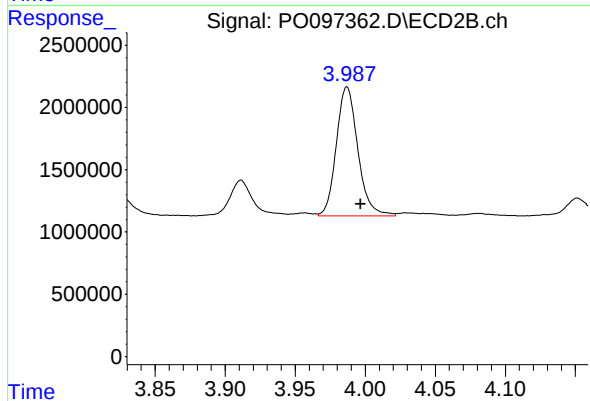
#9 AR-1221-2

R.T.: 3.911 min
Delta R.T.: -0.010 min
Response: 3250934
Conc: 251.61 ng/ml



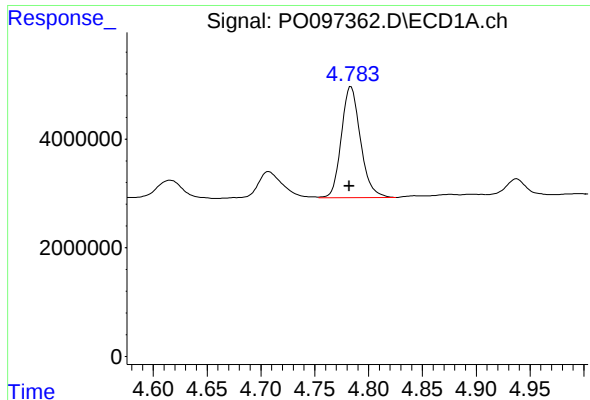
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.001 min
Response: 25301015
Conc: 289.05 ng/ml



#10 AR-1221-3

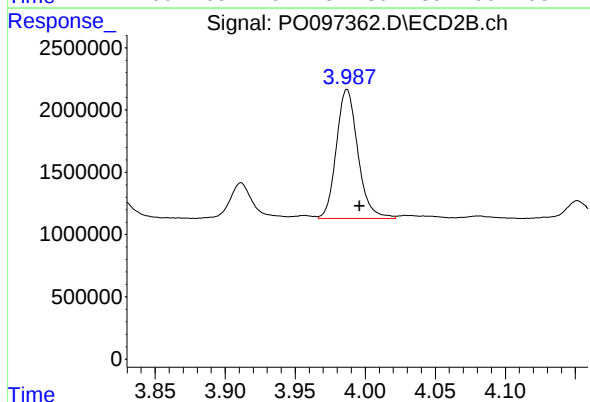
R.T.: 3.987 min
Delta R.T.: -0.010 min
Response: 11088857
Conc: 279.36 ng/ml



#11 AR-1232-1

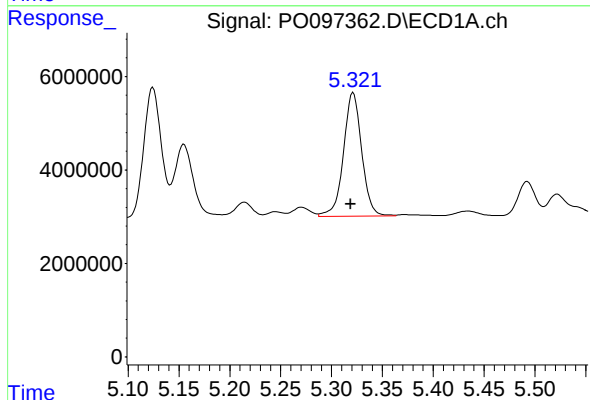
R.T.: 4.784 min
Delta R.T.: 0.001 min
Response: 25301015
Conc: 346.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



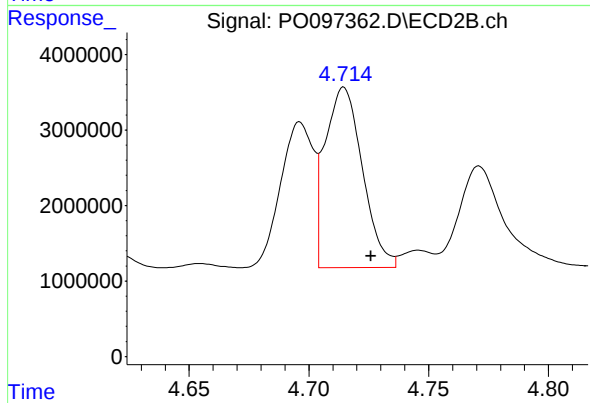
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.009 min
Response: 11088857
Conc: 342.81 ng/ml



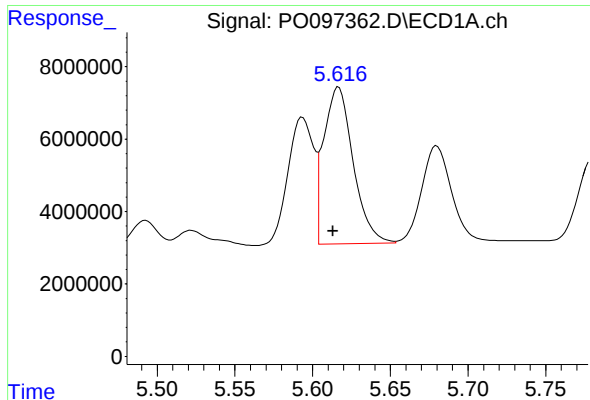
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: 0.002 min
Response: 32980673
Conc: 831.88 ng/ml



#12 AR-1232-2

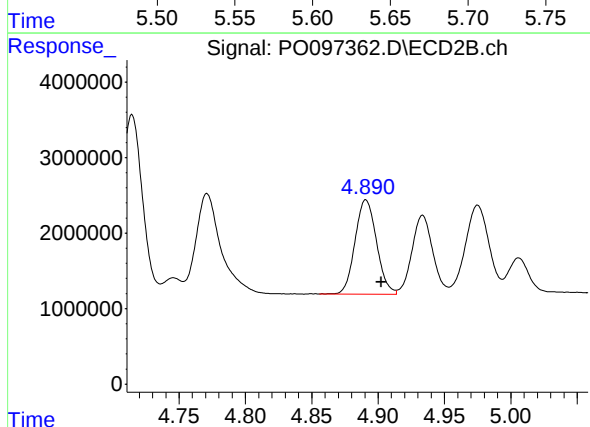
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 25882743
Conc: 897.07 ng/ml



#13 AR-1232-3

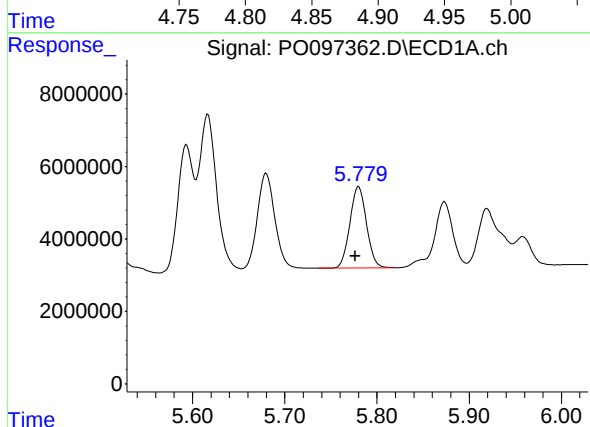
R.T.: 5.617 min
Delta R.T.: 0.004 min
Response: 57254587
Conc: 935.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



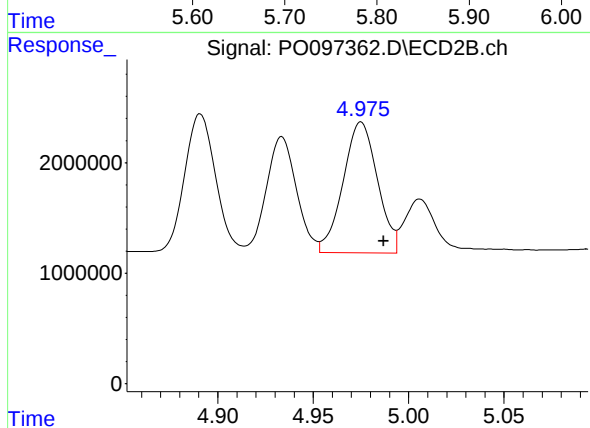
#13 AR-1232-3

R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 14115399
Conc: 930.98 ng/ml



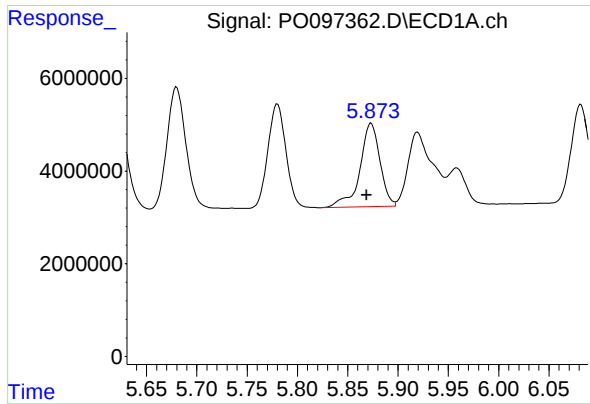
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 27975320
Conc: 916.81 ng/ml



#14 AR-1232-4

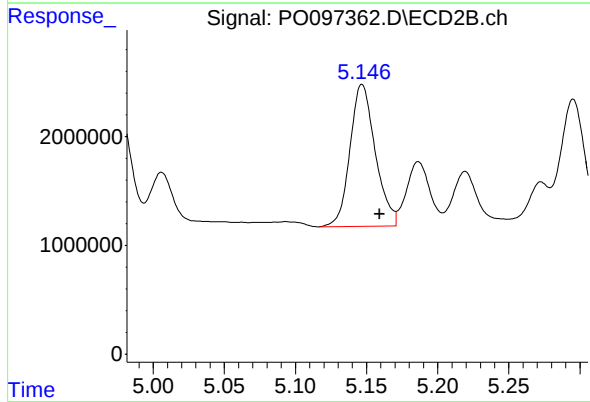
R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 14910154
Conc: 997.69 ng/ml



#15 AR-1232-5

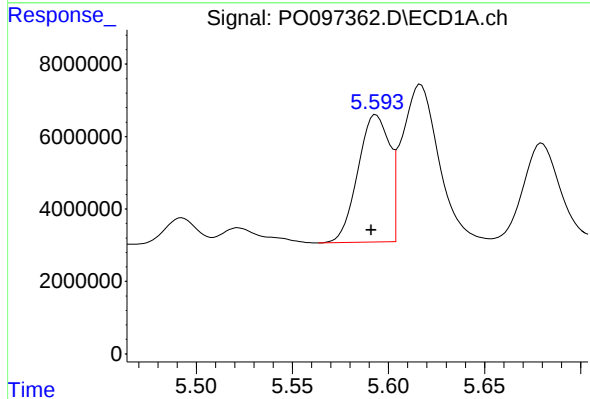
R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 24978567
Conc: 892.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



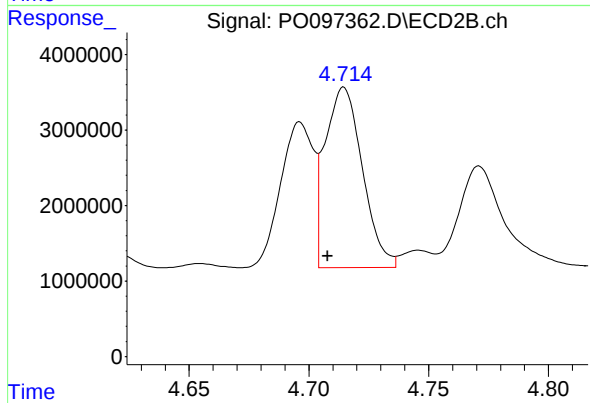
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 16160261
Conc: 988.59 ng/ml



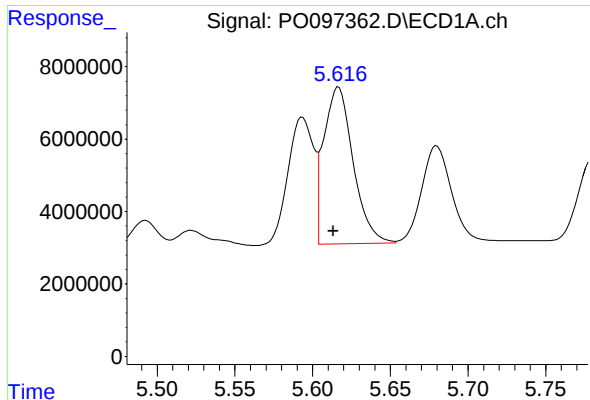
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 40252399
Conc: 480.24 ng/ml



#16 AR-1242-1

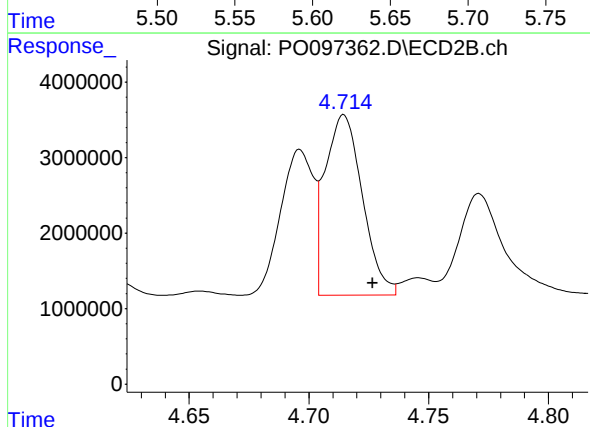
R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 25882743
Conc: 656.51 ng/ml



#17 AR-1242-2

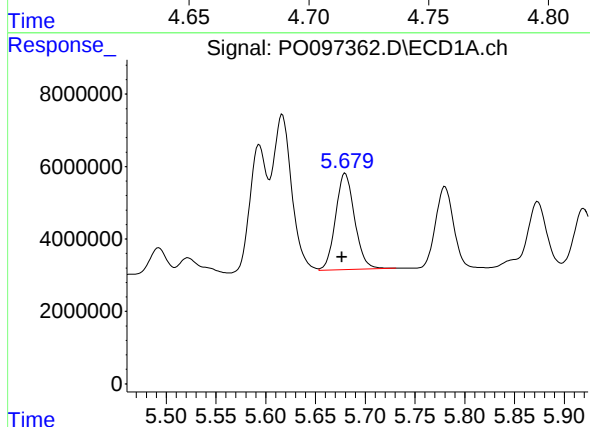
R.T.: 5.617 min
Delta R.T.: 0.003 min
Response: 57254587
Conc: 486.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



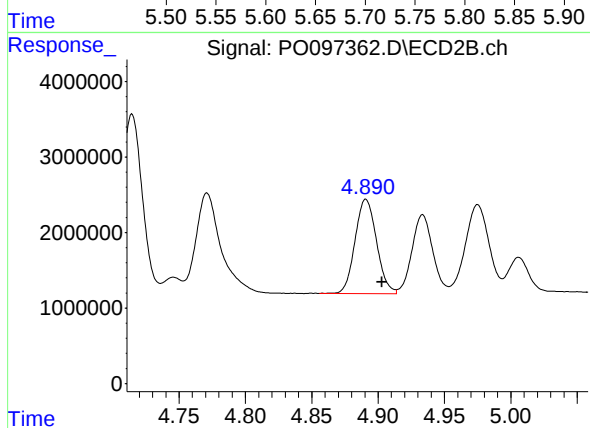
#17 AR-1242-2

R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 25882743
Conc: 474.99 ng/ml



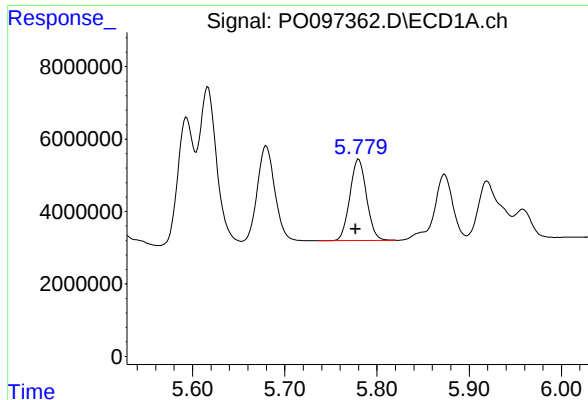
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 35411304
Conc: 479.36 ng/ml



#18 AR-1242-3

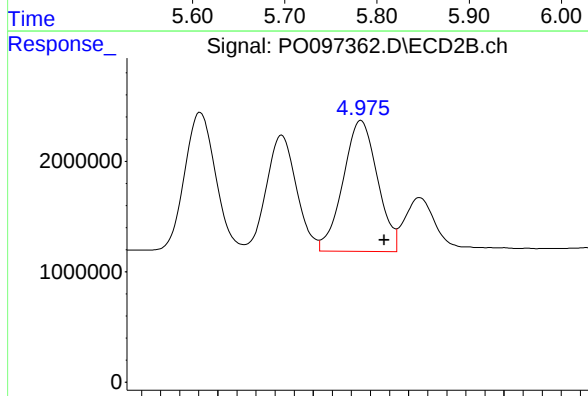
R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 14115399
Conc: 477.38 ng/ml



#19 AR-1242-4

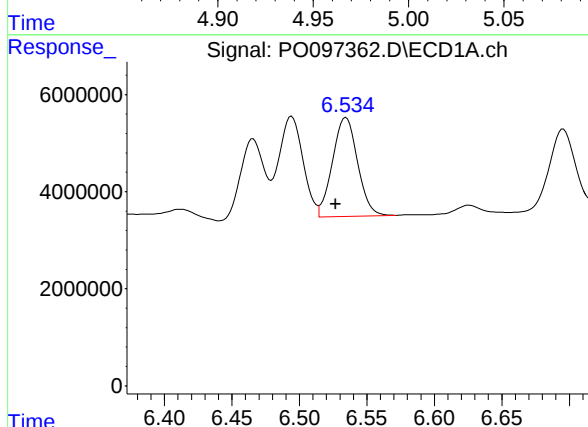
R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 27975320
Conc: 469.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



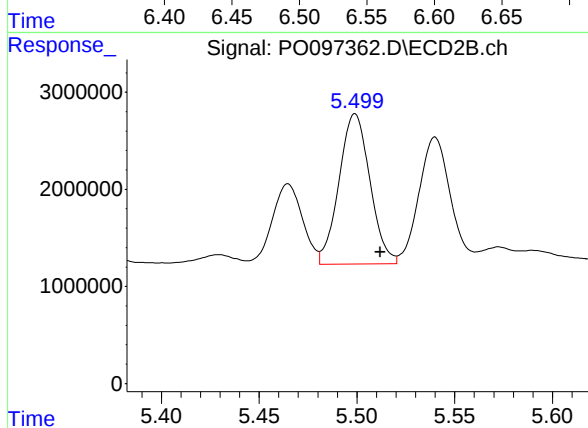
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 14910154
Conc: 473.13 ng/ml



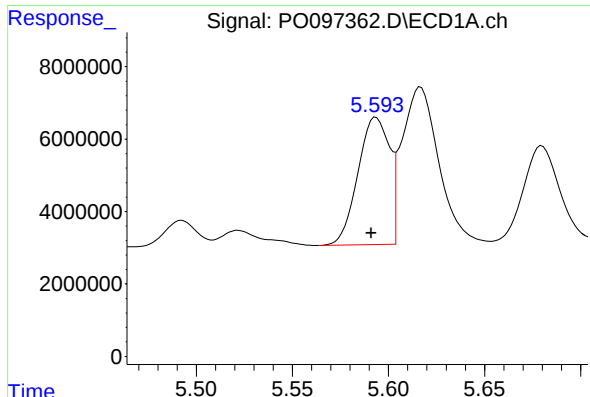
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 26537754
Conc: 482.33 ng/ml



#20 AR-1242-5

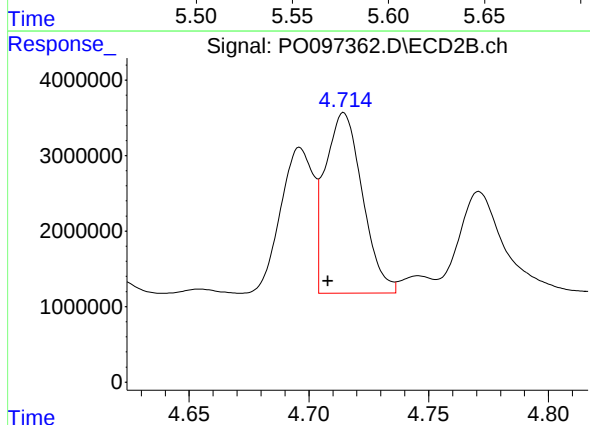
R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 17084517
Conc: 468.89 ng/ml



#21 AR-1248-1

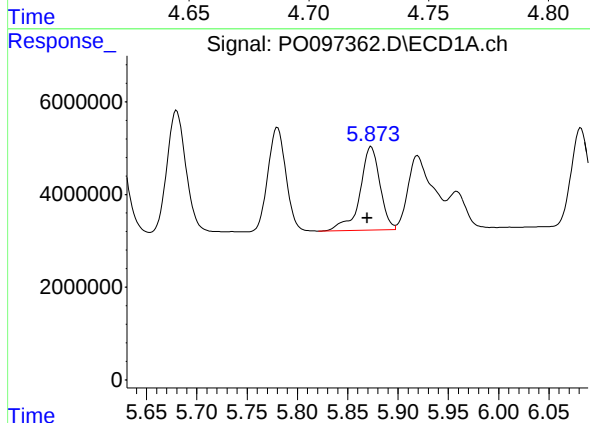
R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 40252399
Conc: 686.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



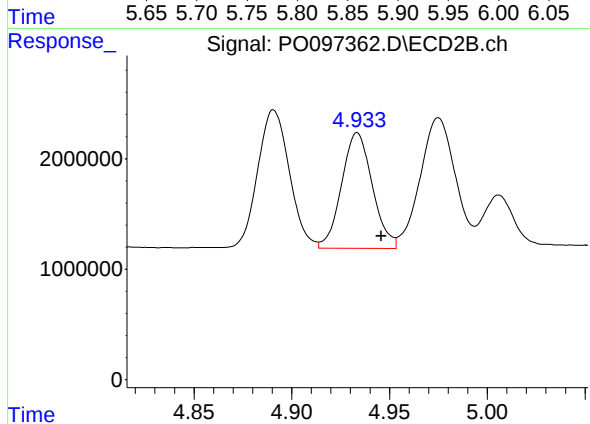
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 25882743
Conc: 922.32 ng/ml



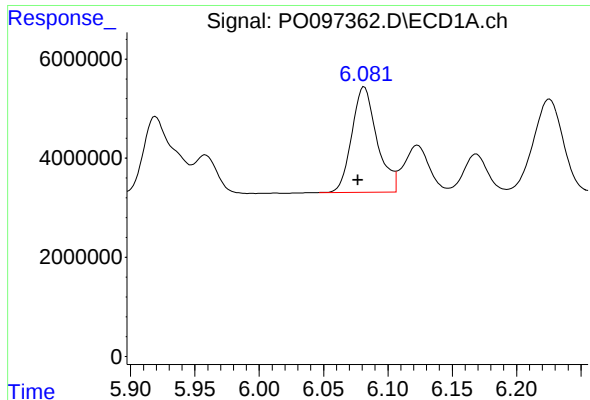
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 24978567
Conc: 265.68 ng/ml



#22 AR-1248-2

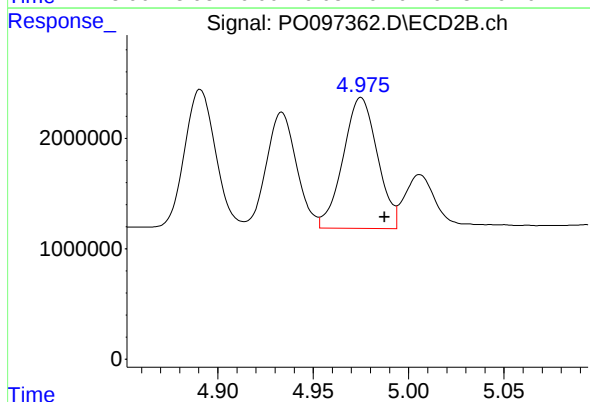
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 11495966
Conc: 271.25 ng/ml



#23 AR-1248-3

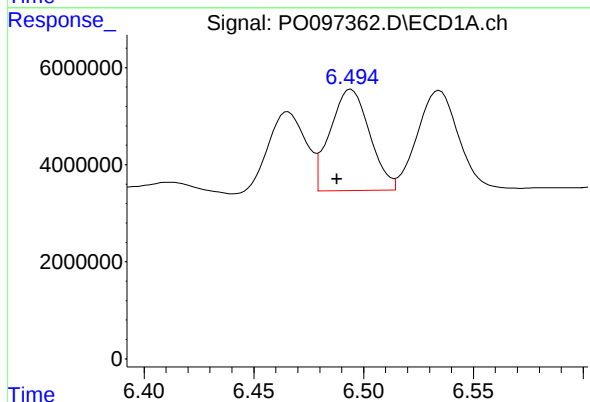
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 28905049
Conc: 295.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



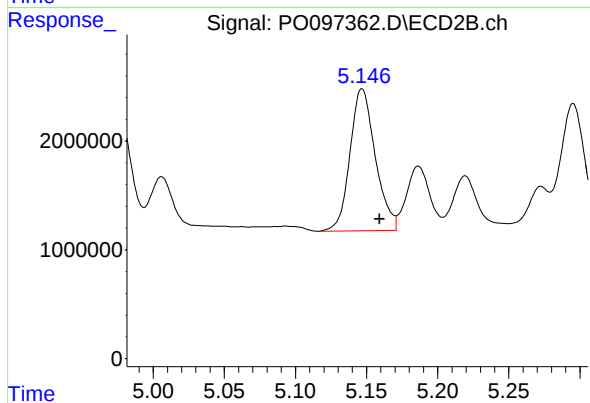
#23 AR-1248-3

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 14910154
Conc: 339.91 ng/ml



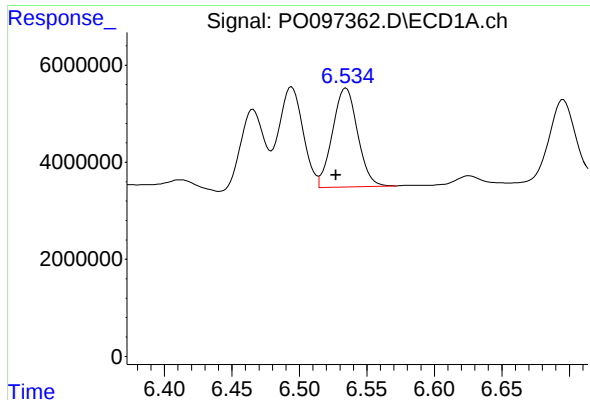
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: 0.006 min
Response: 26201336
Conc: 288.42 ng/ml



#24 AR-1248-4

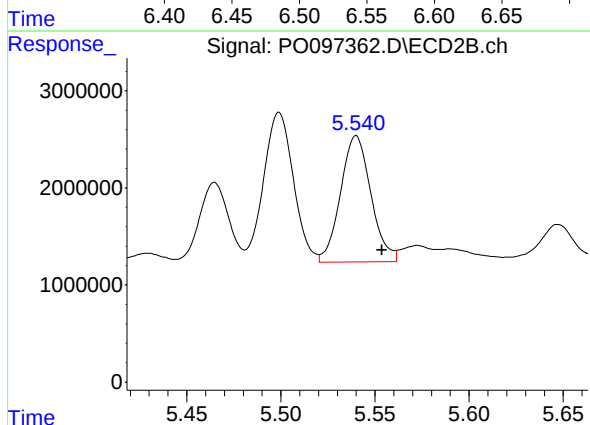
R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 16160261
Conc: 316.56 ng/ml



#25 AR-1248-5

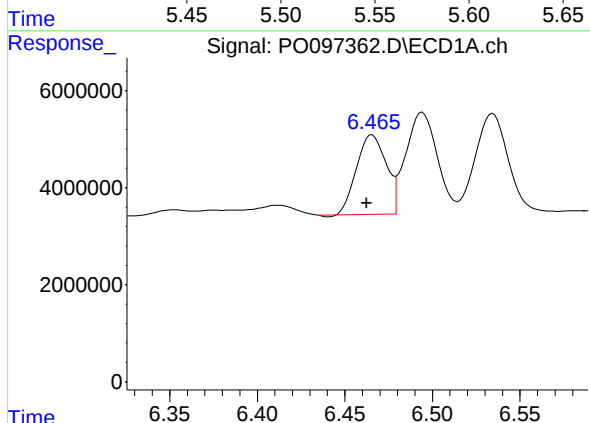
R.T.: 6.535 min
Delta R.T.: 0.007 min
Response: 26537754
Conc: 301.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



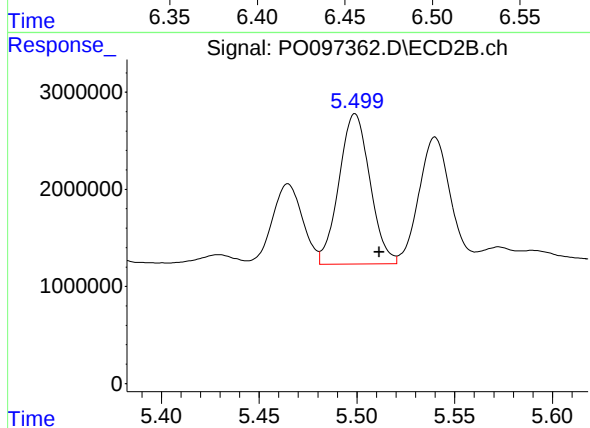
#25 AR-1248-5

R.T.: 5.540 min
Delta R.T.: -0.014 min
Response: 14609331
Conc: 312.49 ng/ml



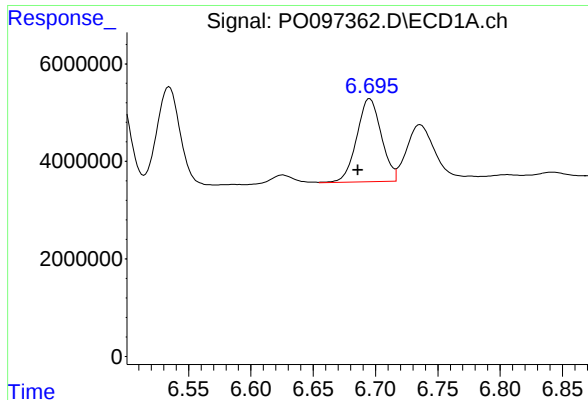
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: 0.003 min
Response: 19228260
Conc: 175.94 ng/ml



#26 AR-1254-1

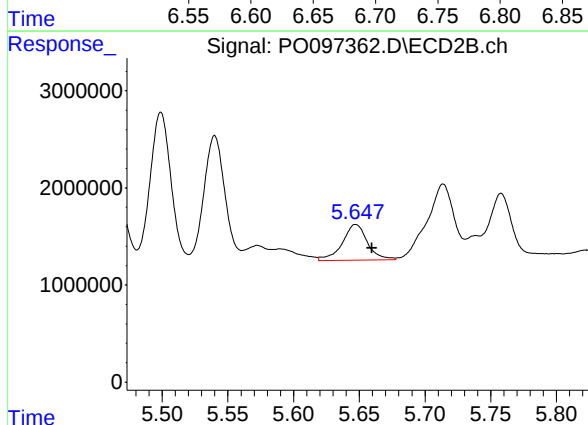
R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 17084517
Conc: 231.51 ng/ml



#27 AR-1254-2

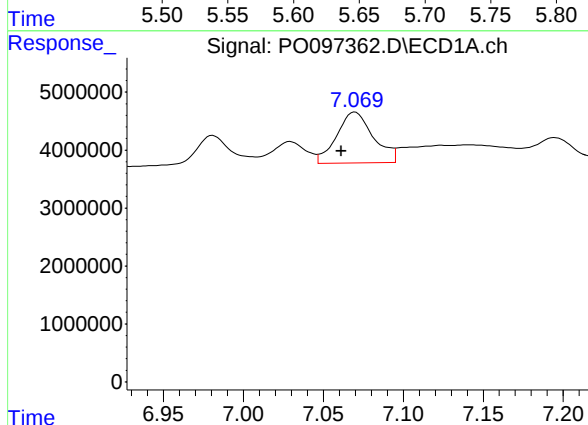
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 23513428
Conc: 145.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



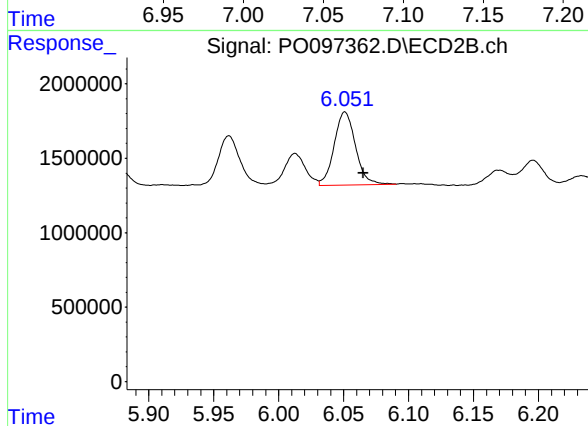
#27 AR-1254-2

R.T.: 5.647 min
Delta R.T.: -0.012 min
Response: 4910083
Conc: 74.53 ng/ml



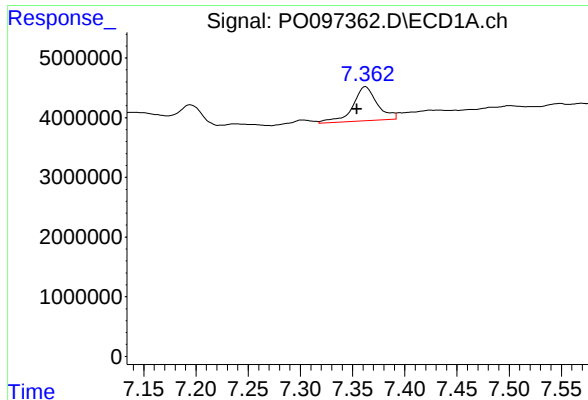
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 14029190
Conc: 89.53 ng/ml



#28 AR-1254-3

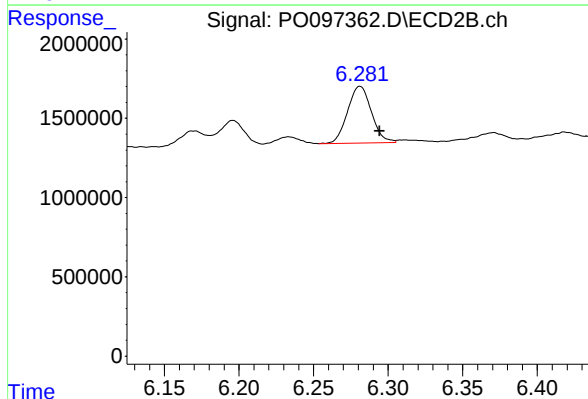
R.T.: 6.051 min
Delta R.T.: -0.014 min
Response: 5610113
Conc: 55.51 ng/ml



#29 AR-1254-4

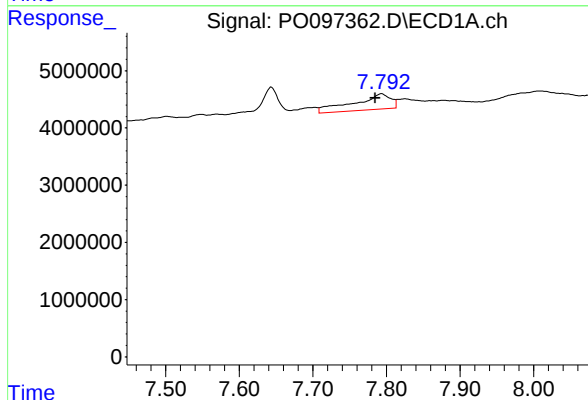
R.T.: 7.362 min
Delta R.T.: 0.008 min
Response: 9347480
Conc: 92.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



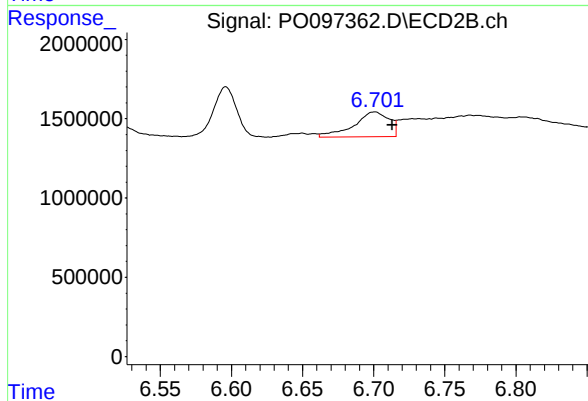
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.013 min
Response: 4005051
Conc: 69.20 ng/ml



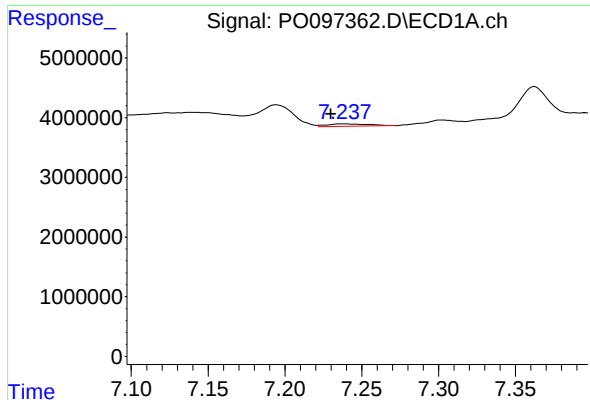
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 9540388
Conc: 85.02 ng/ml



#30 AR-1254-5

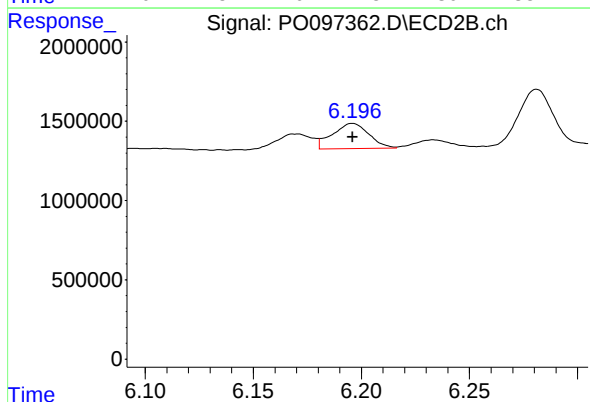
R.T.: 6.701 min
Delta R.T.: -0.012 min
Response: 2706290
Conc: 30.78 ng/ml



#31 AR-1260-1

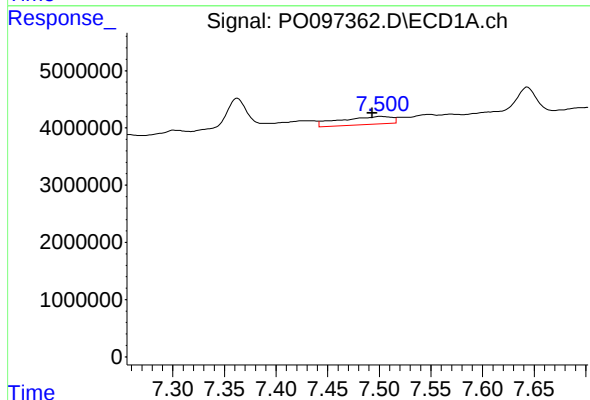
R.T.: 7.238 min
Delta R.T.: 0.008 min
Response: 821924
Conc: 6.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



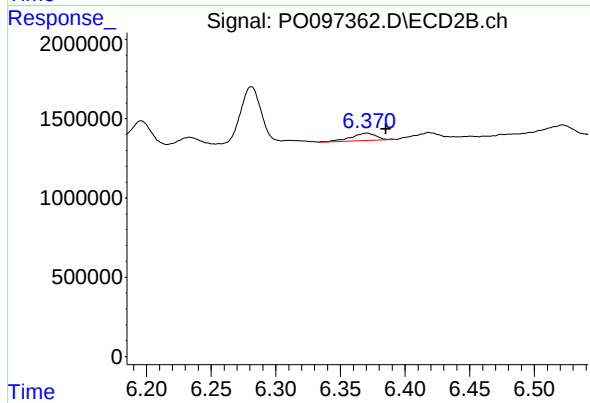
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 1858822
Conc: 26.42 ng/ml



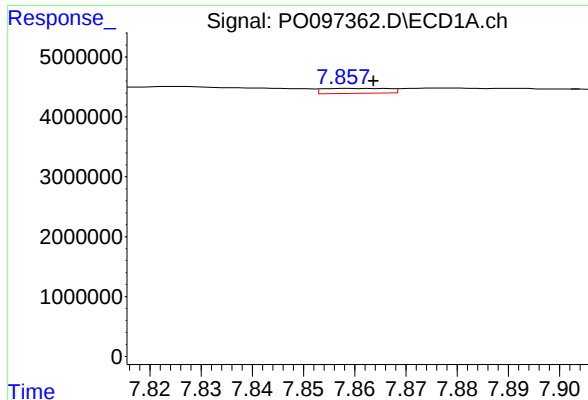
#32 AR-1260-2

R.T.: 7.501 min
Delta R.T.: 0.008 min
Response: 4863862
Conc: 36.10 ng/ml



#32 AR-1260-2

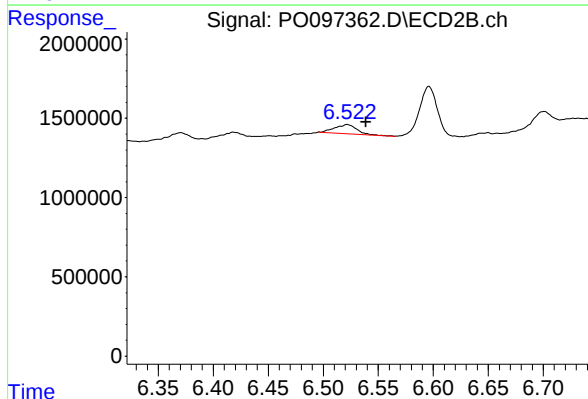
R.T.: 6.371 min
Delta R.T.: -0.015 min
Response: 619342
Conc: 7.42 ng/ml



#33 AR-1260-3

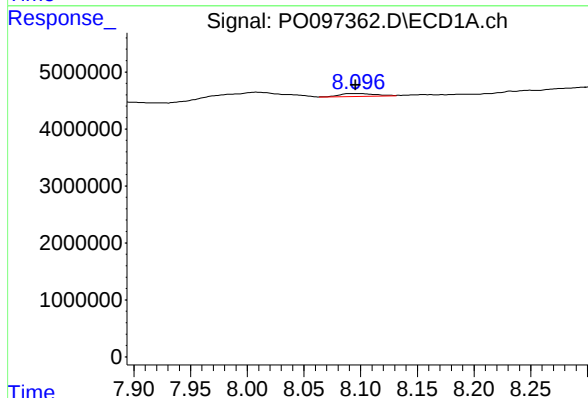
R.T.: 7.859 min
Delta R.T.: -0.005 min
Response: 744155
Conc: 7.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



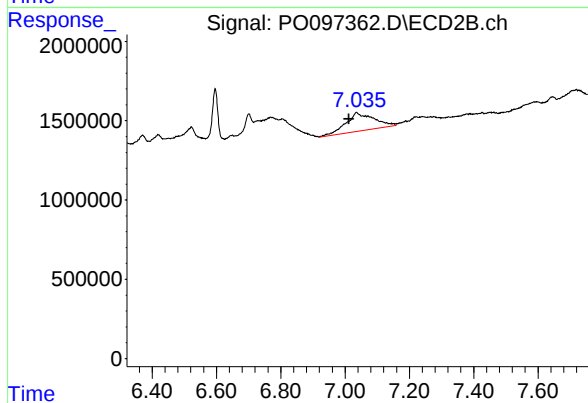
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.017 min
Response: 785452
Conc: 10.17 ng/ml



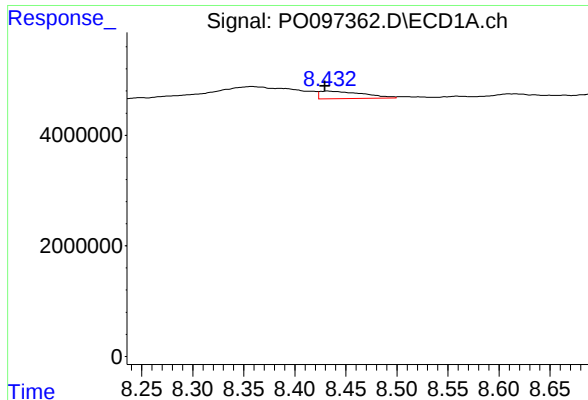
#34 AR-1260-4

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 1143191
Conc: 10.22 ng/ml



#34 AR-1260-4

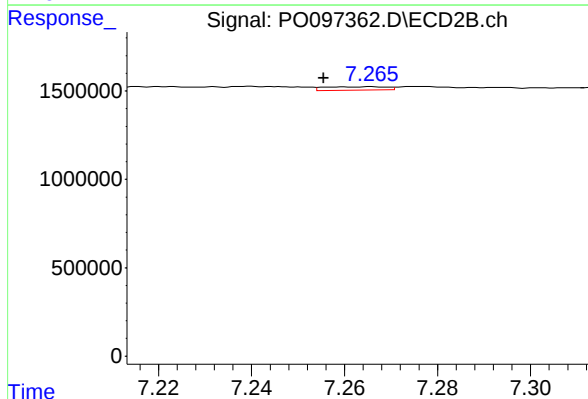
R.T.: 7.036 min
Delta R.T.: 0.024 min
Response: 7061374
Conc: 110.19 ng/ml



#35 AR-1260-5

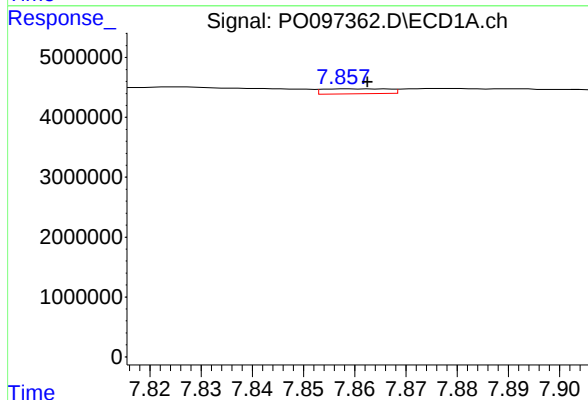
R.T.: 8.433 min
Delta R.T.: 0.003 min
Response: 4019956
Conc: 19.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



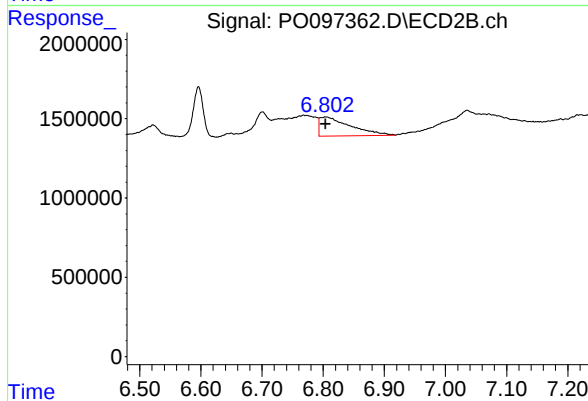
#35 AR-1260-5

R.T.: 7.266 min
Delta R.T.: 0.010 min
Response: 184504
Conc: 1.33 ng/ml



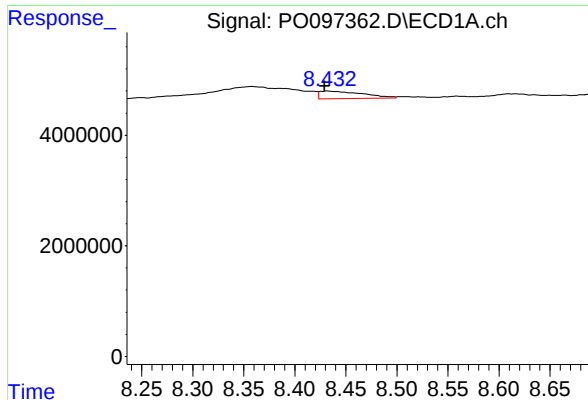
#36 AR-1262-1

R.T.: 7.859 min
Delta R.T.: -0.004 min
Response: 744155
Conc: 5.01 ng/ml



#36 AR-1262-1

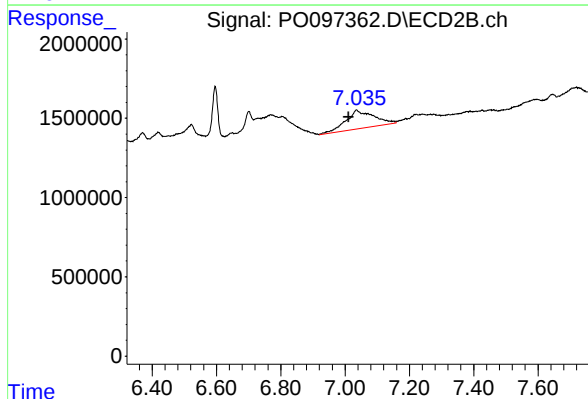
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 4209689
Conc: 106.93 ng/ml



#37 AR-1262-2

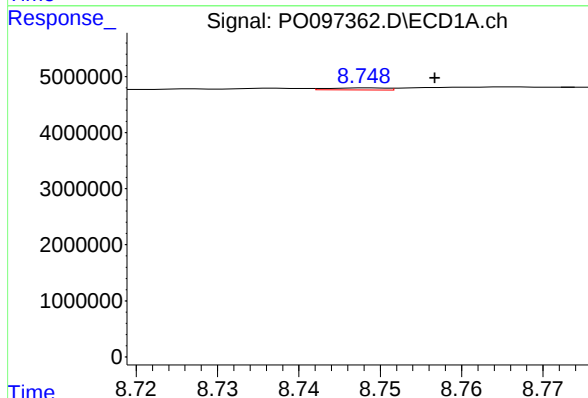
R.T.: 8.433 min
Delta R.T.: 0.004 min
Response: 4019956
Conc: 17.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



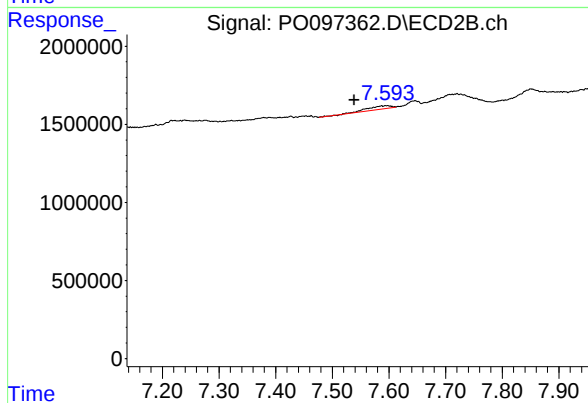
#37 AR-1262-2

R.T.: 7.036 min
Delta R.T.: 0.025 min
Response: 7061374
Conc: 87.06 ng/ml



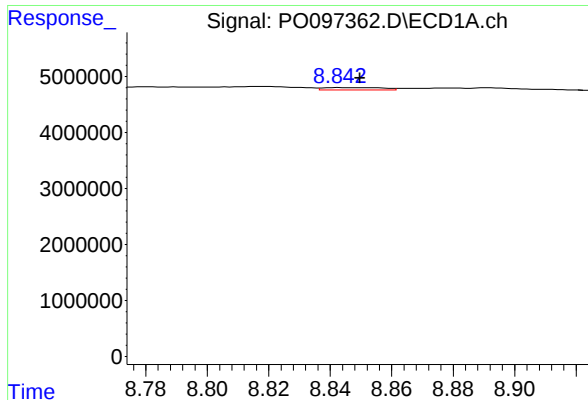
#38 AR-1262-3

R.T.: 8.749 min
Delta R.T.: -0.008 min
Response: 181184
Conc: 1.09 ng/ml



#38 AR-1262-3

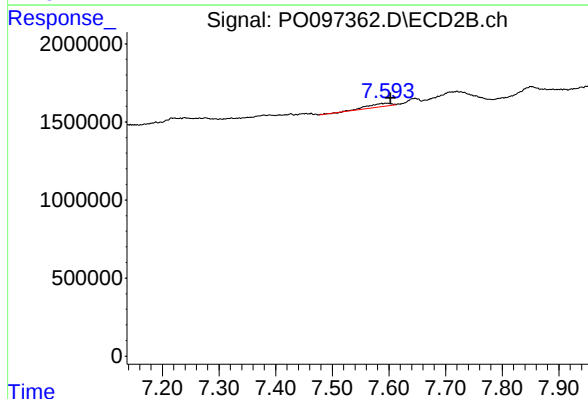
R.T.: 7.587 min
Delta R.T.: 0.049 min
Response: 563908
Conc: 8.79 ng/ml



#39 AR-1262-4

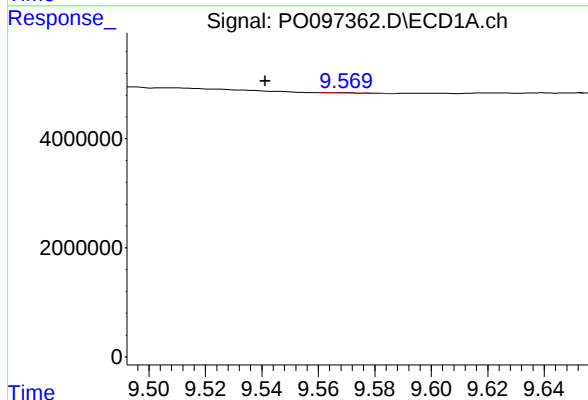
R.T.: 8.843 min
Delta R.T.: -0.007 min
Response: 563055
Conc: 7.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



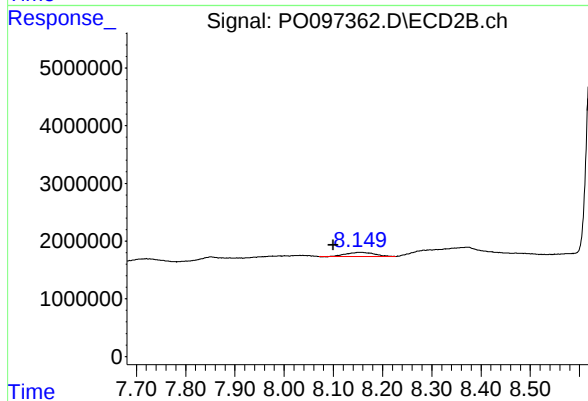
#39 AR-1262-4

R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 563908
Conc: 4.96 ng/ml



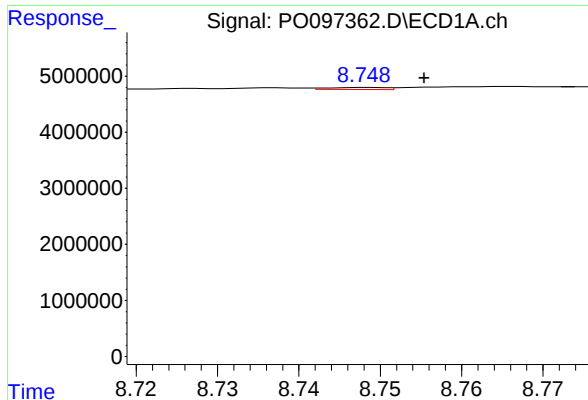
#40 AR-1262-5

R.T.: 9.569 min
Delta R.T.: 0.028 min
Response: 34768
Conc: 0.42 ng/ml



#40 AR-1262-5

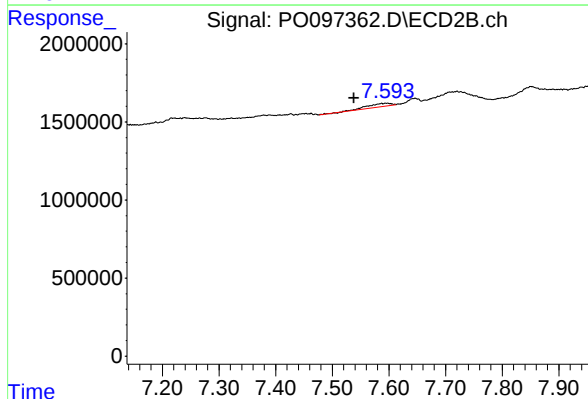
R.T.: 8.150 min
Delta R.T.: 0.051 min
Response: 2955951
Conc: 56.28 ng/ml



#41 AR-1268-1

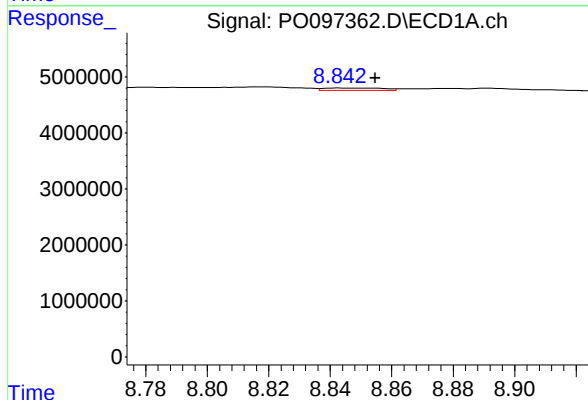
R.T.: 8.749 min
Delta R.T.: -0.007 min
Response: 181184
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



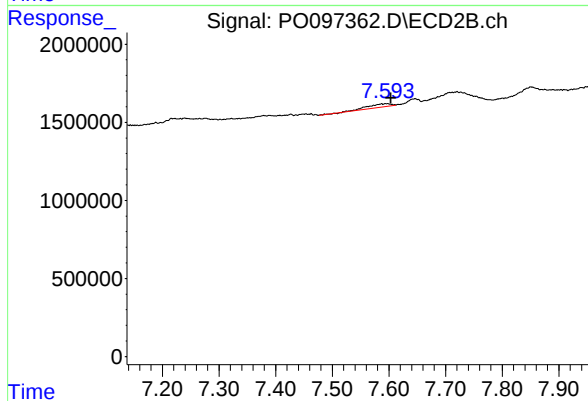
#41 AR-1268-1

R.T.: 7.587 min
Delta R.T.: 0.049 min
Response: 563908
Conc: 3.04 ng/ml



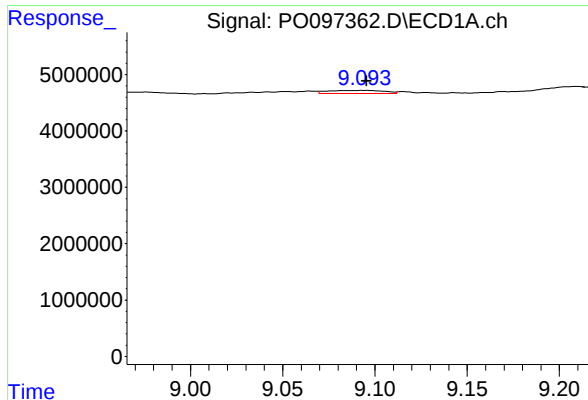
#42 AR-1268-2

R.T.: 8.843 min
Delta R.T.: -0.012 min
Response: 563055
Conc: 2.05 ng/ml



#42 AR-1268-2

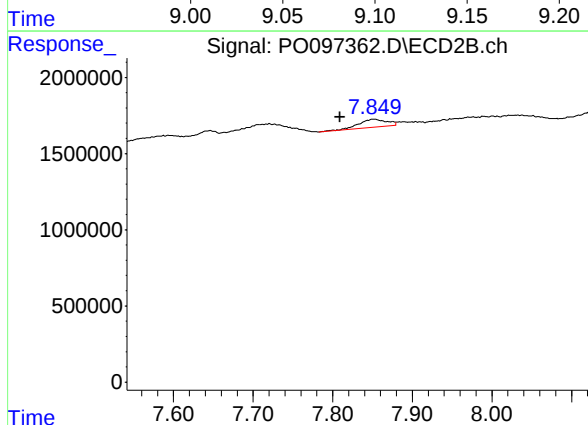
R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 563908
Conc: 3.36 ng/ml



#43 AR-1268-3

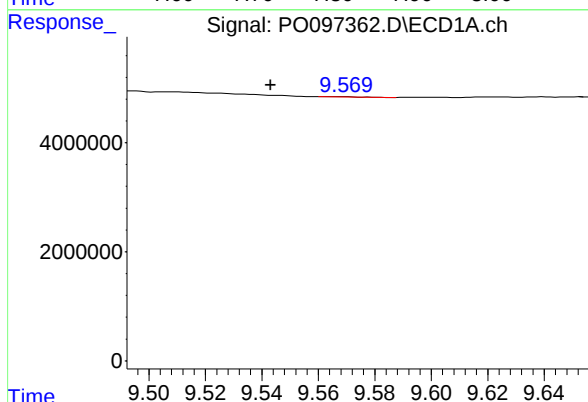
R.T.: 9.095 min
Delta R.T.: -0.001 min
Response: 1140626
Conc: 4.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



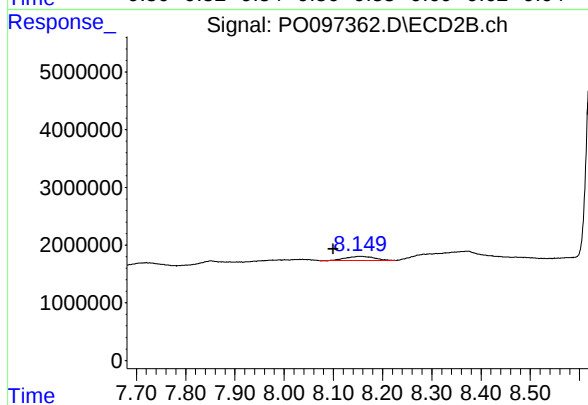
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.042 min
Response: 1292559
Conc: 8.95 ng/ml



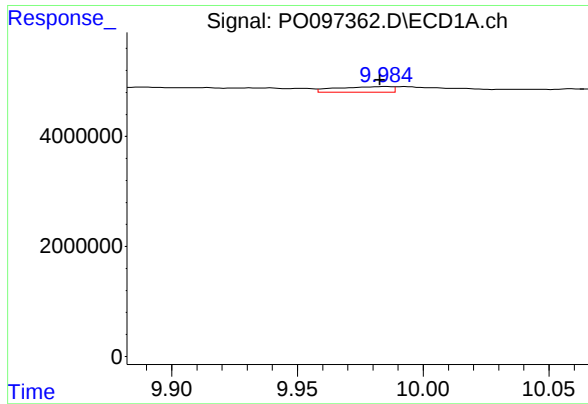
#44 AR-1268-4

R.T.: 9.569 min
Delta R.T.: 0.026 min
Response: 34768
Conc: 0.38 ng/ml



#44 AR-1268-4

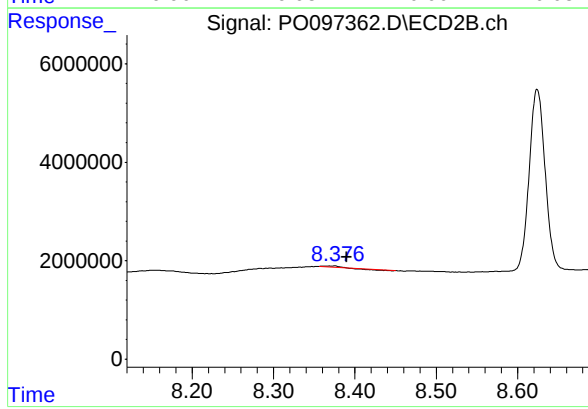
R.T.: 8.150 min
Delta R.T.: 0.050 min
Response: 2955951
Conc: 49.62 ng/ml



#45 AR-1268-5

R.T.: 9.985 min
Delta R.T.: 0.002 min
Response: 1583042
Conc: 1.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.375 min
Delta R.T.: -0.015 min
Response: 65780
Conc: 0.16 ng/ml