

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 22:55
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 01:55:52 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	3.613	160.6E6	63867918	48.531	48.246
2) SA Decachlor...	10.344	8.625	114.7E6	54736699	52.406	47.312
Target Compounds						
3) L1 AR-1016-1	5.595	4.715	29875461	12960841	317.204	292.332
4) L1 AR-1016-2	5.618	4.715	35305732	12960841	263.920	211.880
5) L1 AR-1016-3	5.680	4.893	17638735	9257699	202.695	283.384 #
6) L1 AR-1016-4	5.780	4.934	19467429	19459635	289.822	680.731 #
7) L1 AR-1016-5	6.082	5.147	47989846	23519255	687.366	611.740
8) L2 AR-1221-1	4.615	0.000	278922	0	6.844	N.D. #
9) L2 AR-1221-2	4.718	3.912	2619543	984044	86.226	76.160
10) L2 AR-1221-3	4.784	3.987	2717211	1147854	31.043	28.918
11) L3 AR-1232-1	4.784	3.987	2717211	1147854	37.256	35.486
12) L3 AR-1232-2	5.322	4.715	14403975	12960841	363.315	449.210
13) L3 AR-1232-3	5.618	4.893	35305732	9257699	577.149	610.591
14) L3 AR-1232-4	5.780	4.975	19467429	20632818	637.987	1380.615 #
15) L3 AR-1232-5	5.874	5.147	45324517	23519255	1619.706	1438.770
16) L4 AR-1242-1	5.595	4.715	29875461	12960841	356.437	328.747
17) L4 AR-1242-2	5.618	4.715	35305732	12960841	299.806	237.853
18) L4 AR-1242-3	5.680	4.893	17638735	9257699	238.773	313.092 #
19) L4 AR-1242-4	5.780	4.975	19467429	20632818	327.017	654.721 #
20) L4 AR-1242-5	6.535	5.499	45244443	31594120	822.331	867.108
21) L5 AR-1248-1	5.595	4.715	29875461	12960841	509.872	461.856
22) L5 AR-1248-2	5.874	4.934	45324517	19459635	482.085	459.160
23) L5 AR-1248-3	6.082	4.975	47989846	20632818	490.649	470.370
24) L5 AR-1248-4	6.496	5.147	46876254	23519255	516.011	460.711
25) L5 AR-1248-5	6.535	5.540	45244443	22097412	513.639	472.653
26) L6 AR-1254-1	6.467	5.499	37224522	31594120	340.601	428.127 #
27) L6 AR-1254-2	6.696	5.648	47358389	10257229	293.736	155.695 #
28) L6 AR-1254-3	7.070	6.052	25484888	14974674	162.638	148.172
29) L6 AR-1254-4	7.363	6.282	16044537	10312738	159.143	178.190
30) L6 AR-1254-5	7.793	6.700	3642393	2996388	32.459	34.083
31) L7 AR-1260-1	7.239	6.196	3608888	7237752	28.713	102.856 #
32) L7 AR-1260-2	7.501	6.371	3198066	1430400	23.736	17.138 #
33) L7 AR-1260-3	7.868	6.523	717611	1591608	6.915	20.611 #
34) L7 AR-1260-4	8.090	6.999	3128461	196187	27.982	3.061 #
35) L7 AR-1260-5	8.441	7.241	1158424	444211	5.517	3.204 #
36) L8 AR-1262-1	7.868	6.770	717611	419060	4.832	10.645 #
37) L8 AR-1262-2	8.441	6.999	1158424	196187	5.005	2.419 #
38) L8 AR-1262-3	8.733	7.526	27580	114231	0.165	1.780 #
39) L8 AR-1262-4	8.845	7.588	261634	399996	3.589	3.521
40) L8 AR-1262-5	9.540	0.000	113833	0	1.367	N.D. #
41) L9 AR-1268-1	8.733	7.526	27580	114231	0.090	0.616 #

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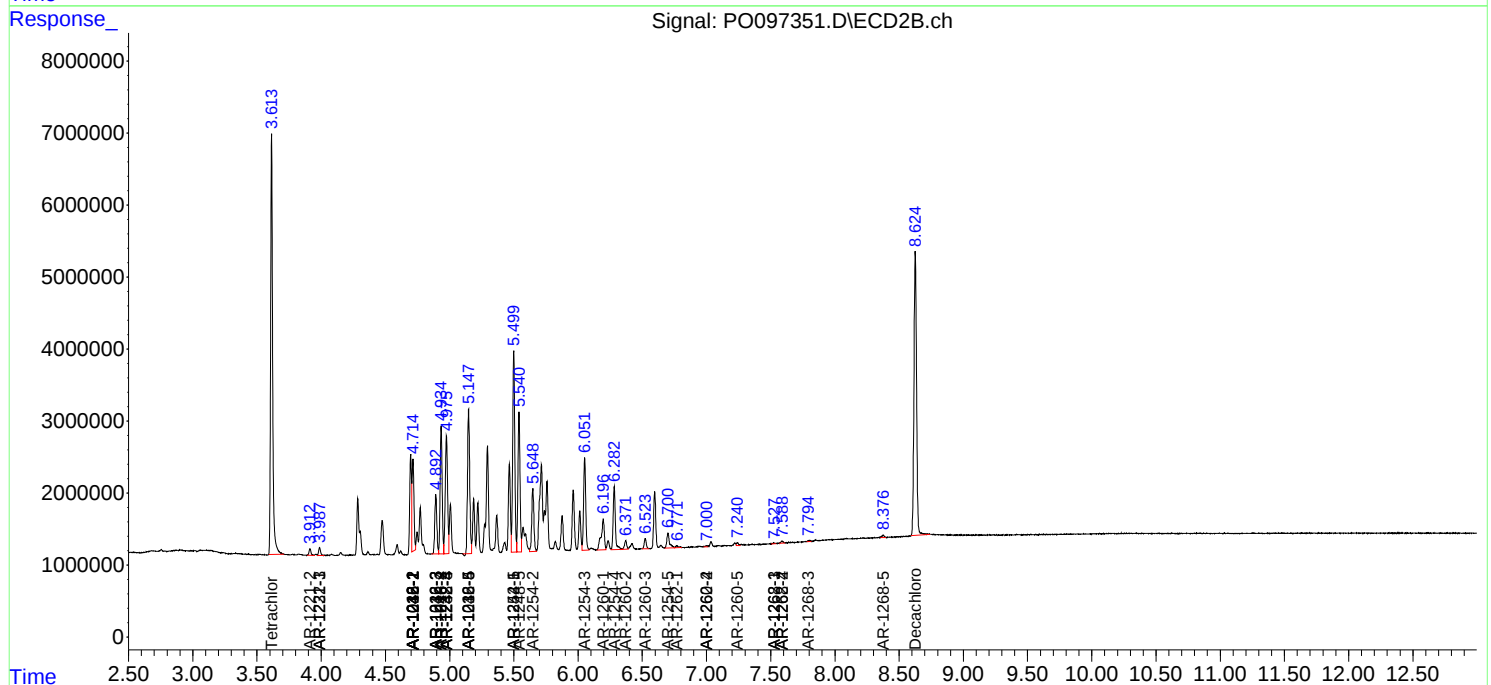
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

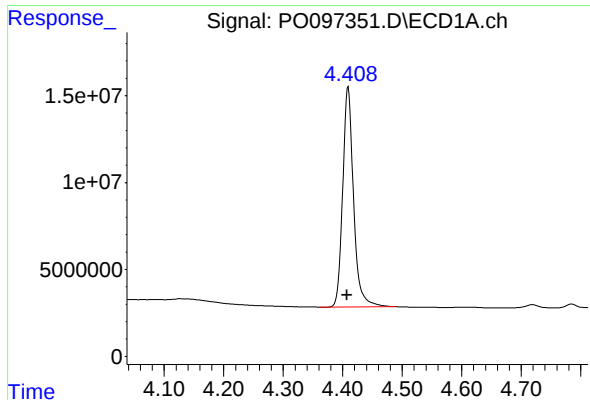
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.863	7.588	145734	399996	0.531	2.385 #
43) L9	AR-1268-3	9.100	7.796	365402	148156	1.431	1.025 #
44) L9	AR-1268-4	9.540	0.000	113833	0	1.228	N.D. #
45) L9	AR-1268-5	9.984	8.375	391883	374208	0.485	0.900 #

(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

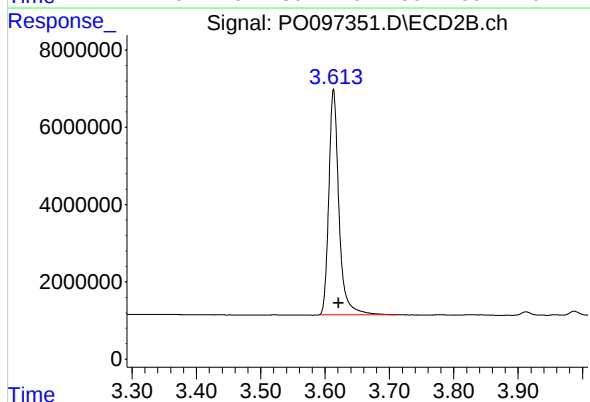




#1 Tetrachloro-m-xylene

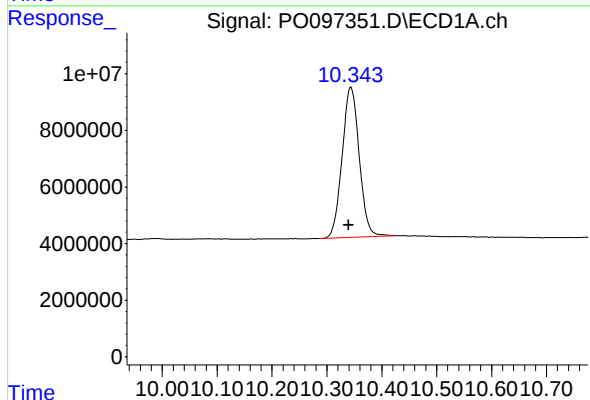
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 160645876
Conc: 48.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



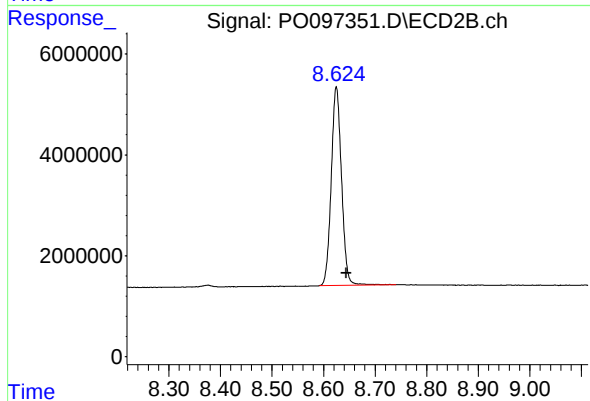
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 63867918
Conc: 48.25 ng/ml



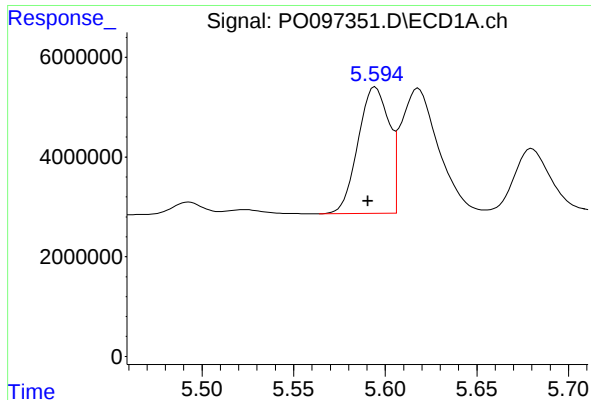
#2 Decachlorobiphenyl

R.T.: 10.344 min
Delta R.T.: 0.004 min
Response: 114673312
Conc: 52.41 ng/ml



#2 Decachlorobiphenyl

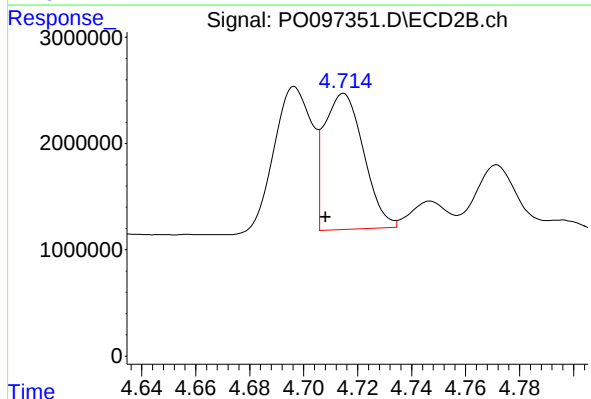
R.T.: 8.625 min
Delta R.T.: -0.019 min
Response: 54736699
Conc: 47.31 ng/ml



#3 AR-1016-1

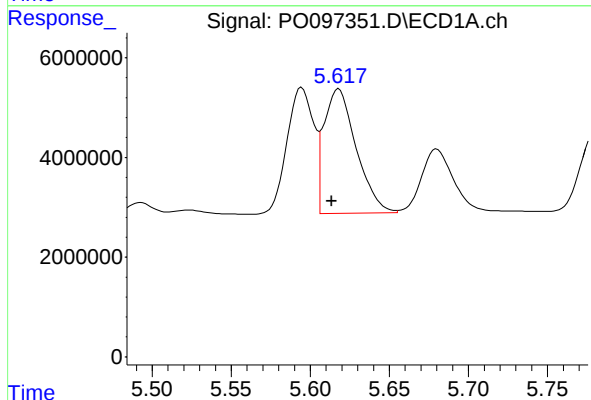
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 29875461
Conc: 317.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



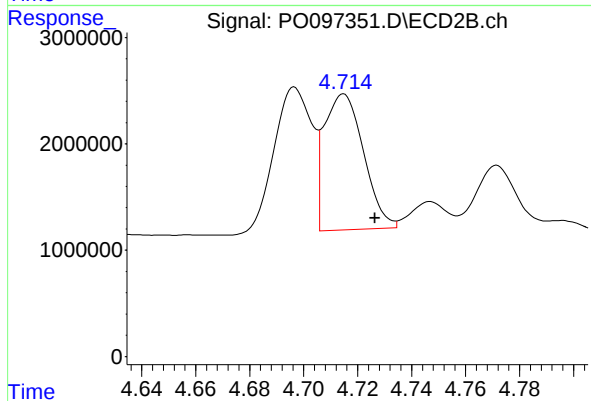
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 12960841
Conc: 292.33 ng/ml



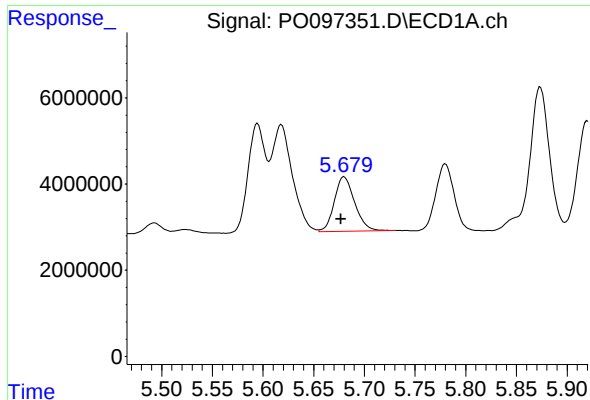
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 35305732
Conc: 263.92 ng/ml



#4 AR-1016-2

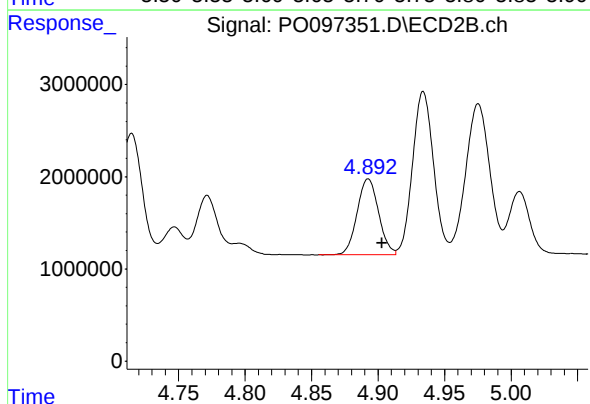
R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 12960841
Conc: 211.88 ng/ml



#5 AR-1016-3

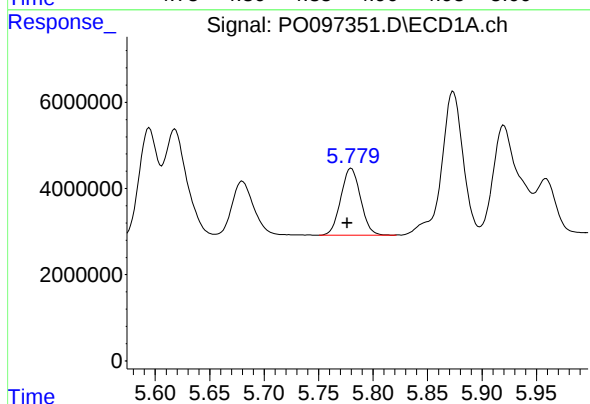
R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 17638735
Conc: 202.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



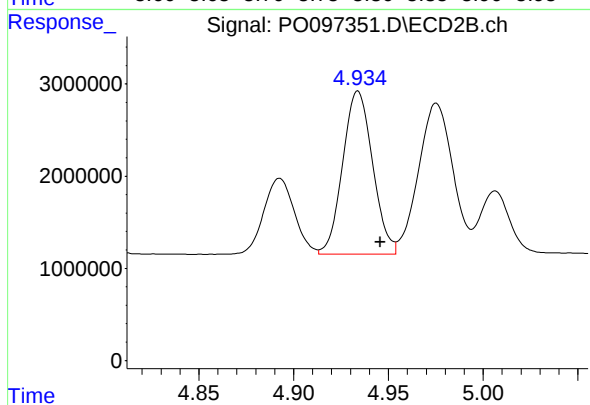
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 9257699
Conc: 283.38 ng/ml



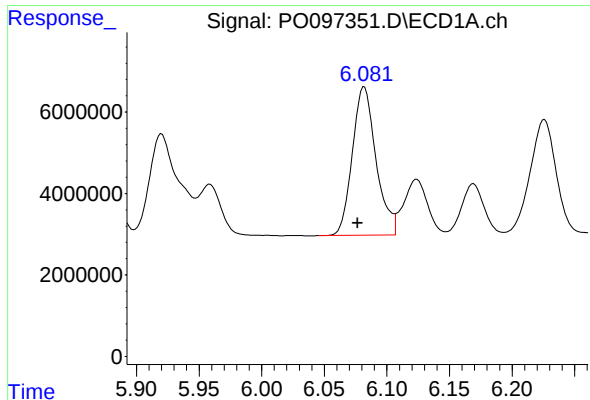
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 19467429
Conc: 289.82 ng/ml



#6 AR-1016-4

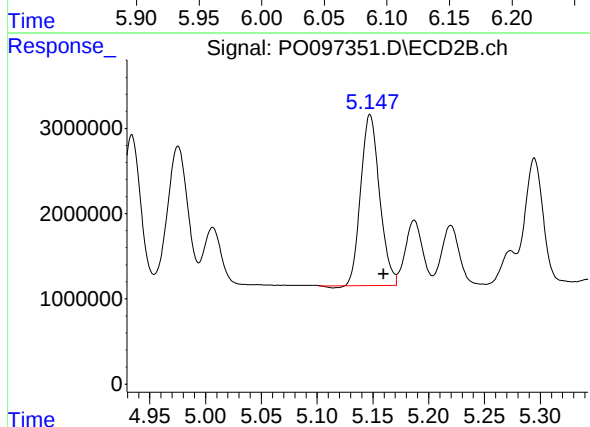
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 19459635
Conc: 680.73 ng/ml



#7 AR-1016-5

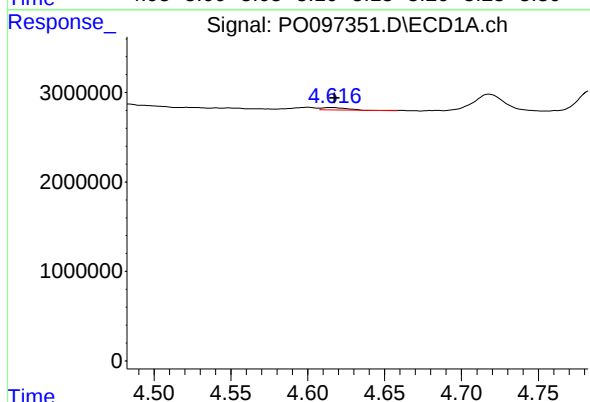
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 47989846
Conc: 687.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



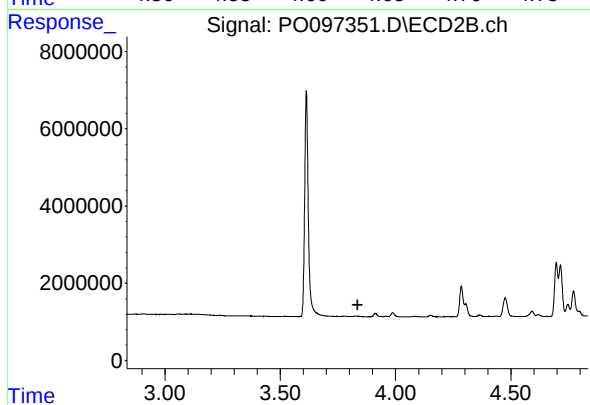
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 23519255
Conc: 611.74 ng/ml



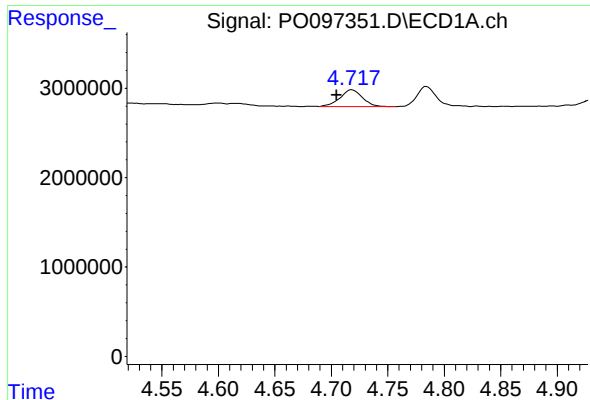
#8 AR-1221-1

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 278922
Conc: 6.84 ng/ml



#8 AR-1221-1

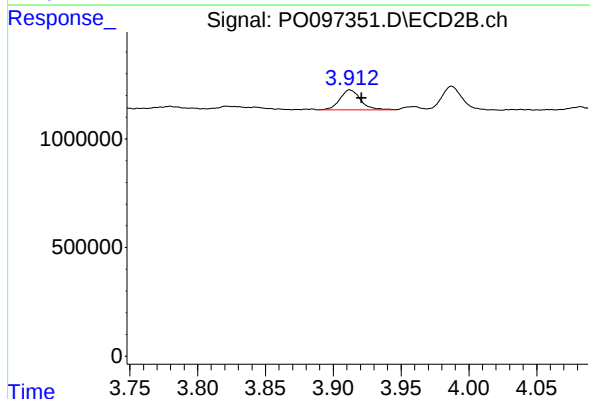
R.T.: 0.000 min
Exp R.T.: 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

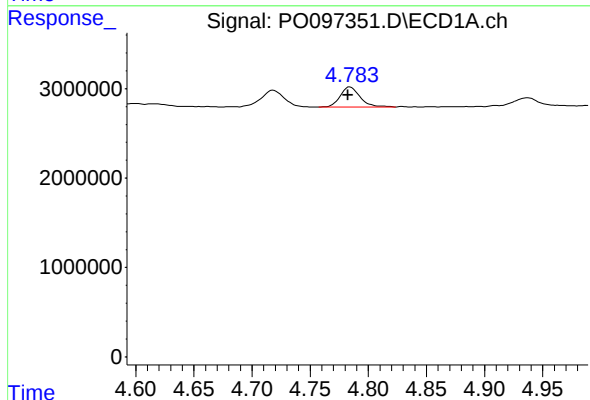
R.T.: 4.718 min
Delta R.T.: 0.013 min
Response: 2619543
Conc: 86.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



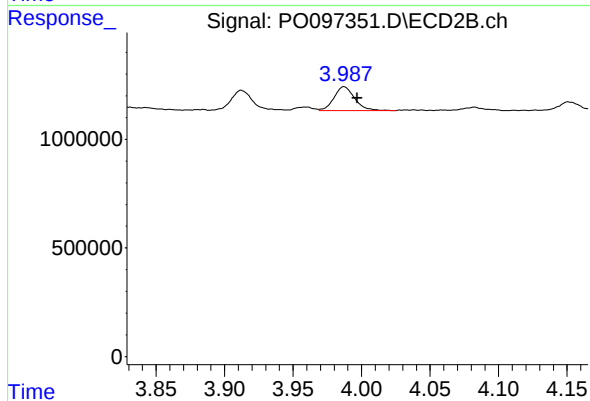
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.009 min
Response: 984044
Conc: 76.16 ng/ml



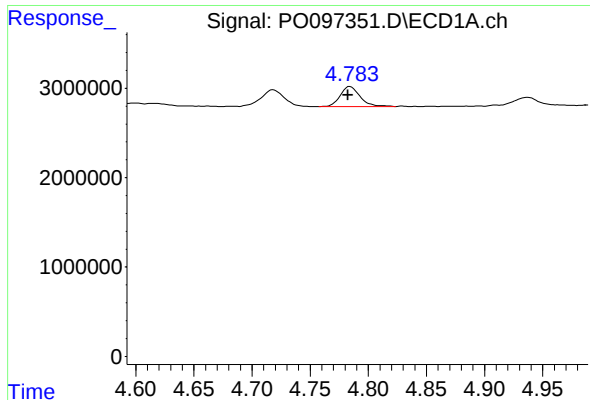
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 2717211
Conc: 31.04 ng/ml



#10 AR-1221-3

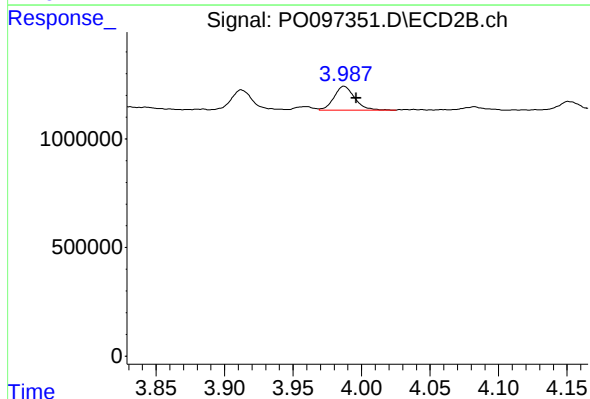
R.T.: 3.987 min
Delta R.T.: -0.009 min
Response: 1147854
Conc: 28.92 ng/ml



#11 AR-1232-1

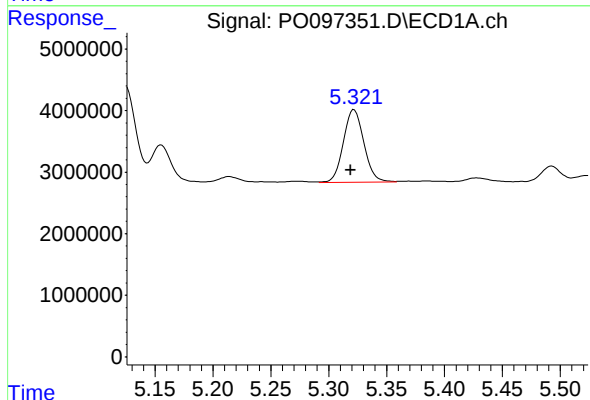
R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 2717211
Conc: 37.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



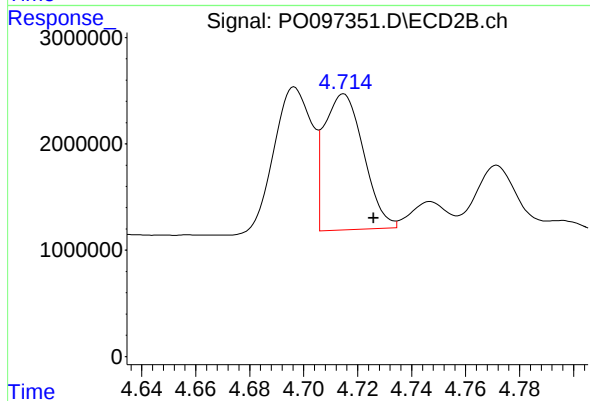
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.009 min
Response: 1147854
Conc: 35.49 ng/ml



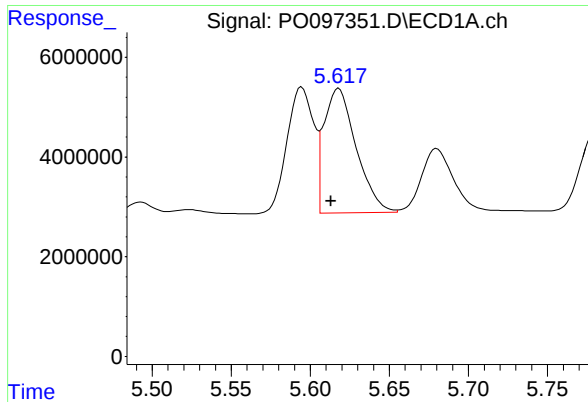
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.003 min
Response: 14403975
Conc: 363.32 ng/ml



#12 AR-1232-2

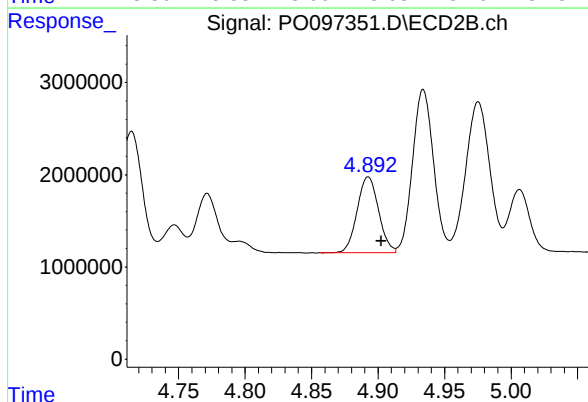
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 12960841
Conc: 449.21 ng/ml



#13 AR-1232-3

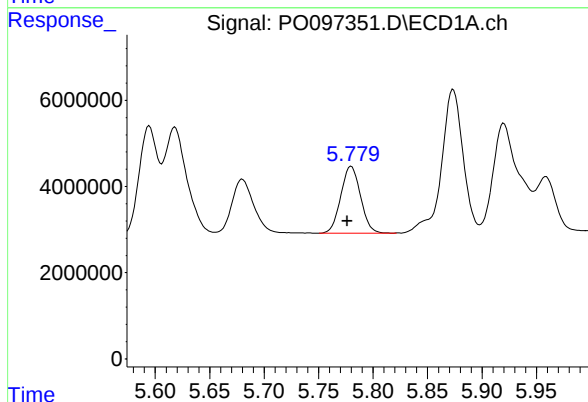
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 35305732
Conc: 577.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



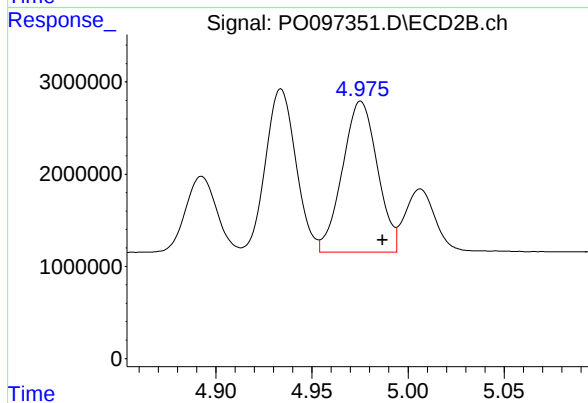
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 9257699
Conc: 610.59 ng/ml



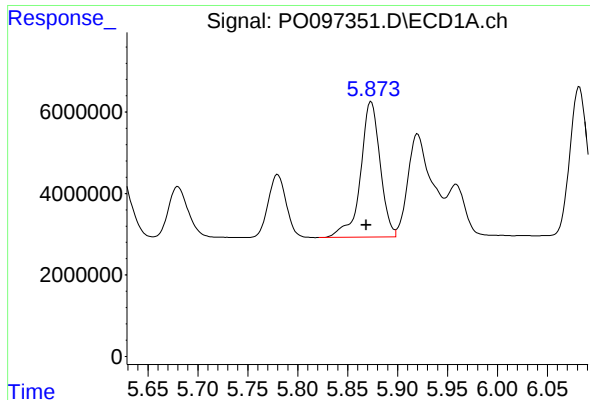
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 19467429
Conc: 637.99 ng/ml



#14 AR-1232-4

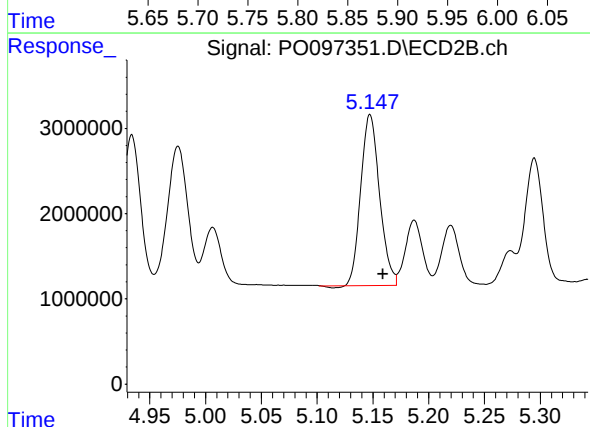
R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 20632818
Conc: 1380.61 ng/ml



#15 AR-1232-5

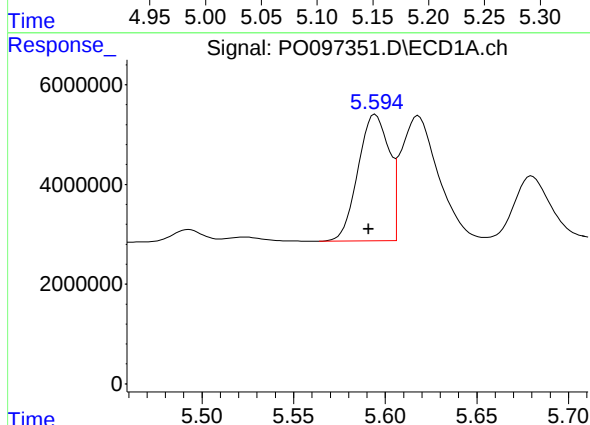
R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 45324517
Conc: 1619.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



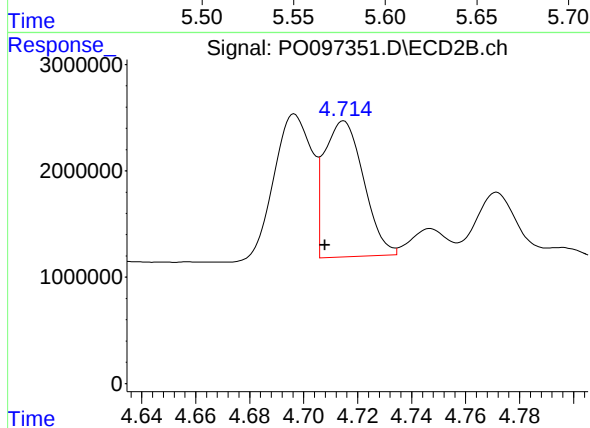
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 23519255
Conc: 1438.77 ng/ml



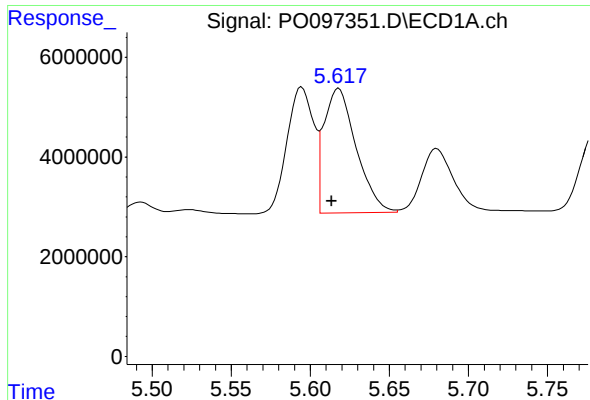
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 29875461
Conc: 356.44 ng/ml



#16 AR-1242-1

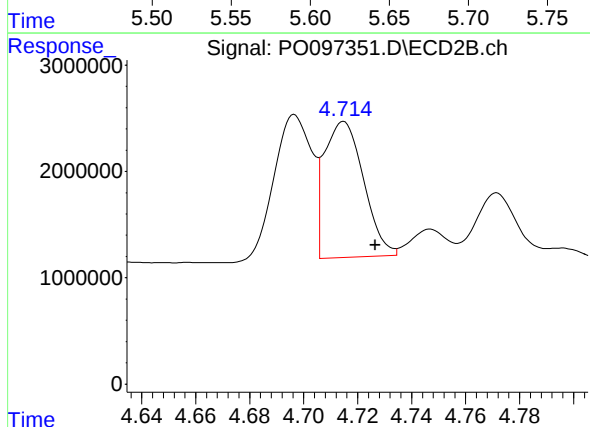
R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 12960841
Conc: 328.75 ng/ml



#17 AR-1242-2

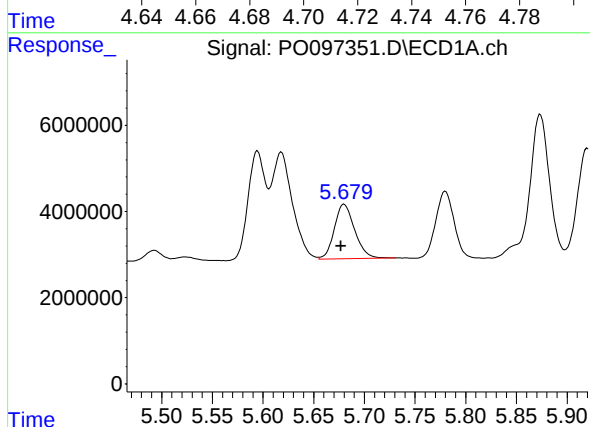
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 35305732
Conc: 299.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



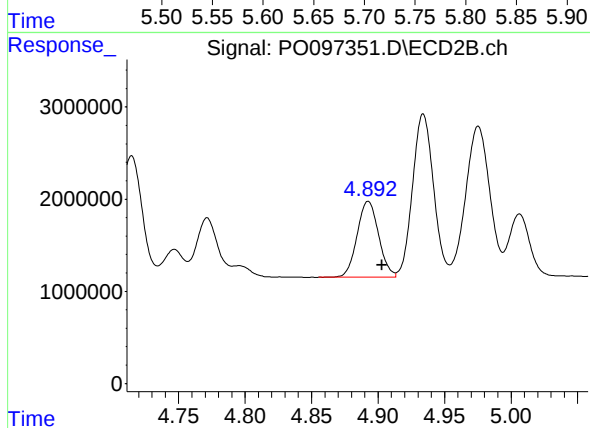
#17 AR-1242-2

R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 12960841
Conc: 237.85 ng/ml



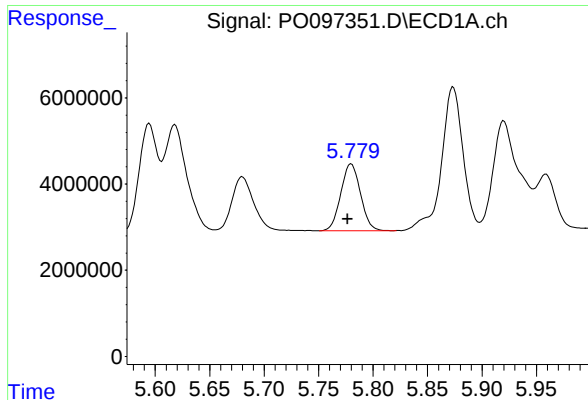
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 17638735
Conc: 238.77 ng/ml



#18 AR-1242-3

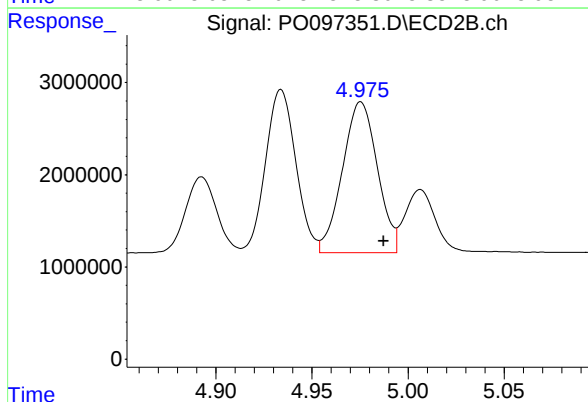
R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 9257699
Conc: 313.09 ng/ml



#19 AR-1242-4

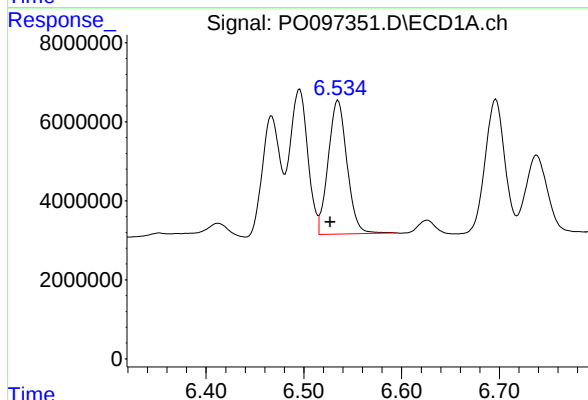
R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 19467429
Conc: 327.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



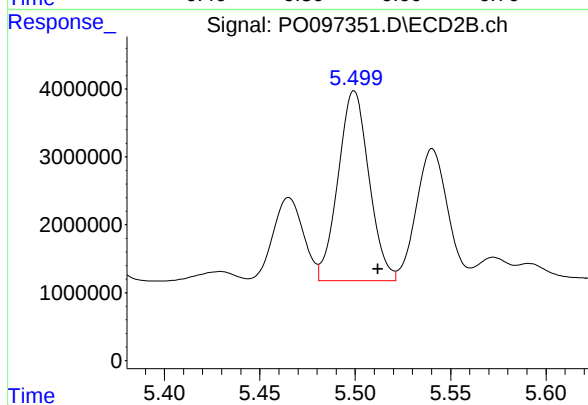
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 20632818
Conc: 654.72 ng/ml



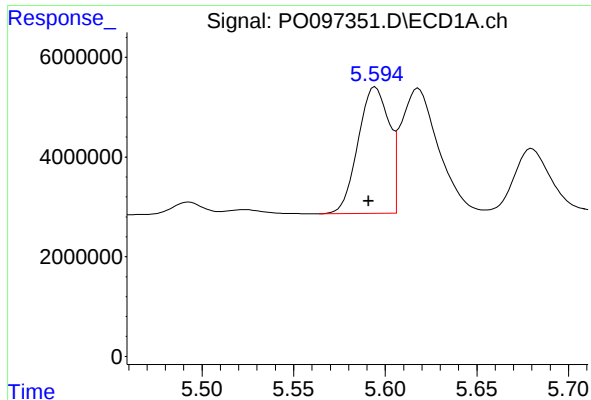
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 45244443
Conc: 822.33 ng/ml



#20 AR-1242-5

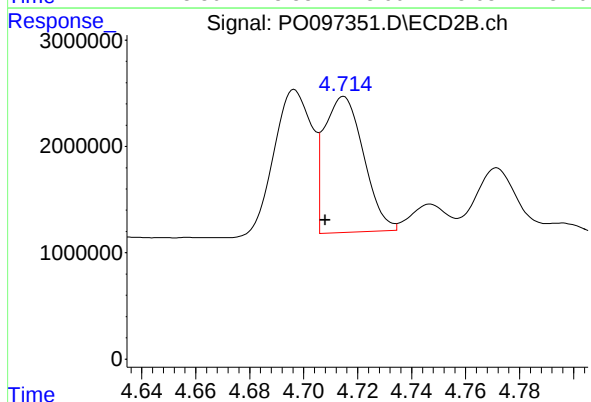
R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 31594120
Conc: 867.11 ng/ml



#21 AR-1248-1

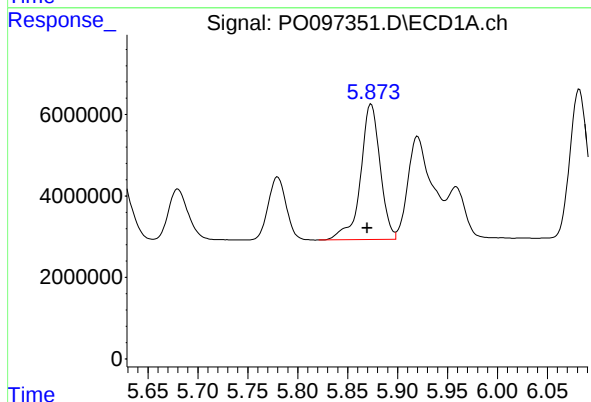
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 29875461
Conc: 509.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



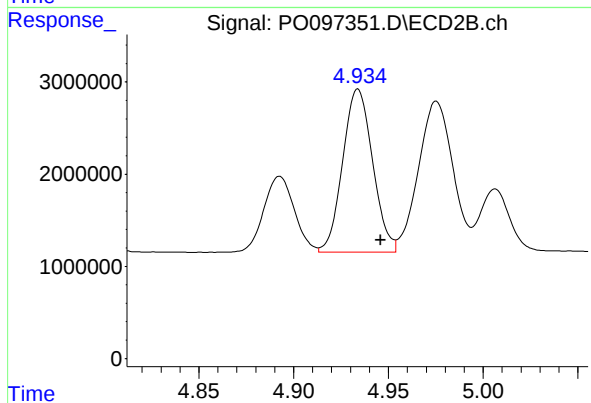
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 12960841
Conc: 461.86 ng/ml



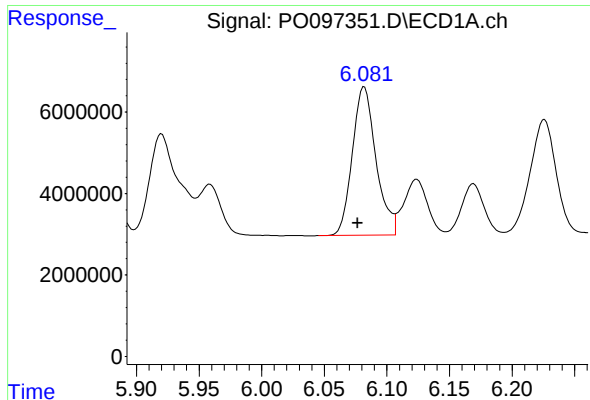
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.004 min
Response: 45324517
Conc: 482.09 ng/ml



#22 AR-1248-2

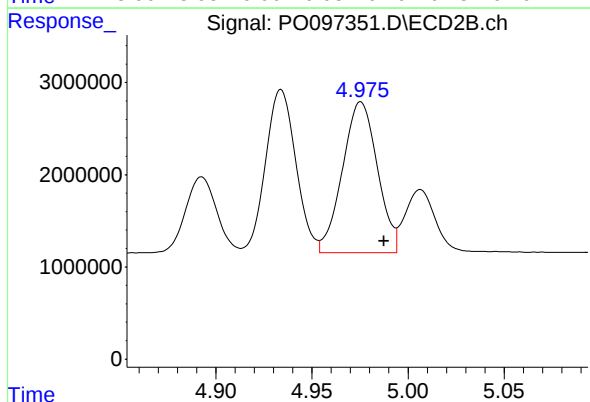
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 19459635
Conc: 459.16 ng/ml



#23 AR-1248-3

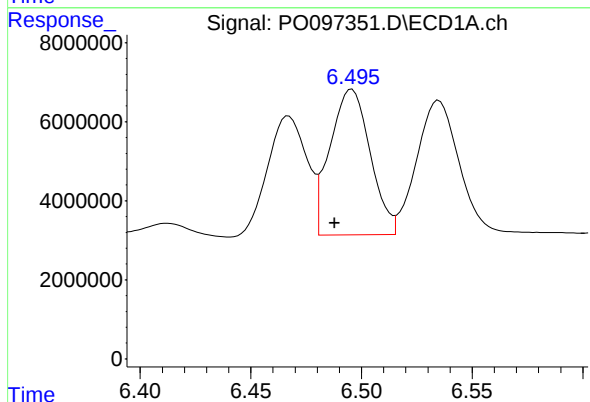
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 47989846
Conc: 490.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



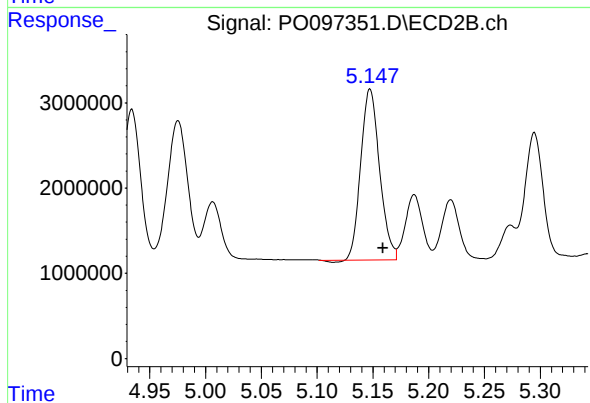
#23 AR-1248-3

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 20632818
Conc: 470.37 ng/ml



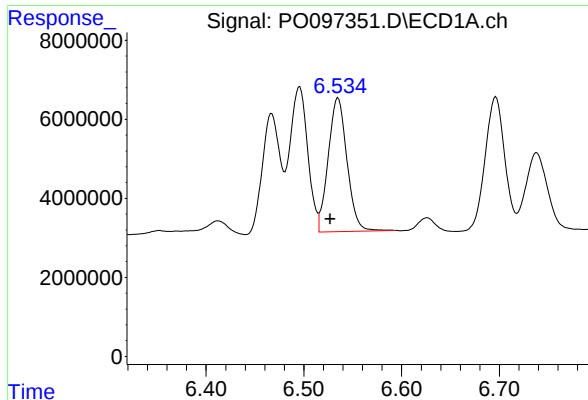
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.008 min
Response: 46876254
Conc: 516.01 ng/ml



#24 AR-1248-4

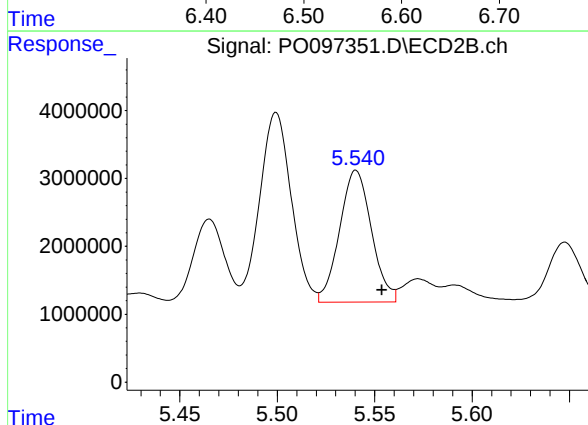
R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 23519255
Conc: 460.71 ng/ml



#25 AR-1248-5

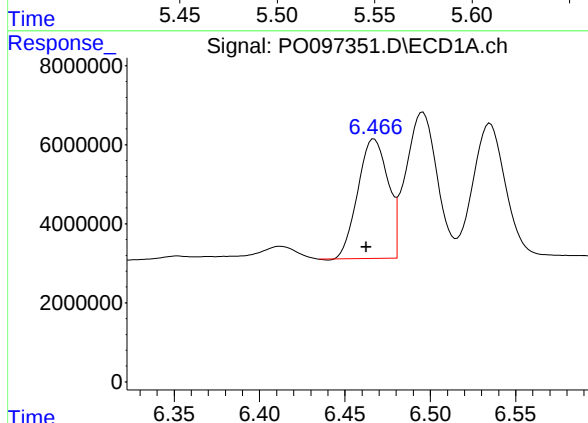
R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 45244443
Conc: 513.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



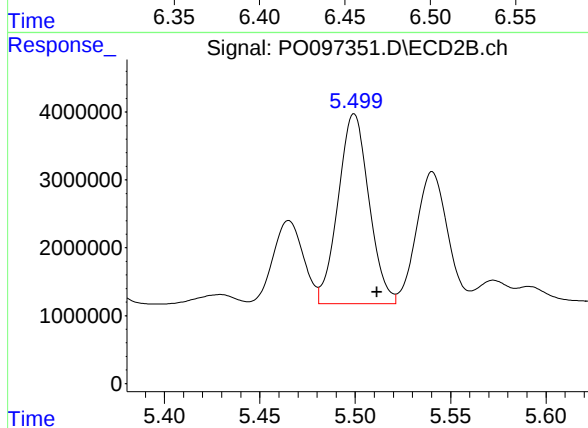
#25 AR-1248-5

R.T.: 5.540 min
Delta R.T.: -0.013 min
Response: 22097412
Conc: 472.65 ng/ml



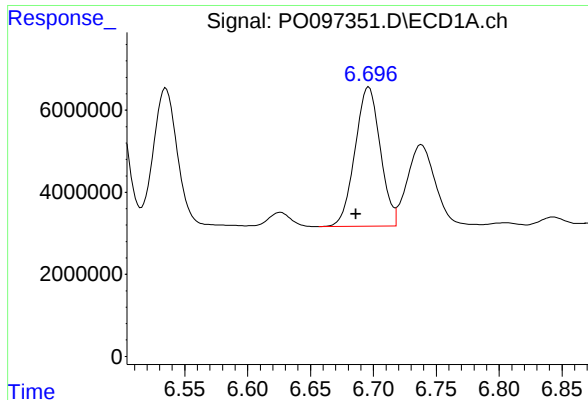
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.005 min
Response: 37224522
Conc: 340.60 ng/ml



#26 AR-1254-1

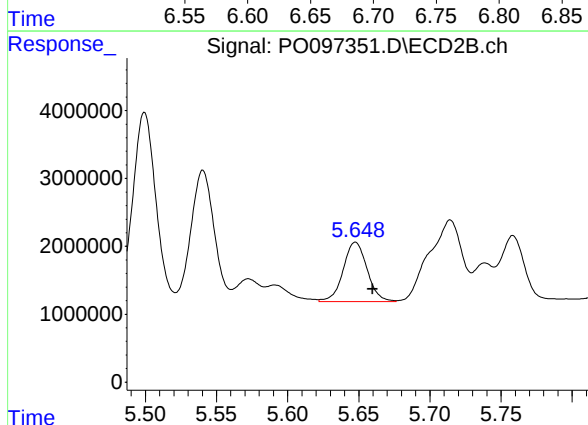
R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 31594120
Conc: 428.13 ng/ml



#27 AR-1254-2

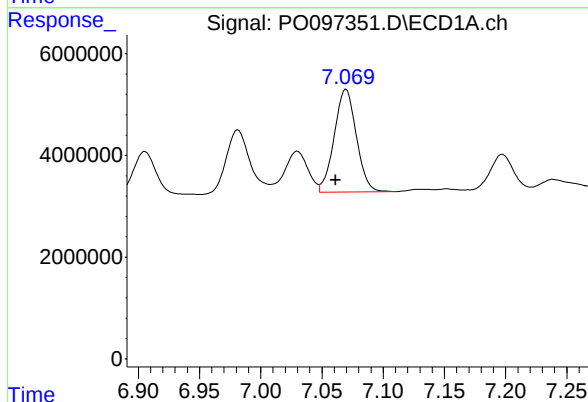
R.T.: 6.696 min
Delta R.T.: 0.010 min
Response: 47358389
Conc: 293.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



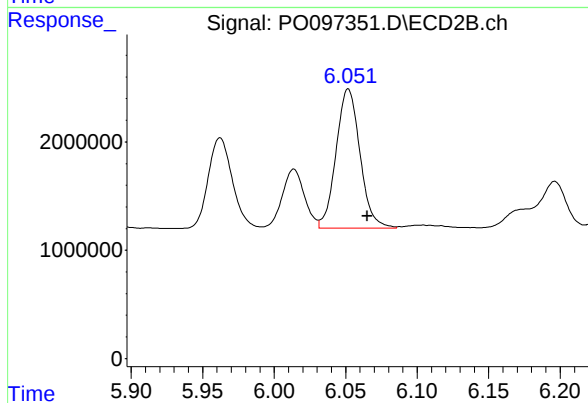
#27 AR-1254-2

R.T.: 5.648 min
Delta R.T.: -0.012 min
Response: 10257229
Conc: 155.69 ng/ml



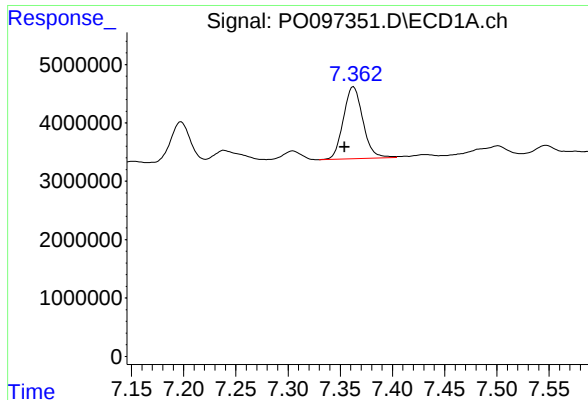
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 25484888
Conc: 162.64 ng/ml



#28 AR-1254-3

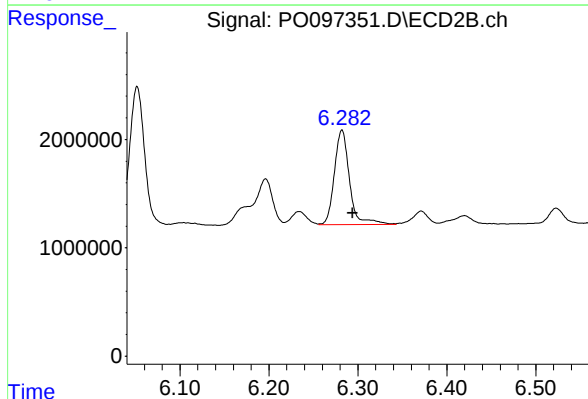
R.T.: 6.052 min
Delta R.T.: -0.013 min
Response: 14974674
Conc: 148.17 ng/ml



#29 AR-1254-4

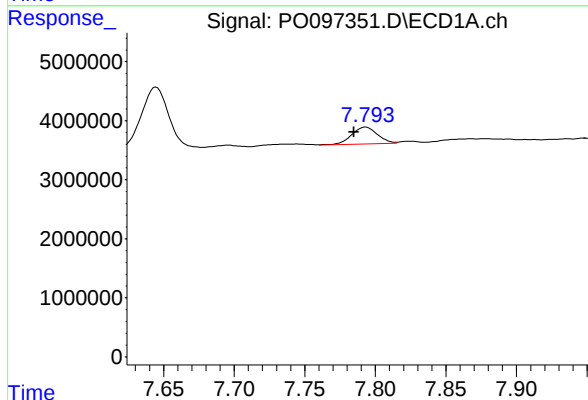
R.T.: 7.363 min
Delta R.T.: 0.009 min
Response: 16044537
Conc: 159.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



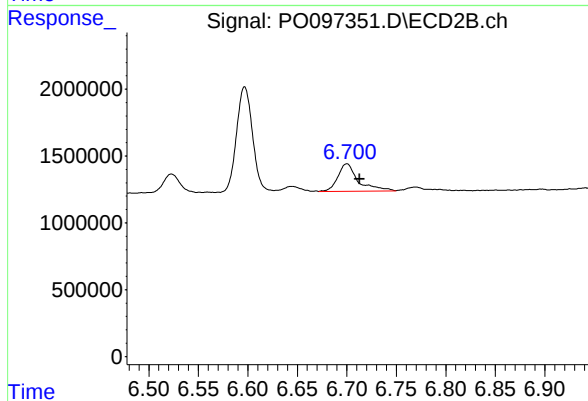
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: -0.012 min
Response: 10312738
Conc: 178.19 ng/ml



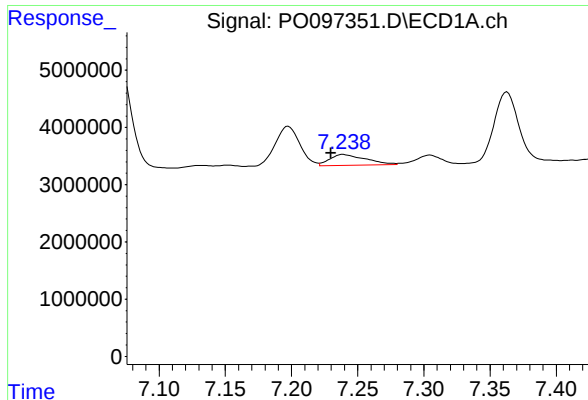
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 3642393
Conc: 32.46 ng/ml



#30 AR-1254-5

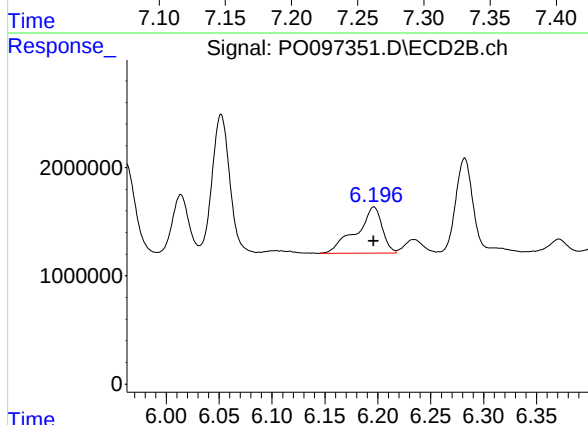
R.T.: 6.700 min
Delta R.T.: -0.013 min
Response: 2996388
Conc: 34.08 ng/ml



#31 AR-1260-1

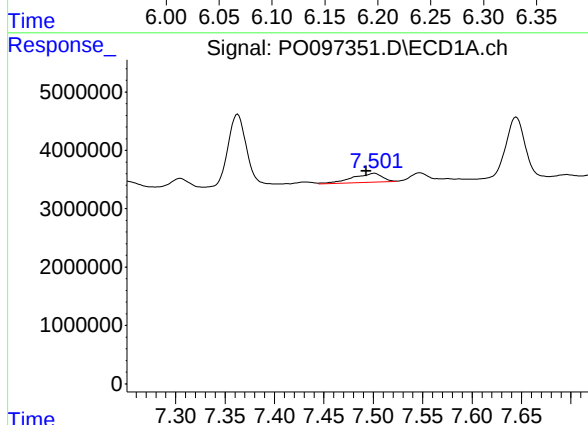
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 3608888
Conc: 28.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



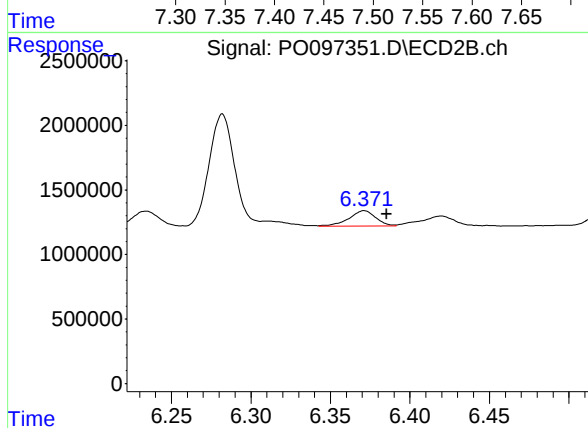
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 7237752
Conc: 102.86 ng/ml



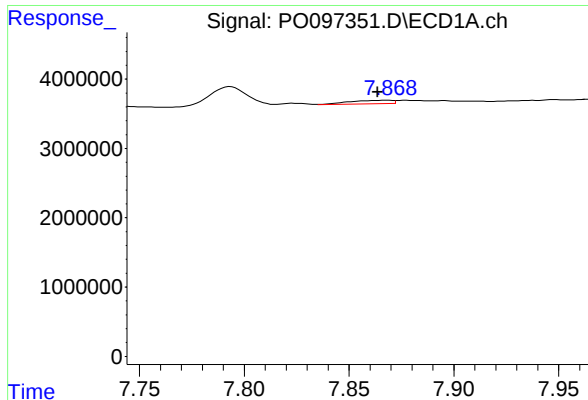
#32 AR-1260-2

R.T.: 7.501 min
Delta R.T.: 0.008 min
Response: 3198066
Conc: 23.74 ng/ml



#32 AR-1260-2

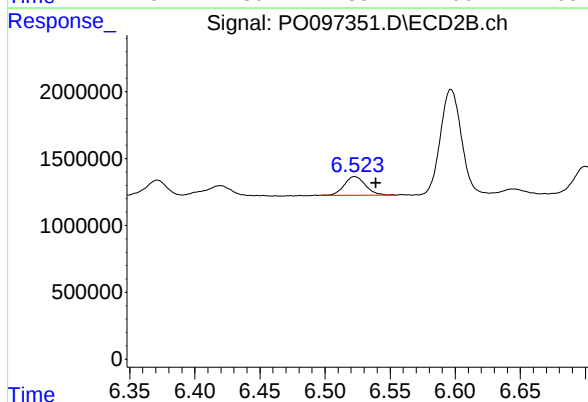
R.T.: 6.371 min
Delta R.T.: -0.014 min
Response: 1430400
Conc: 17.14 ng/ml



#33 AR-1260-3

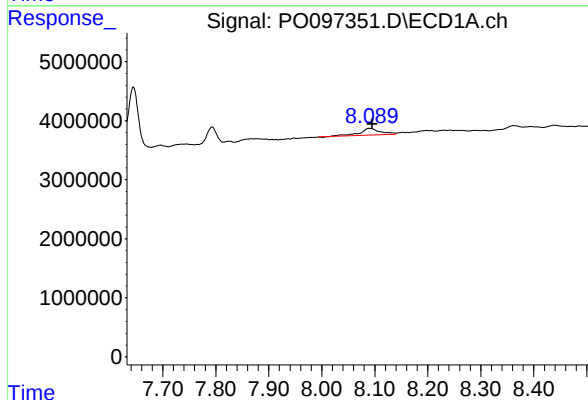
R.T.: 7.868 min
Delta R.T.: 0.004 min
Response: 717611
Conc: 6.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



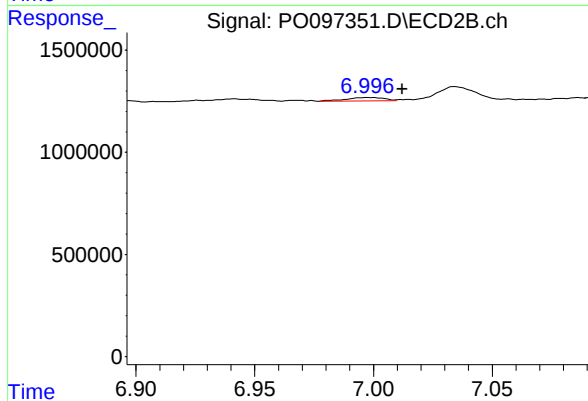
#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.016 min
Response: 1591608
Conc: 20.61 ng/ml



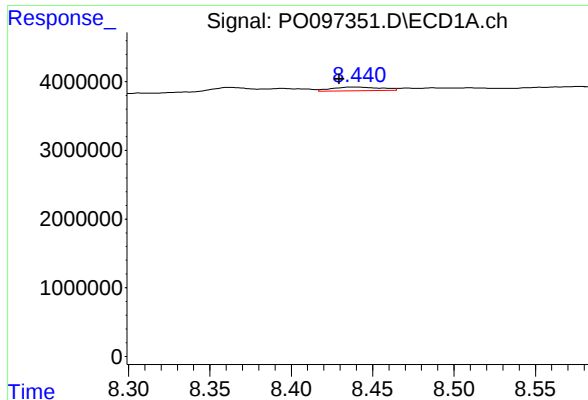
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.005 min
Response: 3128461
Conc: 27.98 ng/ml



#34 AR-1260-4

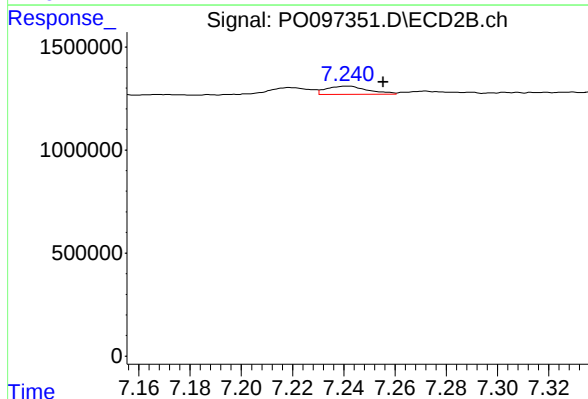
R.T.: 6.999 min
Delta R.T.: -0.013 min
Response: 196187
Conc: 3.06 ng/ml



#35 AR-1260-5

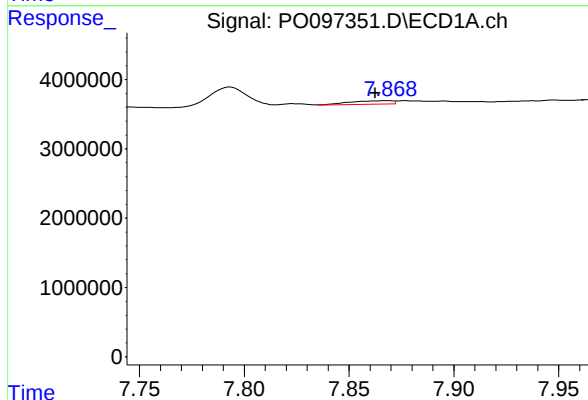
R.T.: 8.441 min
Delta R.T.: 0.011 min
Response: 1158424
Conc: 5.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



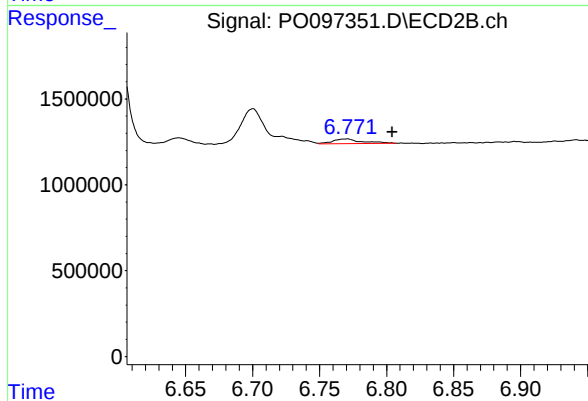
#35 AR-1260-5

R.T.: 7.241 min
Delta R.T.: -0.014 min
Response: 444211
Conc: 3.20 ng/ml



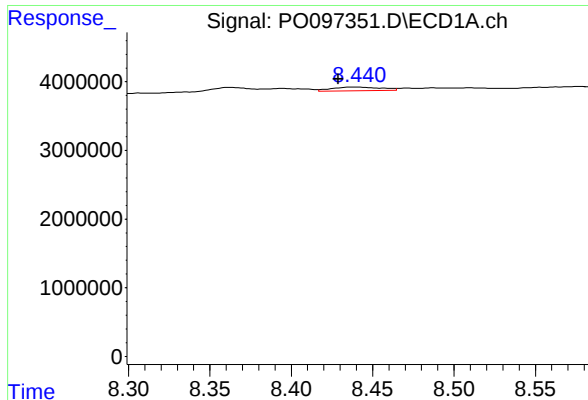
#36 AR-1262-1

R.T.: 7.868 min
Delta R.T.: 0.006 min
Response: 717611
Conc: 4.83 ng/ml



#36 AR-1262-1

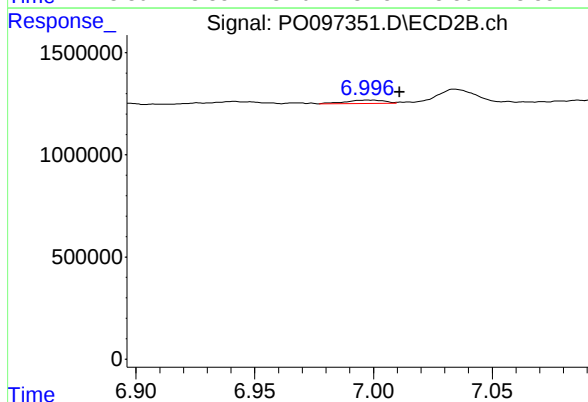
R.T.: 6.770 min
Delta R.T.: -0.034 min
Response: 419060
Conc: 10.64 ng/ml



#37 AR-1262-2

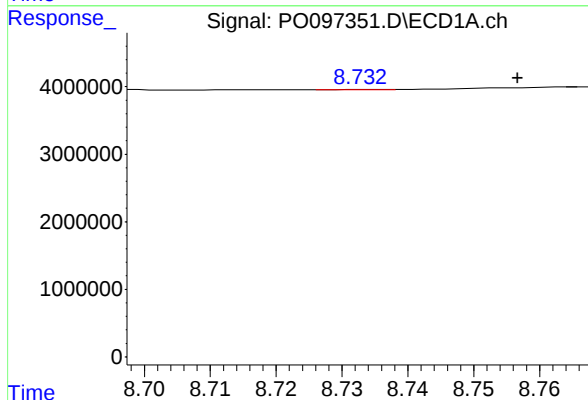
R.T.: 8.441 min
Delta R.T.: 0.012 min
Response: 1158424
Conc: 5.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



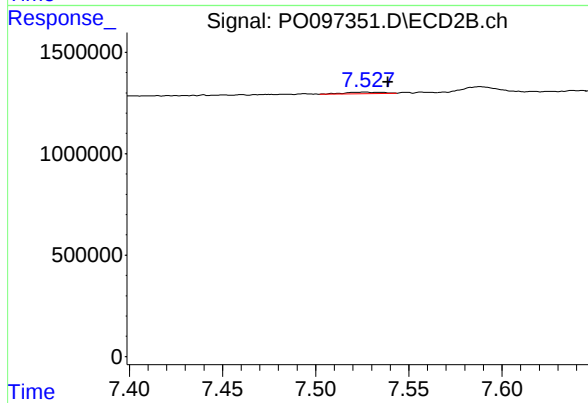
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: -0.012 min
Response: 196187
Conc: 2.42 ng/ml



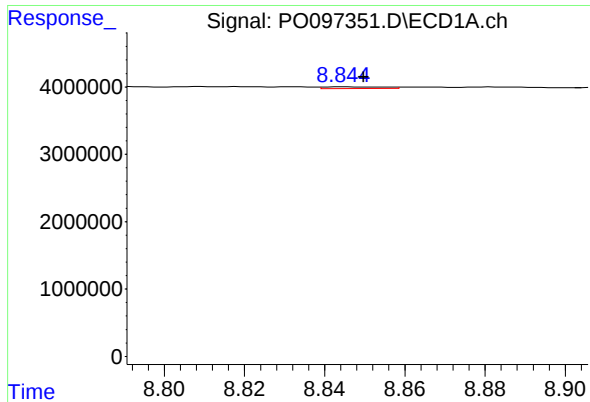
#38 AR-1262-3

R.T.: 8.733 min
Delta R.T.: -0.023 min
Response: 27580
Conc: 0.17 ng/ml



#38 AR-1262-3

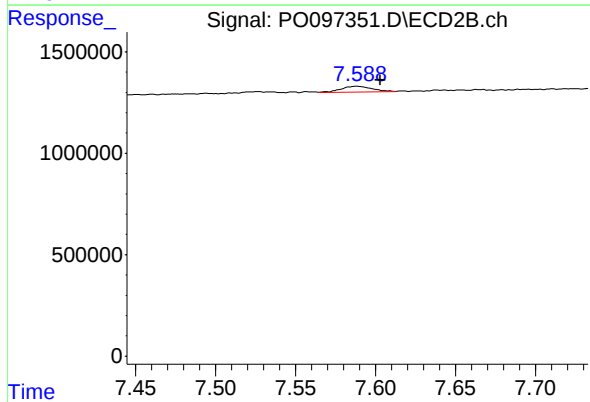
R.T.: 7.526 min
Delta R.T.: -0.012 min
Response: 114231
Conc: 1.78 ng/ml



#39 AR-1262-4

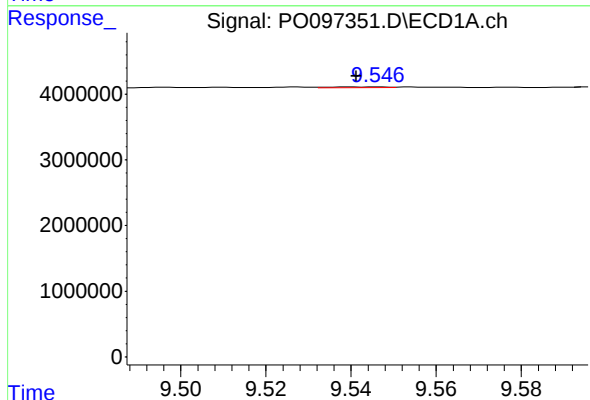
R.T.: 8.845 min
Delta R.T.: -0.005 min
Response: 261634
Conc: 3.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



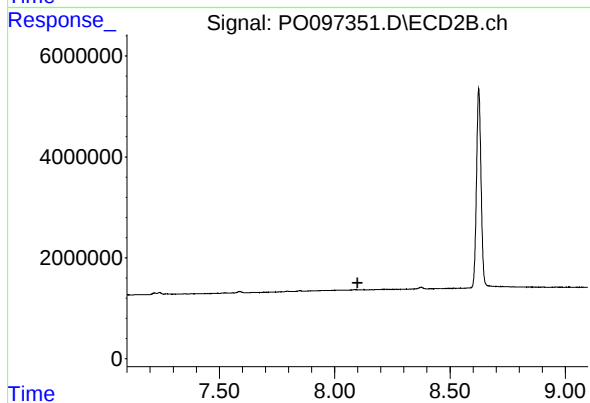
#39 AR-1262-4

R.T.: 7.588 min
Delta R.T.: -0.015 min
Response: 399996
Conc: 3.52 ng/ml



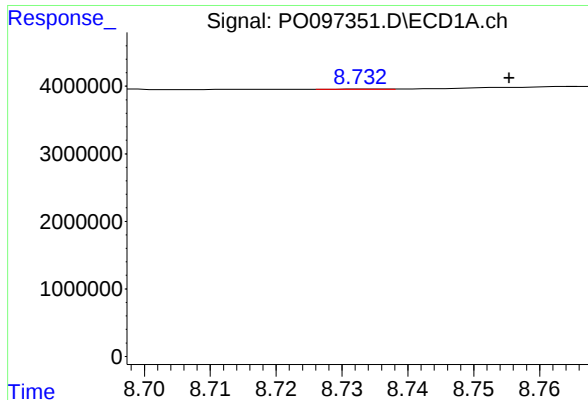
#40 AR-1262-5

R.T.: 9.540 min
Delta R.T.: -0.001 min
Response: 113833
Conc: 1.37 ng/ml



#40 AR-1262-5

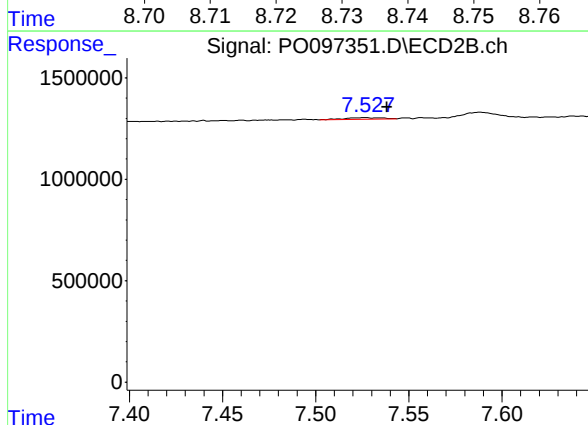
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

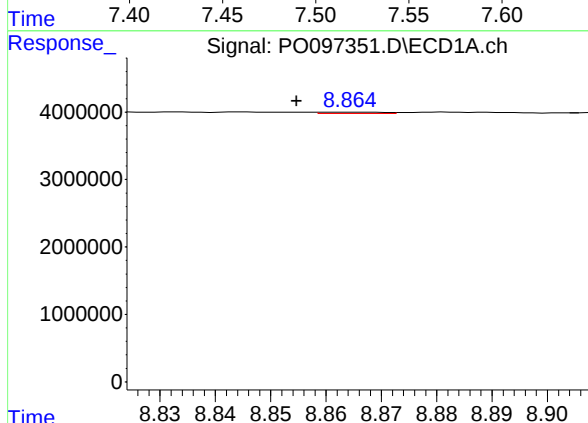
R.T.: 8.733 min
Delta R.T.: -0.022 min
Response: 27580
Conc: 0.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



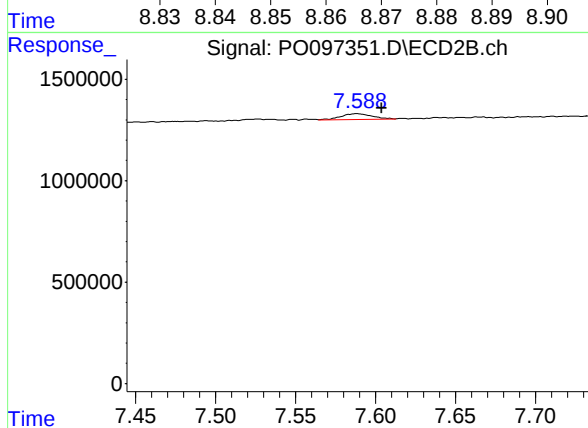
#41 AR-1268-1

R.T.: 7.526 min
Delta R.T.: -0.012 min
Response: 114231
Conc: 0.62 ng/ml



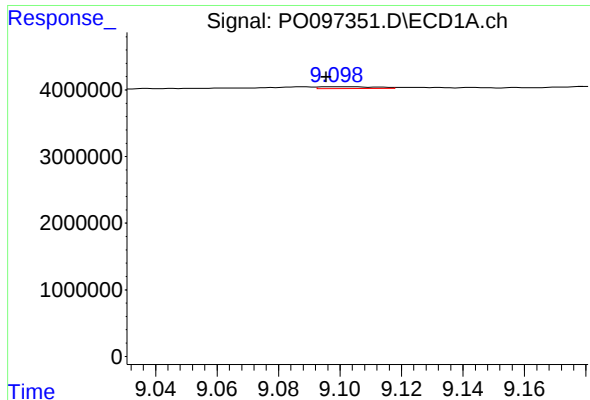
#42 AR-1268-2

R.T.: 8.863 min
Delta R.T.: 0.009 min
Response: 145734
Conc: 0.53 ng/ml



#42 AR-1268-2

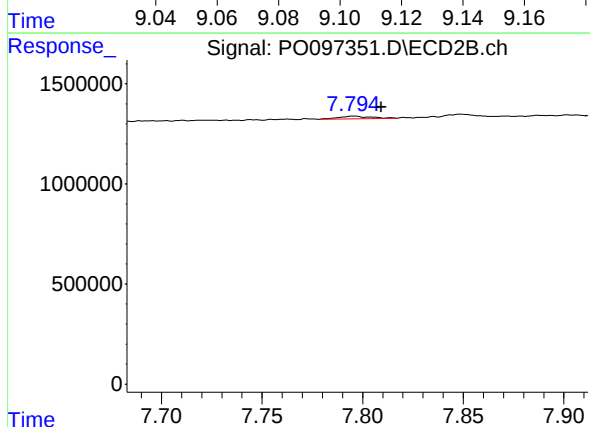
R.T.: 7.588 min
Delta R.T.: -0.015 min
Response: 399996
Conc: 2.39 ng/ml



#43 AR-1268-3

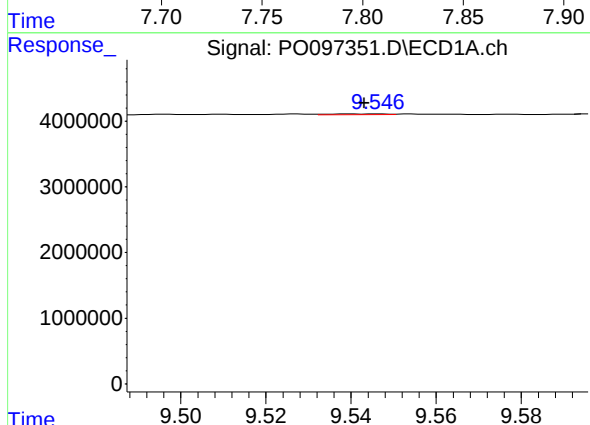
R.T.: 9.100 min
Delta R.T.: 0.004 min
Response: 365402
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



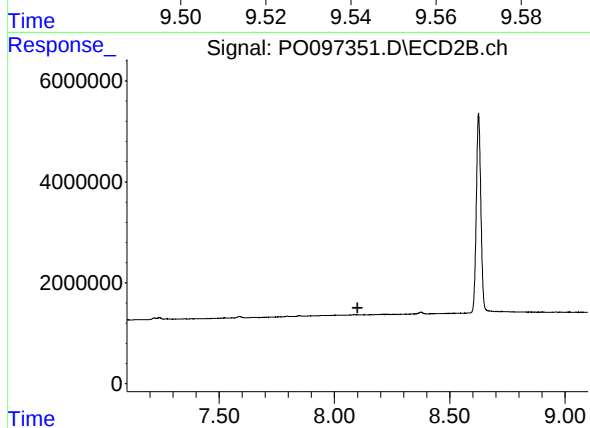
#43 AR-1268-3

R.T.: 7.796 min
Delta R.T.: -0.014 min
Response: 148156
Conc: 1.03 ng/ml



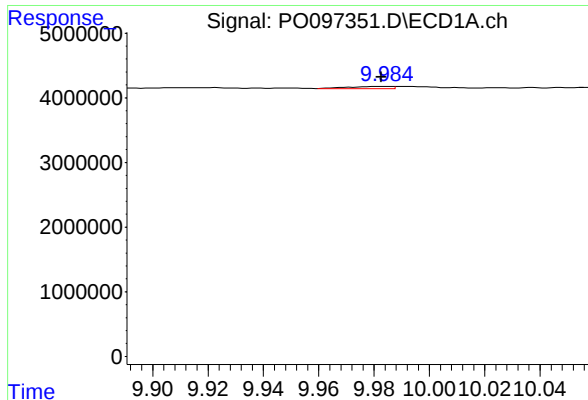
#44 AR-1268-4

R.T.: 9.540 min
Delta R.T.: -0.003 min
Response: 113833
Conc: 1.23 ng/ml



#44 AR-1268-4

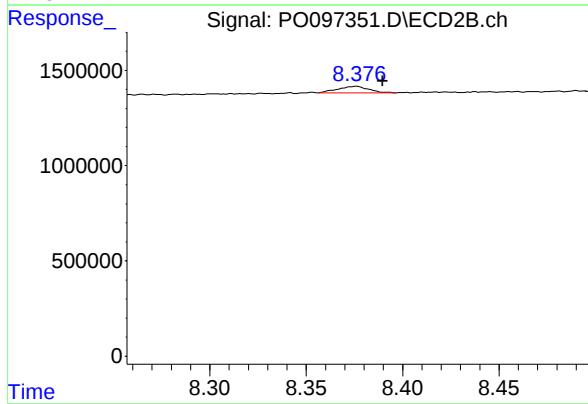
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.984 min
Delta R.T.: 0.000 min
Response: 391883
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.375 min
Delta R.T.: -0.014 min
Response: 374208
Conc: 0.90 ng/ml