

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097352.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 23:13
 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 22 01:56:09 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	162.5E6	63954695	49.082	48.312
2) SA Decachlor...	10.344	8.626	114.8E6	54866087	52.482	47.424
Target Compounds						
3) L1 AR-1016-1	5.595	4.714	1344757	547454	14.278	12.348
4) L1 AR-1016-2	5.621	4.714	1616276	547454	12.082	8.950 #
5) L1 AR-1016-3	5.682	4.893	751271	435412	8.633	13.328 #
6) L1 AR-1016-4	5.781	4.934	765704	15148848	11.399	529.932 #
7) L1 AR-1016-5	6.082	5.147	18520696	9586271	265.275	249.341
8) L2 AR-1221-1	4.596	3.778f	444940	229234	10.917	13.207
9) L2 AR-1221-2	4.719	3.912	2547522	884309	83.856	68.441
10) L2 AR-1221-3	4.784	3.988	508619	228694	5.811	5.761
11) L3 AR-1232-1	4.784	3.988	508619	228694	6.974	7.070
12) L3 AR-1232-2	5.323	4.714	943815	547454	23.806	18.974
13) L3 AR-1232-3	5.621	4.893	1616276	435412	26.422	28.718
14) L3 AR-1232-4	5.781	4.975	765704	4872049	25.094	326.006 #
15) L3 AR-1232-5	5.874	5.147	32719173	9586271	1169.244	586.432 #
16) L4 AR-1242-1	5.595	4.714	1344757	547454	16.044	13.886
17) L4 AR-1242-2	5.621	4.714	1616276	547454	13.725	10.047 #
18) L4 AR-1242-3	5.682	4.893	751271	435412	10.170	14.726 #
19) L4 AR-1242-4	5.781	4.975	765704	4872049	12.862	154.600 #
20) L4 AR-1242-5	6.539	5.500	15066145	34276557	273.832	940.728 #
21) L5 AR-1248-1	5.595	4.714	1344757	547454	22.950	19.508
22) L5 AR-1248-2	5.874	4.934	32719173	15148848	348.011	357.445
23) L5 AR-1248-3	6.082	4.975	18520696	4872049	189.356	111.069 #
24) L5 AR-1248-4	6.496	5.147	23089391	9586271	254.167	187.782 #
25) L5 AR-1248-5	6.539	5.541	15066145	4383039	171.039	93.751 #
26) L6 AR-1254-1	6.469	5.500	51726366	34276557	473.292	464.476
27) L6 AR-1254-2	6.693	5.649	76581090	30549955	474.988	463.719
28) L6 AR-1254-3	7.070	6.053	75137535	47018731	479.509	465.244
29) L6 AR-1254-4	7.364	6.283	50598085	27862322	501.875	481.424
30) L6 AR-1254-5	7.794	6.701	56651537	41048430	504.851	466.910
31) L7 AR-1260-1	7.239	6.183	31995248	23720531	254.561	337.092 #
32) L7 AR-1260-2	7.502	6.372	33245835	19337779	246.750	231.692
33) L7 AR-1260-3	7.857	6.524	8678515	18880706	83.629	244.507 #
34) L7 AR-1260-4	8.090	6.998	22395102	2013455	200.307	31.420 #
35) L7 AR-1260-5	8.437	7.241	8344349	4758640	39.739	34.325
36) L8 AR-1262-1	7.857	6.791	8678515	1270333	58.431	32.268 #
37) L8 AR-1262-2	8.437	6.998	8344349	2013455	36.050	24.825 #
38) L8 AR-1262-3	8.780	7.528	6963509	281375	41.748	4.385 #
39) L8 AR-1262-4	8.858	7.587	256529	4583333	3.519	40.346 #
40) L8 AR-1262-5	9.548	8.086	380375	180954	4.568	3.446
41) L9 AR-1268-1	8.780	7.528	6963509	281375	22.653	1.519 #

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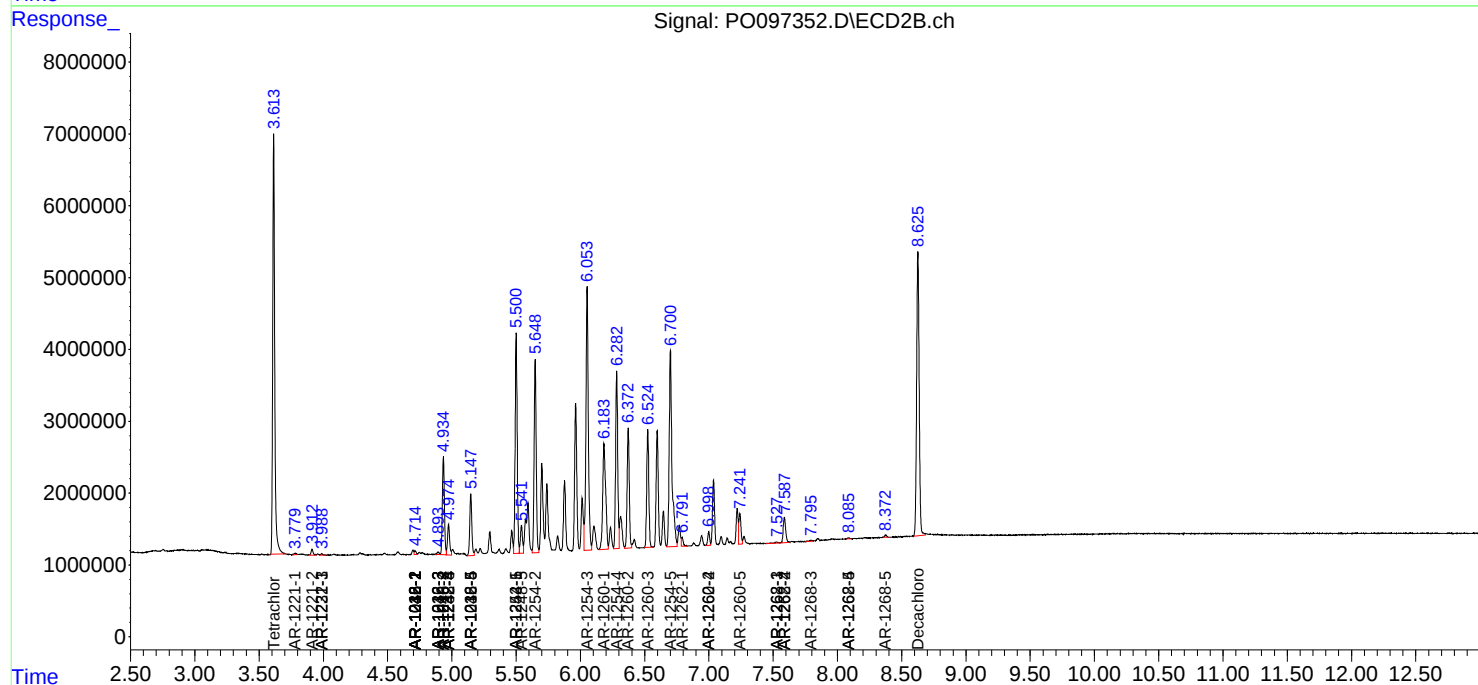
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

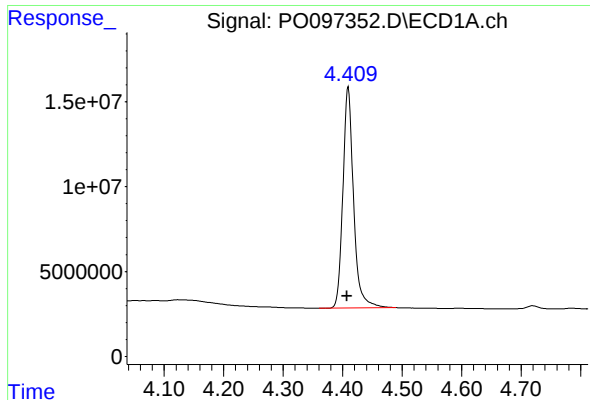
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.858	7.587	256529	4583333	0.936	27.333 #
43) L9	AR-1268-3	9.093	7.795	283029	204467	1.108	1.415 #
44) L9	AR-1268-4	9.548	8.086	380375	180954	4.103	3.038 #
45) L9	AR-1268-5	9.985	8.373	809975	349556	1.003	0.840

(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

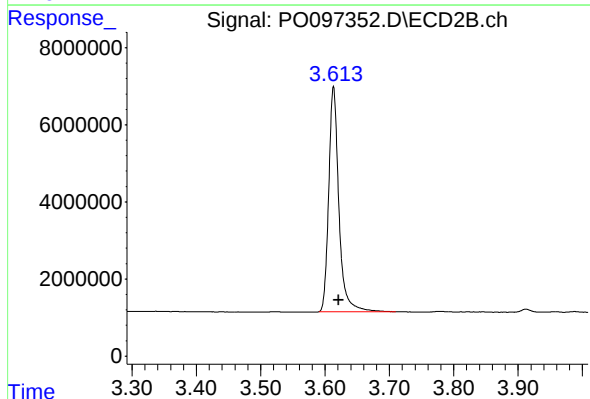




#1 Tetrachloro-m-xylene

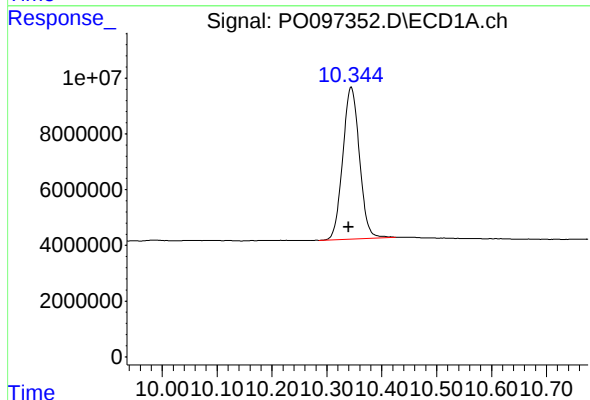
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 162469199
Conc: 49.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



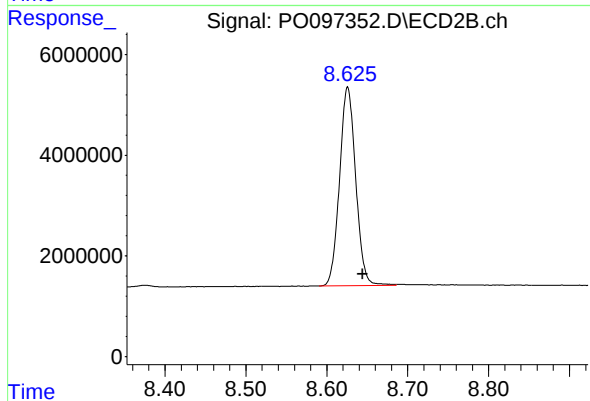
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 63954695
Conc: 48.31 ng/ml



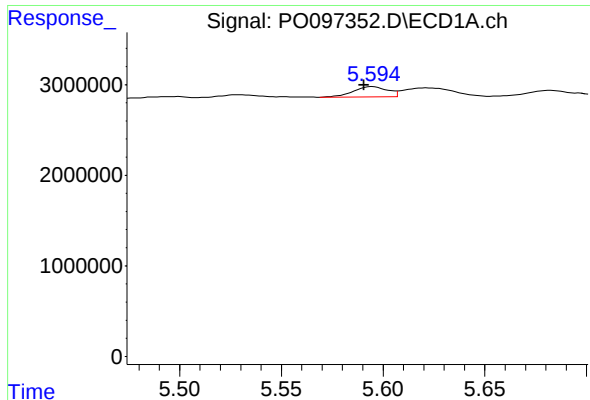
#2 Decachlorobiphenyl

R.T.: 10.344 min
Delta R.T.: 0.005 min
Response: 114840900
Conc: 52.48 ng/ml



#2 Decachlorobiphenyl

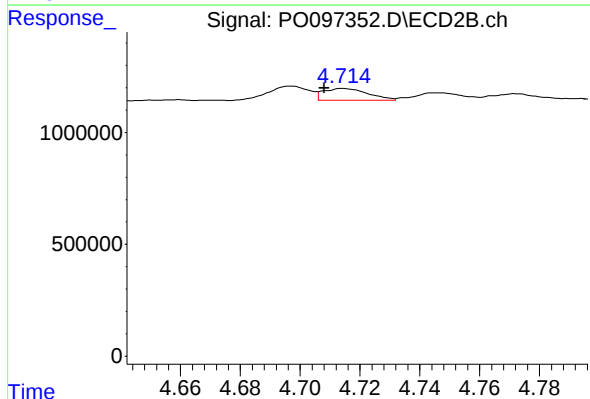
R.T.: 8.626 min
Delta R.T.: -0.018 min
Response: 54866087
Conc: 47.42 ng/ml



#3 AR-1016-1

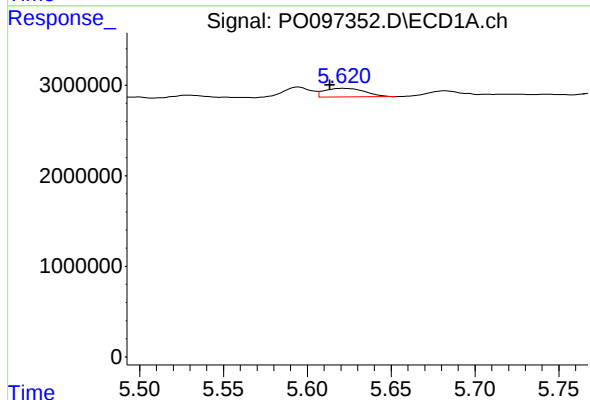
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1344757
Conc: 14.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



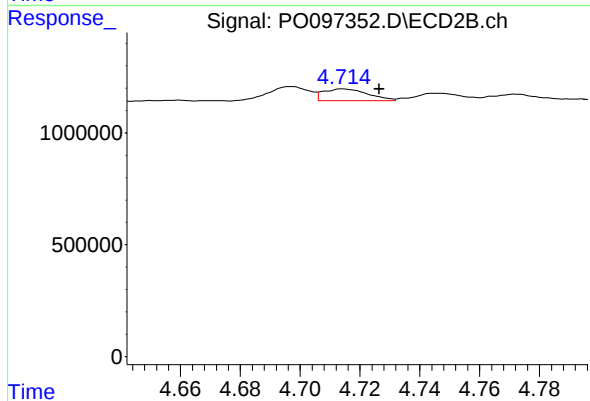
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: 0.006 min
Response: 547454
Conc: 12.35 ng/ml



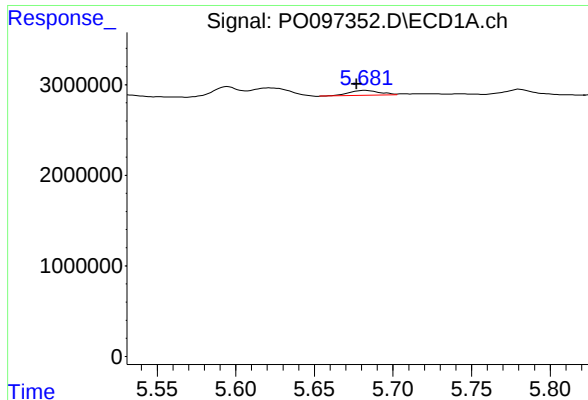
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 1616276
Conc: 12.08 ng/ml



#4 AR-1016-2

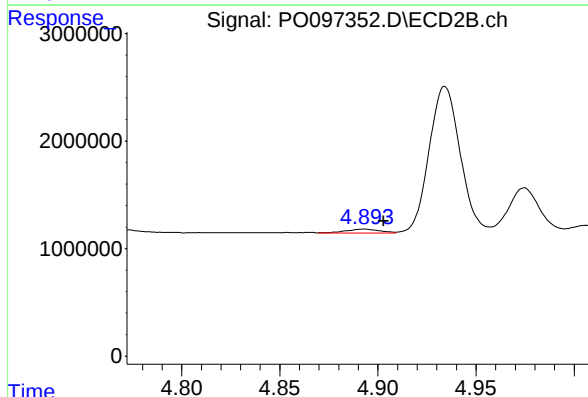
R.T.: 4.714 min
Delta R.T.: -0.012 min
Response: 547454
Conc: 8.95 ng/ml



#5 AR-1016-3

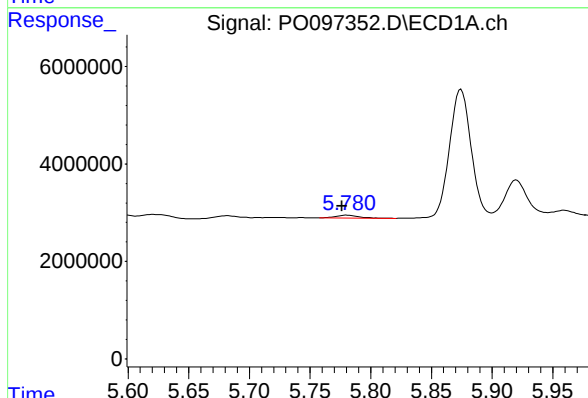
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 751271
Conc: 8.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



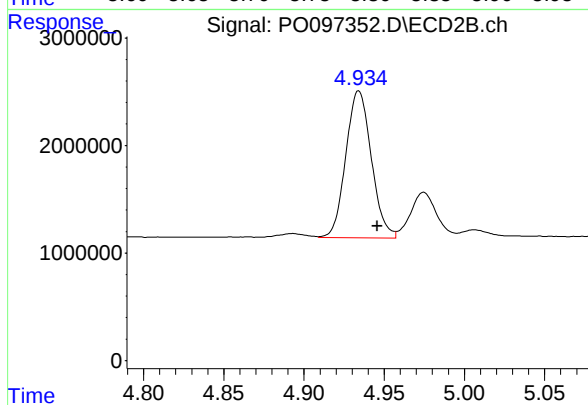
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 435412
Conc: 13.33 ng/ml



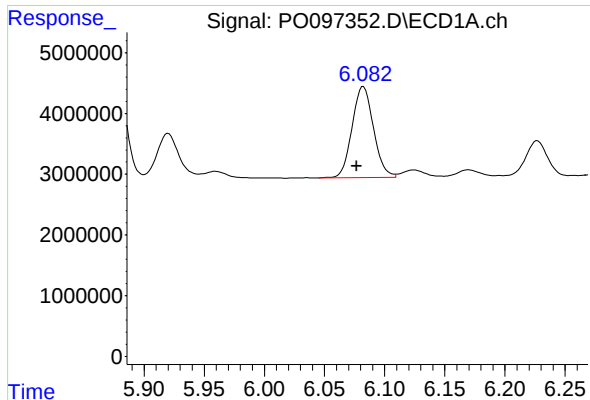
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 765704
Conc: 11.40 ng/ml



#6 AR-1016-4

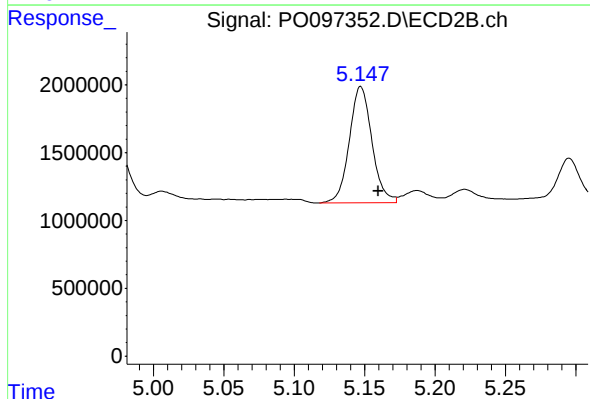
R.T.: 4.934 min
Delta R.T.: -0.011 min
Response: 15148848
Conc: 529.93 ng/ml



#7 AR-1016-5

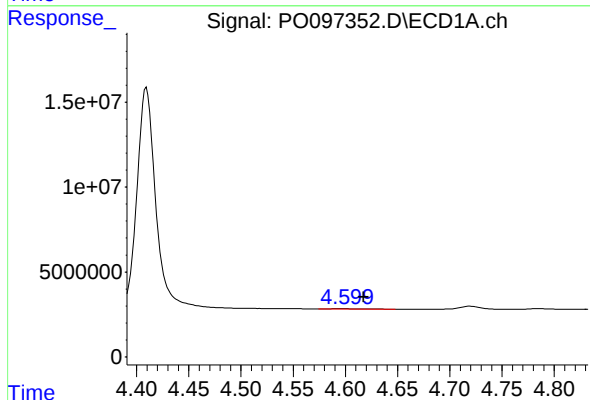
R.T.: 6.082 min
Delta R.T.: 0.006 min
Response: 18520696
Conc: 265.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



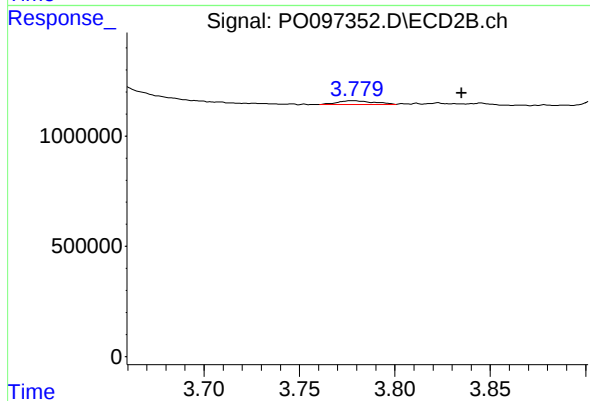
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 9586271
Conc: 249.34 ng/ml



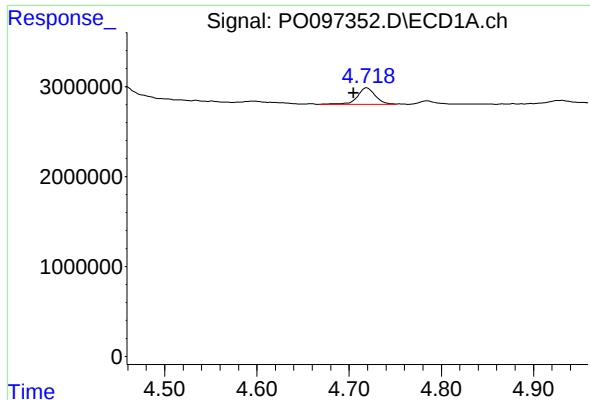
#8 AR-1221-1

R.T.: 4.596 min
Delta R.T.: -0.021 min
Response: 444940
Conc: 10.92 ng/ml



#8 AR-1221-1

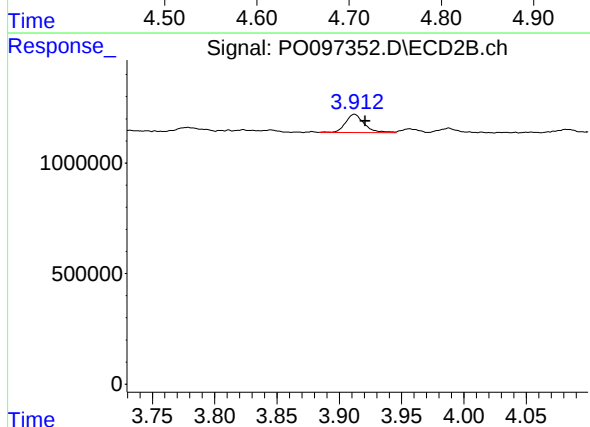
R.T.: 3.778 min
Delta R.T.: -0.057 min
Response: 229234
Conc: 13.21 ng/ml



#9 AR-1221-2

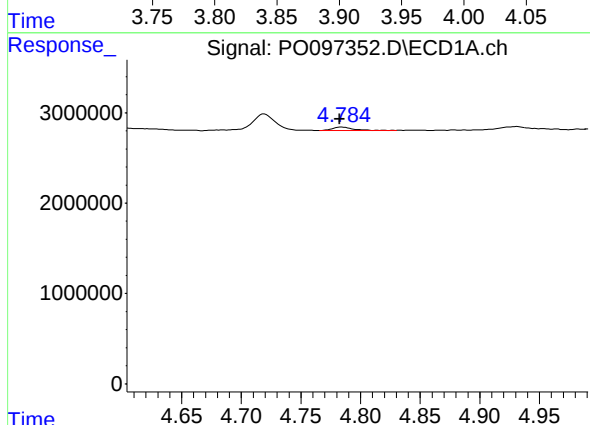
R.T.: 4.719 min
Delta R.T.: 0.014 min
Response: 2547522
Conc: 83.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



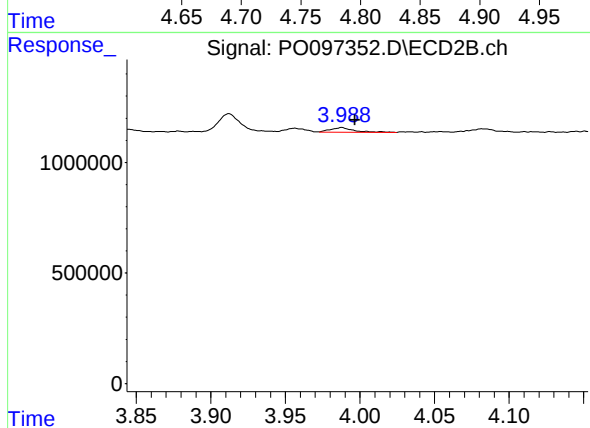
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.009 min
Response: 884309
Conc: 68.44 ng/ml



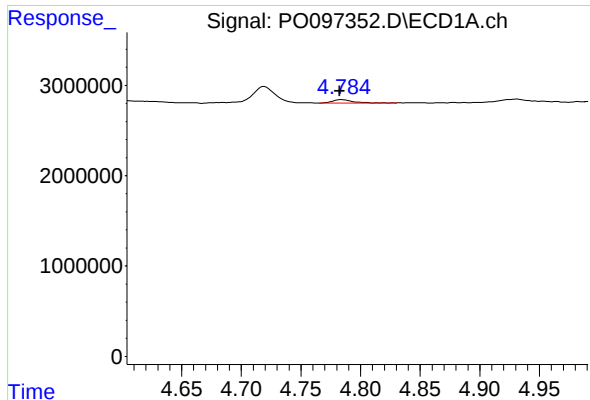
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 508619
Conc: 5.81 ng/ml



#10 AR-1221-3

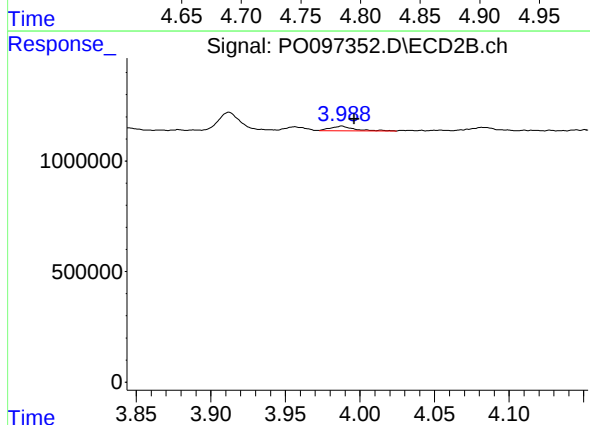
R.T.: 3.988 min
Delta R.T.: -0.009 min
Response: 228694
Conc: 5.76 ng/ml



#11 AR-1232-1

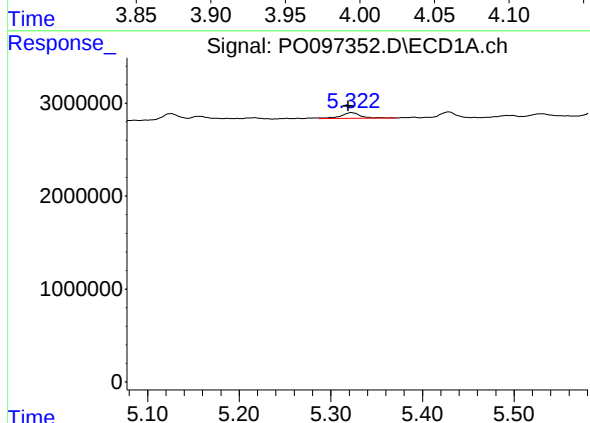
R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 508619
Conc: 6.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



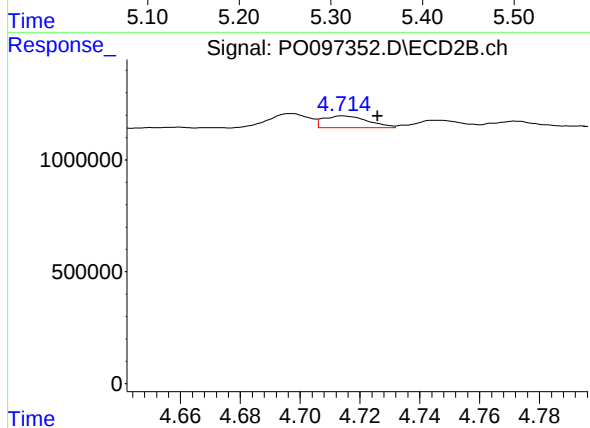
#11 AR-1232-1

R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 228694
Conc: 7.07 ng/ml



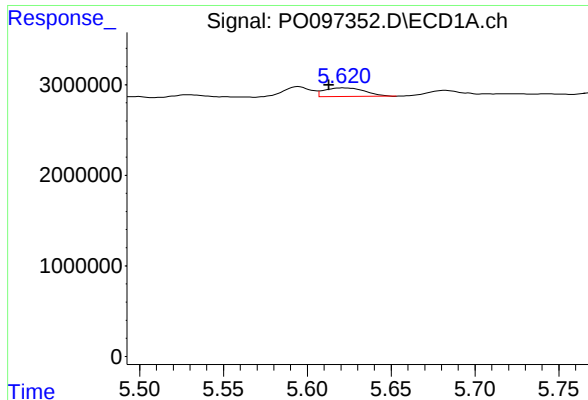
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 943815
Conc: 23.81 ng/ml



#12 AR-1232-2

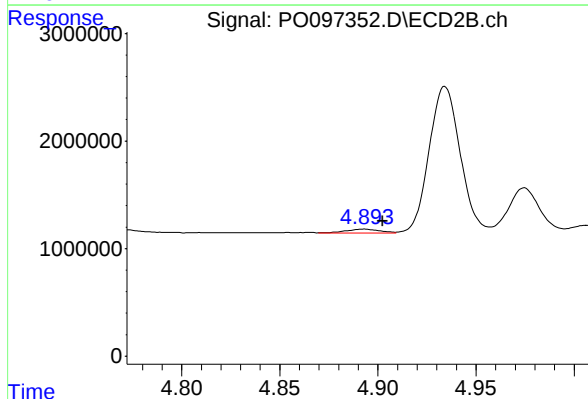
R.T.: 4.714 min
Delta R.T.: -0.011 min
Response: 547454
Conc: 18.97 ng/ml



#13 AR-1232-3

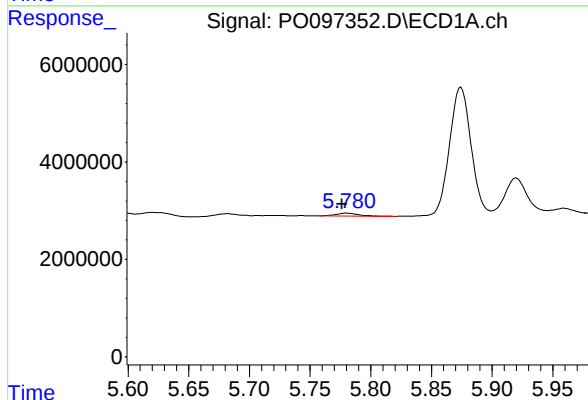
R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 1616276
Conc: 26.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



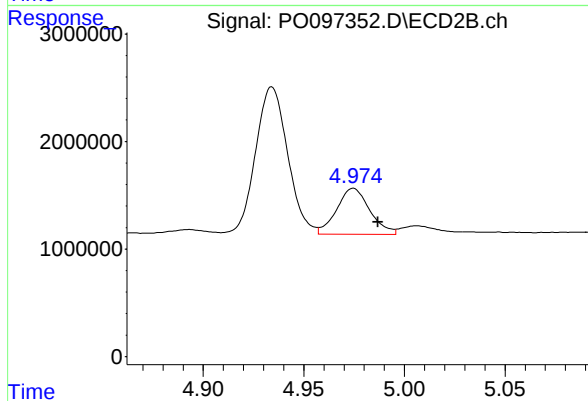
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 435412
Conc: 28.72 ng/ml



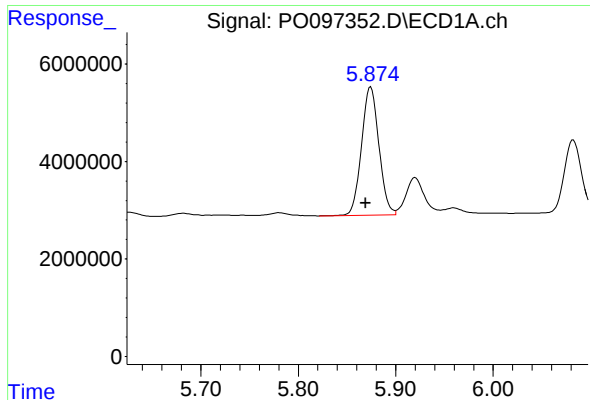
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 765704
Conc: 25.09 ng/ml



#14 AR-1232-4

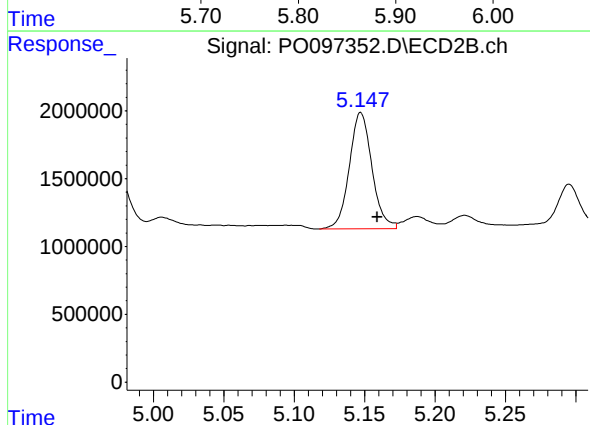
R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 4872049
Conc: 326.01 ng/ml



#15 AR-1232-5

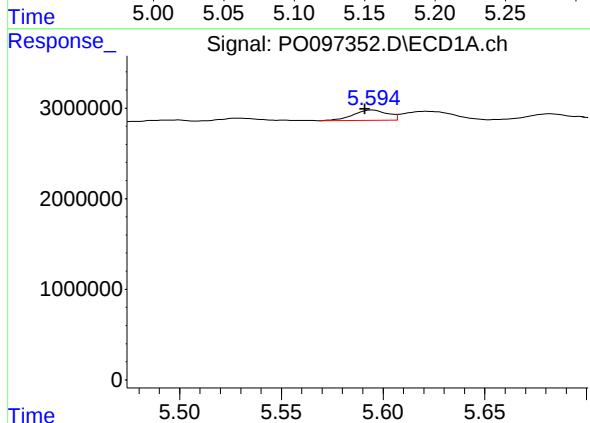
R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 32719173
Conc: 1169.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



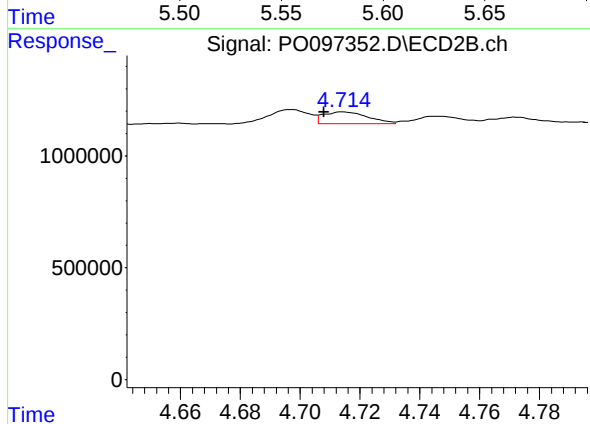
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 9586271
Conc: 586.43 ng/ml



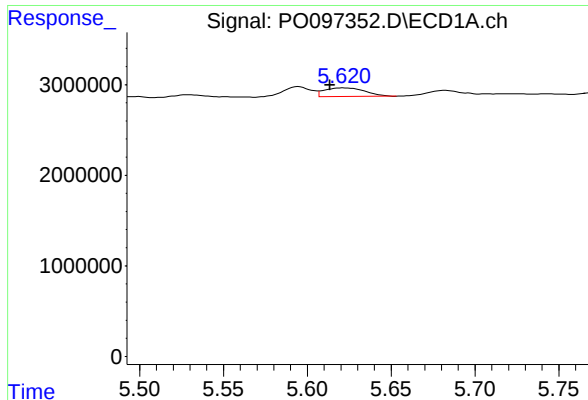
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1344757
Conc: 16.04 ng/ml



#16 AR-1242-1

R.T.: 4.714 min
Delta R.T.: 0.007 min
Response: 547454
Conc: 13.89 ng/ml



#17 AR-1242-2

R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 1616276
Conc: 13.72 ng/ml

Instrument :
ECD_O
ClientSampleId :

#17 AR-1242-2

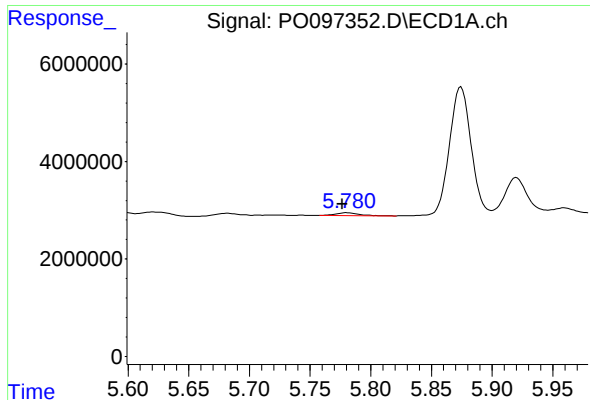
R.T.: 4.714 min
Delta R.T.: -0.012 min
Response: 547454
Conc: 10.05 ng/ml

#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 751271
Conc: 10.17 ng/ml

#18 AR-1242-3

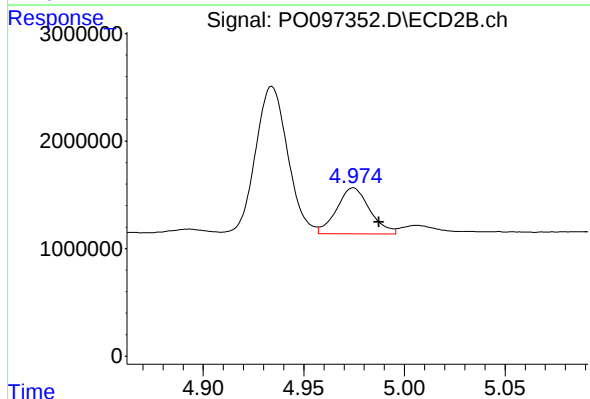
R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 435412
Conc: 14.73 ng/ml



#19 AR-1242-4

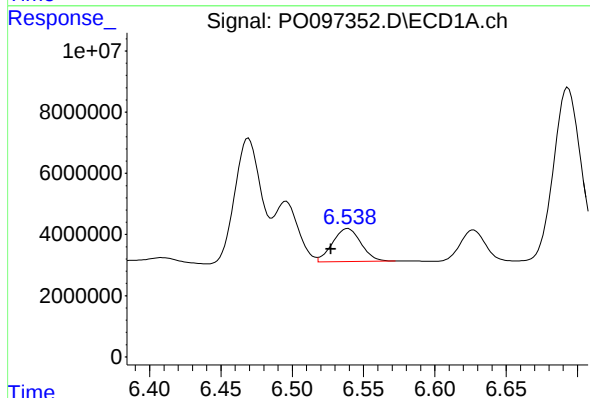
R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 765704
Conc: 12.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



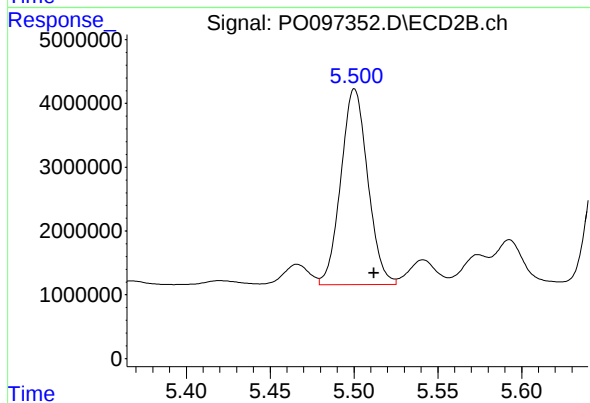
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.013 min
Response: 4872049
Conc: 154.60 ng/ml



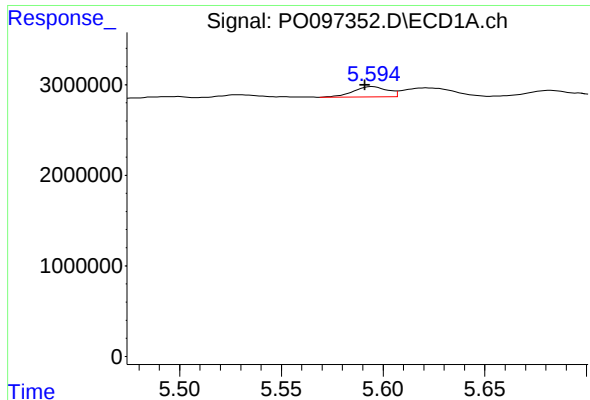
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 15066145
Conc: 273.83 ng/ml



#20 AR-1242-5

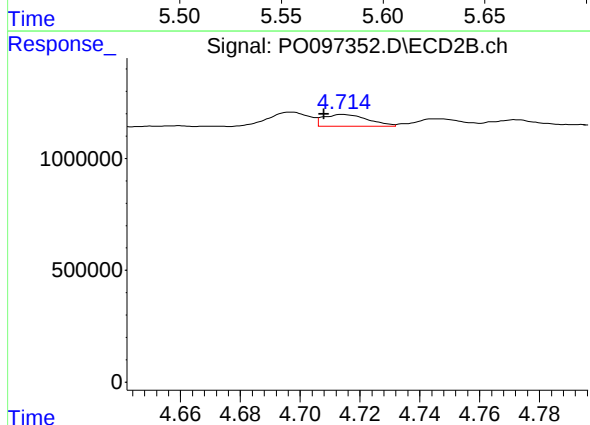
R.T.: 5.500 min
Delta R.T.: -0.012 min
Response: 34276557
Conc: 940.73 ng/ml



#21 AR-1248-1

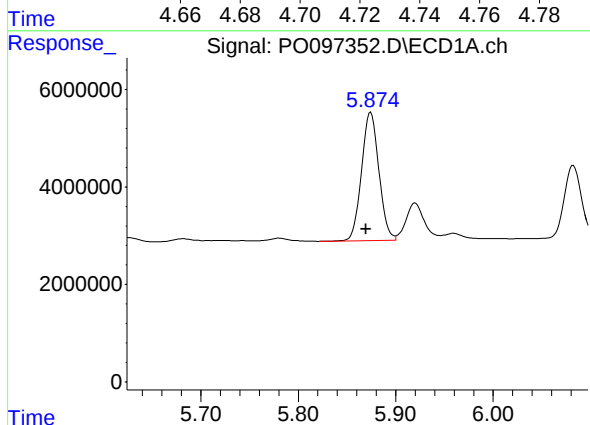
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1344757
Conc: 22.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



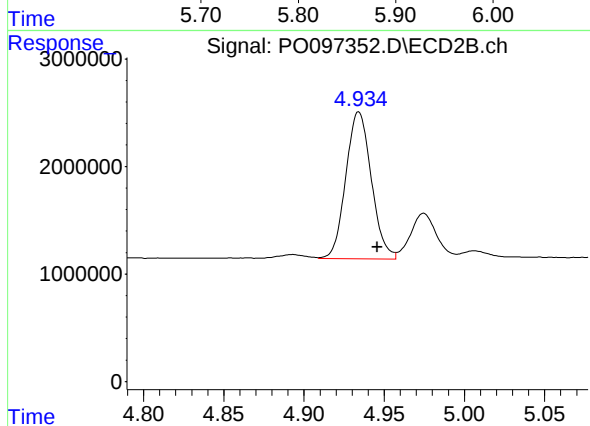
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: 0.006 min
Response: 547454
Conc: 19.51 ng/ml



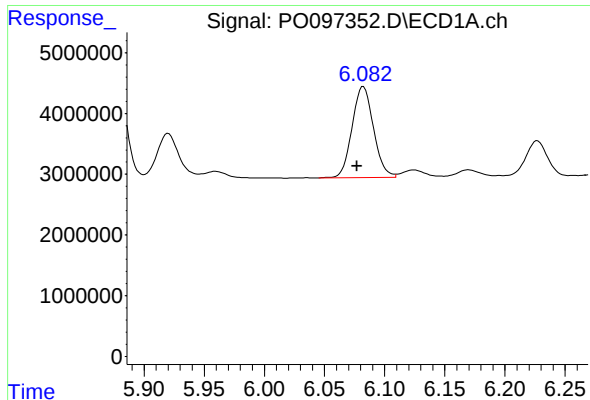
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.005 min
Response: 32719173
Conc: 348.01 ng/ml



#22 AR-1248-2

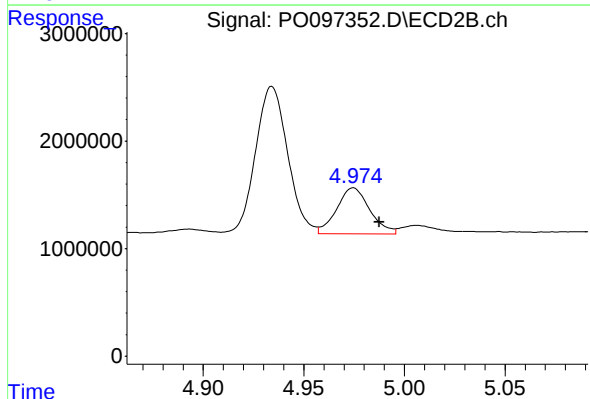
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 15148848
Conc: 357.44 ng/ml



#23 AR-1248-3

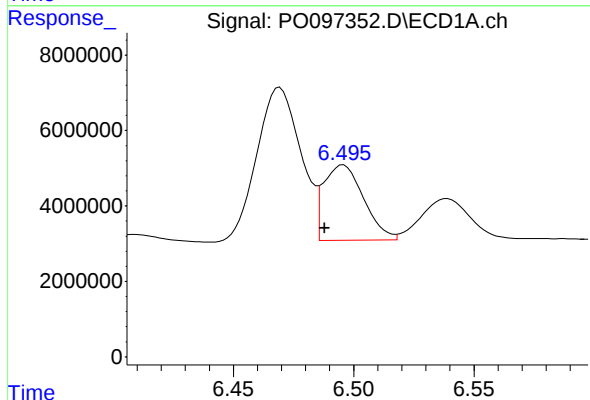
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 18520696
Conc: 189.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



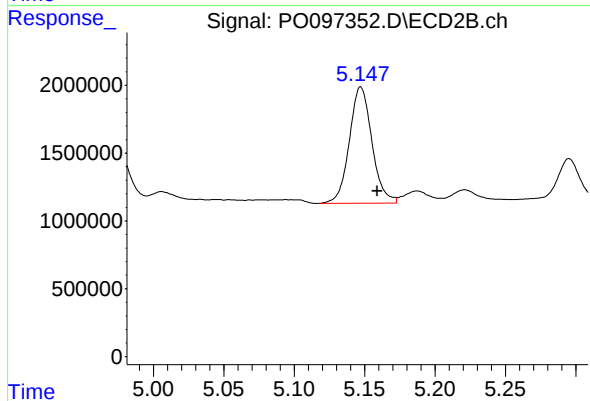
#23 AR-1248-3

R.T.: 4.975 min
Delta R.T.: -0.013 min
Response: 4872049
Conc: 111.07 ng/ml



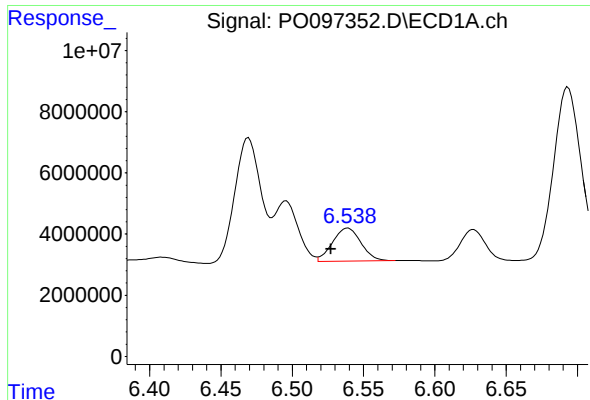
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.008 min
Response: 23089391
Conc: 254.17 ng/ml



#24 AR-1248-4

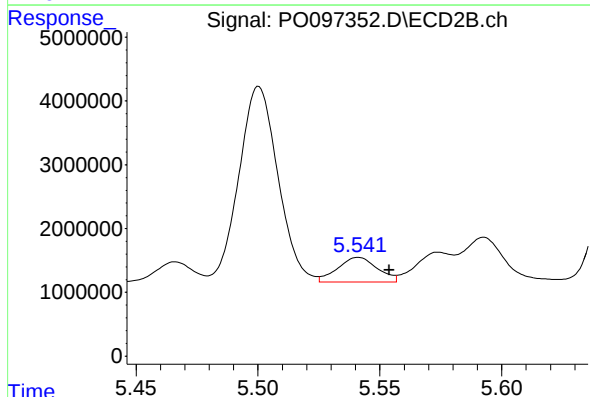
R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 9586271
Conc: 187.78 ng/ml



#25 AR-1248-5

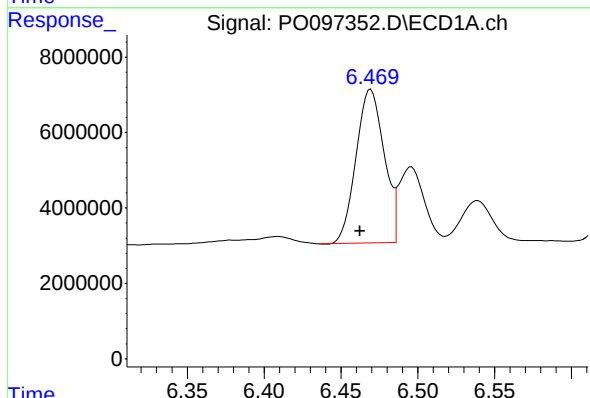
R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 15066145
Conc: 171.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



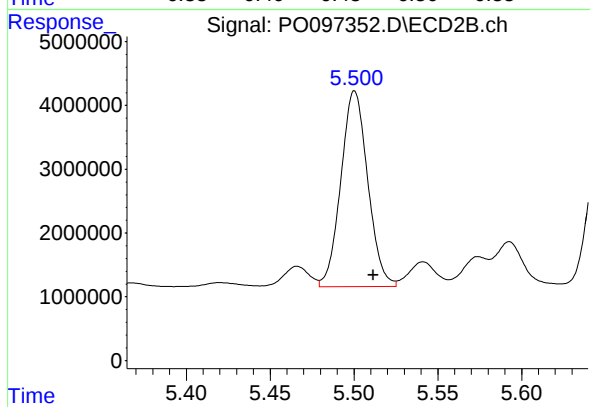
#25 AR-1248-5

R.T.: 5.541 min
Delta R.T.: -0.013 min
Response: 4383039
Conc: 93.75 ng/ml



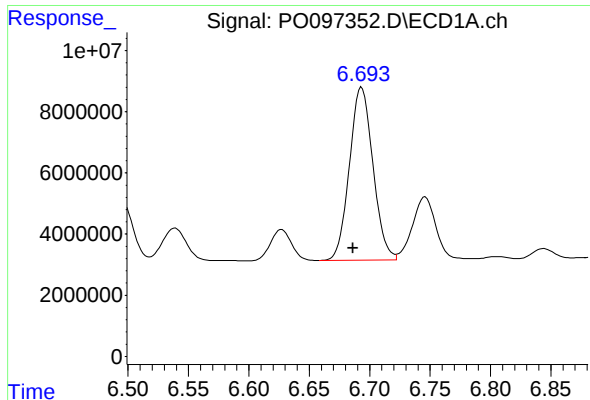
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.007 min
Response: 51726366
Conc: 473.29 ng/ml



#26 AR-1254-1

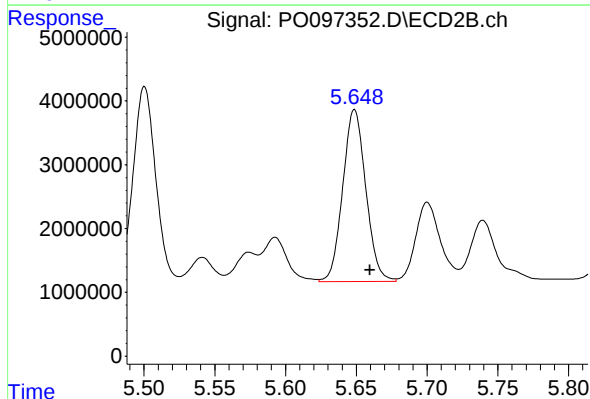
R.T.: 5.500 min
Delta R.T.: -0.011 min
Response: 34276557
Conc: 464.48 ng/ml



#27 AR-1254-2

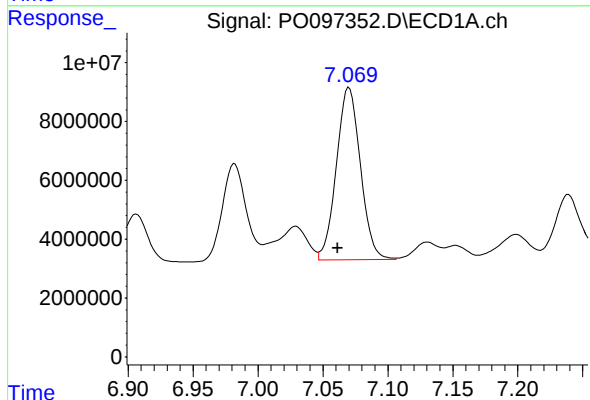
R.T.: 6.693 min
Delta R.T.: 0.007 min
Response: 76581090
Conc: 474.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



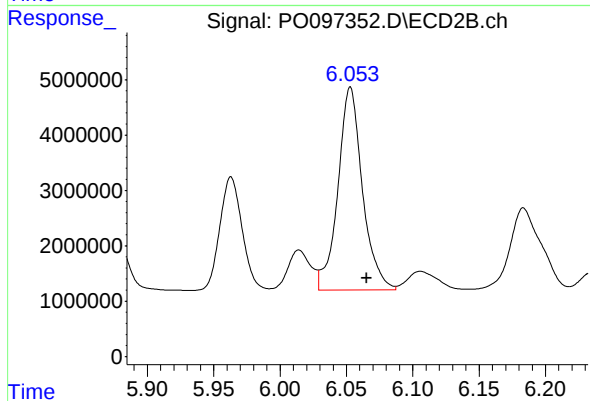
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: -0.011 min
Response: 30549955
Conc: 463.72 ng/ml



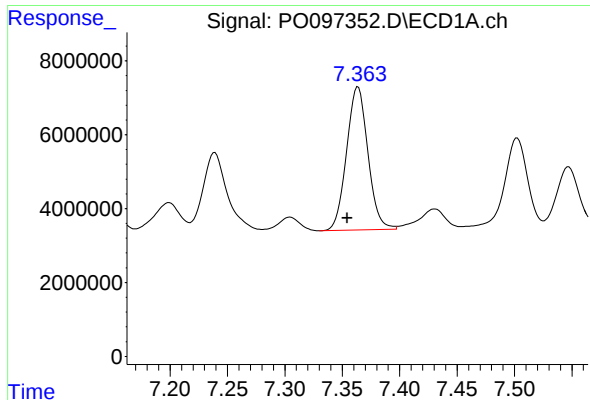
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 75137535
Conc: 479.51 ng/ml



#28 AR-1254-3

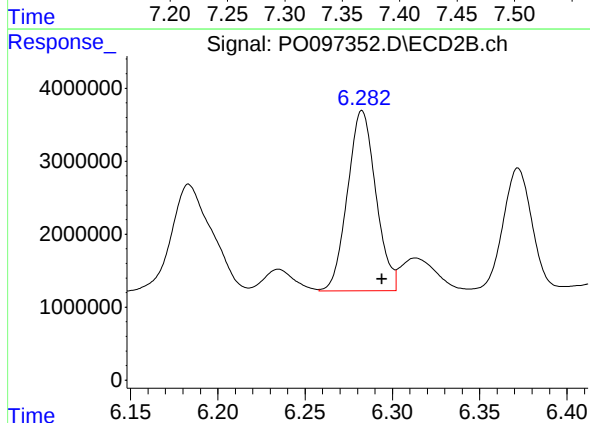
R.T.: 6.053 min
Delta R.T.: -0.012 min
Response: 47018731
Conc: 465.24 ng/ml



#29 AR-1254-4

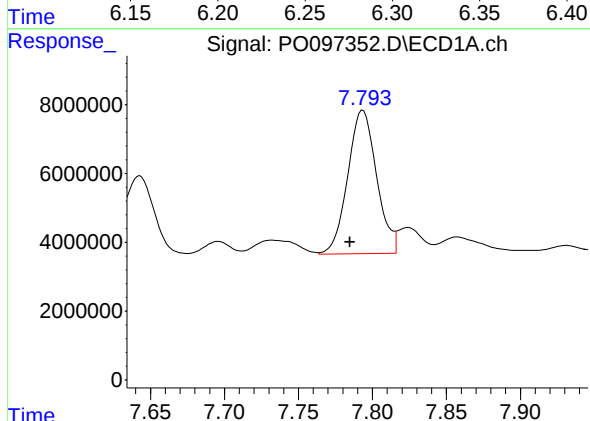
R.T.: 7.364 min
Delta R.T.: 0.009 min
Response: 50598085
Conc: 501.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



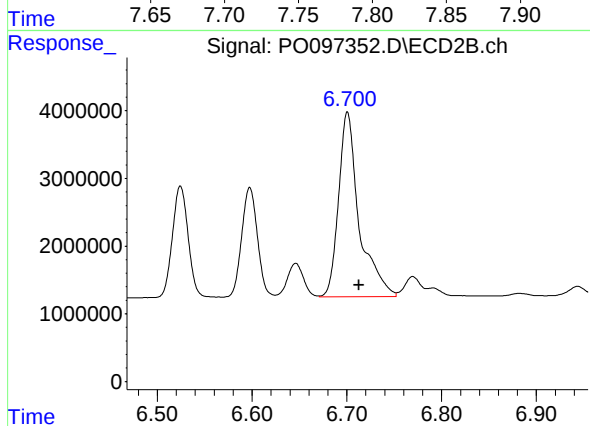
#29 AR-1254-4

R.T.: 6.283 min
Delta R.T.: -0.012 min
Response: 27862322
Conc: 481.42 ng/ml



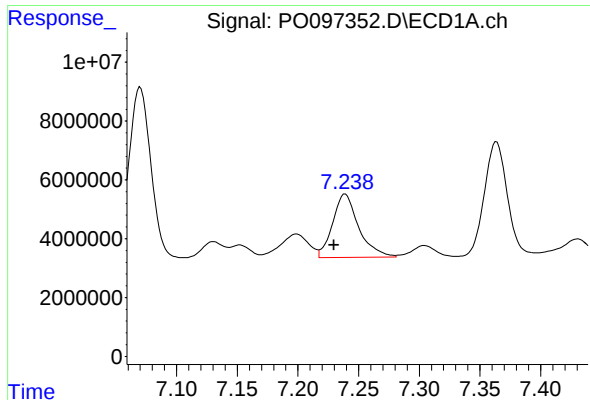
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.009 min
Response: 56651537
Conc: 504.85 ng/ml



#30 AR-1254-5

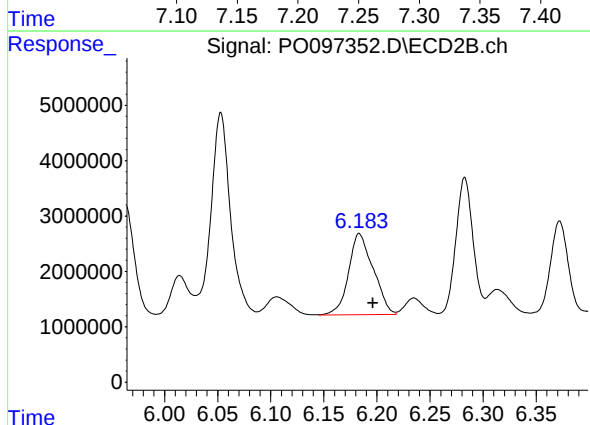
R.T.: 6.701 min
Delta R.T.: -0.012 min
Response: 41048430
Conc: 466.91 ng/ml



#31 AR-1260-1

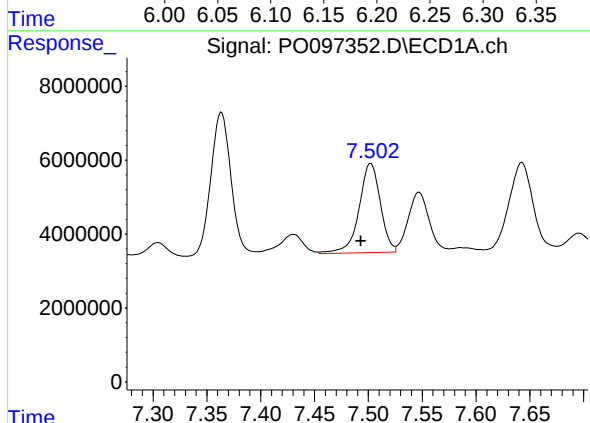
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 31995248
Conc: 254.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



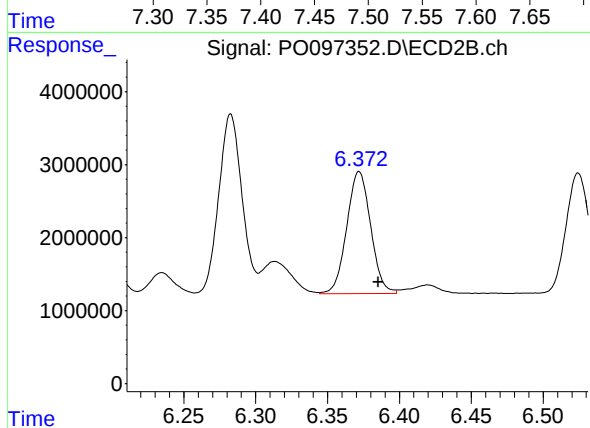
#31 AR-1260-1

R.T.: 6.183 min
Delta R.T.: -0.013 min
Response: 23720531
Conc: 337.09 ng/ml



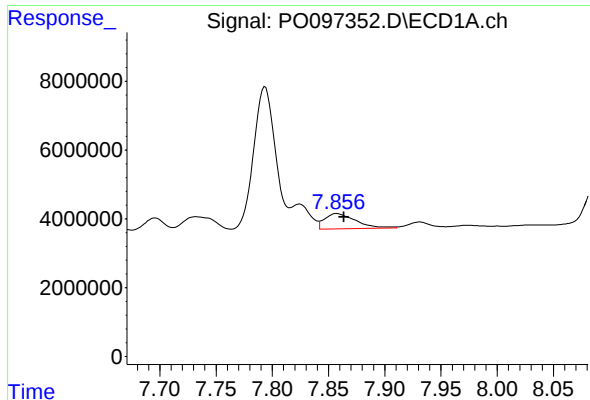
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.009 min
Response: 33245835
Conc: 246.75 ng/ml



#32 AR-1260-2

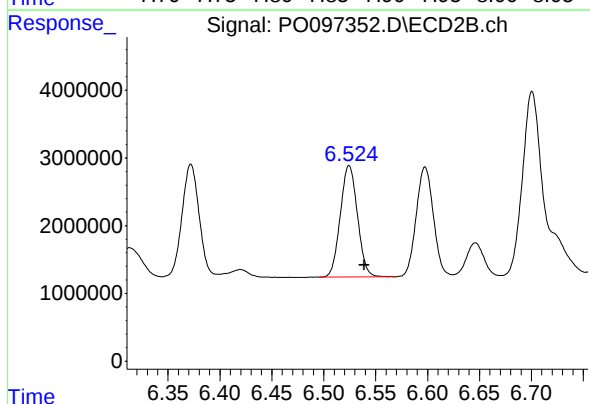
R.T.: 6.372 min
Delta R.T.: -0.013 min
Response: 19337779
Conc: 231.69 ng/ml



#33 AR-1260-3

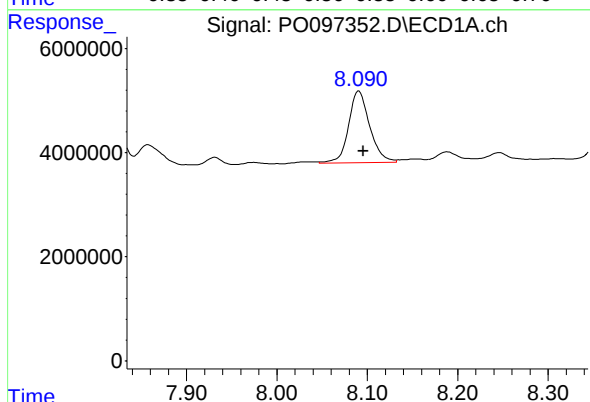
R.T.: 7.857 min
Delta R.T.: -0.006 min
Response: 8678515
Conc: 83.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



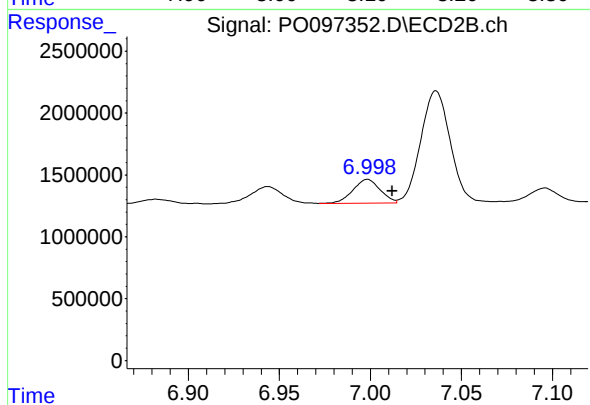
#33 AR-1260-3

R.T.: 6.524 min
Delta R.T.: -0.015 min
Response: 18880706
Conc: 244.51 ng/ml



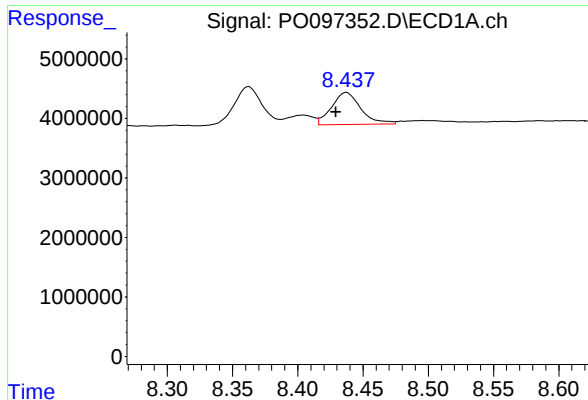
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.005 min
Response: 22395102
Conc: 200.31 ng/ml



#34 AR-1260-4

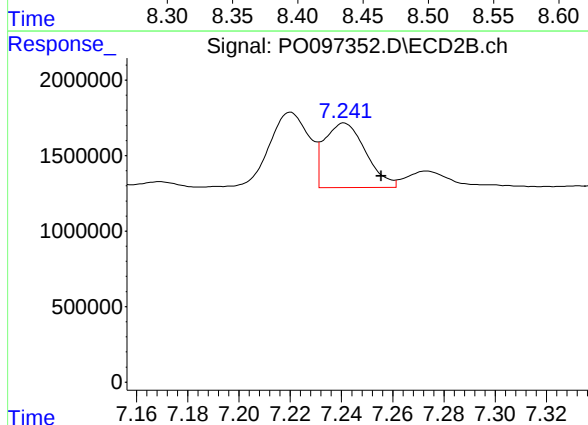
R.T.: 6.998 min
Delta R.T.: -0.014 min
Response: 2013455
Conc: 31.42 ng/ml



#35 AR-1260-5

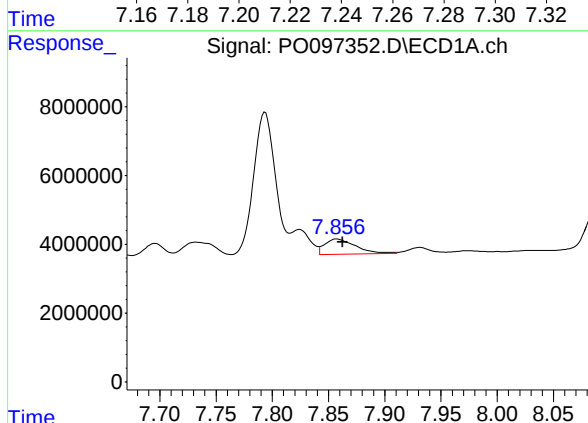
R.T.: 8.437 min
Delta R.T.: 0.008 min
Response: 8344349
Conc: 39.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



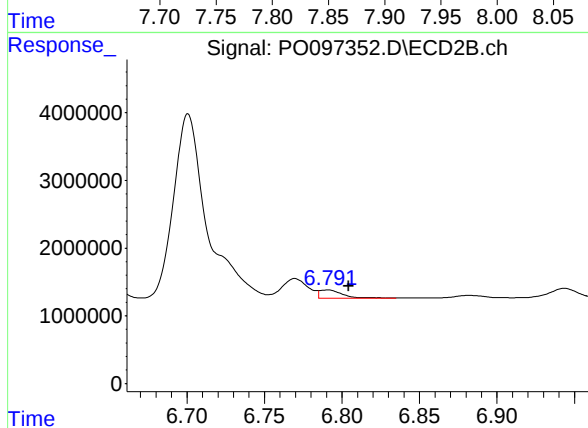
#35 AR-1260-5

R.T.: 7.241 min
Delta R.T.: -0.014 min
Response: 4758640
Conc: 34.33 ng/ml



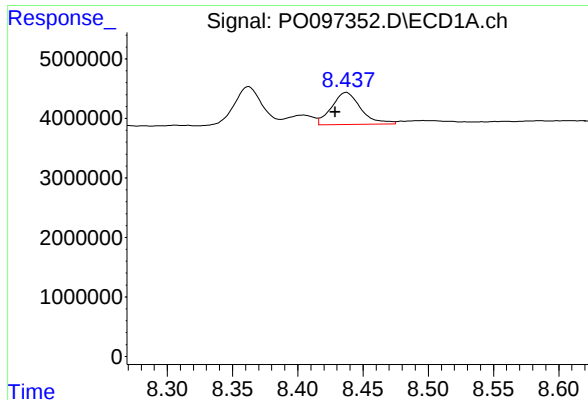
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: -0.005 min
Response: 8678515
Conc: 58.43 ng/ml



#36 AR-1262-1

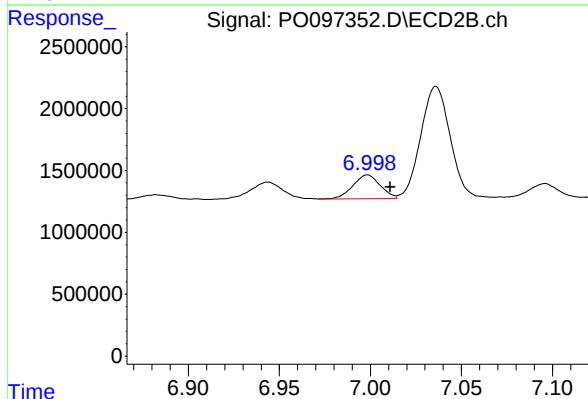
R.T.: 6.791 min
Delta R.T.: -0.013 min
Response: 1270333
Conc: 32.27 ng/ml



#37 AR-1262-2

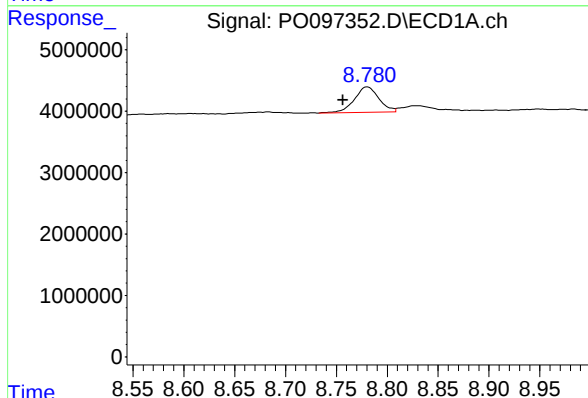
R.T.: 8.437 min
Delta R.T.: 0.008 min
Response: 8344349
Conc: 36.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



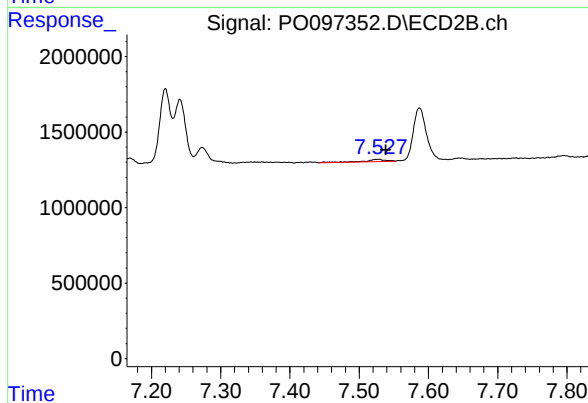
#37 AR-1262-2

R.T.: 6.998 min
Delta R.T.: -0.013 min
Response: 2013455
Conc: 24.83 ng/ml



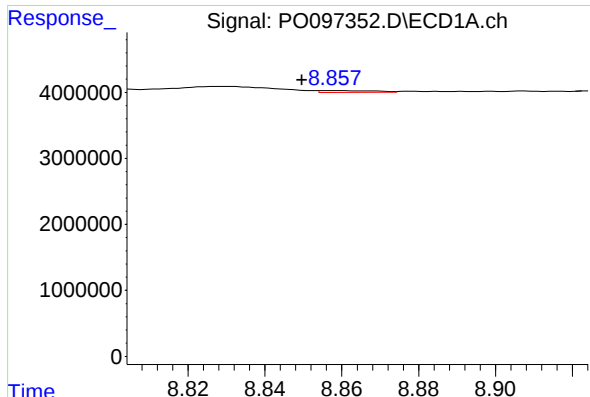
#38 AR-1262-3

R.T.: 8.780 min
Delta R.T.: 0.024 min
Response: 6963509
Conc: 41.75 ng/ml



#38 AR-1262-3

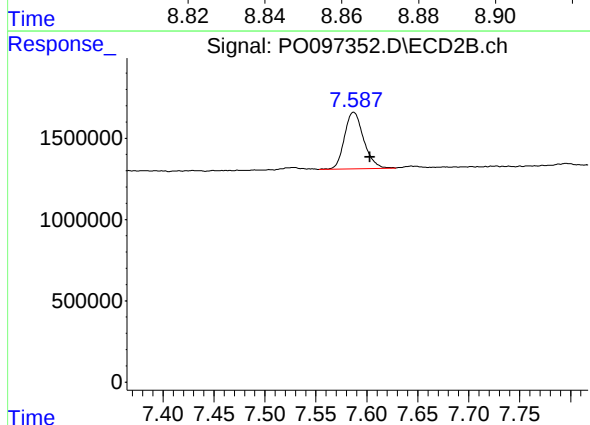
R.T.: 7.528 min
Delta R.T.: -0.011 min
Response: 281375
Conc: 4.38 ng/ml



#39 AR-1262-4

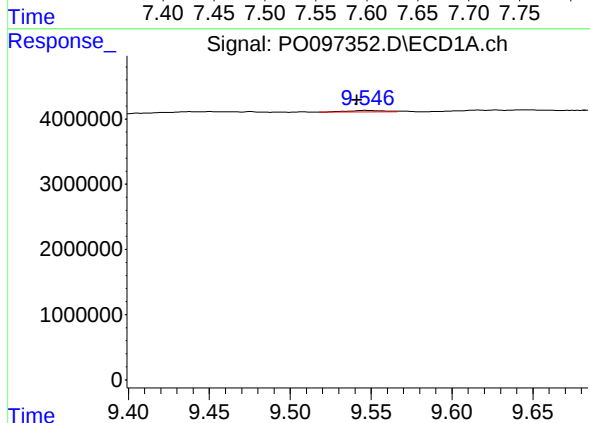
R.T.: 8.858 min
Delta R.T.: 0.009 min
Response: 256529
Conc: 3.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



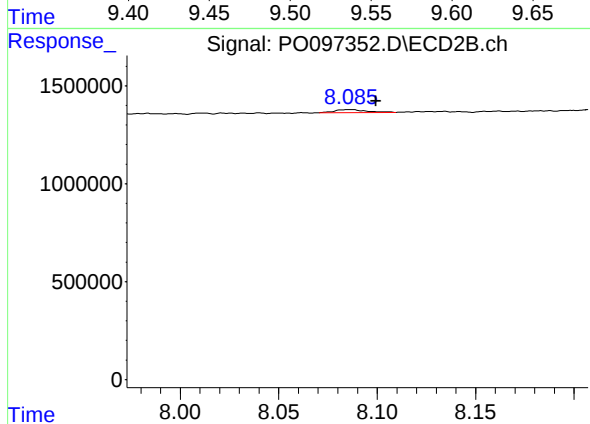
#39 AR-1262-4

R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 4583333
Conc: 40.35 ng/ml



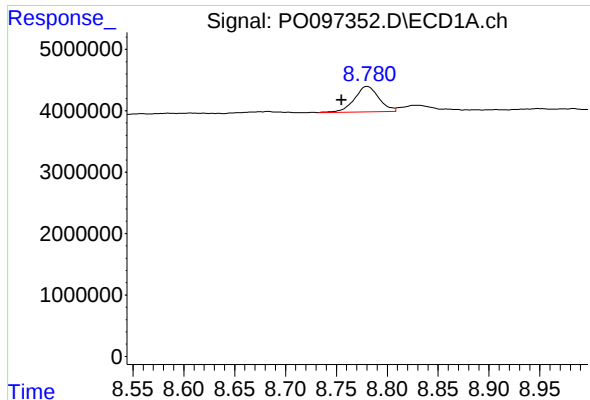
#40 AR-1262-5

R.T.: 9.548 min
Delta R.T.: 0.006 min
Response: 380375
Conc: 4.57 ng/ml



#40 AR-1262-5

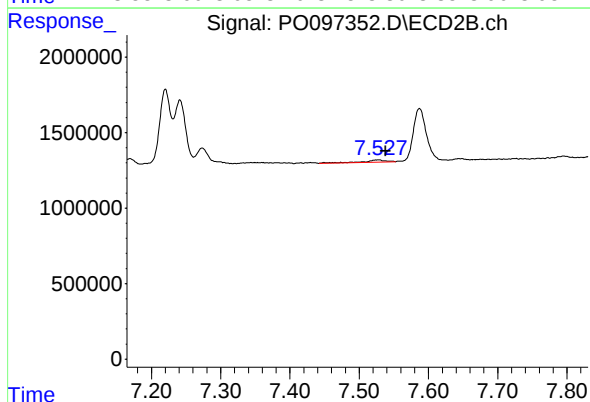
R.T.: 8.086 min
Delta R.T.: -0.013 min
Response: 180954
Conc: 3.45 ng/ml



#41 AR-1268-1

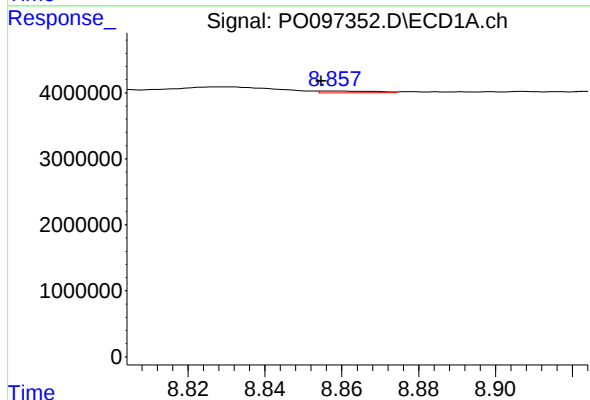
R.T.: 8.780 min
Delta R.T.: 0.025 min
Response: 6963509
Conc: 22.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



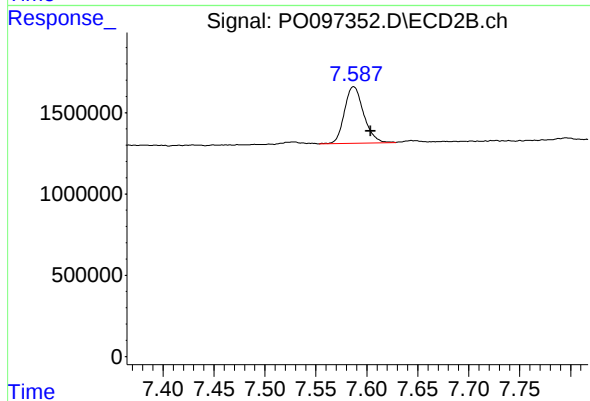
#41 AR-1268-1

R.T.: 7.528 min
Delta R.T.: -0.010 min
Response: 281375
Conc: 1.52 ng/ml



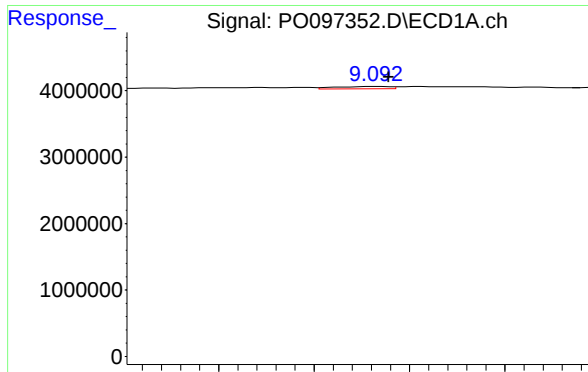
#42 AR-1268-2

R.T.: 8.858 min
Delta R.T.: 0.004 min
Response: 256529
Conc: 0.94 ng/ml



#42 AR-1268-2

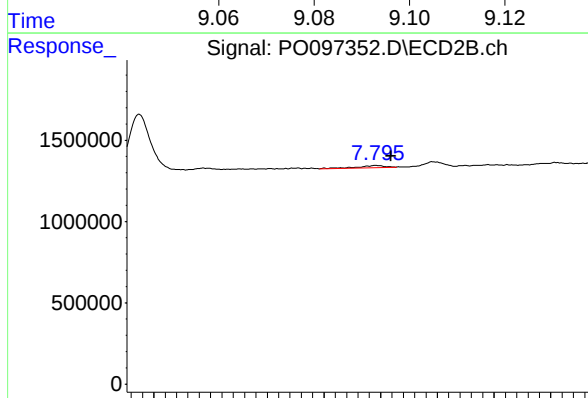
R.T.: 7.587 min
Delta R.T.: -0.017 min
Response: 4583333
Conc: 27.33 ng/ml



#43 AR-1268-3

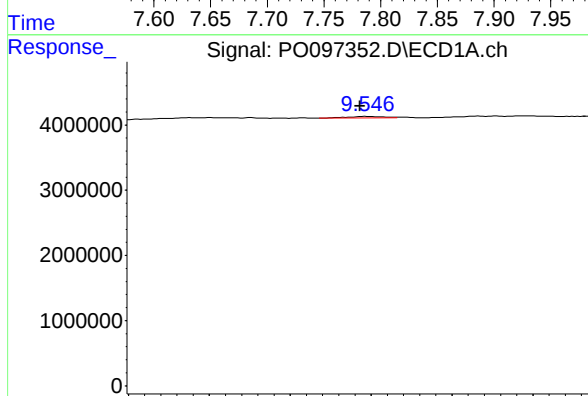
R.T.: 9.093 min
Delta R.T.: -0.003 min
Response: 283029
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



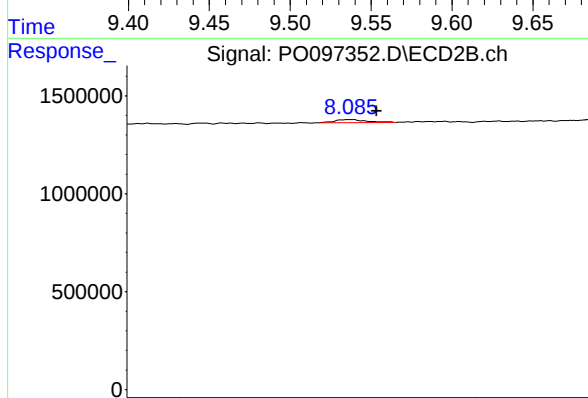
#43 AR-1268-3

R.T.: 7.795 min
Delta R.T.: -0.014 min
Response: 204467
Conc: 1.42 ng/ml



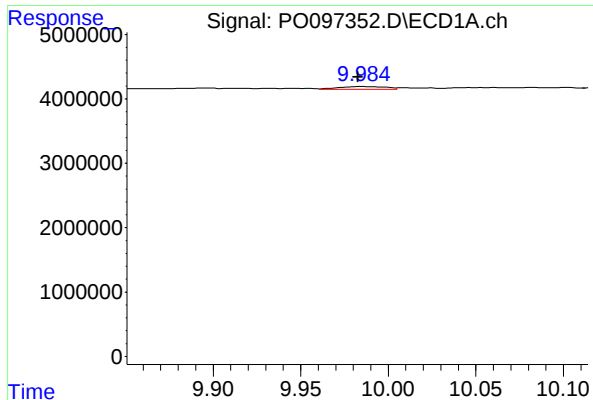
#44 AR-1268-4

R.T.: 9.548 min
Delta R.T.: 0.004 min
Response: 380375
Conc: 4.10 ng/ml



#44 AR-1268-4

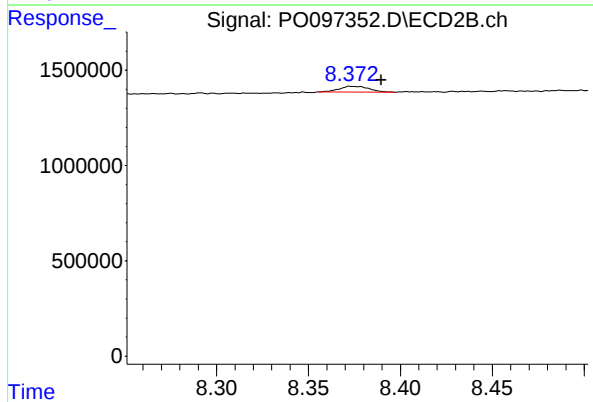
R.T.: 8.086 min
Delta R.T.: -0.014 min
Response: 180954
Conc: 3.04 ng/ml



#45 AR-1268-5

R.T.: 9.985 min
Delta R.T.: 0.002 min
Response: 809975
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.373 min
Delta R.T.: -0.016 min
Response: 349556
Conc: 0.84 ng/ml