

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110223\
 Data File : P0099283.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 10:59
 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: Nov 02 23:14:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.467	3.623	97319444	36404574	49.252	50.585
2) SA Decachlor...	10.260	8.613	58594237	20942068	51.722	39.032
Target Compounds						
3) L1 AR-1016-1	5.639	4.720	807983	240843	14.673	10.755 #
4) L1 AR-1016-2	5.664	4.720	1012275	240843	12.242	7.705 #
5) L1 AR-1016-3	5.723	4.898	335624	139951	6.520	8.265 #
6) L1 AR-1016-4	5.822	4.938	437245	8039664	10.758	556.080 #
7) L1 AR-1016-5	6.119	5.151	8928694	4690067	210.368	251.049
8) L2 AR-1221-1	4.670	3.850	236855	91925	9.540	9.895
9) L2 AR-1221-2	4.775	3.922	2057855	557980	111.240	86.059
10) L2 AR-1221-3	4.840	3.996	305751	119194	5.644	5.893
11) L3 AR-1232-1	4.840	3.996	305751	119194	6.683	6.953
12) L3 AR-1232-2	5.369	4.720	301115	240843	12.751	15.721
13) L3 AR-1232-3	5.664	4.898	1012275	139951	25.632	17.491 #
14) L3 AR-1232-4	5.822	4.978	437245	2371370	22.918	308.219 #
15) L3 AR-1232-5	5.914	5.151	18714623	4690067	1123.450	551.411 #
16) L4 AR-1242-1	5.639	4.720	807983	240843	18.663	13.708 #
17) L4 AR-1242-2	5.664	4.720	1012275	240843	15.805	9.938 #
18) L4 AR-1242-3	5.723	4.898	335624	139951	8.344	10.916 #
19) L4 AR-1242-4	5.822	4.978	437245	2371370	13.973	168.460 #
20) L4 AR-1242-5	6.566	5.503	10554508	18808636	342.139	1125.512 #
21) L5 AR-1248-1	5.639	4.720	807983	240843	23.783	17.377 #
22) L5 AR-1248-2	5.914	4.938	18714623	8039664	357.605	404.744
23) L5 AR-1248-3	6.119	4.978	8928694	2371370	156.705	113.715 #
24) L5 AR-1248-4	6.523	5.151	14462145	4690067	265.207	190.781 #
25) L5 AR-1248-5	6.566	5.543	10554508	2197530	185.799	101.183 #
26) L6 AR-1254-1	6.498	5.503	31744117	18808636	482.236	530.817
27) L6 AR-1254-2	6.717	5.650	47026075	16859563	488.488	527.118
28) L6 AR-1254-3	7.084	6.053	45457652	25751448	508.571	526.749
29) L6 AR-1254-4	7.370	6.282	29026773	15424060	529.845	588.551
30) L6 AR-1254-5	7.790	6.699	36375427	23300112	540.217	552.728
31) L7 AR-1260-1	7.248	6.183	19184699	13433059	267.715	380.805 #
32) L7 AR-1260-2	7.505	6.371	20575059	10933351	260.784	272.744
33) L7 AR-1260-3	7.851	6.523	5025504	6028591	92.020	159.432 #
34) L7 AR-1260-4	8.079	6.995	14638652	1214987	233.632	42.046 #
35) L7 AR-1260-5	8.415	7.237	5601431	2718269	52.342	45.169
36) L8 AR-1262-1	7.851	6.768	5025504	2052787	55.523	43.750
37) L8 AR-1262-2	8.415	6.995	5601431	1214987	42.019	29.265 #
38) L8 AR-1262-3	8.748	7.540	4317737	48108	43.908	1.506 #
39) L8 AR-1262-4	8.855	7.582	128731	2875807	1.607	52.307 #
40) L8 AR-1262-5	9.496	8.077	273654	104273	6.228	4.152 #
41) L9 AR-1268-1	8.748	7.540	4317737	48108	25.067	0.539 #

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Instrument :
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 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 23:14:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 2023
 Response via : Initial Calibration
 Integrator: ChemStation

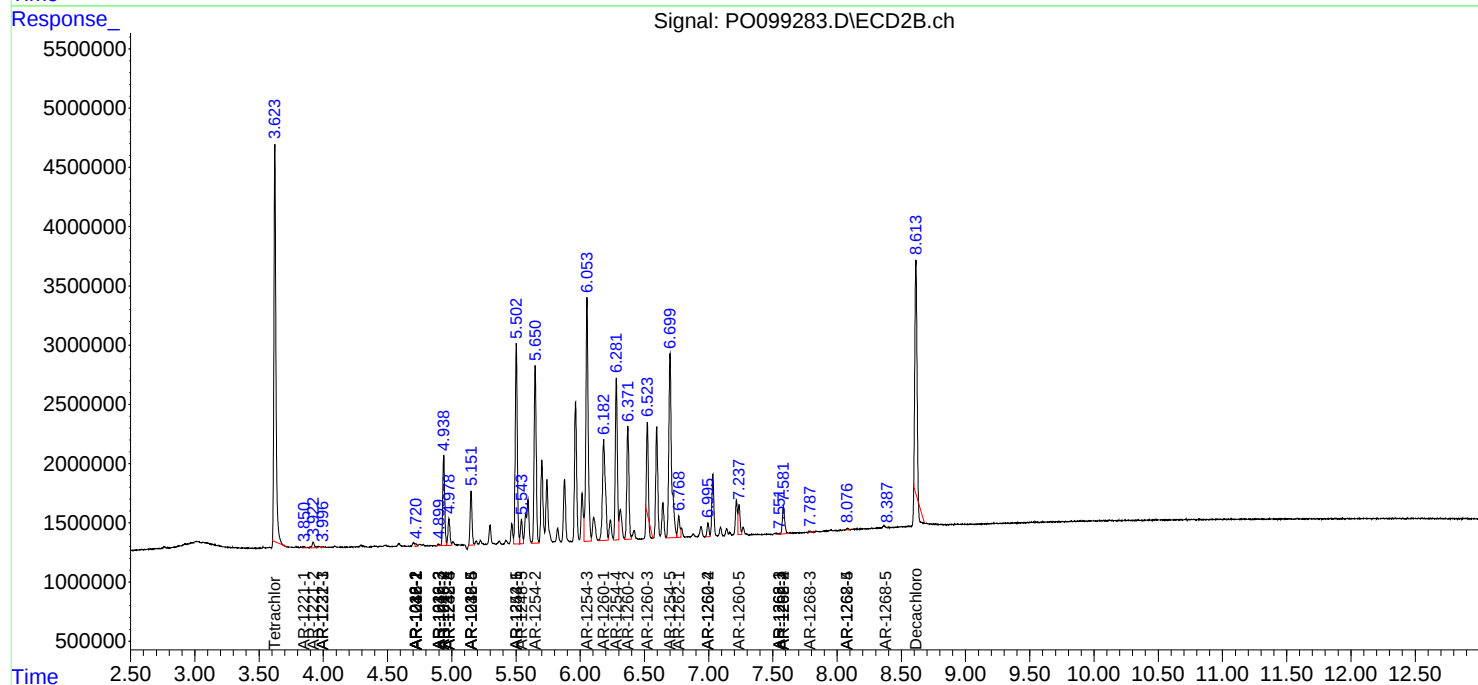
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

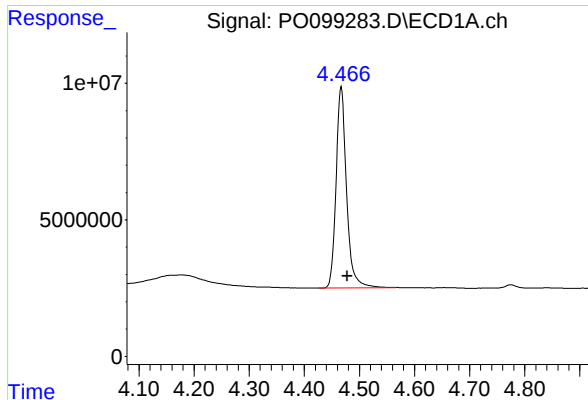
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.855	7.582	128731	2875807	0.821	36.422 #
43) L9	AR-1268-3	9.072	7.788	31245	56317	0.223	0.800 #
44) L9	AR-1268-4	9.496	8.077	273654	104273	5.457	3.784 #
45) L9	AR-1268-5	9.915	8.388	491648	13882	1.201	0.073 #

(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

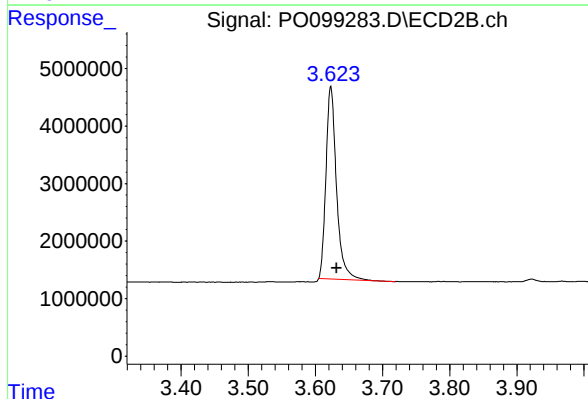




#1 Tetrachloro-m-xylene

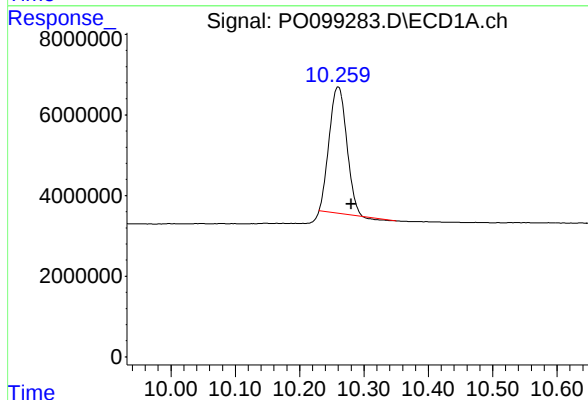
R.T.: 4.467 min
Delta R.T.: -0.011 min
Response: 97319444
Conc: 49.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



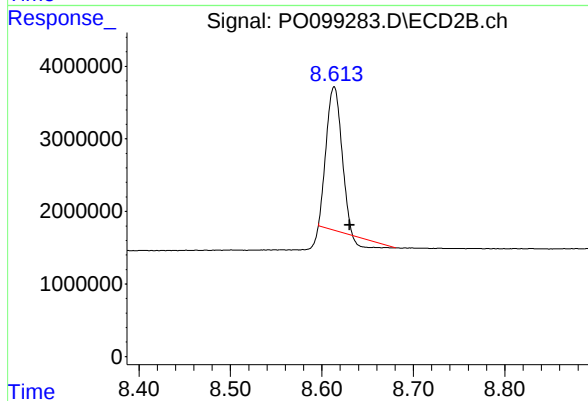
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.009 min
Response: 36404574
Conc: 50.58 ng/ml



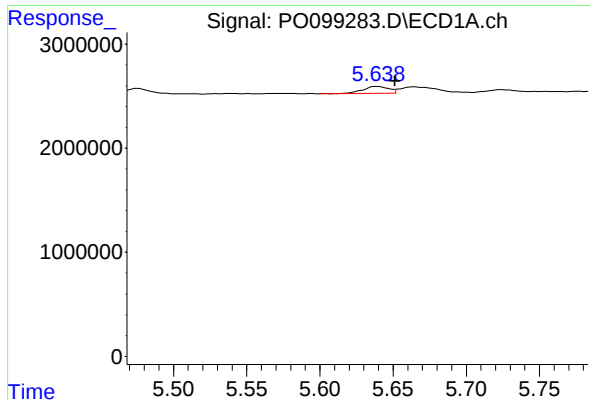
#2 Decachlorobiphenyl

R.T.: 10.260 min
Delta R.T.: -0.020 min
Response: 58594237
Conc: 51.72 ng/ml



#2 Decachlorobiphenyl

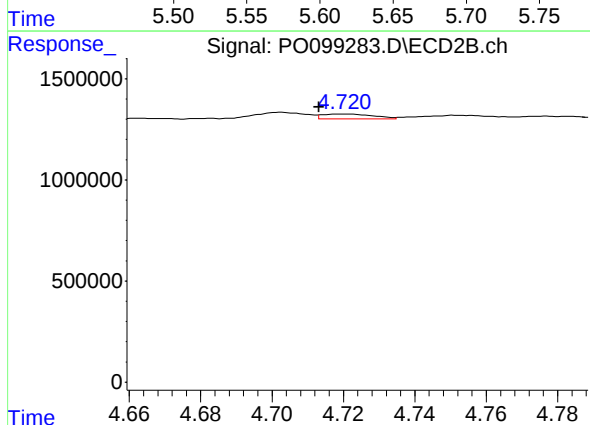
R.T.: 8.613 min
Delta R.T.: -0.017 min
Response: 20942068
Conc: 39.03 ng/ml



#3 AR-1016-1

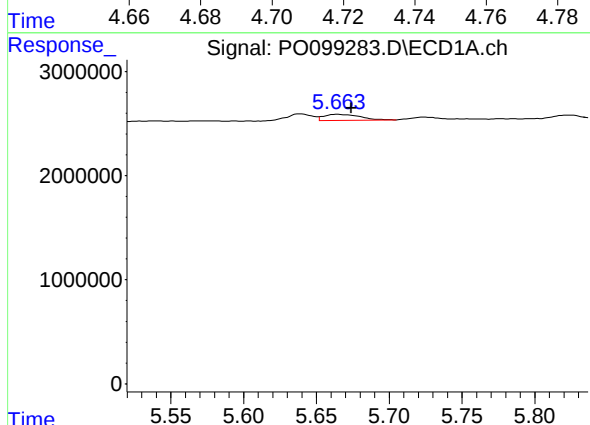
R.T.: 5.639 min
Delta R.T.: -0.012 min
Response: 807983
Conc: 14.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



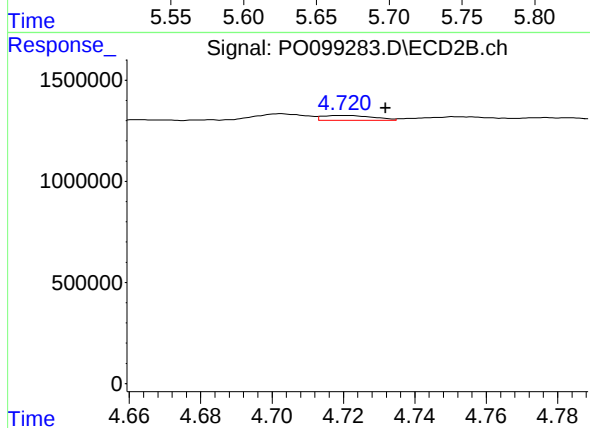
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 240843
Conc: 10.75 ng/ml



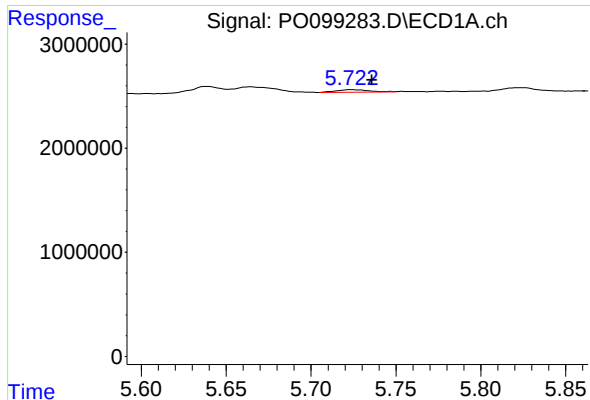
#4 AR-1016-2

R.T.: 5.664 min
Delta R.T.: -0.010 min
Response: 1012275
Conc: 12.24 ng/ml



#4 AR-1016-2

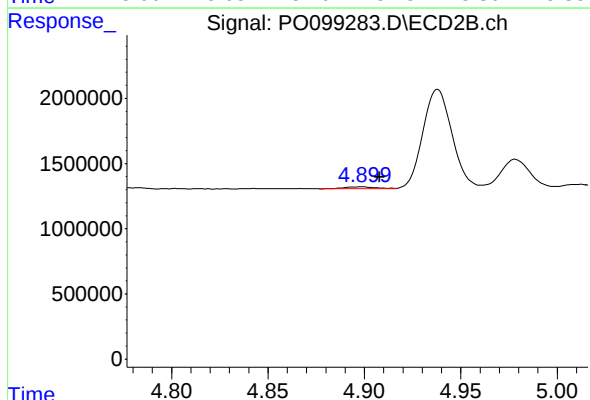
R.T.: 4.720 min
Delta R.T.: -0.012 min
Response: 240843
Conc: 7.71 ng/ml



#5 AR-1016-3

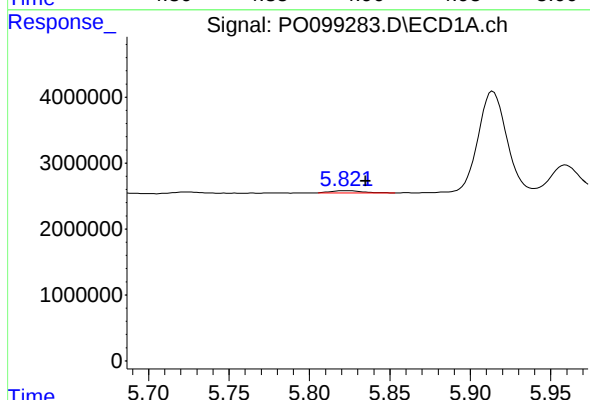
R.T.: 5.723 min
Delta R.T.: -0.013 min
Response: 335624
Conc: 6.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



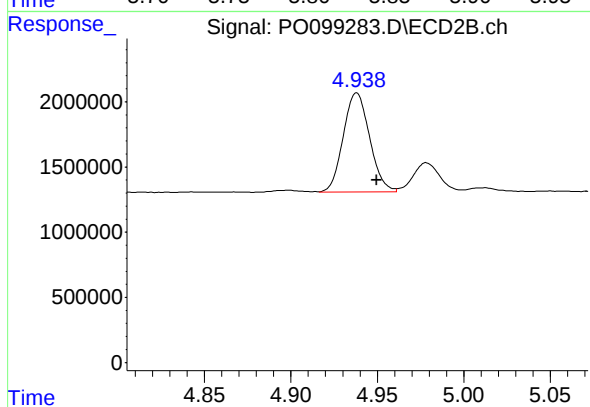
#5 AR-1016-3

R.T.: 4.898 min
Delta R.T.: -0.009 min
Response: 139951
Conc: 8.27 ng/ml



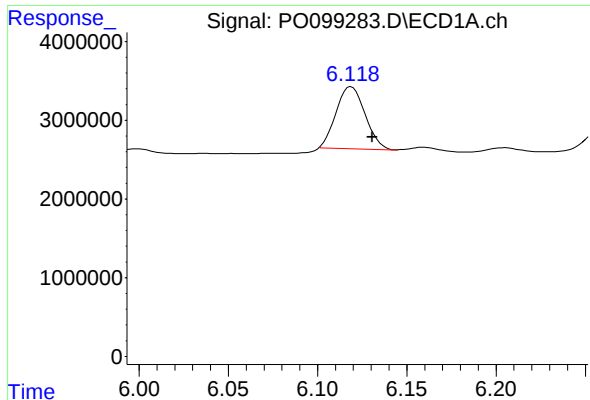
#6 AR-1016-4

R.T.: 5.822 min
Delta R.T.: -0.012 min
Response: 437245
Conc: 10.76 ng/ml



#6 AR-1016-4

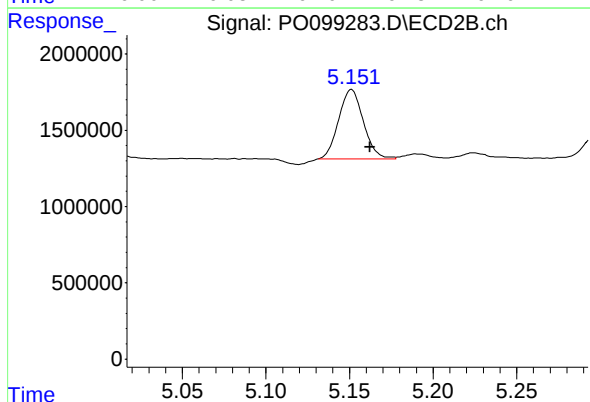
R.T.: 4.938 min
Delta R.T.: -0.012 min
Response: 8039664
Conc: 556.08 ng/ml



#7 AR-1016-5

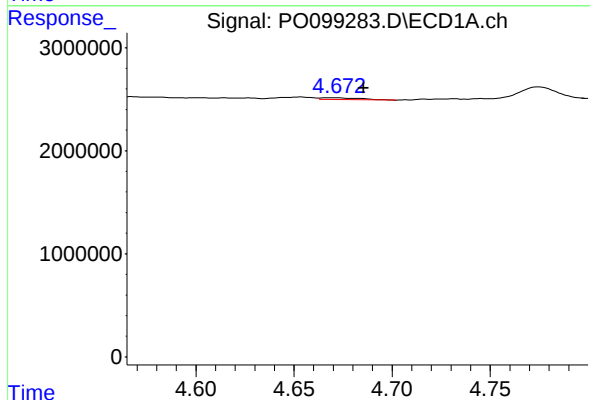
R.T.: 6.119 min
Delta R.T.: -0.012 min
Response: 8928694
Conc: 210.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



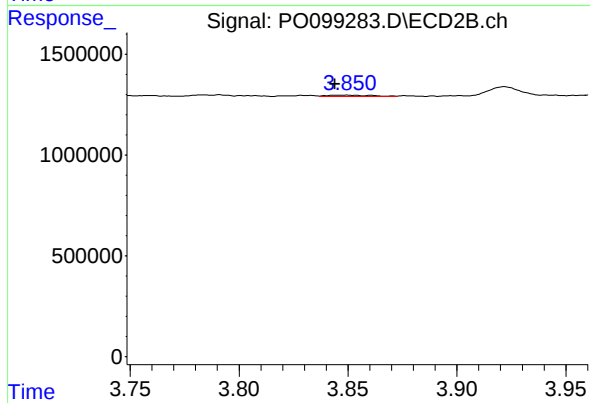
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.011 min
Response: 4690067
Conc: 251.05 ng/ml



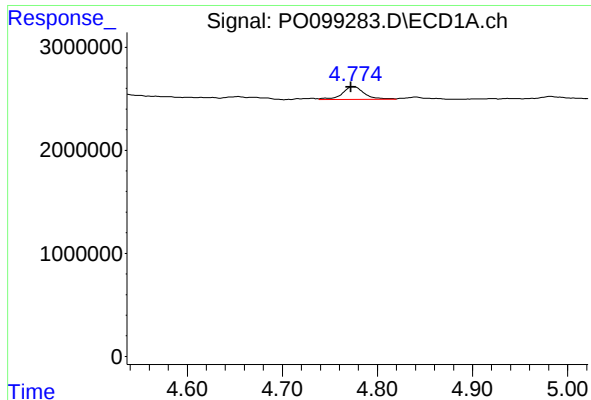
#8 AR-1221-1

R.T.: 4.670 min
Delta R.T.: -0.015 min
Response: 236855
Conc: 9.54 ng/ml



#8 AR-1221-1

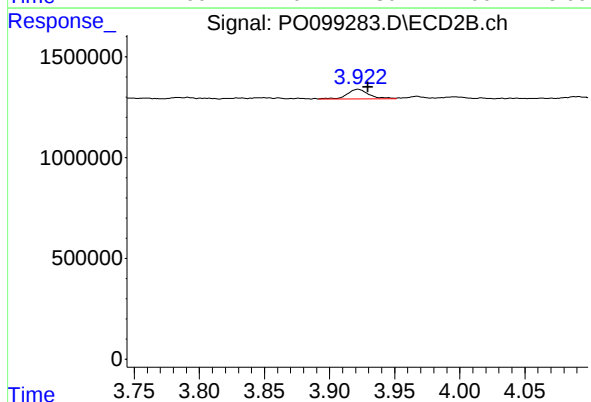
R.T.: 3.850 min
Delta R.T.: 0.006 min
Response: 91925
Conc: 9.90 ng/ml



#9 AR-1221-2

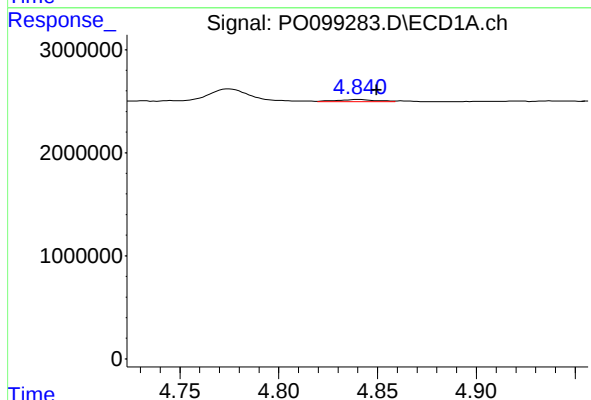
R.T.: 4.775 min
Delta R.T.: 0.002 min
Response: 2057855
Conc: 111.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



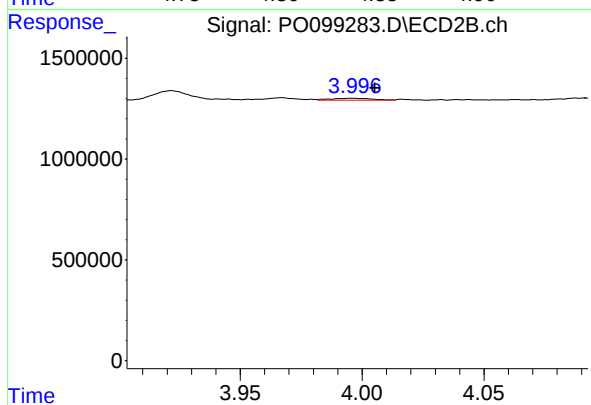
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.008 min
Response: 557980
Conc: 86.06 ng/ml



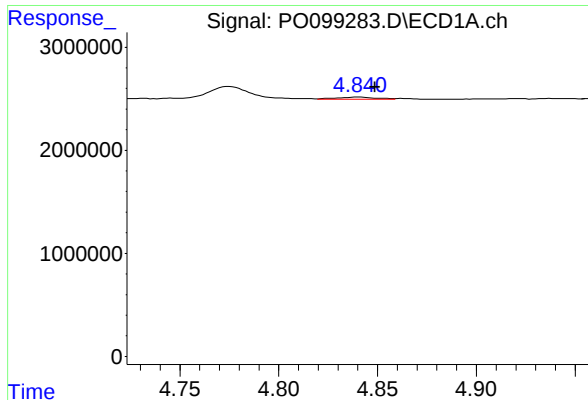
#10 AR-1221-3

R.T.: 4.840 min
Delta R.T.: -0.009 min
Response: 305751
Conc: 5.64 ng/ml



#10 AR-1221-3

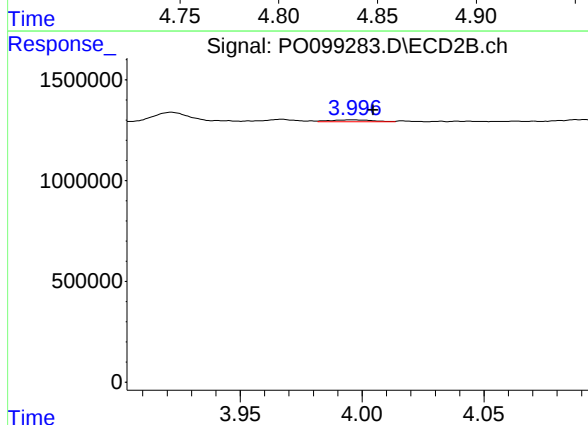
R.T.: 3.996 min
Delta R.T.: -0.009 min
Response: 119194
Conc: 5.89 ng/ml



#11 AR-1232-1

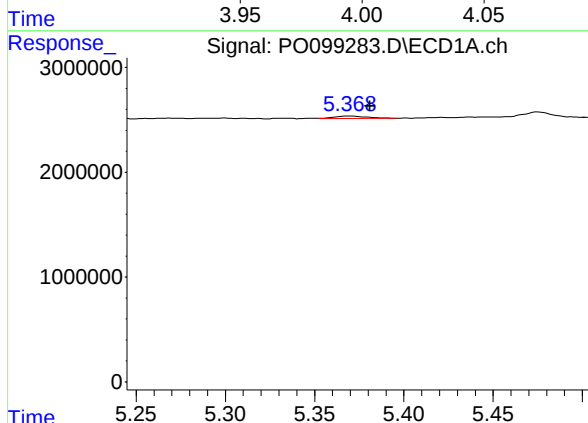
R.T.: 4.840 min
Delta R.T.: -0.008 min
Response: 305751
Conc: 6.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



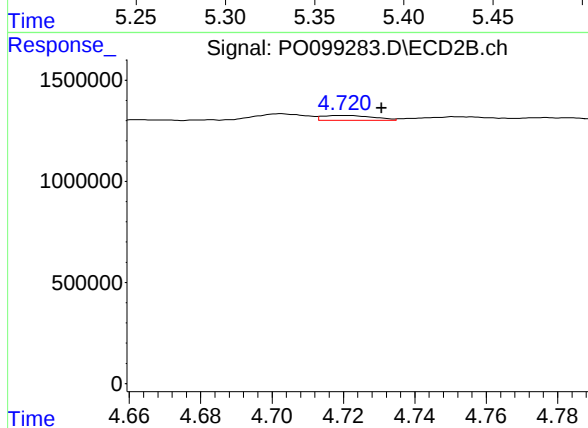
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: -0.009 min
Response: 119194
Conc: 6.95 ng/ml



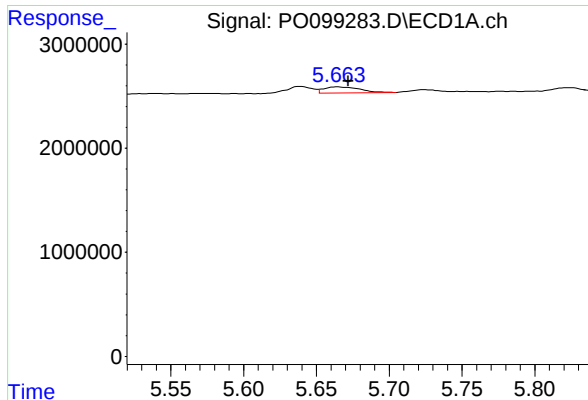
#12 AR-1232-2

R.T.: 5.369 min
Delta R.T.: -0.012 min
Response: 301115
Conc: 12.75 ng/ml



#12 AR-1232-2

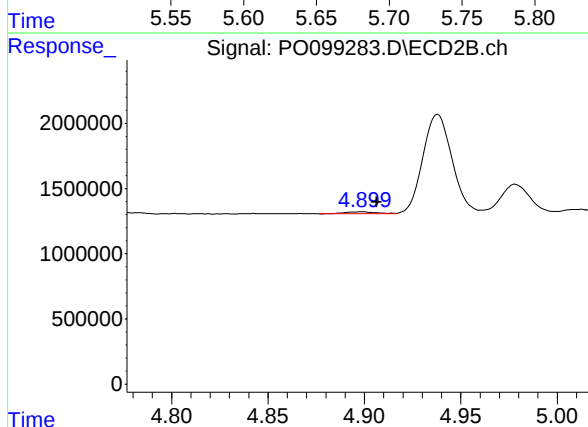
R.T.: 4.720 min
Delta R.T.: -0.011 min
Response: 240843
Conc: 15.72 ng/ml



#13 AR-1232-3

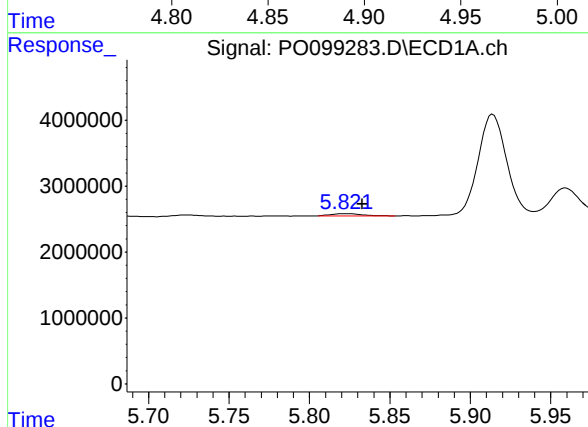
R.T.: 5.664 min
Delta R.T.: -0.007 min
Response: 1012275
Conc: 25.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



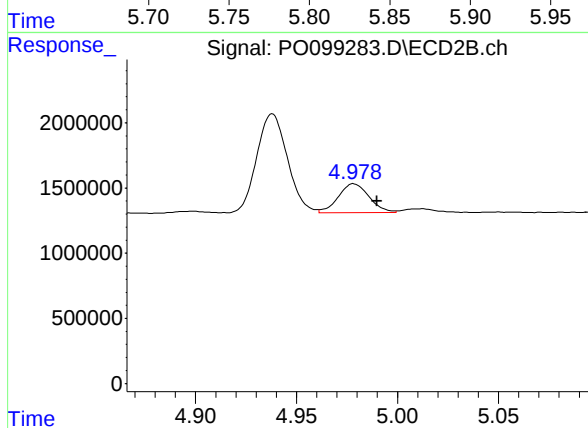
#13 AR-1232-3

R.T.: 4.898 min
Delta R.T.: -0.008 min
Response: 139951
Conc: 17.49 ng/ml



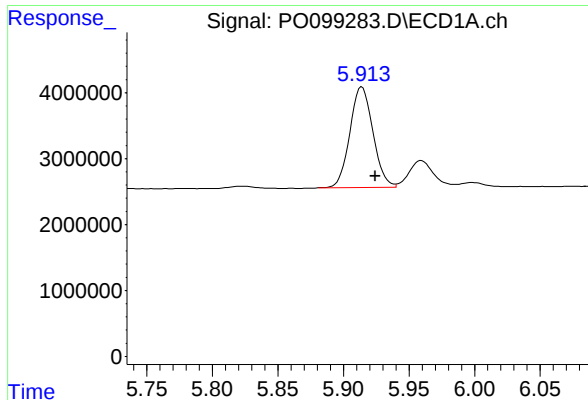
#14 AR-1232-4

R.T.: 5.822 min
Delta R.T.: -0.010 min
Response: 437245
Conc: 22.92 ng/ml



#14 AR-1232-4

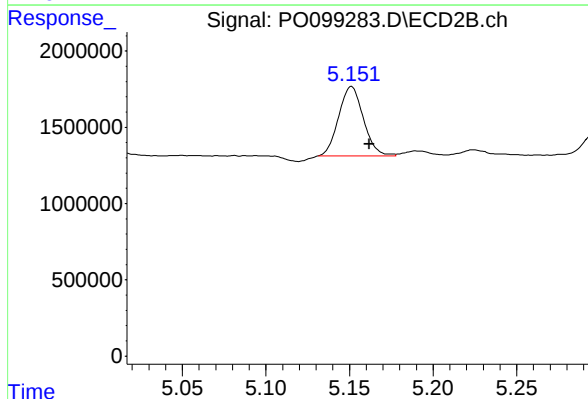
R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 2371370
Conc: 308.22 ng/ml



#15 AR-1232-5

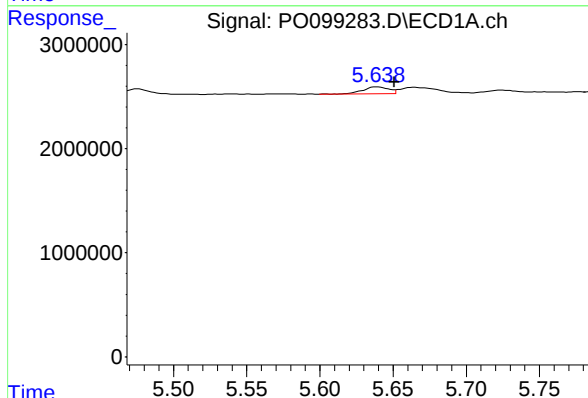
R.T.: 5.914 min
Delta R.T.: -0.010 min
Response: 18714623
Conc: 1123.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



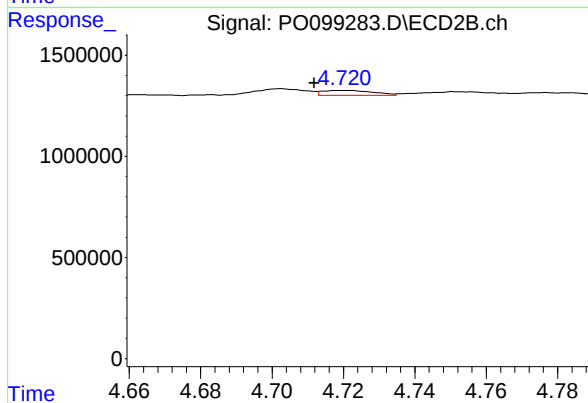
#15 AR-1232-5

R.T.: 5.151 min
Delta R.T.: -0.011 min
Response: 4690067
Conc: 551.41 ng/ml



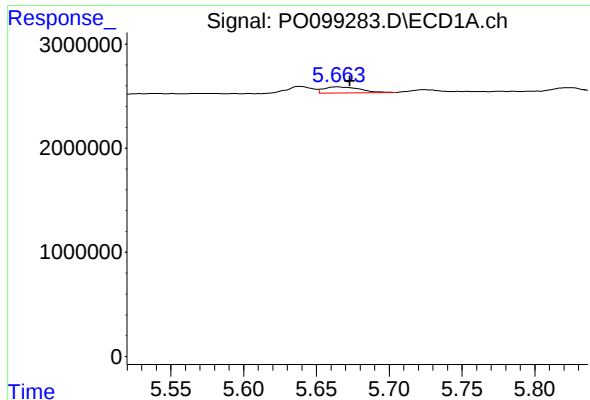
#16 AR-1242-1

R.T.: 5.639 min
Delta R.T.: -0.012 min
Response: 807983
Conc: 18.66 ng/ml



#16 AR-1242-1

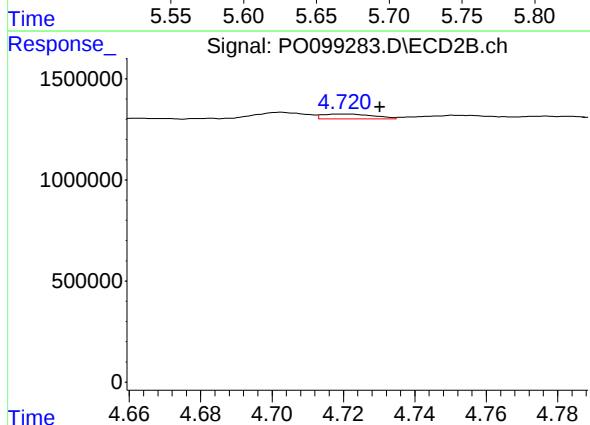
R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 240843
Conc: 13.71 ng/ml



#17 AR-1242-2

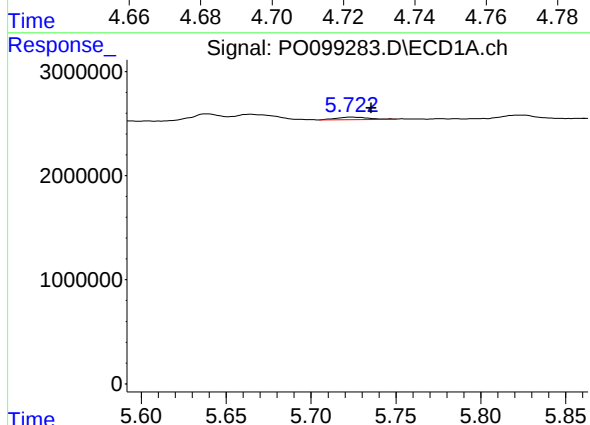
R.T.: 5.664 min
Delta R.T.: -0.009 min
Response: 1012275
Conc: 15.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



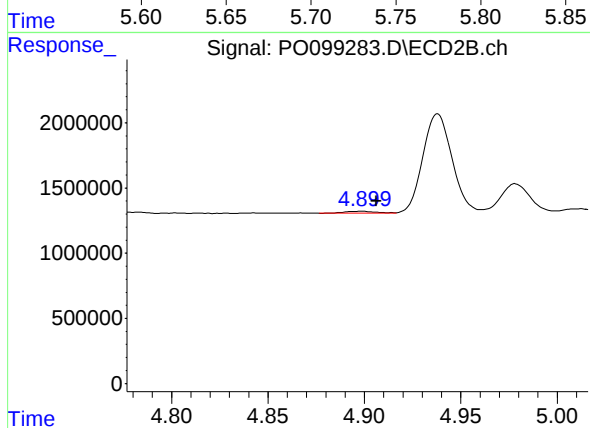
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.010 min
Response: 240843
Conc: 9.94 ng/ml



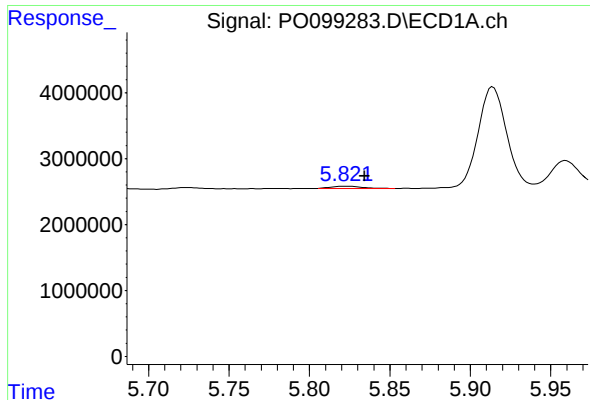
#18 AR-1242-3

R.T.: 5.723 min
Delta R.T.: -0.012 min
Response: 335624
Conc: 8.34 ng/ml



#18 AR-1242-3

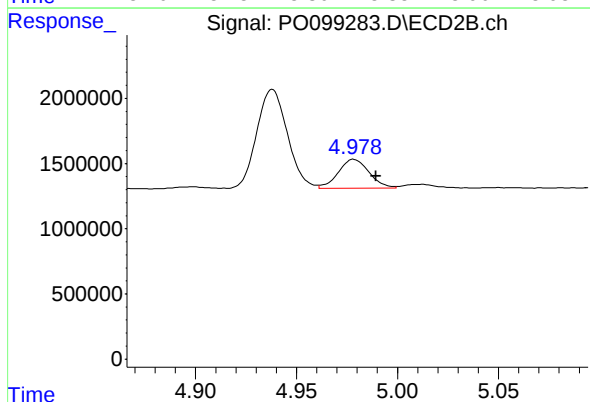
R.T.: 4.898 min
Delta R.T.: -0.008 min
Response: 139951
Conc: 10.92 ng/ml



#19 AR-1242-4

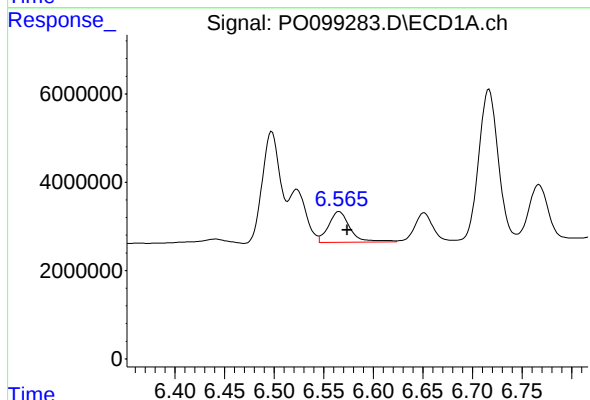
R.T.: 5.822 min
Delta R.T.: -0.012 min
Response: 437245
Conc: 13.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



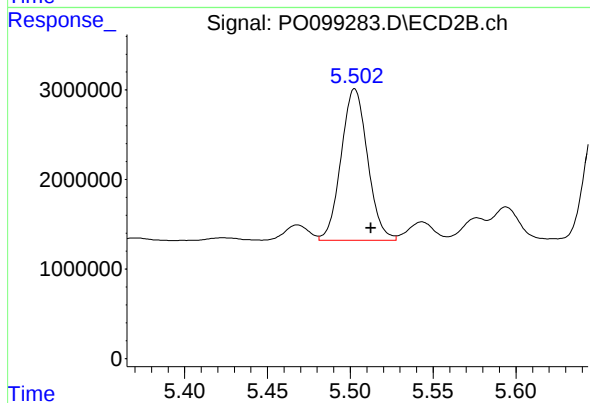
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 2371370
Conc: 168.46 ng/ml



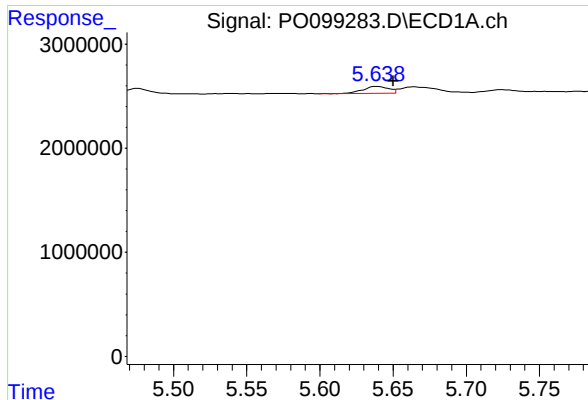
#20 AR-1242-5

R.T.: 6.566 min
Delta R.T.: -0.008 min
Response: 10554508
Conc: 342.14 ng/ml



#20 AR-1242-5

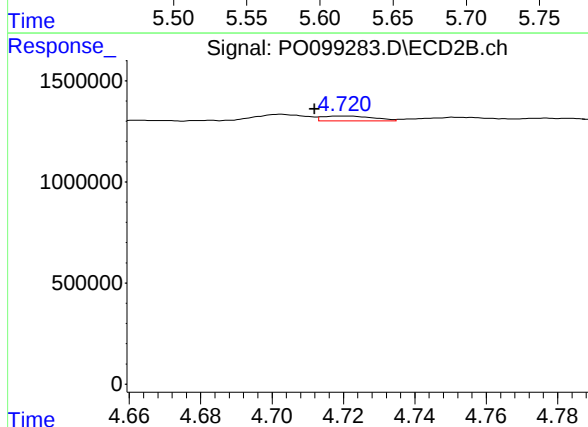
R.T.: 5.503 min
Delta R.T.: -0.010 min
Response: 18808636
Conc: 1125.51 ng/ml



#21 AR-1248-1

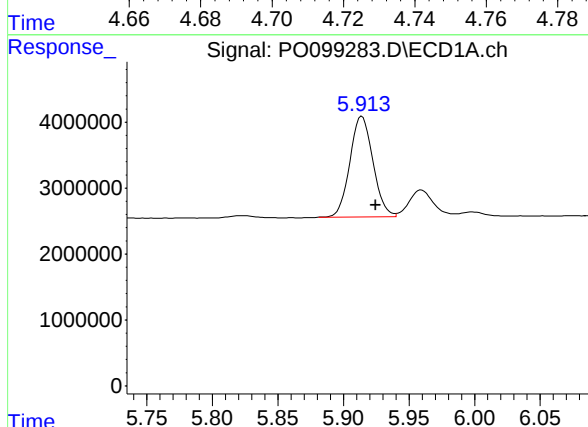
R.T.: 5.639 min
Delta R.T.: -0.011 min
Response: 807983
Conc: 23.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



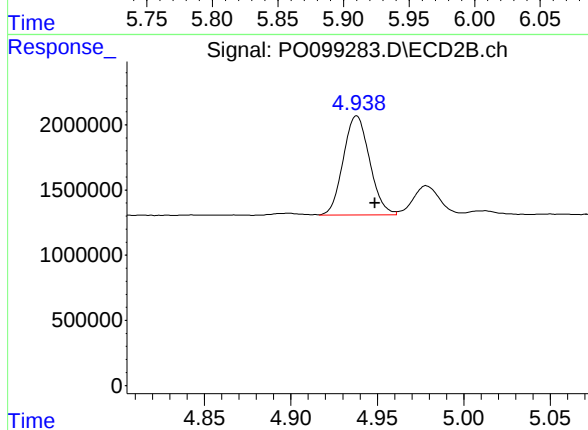
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 240843
Conc: 17.38 ng/ml



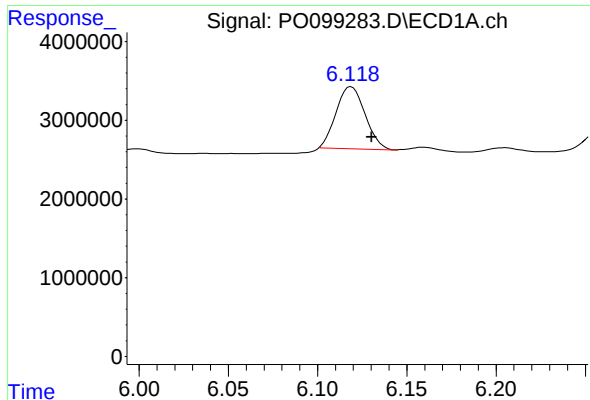
#22 AR-1248-2

R.T.: 5.914 min
Delta R.T.: -0.011 min
Response: 18714623
Conc: 357.60 ng/ml



#22 AR-1248-2

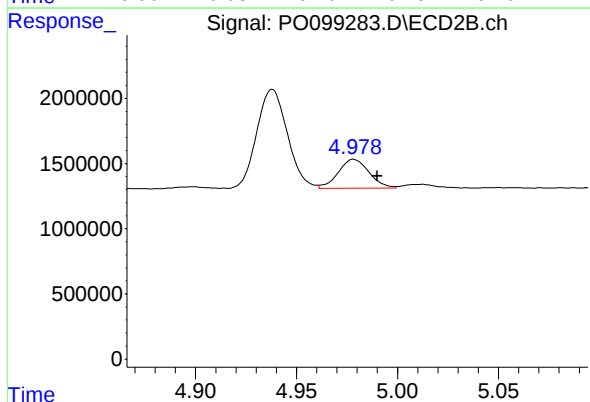
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 8039664
Conc: 404.74 ng/ml



#23 AR-1248-3

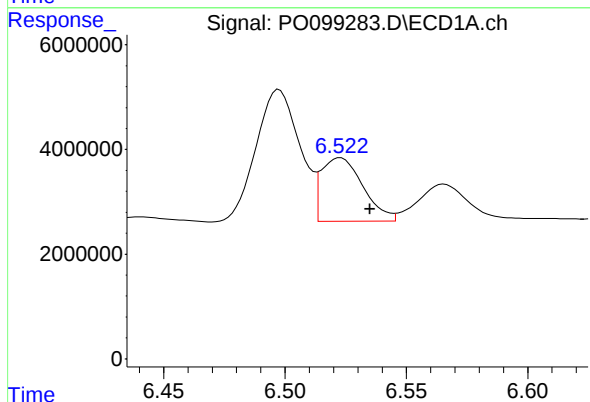
R.T.: 6.119 min
Delta R.T.: -0.011 min
Response: 8928694
Conc: 156.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



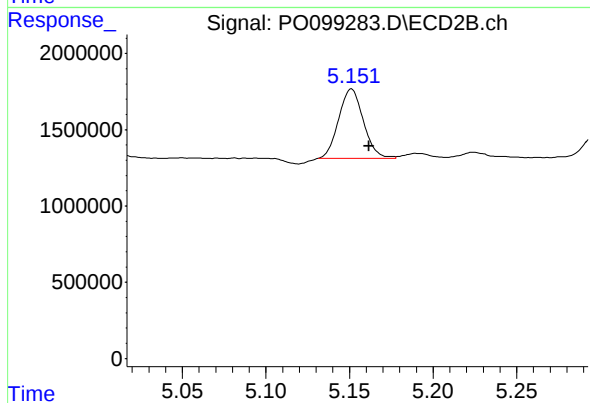
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.012 min
Response: 2371370
Conc: 113.72 ng/ml



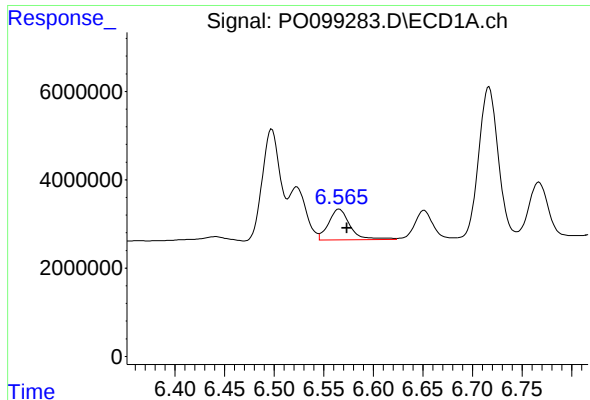
#24 AR-1248-4

R.T.: 6.523 min
Delta R.T.: -0.012 min
Response: 14462145
Conc: 265.21 ng/ml



#24 AR-1248-4

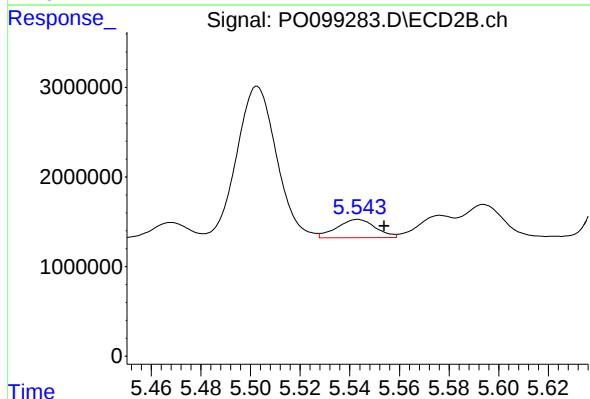
R.T.: 5.151 min
Delta R.T.: -0.010 min
Response: 4690067
Conc: 190.78 ng/ml



#25 AR-1248-5

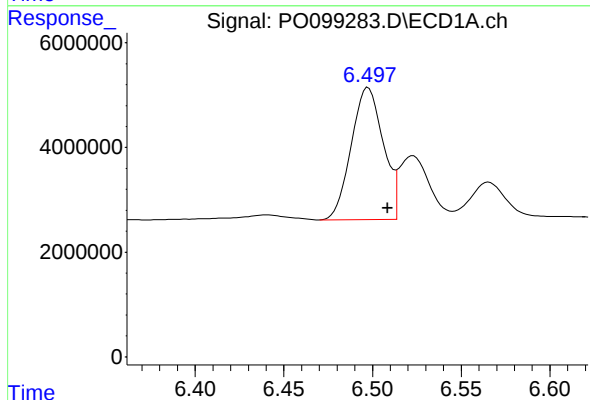
R.T.: 6.566 min
Delta R.T.: -0.008 min
Response: 10554508
Conc: 185.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



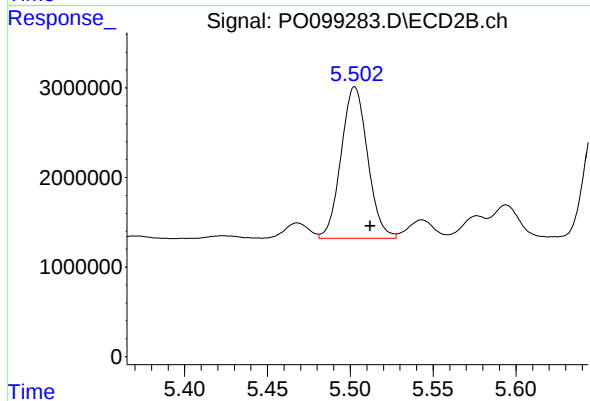
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: -0.011 min
Response: 2197530
Conc: 101.18 ng/ml



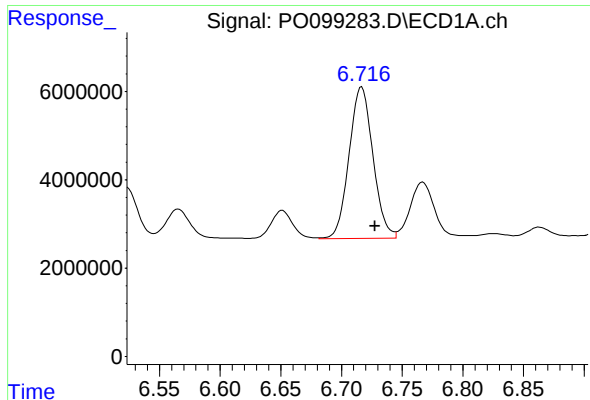
#26 AR-1254-1

R.T.: 6.498 min
Delta R.T.: -0.011 min
Response: 31744117
Conc: 482.24 ng/ml



#26 AR-1254-1

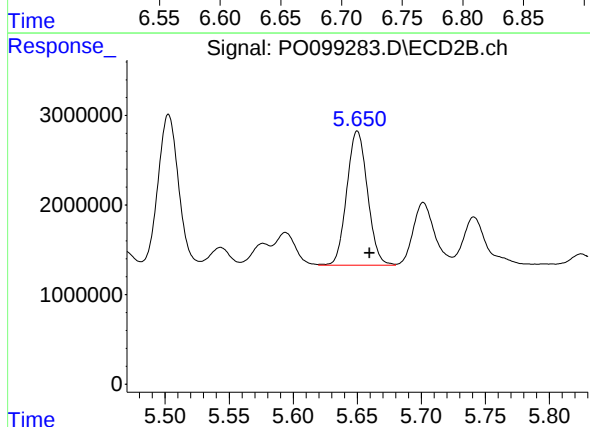
R.T.: 5.503 min
Delta R.T.: -0.009 min
Response: 18808636
Conc: 530.82 ng/ml



#27 AR-1254-2

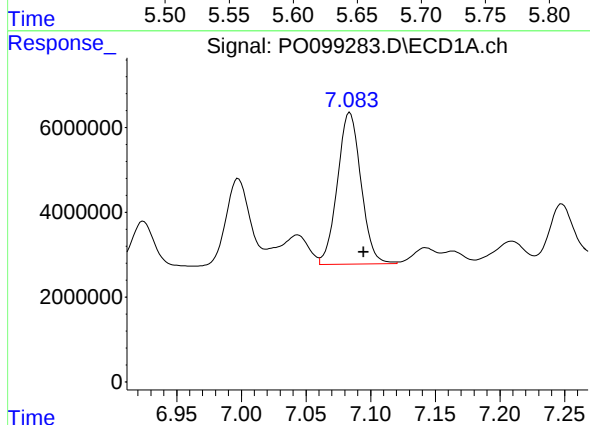
R.T.: 6.717 min
Delta R.T.: -0.011 min
Response: 47026075
Conc: 488.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



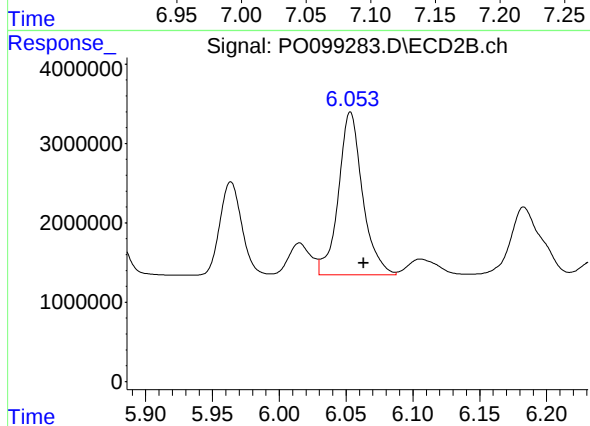
#27 AR-1254-2

R.T.: 5.650 min
Delta R.T.: -0.010 min
Response: 16859563
Conc: 527.12 ng/ml



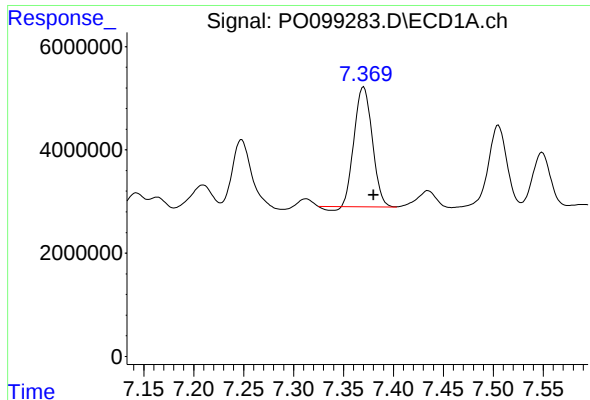
#28 AR-1254-3

R.T.: 7.084 min
Delta R.T.: -0.011 min
Response: 45457652
Conc: 508.57 ng/ml



#28 AR-1254-3

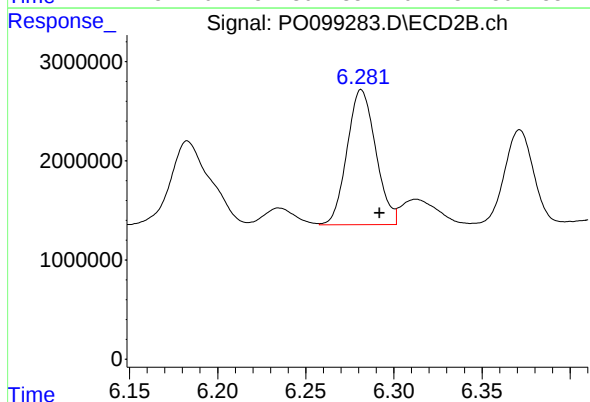
R.T.: 6.053 min
Delta R.T.: -0.010 min
Response: 25751448
Conc: 526.75 ng/ml



#29 AR-1254-4

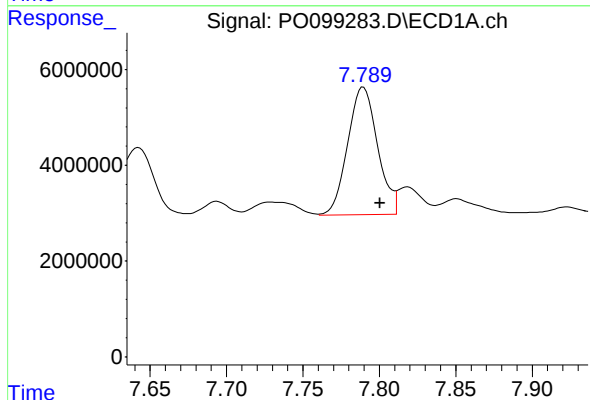
R.T.: 7.370 min
Delta R.T.: -0.010 min
Response: 29026773
Conc: 529.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



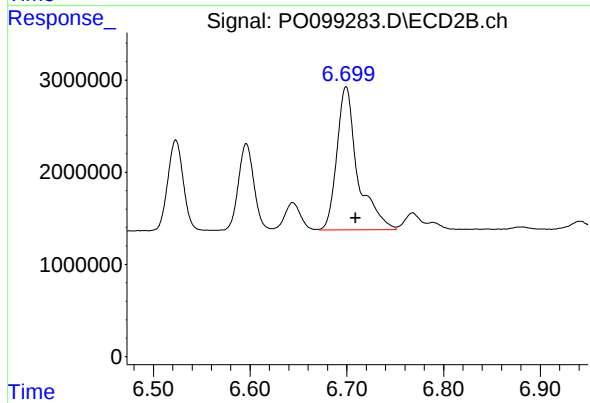
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: -0.010 min
Response: 15424060
Conc: 588.55 ng/ml



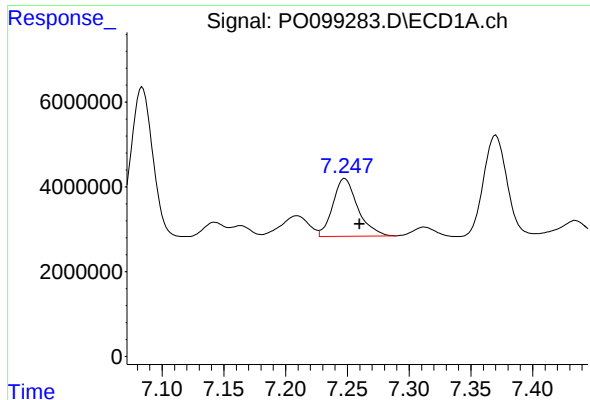
#30 AR-1254-5

R.T.: 7.790 min
Delta R.T.: -0.011 min
Response: 36375427
Conc: 540.22 ng/ml



#30 AR-1254-5

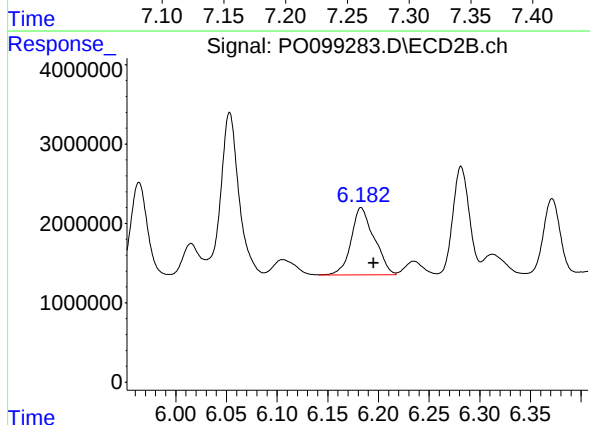
R.T.: 6.699 min
Delta R.T.: -0.010 min
Response: 23300112
Conc: 552.73 ng/ml



#31 AR-1260-1

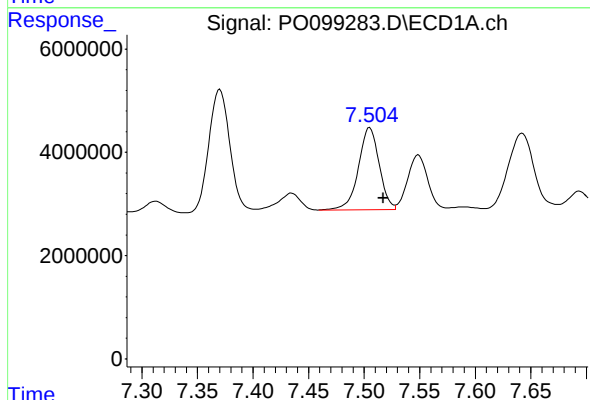
R.T.: 7.248 min
Delta R.T.: -0.012 min
Response: 19184699
Conc: 267.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



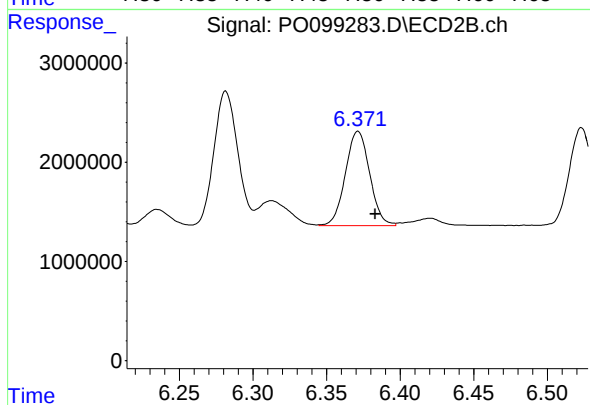
#31 AR-1260-1

R.T.: 6.183 min
Delta R.T.: -0.012 min
Response: 13433059
Conc: 380.81 ng/ml



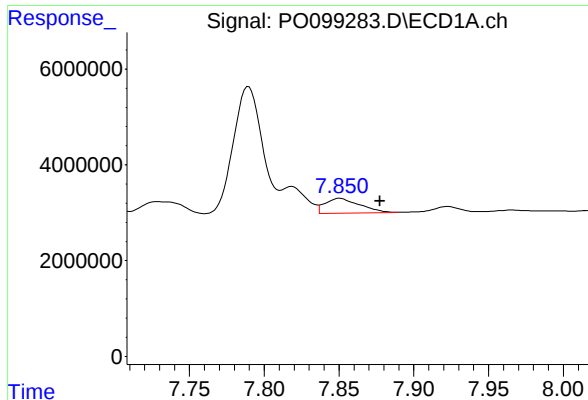
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: -0.012 min
Response: 20575059
Conc: 260.78 ng/ml



#32 AR-1260-2

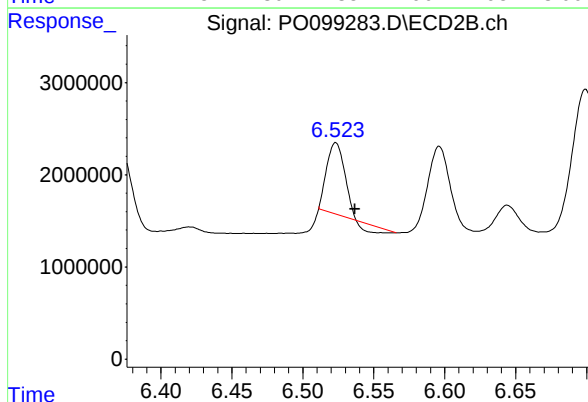
R.T.: 6.371 min
Delta R.T.: -0.012 min
Response: 10933351
Conc: 272.74 ng/ml



#33 AR-1260-3

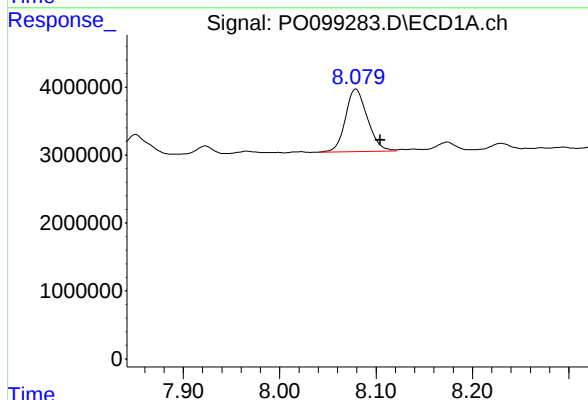
R.T.: 7.851 min
Delta R.T.: -0.027 min
Response: 5025504
Conc: 92.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



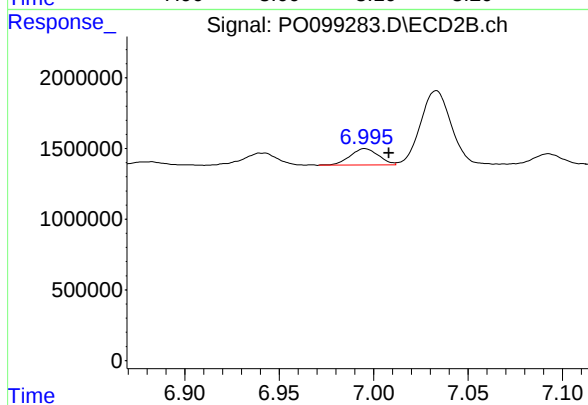
#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.013 min
Response: 6028591
Conc: 159.43 ng/ml



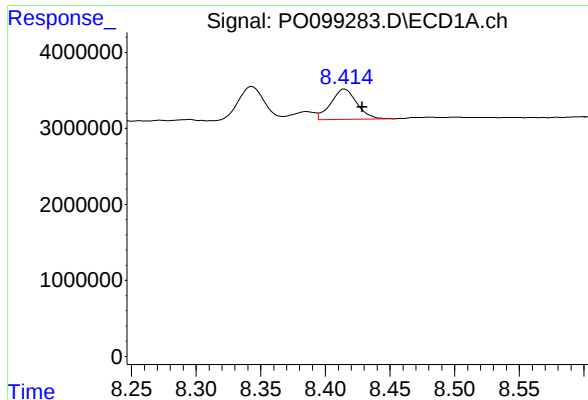
#34 AR-1260-4

R.T.: 8.079 min
Delta R.T.: -0.025 min
Response: 14638652
Conc: 233.63 ng/ml



#34 AR-1260-4

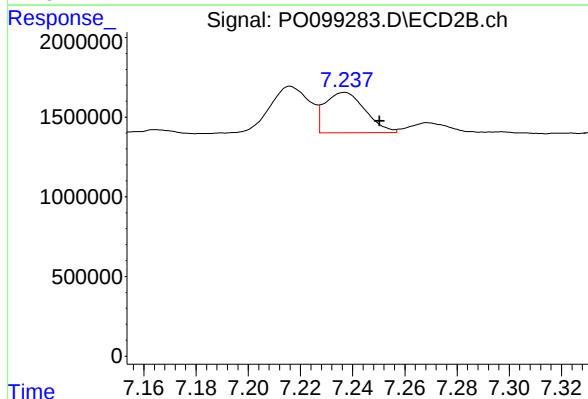
R.T.: 6.995 min
Delta R.T.: -0.013 min
Response: 1214987
Conc: 42.05 ng/ml



#35 AR-1260-5

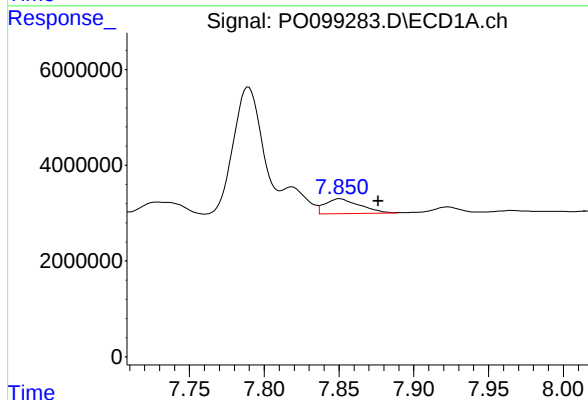
R.T.: 8.415 min
Delta R.T.: -0.014 min
Response: 5601431
Conc: 52.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



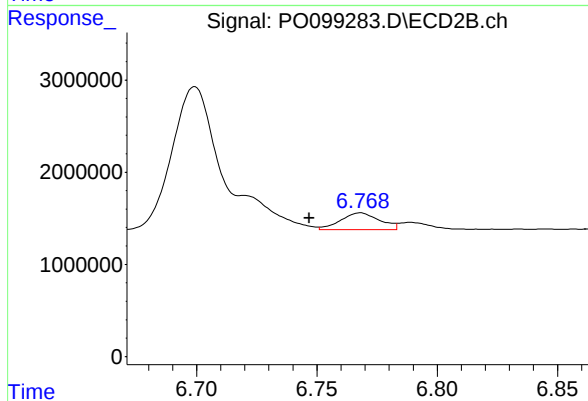
#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: -0.013 min
Response: 2718269
Conc: 45.17 ng/ml



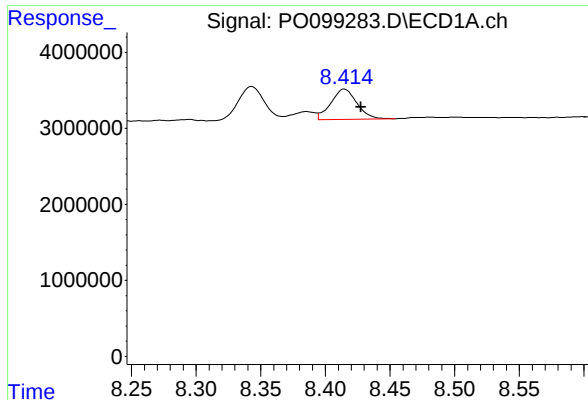
#36 AR-1262-1

R.T.: 7.851 min
Delta R.T.: -0.026 min
Response: 5025504
Conc: 55.52 ng/ml



#36 AR-1262-1

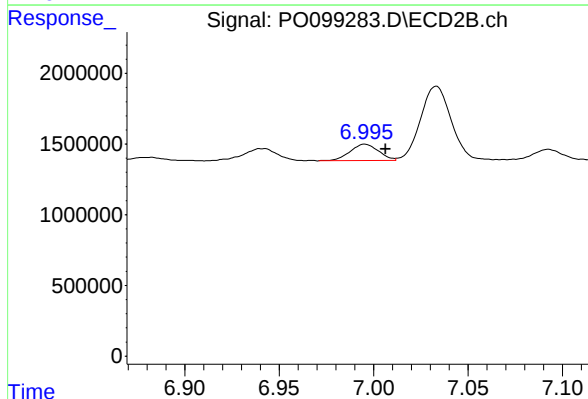
R.T.: 6.768 min
Delta R.T.: 0.021 min
Response: 2052787
Conc: 43.75 ng/ml



#37 AR-1262-2

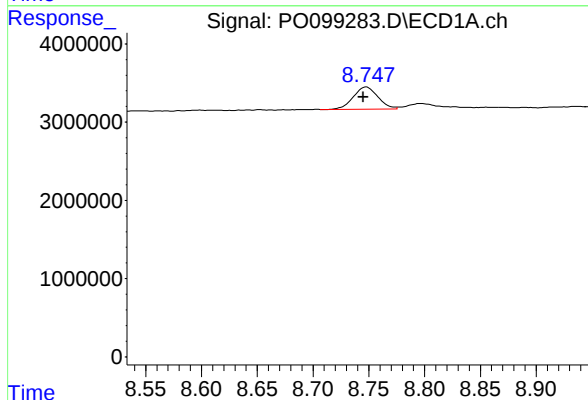
R.T.: 8.415 min
Delta R.T.: -0.013 min
Response: 5601431
Conc: 42.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



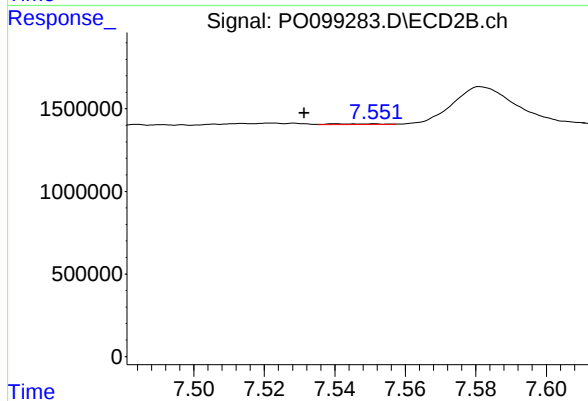
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: -0.011 min
Response: 1214987
Conc: 29.26 ng/ml



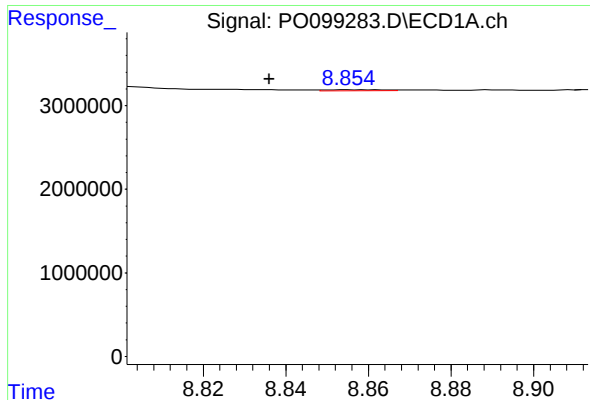
#38 AR-1262-3

R.T.: 8.748 min
Delta R.T.: 0.003 min
Response: 4317737
Conc: 43.91 ng/ml



#38 AR-1262-3

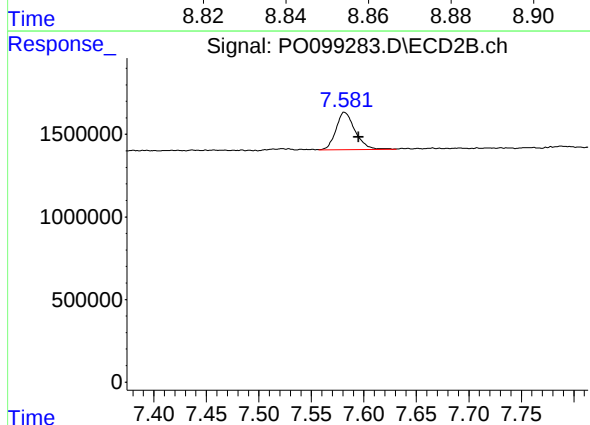
R.T.: 7.540 min
Delta R.T.: 0.009 min
Response: 48108
Conc: 1.51 ng/ml



#39 AR-1262-4

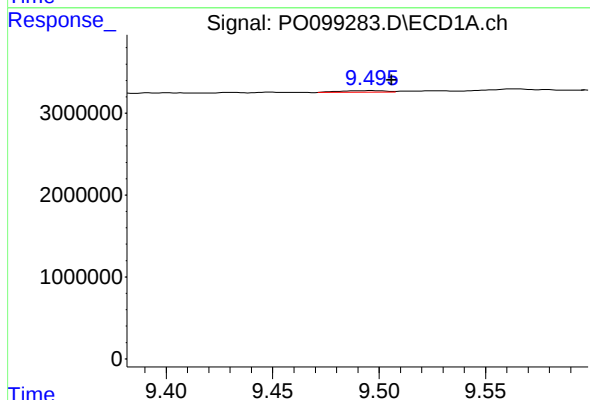
R.T.: 8.855 min
Delta R.T.: 0.019 min
Response: 128731
Conc: 1.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



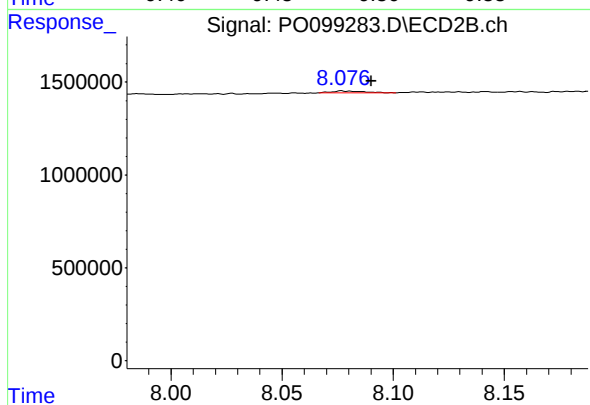
#39 AR-1262-4

R.T.: 7.582 min
Delta R.T.: -0.014 min
Response: 2875807
Conc: 52.31 ng/ml



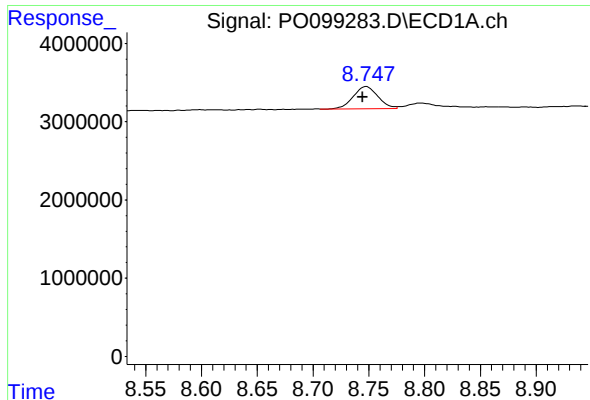
#40 AR-1262-5

R.T.: 9.496 min
Delta R.T.: -0.010 min
Response: 273654
Conc: 6.23 ng/ml



#40 AR-1262-5

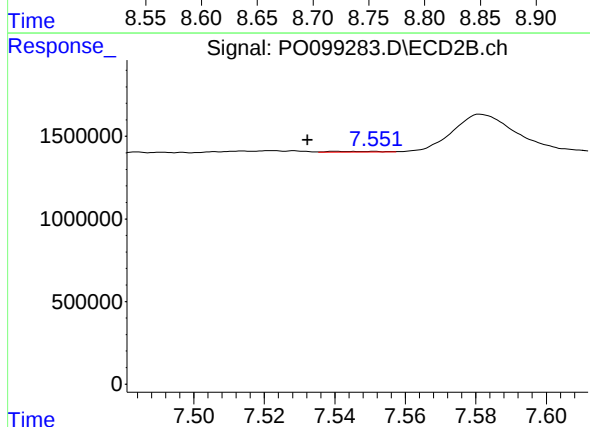
R.T.: 8.077 min
Delta R.T.: -0.013 min
Response: 104273
Conc: 4.15 ng/ml



#41 AR-1268-1

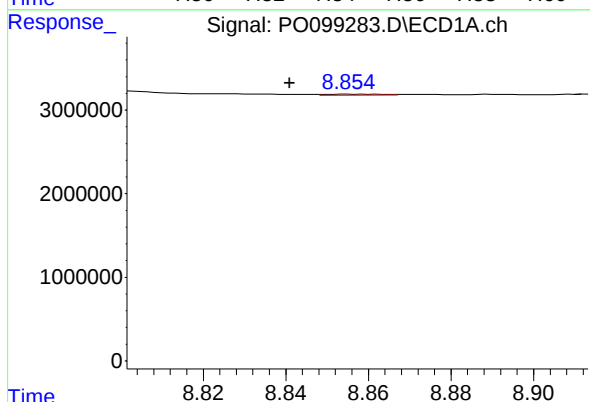
R.T.: 8.748 min
Delta R.T.: 0.004 min
Response: 4317737
Conc: 25.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



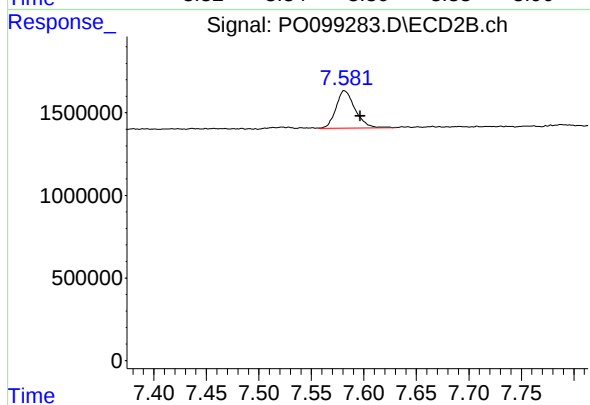
#41 AR-1268-1

R.T.: 7.540 min
Delta R.T.: 0.008 min
Response: 48108
Conc: 0.54 ng/ml



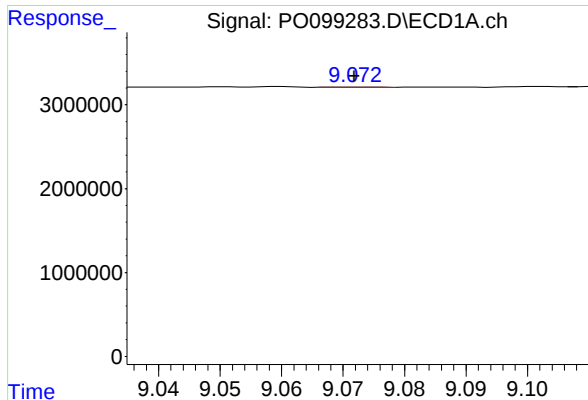
#42 AR-1268-2

R.T.: 8.855 min
Delta R.T.: 0.014 min
Response: 128731
Conc: 0.82 ng/ml



#42 AR-1268-2

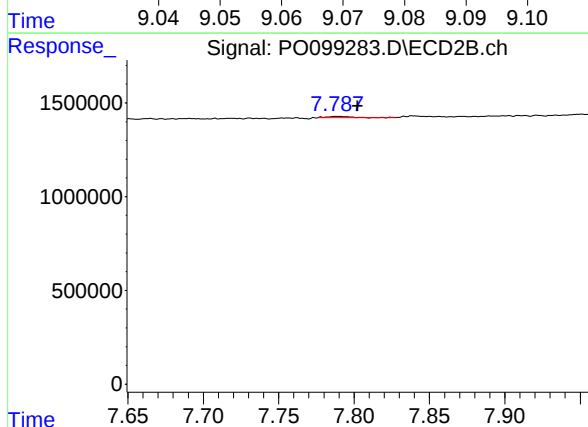
R.T.: 7.582 min
Delta R.T.: -0.015 min
Response: 2875807
Conc: 36.42 ng/ml



#43 AR-1268-3

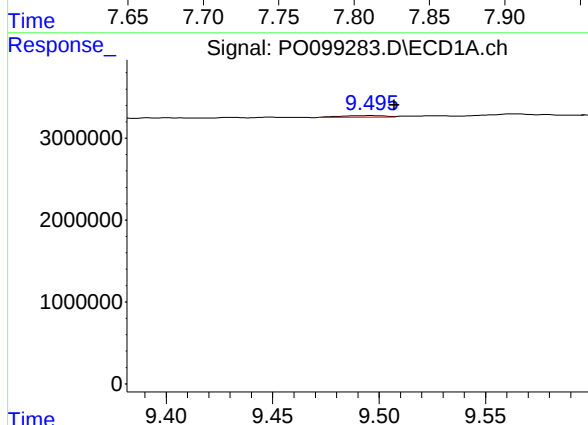
R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 31245
Conc: 0.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



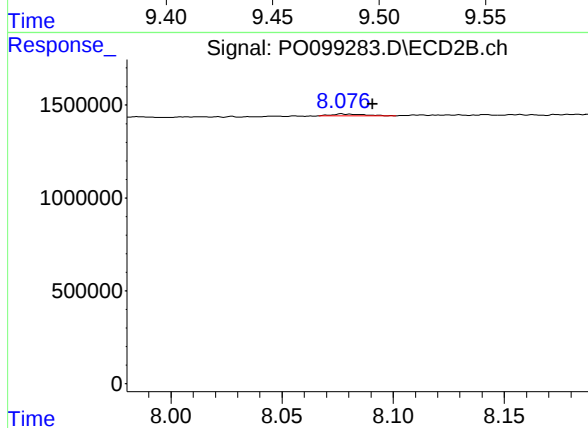
#43 AR-1268-3

R.T.: 7.788 min
Delta R.T.: -0.014 min
Response: 56317
Conc: 0.80 ng/ml



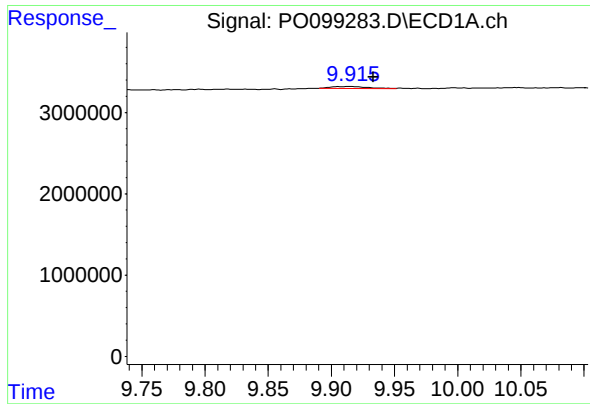
#44 AR-1268-4

R.T.: 9.496 min
Delta R.T.: -0.011 min
Response: 273654
Conc: 5.46 ng/ml



#44 AR-1268-4

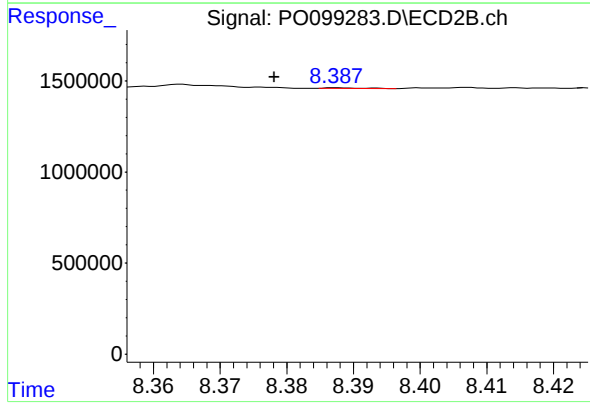
R.T.: 8.077 min
Delta R.T.: -0.014 min
Response: 104273
Conc: 3.78 ng/ml



#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: -0.018 min
Response: 491648
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.388 min
Delta R.T.: 0.010 min
Response: 13882
Conc: 0.07 ng/ml