

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041425\
 Data File : P0110439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 02:50
 Operator : YP/AJ
 Sample : Q1797-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 05:51:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 11 02:12:41 2025
 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...	3.693	3.690	84040621	49998232	9.606	10.020
2)	SA Decachlor...	8.742	8.693	82905313	17250977	10.501	8.962
Target Compounds							
3)	L1 AR-1016-1	4.786	4.773	73041355	40251736	222.590	229.342
4)	L1 AR-1016-2	4.805	4.791	105.2E6	61082169	231.155	242.905
5)	L1 AR-1016-3	4.862	4.967	79483082	30635800	246.438	225.743
6)	L1 AR-1016-4	4.983	5.011	52557711	42099873	210.936	368.109 #
7)	L1 AR-1016-5	5.242	5.225	54042862	29313711	200.894	196.639
8)	L2 AR-1221-1	3.896	3.892	18462907	12847779	156.419	192.412
9)	L2 AR-1221-2	3.981	3.975	34964211	23011436	395.775	459.344
10)	L2 AR-1221-3	4.068	4.061	27678836	19901378	105.193	133.414 #
11)	L3 AR-1232-1	4.068	4.061	27678836	19901378	135.135	173.019 #
12)	L3 AR-1232-2	4.564	4.791	64653154	61082169	605.885	550.944
13)	L3 AR-1232-3	4.805	4.967	105.2E6	30635800	526.393	535.562
14)	L3 AR-1232-4	4.983	5.052	52557711	25613906	513.769	474.742
15)	L3 AR-1232-5	5.027	5.225	69053106	29313711	1002.188	513.052 #
16)	L4 AR-1242-1	4.786	4.773	73041355	40251736	263.180	269.238
17)	L4 AR-1242-2	4.805	4.791	105.2E6	61082169	272.604	286.283
18)	L4 AR-1242-3	4.862	4.967	79483082	30635800	285.703	265.056
19)	L4 AR-1242-4	4.983	5.052	52557711	25613906	248.656	213.273
20)	L4 AR-1242-5	5.637	5.581	43710359	84081772	193.072	579.487 #
21)	L5 AR-1248-1	4.786	4.773	73041355	40251736	343.181	349.614
22)	L5 AR-1248-2	5.027	5.011	69053106	42099873	233.347	258.468
23)	L5 AR-1248-3	5.242	5.052	54042862	25613906	146.077	145.653
24)	L5 AR-1248-4	5.602	5.225	137.9E6	29313711	265.267	143.921 #
25)	L5 AR-1248-5	5.637	5.615	43710359	25208494	118.320	127.705
26)	L6 AR-1254-1	5.602	5.581	137.9E6	84081772	247.221	278.879
27)	L6 AR-1254-2	5.752	5.730	33647849	20791280	69.277	78.551
28)	L6 AR-1254-3	6.122	6.092	15407043	8839864	19.671	21.913
29)	L6 AR-1254-4	6.367	6.338	82777579	46914175	169.764	204.230
30)	L6 AR-1254-5	6.808	6.777	53216346	28551122	75.926	85.922
31)	L7 AR-1260-1	6.281	6.255	37655696	21267499	79.704	86.466
32)	L7 AR-1260-2	6.455	6.427	29998051	15703002	51.154	53.823
33)	L7 AR-1260-3	6.808	6.584	53216346	-12076171	107.972	N.D. #
34)	L7 AR-1260-4	7.109	7.081	32193564	9969109	75.853	49.687 #
35)	L7 AR-1260-5	7.346	7.315	70959853	30152904	68.004	65.713
36)	L8 AR-1262-1	6.808	6.777	53216346	28551122	75.865	86.692
37)	L8 AR-1262-2	7.346	7.315	70959853	30152904	58.754	59.303
38)	L8 AR-1262-3	7.588	7.601	140.5E6	742036	276.048	3.832 #
39)	L8 AR-1262-4	7.667	7.658	7379130	3016103	8.233	8.691
40)	L8 AR-1262-5	8.187	8.149	24900322	6935957	61.788	55.668
41)	L9 AR-1268-1	7.588	7.601	140.5E6	742036	100.085	1.355 #

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 ALS Vial : 27 Sample Multiplier: 1

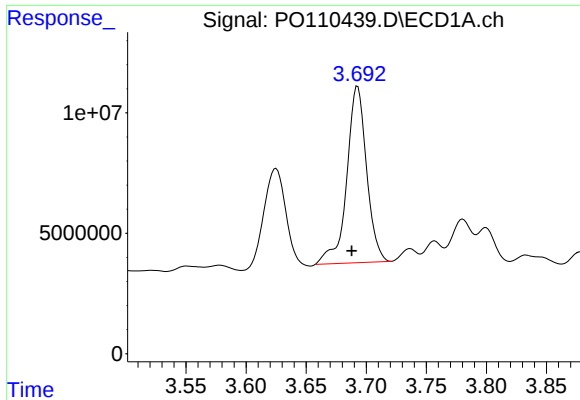
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 05:51:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
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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	7.667	7.658	7379130	3016103	5.766	6.063
43) L9	AR-1268-3	7.877	7.844	1394619	1104540	1.337	2.973 #
44) L9	AR-1268-4	8.187	8.149	24900322	6935957	56.062	49.143
45) L9	AR-1268-5	8.477	8.436	31928936	7067744	9.916	8.978

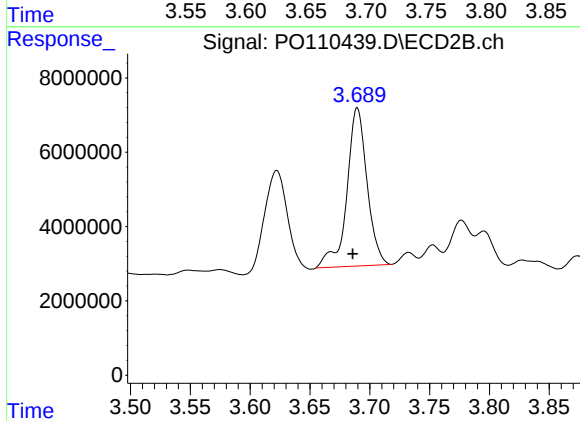
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

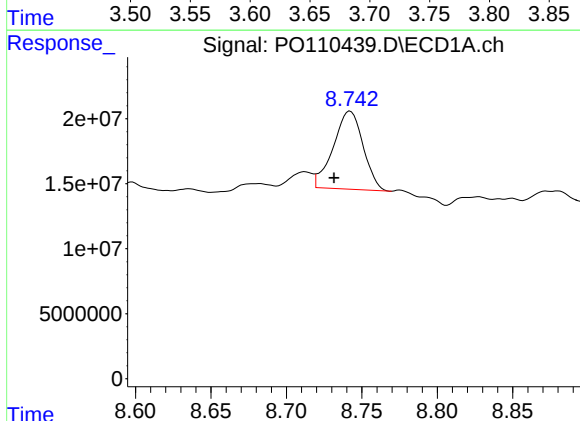
R.T.: 3.693 min
Delta R.T.: 0.005 min
Response: 84040621
Conc: 9.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



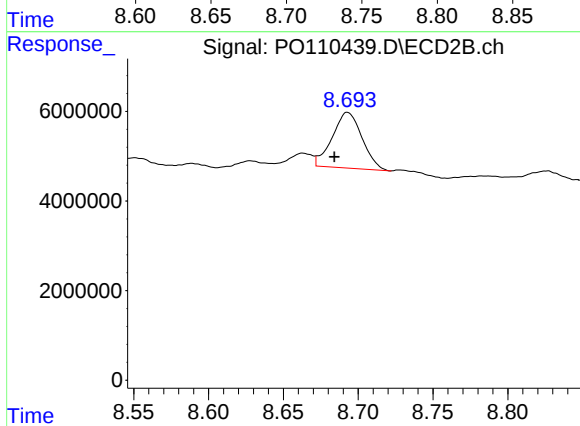
#1 Tetrachloro-m-xylene

R.T.: 3.690 min
Delta R.T.: 0.004 min
Response: 49998232
Conc: 10.02 ng/ml



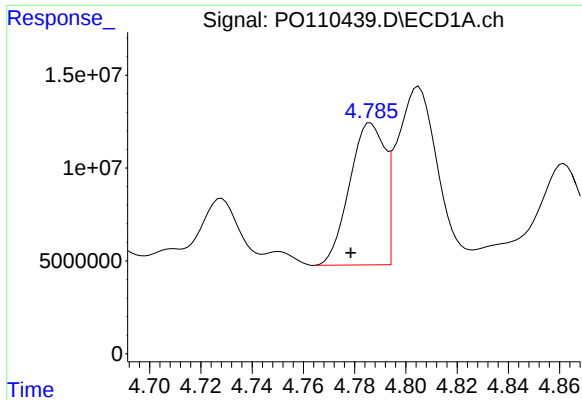
#2 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.011 min
Response: 82905313
Conc: 10.50 ng/ml



#2 Decachlorobiphenyl

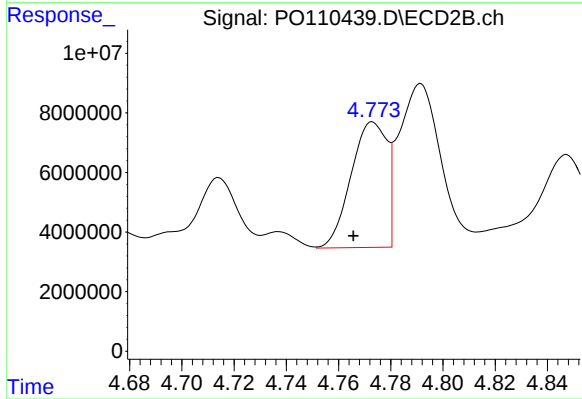
R.T.: 8.693 min
Delta R.T.: 0.009 min
Response: 17250977
Conc: 8.96 ng/ml



#3 AR-1016-1

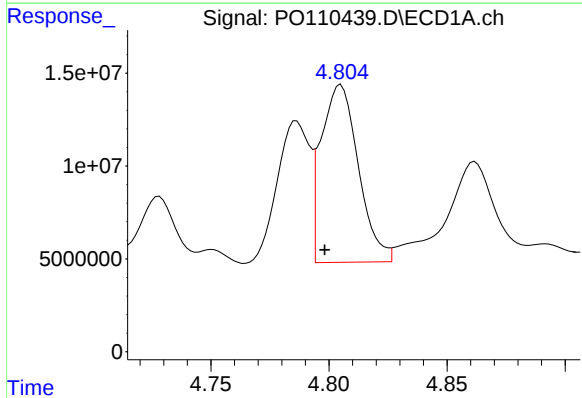
R.T.: 4.786 min
Delta R.T.: 0.008 min
Response: 73041355
Conc: 222.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



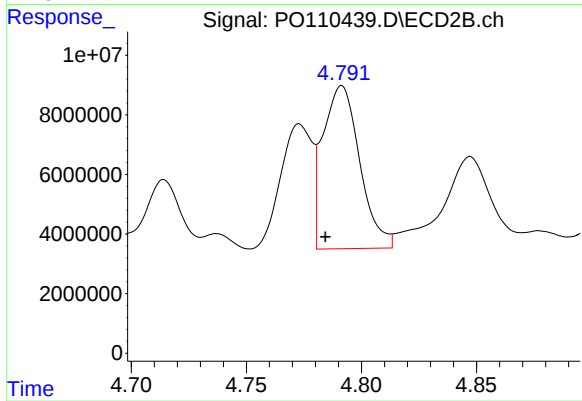
#3 AR-1016-1

R.T.: 4.773 min
Delta R.T.: 0.007 min
Response: 40251736
Conc: 229.34 ng/ml



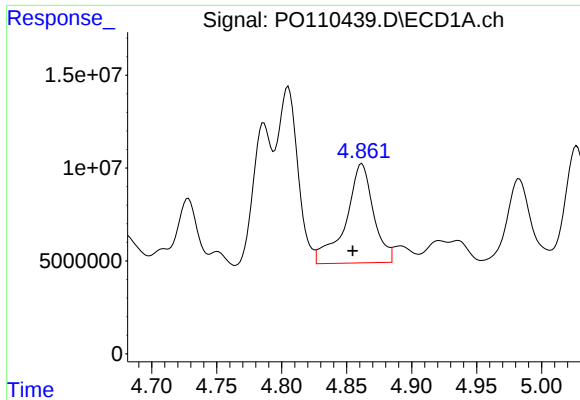
#4 AR-1016-2

R.T.: 4.805 min
Delta R.T.: 0.007 min
Response: 105163520
Conc: 231.15 ng/ml



#4 AR-1016-2

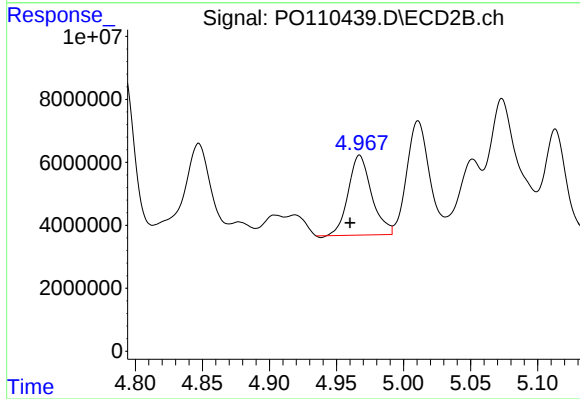
R.T.: 4.791 min
Delta R.T.: 0.007 min
Response: 61082169
Conc: 242.91 ng/ml



#5 AR-1016-3

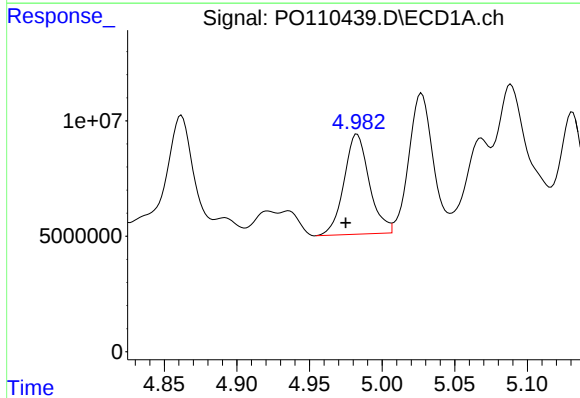
R.T.: 4.862 min
Delta R.T.: 0.007 min
Response: 79483082
Conc: 246.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



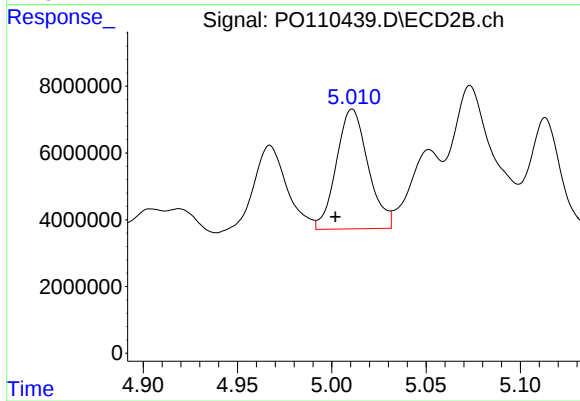
#5 AR-1016-3

R.T.: 4.967 min
Delta R.T.: 0.007 min
Response: 30635800
Conc: 225.74 ng/ml



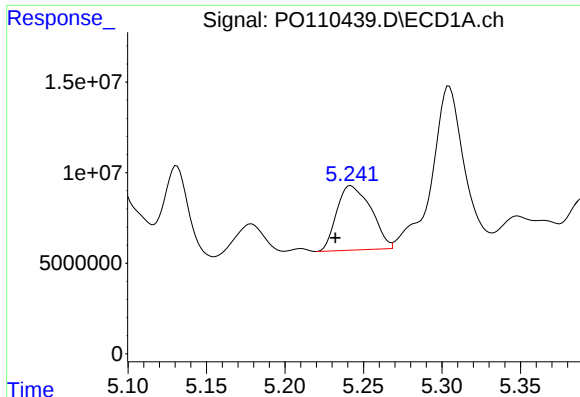
#6 AR-1016-4

R.T.: 4.983 min
Delta R.T.: 0.008 min
Response: 52557711
Conc: 210.94 ng/ml



#6 AR-1016-4

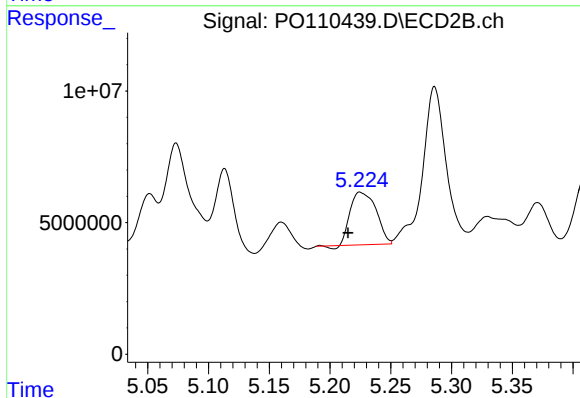
R.T.: 5.011 min
Delta R.T.: 0.009 min
Response: 42099873
Conc: 368.11 ng/ml



#7 AR-1016-5

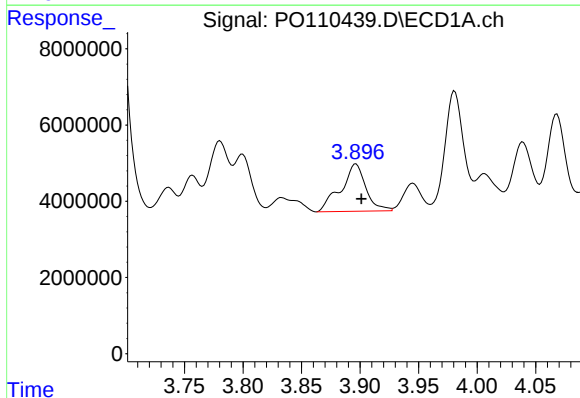
R.T.: 5.242 min
Delta R.T.: 0.010 min
Response: 54042862
Conc: 200.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



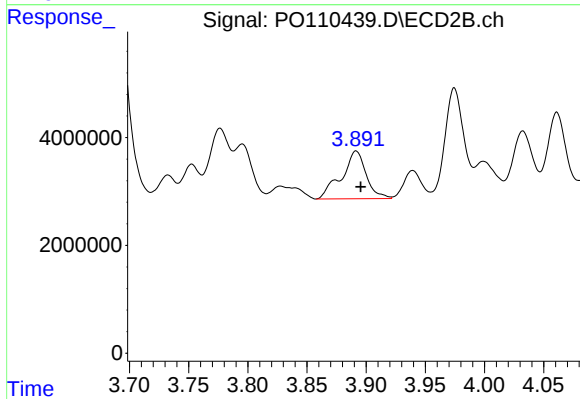
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: 0.010 min
Response: 29313711
Conc: 196.64 ng/ml



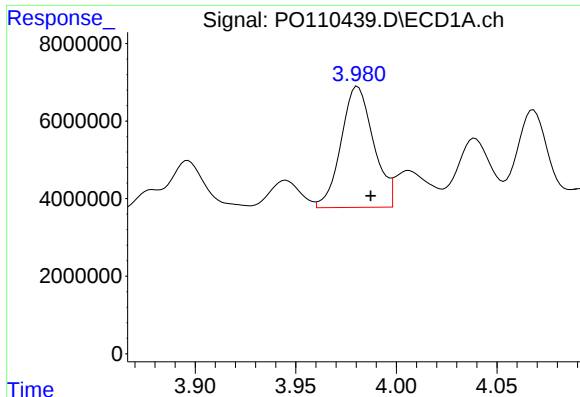
#8 AR-1221-1

R.T.: 3.896 min
Delta R.T.: -0.005 min
Response: 18462907
Conc: 156.42 ng/ml



#8 AR-1221-1

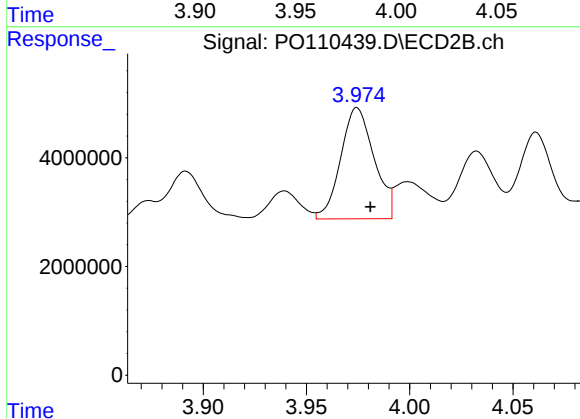
R.T.: 3.892 min
Delta R.T.: -0.004 min
Response: 12847779
Conc: 192.41 ng/ml



#9 AR-1221-2

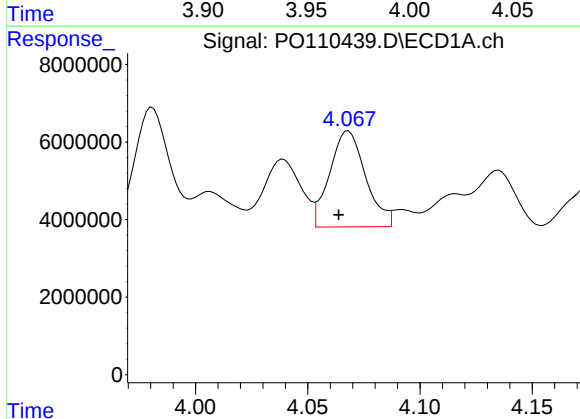
R.T.: 3.981 min
Delta R.T.: -0.007 min
Response: 34964211
Conc: 395.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



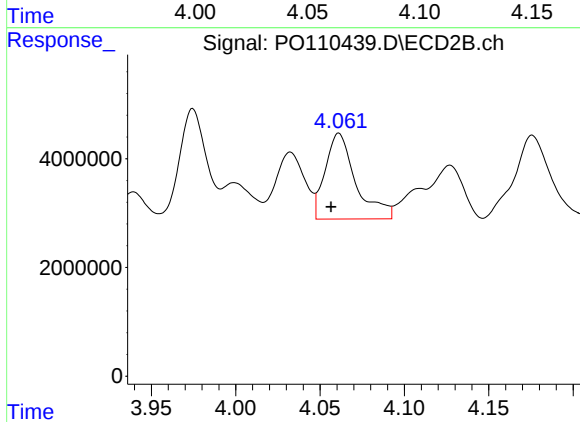
#9 AR-1221-2

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 23011436
Conc: 459.34 ng/ml



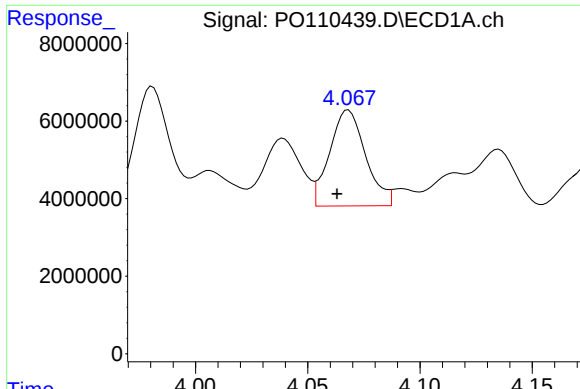
#10 AR-1221-3

R.T.: 4.068 min
Delta R.T.: 0.004 min
Response: 27678836
Conc: 105.19 ng/ml



#10 AR-1221-3

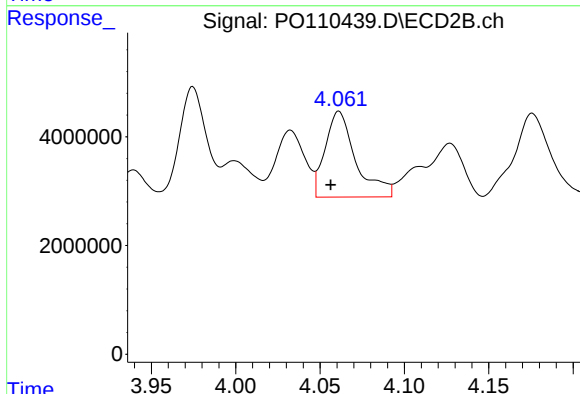
R.T.: 4.061 min
Delta R.T.: 0.005 min
Response: 19901378
Conc: 133.41 ng/ml



#11 AR-1232-1

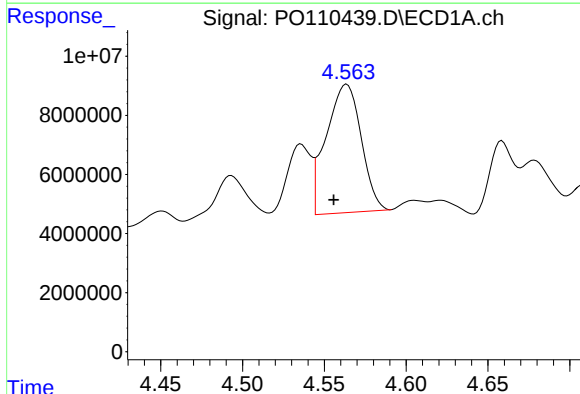
R.T.: 4.068 min
Delta R.T.: 0.005 min
Response: 27678836
Conc: 135.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



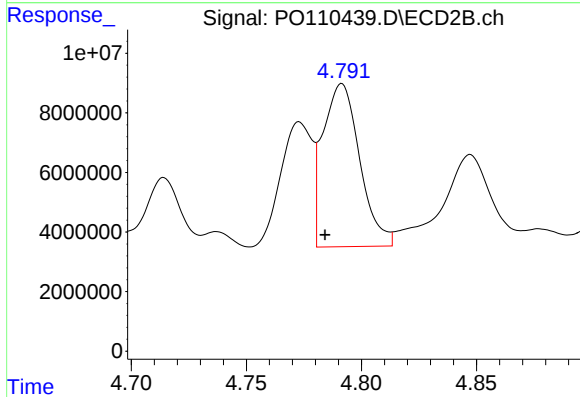
#11 AR-1232-1

R.T.: 4.061 min
Delta R.T.: 0.005 min
Response: 19901378
Conc: 173.02 ng/ml



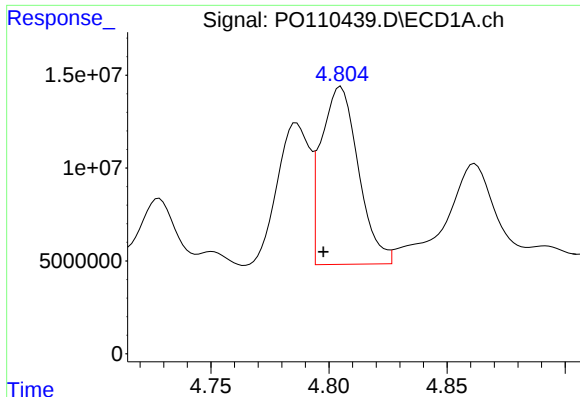
#12 AR-1232-2

R.T.: 4.564 min
Delta R.T.: 0.008 min
Response: 64653154
Conc: 605.89 ng/ml



#12 AR-1232-2

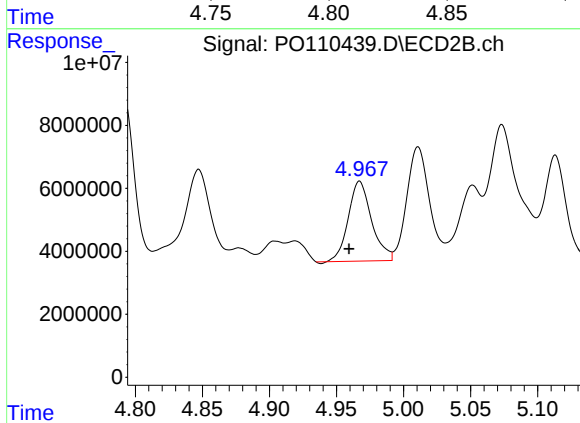
R.T.: 4.791 min
Delta R.T.: 0.007 min
Response: 61082169
Conc: 550.94 ng/ml



#13 AR-1232-3

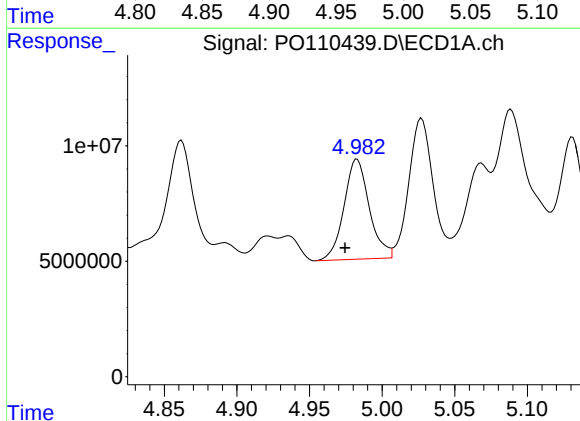
R.T.: 4.805 min
Delta R.T.: 0.007 min
Response: 105163520
Conc: 526.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



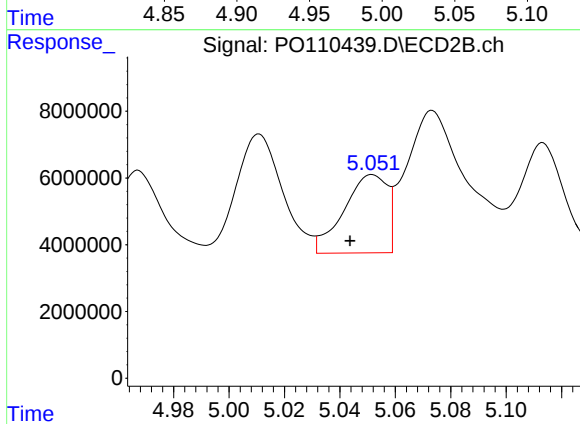
#13 AR-1232-3

R.T.: 4.967 min
Delta R.T.: 0.008 min
Response: 30635800
Conc: 535.56 ng/ml



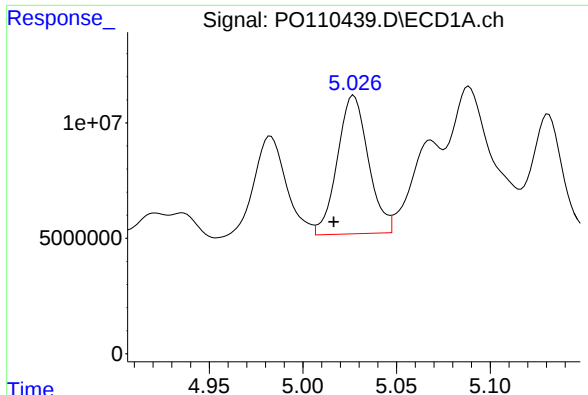
#14 AR-1232-4

R.T.: 4.983 min
Delta R.T.: 0.008 min
Response: 52557711
Conc: 513.77 ng/ml



#14 AR-1232-4

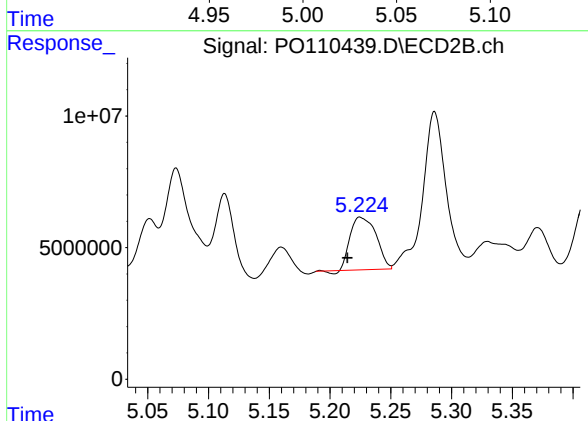
R.T.: 5.052 min
Delta R.T.: 0.008 min
Response: 25613906
Conc: 474.74 ng/ml



#15 AR-1232-5

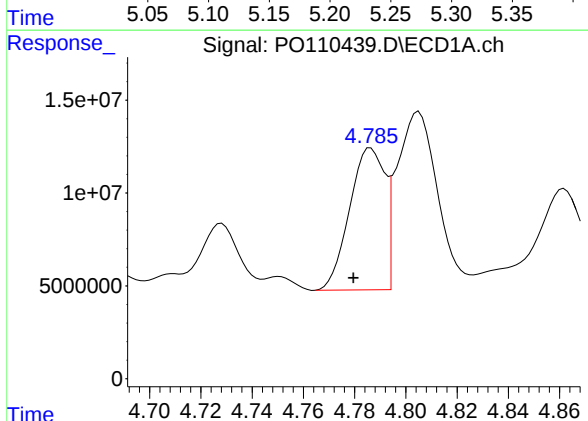
R.T.: 5.027 min
Delta R.T.: 0.011 min
Response: 69053106
Conc: 1002.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



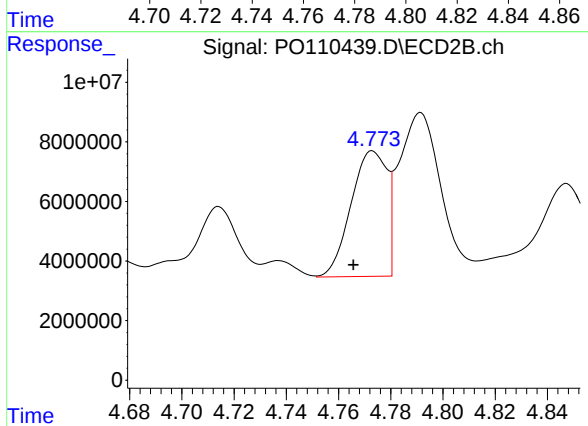
#15 AR-1232-5

R.T.: 5.225 min
Delta R.T.: 0.010 min
Response: 29313711
Conc: 513.05 ng/ml



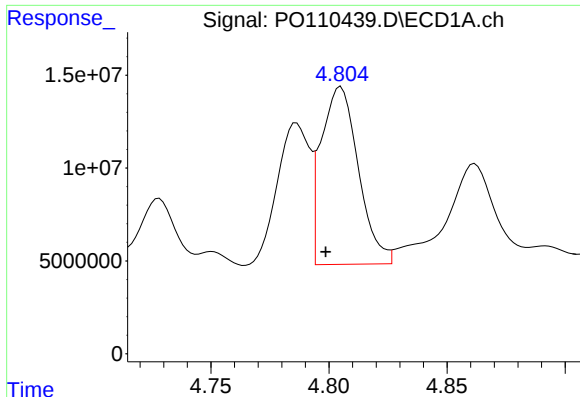
#16 AR-1242-1

R.T.: 4.786 min
Delta R.T.: 0.007 min
Response: 73041355
Conc: 263.18 ng/ml



#16 AR-1242-1

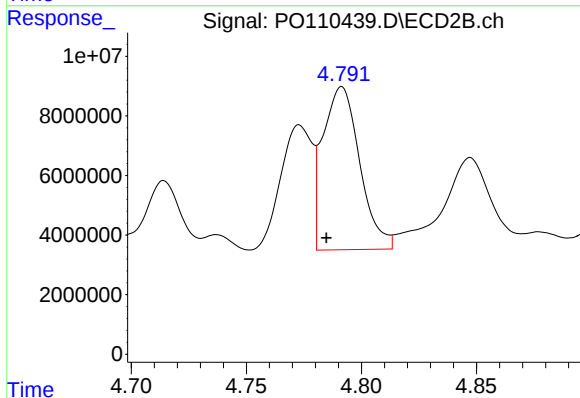
R.T.: 4.773 min
Delta R.T.: 0.007 min
Response: 40251736
Conc: 269.24 ng/ml



#17 AR-1242-2

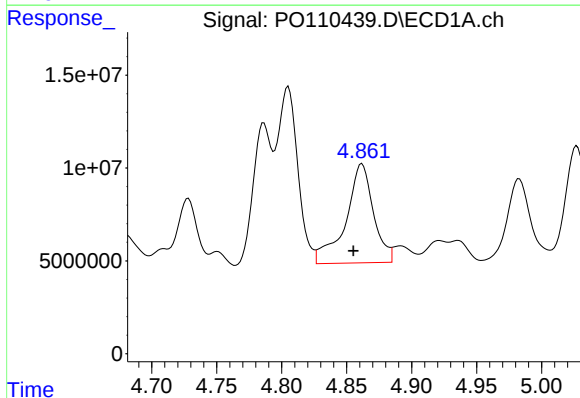
R.T.: 4.805 min
Delta R.T.: 0.006 min
Response: 105163520
Conc: 272.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



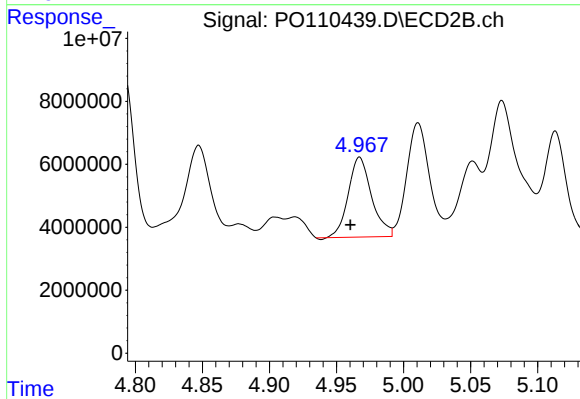
#17 AR-1242-2

R.T.: 4.791 min
Delta R.T.: 0.007 min
Response: 61082169
Conc: 286.28 ng/ml



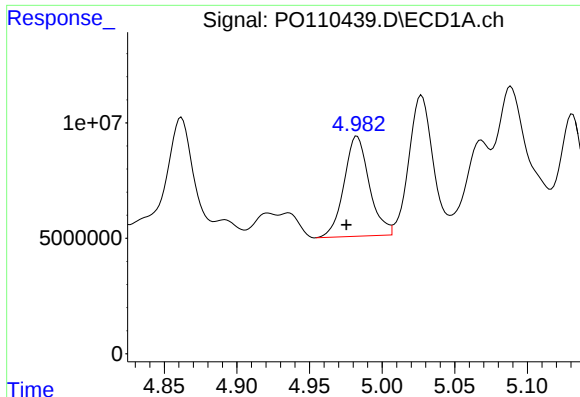
#18 AR-1242-3

R.T.: 4.862 min
Delta R.T.: 0.007 min
Response: 79483082
Conc: 285.70 ng/ml



#18 AR-1242-3

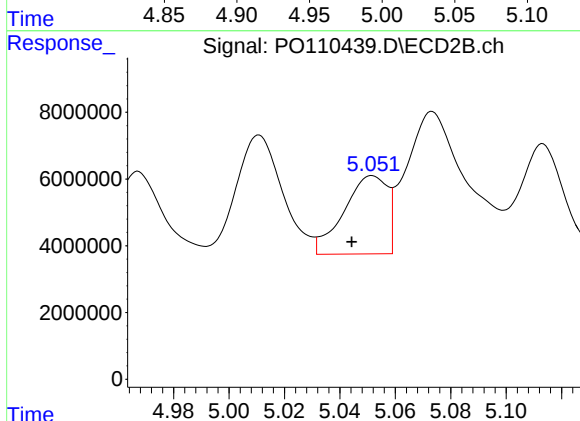
R.T.: 4.967 min
Delta R.T.: 0.007 min
Response: 30635800
Conc: 265.06 ng/ml



#19 AR-1242-4

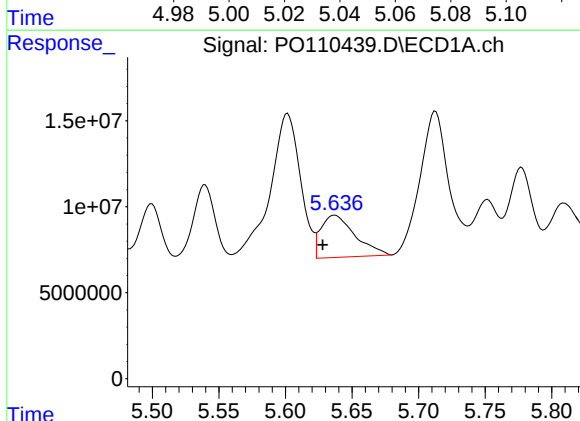
R.T.: 4.983 min
Delta R.T.: 0.007 min
Response: 52557711
Conc: 248.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



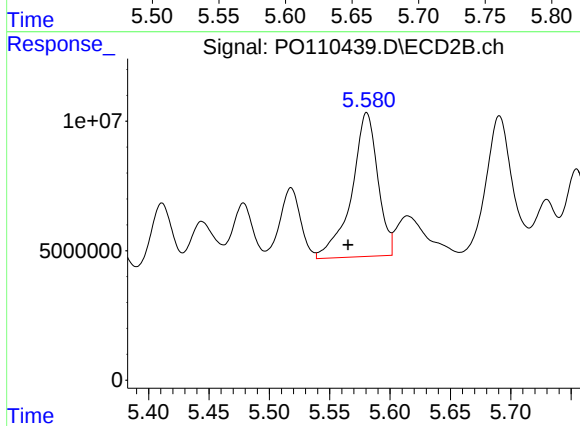
#19 AR-1242-4

R.T.: 5.052 min
Delta R.T.: 0.007 min
Response: 25613906
Conc: 213.27 ng/ml



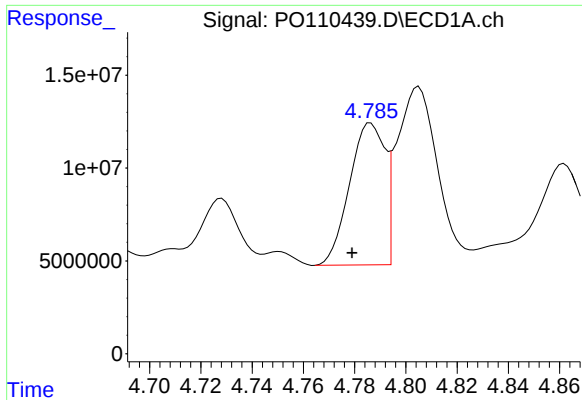
#20 AR-1242-5

R.T.: 5.637 min
Delta R.T.: 0.009 min
Response: 43710359
Conc: 193.07 ng/ml



#20 AR-1242-5

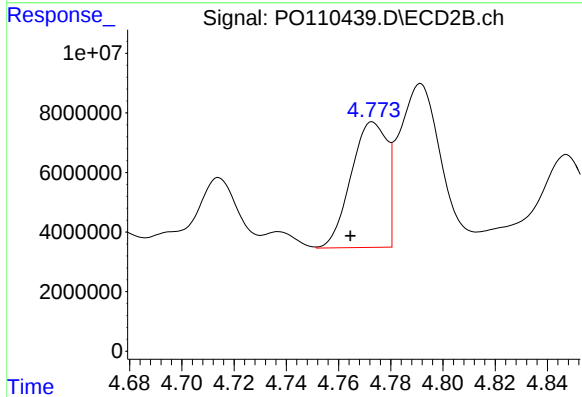
R.T.: 5.581 min
Delta R.T.: 0.015 min
Response: 84081772
Conc: 579.49 ng/ml



#21 AR-1248-1

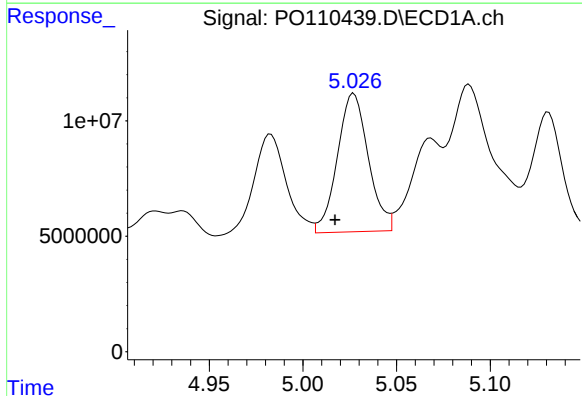
R.T.: 4.786 min
Delta R.T.: 0.007 min
Response: 73041355
Conc: 343.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



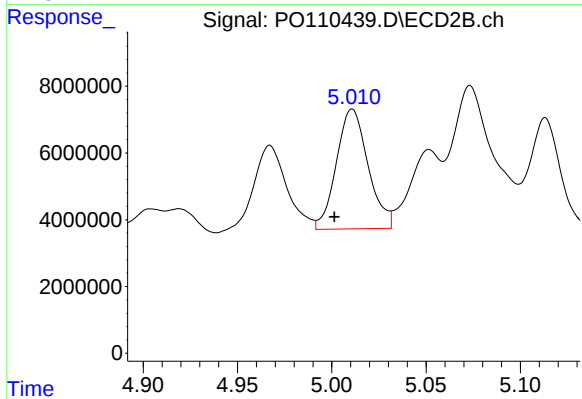
#21 AR-1248-1

R.T.: 4.773 min
Delta R.T.: 0.009 min
Response: 40251736
Conc: 349.61 ng/ml



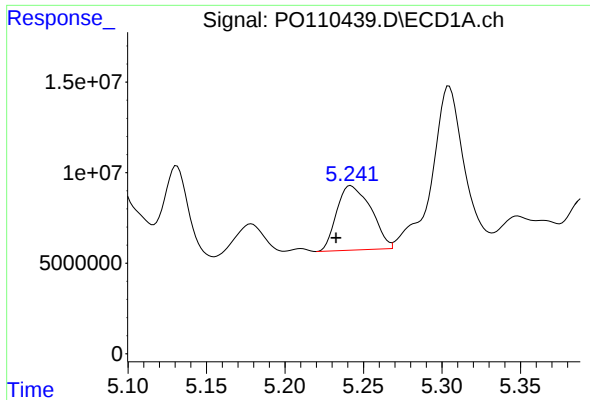
#22 AR-1248-2

R.T.: 5.027 min
Delta R.T.: 0.010 min
Response: 69053106
Conc: 233.35 ng/ml



#22 AR-1248-2

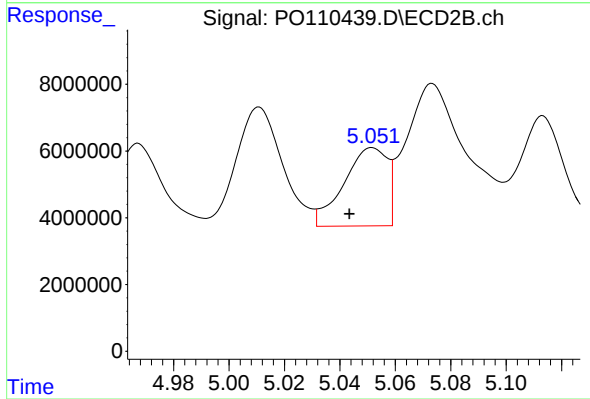
R.T.: 5.011 min
Delta R.T.: 0.009 min
Response: 42099873
Conc: 258.47 ng/ml



#23 AR-1248-3

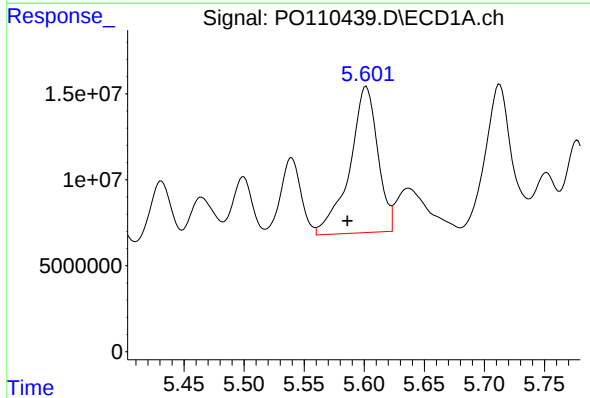
R.T.: 5.242 min
Delta R.T.: 0.009 min
Response: 54042862
Conc: 146.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



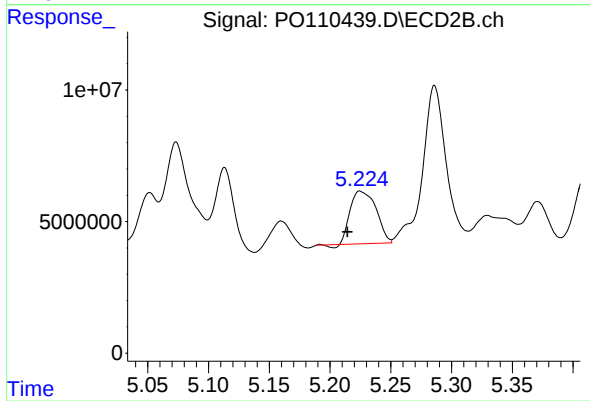
#23 AR-1248-3

R.T.: 5.052 min
Delta R.T.: 0.008 min
Response: 25613906
Conc: 145.65 ng/ml



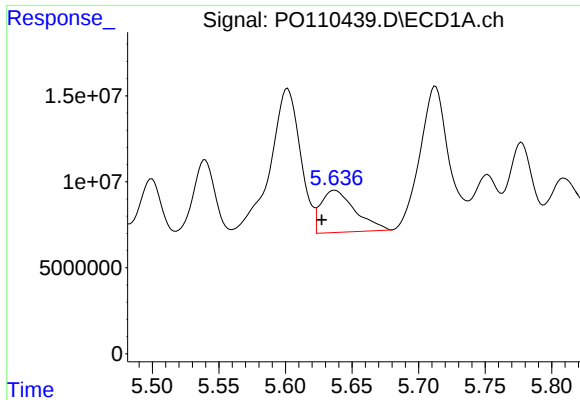
#24 AR-1248-4

R.T.: 5.602 min
Delta R.T.: 0.016 min
Response: 137946832
Conc: 265.27 ng/ml



#24 AR-1248-4

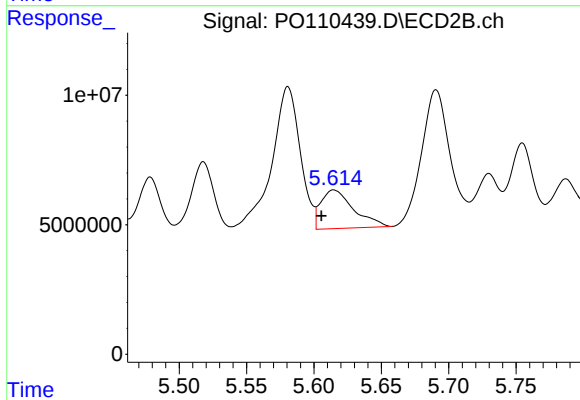
R.T.: 5.225 min
Delta R.T.: 0.011 min
Response: 29313711
Conc: 143.92 ng/ml



#25 AR-1248-5

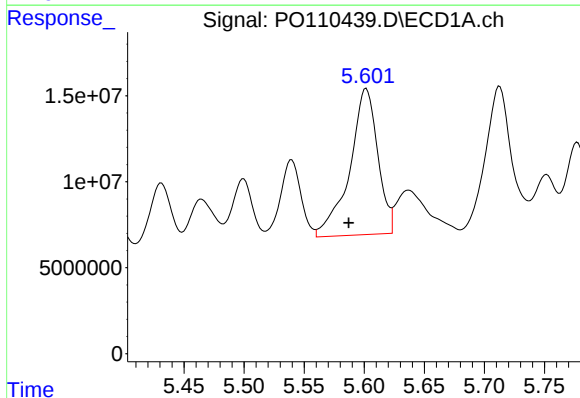
R.T.: 5.637 min
Delta R.T.: 0.010 min
Response: 43710359
Conc: 118.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



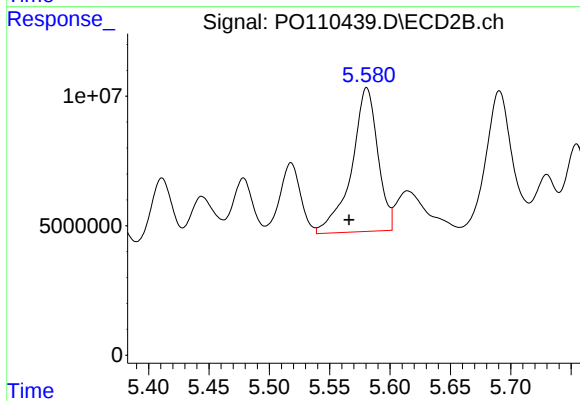
#25 AR-1248-5

R.T.: 5.615 min
Delta R.T.: 0.009 min
Response: 25208494
Conc: 127.71 ng/ml



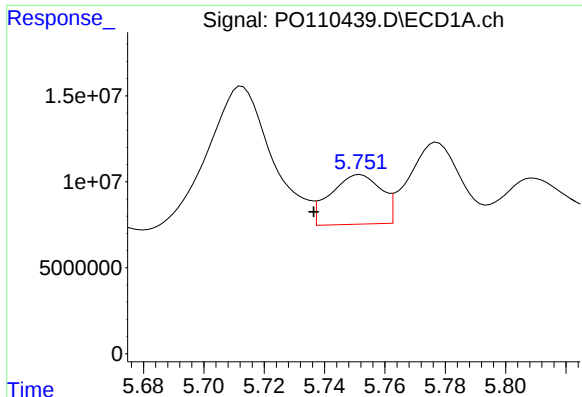
#26 AR-1254-1

R.T.: 5.602 min
Delta R.T.: 0.015 min
Response: 137946832
Conc: 247.22 ng/ml



#26 AR-1254-1

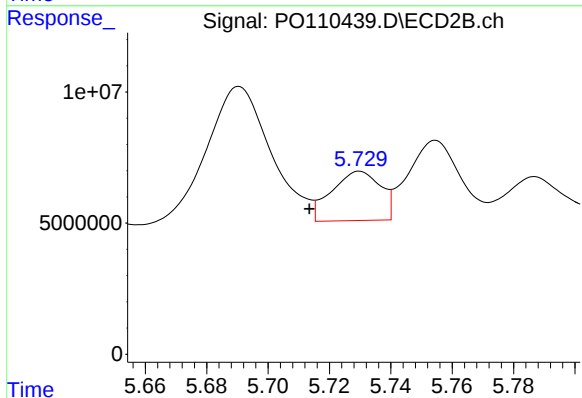
R.T.: 5.581 min
Delta R.T.: 0.015 min
Response: 84081772
Conc: 278.88 ng/ml



#27 AR-1254-2

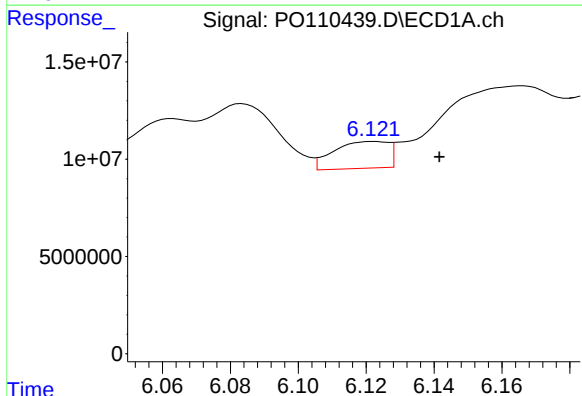
R.T.: 5.752 min
Delta R.T.: 0.015 min
Response: 33647849
Conc: 69.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



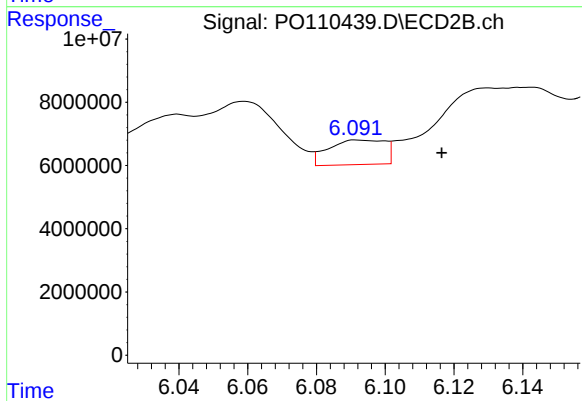
#27 AR-1254-2

R.T.: 5.730 min
Delta R.T.: 0.016 min
Response: 20791280
Conc: 78.55 ng/ml



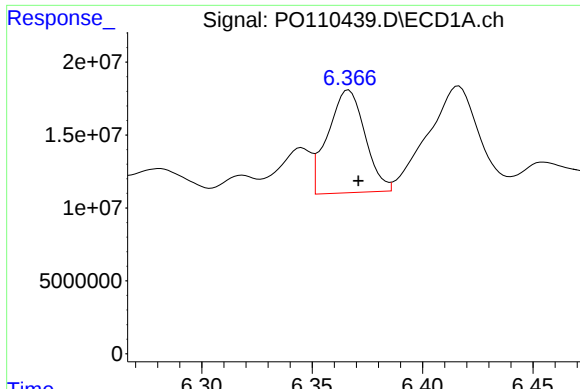
#28 AR-1254-3

R.T.: 6.122 min
Delta R.T.: -0.019 min
Response: 15407043
Conc: 19.67 ng/ml



#28 AR-1254-3

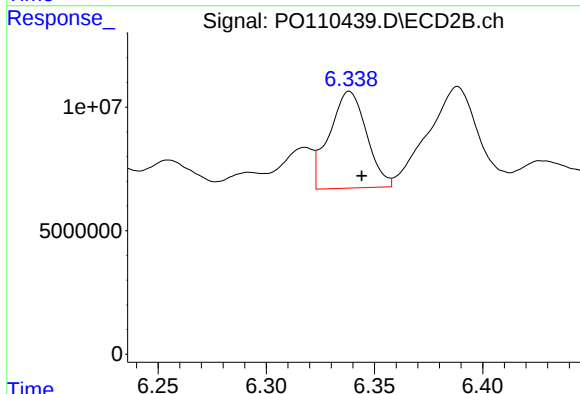
R.T.: 6.092 min
Delta R.T.: -0.025 min
Response: 8839864
Conc: 21.91 ng/ml



#29 AR-1254-4

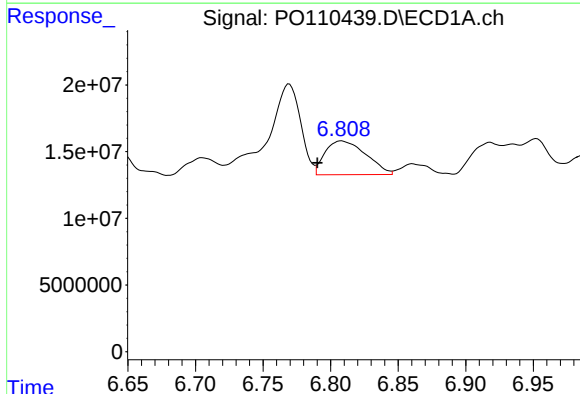
R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 82777579
Conc: 169.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



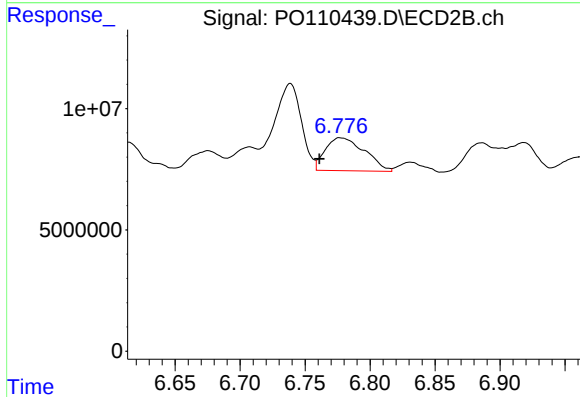
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 46914175
Conc: 204.23 ng/ml



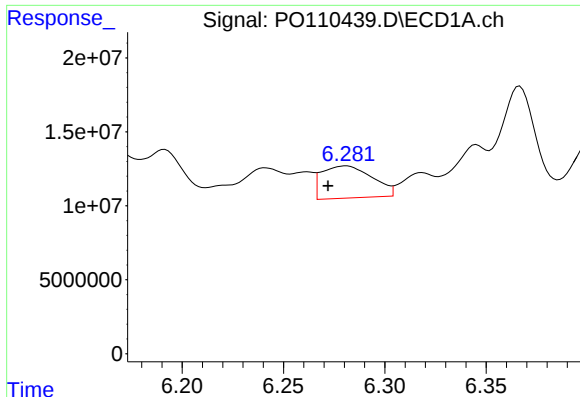
#30 AR-1254-5

R.T.: 6.808 min
Delta R.T.: 0.018 min
Response: 53216346
Conc: 75.93 ng/ml



#30 AR-1254-5

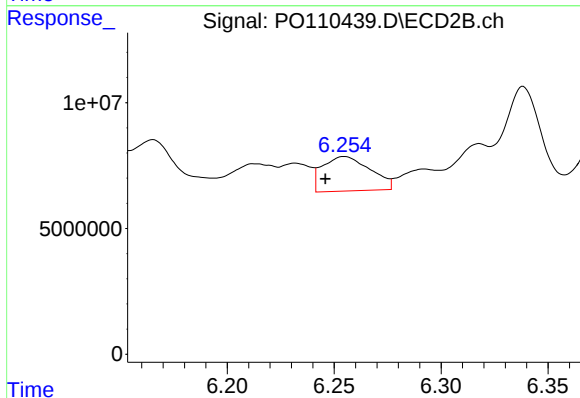
R.T.: 6.777 min
Delta R.T.: 0.016 min
Response: 28551122
Conc: 85.92 ng/ml



#31 AR-1260-1

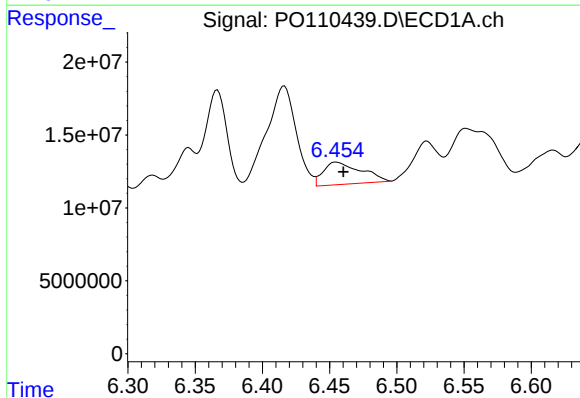
R.T.: 6.281 min
Delta R.T.: 0.009 min
Response: 37655696
Conc: 79.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



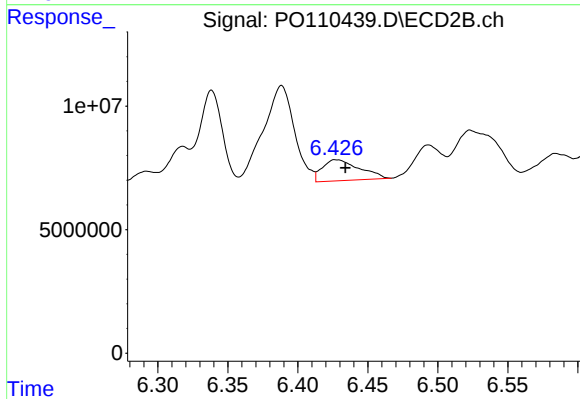
#31 AR-1260-1

R.T.: 6.255 min
Delta R.T.: 0.009 min
Response: 21267499
Conc: 86.47 ng/ml



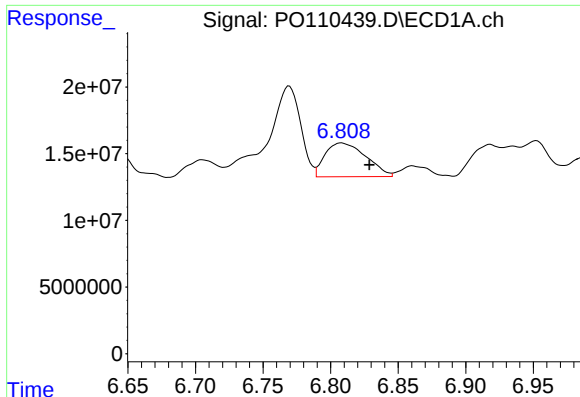
#32 AR-1260-2

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 29998051
Conc: 51.15 ng/ml



#32 AR-1260-2

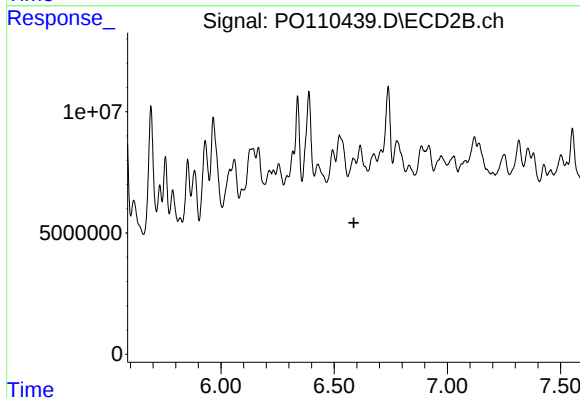
R.T.: 6.427 min
Delta R.T.: -0.007 min
Response: 15703002
Conc: 53.82 ng/ml



#33 AR-1260-3

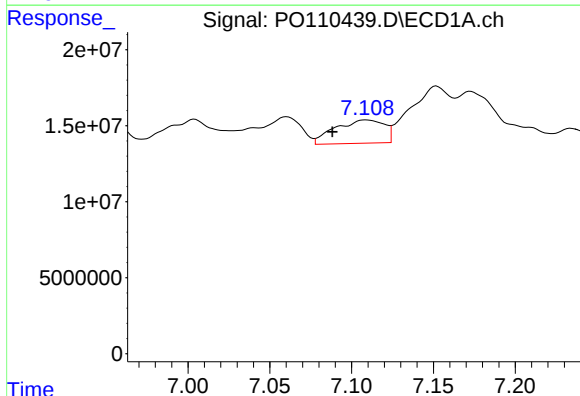
R.T.: 6.808 min
Delta R.T.: -0.020 min
Response: 53216346
Conc: 107.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



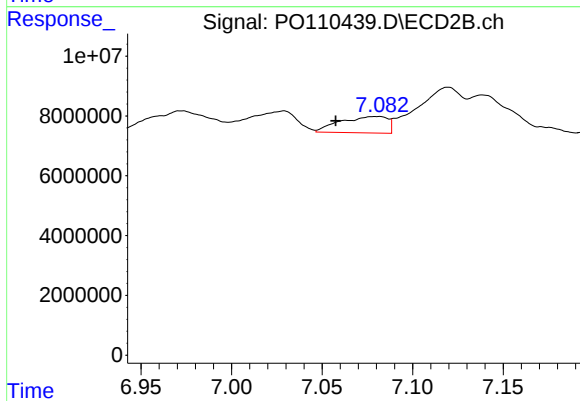
#33 AR-1260-3

R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: -12076171
Conc: N.D.



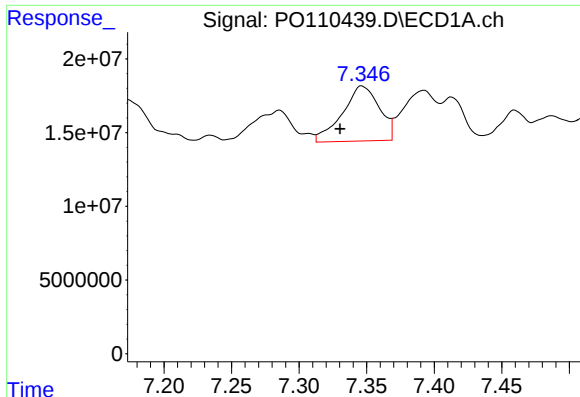
#34 AR-1260-4

R.T.: 7.109 min
Delta R.T.: 0.020 min
Response: 32193564
Conc: 75.85 ng/ml



#34 AR-1260-4

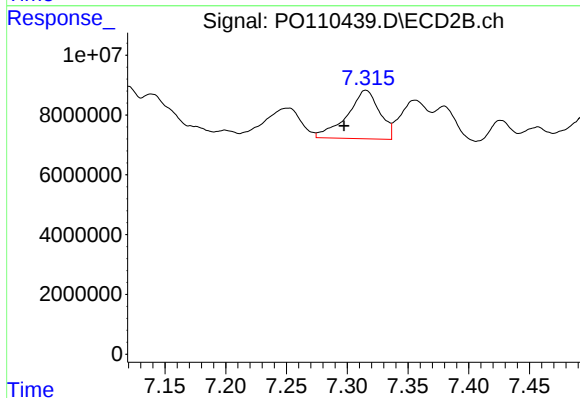
R.T.: 7.081 min
Delta R.T.: 0.023 min
Response: 9969109
Conc: 49.69 ng/ml



#35 AR-1260-5

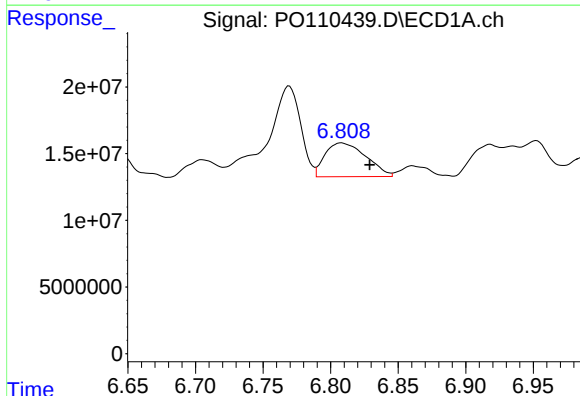
R.T.: 7.346 min
Delta R.T.: 0.016 min
Response: 70959853
Conc: 68.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



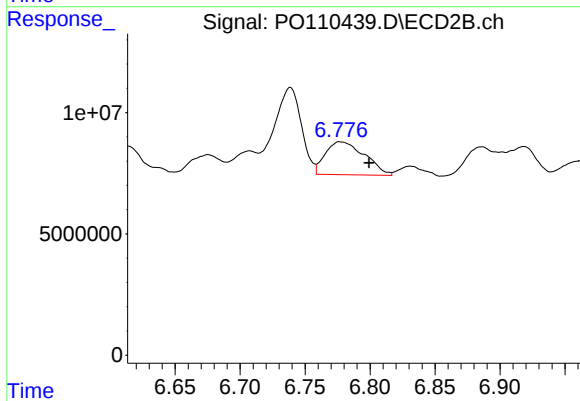
#35 AR-1260-5

R.T.: 7.315 min
Delta R.T.: 0.018 min
Response: 30152904
Conc: 65.71 ng/ml



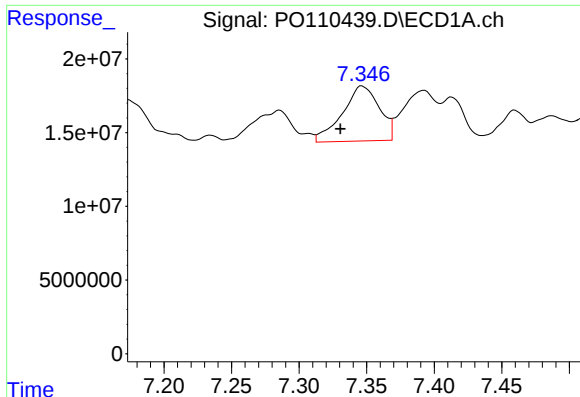
#36 AR-1262-1

R.T.: 6.808 min
Delta R.T.: -0.021 min
Response: 53216346
Conc: 75.87 ng/ml



#36 AR-1262-1

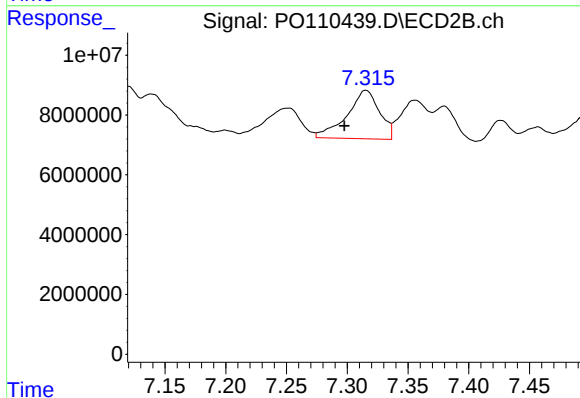
R.T.: 6.777 min
Delta R.T.: -0.022 min
Response: 28551122
Conc: 86.69 ng/ml



#37 AR-1262-2

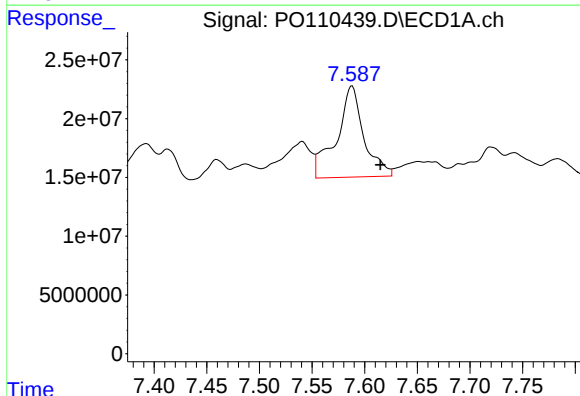
R.T.: 7.346 min
Delta R.T.: 0.016 min
Response: 70959853
Conc: 58.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



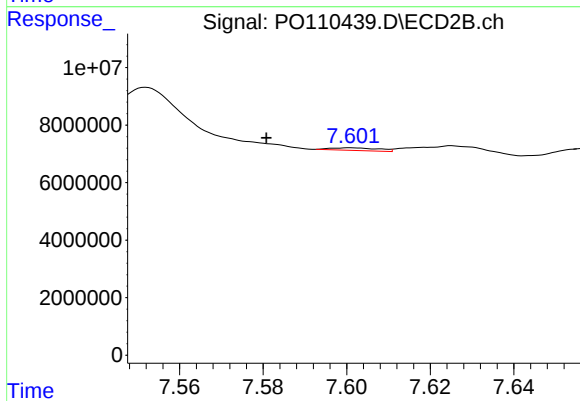
#37 AR-1262-2

R.T.: 7.315 min
Delta R.T.: 0.018 min
Response: 30152904
Conc: 59.30 ng/ml



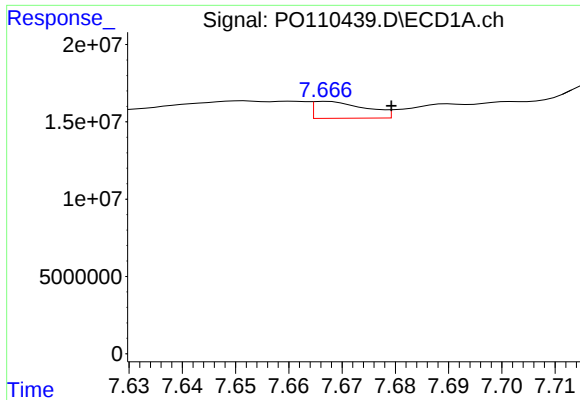
#38 AR-1262-3

R.T.: 7.588 min
Delta R.T.: -0.027 min
Response: 140536920
Conc: 276.05 ng/ml



#38 AR-1262-3

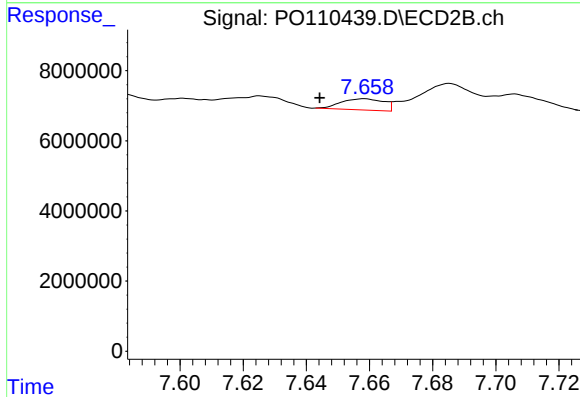
R.T.: 7.601 min
Delta R.T.: 0.020 min
Response: 742036
Conc: 3.83 ng/ml



#39 AR-1262-4

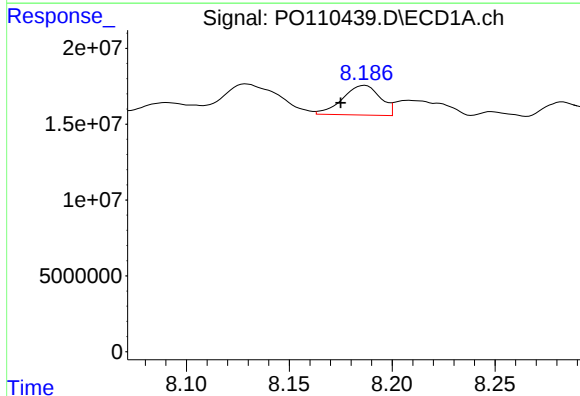
R.T.: 7.667 min
Delta R.T.: -0.013 min
Response: 7379130
Conc: 8.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



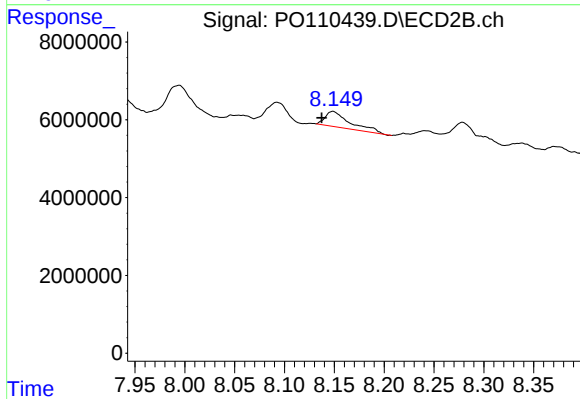
#39 AR-1262-4

R.T.: 7.658 min
Delta R.T.: 0.014 min
Response: 3016103
Conc: 8.69 ng/ml



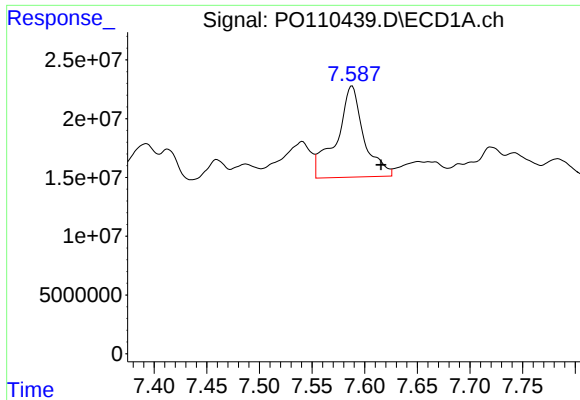
#40 AR-1262-5

R.T.: 8.187 min
Delta R.T.: 0.012 min
Response: 24900322
Conc: 61.79 ng/ml



#40 AR-1262-5

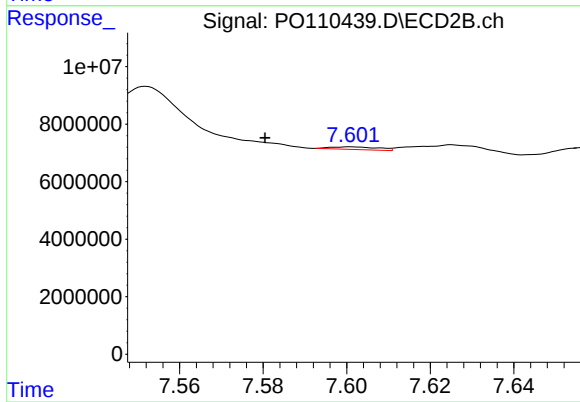
R.T.: 8.149 min
Delta R.T.: 0.011 min
Response: 6935957
Conc: 55.67 ng/ml



#41 AR-1268-1

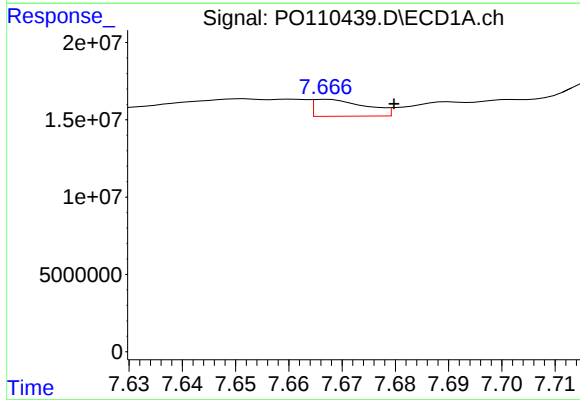
R.T.: 7.588 min
Delta R.T.: -0.028 min
Response: 140536920
Conc: 100.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



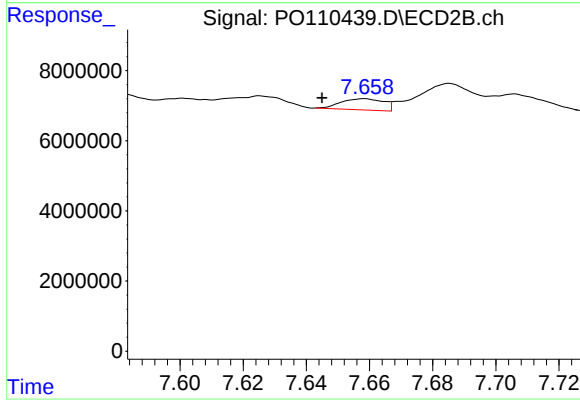
#41 AR-1268-1

R.T.: 7.601 min
Delta R.T.: 0.021 min
Response: 742036
Conc: 1.35 ng/ml



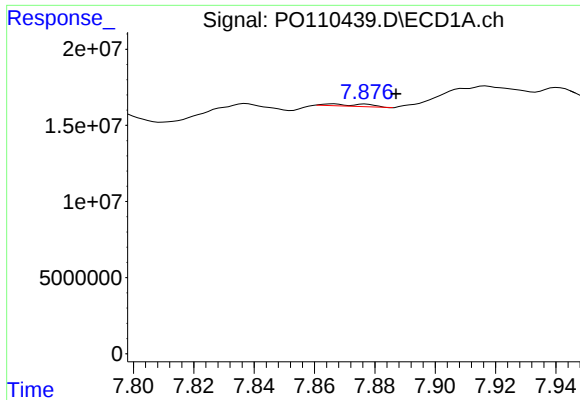
#42 AR-1268-2

R.T.: 7.667 min
Delta R.T.: -0.013 min
Response: 7379130
Conc: 5.77 ng/ml



#42 AR-1268-2

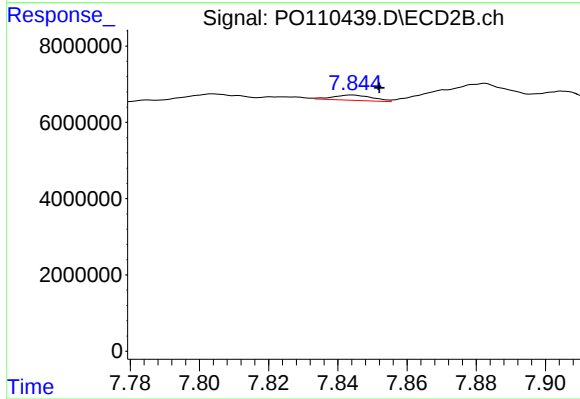
R.T.: 7.658 min
Delta R.T.: 0.013 min
Response: 3016103
Conc: 6.06 ng/ml



#43 AR-1268-3

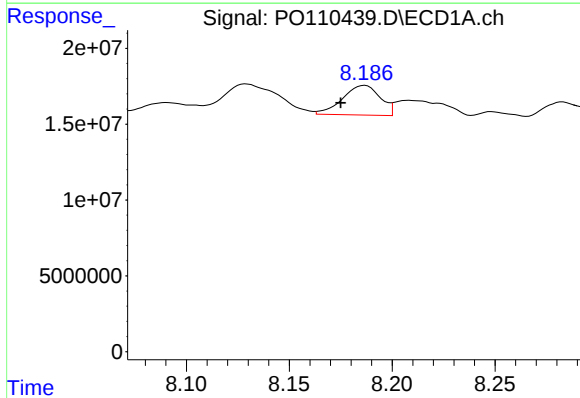
R.T.: 7.877 min
Delta R.T.: -0.010 min
Response: 1394619
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



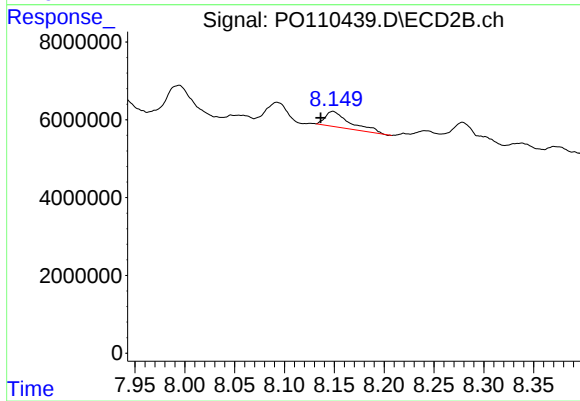
#43 AR-1268-3

R.T.: 7.844 min
Delta R.T.: -0.008 min
Response: 1104540
Conc: 2.97 ng/ml



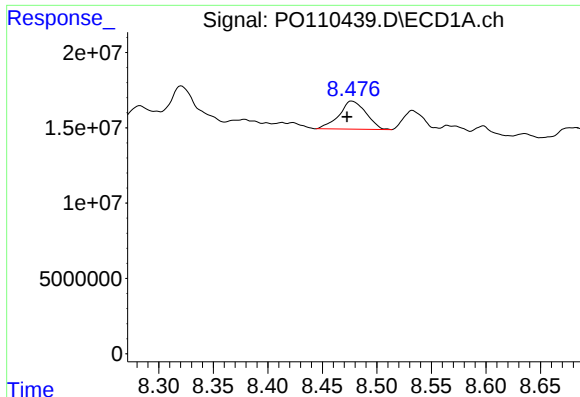
#44 AR-1268-4

R.T.: 8.187 min
Delta R.T.: 0.012 min
Response: 24900322
Conc: 56.06 ng/ml



#44 AR-1268-4

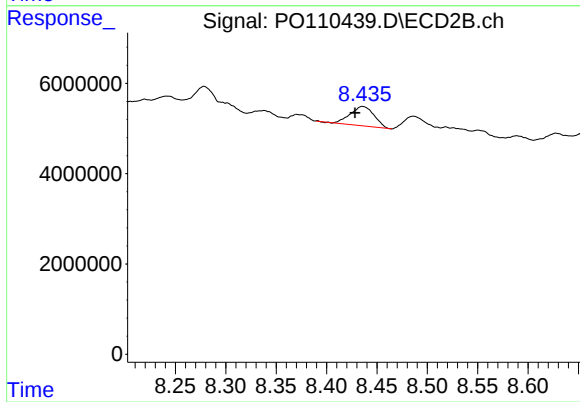
R.T.: 8.149 min
Delta R.T.: 0.012 min
Response: 6935957
Conc: 49.14 ng/ml



#45 AR-1268-5

R.T.: 8.477 min
Delta R.T.: 0.004 min
Response: 31928936
Conc: 9.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.436 min
Delta R.T.: 0.008 min
Response: 7067744
Conc: 8.98 ng/ml