

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051925\
 Data File : P0111192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 20:37
 Operator : YP/AJ
 Sample : Q2071-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:46:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 15 07:11:53 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...	3.681	3.677	111.7E6	94558606	18.984	17.346
2) SA Decachlor...	8.723	8.673	65935809	26012072	12.771	14.059
Target Compounds						
3) L1 AR-1016-1	4.766	4.772	322837	1731445	1.434	9.069 #
4) L1 AR-1016-2	4.788	4.772	255980	1731445	0.803	6.248 #
5) L1 AR-1016-3	4.845	4.952	137439	579408	0.633	3.967 #
6) L1 AR-1016-4	4.973	5.003	714449	229186	4.103	1.908 #
7) L1 AR-1016-5	5.218	5.199	1869049	1231323	10.620	7.975
8) L2 AR-1221-1	3.899	3.894	728174	70930	8.360	0.961 #
9) L2 AR-1221-2	3.981	3.976	5406903	1982956	84.876	36.442 #
10) L2 AR-1221-3	4.056	4.055	1682901	241570	8.750	1.446 #
11) L3 AR-1232-1	4.056	4.055	1682901	241570	10.987	1.850 #
12) L3 AR-1232-2	4.547	4.772	1299874	1731445	15.862	13.201
13) L3 AR-1232-3	4.788	4.952	255980	579408	1.674	8.512 #
14) L3 AR-1232-4	4.973	5.037	714449	299188	8.686	4.851 #
15) L3 AR-1232-5	5.001	5.199	52739	1231323	0.972	18.732 #
16) L4 AR-1242-1	4.766	4.772	322837	1731445	1.688	10.747 #
17) L4 AR-1242-2	4.788	4.772	255980	1731445	0.941	7.380 #
18) L4 AR-1242-3	4.845	4.952	137439	579408	0.739	4.687 #
19) L4 AR-1242-4	4.973	5.037	714449	299188	4.834	2.420 #
20) L4 AR-1242-5	5.618	5.556	2428965	719541	15.616	4.734 #
21) L5 AR-1248-1	4.766	4.772	322837	1731445	2.108	13.347 #
22) L5 AR-1248-2	5.001	5.003	52739	229186	0.263	1.303 #
23) L5 AR-1248-3	5.218	5.037	1869049	299188	7.301	1.595 #
24) L5 AR-1248-4	5.580	5.199	6678786	1231323	18.440	5.601 #
25) L5 AR-1248-5	5.618	5.596	2428965	304023	9.269	1.393 #
26) L6 AR-1254-1	5.580	5.556	6678786	719541	17.595	2.221 #
27) L6 AR-1254-2	5.726	5.707	4246432	665725	12.995	2.350 #
28) L6 AR-1254-3	6.138	6.110	1973741	1751880	3.751	4.060
29) L6 AR-1254-4	6.354	6.330	598276	639694	1.780	2.586 #
30) L6 AR-1254-5	6.781	6.749	6517445	3750695	13.737	10.842
31) L7 AR-1260-1	6.265	6.238	2870205	1798431	9.411	7.197
32) L7 AR-1260-2	6.454	6.424	886220	471789	2.314	1.603 #
33) L7 AR-1260-3	6.820	6.573	5356249	460316	15.366	1.605 #
34) L7 AR-1260-4	7.063	7.053	3119835	2006808	11.144	9.996
35) L7 AR-1260-5	7.326	7.292	1847442	1834011	2.566	3.990 #
36) L8 AR-1262-1	6.820	6.781	5356249	1560703	11.006	4.580 #
37) L8 AR-1262-2	7.326	7.292	1847442	1834011	2.285	3.647 #
38) L8 AR-1262-3	7.607	7.572	1124038	973184	3.323	5.187 #
39) L8 AR-1262-4	7.662	7.628	1092014	522974	1.850	1.584
40) L8 AR-1262-5	8.172	8.097	5236423	245744	18.359	2.188 #
41) L9 AR-1268-1	7.607	7.572	1124038	973184	1.159	1.836 #

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Integration File signal 1: autoint1.e
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 Quant Time: May 20 02:46:04 2025
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 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 15 07:11:53 2025
 Response via : Initial Calibration
 Integrator: ChemStation

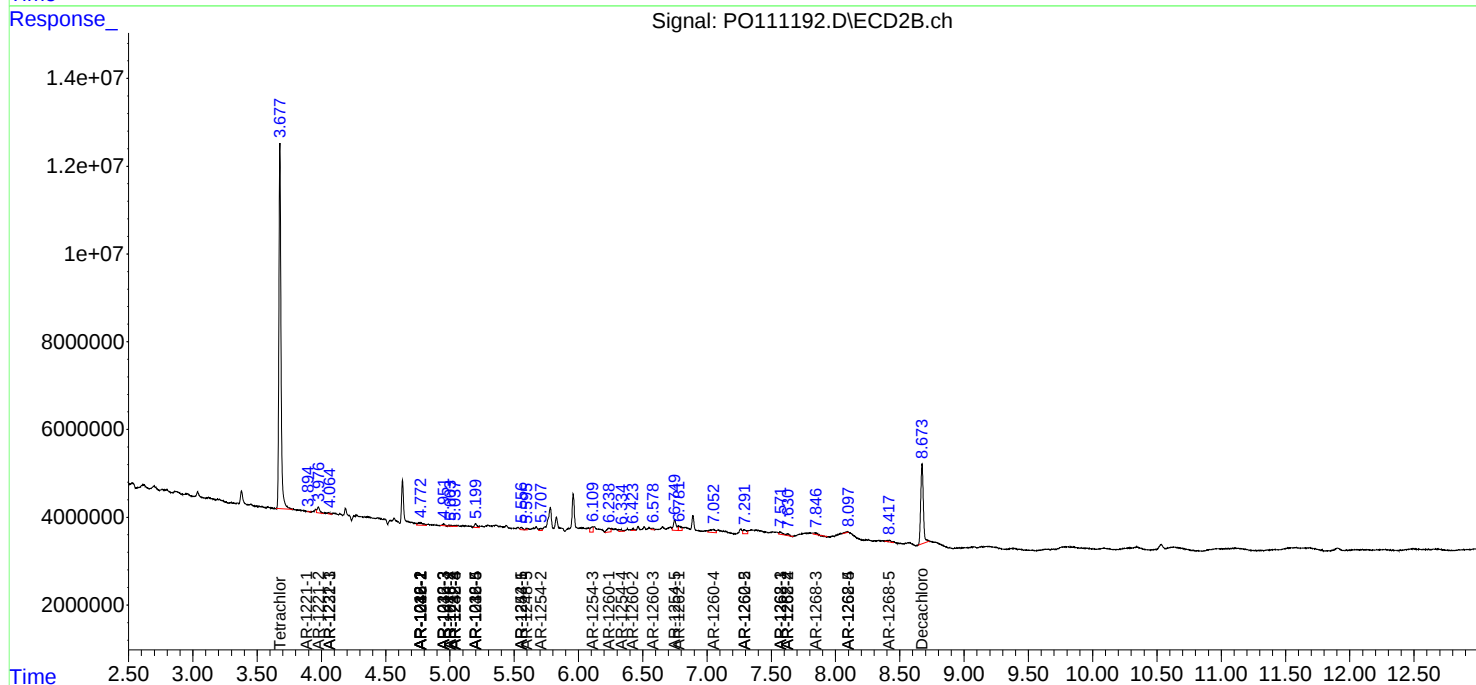
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

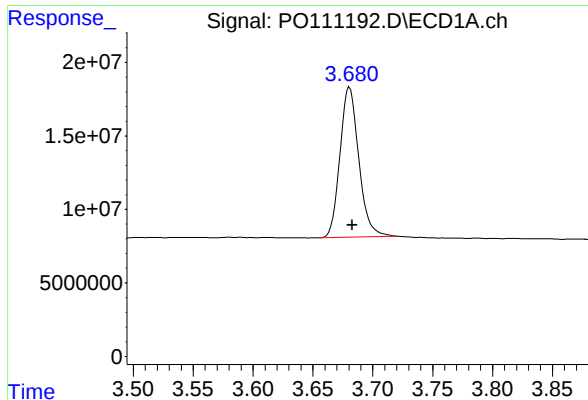
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.662	7.628	1092014	522974	1.224	1.084
43) L9	AR-1268-3	7.879	7.846	2751310	548265	3.626	1.573 #
44) L9	AR-1268-4	8.172	8.097	5236423	245744	16.034	1.931 #
45) L9	AR-1268-5	8.465	8.418	5583640	731734	2.587	0.972 #

(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

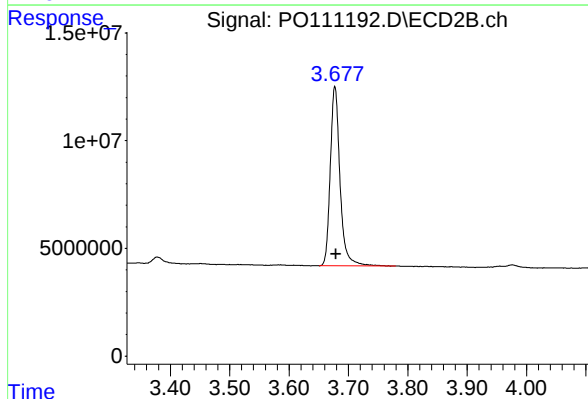




#1 Tetrachloro-m-xylene

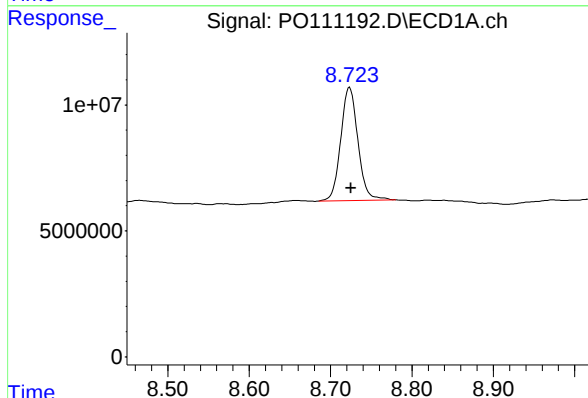
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 111686143
Conc: 18.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



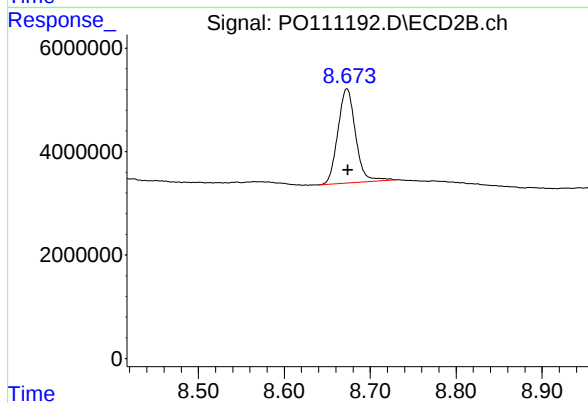
#1 Tetrachloro-m-xylene

R.T.: 3.677 min
Delta R.T.: -0.002 min
Response: 94558606
Conc: 17.35 ng/ml



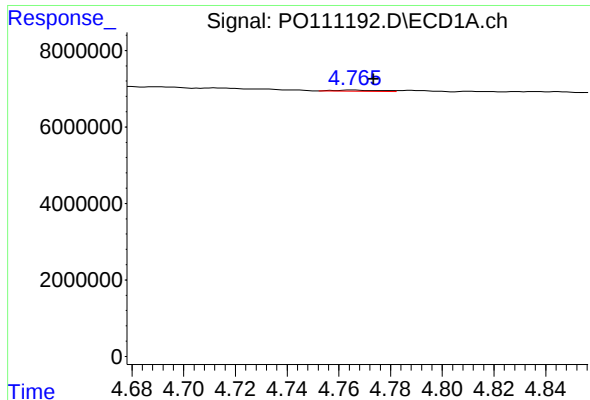
#2 Decachlorobiphenyl

R.T.: 8.723 min
Delta R.T.: -0.002 min
Response: 65935809
Conc: 12.77 ng/ml



#2 Decachlorobiphenyl

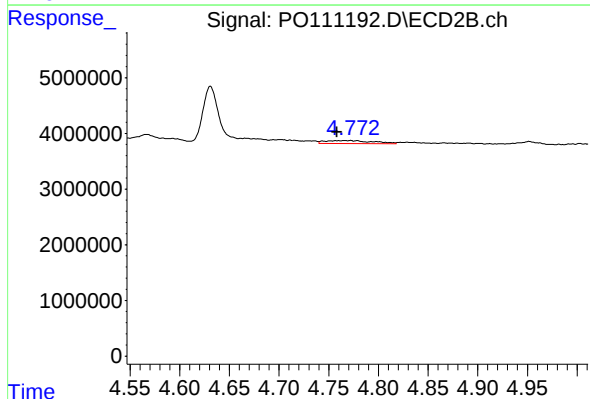
R.T.: 8.673 min
Delta R.T.: -0.001 min
Response: 26012072
Conc: 14.06 ng/ml



#3 AR-1016-1

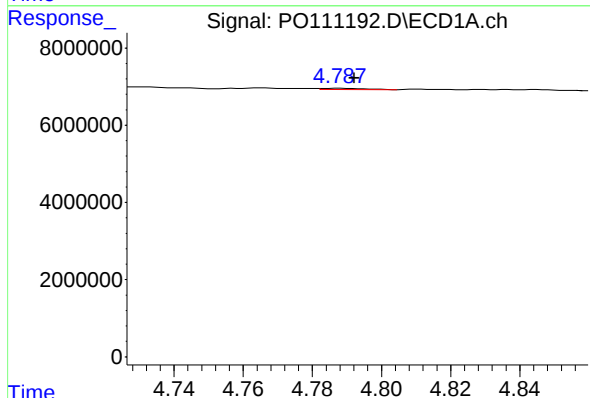
R.T.: 4.766 min
Delta R.T.: -0.008 min
Response: 322837
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



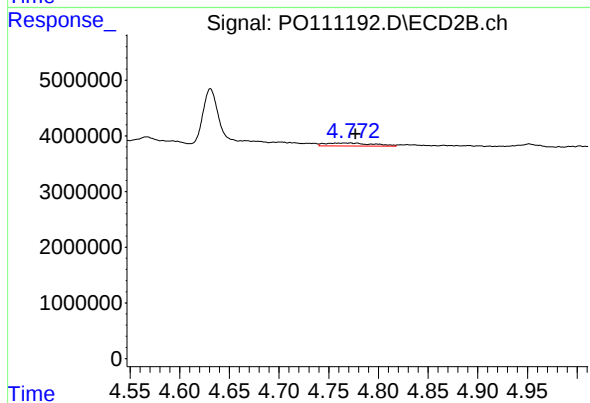
#3 AR-1016-1

R.T.: 4.772 min
Delta R.T.: 0.014 min
Response: 1731445
Conc: 9.07 ng/ml



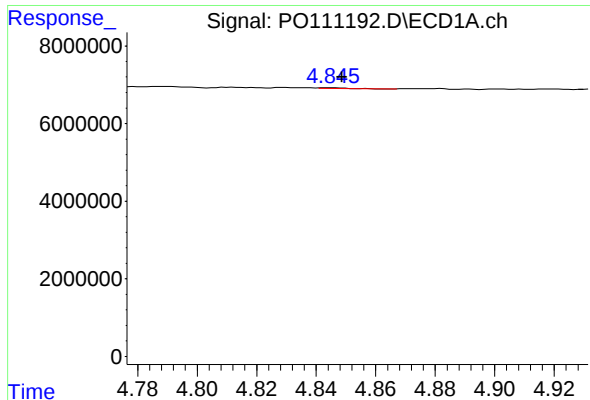
#4 AR-1016-2

R.T.: 4.788 min
Delta R.T.: -0.004 min
Response: 255980
Conc: 0.80 ng/ml



#4 AR-1016-2

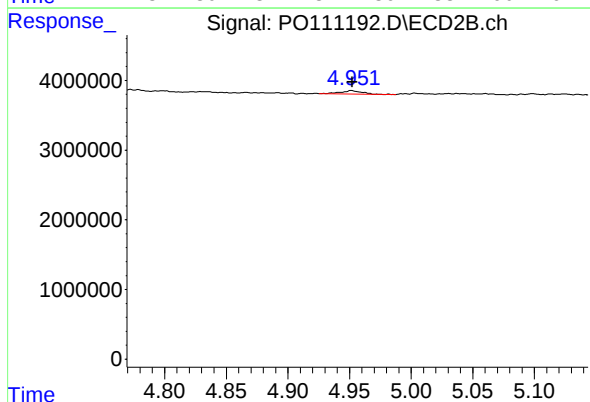
R.T.: 4.772 min
Delta R.T.: -0.005 min
Response: 1731445
Conc: 6.25 ng/ml



#5 AR-1016-3

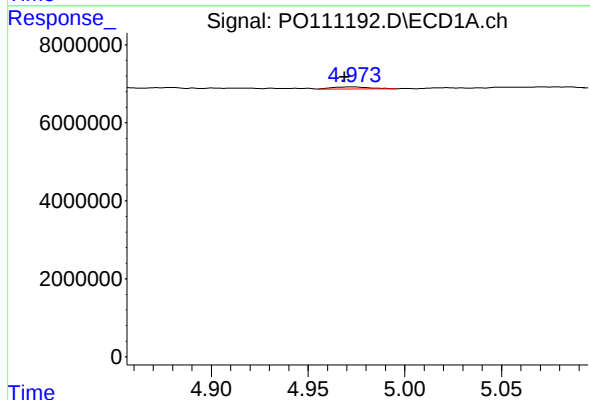
R.T.: 4.845 min
Delta R.T.: -0.004 min
Response: 137439
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



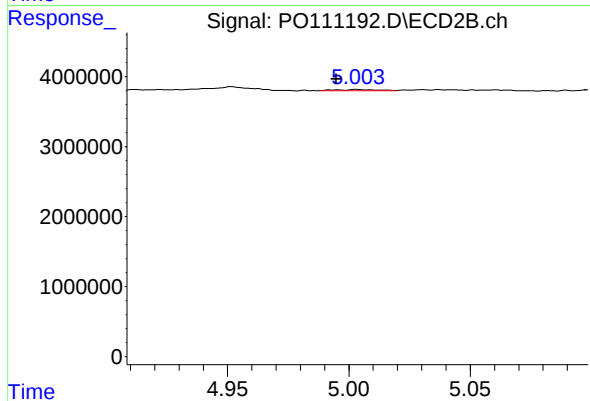
#5 AR-1016-3

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 579408
Conc: 3.97 ng/ml



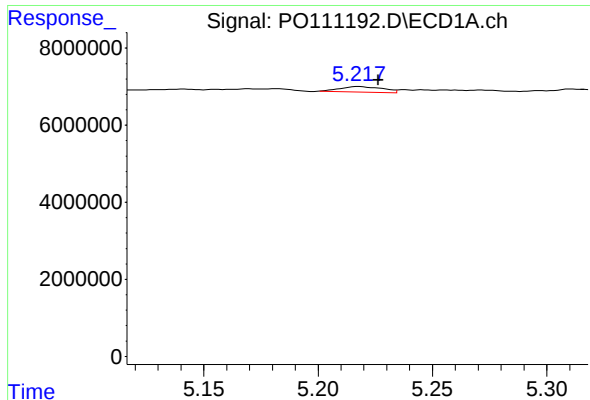
#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: 0.004 min
Response: 714449
Conc: 4.10 ng/ml



#6 AR-1016-4

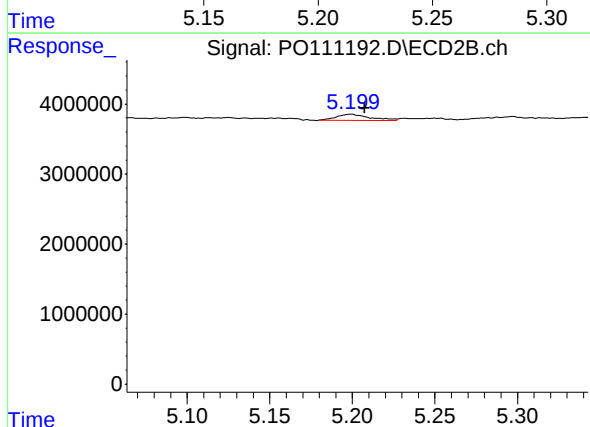
R.T.: 5.003 min
Delta R.T.: 0.008 min
Response: 229186
Conc: 1.91 ng/ml



#7 AR-1016-5

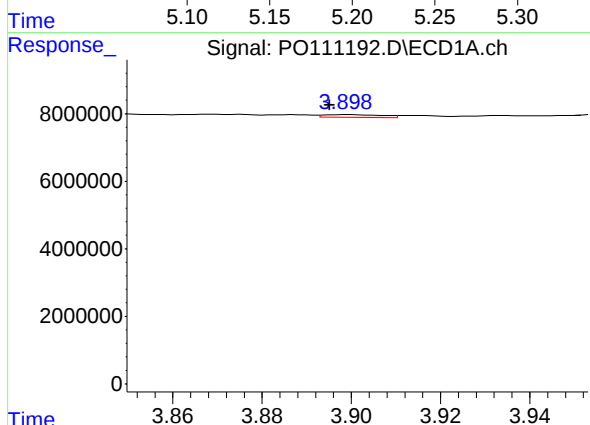
R.T.: 5.218 min
Delta R.T.: -0.009 min
Response: 1869049
Conc: 10.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



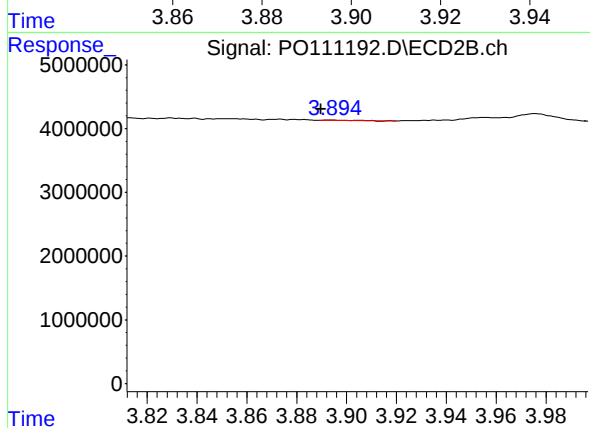
#7 AR-1016-5

R.T.: 5.199 min
Delta R.T.: -0.008 min
Response: 1231323
Conc: 7.97 ng/ml



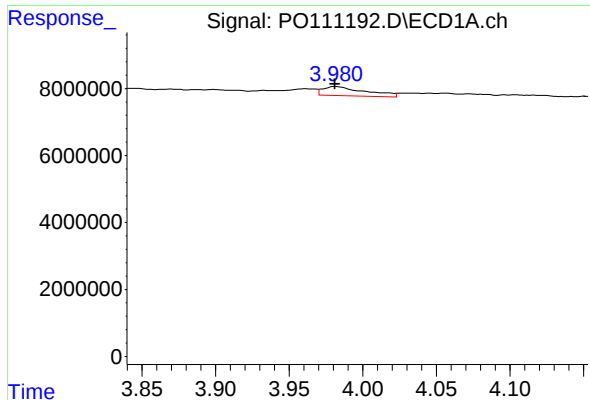
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: 0.004 min
Response: 728174
Conc: 8.36 ng/ml



#8 AR-1221-1

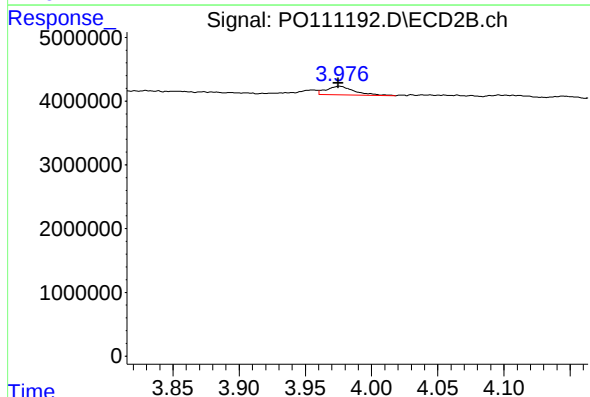
R.T.: 3.894 min
Delta R.T.: 0.004 min
Response: 70930
Conc: 0.96 ng/ml



#9 AR-1221-2

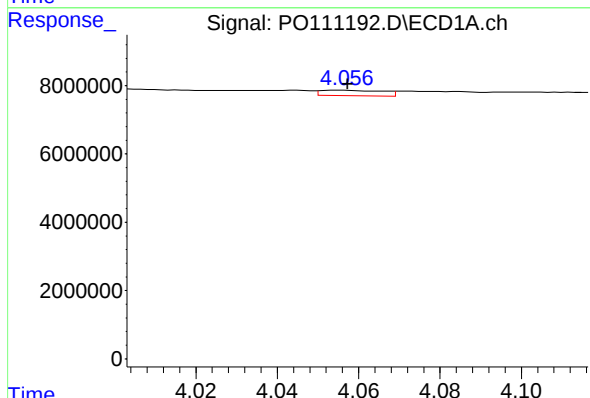
R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 5406903
Conc: 84.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



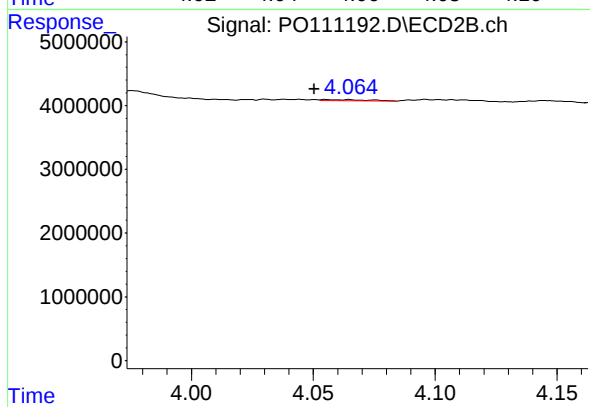
#9 AR-1221-2

R.T.: 3.976 min
Delta R.T.: 0.001 min
Response: 1982956
Conc: 36.44 ng/ml



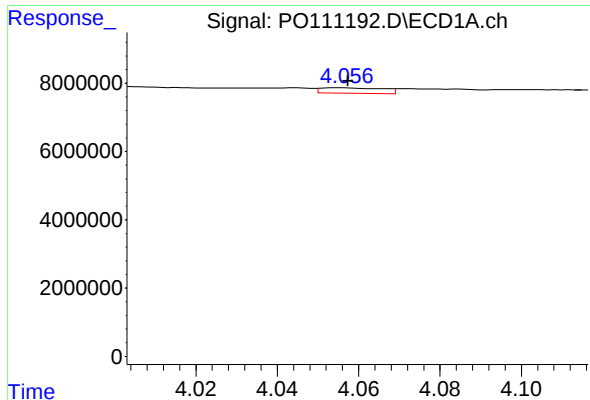
#10 AR-1221-3

R.T.: 4.056 min
Delta R.T.: -0.001 min
Response: 1682901
Conc: 8.75 ng/ml



#10 AR-1221-3

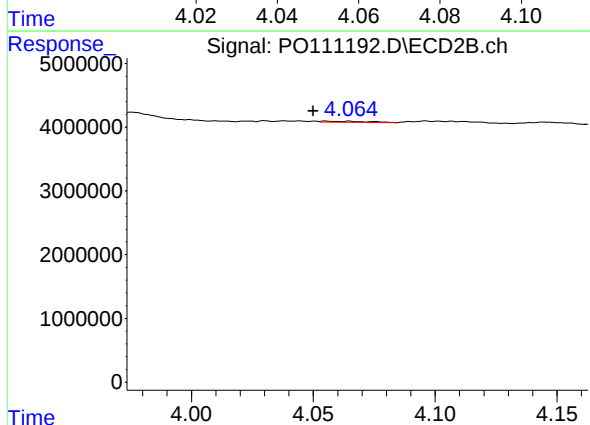
R.T.: 4.055 min
Delta R.T.: 0.004 min
Response: 241570
Conc: 1.45 ng/ml



#11 AR-1232-1

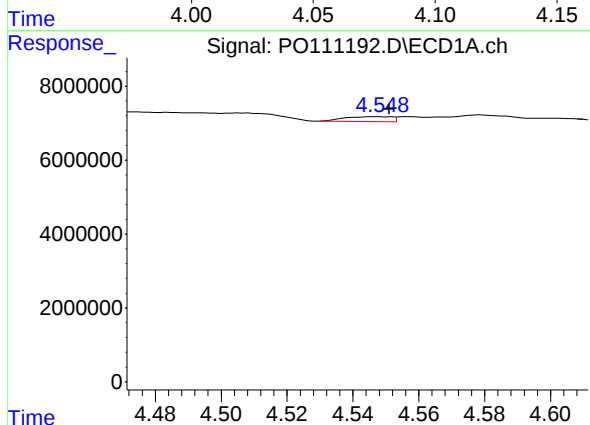
R.T.: 4.056 min
Delta R.T.: -0.002 min
Response: 1682901
Conc: 10.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



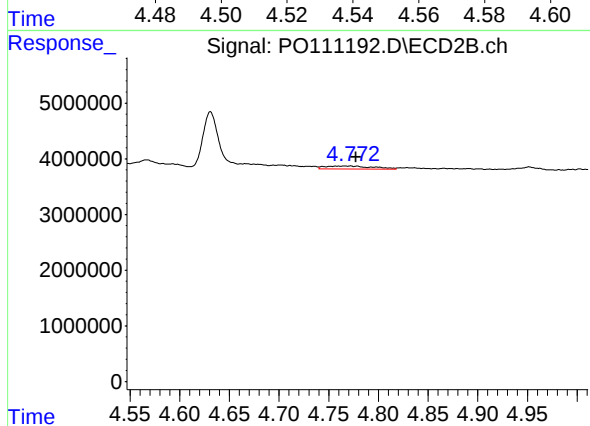
#11 AR-1232-1

R.T.: 4.055 min
Delta R.T.: 0.005 min
Response: 241570
Conc: 1.85 ng/ml



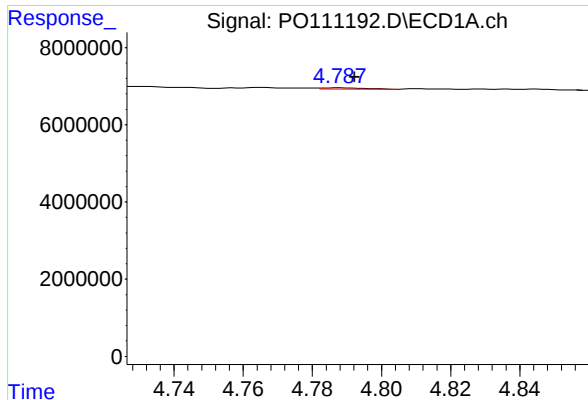
#12 AR-1232-2

R.T.: 4.547 min
Delta R.T.: -0.004 min
Response: 1299874
Conc: 15.86 ng/ml



#12 AR-1232-2

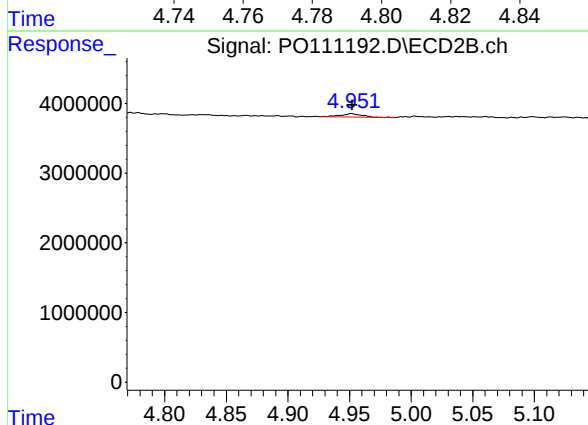
R.T.: 4.772 min
Delta R.T.: -0.005 min
Response: 1731445
Conc: 13.20 ng/ml



#13 AR-1232-3

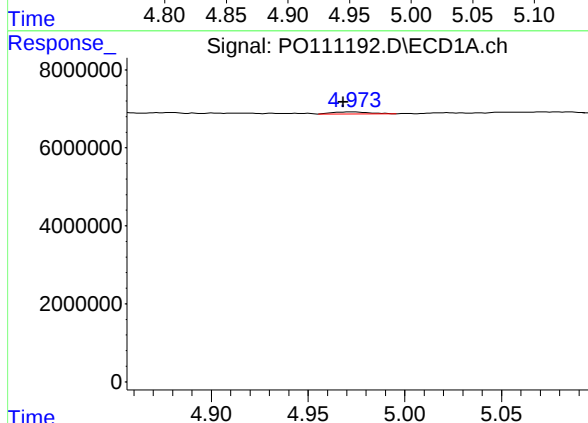
R.T.: 4.788 min
Delta R.T.: -0.004 min
Response: 255980
Conc: 1.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



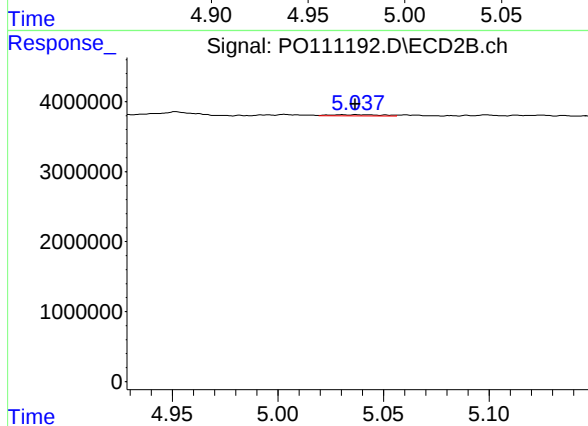
#13 AR-1232-3

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 579408
Conc: 8.51 ng/ml



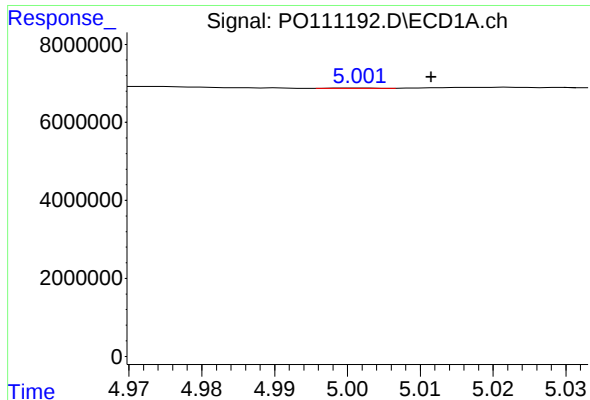
#14 AR-1232-4

R.T.: 4.973 min
Delta R.T.: 0.005 min
Response: 714449
Conc: 8.69 ng/ml



#14 AR-1232-4

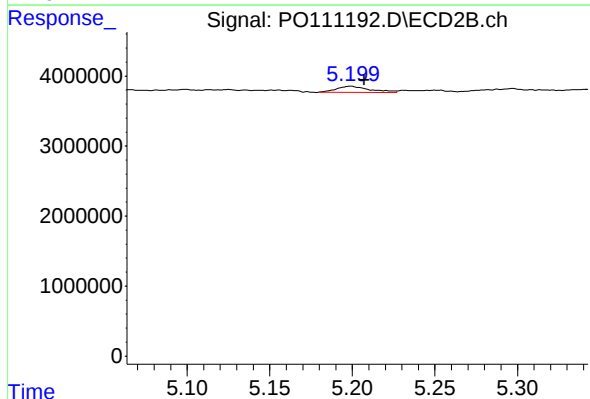
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 299188
Conc: 4.85 ng/ml



#15 AR-1232-5

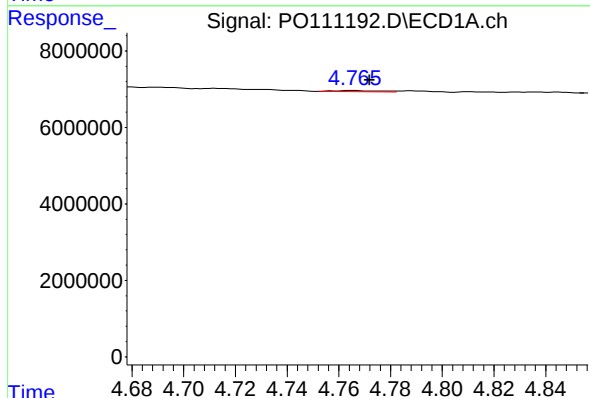
R.T.: 5.001 min
Delta R.T.: -0.010 min
Response: 52739
Conc: 0.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



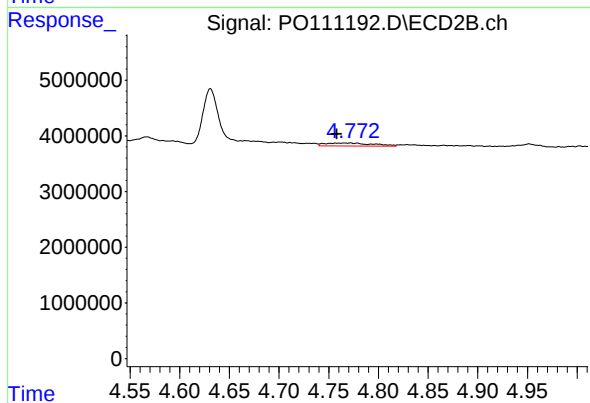
#15 AR-1232-5

R.T.: 5.199 min
Delta R.T.: -0.008 min
Response: 1231323
Conc: 18.73 ng/ml



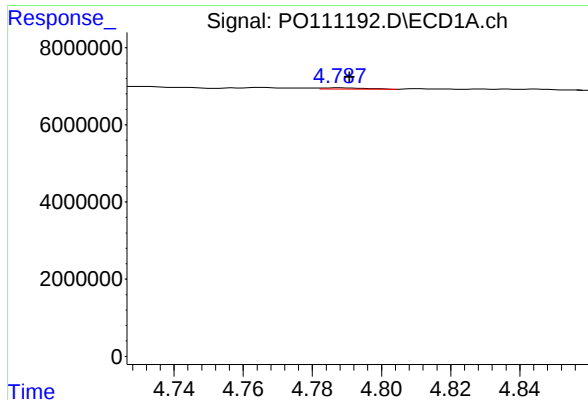
#16 AR-1242-1

R.T.: 4.766 min
Delta R.T.: -0.006 min
Response: 322837
Conc: 1.69 ng/ml



#16 AR-1242-1

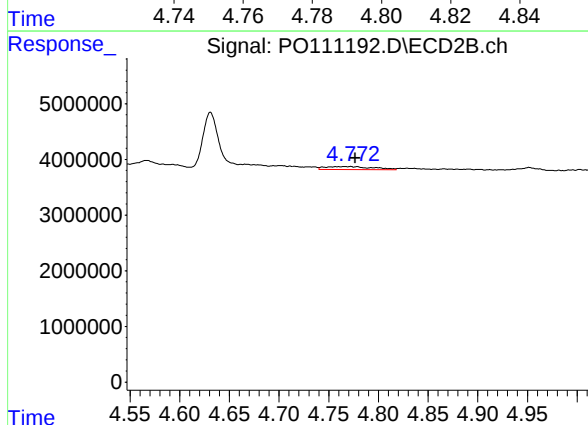
R.T.: 4.772 min
Delta R.T.: 0.014 min
Response: 1731445
Conc: 10.75 ng/ml



#17 AR-1242-2

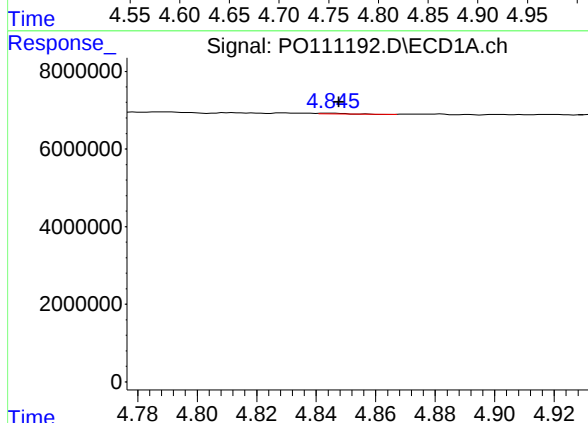
R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 255980
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



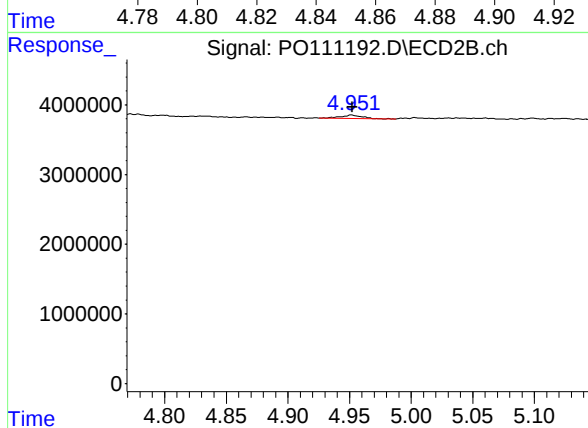
#17 AR-1242-2

R.T.: 4.772 min
Delta R.T.: -0.005 min
Response: 1731445
Conc: 7.38 ng/ml



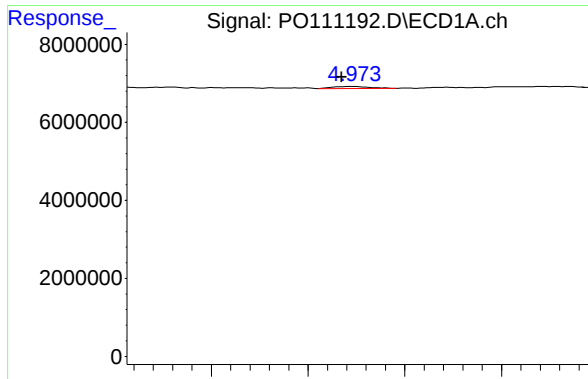
#18 AR-1242-3

R.T.: 4.845 min
Delta R.T.: -0.003 min
Response: 137439
Conc: 0.74 ng/ml



#18 AR-1242-3

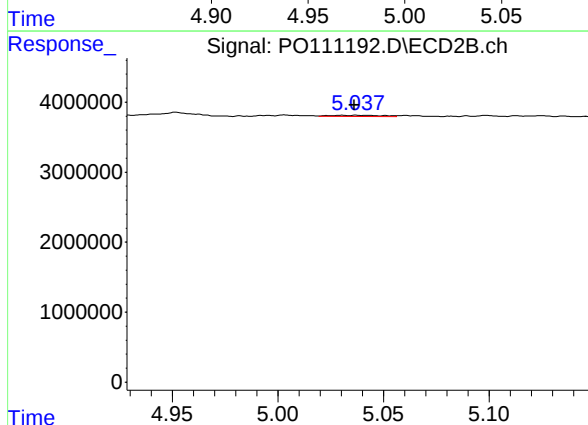
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 579408
Conc: 4.69 ng/ml



#19 AR-1242-4

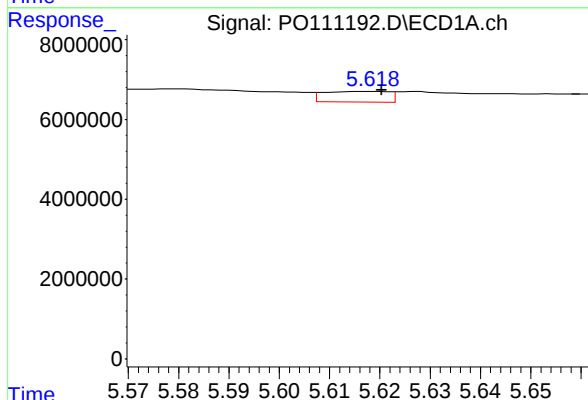
R.T.: 4.973 min
Delta R.T.: 0.006 min
Response: 714449
Conc: 4.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



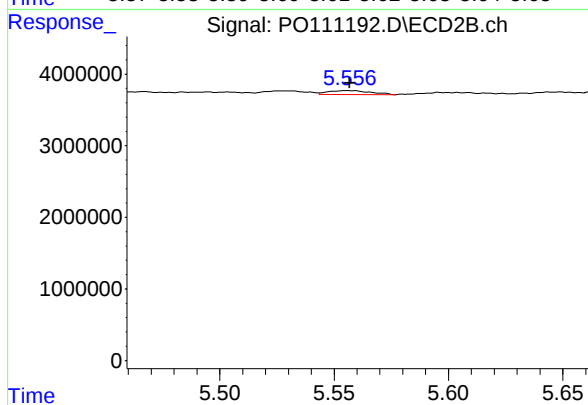
#19 AR-1242-4

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 299188
Conc: 2.42 ng/ml



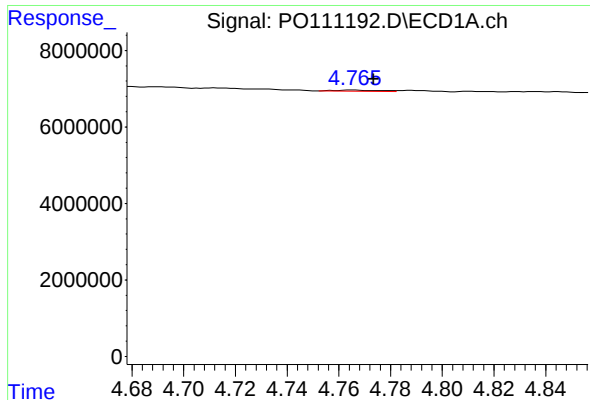
#20 AR-1242-5

R.T.: 5.618 min
Delta R.T.: -0.003 min
Response: 2428965
Conc: 15.62 ng/ml



#20 AR-1242-5

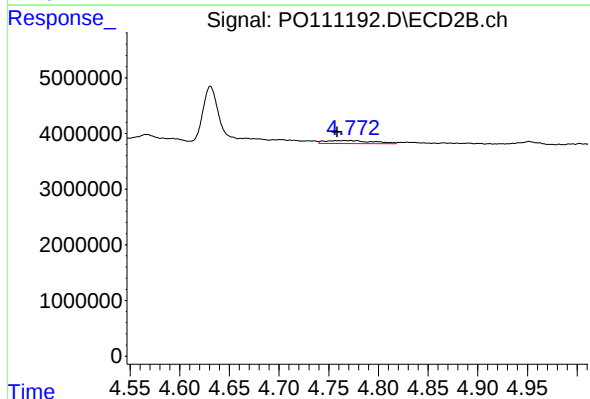
R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 719541
Conc: 4.73 ng/ml



#21 AR-1248-1

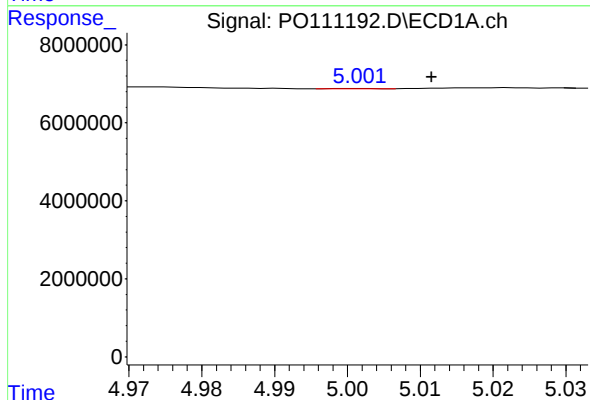
R.T.: 4.766 min
Delta R.T.: -0.008 min
Response: 322837
Conc: 2.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



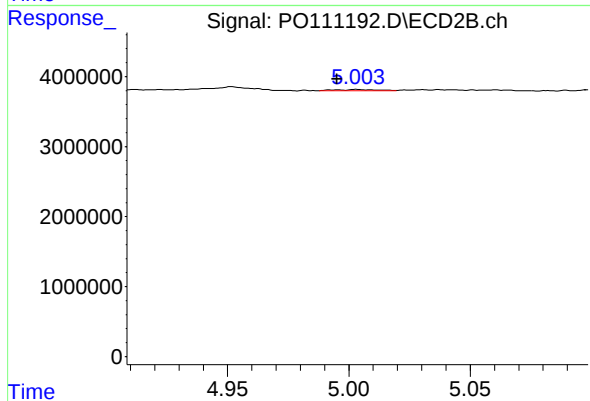
#21 AR-1248-1

R.T.: 4.772 min
Delta R.T.: 0.014 min
Response: 1731445
Conc: 13.35 ng/ml



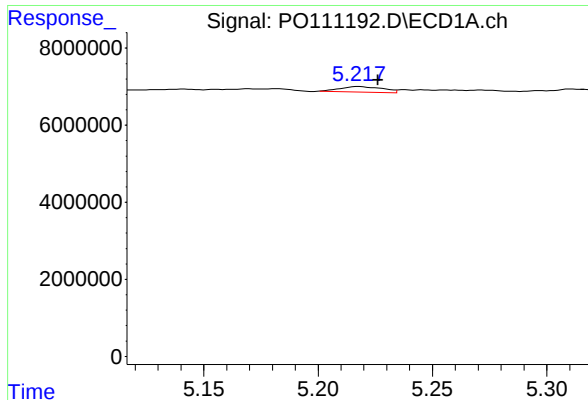
#22 AR-1248-2

R.T.: 5.001 min
Delta R.T.: -0.010 min
Response: 52739
Conc: 0.26 ng/ml



#22 AR-1248-2

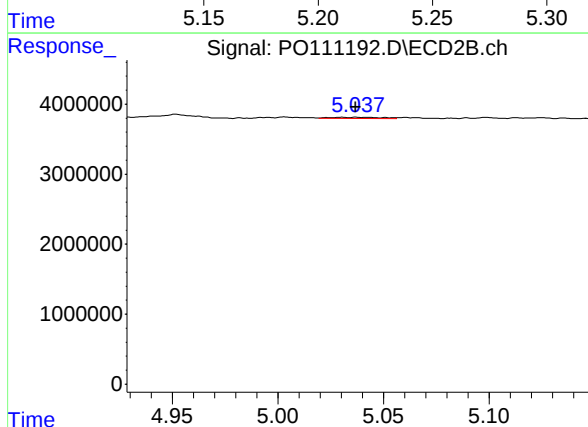
R.T.: 5.003 min
Delta R.T.: 0.008 min
Response: 229186
Conc: 1.30 ng/ml



#23 AR-1248-3

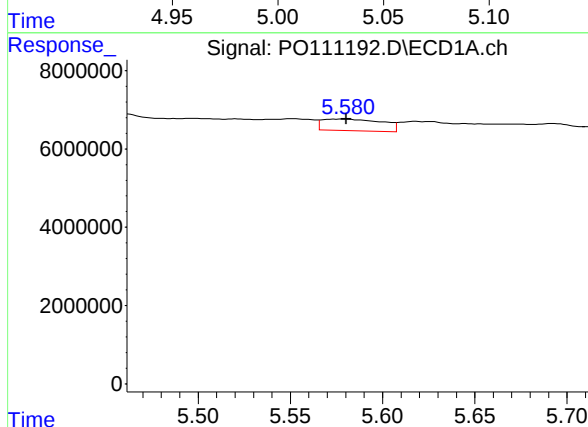
R.T.: 5.218 min
Delta R.T.: -0.009 min
Response: 1869049
Conc: 7.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



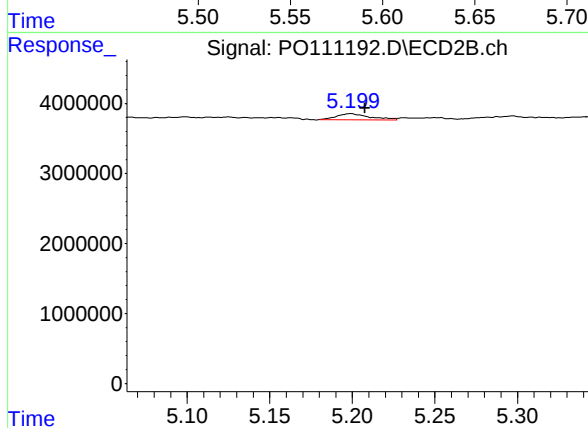
#23 AR-1248-3

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 299188
Conc: 1.59 ng/ml



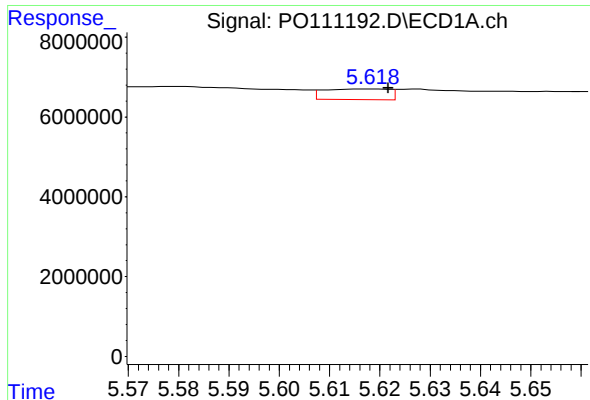
#24 AR-1248-4

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 6678786
Conc: 18.44 ng/ml



#24 AR-1248-4

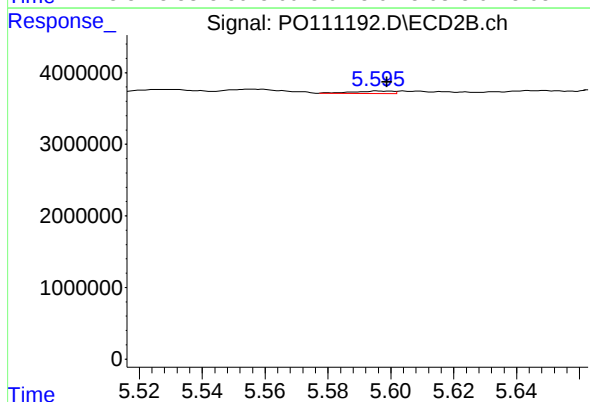
R.T.: 5.199 min
Delta R.T.: -0.008 min
Response: 1231323
Conc: 5.60 ng/ml



#25 AR-1248-5

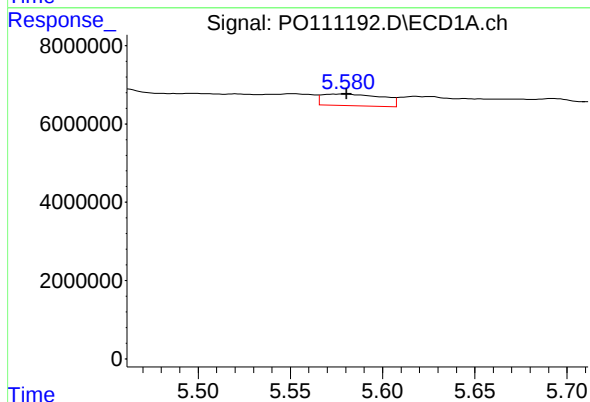
R.T.: 5.618 min
Delta R.T.: -0.004 min
Response: 2428965
Conc: 9.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



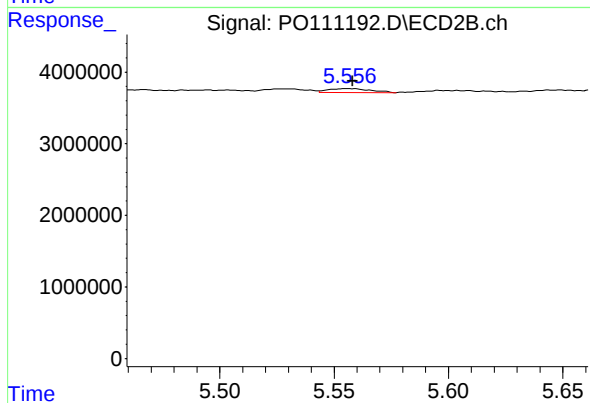
#25 AR-1248-5

R.T.: 5.596 min
Delta R.T.: -0.003 min
Response: 304023
Conc: 1.39 ng/ml



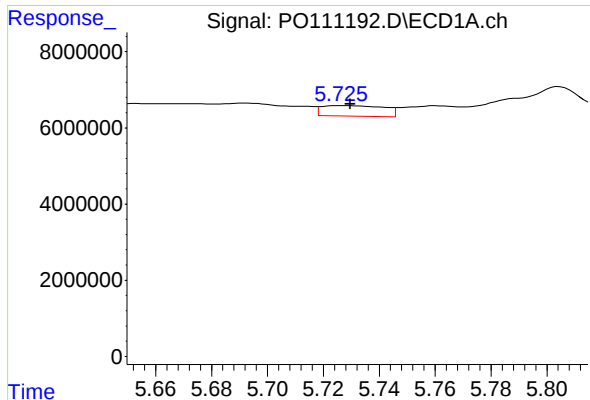
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 6678786
Conc: 17.60 ng/ml



#26 AR-1254-1

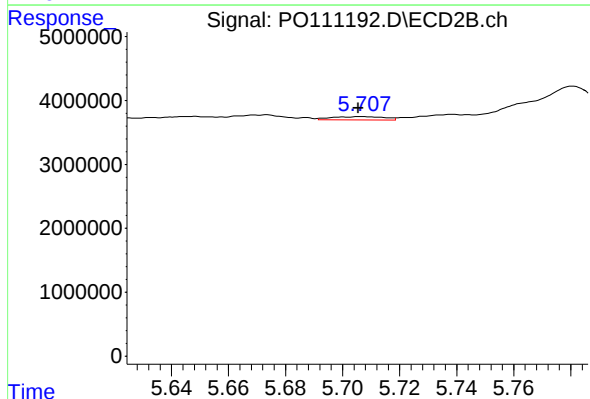
R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 719541
Conc: 2.22 ng/ml



#27 AR-1254-2

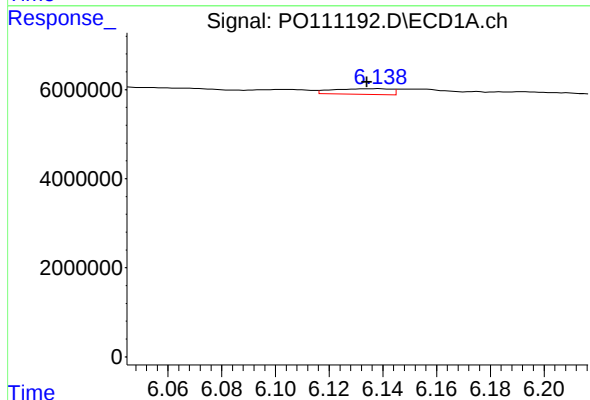
R.T.: 5.726 min
Delta R.T.: -0.003 min
Response: 4246432
Conc: 12.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



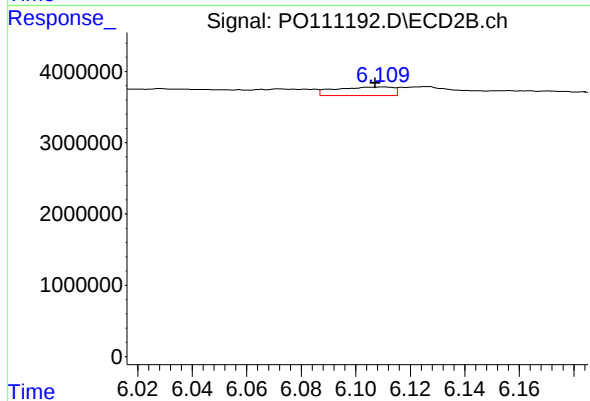
#27 AR-1254-2

R.T.: 5.707 min
Delta R.T.: 0.001 min
Response: 665725
Conc: 2.35 ng/ml



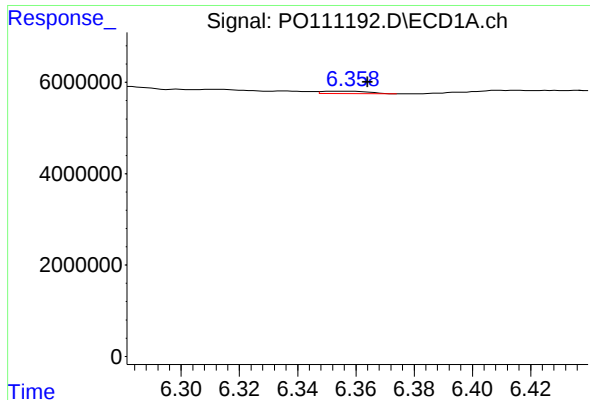
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: 0.004 min
Response: 1973741
Conc: 3.75 ng/ml



#28 AR-1254-3

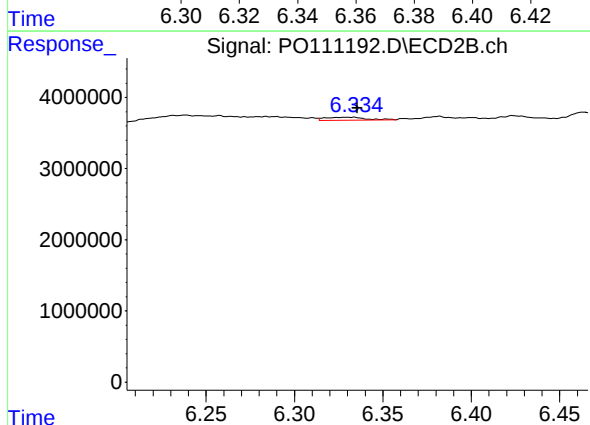
R.T.: 6.110 min
Delta R.T.: 0.003 min
Response: 1751880
Conc: 4.06 ng/ml



#29 AR-1254-4

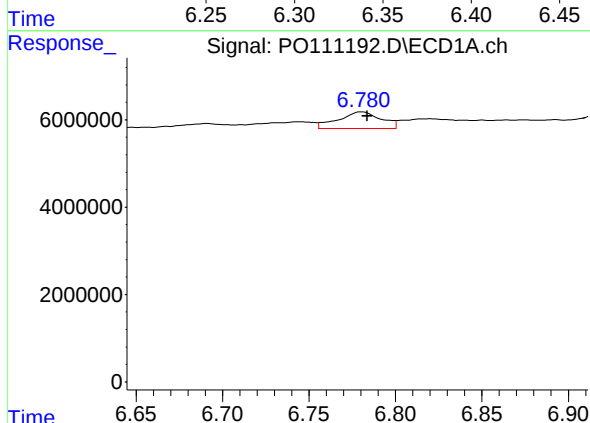
R.T.: 6.354 min
Delta R.T.: -0.010 min
Response: 598276
Conc: 1.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



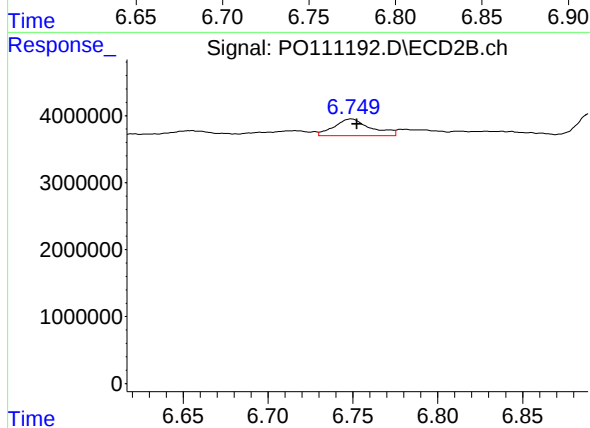
#29 AR-1254-4

R.T.: 6.330 min
Delta R.T.: -0.006 min
Response: 639694
Conc: 2.59 ng/ml



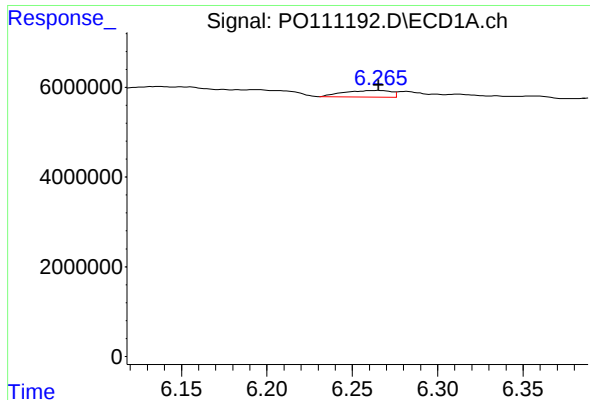
#30 AR-1254-5

R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 6517445
Conc: 13.74 ng/ml



#30 AR-1254-5

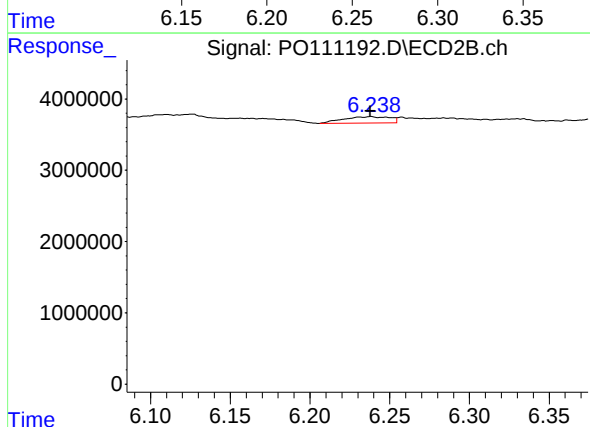
R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 3750695
Conc: 10.84 ng/ml



#31 AR-1260-1

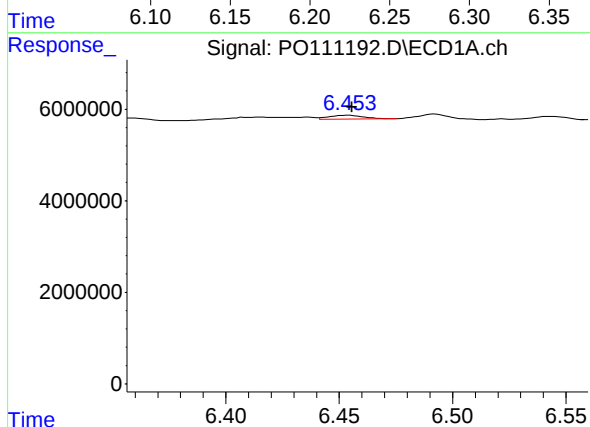
R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 2870205
Conc: 9.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



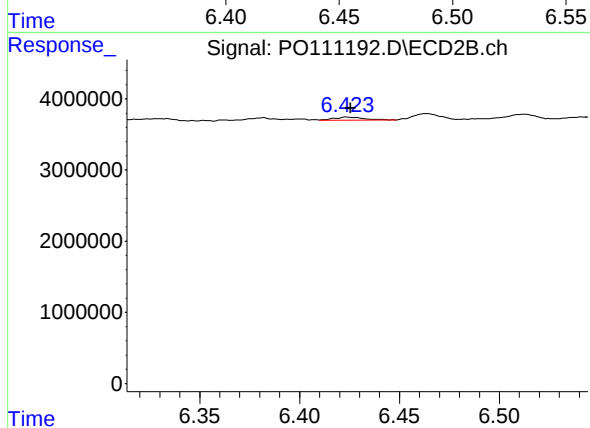
#31 AR-1260-1

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 1798431
Conc: 7.20 ng/ml



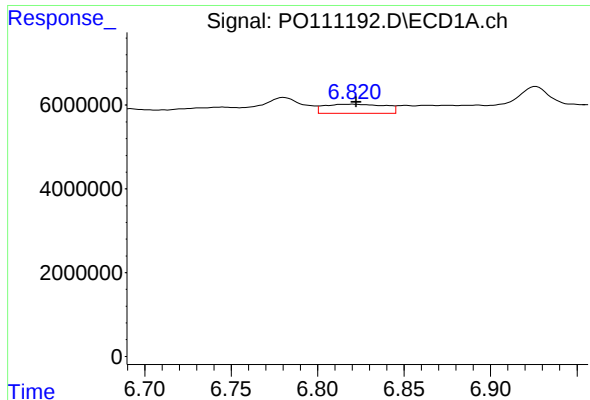
#32 AR-1260-2

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 886220
Conc: 2.31 ng/ml



#32 AR-1260-2

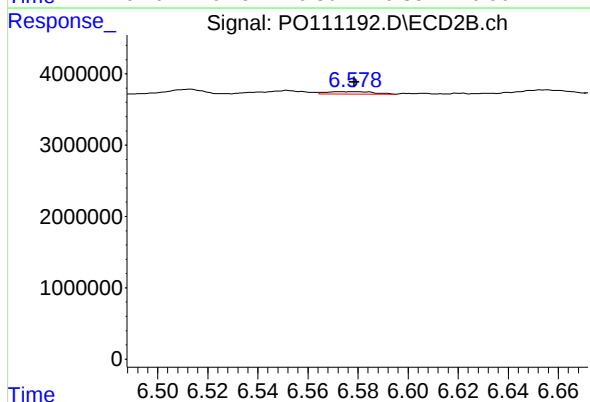
R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 471789
Conc: 1.60 ng/ml



#33 AR-1260-3

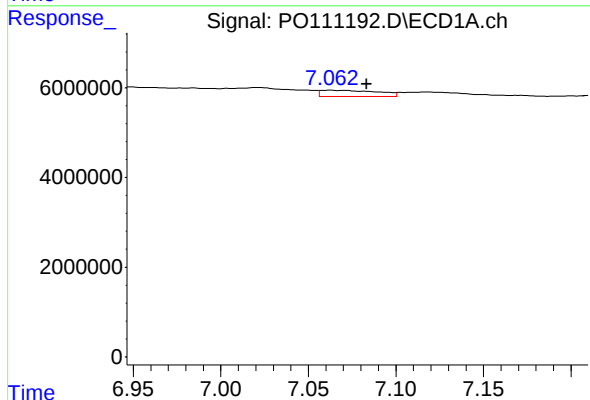
R.T.: 6.820 min
Delta R.T.: -0.002 min
Response: 5356249
Conc: 15.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



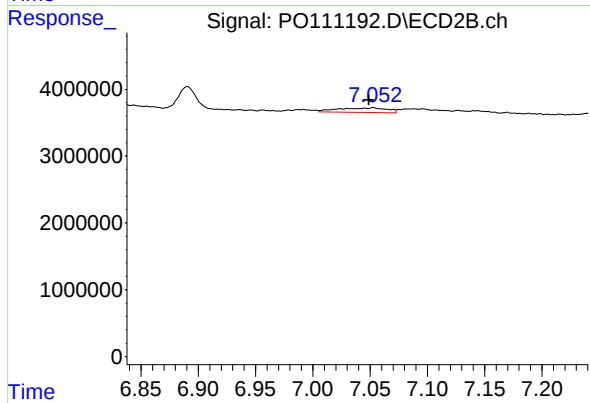
#33 AR-1260-3

R.T.: 6.573 min
Delta R.T.: -0.005 min
Response: 460316
Conc: 1.61 ng/ml



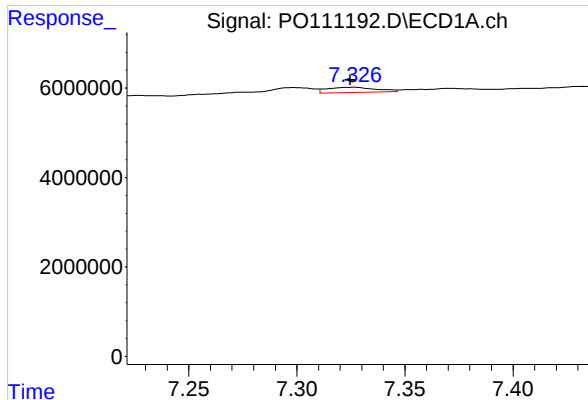
#34 AR-1260-4

R.T.: 7.063 min
Delta R.T.: -0.021 min
Response: 3119835
Conc: 11.14 ng/ml



#34 AR-1260-4

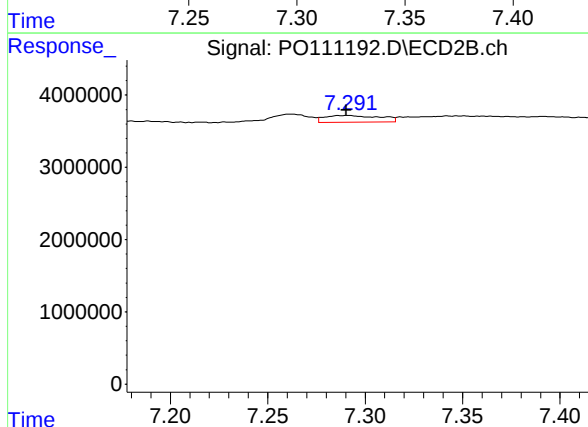
R.T.: 7.053 min
Delta R.T.: 0.004 min
Response: 2006808
Conc: 10.00 ng/ml



#35 AR-1260-5

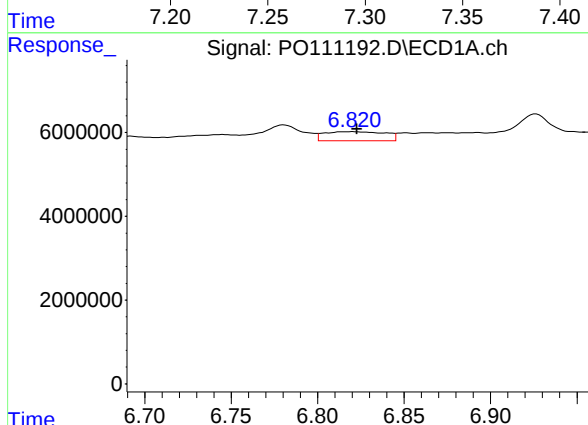
R.T.: 7.326 min
Delta R.T.: 0.001 min
Response: 1847442
Conc: 2.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



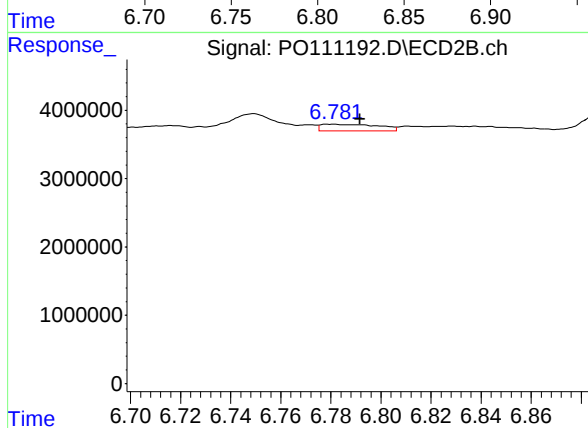
#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: 0.001 min
Response: 1834011
Conc: 3.99 ng/ml



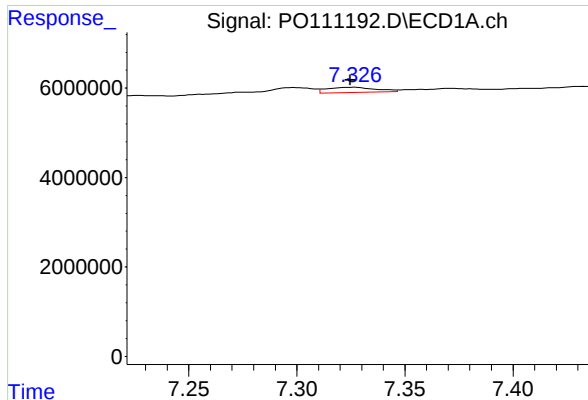
#36 AR-1262-1

R.T.: 6.820 min
Delta R.T.: -0.002 min
Response: 5356249
Conc: 11.01 ng/ml



#36 AR-1262-1

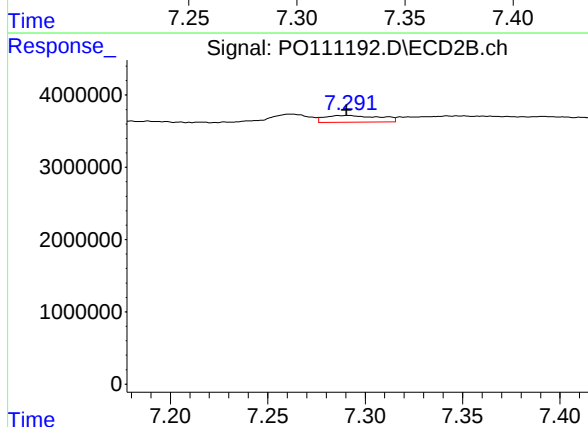
R.T.: 6.781 min
Delta R.T.: -0.011 min
Response: 1560703
Conc: 4.58 ng/ml



#37 AR-1262-2

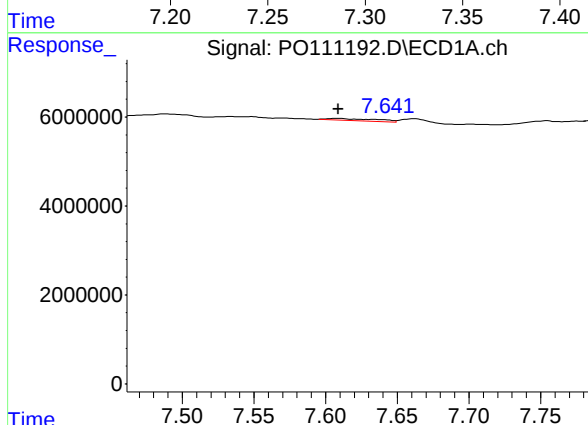
R.T.: 7.326 min
Delta R.T.: 0.002 min
Response: 1847442
Conc: 2.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



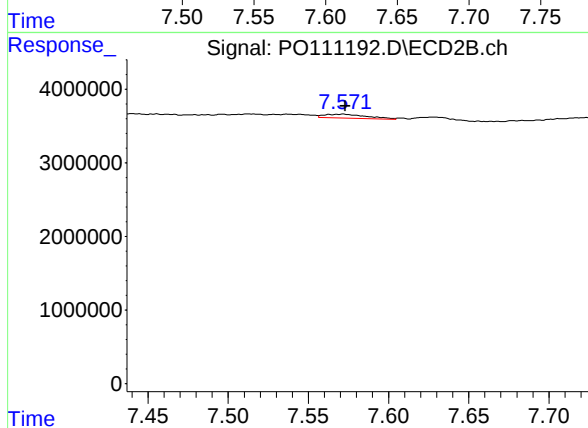
#37 AR-1262-2

R.T.: 7.292 min
Delta R.T.: 0.001 min
Response: 1834011
Conc: 3.65 ng/ml



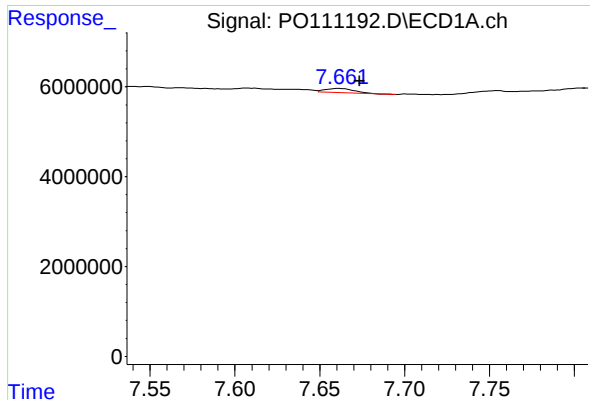
#38 AR-1262-3

R.T.: 7.607 min
Delta R.T.: -0.002 min
Response: 1124038
Conc: 3.32 ng/ml



#38 AR-1262-3

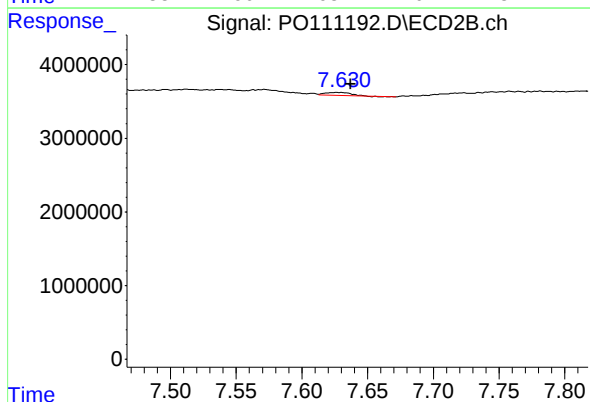
R.T.: 7.572 min
Delta R.T.: -0.001 min
Response: 973184
Conc: 5.19 ng/ml



#39 AR-1262-4

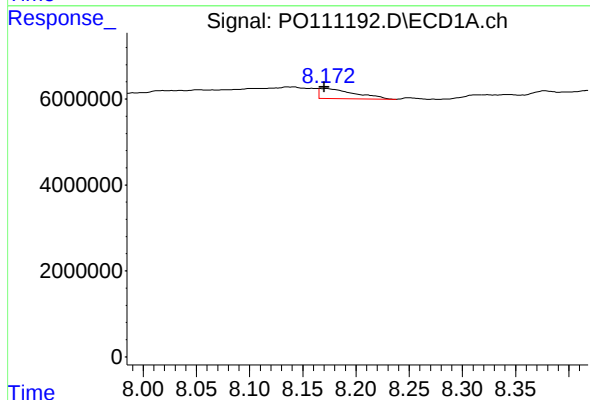
R.T.: 7.662 min
Delta R.T.: -0.012 min
Response: 1092014
Conc: 1.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



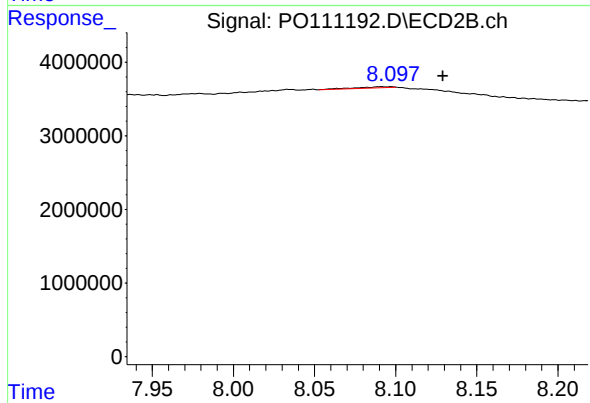
#39 AR-1262-4

R.T.: 7.628 min
Delta R.T.: -0.009 min
Response: 522974
Conc: 1.58 ng/ml



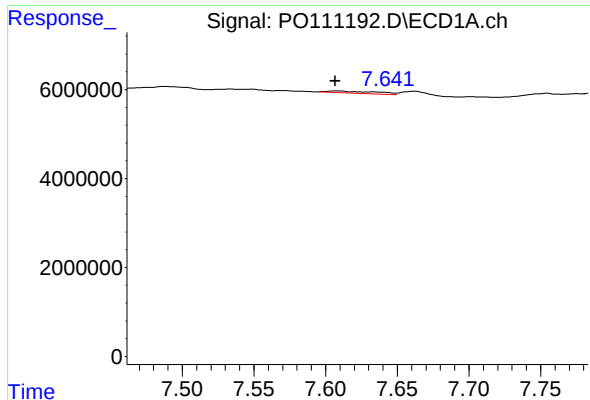
#40 AR-1262-5

R.T.: 8.172 min
Delta R.T.: 0.002 min
Response: 5236423
Conc: 18.36 ng/ml



#40 AR-1262-5

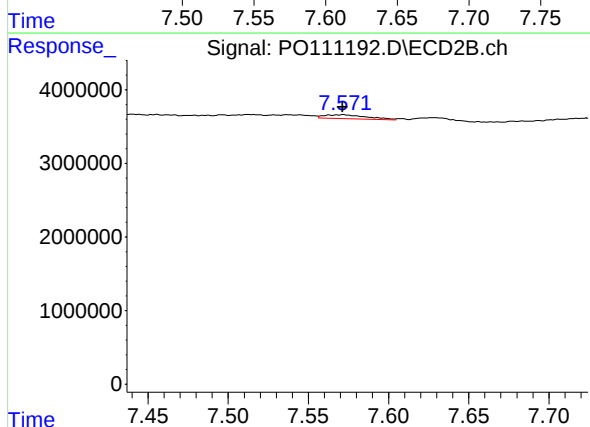
R.T.: 8.097 min
Delta R.T.: -0.033 min
Response: 245744
Conc: 2.19 ng/ml



#41 AR-1268-1

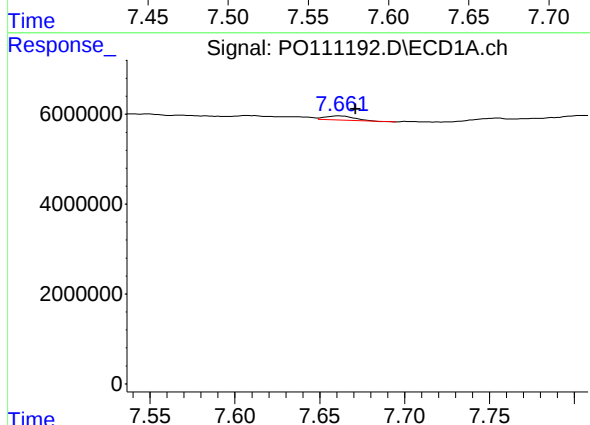
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 1124038
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



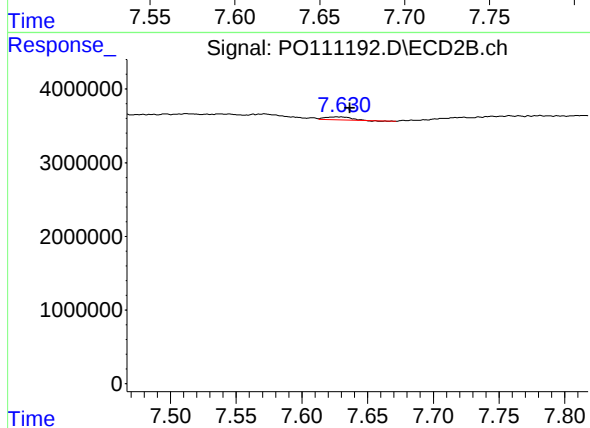
#41 AR-1268-1

R.T.: 7.572 min
Delta R.T.: 0.000 min
Response: 973184
Conc: 1.84 ng/ml



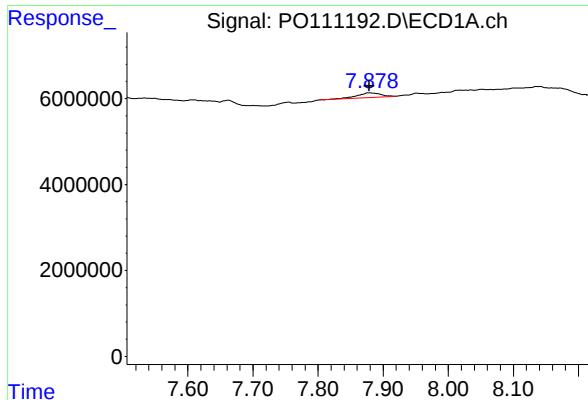
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: -0.009 min
Response: 1092014
Conc: 1.22 ng/ml



#42 AR-1268-2

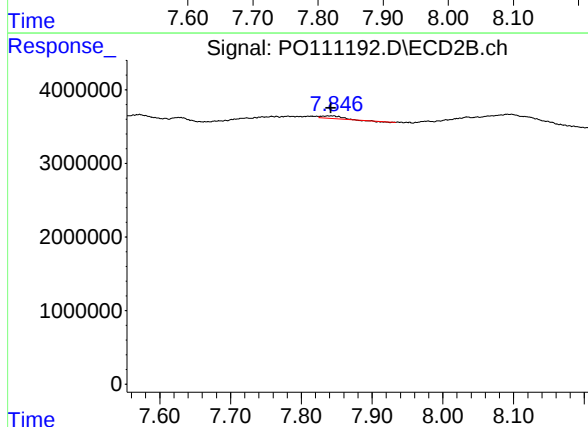
R.T.: 7.628 min
Delta R.T.: -0.009 min
Response: 522974
Conc: 1.08 ng/ml



#43 AR-1268-3

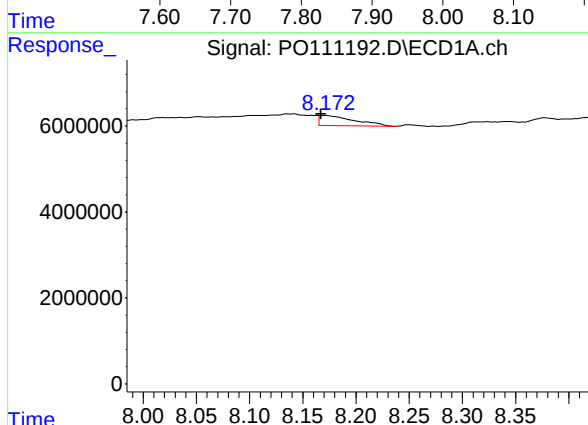
R.T.: 7.879 min
Delta R.T.: 0.000 min
Response: 2751310
Conc: 3.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



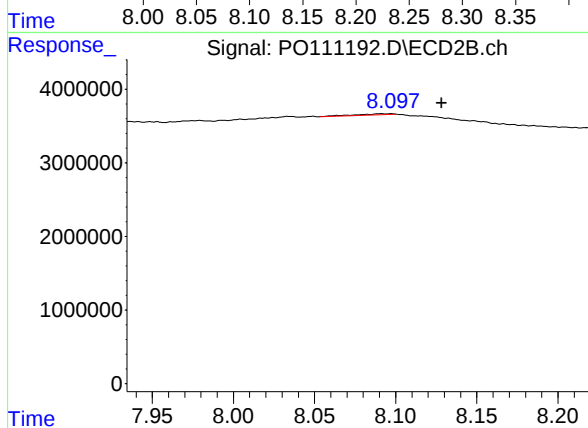
#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: 0.004 min
Response: 548265
Conc: 1.57 ng/ml



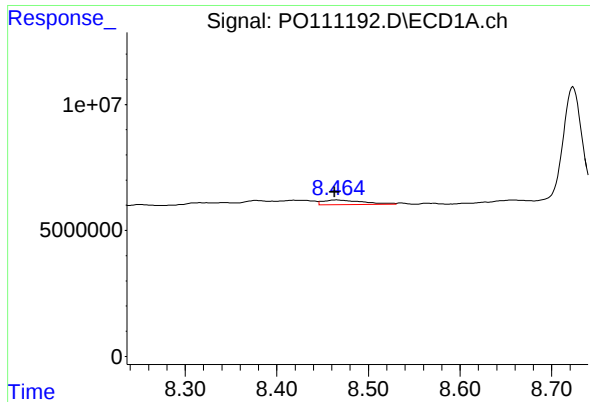
#44 AR-1268-4

R.T.: 8.172 min
Delta R.T.: 0.005 min
Response: 5236423
Conc: 16.03 ng/ml



#44 AR-1268-4

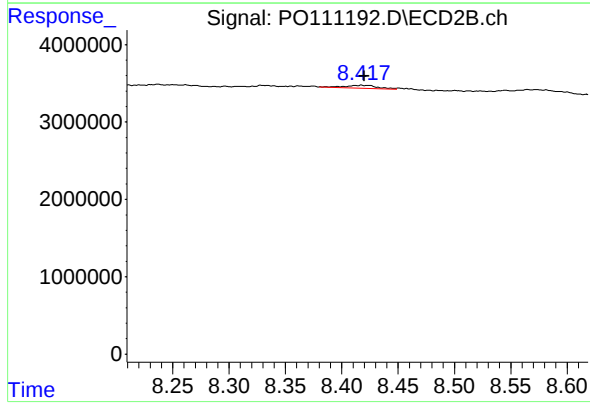
R.T.: 8.097 min
Delta R.T.: -0.032 min
Response: 245744
Conc: 1.93 ng/ml



#45 AR-1268-5

R.T.: 8.465 min
Delta R.T.: 0.002 min
Response: 5583640
Conc: 2.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.002 min
Response: 731734
Conc: 0.97 ng/ml