

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0012825\
 Data File : P0109183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2025 23:21
 Operator : YP/AJ
 Sample : Q1168-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 00:17:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 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...	3.700	3.697	157.9E6	111.1E6	20.899	20.729
2)	SA Decachlor...	8.764	8.714	151.6E6	74813485	21.890	21.756
Target Compounds							
3)	L1 AR-1016-1	4.797	4.800	838430	997601	3.323	6.161 #
4)	L1 AR-1016-2	4.814	4.840	1356246	459632	3.932	1.929 #
5)	L1 AR-1016-3	4.873	5.004	1150024	87562	4.711	0.672 #
6)	L1 AR-1016-4	4.992	5.030	717941	371486	3.762	3.361
7)	L1 AR-1016-5	5.252	5.255	1089990	479086	5.221	3.338 #
8)	L2 AR-1221-1	3.914	3.909	4597029	2634215	45.924	40.223
9)	L2 AR-1221-2	4.002	3.996	6243775	4196650	83.914	84.974
10)	L2 AR-1221-3	4.078	4.071	8961241	6215417	43.080	42.818
11)	L3 AR-1232-1	4.078	4.071	8961241	6215417	54.271	53.809
12)	L3 AR-1232-2	4.575	4.800	1120017	997601	12.310	9.160 #
13)	L3 AR-1232-3	4.814	4.978	1356246	519954	8.469	8.671
14)	L3 AR-1232-4	4.992	5.058	717941	274143	8.158	4.788 #
15)	L3 AR-1232-5	5.031	5.237	229221	829612	3.536	13.674 #
16)	L4 AR-1242-1	4.797	4.786	838430	820450	3.947	5.741 #
17)	L4 AR-1242-2	4.814	4.800	1356246	997601	4.730	5.058
18)	L4 AR-1242-3	4.873	4.978	1150024	519954	5.618	4.768
19)	L4 AR-1242-4	4.992	5.058	717941	274143	4.519	2.412 #
20)	L4 AR-1242-5	5.646	5.606	832614	2313497	4.985	16.913 #
21)	L5 AR-1248-1	4.797	4.786	838430	820450	5.254	7.645 #
22)	L5 AR-1248-2	5.031	5.030	229221	371486	1.026	2.413 #
23)	L5 AR-1248-3	5.252	5.058	1089990	274143	3.980	1.658 #
24)	L5 AR-1248-4	5.607	5.237	885070	829612	2.302	4.332 #
25)	L5 AR-1248-5	5.646	5.627	832614	880864	3.134	4.808 #
26)	L6 AR-1254-1	5.607	5.606	885070	2313497	2.140	8.231 #
27)	L6 AR-1254-2	5.686f	5.721	1881999	1577670	5.201	6.304
28)	L6 AR-1254-3	6.166	6.141	491634	1858424	0.872	4.731 #
29)	L6 AR-1254-4	6.358	6.347	441725	751120	1.282	3.409 #
30)	L6 AR-1254-5	6.817	6.792	175716	187531	0.342	0.574 #
31)	L7 AR-1260-1	6.276	6.289	1464110	431951	3.841	1.714 #
32)	L7 AR-1260-2	6.495	6.466	525568	288543	1.119	0.959
33)	L7 AR-1260-3	6.851	6.641	681911	478835	1.742	1.720
34)	L7 AR-1260-4	7.114	7.096	321349	269154	0.898	1.193 #
35)	L7 AR-1260-5	7.350	7.311	394844	588019	0.473	1.174 #
36)	L8 AR-1262-1	6.851	6.814	681911	188918	1.277	0.555 #
37)	L8 AR-1262-2	7.350	7.311	394844	588019	0.429	1.060 #
38)	L8 AR-1262-3	7.620	7.587	251268	111827	0.689	0.521
39)	L8 AR-1262-4	7.693	7.675	436535	250002	0.635	0.638
40)	L8 AR-1262-5	8.211	8.162	610457	39160	2.021	0.246 #
41)	L9 AR-1268-1	7.620	7.587	251268	111827	0.236	0.178

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012825\
Data File : P0109183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 23:21
Operator : YP/AJ
Sample : Q1168-01
Misc : AR1221 LOD 40 PPB
ALS Vial : 42 Sample Multiplier: 1

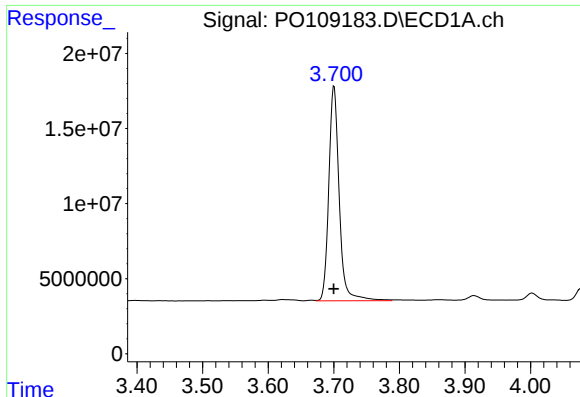
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:17:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 22 03:46:11 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	7.693	7.675	436535	250002	0.450	0.438
43)	L9 AR-1268-3	7.904	7.868	1870180	788743	2.322	1.713 #
44)	L9 AR-1268-4	8.211	8.162	610457	39160	1.782	0.217 #
45)	L9 AR-1268-5	8.501	8.458	1175089	584173	0.491	0.488

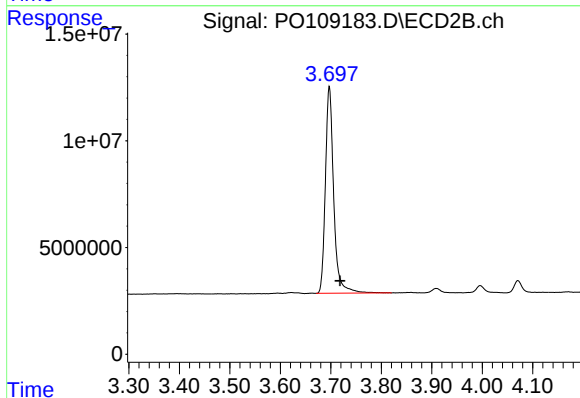
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

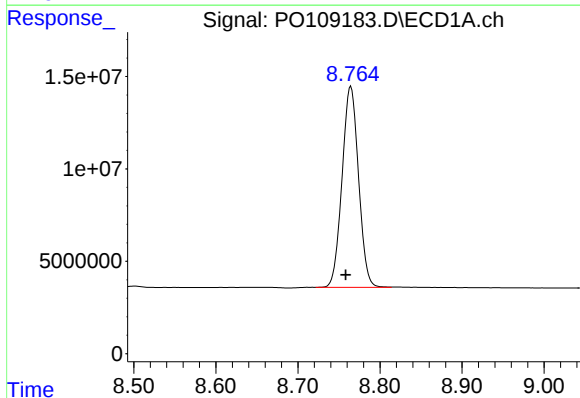
R.T.: 3.700 min
Delta R.T.: 0.000 min
Response: 157921374
Conc: 20.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



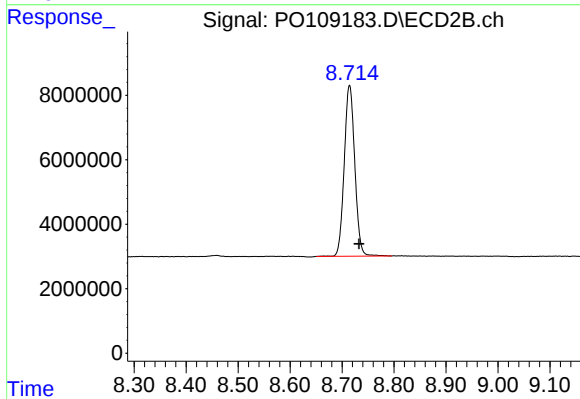
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.021 min
Response: 111113401
Conc: 20.73 ng/ml



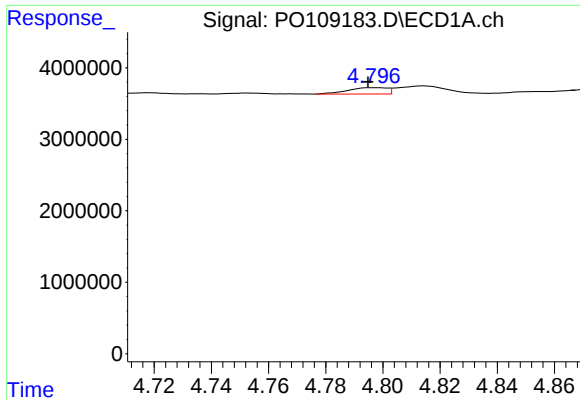
#2 Decachlorobiphenyl

R.T.: 8.764 min
Delta R.T.: 0.006 min
Response: 151648068
Conc: 21.89 ng/ml



#2 Decachlorobiphenyl

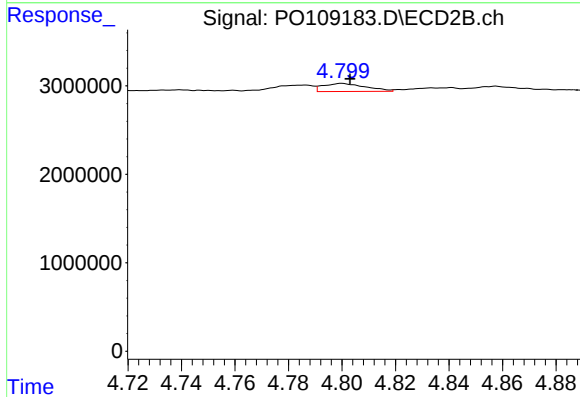
R.T.: 8.714 min
Delta R.T.: -0.019 min
Response: 74813485
Conc: 21.76 ng/ml



#3 AR-1016-1

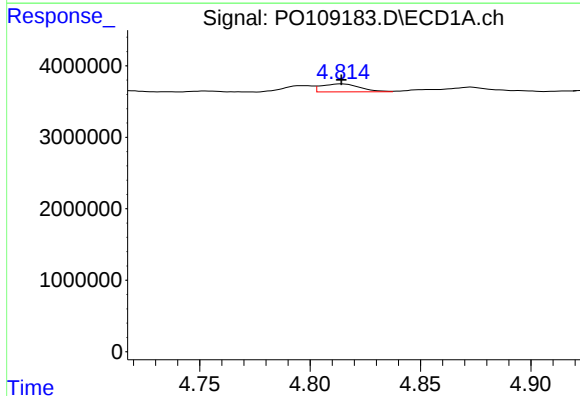
R.T.: 4.797 min
Delta R.T.: 0.002 min
Response: 838430
Conc: 3.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



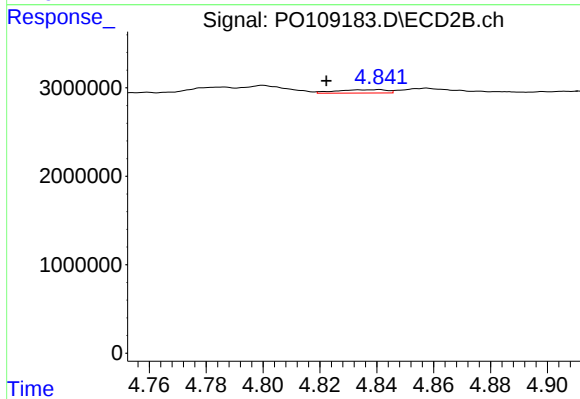
#3 AR-1016-1

R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 997601
Conc: 6.16 ng/ml



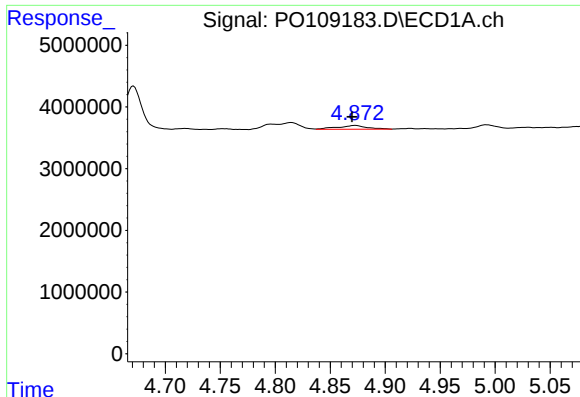
#4 AR-1016-2

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 1356246
Conc: 3.93 ng/ml



#4 AR-1016-2

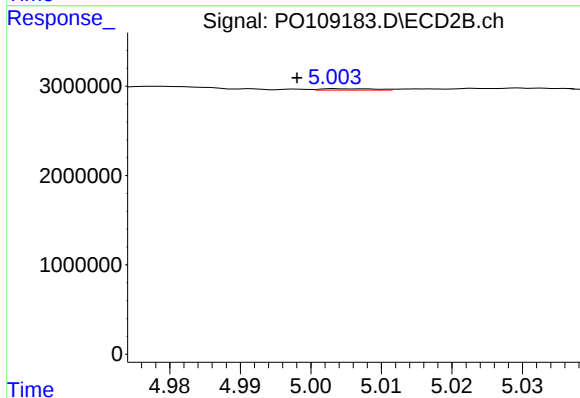
R.T.: 4.840 min
Delta R.T.: 0.018 min
Response: 459632
Conc: 1.93 ng/ml



#5 AR-1016-3

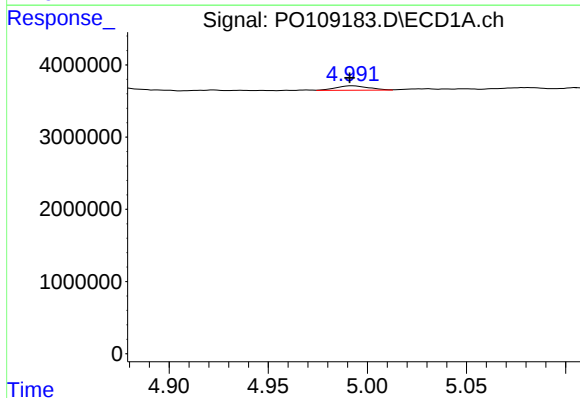
R.T.: 4.873 min
Delta R.T.: 0.003 min
Response: 1150024
Conc: 4.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



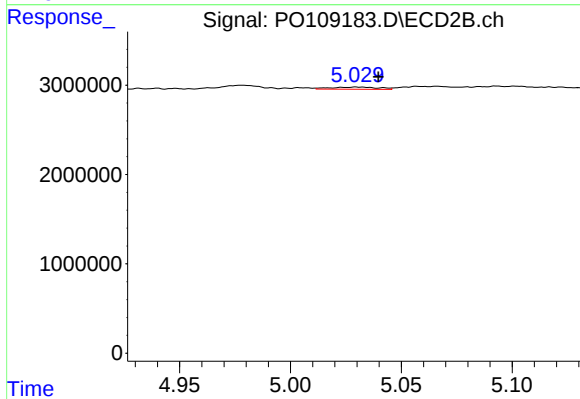
#5 AR-1016-3

R.T.: 5.004 min
Delta R.T.: 0.006 min
Response: 87562
Conc: 0.67 ng/ml



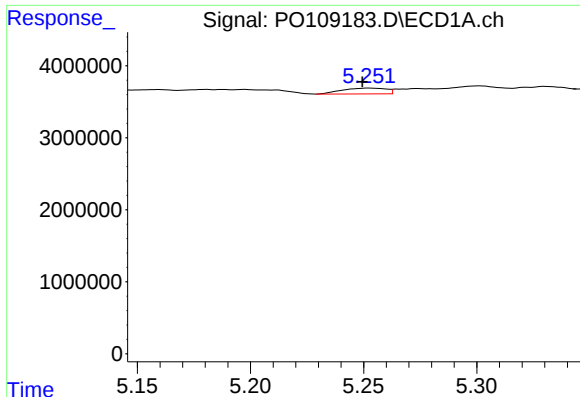
#6 AR-1016-4

R.T.: 4.992 min
Delta R.T.: 0.001 min
Response: 717941
Conc: 3.76 ng/ml



#6 AR-1016-4

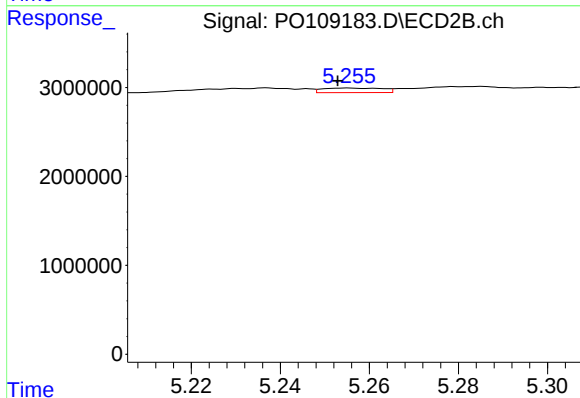
R.T.: 5.030 min
Delta R.T.: -0.010 min
Response: 371486
Conc: 3.36 ng/ml



#7 AR-1016-5

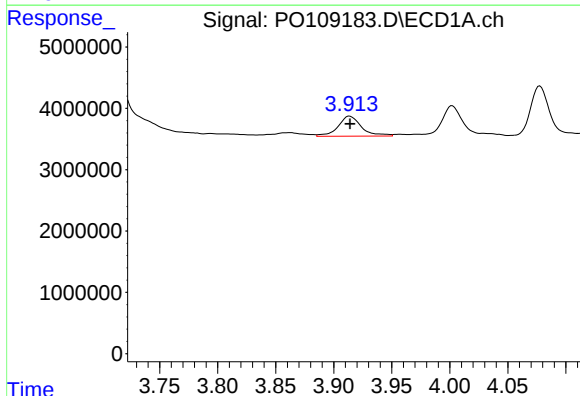
R.T.: 5.252 min
Delta R.T.: 0.003 min
Response: 1089990
Conc: 5.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



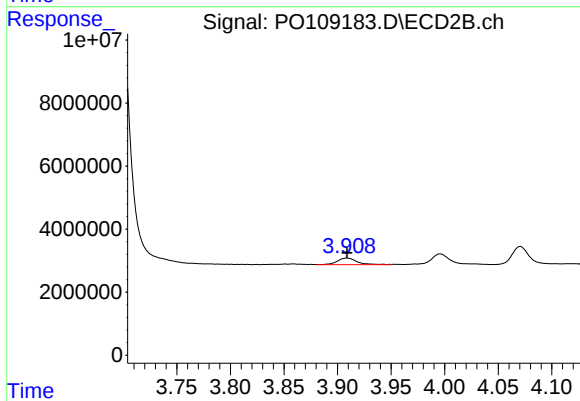
#7 AR-1016-5

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 479086
Conc: 3.34 ng/ml



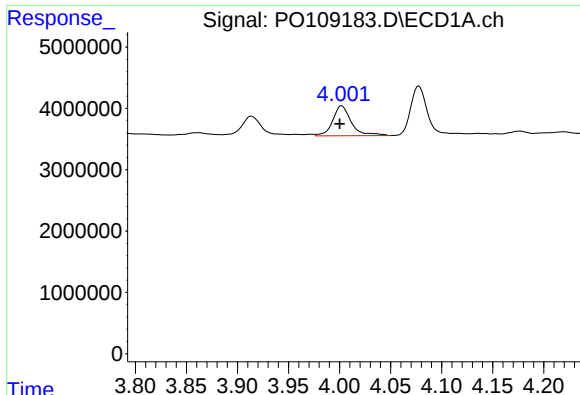
#8 AR-1221-1

R.T.: 3.914 min
Delta R.T.: 0.000 min
Response: 4597029
Conc: 45.92 ng/ml



#8 AR-1221-1

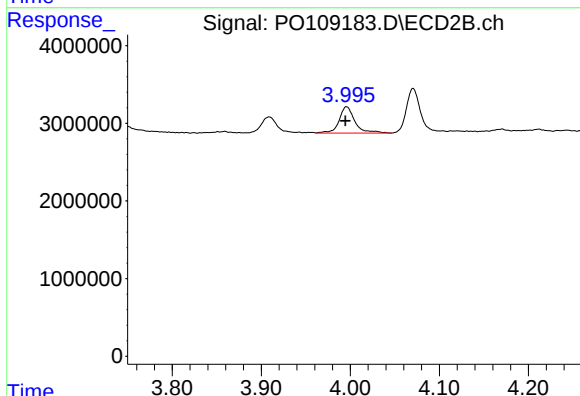
R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 2634215
Conc: 40.22 ng/ml



#9 AR-1221-2

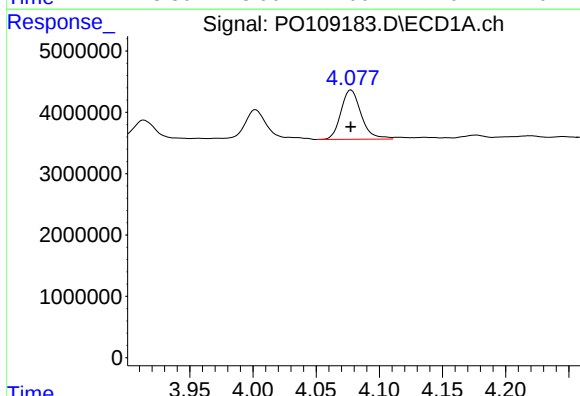
R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 6243775
Conc: 83.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



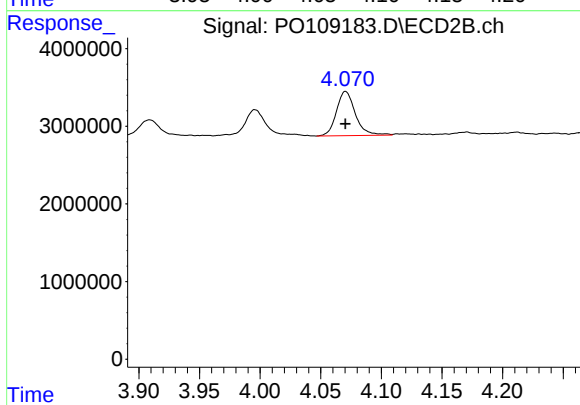
#9 AR-1221-2

R.T.: 3.996 min
Delta R.T.: 0.001 min
Response: 4196650
Conc: 84.97 ng/ml



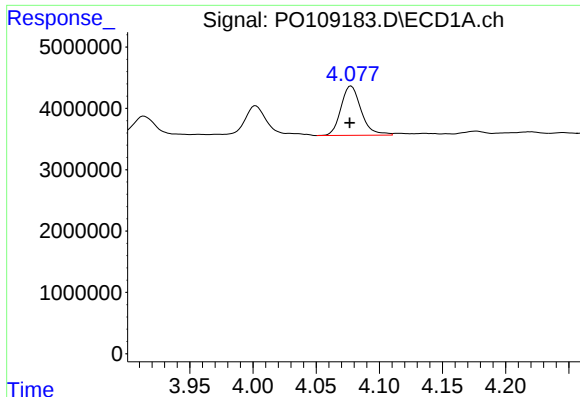
#10 AR-1221-3

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 8961241
Conc: 43.08 ng/ml



#10 AR-1221-3

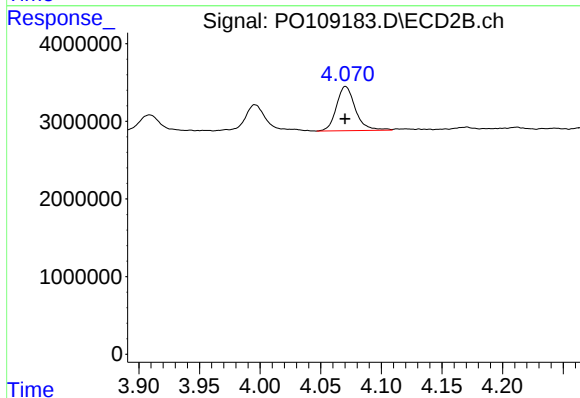
R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 6215417
Conc: 42.82 ng/ml



#11 AR-1232-1

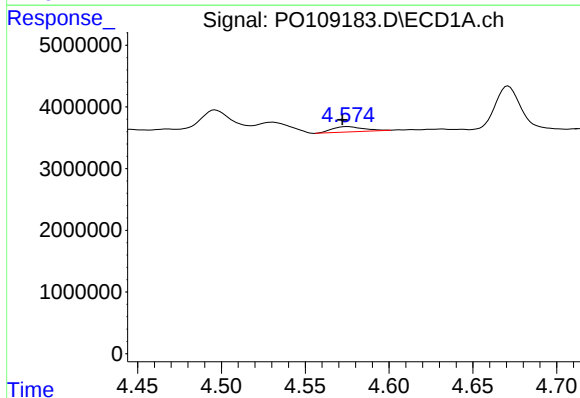
R.T.: 4.078 min
Delta R.T.: 0.001 min
Response: 8961241
Conc: 54.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



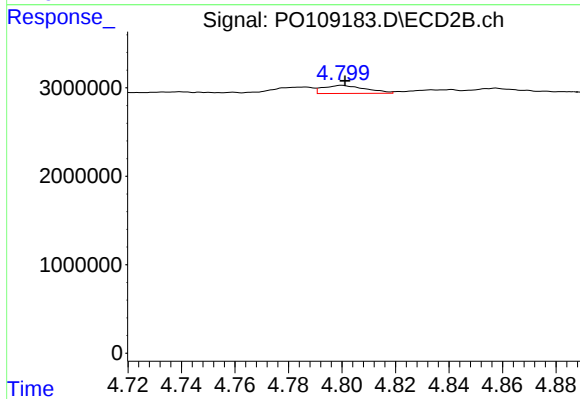
#11 AR-1232-1

R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 6215417
Conc: 53.81 ng/ml



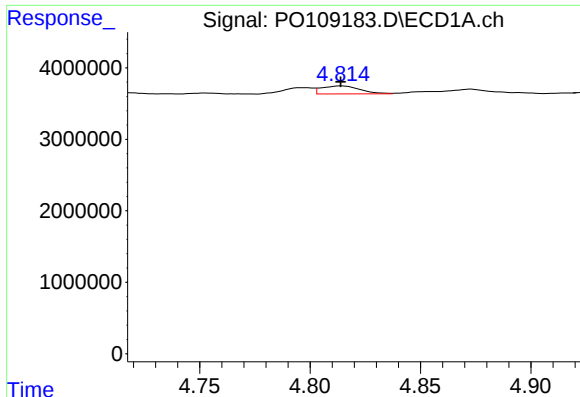
#12 AR-1232-2

R.T.: 4.575 min
Delta R.T.: 0.003 min
Response: 1120017
Conc: 12.31 ng/ml



#12 AR-1232-2

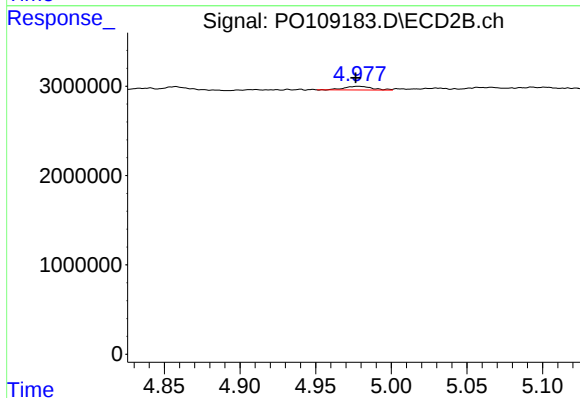
R.T.: 4.800 min
Delta R.T.: -0.001 min
Response: 997601
Conc: 9.16 ng/ml



#13 AR-1232-3

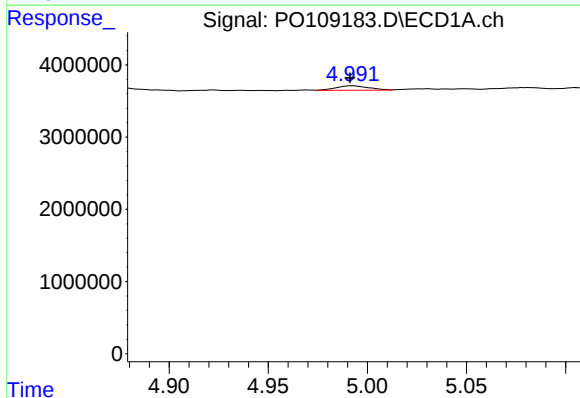
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 1356246
Conc: 8.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



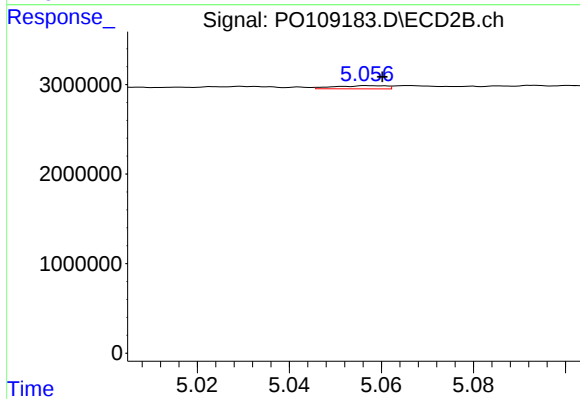
#13 AR-1232-3

R.T.: 4.978 min
Delta R.T.: 0.002 min
Response: 519954
Conc: 8.67 ng/ml



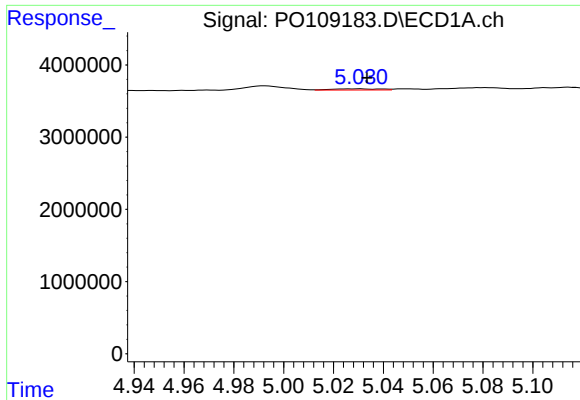
#14 AR-1232-4

R.T.: 4.992 min
Delta R.T.: 0.001 min
Response: 717941
Conc: 8.16 ng/ml



#14 AR-1232-4

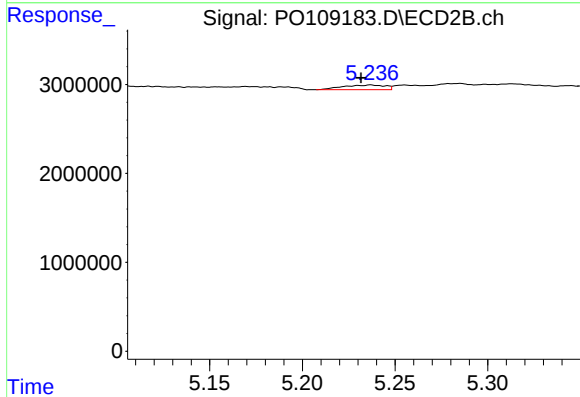
R.T.: 5.058 min
Delta R.T.: -0.003 min
Response: 274143
Conc: 4.79 ng/ml



#15 AR-1232-5

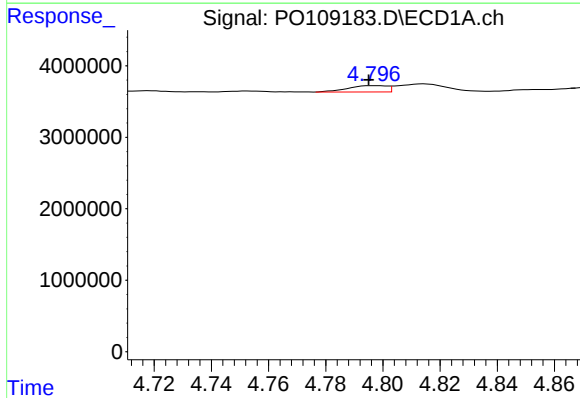
R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 229221
Conc: 3.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



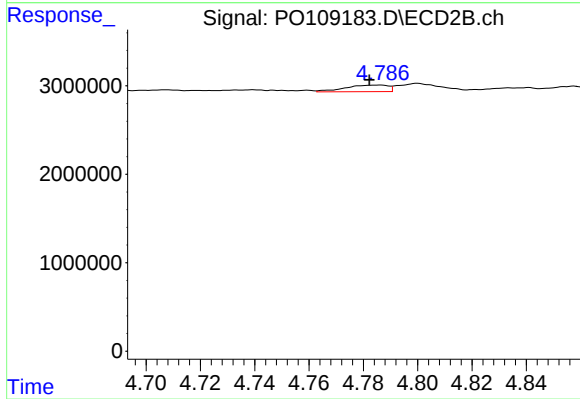
#15 AR-1232-5

R.T.: 5.237 min
Delta R.T.: 0.005 min
Response: 829612
Conc: 13.67 ng/ml



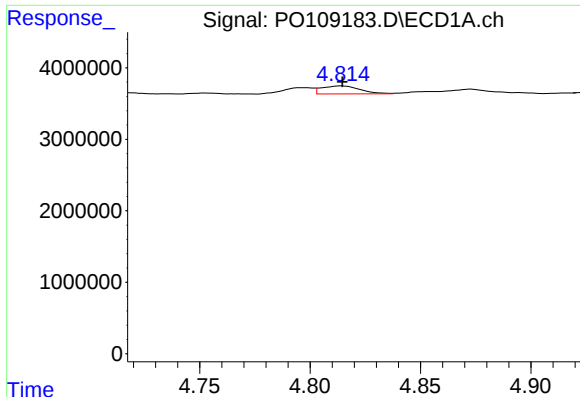
#16 AR-1242-1

R.T.: 4.797 min
Delta R.T.: 0.002 min
Response: 838430
Conc: 3.95 ng/ml



#16 AR-1242-1

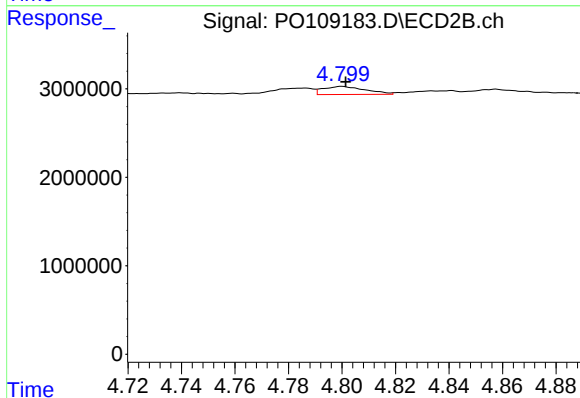
R.T.: 4.786 min
Delta R.T.: 0.003 min
Response: 820450
Conc: 5.74 ng/ml



#17 AR-1242-2

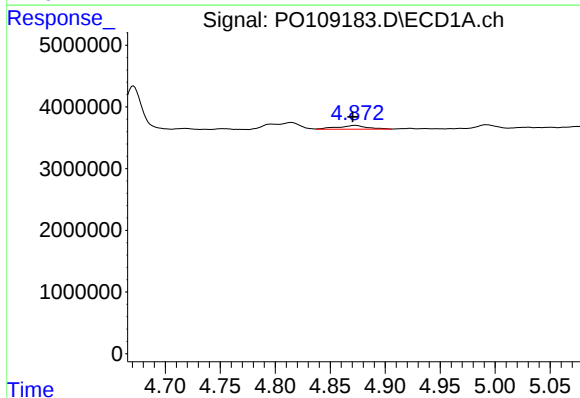
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 1356246
Conc: 4.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



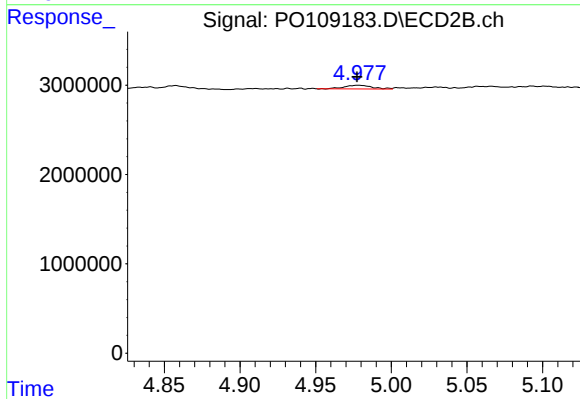
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.001 min
Response: 997601
Conc: 5.06 ng/ml



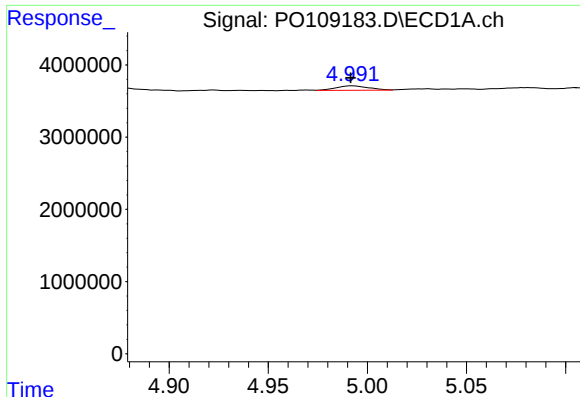
#18 AR-1242-3

R.T.: 4.873 min
Delta R.T.: 0.003 min
Response: 1150024
Conc: 5.62 ng/ml



#18 AR-1242-3

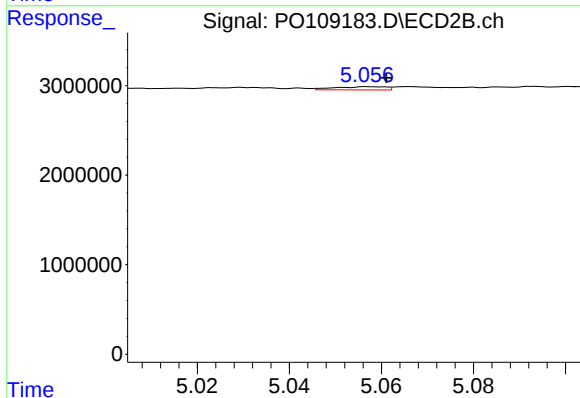
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 519954
Conc: 4.77 ng/ml



#19 AR-1242-4

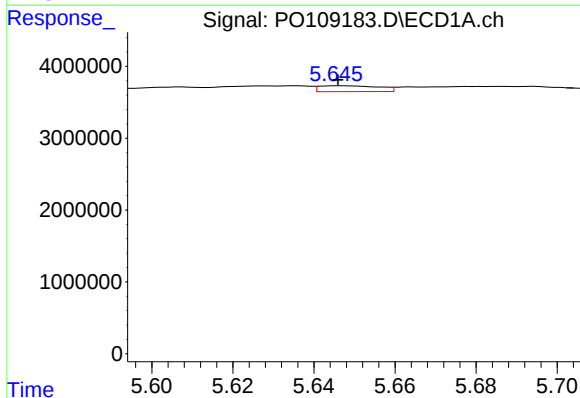
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 717941
Conc: 4.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



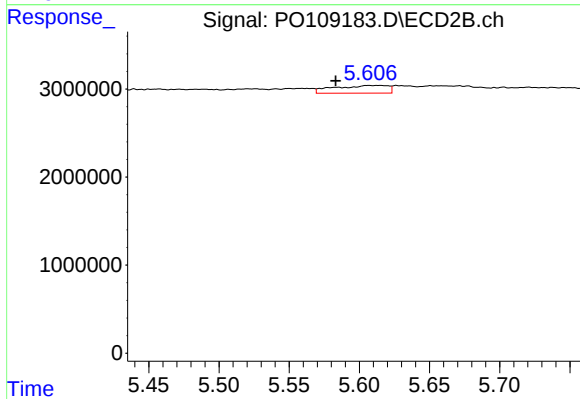
#19 AR-1242-4

R.T.: 5.058 min
Delta R.T.: -0.003 min
Response: 274143
Conc: 2.41 ng/ml



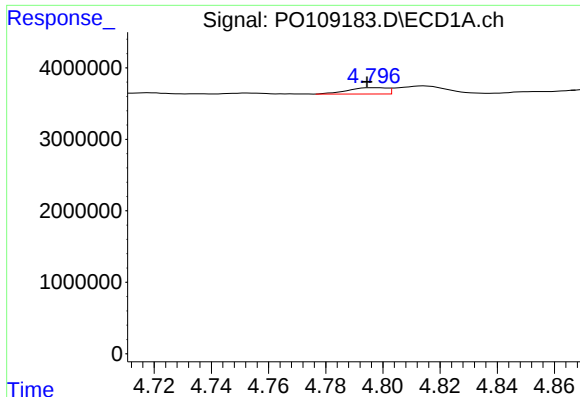
#20 AR-1242-5

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 832614
Conc: 4.98 ng/ml



#20 AR-1242-5

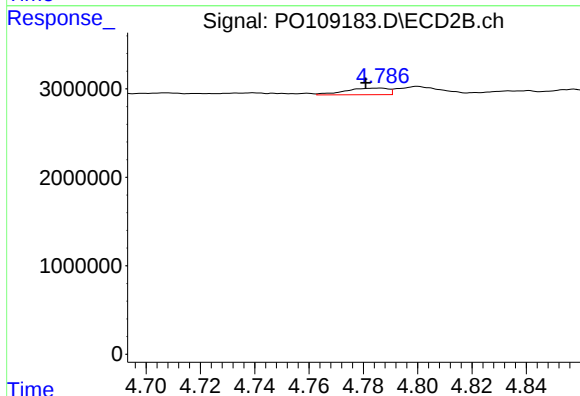
R.T.: 5.606 min
Delta R.T.: 0.023 min
Response: 2313497
Conc: 16.91 ng/ml



#21 AR-1248-1

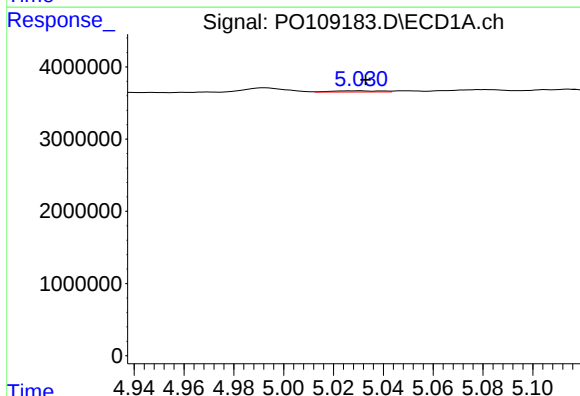
R.T.: 4.797 min
Delta R.T.: 0.003 min
Response: 838430
Conc: 5.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



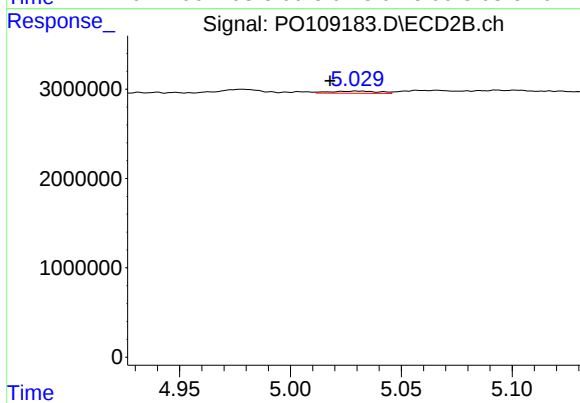
#21 AR-1248-1

R.T.: 4.786 min
Delta R.T.: 0.005 min
Response: 820450
Conc: 7.64 ng/ml



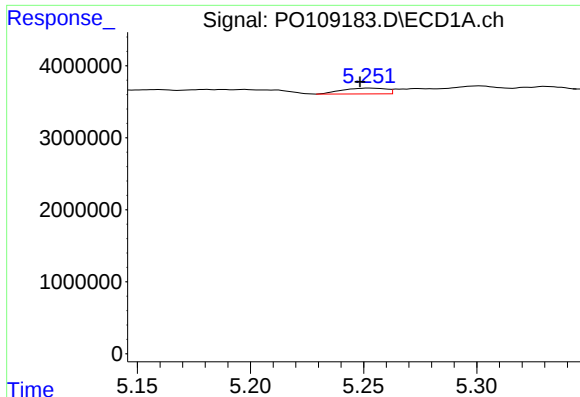
#22 AR-1248-2

R.T.: 5.031 min
Delta R.T.: -0.002 min
Response: 229221
Conc: 1.03 ng/ml



#22 AR-1248-2

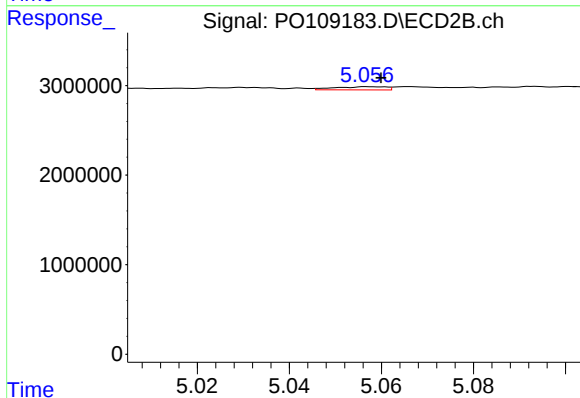
R.T.: 5.030 min
Delta R.T.: 0.012 min
Response: 371486
Conc: 2.41 ng/ml



#23 AR-1248-3

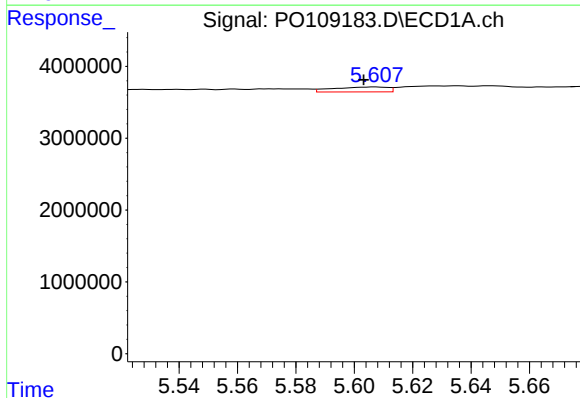
R.T.: 5.252 min
Delta R.T.: 0.004 min
Response: 1089990
Conc: 3.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



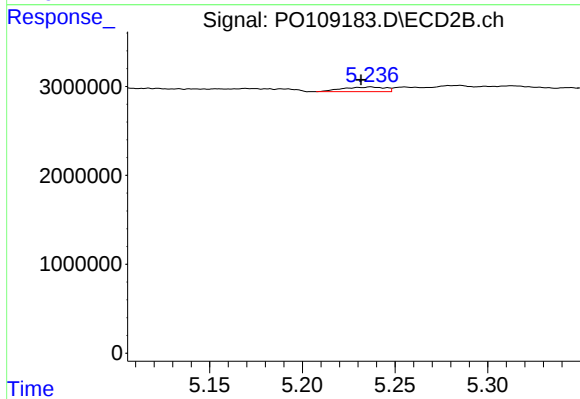
#23 AR-1248-3

R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 274143
Conc: 1.66 ng/ml



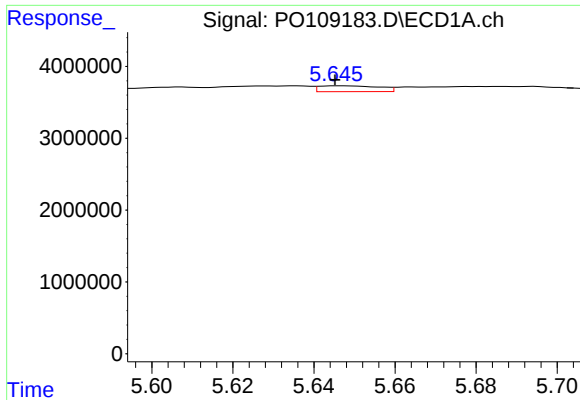
#24 AR-1248-4

R.T.: 5.607 min
Delta R.T.: 0.004 min
Response: 885070
Conc: 2.30 ng/ml



#24 AR-1248-4

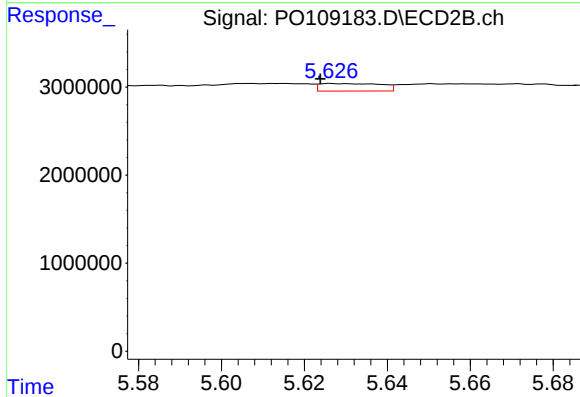
R.T.: 5.237 min
Delta R.T.: 0.005 min
Response: 829612
Conc: 4.33 ng/ml



#25 AR-1248-5

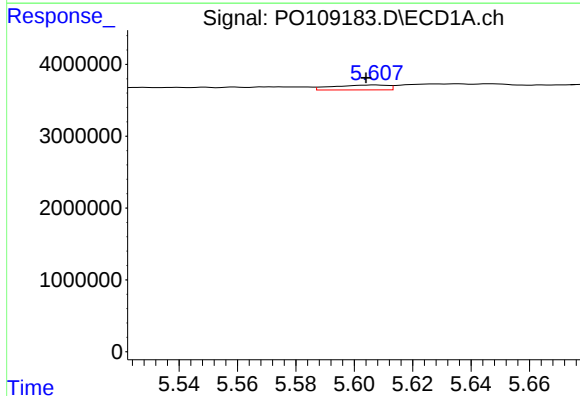
R.T.: 5.646 min
Delta R.T.: 0.001 min
Response: 832614
Conc: 3.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



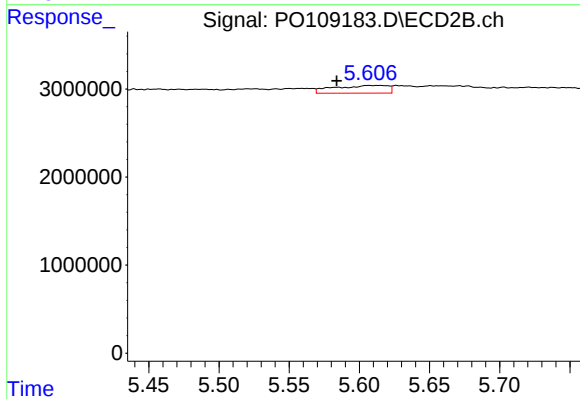
#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: 0.003 min
Response: 880864
Conc: 4.81 ng/ml



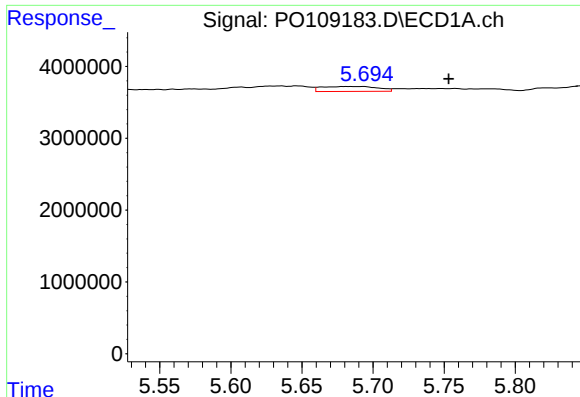
#26 AR-1254-1

R.T.: 5.607 min
Delta R.T.: 0.003 min
Response: 885070
Conc: 2.14 ng/ml



#26 AR-1254-1

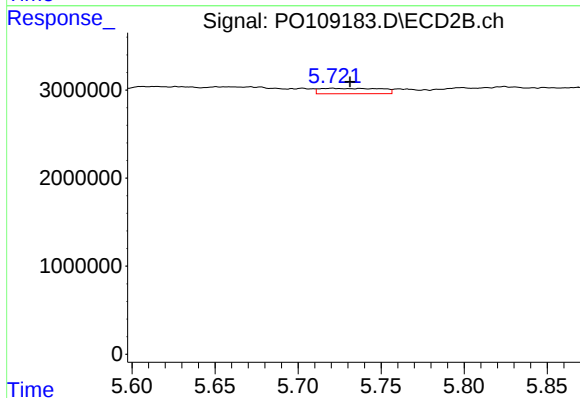
R.T.: 5.606 min
Delta R.T.: 0.023 min
Response: 2313497
Conc: 8.23 ng/ml



#27 AR-1254-2

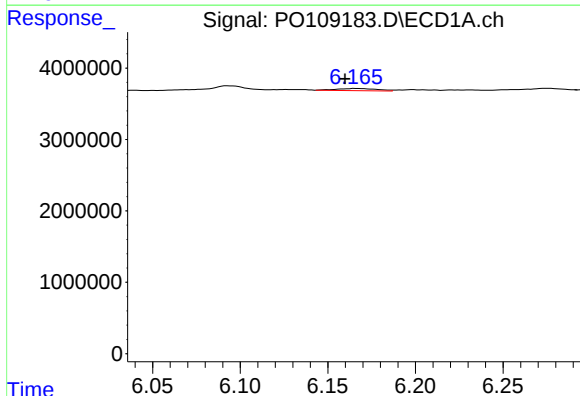
R.T.: 5.686 min
Delta R.T.: -0.068 min
Response: 1881999
Conc: 5.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



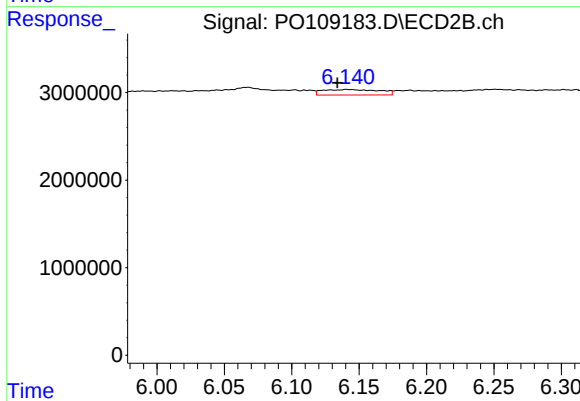
#27 AR-1254-2

R.T.: 5.721 min
Delta R.T.: -0.011 min
Response: 1577670
Conc: 6.30 ng/ml



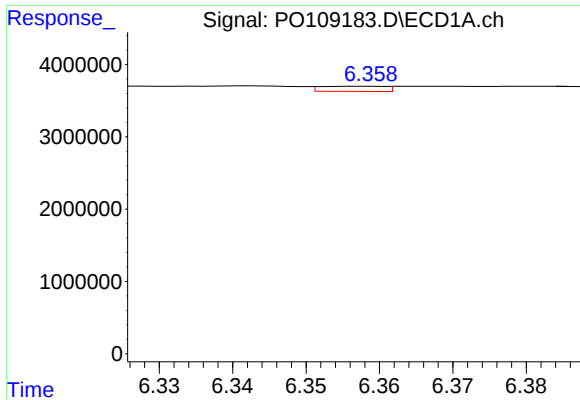
#28 AR-1254-3

R.T.: 6.166 min
Delta R.T.: 0.007 min
Response: 491634
Conc: 0.87 ng/ml



#28 AR-1254-3

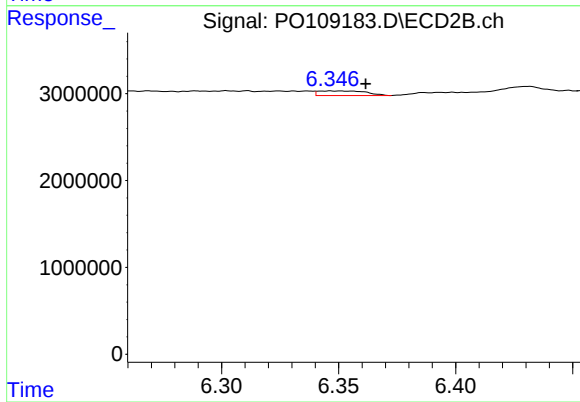
R.T.: 6.141 min
Delta R.T.: 0.007 min
Response: 1858424
Conc: 4.73 ng/ml



#29 AR-1254-4

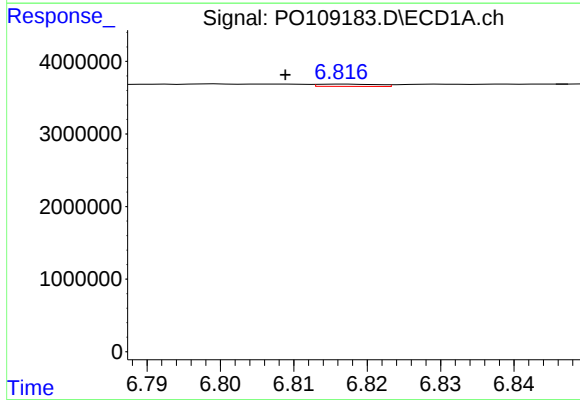
R.T.: 6.358 min
Delta R.T.: -0.030 min
Response: 441725
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



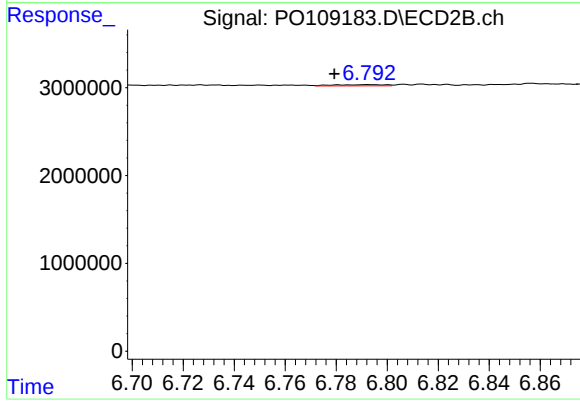
#29 AR-1254-4

R.T.: 6.347 min
Delta R.T.: -0.015 min
Response: 751120
Conc: 3.41 ng/ml



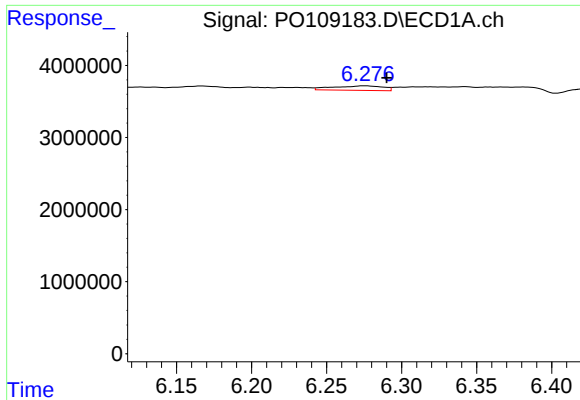
#30 AR-1254-5

R.T.: 6.817 min
Delta R.T.: 0.008 min
Response: 175716
Conc: 0.34 ng/ml



#30 AR-1254-5

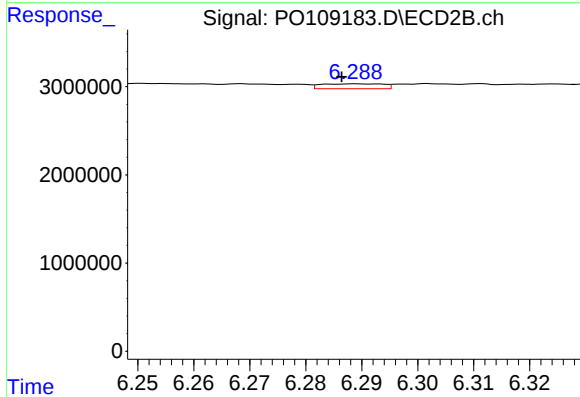
R.T.: 6.792 min
Delta R.T.: 0.013 min
Response: 187531
Conc: 0.57 ng/ml



#31 AR-1260-1

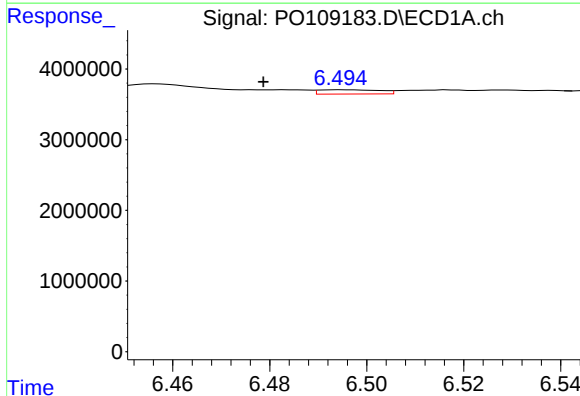
R.T.: 6.276 min
Delta R.T.: -0.015 min
Response: 1464110
Conc: 3.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



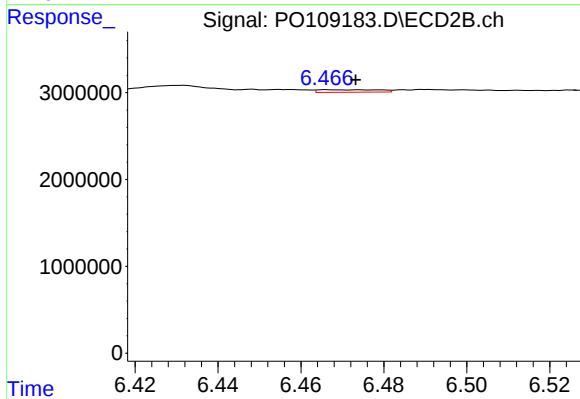
#31 AR-1260-1

R.T.: 6.289 min
Delta R.T.: 0.003 min
Response: 431951
Conc: 1.71 ng/ml



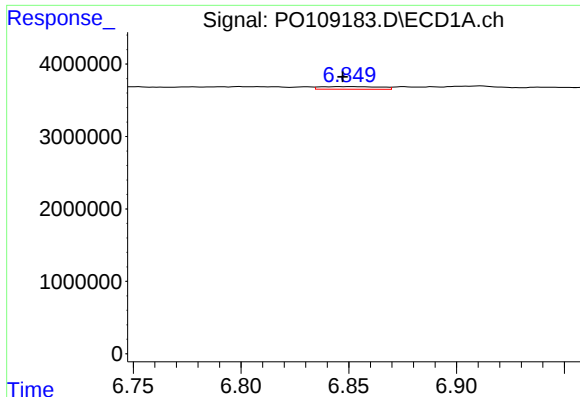
#32 AR-1260-2

R.T.: 6.495 min
Delta R.T.: 0.016 min
Response: 525568
Conc: 1.12 ng/ml



#32 AR-1260-2

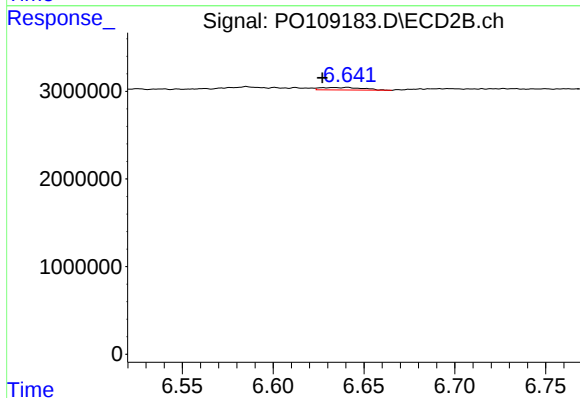
R.T.: 6.466 min
Delta R.T.: -0.007 min
Response: 288543
Conc: 0.96 ng/ml



#33 AR-1260-3

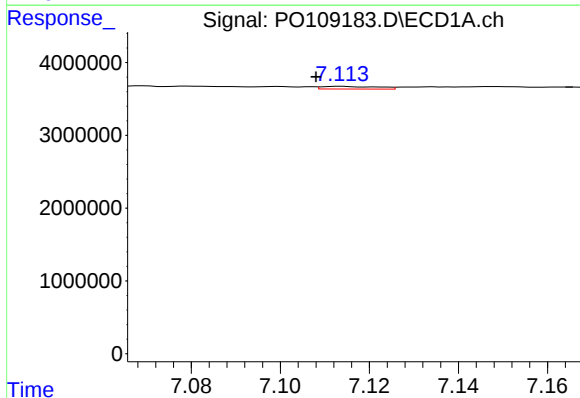
R.T.: 6.851 min
Delta R.T.: 0.004 min
Response: 681911
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



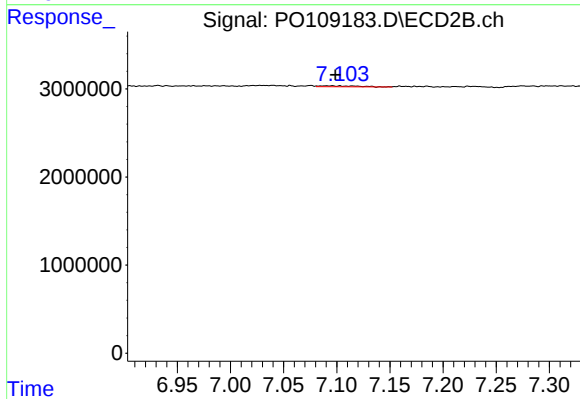
#33 AR-1260-3

R.T.: 6.641 min
Delta R.T.: 0.014 min
Response: 478835
Conc: 1.72 ng/ml



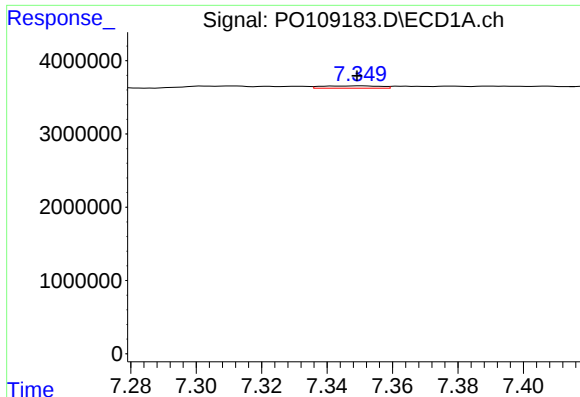
#34 AR-1260-4

R.T.: 7.114 min
Delta R.T.: 0.006 min
Response: 321349
Conc: 0.90 ng/ml



#34 AR-1260-4

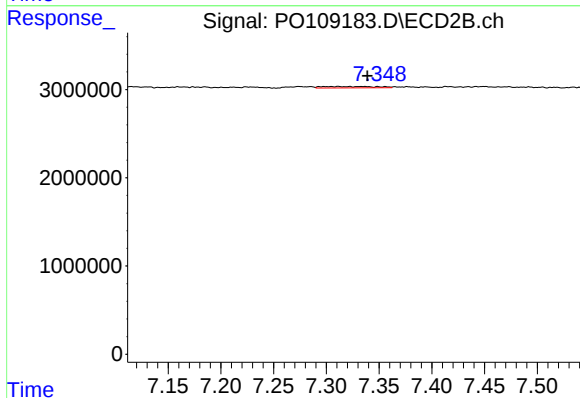
R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 269154
Conc: 1.19 ng/ml



#35 AR-1260-5

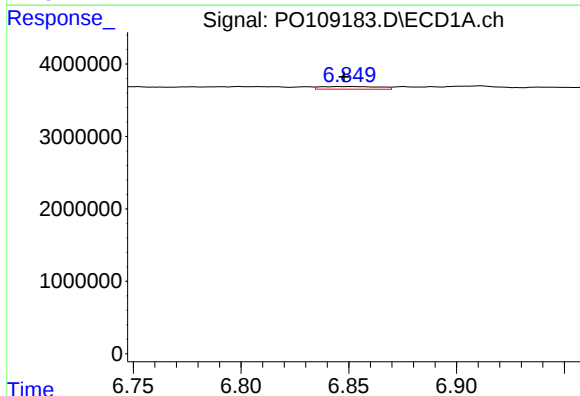
R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 394844
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



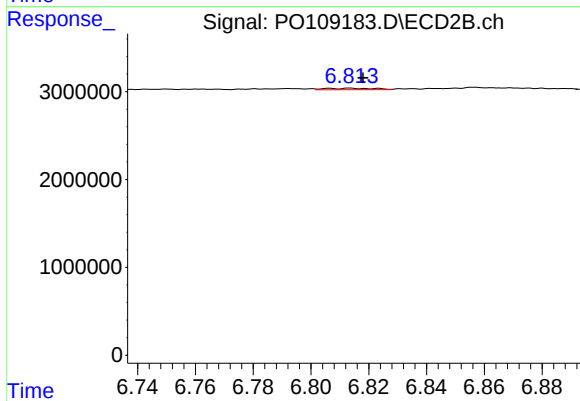
#35 AR-1260-5

R.T.: 7.311 min
Delta R.T.: -0.028 min
Response: 588019
Conc: 1.17 ng/ml



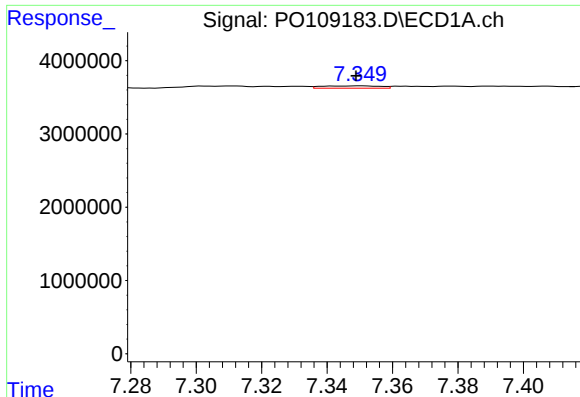
#36 AR-1262-1

R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 681911
Conc: 1.28 ng/ml



#36 AR-1262-1

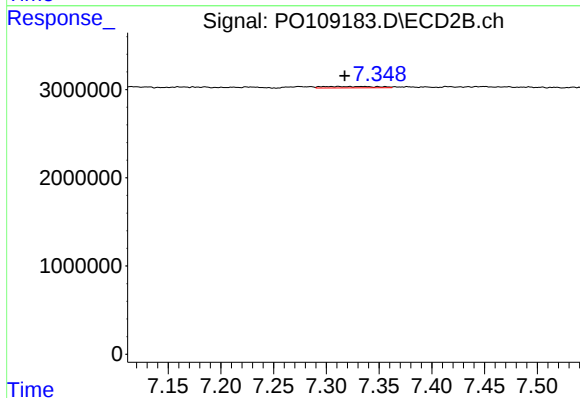
R.T.: 6.814 min
Delta R.T.: -0.004 min
Response: 188918
Conc: 0.56 ng/ml



#37 AR-1262-2

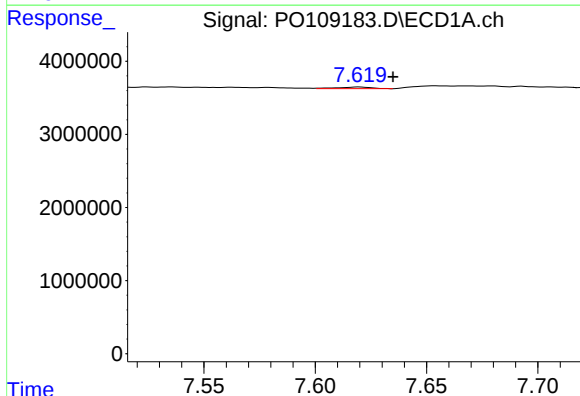
R.T.: 7.350 min
Delta R.T.: 0.001 min
Response: 394844
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



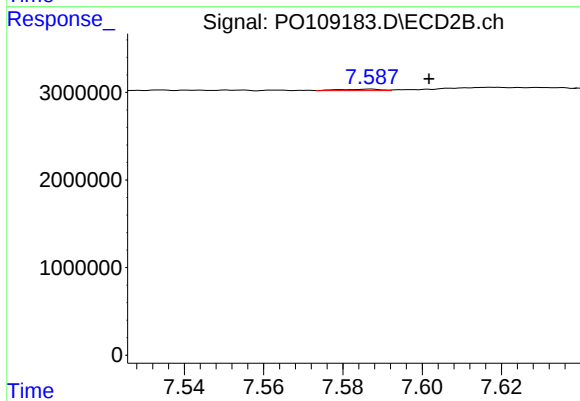
#37 AR-1262-2

R.T.: 7.311 min
Delta R.T.: -0.006 min
Response: 588019
Conc: 1.06 ng/ml



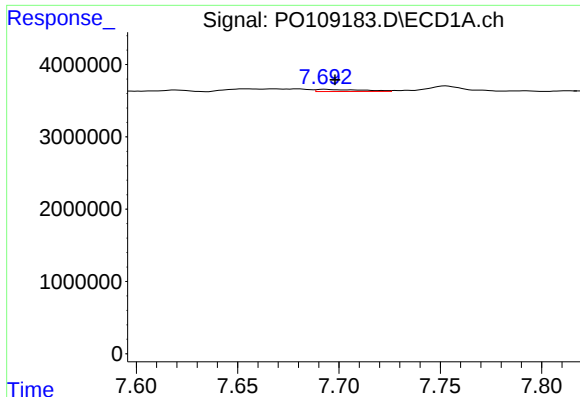
#38 AR-1262-3

R.T.: 7.620 min
Delta R.T.: -0.015 min
Response: 251268
Conc: 0.69 ng/ml



#38 AR-1262-3

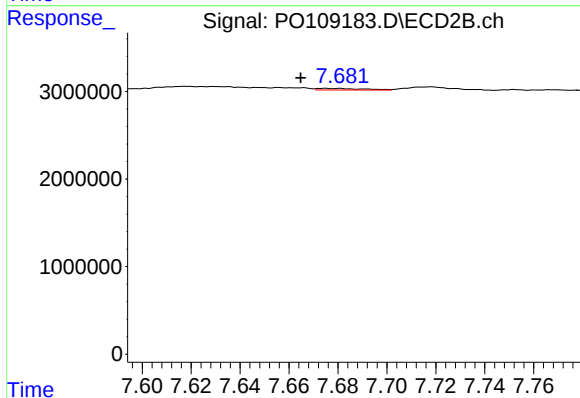
R.T.: 7.587 min
Delta R.T.: -0.015 min
Response: 111827
Conc: 0.52 ng/ml



#39 AR-1262-4

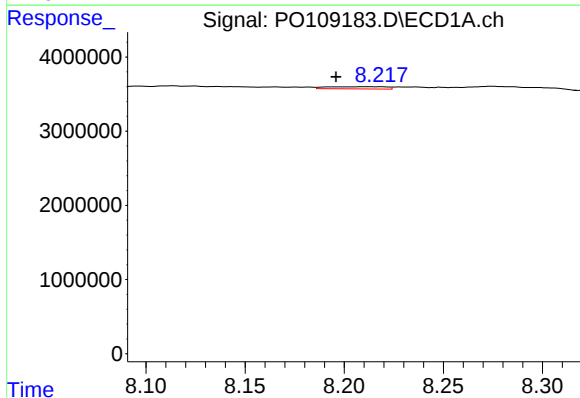
R.T.: 7.693 min
Delta R.T.: -0.005 min
Response: 436535
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



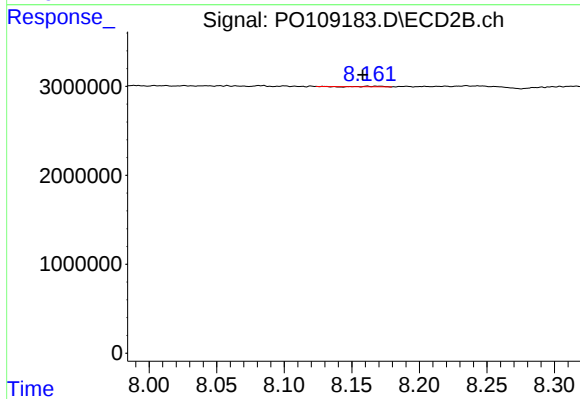
#39 AR-1262-4

R.T.: 7.675 min
Delta R.T.: 0.010 min
Response: 250002
Conc: 0.64 ng/ml



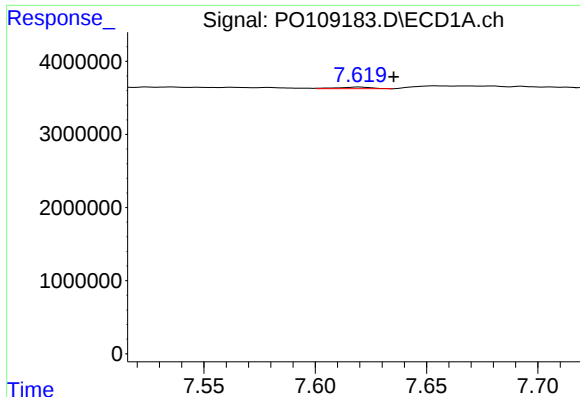
#40 AR-1262-5

R.T.: 8.211 min
Delta R.T.: 0.015 min
Response: 610457
Conc: 2.02 ng/ml



#40 AR-1262-5

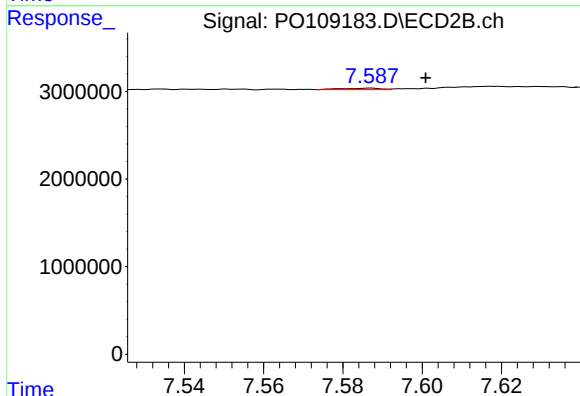
R.T.: 8.162 min
Delta R.T.: 0.003 min
Response: 39160
Conc: 0.25 ng/ml



#41 AR-1268-1

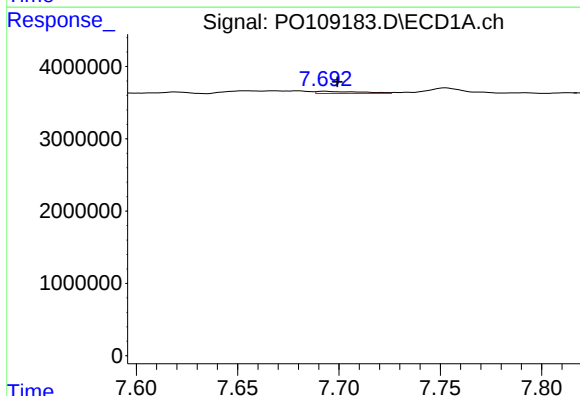
R.T.: 7.620 min
Delta R.T.: -0.016 min
Response: 251268
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



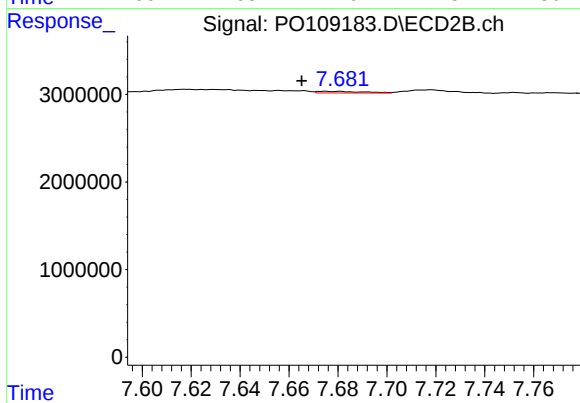
#41 AR-1268-1

R.T.: 7.587 min
Delta R.T.: -0.014 min
Response: 111827
Conc: 0.18 ng/ml



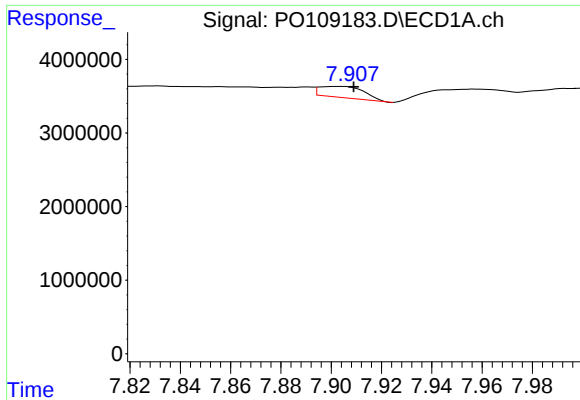
#42 AR-1268-2

R.T.: 7.693 min
Delta R.T.: -0.007 min
Response: 436535
Conc: 0.45 ng/ml



#42 AR-1268-2

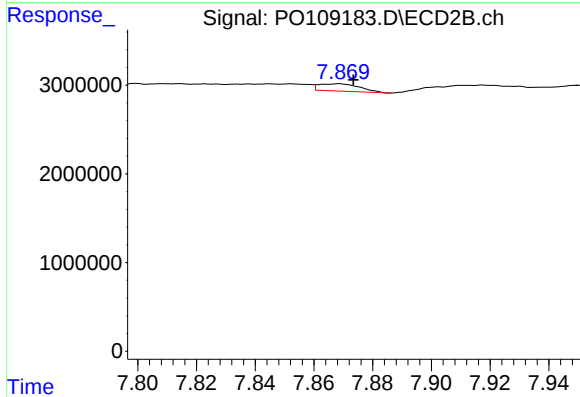
R.T.: 7.675 min
Delta R.T.: 0.009 min
Response: 250002
Conc: 0.44 ng/ml



#43 AR-1268-3

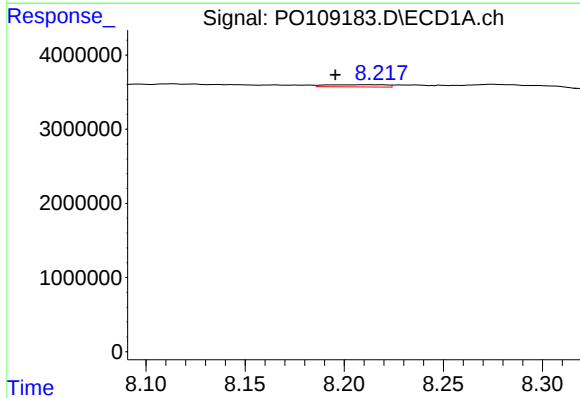
R.T.: 7.904 min
Delta R.T.: -0.005 min
Response: 1870180
Conc: 2.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



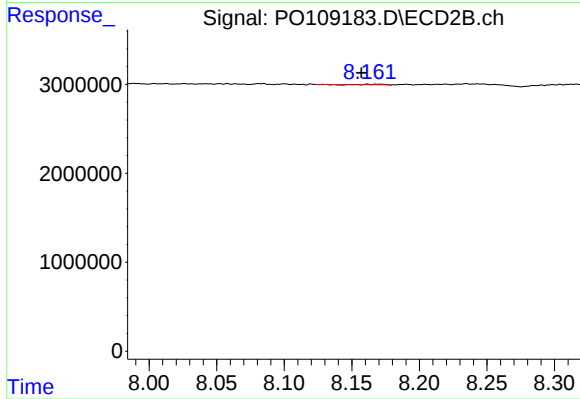
#43 AR-1268-3

R.T.: 7.868 min
Delta R.T.: -0.005 min
Response: 788743
Conc: 1.71 ng/ml



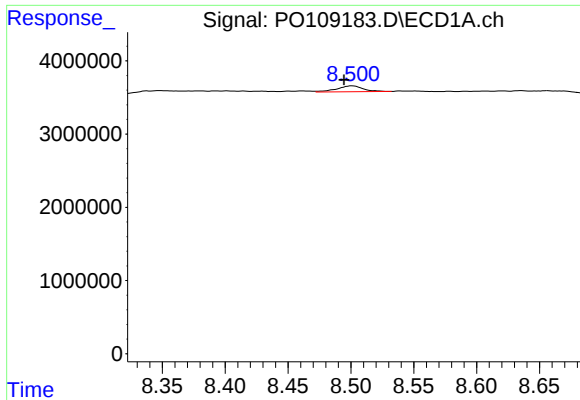
#44 AR-1268-4

R.T.: 8.211 min
Delta R.T.: 0.016 min
Response: 610457
Conc: 1.78 ng/ml



#44 AR-1268-4

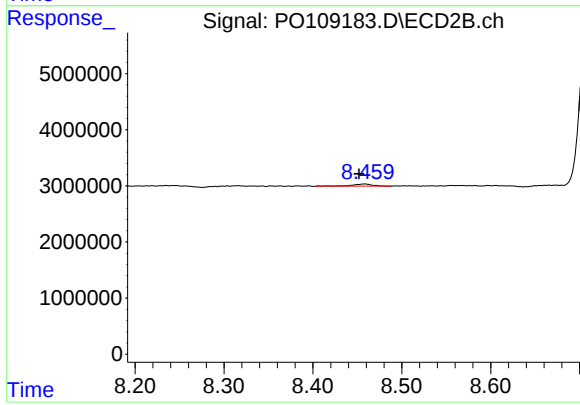
R.T.: 8.162 min
Delta R.T.: 0.004 min
Response: 39160
Conc: 0.22 ng/ml



#45 AR-1268-5

R.T.: 8.501 min
Delta R.T.: 0.006 min
Response: 1175089
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.458 min
Delta R.T.: 0.006 min
Response: 584173
Conc: 0.49 ng/ml