

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0072523\
 Data File : P0096339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 15:19
 Operator : YP/AJ
 Sample : 03710-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 19:32:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 12:20:47 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...	4.410	3.626	71707480	27801096	22.775	21.182
2)	SA Decachlor...	10.231	8.653	57270437	29748463	29.104	27.306
Target Compounds							
3)	L1 AR-1016-1	5.590	4.731	319903	549499	3.846	13.469 #
4)	L1 AR-1016-2	5.615	4.731	467906	549499	3.992	9.704 #
5)	L1 AR-1016-3	5.675	4.910	461049	867152	6.156	28.137 #
6)	L1 AR-1016-4	5.776	4.995f	38090	1361470	0.631	48.074 #
7)	L1 AR-1016-5	6.073	5.166	1056576	2590161	16.416	75.822 #
8)	L2 AR-1221-1	4.616	3.787f	6201595	361576	168.313	21.012 #
9)	L2 AR-1221-2	4.685	3.928	7153096	1230217	257.169	95.427 #
10)	L2 AR-1221-3	4.803	4.007	4520484	605006	55.982	15.785 #
11)	L3 AR-1232-1	4.803	4.007	4520484	605006	69.503	19.430 #
12)	L3 AR-1232-2	5.339	4.731	944342	549499	25.458	20.680
13)	L3 AR-1232-3	5.615	4.910	467906	867152	8.690	61.825 #
14)	L3 AR-1232-4	5.776	4.995	38090	1361470	1.387	98.548 #
15)	L3 AR-1232-5	5.870	5.166	375118	2590161	14.838	154.621 #
16)	L4 AR-1242-1	5.590	4.731	319903	549499	4.246	14.903 #
17)	L4 AR-1242-2	5.615	4.731	467906	549499	4.416	10.910 #
18)	L4 AR-1242-3	5.675	4.910	461049	867152	6.937	30.917 #
19)	L4 AR-1242-4	5.776	4.995	38090	1361470	0.700	45.574 #
20)	L4 AR-1242-5	6.529	5.518	1420840	828731	24.809	24.152
21)	L5 AR-1248-1	5.590	4.731	319903	549499	5.975	20.900 #
22)	L5 AR-1248-2	5.870	4.995f	375118	1361470	4.263	34.326 #
23)	L5 AR-1248-3	6.073	4.995	1056576	1361470	11.430	32.570 #
24)	L5 AR-1248-4	6.481	5.166	1531869	2590161	17.828	54.426 #
25)	L5 AR-1248-5	6.529	5.560	1420840	474836	15.710	10.828 #
26)	L6 AR-1254-1	6.457	5.518	-84522	828731	N.D.	12.042 #
27)	L6 AR-1254-2	6.674	5.667	1426189	1220139	9.856	20.093 #
28)	L6 AR-1254-3	7.043	6.072	6836068	3200899	47.477	34.329 #
29)	L6 AR-1254-4	7.330	6.302	4393680	2286932	47.383	40.933
30)	L6 AR-1254-5	7.753	6.721	5111258	4044837	49.725	50.789
31)	L7 AR-1260-1	7.209	6.202	8047333	2606366	60.951	38.735 #
32)	L7 AR-1260-2	7.466	6.390	3487155	3576314	28.383	46.202 #
33)	L7 AR-1260-3	7.753	6.545	5111258	2205568	38.011	27.127 #
34)	L7 AR-1260-4	8.041	7.017	3418882	510242	32.307	8.511 #
35)	L7 AR-1260-5	8.381	7.262	1175135	686321	6.036	5.250
36)	L8 AR-1262-1	7.829	6.815	1779420	267323	12.524	7.442 #
37)	L8 AR-1262-2	8.381	7.017	1175135	510242	5.461	6.729
38)	L8 AR-1262-3	8.710	7.606f	1516860	746874	9.697	12.816 #
39)	L8 AR-1262-4	8.794	7.606	680184	746874	5.499	7.143 #
40)	L8 AR-1262-5	9.446	8.114	304386	157478	3.858	3.198
41)	L9 AR-1268-1	8.710	7.606f	1516860	746874	5.168	4.328

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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

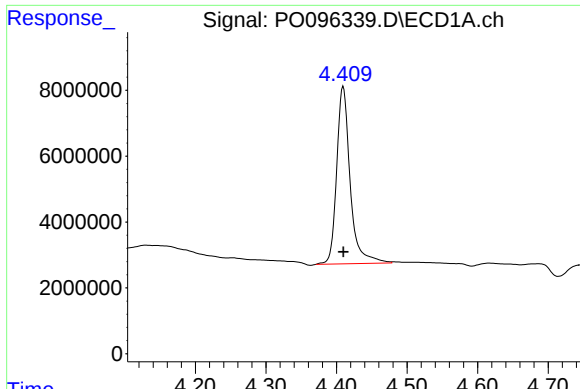
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 19:32:46 2023
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 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	8.794	7.606	680184	746874	2.538	4.817 #
43) L9	AR-1268-3	9.031	7.821	200252	405795	0.825	2.955 #
44) L9	AR-1268-4	9.446	8.114	304386	157478	3.475	2.834
45) L9	AR-1268-5	9.893	8.399	405602	211066	0.542	0.541

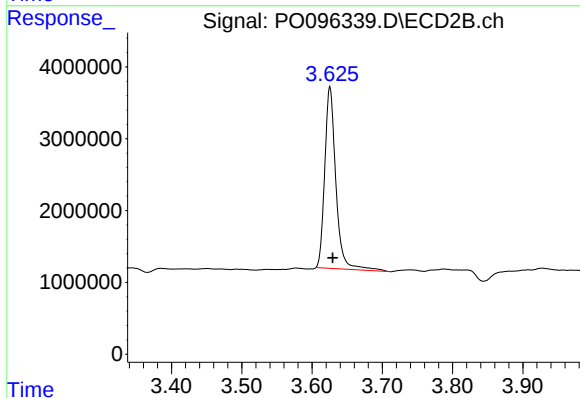
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

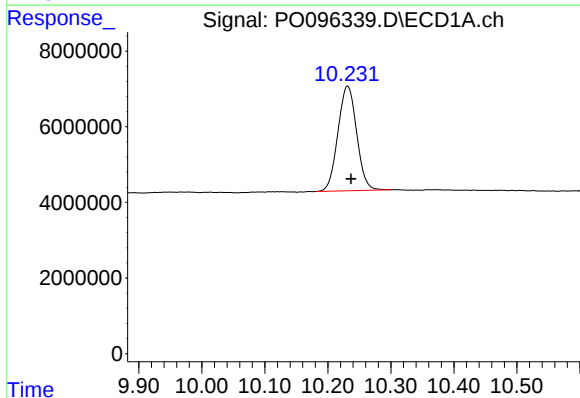
R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 71707480
Conc: 22.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



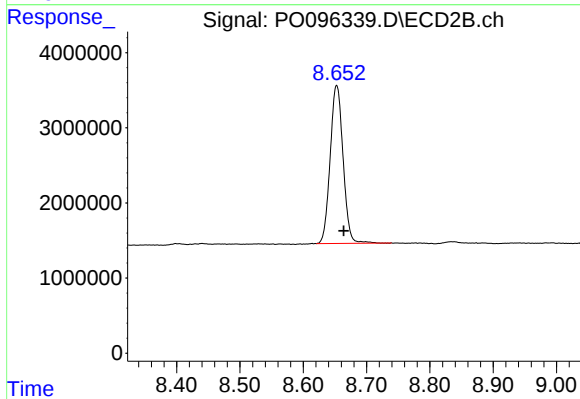
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.004 min
Response: 27801096
Conc: 21.18 ng/ml



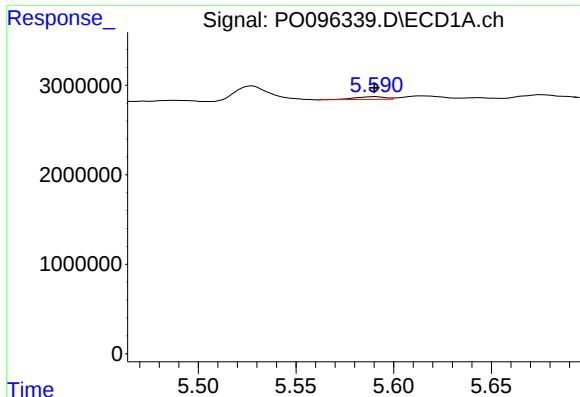
#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: -0.005 min
Response: 57270437
Conc: 29.10 ng/ml



#2 Decachlorobiphenyl

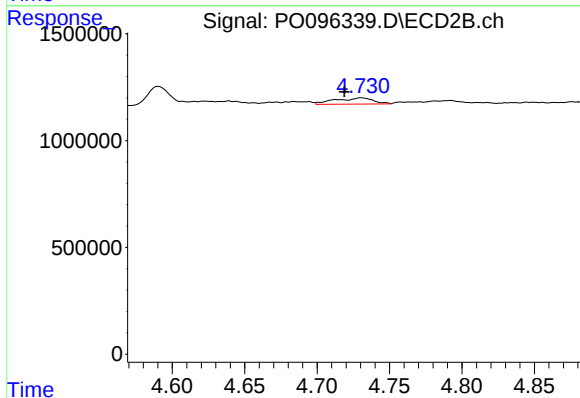
R.T.: 8.653 min
Delta R.T.: -0.011 min
Response: 29748463
Conc: 27.31 ng/ml



#3 AR-1016-1

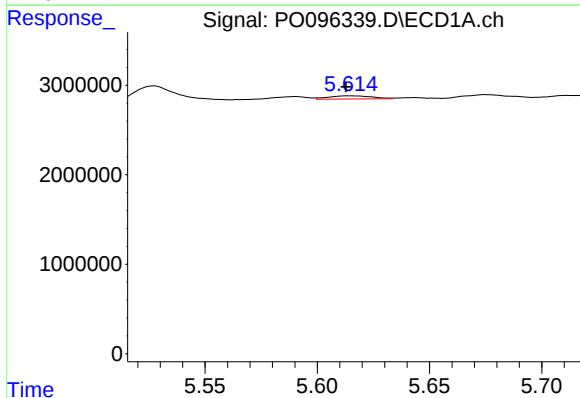
R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 319903
Conc: 3.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



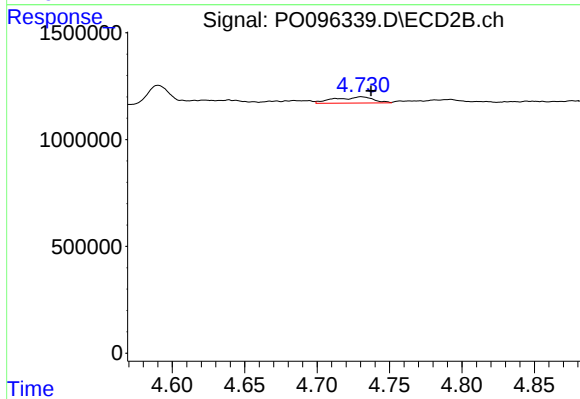
#3 AR-1016-1

R.T.: 4.731 min
Delta R.T.: 0.012 min
Response: 549499
Conc: 13.47 ng/ml



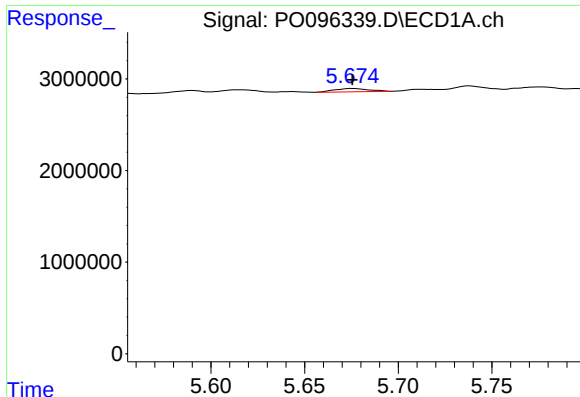
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 467906
Conc: 3.99 ng/ml



#4 AR-1016-2

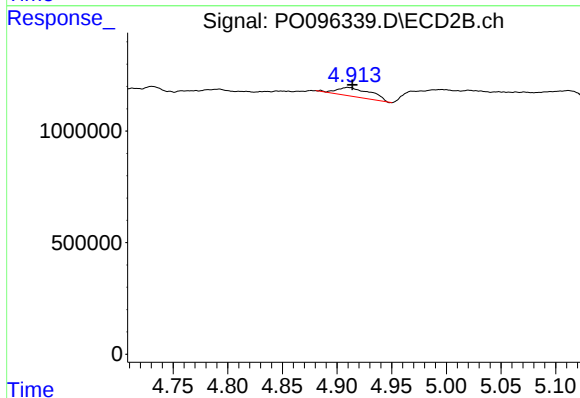
R.T.: 4.731 min
Delta R.T.: -0.007 min
Response: 549499
Conc: 9.70 ng/ml



#5 AR-1016-3

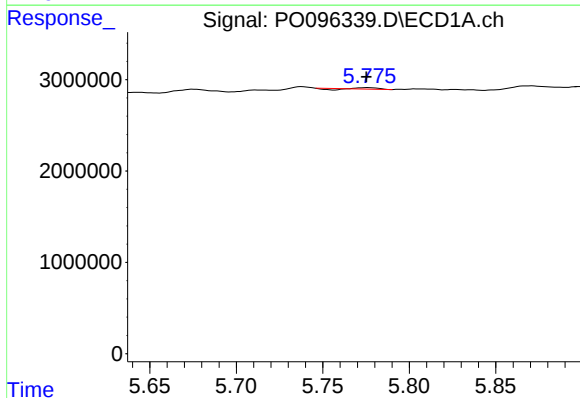
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 461049
Conc: 6.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



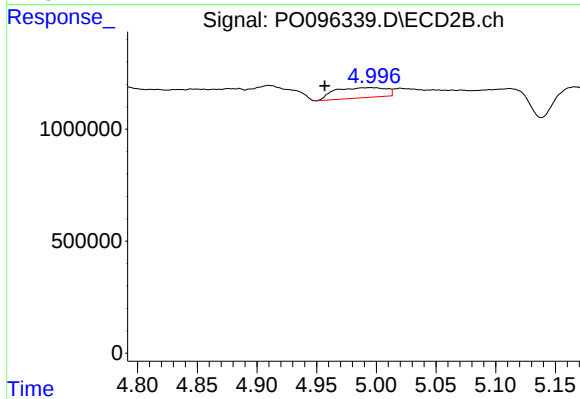
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 867152
Conc: 28.14 ng/ml



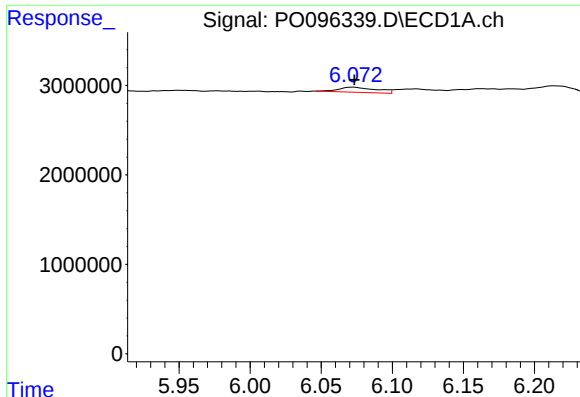
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 38090
Conc: 0.63 ng/ml



#6 AR-1016-4

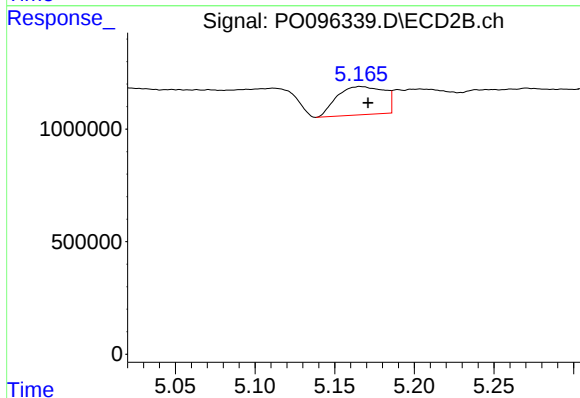
R.T.: 4.995 min
Delta R.T.: 0.038 min
Response: 1361470
Conc: 48.07 ng/ml



#7 AR-1016-5

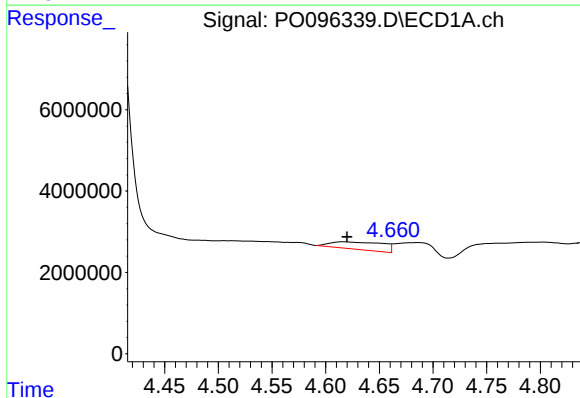
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1056576
Conc: 16.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



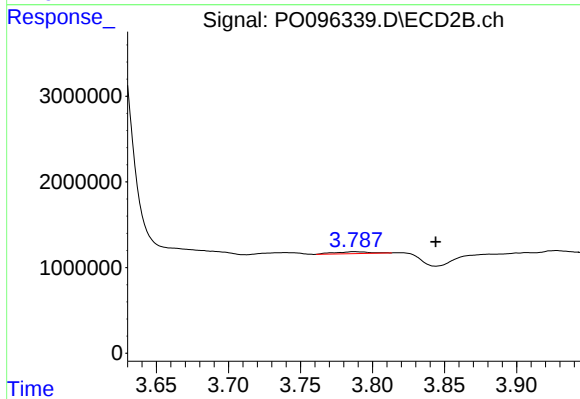
#7 AR-1016-5

R.T.: 5.166 min
Delta R.T.: -0.004 min
Response: 2590161
Conc: 75.82 ng/ml



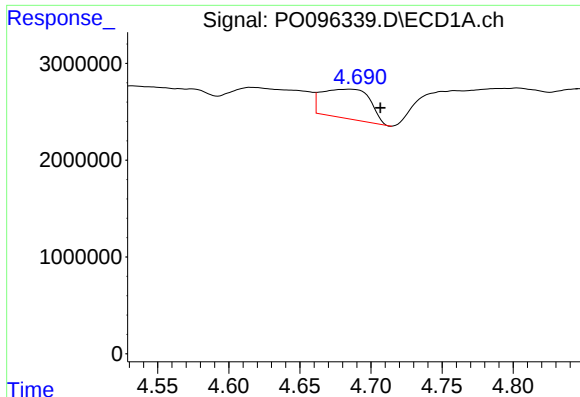
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.004 min
Response: 6201595
Conc: 168.31 ng/ml



#8 AR-1221-1

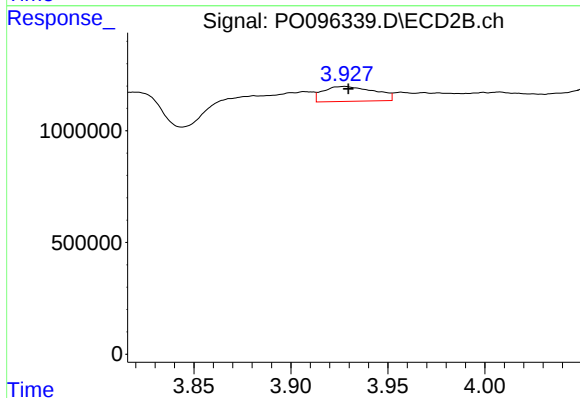
R.T.: 3.787 min
Delta R.T.: -0.057 min
Response: 361576
Conc: 21.01 ng/ml



#9 AR-1221-2

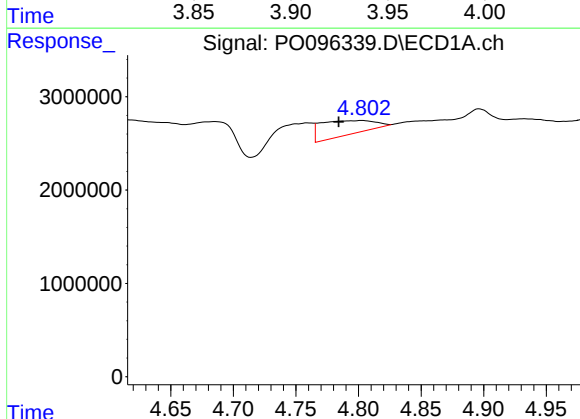
R.T.: 4.685 min
Delta R.T.: -0.021 min
Response: 7153096
Conc: 257.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



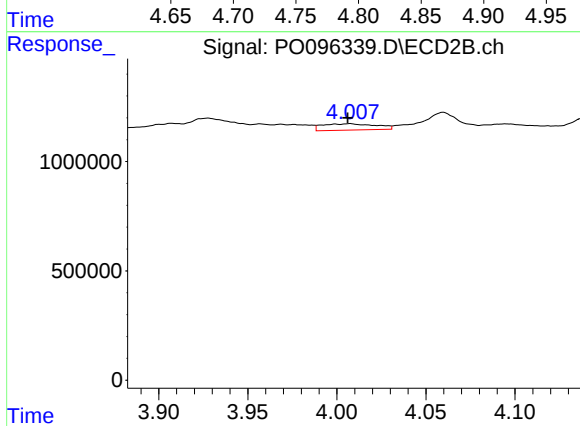
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: -0.002 min
Response: 1230217
Conc: 95.43 ng/ml



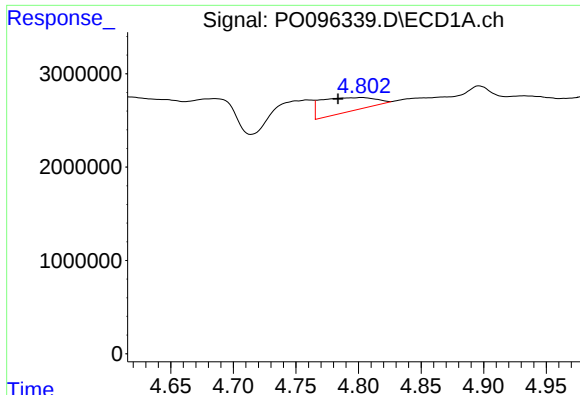
#10 AR-1221-3

R.T.: 4.803 min
Delta R.T.: 0.019 min
Response: 4520484
Conc: 55.98 ng/ml



#10 AR-1221-3

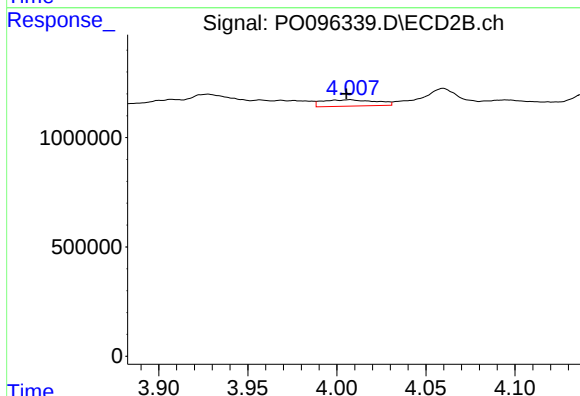
R.T.: 4.007 min
Delta R.T.: 0.001 min
Response: 605006
Conc: 15.78 ng/ml



#11 AR-1232-1

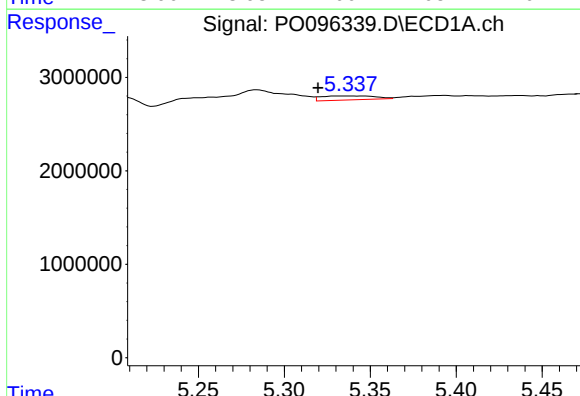
R.T.: 4.803 min
Delta R.T.: 0.019 min
Response: 4520484
Conc: 69.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



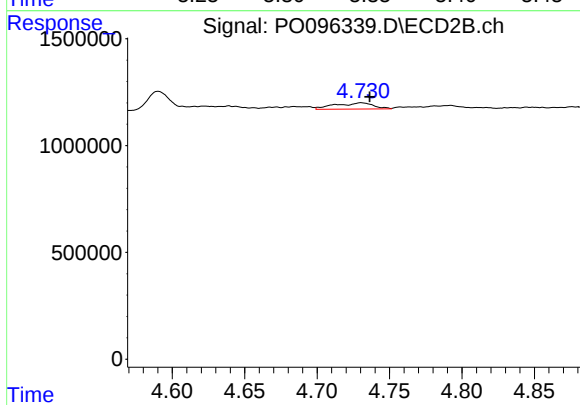
#11 AR-1232-1

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 605006
Conc: 19.43 ng/ml



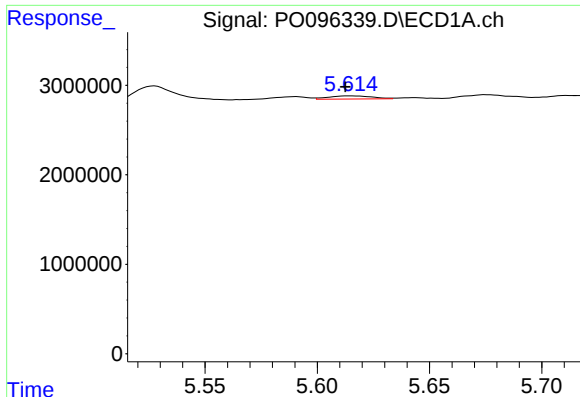
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: 0.019 min
Response: 944342
Conc: 25.46 ng/ml



#12 AR-1232-2

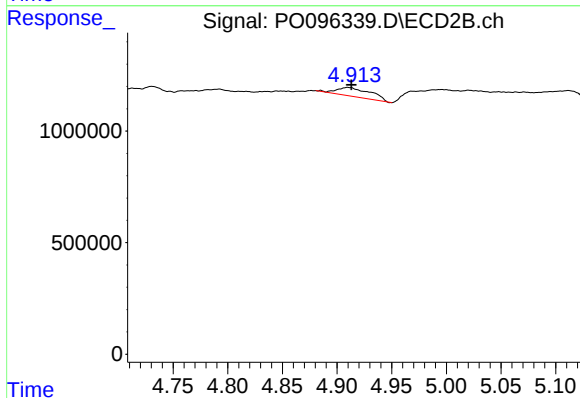
R.T.: 4.731 min
Delta R.T.: -0.006 min
Response: 549499
Conc: 20.68 ng/ml



#13 AR-1232-3

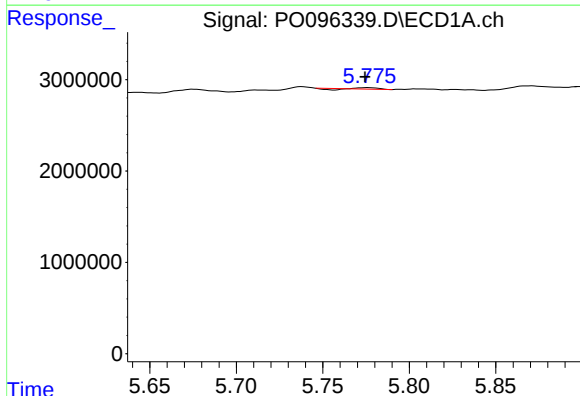
R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 467906
Conc: 8.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



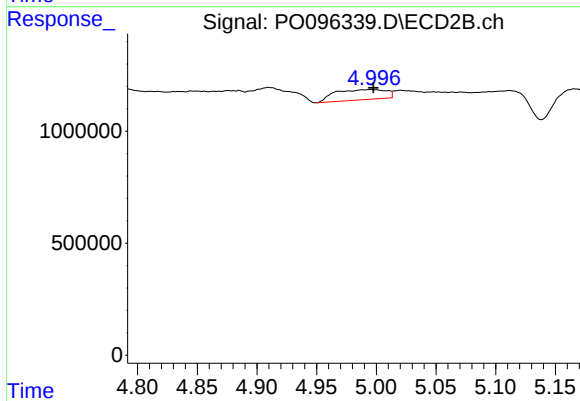
#13 AR-1232-3

R.T.: 4.910 min
Delta R.T.: -0.003 min
Response: 867152
Conc: 61.82 ng/ml



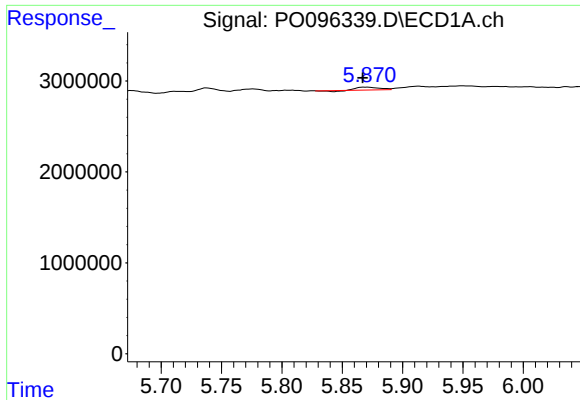
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 38090
Conc: 1.39 ng/ml



#14 AR-1232-4

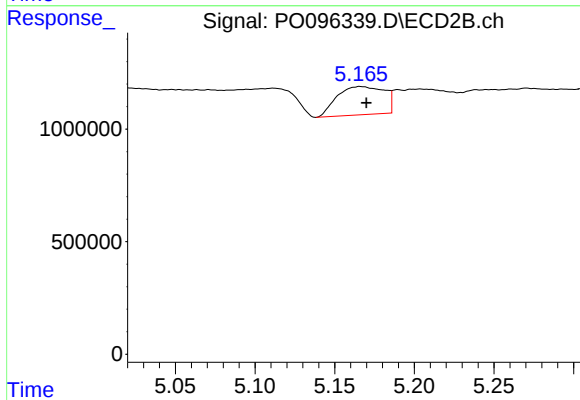
R.T.: 4.995 min
Delta R.T.: -0.003 min
Response: 1361470
Conc: 98.55 ng/ml



#15 AR-1232-5

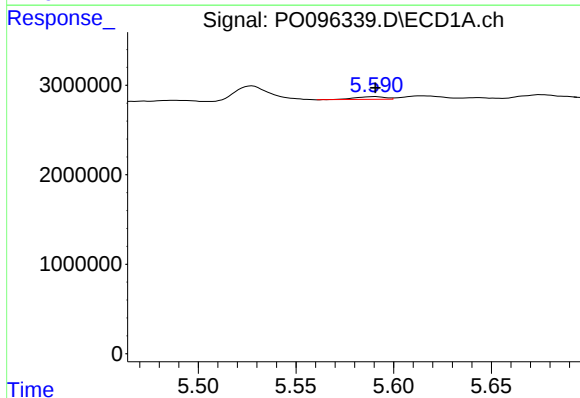
R.T.: 5.870 min
Delta R.T.: 0.003 min
Response: 375118
Conc: 14.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



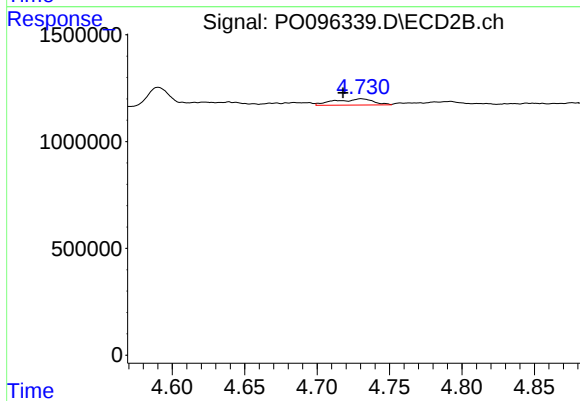
#15 AR-1232-5

R.T.: 5.166 min
Delta R.T.: -0.004 min
Response: 2590161
Conc: 154.62 ng/ml



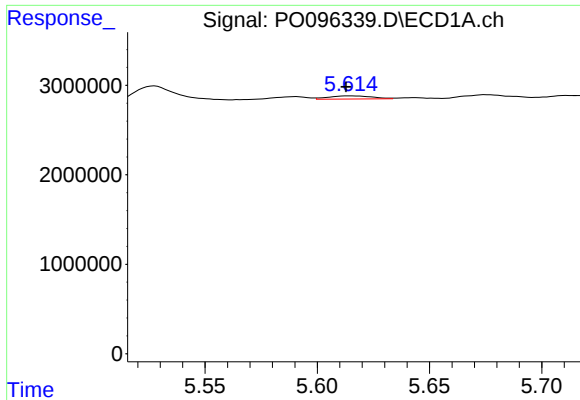
#16 AR-1242-1

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 319903
Conc: 4.25 ng/ml



#16 AR-1242-1

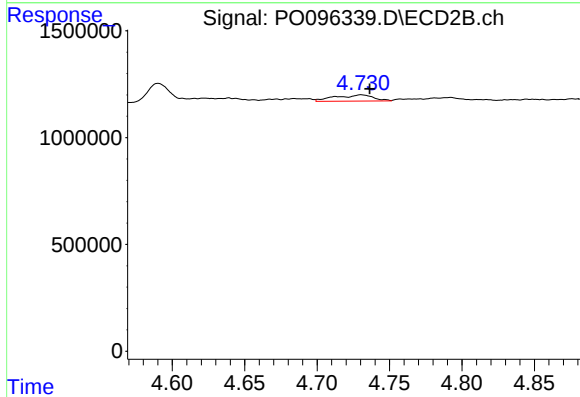
R.T.: 4.731 min
Delta R.T.: 0.013 min
Response: 549499
Conc: 14.90 ng/ml



#17 AR-1242-2

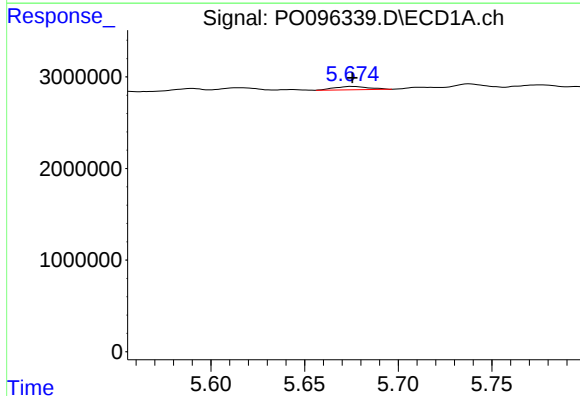
R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 467906
Conc: 4.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



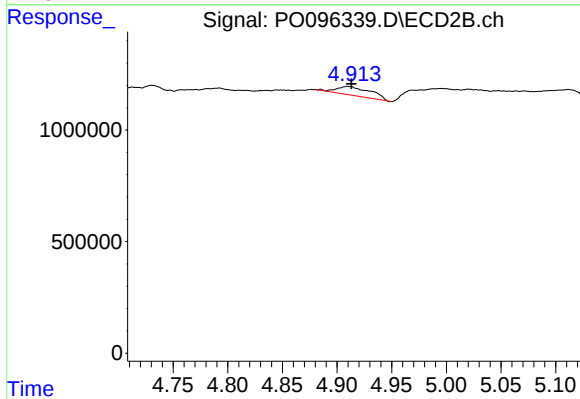
#17 AR-1242-2

R.T.: 4.731 min
Delta R.T.: -0.006 min
Response: 549499
Conc: 10.91 ng/ml



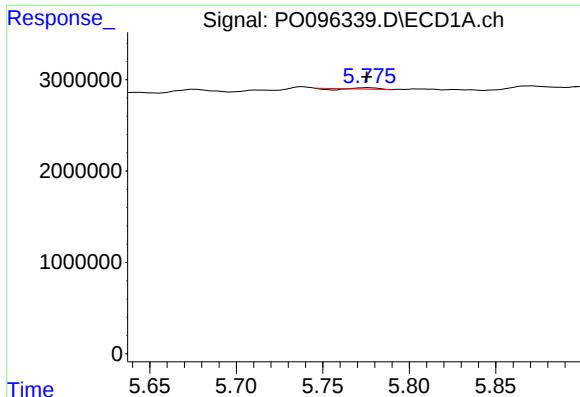
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 461049
Conc: 6.94 ng/ml



#18 AR-1242-3

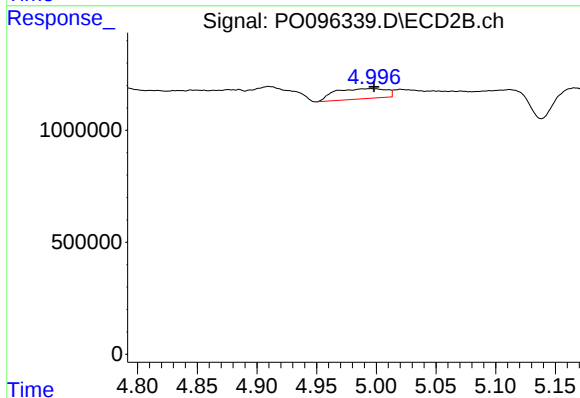
R.T.: 4.910 min
Delta R.T.: -0.003 min
Response: 867152
Conc: 30.92 ng/ml



#19 AR-1242-4

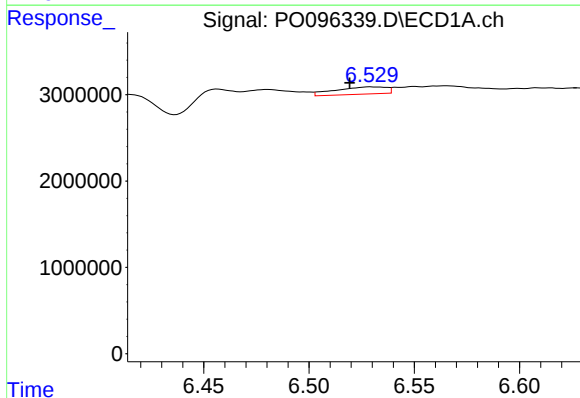
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 38090
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



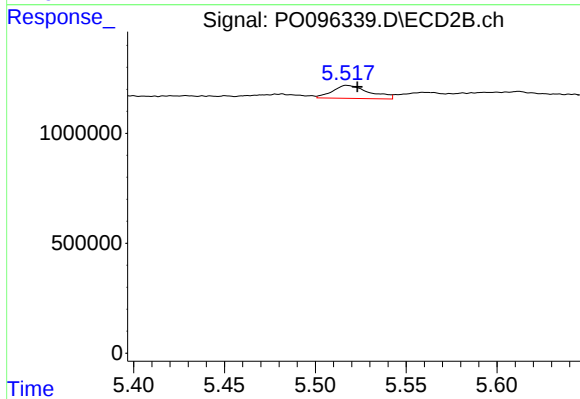
#19 AR-1242-4

R.T.: 4.995 min
Delta R.T.: -0.003 min
Response: 1361470
Conc: 45.57 ng/ml



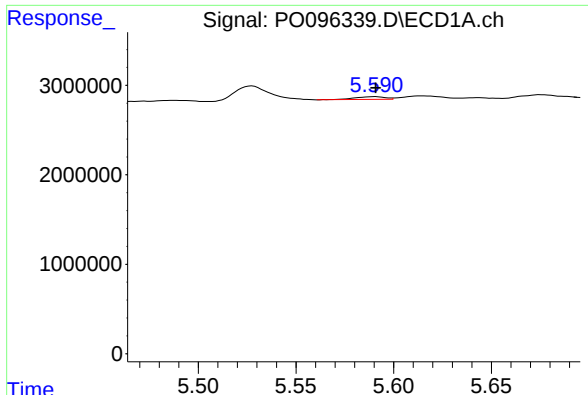
#20 AR-1242-5

R.T.: 6.529 min
Delta R.T.: 0.010 min
Response: 1420840
Conc: 24.81 ng/ml



#20 AR-1242-5

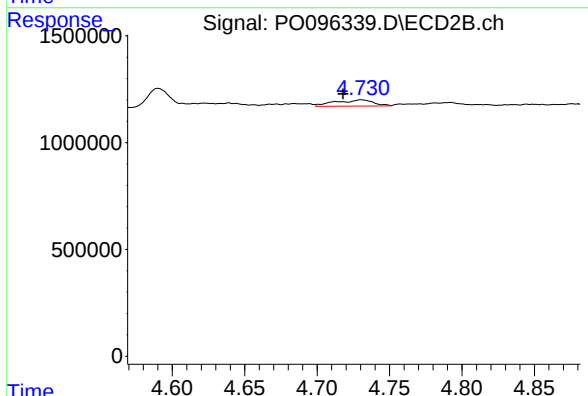
R.T.: 5.518 min
Delta R.T.: -0.005 min
Response: 828731
Conc: 24.15 ng/ml



#21 AR-1248-1

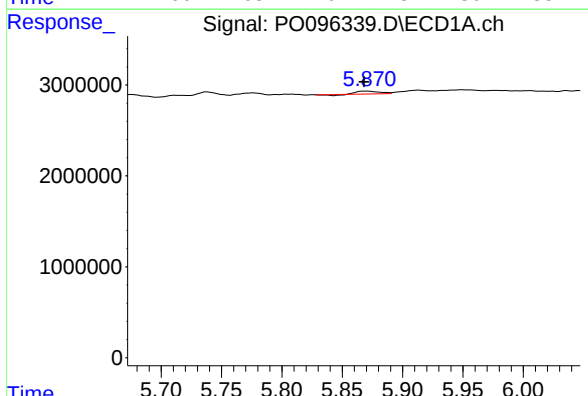
R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 319903
Conc: 5.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



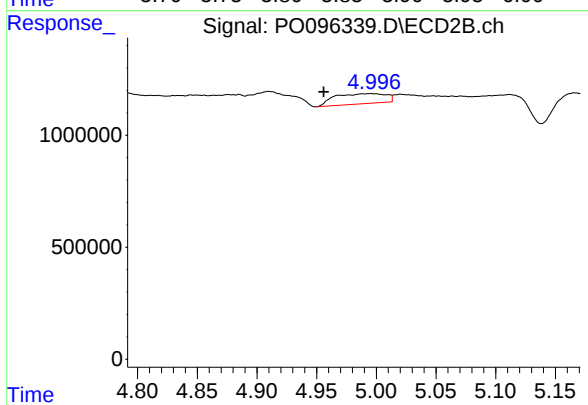
#21 AR-1248-1

R.T.: 4.731 min
Delta R.T.: 0.013 min
Response: 549499
Conc: 20.90 ng/ml



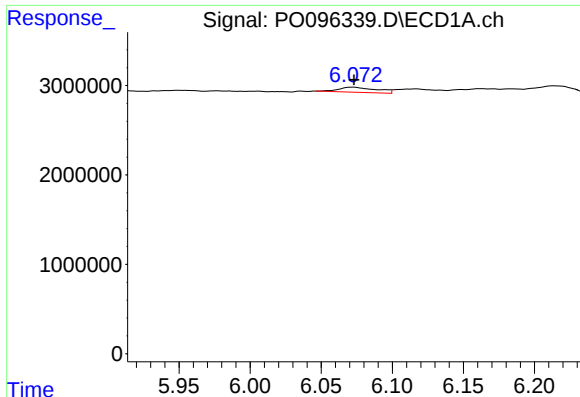
#22 AR-1248-2

R.T.: 5.870 min
Delta R.T.: 0.002 min
Response: 375118
Conc: 4.26 ng/ml



#22 AR-1248-2

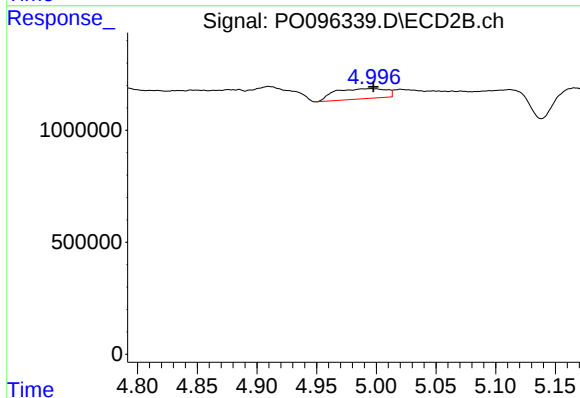
R.T.: 4.995 min
Delta R.T.: 0.039 min
Response: 1361470
Conc: 34.33 ng/ml



#23 AR-1248-3

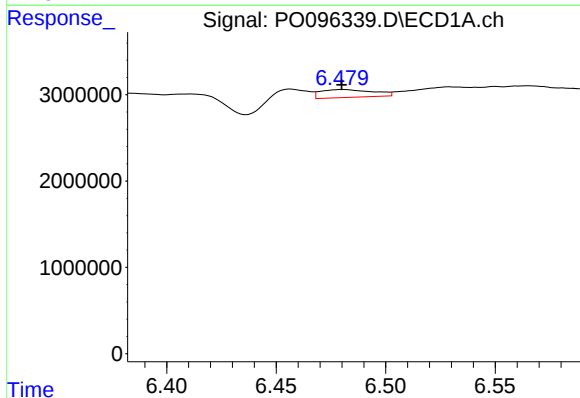
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1056576
Conc: 11.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



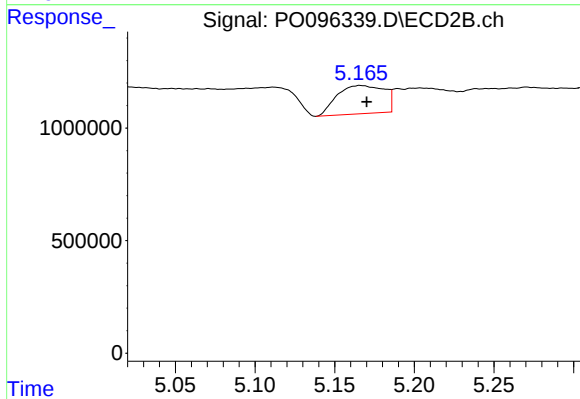
#23 AR-1248-3

R.T.: 4.995 min
Delta R.T.: -0.003 min
Response: 1361470
Conc: 32.57 ng/ml



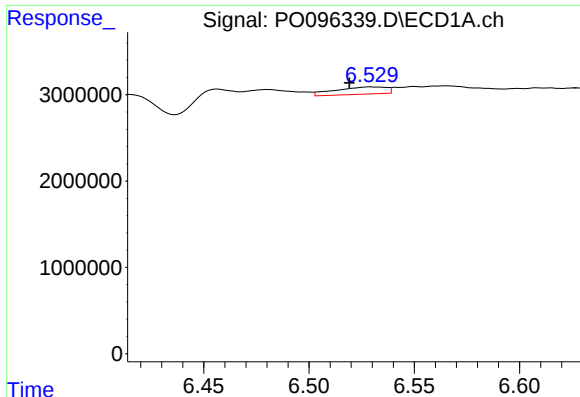
#24 AR-1248-4

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 1531869
Conc: 17.83 ng/ml



#24 AR-1248-4

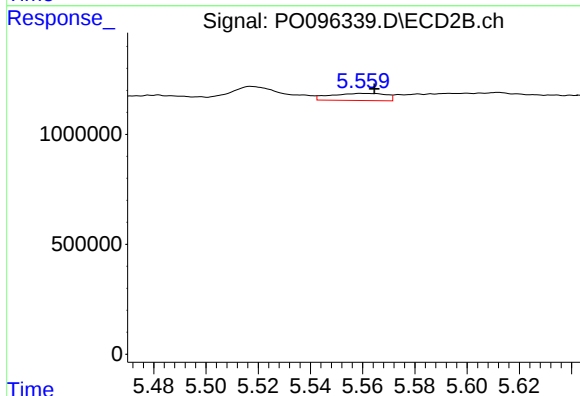
R.T.: 5.166 min
Delta R.T.: -0.004 min
Response: 2590161
Conc: 54.43 ng/ml



#25 AR-1248-5

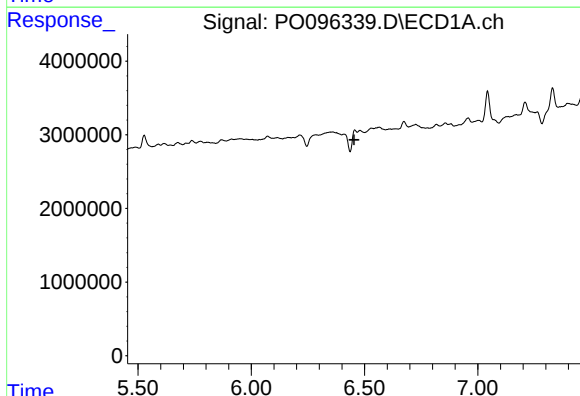
R.T.: 6.529 min
Delta R.T.: 0.010 min
Response: 1420840
Conc: 15.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



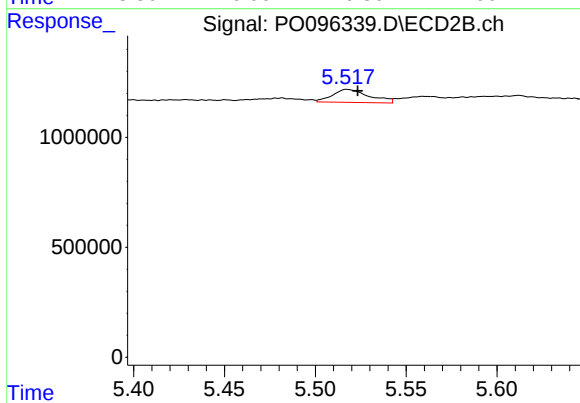
#25 AR-1248-5

R.T.: 5.560 min
Delta R.T.: -0.004 min
Response: 474836
Conc: 10.83 ng/ml



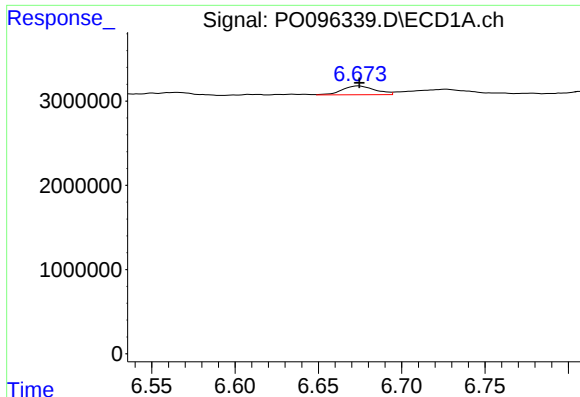
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: 0.003 min
Response: -84522
Conc: N.D.



#26 AR-1254-1

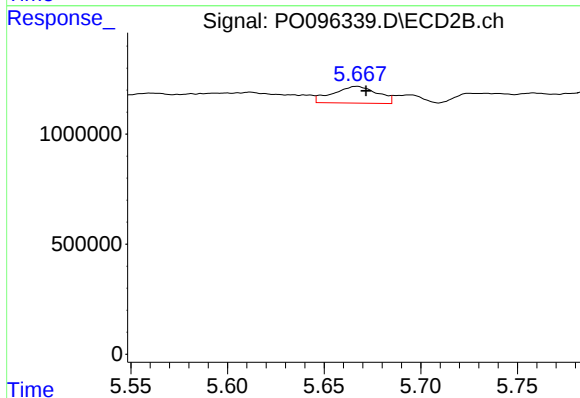
R.T.: 5.518 min
Delta R.T.: -0.006 min
Response: 828731
Conc: 12.04 ng/ml



#27 AR-1254-2

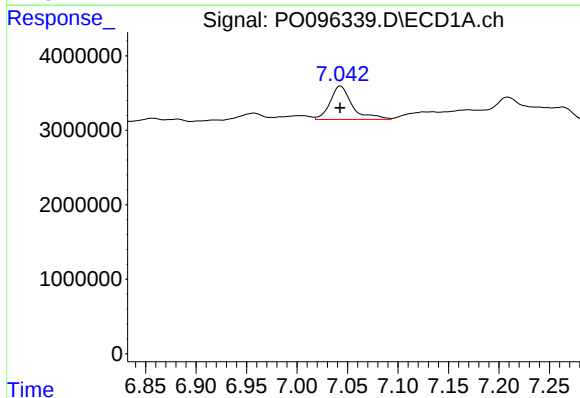
R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 1426189
Conc: 9.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



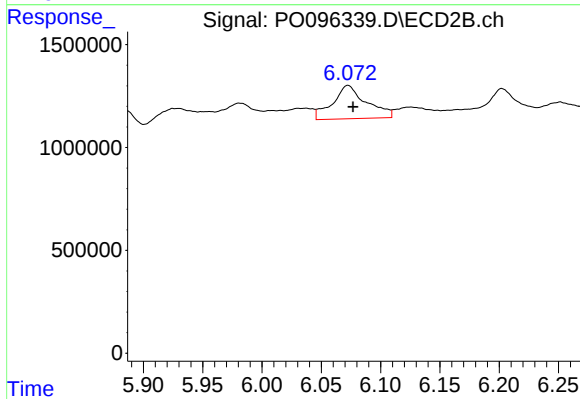
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: -0.005 min
Response: 1220139
Conc: 20.09 ng/ml



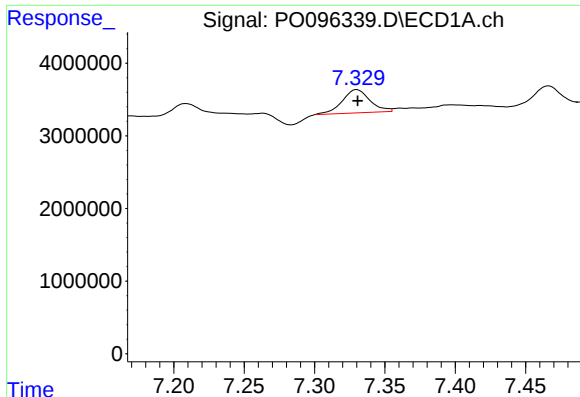
#28 AR-1254-3

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 6836068
Conc: 47.48 ng/ml



#28 AR-1254-3

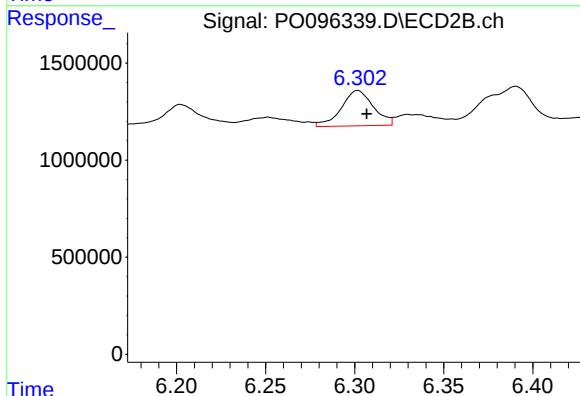
R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 3200899
Conc: 34.33 ng/ml



#29 AR-1254-4

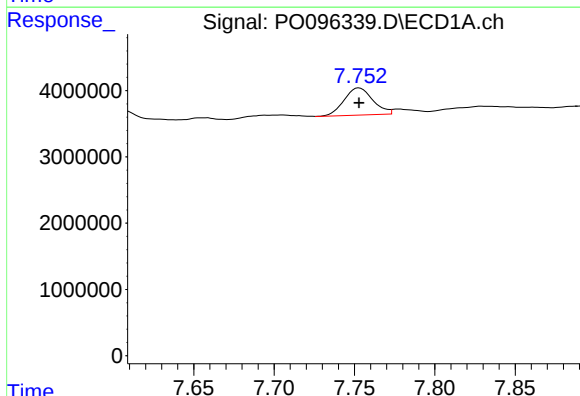
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 4393680
Conc: 47.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



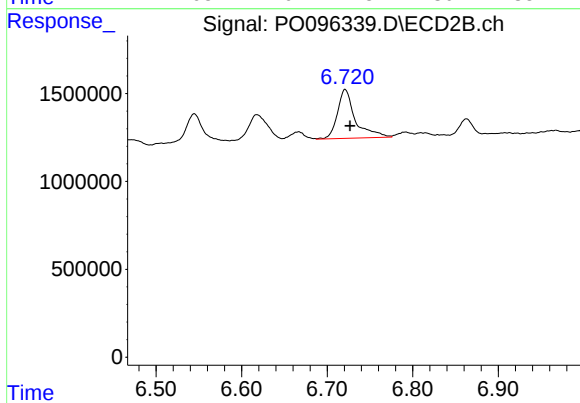
#29 AR-1254-4

R.T.: 6.302 min
Delta R.T.: -0.005 min
Response: 2286932
Conc: 40.93 ng/ml



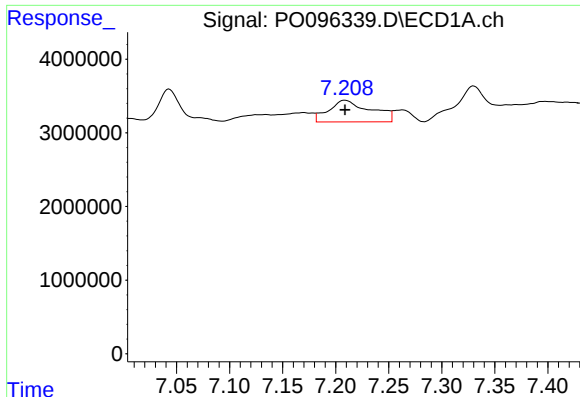
#30 AR-1254-5

R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 5111258
Conc: 49.72 ng/ml



#30 AR-1254-5

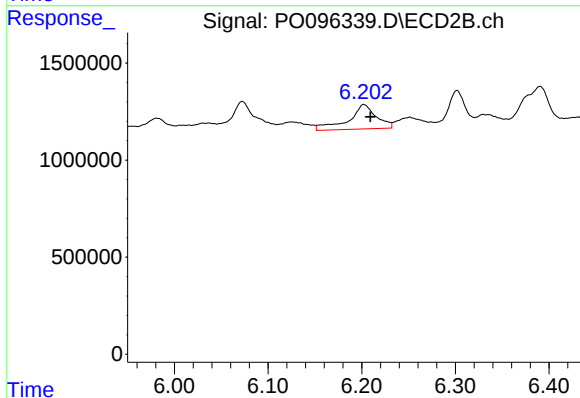
R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 4044837
Conc: 50.79 ng/ml



#31 AR-1260-1

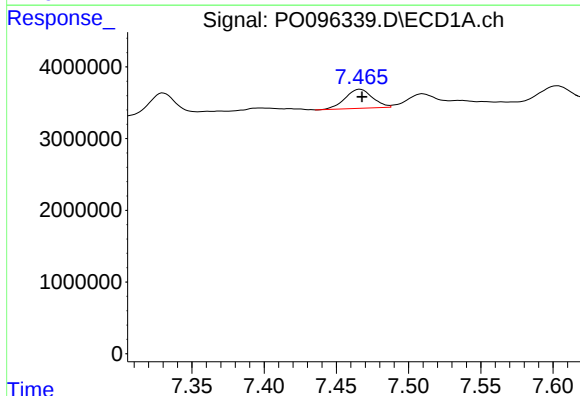
R.T.: 7.209 min
Delta R.T.: 0.000 min
Response: 8047333
Conc: 60.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



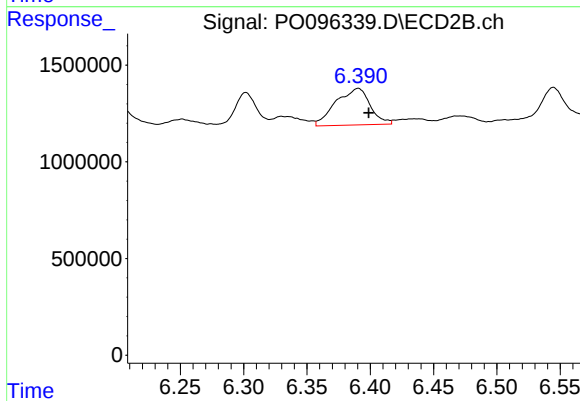
#31 AR-1260-1

R.T.: 6.202 min
Delta R.T.: -0.007 min
Response: 2606366
Conc: 38.74 ng/ml



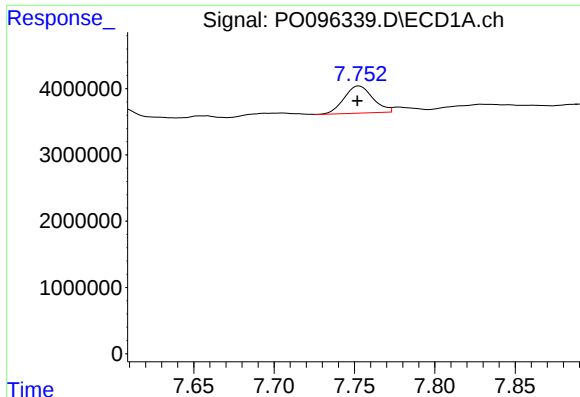
#32 AR-1260-2

R.T.: 7.466 min
Delta R.T.: -0.001 min
Response: 3487155
Conc: 28.38 ng/ml



#32 AR-1260-2

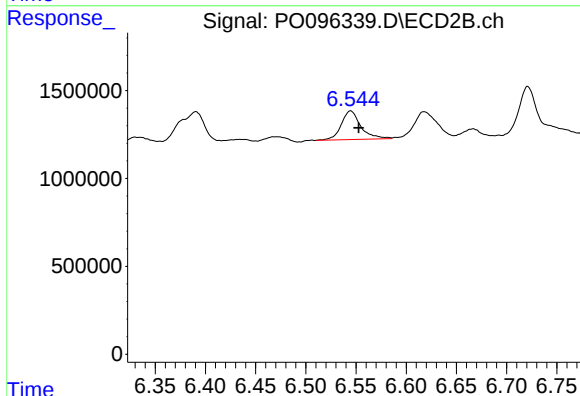
R.T.: 6.390 min
Delta R.T.: -0.008 min
Response: 3576314
Conc: 46.20 ng/ml



#33 AR-1260-3

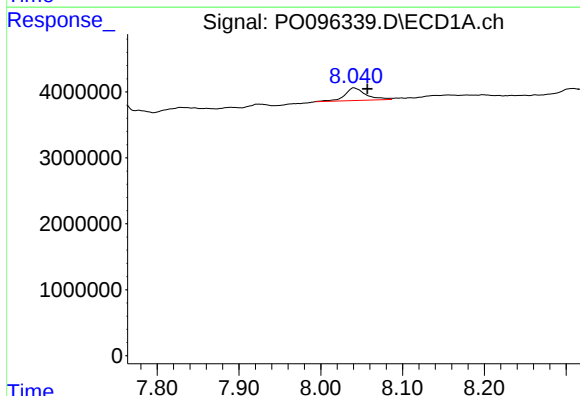
R.T.: 7.753 min
Delta R.T.: 0.001 min
Response: 5111258
Conc: 38.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



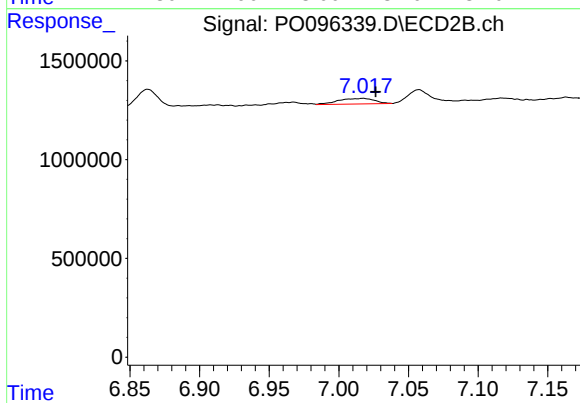
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.008 min
Response: 2205568
Conc: 27.13 ng/ml



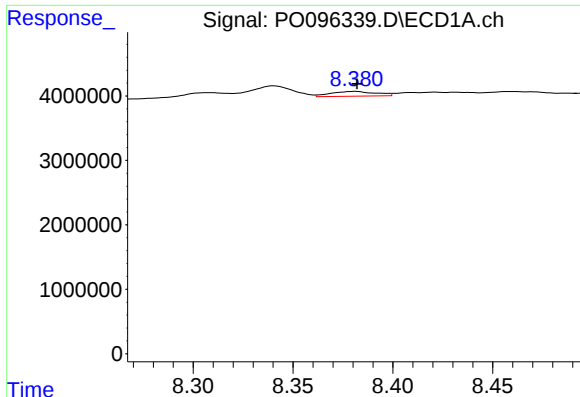
#34 AR-1260-4

R.T.: 8.041 min
Delta R.T.: -0.016 min
Response: 3418882
Conc: 32.31 ng/ml



#34 AR-1260-4

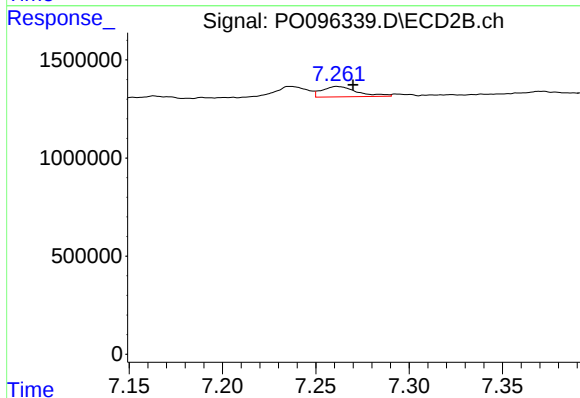
R.T.: 7.017 min
Delta R.T.: -0.009 min
Response: 510242
Conc: 8.51 ng/ml



#35 AR-1260-5

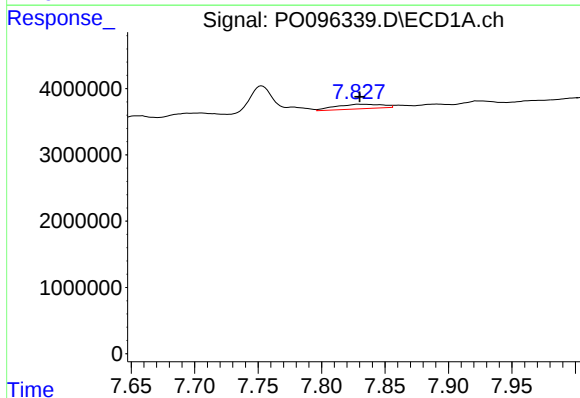
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 1175135
Conc: 6.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



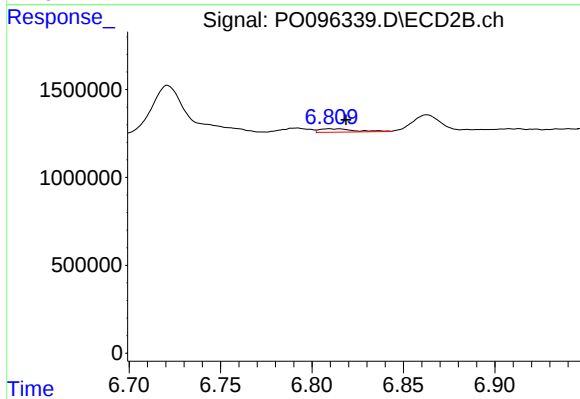
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.008 min
Response: 686321
Conc: 5.25 ng/ml



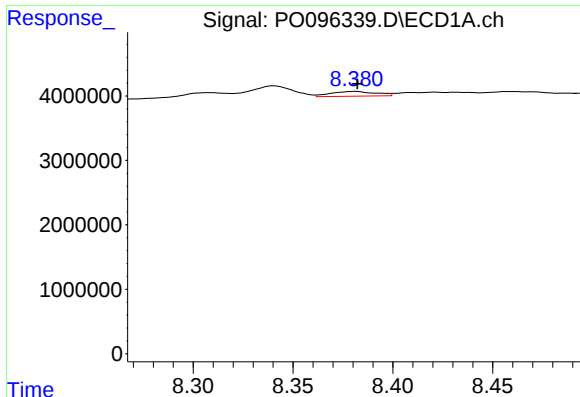
#36 AR-1262-1

R.T.: 7.829 min
Delta R.T.: -0.001 min
Response: 1779420
Conc: 12.52 ng/ml



#36 AR-1262-1

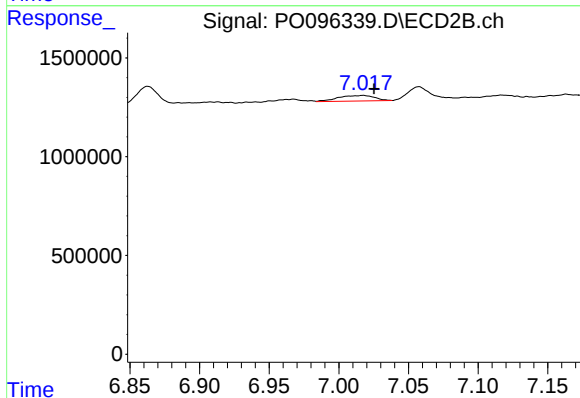
R.T.: 6.815 min
Delta R.T.: -0.004 min
Response: 267323
Conc: 7.44 ng/ml



#37 AR-1262-2

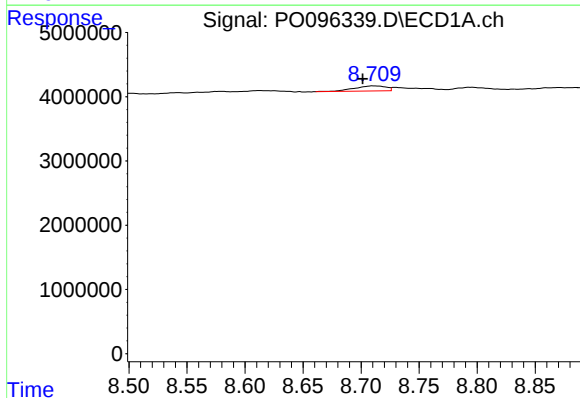
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 1175135
Conc: 5.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



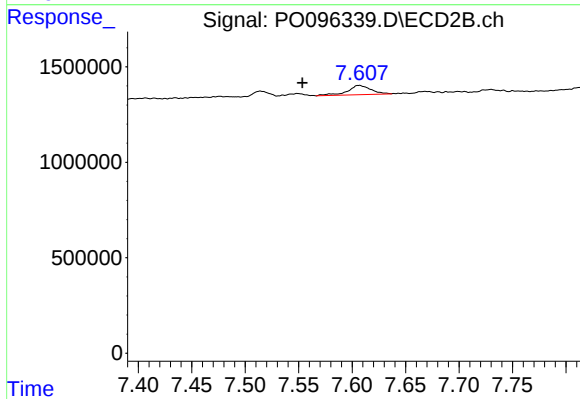
#37 AR-1262-2

R.T.: 7.017 min
Delta R.T.: -0.008 min
Response: 510242
Conc: 6.73 ng/ml



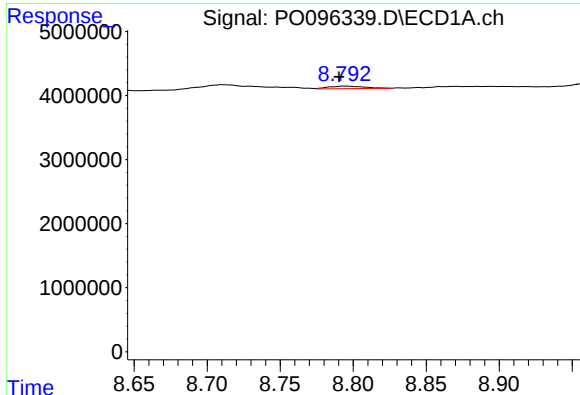
#38 AR-1262-3

R.T.: 8.710 min
Delta R.T.: 0.009 min
Response: 1516860
Conc: 9.70 ng/ml



#38 AR-1262-3

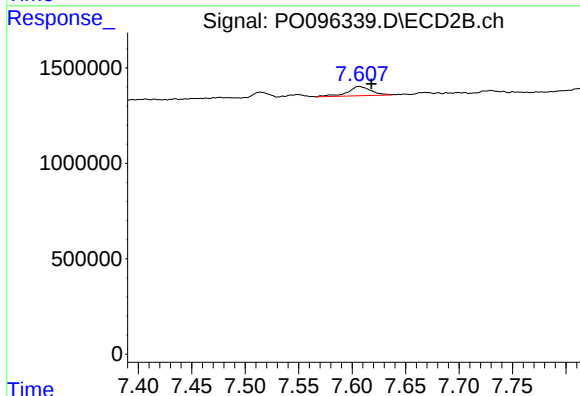
R.T.: 7.606 min
Delta R.T.: 0.053 min
Response: 746874
Conc: 12.82 ng/ml



#39 AR-1262-4

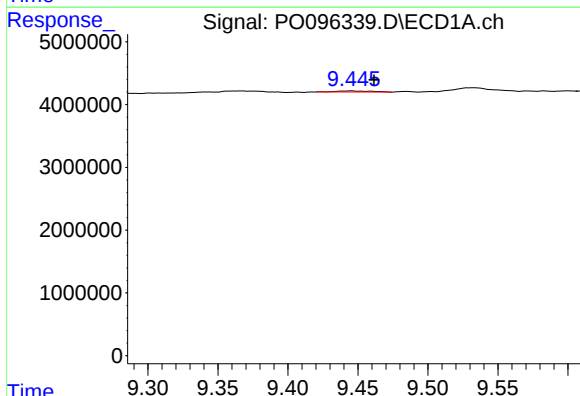
R.T.: 8.794 min
Delta R.T.: 0.004 min
Response: 680184
Conc: 5.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



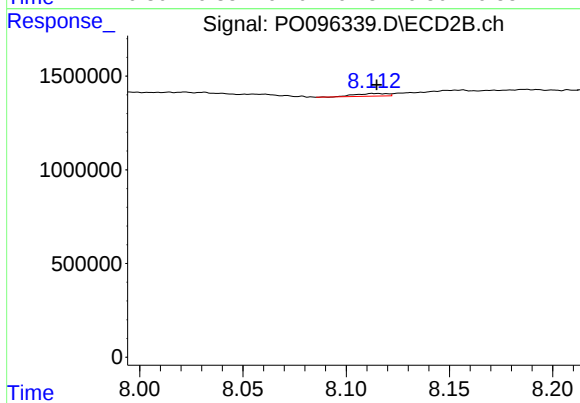
#39 AR-1262-4

R.T.: 7.606 min
Delta R.T.: -0.011 min
Response: 746874
Conc: 7.14 ng/ml



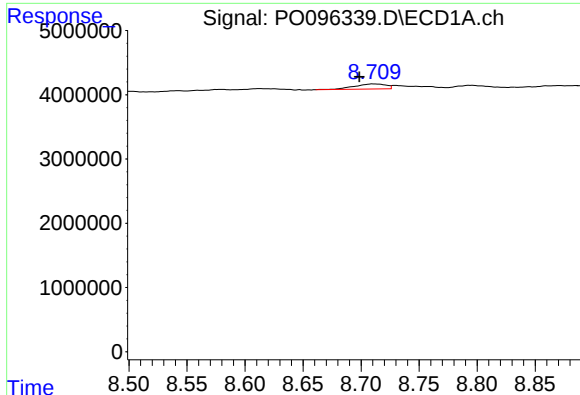
#40 AR-1262-5

R.T.: 9.446 min
Delta R.T.: -0.016 min
Response: 304386
Conc: 3.86 ng/ml



#40 AR-1262-5

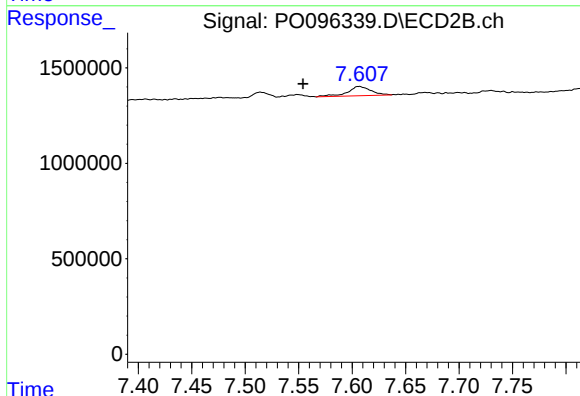
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 157478
Conc: 3.20 ng/ml



#41 AR-1268-1

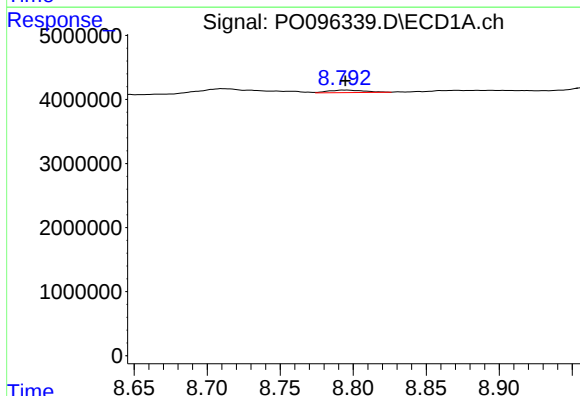
R.T.: 8.710 min
Delta R.T.: 0.012 min
Response: 1516860
Conc: 5.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



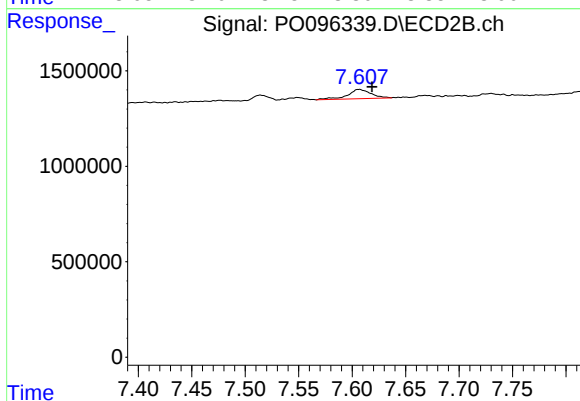
#41 AR-1268-1

R.T.: 7.606 min
Delta R.T.: 0.052 min
Response: 746874
Conc: 4.33 ng/ml



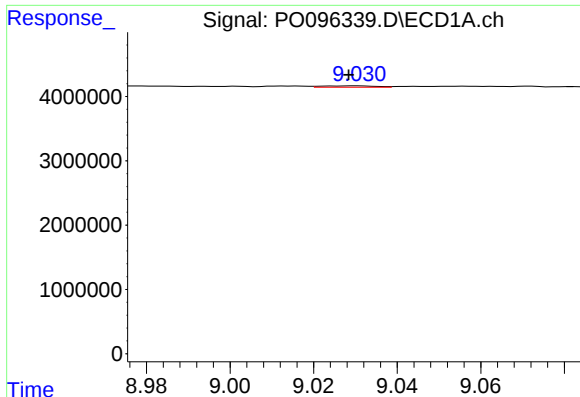
#42 AR-1268-2

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 680184
Conc: 2.54 ng/ml



#42 AR-1268-2

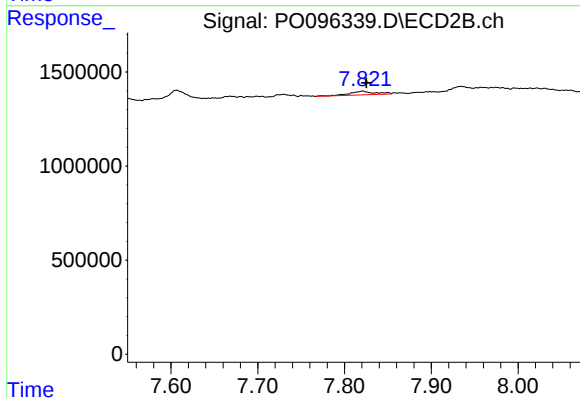
R.T.: 7.606 min
Delta R.T.: -0.012 min
Response: 746874
Conc: 4.82 ng/ml



#43 AR-1268-3

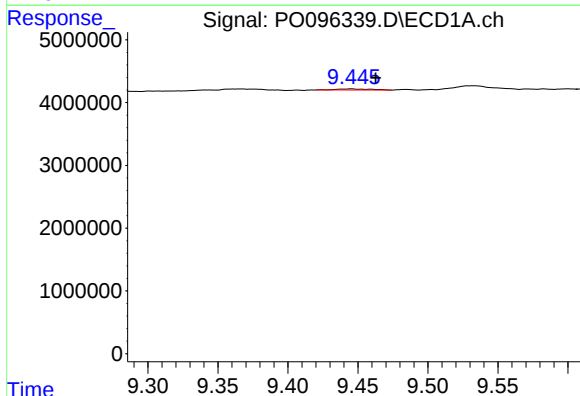
R.T.: 9.031 min
Delta R.T.: 0.002 min
Response: 200252
Conc: 0.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



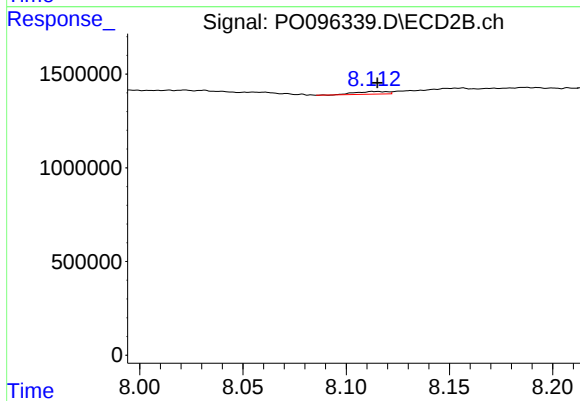
#43 AR-1268-3

R.T.: 7.821 min
Delta R.T.: -0.005 min
Response: 405795
Conc: 2.95 ng/ml



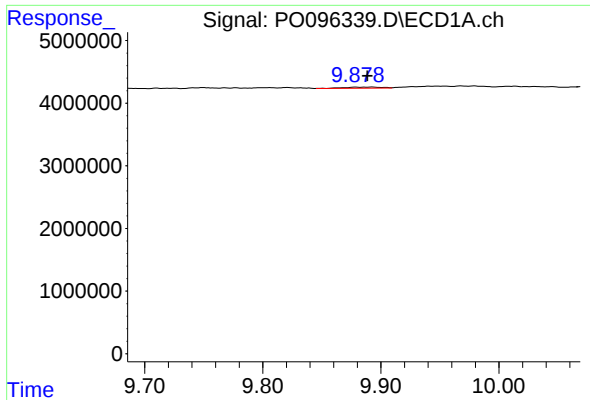
#44 AR-1268-4

R.T.: 9.446 min
Delta R.T.: -0.017 min
Response: 304386
Conc: 3.48 ng/ml



#44 AR-1268-4

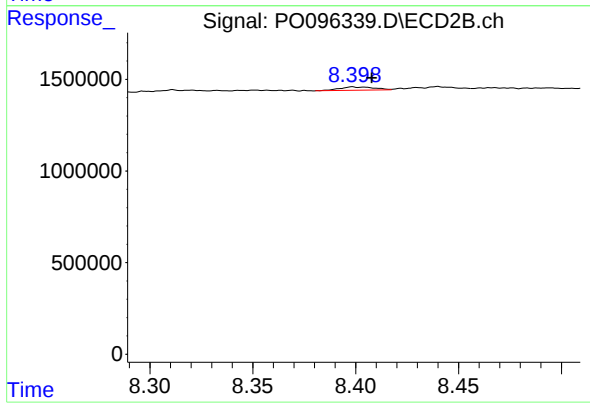
R.T.: 8.114 min
Delta R.T.: -0.001 min
Response: 157478
Conc: 2.83 ng/ml



#45 AR-1268-5

R.T.: 9.893 min
Delta R.T.: 0.005 min
Response: 405602
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: -0.009 min
Response: 211066
Conc: 0.54 ng/ml