

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062623\
 Data File : P0095987.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2023 17:38
 Operator : YP/AJ
 Sample : 03402-05
 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: Jun 26 22:15:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 21 13:08:39 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...	4.419	3.636	67568876	30965628	23.223	22.816
2)	SA Decachlor...	10.247	8.672	51105262	26083072	24.668	21.271
Target Compounds							
3)	L1 AR-1016-1	5.592	4.788f	189550	143268	2.297	3.135 #
4)	L1 AR-1016-2	5.629	4.788f	311997	143268	2.618	2.299
5)	L1 AR-1016-3	5.660	4.928	50732	153588	0.658	4.559 #
6)	L1 AR-1016-4	5.781	4.928	454277	153588	7.580	4.662 #
7)	L1 AR-1016-5	6.083	5.166	187338	165910	3.015	4.553 #
8)	L2 AR-1221-1	4.628	3.858	1312329	1962608	36.692	114.164 #
9)	L2 AR-1221-2	4.728	3.924	752006	2583834	28.273	195.918 #
10)	L2 AR-1221-3	4.759	4.056f	1565933	568238	19.623	14.330 #
11)	L3 AR-1232-1	4.759	4.056f	1565933	568238	26.629	18.901 #
12)	L3 AR-1232-2	5.293	4.788f	1426429	143268	41.008	4.820 #
13)	L3 AR-1232-3	5.629	4.928	311997	153588	5.487	9.616 #
14)	L3 AR-1232-4	5.781	5.013	454277	88628	15.867	5.643 #
15)	L3 AR-1232-5	5.882	5.166	310758	165910	12.512	9.220 #
16)	L4 AR-1242-1	5.592	4.788f	189550	143268	2.868	3.963 #
17)	L4 AR-1242-2	5.629	4.788f	311997	143268	3.272	2.920
18)	L4 AR-1242-3	5.660	4.928	50732	153588	0.800	5.728 #
19)	L4 AR-1242-4	5.781	5.013	454277	88628	9.283	2.998 #
20)	L4 AR-1242-5	6.542	5.530	613866	447356	12.415	12.601
21)	L5 AR-1248-1	5.592	4.788f	189550	143268	3.745	5.282 #
22)	L5 AR-1248-2	5.882	4.928	310758	153588	3.774	3.841
23)	L5 AR-1248-3	6.083	5.013	187338	88628	2.176	2.060
24)	L5 AR-1248-4	6.463	5.166	152435	165910	1.834	3.190 #
25)	L5 AR-1248-5	6.542	5.591	613866	924486	7.303	18.428 #
26)	L6 AR-1254-1	6.463	5.530	152435	447356	1.601	6.040 #
27)	L6 AR-1254-2	6.683	5.678	371326	405302	2.674	5.939 #
28)	L6 AR-1254-3	7.050	6.091	476749	535000	3.529	5.373 #
29)	L6 AR-1254-4	7.327	6.316	4604096	122535	51.346	2.076 #
30)	L6 AR-1254-5	7.760	6.735	727925	553627	7.076	6.209
31)	L7 AR-1260-1	7.218	6.218	-248152	406655	N.D.	5.666 #
32)	L7 AR-1260-2	7.475	6.407	331835	451583	2.733	5.421 #
33)	L7 AR-1260-3	7.760	6.559	727925	409864	5.251	5.321
34)	L7 AR-1260-4	8.069	7.032	2521098	492072	26.368	8.627 #
35)	L7 AR-1260-5	8.390	7.275	639346	548892	3.830	4.276
36)	L8 AR-1262-1	7.841	6.821	1260140	804626	9.388	21.036 #
37)	L8 AR-1262-2	8.390	7.032	639346	492072	3.086	6.241 #
38)	L8 AR-1262-3	8.708	7.561	2040516	1183066	13.481	19.090 #
39)	L8 AR-1262-4	8.801	7.625	1469546	1041848	12.184	9.586
40)	L8 AR-1262-5	9.467	8.123	775338	412084	10.263	8.113
41)	L9 AR-1268-1	8.708	7.561	2040516	1183066	7.462	6.692

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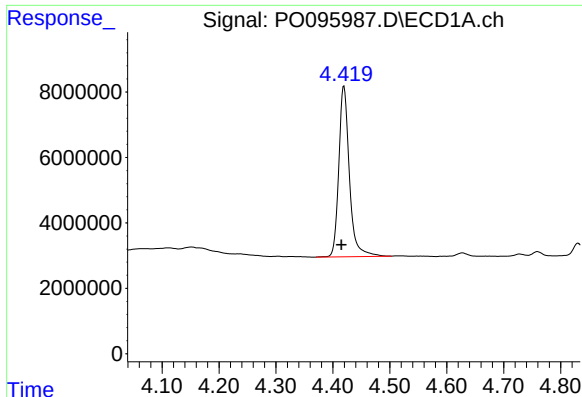
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 22:15:18 2023
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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	8.801	7.625	1469546	1041848	5.954	6.653
43) L9	AR-1268-3	9.035	7.834	1158361	789609	5.097	5.666
44) L9	AR-1268-4	9.467	8.123	775338	412084	9.370	7.419
45) L9	AR-1268-5	9.898	8.416	3427749	2073050	4.599	4.955

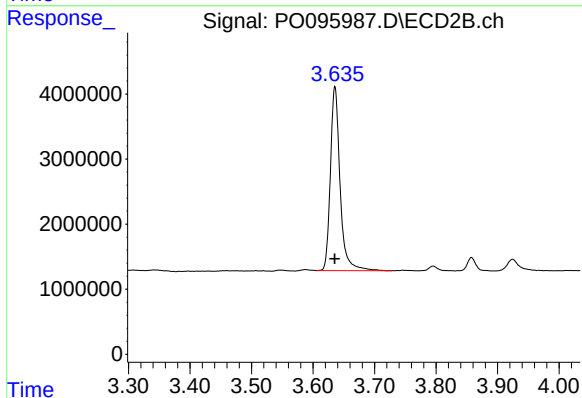
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

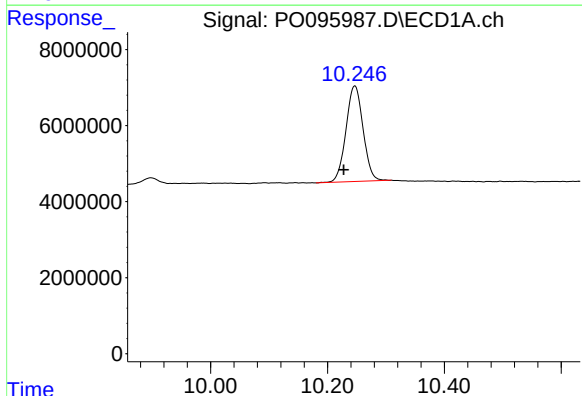
R.T.: 4.419 min
Delta R.T.: 0.004 min
Response: 67568876
Conc: 23.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



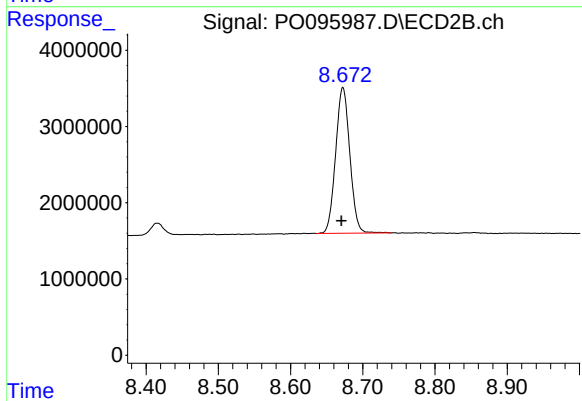
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: 0.000 min
Response: 30965628
Conc: 22.82 ng/ml



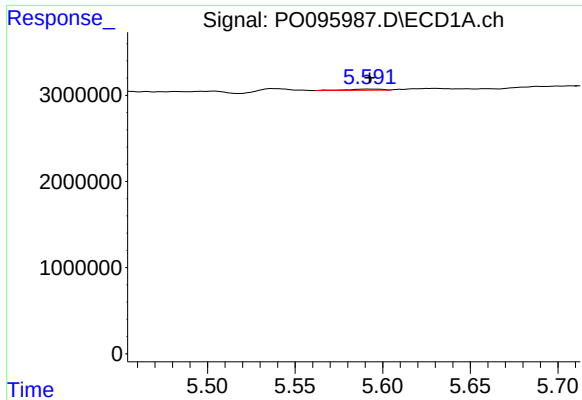
#2 Decachlorobiphenyl

R.T.: 10.247 min
Delta R.T.: 0.019 min
Response: 51105262
Conc: 24.67 ng/ml



#2 Decachlorobiphenyl

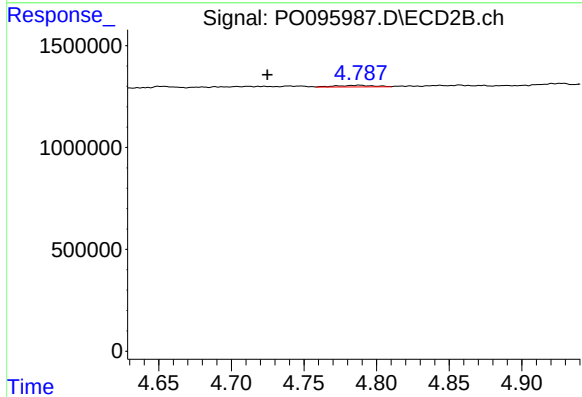
R.T.: 8.672 min
Delta R.T.: 0.002 min
Response: 26083072
Conc: 21.27 ng/ml



#3 AR-1016-1

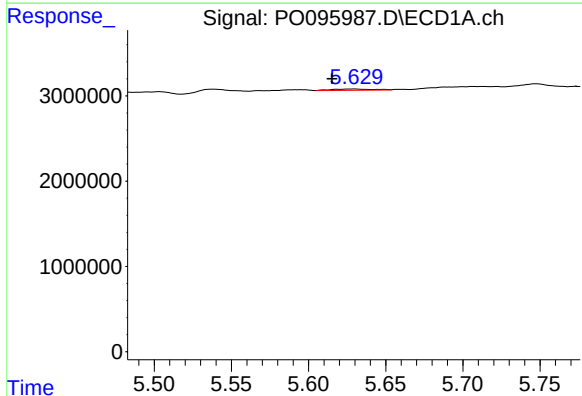
R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 189550
Conc: 2.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



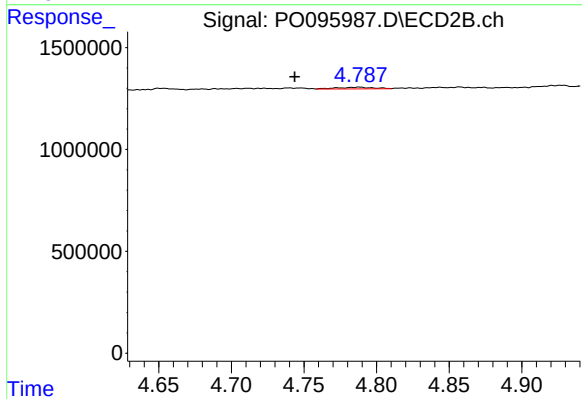
#3 AR-1016-1

R.T.: 4.788 min
Delta R.T.: 0.064 min
Response: 143268
Conc: 3.13 ng/ml



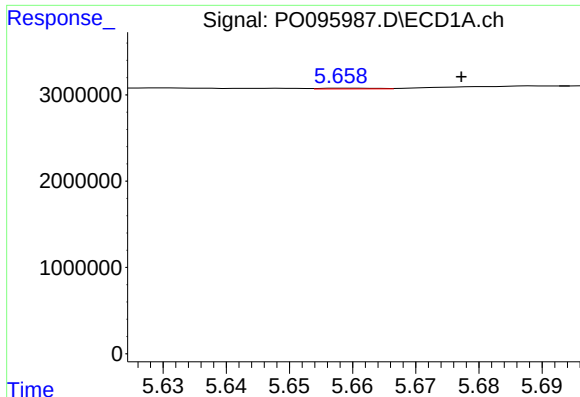
#4 AR-1016-2

R.T.: 5.629 min
Delta R.T.: 0.014 min
Response: 311997
Conc: 2.62 ng/ml



#4 AR-1016-2

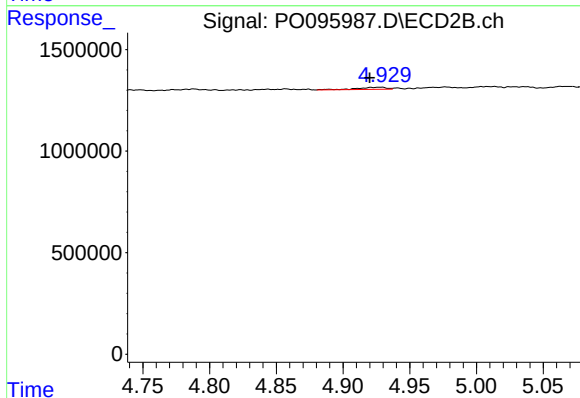
R.T.: 4.788 min
Delta R.T.: 0.045 min
Response: 143268
Conc: 2.30 ng/ml



#5 AR-1016-3

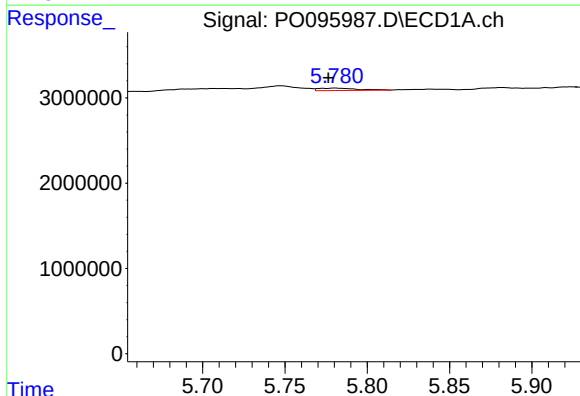
R.T.: 5.660 min
Delta R.T.: -0.017 min
Response: 50732
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



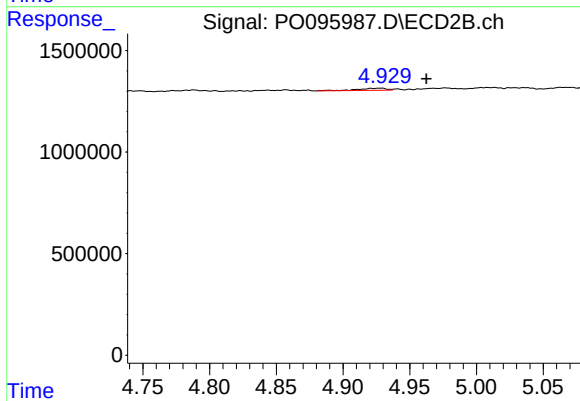
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: 0.008 min
Response: 153588
Conc: 4.56 ng/ml



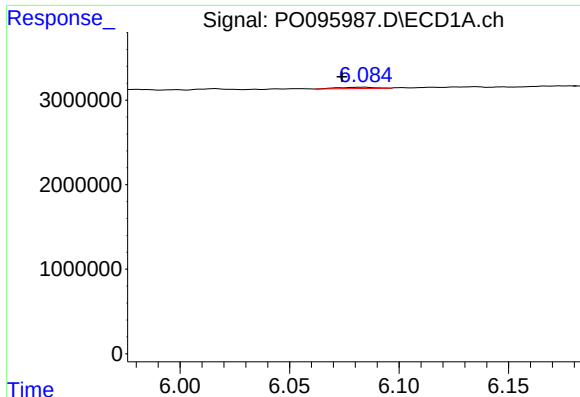
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 454277
Conc: 7.58 ng/ml



#6 AR-1016-4

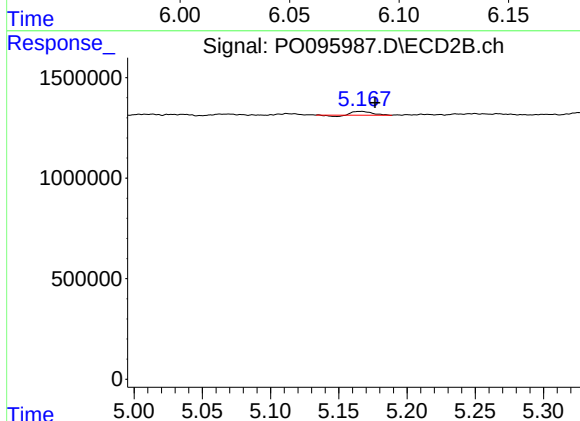
R.T.: 4.928 min
Delta R.T.: -0.035 min
Response: 153588
Conc: 4.66 ng/ml



#7 AR-1016-5

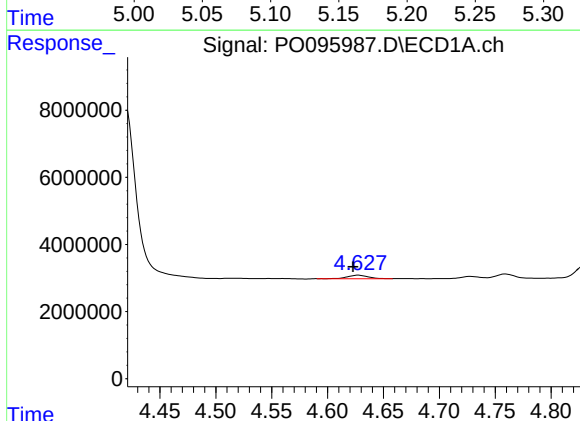
R.T.: 6.083 min
Delta R.T.: 0.009 min
Response: 187338
Conc: 3.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



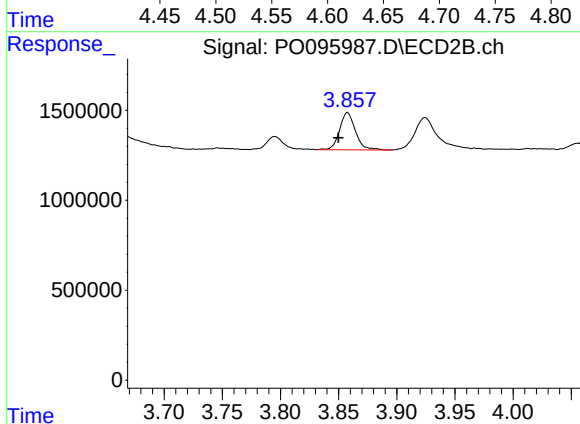
#7 AR-1016-5

R.T.: 5.166 min
Delta R.T.: -0.010 min
Response: 165910
Conc: 4.55 ng/ml



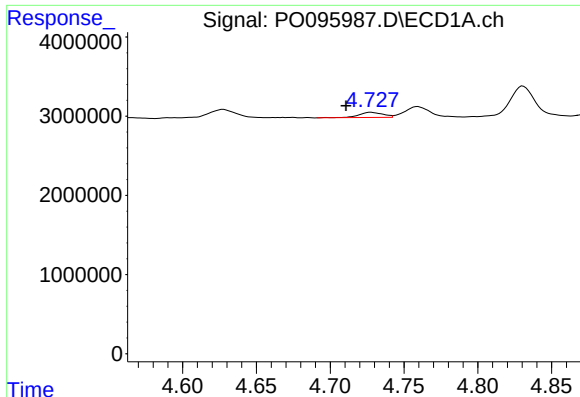
#8 AR-1221-1

R.T.: 4.628 min
Delta R.T.: 0.004 min
Response: 1312329
Conc: 36.69 ng/ml



#8 AR-1221-1

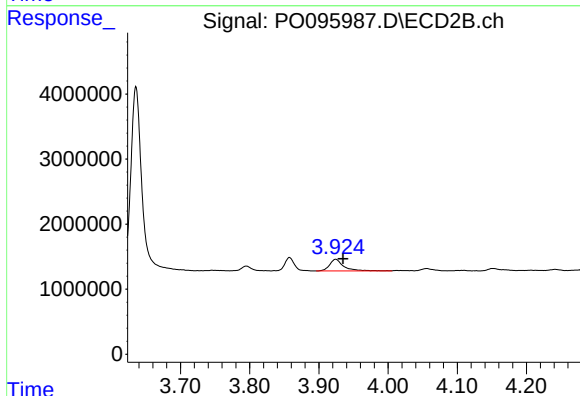
R.T.: 3.858 min
Delta R.T.: 0.008 min
Response: 1962608
Conc: 114.16 ng/ml



#9 AR-1221-2

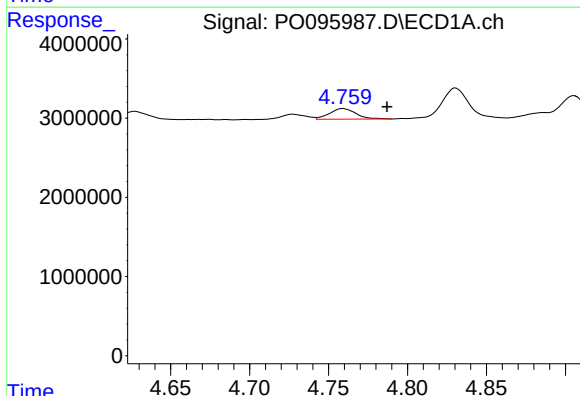
R.T.: 4.728 min
Delta R.T.: 0.017 min
Response: 752006
Conc: 28.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



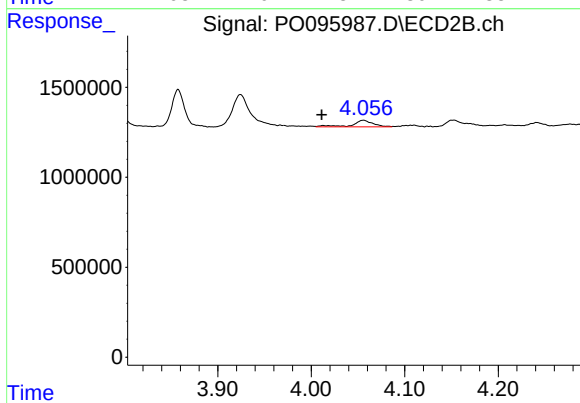
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: -0.011 min
Response: 2583834
Conc: 195.92 ng/ml



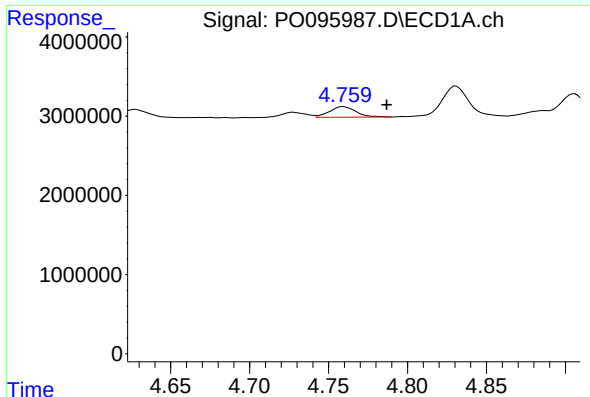
#10 AR-1221-3

R.T.: 4.759 min
Delta R.T.: -0.028 min
Response: 1565933
Conc: 19.62 ng/ml



#10 AR-1221-3

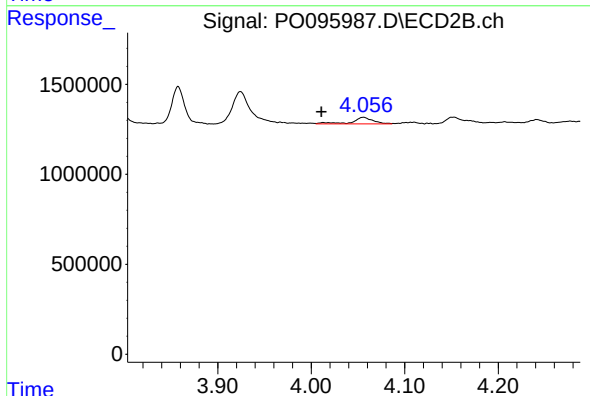
R.T.: 4.056 min
Delta R.T.: 0.045 min
Response: 568238
Conc: 14.33 ng/ml



#11 AR-1232-1

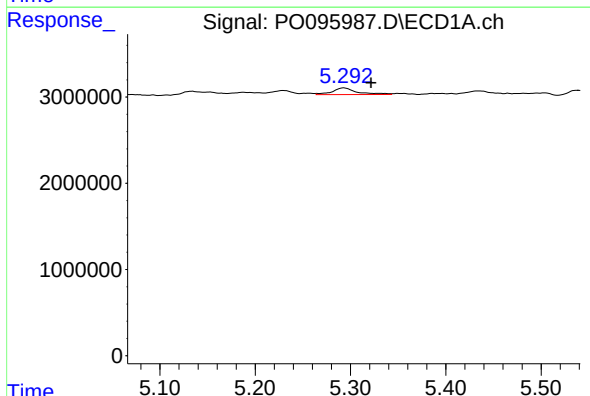
R.T.: 4.759 min
Delta R.T.: -0.028 min
Response: 1565933
Conc: 26.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



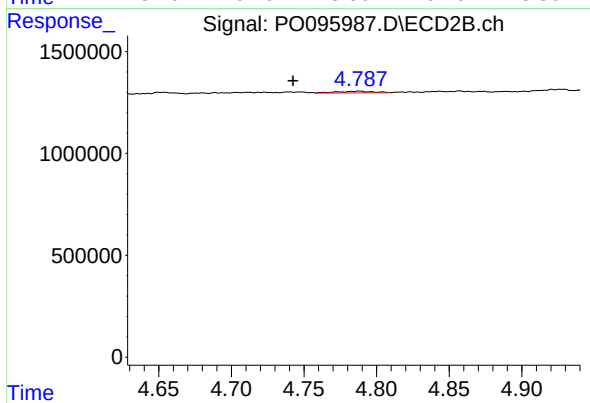
#11 AR-1232-1

R.T.: 4.056 min
Delta R.T.: 0.045 min
Response: 568238
Conc: 18.90 ng/ml



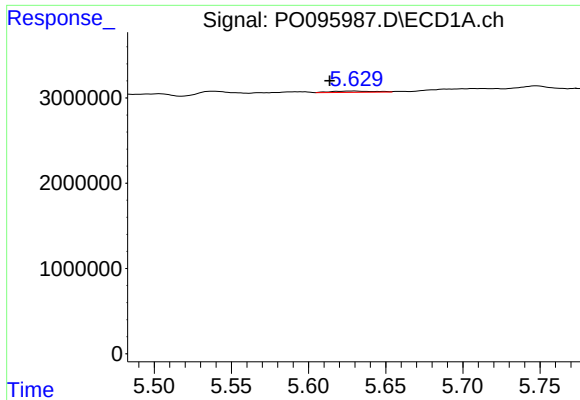
#12 AR-1232-2

R.T.: 5.293 min
Delta R.T.: -0.029 min
Response: 1426429
Conc: 41.01 ng/ml



#12 AR-1232-2

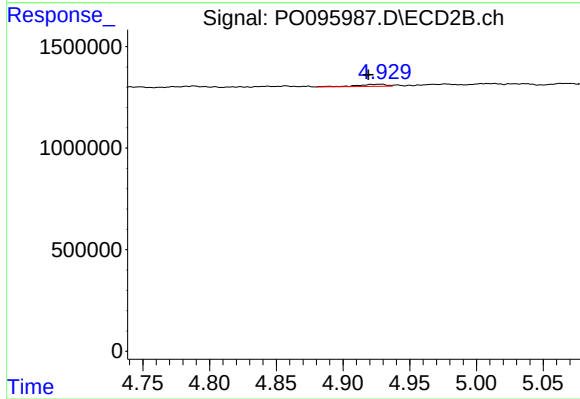
R.T.: 4.788 min
Delta R.T.: 0.046 min
Response: 143268
Conc: 4.82 ng/ml



#13 AR-1232-3

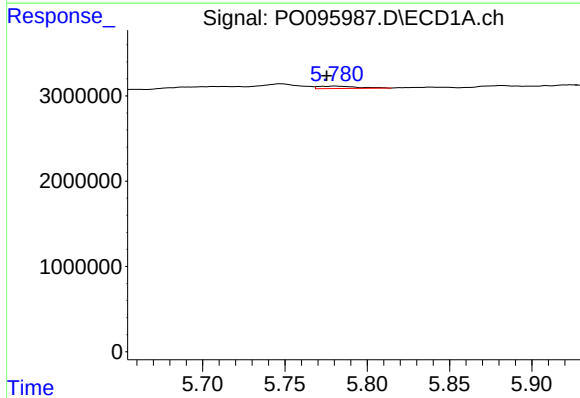
R.T.: 5.629 min
Delta R.T.: 0.015 min
Response: 311997
Conc: 5.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



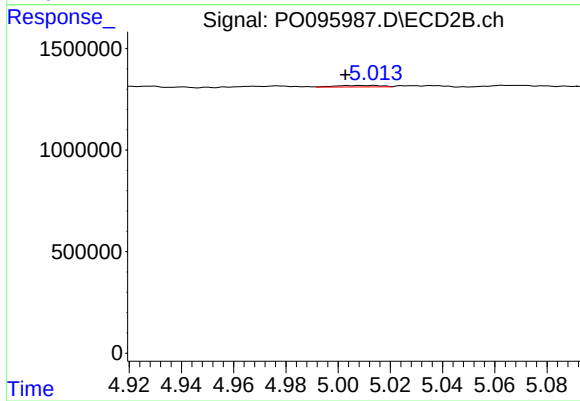
#13 AR-1232-3

R.T.: 4.928 min
Delta R.T.: 0.009 min
Response: 153588
Conc: 9.62 ng/ml



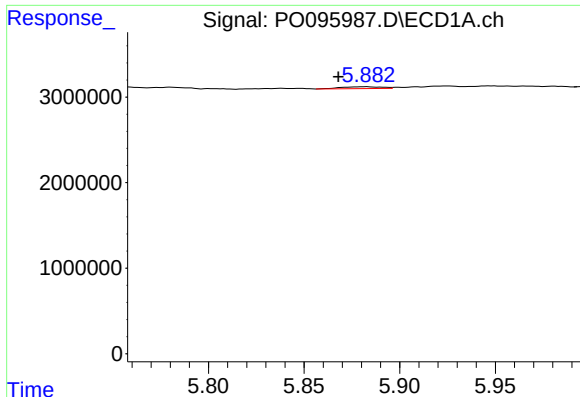
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 454277
Conc: 15.87 ng/ml



#14 AR-1232-4

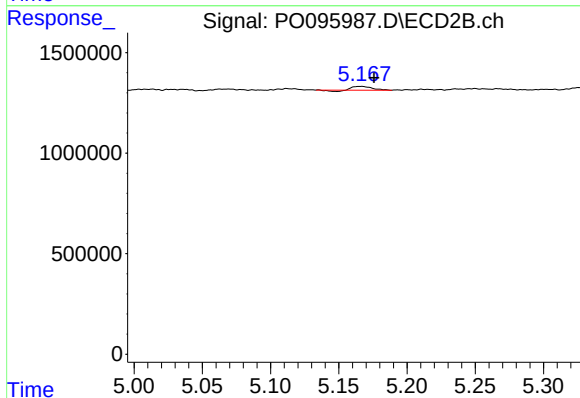
R.T.: 5.013 min
Delta R.T.: 0.010 min
Response: 88628
Conc: 5.64 ng/ml



#15 AR-1232-5

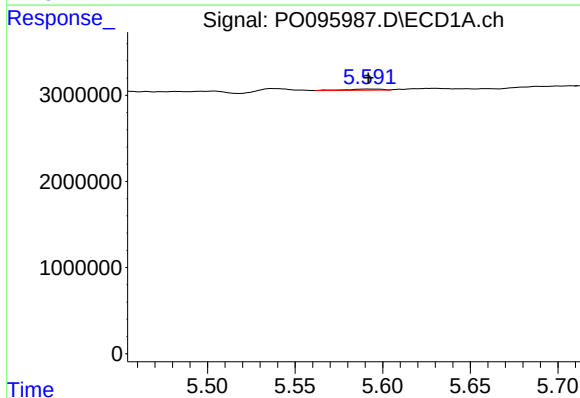
R.T.: 5.882 min
Delta R.T.: 0.014 min
Response: 310758
Conc: 12.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



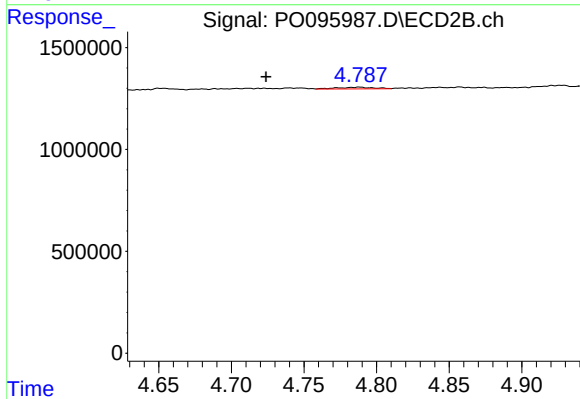
#15 AR-1232-5

R.T.: 5.166 min
Delta R.T.: -0.010 min
Response: 165910
Conc: 9.22 ng/ml



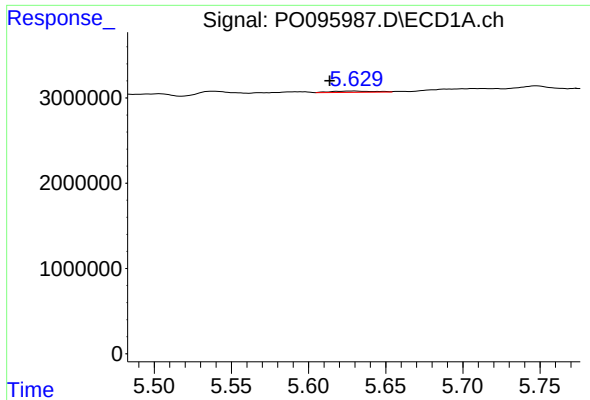
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 189550
Conc: 2.87 ng/ml



#16 AR-1242-1

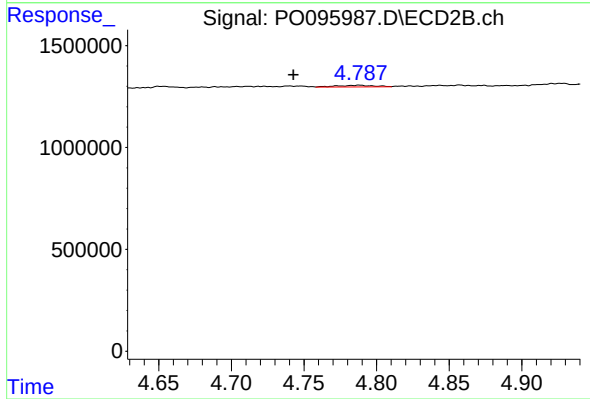
R.T.: 4.788 min
Delta R.T.: 0.064 min
Response: 143268
Conc: 3.96 ng/ml



#17 AR-1242-2

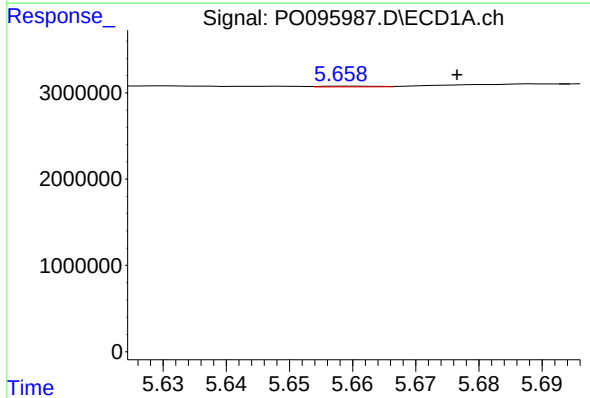
R.T.: 5.629 min
Delta R.T.: 0.015 min
Response: 311997
Conc: 3.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



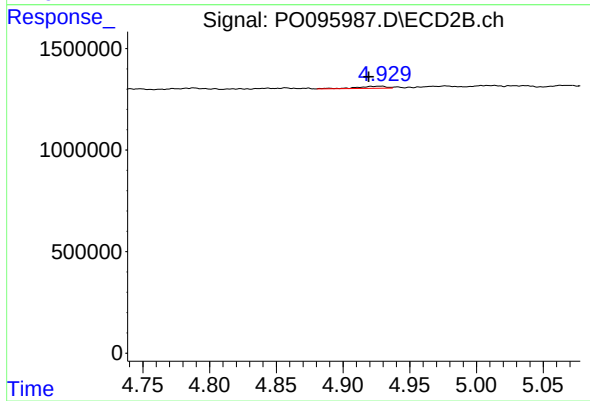
#17 AR-1242-2

R.T.: 4.788 min
Delta R.T.: 0.046 min
Response: 143268
Conc: 2.92 ng/ml



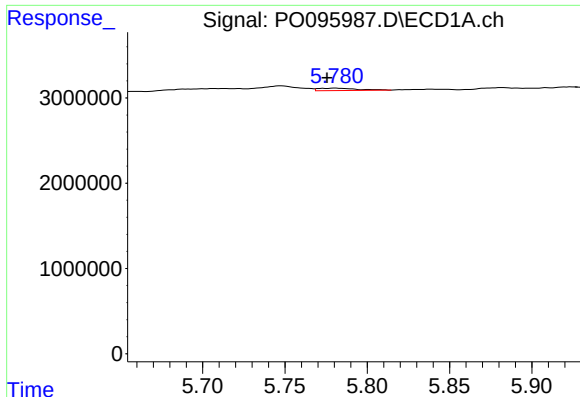
#18 AR-1242-3

R.T.: 5.660 min
Delta R.T.: -0.016 min
Response: 50732
Conc: 0.80 ng/ml



#18 AR-1242-3

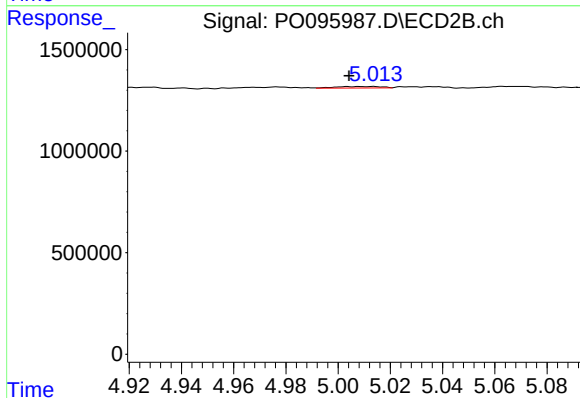
R.T.: 4.928 min
Delta R.T.: 0.009 min
Response: 153588
Conc: 5.73 ng/ml



#19 AR-1242-4

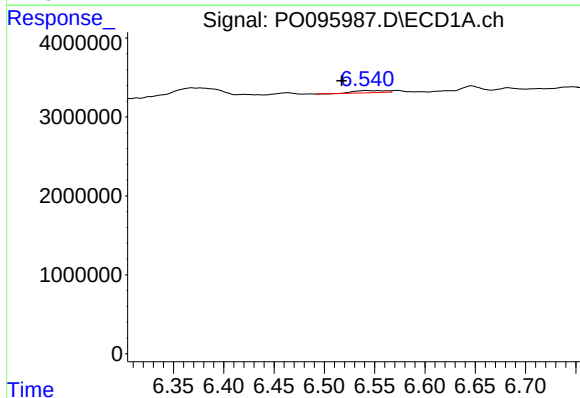
R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 454277
Conc: 9.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



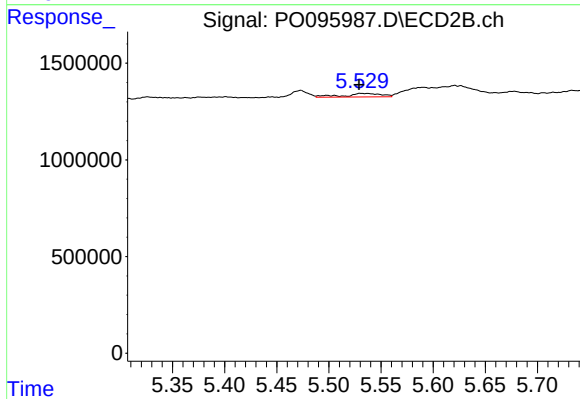
#19 AR-1242-4

R.T.: 5.013 min
Delta R.T.: 0.009 min
Response: 88628
Conc: 3.00 ng/ml



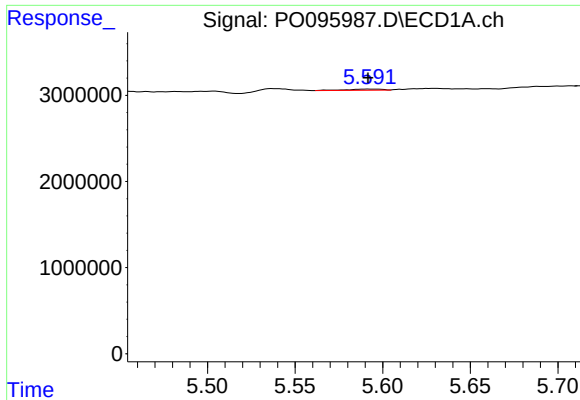
#20 AR-1242-5

R.T.: 6.542 min
Delta R.T.: 0.024 min
Response: 613866
Conc: 12.41 ng/ml



#20 AR-1242-5

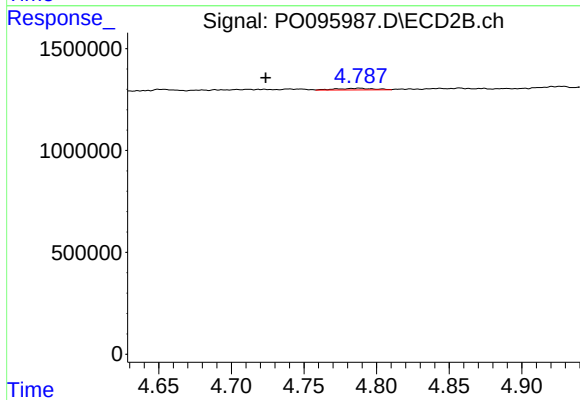
R.T.: 5.530 min
Delta R.T.: 0.001 min
Response: 447356
Conc: 12.60 ng/ml



#21 AR-1248-1

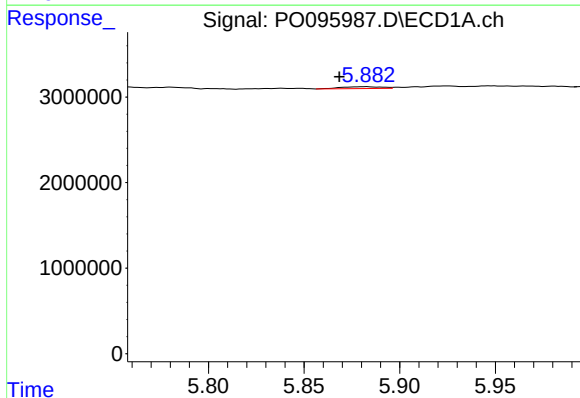
R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 189550
Conc: 3.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



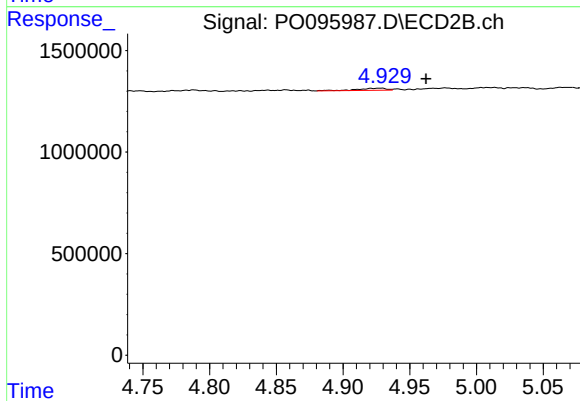
#21 AR-1248-1

R.T.: 4.788 min
Delta R.T.: 0.065 min
Response: 143268
Conc: 5.28 ng/ml



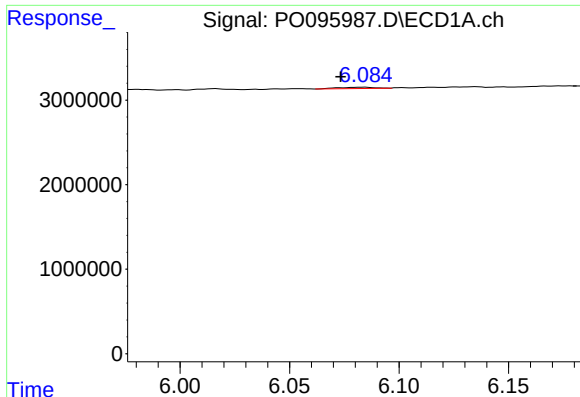
#22 AR-1248-2

R.T.: 5.882 min
Delta R.T.: 0.014 min
Response: 310758
Conc: 3.77 ng/ml



#22 AR-1248-2

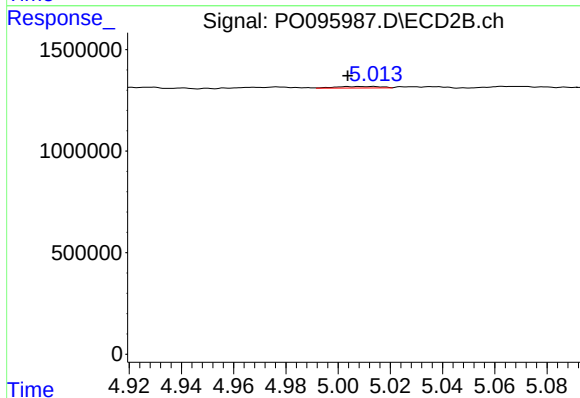
R.T.: 4.928 min
Delta R.T.: -0.034 min
Response: 153588
Conc: 3.84 ng/ml



#23 AR-1248-3

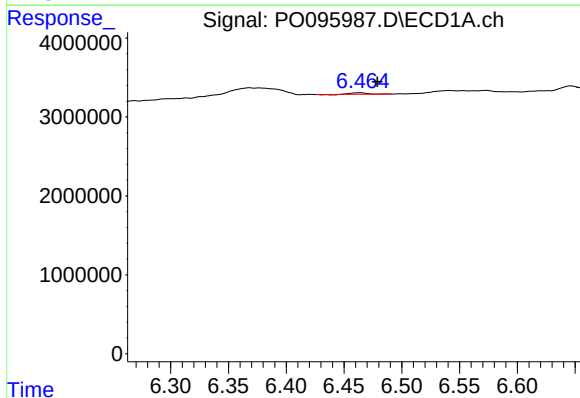
R.T.: 6.083 min
Delta R.T.: 0.010 min
Response: 187338
Conc: 2.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



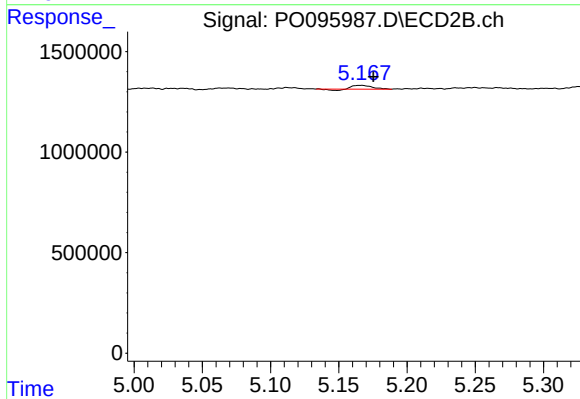
#23 AR-1248-3

R.T.: 5.013 min
Delta R.T.: 0.010 min
Response: 88628
Conc: 2.06 ng/ml



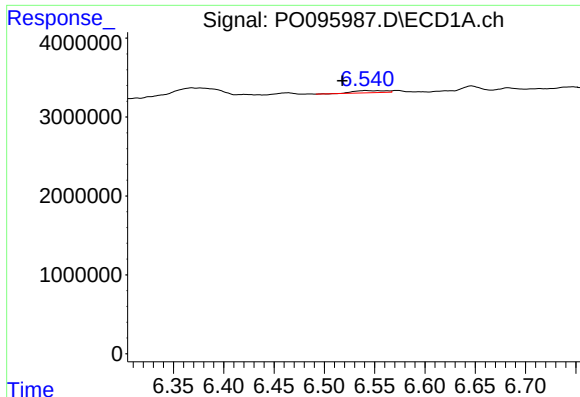
#24 AR-1248-4

R.T.: 6.463 min
Delta R.T.: -0.016 min
Response: 152435
Conc: 1.83 ng/ml



#24 AR-1248-4

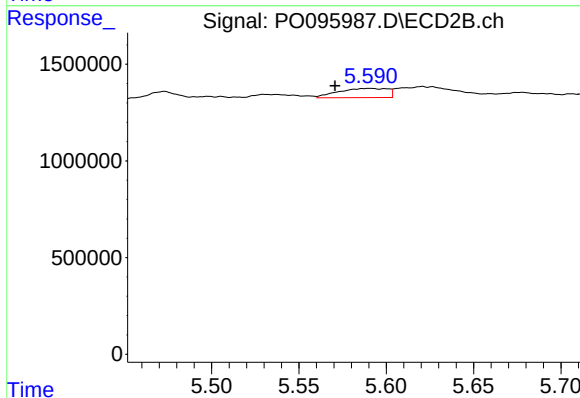
R.T.: 5.166 min
Delta R.T.: -0.009 min
Response: 165910
Conc: 3.19 ng/ml



#25 AR-1248-5

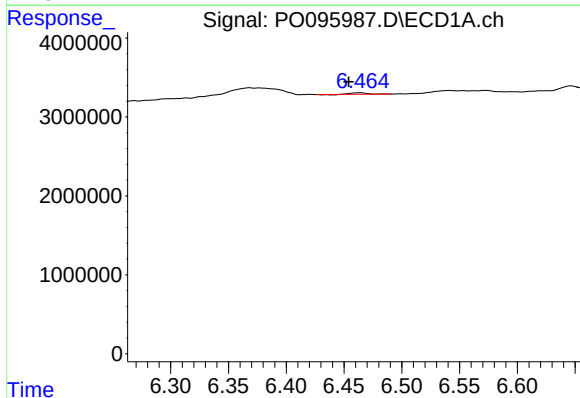
R.T.: 6.542 min
Delta R.T.: 0.024 min
Response: 613866
Conc: 7.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



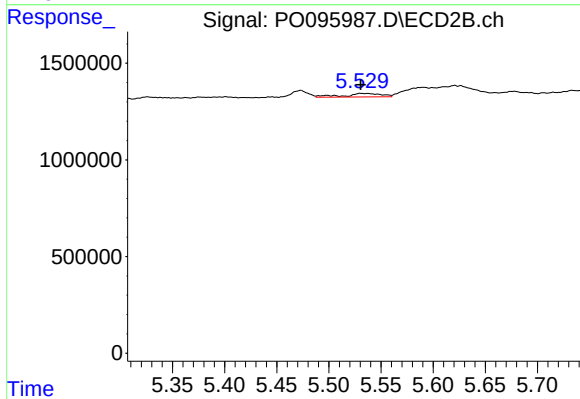
#25 AR-1248-5

R.T.: 5.591 min
Delta R.T.: 0.020 min
Response: 924486
Conc: 18.43 ng/ml



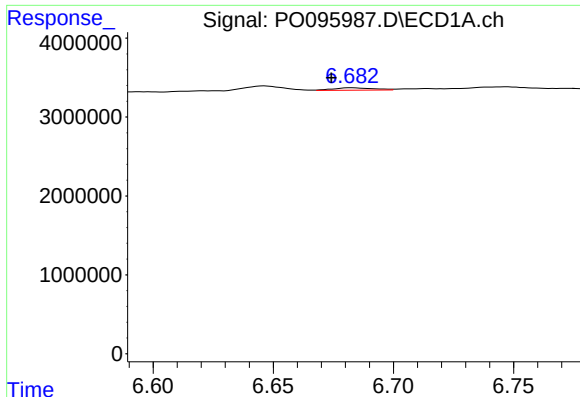
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: 0.009 min
Response: 152435
Conc: 1.60 ng/ml



#26 AR-1254-1

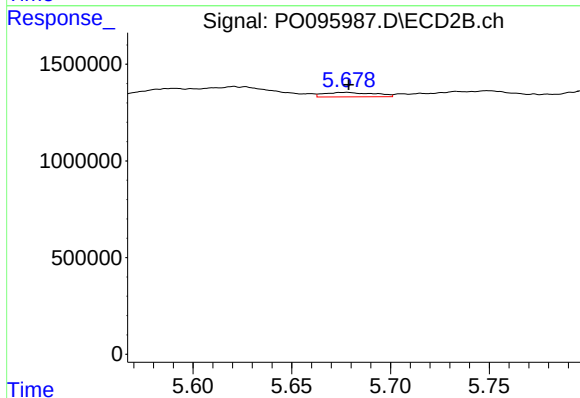
R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 447356
Conc: 6.04 ng/ml



#27 AR-1254-2

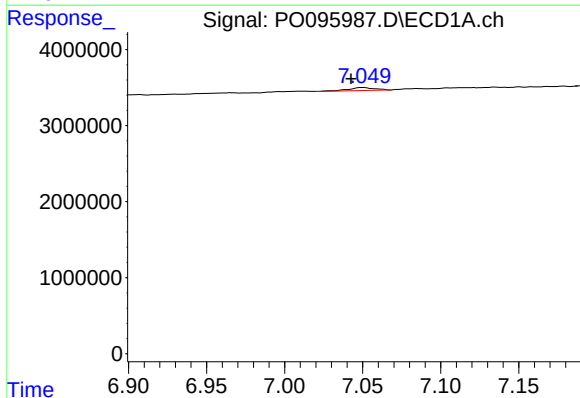
R.T.: 6.683 min
Delta R.T.: 0.009 min
Response: 371326
Conc: 2.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



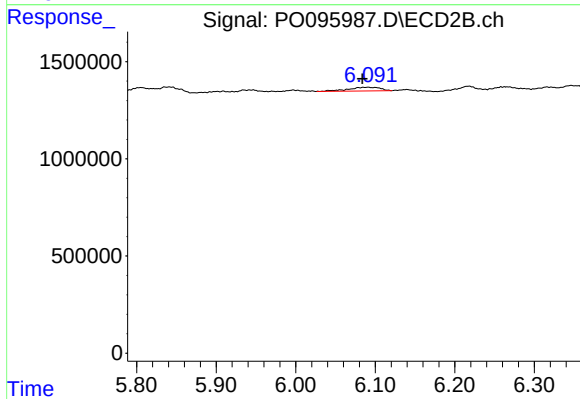
#27 AR-1254-2

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 405302
Conc: 5.94 ng/ml



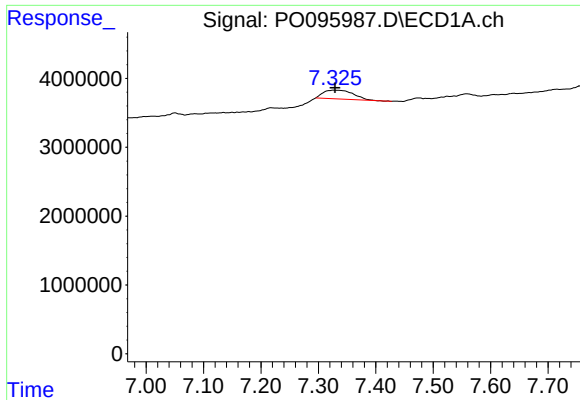
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: 0.008 min
Response: 476749
Conc: 3.53 ng/ml



#28 AR-1254-3

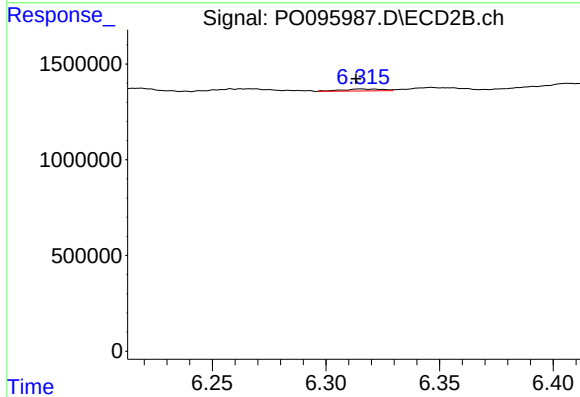
R.T.: 6.091 min
Delta R.T.: 0.007 min
Response: 535000
Conc: 5.37 ng/ml



#29 AR-1254-4

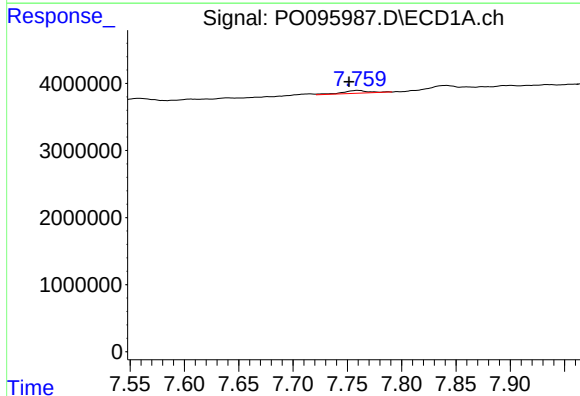
R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 4604096
Conc: 51.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



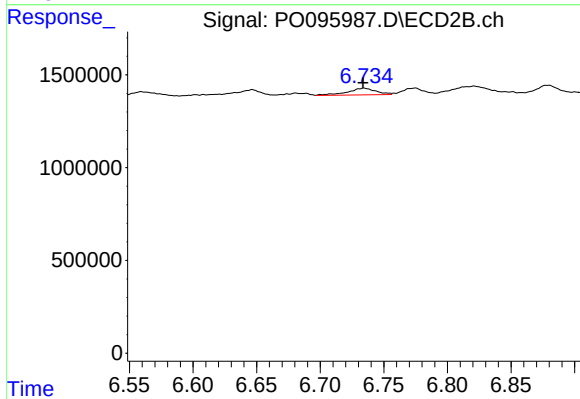
#29 AR-1254-4

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 122535
Conc: 2.08 ng/ml



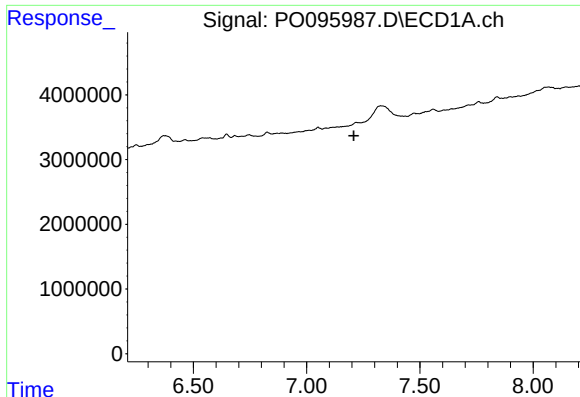
#30 AR-1254-5

R.T.: 7.760 min
Delta R.T.: 0.008 min
Response: 727925
Conc: 7.08 ng/ml



#30 AR-1254-5

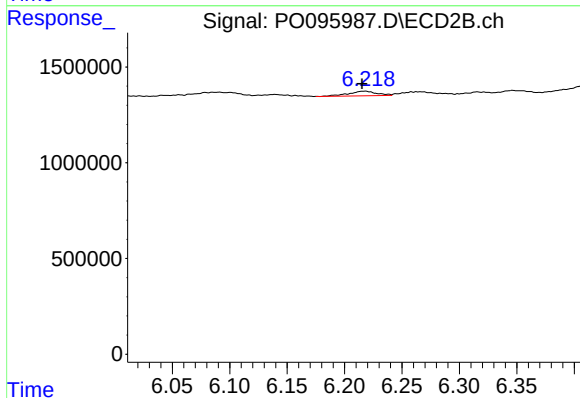
R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 553627
Conc: 6.21 ng/ml



#31 AR-1260-1

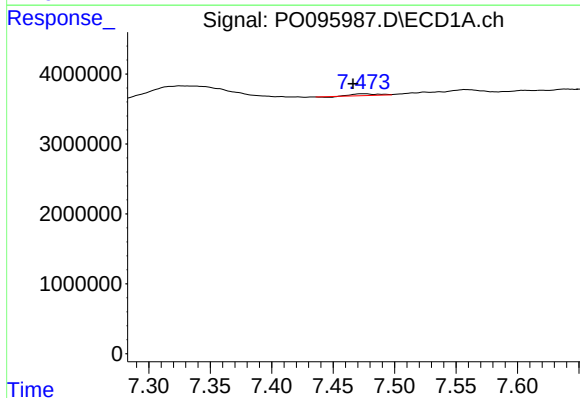
R.T.: 7.218 min
Delta R.T.: 0.011 min
Response: -248152
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



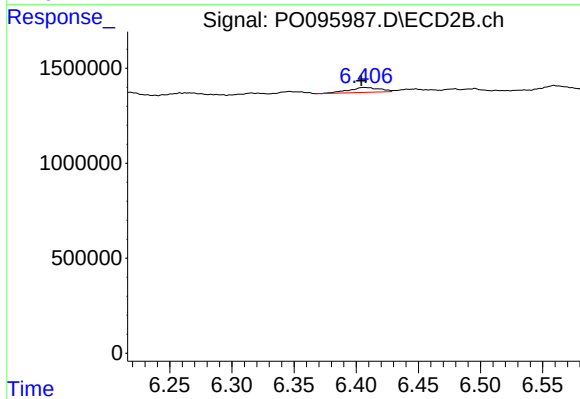
#31 AR-1260-1

R.T.: 6.218 min
Delta R.T.: 0.002 min
Response: 406655
Conc: 5.67 ng/ml



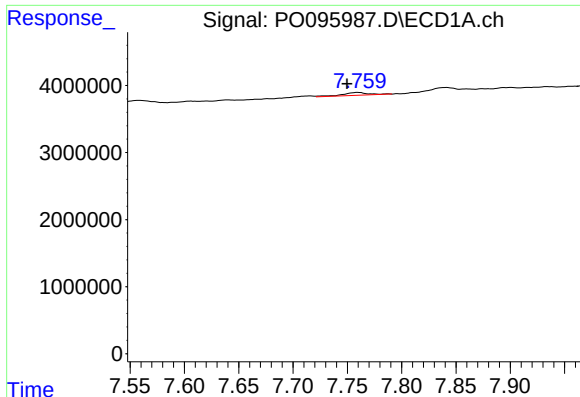
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: 0.008 min
Response: 331835
Conc: 2.73 ng/ml



#32 AR-1260-2

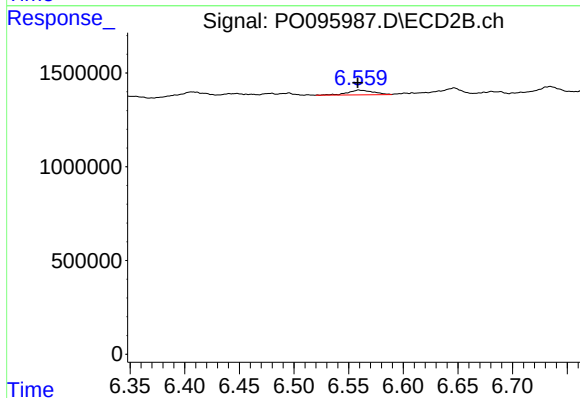
R.T.: 6.407 min
Delta R.T.: 0.002 min
Response: 451583
Conc: 5.42 ng/ml



#33 AR-1260-3

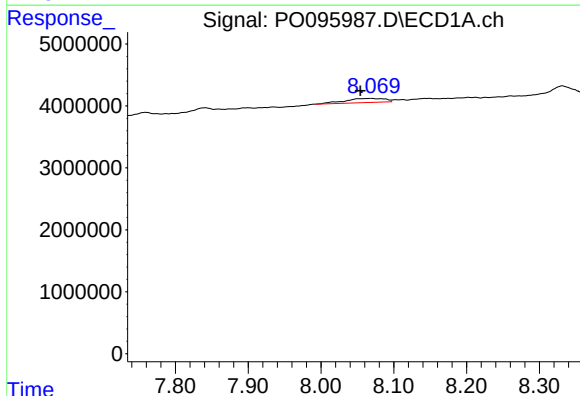
R.T.: 7.760 min
Delta R.T.: 0.010 min
Response: 727925
Conc: 5.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



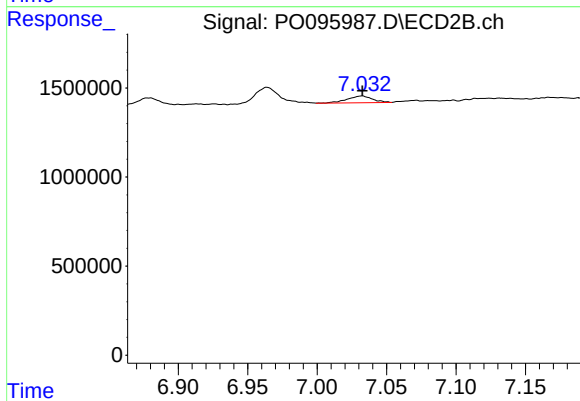
#33 AR-1260-3

R.T.: 6.559 min
Delta R.T.: 0.001 min
Response: 409864
Conc: 5.32 ng/ml



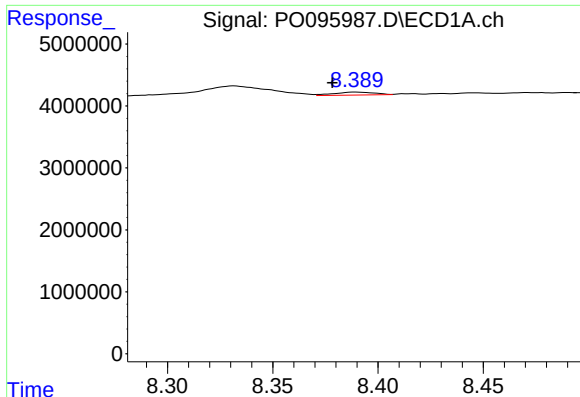
#34 AR-1260-4

R.T.: 8.069 min
Delta R.T.: 0.015 min
Response: 2521098
Conc: 26.37 ng/ml



#34 AR-1260-4

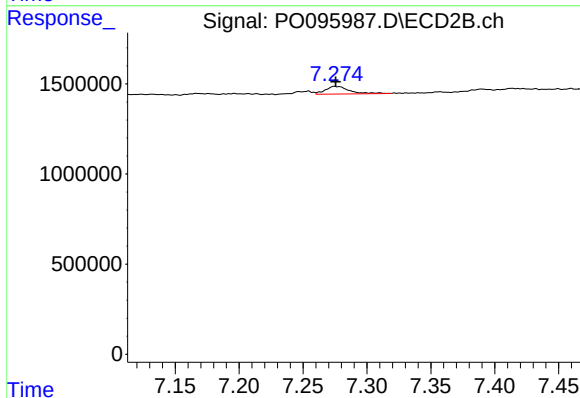
R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 492072
Conc: 8.63 ng/ml



#35 AR-1260-5

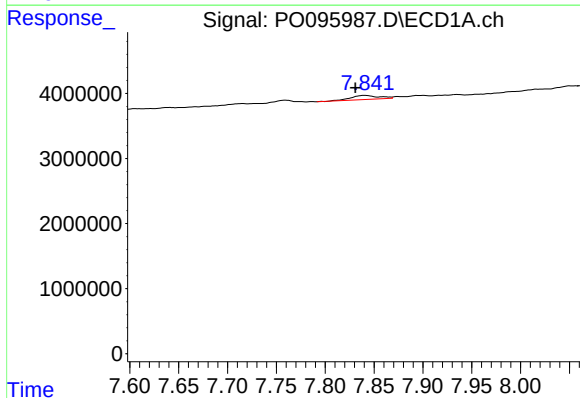
R.T.: 8.390 min
Delta R.T.: 0.011 min
Response: 639346
Conc: 3.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



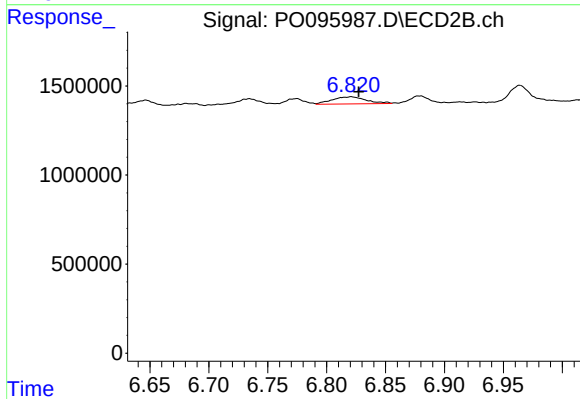
#35 AR-1260-5

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 548892
Conc: 4.28 ng/ml



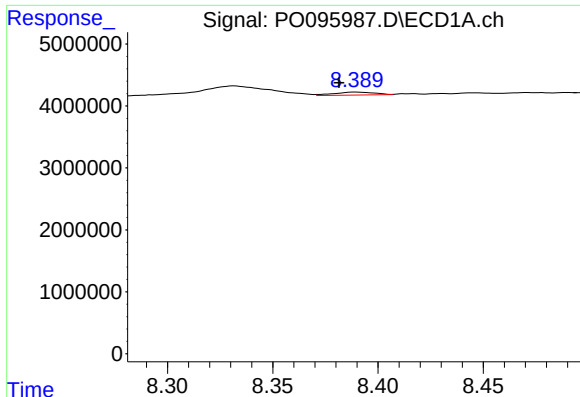
#36 AR-1262-1

R.T.: 7.841 min
Delta R.T.: 0.010 min
Response: 1260140
Conc: 9.39 ng/ml



#36 AR-1262-1

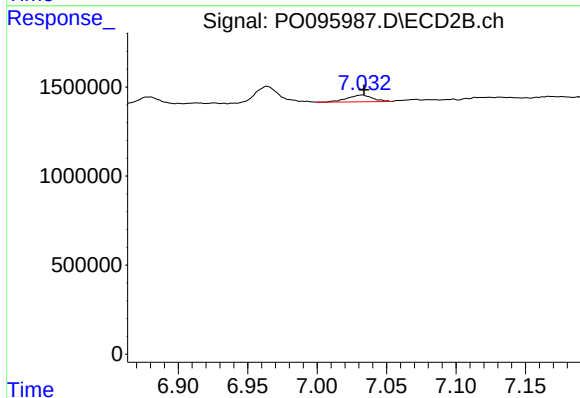
R.T.: 6.821 min
Delta R.T.: -0.006 min
Response: 804626
Conc: 21.04 ng/ml



#37 AR-1262-2

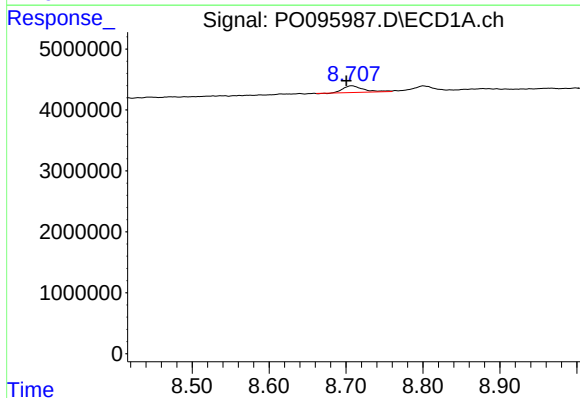
R.T.: 8.390 min
Delta R.T.: 0.008 min
Response: 639346
Conc: 3.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



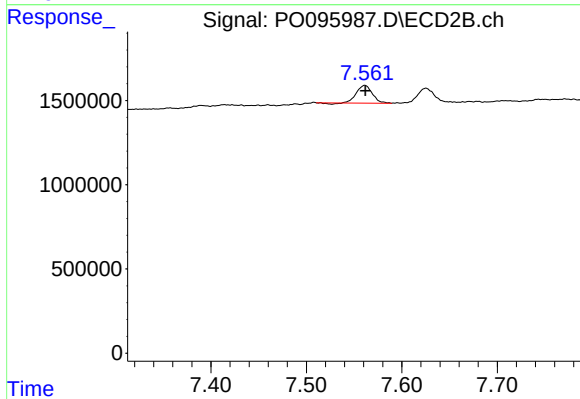
#37 AR-1262-2

R.T.: 7.032 min
Delta R.T.: -0.001 min
Response: 492072
Conc: 6.24 ng/ml



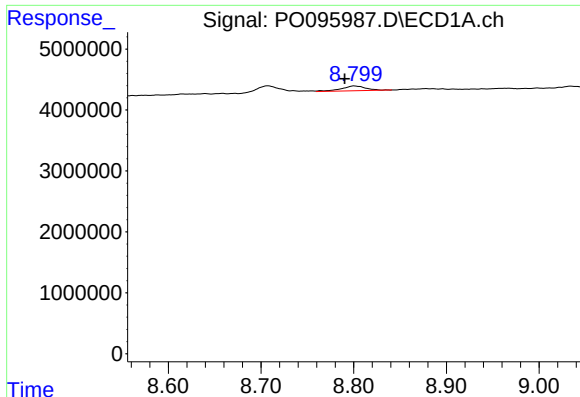
#38 AR-1262-3

R.T.: 8.708 min
Delta R.T.: 0.007 min
Response: 2040516
Conc: 13.48 ng/ml



#38 AR-1262-3

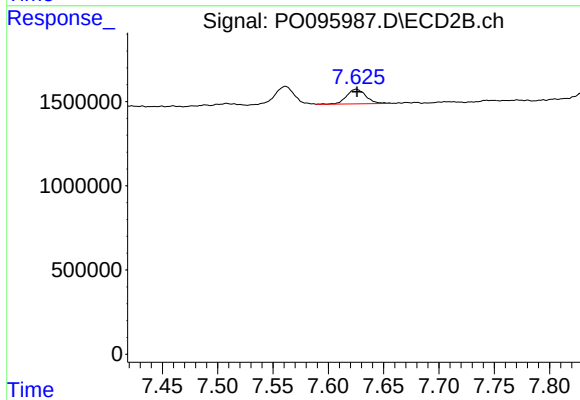
R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 1183066
Conc: 19.09 ng/ml



#39 AR-1262-4

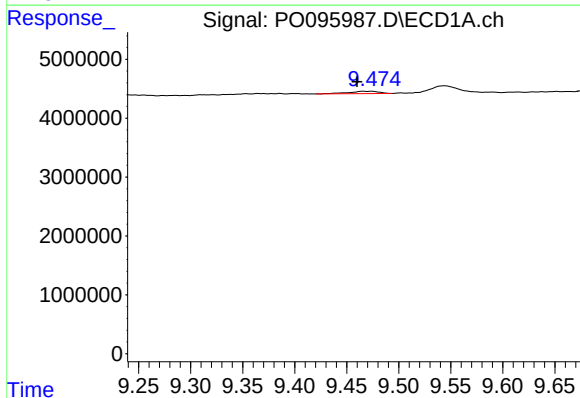
R.T.: 8.801 min
Delta R.T.: 0.011 min
Response: 1469546
Conc: 12.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



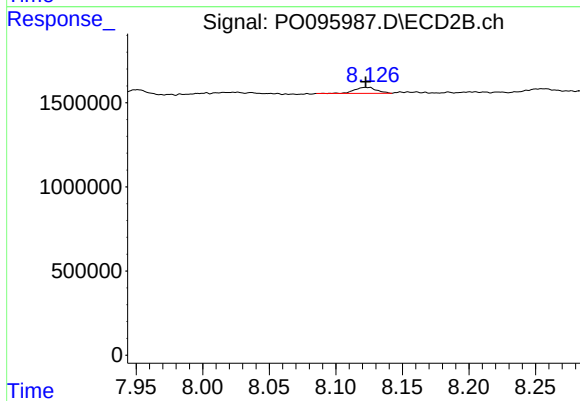
#39 AR-1262-4

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 1041848
Conc: 9.59 ng/ml



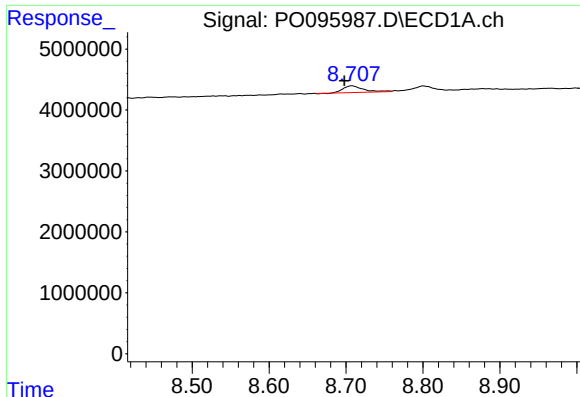
#40 AR-1262-5

R.T.: 9.467 min
Delta R.T.: 0.007 min
Response: 775338
Conc: 10.26 ng/ml



#40 AR-1262-5

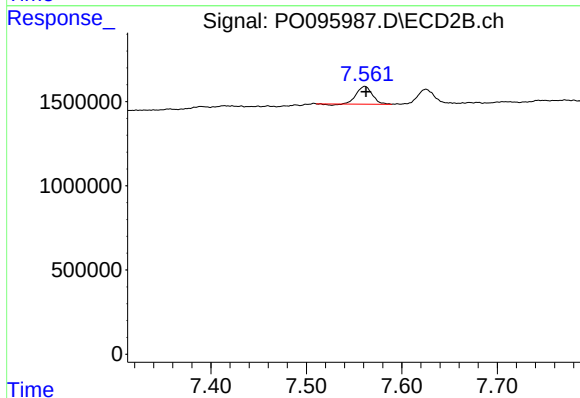
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 412084
Conc: 8.11 ng/ml



#41 AR-1268-1

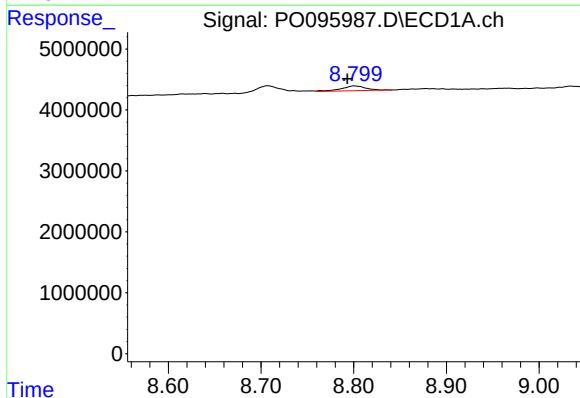
R.T.: 8.708 min
Delta R.T.: 0.010 min
Response: 2040516
Conc: 7.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



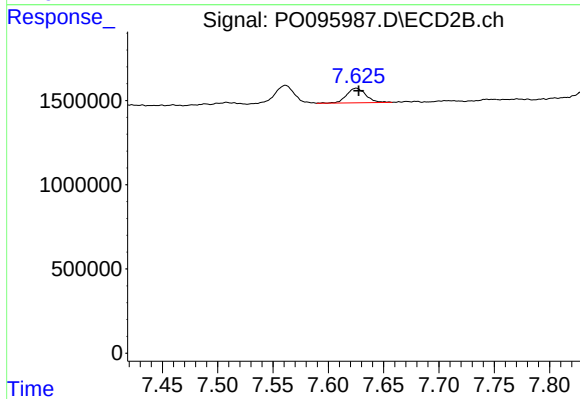
#41 AR-1268-1

R.T.: 7.561 min
Delta R.T.: -0.001 min
Response: 1183066
Conc: 6.69 ng/ml



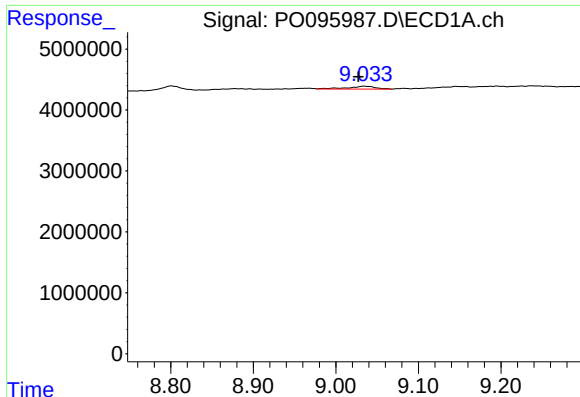
#42 AR-1268-2

R.T.: 8.801 min
Delta R.T.: 0.008 min
Response: 1469546
Conc: 5.95 ng/ml



#42 AR-1268-2

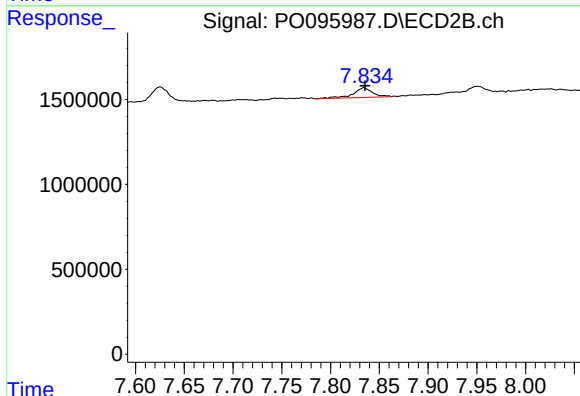
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 1041848
Conc: 6.65 ng/ml



#43 AR-1268-3

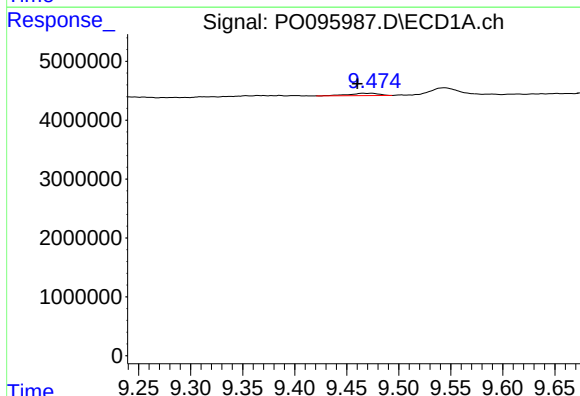
R.T.: 9.035 min
Delta R.T.: 0.008 min
Response: 1158361
Conc: 5.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



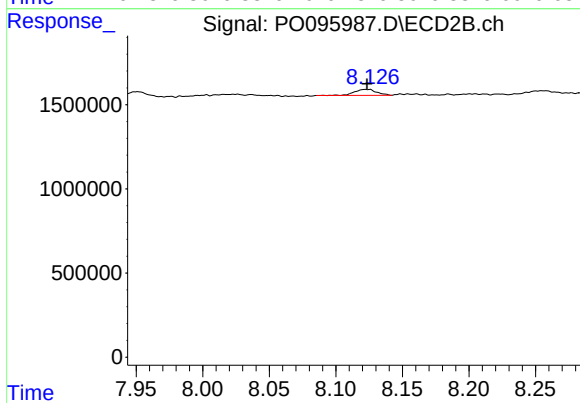
#43 AR-1268-3

R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 789609
Conc: 5.67 ng/ml



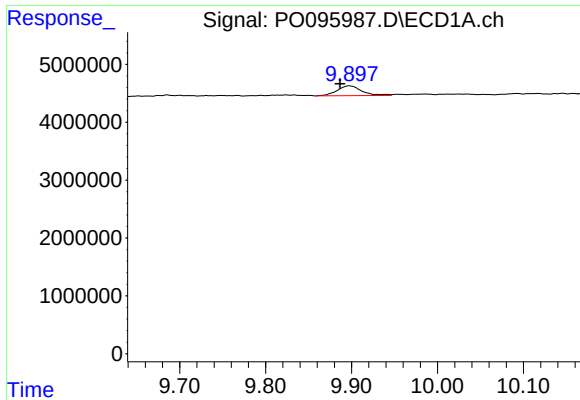
#44 AR-1268-4

R.T.: 9.467 min
Delta R.T.: 0.007 min
Response: 775338
Conc: 9.37 ng/ml



#44 AR-1268-4

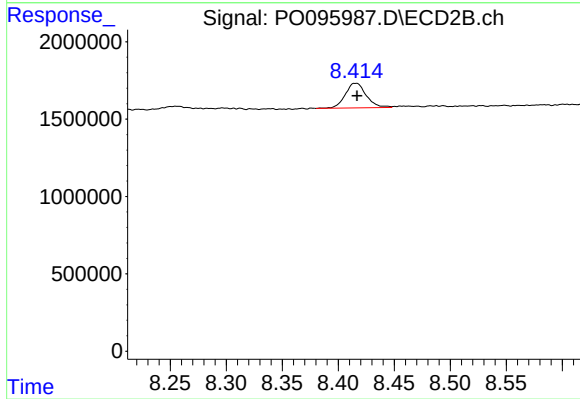
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 412084
Conc: 7.42 ng/ml



#45 AR-1268-5

R.T.: 9.898 min
Delta R.T.: 0.011 min
Response: 3427749
Conc: 4.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.416 min
Delta R.T.: -0.001 min
Response: 2073050
Conc: 4.95 ng/ml