

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0030922\
 Data File : P0085212.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Mar 2022 22:31
 Operator : YP\AJ
 Sample : N1645-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 02:23:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0030822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 09 04:29:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.498	3.591	4152566	1330391	24.184	29.155
2)	SA Decachlor...	10.415	8.610	1914866	1200325	29.242	31.528
Target Compounds							
3)	L1 AR-1016-1	5.679	4.698	23526	21889	5.158	13.073 #
4)	L1 AR-1016-2	5.711	4.698	9525	21889	1.414	9.039 #
5)	L1 AR-1016-3	5.767	4.859	24435	7608	6.052	5.558
6)	L1 AR-1016-4	5.879	4.929	1598	4057	0.477	3.533 #
7)	L1 AR-1016-5	6.183	0.000	9322	0	3.021	N.D. #
8)	L2 AR-1221-1	4.710	3.806	144282	19799	78.083	35.916 #
9)	L2 AR-1221-2	4.808	3.890	103292	38007	77.652	89.395
10)	L2 AR-1221-3	4.876	3.967	171174	46403	43.879	35.624
11)	L3 AR-1232-1	4.876	3.967	171174	46403	60.629	46.719
12)	L3 AR-1232-2	5.414	4.698	54032	21889	33.541	20.911 #
13)	L3 AR-1232-3	5.711	4.859	9525	7608	3.365	13.363 #
14)	L3 AR-1232-4	5.873	4.983	2341	6999	1.717	13.254 #
15)	L3 AR-1232-5	5.997	0.000	2497	0	2.427	N.D. #
16)	L4 AR-1242-1	5.679	4.698	23526	21889	6.904	17.484 #
17)	L4 AR-1242-2	5.711	4.698	9525	21889	1.903	12.187 #
18)	L4 AR-1242-3	5.767	4.859	24435	7608	8.047	7.710
19)	L4 AR-1242-4	5.873	4.983	2341	6999	0.994	6.845 #
20)	L4 AR-1242-5	6.634	5.508	7216	7779	3.814	6.058 #
21)	L5 AR-1248-1	5.679	4.698	23526	21889	8.853	21.445 #
22)	L5 AR-1248-2	5.997	4.929	2497	4057	0.752	2.800 #
23)	L5 AR-1248-3	6.183	4.983	9322	6999	2.720	4.732 #
24)	L5 AR-1248-4	6.592	0.000	21251	0	6.406	N.D. #
25)	L5 AR-1248-5	6.634	5.508	7216	7779	2.283	4.753 #
26)	L6 AR-1254-1	6.561	5.508	18530	7779	5.420	3.051 #
27)	L6 AR-1254-2	6.783	5.685f	6969	12224	1.371	5.234 #
28)	L6 AR-1254-3	7.156	6.070	24076	8845	4.780	2.447 #
29)	L6 AR-1254-4	7.438	6.304f	22340	4257	6.108	1.909 #
30)	L6 AR-1254-5	7.864	6.684	15222	5847	3.889	1.740 #
31)	L7 AR-1260-1	7.323	0.000	33623	0	8.265	N.D. #
32)	L7 AR-1260-2	7.593	6.349	64866	20440	13.532	6.537 #
33)	L7 AR-1260-3	7.943	6.497	15907	10367	4.895	3.347 #
34)	L7 AR-1260-4	8.172	7.009	59134	6068	15.472	2.754 #
35)	L7 AR-1260-5	8.515	7.226	13114	3959	1.905	0.795 #
36)	L8 AR-1262-1	7.943	6.684	15907	5847	3.491	3.404
37)	L8 AR-1262-2	8.497	7.009	12005	6068	1.463	2.107 #
38)	L8 AR-1262-3	8.837	7.509	3144	2564	0.588	1.135 #
39)	L8 AR-1262-4	8.924	7.537f	1601	12203	0.644	2.966 #
40)	L8 AR-1262-5	9.618	0.000	2766	0	1.000	N.D. #
41)	L9 AR-1268-1	8.837	7.509	3144	2564	0.335	0.391

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 Sample : N1645-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 23 Sample Multiplier: 1

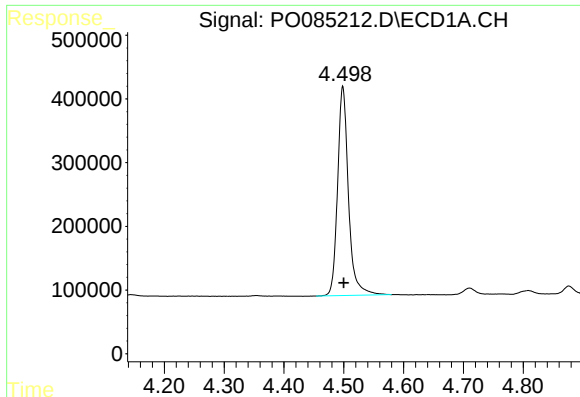
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 02:23:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030822.M
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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	8.924	7.537f	1601	12203	0.189	2.086 #
43) L9	AR-1268-3	9.169	0.000	2043	0	0.285	N.D. #
44) L9	AR-1268-4	9.618	0.000	2766	0	0.904	N.D. #
45) L9	AR-1268-5	10.053	8.361	5937	8086	0.249	0.563 #

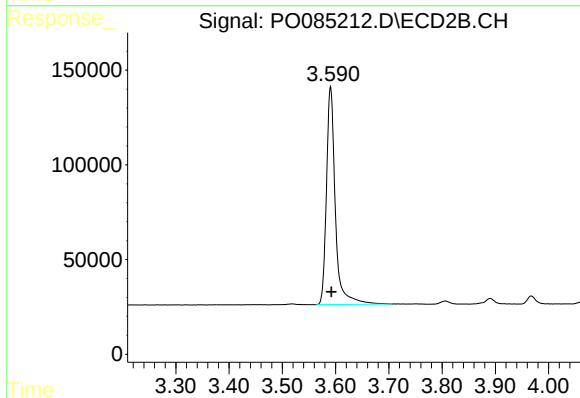
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

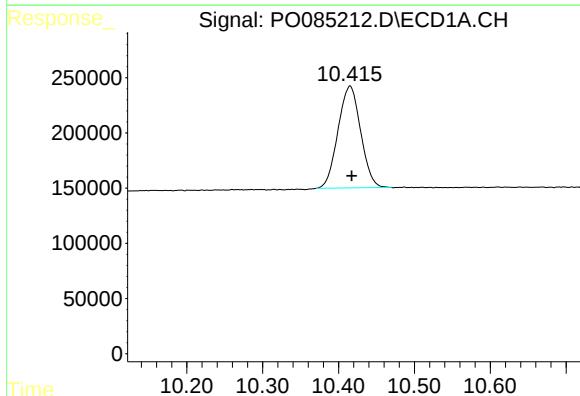
R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 4152566
Conc: 24.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



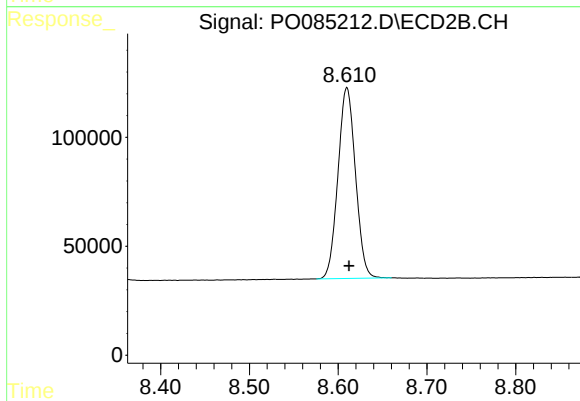
#1 Tetrachloro-m-xylene

R.T.: 3.591 min
Delta R.T.: -0.002 min
Response: 1330391
Conc: 29.16 ng/ml



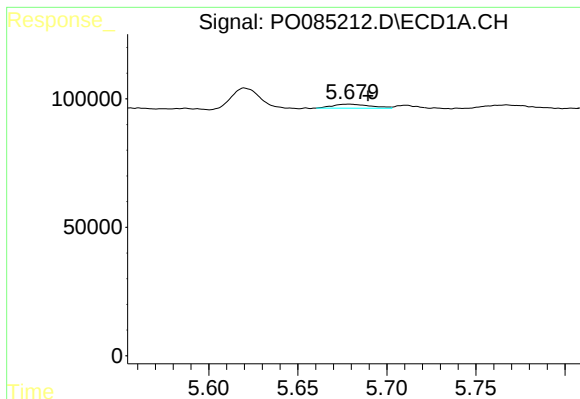
#2 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.002 min
Response: 1914866
Conc: 29.24 ng/ml



#2 Decachlorobiphenyl

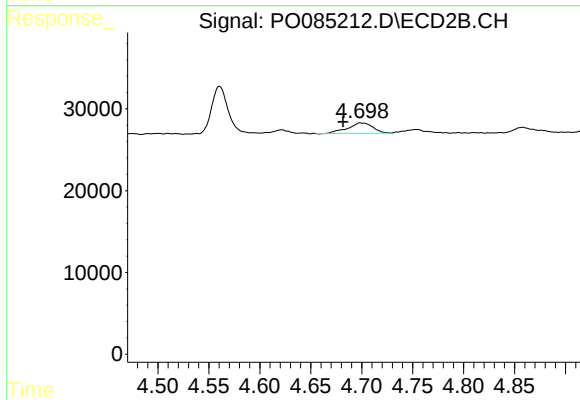
R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 1200325
Conc: 31.53 ng/ml



#3 AR-1016-1

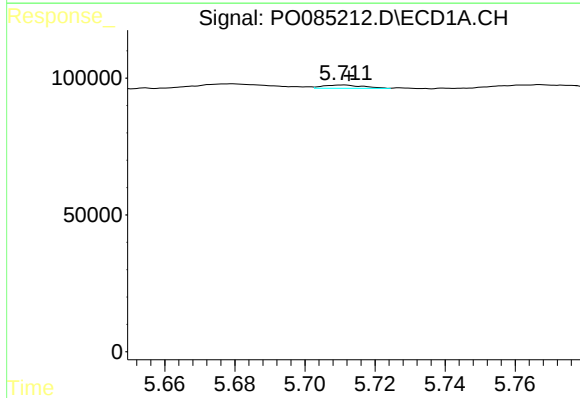
R.T.: 5.679 min
Delta R.T.: -0.010 min
Response: 23526
Conc: 5.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



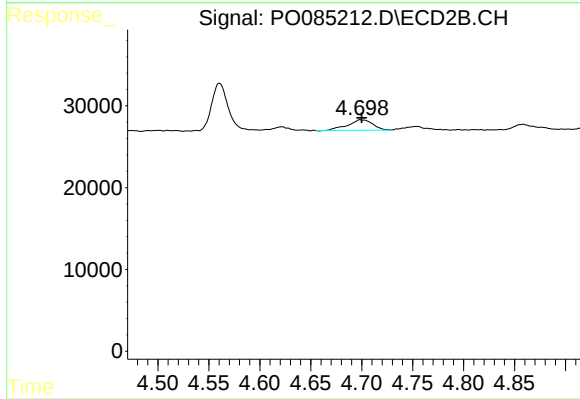
#3 AR-1016-1

R.T.: 4.698 min
Delta R.T.: 0.017 min
Response: 21889
Conc: 13.07 ng/ml



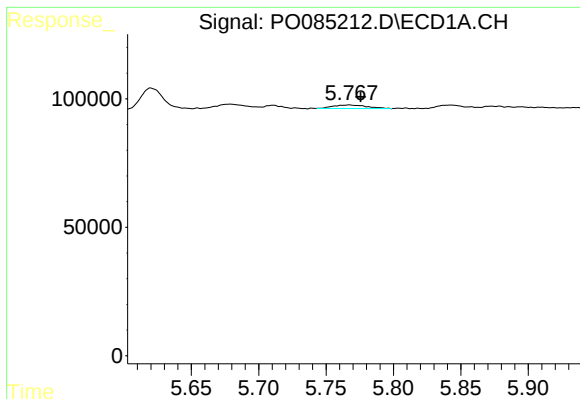
#4 AR-1016-2

R.T.: 5.711 min
Delta R.T.: -0.001 min
Response: 9525
Conc: 1.41 ng/ml



#4 AR-1016-2

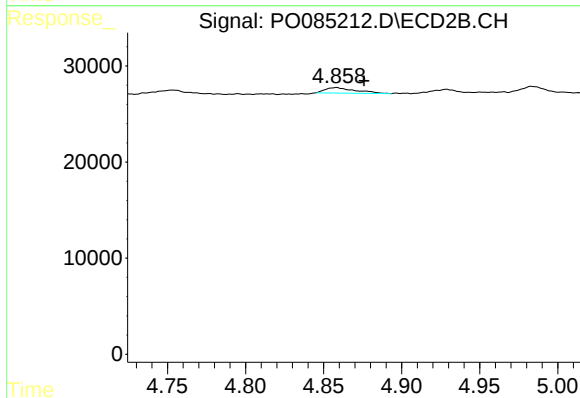
R.T.: 4.698 min
Delta R.T.: -0.002 min
Response: 21889
Conc: 9.04 ng/ml



#5 AR-1016-3

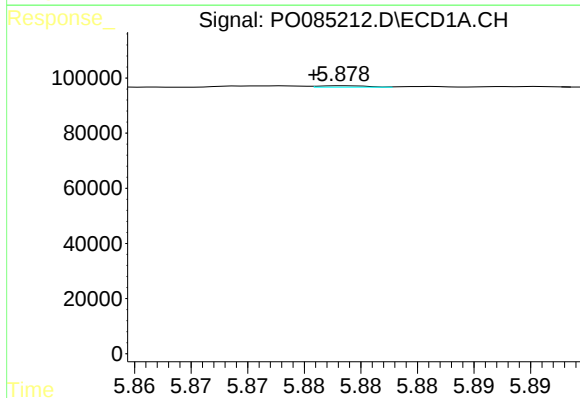
R.T.: 5.767 min
Delta R.T.: -0.009 min
Response: 24435
Conc: 6.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



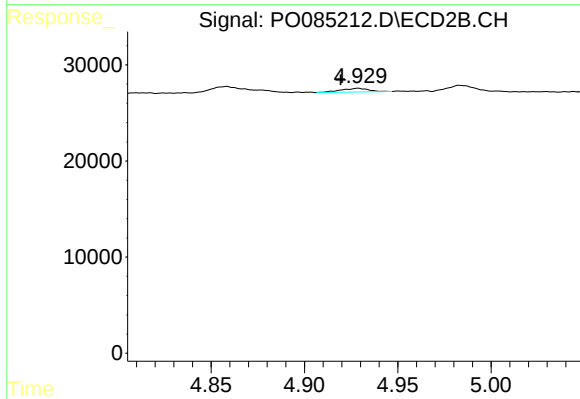
#5 AR-1016-3

R.T.: 4.859 min
Delta R.T.: -0.017 min
Response: 7608
Conc: 5.56 ng/ml



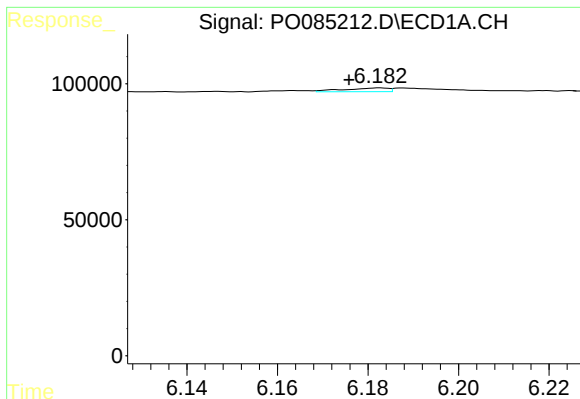
#6 AR-1016-4

R.T.: 5.879 min
Delta R.T.: 0.003 min
Response: 1598
Conc: 0.48 ng/ml



#6 AR-1016-4

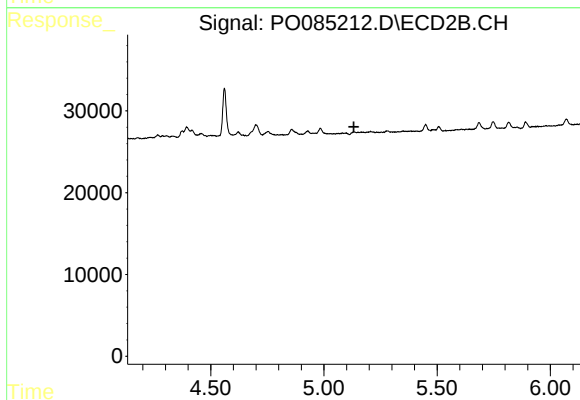
R.T.: 4.929 min
Delta R.T.: 0.009 min
Response: 4057
Conc: 3.53 ng/ml



#7 AR-1016-5

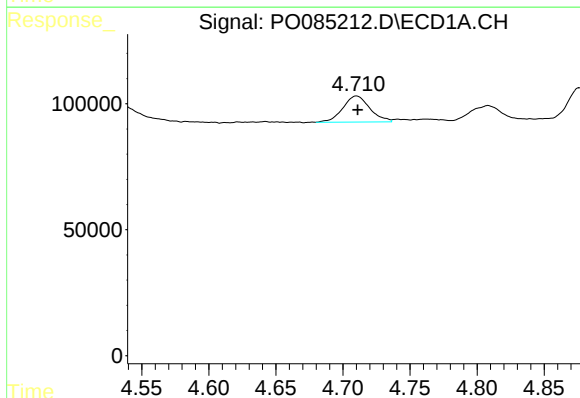
R.T.: 6.183 min
Delta R.T.: 0.007 min
Response: 9322
Conc: 3.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



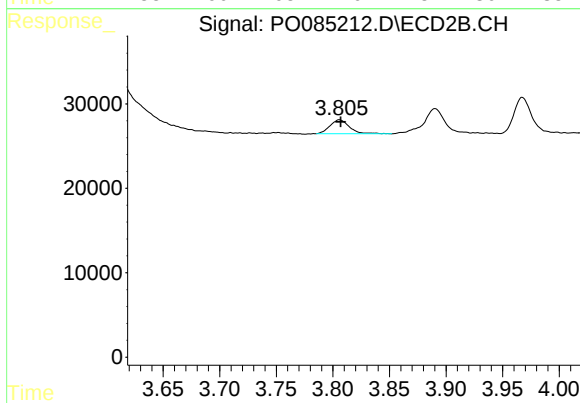
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.132 min
Response: 0
Conc: N.D.



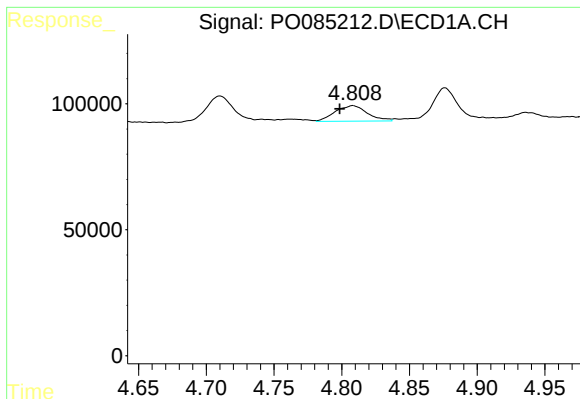
#8 AR-1221-1

R.T.: 4.710 min
Delta R.T.: -0.001 min
Response: 144282
Conc: 78.08 ng/ml



#8 AR-1221-1

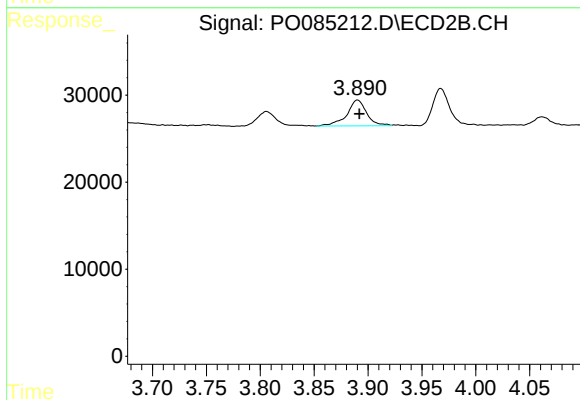
R.T.: 3.806 min
Delta R.T.: -0.001 min
Response: 19799
Conc: 35.92 ng/ml



#9 AR-1221-2

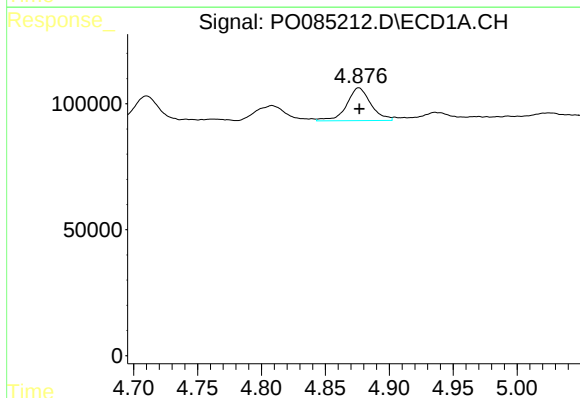
R.T.: 4.808 min
Delta R.T.: 0.010 min
Response: 103292
Conc: 77.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



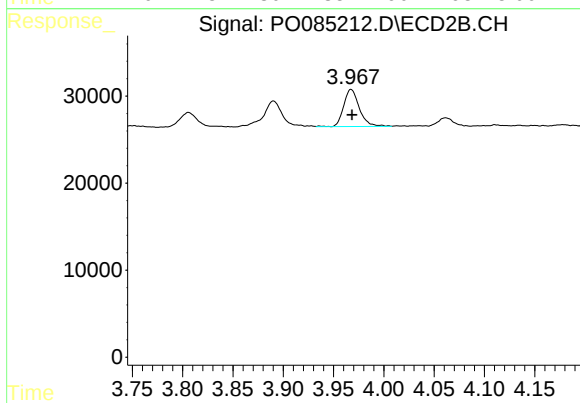
#9 AR-1221-2

R.T.: 3.890 min
Delta R.T.: -0.002 min
Response: 38007
Conc: 89.39 ng/ml



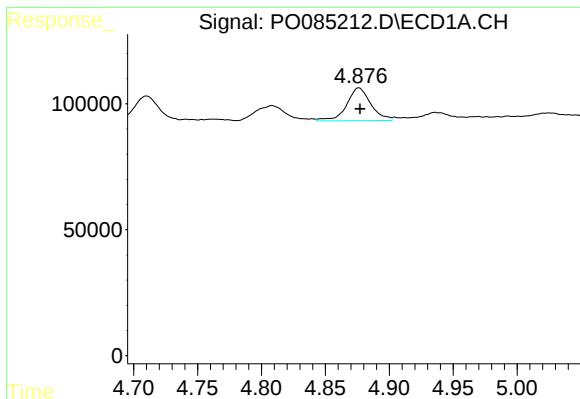
#10 AR-1221-3

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 171174
Conc: 43.88 ng/ml



#10 AR-1221-3

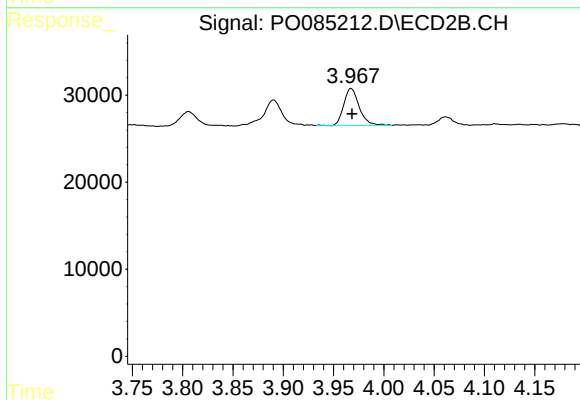
R.T.: 3.967 min
Delta R.T.: -0.001 min
Response: 46403
Conc: 35.62 ng/ml



#11 AR-1232-1

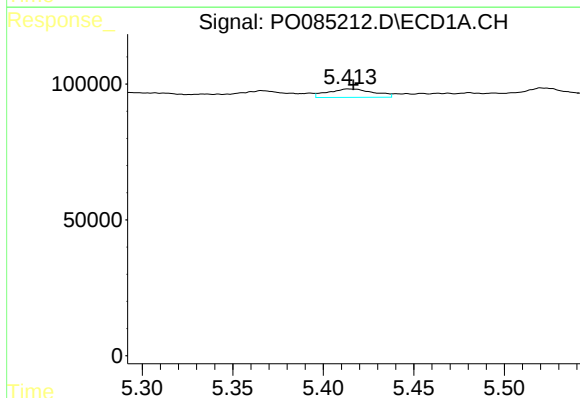
R.T.: 4.876 min
Delta R.T.: -0.001 min
Response: 171174
Conc: 60.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



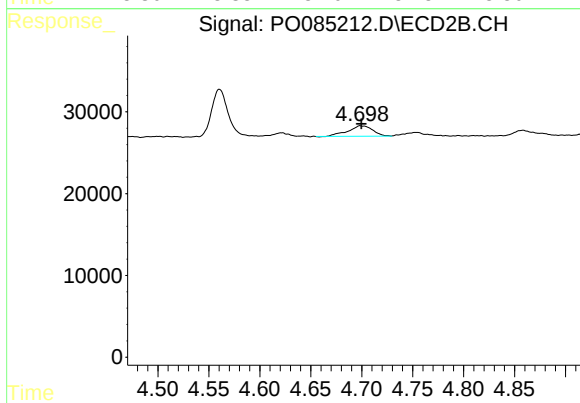
#11 AR-1232-1

R.T.: 3.967 min
Delta R.T.: -0.001 min
Response: 46403
Conc: 46.72 ng/ml



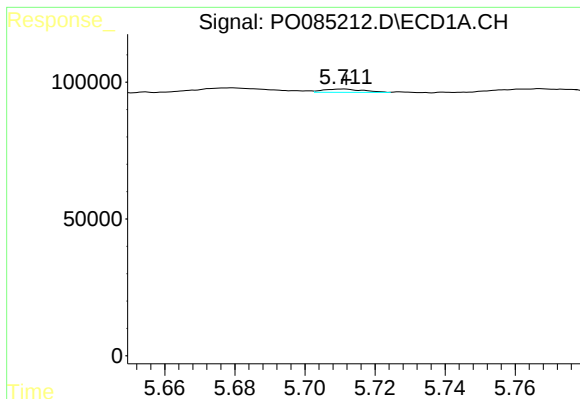
#12 AR-1232-2

R.T.: 5.414 min
Delta R.T.: -0.003 min
Response: 54032
Conc: 33.54 ng/ml



#12 AR-1232-2

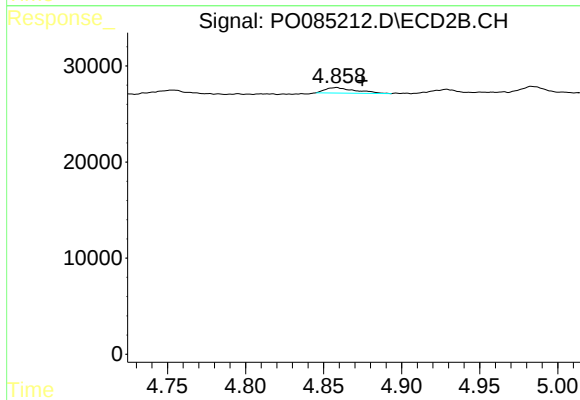
R.T.: 4.698 min
Delta R.T.: -0.001 min
Response: 21889
Conc: 20.91 ng/ml



#13 AR-1232-3

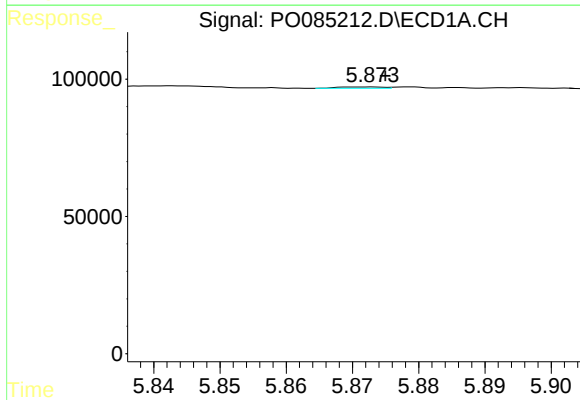
R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 9525
Conc: 3.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



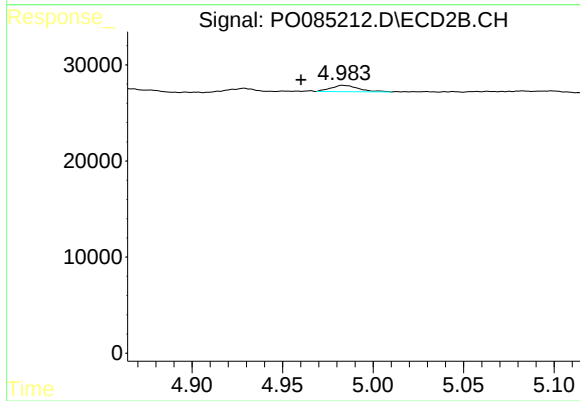
#13 AR-1232-3

R.T.: 4.859 min
Delta R.T.: -0.016 min
Response: 7608
Conc: 13.36 ng/ml



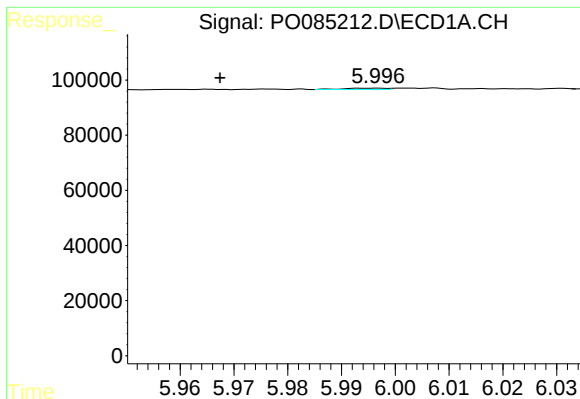
#14 AR-1232-4

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 2341
Conc: 1.72 ng/ml



#14 AR-1232-4

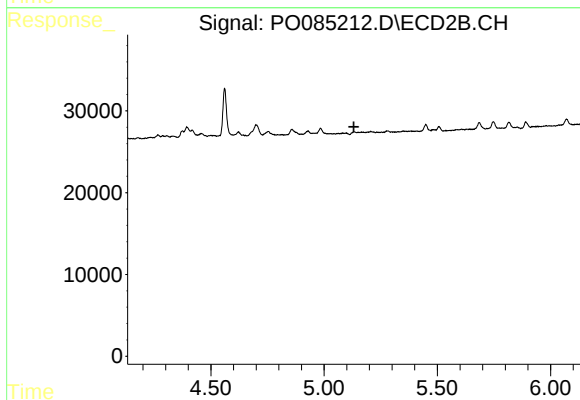
R.T.: 4.983 min
Delta R.T.: 0.023 min
Response: 6999
Conc: 13.25 ng/ml



#15 AR-1232-5

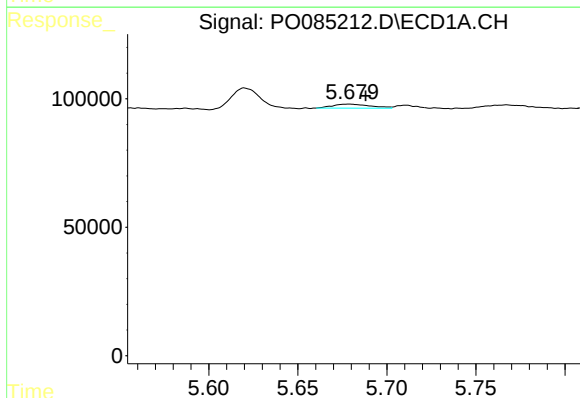
R.T.: 5.997 min
Delta R.T.: 0.029 min
Response: 2497
Conc: 2.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



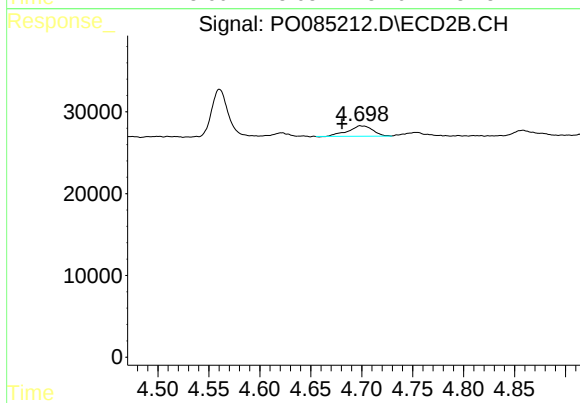
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.132 min
Response: 0
Conc: N.D.



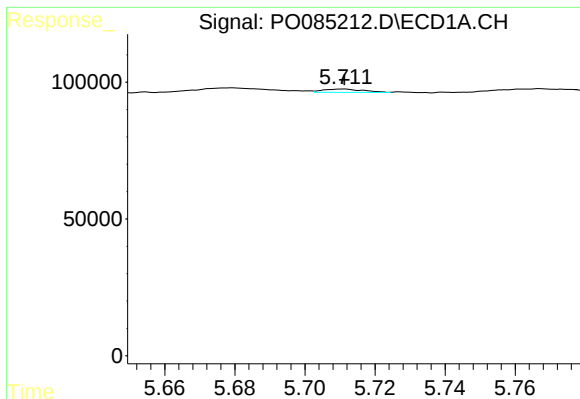
#16 AR-1242-1

R.T.: 5.679 min
Delta R.T.: -0.009 min
Response: 23526
Conc: 6.90 ng/ml



#16 AR-1242-1

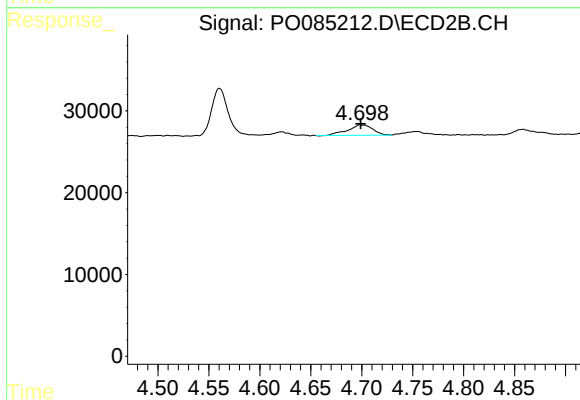
R.T.: 4.698 min
Delta R.T.: 0.018 min
Response: 21889
Conc: 17.48 ng/ml



#17 AR-1242-2

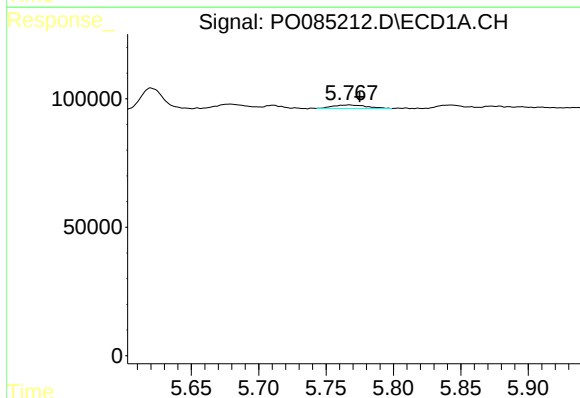
R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 9525
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



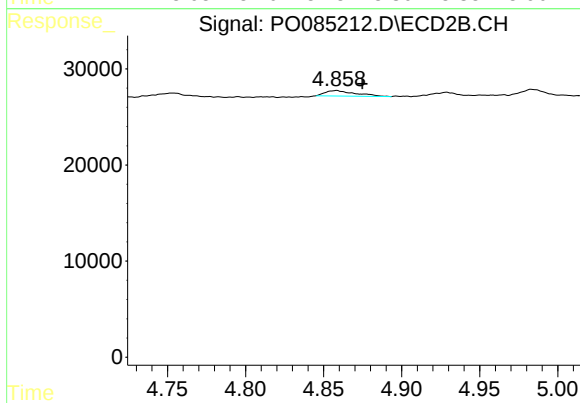
#17 AR-1242-2

R.T.: 4.698 min
Delta R.T.: 0.000 min
Response: 21889
Conc: 12.19 ng/ml



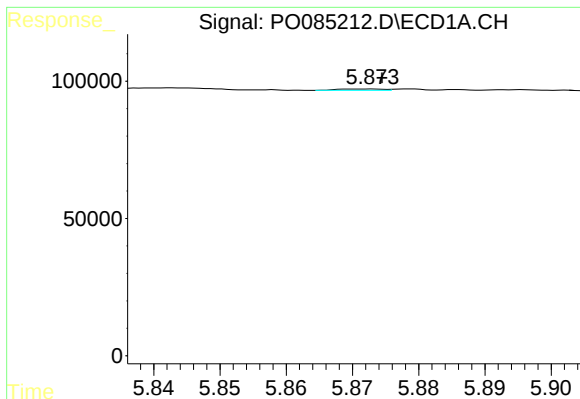
#18 AR-1242-3

R.T.: 5.767 min
Delta R.T.: -0.008 min
Response: 24435
Conc: 8.05 ng/ml



#18 AR-1242-3

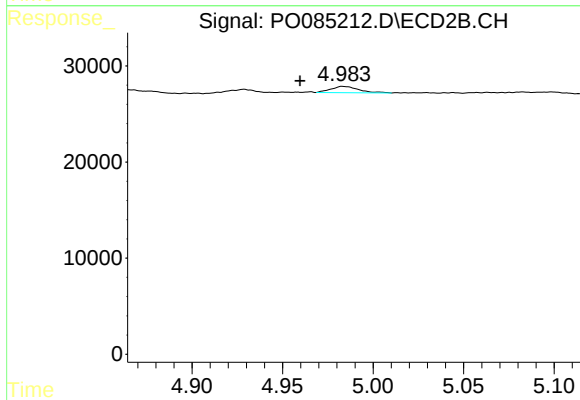
R.T.: 4.859 min
Delta R.T.: -0.016 min
Response: 7608
Conc: 7.71 ng/ml



#19 AR-1242-4

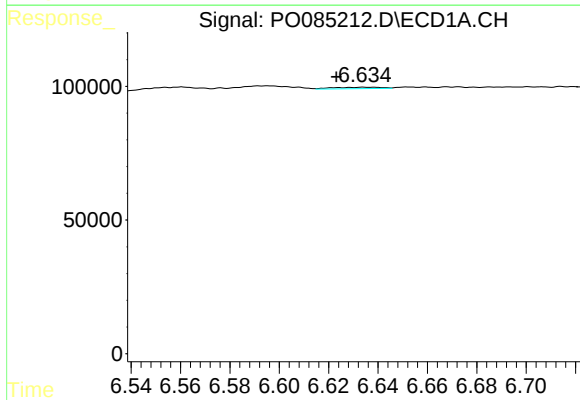
R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 2341
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



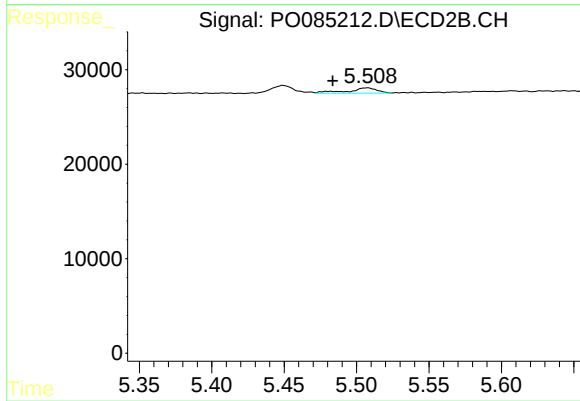
#19 AR-1242-4

R.T.: 4.983 min
Delta R.T.: 0.024 min
Response: 6999
Conc: 6.84 ng/ml



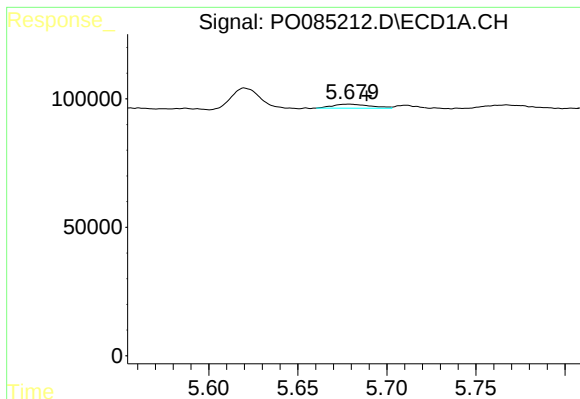
#20 AR-1242-5

R.T.: 6.634 min
Delta R.T.: 0.011 min
Response: 7216
Conc: 3.81 ng/ml



#20 AR-1242-5

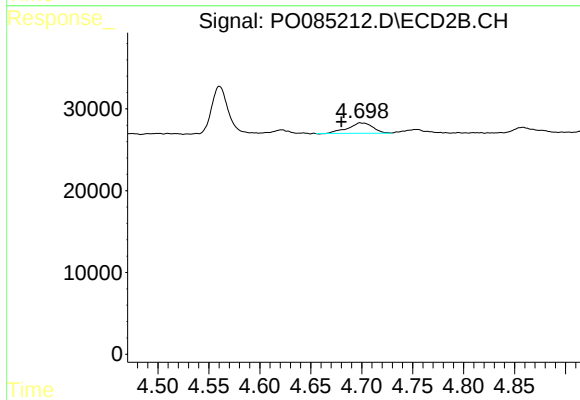
R.T.: 5.508 min
Delta R.T.: 0.024 min
Response: 7779
Conc: 6.06 ng/ml



#21 AR-1248-1

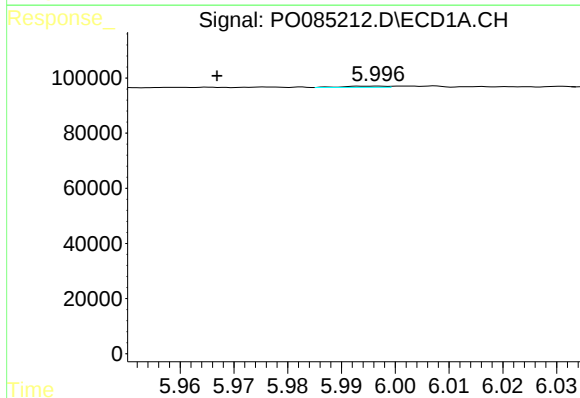
R.T.: 5.679 min
Delta R.T.: -0.010 min
Response: 23526
Conc: 8.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



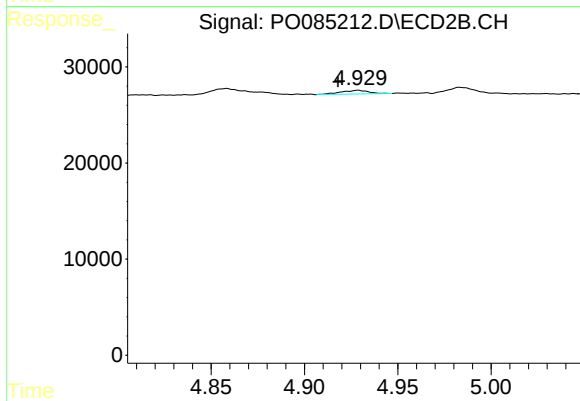
#21 AR-1248-1

R.T.: 4.698 min
Delta R.T.: 0.018 min
Response: 21889
Conc: 21.44 ng/ml



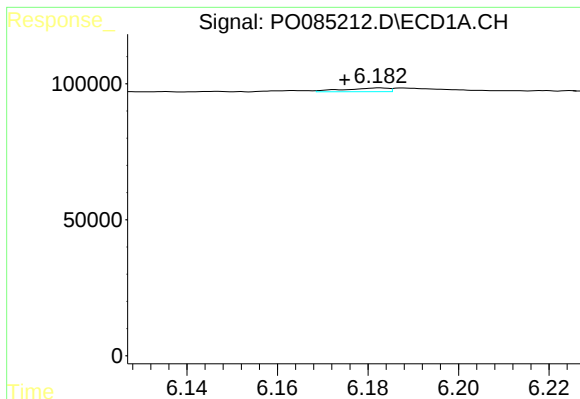
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.030 min
Response: 2497
Conc: 0.75 ng/ml



#22 AR-1248-2

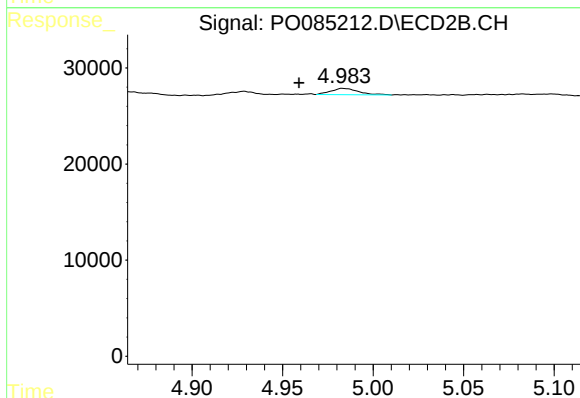
R.T.: 4.929 min
Delta R.T.: 0.011 min
Response: 4057
Conc: 2.80 ng/ml



#23 AR-1248-3

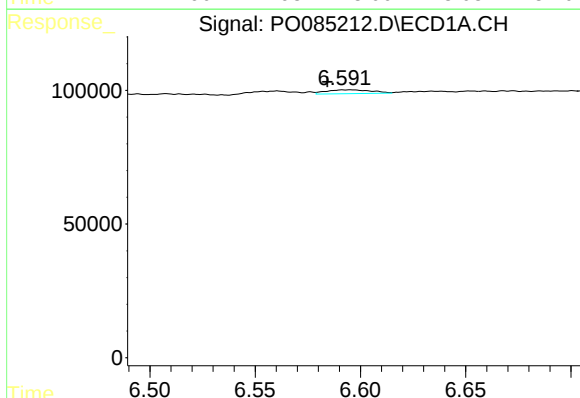
R.T.: 6.183 min
Delta R.T.: 0.008 min
Response: 9322
Conc: 2.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



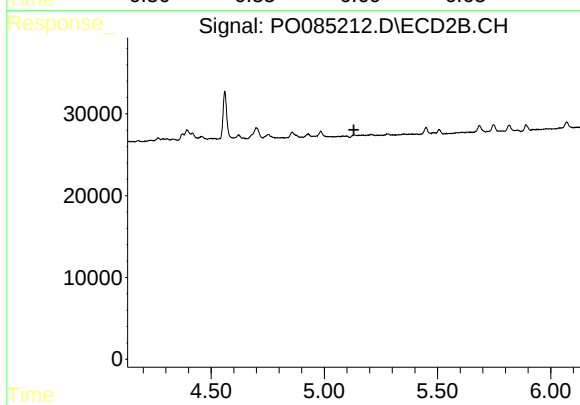
#23 AR-1248-3

R.T.: 4.983 min
Delta R.T.: 0.024 min
Response: 6999
Conc: 4.73 ng/ml



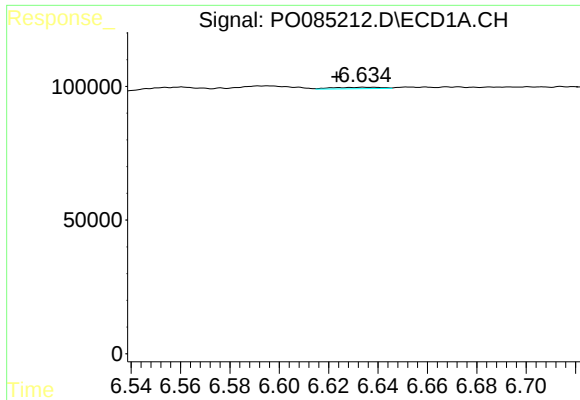
#24 AR-1248-4

R.T.: 6.592 min
Delta R.T.: 0.007 min
Response: 21251
Conc: 6.41 ng/ml



#24 AR-1248-4

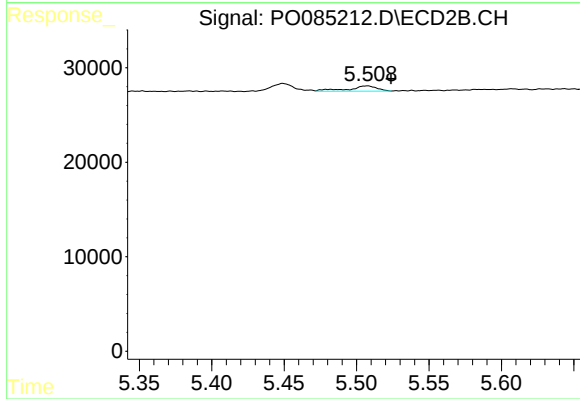
R.T.: 0.000 min
Exp R.T. : 5.131 min
Response: 0
Conc: N.D.



#25 AR-1248-5

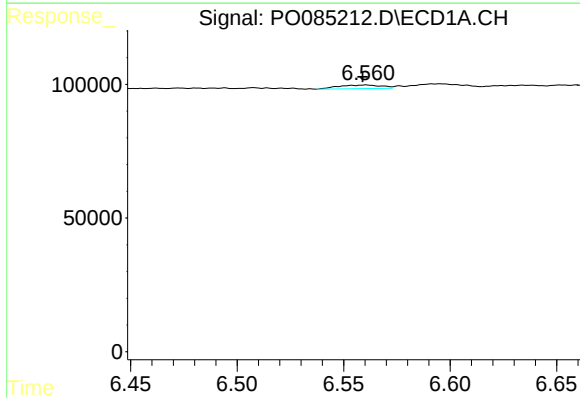
R.T.: 6.634 min
Delta R.T.: 0.011 min
Response: 7216
Conc: 2.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



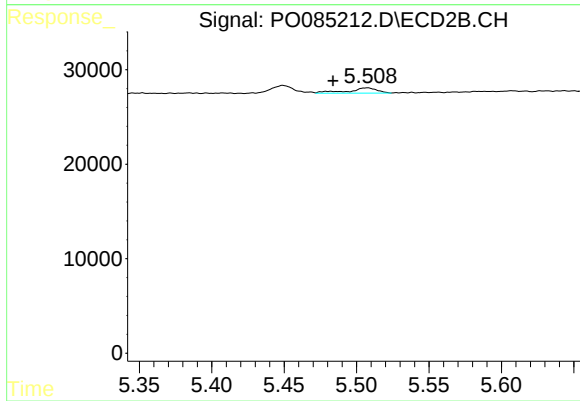
#25 AR-1248-5

R.T.: 5.508 min
Delta R.T.: -0.016 min
Response: 7779
Conc: 4.75 ng/ml



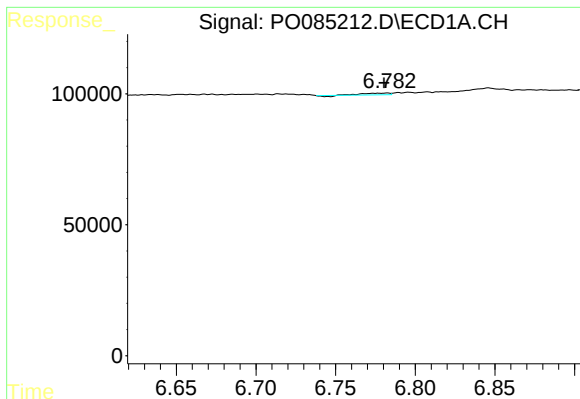
#26 AR-1254-1

R.T.: 6.561 min
Delta R.T.: 0.002 min
Response: 18530
Conc: 5.42 ng/ml



#26 AR-1254-1

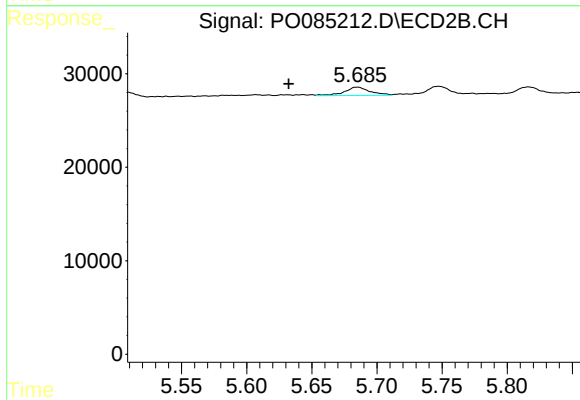
R.T.: 5.508 min
Delta R.T.: 0.024 min
Response: 7779
Conc: 3.05 ng/ml



#27 AR-1254-2

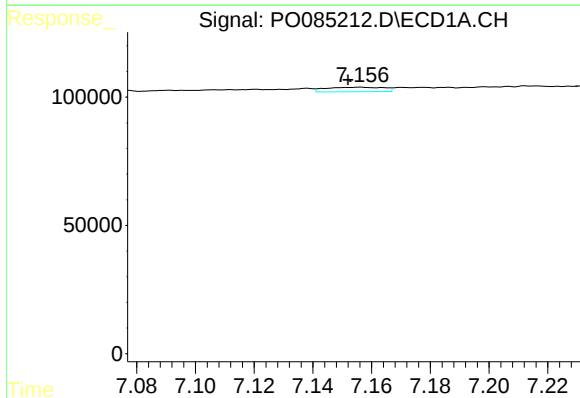
R.T.: 6.783 min
Delta R.T.: 0.002 min
Response: 6969
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



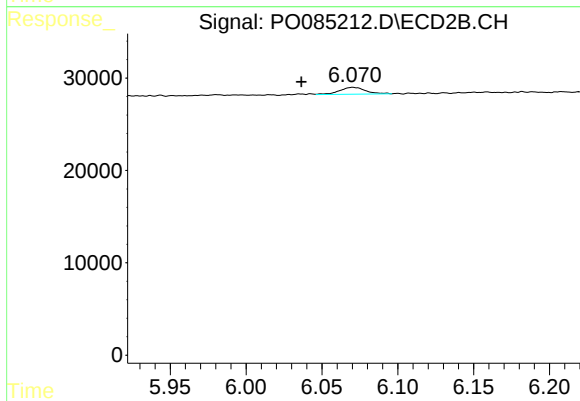
#27 AR-1254-2

R.T.: 5.685 min
Delta R.T.: 0.053 min
Response: 12224
Conc: 5.23 ng/ml



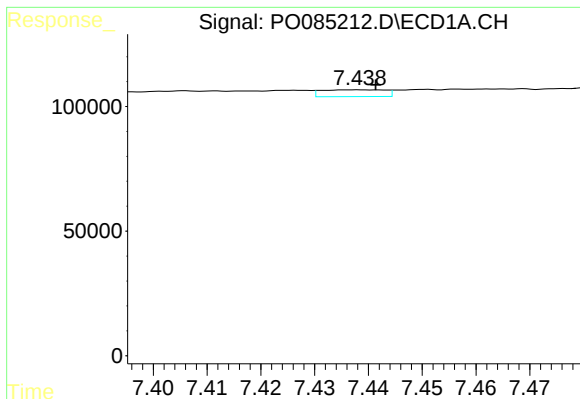
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: 0.004 min
Response: 24076
Conc: 4.78 ng/ml



#28 AR-1254-3

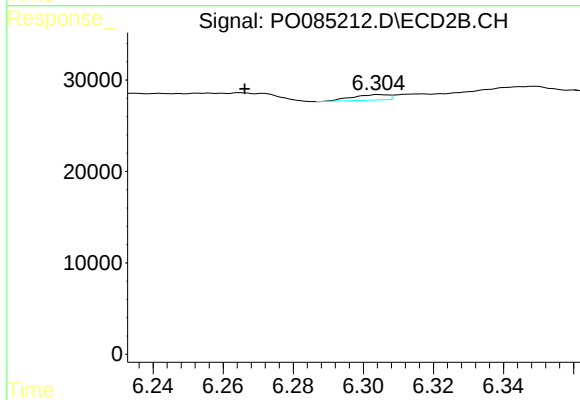
R.T.: 6.070 min
Delta R.T.: 0.034 min
Response: 8845
Conc: 2.45 ng/ml



#29 AR-1254-4

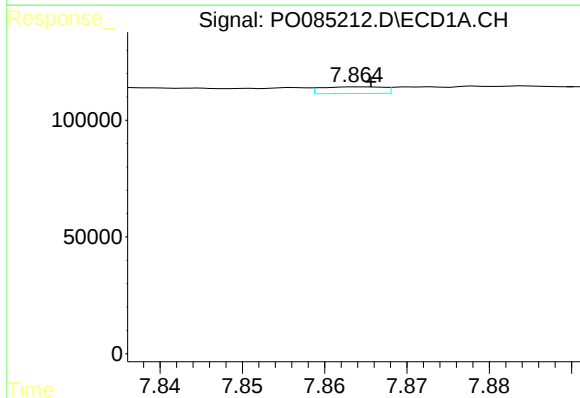
R.T.: 7.438 min
Delta R.T.: -0.003 min
Response: 22340
Conc: 6.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



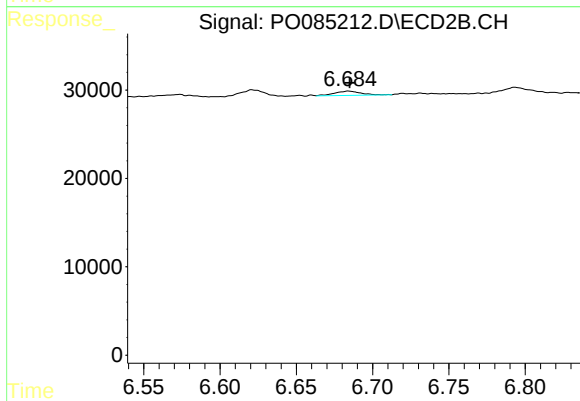
#29 AR-1254-4

R.T.: 6.304 min
Delta R.T.: 0.038 min
Response: 4257
Conc: 1.91 ng/ml



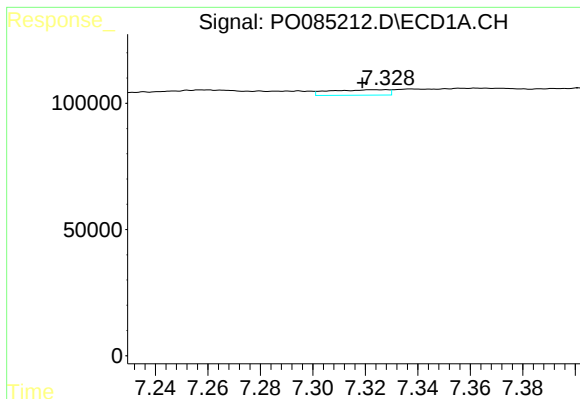
#30 AR-1254-5

R.T.: 7.864 min
Delta R.T.: -0.001 min
Response: 15222
Conc: 3.89 ng/ml



#30 AR-1254-5

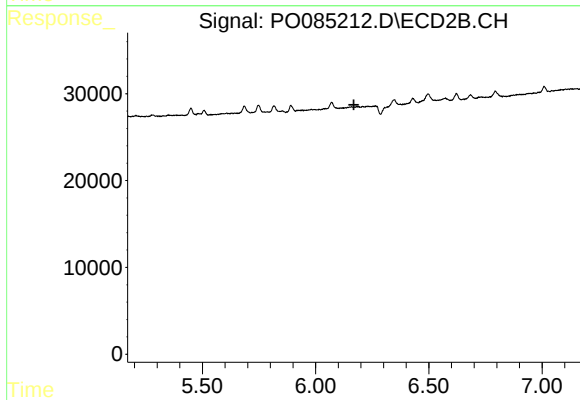
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 5847
Conc: 1.74 ng/ml



#31 AR-1260-1

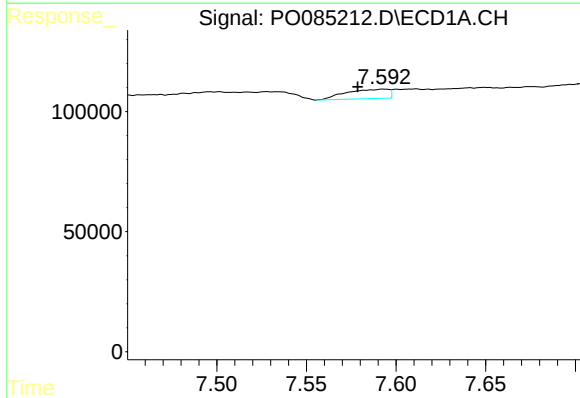
R.T.: 7.323 min
Delta R.T.: 0.004 min
Response: 33623
Conc: 8.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



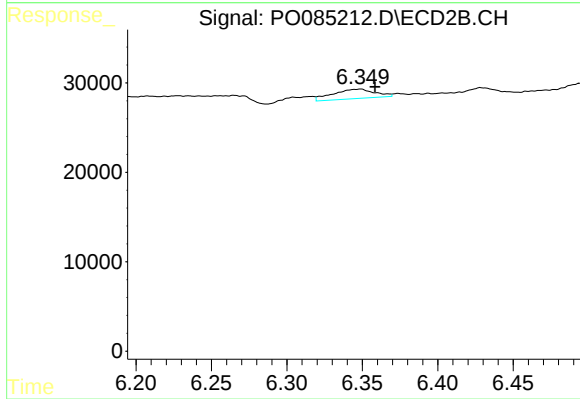
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



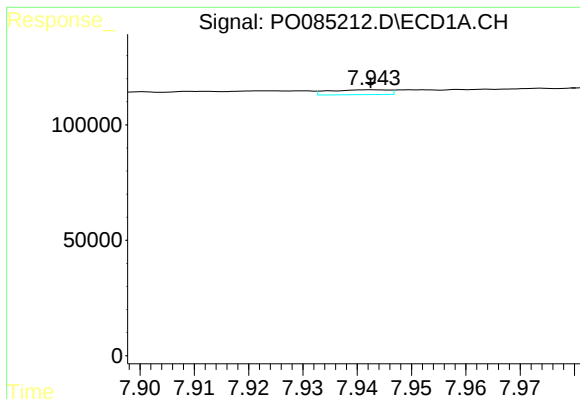
#32 AR-1260-2

R.T.: 7.593 min
Delta R.T.: 0.014 min
Response: 64866
Conc: 13.53 ng/ml



#32 AR-1260-2

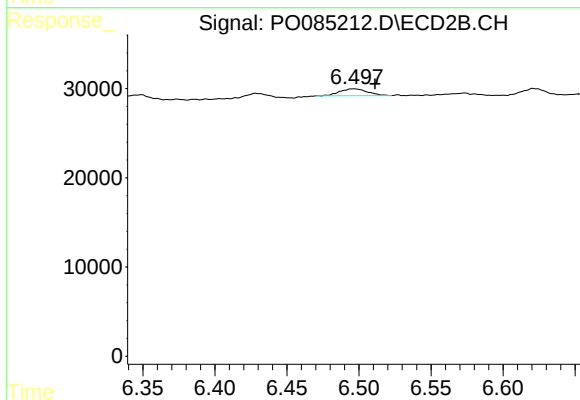
R.T.: 6.349 min
Delta R.T.: -0.009 min
Response: 20440
Conc: 6.54 ng/ml



#33 AR-1260-3

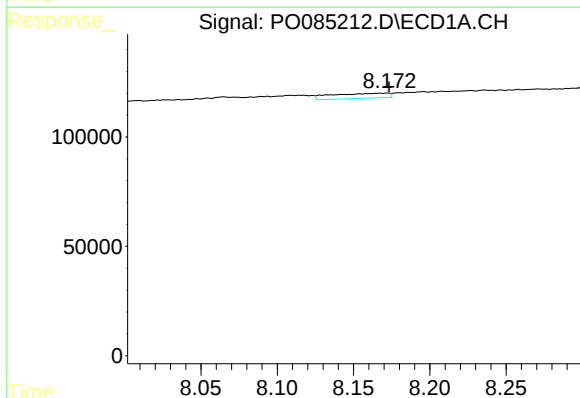
R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 15907
Conc: 4.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



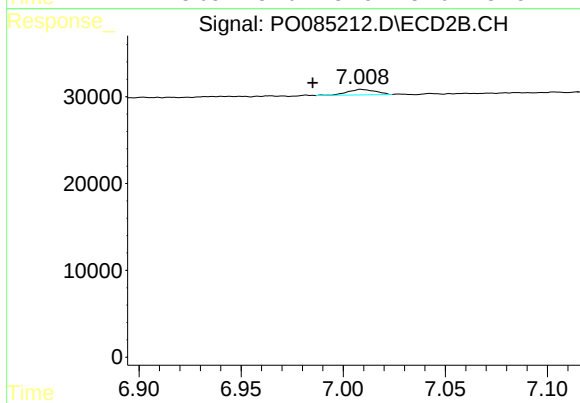
#33 AR-1260-3

R.T.: 6.497 min
Delta R.T.: -0.014 min
Response: 10367
Conc: 3.35 ng/ml



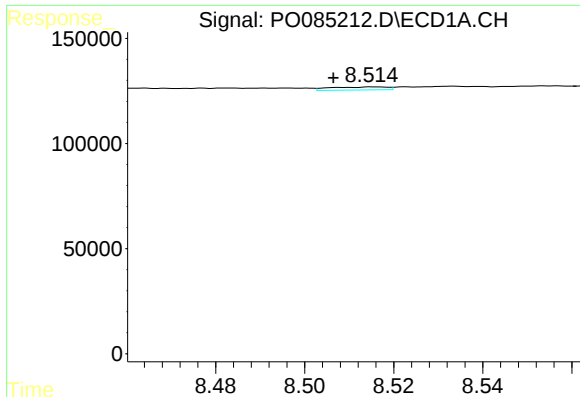
#34 AR-1260-4

R.T.: 8.172 min
Delta R.T.: 0.000 min
Response: 59134
Conc: 15.47 ng/ml



#34 AR-1260-4

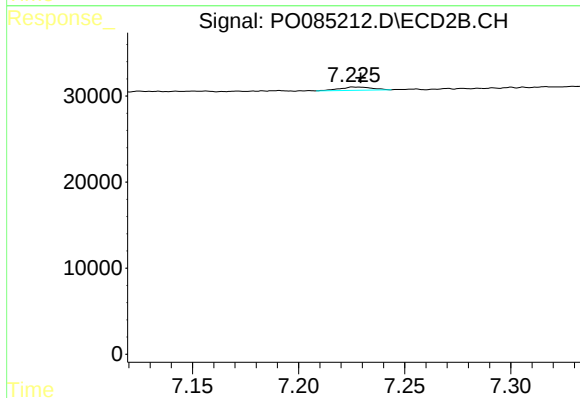
R.T.: 7.009 min
Delta R.T.: 0.024 min
Response: 6068
Conc: 2.75 ng/ml



#35 AR-1260-5

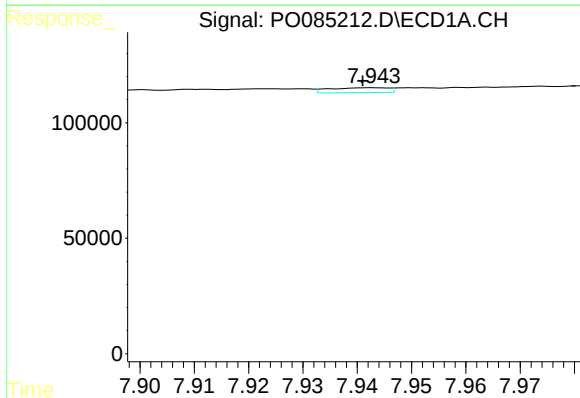
R.T.: 8.515 min
Delta R.T.: 0.009 min
Response: 13114
Conc: 1.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



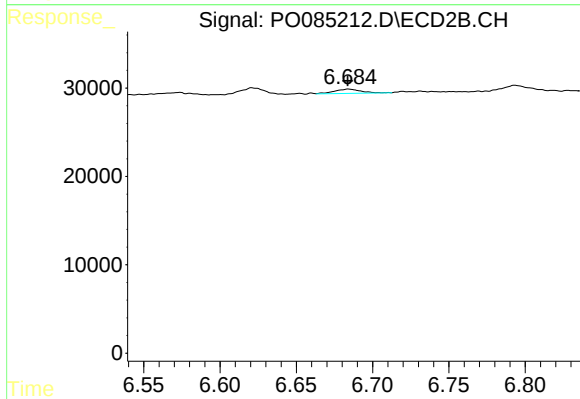
#35 AR-1260-5

R.T.: 7.226 min
Delta R.T.: -0.004 min
Response: 3959
Conc: 0.80 ng/ml



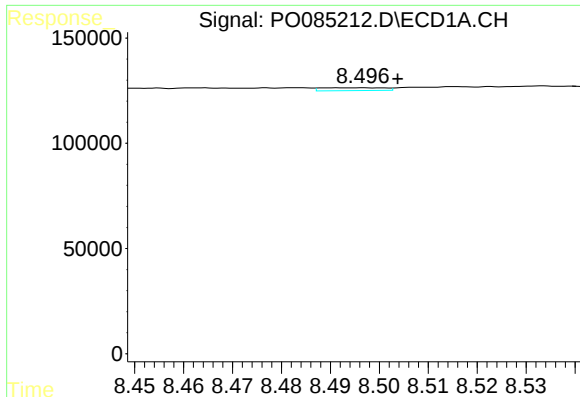
#36 AR-1262-1

R.T.: 7.943 min
Delta R.T.: 0.002 min
Response: 15907
Conc: 3.49 ng/ml



#36 AR-1262-1

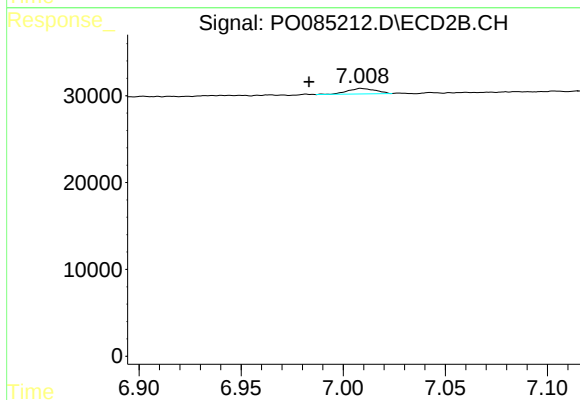
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 5847
Conc: 3.40 ng/ml



#37 AR-1262-2

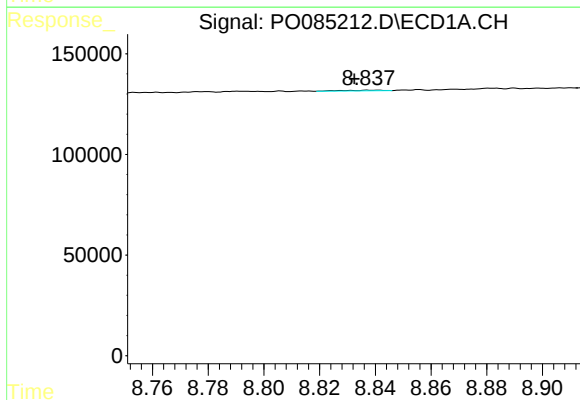
R.T.: 8.497 min
Delta R.T.: -0.007 min
Response: 12005
Conc: 1.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



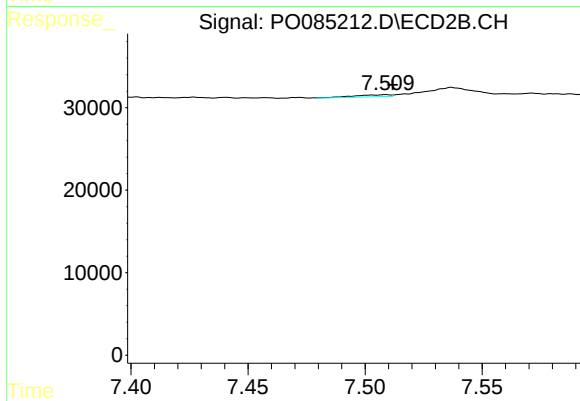
#37 AR-1262-2

R.T.: 7.009 min
Delta R.T.: 0.026 min
Response: 6068
Conc: 2.11 ng/ml



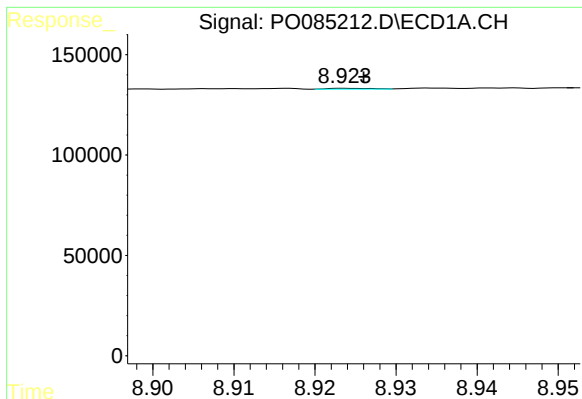
#38 AR-1262-3

R.T.: 8.837 min
Delta R.T.: 0.005 min
Response: 3144
Conc: 0.59 ng/ml



#38 AR-1262-3

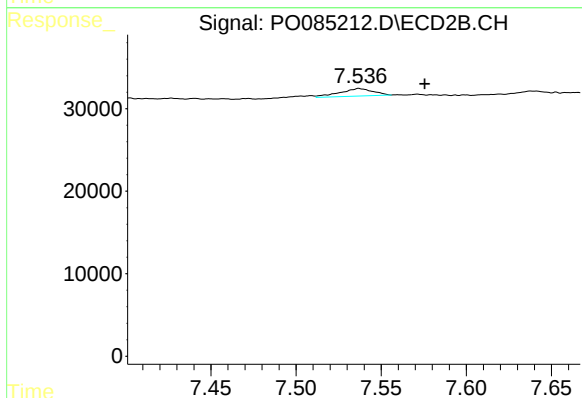
R.T.: 7.509 min
Delta R.T.: -0.003 min
Response: 2564
Conc: 1.13 ng/ml



#39 AR-1262-4

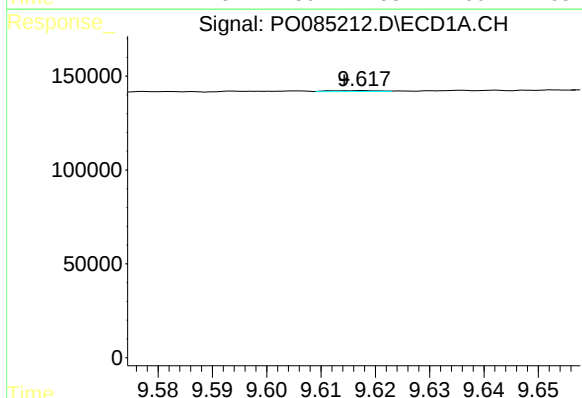
R.T.: 8.924 min
Delta R.T.: -0.002 min
Response: 1601
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



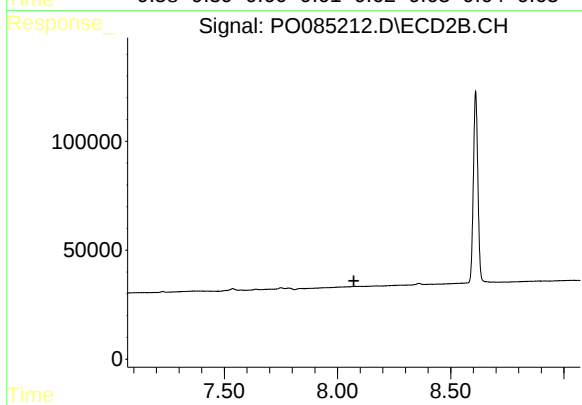
#39 AR-1262-4

R.T.: 7.537 min
Delta R.T.: -0.039 min
Response: 12203
Conc: 2.97 ng/ml



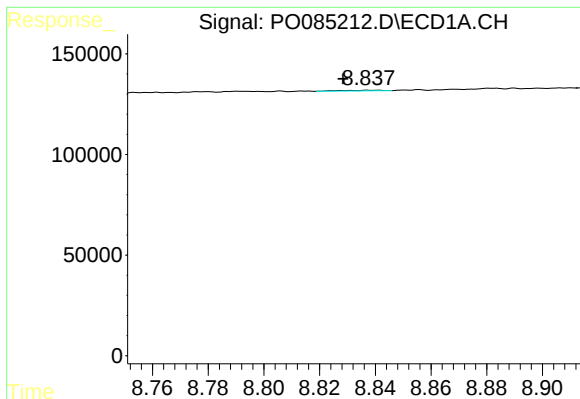
#40 AR-1262-5

R.T.: 9.618 min
Delta R.T.: 0.003 min
Response: 2766
Conc: 1.00 ng/ml



#40 AR-1262-5

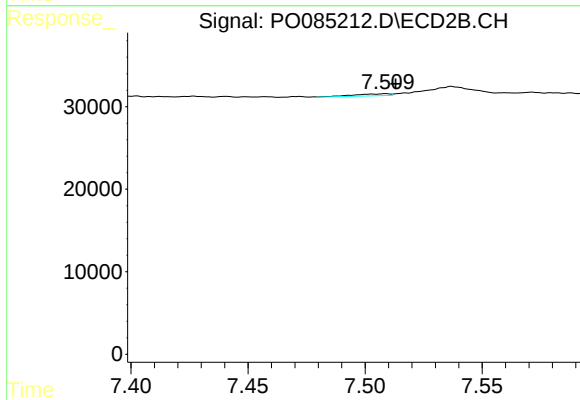
R.T.: 0.000 min
Exp R.T. : 8.072 min
Response: 0
Conc: N.D.



#41 AR-1268-1

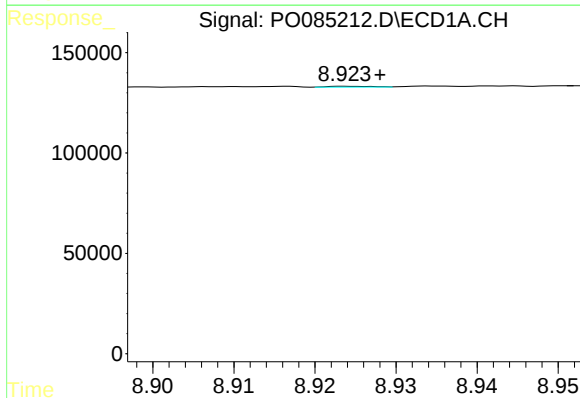
R.T.: 8.837 min
Delta R.T.: 0.009 min
Response: 3144
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



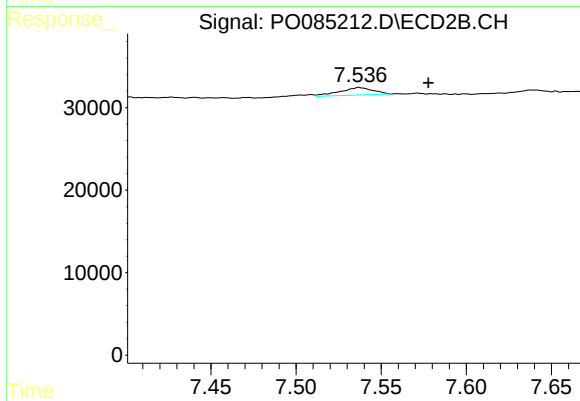
#41 AR-1268-1

R.T.: 7.509 min
Delta R.T.: -0.004 min
Response: 2564
Conc: 0.39 ng/ml



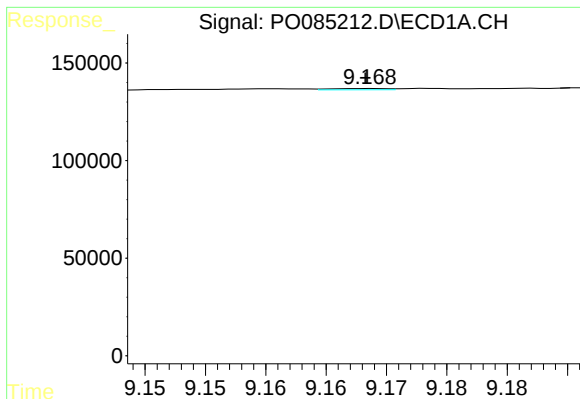
#42 AR-1268-2

R.T.: 8.924 min
Delta R.T.: -0.004 min
Response: 1601
Conc: 0.19 ng/ml



#42 AR-1268-2

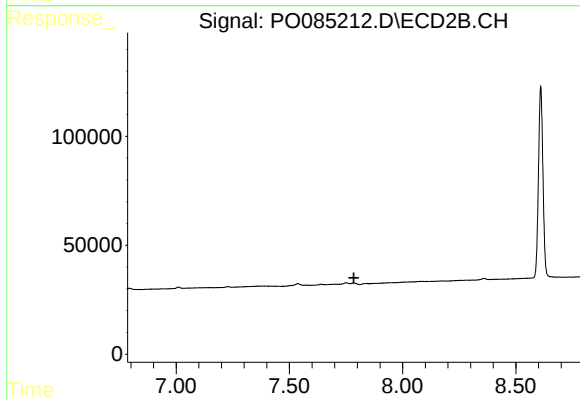
R.T.: 7.537 min
Delta R.T.: -0.041 min
Response: 12203
Conc: 2.09 ng/ml



#43 AR-1268-3

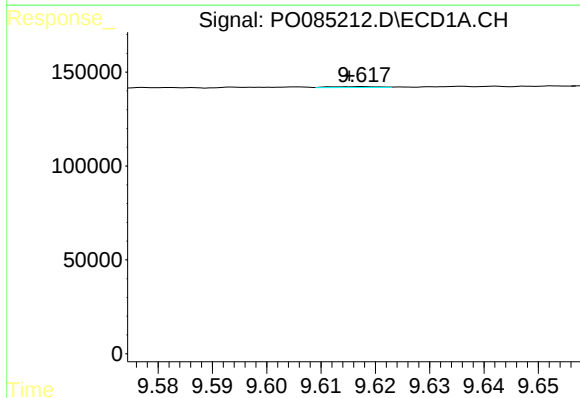
R.T.: 9.169 min
Delta R.T.: 0.000 min
Response: 2043
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



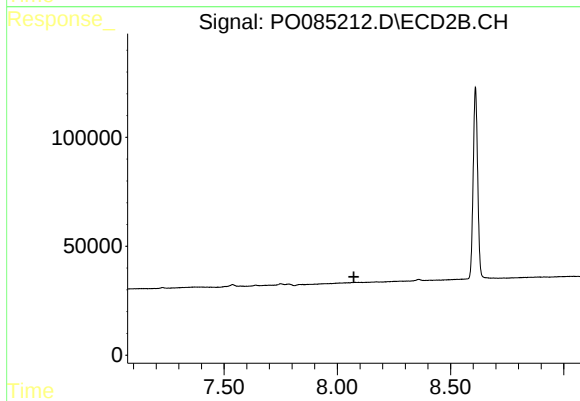
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.785 min
Response: 0
Conc: N.D.



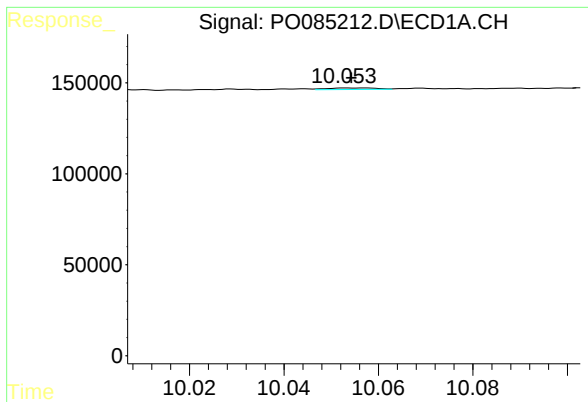
#44 AR-1268-4

R.T.: 9.618 min
Delta R.T.: 0.002 min
Response: 2766
Conc: 0.90 ng/ml



#44 AR-1268-4

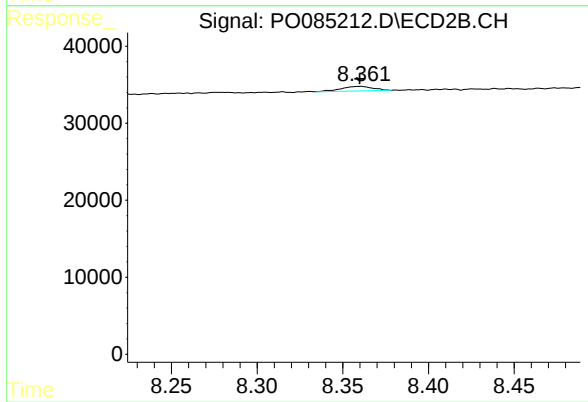
R.T.: 0.000 min
Exp R.T. : 8.073 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.053 min
Delta R.T.: -0.001 min
Response: 5937
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 8086
Conc: 0.56 ng/ml