

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0030922\
 Data File : P0085202.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Mar 2022 19:36
 Operator : YP\AJ
 Sample : N1645-08
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 02:17:08 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...	4.500	3.591	4078322	1317185	23.752	28.866
2)	SA Decachlor...	10.418	8.612	1881696	1183152	28.735	31.077
Target Compounds							
3)	L1 AR-1016-1	5.690	4.697	13593	20828	2.980	12.440 #
4)	L1 AR-1016-2	5.711	4.697	21555	20828	3.200	8.601 #
5)	L1 AR-1016-3	5.773	4.875	27249	6282	6.749	4.589 #
6)	L1 AR-1016-4	5.880	4.928	11556	5162	3.449	4.495 #
7)	L1 AR-1016-5	6.173	0.000	2690	0	0.871	N.D. #
8)	L2 AR-1221-1	4.711	3.806	301129	29675	162.966	53.832 #
9)	L2 AR-1221-2	4.804	3.891	141461	53215	106.345	125.164
10)	L2 AR-1221-3	4.877	3.968	268813	70589	68.908	54.191
11)	L3 AR-1232-1	4.877	3.968	268813	70589	95.211	71.069 #
12)	L3 AR-1232-2	5.419	4.697	53344	20828	33.113	19.899 #
13)	L3 AR-1232-3	5.711	4.875	21555	6282	7.615	11.033 #
14)	L3 AR-1232-4	5.880	4.928	11556	5162	8.474	9.774
15)	L3 AR-1232-5	5.999	0.000	4894	0	4.758	N.D. #
16)	L4 AR-1242-1	5.690	4.697	13593	20828	3.989	16.637 #
17)	L4 AR-1242-2	5.711	4.697	21555	20828	4.306	11.596 #
18)	L4 AR-1242-3	5.773	4.875	27249	6282	8.974	6.366 #
19)	L4 AR-1242-4	5.880	4.928	11556	5162	4.905	5.048
20)	L4 AR-1242-5	6.622	0.000	2009	0	1.062	N.D. #
21)	L5 AR-1248-1	5.690	4.697	13593	20828	5.115	20.406 #
22)	L5 AR-1248-2	5.999	4.928	4894	5162	1.475	3.563 #
23)	L5 AR-1248-3	6.173	4.928	2690	5162	0.785	3.490 #
24)	L5 AR-1248-4	6.580	0.000	5717	0	1.723	N.D. #
25)	L5 AR-1248-5	6.622	0.000	2009	0	0.636	N.D. #
26)	L6 AR-1254-1	6.557	0.000	10098	0	2.953	N.D. #
27)	L6 AR-1254-2	6.781	0.000	7873	0	1.549	N.D. #
28)	L6 AR-1254-3	7.159	0.000	33667	0	6.685	N.D. #
29)	L6 AR-1254-4	7.439	6.309f	46115	5388	12.608	2.417 #
30)	L6 AR-1254-5	7.865	6.729f	20618	7202	5.267	2.144 #
31)	L7 AR-1260-1	7.317	0.000	23267	0	5.720	N.D. #
32)	L7 AR-1260-2	7.596	6.353	112946	8391	23.562	2.683 #
33)	L7 AR-1260-3	7.943	6.499	11278	18123	3.470	5.852 #
34)	L7 AR-1260-4	8.164	6.948f	26867	6716	7.029	3.048 #
35)	L7 AR-1260-5	8.510	7.204	8465	1390	1.230	0.279 #
36)	L8 AR-1262-1	7.943	6.729f	11278	7202	2.475	4.193 #
37)	L8 AR-1262-2	8.500	6.948	6258	6716	0.762	2.332 #
38)	L8 AR-1262-3	8.839	0.000	3015	0	0.564	N.D. #
39)	L8 AR-1262-4	8.920	7.642f	3161	4910	1.271	1.194
40)	L8 AR-1262-5	9.614	0.000	1329	0	0.480	N.D. #
41)	L9 AR-1268-1	8.839	0.000	3015	0	0.322	N.D. #

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 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 15 Sample Multiplier: 1

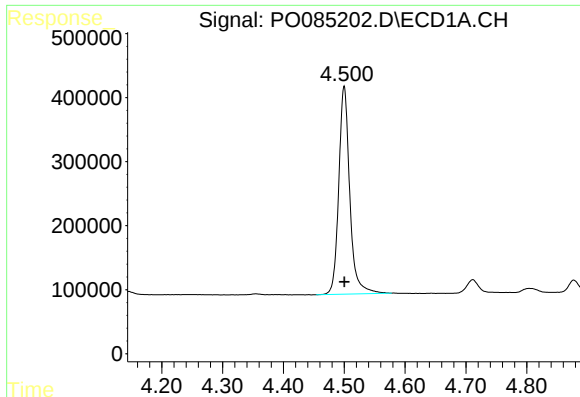
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.934	7.642f	1100	4910	0.130	0.839 #
43) L9	AR-1268-3	9.155	0.000	2305	0	0.321	N.D. #
44) L9	AR-1268-4	9.614	0.000	1329	0	0.434	N.D. #
45) L9	AR-1268-5	10.059	8.361	6172	9063	0.259	0.631 #

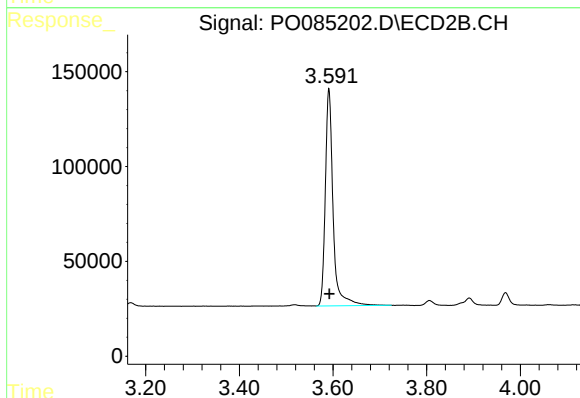
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

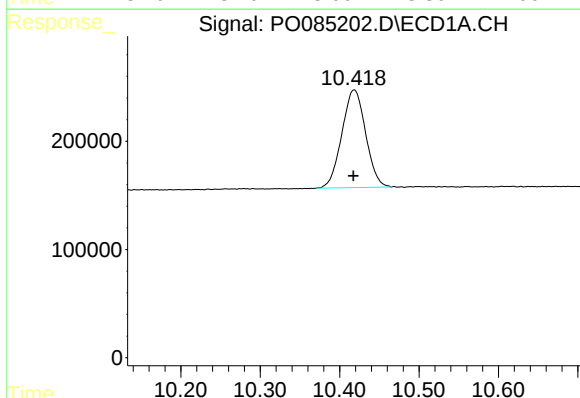
R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 4078322
Conc: 23.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



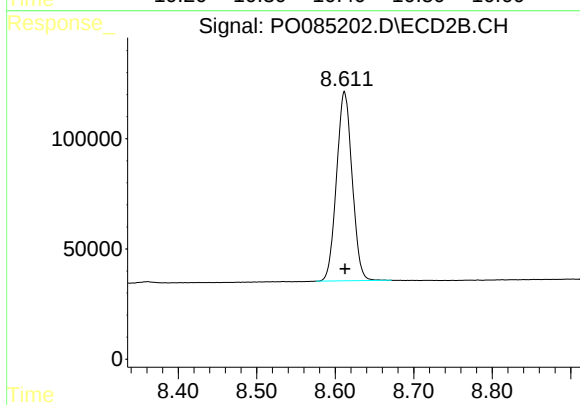
#1 Tetrachloro-m-xylene

R.T.: 3.591 min
Delta R.T.: 0.000 min
Response: 1317185
Conc: 28.87 ng/ml



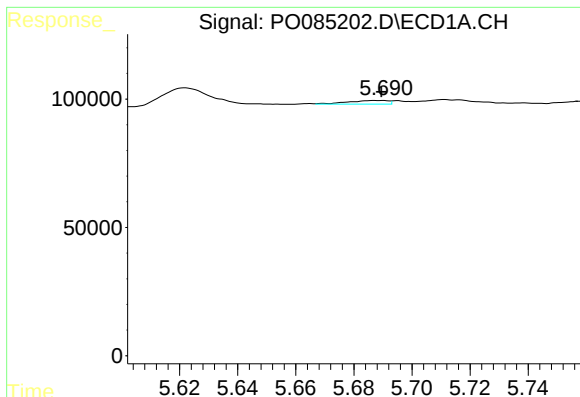
#2 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: 0.001 min
Response: 1881696
Conc: 28.74 ng/ml



#2 Decachlorobiphenyl

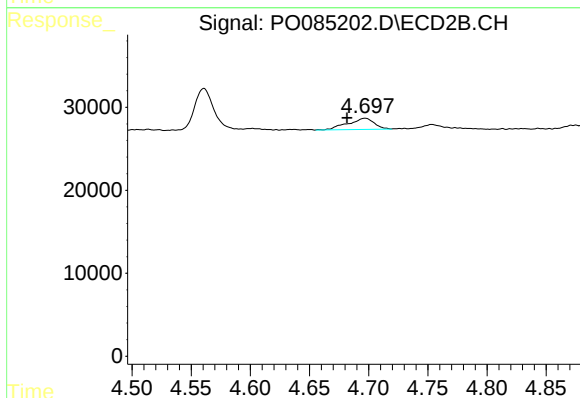
R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 1183152
Conc: 31.08 ng/ml



#3 AR-1016-1

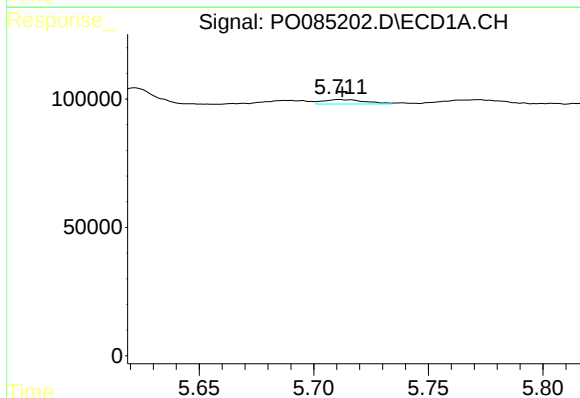
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 13593
Conc: 2.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



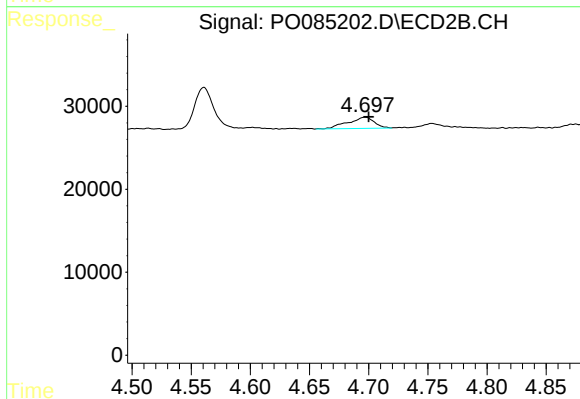
#3 AR-1016-1

R.T.: 4.697 min
Delta R.T.: 0.015 min
Response: 20828
Conc: 12.44 ng/ml



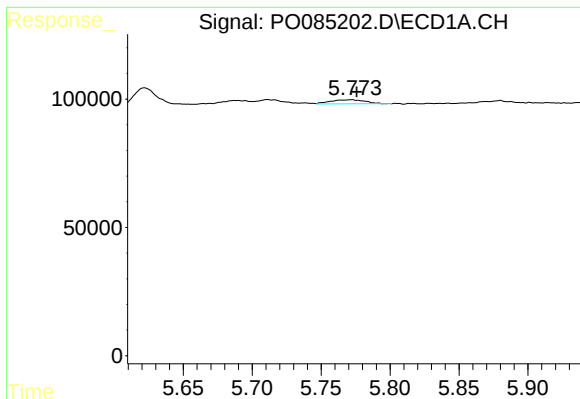
#4 AR-1016-2

R.T.: 5.711 min
Delta R.T.: -0.001 min
Response: 21555
Conc: 3.20 ng/ml



#4 AR-1016-2

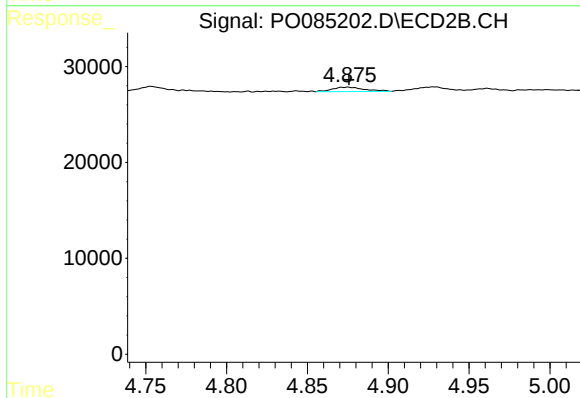
R.T.: 4.697 min
Delta R.T.: -0.003 min
Response: 20828
Conc: 8.60 ng/ml



#5 AR-1016-3

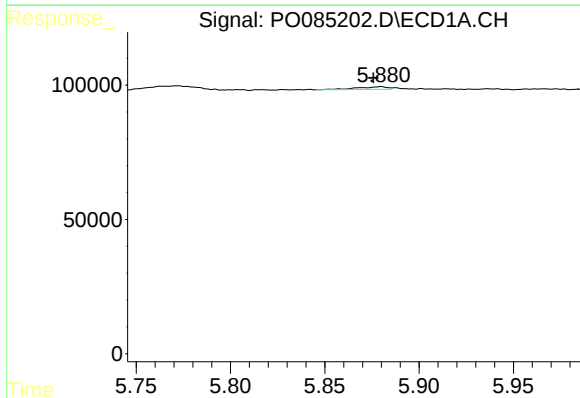
R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 27249
Conc: 6.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



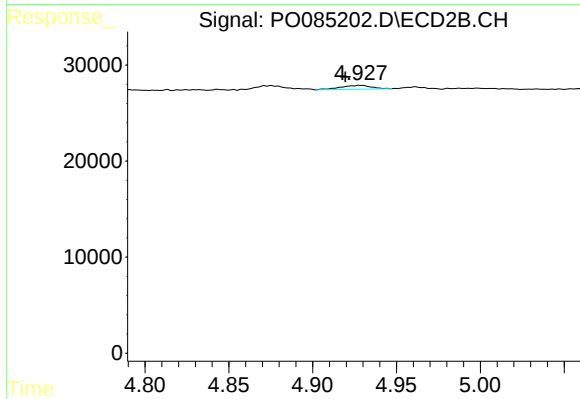
#5 AR-1016-3

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 6282
Conc: 4.59 ng/ml



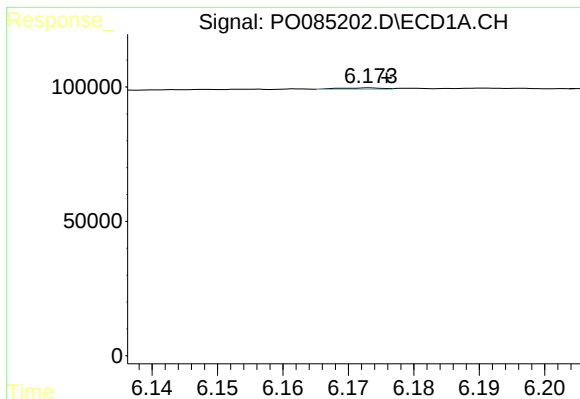
#6 AR-1016-4

R.T.: 5.880 min
Delta R.T.: 0.004 min
Response: 11556
Conc: 3.45 ng/ml



#6 AR-1016-4

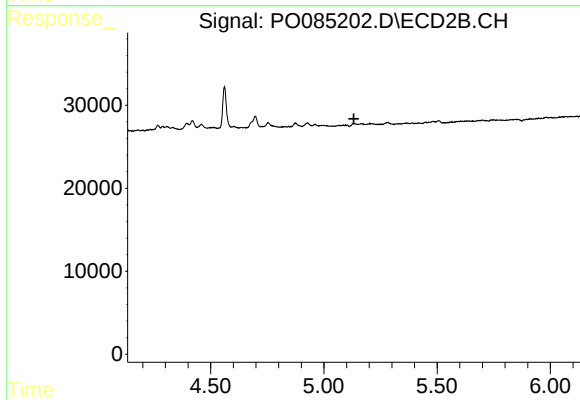
R.T.: 4.928 min
Delta R.T.: 0.008 min
Response: 5162
Conc: 4.49 ng/ml



#7 AR-1016-5

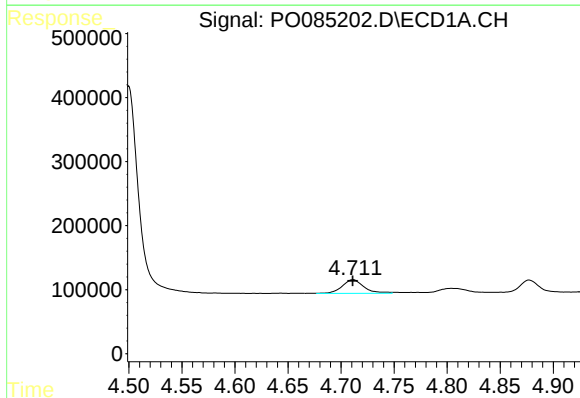
R.T.: 6.173 min
Delta R.T.: -0.002 min
Response: 2690
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



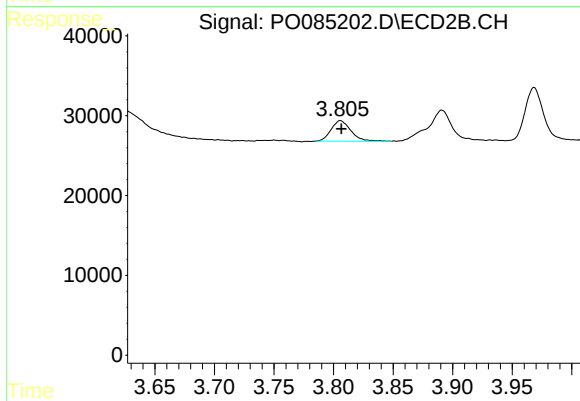
#7 AR-1016-5

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



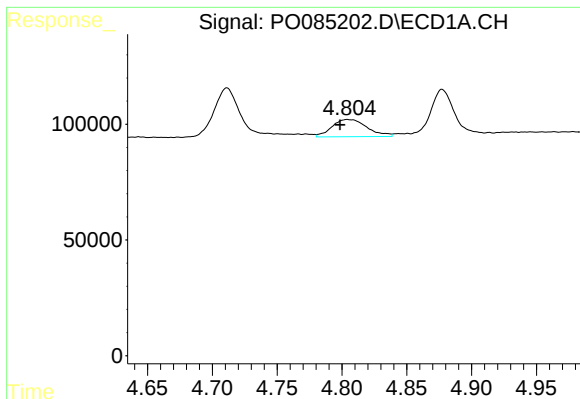
#8 AR-1221-1

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 301129
Conc: 162.97 ng/ml



#8 AR-1221-1

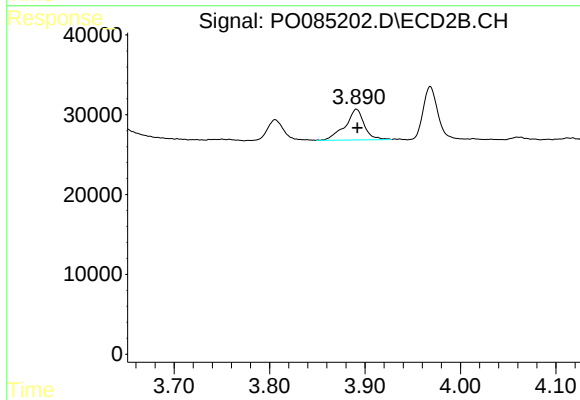
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 29675
Conc: 53.83 ng/ml



#9 AR-1221-2

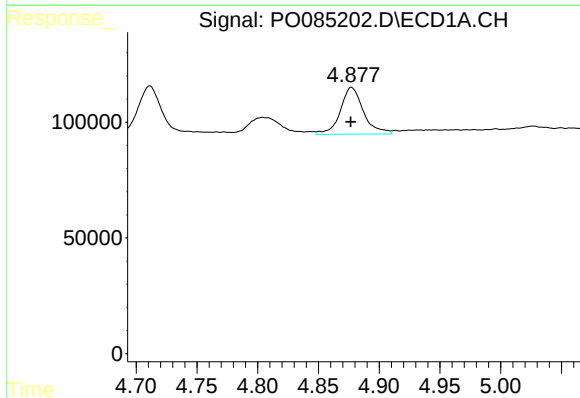
R.T.: 4.804 min
Delta R.T.: 0.006 min
Response: 141461
Conc: 106.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



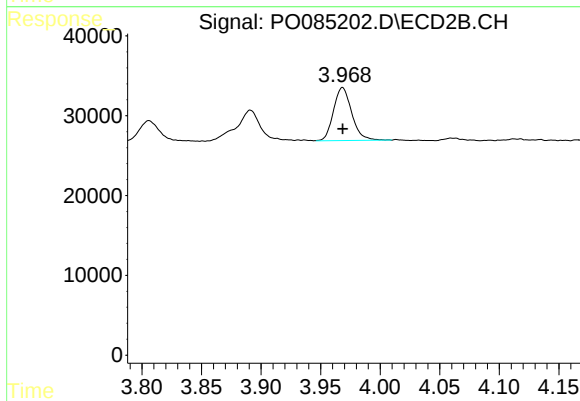
#9 AR-1221-2

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 53215
Conc: 125.16 ng/ml



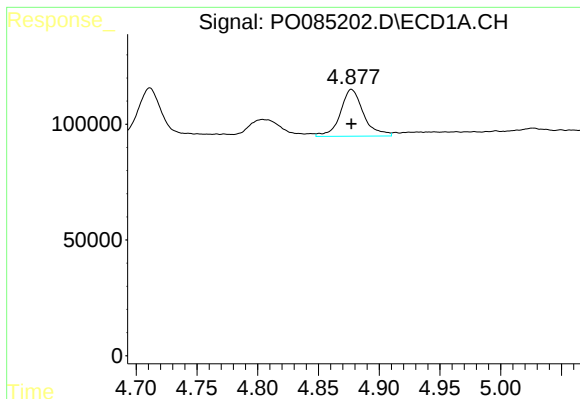
#10 AR-1221-3

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 268813
Conc: 68.91 ng/ml



#10 AR-1221-3

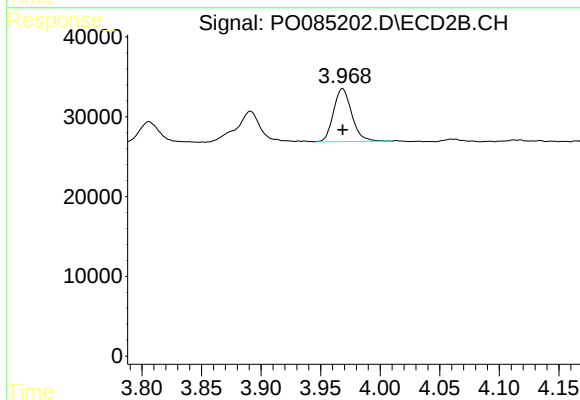
R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 70589
Conc: 54.19 ng/ml



#11 AR-1232-1

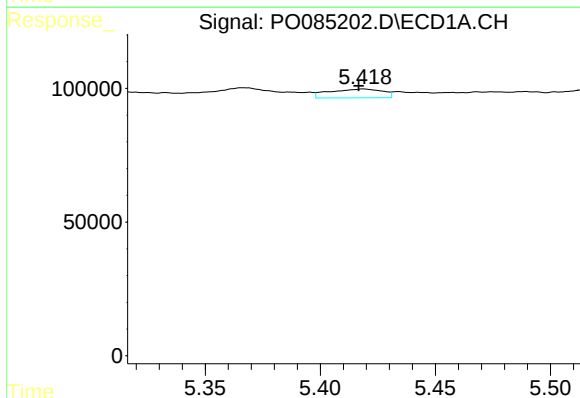
R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 268813
Conc: 95.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



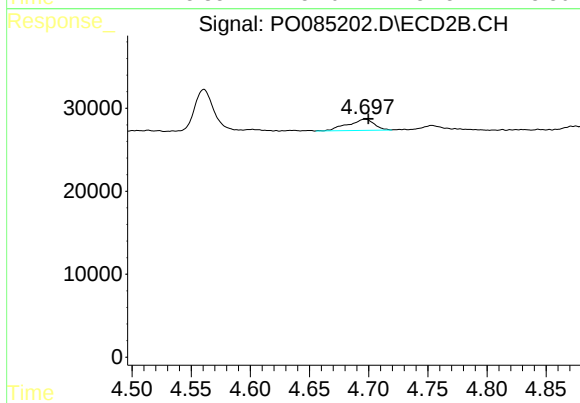
#11 AR-1232-1

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 70589
Conc: 71.07 ng/ml



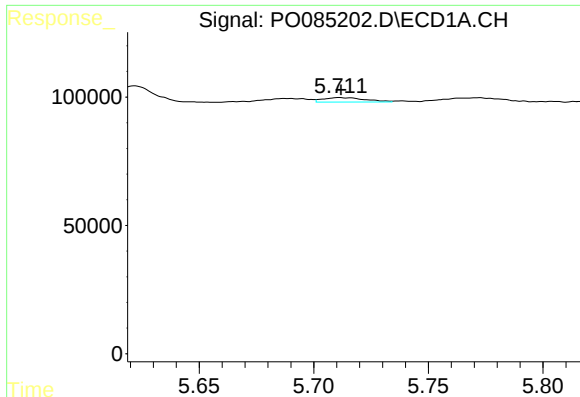
#12 AR-1232-2

R.T.: 5.419 min
Delta R.T.: 0.002 min
Response: 53344
Conc: 33.11 ng/ml



#12 AR-1232-2

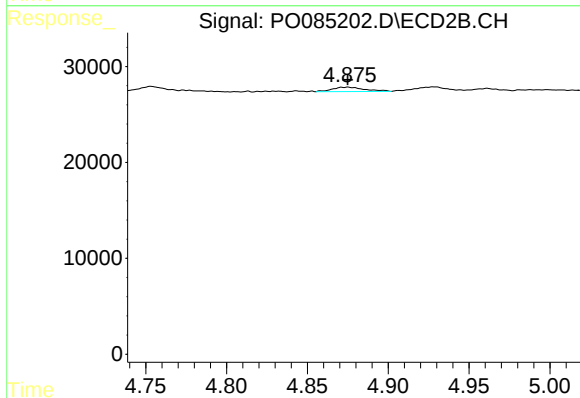
R.T.: 4.697 min
Delta R.T.: -0.003 min
Response: 20828
Conc: 19.90 ng/ml



#13 AR-1232-3

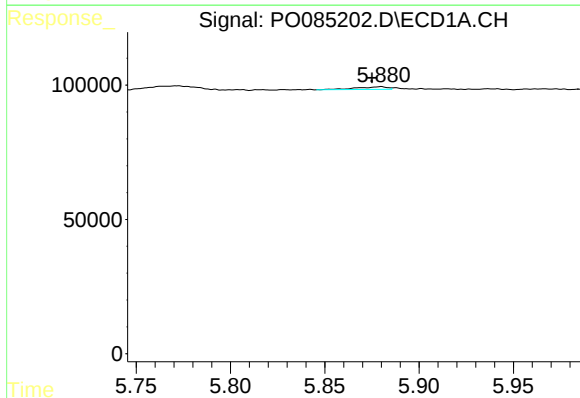
R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 21555
Conc: 7.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



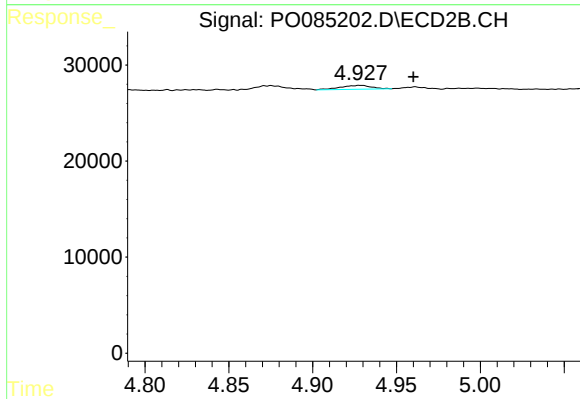
#13 AR-1232-3

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 6282
Conc: 11.03 ng/ml



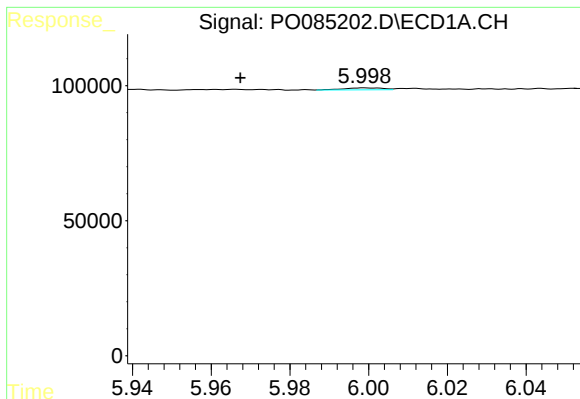
#14 AR-1232-4

R.T.: 5.880 min
Delta R.T.: 0.005 min
Response: 11556
Conc: 8.47 ng/ml



#14 AR-1232-4

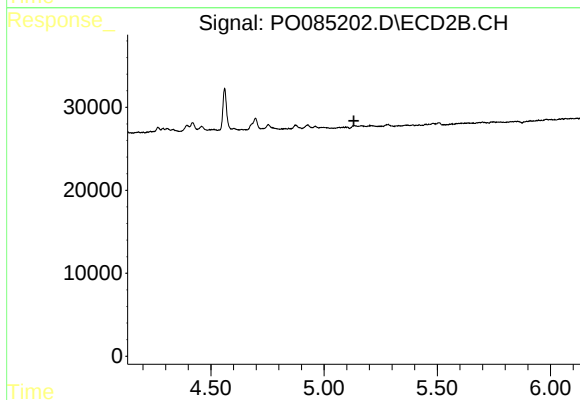
R.T.: 4.928 min
Delta R.T.: -0.032 min
Response: 5162
Conc: 9.77 ng/ml



#15 AR-1232-5

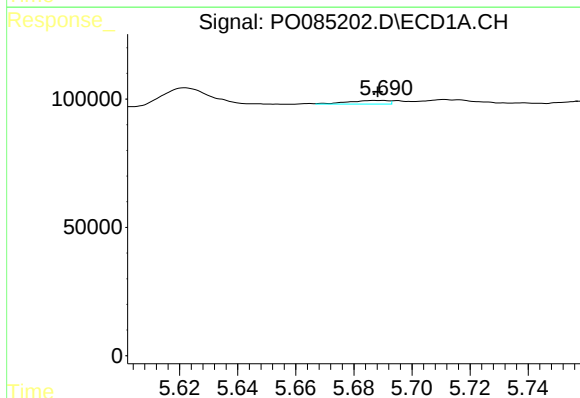
R.T.: 5.999 min
Delta R.T.: 0.031 min
Response: 4894
Conc: 4.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



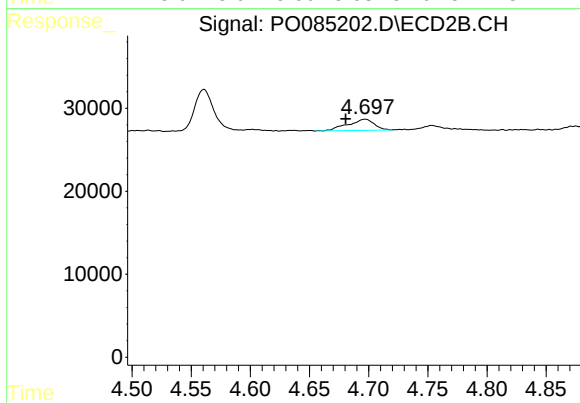
#15 AR-1232-5

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



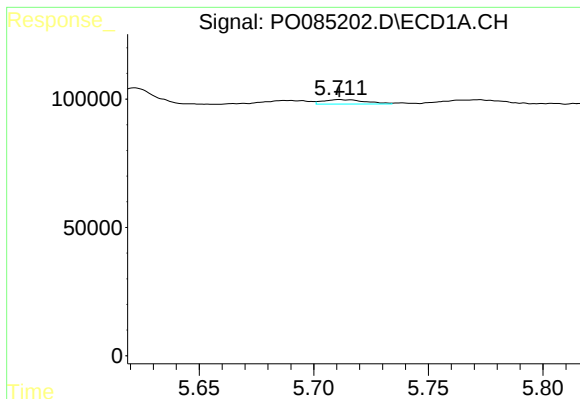
#16 AR-1242-1

R.T.: 5.690 min
Delta R.T.: 0.002 min
Response: 13593
Conc: 3.99 ng/ml



#16 AR-1242-1

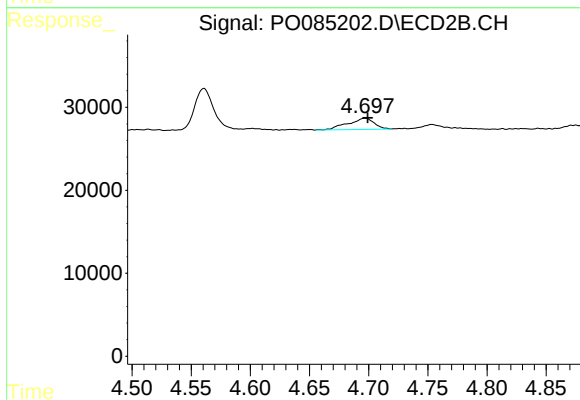
R.T.: 4.697 min
Delta R.T.: 0.017 min
Response: 20828
Conc: 16.64 ng/ml



#17 AR-1242-2

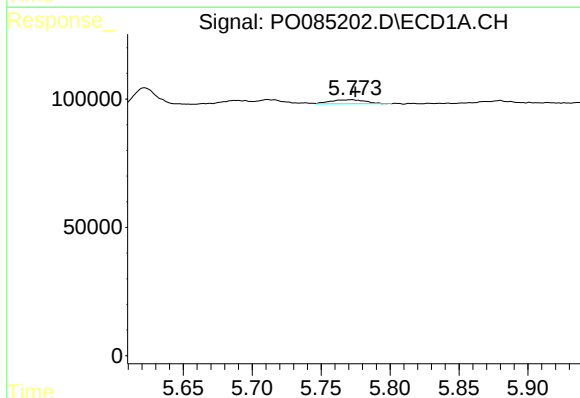
R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 21555
Conc: 4.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



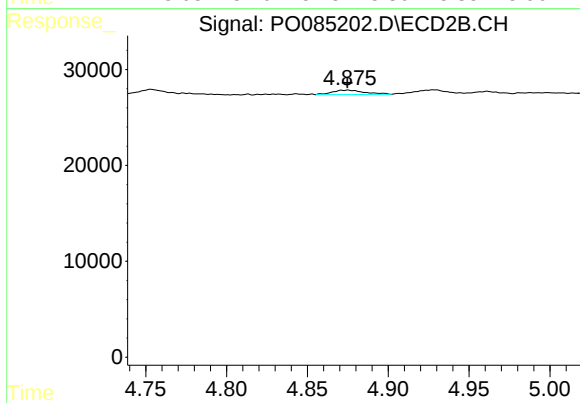
#17 AR-1242-2

R.T.: 4.697 min
Delta R.T.: -0.002 min
Response: 20828
Conc: 11.60 ng/ml



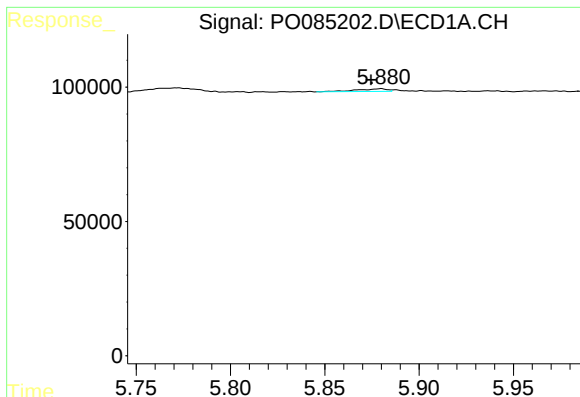
#18 AR-1242-3

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 27249
Conc: 8.97 ng/ml



#18 AR-1242-3

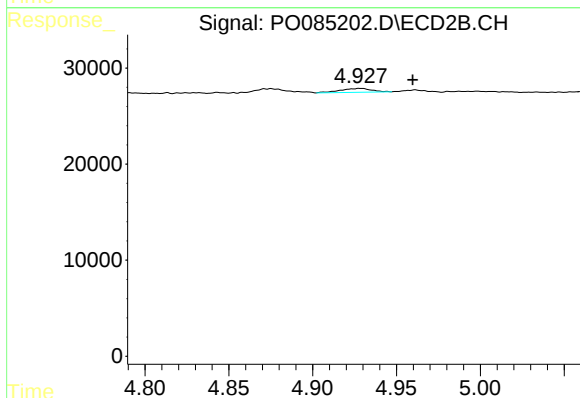
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 6282
Conc: 6.37 ng/ml



#19 AR-1242-4

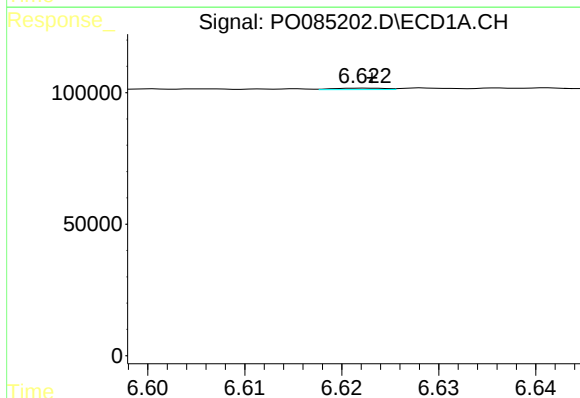
R.T.: 5.880 min
Delta R.T.: 0.006 min
Response: 11556
Conc: 4.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



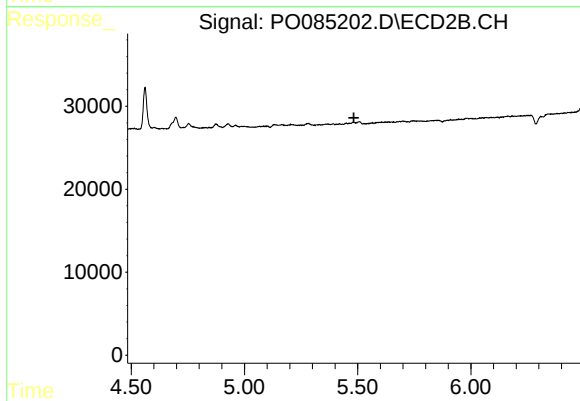
#19 AR-1242-4

R.T.: 4.928 min
Delta R.T.: -0.032 min
Response: 5162
Conc: 5.05 ng/ml



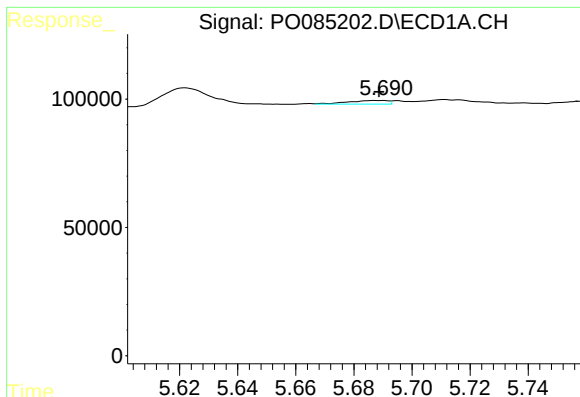
#20 AR-1242-5

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 2009
Conc: 1.06 ng/ml



#20 AR-1242-5

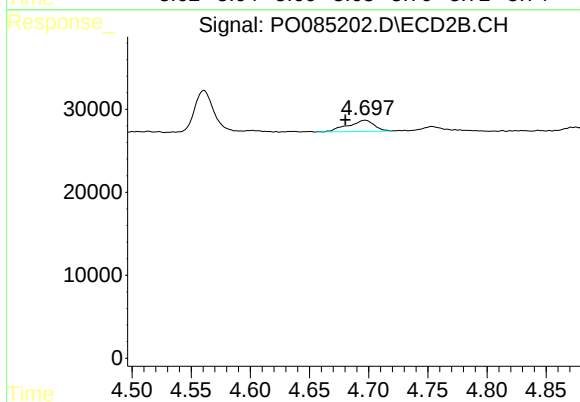
R.T.: 0.000 min
Exp R.T. : 5.483 min
Response: 0
Conc: N.D.



#21 AR-1248-1

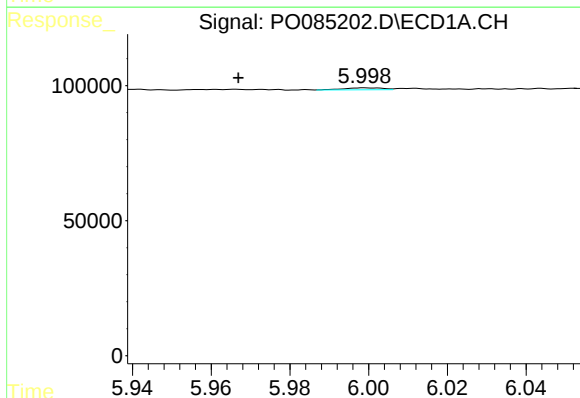
R.T.: 5.690 min
Delta R.T.: 0.001 min
Response: 13593
Conc: 5.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



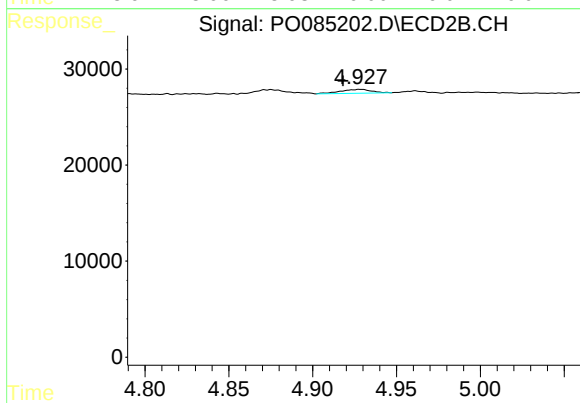
#21 AR-1248-1

R.T.: 4.697 min
Delta R.T.: 0.017 min
Response: 20828
Conc: 20.41 ng/ml



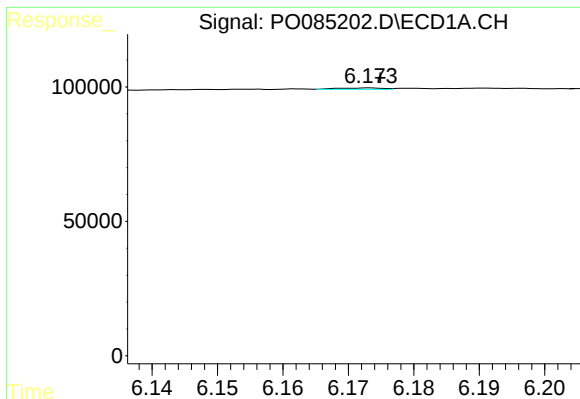
#22 AR-1248-2

R.T.: 5.999 min
Delta R.T.: 0.032 min
Response: 4894
Conc: 1.48 ng/ml



#22 AR-1248-2

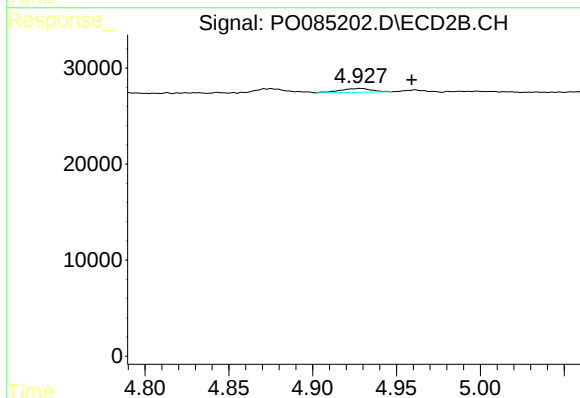
R.T.: 4.928 min
Delta R.T.: 0.010 min
Response: 5162
Conc: 3.56 ng/ml



#23 AR-1248-3

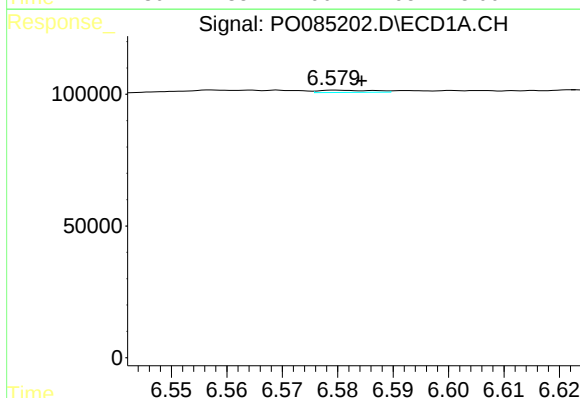
R.T.: 6.173 min
Delta R.T.: -0.002 min
Response: 2690
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



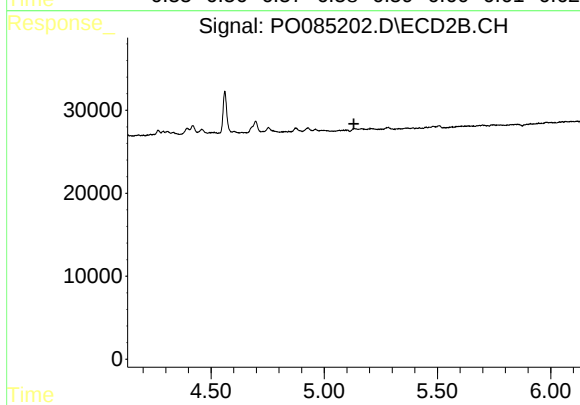
#23 AR-1248-3

R.T.: 4.928 min
Delta R.T.: -0.031 min
Response: 5162
Conc: 3.49 ng/ml



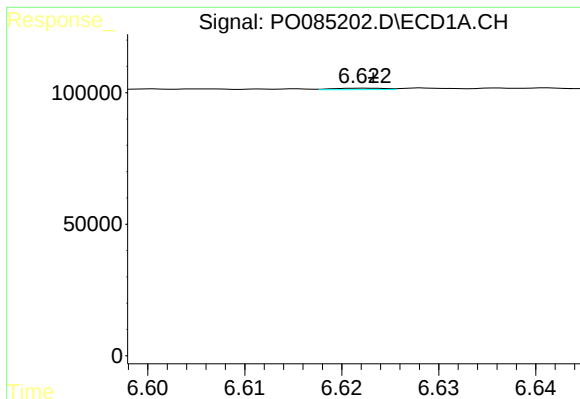
#24 AR-1248-4

R.T.: 6.580 min
Delta R.T.: -0.005 min
Response: 5717
Conc: 1.72 ng/ml



#24 AR-1248-4

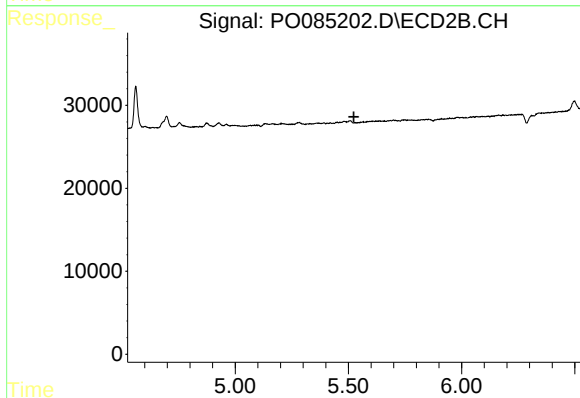
R.T.: 0.000 min
Exp R.T. : 5.131 min
Response: 0
Conc: N.D.



#25 AR-1248-5

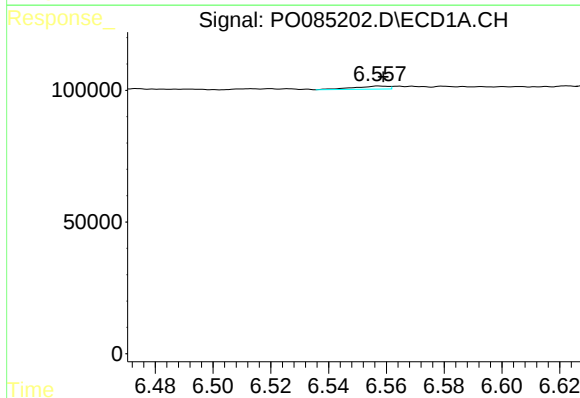
R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 2009
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



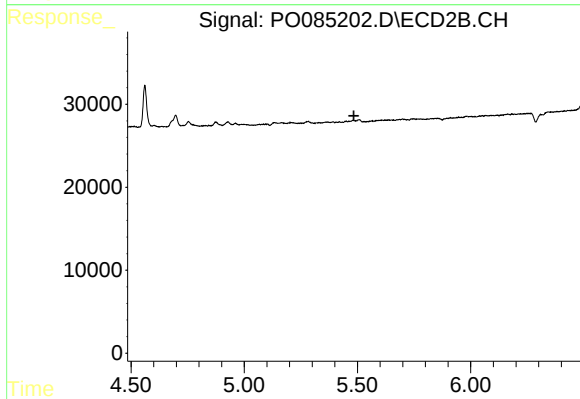
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



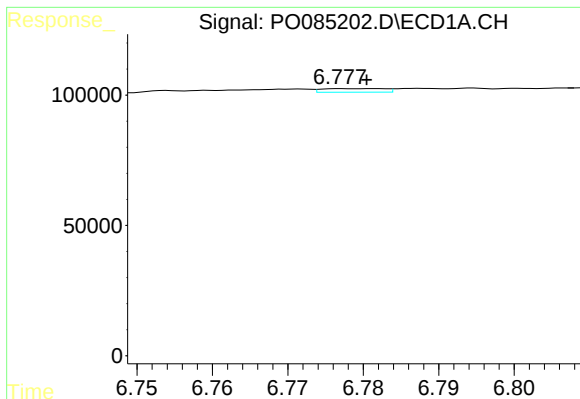
#26 AR-1254-1

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 10098
Conc: 2.95 ng/ml



#26 AR-1254-1

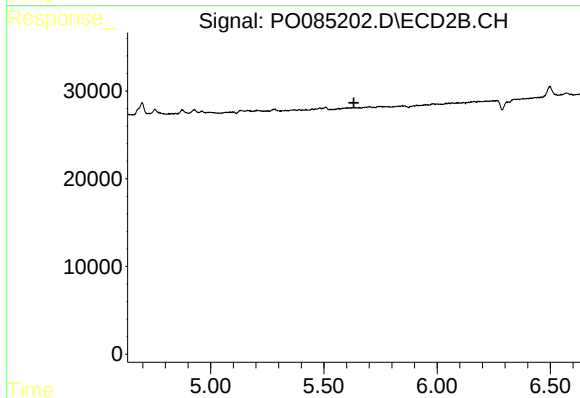
R.T.: 0.000 min
Exp R.T. : 5.484 min
Response: 0
Conc: N.D.



#27 AR-1254-2

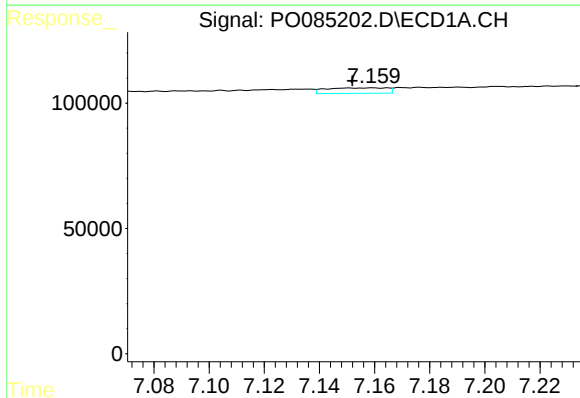
R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 7873
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



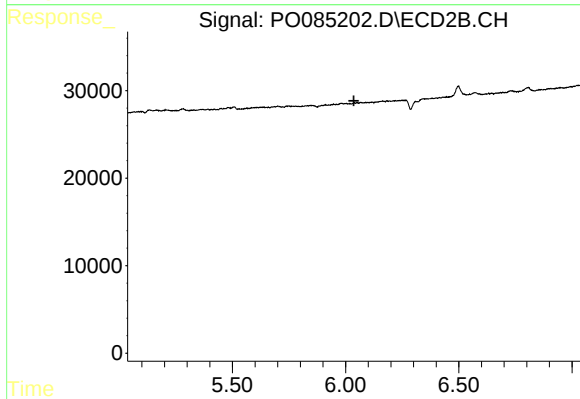
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.632 min
Response: 0
Conc: N.D.



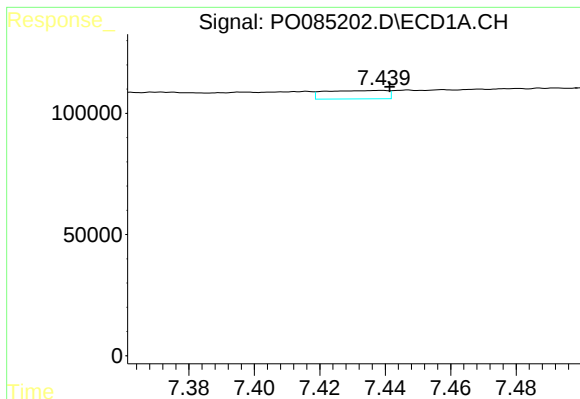
#28 AR-1254-3

R.T.: 7.159 min
Delta R.T.: 0.007 min
Response: 33667
Conc: 6.68 ng/ml



#28 AR-1254-3

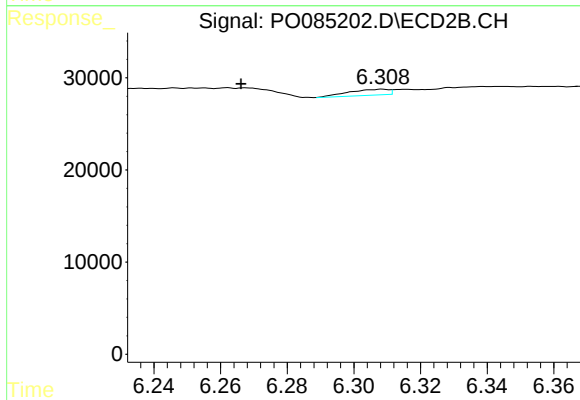
R.T.: 0.000 min
Exp R.T. : 6.036 min
Response: 0
Conc: N.D.



#29 AR-1254-4

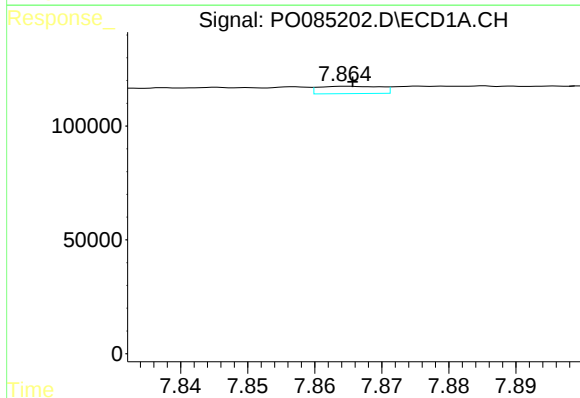
R.T.: 7.439 min
Delta R.T.: -0.002 min
Response: 46115
Conc: 12.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



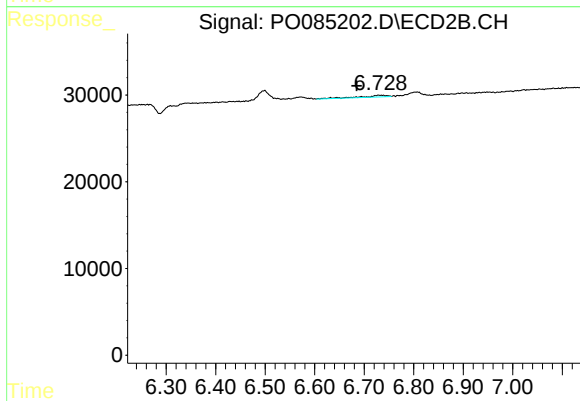
#29 AR-1254-4

R.T.: 6.309 min
Delta R.T.: 0.042 min
Response: 5388
Conc: 2.42 ng/ml



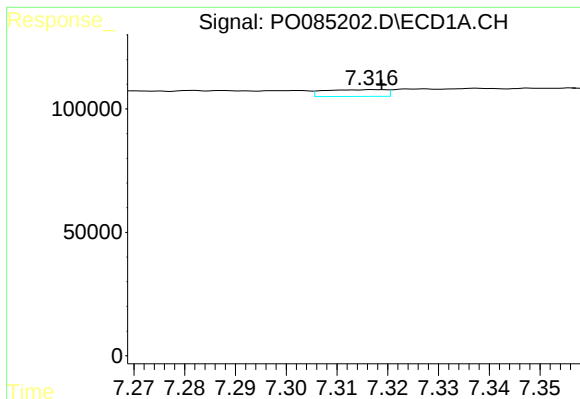
#30 AR-1254-5

R.T.: 7.865 min
Delta R.T.: 0.000 min
Response: 20618
Conc: 5.27 ng/ml



#30 AR-1254-5

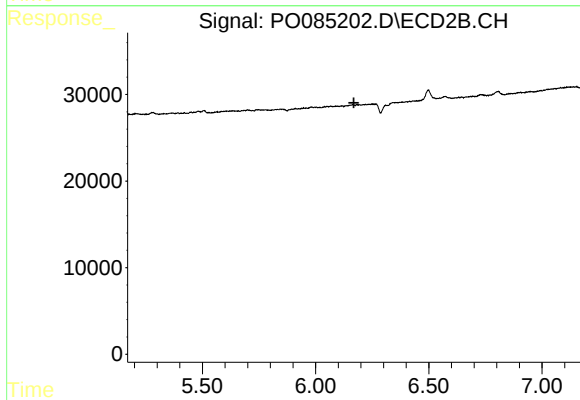
R.T.: 6.729 min
Delta R.T.: 0.044 min
Response: 7202
Conc: 2.14 ng/ml



#31 AR-1260-1

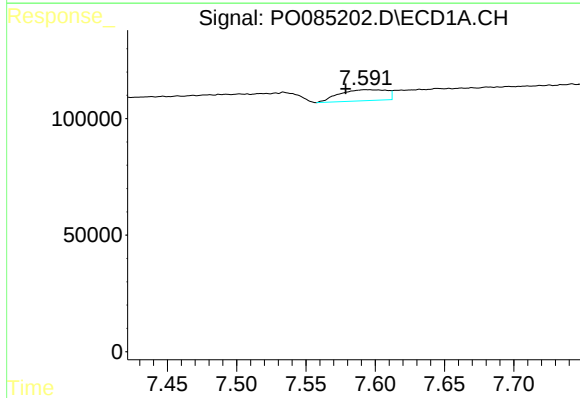
R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 23267
Conc: 5.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



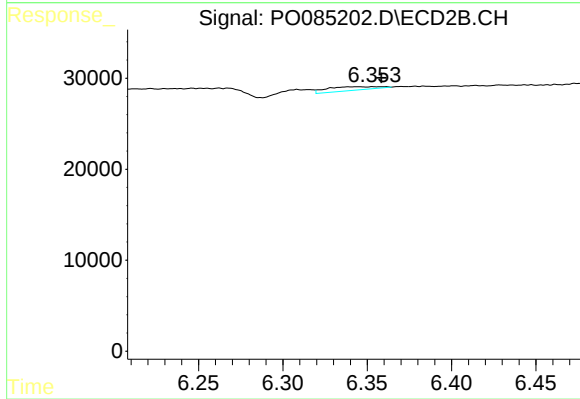
#31 AR-1260-1

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



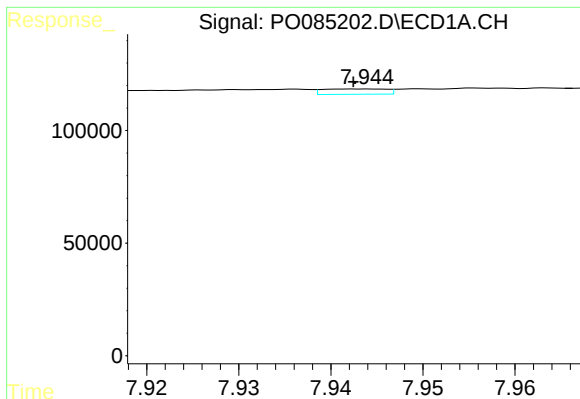
#32 AR-1260-2

R.T.: 7.596 min
Delta R.T.: 0.017 min
Response: 112946
Conc: 23.56 ng/ml



#32 AR-1260-2

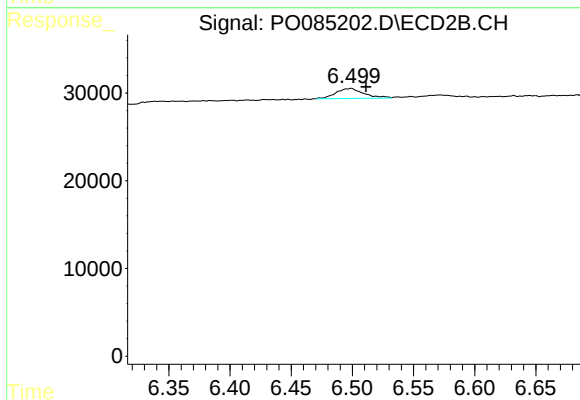
R.T.: 6.353 min
Delta R.T.: -0.005 min
Response: 8391
Conc: 2.68 ng/ml



#33 AR-1260-3

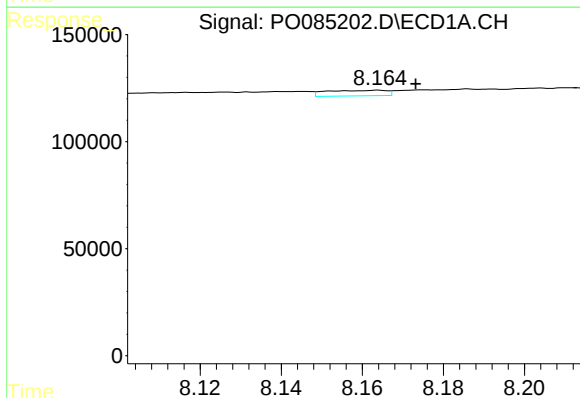
R.T.: 7.943 min
Delta R.T.: 0.001 min
Response: 11278
Conc: 3.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



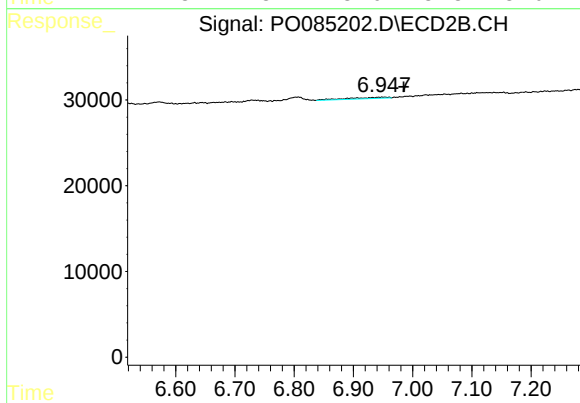
#33 AR-1260-3

R.T.: 6.499 min
Delta R.T.: -0.012 min
Response: 18123
Conc: 5.85 ng/ml



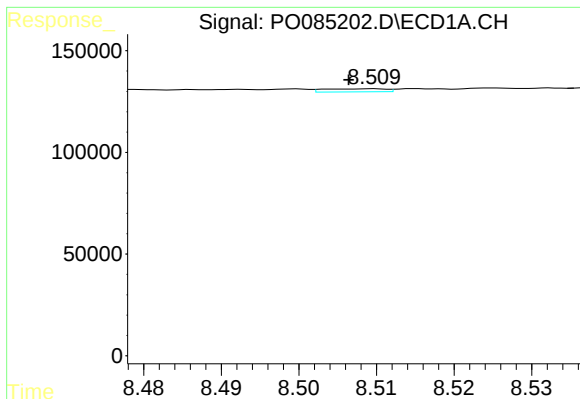
#34 AR-1260-4

R.T.: 8.164 min
Delta R.T.: -0.009 min
Response: 26867
Conc: 7.03 ng/ml



#34 AR-1260-4

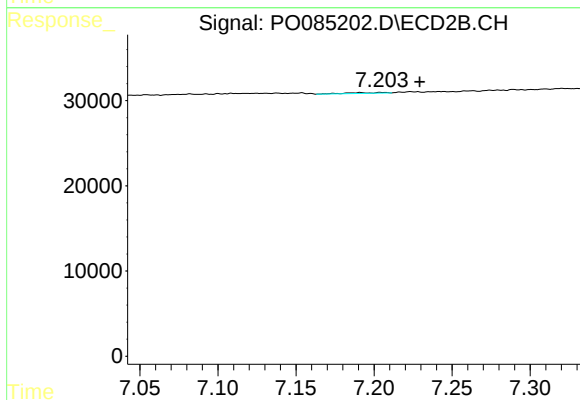
R.T.: 6.948 min
Delta R.T.: -0.037 min
Response: 6716
Conc: 3.05 ng/ml



#35 AR-1260-5

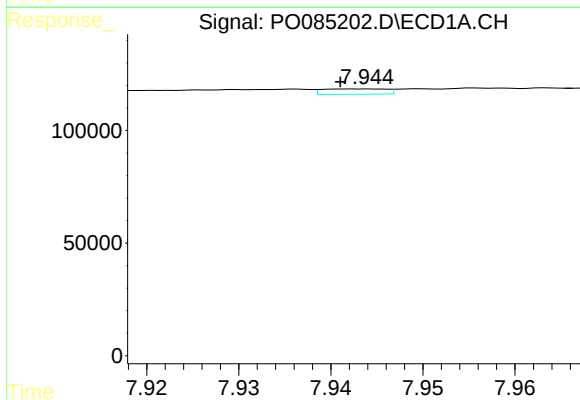
R.T.: 8.510 min
Delta R.T.: 0.003 min
Response: 8465
Conc: 1.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



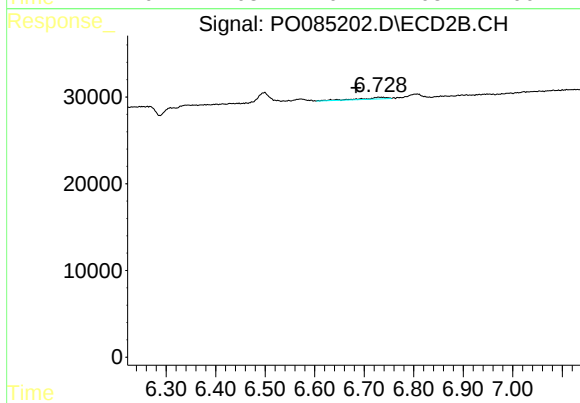
#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: -0.025 min
Response: 1390
Conc: 0.28 ng/ml



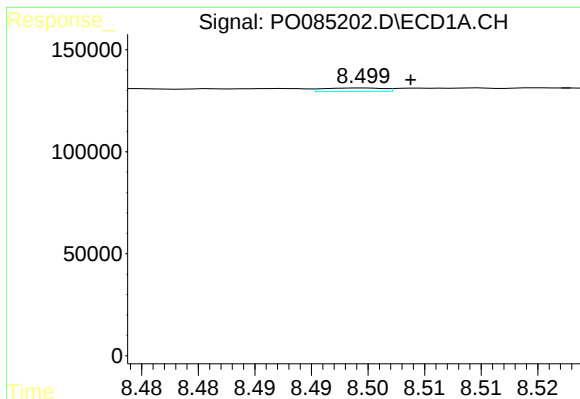
#36 AR-1262-1

R.T.: 7.943 min
Delta R.T.: 0.002 min
Response: 11278
Conc: 2.48 ng/ml



#36 AR-1262-1

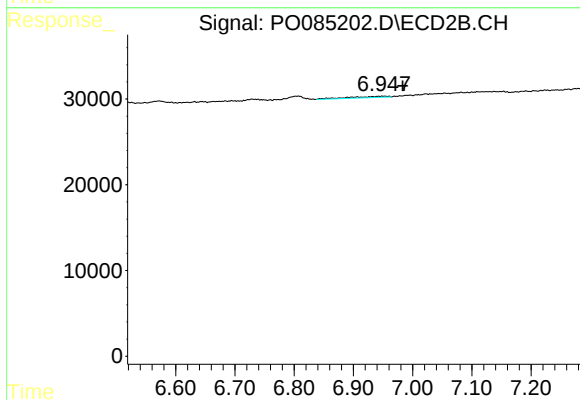
R.T.: 6.729 min
Delta R.T.: 0.045 min
Response: 7202
Conc: 4.19 ng/ml



#37 AR-1262-2

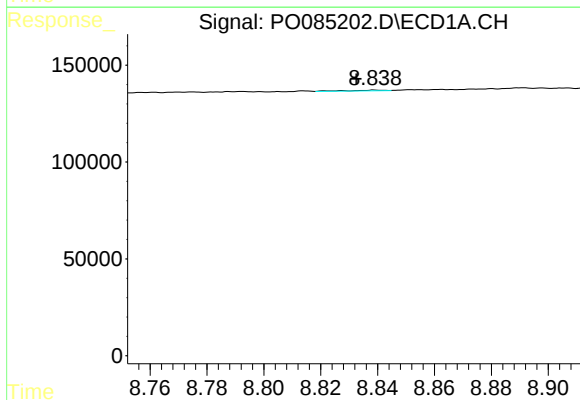
R.T.: 8.500 min
Delta R.T.: -0.004 min
Response: 6258
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



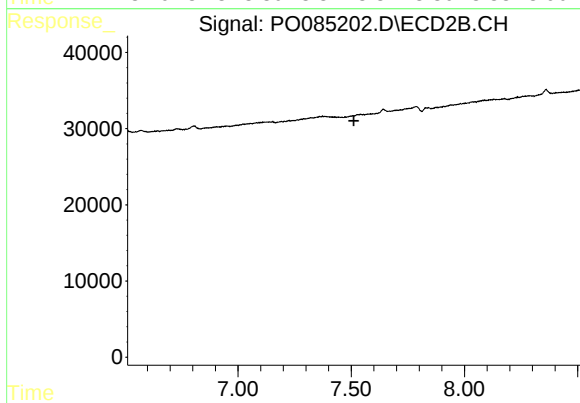
#37 AR-1262-2

R.T.: 6.948 min
Delta R.T.: -0.035 min
Response: 6716
Conc: 2.33 ng/ml



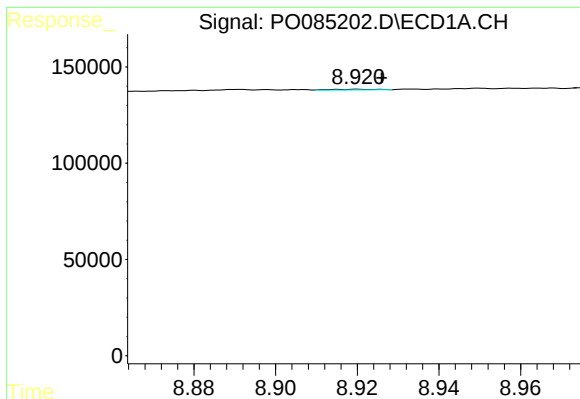
#38 AR-1262-3

R.T.: 8.839 min
Delta R.T.: 0.006 min
Response: 3015
Conc: 0.56 ng/ml



#38 AR-1262-3

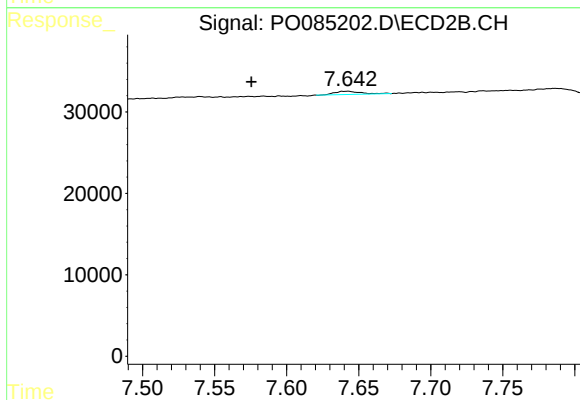
R.T.: 0.000 min
Exp R.T.: 7.512 min
Response: 0
Conc: N.D.



#39 AR-1262-4

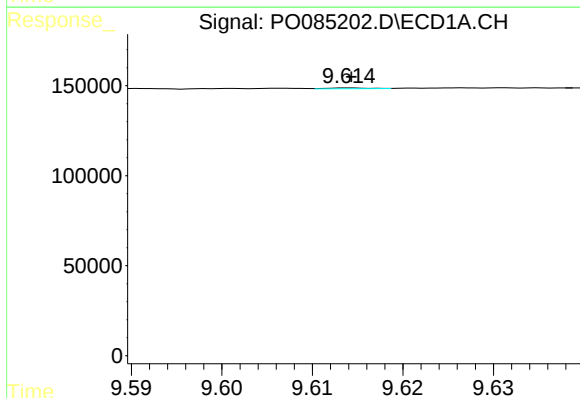
R.T.: 8.920 min
Delta R.T.: -0.006 min
Response: 3161
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



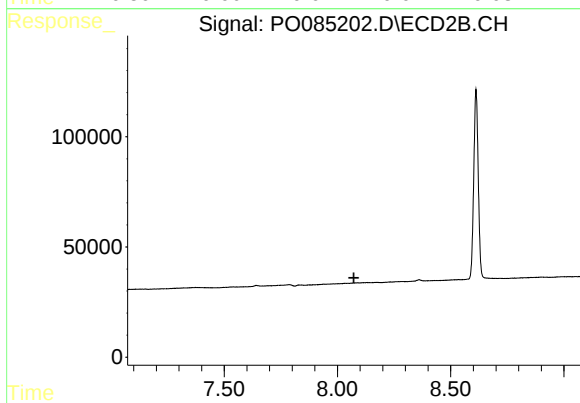
#39 AR-1262-4

R.T.: 7.642 min
Delta R.T.: 0.067 min
Response: 4910
Conc: 1.19 ng/ml



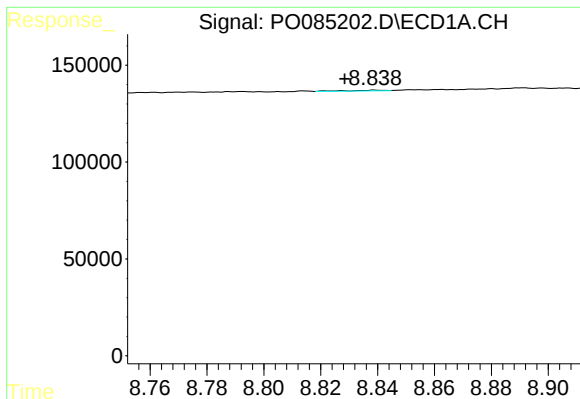
#40 AR-1262-5

R.T.: 9.614 min
Delta R.T.: 0.000 min
Response: 1329
Conc: 0.48 ng/ml



#40 AR-1262-5

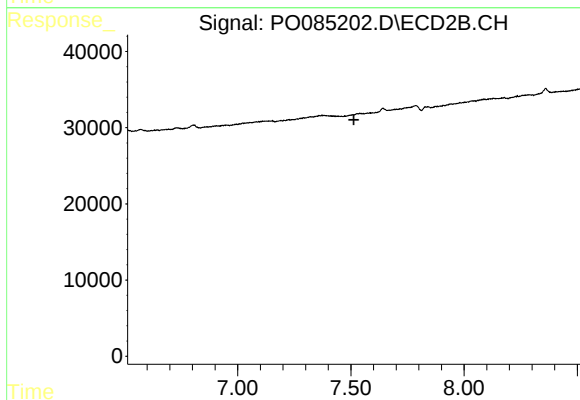
R.T.: 0.000 min
Exp R.T. : 8.072 min
Response: 0
Conc: N.D.



#41 AR-1268-1

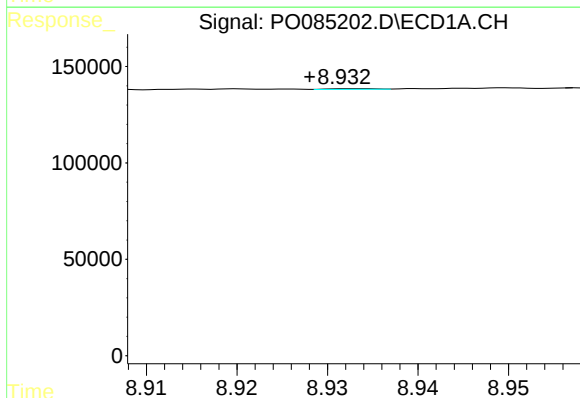
R.T.: 8.839 min
Delta R.T.: 0.010 min
Response: 3015
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



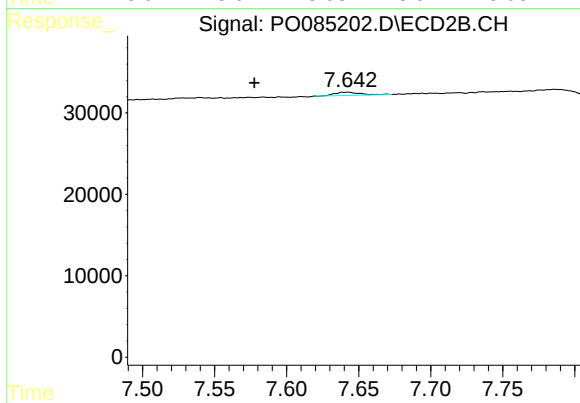
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.513 min
Response: 0
Conc: N.D.



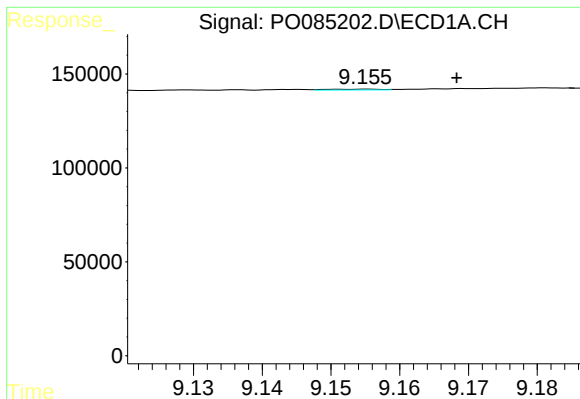
#42 AR-1268-2

R.T.: 8.934 min
Delta R.T.: 0.006 min
Response: 1100
Conc: 0.13 ng/ml



#42 AR-1268-2

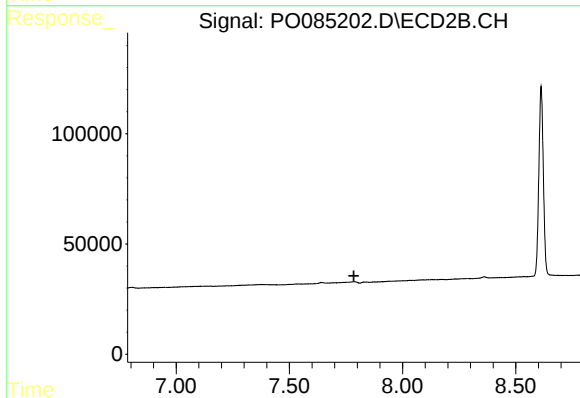
R.T.: 7.642 min
Delta R.T.: 0.064 min
Response: 4910
Conc: 0.84 ng/ml



#43 AR-1268-3

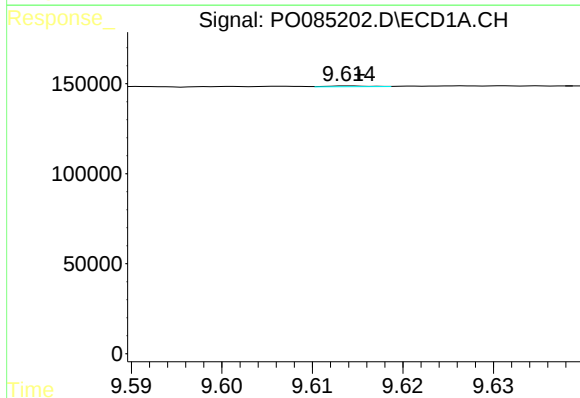
R.T.: 9.155 min
Delta R.T.: -0.013 min
Response: 2305
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



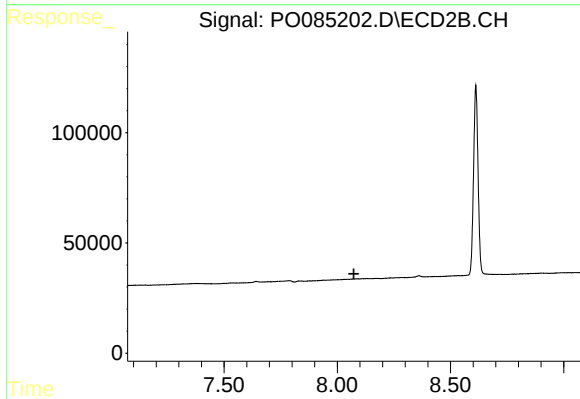
#43 AR-1268-3

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



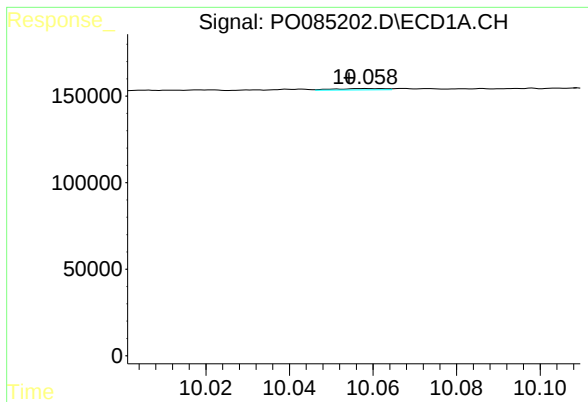
#44 AR-1268-4

R.T.: 9.614 min
Delta R.T.: -0.001 min
Response: 1329
Conc: 0.43 ng/ml



#44 AR-1268-4

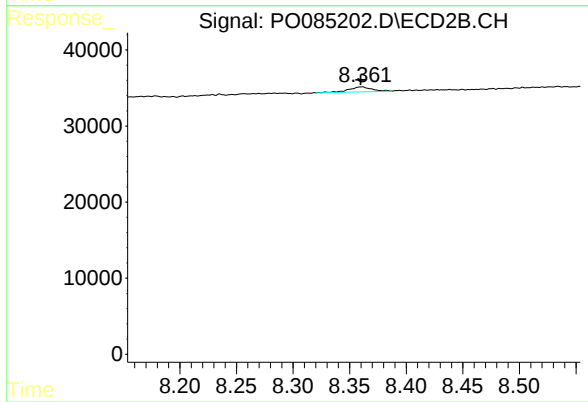
R.T.: 0.000 min
Exp R.T. : 8.073 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.059 min
Delta R.T.: 0.004 min
Response: 6172
Conc: 0.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 9063
Conc: 0.63 ng/ml