

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0031022\
 Data File : P0085284.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Mar 2022 20:03
 Operator : YP\AJ
 Sample : N1645-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 02:21:07 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...	4.496	3.590	2893423	915156	16.851	20.055
2)	SA Decachlor...	10.403	8.608	1332904	855670	20.355	22.475
Target Compounds							
3)	L1 AR-1016-1	5.685	4.695	2473	9923	0.542	5.927 #
4)	L1 AR-1016-2	5.707	4.695	8793	9923	1.305	4.098 #
5)	L1 AR-1016-3	5.768	0.000	5394	0	1.336	N.D. #
6)	L1 AR-1016-4	5.872	0.000	1501	0	0.448	N.D. #
7)	L1 AR-1016-5	6.180	0.000	478	0	0.155	N.D. #
8)	L2 AR-1221-1	4.708	3.806	80478	24158	43.553	43.825
9)	L2 AR-1221-2	4.799	3.890	88991	28768	66.901	67.664
10)	L2 AR-1221-3	4.873	3.967	203519	65934	52.170	50.618
11)	L3 AR-1232-1	4.873	3.967	203519	65934	72.085	66.383
12)	L3 AR-1232-2	5.412	4.695	25679	9923	15.940	9.480 #
13)	L3 AR-1232-3	5.707	0.000	8793	0	3.106	N.D. #
14)	L3 AR-1232-4	5.872	0.000	1501	0	1.100	N.D. #
15)	L3 AR-1232-5	6.001	0.000	1336	0	1.298	N.D. #
16)	L4 AR-1242-1	5.685	4.695	2473	9923	0.726	7.926 #
17)	L4 AR-1242-2	5.707	4.695	8793	9923	1.756	5.525 #
18)	L4 AR-1242-3	5.768	0.000	5394	0	1.776	N.D. #
19)	L4 AR-1242-4	5.872	0.000	1501	0	0.637	N.D. #
20)	L4 AR-1242-5	6.639	0.000	4127	0	2.181	N.D. #
21)	L5 AR-1248-1	5.685	4.695	2473	9923	0.931	9.722 #
22)	L5 AR-1248-2	6.001	0.000	1336	0	0.403	N.D. #
23)	L5 AR-1248-3	6.180	0.000	478	0	0.139	N.D. #
24)	L5 AR-1248-4	6.569	0.000	2422	0	0.730	N.D. #
25)	L5 AR-1248-5	6.639	0.000	4127	0	1.306	N.D. #
26)	L6 AR-1254-1	6.560	0.000	2297	0	0.672	N.D. #
27)	L6 AR-1254-2	6.780	0.000	2282	0	0.449	N.D. #
28)	L6 AR-1254-3	7.148	6.067	7677	7558	1.524	2.091 #
29)	L6 AR-1254-4	7.442	0.000	1762	0	0.482	N.D. #
30)	L6 AR-1254-5	7.868	6.726f	1161	7133	0.297	2.123 #
31)	L7 AR-1260-1	7.314	0.000	5092	0	1.252	N.D. #
32)	L7 AR-1260-2	7.585	6.350	17347	5414	3.619	1.731 #
33)	L7 AR-1260-3	7.947	6.497	2972	20362	0.914	6.574 #
34)	L7 AR-1260-4	8.174	6.986	11069	6273	2.896	2.847
35)	L7 AR-1260-5	8.507	7.226	5612	6488	0.815	1.303 #
36)	L8 AR-1262-1	7.947	6.726f	2972	7133	0.652	4.152 #
37)	L8 AR-1262-2	8.507	6.986	5612	6273	0.684	2.178 #
38)	L8 AR-1262-3	8.829	7.574f	2108	6060	0.394	2.682 #
39)	L8 AR-1262-4	8.927	7.574	2728	6060	1.097	1.473 #
40)	L8 AR-1262-5	9.617	0.000	1344	0	0.486	N.D. #
41)	L9 AR-1268-1	8.829	7.574f	2108	6060	0.225	0.924 #

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 Sample : N1645-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 30 Sample Multiplier: 1

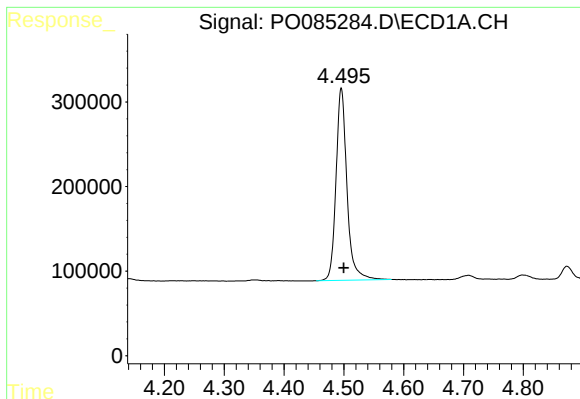
Instrument :
 ECD_O
 ClientSampleId :

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	8.927	7.574	2728	6060	0.321	1.036 #
43) L9	AR-1268-3	9.167	0.000	4032	0	0.562	N.D. #
44) L9	AR-1268-4	9.617	0.000	1344	0	0.439	N.D. #
45) L9	AR-1268-5	10.053	8.359	1264	7384	0.053	0.514 #

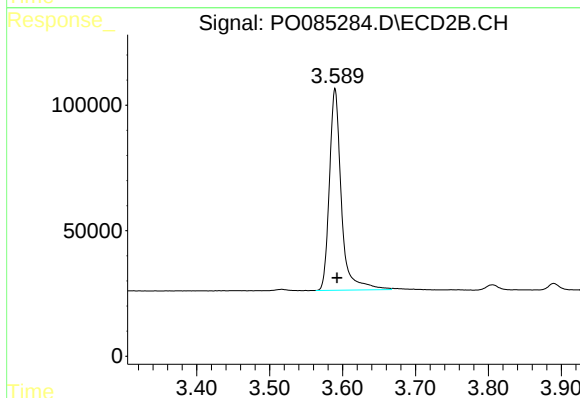
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

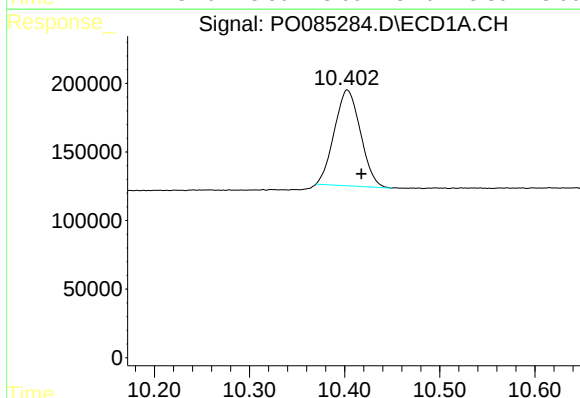
R.T.: 4.496 min
Delta R.T.: -0.004 min
Response: 2893423
Conc: 16.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



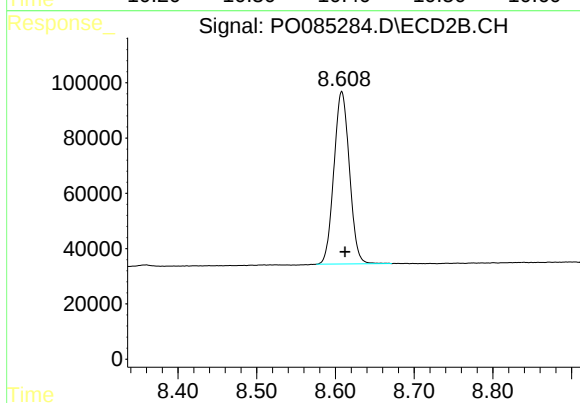
#1 Tetrachloro-m-xylene

R.T.: 3.590 min
Delta R.T.: -0.002 min
Response: 915156
Conc: 20.06 ng/ml



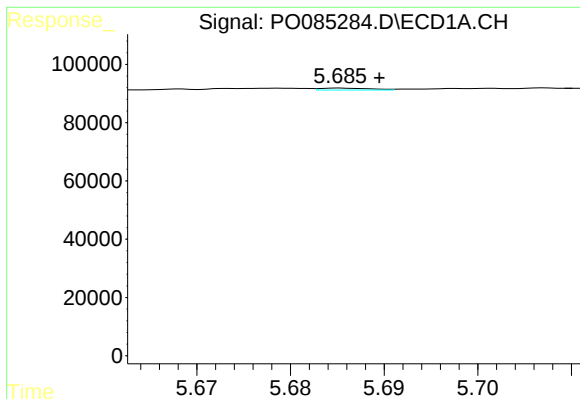
#2 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.015 min
Response: 1332904
Conc: 20.35 ng/ml



#2 Decachlorobiphenyl

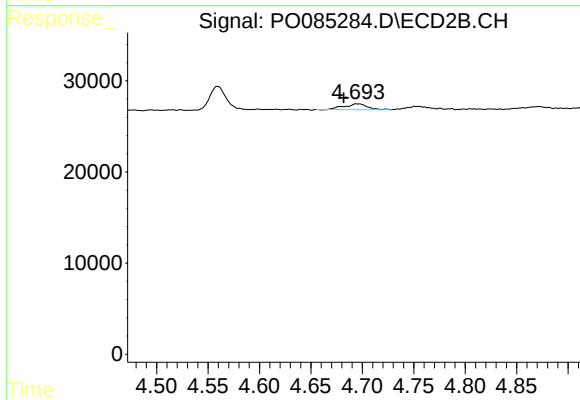
R.T.: 8.608 min
Delta R.T.: -0.004 min
Response: 855670
Conc: 22.48 ng/ml



#3 AR-1016-1

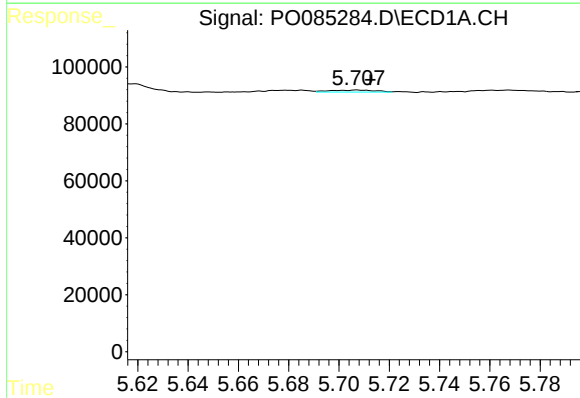
R.T.: 5.685 min
Delta R.T.: -0.004 min
Response: 2473
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



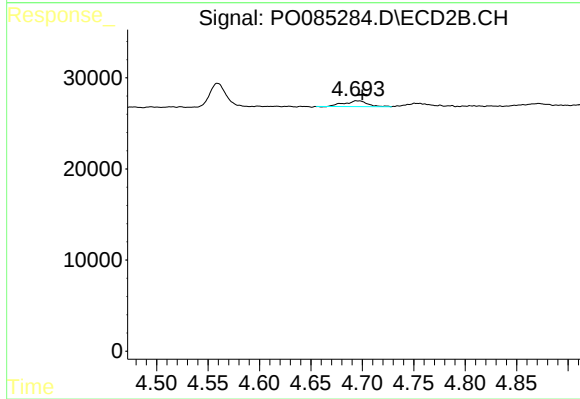
#3 AR-1016-1

R.T.: 4.695 min
Delta R.T.: 0.013 min
Response: 9923
Conc: 5.93 ng/ml



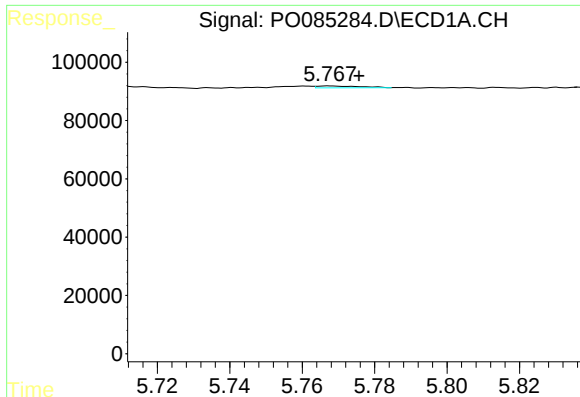
#4 AR-1016-2

R.T.: 5.707 min
Delta R.T.: -0.006 min
Response: 8793
Conc: 1.31 ng/ml



#4 AR-1016-2

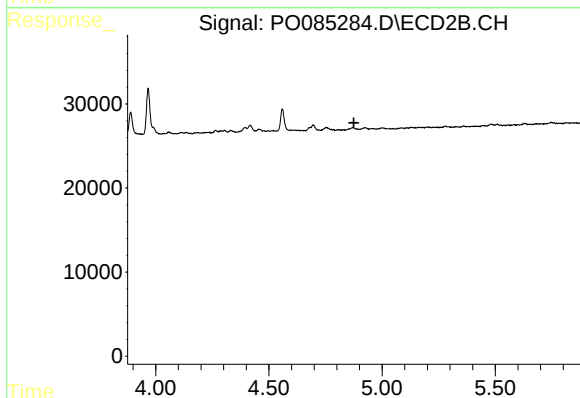
R.T.: 4.695 min
Delta R.T.: -0.005 min
Response: 9923
Conc: 4.10 ng/ml



#5 AR-1016-3

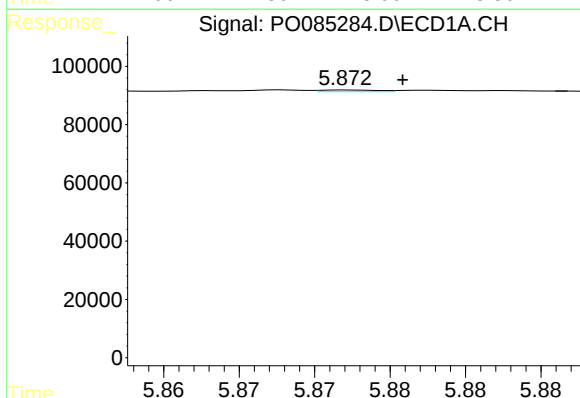
R.T.: 5.768 min
Delta R.T.: -0.008 min
Response: 5394
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



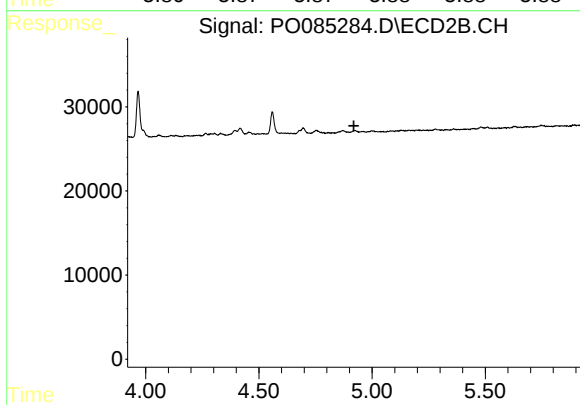
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.876 min
Response: 0
Conc: N.D.



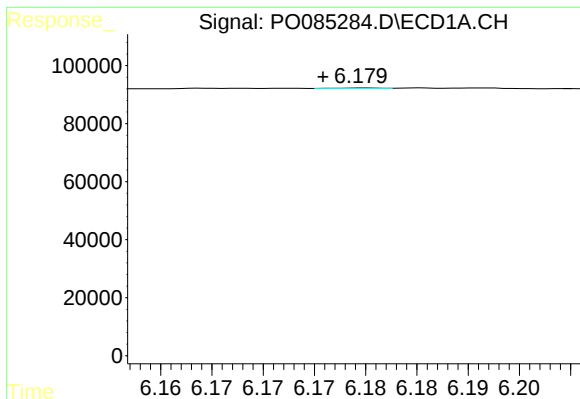
#6 AR-1016-4

R.T.: 5.872 min
Delta R.T.: -0.004 min
Response: 1501
Conc: 0.45 ng/ml



#6 AR-1016-4

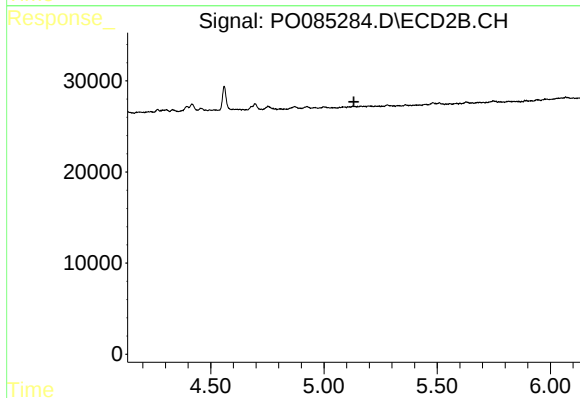
R.T.: 0.000 min
Exp R.T. : 4.919 min
Response: 0
Conc: N.D.



#7 AR-1016-5

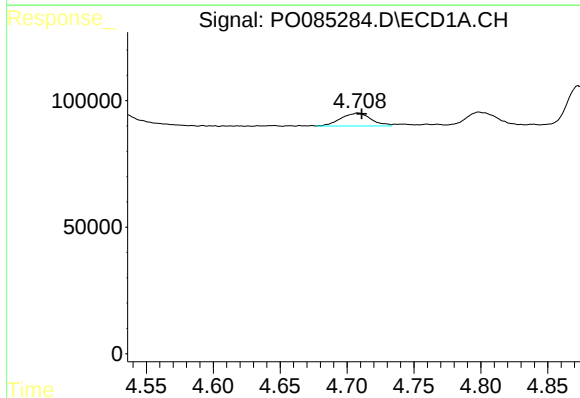
R.T.: 6.180 min
Delta R.T.: 0.004 min
Response: 478
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



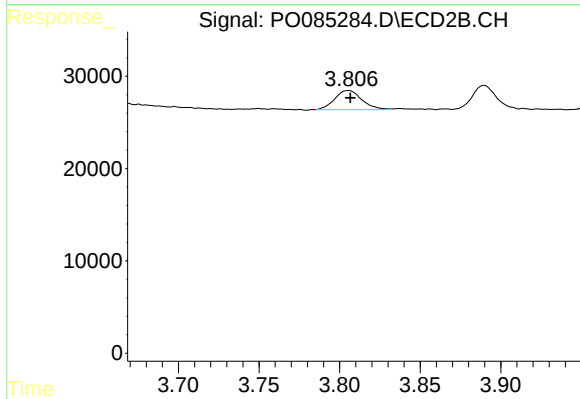
#7 AR-1016-5

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



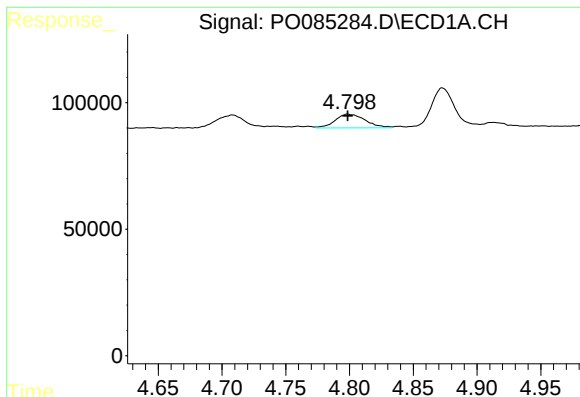
#8 AR-1221-1

R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 80478
Conc: 43.55 ng/ml



#8 AR-1221-1

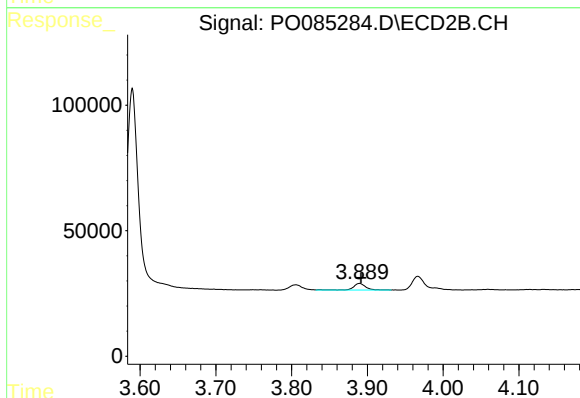
R.T.: 3.806 min
Delta R.T.: -0.001 min
Response: 24158
Conc: 43.82 ng/ml



#9 AR-1221-2

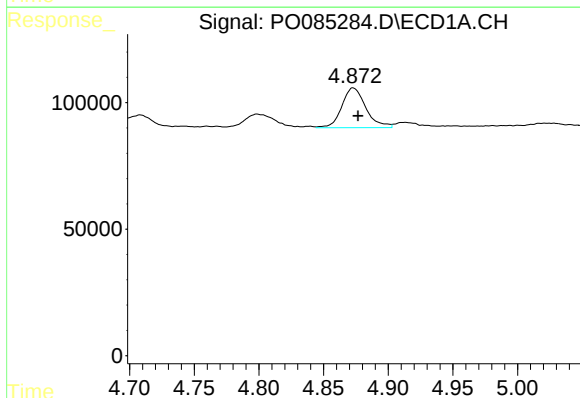
R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 88991
Conc: 66.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



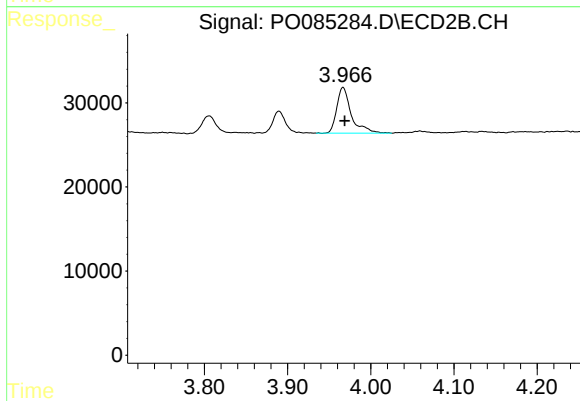
#9 AR-1221-2

R.T.: 3.890 min
Delta R.T.: -0.002 min
Response: 28768
Conc: 67.66 ng/ml



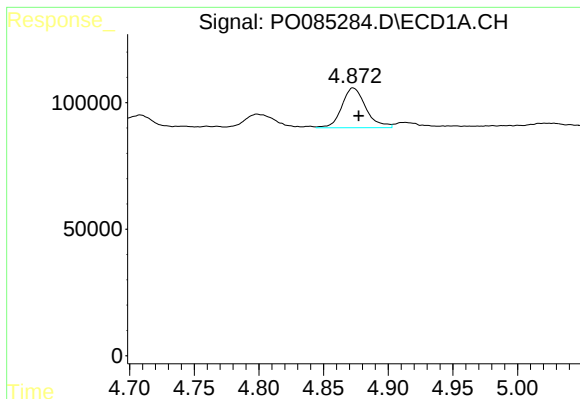
#10 AR-1221-3

R.T.: 4.873 min
Delta R.T.: -0.004 min
Response: 203519
Conc: 52.17 ng/ml



#10 AR-1221-3

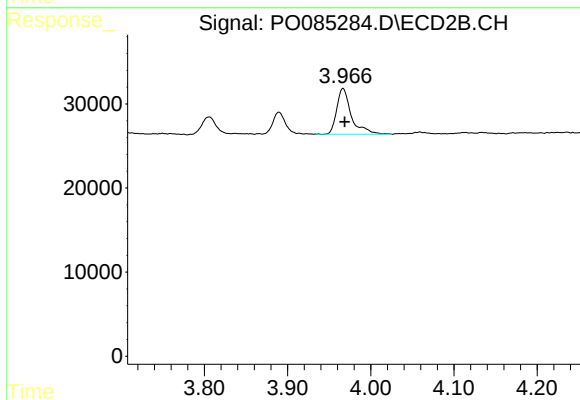
R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 65934
Conc: 50.62 ng/ml



#11 AR-1232-1

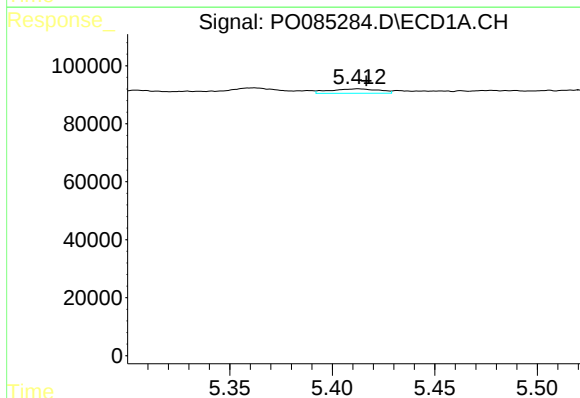
R.T.: 4.873 min
Delta R.T.: -0.004 min
Response: 203519
Conc: 72.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



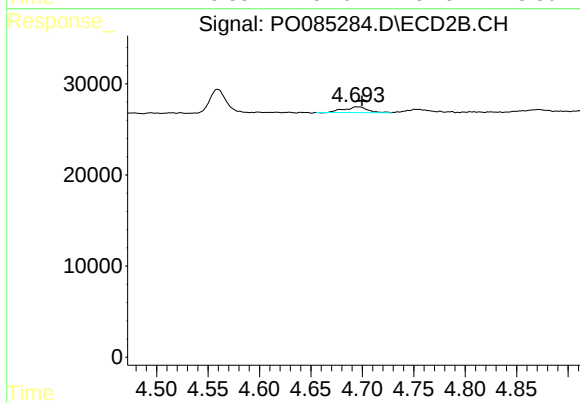
#11 AR-1232-1

R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 65934
Conc: 66.38 ng/ml



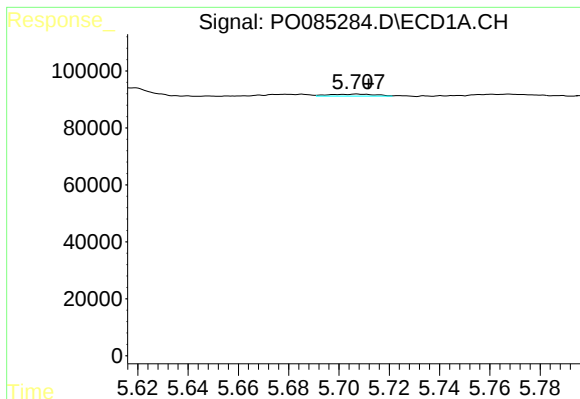
#12 AR-1232-2

R.T.: 5.412 min
Delta R.T.: -0.004 min
Response: 25679
Conc: 15.94 ng/ml



#12 AR-1232-2

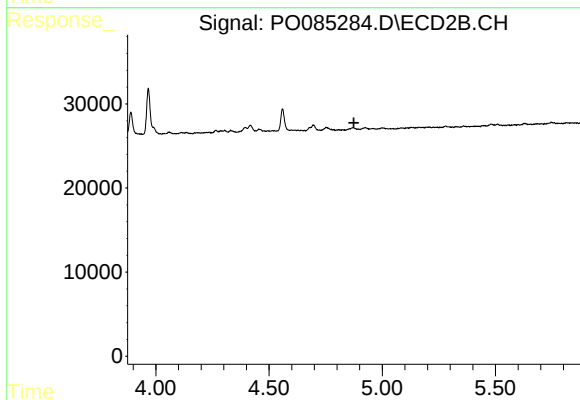
R.T.: 4.695 min
Delta R.T.: -0.005 min
Response: 9923
Conc: 9.48 ng/ml



#13 AR-1232-3

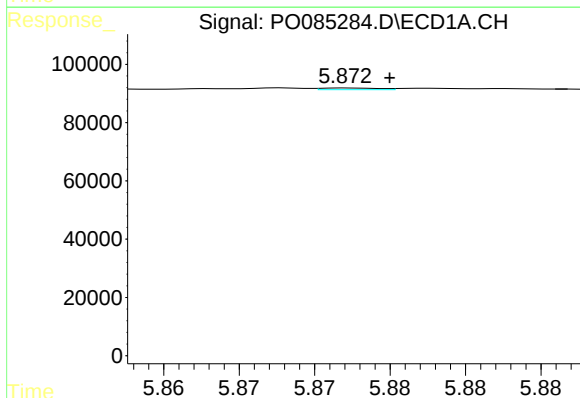
R.T.: 5.707 min
Delta R.T.: -0.005 min
Response: 8793
Conc: 3.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



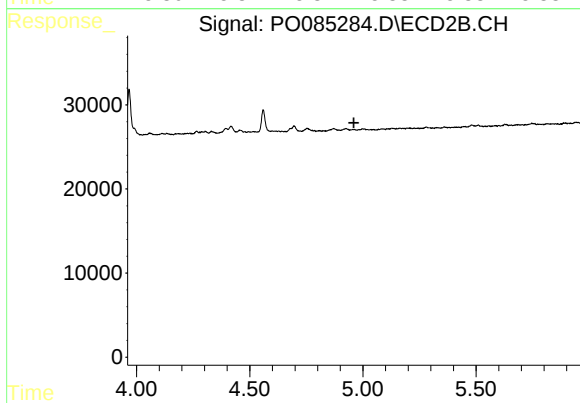
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.875 min
Response: 0
Conc: N.D.



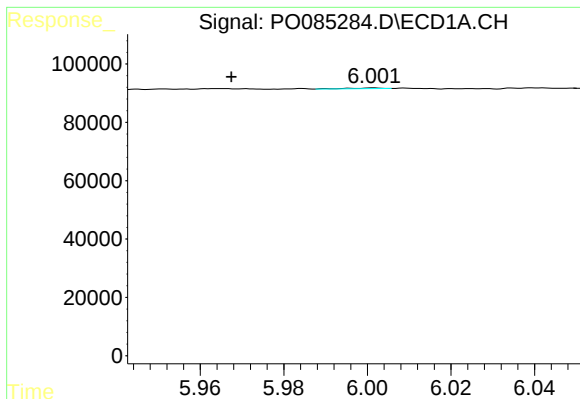
#14 AR-1232-4

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 1501
Conc: 1.10 ng/ml



#14 AR-1232-4

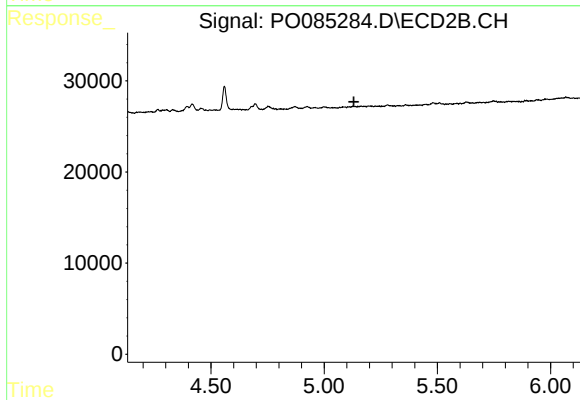
R.T.: 0.000 min
Exp R.T. : 4.960 min
Response: 0
Conc: N.D.



#15 AR-1232-5

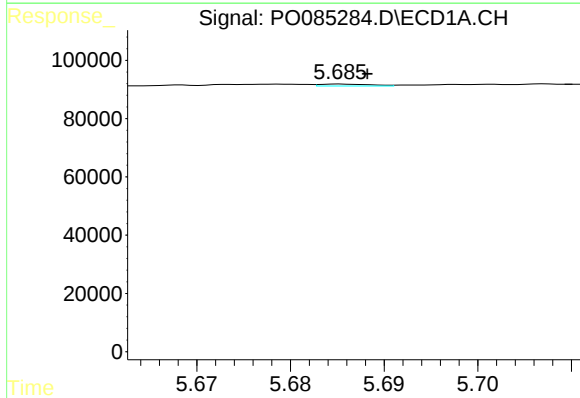
R.T.: 6.001 min
Delta R.T.: 0.034 min
Response: 1336
Conc: 1.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



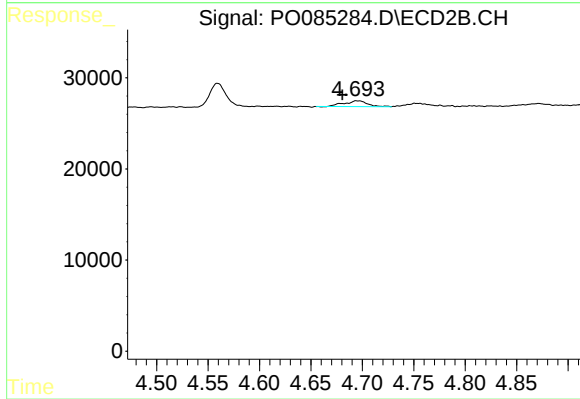
#15 AR-1232-5

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



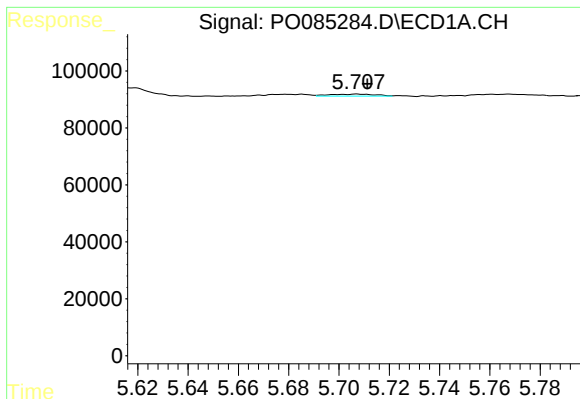
#16 AR-1242-1

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 2473
Conc: 0.73 ng/ml



#16 AR-1242-1

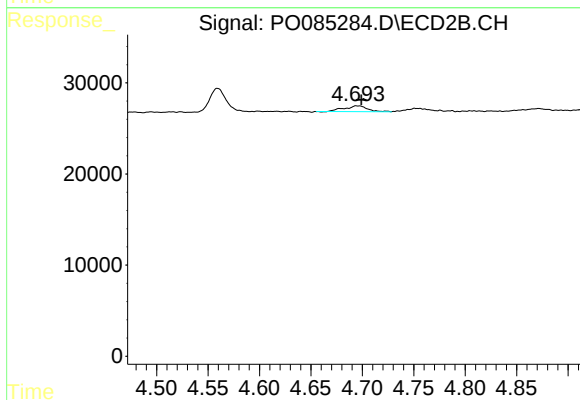
R.T.: 4.695 min
Delta R.T.: 0.014 min
Response: 9923
Conc: 7.93 ng/ml



#17 AR-1242-2

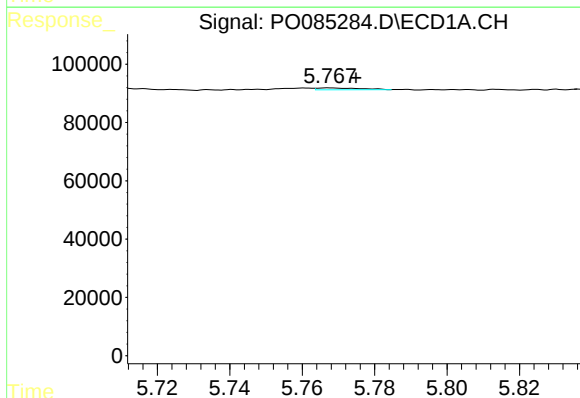
R.T.: 5.707 min
Delta R.T.: -0.004 min
Response: 8793
Conc: 1.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



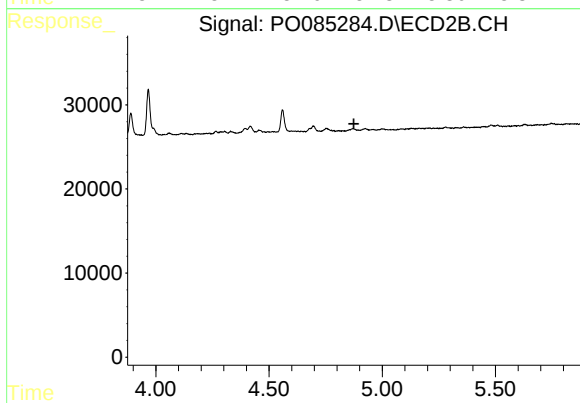
#17 AR-1242-2

R.T.: 4.695 min
Delta R.T.: -0.004 min
Response: 9923
Conc: 5.52 ng/ml



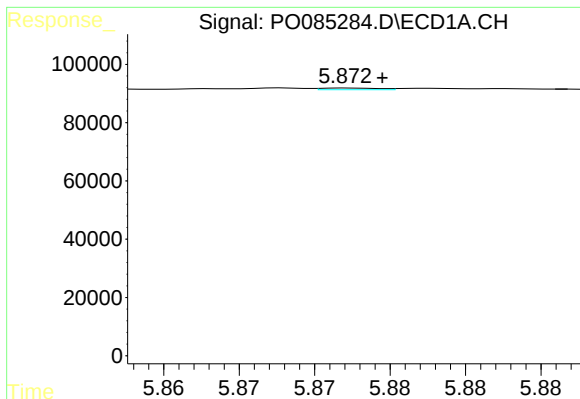
#18 AR-1242-3

R.T.: 5.768 min
Delta R.T.: -0.007 min
Response: 5394
Conc: 1.78 ng/ml



#18 AR-1242-3

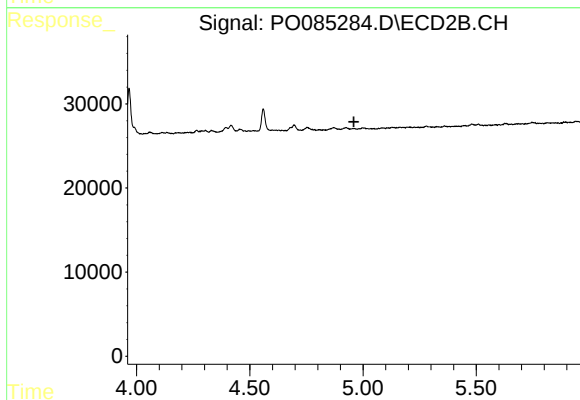
R.T.: 0.000 min
Exp R.T. : 4.875 min
Response: 0
Conc: N.D.



#19 AR-1242-4

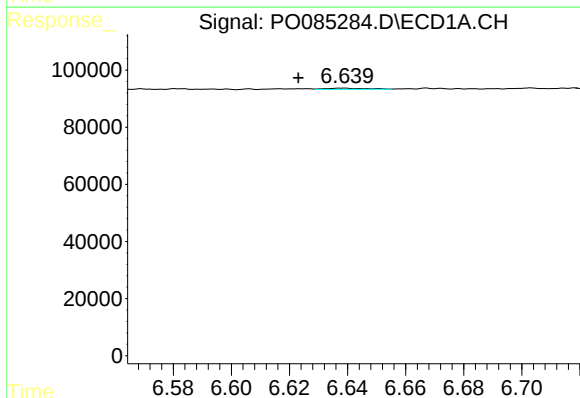
R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 1501
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



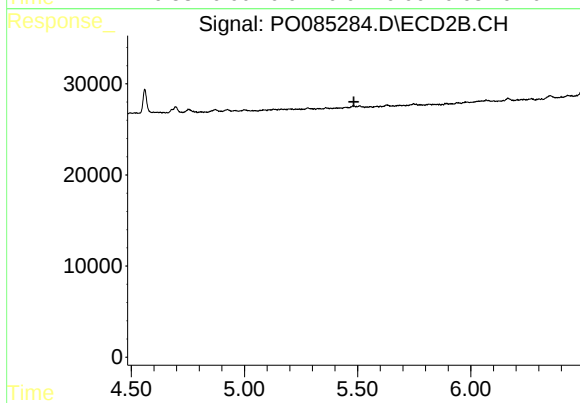
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.960 min
Response: 0
Conc: N.D.



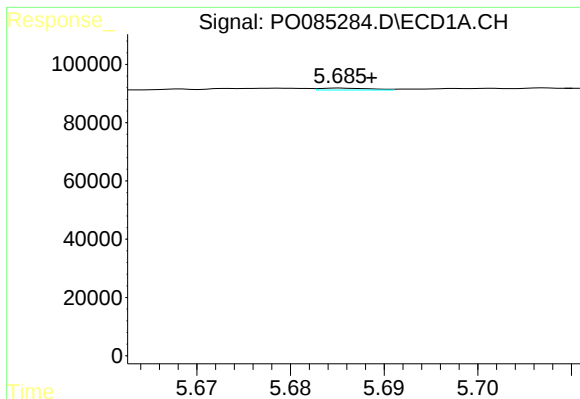
#20 AR-1242-5

R.T.: 6.639 min
Delta R.T.: 0.016 min
Response: 4127
Conc: 2.18 ng/ml



#20 AR-1242-5

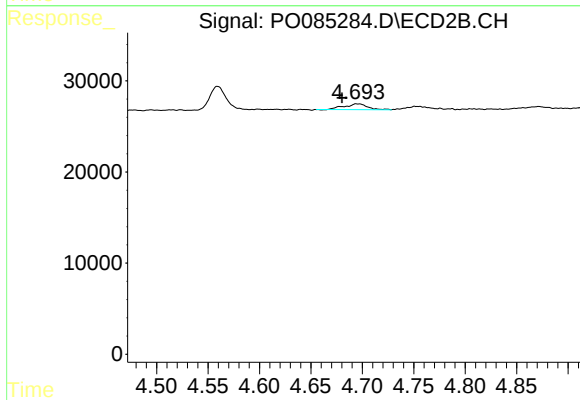
R.T.: 0.000 min
Exp R.T. : 5.483 min
Response: 0
Conc: N.D.



#21 AR-1248-1

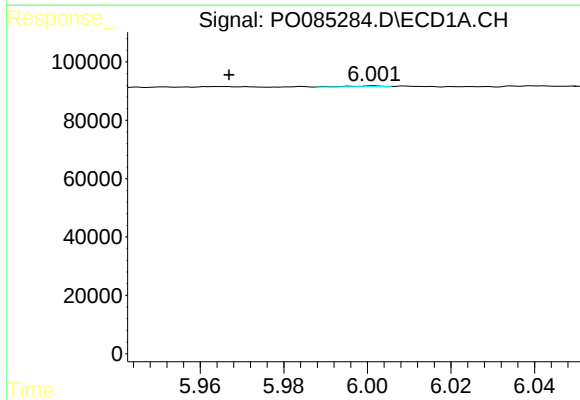
R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 2473
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



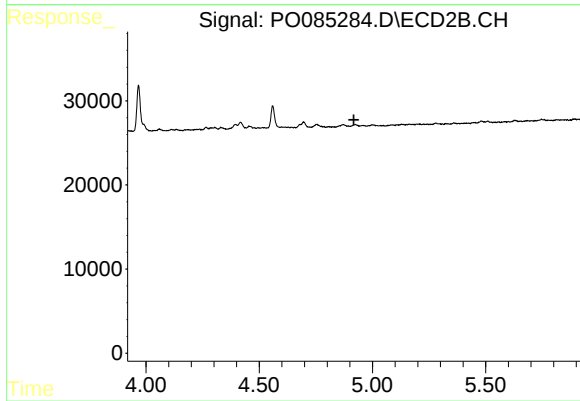
#21 AR-1248-1

R.T.: 4.695 min
Delta R.T.: 0.014 min
Response: 9923
Conc: 9.72 ng/ml



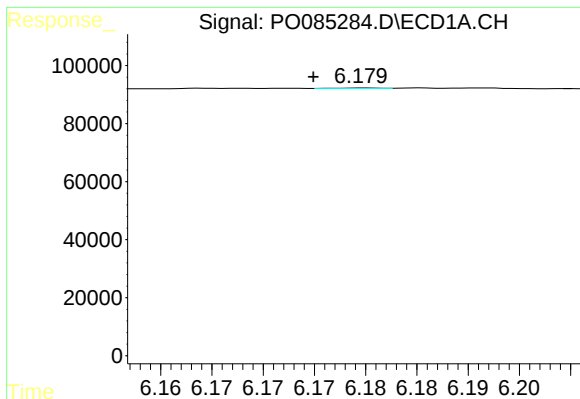
#22 AR-1248-2

R.T.: 6.001 min
Delta R.T.: 0.035 min
Response: 1336
Conc: 0.40 ng/ml



#22 AR-1248-2

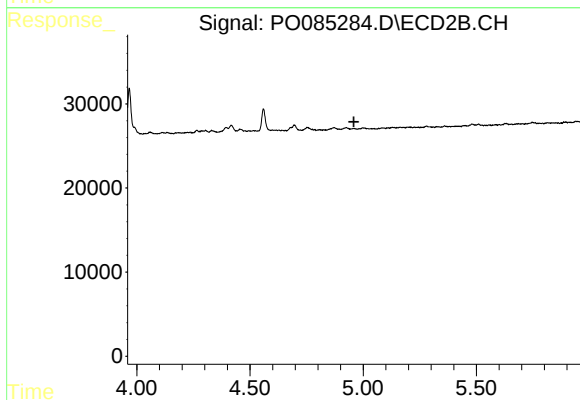
R.T.: 0.000 min
Exp R.T. : 4.918 min
Response: 0
Conc: N.D.



#23 AR-1248-3

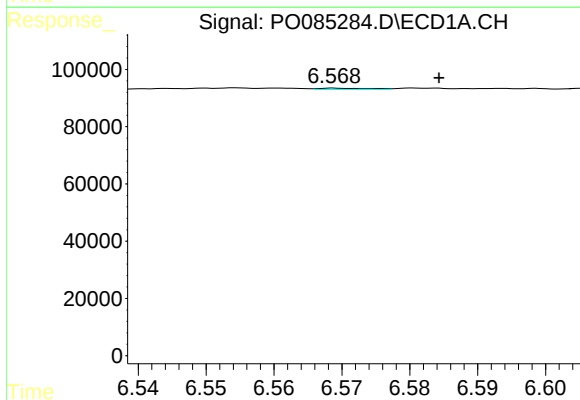
R.T.: 6.180 min
Delta R.T.: 0.005 min
Response: 478
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



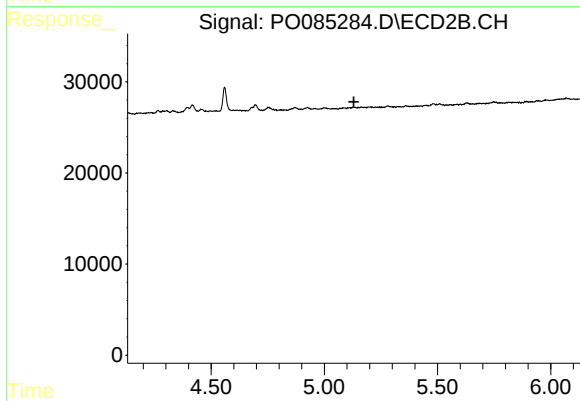
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.959 min
Response: 0
Conc: N.D.



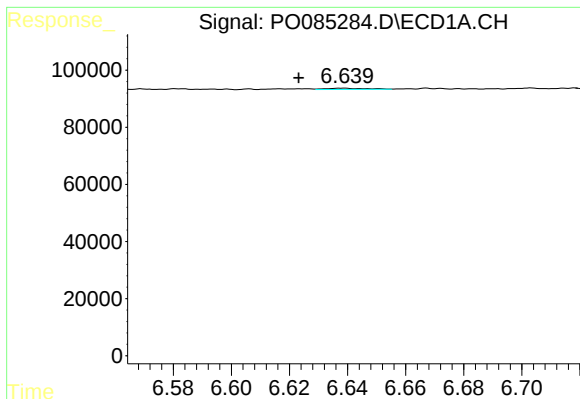
#24 AR-1248-4

R.T.: 6.569 min
Delta R.T.: -0.015 min
Response: 2422
Conc: 0.73 ng/ml



#24 AR-1248-4

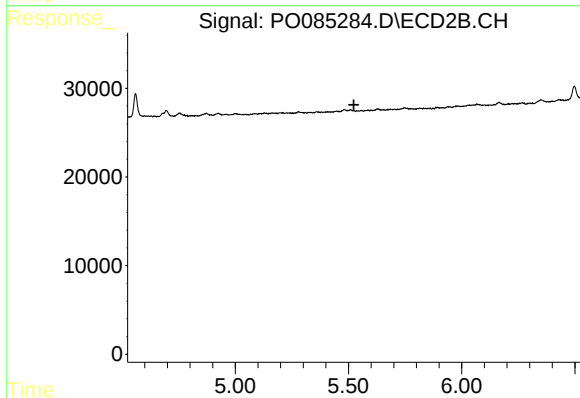
R.T.: 0.000 min
Exp R.T. : 5.131 min
Response: 0
Conc: N.D.



#25 AR-1248-5

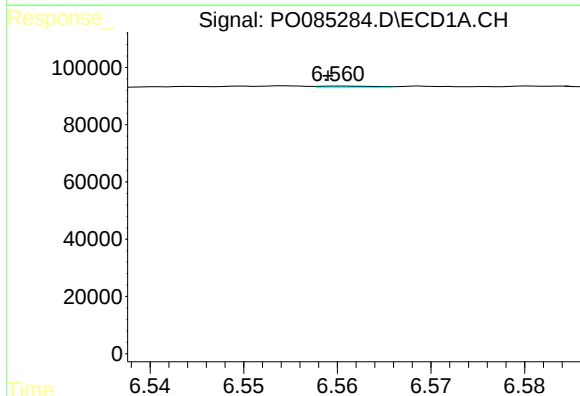
R.T.: 6.639 min
Delta R.T.: 0.016 min
Response: 4127
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



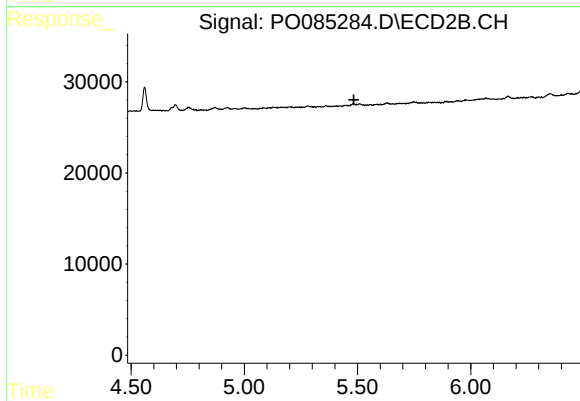
#25 AR-1248-5

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



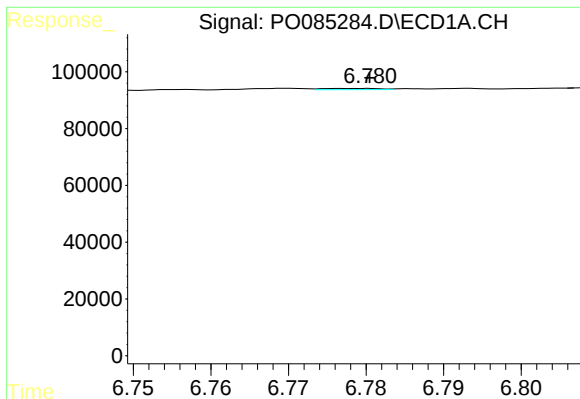
#26 AR-1254-1

R.T.: 6.560 min
Delta R.T.: 0.001 min
Response: 2297
Conc: 0.67 ng/ml



#26 AR-1254-1

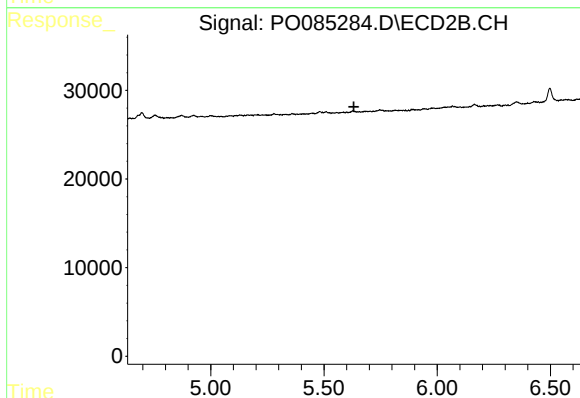
R.T.: 0.000 min
Exp R.T. : 5.484 min
Response: 0
Conc: N.D.



#27 AR-1254-2

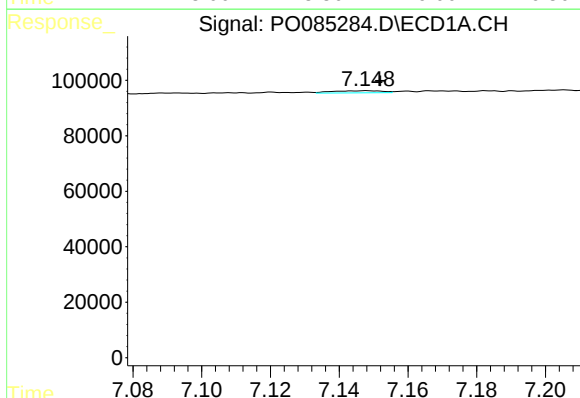
R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 2282
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



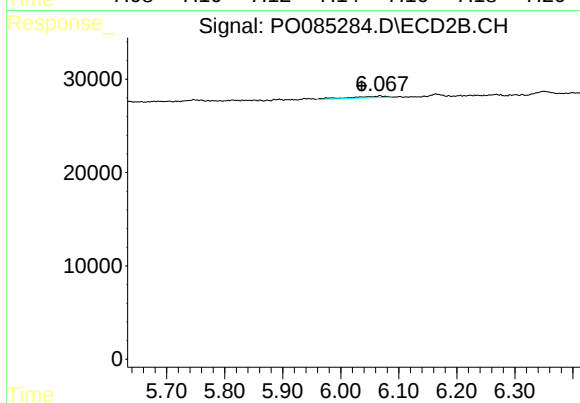
#27 AR-1254-2

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



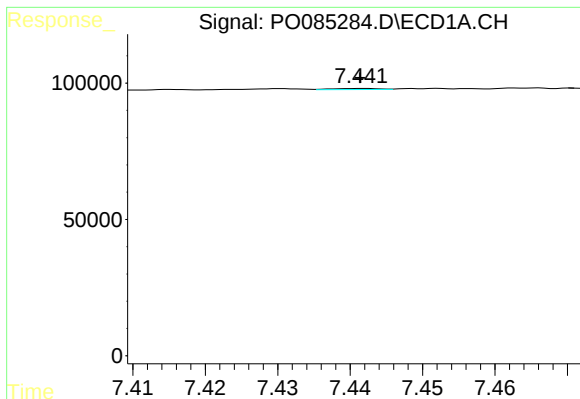
#28 AR-1254-3

R.T.: 7.148 min
Delta R.T.: -0.004 min
Response: 7677
Conc: 1.52 ng/ml



#28 AR-1254-3

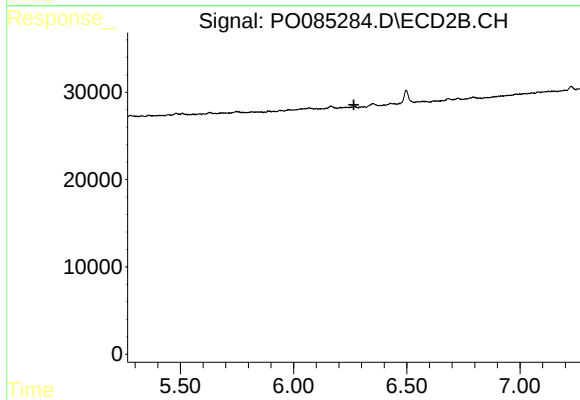
R.T.: 6.067 min
Delta R.T.: 0.031 min
Response: 7558
Conc: 2.09 ng/ml



#29 AR-1254-4

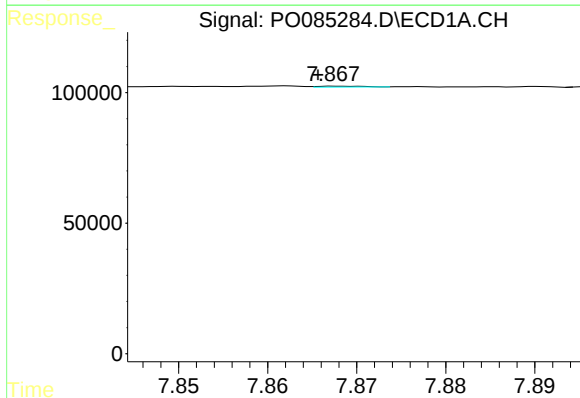
R.T.: 7.442 min
Delta R.T.: 0.000 min
Response: 1762
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



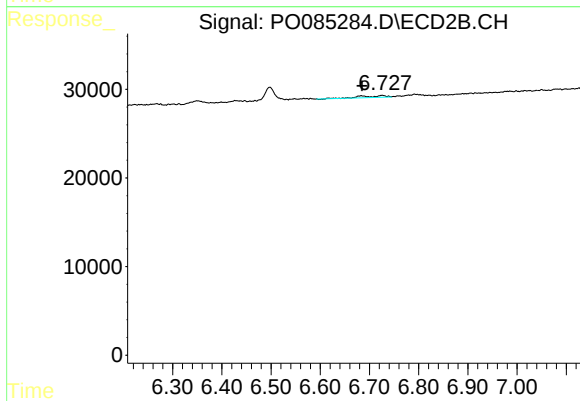
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.266 min
Response: 0
Conc: N.D.



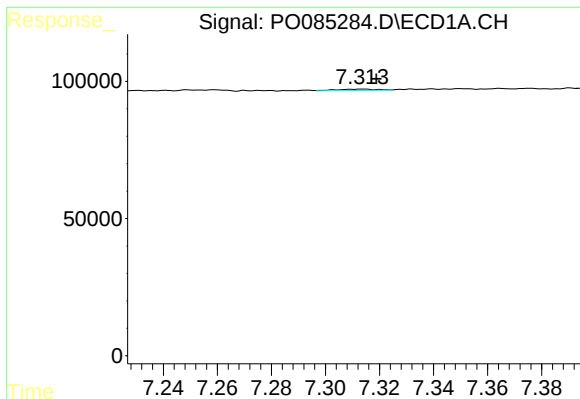
#30 AR-1254-5

R.T.: 7.868 min
Delta R.T.: 0.002 min
Response: 1161
Conc: 0.30 ng/ml



#30 AR-1254-5

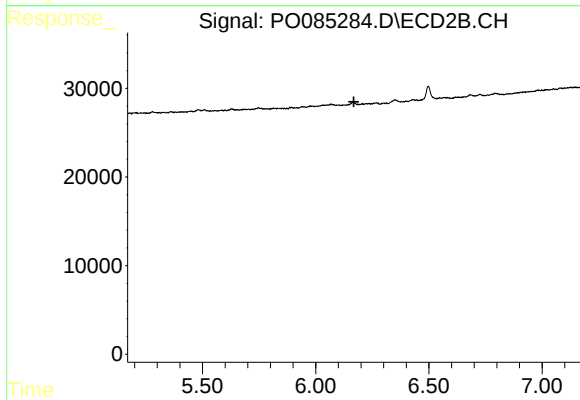
R.T.: 6.726 min
Delta R.T.: 0.041 min
Response: 7133
Conc: 2.12 ng/ml



#31 AR-1260-1

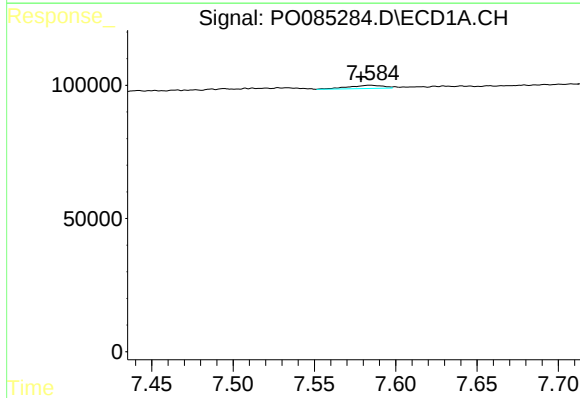
R.T.: 7.314 min
Delta R.T.: -0.005 min
Response: 5092
Conc: 1.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



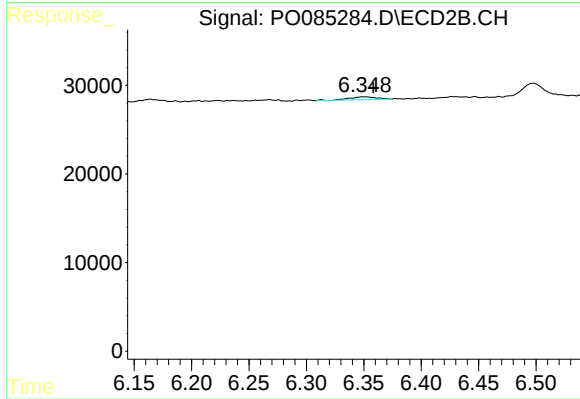
#31 AR-1260-1

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



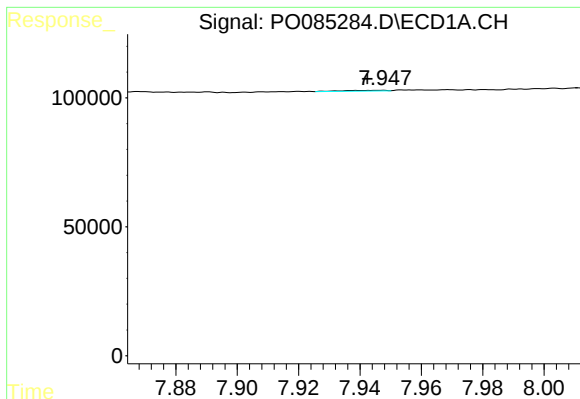
#32 AR-1260-2

R.T.: 7.585 min
Delta R.T.: 0.006 min
Response: 17347
Conc: 3.62 ng/ml



#32 AR-1260-2

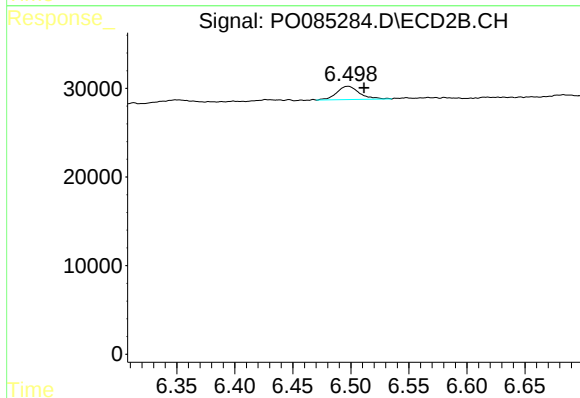
R.T.: 6.350 min
Delta R.T.: -0.008 min
Response: 5414
Conc: 1.73 ng/ml



#33 AR-1260-3

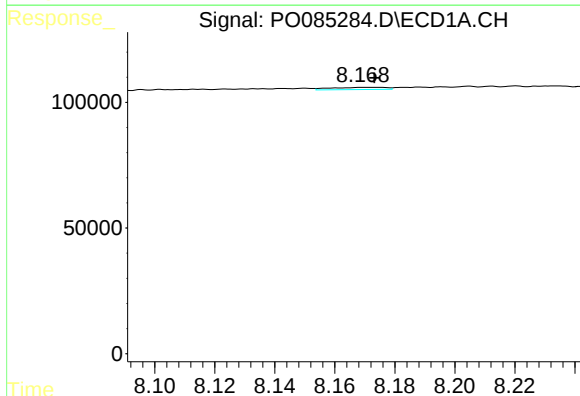
R.T.: 7.947 min
Delta R.T.: 0.005 min
Response: 2972
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



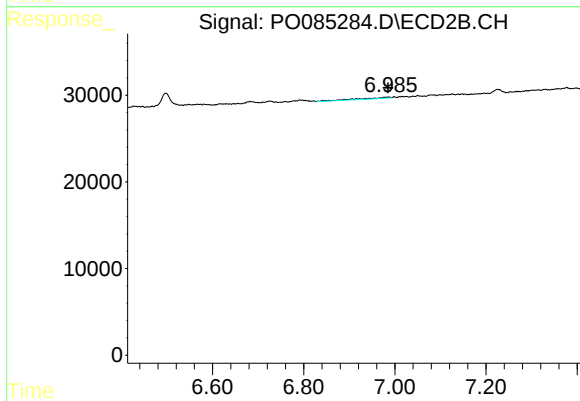
#33 AR-1260-3

R.T.: 6.497 min
Delta R.T.: -0.014 min
Response: 20362
Conc: 6.57 ng/ml



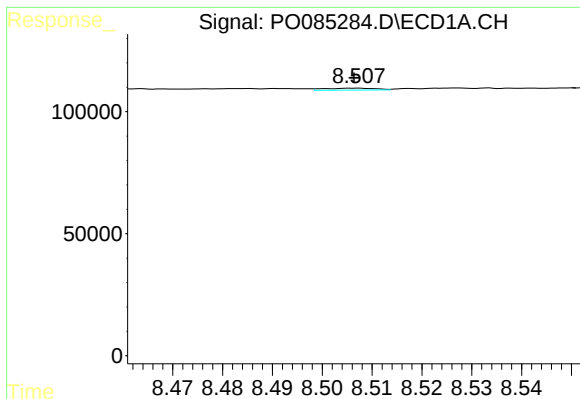
#34 AR-1260-4

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 11069
Conc: 2.90 ng/ml



#34 AR-1260-4

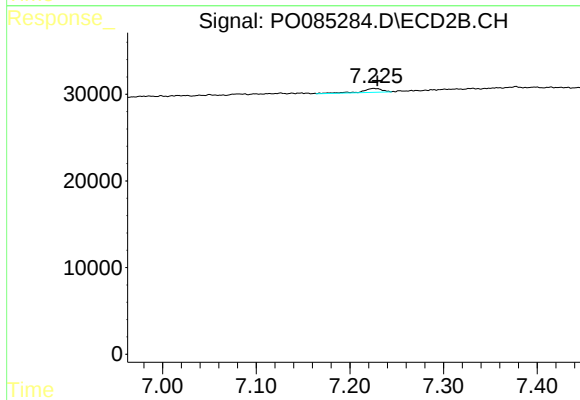
R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 6273
Conc: 2.85 ng/ml



#35 AR-1260-5

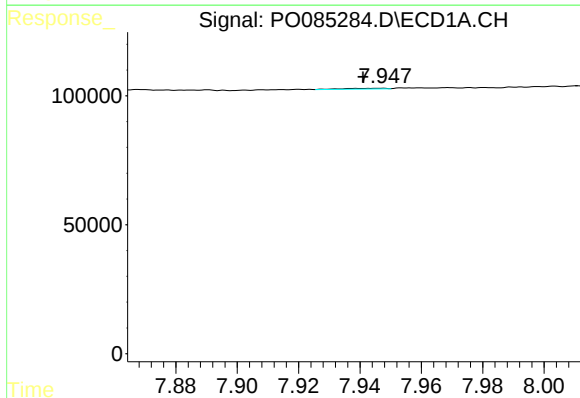
R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 5612
Conc: 0.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



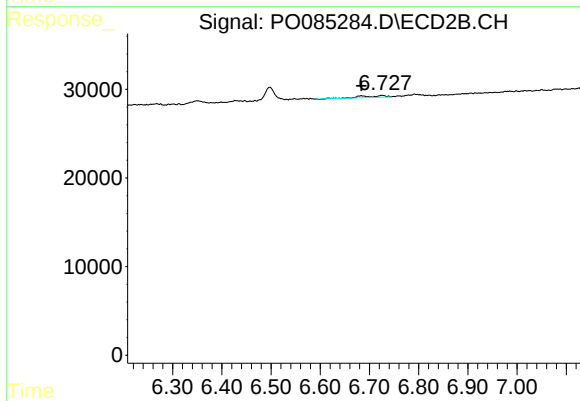
#35 AR-1260-5

R.T.: 7.226 min
Delta R.T.: -0.004 min
Response: 6488
Conc: 1.30 ng/ml



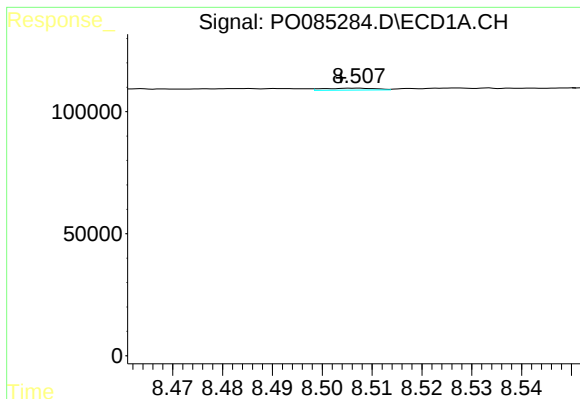
#36 AR-1262-1

R.T.: 7.947 min
Delta R.T.: 0.006 min
Response: 2972
Conc: 0.65 ng/ml



#36 AR-1262-1

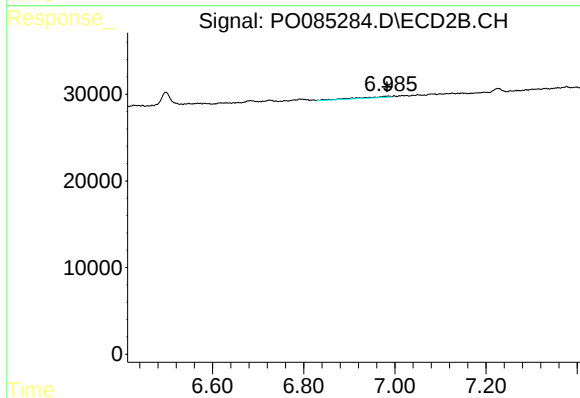
R.T.: 6.726 min
Delta R.T.: 0.042 min
Response: 7133
Conc: 4.15 ng/ml



#37 AR-1262-2

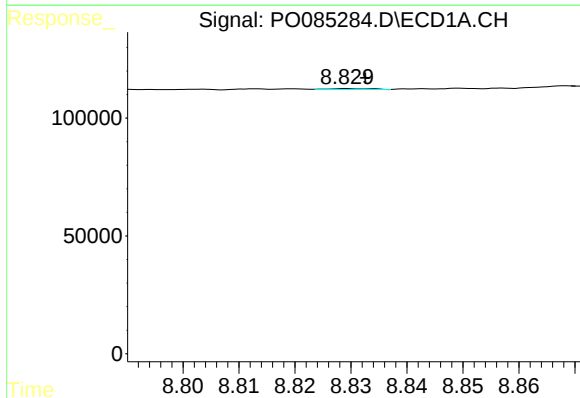
R.T.: 8.507 min
Delta R.T.: 0.003 min
Response: 5612
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



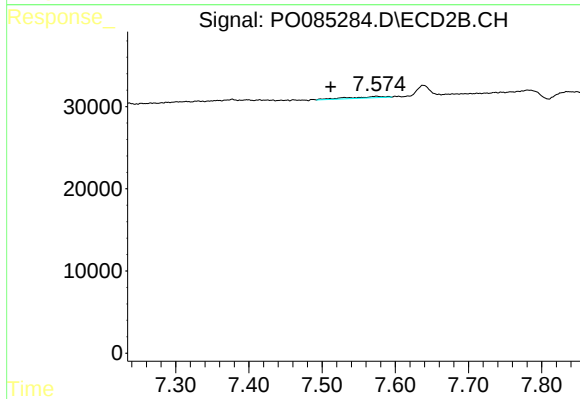
#37 AR-1262-2

R.T.: 6.986 min
Delta R.T.: 0.003 min
Response: 6273
Conc: 2.18 ng/ml



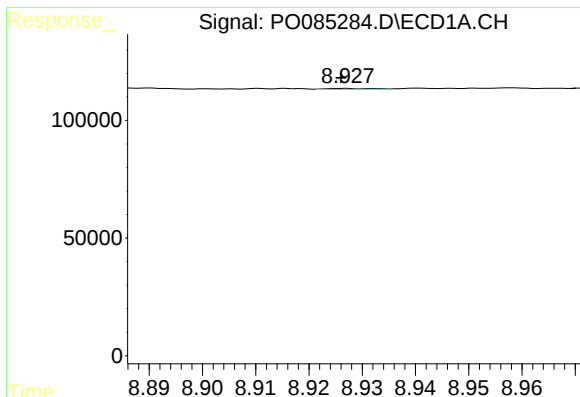
#38 AR-1262-3

R.T.: 8.829 min
Delta R.T.: -0.003 min
Response: 2108
Conc: 0.39 ng/ml



#38 AR-1262-3

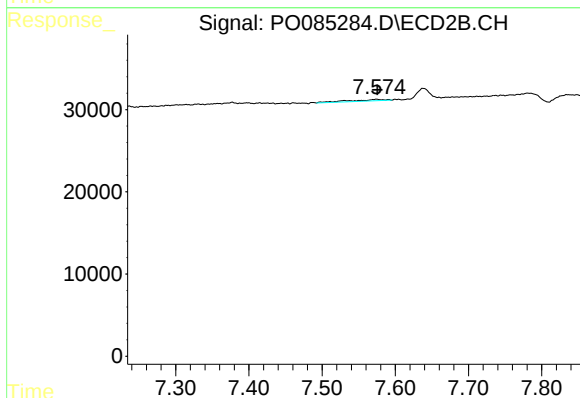
R.T.: 7.574 min
Delta R.T.: 0.063 min
Response: 6060
Conc: 2.68 ng/ml



#39 AR-1262-4

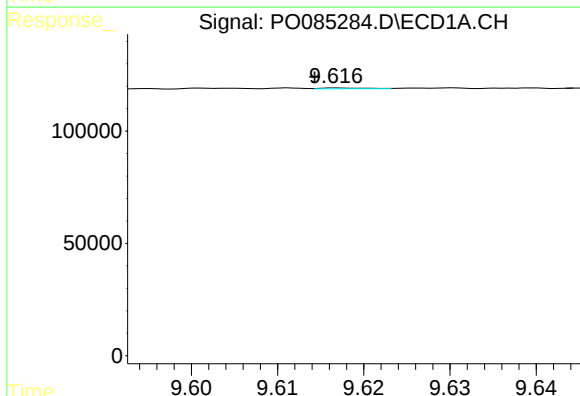
R.T.: 8.927 min
Delta R.T.: 0.001 min
Response: 2728
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



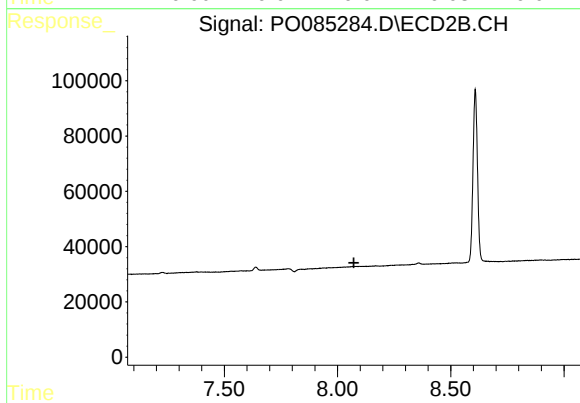
#39 AR-1262-4

R.T.: 7.574 min
Delta R.T.: -0.001 min
Response: 6060
Conc: 1.47 ng/ml



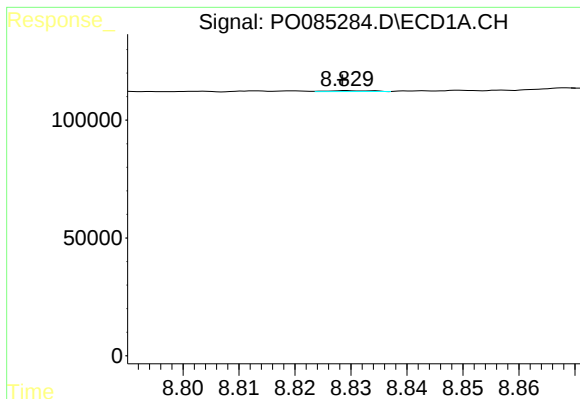
#40 AR-1262-5

R.T.: 9.617 min
Delta R.T.: 0.003 min
Response: 1344
Conc: 0.49 ng/ml



#40 AR-1262-5

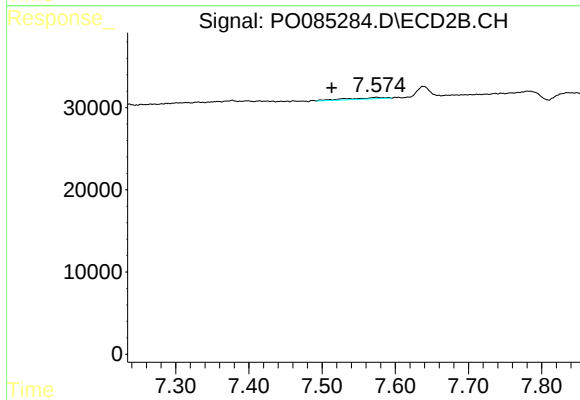
R.T.: 0.000 min
Exp R.T. : 8.072 min
Response: 0
Conc: N.D.



#41 AR-1268-1

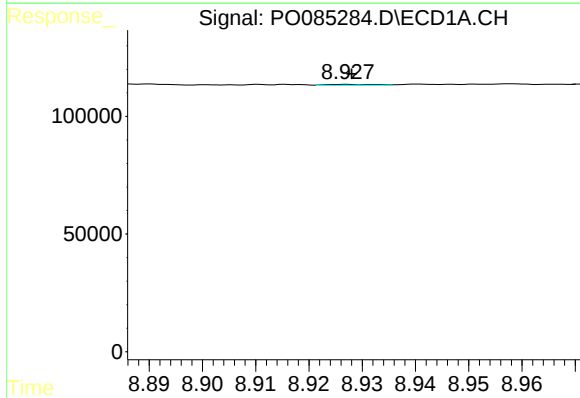
R.T.: 8.829 min
Delta R.T.: 0.000 min
Response: 2108
Conc: 0.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



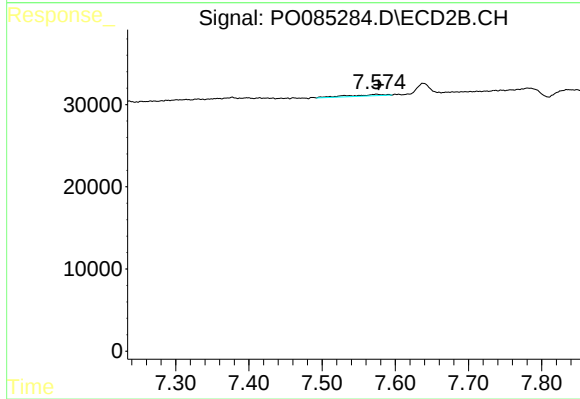
#41 AR-1268-1

R.T.: 7.574 min
Delta R.T.: 0.061 min
Response: 6060
Conc: 0.92 ng/ml



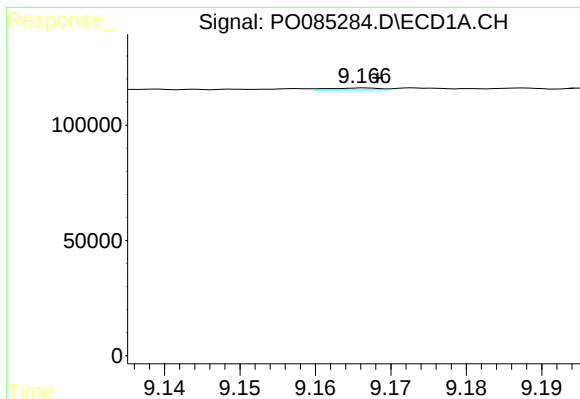
#42 AR-1268-2

R.T.: 8.927 min
Delta R.T.: 0.000 min
Response: 2728
Conc: 0.32 ng/ml



#42 AR-1268-2

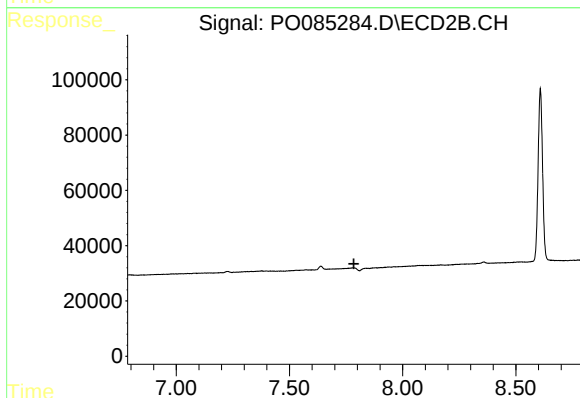
R.T.: 7.574 min
Delta R.T.: -0.003 min
Response: 6060
Conc: 1.04 ng/ml



#43 AR-1268-3

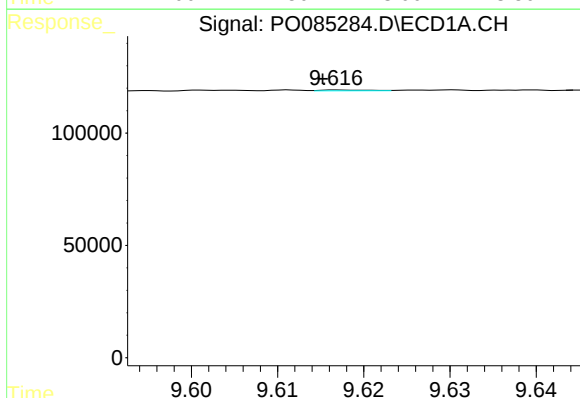
R.T.: 9.167 min
Delta R.T.: -0.002 min
Response: 4032
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



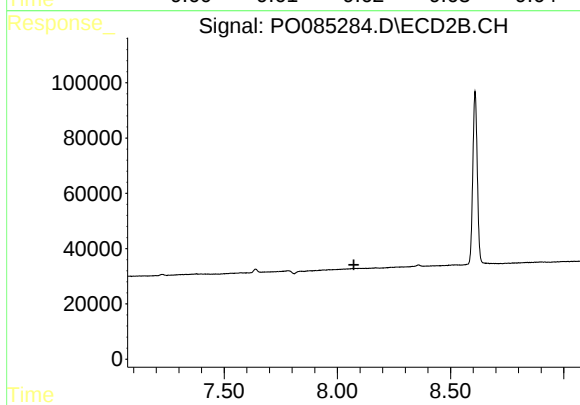
#43 AR-1268-3

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



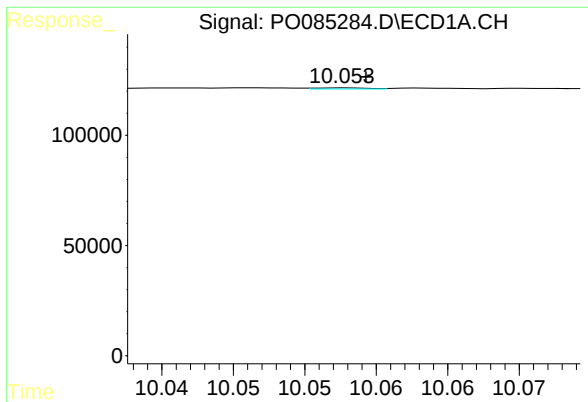
#44 AR-1268-4

R.T.: 9.617 min
Delta R.T.: 0.002 min
Response: 1344
Conc: 0.44 ng/ml



#44 AR-1268-4

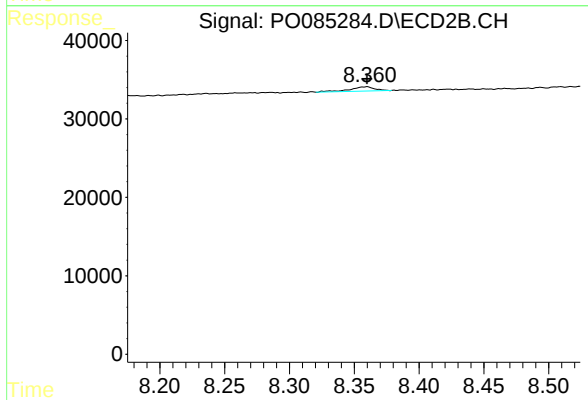
R.T.: 0.000 min
Exp R.T. : 8.073 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.053 min
Delta R.T.: -0.001 min
Response: 1264
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.359 min
Delta R.T.: -0.001 min
Response: 7384
Conc: 0.51 ng/ml