

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030222\
 Data File : P0085020.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Mar 2022 23:04
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 04:24:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 28 18:40:06 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...	4.509	3.595	5548052	1035368	19.843	23.023
2)	SA Decachlor...	10.435	8.623	3994668	886594	22.789	24.128
Target Compounds							
3)	L1 AR-1016-1	5.685	0.000	2158	0	0.230	N.D. #
4)	L1 AR-1016-2	5.725	0.000	4578	0	0.343	N.D. #
5)	L1 AR-1016-3	5.773	0.000	6079	0	0.761	N.D. #
6)	L1 AR-1016-4	5.887	0.000	12357	0	1.840	N.D. #
7)	L1 AR-1016-5	6.188	5.145	16208	3063	2.564	2.311
8)	L2 AR-1221-1	4.729	0.000	1507	0	0.471	N.D. #
9)	L2 AR-1221-2	4.821	3.895	88783	14837	36.821	33.762
10)	L2 AR-1221-3	4.883	0.000	6171	0	0.847	N.D. #
11)	L3 AR-1232-1	4.883	0.000	6171	0	1.008	N.D. #
12)	L3 AR-1232-2	5.433	0.000	6305	0	2.119	N.D. #
13)	L3 AR-1232-3	5.725	0.000	4578	0	0.807	N.D. #
14)	L3 AR-1232-4	5.887	0.000	12357	0	4.327	N.D. #
15)	L3 AR-1232-5	6.008	5.145	2614	3063	1.157	5.523 #
16)	L4 AR-1242-1	5.685	0.000	2158	0	0.291	N.D. #
17)	L4 AR-1242-2	5.725	0.000	4578	0	0.432	N.D. #
18)	L4 AR-1242-3	5.773	0.000	6079	0	0.946	N.D. #
19)	L4 AR-1242-4	5.887	0.000	12357	0	2.279	N.D. #
20)	L4 AR-1242-5	6.634	5.516	24075	15916	4.577	12.842 #
21)	L5 AR-1248-1	5.685	0.000	2158	0	0.398	N.D. #
22)	L5 AR-1248-2	6.008	0.000	2614	0	0.340	N.D. #
23)	L5 AR-1248-3	6.188	0.000	16208	0	1.886	N.D. #
24)	L5 AR-1248-4	6.593	5.145	44184	3063	4.742	1.763 #
25)	L5 AR-1248-5	6.634	5.516	24075	15916	2.693	9.491 #
26)	L6 AR-1254-1	6.569	5.516	176881	15916	18.034	5.950 #
27)	L6 AR-1254-2	6.796	0.000	8409	0	0.567	N.D. #
28)	L6 AR-1254-3	7.167	0.000	55123	0	3.641	N.D. #
29)	L6 AR-1254-4	7.447	6.343f	35240	3733	3.285	1.593 #
30)	L6 AR-1254-5	7.874	0.000	176312	0	14.973	N.D. #
31)	L7 AR-1260-1	7.310	0.000	13721	0	1.202	N.D. #
32)	L7 AR-1260-2	7.573	6.343	8388	3733	0.652	1.261 #
33)	L7 AR-1260-3	7.952	6.509	10333	4868	1.294	1.780 #
34)	L7 AR-1260-4	8.188	0.000	26062	0	2.740	N.D. #
35)	L7 AR-1260-5	8.523	0.000	6822	0	0.371	N.D. #
36)	L8 AR-1262-1	7.952	0.000	10333	0	1.143	N.D. #
37)	L8 AR-1262-2	8.523	0.000	6822	0	0.428	N.D. #
38)	L8 AR-1262-3	8.838	0.000	9500	0	0.906	N.D. #
39)	L8 AR-1262-4	8.932	7.651f	2639	2322	0.522	0.820 #
40)	L8 AR-1262-5	9.626	8.103	1641	30082	0.300	22.727 #
41)	L9 AR-1268-1	8.838	0.000	9500	0	0.340	N.D. #

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

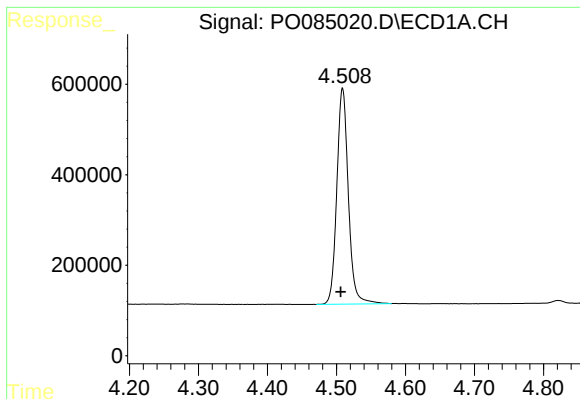
Instrument :
 ECD_O
 ClientSampleId :
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Integration File signal 1: autoint1.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.932	7.651f	2639	2322	0.105	0.383 #
43) L9	AR-1268-3	9.184	0.000	6302	0	0.295	N.D. #
44) L9	AR-1268-4	9.626	8.103	1641	30082	0.179	13.179 #
45) L9	AR-1268-5	10.070	8.371	14243	30059	0.203	2.043 #

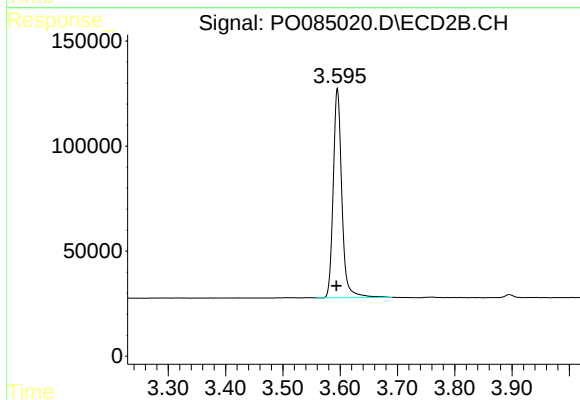
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

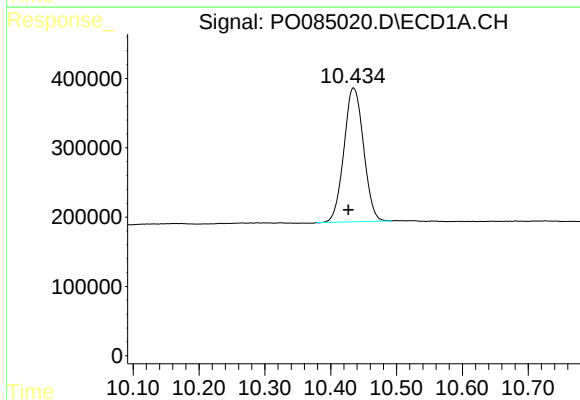
R.T.: 4.509 min
Delta R.T.: 0.003 min
Response: 5548052
Conc: 19.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



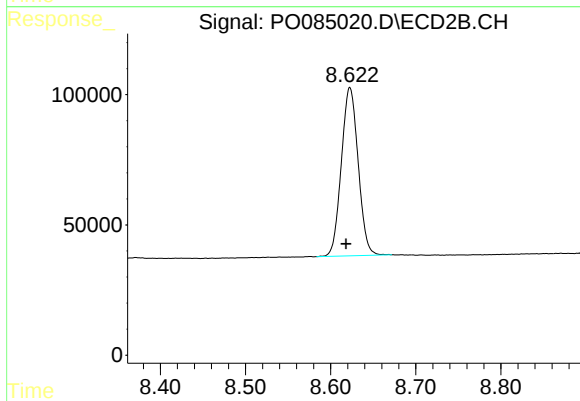
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.002 min
Response: 1035368
Conc: 23.02 ng/ml



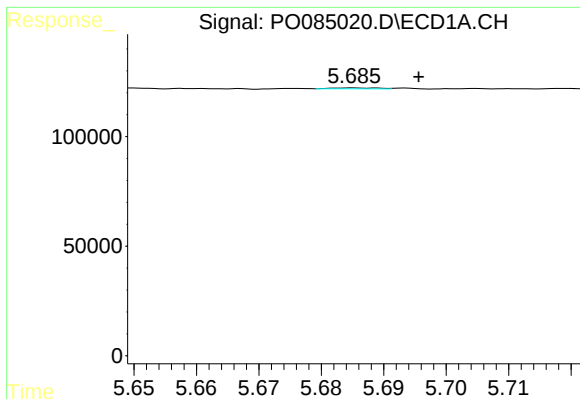
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.008 min
Response: 3994668
Conc: 22.79 ng/ml



#2 Decachlorobiphenyl

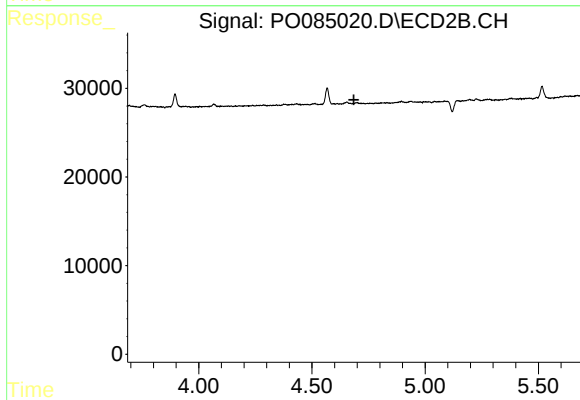
R.T.: 8.623 min
Delta R.T.: 0.004 min
Response: 886594
Conc: 24.13 ng/ml



#3 AR-1016-1

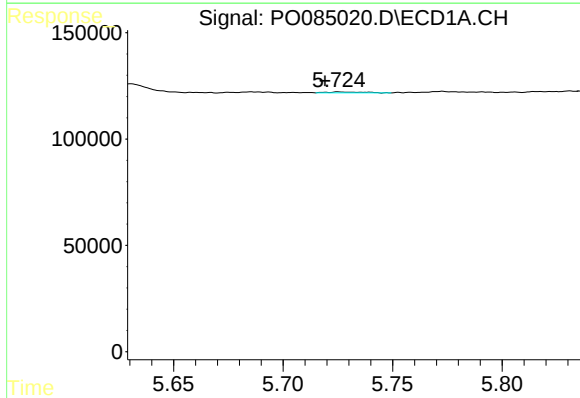
R.T.: 5.685 min
Delta R.T.: -0.010 min
Response: 2158
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



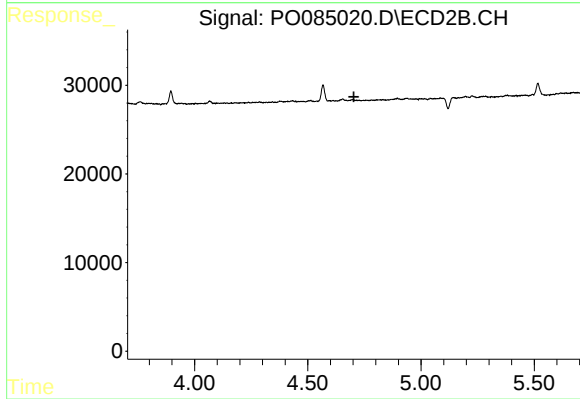
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.685 min
Response: 0
Conc: N.D.



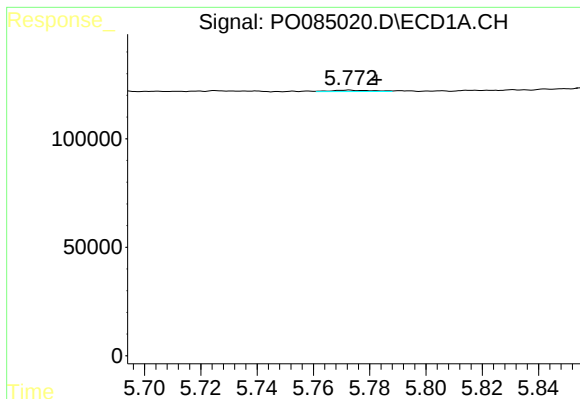
#4 AR-1016-2

R.T.: 5.725 min
Delta R.T.: 0.006 min
Response: 4578
Conc: 0.34 ng/ml



#4 AR-1016-2

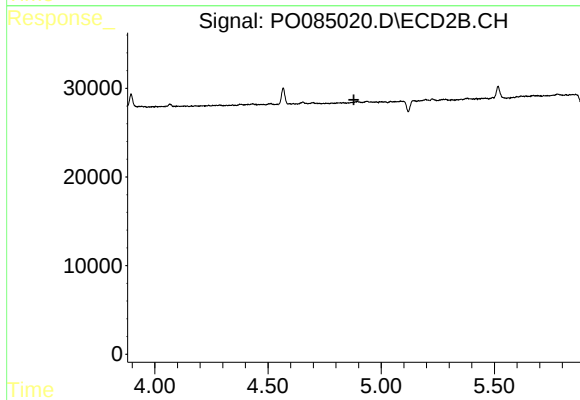
R.T.: 0.000 min
Exp R.T. : 4.703 min
Response: 0
Conc: N.D.



#5 AR-1016-3

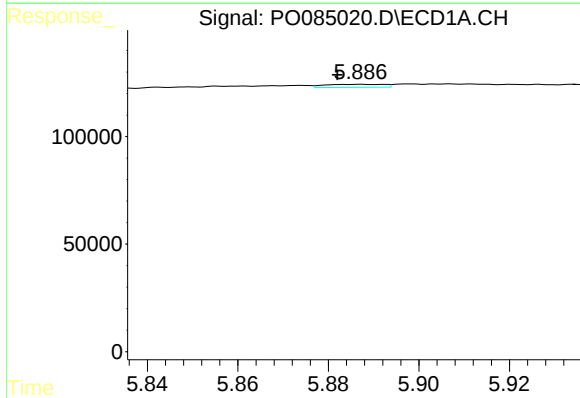
R.T.: 5.773 min
Delta R.T.: -0.010 min
Response: 6079
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



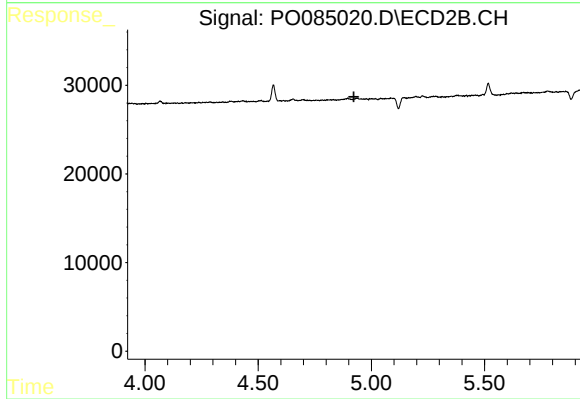
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.879 min
Response: 0
Conc: N.D.



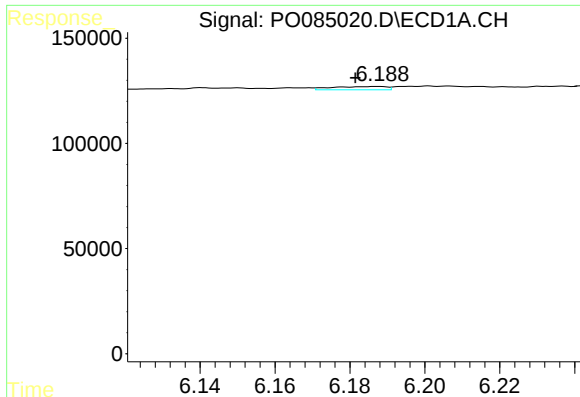
#6 AR-1016-4

R.T.: 5.887 min
Delta R.T.: 0.005 min
Response: 12357
Conc: 1.84 ng/ml



#6 AR-1016-4

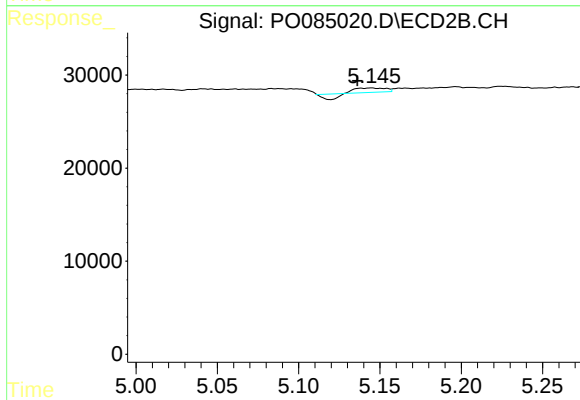
R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#7 AR-1016-5

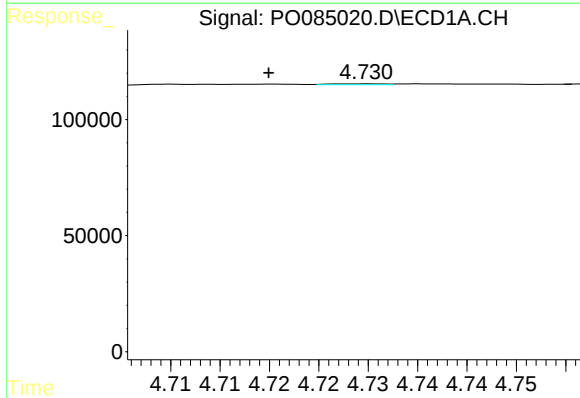
R.T.: 6.188 min
Delta R.T.: 0.006 min
Response: 16208
Conc: 2.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



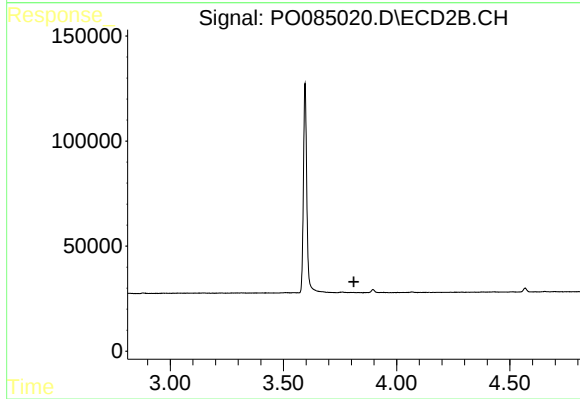
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: 0.009 min
Response: 3063
Conc: 2.31 ng/ml



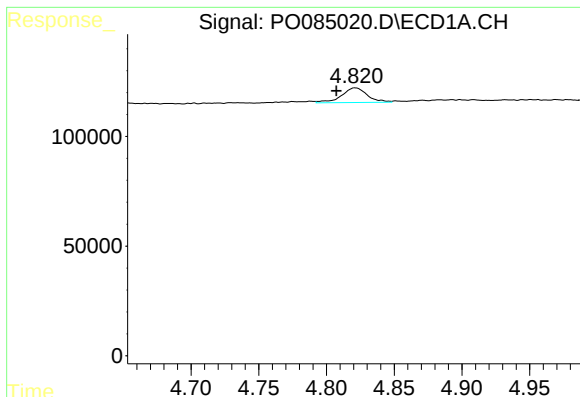
#8 AR-1221-1

R.T.: 4.729 min
Delta R.T.: 0.009 min
Response: 1507
Conc: 0.47 ng/ml



#8 AR-1221-1

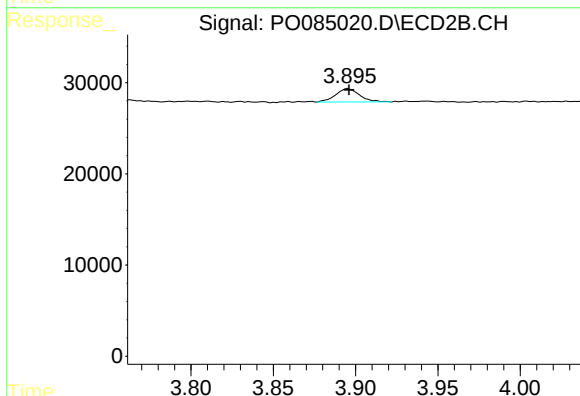
R.T.: 0.000 min
Exp R.T.: 3.811 min
Response: 0
Conc: N.D.



#9 AR-1221-2

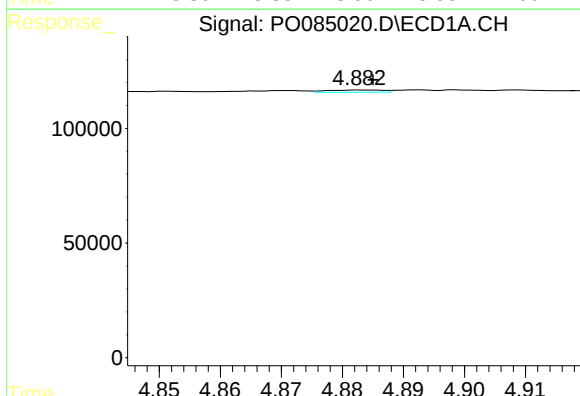
R.T.: 4.821 min
Delta R.T.: 0.014 min
Response: 88783
Conc: 36.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



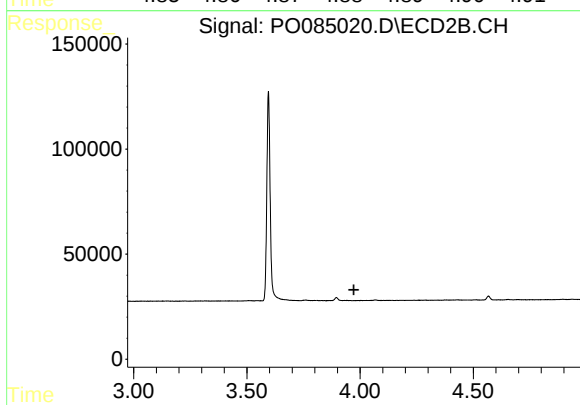
#9 AR-1221-2

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 14837
Conc: 33.76 ng/ml



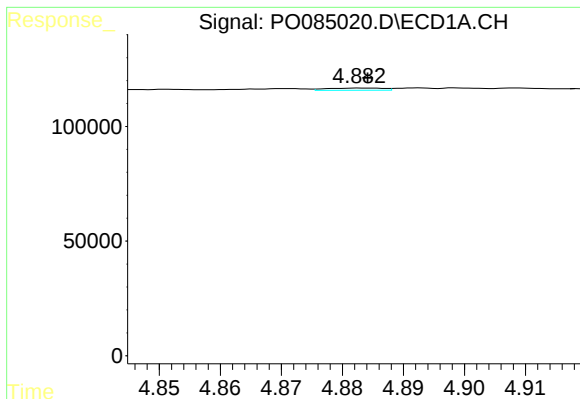
#10 AR-1221-3

R.T.: 4.883 min
Delta R.T.: -0.002 min
Response: 6171
Conc: 0.85 ng/ml



#10 AR-1221-3

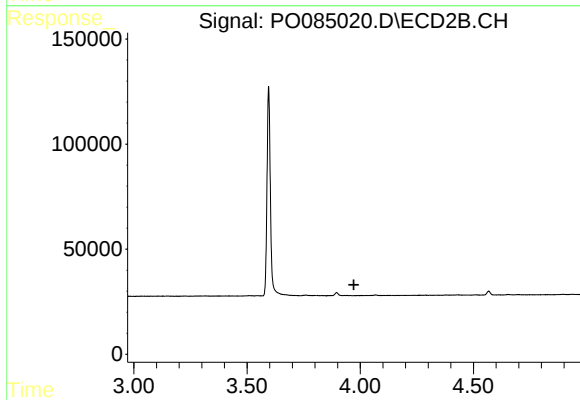
R.T.: 0.000 min
Exp R.T. : 3.973 min
Response: 0
Conc: N.D.



#11 AR-1232-1

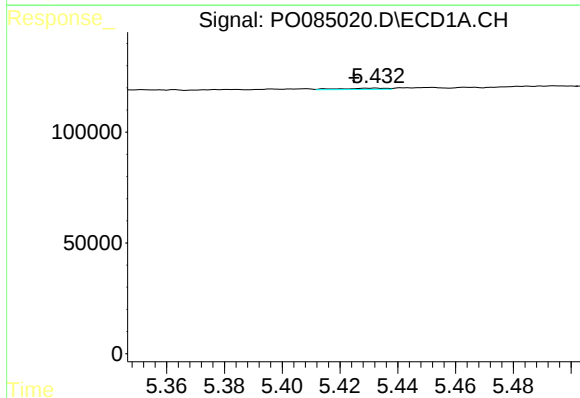
R.T.: 4.883 min
Delta R.T.: -0.001 min
Response: 6171
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



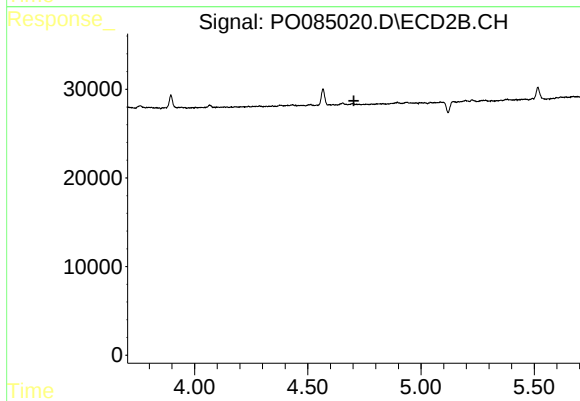
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.972 min
Response: 0
Conc: N.D.



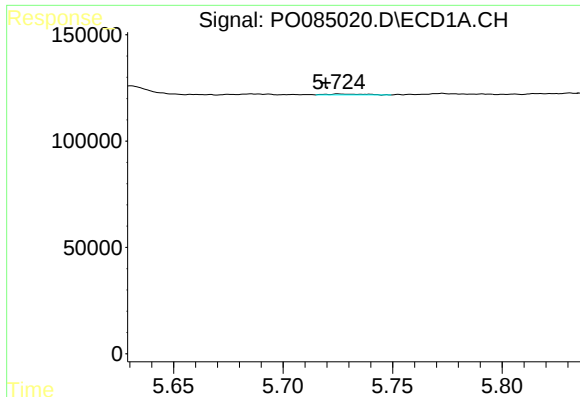
#12 AR-1232-2

R.T.: 5.433 min
Delta R.T.: 0.008 min
Response: 6305
Conc: 2.12 ng/ml



#12 AR-1232-2

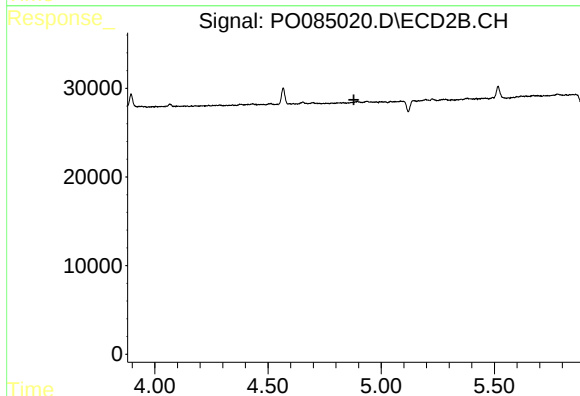
R.T.: 0.000 min
Exp R.T. : 4.704 min
Response: 0
Conc: N.D.



#13 AR-1232-3

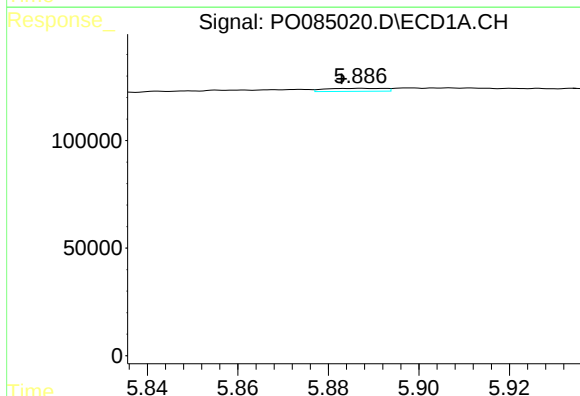
R.T.: 5.725 min
Delta R.T.: 0.005 min
Response: 4578
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



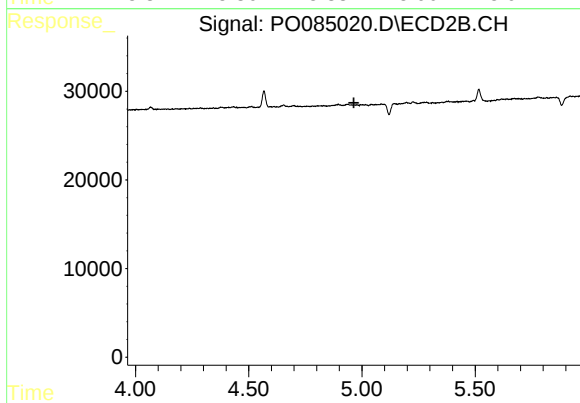
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.879 min
Response: 0
Conc: N.D.



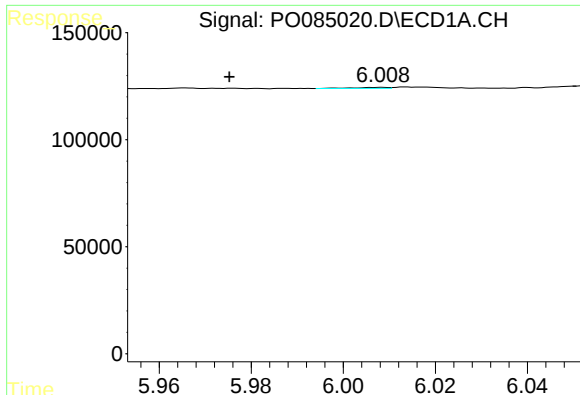
#14 AR-1232-4

R.T.: 5.887 min
Delta R.T.: 0.004 min
Response: 12357
Conc: 4.33 ng/ml



#14 AR-1232-4

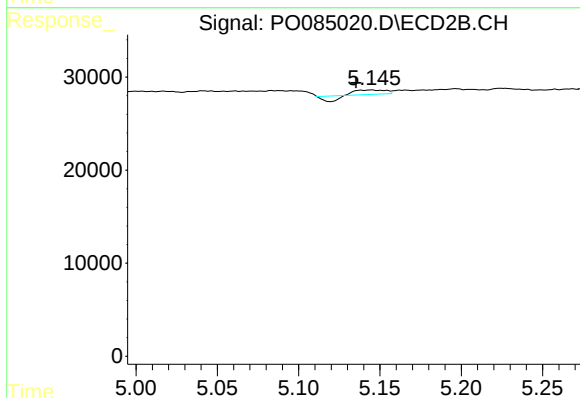
R.T.: 0.000 min
Exp R.T. : 4.964 min
Response: 0
Conc: N.D.



#15 AR-1232-5

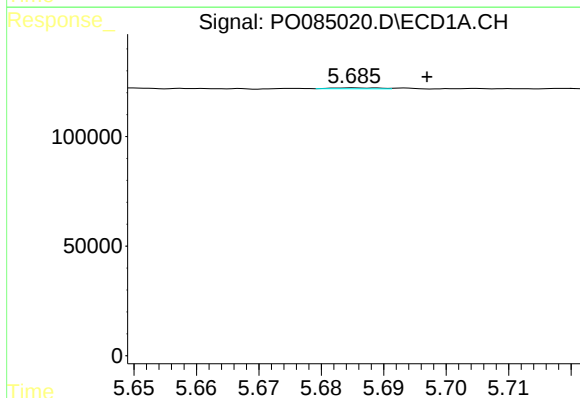
R.T.: 6.008 min
Delta R.T.: 0.033 min
Response: 2614
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



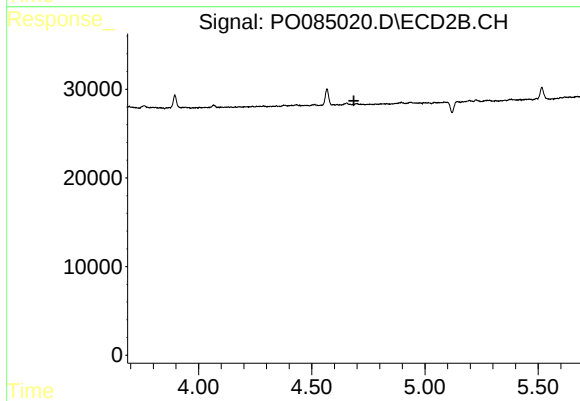
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: 0.010 min
Response: 3063
Conc: 5.52 ng/ml



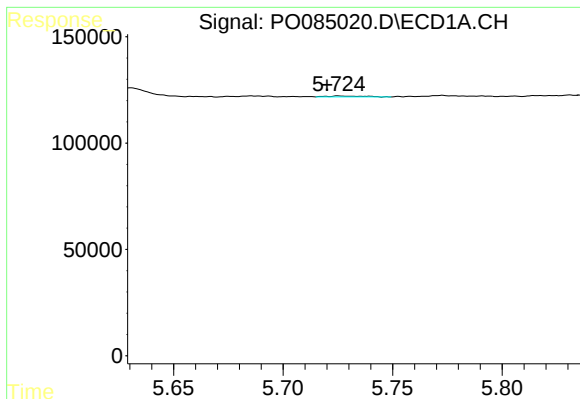
#16 AR-1242-1

R.T.: 5.685 min
Delta R.T.: -0.012 min
Response: 2158
Conc: 0.29 ng/ml



#16 AR-1242-1

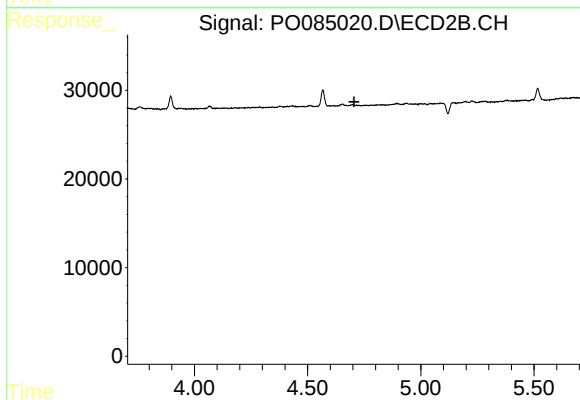
R.T.: 0.000 min
Exp R.T.: 4.686 min
Response: 0
Conc: N.D.



#17 AR-1242-2

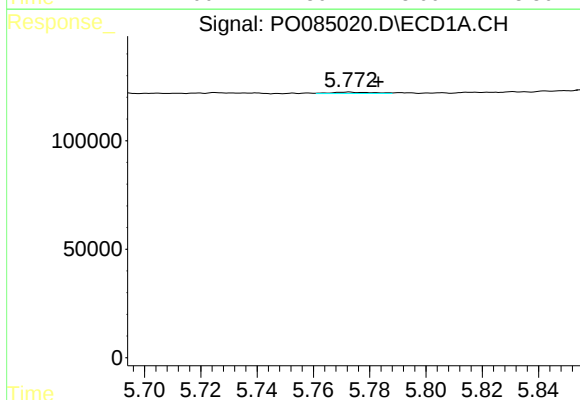
R.T.: 5.725 min
Delta R.T.: 0.005 min
Response: 4578
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



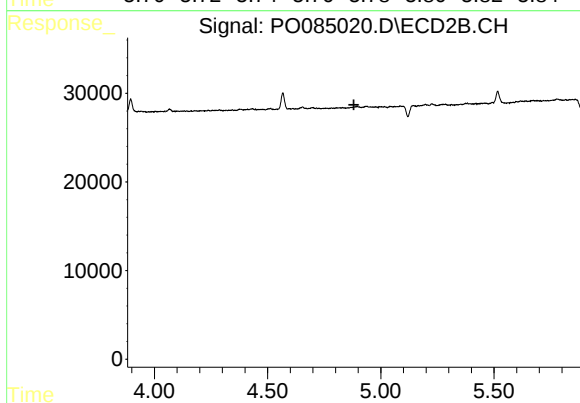
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.705 min
Response: 0
Conc: N.D.



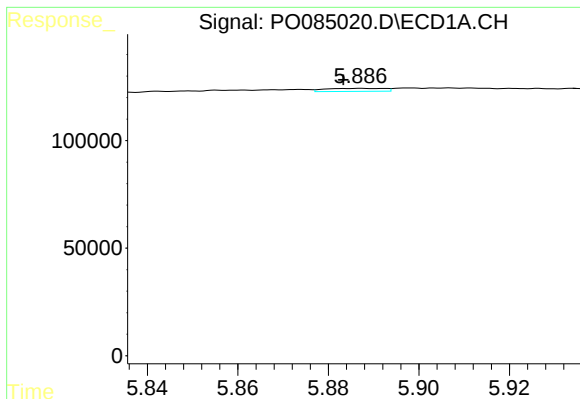
#18 AR-1242-3

R.T.: 5.773 min
Delta R.T.: -0.010 min
Response: 6079
Conc: 0.95 ng/ml



#18 AR-1242-3

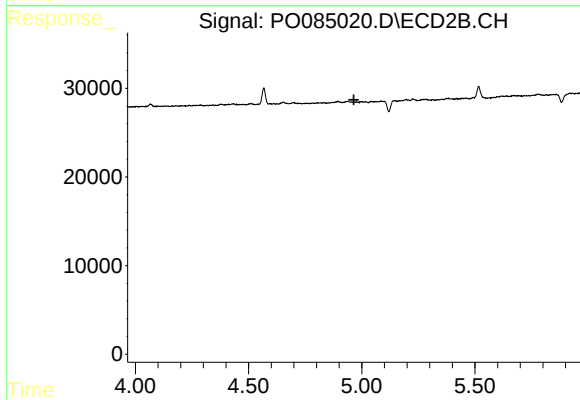
R.T.: 0.000 min
Exp R.T. : 4.881 min
Response: 0
Conc: N.D.



#19 AR-1242-4

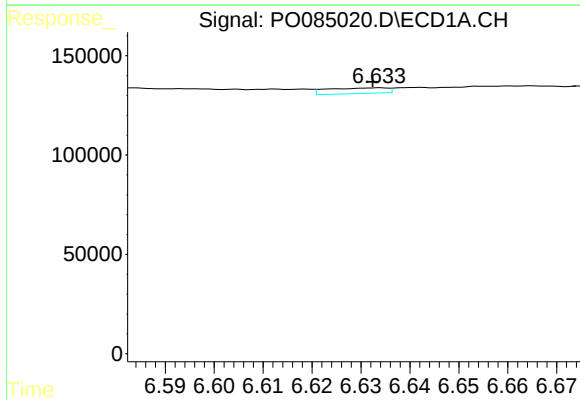
R.T.: 5.887 min
Delta R.T.: 0.004 min
Response: 12357
Conc: 2.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



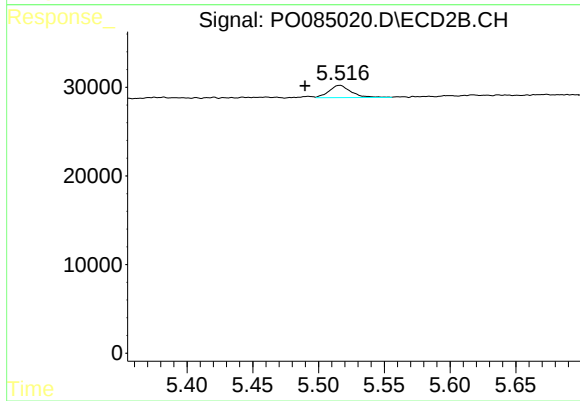
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.966 min
Response: 0
Conc: N.D.



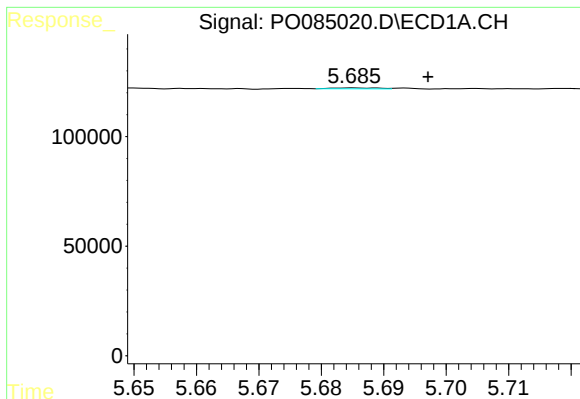
#20 AR-1242-5

R.T.: 6.634 min
Delta R.T.: 0.001 min
Response: 24075
Conc: 4.58 ng/ml



#20 AR-1242-5

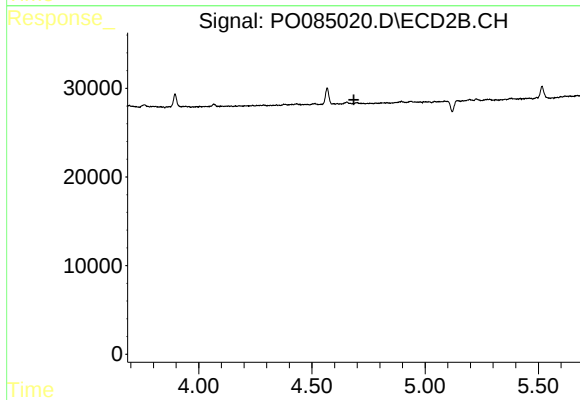
R.T.: 5.516 min
Delta R.T.: 0.027 min
Response: 15916
Conc: 12.84 ng/ml



#21 AR-1248-1

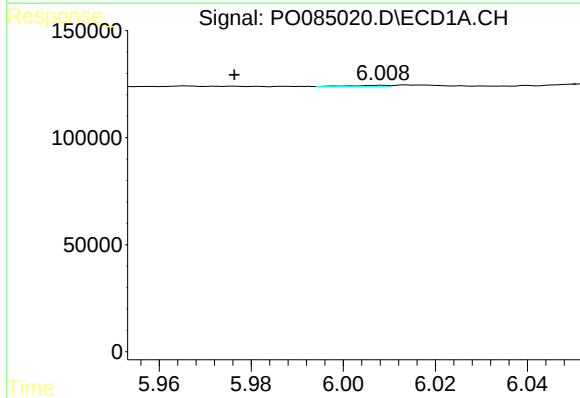
R.T.: 5.685 min
Delta R.T.: -0.012 min
Response: 2158
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



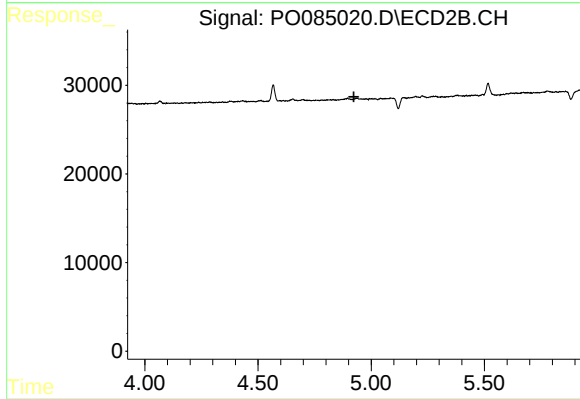
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.685 min
Response: 0
Conc: N.D.



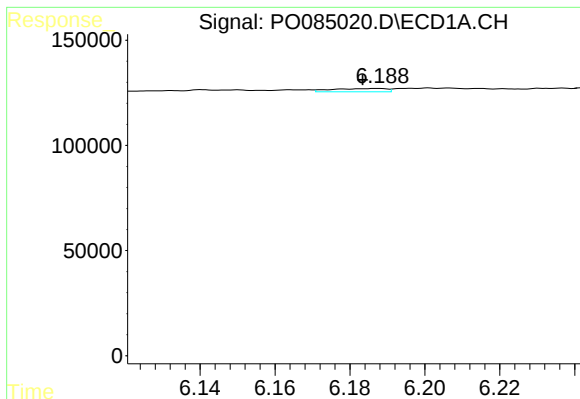
#22 AR-1248-2

R.T.: 6.008 min
Delta R.T.: 0.032 min
Response: 2614
Conc: 0.34 ng/ml



#22 AR-1248-2

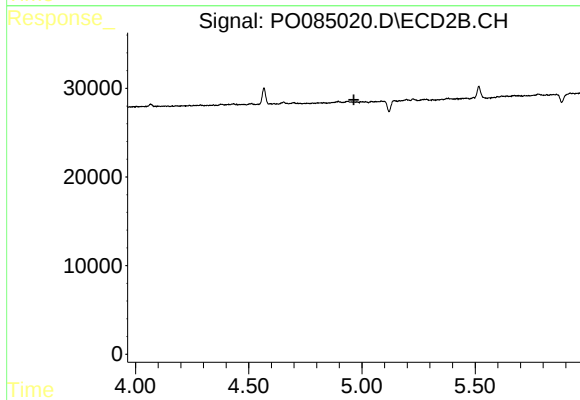
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#23 AR-1248-3

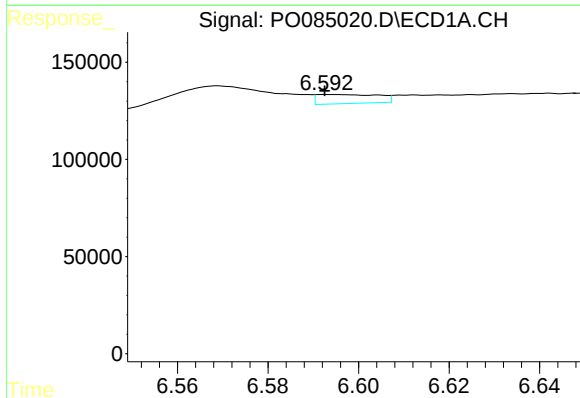
R.T.: 6.188 min
Delta R.T.: 0.004 min
Response: 16208
Conc: 1.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



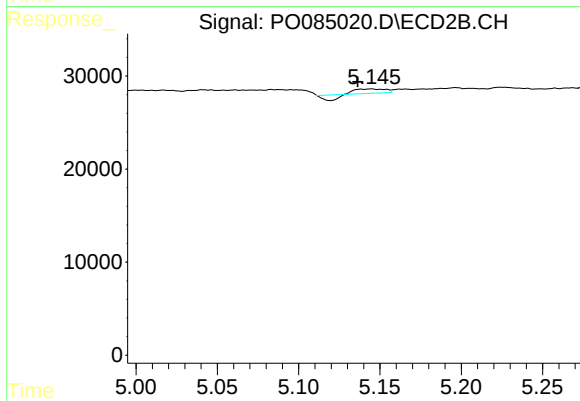
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.964 min
Response: 0
Conc: N.D.



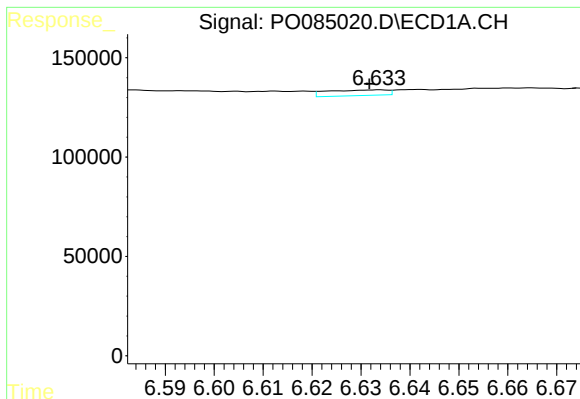
#24 AR-1248-4

R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 44184
Conc: 4.74 ng/ml



#24 AR-1248-4

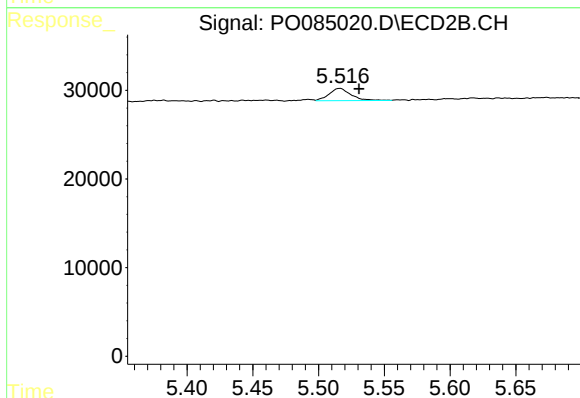
R.T.: 5.145 min
Delta R.T.: 0.009 min
Response: 3063
Conc: 1.76 ng/ml



#25 AR-1248-5

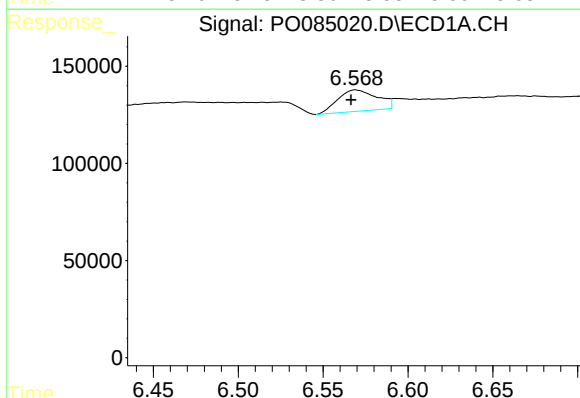
R.T.: 6.634 min
Delta R.T.: 0.002 min
Response: 24075
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



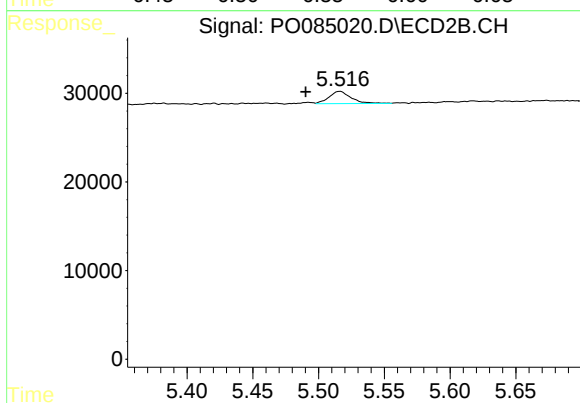
#25 AR-1248-5

R.T.: 5.516 min
Delta R.T.: -0.014 min
Response: 15916
Conc: 9.49 ng/ml



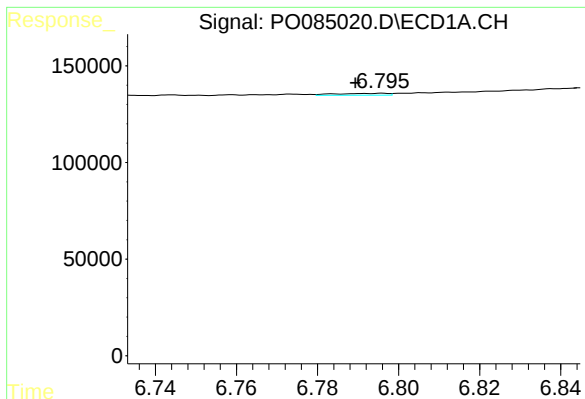
#26 AR-1254-1

R.T.: 6.569 min
Delta R.T.: 0.002 min
Response: 176881
Conc: 18.03 ng/ml



#26 AR-1254-1

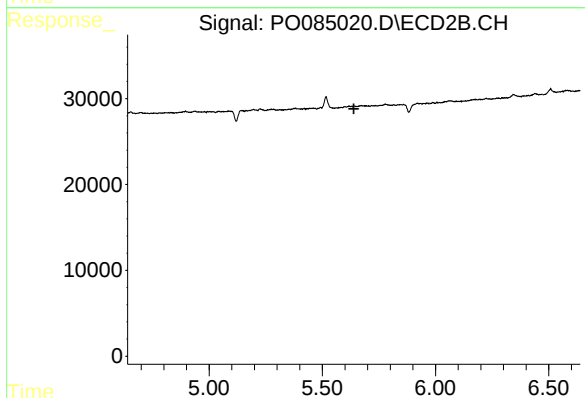
R.T.: 5.516 min
Delta R.T.: 0.026 min
Response: 15916
Conc: 5.95 ng/ml



#27 AR-1254-2

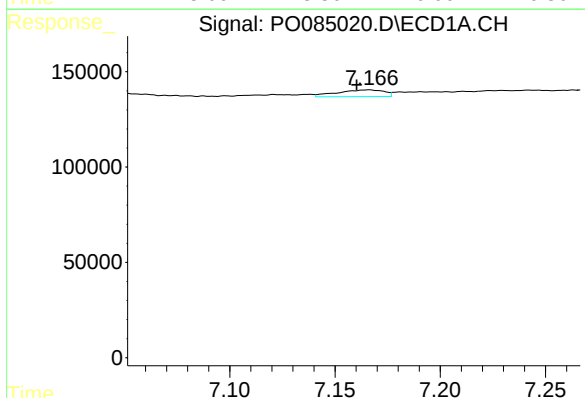
R.T.: 6.796 min
Delta R.T.: 0.007 min
Response: 8409
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



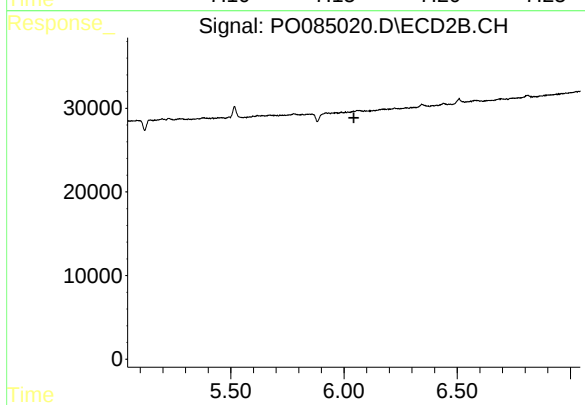
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.639 min
Response: 0
Conc: N.D.



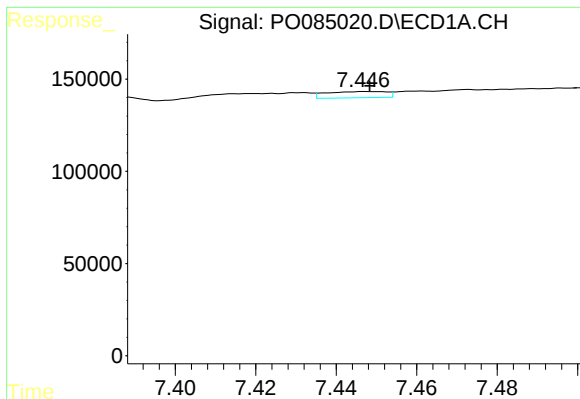
#28 AR-1254-3

R.T.: 7.167 min
Delta R.T.: 0.006 min
Response: 55123
Conc: 3.64 ng/ml



#28 AR-1254-3

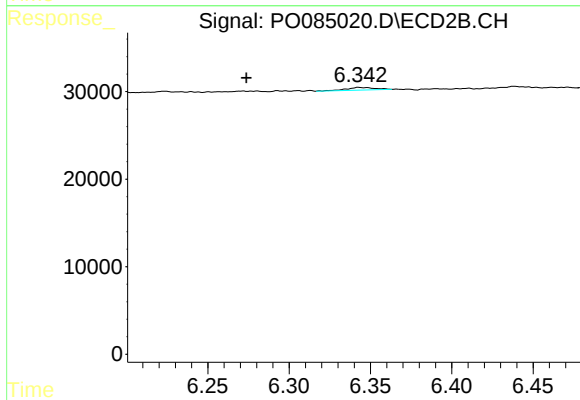
R.T.: 0.000 min
Exp R.T. : 6.043 min
Response: 0
Conc: N.D.



#29 AR-1254-4

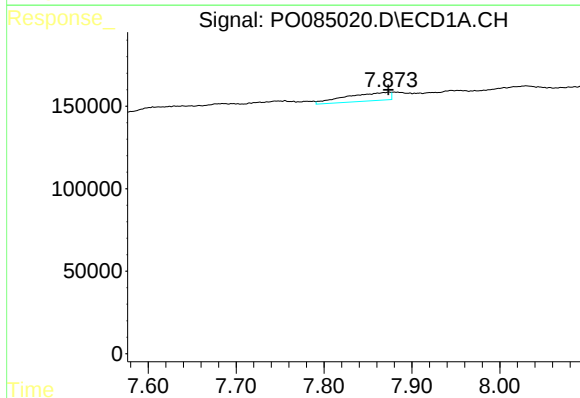
R.T.: 7.447 min
Delta R.T.: -0.001 min
Response: 35240
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



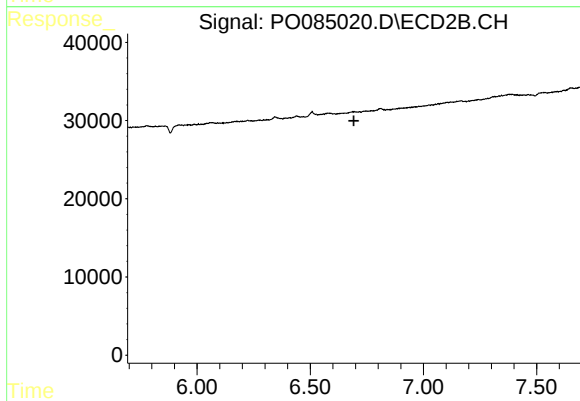
#29 AR-1254-4

R.T.: 6.343 min
Delta R.T.: 0.069 min
Response: 3733
Conc: 1.59 ng/ml



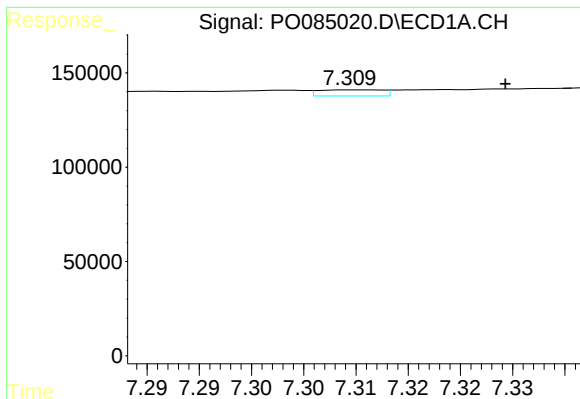
#30 AR-1254-5

R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 176312
Conc: 14.97 ng/ml



#30 AR-1254-5

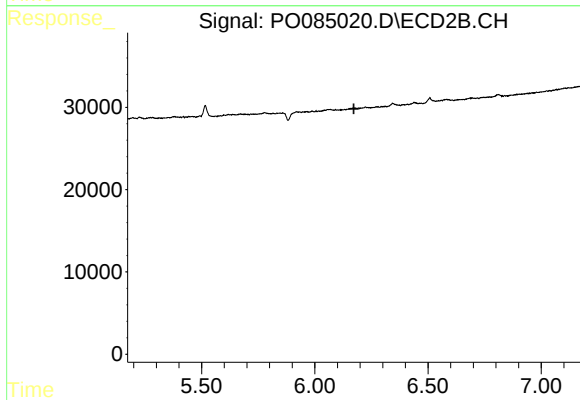
R.T.: 0.000 min
Exp R.T.: 6.693 min
Response: 0
Conc: N.D.



#31 AR-1260-1

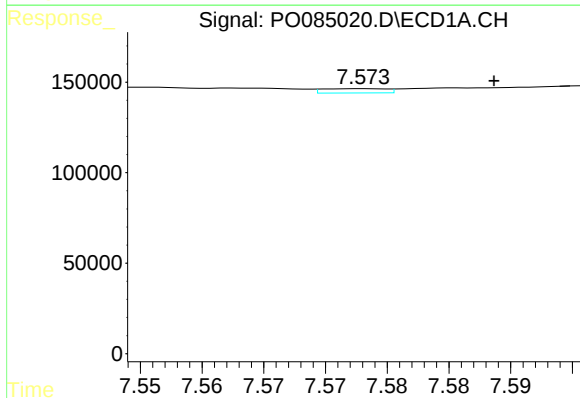
R.T.: 7.310 min
Delta R.T.: -0.014 min
Response: 13721
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



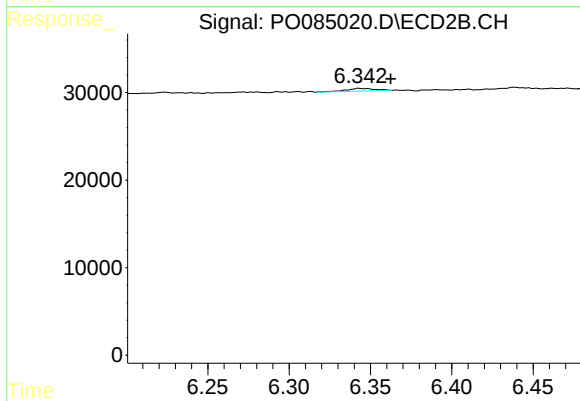
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.173 min
Response: 0
Conc: N.D.



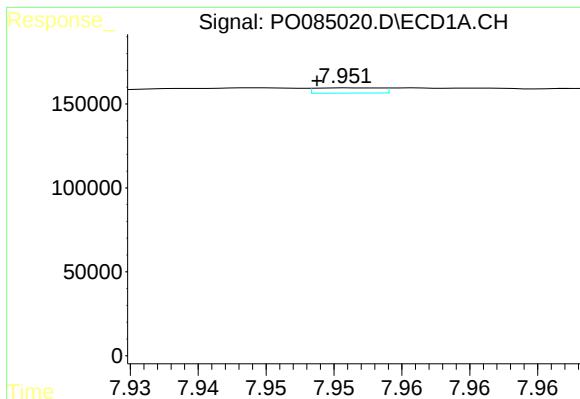
#32 AR-1260-2

R.T.: 7.573 min
Delta R.T.: -0.011 min
Response: 8388
Conc: 0.65 ng/ml



#32 AR-1260-2

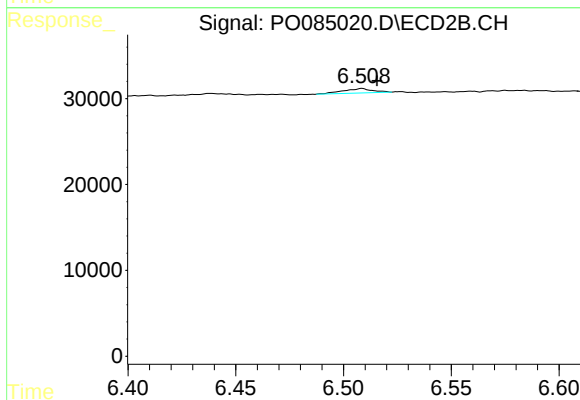
R.T.: 6.343 min
Delta R.T.: -0.020 min
Response: 3733
Conc: 1.26 ng/ml



#33 AR-1260-3

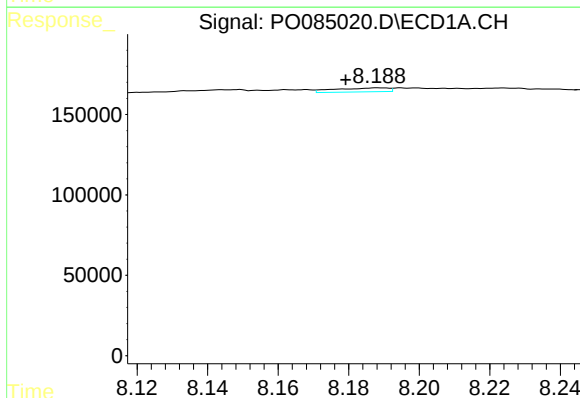
R.T.: 7.952 min
Delta R.T.: 0.003 min
Response: 10333
Conc: 1.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



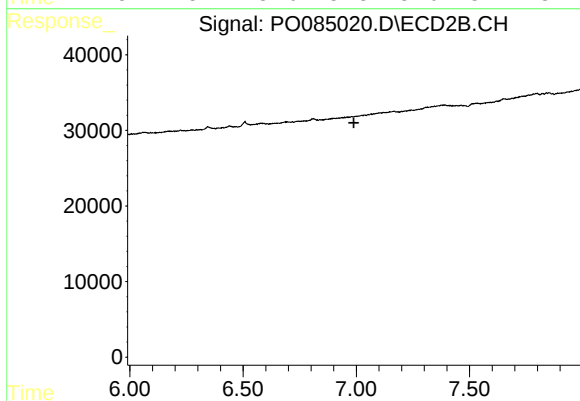
#33 AR-1260-3

R.T.: 6.509 min
Delta R.T.: -0.007 min
Response: 4868
Conc: 1.78 ng/ml



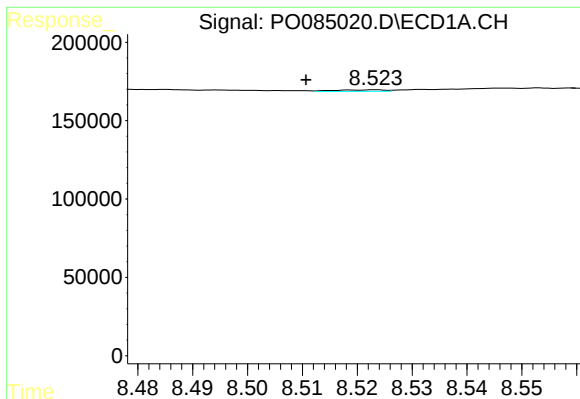
#34 AR-1260-4

R.T.: 8.188 min
Delta R.T.: 0.009 min
Response: 26062
Conc: 2.74 ng/ml



#34 AR-1260-4

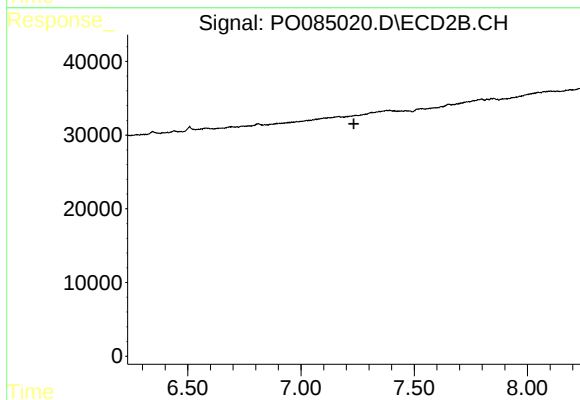
R.T.: 0.000 min
Exp R.T.: 6.990 min
Response: 0
Conc: N.D.



#35 AR-1260-5

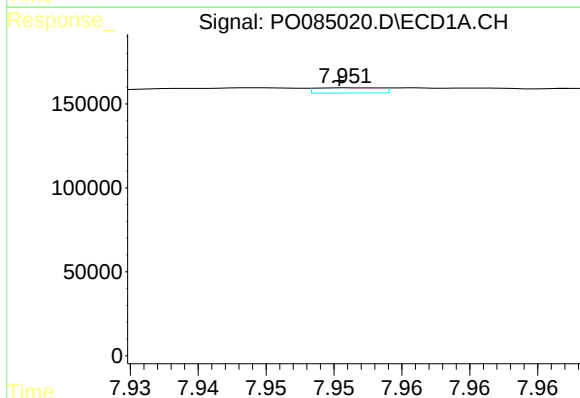
R.T.: 8.523 min
Delta R.T.: 0.013 min
Response: 6822
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



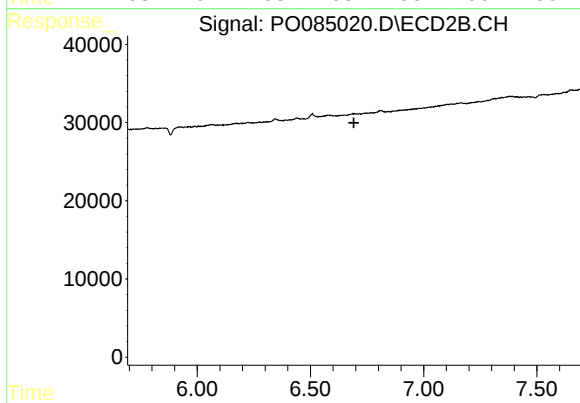
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.233 min
Response: 0
Conc: N.D.



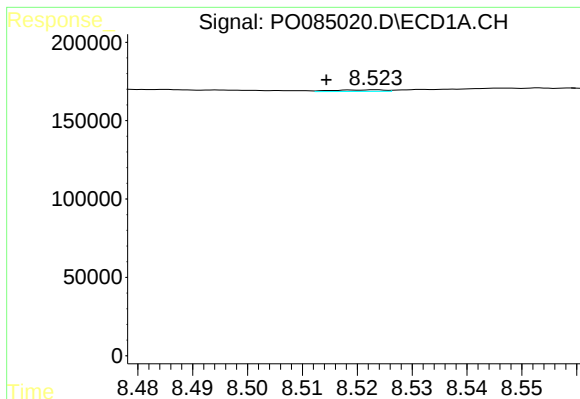
#36 AR-1262-1

R.T.: 7.952 min
Delta R.T.: 0.001 min
Response: 10333
Conc: 1.14 ng/ml



#36 AR-1262-1

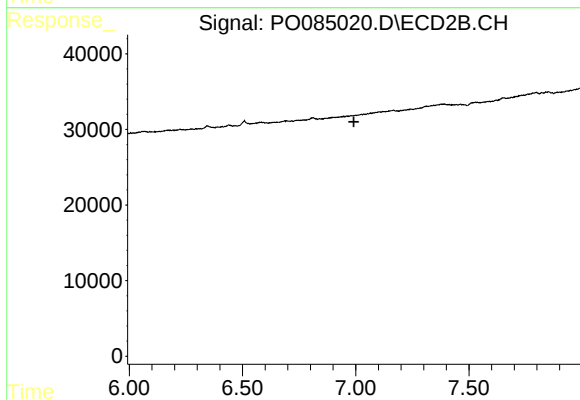
R.T.: 0.000 min
Exp R.T. : 6.692 min
Response: 0
Conc: N.D.



#37 AR-1262-2

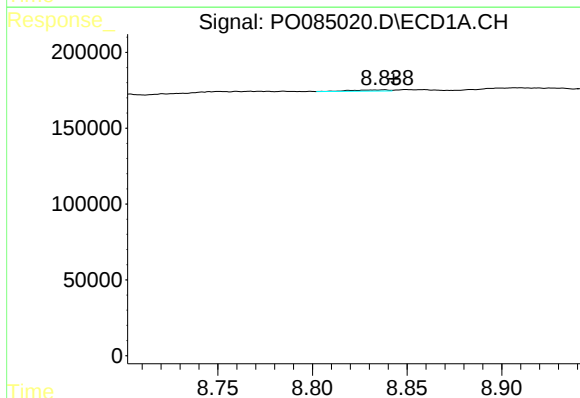
R.T.: 8.523 min
Delta R.T.: 0.009 min
Response: 6822
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



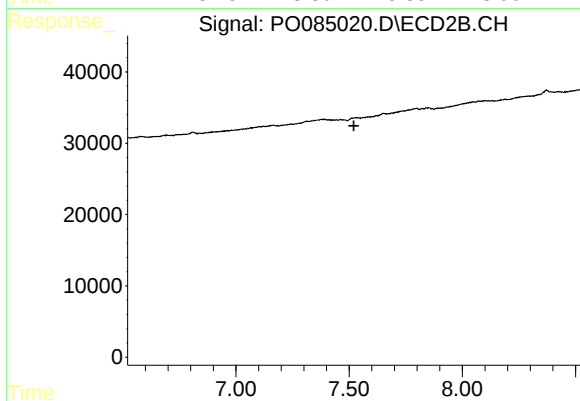
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.992 min
Response: 0
Conc: N.D.



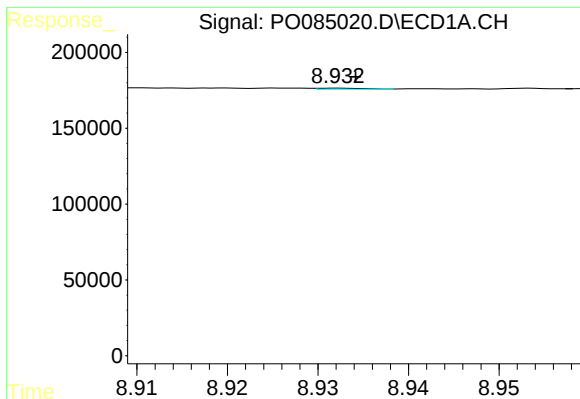
#38 AR-1262-3

R.T.: 8.838 min
Delta R.T.: -0.005 min
Response: 9500
Conc: 0.91 ng/ml



#38 AR-1262-3

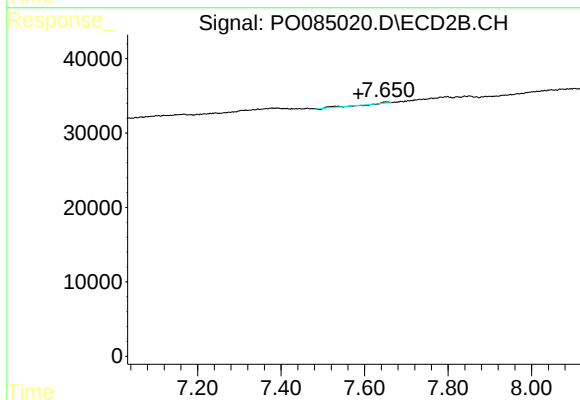
R.T.: 0.000 min
Exp R.T. : 7.521 min
Response: 0
Conc: N.D.



#39 AR-1262-4

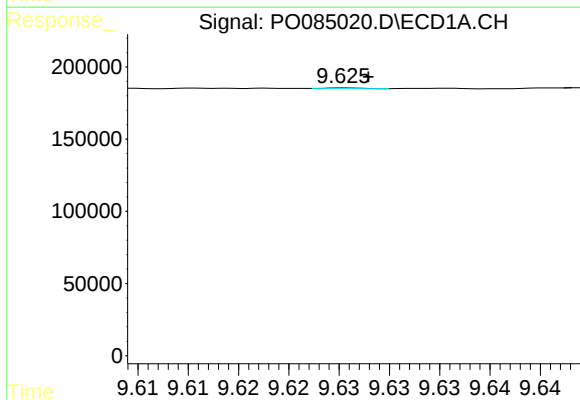
R.T.: 8.932 min
Delta R.T.: -0.002 min
Response: 2639
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



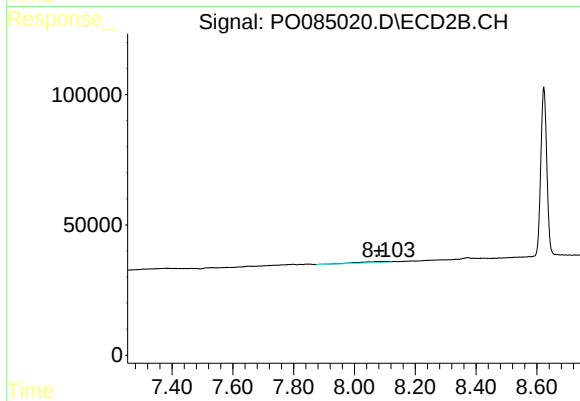
#39 AR-1262-4

R.T.: 7.651 min
Delta R.T.: 0.066 min
Response: 2322
Conc: 0.82 ng/ml



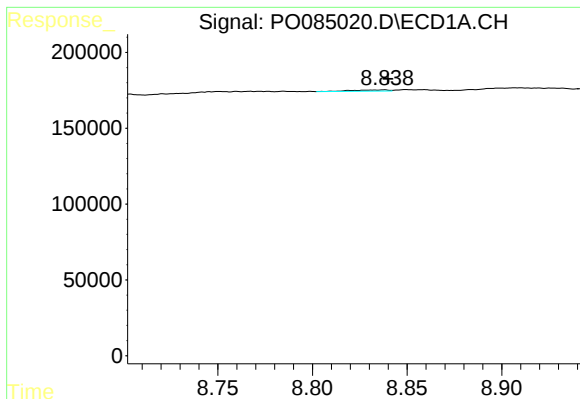
#40 AR-1262-5

R.T.: 9.626 min
Delta R.T.: -0.002 min
Response: 1641
Conc: 0.30 ng/ml



#40 AR-1262-5

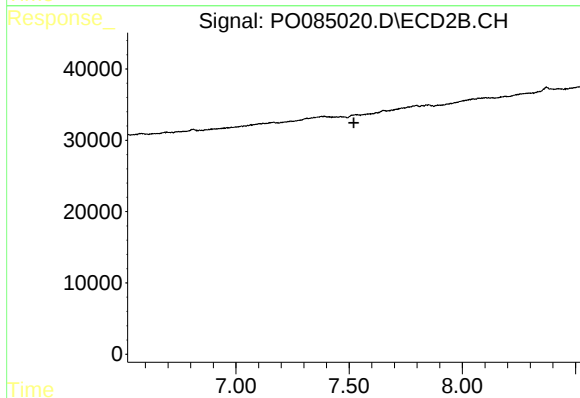
R.T.: 8.103 min
Delta R.T.: 0.022 min
Response: 30082
Conc: 22.73 ng/ml



#41 AR-1268-1

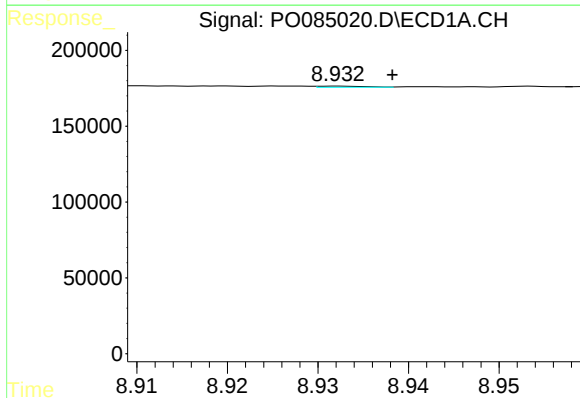
R.T.: 8.838 min
Delta R.T.: -0.002 min
Response: 9500
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



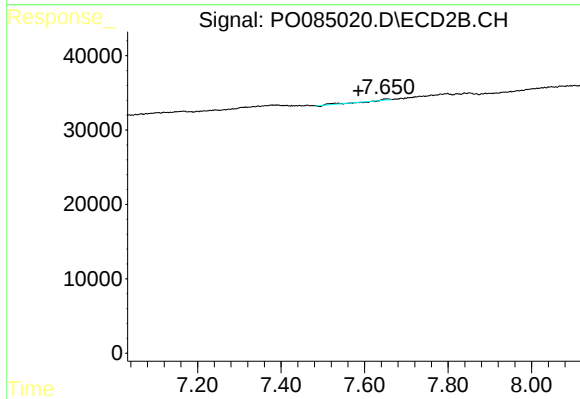
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.521 min
Response: 0
Conc: N.D.



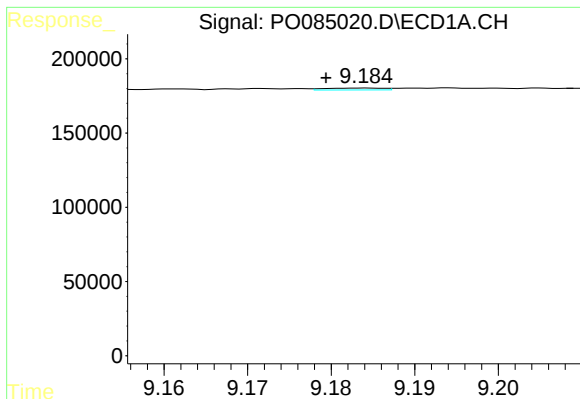
#42 AR-1268-2

R.T.: 8.932 min
Delta R.T.: -0.006 min
Response: 2639
Conc: 0.11 ng/ml



#42 AR-1268-2

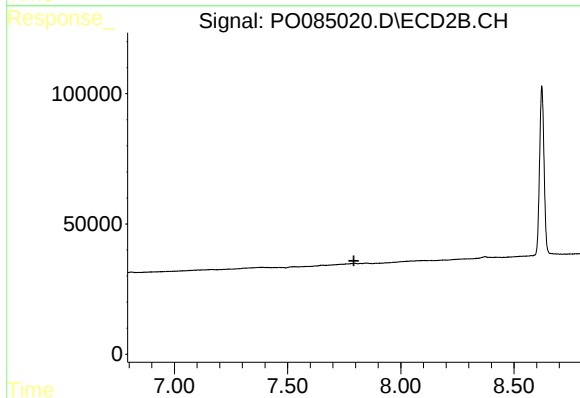
R.T.: 7.651 min
Delta R.T.: 0.066 min
Response: 2322
Conc: 0.38 ng/ml



#43 AR-1268-3

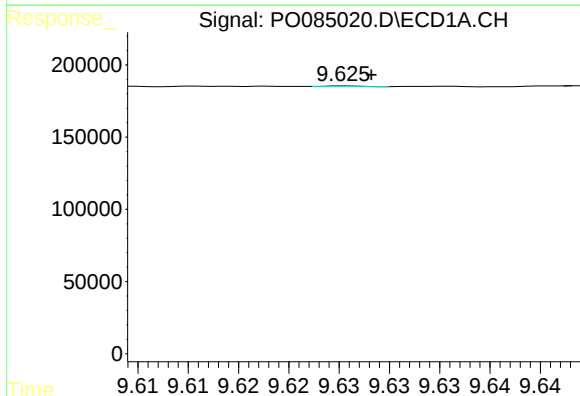
R.T.: 9.184 min
Delta R.T.: 0.005 min
Response: 6302
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



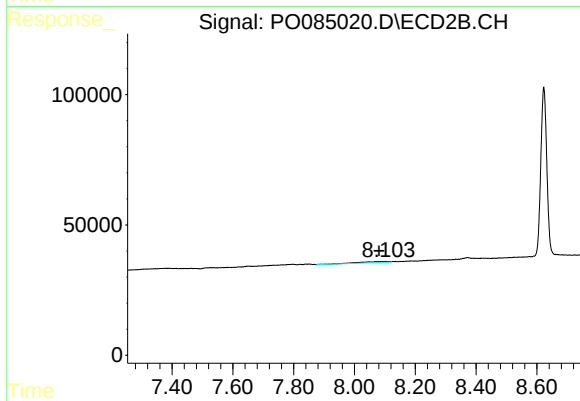
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.793 min
Response: 0
Conc: N.D.



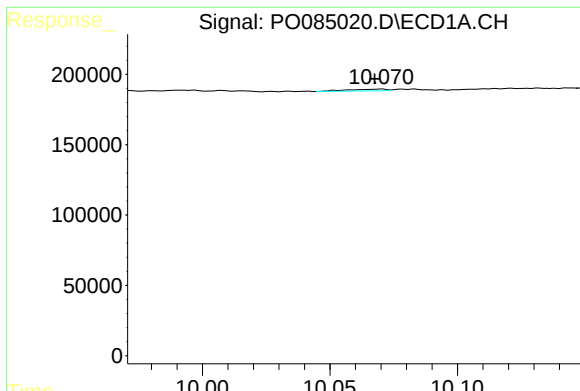
#44 AR-1268-4

R.T.: 9.626 min
Delta R.T.: -0.003 min
Response: 1641
Conc: 0.18 ng/ml



#44 AR-1268-4

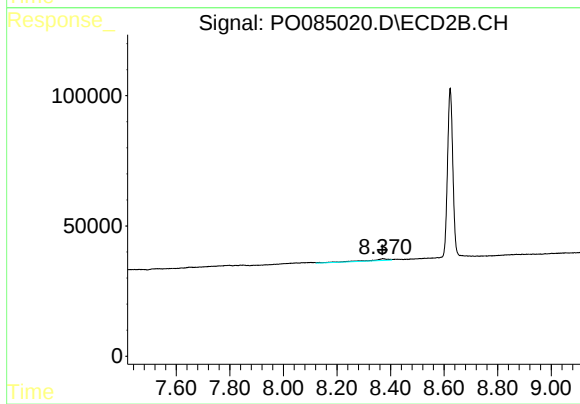
R.T.: 8.103 min
Delta R.T.: 0.022 min
Response: 30082
Conc: 13.18 ng/ml



#45 AR-1268-5

R.T.: 10.070 min
Delta R.T.: 0.003 min
Response: 14243
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.371 min
Delta R.T.: 0.002 min
Response: 30059
Conc: 2.04 ng/ml