

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082219\
 Data File : P0059711.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 5:59
 Operator : SM/AJ
 Sample : K4460-09 10X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HA-39

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 06:49:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 2019
 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...	4.126	3.498	63159	62165	1.804	1.727
2)	SA Decachlor...	9.602	8.360	77139	57786	1.450	1.433
Target Compounds							
3)	L1 AR-1016-1	5.334	4.521	15197	4817	9.475	3.563 #
4)	L1 AR-1016-2	5.334	4.600	15197	33217	6.352	16.583 #
5)	L1 AR-1016-3	5.334	4.716	15197	2262	10.203	2.091 #
6)	L1 AR-1016-4	5.488	4.783	1732	6692	1.432	7.411 #
7)	L1 AR-1016-5	5.698	0.000	15505	0	12.075	N.D. #
8)	L2 AR-1221-1	0.000	3.691	0	9929	N.D.	24.737 #
9)	L2 AR-1221-2	0.000	3.792	0	3700	N.D.	12.147 #
10)	L2 AR-1221-3	0.000	3.860	0	3073	N.D.	3.141 #
11)	L3 AR-1232-1	0.000	3.860	0	3073	N.D.	2.696 #
12)	L3 AR-1232-2	5.025	4.600	6743	33217	9.546	26.081 #
13)	L3 AR-1232-3	5.334	4.783	15197	6692	9.924	9.828
14)	L3 AR-1232-4	5.488	4.837	1732	16865	2.216	27.646 #
15)	L3 AR-1232-5	5.592	0.000	21893	0	36.419	N.D. #
16)	L4 AR-1242-1	5.334	4.600	15197	33217	11.971	32.291 #
17)	L4 AR-1242-2	5.334	4.600	15197	33217	8.190	21.809 #
18)	L4 AR-1242-3	5.412	4.783	5974	6692	5.111	8.010 #
19)	L4 AR-1242-4	5.488	4.837	1732	16865	1.790	20.213 #
20)	L4 AR-1242-5	6.257	5.350	38521	6955	30.655	6.218 #
21)	L5 AR-1248-1	5.334	4.521	15197	4817	15.158	5.817 #
22)	L5 AR-1248-2	5.531	4.783	733	6692	0.505	5.803 #
23)	L5 AR-1248-3	5.698	4.810	15505	2296	9.329	1.933 #
24)	L5 AR-1248-4	6.146	0.000	70281	0	34.382	N.D. #
25)	L5 AR-1248-5	6.146	5.379	70281	3681	35.440	2.572 #
26)	L6 AR-1254-1	6.146	5.338	70281	21377	33.685	9.013 #
27)	L6 AR-1254-2	6.282	5.494	8672	8035	2.599	3.830 #
28)	L6 AR-1254-3	6.734	5.857	189446	21998	53.388	6.542 #
29)	L6 AR-1254-4	6.941	6.085	78739	20480	26.732	9.933 #
30)	L6 AR-1254-5	7.424	6.502	227085	66647	73.433	21.465 #
31)	L7 AR-1260-1	6.829	6.005	18058	22501	6.698	9.874 #
32)	L7 AR-1260-2	7.073	6.183	233298	24138	62.876	8.239 #
33)	L7 AR-1260-3	7.475	6.329	255998	9601	78.136	3.624 #
34)	L7 AR-1260-4	7.678	6.800	611026	7877	198.946	3.482 #
35)	L7 AR-1260-5	8.006	7.017	1919432	60662	271.072	11.023 #
36)	L8 AR-1262-1	7.475	6.567	255998	8416	52.752	2.258 #
37)	L8 AR-1262-2	8.006	7.083	1919432	13187	248.764	2.243 #
38)	L8 AR-1262-3	8.284	7.319	402478	8098	78.882	3.187 #
39)	L8 AR-1262-4	8.405	7.416	294383	20877	76.369	4.724 #
40)	L8 AR-1262-5	8.965	7.874	134157	4619	52.271	2.558 #
41)	L9 AR-1268-1	8.284	7.319	402478	8098	42.768	1.137 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082219\
 Data File : P0059711.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 5:59
 Operator : SM/AJ
 Sample : K4460-09 10X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

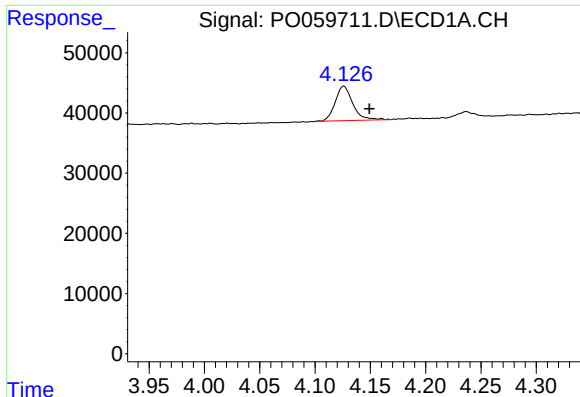
Instrument :
 ECD_O
 ClientSampleId :
 HA-39

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 06:49:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 2019
 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
42) L9	AR-1268-2	8.405	7.416	294383	20877	37.345	3.238 #
43) L9	AR-1268-3	8.603	7.586	279645	42703	39.673	7.804 #
44) L9	AR-1268-4	8.965	7.874	134157	4619	48.257	2.263 #
45) L9	AR-1268-5	9.314	8.181	202422	29560	10.976	2.034 #

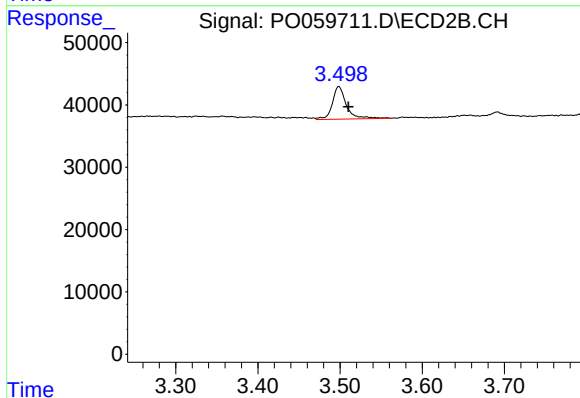
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

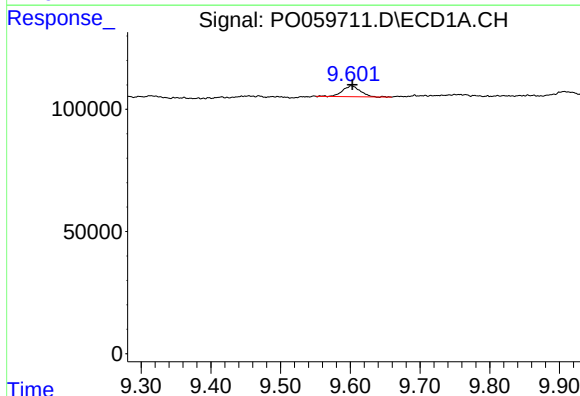
R.T.: 4.126 min
Delta R.T.: -0.023 min
Response: 63159
Conc: 1.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



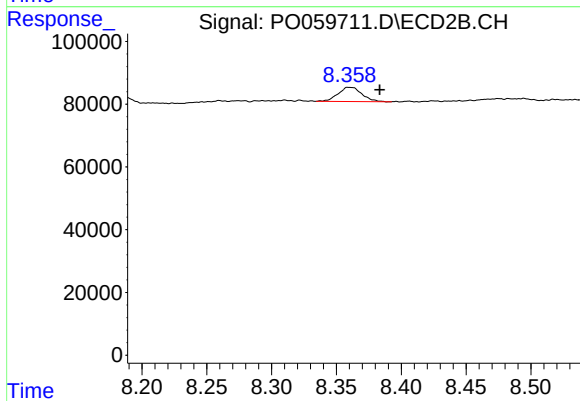
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.012 min
Response: 62165
Conc: 1.73 ng/ml



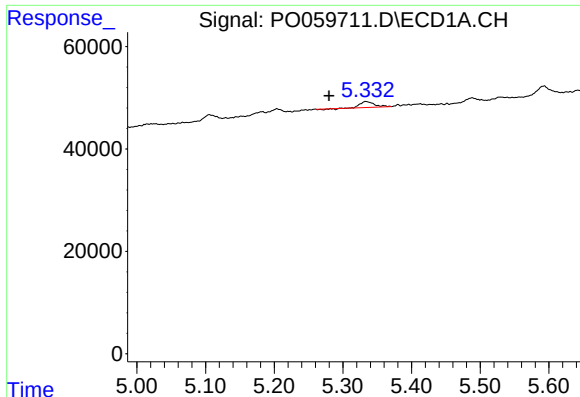
#2 Decachlorobiphenyl

R.T.: 9.602 min
Delta R.T.: 0.000 min
Response: 77139
Conc: 1.45 ng/ml



#2 Decachlorobiphenyl

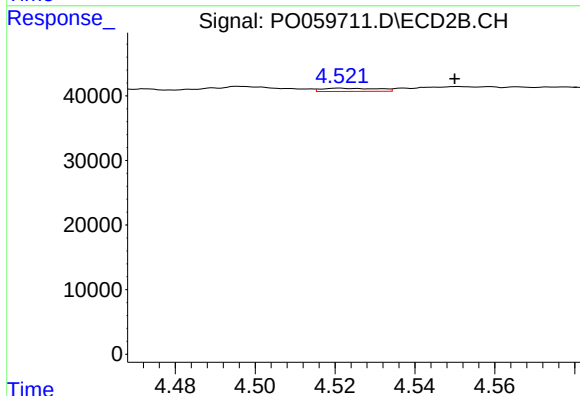
R.T.: 8.360 min
Delta R.T.: -0.023 min
Response: 57786
Conc: 1.43 ng/ml



#3 AR-1016-1

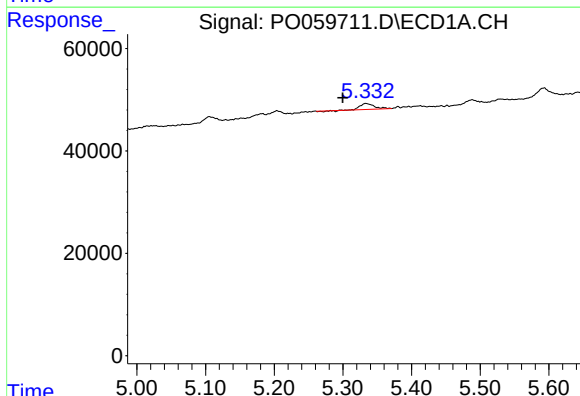
R.T.: 5.334 min
Delta R.T.: 0.054 min
Response: 15197
Conc: 9.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



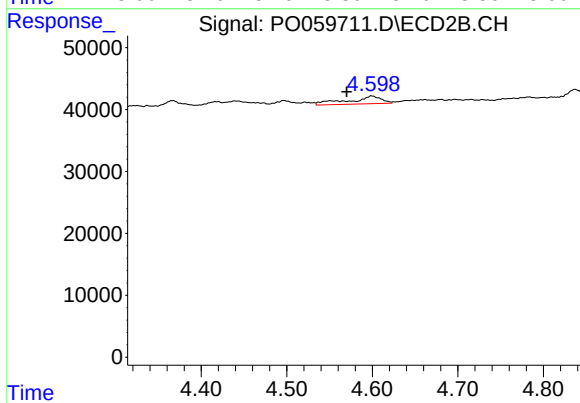
#3 AR-1016-1

R.T.: 4.521 min
Delta R.T.: -0.029 min
Response: 4817
Conc: 3.56 ng/ml



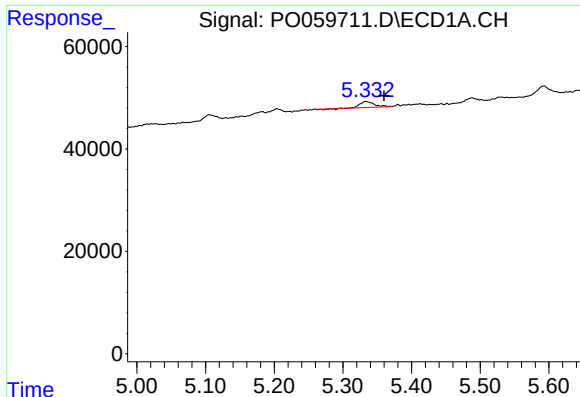
#4 AR-1016-2

R.T.: 5.334 min
Delta R.T.: 0.034 min
Response: 15197
Conc: 6.35 ng/ml



#4 AR-1016-2

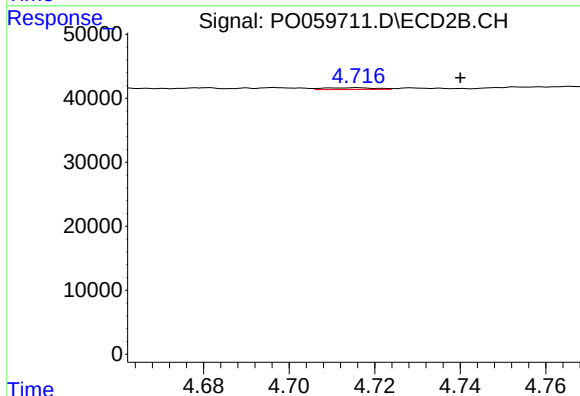
R.T.: 4.600 min
Delta R.T.: 0.030 min
Response: 33217
Conc: 16.58 ng/ml



#5 AR-1016-3

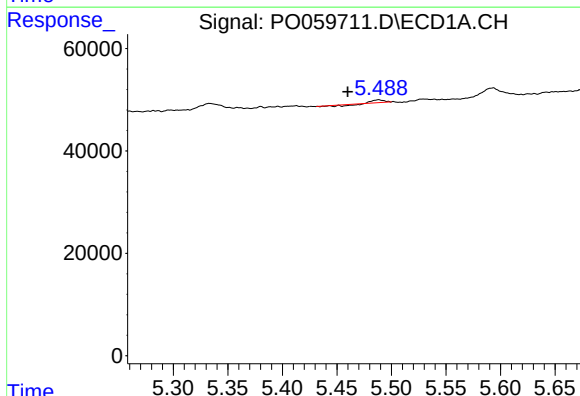
R.T.: 5.334 min
Delta R.T.: -0.026 min
Response: 15197
Conc: 10.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



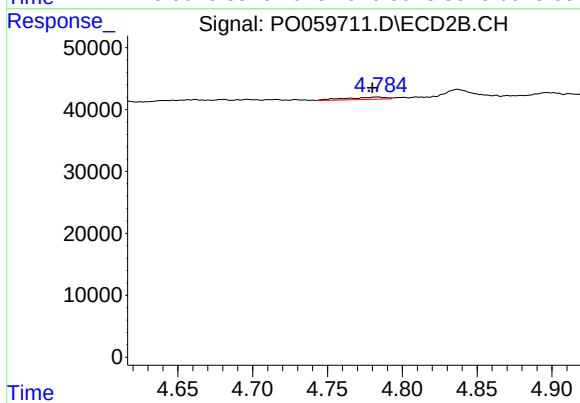
#5 AR-1016-3

R.T.: 4.716 min
Delta R.T.: -0.024 min
Response: 2262
Conc: 2.09 ng/ml



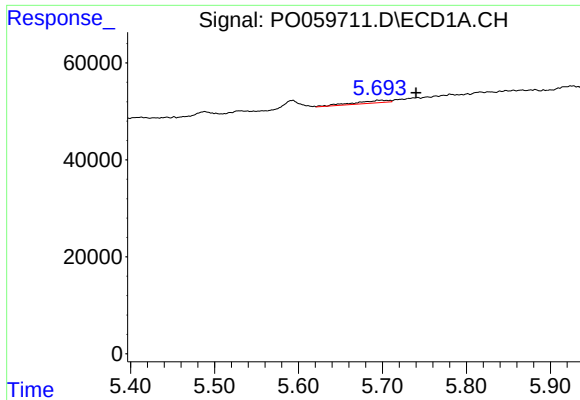
#6 AR-1016-4

R.T.: 5.488 min
Delta R.T.: 0.028 min
Response: 1732
Conc: 1.43 ng/ml



#6 AR-1016-4

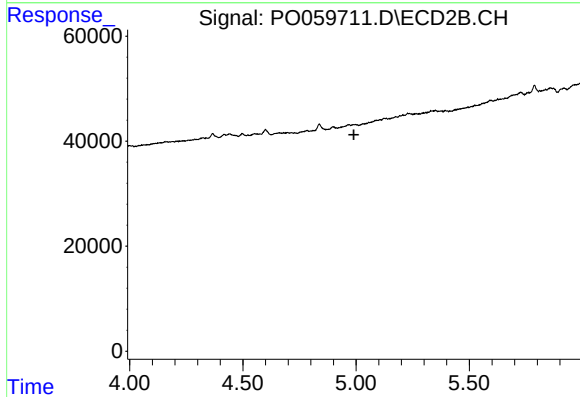
R.T.: 4.783 min
Delta R.T.: 0.003 min
Response: 6692
Conc: 7.41 ng/ml



#7 AR-1016-5

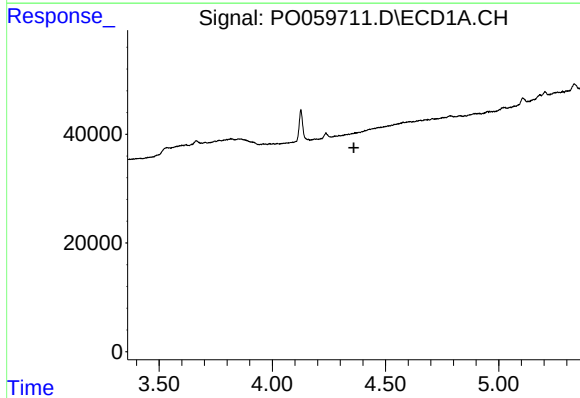
R.T.: 5.698 min
Delta R.T.: -0.042 min
Response: 15505
Conc: 12.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



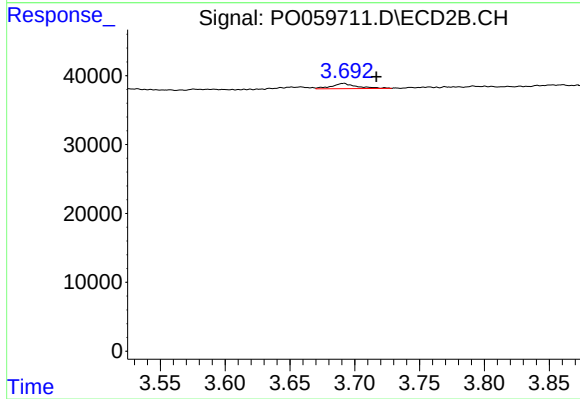
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



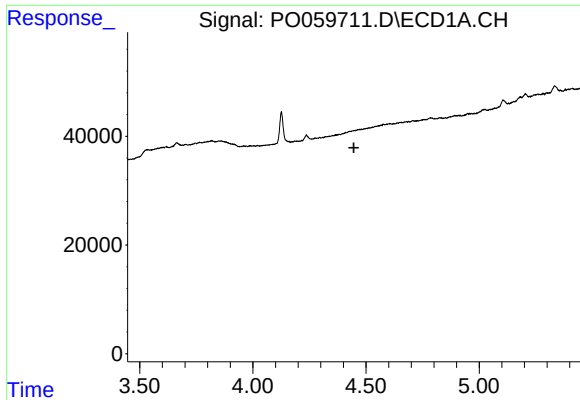
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.360 min
Response: 0
Conc: N.D.



#8 AR-1221-1

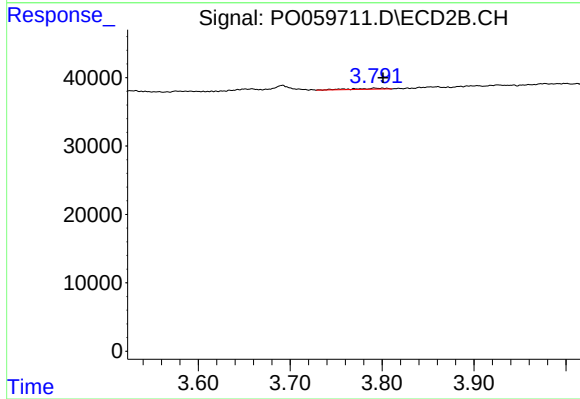
R.T.: 3.691 min
Delta R.T.: -0.025 min
Response: 9929
Conc: 24.74 ng/ml



#9 AR-1221-2

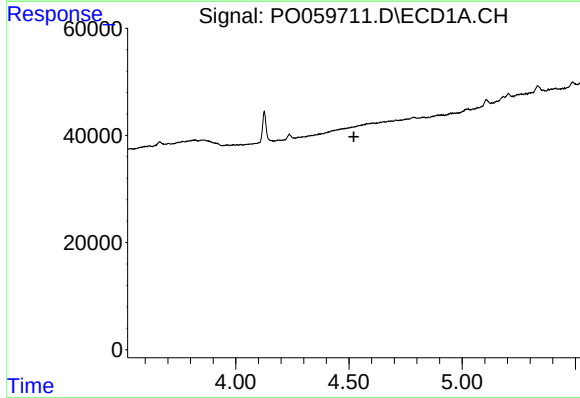
R.T.: 0.000 min
Exp R.T.: 4.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-39



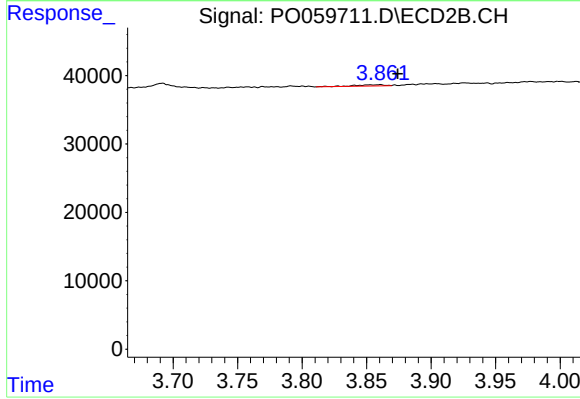
#9 AR-1221-2

R.T.: 3.792 min
Delta R.T.: -0.009 min
Response: 3700
Conc: 12.15 ng/ml



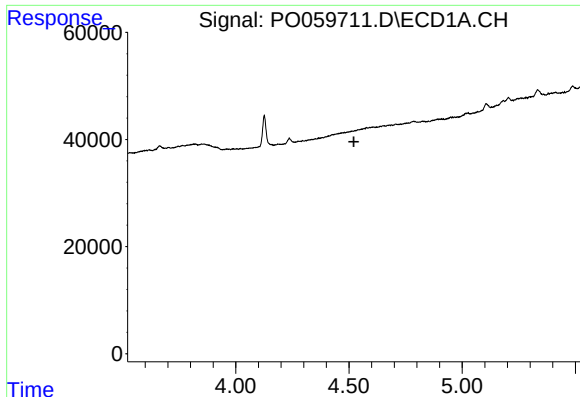
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.522 min
Response: 0
Conc: N.D.



#10 AR-1221-3

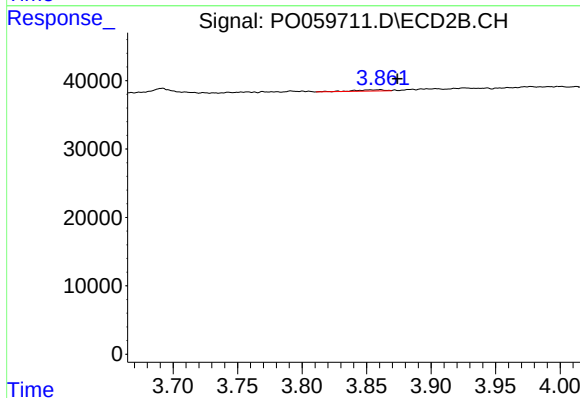
R.T.: 3.860 min
Delta R.T.: -0.014 min
Response: 3073
Conc: 3.14 ng/ml



#11 AR-1232-1

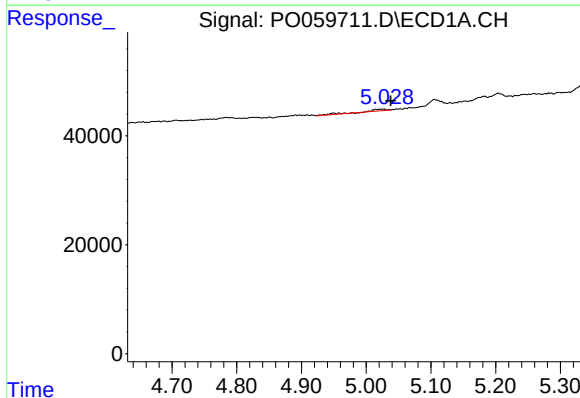
R.T.: 0.000 min
Exp R.T.: 4.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-39



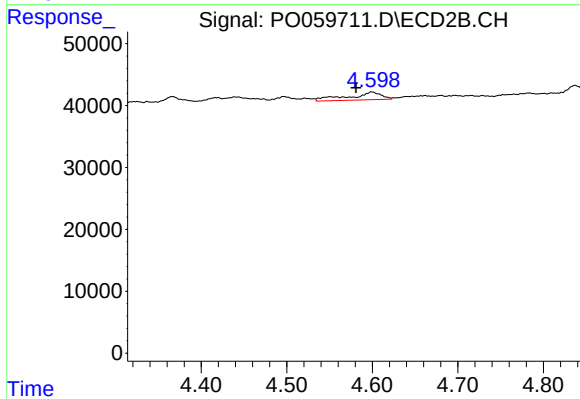
#11 AR-1232-1

R.T.: 3.860 min
Delta R.T.: -0.014 min
Response: 3073
Conc: 2.70 ng/ml



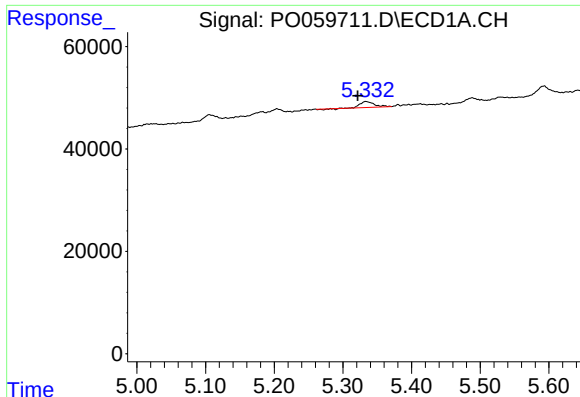
#12 AR-1232-2

R.T.: 5.025 min
Delta R.T.: -0.013 min
Response: 6743
Conc: 9.55 ng/ml



#12 AR-1232-2

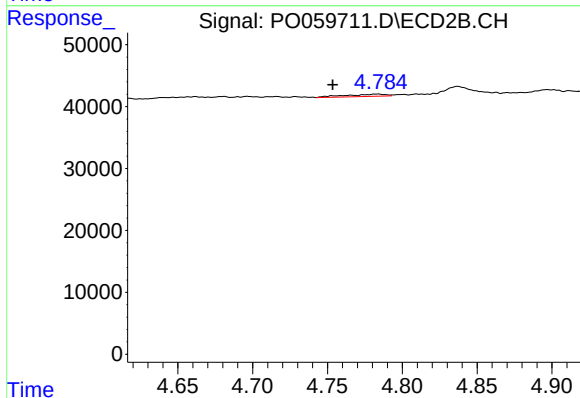
R.T.: 4.600 min
Delta R.T.: 0.019 min
Response: 33217
Conc: 26.08 ng/ml



#13 AR-1232-3

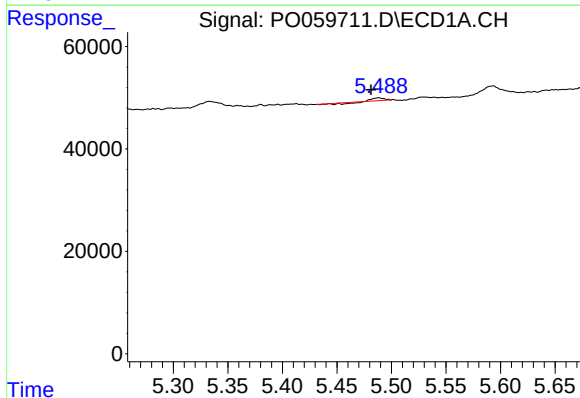
R.T.: 5.334 min
Delta R.T.: 0.012 min
Response: 15197
Conc: 9.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



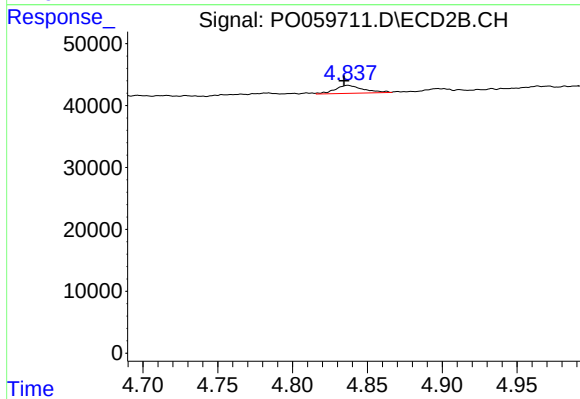
#13 AR-1232-3

R.T.: 4.783 min
Delta R.T.: 0.030 min
Response: 6692
Conc: 9.83 ng/ml



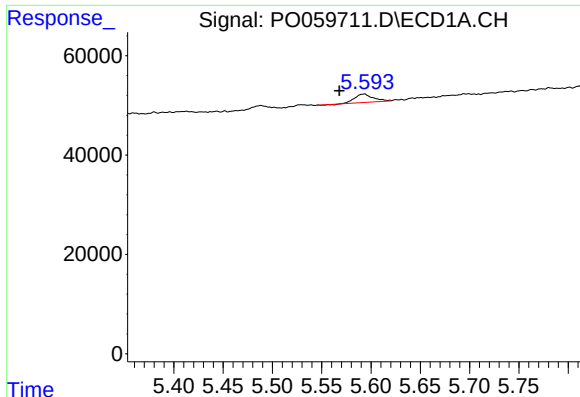
#14 AR-1232-4

R.T.: 5.488 min
Delta R.T.: 0.007 min
Response: 1732
Conc: 2.22 ng/ml



#14 AR-1232-4

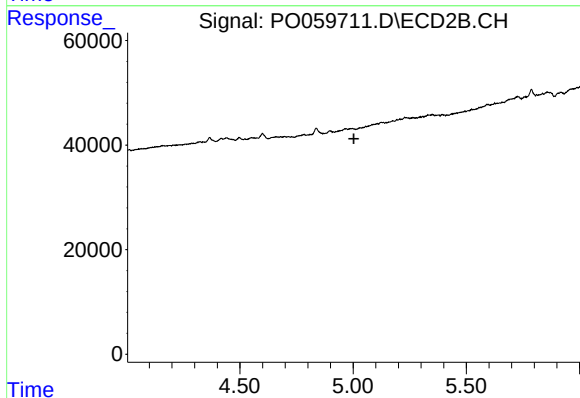
R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 16865
Conc: 27.65 ng/ml



#15 AR-1232-5

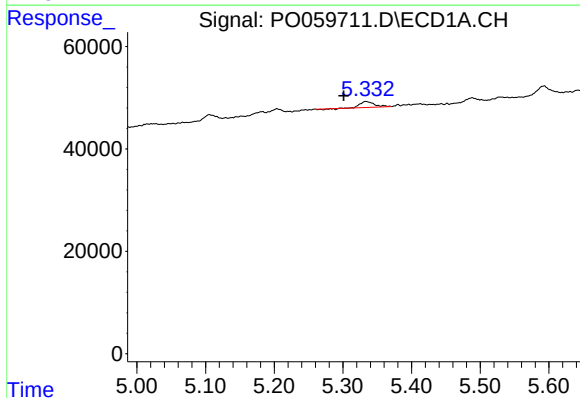
R.T.: 5.592 min
Delta R.T.: 0.024 min
Response: 21893
Conc: 36.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



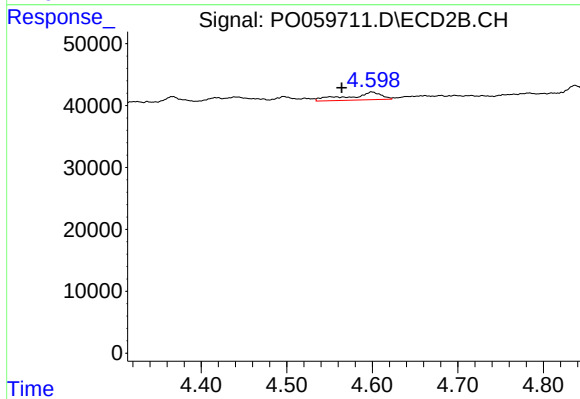
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



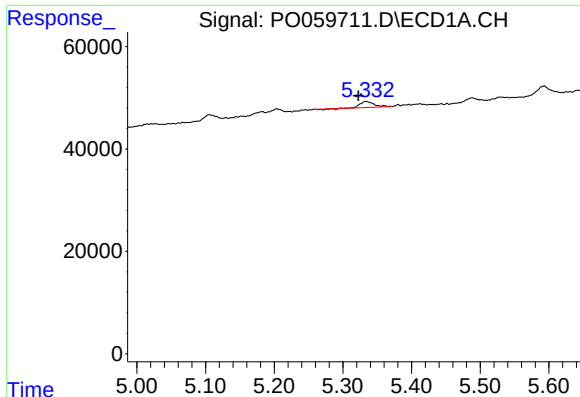
#16 AR-1242-1

R.T.: 5.334 min
Delta R.T.: 0.033 min
Response: 15197
Conc: 11.97 ng/ml



#16 AR-1242-1

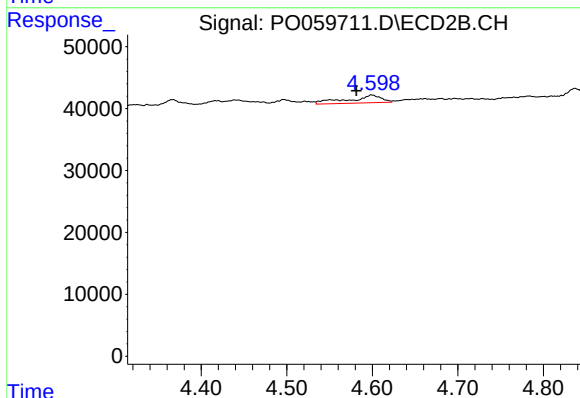
R.T.: 4.600 min
Delta R.T.: 0.035 min
Response: 33217
Conc: 32.29 ng/ml



#17 AR-1242-2

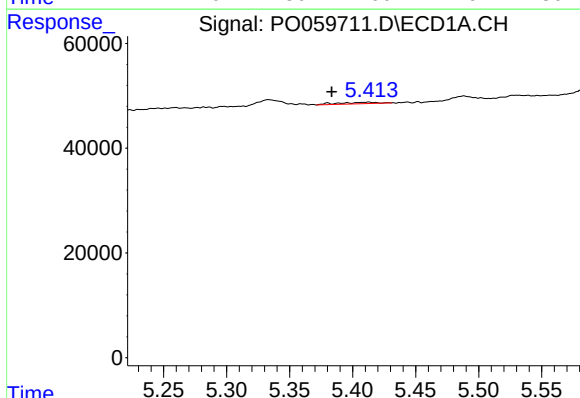
R.T.: 5.334 min
Delta R.T.: 0.011 min
Response: 15197
Conc: 8.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



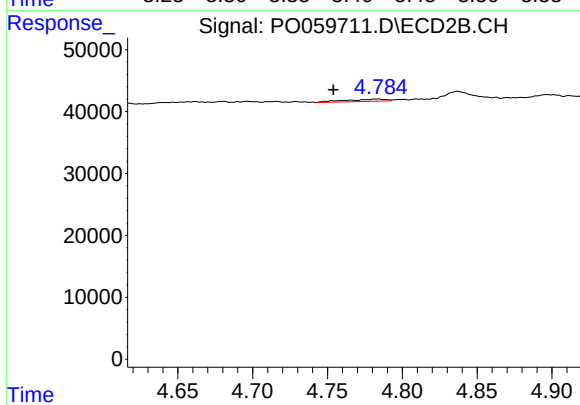
#17 AR-1242-2

R.T.: 4.600 min
Delta R.T.: 0.018 min
Response: 33217
Conc: 21.81 ng/ml



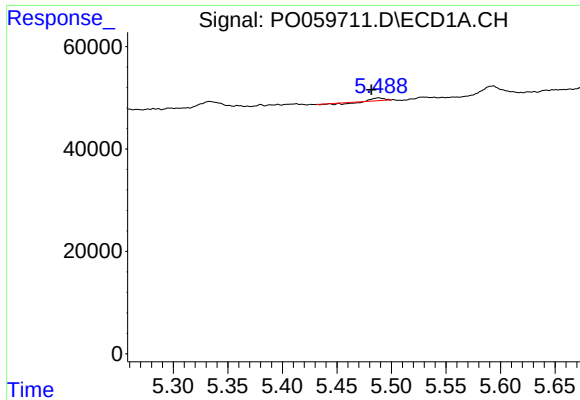
#18 AR-1242-3

R.T.: 5.412 min
Delta R.T.: 0.029 min
Response: 5974
Conc: 5.11 ng/ml



#18 AR-1242-3

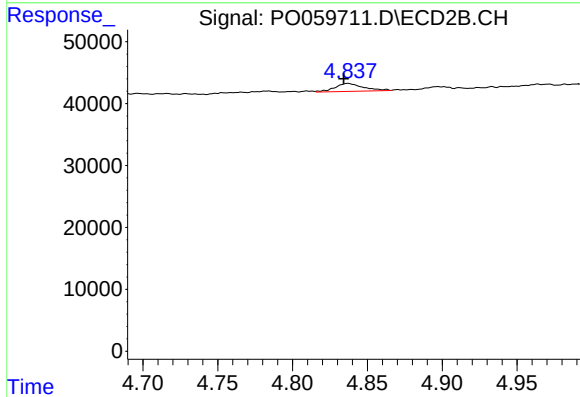
R.T.: 4.783 min
Delta R.T.: 0.029 min
Response: 6692
Conc: 8.01 ng/ml



#19 AR-1242-4

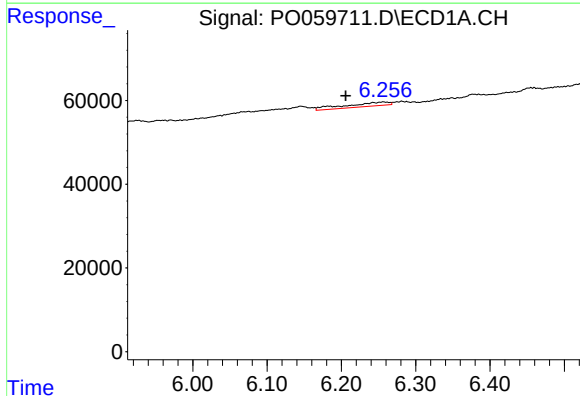
R.T.: 5.488 min
Delta R.T.: 0.007 min
Response: 1732
Conc: 1.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



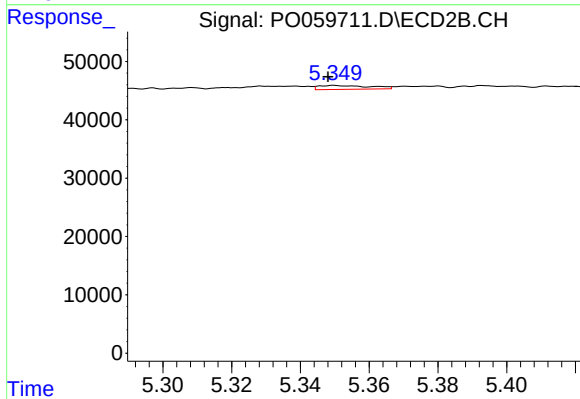
#19 AR-1242-4

R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 16865
Conc: 20.21 ng/ml



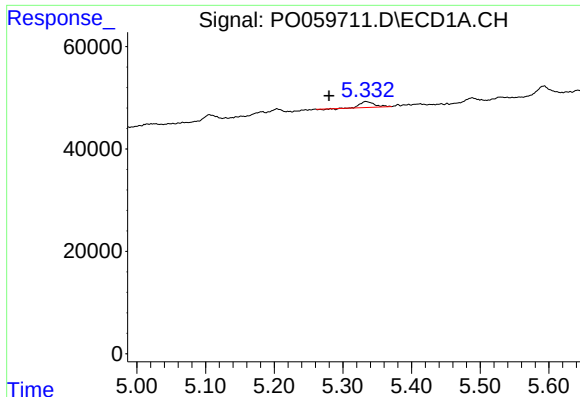
#20 AR-1242-5

R.T.: 6.257 min
Delta R.T.: 0.051 min
Response: 38521
Conc: 30.65 ng/ml



#20 AR-1242-5

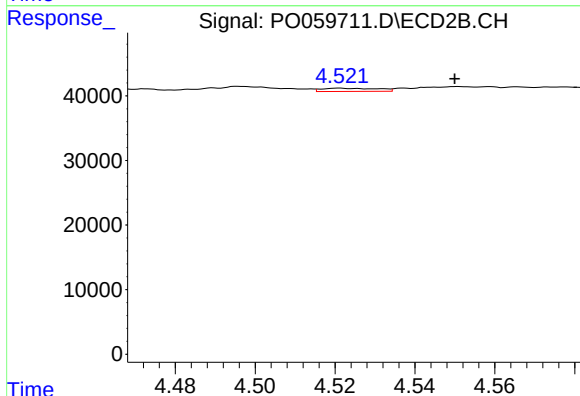
R.T.: 5.350 min
Delta R.T.: 0.002 min
Response: 6955
Conc: 6.22 ng/ml



#21 AR-1248-1

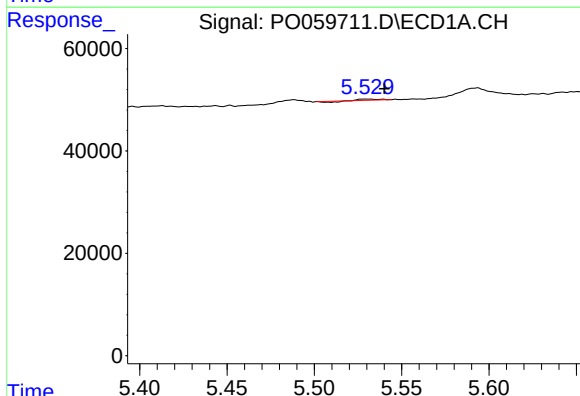
R.T.: 5.334 min
Delta R.T.: 0.054 min
Response: 15197
Conc: 15.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



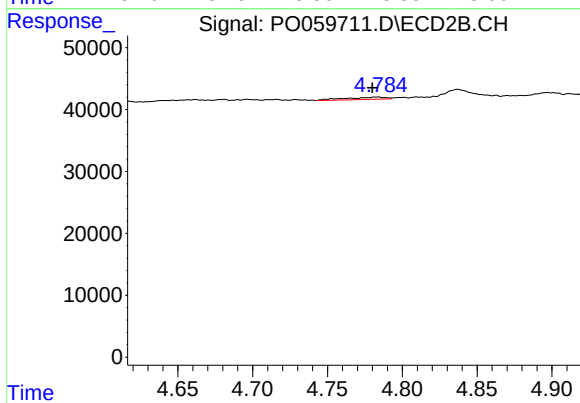
#21 AR-1248-1

R.T.: 4.521 min
Delta R.T.: -0.029 min
Response: 4817
Conc: 5.82 ng/ml



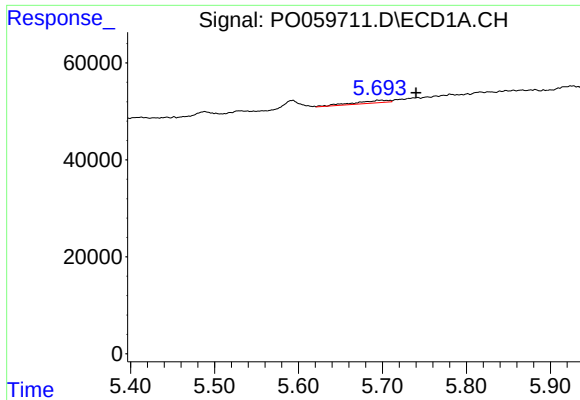
#22 AR-1248-2

R.T.: 5.531 min
Delta R.T.: -0.009 min
Response: 733
Conc: 0.51 ng/ml



#22 AR-1248-2

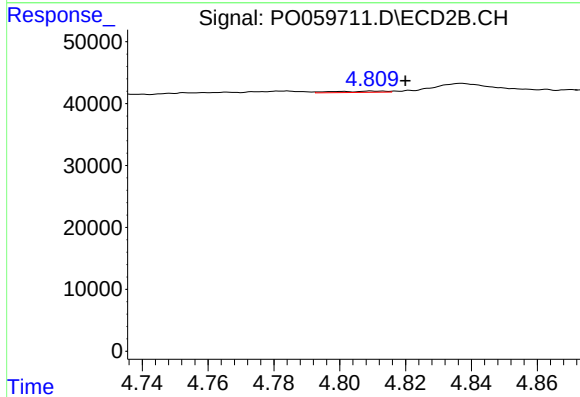
R.T.: 4.783 min
Delta R.T.: 0.003 min
Response: 6692
Conc: 5.80 ng/ml



#23 AR-1248-3

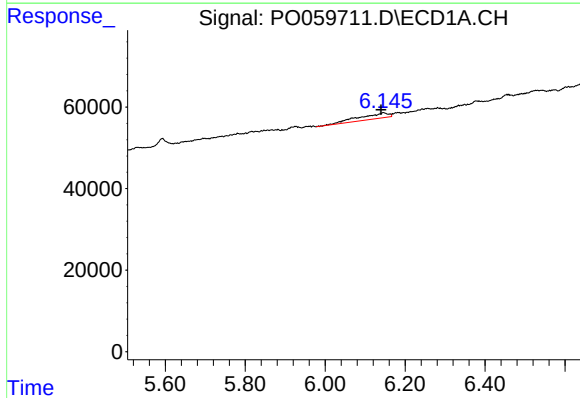
R.T.: 5.698 min
Delta R.T.: -0.042 min
Response: 15505
Conc: 9.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



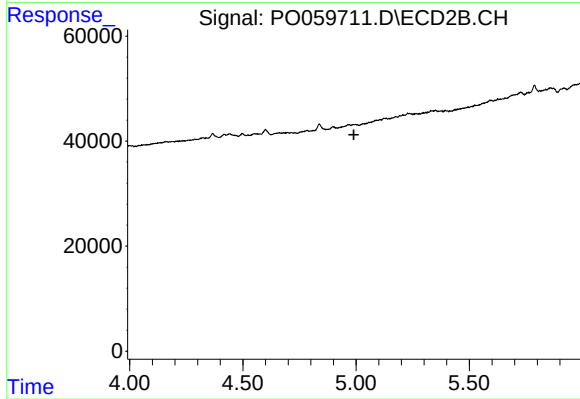
#23 AR-1248-3

R.T.: 4.810 min
Delta R.T.: -0.010 min
Response: 2296
Conc: 1.93 ng/ml



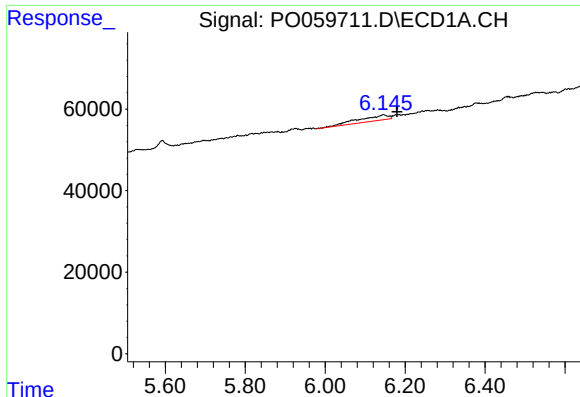
#24 AR-1248-4

R.T.: 6.146 min
Delta R.T.: 0.006 min
Response: 70281
Conc: 34.38 ng/ml



#24 AR-1248-4

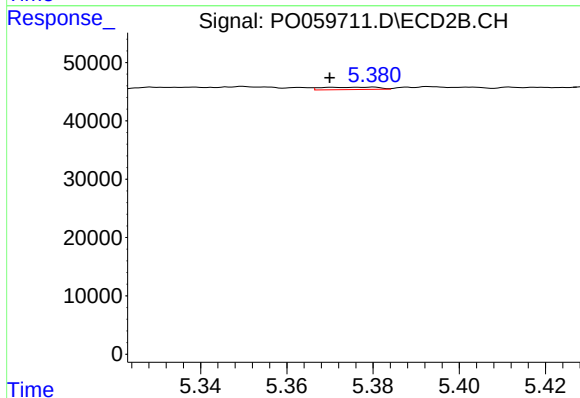
R.T.: 0.000 min
Exp R.T.: 4.990 min
Response: 0
Conc: N.D.



#25 AR-1248-5

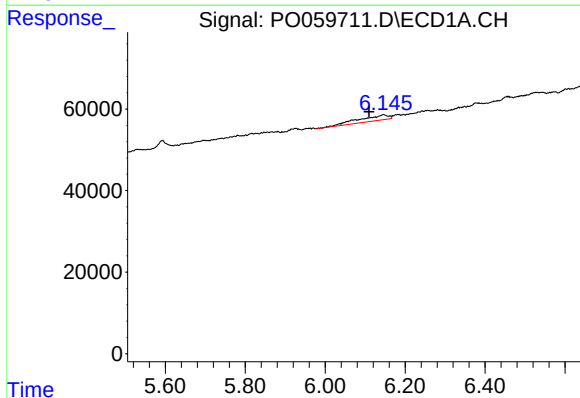
R.T.: 6.146 min
Delta R.T.: -0.034 min
Response: 70281
Conc: 35.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



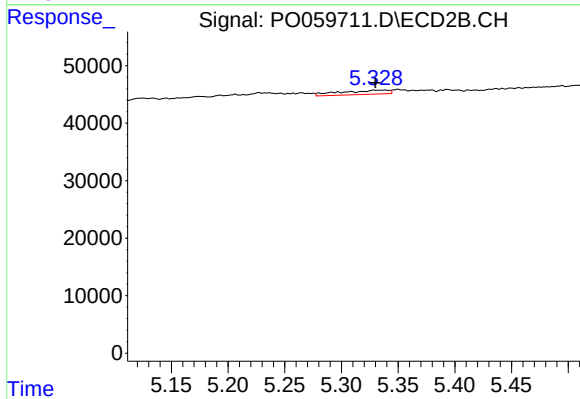
#25 AR-1248-5

R.T.: 5.379 min
Delta R.T.: 0.009 min
Response: 3681
Conc: 2.57 ng/ml



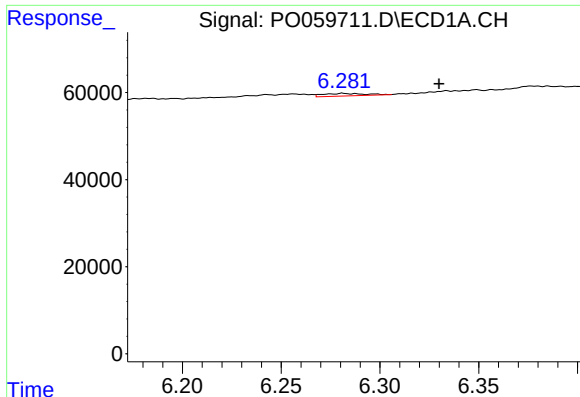
#26 AR-1254-1

R.T.: 6.146 min
Delta R.T.: 0.036 min
Response: 70281
Conc: 33.68 ng/ml



#26 AR-1254-1

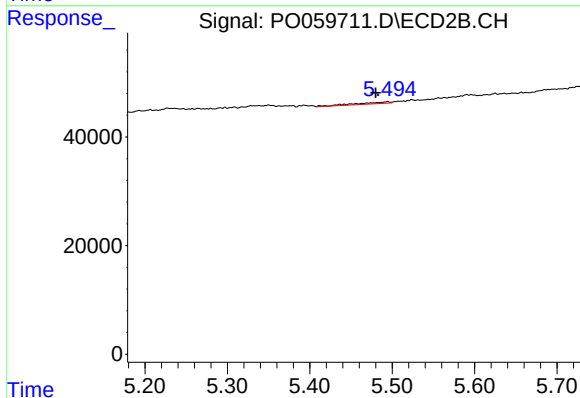
R.T.: 5.338 min
Delta R.T.: 0.008 min
Response: 21377
Conc: 9.01 ng/ml



#27 AR-1254-2

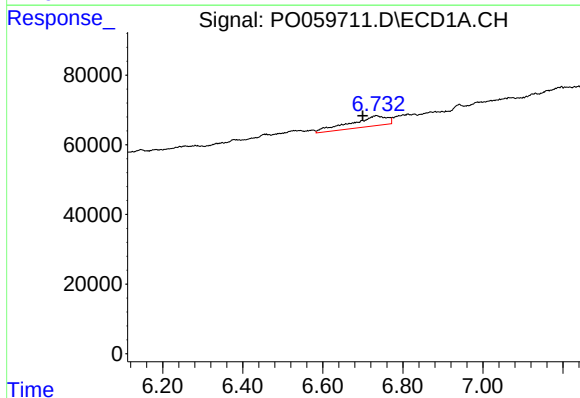
R.T.: 6.282 min
Delta R.T.: -0.048 min
Response: 8672
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



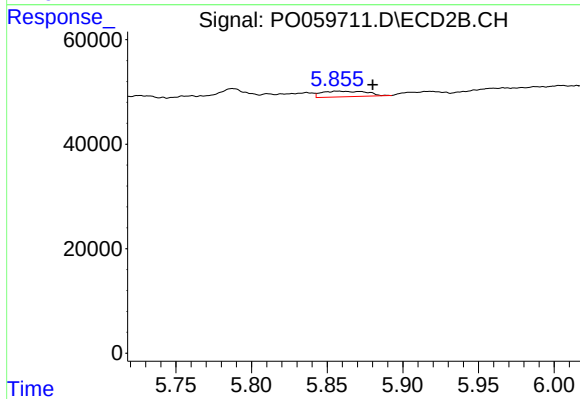
#27 AR-1254-2

R.T.: 5.494 min
Delta R.T.: 0.014 min
Response: 8035
Conc: 3.83 ng/ml



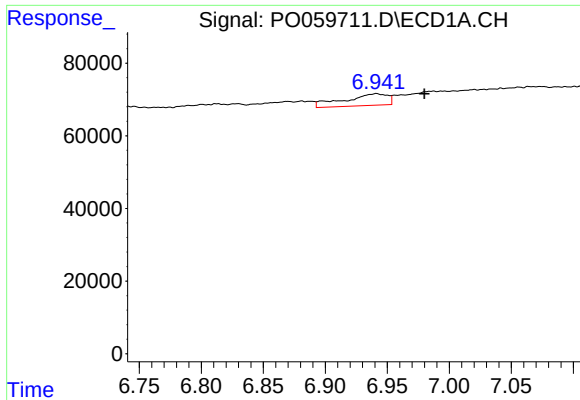
#28 AR-1254-3

R.T.: 6.734 min
Delta R.T.: 0.034 min
Response: 189446
Conc: 53.39 ng/ml



#28 AR-1254-3

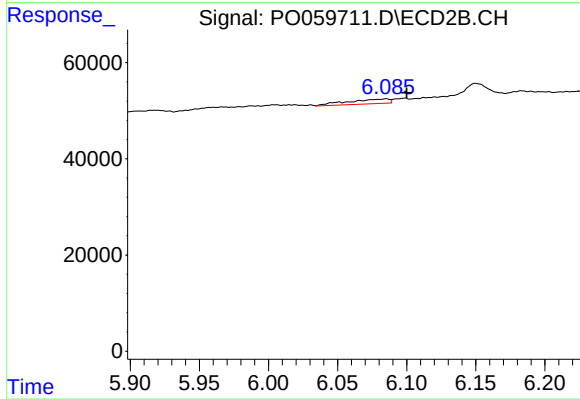
R.T.: 5.857 min
Delta R.T.: -0.023 min
Response: 21998
Conc: 6.54 ng/ml



#29 AR-1254-4

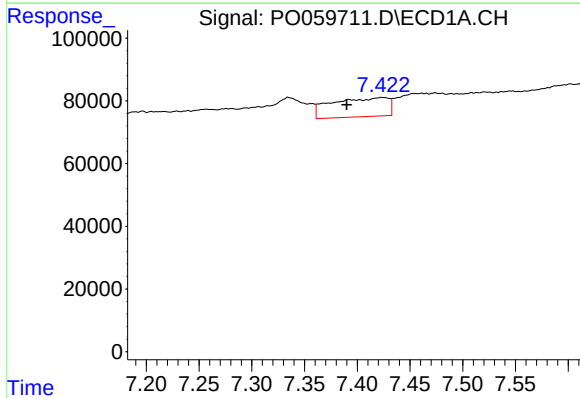
R.T.: 6.941 min
Delta R.T.: -0.039 min
Response: 78739
Conc: 26.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



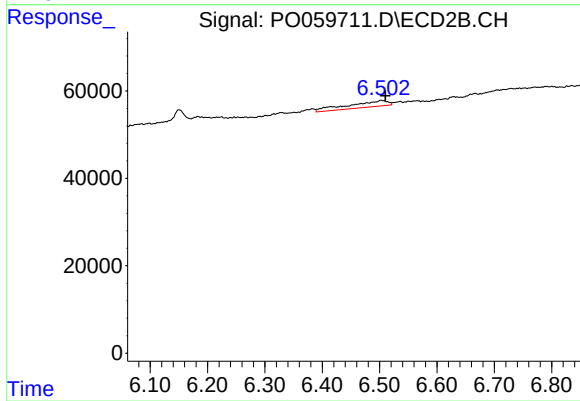
#29 AR-1254-4

R.T.: 6.085 min
Delta R.T.: -0.015 min
Response: 20480
Conc: 9.93 ng/ml



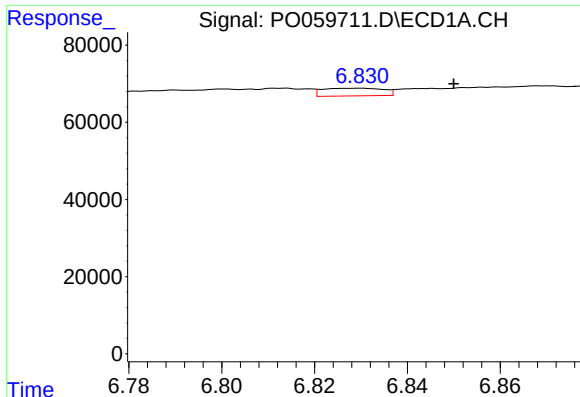
#30 AR-1254-5

R.T.: 7.424 min
Delta R.T.: 0.034 min
Response: 227085
Conc: 73.43 ng/ml



#30 AR-1254-5

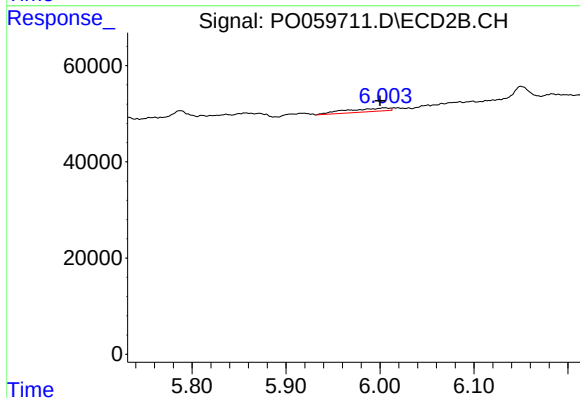
R.T.: 6.502 min
Delta R.T.: -0.008 min
Response: 66647
Conc: 21.46 ng/ml



#31 AR-1260-1

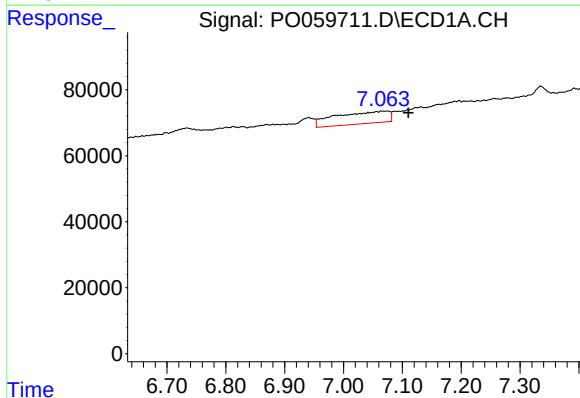
R.T.: 6.829 min
Delta R.T.: -0.021 min
Response: 18058
Conc: 6.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



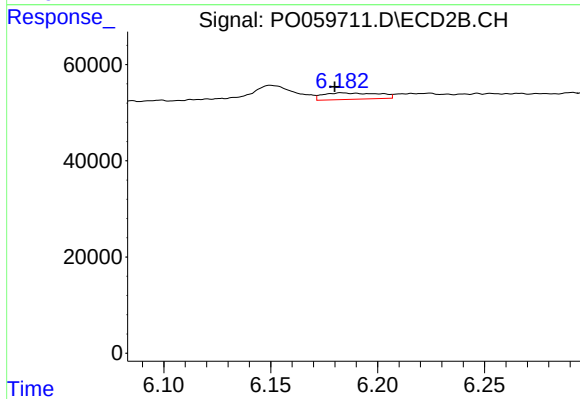
#31 AR-1260-1

R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 22501
Conc: 9.87 ng/ml



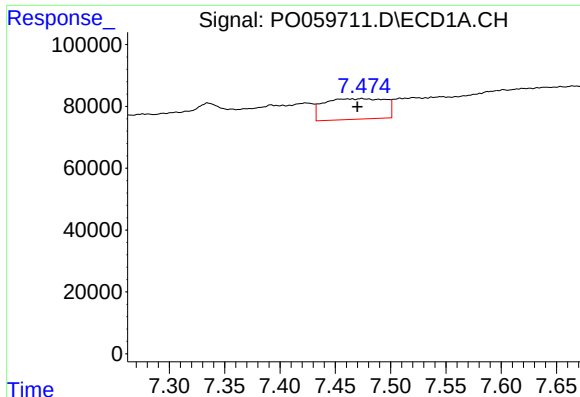
#32 AR-1260-2

R.T.: 7.073 min
Delta R.T.: -0.037 min
Response: 233298
Conc: 62.88 ng/ml



#32 AR-1260-2

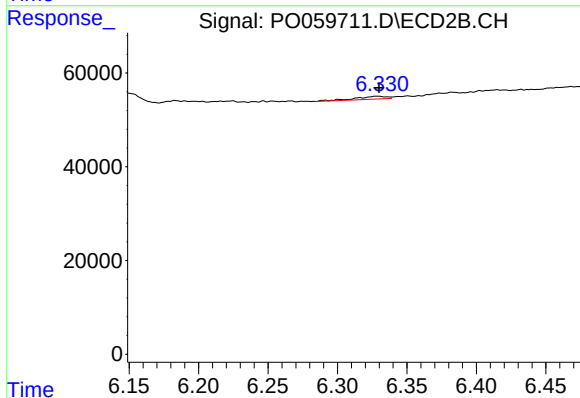
R.T.: 6.183 min
Delta R.T.: 0.003 min
Response: 24138
Conc: 8.24 ng/ml



#33 AR-1260-3

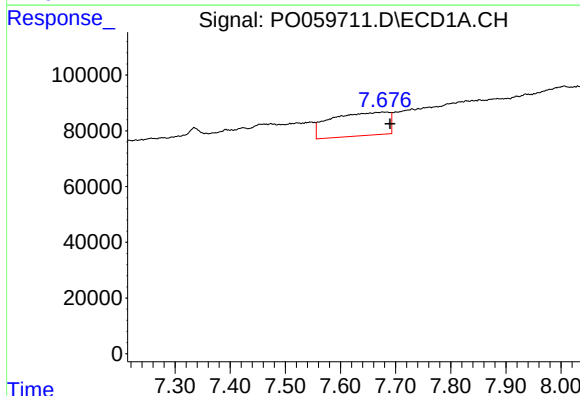
R.T.: 7.475 min
Delta R.T.: 0.005 min
Response: 255998
Conc: 78.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



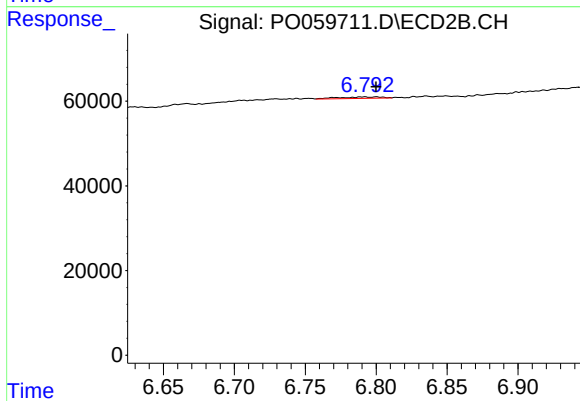
#33 AR-1260-3

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 9601
Conc: 3.62 ng/ml



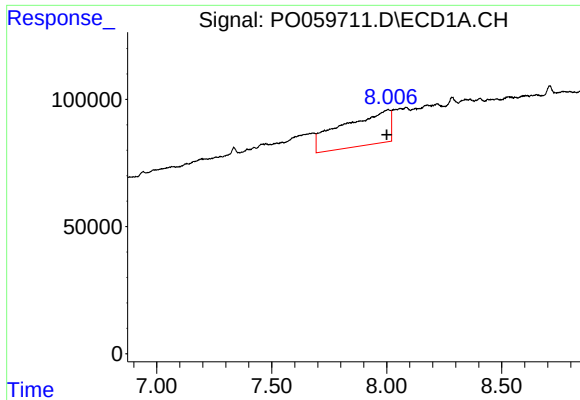
#34 AR-1260-4

R.T.: 7.678 min
Delta R.T.: -0.012 min
Response: 611026
Conc: 198.95 ng/ml



#34 AR-1260-4

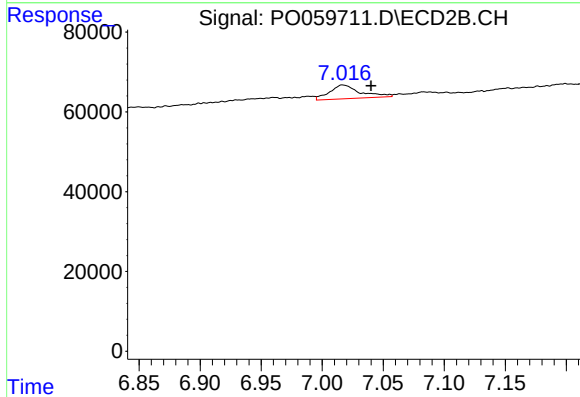
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 7877
Conc: 3.48 ng/ml



#35 AR-1260-5

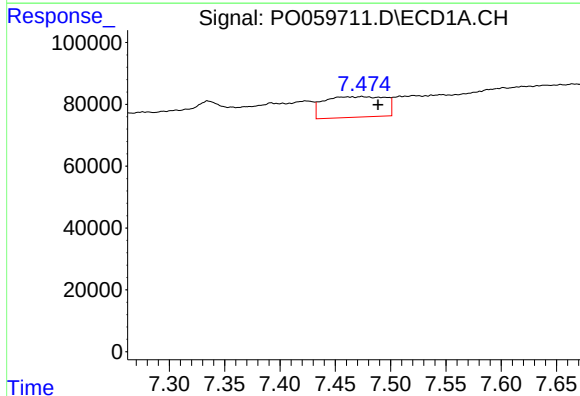
R.T.: 8.006 min
Delta R.T.: 0.006 min
Response: 1919432
Conc: 271.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



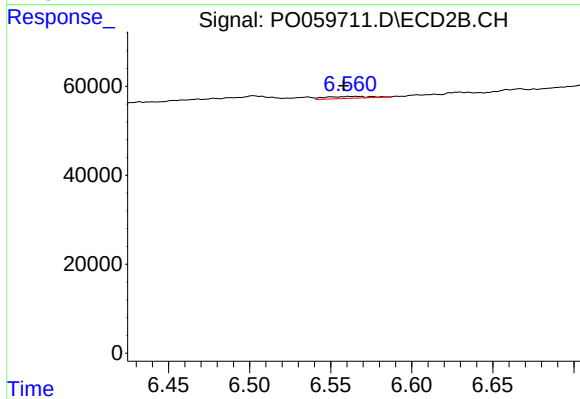
#35 AR-1260-5

R.T.: 7.017 min
Delta R.T.: -0.023 min
Response: 60662
Conc: 11.02 ng/ml



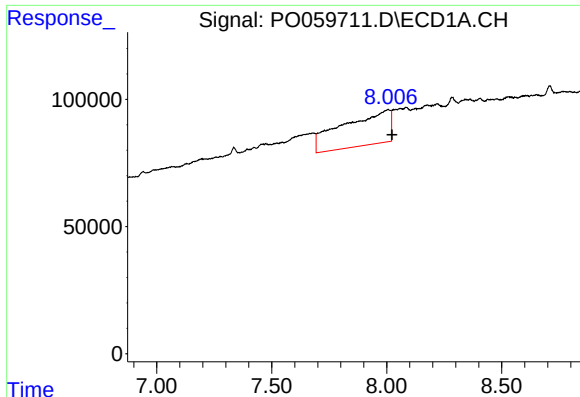
#36 AR-1262-1

R.T.: 7.475 min
Delta R.T.: -0.014 min
Response: 255998
Conc: 52.75 ng/ml



#36 AR-1262-1

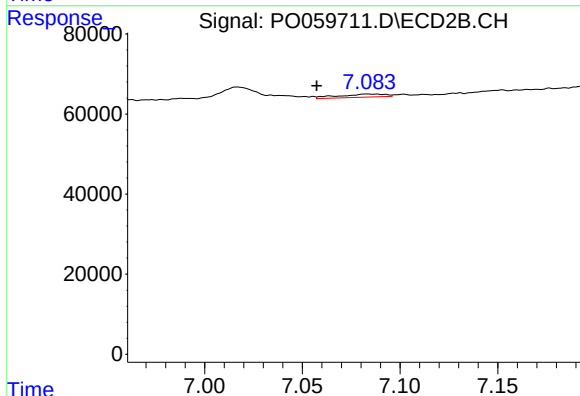
R.T.: 6.567 min
Delta R.T.: 0.009 min
Response: 8416
Conc: 2.26 ng/ml



#37 AR-1262-2

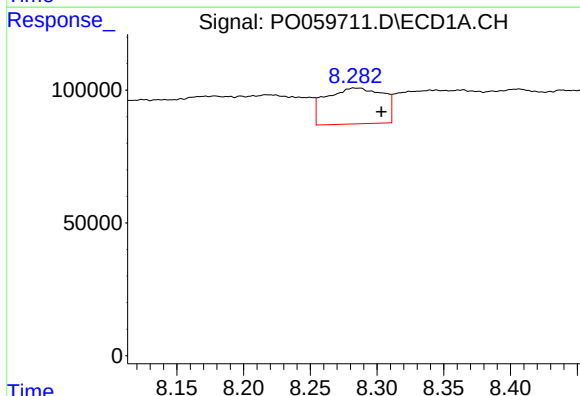
R.T.: 8.006 min
Delta R.T.: -0.017 min
Response: 1919432
Conc: 248.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



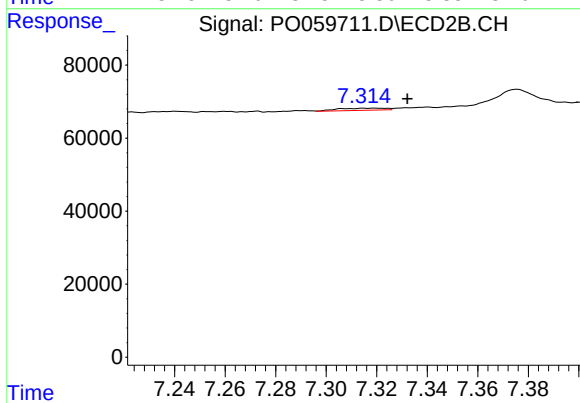
#37 AR-1262-2

R.T.: 7.083 min
Delta R.T.: 0.026 min
Response: 13187
Conc: 2.24 ng/ml



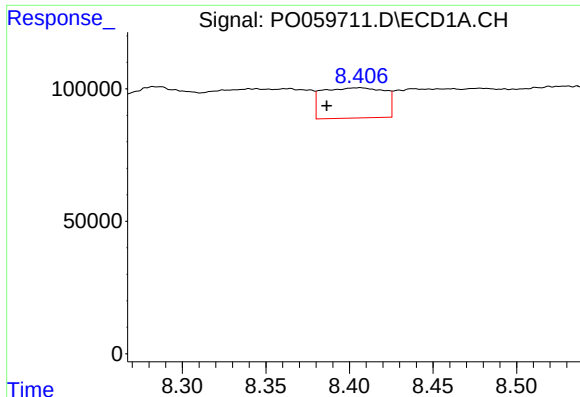
#38 AR-1262-3

R.T.: 8.284 min
Delta R.T.: -0.019 min
Response: 402478
Conc: 78.88 ng/ml



#38 AR-1262-3

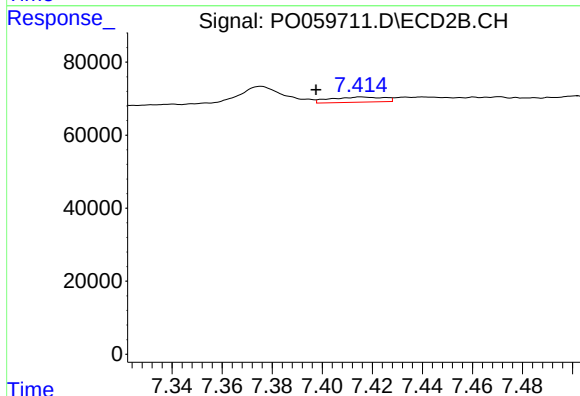
R.T.: 7.319 min
Delta R.T.: -0.013 min
Response: 8098
Conc: 3.19 ng/ml



#39 AR-1262-4

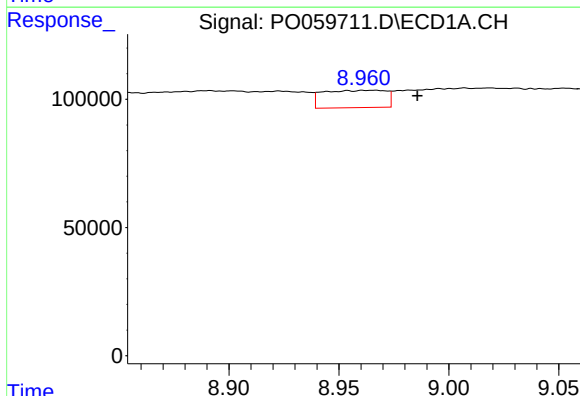
R.T.: 8.405 min
Delta R.T.: 0.019 min
Response: 294383
Conc: 76.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



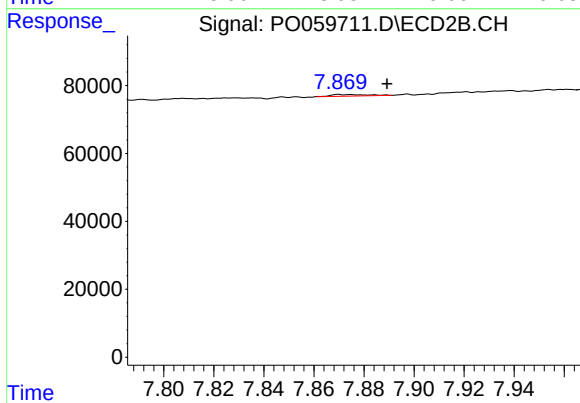
#39 AR-1262-4

R.T.: 7.416 min
Delta R.T.: 0.018 min
Response: 20877
Conc: 4.72 ng/ml



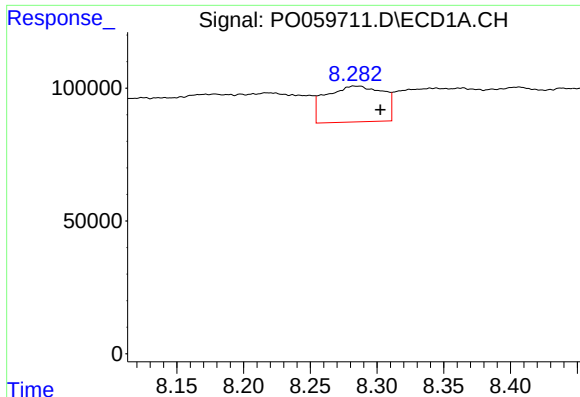
#40 AR-1262-5

R.T.: 8.965 min
Delta R.T.: -0.021 min
Response: 134157
Conc: 52.27 ng/ml



#40 AR-1262-5

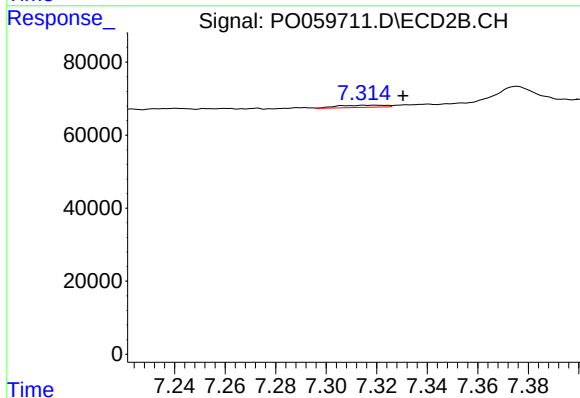
R.T.: 7.874 min
Delta R.T.: -0.015 min
Response: 4619
Conc: 2.56 ng/ml



#41 AR-1268-1

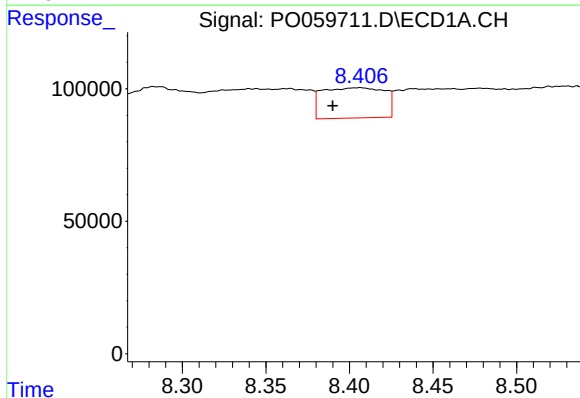
R.T.: 8.284 min
Delta R.T.: -0.018 min
Response: 402478
Conc: 42.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



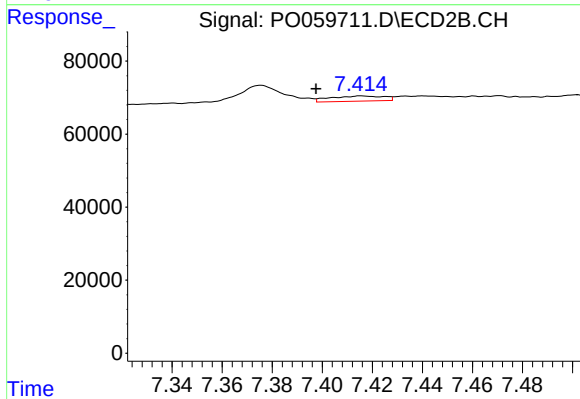
#41 AR-1268-1

R.T.: 7.319 min
Delta R.T.: -0.011 min
Response: 8098
Conc: 1.14 ng/ml



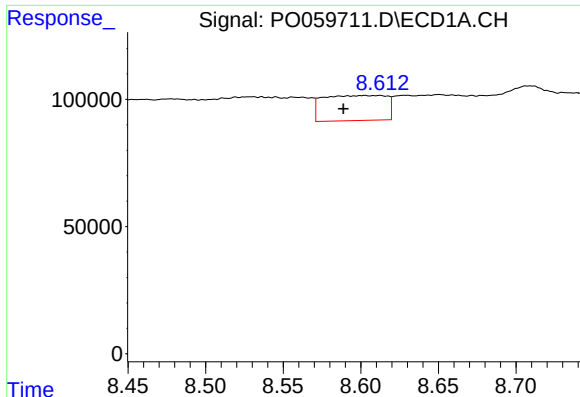
#42 AR-1268-2

R.T.: 8.405 min
Delta R.T.: 0.016 min
Response: 294383
Conc: 37.35 ng/ml



#42 AR-1268-2

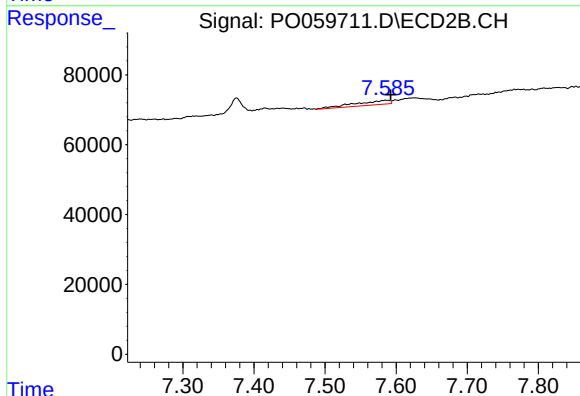
R.T.: 7.416 min
Delta R.T.: 0.018 min
Response: 20877
Conc: 3.24 ng/ml



#43 AR-1268-3

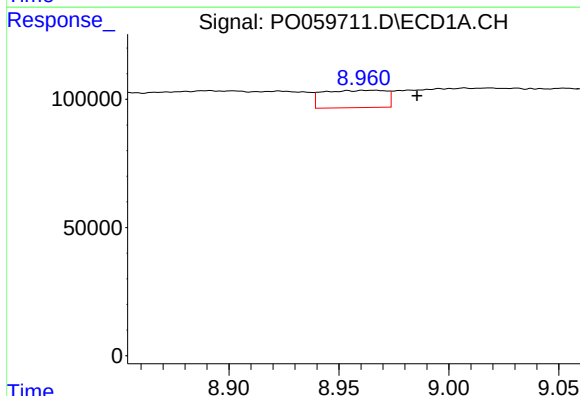
R.T.: 8.603 min
Delta R.T.: 0.014 min
Response: 279645
Conc: 39.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



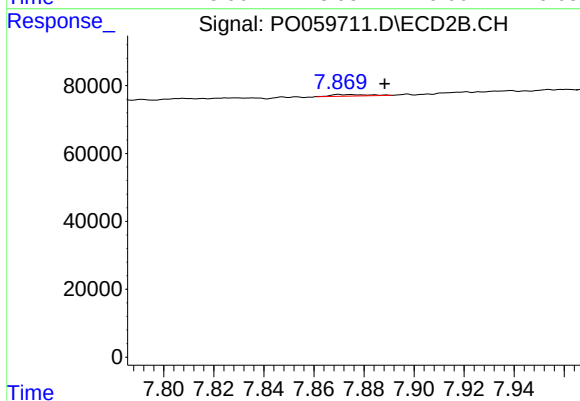
#43 AR-1268-3

R.T.: 7.586 min
Delta R.T.: -0.007 min
Response: 42703
Conc: 7.80 ng/ml



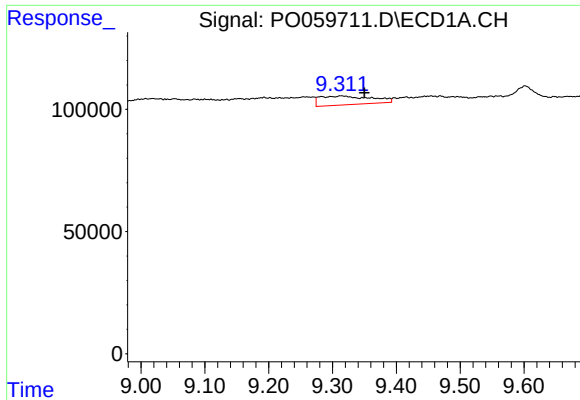
#44 AR-1268-4

R.T.: 8.965 min
Delta R.T.: -0.021 min
Response: 134157
Conc: 48.26 ng/ml



#44 AR-1268-4

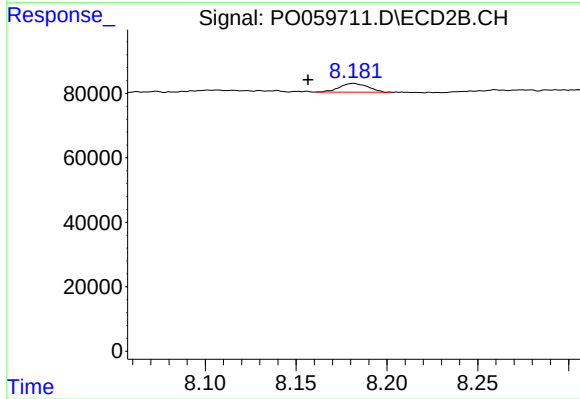
R.T.: 7.874 min
Delta R.T.: -0.014 min
Response: 4619
Conc: 2.26 ng/ml



#45 AR-1268-5

R.T.: 9.314 min
Delta R.T.: -0.036 min
Response: 202422
Conc: 10.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-39



#45 AR-1268-5

R.T.: 8.181 min
Delta R.T.: 0.025 min
Response: 29560
Conc: 2.03 ng/ml