

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082219\
 Data File : P0059706.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 4:38
 Operator : SM/AJ
 Sample : K4459-02 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 HA-10

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 06:47:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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	3.499	75225	65476	2.149	1.819
2)	SA Decachlor...	9.602	8.362	75144	66476	1.412	1.649
Target Compounds							
3)	L1 AR-1016-1	5.303	4.549	1675	5711	1.045	4.224 #
4)	L1 AR-1016-2	5.303	4.549	1675	5711	0.700	2.851 #
5)	L1 AR-1016-3	5.342	0.000	7320	0	4.914	N.D. #
7)	L1 AR-1016-5	5.701	0.000	9749	0	7.592	N.D. #
8)	L2 AR-1221-1	4.364	3.690	2659	7622	6.280	18.990 #
9)	L2 AR-1221-2	4.423	0.000	3608	0	11.108	N.D. #
10)	L2 AR-1221-3	4.509	0.000	2868	0	2.727	N.D. #
11)	L3 AR-1232-1	4.509	0.000	2868	0	2.301	N.D. #
12)	L3 AR-1232-2	5.045	4.549	6781	5711	9.599	4.484 #
13)	L3 AR-1232-3	5.303	0.000	1675	0	1.094	N.D. #
15)	L3 AR-1232-5	5.573	0.000	8034	0	13.364	N.D. #
16)	L4 AR-1242-1	5.303	4.549	1675	5711	1.320	5.552 #
17)	L4 AR-1242-2	5.303	4.549	1675	5711	0.903	3.750 #
18)	L4 AR-1242-3	5.342	0.000	7320	0	6.263	N.D. #
20)	L4 AR-1242-5	6.150	0.000	4332	0	3.448	N.D. #
21)	L5 AR-1248-1	5.303	4.549	1675	5711	1.671	6.897 #
22)	L5 AR-1248-2	5.573	0.000	8034	0	5.537	N.D. #
23)	L5 AR-1248-3	5.701	0.000	9749	0	5.866	N.D. #
24)	L5 AR-1248-4	6.150	0.000	4332	0	2.119	N.D. #
25)	L5 AR-1248-5	6.150	0.000	4332	0	2.185	N.D. #
26)	L6 AR-1254-1	6.117	0.000	8181	0	3.921	N.D. #
27)	L6 AR-1254-2	6.332	5.476	10743	7192	3.220	3.428
28)	L6 AR-1254-3	6.698	5.870	6272	5716	1.768	1.700
29)	L6 AR-1254-4	6.981	6.096	6745	1841	2.290	0.893 #
30)	L6 AR-1254-5	7.395	6.507	10618	7736	3.434	2.491 #
31)	L7 AR-1260-1	6.854	0.000	6430	0	2.385	N.D. #
32)	L7 AR-1260-2	7.109	6.186	8460	11578	2.280	3.952 #
33)	L7 AR-1260-3	7.528	6.332	22160	7744	6.764	2.923 #
34)	L7 AR-1260-4	0.000	6.794	0	4093	N.D.	1.809 #
35)	L7 AR-1260-5	0.000	7.042	0	13654	N.D.	2.481 #
36)	L8 AR-1262-1	7.528	6.539	22160	4385	4.566	1.176 #
37)	L8 AR-1262-2	0.000	7.042	0	13654	N.D.	2.322 #
38)	L8 AR-1262-3	0.000	7.377	0	9010	N.D.	3.546 #
39)	L8 AR-1262-4	0.000	7.377	0	9010	N.D.	2.039 #
40)	L8 AR-1262-5	8.952	7.919	542135	4818	211.230	2.668 #
41)	L9 AR-1268-1	0.000	7.377	0	9010	N.D.	1.265 #
42)	L9 AR-1268-2	0.000	7.377	0	9010	N.D.	1.397 #
44)	L9 AR-1268-4	8.952	7.919	542135	4818	195.009	2.360 #
45)	L9 AR-1268-5	9.286	8.190	465847	2409	25.260	0.166 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082219\
Data File : P0059706.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Aug 2019 4:38
Operator : SM/AJ
Sample : K4459-02 10X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HA-10

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 06:47:07 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

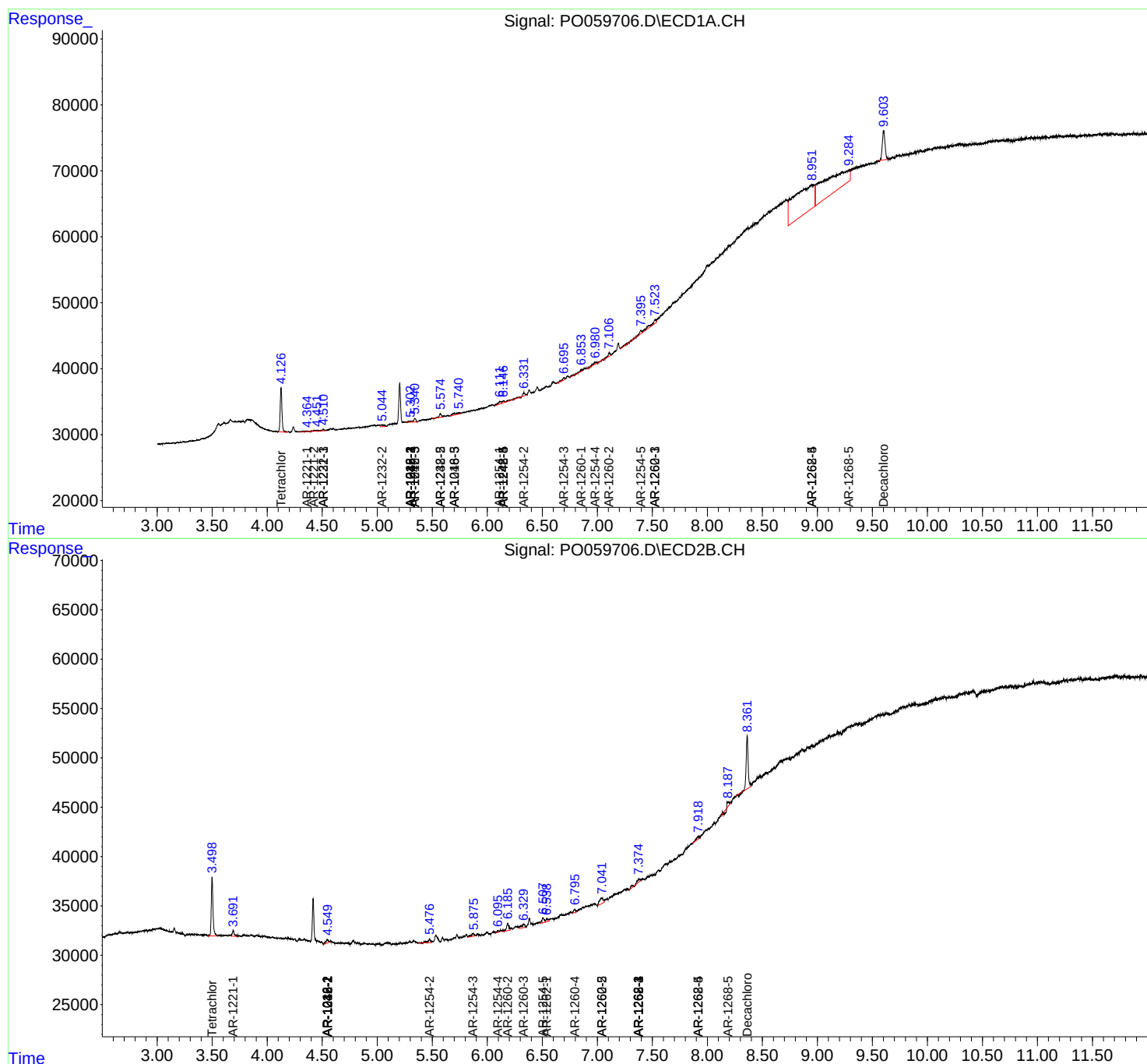
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

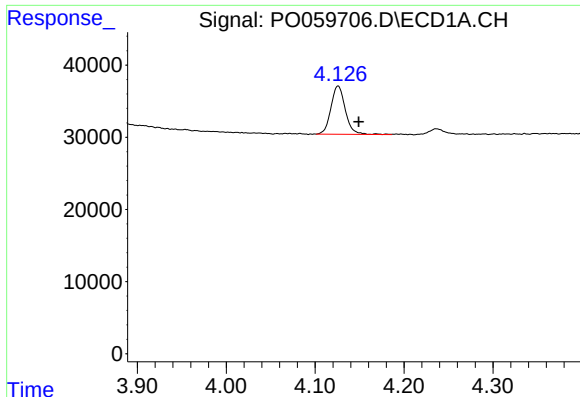
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082219\
Data File : PO059706.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Aug 2019 4:38
Operator : SM/AJ
Sample : K4459-02 10X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
HA-10

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 06:47:07 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 2019
Response via : Initial Calibration
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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

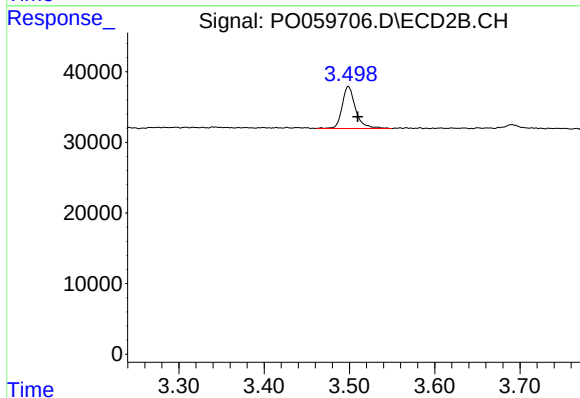




#1 Tetrachloro-m-xylene

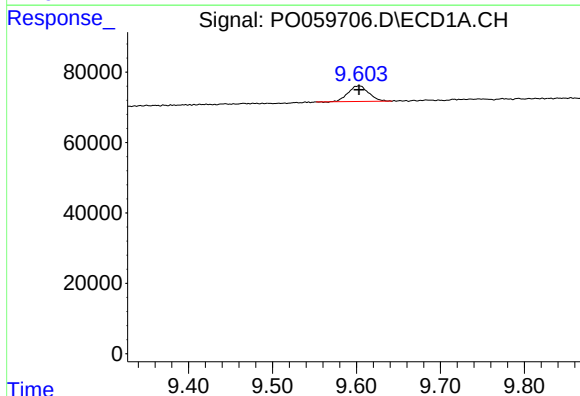
R.T.: 4.126 min
Delta R.T.: -0.023 min
Response: 75225
Conc: 2.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



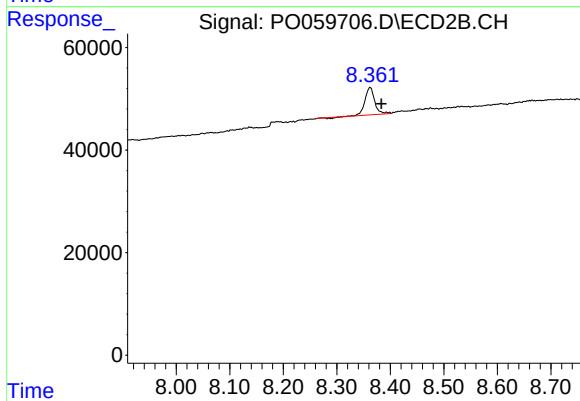
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: -0.011 min
Response: 65476
Conc: 1.82 ng/ml



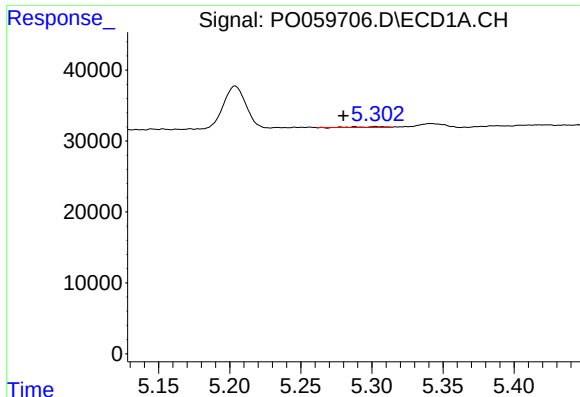
#2 Decachlorobiphenyl

R.T.: 9.602 min
Delta R.T.: 0.000 min
Response: 75144
Conc: 1.41 ng/ml



#2 Decachlorobiphenyl

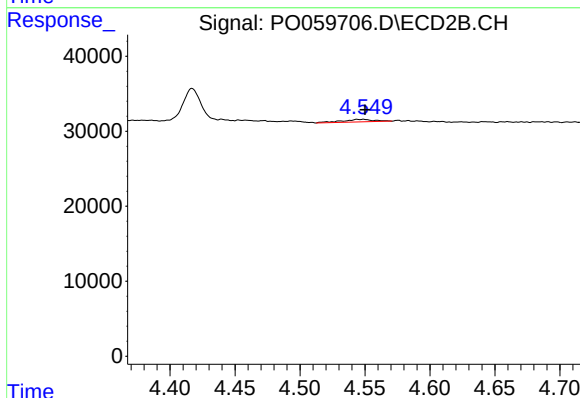
R.T.: 8.362 min
Delta R.T.: -0.021 min
Response: 66476
Conc: 1.65 ng/ml



#3 AR-1016-1

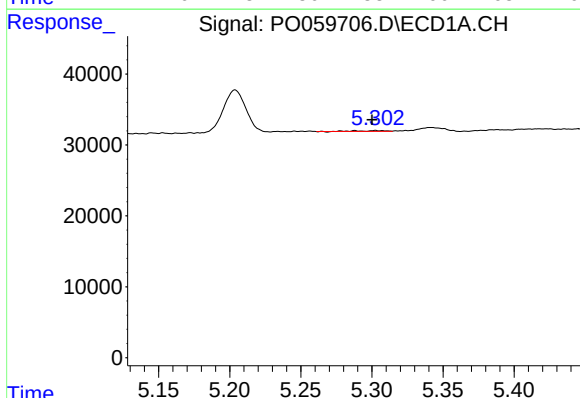
R.T.: 5.303 min
Delta R.T.: 0.023 min
Response: 1675
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



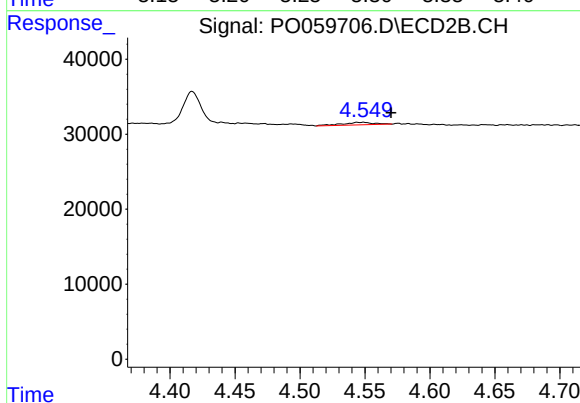
#3 AR-1016-1

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 5711
Conc: 4.22 ng/ml



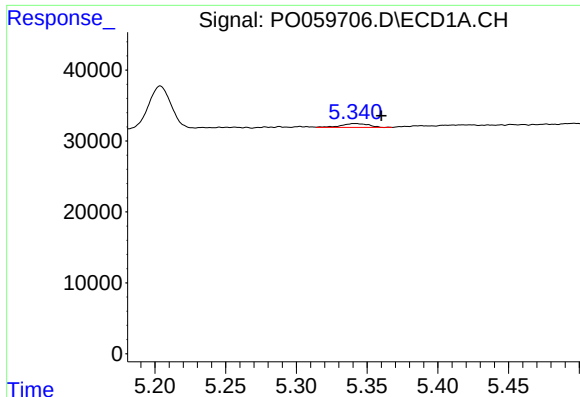
#4 AR-1016-2

R.T.: 5.303 min
Delta R.T.: 0.003 min
Response: 1675
Conc: 0.70 ng/ml



#4 AR-1016-2

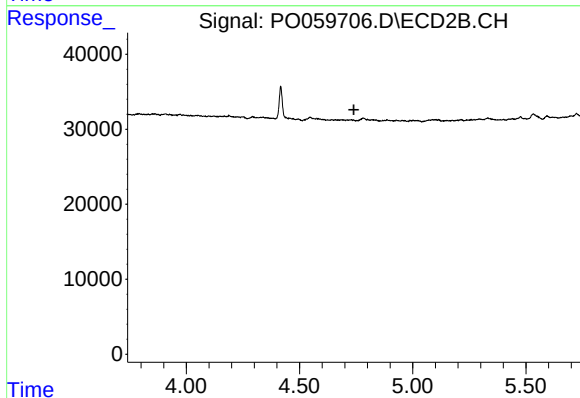
R.T.: 4.549 min
Delta R.T.: -0.021 min
Response: 5711
Conc: 2.85 ng/ml



#5 AR-1016-3

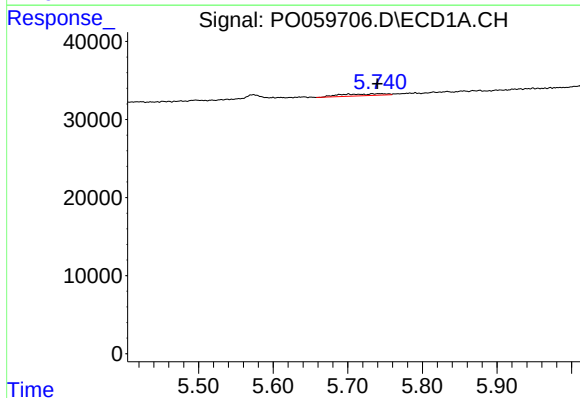
R.T.: 5.342 min
Delta R.T.: -0.018 min
Response: 7320
Conc: 4.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



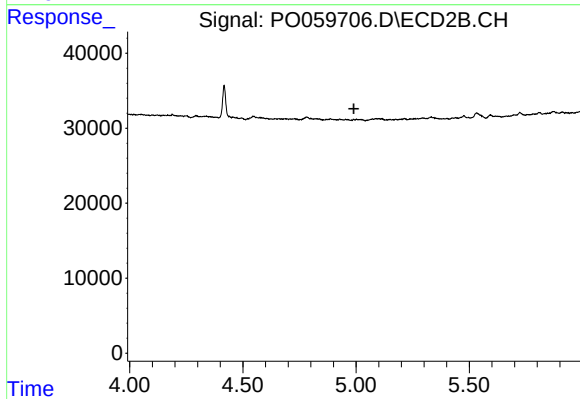
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



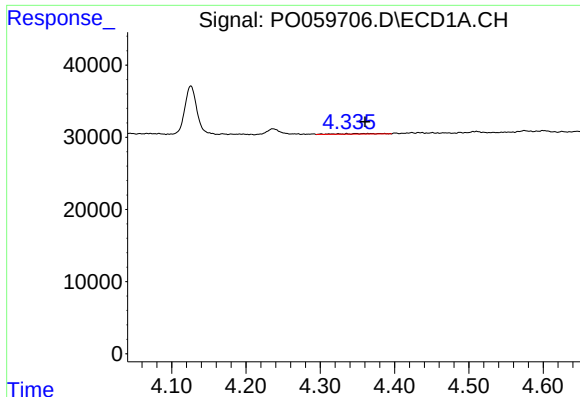
#7 AR-1016-5

R.T.: 5.701 min
Delta R.T.: -0.039 min
Response: 9749
Conc: 7.59 ng/ml



#7 AR-1016-5

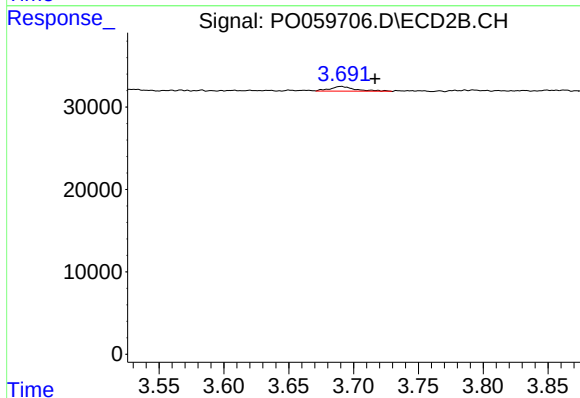
R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



#8 AR-1221-1

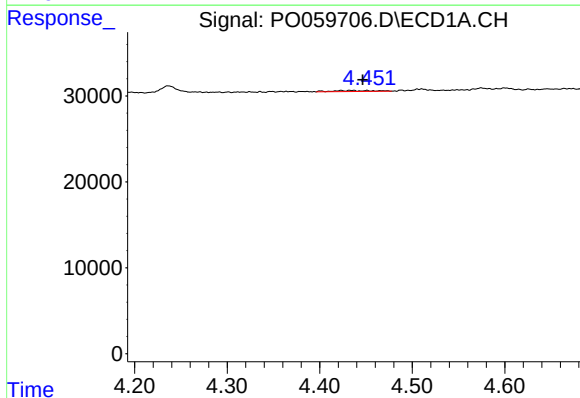
R.T.: 4.364 min
Delta R.T.: 0.004 min
Response: 2659
Conc: 6.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



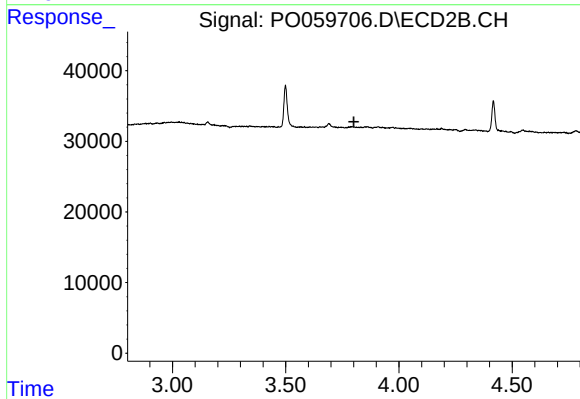
#8 AR-1221-1

R.T.: 3.690 min
Delta R.T.: -0.026 min
Response: 7622
Conc: 18.99 ng/ml



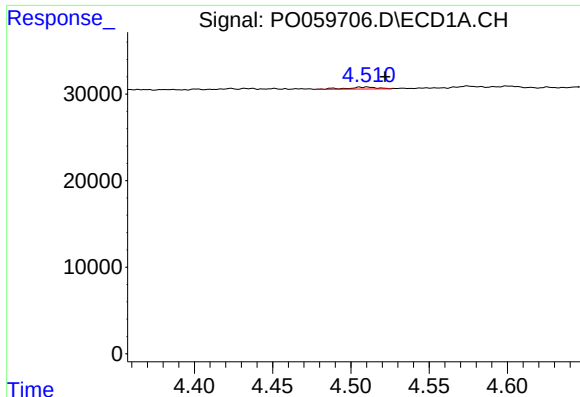
#9 AR-1221-2

R.T.: 4.423 min
Delta R.T.: -0.023 min
Response: 3608
Conc: 11.11 ng/ml



#9 AR-1221-2

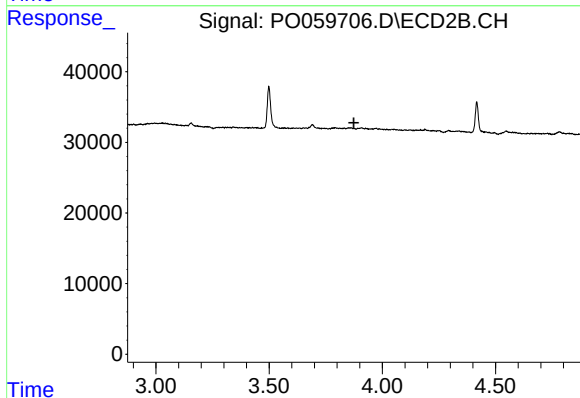
R.T.: 0.000 min
Exp R.T.: 3.801 min
Response: 0
Conc: N.D.



#10 AR-1221-3

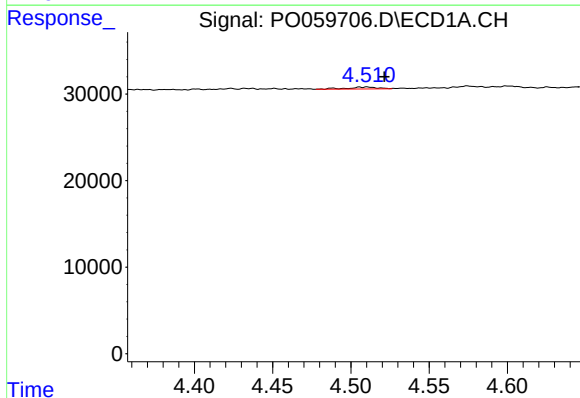
R.T.: 4.509 min
Delta R.T.: -0.012 min
Response: 2868
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



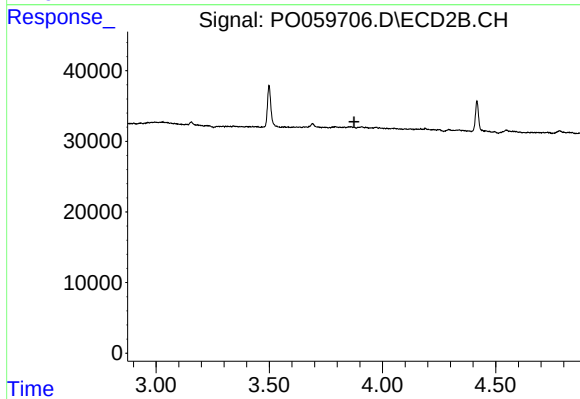
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



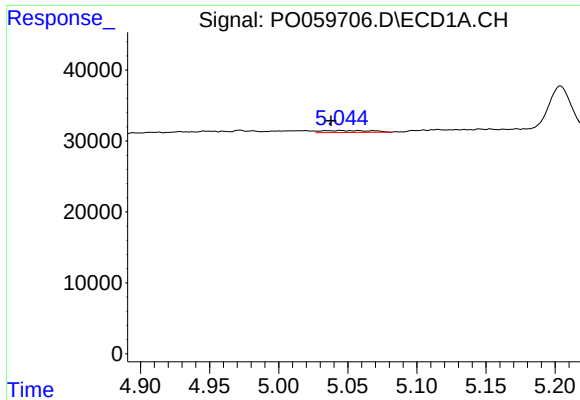
#11 AR-1232-1

R.T.: 4.509 min
Delta R.T.: -0.012 min
Response: 2868
Conc: 2.30 ng/ml



#11 AR-1232-1

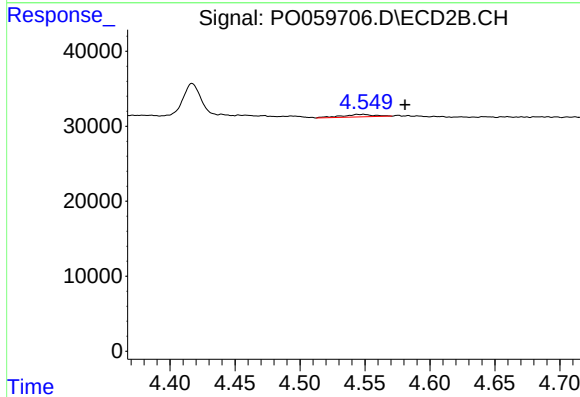
R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



#12 AR-1232-2

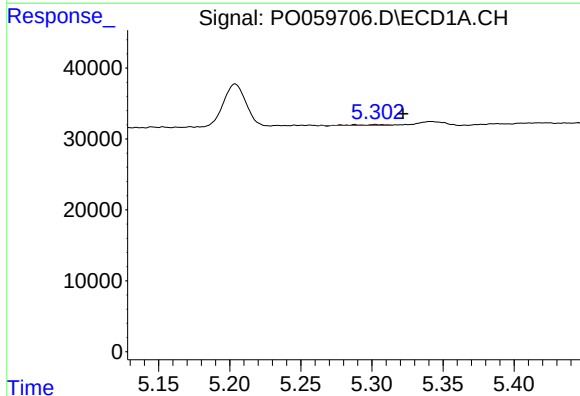
R.T.: 5.045 min
Delta R.T.: 0.007 min
Response: 6781
Conc: 9.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



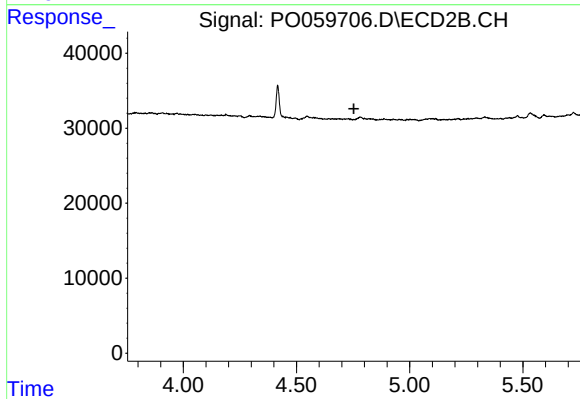
#12 AR-1232-2

R.T.: 4.549 min
Delta R.T.: -0.032 min
Response: 5711
Conc: 4.48 ng/ml



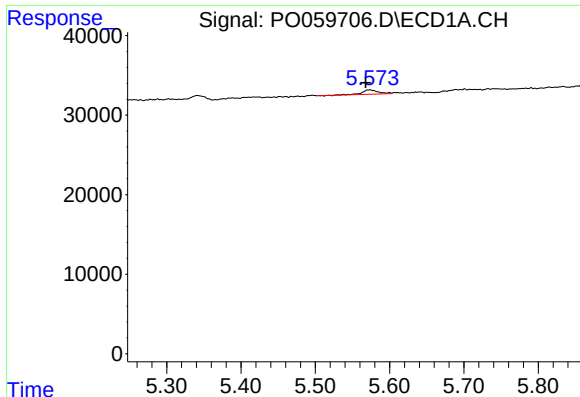
#13 AR-1232-3

R.T.: 5.303 min
Delta R.T.: -0.019 min
Response: 1675
Conc: 1.09 ng/ml



#13 AR-1232-3

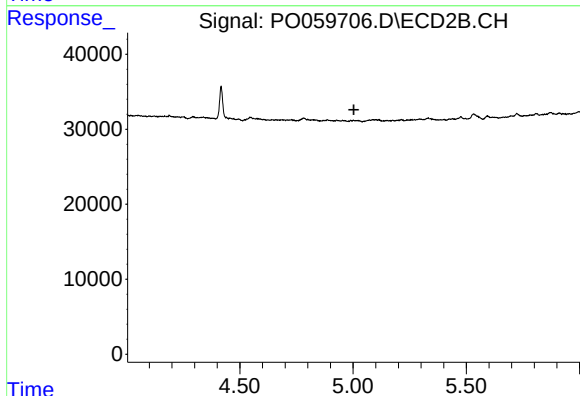
R.T.: 0.000 min
Exp R.T.: 4.753 min
Response: 0
Conc: N.D.



#15 AR-1232-5

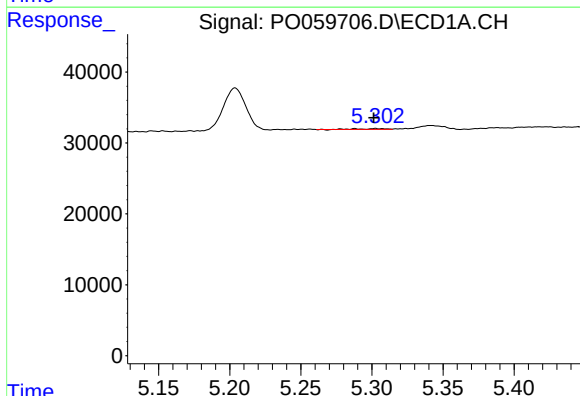
R.T.: 5.573 min
Delta R.T.: 0.005 min
Response: 8034
Conc: 13.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



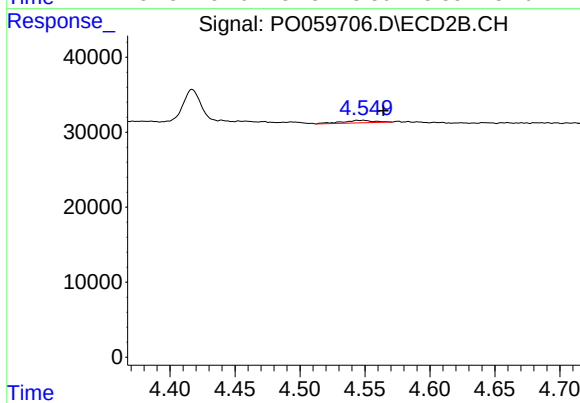
#15 AR-1232-5

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



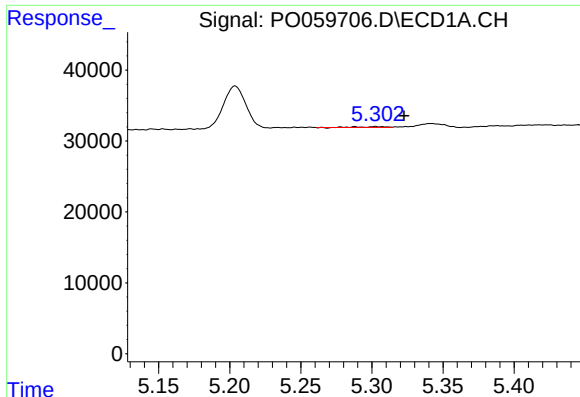
#16 AR-1242-1

R.T.: 5.303 min
Delta R.T.: 0.002 min
Response: 1675
Conc: 1.32 ng/ml



#16 AR-1242-1

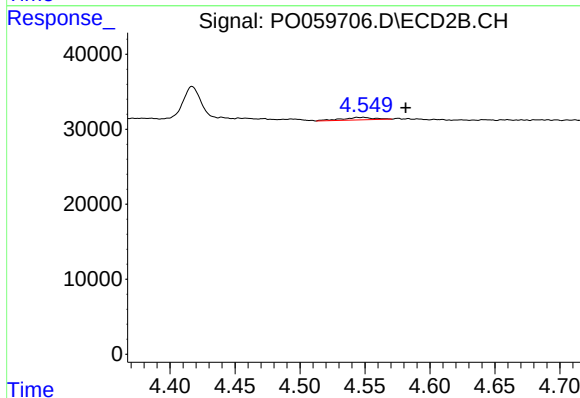
R.T.: 4.549 min
Delta R.T.: -0.015 min
Response: 5711
Conc: 5.55 ng/ml



#17 AR-1242-2

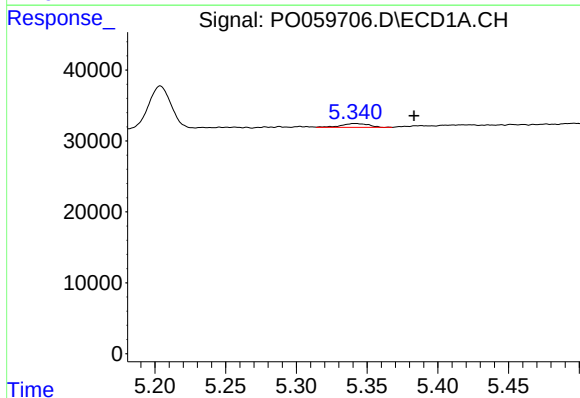
R.T.: 5.303 min
Delta R.T.: -0.019 min
Response: 1675
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



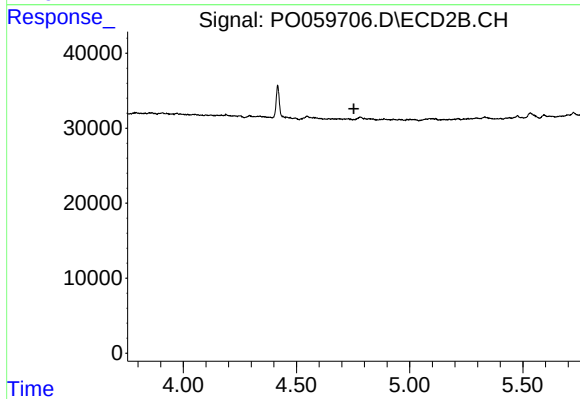
#17 AR-1242-2

R.T.: 4.549 min
Delta R.T.: -0.032 min
Response: 5711
Conc: 3.75 ng/ml



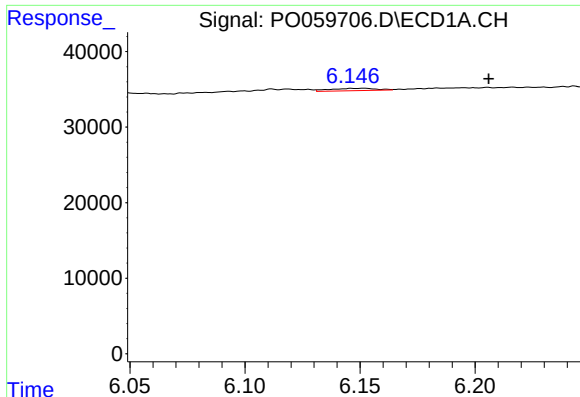
#18 AR-1242-3

R.T.: 5.342 min
Delta R.T.: -0.041 min
Response: 7320
Conc: 6.26 ng/ml



#18 AR-1242-3

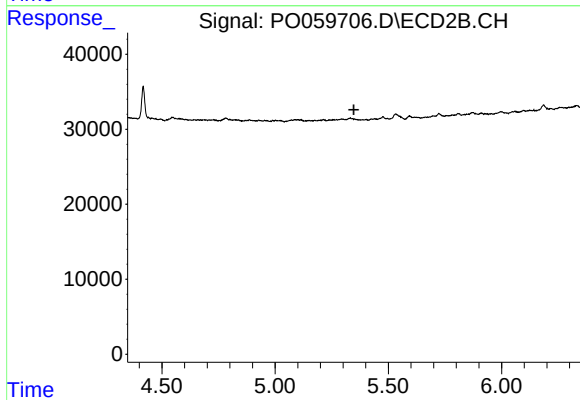
R.T.: 0.000 min
Exp R.T.: 4.754 min
Response: 0
Conc: N.D.



#20 AR-1242-5

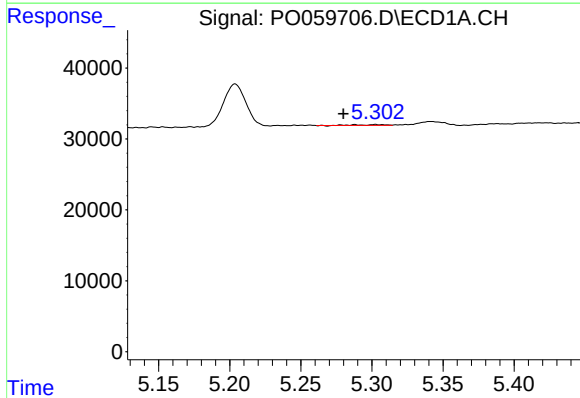
R.T.: 6.150 min
Delta R.T.: -0.056 min
Response: 4332
Conc: 3.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



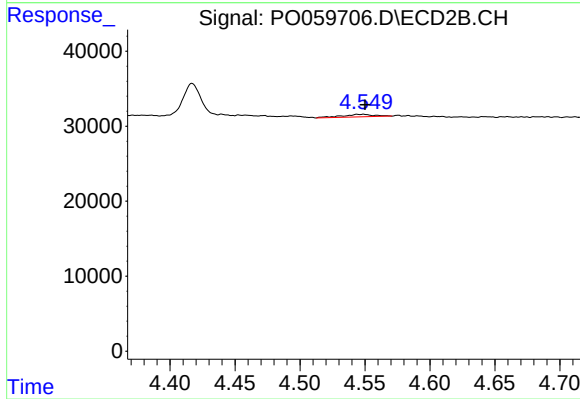
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



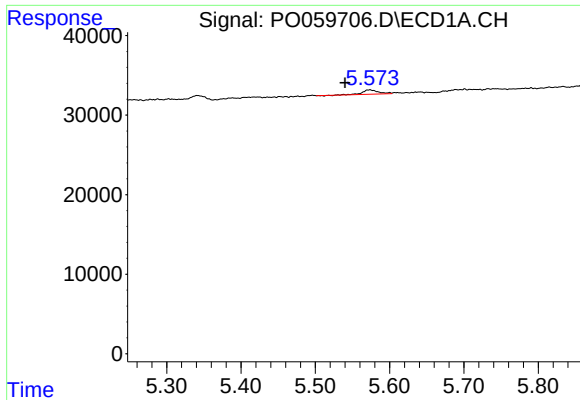
#21 AR-1248-1

R.T.: 5.303 min
Delta R.T.: 0.023 min
Response: 1675
Conc: 1.67 ng/ml



#21 AR-1248-1

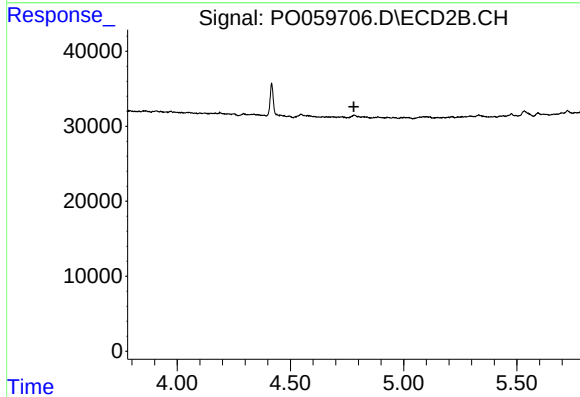
R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 5711
Conc: 6.90 ng/ml



#22 AR-1248-2

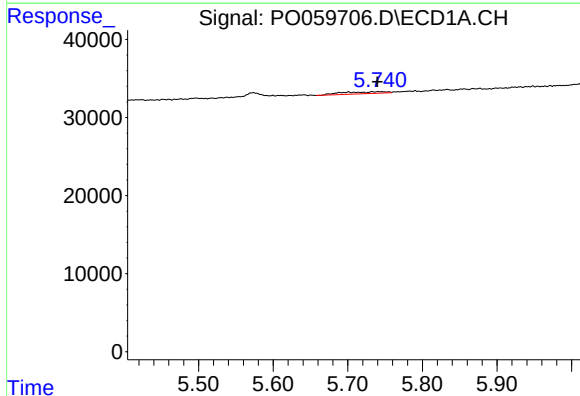
R.T.: 5.573 min
Delta R.T.: 0.033 min
Response: 8034
Conc: 5.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



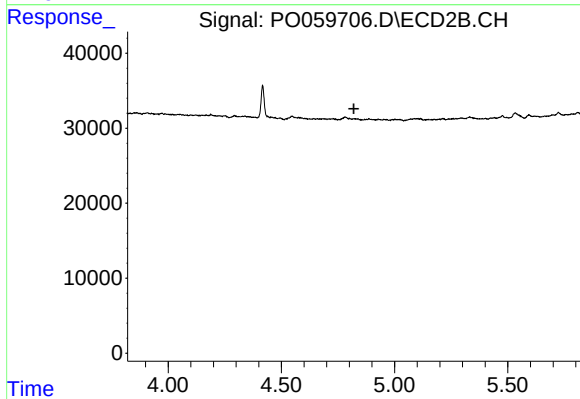
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



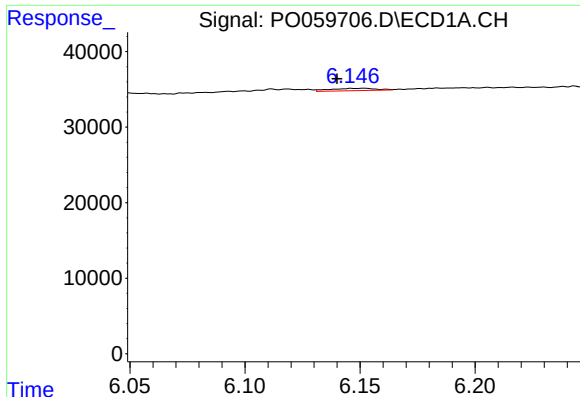
#23 AR-1248-3

R.T.: 5.701 min
Delta R.T.: -0.039 min
Response: 9749
Conc: 5.87 ng/ml



#23 AR-1248-3

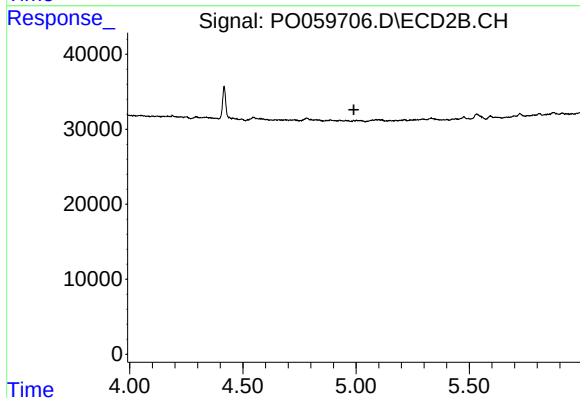
R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



#24 AR-1248-4

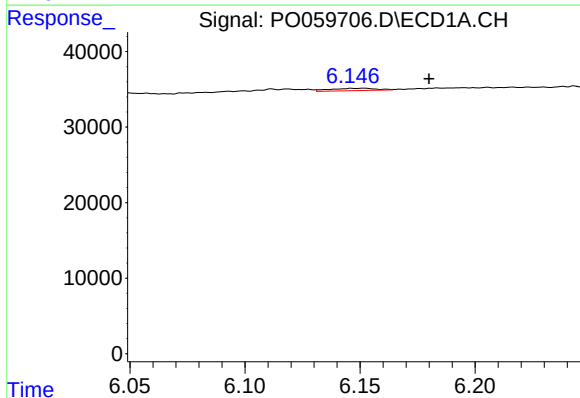
R.T.: 6.150 min
Delta R.T.: 0.010 min
Response: 4332
Conc: 2.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



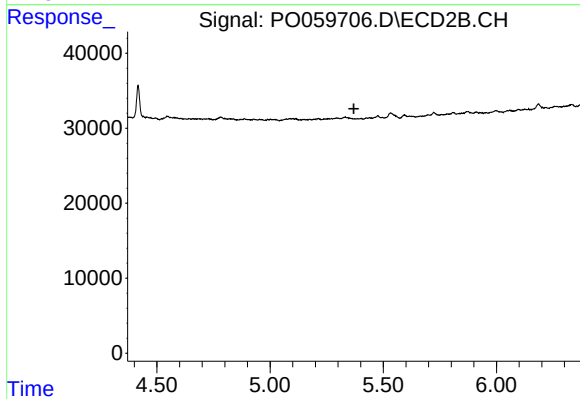
#24 AR-1248-4

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



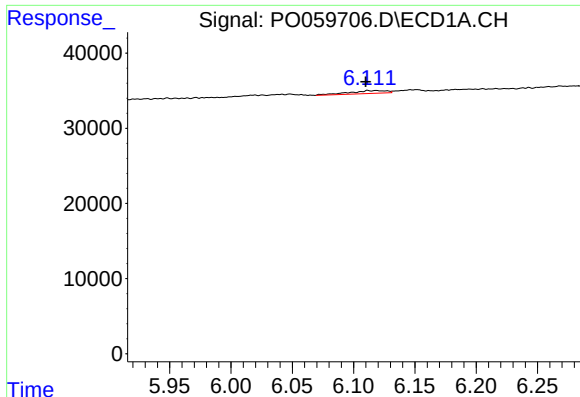
#25 AR-1248-5

R.T.: 6.150 min
Delta R.T.: -0.030 min
Response: 4332
Conc: 2.18 ng/ml



#25 AR-1248-5

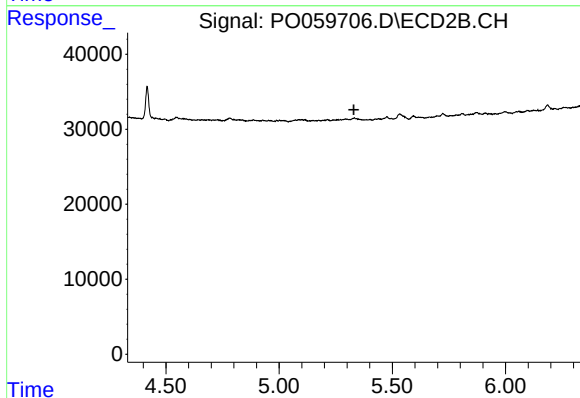
R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



#26 AR-1254-1

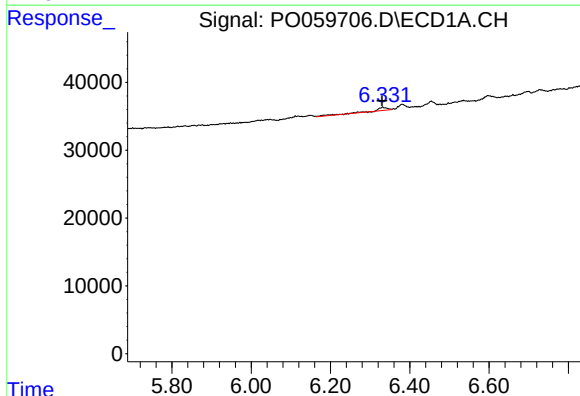
R.T.: 6.117 min
Delta R.T.: 0.007 min
Response: 8181
Conc: 3.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



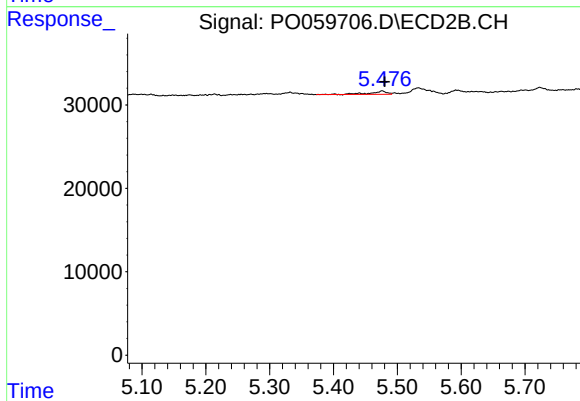
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



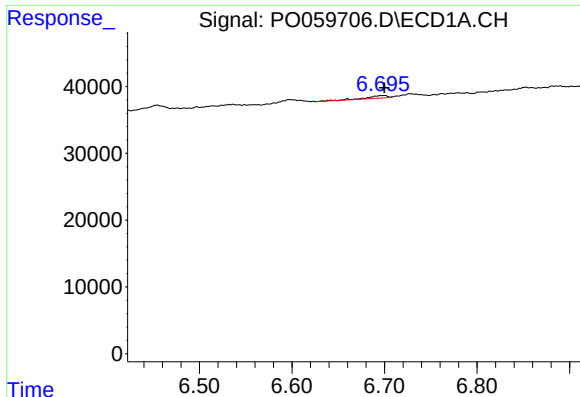
#27 AR-1254-2

R.T.: 6.332 min
Delta R.T.: 0.002 min
Response: 10743
Conc: 3.22 ng/ml



#27 AR-1254-2

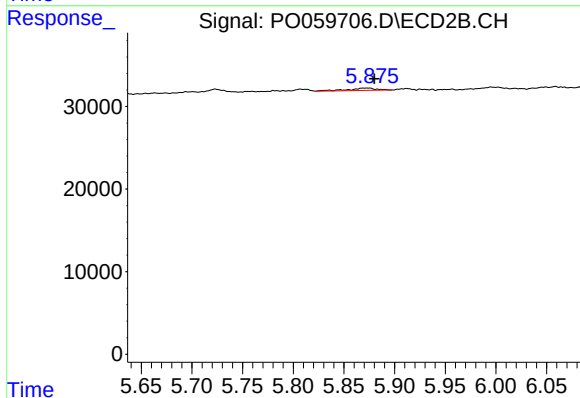
R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 7192
Conc: 3.43 ng/ml



#28 AR-1254-3

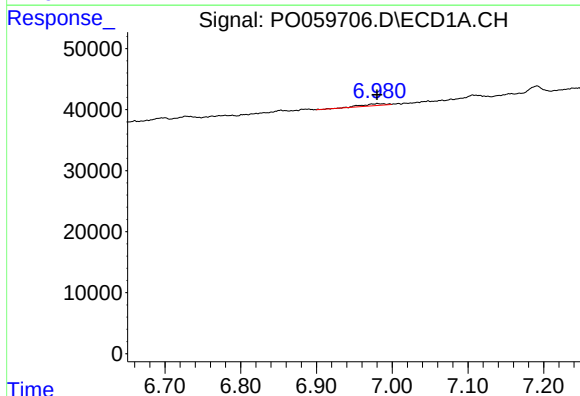
R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 6272
Conc: 1.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



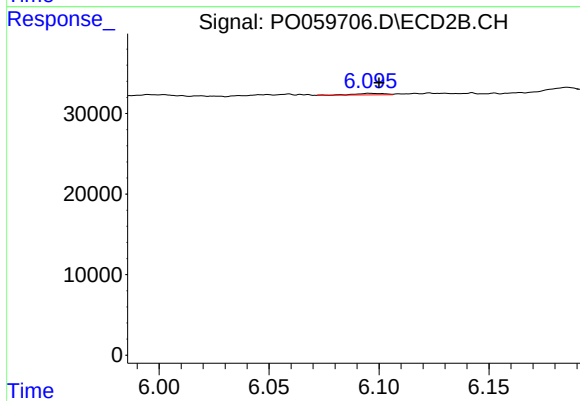
#28 AR-1254-3

R.T.: 5.870 min
Delta R.T.: -0.010 min
Response: 5716
Conc: 1.70 ng/ml



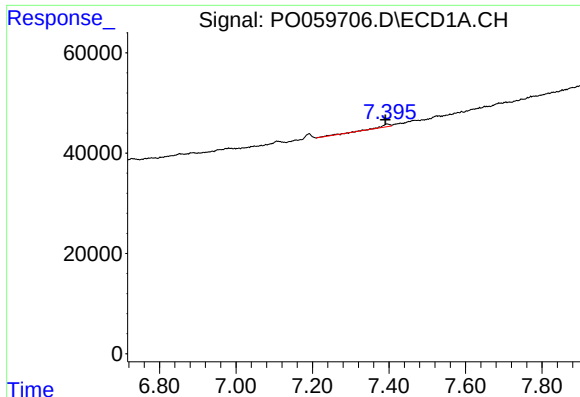
#29 AR-1254-4

R.T.: 6.981 min
Delta R.T.: 0.001 min
Response: 6745
Conc: 2.29 ng/ml



#29 AR-1254-4

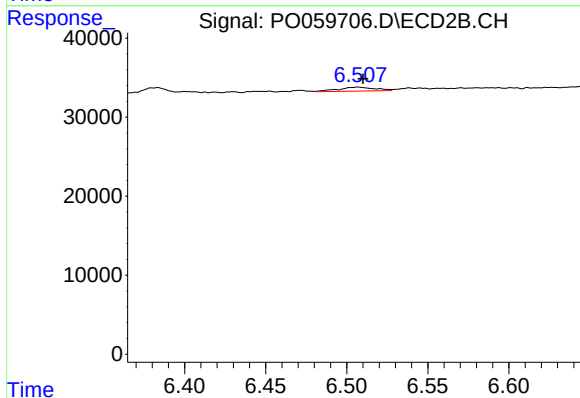
R.T.: 6.096 min
Delta R.T.: -0.004 min
Response: 1841
Conc: 0.89 ng/ml



#30 AR-1254-5

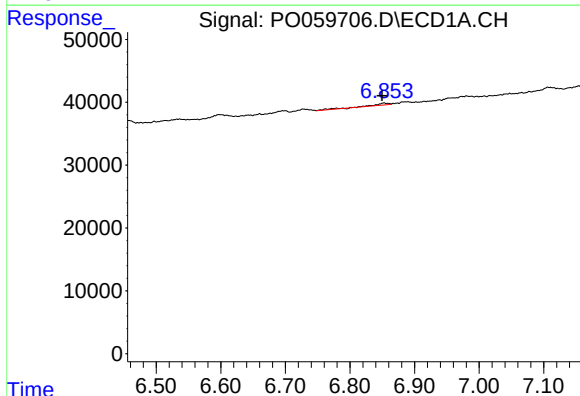
R.T.: 7.395 min
Delta R.T.: 0.005 min
Response: 10618
Conc: 3.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



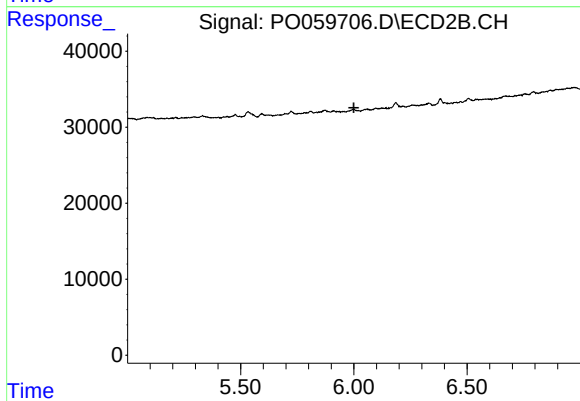
#30 AR-1254-5

R.T.: 6.507 min
Delta R.T.: -0.003 min
Response: 7736
Conc: 2.49 ng/ml



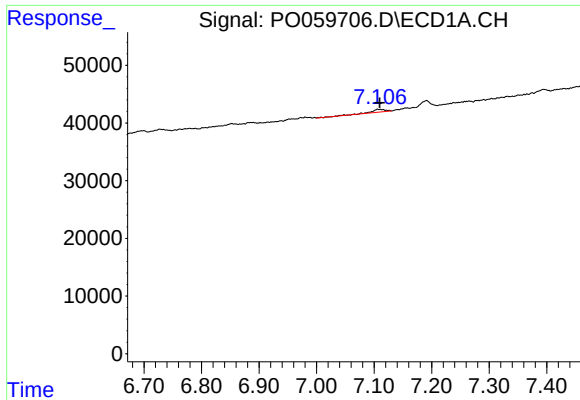
#31 AR-1260-1

R.T.: 6.854 min
Delta R.T.: 0.004 min
Response: 6430
Conc: 2.39 ng/ml



#31 AR-1260-1

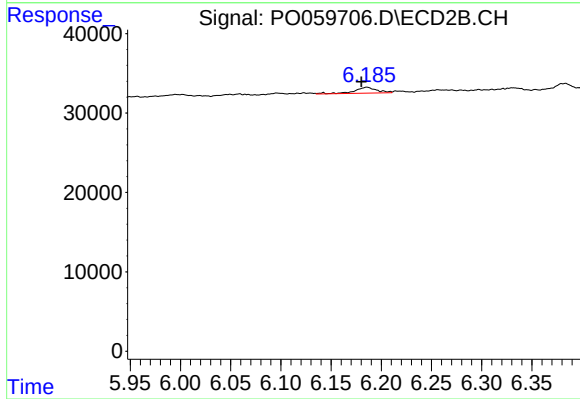
R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.



#32 AR-1260-2

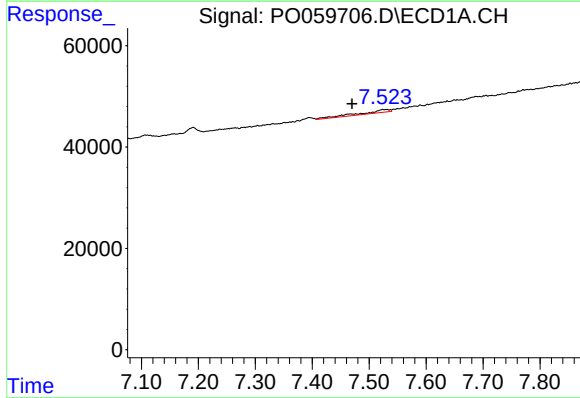
R.T.: 7.109 min
Delta R.T.: -0.001 min
Response: 8460
Conc: 2.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



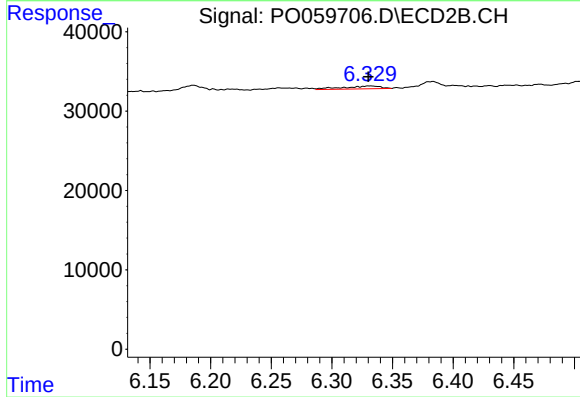
#32 AR-1260-2

R.T.: 6.186 min
Delta R.T.: 0.006 min
Response: 11578
Conc: 3.95 ng/ml



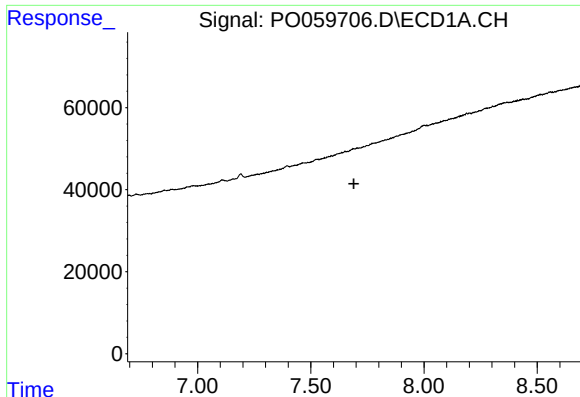
#33 AR-1260-3

R.T.: 7.528 min
Delta R.T.: 0.058 min
Response: 22160
Conc: 6.76 ng/ml



#33 AR-1260-3

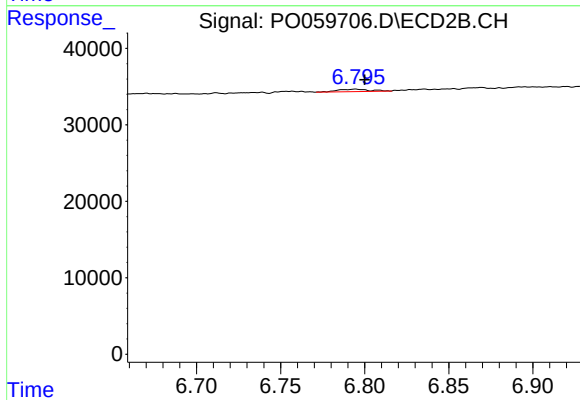
R.T.: 6.332 min
Delta R.T.: 0.002 min
Response: 7744
Conc: 2.92 ng/ml



#34 AR-1260-4

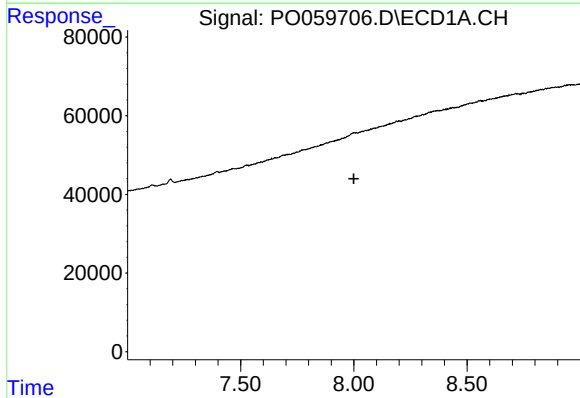
R.T.: 0.000 min
Exp R.T.: 7.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-10



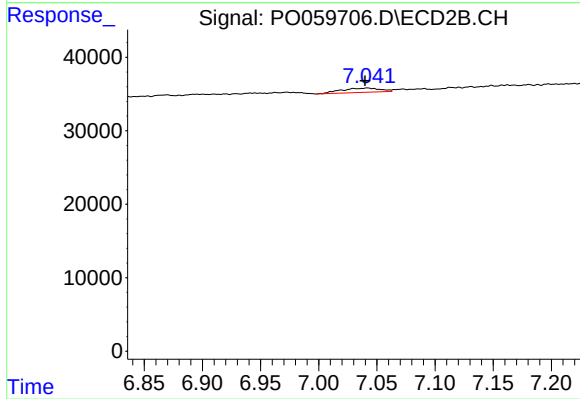
#34 AR-1260-4

R.T.: 6.794 min
Delta R.T.: -0.006 min
Response: 4093
Conc: 1.81 ng/ml



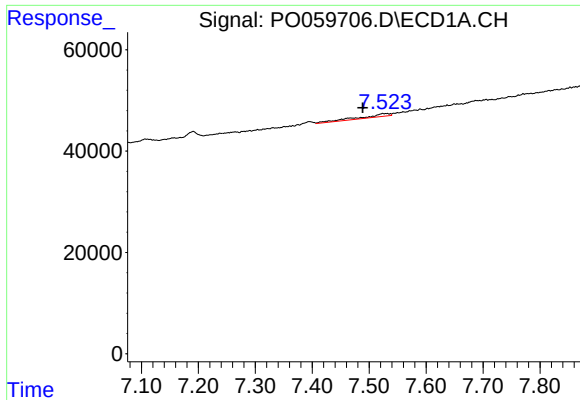
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.000 min
Response: 0
Conc: N.D.



#35 AR-1260-5

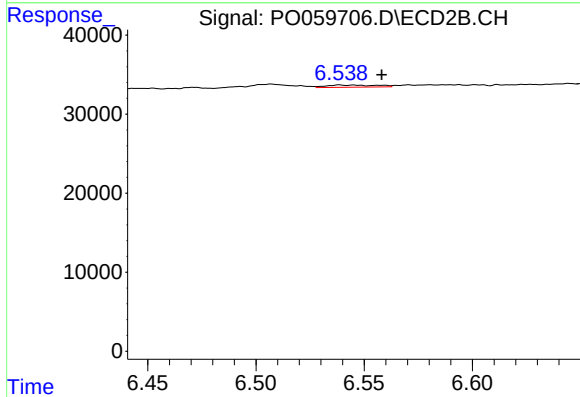
R.T.: 7.042 min
Delta R.T.: 0.002 min
Response: 13654
Conc: 2.48 ng/ml



#36 AR-1262-1

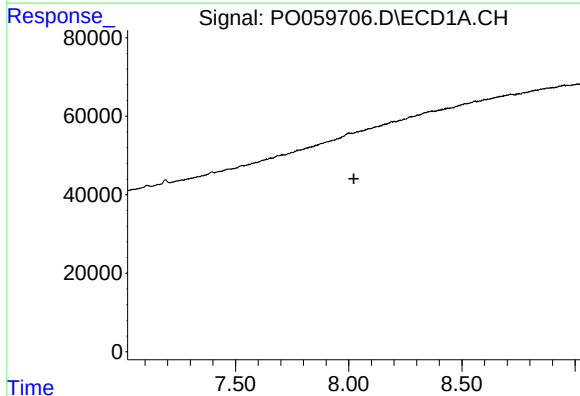
R.T.: 7.528 min
Delta R.T.: 0.039 min
Response: 22160
Conc: 4.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



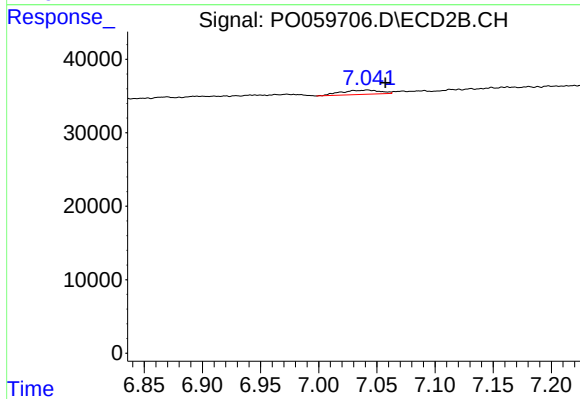
#36 AR-1262-1

R.T.: 6.539 min
Delta R.T.: -0.019 min
Response: 4385
Conc: 1.18 ng/ml



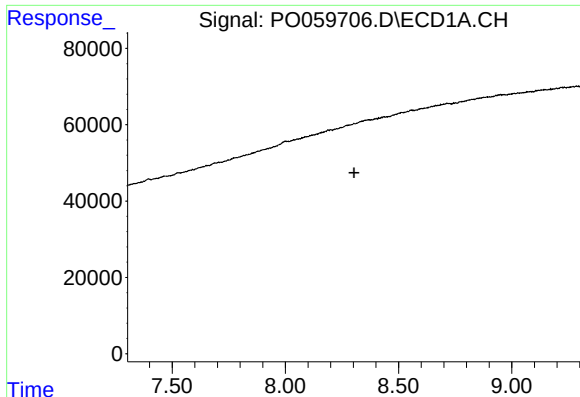
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.023 min
Response: 0
Conc: N.D.



#37 AR-1262-2

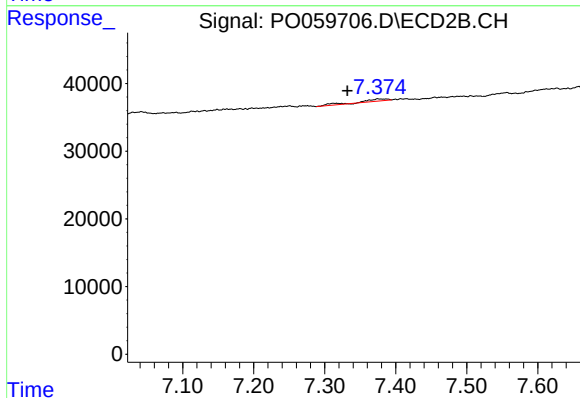
R.T.: 7.042 min
Delta R.T.: -0.015 min
Response: 13654
Conc: 2.32 ng/ml



#38 AR-1262-3

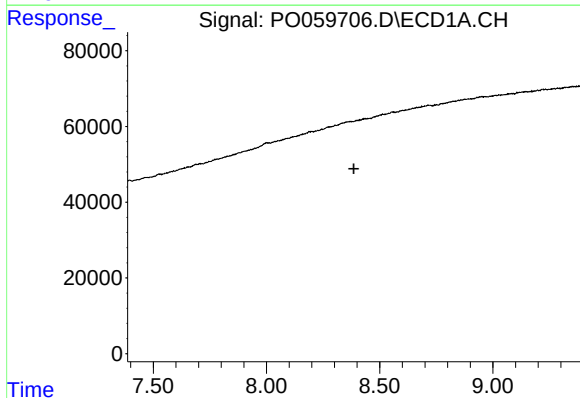
R.T.: 0.000 min
Exp R.T.: 8.303 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-10



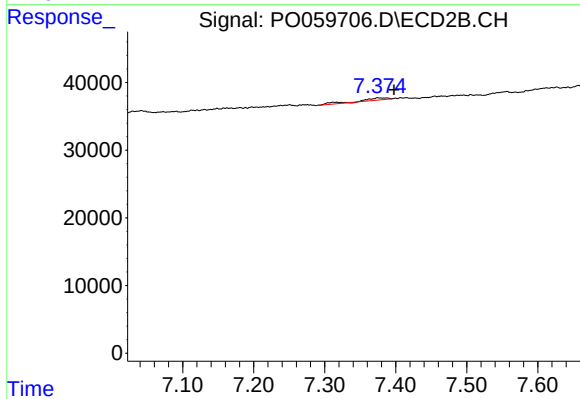
#38 AR-1262-3

R.T.: 7.377 min
Delta R.T.: 0.044 min
Response: 9010
Conc: 3.55 ng/ml



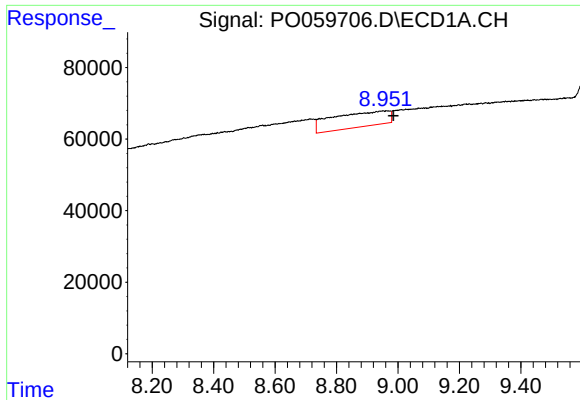
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.386 min
Response: 0
Conc: N.D.



#39 AR-1262-4

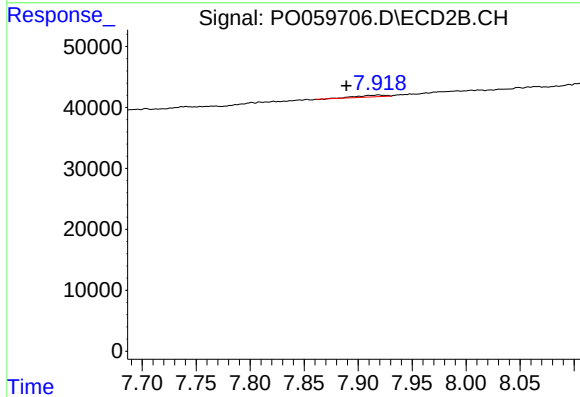
R.T.: 7.377 min
Delta R.T.: -0.021 min
Response: 9010
Conc: 2.04 ng/ml



#40 AR-1262-5

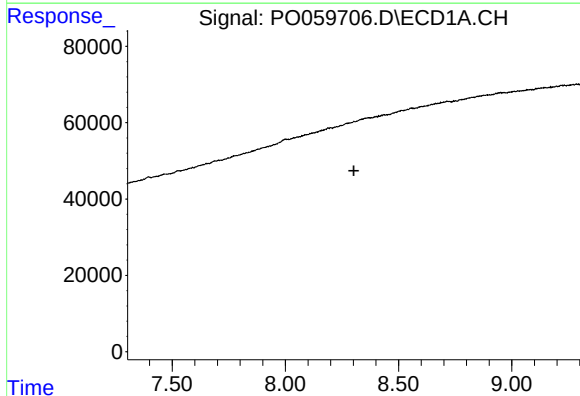
R.T.: 8.952 min
Delta R.T.: -0.034 min
Response: 542135
Conc: 211.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



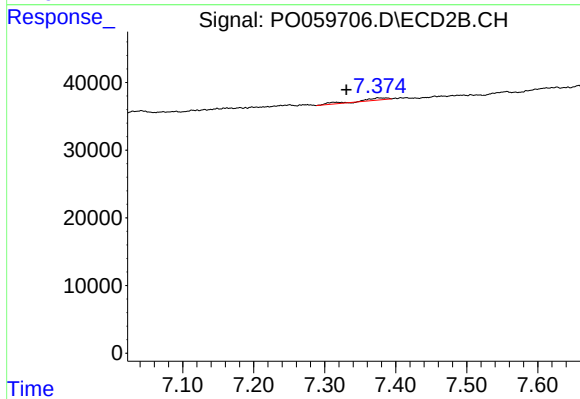
#40 AR-1262-5

R.T.: 7.919 min
Delta R.T.: 0.029 min
Response: 4818
Conc: 2.67 ng/ml



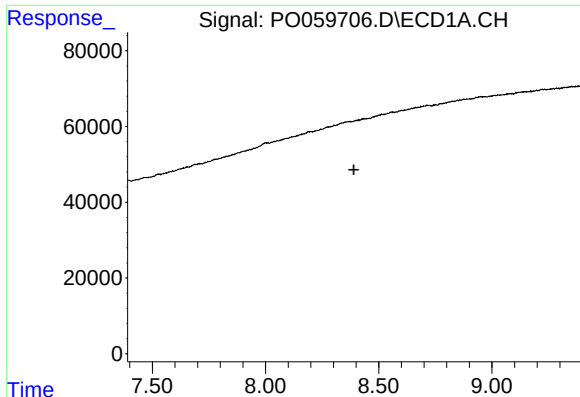
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.302 min
Response: 0
Conc: N.D.



#41 AR-1268-1

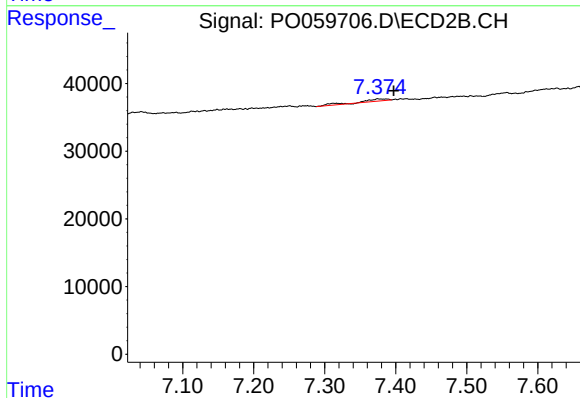
R.T.: 7.377 min
Delta R.T.: 0.046 min
Response: 9010
Conc: 1.27 ng/ml



#42 AR-1268-2

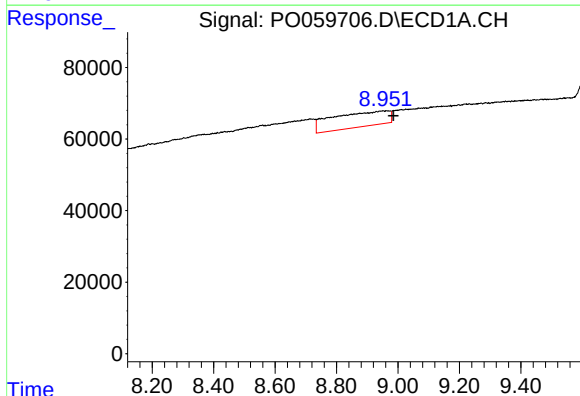
R.T.: 0.000 min
Exp R.T.: 8.390 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-10



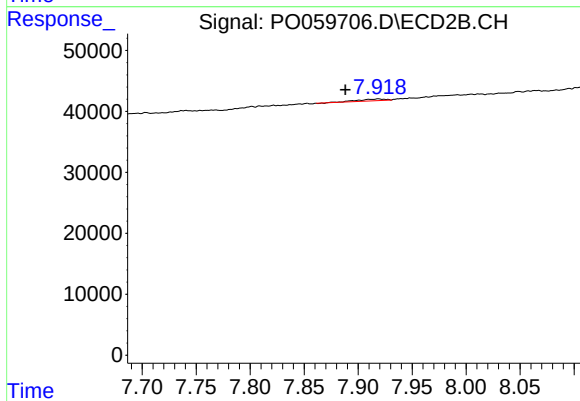
#42 AR-1268-2

R.T.: 7.377 min
Delta R.T.: -0.021 min
Response: 9010
Conc: 1.40 ng/ml



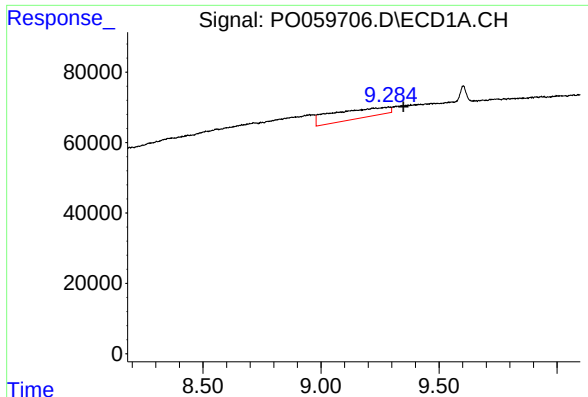
#44 AR-1268-4

R.T.: 8.952 min
Delta R.T.: -0.034 min
Response: 542135
Conc: 195.01 ng/ml



#44 AR-1268-4

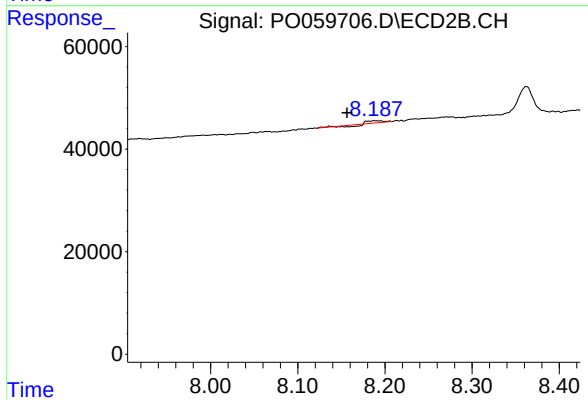
R.T.: 7.919 min
Delta R.T.: 0.030 min
Response: 4818
Conc: 2.36 ng/ml



#45 AR-1268-5

R.T.: 9.286 min
Delta R.T.: -0.064 min
Response: 465847
Conc: 25.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-10



#45 AR-1268-5

R.T.: 8.190 min
Delta R.T.: 0.034 min
Response: 2409
Conc: 0.17 ng/ml