

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082019\
 Data File : P0059542.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Aug 2019 18:58
 Operator : SM/AJ
 Sample : K4400-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HA-13

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 22:56:13 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...	4.140	3.505	753077	651755	21.509	18.106
2)	SA Decachlor...	9.623	8.374	354666	343339	6.667	8.515 #
Target Compounds							
3)	L1 AR-1016-1	5.310	0.000	4008	0	2.499	N.D. #
4)	L1 AR-1016-2	5.310	0.000	4008	0	1.675	N.D. #
5)	L1 AR-1016-3	5.382	0.000	979	0	0.657	N.D. #
6)	L1 AR-1016-4	5.468	0.000	305	0	0.252	N.D. #
7)	L1 AR-1016-5	5.762	0.000	1042	0	0.812	N.D. #
9)	L2 AR-1221-2	4.440	3.799	10458	11281	32.199	37.033
10)	L2 AR-1221-3	4.518	0.000	3268	0	3.106	N.D. #
11)	L3 AR-1232-1	4.518	0.000	3268	0	2.622	N.D. #
12)	L3 AR-1232-2	5.023	0.000	2443	0	3.458	N.D. #
13)	L3 AR-1232-3	5.310	0.000	4008	0	2.617	N.D. #
14)	L3 AR-1232-4	5.468	0.000	305	0	0.390	N.D. #
15)	L3 AR-1232-5	5.563	0.000	2538	0	4.222	N.D. #
16)	L4 AR-1242-1	5.310	0.000	4008	0	3.157	N.D. #
17)	L4 AR-1242-2	5.310	0.000	4008	0	2.160	N.D. #
18)	L4 AR-1242-3	5.382	0.000	979	0	0.838	N.D. #
19)	L4 AR-1242-4	5.468	0.000	305	0	0.315	N.D. #
20)	L4 AR-1242-5	6.156	0.000	9016	0	7.175	N.D. #
21)	L5 AR-1248-1	5.293	0.000	3586	0	3.577	N.D. #
22)	L5 AR-1248-2	5.563	0.000	2538	0	1.749	N.D. #
23)	L5 AR-1248-3	5.762	0.000	1042	0	0.627	N.D. #
24)	L5 AR-1248-4	6.156	0.000	9016	0	4.411	N.D. #
25)	L5 AR-1248-5	6.156	0.000	9016	0	4.547	N.D. #
26)	L6 AR-1254-1	6.156	0.000	9016	0	4.321	N.D. #
27)	L6 AR-1254-2	6.347	5.544	7231	6709	2.168	3.198 #
28)	L6 AR-1254-3	6.761	0.000	6349	0	1.789	N.D. #
29)	L6 AR-1254-4	6.974	0.000	5798	0	1.968	N.D. #
30)	L6 AR-1254-5	0.000	6.513	0	2992	N.D.	0.964 #
31)	L7 AR-1260-1	6.870	0.000	2933	0	1.088	N.D. #
32)	L7 AR-1260-2	7.120	6.198	16706	6552	4.503	2.236 #
33)	L7 AR-1260-3	0.000	6.392	0	9490	N.D.	3.582 #
34)	L7 AR-1260-4	7.716	6.848	17813	3037	5.800	1.342 #
35)	L7 AR-1260-5	8.019	7.048	214600	7868	30.307	1.430 #
36)	L8 AR-1262-1	0.000	6.513	0	2992	N.D.	0.803 #
37)	L8 AR-1262-2	8.019	7.048	214600	7868	27.813	1.338 #
38)	L8 AR-1262-3	0.000	7.370	0	100773	N.D.	39.659 #
39)	L8 AR-1262-4	8.391	7.419	526676	2703	136.631	0.612 #
40)	L8 AR-1262-5	8.989	7.931	25102	16485	9.780	9.130
41)	L9 AR-1268-1	0.000	7.370	0	100773	N.D.	14.152 #
42)	L9 AR-1268-2	8.391	7.419	526676	2703	66.814	0.419 #

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Acq On : 20 Aug 2019 18:58
Operator : SM/AJ
Sample : K4400-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HA-13

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 22:56:13 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
43)	L9 AR-1268-3	8.587	7.602	203055	8450	28.807	1.544 #
44)	L9 AR-1268-4	8.989	7.931	25102	16485	9.029	8.076
45)	L9 AR-1268-5	9.361	8.142	17763	22542	0.963	1.551 #

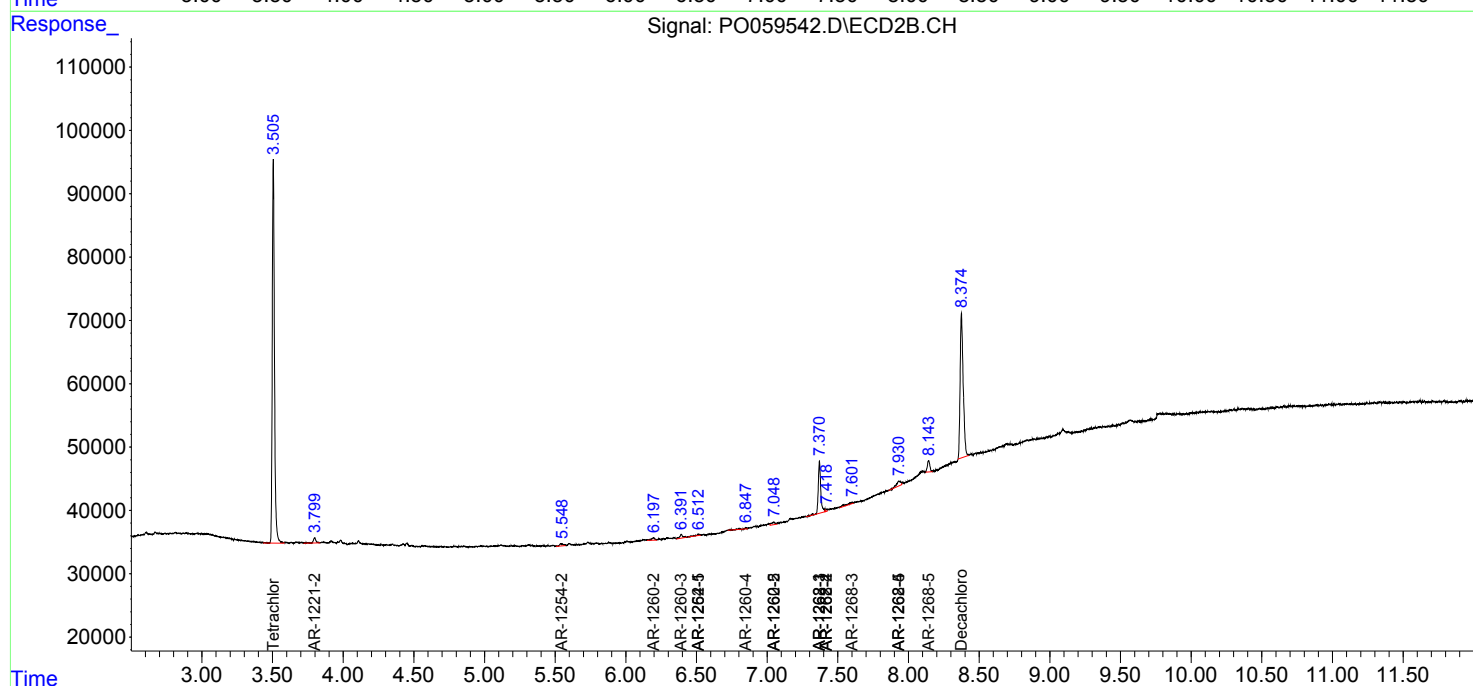
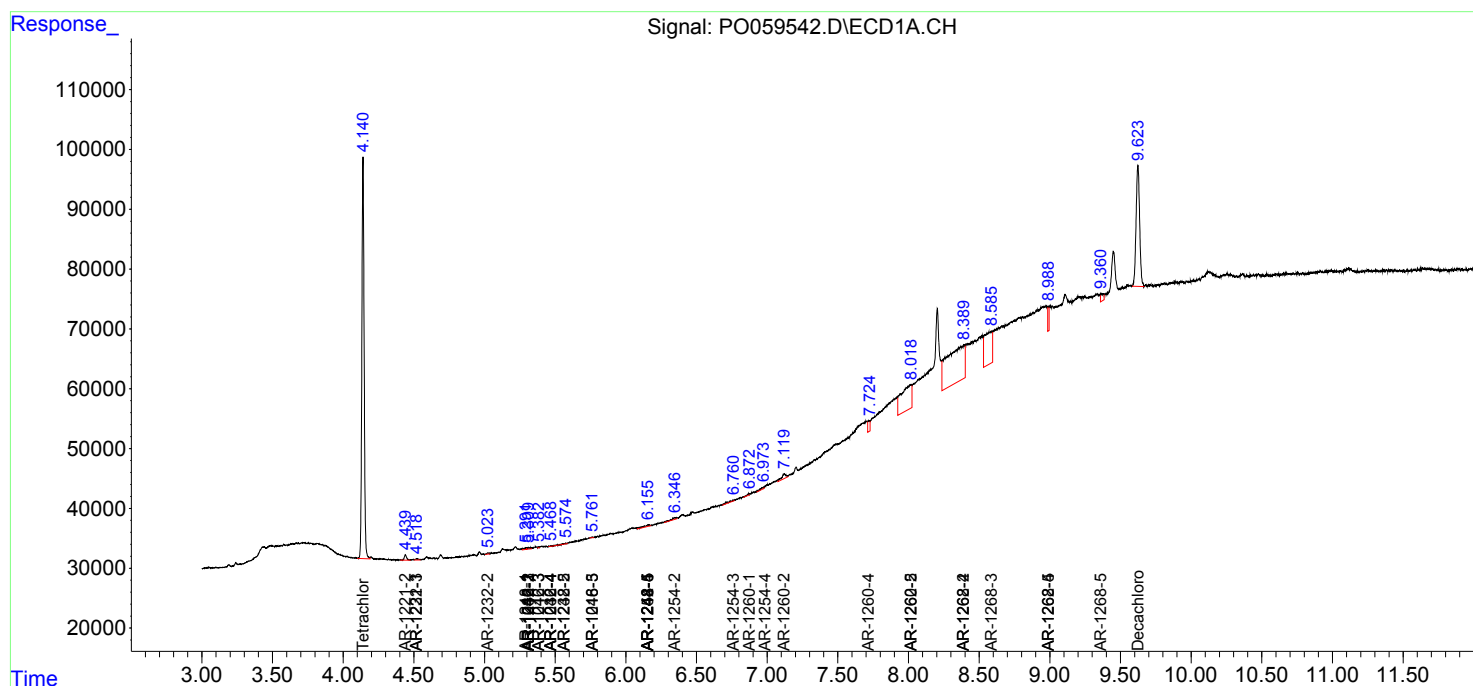
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

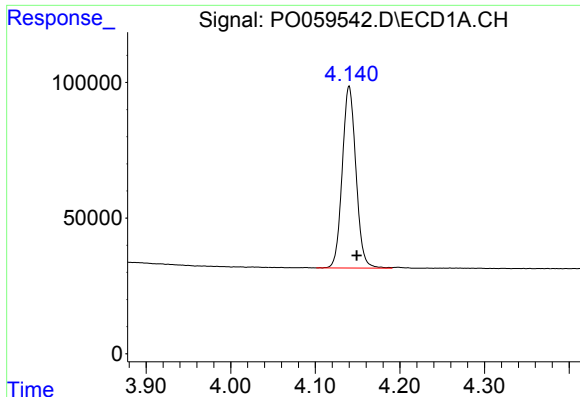
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082019\
Data File : P0059542.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Aug 2019 18:58
Operator : SM/AJ
Sample : K4400-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
HA-13

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 22:56:13 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

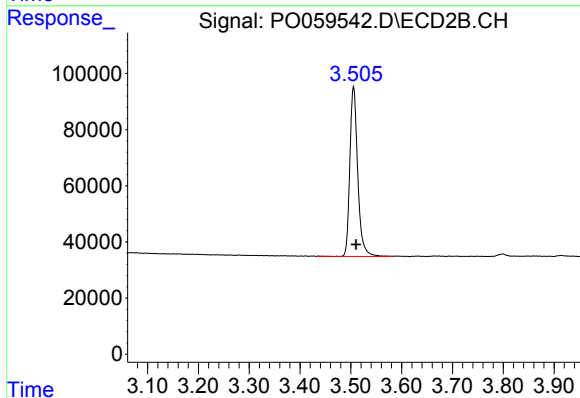




#1 Tetrachloro-m-xylene

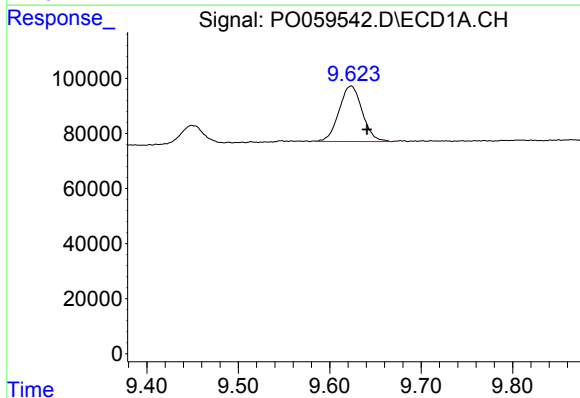
R.T.: 4.140 min
Delta R.T.: -0.009 min
Response: 753077
Conc: 21.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



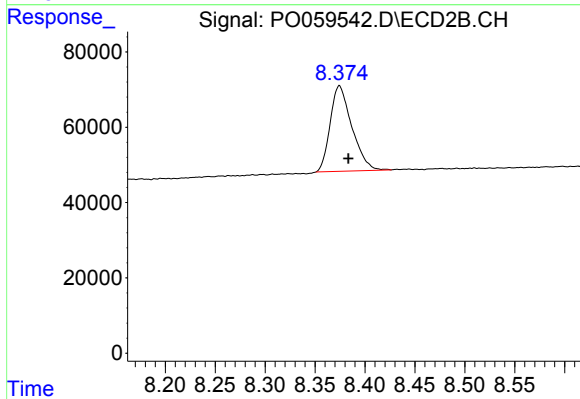
#1 Tetrachloro-m-xylene

R.T.: 3.505 min
Delta R.T.: -0.005 min
Response: 651755
Conc: 18.11 ng/ml



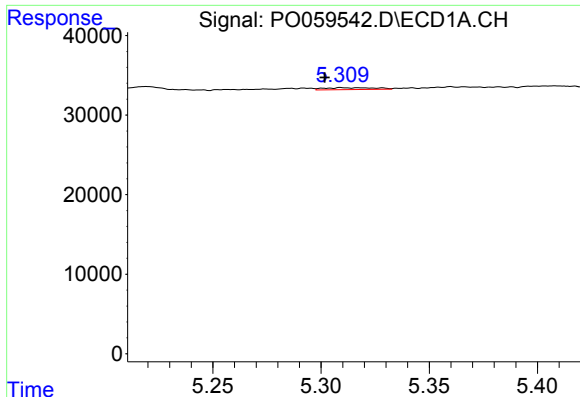
#2 Decachlorobiphenyl

R.T.: 9.623 min
Delta R.T.: -0.017 min
Response: 354666
Conc: 6.67 ng/ml



#2 Decachlorobiphenyl

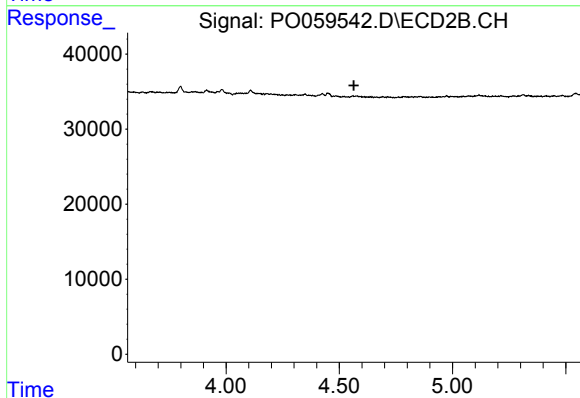
R.T.: 8.374 min
Delta R.T.: -0.009 min
Response: 343339
Conc: 8.52 ng/ml



#3 AR-1016-1

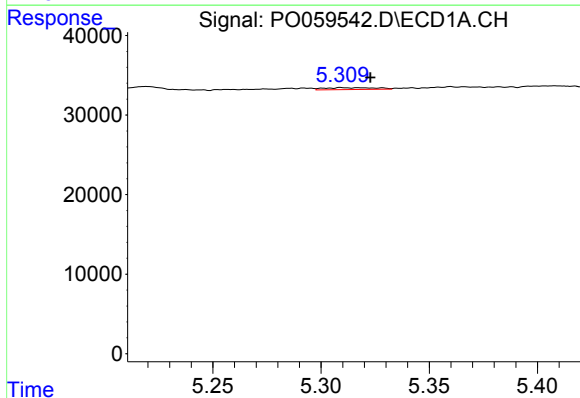
R.T.: 5.310 min
Delta R.T.: 0.008 min
Response: 4008
Conc: 2.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



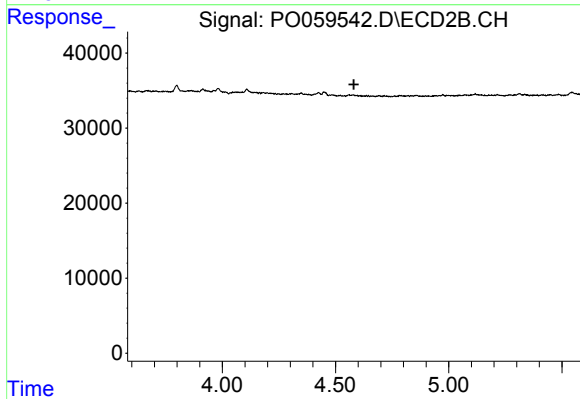
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.565 min
Response: 0
Conc: N.D.



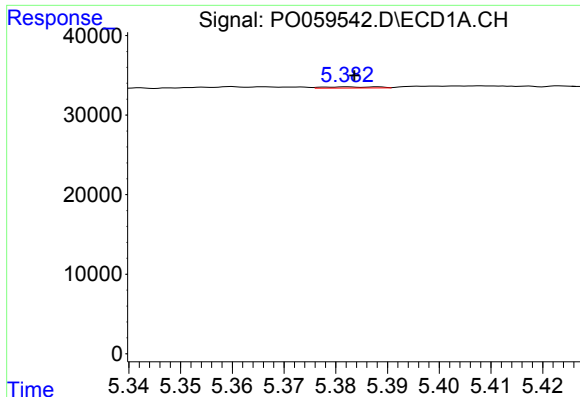
#4 AR-1016-2

R.T.: 5.310 min
Delta R.T.: -0.013 min
Response: 4008
Conc: 1.68 ng/ml



#4 AR-1016-2

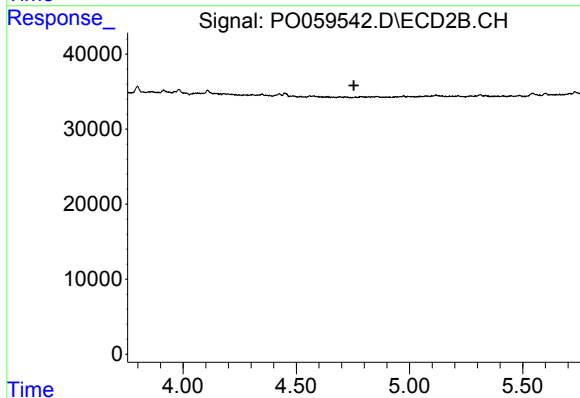
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#5 AR-1016-3

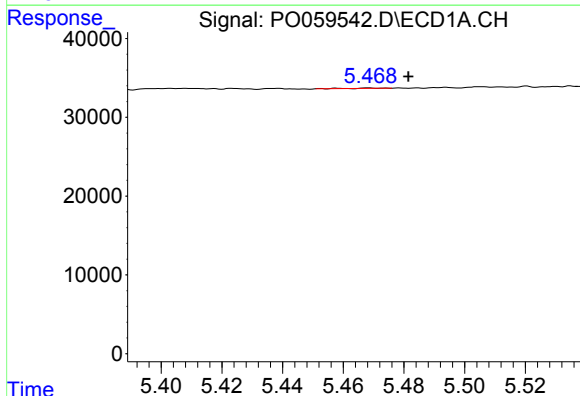
R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 979
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



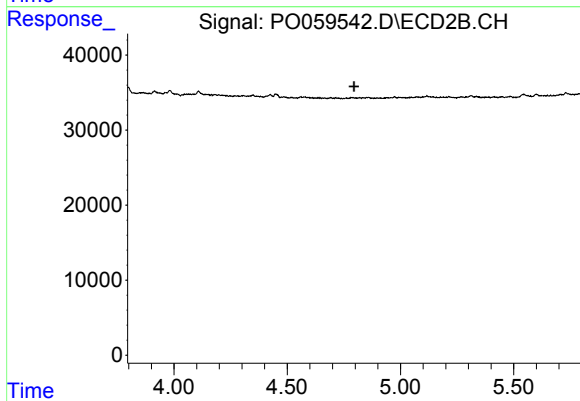
#5 AR-1016-3

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



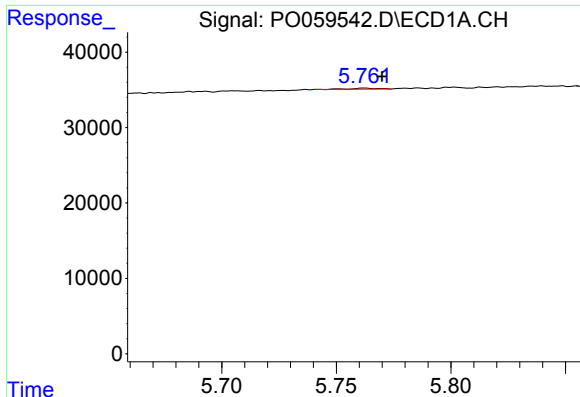
#6 AR-1016-4

R.T.: 5.468 min
Delta R.T.: -0.013 min
Response: 305
Conc: 0.25 ng/ml



#6 AR-1016-4

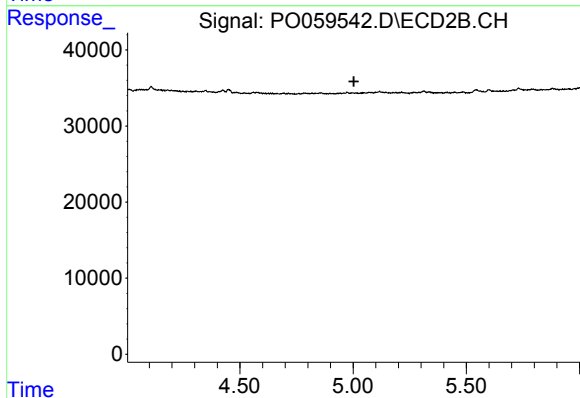
R.T.: 0.000 min
Exp R.T. : 4.795 min
Response: 0
Conc: N.D.



#7 AR-1016-5

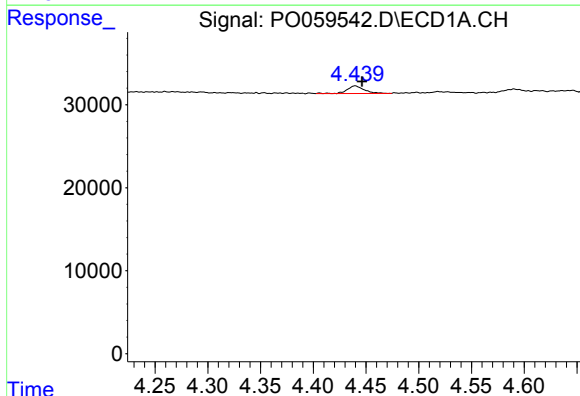
R.T.: 5.762 min
Delta R.T.: -0.008 min
Response: 1042
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



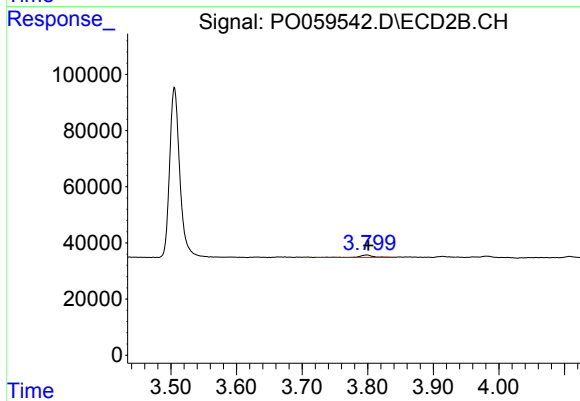
#7 AR-1016-5

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



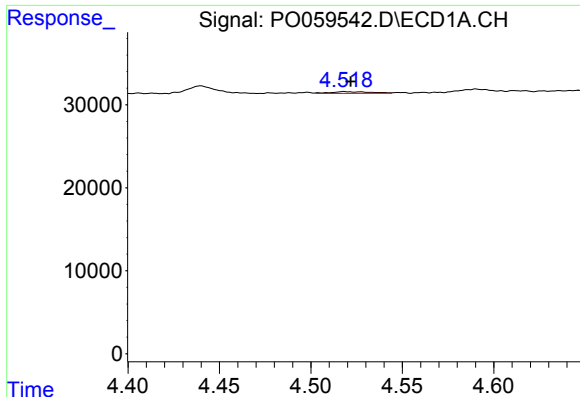
#9 AR-1221-2

R.T.: 4.440 min
Delta R.T.: -0.007 min
Response: 10458
Conc: 32.20 ng/ml



#9 AR-1221-2

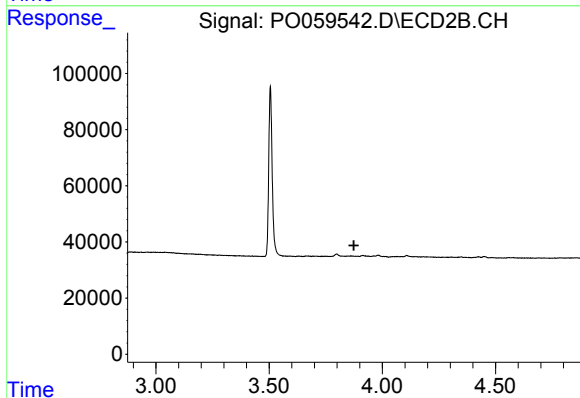
R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 11281
Conc: 37.03 ng/ml



#10 AR-1221-3

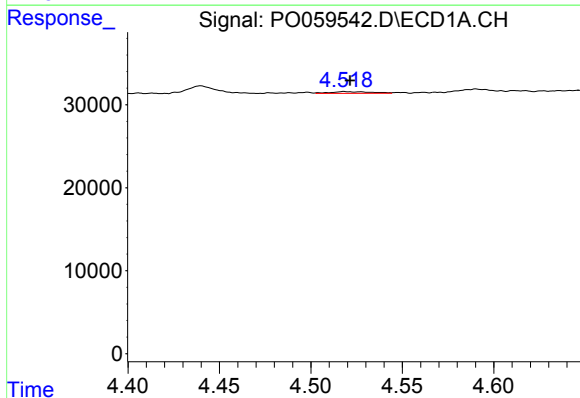
R.T.: 4.518 min
Delta R.T.: -0.004 min
Response: 3268
Conc: 3.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



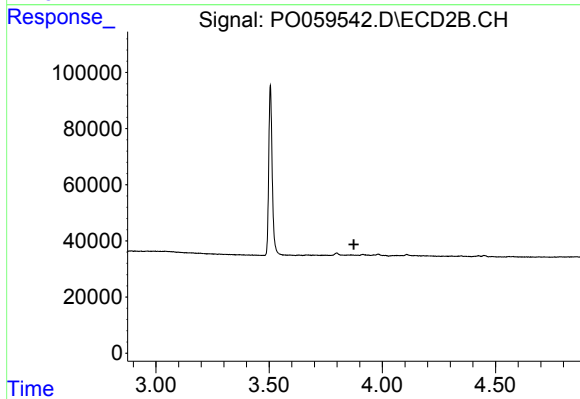
#10 AR-1221-3

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



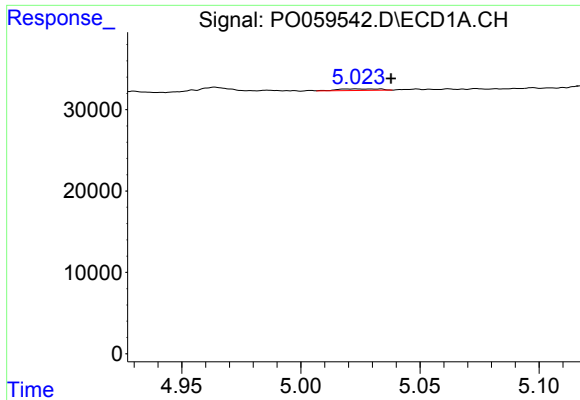
#11 AR-1232-1

R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 3268
Conc: 2.62 ng/ml



#11 AR-1232-1

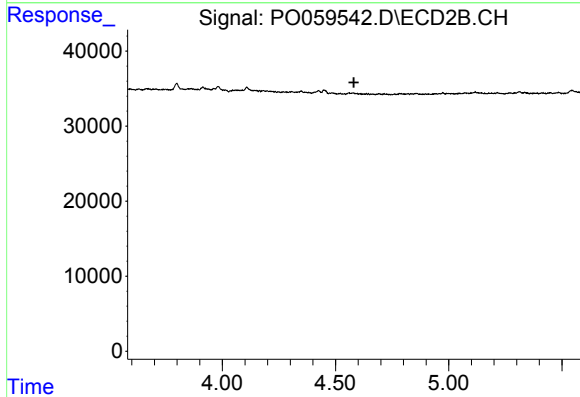
R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



#12 AR-1232-2

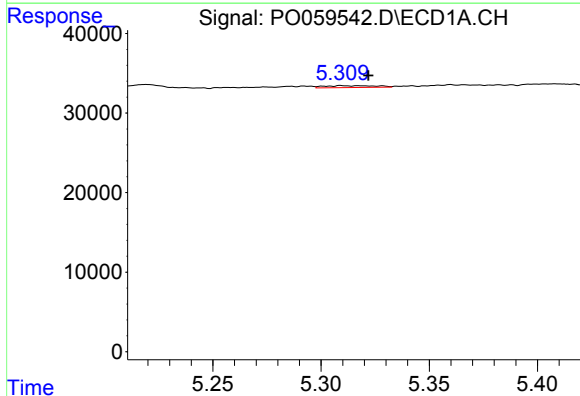
R.T.: 5.023 min
Delta R.T.: -0.015 min
Response: 2443
Conc: 3.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



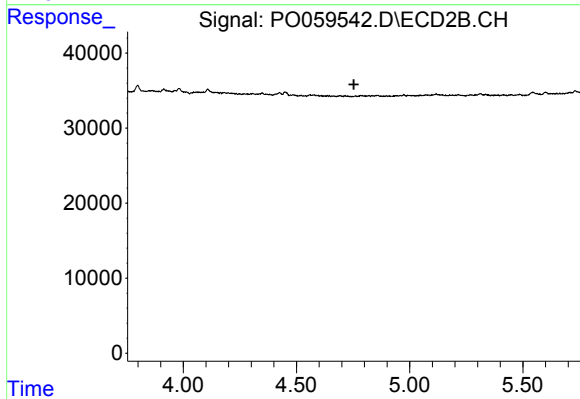
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



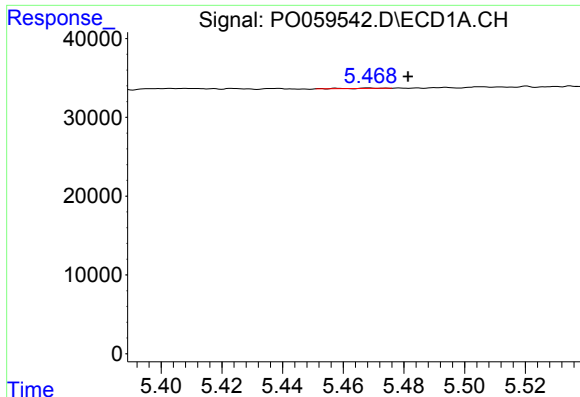
#13 AR-1232-3

R.T.: 5.310 min
Delta R.T.: -0.012 min
Response: 4008
Conc: 2.62 ng/ml



#13 AR-1232-3

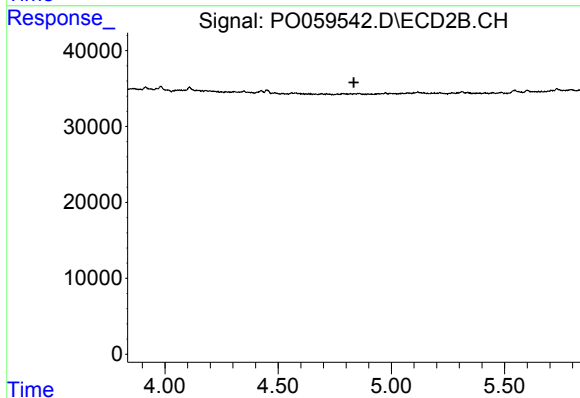
R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



#14 AR-1232-4

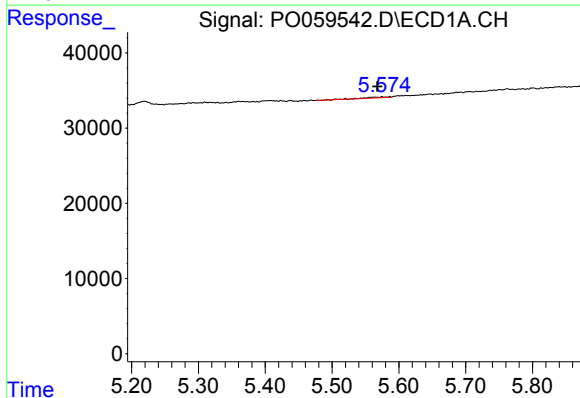
R.T.: 5.468 min
Delta R.T.: -0.013 min
Response: 305
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



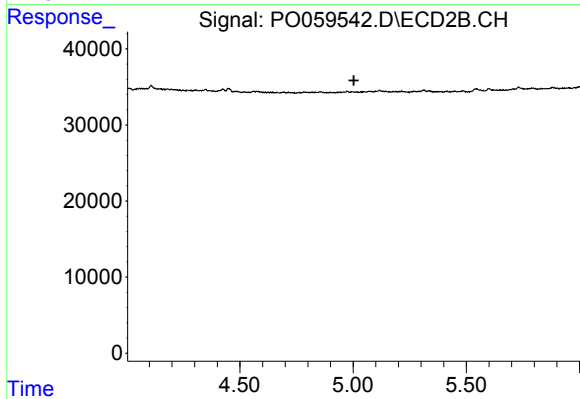
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



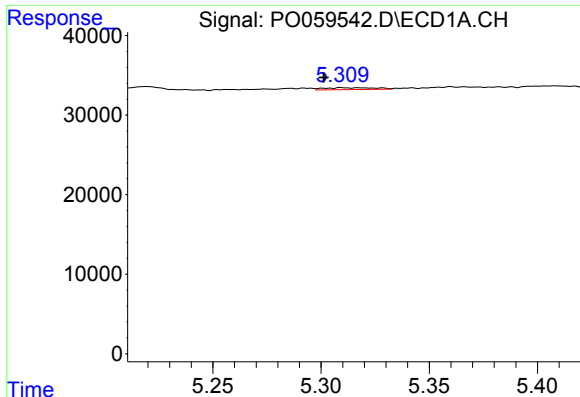
#15 AR-1232-5

R.T.: 5.563 min
Delta R.T.: -0.005 min
Response: 2538
Conc: 4.22 ng/ml



#15 AR-1232-5

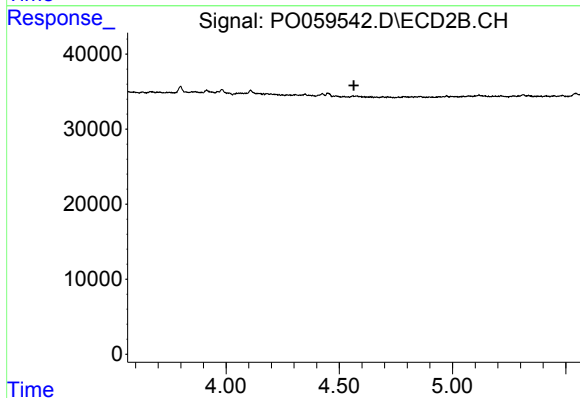
R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



#16 AR-1242-1

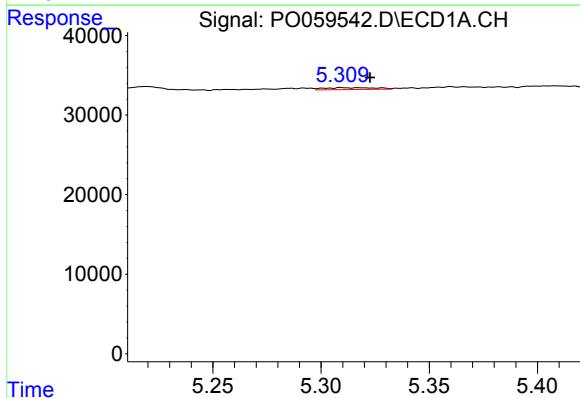
R.T.: 5.310 min
Delta R.T.: 0.008 min
Response: 4008
Conc: 3.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



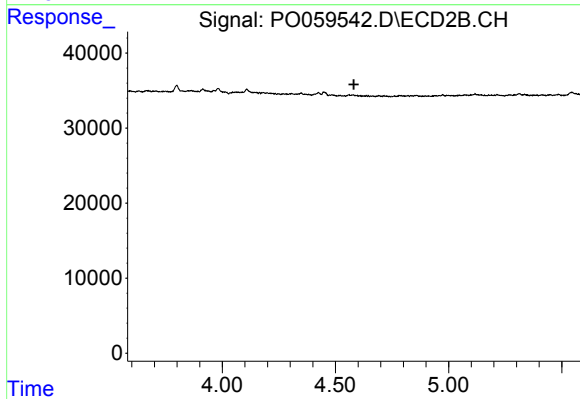
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



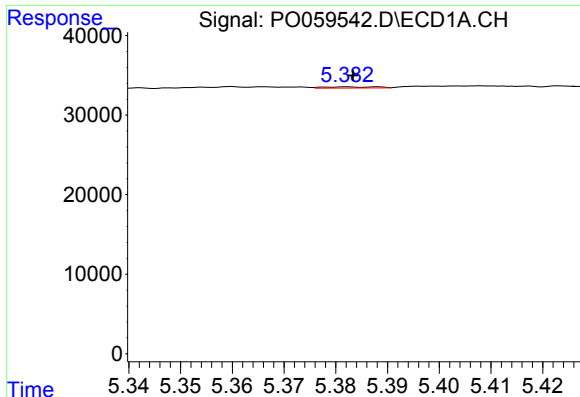
#17 AR-1242-2

R.T.: 5.310 min
Delta R.T.: -0.013 min
Response: 4008
Conc: 2.16 ng/ml



#17 AR-1242-2

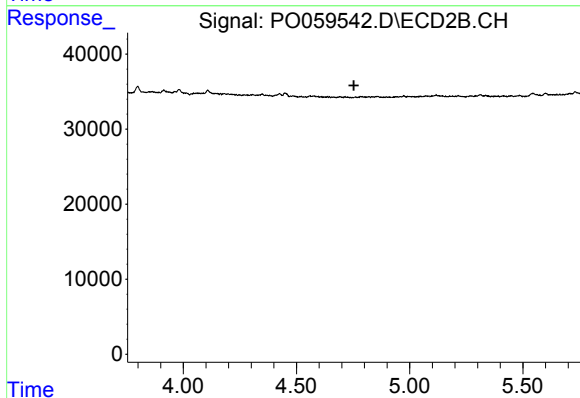
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#18 AR-1242-3

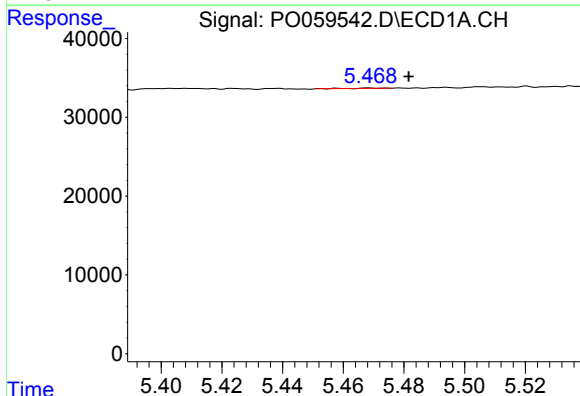
R.T.: 5.382 min
Delta R.T.: -0.001 min
Response: 979
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



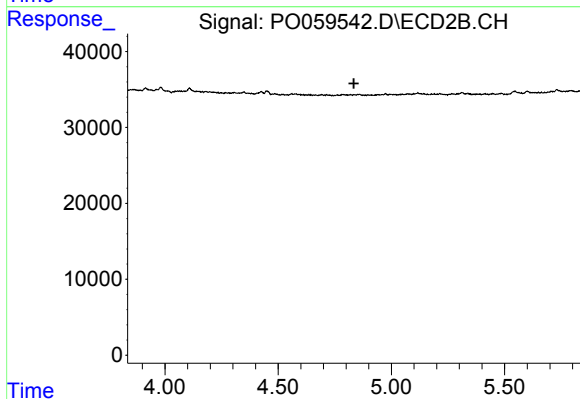
#18 AR-1242-3

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



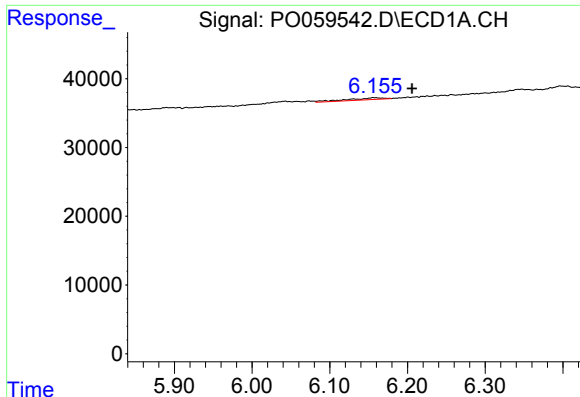
#19 AR-1242-4

R.T.: 5.468 min
Delta R.T.: -0.013 min
Response: 305
Conc: 0.32 ng/ml



#19 AR-1242-4

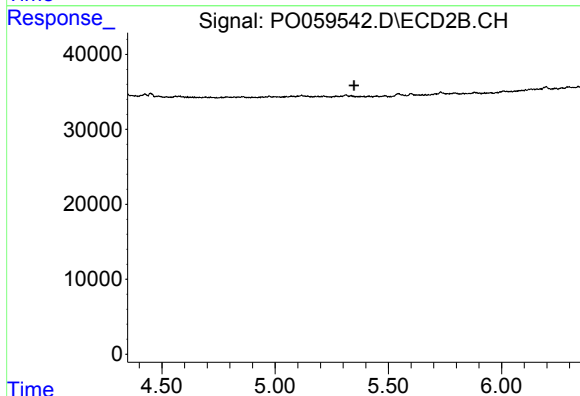
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#20 AR-1242-5

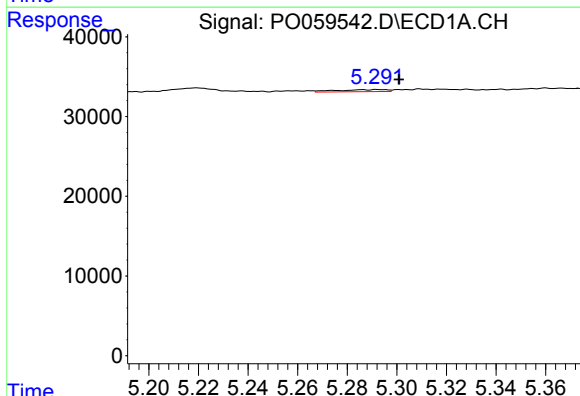
R.T.: 6.156 min
Delta R.T.: -0.050 min
Response: 9016
Conc: 7.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



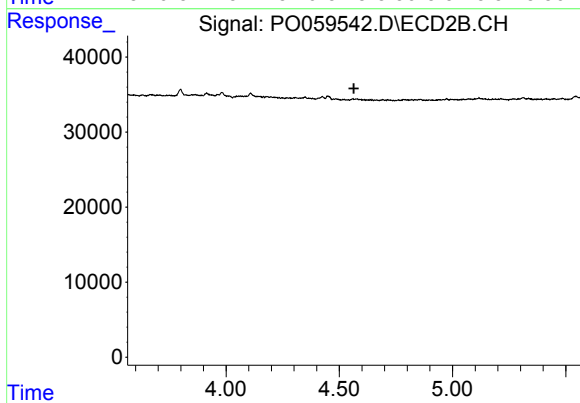
#20 AR-1242-5

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



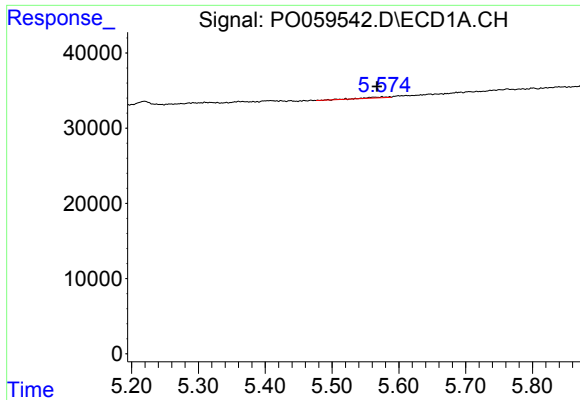
#21 AR-1248-1

R.T.: 5.293 min
Delta R.T.: -0.008 min
Response: 3586
Conc: 3.58 ng/ml



#21 AR-1248-1

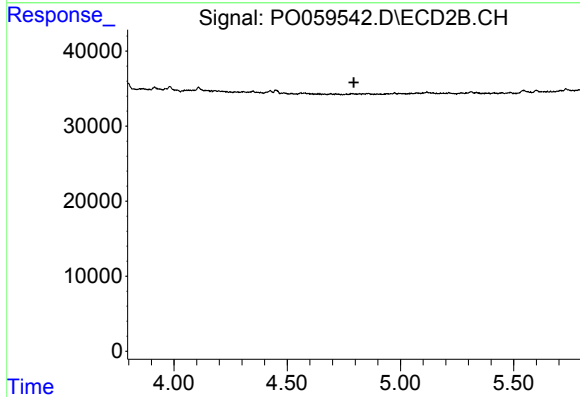
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#22 AR-1248-2

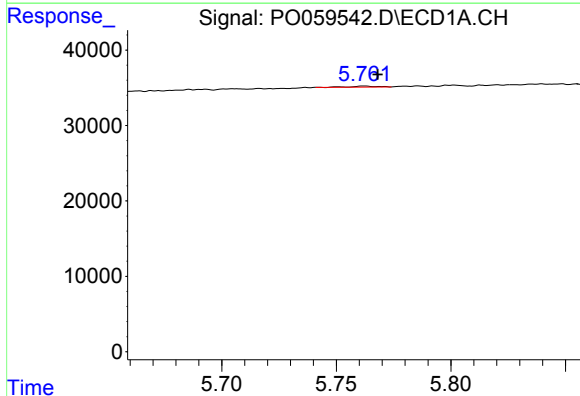
R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 2538
Conc: 1.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



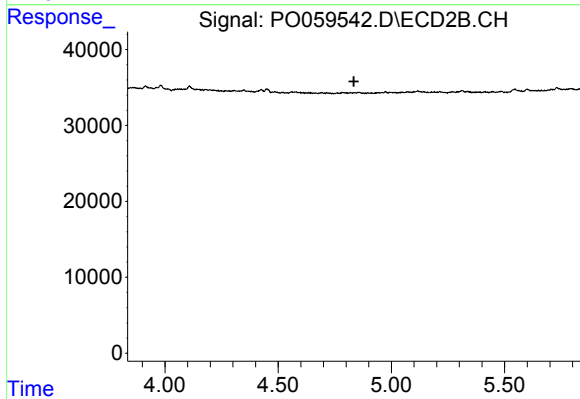
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.794 min
Response: 0
Conc: N.D.



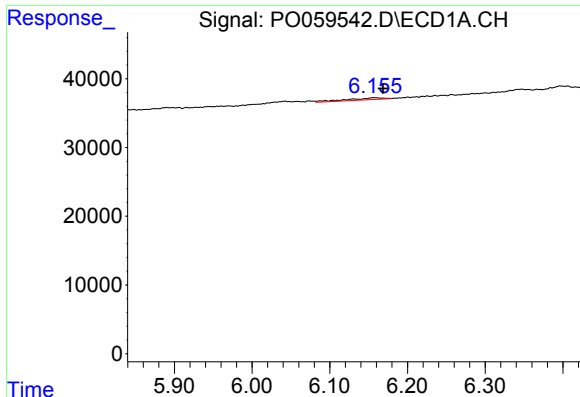
#23 AR-1248-3

R.T.: 5.762 min
Delta R.T.: -0.006 min
Response: 1042
Conc: 0.63 ng/ml



#23 AR-1248-3

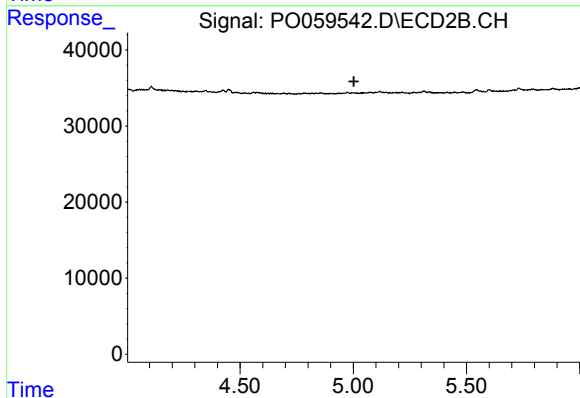
R.T.: 0.000 min
Exp R.T. : 4.835 min
Response: 0
Conc: N.D.



#24 AR-1248-4

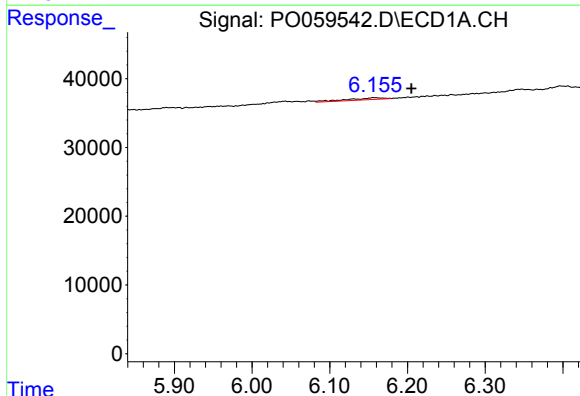
R.T.: 6.156 min
Delta R.T.: -0.012 min
Response: 9016
Conc: 4.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



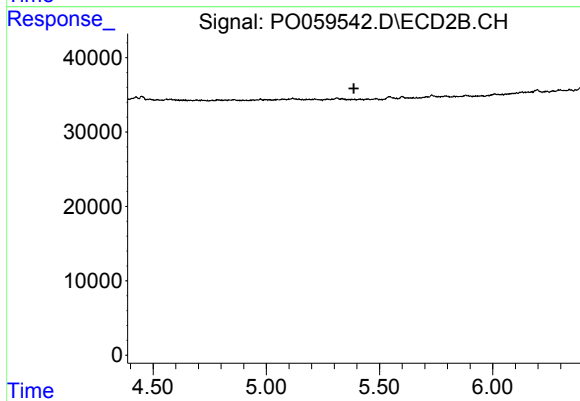
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.003 min
Response: 0
Conc: N.D.



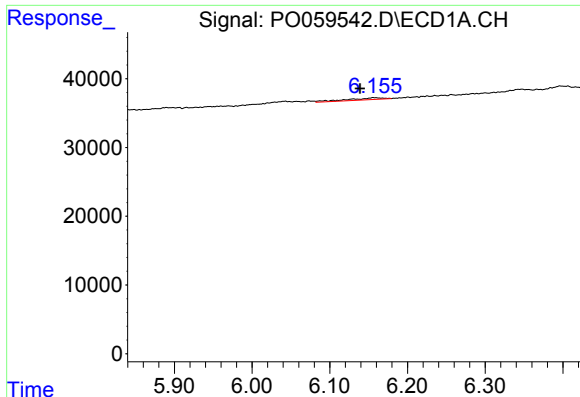
#25 AR-1248-5

R.T.: 6.156 min
Delta R.T.: -0.049 min
Response: 9016
Conc: 4.55 ng/ml



#25 AR-1248-5

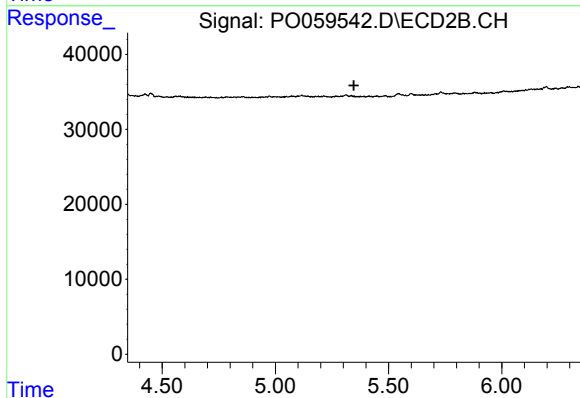
R.T.: 0.000 min
Exp R.T. : 5.387 min
Response: 0
Conc: N.D.



#26 AR-1254-1

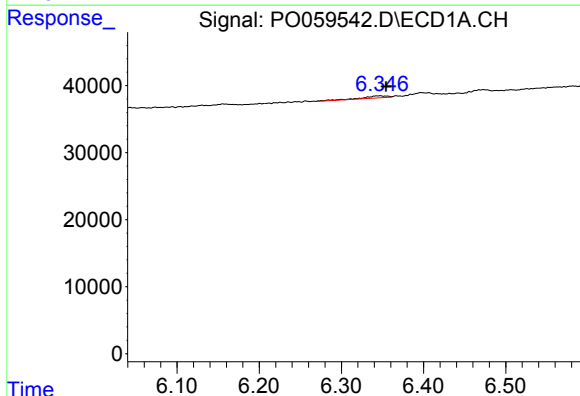
R.T.: 6.156 min
Delta R.T.: 0.017 min
Response: 9016
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



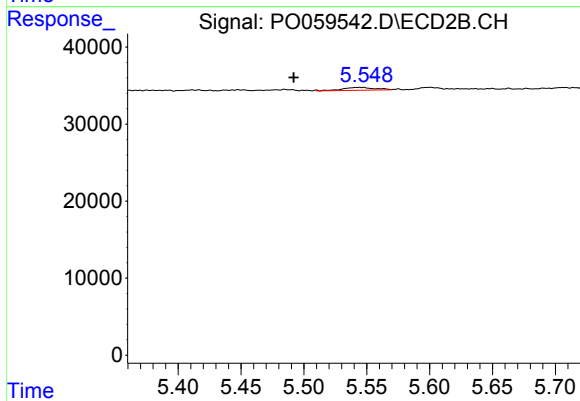
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.346 min
Response: 0
Conc: N.D.



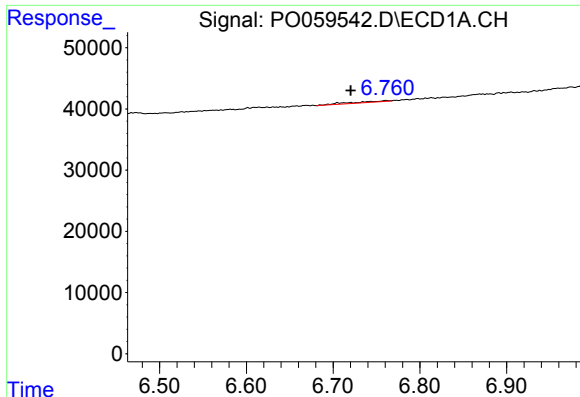
#27 AR-1254-2

R.T.: 6.347 min
Delta R.T.: -0.007 min
Response: 7231
Conc: 2.17 ng/ml



#27 AR-1254-2

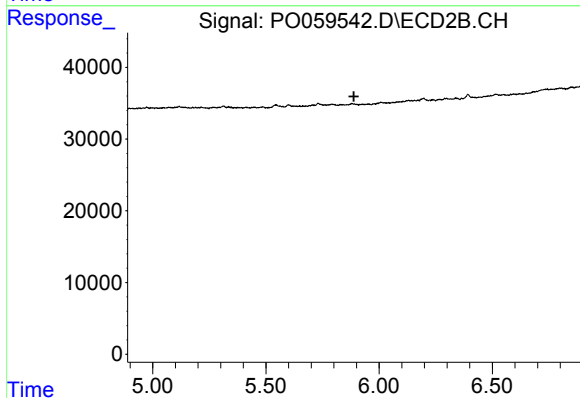
R.T.: 5.544 min
Delta R.T.: 0.052 min
Response: 6709
Conc: 3.20 ng/ml



#28 AR-1254-3

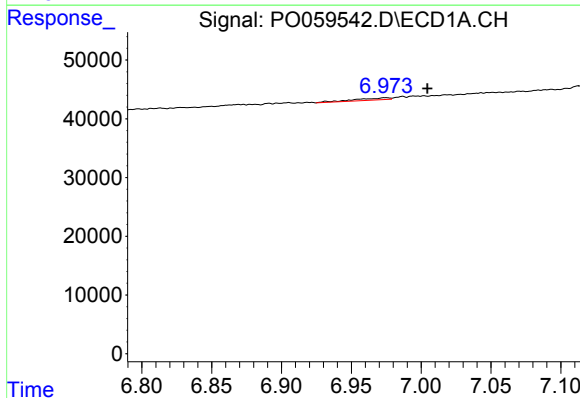
R.T.: 6.761 min
Delta R.T.: 0.041 min
Response: 6349
Conc: 1.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



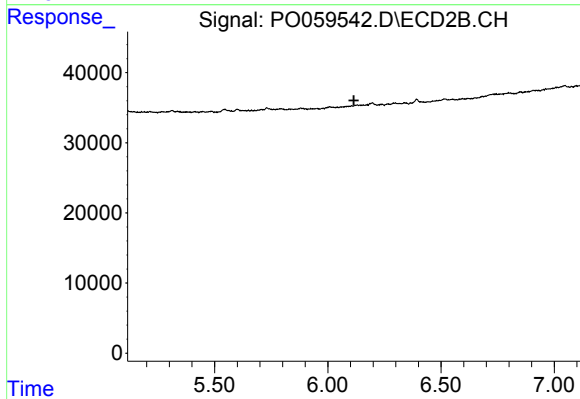
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.889 min
Response: 0
Conc: N.D.



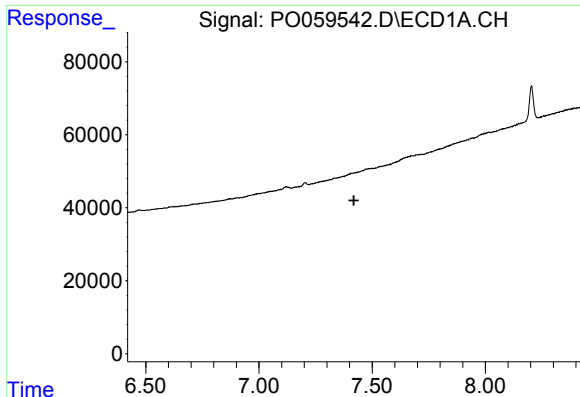
#29 AR-1254-4

R.T.: 6.974 min
Delta R.T.: -0.030 min
Response: 5798
Conc: 1.97 ng/ml



#29 AR-1254-4

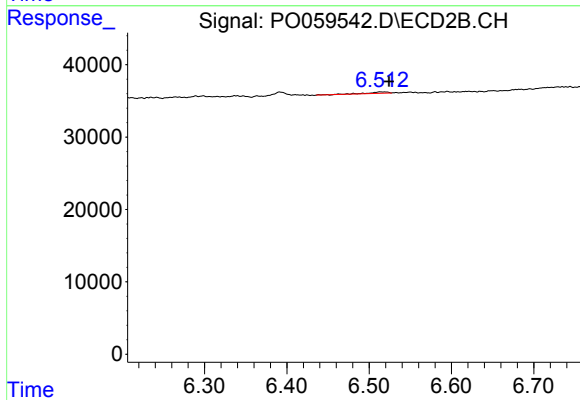
R.T.: 0.000 min
Exp R.T. : 6.115 min
Response: 0
Conc: N.D.



#30 AR-1254-5

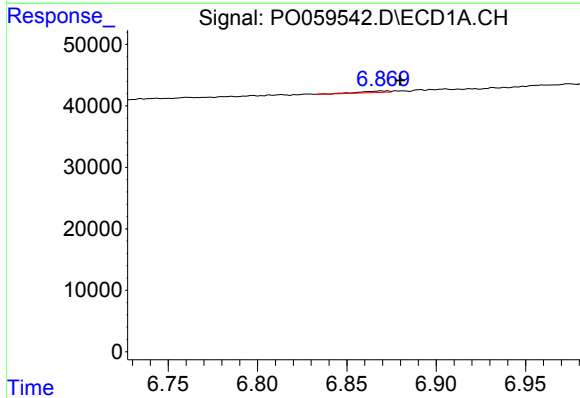
R.T.: 0.000 min
Exp R.T.: 7.419 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-13



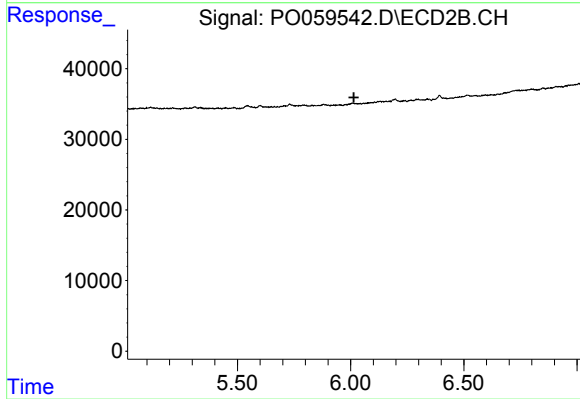
#30 AR-1254-5

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 2992
Conc: 0.96 ng/ml



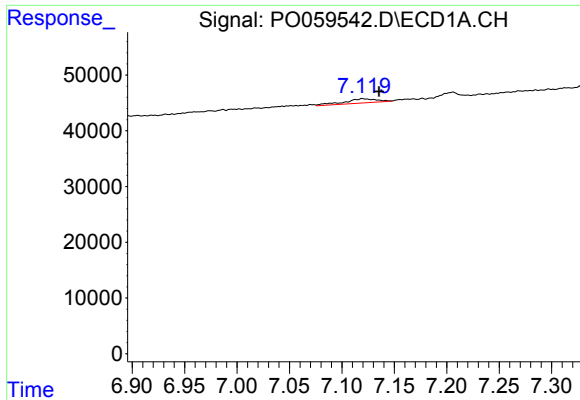
#31 AR-1260-1

R.T.: 6.870 min
Delta R.T.: -0.010 min
Response: 2933
Conc: 1.09 ng/ml



#31 AR-1260-1

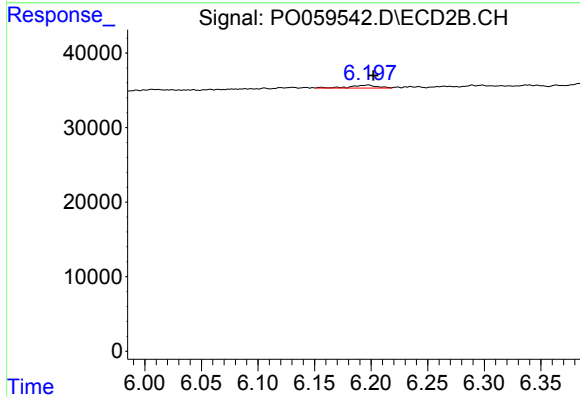
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.



#32 AR-1260-2

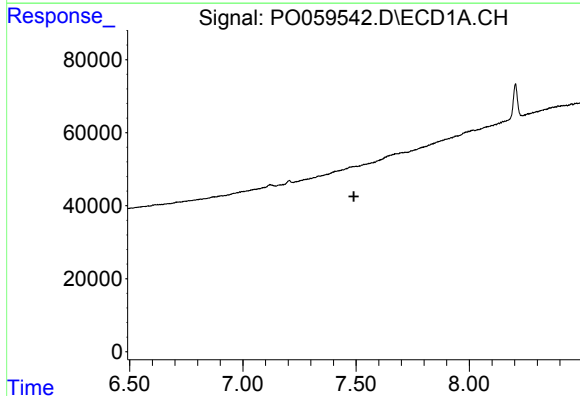
R.T.: 7.120 min
Delta R.T.: -0.016 min
Response: 16706
Conc: 4.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



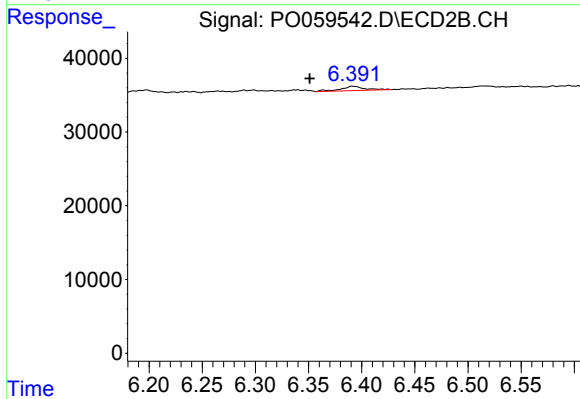
#32 AR-1260-2

R.T.: 6.198 min
Delta R.T.: -0.005 min
Response: 6552
Conc: 2.24 ng/ml



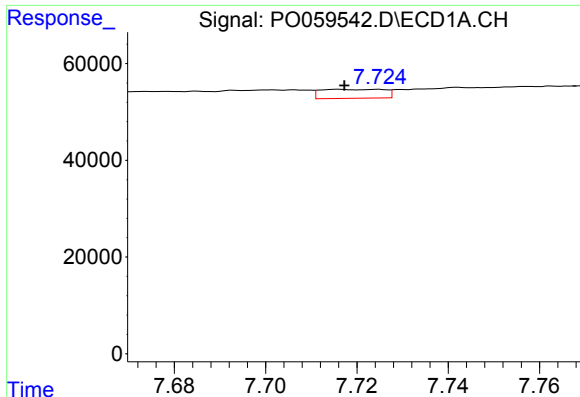
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.490 min
Response: 0
Conc: N.D.



#33 AR-1260-3

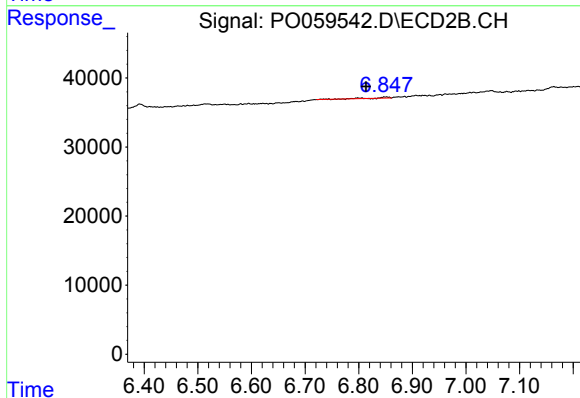
R.T.: 6.392 min
Delta R.T.: 0.040 min
Response: 9490
Conc: 3.58 ng/ml



#34 AR-1260-4

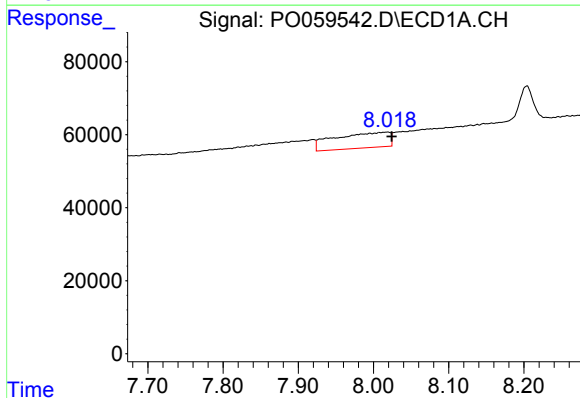
R.T.: 7.716 min
Delta R.T.: -0.001 min
Response: 17813
Conc: 5.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



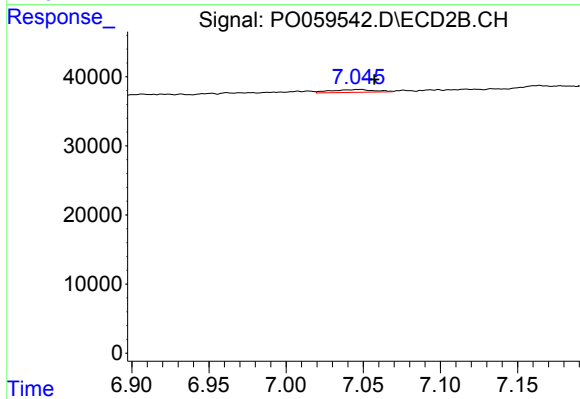
#34 AR-1260-4

R.T.: 6.848 min
Delta R.T.: 0.034 min
Response: 3037
Conc: 1.34 ng/ml



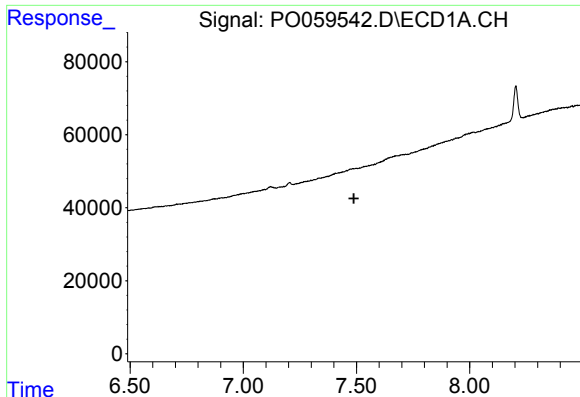
#35 AR-1260-5

R.T.: 8.019 min
Delta R.T.: -0.006 min
Response: 214600
Conc: 30.31 ng/ml



#35 AR-1260-5

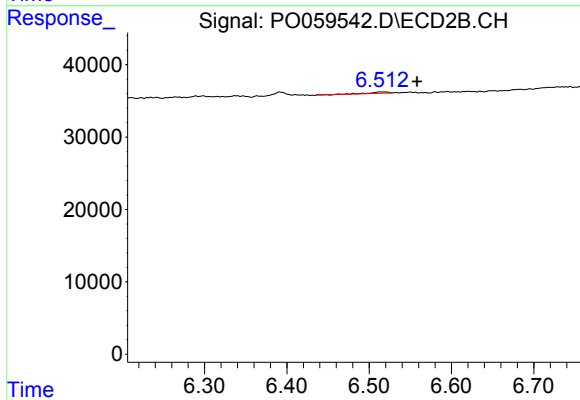
R.T.: 7.048 min
Delta R.T.: -0.010 min
Response: 7868
Conc: 1.43 ng/ml



#36 AR-1262-1

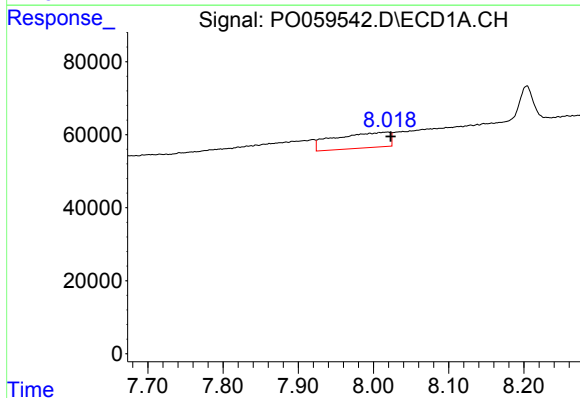
R.T.: 0.000 min
Exp R.T.: 7.489 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-13



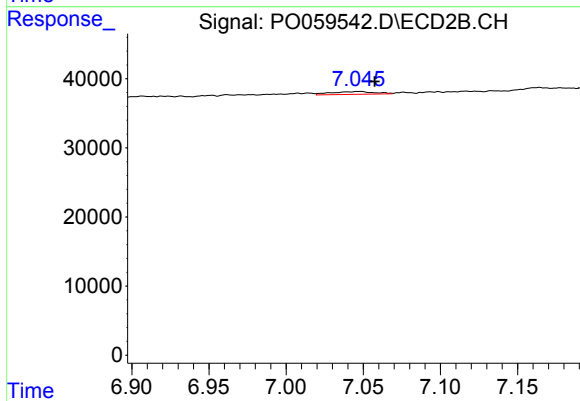
#36 AR-1262-1

R.T.: 6.513 min
Delta R.T.: -0.045 min
Response: 2992
Conc: 0.80 ng/ml



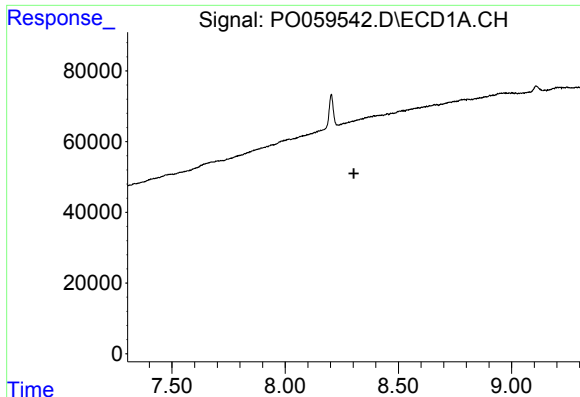
#37 AR-1262-2

R.T.: 8.019 min
Delta R.T.: -0.005 min
Response: 214600
Conc: 27.81 ng/ml



#37 AR-1262-2

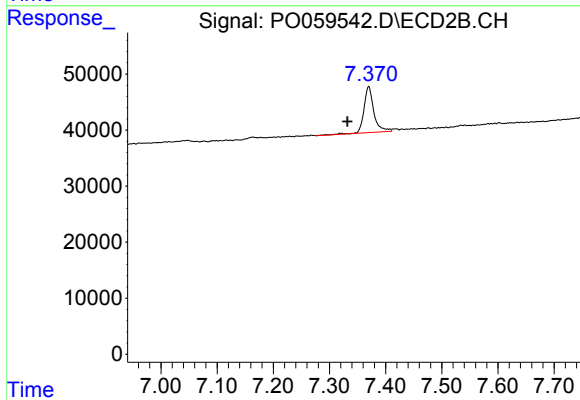
R.T.: 7.048 min
Delta R.T.: -0.010 min
Response: 7868
Conc: 1.34 ng/ml



#38 AR-1262-3

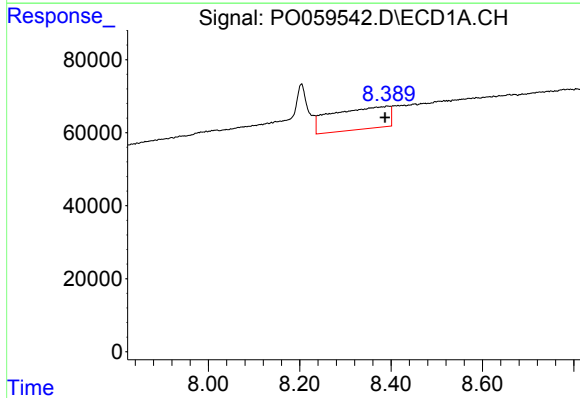
R.T.: 0.000 min
Exp R.T.: 8.303 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-13



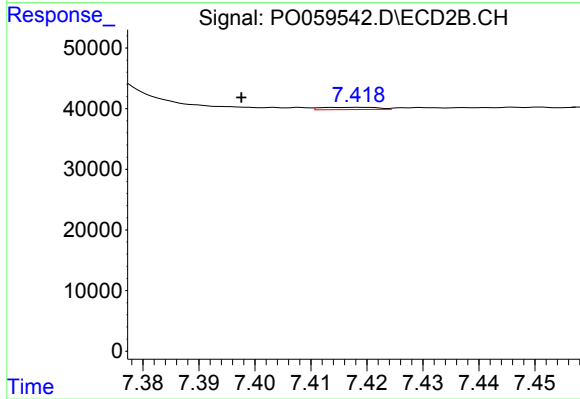
#38 AR-1262-3

R.T.: 7.370 min
Delta R.T.: 0.038 min
Response: 100773
Conc: 39.66 ng/ml



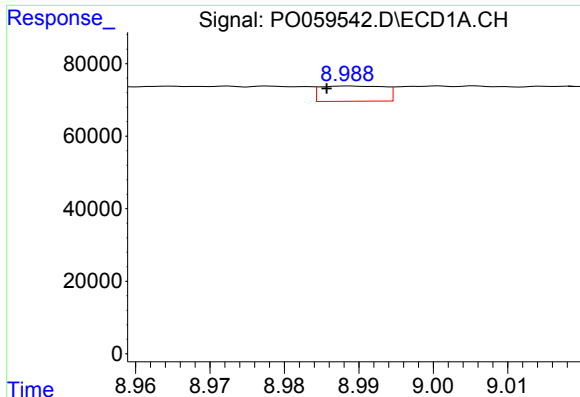
#39 AR-1262-4

R.T.: 8.391 min
Delta R.T.: 0.005 min
Response: 526676
Conc: 136.63 ng/ml



#39 AR-1262-4

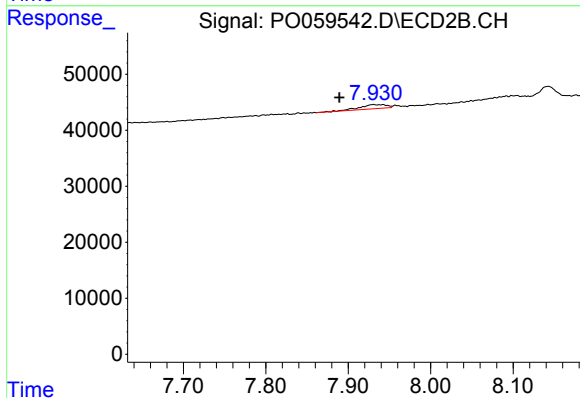
R.T.: 7.419 min
Delta R.T.: 0.021 min
Response: 2703
Conc: 0.61 ng/ml



#40 AR-1262-5

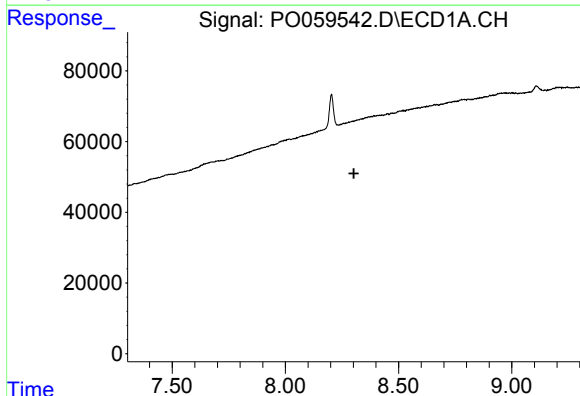
R.T.: 8.989 min
Delta R.T.: 0.003 min
Response: 25102
Conc: 9.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



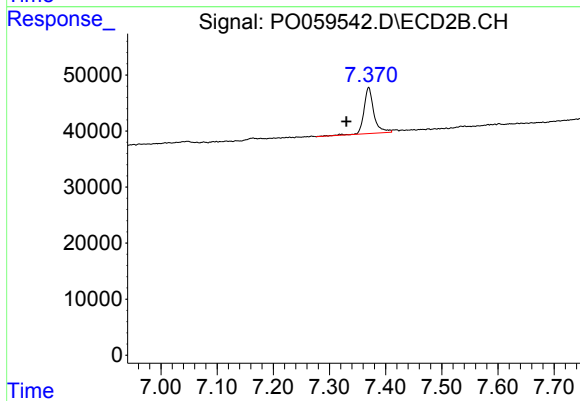
#40 AR-1262-5

R.T.: 7.931 min
Delta R.T.: 0.041 min
Response: 16485
Conc: 9.13 ng/ml



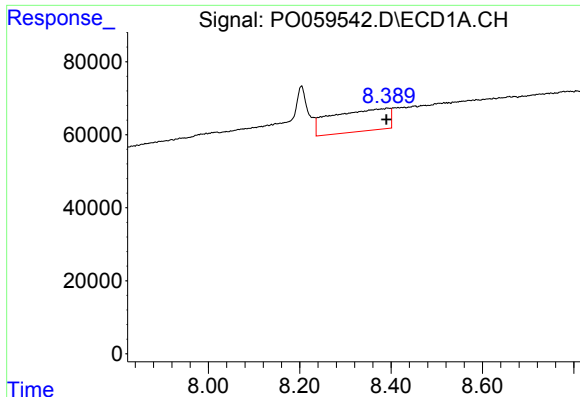
#41 AR-1268-1

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



#41 AR-1268-1

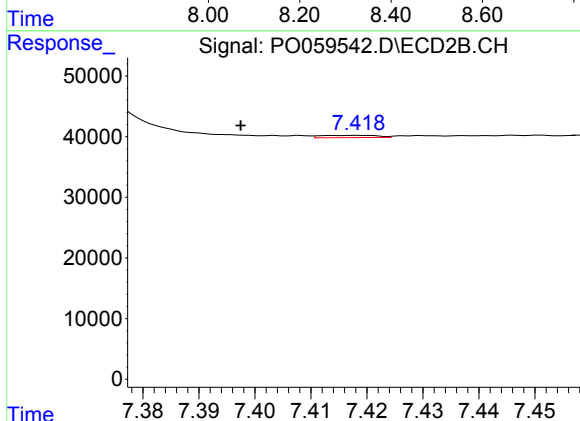
R.T.: 7.370 min
Delta R.T.: 0.039 min
Response: 100773
Conc: 14.15 ng/ml



#42 AR-1268-2

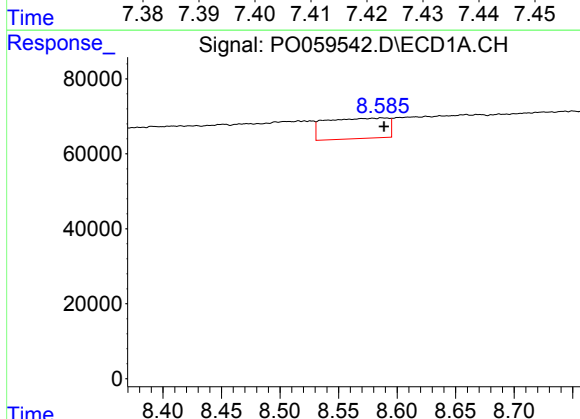
R.T.: 8.391 min
Delta R.T.: 0.001 min
Response: 526676
Conc: 66.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



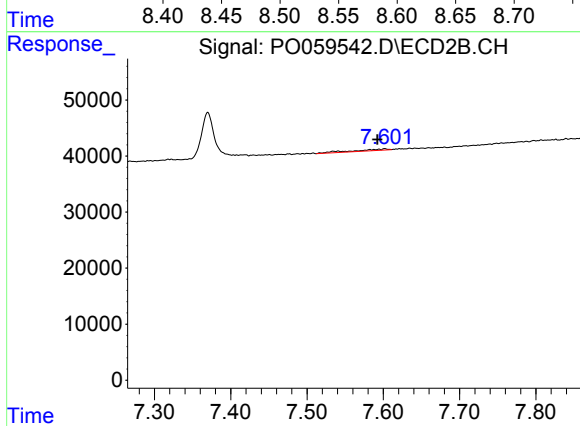
#42 AR-1268-2

R.T.: 7.419 min
Delta R.T.: 0.021 min
Response: 2703
Conc: 0.42 ng/ml



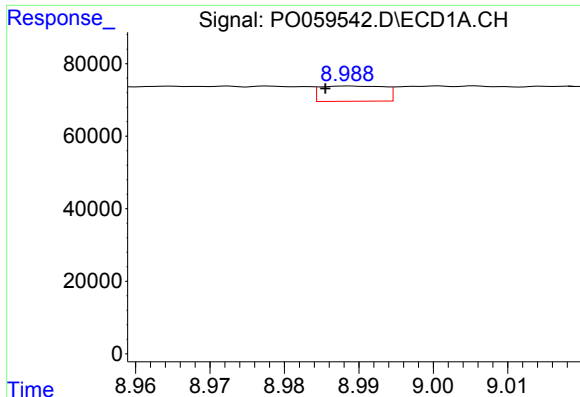
#43 AR-1268-3

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 203055
Conc: 28.81 ng/ml



#43 AR-1268-3

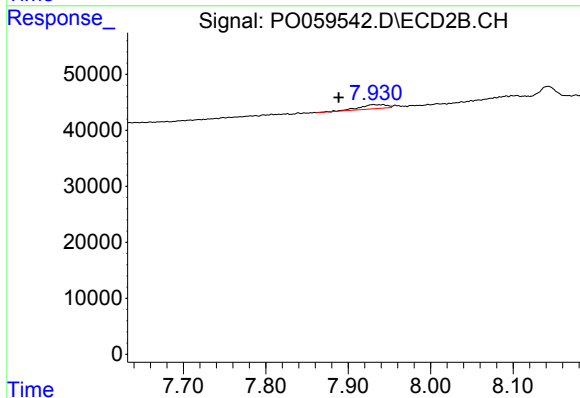
R.T.: 7.602 min
Delta R.T.: 0.009 min
Response: 8450
Conc: 1.54 ng/ml



#44 AR-1268-4

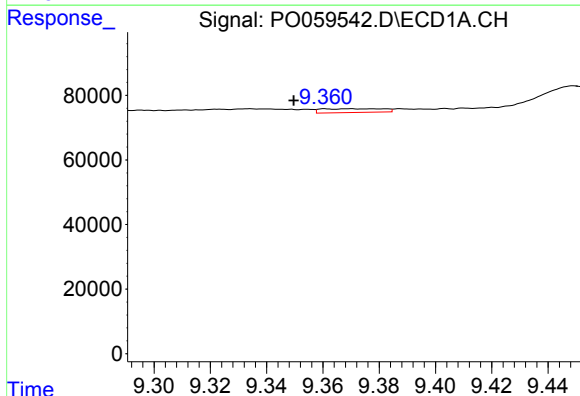
R.T.: 8.989 min
Delta R.T.: 0.004 min
Response: 25102
Conc: 9.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-13



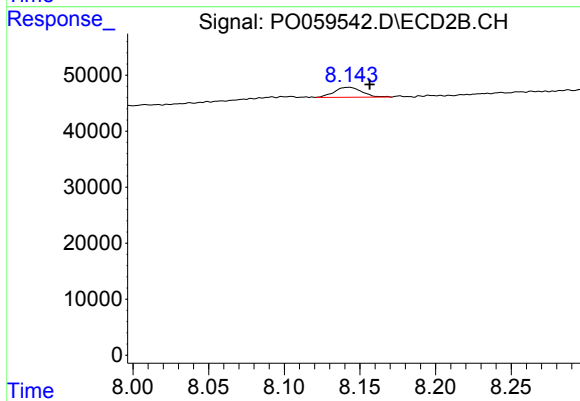
#44 AR-1268-4

R.T.: 7.931 min
Delta R.T.: 0.042 min
Response: 16485
Conc: 8.08 ng/ml



#45 AR-1268-5

R.T.: 9.361 min
Delta R.T.: 0.011 min
Response: 17763
Conc: 0.96 ng/ml



#45 AR-1268-5

R.T.: 8.142 min
Delta R.T.: -0.014 min
Response: 22542
Conc: 1.55 ng/ml