

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
 Data File : P0059201.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Aug 2019 22:10
 Operator : SM/SJ
 Sample : K4237-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SB-05(13-14)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 01:13:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.150	3.513	1013020	854274	24.004	21.384
2)	SA Decachlor...	9.656	8.387	953305	725757	17.603	18.386
Target Compounds							
3)	L1 AR-1016-1	5.329	0.000	2261	0	1.206	N.D. #
4)	L1 AR-1016-2	5.375	0.000	2033	0	0.739	N.D. #
5)	L1 AR-1016-3	5.421	0.000	4467	0	2.631	N.D. #
6)	L1 AR-1016-4	5.578	0.000	3518	0	2.514	N.D. #
7)	L1 AR-1016-5	5.828	0.000	1840	0	1.285	N.D. #
8)	L2 AR-1221-1	4.451	0.000	13832	0	30.449	N.D. #
9)	L2 AR-1221-2	4.451	0.000	13832	0	40.119	N.D. #
10)	L2 AR-1221-3	4.569	0.000	8189	0	7.468	N.D. #
11)	L3 AR-1232-1	4.569	0.000	8189	0	9.071	N.D. #
12)	L3 AR-1232-2	5.045	0.000	933	0	1.896	N.D. #
13)	L3 AR-1232-3	5.375	0.000	2033	0	1.898	N.D. #
14)	L3 AR-1232-4	5.578	0.000	3518	0	6.599	N.D. #
15)	L3 AR-1232-5	5.578	0.000	3518	0	8.622	N.D. #
16)	L4 AR-1242-1	5.329	0.000	2261	0	1.765	N.D. #
17)	L4 AR-1242-2	5.375	0.000	2033	0	1.074	N.D. #
18)	L4 AR-1242-3	5.421	0.000	4467	0	3.808	N.D. #
19)	L4 AR-1242-4	5.578	0.000	3518	0	3.661	N.D. #
20)	L4 AR-1242-5	6.278	0.000	8176	0	6.961	N.D. #
21)	L5 AR-1248-1	5.329	0.000	2261	0	2.236	N.D. #
22)	L5 AR-1248-2	5.578	0.000	3518	0	2.434	N.D. #
23)	L5 AR-1248-3	5.828	0.000	1840	0	1.120	N.D. #
24)	L5 AR-1248-4	6.153	0.000	12067	0	5.958	N.D. #
25)	L5 AR-1248-5	6.278	0.000	8176	0	4.235	N.D. #
26)	L6 AR-1254-1	6.153	0.000	12067	0	5.110	N.D. #
27)	L6 AR-1254-2	6.373	0.000	1327	0	0.344	N.D. #
28)	L6 AR-1254-3	6.730	0.000	5578	0	1.377	N.D. #
30)	L6 AR-1254-5	7.500	0.000	9876	0	2.725	N.D. #
31)	L7 AR-1260-1	6.898	0.000	10347	0	3.594	N.D. #
32)	L7 AR-1260-2	7.147	0.000	19505	0	4.689	N.D. #
33)	L7 AR-1260-3	7.500	0.000	9876	0	2.652	N.D. #
35)	L7 AR-1260-5	8.050	0.000	4580	0	0.623	N.D. #
36)	L8 AR-1262-1	7.500	0.000	9876	0	1.959	N.D. #
37)	L8 AR-1262-2	8.050	0.000	4580	0	0.575	N.D. #
38)	L8 AR-1262-3	8.331	0.000	6815	0	1.341	N.D. #
39)	L8 AR-1262-4	8.428	0.000	17168	0	4.530	N.D. #
40)	L8 AR-1262-5	8.999	0.000	6877	0	2.993	N.D. #
41)	L9 AR-1268-1	8.331	0.000	6815	0	0.610	N.D. #
42)	L9 AR-1268-2	8.428	0.000	17168	0	1.828	N.D. #
43)	L9 AR-1268-3	8.614	0.000	9737	0	1.179	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
Data File : P0059201.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Aug 2019 22:10
Operator : SM/SJ
Sample : K4237-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

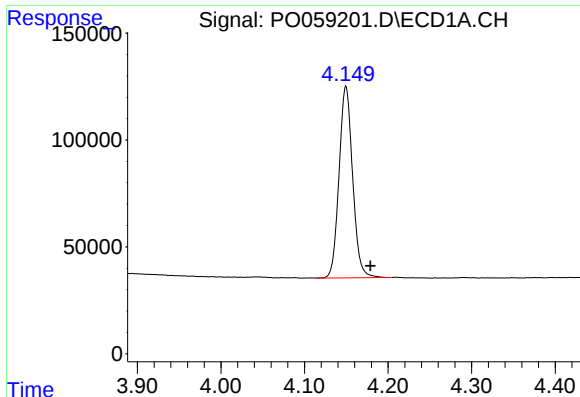
Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:13:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	8.999	0.000	6877	0	2.301	N.D. #
45)	L9 AR-1268-5	9.367	0.000	22662	0	1.056	N.D. #

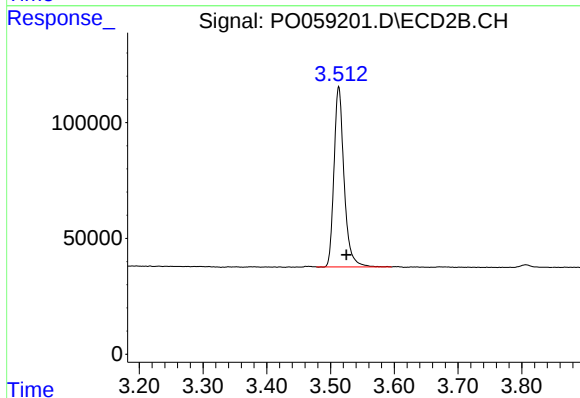
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

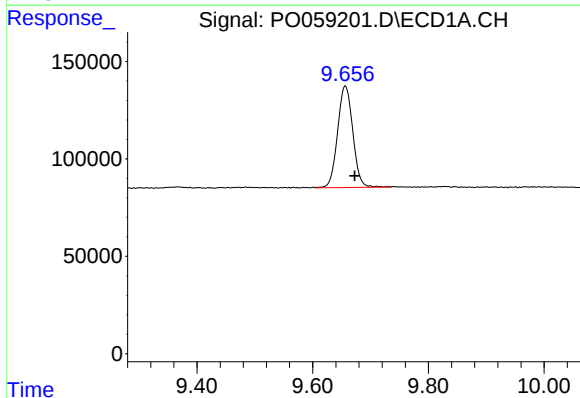
R.T.: 4.150 min
Delta R.T.: -0.029 min
Response: 1013020
Conc: 24.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



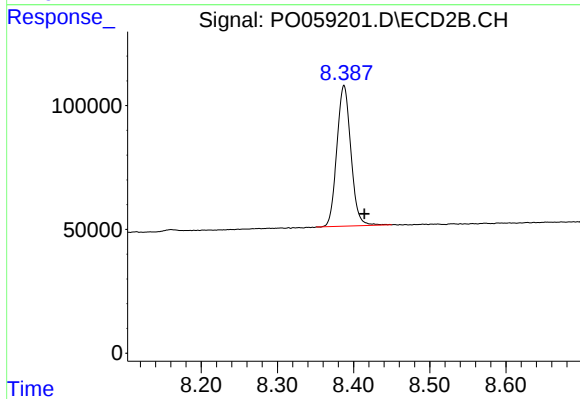
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: -0.012 min
Response: 854274
Conc: 21.38 ng/ml



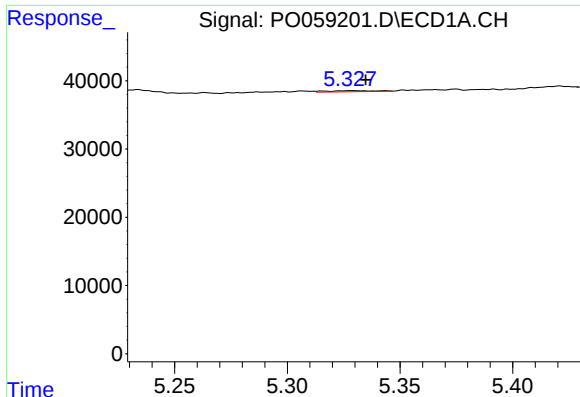
#2 Decachlorobiphenyl

R.T.: 9.656 min
Delta R.T.: -0.016 min
Response: 953305
Conc: 17.60 ng/ml



#2 Decachlorobiphenyl

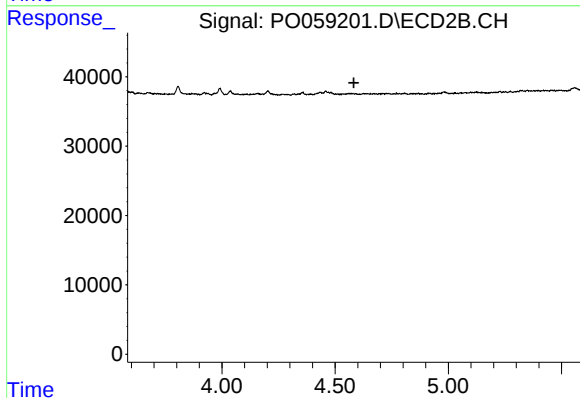
R.T.: 8.387 min
Delta R.T.: -0.027 min
Response: 725757
Conc: 18.39 ng/ml



#3 AR-1016-1

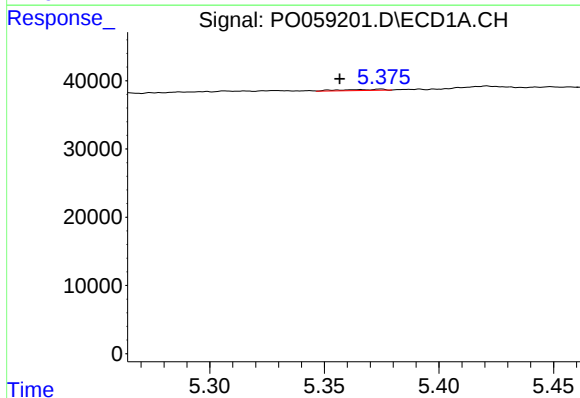
R.T.: 5.329 min
Delta R.T.: -0.006 min
Response: 2261
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



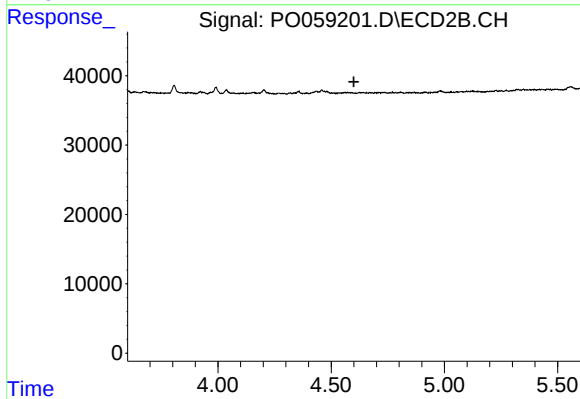
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



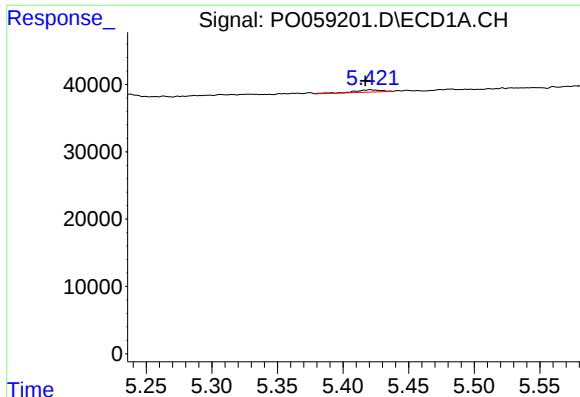
#4 AR-1016-2

R.T.: 5.375 min
Delta R.T.: 0.018 min
Response: 2033
Conc: 0.74 ng/ml



#4 AR-1016-2

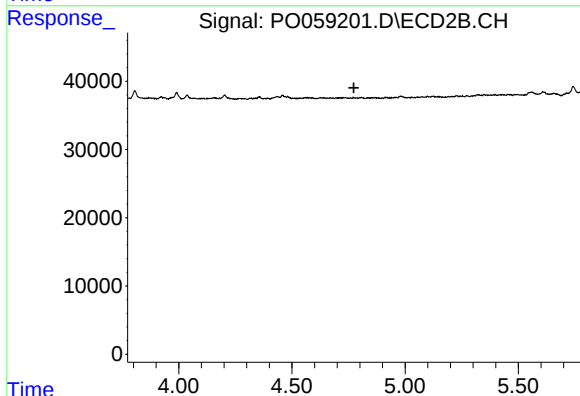
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

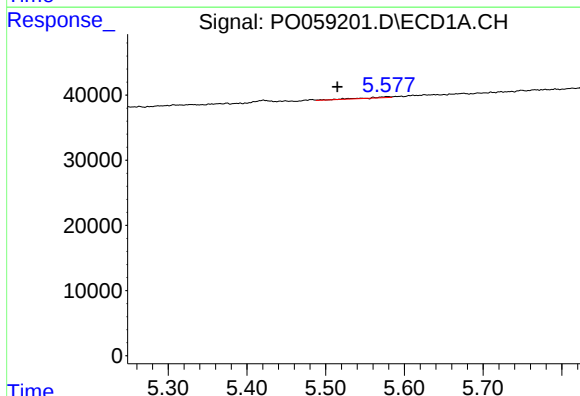
R.T.: 5.421 min
Delta R.T.: 0.004 min
Response: 4467
Conc: 2.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



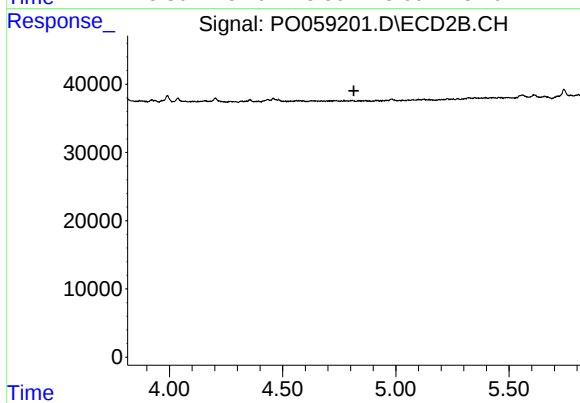
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



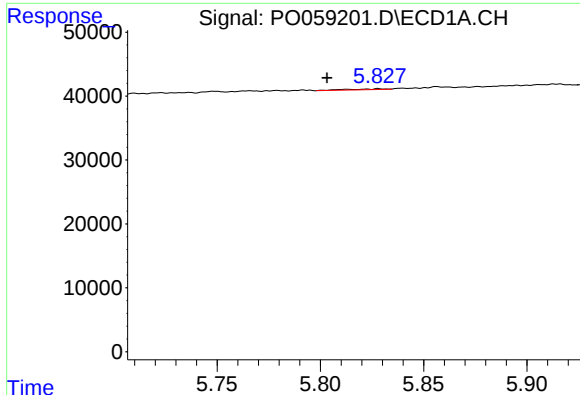
#6 AR-1016-4

R.T.: 5.578 min
Delta R.T.: 0.063 min
Response: 3518
Conc: 2.51 ng/ml



#6 AR-1016-4

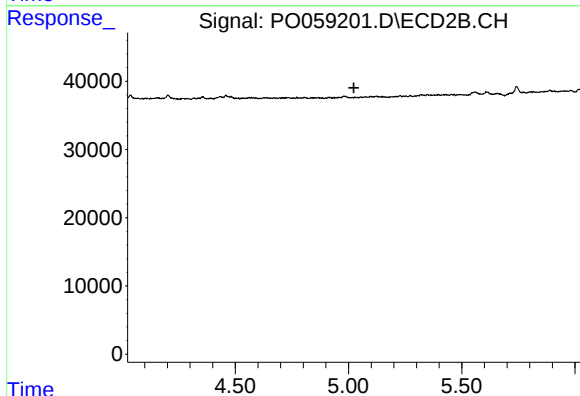
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

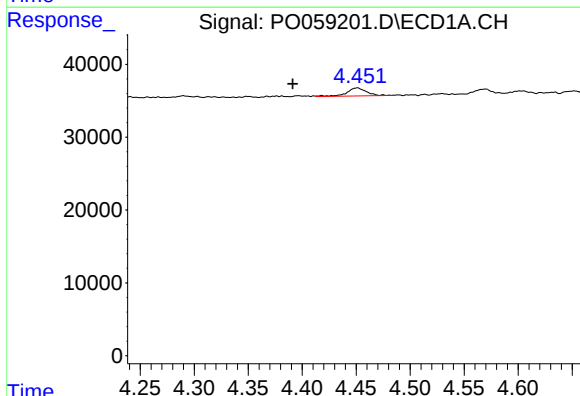
R.T.: 5.828 min
Delta R.T.: 0.025 min
Response: 1840
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



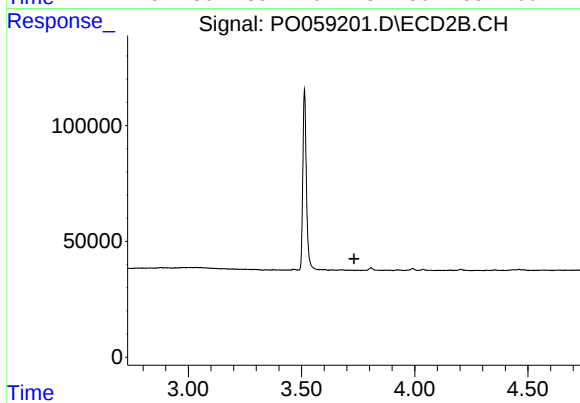
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



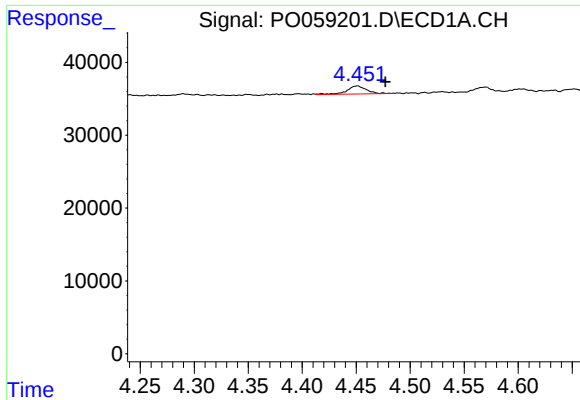
#8 AR-1221-1

R.T.: 4.451 min
Delta R.T.: 0.060 min
Response: 13832
Conc: 30.45 ng/ml



#8 AR-1221-1

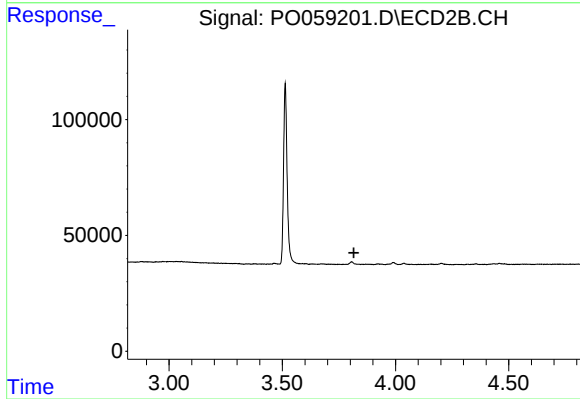
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

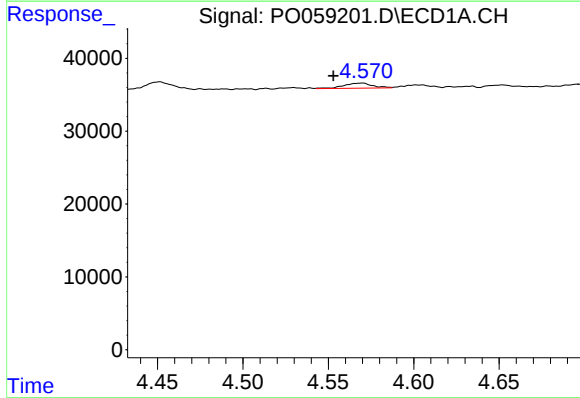
R.T.: 4.451 min
Delta R.T.: -0.026 min
Response: 13832
Conc: 40.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



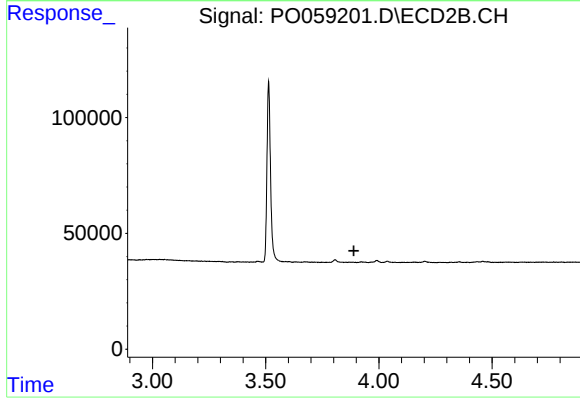
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



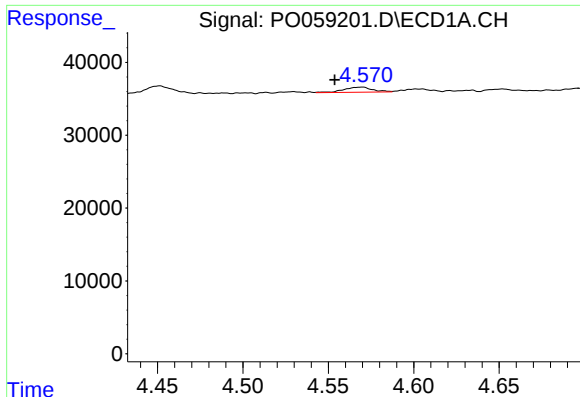
#10 AR-1221-3

R.T.: 4.569 min
Delta R.T.: 0.016 min
Response: 8189
Conc: 7.47 ng/ml



#10 AR-1221-3

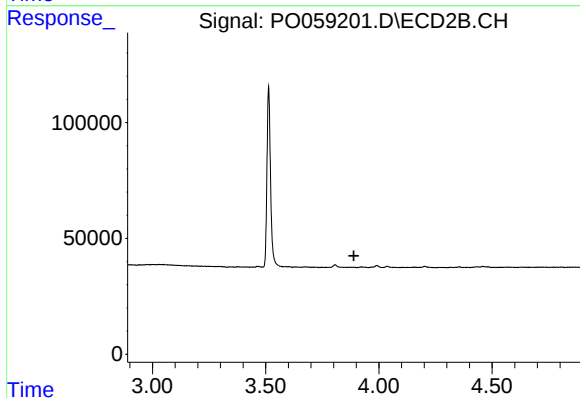
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#11 AR-1232-1

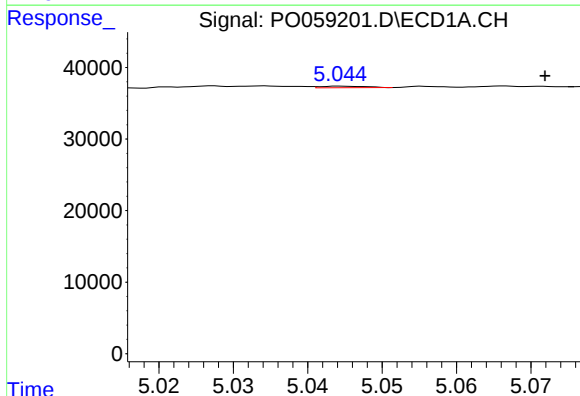
R.T.: 4.569 min
Delta R.T.: 0.016 min
Response: 8189
Conc: 9.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



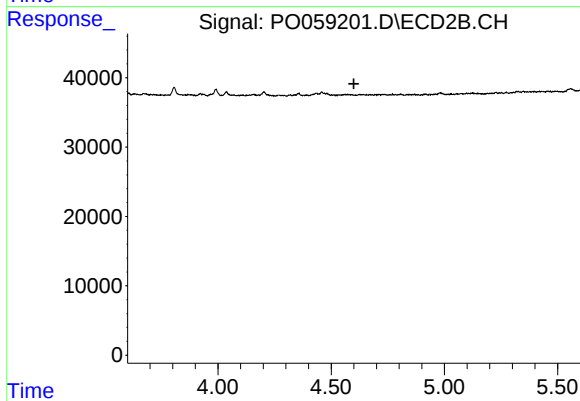
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



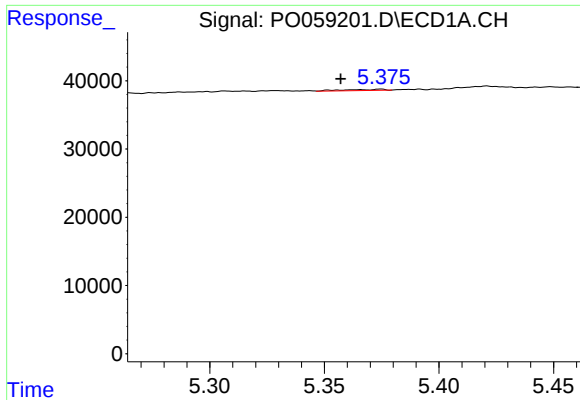
#12 AR-1232-2

R.T.: 5.045 min
Delta R.T.: -0.027 min
Response: 933
Conc: 1.90 ng/ml



#12 AR-1232-2

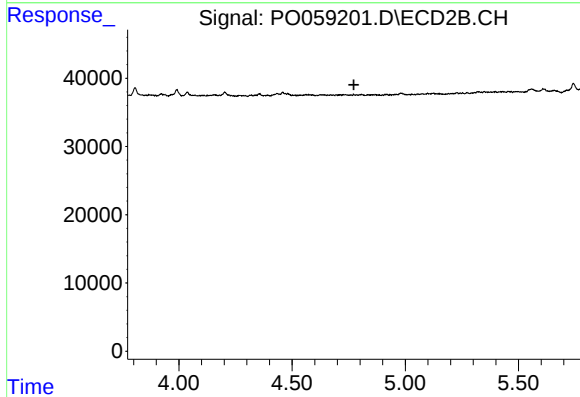
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

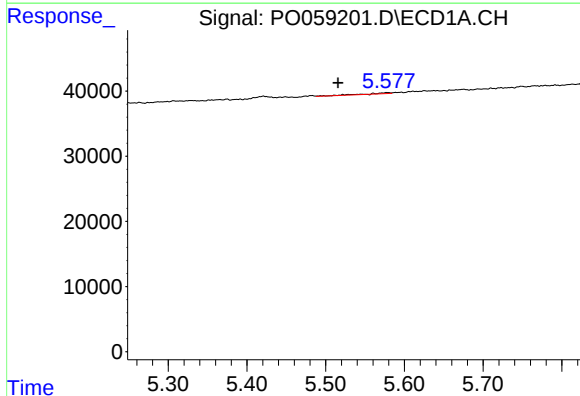
R.T.: 5.375 min
Delta R.T.: 0.017 min
Response: 2033
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



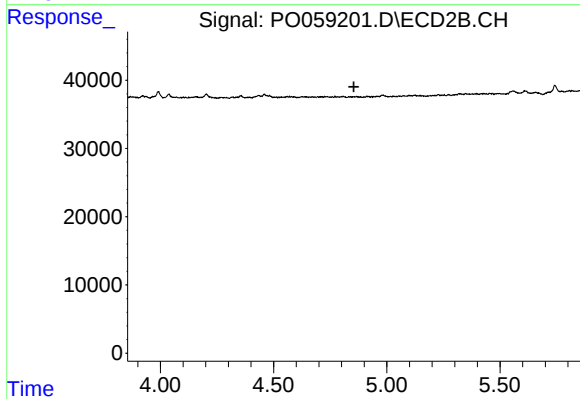
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



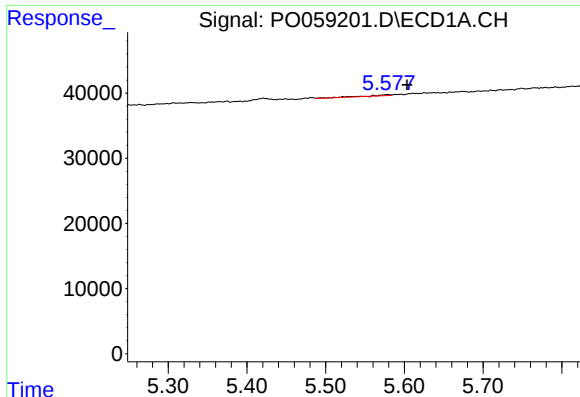
#14 AR-1232-4

R.T.: 5.578 min
Delta R.T.: 0.062 min
Response: 3518
Conc: 6.60 ng/ml



#14 AR-1232-4

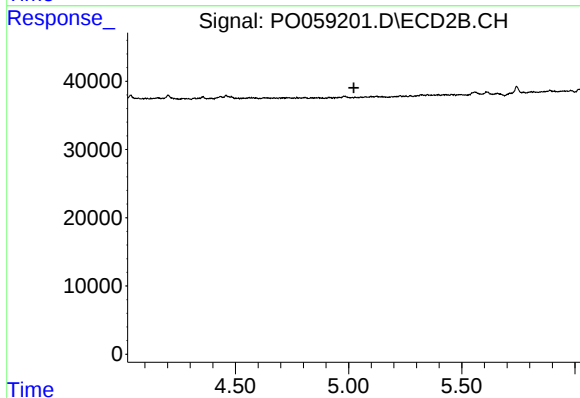
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

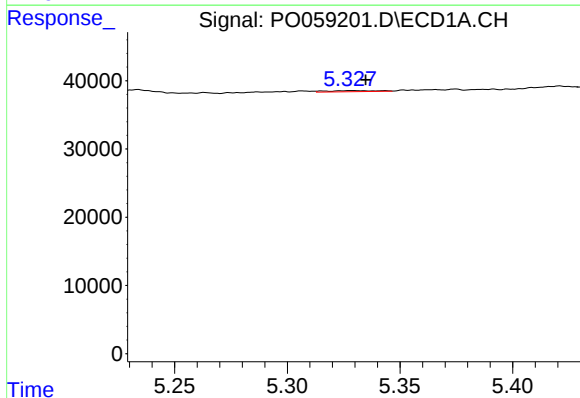
R.T.: 5.578 min
Delta R.T.: -0.025 min
Response: 3518
Conc: 8.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



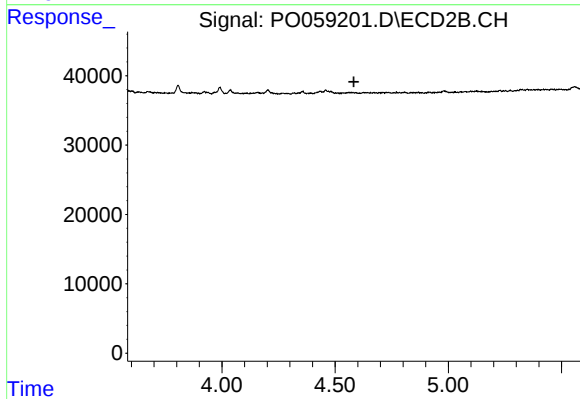
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



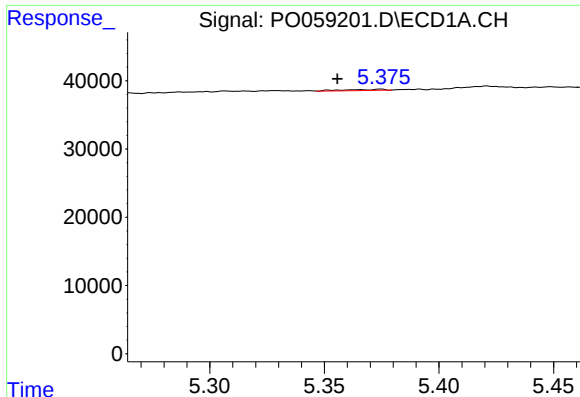
#16 AR-1242-1

R.T.: 5.329 min
Delta R.T.: -0.006 min
Response: 2261
Conc: 1.77 ng/ml



#16 AR-1242-1

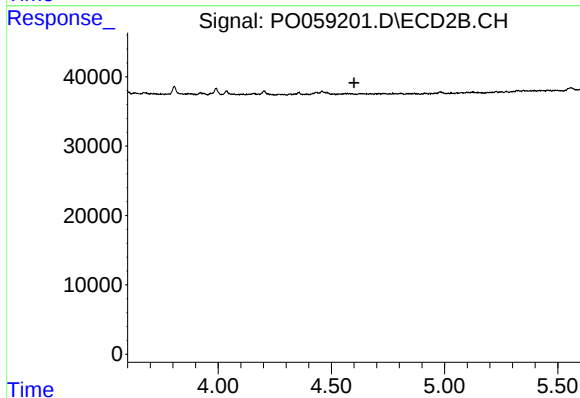
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

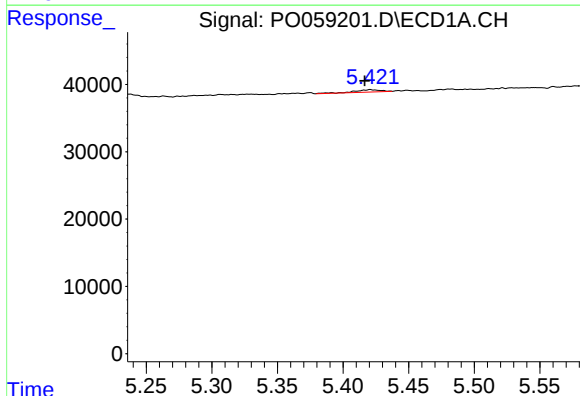
R.T.: 5.375 min
Delta R.T.: 0.019 min
Response: 2033
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



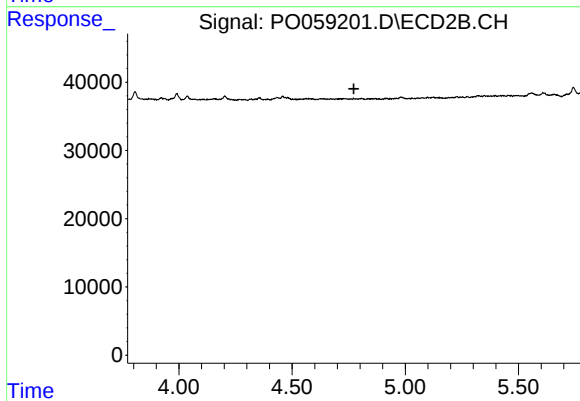
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



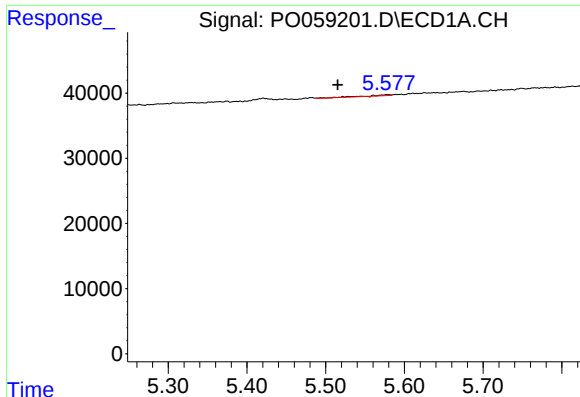
#18 AR-1242-3

R.T.: 5.421 min
Delta R.T.: 0.004 min
Response: 4467
Conc: 3.81 ng/ml



#18 AR-1242-3

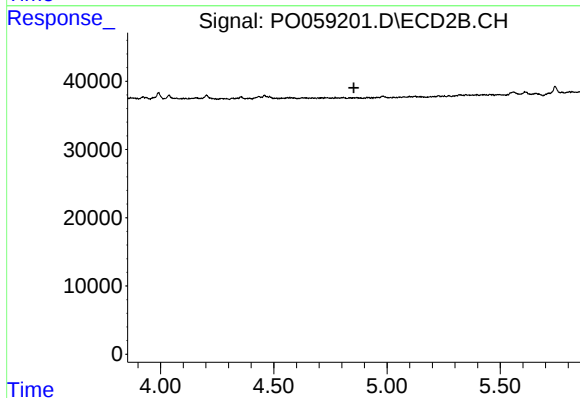
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

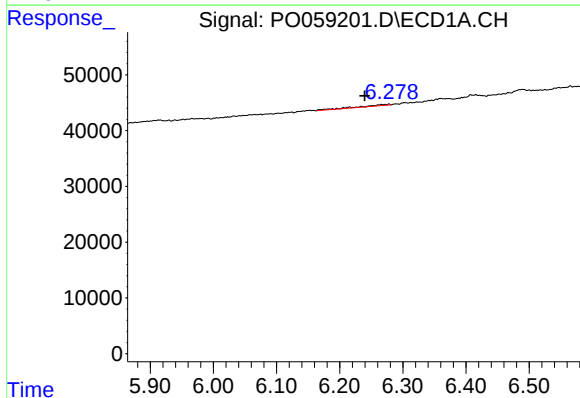
R.T.: 5.578 min
Delta R.T.: 0.063 min
Response: 3518
Conc: 3.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



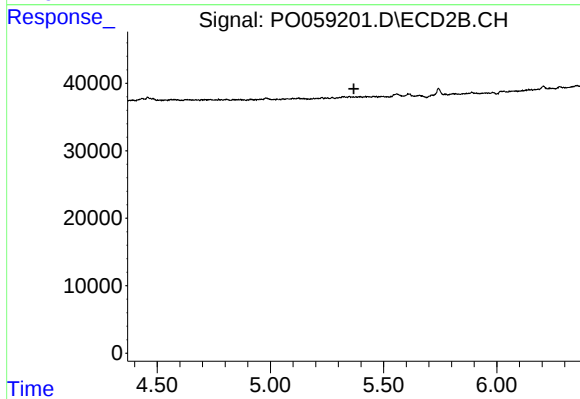
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



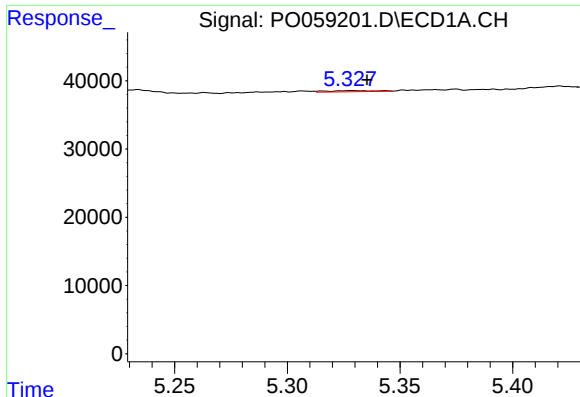
#20 AR-1242-5

R.T.: 6.278 min
Delta R.T.: 0.039 min
Response: 8176
Conc: 6.96 ng/ml



#20 AR-1242-5

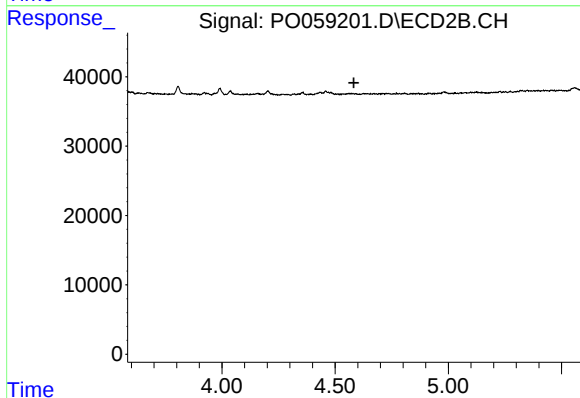
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

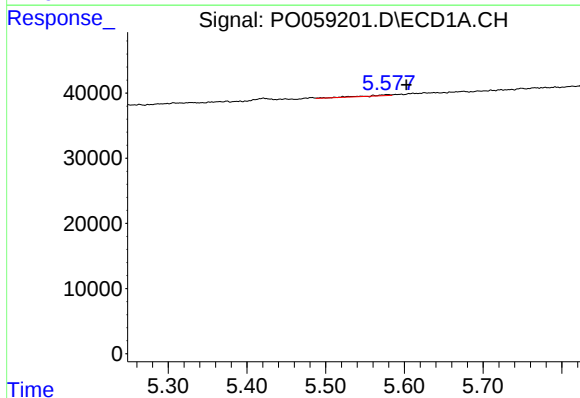
R.T.: 5.329 min
Delta R.T.: -0.006 min
Response: 2261
Conc: 2.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



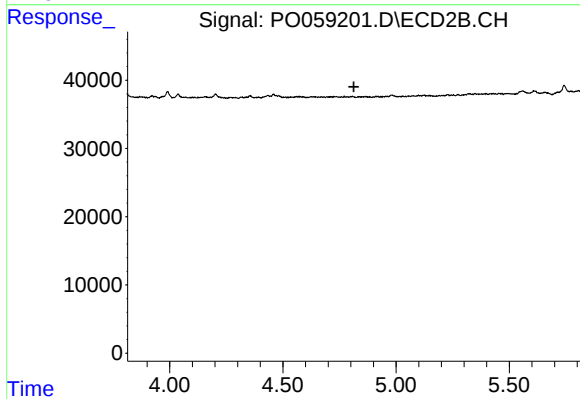
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



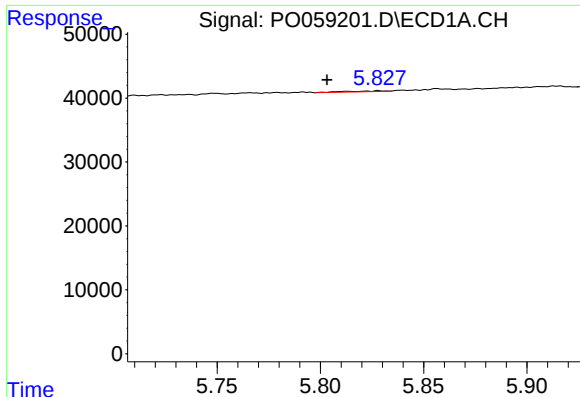
#22 AR-1248-2

R.T.: 5.578 min
Delta R.T.: -0.024 min
Response: 3518
Conc: 2.43 ng/ml



#22 AR-1248-2

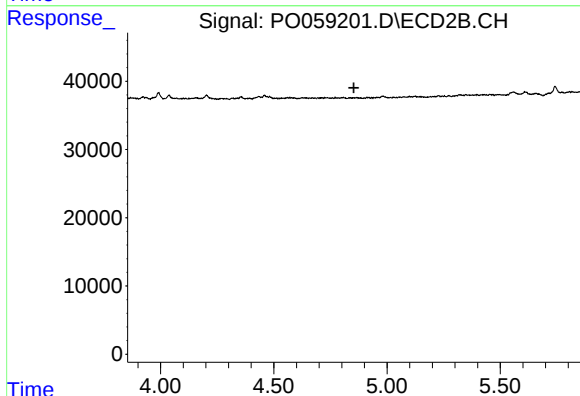
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#23 AR-1248-3

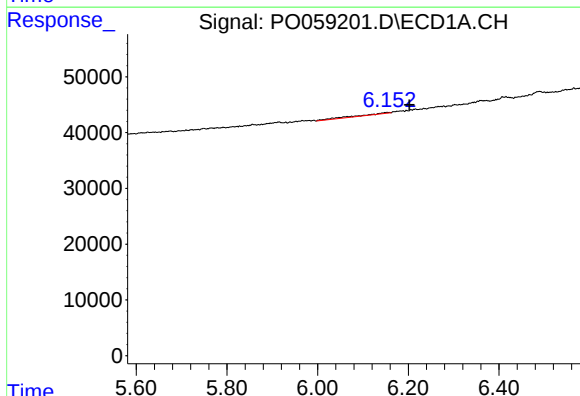
R.T.: 5.828 min
Delta R.T.: 0.025 min
Response: 1840
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



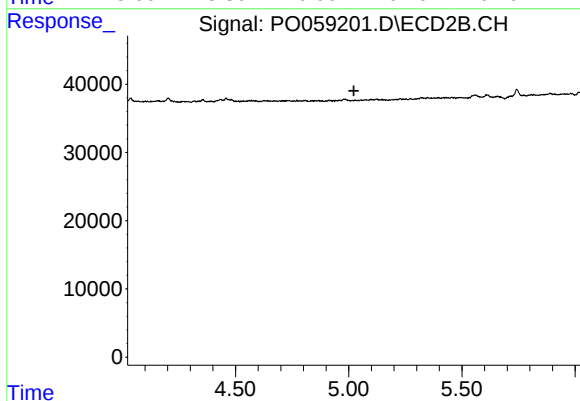
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



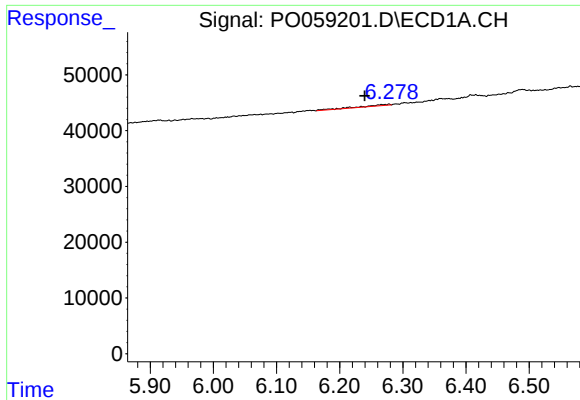
#24 AR-1248-4

R.T.: 6.153 min
Delta R.T.: -0.050 min
Response: 12067
Conc: 5.96 ng/ml



#24 AR-1248-4

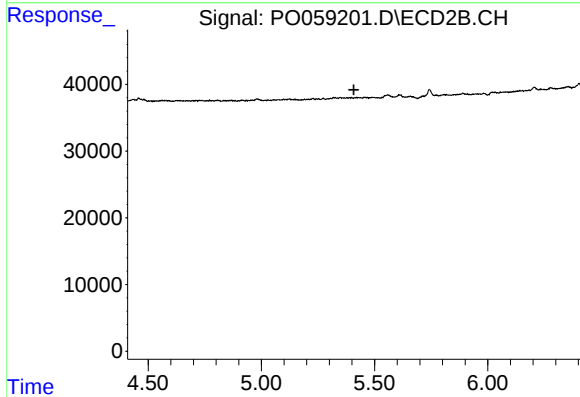
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

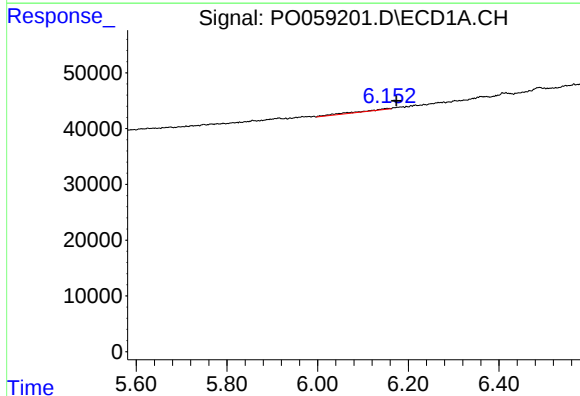
R.T.: 6.278 min
Delta R.T.: 0.039 min
Response: 8176
Conc: 4.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



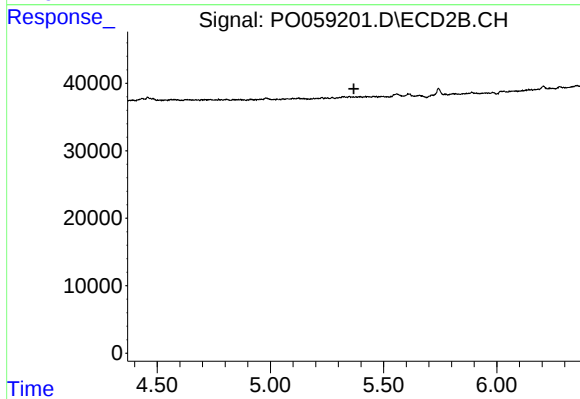
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



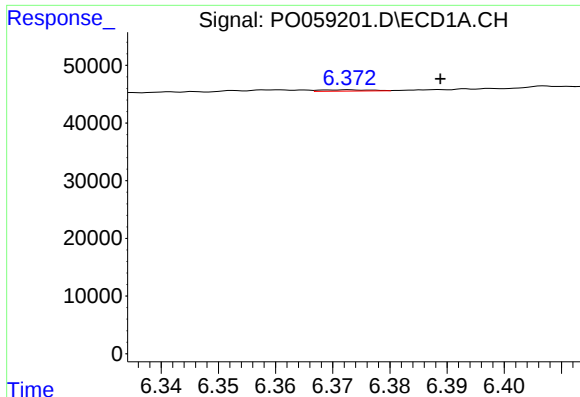
#26 AR-1254-1

R.T.: 6.153 min
Delta R.T.: -0.021 min
Response: 12067
Conc: 5.11 ng/ml



#26 AR-1254-1

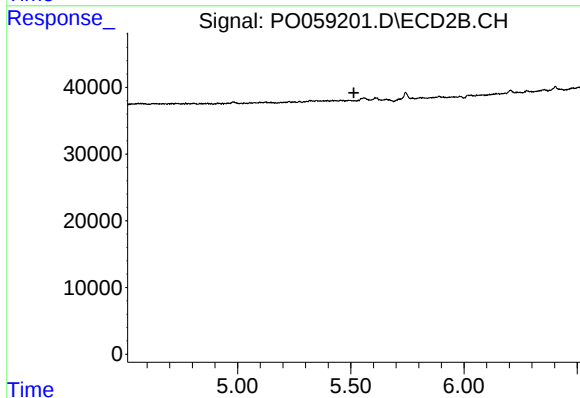
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

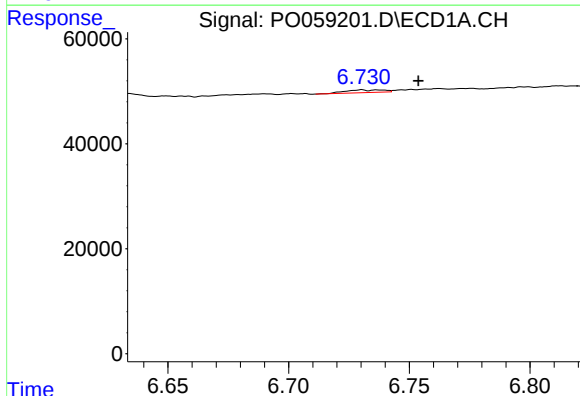
R.T.: 6.373 min
Delta R.T.: -0.016 min
Response: 1327
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



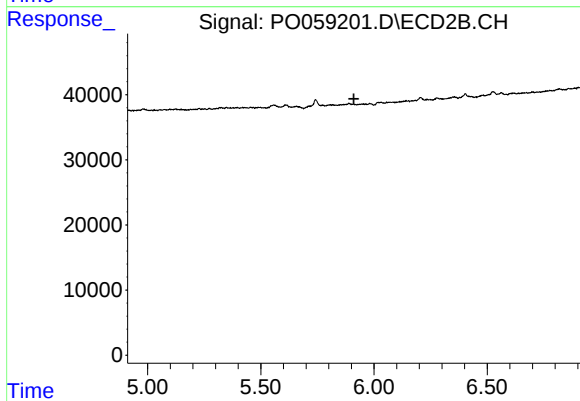
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



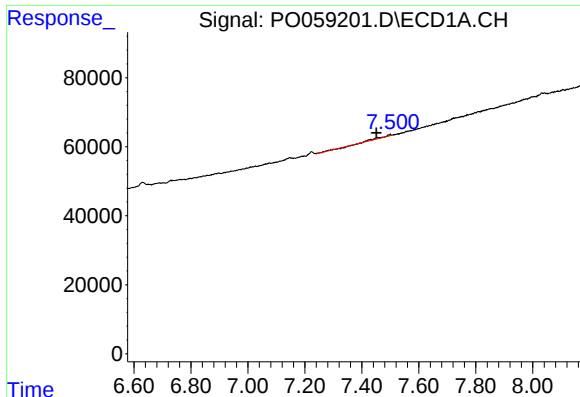
#28 AR-1254-3

R.T.: 6.730 min
Delta R.T.: -0.024 min
Response: 5578
Conc: 1.38 ng/ml



#28 AR-1254-3

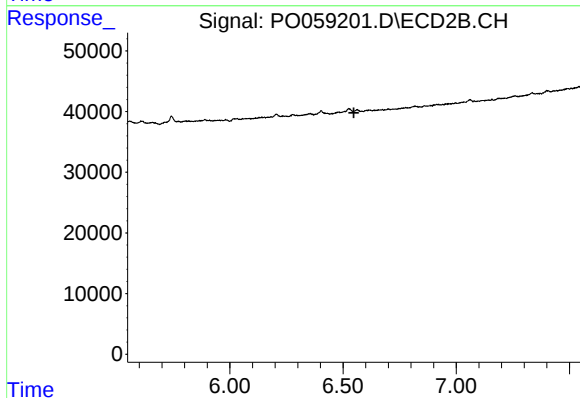
R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



#30 AR-1254-5

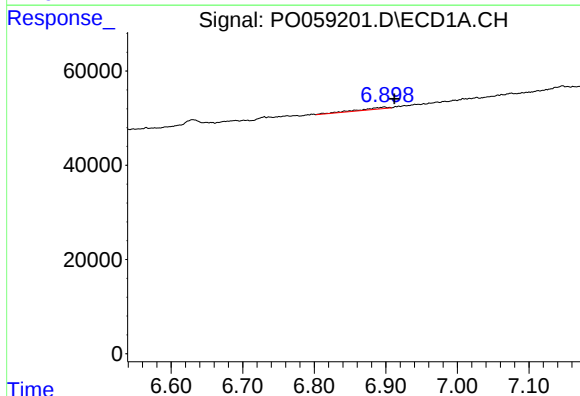
R.T.: 7.500 min
Delta R.T.: 0.049 min
Response: 9876
Conc: 2.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



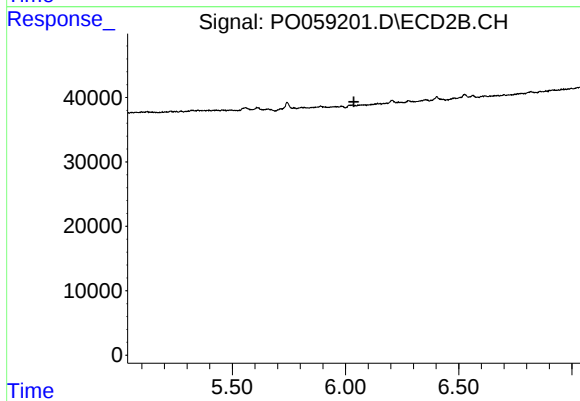
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



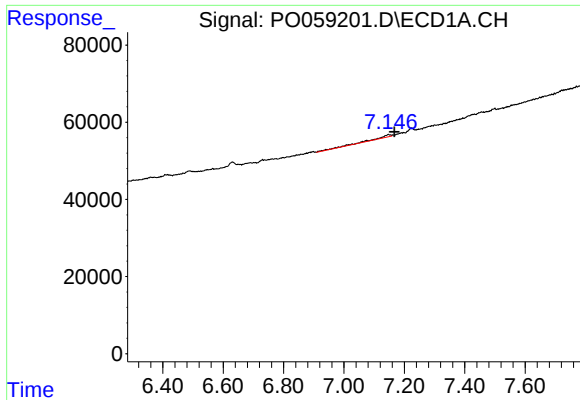
#31 AR-1260-1

R.T.: 6.898 min
Delta R.T.: -0.014 min
Response: 10347
Conc: 3.59 ng/ml



#31 AR-1260-1

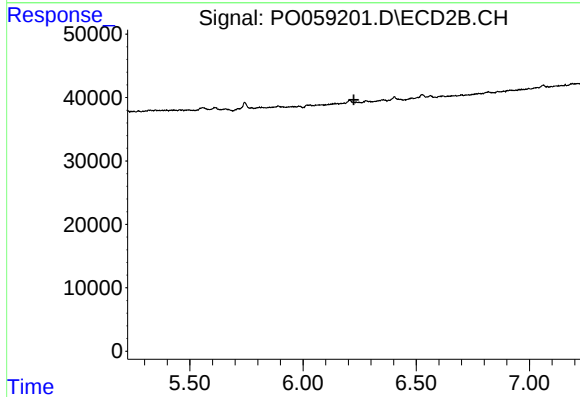
R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



#32 AR-1260-2

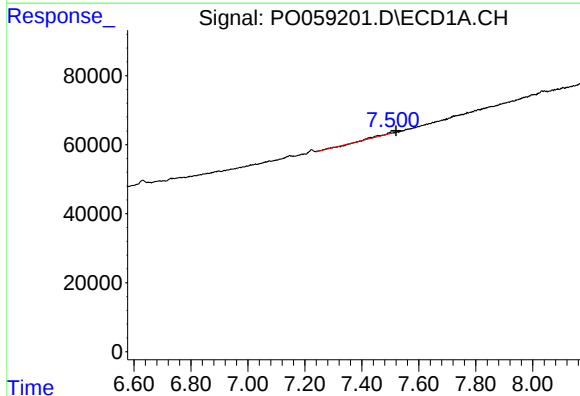
R.T.: 7.147 min
Delta R.T.: -0.021 min
Response: 19505
Conc: 4.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



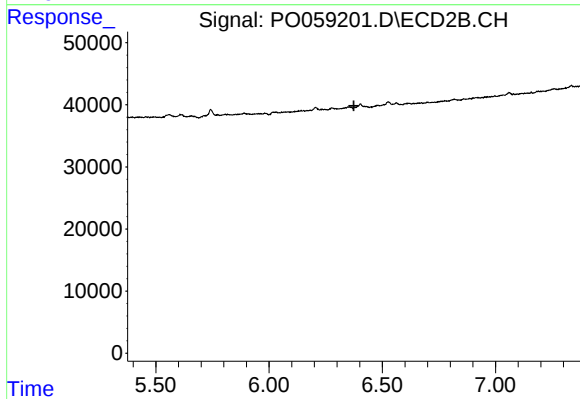
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



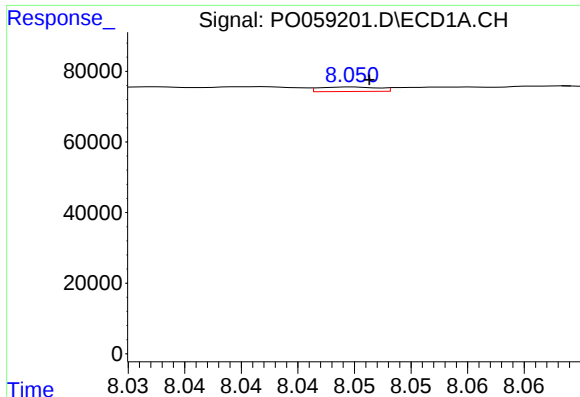
#33 AR-1260-3

R.T.: 7.500 min
Delta R.T.: -0.021 min
Response: 9876
Conc: 2.65 ng/ml



#33 AR-1260-3

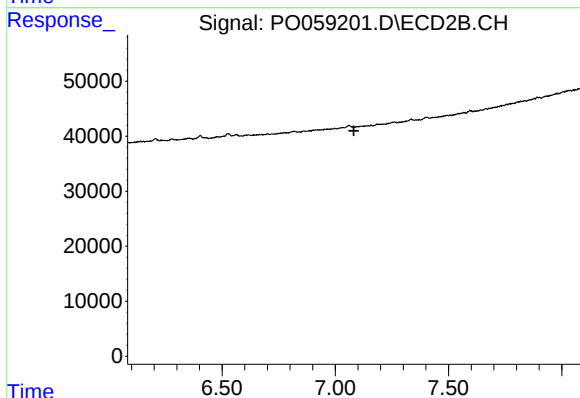
R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



#35 AR-1260-5

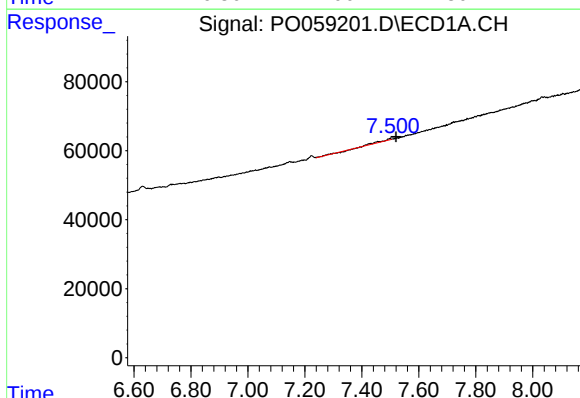
R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 4580
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



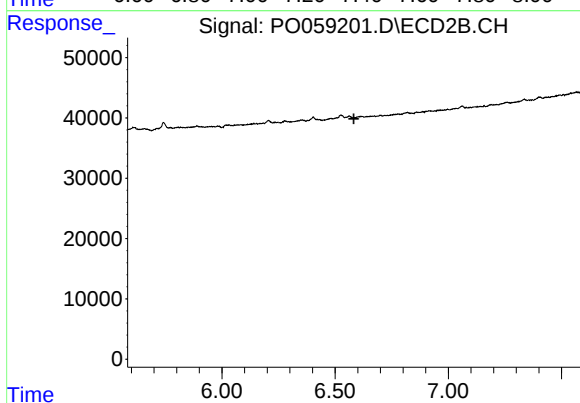
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



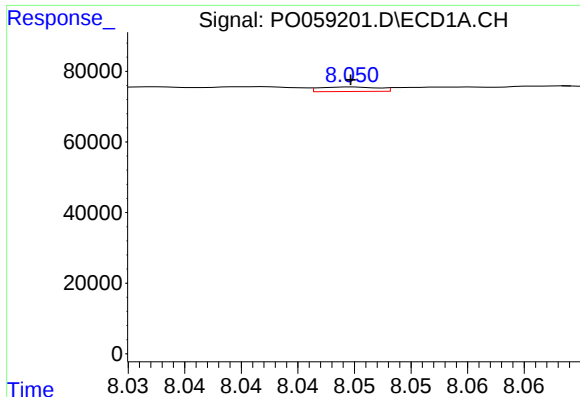
#36 AR-1262-1

R.T.: 7.500 min
Delta R.T.: -0.020 min
Response: 9876
Conc: 1.96 ng/ml



#36 AR-1262-1

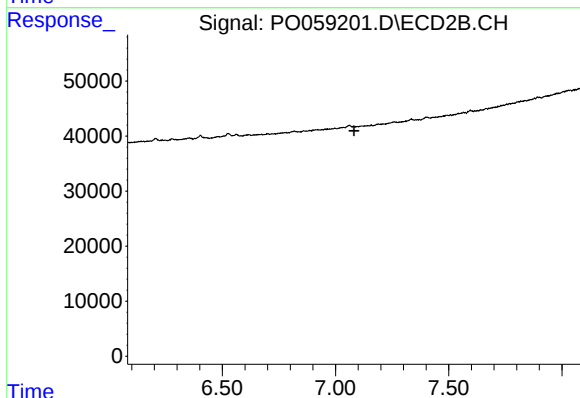
R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



#37 AR-1262-2

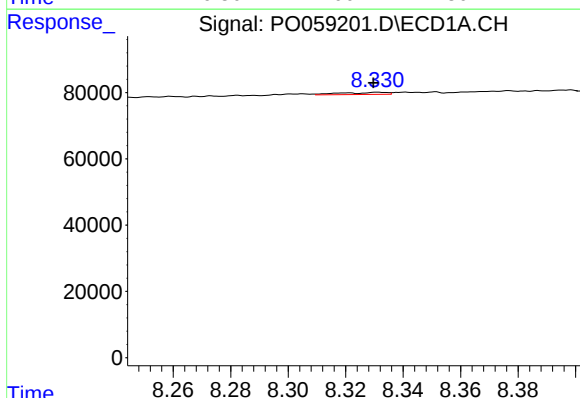
R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 4580
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



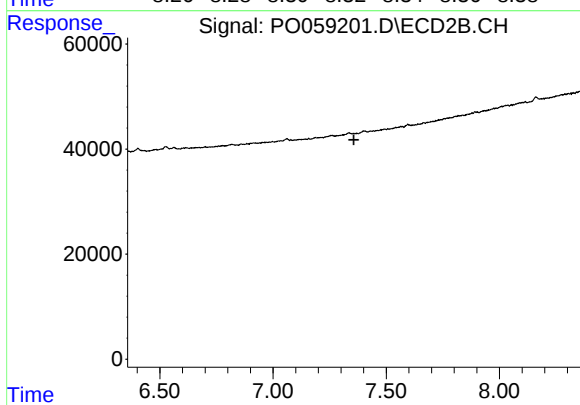
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



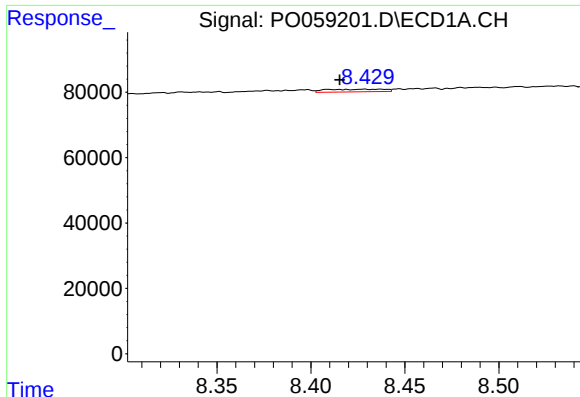
#38 AR-1262-3

R.T.: 8.331 min
Delta R.T.: 0.002 min
Response: 6815
Conc: 1.34 ng/ml



#38 AR-1262-3

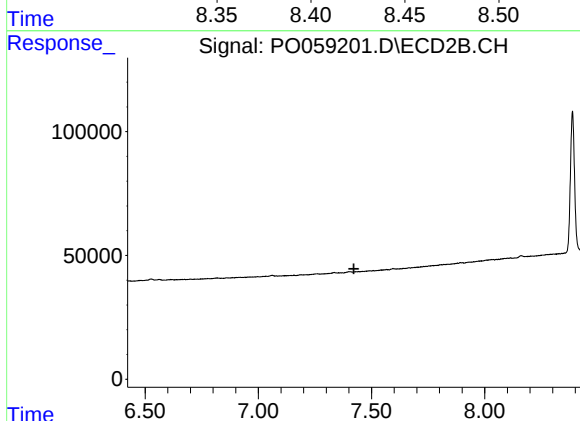
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#39 AR-1262-4

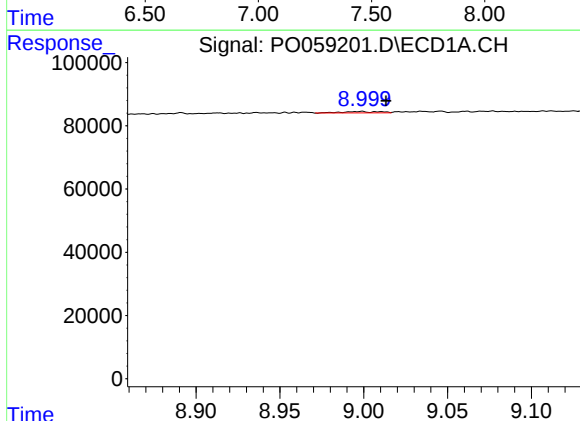
R.T.: 8.428 min
Delta R.T.: 0.013 min
Response: 17168
Conc: 4.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



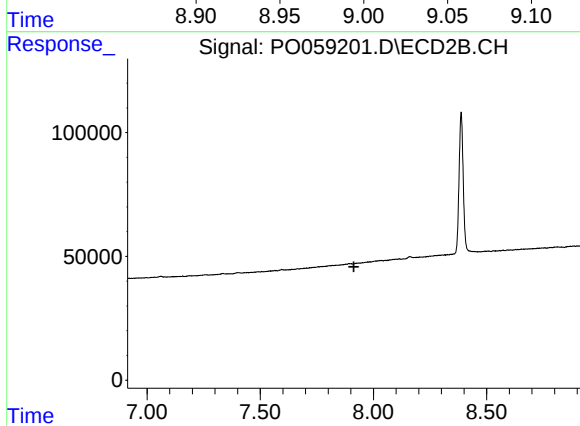
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



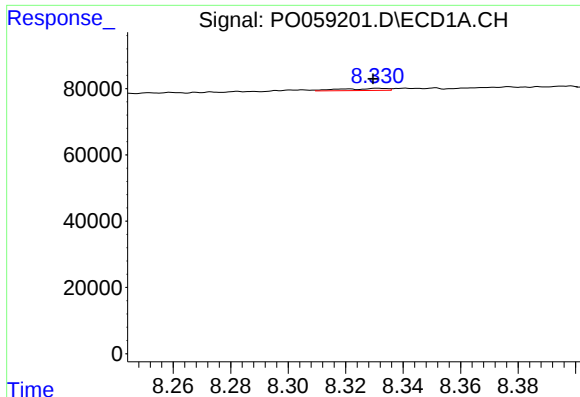
#40 AR-1262-5

R.T.: 8.999 min
Delta R.T.: -0.015 min
Response: 6877
Conc: 2.99 ng/ml



#40 AR-1262-5

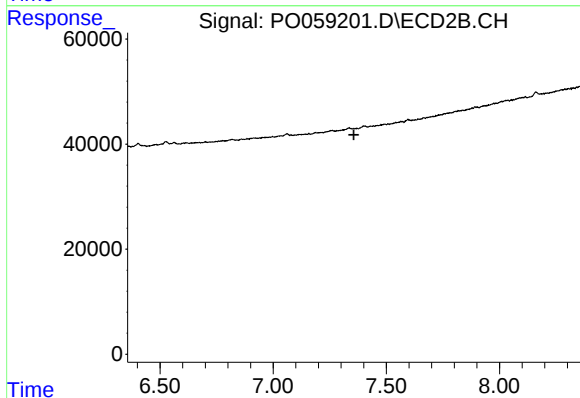
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

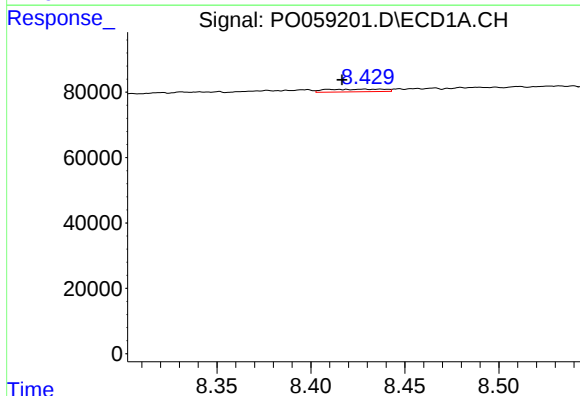
R.T.: 8.331 min
Delta R.T.: 0.002 min
Response: 6815
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



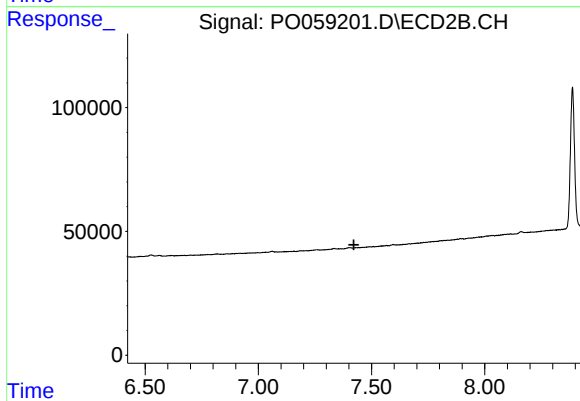
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



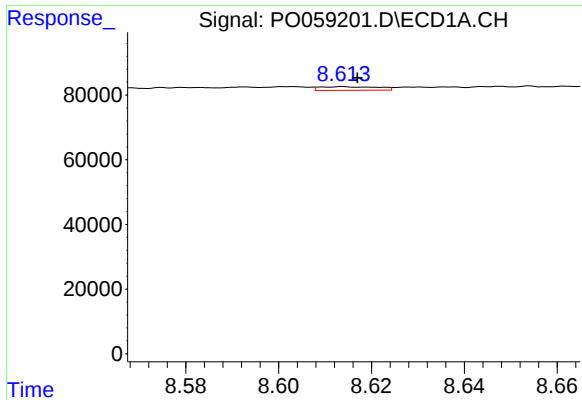
#42 AR-1268-2

R.T.: 8.428 min
Delta R.T.: 0.012 min
Response: 17168
Conc: 1.83 ng/ml



#42 AR-1268-2

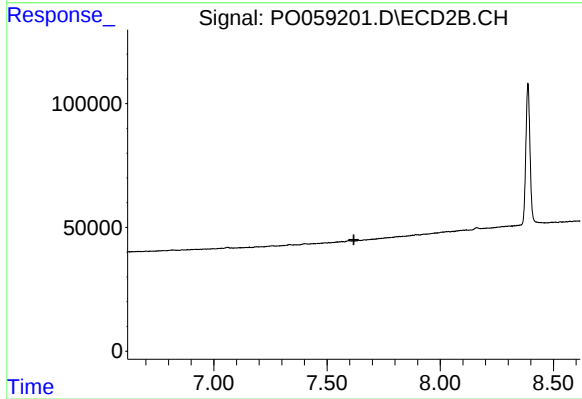
R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



#43 AR-1268-3

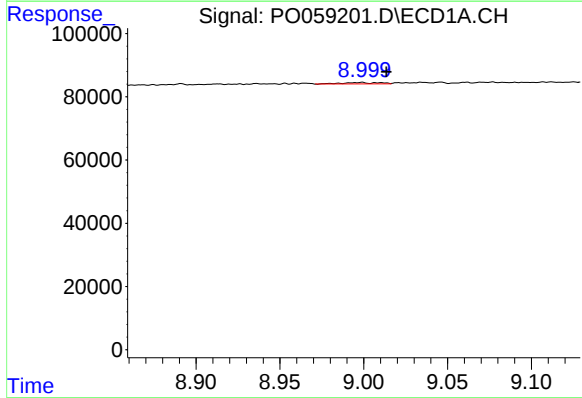
R.T.: 8.614 min
Delta R.T.: -0.003 min
Response: 9737
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



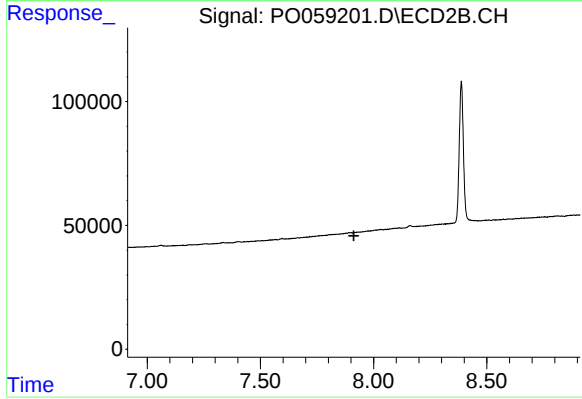
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



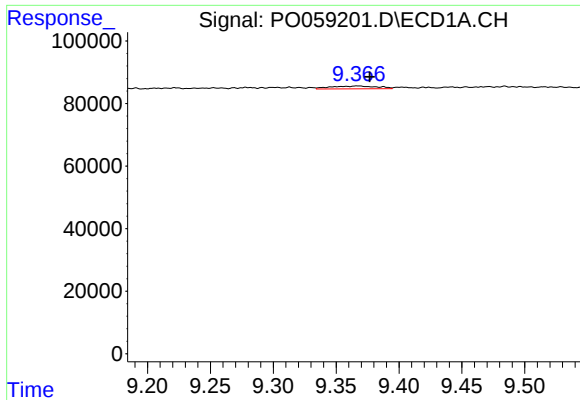
#44 AR-1268-4

R.T.: 8.999 min
Delta R.T.: -0.015 min
Response: 6877
Conc: 2.30 ng/ml



#44 AR-1268-4

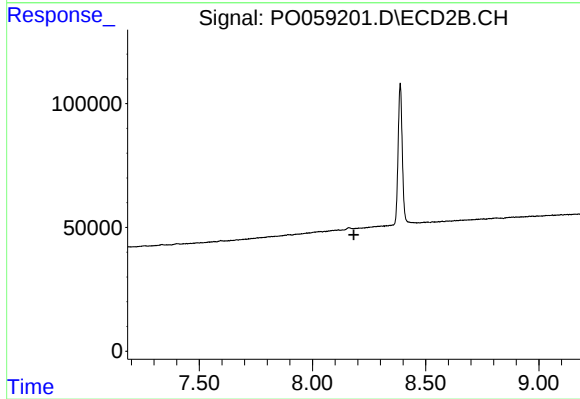
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.367 min
Delta R.T.: -0.010 min
Response: 22662
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-05(13-14)



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.