

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0083119\
 Data File : P0060214.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Sep 2019 2:40
 Operator : SM/AJ
 Sample : K4554-39
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 SB-8-(0-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 03:44:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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...	4.115	3.495	1037677	872718	29.637	24.245
2)	SA Decachlor...	9.564	8.345	925255	720144	17.392	17.860
Target Compounds							
3)	L1 AR-1016-1	5.285	0.000	8589	0	5.355	N.D. #
4)	L1 AR-1016-2	5.302	0.000	1543	0	0.645	N.D. #
5)	L1 AR-1016-3	5.350	0.000	1211	0	0.813	N.D. #
6)	L1 AR-1016-4	5.437	0.000	2281	0	1.885	N.D. #
7)	L1 AR-1016-5	5.758	5.002	2930	16886	2.281	14.659 #
8)	L2 AR-1221-1	4.377	0.000	3193	0	7.540	N.D. #
9)	L2 AR-1221-2	4.413	0.000	26413	0	81.321	N.D. #
10)	L2 AR-1221-3	4.489	0.000	9346	0	8.885	N.D. #
11)	L3 AR-1232-1	4.489	0.000	9346	0	7.498	N.D. #
12)	L3 AR-1232-2	5.022	0.000	26165	0	37.040	N.D. #
13)	L3 AR-1232-3	5.302	0.000	1543	0	1.007	N.D. #
14)	L3 AR-1232-4	5.537	0.000	26613	0	34.037	N.D. #
15)	L3 AR-1232-5	5.589	5.002	26778	16886	44.546	24.806 #
16)	L4 AR-1242-1	5.302	0.000	1543	0	1.215	N.D. #
17)	L4 AR-1242-2	5.302	0.000	1543	0	0.831	N.D. #
18)	L4 AR-1242-3	5.350	0.000	1211	0	1.036	N.D. #
19)	L4 AR-1242-4	5.537	0.000	26613	0	27.496	N.D. #
20)	L4 AR-1242-5	6.254	0.000	53558	0	42.621	N.D. #
21)	L5 AR-1248-1	5.285	0.000	8589	0	8.567	N.D. #
22)	L5 AR-1248-2	5.537	0.000	26613	0	18.342	N.D. #
23)	L5 AR-1248-3	5.721	0.000	18928	0	11.389	N.D. #
24)	L5 AR-1248-4	6.137	5.002	17901	16886	8.758	11.621 #
25)	L5 AR-1248-5	6.178	0.000	45852	0	23.121	N.D. #
26)	L6 AR-1254-1	6.137	0.000	17901	0	8.580	N.D. #
27)	L6 AR-1254-2	6.338	5.466	71331	14234	21.381	6.784 #
28)	L6 AR-1254-3	6.693	0.000	27235	0	7.675	N.D. #
29)	L6 AR-1254-4	6.997	0.000	44454	0	15.092	N.D. #
30)	L6 AR-1254-5	7.371	0.000	32074	0	10.372	N.D. #
31)	L7 AR-1260-1	6.832	0.000	23631	0	8.766	N.D. #
32)	L7 AR-1260-2	7.107	6.183	5741	24313	1.547	8.298 #
33)	L7 AR-1260-3	7.443	6.303	24234	26279	7.397	9.920 #
34)	L7 AR-1260-4	7.705	0.000	84688	0	27.574	N.D. #
35)	L7 AR-1260-5	7.996	0.000	21780	0	3.076	N.D. #
36)	L8 AR-1262-1	7.511	0.000	21337	0	4.397	N.D. #
37)	L8 AR-1262-2	8.040	0.000	68174	0	8.836	N.D. #
38)	L8 AR-1262-3	8.278	0.000	243021	0	47.630	N.D. #
39)	L8 AR-1262-4	8.349	0.000	111355	0	28.888	N.D. #
40)	L8 AR-1262-5	8.970	7.861	29447	24884	11.473	13.782
41)	L9 AR-1268-1	8.278	0.000	243021	0	25.824	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083119\
 Data File : P0060214.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Sep 2019 2:40
 Operator : SM/AJ
 Sample : K4554-39
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

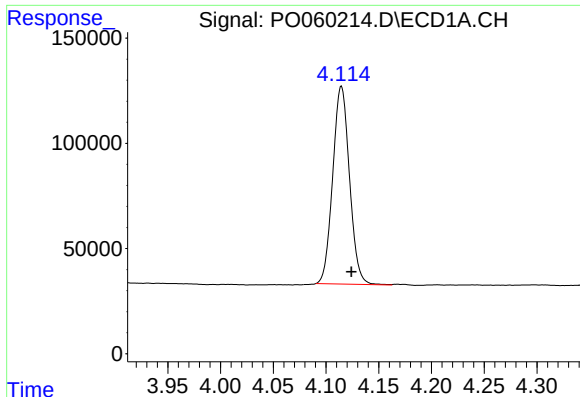
Instrument :
 ECD_O
 ClientSampleId :
 SB-8-(0-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 03:44:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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 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	8.349	0.000	111355	0	14.127	N.D. #
43) L9	AR-1268-3	8.590	7.561	63362	5800	8.989	1.060 #
44) L9	AR-1268-4	8.970	7.861	29447	24884	10.592	12.190
45) L9	AR-1268-5	9.339	8.121	5310	29596	0.288	2.037 #

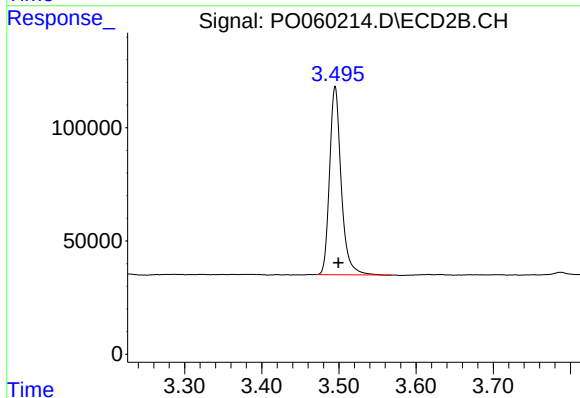
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

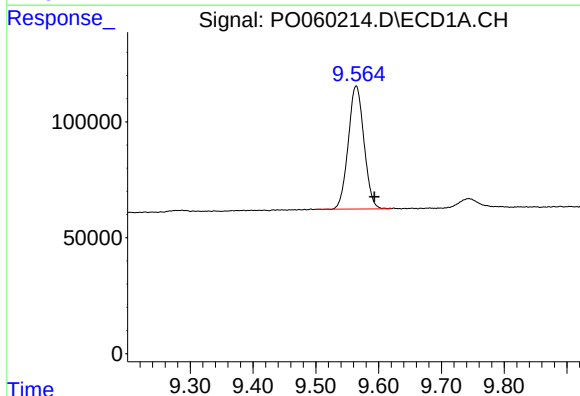
R.T.: 4.115 min
Delta R.T.: -0.009 min
Response: 1037677
Conc: 29.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



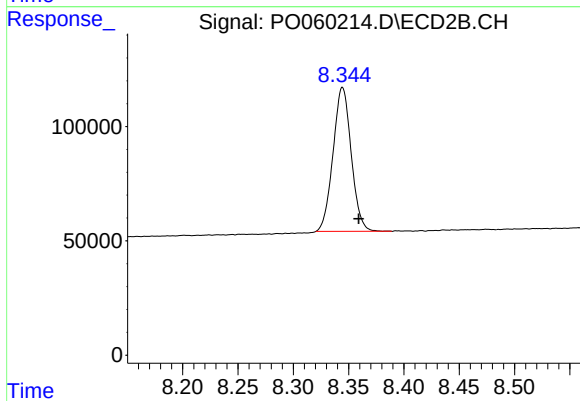
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: -0.004 min
Response: 872718
Conc: 24.25 ng/ml



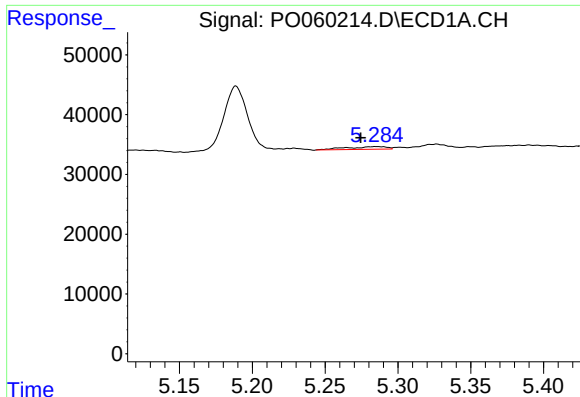
#2 Decachlorobiphenyl

R.T.: 9.564 min
Delta R.T.: -0.029 min
Response: 925255
Conc: 17.39 ng/ml



#2 Decachlorobiphenyl

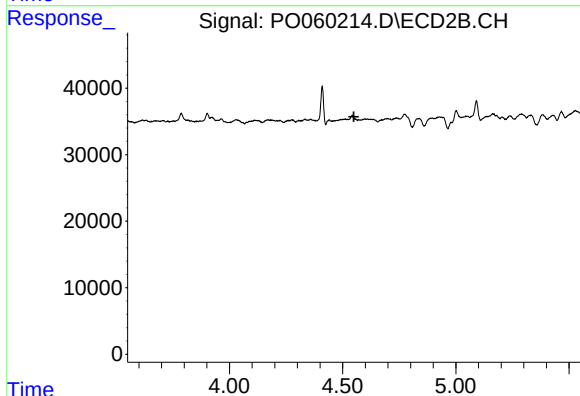
R.T.: 8.345 min
Delta R.T.: -0.015 min
Response: 720144
Conc: 17.86 ng/ml



#3 AR-1016-1

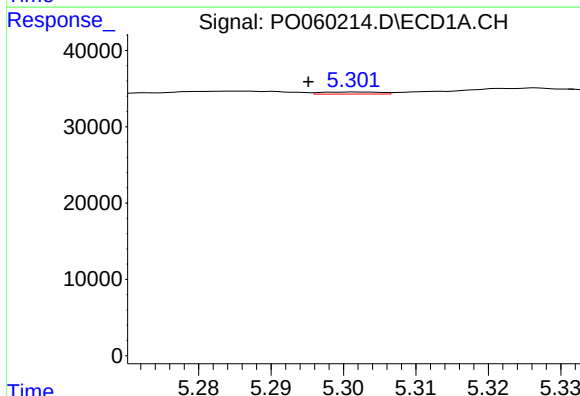
R.T.: 5.285 min
Delta R.T.: 0.011 min
Response: 8589
Conc: 5.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



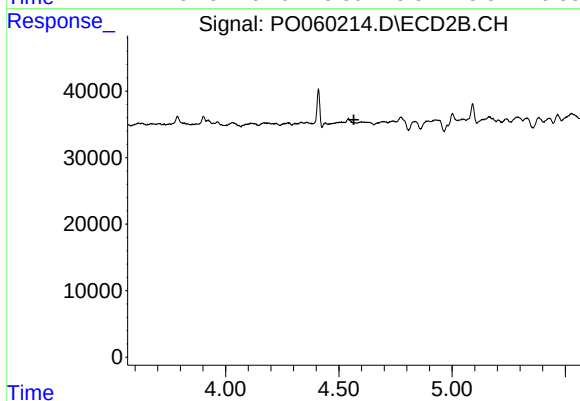
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



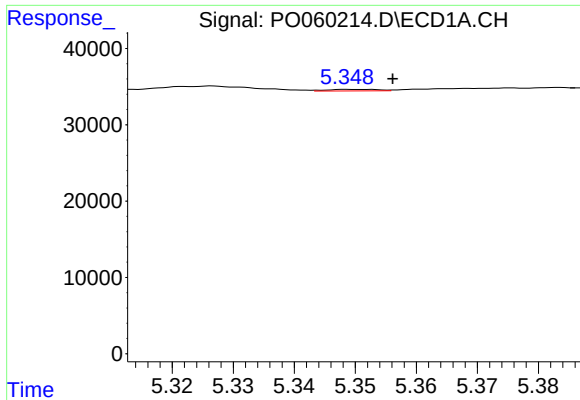
#4 AR-1016-2

R.T.: 5.302 min
Delta R.T.: 0.006 min
Response: 1543
Conc: 0.64 ng/ml



#4 AR-1016-2

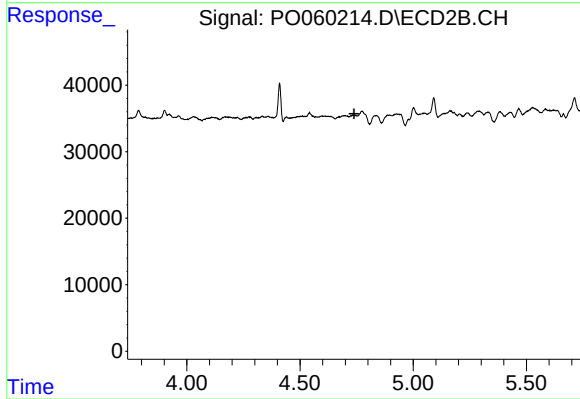
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

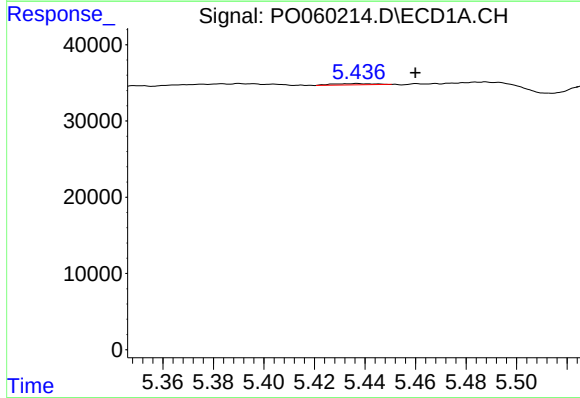
R.T.: 5.350 min
Delta R.T.: -0.006 min
Response: 1211
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



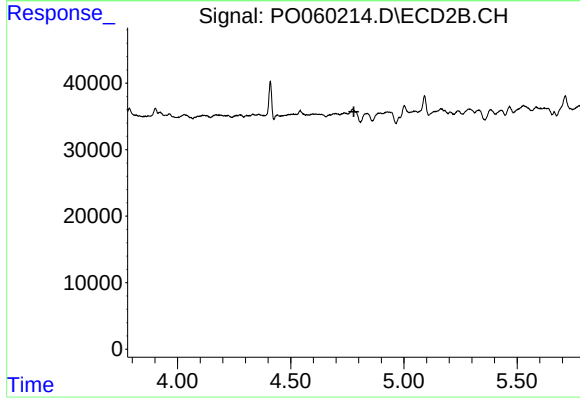
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



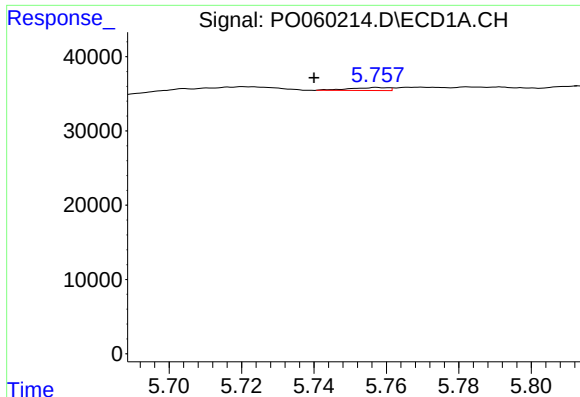
#6 AR-1016-4

R.T.: 5.437 min
Delta R.T.: -0.023 min
Response: 2281
Conc: 1.89 ng/ml



#6 AR-1016-4

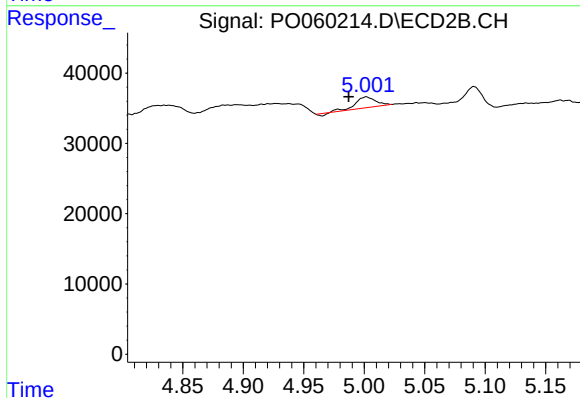
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

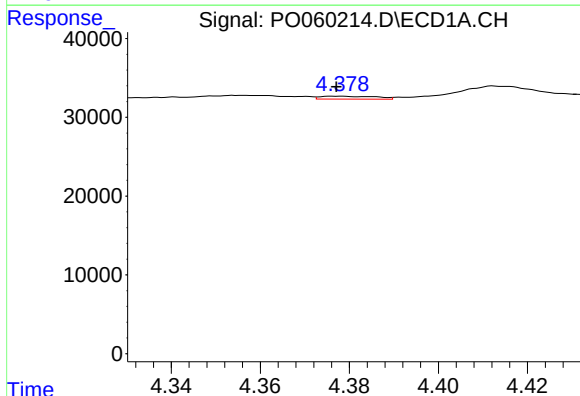
R.T.: 5.758 min
Delta R.T.: 0.018 min
Response: 2930
Conc: 2.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



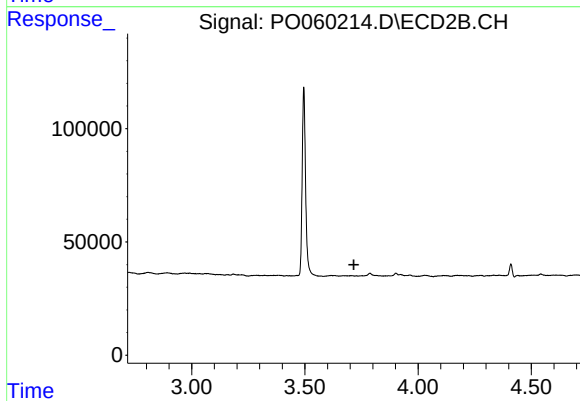
#7 AR-1016-5

R.T.: 5.002 min
Delta R.T.: 0.015 min
Response: 16886
Conc: 14.66 ng/ml



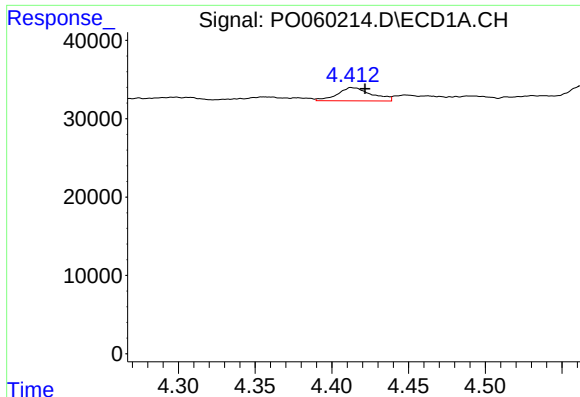
#8 AR-1221-1

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 3193
Conc: 7.54 ng/ml



#8 AR-1221-1

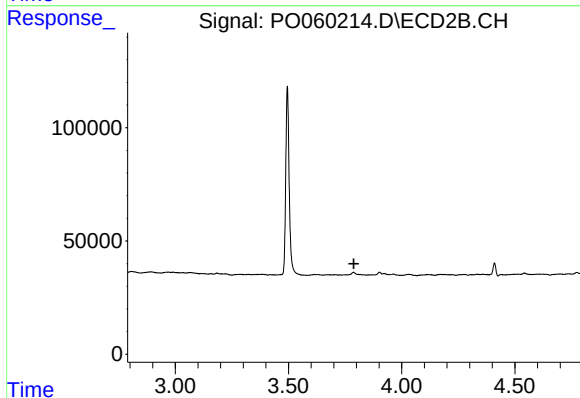
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

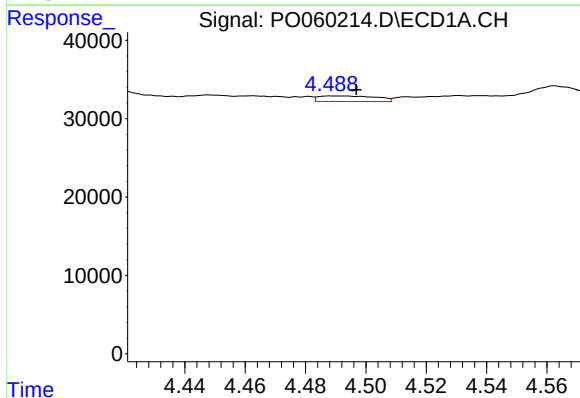
R.T.: 4.413 min
Delta R.T.: -0.009 min
Response: 26413
Conc: 81.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



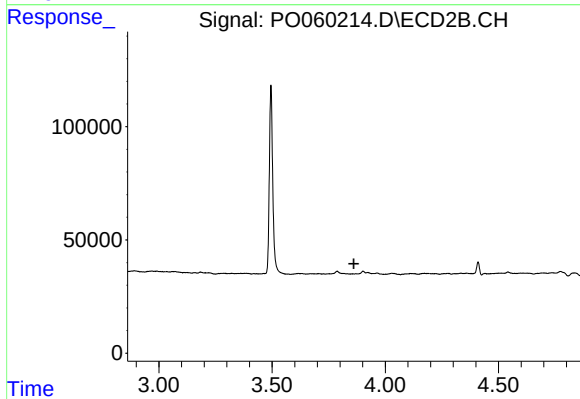
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



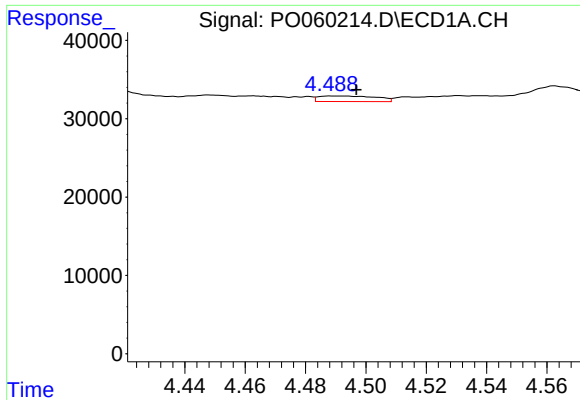
#10 AR-1221-3

R.T.: 4.489 min
Delta R.T.: -0.008 min
Response: 9346
Conc: 8.89 ng/ml



#10 AR-1221-3

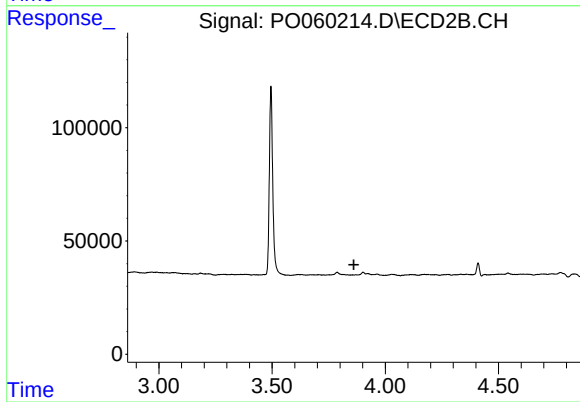
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

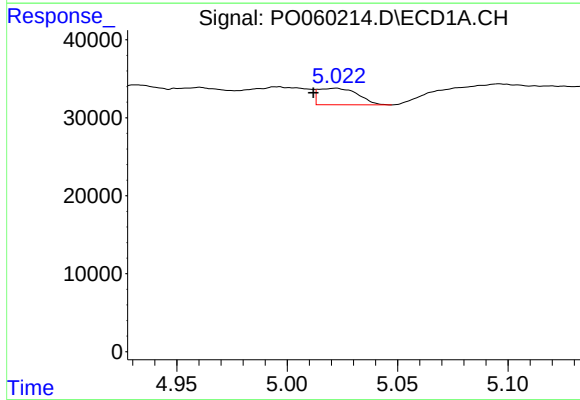
R.T.: 4.489 min
Delta R.T.: -0.008 min
Response: 9346
Conc: 7.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



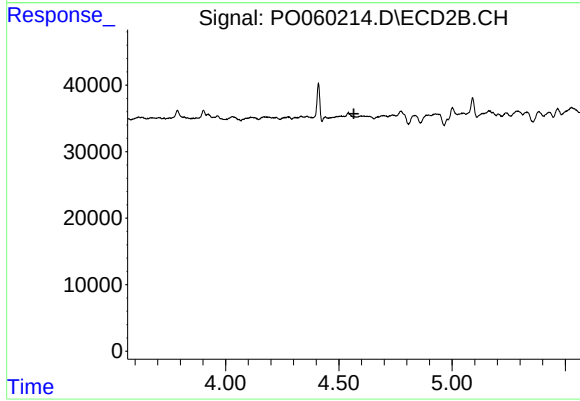
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



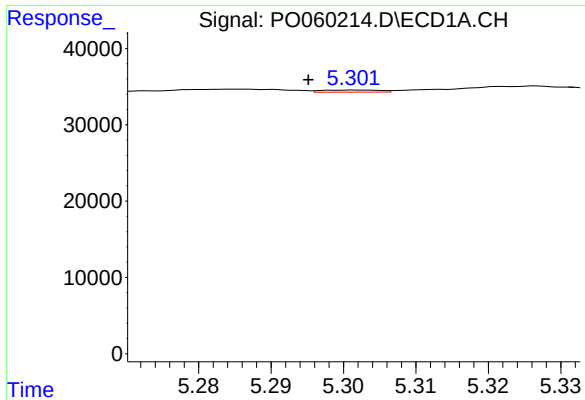
#12 AR-1232-2

R.T.: 5.022 min
Delta R.T.: 0.010 min
Response: 26165
Conc: 37.04 ng/ml



#12 AR-1232-2

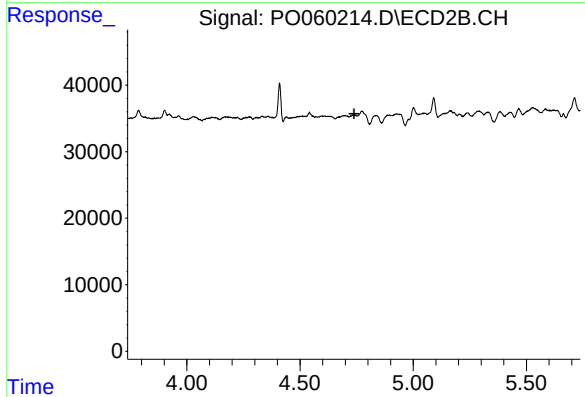
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

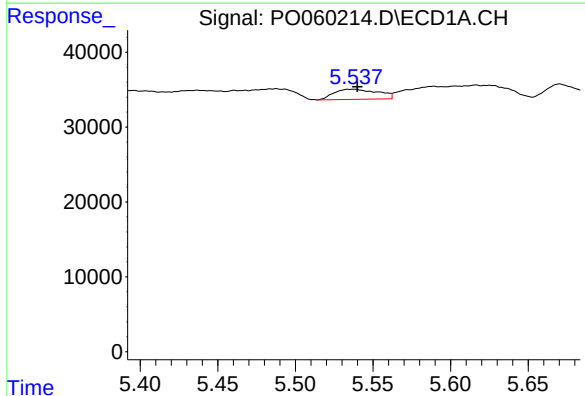
R.T.: 5.302 min
Delta R.T.: 0.006 min
Response: 1543
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



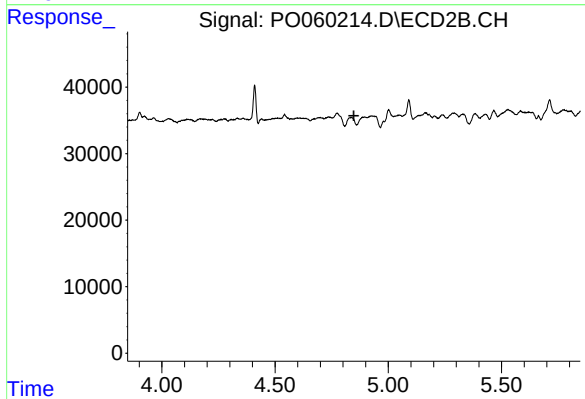
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



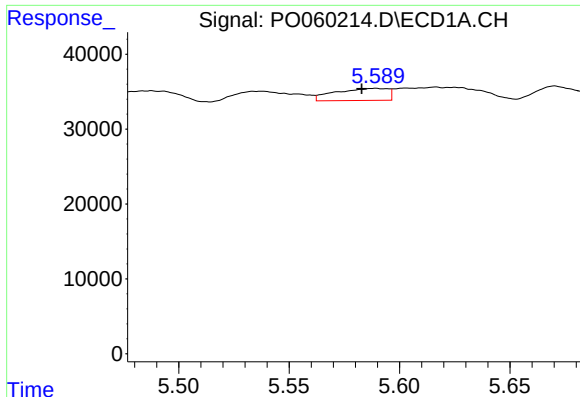
#14 AR-1232-4

R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 26613
Conc: 34.04 ng/ml



#14 AR-1232-4

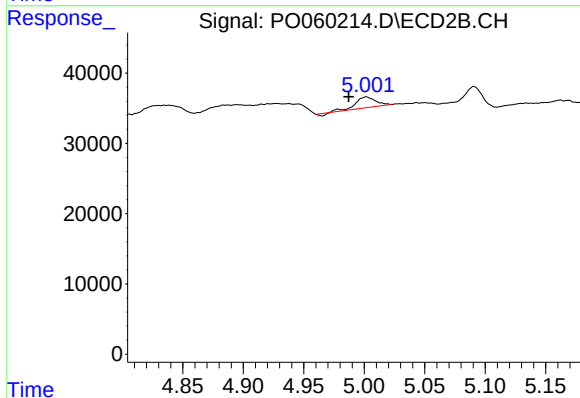
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

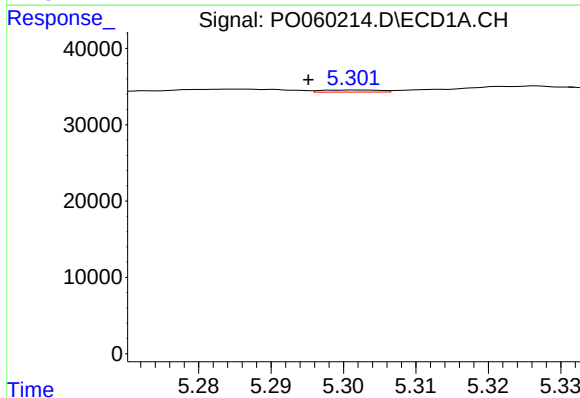
R.T.: 5.589 min
Delta R.T.: 0.006 min
Response: 26778
Conc: 44.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



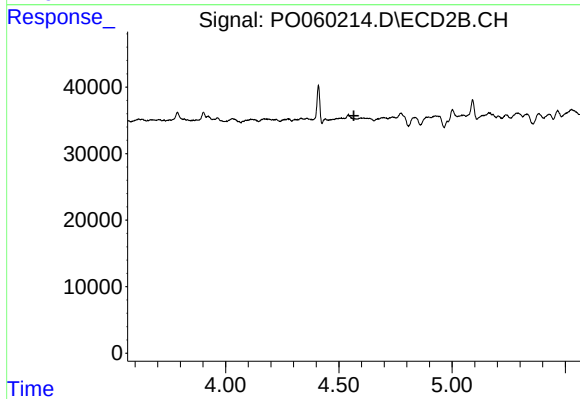
#15 AR-1232-5

R.T.: 5.002 min
Delta R.T.: 0.015 min
Response: 16886
Conc: 24.81 ng/ml



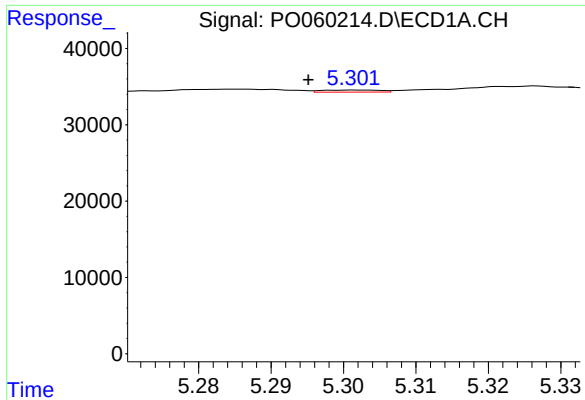
#16 AR-1242-1

R.T.: 5.302 min
Delta R.T.: 0.006 min
Response: 1543
Conc: 1.22 ng/ml



#16 AR-1242-1

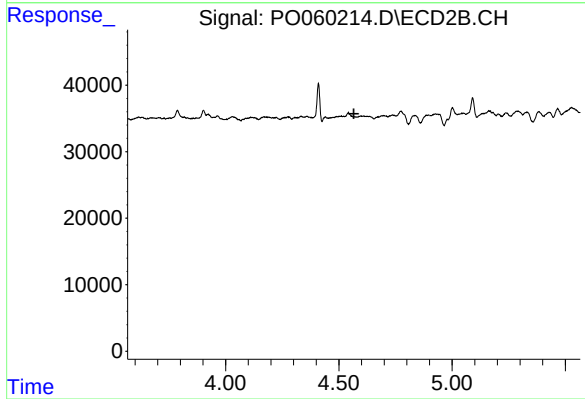
R.T.: 0.000 min
Exp R.T.: 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

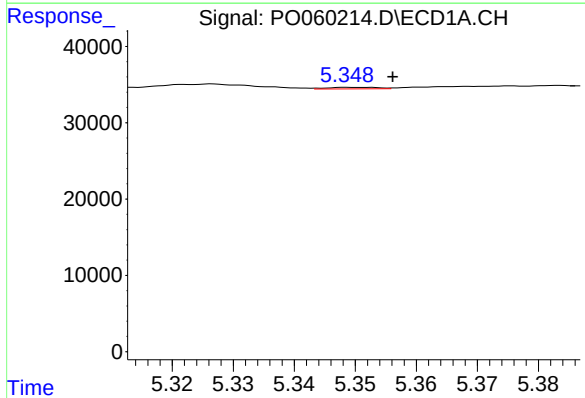
R.T.: 5.302 min
Delta R.T.: 0.006 min
Response: 1543
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



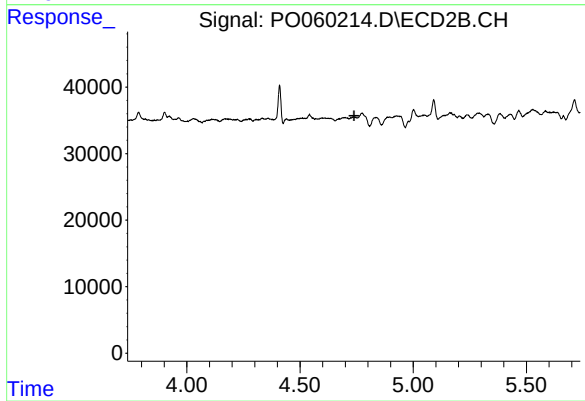
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



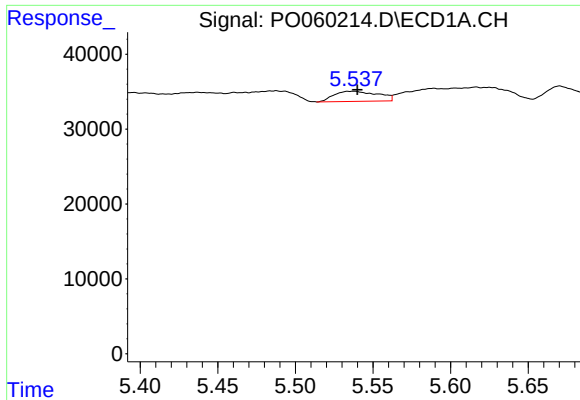
#18 AR-1242-3

R.T.: 5.350 min
Delta R.T.: -0.006 min
Response: 1211
Conc: 1.04 ng/ml



#18 AR-1242-3

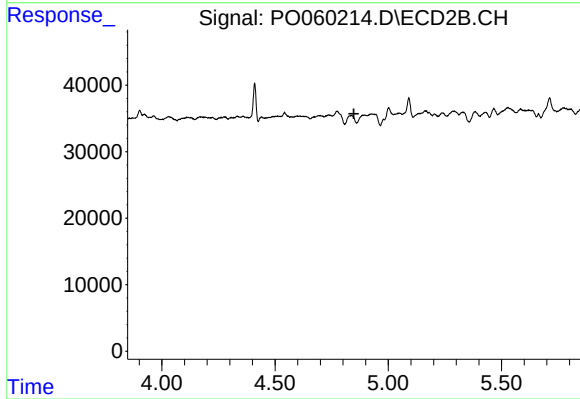
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

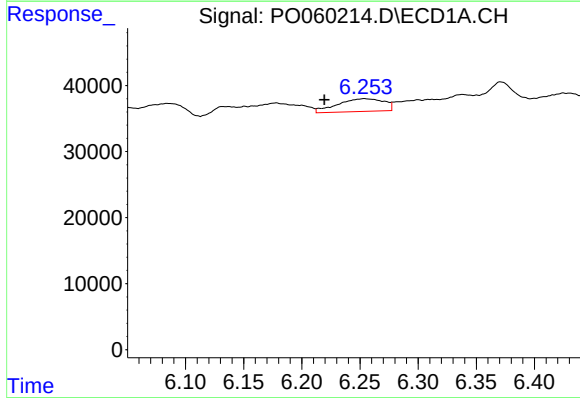
R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 26613
Conc: 27.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



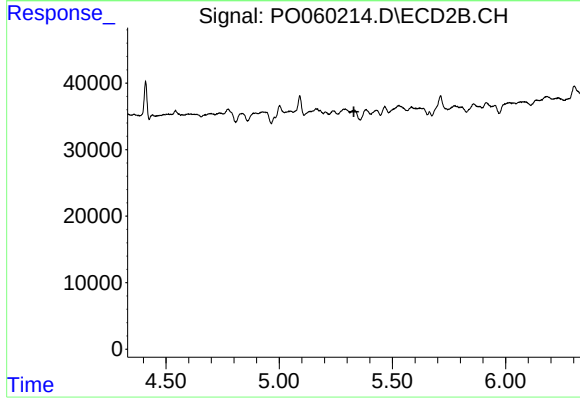
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



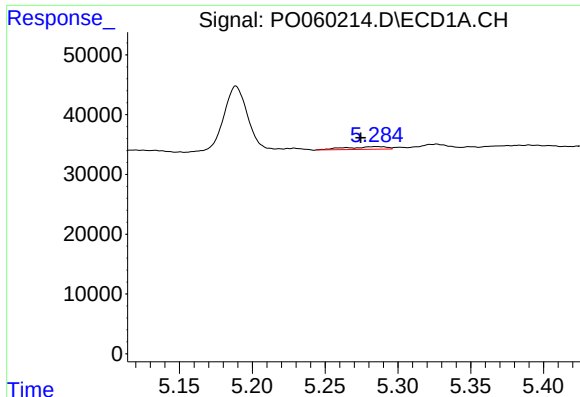
#20 AR-1242-5

R.T.: 6.254 min
Delta R.T.: 0.035 min
Response: 53558
Conc: 42.62 ng/ml



#20 AR-1242-5

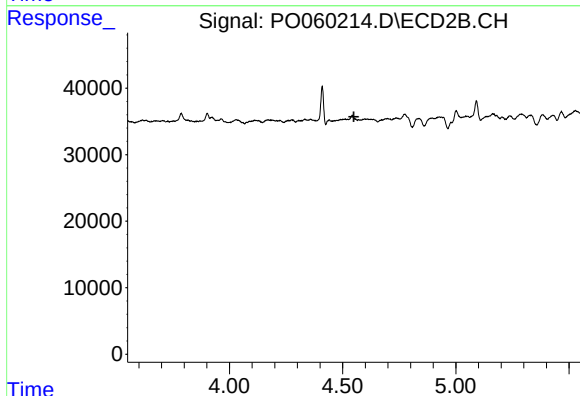
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

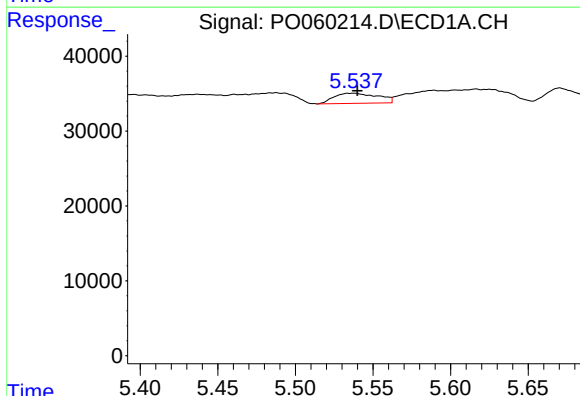
R.T.: 5.285 min
Delta R.T.: 0.011 min
Response: 8589
Conc: 8.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



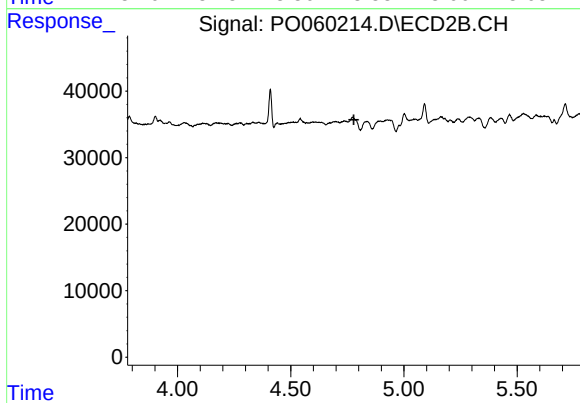
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



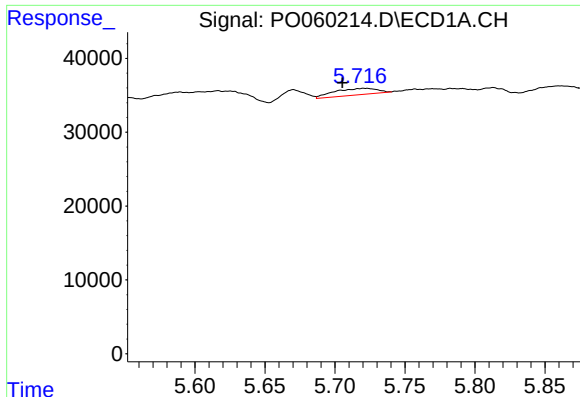
#22 AR-1248-2

R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 26613
Conc: 18.34 ng/ml



#22 AR-1248-2

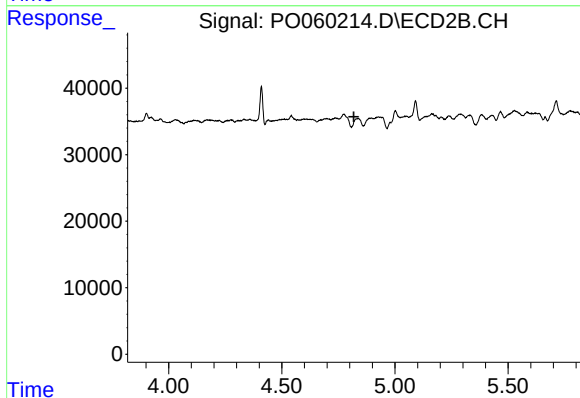
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

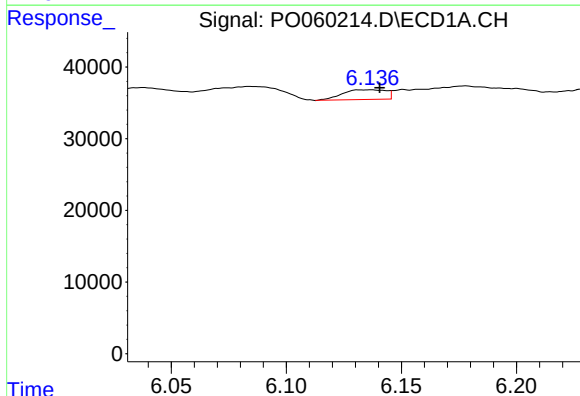
R.T.: 5.721 min
Delta R.T.: 0.016 min
Response: 18928
Conc: 11.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



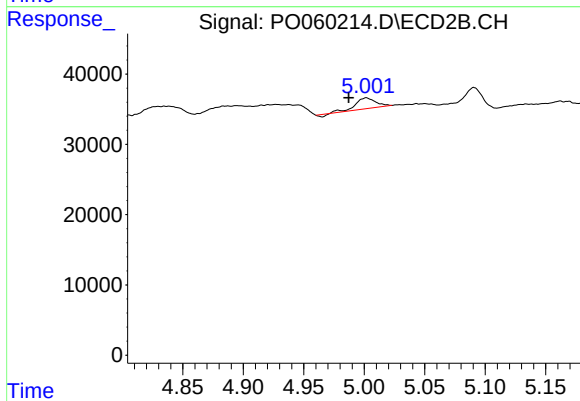
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



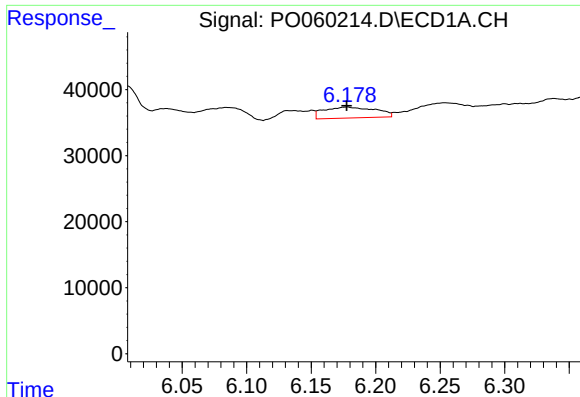
#24 AR-1248-4

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 17901
Conc: 8.76 ng/ml



#24 AR-1248-4

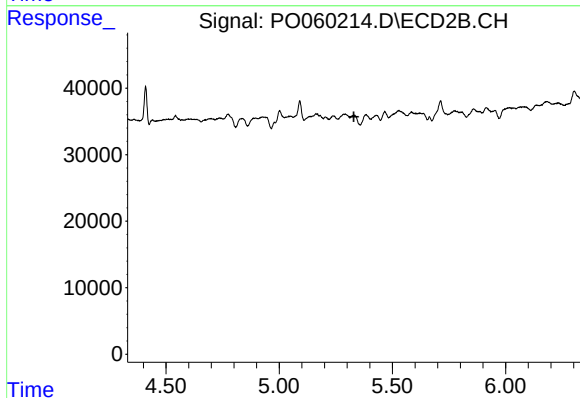
R.T.: 5.002 min
Delta R.T.: 0.015 min
Response: 16886
Conc: 11.62 ng/ml



#25 AR-1248-5

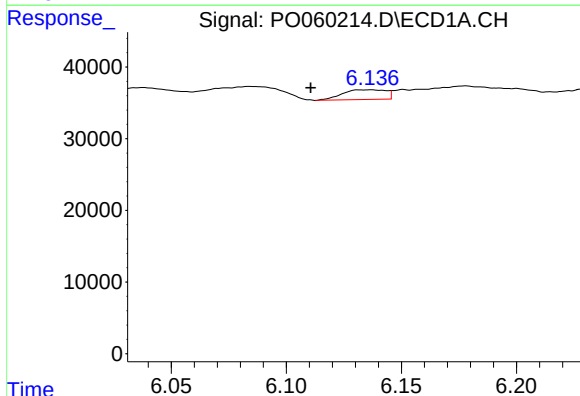
R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 45852
Conc: 23.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



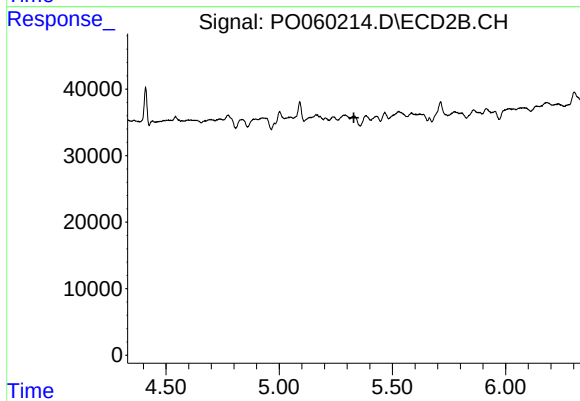
#25 AR-1248-5

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



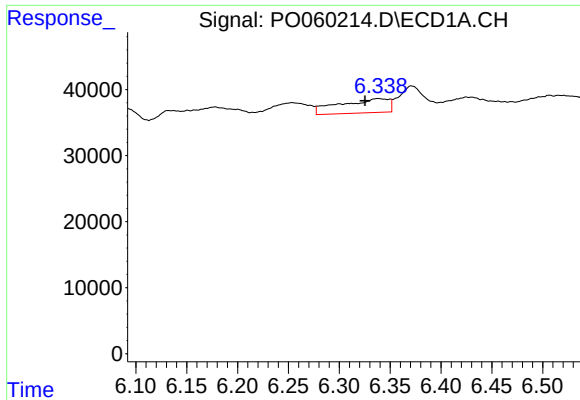
#26 AR-1254-1

R.T.: 6.137 min
Delta R.T.: 0.026 min
Response: 17901
Conc: 8.58 ng/ml



#26 AR-1254-1

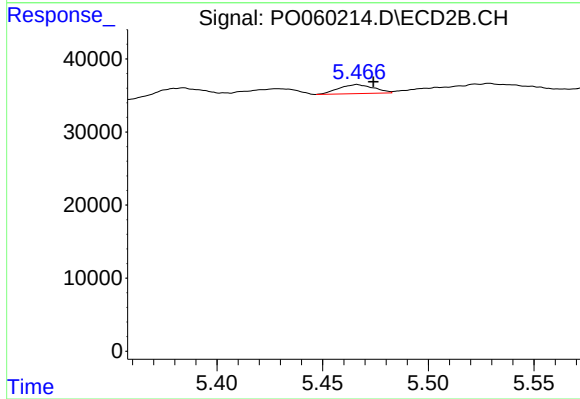
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

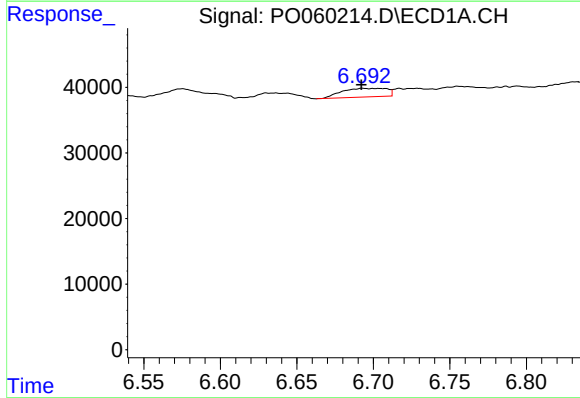
R.T.: 6.338 min
Delta R.T.: 0.013 min
Response: 71331
Conc: 21.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



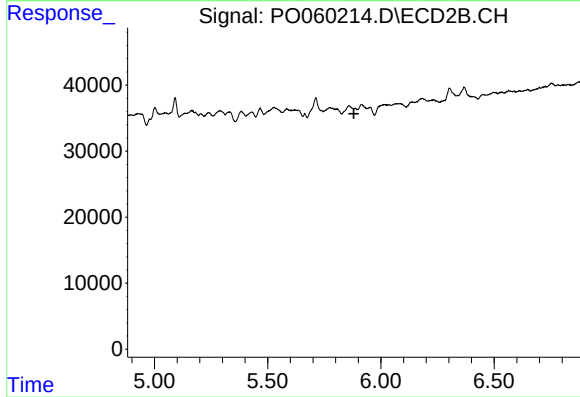
#27 AR-1254-2

R.T.: 5.466 min
Delta R.T.: -0.008 min
Response: 14234
Conc: 6.78 ng/ml



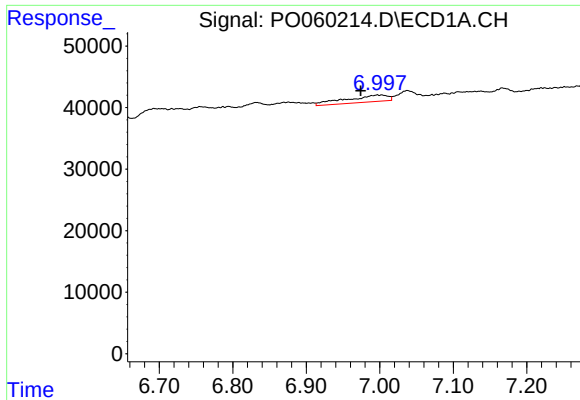
#28 AR-1254-3

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 27235
Conc: 7.68 ng/ml



#28 AR-1254-3

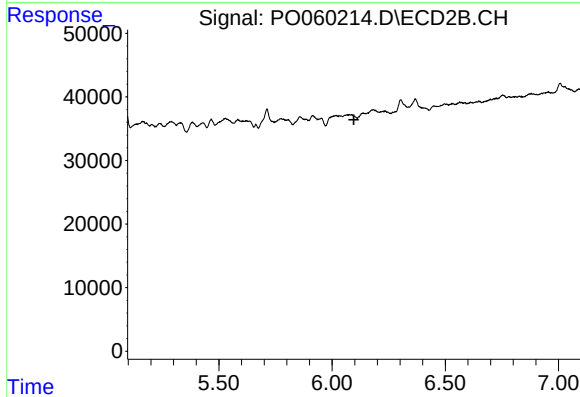
R.T.: 0.000 min
Exp R.T.: 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

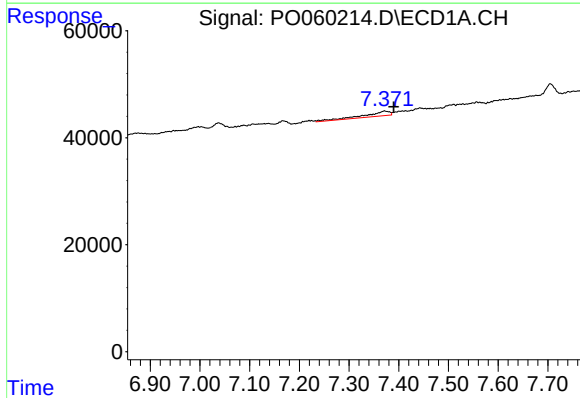
R.T.: 6.997 min
Delta R.T.: 0.023 min
Response: 44454
Conc: 15.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



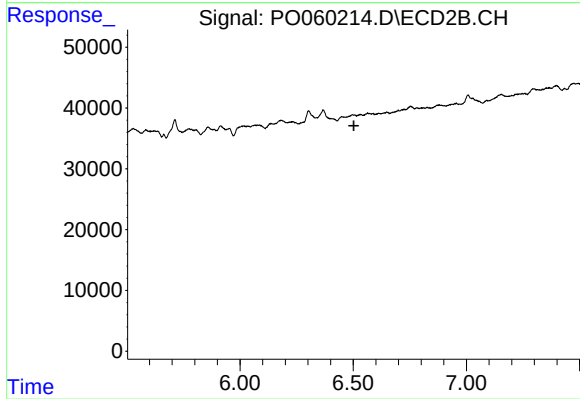
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



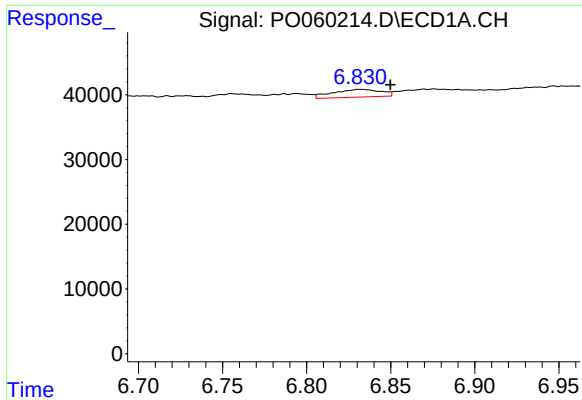
#30 AR-1254-5

R.T.: 7.371 min
Delta R.T.: -0.019 min
Response: 32074
Conc: 10.37 ng/ml



#30 AR-1254-5

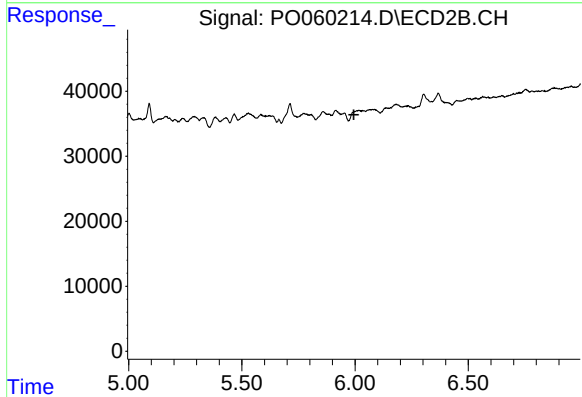
R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

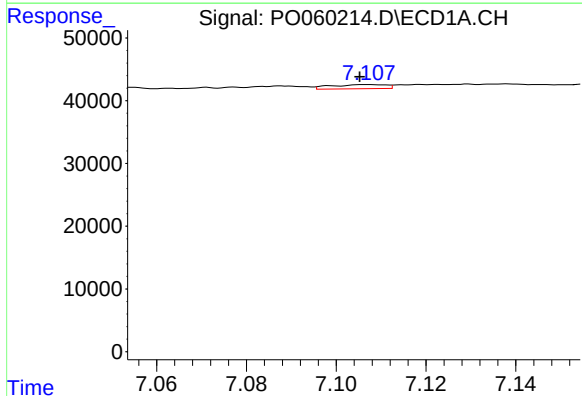
R.T.: 6.832 min
Delta R.T.: -0.018 min
Response: 23631
Conc: 8.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



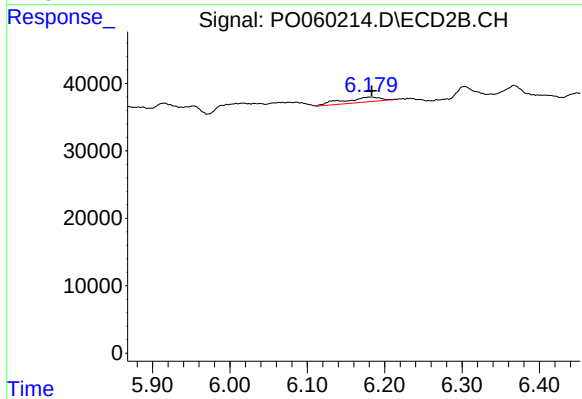
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



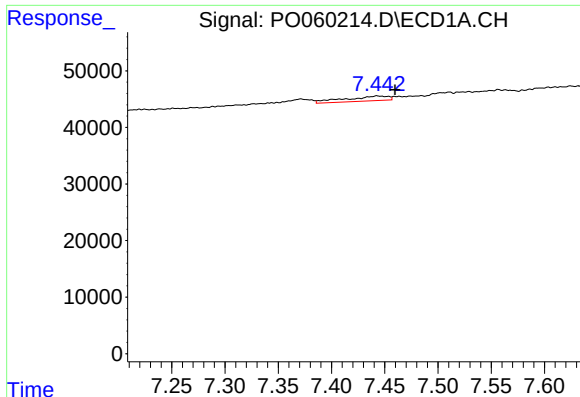
#32 AR-1260-2

R.T.: 7.107 min
Delta R.T.: 0.002 min
Response: 5741
Conc: 1.55 ng/ml



#32 AR-1260-2

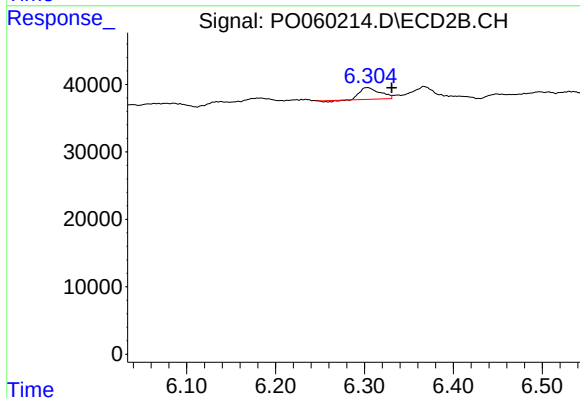
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 24313
Conc: 8.30 ng/ml



#33 AR-1260-3

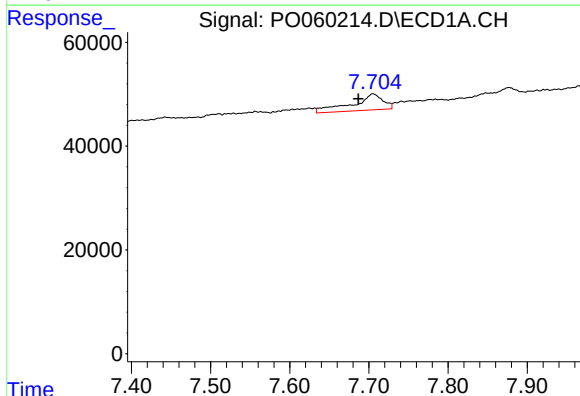
R.T.: 7.443 min
Delta R.T.: -0.017 min
Response: 24234
Conc: 7.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



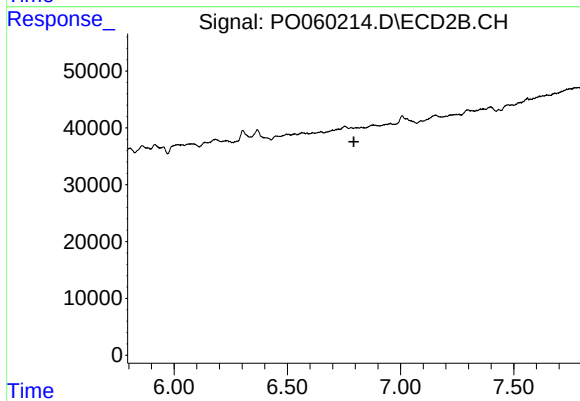
#33 AR-1260-3

R.T.: 6.303 min
Delta R.T.: -0.028 min
Response: 26279
Conc: 9.92 ng/ml



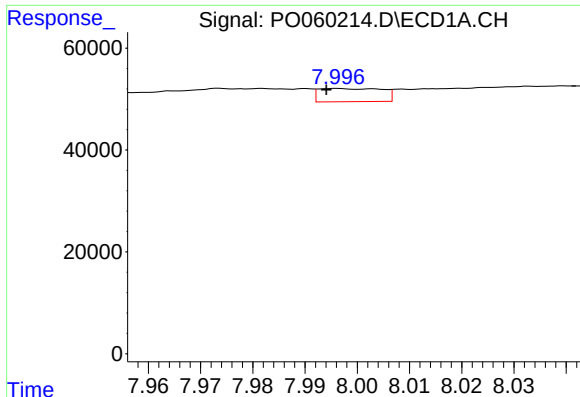
#34 AR-1260-4

R.T.: 7.705 min
Delta R.T.: 0.018 min
Response: 84688
Conc: 27.57 ng/ml



#34 AR-1260-4

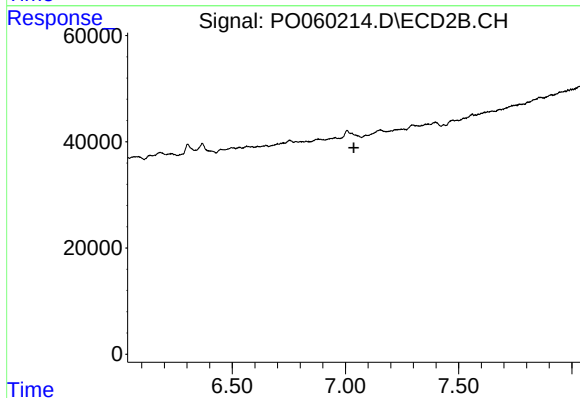
R.T.: 0.000 min
Exp R.T.: 6.794 min
Response: 0
Conc: N.D.



#35 AR-1260-5

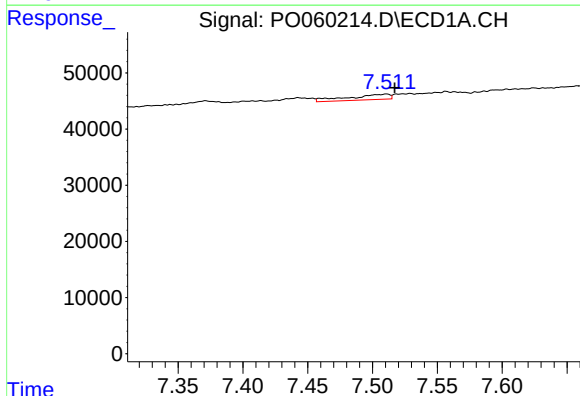
R.T.: 7.996 min
Delta R.T.: 0.002 min
Response: 21780
Conc: 3.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



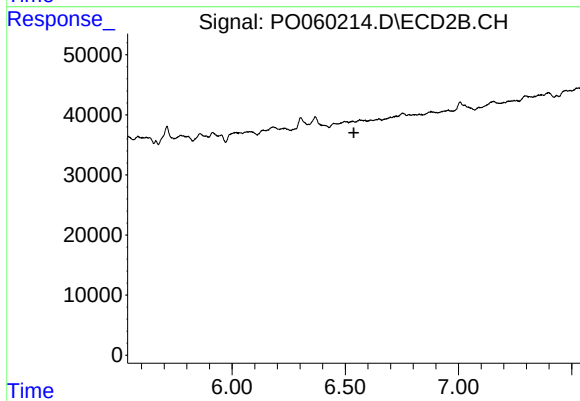
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



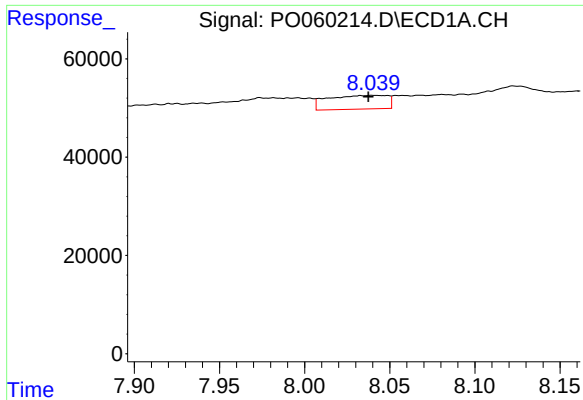
#36 AR-1262-1

R.T.: 7.511 min
Delta R.T.: -0.007 min
Response: 21337
Conc: 4.40 ng/ml



#36 AR-1262-1

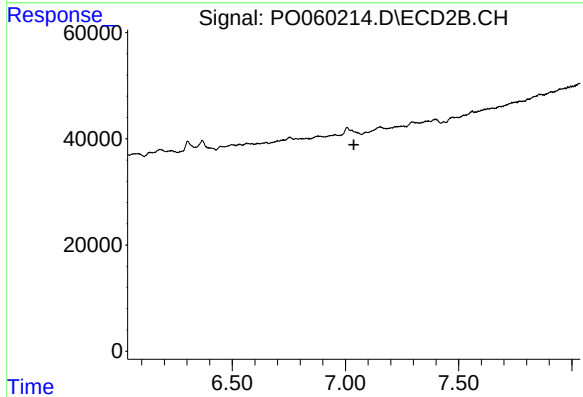
R.T.: 0.000 min
Exp R.T. : 6.538 min
Response: 0
Conc: N.D.



#37 AR-1262-2

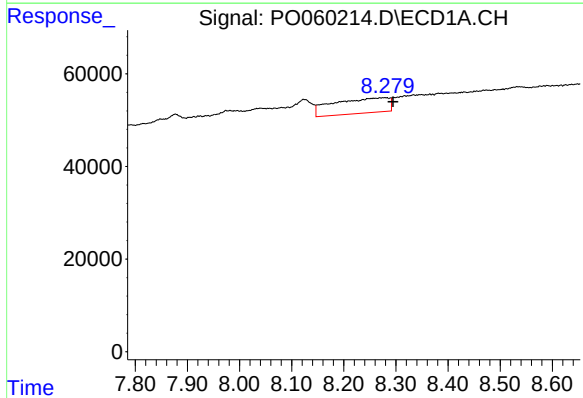
R.T.: 8.040 min
Delta R.T.: 0.003 min
Response: 68174
Conc: 8.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



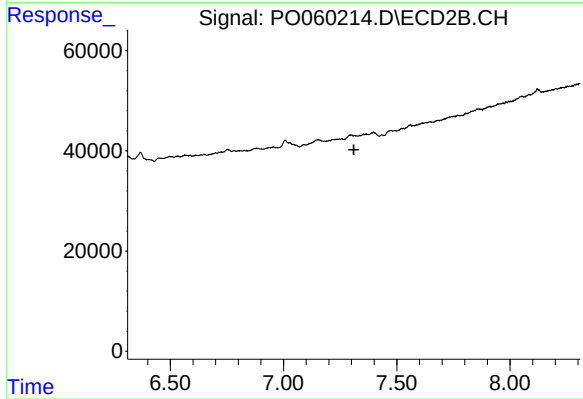
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



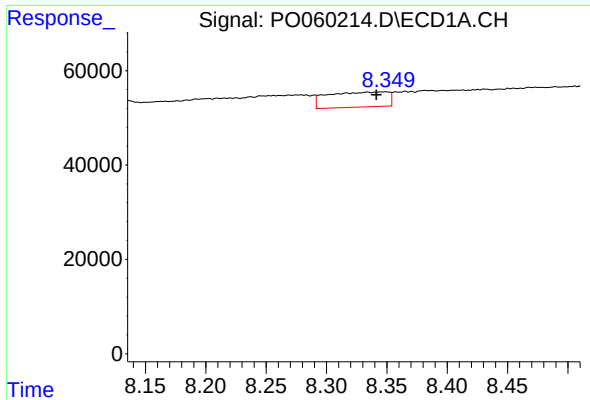
#38 AR-1262-3

R.T.: 8.278 min
Delta R.T.: -0.016 min
Response: 243021
Conc: 47.63 ng/ml



#38 AR-1262-3

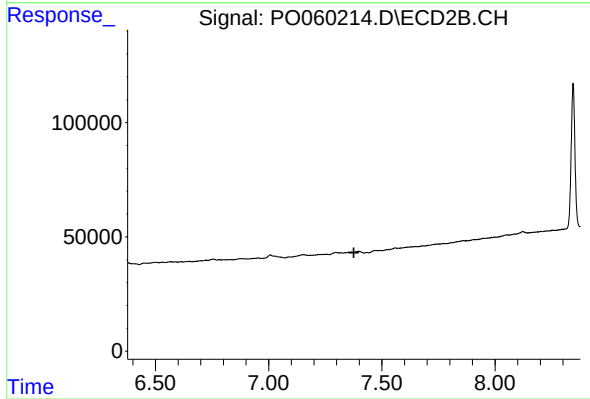
R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#39 AR-1262-4

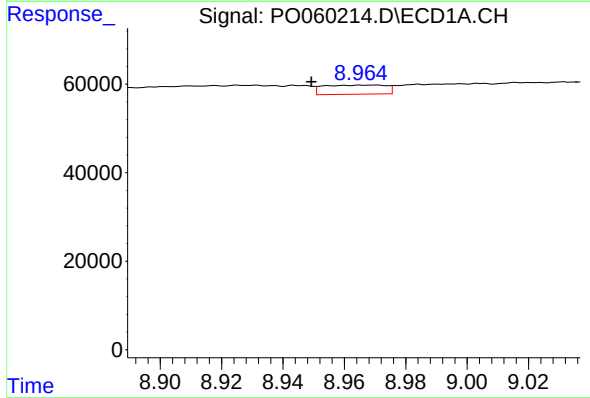
R.T.: 8.349 min
Delta R.T.: 0.008 min
Response: 111355
Conc: 28.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



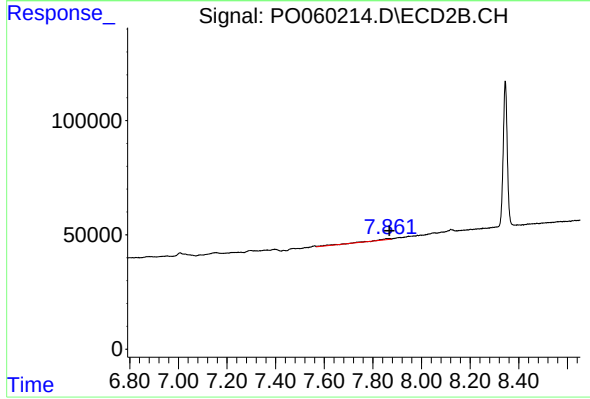
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



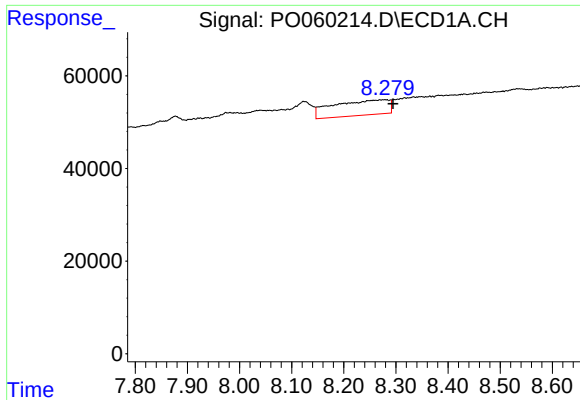
#40 AR-1262-5

R.T.: 8.970 min
Delta R.T.: 0.021 min
Response: 29447
Conc: 11.47 ng/ml



#40 AR-1262-5

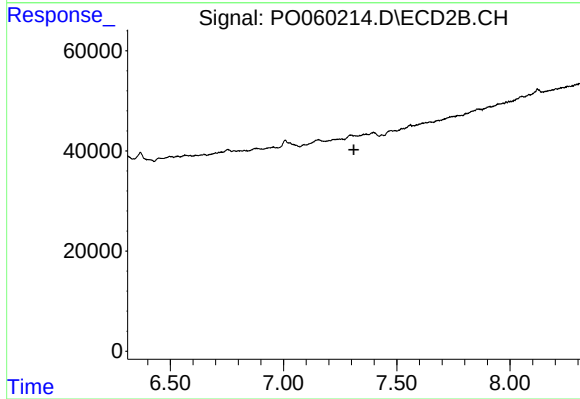
R.T.: 7.861 min
Delta R.T.: -0.008 min
Response: 24884
Conc: 13.78 ng/ml



#41 AR-1268-1

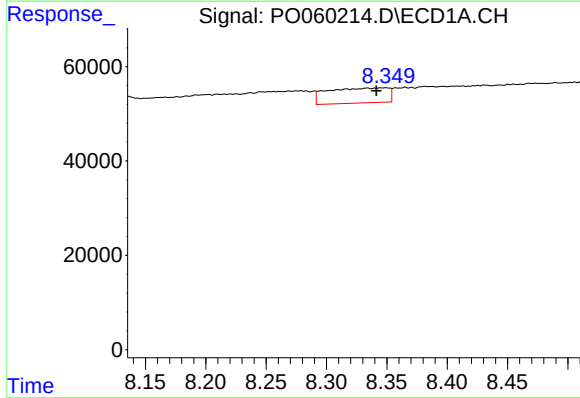
R.T.: 8.278 min
Delta R.T.: -0.016 min
Response: 243021
Conc: 25.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



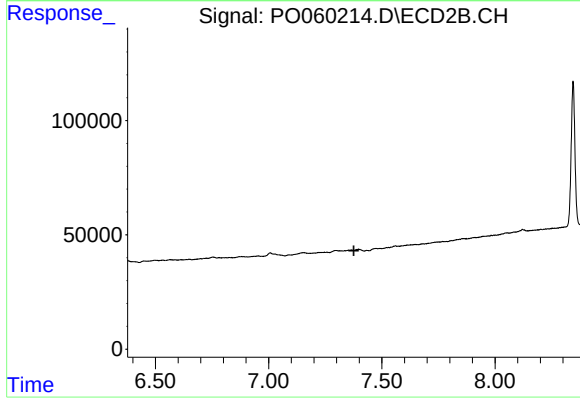
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



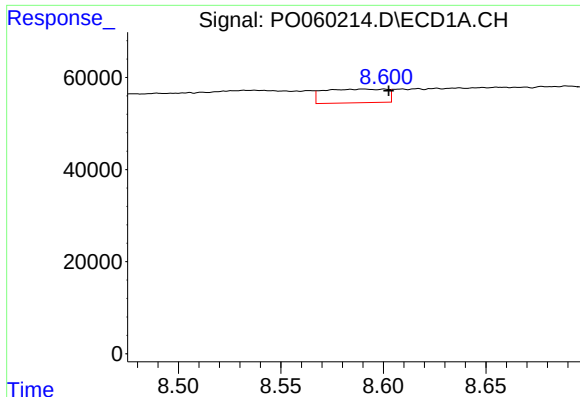
#42 AR-1268-2

R.T.: 8.349 min
Delta R.T.: 0.008 min
Response: 111355
Conc: 14.13 ng/ml



#42 AR-1268-2

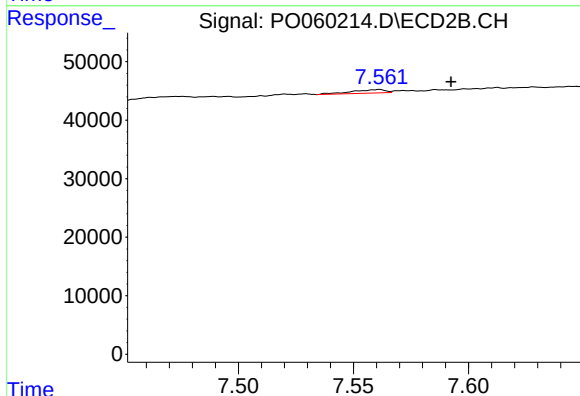
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#43 AR-1268-3

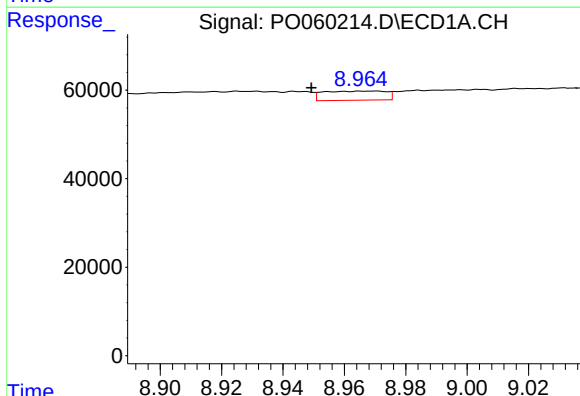
R.T.: 8.590 min
Delta R.T.: -0.012 min
Response: 63362
Conc: 8.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



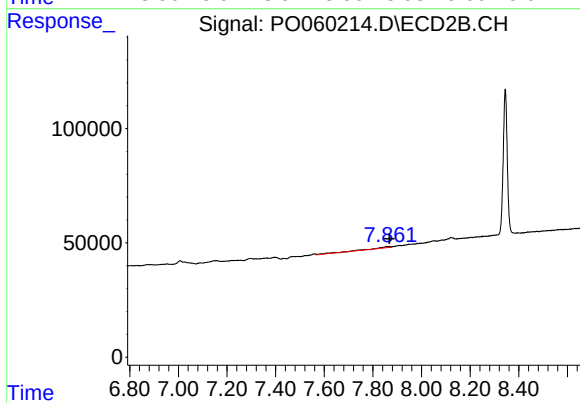
#43 AR-1268-3

R.T.: 7.561 min
Delta R.T.: -0.032 min
Response: 5800
Conc: 1.06 ng/ml



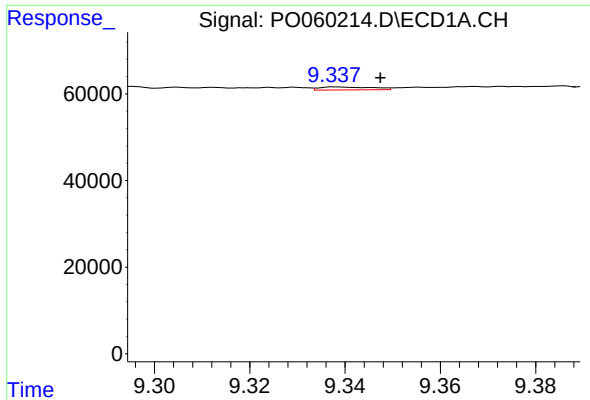
#44 AR-1268-4

R.T.: 8.970 min
Delta R.T.: 0.021 min
Response: 29447
Conc: 10.59 ng/ml



#44 AR-1268-4

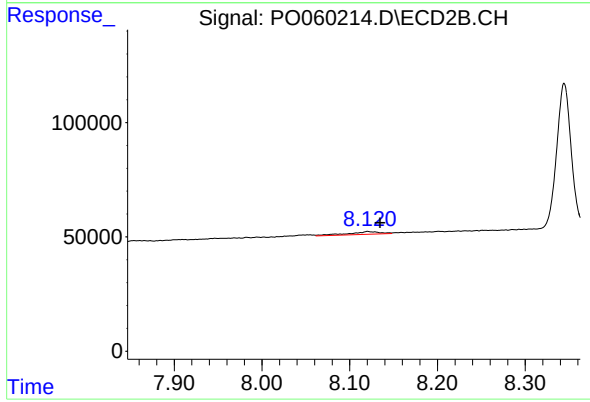
R.T.: 7.861 min
Delta R.T.: -0.008 min
Response: 24884
Conc: 12.19 ng/ml



#45 AR-1268-5

R.T.: 9.339 min
Delta R.T.: -0.009 min
Response: 5310
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-8-(0-2)



#45 AR-1268-5

R.T.: 8.121 min
Delta R.T.: -0.014 min
Response: 29596
Conc: 2.04 ng/ml