

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
 Data File : P0060069.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2019 6:38
 Operator : SM/AJ
 Sample : K4568-16
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SB-36-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 07:35:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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...	4.120	3.498	1141219	996771	32.595	27.691
2)	SA Decachlor...	9.581	8.352	1196668	950964	22.494	23.585
Target Compounds							
3)	L1 AR-1016-1	5.268	0.000	7584	0	4.729	N.D. #
4)	L1 AR-1016-2	5.292	0.000	1473	0	0.615	N.D. #
5)	L1 AR-1016-3	5.346	0.000	9282	0	6.231	N.D. #
6)	L1 AR-1016-4	5.488	0.000	6993	0	5.780	N.D. #
7)	L1 AR-1016-5	5.766	0.000	930	0	0.724	N.D. #
8)	L2 AR-1221-1	4.339	0.000	1154	0	2.724	N.D. #
9)	L2 AR-1221-2	4.419	0.000	23239	0	71.549	N.D. #
10)	L2 AR-1221-3	4.502	0.000	4823	0	4.585	N.D. #
11)	L3 AR-1232-1	4.502	0.000	4823	0	3.869	N.D. #
12)	L3 AR-1232-2	5.026	0.000	13107	0	18.555	N.D. #
13)	L3 AR-1232-3	5.292	0.000	1473	0	0.962	N.D. #
14)	L3 AR-1232-4	5.538	0.000	2885	0	3.690	N.D. #
15)	L3 AR-1232-5	5.607	0.000	12030	0	20.012	N.D. #
16)	L4 AR-1242-1	5.292	0.000	1473	0	1.160	N.D. #
17)	L4 AR-1242-2	5.292	0.000	1473	0	0.794	N.D. #
18)	L4 AR-1242-3	5.346	0.000	9282	0	7.941	N.D. #
19)	L4 AR-1242-4	5.538	0.000	2885	0	2.981	N.D. #
20)	L4 AR-1242-5	6.203	0.000	18685	0	14.870	N.D. #
21)	L5 AR-1248-1	5.268	0.000	7584	0	7.565	N.D. #
22)	L5 AR-1248-2	5.538	0.000	2885	0	1.989	N.D. #
23)	L5 AR-1248-3	5.680	0.000	3024	0	1.820	N.D. #
24)	L5 AR-1248-4	6.134	0.000	26393	0	12.912	N.D. #
25)	L5 AR-1248-5	6.184	0.000	14643	0	7.384	N.D. #
26)	L6 AR-1254-1	6.104	0.000	9257	0	4.437	N.D. #
27)	L6 AR-1254-2	6.323	5.537	34982	26019	10.485	12.400
28)	L6 AR-1254-3	6.714	0.000	74601	0	21.024	N.D. #
29)	L6 AR-1254-4	6.969	6.094	16598	126179	5.635	61.198 #
30)	L6 AR-1254-5	7.385	0.000	64415	0	20.830	N.D. #
31)	L7 AR-1260-1	6.848	0.000	75243	0	27.911	N.D. #
32)	L7 AR-1260-2	7.110	6.175	12860	54282	3.466	18.527 #
33)	L7 AR-1260-3	7.452	6.375	69029	38826	21.069	14.656 #
34)	L7 AR-1260-4	7.689	0.000	106929	0	34.815	N.D. #
35)	L7 AR-1260-5	7.986	7.032	108784	48261	15.363	8.769 #
36)	L8 AR-1262-1	7.478	0.000	15928	0	3.282	N.D. #
37)	L8 AR-1262-2	8.070	7.032	159648	48261	20.691	8.209 #
38)	L8 AR-1262-3	8.290	7.305	56415	62923	11.057	24.764 #
39)	L8 AR-1262-4	8.351	7.407	131166	26682	34.027	6.038 #
40)	L8 AR-1262-5	8.939	0.000	46438	0	18.094	N.D. #
41)	L9 AR-1268-1	8.290	7.305	56415	62923	5.995	8.836 #

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 Misc :
 ALS Vial : 65 Sample Multiplier: 1

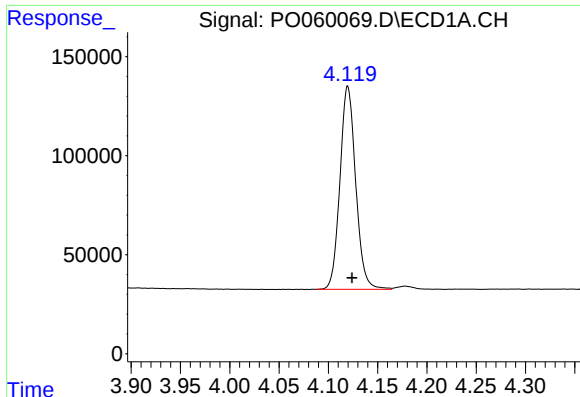
Instrument :
 ECD_O
 ClientSampleId :
 SB-36-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.351	7.407	131166	26682	16.640	4.138 #
43) L9	AR-1268-3	8.596	0.000	76440	0	10.844	N.D. #
44) L9	AR-1268-4	8.939	0.000	46438	0	16.704	N.D. #
45) L9	AR-1268-5	9.299	8.127	67541	74234	3.662	5.109 #

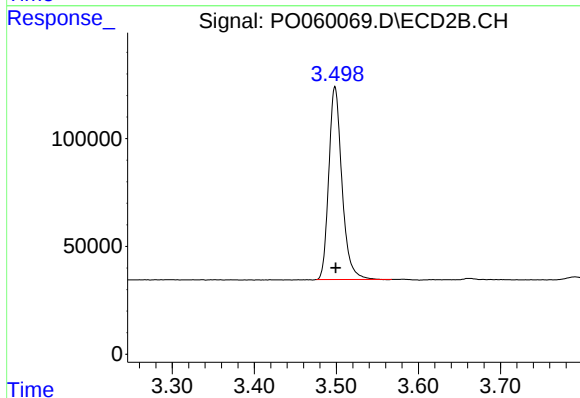
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

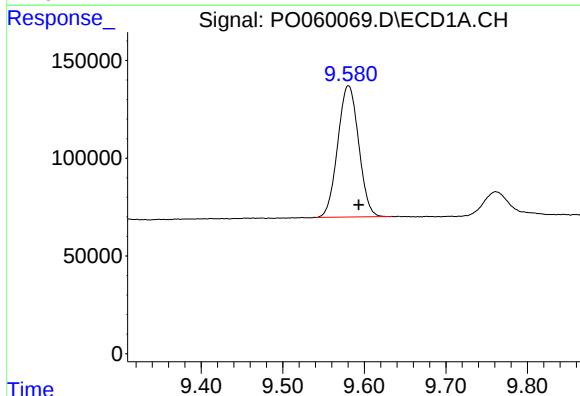
R.T.: 4.120 min
Delta R.T.: -0.004 min
Response: 1141219
Conc: 32.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



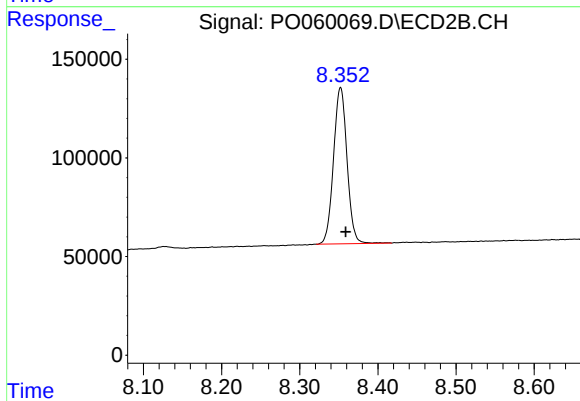
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 996771
Conc: 27.69 ng/ml



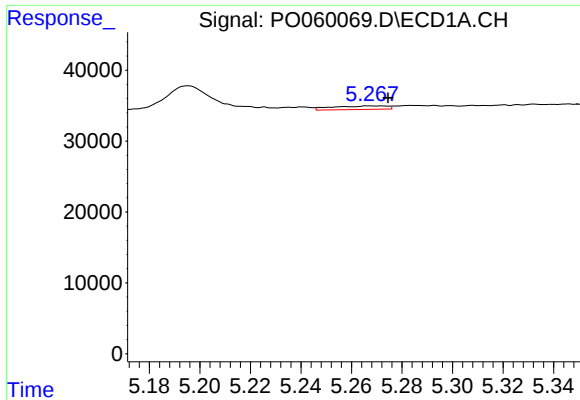
#2 Decachlorobiphenyl

R.T.: 9.581 min
Delta R.T.: -0.013 min
Response: 1196668
Conc: 22.49 ng/ml



#2 Decachlorobiphenyl

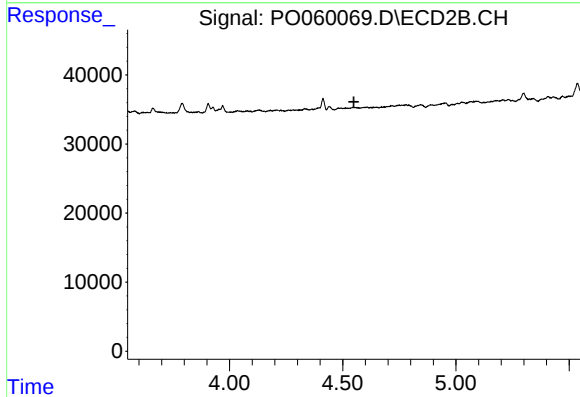
R.T.: 8.352 min
Delta R.T.: -0.007 min
Response: 950964
Conc: 23.58 ng/ml



#3 AR-1016-1

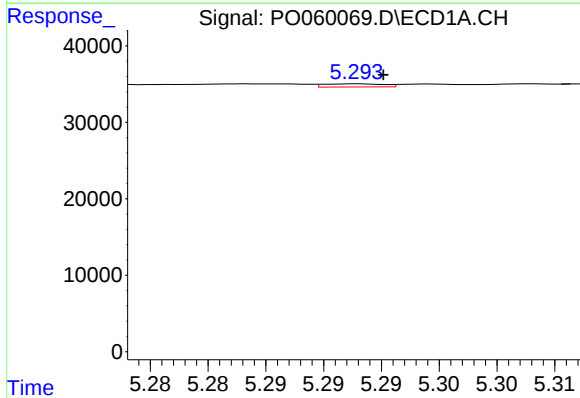
R.T.: 5.268 min
Delta R.T.: -0.007 min
Response: 7584
Conc: 4.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



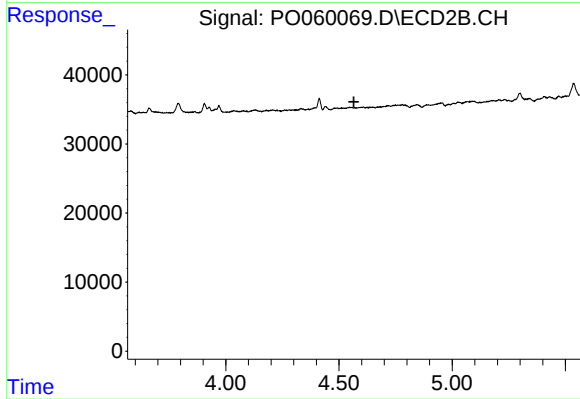
#3 AR-1016-1

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



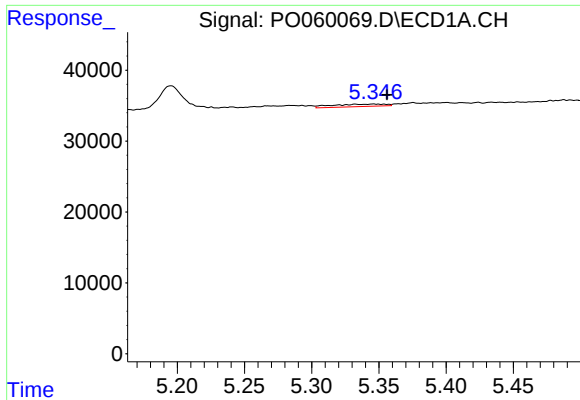
#4 AR-1016-2

R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 1473
Conc: 0.62 ng/ml



#4 AR-1016-2

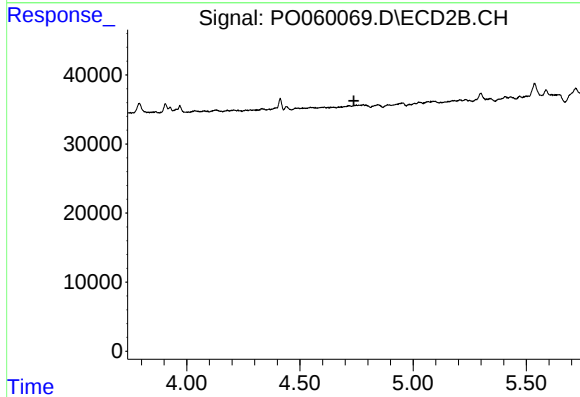
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

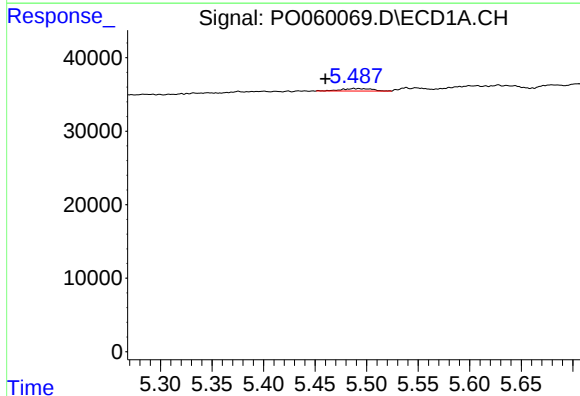
R.T.: 5.346 min
Delta R.T.: -0.010 min
Response: 9282
Conc: 6.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



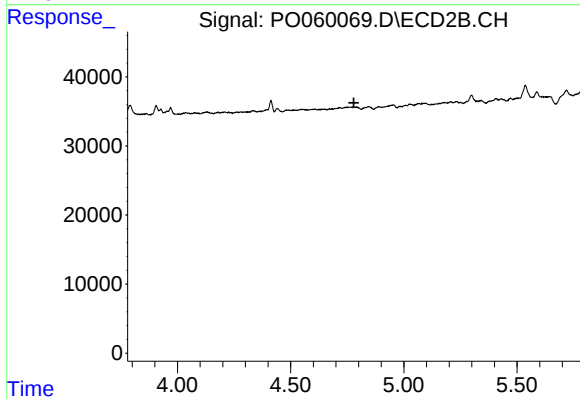
#5 AR-1016-3

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



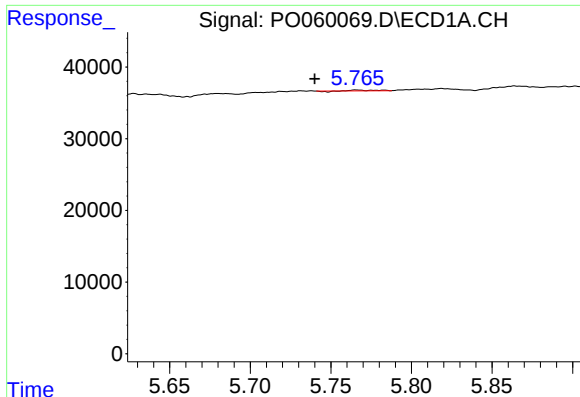
#6 AR-1016-4

R.T.: 5.488 min
Delta R.T.: 0.028 min
Response: 6993
Conc: 5.78 ng/ml



#6 AR-1016-4

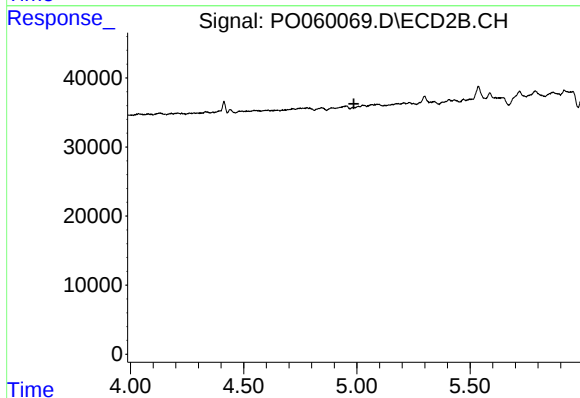
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

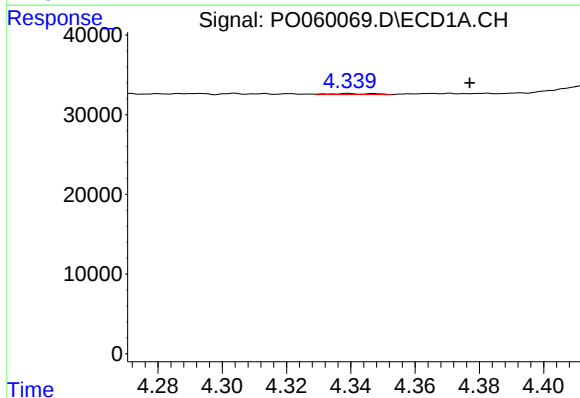
R.T.: 5.766 min
Delta R.T.: 0.026 min
Response: 930
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



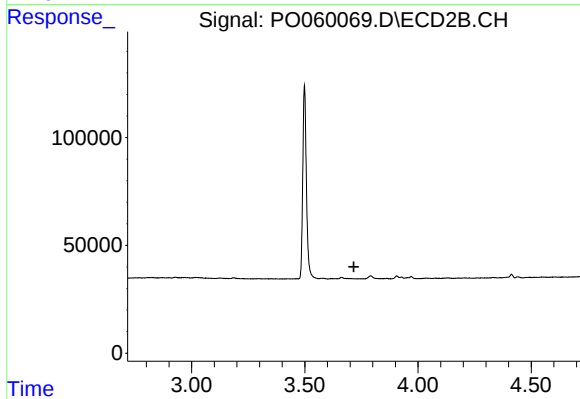
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



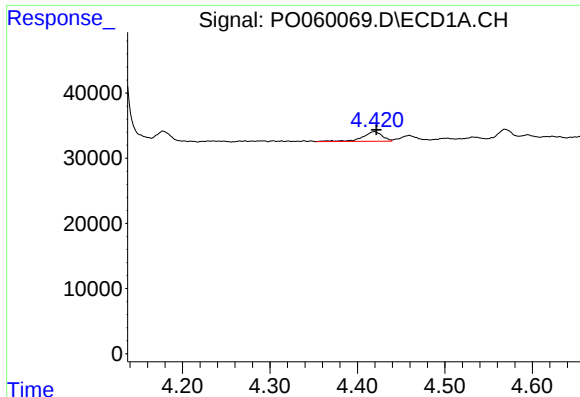
#8 AR-1221-1

R.T.: 4.339 min
Delta R.T.: -0.038 min
Response: 1154
Conc: 2.72 ng/ml



#8 AR-1221-1

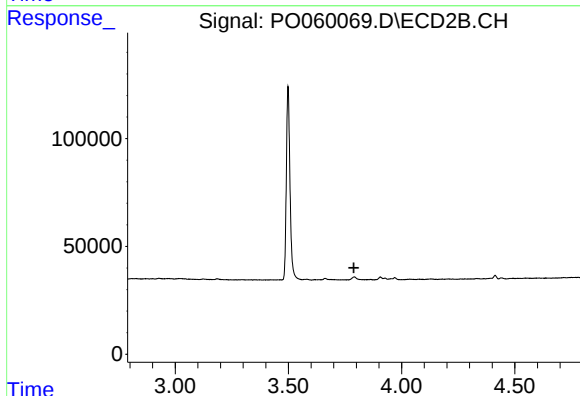
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

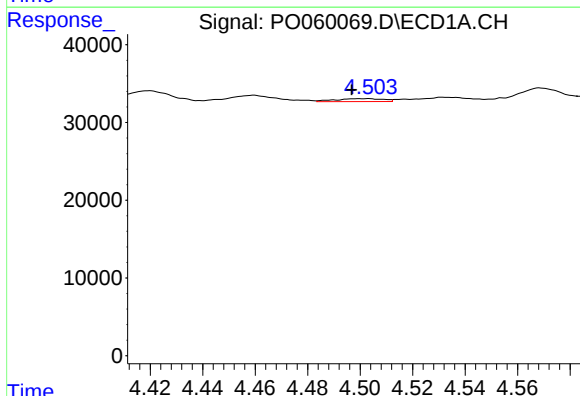
R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 23239
Conc: 71.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



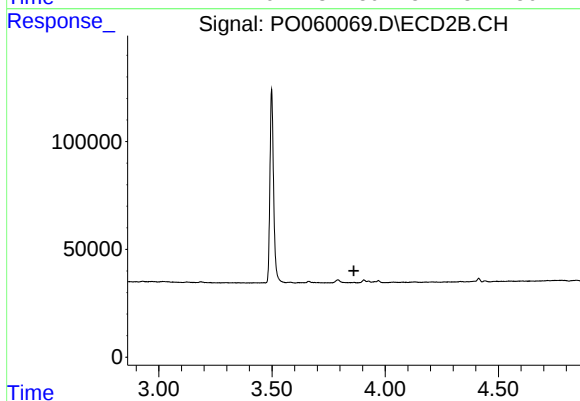
#9 AR-1221-2

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



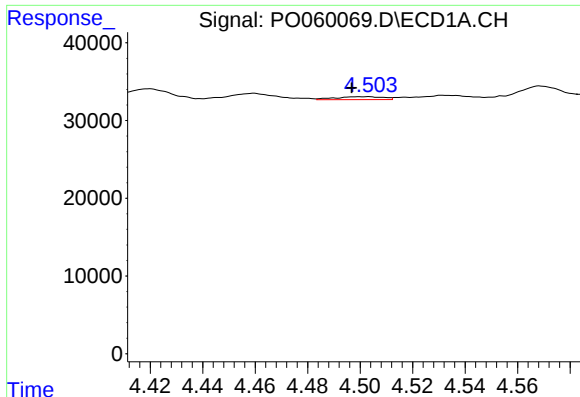
#10 AR-1221-3

R.T.: 4.502 min
Delta R.T.: 0.006 min
Response: 4823
Conc: 4.58 ng/ml



#10 AR-1221-3

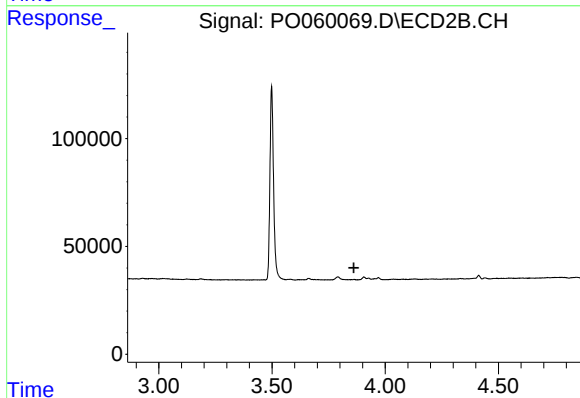
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

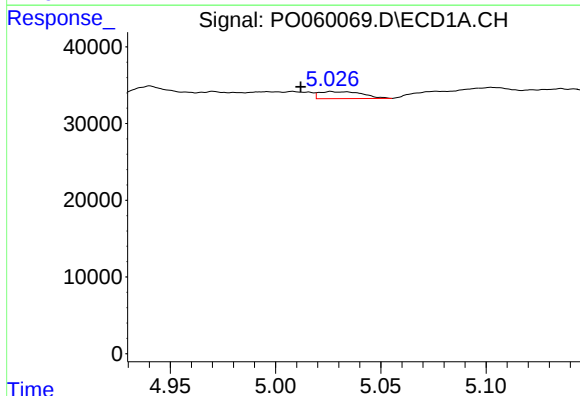
R.T.: 4.502 min
Delta R.T.: 0.006 min
Response: 4823
Conc: 3.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



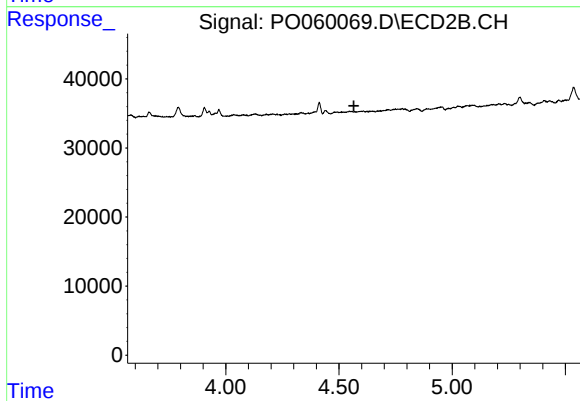
#11 AR-1232-1

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



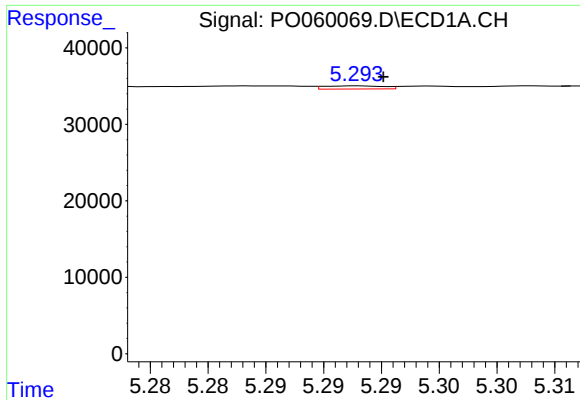
#12 AR-1232-2

R.T.: 5.026 min
Delta R.T.: 0.014 min
Response: 13107
Conc: 18.55 ng/ml



#12 AR-1232-2

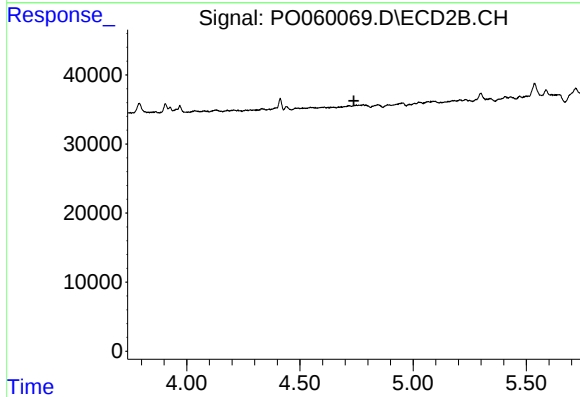
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

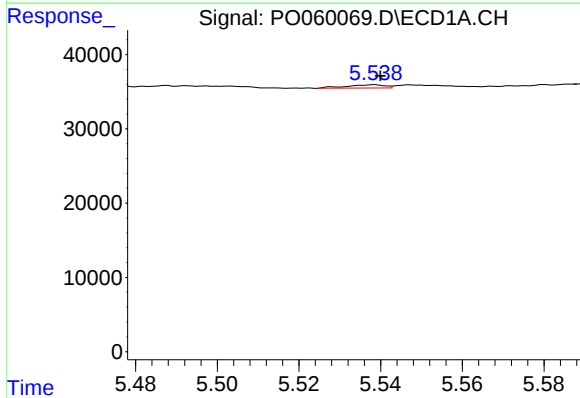
R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 1473
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



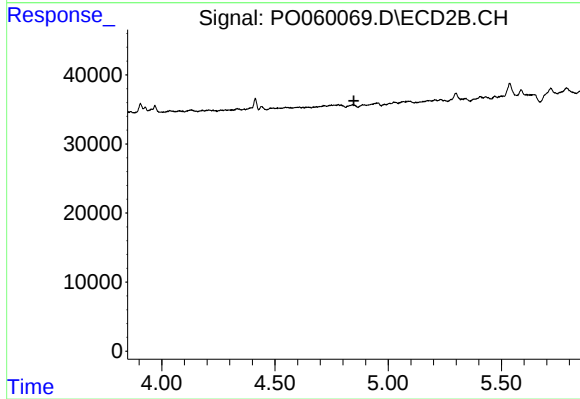
#13 AR-1232-3

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



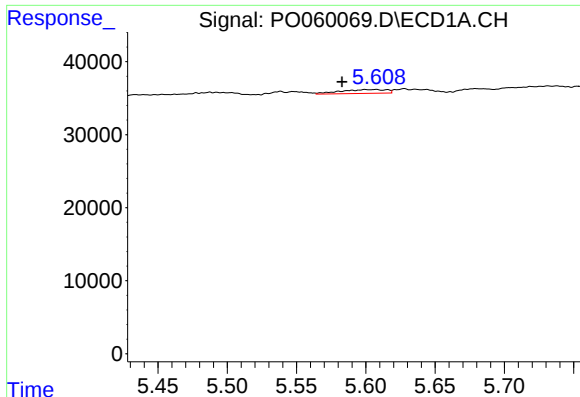
#14 AR-1232-4

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 2885
Conc: 3.69 ng/ml



#14 AR-1232-4

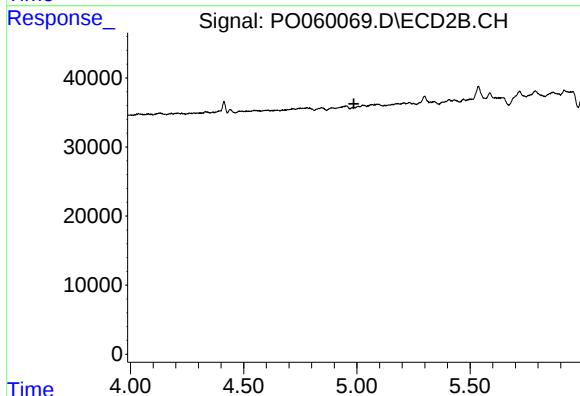
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

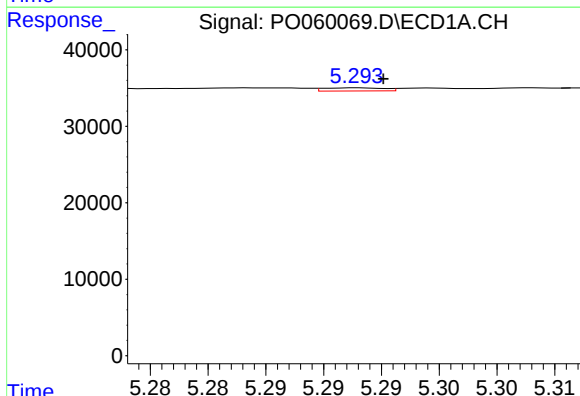
R.T.: 5.607 min
Delta R.T.: 0.024 min
Response: 12030
Conc: 20.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
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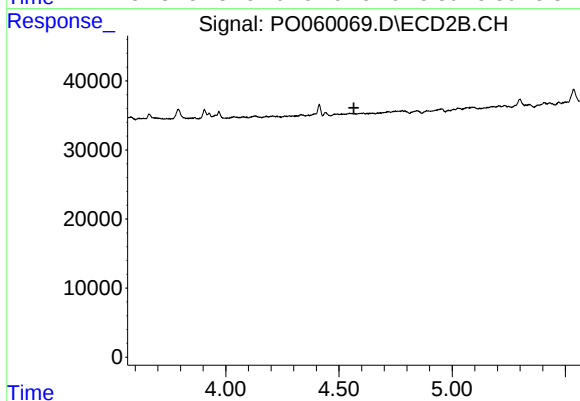
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



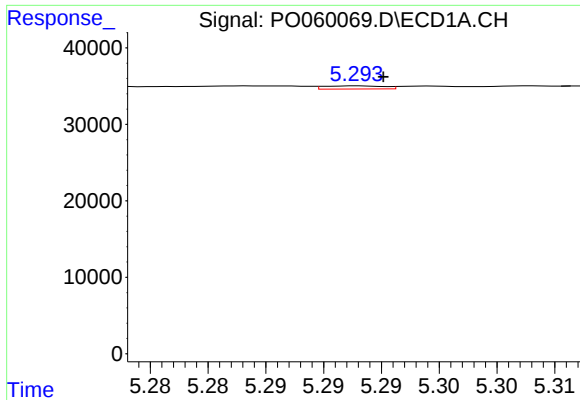
#16 AR-1242-1

R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 1473
Conc: 1.16 ng/ml



#16 AR-1242-1

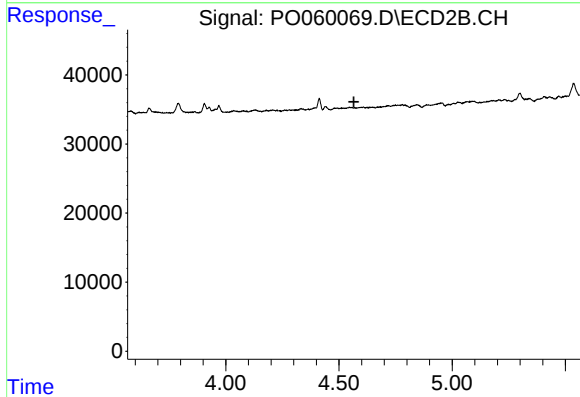
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

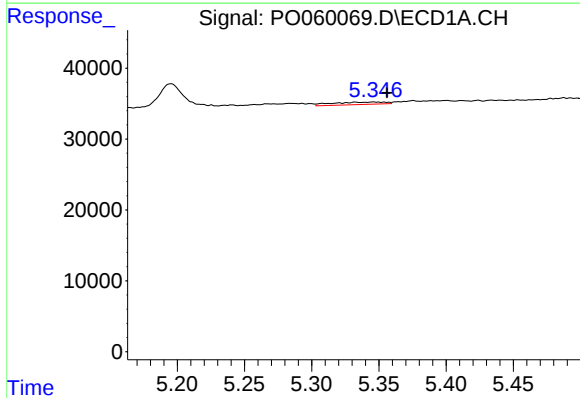
R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 1473
Conc: 0.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



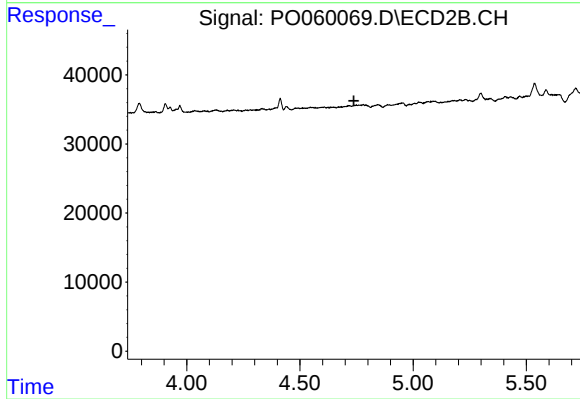
#17 AR-1242-2

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



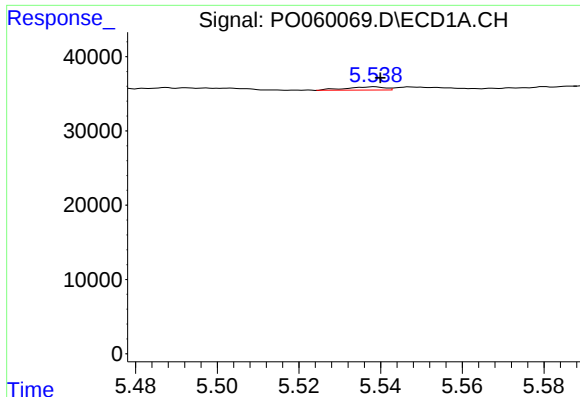
#18 AR-1242-3

R.T.: 5.346 min
Delta R.T.: -0.010 min
Response: 9282
Conc: 7.94 ng/ml



#18 AR-1242-3

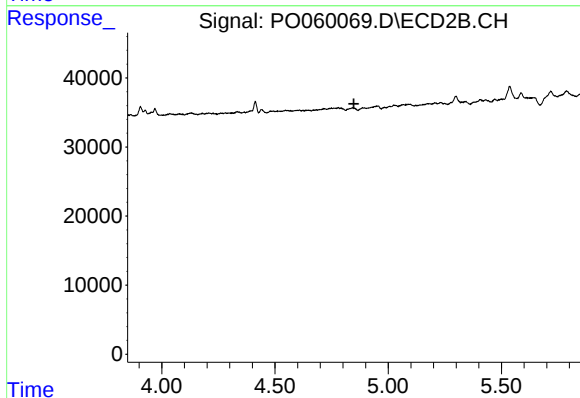
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

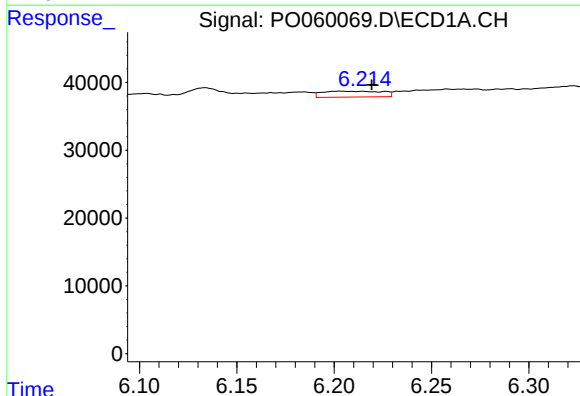
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 2885
Conc: 2.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



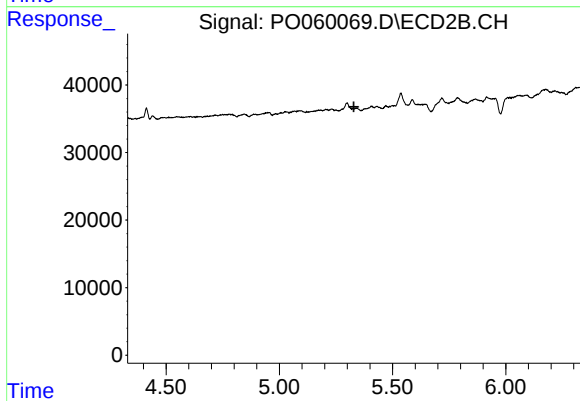
#19 AR-1242-4

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



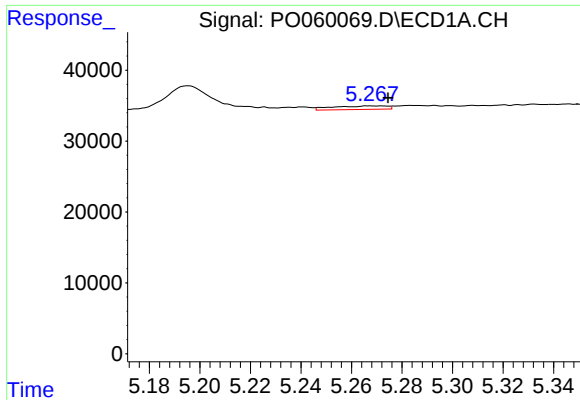
#20 AR-1242-5

R.T.: 6.203 min
Delta R.T.: -0.016 min
Response: 18685
Conc: 14.87 ng/ml



#20 AR-1242-5

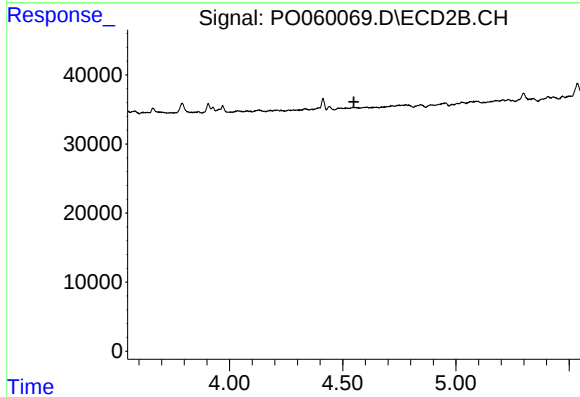
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

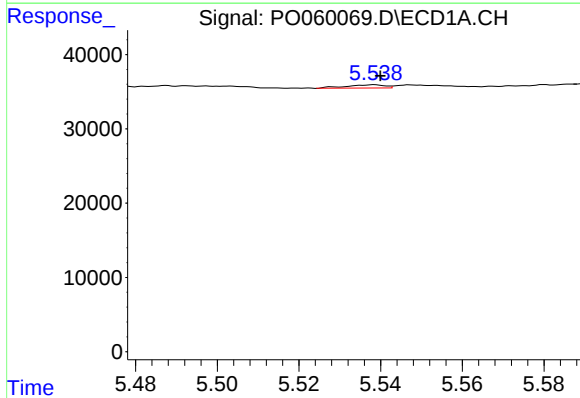
R.T.: 5.268 min
Delta R.T.: -0.007 min
Response: 7584
Conc: 7.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



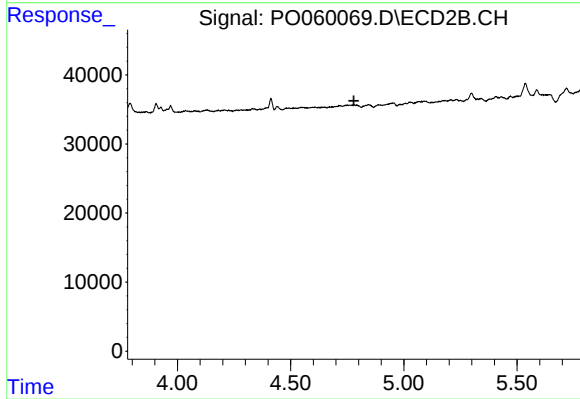
#21 AR-1248-1

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



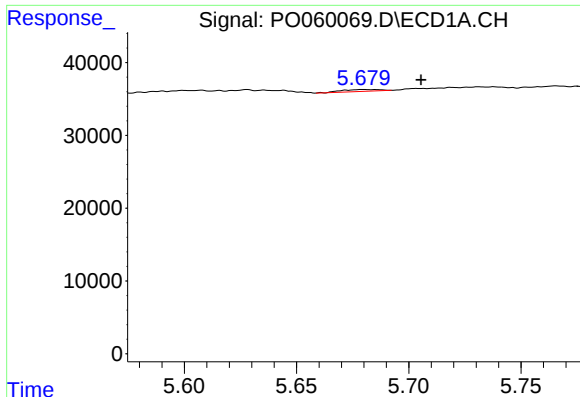
#22 AR-1248-2

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 2885
Conc: 1.99 ng/ml



#22 AR-1248-2

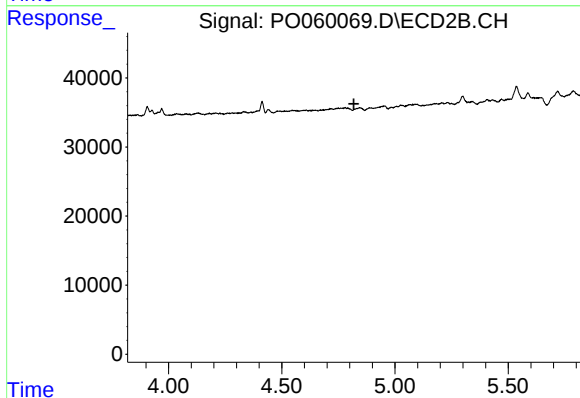
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

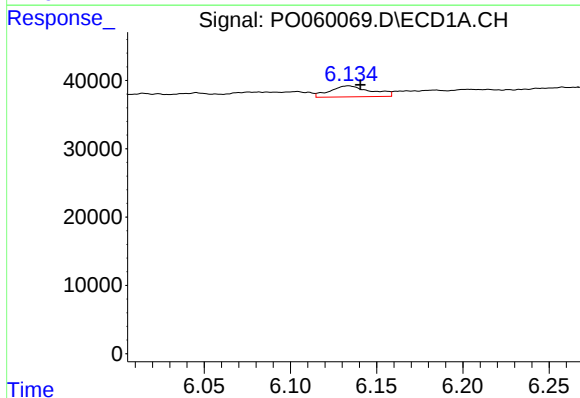
R.T.: 5.680 min
Delta R.T.: -0.026 min
Response: 3024
Conc: 1.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



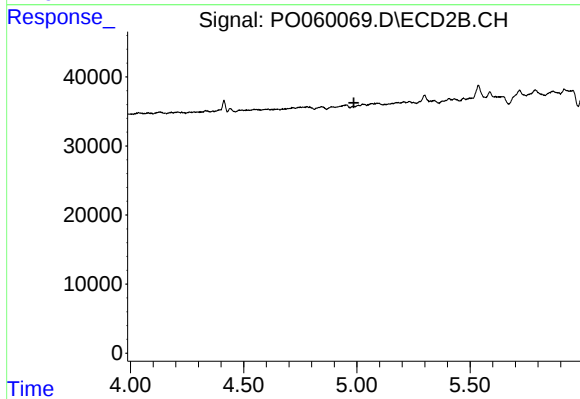
#23 AR-1248-3

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



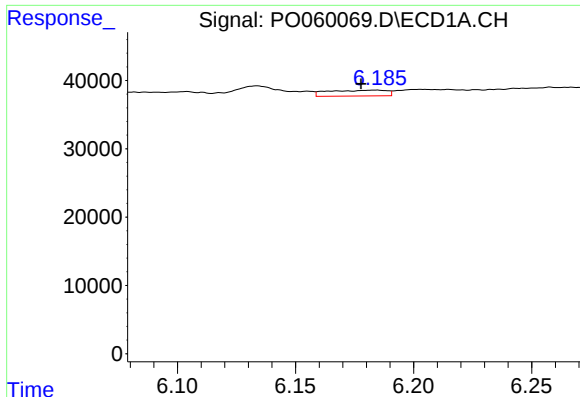
#24 AR-1248-4

R.T.: 6.134 min
Delta R.T.: -0.007 min
Response: 26393
Conc: 12.91 ng/ml



#24 AR-1248-4

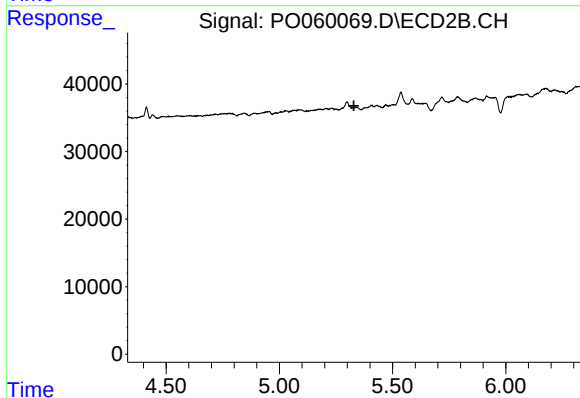
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

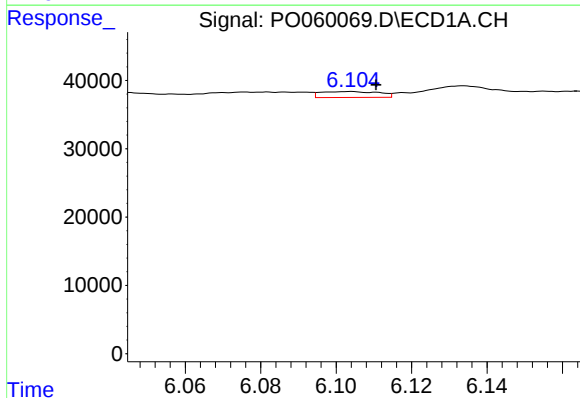
R.T.: 6.184 min
Delta R.T.: 0.006 min
Response: 14643
Conc: 7.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



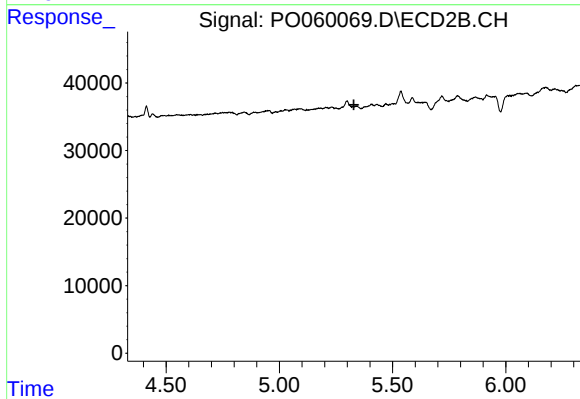
#25 AR-1248-5

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



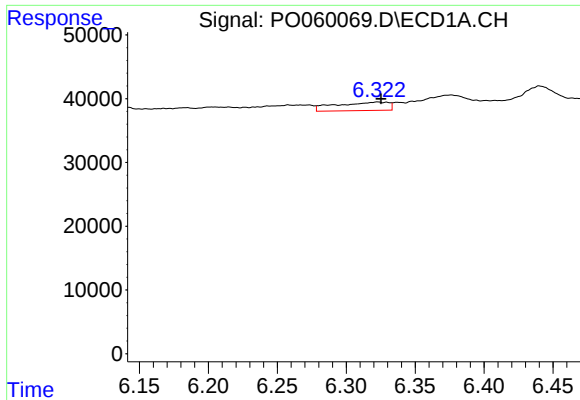
#26 AR-1254-1

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 9257
Conc: 4.44 ng/ml



#26 AR-1254-1

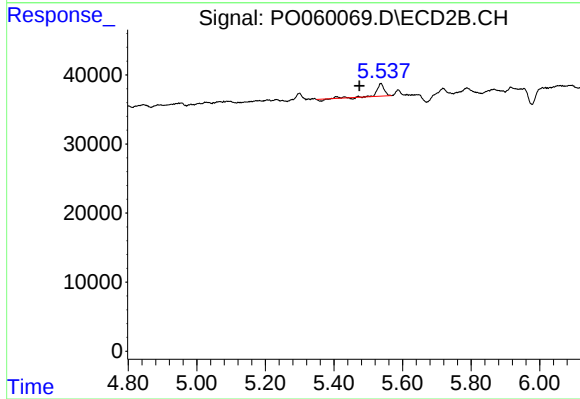
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

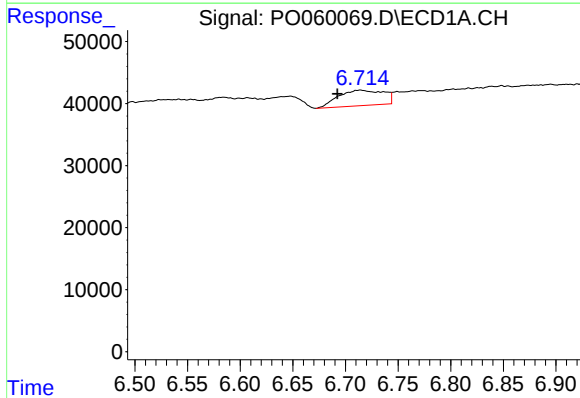
R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 34982
Conc: 10.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



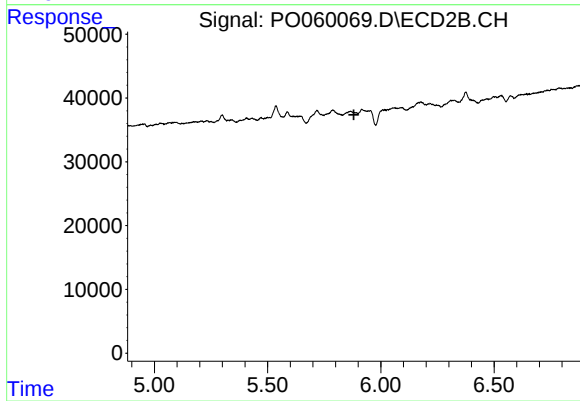
#27 AR-1254-2

R.T.: 5.537 min
Delta R.T.: 0.063 min
Response: 26019
Conc: 12.40 ng/ml



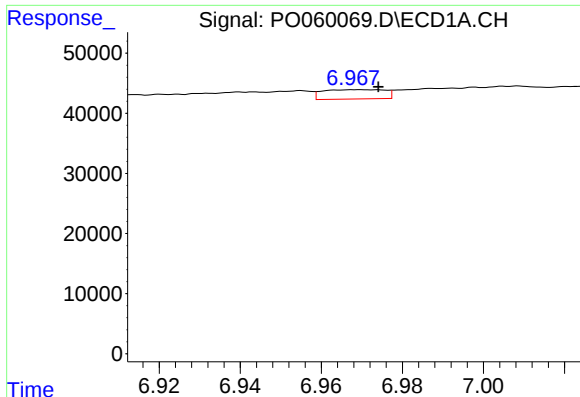
#28 AR-1254-3

R.T.: 6.714 min
Delta R.T.: 0.022 min
Response: 74601
Conc: 21.02 ng/ml



#28 AR-1254-3

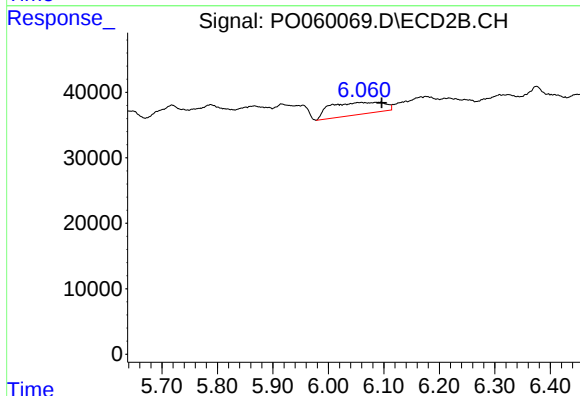
R.T.: 0.000 min
Exp R.T.: 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

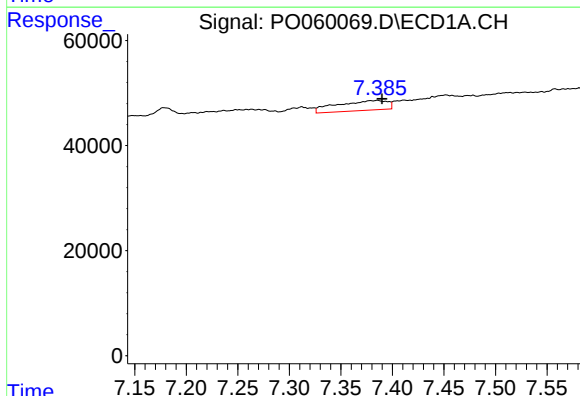
R.T.: 6.969 min
Delta R.T.: -0.005 min
Response: 16598
Conc: 5.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



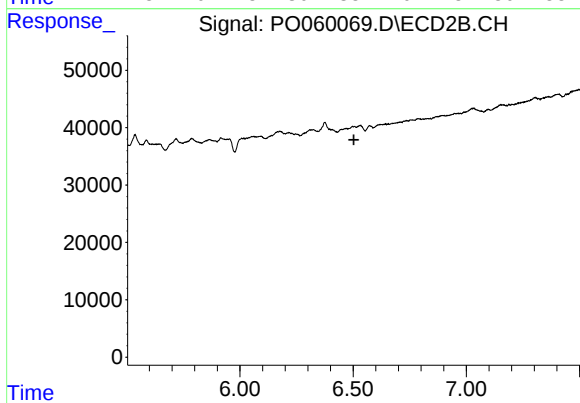
#29 AR-1254-4

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 126179
Conc: 61.20 ng/ml



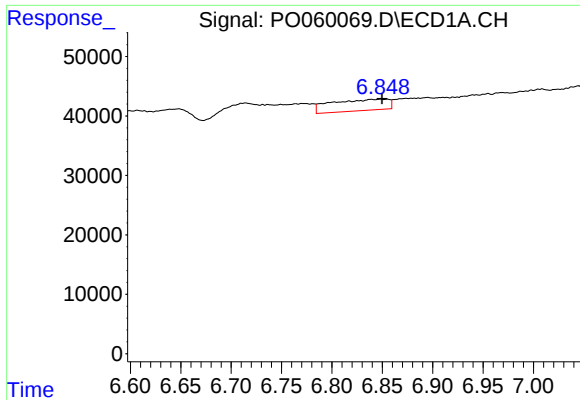
#30 AR-1254-5

R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 64415
Conc: 20.83 ng/ml



#30 AR-1254-5

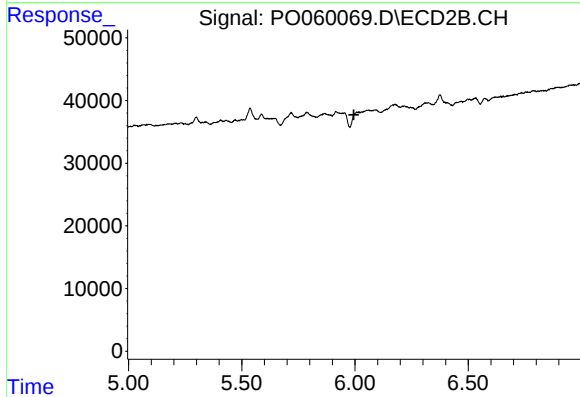
R.T.: 0.000 min
Exp R.T.: 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

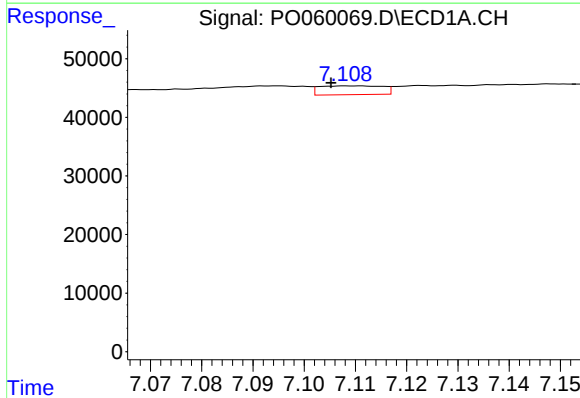
R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 75243
Conc: 27.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



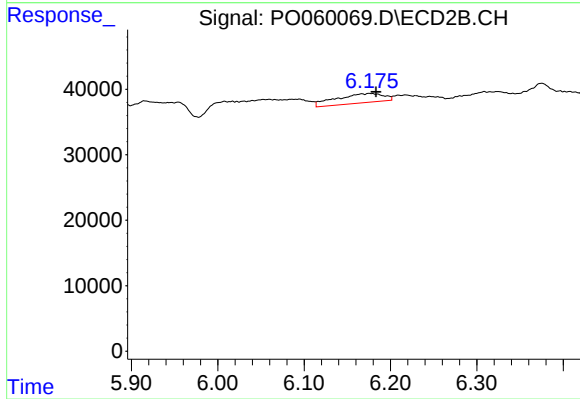
#31 AR-1260-1

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



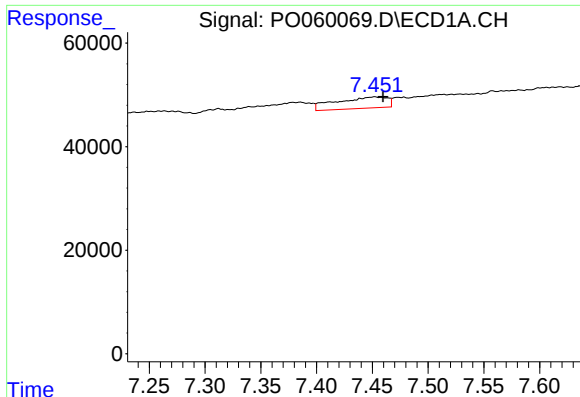
#32 AR-1260-2

R.T.: 7.110 min
Delta R.T.: 0.005 min
Response: 12860
Conc: 3.47 ng/ml



#32 AR-1260-2

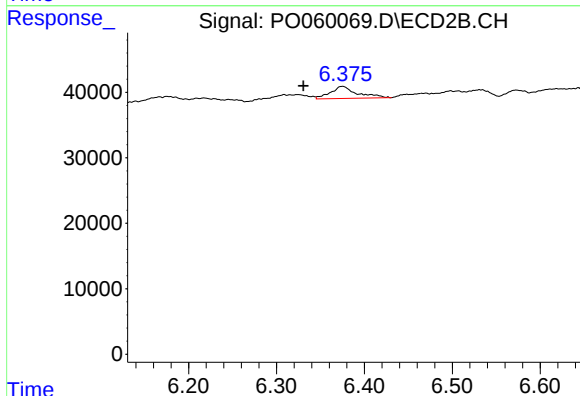
R.T.: 6.175 min
Delta R.T.: -0.008 min
Response: 54282
Conc: 18.53 ng/ml



#33 AR-1260-3

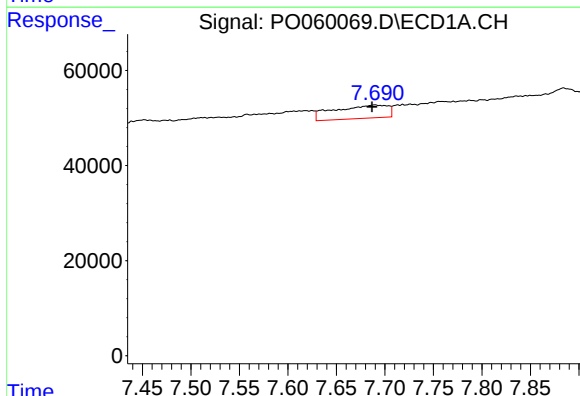
R.T.: 7.452 min
Delta R.T.: -0.008 min
Response: 69029
Conc: 21.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



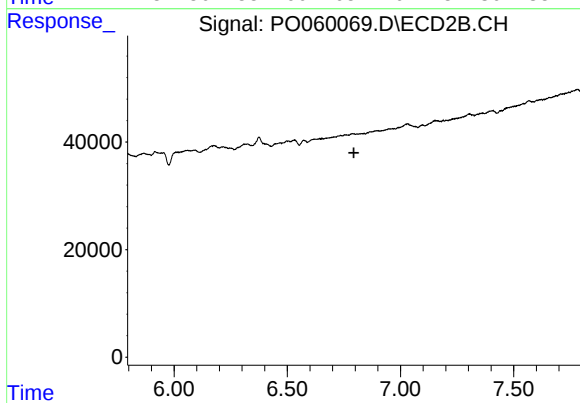
#33 AR-1260-3

R.T.: 6.375 min
Delta R.T.: 0.044 min
Response: 38826
Conc: 14.66 ng/ml



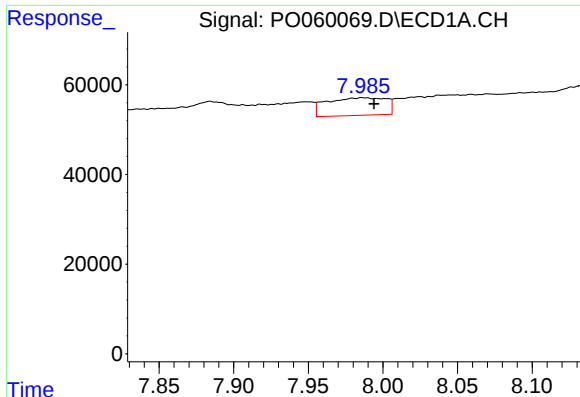
#34 AR-1260-4

R.T.: 7.689 min
Delta R.T.: 0.003 min
Response: 106929
Conc: 34.82 ng/ml



#34 AR-1260-4

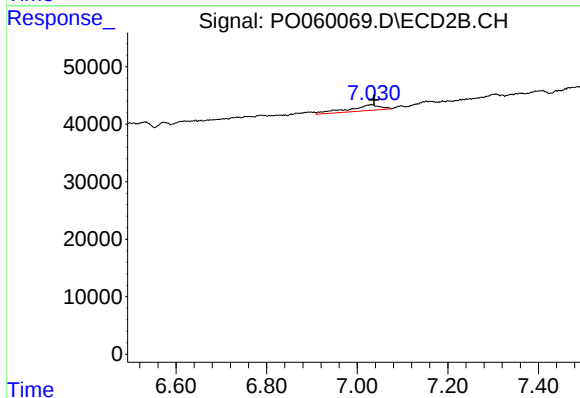
R.T.: 0.000 min
Exp R.T.: 6.794 min
Response: 0
Conc: N.D.



#35 AR-1260-5

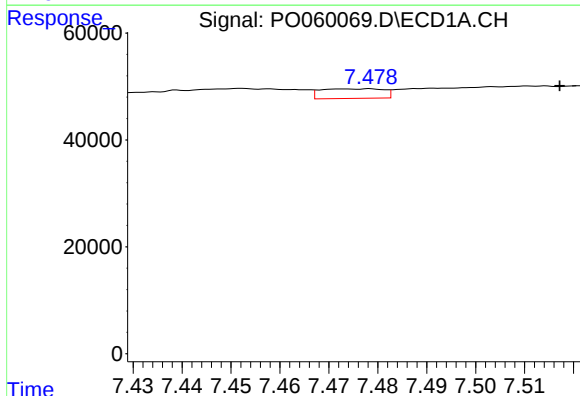
R.T.: 7.986 min
Delta R.T.: -0.008 min
Response: 108784
Conc: 15.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



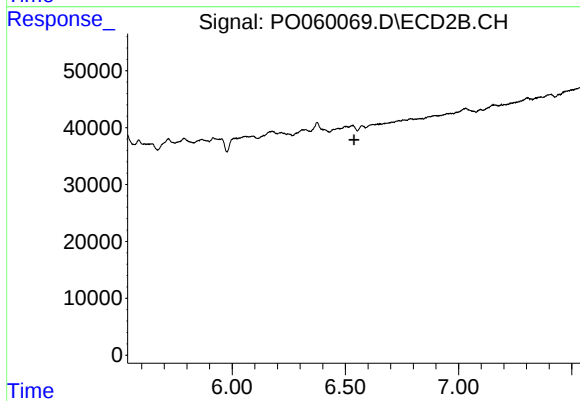
#35 AR-1260-5

R.T.: 7.032 min
Delta R.T.: -0.006 min
Response: 48261
Conc: 8.77 ng/ml



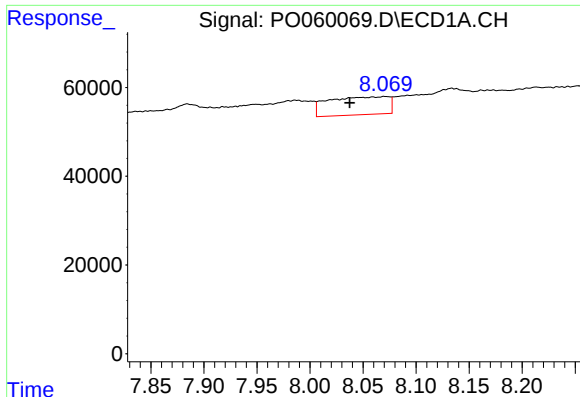
#36 AR-1262-1

R.T.: 7.478 min
Delta R.T.: -0.039 min
Response: 15928
Conc: 3.28 ng/ml



#36 AR-1262-1

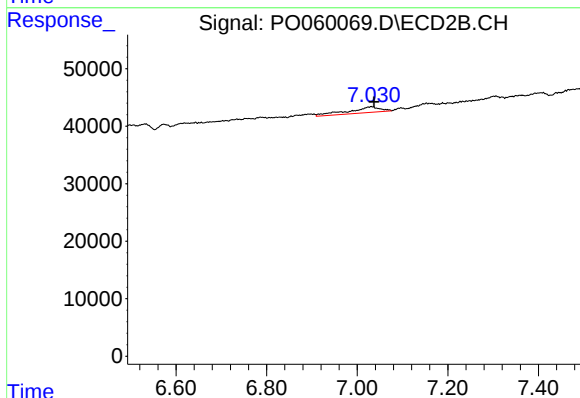
R.T.: 0.000 min
Exp R.T.: 6.538 min
Response: 0
Conc: N.D.



#37 AR-1262-2

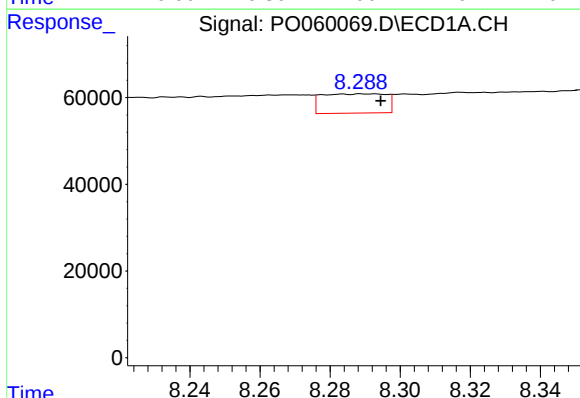
R.T.: 8.070 min
Delta R.T.: 0.033 min
Response: 159648
Conc: 20.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



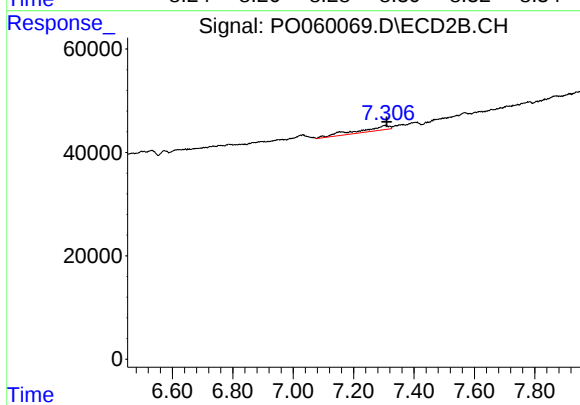
#37 AR-1262-2

R.T.: 7.032 min
Delta R.T.: -0.006 min
Response: 48261
Conc: 8.21 ng/ml



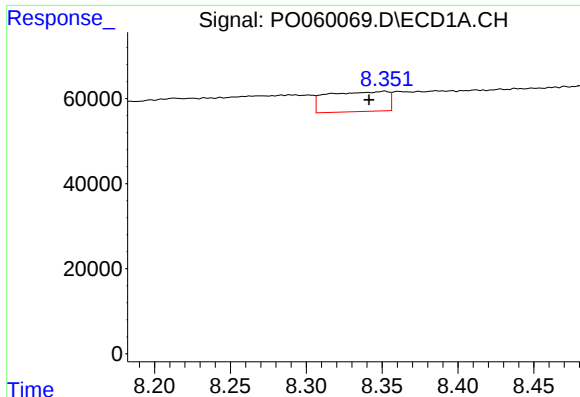
#38 AR-1262-3

R.T.: 8.290 min
Delta R.T.: -0.005 min
Response: 56415
Conc: 11.06 ng/ml



#38 AR-1262-3

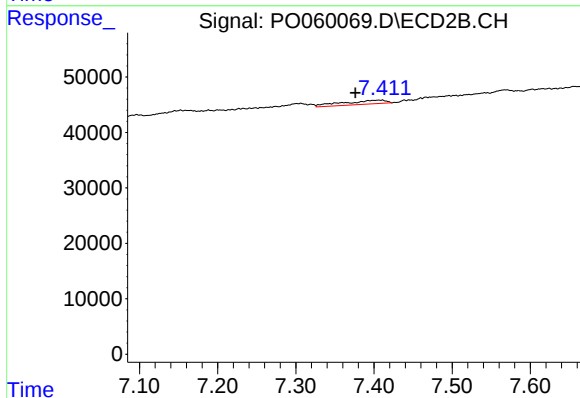
R.T.: 7.305 min
Delta R.T.: -0.005 min
Response: 62923
Conc: 24.76 ng/ml



#39 AR-1262-4

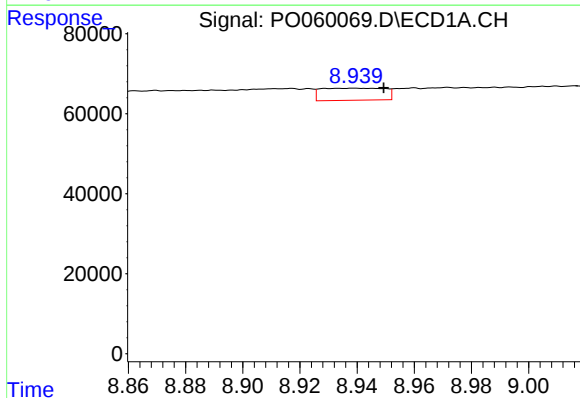
R.T.: 8.351 min
Delta R.T.: 0.010 min
Response: 131166
Conc: 34.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



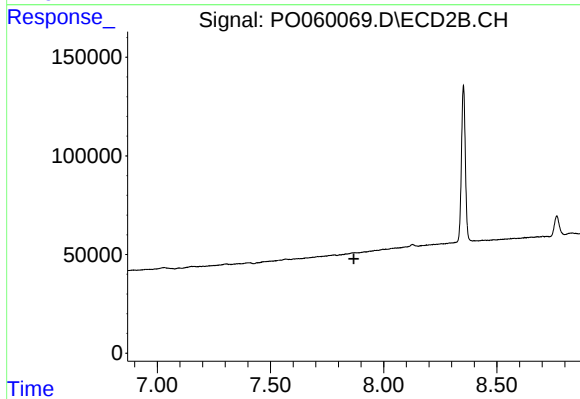
#39 AR-1262-4

R.T.: 7.407 min
Delta R.T.: 0.031 min
Response: 26682
Conc: 6.04 ng/ml



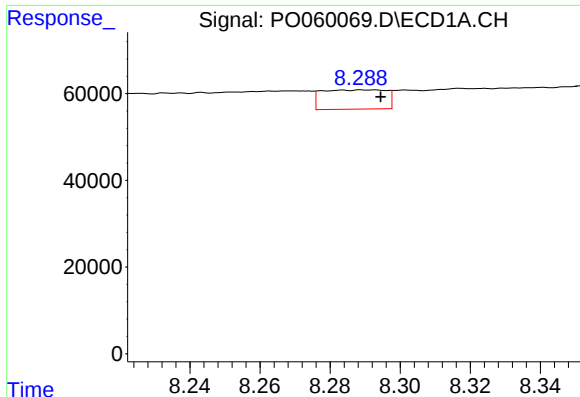
#40 AR-1262-5

R.T.: 8.939 min
Delta R.T.: -0.010 min
Response: 46438
Conc: 18.09 ng/ml



#40 AR-1262-5

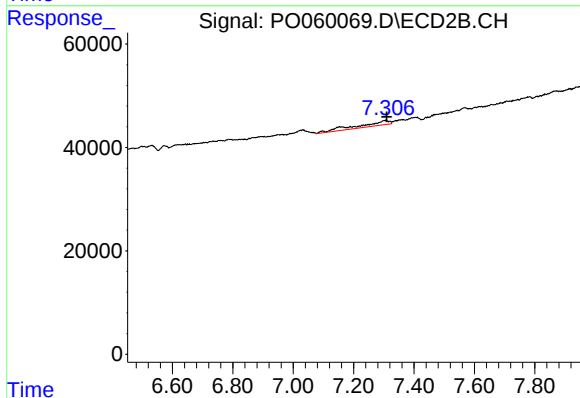
R.T.: 0.000 min
Exp R.T.: 7.868 min
Response: 0
Conc: N.D.



#41 AR-1268-1

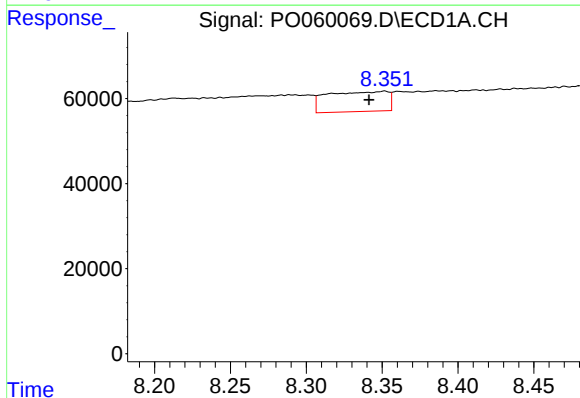
R.T.: 8.290 min
Delta R.T.: -0.005 min
Response: 56415
Conc: 5.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



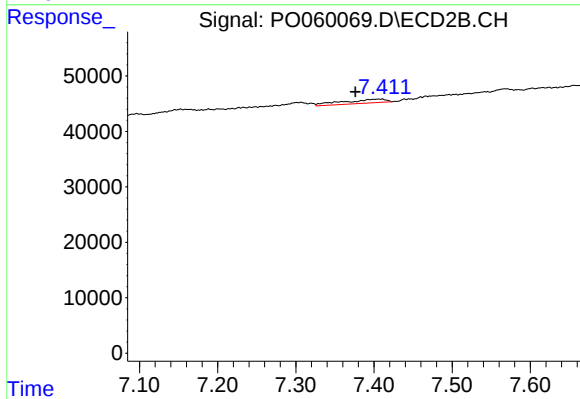
#41 AR-1268-1

R.T.: 7.305 min
Delta R.T.: -0.005 min
Response: 62923
Conc: 8.84 ng/ml



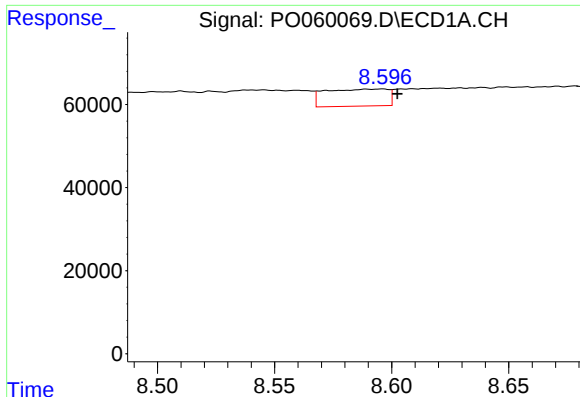
#42 AR-1268-2

R.T.: 8.351 min
Delta R.T.: 0.010 min
Response: 131166
Conc: 16.64 ng/ml



#42 AR-1268-2

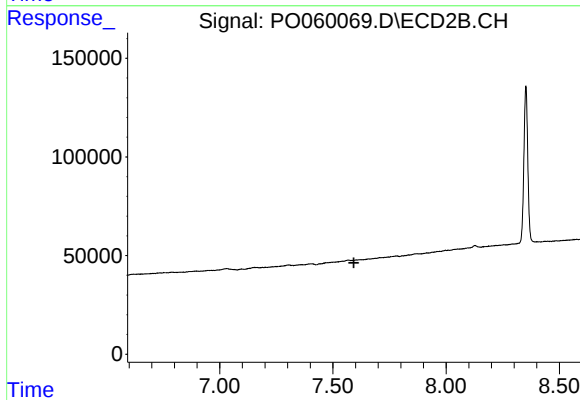
R.T.: 7.407 min
Delta R.T.: 0.031 min
Response: 26682
Conc: 4.14 ng/ml



#43 AR-1268-3

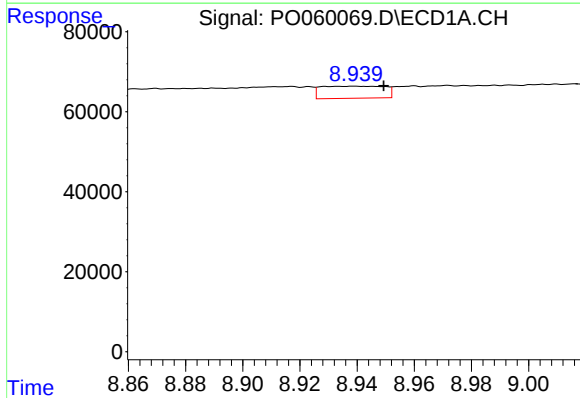
R.T.: 8.596 min
Delta R.T.: -0.007 min
Response: 76440
Conc: 10.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



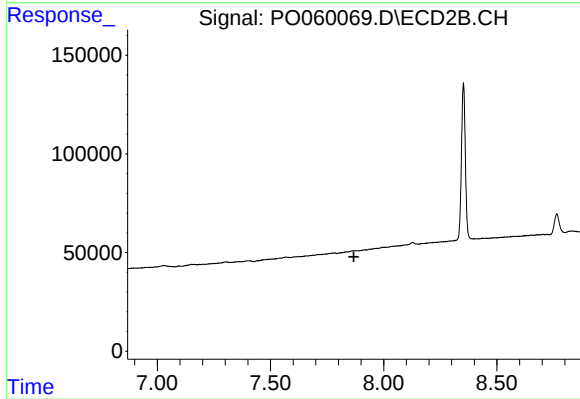
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



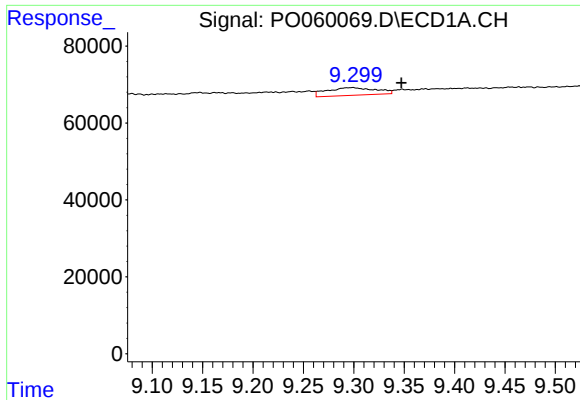
#44 AR-1268-4

R.T.: 8.939 min
Delta R.T.: -0.010 min
Response: 46438
Conc: 16.70 ng/ml



#44 AR-1268-4

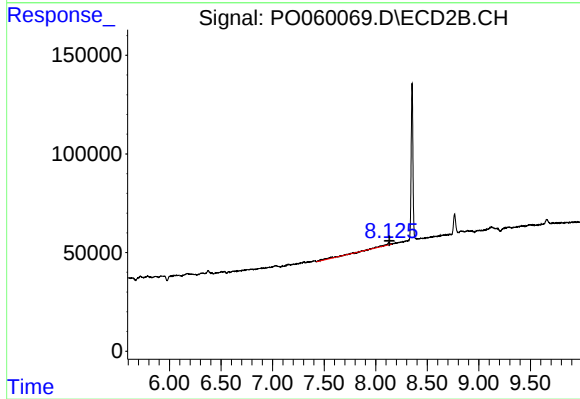
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.299 min
Delta R.T.: -0.048 min
Response: 67541
Conc: 3.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-36-COMP



#45 AR-1268-5

R.T.: 8.127 min
Delta R.T.: -0.007 min
Response: 74234
Conc: 5.11 ng/ml