

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060113.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2019 20:28
 Operator : SM/AJ
 Sample : K4555-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TW-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 23:24:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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...	4.124	3.499	938120	814514	26.794	22.628
2)	SA Decachlor...	9.581	8.353	846661	625702	15.915	15.518
Target Compounds							
3)	L1 AR-1016-1	5.264	0.000	2010	0	1.253	N.D. #
4)	L1 AR-1016-2	5.289	0.000	1349	0	0.564	N.D. #
5)	L1 AR-1016-3	5.336	0.000	8867	0	5.953	N.D. #
6)	L1 AR-1016-4	5.459	0.000	463	0	0.382	N.D. #
7)	L1 AR-1016-5	5.694	0.000	1042	0	0.811	N.D. #
8)	L2 AR-1221-1	4.375	0.000	2852	0	6.735	N.D. #
9)	L2 AR-1221-2	4.425	0.000	13908	0	42.820	N.D. #
10)	L2 AR-1221-3	4.506	0.000	602	0	0.573	N.D. #
11)	L3 AR-1232-1	4.506	0.000	602	0	0.483	N.D. #
12)	L3 AR-1232-2	5.003	0.000	6702	0	9.487	N.D. #
13)	L3 AR-1232-3	5.289	0.000	1349	0	0.881	N.D. #
14)	L3 AR-1232-4	5.546	0.000	2570	0	3.287	N.D. #
15)	L3 AR-1232-5	5.567	0.000	5476	0	9.109	N.D. #
16)	L4 AR-1242-1	5.289	0.000	1349	0	1.063	N.D. #
17)	L4 AR-1242-2	5.289	0.000	1349	0	0.727	N.D. #
18)	L4 AR-1242-3	5.336	0.000	8867	0	7.586	N.D. #
19)	L4 AR-1242-4	5.546	0.000	2570	0	2.655	N.D. #
20)	L4 AR-1242-5	6.222	0.000	6872	0	5.469	N.D. #
21)	L5 AR-1248-1	5.264	0.000	2010	0	2.005	N.D. #
22)	L5 AR-1248-2	5.546	0.000	2570	0	1.771	N.D. #
23)	L5 AR-1248-3	5.694	0.000	1042	0	0.627	N.D. #
24)	L5 AR-1248-4	6.189	0.000	39449	0	19.299	N.D. #
25)	L5 AR-1248-5	6.189	0.000	39449	0	19.893	N.D. #
27)	L6 AR-1254-2	6.329	0.000	3207	0	0.961	N.D. #
28)	L6 AR-1254-3	6.696	0.000	1493	0	0.421	N.D. #
29)	L6 AR-1254-4	6.961	0.000	7699	0	2.614	N.D. #
30)	L6 AR-1254-5	7.383	0.000	17496	0	5.658	N.D. #
31)	L7 AR-1260-1	6.870	0.000	4779	0	1.773	N.D. #
32)	L7 AR-1260-2	7.096	0.000	14662	0	3.952	N.D. #
33)	L7 AR-1260-3	7.455	0.000	8188	0	2.499	N.D. #
34)	L7 AR-1260-4	7.707	0.000	46916	0	15.276	N.D. #
35)	L7 AR-1260-5	8.000	7.088	64918	40566	9.168	7.371
36)	L8 AR-1262-1	7.455	0.000	8188	0	1.687	N.D. #
37)	L8 AR-1262-2	8.055	7.088	89693	40566	11.624	6.900 #
38)	L8 AR-1262-3	8.269	0.000	84149	0	16.492	N.D. #
39)	L8 AR-1262-4	8.369	0.000	195387	0	50.688	N.D. #
40)	L8 AR-1262-5	8.942	0.000	30993	0	12.076	N.D. #
41)	L9 AR-1268-1	8.269	0.000	84149	0	8.942	N.D. #
42)	L9 AR-1268-2	8.369	0.000	195387	0	24.787	N.D. #

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 Operator : SM/AJ
 Sample : K4555-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TW-3

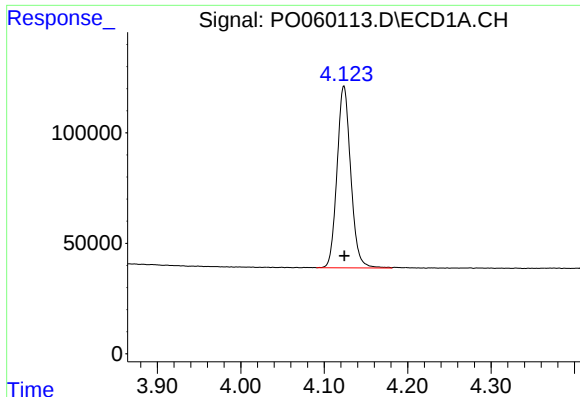
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 23:24:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #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
43) L9	AR-1268-3	8.594	7.587	40158	5718	5.697	1.045 #
44) L9	AR-1268-4	8.942	0.000	30993	0	11.149	N.D. #
45) L9	AR-1268-5	9.349	0.000	6789	0	0.368	N.D. #

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

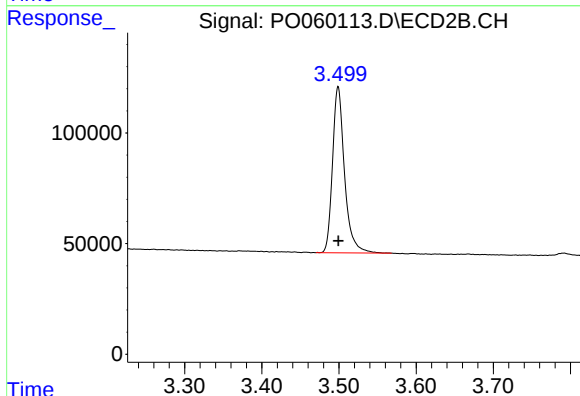
```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0083019\  
Data File : P0060113.D  
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH  
Acq On    : 30 Aug 2019  20:28  
Operator  : SM/AJ  
Sample    : K4555-12  
Misc      :  
ALS Vial  : 38    Sample Multiplier: 1
```



#1 Tetrachloro-m-xylene

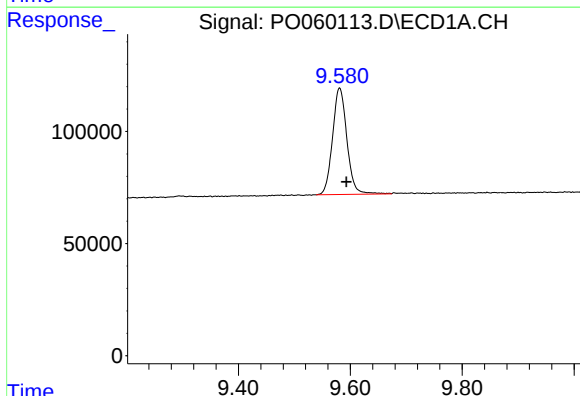
R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 938120
Conc: 26.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



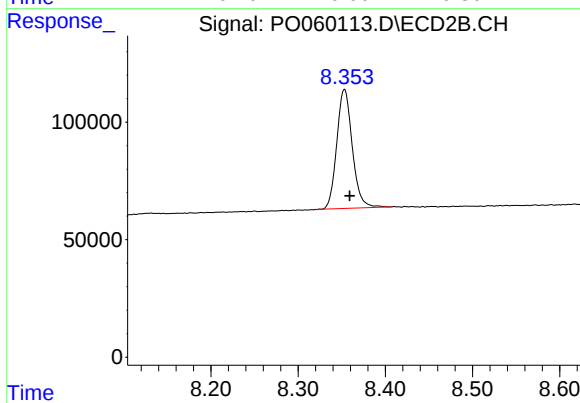
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: 0.000 min
Response: 814514
Conc: 22.63 ng/ml



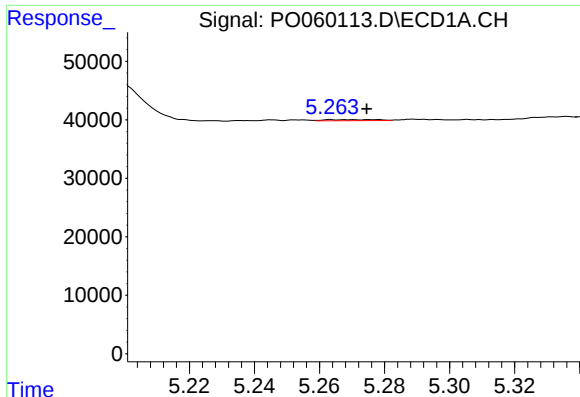
#2 Decachlorobiphenyl

R.T.: 9.581 min
Delta R.T.: -0.012 min
Response: 846661
Conc: 15.91 ng/ml



#2 Decachlorobiphenyl

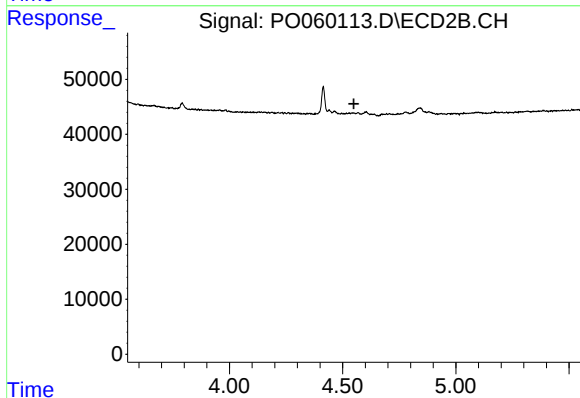
R.T.: 8.353 min
Delta R.T.: -0.006 min
Response: 625702
Conc: 15.52 ng/ml



#3 AR-1016-1

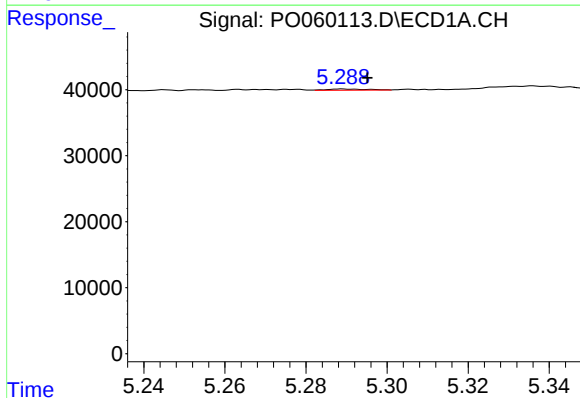
R.T.: 5.264 min
Delta R.T.: -0.011 min
Response: 2010
Conc: 1.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



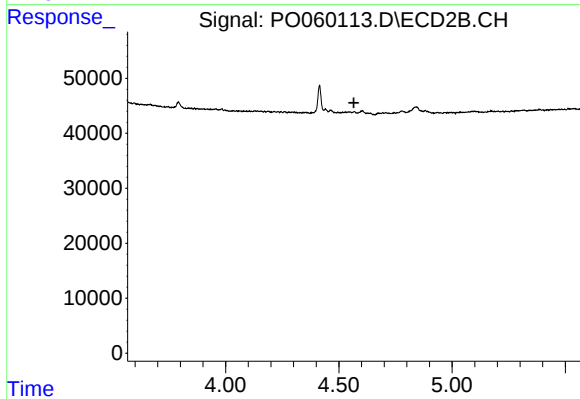
#3 AR-1016-1

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



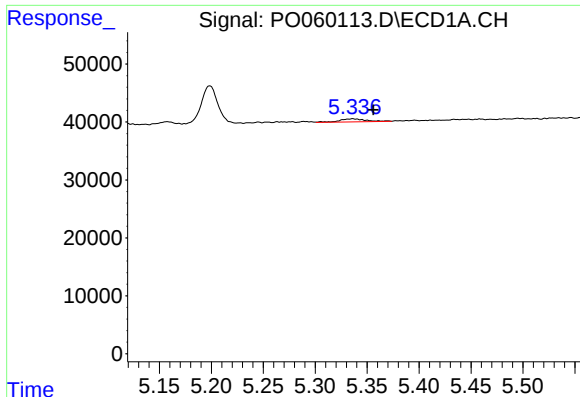
#4 AR-1016-2

R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 1349
Conc: 0.56 ng/ml



#4 AR-1016-2

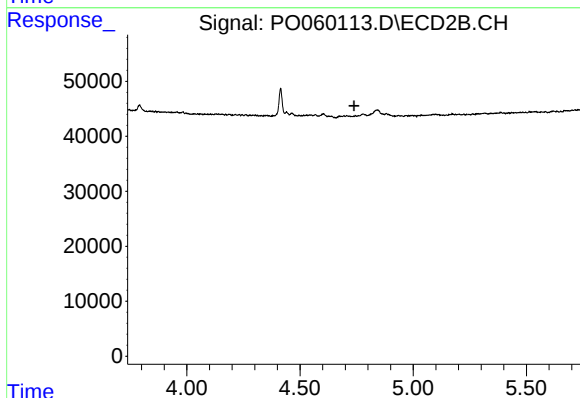
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

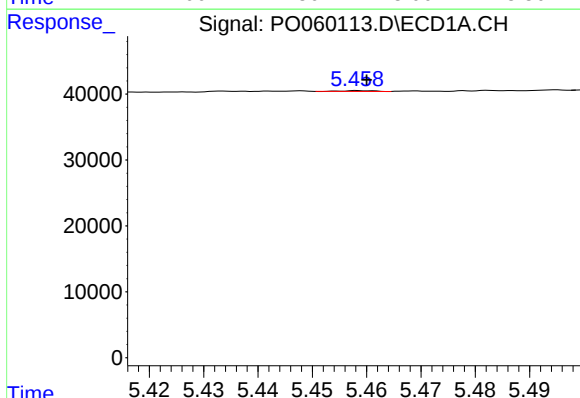
R.T.: 5.336 min
Delta R.T.: -0.020 min
Response: 8867
Conc: 5.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



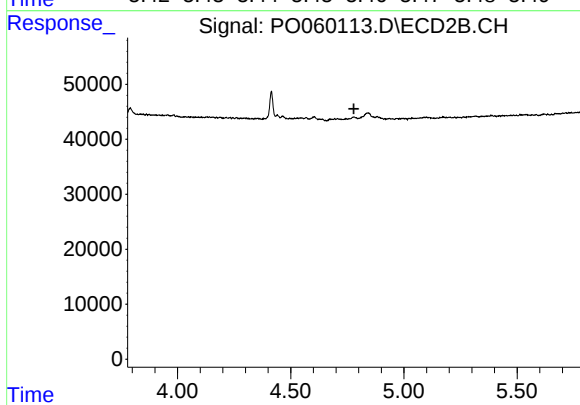
#5 AR-1016-3

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



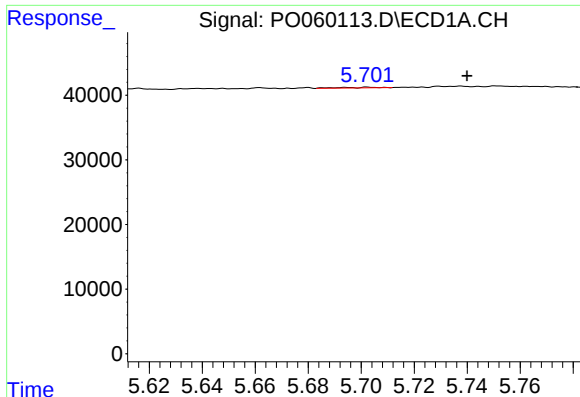
#6 AR-1016-4

R.T.: 5.459 min
Delta R.T.: -0.001 min
Response: 463
Conc: 0.38 ng/ml



#6 AR-1016-4

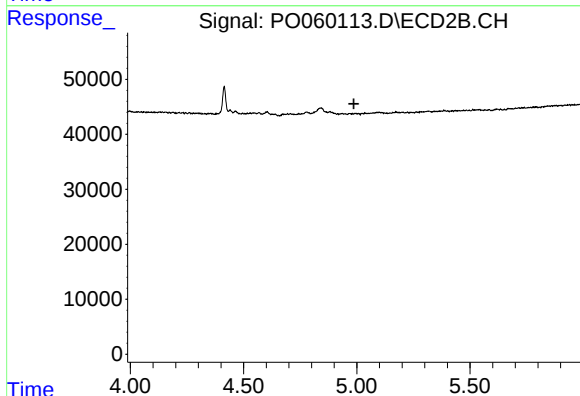
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

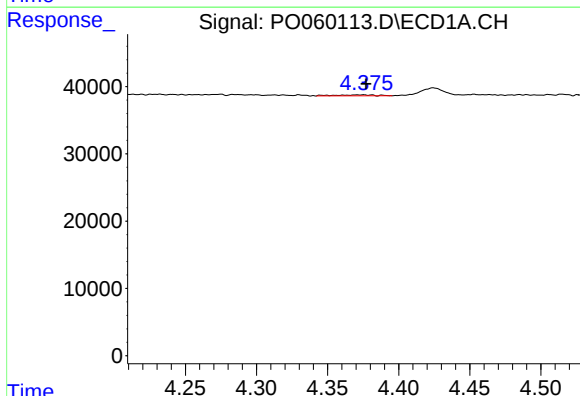
R.T.: 5.694 min
Delta R.T.: -0.046 min
Response: 1042
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



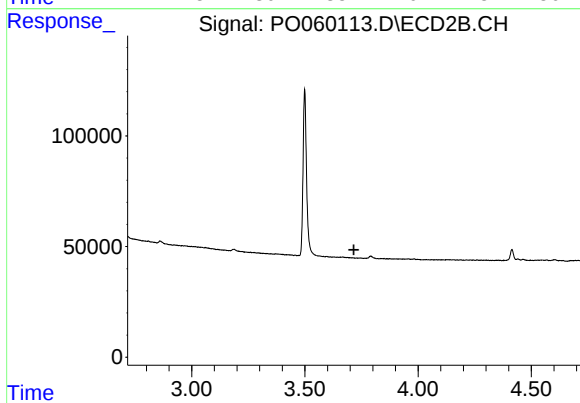
#7 AR-1016-5

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



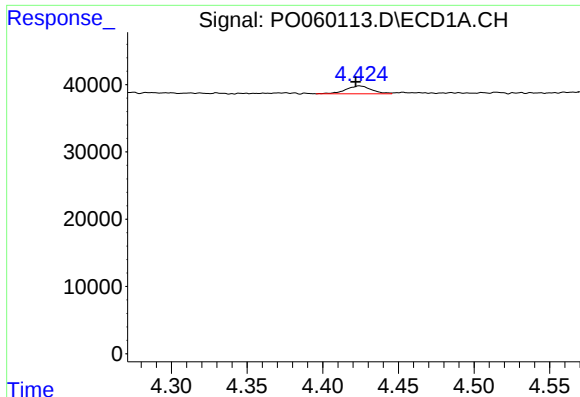
#8 AR-1221-1

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 2852
Conc: 6.74 ng/ml



#8 AR-1221-1

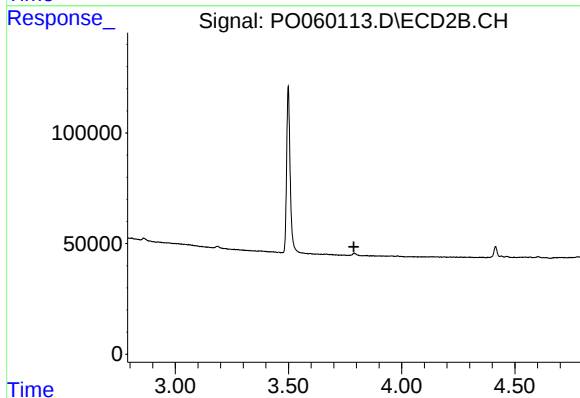
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

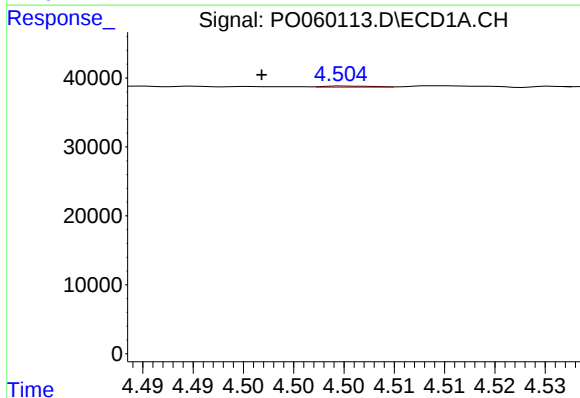
R.T.: 4.425 min
Delta R.T.: 0.003 min
Response: 13908
Conc: 42.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



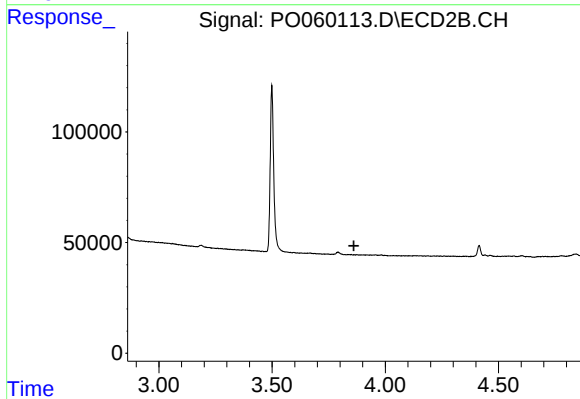
#9 AR-1221-2

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



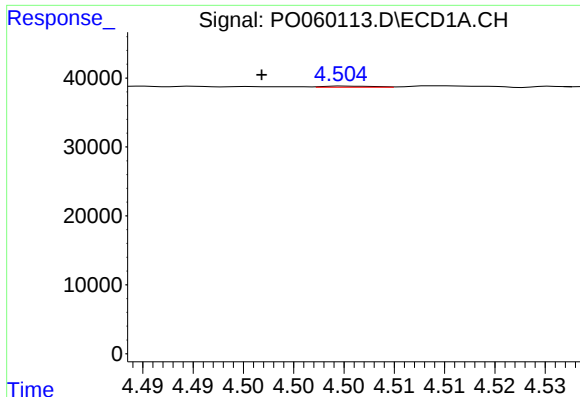
#10 AR-1221-3

R.T.: 4.506 min
Delta R.T.: 0.009 min
Response: 602
Conc: 0.57 ng/ml



#10 AR-1221-3

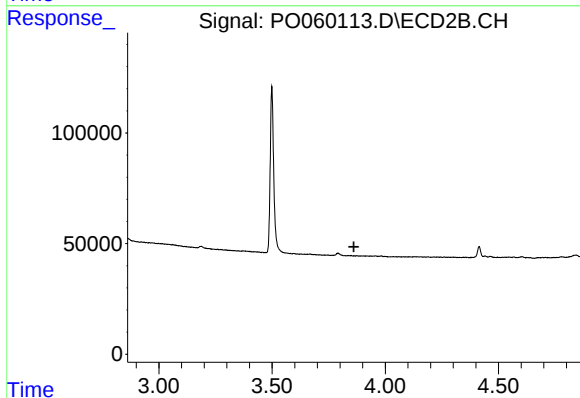
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

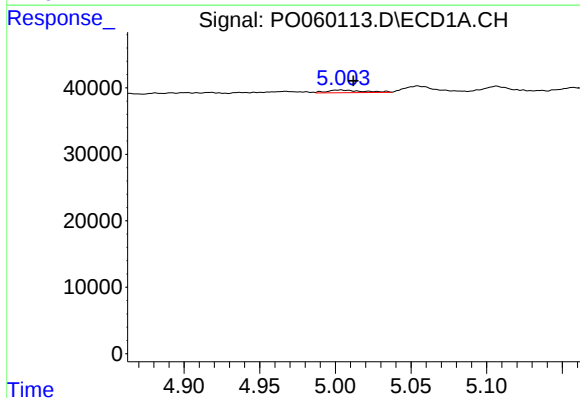
R.T.: 4.506 min
Delta R.T.: 0.009 min
Response: 602
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



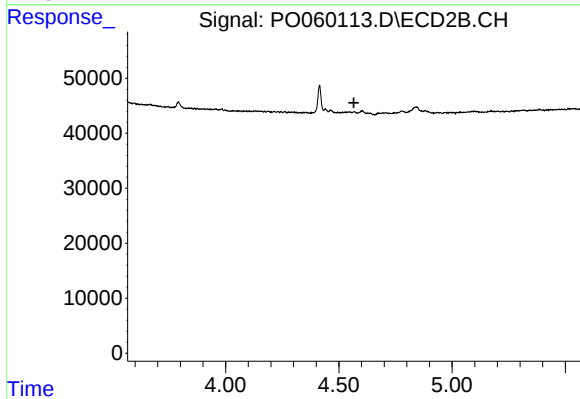
#11 AR-1232-1

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



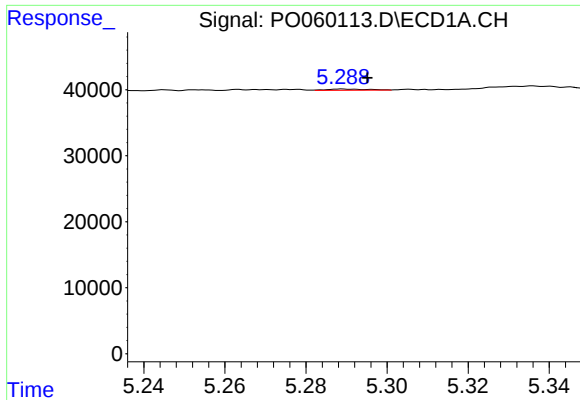
#12 AR-1232-2

R.T.: 5.003 min
Delta R.T.: -0.009 min
Response: 6702
Conc: 9.49 ng/ml



#12 AR-1232-2

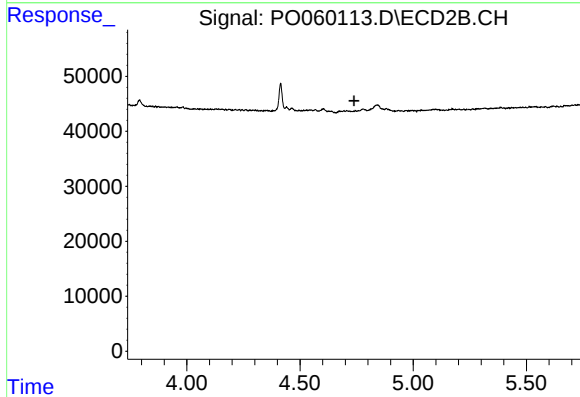
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

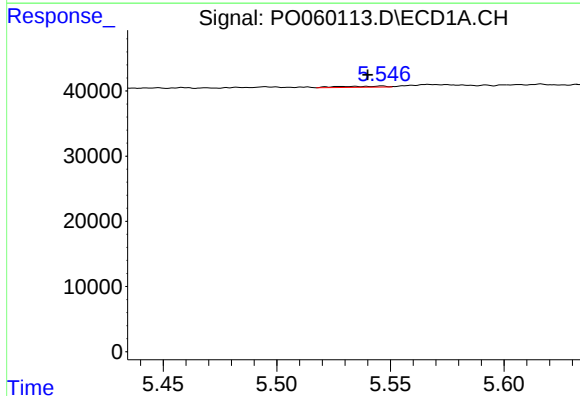
R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 1349
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



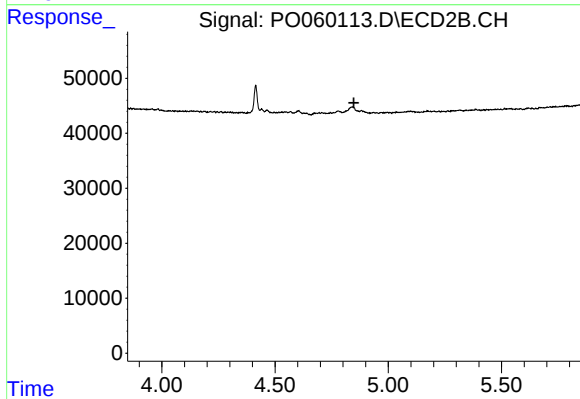
#13 AR-1232-3

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



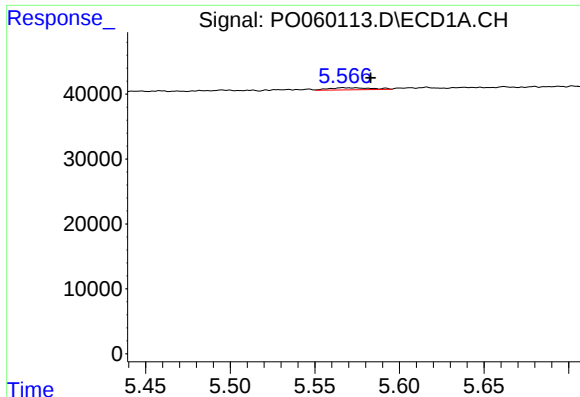
#14 AR-1232-4

R.T.: 5.546 min
Delta R.T.: 0.006 min
Response: 2570
Conc: 3.29 ng/ml



#14 AR-1232-4

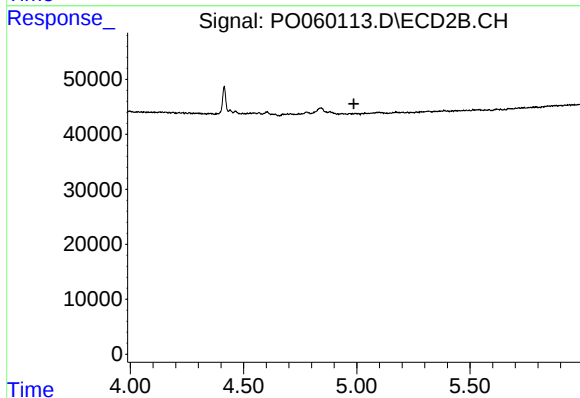
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

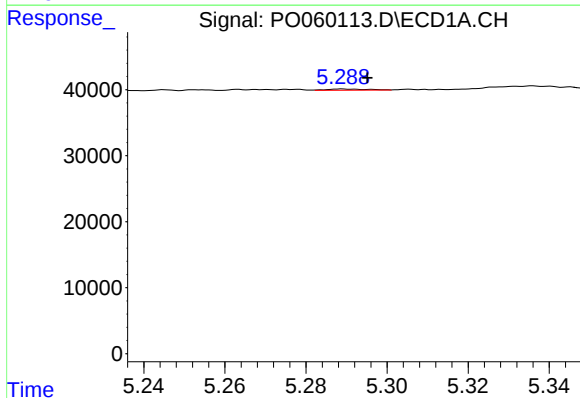
R.T.: 5.567 min
Delta R.T.: -0.016 min
Response: 5476
Conc: 9.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



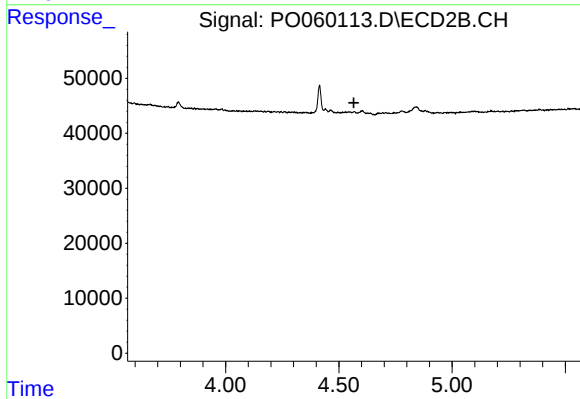
#15 AR-1232-5

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



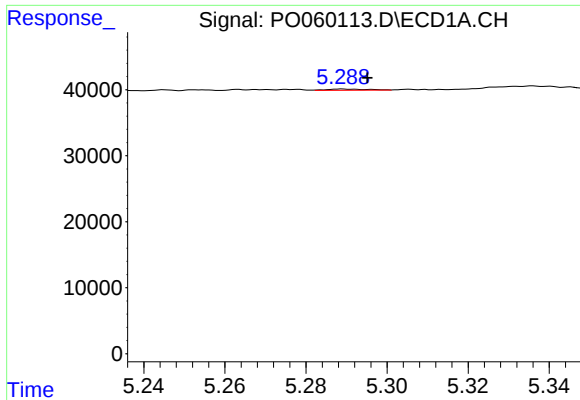
#16 AR-1242-1

R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 1349
Conc: 1.06 ng/ml



#16 AR-1242-1

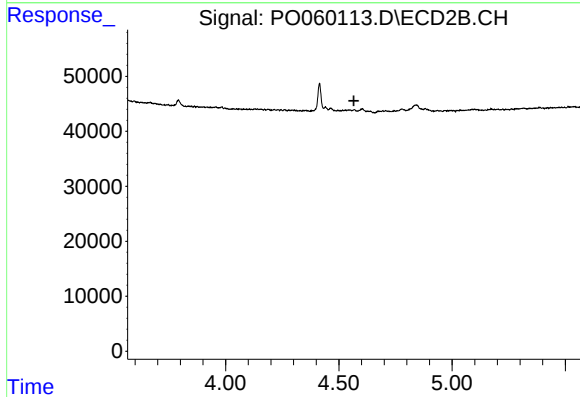
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

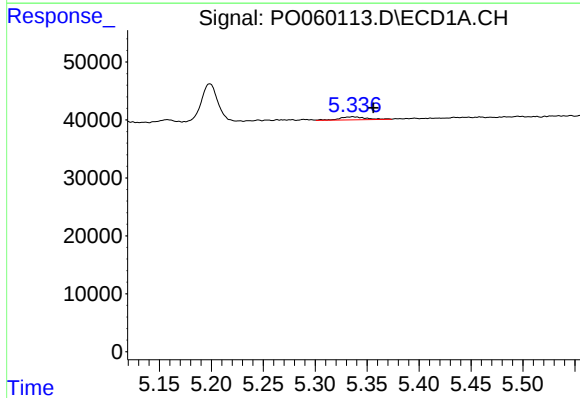
R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 1349
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



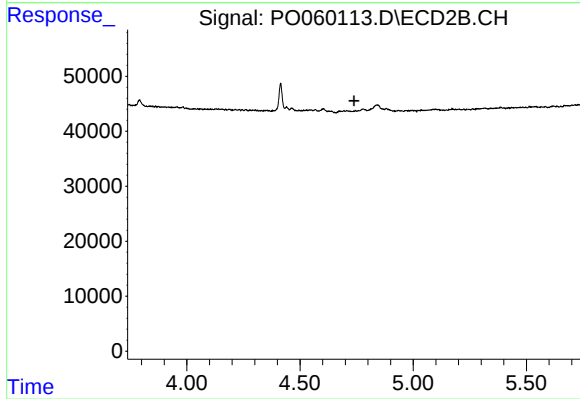
#17 AR-1242-2

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



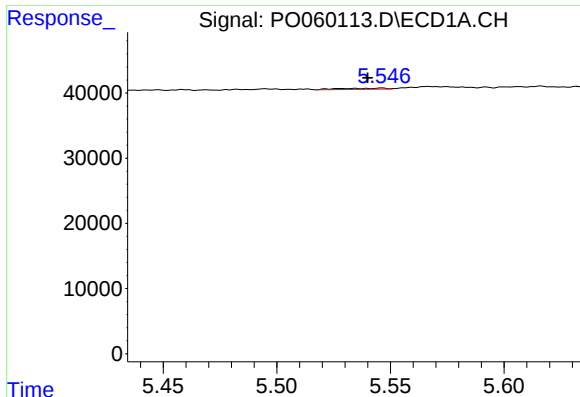
#18 AR-1242-3

R.T.: 5.336 min
Delta R.T.: -0.020 min
Response: 8867
Conc: 7.59 ng/ml



#18 AR-1242-3

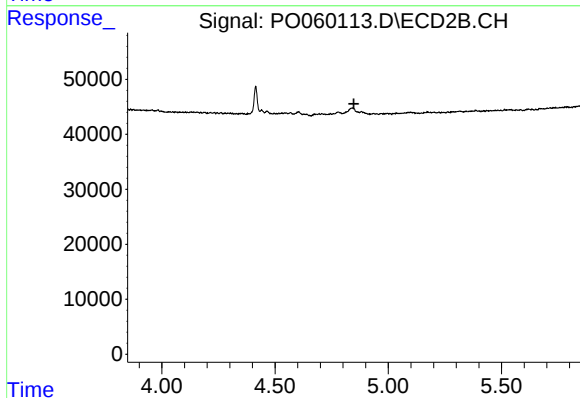
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

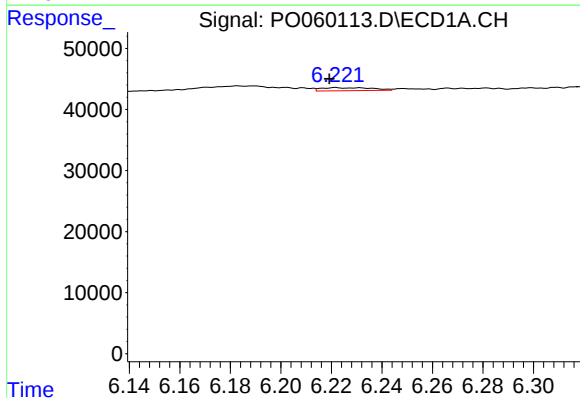
R.T.: 5.546 min
Delta R.T.: 0.006 min
Response: 2570
Conc: 2.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



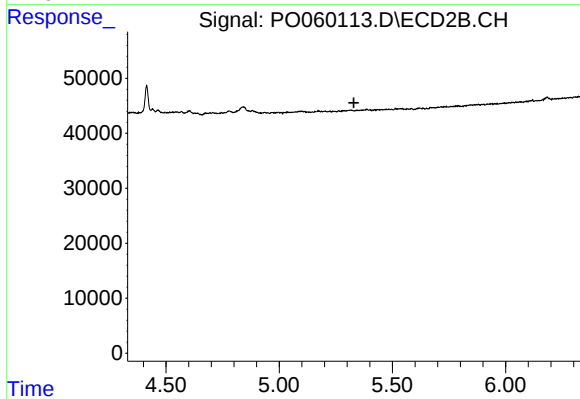
#19 AR-1242-4

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



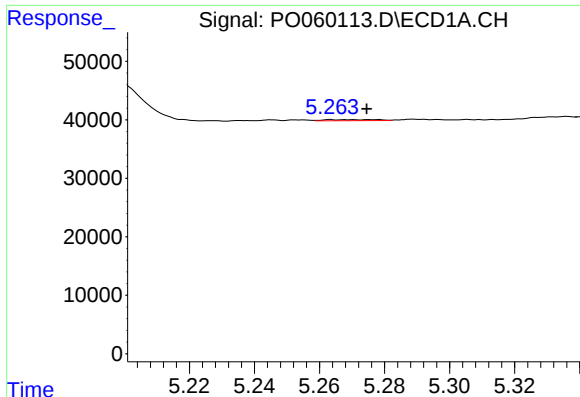
#20 AR-1242-5

R.T.: 6.222 min
Delta R.T.: 0.003 min
Response: 6872
Conc: 5.47 ng/ml



#20 AR-1242-5

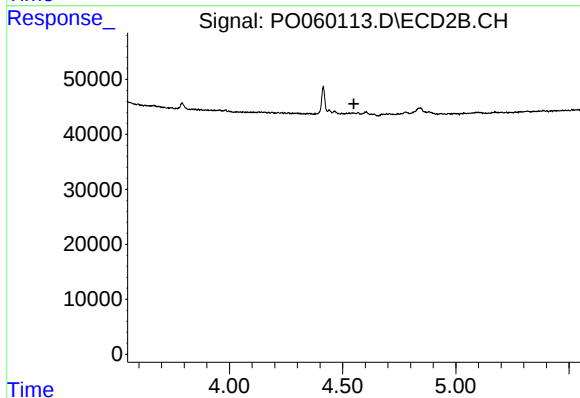
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

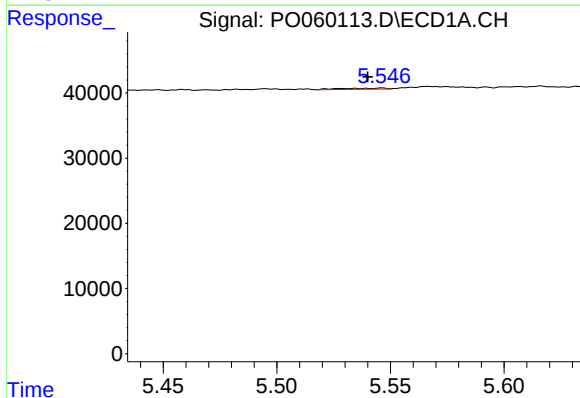
R.T.: 5.264 min
Delta R.T.: -0.011 min
Response: 2010
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



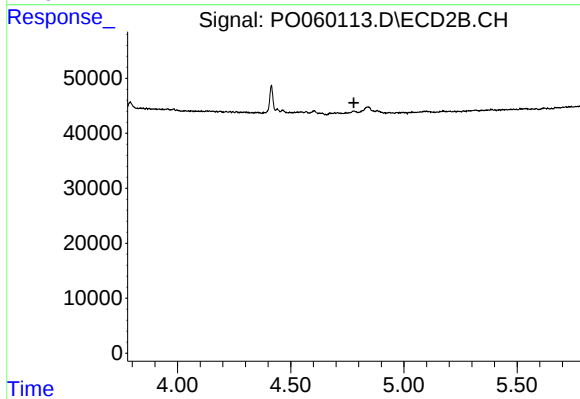
#21 AR-1248-1

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



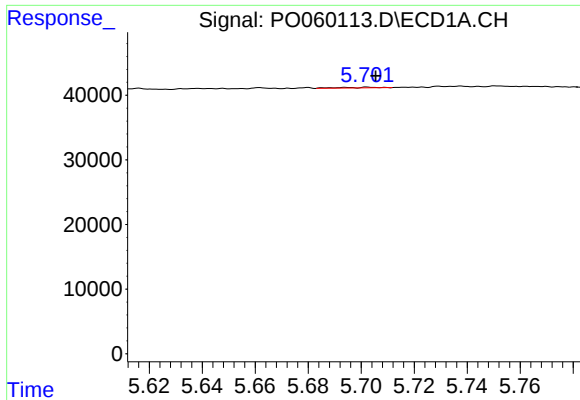
#22 AR-1248-2

R.T.: 5.546 min
Delta R.T.: 0.006 min
Response: 2570
Conc: 1.77 ng/ml



#22 AR-1248-2

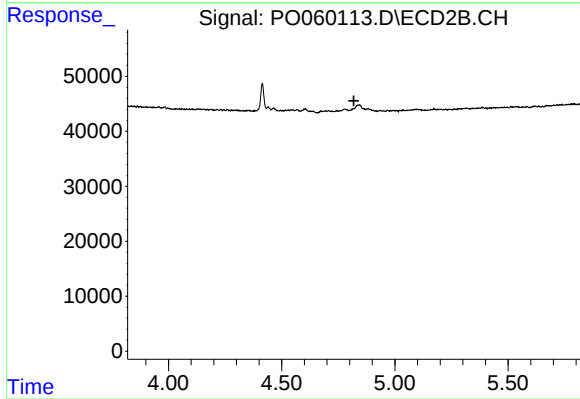
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

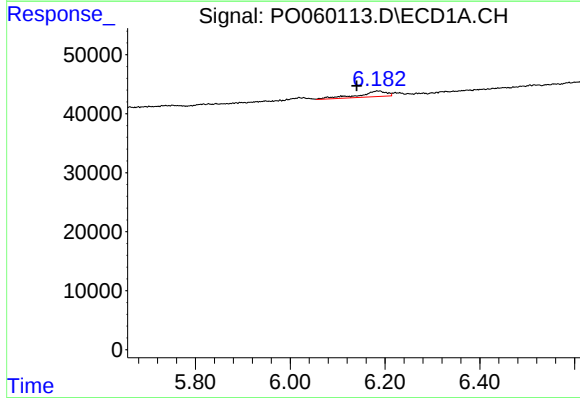
R.T.: 5.694 min
Delta R.T.: -0.011 min
Response: 1042
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



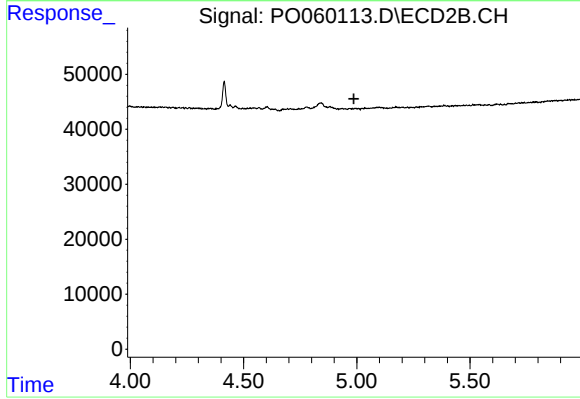
#23 AR-1248-3

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



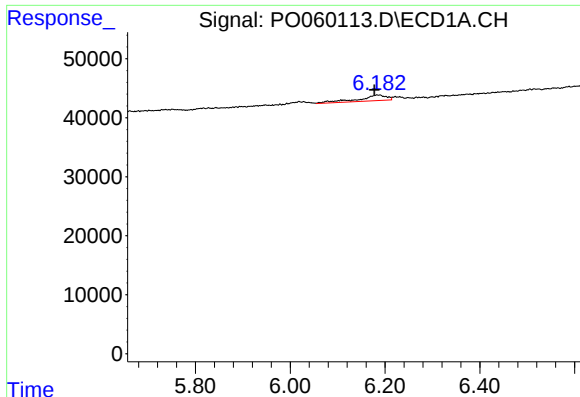
#24 AR-1248-4

R.T.: 6.189 min
Delta R.T.: 0.048 min
Response: 39449
Conc: 19.30 ng/ml



#24 AR-1248-4

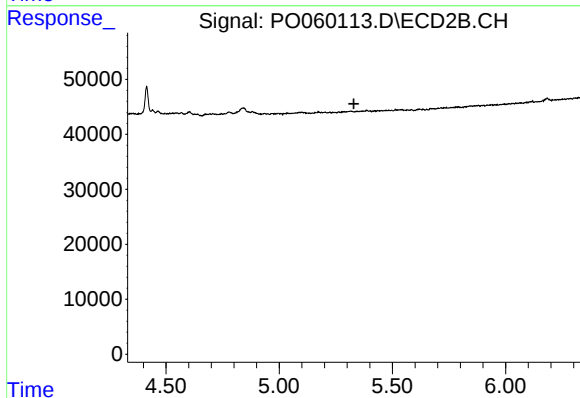
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

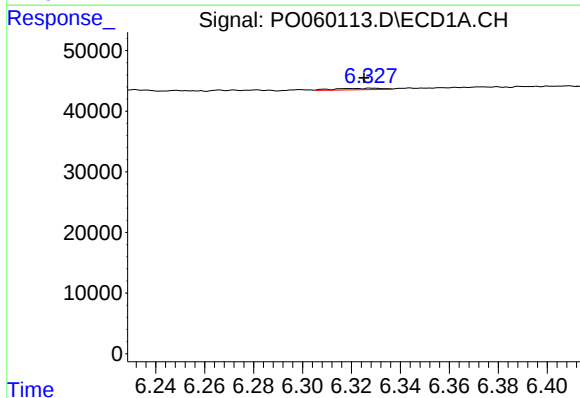
R.T.: 6.189 min
Delta R.T.: 0.011 min
Response: 39449
Conc: 19.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



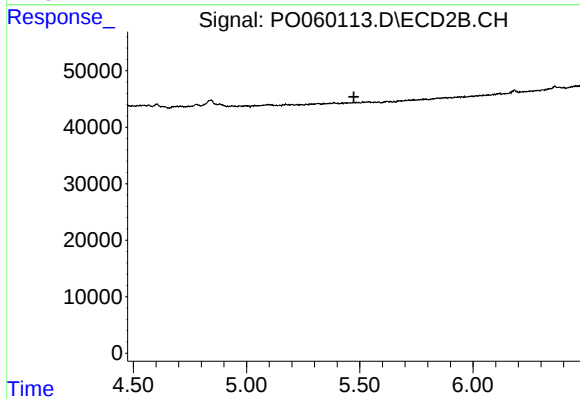
#25 AR-1248-5

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



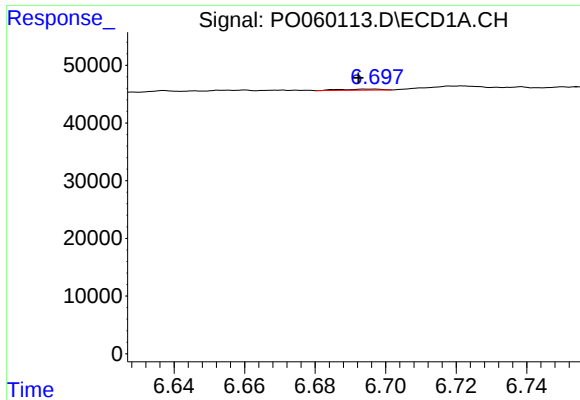
#27 AR-1254-2

R.T.: 6.329 min
Delta R.T.: 0.003 min
Response: 3207
Conc: 0.96 ng/ml



#27 AR-1254-2

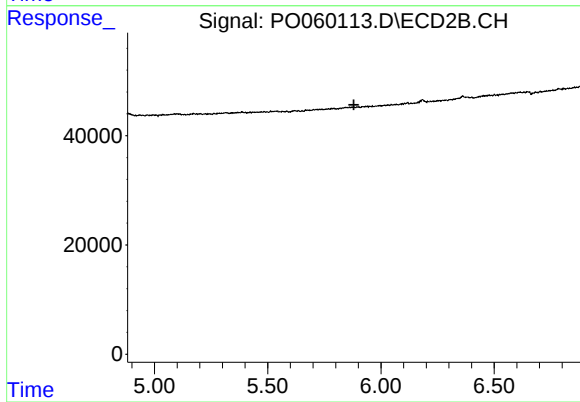
R.T.: 0.000 min
Exp R.T. : 5.474 min
Response: 0
Conc: N.D.



#28 AR-1254-3

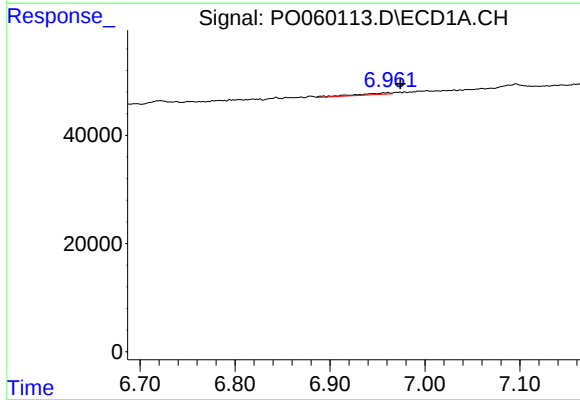
R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1493
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



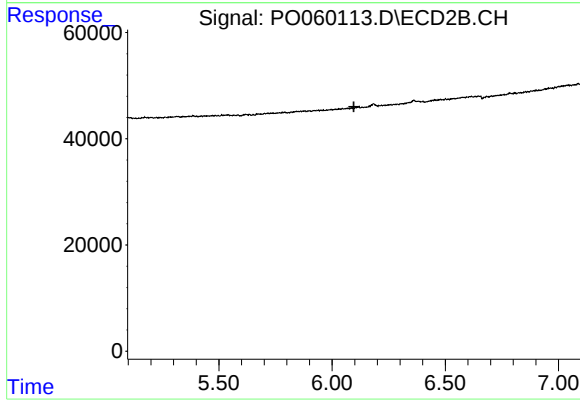
#28 AR-1254-3

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



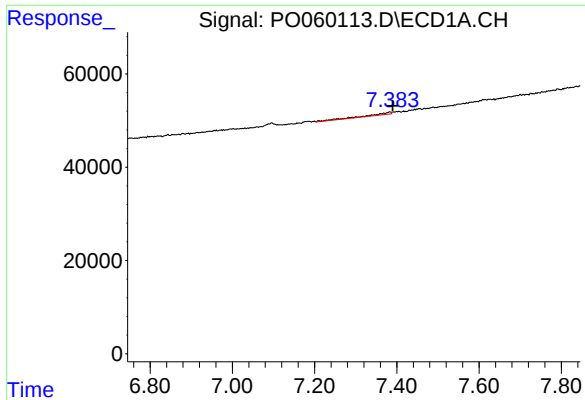
#29 AR-1254-4

R.T.: 6.961 min
Delta R.T.: -0.013 min
Response: 7699
Conc: 2.61 ng/ml



#29 AR-1254-4

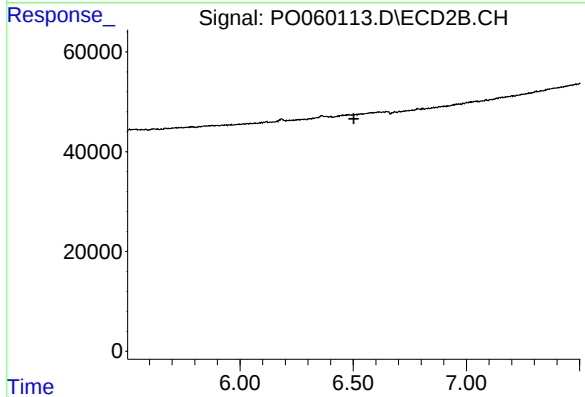
R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



#30 AR-1254-5

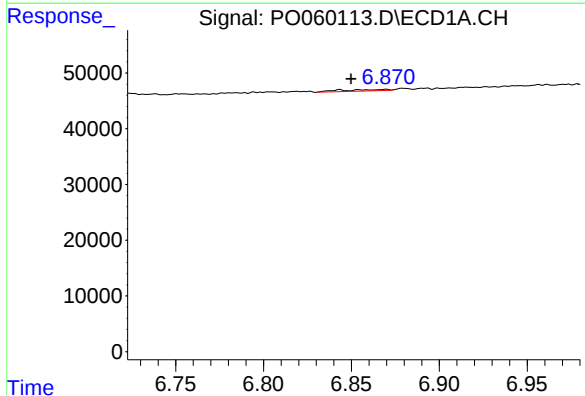
R.T.: 7.383 min
Delta R.T.: -0.007 min
Response: 17496
Conc: 5.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



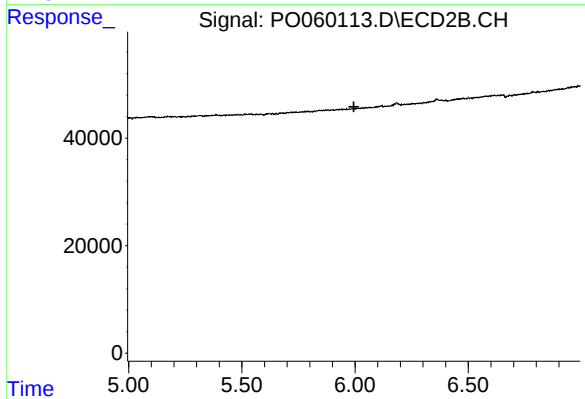
#30 AR-1254-5

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



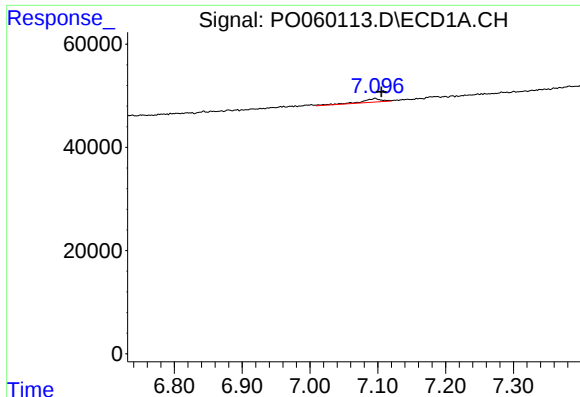
#31 AR-1260-1

R.T.: 6.870 min
Delta R.T.: 0.020 min
Response: 4779
Conc: 1.77 ng/ml



#31 AR-1260-1

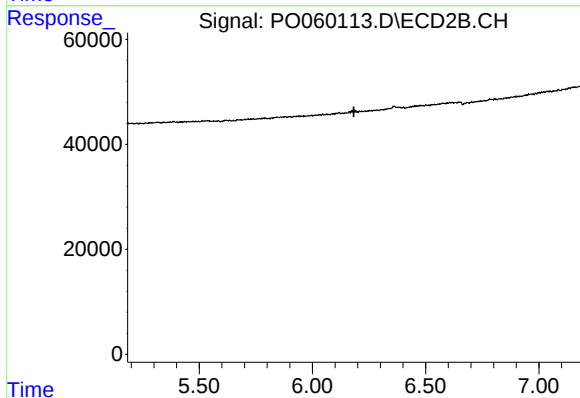
R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



#32 AR-1260-2

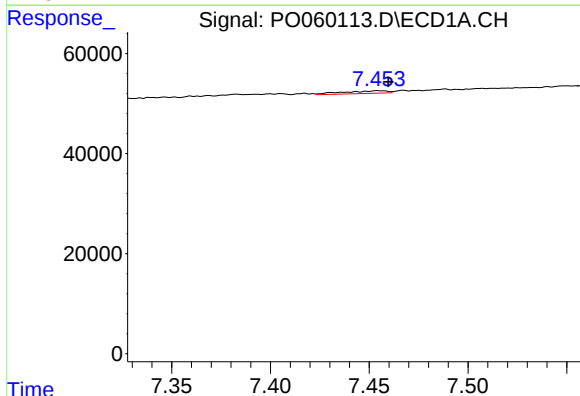
R.T.: 7.096 min
Delta R.T.: -0.009 min
Response: 14662
Conc: 3.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



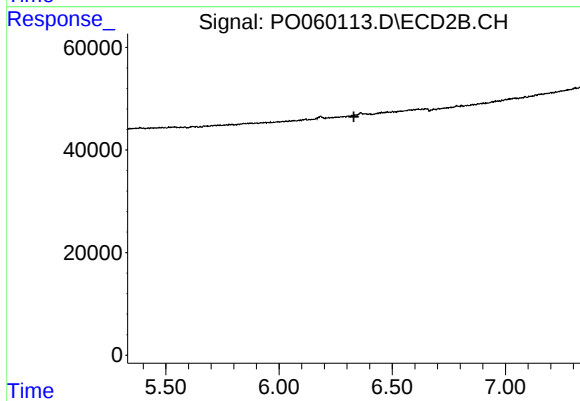
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



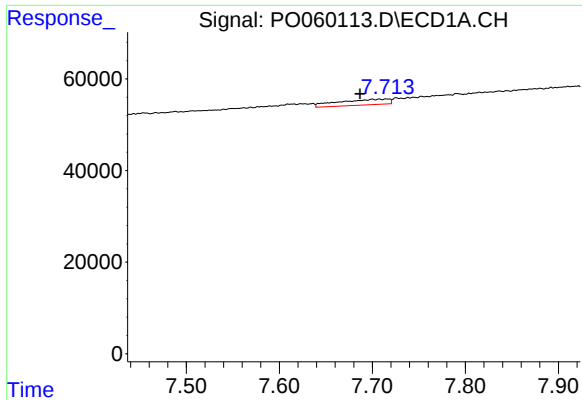
#33 AR-1260-3

R.T.: 7.455 min
Delta R.T.: -0.005 min
Response: 8188
Conc: 2.50 ng/ml



#33 AR-1260-3

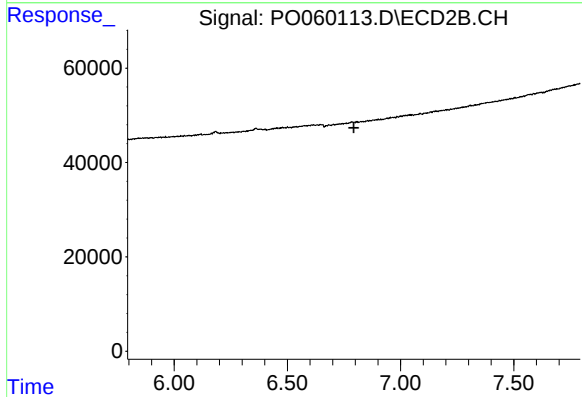
R.T.: 0.000 min
Exp R.T. : 6.331 min
Response: 0
Conc: N.D.



#34 AR-1260-4

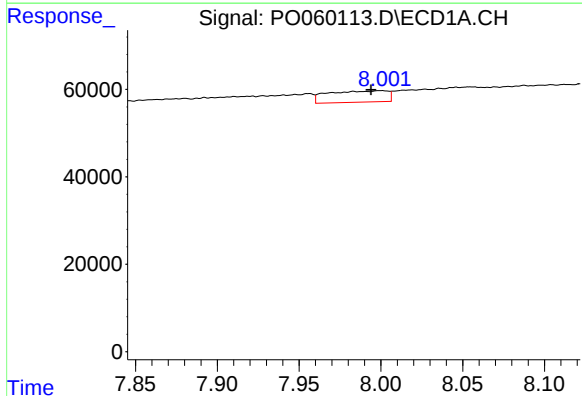
R.T.: 7.707 min
Delta R.T.: 0.021 min
Response: 46916
Conc: 15.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



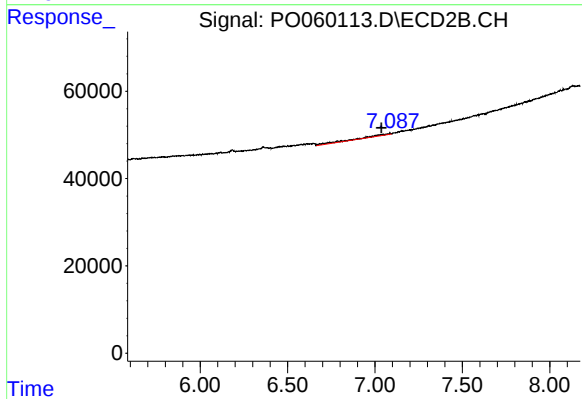
#34 AR-1260-4

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



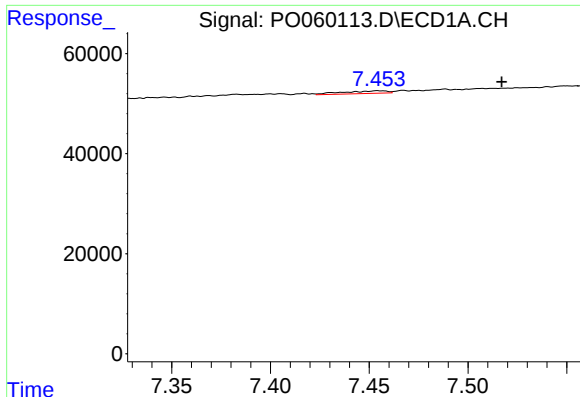
#35 AR-1260-5

R.T.: 8.000 min
Delta R.T.: 0.006 min
Response: 64918
Conc: 9.17 ng/ml



#35 AR-1260-5

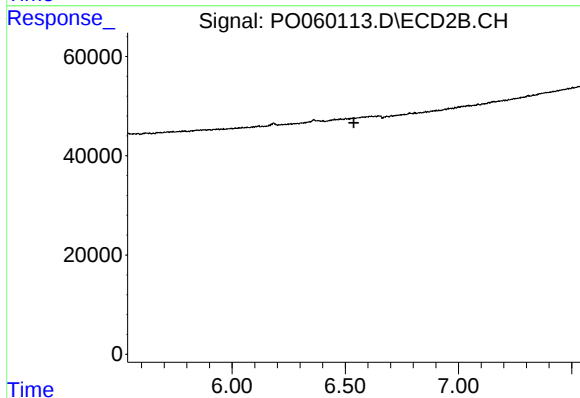
R.T.: 7.088 min
Delta R.T.: 0.050 min
Response: 40566
Conc: 7.37 ng/ml



#36 AR-1262-1

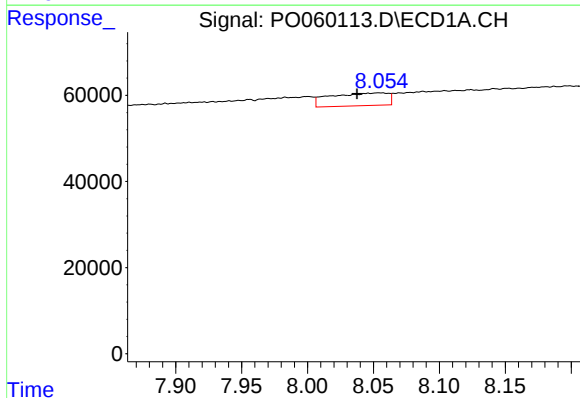
R.T.: 7.455 min
Delta R.T.: -0.063 min
Response: 8188
Conc: 1.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



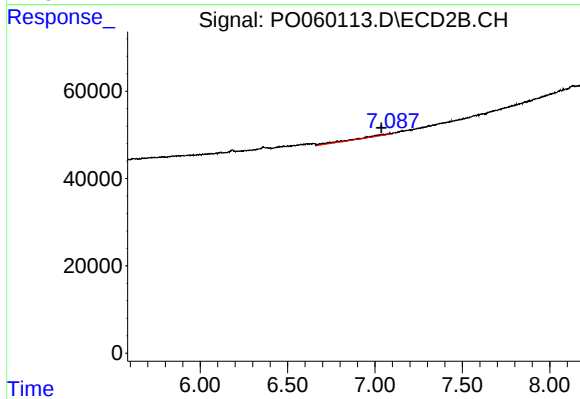
#36 AR-1262-1

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



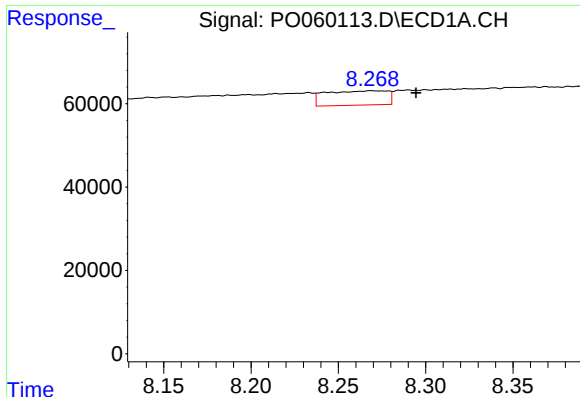
#37 AR-1262-2

R.T.: 8.055 min
Delta R.T.: 0.017 min
Response: 89693
Conc: 11.62 ng/ml



#37 AR-1262-2

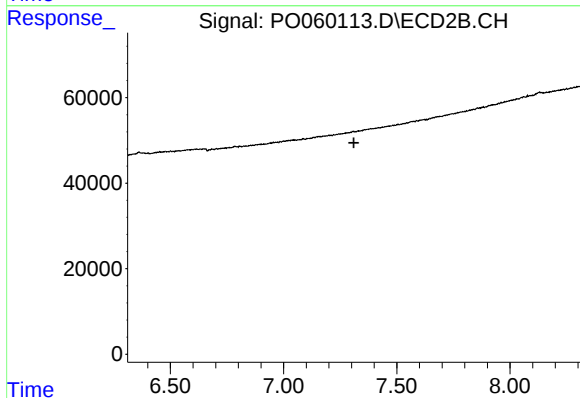
R.T.: 7.088 min
Delta R.T.: 0.050 min
Response: 40566
Conc: 6.90 ng/ml



#38 AR-1262-3

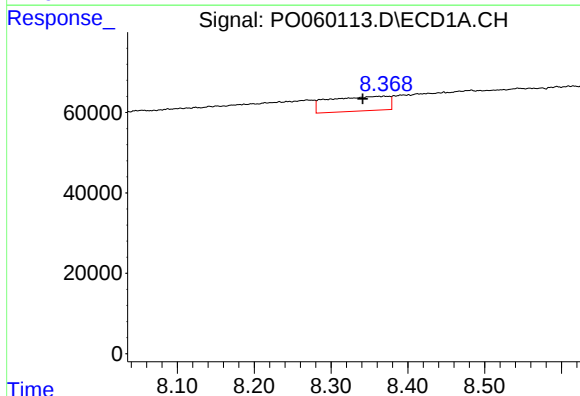
R.T.: 8.269 min
Delta R.T.: -0.025 min
Response: 84149
Conc: 16.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



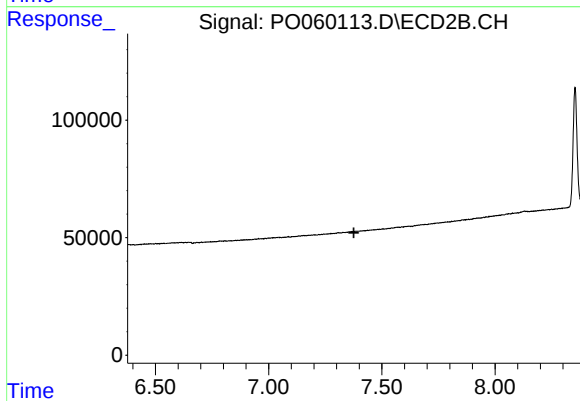
#38 AR-1262-3

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



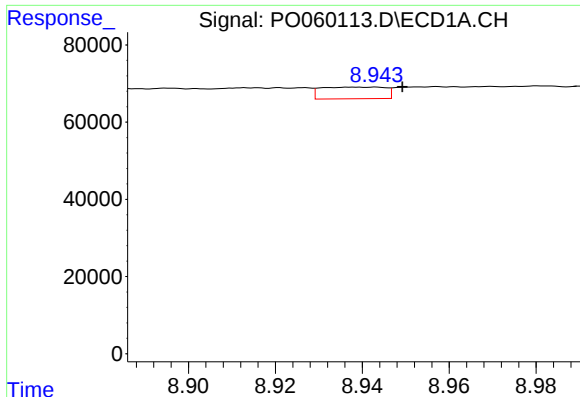
#39 AR-1262-4

R.T.: 8.369 min
Delta R.T.: 0.028 min
Response: 195387
Conc: 50.69 ng/ml



#39 AR-1262-4

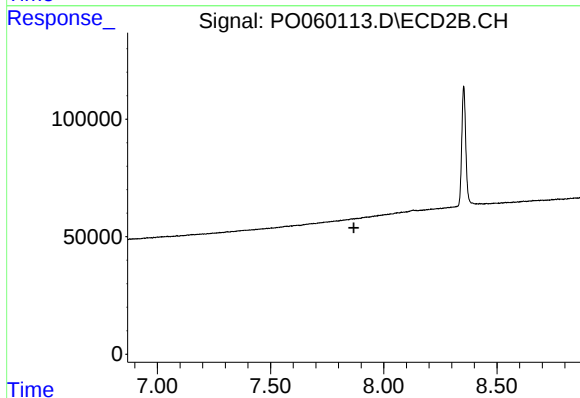
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#40 AR-1262-5

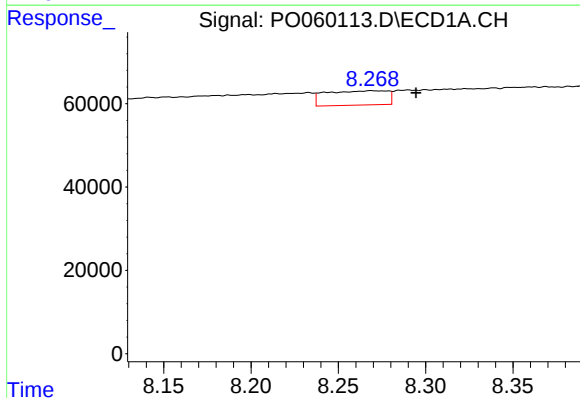
R.T.: 8.942 min
Delta R.T.: -0.007 min
Response: 30993
Conc: 12.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



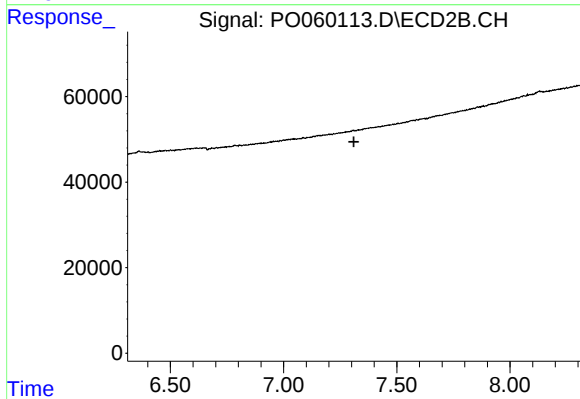
#40 AR-1262-5

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



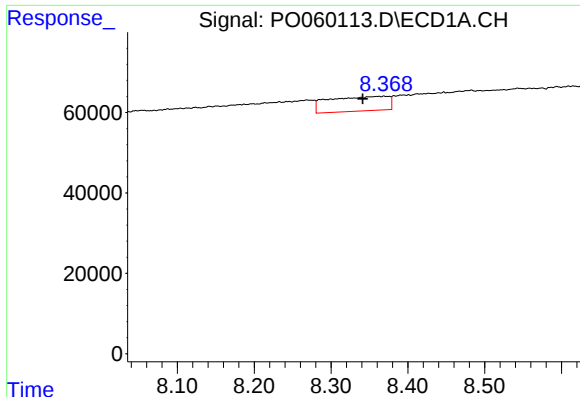
#41 AR-1268-1

R.T.: 8.269 min
Delta R.T.: -0.025 min
Response: 84149
Conc: 8.94 ng/ml



#41 AR-1268-1

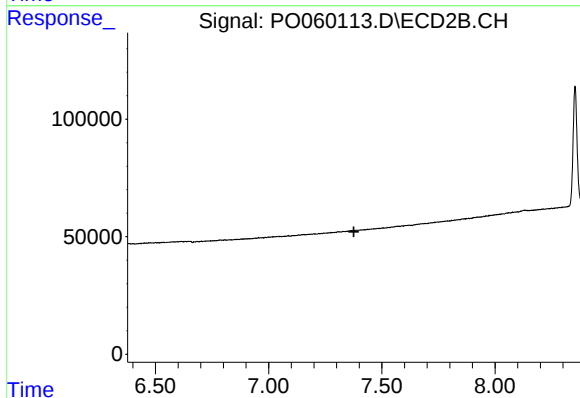
R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#42 AR-1268-2

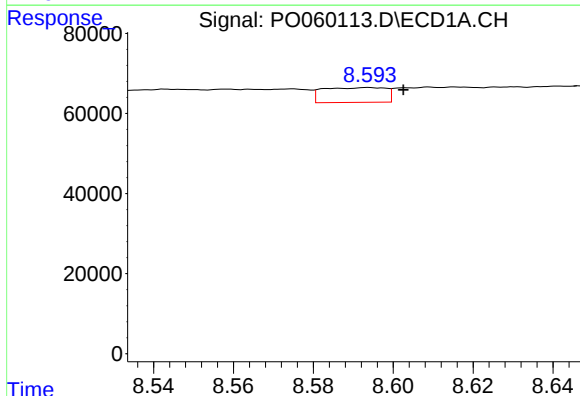
R.T.: 8.369 min
Delta R.T.: 0.028 min
Response: 195387
Conc: 24.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



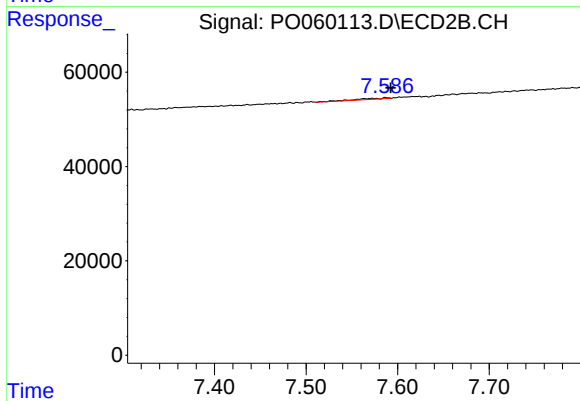
#42 AR-1268-2

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



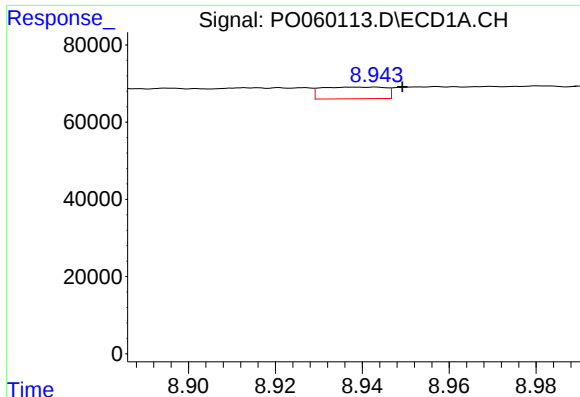
#43 AR-1268-3

R.T.: 8.594 min
Delta R.T.: -0.009 min
Response: 40158
Conc: 5.70 ng/ml



#43 AR-1268-3

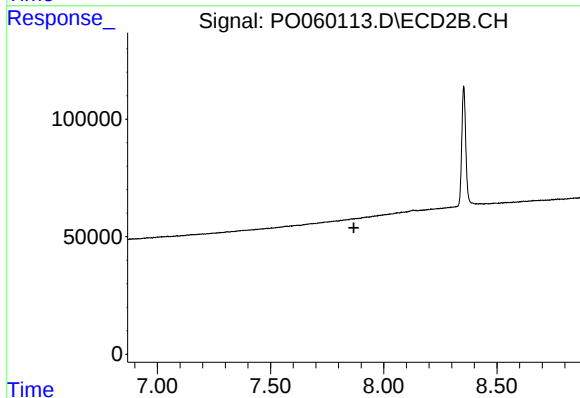
R.T.: 7.587 min
Delta R.T.: -0.005 min
Response: 5718
Conc: 1.04 ng/ml



#44 AR-1268-4

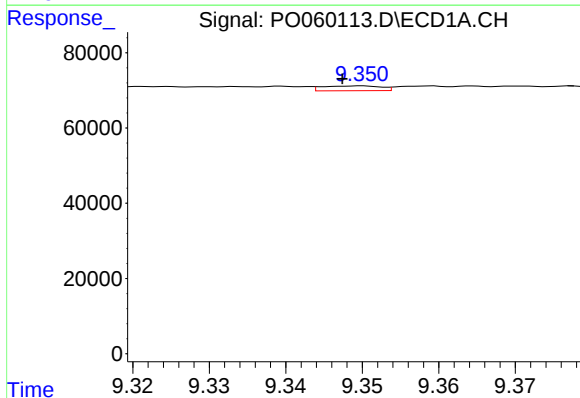
R.T.: 8.942 min
Delta R.T.: -0.007 min
Response: 30993
Conc: 11.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-3



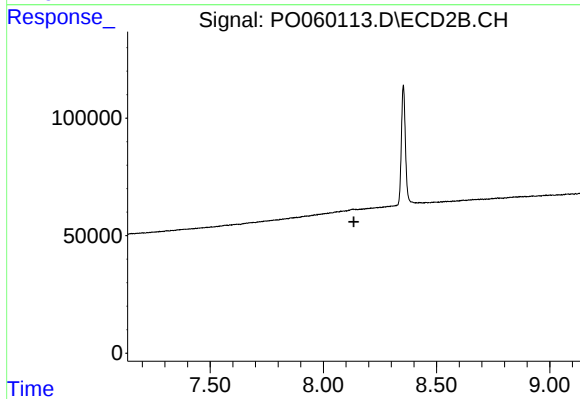
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.349 min
Delta R.T.: 0.002 min
Response: 6789
Conc: 0.37 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.135 min
Response: 0
Conc: N.D.