

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060115.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2019 21:02
 Operator : SM/AJ
 Sample : K4555-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TW-6

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 23:25:50 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...	4.122	3.498	780587	697647	22.295	19.381
2)	SA Decachlor...	9.580	8.351	805658	615015	15.144	15.253
Target Compounds							
3)	L1 AR-1016-1	5.270	0.000	1488	0	0.928	N.D. #
4)	L1 AR-1016-2	5.298	0.000	1190	0	0.497	N.D. #
5)	L1 AR-1016-3	5.369	0.000	1200	0	0.806	N.D. #
6)	L1 AR-1016-4	5.441	0.000	1399	0	1.157	N.D. #
7)	L1 AR-1016-5	5.735	0.000	1726	0	1.344	N.D. #
8)	L2 AR-1221-1	4.365	0.000	1996	0	4.713	N.D. #
9)	L2 AR-1221-2	4.423	0.000	12435	0	38.286	N.D. #
10)	L2 AR-1221-3	4.496	0.000	1967	0	1.870	N.D. #
11)	L3 AR-1232-1	4.496	0.000	1967	0	1.578	N.D. #
12)	L3 AR-1232-2	5.004	0.000	4413	0	6.247	N.D. #
13)	L3 AR-1232-3	5.298	0.000	1190	0	0.777	N.D. #
14)	L3 AR-1232-4	5.569	0.000	6863	0	8.777	N.D. #
15)	L3 AR-1232-5	5.577	0.000	854	0	1.420	N.D. #
16)	L4 AR-1242-1	5.298	0.000	1190	0	0.937	N.D. #
17)	L4 AR-1242-2	5.298	0.000	1190	0	0.641	N.D. #
18)	L4 AR-1242-3	5.369	0.000	1200	0	1.027	N.D. #
19)	L4 AR-1242-4	5.569	0.000	6863	0	7.091	N.D. #
20)	L4 AR-1242-5	6.233	0.000	8085	0	6.434	N.D. #
21)	L5 AR-1248-1	5.270	0.000	1488	0	1.484	N.D. #
22)	L5 AR-1248-2	5.569	0.000	6863	0	4.730	N.D. #
23)	L5 AR-1248-3	5.735	0.000	1726	0	1.039	N.D. #
24)	L5 AR-1248-4	6.142	0.000	2614	0	1.279	N.D. #
25)	L5 AR-1248-5	6.184	0.000	17768	0	8.960	N.D. #
26)	L6 AR-1254-1	6.107	0.000	8943	0	4.286	N.D. #
27)	L6 AR-1254-2	6.328	0.000	2256	0	0.676	N.D. #
28)	L6 AR-1254-3	6.723	0.000	5870	0	1.654	N.D. #
30)	L6 AR-1254-5	7.451	0.000	17059	0	5.516	N.D. #
31)	L7 AR-1260-1	6.844	0.000	5414	0	2.008	N.D. #
32)	L7 AR-1260-2	7.092	0.000	10410	0	2.805	N.D. #
33)	L7 AR-1260-3	7.451	0.000	17059	0	5.207	N.D. #
34)	L7 AR-1260-4	7.685	0.000	74836	0	24.366	N.D. #
35)	L7 AR-1260-5	7.977	0.000	212669	0	30.034	N.D. #
36)	L8 AR-1262-1	7.483	0.000	5607	0	1.155	N.D. #
37)	L8 AR-1262-2	8.043	0.000	103528	0	13.417	N.D. #
38)	L8 AR-1262-3	8.289	0.000	172414	0	33.791	N.D. #
39)	L8 AR-1262-4	8.388	0.000	217267	0	56.364	N.D. #
41)	L9 AR-1268-1	8.289	0.000	172414	0	18.321	N.D. #
42)	L9 AR-1268-2	8.388	0.000	217267	0	27.563	N.D. #
43)	L9 AR-1268-3	8.594	0.000	58244	0	8.263	N.D. #

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 Acq On : 30 Aug 2019 21:02
 Operator : SM/AJ
 Sample : K4555-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

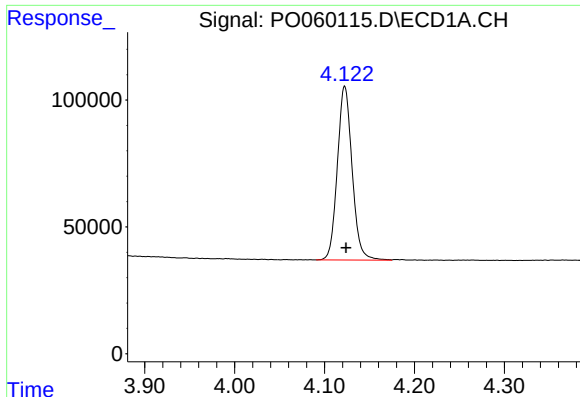
Instrument :
 ECD_O
 ClientSampleId :
 TW-6

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 23:25:50 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
45) L9	AR-1268-5	9.298	0.000	54438	0	2.952	N.D. #

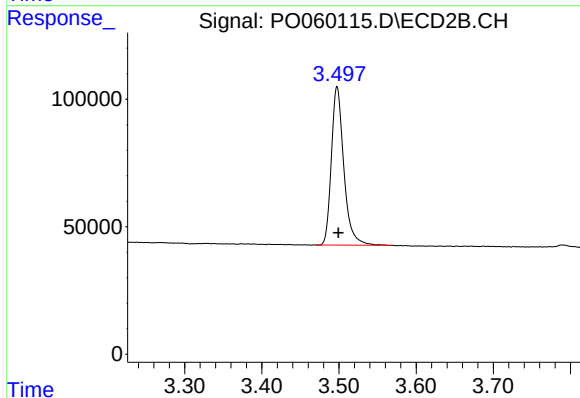
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

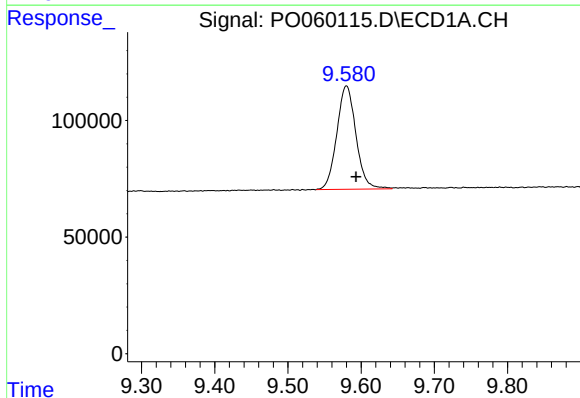
R.T.: 4.122 min
Delta R.T.: -0.002 min
Response: 780587
Conc: 22.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



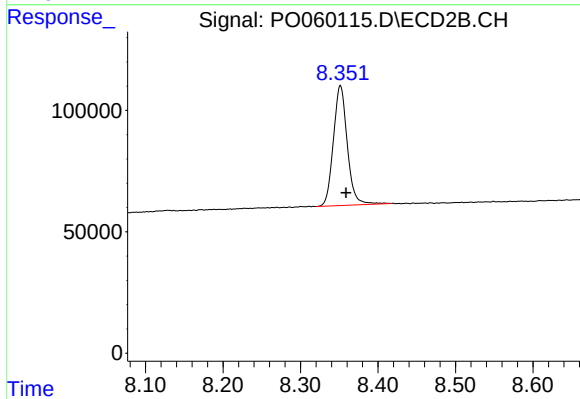
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.002 min
Response: 697647
Conc: 19.38 ng/ml



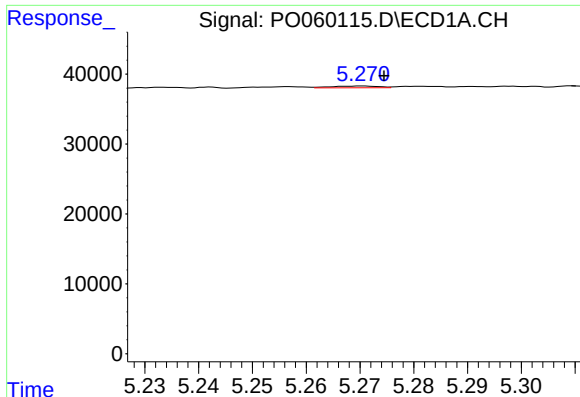
#2 Decachlorobiphenyl

R.T.: 9.580 min
Delta R.T.: -0.013 min
Response: 805658
Conc: 15.14 ng/ml



#2 Decachlorobiphenyl

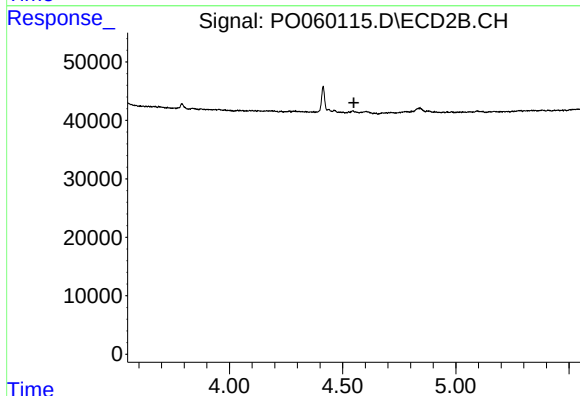
R.T.: 8.351 min
Delta R.T.: -0.008 min
Response: 615015
Conc: 15.25 ng/ml



#3 AR-1016-1

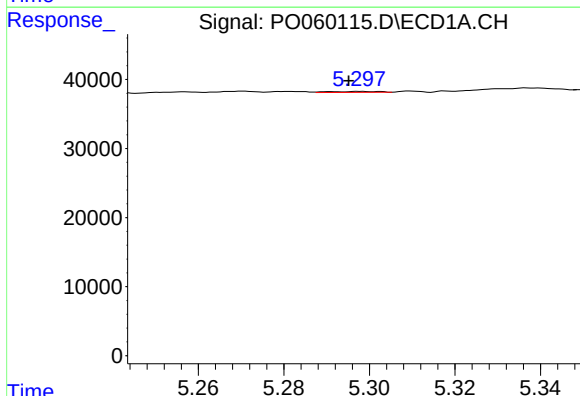
R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 1488
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



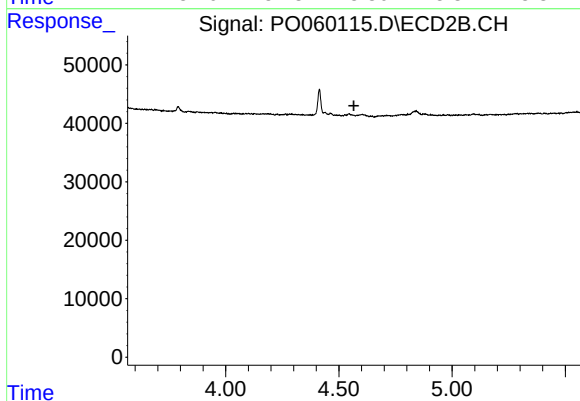
#3 AR-1016-1

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



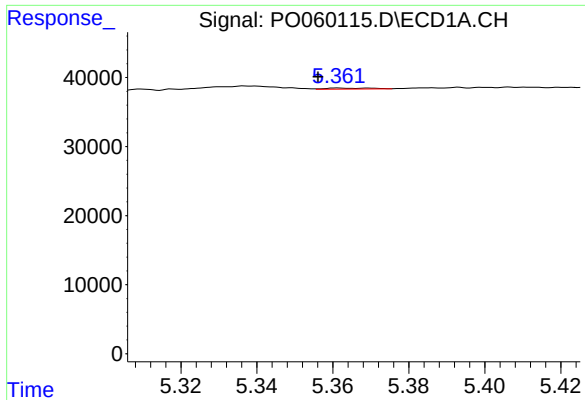
#4 AR-1016-2

R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 1190
Conc: 0.50 ng/ml



#4 AR-1016-2

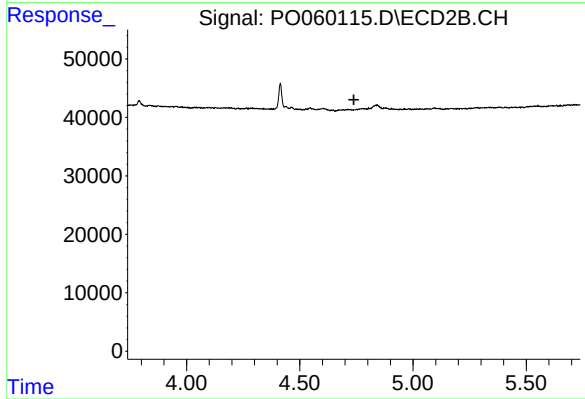
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

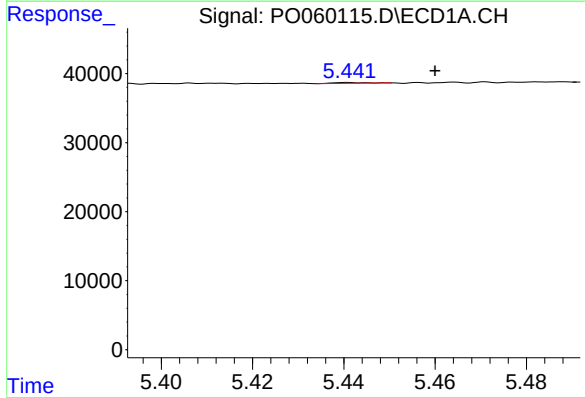
R.T.: 5.369 min
Delta R.T.: 0.013 min
Response: 1200
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



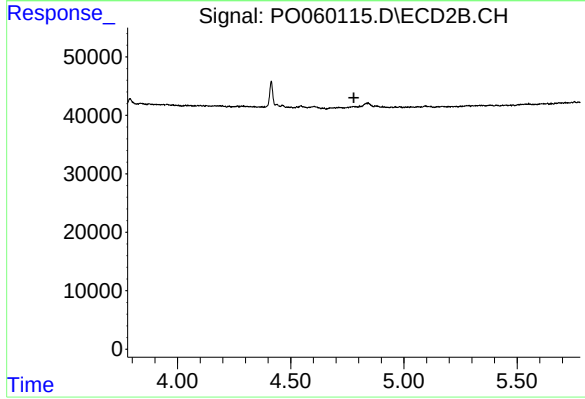
#5 AR-1016-3

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



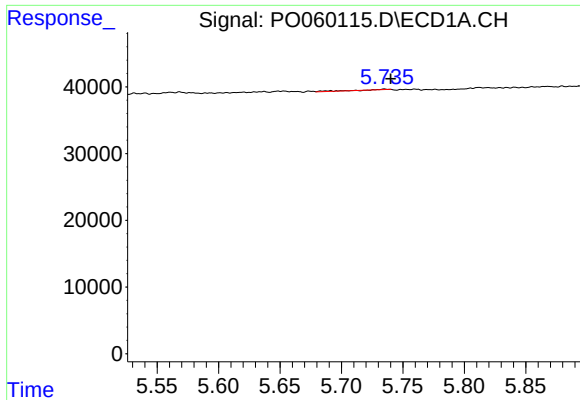
#6 AR-1016-4

R.T.: 5.441 min
Delta R.T.: -0.019 min
Response: 1399
Conc: 1.16 ng/ml



#6 AR-1016-4

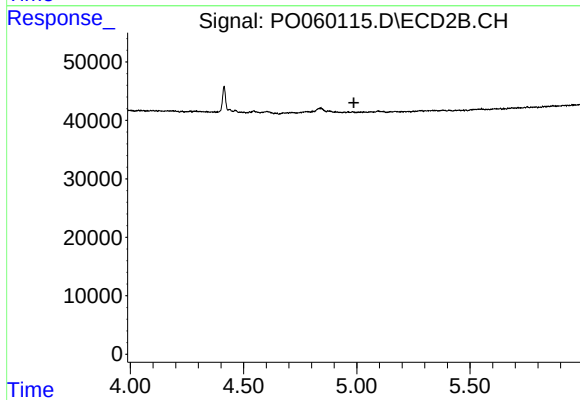
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

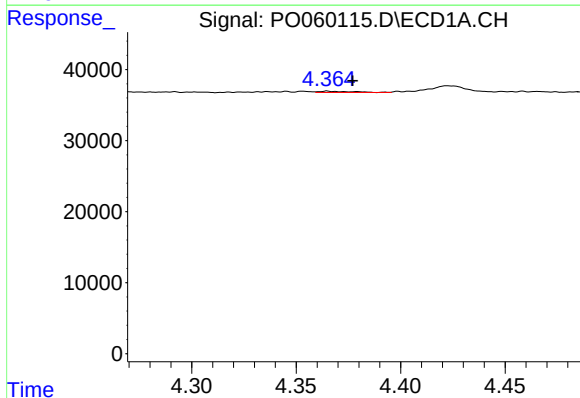
R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 1726
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



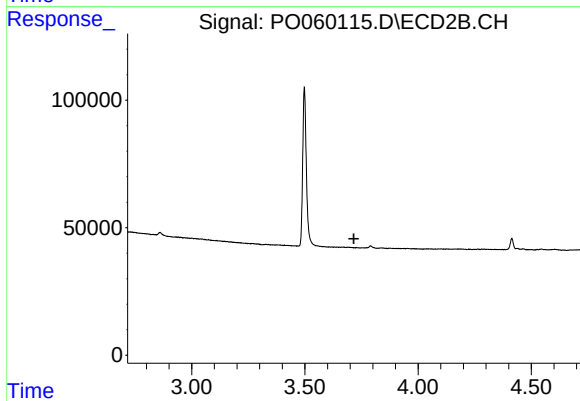
#7 AR-1016-5

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



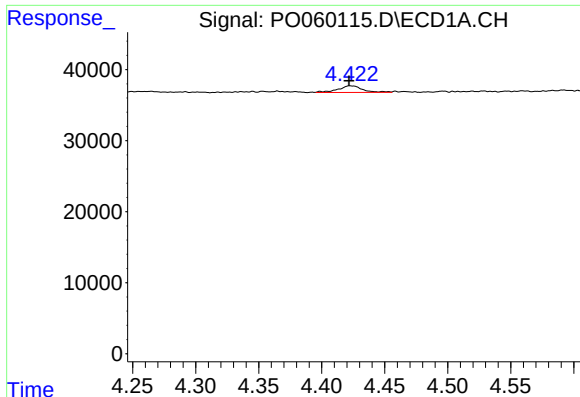
#8 AR-1221-1

R.T.: 4.365 min
Delta R.T.: -0.012 min
Response: 1996
Conc: 4.71 ng/ml



#8 AR-1221-1

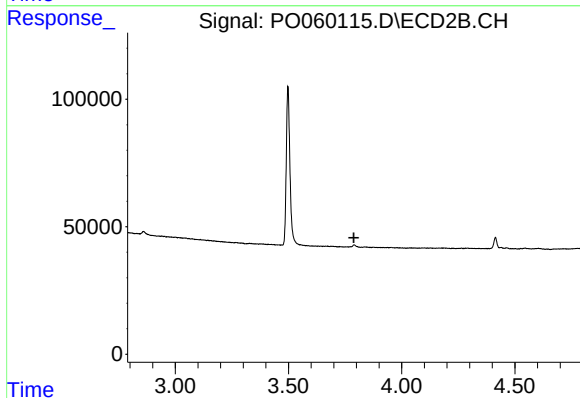
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

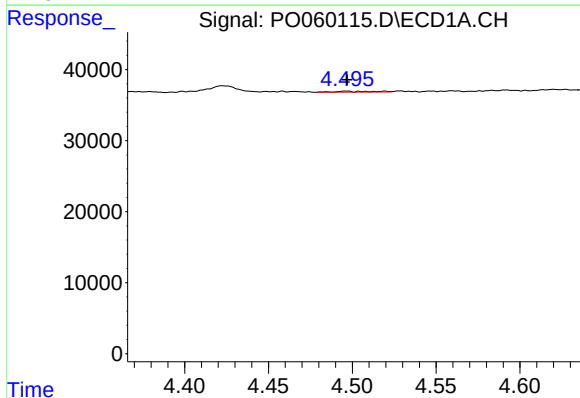
R.T.: 4.423 min
Delta R.T.: 0.001 min
Response: 12435
Conc: 38.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



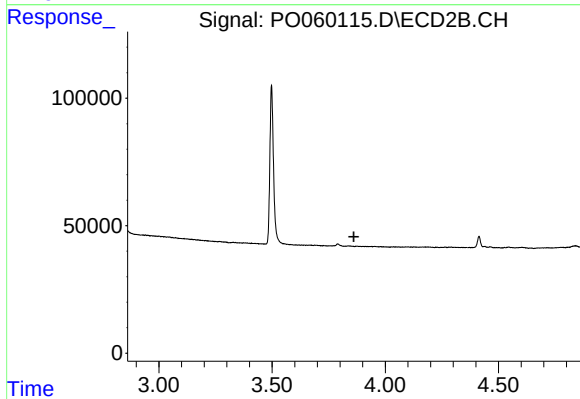
#9 AR-1221-2

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



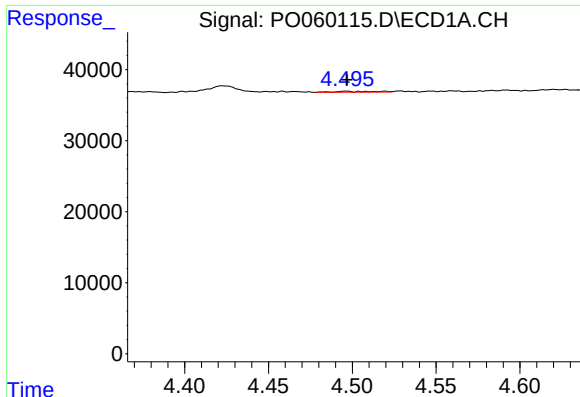
#10 AR-1221-3

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 1967
Conc: 1.87 ng/ml



#10 AR-1221-3

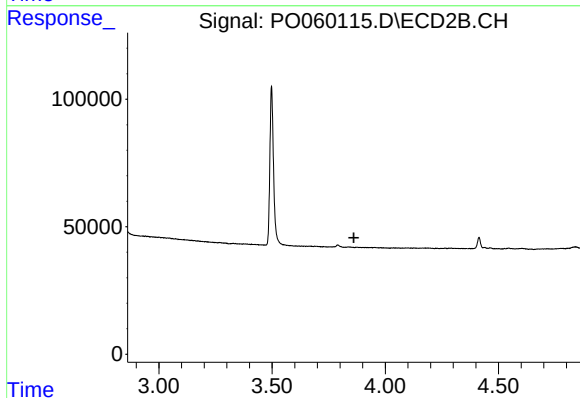
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

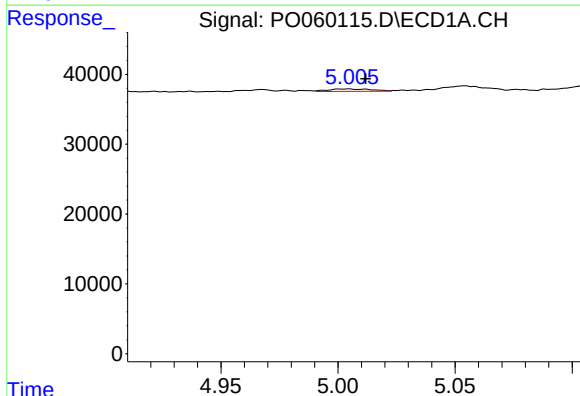
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 1967
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



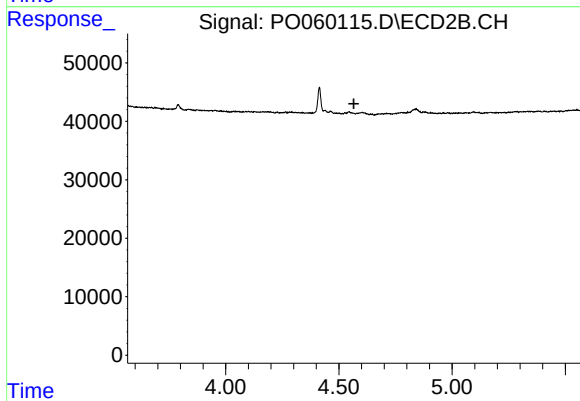
#11 AR-1232-1

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



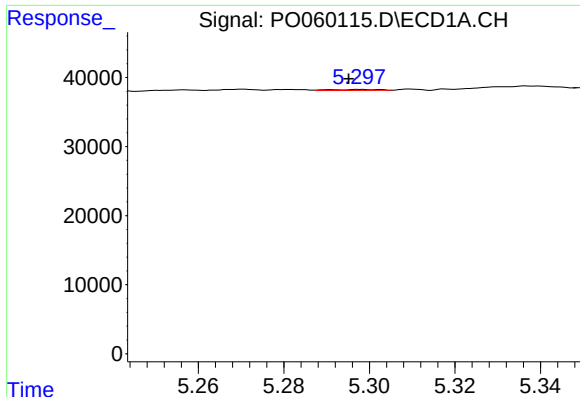
#12 AR-1232-2

R.T.: 5.004 min
Delta R.T.: -0.008 min
Response: 4413
Conc: 6.25 ng/ml



#12 AR-1232-2

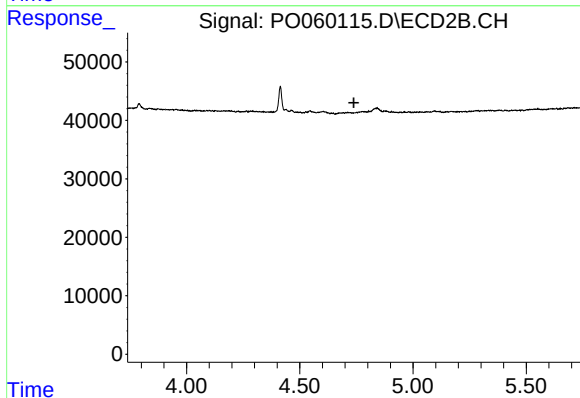
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

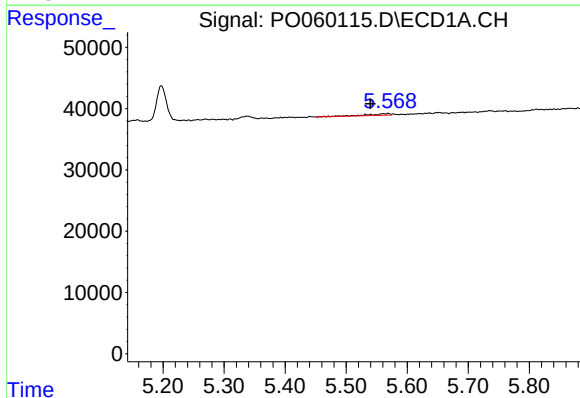
R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 1190
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



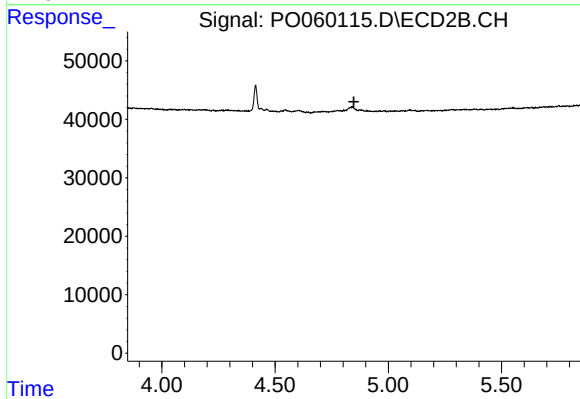
#13 AR-1232-3

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



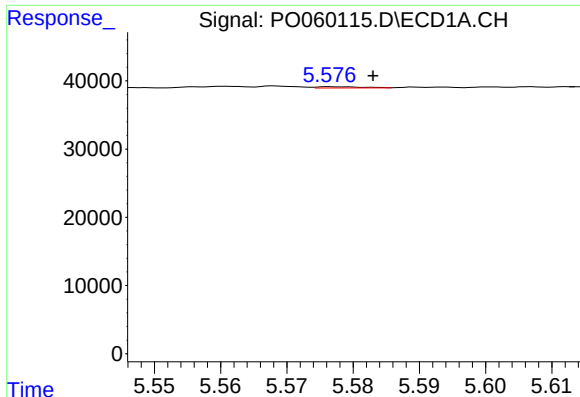
#14 AR-1232-4

R.T.: 5.569 min
Delta R.T.: 0.029 min
Response: 6863
Conc: 8.78 ng/ml



#14 AR-1232-4

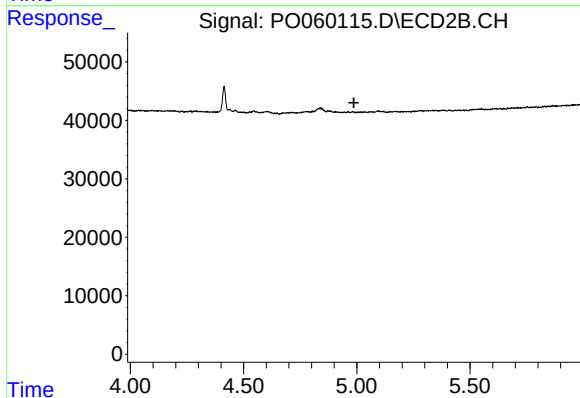
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

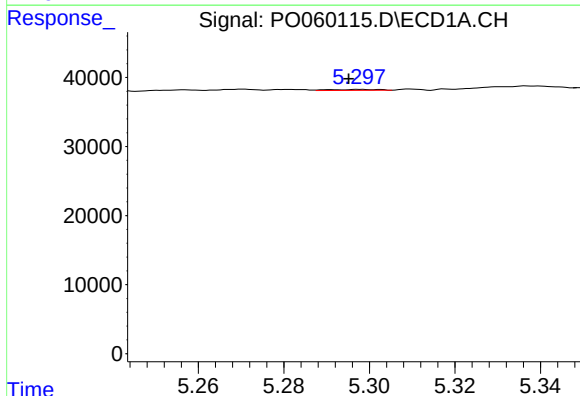
R.T.: 5.577 min
Delta R.T.: -0.006 min
Response: 854
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



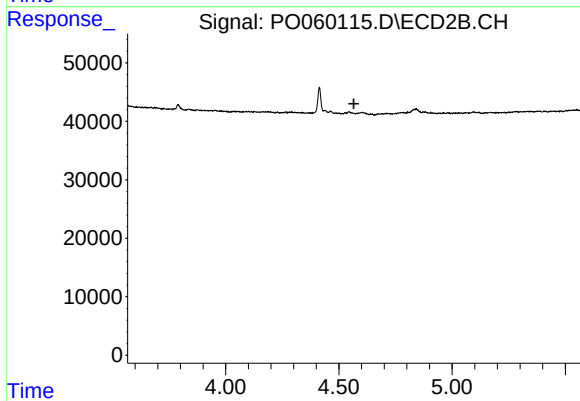
#15 AR-1232-5

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



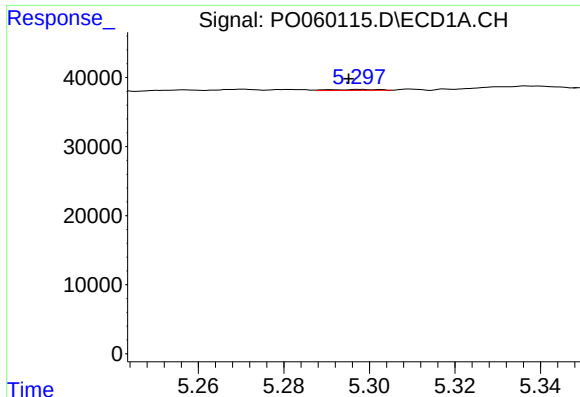
#16 AR-1242-1

R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 1190
Conc: 0.94 ng/ml



#16 AR-1242-1

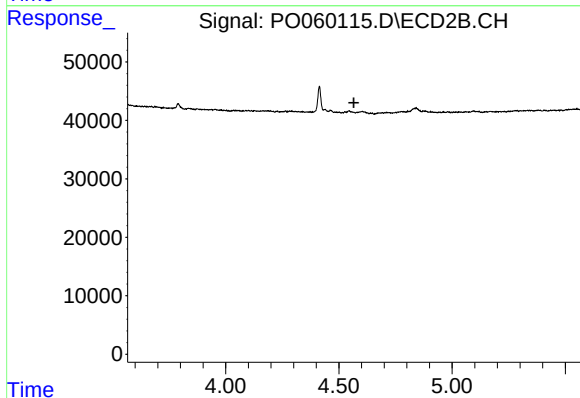
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

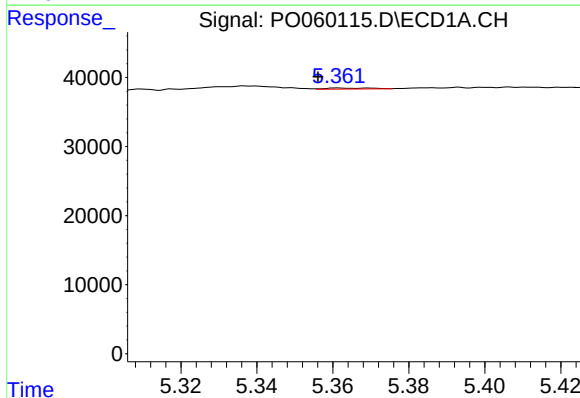
R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 1190
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



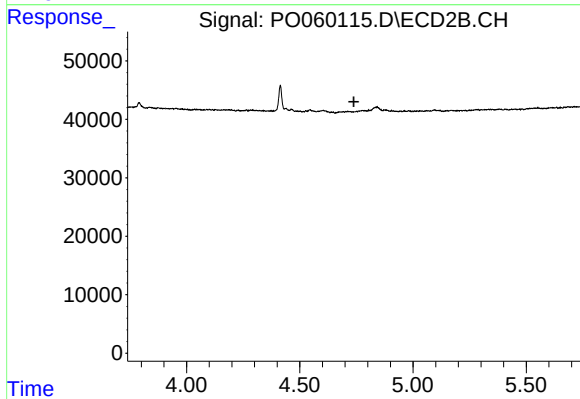
#17 AR-1242-2

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



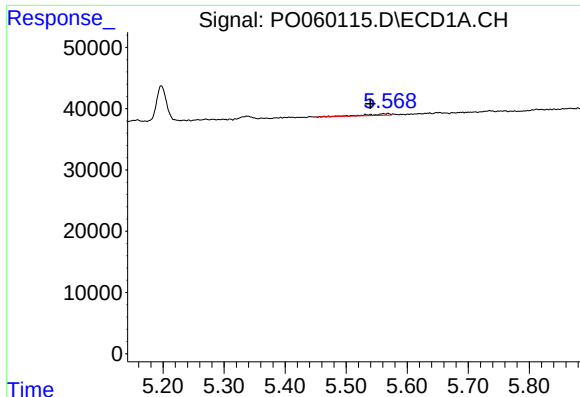
#18 AR-1242-3

R.T.: 5.369 min
Delta R.T.: 0.013 min
Response: 1200
Conc: 1.03 ng/ml



#18 AR-1242-3

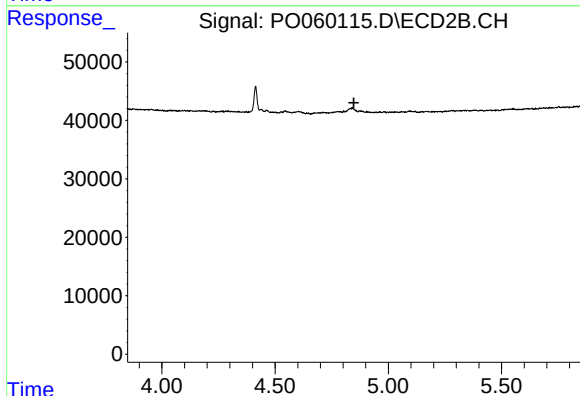
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

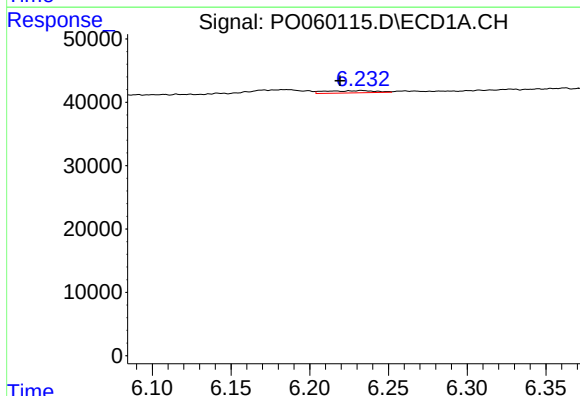
R.T.: 5.569 min
Delta R.T.: 0.029 min
Response: 6863
Conc: 7.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



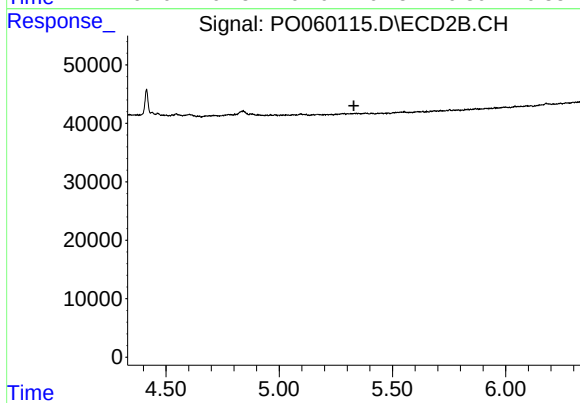
#19 AR-1242-4

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



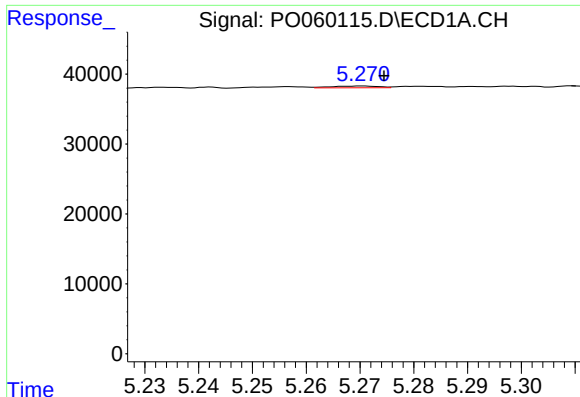
#20 AR-1242-5

R.T.: 6.233 min
Delta R.T.: 0.014 min
Response: 8085
Conc: 6.43 ng/ml



#20 AR-1242-5

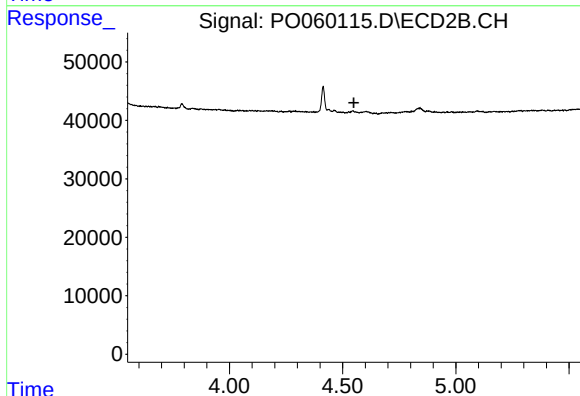
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

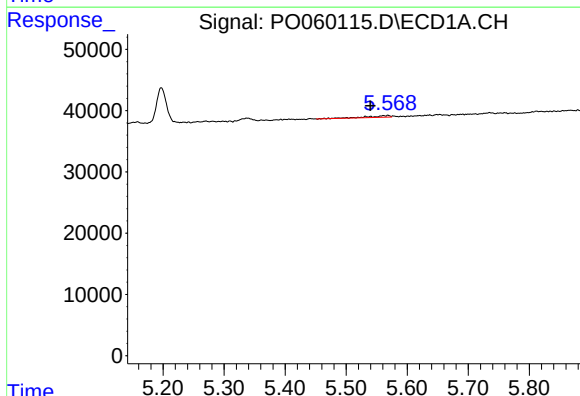
R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 1488
Conc: 1.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



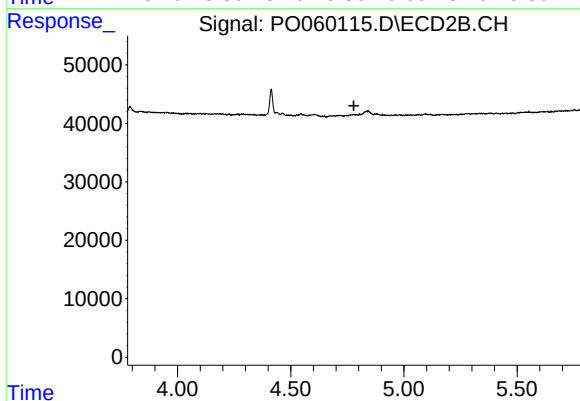
#21 AR-1248-1

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



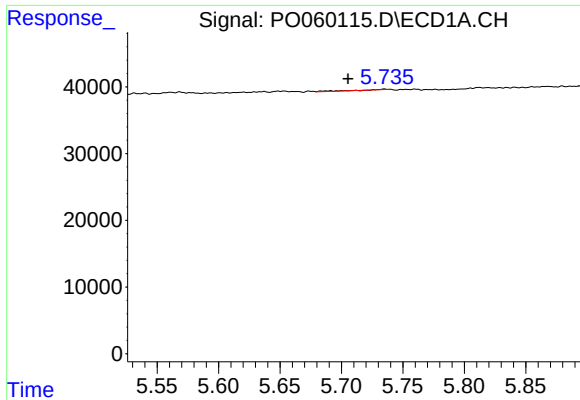
#22 AR-1248-2

R.T.: 5.569 min
Delta R.T.: 0.029 min
Response: 6863
Conc: 4.73 ng/ml



#22 AR-1248-2

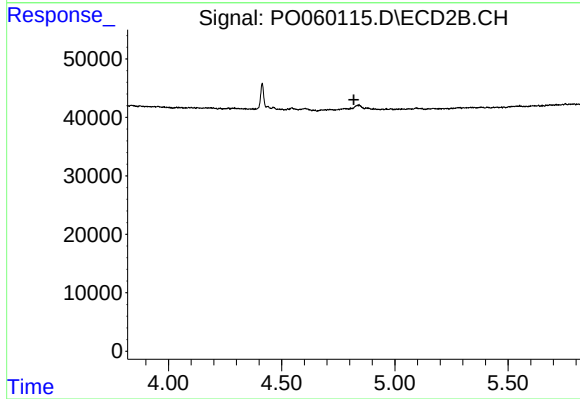
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

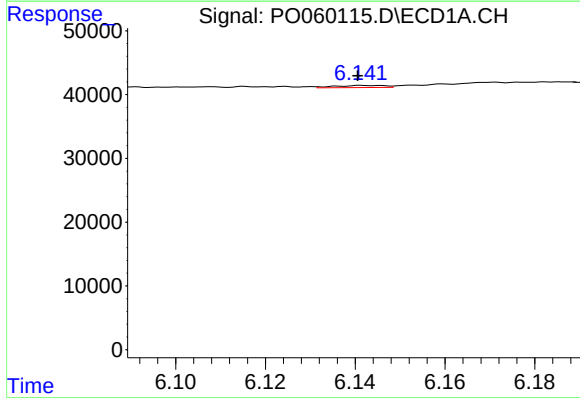
R.T.: 5.735 min
Delta R.T.: 0.030 min
Response: 1726
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



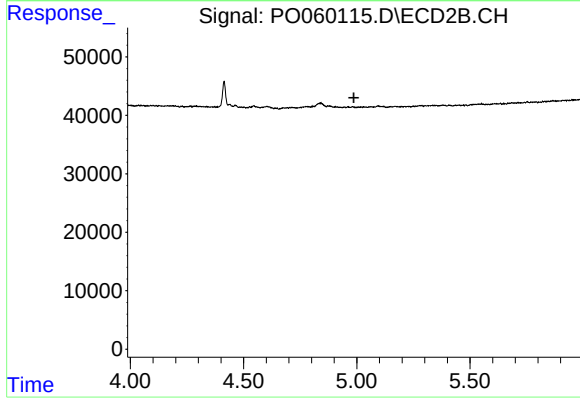
#23 AR-1248-3

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



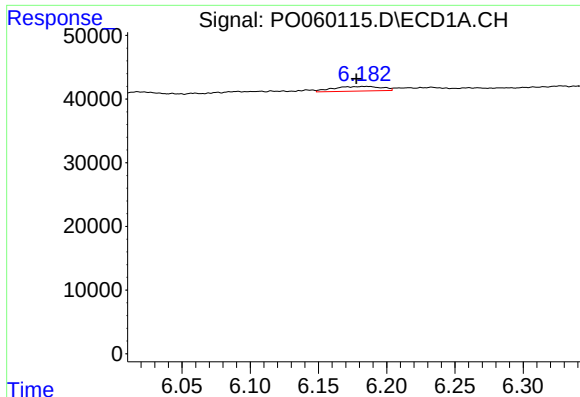
#24 AR-1248-4

R.T.: 6.142 min
Delta R.T.: 0.002 min
Response: 2614
Conc: 1.28 ng/ml



#24 AR-1248-4

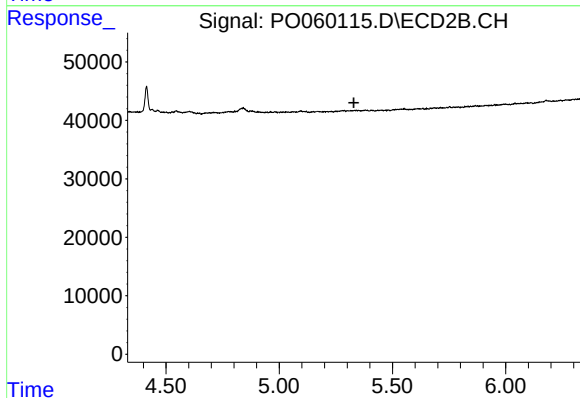
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

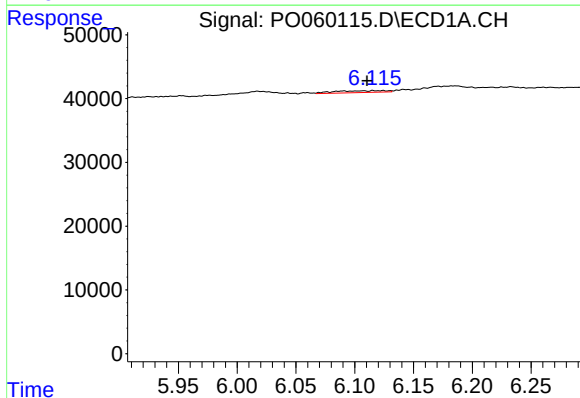
R.T.: 6.184 min
Delta R.T.: 0.007 min
Response: 17768
Conc: 8.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



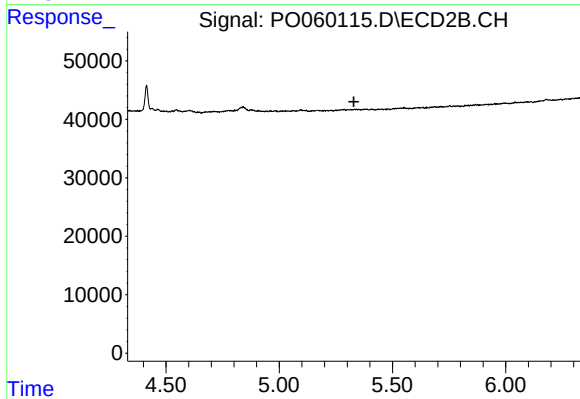
#25 AR-1248-5

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



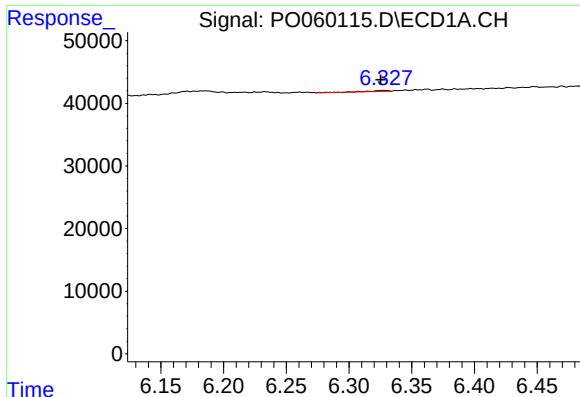
#26 AR-1254-1

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 8943
Conc: 4.29 ng/ml



#26 AR-1254-1

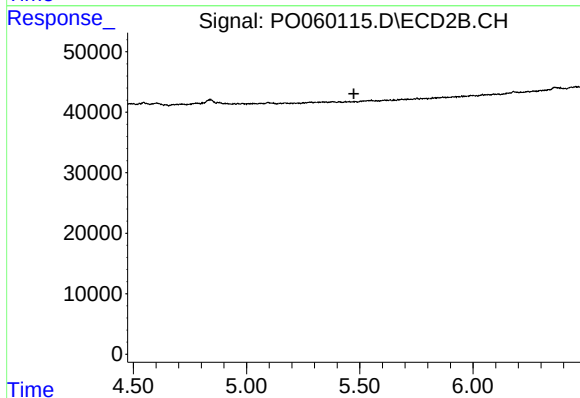
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

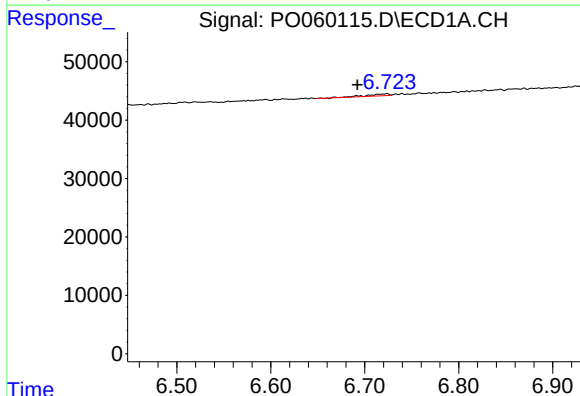
R.T.: 6.328 min
Delta R.T.: 0.003 min
Response: 2256
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



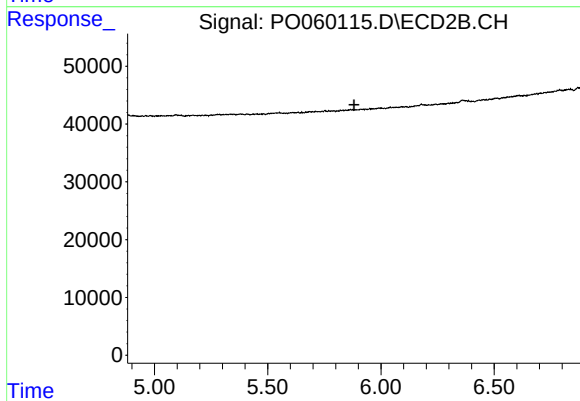
#27 AR-1254-2

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



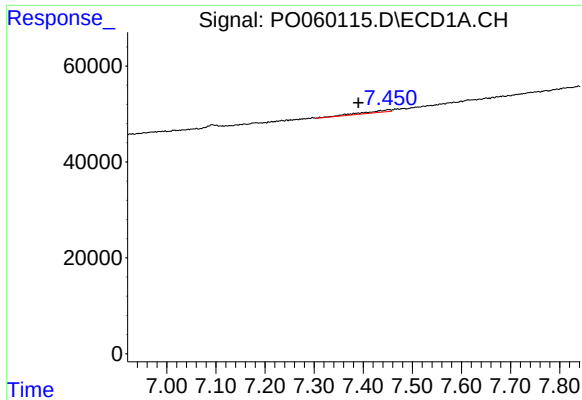
#28 AR-1254-3

R.T.: 6.723 min
Delta R.T.: 0.031 min
Response: 5870
Conc: 1.65 ng/ml



#28 AR-1254-3

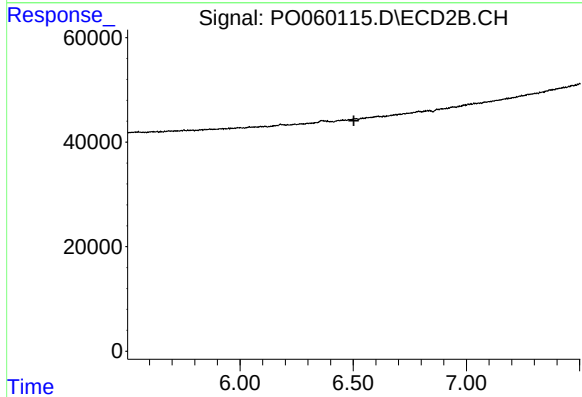
R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



#30 AR-1254-5

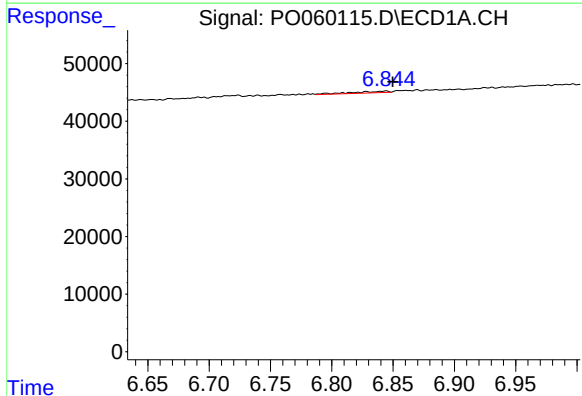
R.T.: 7.451 min
Delta R.T.: 0.061 min
Response: 17059
Conc: 5.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



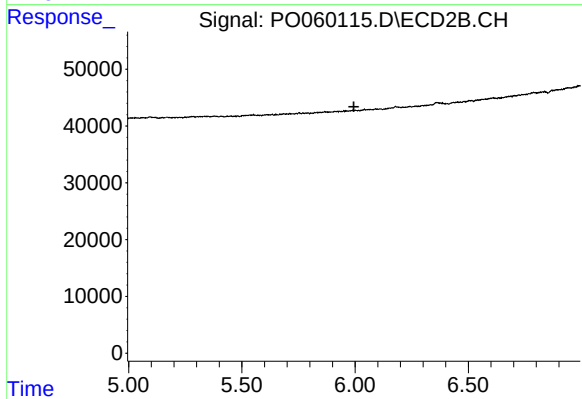
#30 AR-1254-5

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



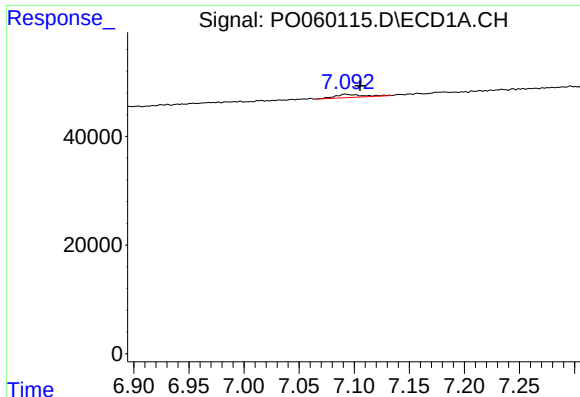
#31 AR-1260-1

R.T.: 6.844 min
Delta R.T.: -0.006 min
Response: 5414
Conc: 2.01 ng/ml



#31 AR-1260-1

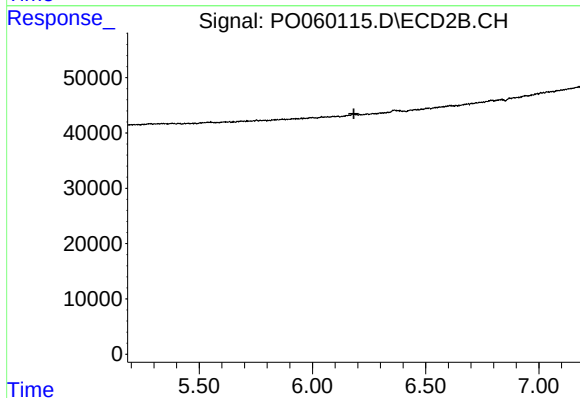
R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



#32 AR-1260-2

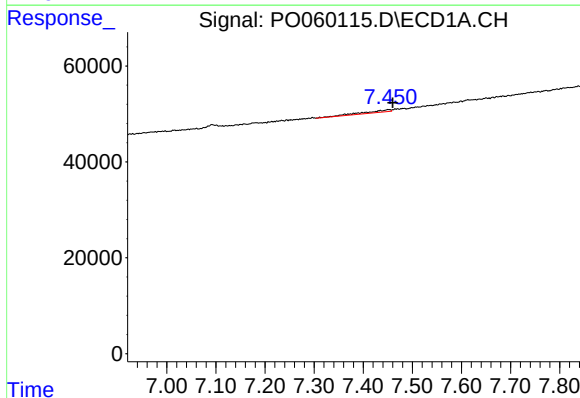
R.T.: 7.092 min
Delta R.T.: -0.013 min
Response: 10410
Conc: 2.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



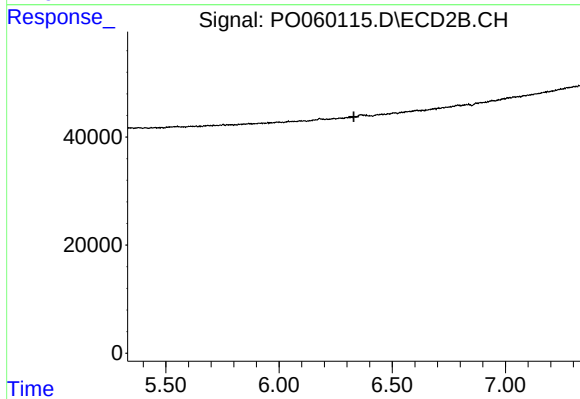
#32 AR-1260-2

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



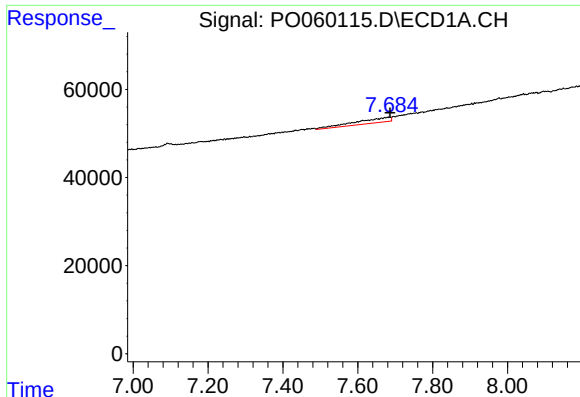
#33 AR-1260-3

R.T.: 7.451 min
Delta R.T.: -0.008 min
Response: 17059
Conc: 5.21 ng/ml



#33 AR-1260-3

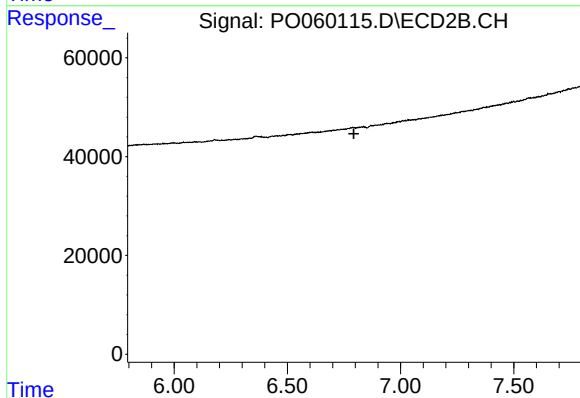
R.T.: 0.000 min
Exp R.T. : 6.331 min
Response: 0
Conc: N.D.



#34 AR-1260-4

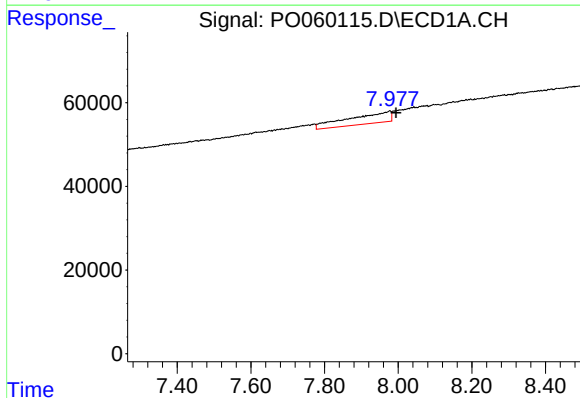
R.T.: 7.685 min
Delta R.T.: -0.002 min
Response: 74836
Conc: 24.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



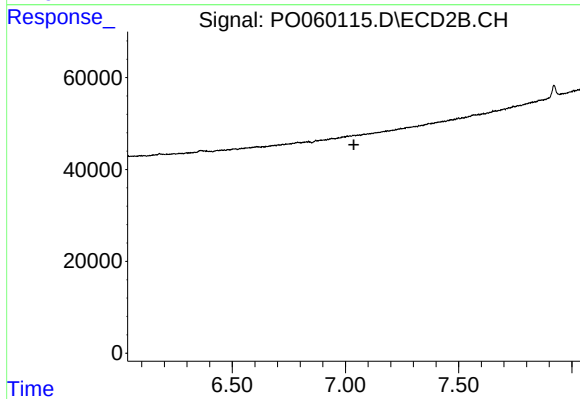
#34 AR-1260-4

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



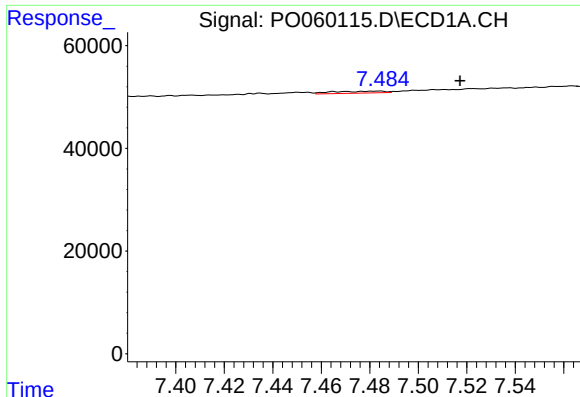
#35 AR-1260-5

R.T.: 7.977 min
Delta R.T.: -0.017 min
Response: 212669
Conc: 30.03 ng/ml



#35 AR-1260-5

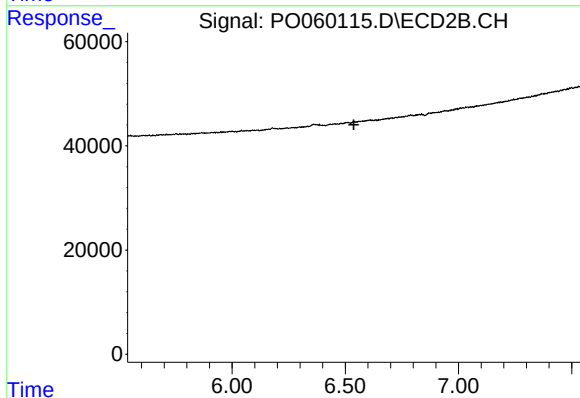
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#36 AR-1262-1

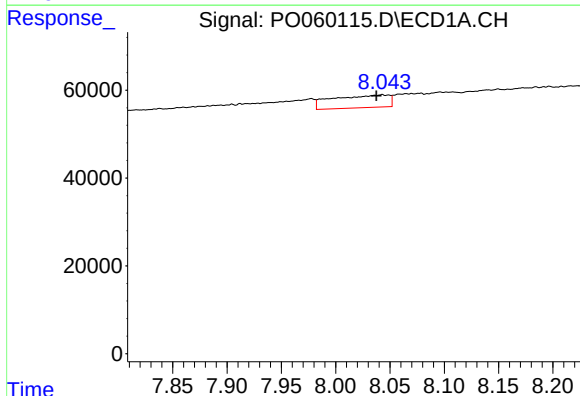
R.T.: 7.483 min
Delta R.T.: -0.034 min
Response: 5607
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



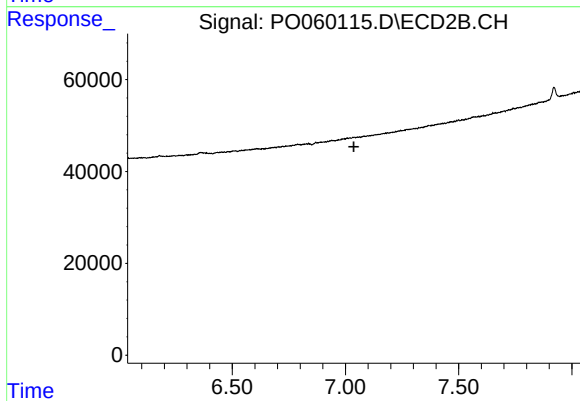
#36 AR-1262-1

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



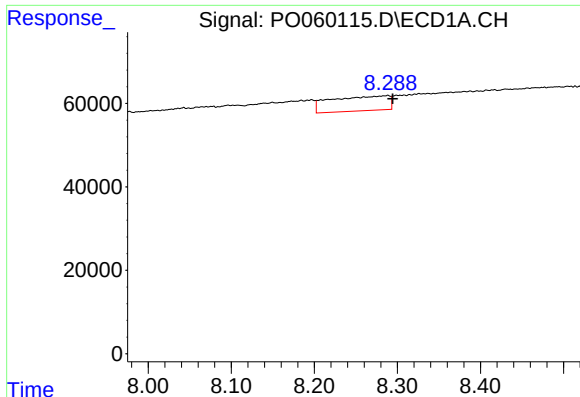
#37 AR-1262-2

R.T.: 8.043 min
Delta R.T.: 0.005 min
Response: 103528
Conc: 13.42 ng/ml



#37 AR-1262-2

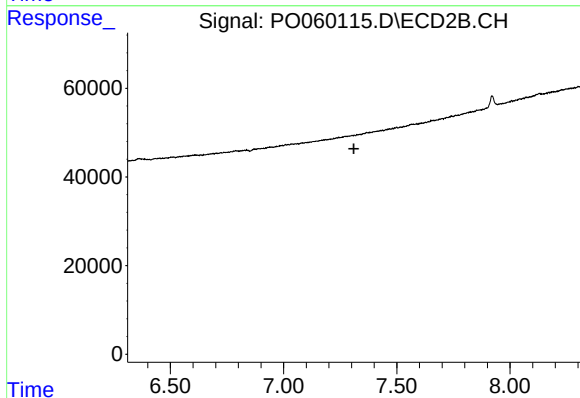
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#38 AR-1262-3

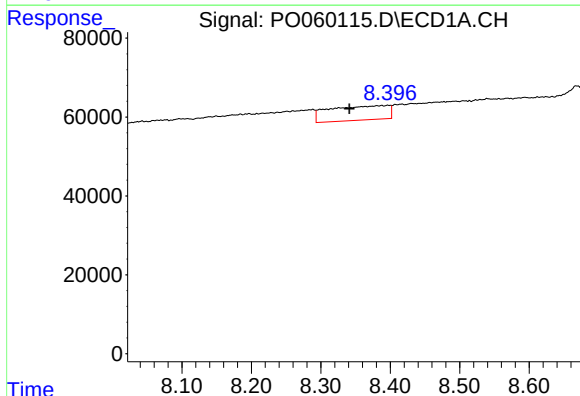
R.T.: 8.289 min
Delta R.T.: -0.006 min
Response: 172414
Conc: 33.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



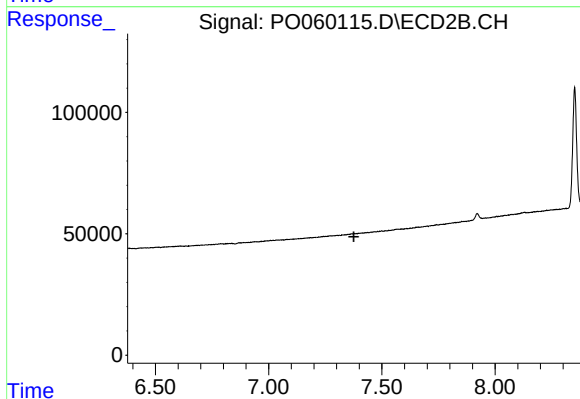
#38 AR-1262-3

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



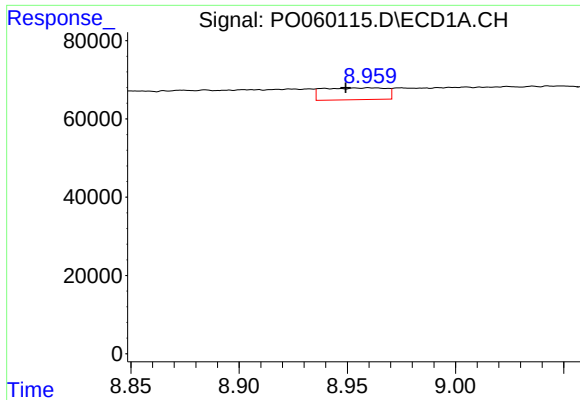
#39 AR-1262-4

R.T.: 8.388 min
Delta R.T.: 0.046 min
Response: 217267
Conc: 56.36 ng/ml



#39 AR-1262-4

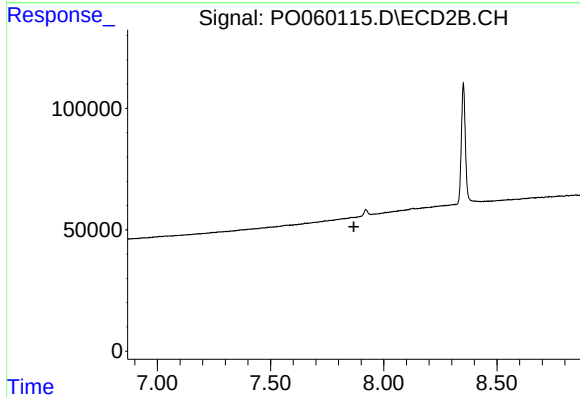
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#40 AR-1262-5

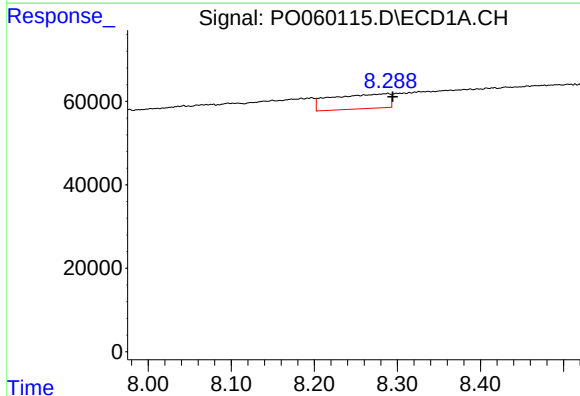
R.T.: 8.960 min
Delta R.T.: 0.011 min
Response: 60796
Conc: 23.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



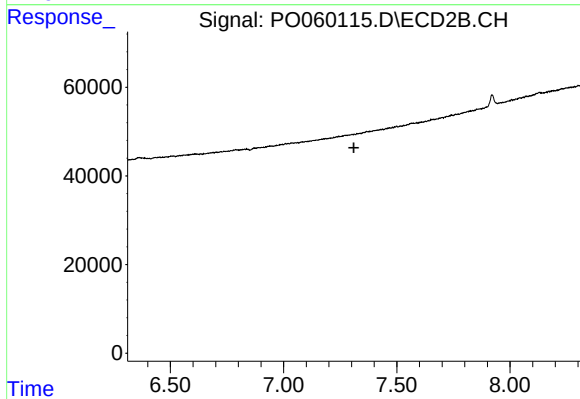
#40 AR-1262-5

R.T.: 7.920 min
Delta R.T.: 0.052 min
Response: -401799
Conc: N.D.



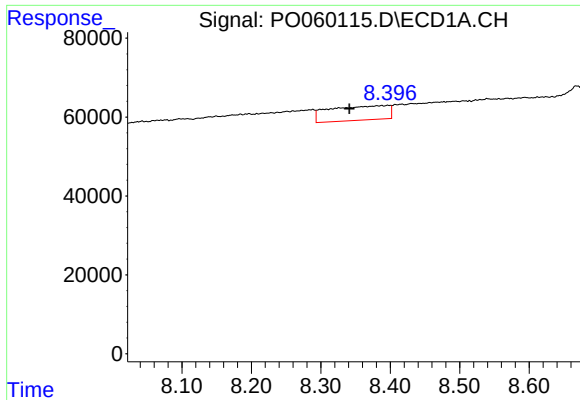
#41 AR-1268-1

R.T.: 8.289 min
Delta R.T.: -0.006 min
Response: 172414
Conc: 18.32 ng/ml



#41 AR-1268-1

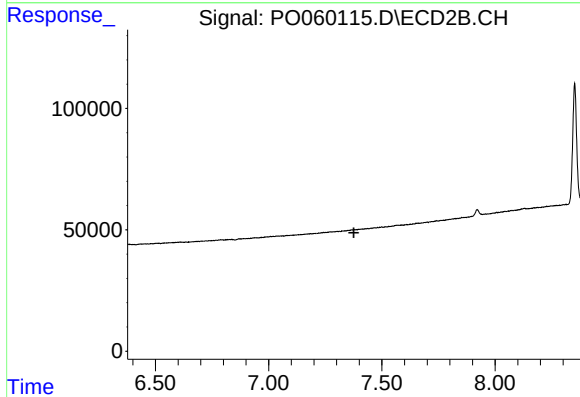
R.T.: 0.000 min
Exp R.T.: 7.310 min
Response: 0
Conc: N.D.



#42 AR-1268-2

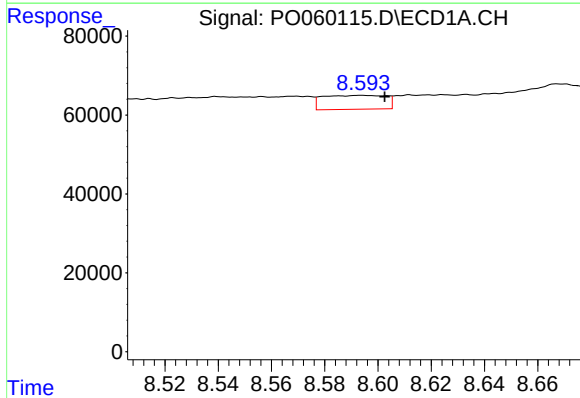
R.T.: 8.388 min
Delta R.T.: 0.046 min
Response: 217267
Conc: 27.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



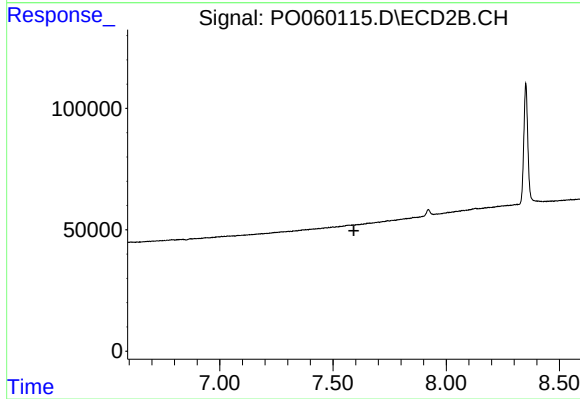
#42 AR-1268-2

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



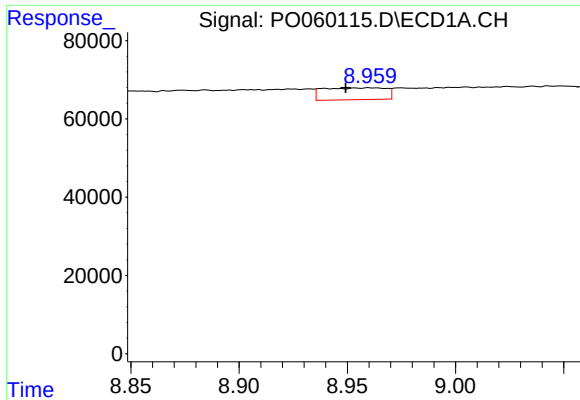
#43 AR-1268-3

R.T.: 8.594 min
Delta R.T.: -0.009 min
Response: 58244
Conc: 8.26 ng/ml



#43 AR-1268-3

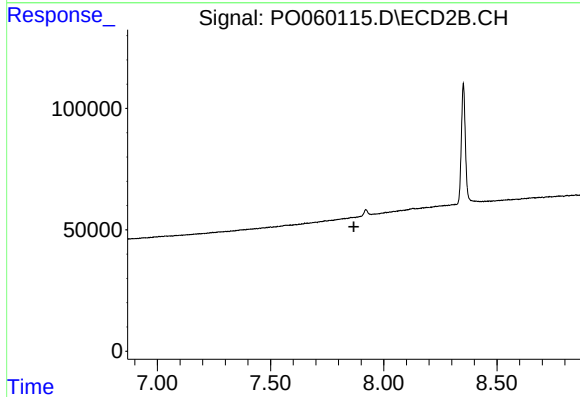
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

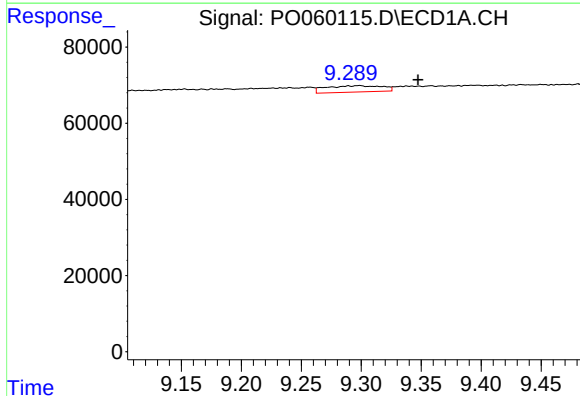
R.T.: 8.960 min
Delta R.T.: 0.011 min
Response: 60796
Conc: 21.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-6



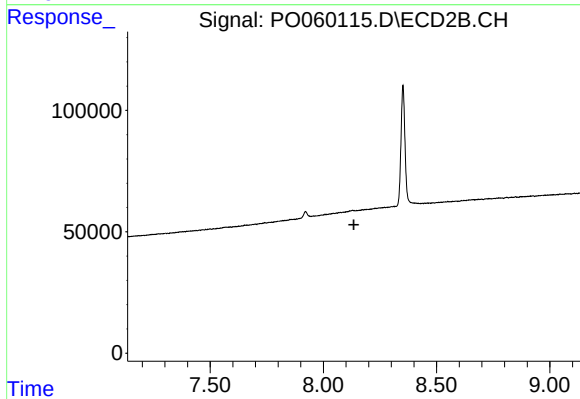
#44 AR-1268-4

R.T.: 7.920 min
Delta R.T.: 0.052 min
Response: -401799
Conc: N.D.



#45 AR-1268-5

R.T.: 9.298 min
Delta R.T.: -0.049 min
Response: 54438
Conc: 2.95 ng/ml



#45 AR-1268-5

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