

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060154.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Aug 2019 8:40
 Operator : SM/AJ
 Sample : K4591-03
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SB-3-30-32

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 13:11:28 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...	4.117	3.496	754247	824232	21.542	22.898
2)	SA Decachlor...	9.572	8.348	855343	668334	16.078	16.575
Target Compounds							
3)	L1 AR-1016-1	5.301	0.000	1632	0	1.018	N.D. #
4)	L1 AR-1016-2	5.301	0.000	1632	0	0.682	N.D. #
5)	L1 AR-1016-3	5.355	0.000	721	0	0.484	N.D. #
6)	L1 AR-1016-4	5.502	0.000	72	0	0.060	N.D. #
7)	L1 AR-1016-5	5.735	0.000	2224	0	1.732	N.D. #
8)	L2 AR-1221-1	4.377	0.000	733	0	1.730	N.D. #
9)	L2 AR-1221-2	4.417	0.000	14459	0	44.517	N.D. #
10)	L2 AR-1221-3	4.494	0.000	2745	0	2.609	N.D. #
11)	L3 AR-1232-1	4.494	0.000	2745	0	2.202	N.D. #
12)	L3 AR-1232-2	5.015	0.000	311	0	0.440	N.D. #
13)	L3 AR-1232-3	5.301	0.000	1632	0	1.066	N.D. #
14)	L3 AR-1232-4	5.531	0.000	5317	0	6.800	N.D. #
15)	L3 AR-1232-5	5.596	0.000	2101	0	3.495	N.D. #
16)	L4 AR-1242-1	5.301	0.000	1632	0	1.286	N.D. #
17)	L4 AR-1242-2	5.301	0.000	1632	0	0.880	N.D. #
18)	L4 AR-1242-3	5.355	0.000	721	0	0.617	N.D. #
19)	L4 AR-1242-4	5.531	0.000	5317	0	5.493	N.D. #
20)	L4 AR-1242-5	6.190	0.000	577	0	0.459	N.D. #
21)	L5 AR-1248-1	5.301	0.000	1632	0	1.628	N.D. #
22)	L5 AR-1248-2	5.531	0.000	5317	0	3.664	N.D. #
23)	L5 AR-1248-3	5.694	0.000	1418	0	0.853	N.D. #
24)	L5 AR-1248-4	6.132	0.000	3265	0	1.597	N.D. #
25)	L5 AR-1248-5	6.166	0.000	3422	0	1.726	N.D. #
26)	L6 AR-1254-1	6.099	0.000	8415	0	4.033	N.D. #
27)	L6 AR-1254-2	6.318	0.000	9534	0	2.858	N.D. #
28)	L6 AR-1254-3	6.684	0.000	9107	0	2.566	N.D. #
29)	L6 AR-1254-4	6.968	0.000	6402	0	2.173	N.D. #
30)	L6 AR-1254-5	7.382	0.000	11181	0	3.616	N.D. #
31)	L7 AR-1260-1	6.833	0.000	3290	0	1.220	N.D. #
32)	L7 AR-1260-2	7.094	0.000	6554	0	1.766	N.D. #
35)	L7 AR-1260-5	7.987	0.000	23659	0	3.341	N.D. #
37)	L8 AR-1262-2	8.043	0.000	64501	0	8.360	N.D. #
38)	L8 AR-1262-3	8.314	0.000	97209	0	19.052	N.D. #
39)	L8 AR-1262-4	8.345	0.000	49418	0	12.820	N.D. #
40)	L8 AR-1262-5	8.950	0.000	16641	0	6.484	N.D. #
41)	L9 AR-1268-1	8.314	0.000	97209	0	10.330	N.D. #
42)	L9 AR-1268-2	8.345	0.000	49418	0	6.269	N.D. #
43)	L9 AR-1268-3	8.603	0.000	81177	0	11.516	N.D. #
44)	L9 AR-1268-4	8.950	0.000	16641	0	5.986	N.D. #

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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
45) L9	AR-1268-5	9.344	0.000	23562	0	1.278	N.D. #

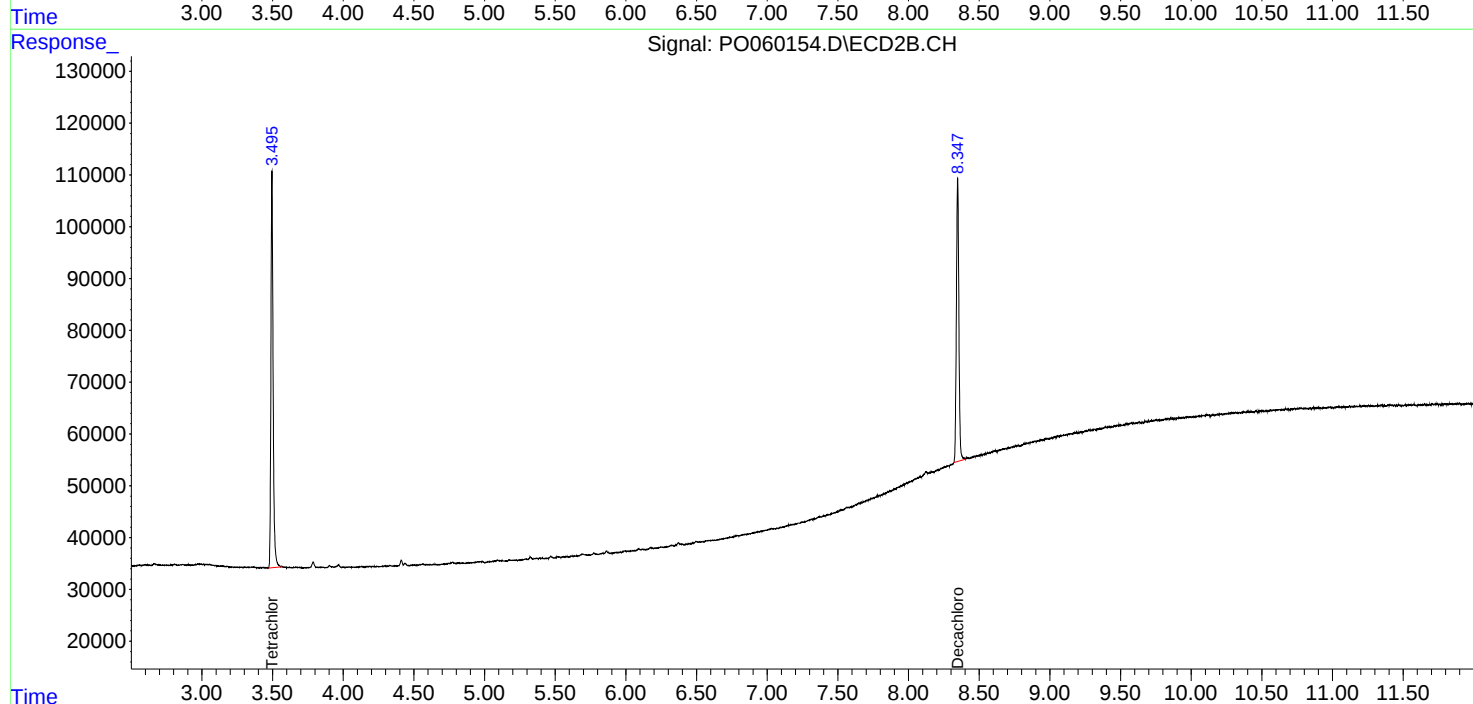
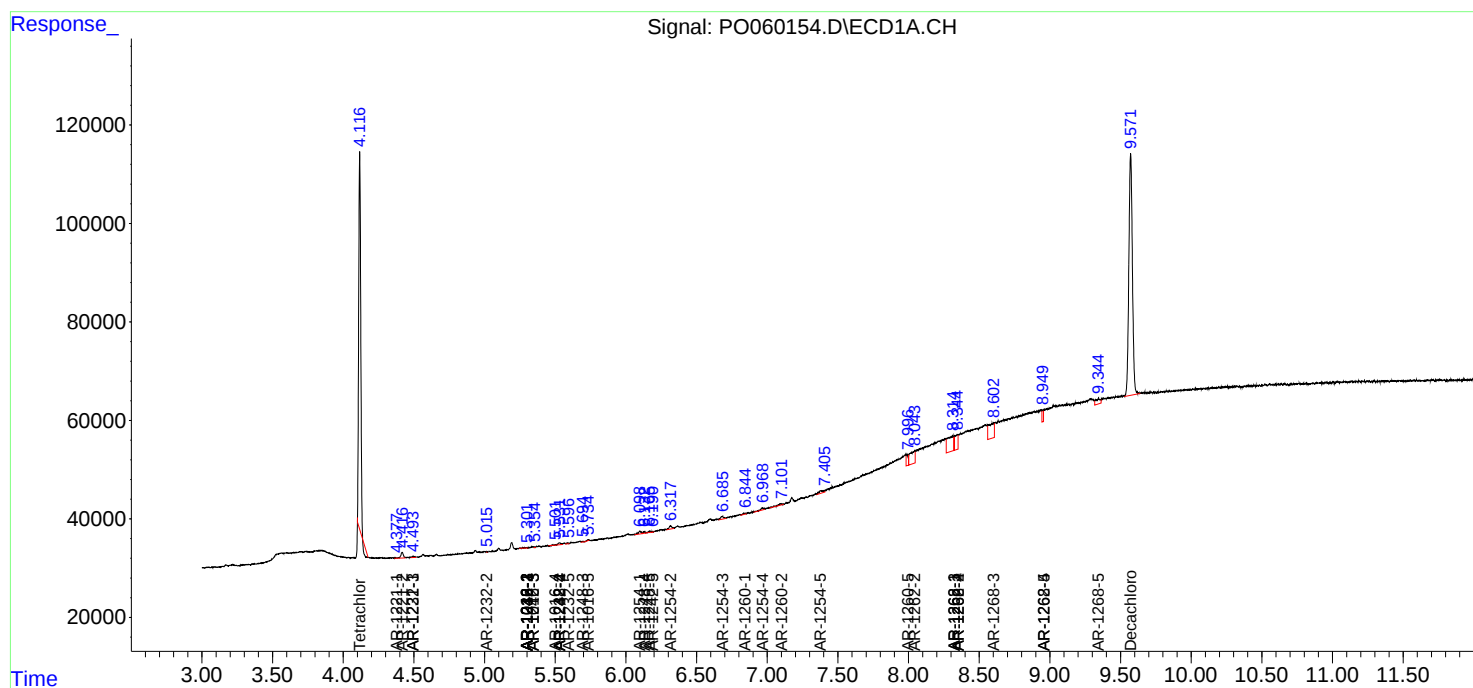
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

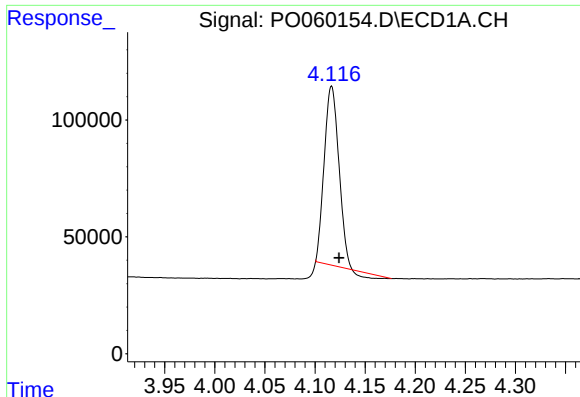
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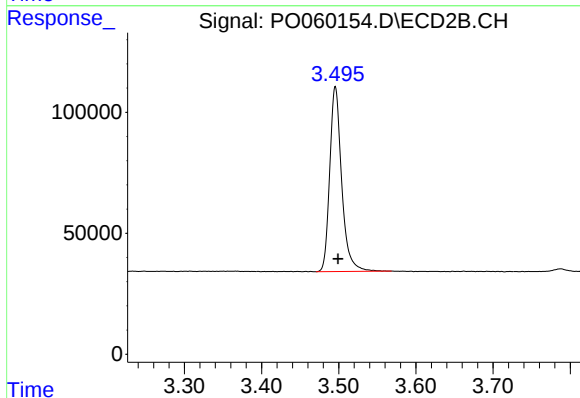




#1 Tetrachloro-m-xylene

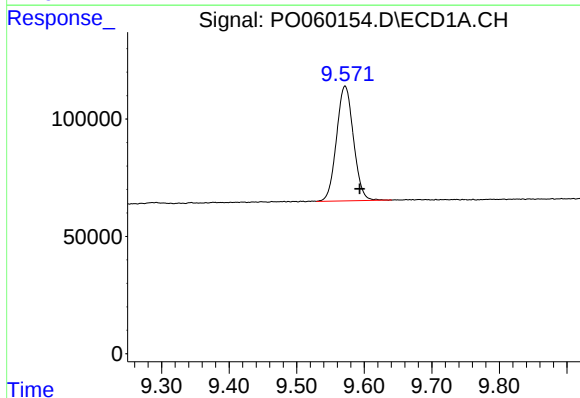
R.T.: 4.117 min
Delta R.T.: -0.007 min
Response: 754247
Conc: 21.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



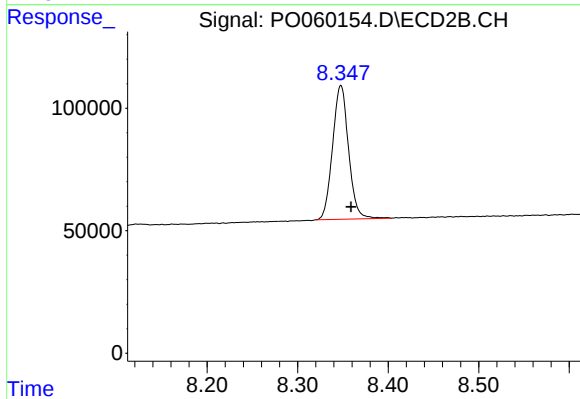
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.004 min
Response: 824232
Conc: 22.90 ng/ml



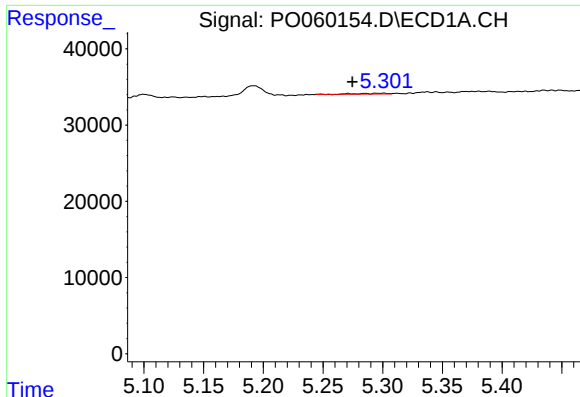
#2 Decachlorobiphenyl

R.T.: 9.572 min
Delta R.T.: -0.022 min
Response: 855343
Conc: 16.08 ng/ml



#2 Decachlorobiphenyl

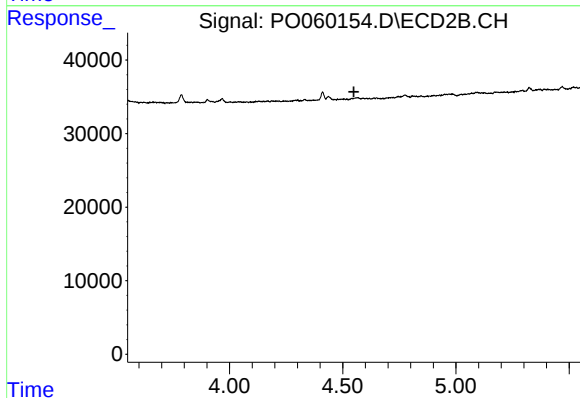
R.T.: 8.348 min
Delta R.T.: -0.011 min
Response: 668334
Conc: 16.58 ng/ml



#3 AR-1016-1

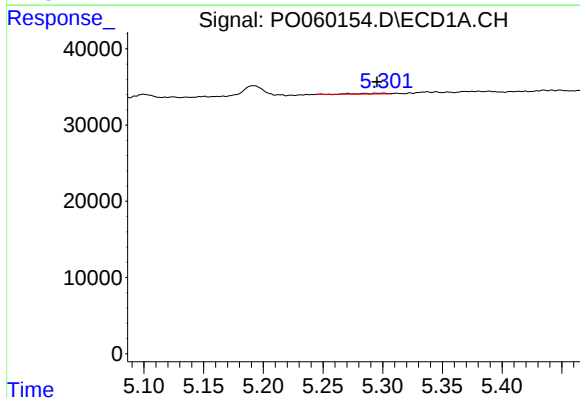
R.T.: 5.301 min
Delta R.T.: 0.026 min
Response: 1632
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



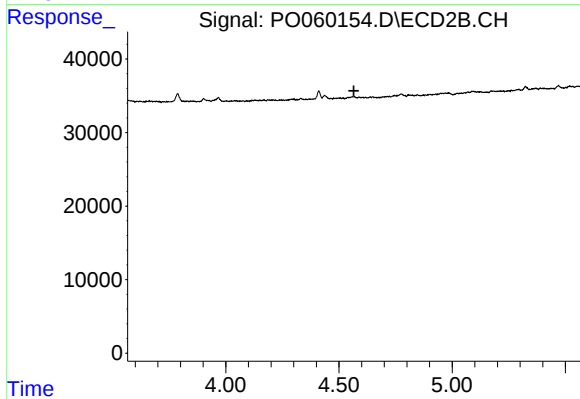
#3 AR-1016-1

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



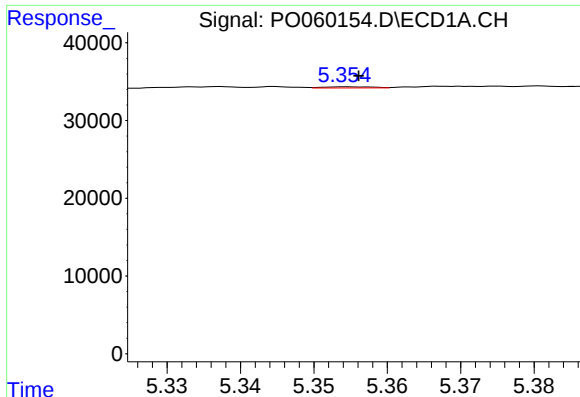
#4 AR-1016-2

R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 1632
Conc: 0.68 ng/ml



#4 AR-1016-2

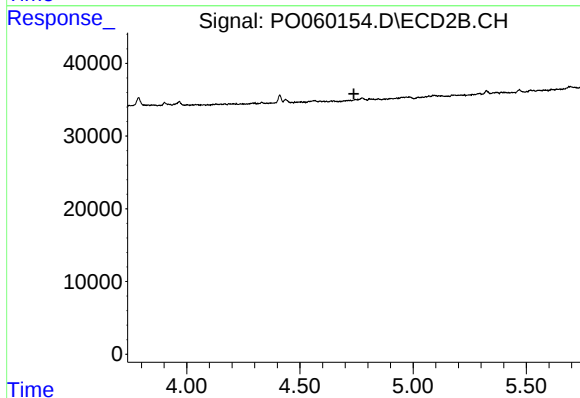
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

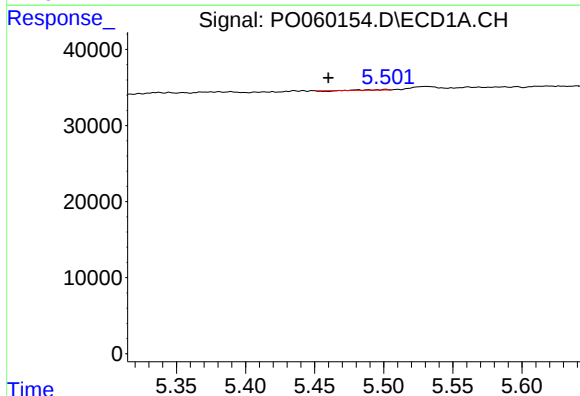
R.T.: 5.355 min
Delta R.T.: -0.001 min
Response: 721
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



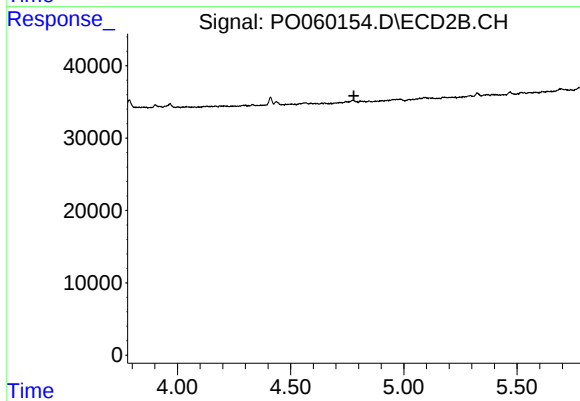
#5 AR-1016-3

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



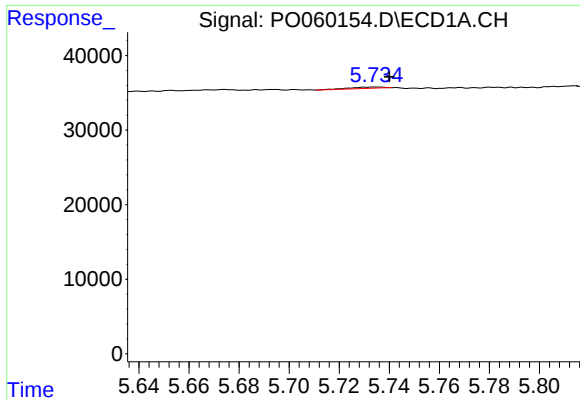
#6 AR-1016-4

R.T.: 5.502 min
Delta R.T.: 0.042 min
Response: 72
Conc: 0.06 ng/ml



#6 AR-1016-4

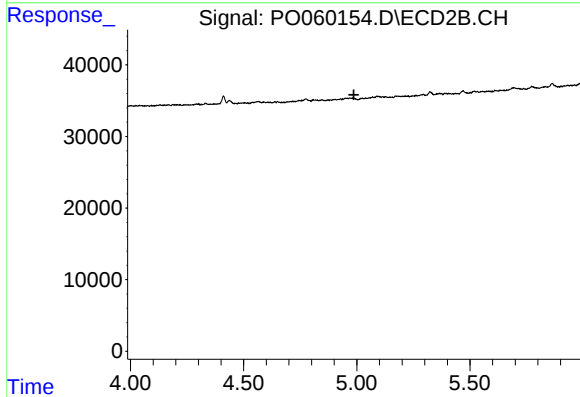
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

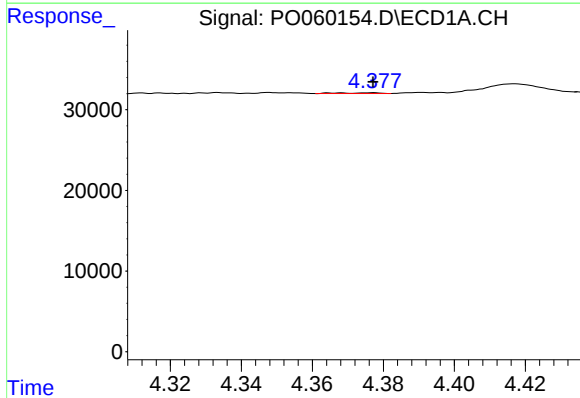
R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 2224
Conc: 1.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



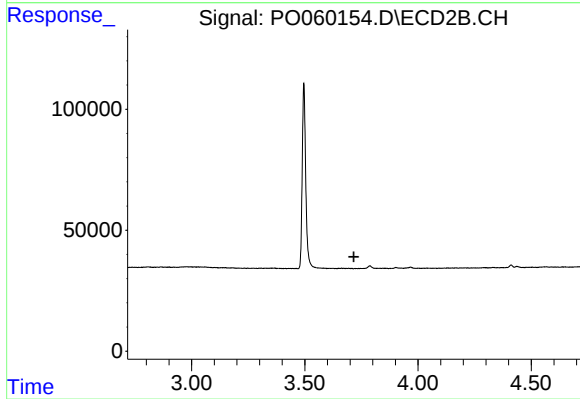
#7 AR-1016-5

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



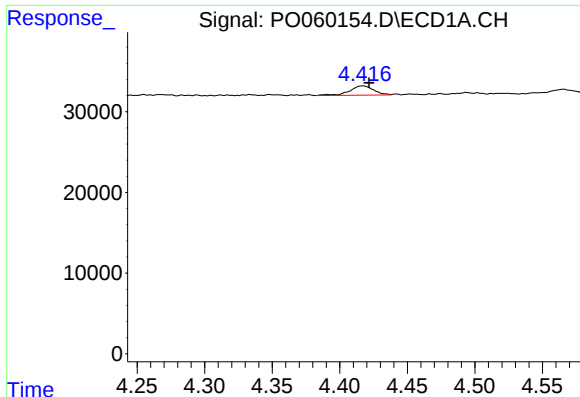
#8 AR-1221-1

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 733
Conc: 1.73 ng/ml



#8 AR-1221-1

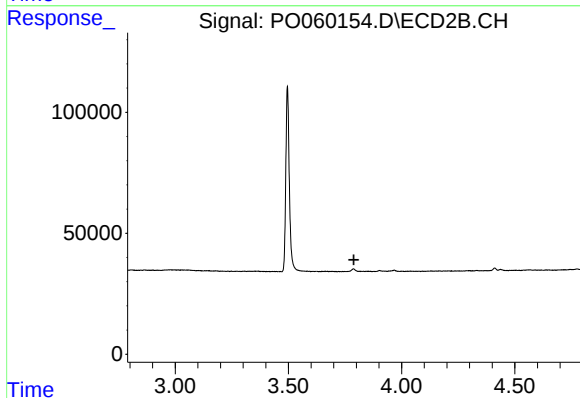
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

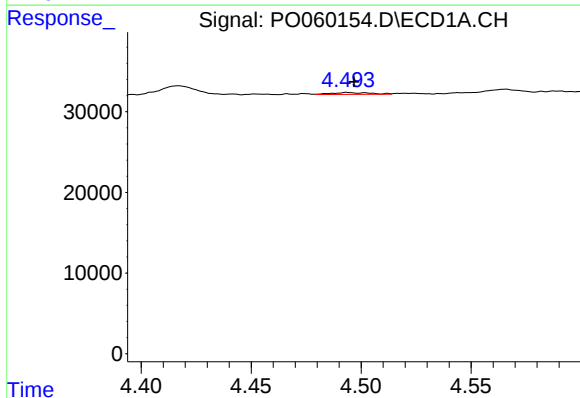
R.T.: 4.417 min
Delta R.T.: -0.005 min
Response: 14459
Conc: 44.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



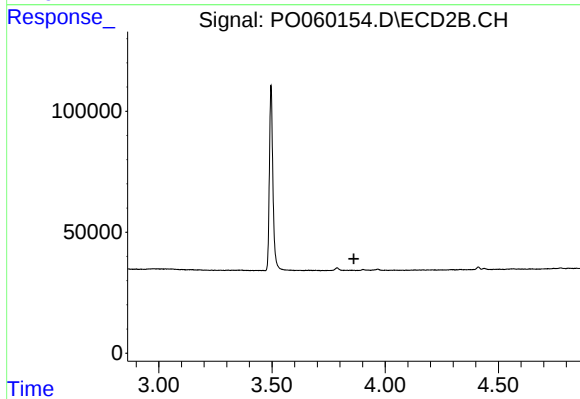
#9 AR-1221-2

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



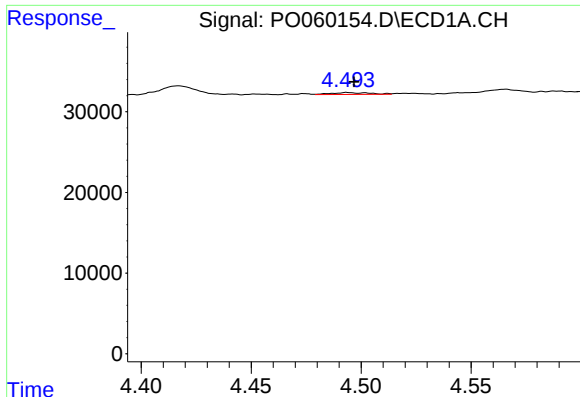
#10 AR-1221-3

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 2745
Conc: 2.61 ng/ml



#10 AR-1221-3

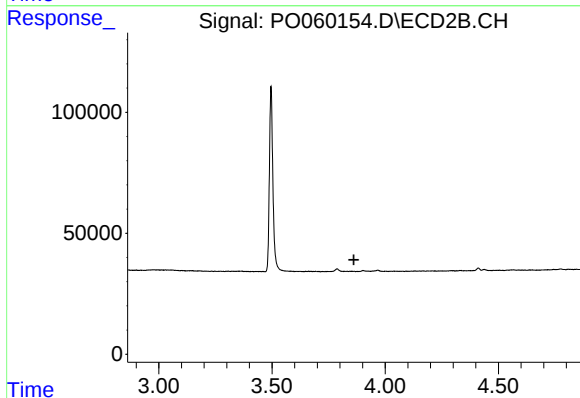
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

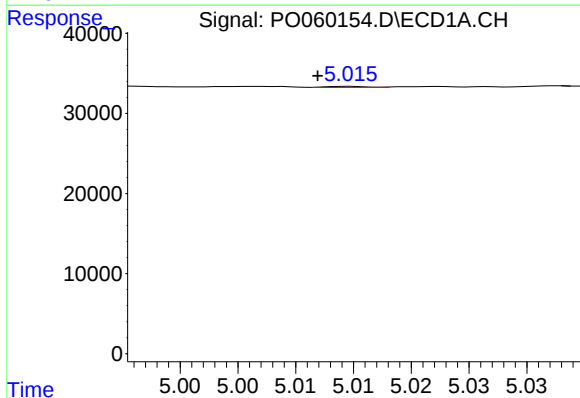
R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 2745
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



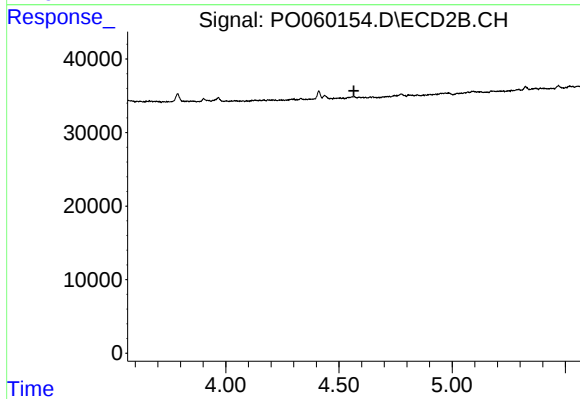
#11 AR-1232-1

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



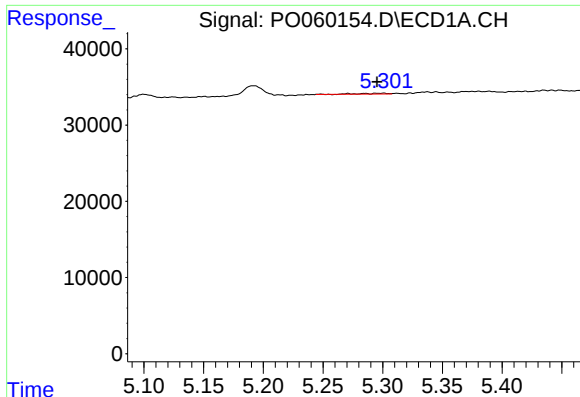
#12 AR-1232-2

R.T.: 5.015 min
Delta R.T.: 0.003 min
Response: 311
Conc: 0.44 ng/ml



#12 AR-1232-2

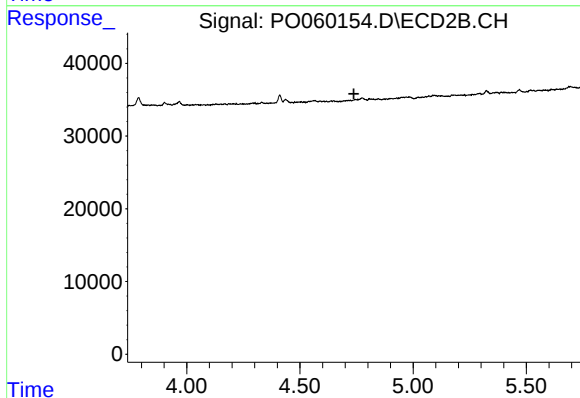
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

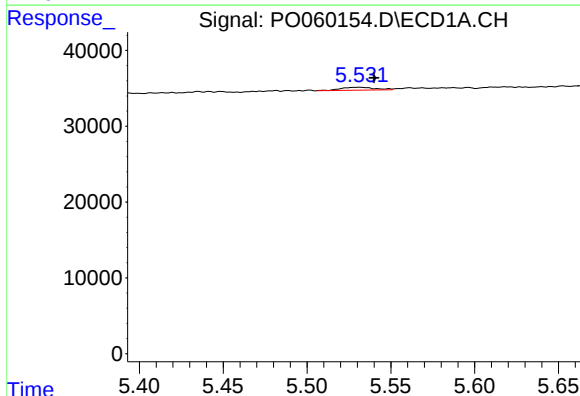
R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 1632
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



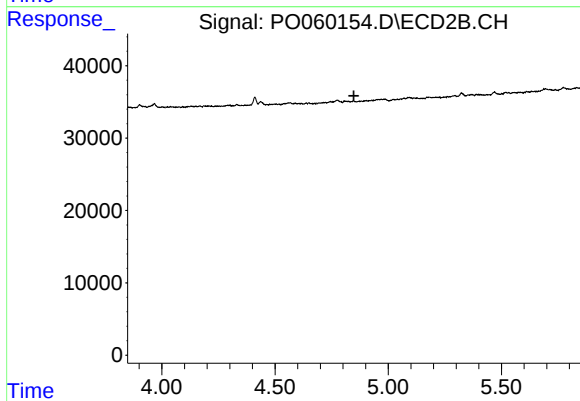
#13 AR-1232-3

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



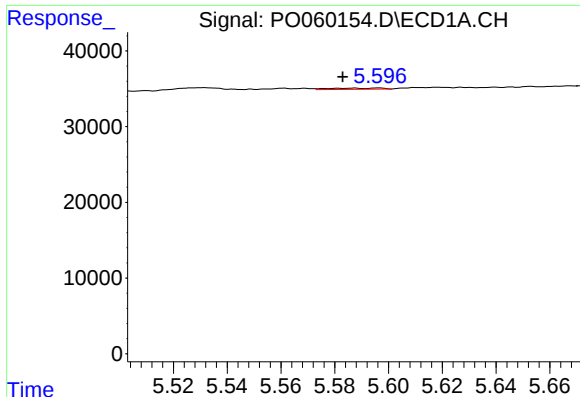
#14 AR-1232-4

R.T.: 5.531 min
Delta R.T.: -0.009 min
Response: 5317
Conc: 6.80 ng/ml



#14 AR-1232-4

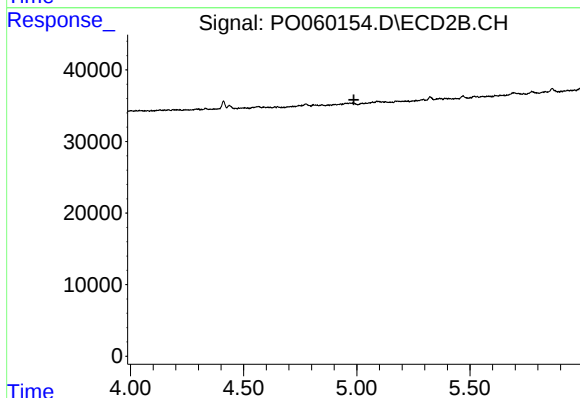
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

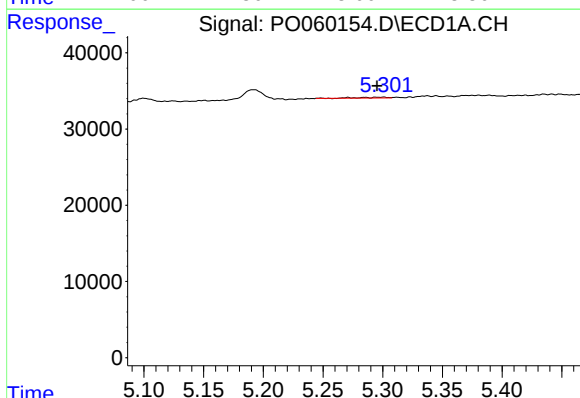
R.T.: 5.596 min
Delta R.T.: 0.013 min
Response: 2101
Conc: 3.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



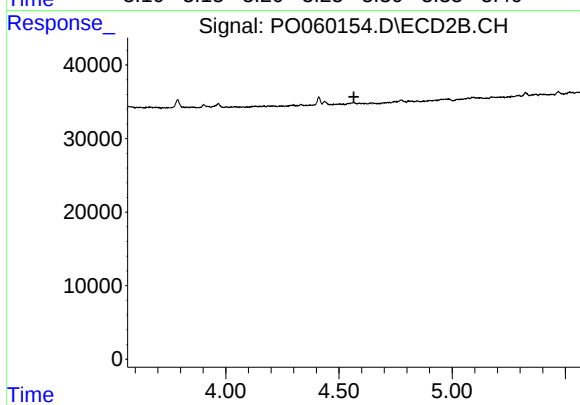
#15 AR-1232-5

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



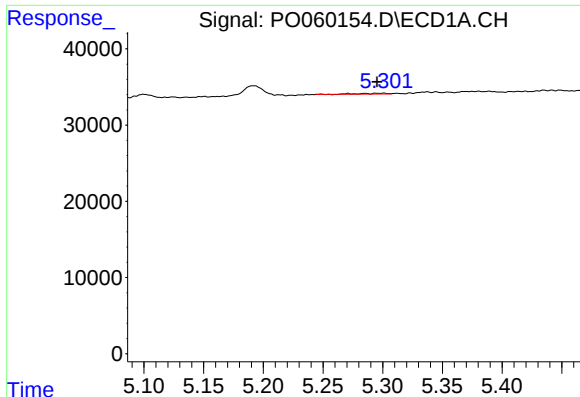
#16 AR-1242-1

R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 1632
Conc: 1.29 ng/ml



#16 AR-1242-1

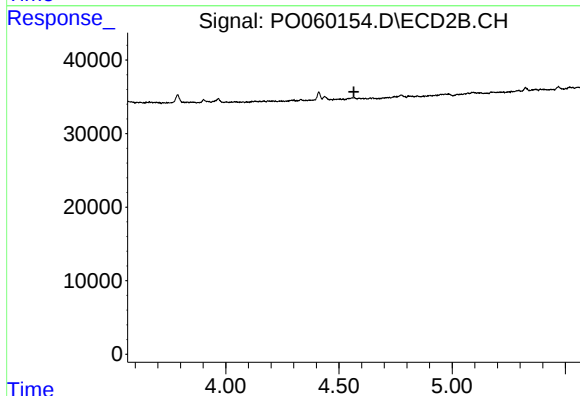
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

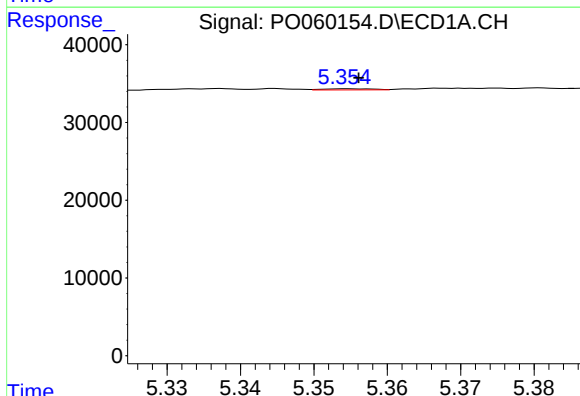
R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 1632
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



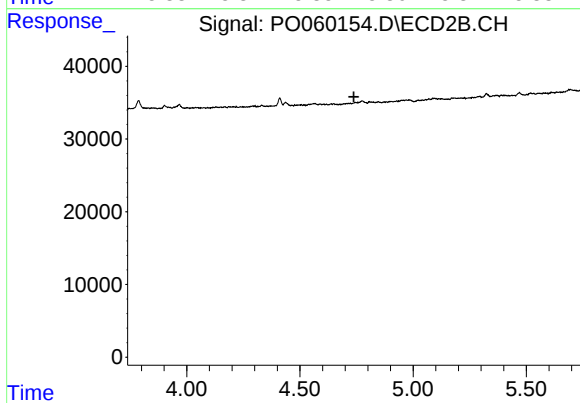
#17 AR-1242-2

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



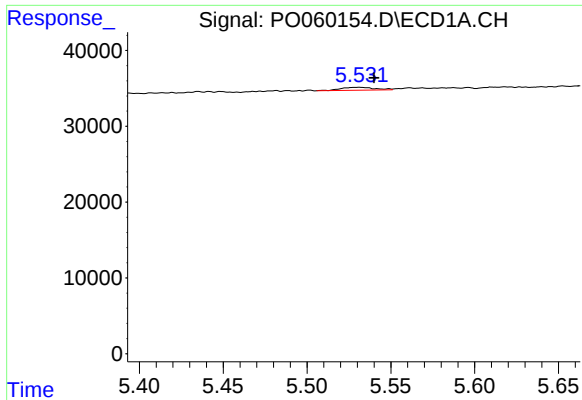
#18 AR-1242-3

R.T.: 5.355 min
Delta R.T.: -0.001 min
Response: 721
Conc: 0.62 ng/ml



#18 AR-1242-3

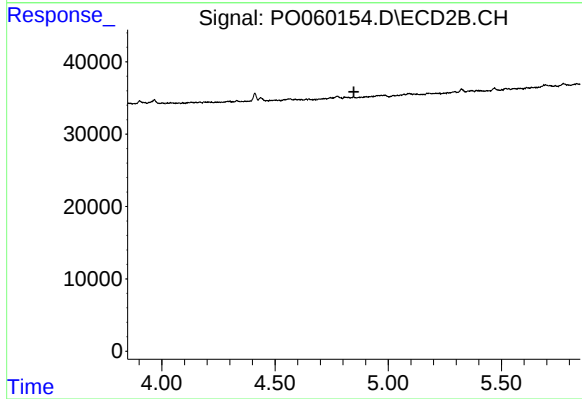
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

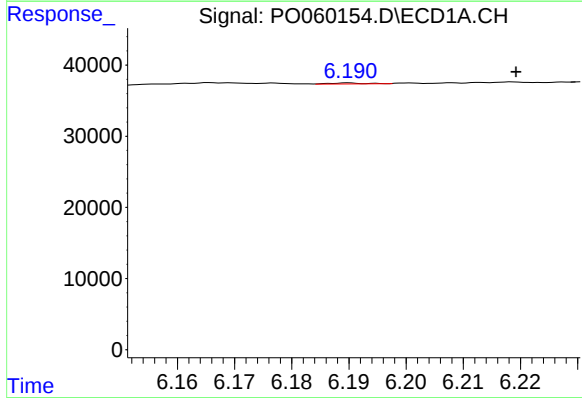
R.T.: 5.531 min
Delta R.T.: -0.009 min
Response: 5317
Conc: 5.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



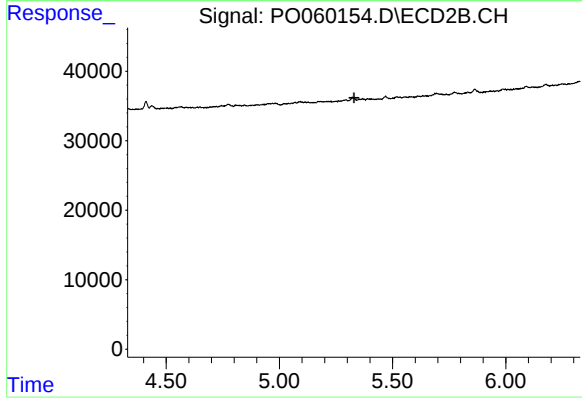
#19 AR-1242-4

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



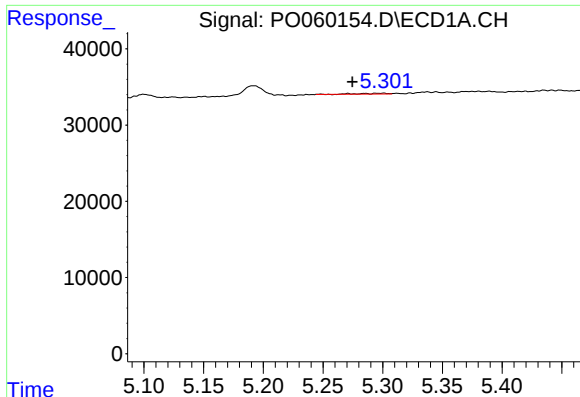
#20 AR-1242-5

R.T.: 6.190 min
Delta R.T.: -0.029 min
Response: 577
Conc: 0.46 ng/ml



#20 AR-1242-5

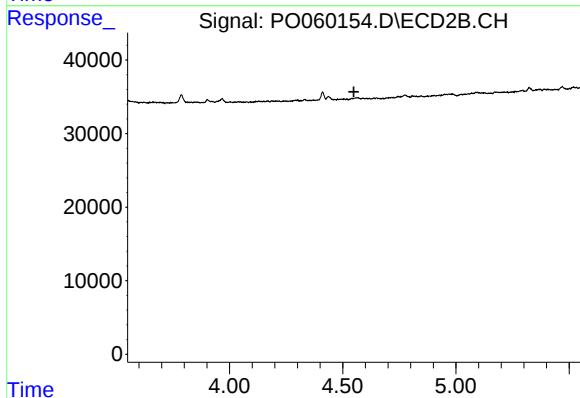
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

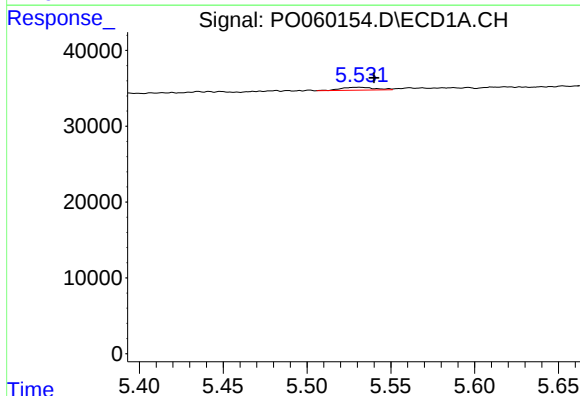
R.T.: 5.301 min
Delta R.T.: 0.026 min
Response: 1632
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



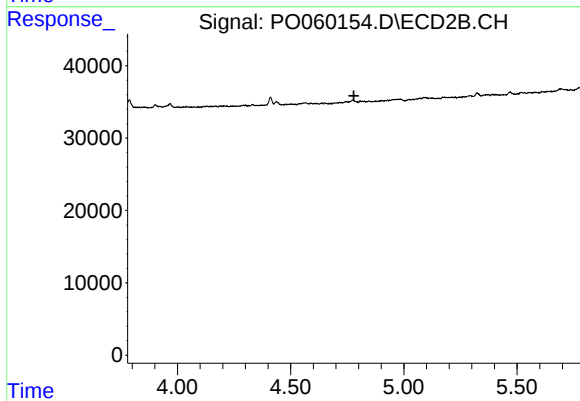
#21 AR-1248-1

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



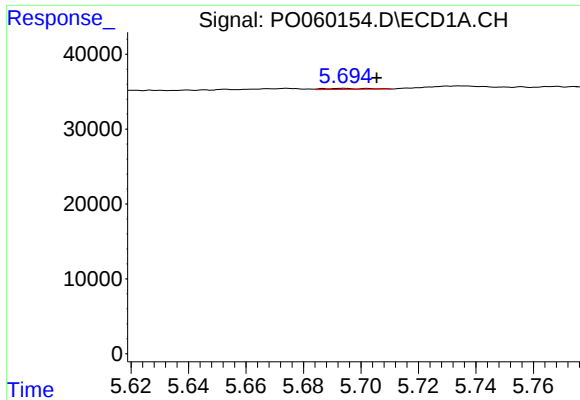
#22 AR-1248-2

R.T.: 5.531 min
Delta R.T.: -0.009 min
Response: 5317
Conc: 3.66 ng/ml



#22 AR-1248-2

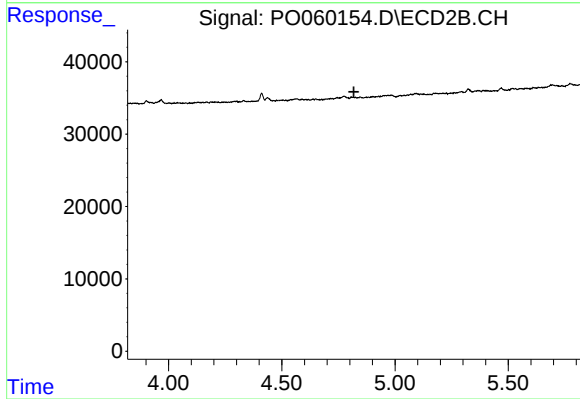
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

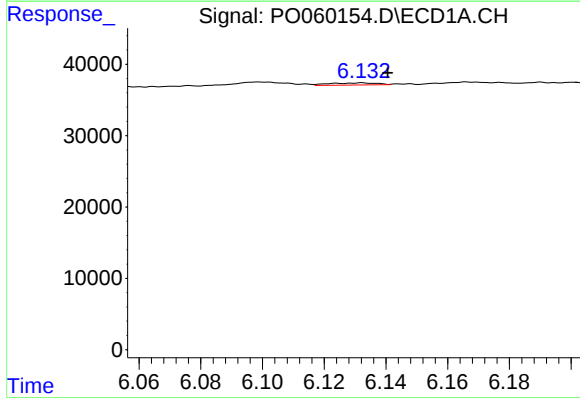
R.T.: 5.694 min
Delta R.T.: -0.012 min
Response: 1418
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



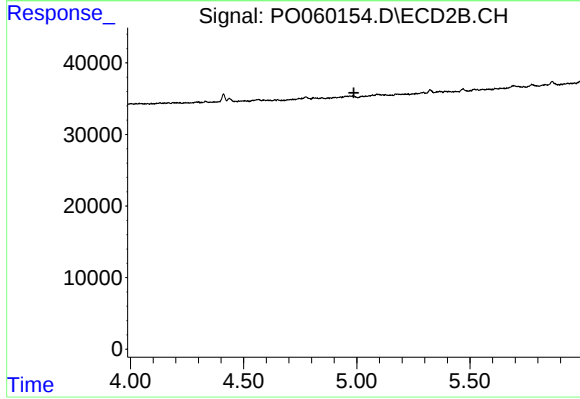
#23 AR-1248-3

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



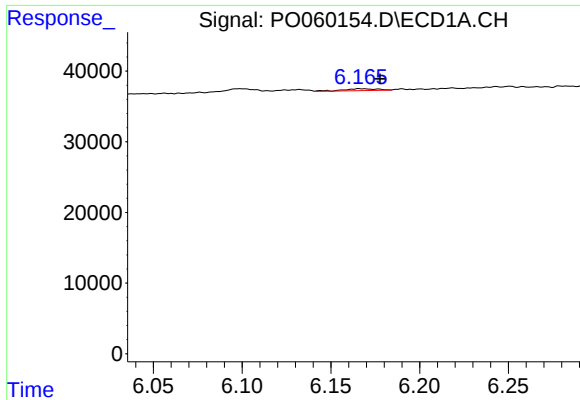
#24 AR-1248-4

R.T.: 6.132 min
Delta R.T.: -0.008 min
Response: 3265
Conc: 1.60 ng/ml



#24 AR-1248-4

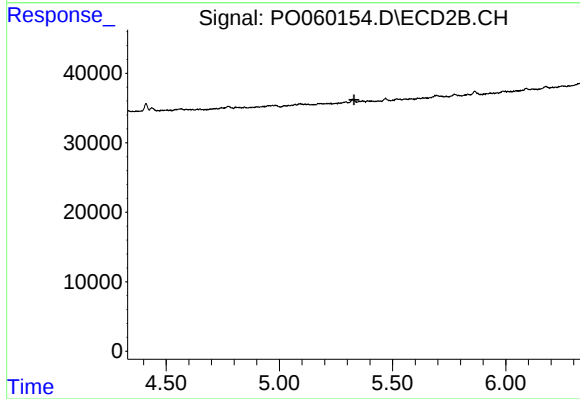
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

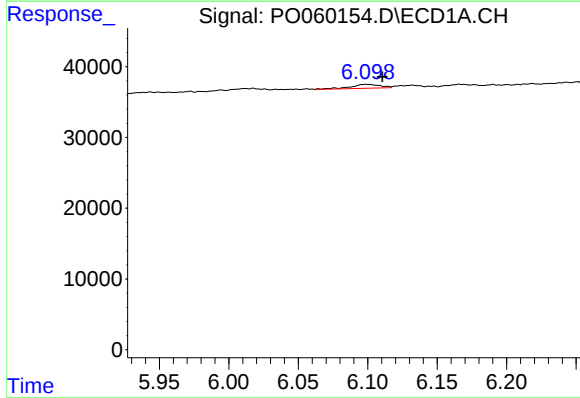
R.T.: 6.166 min
Delta R.T.: -0.011 min
Response: 3422
Conc: 1.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



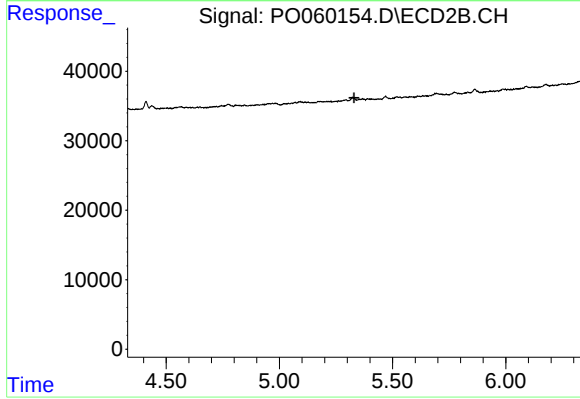
#25 AR-1248-5

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



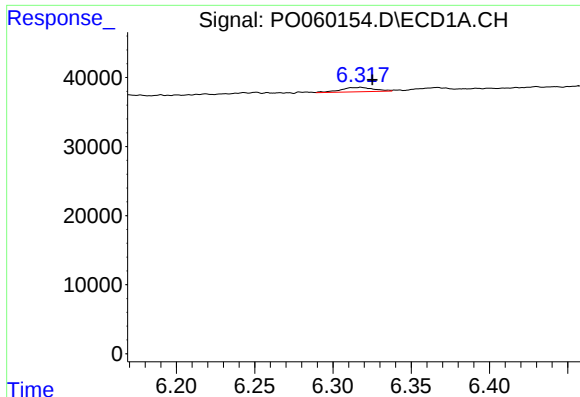
#26 AR-1254-1

R.T.: 6.099 min
Delta R.T.: -0.011 min
Response: 8415
Conc: 4.03 ng/ml



#26 AR-1254-1

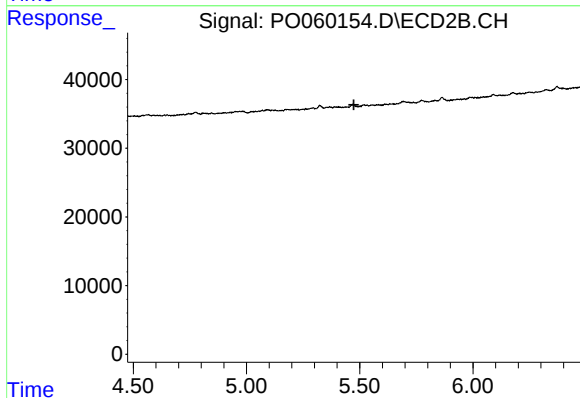
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

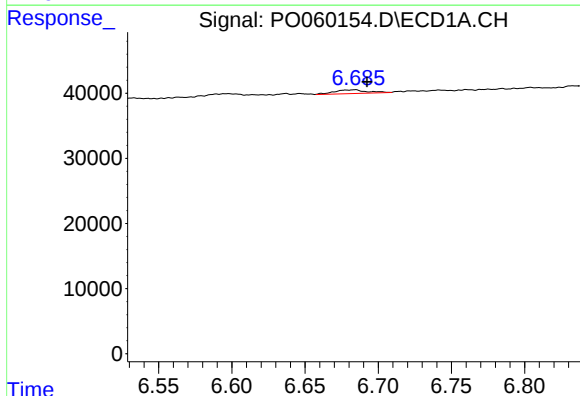
R.T.: 6.318 min
Delta R.T.: -0.007 min
Response: 9534
Conc: 2.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



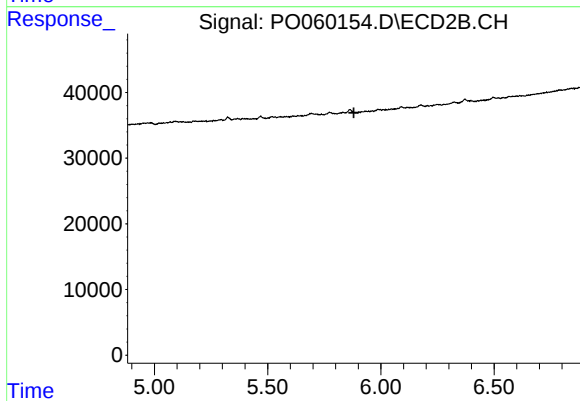
#27 AR-1254-2

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



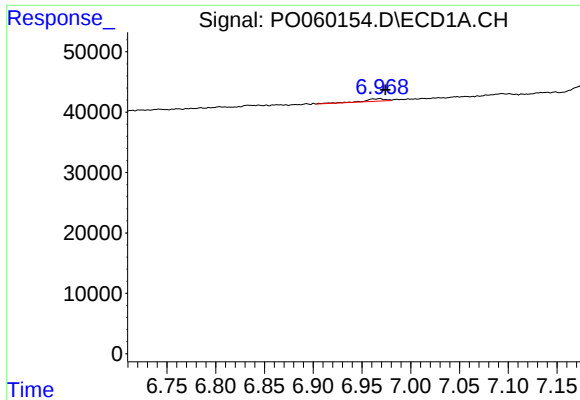
#28 AR-1254-3

R.T.: 6.684 min
Delta R.T.: -0.008 min
Response: 9107
Conc: 2.57 ng/ml



#28 AR-1254-3

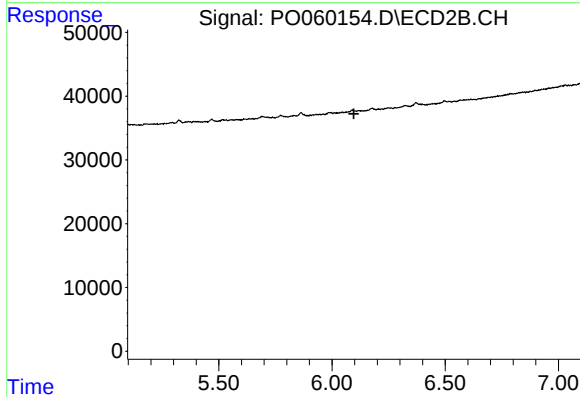
R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

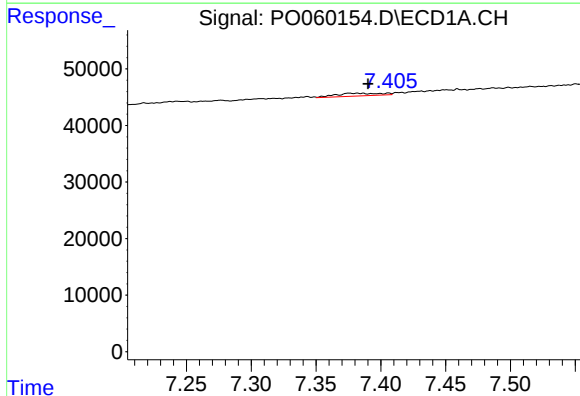
R.T.: 6.968 min
Delta R.T.: -0.006 min
Response: 6402
Conc: 2.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



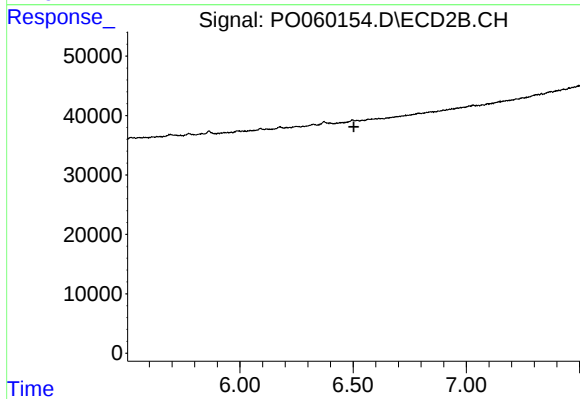
#29 AR-1254-4

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



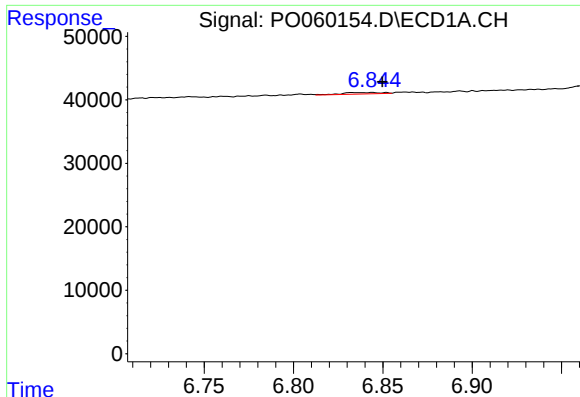
#30 AR-1254-5

R.T.: 7.382 min
Delta R.T.: -0.008 min
Response: 11181
Conc: 3.62 ng/ml



#30 AR-1254-5

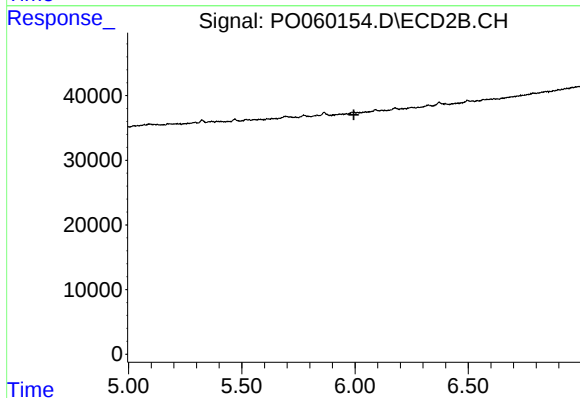
R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

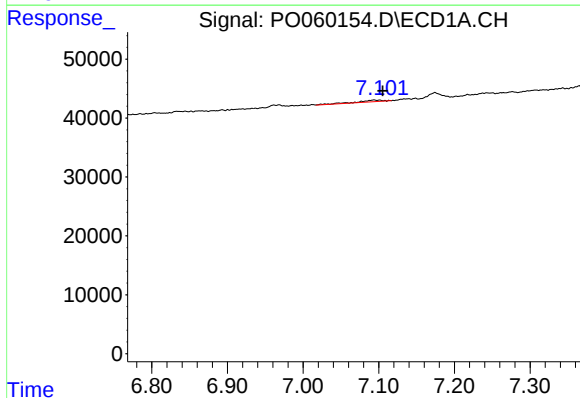
R.T.: 6.833 min
Delta R.T.: -0.017 min
Response: 3290
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



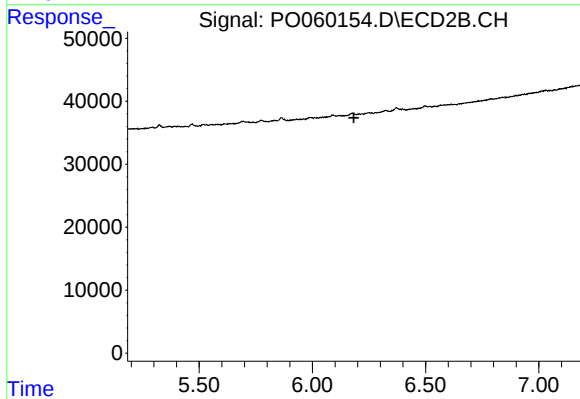
#31 AR-1260-1

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



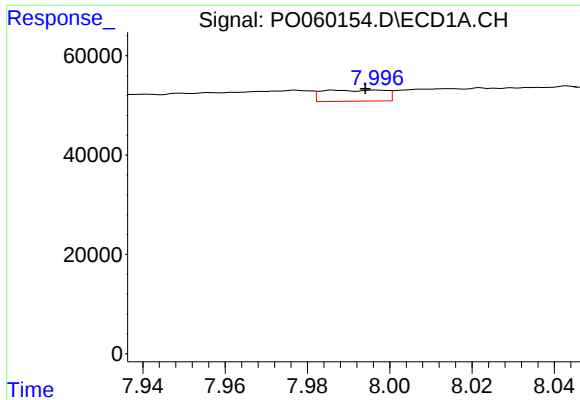
#32 AR-1260-2

R.T.: 7.094 min
Delta R.T.: -0.011 min
Response: 6554
Conc: 1.77 ng/ml



#32 AR-1260-2

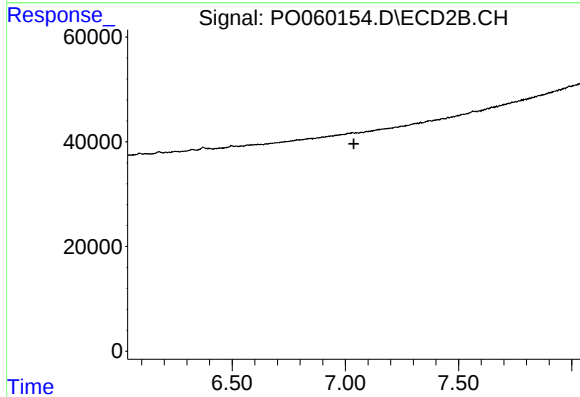
R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



#35 AR-1260-5

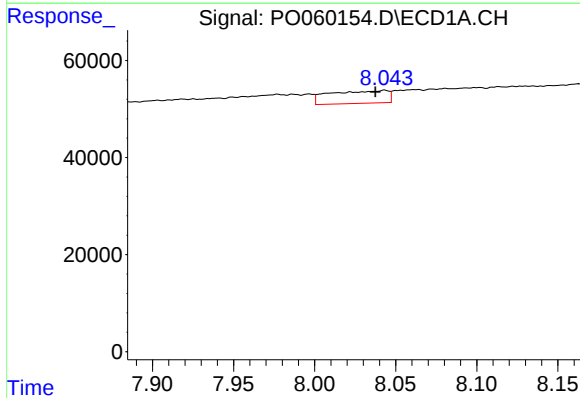
R.T.: 7.987 min
Delta R.T.: -0.007 min
Response: 23659
Conc: 3.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



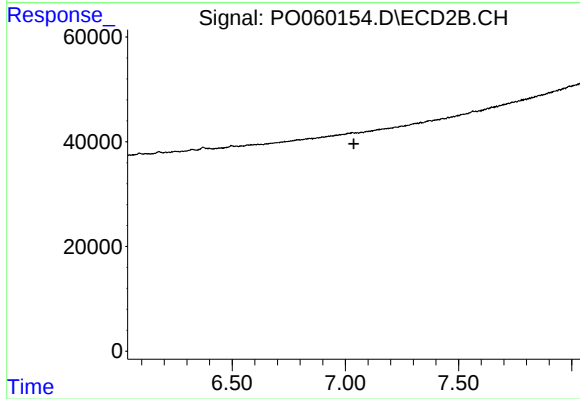
#35 AR-1260-5

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



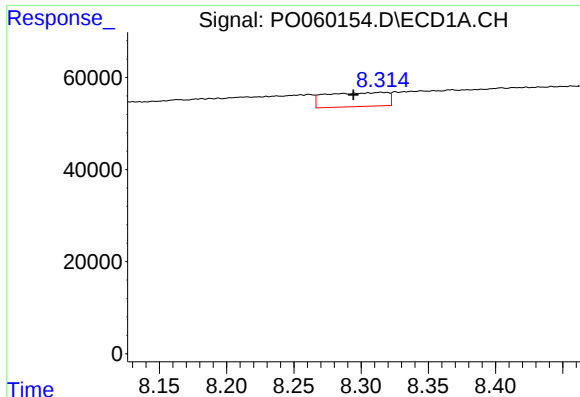
#37 AR-1262-2

R.T.: 8.043 min
Delta R.T.: 0.006 min
Response: 64501
Conc: 8.36 ng/ml



#37 AR-1262-2

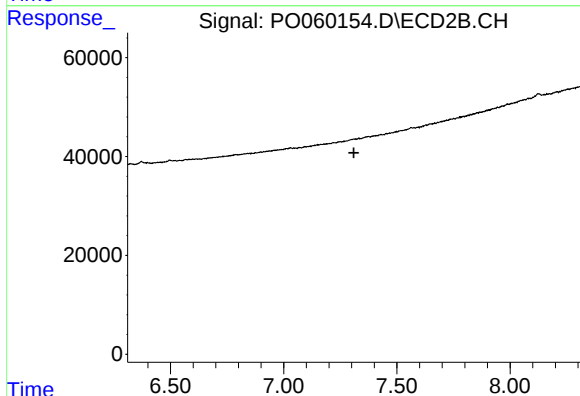
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#38 AR-1262-3

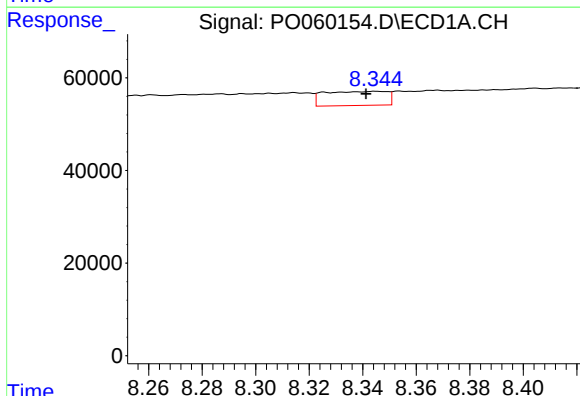
R.T.: 8.314 min
Delta R.T.: 0.020 min
Response: 97209
Conc: 19.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



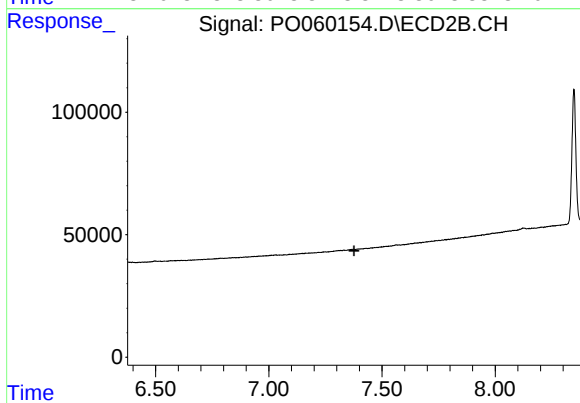
#38 AR-1262-3

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



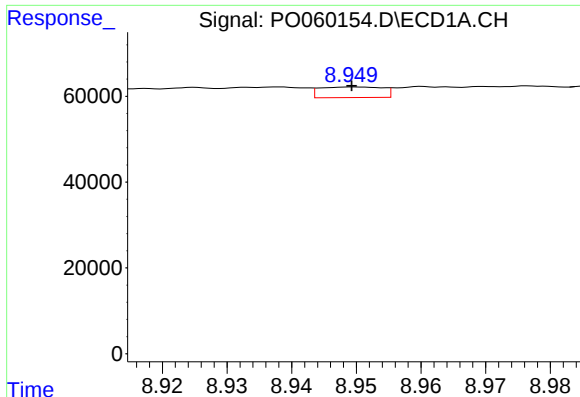
#39 AR-1262-4

R.T.: 8.345 min
Delta R.T.: 0.004 min
Response: 49418
Conc: 12.82 ng/ml



#39 AR-1262-4

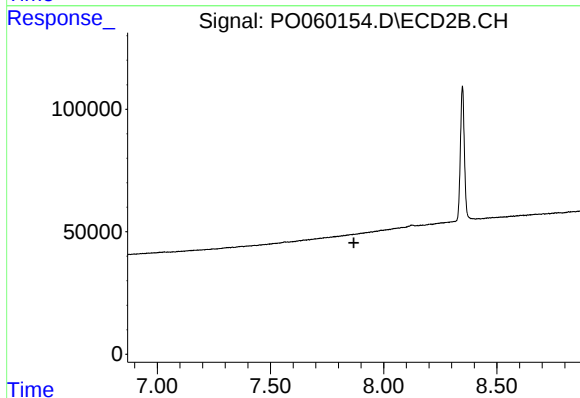
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#40 AR-1262-5

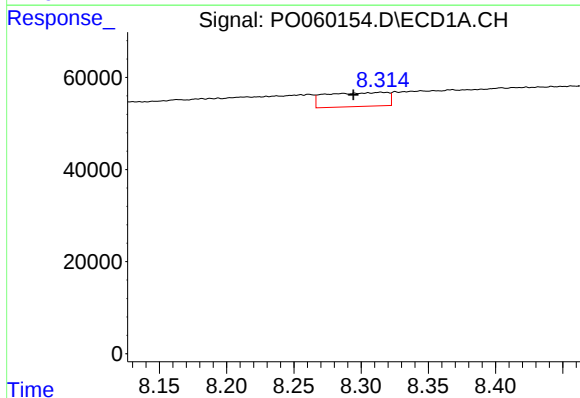
R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 16641
Conc: 6.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



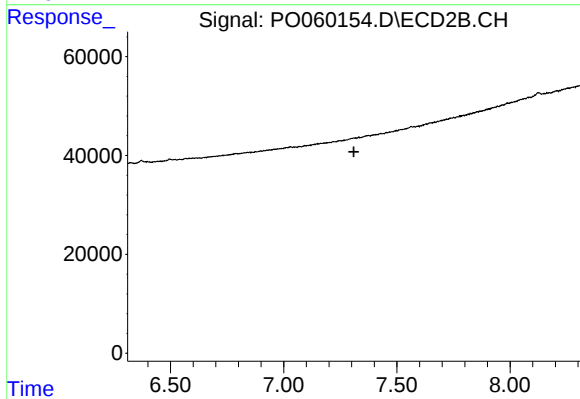
#40 AR-1262-5

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



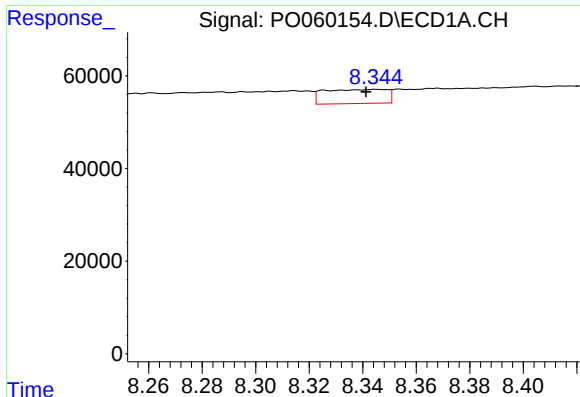
#41 AR-1268-1

R.T.: 8.314 min
Delta R.T.: 0.020 min
Response: 97209
Conc: 10.33 ng/ml



#41 AR-1268-1

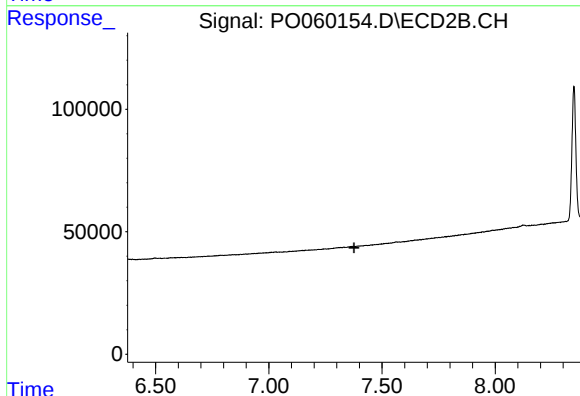
R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#42 AR-1268-2

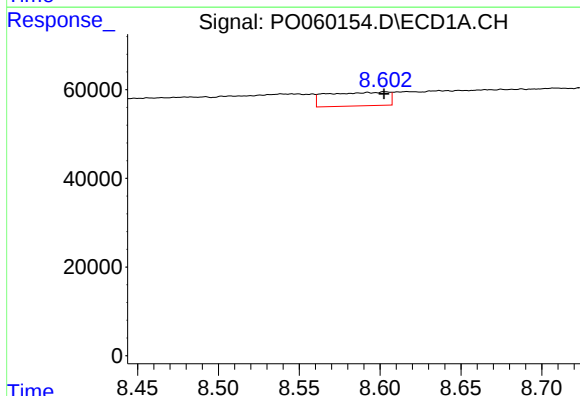
R.T.: 8.345 min
Delta R.T.: 0.004 min
Response: 49418
Conc: 6.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



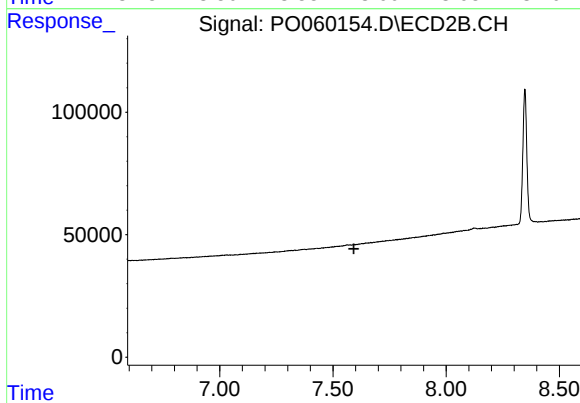
#42 AR-1268-2

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



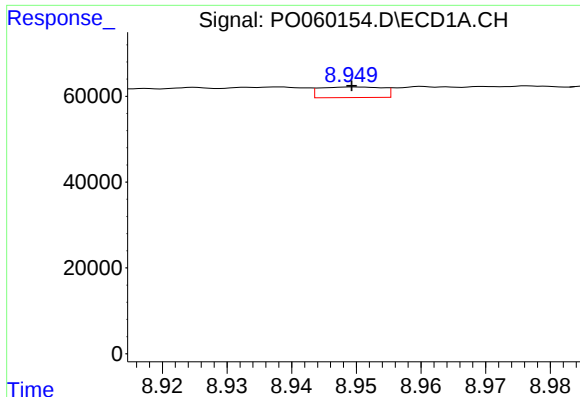
#43 AR-1268-3

R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 81177
Conc: 11.52 ng/ml



#43 AR-1268-3

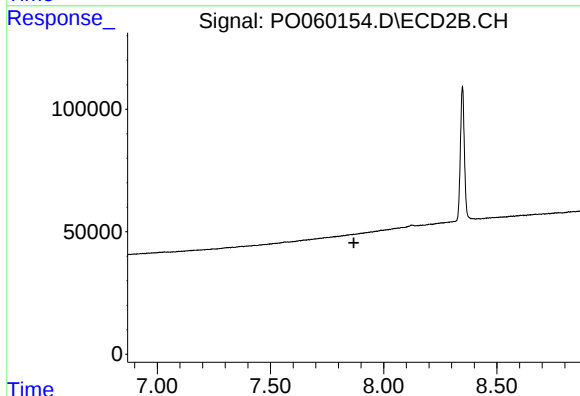
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

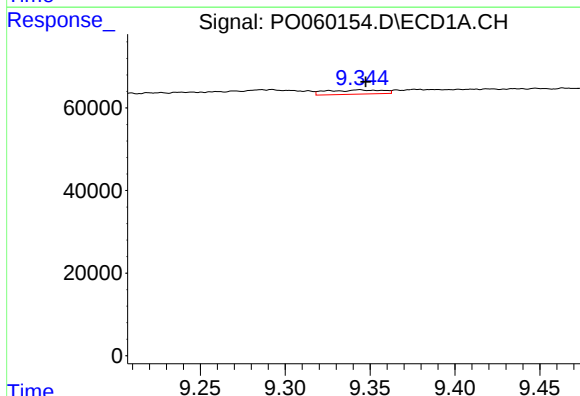
R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 16641
Conc: 5.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-3-30-32



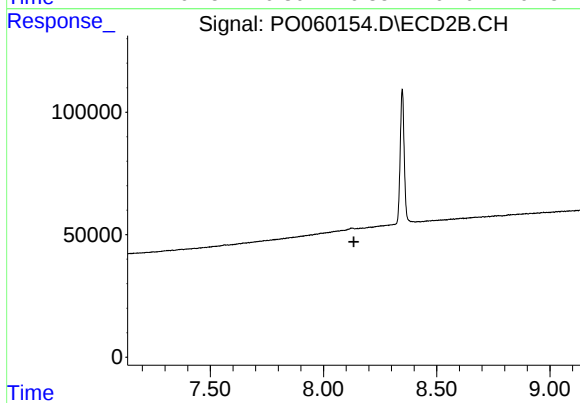
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: -0.004 min
Response: 23562
Conc: 1.28 ng/ml



#45 AR-1268-5

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