

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082819\
 Data File : P0059985.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Aug 2019 21:02
 Operator : SM/AJ
 Sample : K4567-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-8-D

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 04:10:12 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...	4.124	3.500	846194	721813	24.168	20.053
2)	SA Decachlor...	9.594	8.358	842501	639041	15.836	15.849
Target Compounds							
3)	L1 AR-1016-1	5.298	0.000	13632	0	8.499	N.D. #
4)	L1 AR-1016-2	5.298	0.000	13632	0	5.698	N.D. #
5)	L1 AR-1016-3	5.353	0.000	3099	0	2.080	N.D. #
6)	L1 AR-1016-4	5.442	0.000	2516	0	2.080	N.D. #
7)	L1 AR-1016-5	5.716	0.000	5728	0	4.461	N.D. #
8)	L2 AR-1221-1	4.352	0.000	2098	0	4.954	N.D. #
9)	L2 AR-1221-2	4.424	0.000	13557	0	41.740	N.D. #
10)	L2 AR-1221-3	4.521	0.000	2017	0	1.917	N.D. #
11)	L3 AR-1232-1	4.521	0.000	2017	0	1.618	N.D. #
12)	L3 AR-1232-2	5.007	0.000	36975	0	52.343	N.D. #
13)	L3 AR-1232-3	5.318	0.000	5415	0	3.536	N.D. #
14)	L3 AR-1232-4	5.510	0.000	4502	0	5.758	N.D. #
15)	L3 AR-1232-5	5.543	0.000	6190	0	10.297	N.D. #
16)	L4 AR-1242-1	5.298	0.000	13632	0	10.738	N.D. #
17)	L4 AR-1242-2	5.318	0.000	5415	0	2.918	N.D. #
18)	L4 AR-1242-3	5.353	0.000	3099	0	2.651	N.D. #
19)	L4 AR-1242-4	5.510	0.000	4502	0	4.652	N.D. #
20)	L4 AR-1242-5	6.212	0.000	3391	0	2.698	N.D. #
21)	L5 AR-1248-1	5.298	0.000	13632	0	13.597	N.D. #
22)	L5 AR-1248-2	5.543	0.000	6190	0	4.266	N.D. #
23)	L5 AR-1248-3	5.716	0.000	5728	0	3.446	N.D. #
24)	L5 AR-1248-4	6.141	0.000	18374	0	8.989	N.D. #
25)	L5 AR-1248-5	6.188	0.000	12565	0	6.336	N.D. #
26)	L6 AR-1254-1	6.116	0.000	15391	0	7.377	N.D. #
27)	L6 AR-1254-2	6.333	0.000	41098	0	12.319	N.D. #
28)	L6 AR-1254-3	6.704	0.000	45288	0	12.763	N.D. #
29)	L6 AR-1254-4	6.979	0.000	26170	0	8.885	N.D. #
30)	L6 AR-1254-5	7.389	0.000	16924	0	5.473	N.D. #
31)	L7 AR-1260-1	6.853	0.000	21309	0	7.904	N.D. #
32)	L7 AR-1260-2	7.110	0.000	54301	0	14.635	N.D. #
33)	L7 AR-1260-3	7.460	0.000	14264	0	4.354	N.D. #
34)	L7 AR-1260-4	7.724	0.000	68470	0	22.293	N.D. #
35)	L7 AR-1260-5	8.000	0.000	27885	0	3.938	N.D. #
36)	L8 AR-1262-1	7.491	0.000	8653	0	1.783	N.D. #
37)	L8 AR-1262-2	8.000	0.000	27885	0	3.614	N.D. #
38)	L8 AR-1262-3	8.266	0.000	157860	0	30.939	N.D. #
41)	L9 AR-1268-1	8.266	0.000	157860	0	16.775	N.D. #
43)	L9 AR-1268-3	8.524	0.000	99449	0	14.109	N.D. #
45)	L9 AR-1268-5	9.375	0.000	22730	0	1.232	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082819\
Data File : P0059985.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Aug 2019 21:02
Operator : SM/AJ
Sample : K4567-19
Misc :
ALS Vial : 34 Sample Multiplier: 1

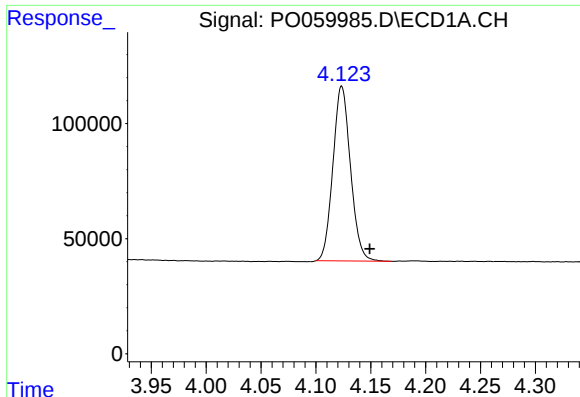
Instrument :
ECD_O
ClientSampleId :
TP-8-D

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 04:10:12 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
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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

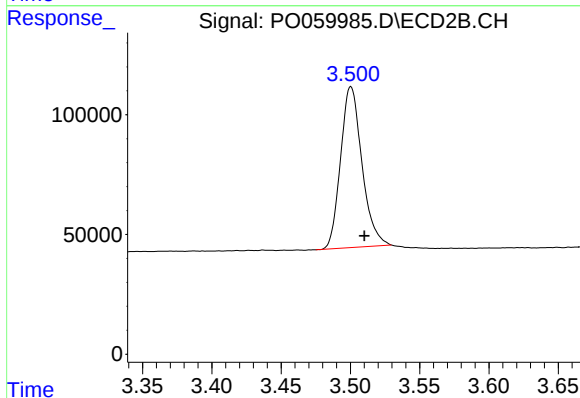
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

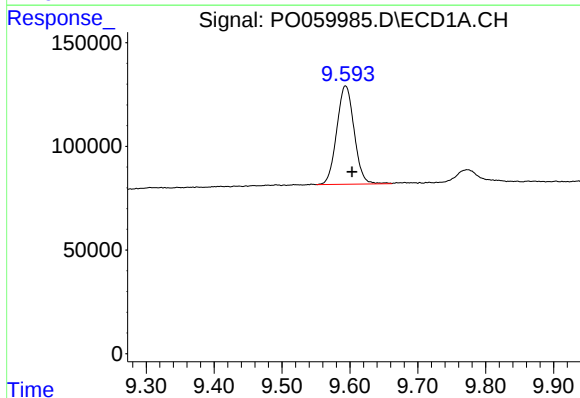
R.T.: 4.124 min
Delta R.T.: -0.025 min
Response: 846194
Conc: 24.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



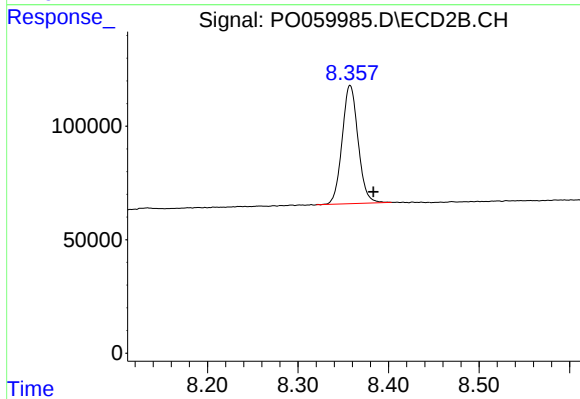
#1 Tetrachloro-m-xylene

R.T.: 3.500 min
Delta R.T.: -0.010 min
Response: 721813
Conc: 20.05 ng/ml



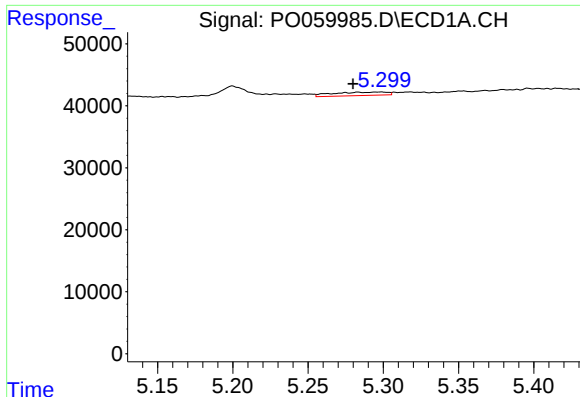
#2 Decachlorobiphenyl

R.T.: 9.594 min
Delta R.T.: -0.009 min
Response: 842501
Conc: 15.84 ng/ml



#2 Decachlorobiphenyl

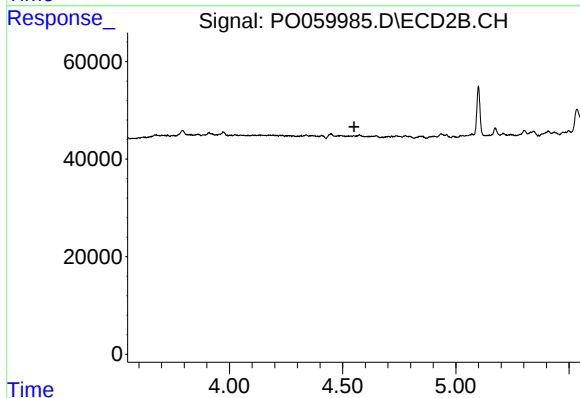
R.T.: 8.358 min
Delta R.T.: -0.026 min
Response: 639041
Conc: 15.85 ng/ml



#3 AR-1016-1

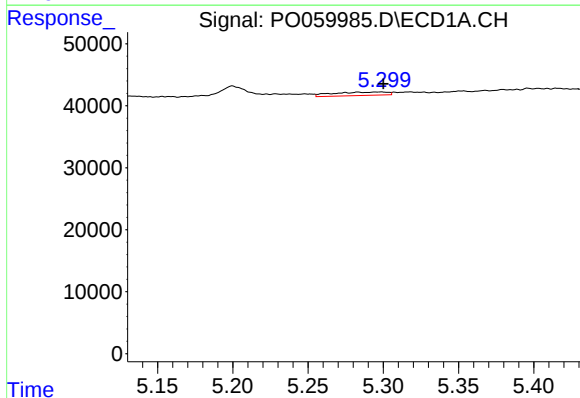
R.T.: 5.298 min
Delta R.T.: 0.018 min
Response: 13632
Conc: 8.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



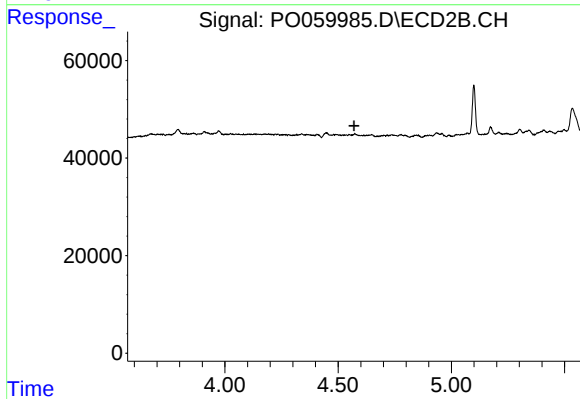
#3 AR-1016-1

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



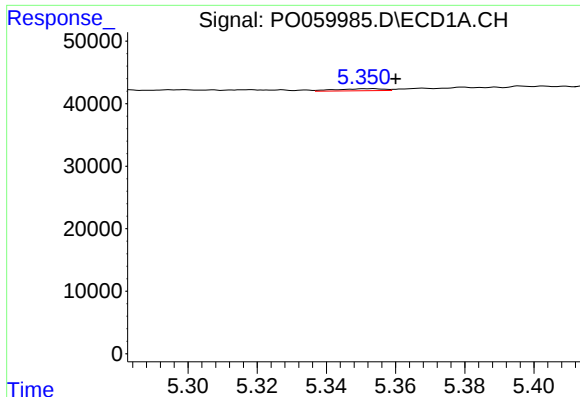
#4 AR-1016-2

R.T.: 5.298 min
Delta R.T.: -0.002 min
Response: 13632
Conc: 5.70 ng/ml



#4 AR-1016-2

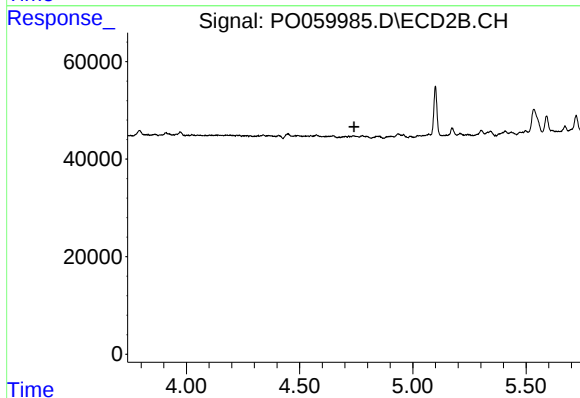
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

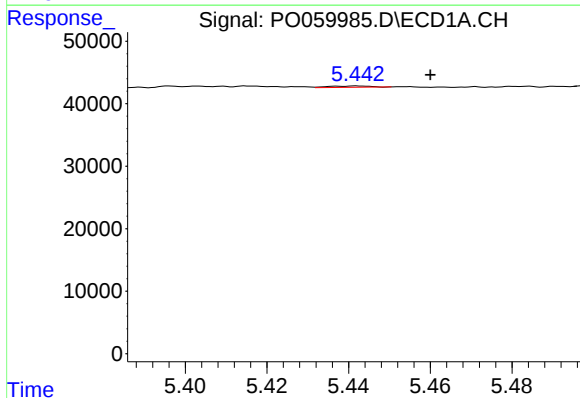
R.T.: 5.353 min
Delta R.T.: -0.007 min
Response: 3099
Conc: 2.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



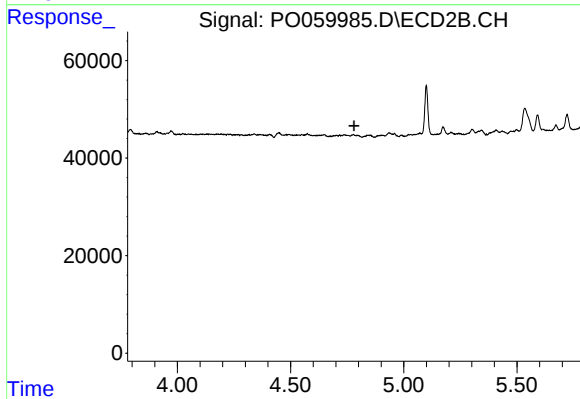
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



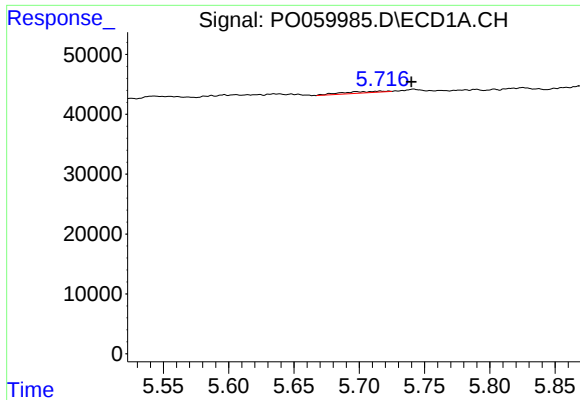
#6 AR-1016-4

R.T.: 5.442 min
Delta R.T.: -0.018 min
Response: 2516
Conc: 2.08 ng/ml



#6 AR-1016-4

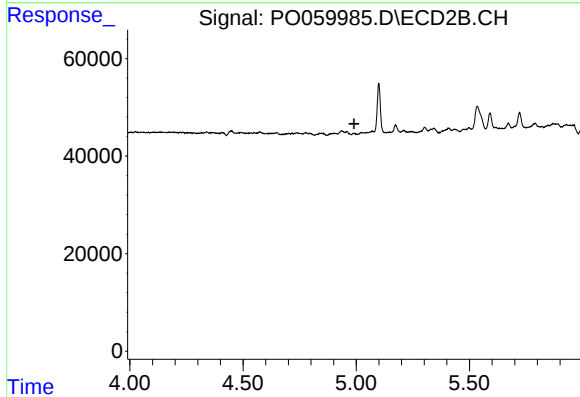
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#7 AR-1016-5

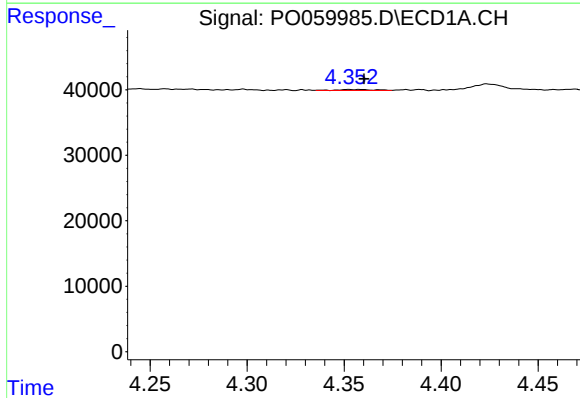
R.T.: 5.716 min
Delta R.T.: -0.024 min
Response: 5728
Conc: 4.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



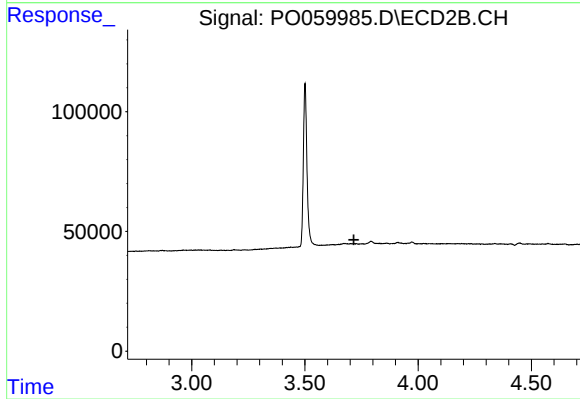
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



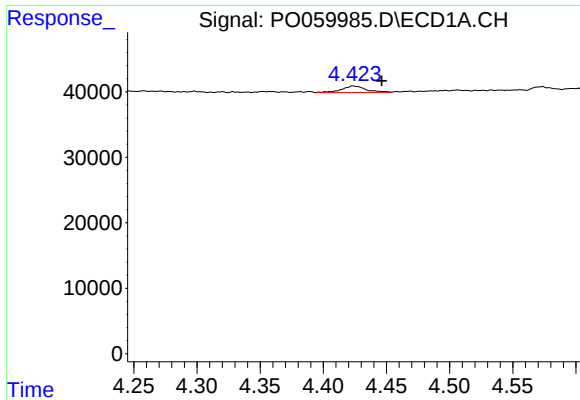
#8 AR-1221-1

R.T.: 4.352 min
Delta R.T.: -0.008 min
Response: 2098
Conc: 4.95 ng/ml



#8 AR-1221-1

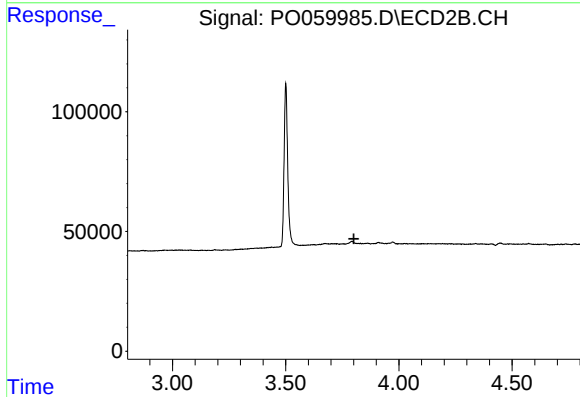
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

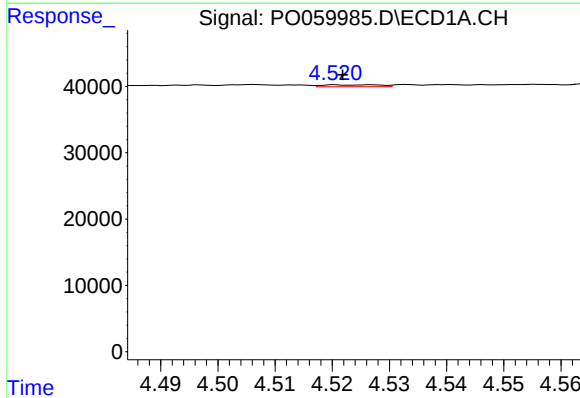
R.T.: 4.424 min
Delta R.T.: -0.022 min
Response: 13557
Conc: 41.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



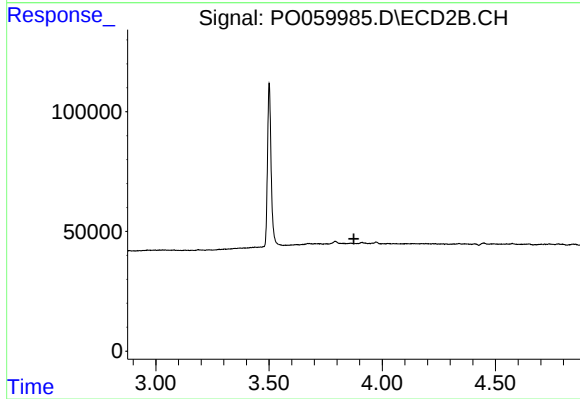
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



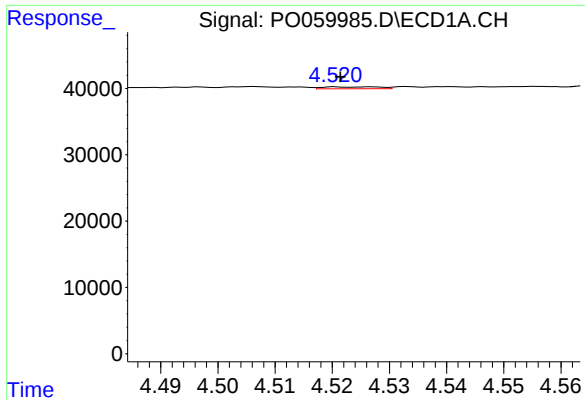
#10 AR-1221-3

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 2017
Conc: 1.92 ng/ml



#10 AR-1221-3

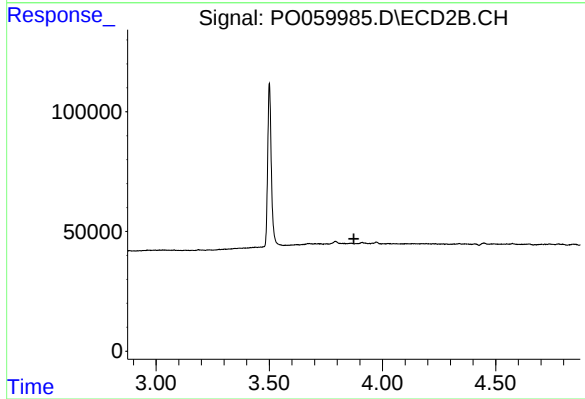
R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



#11 AR-1232-1

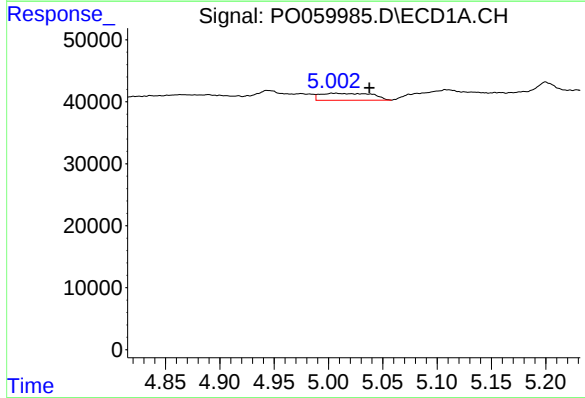
R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 2017
Conc: 1.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



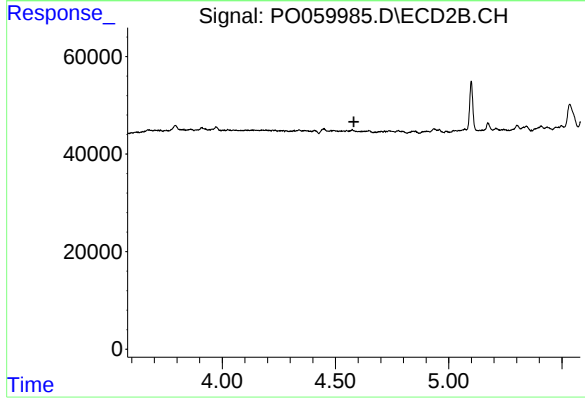
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



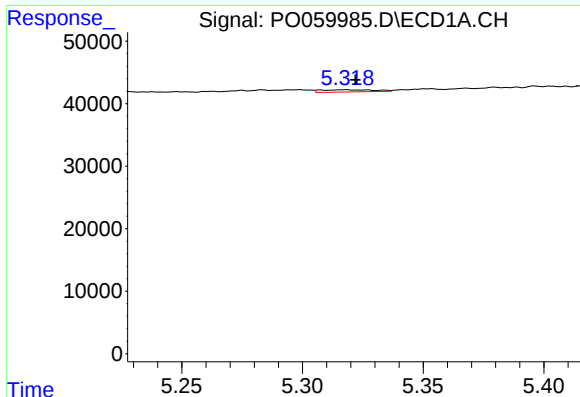
#12 AR-1232-2

R.T.: 5.007 min
Delta R.T.: -0.031 min
Response: 36975
Conc: 52.34 ng/ml



#12 AR-1232-2

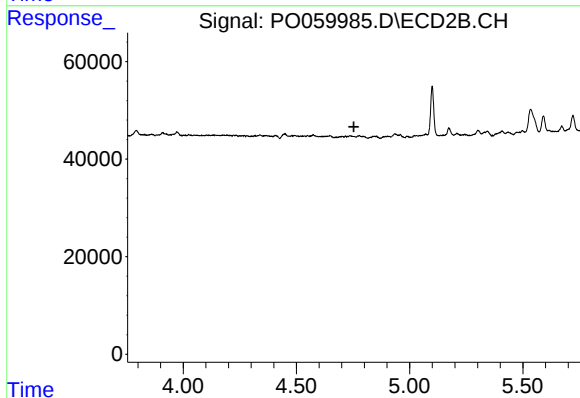
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

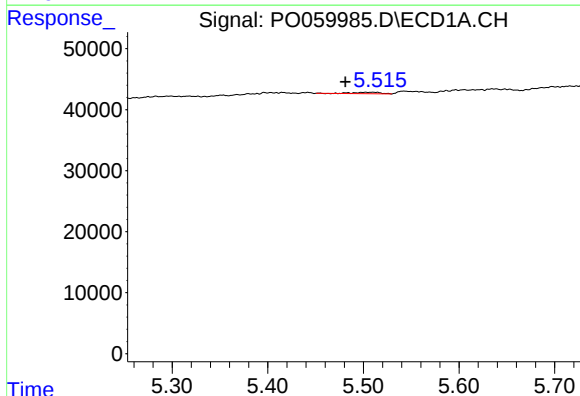
R.T.: 5.318 min
Delta R.T.: -0.004 min
Response: 5415
Conc: 3.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



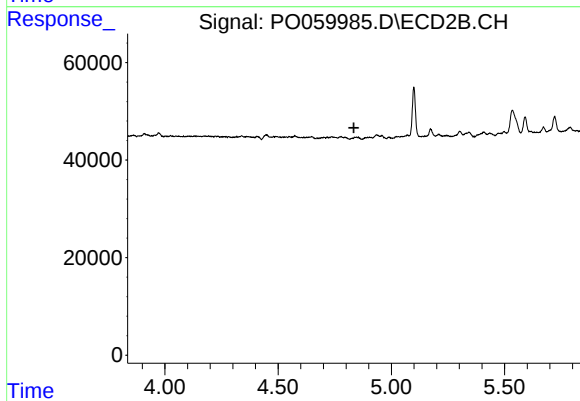
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



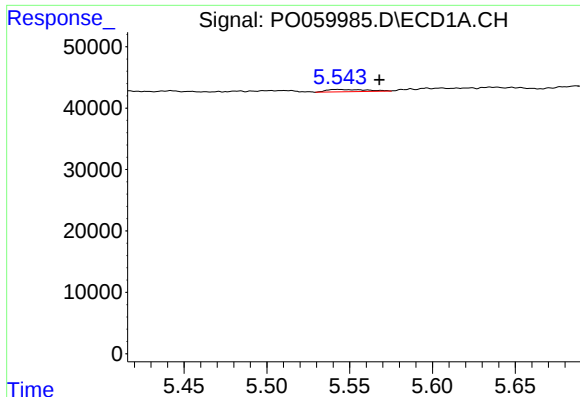
#14 AR-1232-4

R.T.: 5.510 min
Delta R.T.: 0.029 min
Response: 4502
Conc: 5.76 ng/ml



#14 AR-1232-4

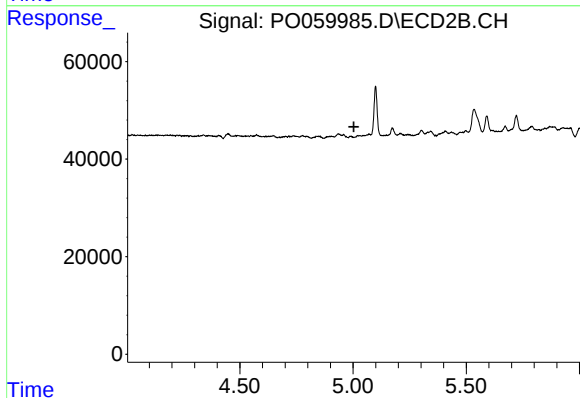
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#15 AR-1232-5

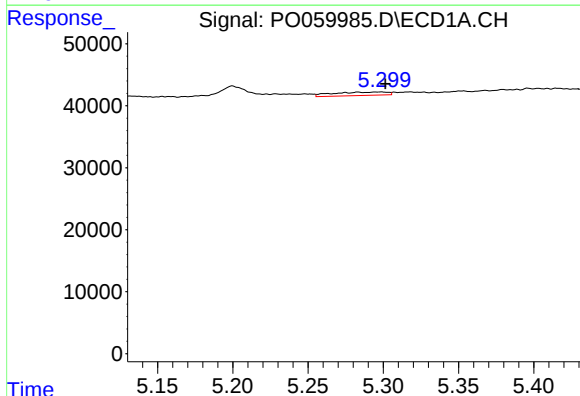
R.T.: 5.543 min
Delta R.T.: -0.025 min
Response: 6190
Conc: 10.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



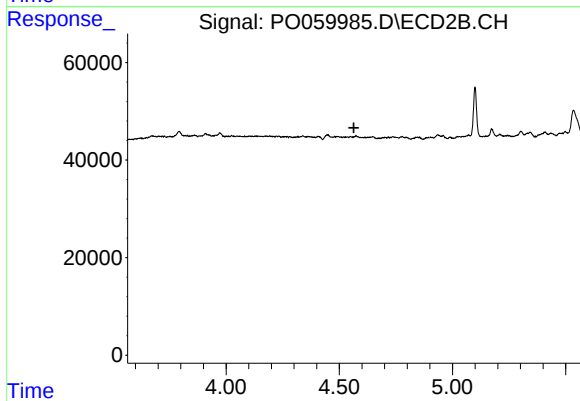
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



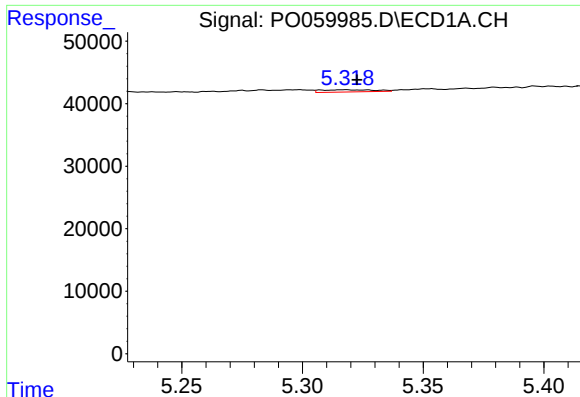
#16 AR-1242-1

R.T.: 5.298 min
Delta R.T.: -0.003 min
Response: 13632
Conc: 10.74 ng/ml



#16 AR-1242-1

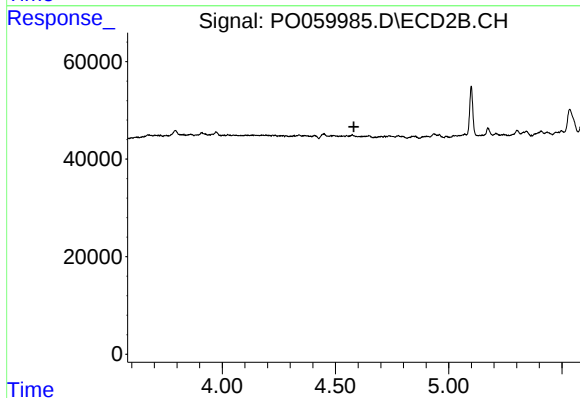
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

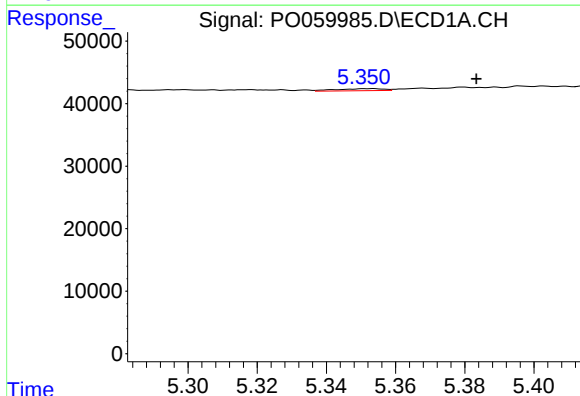
R.T.: 5.318 min
Delta R.T.: -0.005 min
Response: 5415
Conc: 2.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



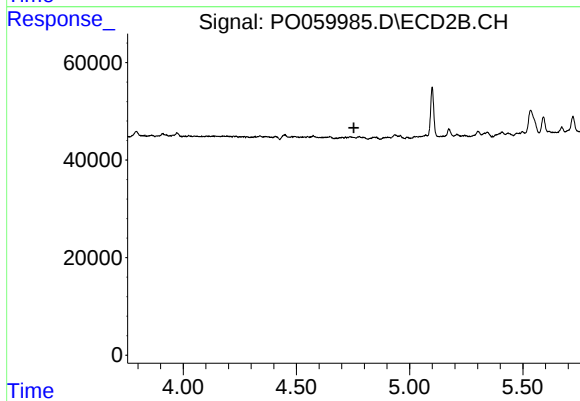
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



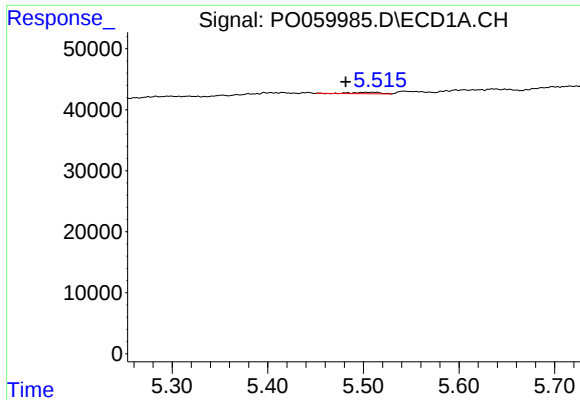
#18 AR-1242-3

R.T.: 5.353 min
Delta R.T.: -0.031 min
Response: 3099
Conc: 2.65 ng/ml



#18 AR-1242-3

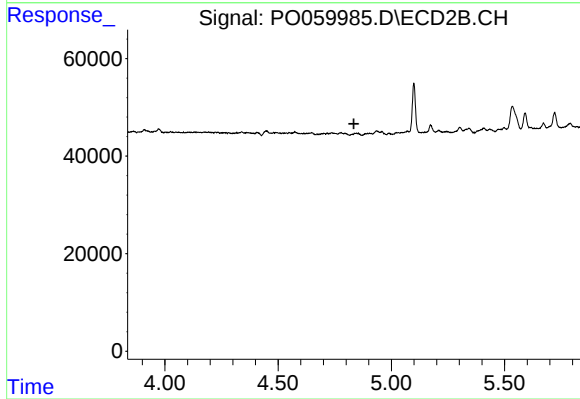
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#19 AR-1242-4

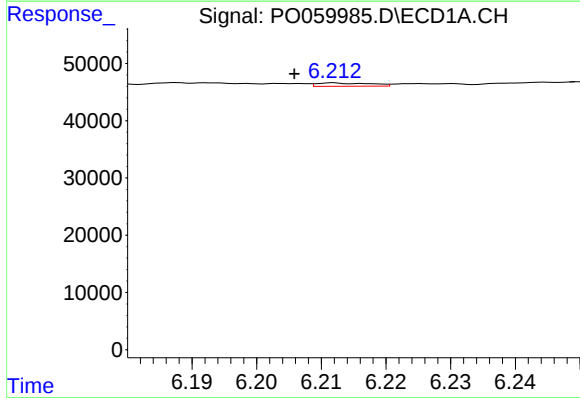
R.T.: 5.510 min
Delta R.T.: 0.028 min
Response: 4502
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



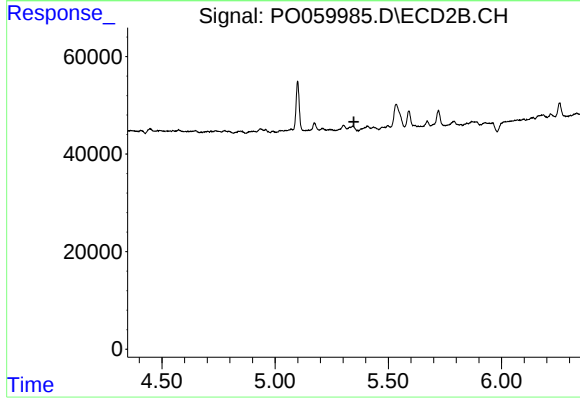
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



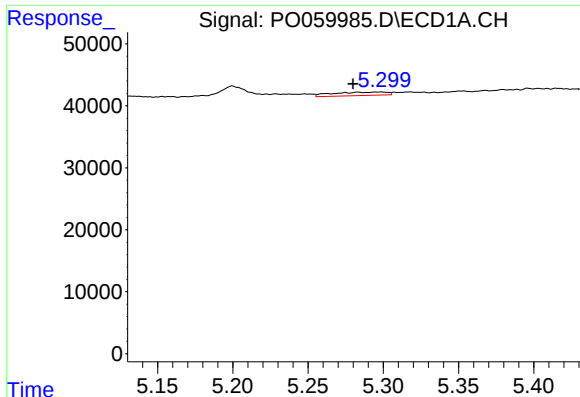
#20 AR-1242-5

R.T.: 6.212 min
Delta R.T.: 0.006 min
Response: 3391
Conc: 2.70 ng/ml



#20 AR-1242-5

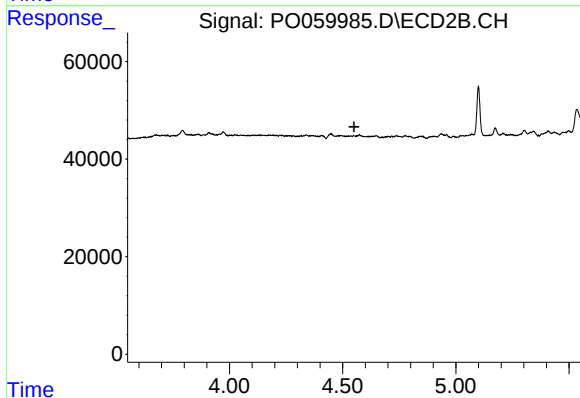
R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#21 AR-1248-1

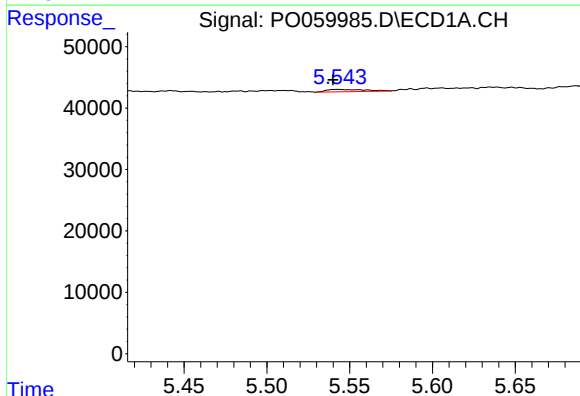
R.T.: 5.298 min
Delta R.T.: 0.018 min
Response: 13632
Conc: 13.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



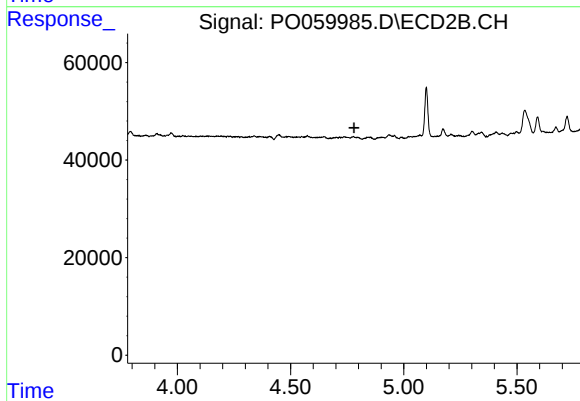
#21 AR-1248-1

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



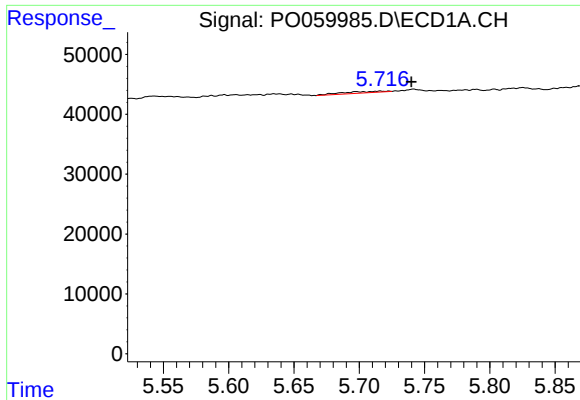
#22 AR-1248-2

R.T.: 5.543 min
Delta R.T.: 0.003 min
Response: 6190
Conc: 4.27 ng/ml



#22 AR-1248-2

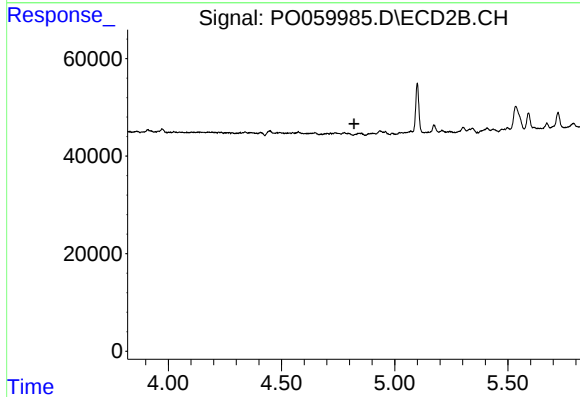
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#23 AR-1248-3

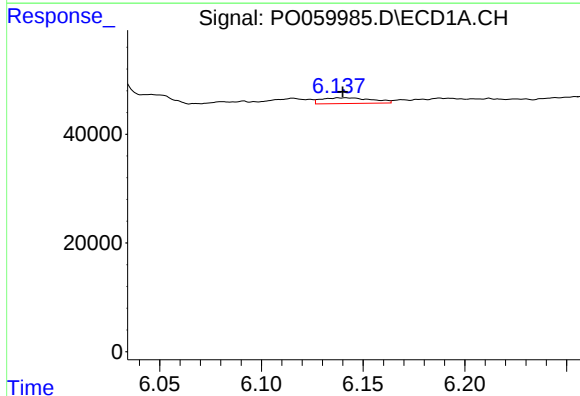
R.T.: 5.716 min
Delta R.T.: -0.024 min
Response: 5728
Conc: 3.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



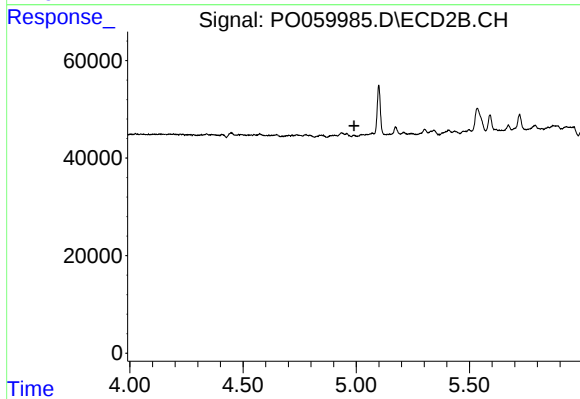
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



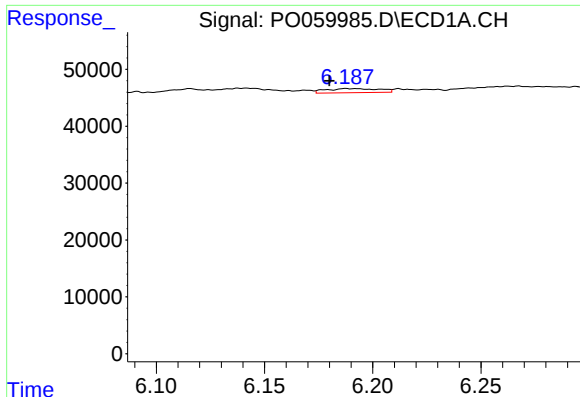
#24 AR-1248-4

R.T.: 6.141 min
Delta R.T.: 0.001 min
Response: 18374
Conc: 8.99 ng/ml



#24 AR-1248-4

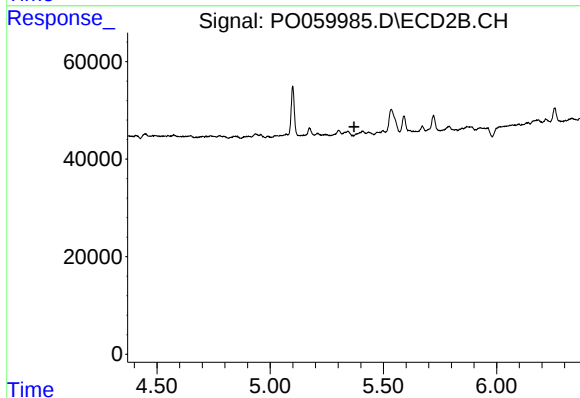
R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



#25 AR-1248-5

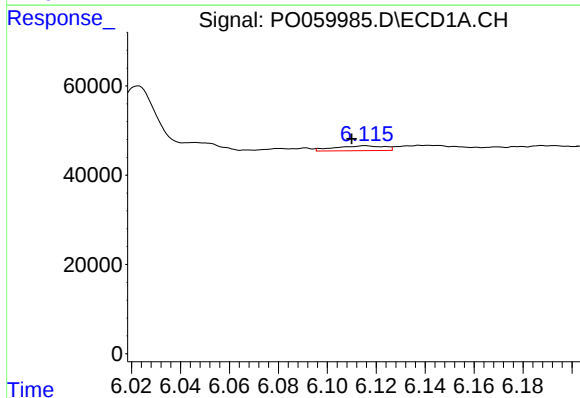
R.T.: 6.188 min
Delta R.T.: 0.008 min
Response: 12565
Conc: 6.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



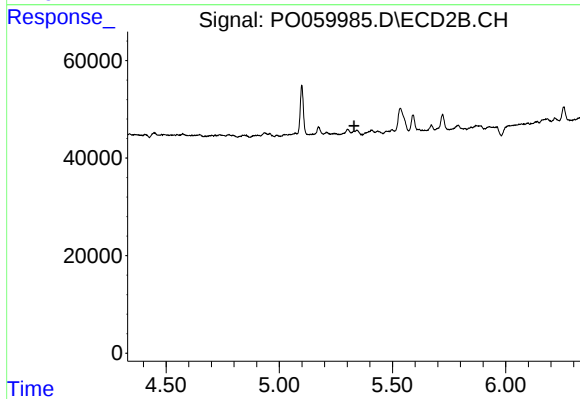
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



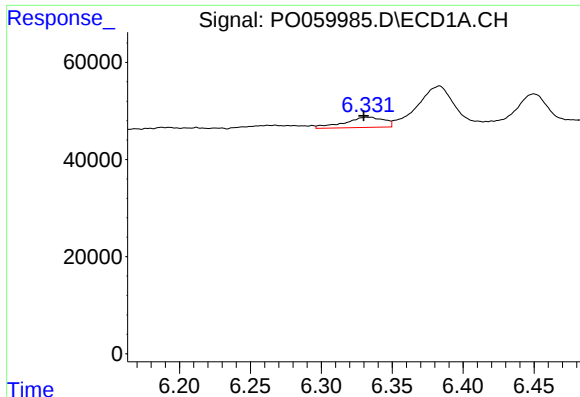
#26 AR-1254-1

R.T.: 6.116 min
Delta R.T.: 0.006 min
Response: 15391
Conc: 7.38 ng/ml



#26 AR-1254-1

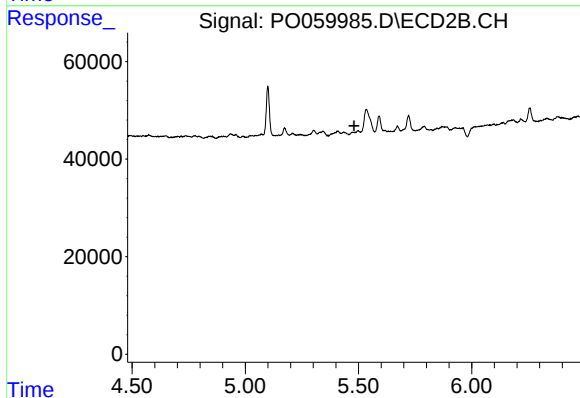
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

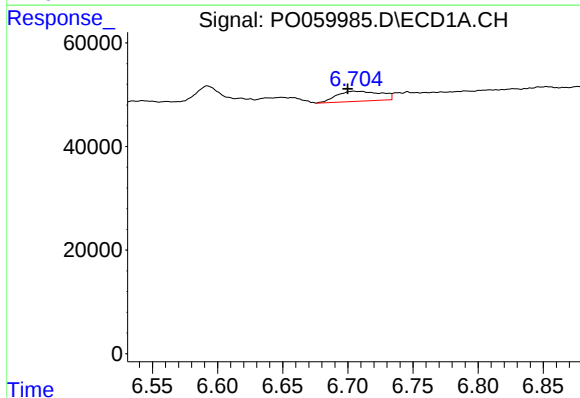
R.T.: 6.333 min
Delta R.T.: 0.003 min
Response: 41098
Conc: 12.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



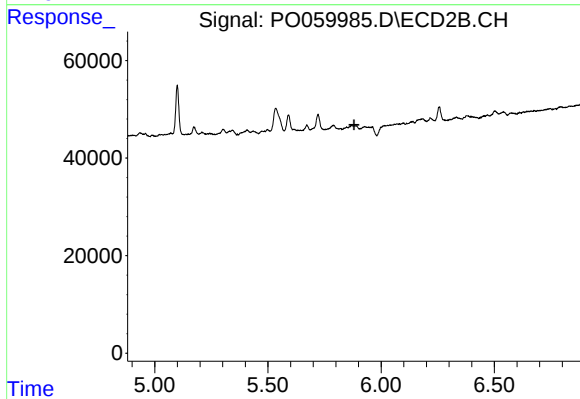
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.480 min
Response: 0
Conc: N.D.



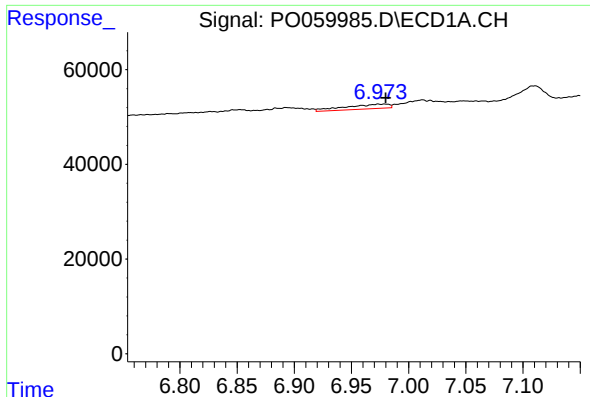
#28 AR-1254-3

R.T.: 6.704 min
Delta R.T.: 0.004 min
Response: 45288
Conc: 12.76 ng/ml



#28 AR-1254-3

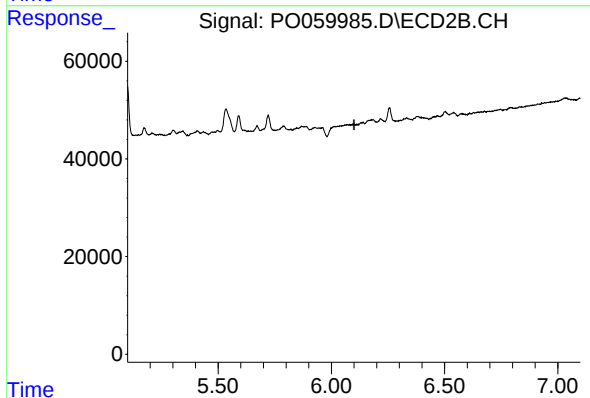
R.T.: 0.000 min
Exp R.T. : 5.880 min
Response: 0
Conc: N.D.



#29 AR-1254-4

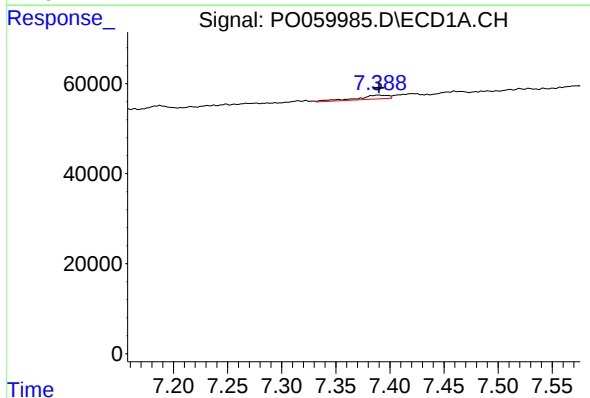
R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 26170
Conc: 8.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



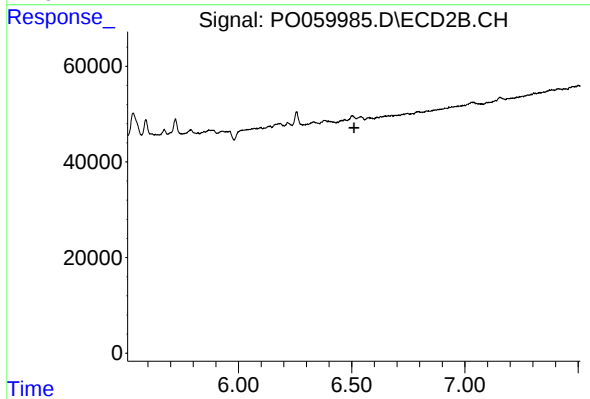
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.100 min
Response: 0
Conc: N.D.



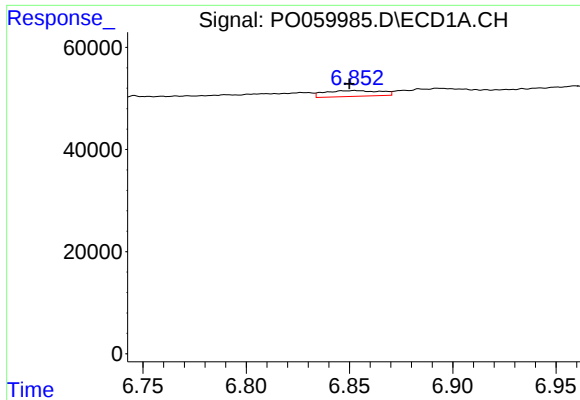
#30 AR-1254-5

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 16924
Conc: 5.47 ng/ml



#30 AR-1254-5

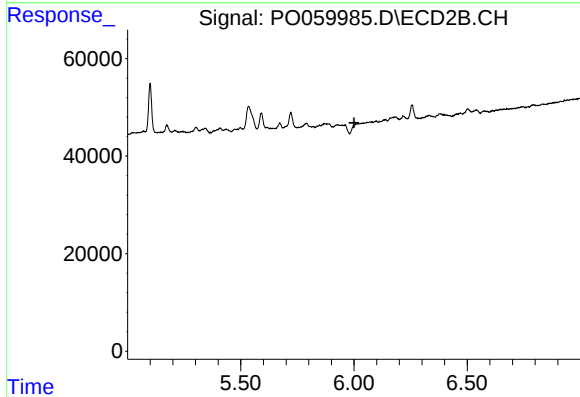
R.T.: 0.000 min
Exp R.T. : 6.510 min
Response: 0
Conc: N.D.



#31 AR-1260-1

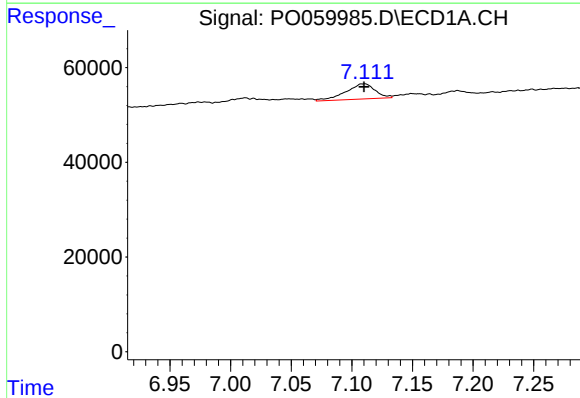
R.T.: 6.853 min
Delta R.T.: 0.003 min
Response: 21309
Conc: 7.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



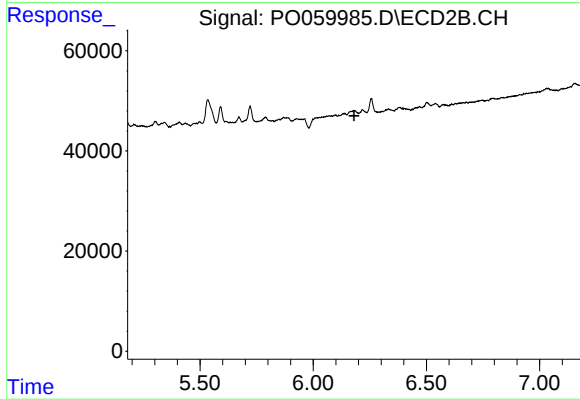
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.000 min
Response: 0
Conc: N.D.



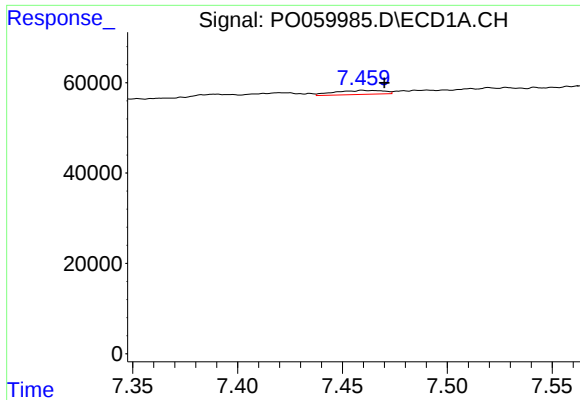
#32 AR-1260-2

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 54301
Conc: 14.63 ng/ml



#32 AR-1260-2

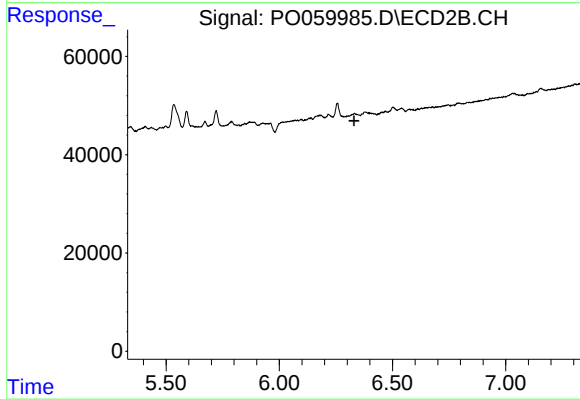
R.T.: 0.000 min
Exp R.T. : 6.180 min
Response: 0
Conc: N.D.



#33 AR-1260-3

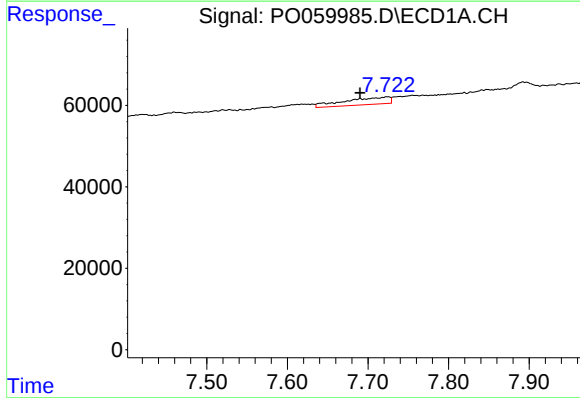
R.T.: 7.460 min
Delta R.T.: -0.010 min
Response: 14264
Conc: 4.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



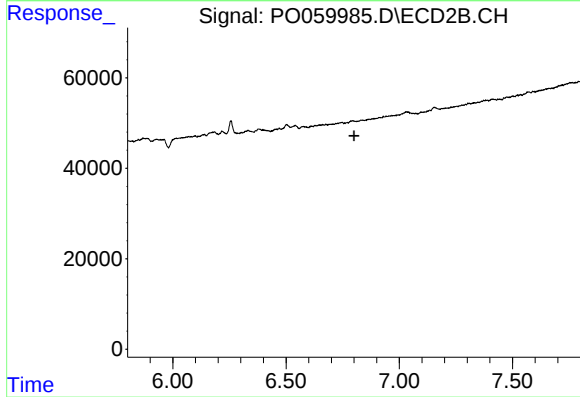
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.330 min
Response: 0
Conc: N.D.



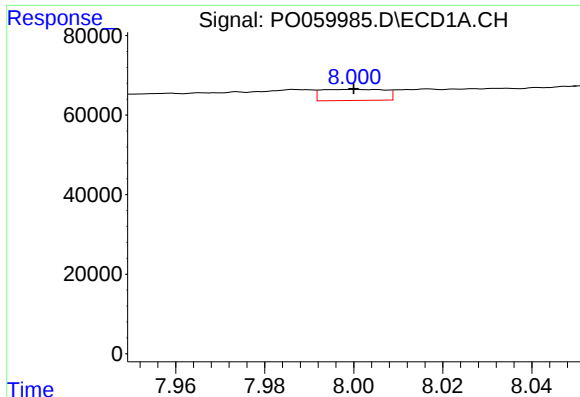
#34 AR-1260-4

R.T.: 7.724 min
Delta R.T.: 0.034 min
Response: 68470
Conc: 22.29 ng/ml



#34 AR-1260-4

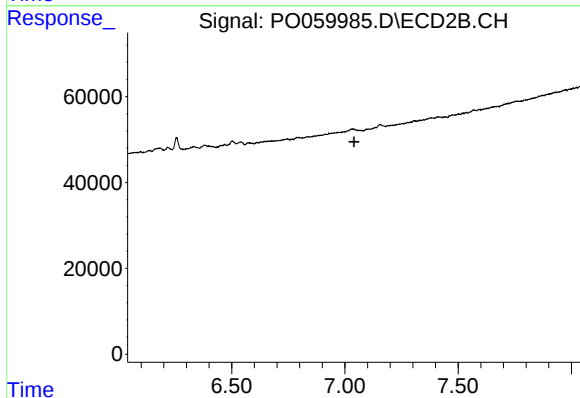
R.T.: 0.000 min
Exp R.T. : 6.800 min
Response: 0
Conc: N.D.



#35 AR-1260-5

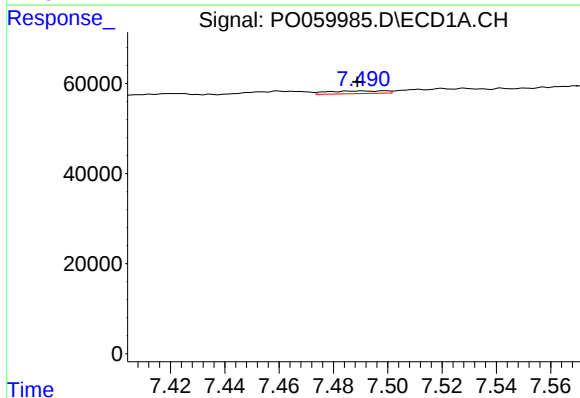
R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 27885
Conc: 3.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



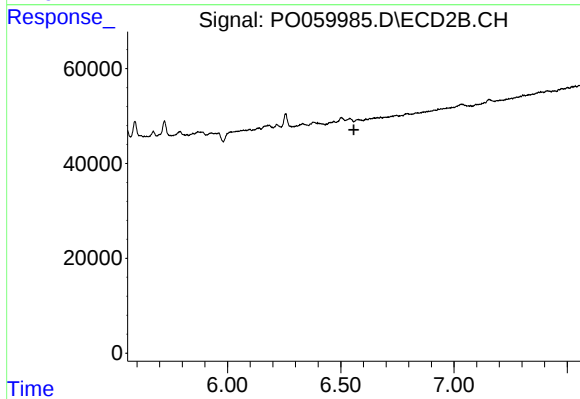
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.040 min
Response: 0
Conc: N.D.



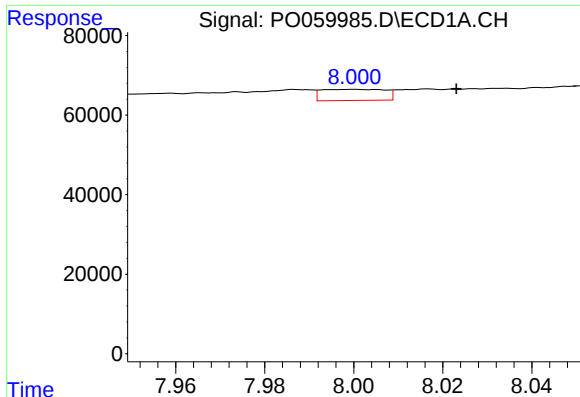
#36 AR-1262-1

R.T.: 7.491 min
Delta R.T.: 0.002 min
Response: 8653
Conc: 1.78 ng/ml



#36 AR-1262-1

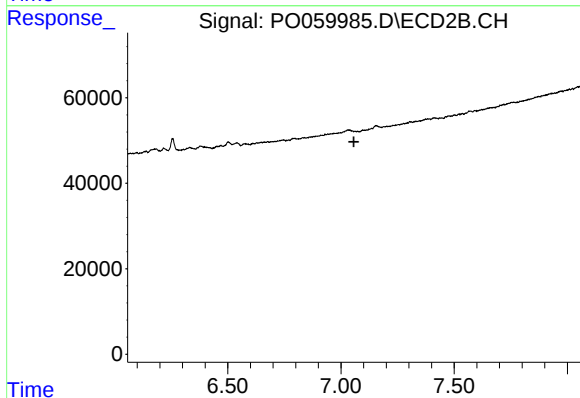
R.T.: 0.000 min
Exp R.T. : 6.558 min
Response: 0
Conc: N.D.



#37 AR-1262-2

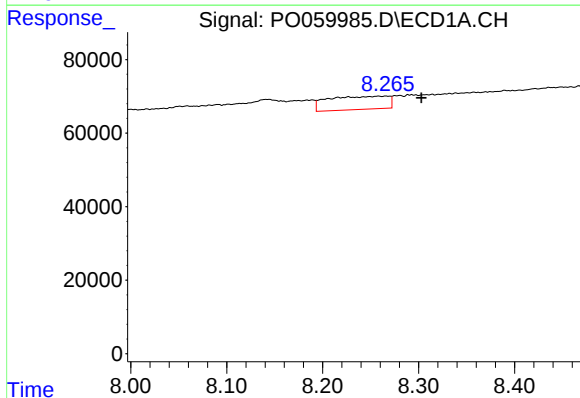
R.T.: 8.000 min
Delta R.T.: -0.023 min
Response: 27885
Conc: 3.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



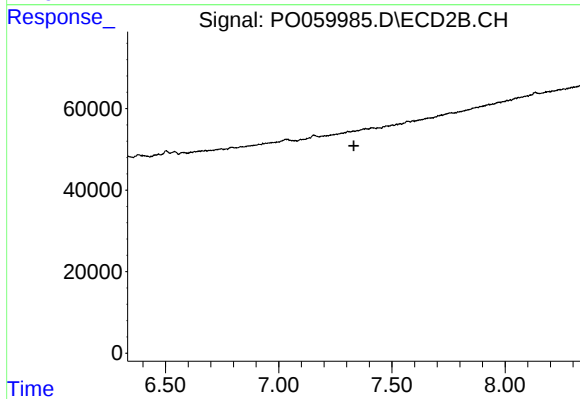
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.057 min
Response: 0
Conc: N.D.



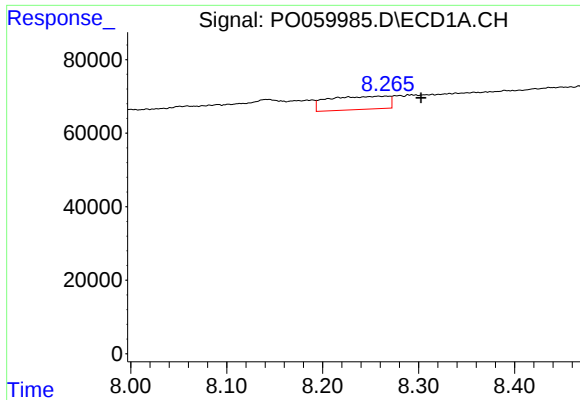
#38 AR-1262-3

R.T.: 8.266 min
Delta R.T.: -0.037 min
Response: 157860
Conc: 30.94 ng/ml



#38 AR-1262-3

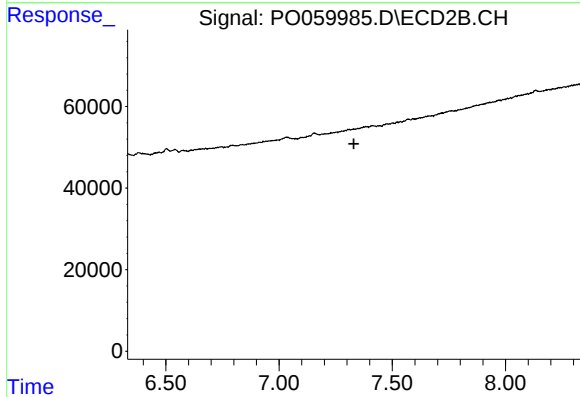
R.T.: 0.000 min
Exp R.T. : 7.332 min
Response: 0
Conc: N.D.



#41 AR-1268-1

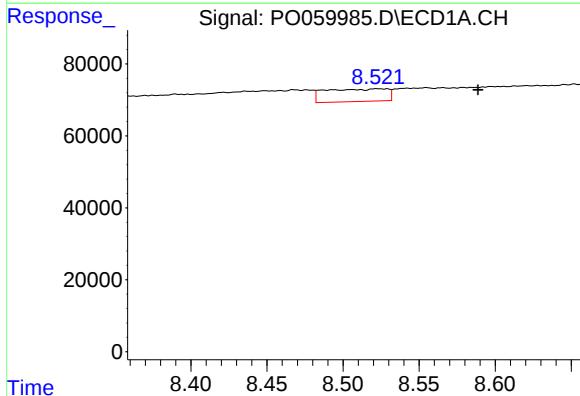
R.T.: 8.266 min
Delta R.T.: -0.036 min
Response: 157860
Conc: 16.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



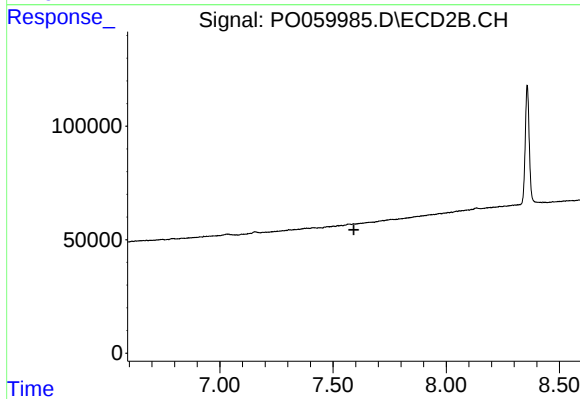
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.330 min
Response: 0
Conc: N.D.



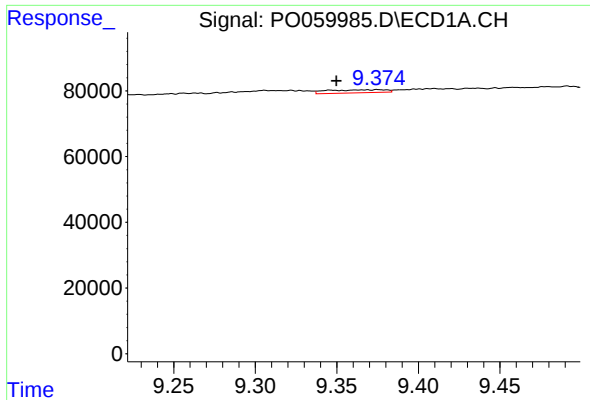
#43 AR-1268-3

R.T.: 8.524 min
Delta R.T.: -0.065 min
Response: 99449
Conc: 14.11 ng/ml



#43 AR-1268-3

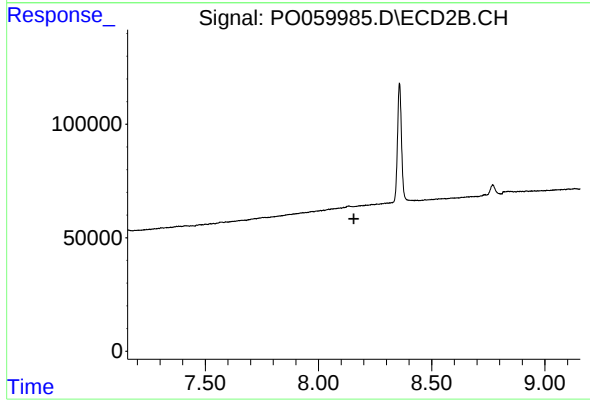
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.375 min
Delta R.T.: 0.026 min
Response: 22730
Conc: 1.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-D



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.157 min
Response: 0
Conc: N.D.