

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082819\
 Data File : P0059983.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Aug 2019 20:30
 Operator : SM/AJ
 Sample : K4567-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-7-D

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 04:09:25 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...	4.123	3.499	1069199	899793	30.538	24.997
2)	SA Decachlor...	9.592	8.358	1118956	857068	21.033	21.256
Target Compounds							
3)	L1 AR-1016-1	5.274	0.000	4298	0	2.680	N.D. #
4)	L1 AR-1016-2	5.292	0.000	1180	0	0.493	N.D. #
5)	L1 AR-1016-3	5.362	0.000	1152	0	0.773	N.D. #
6)	L1 AR-1016-4	5.436	0.000	3488	0	2.883	N.D. #
7)	L1 AR-1016-5	5.754	0.000	1471	0	1.146	N.D. #
8)	L2 AR-1221-1	4.361	0.000	969	0	2.288	N.D. #
9)	L2 AR-1221-2	4.459	0.000	1233	0	3.797	N.D. #
10)	L2 AR-1221-3	4.533	0.000	369	0	0.351	N.D. #
11)	L3 AR-1232-1	4.533	0.000	369	0	0.296	N.D. #
12)	L3 AR-1232-2	5.039	0.000	4278	0	6.056	N.D. #
13)	L3 AR-1232-3	5.335	0.000	2460	0	1.607	N.D. #
14)	L3 AR-1232-4	5.487	0.000	1551	0	1.984	N.D. #
15)	L3 AR-1232-5	5.567	0.000	910	0	1.514	N.D. #
16)	L4 AR-1242-1	5.292	0.000	1180	0	0.929	N.D. #
17)	L4 AR-1242-2	5.335	0.000	2460	0	1.326	N.D. #
18)	L4 AR-1242-3	5.390	0.000	2330	0	1.994	N.D. #
19)	L4 AR-1242-4	5.487	0.000	1551	0	1.602	N.D. #
20)	L4 AR-1242-5	6.204	0.000	8494	0	6.760	N.D. #
21)	L5 AR-1248-1	5.274	0.000	4298	0	4.287	N.D. #
22)	L5 AR-1248-2	5.545	0.000	1840	0	1.268	N.D. #
23)	L5 AR-1248-3	5.754	0.000	1471	0	0.885	N.D. #
24)	L5 AR-1248-4	6.137	0.000	2754	0	1.348	N.D. #
25)	L5 AR-1248-5	6.204	0.000	8494	0	4.283	N.D. #
26)	L6 AR-1254-1	6.114	0.000	11941	0	5.723	N.D. #
27)	L6 AR-1254-2	6.337	0.000	5554	0	1.665	N.D. #
28)	L6 AR-1254-3	6.700	0.000	7502	0	2.114	N.D. #
29)	L6 AR-1254-4	6.973	0.000	5191	0	1.762	N.D. #
30)	L6 AR-1254-5	7.421	0.000	19710	0	6.374	N.D. #
31)	L7 AR-1260-1	6.874	0.000	12192	0	4.522	N.D. #
33)	L7 AR-1260-3	7.421	0.000	19710	0	6.016	N.D. #
34)	L7 AR-1260-4	7.681	0.000	19817	0	6.452	N.D. #
35)	L7 AR-1260-5	8.010	0.000	121788	0	17.199	N.D. #
36)	L8 AR-1262-1	7.519	0.000	25871	0	5.331	N.D. #
37)	L8 AR-1262-2	8.010	0.000	121788	0	15.784	N.D. #
38)	L8 AR-1262-3	8.277	0.000	83655	0	16.395	N.D. #
39)	L8 AR-1262-4	8.376	0.000	51248	0	13.295	N.D. #
40)	L8 AR-1262-5	8.987	0.000	33982	0	13.240	N.D. #
41)	L9 AR-1268-1	8.277	0.000	83655	0	8.889	N.D. #
42)	L9 AR-1268-2	8.376	0.000	51248	0	6.501	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 04:09:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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 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	
43)	L9 AR-1268-3	8.606	0.000	61501	0	8.725	N.D.	#
44)	L9 AR-1268-4	8.987	0.000	33982	0	12.223	N.D.	#
45)	L9 AR-1268-5	9.335	0.000	12475	0	0.676	N.D.	#

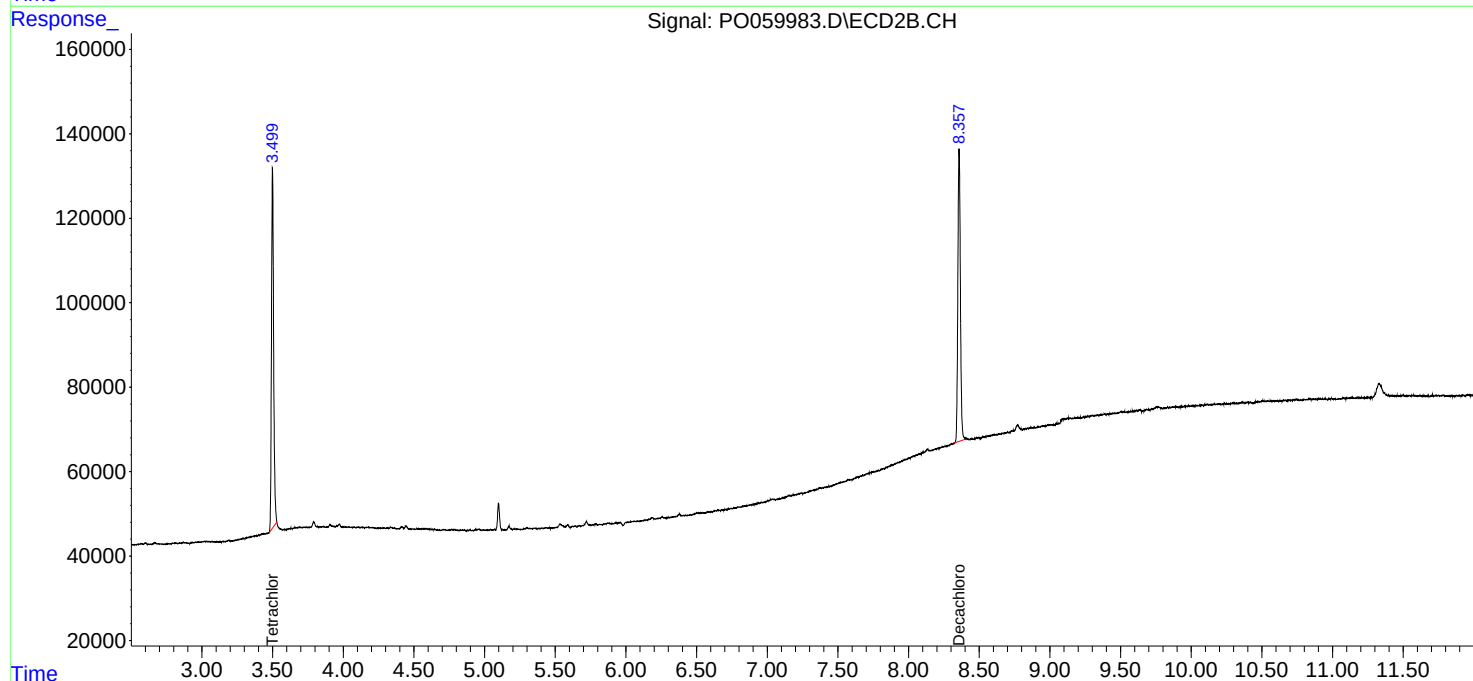
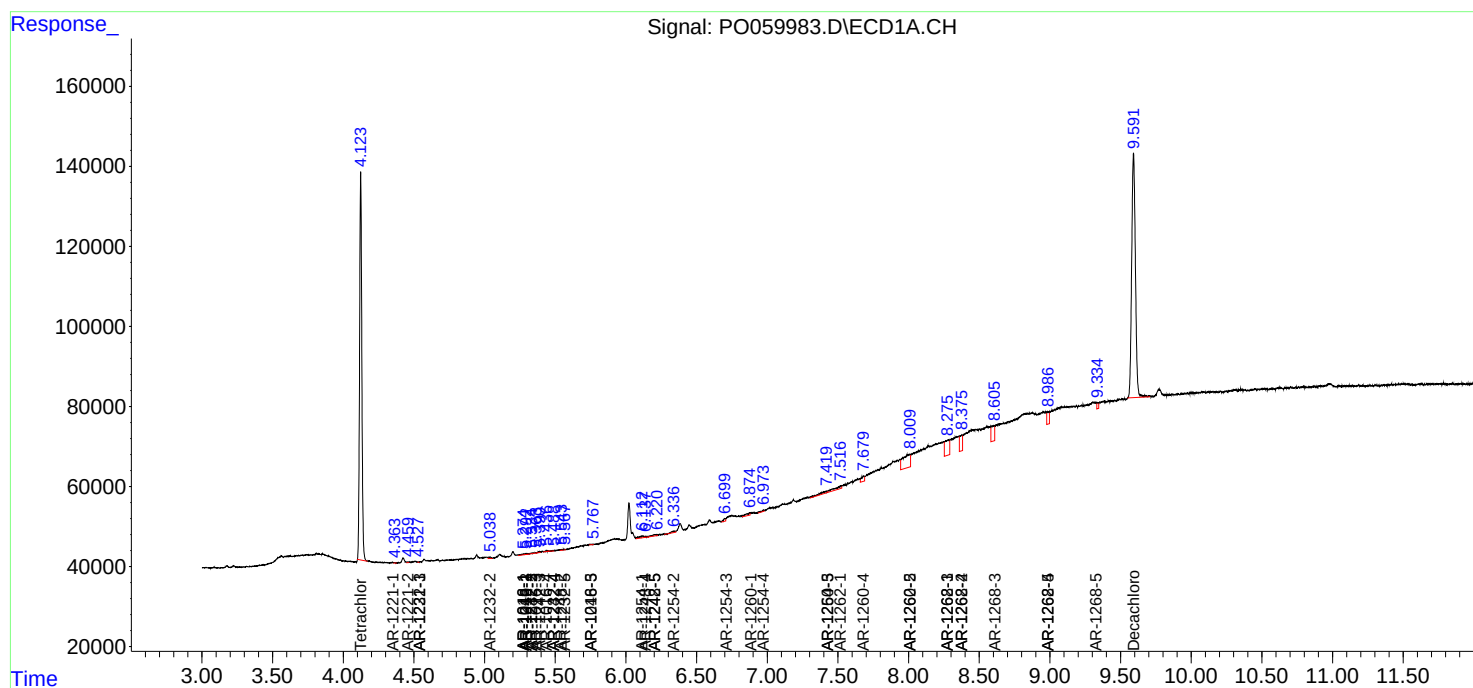
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

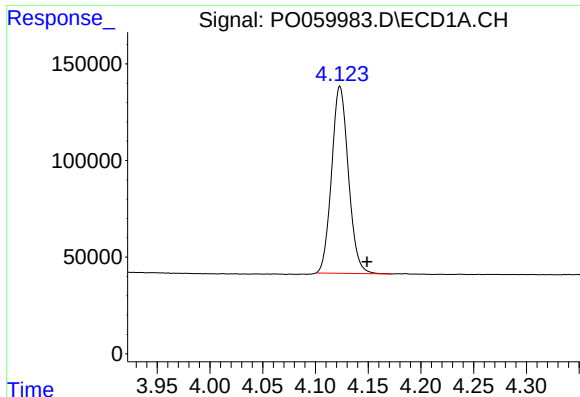
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082819\
Data File : PO059983.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Aug 2019 20:30
Operator : SM/AJ
Sample : K4567-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
TP-7-D

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 04:09:25 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.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

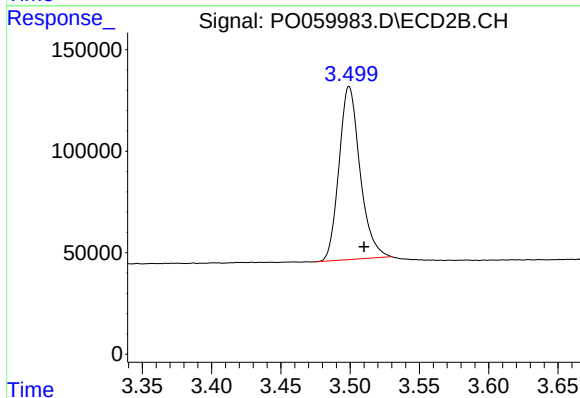




#1 Tetrachloro-m-xylene

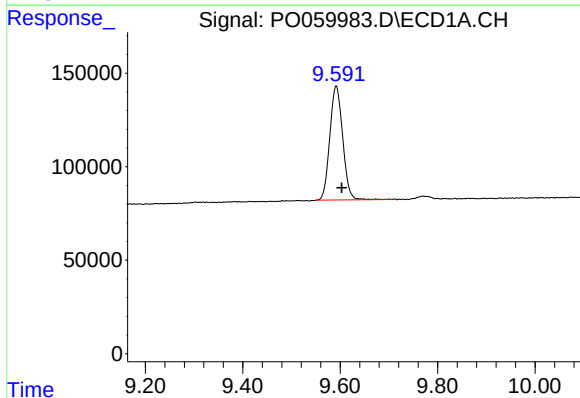
R.T.: 4.123 min
Delta R.T.: -0.026 min
Response: 1069199
Conc: 30.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



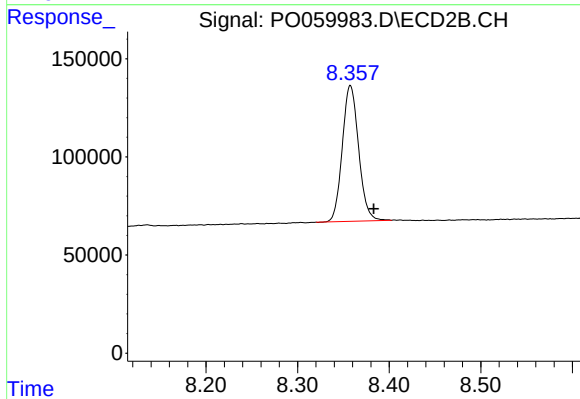
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: -0.011 min
Response: 899793
Conc: 25.00 ng/ml



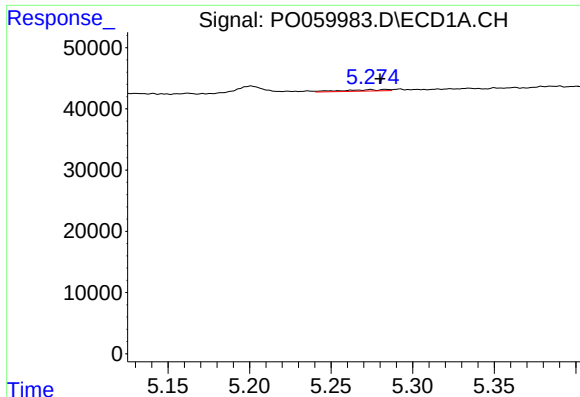
#2 Decachlorobiphenyl

R.T.: 9.592 min
Delta R.T.: -0.011 min
Response: 1118956
Conc: 21.03 ng/ml



#2 Decachlorobiphenyl

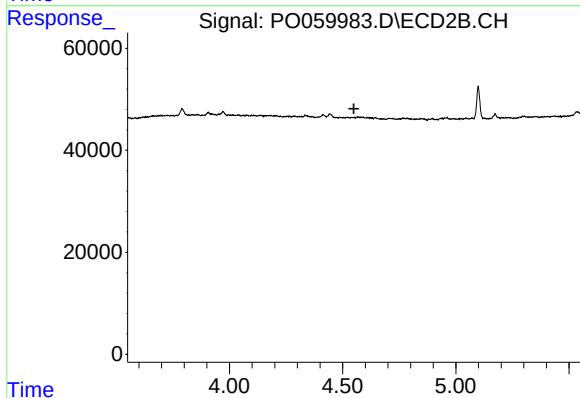
R.T.: 8.358 min
Delta R.T.: -0.026 min
Response: 857068
Conc: 21.26 ng/ml



#3 AR-1016-1

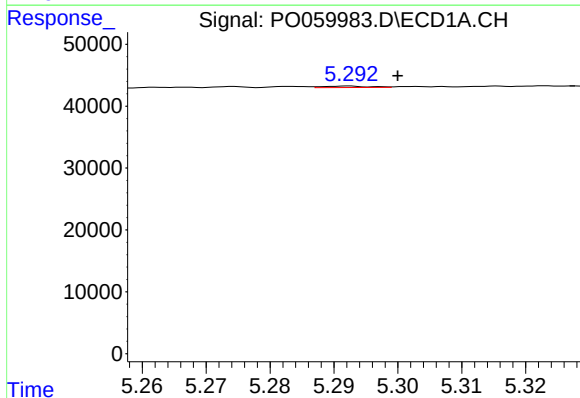
R.T.: 5.274 min
Delta R.T.: -0.006 min
Response: 4298
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



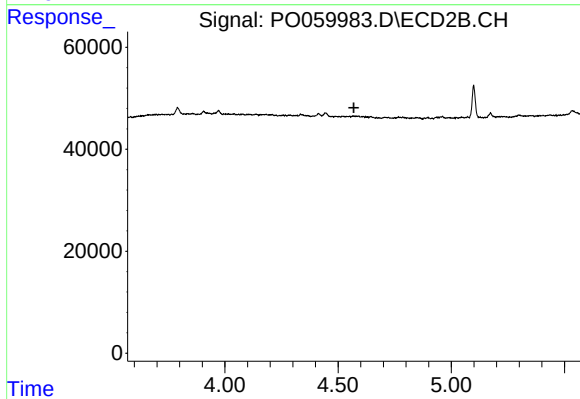
#3 AR-1016-1

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



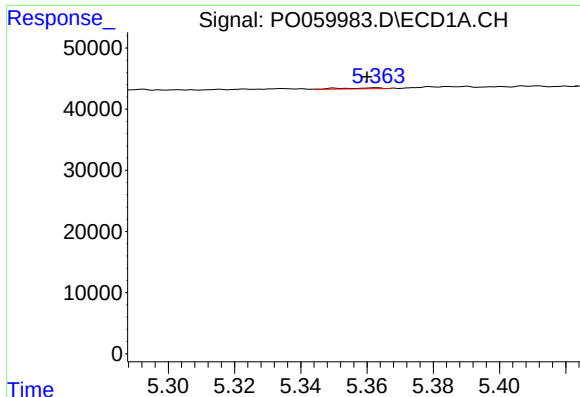
#4 AR-1016-2

R.T.: 5.292 min
Delta R.T.: -0.008 min
Response: 1180
Conc: 0.49 ng/ml



#4 AR-1016-2

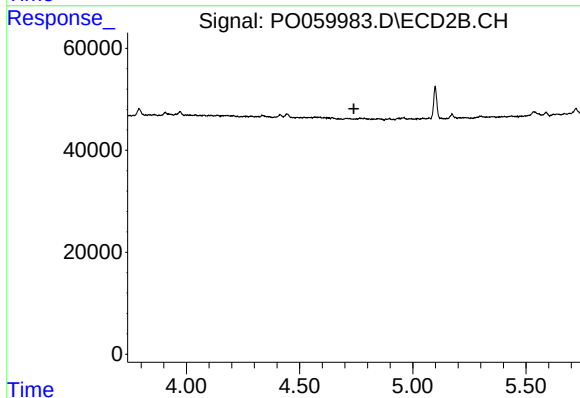
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

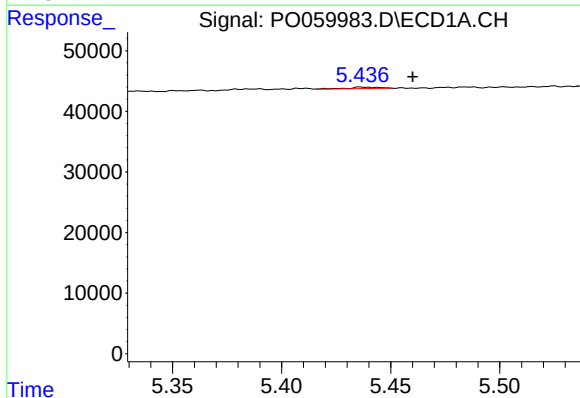
R.T.: 5.362 min
Delta R.T.: 0.002 min
Response: 1152
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



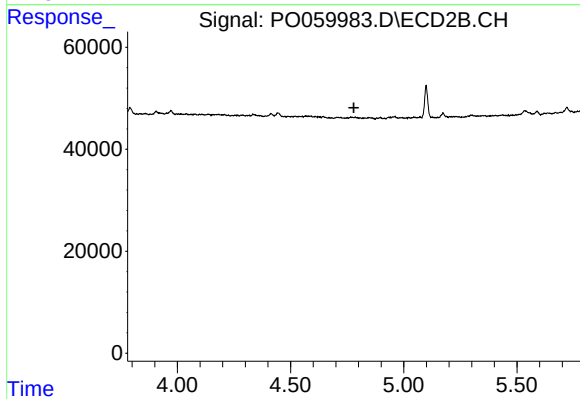
#5 AR-1016-3

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



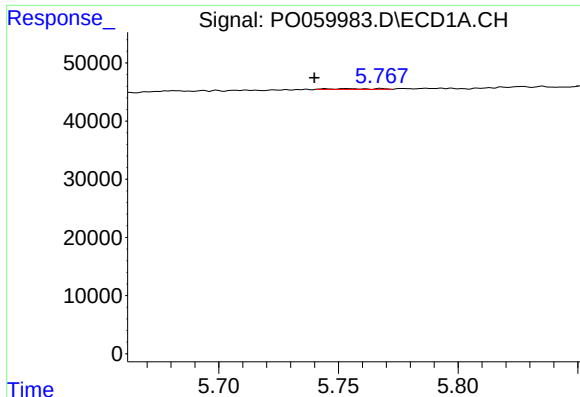
#6 AR-1016-4

R.T.: 5.436 min
Delta R.T.: -0.024 min
Response: 3488
Conc: 2.88 ng/ml



#6 AR-1016-4

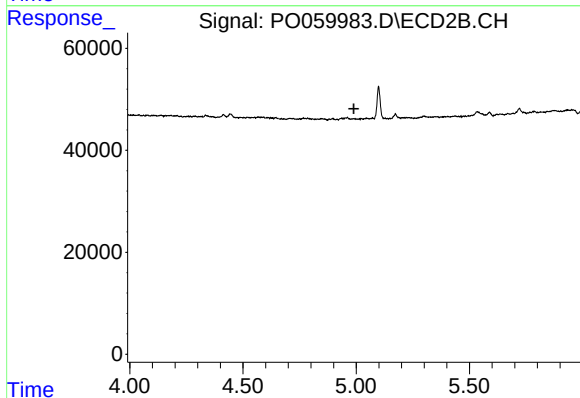
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#7 AR-1016-5

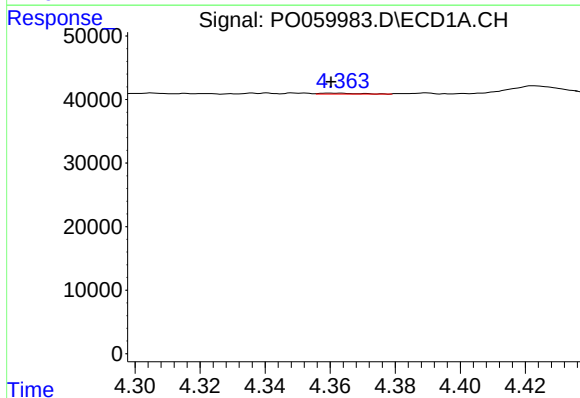
R.T.: 5.754 min
Delta R.T.: 0.014 min
Response: 1471
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



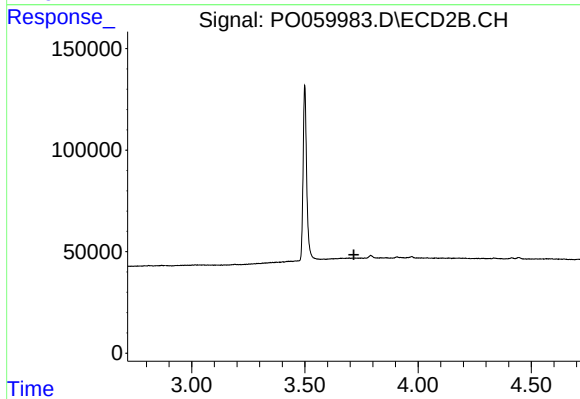
#7 AR-1016-5

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



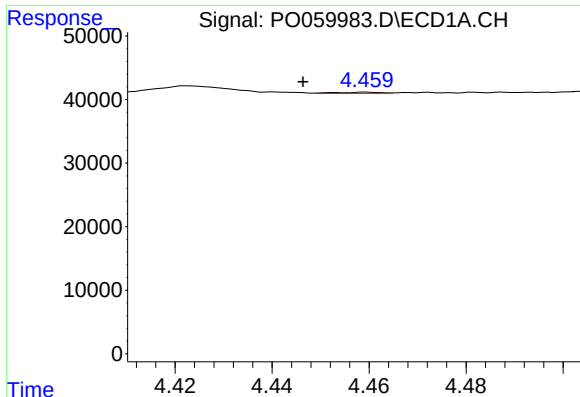
#8 AR-1221-1

R.T.: 4.361 min
Delta R.T.: 0.001 min
Response: 969
Conc: 2.29 ng/ml



#8 AR-1221-1

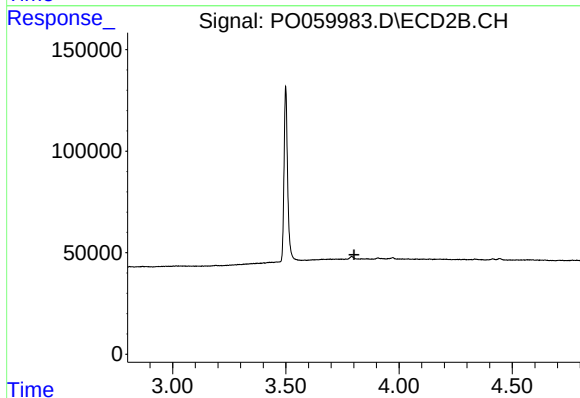
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

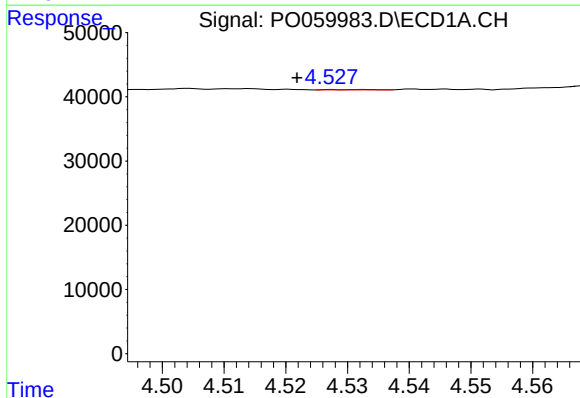
R.T.: 4.459 min
Delta R.T.: 0.013 min
Response: 1233
Conc: 3.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



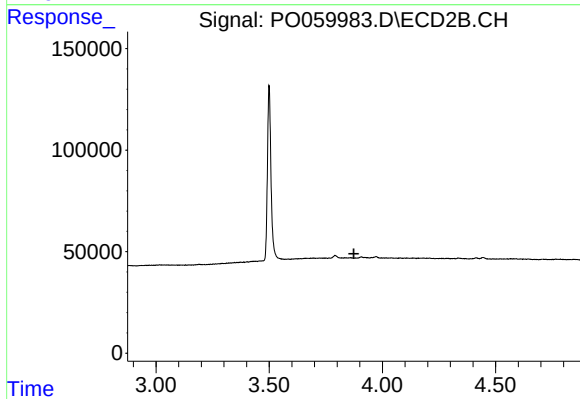
#9 AR-1221-2

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



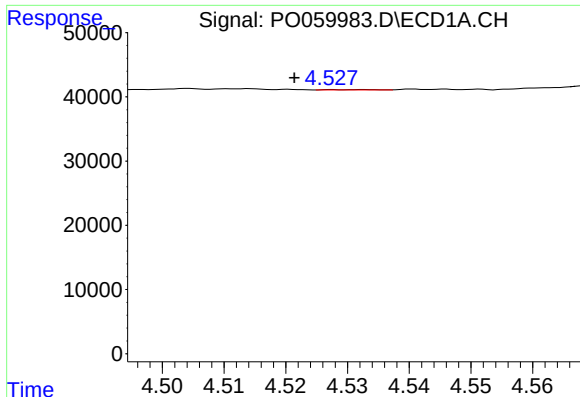
#10 AR-1221-3

R.T.: 4.533 min
Delta R.T.: 0.011 min
Response: 369
Conc: 0.35 ng/ml



#10 AR-1221-3

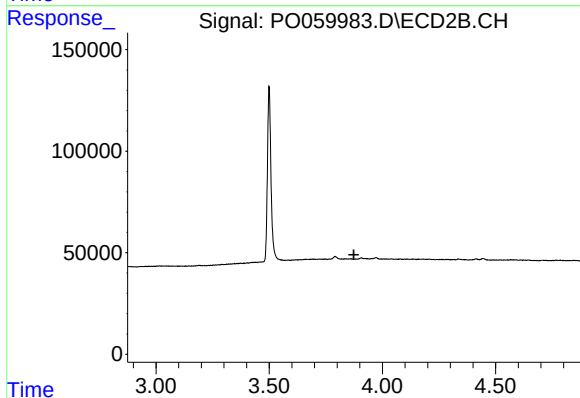
R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



#11 AR-1232-1

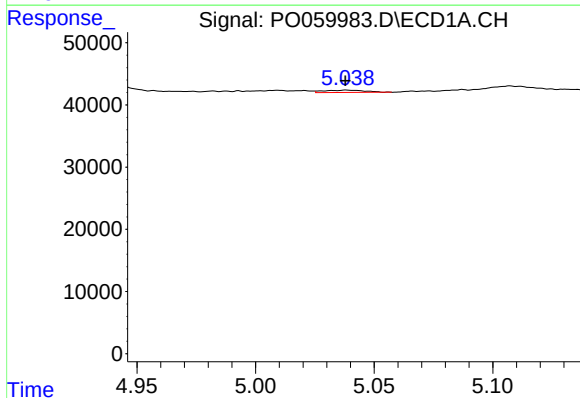
R.T.: 4.533 min
Delta R.T.: 0.011 min
Response: 369
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



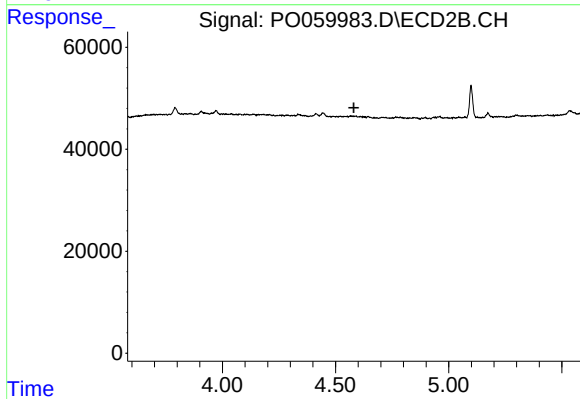
#11 AR-1232-1

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



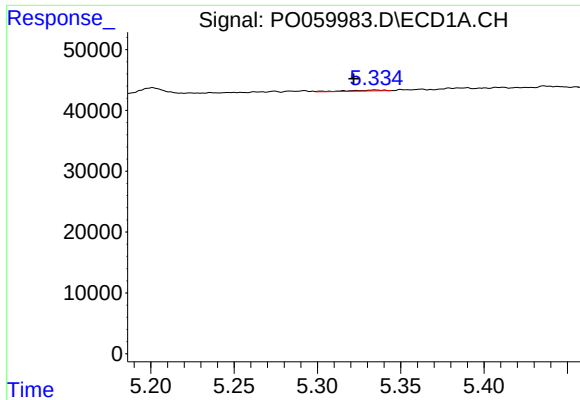
#12 AR-1232-2

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 4278
Conc: 6.06 ng/ml



#12 AR-1232-2

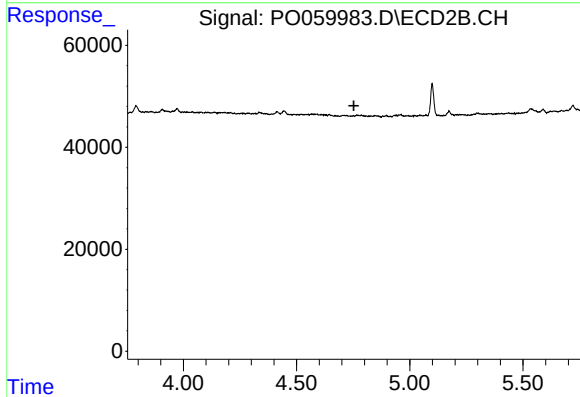
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

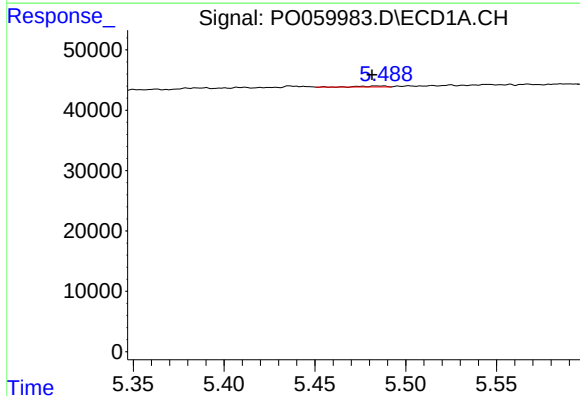
R.T.: 5.335 min
Delta R.T.: 0.013 min
Response: 2460
Conc: 1.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



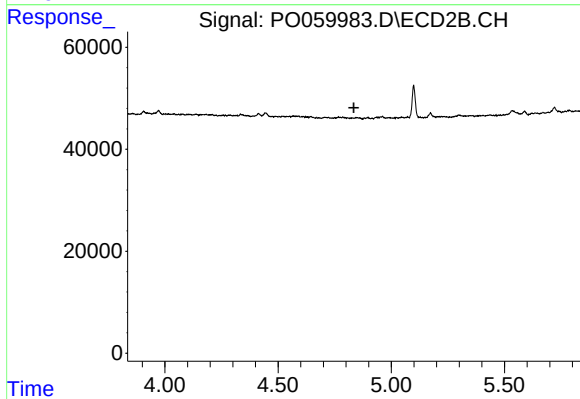
#13 AR-1232-3

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



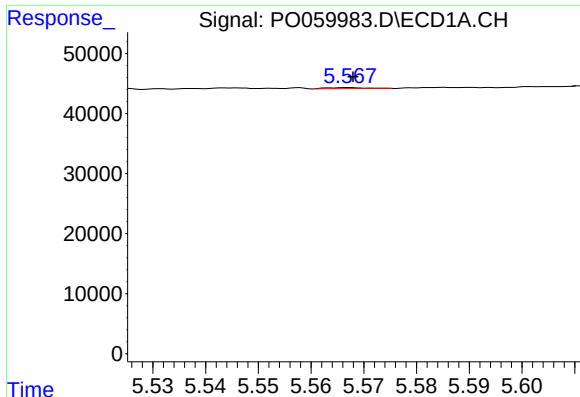
#14 AR-1232-4

R.T.: 5.487 min
Delta R.T.: 0.006 min
Response: 1551
Conc: 1.98 ng/ml



#14 AR-1232-4

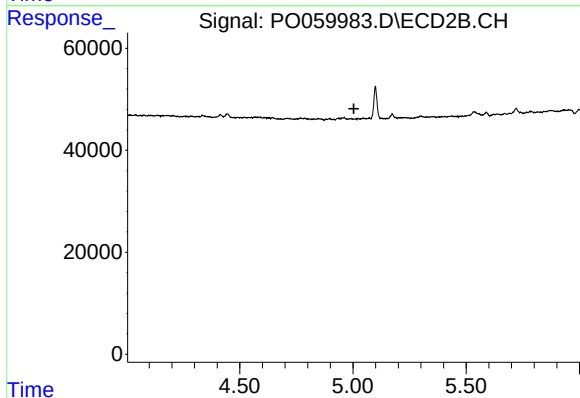
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#15 AR-1232-5

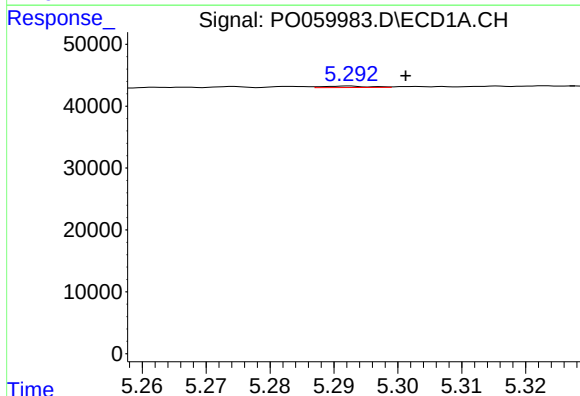
R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 910
Conc: 1.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



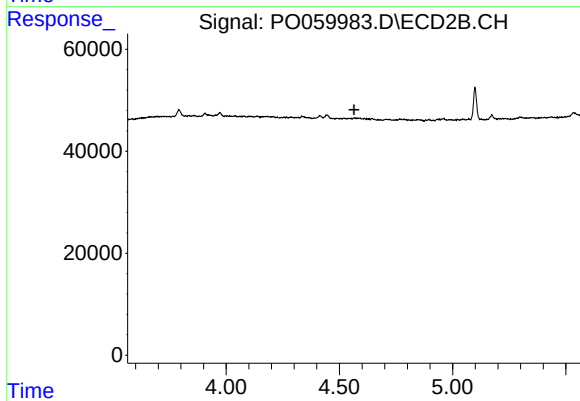
#15 AR-1232-5

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



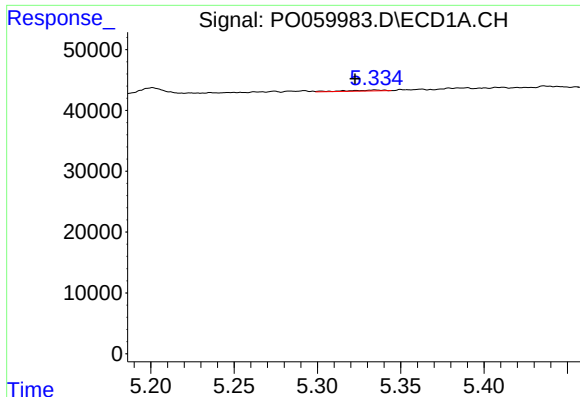
#16 AR-1242-1

R.T.: 5.292 min
Delta R.T.: -0.009 min
Response: 1180
Conc: 0.93 ng/ml



#16 AR-1242-1

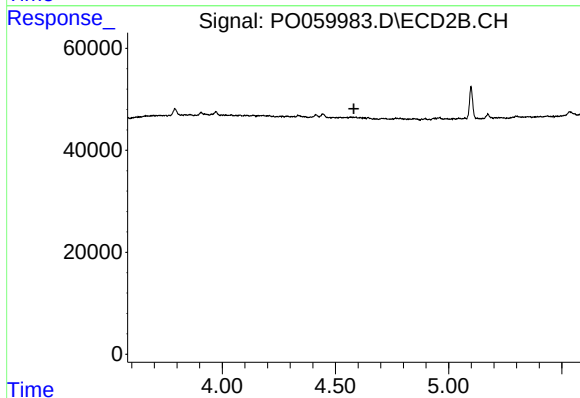
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

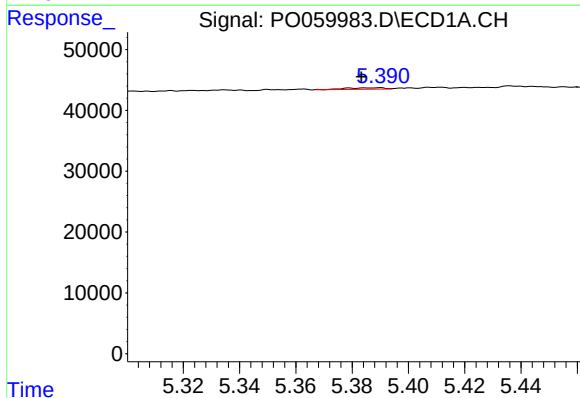
R.T.: 5.335 min
Delta R.T.: 0.012 min
Response: 2460
Conc: 1.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



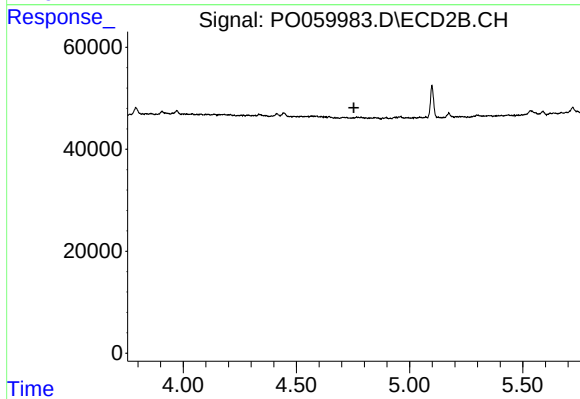
#17 AR-1242-2

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



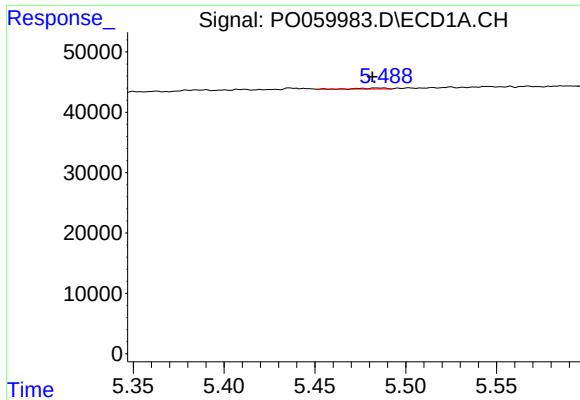
#18 AR-1242-3

R.T.: 5.390 min
Delta R.T.: 0.006 min
Response: 2330
Conc: 1.99 ng/ml



#18 AR-1242-3

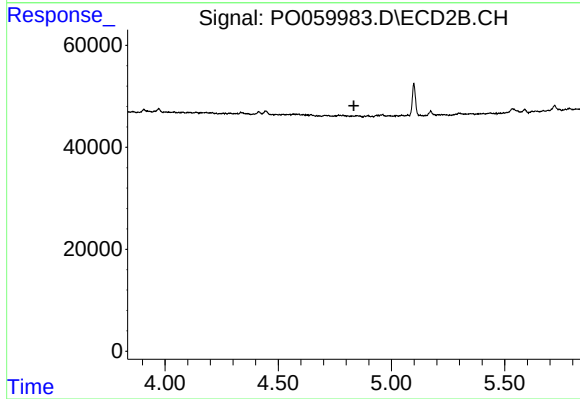
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#19 AR-1242-4

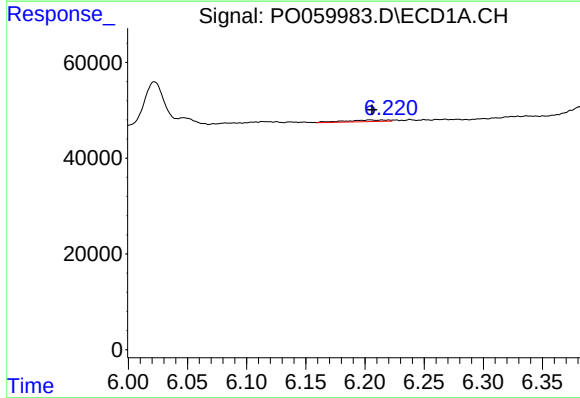
R.T.: 5.487 min
Delta R.T.: 0.005 min
Response: 1551
Conc: 1.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



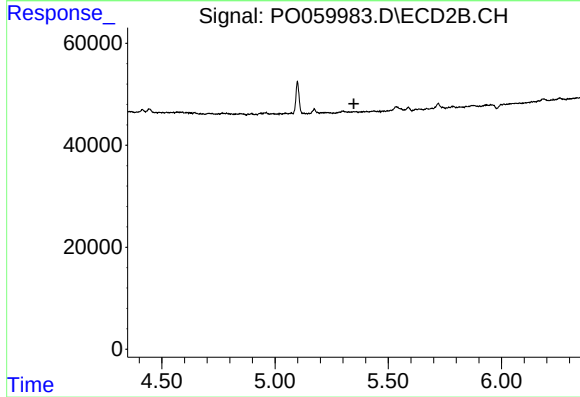
#19 AR-1242-4

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



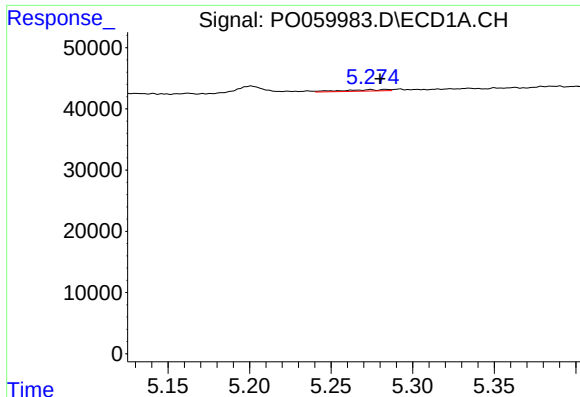
#20 AR-1242-5

R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 8494
Conc: 6.76 ng/ml



#20 AR-1242-5

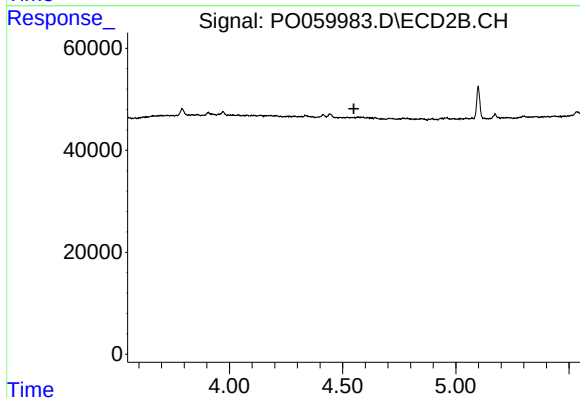
R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#21 AR-1248-1

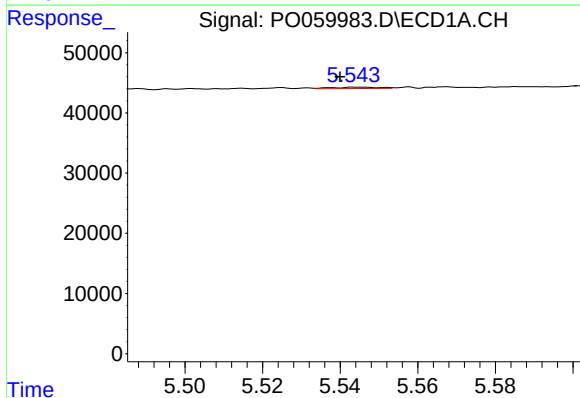
R.T.: 5.274 min
Delta R.T.: -0.006 min
Response: 4298
Conc: 4.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



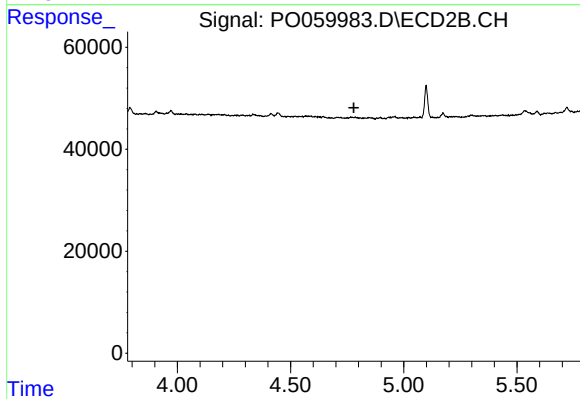
#21 AR-1248-1

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



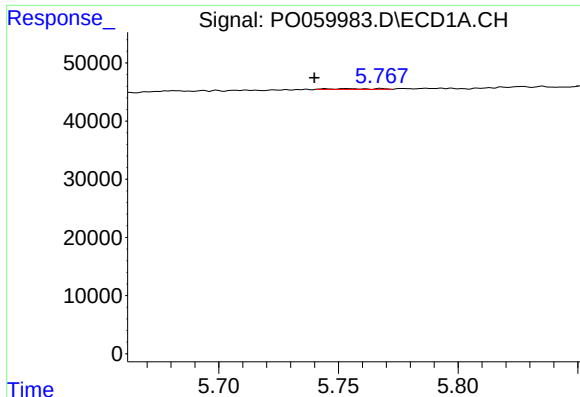
#22 AR-1248-2

R.T.: 5.545 min
Delta R.T.: 0.005 min
Response: 1840
Conc: 1.27 ng/ml



#22 AR-1248-2

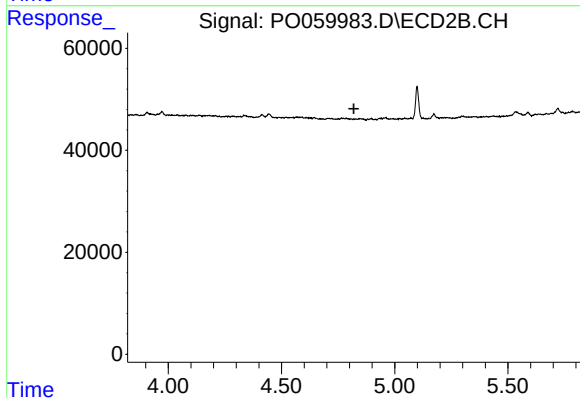
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#23 AR-1248-3

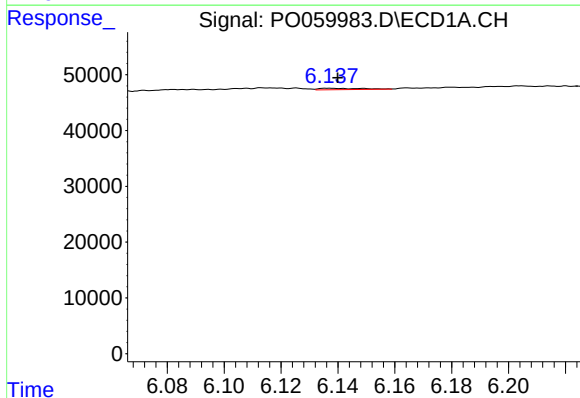
R.T.: 5.754 min
Delta R.T.: 0.014 min
Response: 1471
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



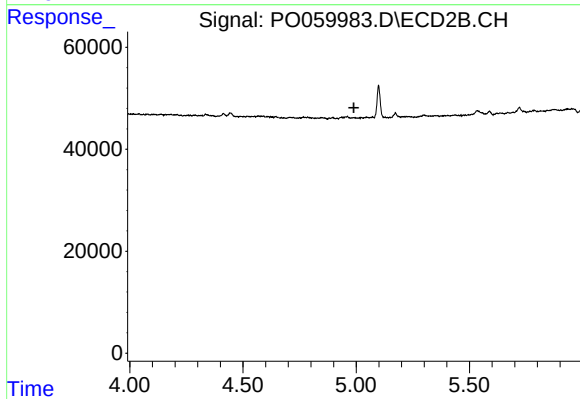
#23 AR-1248-3

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



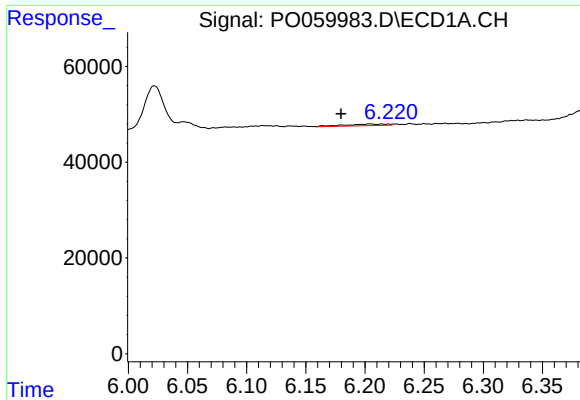
#24 AR-1248-4

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 2754
Conc: 1.35 ng/ml



#24 AR-1248-4

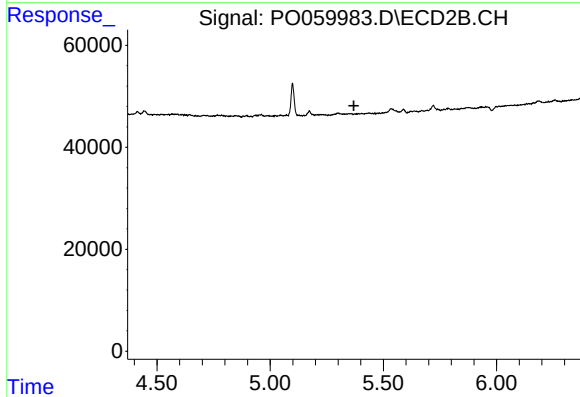
R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



#25 AR-1248-5

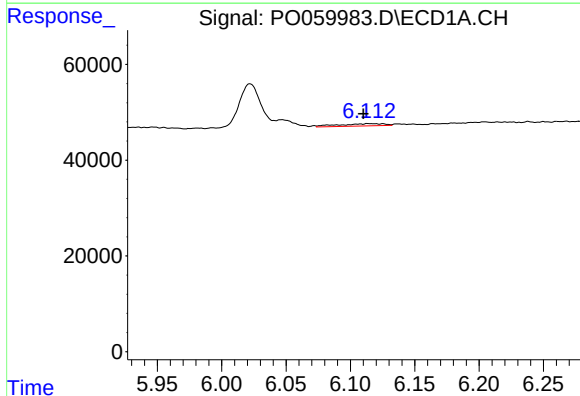
R.T.: 6.204 min
Delta R.T.: 0.024 min
Response: 8494
Conc: 4.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



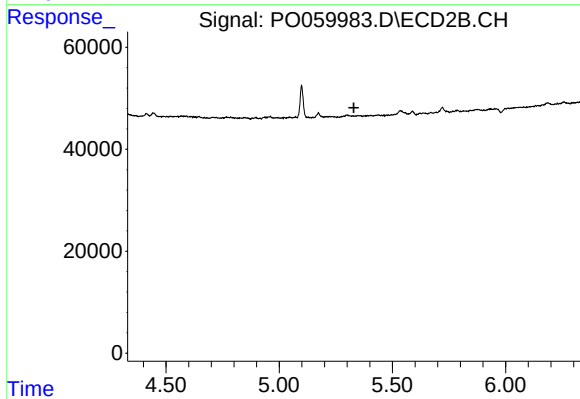
#25 AR-1248-5

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



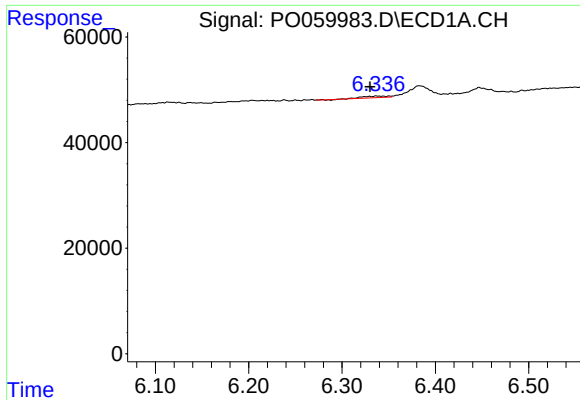
#26 AR-1254-1

R.T.: 6.114 min
Delta R.T.: 0.004 min
Response: 11941
Conc: 5.72 ng/ml



#26 AR-1254-1

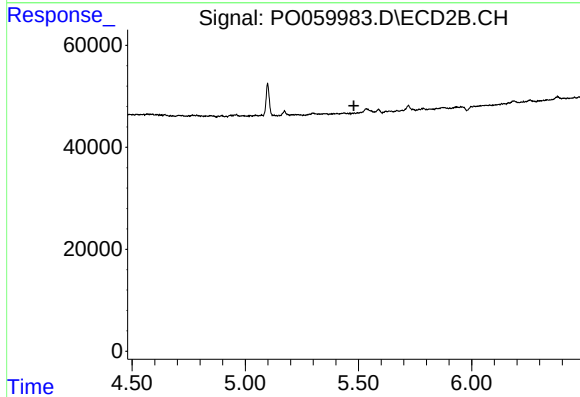
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

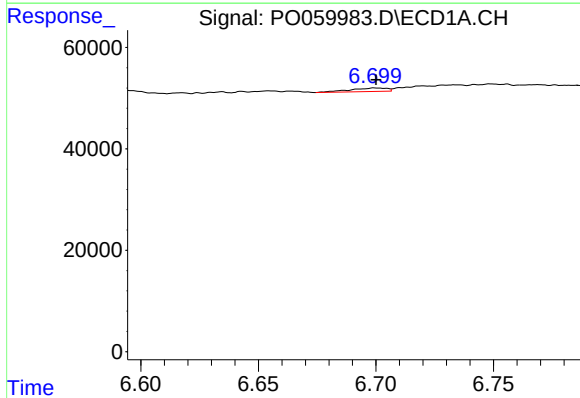
R.T.: 6.337 min
Delta R.T.: 0.007 min
Response: 5554
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



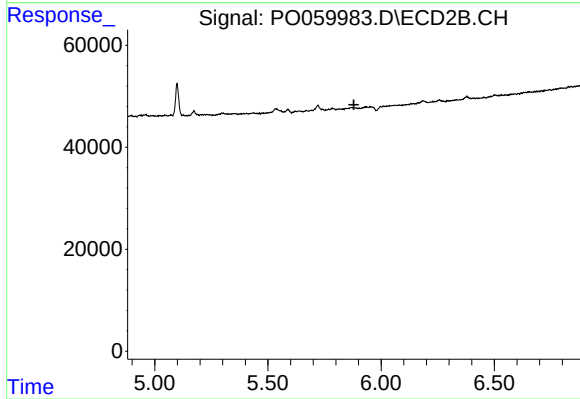
#27 AR-1254-2

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



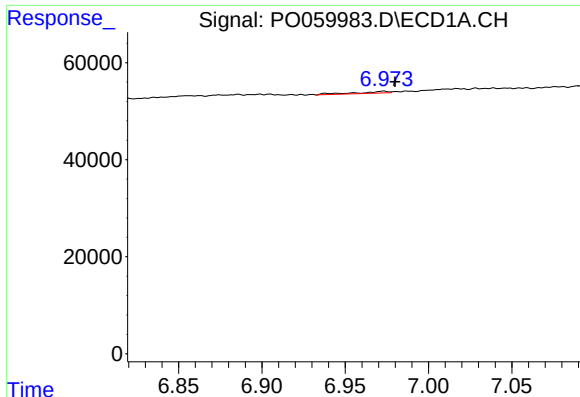
#28 AR-1254-3

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 7502
Conc: 2.11 ng/ml



#28 AR-1254-3

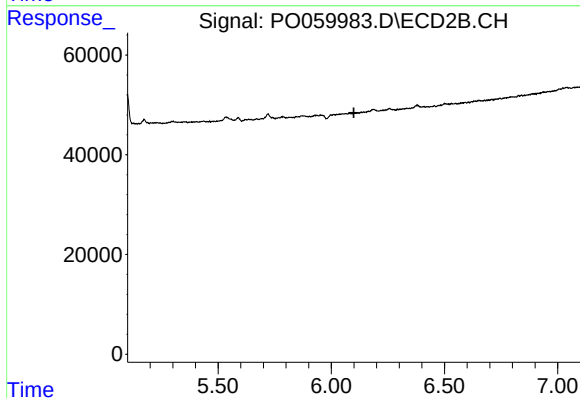
R.T.: 0.000 min
Exp R.T. : 5.880 min
Response: 0
Conc: N.D.



#29 AR-1254-4

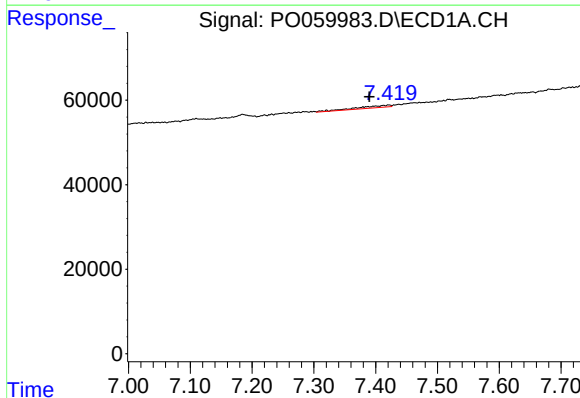
R.T.: 6.973 min
Delta R.T.: -0.007 min
Response: 5191
Conc: 1.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



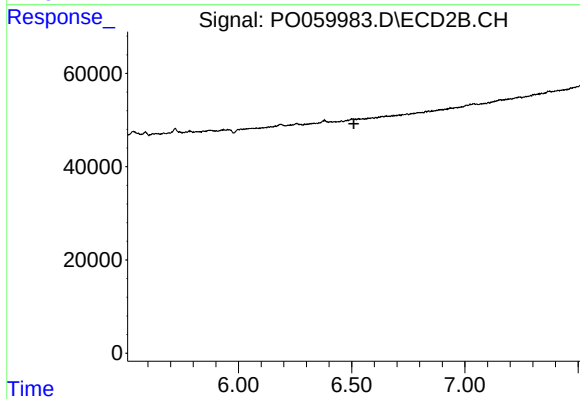
#29 AR-1254-4

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



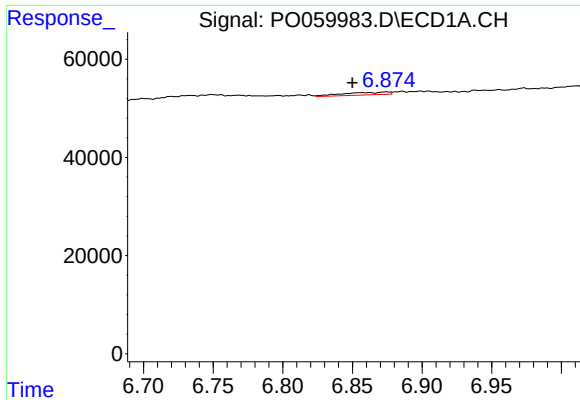
#30 AR-1254-5

R.T.: 7.421 min
Delta R.T.: 0.031 min
Response: 19710
Conc: 6.37 ng/ml



#30 AR-1254-5

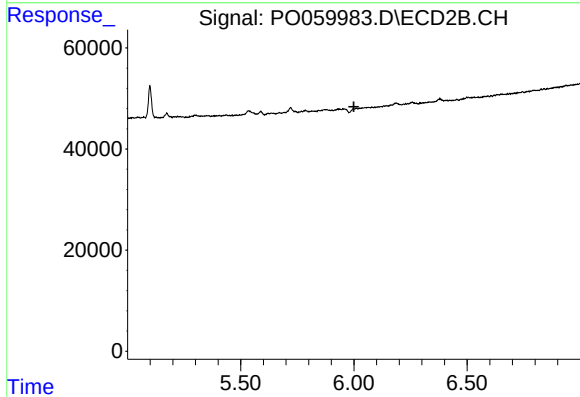
R.T.: 0.000 min
Exp R.T. : 6.510 min
Response: 0
Conc: N.D.



#31 AR-1260-1

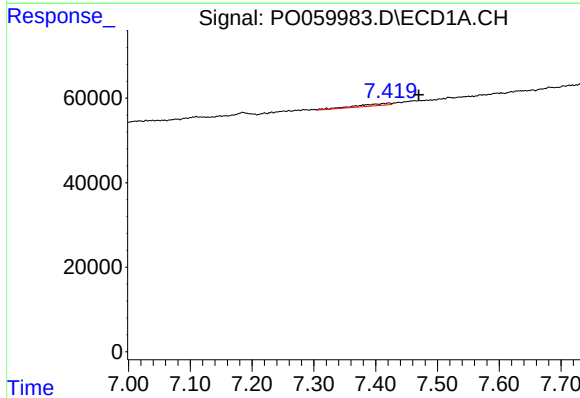
R.T.: 6.874 min
Delta R.T.: 0.024 min
Response: 12192
Conc: 4.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



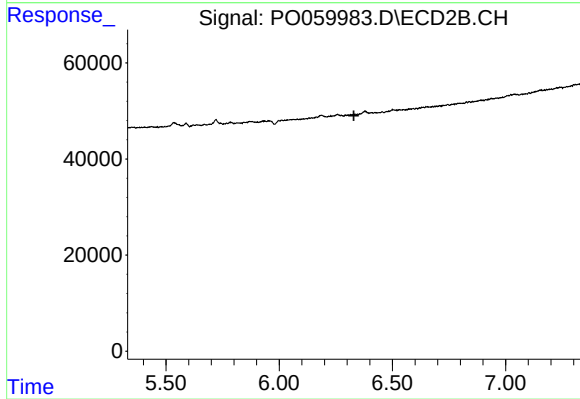
#31 AR-1260-1

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



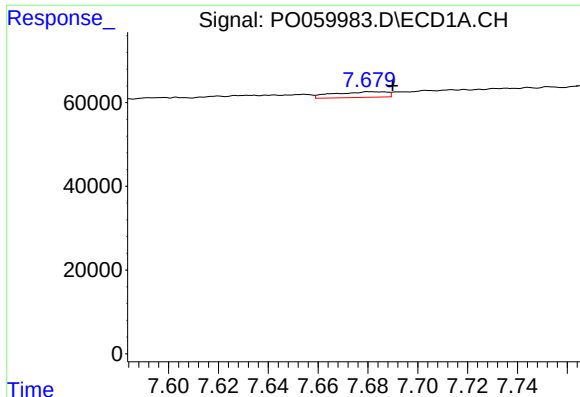
#33 AR-1260-3

R.T.: 7.421 min
Delta R.T.: -0.049 min
Response: 19710
Conc: 6.02 ng/ml



#33 AR-1260-3

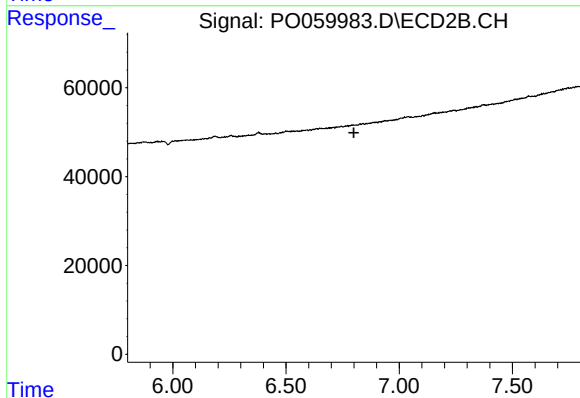
R.T.: 0.000 min
Exp R.T. : 6.330 min
Response: 0
Conc: N.D.



#34 AR-1260-4

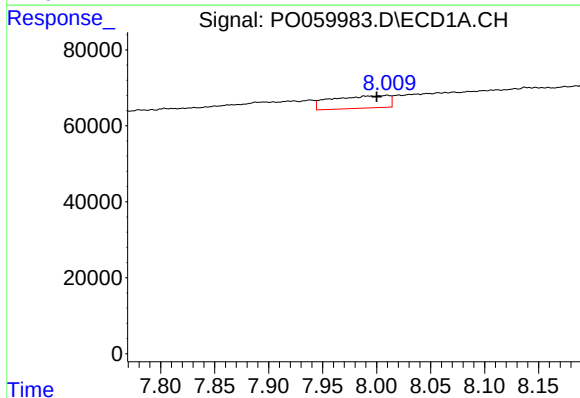
R.T.: 7.681 min
Delta R.T.: -0.009 min
Response: 19817
Conc: 6.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



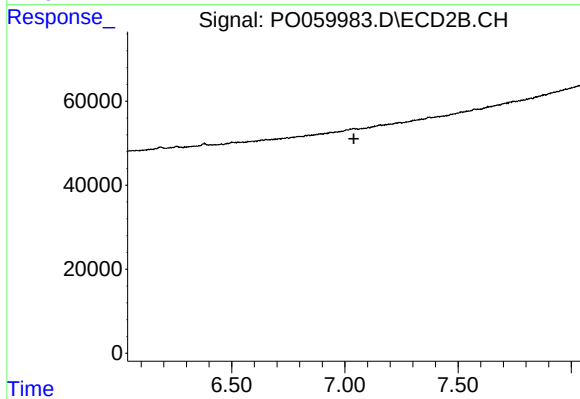
#34 AR-1260-4

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



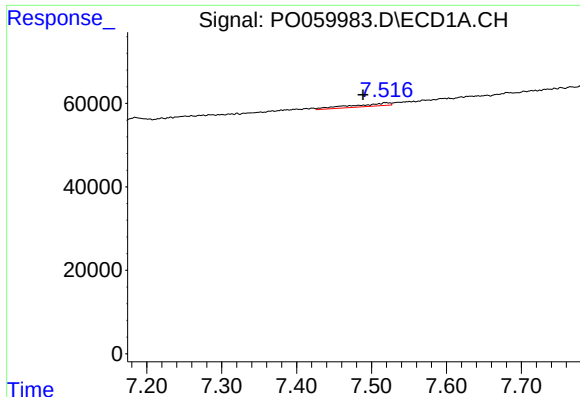
#35 AR-1260-5

R.T.: 8.010 min
Delta R.T.: 0.010 min
Response: 121788
Conc: 17.20 ng/ml



#35 AR-1260-5

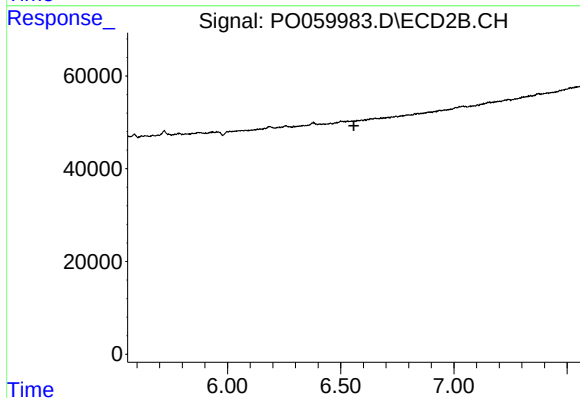
R.T.: 0.000 min
Exp R.T. : 7.040 min
Response: 0
Conc: N.D.



#36 AR-1262-1

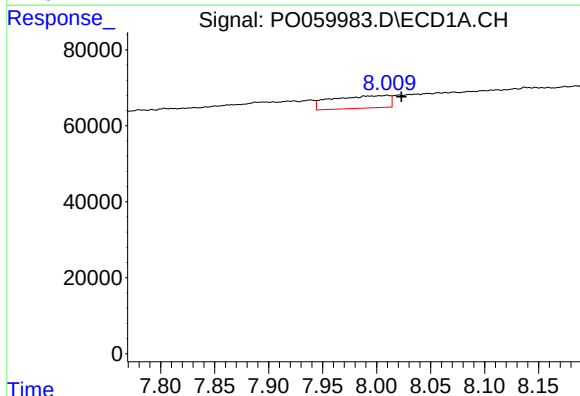
R.T.: 7.519 min
Delta R.T.: 0.030 min
Response: 25871
Conc: 5.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



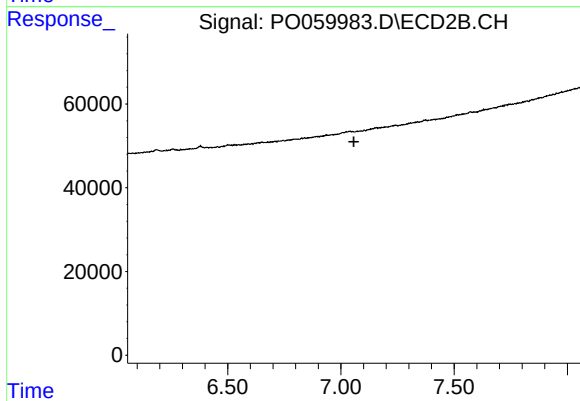
#36 AR-1262-1

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



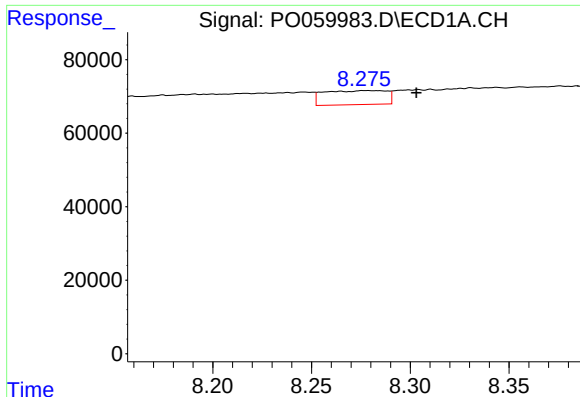
#37 AR-1262-2

R.T.: 8.010 min
Delta R.T.: -0.013 min
Response: 121788
Conc: 15.78 ng/ml



#37 AR-1262-2

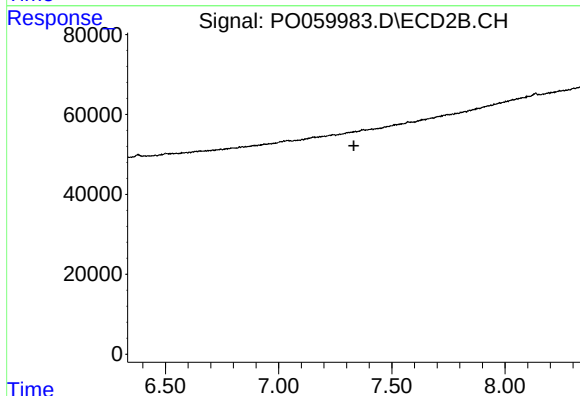
R.T.: 0.000 min
Exp R.T. : 7.057 min
Response: 0
Conc: N.D.



#38 AR-1262-3

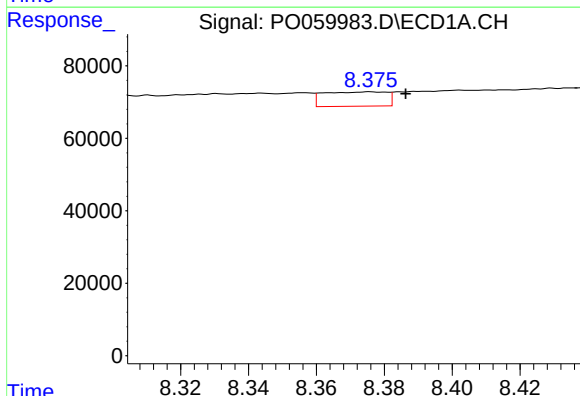
R.T.: 8.277 min
Delta R.T.: -0.026 min
Response: 83655
Conc: 16.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



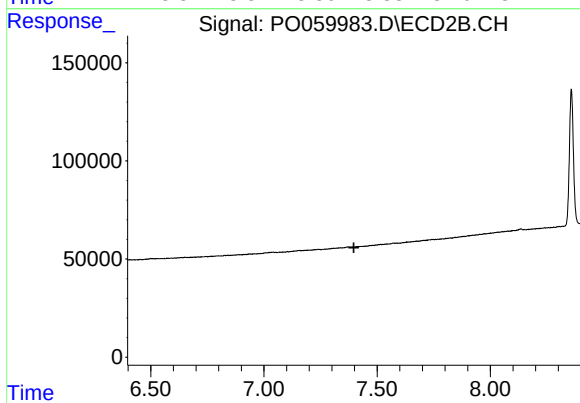
#38 AR-1262-3

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



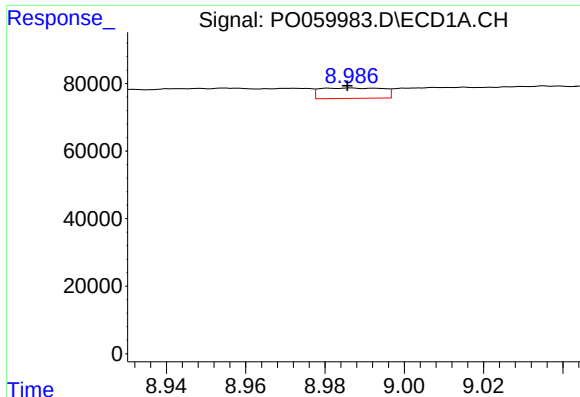
#39 AR-1262-4

R.T.: 8.376 min
Delta R.T.: -0.011 min
Response: 51248
Conc: 13.29 ng/ml



#39 AR-1262-4

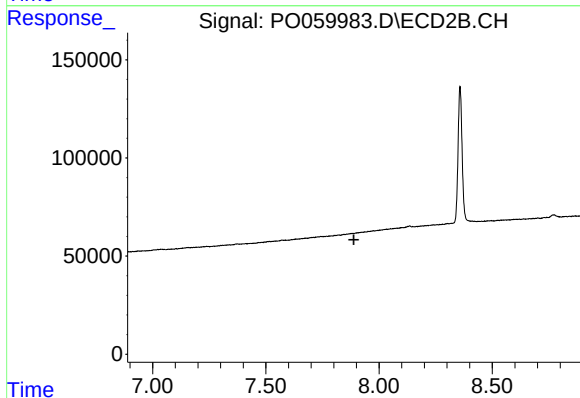
R.T.: 0.000 min
Exp R.T. : 7.398 min
Response: 0
Conc: N.D.



#40 AR-1262-5

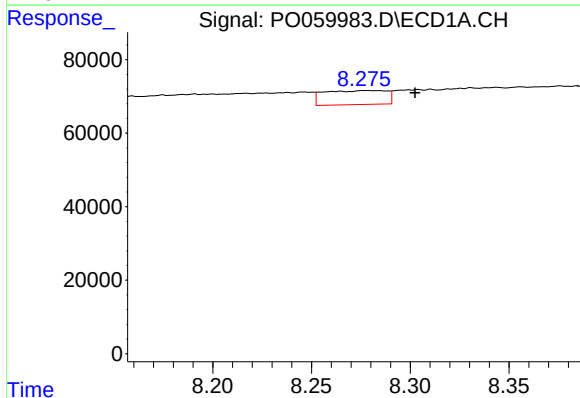
R.T.: 8.987 min
Delta R.T.: 0.000 min
Response: 33982
Conc: 13.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



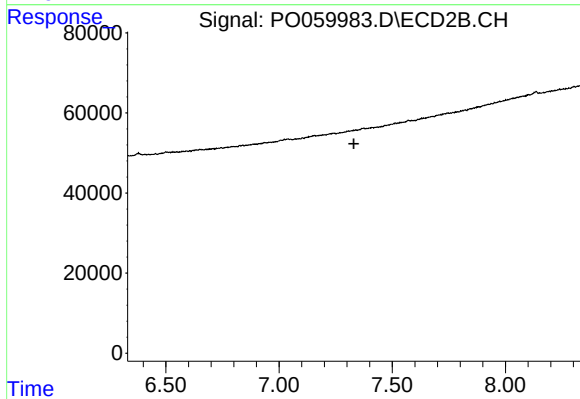
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.889 min
Response: 0
Conc: N.D.



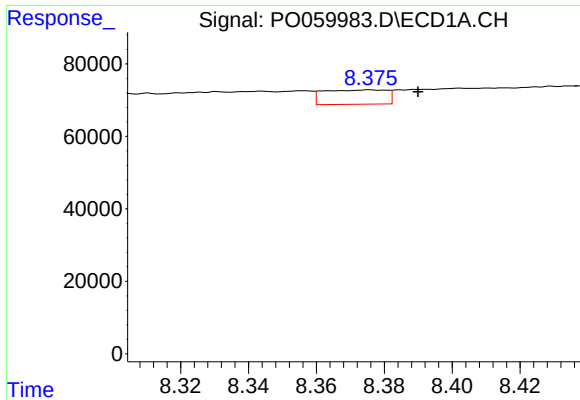
#41 AR-1268-1

R.T.: 8.277 min
Delta R.T.: -0.025 min
Response: 83655
Conc: 8.89 ng/ml



#41 AR-1268-1

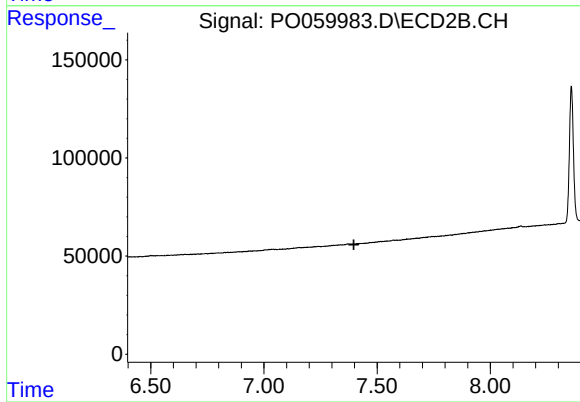
R.T.: 0.000 min
Exp R.T. : 7.330 min
Response: 0
Conc: N.D.



#42 AR-1268-2

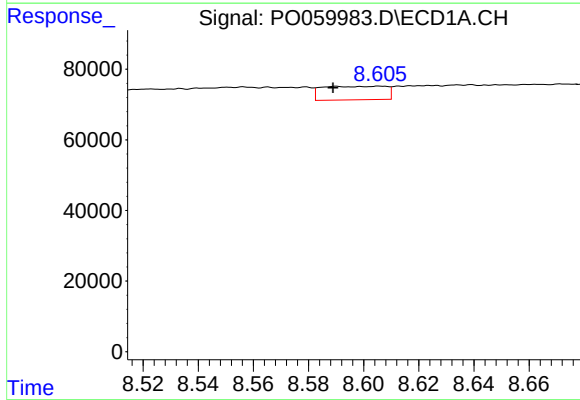
R.T.: 8.376 min
Delta R.T.: -0.014 min
Response: 51248
Conc: 6.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



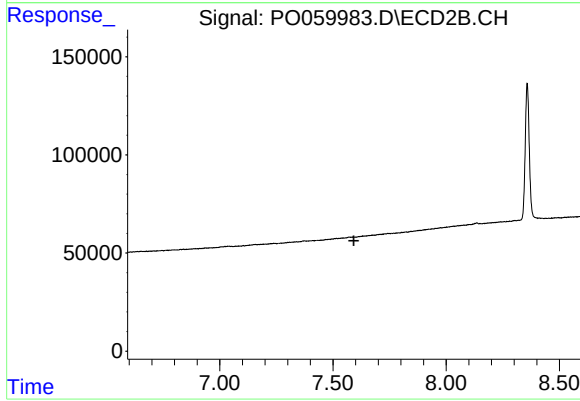
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.397 min
Response: 0
Conc: N.D.



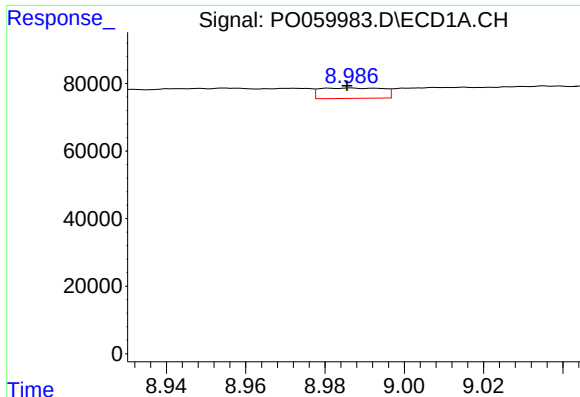
#43 AR-1268-3

R.T.: 8.606 min
Delta R.T.: 0.017 min
Response: 61501
Conc: 8.73 ng/ml



#43 AR-1268-3

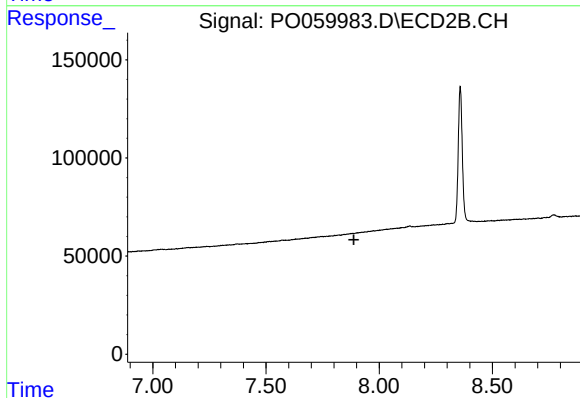
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

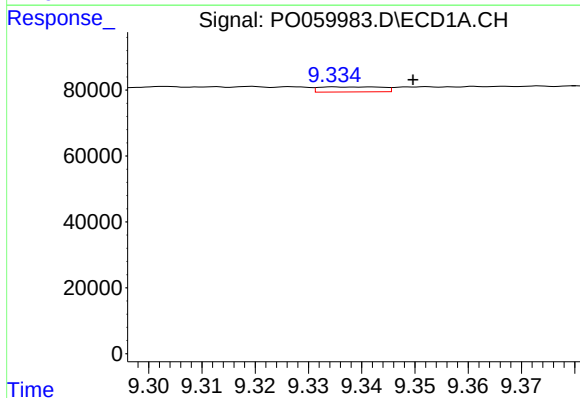
R.T.: 8.987 min
Delta R.T.: 0.001 min
Response: 33982
Conc: 12.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-D



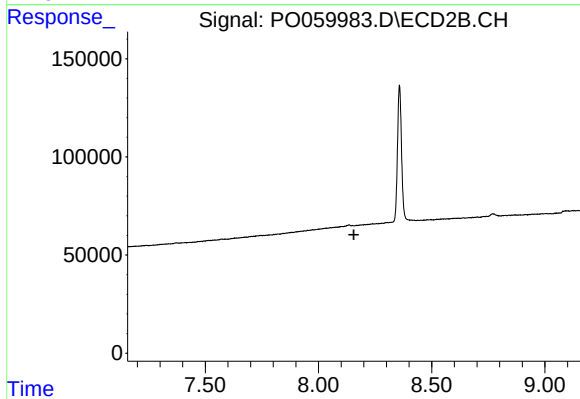
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.335 min
Delta R.T.: -0.014 min
Response: 12475
Conc: 0.68 ng/ml



#45 AR-1268-5

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