

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081319\
 Data File : P0059259.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2019 19:22
 Operator : SM/SJ
 Sample : K4321-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SP-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 01:43:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.146	3.510	625722	594075	14.827	14.870
2)	SA Decachlor...	9.646	8.387	960062	668408	17.728	16.933
Target Compounds							
3)	L1 AR-1016-1	5.322	0.000	696	0	0.371	N.D. #
4)	L1 AR-1016-2	5.382	0.000	4960	0	1.803	N.D. #
5)	L1 AR-1016-3	5.419	0.000	3771	0	2.221	N.D. #
6)	L1 AR-1016-4	5.551	0.000	2291	0	1.637	N.D. #
8)	L2 AR-1221-1	4.447	0.000	7893	0	17.376	N.D. #
9)	L2 AR-1221-2	4.447	0.000	7893	0	22.894	N.D. #
10)	L2 AR-1221-3	4.598	0.000	5499	0	5.015	N.D. #
11)	L3 AR-1232-1	4.598	0.000	5499	0	6.091	N.D. #
12)	L3 AR-1232-2	5.063	0.000	945	0	1.920	N.D. #
13)	L3 AR-1232-3	5.382	0.000	4960	0	4.633	N.D. #
14)	L3 AR-1232-4	5.551	0.000	2291	0	4.297	N.D. #
15)	L3 AR-1232-5	5.613	0.000	4882	0	11.964	N.D. #
16)	L4 AR-1242-1	5.322	0.000	696	0	0.543	N.D. #
17)	L4 AR-1242-2	5.382	0.000	4960	0	2.622	N.D. #
18)	L4 AR-1242-3	5.419	0.000	3771	0	3.214	N.D. #
19)	L4 AR-1242-4	5.551	0.000	2291	0	2.384	N.D. #
20)	L4 AR-1242-5	6.227	0.000	5070	0	4.316	N.D. #
21)	L5 AR-1248-1	5.322	0.000	696	0	0.688	N.D. #
22)	L5 AR-1248-2	5.613	0.000	4882	0	3.377	N.D. #
24)	L5 AR-1248-4	6.183	0.000	2057	0	1.016	N.D. #
25)	L5 AR-1248-5	6.227	0.000	5070	0	2.626	N.D. #
26)	L6 AR-1254-1	6.183	0.000	2057	0	0.871	N.D. #
27)	L6 AR-1254-2	6.361	5.516	87552	62446	22.717	27.276
28)	L6 AR-1254-3	6.737	5.908	65274	59033	16.118	16.044
29)	L6 AR-1254-4	7.045	0.000	13850	0	3.847	N.D. #
30)	L6 AR-1254-5	7.450	6.524	85710	71349	23.646	20.683
31)	L7 AR-1260-1	6.887	0.000	9991	0	3.470	N.D. #
32)	L7 AR-1260-2	7.181	6.277	2040	178796	0.490	59.022 #
33)	L7 AR-1260-3	7.501	0.000	5382	0	1.445	N.D. #
34)	L7 AR-1260-4	7.808	0.000	44238	0	12.981	N.D. #
35)	L7 AR-1260-5	8.038	0.000	11430	0	1.554	N.D. #
36)	L8 AR-1262-1	7.501	6.524	5382	71349	1.068	19.976 #
37)	L8 AR-1262-2	8.038	0.000	11430	0	1.436	N.D. #
38)	L8 AR-1262-3	8.315	0.000	4948	0	0.973	N.D. #
39)	L8 AR-1262-4	8.397	0.000	30120	0	7.948	N.D. #
40)	L8 AR-1262-5	9.016	0.000	3616	0	1.574	N.D. #
41)	L9 AR-1268-1	8.315	0.000	4948	0	0.443	N.D. #
42)	L9 AR-1268-2	8.434	0.000	12541	0	1.335	N.D. #
43)	L9 AR-1268-3	8.598	0.000	87806	0	10.631	N.D. #
44)	L9 AR-1268-4	9.016	0.000	3616	0	1.210	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081319\
Data File : P0059259.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2019 19:22
Operator : SM/SJ
Sample : K4321-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SP-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 01:43:48 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 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	
45) L9	AR-1268-5	9.357	0.000	35836	0	1.669	N.D.	#

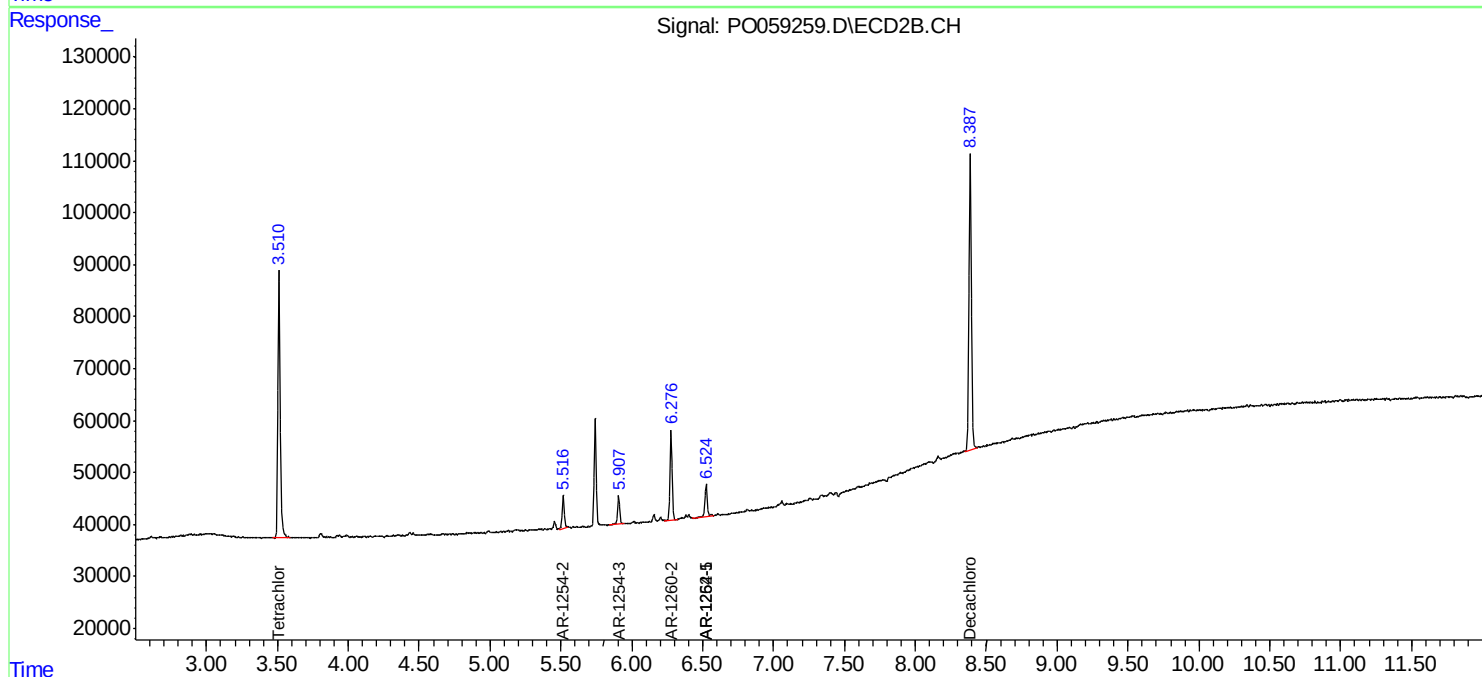
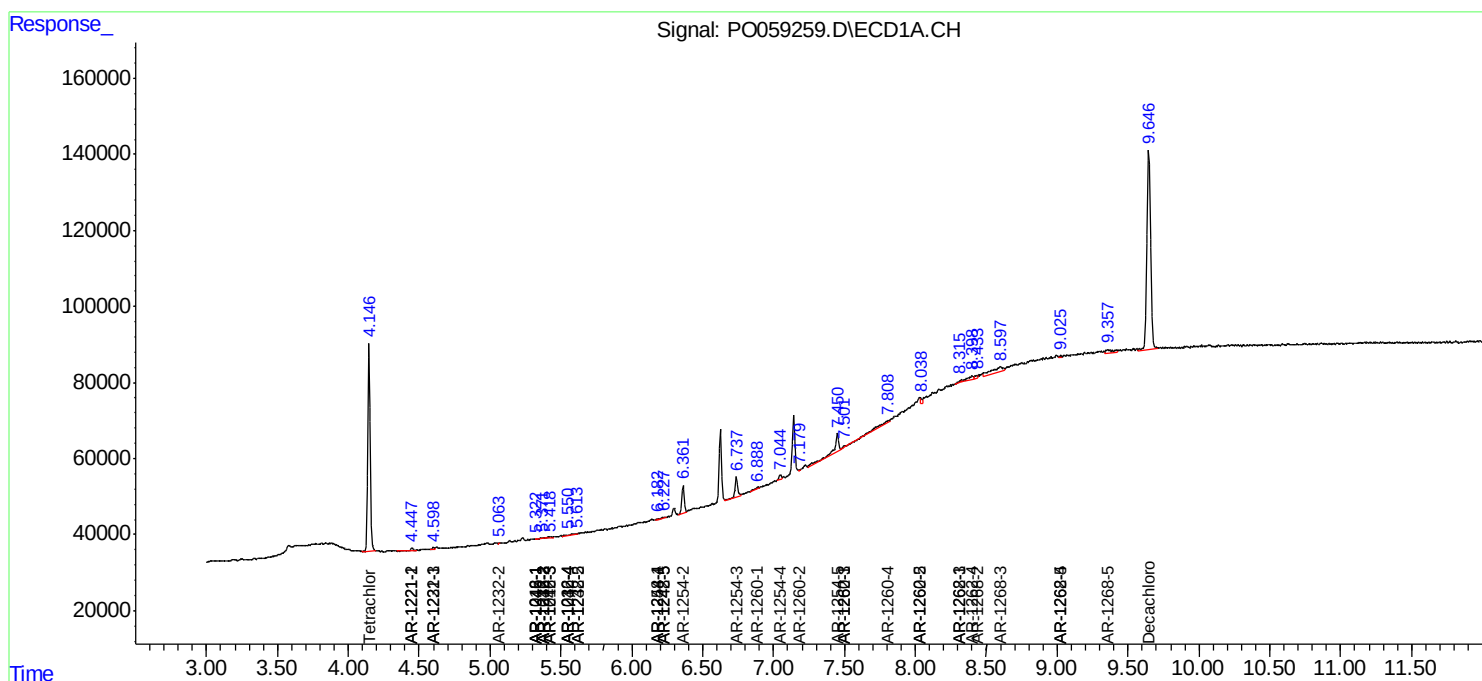
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

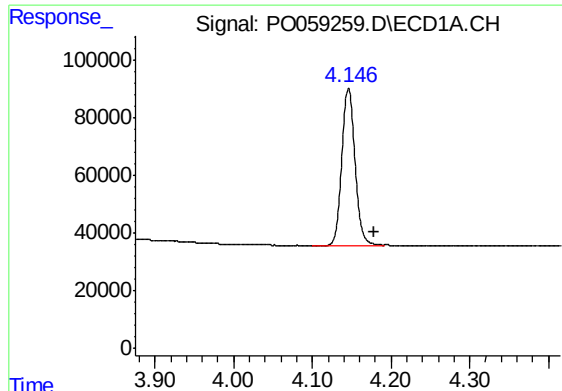
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081319\
Data File : PO059259.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2019 19:22
Operator : SM/SJ
Sample : K4321-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
SP-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 01:43:48 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 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

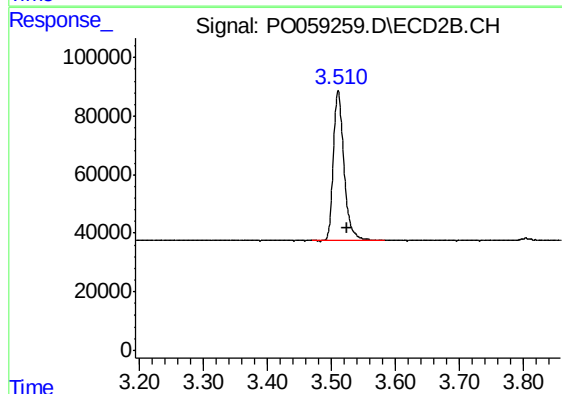




#1 Tetrachloro-m-xylene

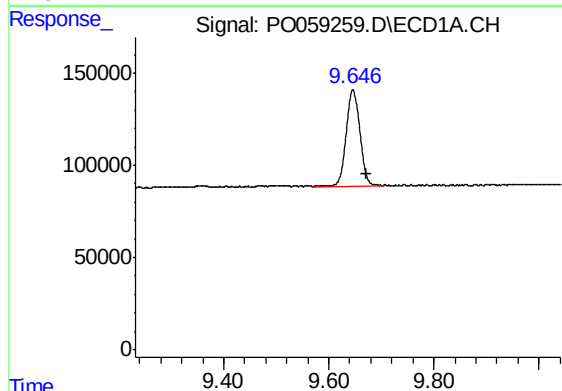
R.T.: 4.146 min
Delta R.T.: -0.033 min
Response: 625722
Conc: 14.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



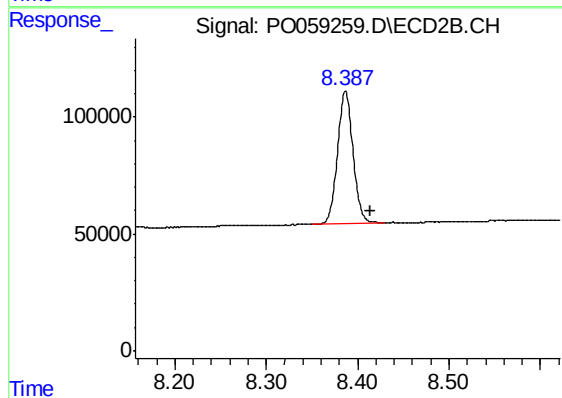
#1 Tetrachloro-m-xylene

R.T.: 3.510 min
Delta R.T.: -0.014 min
Response: 594075
Conc: 14.87 ng/ml



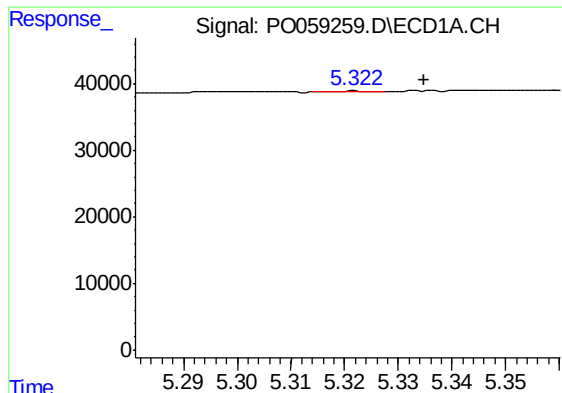
#2 Decachlorobiphenyl

R.T.: 9.646 min
Delta R.T.: -0.027 min
Response: 960062
Conc: 17.73 ng/ml



#2 Decachlorobiphenyl

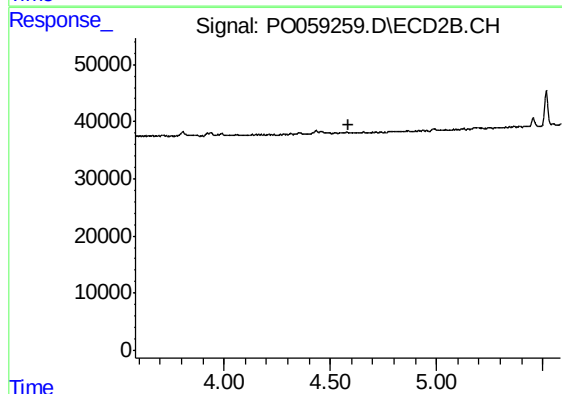
R.T.: 8.387 min
Delta R.T.: -0.027 min
Response: 668408
Conc: 16.93 ng/ml



#3 AR-1016-1

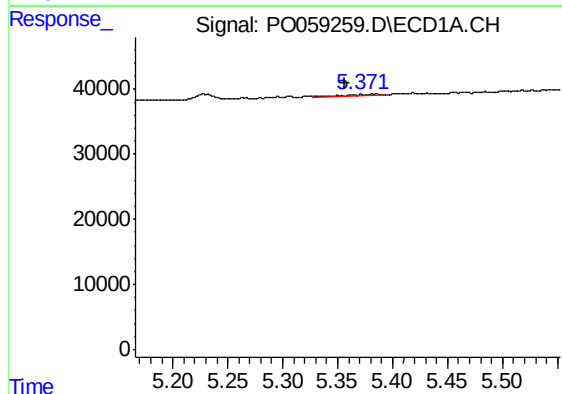
R.T.: 5.322 min
Delta R.T.: -0.012 min
Response: 696
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



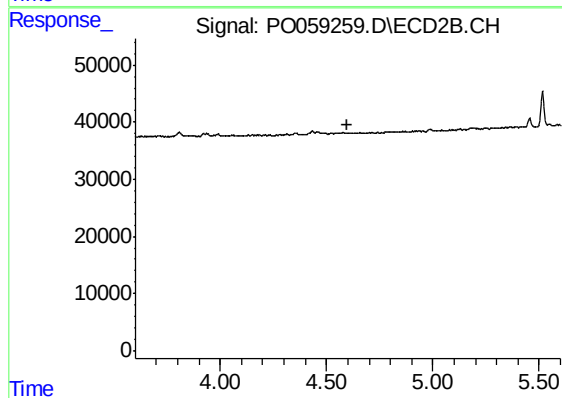
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



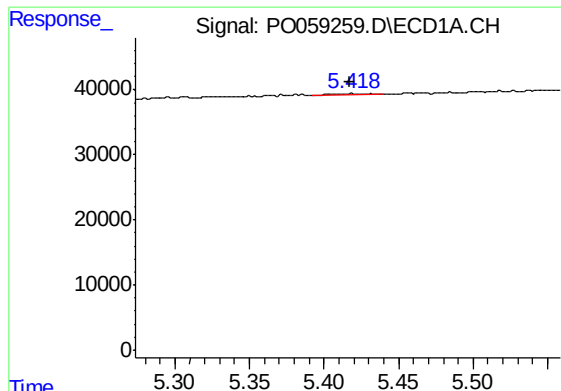
#4 AR-1016-2

R.T.: 5.382 min
Delta R.T.: 0.025 min
Response: 4960
Conc: 1.80 ng/ml



#4 AR-1016-2

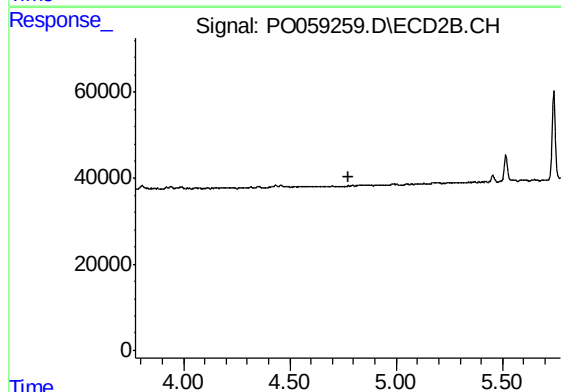
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

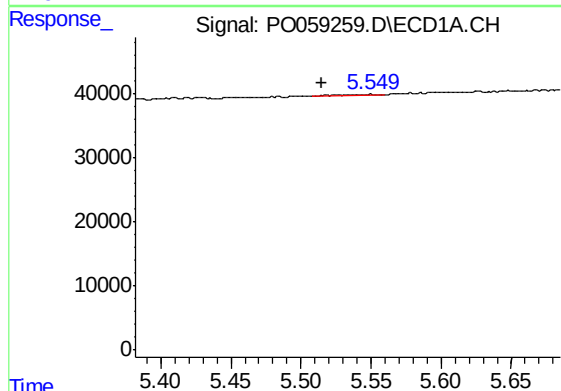
R.T.: 5.419 min
Delta R.T.: 0.002 min
Response: 3771
Conc: 2.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



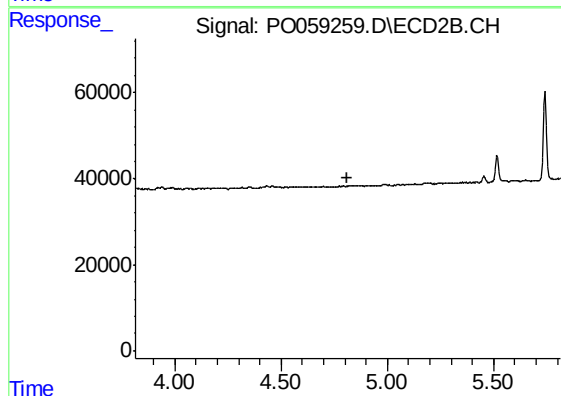
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



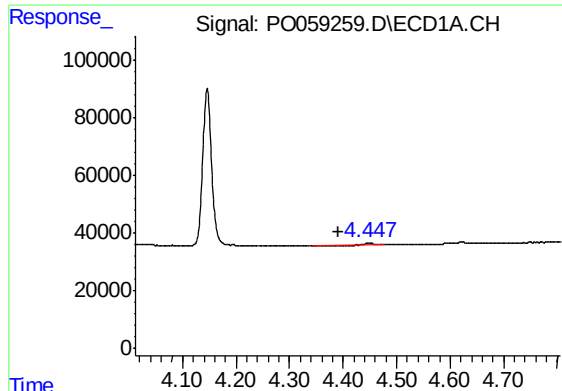
#6 AR-1016-4

R.T.: 5.551 min
Delta R.T.: 0.036 min
Response: 2291
Conc: 1.64 ng/ml



#6 AR-1016-4

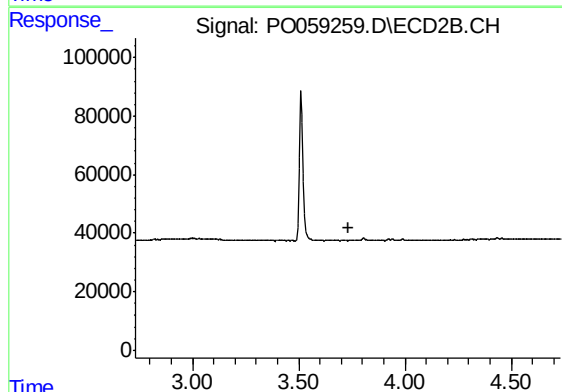
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#8 AR-1221-1

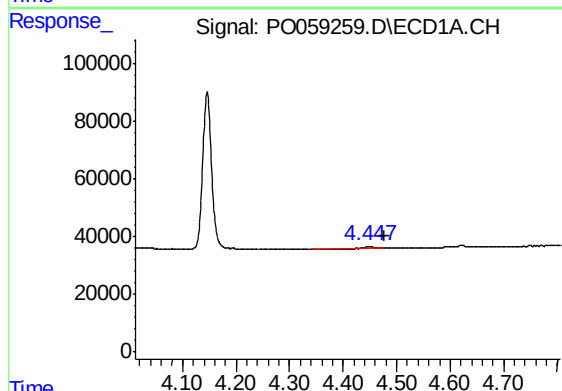
R.T.: 4.447 min
Delta R.T.: 0.056 min
Response: 7893
Conc: 17.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



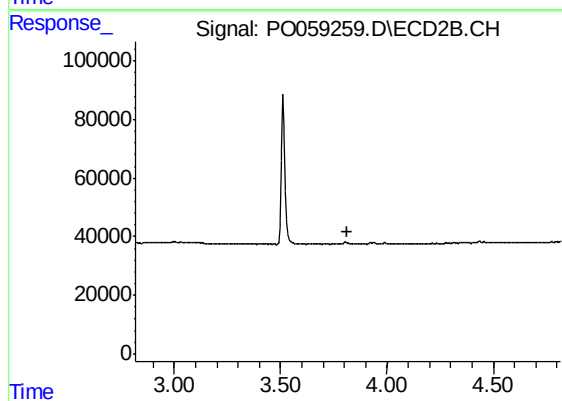
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



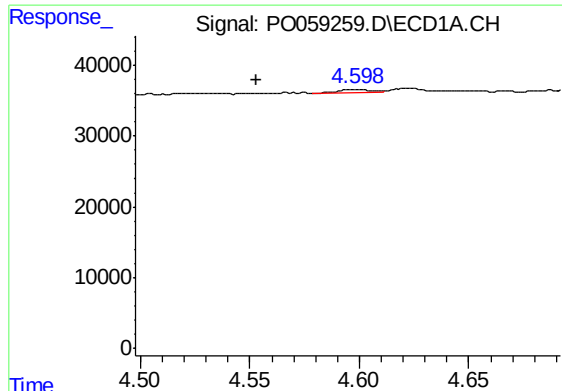
#9 AR-1221-2

R.T.: 4.447 min
Delta R.T.: -0.030 min
Response: 7893
Conc: 22.89 ng/ml



#9 AR-1221-2

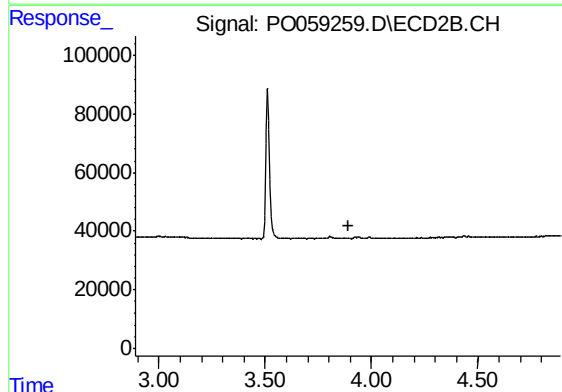
R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



#10 AR-1221-3

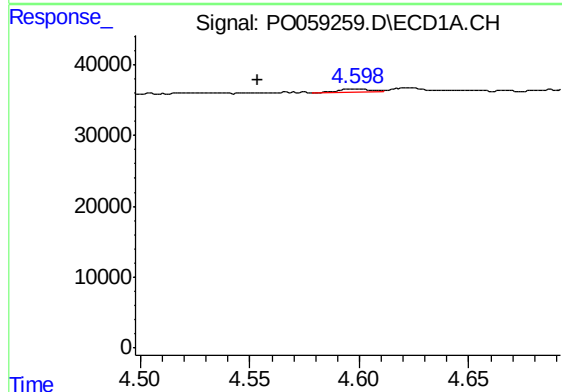
R.T.: 4.598 min
Delta R.T.: 0.045 min
Response: 5499
Conc: 5.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



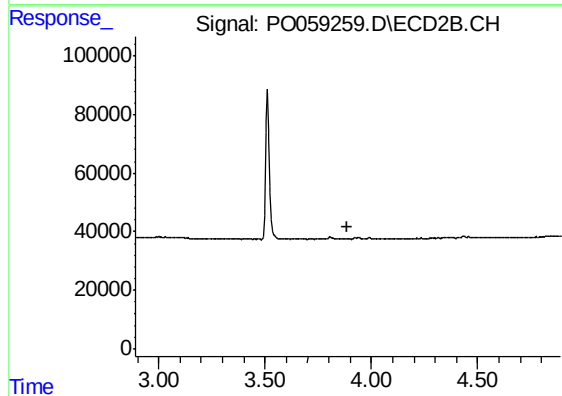
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



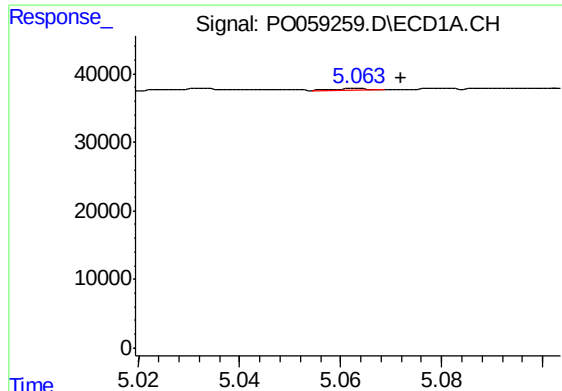
#11 AR-1232-1

R.T.: 4.598 min
Delta R.T.: 0.044 min
Response: 5499
Conc: 6.09 ng/ml



#11 AR-1232-1

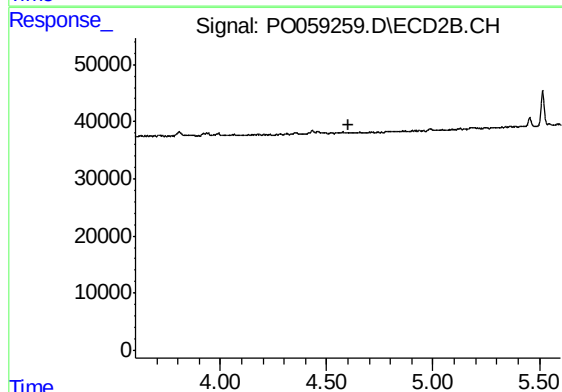
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#12 AR-1232-2

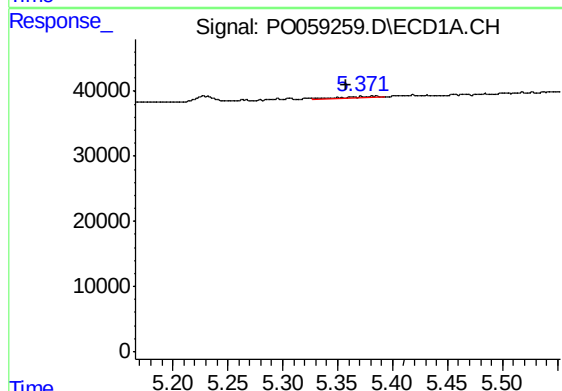
R.T.: 5.063 min
Delta R.T.: -0.009 min
Response: 945
Conc: 1.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



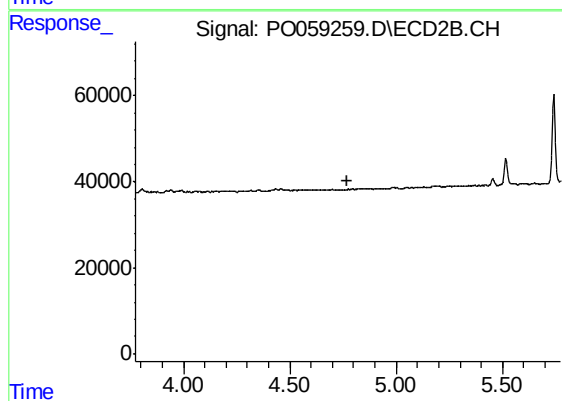
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



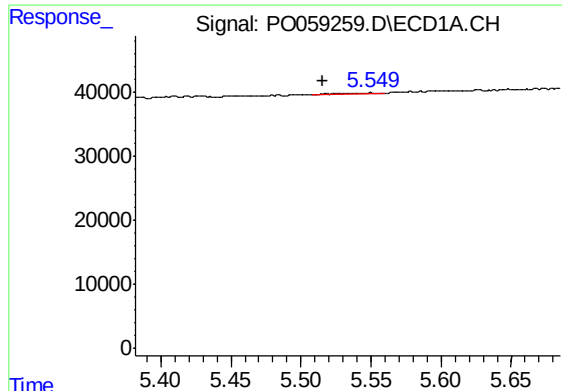
#13 AR-1232-3

R.T.: 5.382 min
Delta R.T.: 0.025 min
Response: 4960
Conc: 4.63 ng/ml



#13 AR-1232-3

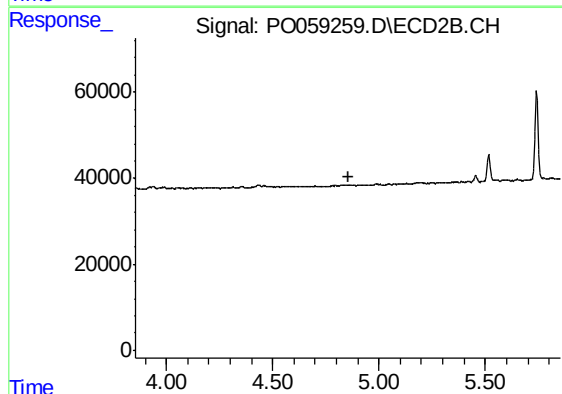
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#14 AR-1232-4

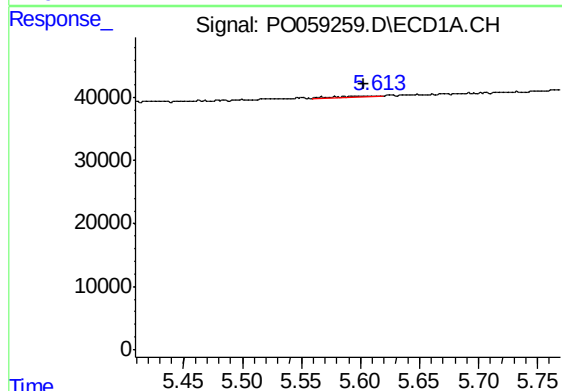
R.T.: 5.551 min
Delta R.T.: 0.035 min
Response: 2291
Conc: 4.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



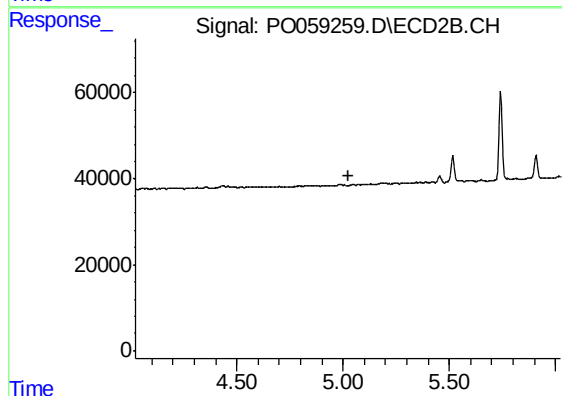
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



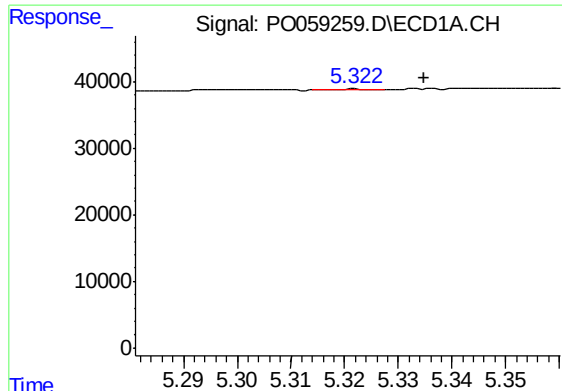
#15 AR-1232-5

R.T.: 5.613 min
Delta R.T.: 0.010 min
Response: 4882
Conc: 11.96 ng/ml



#15 AR-1232-5

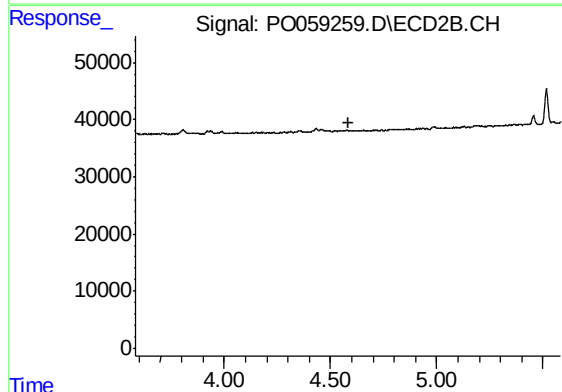
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#16 AR-1242-1

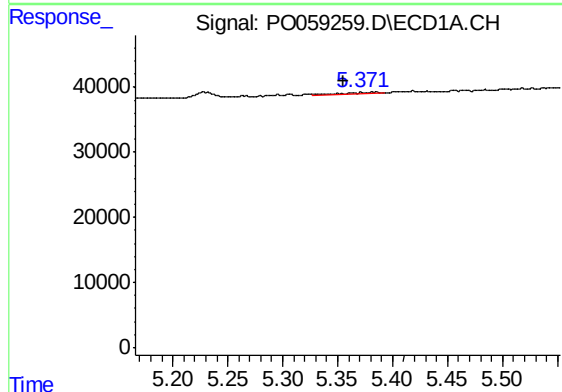
R.T.: 5.322 min
Delta R.T.: -0.012 min
Response: 696
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



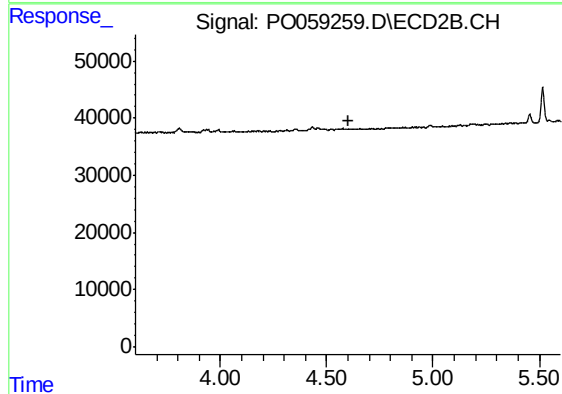
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



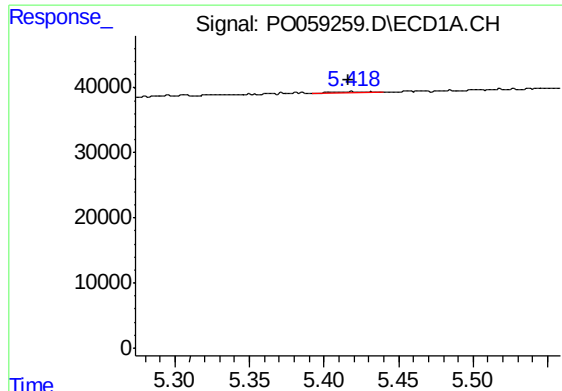
#17 AR-1242-2

R.T.: 5.382 min
Delta R.T.: 0.026 min
Response: 4960
Conc: 2.62 ng/ml



#17 AR-1242-2

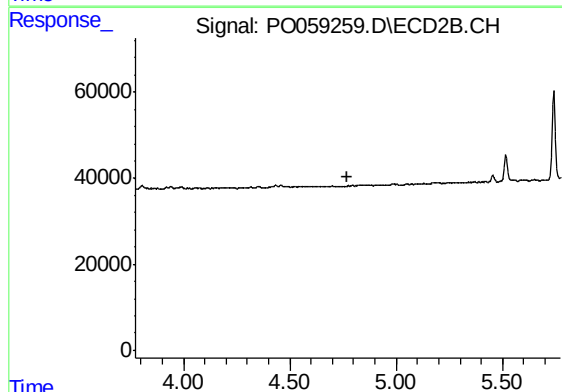
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#18 AR-1242-3

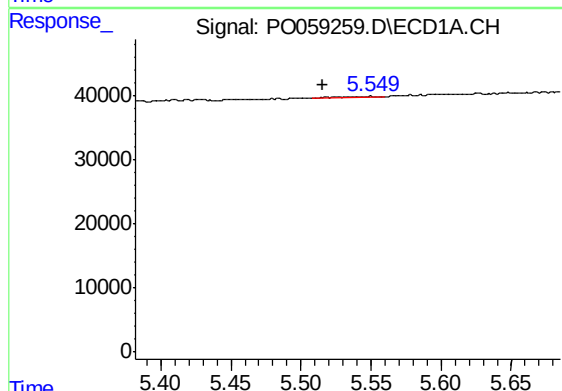
R.T.: 5.419 min
Delta R.T.: 0.002 min
Response: 3771
Conc: 3.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



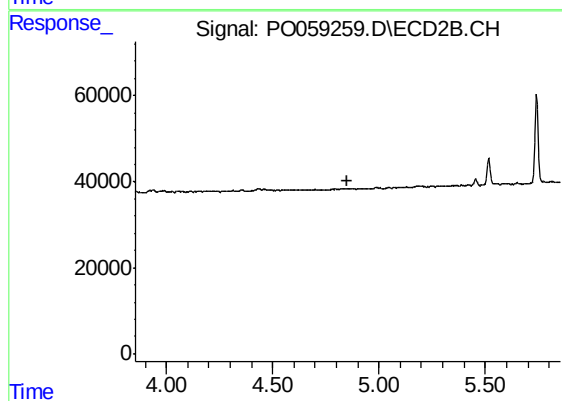
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



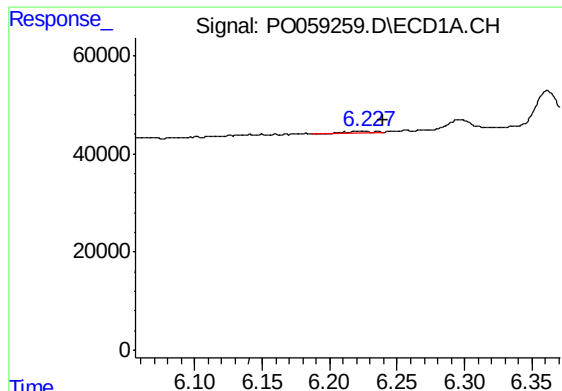
#19 AR-1242-4

R.T.: 5.551 min
Delta R.T.: 0.035 min
Response: 2291
Conc: 2.38 ng/ml



#19 AR-1242-4

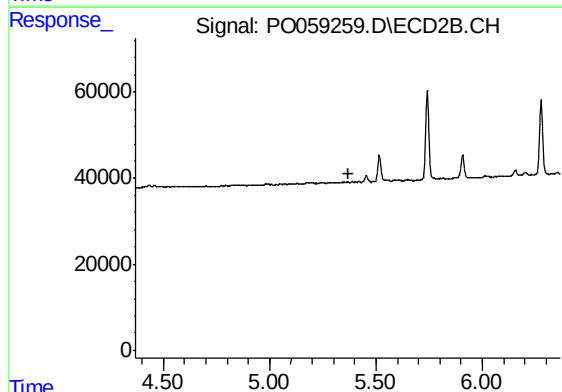
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#20 AR-1242-5

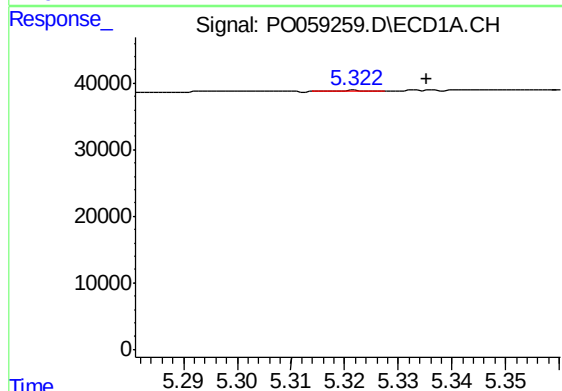
R.T.: 6.227 min
Delta R.T.: -0.013 min
Response: 5070
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



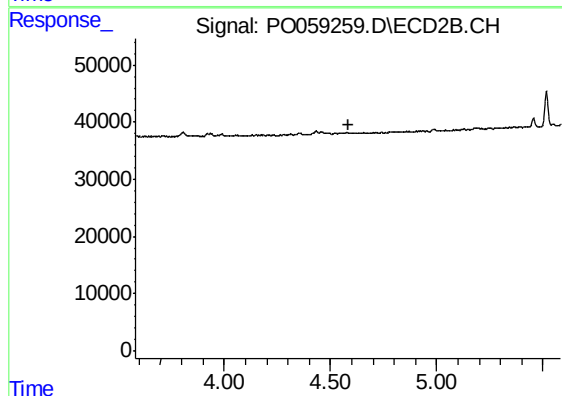
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



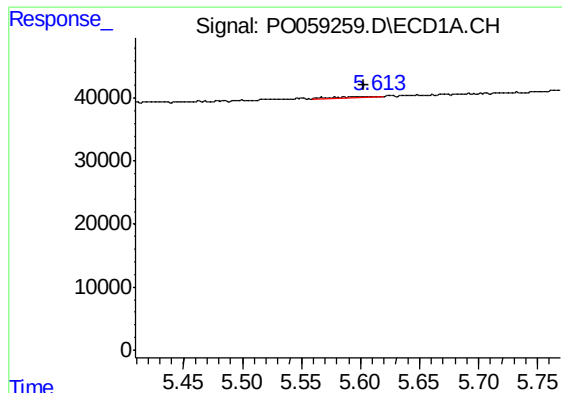
#21 AR-1248-1

R.T.: 5.322 min
Delta R.T.: -0.013 min
Response: 696
Conc: 0.69 ng/ml



#21 AR-1248-1

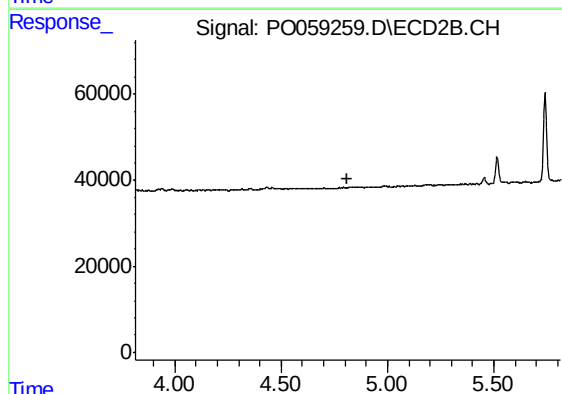
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#22 AR-1248-2

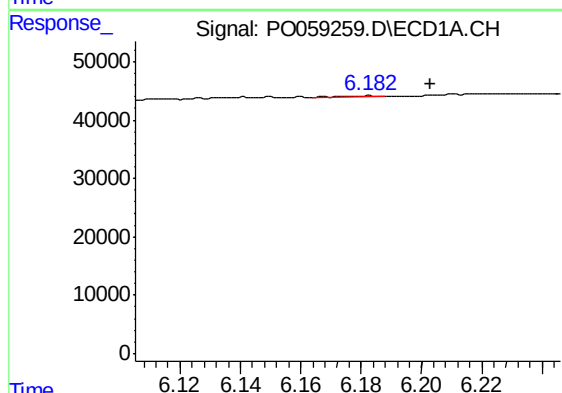
R.T.: 5.613 min
Delta R.T.: 0.011 min
Response: 4882
Conc: 3.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



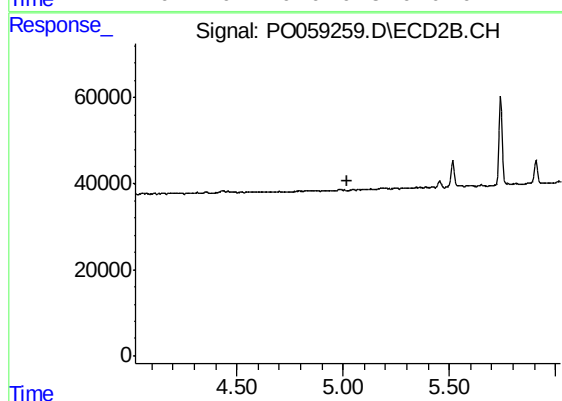
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



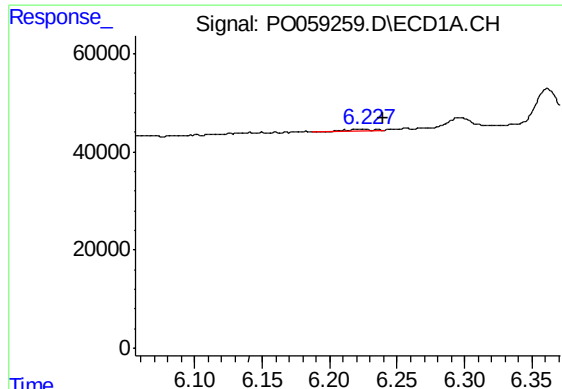
#24 AR-1248-4

R.T.: 6.183 min
Delta R.T.: -0.020 min
Response: 2057
Conc: 1.02 ng/ml



#24 AR-1248-4

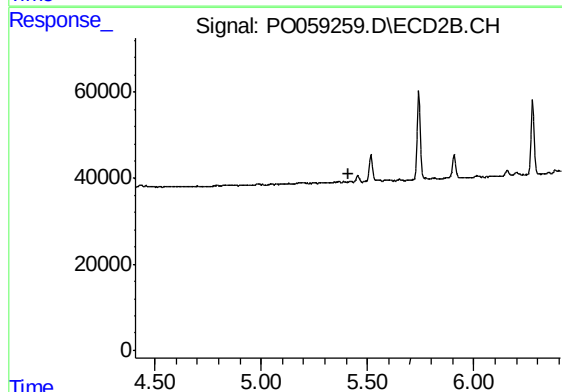
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

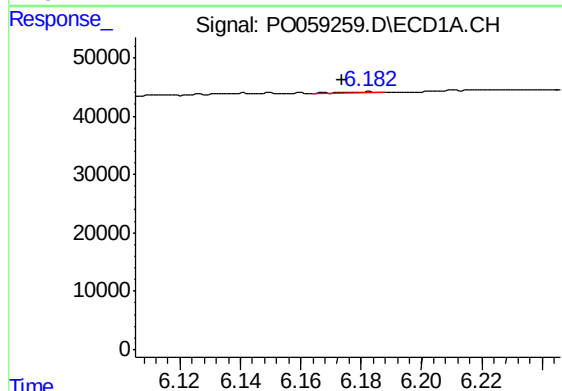
R.T.: 6.227 min
Delta R.T.: -0.013 min
Response: 5070
Conc: 2.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



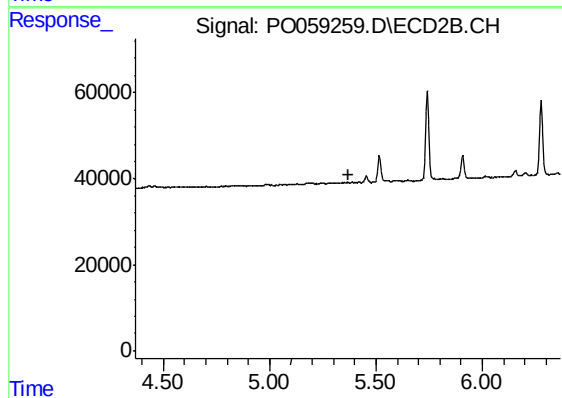
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



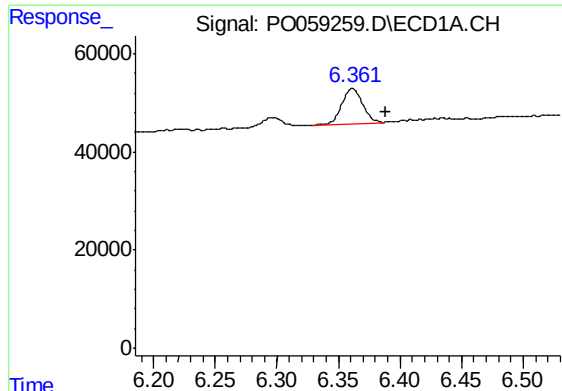
#26 AR-1254-1

R.T.: 6.183 min
Delta R.T.: 0.009 min
Response: 2057
Conc: 0.87 ng/ml



#26 AR-1254-1

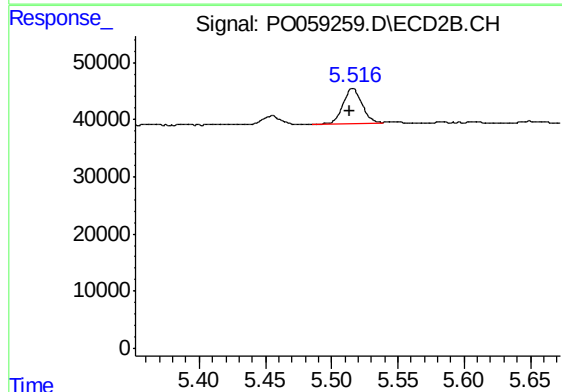
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

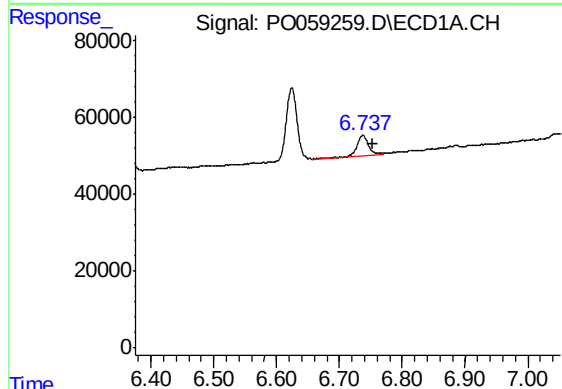
R.T.: 6.361 min
Delta R.T.: -0.027 min
Response: 87552
Conc: 22.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



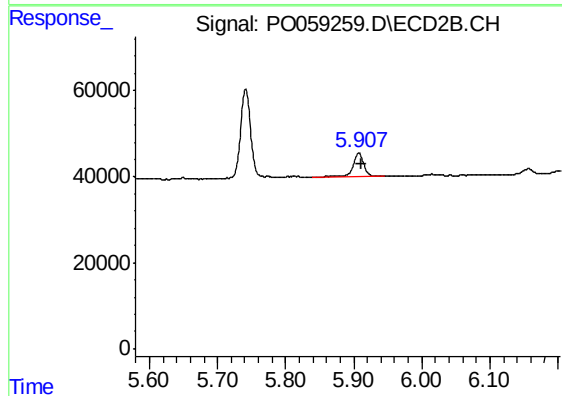
#27 AR-1254-2

R.T.: 5.516 min
Delta R.T.: 0.002 min
Response: 62446
Conc: 27.28 ng/ml



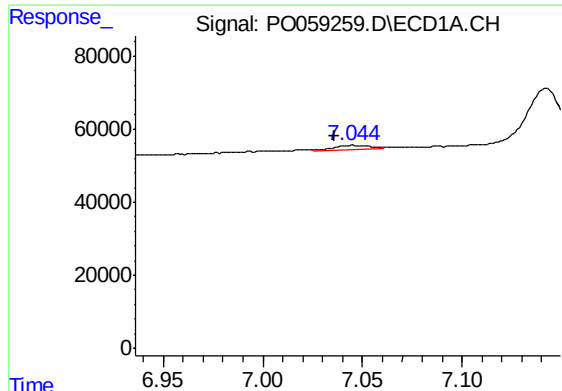
#28 AR-1254-3

R.T.: 6.737 min
Delta R.T.: -0.016 min
Response: 65274
Conc: 16.12 ng/ml



#28 AR-1254-3

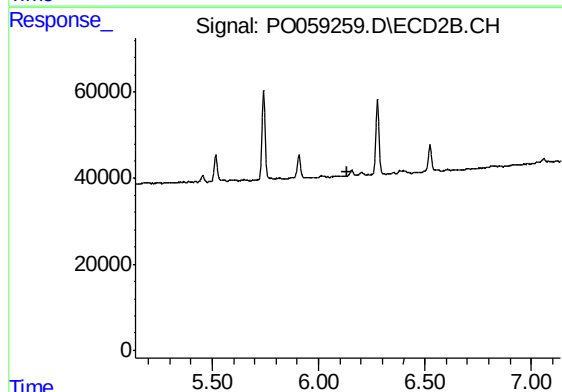
R.T.: 5.908 min
Delta R.T.: -0.003 min
Response: 59033
Conc: 16.04 ng/ml



#29 AR-1254-4

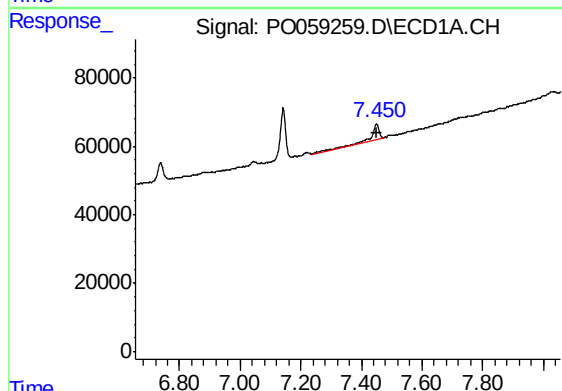
R.T.: 7.045 min
Delta R.T.: 0.009 min
Response: 13850
Conc: 3.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



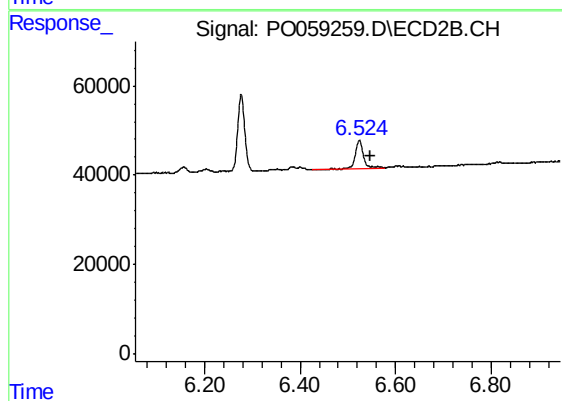
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.



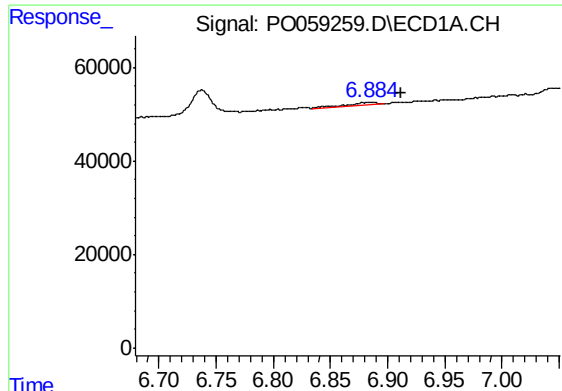
#30 AR-1254-5

R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 85710
Conc: 23.65 ng/ml



#30 AR-1254-5

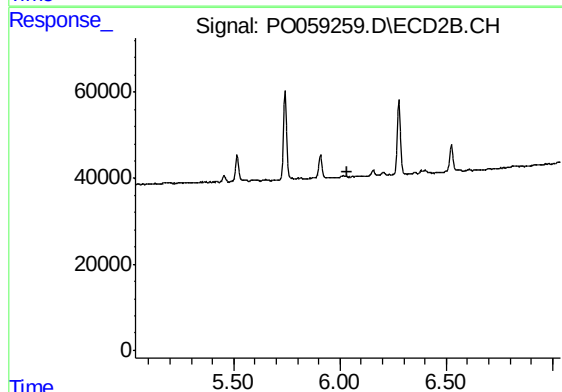
R.T.: 6.524 min
Delta R.T.: -0.024 min
Response: 71349
Conc: 20.68 ng/ml



#31 AR-1260-1

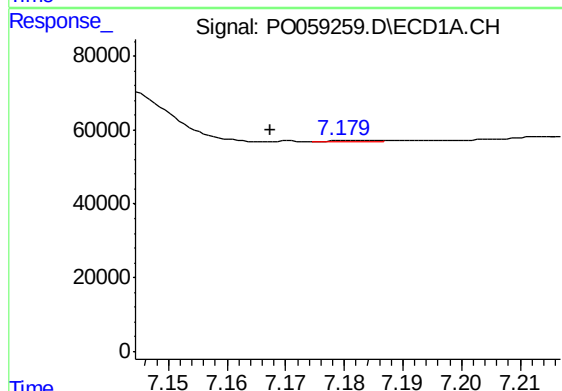
R.T.: 6.887 min
Delta R.T.: -0.025 min
Response: 9991
Conc: 3.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



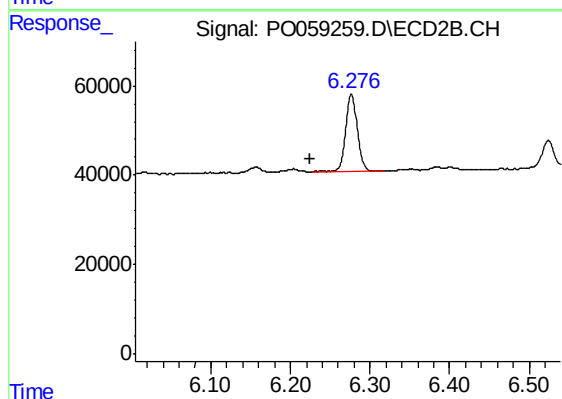
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



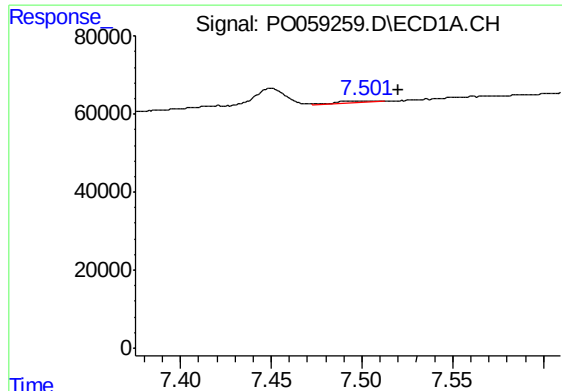
#32 AR-1260-2

R.T.: 7.181 min
Delta R.T.: 0.013 min
Response: 2040
Conc: 0.49 ng/ml



#32 AR-1260-2

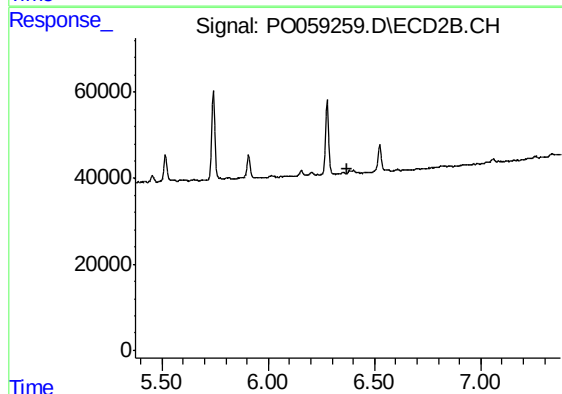
R.T.: 6.277 min
Delta R.T.: 0.052 min
Response: 178796
Conc: 59.02 ng/ml



#33 AR-1260-3

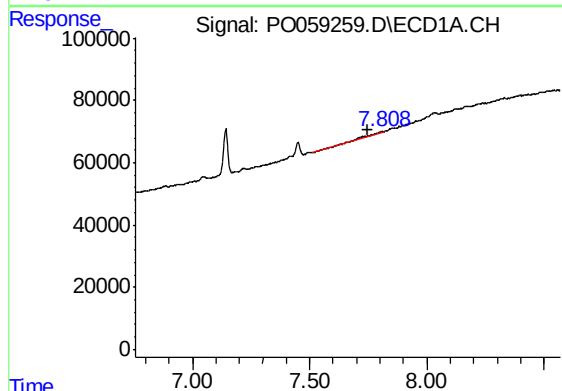
R.T.: 7.501 min
Delta R.T.: -0.020 min
Response: 5382
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



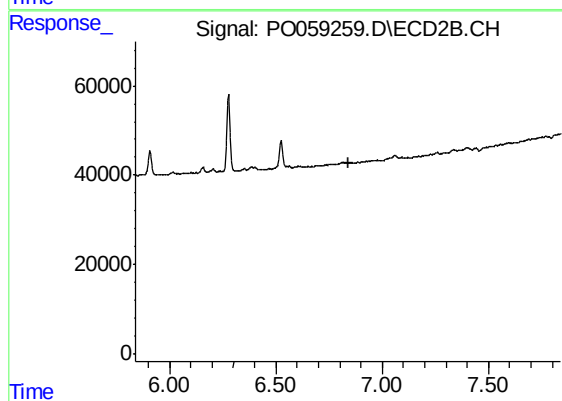
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



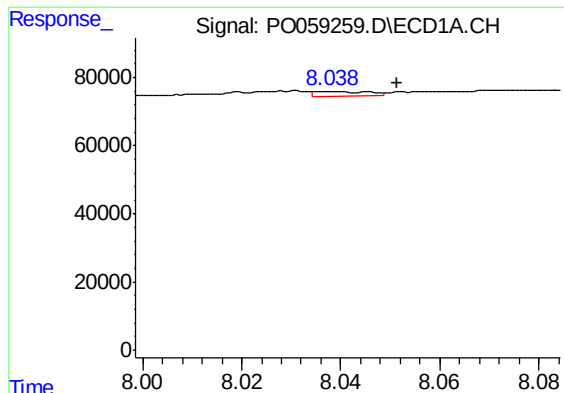
#34 AR-1260-4

R.T.: 7.808 min
Delta R.T.: 0.061 min
Response: 44238
Conc: 12.98 ng/ml



#34 AR-1260-4

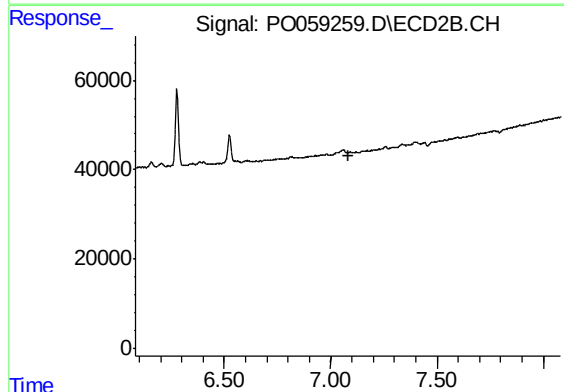
R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#35 AR-1260-5

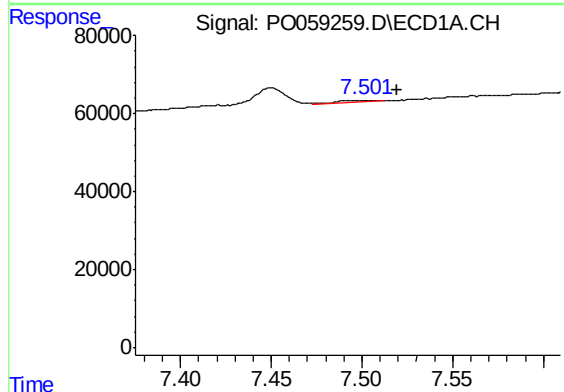
R.T.: 8.038 min
Delta R.T.: -0.013 min
Response: 11430
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



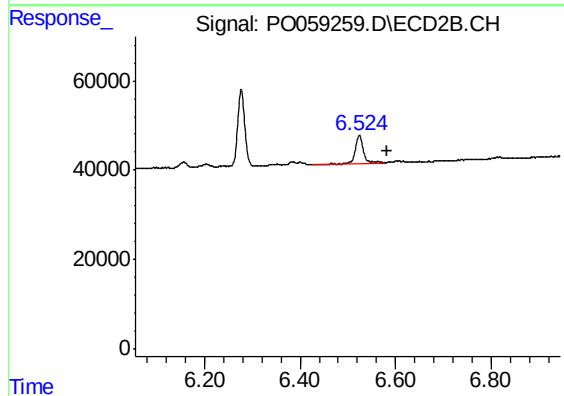
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



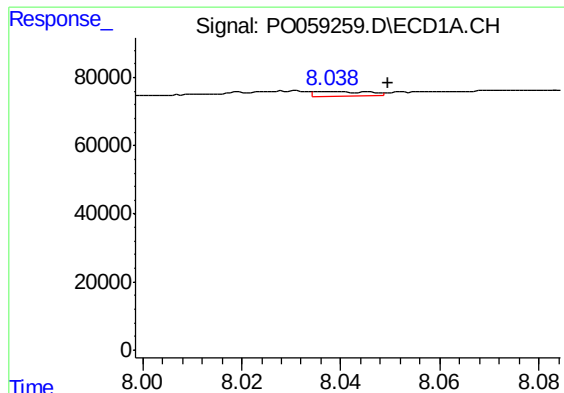
#36 AR-1262-1

R.T.: 7.501 min
Delta R.T.: -0.019 min
Response: 5382
Conc: 1.07 ng/ml



#36 AR-1262-1

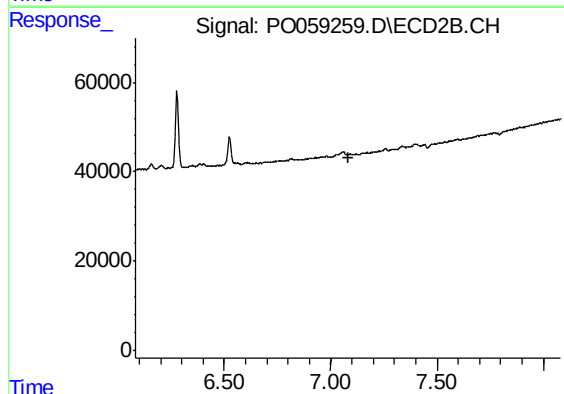
R.T.: 6.524 min
Delta R.T.: -0.058 min
Response: 71349
Conc: 19.98 ng/ml



#37 AR-1262-2

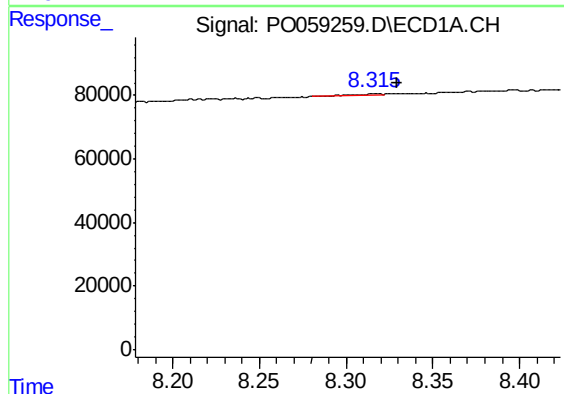
R.T.: 8.038 min
Delta R.T.: -0.012 min
Response: 11430
Conc: 1.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



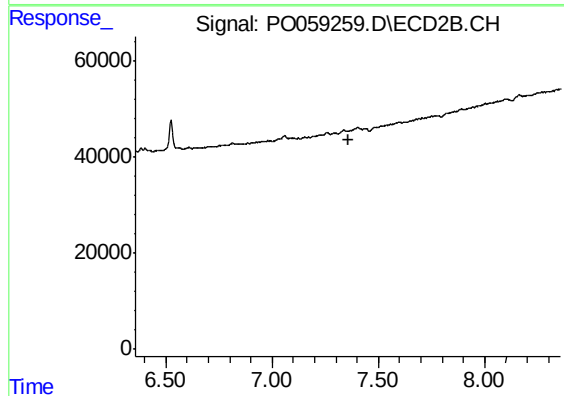
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



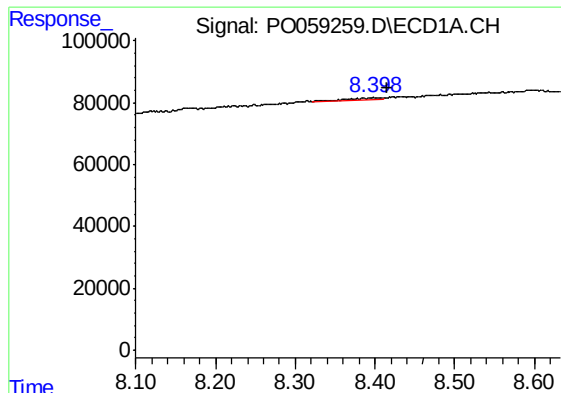
#38 AR-1262-3

R.T.: 8.315 min
Delta R.T.: -0.014 min
Response: 4948
Conc: 0.97 ng/ml



#38 AR-1262-3

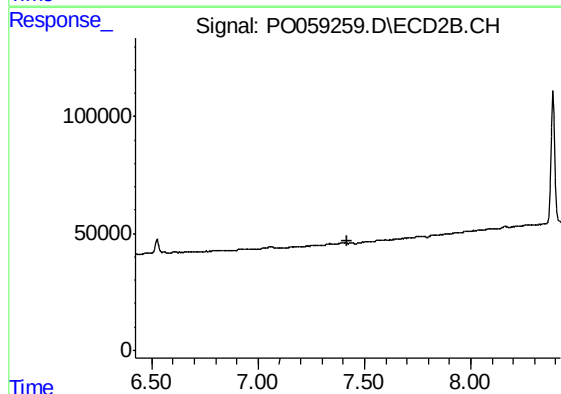
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#39 AR-1262-4

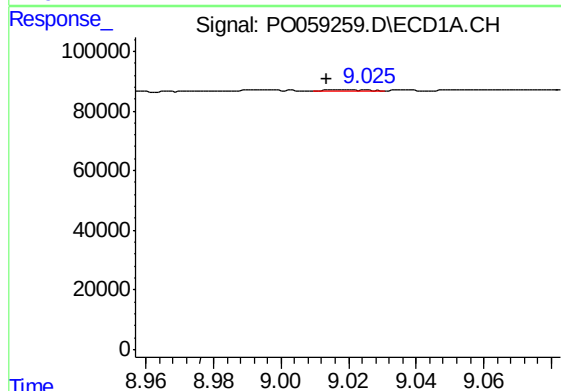
R.T.: 8.397 min
Delta R.T.: -0.018 min
Response: 30120
Conc: 7.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



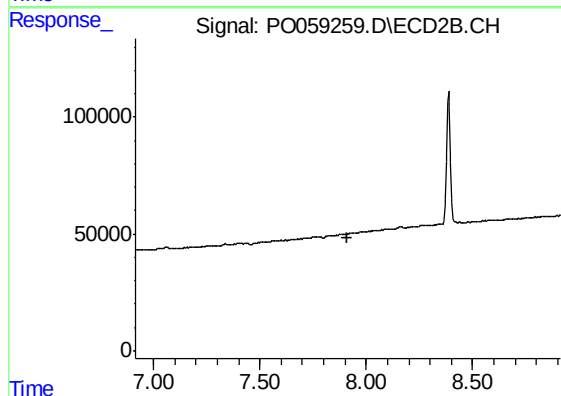
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



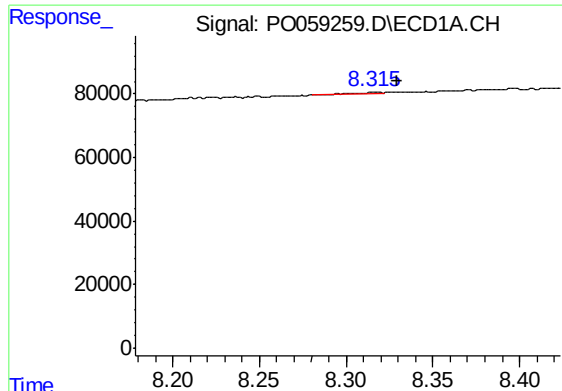
#40 AR-1262-5

R.T.: 9.016 min
Delta R.T.: 0.003 min
Response: 3616
Conc: 1.57 ng/ml



#40 AR-1262-5

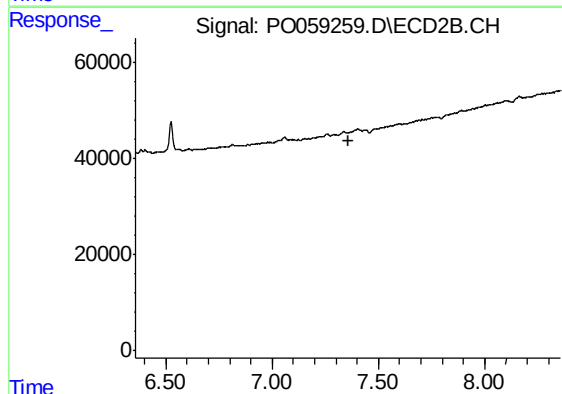
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

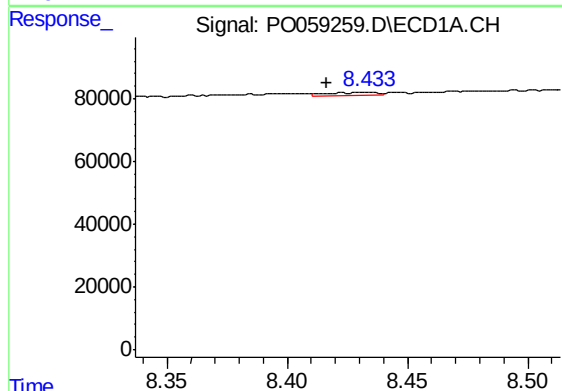
R.T.: 8.315 min
Delta R.T.: -0.014 min
Response: 4948
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



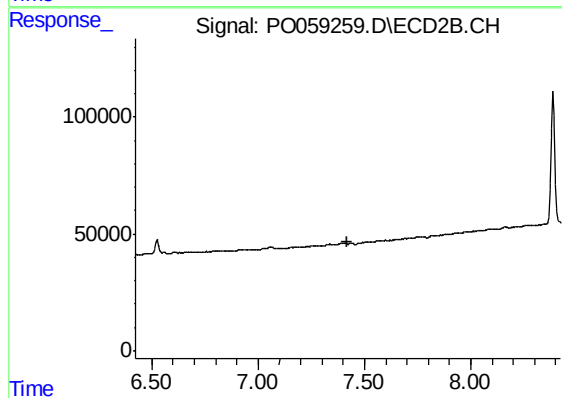
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



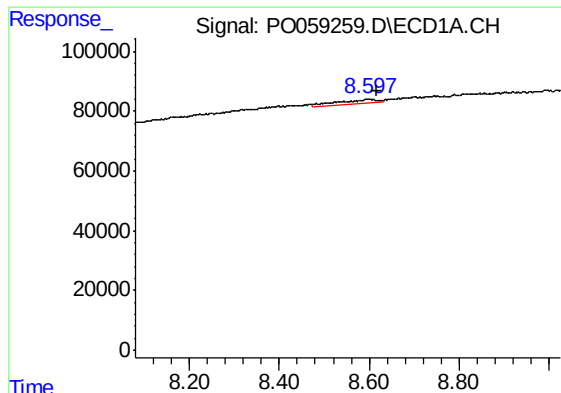
#42 AR-1268-2

R.T.: 8.434 min
Delta R.T.: 0.018 min
Response: 12541
Conc: 1.34 ng/ml



#42 AR-1268-2

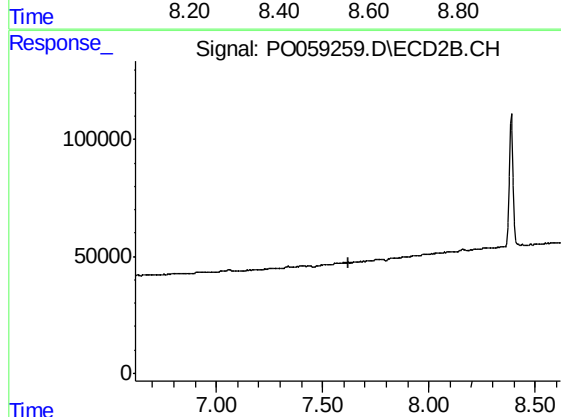
R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



#43 AR-1268-3

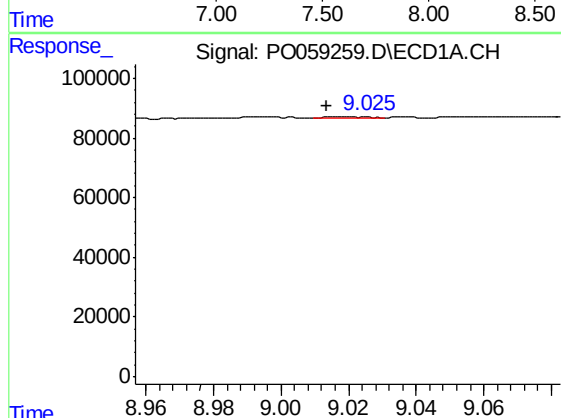
R.T.: 8.598 min
Delta R.T.: -0.019 min
Response: 87806
Conc: 10.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



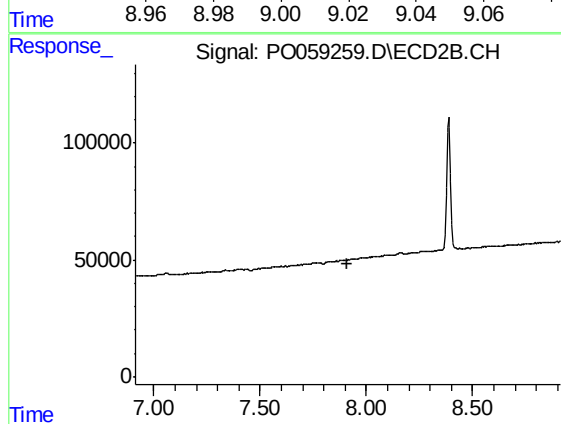
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



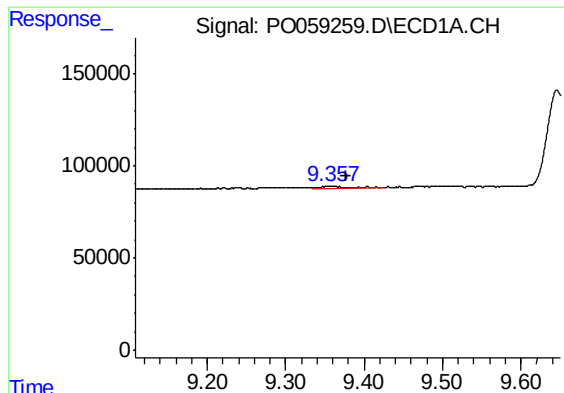
#44 AR-1268-4

R.T.: 9.016 min
Delta R.T.: 0.002 min
Response: 3616
Conc: 1.21 ng/ml



#44 AR-1268-4

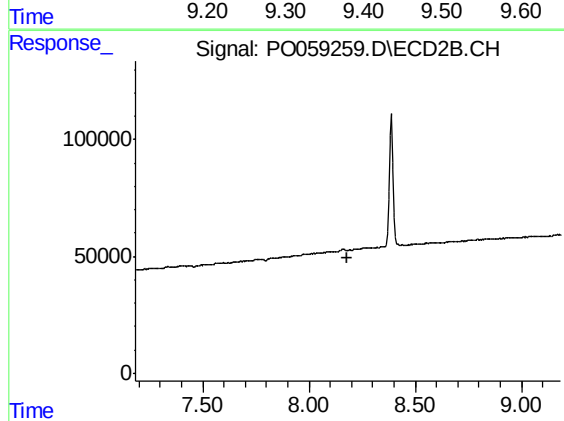
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.357 min
Delta R.T.: -0.020 min
Response: 35836
Conc: 1.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-2



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.