

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081719\
 Data File : P0059408.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Aug 2019 23:20
 Operator : SM/SJ
 Sample : K3591-07
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 03:33:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.143	3.509	836821	810716	23.901	22.523
2)	SA Decachlor...	9.632	8.381	1398680	1035976	26.291	25.693
Target Compounds							
3)	L1 AR-1016-1	5.324	0.000	6540	0	4.078	N.D. #
4)	L1 AR-1016-2	5.324	0.000	6540	0	2.734	N.D. #
5)	L1 AR-1016-3	5.396	0.000	1405	0	0.943	N.D. #
6)	L1 AR-1016-4	5.438	4.863	3209	10999	2.652	12.180 #
7)	L1 AR-1016-5	5.709	0.000	306	0	0.238	N.D. #
9)	L2 AR-1221-2	4.444	3.802	16416	12612	50.542	41.402
12)	L3 AR-1232-2	5.029	0.000	5727	0	8.108	N.D. #
13)	L3 AR-1232-3	5.324	0.000	6540	0	4.271	N.D. #
14)	L3 AR-1232-4	5.438	4.863	3209	10999	4.104	18.029 #
15)	L3 AR-1232-5	5.586	0.000	2107	0	3.505	N.D. #
16)	L4 AR-1242-1	5.324	0.000	6540	0	5.152	N.D. #
17)	L4 AR-1242-2	5.324	0.000	6540	0	3.525	N.D. #
18)	L4 AR-1242-3	5.396	0.000	1405	0	1.202	N.D. #
19)	L4 AR-1242-4	5.438	4.863	3209	10999	3.315	13.182 #
20)	L4 AR-1242-5	6.155	0.000	1584	0	1.261	N.D. #
21)	L5 AR-1248-1	5.324	0.000	6540	0	6.524	N.D. #
22)	L5 AR-1248-2	5.586	4.863	2107	10999	1.452	9.538 #
23)	L5 AR-1248-3	5.709	4.863	306	10999	0.184	9.260 #
24)	L5 AR-1248-4	6.155	0.000	1584	0	0.775	N.D. #
25)	L5 AR-1248-5	6.155	0.000	1584	0	0.799	N.D. #
26)	L6 AR-1254-1	6.143	0.000	5685	0	2.725	N.D. #
27)	L6 AR-1254-2	6.361	0.000	5232	0	1.568	N.D. #
28)	L6 AR-1254-3	6.688	5.852	4984	1968	1.405	0.585 #
29)	L6 AR-1254-4	7.006	0.000	5528	0	1.877	N.D. #
30)	L6 AR-1254-5	7.420	6.521	2813	7190	0.910	2.315 #
31)	L7 AR-1260-1	6.906	0.000	9079	0	3.368	N.D. #
32)	L7 AR-1260-2	7.138	6.195	18068	12577	4.869	4.293
33)	L7 AR-1260-3	7.484	6.344	68084	10560	20.780	3.986 #
34)	L7 AR-1260-4	7.723	6.802	89053	62444	28.995	27.599
35)	L7 AR-1260-5	8.017	7.054	51301	31280	7.245	5.684
36)	L8 AR-1262-1	7.484	6.555	68084	51329	14.029	13.770
37)	L8 AR-1262-2	8.017	7.054	51301	31280	6.649	5.321
38)	L8 AR-1262-3	8.298	7.328	299115	248385	58.623	97.752 #
39)	L8 AR-1262-4	8.385	7.395	250528	217949	64.992	49.322
40)	L8 AR-1262-5	8.980	7.887	169114	62773	65.891	34.766 #
41)	L9 AR-1268-1	8.298	7.328	299115	248385	31.785	34.881
42)	L9 AR-1268-2	8.385	7.395	250528	217949	31.782	33.801
43)	L9 AR-1268-3	8.584	7.590	272724	190903	38.691	34.890
44)	L9 AR-1268-4	8.980	7.887	169114	62773	60.831	30.751 #

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QLast Update : Sat Aug 17 03:09:44 2019
Response via : Initial Calibration
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Volume Inj. : 2 µl
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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	9.342	8.153	669201	445428	36.287	30.657

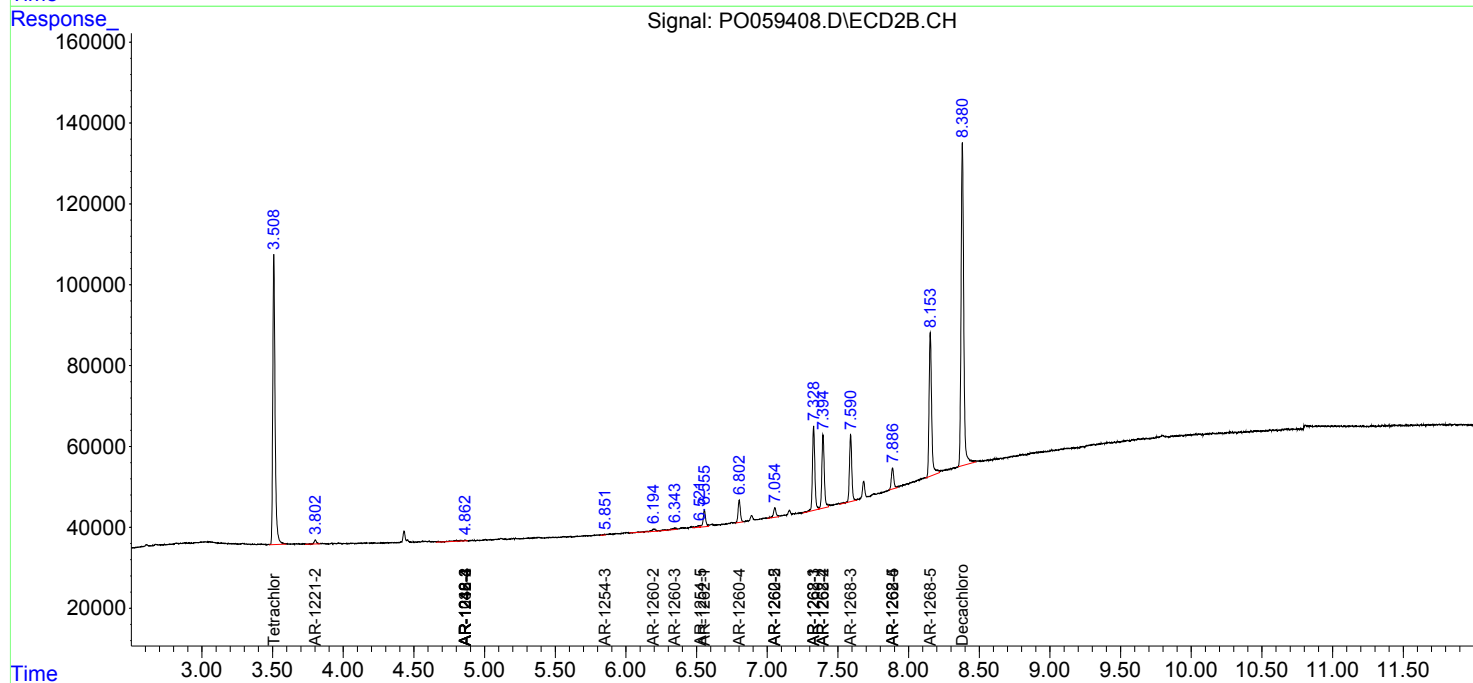
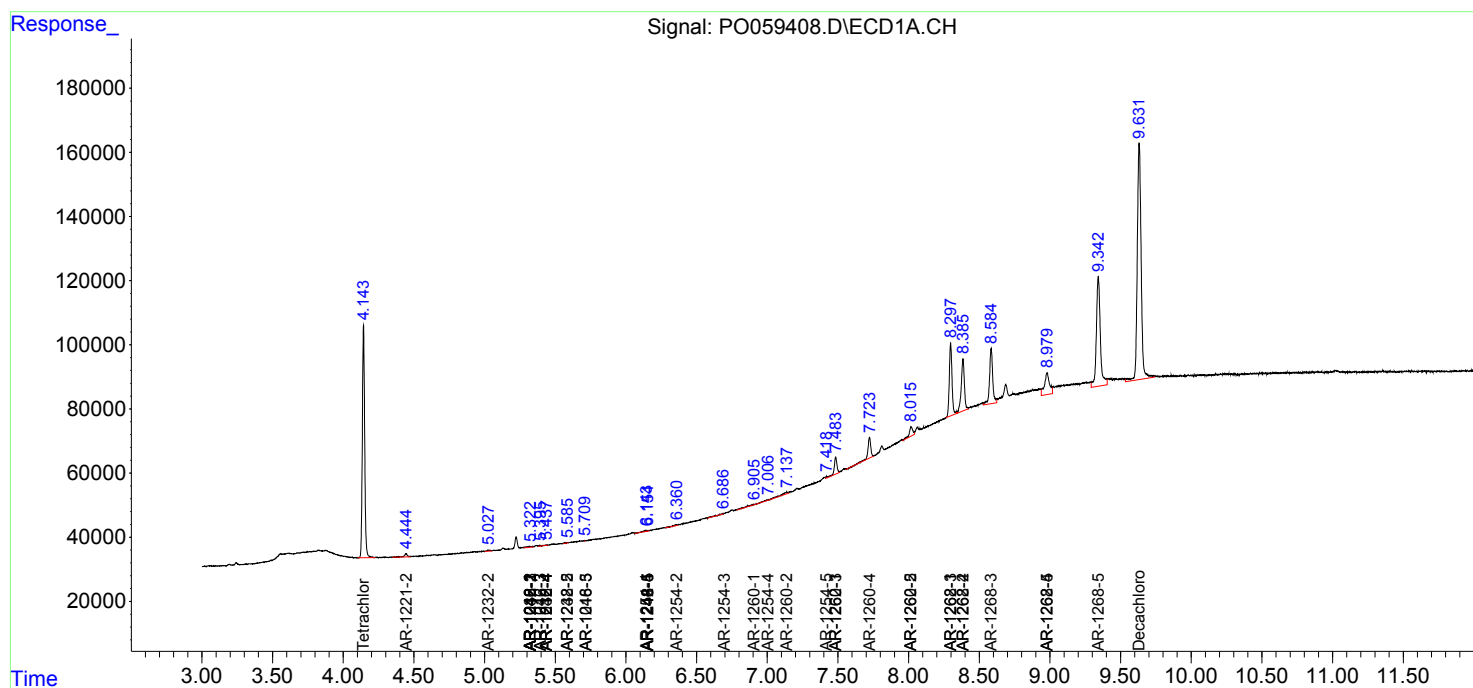
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

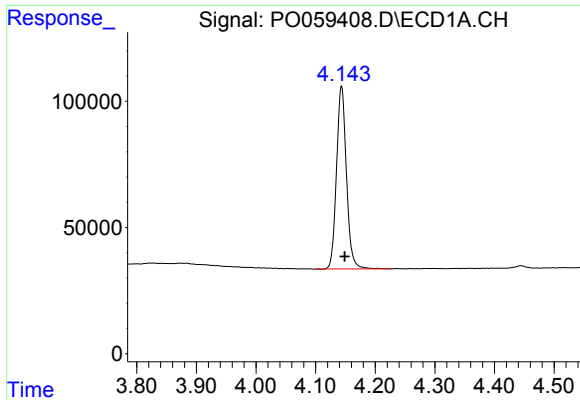
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081719\
Data File : PO059408.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

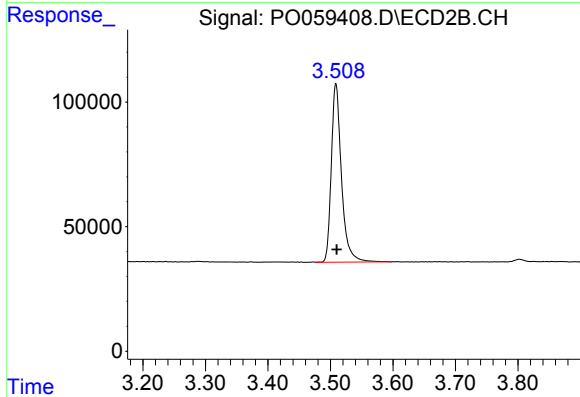




#1 Tetrachloro-m-xylene

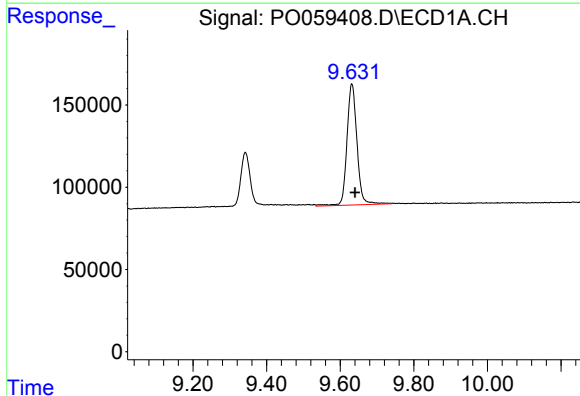
R.T.: 4.143 min
Delta R.T.: -0.006 min
Response: 836821
Conc: 23.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



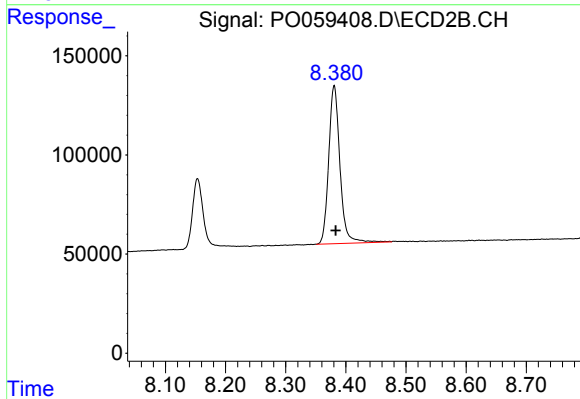
#1 Tetrachloro-m-xylene

R.T.: 3.509 min
Delta R.T.: -0.001 min
Response: 810716
Conc: 22.52 ng/ml



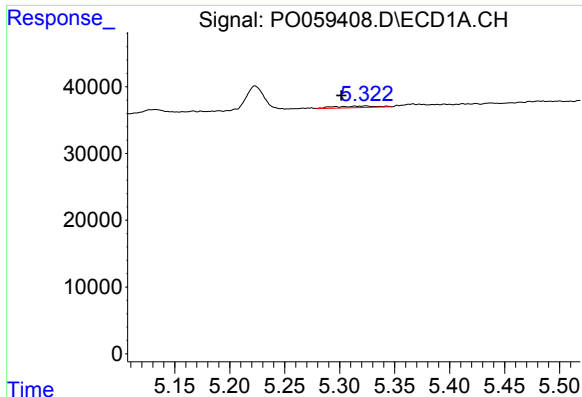
#2 Decachlorobiphenyl

R.T.: 9.632 min
Delta R.T.: -0.009 min
Response: 1398680
Conc: 26.29 ng/ml



#2 Decachlorobiphenyl

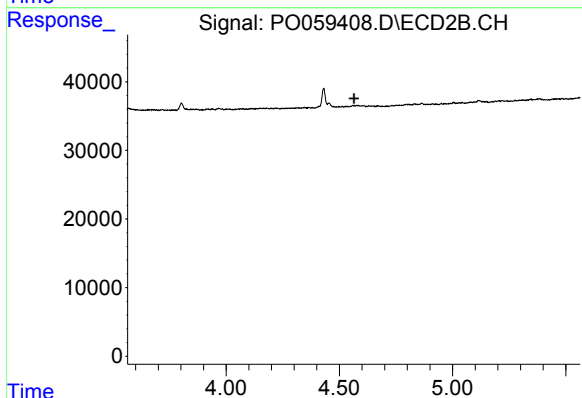
R.T.: 8.381 min
Delta R.T.: -0.003 min
Response: 1035976
Conc: 25.69 ng/ml



#3 AR-1016-1

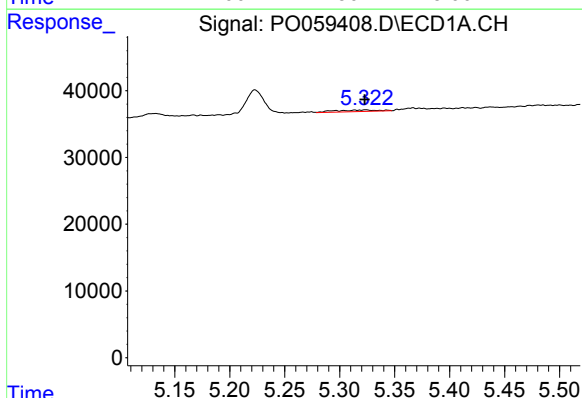
R.T.: 5.324 min
Delta R.T.: 0.022 min
Response: 6540
Conc: 4.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



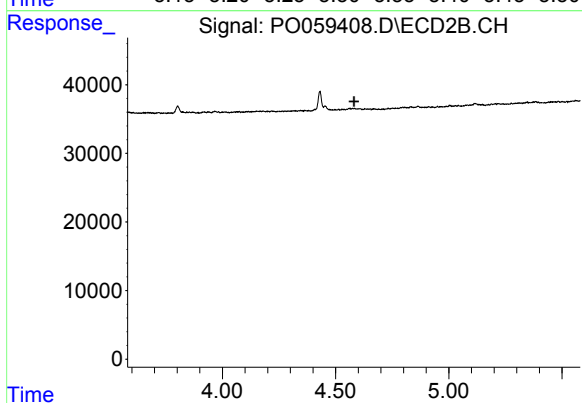
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.565 min
Response: 0
Conc: N.D.



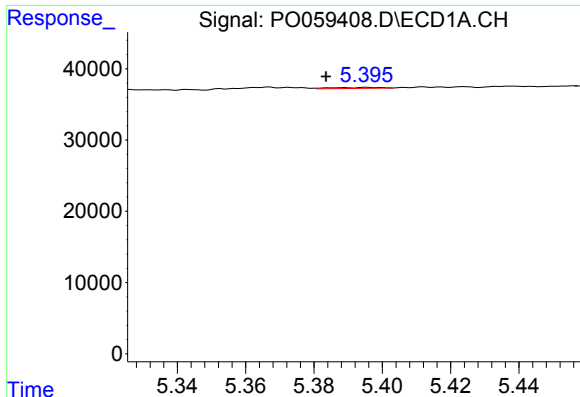
#4 AR-1016-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 6540
Conc: 2.73 ng/ml



#4 AR-1016-2

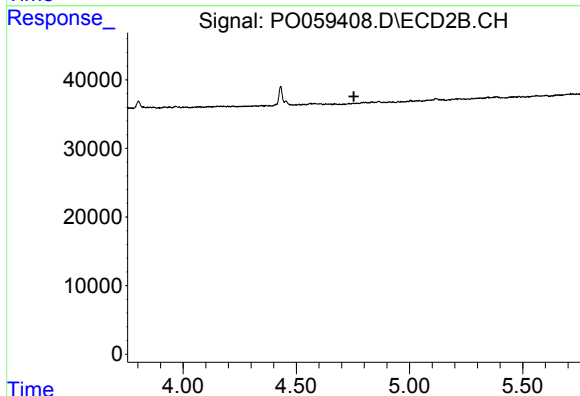
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#5 AR-1016-3

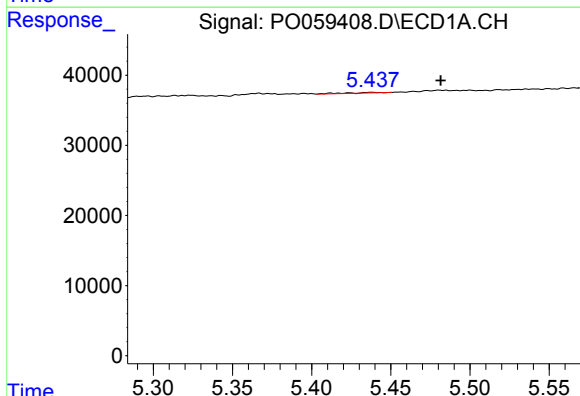
R.T.: 5.396 min
Delta R.T.: 0.012 min
Response: 1405
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



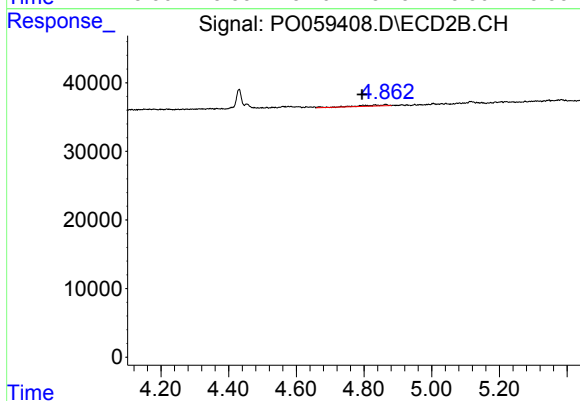
#5 AR-1016-3

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



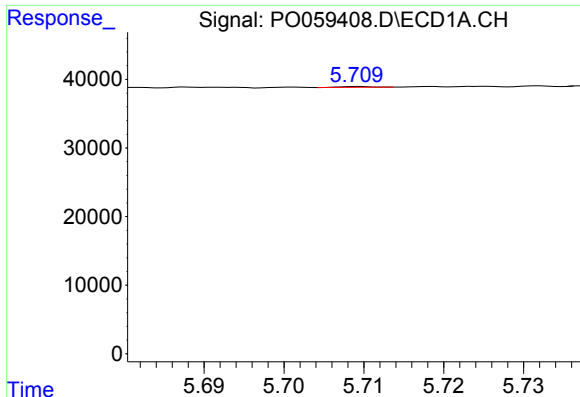
#6 AR-1016-4

R.T.: 5.438 min
Delta R.T.: -0.044 min
Response: 3209
Conc: 2.65 ng/ml



#6 AR-1016-4

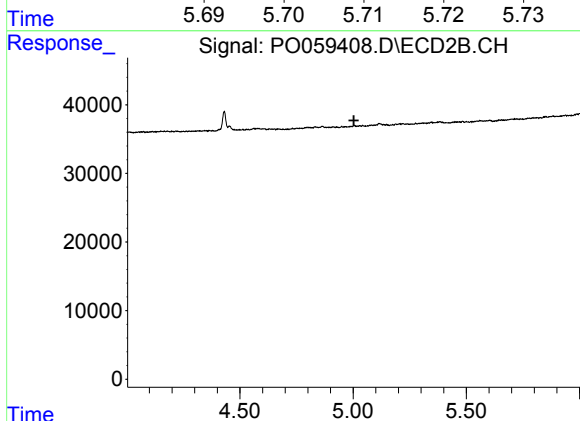
R.T.: 4.863 min
Delta R.T.: 0.068 min
Response: 10999
Conc: 12.18 ng/ml



#7 AR-1016-5

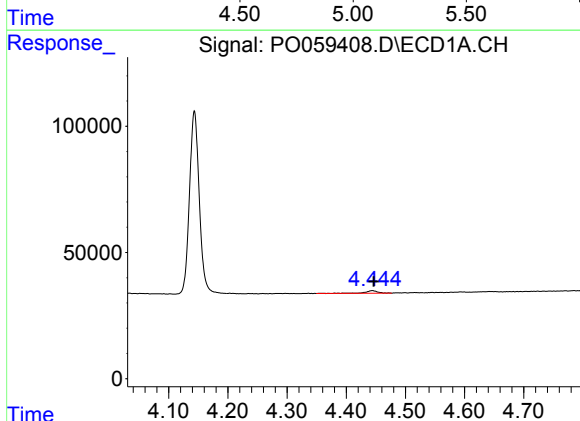
R.T.: 5.709 min
Delta R.T.: -0.060 min
Response: 306
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



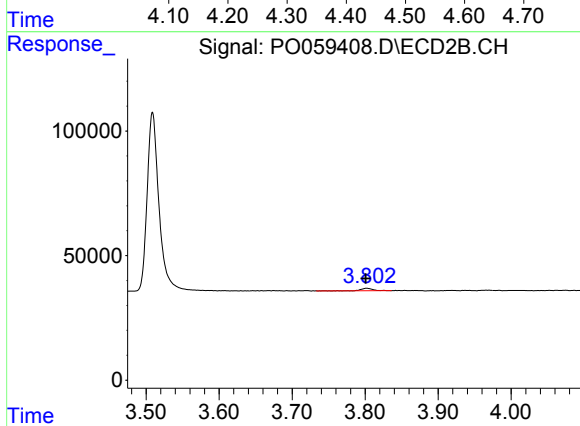
#7 AR-1016-5

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



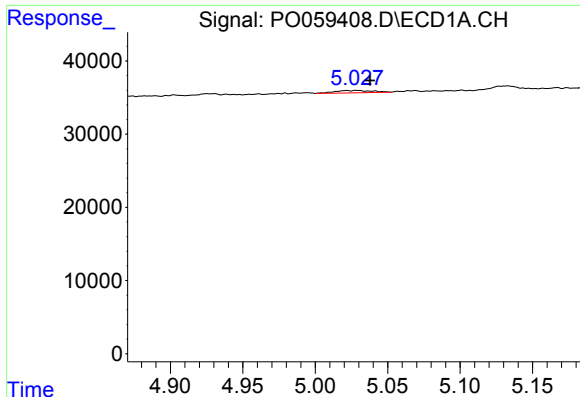
#9 AR-1221-2

R.T.: 4.444 min
Delta R.T.: -0.002 min
Response: 16416
Conc: 50.54 ng/ml



#9 AR-1221-2

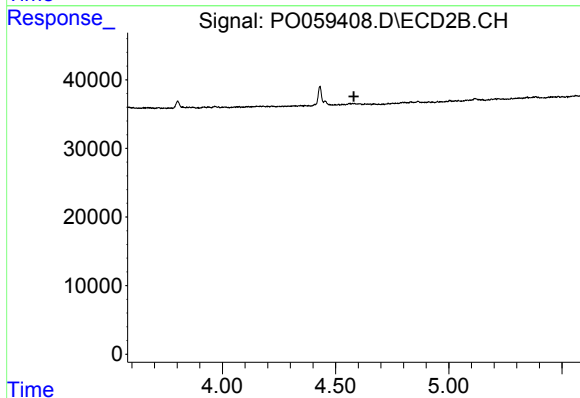
R.T.: 3.802 min
Delta R.T.: 0.001 min
Response: 12612
Conc: 41.40 ng/ml



#12 AR-1232-2

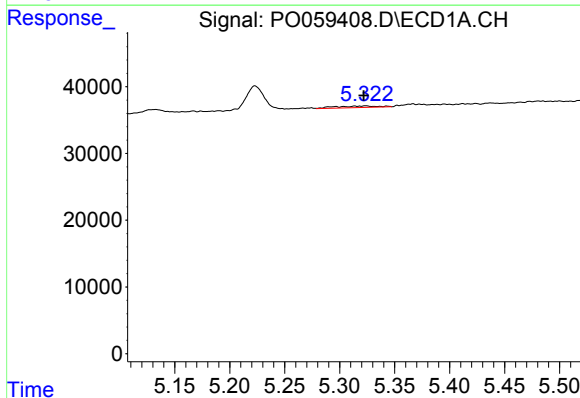
R.T.: 5.029 min
Delta R.T.: -0.009 min
Response: 5727
Conc: 8.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



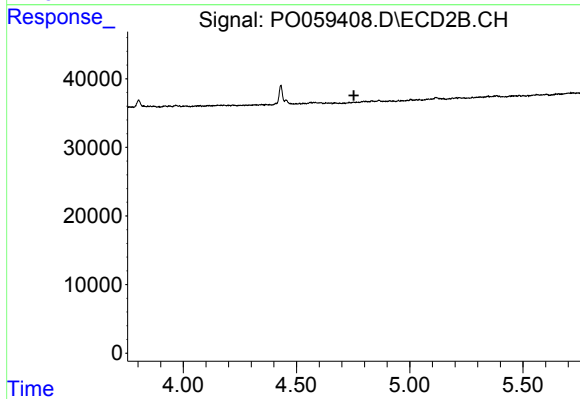
#12 AR-1232-2

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



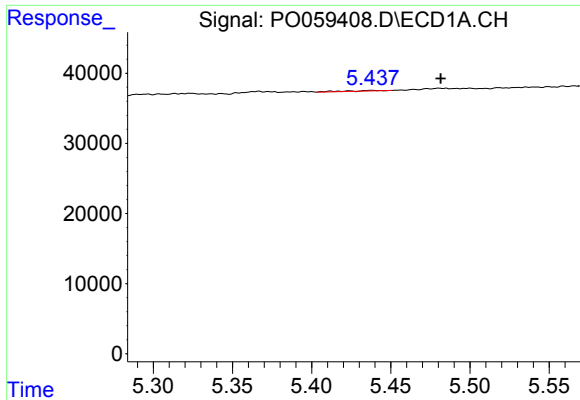
#13 AR-1232-3

R.T.: 5.324 min
Delta R.T.: 0.002 min
Response: 6540
Conc: 4.27 ng/ml



#13 AR-1232-3

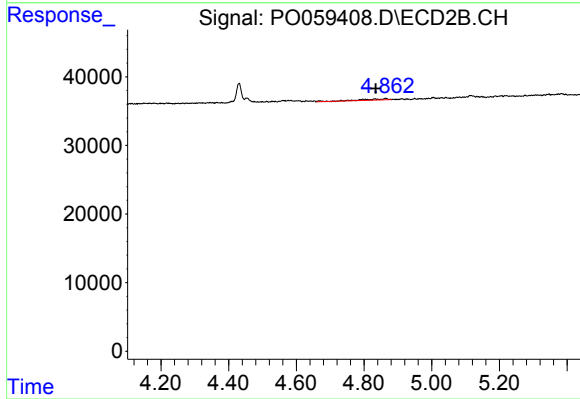
R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



#14 AR-1232-4

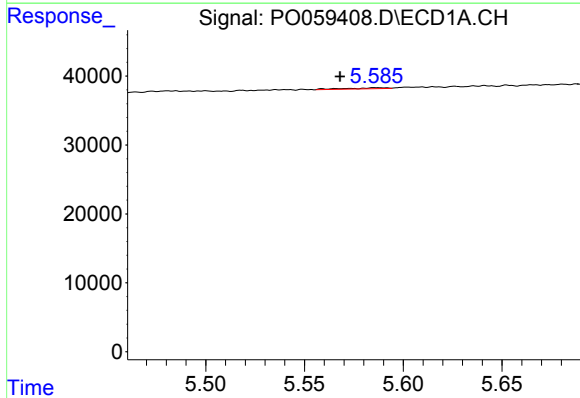
R.T.: 5.438 min
Delta R.T.: -0.044 min
Response: 3209
Conc: 4.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



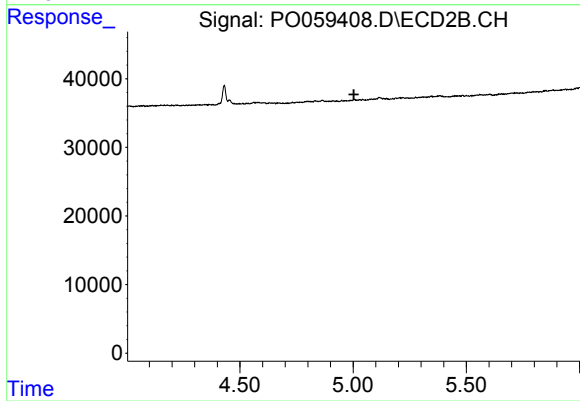
#14 AR-1232-4

R.T.: 4.863 min
Delta R.T.: 0.029 min
Response: 10999
Conc: 18.03 ng/ml



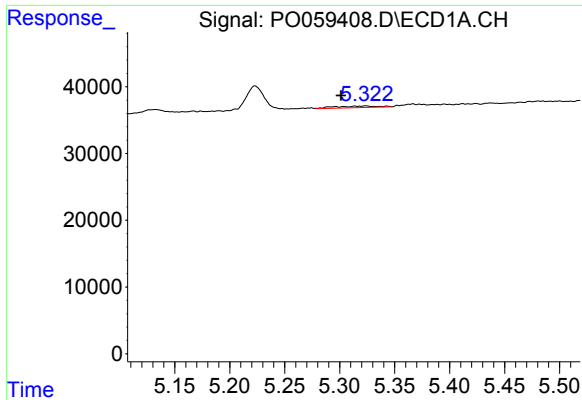
#15 AR-1232-5

R.T.: 5.586 min
Delta R.T.: 0.018 min
Response: 2107
Conc: 3.50 ng/ml



#15 AR-1232-5

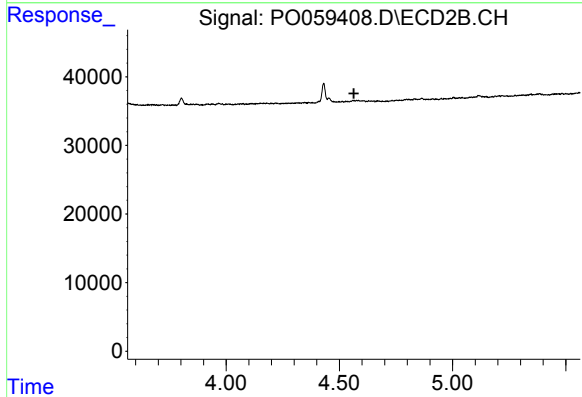
R.T.: 0.000 min
Exp R.T.: 5.004 min
Response: 0
Conc: N.D.



#16 AR-1242-1

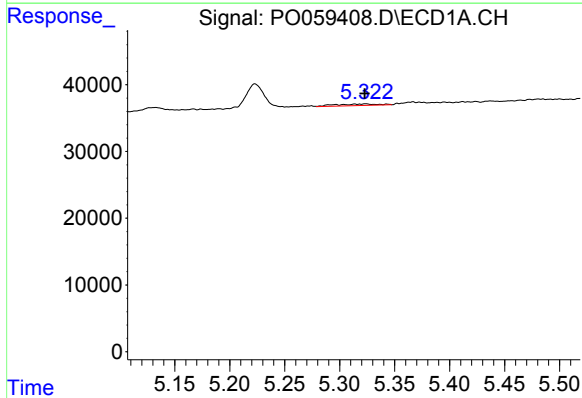
R.T.: 5.324 min
Delta R.T.: 0.023 min
Response: 6540
Conc: 5.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



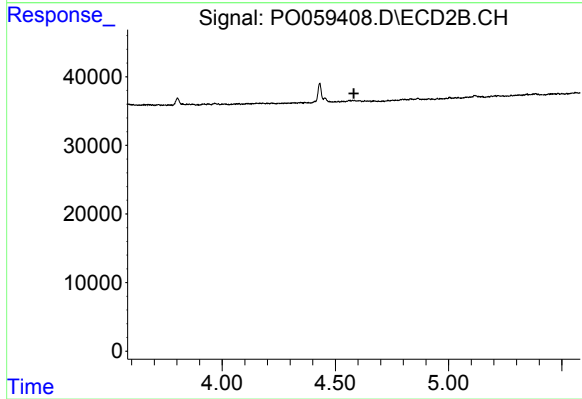
#16 AR-1242-1

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



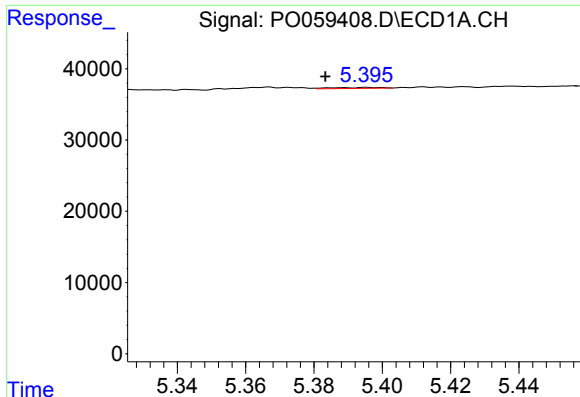
#17 AR-1242-2

R.T.: 5.324 min
Delta R.T.: 0.001 min
Response: 6540
Conc: 3.52 ng/ml



#17 AR-1242-2

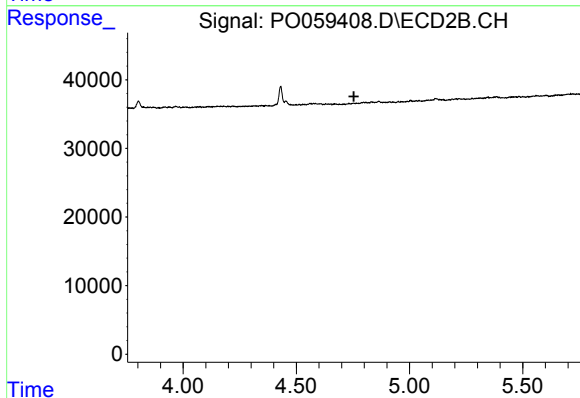
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#18 AR-1242-3

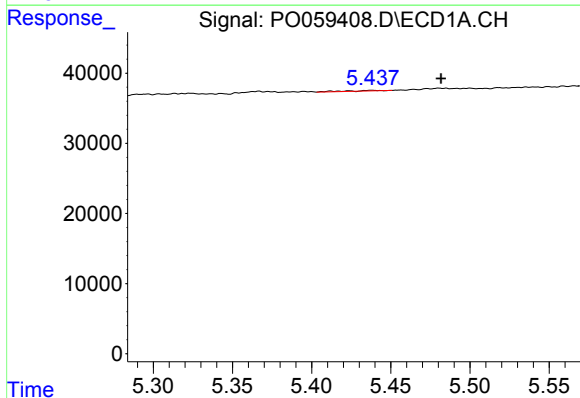
R.T.: 5.396 min
Delta R.T.: 0.012 min
Response: 1405
Conc: 1.20 ng/ml

Instrument :
ECD_O
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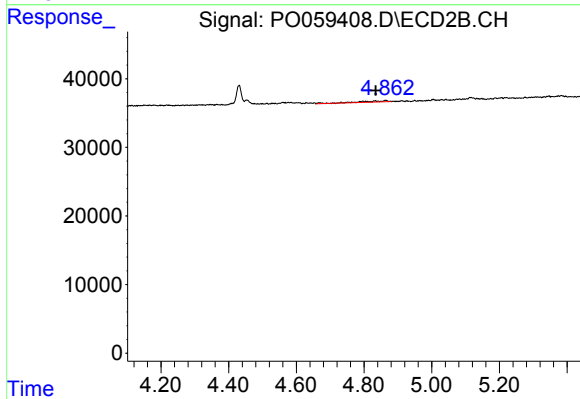
#18 AR-1242-3

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



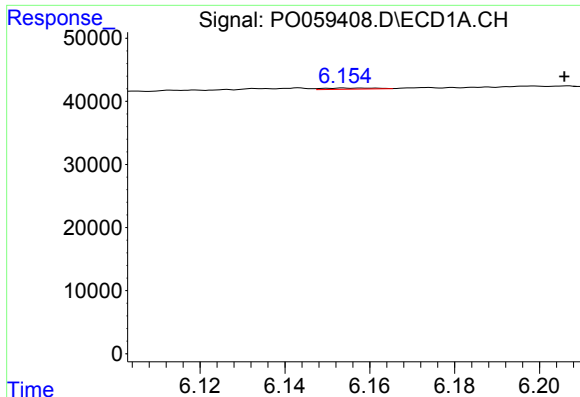
#19 AR-1242-4

R.T.: 5.438 min
Delta R.T.: -0.044 min
Response: 3209
Conc: 3.32 ng/ml



#19 AR-1242-4

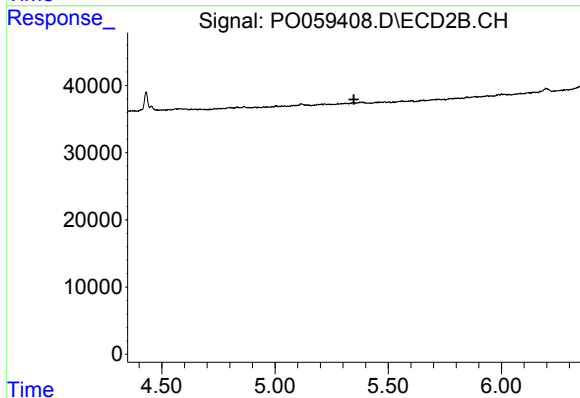
R.T.: 4.863 min
Delta R.T.: 0.029 min
Response: 10999
Conc: 13.18 ng/ml



#20 AR-1242-5

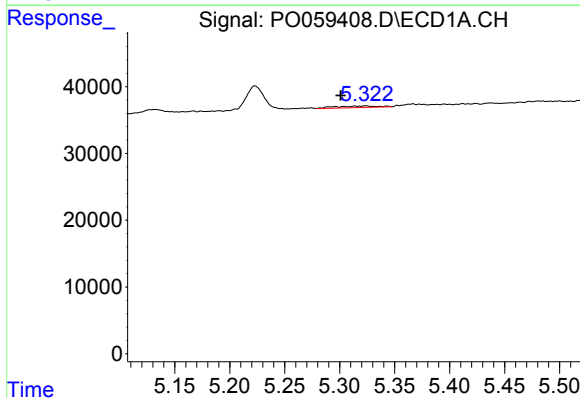
R.T.: 6.155 min
Delta R.T.: -0.051 min
Response: 1584
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



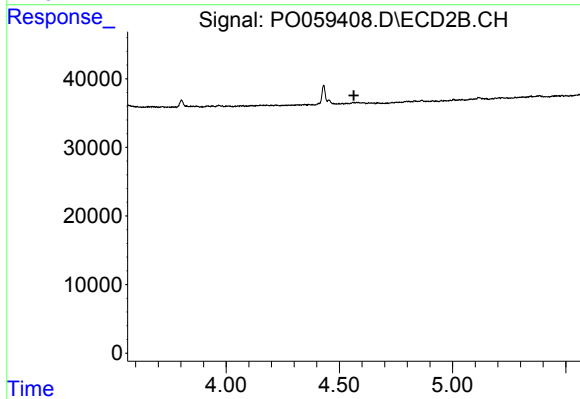
#20 AR-1242-5

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



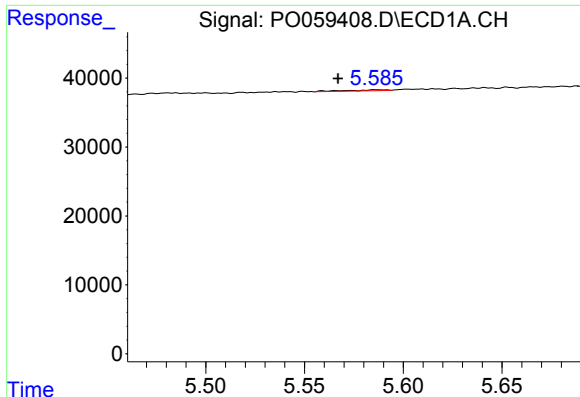
#21 AR-1248-1

R.T.: 5.324 min
Delta R.T.: 0.023 min
Response: 6540
Conc: 6.52 ng/ml



#21 AR-1248-1

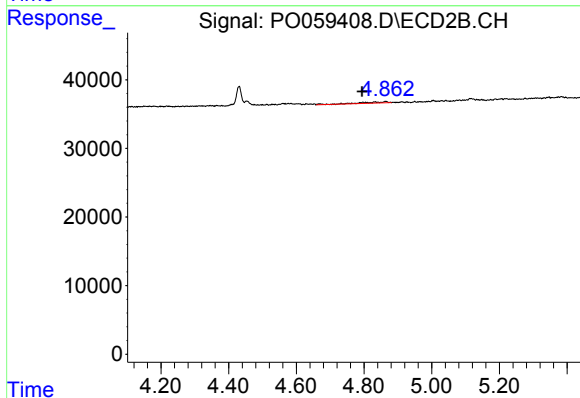
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#22 AR-1248-2

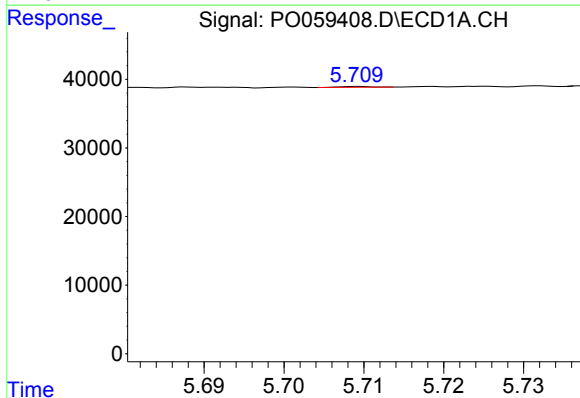
R.T.: 5.586 min
Delta R.T.: 0.019 min
Response: 2107
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



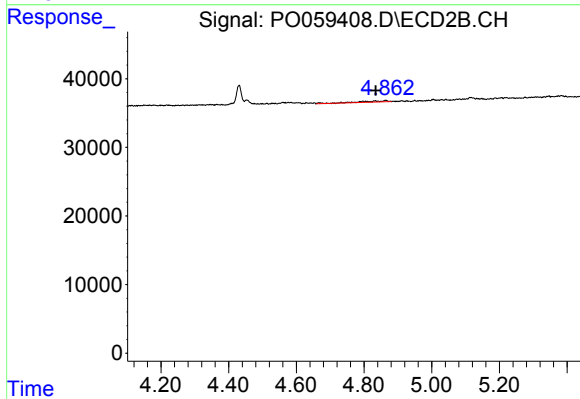
#22 AR-1248-2

R.T.: 4.863 min
Delta R.T.: 0.069 min
Response: 10999
Conc: 9.54 ng/ml



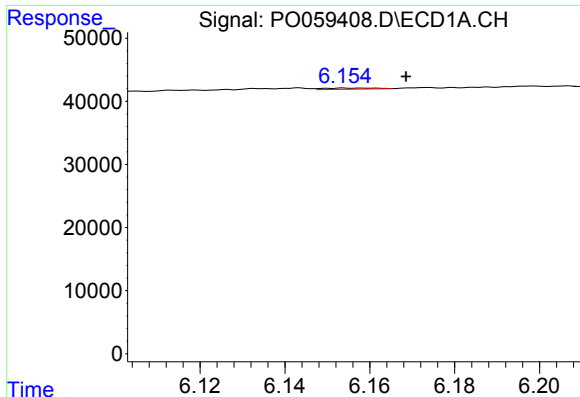
#23 AR-1248-3

R.T.: 5.709 min
Delta R.T.: -0.059 min
Response: 306
Conc: 0.18 ng/ml



#23 AR-1248-3

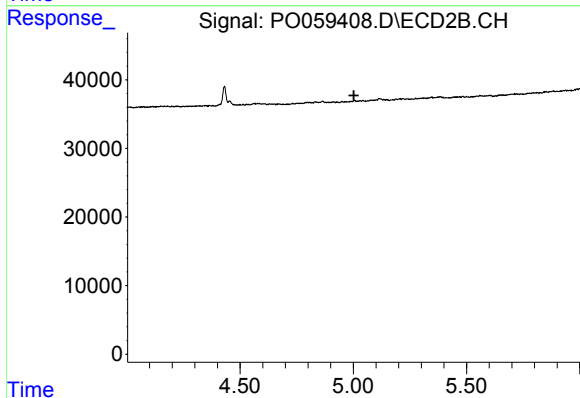
R.T.: 4.863 min
Delta R.T.: 0.029 min
Response: 10999
Conc: 9.26 ng/ml



#24 AR-1248-4

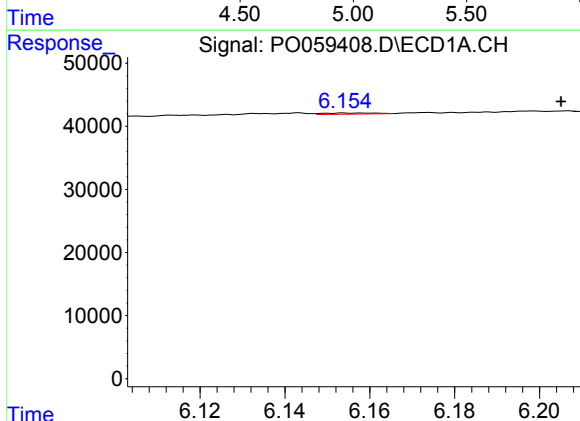
R.T.: 6.155 min
Delta R.T.: -0.014 min
Response: 1584
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



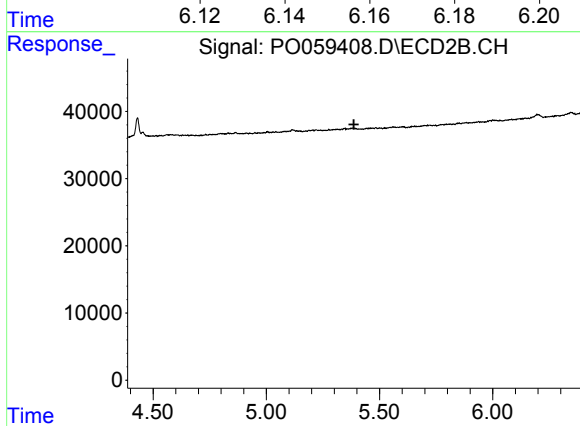
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.003 min
Response: 0
Conc: N.D.



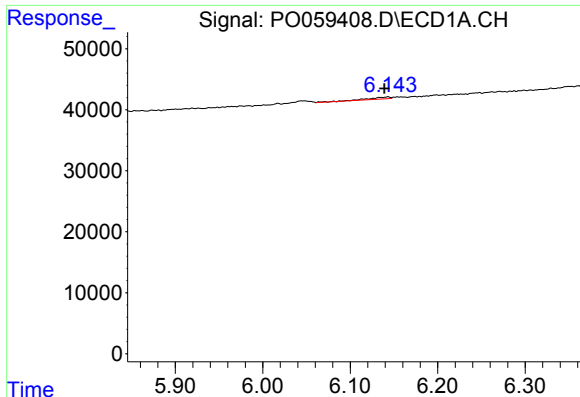
#25 AR-1248-5

R.T.: 6.155 min
Delta R.T.: -0.051 min
Response: 1584
Conc: 0.80 ng/ml



#25 AR-1248-5

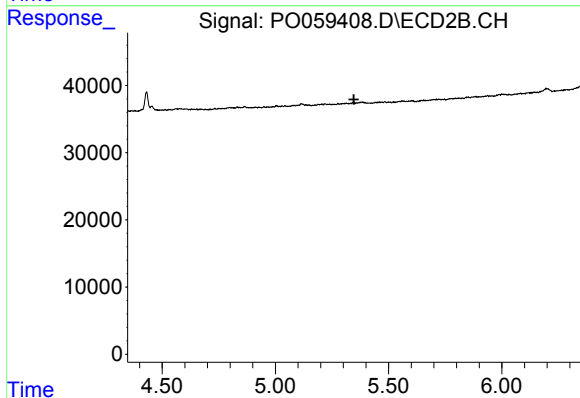
R.T.: 0.000 min
Exp R.T. : 5.387 min
Response: 0
Conc: N.D.



#26 AR-1254-1

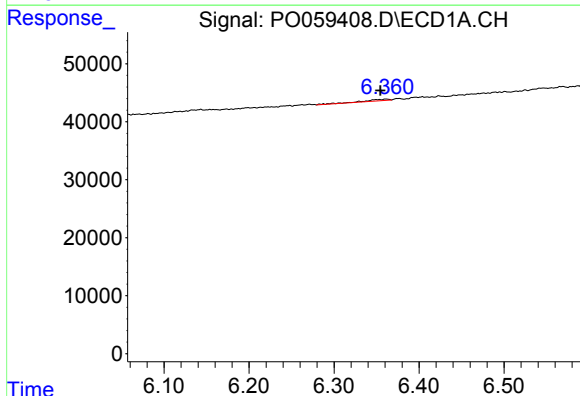
R.T.: 6.143 min
Delta R.T.: 0.004 min
Response: 5685
Conc: 2.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



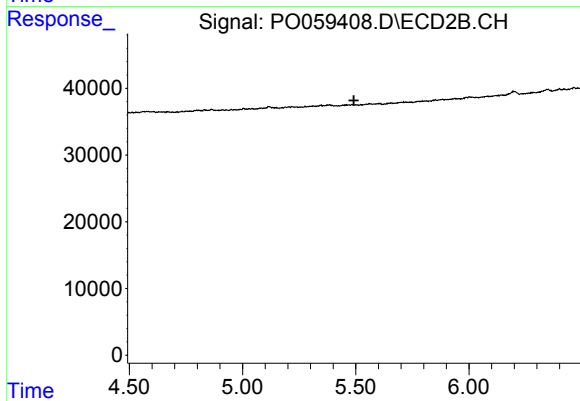
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.346 min
Response: 0
Conc: N.D.



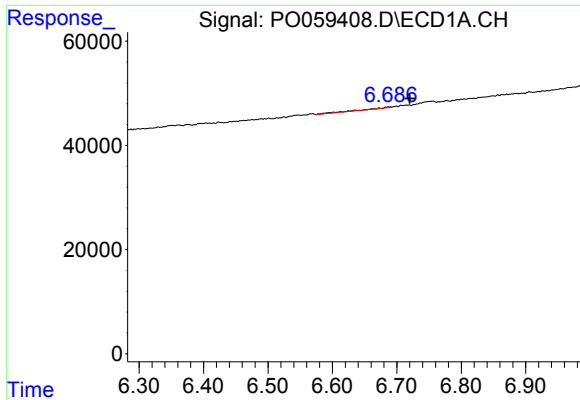
#27 AR-1254-2

R.T.: 6.361 min
Delta R.T.: 0.007 min
Response: 5232
Conc: 1.57 ng/ml



#27 AR-1254-2

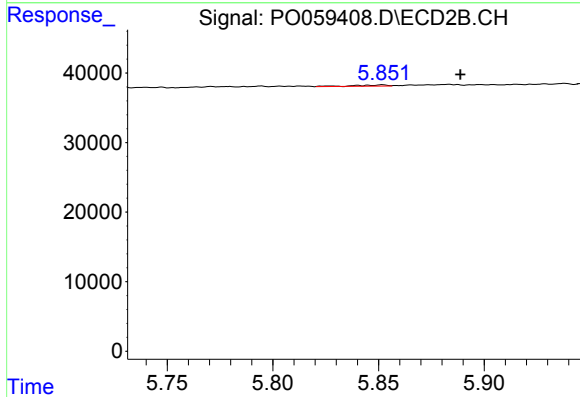
R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.



#28 AR-1254-3

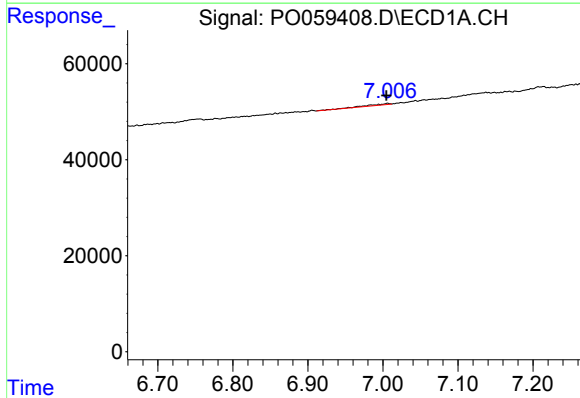
R.T.: 6.688 min
Delta R.T.: -0.032 min
Response: 4984
Conc: 1.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



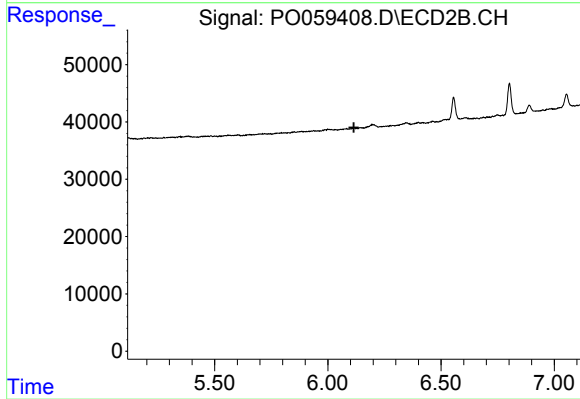
#28 AR-1254-3

R.T.: 5.852 min
Delta R.T.: -0.037 min
Response: 1968
Conc: 0.59 ng/ml



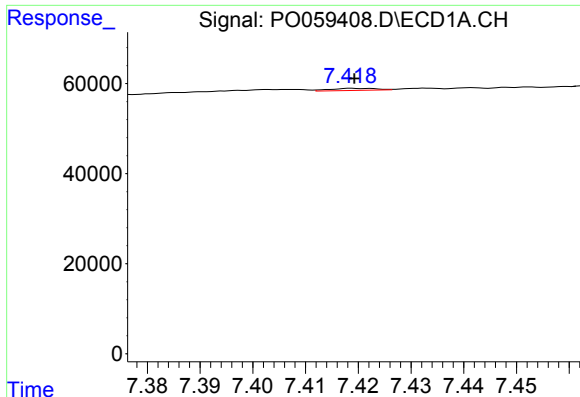
#29 AR-1254-4

R.T.: 7.006 min
Delta R.T.: 0.002 min
Response: 5528
Conc: 1.88 ng/ml



#29 AR-1254-4

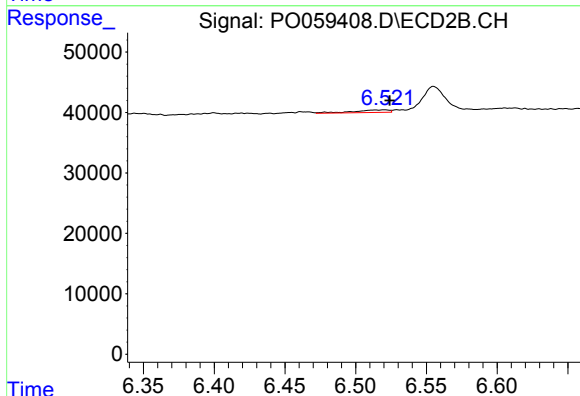
R.T.: 0.000 min
Exp R.T.: 6.115 min
Response: 0
Conc: N.D.



#30 AR-1254-5

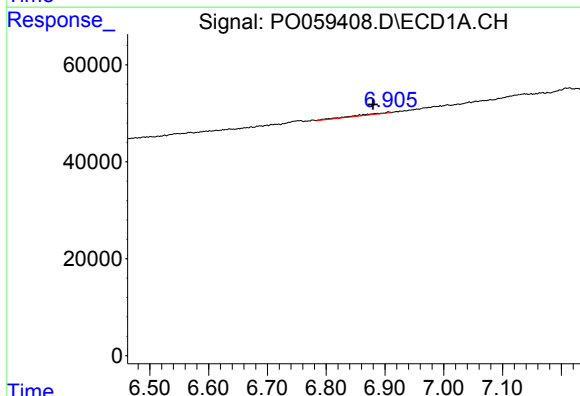
R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 2813
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



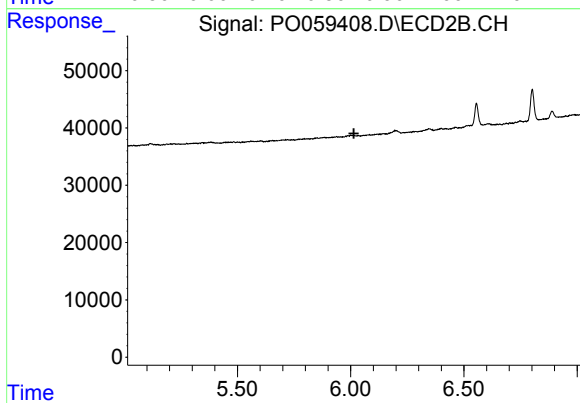
#30 AR-1254-5

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 7190
Conc: 2.32 ng/ml



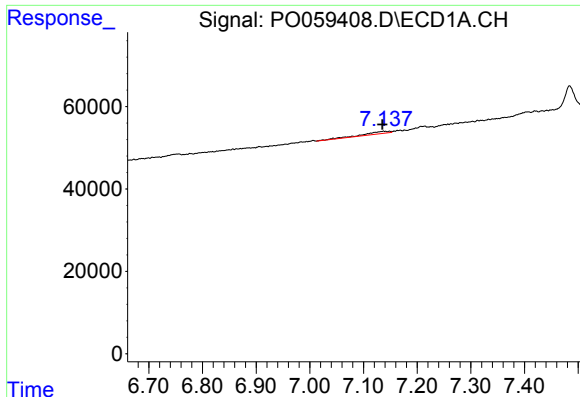
#31 AR-1260-1

R.T.: 6.906 min
Delta R.T.: 0.026 min
Response: 9079
Conc: 3.37 ng/ml



#31 AR-1260-1

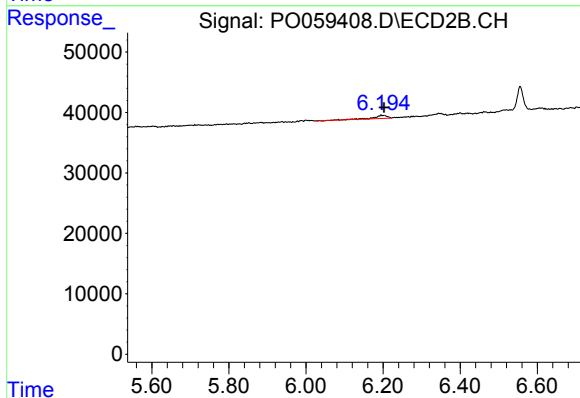
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.



#32 AR-1260-2

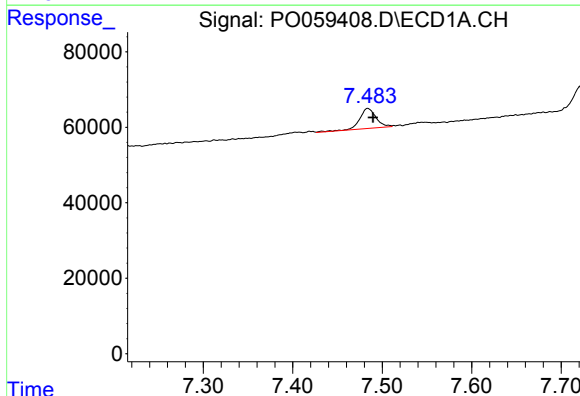
R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 18068
Conc: 4.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



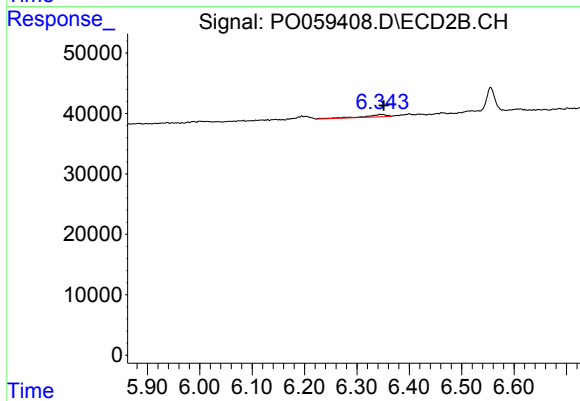
#32 AR-1260-2

R.T.: 6.195 min
Delta R.T.: -0.007 min
Response: 12577
Conc: 4.29 ng/ml



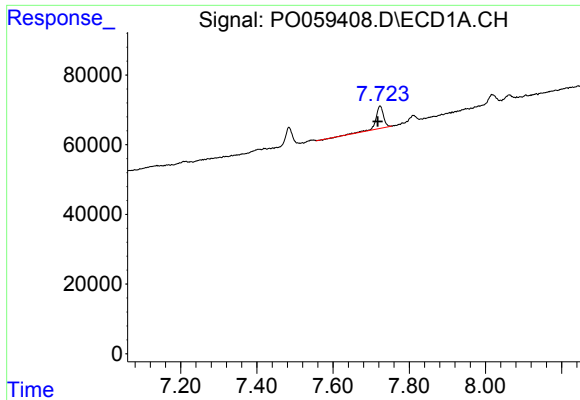
#33 AR-1260-3

R.T.: 7.484 min
Delta R.T.: -0.006 min
Response: 68084
Conc: 20.78 ng/ml



#33 AR-1260-3

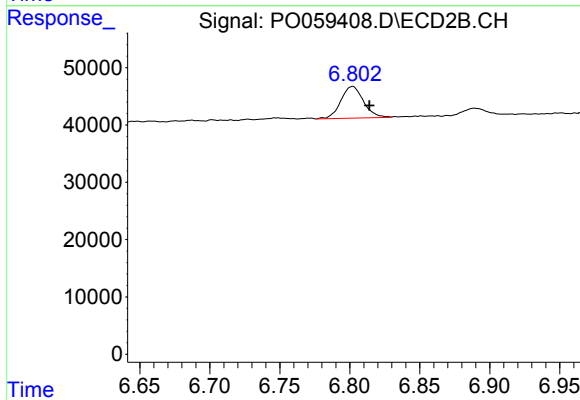
R.T.: 6.344 min
Delta R.T.: -0.007 min
Response: 10560
Conc: 3.99 ng/ml



#34 AR-1260-4

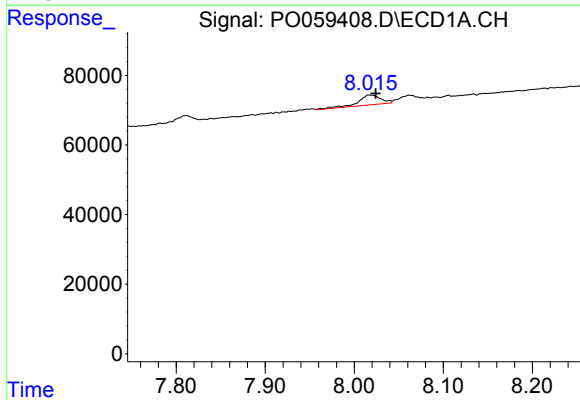
R.T.: 7.723 min
Delta R.T.: 0.006 min
Response: 89053
Conc: 28.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



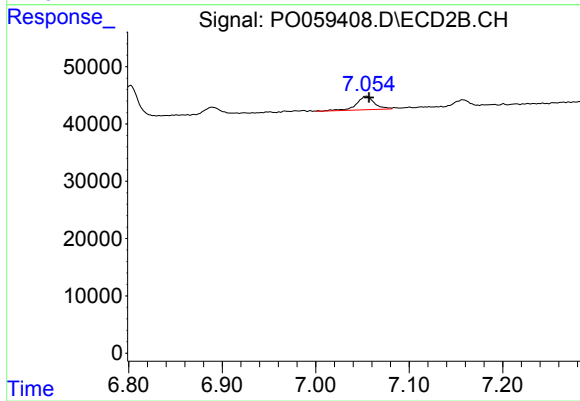
#34 AR-1260-4

R.T.: 6.802 min
Delta R.T.: -0.012 min
Response: 62444
Conc: 27.60 ng/ml



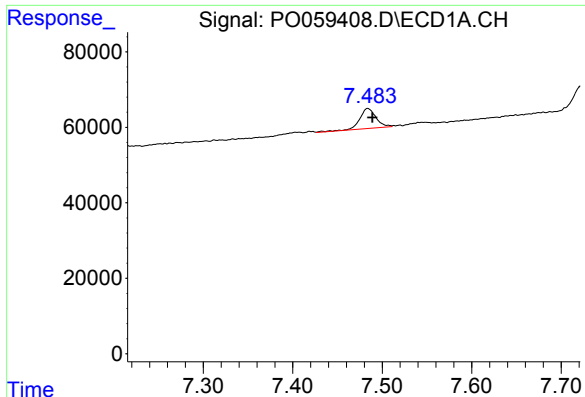
#35 AR-1260-5

R.T.: 8.017 min
Delta R.T.: -0.007 min
Response: 51301
Conc: 7.24 ng/ml



#35 AR-1260-5

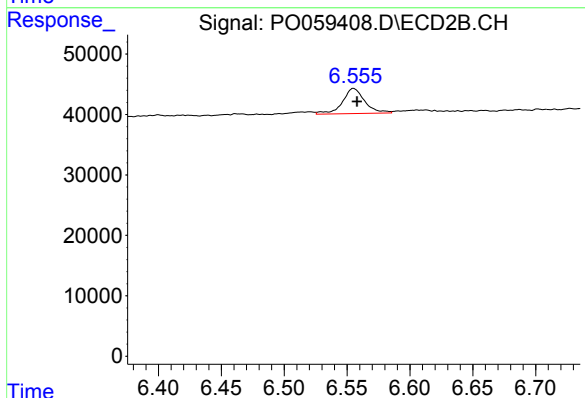
R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 31280
Conc: 5.68 ng/ml



#36 AR-1262-1

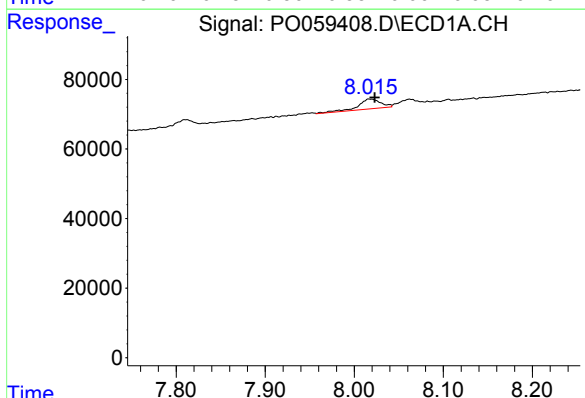
R.T.: 7.484 min
Delta R.T.: -0.005 min
Response: 68084
Conc: 14.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



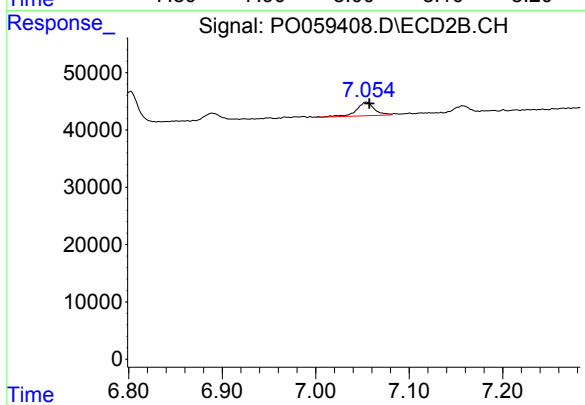
#36 AR-1262-1

R.T.: 6.555 min
Delta R.T.: -0.003 min
Response: 51329
Conc: 13.77 ng/ml



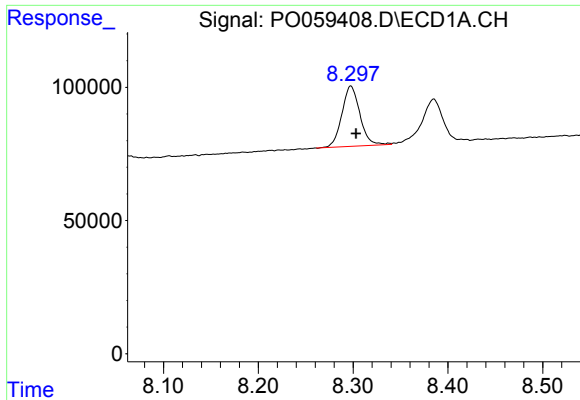
#37 AR-1262-2

R.T.: 8.017 min
Delta R.T.: -0.006 min
Response: 51301
Conc: 6.65 ng/ml



#37 AR-1262-2

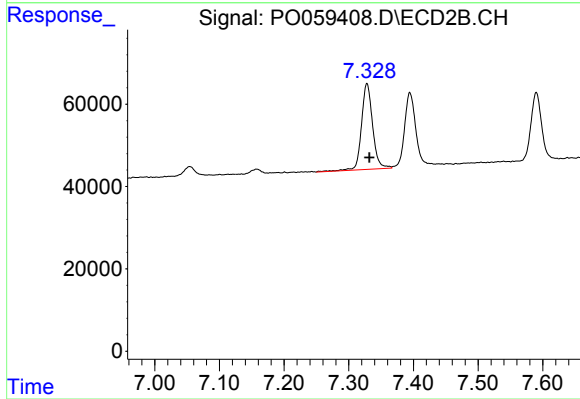
R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 31280
Conc: 5.32 ng/ml



#38 AR-1262-3

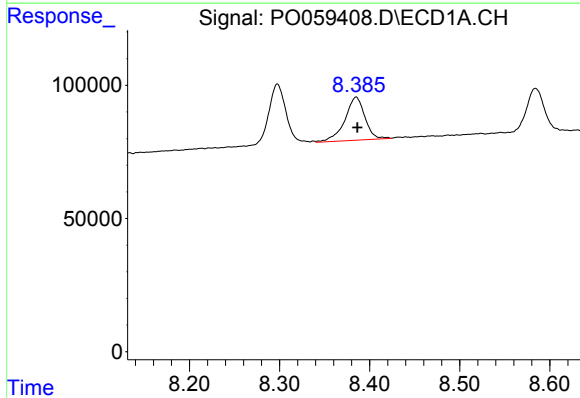
R.T.: 8.298 min
Delta R.T.: -0.005 min
Response: 299115
Conc: 58.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



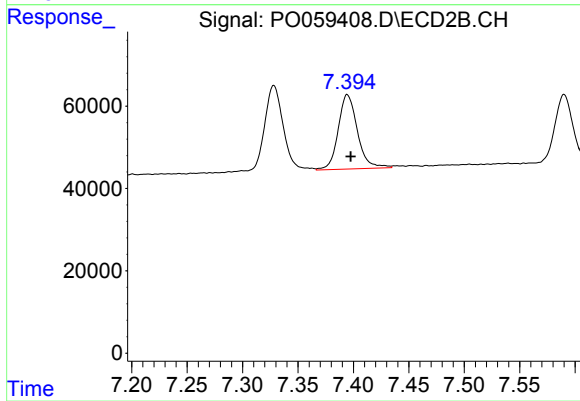
#38 AR-1262-3

R.T.: 7.328 min
Delta R.T.: -0.004 min
Response: 248385
Conc: 97.75 ng/ml



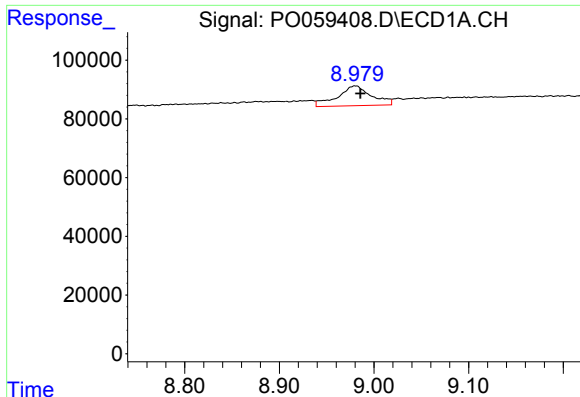
#39 AR-1262-4

R.T.: 8.385 min
Delta R.T.: -0.001 min
Response: 250528
Conc: 64.99 ng/ml



#39 AR-1262-4

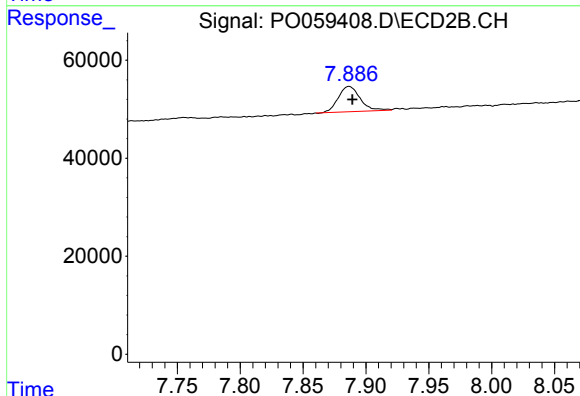
R.T.: 7.395 min
Delta R.T.: -0.003 min
Response: 217949
Conc: 49.32 ng/ml



#40 AR-1262-5

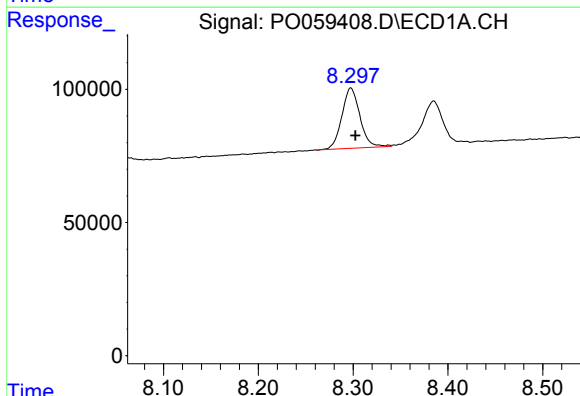
R.T.: 8.980 min
Delta R.T.: -0.005 min
Response: 169114
Conc: 65.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



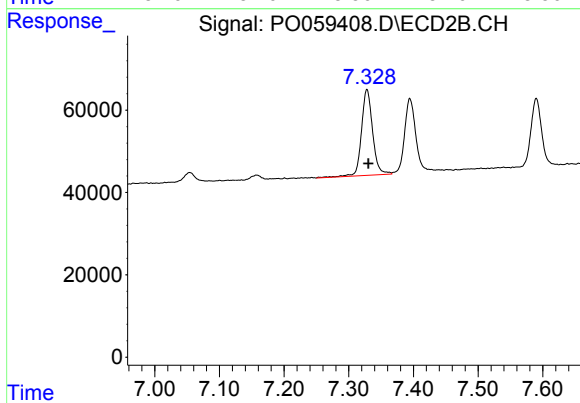
#40 AR-1262-5

R.T.: 7.887 min
Delta R.T.: -0.003 min
Response: 62773
Conc: 34.77 ng/ml



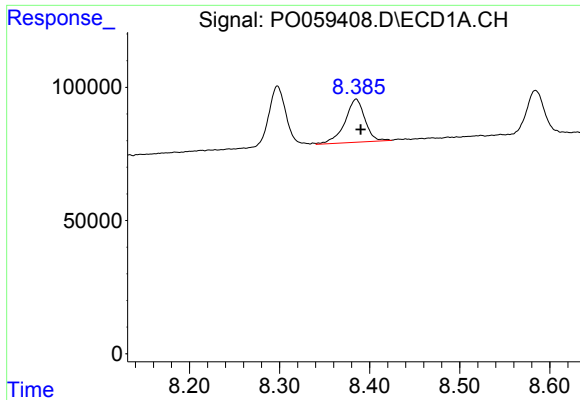
#41 AR-1268-1

R.T.: 8.298 min
Delta R.T.: -0.005 min
Response: 299115
Conc: 31.78 ng/ml



#41 AR-1268-1

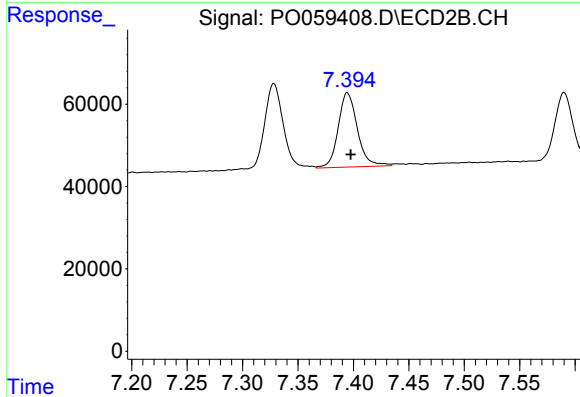
R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 248385
Conc: 34.88 ng/ml



#42 AR-1268-2

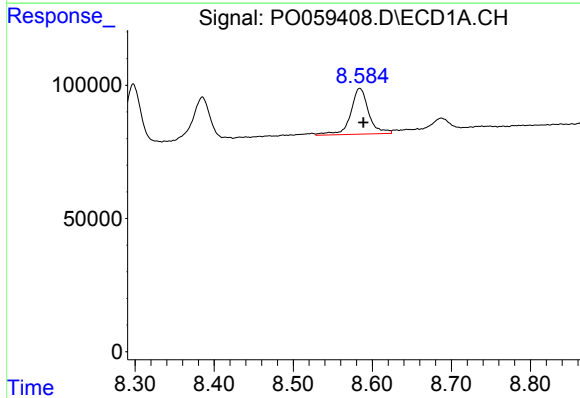
R.T.: 8.385 min
Delta R.T.: -0.005 min
Response: 250528
Conc: 31.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



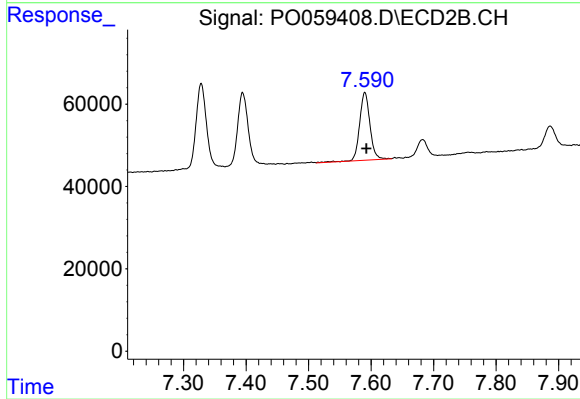
#42 AR-1268-2

R.T.: 7.395 min
Delta R.T.: -0.003 min
Response: 217949
Conc: 33.80 ng/ml



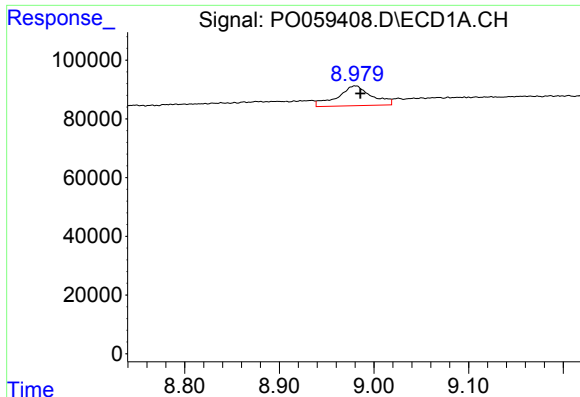
#43 AR-1268-3

R.T.: 8.584 min
Delta R.T.: -0.005 min
Response: 272724
Conc: 38.69 ng/ml



#43 AR-1268-3

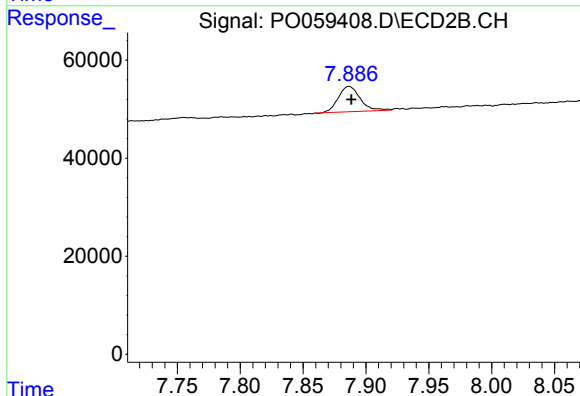
R.T.: 7.590 min
Delta R.T.: -0.002 min
Response: 190903
Conc: 34.89 ng/ml



#44 AR-1268-4

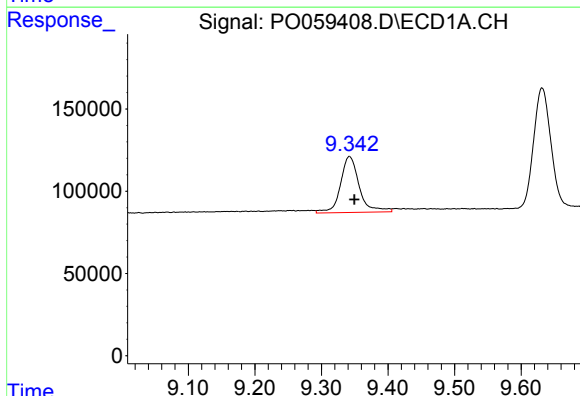
R.T.: 8.980 min
Delta R.T.: -0.005 min
Response: 169114
Conc: 60.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



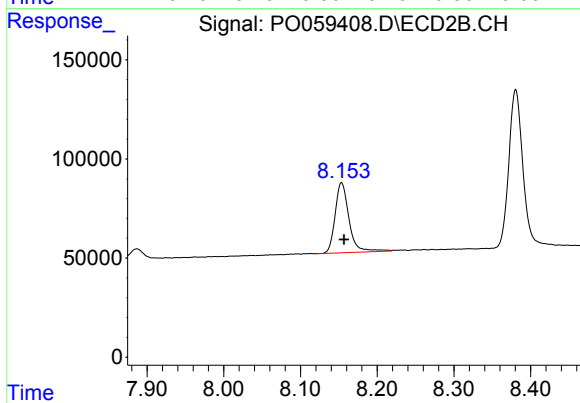
#44 AR-1268-4

R.T.: 7.887 min
Delta R.T.: -0.002 min
Response: 62773
Conc: 30.75 ng/ml



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.008 min
Response: 669201
Conc: 36.29 ng/ml



#45 AR-1268-5

R.T.: 8.153 min
Delta R.T.: -0.003 min
Response: 445428
Conc: 30.66 ng/ml